



October 02, 2020

Vista Work Order No. 2002008

Ms. Delaney Peterson
Anchor QEA, LLC
720 Olive Way, Suite 1900
Seattle, WA 98101

Dear Ms. Peterson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on September 25, 2020 under your Project Name 'Navigation Channel Project'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2002008

Case Narrative

Sample Condition on Receipt:

Five sediment samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613B

These samples were extracted and analyzed for tetra-through-octa chlorinated dioxins and furans by EPA Method 1613B using a ZB-DIOXIN GC column.

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected above the quantitation limits in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

EPA Method 1668A

These samples were extracted and analyzed for 209 PCB congeners by EPA Method 1668A using a ZB-1 GC column.

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected above the sample quantitation limits in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2002008-01	NCPDI-009SG-200923	23-Sep-20 13:50	25-Sep-20 09:25	Clear Glass Jar, 120mL
2002008-02	NCPDI-010SG-200923	23-Sep-20 09:49	25-Sep-20 09:25	Clear Glass Jar, 120mL
2002008-03	NCPDI-015SG-200923	23-Sep-20 11:09	25-Sep-20 09:25	Clear Glass Jar, 120mL
2002008-04	NCPDI-028SG-200923	23-Sep-20 16:05	25-Sep-20 09:25	Clear Glass Jar, 120mL
2002008-05	NCPDI-046SG-200923	23-Sep-20 14:59	25-Sep-20 09:25	Clear Glass Jar, 120mL

ANALYTICAL RESULTS

Sample ID: Method Blank

EPA Method 1613B

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0198-BLK1	Date Extracted:	25-Sep-20
Project:	Navigation Channel Project	QC Batch:	B0I0198	Column:	ZB-DIOXIN
Matrix:	Solid	Sample Size:	10.0 g		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	0.0203			01-Oct-20 14:38	1
1,2,3,7,8-PeCDD	ND	0.0279			01-Oct-20 14:38	1
1,2,3,4,7,8-HxCDD	ND	0.0360			01-Oct-20 14:38	1
1,2,3,6,7,8-HxCDD	ND	0.0383			01-Oct-20 14:38	1
1,2,3,7,8,9-HxCDD	ND	0.0395			01-Oct-20 14:38	1
1,2,3,4,6,7,8-HpCDD	ND	0.0379			01-Oct-20 14:38	1
OCDD	ND	0.164			01-Oct-20 14:38	1
2,3,7,8-TCDF	ND	0.0165			01-Oct-20 14:38	1
1,2,3,7,8-PeCDF	ND	0.0216			01-Oct-20 14:38	1
2,3,4,7,8-PeCDF	ND	0.0192			01-Oct-20 14:38	1
1,2,3,4,7,8-HxCDF	ND	0.0192			01-Oct-20 14:38	1
1,2,3,6,7,8-HxCDF	ND	0.0190			01-Oct-20 14:38	1
2,3,4,6,7,8-HxCDF	ND	0.0214			01-Oct-20 14:38	1
1,2,3,7,8,9-HxCDF	0.0203			J	01-Oct-20 14:38	1
1,2,3,4,6,7,8-HpCDF	ND	0.0312			01-Oct-20 14:38	1
1,2,3,4,7,8,9-HpCDF	ND	0.0280			01-Oct-20 14:38	1
OCDF	ND	0.0527			01-Oct-20 14:38	1

Toxic Equivalent

TEQMinWHO2005Dioxin	0.00203
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Totals

Total TCDD	ND	0.0203
Total PeCDD	ND	0.0279
Total HxCDD	ND	0.0395
Total HpCDD	ND	0.0379
Total TCDF	ND	0.0165
Total PeCDF	ND	0.0216
Total HxCDF	0.0566	
Total HpCDF	ND	0.0312

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	102	25 - 164		01-Oct-20 14:38	1
13C-1,2,3,7,8-PeCDD	IS	111	25 - 181		01-Oct-20 14:38	1
13C-1,2,3,4,7,8-HxCDD	IS	102	32 - 141		01-Oct-20 14:38	1
13C-1,2,3,6,7,8-HxCDD	IS	100	28 - 130		01-Oct-20 14:38	1
13C-1,2,3,7,8,9-HxCDD	IS	101	32 - 141		01-Oct-20 14:38	1
13C-1,2,3,4,6,7,8-HpCDD	IS	99.0	23 - 140		01-Oct-20 14:38	1
13C-OCDD	IS	92.2	17 - 157		01-Oct-20 14:38	1
13C-2,3,7,8-TCDF	IS	101	24 - 169		01-Oct-20 14:38	1
13C-1,2,3,7,8-PeCDF	IS	113	24 - 185		01-Oct-20 14:38	1
13C-2,3,4,7,8-PeCDF	IS	115	21 - 178		01-Oct-20 14:38	1
13C-1,2,3,4,7,8-HxCDF	IS	99.1	26 - 152		01-Oct-20 14:38	1
13C-1,2,3,6,7,8-HxCDF	IS	98.3	26 - 123		01-Oct-20 14:38	1
13C-2,3,4,6,7,8-HxCDF	IS	99.0	28 - 136		01-Oct-20 14:38	1
13C-1,2,3,7,8,9-HxCDF	IS	100	29 - 147		01-Oct-20 14:38	1
13C-1,2,3,4,6,7,8-HpCDF	IS	101	28 - 143		01-Oct-20 14:38	1
13C-1,2,3,4,7,8,9-HpCDF	IS	99.8	26 - 138		01-Oct-20 14:38	1
13C-OCDF	IS	89.5	17 - 157		01-Oct-20 14:38	1
37Cl-2,3,7,8-TCDD	CRS	113	35 - 197		01-Oct-20 14:38	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Sample ID: OPR

EPA Method 1613B

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0198-BS1	Date Extracted:	25-Sep-20 13:59
Project:	Navigation Channel Project	QC Batch:	B0I0198	Column:	ZB-DIOXIN
Matrix:	Solid	Sample Size:	10.0 g		

Analyte	Amt Found (pg/g)	Spike Amt	% Recovery	Limits	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	20.9	20.0	105	67-158		01-Oct-20 11:43	1
1,2,3,7,8-PeCDD	104	100	104	70-142		01-Oct-20 11:43	1
1,2,3,4,7,8-HxCDD	113	100	113	70-164		01-Oct-20 11:43	1
1,2,3,6,7,8-HxCDD	112	100	112	76-134		01-Oct-20 11:43	1
1,2,3,7,8,9-HxCDD	114	100	114	64-162		01-Oct-20 11:43	1
1,2,3,4,6,7,8-HpCDD	113	100	113	70-140		01-Oct-20 11:43	1
OCDD	223	200	112	78-144		01-Oct-20 11:43	1
2,3,7,8-TCDF	23.2	20.0	116	75-158		01-Oct-20 11:43	1
1,2,3,7,8-PeCDF	112	100	112	80-134		01-Oct-20 11:43	1
2,3,4,7,8-PeCDF	111	100	111	68-160		01-Oct-20 11:43	1
1,2,3,4,7,8-HxCDF	123	100	123	72-134		01-Oct-20 11:43	1
1,2,3,6,7,8-HxCDF	122	100	122	84-130		01-Oct-20 11:43	1
2,3,4,6,7,8-HxCDF	124	100	124	70-156		01-Oct-20 11:43	1
1,2,3,7,8,9-HxCDF	121	100	121	78-130	B	01-Oct-20 11:43	1
1,2,3,4,6,7,8-HpCDF	119	100	119	82-122		01-Oct-20 11:43	1
1,2,3,4,7,8,9-HpCDF	125	100	125	78-138		01-Oct-20 11:43	1
OCDF	243	200	122	63-170		01-Oct-20 11:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	88.2	20-175		01-Oct-20 11:43	1
13C-1,2,3,7,8-PeCDD	IS	93.1	21-227		01-Oct-20 11:43	1
13C-1,2,3,4,7,8-HxCDD	IS	85.1	21-193		01-Oct-20 11:43	1
13C-1,2,3,6,7,8-HxCDD	IS	86.3	25-163		01-Oct-20 11:43	1
13C-1,2,3,7,8,9-HxCDD	IS	86.1	21-193		01-Oct-20 11:43	1
13C-1,2,3,4,6,7,8-HpCDD	IS	87.1	26-166		01-Oct-20 11:43	1
13C-OCDD	IS	84.1	13-199		01-Oct-20 11:43	1
13C-2,3,7,8-TCDF	IS	90.4	22-152		01-Oct-20 11:43	1
13C-1,2,3,7,8-PeCDF	IS	94.6	21-192		01-Oct-20 11:43	1
13C-2,3,4,7,8-PeCDF	IS	98.8	13-328		01-Oct-20 11:43	1
13C-1,2,3,4,7,8-HxCDF	IS	86.5	19-202		01-Oct-20 11:43	1
13C-1,2,3,6,7,8-HxCDF	IS	84.7	21-159		01-Oct-20 11:43	1
13C-2,3,4,6,7,8-HxCDF	IS	86.2	22-176		01-Oct-20 11:43	1
13C-1,2,3,7,8,9-HxCDF	IS	86.6	17-205		01-Oct-20 11:43	1
13C-1,2,3,4,6,7,8-HpCDF	IS	89.7	21-158		01-Oct-20 11:43	1
13C-1,2,3,4,7,8,9-HpCDF	IS	87.9	20-186		01-Oct-20 11:43	1
13C-OCDF	IS	82.0	13-199		01-Oct-20 11:43	1
37Cl-2,3,7,8-TCDD	CRS	102	31-191		01-Oct-20 11:43	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0198	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	11.1 g	Column:	ZB-DIOXIN
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND		0.231		01-Oct-20 17:33	1
1,2,3,7,8-PeCDD	ND		0.261		01-Oct-20 17:33	1
1,2,3,4,7,8-HxCDD	0.473			J	01-Oct-20 17:33	1
1,2,3,6,7,8-HxCDD	2.01			J	01-Oct-20 17:33	1
1,2,3,7,8,9-HxCDD	1.18			J	01-Oct-20 17:33	1
1,2,3,4,6,7,8-HpCDD	54.6				01-Oct-20 17:33	1
OCDD	507				01-Oct-20 17:33	1
2,3,7,8-TCDF	1.63				01-Oct-20 17:33	1
1,2,3,7,8-PeCDF	1.73			J	01-Oct-20 17:33	1
2,3,4,7,8-PeCDF	0.910			J	01-Oct-20 17:33	1
1,2,3,4,7,8-HxCDF	4.57			J	01-Oct-20 17:33	1
1,2,3,6,7,8-HxCDF	1.20			J	01-Oct-20 17:33	1
2,3,4,6,7,8-HxCDF	0.779			J	01-Oct-20 17:33	1
1,2,3,7,8,9-HxCDF	0.440			J, B	01-Oct-20 17:33	1
1,2,3,4,6,7,8-HpCDF	10.4				01-Oct-20 17:33	1
1,2,3,4,7,8,9-HpCDF	1.15			J	01-Oct-20 17:33	1
OCDF	27.7				01-Oct-20 17:33	1

Toxic Equivalent

TEQMinWHO2005Dioxin	2.38					
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Totals

Total TCDD	1.52		1.95			
Total PeCDD	1.67		2.50			
Total HxCDD	18.1					
Total HpCDD	120					
Total TCDF	5.80		6.56			
Total PeCDF	9.16					
Total HxCDF	19.4			B		
Total HpCDF	30.2					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	104	25 - 164		01-Oct-20 17:33	1
13C-1,2,3,7,8-PeCDD	IS	117	25 - 181		01-Oct-20 17:33	1
13C-1,2,3,4,7,8-HxCDD	IS	104	32 - 141		01-Oct-20 17:33	1
13C-1,2,3,6,7,8-HxCDD	IS	105	28 - 130		01-Oct-20 17:33	1
13C-1,2,3,7,8,9-HxCDD	IS	103	32 - 141		01-Oct-20 17:33	1
13C-1,2,3,4,6,7,8-HpCDD	IS	103	23 - 140		01-Oct-20 17:33	1
13C-OCDD	IS	96.9	17 - 157		01-Oct-20 17:33	1
13C-2,3,7,8-TCDF	IS	106	24 - 169		01-Oct-20 17:33	1
13C-1,2,3,7,8-PeCDF	IS	120	24 - 185		01-Oct-20 17:33	1
13C-2,3,4,7,8-PeCDF	IS	121	21 - 178		01-Oct-20 17:33	1
13C-1,2,3,4,7,8-HxCDF	IS	102	26 - 152		01-Oct-20 17:33	1
13C-1,2,3,6,7,8-HxCDF	IS	102	26 - 123		01-Oct-20 17:33	1
13C-2,3,4,6,7,8-HxCDF	IS	101	28 - 136		01-Oct-20 17:33	1
13C-1,2,3,7,8,9-HxCDF	IS	104	29 - 147		01-Oct-20 17:33	1
13C-1,2,3,4,6,7,8-HpCDF	IS	103	28 - 143		01-Oct-20 17:33	1
13C-1,2,3,4,7,8,9-HpCDF	IS	104	26 - 138		01-Oct-20 17:33	1
13C-OCDF	IS	92.9	17 - 157		01-Oct-20 17:33	1
37Cl-2,3,7,8-TCDD	CRS	116	35 - 197		01-Oct-20 17:33	1

EDL - Sample specific estimated detection limit
EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0198	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	10.9 g	Column:	ZB-DIOXIN
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND		0.200		01-Oct-20 18:17	1
1,2,3,7,8-PeCDD	0.293			J	01-Oct-20 18:17	1
1,2,3,4,7,8-HxCDD	0.585			J	01-Oct-20 18:17	1
1,2,3,6,7,8-HxCDD	3.41			J	01-Oct-20 18:17	1
1,2,3,7,8,9-HxCDD	1.17			J	01-Oct-20 18:17	1
1,2,3,4,6,7,8-HpCDD	196				01-Oct-20 18:17	1
OCDD	1520				01-Oct-20 18:17	1
2,3,7,8-TCDF	2.15				01-Oct-20 18:17	1
1,2,3,7,8-PeCDF	1.78			J	01-Oct-20 18:17	1
2,3,4,7,8-PeCDF	1.03			J	01-Oct-20 18:17	1
1,2,3,4,7,8-HxCDF	2.96			J	01-Oct-20 18:17	1
1,2,3,6,7,8-HxCDF	0.830			J	01-Oct-20 18:17	1
2,3,4,6,7,8-HxCDF	0.519			J	01-Oct-20 18:17	1
1,2,3,7,8,9-HxCDF	0.353			J, B	01-Oct-20 18:17	1
1,2,3,4,6,7,8-HpCDF	10.7				01-Oct-20 18:17	1
1,2,3,4,7,8,9-HpCDF	1.02			J	01-Oct-20 18:17	1
OCDF	55.4				01-Oct-20 18:17	1

Toxic Equivalent

TEQMinWHO2005Dioxin	4.40
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Totals

Total TCDD	1.62	1.90
Total PeCDD	3.31	3.88
Total HxCDD	46.4	
Total HpCDD	470	
Total TCDF	8.14	8.47
Total PeCDF	9.42	
Total HxCDF	14.5	B
Total HpCDF	50.1	

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	92.0	25 - 164		01-Oct-20 18:17	1
13C-1,2,3,7,8-PeCDD	IS	106	25 - 181		01-Oct-20 18:17	1
13C-1,2,3,4,7,8-HxCDD	IS	89.4	32 - 141		01-Oct-20 18:17	1
13C-1,2,3,6,7,8-HxCDD	IS	88.7	28 - 130		01-Oct-20 18:17	1
13C-1,2,3,7,8,9-HxCDD	IS	87.8	32 - 141		01-Oct-20 18:17	1
13C-1,2,3,4,6,7,8-HpCDD	IS	87.5	23 - 140		01-Oct-20 18:17	1
13C-OCDD	IS	67.0	17 - 157		01-Oct-20 18:17	1
13C-2,3,7,8-TCDF	IS	88.1	24 - 169		01-Oct-20 18:17	1
13C-1,2,3,7,8-PeCDF	IS	107	24 - 185		01-Oct-20 18:17	1
13C-2,3,4,7,8-PeCDF	IS	107	21 - 178		01-Oct-20 18:17	1
13C-1,2,3,4,7,8-HxCDF	IS	92.4	26 - 152		01-Oct-20 18:17	1
13C-1,2,3,6,7,8-HxCDF	IS	91.2	26 - 123		01-Oct-20 18:17	1
13C-2,3,4,6,7,8-HxCDF	IS	89.6	28 - 136		01-Oct-20 18:17	1
13C-1,2,3,7,8,9-HxCDF	IS	92.0	29 - 147		01-Oct-20 18:17	1
13C-1,2,3,4,6,7,8-HpCDF	IS	87.1	28 - 143		01-Oct-20 18:17	1
13C-1,2,3,4,7,8,9-HpCDF	IS	87.0	26 - 138		01-Oct-20 18:17	1
13C-OCDF	IS	66.1	17 - 157		01-Oct-20 18:17	1
37Cl-2,3,7,8-TCDD	CRS	106	35 - 197		01-Oct-20 18:17	1

EDL - Sample specific estimated detection limit
EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0198	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	10.1 g	Column:	ZB-DIOXIN
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND		0.147		01-Oct-20 19:01	1
1,2,3,7,8-PeCDD	ND		0.187		01-Oct-20 19:01	1
1,2,3,4,7,8-HxCDD	0.355			J	01-Oct-20 19:01	1
1,2,3,6,7,8-HxCDD	1.35			J	01-Oct-20 19:01	1
1,2,3,7,8,9-HxCDD	0.707			J	01-Oct-20 19:01	1
1,2,3,4,6,7,8-HpCDD	34.2				01-Oct-20 19:01	1
OCDD	330				01-Oct-20 19:01	1
2,3,7,8-TCDF	41.3				01-Oct-20 19:01	1
1,2,3,7,8-PeCDF	25.8				01-Oct-20 19:01	1
2,3,4,7,8-PeCDF	14.6				01-Oct-20 19:01	1
1,2,3,4,7,8-HxCDF	12.3				01-Oct-20 19:01	1
1,2,3,6,7,8-HxCDF	2.86			J	01-Oct-20 19:01	1
2,3,4,6,7,8-HxCDF	1.64			J	01-Oct-20 19:01	1
1,2,3,7,8,9-HxCDF	1.53			J, B	01-Oct-20 19:01	1
1,2,3,4,6,7,8-HpCDF	7.80				01-Oct-20 19:01	1
1,2,3,4,7,8,9-HpCDF	0.987			J	01-Oct-20 19:01	1
OCDF	20.3				01-Oct-20 19:01	1

Toxic Equivalent

TEQMinWHO2005Dioxin	11.9
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Totals

Total TCDD	1.28	1.56
Total PeCDD	1.38	1.93
Total HxCDD	12.2	
Total HpCDD	76.6	
Total TCDF	106	
Total PeCDF	86.1	
Total HxCDF	28.5	29.1
Total HpCDF	23.6	B

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	89.1	25 - 164		01-Oct-20 19:01	1
13C-1,2,3,7,8-PeCDD	IS	104	25 - 181		01-Oct-20 19:01	1
13C-1,2,3,4,7,8-HxCDD	IS	94.2	32 - 141		01-Oct-20 19:01	1
13C-1,2,3,6,7,8-HxCDD	IS	94.3	28 - 130		01-Oct-20 19:01	1
13C-1,2,3,7,8,9-HxCDD	IS	92.9	32 - 141		01-Oct-20 19:01	1
13C-1,2,3,4,6,7,8-HpCDD	IS	95.3	23 - 140		01-Oct-20 19:01	1
13C-OCDD	IS	84.7	17 - 157		01-Oct-20 19:01	1
13C-2,3,7,8-TCDF	IS	88.3	24 - 169		01-Oct-20 19:01	1
13C-1,2,3,7,8-PeCDF	IS	104	24 - 185		01-Oct-20 19:01	1
13C-2,3,4,7,8-PeCDF	IS	102	21 - 178		01-Oct-20 19:01	1
13C-1,2,3,4,7,8-HxCDF	IS	93.9	26 - 152		01-Oct-20 19:01	1
13C-1,2,3,6,7,8-HxCDF	IS	93.2	26 - 123		01-Oct-20 19:01	1
13C-2,3,4,6,7,8-HxCDF	IS	93.4	28 - 136		01-Oct-20 19:01	1
13C-1,2,3,7,8,9-HxCDF	IS	95.5	29 - 147		01-Oct-20 19:01	1
13C-1,2,3,4,6,7,8-HpCDF	IS	94.9	28 - 143		01-Oct-20 19:01	1
13C-1,2,3,4,7,8,9-HpCDF	IS	95.7	26 - 138		01-Oct-20 19:01	1
13C-OCDF	IS	82.6	17 - 157		01-Oct-20 19:01	1
37Cl-2,3,7,8-TCDD	CRS	103	35 - 197		01-Oct-20 19:01	1

EDL - Sample specific estimated detection limit
EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0198	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	10.8 g	Column:	ZB-DIOXIN
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND		0.315		01-Oct-20 19:44	1
1,2,3,7,8-PeCDD	0.861			J	01-Oct-20 19:44	1
1,2,3,4,7,8-HxCDD	0.814			J	01-Oct-20 19:44	1
1,2,3,6,7,8-HxCDD	5.05				01-Oct-20 19:44	1
1,2,3,7,8,9-HxCDD	2.23			J	01-Oct-20 19:44	1
1,2,3,4,6,7,8-HpCDD	243				01-Oct-20 19:44	1
OCDD	1750				01-Oct-20 19:44	1
2,3,7,8-TCDF	1.96				01-Oct-20 19:44	1
1,2,3,7,8-PeCDF	3.15			J	01-Oct-20 19:44	1
2,3,4,7,8-PeCDF	1.76			J	01-Oct-20 19:44	1
1,2,3,4,7,8-HxCDF	6.48				01-Oct-20 19:44	1
1,2,3,6,7,8-HxCDF	2.35			J	01-Oct-20 19:44	1
2,3,4,6,7,8-HxCDF	1.46			J	01-Oct-20 19:44	1
1,2,3,7,8,9-HxCDF	0.536			J, B	01-Oct-20 19:44	1
1,2,3,4,6,7,8-HpCDF	15.1				01-Oct-20 19:44	1
1,2,3,4,7,8,9-HpCDF	1.75			J	01-Oct-20 19:44	1
OCDF	51.2				01-Oct-20 19:44	1

Toxic Equivalent

TEQMinWHO2005Dioxin	6.71					
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Totals

Total TCDD	3.69		4.15			
Total PeCDD	8.10		8.82			
Total HxCDD	68.6					
Total HpCDD	521					
Total TCDF	7.92		8.83			
Total PeCDF	17.1					
Total HxCDF	30.4			B		
Total HpCDF	53.9					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	98.1	25 - 164		01-Oct-20 19:44	1
13C-1,2,3,7,8-PeCDD	IS	111	25 - 181		01-Oct-20 19:44	1
13C-1,2,3,4,7,8-HxCDD	IS	96.7	32 - 141		01-Oct-20 19:44	1
13C-1,2,3,6,7,8-HxCDD	IS	96.0	28 - 130		01-Oct-20 19:44	1
13C-1,2,3,7,8,9-HxCDD	IS	95.4	32 - 141		01-Oct-20 19:44	1
13C-1,2,3,4,6,7,8-HpCDD	IS	91.2	23 - 140		01-Oct-20 19:44	1
13C-OCDD	IS	81.9	17 - 157		01-Oct-20 19:44	1
13C-2,3,7,8-TCDF	IS	96.6	24 - 169		01-Oct-20 19:44	1
13C-1,2,3,7,8-PeCDF	IS	111	24 - 185		01-Oct-20 19:44	1
13C-2,3,4,7,8-PeCDF	IS	115	21 - 178		01-Oct-20 19:44	1
13C-1,2,3,4,7,8-HxCDF	IS	97.9	26 - 152		01-Oct-20 19:44	1
13C-1,2,3,6,7,8-HxCDF	IS	95.5	26 - 123		01-Oct-20 19:44	1
13C-2,3,4,6,7,8-HxCDF	IS	93.6	28 - 136		01-Oct-20 19:44	1
13C-1,2,3,7,8,9-HxCDF	IS	97.7	29 - 147		01-Oct-20 19:44	1
13C-1,2,3,4,6,7,8-HpCDF	IS	94.0	28 - 143		01-Oct-20 19:44	1
13C-1,2,3,4,7,8,9-HpCDF	IS	94.2	26 - 138		01-Oct-20 19:44	1
13C-OCDF	IS	79.6	17 - 157		01-Oct-20 19:44	1
37Cl-2,3,7,8-TCDD	CRS	112	35 - 197		01-Oct-20 19:44	1

EDL - Sample specific estimated detection limit
EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0198	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	11.1 g	Column:	ZB-DIOXIN
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	0.0784			01-Oct-20 20:28	1
1,2,3,7,8-PeCDD	0.307			J	01-Oct-20 20:28	1
1,2,3,4,7,8-HxCDD	0.631			J	01-Oct-20 20:28	1
1,2,3,6,7,8-HxCDD	3.01			J	01-Oct-20 20:28	1
1,2,3,7,8,9-HxCDD	1.35			J	01-Oct-20 20:28	1
1,2,3,4,6,7,8-HpCDD	149				01-Oct-20 20:28	1
OCDD	1300				01-Oct-20 20:28	1
2,3,7,8-TCDF	2.78				01-Oct-20 20:28	1
1,2,3,7,8-PeCDF	2.68			J	01-Oct-20 20:28	1
2,3,4,7,8-PeCDF	1.15			J	01-Oct-20 20:28	1
1,2,3,4,7,8-HxCDF	5.08				01-Oct-20 20:28	1
1,2,3,6,7,8-HxCDF	1.26			J	01-Oct-20 20:28	1
2,3,4,6,7,8-HxCDF	0.658			J	01-Oct-20 20:28	1
1,2,3,7,8,9-HxCDF	0.164			J, B	01-Oct-20 20:28	1
1,2,3,4,6,7,8-HpCDF	13.9				01-Oct-20 20:28	1
1,2,3,4,7,8,9-HpCDF	1.45			J	01-Oct-20 20:28	1
OCDF	58.2				01-Oct-20 20:28	1

Toxic Equivalent

TEQMinWHO2005Dioxin	4.28
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Totals

Total TCDD	1.55	1.84
Total PeCDD	2.56	3.48
Total HxCDD	36.9	
Total HpCDD	360	
Total TCDF	8.99	9.84
Total PeCDF	11.1	
Total HxCDF	19.9	20.6
Total HpCDF	52.3	B

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	59.3	25 - 164		01-Oct-20 20:28	1
13C-1,2,3,7,8-PeCDD	IS	85.7	25 - 181		01-Oct-20 20:28	1
13C-1,2,3,4,7,8-HxCDD	IS	86.1	32 - 141		01-Oct-20 20:28	1
13C-1,2,3,6,7,8-HxCDD	IS	88.8	28 - 130		01-Oct-20 20:28	1
13C-1,2,3,7,8,9-HxCDD	IS	93.7	32 - 141		01-Oct-20 20:28	1
13C-1,2,3,4,6,7,8-HpCDD	IS	90.6	23 - 140		01-Oct-20 20:28	1
13C-OCDD	IS	78.4	17 - 157		01-Oct-20 20:28	1
13C-2,3,7,8-TCDF	IS	56.2	24 - 169		01-Oct-20 20:28	1
13C-1,2,3,7,8-PeCDF	IS	81.1	24 - 185		01-Oct-20 20:28	1
13C-2,3,4,7,8-PeCDF	IS	79.6	21 - 178		01-Oct-20 20:28	1
13C-1,2,3,4,7,8-HxCDF	IS	85.1	26 - 152		01-Oct-20 20:28	1
13C-1,2,3,6,7,8-HxCDF	IS	86.8	26 - 123		01-Oct-20 20:28	1
13C-2,3,4,6,7,8-HxCDF	IS	88.9	28 - 136		01-Oct-20 20:28	1
13C-1,2,3,7,8,9-HxCDF	IS	91.0	29 - 147		01-Oct-20 20:28	1
13C-1,2,3,4,6,7,8-HpCDF	IS	91.9	28 - 143		01-Oct-20 20:28	1
13C-1,2,3,4,7,8,9-HpCDF	IS	89.7	26 - 138		01-Oct-20 20:28	1
13C-OCDF	IS	76.3	17 - 157		01-Oct-20 20:28	1
37Cl-2,3,7,8-TCDD	CRS	67.9	35 - 197		01-Oct-20 20:28	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Sample ID: Method Blank

EPA Method 1668A

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BLK1	Date Extracted:	25-Sep-20
Project:	Navigation Channel Project	QC Batch:	B0I0199	Column:	ZB-1
Matrix:	Solid	Sample Size:	3.00 g		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND	0.723			28-Sep-20 22:45	1
PCB-2	ND	0.786			28-Sep-20 22:45	1
PCB-3	ND	0.810			28-Sep-20 22:45	1
PCB-4/10	ND	4.89			28-Sep-20 22:45	1
PCB-5/8	ND	3.88			28-Sep-20 22:45	1
PCB-6	ND	3.76			28-Sep-20 22:45	1
PCB-7/9	ND	4.01			28-Sep-20 22:45	1
PCB-11	ND	3.55			28-Sep-20 22:45	1
PCB-12/13	ND	3.90			28-Sep-20 22:45	1
PCB-14	ND	0.456			28-Sep-20 22:45	1
PCB-15	ND	3.87			28-Sep-20 22:45	1
PCB-16/32	ND	1.18			28-Sep-20 22:45	1
PCB-17	ND	1.44			28-Sep-20 22:45	1
PCB-18	ND	1.33			28-Sep-20 22:45	1
PCB-19	ND	1.47			28-Sep-20 22:45	1
PCB-20/21/33	ND	0.864			28-Sep-20 22:45	1
PCB-22	ND	0.836			28-Sep-20 22:45	1
PCB-23	ND	0.921			28-Sep-20 22:45	1
PCB-24/27	ND	1.01			28-Sep-20 22:45	1
PCB-25	ND	0.856			28-Sep-20 22:45	1
PCB-26	ND	0.862			28-Sep-20 22:45	1
PCB-28	ND	0.794			28-Sep-20 22:45	1
PCB-29	ND	0.911			28-Sep-20 22:45	1
PCB-30	ND	0.905			28-Sep-20 22:45	1
PCB-31	ND	0.785			28-Sep-20 22:45	1
PCB-34	ND	0.860			28-Sep-20 22:45	1
PCB-35	ND	0.813			28-Sep-20 22:45	1
PCB-36	ND	0.788			28-Sep-20 22:45	1
PCB-37	ND	0.841			28-Sep-20 22:45	1
PCB-38	ND	0.806			28-Sep-20 22:45	1
PCB-39	ND	0.858			28-Sep-20 22:45	1
PCB-40	ND	0.787			28-Sep-20 22:45	1
PCB-41/64/71/72	ND	0.399			28-Sep-20 22:45	1
PCB-42/59	ND	0.451			28-Sep-20 22:45	1
PCB-43/49	ND	0.499			28-Sep-20 22:45	1
PCB-44	ND	0.575			28-Sep-20 22:45	1
PCB-45	ND	0.590			28-Sep-20 22:45	1
PCB-46	ND	0.610			28-Sep-20 22:45	1
PCB-47	ND	0.514			28-Sep-20 22:45	1
PCB-48/75	ND	0.423			28-Sep-20 22:45	1
PCB-50	ND	0.442			28-Sep-20 22:45	1
PCB-51	ND	0.476			28-Sep-20 22:45	1
PCB-52/69	ND	0.434			28-Sep-20 22:45	1
PCB-53	ND	0.508			28-Sep-20 22:45	1
PCB-54	ND	0.360			28-Sep-20 22:45	1
PCB-55	ND	0.334			28-Sep-20 22:45	1
PCB-56/60	ND	0.384			28-Sep-20 22:45	1
PCB-57	ND	0.359			28-Sep-20 22:45	1
PCB-58	ND	0.347			28-Sep-20 22:45	1
PCB-61/70	ND	0.396			28-Sep-20 22:45	1
PCB-62	ND	0.420			28-Sep-20 22:45	1
PCB-63	ND	0.389			28-Sep-20 22:45	1
PCB-65	ND	0.369			28-Sep-20 22:45	1

Sample ID: Method Blank

EPA Method 1668A

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BLK1		
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Solid	Sample Size:	3.00 g	Column:	ZB-1

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	ND	0.358			28-Sep-20 22:45	1
PCB-67	ND	0.385			28-Sep-20 22:45	1
PCB-68	ND	0.371			28-Sep-20 22:45	1
PCB-73	ND	0.351			28-Sep-20 22:45	1
PCB-74	ND	0.352			28-Sep-20 22:45	1
PCB-77	ND	0.404			28-Sep-20 22:45	1
PCB-78	ND	0.384			28-Sep-20 22:45	1
PCB-79	ND	0.343			28-Sep-20 22:45	1
PCB-80	ND	0.329			28-Sep-20 22:45	1
PCB-81	ND	0.417			28-Sep-20 22:45	1
PCB-82	ND	0.861			28-Sep-20 22:45	1
PCB-83	ND	0.468			28-Sep-20 22:45	1
PCB-84/92	ND	0.772			28-Sep-20 22:45	1
PCB-85/116	ND	0.607			28-Sep-20 22:45	1
PCB-86	ND	0.767			28-Sep-20 22:45	1
PCB-87/117/125	ND	0.550			28-Sep-20 22:45	1
PCB-88/91	ND	0.733			28-Sep-20 22:45	1
PCB-89	ND	0.711			28-Sep-20 22:45	1
PCB-90/101	ND	0.700			28-Sep-20 22:45	1
PCB-93	ND	0.834			28-Sep-20 22:45	1
PCB-94	ND	0.822			28-Sep-20 22:45	1
PCB-95/98/102	ND	0.648			28-Sep-20 22:45	1
PCB-96	ND	0.510			28-Sep-20 22:45	1
PCB-97	ND	0.668			28-Sep-20 22:45	1
PCB-99	ND	0.595			28-Sep-20 22:45	1
PCB-100	ND	0.618			28-Sep-20 22:45	1
PCB-103	ND	0.629			28-Sep-20 22:45	1
PCB-104	ND	0.525			28-Sep-20 22:45	1
PCB-105	ND	0.551			28-Sep-20 22:45	1
PCB-106/118	ND	0.534			28-Sep-20 22:45	1
PCB-107/109	ND	0.502			28-Sep-20 22:45	1
PCB-108/112	ND	0.593			28-Sep-20 22:45	1
PCB-110	ND	0.492			28-Sep-20 22:45	1
PCB-111/115	ND	0.448			28-Sep-20 22:45	1
PCB-113	ND	0.519			28-Sep-20 22:45	1
PCB-114	ND	0.522			28-Sep-20 22:45	1
PCB-119	ND	0.475			28-Sep-20 22:45	1
PCB-120	ND	0.427			28-Sep-20 22:45	1
PCB-121	ND	0.456			28-Sep-20 22:45	1
PCB-122	ND	0.630			28-Sep-20 22:45	1
PCB-123	ND	0.562			28-Sep-20 22:45	1
PCB-124	ND	0.482			28-Sep-20 22:45	1
PCB-126	ND	0.525			28-Sep-20 22:45	1
PCB-127	ND	0.536			28-Sep-20 22:45	1
PCB-128/162	ND	0.319			28-Sep-20 22:45	1
PCB-129	ND	0.391			28-Sep-20 22:45	1
PCB-130	ND	0.402			28-Sep-20 22:45	1
PCB-131/133	ND	0.341			28-Sep-20 22:45	1
PCB-132/161	ND	0.273			28-Sep-20 22:45	1
PCB-134/143	ND	0.369			28-Sep-20 22:45	1
PCB-135	ND	0.517			28-Sep-20 22:45	1
PCB-136	ND	0.467			28-Sep-20 22:45	1
PCB-137	ND	0.320			28-Sep-20 22:45	1

Sample ID: Method Blank

EPA Method 1668A

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BLK1		
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Solid	Sample Size:	3.00 g	Column:	ZB-1

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	ND	0.264			28-Sep-20 22:45	1
PCB-139/149	ND	0.503			28-Sep-20 22:45	1
PCB-140	ND	0.601			28-Sep-20 22:45	1
PCB-141	ND	0.347			28-Sep-20 22:45	1
PCB-142	ND	0.371			28-Sep-20 22:45	1
PCB-144	ND	0.605			28-Sep-20 22:45	1
PCB-145	ND	0.401			28-Sep-20 22:45	1
PCB-146/165	ND	0.275			28-Sep-20 22:45	1
PCB-147	ND	0.572			28-Sep-20 22:45	1
PCB-148	ND	0.567			28-Sep-20 22:45	1
PCB-150	ND	0.440			28-Sep-20 22:45	1
PCB-151	ND	0.607			28-Sep-20 22:45	1
PCB-152	ND	0.402			28-Sep-20 22:45	1
PCB-153	ND	0.261			28-Sep-20 22:45	1
PCB-154	ND	0.519			28-Sep-20 22:45	1
PCB-155	ND	0.457			28-Sep-20 22:45	1
PCB-156	ND	0.281			28-Sep-20 22:45	1
PCB-157	ND	0.290			28-Sep-20 22:45	1
PCB-158/160	ND	0.273			28-Sep-20 22:45	1
PCB-159	ND	0.238			28-Sep-20 22:45	1
PCB-166	ND	0.253			28-Sep-20 22:45	1
PCB-167	ND	0.255			28-Sep-20 22:45	1
PCB-168	ND	0.260			28-Sep-20 22:45	1
PCB-169	ND	0.297			28-Sep-20 22:45	1
PCB-170	ND	0.485			28-Sep-20 22:45	1
PCB-171	ND	0.435			28-Sep-20 22:45	1
PCB-172	ND	0.417			28-Sep-20 22:45	1
PCB-173	ND	0.481			28-Sep-20 22:45	1
PCB-174	ND	0.423			28-Sep-20 22:45	1
PCB-175	ND	0.364			28-Sep-20 22:45	1
PCB-176	ND	0.266			28-Sep-20 22:45	1
PCB-177	ND	0.448			28-Sep-20 22:45	1
PCB-178	ND	0.369			28-Sep-20 22:45	1
PCB-179	ND	0.268			28-Sep-20 22:45	1
PCB-180	ND	0.406			28-Sep-20 22:45	1
PCB-181	ND	0.389			28-Sep-20 22:45	1
PCB-182/187	ND	0.326			28-Sep-20 22:45	1
PCB-183	ND	0.340			28-Sep-20 22:45	1
PCB-184	ND	0.282			28-Sep-20 22:45	1
PCB-185	ND	0.408			28-Sep-20 22:45	1
PCB-186	ND	0.262			28-Sep-20 22:45	1
PCB-188	ND	0.270			28-Sep-20 22:45	1
PCB-189	ND	0.318			28-Sep-20 22:45	1
PCB-190	ND	0.367			28-Sep-20 22:45	1
PCB-191	ND	0.335			28-Sep-20 22:45	1
PCB-192	ND	0.314			28-Sep-20 22:45	1
PCB-193	ND	0.342			28-Sep-20 22:45	1
PCB-194	ND	0.352			28-Sep-20 22:45	1
PCB-195	ND	0.377			28-Sep-20 22:45	1
PCB-196/203	ND	0.389			28-Sep-20 22:45	1
PCB-197	ND	0.288			28-Sep-20 22:45	1
PCB-198	ND	0.410			28-Sep-20 22:45	1
PCB-199	ND	0.403			28-Sep-20 22:45	1

Sample ID: Method Blank

EPA Method 1668A

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BLK1	Date Extracted:	25-Sep-20
Project:	Navigation Channel Project	QC Batch:	B0I0199	Column:	ZB-1
Matrix:	Solid	Sample Size:	3.00 g		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	ND	0.304			28-Sep-20 22:45	1
PCB-201	ND	0.309			28-Sep-20 22:45	1
PCB-202	ND	0.279			28-Sep-20 22:45	1
PCB-204	ND	0.286			28-Sep-20 22:45	1
PCB-205	ND	0.305			28-Sep-20 22:45	1
PCB-206	ND	0.343			28-Sep-20 22:45	1
PCB-207	ND	0.185			28-Sep-20 22:45	1
PCB-208	ND	0.182			28-Sep-20 22:45	1
PCB-209	ND	0.399			28-Sep-20 22:45	1

Totals		
Total monoCB	ND	0.810
Total diCB	ND	4.89
Total triCB	ND	1.47
Total tetraCB	ND	0.787
Total pentaCB	ND	0.861
Total hexaCB	ND	1.61
Total heptaCB	ND	0.485
Total octaCB	ND	0.410
Total nonaCB	ND	0.343
DecaCB	ND	0.399
Total PCB	ND	

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	51.1	15 - 150		28-Sep-20 22:45	1
13C-PCB-3	IS	51.0	15 - 150		28-Sep-20 22:45	1
13C-PCB-4	IS	67.8	25 - 150		28-Sep-20 22:45	1
13C-PCB-11	IS	70.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-9	IS	67.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-19	IS	54.1	25 - 150		28-Sep-20 22:45	1
13C-PCB-28	IS	71.8	25 - 150		28-Sep-20 22:45	1
13C-PCB-32	IS	54.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-37	IS	74.9	25 - 150		28-Sep-20 22:45	1
13C-PCB-47	IS	74.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-52	IS	75.4	25 - 150		28-Sep-20 22:45	1
13C-PCB-54	IS	76.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-70	IS	74.9	25 - 150		28-Sep-20 22:45	1
13C-PCB-77	IS	71.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-80	IS	75.8	25 - 150		28-Sep-20 22:45	1
13C-PCB-81	IS	72.7	25 - 150		28-Sep-20 22:45	1
13C-PCB-95	IS	73.7	25 - 150		28-Sep-20 22:45	1
13C-PCB-97	IS	75.0	25 - 150		28-Sep-20 22:45	1
13C-PCB-101	IS	72.2	25 - 150		28-Sep-20 22:45	1
13C-PCB-104	IS	74.8	25 - 150		28-Sep-20 22:45	1
13C-PCB-105	IS	77.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-114	IS	77.8	25 - 150		28-Sep-20 22:45	1
13C-PCB-118	IS	73.9	25 - 150		28-Sep-20 22:45	1
13C-PCB-123	IS	73.1	25 - 150		28-Sep-20 22:45	1
13C-PCB-126	IS	75.6	25 - 150		28-Sep-20 22:45	1
13C-PCB-127	IS	79.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-138	IS	73.2	25 - 150		28-Sep-20 22:45	1
13C-PCB-141	IS	74.1	25 - 150		28-Sep-20 22:45	1

Sample ID: Method Blank

EPA Method 1668A

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BLK1	Date Extracted:	25-Sep-20
Project:	Navigation Channel Project	QC Batch:	B0I0199	Column:	ZB-1
Matrix:	Solid	Sample Size:	3.00 g		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	76.0	25 - 150		28-Sep-20 22:45	1
13C-PCB-155	IS	82.0	25 - 150		28-Sep-20 22:45	1
13C-PCB-156	IS	68.1	25 - 150		28-Sep-20 22:45	1
13C-PCB-157	IS	70.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-159	IS	72.9	25 - 150		28-Sep-20 22:45	1
13C-PCB-167	IS	72.1	25 - 150		28-Sep-20 22:45	1
13C-PCB-169	IS	67.6	25 - 150		28-Sep-20 22:45	1
13C-PCB-170	IS	69.7	25 - 150		28-Sep-20 22:45	1
13C-PCB-180	IS	72.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-188	IS	74.7	25 - 150		28-Sep-20 22:45	1
13C-PCB-189	IS	68.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-194	IS	79.2	25 - 150		28-Sep-20 22:45	1
13C-PCB-202	IS	78.3	25 - 150		28-Sep-20 22:45	1
13C-PCB-206	IS	63.5	25 - 150		28-Sep-20 22:45	1
13C-PCB-208	IS	75.6	25 - 150		28-Sep-20 22:45	1
13C-PCB-209	IS	50.9	25 - 150		28-Sep-20 22:45	1
13C-PCB-79	CRS	77.7	30 - 135		28-Sep-20 22:45	1
13C-PCB-178	CRS	80.3	30 - 135		28-Sep-20 22:45	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BS1	Date Extracted:	25-Sep-20 14:02
Project:	Navigation Channel Project	QC Batch:	B0I0199	Column:	ZB-1
Matrix:	Solid	Sample Size:	3.00 g		

Analyte	Amt Found (pg/g)	Spike Amt	% Recovery	Limits	Qualifiers	Analyzed	Dilution
PCB-1	1870	1670	112	50-150		28-Sep-20 18:43	1
PCB-3	1870	1670	112	50-150		28-Sep-20 18:43	1
PCB-4/10	3750	3330	113	50-150		28-Sep-20 18:43	1
PCB-15	1850	1670	111	50-150		28-Sep-20 18:43	1
PCB-19	1750	1670	105	50-150		28-Sep-20 18:43	1
PCB-37	1620	1670	97.0	50-150		28-Sep-20 18:43	1
PCB-54	1700	1670	102	50-150		28-Sep-20 18:43	1
PCB-77	1740	1670	104	50-150		28-Sep-20 18:43	1
PCB-81	1740	1670	104	50-150		28-Sep-20 18:43	1
PCB-104	1730	1670	104	50-150		28-Sep-20 18:43	1
PCB-105	1840	1670	110	50-150		28-Sep-20 18:43	1
PCB-106/118	3330	3330	99.9	50-150		28-Sep-20 18:43	1
PCB-114	1810	1670	109	50-150		28-Sep-20 18:43	1
PCB-123	1700	1670	102	50-150		28-Sep-20 18:43	1
PCB-126	1850	1670	111	50-150		28-Sep-20 18:43	1
PCB-155	1570	1670	94.2	50-150		28-Sep-20 18:43	1
PCB-156	1760	1670	105	50-150		28-Sep-20 18:43	1
PCB-157	1700	1670	102	50-150		28-Sep-20 18:43	1
PCB-167	1720	1670	103	50-150		28-Sep-20 18:43	1
PCB-169	1720	1670	103	50-150		28-Sep-20 18:43	1
PCB-188	1680	1670	101	50-150		28-Sep-20 18:43	1
PCB-189	1670	1670	100	50-150		28-Sep-20 18:43	1
PCB-202	1660	1670	99.5	50-150		28-Sep-20 18:43	1
PCB-205	1700	1670	102	50-150		28-Sep-20 18:43	1
PCB-206	1700	1670	102	50-150		28-Sep-20 18:43	1
PCB-208	1720	1670	103	50-150		28-Sep-20 18:43	1
PCB-209	1640	1670	98.5	50-150		28-Sep-20 18:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	65.2	15-140		28-Sep-20 18:43	1
13C-PCB-3	IS	65.6	15-140		28-Sep-20 18:43	1
13C-PCB-4	IS	80.1	30-140		28-Sep-20 18:43	1
13C-PCB-11	IS	82.8	30-140		28-Sep-20 18:43	1
13C-PCB-9	IS	80.0	30-140		28-Sep-20 18:43	1
13C-PCB-19	IS	70.5	30-140		28-Sep-20 18:43	1
13C-PCB-28	IS	77.4	30-140		28-Sep-20 18:43	1
13C-PCB-32	IS	67.8	30-140		28-Sep-20 18:43	1
13C-PCB-37	IS	81.0	30-140		28-Sep-20 18:43	1
13C-PCB-47	IS	83.1	30-140		28-Sep-20 18:43	1
13C-PCB-52	IS	85.3	30-140		28-Sep-20 18:43	1
13C-PCB-54	IS	86.2	30-140		28-Sep-20 18:43	1
13C-PCB-70	IS	86.1	30-140		28-Sep-20 18:43	1
13C-PCB-77	IS	81.1	30-140		28-Sep-20 18:43	1
13C-PCB-80	IS	86.0	30-140		28-Sep-20 18:43	1
13C-PCB-81	IS	82.2	30-140		28-Sep-20 18:43	1
13C-PCB-95	IS	86.6	30-140		28-Sep-20 18:43	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	B0I0199-BS1	Date Extracted:	25-Sep-20 14:02
Project:	Navigation Channel Project	QC Batch:	B0I0199	Column:	ZB-1
Matrix:	Solid	Sample Size:	3.00 g		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-97	IS	86.6	30-140		28-Sep-20 18:43	1
13C-PCB-101	IS	84.8	30-140		28-Sep-20 18:43	1
13C-PCB-104	IS	87.1	30-140		28-Sep-20 18:43	1
13C-PCB-105	IS	84.5	30-140		28-Sep-20 18:43	1
13C-PCB-114	IS	85.8	30-140		28-Sep-20 18:43	1
13C-PCB-118	IS	84.7	30-140		28-Sep-20 18:43	1
13C-PCB-123	IS	84.0	30-140		28-Sep-20 18:43	1
13C-PCB-126	IS	87.2	30-140		28-Sep-20 18:43	1
13C-PCB-127	IS	84.2	30-140		28-Sep-20 18:43	1
13C-PCB-138	IS	81.6	30-140		28-Sep-20 18:43	1
13C-PCB-141	IS	80.3	30-140		28-Sep-20 18:43	1
13C-PCB-153	IS	80.3	30-140		28-Sep-20 18:43	1
13C-PCB-155	IS	99.0	30-140		28-Sep-20 18:43	1
13C-PCB-156	IS	78.8	30-140		28-Sep-20 18:43	1
13C-PCB-157	IS	79.7	30-140		28-Sep-20 18:43	1
13C-PCB-159	IS	83.6	30-140		28-Sep-20 18:43	1
13C-PCB-167	IS	82.3	30-140		28-Sep-20 18:43	1
13C-PCB-169	IS	76.5	30-140		28-Sep-20 18:43	1
13C-PCB-170	IS	79.9	30-140		28-Sep-20 18:43	1
13C-PCB-180	IS	80.0	30-140		28-Sep-20 18:43	1
13C-PCB-188	IS	81.6	30-140		28-Sep-20 18:43	1
13C-PCB-189	IS	75.9	30-140		28-Sep-20 18:43	1
13C-PCB-194	IS	85.9	30-140		28-Sep-20 18:43	1
13C-PCB-202	IS	86.2	30-140		28-Sep-20 18:43	1
13C-PCB-206	IS	74.2	30-140		28-Sep-20 18:43	1
13C-PCB-208	IS	81.7	30-140		28-Sep-20 18:43	1
13C-PCB-209	IS	59.7	30-140		28-Sep-20 18:43	1
13C-PCB-79	CRS	85.1	25-125		28-Sep-20 18:43	1
13C-PCB-178	CRS	84.4	25-125		28-Sep-20 18:43	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.18 g	Column:	ZB-1
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND	1.14			29-Sep-20 18:53	1
PCB-2	ND		6.90		29-Sep-20 18:53	1
PCB-3	ND		3.63		29-Sep-20 18:53	1
PCB-4/10	ND	6.65			29-Sep-20 18:53	1
PCB-5/8	ND	0.853			29-Sep-20 18:53	1
PCB-6	ND	5.27			29-Sep-20 18:53	1
PCB-7/9	ND	5.62			29-Sep-20 18:53	1
PCB-11	ND	4.70			29-Sep-20 18:53	1
PCB-12/13	ND	5.15			29-Sep-20 18:53	1
PCB-14	ND	5.20			29-Sep-20 18:53	1
PCB-15	ND	5.11			29-Sep-20 18:53	1
PCB-16/32	17.8			J	29-Sep-20 18:53	1
PCB-17	15.0			J	29-Sep-20 18:53	1
PCB-18	25.8				29-Sep-20 18:53	1
PCB-19	17.5				29-Sep-20 18:53	1
PCB-20/21/33	28.8			J	29-Sep-20 18:53	1
PCB-22	14.5			J	29-Sep-20 18:53	1
PCB-23	ND	1.54			29-Sep-20 18:53	1
PCB-24/27	ND		3.63		29-Sep-20 18:53	1
PCB-25	ND		5.46		29-Sep-20 18:53	1
PCB-26	11.7			J	29-Sep-20 18:53	1
PCB-28	54.9				29-Sep-20 18:53	1
PCB-29	ND	1.52			29-Sep-20 18:53	1
PCB-30	ND	1.07			29-Sep-20 18:53	1
PCB-31	44.3				29-Sep-20 18:53	1
PCB-34	ND	1.44			29-Sep-20 18:53	1
PCB-35	ND	1.57			29-Sep-20 18:53	1
PCB-36	ND	1.52			29-Sep-20 18:53	1
PCB-37	19.8				29-Sep-20 18:53	1
PCB-38	ND	1.55			29-Sep-20 18:53	1
PCB-39	ND	1.65			29-Sep-20 18:53	1
PCB-40	15.1			J	29-Sep-20 18:53	1
PCB-41/64/71/72	61.6			J	29-Sep-20 18:53	1
PCB-42/59	21.8			J	29-Sep-20 18:53	1
PCB-43/49	77.0				29-Sep-20 18:53	1
PCB-44	65.4				29-Sep-20 18:53	1
PCB-45	7.42			J	29-Sep-20 18:53	1
PCB-46	4.83			J	29-Sep-20 18:53	1
PCB-47	53.8				29-Sep-20 18:53	1
PCB-48/75	12.9			J	29-Sep-20 18:53	1
PCB-50	ND	1.60			29-Sep-20 18:53	1
PCB-51	12.0			J	29-Sep-20 18:53	1
PCB-52/69	90.9				29-Sep-20 18:53	1
PCB-53	ND		14.2		29-Sep-20 18:53	1
PCB-54	ND		2.44		29-Sep-20 18:53	1
PCB-55	ND	1.19			29-Sep-20 18:53	1
PCB-56/60	43.7				29-Sep-20 18:53	1
PCB-57	ND		1.41		29-Sep-20 18:53	1
PCB-58	ND		0.983		29-Sep-20 18:53	1
PCB-61/70	101				29-Sep-20 18:53	1
PCB-62	ND	1.47			29-Sep-20 18:53	1
PCB-63	4.47			J	29-Sep-20 18:53	1
PCB-65	ND	1.29			29-Sep-20 18:53	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.18 g	Column:	ZB-1
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	83.2				29-Sep-20 18:53	1
PCB-67	2.85			J	29-Sep-20 18:53	1
PCB-68	ND		2.61		29-Sep-20 18:53	1
PCB-73	ND	1.22			29-Sep-20 18:53	1
PCB-74	36.9				29-Sep-20 18:53	1
PCB-77	9.55			J	29-Sep-20 18:53	1
PCB-78	ND	1.35			29-Sep-20 18:53	1
PCB-79	4.39			J	29-Sep-20 18:53	1
PCB-80	ND	1.17			29-Sep-20 18:53	1
PCB-81	ND		1.17		29-Sep-20 18:53	1
PCB-82	ND		17.7		29-Sep-20 18:53	1
PCB-83	ND	1.16			29-Sep-20 18:53	1
PCB-84/92	74.3				29-Sep-20 18:53	1
PCB-85/116	25.2			J	29-Sep-20 18:53	1
PCB-86	ND	1.90			29-Sep-20 18:53	1
PCB-87/117/125	50.7				29-Sep-20 18:53	1
PCB-88/91	29.4			J	29-Sep-20 18:53	1
PCB-89	ND	1.70			29-Sep-20 18:53	1
PCB-90/101	194				29-Sep-20 18:53	1
PCB-93	ND	1.99			29-Sep-20 18:53	1
PCB-94	ND	1.96			29-Sep-20 18:53	1
PCB-95/98/102	122				29-Sep-20 18:53	1
PCB-96	ND	1.20			29-Sep-20 18:53	1
PCB-97	49.4				29-Sep-20 18:53	1
PCB-99	90.7				29-Sep-20 18:53	1
PCB-100	5.59			J	29-Sep-20 18:53	1
PCB-103	4.84			J	29-Sep-20 18:53	1
PCB-104	ND	1.23			29-Sep-20 18:53	1
PCB-105	59.9				29-Sep-20 18:53	1
PCB-106/118	152				29-Sep-20 18:53	1
PCB-107/109	13.9			J	29-Sep-20 18:53	1
PCB-108/112	ND	1.47			29-Sep-20 18:53	1
PCB-110	190				29-Sep-20 18:53	1
PCB-111/115	ND		1.78		29-Sep-20 18:53	1
PCB-113	ND	1.24			29-Sep-20 18:53	1
PCB-114	ND		3.92		29-Sep-20 18:53	1
PCB-119	8.99			J	29-Sep-20 18:53	1
PCB-120	ND		2.07		29-Sep-20 18:53	1
PCB-121	ND	1.09			29-Sep-20 18:53	1
PCB-122	ND	2.35			29-Sep-20 18:53	1
PCB-123	ND		2.98		29-Sep-20 18:53	1
PCB-124	ND		6.51		29-Sep-20 18:53	1
PCB-126	ND	2.00			29-Sep-20 18:53	1
PCB-127	ND	1.94			29-Sep-20 18:53	1
PCB-128/162	34.9				29-Sep-20 18:53	1
PCB-129	11.1			J	29-Sep-20 18:53	1
PCB-130	19.8				29-Sep-20 18:53	1
PCB-131/133	8.81			J	29-Sep-20 18:53	1
PCB-132/161	63.3				29-Sep-20 18:53	1
PCB-134/143	13.5			J	29-Sep-20 18:53	1
PCB-135	30.5				29-Sep-20 18:53	1
PCB-136	36.7				29-Sep-20 18:53	1
PCB-137	ND		7.66		29-Sep-20 18:53	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.18 g	Column:	ZB-1
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	263				29-Sep-20 18:53	1
PCB-139/149	206				29-Sep-20 18:53	1
PCB-140	ND	1.64			29-Sep-20 18:53	1
PCB-141	50.8				29-Sep-20 18:53	1
PCB-142	ND	1.27			29-Sep-20 18:53	1
PCB-144	13.1			J	29-Sep-20 18:53	1
PCB-145	ND	1.09			29-Sep-20 18:53	1
PCB-146/165	49.6				29-Sep-20 18:53	1
PCB-147	ND		5.98		29-Sep-20 18:53	1
PCB-148	ND	1.54			29-Sep-20 18:53	1
PCB-150	ND	1.20			29-Sep-20 18:53	1
PCB-151	67.1				29-Sep-20 18:53	1
PCB-152	ND	1.10			29-Sep-20 18:53	1
PCB-153	265				29-Sep-20 18:53	1
PCB-154	ND		7.46		29-Sep-20 18:53	1
PCB-155	ND	1.25			29-Sep-20 18:53	1
PCB-156	23.4				29-Sep-20 18:53	1
PCB-157	ND		5.09		29-Sep-20 18:53	1
PCB-158/160	ND		24.3		29-Sep-20 18:53	1
PCB-159	ND	0.800			29-Sep-20 18:53	1
PCB-166	ND	0.852			29-Sep-20 18:53	1
PCB-167	9.73			J	29-Sep-20 18:53	1
PCB-168	ND	0.888			29-Sep-20 18:53	1
PCB-169	ND	0.911			29-Sep-20 18:53	1
PCB-170	85.2				29-Sep-20 18:53	1
PCB-171	25.1				29-Sep-20 18:53	1
PCB-172	ND		11.2		29-Sep-20 18:53	1
PCB-173	ND		2.52		29-Sep-20 18:53	1
PCB-174	94.3				29-Sep-20 18:53	1
PCB-175	ND		2.35		29-Sep-20 18:53	1
PCB-176	ND		11.5		29-Sep-20 18:53	1
PCB-177	56.4				29-Sep-20 18:53	1
PCB-178	21.6				29-Sep-20 18:53	1
PCB-179	40.0				29-Sep-20 18:53	1
PCB-180	194				29-Sep-20 18:53	1
PCB-181	ND	0.857			29-Sep-20 18:53	1
PCB-182/187	116				29-Sep-20 18:53	1
PCB-183	48.1				29-Sep-20 18:53	1
PCB-184	ND	0.669			29-Sep-20 18:53	1
PCB-185	ND		8.59		29-Sep-20 18:53	1
PCB-186	ND	0.620			29-Sep-20 18:53	1
PCB-188	ND	0.639			29-Sep-20 18:53	1
PCB-189	4.74			J	29-Sep-20 18:53	1
PCB-190	ND		16.0		29-Sep-20 18:53	1
PCB-191	3.64			J	29-Sep-20 18:53	1
PCB-192	ND	0.691			29-Sep-20 18:53	1
PCB-193	12.0			J	29-Sep-20 18:53	1
PCB-194	60.4				29-Sep-20 18:53	1
PCB-195	ND		18.4		29-Sep-20 18:53	1
PCB-196/203	85.6				29-Sep-20 18:53	1
PCB-197	ND		2.05		29-Sep-20 18:53	1
PCB-198	ND		2.30		29-Sep-20 18:53	1
PCB-199	96.1				29-Sep-20 18:53	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.18 g	Column:	ZB-1
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	7.76			J	29-Sep-20 18:53	1
PCB-201	9.22			J	29-Sep-20 18:53	1
PCB-202	21.6				29-Sep-20 18:53	1
PCB-204	ND	0.678			29-Sep-20 18:53	1
PCB-205	3.09			J	29-Sep-20 18:53	1
PCB-206	162				29-Sep-20 18:53	1
PCB-207	ND		12.0		29-Sep-20 18:53	1
PCB-208	49.9				29-Sep-20 18:53	1
PCB-209	153				29-Sep-20 18:53	1

Totals						
Total monoCB	ND		10.5			
Total diCB	ND	6.65				
Total triCB	250		259			
Total tetraCB	709		731			
Total pentaCB	1070		1110			
Total hexaCB	1170		1220			
Total heptaCB	701		753			
Total octaCB	284		307			
Total nonaCB	212		224			
DecaCB	153					
Total PCB	4550					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	81.1	15 - 150		29-Sep-20 18:53	1
13C-PCB-3	IS	83.9	15 - 150		29-Sep-20 18:53	1
13C-PCB-4	IS	82.2	25 - 150		29-Sep-20 18:53	1
13C-PCB-11	IS	89.0	25 - 150		29-Sep-20 18:53	1
13C-PCB-9	IS	81.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-19	IS	80.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-28	IS	84.2	25 - 150		29-Sep-20 18:53	1
13C-PCB-32	IS	79.7	25 - 150		29-Sep-20 18:53	1
13C-PCB-37	IS	78.5	25 - 150		29-Sep-20 18:53	1
13C-PCB-47	IS	81.2	25 - 150		29-Sep-20 18:53	1
13C-PCB-52	IS	83.8	25 - 150		29-Sep-20 18:53	1
13C-PCB-54	IS	81.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-70	IS	84.0	25 - 150		29-Sep-20 18:53	1
13C-PCB-77	IS	81.4	25 - 150		29-Sep-20 18:53	1
13C-PCB-80	IS	83.4	25 - 150		29-Sep-20 18:53	1
13C-PCB-81	IS	82.0	25 - 150		29-Sep-20 18:53	1
13C-PCB-95	IS	83.2	25 - 150		29-Sep-20 18:53	1
13C-PCB-97	IS	82.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-101	IS	81.7	25 - 150		29-Sep-20 18:53	1
13C-PCB-104	IS	85.1	25 - 150		29-Sep-20 18:53	1
13C-PCB-105	IS	88.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-114	IS	87.1	25 - 150		29-Sep-20 18:53	1
13C-PCB-118	IS	82.2	25 - 150		29-Sep-20 18:53	1
13C-PCB-123	IS	81.6	25 - 150		29-Sep-20 18:53	1
13C-PCB-126	IS	82.7	25 - 150		29-Sep-20 18:53	1
13C-PCB-127	IS	91.0	25 - 150		29-Sep-20 18:53	1
13C-PCB-138	IS	82.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-141	IS	85.6	25 - 150		29-Sep-20 18:53	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-01	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.18 g	Column:	ZB-1
Date Collected:	23-Sep-20 13:50	% Solids:	47.9		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	86.8	25 - 150		29-Sep-20 18:53	1
13C-PCB-155	IS	104	25 - 150		29-Sep-20 18:53	1
13C-PCB-156	IS	81.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-157	IS	84.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-159	IS	83.1	25 - 150		29-Sep-20 18:53	1
13C-PCB-167	IS	82.5	25 - 150		29-Sep-20 18:53	1
13C-PCB-169	IS	85.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-170	IS	86.0	25 - 150		29-Sep-20 18:53	1
13C-PCB-180	IS	86.8	25 - 150		29-Sep-20 18:53	1
13C-PCB-188	IS	85.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-189	IS	84.7	25 - 150		29-Sep-20 18:53	1
13C-PCB-194	IS	77.9	25 - 150		29-Sep-20 18:53	1
13C-PCB-202	IS	103	25 - 150		29-Sep-20 18:53	1
13C-PCB-206	IS	85.4	25 - 150		29-Sep-20 18:53	1
13C-PCB-208	IS	75.3	25 - 150		29-Sep-20 18:53	1
13C-PCB-209	IS	114	25 - 150		29-Sep-20 18:53	1
13C-PCB-79	CRS	85.6	30 - 135		29-Sep-20 18:53	1
13C-PCB-178	CRS	88.5	30 - 135		29-Sep-20 18:53	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.52 g	Column:	ZB-1
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND		5.80		29-Sep-20 19:54	1
PCB-2	8.36			J	29-Sep-20 19:54	1
PCB-3	7.26			J	29-Sep-20 19:54	1
PCB-4/10	ND	4.06			29-Sep-20 19:54	1
PCB-5/8	ND	3.12			29-Sep-20 19:54	1
PCB-6	ND	3.02			29-Sep-20 19:54	1
PCB-7/9	ND	3.22			29-Sep-20 19:54	1
PCB-11	15.5				29-Sep-20 19:54	1
PCB-12/13	ND	4.32			29-Sep-20 19:54	1
PCB-14	ND	4.36			29-Sep-20 19:54	1
PCB-15	ND		9.93		29-Sep-20 19:54	1
PCB-16/32	24.6				29-Sep-20 19:54	1
PCB-17	18.4				29-Sep-20 19:54	1
PCB-18	12.2				29-Sep-20 19:54	1
PCB-19	8.26			J	29-Sep-20 19:54	1
PCB-20/21/33	29.1			J	29-Sep-20 19:54	1
PCB-22	ND		14.4		29-Sep-20 19:54	1
PCB-23	ND	1.06			29-Sep-20 19:54	1
PCB-24/27	2.85			J	29-Sep-20 19:54	1
PCB-25	ND		4.08		29-Sep-20 19:54	1
PCB-26	10.5			J	29-Sep-20 19:54	1
PCB-28	62.0				29-Sep-20 19:54	1
PCB-29	ND	1.05			29-Sep-20 19:54	1
PCB-30	ND	0.732			29-Sep-20 19:54	1
PCB-31	49.8				29-Sep-20 19:54	1
PCB-34	ND	0.993			29-Sep-20 19:54	1
PCB-35	ND	1.01			29-Sep-20 19:54	1
PCB-36	ND	0.984			29-Sep-20 19:54	1
PCB-37	17.4				29-Sep-20 19:54	1
PCB-38	ND	1.01			29-Sep-20 19:54	1
PCB-39	ND	1.07			29-Sep-20 19:54	1
PCB-40	14.4				29-Sep-20 19:54	1
PCB-41/64/71/72	60.9				29-Sep-20 19:54	1
PCB-42/59	21.5			J	29-Sep-20 19:54	1
PCB-43/49	62.8				29-Sep-20 19:54	1
PCB-44	72.5				29-Sep-20 19:54	1
PCB-45	11.6			J	29-Sep-20 19:54	1
PCB-46	ND		4.97		29-Sep-20 19:54	1
PCB-47	40.3				29-Sep-20 19:54	1
PCB-48/75	12.0			J	29-Sep-20 19:54	1
PCB-50	ND	0.666			29-Sep-20 19:54	1
PCB-51	ND		6.43		29-Sep-20 19:54	1
PCB-52/69	107				29-Sep-20 19:54	1
PCB-53	15.6				29-Sep-20 19:54	1
PCB-54	ND	0.543			29-Sep-20 19:54	1
PCB-55	ND	0.468			29-Sep-20 19:54	1
PCB-56/60	42.6				29-Sep-20 19:54	1
PCB-57	ND	0.500			29-Sep-20 19:54	1
PCB-58	ND	0.483			29-Sep-20 19:54	1
PCB-61/70	97.0				29-Sep-20 19:54	1
PCB-62	ND	0.637			29-Sep-20 19:54	1
PCB-63	ND		2.90		29-Sep-20 19:54	1
PCB-65	ND	0.560			29-Sep-20 19:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.52 g	Column:	ZB-1
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	67.4				29-Sep-20 19:54	1
PCB-67	ND	0.536			29-Sep-20 19:54	1
PCB-68	2.44			J	29-Sep-20 19:54	1
PCB-73	ND	0.486			29-Sep-20 19:54	1
PCB-74	30.8				29-Sep-20 19:54	1
PCB-77	8.60			J	29-Sep-20 19:54	1
PCB-78	ND	0.519			29-Sep-20 19:54	1
PCB-79	1.80			J	29-Sep-20 19:54	1
PCB-80	ND	0.461			29-Sep-20 19:54	1
PCB-81	ND		1.15		29-Sep-20 19:54	1
PCB-82	16.8				29-Sep-20 19:54	1
PCB-83	ND	0.737			29-Sep-20 19:54	1
PCB-84/92	79.1				29-Sep-20 19:54	1
PCB-85/116	23.6			J	29-Sep-20 19:54	1
PCB-86	ND	1.21			29-Sep-20 19:54	1
PCB-87/117/125	54.8				29-Sep-20 19:54	1
PCB-88/91	24.3				29-Sep-20 19:54	1
PCB-89	ND	0.547			29-Sep-20 19:54	1
PCB-90/101	238				29-Sep-20 19:54	1
PCB-93	4.50			J	29-Sep-20 19:54	1
PCB-94	2.17			J	29-Sep-20 19:54	1
PCB-95/98/102	158				29-Sep-20 19:54	1
PCB-96	ND		1.84		29-Sep-20 19:54	1
PCB-97	43.1				29-Sep-20 19:54	1
PCB-99	66.8				29-Sep-20 19:54	1
PCB-100	2.64			J	29-Sep-20 19:54	1
PCB-103	3.71			J	29-Sep-20 19:54	1
PCB-104	ND	0.783			29-Sep-20 19:54	1
PCB-105	ND		49.9		29-Sep-20 19:54	1
PCB-106/118	140				29-Sep-20 19:54	1
PCB-107/109	10.6			J	29-Sep-20 19:54	1
PCB-108/112	6.44			J	29-Sep-20 19:54	1
PCB-110	189				29-Sep-20 19:54	1
PCB-111/115	2.03			J	29-Sep-20 19:54	1
PCB-113	ND		1.87		29-Sep-20 19:54	1
PCB-114	2.97			J	29-Sep-20 19:54	1
PCB-119	6.26			J	29-Sep-20 19:54	1
PCB-120	2.04			J	29-Sep-20 19:54	1
PCB-121	ND	0.689			29-Sep-20 19:54	1
PCB-122	ND		1.58		29-Sep-20 19:54	1
PCB-123	1.91			J	29-Sep-20 19:54	1
PCB-124	ND		5.54		29-Sep-20 19:54	1
PCB-126	ND	0.900			29-Sep-20 19:54	1
PCB-127	ND	0.900			29-Sep-20 19:54	1
PCB-128/162	33.1				29-Sep-20 19:54	1
PCB-129	8.45			J	29-Sep-20 19:54	1
PCB-130	18.8				29-Sep-20 19:54	1
PCB-131/133	8.48			J	29-Sep-20 19:54	1
PCB-132/161	86.3				29-Sep-20 19:54	1
PCB-134/143	ND		14.4		29-Sep-20 19:54	1
PCB-135	40.4				29-Sep-20 19:54	1
PCB-136	63.3				29-Sep-20 19:54	1
PCB-137	ND		7.10		29-Sep-20 19:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.52 g	Column:	ZB-1
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	330				29-Sep-20 19:54	1
PCB-139/149	313				29-Sep-20 19:54	1
PCB-140	ND	0.497			29-Sep-20 19:54	1
PCB-141	82.7				29-Sep-20 19:54	1
PCB-142	ND	0.957			29-Sep-20 19:54	1
PCB-144	ND		18.2		29-Sep-20 19:54	1
PCB-145	ND	0.332			29-Sep-20 19:54	1
PCB-146/165	55.9				29-Sep-20 19:54	1
PCB-147	5.29			J	29-Sep-20 19:54	1
PCB-148	ND	0.469			29-Sep-20 19:54	1
PCB-150	ND		1.27		29-Sep-20 19:54	1
PCB-151	114				29-Sep-20 19:54	1
PCB-152	ND	0.332			29-Sep-20 19:54	1
PCB-153	370				29-Sep-20 19:54	1
PCB-154	ND		3.90		29-Sep-20 19:54	1
PCB-155	ND	0.378			29-Sep-20 19:54	1
PCB-156	28.1				29-Sep-20 19:54	1
PCB-157	ND		5.02		29-Sep-20 19:54	1
PCB-158/160	33.2				29-Sep-20 19:54	1
PCB-159	ND	0.591			29-Sep-20 19:54	1
PCB-166	ND	0.629			29-Sep-20 19:54	1
PCB-167	10.6			J	29-Sep-20 19:54	1
PCB-168	ND	0.670			29-Sep-20 19:54	1
PCB-169	ND	0.666			29-Sep-20 19:54	1
PCB-170	132				29-Sep-20 19:54	1
PCB-171	38.6				29-Sep-20 19:54	1
PCB-172	21.2				29-Sep-20 19:54	1
PCB-173	ND		2.28		29-Sep-20 19:54	1
PCB-174	162				29-Sep-20 19:54	1
PCB-175	6.14			J	29-Sep-20 19:54	1
PCB-176	20.9				29-Sep-20 19:54	1
PCB-177	93.4				29-Sep-20 19:54	1
PCB-178	28.0				29-Sep-20 19:54	1
PCB-179	69.7				29-Sep-20 19:54	1
PCB-180	339				29-Sep-20 19:54	1
PCB-181	ND	0.638			29-Sep-20 19:54	1
PCB-182/187	179				29-Sep-20 19:54	1
PCB-183	87.3				29-Sep-20 19:54	1
PCB-184	ND	0.482			29-Sep-20 19:54	1
PCB-185	20.0				29-Sep-20 19:54	1
PCB-186	ND	0.447			29-Sep-20 19:54	1
PCB-188	ND	0.461			29-Sep-20 19:54	1
PCB-189	ND		3.78		29-Sep-20 19:54	1
PCB-190	27.2				29-Sep-20 19:54	1
PCB-191	5.35			J	29-Sep-20 19:54	1
PCB-192	ND	0.515			29-Sep-20 19:54	1
PCB-193	18.2				29-Sep-20 19:54	1
PCB-194	83.2				29-Sep-20 19:54	1
PCB-195	29.9				29-Sep-20 19:54	1
PCB-196/203	94.9				29-Sep-20 19:54	1
PCB-197	3.29			J	29-Sep-20 19:54	1
PCB-198	ND		3.07		29-Sep-20 19:54	1
PCB-199	92.8				29-Sep-20 19:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.52 g	Column:	ZB-1
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	11.7			J	29-Sep-20 19:54	1
PCB-201	12.8				29-Sep-20 19:54	1
PCB-202	17.6				29-Sep-20 19:54	1
PCB-204	ND	0.909			29-Sep-20 19:54	1
PCB-205	ND		3.70		29-Sep-20 19:54	1
PCB-206	48.6				29-Sep-20 19:54	1
PCB-207	ND		5.70		29-Sep-20 19:54	1
PCB-208	15.6				29-Sep-20 19:54	1
PCB-209	46.2				29-Sep-20 19:54	1

Totals						
Total monoCB	15.6		21.4			
Total diCB	15.5		25.4			
Total triCB	235		254			
Total tetraCB	669		684			
Total pentaCB	1080		1140			
Total hexaCB	1600		1650			
Total heptaCB	1250		1260			
Total octaCB	346		353			
Total nonaCB	64.1		69.8			
DecaCB	46.2					
Total PCB	5320					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	92.2	15 - 150		29-Sep-20 19:54	1
13C-PCB-3	IS	98.8	15 - 150		29-Sep-20 19:54	1
13C-PCB-4	IS	101	25 - 150		29-Sep-20 19:54	1
13C-PCB-11	IS	113	25 - 150		29-Sep-20 19:54	1
13C-PCB-9	IS	103	25 - 150		29-Sep-20 19:54	1
13C-PCB-19	IS	104	25 - 150		29-Sep-20 19:54	1
13C-PCB-28	IS	82.5	25 - 150		29-Sep-20 19:54	1
13C-PCB-32	IS	106	25 - 150		29-Sep-20 19:54	1
13C-PCB-37	IS	80.5	25 - 150		29-Sep-20 19:54	1
13C-PCB-47	IS	78.3	25 - 150		29-Sep-20 19:54	1
13C-PCB-52	IS	78.3	25 - 150		29-Sep-20 19:54	1
13C-PCB-54	IS	75.1	25 - 150		29-Sep-20 19:54	1
13C-PCB-70	IS	78.5	25 - 150		29-Sep-20 19:54	1
13C-PCB-77	IS	78.0	25 - 150		29-Sep-20 19:54	1
13C-PCB-80	IS	79.4	25 - 150		29-Sep-20 19:54	1
13C-PCB-81	IS	79.0	25 - 150		29-Sep-20 19:54	1
13C-PCB-95	IS	77.0	25 - 150		29-Sep-20 19:54	1
13C-PCB-97	IS	78.4	25 - 150		29-Sep-20 19:54	1
13C-PCB-101	IS	77.6	25 - 150		29-Sep-20 19:54	1
13C-PCB-104	IS	79.2	25 - 150		29-Sep-20 19:54	1
13C-PCB-105	IS	80.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-114	IS	81.3	25 - 150		29-Sep-20 19:54	1
13C-PCB-118	IS	78.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-123	IS	79.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-126	IS	77.0	25 - 150		29-Sep-20 19:54	1
13C-PCB-127	IS	81.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-138	IS	78.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-141	IS	77.5	25 - 150		29-Sep-20 19:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-02	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.52 g	Column:	ZB-1
Date Collected:	23-Sep-20 09:49	% Solids:	59.1		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	77.3	25 - 150		29-Sep-20 19:54	1
13C-PCB-155	IS	93.8	25 - 150		29-Sep-20 19:54	1
13C-PCB-156	IS	78.6	25 - 150		29-Sep-20 19:54	1
13C-PCB-157	IS	78.1	25 - 150		29-Sep-20 19:54	1
13C-PCB-159	IS	79.4	25 - 150		29-Sep-20 19:54	1
13C-PCB-167	IS	77.6	25 - 150		29-Sep-20 19:54	1
13C-PCB-169	IS	76.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-170	IS	85.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-180	IS	79.2	25 - 150		29-Sep-20 19:54	1
13C-PCB-188	IS	80.1	25 - 150		29-Sep-20 19:54	1
13C-PCB-189	IS	80.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-194	IS	74.9	25 - 150		29-Sep-20 19:54	1
13C-PCB-202	IS	95.0	25 - 150		29-Sep-20 19:54	1
13C-PCB-206	IS	83.7	25 - 150		29-Sep-20 19:54	1
13C-PCB-208	IS	71.4	25 - 150		29-Sep-20 19:54	1
13C-PCB-209	IS	114	25 - 150		29-Sep-20 19:54	1
13C-PCB-79	CRS	81.9	30 - 135		29-Sep-20 19:54	1
13C-PCB-178	CRS	83.9	30 - 135		29-Sep-20 19:54	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.44 g	Column:	ZB-1
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND	6.19		D	30-Sep-20 14:10	10
PCB-2	ND	6.90		D	30-Sep-20 14:10	10
PCB-3	ND	7.11		D	30-Sep-20 14:10	10
PCB-4/10	ND	37.2		D	30-Sep-20 14:10	10
PCB-5/8	ND	26.1		D	30-Sep-20 14:10	10
PCB-6	ND	25.3		D	30-Sep-20 14:10	10
PCB-7/9	ND	27.0		D	30-Sep-20 14:10	10
PCB-11	ND	28.1		D	30-Sep-20 14:10	10
PCB-12/13	ND	30.8		D	30-Sep-20 14:10	10
PCB-14	ND	31.1		D	30-Sep-20 14:10	10
PCB-15	ND	30.6		D	30-Sep-20 14:10	10
PCB-16/32	ND		24.4	D	30-Sep-20 14:10	10
PCB-17	ND	10.9		D	30-Sep-20 14:10	10
PCB-18	20.0			D, J	30-Sep-20 14:10	10
PCB-19	ND	12.3		D	30-Sep-20 14:10	10
PCB-20/21/33	33.2			J	29-Sep-20 20:54	1
PCB-22	20.5				29-Sep-20 20:54	1
PCB-23	ND	0.991			29-Sep-20 20:54	1
PCB-24/27	ND	7.61		D	30-Sep-20 14:10	10
PCB-25	ND		5.38		29-Sep-20 20:54	1
PCB-26	ND		10.4		29-Sep-20 20:54	1
PCB-28	76.0				29-Sep-20 20:54	1
PCB-29	ND	0.981			29-Sep-20 20:54	1
PCB-30	ND	7.56		D	30-Sep-20 14:10	10
PCB-31	56.5				29-Sep-20 20:54	1
PCB-34	ND	0.926			29-Sep-20 20:54	1
PCB-35	ND	0.967			29-Sep-20 20:54	1
PCB-36	ND	0.938			29-Sep-20 20:54	1
PCB-37	25.0				29-Sep-20 20:54	1
PCB-38	ND	0.959			29-Sep-20 20:54	1
PCB-39	ND	1.02			29-Sep-20 20:54	1
PCB-40	13.9				29-Sep-20 20:54	1
PCB-41/64/71/72	71.1				29-Sep-20 20:54	1
PCB-42/59	27.9				29-Sep-20 20:54	1
PCB-43/49	90.8				29-Sep-20 20:54	1
PCB-44	84.3				29-Sep-20 20:54	1
PCB-45	ND		10.3		29-Sep-20 20:54	1
PCB-46	ND		4.31		29-Sep-20 20:54	1
PCB-47	48.5				29-Sep-20 20:54	1
PCB-48/75	15.7			J	29-Sep-20 20:54	1
PCB-50	ND	0.725			29-Sep-20 20:54	1
PCB-51	ND		8.10		29-Sep-20 20:54	1
PCB-52/69	122				29-Sep-20 20:54	1
PCB-53	20.7				29-Sep-20 20:54	1
PCB-54	ND		2.14		29-Sep-20 20:54	1
PCB-55	ND	0.520			29-Sep-20 20:54	1
PCB-56/60	55.0				29-Sep-20 20:54	1
PCB-57	ND	0.567			29-Sep-20 20:54	1
PCB-58	ND	0.548			29-Sep-20 20:54	1
PCB-61/70	130				29-Sep-20 20:54	1
PCB-62	ND	0.703			29-Sep-20 20:54	1
PCB-63	ND		4.04		29-Sep-20 20:54	1
PCB-65	ND	0.619			29-Sep-20 20:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.44 g	Column:	ZB-1
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	103				29-Sep-20 20:54	1
PCB-67	2.48			J	29-Sep-20 20:54	1
PCB-68	1.97			J	29-Sep-20 20:54	1
PCB-73	ND	0.553			29-Sep-20 20:54	1
PCB-74	36.0				29-Sep-20 20:54	1
PCB-77	11.0			J	29-Sep-20 20:54	1
PCB-78	ND	0.576			29-Sep-20 20:54	1
PCB-79	ND		2.62		29-Sep-20 20:54	1
PCB-80	ND	0.512			29-Sep-20 20:54	1
PCB-81	ND	0.626			29-Sep-20 20:54	1
PCB-82	17.9				29-Sep-20 20:54	1
PCB-83	ND	0.624			29-Sep-20 20:54	1
PCB-84/92	85.4				29-Sep-20 20:54	1
PCB-85/116	27.0				29-Sep-20 20:54	1
PCB-86	ND	1.02			29-Sep-20 20:54	1
PCB-87/117/125	53.4				29-Sep-20 20:54	1
PCB-88/91	33.2				29-Sep-20 20:54	1
PCB-89	ND	0.924			29-Sep-20 20:54	1
PCB-90/101	226				29-Sep-20 20:54	1
PCB-93	ND	1.04			29-Sep-20 20:54	1
PCB-94	2.98			J	29-Sep-20 20:54	1
PCB-95/98/102	146				29-Sep-20 20:54	1
PCB-96	ND		2.10		29-Sep-20 20:54	1
PCB-97	51.6				29-Sep-20 20:54	1
PCB-99	88.6				29-Sep-20 20:54	1
PCB-100	3.65			J	29-Sep-20 20:54	1
PCB-103	ND		3.46		29-Sep-20 20:54	1
PCB-104	ND	0.690			29-Sep-20 20:54	1
PCB-105	58.7				29-Sep-20 20:54	1
PCB-106/118	161				29-Sep-20 20:54	1
PCB-107/109	13.9			J	29-Sep-20 20:54	1
PCB-108/112	ND		6.57		29-Sep-20 20:54	1
PCB-110	203				29-Sep-20 20:54	1
PCB-111/115	ND		1.62		29-Sep-20 20:54	1
PCB-113	ND	0.675			29-Sep-20 20:54	1
PCB-114	ND		3.29		29-Sep-20 20:54	1
PCB-119	7.57			J	29-Sep-20 20:54	1
PCB-120	ND	0.570			29-Sep-20 20:54	1
PCB-121	ND	0.567			29-Sep-20 20:54	1
PCB-122	3.11			J	29-Sep-20 20:54	1
PCB-123	ND		2.55		29-Sep-20 20:54	1
PCB-124	ND		6.29		29-Sep-20 20:54	1
PCB-126	ND		1.21		29-Sep-20 20:54	1
PCB-127	ND	0.851			29-Sep-20 20:54	1
PCB-128/162	37.7				29-Sep-20 20:54	1
PCB-129	ND		7.67		29-Sep-20 20:54	1
PCB-130	20.8				29-Sep-20 20:54	1
PCB-131/133	10.5			J	29-Sep-20 20:54	1
PCB-132/161	63.8				29-Sep-20 20:54	1
PCB-134/143	13.0			J	29-Sep-20 20:54	1
PCB-135	31.8				29-Sep-20 20:54	1
PCB-136	42.0				29-Sep-20 20:54	1
PCB-137	8.05			J	29-Sep-20 20:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.44 g	Column:	ZB-1
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	268				29-Sep-20 20:54	1
PCB-139/149	215				29-Sep-20 20:54	1
PCB-140	ND		2.95		29-Sep-20 20:54	1
PCB-141	51.1				29-Sep-20 20:54	1
PCB-142	ND	0.980			29-Sep-20 20:54	1
PCB-144	ND		11.5		29-Sep-20 20:54	1
PCB-145	ND	0.336			29-Sep-20 20:54	1
PCB-146/165	49.5				29-Sep-20 20:54	1
PCB-147	ND		5.13		29-Sep-20 20:54	1
PCB-148	ND	0.475			29-Sep-20 20:54	1
PCB-150	ND	0.369			29-Sep-20 20:54	1
PCB-151	71.2				29-Sep-20 20:54	1
PCB-152	ND	0.337			29-Sep-20 20:54	1
PCB-153	275				29-Sep-20 20:54	1
PCB-154	ND		7.37		29-Sep-20 20:54	1
PCB-155	ND	0.383			29-Sep-20 20:54	1
PCB-156	23.5				29-Sep-20 20:54	1
PCB-157	ND		4.78		29-Sep-20 20:54	1
PCB-158/160	25.2			J	29-Sep-20 20:54	1
PCB-159	ND	0.593			29-Sep-20 20:54	1
PCB-166	ND	0.631			29-Sep-20 20:54	1
PCB-167	10.1			J	29-Sep-20 20:54	1
PCB-168	ND	0.686			29-Sep-20 20:54	1
PCB-169	ND	0.600			29-Sep-20 20:54	1
PCB-170	84.8				29-Sep-20 20:54	1
PCB-171	25.6				29-Sep-20 20:54	1
PCB-172	15.2				29-Sep-20 20:54	1
PCB-173	ND	0.834			29-Sep-20 20:54	1
PCB-174	69.0				29-Sep-20 20:54	1
PCB-175	3.26			J	29-Sep-20 20:54	1
PCB-176	10.9			J	29-Sep-20 20:54	1
PCB-177	56.3				29-Sep-20 20:54	1
PCB-178	ND		18.0		29-Sep-20 20:54	1
PCB-179	42.4				29-Sep-20 20:54	1
PCB-180	203				29-Sep-20 20:54	1
PCB-181	ND	0.673			29-Sep-20 20:54	1
PCB-182/187	121				29-Sep-20 20:54	1
PCB-183	52.5				29-Sep-20 20:54	1
PCB-184	ND	0.570			29-Sep-20 20:54	1
PCB-185	10.3			J	29-Sep-20 20:54	1
PCB-186	ND	0.528			29-Sep-20 20:54	1
PCB-188	ND	0.544			29-Sep-20 20:54	1
PCB-189	ND		2.76		29-Sep-20 20:54	1
PCB-190	17.2				29-Sep-20 20:54	1
PCB-191	ND		3.36		29-Sep-20 20:54	1
PCB-192	ND	0.543			29-Sep-20 20:54	1
PCB-193	11.6			J	29-Sep-20 20:54	1
PCB-194	45.7				29-Sep-20 20:54	1
PCB-195	21.8				29-Sep-20 20:54	1
PCB-196/203	61.1				29-Sep-20 20:54	1
PCB-197	2.30			J	29-Sep-20 20:54	1
PCB-198	ND		2.16		29-Sep-20 20:54	1
PCB-199	50.6				29-Sep-20 20:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.44 g	Column:	ZB-1
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	ND		7.09		29-Sep-20 20:54	1
PCB-201	9.59			J	29-Sep-20 20:54	1
PCB-202	14.2				29-Sep-20 20:54	1
PCB-204	ND	0.677			29-Sep-20 20:54	1
PCB-205	ND		2.01		29-Sep-20 20:54	1
PCB-206	37.2				29-Sep-20 20:54	1
PCB-207	5.80			J	29-Sep-20 20:54	1
PCB-208	13.2				29-Sep-20 20:54	1
PCB-209	40.6				29-Sep-20 20:54	1

Totals						
Total monoCB	ND	7.11				
Total diCB	ND	37.2				
Total triCB	231		271			
Total tetraCB	835		866			
Total pentaCB	1180		1210			
Total hexaCB	1220		1260			
Total heptaCB	723		747			
Total octaCB	205		217			
Total nonaCB	56.2					
DecaCB	40.6					
Total PCB	4490					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	68.1	15 - 150	D	30-Sep-20 14:10	10
13C-PCB-3	IS	65.0	15 - 150	D	30-Sep-20 14:10	10
13C-PCB-4	IS	66.9	25 - 150	D	30-Sep-20 14:10	10
13C-PCB-11	IS	80.9	25 - 150	D	30-Sep-20 14:10	10
13C-PCB-9	IS	77.5	25 - 150	D	30-Sep-20 14:10	10
13C-PCB-19	IS	69.3	25 - 150	D	30-Sep-20 14:10	10
13C-PCB-28	IS	83.1	25 - 150		29-Sep-20 20:54	1
13C-PCB-32	IS	72.9	25 - 150	D	30-Sep-20 14:10	10
13C-PCB-37	IS	82.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-47	IS	80.6	25 - 150		29-Sep-20 20:54	1
13C-PCB-52	IS	79.4	25 - 150		29-Sep-20 20:54	1
13C-PCB-54	IS	76.1	25 - 150		29-Sep-20 20:54	1
13C-PCB-70	IS	76.3	25 - 150		29-Sep-20 20:54	1
13C-PCB-77	IS	83.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-80	IS	81.5	25 - 150		29-Sep-20 20:54	1
13C-PCB-81	IS	82.7	25 - 150		29-Sep-20 20:54	1
13C-PCB-95	IS	80.7	25 - 150		29-Sep-20 20:54	1
13C-PCB-97	IS	81.9	25 - 150		29-Sep-20 20:54	1
13C-PCB-101	IS	80.6	25 - 150		29-Sep-20 20:54	1
13C-PCB-104	IS	81.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-105	IS	84.3	25 - 150		29-Sep-20 20:54	1
13C-PCB-114	IS	83.2	25 - 150		29-Sep-20 20:54	1
13C-PCB-118	IS	83.9	25 - 150		29-Sep-20 20:54	1
13C-PCB-123	IS	85.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-126	IS	82.4	25 - 150		29-Sep-20 20:54	1
13C-PCB-127	IS	84.2	25 - 150		29-Sep-20 20:54	1
13C-PCB-138	IS	81.2	25 - 150		29-Sep-20 20:54	1
13C-PCB-141	IS	81.7	25 - 150		29-Sep-20 20:54	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-03	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.44 g	Column:	ZB-1
Date Collected:	23-Sep-20 11:09	% Solids:	57.5		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	81.6	25 - 150		29-Sep-20 20:54	1
13C-PCB-155	IS	100	25 - 150		29-Sep-20 20:54	1
13C-PCB-156	IS	84.9	25 - 150		29-Sep-20 20:54	1
13C-PCB-157	IS	85.6	25 - 150		29-Sep-20 20:54	1
13C-PCB-159	IS	84.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-167	IS	83.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-169	IS	88.4	25 - 150		29-Sep-20 20:54	1
13C-PCB-170	IS	92.3	25 - 150		29-Sep-20 20:54	1
13C-PCB-180	IS	89.2	25 - 150		29-Sep-20 20:54	1
13C-PCB-188	IS	84.0	25 - 150		29-Sep-20 20:54	1
13C-PCB-189	IS	91.1	25 - 150		29-Sep-20 20:54	1
13C-PCB-194	IS	79.9	25 - 150		29-Sep-20 20:54	1
13C-PCB-202	IS	103	25 - 150		29-Sep-20 20:54	1
13C-PCB-206	IS	87.7	25 - 150		29-Sep-20 20:54	1
13C-PCB-208	IS	76.5	25 - 150		29-Sep-20 20:54	1
13C-PCB-209	IS	118	25 - 150		29-Sep-20 20:54	1
13C-PCB-79	CRS	87.6	30 - 135		29-Sep-20 20:54	1
13C-PCB-178	CRS	89.3	30 - 135		29-Sep-20 20:54	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.19 g	Column:	ZB-1
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND		5.50		29-Sep-20 21:55	1
PCB-2	10.7			J	29-Sep-20 21:55	1
PCB-3	7.79			J	29-Sep-20 21:55	1
PCB-4/10	ND	0.776			29-Sep-20 21:55	1
PCB-5/8	ND	4.22			29-Sep-20 21:55	1
PCB-6	ND	4.09			29-Sep-20 21:55	1
PCB-7/9	ND	4.36			29-Sep-20 21:55	1
PCB-11	38.6				29-Sep-20 21:55	1
PCB-12/13	ND	4.96			29-Sep-20 21:55	1
PCB-14	ND	5.01			29-Sep-20 21:55	1
PCB-15	ND		24.7		29-Sep-20 21:55	1
PCB-16/32	34.5				29-Sep-20 21:55	1
PCB-17	27.8				29-Sep-20 21:55	1
PCB-18	23.6				29-Sep-20 21:55	1
PCB-19	15.3			J	29-Sep-20 21:55	1
PCB-20/21/33	36.4			J	29-Sep-20 21:55	1
PCB-22	23.4				29-Sep-20 21:55	1
PCB-23	ND	1.39			29-Sep-20 21:55	1
PCB-24/27	4.85			J	29-Sep-20 21:55	1
PCB-25	ND		8.93		29-Sep-20 21:55	1
PCB-26	16.9				29-Sep-20 21:55	1
PCB-28	95.5				29-Sep-20 21:55	1
PCB-29	ND	1.38			29-Sep-20 21:55	1
PCB-30	ND	0.724			29-Sep-20 21:55	1
PCB-31	63.8				29-Sep-20 21:55	1
PCB-34	ND	1.30			29-Sep-20 21:55	1
PCB-35	2.19			J	29-Sep-20 21:55	1
PCB-36	ND	1.31			29-Sep-20 21:55	1
PCB-37	ND		30.4		29-Sep-20 21:55	1
PCB-38	3.22			J	29-Sep-20 21:55	1
PCB-39	ND	1.43			29-Sep-20 21:55	1
PCB-40	25.9				29-Sep-20 21:55	1
PCB-41/64/71/72	117				29-Sep-20 21:55	1
PCB-42/59	39.8				29-Sep-20 21:55	1
PCB-43/49	154				29-Sep-20 21:55	1
PCB-44	124				29-Sep-20 21:55	1
PCB-45	17.1				29-Sep-20 21:55	1
PCB-46	8.86			J	29-Sep-20 21:55	1
PCB-47	126				29-Sep-20 21:55	1
PCB-48/75	25.4			J	29-Sep-20 21:55	1
PCB-50	ND	1.07			29-Sep-20 21:55	1
PCB-51	53.0				29-Sep-20 21:55	1
PCB-52/69	205				29-Sep-20 21:55	1
PCB-53	40.5				29-Sep-20 21:55	1
PCB-54	10.8			J	29-Sep-20 21:55	1
PCB-55	2.88			J	29-Sep-20 21:55	1
PCB-56/60	85.1				29-Sep-20 21:55	1
PCB-57	ND		0.790		29-Sep-20 21:55	1
PCB-58	ND		0.849		29-Sep-20 21:55	1
PCB-61/70	182				29-Sep-20 21:55	1
PCB-62	ND	0.985			29-Sep-20 21:55	1
PCB-63	ND		6.37		29-Sep-20 21:55	1
PCB-65	ND	0.866			29-Sep-20 21:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.19 g	Column:	ZB-1
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	146				29-Sep-20 21:55	1
PCB-67	ND		3.30		29-Sep-20 21:55	1
PCB-68	4.09			J	29-Sep-20 21:55	1
PCB-73	ND		2.48		29-Sep-20 21:55	1
PCB-74	64.6				29-Sep-20 21:55	1
PCB-77	16.0				29-Sep-20 21:55	1
PCB-78	ND		0.868		29-Sep-20 21:55	1
PCB-79	ND		3.50		29-Sep-20 21:55	1
PCB-80	ND	0.772			29-Sep-20 21:55	1
PCB-81	0.978			J	29-Sep-20 21:55	1
PCB-82	27.0				29-Sep-20 21:55	1
PCB-83	ND	0.755			29-Sep-20 21:55	1
PCB-84/92	205				29-Sep-20 21:55	1
PCB-85/116	42.2				29-Sep-20 21:55	1
PCB-86	1.37			J	29-Sep-20 21:55	1
PCB-87/117/125	153				29-Sep-20 21:55	1
PCB-88/91	48.9				29-Sep-20 21:55	1
PCB-89	3.00			J	29-Sep-20 21:55	1
PCB-90/101	1040				29-Sep-20 21:55	1
PCB-93	ND		15.3		29-Sep-20 21:55	1
PCB-94	ND		6.30		29-Sep-20 21:55	1
PCB-95/98/102	570				29-Sep-20 21:55	1
PCB-96	4.86			J	29-Sep-20 21:55	1
PCB-97	95.5				29-Sep-20 21:55	1
PCB-99	134				29-Sep-20 21:55	1
PCB-100	12.9			J	29-Sep-20 21:55	1
PCB-103	ND		8.69		29-Sep-20 21:55	1
PCB-104	ND	0.841			29-Sep-20 21:55	1
PCB-105	122				29-Sep-20 21:55	1
PCB-106/118	408				29-Sep-20 21:55	1
PCB-107/109	23.9			J	29-Sep-20 21:55	1
PCB-108/112	12.9			J	29-Sep-20 21:55	1
PCB-110	577				29-Sep-20 21:55	1
PCB-111/115	ND		3.03		29-Sep-20 21:55	1
PCB-113	0.989			J	29-Sep-20 21:55	1
PCB-114	10.4			J	29-Sep-20 21:55	1
PCB-119	10.6			J	29-Sep-20 21:55	1
PCB-120	7.58			J	29-Sep-20 21:55	1
PCB-121	ND		3.38		29-Sep-20 21:55	1
PCB-122	3.34			J	29-Sep-20 21:55	1
PCB-123	ND		3.34		29-Sep-20 21:55	1
PCB-124	22.9				29-Sep-20 21:55	1
PCB-126	ND		2.98		29-Sep-20 21:55	1
PCB-127	ND	1.36			29-Sep-20 21:55	1
PCB-128/162	166				29-Sep-20 21:55	1
PCB-129	44.5				29-Sep-20 21:55	1
PCB-130	94.5				29-Sep-20 21:55	1
PCB-131/133	43.7				29-Sep-20 21:55	1
PCB-132/161	559				29-Sep-20 21:55	1
PCB-134/143	100				29-Sep-20 21:55	1
PCB-135	247				29-Sep-20 21:55	1
PCB-136	385				29-Sep-20 21:55	1
PCB-137	ND		14.3		29-Sep-20 21:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.19 g	Column:	ZB-1
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	2320				29-Sep-20 21:55	1
PCB-139/149	1890				29-Sep-20 21:55	1
PCB-140	5.59			J	29-Sep-20 21:55	1
PCB-141	645				29-Sep-20 21:55	1
PCB-142	ND	2.18			29-Sep-20 21:55	1
PCB-144	157				29-Sep-20 21:55	1
PCB-145	ND	0.492			29-Sep-20 21:55	1
PCB-146/165	300				29-Sep-20 21:55	1
PCB-147	16.8				29-Sep-20 21:55	1
PCB-148	ND	0.695			29-Sep-20 21:55	1
PCB-150	ND		1.97		29-Sep-20 21:55	1
PCB-151	708				29-Sep-20 21:55	1
PCB-152	1.30			J	29-Sep-20 21:55	1
PCB-153	2560				29-Sep-20 21:55	1
PCB-154	8.75			J	29-Sep-20 21:55	1
PCB-155	ND	0.560			29-Sep-20 21:55	1
PCB-156	171				29-Sep-20 21:55	1
PCB-157	ND		12.4		29-Sep-20 21:55	1
PCB-158/160	250				29-Sep-20 21:55	1
PCB-159	ND	1.33			29-Sep-20 21:55	1
PCB-166	ND		7.54		29-Sep-20 21:55	1
PCB-167	66.6				29-Sep-20 21:55	1
PCB-168	ND	1.53			29-Sep-20 21:55	1
PCB-169	ND	1.52			29-Sep-20 21:55	1
PCB-170	1060				29-Sep-20 21:55	1
PCB-171	289				29-Sep-20 21:55	1
PCB-172	141				29-Sep-20 21:55	1
PCB-173	24.1				29-Sep-20 21:55	1
PCB-174	1020				29-Sep-20 21:55	1
PCB-175	41.4				29-Sep-20 21:55	1
PCB-176	136				29-Sep-20 21:55	1
PCB-177	578				29-Sep-20 21:55	1
PCB-178	174				29-Sep-20 21:55	1
PCB-179	413				29-Sep-20 21:55	1
PCB-180	2320				29-Sep-20 21:55	1
PCB-181	ND	1.17			29-Sep-20 21:55	1
PCB-182/187	1030				29-Sep-20 21:55	1
PCB-183	596				29-Sep-20 21:55	1
PCB-184	ND	0.929			29-Sep-20 21:55	1
PCB-185	112				29-Sep-20 21:55	1
PCB-186	ND	0.861			29-Sep-20 21:55	1
PCB-188	ND	0.887			29-Sep-20 21:55	1
PCB-189	37.1				29-Sep-20 21:55	1
PCB-190	206				29-Sep-20 21:55	1
PCB-191	40.9				29-Sep-20 21:55	1
PCB-192	ND	0.942			29-Sep-20 21:55	1
PCB-193	110				29-Sep-20 21:55	1
PCB-194	391				29-Sep-20 21:55	1
PCB-195	173				29-Sep-20 21:55	1
PCB-196/203	465				29-Sep-20 21:55	1
PCB-197	18.3				29-Sep-20 21:55	1
PCB-198	ND		15.2		29-Sep-20 21:55	1
PCB-199	366				29-Sep-20 21:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.19 g	Column:	ZB-1
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	54.4				29-Sep-20 21:55	1
PCB-201	ND		50.2		29-Sep-20 21:55	1
PCB-202	58.2				29-Sep-20 21:55	1
PCB-204	ND	0.869			29-Sep-20 21:55	1
PCB-205	20.2				29-Sep-20 21:55	1
PCB-206	117				29-Sep-20 21:55	1
PCB-207	14.7			J	29-Sep-20 21:55	1
PCB-208	ND		25.5		29-Sep-20 21:55	1
PCB-209	109				29-Sep-20 21:55	1

Totals						
Total monoCB	18.4		23.9			
Total diCB	38.6		63.3			
Total triCB	347		387			
Total tetraCB	1450		1470			
Total pentaCB	3530		3580			
Total hexaCB	10700		10800			
Total heptaCB	8320					
Total octaCB	1550		1610			
Total nonaCB	132		157			
DecaCB	109					
Total PCB	26200					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	69.3	15 - 150		29-Sep-20 21:55	1
13C-PCB-3	IS	74.0	15 - 150		29-Sep-20 21:55	1
13C-PCB-4	IS	78.0	25 - 150		29-Sep-20 21:55	1
13C-PCB-11	IS	85.5	25 - 150		29-Sep-20 21:55	1
13C-PCB-9	IS	80.9	25 - 150		29-Sep-20 21:55	1
13C-PCB-19	IS	78.8	25 - 150		29-Sep-20 21:55	1
13C-PCB-28	IS	88.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-32	IS	80.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-37	IS	86.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-47	IS	80.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-52	IS	81.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-54	IS	78.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-70	IS	83.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-77	IS	84.9	25 - 150		29-Sep-20 21:55	1
13C-PCB-80	IS	82.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-81	IS	85.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-95	IS	82.8	25 - 150		29-Sep-20 21:55	1
13C-PCB-97	IS	82.8	25 - 150		29-Sep-20 21:55	1
13C-PCB-101	IS	84.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-104	IS	81.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-105	IS	91.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-114	IS	91.1	25 - 150		29-Sep-20 21:55	1
13C-PCB-118	IS	85.5	25 - 150		29-Sep-20 21:55	1
13C-PCB-123	IS	84.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-126	IS	86.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-127	IS	95.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-138	IS	85.9	25 - 150		29-Sep-20 21:55	1
13C-PCB-141	IS	86.2	25 - 150		29-Sep-20 21:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-04	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	3.19 g	Column:	ZB-1
Date Collected:	23-Sep-20 16:05	% Solids:	49.2		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	87.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-155	IS	100	25 - 150		29-Sep-20 21:55	1
13C-PCB-156	IS	86.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-157	IS	87.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-159	IS	87.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-167	IS	85.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-169	IS	89.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-170	IS	89.7	25 - 150		29-Sep-20 21:55	1
13C-PCB-180	IS	89.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-188	IS	85.9	25 - 150		29-Sep-20 21:55	1
13C-PCB-189	IS	91.0	25 - 150		29-Sep-20 21:55	1
13C-PCB-194	IS	82.4	25 - 150		29-Sep-20 21:55	1
13C-PCB-202	IS	101	25 - 150		29-Sep-20 21:55	1
13C-PCB-206	IS	91.2	25 - 150		29-Sep-20 21:55	1
13C-PCB-208	IS	77.6	25 - 150		29-Sep-20 21:55	1
13C-PCB-209	IS	124	25 - 150		29-Sep-20 21:55	1
13C-PCB-79	CRS	85.8	30 - 135		29-Sep-20 21:55	1
13C-PCB-178	CRS	87.0	30 - 135		29-Sep-20 21:55	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	4.34 g	Column:	ZB-1
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-1	ND		4.11		29-Sep-20 22:55	1
PCB-2	10.1			J	29-Sep-20 22:55	1
PCB-3	5.99			J	29-Sep-20 22:55	1
PCB-4/10	ND	3.56			29-Sep-20 22:55	1
PCB-5/8	20.8				29-Sep-20 22:55	1
PCB-6	ND	2.59			29-Sep-20 22:55	1
PCB-7/9	ND	2.76			29-Sep-20 22:55	1
PCB-11	29.5				29-Sep-20 22:55	1
PCB-12/13	ND	3.52			29-Sep-20 22:55	1
PCB-14	ND	3.55			29-Sep-20 22:55	1
PCB-15	ND		19.3		29-Sep-20 22:55	1
PCB-16/32	24.5				29-Sep-20 22:55	1
PCB-17	19.6				29-Sep-20 22:55	1
PCB-18	14.8				29-Sep-20 22:55	1
PCB-19	10.4				29-Sep-20 22:55	1
PCB-20/21/33	35.3				29-Sep-20 22:55	1
PCB-22	19.1				29-Sep-20 22:55	1
PCB-23	ND	0.877			29-Sep-20 22:55	1
PCB-24/27	ND		3.46		29-Sep-20 22:55	1
PCB-25	7.97			J	29-Sep-20 22:55	1
PCB-26	13.9				29-Sep-20 22:55	1
PCB-28	75.5				29-Sep-20 22:55	1
PCB-29	ND	0.867			29-Sep-20 22:55	1
PCB-30	ND	0.530			29-Sep-20 22:55	1
PCB-31	59.9				29-Sep-20 22:55	1
PCB-34	ND	0.819			29-Sep-20 22:55	1
PCB-35	ND	0.851			29-Sep-20 22:55	1
PCB-36	ND	0.825			29-Sep-20 22:55	1
PCB-37	26.2				29-Sep-20 22:55	1
PCB-38	ND	0.844			29-Sep-20 22:55	1
PCB-39	ND	0.899			29-Sep-20 22:55	1
PCB-40	16.1				29-Sep-20 22:55	1
PCB-41/64/71/72	74.7				29-Sep-20 22:55	1
PCB-42/59	27.1				29-Sep-20 22:55	1
PCB-43/49	91.4				29-Sep-20 22:55	1
PCB-44	80.6				29-Sep-20 22:55	1
PCB-45	12.0				29-Sep-20 22:55	1
PCB-46	ND		5.54		29-Sep-20 22:55	1
PCB-47	55.6				29-Sep-20 22:55	1
PCB-48/75	16.4			J	29-Sep-20 22:55	1
PCB-50	ND	0.669			29-Sep-20 22:55	1
PCB-51	11.3				29-Sep-20 22:55	1
PCB-52/69	115				29-Sep-20 22:55	1
PCB-53	19.0				29-Sep-20 22:55	1
PCB-54	2.68			J	29-Sep-20 22:55	1
PCB-55	ND	0.497			29-Sep-20 22:55	1
PCB-56/60	60.6				29-Sep-20 22:55	1
PCB-57	0.953			J	29-Sep-20 22:55	1
PCB-58	ND		0.863		29-Sep-20 22:55	1
PCB-61/70	127				29-Sep-20 22:55	1
PCB-62	ND	0.615			29-Sep-20 22:55	1
PCB-63	4.73			J	29-Sep-20 22:55	1
PCB-65	ND	0.541			29-Sep-20 22:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	4.34 g	Column:	ZB-1
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-66/76	97.4				29-Sep-20 22:55	1
PCB-67	3.23			J	29-Sep-20 22:55	1
PCB-68	ND		2.06		29-Sep-20 22:55	1
PCB-73	ND	0.522			29-Sep-20 22:55	1
PCB-74	45.4				29-Sep-20 22:55	1
PCB-77	11.5				29-Sep-20 22:55	1
PCB-78	ND	0.531			29-Sep-20 22:55	1
PCB-79	3.07			J	29-Sep-20 22:55	1
PCB-80	ND	0.490			29-Sep-20 22:55	1
PCB-81	ND		1.02		29-Sep-20 22:55	1
PCB-82	ND		15.8		29-Sep-20 22:55	1
PCB-83	ND	0.511			29-Sep-20 22:55	1
PCB-84/92	78.8				29-Sep-20 22:55	1
PCB-85/116	ND	0.663			29-Sep-20 22:55	1
PCB-86	ND	0.838			29-Sep-20 22:55	1
PCB-87/117/125	53.0				29-Sep-20 22:55	1
PCB-88/91	30.3				29-Sep-20 22:55	1
PCB-89	ND	0.731			29-Sep-20 22:55	1
PCB-90/101	205				29-Sep-20 22:55	1
PCB-93	ND		3.18		29-Sep-20 22:55	1
PCB-94	ND		1.79		29-Sep-20 22:55	1
PCB-95/98/102	134				29-Sep-20 22:55	1
PCB-96	2.25			J	29-Sep-20 22:55	1
PCB-97	45.2				29-Sep-20 22:55	1
PCB-99	81.6				29-Sep-20 22:55	1
PCB-100	3.92			J	29-Sep-20 22:55	1
PCB-103	6.71			J	29-Sep-20 22:55	1
PCB-104	ND	0.572			29-Sep-20 22:55	1
PCB-105	61.3				29-Sep-20 22:55	1
PCB-106/118	155				29-Sep-20 22:55	1
PCB-107/109	11.9			J	29-Sep-20 22:55	1
PCB-108/112	ND		7.26		29-Sep-20 22:55	1
PCB-110	190				29-Sep-20 22:55	1
PCB-111/115	19.3			J	29-Sep-20 22:55	1
PCB-113	ND	0.533			29-Sep-20 22:55	1
PCB-114	3.77			J	29-Sep-20 22:55	1
PCB-119	ND		6.99		29-Sep-20 22:55	1
PCB-120	ND		1.36		29-Sep-20 22:55	1
PCB-121	ND	0.480			29-Sep-20 22:55	1
PCB-122	2.27			J	29-Sep-20 22:55	1
PCB-123	2.04			J	29-Sep-20 22:55	1
PCB-124	ND		4.18		29-Sep-20 22:55	1
PCB-126	ND	0.923			29-Sep-20 22:55	1
PCB-127	ND	0.918			29-Sep-20 22:55	1
PCB-128/162	33.1				29-Sep-20 22:55	1
PCB-129	7.10			J	29-Sep-20 22:55	1
PCB-130	19.9				29-Sep-20 22:55	1
PCB-131/133	10.0			J	29-Sep-20 22:55	1
PCB-132/161	69.9				29-Sep-20 22:55	1
PCB-134/143	13.3			J	29-Sep-20 22:55	1
PCB-135	34.5				29-Sep-20 22:55	1
PCB-136	40.0				29-Sep-20 22:55	1
PCB-137	ND		6.89		29-Sep-20 22:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	4.34 g	Column:	ZB-1
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-138/163/164	278				29-Sep-20 22:55	1
PCB-139/149	212				29-Sep-20 22:55	1
PCB-140	ND	0.430			29-Sep-20 22:55	1
PCB-141	52.7				29-Sep-20 22:55	1
PCB-142	ND	1.05			29-Sep-20 22:55	1
PCB-144	12.7				29-Sep-20 22:55	1
PCB-145	ND	0.287			29-Sep-20 22:55	1
PCB-146/165	48.3				29-Sep-20 22:55	1
PCB-147	ND		6.47		29-Sep-20 22:55	1
PCB-148	ND	0.405			29-Sep-20 22:55	1
PCB-150	ND		0.663		29-Sep-20 22:55	1
PCB-151	72.2				29-Sep-20 22:55	1
PCB-152	ND	0.287			29-Sep-20 22:55	1
PCB-153	275				29-Sep-20 22:55	1
PCB-154	ND		5.04		29-Sep-20 22:55	1
PCB-155	ND	0.327			29-Sep-20 22:55	1
PCB-156	23.8				29-Sep-20 22:55	1
PCB-157	ND		3.79		29-Sep-20 22:55	1
PCB-158/160	26.9				29-Sep-20 22:55	1
PCB-159	ND	0.630			29-Sep-20 22:55	1
PCB-166	ND	0.671			29-Sep-20 22:55	1
PCB-167	9.74			J	29-Sep-20 22:55	1
PCB-168	ND	0.734			29-Sep-20 22:55	1
PCB-169	ND	0.728			29-Sep-20 22:55	1
PCB-170	89.3				29-Sep-20 22:55	1
PCB-171	26.4				29-Sep-20 22:55	1
PCB-172	14.6				29-Sep-20 22:55	1
PCB-173	ND		1.44		29-Sep-20 22:55	1
PCB-174	107				29-Sep-20 22:55	1
PCB-175	4.36			J	29-Sep-20 22:55	1
PCB-176	12.2				29-Sep-20 22:55	1
PCB-177	56.5				29-Sep-20 22:55	1
PCB-178	ND		20.9		29-Sep-20 22:55	1
PCB-179	43.8				29-Sep-20 22:55	1
PCB-180	217				29-Sep-20 22:55	1
PCB-181	ND		0.916		29-Sep-20 22:55	1
PCB-182/187	126				29-Sep-20 22:55	1
PCB-183	56.8				29-Sep-20 22:55	1
PCB-184	ND	0.500			29-Sep-20 22:55	1
PCB-185	11.7				29-Sep-20 22:55	1
PCB-186	ND	0.463			29-Sep-20 22:55	1
PCB-188	ND	0.478			29-Sep-20 22:55	1
PCB-189	4.28			J	29-Sep-20 22:55	1
PCB-190	20.2				29-Sep-20 22:55	1
PCB-191	4.45			J	29-Sep-20 22:55	1
PCB-192	ND	0.517			29-Sep-20 22:55	1
PCB-193	12.8				29-Sep-20 22:55	1
PCB-194	57.1				29-Sep-20 22:55	1
PCB-195	21.2				29-Sep-20 22:55	1
PCB-196/203	66.0				29-Sep-20 22:55	1
PCB-197	ND		1.56		29-Sep-20 22:55	1
PCB-198	ND		2.76		29-Sep-20 22:55	1
PCB-199	61.5				29-Sep-20 22:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	4.34 g	Column:	ZB-1
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Analyte	Conc. (pg/g)	EDL	EMPC	Qualifiers	Analyzed	Dilution
PCB-200	ND		6.47		29-Sep-20 22:55	1
PCB-201	7.58			J	29-Sep-20 22:55	1
PCB-202	11.4				29-Sep-20 22:55	1
PCB-204	ND	0.650			29-Sep-20 22:55	1
PCB-205	3.20			J	29-Sep-20 22:55	1
PCB-206	34.5				29-Sep-20 22:55	1
PCB-207	4.39			J	29-Sep-20 22:55	1
PCB-208	12.6				29-Sep-20 22:55	1
PCB-209	40.4				29-Sep-20 22:55	1

Totals						
Total monoCB	16.1		20.2			
Total diCB	50.2		69.5			
Total triCB	307		311			
Total tetraCB	876		885			
Total pentaCB	1090		1130			
Total hexaCB	1240		1260			
Total heptaCB	807		831			
Total octaCB	228		239			
Total nonaCB	51.5					
DecaCB	40.4					
Total PCB	4700					

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-1	IS	82.8	15 - 150		29-Sep-20 22:55	1
13C-PCB-3	IS	85.2	15 - 150		29-Sep-20 22:55	1
13C-PCB-4	IS	90.3	25 - 150		29-Sep-20 22:55	1
13C-PCB-11	IS	94.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-9	IS	91.4	25 - 150		29-Sep-20 22:55	1
13C-PCB-19	IS	87.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-28	IS	83.6	25 - 150		29-Sep-20 22:55	1
13C-PCB-32	IS	88.3	25 - 150		29-Sep-20 22:55	1
13C-PCB-37	IS	82.3	25 - 150		29-Sep-20 22:55	1
13C-PCB-47	IS	82.2	25 - 150		29-Sep-20 22:55	1
13C-PCB-52	IS	80.5	25 - 150		29-Sep-20 22:55	1
13C-PCB-54	IS	81.7	25 - 150		29-Sep-20 22:55	1
13C-PCB-70	IS	83.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-77	IS	83.6	25 - 150		29-Sep-20 22:55	1
13C-PCB-80	IS	83.3	25 - 150		29-Sep-20 22:55	1
13C-PCB-81	IS	85.1	25 - 150		29-Sep-20 22:55	1
13C-PCB-95	IS	79.4	25 - 150		29-Sep-20 22:55	1
13C-PCB-97	IS	82.7	25 - 150		29-Sep-20 22:55	1
13C-PCB-101	IS	83.7	25 - 150		29-Sep-20 22:55	1
13C-PCB-104	IS	79.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-105	IS	86.4	25 - 150		29-Sep-20 22:55	1
13C-PCB-114	IS	84.3	25 - 150		29-Sep-20 22:55	1
13C-PCB-118	IS	84.1	25 - 150		29-Sep-20 22:55	1
13C-PCB-123	IS	82.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-126	IS	83.1	25 - 150		29-Sep-20 22:55	1
13C-PCB-127	IS	88.2	25 - 150		29-Sep-20 22:55	1
13C-PCB-138	IS	82.8	25 - 150		29-Sep-20 22:55	1
13C-PCB-141	IS	82.7	25 - 150		29-Sep-20 22:55	1

Client Data		Laboratory Data			
Name:	Anchor QEA, LLC	Lab Sample:	2002008-05	Date Received:	25-Sep-20 09:25
Project:	Navigation Channel Project	QC Batch:	B0I0199	Date Extracted:	25-Sep-20
Matrix:	Sediment	Sample Size:	4.34 g	Column:	ZB-1
Date Collected:	23-Sep-20 14:59	% Solids:	56.3		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-PCB-153	IS	82.9	25 - 150		29-Sep-20 22:55	1
13C-PCB-155	IS	101	25 - 150		29-Sep-20 22:55	1
13C-PCB-156	IS	82.5	25 - 150		29-Sep-20 22:55	1
13C-PCB-157	IS	84.0	25 - 150		29-Sep-20 22:55	1
13C-PCB-159	IS	83.0	25 - 150		29-Sep-20 22:55	1
13C-PCB-167	IS	83.1	25 - 150		29-Sep-20 22:55	1
13C-PCB-169	IS	84.5	25 - 150		29-Sep-20 22:55	1
13C-PCB-170	IS	89.0	25 - 150		29-Sep-20 22:55	1
13C-PCB-180	IS	87.4	25 - 150		29-Sep-20 22:55	1
13C-PCB-188	IS	83.5	25 - 150		29-Sep-20 22:55	1
13C-PCB-189	IS	90.8	25 - 150		29-Sep-20 22:55	1
13C-PCB-194	IS	78.4	25 - 150		29-Sep-20 22:55	1
13C-PCB-202	IS	101	25 - 150		29-Sep-20 22:55	1
13C-PCB-206	IS	88.2	25 - 150		29-Sep-20 22:55	1
13C-PCB-208	IS	75.8	25 - 150		29-Sep-20 22:55	1
13C-PCB-209	IS	117	25 - 150		29-Sep-20 22:55	1
13C-PCB-79	CRS	86.1	30 - 135		29-Sep-20 22:55	1
13C-PCB-178	CRS	83.9	30 - 135		29-Sep-20 22:55	1

EDL - Sample specific estimated detection limit
 EMPC - Estimated maximum possible concentration

The results are reported in dry weight.
 The sample size is reported in wet weight.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	Method
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	Method
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	Method
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

1.1°C
2002008

POC: # Delaney Peterson (360-715-2707)
1605 Cornwall Avenue, Bellingham, WA 98225

Project: Navigation Channel Project
Client: NW Natural

COC ID: VISTA-20200923-161057
Sample Custodian: HS
Lab: VISTA

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
001	NCPDI-009SG-200923	N	SE	09/23/2020	13:50	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
002	NCPDI-010SG-200923	N	SE	09/23/2020	9:49	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
003	NCPDI-015SG-200923	N	SE	09/23/2020	11:09	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
004	NCPDI-028SG-200923	N	SE	09/23/2020	16:05	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
005	NCPDI-046SG-200923	N	SE	09/23/2020	14:59	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C

Comment:					
Relinquished By Signature <i>[Signature]</i>	Received By Signature <i>[Signature]</i>	Relinquished By Signature	Received By Signature	Relinquished By Signature	Received By Signature
Print Name CALVIN DOUGLAS	Print Name Kinsey Scardina	Print Name	Print Name	Print Name	Print Name
Company ANCHOR OEA	Company VAL	Company	Company	Company	Company
Date/Time 9/24/20 1630	Date/Time 09/25/20 0925	Date/Time	Date/Time	Date/Time	Date/Time

* Lab QC Requested for sample when box is checked ** TAT = Turn Around Time in DAYS # POC = Project Point of Contact

Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2002008

 TAT 7

Samples Arrival:	Date/Time 09/25/20 0925	Initials: KS	Location: WR-2
			Shelf/Rack: N/A
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
		<input type="checkbox"/> GLS	<input type="checkbox"/> DHL
		<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Techni Ice
		<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None
Temp °C: 1.1 (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: 12-4
Temp °C: 1.1 (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Airbill <u> </u> Trk # <u>7716 2496 9757</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Container	Vista	<input checked="" type="checkbox"/> Client	Retain
			<input checked="" type="checkbox"/> Return
			Dispose
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Holding Time Acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Logged In:	Date/Time 09/25/20 1004	Initials: KS	Location: WR-2
			Shelf/Rack: G1-3
COC Anomaly/Sample Acceptance Form completed?			<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2002008

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2002008-01	A NCPDI-009SG-200923	<input checked="" type="checkbox"/>	23-Sep-20 13:50	<input checked="" type="checkbox"/>	Clear Glass Jar, 120mL	Solid
2002008-02	A NCPDI-010SG-200923	<input checked="" type="checkbox"/>	23-Sep-20 09:49	<input checked="" type="checkbox"/>	Clear Glass Jar, 120mL	Solid
2002008-03	A NCPDI-015SG-200923	<input checked="" type="checkbox"/>	23-Sep-20 11:09	<input checked="" type="checkbox"/>	Clear Glass Jar, 120mL	Solid
2002008-04	A NCPDI-028SG-200923	<input checked="" type="checkbox"/>	23-Sep-20 16:05	<input checked="" type="checkbox"/>	Clear Glass Jar, 120mL	Solid
2002008-05	A NCPDI-046SG-200923	<input checked="" type="checkbox"/>	23-Sep-20 14:59	<input checked="" type="checkbox"/>	Clear Glass Jar, 120mL	Solid

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA	Comments:
Sample Container Intact?	✓			
Sample Custody Seals Intact?			✓	
Adequate Sample Volume?	✓			
Container Type Appropriate for Analysis(es)		✓		
Preservation Documented: Na2S2O3 Trizma <u>None</u> Other		✓	✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓	

Verified by/Date: KS 09/25/20

EXTRACTION INFORMATION

Process Sheet
 Workorder: **2002008**



Prep Expiration: 2021-09-23
 Client: Anchor QEA, LLC

Workorder Due: 02-Oct-20 00:00

TAT: 7

Method: **1613 Full List**
 Matrix: **Solid**
 Client Matrix: **Sediment**
 Also run: **Percent Solids**

Prep Batch: B0I0198

Prep Data Entered: EM 09/30/20
Date and Initials

Initial Sequence: S050002

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2002008-01	<input checked="" type="checkbox"/>	NCPDI-009SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-02	<input checked="" type="checkbox"/>	NCPDI-010SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-03	<input checked="" type="checkbox"/>	NCPDI-015SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-04	<input checked="" type="checkbox"/>	NCPDI-028SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-05	<input checked="" type="checkbox"/>	NCPDI-046SG-200923	25-Sep-20 09:25	WR-2 G-3	

10g DW

Pre-Prep Check Out: DG 09/25/20
 Pre-Prep Check In: RR 09/25/20

Prep Check Out: DG 09/25/20
 Prep Check In: RR 09/25/20

Prep Reconciled Initials/Date: DG 09/25/20
 Spike Reconciled Initials/Date: ME 09/25/2020
 VialBoxID: SPOOK 4

PREPARATION BENCH SHEET

Matrix: Solid

B0I0198

Chemist: RR

Method: 1613 Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 25-Sep-20 13:59

Sox	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	CRS/PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
	B0I0198-BLK1	N/A	(10.00)	RR ME 09/25/20	ELM 09/27/20	N/A	ELM 09/27/20	ELM 09/27/20	IM 09/28/20	IM ELM 09/28/20
	B0I0198-BS1	↓	(10.00)	↓	↓	↓	↓	↓	↓	↓
	2002008-01	20.88	11.12	↓	↓	↓	yellow/black	↓	↓	↓
	2002008-02 (A)	16.91	10.90	↓	↓	↓	↓	↓	↓	↓
	2002008-03 (B) (4)	17.38	10.11	↓	↓	↓	↓	↓	↓	↓
	2002008-04 (A)	20.33	10.81	↓	↓	↓	↓	↓	↓	↓
	2002008-05	17.76	11.11	↓	↓	↓	↓	↓	↓	↓

(3) ELM 09/27/20
 (A) residue formed on sides of roundbottom after exchanging 2x w/ hexane. was unable to transfer all of this residue to ABSG column ELM 09/27/20
 (4) eluted column w/ ~150 mL of hexane after sample was transferred to IM 09/28/20 Florisil

IS: 20F1101, 10mL (V5)	Cycle Time	APP: SEFUN SOX SDS	Check Out: DG 09/25/20	Soxhlet Siphoned Chemist/Date: RR 09/25/20	Notes:
NS: 20F0107, 10mL (V5)	Start Date/Time 09/25/20 18:07	SOLV: Toluene	Check In: RR 09/25/20	Vial Transfer Chemist/Date: IM 09/28/20	
PS/CRS: 20E0701, 10mL (V3)	Stop Date/Time 09/26/20 11:00	Other: NA	Balance ID: HRMS-8		
RS: 20E0702, 10mL (V2)		Final Volume(s): C14 20mL			
Diox/F PCB PAH PEST PBDE HCB					

- Comments:
- 1 = Sample approached dryness on rotovap
 - 2 = Sample bumped on rotovap; lost < 5%
 - 3 = Sample poured through Na2SO4 to remove water
 - 4 = Precipitate present at Final Volume
 - 5 = Sample homogenized in secondary container
 - 6 = Sample clogged during extraction; pipetted and used Nitrogen to assist
 - 7 = Soxhlet approached dryness

Batch: B0I0198

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2002008-01	11.12 ✓	47.89082	5.3255	20 ✓	25-Sep-20 13:59	RR ✓			Sediment	1613 Full List
2002008-02	10.9 ✓	59.12088	6.4442	20	25-Sep-20 13:59	RR			Sediment	1613 Full List
2002008-03	10.11 ✓	57.52688	5.8160	20	25-Sep-20 13:59	RR			Sediment	1613 Full List
2002008-04	10.81 ✓	49.19094	5.3175	20	25-Sep-20 13:59	RR			Sediment	1613 Full List
2002008-05	11.11 ✓	56.29139	6.2540	20	25-Sep-20 13:59	RR			Sediment	1613 Full List
B0I0198-BLK1	10 ✓	100	(10.00)	20	25-Sep-20 13:59	RR				QC
B0I0198-BS1	10 ✓	100	(10.00)	20 ✓	25-Sep-20 13:59	RR ✓	20F0107 ✓	10 ✓		QC

All bolded data on report verified against written benchsheet by (initial/date)

EM 09/30/20

Printed: 9/30/2020 1:32:11PM
Page 1 of 1

Process Sheet
Workorder: 2002008



Prep Expiration: 2021-09-23
 Client: Anchor QEA, LLC

Workorder Due: 02-Oct-20 00:00

TAT: 7

Method: **1668A Full List**
 Matrix: **Solid**
 Client Matrix: **Sediment**
 Also run: **Percent Solids**

Prep Batch: BOI0199

Prep Data Entered: AO 09/29/20
Date and Initials

Initial Sequence: SOI0087

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2002008-01	<input checked="" type="checkbox"/>	NCPDI-009SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-02	<input checked="" type="checkbox"/>	NCPDI-010SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-03	<input checked="" type="checkbox"/>	NCPDI-015SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-04	<input checked="" type="checkbox"/>	NCPDI-028SG-200923	25-Sep-20 09:25	WR-2 G-3	
2002008-05	<input checked="" type="checkbox"/>	NCPDI-046SG-200923	25-Sep-20 09:25	WR-2 G-3	

3g DU

Pre-Prep Check Out: DG 09/25/20
 Pre-Prep Check In: RR 09/25/20

Prep Check Out: DG 09/25/20
 Prep Check In: RR 09/25/20

Prep Reconciled Initials/Date: ME 09/25/2020
 Spike Reconciled Initials/Date: RR 09/25/2020
 VialBoxID: Habit

PREPARATION BENCH SHEET

Matrix: Solid

B0I0199

Chemist: RR

Method: 1668A Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 25-Sep-20 14:02

Sox	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	CRS/PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisol CHEM/ DATE	RS CHEM/WIT DATE
	B0I0199-BLK1	NA	(3.00)	RR ME 09/25/20	AO EM 09/27/20	NA	AO 09/27/20	NA	NA	AO RW 09/27/20
	B0I0199-BS1	↓	(3.00)	↓	↓	↓	↓	↓	↓	↓
	2002008-01	6.26	3.18	↓	↓	↓	brown	↓	↓	↓
	2002008-02	5.07	3.52	↓	↓	↓	purple	↓	↓	↓
	2002008-03	5.21	3.44	↓	↓	↓	↓	↓	↓	↓
	2002008-04	6.10	3.19	↓	↓	↓	↓	↓	↓	↓
	2002008-05	5.33	4.34	↓	↓	↓	↓	↓	↓	↓

IS: 19B2601, 10ML (V2)	Cycle Time	APP: SEFUN (SOX) SDS	Check Out: DG 09/25/20	Soxhlet Siphoned Chemist/Date:	Notes:
NS: 19B2602, 10ML (V2)	Start Date/Time: 09/25/20 18:07	SOLV: Toluene	Check In: RR 09/29/20	RR 09/25/20	
PS/CRS: 19B2603, 10ML (V2)	Stop Date/Time: 09/26/20 10:10	Other: NA	Balance ID: HRMS-8	Vial Transfer Chemist/Date: CIO 09/27/20	
RS: 19B2604, 10ML (V2)		Final Volume(s): C9 100ML			
Diox/F PCB PAH PEST PBDE HCB					

Comments:

- 1 = Sample approached dryness on rotovap
- 2 = Sample bumped on rotovap; lost < 5%
- 3 = Sample poured through Na2SO4 to remove water
- 4 = Precipitate present at Final Volume
- 5 = Sample homogenized in secondary container
- 6 = Sample clogged during extraction; pipetted and used Nitrogen to assist
- 7 = Soxhlet approached dryness

Percent Moisture/ Percent Solids

D2216-90

BATCH ID B010197

Analyst: DG	Test Code: %Moist%Solids	Data Entry Verified by: (Initial and Date) ab 09/29/20
Analyte: Dried at 110°C+/-5°C	Units: %	
Oven ID: 01 02		

Inst **HRMS-9** **Date/Time IN: 09/25/20 1501** **Date/Time OUT: 09/29/20 1312**

Particle Size	SampID	SampType	E		G		%Solids RawVal	Visual Inspection	K				Sample Homogenized*	
			Initial and Date:		Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)			Dry Sample Weight (g)	DG 09/25/20		NA		
			Pan Tare Wt. (gms)	DG 09/25/20						AO 09/29/20	pH Before	pH After		Acid Added
	2002008-01	Sample	1.2900	5.3200	3.2200	1.9300	47.89	MUD	NA	NA	NA	NA	X	
	2002008-02	Sample	1.2900	5.8400	3.9800	2.6900	59.12	MUD	NA	NA	NA	NA	X	
	2002008-03	Sample	1.2900	6.8700	4.5000	3.2100	57.53	MUD	NA	NA	NA	NA	X	
	2002008-04	Sample	1.2900	7.4700	4.3300	3.0400	49.19	MUD	NA	NA	NA	NA	X	
	2002008-05	Sample	1.2800	5.8100	3.8300	2.5500	56.29	MUD	NA	NA	NA	NA	X	

*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90

BATCH ID B0I0197

Analyst: DG	Test Code: %Moist/%Solids	Data Entry Verified by: (Initial and Date) _____
Analyte:	Units: %	
Dried at 110°C +/- 5°C Oven ID: 01 02		

Inst **HRMS-9**

Date/Time IN: **09/25/20**
Date/Time OUT: **09/29/20**

B		C	D	E		F	G	H	I	K	L	M	N	O	P
Particle Size	SampID	SampType	Initial and Date: DG 09/25/20		Date: 09/29/20		Dry Sample Weight (g)	%Solids RawVal	Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*	
			Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)										
	2002008-01	A	1.29	5.32	3.22				MOD						X
	2002008-02	A	1.29	5.84	3.98										X
	2002008-03	A	1.29	6.87	4.50										X
	2002008-04	A	1.29	7.47	4.33										X
	2002008-05	A	1.28	5.81	3.83										X

*Sample homogenized in sample container unless otherwise noted.

Batch: B0I0199

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2002008-01	3.18 ✓	47.89082	1.5229	100	25-Sep-20 14:02	RR			Sediment	1668A Full List
2002008-02	3.52 ✓	59.12088	2.0811	100	25-Sep-20 14:02	RR			Sediment	1668A Full List
2002008-03	3.44 ✓	57.52688	1.9789	100	25-Sep-20 14:02	RR			Sediment	1668A Full List
2002008-04	3.19 ✓	49.19094	1.5692	100	25-Sep-20 14:02	RR			Sediment	1668A Full List
2002008-05	4.34 ✓	56.29139	2.4430	100	25-Sep-20 14:02	RR			Sediment	1668A Full List
B0I0199-BLK1	3			100	25-Sep-20 14:02	RR				QC
B0I0199-BS1	3			100	25-Sep-20 14:02	RR	19B2602	10		QC

All bolded data on report verified against written benchsheet by (initial/date)

AO 09/29/20

Printed: 9/29/2020 1:40:29PM
Page 1 of 1

SAMPLE DATA – EPA METHOD 1613

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-8.qld

Last Altered: Thursday, October 01, 2020 3:26:36 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:27:23 PM Pacific Daylight Time

GPB 10/01/2020

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

CY 10/02/2020

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD			NO	1.02	10.000	26.433		1.001				0.0203	
2	2 1,2,3,7,8-PeCDD			NO	0.956	10.000	31.054		1.001				0.0279	
3	3 1,2,3,4,7,8-HxCDD			NO	1.00	10.000	34.358		1.000				0.0360	
4	4 1,2,3,6,7,8-HxCDD			NO	0.888	10.000	34.465		1.000				0.0383	
5	5 1,2,3,7,8,9-HxCDD			NO	0.909	10.000	34.753		1.000				0.0395	
6	6 1,2,3,4,6,7,8-HpCDD			NO	0.832	10.000	38.201		1.000				0.0379	
7	7 OCDD			NO	0.862	10.000	41.136		1.000				0.164	
8	8 2,3,7,8-TCDF			NO	0.735	10.000	25.740		1.000				0.0165	
9	9 1,2,3,7,8-PeCDF			NO	0.939	10.000	29.817		1.001				0.0216	
10	10 2,3,4,7,8-PeCDF			NO	1.05	10.000	30.880		1.001				0.0192	
11	11 1,2,3,4,7,8-HxCDF			NO	0.842	10.000	33.432		1.000				0.0192	
12	12 1,2,3,6,7,8-HxCDF			NO	0.894	10.000	33.581		1.000				0.0190	
13	13 2,3,4,6,7,8-HxCDF			NO	0.870	10.000	34.262		1.001				0.0214	
14	14 1,2,3,7,8,9-HxCDF	8.93e1	1.17	NO	0.855	10.000	35.264	35.25	1.001	1.000	0.020341		0.0134	0.0203
15	15 1,2,3,4,6,7,8-HpCDF			NO	0.891	10.000	36.863		1.001				0.0312	
16	16 1,2,3,4,7,8,9-HpCDF			NO	1.00	10.000	38.807		1.000				0.0280	
17	17 OCDF			NO	0.784	10.000	41.424		1.000				0.0527	
18	18 13C-2,3,7,8-TCDD	1.64e6	0.78	NO	1.15	10.000	26.389	26.40	1.029	1.029	203.37	102	0.0979	
19	19 13C-1,2,3,7,8-PeCDD	1.37e6	0.62	NO	0.887	10.000	30.976	31.03	1.207	1.210	221.72	111	0.205	
20	20 13C-1,2,3,4,7,8-HxCDD	9.94e5	1.28	NO	0.801	10.000	34.350	34.35	1.014	1.014	203.39	102	0.350	
21	21 13C-1,2,3,6,7,8-HxCDD	1.09e6	1.26	NO	0.892	10.000	34.479	34.47	1.018	1.017	200.60	100	0.314	
22	22 13C-1,2,3,7,8,9-HxCDD	1.08e6	1.26	NO	0.882	10.000	34.740	34.74	1.025	1.025	201.12	101	0.318	
23	23 13C-1,2,3,4,6,7,8-HpCDD	8.69e5	1.04	NO	0.719	10.000	38.172	38.19	1.127	1.127	198.05	99.0	0.495	
24	24 13C-OCDD	1.27e6	0.88	NO	0.563	10.000	41.099	41.14	1.213	1.214	368.88	92.2	0.465	
25	25 13C-2,3,7,8-TCDF	2.05e6	0.77	NO	1.01	10.000	25.732	25.73	1.003	1.003	201.13	101	0.151	
26	26 13C-1,2,3,7,8-PeCDF	1.86e6	1.60	NO	0.814	10.000	29.737	29.80	1.159	1.162	226.45	113	0.337	
27	27 13C-2,3,4,7,8-PeCDF	1.78e6	1.58	NO	0.768	10.000	30.773	30.85	1.200	1.203	230.38	115	0.357	
28	28 13C-1,2,3,4,7,8-HxCDF	1.20e6	0.51	NO	0.993	10.000	33.429	33.43	0.987	0.987	198.19	99.1	0.355	
29	29 13C-1,2,3,6,7,8-HxCDF	1.19e6	0.51	NO	0.990	10.000	33.571	33.57	0.991	0.991	196.53	98.3	0.356	
30	30 13C-2,3,4,6,7,8-HxCDF	1.14e6	0.51	NO	0.944	10.000	34.239	34.24	1.011	1.011	198.09	99.0	0.373	
31	31 13C-1,2,3,7,8,9-HxCDF	1.03e6	0.51	NO	0.842	10.000	35.255	35.24	1.041	1.040	200.06	100	0.419	

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-8.qld

Last Altered: Thursday, October 01, 2020 3:26:36 PM Pacific Daylight Time

Printed: Thursday, October 01, 2020 3:27:23 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	8.44e5	0.43	NO	0.687	10.000	36.844	36.83	1.087	1.087	201.57	101	0.469	
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.75e5	0.43	NO	0.555	10.000	38.792	38.81	1.145	1.145	199.64	99.8	0.581	
34	34 13C-OCDF	1.33e6	0.87	NO	0.608	10.000	41.380	41.42	1.221	1.223	358.01	89.5	0.370	
35	35 37Cl-2,3,7,8-TCDD	7.45e5			1.18	10.000	26.420	26.43	1.030	1.030	90.508	113	0.0341	
36	36 13C-1,2,3,4-TCDD	1.40e6	0.78	NO	1.00	10.000	25.740	25.65	1.000	1.000	200.00	100	0.113	
37	37 13C-1,2,3,4-TCDF	2.02e6	0.78	NO	1.00	10.000	24.310	24.20	1.000	1.000	200.00	100	0.152	
38	38 13C-1,2,3,4,6,9-HxCDF	1.22e6	0.51	NO	1.00	10.000	33.920	33.88	1.000	1.000	200.00	100	0.352	
39	39 Total Tetra-Dioxins				1.02	10.000	24.620		0.000				0.0121	
40	40 Total Penta-Dioxins				0.956	10.000	29.960		0.000				0.0115	
41	41 Total Hexa-Dioxins				0.888	10.000	33.635		0.000				0.0200	
42	42 Total Hepta-Dioxins				0.832	10.000	37.640		0.000				0.0197	
43	43 Total Tetra-Furans				0.735	10.000	23.610		0.000				0.00737	
44	44 1st Func. Penta-Furans				0.939	10.000	27.230		0.000				0.00563	
45	45 Total Penta-Furans				0.939	10.000	29.275		0.000				0.00907	
46	46 Total Hexa-Furans				0.870	10.000	33.555		0.000		0.056571		0.0108	0.0566
47	47 Total Hepta-Furans				0.891	10.000	37.835		0.000				0.0194	

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-8.qld
Last Altered: Thursday, October 01, 2020 3:26:36 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:27:23 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-8.qld

Last Altered: Thursday, October 01, 2020 3:26:36 PM Pacific Daylight Time

Printed: Thursday, October 01, 2020 3:27:23 PM Pacific Daylight Time

Name: 201001R1_8; Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,7,8,9-HxCDF	35.25	1.770e3	1.450e3	4.815e1	4.118e1	1.17	NO	8.933e1	0.020341	0.020341	0.0134
2	Total Hexa-Furans	35.27	2.608e3	2.335e3	9.272e1	8.673e1	1.07	NO	1.794e2	0.036230	0.036230	0.0108

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Dataset: Untitled

Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time

Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

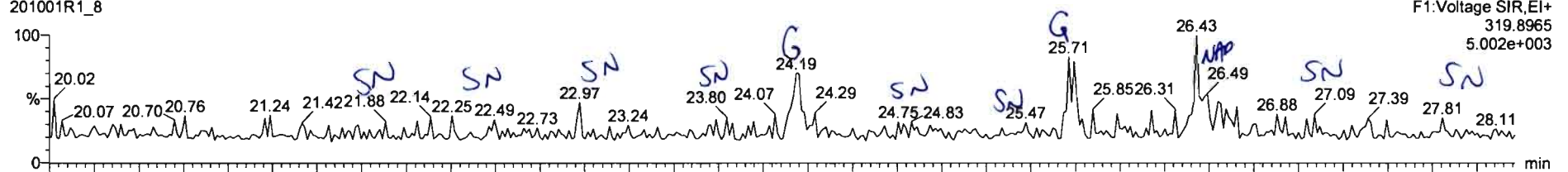
Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

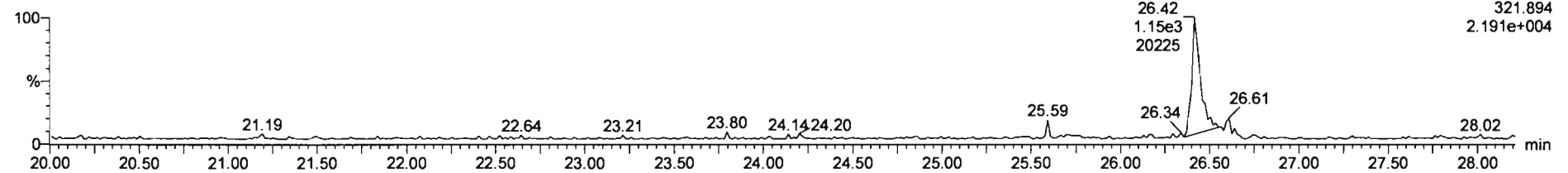
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

2,3,7,8-TCDD

201001R1_8

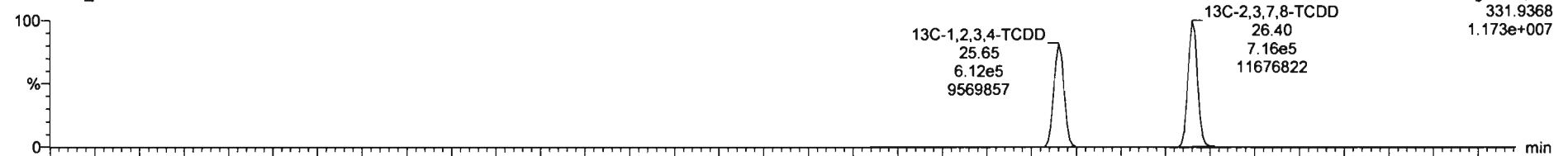


201001R1_8

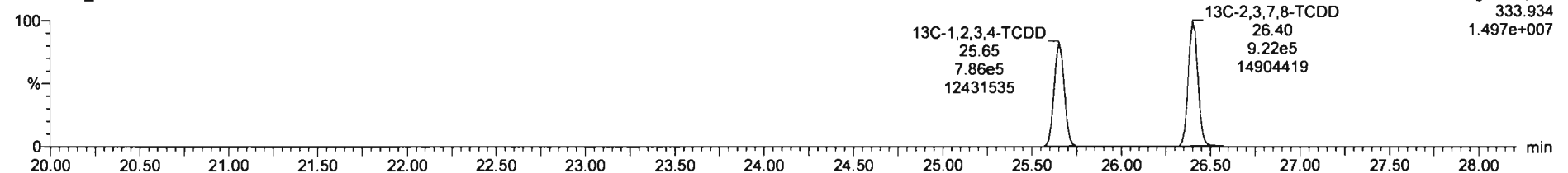


13C-2,3,7,8-TCDD

201001R1_8



201001R1_8



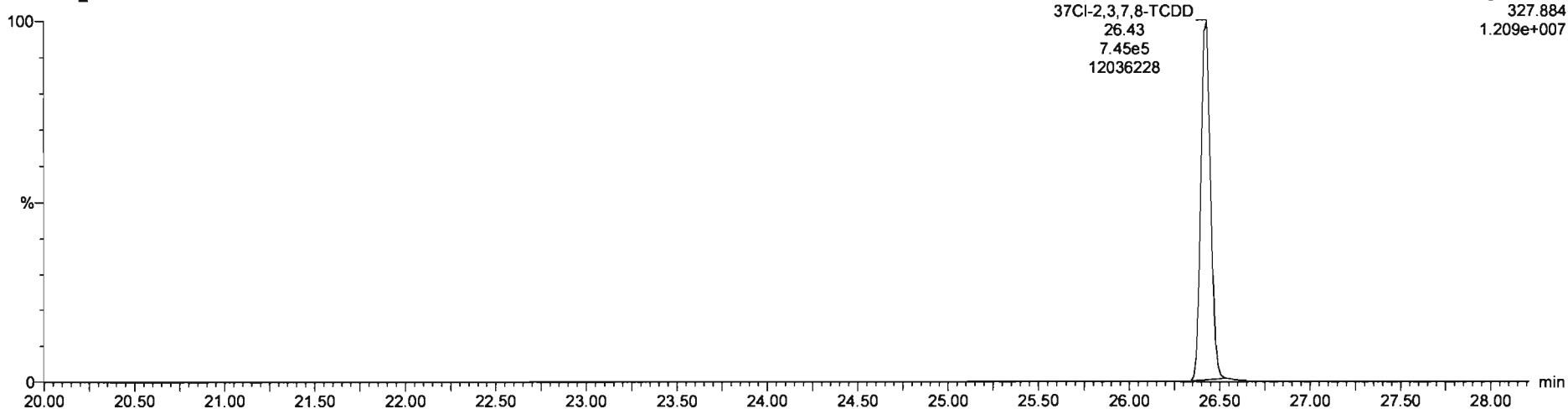
Dataset: Untitled

Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

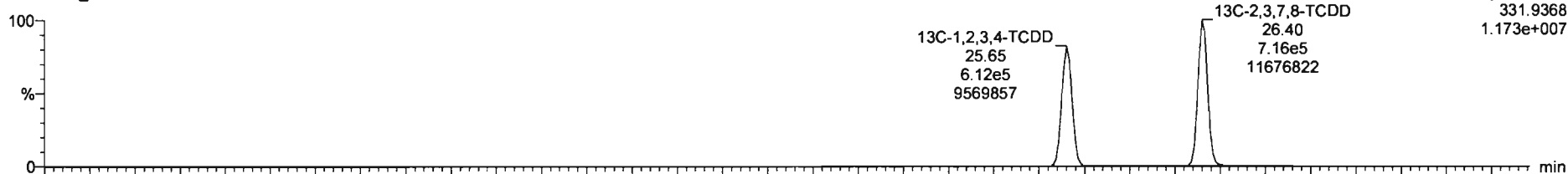
37Cl-2,3,7,8-TCDD

201001R1_8

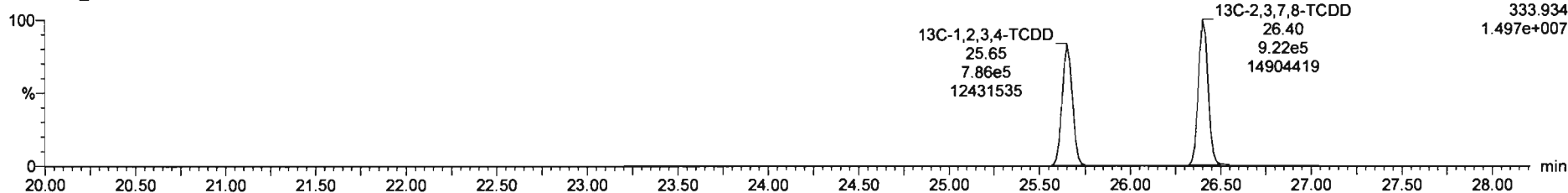


13C-1,2,3,4-TCDD

201001R1_8



201001R1_8



Dataset: Untitled

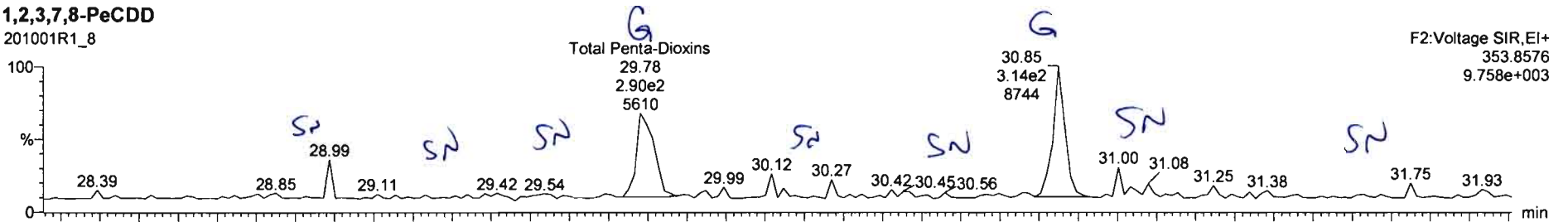
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Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

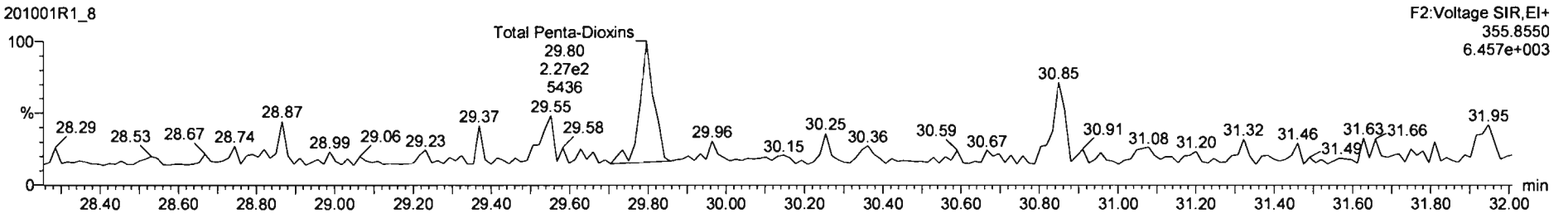
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

1,2,3,7,8-PeCDD

201001R1_8

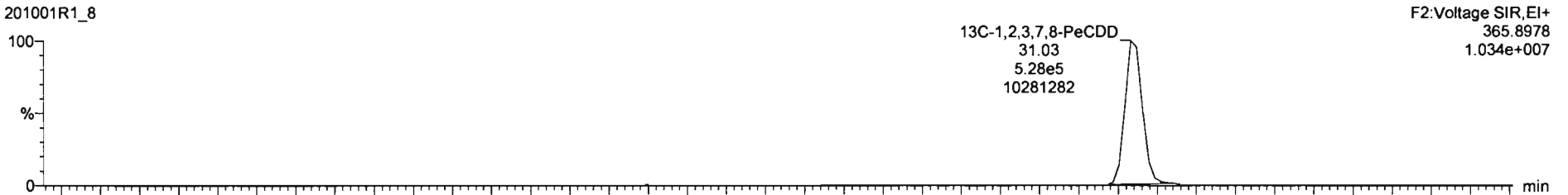


201001R1_8

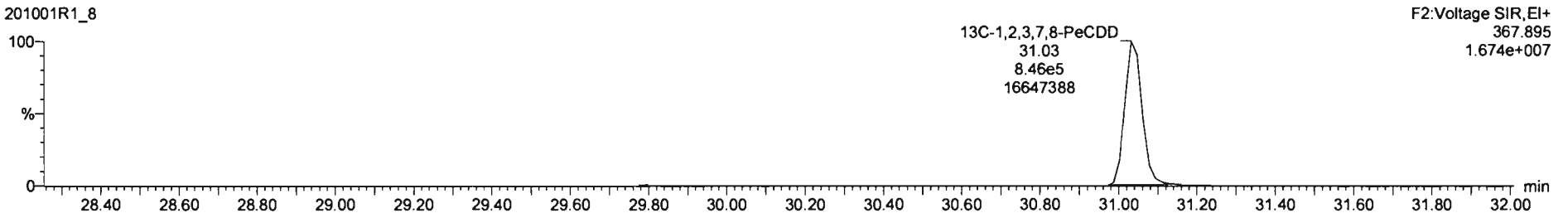


13C-1,2,3,7,8-PeCDD

201001R1_8



201001R1_8



Dataset: Untitled

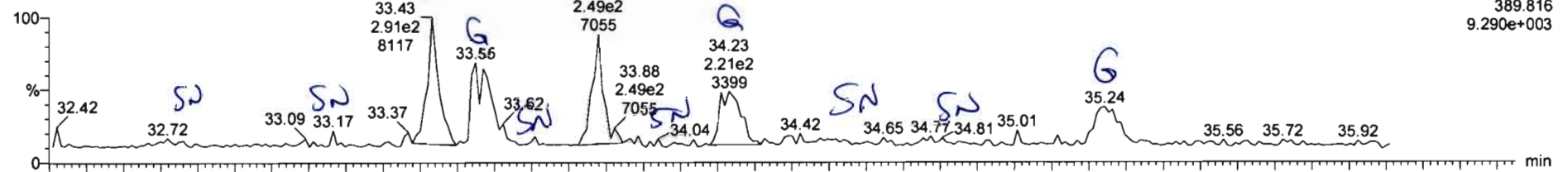
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Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

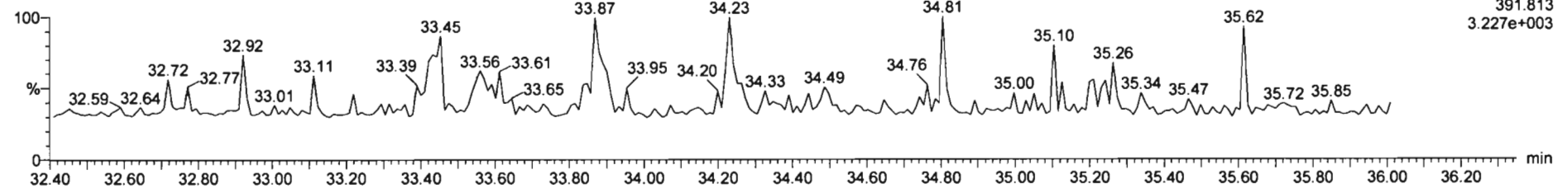
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B010198-BLK1 Method Blank 10, Description: Method Blank

1,2,3,4,7,8-HxCDD

201001R1_8

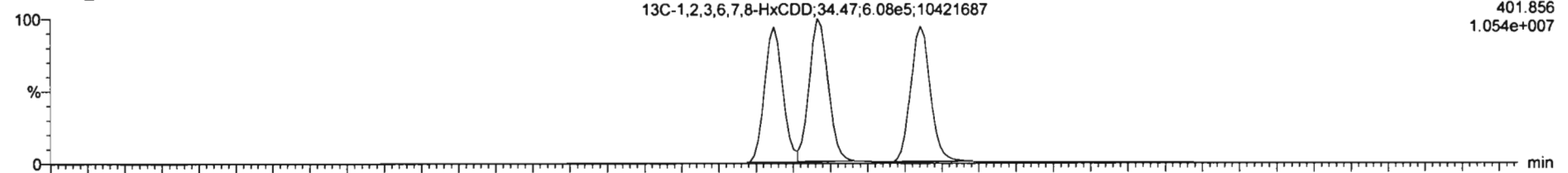


201001R1_8

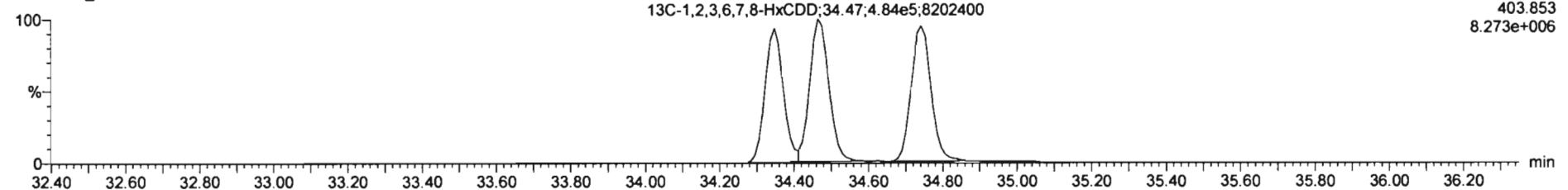


13C-1,2,3,4,7,8-HxCDD

201001R1_8



201001R1_8



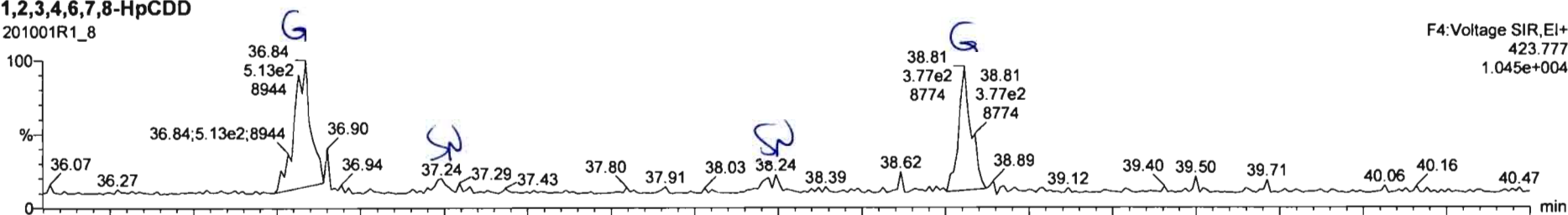
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Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

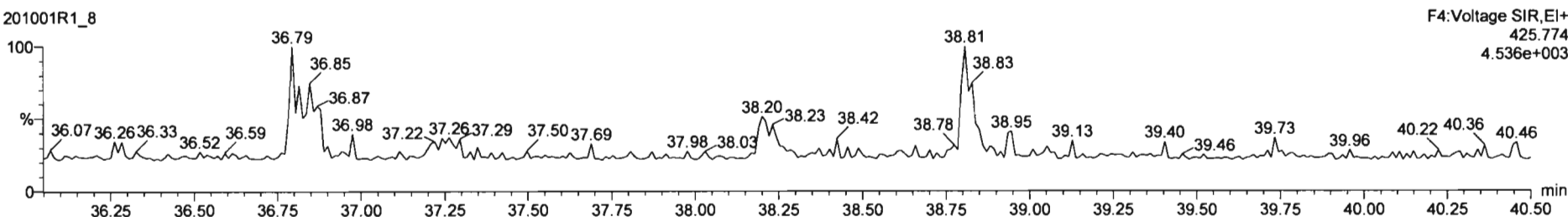
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

1,2,3,4,6,7,8-HpCDD

201001R1_8

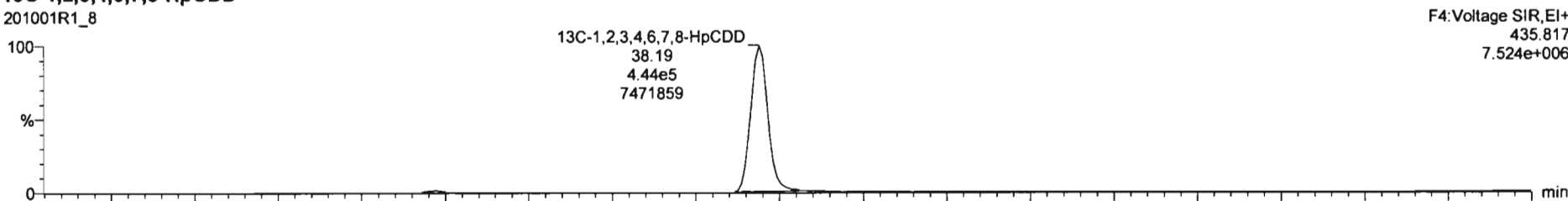


201001R1_8

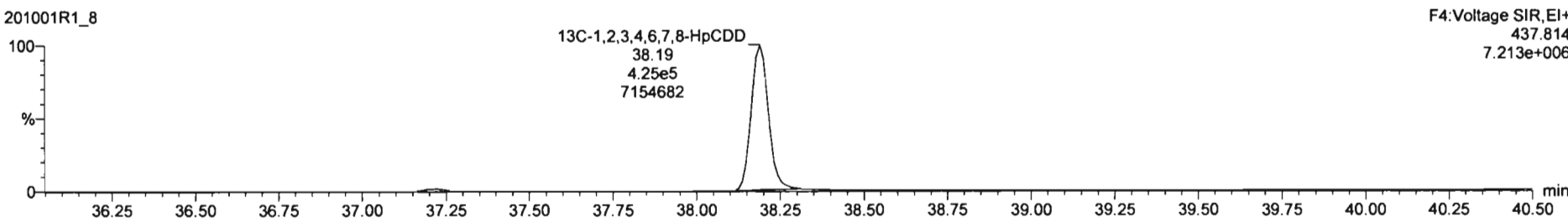


13C-1,2,3,4,6,7,8-HpCDD

201001R1_8



201001R1_8



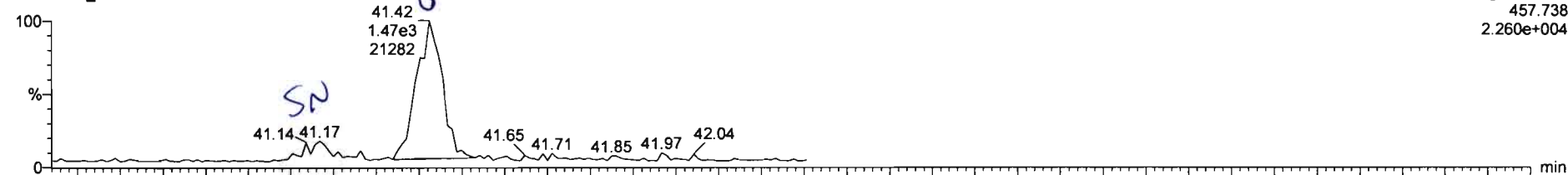
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Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

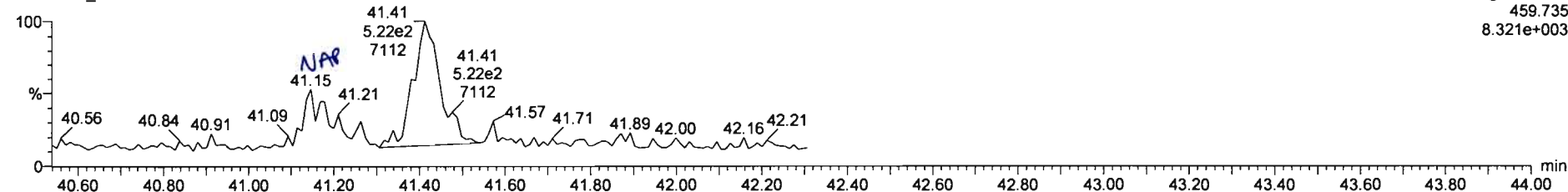
OCDD

201001R1_8



F5:Voltage SIR, EI+
457.738
2.260e+004

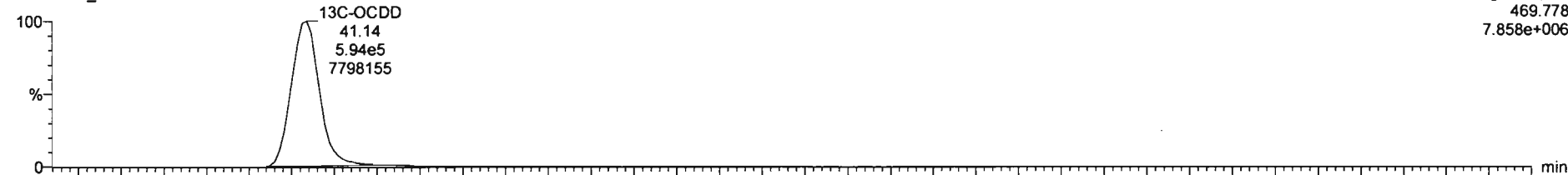
201001R1_8



F5:Voltage SIR, EI+
459.735
8.321e+003

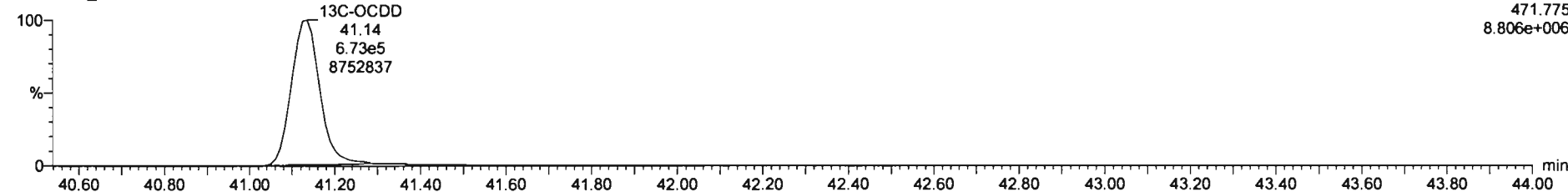
13C-OCDD

201001R1_8



F5:Voltage SIR, EI+
469.778
7.858e+006

201001R1_8



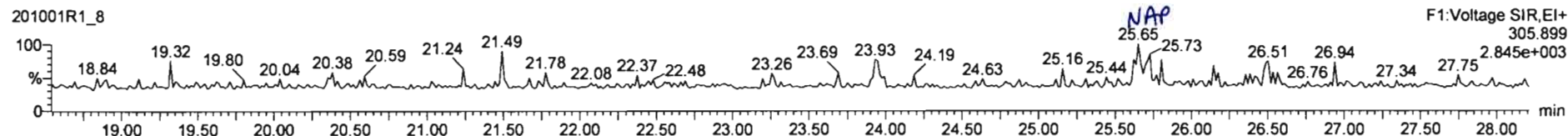
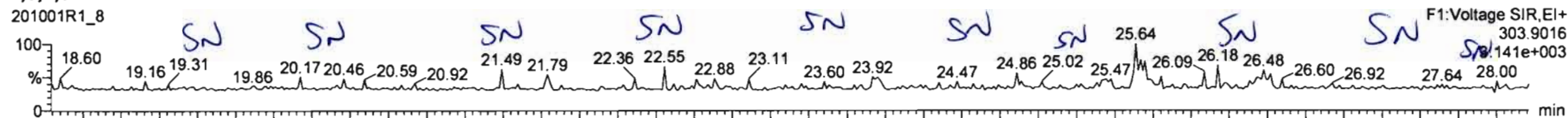
F5:Voltage SIR, EI+
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8.806e+006

Dataset: Untitled

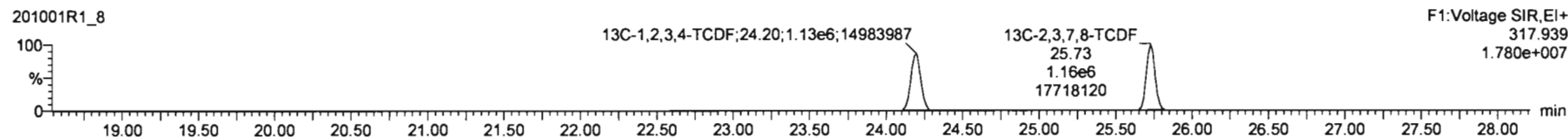
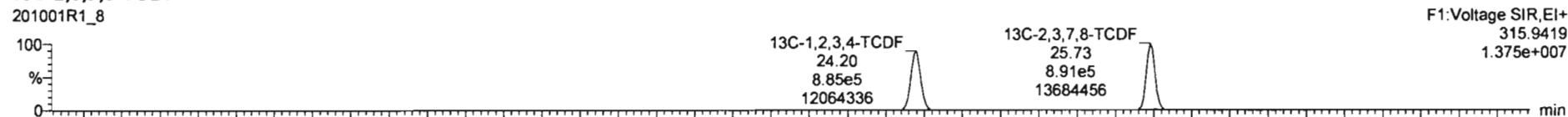
Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

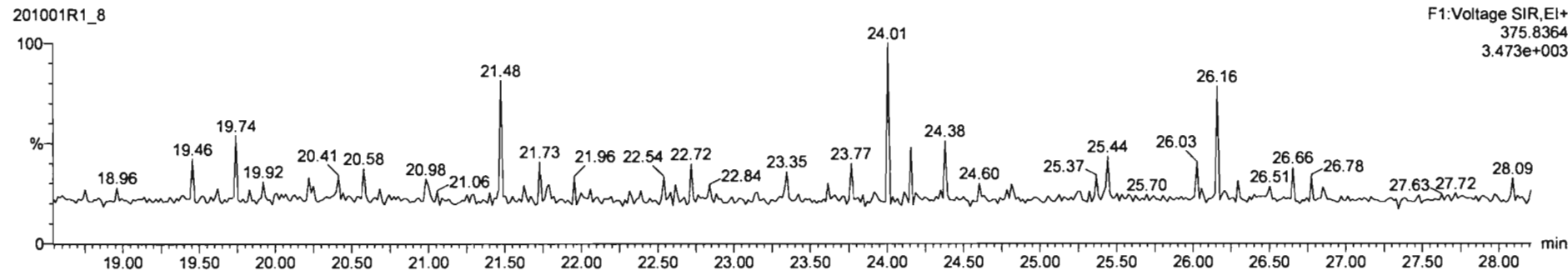
2,3,7,8-TCDF



13C-2,3,7,8-TCDF



DPE1



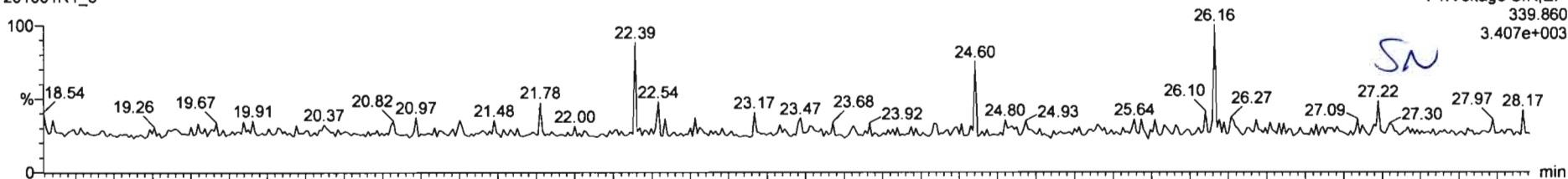
Dataset: Untitled

Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

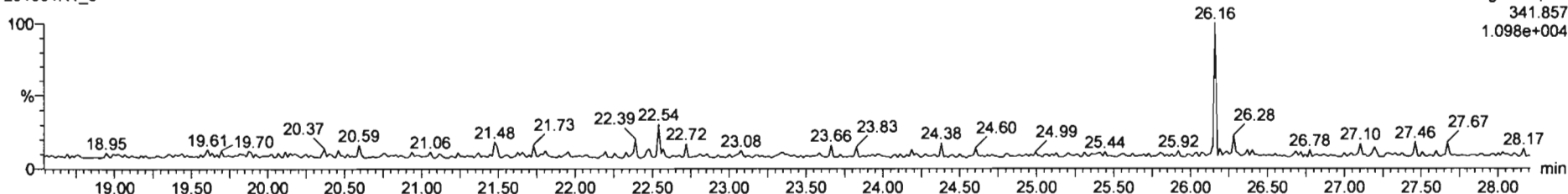
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

1st Func. Penta-Furans

201001R1_8

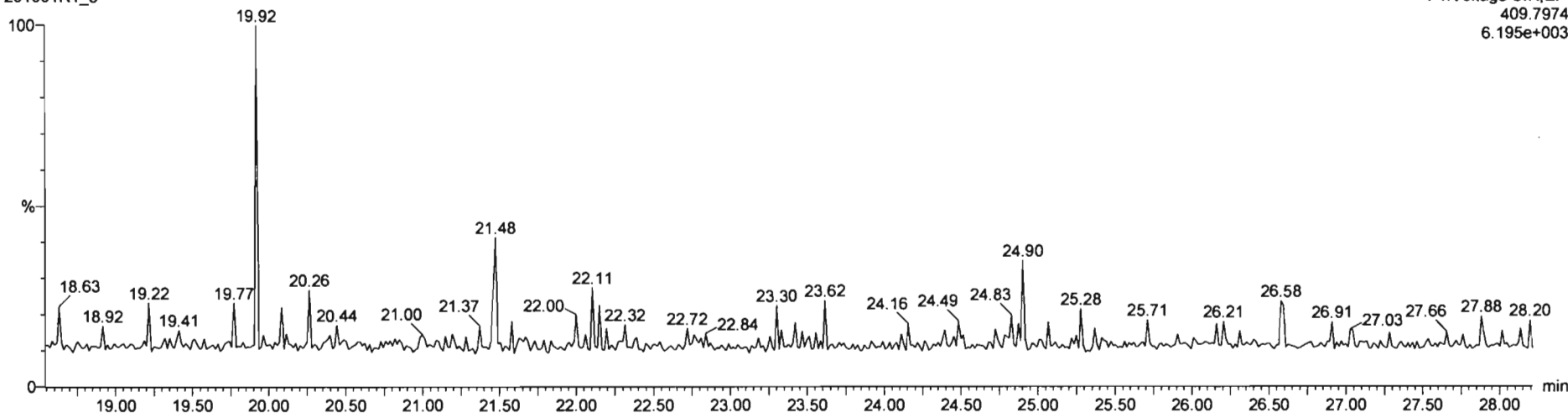


201001R1_8



DPE6

201001R1_8

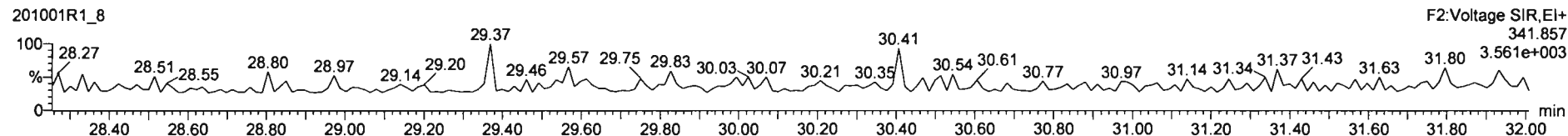
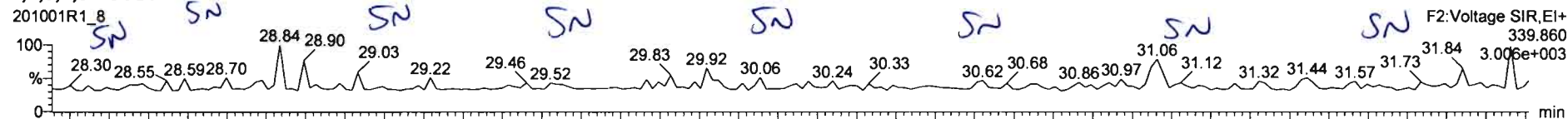


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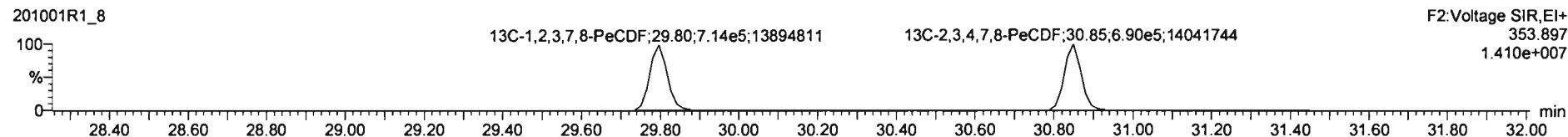
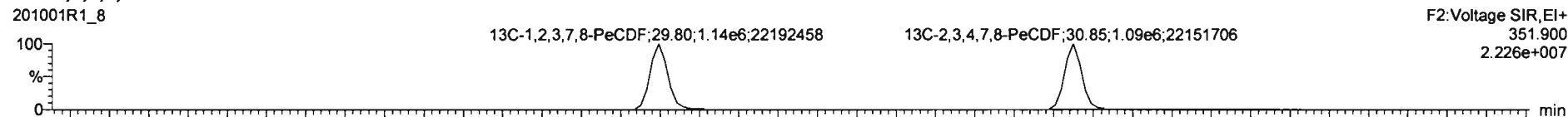
Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

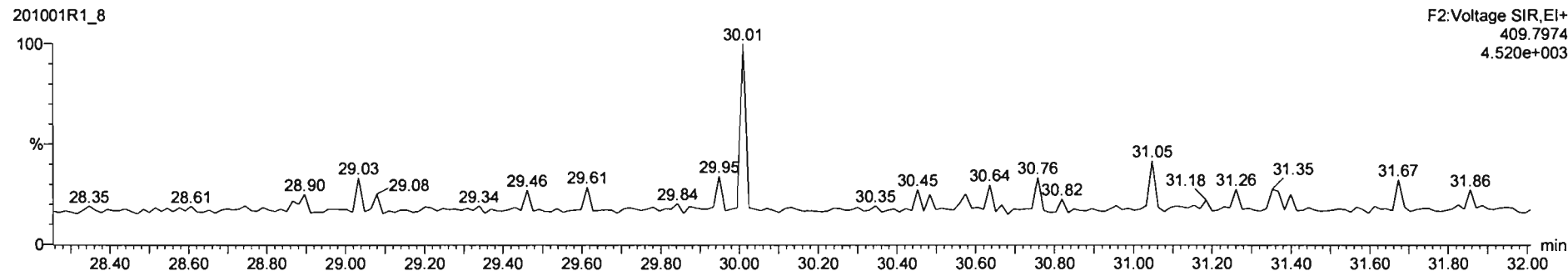
1,2,3,7,8-PeCDF



13C-1,2,3,7,8-PeCDF



DPE2



Dataset: Untitled

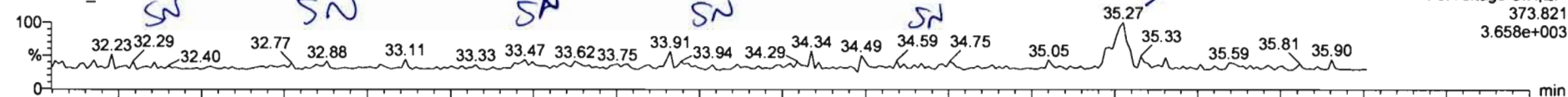
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Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

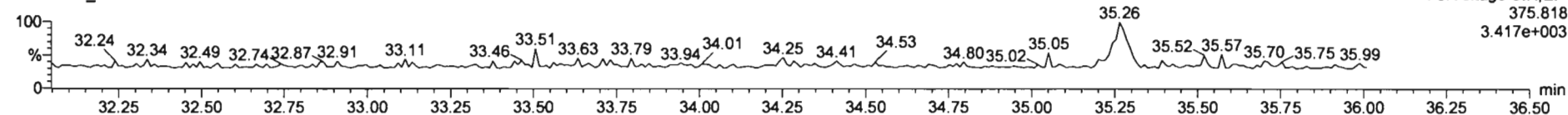
Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B010198-BLK1 Method Blank 10, Description: Method Blank

1,2,3,4,7,8-HxCDF

201001R1_8

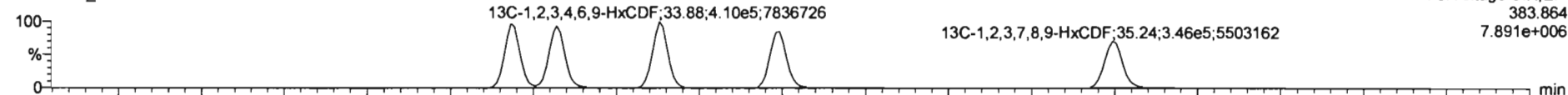


201001R1_8

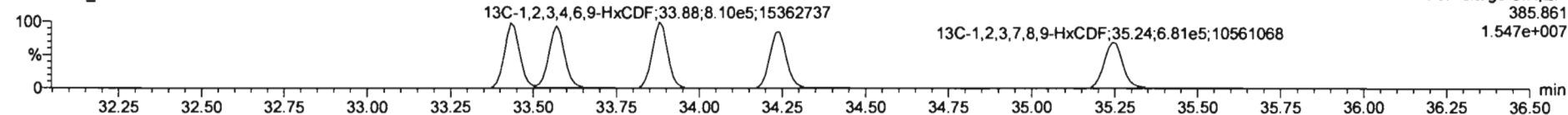


13C-1,2,3,4,7,8-HxCDF

201001R1_8

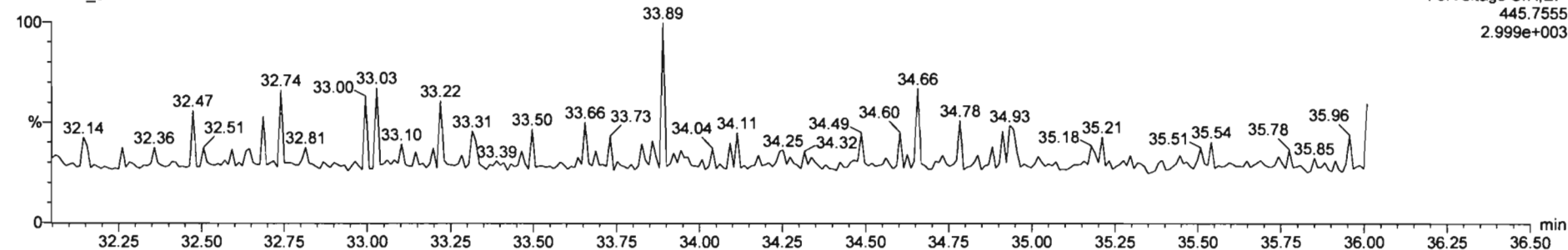


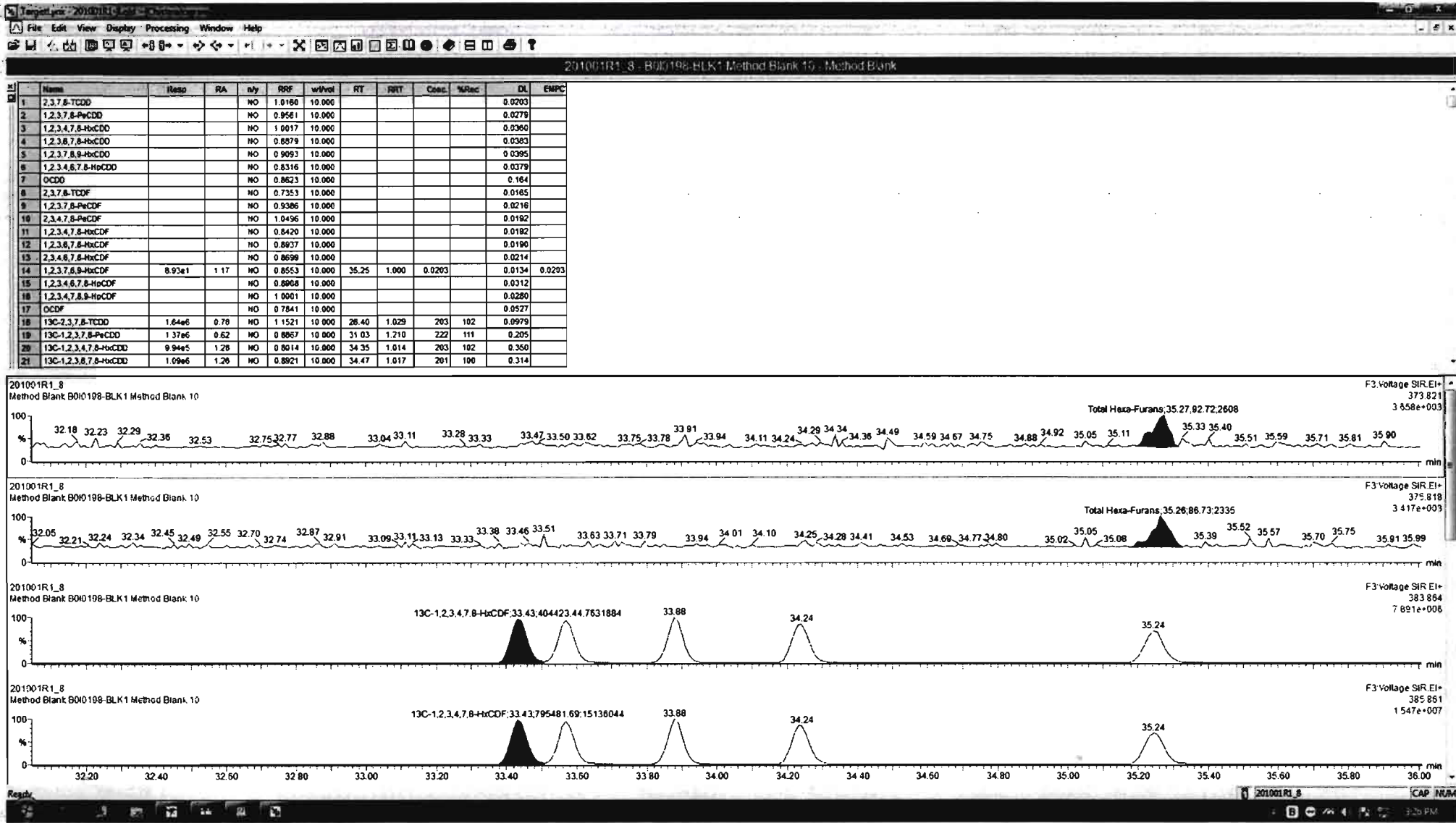
201001R1_8



DPE3

201001R1_8



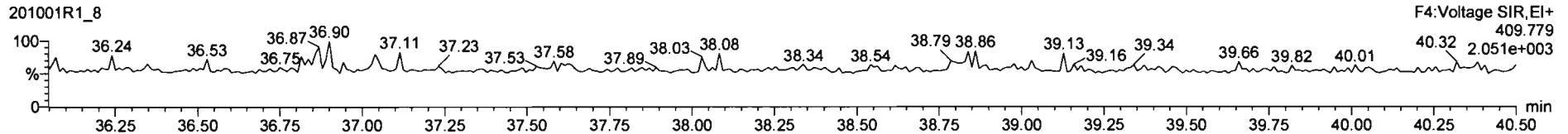
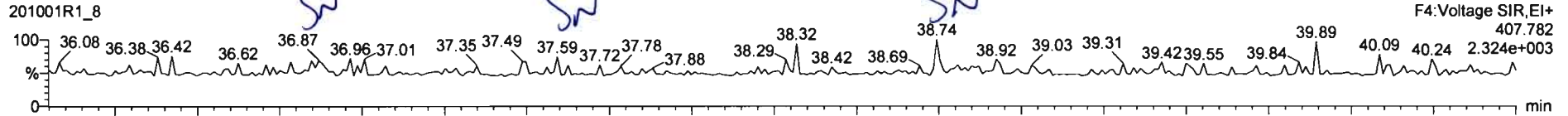


Dataset: Untitled

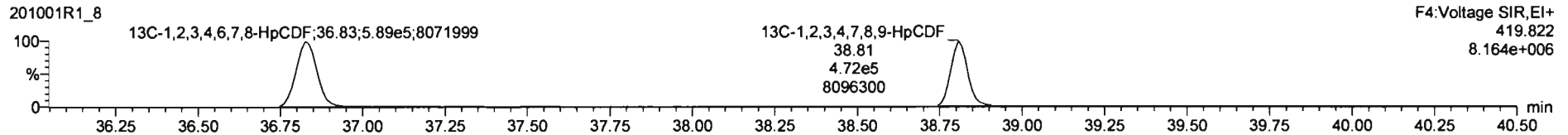
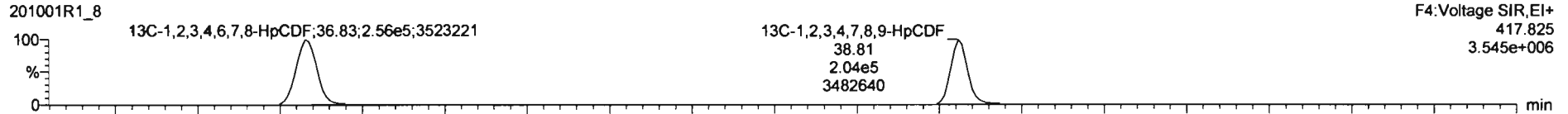
Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B010198-BLK1 Method Blank 10, Description: Method Blank

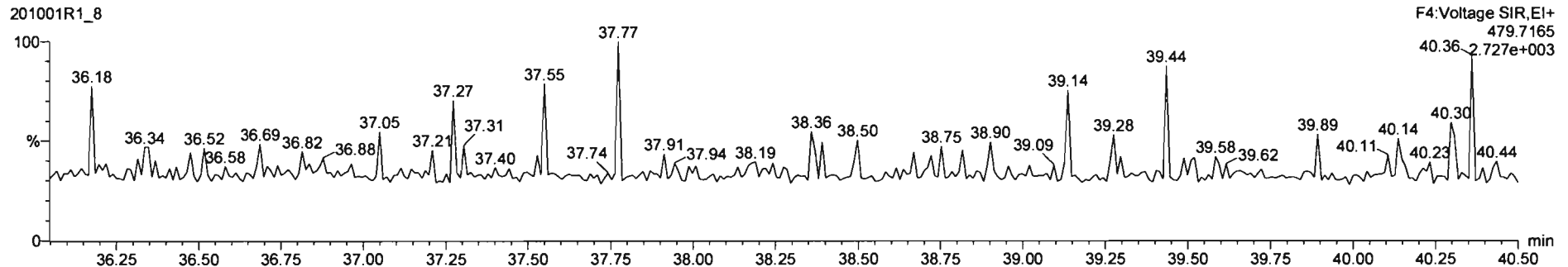
1,2,3,4,6,7,8-HpCDF



13C-1,2,3,4,6,7,8-HpCDF



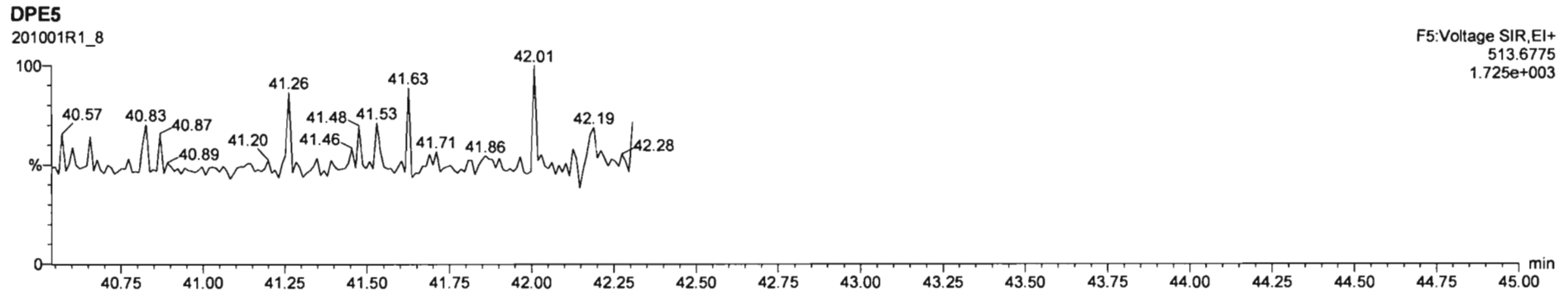
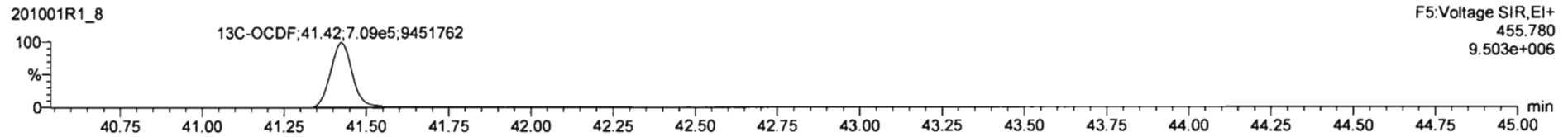
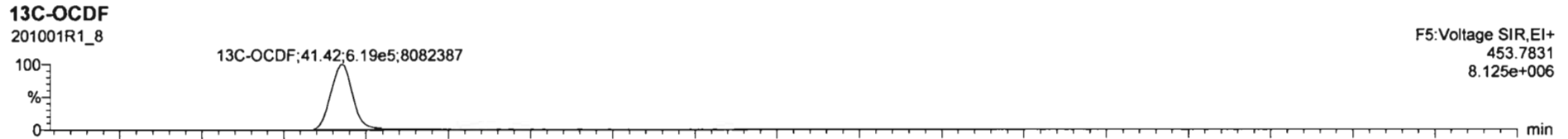
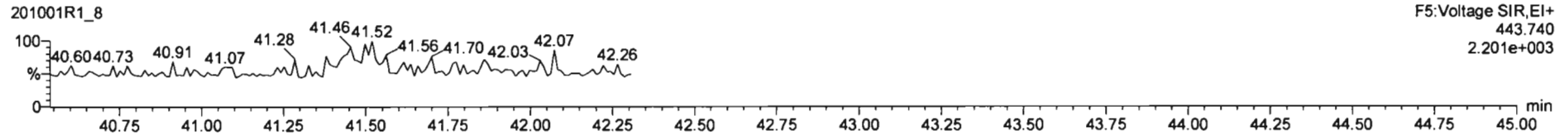
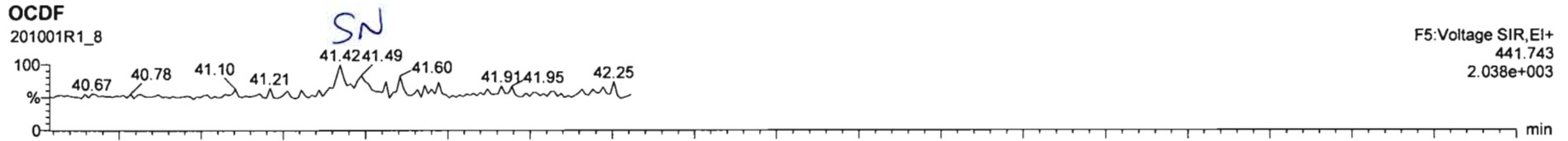
DPE4



Dataset: Untitled

Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time
Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank

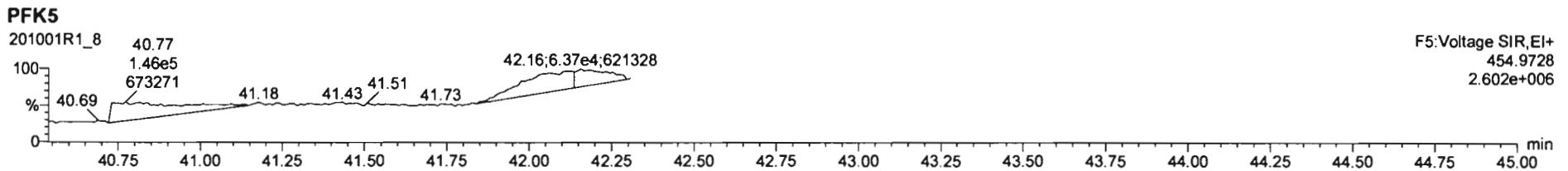
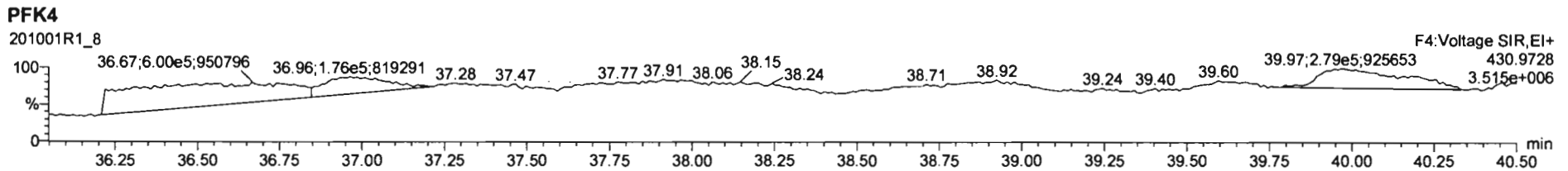
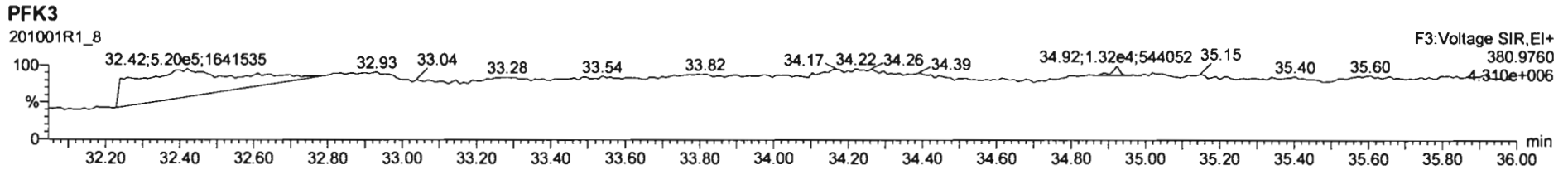
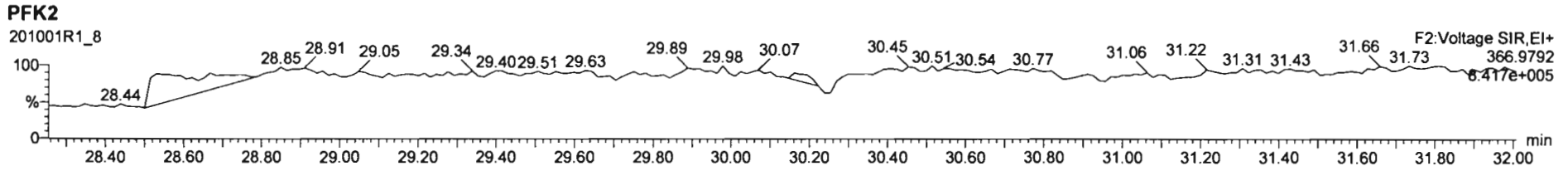
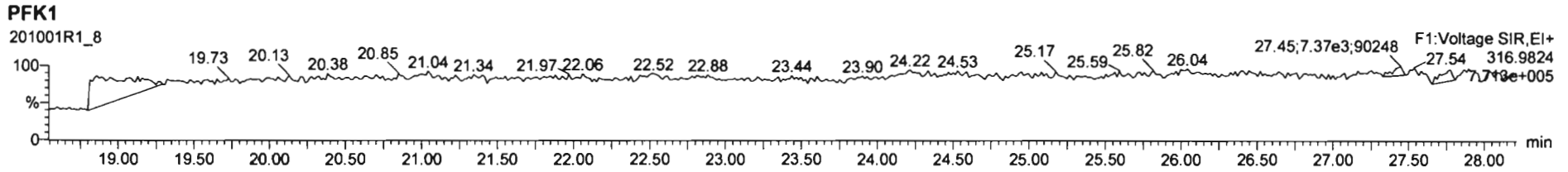


Dataset: Untitled

Last Altered: Thursday, October 01, 2020 3:22:19 PM Pacific Daylight Time

Printed: Thursday, October 01, 2020 3:23:10 PM Pacific Daylight Time

Name: 201001R1_8, Date: 01-Oct-2020, Time: 14:38:40, ID: B0I0198-BLK1 Method Blank 10, Description: Method Blank



Dataset: U:\VG12.PRO\Results\201001R1\201001R1-4.qld

Last Altered: Friday, October 02, 2020 13:27:33 Pacific Daylight Time
Printed: Friday, October 02, 2020 13:27:46 Pacific Daylight Time

GPB 10/02/2020

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

CT 10/02/2020

Name: 201001R1_4, Date: 01-Oct-2020, Time: 11:43:27, ID: B0I0198-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	1.56e5	0.76	NO	1.02	10.000	26.448	26.43	1.001	1.001	20.902		0.0418	20.9
2	2 1,2,3,7,8-PeCDD	5.98e5	0.61	NO	0.956	10.000	31.070	31.06	1.001	1.000	104.50		0.0831	104
3	3 1,2,3,4,7,8-HxCDD	4.72e5	1.24	NO	1.00	10.000	34.369	34.37	1.000	1.000	112.85		0.158	113
4	4 1,2,3,6,7,8-HxCDD	4.68e5	1.23	NO	0.888	10.000	34.476	34.49	1.000	1.000	111.65		0.162	112
5	5 1,2,3,7,8,9-HxCDD	4.81e5	1.22	NO	0.909	10.000	34.763	34.76	1.000	1.000	113.51		0.169	114
6	6 1,2,3,4,6,7,8-HpCDD	3.62e5	1.02	NO	0.832	10.000	38.211	38.21	1.000	1.000	113.50		0.314	113
7	7 OCDD	5.58e5	0.87	NO	0.862	10.000	41.146	41.16	1.000	1.000	223.21		0.358	223
8	8 2,3,7,8-TCDF	1.64e5	0.73	NO	0.735	10.000	25.756	25.76	1.000	1.001	23.239		0.0482	23.2
9	9 1,2,3,7,8-PeCDF	8.57e5	1.55	NO	0.939	10.000	29.833	29.83	1.001	1.001	112.47		0.115	112
10	10 2,3,4,7,8-PeCDF	9.32e5	1.55	NO	1.05	10.000	30.880	30.86	1.001	1.001	110.95		0.100	111
11	11 1,2,3,4,7,8-HxCDF	5.44e5	1.21	NO	0.842	10.000	33.443	33.46	1.000	1.001	122.95		0.209	123
12	12 1,2,3,6,7,8-HxCDF	5.60e5	1.22	NO	0.894	10.000	33.592	33.59	1.000	1.000	122.06		0.200	122
13	13 2,3,4,6,7,8-HxCDF	5.36e5	1.21	NO	0.870	10.000	34.263	34.26	1.001	1.001	123.57		0.235	124
14	14 1,2,3,7,8,9-HxCDF	4.63e5	1.21	NO	0.855	10.000	35.275	35.28	1.001	1.001	121.40		0.283	121
15	15 1,2,3,4,6,7,8-HpCDF	4.01e5	1.01	NO	0.891	10.000	36.863	36.86	1.001	1.001	119.45		0.342	119
16	16 1,2,3,4,7,8,9-HpCDF	3.74e5	1.01	NO	1.00	10.000	38.807	38.83	1.000	1.001	125.19		0.312	125
17	17 OCDF	5.83e5	0.87	NO	0.784	10.000	41.434	41.44	1.000	1.000	243.28		0.377	243
18	18 13C-2,3,7,8-TCDD	1.47e6	0.77	NO	1.15	10.000	26.405	26.42	1.029	1.029	176.43	88.2	0.153	
19	19 13C-1,2,3,7,8-PeCDD	1.20e6	0.62	NO	0.887	10.000	30.994	31.05	1.207	1.210	186.28	93.1	0.206	
20	20 13C-1,2,3,4,7,8-HxCDD	8.36e5	1.27	NO	0.801	10.000	34.361	34.36	1.014	1.014	170.27	85.1	0.293	
21	21 13C-1,2,3,6,7,8-HxCDD	9.44e5	1.28	NO	0.892	10.000	34.490	34.48	1.018	1.017	172.68	86.3	0.263	
22	22 13C-1,2,3,7,8,9-HxCDD	9.31e5	1.25	NO	0.882	10.000	34.751	34.75	1.025	1.025	172.29	86.1	0.266	
23	23 13C-1,2,3,4,6,7,8-HpCDD	7.67e5	1.01	NO	0.719	10.000	38.184	38.20	1.127	1.127	174.11	87.1	0.508	
24	24 13C-OCDD	1.16e6	0.89	NO	0.563	10.000	41.112	41.15	1.213	1.214	336.43	84.1	0.771	
25	25 13C-2,3,7,8-TCDF	1.93e6	0.77	NO	1.01	10.000	25.748	25.74	1.003	1.003	180.83	90.4	0.193	
26	26 13C-1,2,3,7,8-PeCDF	1.62e6	1.60	NO	0.814	10.000	29.754	29.81	1.159	1.161	189.13	94.6	0.277	
27	27 13C-2,3,4,7,8-PeCDF	1.60e6	1.58	NO	0.768	10.000	30.791	30.85	1.200	1.202	197.63	98.8	0.293	
28	28 13C-1,2,3,4,7,8-HxCDF	1.05e6	0.50	NO	0.993	10.000	33.439	33.44	0.987	0.987	172.94	86.5	0.291	
29	29 13C-1,2,3,6,7,8-HxCDF	1.03e6	0.51	NO	0.990	10.000	33.582	33.58	0.991	0.991	169.38	84.7	0.292	
30	30 13C-2,3,4,6,7,8-HxCDF	9.98e5	0.51	NO	0.944	10.000	34.249	34.24	1.011	1.010	172.48	86.2	0.306	
31	31 13C-1,2,3,7,8,9-HxCDF	8.92e5	0.50	NO	0.842	10.000	35.266	35.25	1.041	1.040	173.11	86.6	0.343	

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-4.qld

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Printed: Friday, October 02, 2020 13:27:46 Pacific Daylight Time

Name: 201001R1_4, Date: 01-Oct-2020, Time: 11:43:27, ID: B0I0198-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	7.55e5	0.43	NO	0.687	10.000	36.855	36.83	1.087	1.087	179.37	89.7	0.415	
33	33 13C-1,2,3,4,7,8,9-HpCDF	5.97e5	0.43	NO	0.555	10.000	38.804	38.81	1.145	1.145	175.81	87.9	0.514	
34	34 13C-OCDF	1.22e6	0.87	NO	0.608	10.000	41.393	41.43	1.221	1.223	328.01	82.0	0.469	
35	35 37Cl-2,3,7,8-TCDD	6.96e5			1.18	10.000	26.435	26.43	1.030	1.030	81.501	102	0.0297	
36	36 13C-1,2,3,4-TCDD	1.45e6	0.79	NO	1.00	10.000	25.740	25.67	1.000	1.000	200.00	100	0.176	
37	37 13C-1,2,3,4-TCDF	2.11e6	0.79	NO	1.00	10.000	24.310	24.20	1.000	1.000	200.00	100	0.195	
38	38 13C-1,2,3,4,6,9-HxCDF	1.23e6	0.50	NO	1.00	10.000	33.920	33.89	1.000	1.000	200.00	100	0.289	

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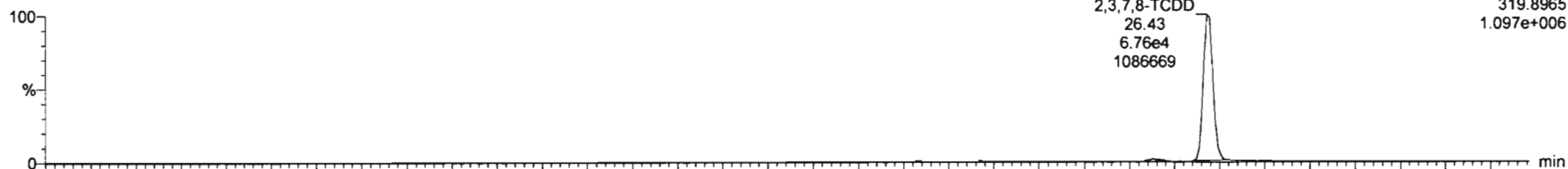
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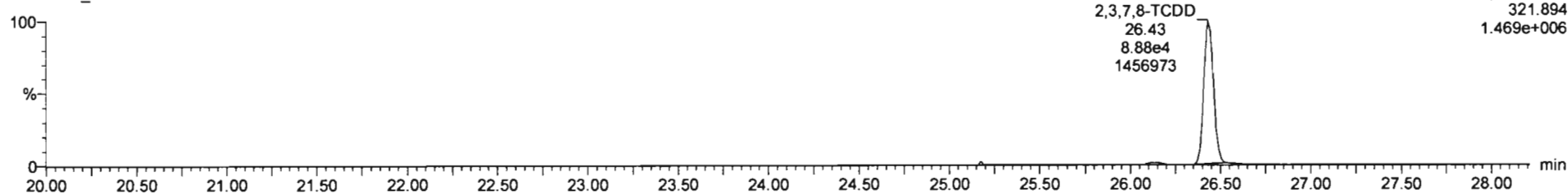
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2,3,7,8-TCDD

201001R1_4

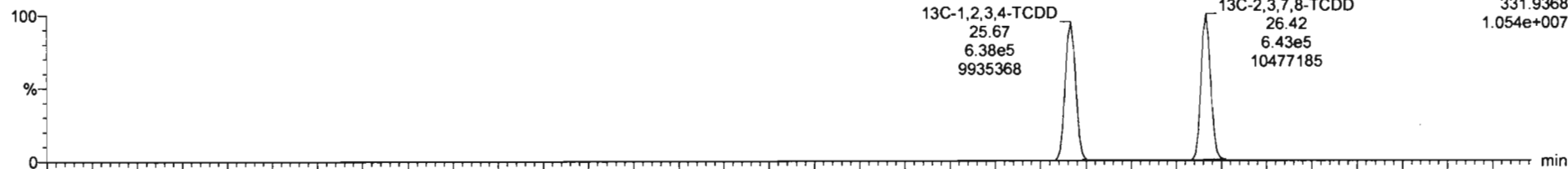


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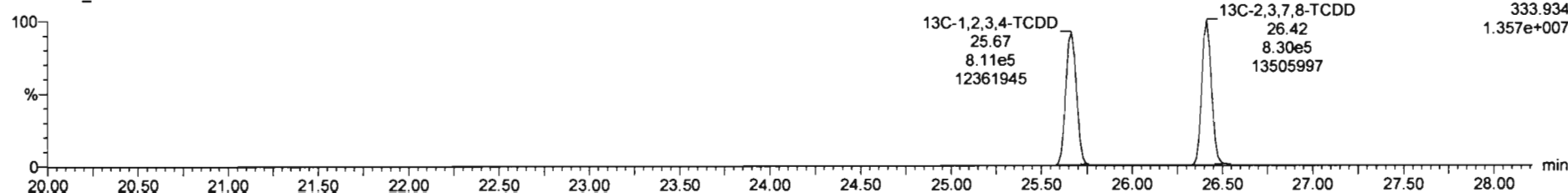


13C-2,3,7,8-TCDD

201001R1_4



201001R1_4



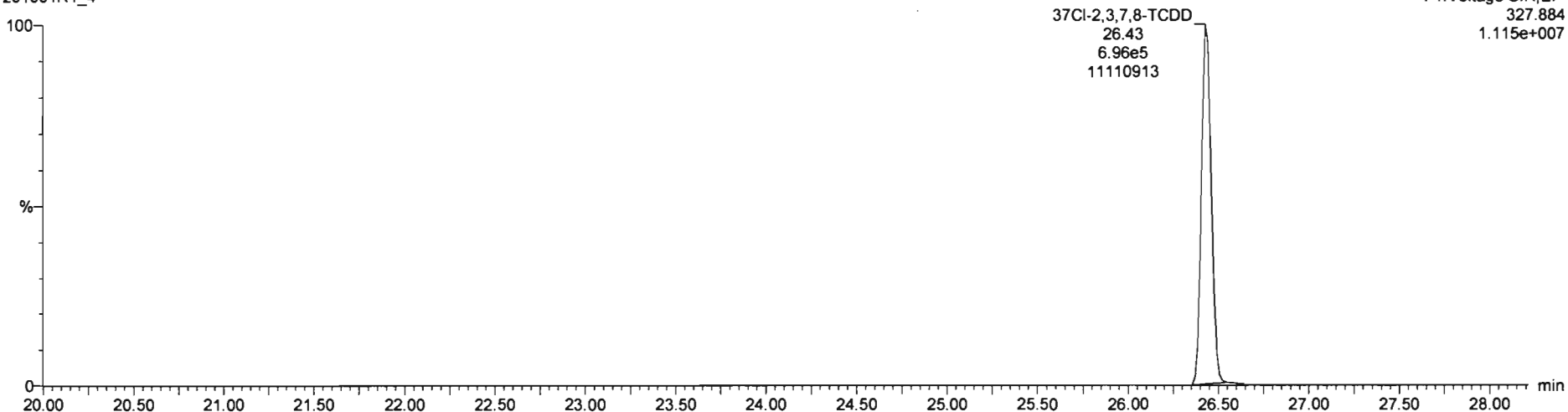
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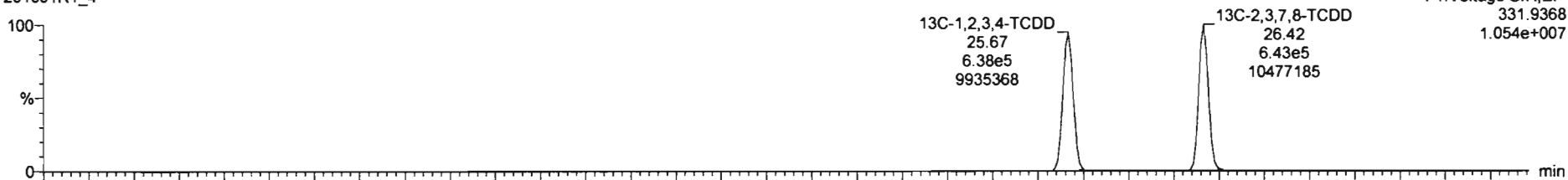
37Cl-2,3,7,8-TCDD

201001R1_4

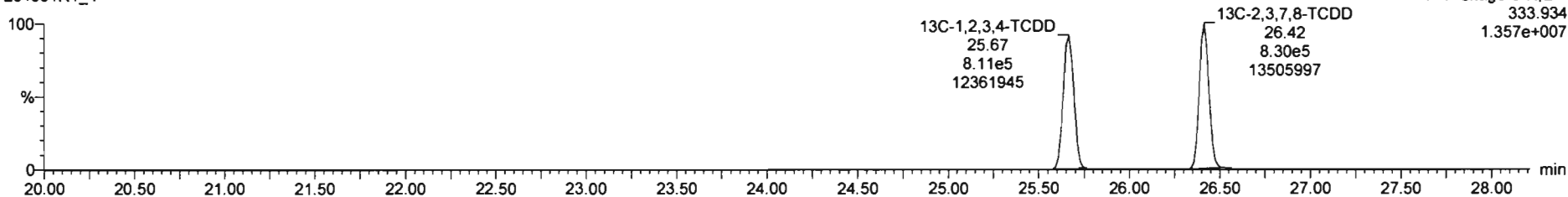


13C-1,2,3,4-TCDD

201001R1_4



201001R1_4



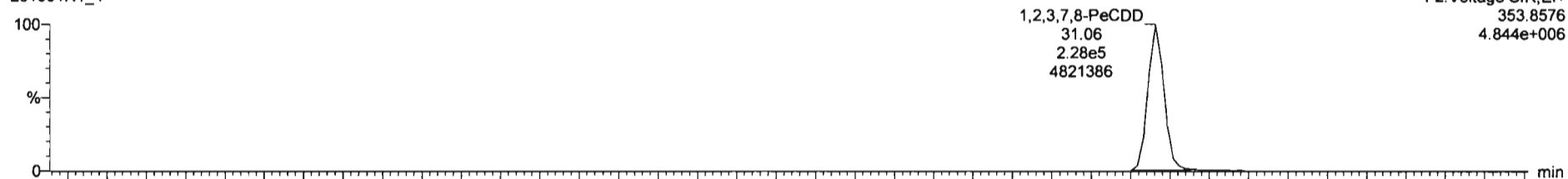
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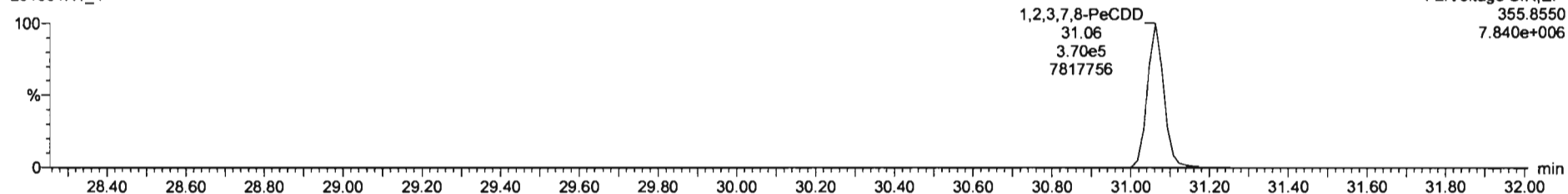
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1,2,3,7,8-PeCDD

201001R1_4

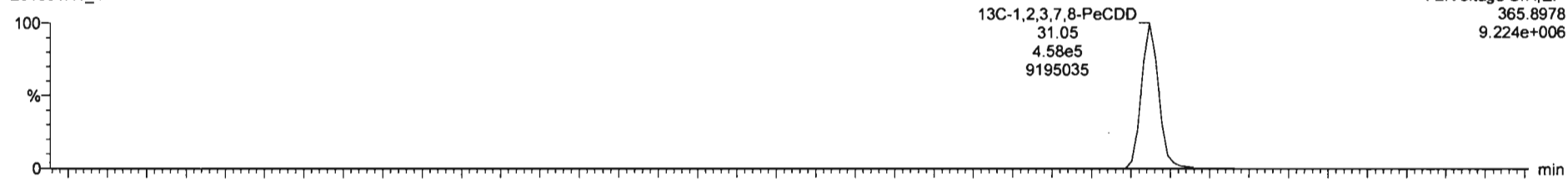


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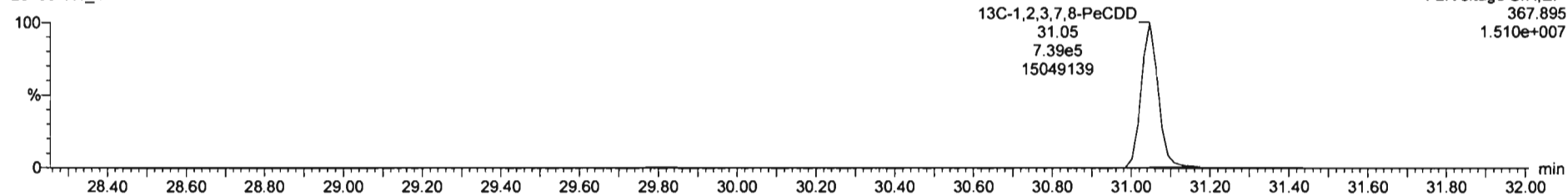


13C-1,2,3,7,8-PeCDD

201001R1_4



201001R1_4



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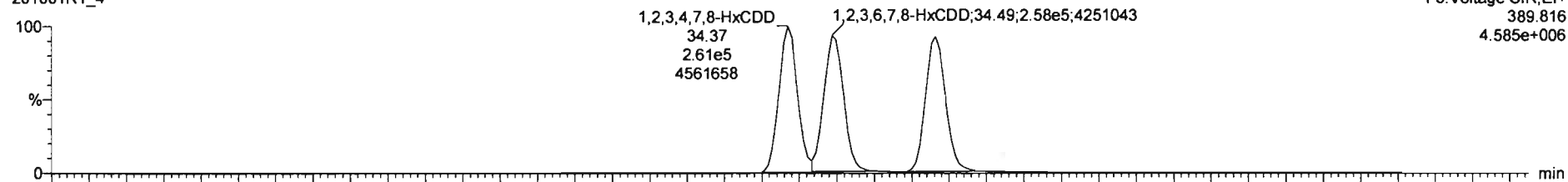
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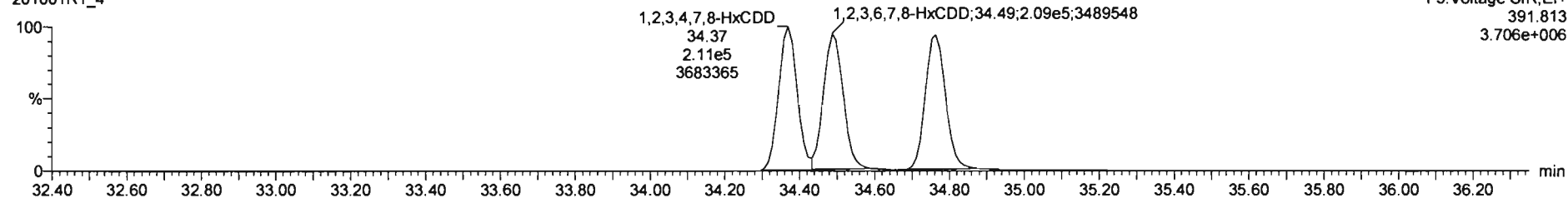
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1,2,3,4,7,8-HxCDD

201001R1_4

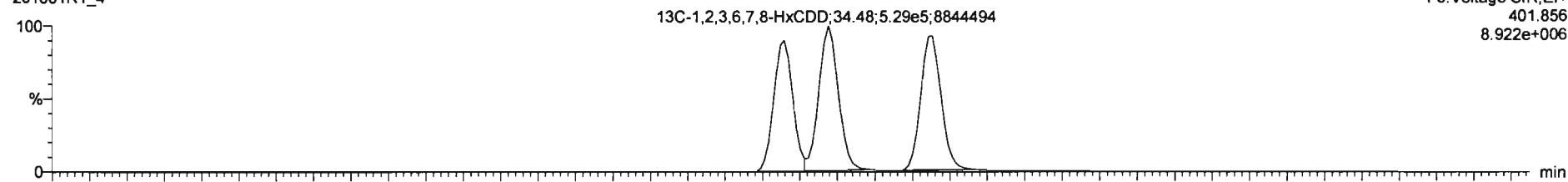


201001R1_4

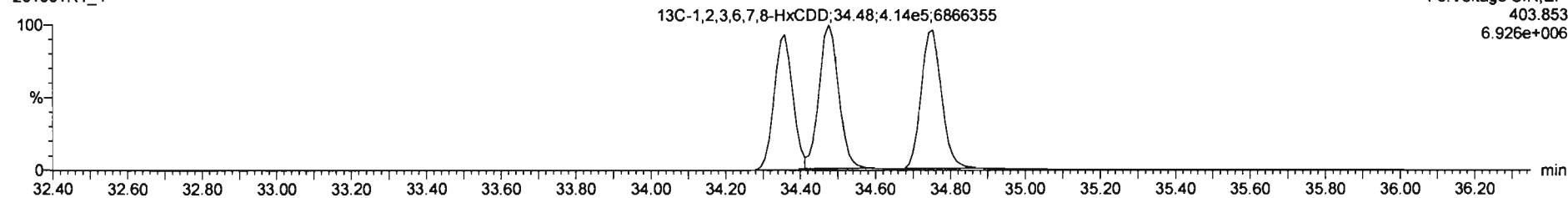


13C-1,2,3,4,7,8-HxCDD

201001R1_4



201001R1_4



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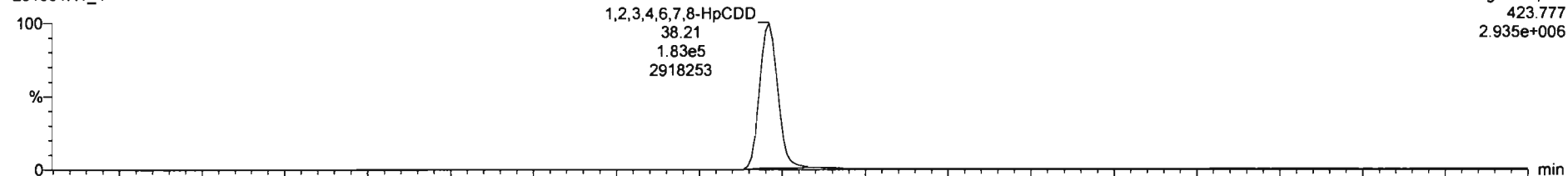
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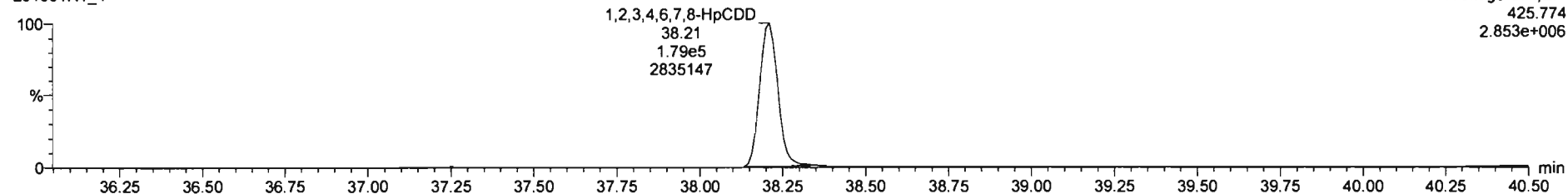
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1,2,3,4,6,7,8-HpCDD

201001R1_4

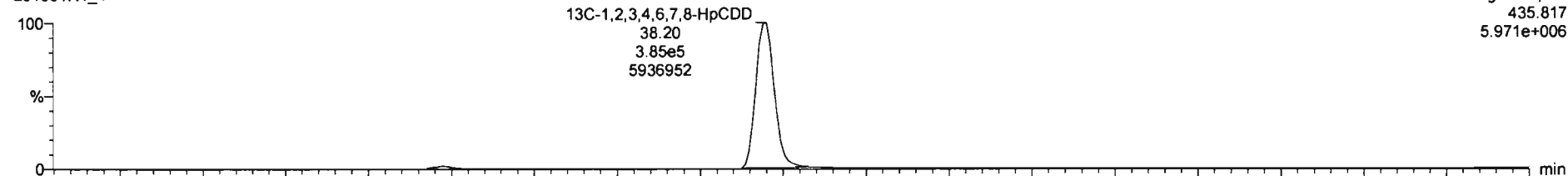


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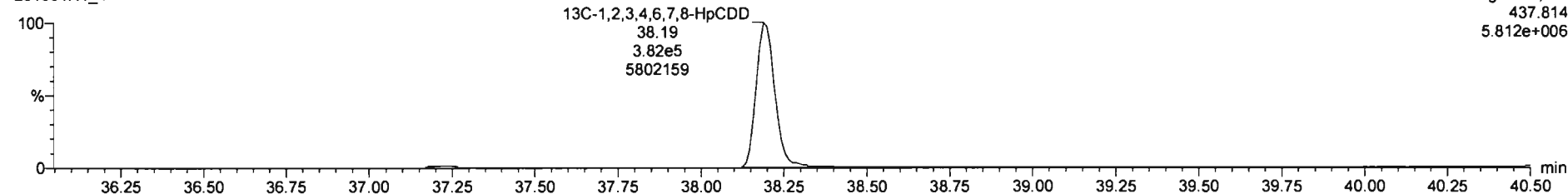


13C-1,2,3,4,6,7,8-HpCDD

201001R1_4



201001R1_4



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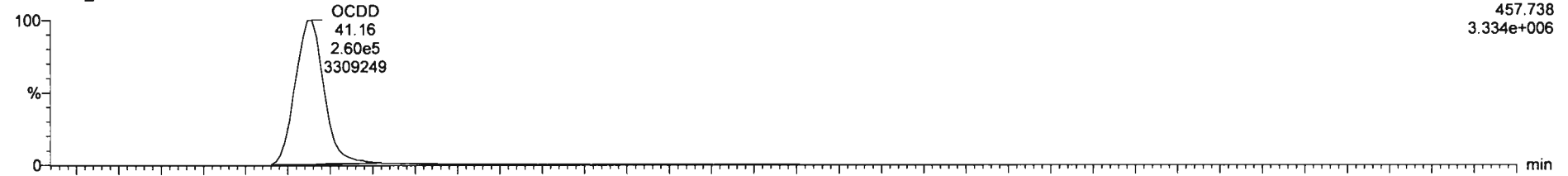
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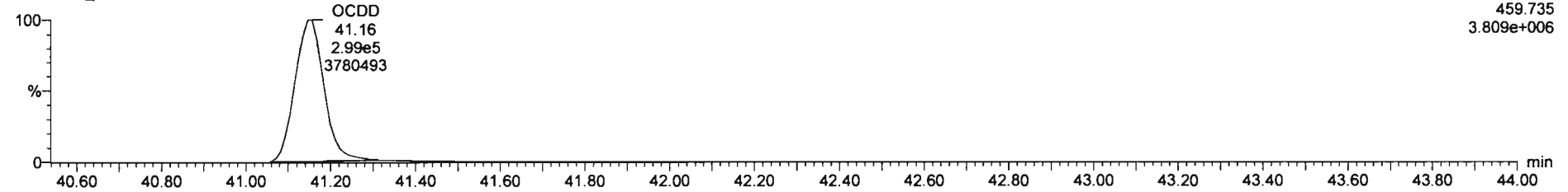
OCDD

201001R1_4



F5:Voltage SIR,El+
457.738
3.334e+006

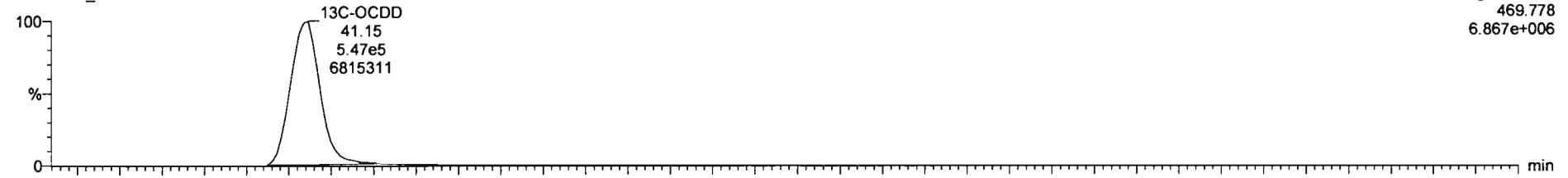
201001R1_4



F5:Voltage SIR,El+
459.735
3.809e+006

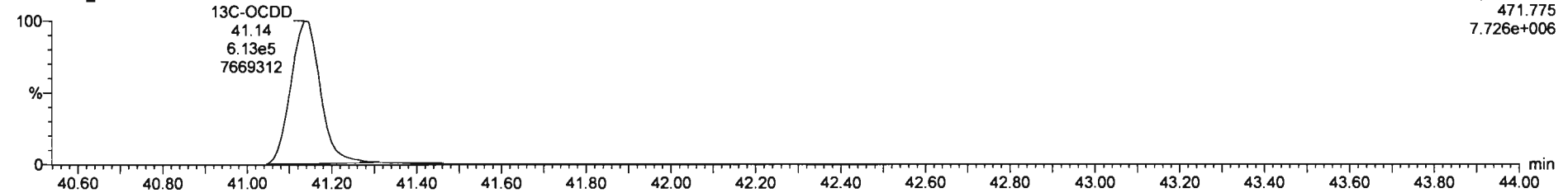
13C-OCDD

201001R1_4



F5:Voltage SIR,El+
469.778
6.867e+006

201001R1_4



F5:Voltage SIR,El+
471.775
7.726e+006

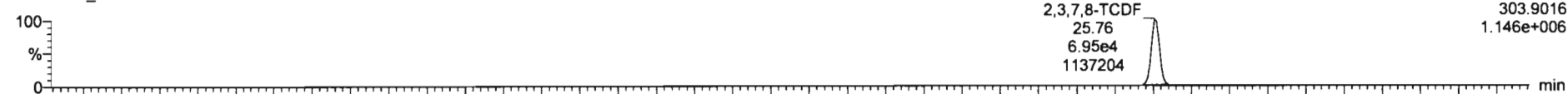
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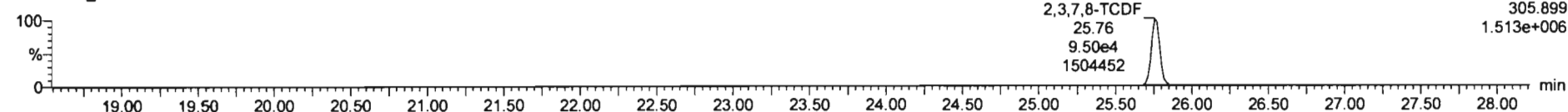
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2,3,7,8-TCDF

201001R1_4

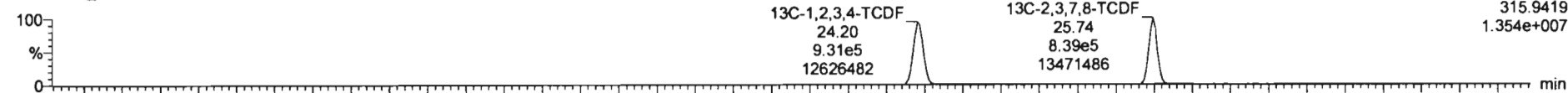


201001R1_4

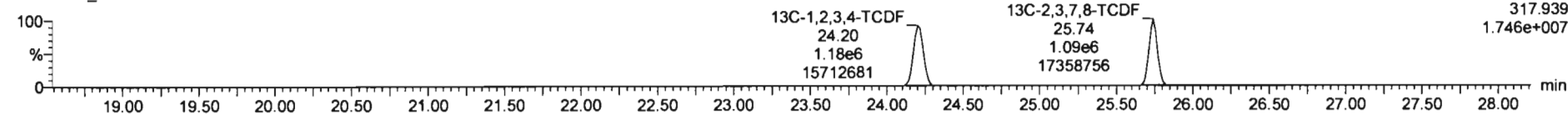


13C-2,3,7,8-TCDF

201001R1_4

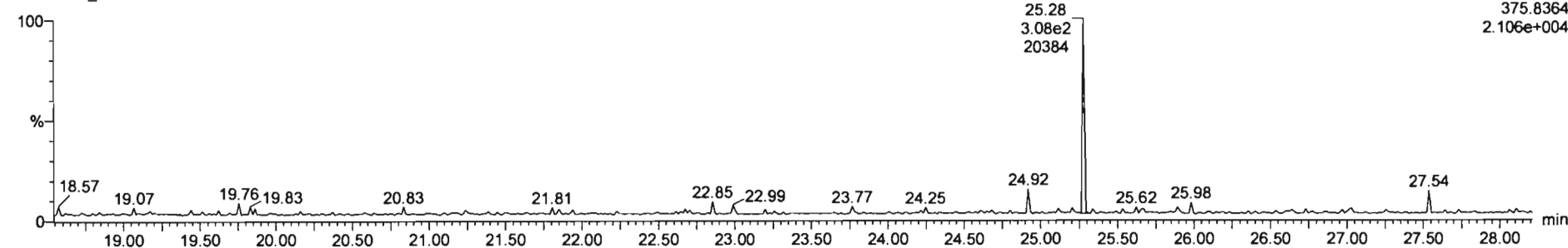


201001R1_4



DPE1

201001R1_4



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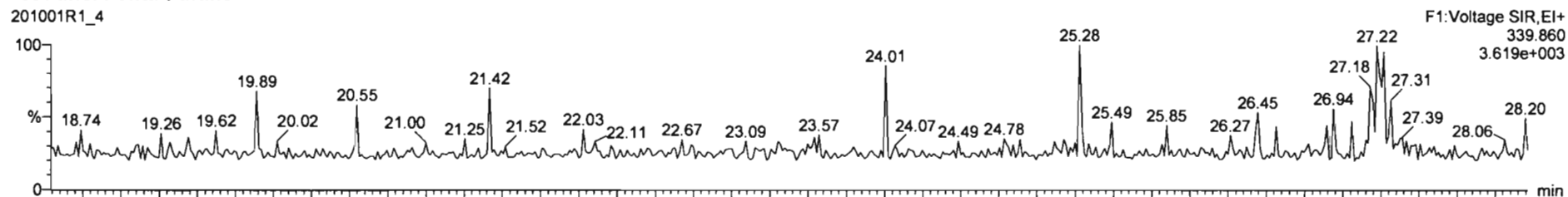
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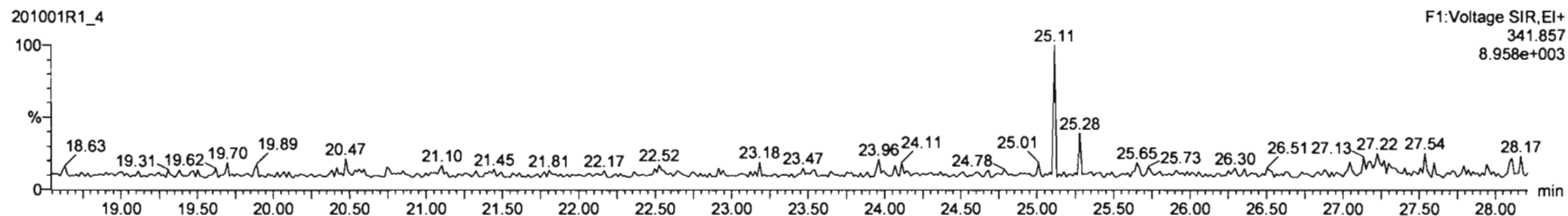
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201001R1_4

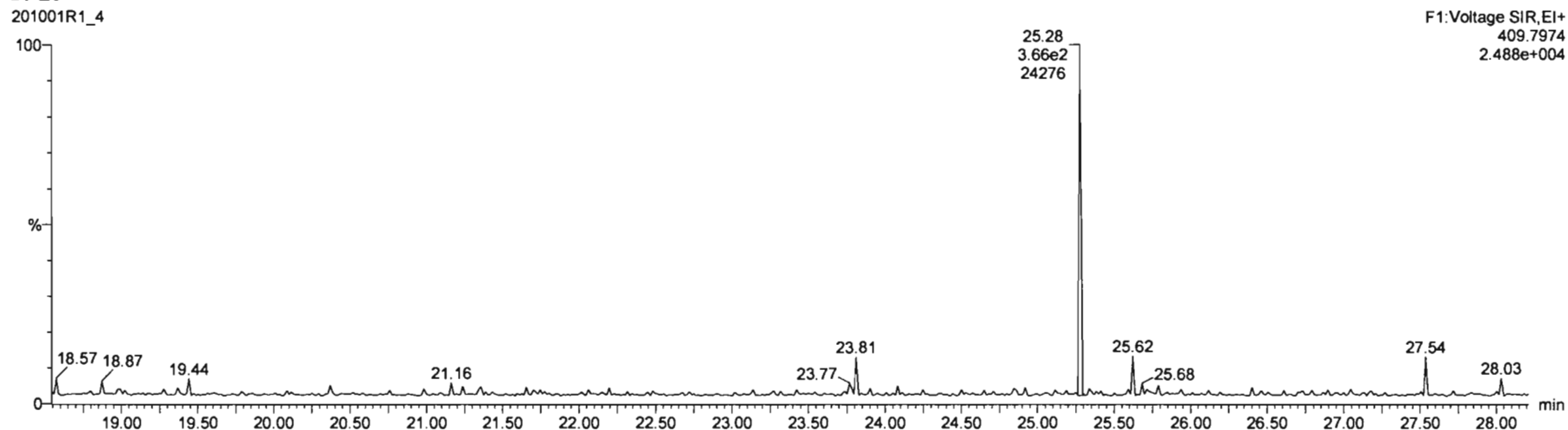


201001R1_4



DPE6

201001R1_4



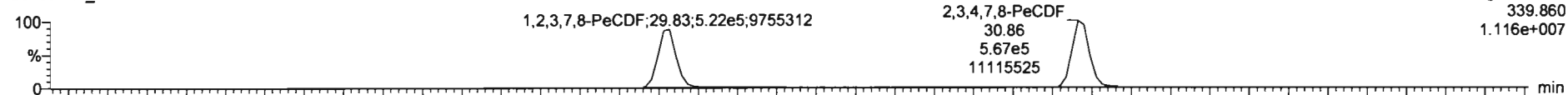
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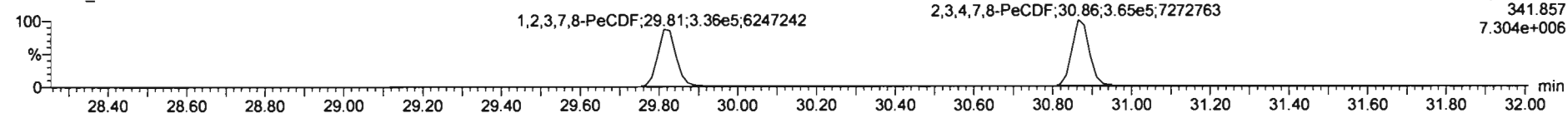
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1,2,3,7,8-PeCDF

201001R1_4

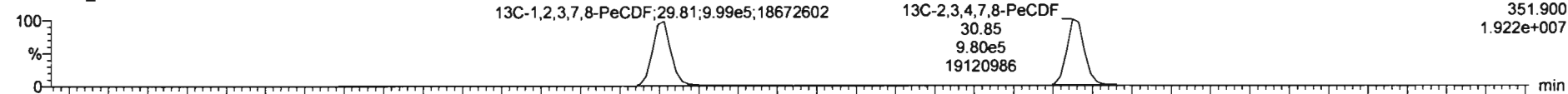


201001R1_4

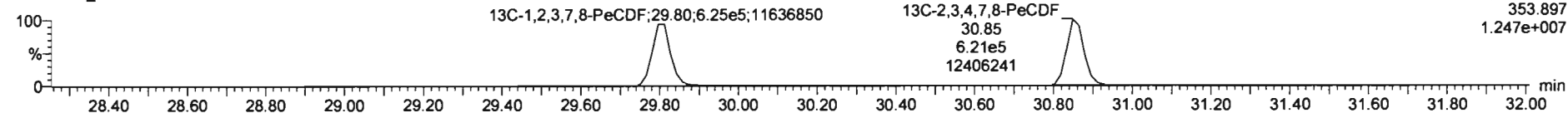


13C-1,2,3,7,8-PeCDF

201001R1_4

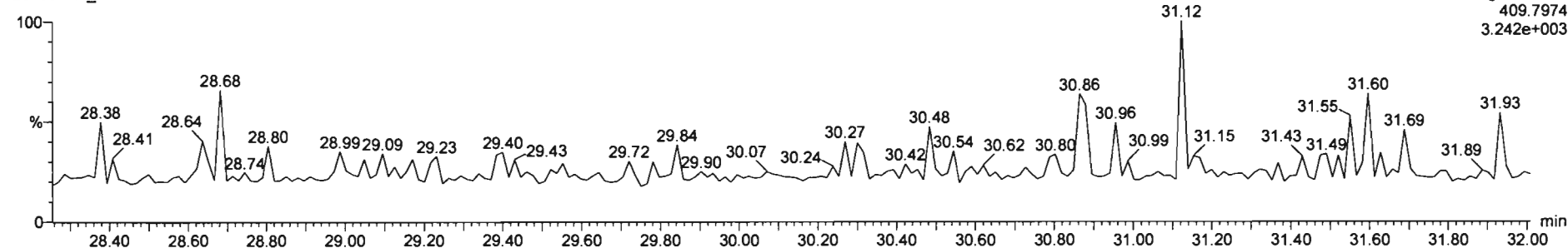


201001R1_4



DPE2

201001R1_4



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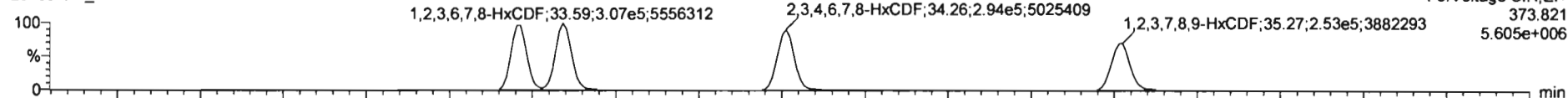
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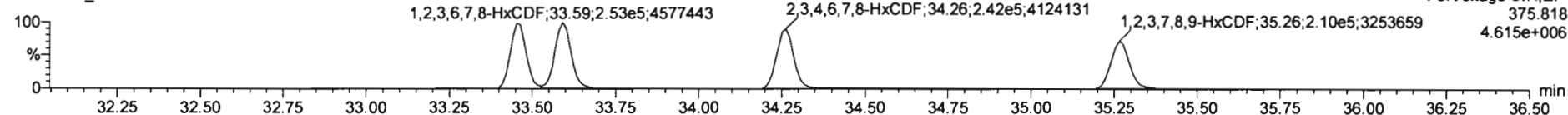
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1,2,3,4,7,8-HxCDF

201001R1_4

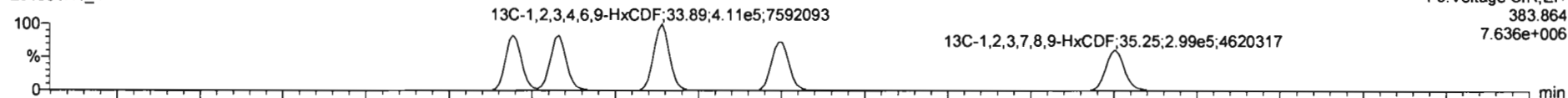


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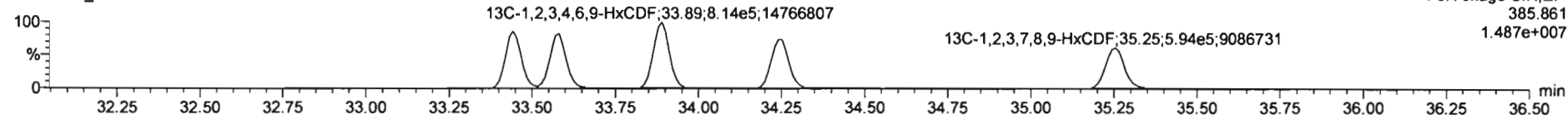


13C-1,2,3,4,7,8-HxCDF

201001R1_4

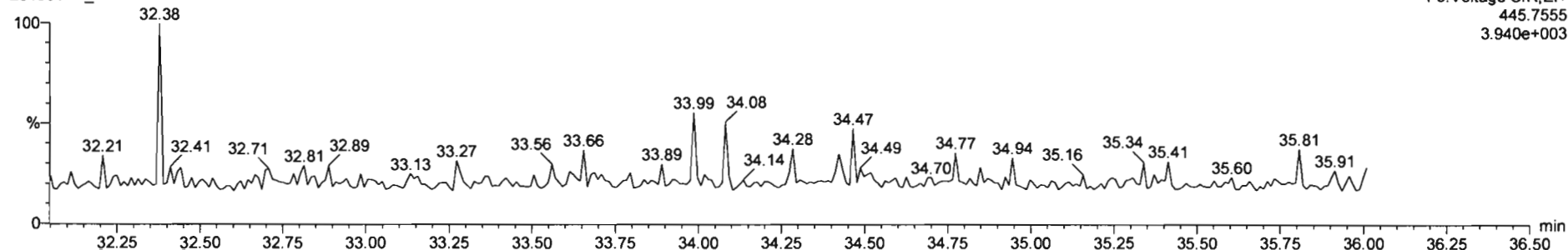


201001R1_4



DPE3

201001R1_4



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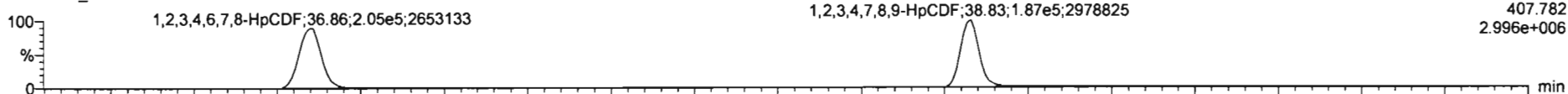
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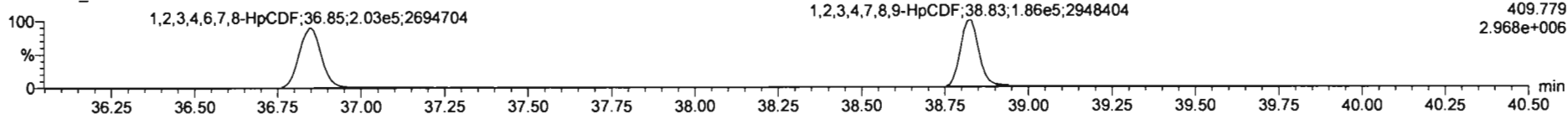
1,2,3,4,6,7,8-HpCDF

201001R1_4



F4:Voltage SIR, EI+
407.782
2.996e+006

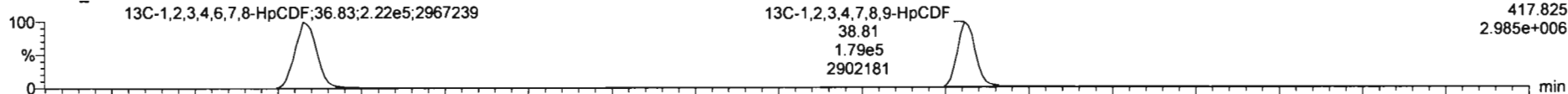
201001R1_4



F4:Voltage SIR, EI+
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2.968e+006

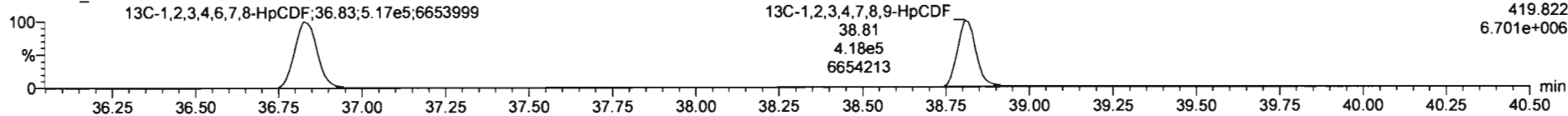
13C-1,2,3,4,6,7,8-HpCDF

201001R1_4



F4:Voltage SIR, EI+
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2.985e+006

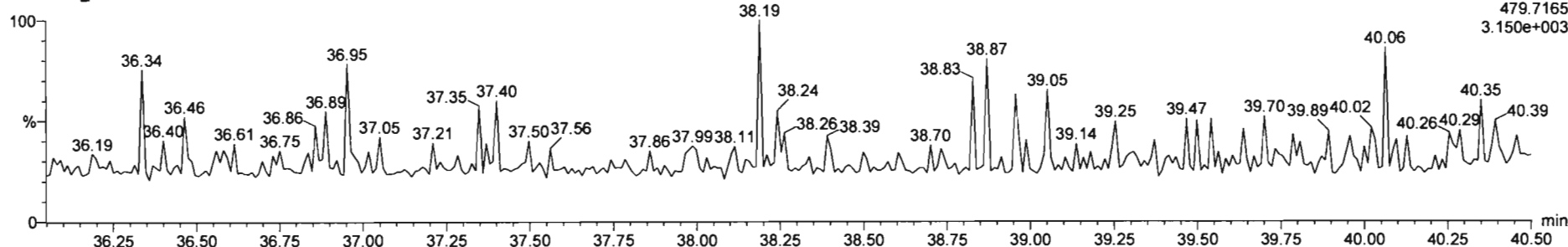
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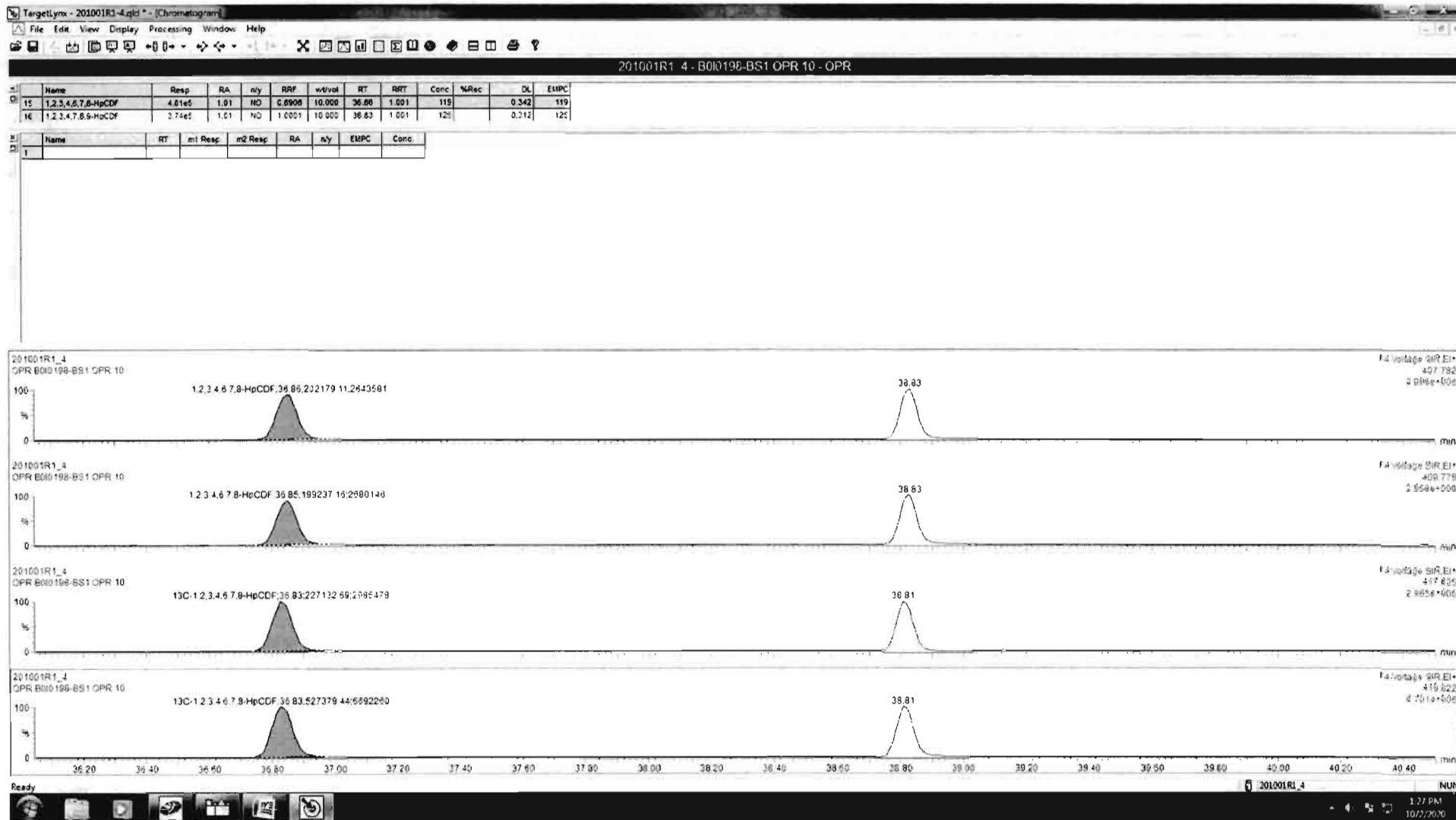
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419.822
6.701e+006

DPE4

201001R1_4



F4:Voltage SIR, EI+
479.7165
3.150e+003



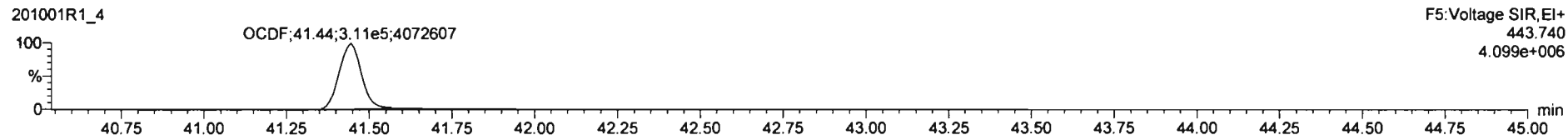
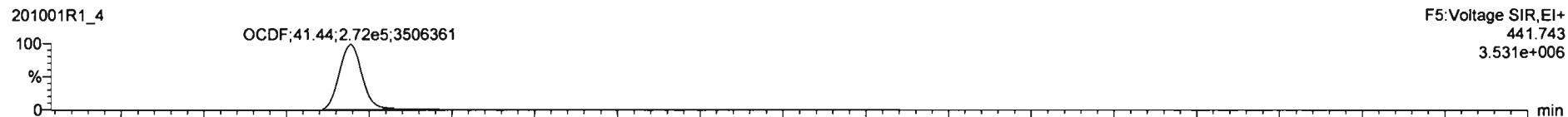
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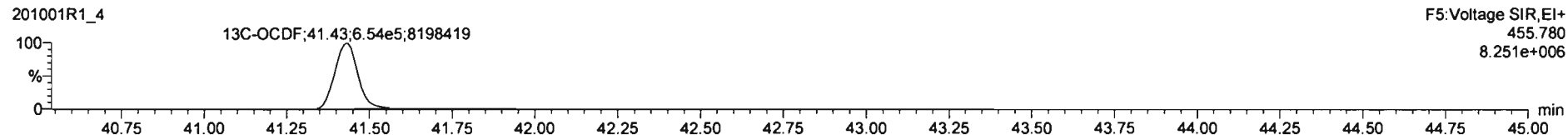
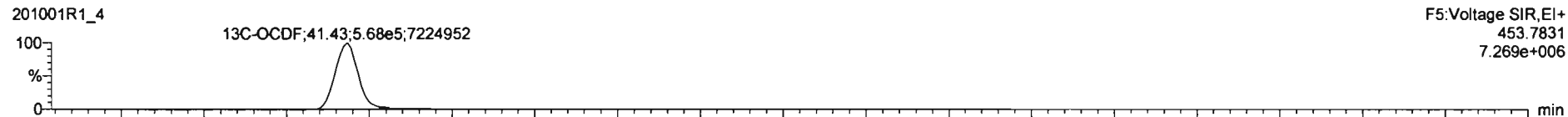
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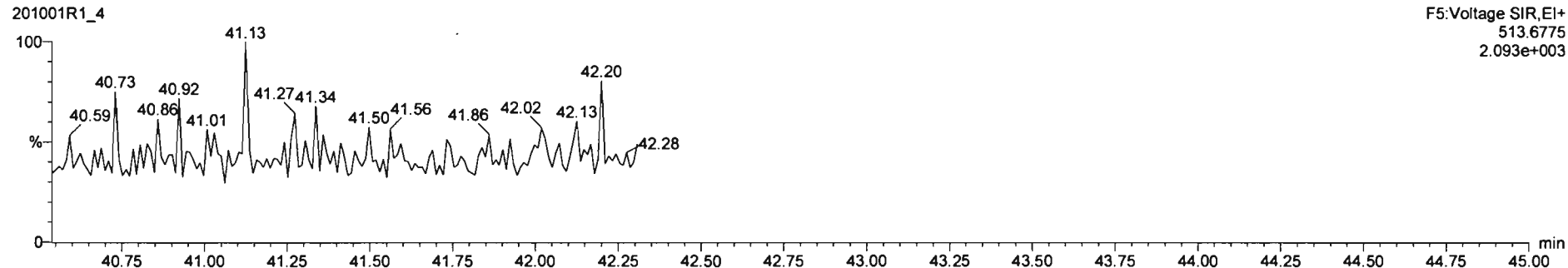
OCDF



13C-OCDF



DPE5



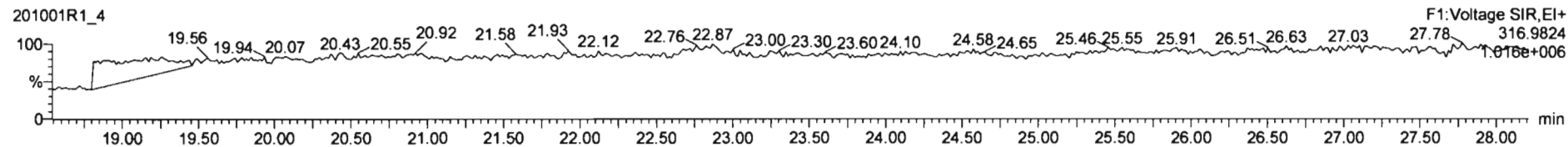
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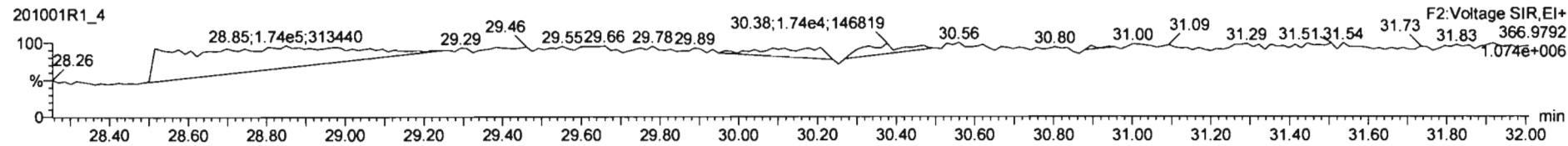
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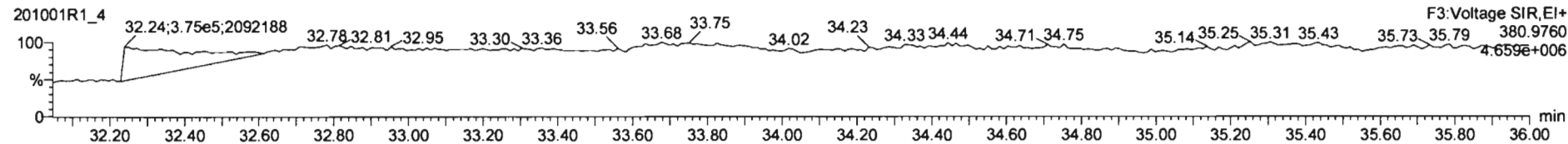
PFK1



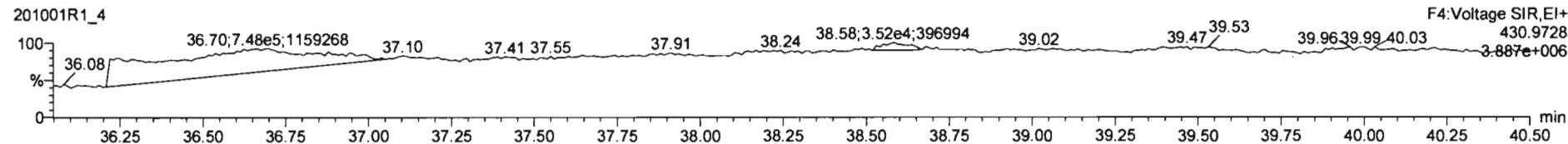
PFK2



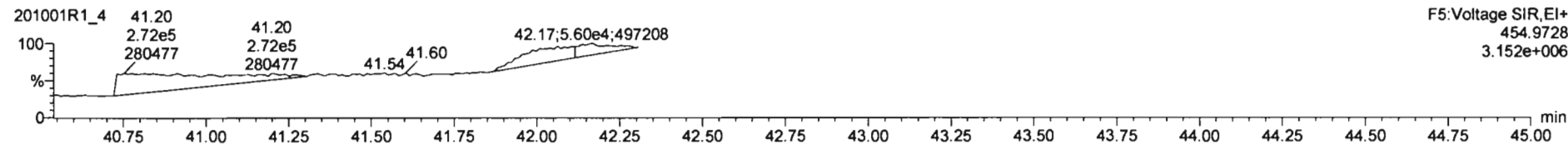
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\201001R1\201001R1-12.qld

Last Altered: Friday, October 02, 2020 08:00:55 Pacific Daylight Time
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GRB 10/02/2020

Method: Untitled 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

CT 10/02/2020

Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	2.21e3	0.29	YES	1.02	5.325	26.433	26.42	1.001	1.001	0.45186		0.0477	0.231
2	2 1,2,3,7,8-PeCDD	1.19e3	0.51	YES	0.956	5.325	31.054	31.06	1.001	1.001	0.29684		0.0884	0.261
3	3 1,2,3,4,7,8-HxCDD	1.43e3	1.34	NO	1.00	5.325	34.358	34.35	1.000	1.000	0.47293		0.132	0.473
4	4 1,2,3,6,7,8-HxCDD	6.05e3	1.27	NO	0.888	5.325	34.466	34.49	1.000	1.001	2.0094		0.138	2.01
5	5 1,2,3,7,8,9-HxCDD	3.54e3	1.24	NO	0.909	5.325	34.742	34.75	1.000	1.001	1.1810		0.144	1.18
6	6 1,2,3,4,6,7,8-HpCDD	1.22e5	0.99	NO	0.832	5.325	38.201	38.20	1.000	1.000	54.617		0.657	54.6
7	7 OCDD	8.65e5	0.87	NO	0.862	5.325	41.125	41.14	1.000	1.000	506.60		0.940	507
8	8 2,3,7,8-TCDF	7.35e3	0.81	NO	0.735	5.325	25.741	25.76	1.000	1.001	1.6334		0.0772	1.63
9	9 1,2,3,7,8-PeCDF	9.08e3	1.56	NO	0.939	5.325	29.818	29.81	1.001	1.001	1.7349		0.0597	1.73
10	10 2,3,4,7,8-PeCDF	5.09e3	1.64	NO	1.05	5.325	30.849	30.86	1.000	1.001	0.90991		0.0545	0.910
11	11 1,2,3,4,7,8-HxCDF	1.41e4	1.16	NO	0.842	5.325	33.432	33.45	1.000	1.001	4.5734		0.0908	4.57
12	12 1,2,3,6,7,8-HxCDF	3.92e3	1.15	NO	0.894	5.325	33.581	33.58	1.000	1.000	1.1994		0.0921	1.20
13	13 2,3,4,6,7,8-HxCDF	2.34e3	1.14	NO	0.870	5.325	34.252	34.25	1.001	1.001	0.77905		0.104	0.779
14	14 1,2,3,7,8,9-HxCDF	1.19e3	1.18	NO	0.855	5.325	35.264	35.28	1.001	1.001	0.44039		0.127	0.440
15	15 1,2,3,4,6,7,8-HpCDF	2.39e4	0.99	NO	0.891	5.325	36.863	36.84	1.001	1.000	10.409		0.185	10.4
16	16 1,2,3,4,7,8,9-HpCDF	2.40e3	1.03	NO	1.00	5.325	38.807	38.83	1.000	1.001	1.1468		0.169	1.15
17	17 OCDF	4.45e4	0.86	NO	0.784	5.325	41.424	41.43	1.000	1.000	27.714		0.280	27.7
18	18 13C-2,3,7,8-TCDD	1.81e6	0.78	NO	1.15	5.325	26.389	26.40	1.029	1.029	389.62	104	0.183	
19	19 13C-1,2,3,7,8-PeCDD	1.58e6	0.62	NO	0.887	5.325	30.976	31.03	1.207	1.210	440.28	117	0.288	
20	20 13C-1,2,3,4,7,8-HxCDD	1.13e6	1.27	NO	0.801	5.325	34.351	34.35	1.014	1.014	388.76	104	0.384	
21	21 13C-1,2,3,6,7,8-HxCDD	1.27e6	1.25	NO	0.892	5.325	34.480	34.47	1.018	1.017	393.38	105	0.345	
22	22 13C-1,2,3,7,8,9-HxCDD	1.24e6	1.25	NO	0.882	5.325	34.741	34.73	1.025	1.025	387.15	103	0.349	
23	23 13C-1,2,3,4,6,7,8-HpCDD	1.01e6	1.04	NO	0.719	5.325	38.173	38.19	1.127	1.127	386.24	103	1.04	
24	24 13C-OCDD	1.49e6	0.89	NO	0.563	5.325	41.100	41.13	1.213	1.214	728.00	96.9	0.837	
25	25 13C-2,3,7,8-TCDF	2.30e6	0.77	NO	1.01	5.325	25.733	25.73	1.003	1.003	398.34	106	0.211	
26	26 13C-1,2,3,7,8-PeCDF	2.09e6	1.60	NO	0.814	5.325	29.737	29.80	1.159	1.162	449.59	120	0.636	
27	27 13C-2,3,4,7,8-PeCDF	2.00e6	1.56	NO	0.768	5.325	30.773	30.85	1.200	1.203	455.81	121	0.674	
28	28 13C-1,2,3,4,7,8-HxCDF	1.38e6	0.51	NO	0.993	5.325	33.429	33.43	0.987	0.987	382.32	102	0.705	
29	29 13C-1,2,3,6,7,8-HxCDF	1.37e6	0.51	NO	0.990	5.325	33.572	33.57	0.991	0.991	382.49	102	0.706	
30	30 13C-2,3,4,6,7,8-HxCDF	1.30e6	0.51	NO	0.944	5.325	34.239	34.23	1.011	1.010	379.22	101	0.741	
31	31 13C-1,2,3,7,8,9-HxCDF	1.19e6	0.51	NO	0.842	5.325	35.256	35.24	1.041	1.040	389.72	104	0.831	

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-12.qld

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Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	9.67e5	0.43	NO	0.687	5.325	36.845	36.83	1.087	1.087	388.44	103	0.916	
33	33 13C-1,2,3,4,7,8,9-HpCDF	7.85e5	0.43	NO	0.555	5.325	38.793	38.81	1.145	1.145	390.34	104	1.13	
34	34 13C-OCDF	1.54e6	0.88	NO	0.608	5.325	41.381	41.42	1.221	1.223	697.94	92.9	0.672	
35	35 37Cl-2,3,7,8-TCDD	8.26e5			1.18	5.325	26.420	26.43	1.030	1.030	173.72	116	0.0337	
36	36 13C-1,2,3,4-TCDD	1.52e6	0.79	NO	1.00	5.325	25.740	25.65	1.000	1.000	375.55	100	0.211	
37	37 13C-1,2,3,4-TCDF	2.15e6	0.78	NO	1.00	5.325	24.310	24.20	1.000	1.000	375.55	100	0.213	
38	38 13C-1,2,3,4,6,9-HxCDF	1.36e6	0.51	NO	1.00	5.325	33.920	33.88	1.000	1.000	375.55	100	0.700	
39	39 Total Tetra-Dioxins				1.02	5.325	24.620		0.000		1.5209		0.0477	1.95
40	40 Total Penta-Dioxins				0.956	5.325	29.960		0.000		1.6652		0.0804	2.50
41	41 Total Hexa-Dioxins				0.888	5.325	33.635		0.000		18.055		0.145	18.1
42	42 Total Hepta-Dioxins				0.832	5.325	37.640		0.000		120.06		0.657	120
43	43 Total Tetra-Furans				0.735	5.325	23.610		0.000		5.8026		0.0772	6.56
44	44 1st Func. Penta-Furans				0.939	5.325	27.230		0.000		2.5965		0.0170	2.60
45	45 Total Penta-Furans				0.939	5.325	29.275		0.000		6.5590		0.0603	6.56
46	46 Total Hexa-Furans				0.870	5.325	33.555		0.000		19.399		0.102	19.4
47	47 Total Hepta-Furans				0.891	5.325	37.835		0.000		30.192		0.187	30.2

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-12.qld

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Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	22.73	8.600e3	1.189e4	6.387e2	9.051e2	0.71	NO	1.544e3	0.31503	0.31503	0.0477
2	Total Tetra-Dioxins	23.03	4.378e3	8.228e3	3.923e2	4.854e2	0.81	NO	8.778e2	0.17912	0.17912	0.0477
3	Total Tetra-Dioxins	23.57	3.627e3	3.753e3	1.671e2	2.449e2	0.68	NO	4.120e2	0.084067	0.084067	0.0477
4	Total Tetra-Dioxins	24.38	6.647e3	4.917e3	3.182e2	3.187e2	1.00	YES	0.000e0	0.00000	0.11510	0.0477
5	Total Tetra-Dioxins	24.62	3.305e3	3.119e3	2.286e2	2.326e2	0.98	YES	0.000e0	0.00000	0.084017	0.0477
6	Total Tetra-Dioxins	24.81	3.608e3	3.847e3	1.540e2	2.310e2	0.67	NO	3.851e2	0.078583	0.078583	0.0477
7	Total Tetra-Dioxins	26.15	2.605e4	3.272e4	1.756e3	2.215e3	0.79	NO	3.971e3	0.81036	0.81036	0.0477
8	2,3,7,8-TCDD	26.42	6.829e3	2.546e4	4.921e2	1.722e3	0.29	YES	2.214e3	0.00000	0.23084	0.0477
9	Total Tetra-Dioxins	26.72	2.102e3	2.554e3	1.071e2	1.563e2	0.69	NO	2.634e2	0.053742	0.053742	0.0477

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.81	1.475e4	2.435e4	1.133e3	1.924e3	0.59	NO	3.057e3	0.76219	0.76219	0.0804
2	Total Penta-Dioxins	29.28	1.027e4	1.075e4	4.060e2	5.649e2	0.72	NO	9.709e2	0.24208	0.24208	0.0804
3	Total Penta-Dioxins	29.80	1.891e4	1.515e4	6.724e2	8.058e2	0.83	YES	0.000e0	0.00000	0.32748	0.0804
4	Total Penta-Dioxins	30.00	7.663e3	1.375e4	3.859e2	1.203e3	0.32	YES	0.000e0	0.00000	0.24893	0.0804
5	Total Penta-Dioxins	30.27	1.098e4	1.332e4	6.137e2	8.701e2	0.71	NO	1.484e3	0.36995	0.36995	0.0804
6	Total Penta-Dioxins	30.57	2.439e3	3.441e3	1.360e2	2.106e2	0.65	NO	3.466e2	0.086422	0.086422	0.0804
7	1,2,3,7,8-PeCDD	31.06	8.926e3	1.283e4	4.041e2	7.864e2	0.51	YES	1.191e3	0.00000	0.26069	0.0804
8	Total Penta-Dioxins	31.09	2.846e3	5.976e3	1.600e2	2.675e2	0.60	NO	4.275e2	0.10659	0.10659	0.0804
9	Total Penta-Dioxins	31.41	5.308e3	5.595e3	1.463e2	2.467e2	0.59	NO	3.931e2	0.098003	0.098003	0.0804

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Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.71	1.609e5	1.350e5	8.979e3	7.701e3	1.17	NO	1.668e4	5.8123	5.8123	0.145
2	Total Hexa-Dioxins	33.31	2.531e4	1.956e4	1.481e3	1.115e3	1.33	NO	2.596e3	0.90461	0.90461	0.145
3	Total Hexa-Dioxins	33.60	1.497e5	1.250e5	1.089e4	8.636e3	1.26	NO	1.952e4	6.8034	6.8034	0.145
4	Total Hexa-Dioxins	33.71	1.263e4	1.133e4	8.352e2	6.622e2	1.26	NO	1.497e3	0.52179	0.52179	0.145
5	1,2,3,4,7,8-HxCDD	34.35	1.219e4	1.031e4	8.170e2	6.083e2	1.34	NO	1.425e3	0.47293	0.47293	0.132
6	1,2,3,6,7,8-HxCDD	34.49	4.778e4	4.356e4	3.382e3	2.664e3	1.27	NO	6.046e3	2.0094	2.0094	0.138
7	Total Hexa-Dioxins	34.64	8.148e3	7.541e3	5.821e2	4.204e2	1.38	NO	1.002e3	0.34932	0.34932	0.145
8	1,2,3,7,8,9-HxCDD	34.75	2.652e4	2.420e4	1.959e3	1.584e3	1.24	NO	3.543e3	1.1810	1.1810	0.144

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.23	8.031e5	8.102e5	7.338e4	7.257e4	1.01	NO	1.459e5	65.438	65.438	0.657
2	1,2,3,4,6,7,8-HpCDD	38.20	8.450e5	8.433e5	6.052e4	6.129e4	0.99	NO	1.218e5	54.617	54.617	0.657

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-12.qld

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Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	20.52	3.085e3	5.993e3	2.707e2	3.834e2	0.71	NO	6.541e2	0.14528	0.14528	0.0772
2	Total Tetra-Furans	21.07	2.650e3	3.891e3	2.347e2	3.322e2	0.71	NO	5.669e2	0.12591	0.12591	0.0772
3	Total Tetra-Furans	21.88	1.633e4	2.174e4	1.493e3	2.087e3	0.72	NO	3.580e3	0.79525	0.79525	0.0772
4	Total Tetra-Furans	22.78	1.634e4	1.663e4	1.362e3	1.730e3	0.79	NO	3.092e3	0.68671	0.68671	0.0772
5	Total Tetra-Furans	23.21	8.028e3	1.088e4	6.476e2	8.825e2	0.73	NO	1.530e3	0.33984	0.33984	0.0772
6	Total Tetra-Furans	23.35	3.243e3	5.002e3	2.038e2	2.670e2	0.76	NO	0.000e0	0.00000	0.10458	0.0772
7	Total Tetra-Furans	23.56	7.401e3	7.368e3	5.122e2	5.857e2	0.87	NO	1.098e3	0.24384	0.24384	0.0772
8	Total Tetra-Furans	24.28	7.976e3	1.052e4	4.591e2	6.464e2	0.71	NO	0.000e0	0.00000	0.24555	0.0772
9	Total Tetra-Furans	24.34	1.294e4	1.231e4	7.869e2	9.029e2	0.87	NO	0.000e0	0.00000	0.37533	0.0772
10	Total Tetra-Furans	24.77	2.858e4	4.055e4	2.130e3	2.761e3	0.77	NO	4.891e3	1.0864	1.0864	0.0772
11	Total Tetra-Furans	25.62	9.287e3	9.994e3	5.543e2	6.338e2	0.87	NO	1.188e3	0.26387	0.26387	0.0772
12	2,3,7,8-TCDF	25.76	4.731e4	6.080e4	3.292e3	4.062e3	0.81	NO	7.354e3	1.6334	1.6334	0.0772
13	Total Tetra-Furans	26.04	7.934e3	1.010e4	6.020e2	7.344e2	0.82	NO	1.336e3	0.29683	0.29683	0.0772
14	Total Tetra-Furans	27.22	3.065e3	4.399e3	1.858e2	2.531e2	0.73	NO	4.389e2	0.097486	0.097486	0.0772
15	Total Tetra-Furans	27.42	3.454e3	1.759e3	1.747e2	8.819e1	1.98	YES	0.000e0	0.00000	0.034671	0.0772
16	Total Tetra-Furans	27.60	3.888e3	3.913e3	1.749e2	2.207e2	0.79	NO	3.956e2	0.087873	0.087873	0.0772

Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1st Func. Penta-Furans	27.22	1.329e5	9.296e4	7.952e3	5.334e3	1.49	NO	1.329e4	2.5965	2.5965	0.0170

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Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.68	1.261e4	8.018e3	1.015e3	6.381e2	1.59	NO	1.653e3	0.32308	0.32308	0.0603
2	Total Penta-Furans	28.82	8.292e4	6.376e4	5.825e3	3.831e3	1.52	NO	9.655e3	1.8870	1.8870	0.0603
3	Total Penta-Furans	29.45	2.600e4	1.391e4	1.380e3	9.290e2	1.48	NO	2.309e3	0.45117	0.45117	0.0603
4	Total Penta-Furans	29.61	1.242e4	7.708e3	6.162e2	4.312e2	1.43	NO	1.047e3	0.20471	0.20471	0.0603
5	1,2,3,7,8-PeCDF	29.81	1.040e5	6.859e4	5.537e3	3.539e3	1.56	NO	9.076e3	1.7349	1.7349	0.0597
6	Total Penta-Furans	30.06	4.246e4	2.391e4	2.013e3	1.328e3	1.52	NO	3.341e3	0.65298	0.65298	0.0603
7	Total Penta-Furans	30.68	8.830e3	3.984e3	3.454e2	1.951e2	1.77	NO	5.405e2	0.10563	0.10563	0.0603
8	2,3,4,7,8-PeCDF	30.86	7.714e4	4.230e4	3.165e3	1.924e3	1.64	NO	5.090e3	0.90991	0.90991	0.0545
9	Total Penta-Furans	30.88	4.928e4	3.183e4	8.930e2	5.892e2	1.52	NO	1.482e3	0.28967	0.28967	0.0603

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.18	5.368e4	4.021e4	2.551e3	2.062e3	1.24	NO	4.612e3	1.5207	1.5207	0.102
2	Total Hexa-Furans	32.35	1.707e5	1.382e5	8.360e3	6.437e3	1.30	NO	1.480e4	4.8785	4.8785	0.102
3	Total Hexa-Furans	32.97	1.731e5	1.419e5	9.191e3	7.662e3	1.20	NO	1.685e4	5.5561	5.5561	0.102
4	Total Hexa-Furans	33.33	6.839e3	4.818e3	3.220e2	2.544e2	1.27	NO	5.763e2	0.19000	0.19000	0.102
5	1,2,3,4,7,8-HxCDF	33.45	1.393e5	1.113e5	7.568e3	6.542e3	1.16	NO	1.411e4	4.5734	4.5734	0.0908
6	1,2,3,6,7,8-HxCDF	33.58	3.203e4	2.788e4	2.098e3	1.822e3	1.15	NO	3.920e3	1.1994	1.1994	0.0921
7	2,3,4,6,7,8-HxCDF	34.25	1.711e4	1.518e4	1.251e3	1.093e3	1.14	NO	2.343e3	0.77905	0.77905	0.104
8	1,2,3,7,8,9-HxCDF	35.28	1.513e4	1.063e4	6.462e2	5.467e2	1.18	NO	1.193e3	0.44039	0.44039	0.127
9	Total Hexa-Furans	35.29	1.208e4	1.081e4	4.071e2	3.861e2	1.05	NO	7.932e2	0.26149	0.26149	0.102

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,4,6,7,8-HpCDF	36.84	1.337e5	1.297e5	1.191e4	1.198e4	0.99	NO	2.389e4	10.409	10.409	0.185
2	Total Hepta-Furans	37.55	2.397e5	2.383e5	1.959e4	1.914e4	1.02	NO	3.873e4	18.636	18.636	0.187
3	1,2,3,4,7,8,9-HpCDF	38.83	1.506e4	1.784e4	1.216e3	1.181e3	1.03	NO	2.397e3	1.1468	1.1468	0.169

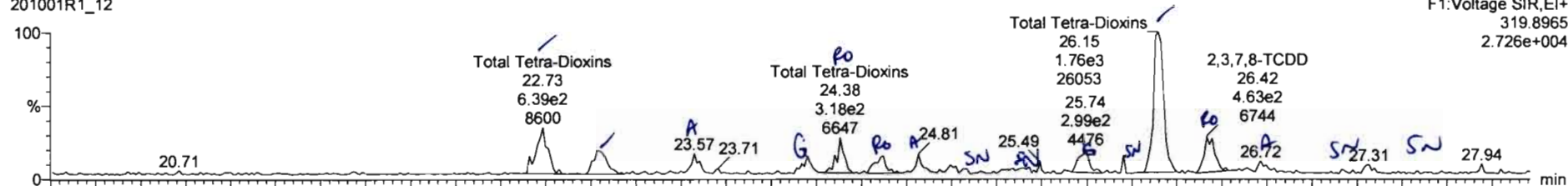
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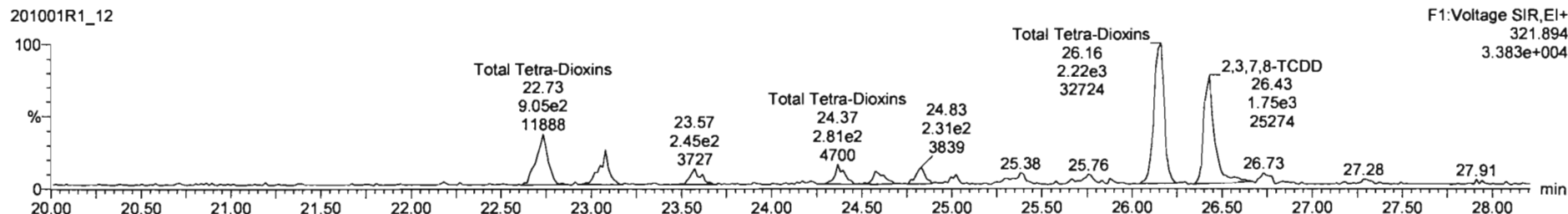
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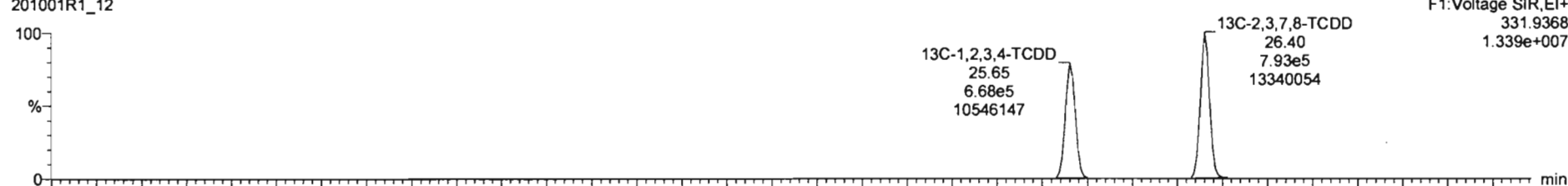


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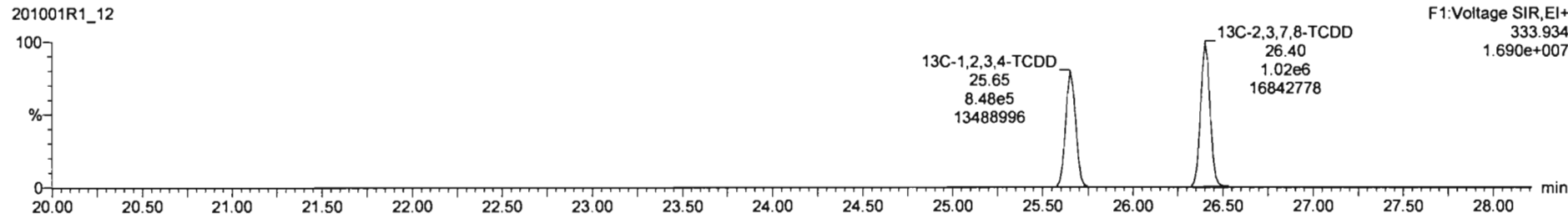


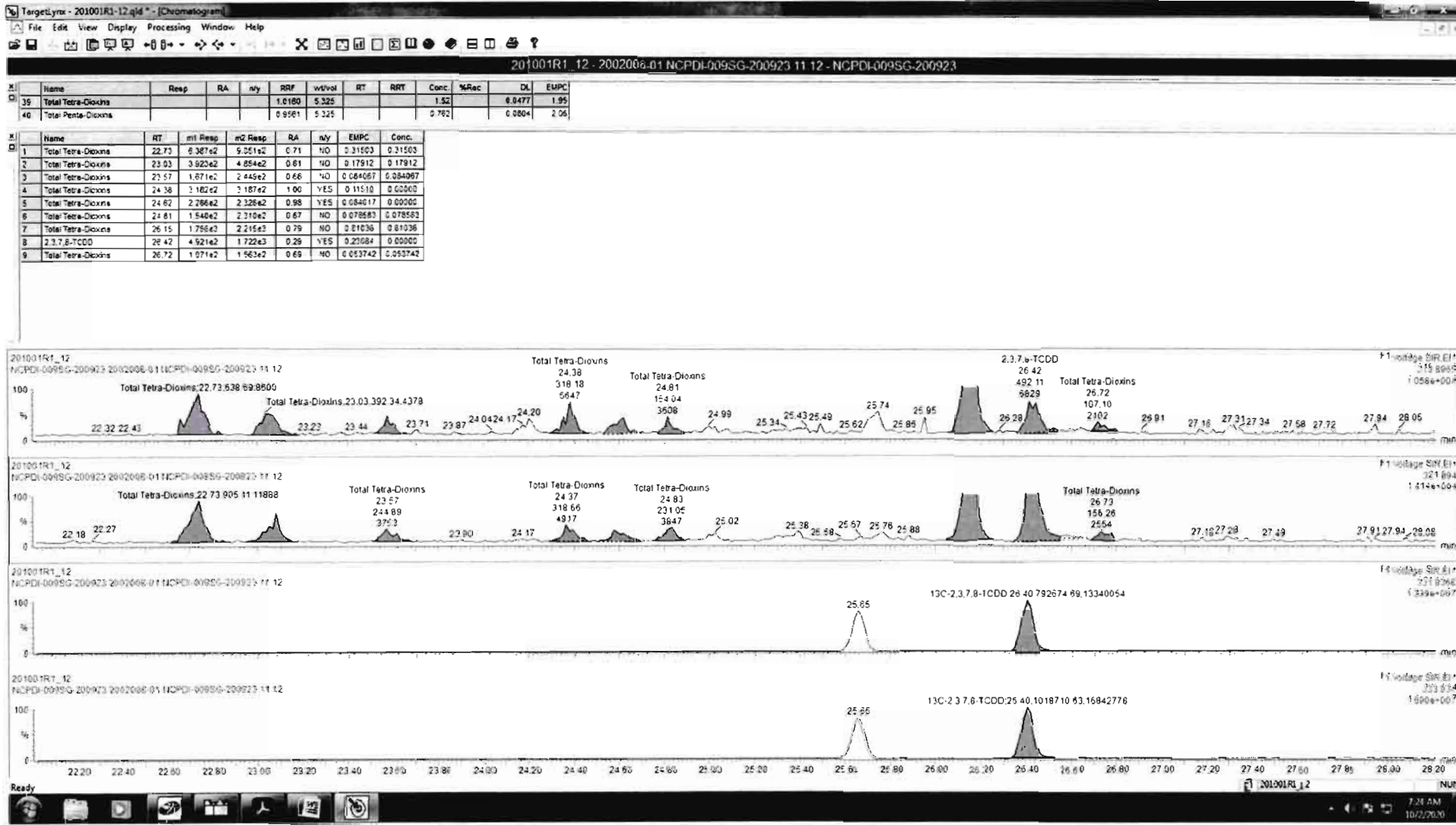
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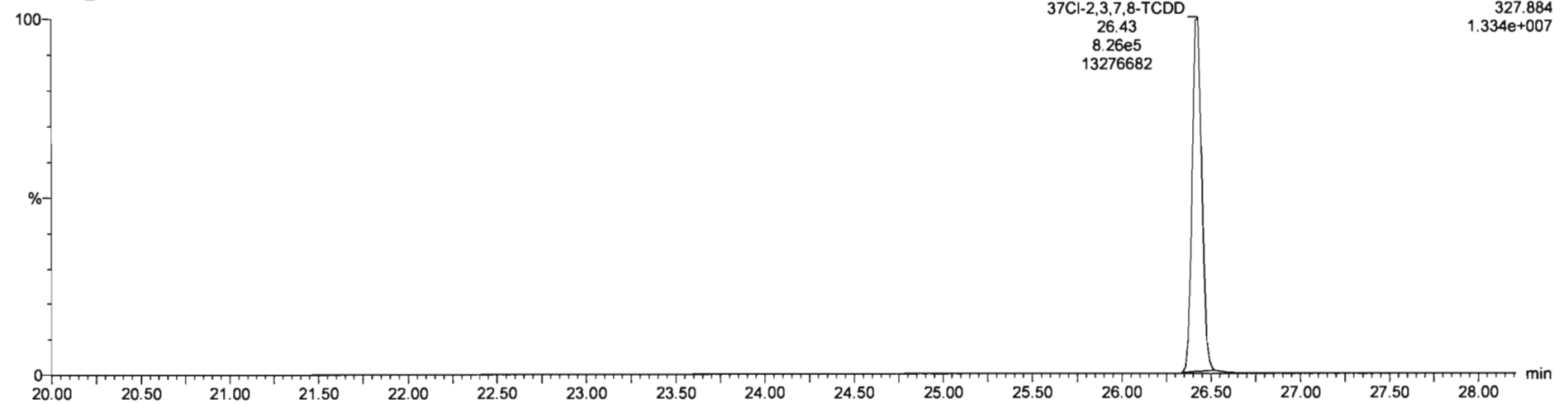
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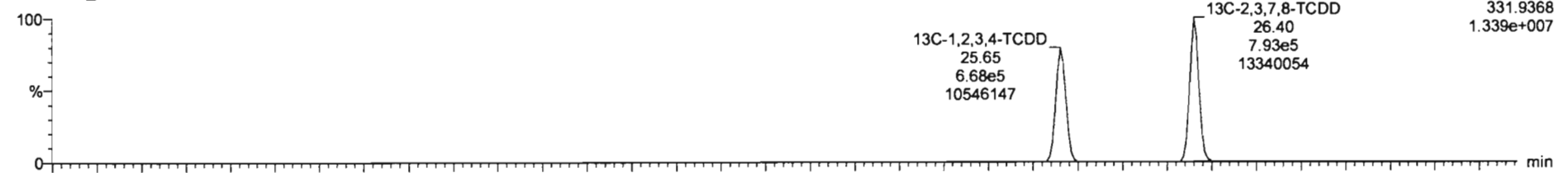
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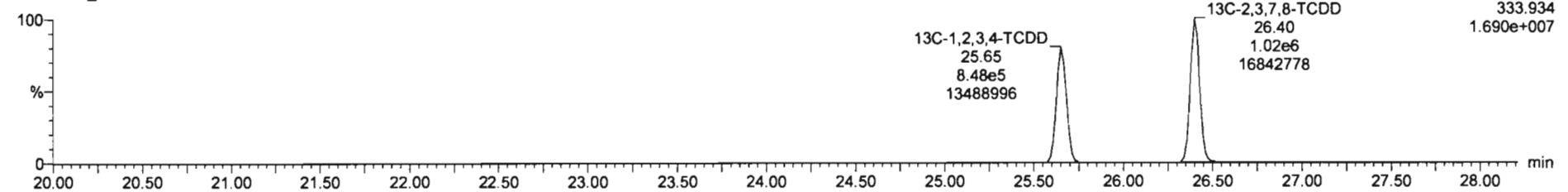


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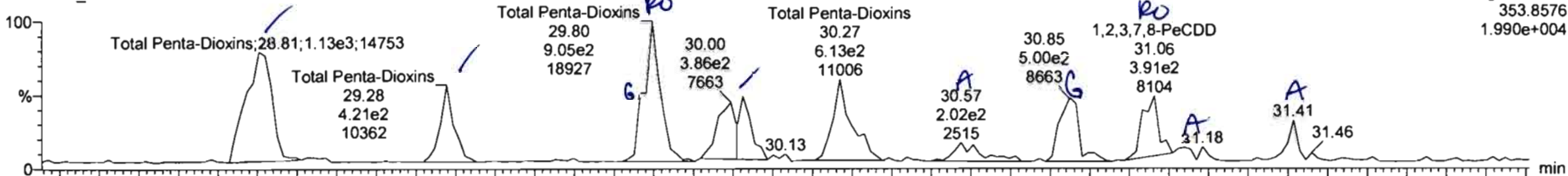
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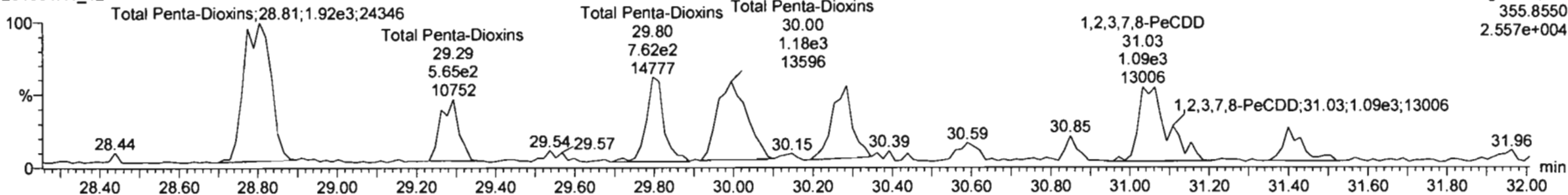
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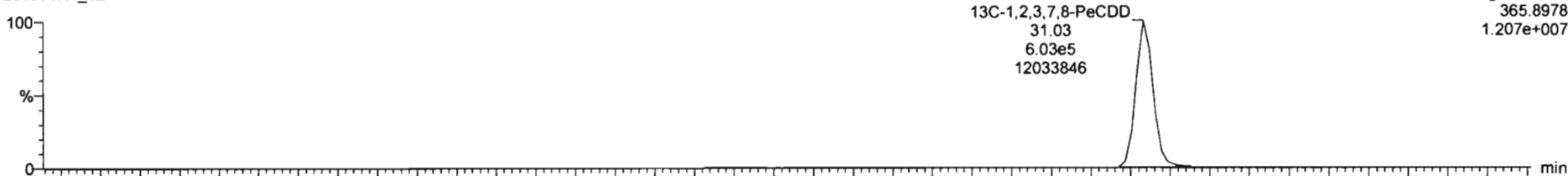


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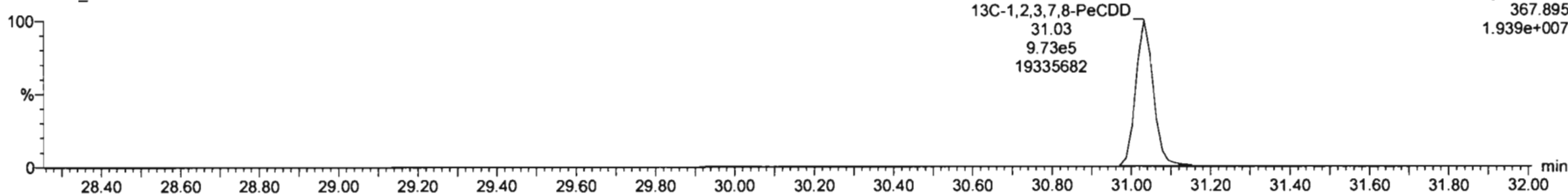


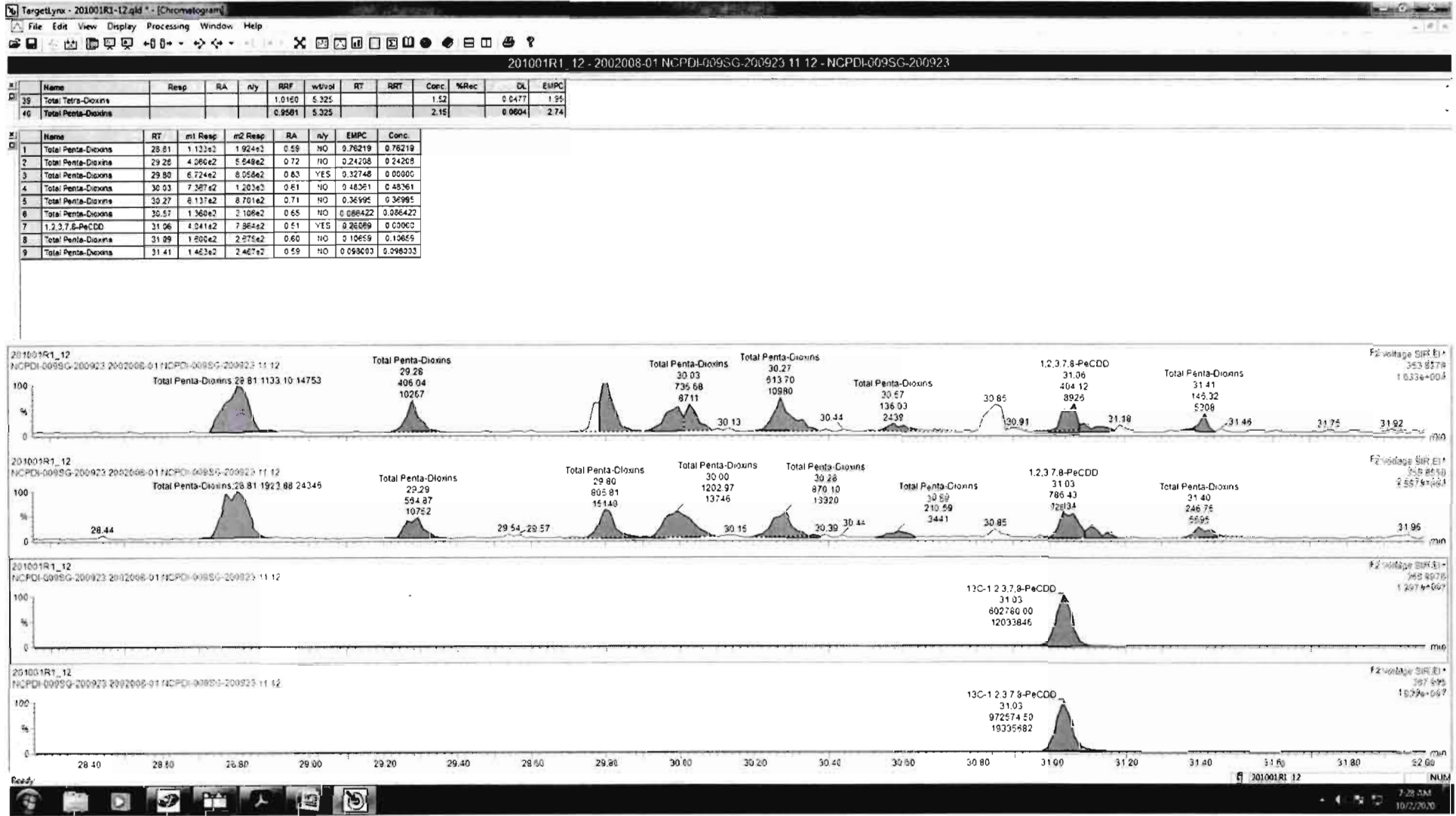
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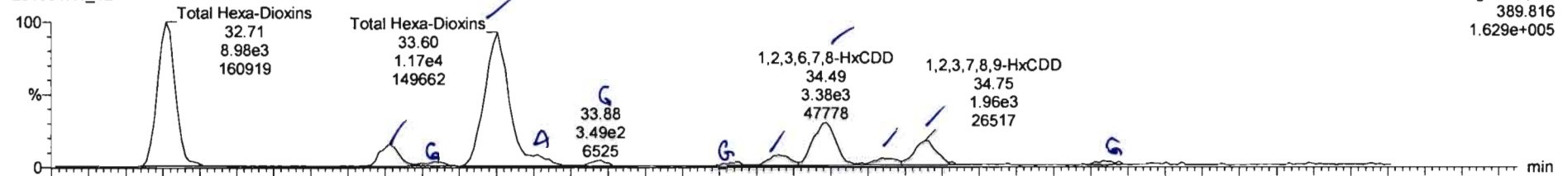
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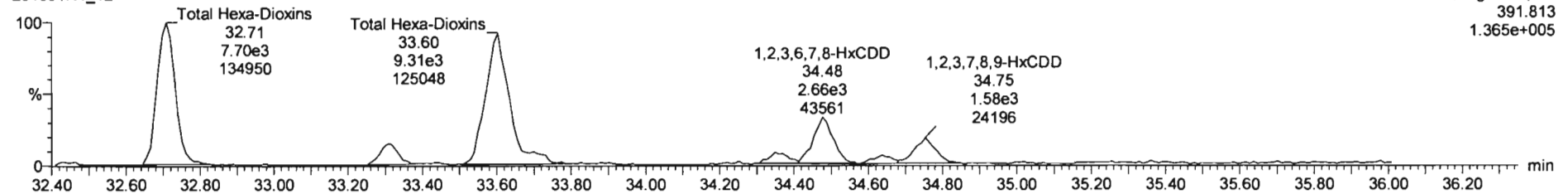
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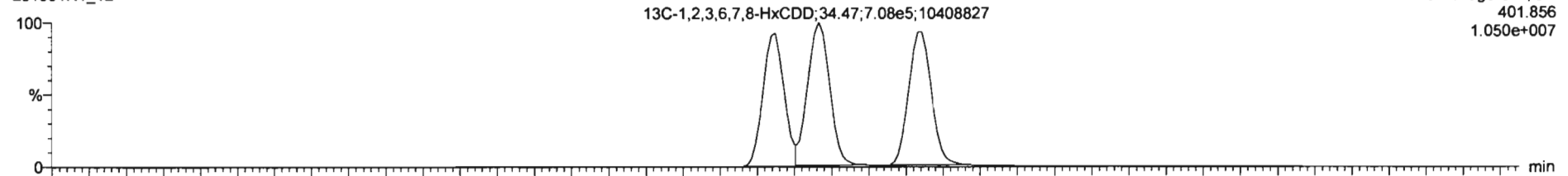


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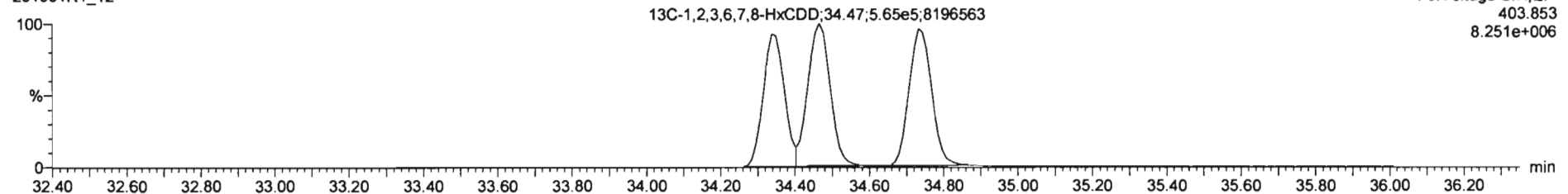


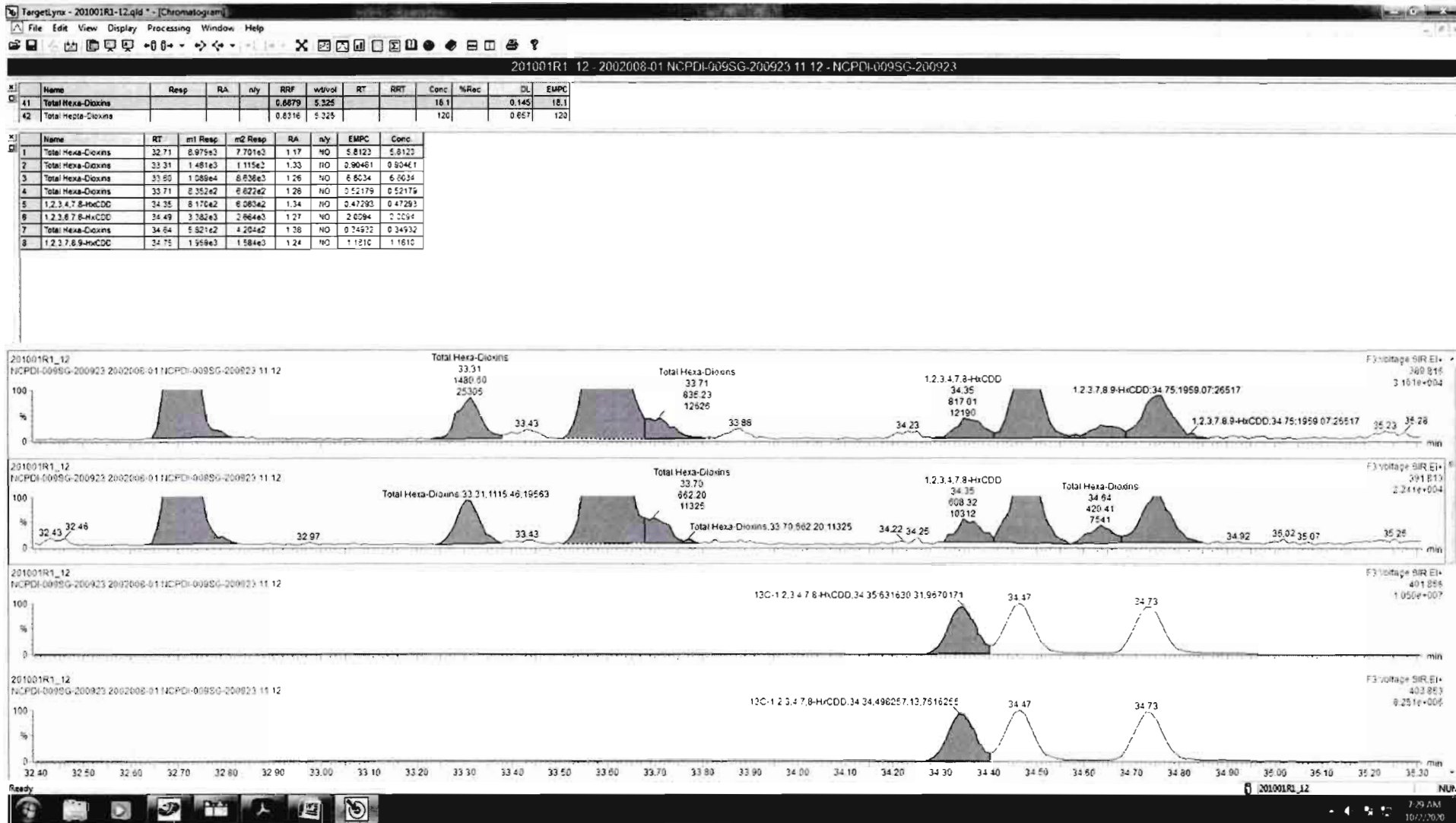
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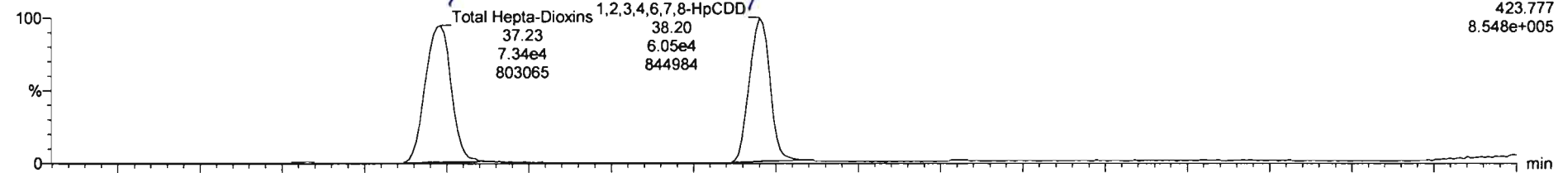
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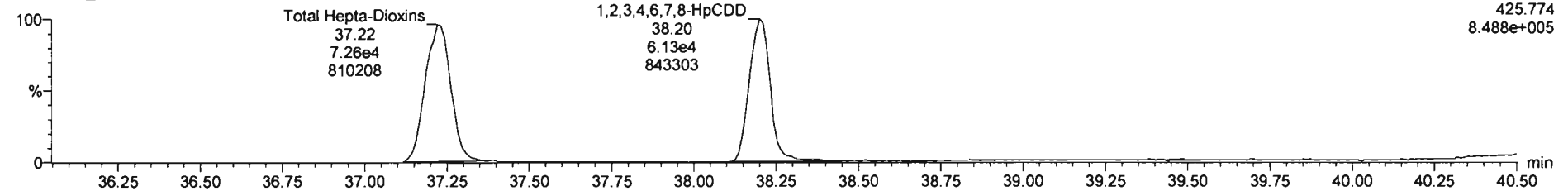
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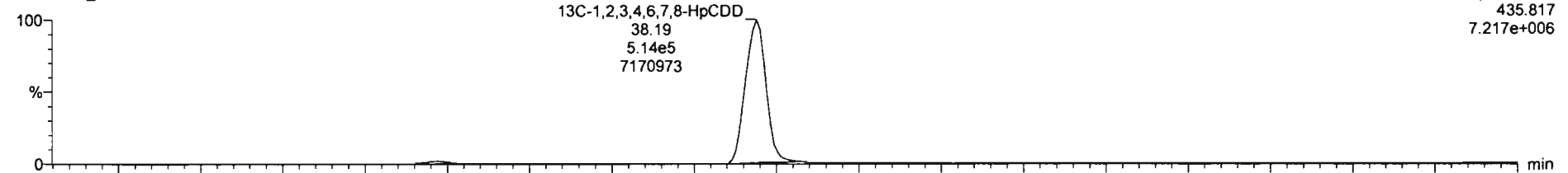


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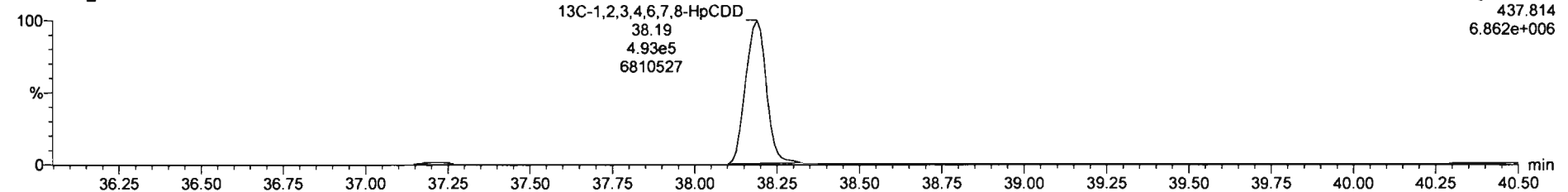


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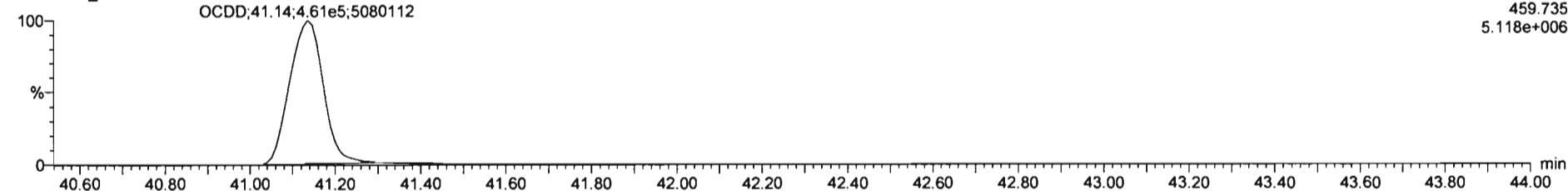
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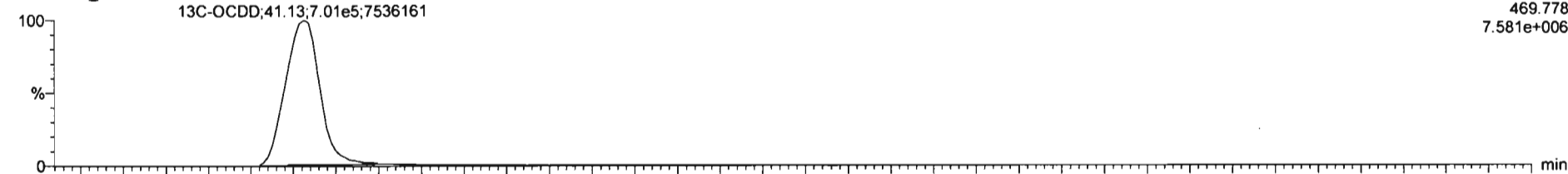


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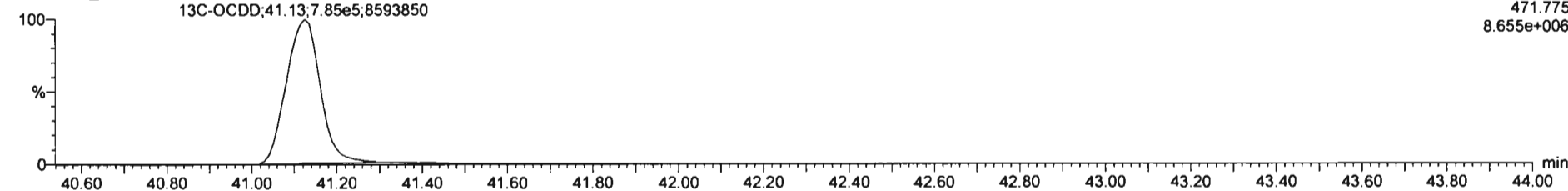


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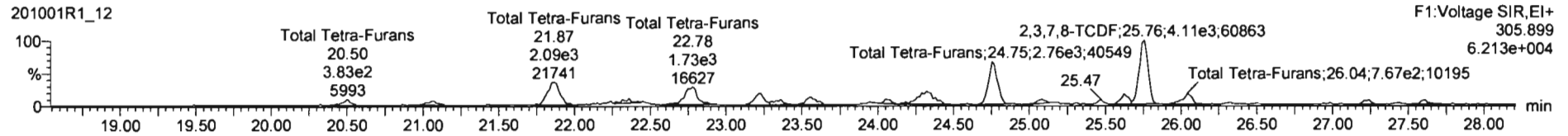
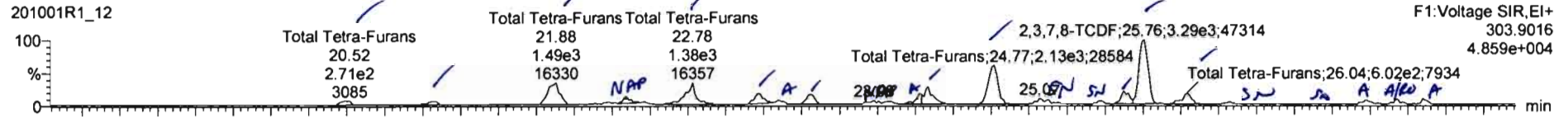


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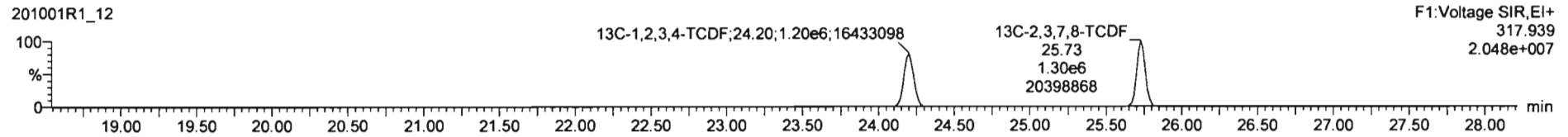
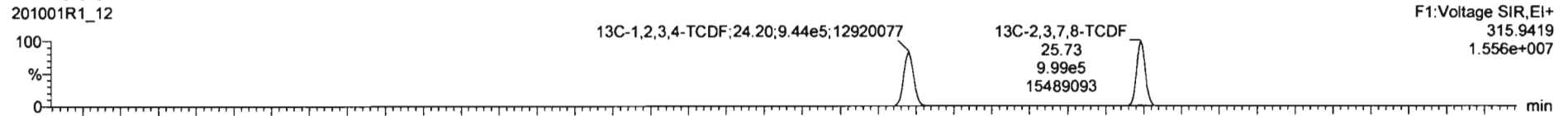
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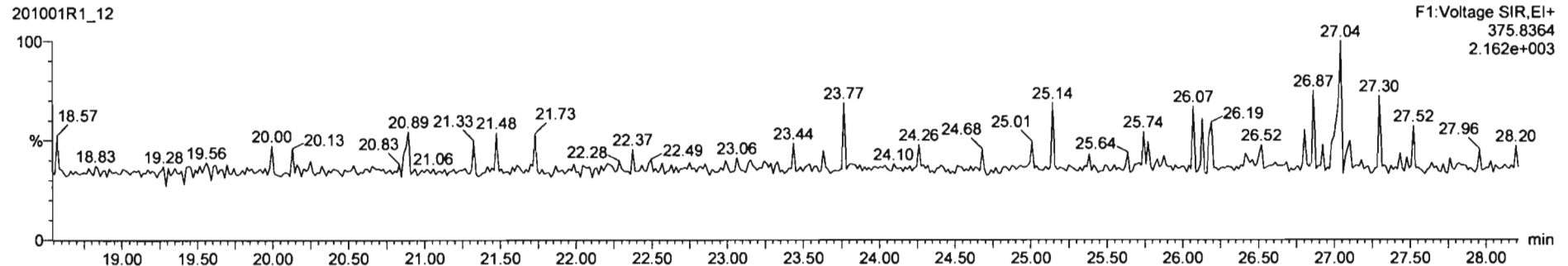
2,3,7,8-TCDF

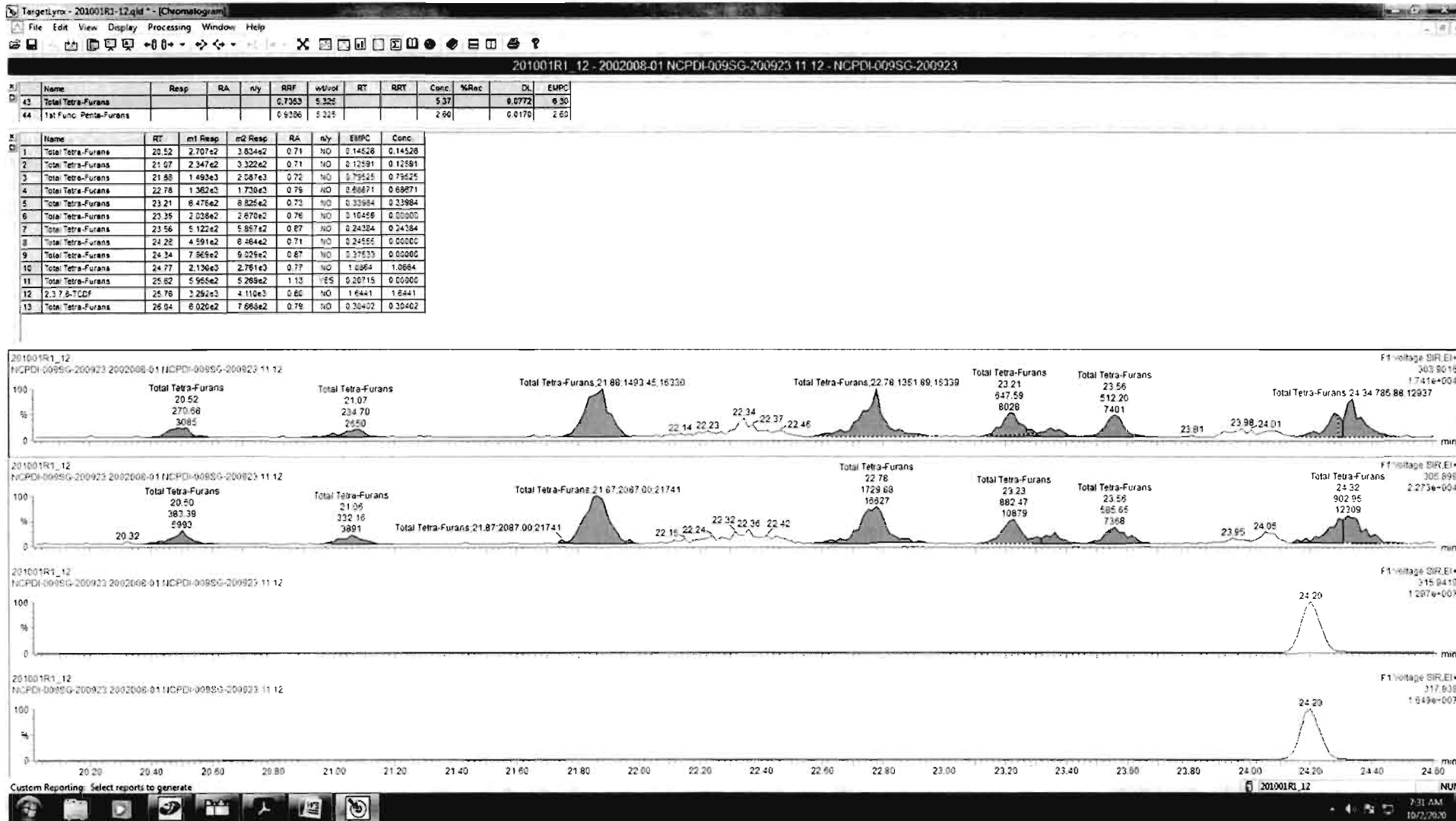


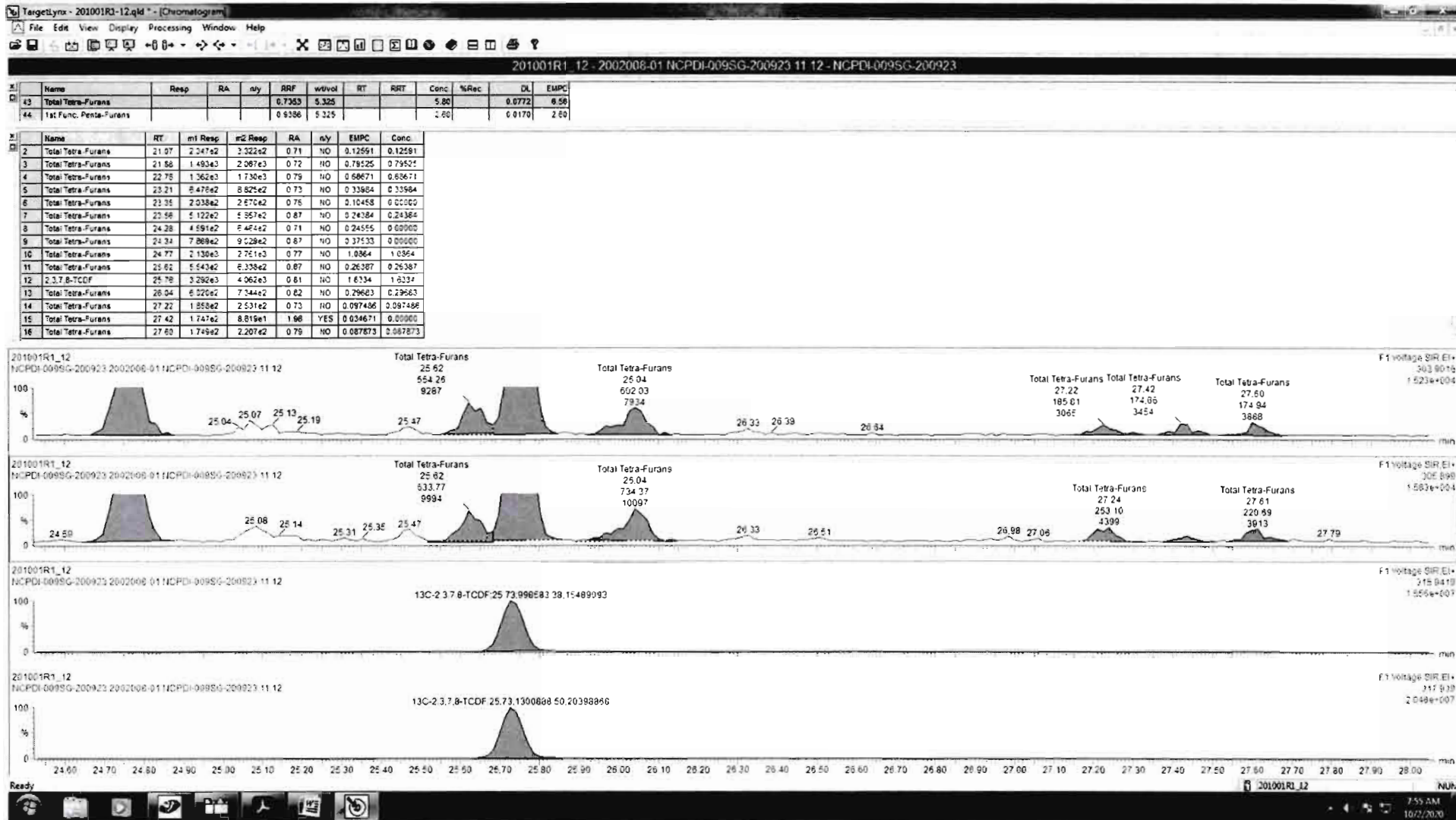
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DPE1







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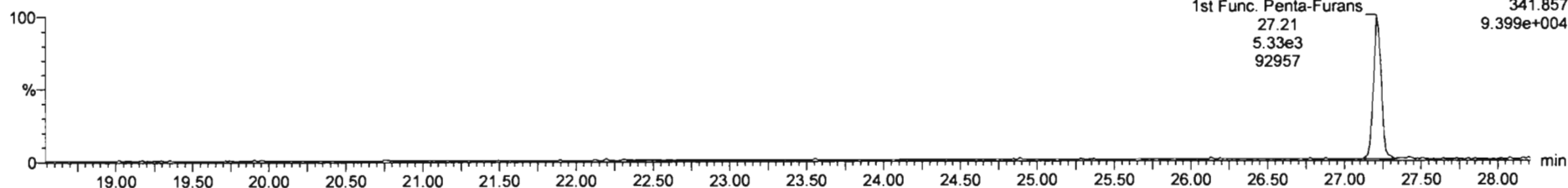
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1st Func. Penta-Furans

201001R1_12

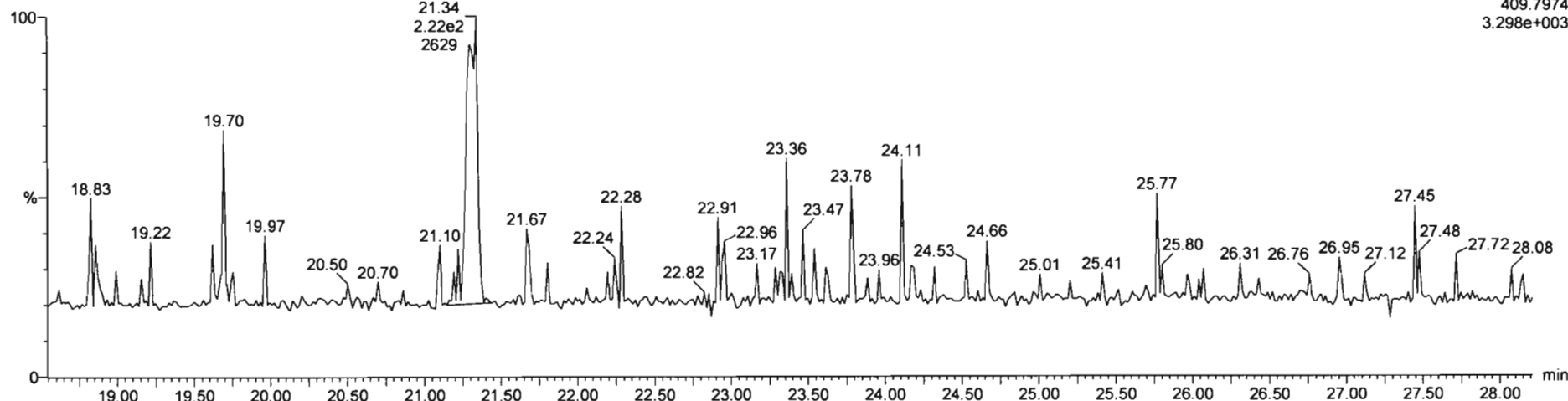


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DPE6

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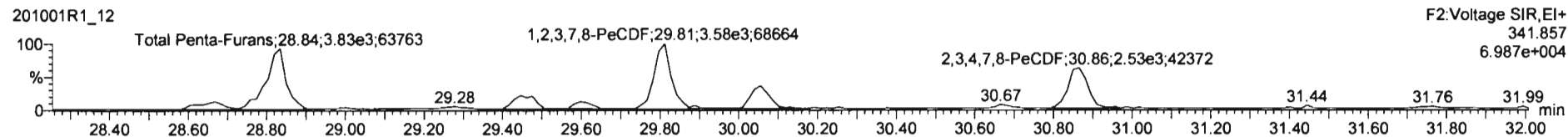
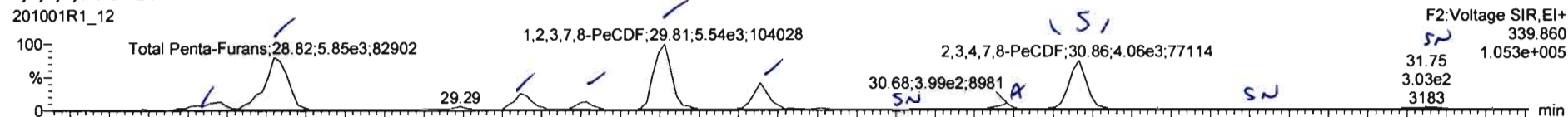


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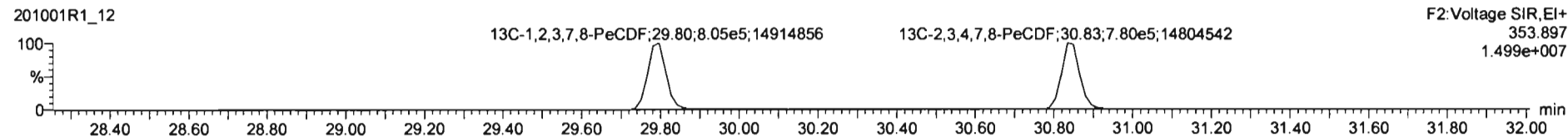
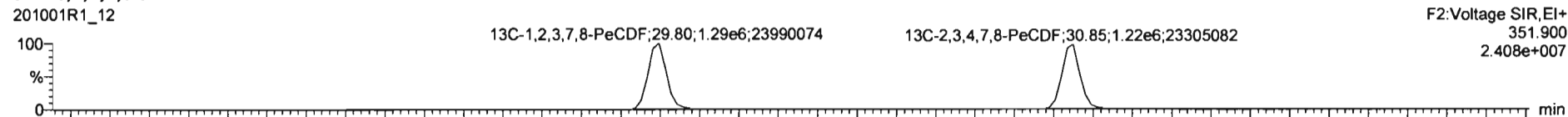
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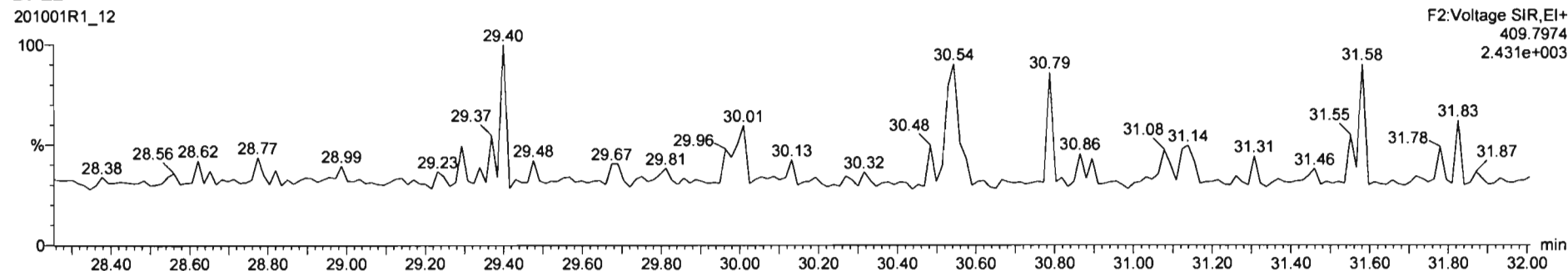
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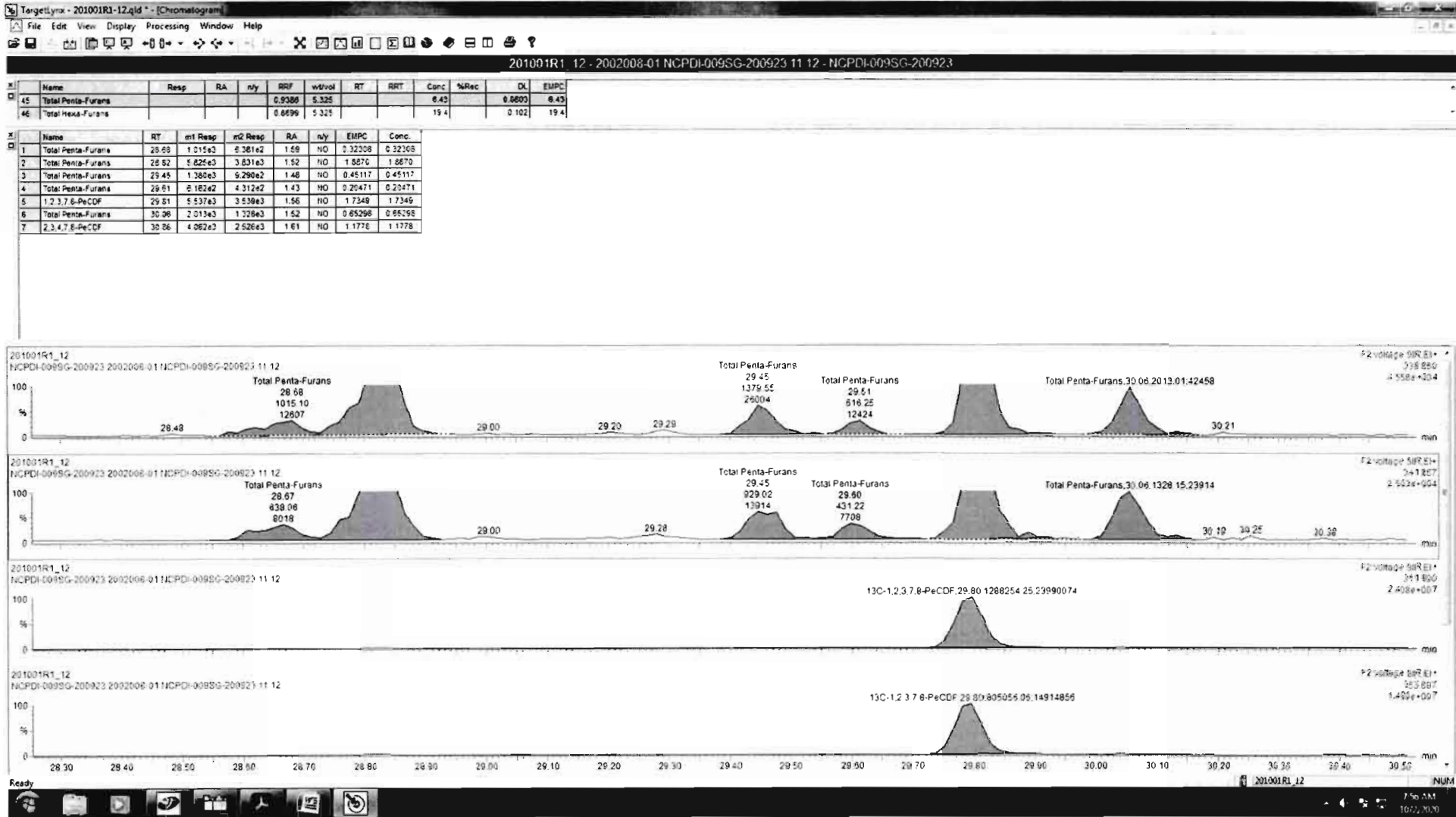


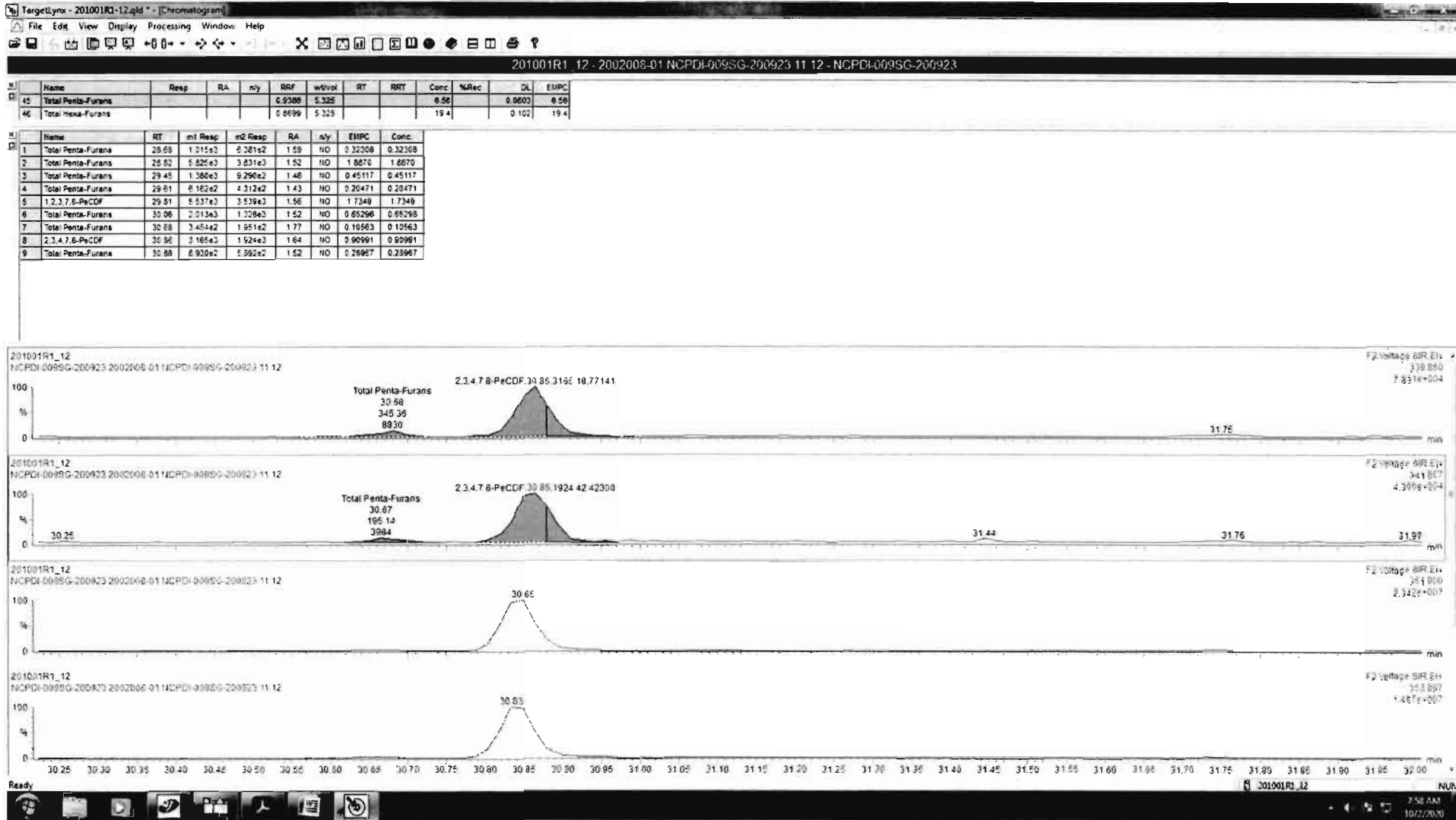
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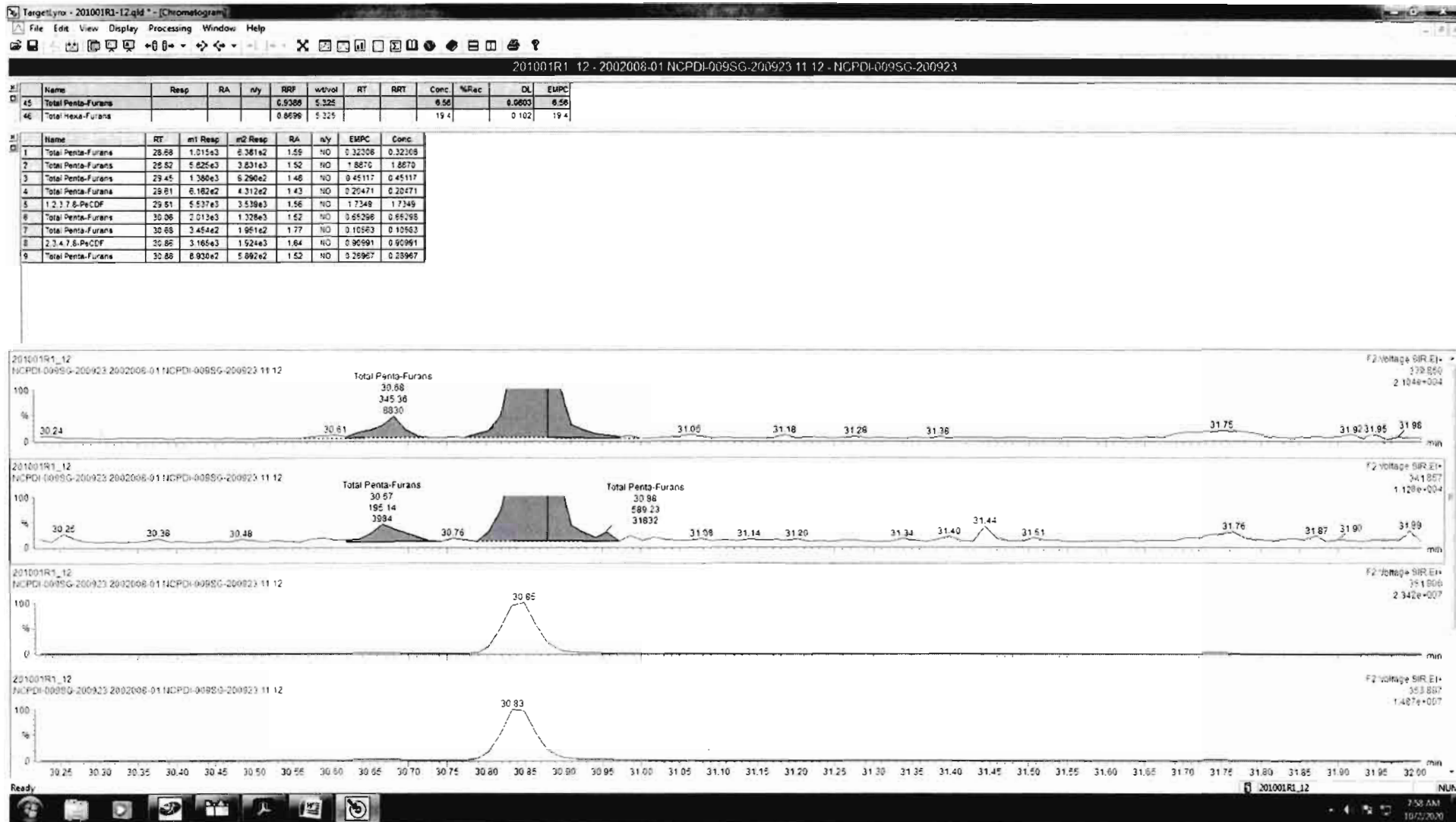


DPE2









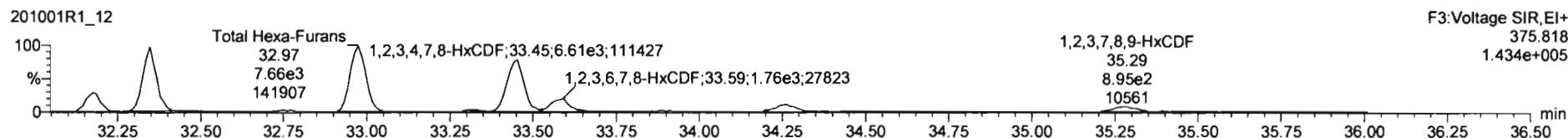
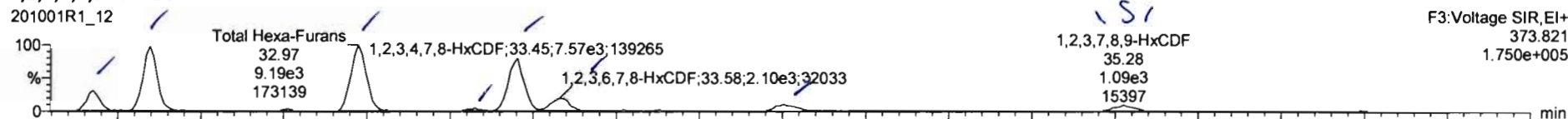
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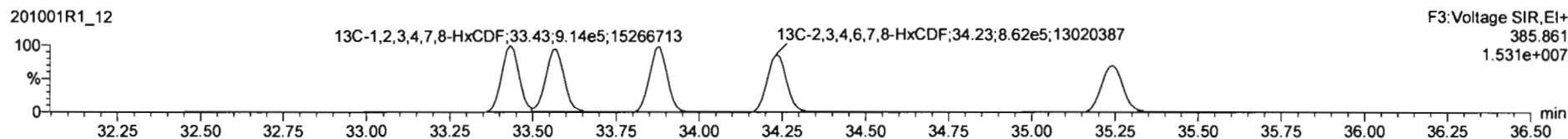
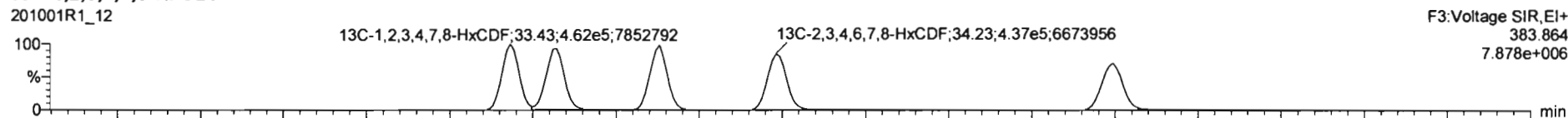
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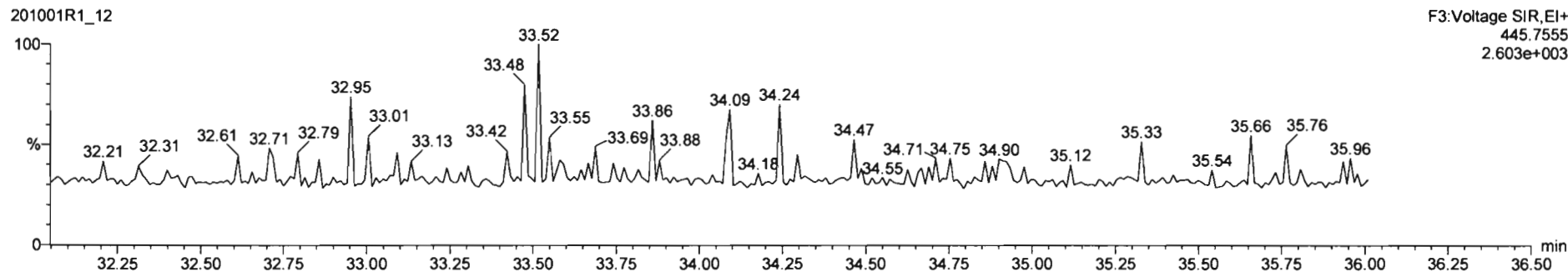
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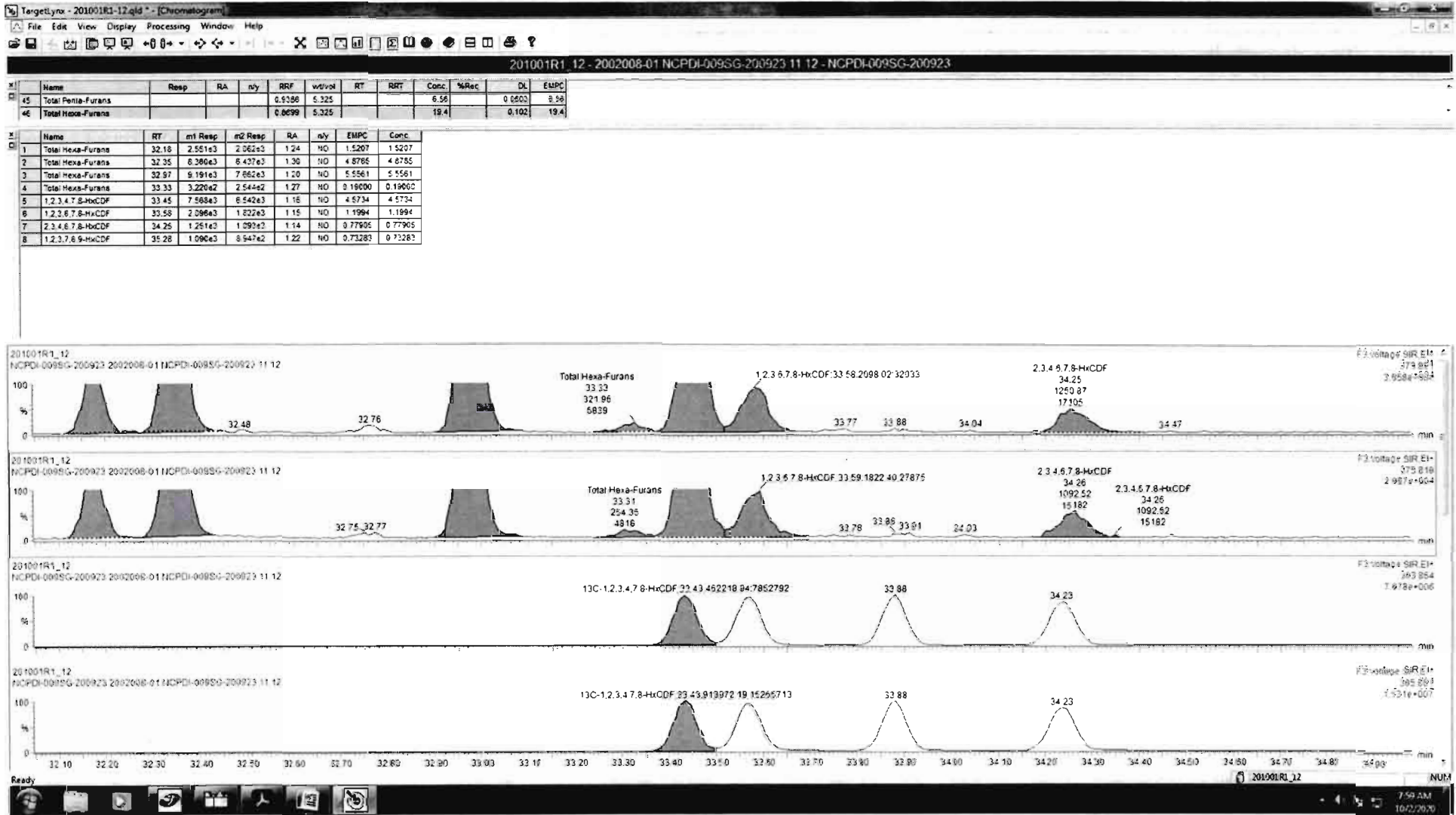


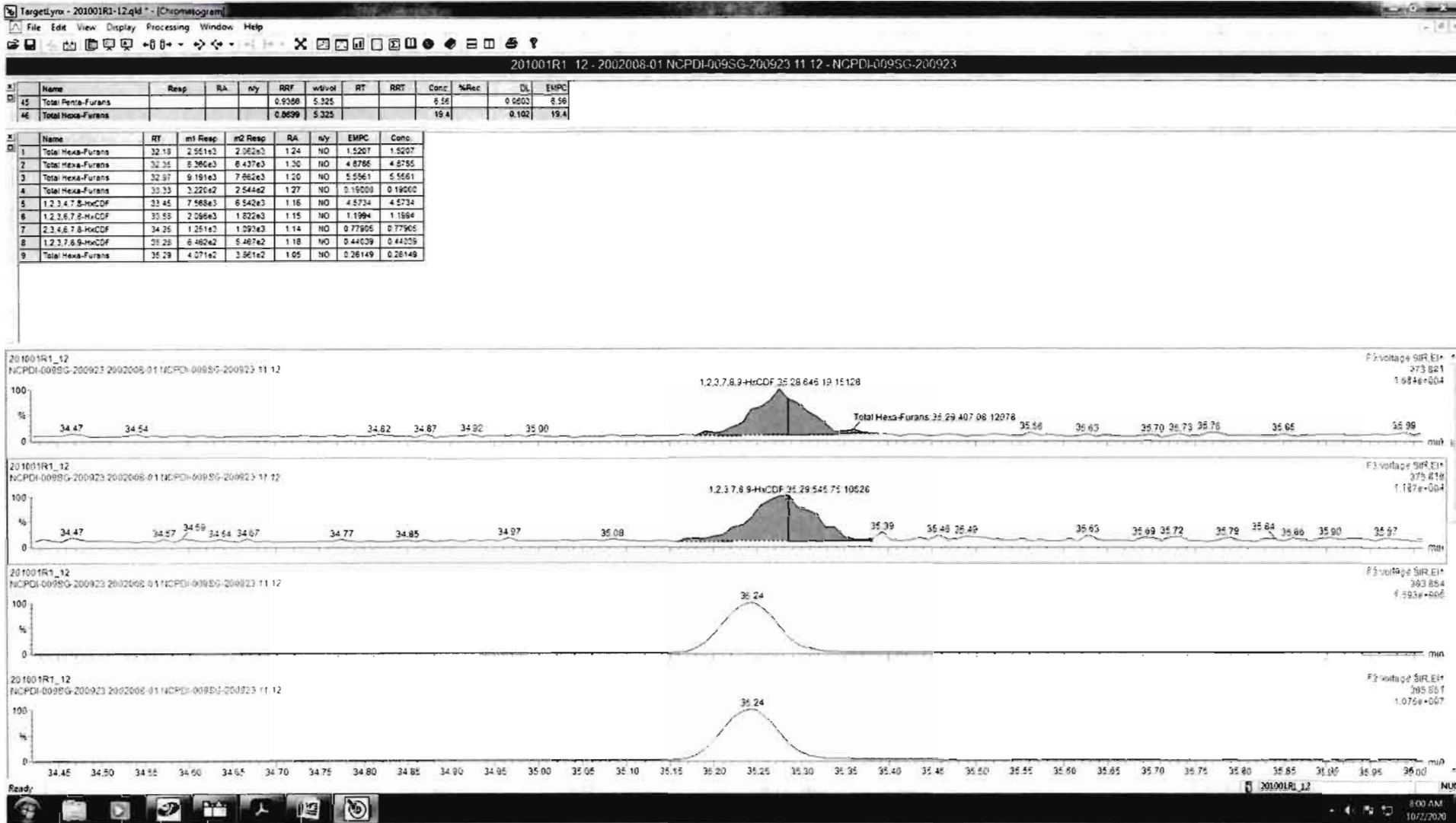
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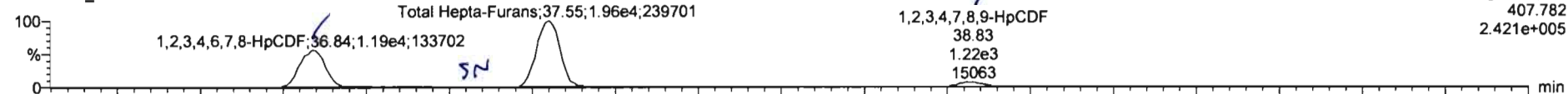
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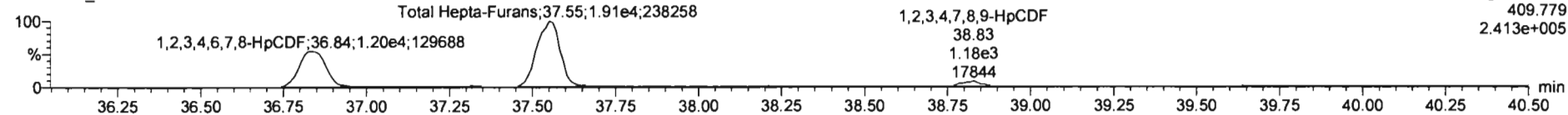
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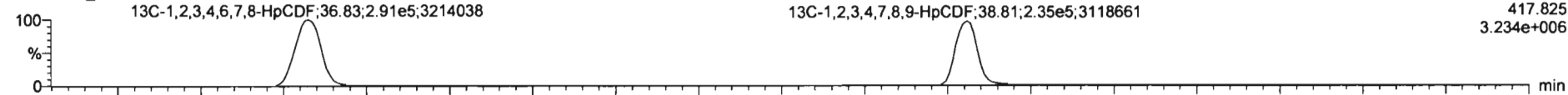


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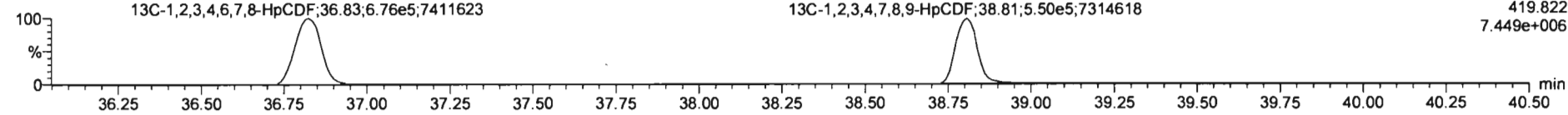


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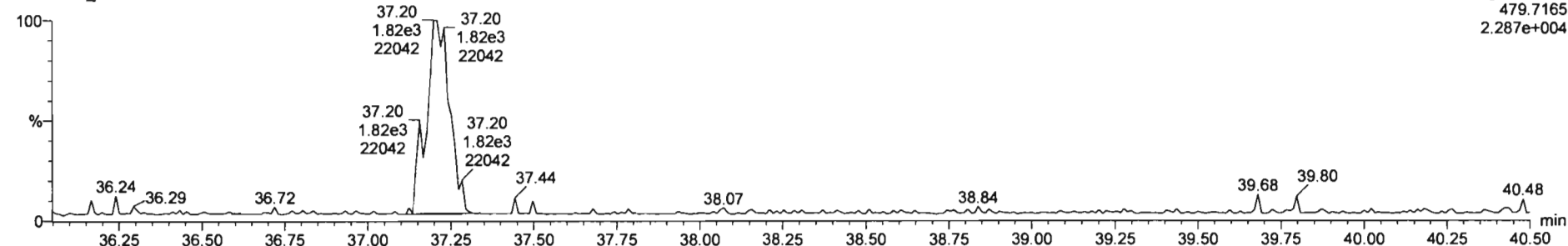


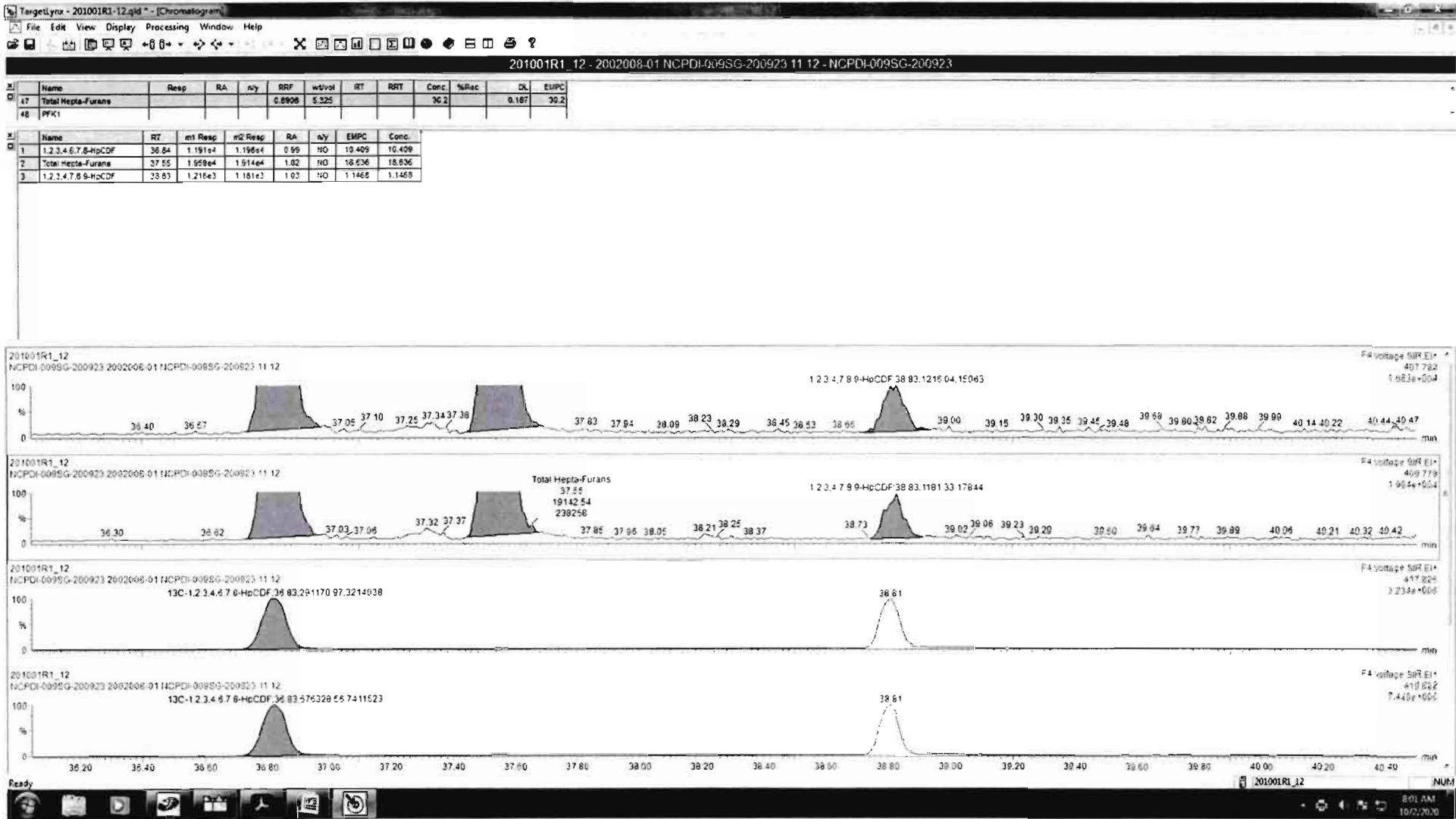
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DPE4

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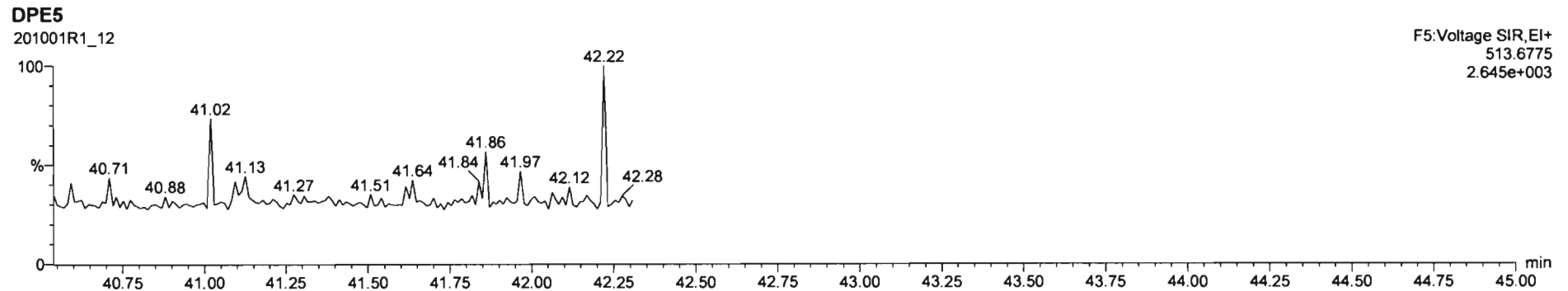
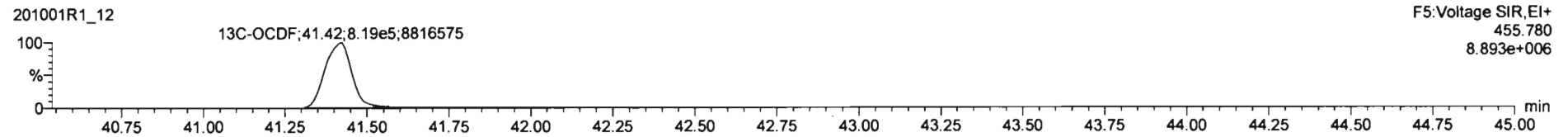
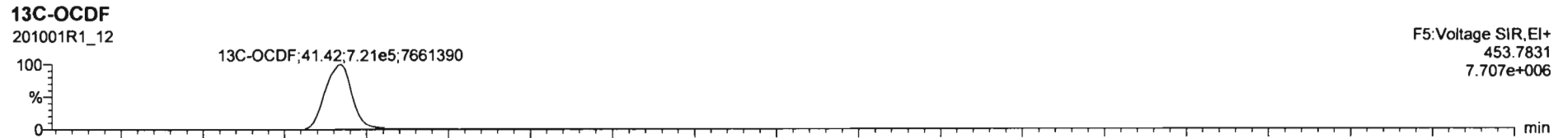
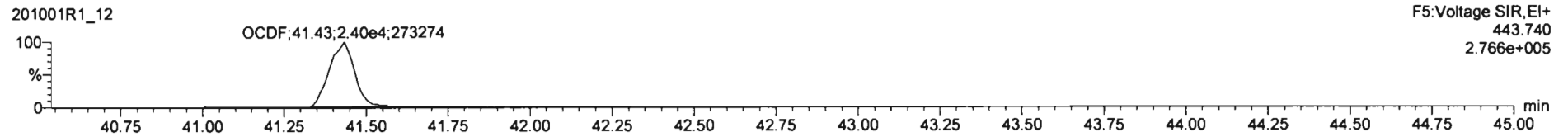
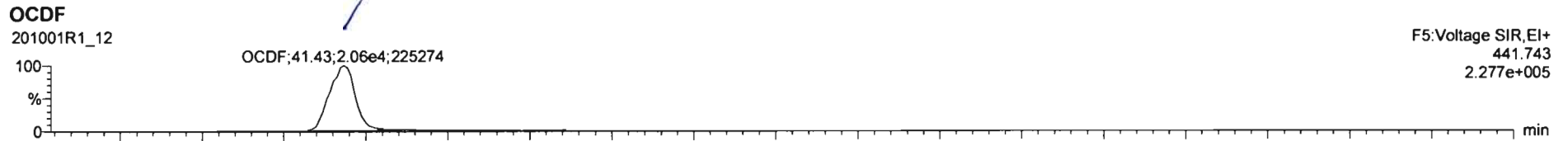


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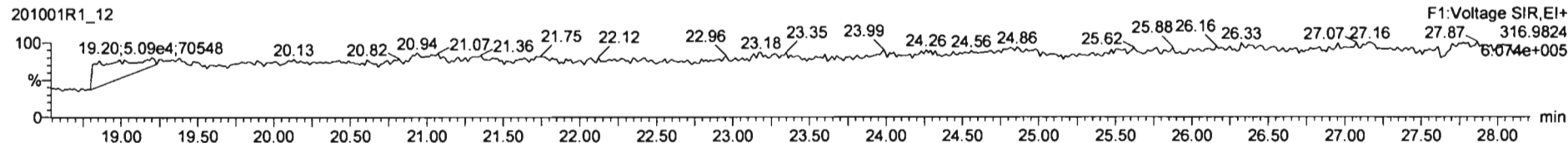


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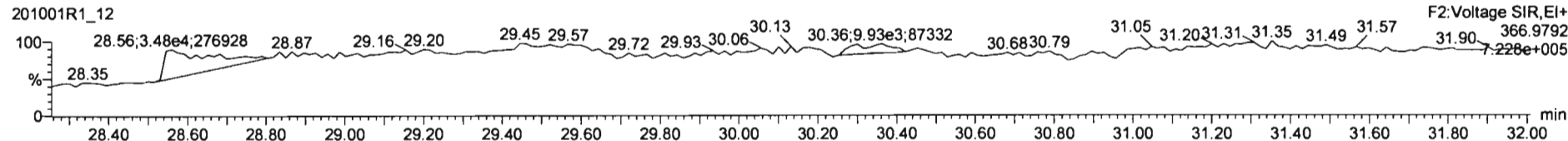
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Name: 201001R1_12, Date: 01-Oct-2020, Time: 17:33:51, ID: 2002008-01 NCPDI-009SG-200923 11.12, Description: NCPDI-009SG-200923

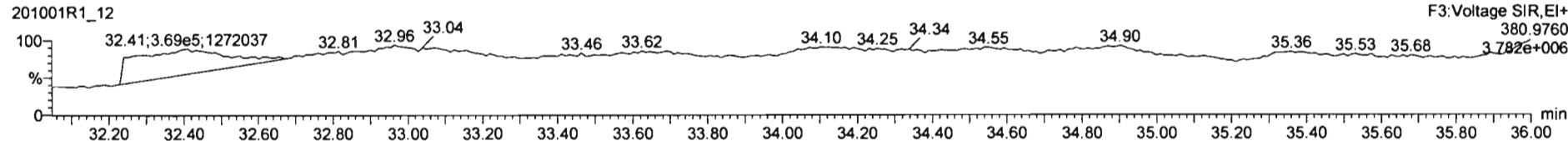
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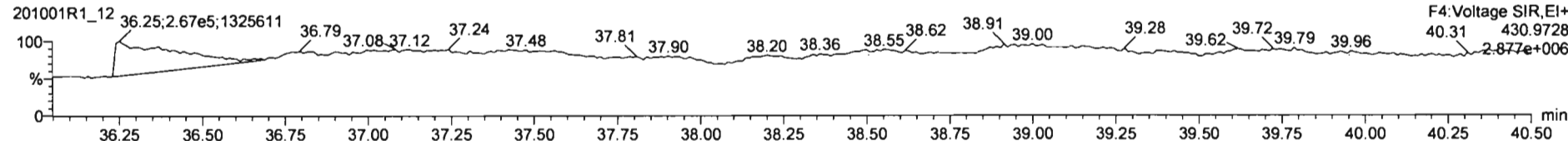
PFK2



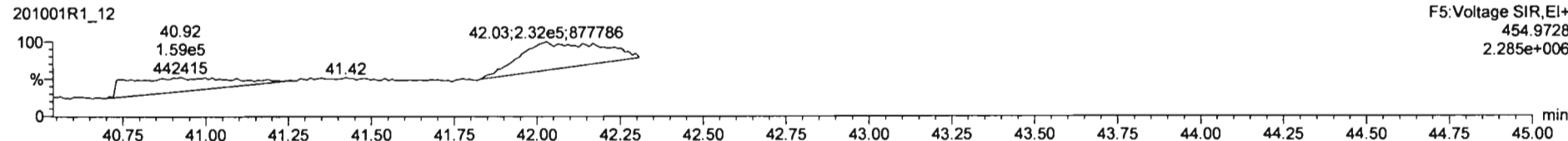
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\201001R1\201001R1-13.qld

Last Altered: Friday, October 02, 2020 08:24:16 Pacific Daylight Time
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GRB 10/02/2020

Method: Untitled 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

C7 10/02/2020

Name: 201001R1_13, Date: 01-Oct-2020, Time: 18:17:33, ID: 2002008-02 NCPDI-010SG-200923 10.9, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	1.86e3	0.29	YES	1.02	6.444	26.448	26.45	1.001	1.001	0.38697		0.0408	0.200
2	2 1,2,3,7,8-PeCDD	1.17e3	0.57	NO	0.956	6.444	31.070	31.06	1.001	1.000	0.29274		0.0641	0.293
3	3 1,2,3,4,7,8-HxCDD	1.80e3	1.06	NO	1.00	6.444	34.369	34.38	1.000	1.001	0.58452		0.215	0.585
4	4 1,2,3,6,7,8-HxCDD	1.03e4	1.22	NO	0.888	6.444	34.476	34.50	1.000	1.001	3.4109		0.235	3.41
5	5 1,2,3,7,8,9-HxCDD	3.54e3	1.19	NO	0.909	6.444	34.763	34.76	1.000	1.000	1.1742		0.231	1.17
6	6 1,2,3,4,6,7,8-HpCDD	4.40e5	1.01	NO	0.832	6.444	38.211	38.21	1.000	1.000	196.16		0.817	196
7	7 OCDD	2.12e6	0.87	NO	0.862	6.444	41.136	41.15	1.000	1.000	1522.0		0.951	1520
8	8 2,3,7,8-TCDF	9.00e3	0.73	NO	0.735	6.444	25.756	25.77	1.000	1.001	2.1518		0.0589	2.15
9	9 1,2,3,7,8-PeCDF	9.26e3	1.45	NO	0.939	6.444	29.833	29.83	1.001	1.001	1.7756		0.0550	1.78
10	10 2,3,4,7,8-PeCDF	5.63e3	1.43	NO	1.05	6.444	30.865	30.88	1.000	1.000	1.0250		0.0503	1.03
11	11 1,2,3,4,7,8-HxCDF	9.78e3	1.28	NO	0.842	6.444	33.443	33.46	1.000	1.001	2.9570		0.0957	2.96
12	12 1,2,3,6,7,8-HxCDF	2.87e3	1.39	NO	0.894	6.444	33.592	33.59	1.000	1.000	0.82970		0.0934	0.830
13	13 2,3,4,6,7,8-HxCDF	1.64e3	1.29	NO	0.870	6.444	34.273	34.28	1.001	1.001	0.51923		0.108	0.519
14	14 1,2,3,7,8,9-HxCDF	1.00e3	1.39	NO	0.855	6.444	35.275	35.30	1.001	1.001	0.35326		0.131	0.353
15	15 1,2,3,4,6,7,8-HpCDF	2.43e4	0.99	NO	0.891	6.444	36.874	36.86	1.001	1.001	10.651		0.209	10.7
16	16 1,2,3,4,7,8,9-HpCDF	2.12e3	1.01	NO	1.00	6.444	38.818	38.84	1.000	1.001	1.0238		0.191	1.02
17	17 OCDF	7.48e4	0.82	NO	0.784	6.444	41.434	41.44	1.000	1.000	55.397		0.322	55.4
18	18 13C-2,3,7,8-TCDD	1.46e6	0.78	NO	1.15	6.444	26.405	26.42	1.029	1.029	285.51	92.0	0.131	
19	19 13C-1,2,3,7,8-PeCDD	1.29e6	0.62	NO	0.887	6.444	30.994	31.05	1.207	1.210	327.40	105	0.241	
20	20 13C-1,2,3,4,7,8-HxCDD	9.53e5	1.28	NO	0.801	6.444	34.361	34.36	1.014	1.014	277.51	89.4	0.349	
21	21 13C-1,2,3,6,7,8-HxCDD	1.05e6	1.29	NO	0.892	6.444	34.490	34.48	1.018	1.017	275.41	88.7	0.314	
22	22 13C-1,2,3,7,8,9-HxCDD	1.03e6	1.25	NO	0.882	6.444	34.751	34.75	1.025	1.025	272.37	87.8	0.317	
23	23 13C-1,2,3,4,6,7,8-HpCDD	8.36e5	1.05	NO	0.719	6.444	38.184	38.20	1.127	1.127	271.61	87.5	0.684	
24	24 13C-OCDD	1.00e6	0.89	NO	0.563	6.444	41.112	41.14	1.213	1.214	415.80	67.0	0.598	
25	25 13C-2,3,7,8-TCDF	1.77e6	0.78	NO	1.01	6.444	25.748	25.74	1.003	1.003	273.45	88.1	0.221	
26	26 13C-1,2,3,7,8-PeCDF	1.72e6	1.59	NO	0.814	6.444	29.754	29.81	1.159	1.161	331.03	107	0.732	
27	27 13C-2,3,4,7,8-PeCDF	1.62e6	1.60	NO	0.768	6.444	30.791	30.86	1.200	1.202	330.61	107	0.776	
28	28 13C-1,2,3,4,7,8-HxCDF	1.22e6	0.50	NO	0.993	6.444	33.439	33.44	0.987	0.987	286.76	92.4	0.575	
29	29 13C-1,2,3,6,7,8-HxCDF	1.20e6	0.51	NO	0.990	6.444	33.582	33.58	0.991	0.991	283.16	91.2	0.577	
30	30 13C-2,3,4,6,7,8-HxCDF	1.12e6	0.51	NO	0.944	6.444	34.249	34.25	1.011	1.011	278.12	89.6	0.605	
31	31 13C-1,2,3,7,8,9-HxCDF	1.03e6	0.51	NO	0.842	6.444	35.266	35.25	1.041	1.040	285.61	92.0	0.678	

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Name: 201001R1_13, Date: 01-Oct-2020, Time: 18:17:33, ID: 2002008-02 NCPDI-010SG-200923 10.9, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	7.95e5	0.43	NO	0.687	6.444	36.855	36.84	1.087	1.087	270.17	87.1	0.611	
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.42e5	0.43	NO	0.555	6.444	38.804	38.82	1.145	1.145	270.10	87.0	0.757	
34	34 13C-OCDF	1.07e6	0.90	NO	0.608	6.444	41.393	41.43	1.221	1.223	410.05	66.1	0.631	
35	35 37Cl-2,3,7,8-TCDD	6.92e5			1.18	6.444	26.435	26.45	1.030	1.030	131.97	106	0.0694	
36	36 13C-1,2,3,4-TCDD	1.38e6	0.78	NO	1.00	6.444	25.740	25.67	1.000	1.000	310.36	100	0.151	
37	37 13C-1,2,3,4-TCDF	1.99e6	0.78	NO	1.00	6.444	24.310	24.22	1.000	1.000	310.36	100	0.223	
38	38 13C-1,2,3,4,6,9-HxCDF	1.33e6	0.51	NO	1.00	6.444	33.920	33.89	1.000	1.000	310.36	100	0.571	
39	39 Total Tetra-Dioxins				1.02	6.444	24.620		0.000		1.6193		0.0408	1.90
40	40 Total Penta-Dioxins				0.956	6.444	29.960		0.000		3.3081		0.0641	3.88
41	41 Total Hexa-Dioxins				0.888	6.444	33.635		0.000		46.410		0.238	46.4
42	42 Total Hepta-Dioxins				0.832	6.444	37.640		0.000		470.00		0.817	470
43	43 Total Tetra-Furans				0.735	6.444	23.610		0.000		8.1438		0.0589	8.47
44	44 1st Func. Penta-Furans				0.939	6.444	27.230		0.000		2.6954		0.0182	2.70
45	45 Total Penta-Furans				0.939	6.444	29.275		0.000		6.7228		0.0556	6.72
46	46 Total Hexa-Furans				0.870	6.444	33.555		0.000		14.546		0.106	14.5
47	47 Total Hepta-Furans				0.891	6.444	37.835		0.000		50.067		0.211	50.1

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-13.qld

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Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_13, Date: 01-Oct-2020, Time: 18:17:33, ID: 2002008-02 NCPDI-010SG-200923 10.9, Description: NCPDI-010SG-200923

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	22.75	7.062e3	7.677e3	5.890e2	7.033e2	0.84	NO	1.292e3	0.26946	0.26946	0.0408
2	Total Tetra-Dioxins	23.09	4.460e3	6.211e3	3.471e2	4.456e2	0.78	NO	7.927e2	0.16529	0.16529	0.0408
3	Total Tetra-Dioxins	23.56	3.094e3	3.967e3	2.192e2	3.314e2	0.66	NO	5.506e2	0.11482	0.11482	0.0408
4	Total Tetra-Dioxins	24.38	2.908e3	5.642e3	2.286e2	3.236e2	0.71	NO	5.522e2	0.11515	0.11515	0.0408
5	Total Tetra-Dioxins	24.62	4.678e3	6.879e3	4.169e2	5.410e2	0.77	NO	9.579e2	0.19974	0.19974	0.0408
6	Total Tetra-Dioxins	24.82	3.934e3	4.938e3	3.015e2	3.628e2	0.83	NO	6.643e2	0.13851	0.13851	0.0408
7	Total Tetra-Dioxins	25.01	1.902e3	3.463e3	1.625e2	2.349e2	0.69	NO	0.000e0	0.00000	0.082858	0.0408
8	Total Tetra-Dioxins	25.40	3.099e3	3.539e3	2.682e2	3.837e2	0.70	NO	6.519e2	0.13594	0.13594	0.0408
9	Total Tetra-Dioxins	26.16	1.335e4	1.878e4	1.012e3	1.292e3	0.78	NO	2.304e3	0.48037	0.48037	0.0408
10	2,3,7,8-TCDD	26.45	4.824e3	2.068e4	4.180e2	1.438e3	0.29	YES	1.856e3	0.00000	0.20034	0.0408

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.84	1.756e4	3.147e4	1.714e3	2.813e3	0.61	NO	4.527e3	1.1366	1.1366	0.0641
2	Total Penta-Dioxins	29.29	1.376e4	2.163e4	6.085e2	9.188e2	0.66	NO	1.527e3	0.38345	0.38345	0.0641
3	Total Penta-Dioxins	29.81	1.466e4	1.654e4	7.655e2	1.006e3	0.76	YES	0.000e0	0.00000	0.41183	0.0641
4	Total Penta-Dioxins	29.98	1.180e4	1.580e4	8.906e2	1.396e3	0.64	NO	2.286e3	0.57402	0.57402	0.0641
5	Total Penta-Dioxins	30.30	1.460e4	2.238e4	1.129e3	1.750e3	0.65	NO	2.879e3	0.72282	0.72282	0.0641
6	1,2,3,7,8-PeCDD	31.06	8.269e3	1.074e4	4.218e2	7.442e2	0.57	NO	1.166e3	0.29274	0.29274	0.0641
7	Total Penta-Dioxins	31.15	5.578e3	9.253e3	3.269e2	4.634e2	0.71	NO	7.902e2	0.19841	0.19841	0.0641
8	Total Penta-Dioxins	31.43	4.531e3	5.956e3	2.923e2	3.797e2	0.77	YES	0.000e0	0.00000	0.15539	0.0641

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Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.72	6.054e5	4.885e5	3.009e4	2.439e4	1.23	NO	5.449e4	18.831	18.831	0.238
2	Total Hexa-Dioxins	33.33	6.480e4	5.411e4	3.711e3	2.920e3	1.27	NO	6.630e3	2.2914	2.2914	0.238
3	Total Hexa-Dioxins	33.61	3.882e5	3.162e5	2.773e4	2.225e4	1.25	NO	4.998e4	17.273	17.273	0.238
4	Total Hexa-Dioxins	33.71	4.545e4	3.553e4	2.616e3	2.029e3	1.29	NO	4.645e3	1.6054	1.6054	0.238
5	1,2,3,4,7,8-HxCDD	34.38	1.600e4	1.373e4	9.243e2	8.728e2	1.06	NO	1.797e3	0.58452	0.58452	0.215
6	1,2,3,6,7,8-HxCDD	34.50	9.313e4	7.287e4	5.653e3	4.615e3	1.22	NO	1.027e4	3.4109	3.4109	0.235
7	Total Hexa-Dioxins	34.67	3.027e4	2.486e4	1.923e3	1.665e3	1.16	NO	3.588e3	1.2399	1.2399	0.238
8	1,2,3,7,8,9-HxCDD	34.76	2.891e4	2.180e4	1.923e3	1.619e3	1.19	NO	3.542e3	1.1742	1.1742	0.231

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.24	4.211e6	4.134e6	3.072e5	3.066e5	1.00	NO	6.138e5	273.83	273.83	0.817
2	1,2,3,4,6,7,8-HpCDD	38.21	3.735e6	3.716e6	2.213e5	2.183e5	1.01	NO	4.397e5	196.16	196.16	0.817

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Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	21.06	4.542e3	5.321e3	3.453e2	4.415e2	0.78	NO	7.868e2	0.18808	0.18808	0.0589
2	Total Tetra-Furans	21.87	1.833e4	2.460e4	1.748e3	2.488e3	0.70	NO	4.236e3	1.0125	1.0125	0.0589
3	Total Tetra-Furans	22.78	1.464e4	1.873e4	1.380e3	1.994e3	0.69	NO	3.374e3	0.80642	0.80642	0.0589
4	Total Tetra-Furans	23.23	1.173e4	1.349e4	8.675e2	1.122e3	0.77	NO	1.989e3	0.47554	0.47554	0.0589
5	Total Tetra-Furans	23.36	2.262e3	4.527e3	2.026e2	2.755e2	0.74	NO	4.780e2	0.11427	0.11427	0.0589
6	Total Tetra-Furans	23.57	4.715e3	6.321e3	3.584e2	4.271e2	0.84	NO	7.855e2	0.18775	0.18775	0.0589
7	Total Tetra-Furans	24.08	3.268e3	5.176e3	1.727e2	2.226e2	0.78	NO	3.953e2	0.094489	0.094489	0.0589
8	Total Tetra-Furans	24.29	7.795e3	1.069e4	3.339e2	5.053e2	0.66	NO	0.000e0	0.00000	0.20058	0.0589
9	Total Tetra-Furans	24.35	1.132e4	1.737e4	1.090e3	1.540e3	0.71	NO	2.630e3	0.62854	0.62854	0.0589
10	Total Tetra-Furans	24.77	4.439e4	5.655e4	3.115e3	4.109e3	0.76	NO	7.224e3	1.7268	1.7268	0.0589
11	Total Tetra-Furans	25.64	1.126e4	1.226e4	5.936e2	7.935e2	0.75	NO	1.387e3	0.33156	0.33156	0.0589
12	2,3,7,8-TCDF	25.77	6.004e4	8.071e4	3.797e3	5.205e3	0.73	NO	9.002e3	2.1518	2.1518	0.0589
13	Total Tetra-Furans	26.07	6.375e3	7.785e3	4.759e2	6.484e2	0.73	NO	1.124e3	0.26873	0.26873	0.0589
14	Total Tetra-Furans	27.25	2.133e3	3.047e3	1.427e2	2.046e2	0.70	NO	0.000e0	0.00000	0.083033	0.0589
15	Total Tetra-Furans	27.46	2.467e3	2.001e3	1.140e2	1.089e2	1.05	YES	0.000e0	0.00000	0.046084	0.0589
16	Total Tetra-Furans	27.63	6.957e3	5.198e3	3.053e2	3.529e2	0.87	NO	6.581e2	0.15731	0.15731	0.0589

Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1st Func. Penta-Furans	27.24	1.488e5	8.811e4	8.352e3	5.293e3	1.58	NO	1.365e4	2.6954	2.6954	0.0182

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Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.68	8.800e3	5.683e3	5.878e2	3.805e2	1.54	NO	9.682e2	0.19126	0.19126	0.0556
2	Total Penta-Furans	28.85	8.553e4	5.619e4	5.639e3	3.506e3	1.61	NO	9.145e3	1.8063	1.8063	0.0556
3	Total Penta-Furans	29.46	2.866e4	1.676e4	1.668e3	9.365e2	1.78	NO	2.604e3	0.51447	0.51447	0.0556
4	Total Penta-Furans	29.61	1.512e4	1.183e4	7.513e2	5.679e2	1.32	NO	1.319e3	0.26060	0.26060	0.0556
5	1,2,3,7,8-PeCDF	29.83	1.166e5	7.067e4	5.477e3	3.781e3	1.45	NO	9.258e3	1.7756	1.7756	0.0550
6	Total Penta-Furans	30.07	4.387e4	3.195e4	2.479e3	1.602e3	1.55	NO	4.080e3	0.80594	0.80594	0.0556
7	2,3,4,7,8-PeCDF	30.88	8.668e4	5.746e4	3.309e3	2.320e3	1.43	NO	5.629e3	1.0250	1.0250	0.0503
8	Total Penta-Furans	30.90	5.707e4	4.612e4	1.036e3	7.036e2	1.47	NO	1.739e3	0.34356	0.34356	0.0556

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.19	2.563e4	2.070e4	1.262e3	1.086e3	1.16	NO	2.348e3	0.73237	0.73237	0.106
2	Total Hexa-Furans	32.37	1.030e5	8.516e4	4.980e3	3.927e3	1.27	NO	8.907e3	2.7788	2.7788	0.106
3	Total Hexa-Furans	32.99	2.227e5	1.871e5	1.079e4	9.048e3	1.19	NO	1.984e4	6.1881	6.1881	0.106
4	1,2,3,4,7,8-HxCDF	33.46	1.038e5	7.829e4	5.483e3	4.297e3	1.28	NO	9.780e3	2.9570	2.9570	0.0957
5	1,2,3,6,7,8-HxCDF	33.59	3.474e4	2.066e4	1.666e3	1.203e3	1.39	NO	2.869e3	0.82970	0.82970	0.0934
6	2,3,4,6,7,8-HxCDF	34.28	1.648e4	1.178e4	9.235e2	7.135e2	1.29	NO	1.637e3	0.51923	0.51923	0.108
7	1,2,3,7,8,9-HxCDF	35.30	1.406e4	8.975e3	5.832e2	4.191e2	1.39	NO	1.002e3	0.35326	0.35326	0.131
8	Total Hexa-Furans	35.31	9.500e3	8.539e3	3.145e2	2.880e2	1.09	NO	6.025e2	0.18797	0.18797	0.106

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,4,6,7,8-HpCDF	36.86	1.553e5	1.601e5	1.209e4	1.221e4	0.99	NO	2.429e4	10.651	10.651	0.209
2	Total Hepta-Furans	37.57	6.002e5	5.930e5	3.939e4	3.974e4	0.99	NO	7.913e4	38.392	38.392	0.211
3	1,2,3,4,7,8,9-HpCDF	38.84	1.859e4	1.694e4	1.064e3	1.052e3	1.01	NO	2.116e3	1.0238	1.0238	0.191

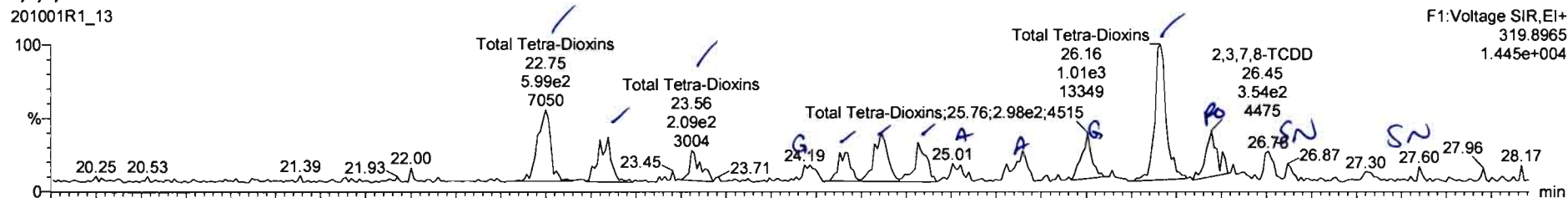
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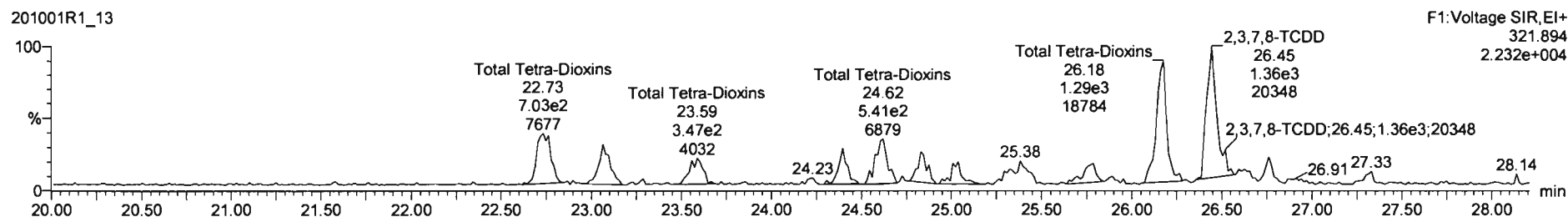
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2,3,7,8-TCDD

201001R1_13



201001R1_13

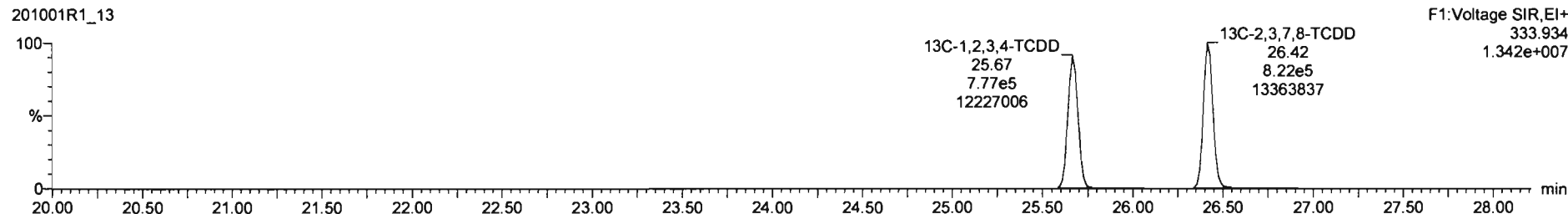


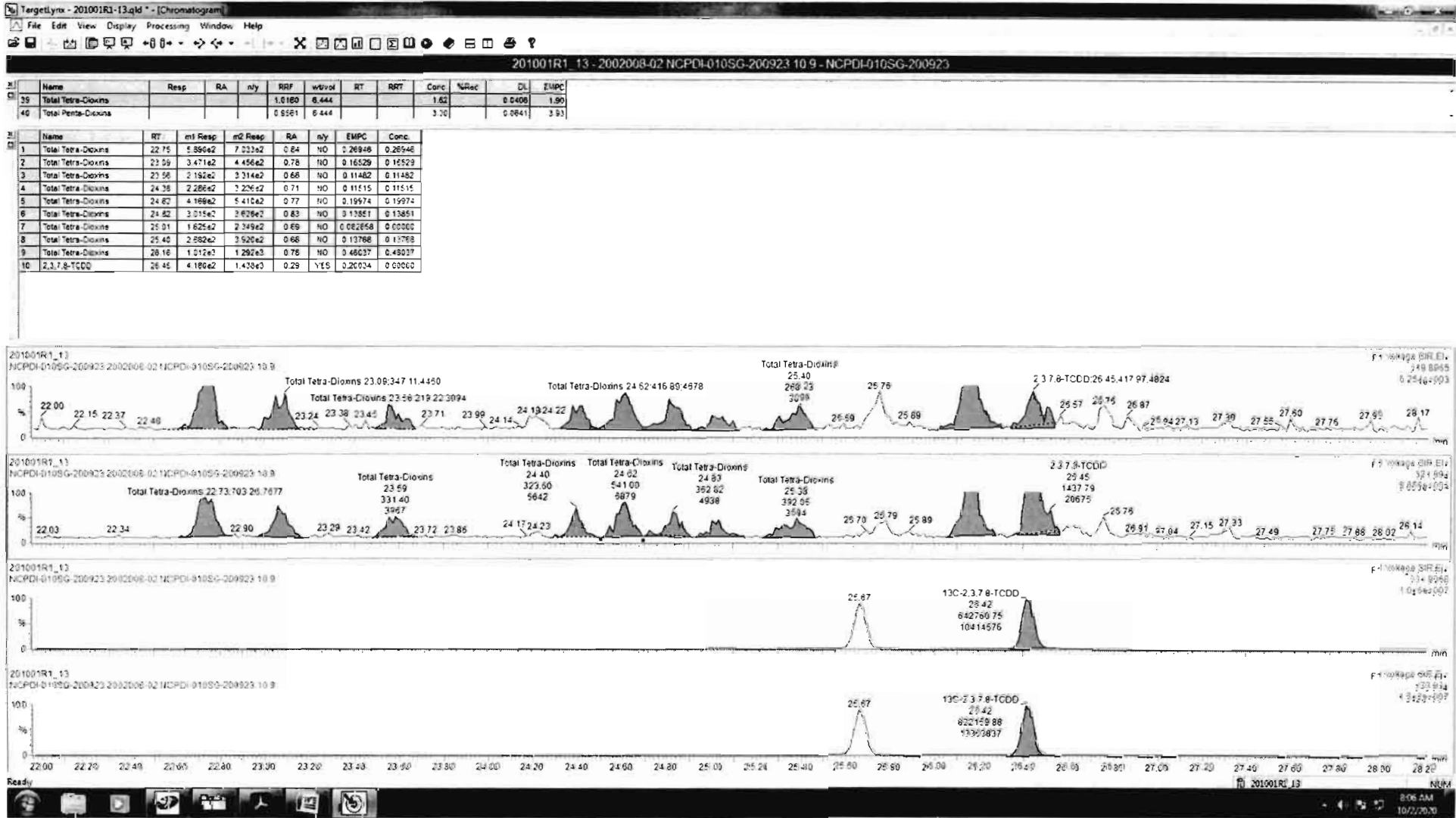
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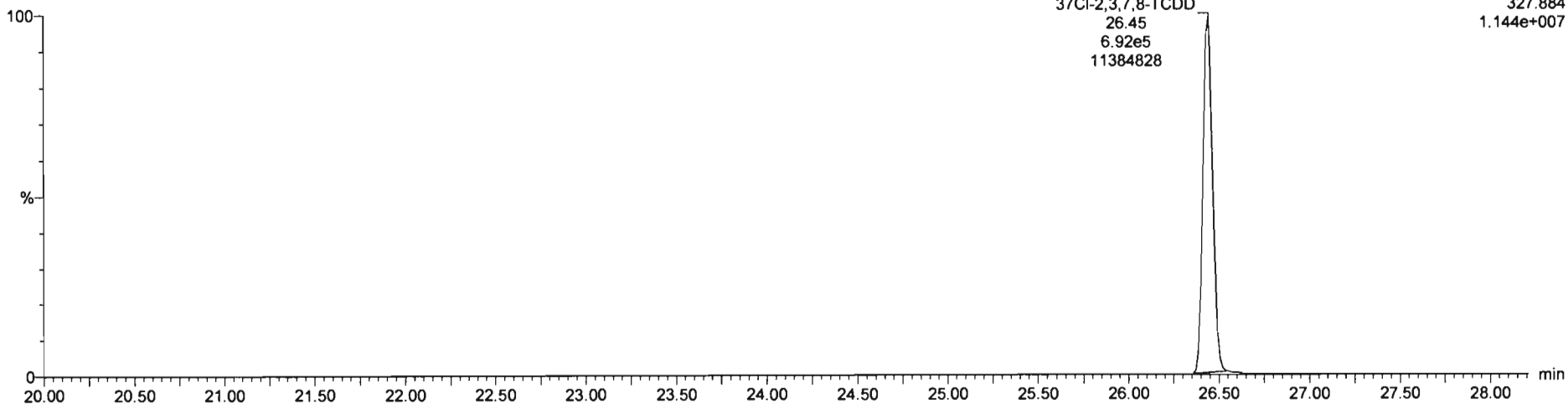
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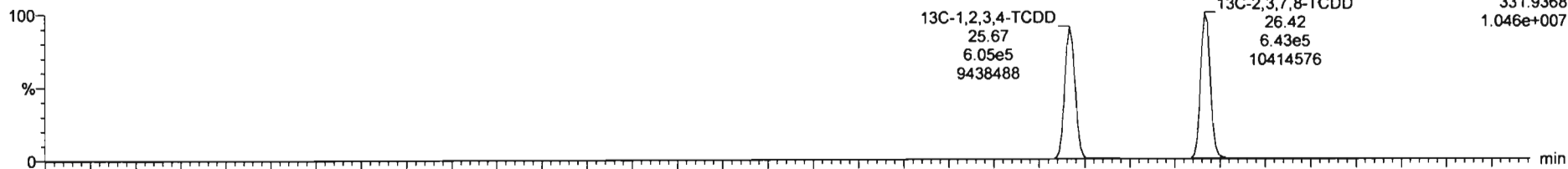
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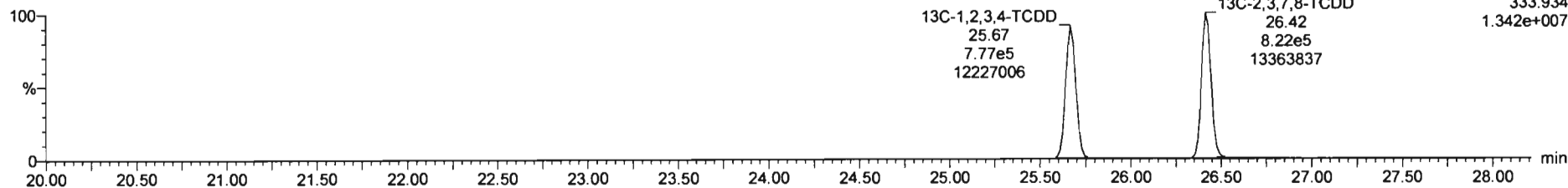


13C-1,2,3,4-TCDD

201001R1_13



201001R1_13



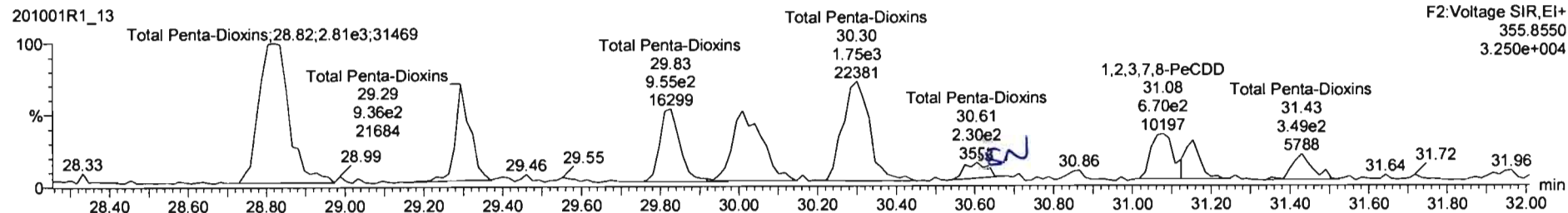
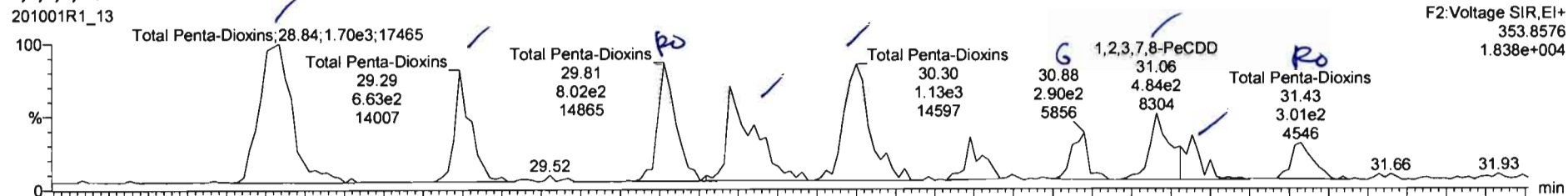
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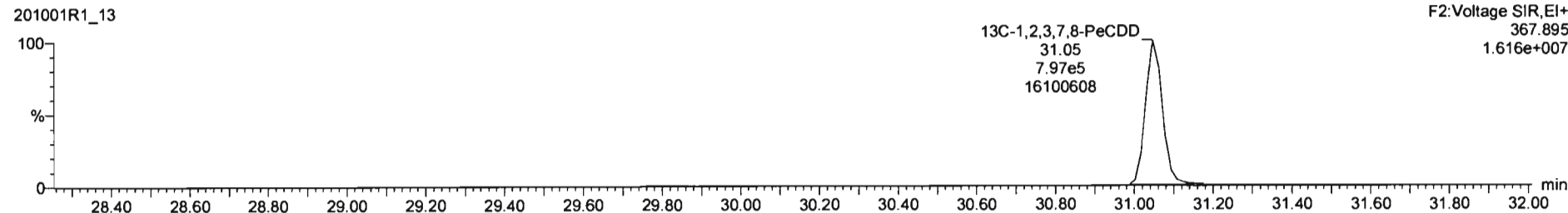
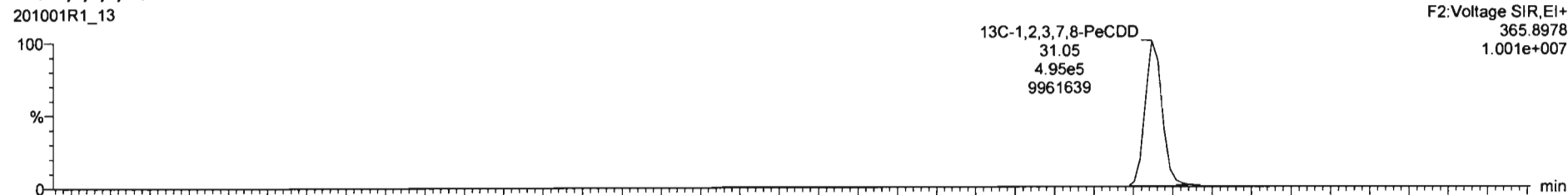
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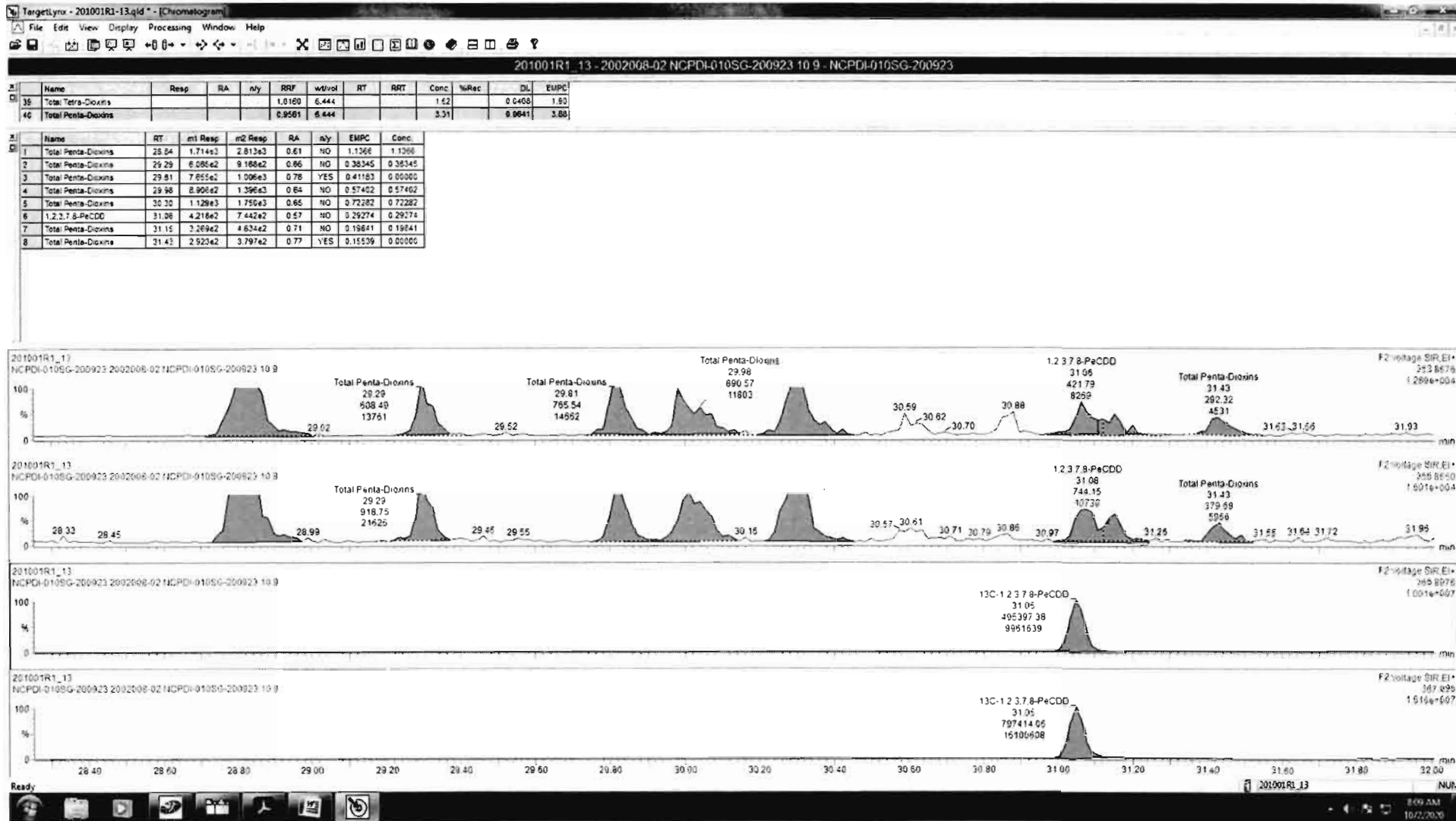
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1,2,3,7,8-PeCDD



13C-1,2,3,7,8-PeCDD



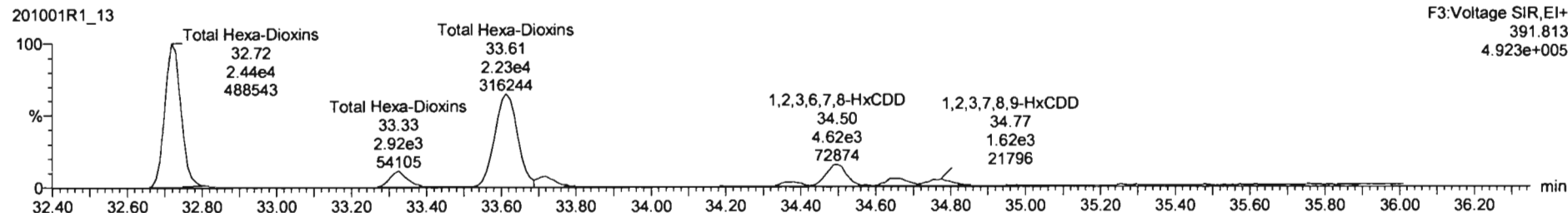
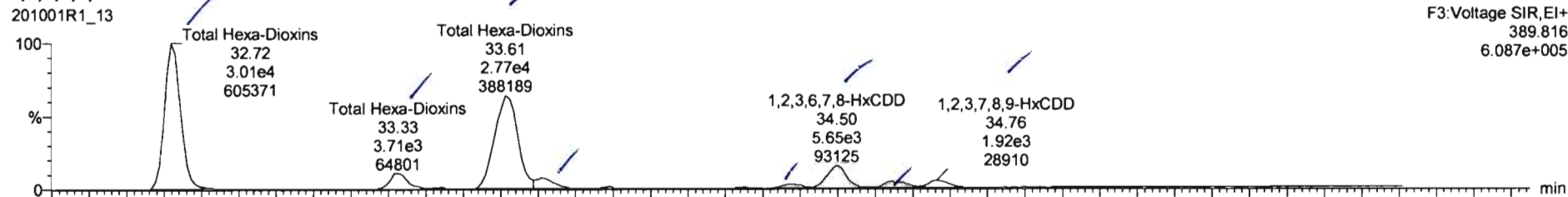


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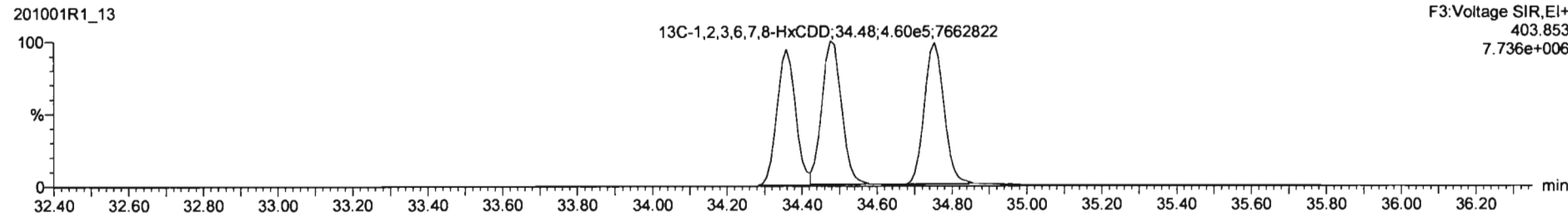
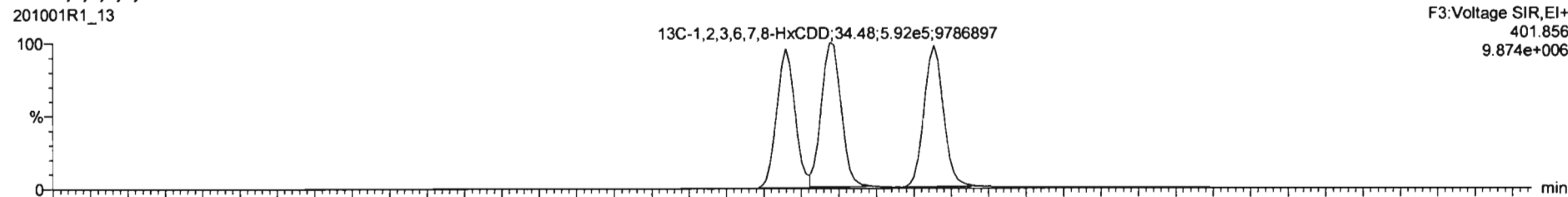
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1,2,3,4,7,8-HxCDD



13C-1,2,3,4,7,8-HxCDD



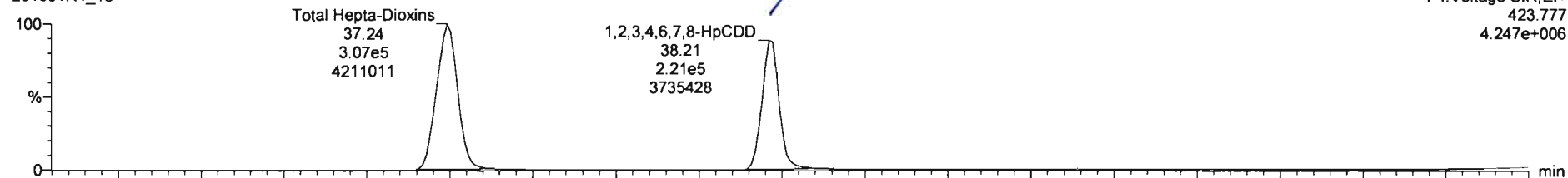
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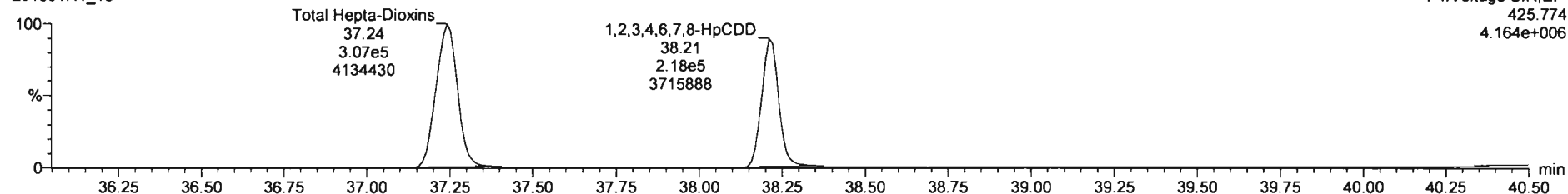
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1,2,3,4,6,7,8-HpCDD

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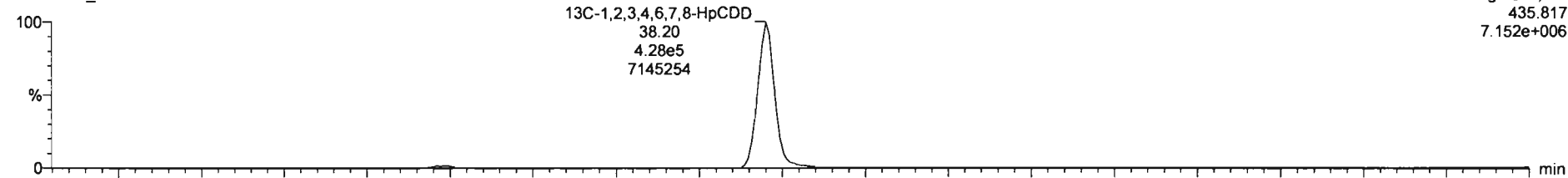


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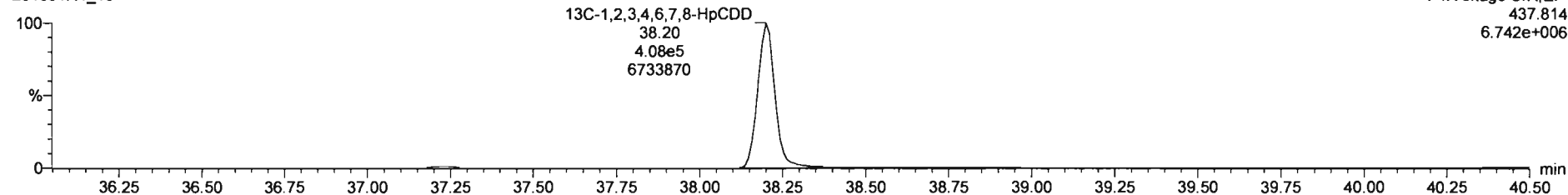


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201001R1_13



201001R1_13



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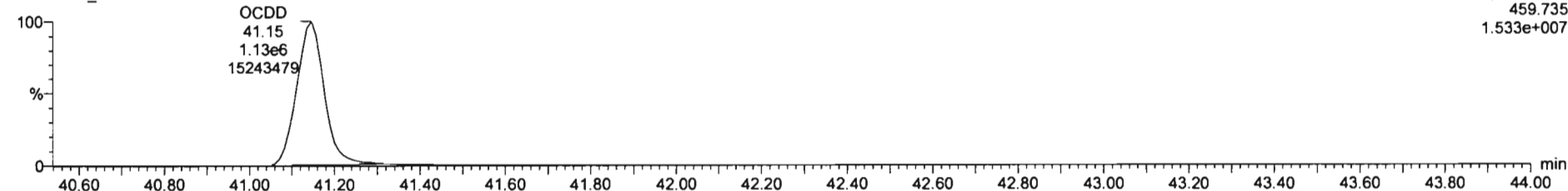
OCDD

201001R1_13



F5:Voltage SIR, EI+
457.738
1.349e+007

201001R1_13



F5:Voltage SIR, EI+
459.735
1.533e+007

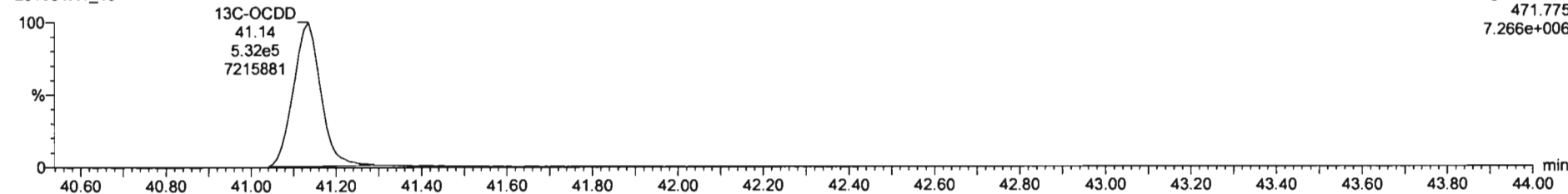
13C-OCDD

201001R1_13



F5:Voltage SIR, EI+
469.778
6.330e+006

201001R1_13



F5:Voltage SIR, EI+
471.775
7.266e+006

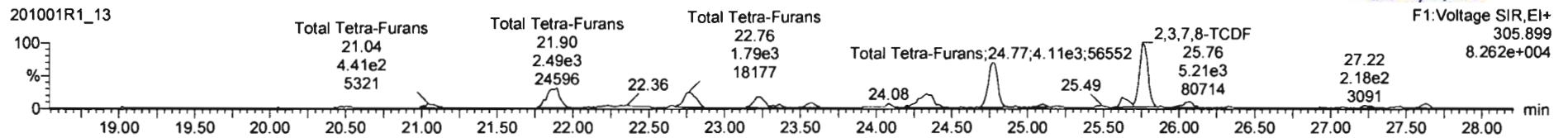
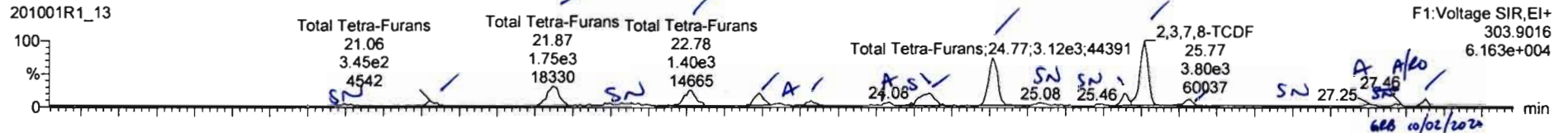
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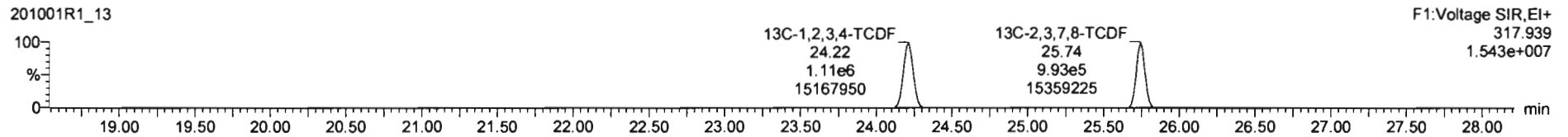
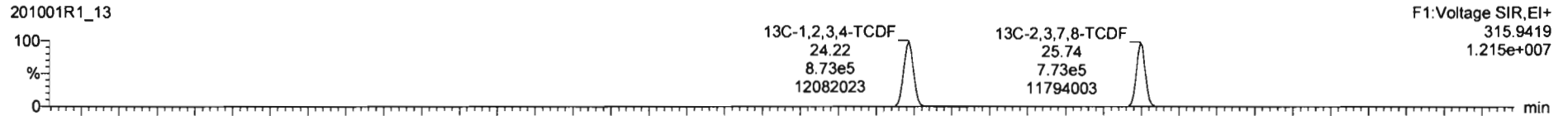
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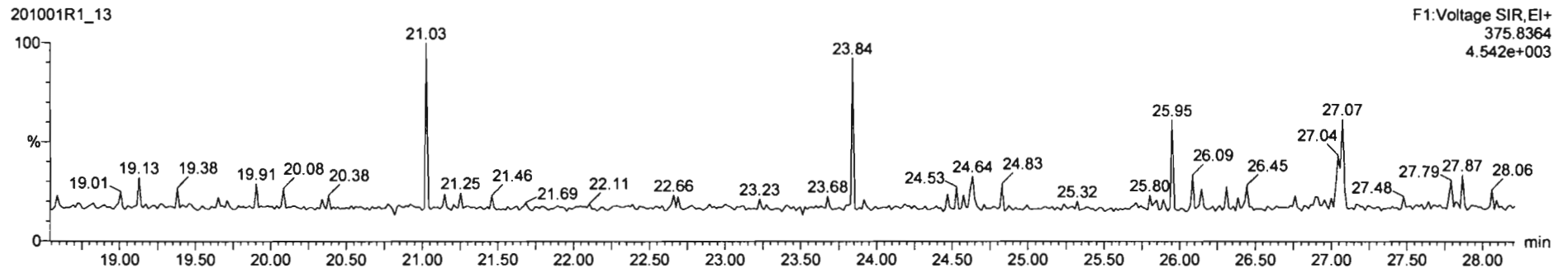
2,3,7,8-TCDF

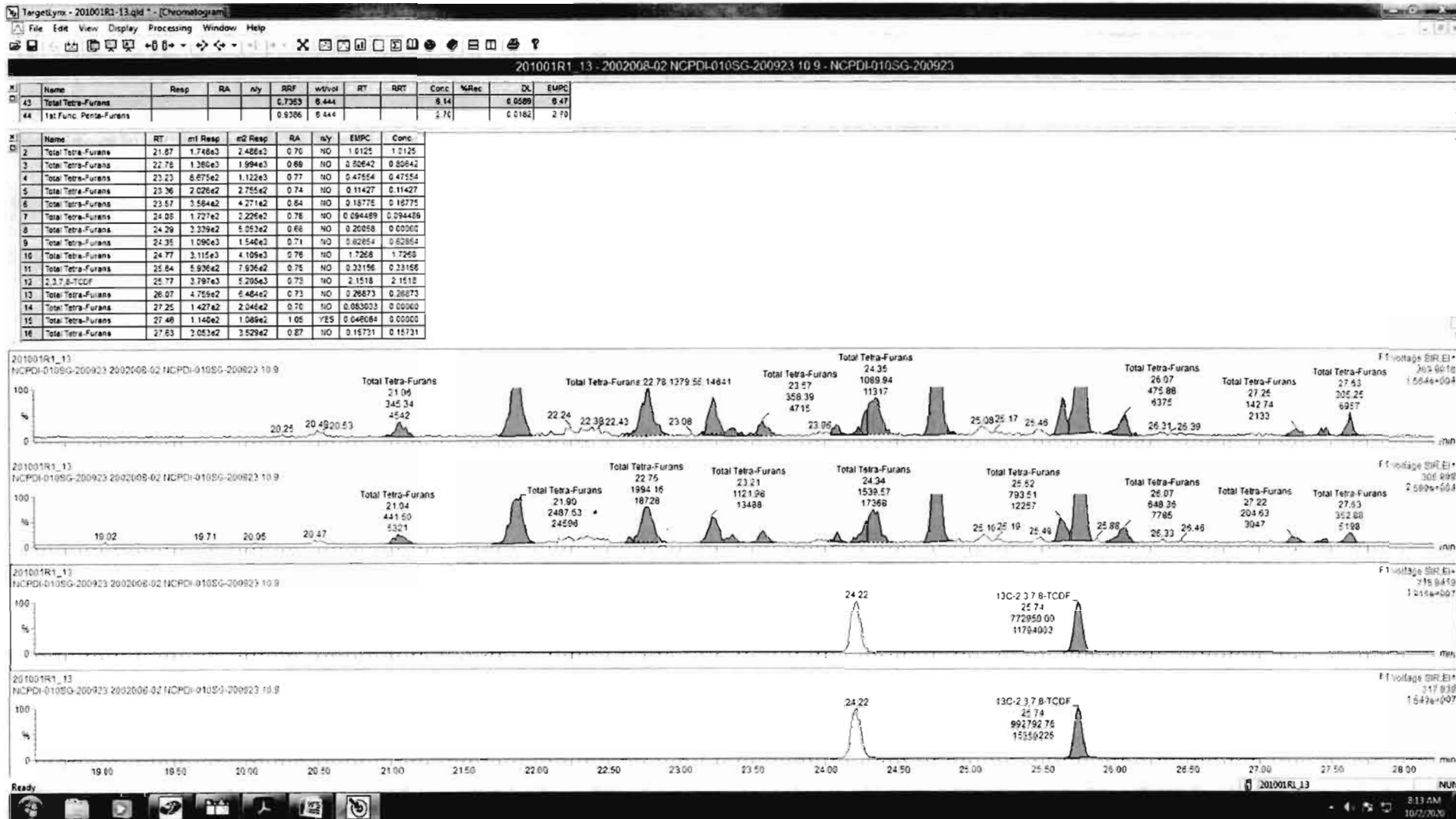


13C-2,3,7,8-TCDF



DPE1





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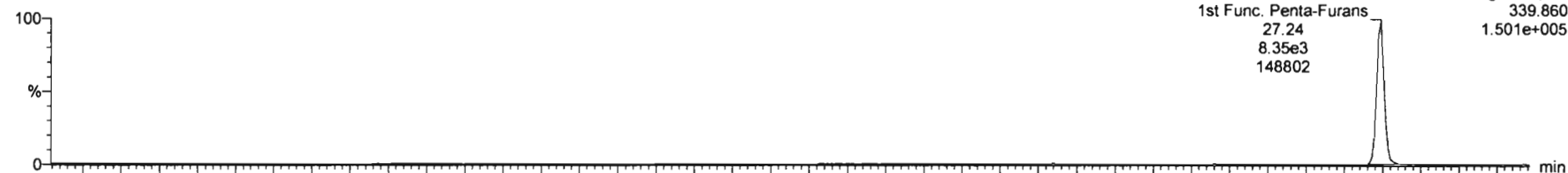
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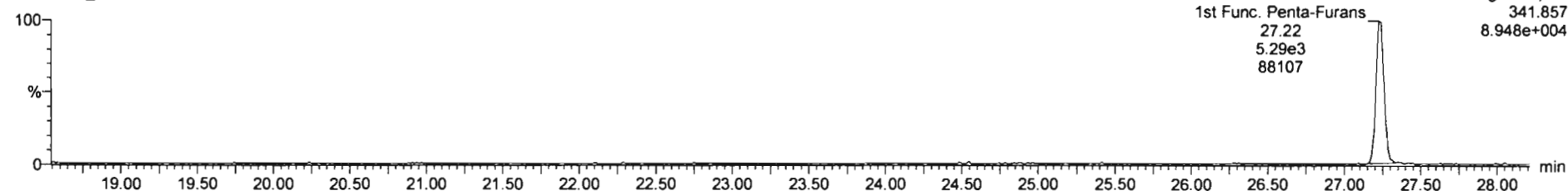
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1st Func. Penta-Furans

201001R1_13

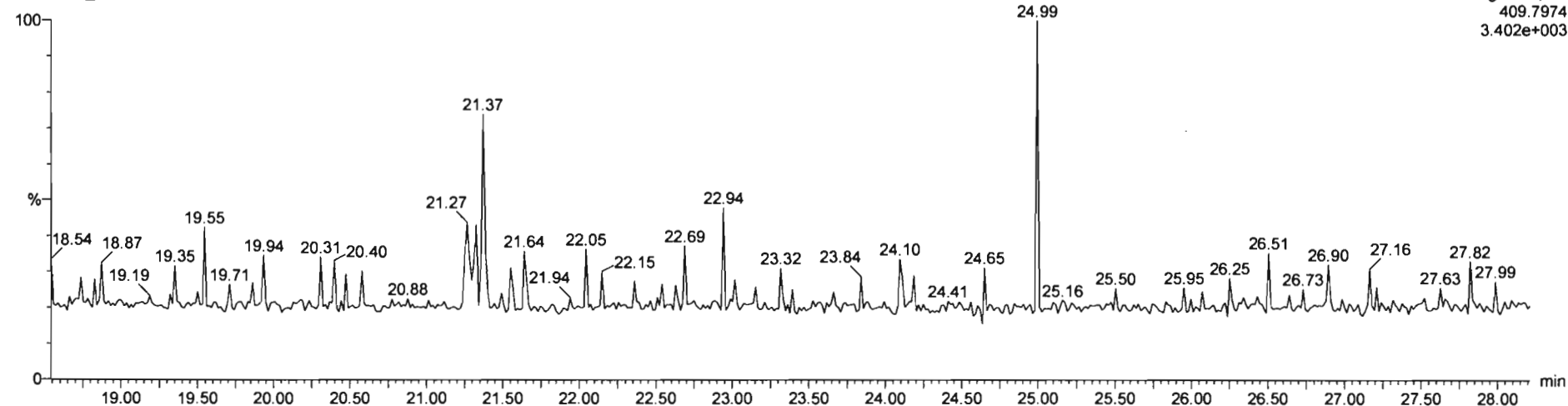


201001R1_13



DPE6

201001R1_13



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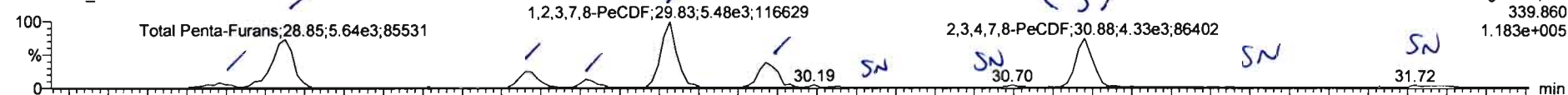
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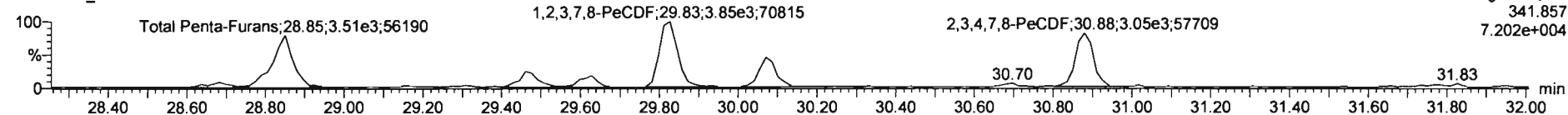
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1,2,3,7,8-PeCDF

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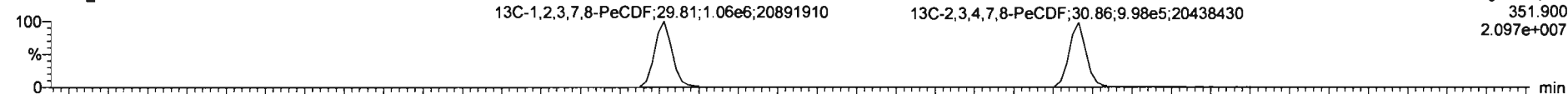


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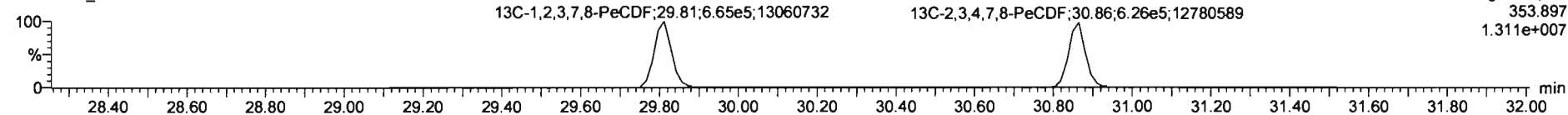


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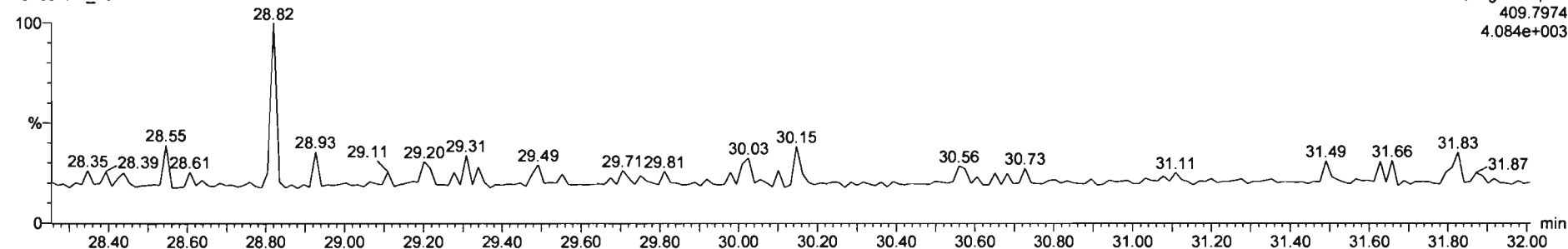


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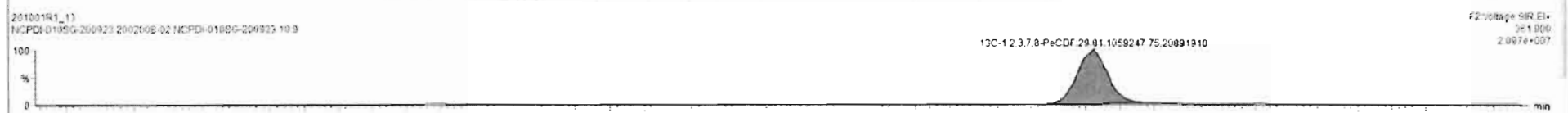
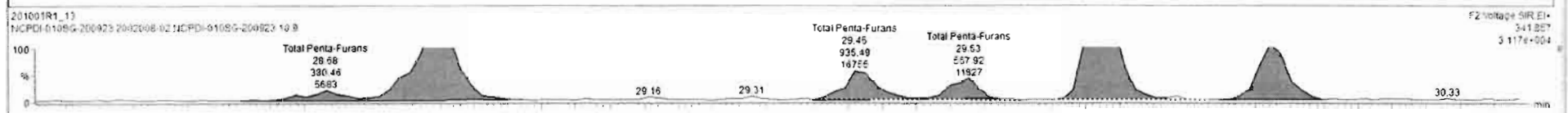
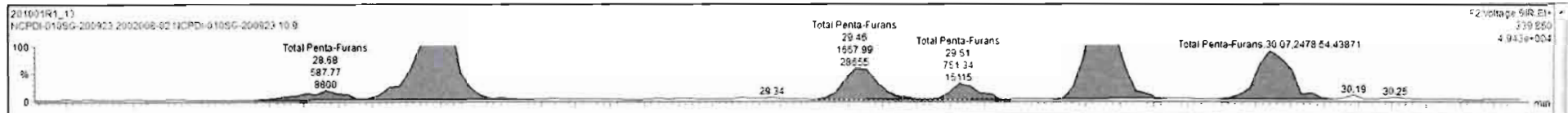
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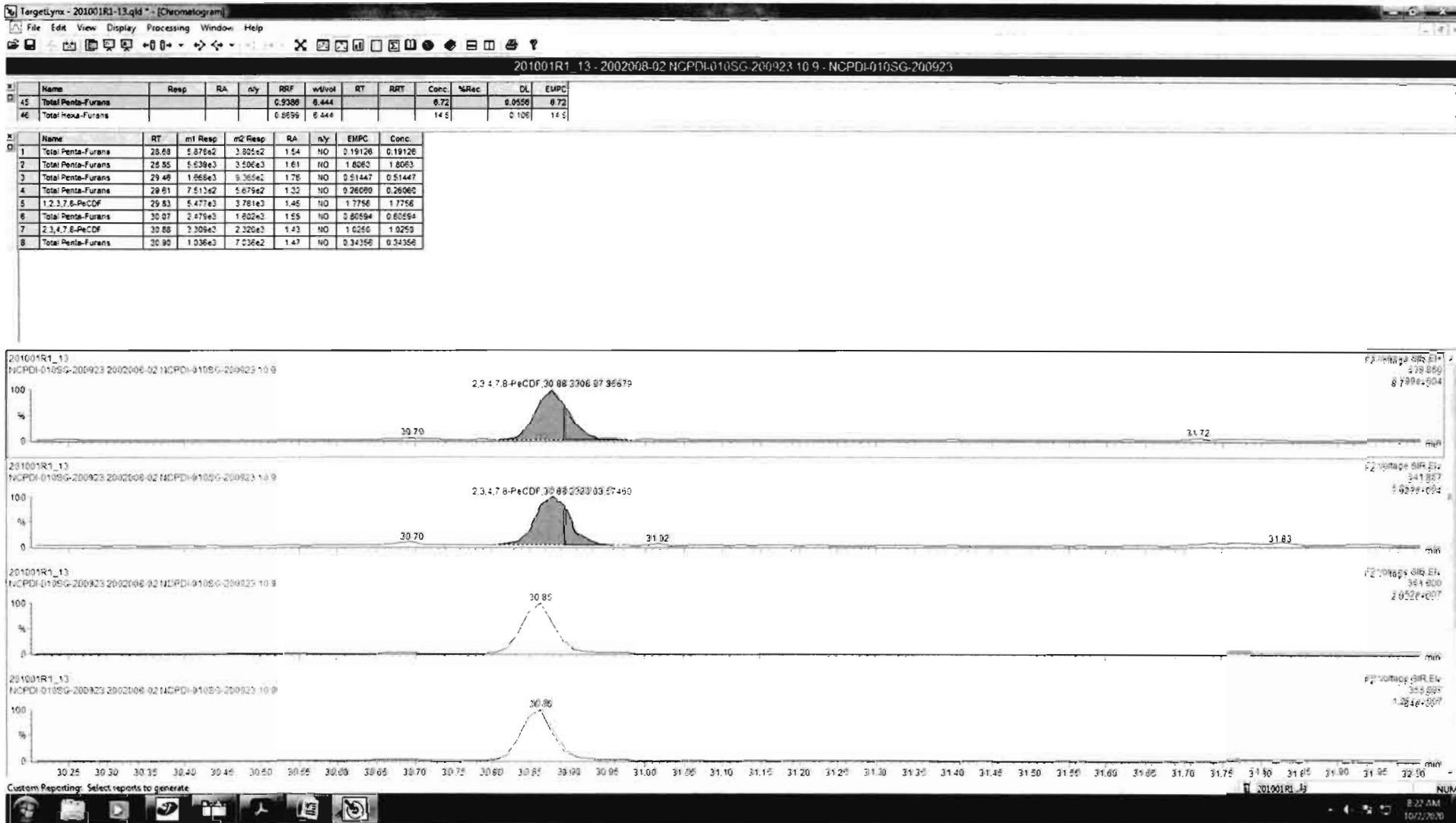
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Name	Resp	RA	n/y	RRF	wtdvol	RT	RRT	Conc	NRec	DL	EMPC
45 Total Penta-Furans				0.9389	6.444			6.70		0.0556	6.70
46 Total Hexa-Furans				0.8699	6.444			14.5		0.106	14.5

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1 Total Penta-Furans	29.68	5.87e2	3.805e2	1.54	NO	3.19128	0.19128
2 Total Penta-Furans	29.55	5.638e3	3.506e3	1.61	NO	1.8062	1.2063
3 Total Penta-Furans	29.48	1.668e3	9.365e2	1.78	NO	0.51447	0.51447
4 Total Penta-Furans	29.61	7.512e2	5.679e2	1.32	NO	0.26090	0.26060
5 1,2,3,7,8-PeCDF	29.53	5.477e3	3.781e3	1.45	NO	1.7756	1.7756
6 Total Penta-Furans	30.07	2.479e3	1.602e3	1.65	NO	0.86594	0.86594
7 2,3,4,7,8-PeCDF	30.58	4.234e3	3.051e3	1.42	NO	1.3448	1.3448





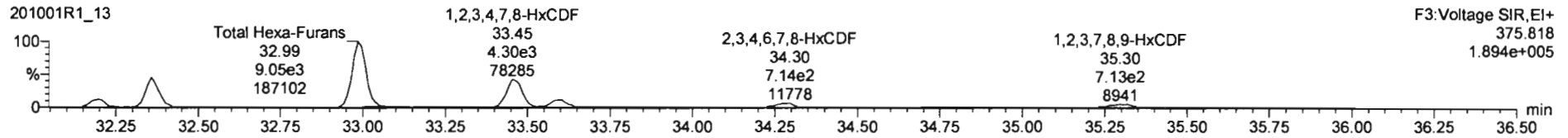
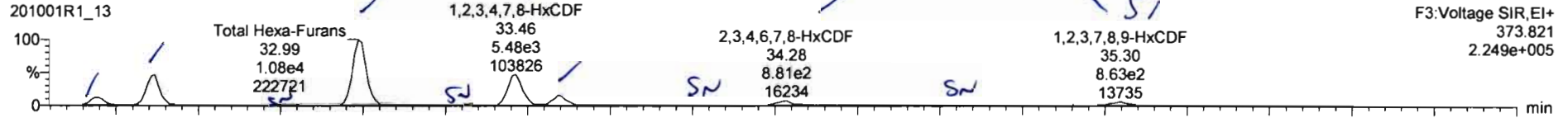
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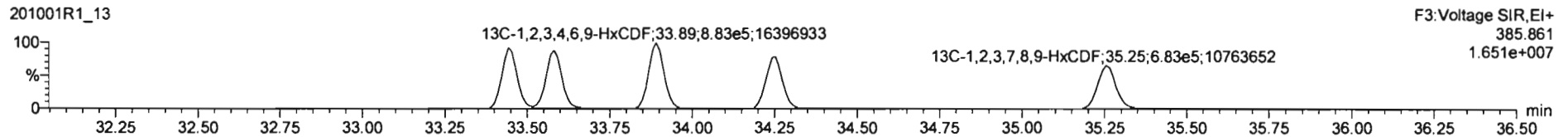
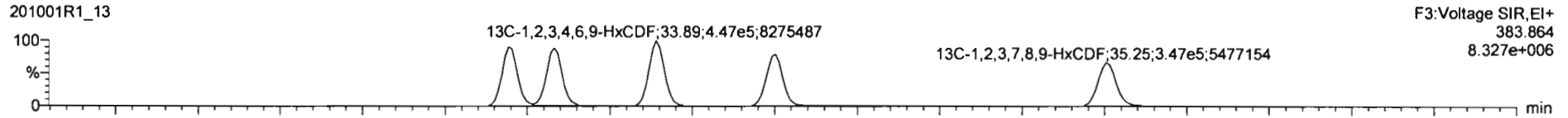
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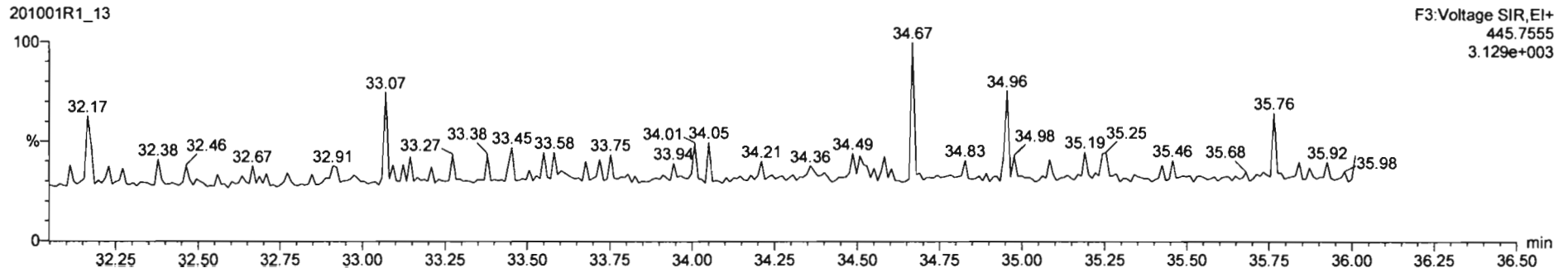
1,2,3,4,7,8-HxCDF

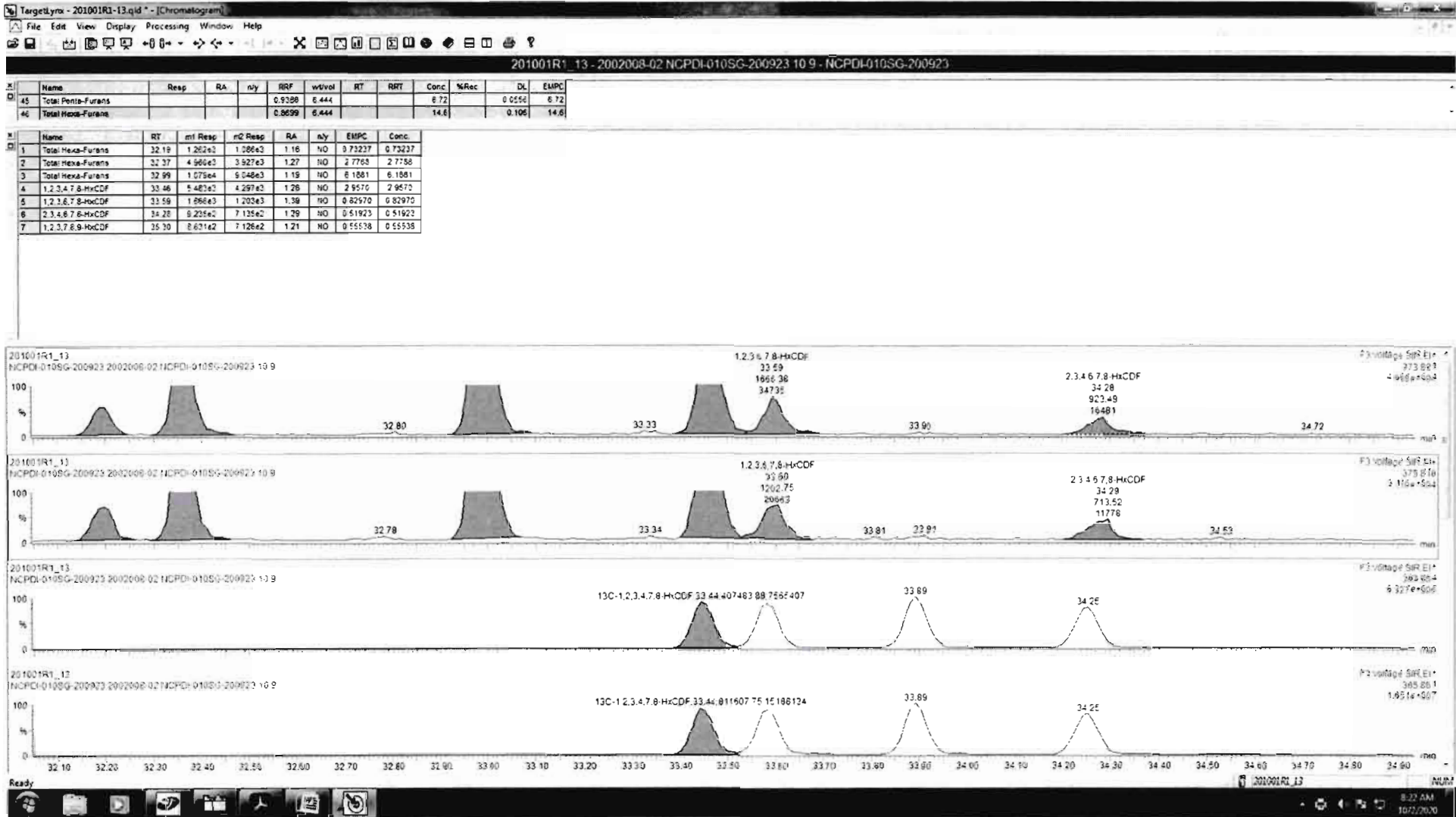


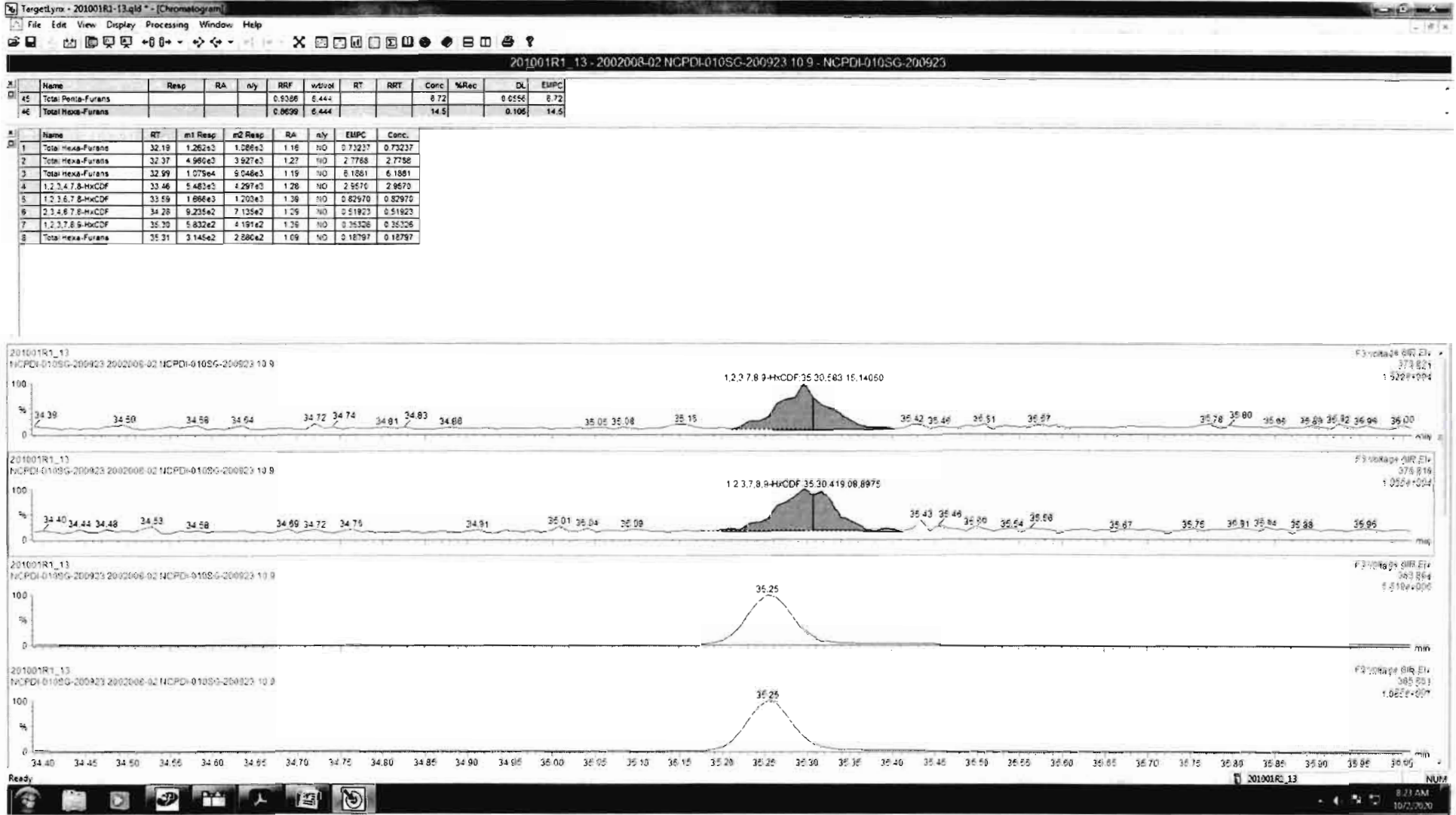
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DPE3





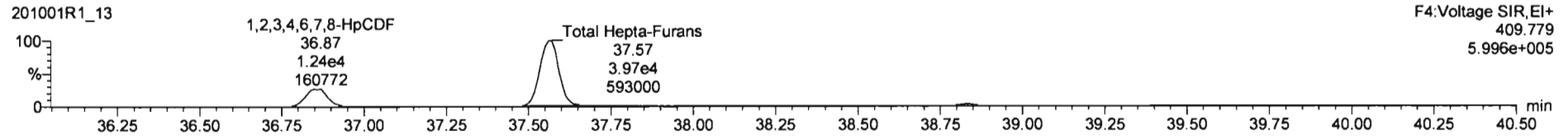
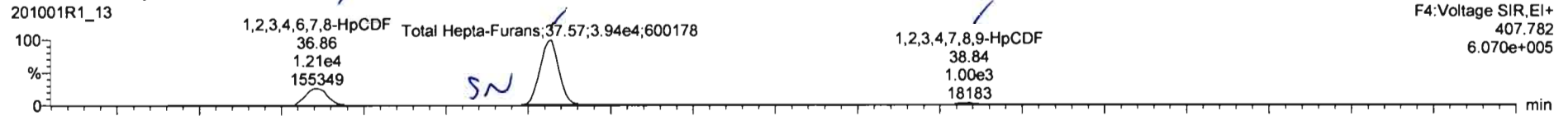


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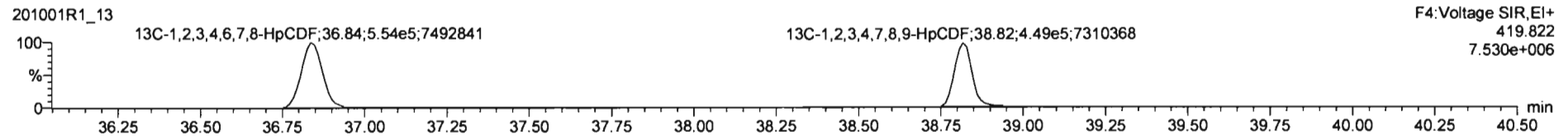
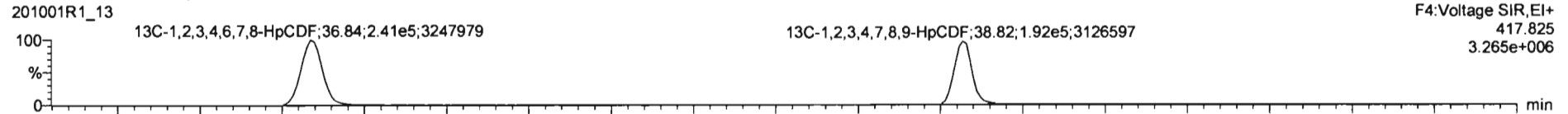
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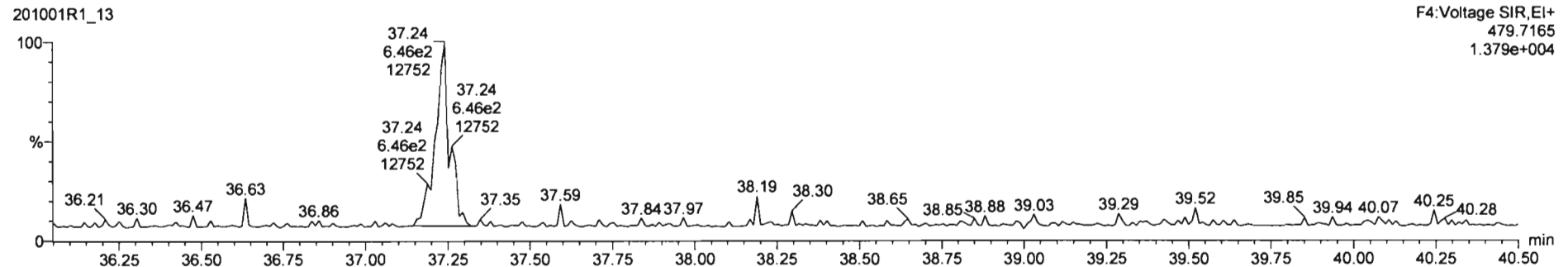
1,2,3,4,6,7,8-HpCDF

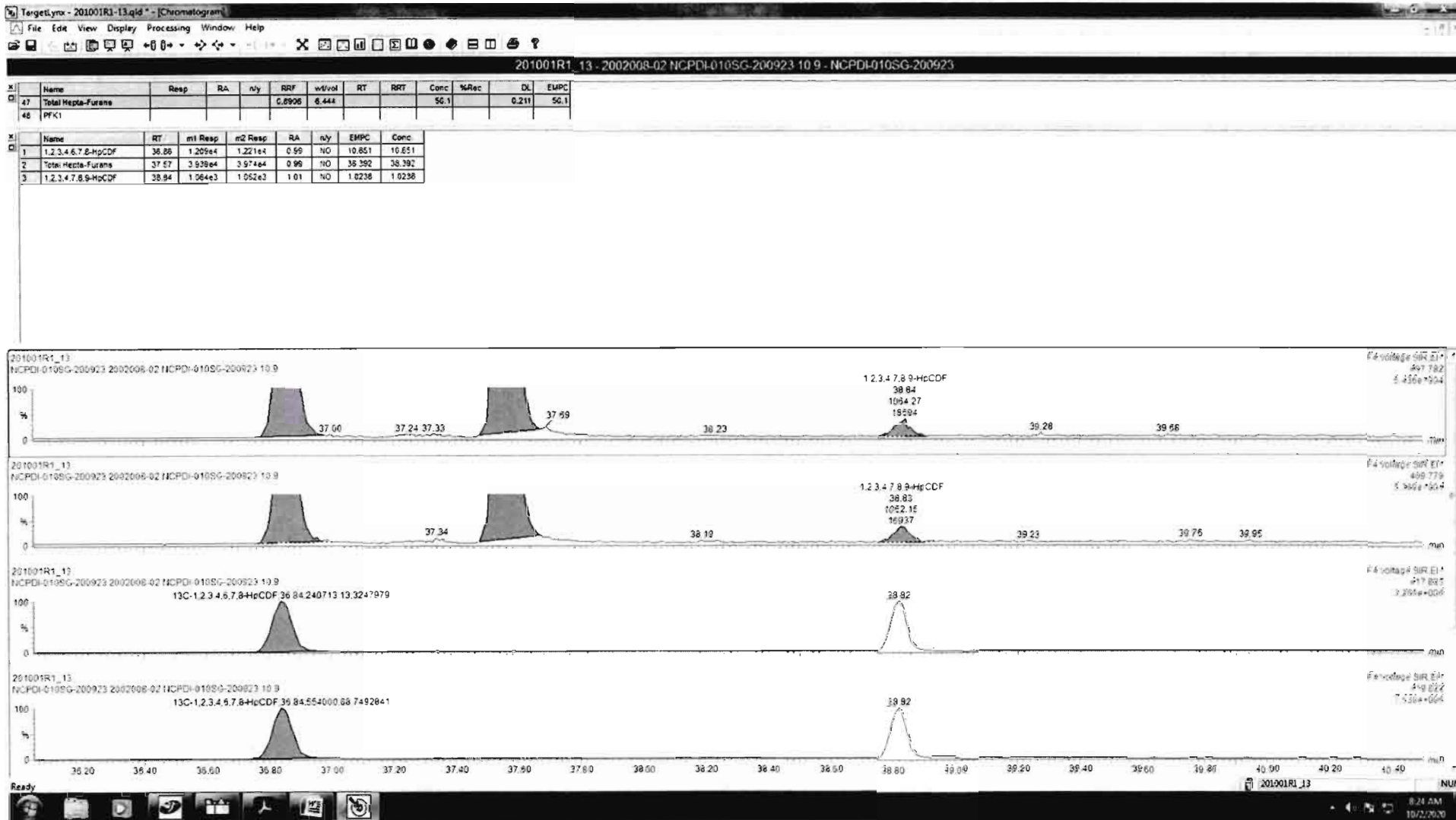


13C-1,2,3,4,6,7,8-HpCDF



DPE4



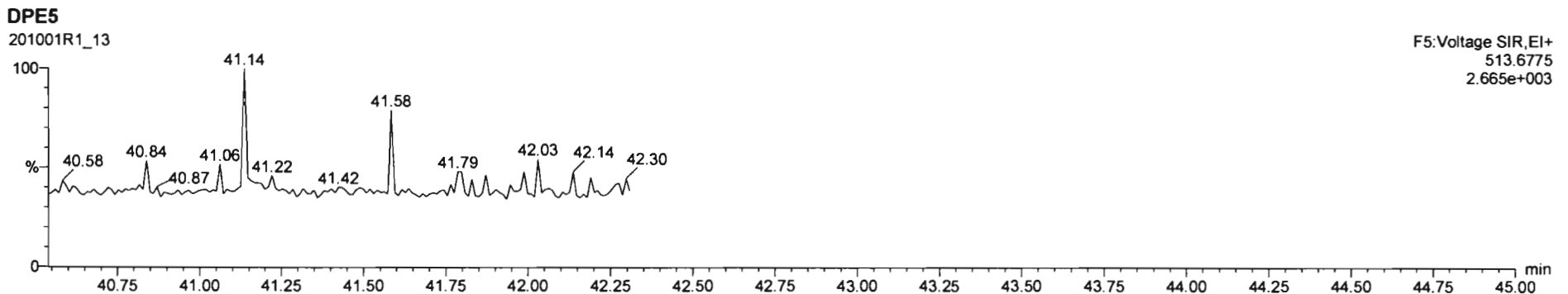
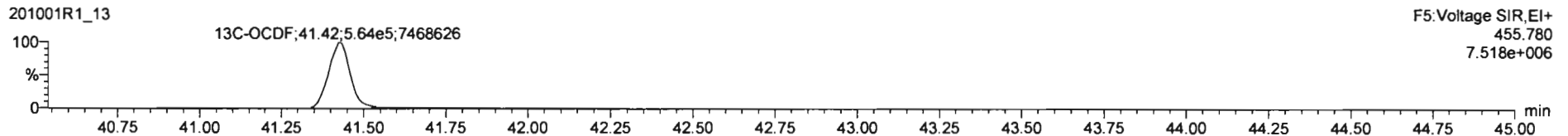
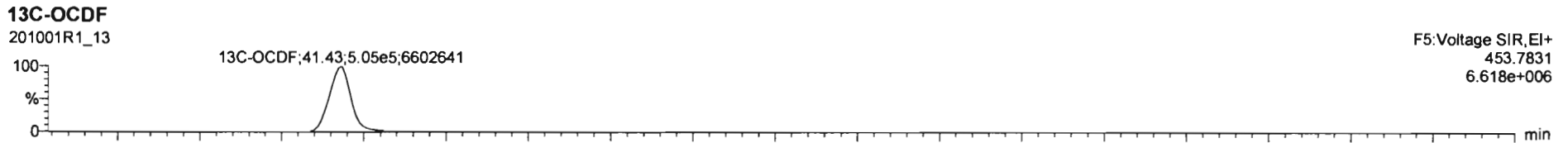
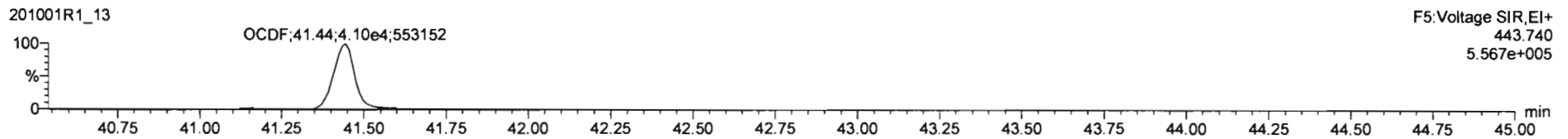
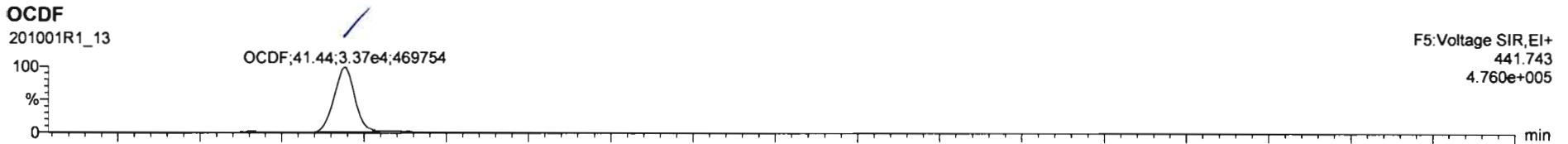


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Printed: Friday, October 02, 2020 6:46:11 AM Pacific Daylight Time

Name: 201001R1_13, Date: 01-Oct-2020, Time: 18:17:33, ID: 2002008-02 NCPDI-010SG-200923 10.9, Description: NCPDI-010SG-200923

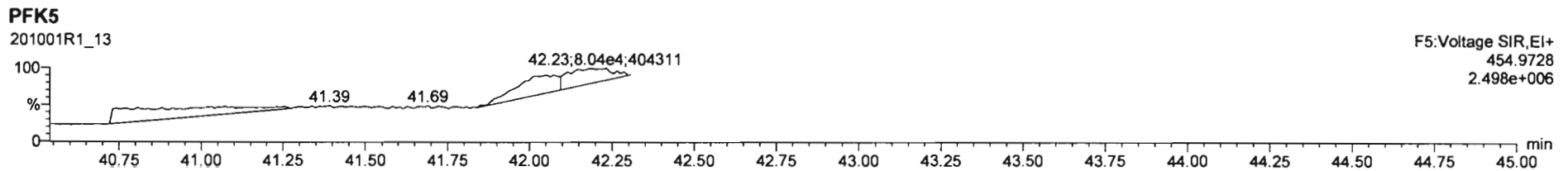
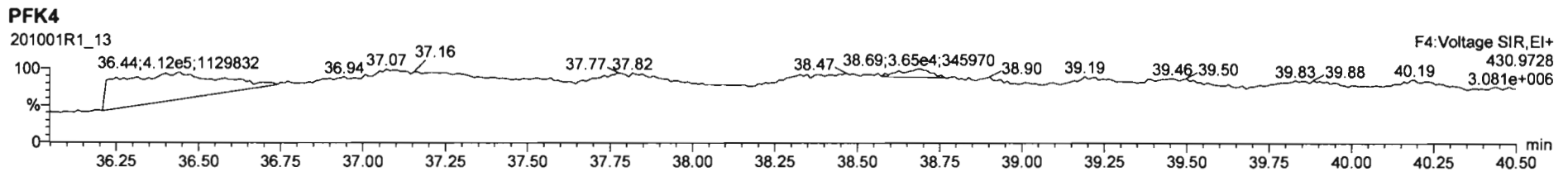
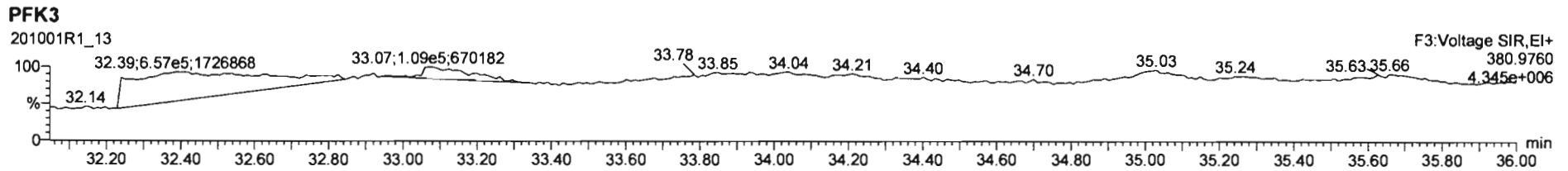
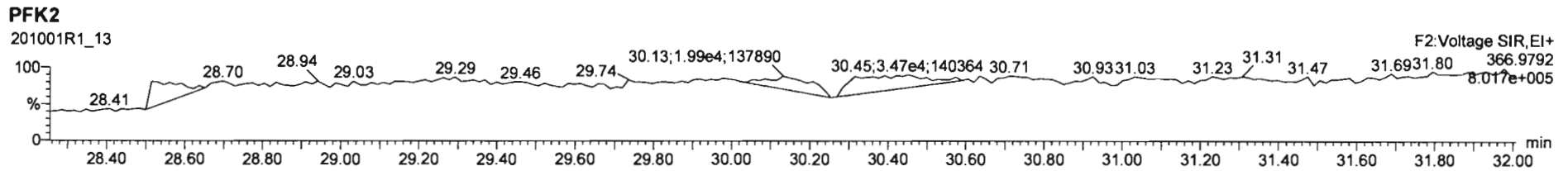
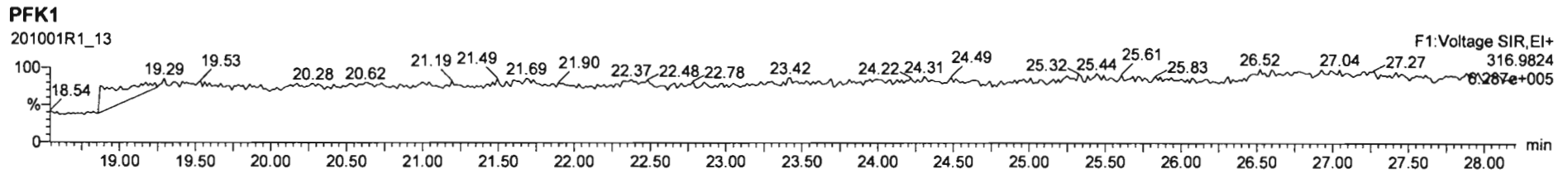


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Name: 201001R1_13, Date: 01-Oct-2020, Time: 18:17:33, ID: 2002008-02 NCPDI-010SG-200923 10.9, Description: NCPDI-010SG-200923



Dataset: U:\VG12.PRO\Results\201001R1\201001R1-14.qld

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GPB 10/02/2020

Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

CT 10/02/2020

Name: 201001R1_14, Date: 01-Oct-2020, Time: 19:01:13, ID: 2002008-03 NCPDI-015SG-200923 10.11, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	1.56e3	0.21	YES	1.02	5.816	26.463	26.46	1.001	1.001	0.36880		0.0524	0.147
2	2 1,2,3,7,8-PeCDD	7.31e2	0.78	YES	0.956	5.816	31.085	31.06	1.001	1.000	0.20400		0.0823	0.187
3	3 1,2,3,4,7,8-HxCDD	9.75e2	1.08	NO	1.00	5.816	34.380	34.38	1.000	1.000	0.35458		0.117	0.355
4	4 1,2,3,6,7,8-HxCDD	3.68e3	1.25	NO	0.888	5.816	34.498	34.51	1.000	1.000	1.3541		0.122	1.35
5	5 1,2,3,7,8,9-HxCDD	1.92e3	1.18	NO	0.909	5.816	34.774	34.78	1.000	1.001	0.70672		0.123	0.707
6	6 1,2,3,4,6,7,8-HpCDD	7.10e4	1.02	NO	0.832	5.816	38.222	38.22	1.000	1.000	34.232		0.431	34.2
7	7 OCDD	4.93e5	0.87	NO	0.862	5.816	41.158	41.18	1.000	1.001	329.61		0.401	330
8	8 2,3,7,8-TCDF	1.55e5	0.74	NO	0.735	5.816	25.770	25.77	1.000	1.001	41.261		0.0813	41.3
9	9 1,2,3,7,8-PeCDF	1.18e5	1.58	NO	0.939	5.816	29.848	29.84	1.001	1.001	25.799		0.129	25.8
10	10 2,3,4,7,8-PeCDF	6.91e4	1.57	NO	1.05	5.816	30.880	30.90	1.000	1.000	14.583		0.132	14.6
11	11 1,2,3,4,7,8-HxCDF	3.50e4	1.23	NO	0.842	5.816	33.464	33.47	1.000	1.000	12.270		0.0999	12.3
12	12 1,2,3,6,7,8-HxCDF	8.58e3	1.22	NO	0.894	5.816	33.602	33.61	1.000	1.001	2.8587		0.0942	2.86
13	13 2,3,4,6,7,8-HxCDF	4.58e3	1.19	NO	0.870	5.816	34.284	34.28	1.001	1.001	1.6391		0.108	1.64
14	14 1,2,3,7,8,9-HxCDF	3.83e3	1.23	NO	0.855	5.816	35.296	35.32	1.001	1.001	1.5312		0.135	1.53
15	15 1,2,3,4,6,7,8-HpCDF	1.65e4	1.01	NO	0.891	5.816	36.895	36.87	1.001	1.000	7.8034		0.162	7.80
16	16 1,2,3,4,7,8,9-HpCDF	1.91e3	0.97	NO	1.00	5.816	38.829	38.84	1.000	1.000	0.98678		0.142	0.987
17	17 OCDF	2.91e4	0.84	NO	0.784	5.816	41.456	41.48	1.000	1.001	20.313		0.205	20.3
18	18 13C-2,3,7,8-TCDD	1.43e6	0.78	NO	1.15	5.816	26.420	26.43	1.029	1.029	306.46	89.1	0.172	
19	19 13C-1,2,3,7,8-PeCDD	1.29e6	0.63	NO	0.887	5.816	31.012	31.06	1.207	1.209	357.57	104	0.272	
20	20 13C-1,2,3,4,7,8-HxCDD	9.44e5	1.29	NO	0.801	5.816	34.372	34.37	1.014	1.014	323.88	94.2	0.492	
21	21 13C-1,2,3,6,7,8-HxCDD	1.05e6	1.27	NO	0.892	5.816	34.501	34.50	1.018	1.018	324.24	94.3	0.442	
22	22 13C-1,2,3,7,8,9-HxCDD	1.03e6	1.25	NO	0.882	5.816	34.762	34.76	1.025	1.025	319.49	92.9	0.446	
23	23 13C-1,2,3,4,6,7,8-HpCDD	8.57e5	1.04	NO	0.719	5.816	38.196	38.21	1.127	1.127	327.71	95.3	0.776	
24	24 13C-OCDD	1.19e6	0.89	NO	0.563	5.816	41.125	41.16	1.213	1.214	582.80	84.7	0.923	
25	25 13C-2,3,7,8-TCDF	1.76e6	0.77	NO	1.01	5.816	25.763	25.76	1.003	1.003	303.67	88.3	0.269	
26	26 13C-1,2,3,7,8-PeCDF	1.67e6	1.59	NO	0.814	5.816	29.772	29.83	1.159	1.161	358.03	104	0.472	
27	27 13C-2,3,4,7,8-PeCDF	1.55e6	1.59	NO	0.768	5.816	30.809	30.88	1.200	1.202	351.77	102	0.500	
28	28 13C-1,2,3,4,7,8-HxCDF	1.17e6	0.51	NO	0.993	5.816	33.450	33.46	0.987	0.987	322.85	93.9	0.661	
29	29 13C-1,2,3,6,7,8-HxCDF	1.15e6	0.51	NO	0.990	5.816	33.593	33.59	0.991	0.991	320.41	93.2	0.663	
30	30 13C-2,3,4,6,7,8-HxCDF	1.10e6	0.51	NO	0.944	5.816	34.260	34.26	1.011	1.011	321.34	93.4	0.695	
31	31 13C-1,2,3,7,8,9-HxCDF	1.01e6	0.51	NO	0.842	5.816	35.277	35.28	1.041	1.041	328.41	95.5	0.780	

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Name: 201001R1_14, Date: 01-Oct-2020, Time: 19:01:13, ID: 2002008-03 NCPDI-015SG-200923 10.11, Description: NCPDI-015SG-200923

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	8.15e5	0.43	NO	0.687	5.816	36.867	36.86	1.087	1.087	326.19	94.9	0.851	
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.64e5	0.42	NO	0.555	5.816	38.817	38.83	1.145	1.145	329.04	95.7	1.05	
34	34 13C-OCDF	1.26e6	0.87	NO	0.608	5.816	41.407	41.46	1.221	1.223	567.78	82.6	0.618	
35	35 37Cl-2,3,7,8-TCDD	6.81e5			1.18	5.816	26.451	26.46	1.030	1.030	142.16	103	0.0490	
36	36 13C-1,2,3,4-TCDD	1.40e6	0.78	NO	1.00	5.816	25.740	25.68	1.000	1.000	343.88	100	0.198	
37	37 13C-1,2,3,4-TCDF	1.98e6	0.78	NO	1.00	5.816	24.310	24.23	1.000	1.000	343.88	100	0.272	
38	38 13C-1,2,3,4,6,9-HxCDF	1.25e6	0.51	NO	1.00	5.816	33.920	33.90	1.000	1.000	343.88	100	0.656	
39	39 Total Tetra-Dioxins				1.02	5.816	24.620		0.000		1.2835		0.0534	1.56
40	40 Total Penta-Dioxins				0.956	5.816	29.960		0.000		1.3752		0.0823	1.93
41	41 Total Hexa-Dioxins				0.888	5.816	33.635		0.000		12.158		0.127	12.2
42	42 Total Hepta-Dioxins				0.832	5.816	37.640		0.000		76.570		0.431	76.6
43	43 Total Tetra-Furans				0.735	5.816	23.610		0.000		105.96		0.0813	106
44	44 1st Func. Penta-Furans				0.939	5.816	27.230		0.000		2.5495		0.0208	2.55
45	45 Total Penta-Furans				0.939	5.816	29.275		0.000		83.568		0.138	83.6
46	46 Total Hexa-Furans				0.870	5.816	33.555		0.000		28.525		0.108	29.1
47	47 Total Hepta-Furans				0.891	5.816	37.835		0.000		23.601		0.161	23.6

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-14.qld

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Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_14, Date: 01-Oct-2020, Time: 19:01:13, ID: 2002008-03 NCPDI-015SG-200923 10.11, Description: NCPDI-015SG-200923

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	22.76	5.599e3	9.506e3	4.061e2	5.606e2	0.72	NO	9.667e2	0.22806	0.22806	0.0534
2	Total Tetra-Dioxins	23.08	2.467e3	4.223e3	2.544e2	3.471e2	0.73	NO	6.015e2	0.14189	0.14189	0.0534
3	Total Tetra-Dioxins	24.43	3.155e3	3.771e3	2.551e2	2.912e2	0.88	NO	0.000e0	0.00000	0.12888	0.0534
4	Total Tetra-Dioxins	24.62	1.561e3	2.741e3	1.513e2	2.125e2	0.71	NO	3.638e2	0.085813	0.085813	0.0534
5	Total Tetra-Dioxins	24.84	3.301e3	2.757e3	1.688e2	1.991e2	0.85	NO	3.679e2	0.086792	0.086792	0.0534
6	Total Tetra-Dioxins	26.18	2.345e4	2.556e4	1.462e3	1.679e3	0.87	NO	3.141e3	0.74097	0.74097	0.0534
7	2,3,7,8-TCDD	26.46	3.867e3	1.935e4	2.711e2	1.292e3	0.21	YES	1.563e3	0.00000	0.14700	0.0534

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.84	9.084e3	1.804e4	6.901e2	1.284e3	0.54	NO	1.974e3	0.55100	0.55100	0.0823
2	Total Penta-Dioxins	29.31	4.215e3	6.546e3	2.462e2	3.413e2	0.72	NO	5.876e2	0.16402	0.16402	0.0823
3	Total Penta-Dioxins	29.83	1.072e4	1.213e4	5.228e2	6.836e2	0.76	YES	0.000e0	0.00000	0.31108	0.0823
4	Total Penta-Dioxins	30.01	6.379e3	1.057e4	4.634e2	8.240e2	0.56	NO	1.287e3	0.35938	0.35938	0.0823
5	Total Penta-Dioxins	30.32	4.437e3	5.912e3	3.111e2	4.298e2	0.72	NO	7.409e2	0.20682	0.20682	0.0823
6	1,2,3,7,8-PeCDD	31.06	6.157e3	9.932e3	3.201e2	4.107e2	0.78	YES	7.308e2	0.00000	0.18686	0.0823
7	Total Penta-Dioxins	31.18	2.050e3	2.296e3	1.060e2	1.193e2	0.89	YES	0.000e0	0.00000	0.054273	0.0823
8	Total Penta-Dioxins	31.43	2.760e3	3.946e3	1.213e2	2.152e2	0.56	NO	3.365e2	0.093941	0.093941	0.0823

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Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.74	1.143e5	8.847e4	5.695e3	4.456e3	1.28	NO	1.015e4	3.9029	3.9029	0.127
2	Total Hexa-Dioxins	33.34	1.561e4	1.140e4	7.580e2	6.585e2	1.15	NO	1.416e3	0.54456	0.54456	0.127
3	Total Hexa-Dioxins	33.62	9.247e4	7.409e4	6.578e3	5.429e3	1.21	NO	1.201e4	4.6160	4.6160	0.127
4	Total Hexa-Dioxins	33.72	9.170e3	9.487e3	5.675e2	5.125e2	1.11	NO	1.080e3	0.41519	0.41519	0.127
5	1,2,3,4,7,8-HxCDD	34.38	1.010e4	8.007e3	5.075e2	4.679e2	1.08	NO	9.753e2	0.35458	0.35458	0.117
6	1,2,3,6,7,8-HxCDD	34.51	3.405e4	2.771e4	2.046e3	1.633e3	1.25	NO	3.679e3	1.3541	1.3541	0.122
7	Total Hexa-Dioxins	34.68	6.563e3	6.297e3	3.604e2	3.273e2	1.10	NO	6.877e2	0.26438	0.26438	0.127
8	1,2,3,7,8,9-HxCDD	34.78	1.957e4	1.358e4	1.037e3	8.800e2	1.18	NO	1.917e3	0.70672	0.70672	0.123

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.25	6.150e5	5.962e5	4.427e4	4.350e4	1.02	NO	8.777e4	42.338	42.338	0.431
2	1,2,3,4,6,7,8-HpCDD	38.22	6.209e5	5.973e5	3.580e4	3.517e4	1.02	NO	7.097e4	34.232	34.232	0.431

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	21.07	3.812e3	4.707e3	3.345e2	4.613e2	0.73	NO	7.958e2	0.21132	0.21132	0.0813
2	Total Tetra-Furans	21.91	1.292e4	1.611e4	1.103e3	1.390e3	0.79	NO	2.493e3	0.66207	0.66207	0.0813
3	Total Tetra-Furans	22.79	1.629e5	2.254e5	1.454e4	1.919e4	0.76	NO	3.373e4	8.9569	8.9569	0.0813
4	Total Tetra-Furans	23.24	4.106e4	5.681e4	3.389e3	4.643e3	0.73	NO	8.032e3	2.1330	2.1330	0.0813
5	Total Tetra-Furans	23.33	2.885e3	6.069e3	2.393e2	2.941e2	0.81	NO	5.334e2	0.14166	0.14166	0.0813
6	Total Tetra-Furans	23.60	2.019e4	2.914e4	1.496e3	1.956e3	0.77	NO	3.452e3	0.91675	0.91675	0.0813
7	Total Tetra-Furans	24.31	4.357e4	5.606e4	3.803e3	5.050e3	0.75	NO	8.853e3	2.3509	2.3509	0.0813
8	Total Tetra-Furans	24.78	1.019e6	1.386e6	6.977e4	9.502e4	0.73	NO	1.648e5	43.761	43.761	0.0813
9	Total Tetra-Furans	25.11	2.449e4	3.018e4	1.408e3	1.853e3	0.76	NO	3.261e3	0.86597	0.86597	0.0813
10	Total Tetra-Furans	25.67	3.036e4	4.216e4	1.834e3	2.580e3	0.71	NO	4.414e3	1.1723	1.1723	0.0813
11	2,3,7,8-TCDF	25.77	1.028e6	1.357e6	6.618e4	8.919e4	0.74	NO	1.554e5	41.261	41.261	0.0813
12	Total Tetra-Furans	26.09	1.580e4	2.003e4	9.783e2	1.276e3	0.77	NO	2.255e3	0.59877	0.59877	0.0813
13	Total Tetra-Furans	27.63	8.060e4	1.077e5	4.637e3	6.391e3	0.73	NO	1.103e4	2.9284	2.9284	0.0813

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Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1st Func. Penta-Furans	27.24	1.158e5	6.870e4	7.065e3	4.161e3	1.70	NO	1.123e4	2.5495	2.5495	0.0208

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.70	2.094e4	1.336e4	1.366e3	8.160e2	1.67	NO	2.182e3	0.49554	0.49554	0.138
2	Total Penta-Furans	28.87	7.231e5	4.445e5	4.161e4	2.629e4	1.58	NO	6.790e4	15.421	15.421	0.138
3	Total Penta-Furans	29.48	2.923e4	2.121e4	1.754e3	1.271e3	1.38	NO	3.025e3	0.68707	0.68707	0.138
4	Total Penta-Furans	29.64	2.558e5	1.533e5	1.340e4	8.034e3	1.67	NO	2.143e4	4.8670	4.8670	0.138
5	1,2,3,7,8-PeCDF	29.84	1.381e6	8.593e5	7.221e4	4.571e4	1.58	NO	1.179e5	25.799	25.799	0.129
6	Total Penta-Furans	30.09	7.569e5	4.645e5	3.663e4	2.307e4	1.59	NO	5.969e4	13.557	13.557	0.138
7	Total Penta-Furans	30.70	1.592e4	9.584e3	7.301e2	5.059e2	1.44	NO	1.236e3	0.28072	0.28072	0.138
8	2,3,4,7,8-PeCDF	30.90	1.127e6	7.236e5	4.221e4	2.686e4	1.57	NO	6.907e4	14.583	14.583	0.132
9	Total Penta-Furans	30.91	1.007e6	6.331e5	1.819e4	1.112e4	1.64	NO	2.930e4	6.6555	6.6555	0.138
10	Total Penta-Furans	31.78	6.124e4	3.811e4	3.404e3	1.976e3	1.72	NO	5.380e3	1.2218	1.2218	0.138

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.21	4.171e4	3.198e4	1.989e3	1.570e3	1.27	NO	3.559e3	1.2704	1.2704	0.108
2	Total Hexa-Furans	32.38	1.504e5	1.233e5	6.758e3	5.683e3	1.19	NO	1.244e4	4.4414	4.4414	0.108
3	Total Hexa-Furans	33.01	1.275e5	1.003e5	6.498e3	5.169e3	1.26	NO	1.167e4	4.1649	4.1649	0.108
4	Total Hexa-Furans	33.35	1.118e4	7.925e3	5.216e2	4.558e2	1.14	NO	9.773e2	0.34889	0.34889	0.108
5	1,2,3,4,7,8-HxCDF	33.47	3.756e5	3.017e5	1.929e4	1.573e4	1.23	NO	3.502e4	12.270	12.270	0.0999
6	1,2,3,6,7,8-HxCDF	33.61	8.803e4	6.444e4	4.716e3	3.859e3	1.22	NO	8.575e3	2.8587	2.8587	0.0942
7	2,3,4,6,7,8-HxCDF	34.28	4.084e4	3.443e4	2.492e3	2.086e3	1.19	NO	4.577e3	1.6391	1.6391	0.108
8	1,2,3,7,8,9-HxCDF	35.32	4.541e4	3.515e4	2.115e3	1.714e3	1.23	NO	3.829e3	1.5312	1.5312	0.135
9	Total Hexa-Furans	35.33	3.867e4	3.152e4	9.389e2	7.789e2	1.21	NO	0.000e0	0.00000	0.61322	0.108

Vista Analytical Laboratory

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Name: 201001R1_14, Date: 01-Oct-2020, Time: 19:01:13, ID: 2002008-03 NCPDI-015SG-200923 10.11, Description: NCPDI-015SG-200923

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,4,6,7,8-HpCDF	36.87	1.174e5	1.149e5	8.278e3	8.196e3	1.01	NO	1.647e4	7.8034	7.8034	0.162
2	Total Hepta-Furans	37.58	2.228e5	2.239e5	1.421e4	1.416e4	1.00	NO	2.837e4	14.811	14.811	0.161
3	1,2,3,4,7,8,9-HpCDF	38.84	1.681e4	1.678e4	9.397e2	9.653e2	0.97	NO	1.905e3	0.98678	0.98678	0.142

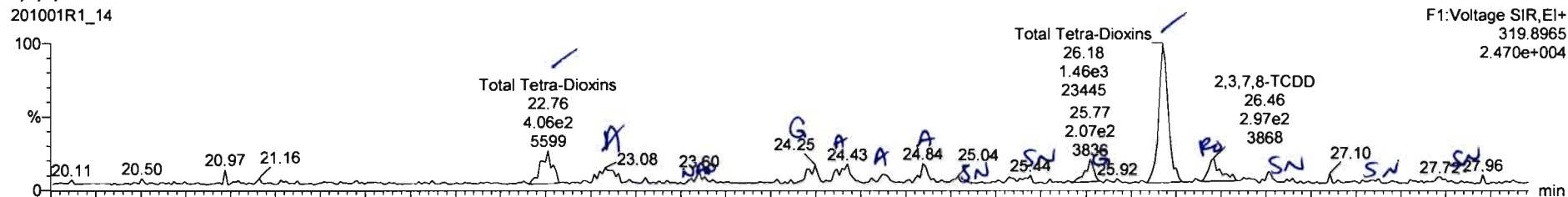
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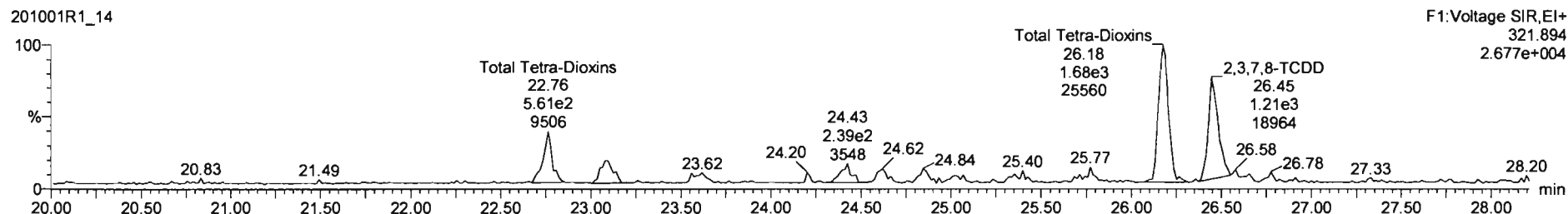
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2,3,7,8-TCDD

201001R1_14



201001R1_14

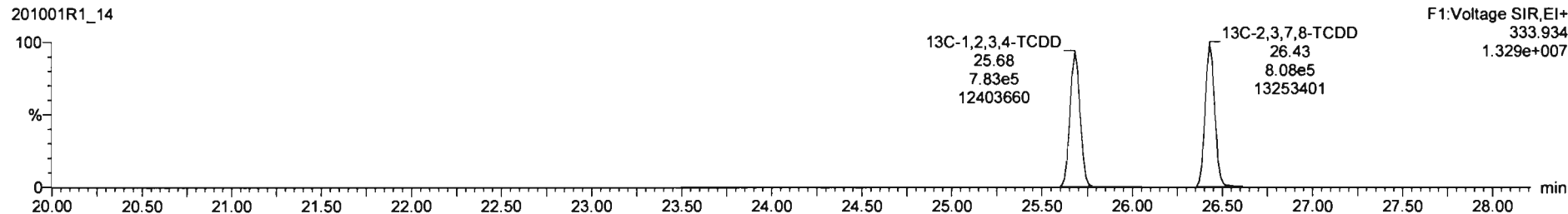


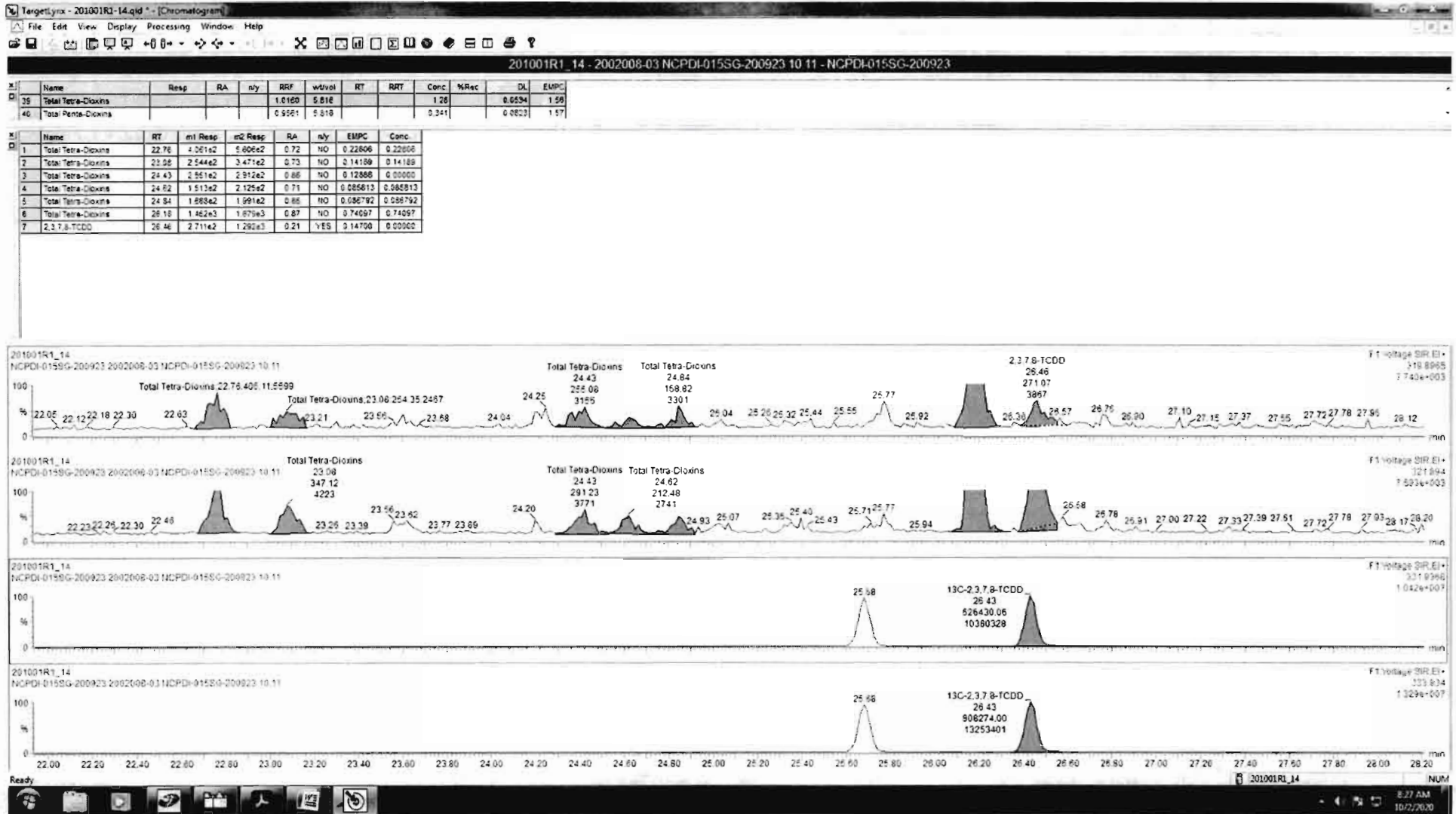
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201001R1_14



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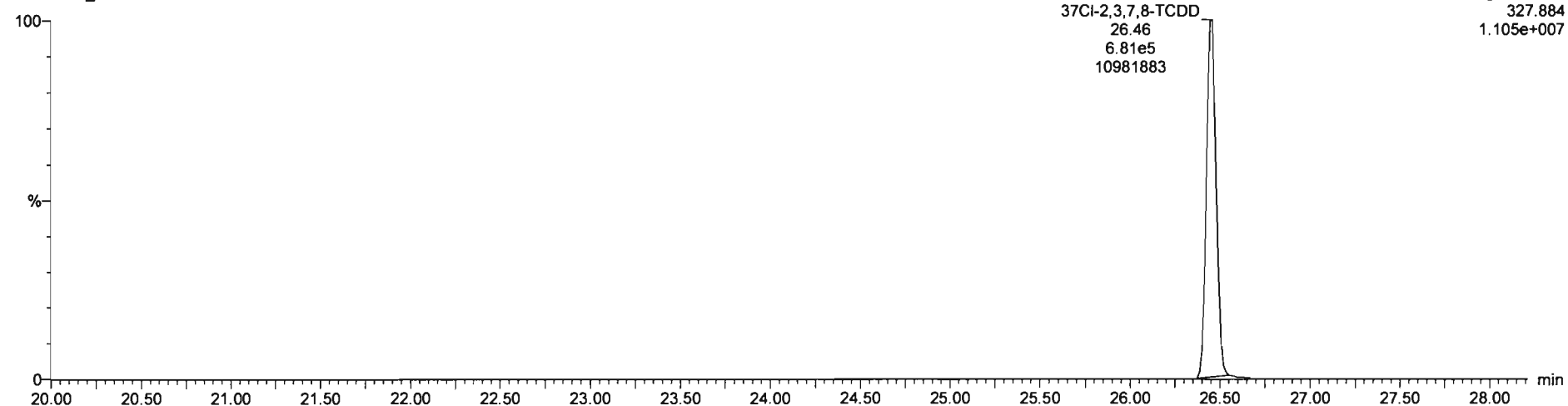
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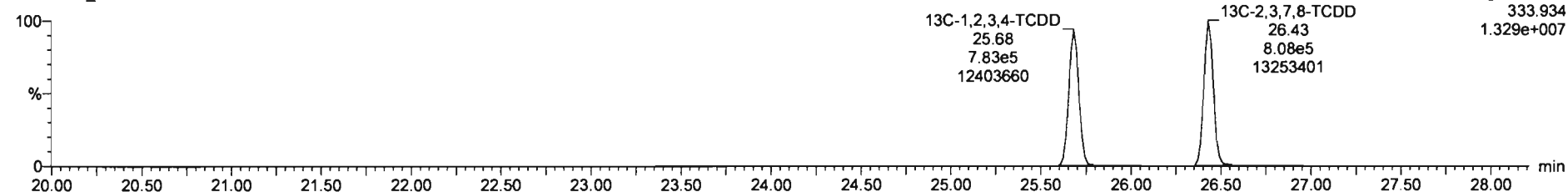


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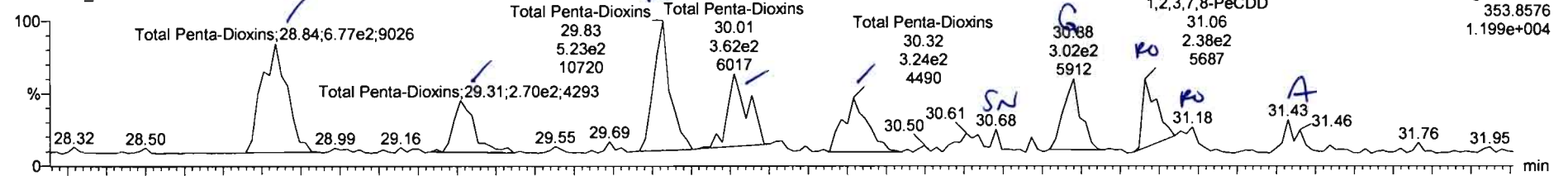
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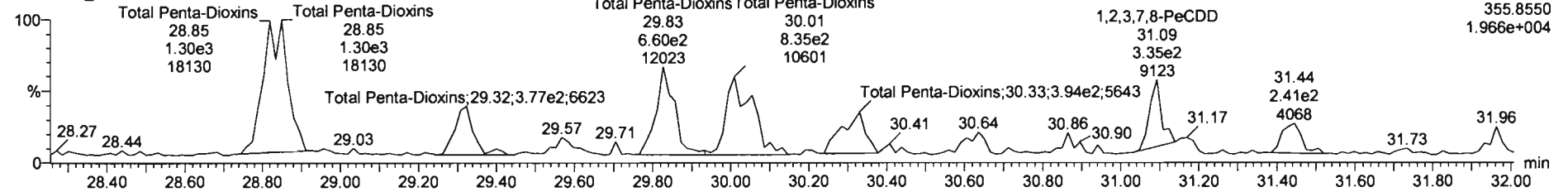
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1,2,3,7,8-PeCDD

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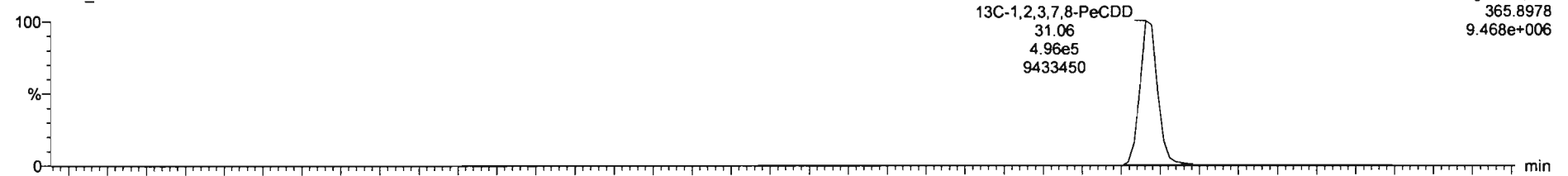


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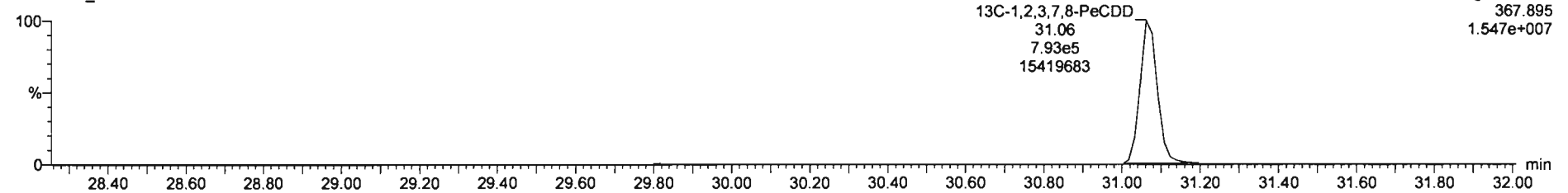


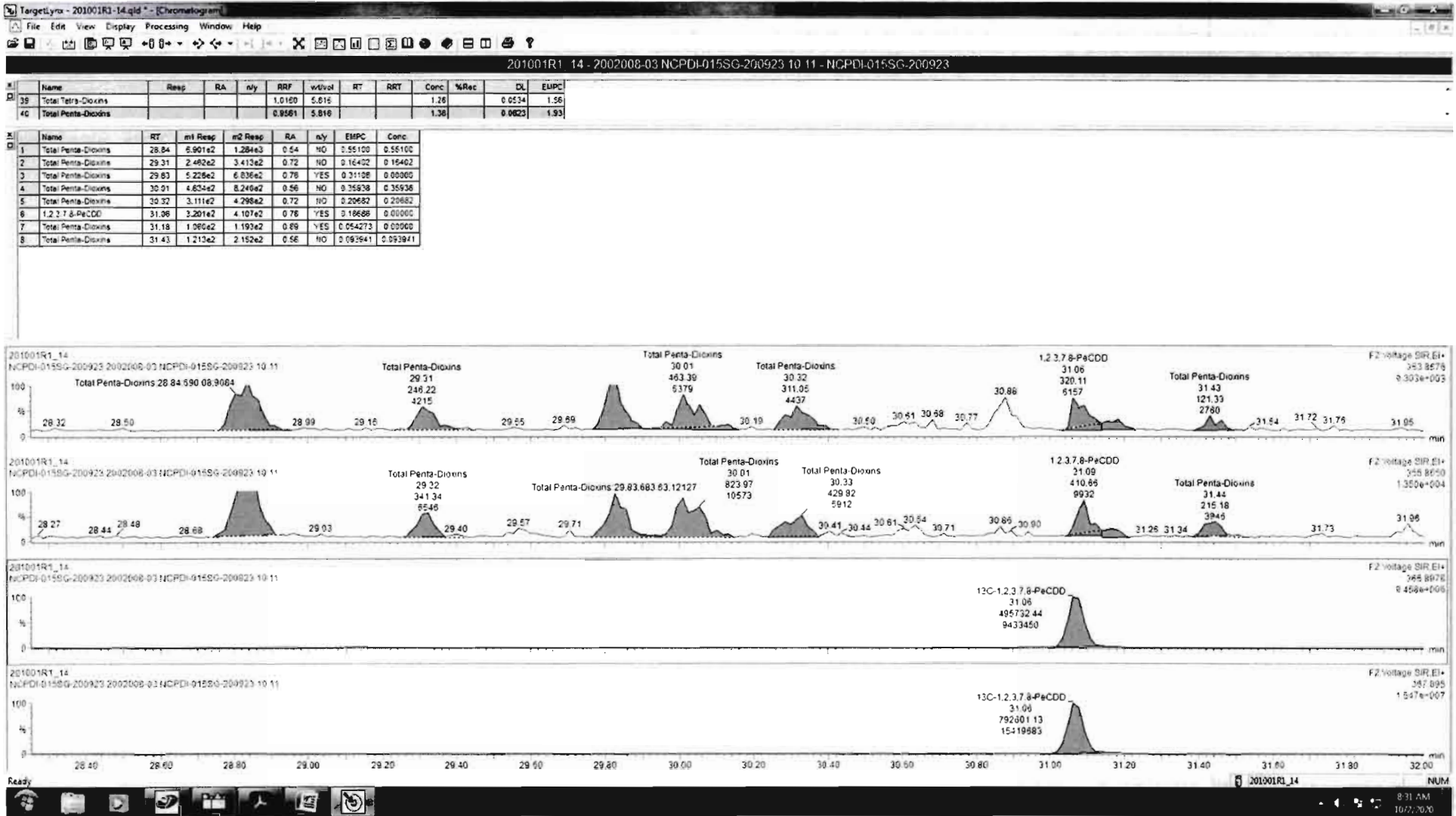
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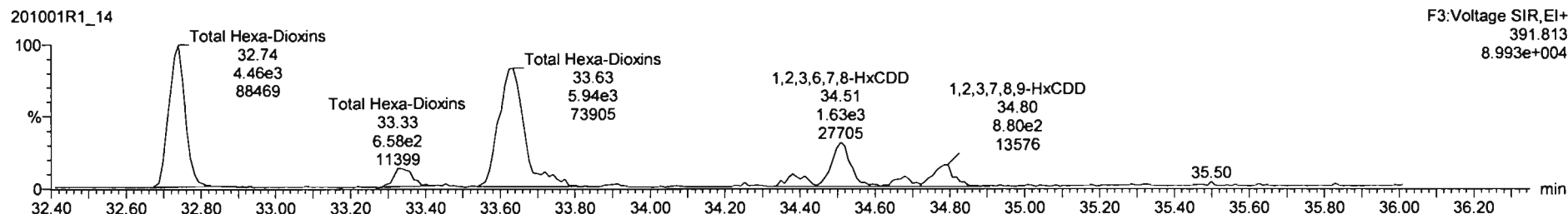
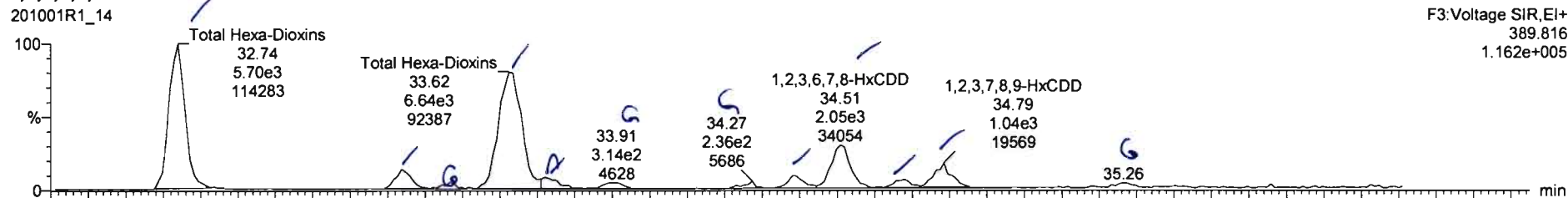


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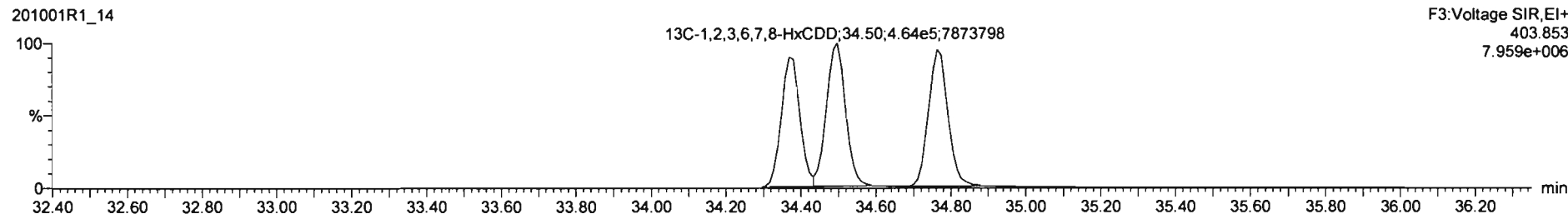
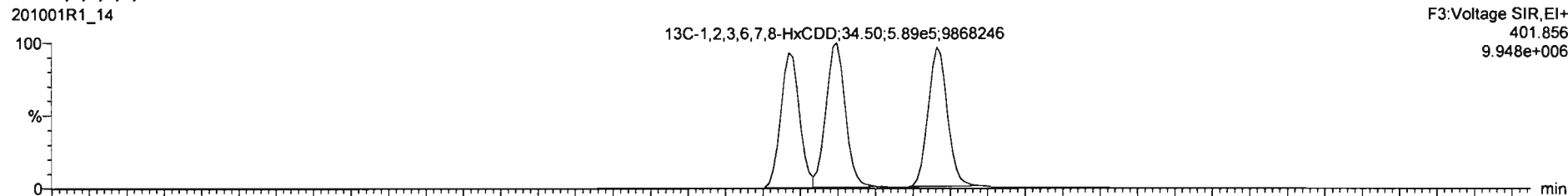
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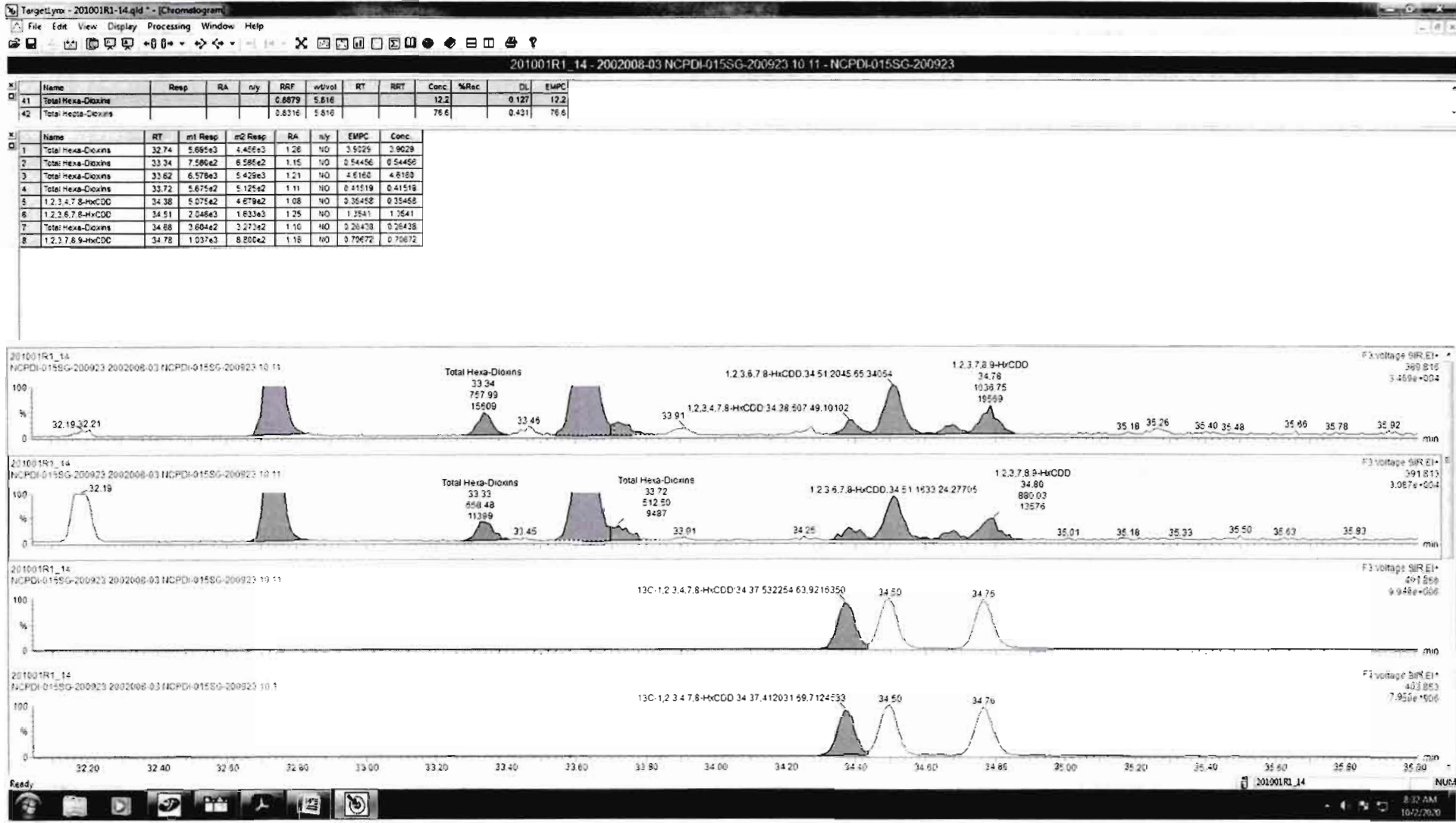
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1,2,3,4,7,8-HxCDD



13C-1,2,3,4,7,8-HxCDD





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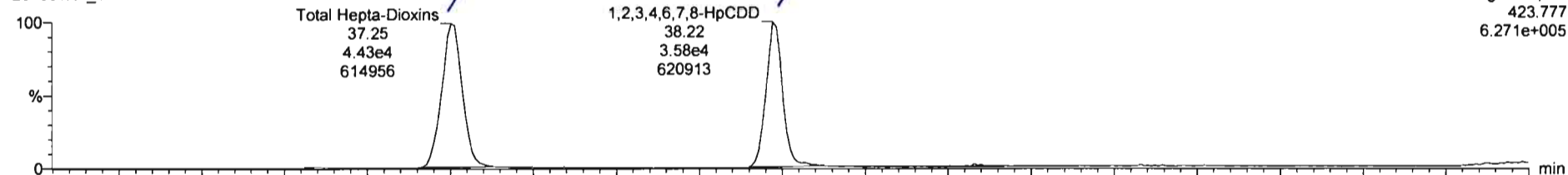
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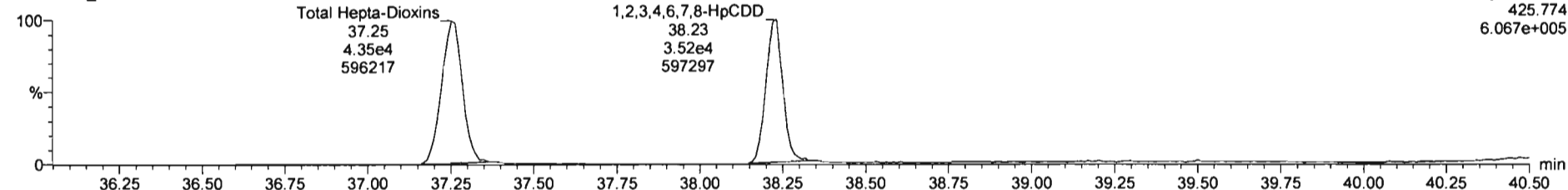
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1,2,3,4,6,7,8-HpCDD

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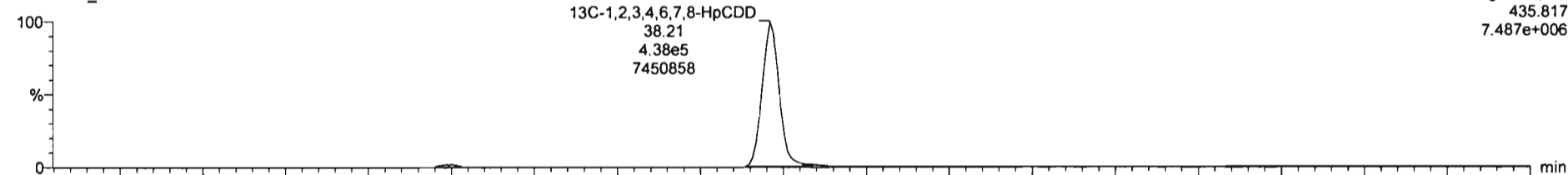


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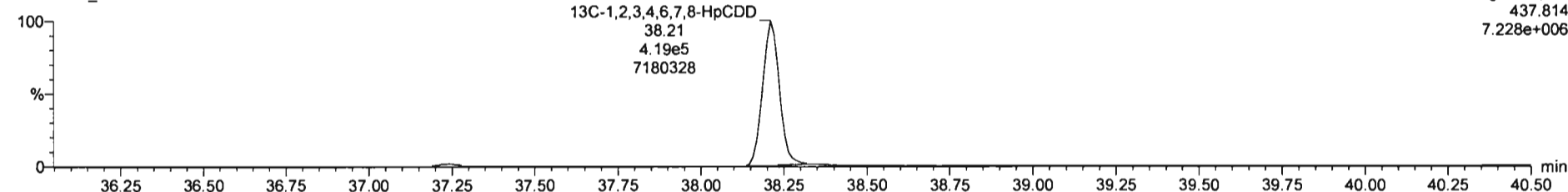


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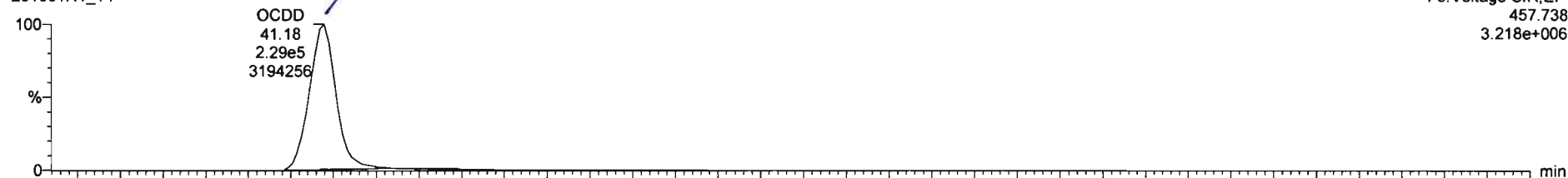
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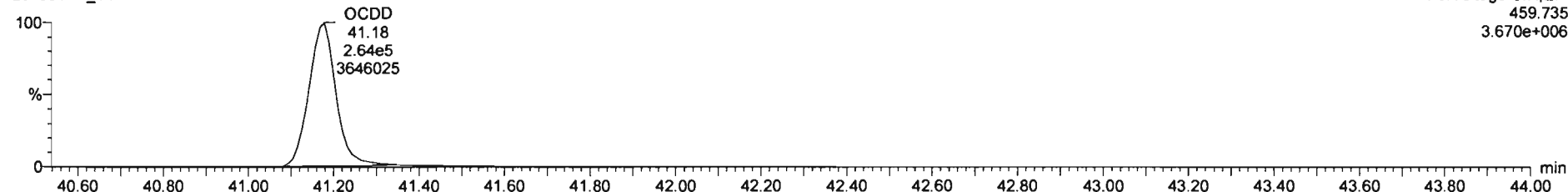
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OCDD

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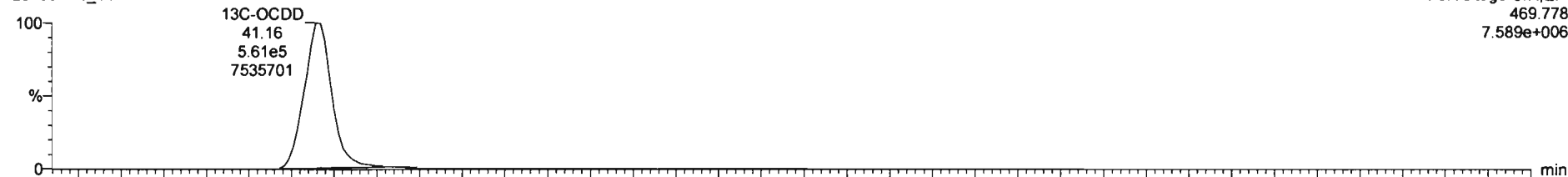


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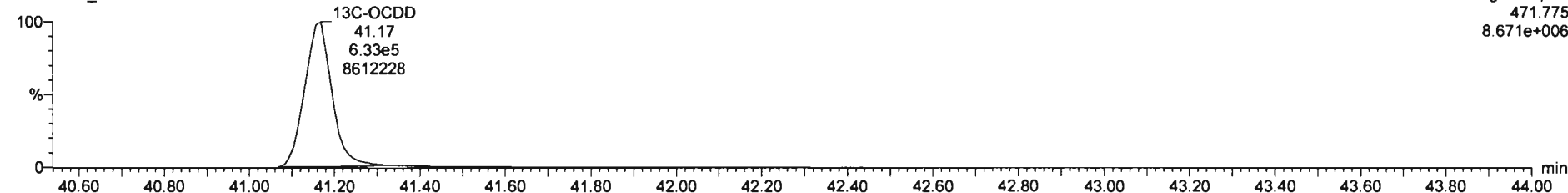


13C-OCDD

201001R1_14



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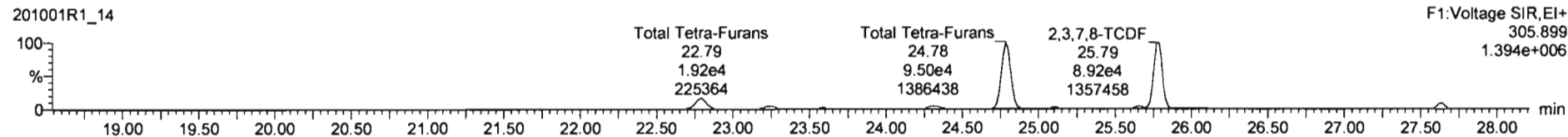
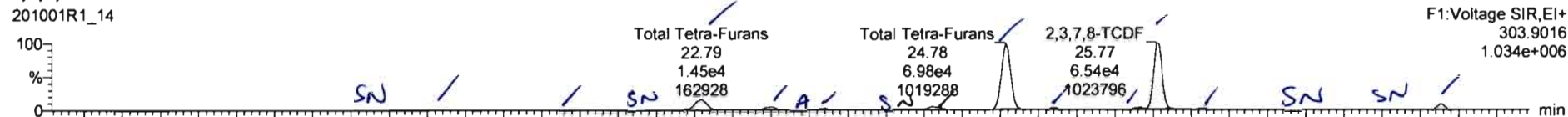


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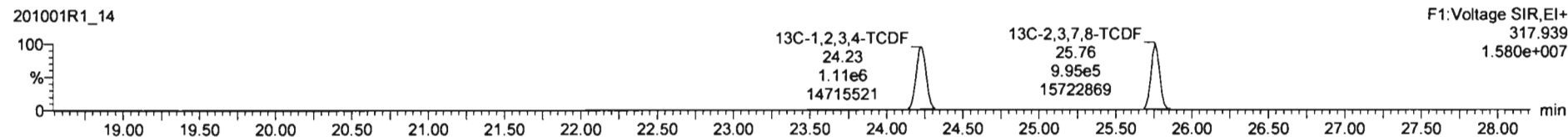
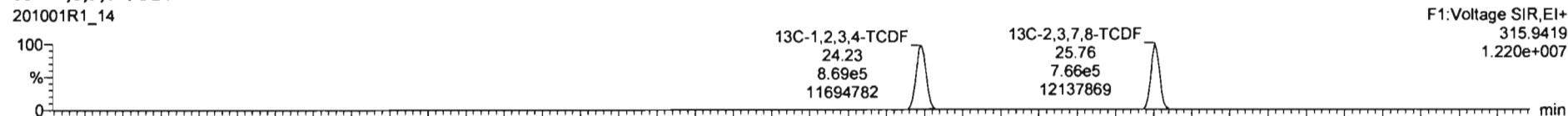
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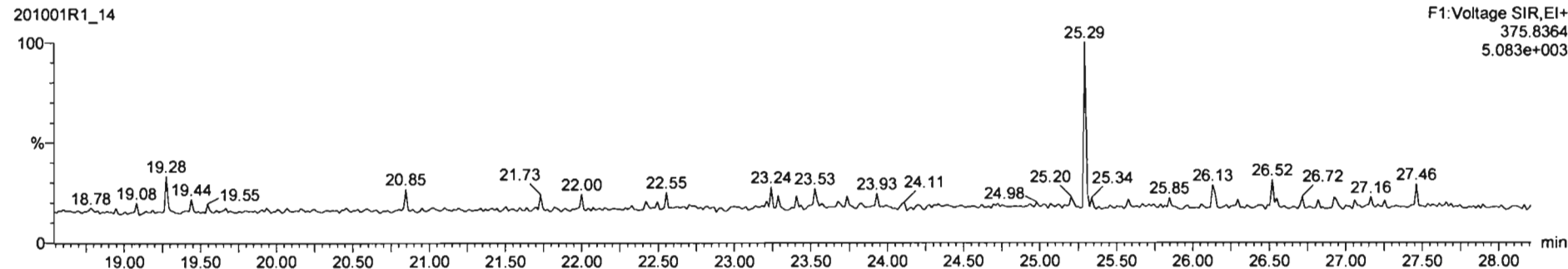
2,3,7,8-TCDF

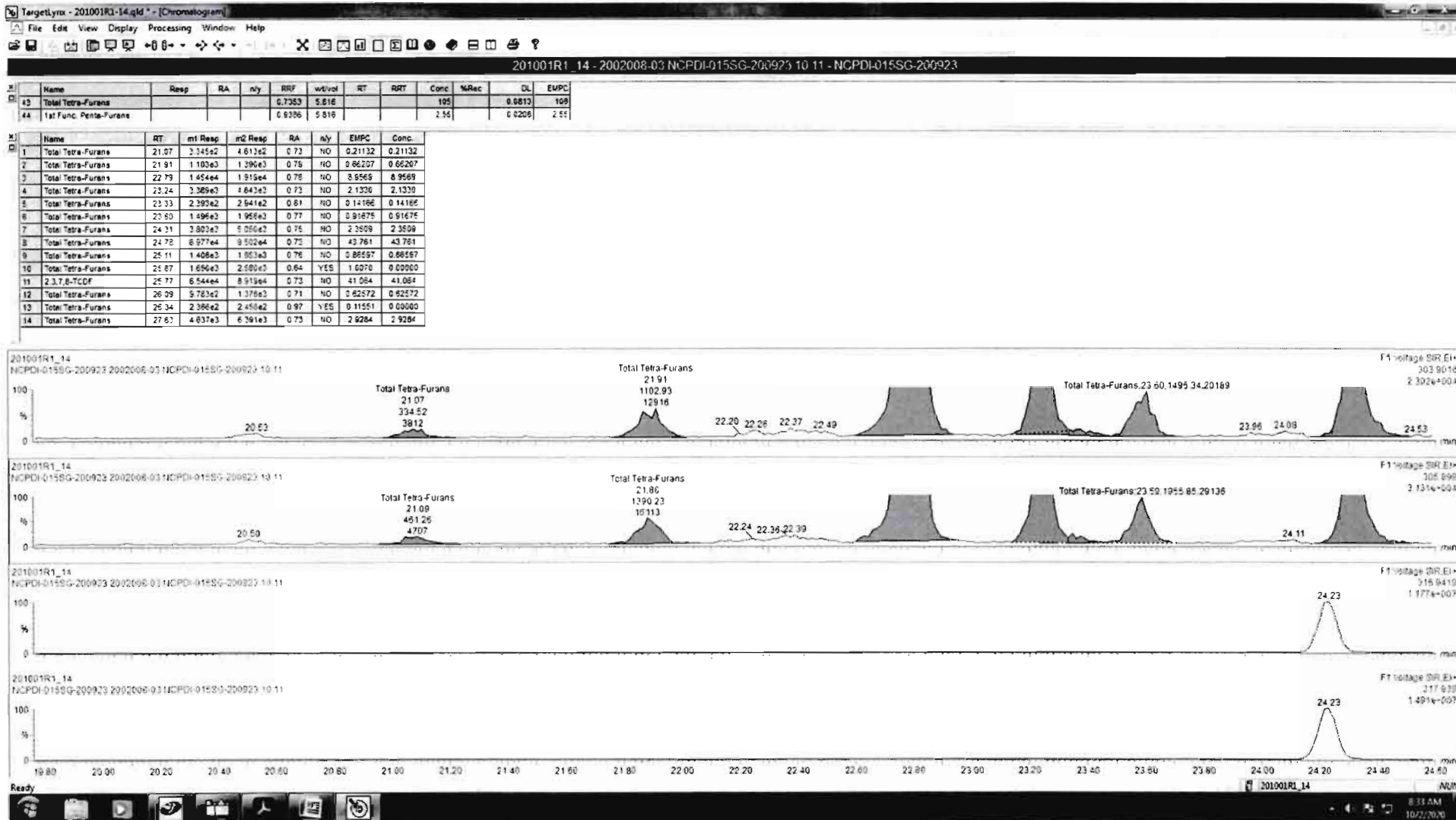


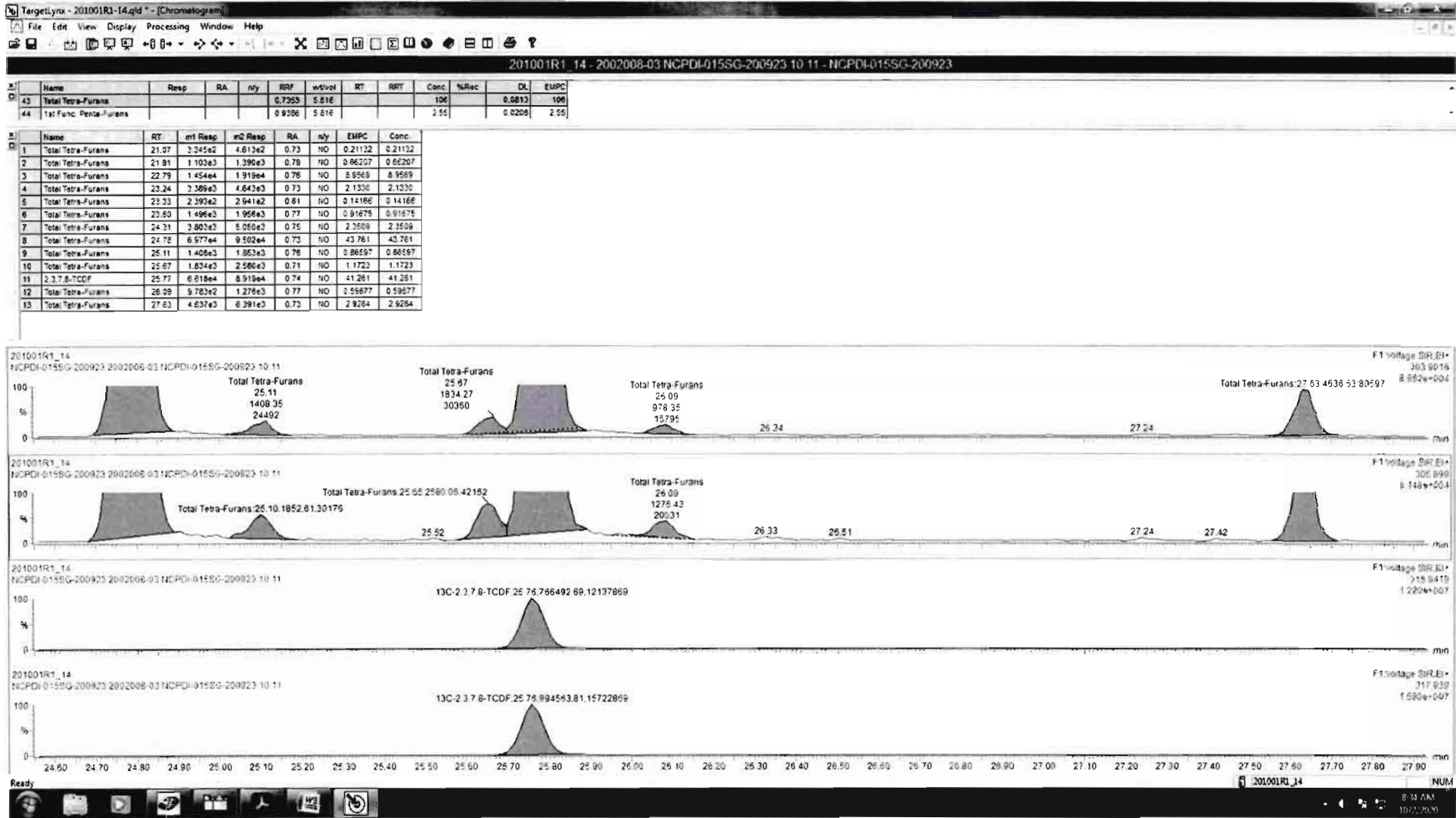
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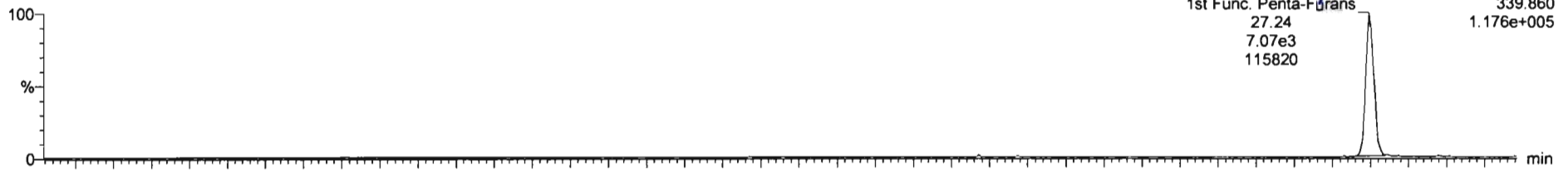
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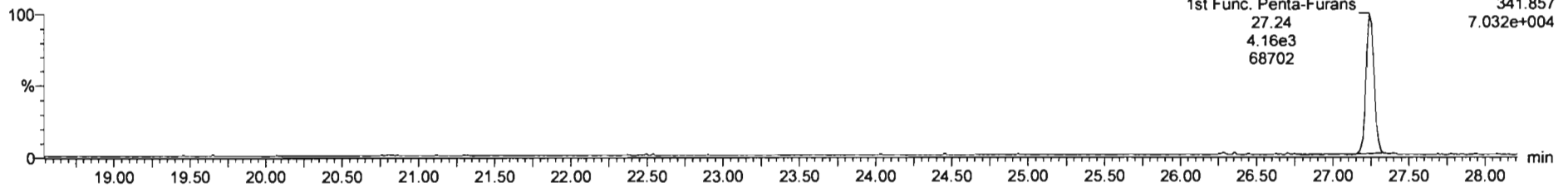
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1st Func. Penta-Furans

201001R1_14

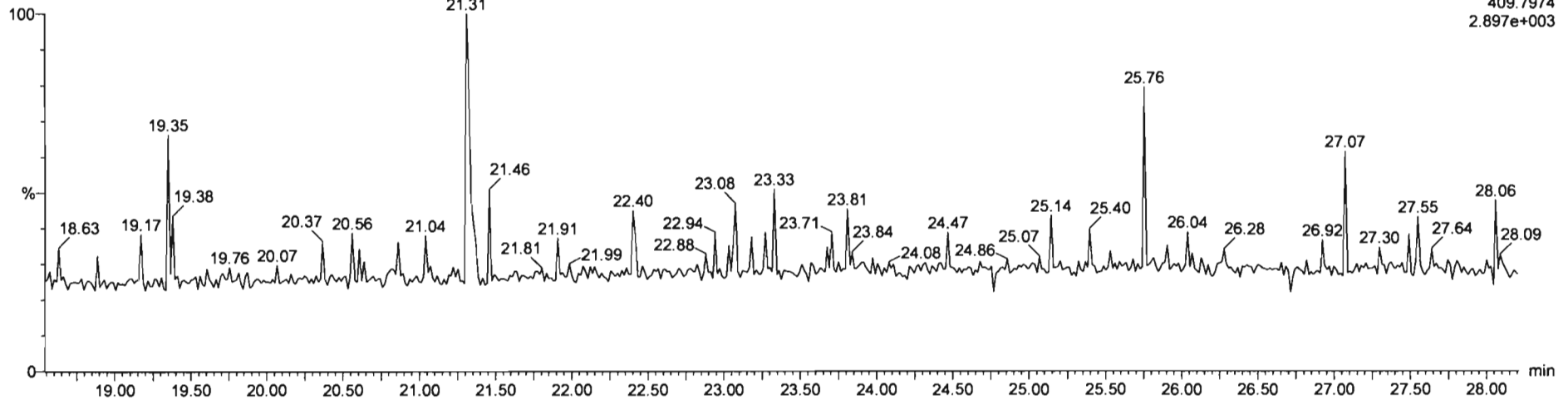


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DPE6

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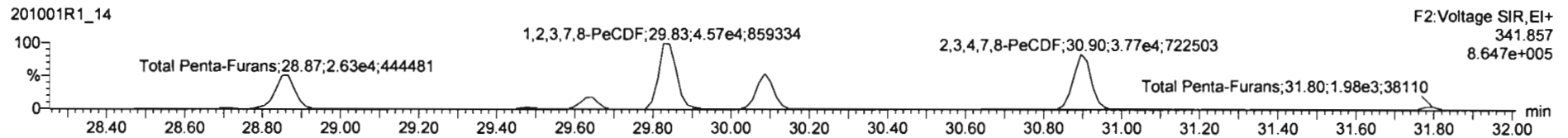
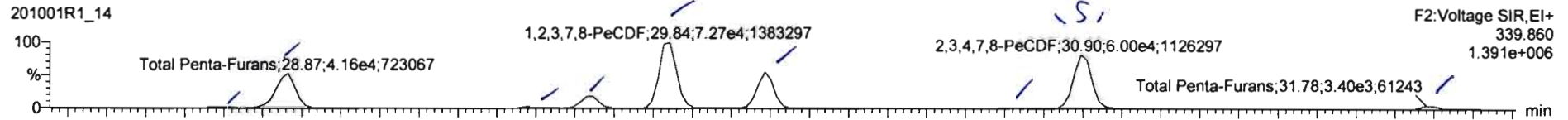


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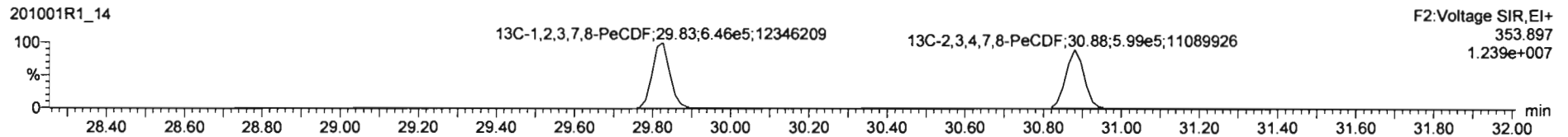
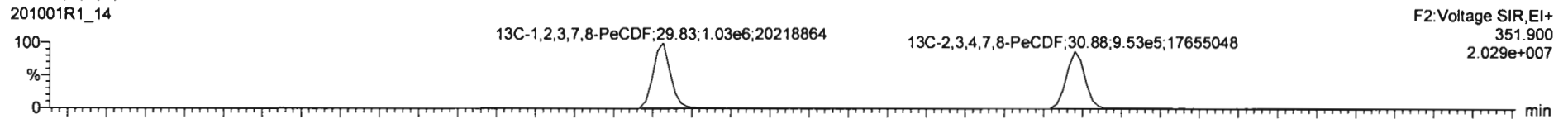
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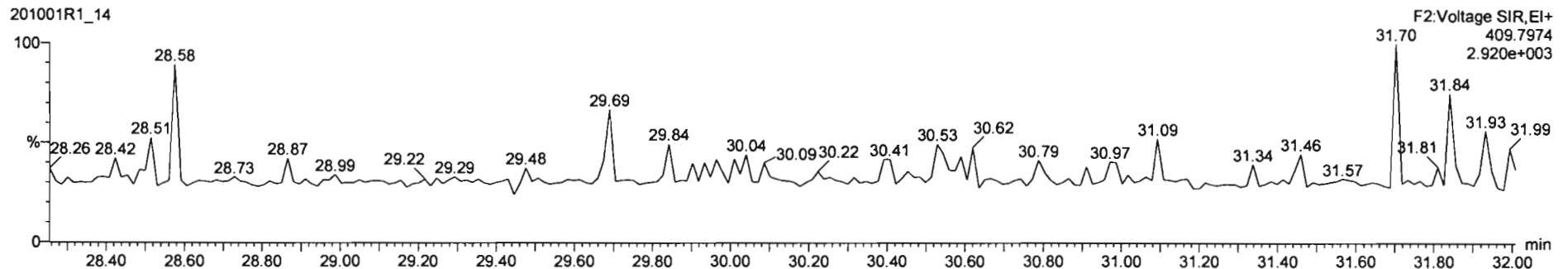
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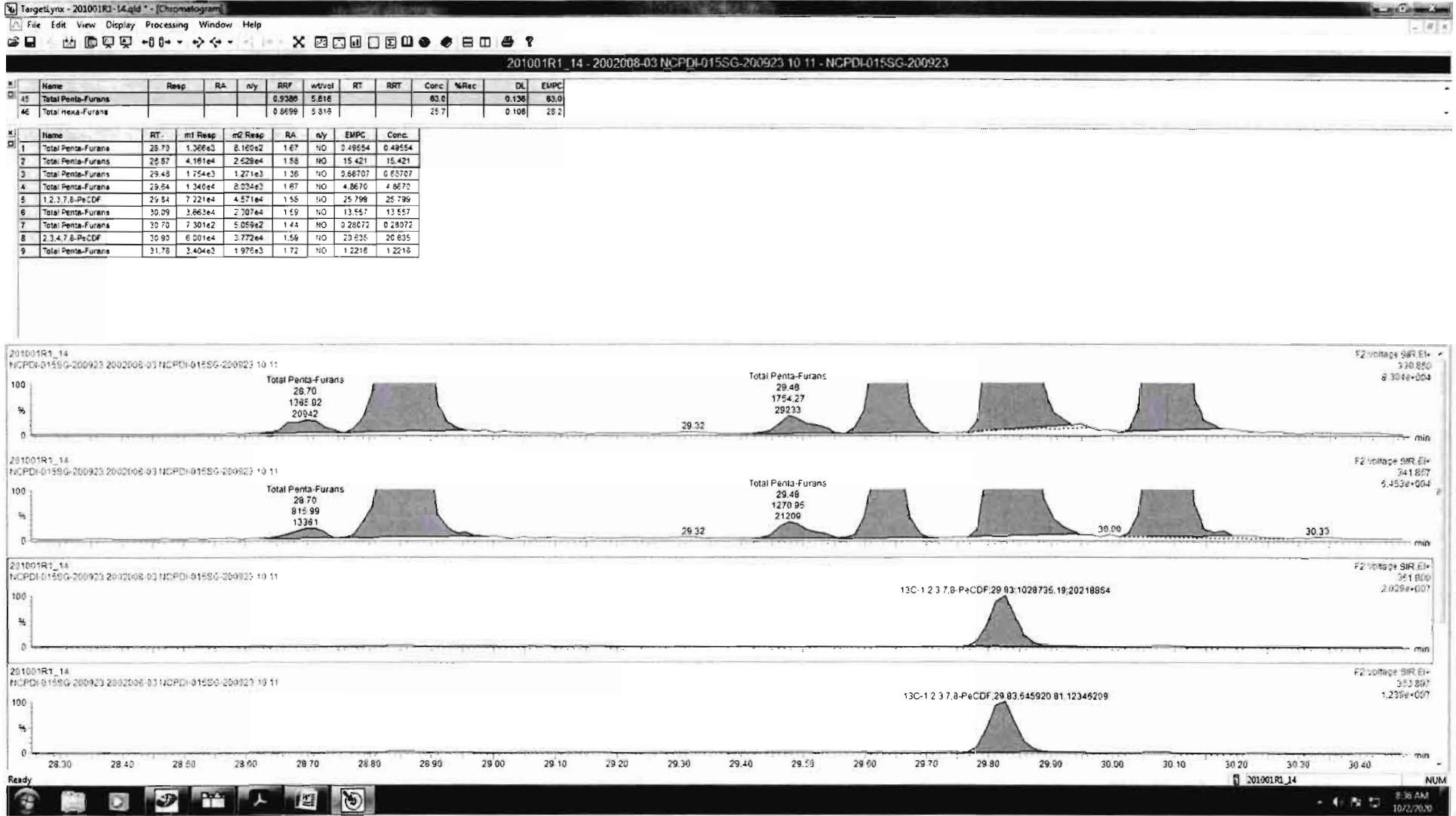


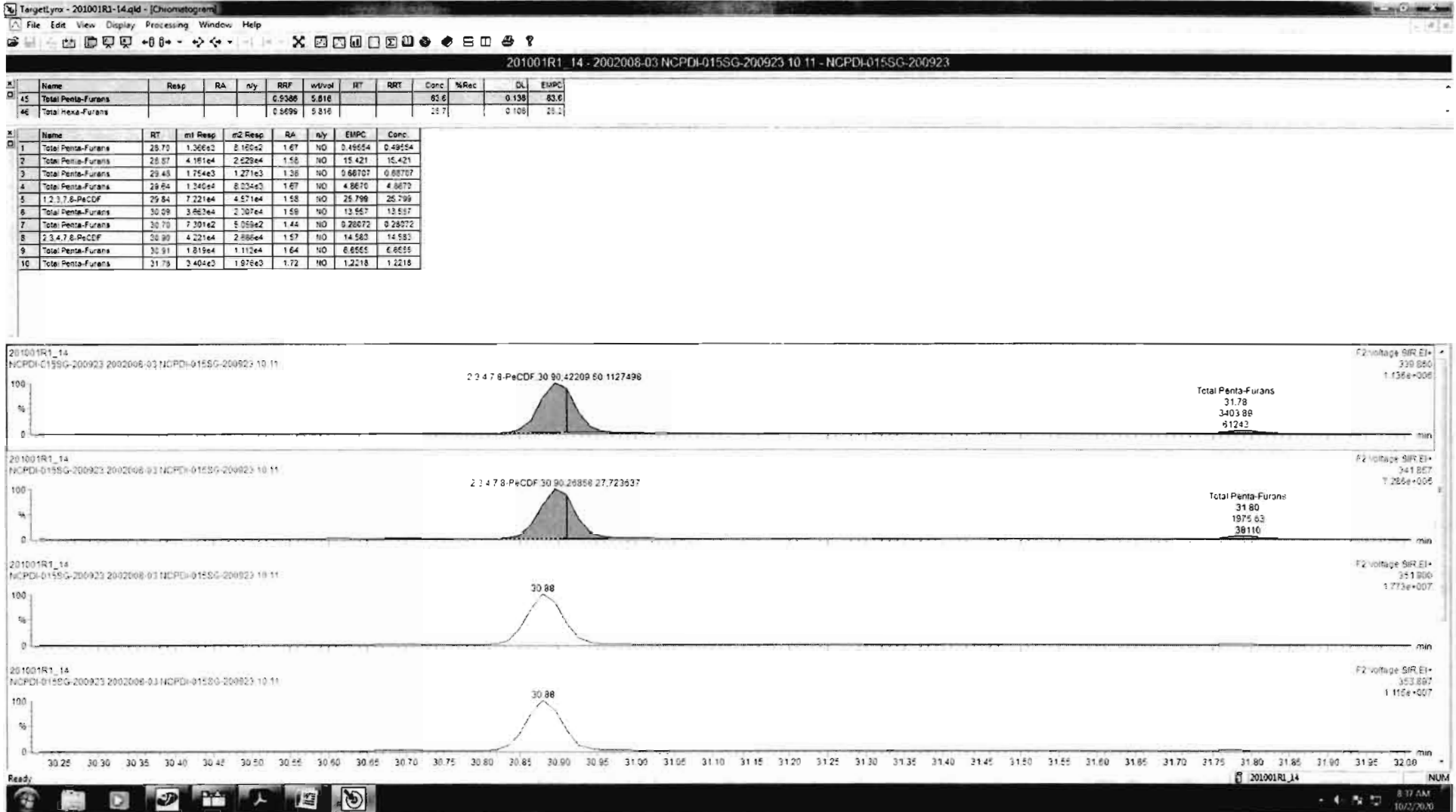
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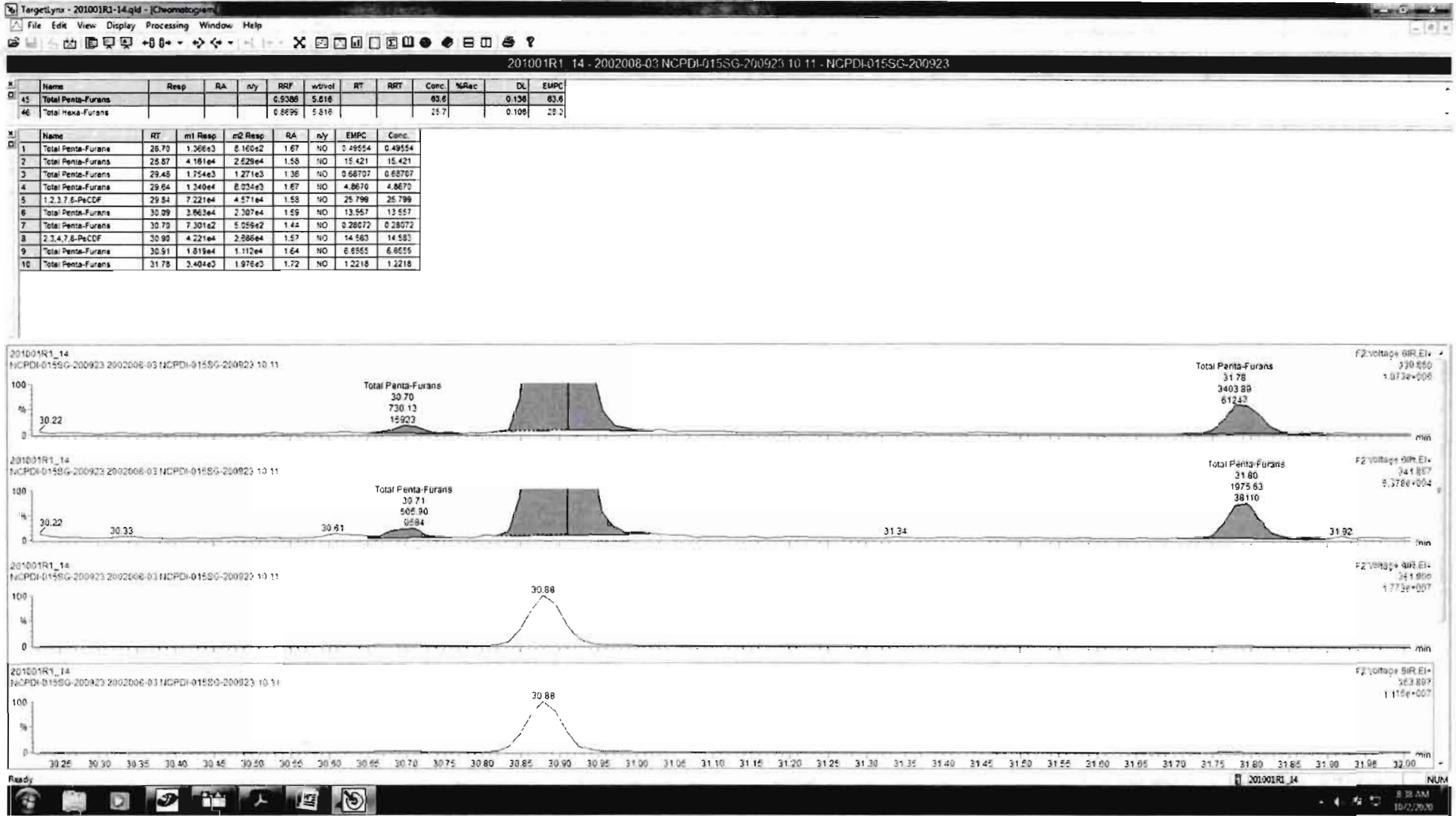


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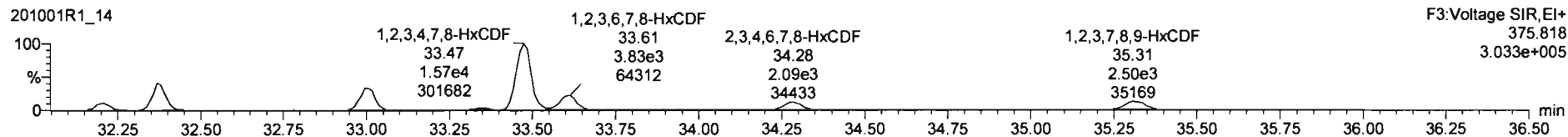
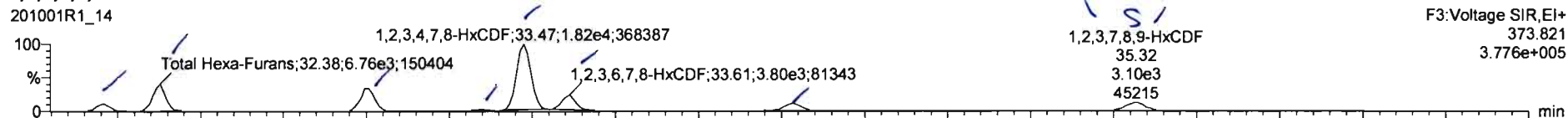


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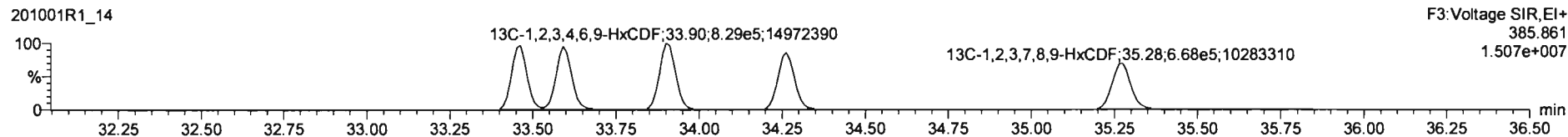
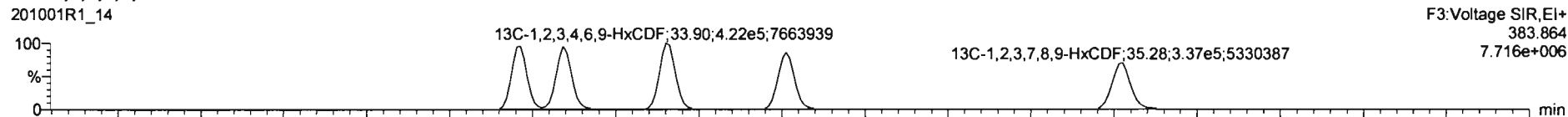
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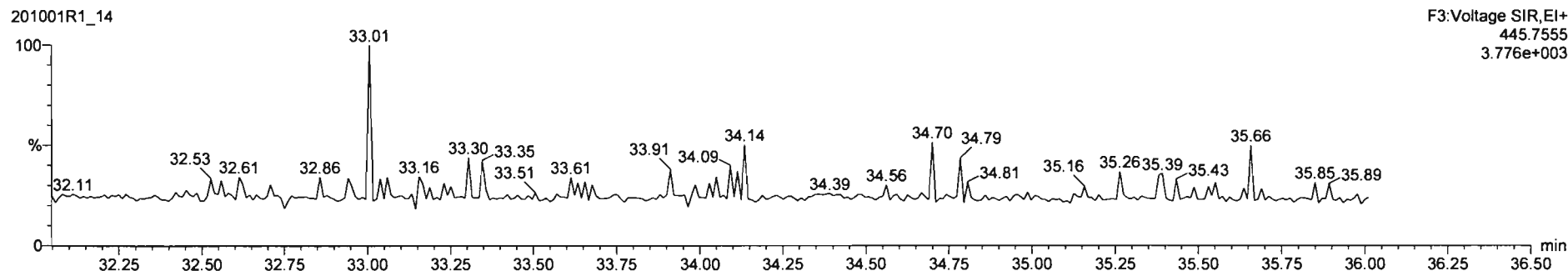
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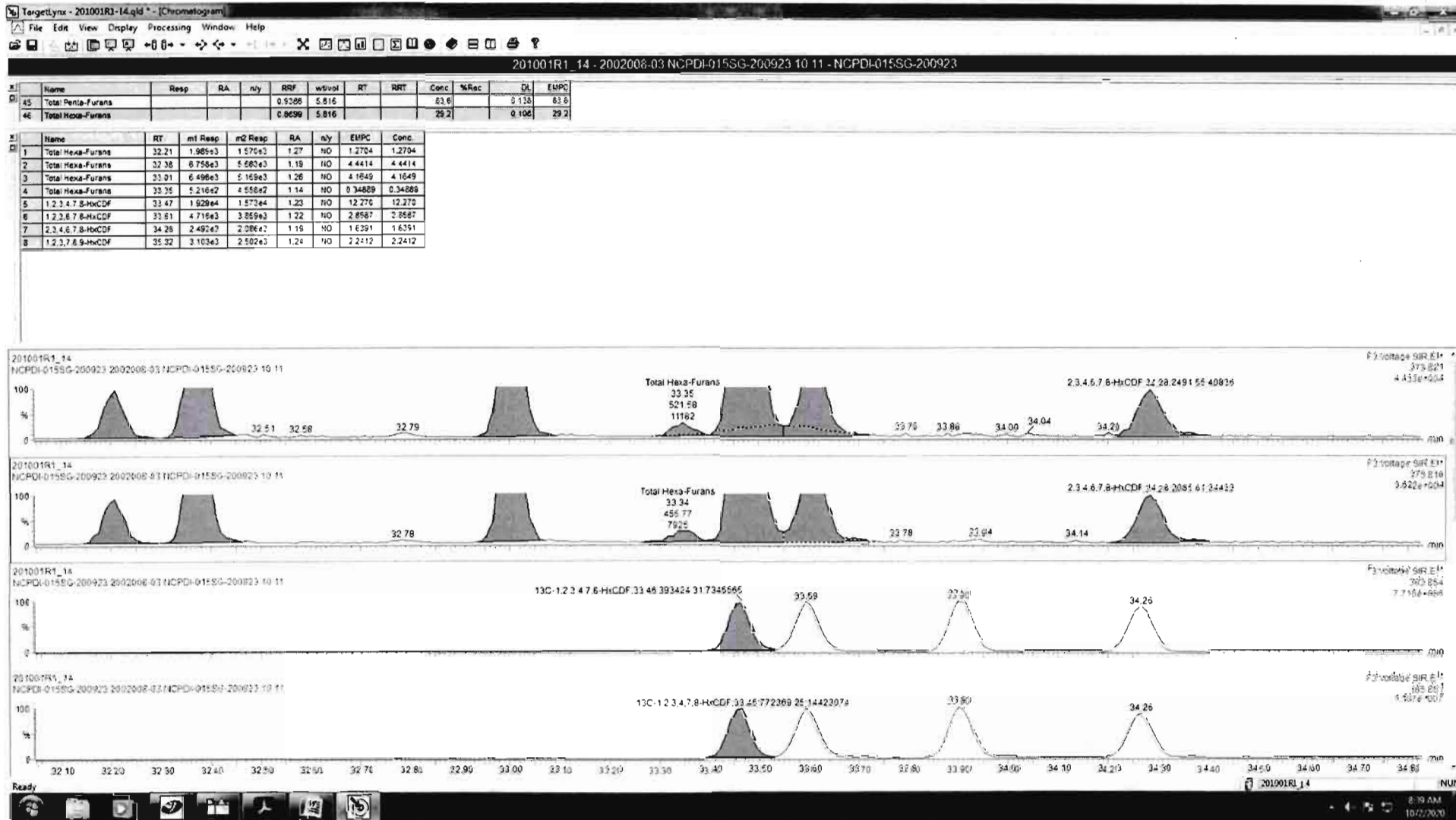


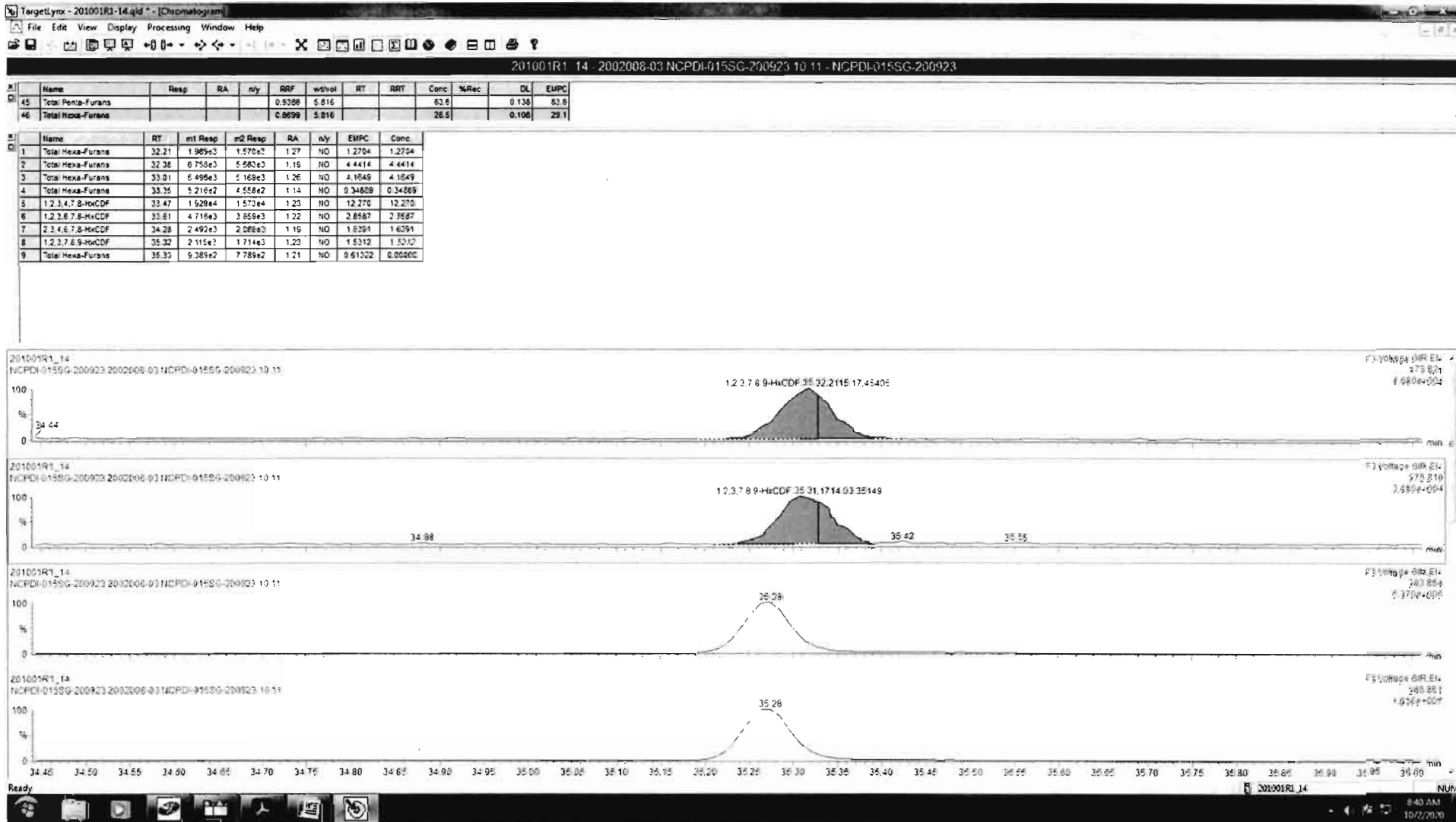
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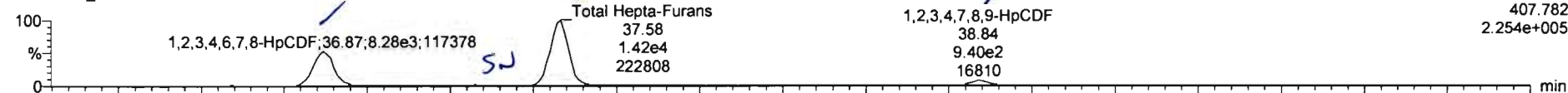
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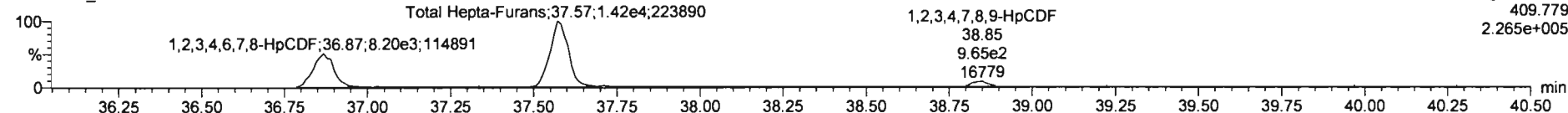
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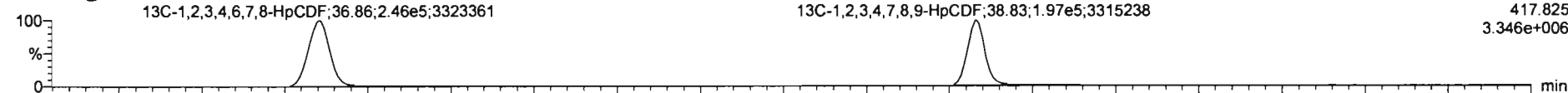


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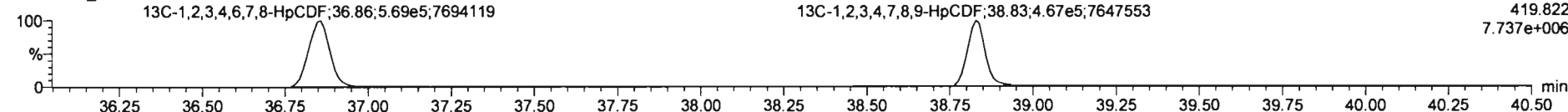


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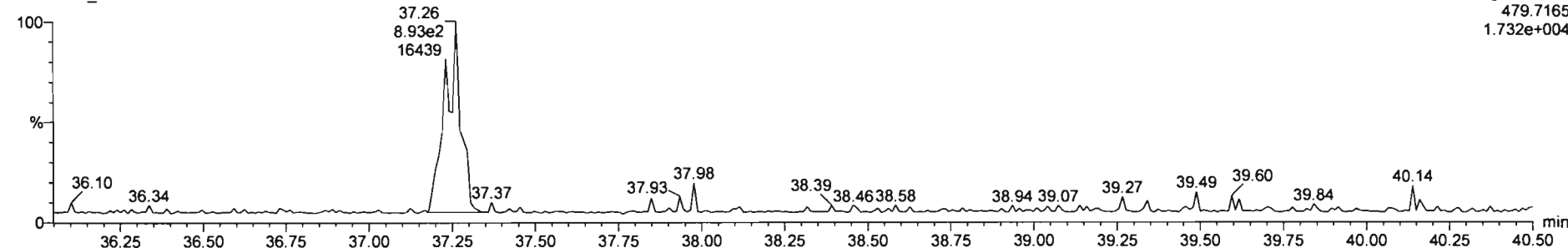


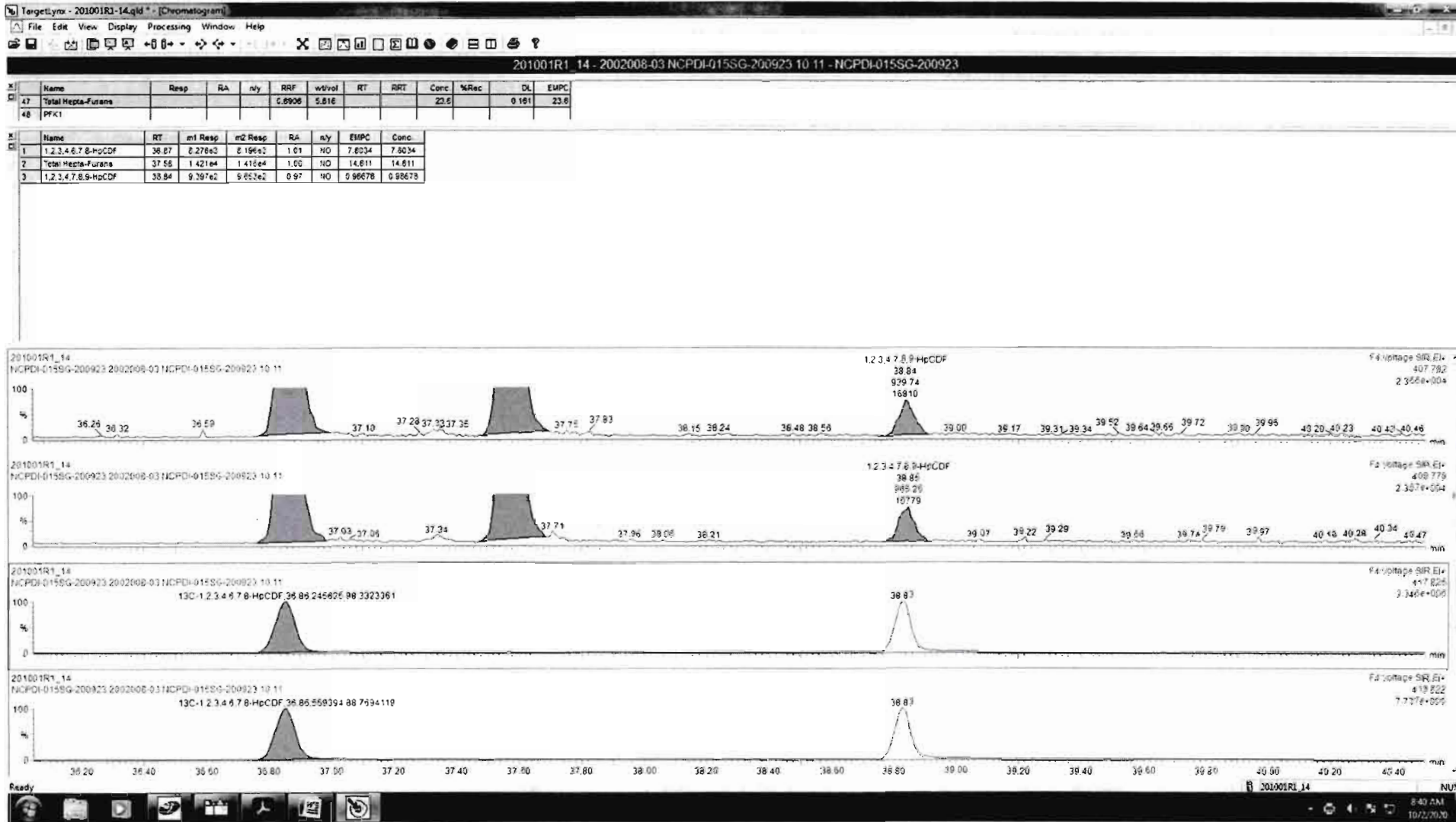
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DPE4

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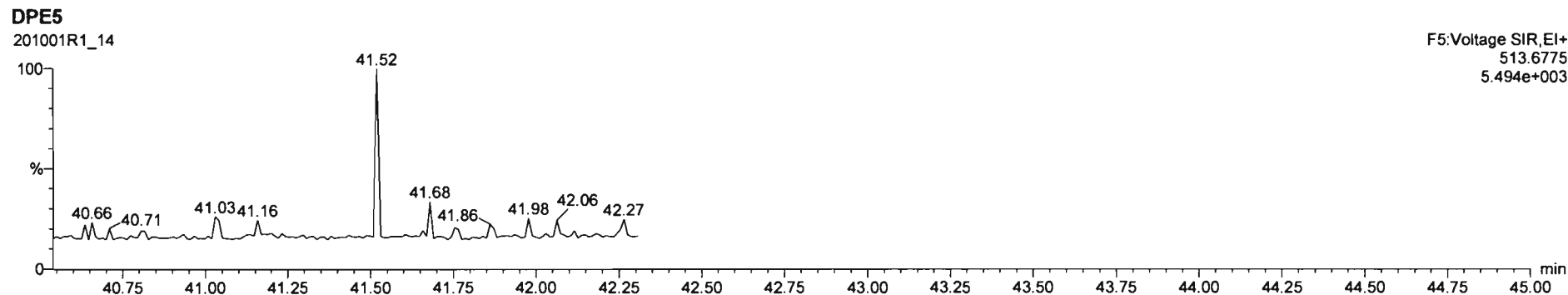
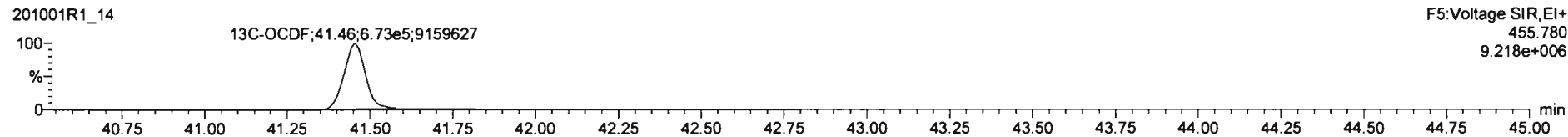
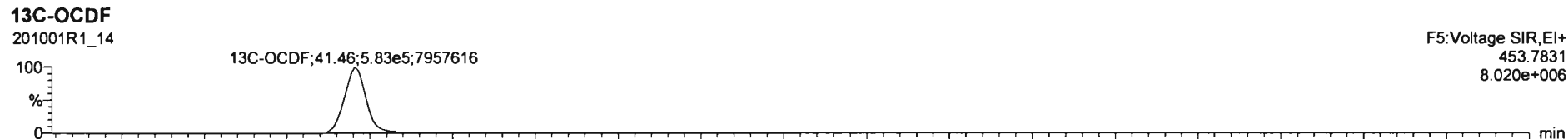
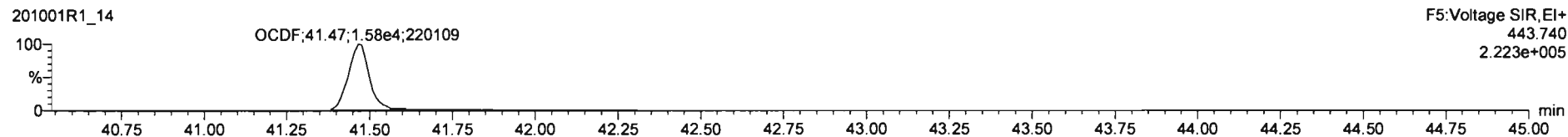
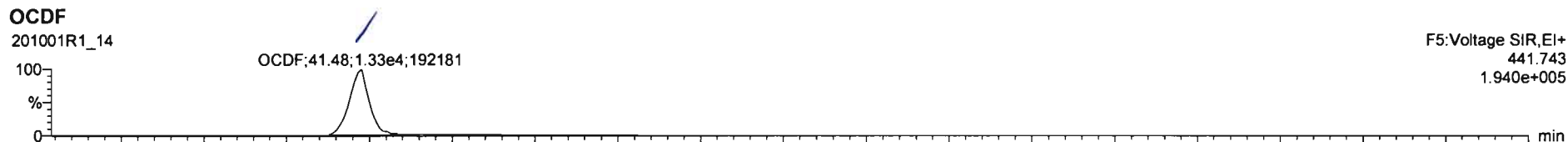




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Name: 201001R1_14, Date: 01-Oct-2020, Time: 19:01:13, ID: 2002008-03 NCPDI-015SG-200923 10.11, Description: NCPDI-015SG-200923

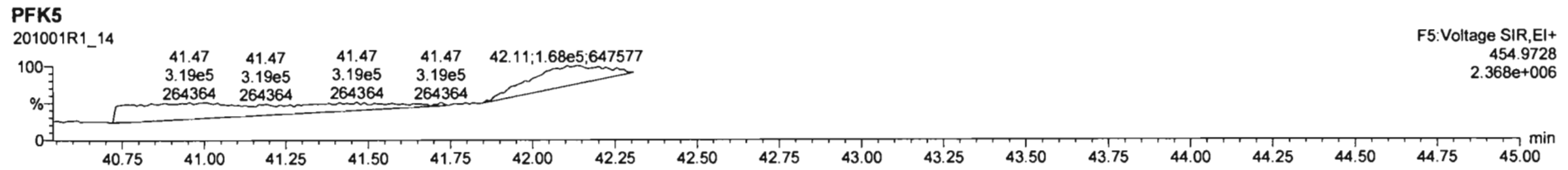
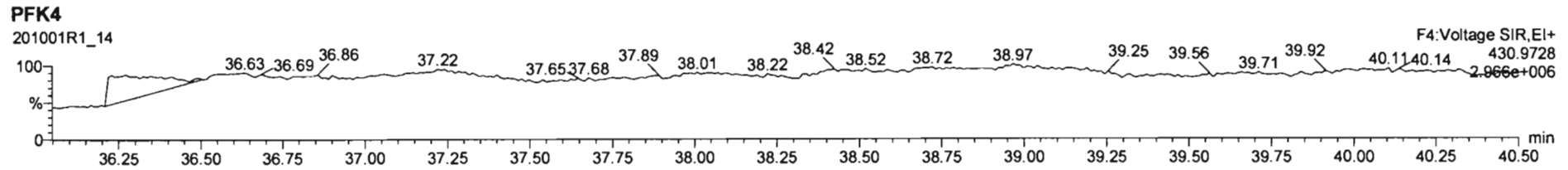
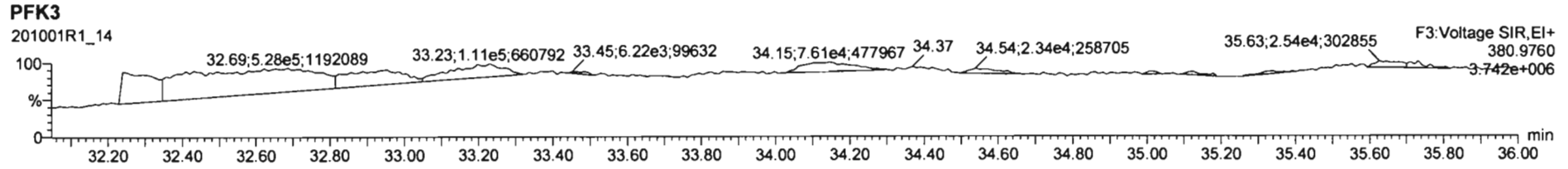
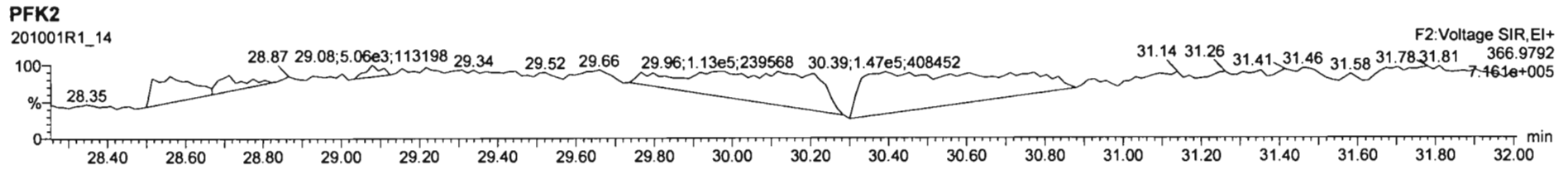
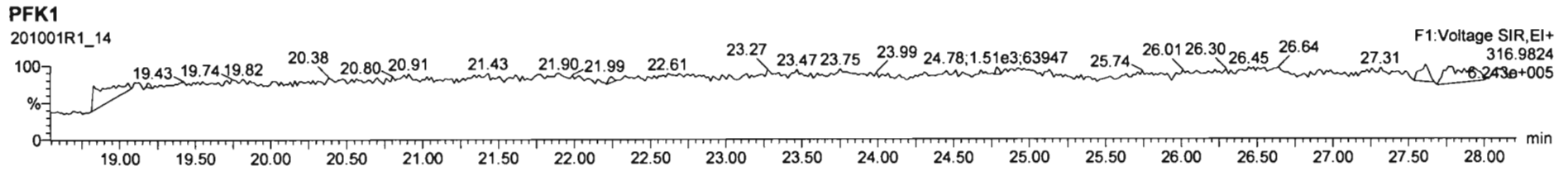


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Dataset: U:\VG12.PRO\Results\201001R1\201001R1-15.qld

Last Altered: Friday, October 02, 2020 08:55:45 Pacific Daylight Time
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GRB 10/02/2020

Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

CT 10/02/2020

Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	2.30e3	0.33	YES	1.02	5.318	26.448	26.45	1.001	1.001	0.54508		0.0508	0.315
2	2 1,2,3,7,8-PeCDD	2.98e3	0.64	NO	0.956	5.318	31.070	31.06	1.001	1.000	0.86131		0.0674	0.861
3	3 1,2,3,4,7,8-HxCDD	2.10e3	1.12	NO	1.00	5.318	34.369	34.38	1.000	1.001	0.81424		0.237	0.814
4	4 1,2,3,6,7,8-HxCDD	1.27e4	1.26	NO	0.888	5.318	34.476	34.49	1.000	1.000	5.0478		0.258	5.05
5	5 1,2,3,7,8,9-HxCDD	5.66e3	1.15	NO	0.909	5.318	34.763	34.76	1.000	1.000	2.2293		0.260	2.23
6	6 1,2,3,4,6,7,8-HpCDD	4.40e5	1.02	NO	0.832	5.318	38.211	38.21	1.000	1.000	243.48		0.906	243
7	7 OCDD	2.31e6	0.88	NO	0.862	5.318	41.136	41.15	1.000	1.000	1752.0		1.06	1750
8	8 2,3,7,8-TCDF	7.33e3	0.78	NO	0.735	5.318	25.756	25.77	1.000	1.001	1.9631		0.0728	1.96
9	9 1,2,3,7,8-PeCDF	1.39e4	1.48	NO	0.939	5.318	29.833	29.83	1.001	1.001	3.1481		0.103	3.15
10	10 2,3,4,7,8-PeCDF	8.48e3	1.52	NO	1.05	5.318	30.865	30.88	1.000	1.000	1.7569		0.0874	1.76
11	11 1,2,3,4,7,8-HxCDF	1.76e4	1.18	NO	0.842	5.318	33.443	33.45	1.000	1.000	6.4754		0.105	6.48
12	12 1,2,3,6,7,8-HxCDF	6.59e3	1.22	NO	0.894	5.318	33.592	33.59	1.000	1.000	2.3510		0.107	2.35
13	13 2,3,4,6,7,8-HxCDF	3.74e3	1.27	NO	0.870	5.318	34.274	34.27	1.001	1.001	1.4645		0.120	1.46
14	14 1,2,3,7,8,9-HxCDF	1.25e3	1.10	NO	0.855	5.318	35.275	35.29	1.001	1.001	0.53573		0.149	0.536
15	15 1,2,3,4,6,7,8-HpCDF	2.88e4	0.98	NO	0.891	5.318	36.874	36.86	1.001	1.001	15.079		0.265	15.1
16	16 1,2,3,4,7,8,9-HpCDF	3.03e3	1.00	NO	1.00	5.318	38.818	38.83	1.000	1.000	1.7464		0.228	1.75
17	17 OCDF	6.45e4	0.84	NO	0.784	5.318	41.435	41.44	1.000	1.000	51.242		0.231	51.2
18	18 13C-2,3,7,8-TCDD	1.56e6	0.79	NO	1.15	5.318	26.405	26.42	1.029	1.029	369.14	98.1	0.187	
19	19 13C-1,2,3,7,8-PeCDD	1.36e6	0.63	NO	0.887	5.318	30.994	31.05	1.207	1.210	417.92	111	0.432	
20	20 13C-1,2,3,4,7,8-HxCDD	9.67e5	1.30	NO	0.801	5.318	34.361	34.36	1.014	1.014	363.89	96.7	0.499	
21	21 13C-1,2,3,6,7,8-HxCDD	1.07e6	1.25	NO	0.892	5.318	34.490	34.48	1.018	1.017	361.03	96.0	0.448	
22	22 13C-1,2,3,7,8,9-HxCDD	1.05e6	1.25	NO	0.882	5.318	34.751	34.75	1.025	1.025	358.85	95.4	0.453	
23	23 13C-1,2,3,4,6,7,8-HpCDD	8.18e5	1.05	NO	0.719	5.318	38.184	38.20	1.127	1.127	342.86	91.2	0.835	
24	24 13C-OCDD	1.15e6	0.90	NO	0.563	5.318	41.112	41.14	1.213	1.214	616.37	81.9	0.928	
25	25 13C-2,3,7,8-TCDF	1.91e6	0.78	NO	1.01	5.318	25.748	25.74	1.003	1.003	363.19	96.6	0.260	
26	26 13C-1,2,3,7,8-PeCDF	1.77e6	1.59	NO	0.814	5.318	29.754	29.81	1.159	1.161	417.39	111	0.778	
27	27 13C-2,3,4,7,8-PeCDF	1.73e6	1.58	NO	0.768	5.318	30.791	30.86	1.200	1.202	432.14	115	0.825	
28	28 13C-1,2,3,4,7,8-HxCDF	1.21e6	0.51	NO	0.993	5.318	33.439	33.44	0.987	0.987	368.06	97.9	0.727	
29	29 13C-1,2,3,6,7,8-HxCDF	1.18e6	0.51	NO	0.990	5.318	33.582	33.58	0.991	0.991	359.14	95.5	0.728	
30	30 13C-2,3,4,6,7,8-HxCDF	1.10e6	0.50	NO	0.944	5.318	34.249	34.25	1.011	1.011	352.08	93.6	0.764	
31	31 13C-1,2,3,7,8,9-HxCDF	1.03e6	0.51	NO	0.842	5.318	35.266	35.25	1.041	1.040	367.55	97.7	0.857	

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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	8.05e5	0.43	NO	0.687	5.318	36.855	36.84	1.087	1.087	353.43	94.0	0.832	
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.52e5	0.43	NO	0.555	5.318	38.804	38.82	1.145	1.145	354.21	94.2	1.03	
34	34 13C-OCDF	1.21e6	0.85	NO	0.608	5.318	41.393	41.44	1.221	1.223	598.80	79.6	0.922	
35	35 37Cl-2,3,7,8-TCDD	7.31e5			1.18	5.318	26.435	26.45	1.030	1.030	169.13	112	0.0663	
36	36 13C-1,2,3,4-TCDD	1.38e6	0.78	NO	1.00	5.318	25.740	25.67	1.000	1.000	376.11	100	0.216	
37	37 13C-1,2,3,4-TCDF	1.96e6	0.79	NO	1.00	5.318	24.310	24.22	1.000	1.000	376.11	100	0.262	
38	38 13C-1,2,3,4,6,9-HxCDF	1.25e6	0.51	NO	1.00	5.318	33.920	33.89	1.000	1.000	376.11	100	0.721	
39	39 Total Tetra-Dioxins				1.02	5.318	24.620		0.000		3.6909		0.0508	4.15
40	40 Total Penta-Dioxins				0.956	5.318	29.960		0.000		8.0988		0.0674	8.82
41	41 Total Hexa-Dioxins				0.888	5.318	33.635		0.000		68.575		0.264	68.6
42	42 Total Hepta-Dioxins				0.832	5.318	37.640		0.000		521.26		0.906	521
43	43 Total Tetra-Furans				0.735	5.318	23.610		0.000		7.9192		0.0728	8.83
44	44 1st Func. Penta-Furans				0.939	5.318	27.230		0.000		5.8234		0.0221	5.82
45	45 Total Penta-Furans				0.939	5.318	29.275		0.000		11.314		0.100	11.3
46	46 Total Hexa-Furans				0.870	5.318	33.555		0.000		30.410		0.118	30.4
47	47 Total Hepta-Furans				0.891	5.318	37.835		0.000		53.893		0.261	53.9

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Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	22.73	9.174e3	1.188e4	7.041e2	9.226e2	0.76	NO	1.627e3	0.38595	0.38595	0.0508
2	Total Tetra-Dioxins	23.08	4.729e3	6.488e3	3.856e2	4.754e2	0.81	NO	8.610e2	0.20428	0.20428	0.0508
3	Total Tetra-Dioxins	23.63	3.755e3	5.857e3	3.422e2	4.212e2	0.81	NO	7.634e2	0.18112	0.18112	0.0508
4	Total Tetra-Dioxins	24.40	4.596e3	7.069e3	2.902e2	3.950e2	0.73	NO	6.851e2	0.16256	0.16256	0.0508
5	Total Tetra-Dioxins	24.64	1.207e4	1.599e4	9.936e2	1.300e3	0.76	NO	2.294e3	0.54418	0.54418	0.0508
6	Total Tetra-Dioxins	24.83	1.113e4	1.430e4	8.361e2	1.096e3	0.76	NO	1.932e3	0.45836	0.45836	0.0508
7	Total Tetra-Dioxins	25.02	3.431e3	4.782e3	2.263e2	3.264e2	0.69	NO	5.527e2	0.13114	0.13114	0.0508
8	Total Tetra-Dioxins	25.29	2.562e3	3.300e3	1.301e2	1.649e2	0.79	NO	2.951e2	0.070006	0.070006	0.0508
9	Total Tetra-Dioxins	25.41	6.109e3	6.035e3	4.337e2	5.004e2	0.87	NO	9.341e2	0.22161	0.22161	0.0508
10	Total Tetra-Dioxins	25.77	4.845e3	4.236e3	3.900e2	3.461e2	1.13	YES	0.000e0	0.00000	0.14534	0.0508
11	Total Tetra-Dioxins	26.16	2.561e4	3.545e4	1.978e3	2.454e3	0.81	NO	4.433e3	1.0517	1.0517	0.0508
12	2,3,7,8-TCDD	26.45	9.621e3	2.528e4	5.769e2	1.725e3	0.33	YES	2.302e3	0.00000	0.31464	0.0508
13	Total Tetra-Dioxins	26.75	6.921e3	6.764e3	3.470e2	4.499e2	0.77	NO	7.969e2	0.18906	0.18906	0.0508
14	Total Tetra-Dioxins	27.31	2.517e3	4.230e3	1.640e2	2.194e2	0.75	NO	3.834e2	0.090968	0.090968	0.0508

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.82	3.344e4	5.760e4	2.708e3	4.555e3	0.59	NO	7.263e3	2.1016	2.1016	0.0674
2	Total Penta-Dioxins	29.31	1.760e4	2.194e4	8.867e2	1.234e3	0.72	NO	2.121e3	0.61374	0.61374	0.0674
3	Total Penta-Dioxins	29.81	2.706e4	3.643e4	1.460e3	2.058e3	0.71	NO	3.517e3	1.0178	1.0178	0.0674
4	Total Penta-Dioxins	30.00	2.681e4	3.980e4	1.223e3	2.119e3	0.58	NO	3.342e3	0.96691	0.96691	0.0674
5	Total Penta-Dioxins	30.04	2.201e4	2.680e4	1.037e3	1.456e3	0.71	NO	0.000e0	0.00000	0.72131	0.0674
6	Total Penta-Dioxins	30.30	2.713e4	4.631e4	1.953e3	3.266e3	0.60	NO	5.219e3	1.5100	1.5100	0.0674
7	Total Penta-Dioxins	30.59	7.283e3	1.032e4	3.830e2	6.195e2	0.62	NO	1.002e3	0.29006	0.29006	0.0674
8	1,2,3,7,8-PeCDD	31.06	2.419e4	3.940e4	1.156e3	1.821e3	0.64	NO	2.977e3	0.86131	0.86131	0.0674
9	Total Penta-Dioxins	31.15	1.053e4	1.719e4	5.387e2	8.524e2	0.63	NO	1.391e3	0.40250	0.40250	0.0674
10	Total Penta-Dioxins	31.41	7.835e3	1.553e4	4.506e2	7.067e2	0.64	NO	1.157e3	0.33487	0.33487	0.0674

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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.72	7.646e5	6.189e5	3.666e4	2.952e4	1.24	NO	6.618e4	27.249	27.249	0.264
2	Total Hexa-Dioxins	33.33	7.906e4	6.884e4	4.265e3	3.518e3	1.21	NO	7.782e3	3.2045	3.2045	0.264
3	Total Hexa-Dioxins	33.61	5.011e5	4.000e5	3.642e4	2.905e4	1.25	NO	6.547e4	26.958	26.958	0.264
4	Total Hexa-Dioxins	33.72	3.501e4	2.708e4	1.755e3	1.335e3	1.31	NO	3.090e3	1.2725	1.2725	0.264
5	1,2,3,4,7,8-HxCDD	34.38	2.301e4	1.938e4	1.110e3	9.882e2	1.12	NO	2.098e3	0.81424	0.81424	0.237
6	1,2,3,6,7,8-HxCDD	34.49	1.131e5	8.921e4	7.097e3	5.634e3	1.26	NO	1.273e4	5.0478	5.0478	0.258
7	Total Hexa-Dioxins	34.66	4.214e4	3.546e4	2.401e3	1.969e3	1.22	NO	4.370e3	1.7993	1.7993	0.264
8	1,2,3,7,8,9-HxCDD	34.76	4.937e4	4.347e4	3.030e3	2.632e3	1.15	NO	5.662e3	2.2293	2.2293	0.260

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.24	3.476e6	3.453e6	2.525e5	2.498e5	1.01	NO	5.023e5	277.78	277.78	0.906
2	1,2,3,4,6,7,8-HpCDD	38.21	3.956e6	3.862e6	2.220e5	2.182e5	1.02	NO	4.403e5	243.48	243.48	0.906

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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	20.49	3.681e3	3.354e3	2.391e2	2.732e2	0.88	NO	5.122e2	0.13713	0.13713	0.0728
2	Total Tetra-Furans	21.07	4.721e3	6.118e3	3.492e2	4.505e2	0.78	NO	7.997e2	0.21410	0.21410	0.0728
3	Total Tetra-Furans	21.87	2.429e4	2.751e4	2.021e3	2.640e3	0.77	NO	4.661e3	1.2479	1.2479	0.0728
4	Total Tetra-Furans	22.78	1.176e4	1.927e4	1.284e3	1.945e3	0.66	NO	3.229e3	0.86445	0.86445	0.0728
5	Total Tetra-Furans	23.23	1.244e4	1.713e4	1.129e3	1.500e3	0.75	NO	2.629e3	0.70378	0.70378	0.0728
6	Total Tetra-Furans	23.33	2.741e3	4.231e3	2.121e2	2.859e2	0.74	NO	4.980e2	0.13332	0.13332	0.0728
7	Total Tetra-Furans	23.59	4.808e3	5.308e3	3.515e2	4.528e2	0.78	NO	8.043e2	0.21532	0.21532	0.0728
8	Total Tetra-Furans	24.29	9.008e3	9.052e3	3.981e2	4.951e2	0.80	NO	0.000e0	0.00000	0.23914	0.0728
9	Total Tetra-Furans	24.35	1.389e4	1.891e4	1.012e3	1.506e3	0.67	NO	0.000e0	0.00000	0.67409	0.0728
10	Total Tetra-Furans	24.77	3.768e4	4.581e4	2.290e3	3.100e3	0.74	NO	5.391e3	1.4432	1.4432	0.0728
11	Total Tetra-Furans	25.64	6.634e3	9.705e3	4.053e2	5.600e2	0.72	NO	9.652e2	0.25841	0.25841	0.0728
12	2,3,7,8-TCDF	25.77	5.069e4	6.687e4	3.204e3	4.129e3	0.78	NO	7.333e3	1.9631	1.9631	0.0728
13	Total Tetra-Furans	26.07	9.282e3	8.248e3	5.836e2	6.882e2	0.85	NO	1.272e3	0.34047	0.34047	0.0728
14	Total Tetra-Furans	27.25	6.255e3	6.085e3	2.840e2	4.098e2	0.69	NO	6.938e2	0.18574	0.18574	0.0728
15	Total Tetra-Furans	27.45	3.268e3	3.756e3	1.535e2	1.962e2	0.78	NO	3.498e2	0.093635	0.093635	0.0728
16	Total Tetra-Furans	27.64	2.837e3	4.766e3	1.771e2	2.662e2	0.67	NO	4.434e2	0.11870	0.11870	0.0728

Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1st Func. Penta-Furans	27.24	2.732e5	1.639e5	1.577e4	9.666e3	1.63	NO	2.543e4	5.8234	5.8234	0.0221

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-15.qld

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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.67	9.585e3	1.043e4	7.755e2	5.877e2	1.32	NO	1.363e3	0.31213	0.31213	0.100
2	Total Penta-Furans	28.85	1.350e5	7.943e4	8.752e3	5.418e3	1.62	NO	1.417e4	3.2444	3.2444	0.100
3	Total Penta-Furans	29.46	4.128e4	2.861e4	2.348e3	1.671e3	1.41	NO	4.019e3	0.92031	0.92031	0.100
4	Total Penta-Furans	29.63	1.349e4	9.118e3	6.223e2	4.151e2	1.50	NO	1.037e3	0.23753	0.23753	0.100
5	1,2,3,7,8-PeCDF	29.83	1.525e5	1.066e5	8.297e3	5.617e3	1.48	NO	1.391e4	3.1481	3.1481	0.103
6	Total Penta-Furans	30.07	6.269e4	3.201e4	2.625e3	1.635e3	1.61	NO	4.260e3	0.97544	0.97544	0.100
7	2,3,4,7,8-PeCDF	30.88	1.366e5	8.853e4	5.108e3	3.370e3	1.52	NO	8.478e3	1.7569	1.7569	0.0874
8	Total Penta-Furans	30.90	1.105e5	7.000e4	1.931e3	1.210e3	1.60	NO	3.142e3	0.71932	0.71932	0.100

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.19	5.803e4	4.791e4	2.632e3	2.082e3	1.26	NO	4.714e3	1.8033	1.8033	0.118
2	Total Hexa-Furans	32.36	2.074e5	1.806e5	9.756e3	8.208e3	1.19	NO	1.796e4	6.8722	6.8722	0.118
3	Total Hexa-Furans	32.99	3.027e5	2.542e5	1.458e4	1.235e4	1.18	NO	2.693e4	10.301	10.301	0.118
4	Total Hexa-Furans	33.34	4.594e3	4.042e3	2.466e2	1.961e2	1.26	NO	4.428e2	0.16938	0.16938	0.118
5	1,2,3,4,7,8-HxCDF	33.45	1.778e5	1.534e5	9.503e3	8.065e3	1.18	NO	1.757e4	6.4754	6.4754	0.105
6	1,2,3,6,7,8-HxCDF	33.59	6.310e4	5.343e4	3.617e3	2.974e3	1.22	NO	6.590e3	2.3510	2.3510	0.107
7	2,3,4,6,7,8-HxCDF	34.27	3.316e4	2.560e4	2.089e3	1.646e3	1.27	NO	3.736e3	1.4645	1.4645	0.120
8	1,2,3,7,8,9-HxCDF	35.29	1.747e4	1.475e4	6.550e2	5.951e2	1.10	NO	1.250e3	0.53573	0.53573	0.149
9	Total Hexa-Furans	35.31	1.929e4	1.445e4	6.248e2	5.187e2	1.20	NO	1.144e3	0.43746	0.43746	0.118

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,4,6,7,8-HpCDF	36.86	1.934e5	1.978e5	1.423e4	1.453e4	0.98	NO	2.876e4	15.079	15.079	0.265
2	Total Hepta-Furans	37.56	4.944e5	5.095e5	3.183e4	3.212e4	0.99	NO	6.395e4	37.068	37.068	0.261
3	1,2,3,4,7,8,9-HpCDF	38.83	2.659e4	2.550e4	1.513e3	1.513e3	1.00	NO	3.026e3	1.7464	1.7464	0.228

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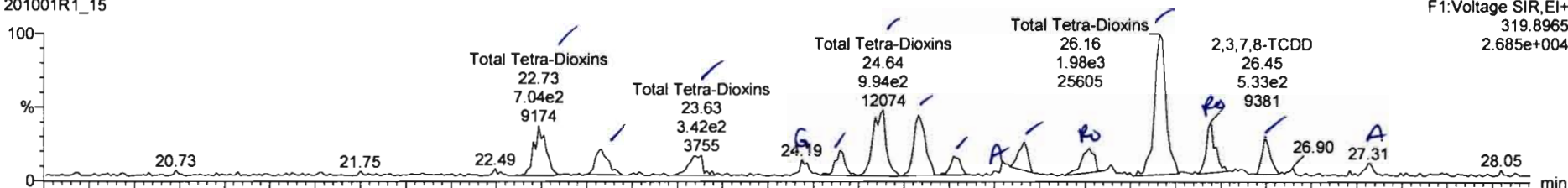
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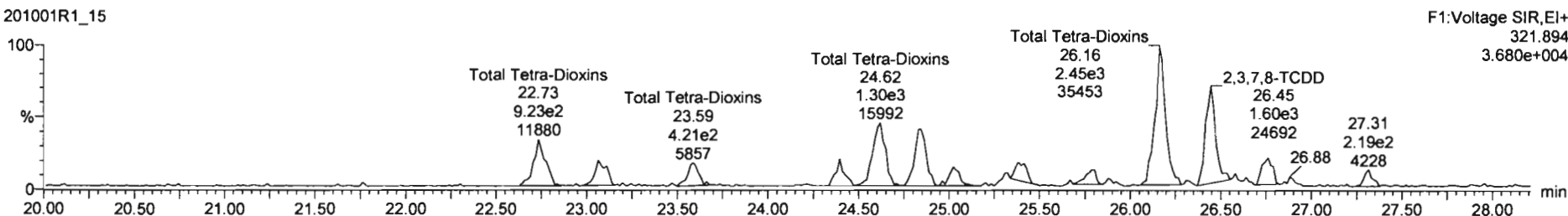
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2,3,7,8-TCDD

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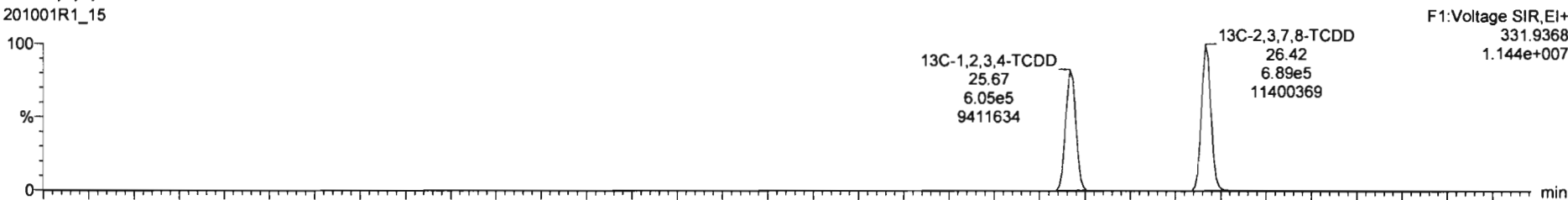


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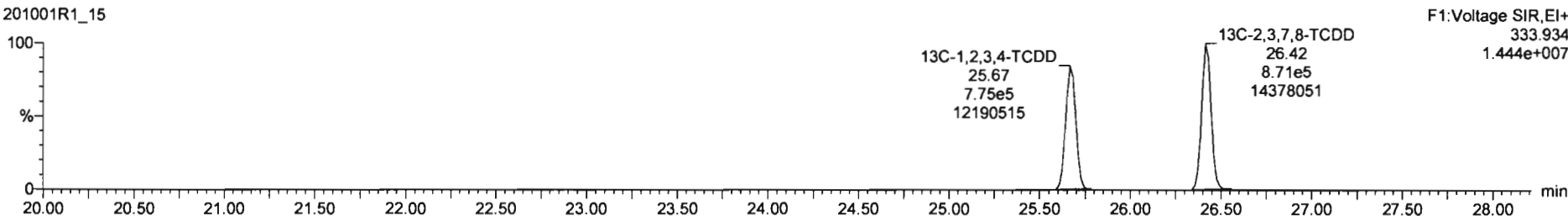


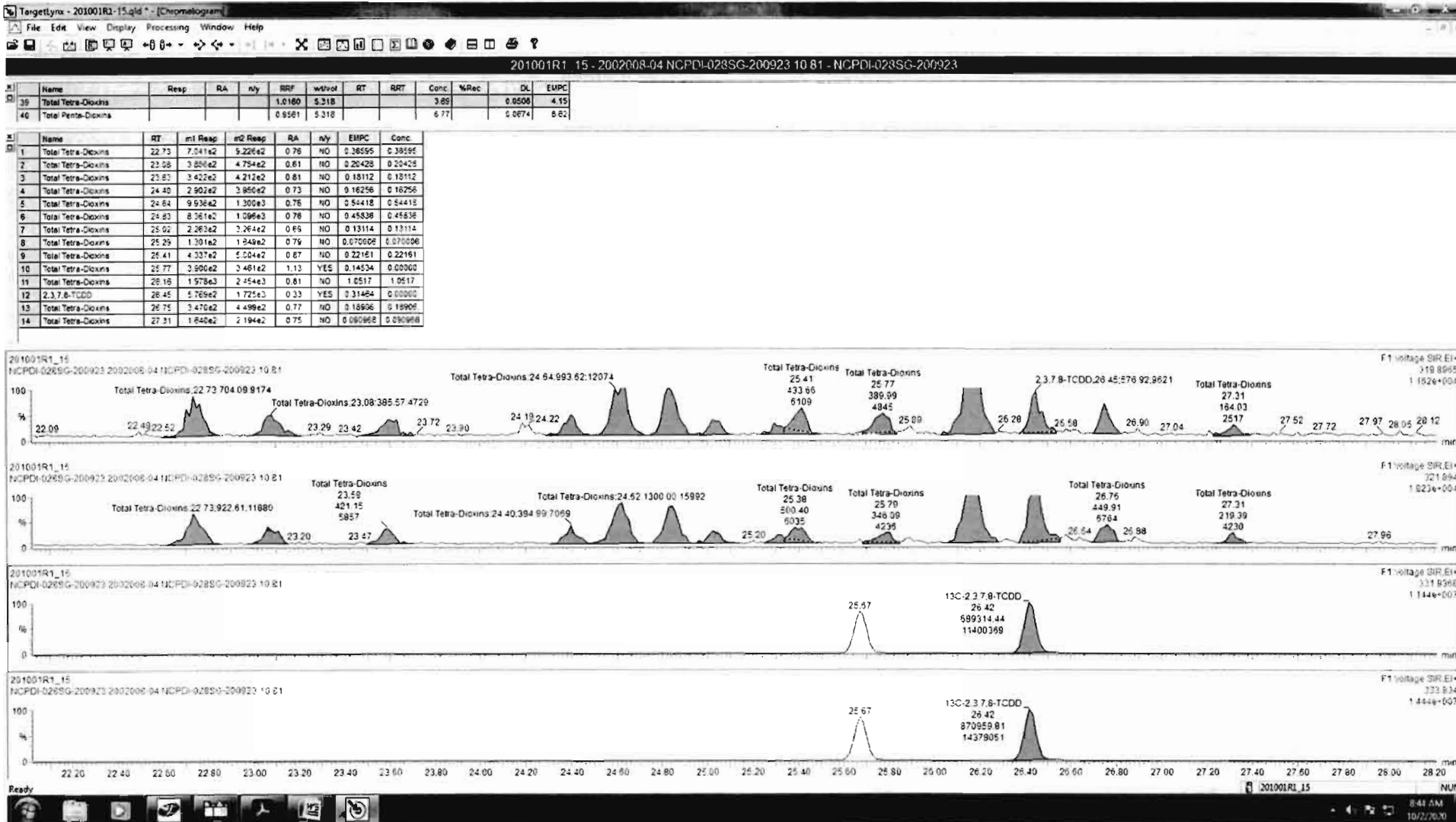
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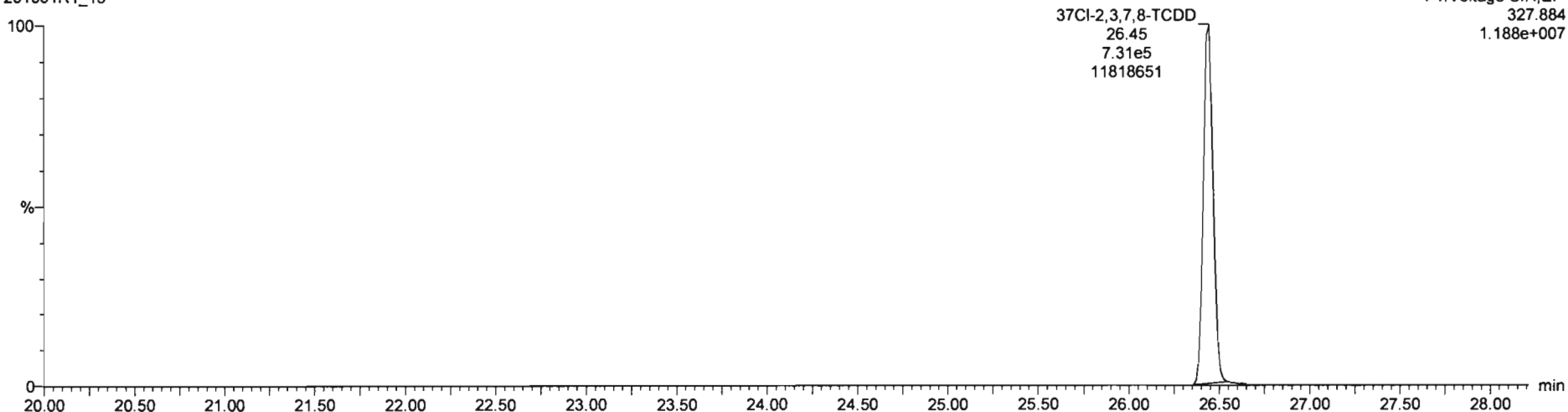
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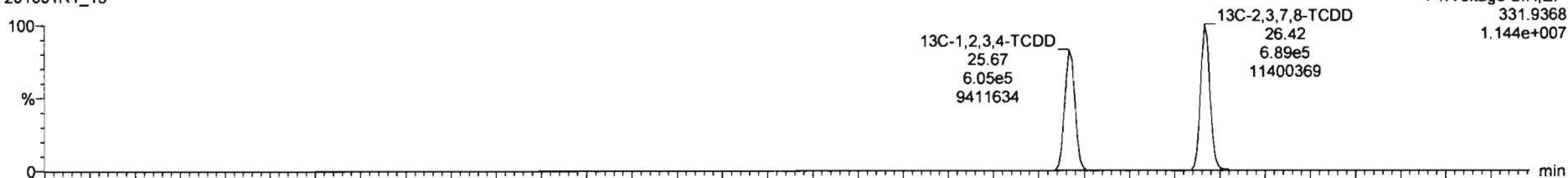
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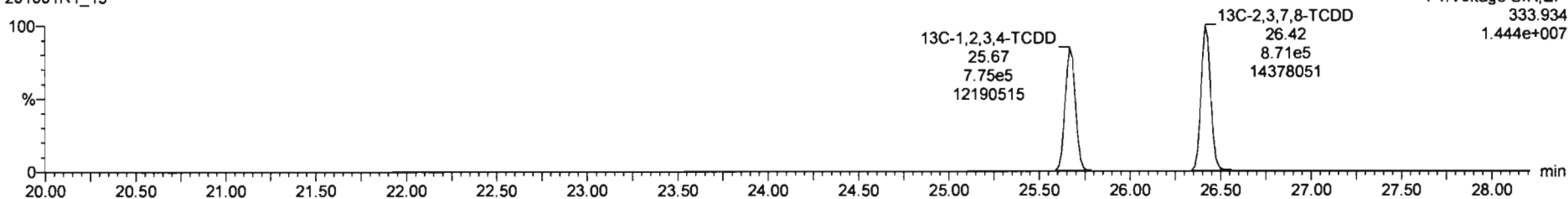


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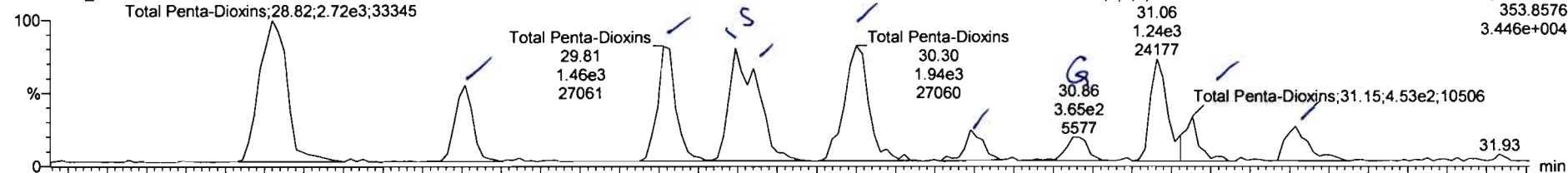
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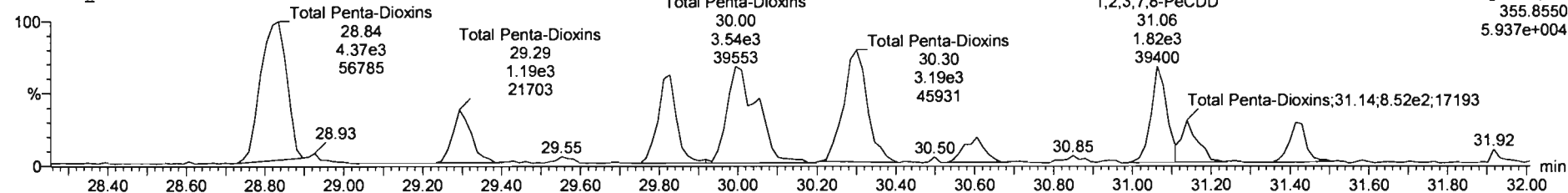
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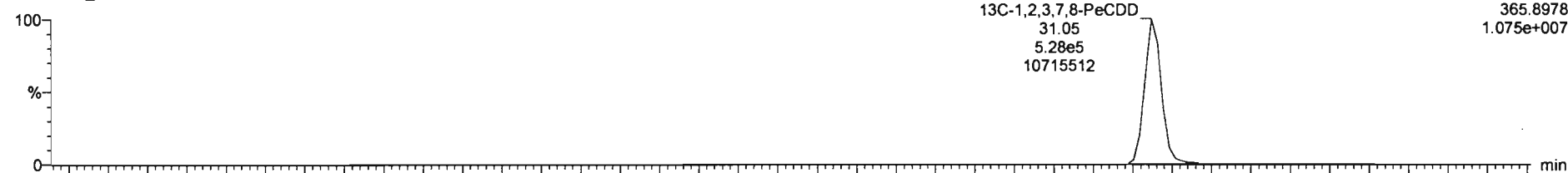


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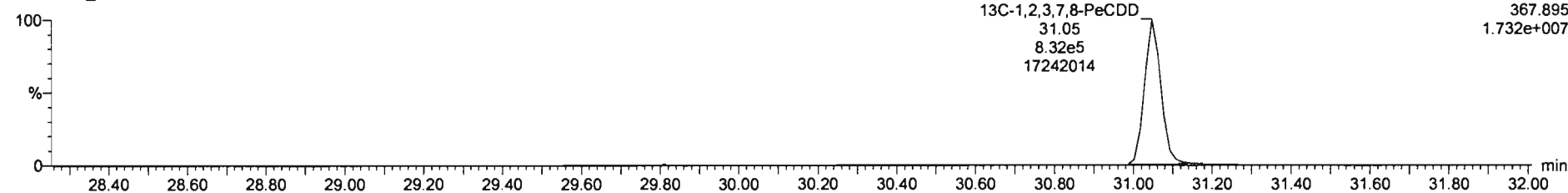


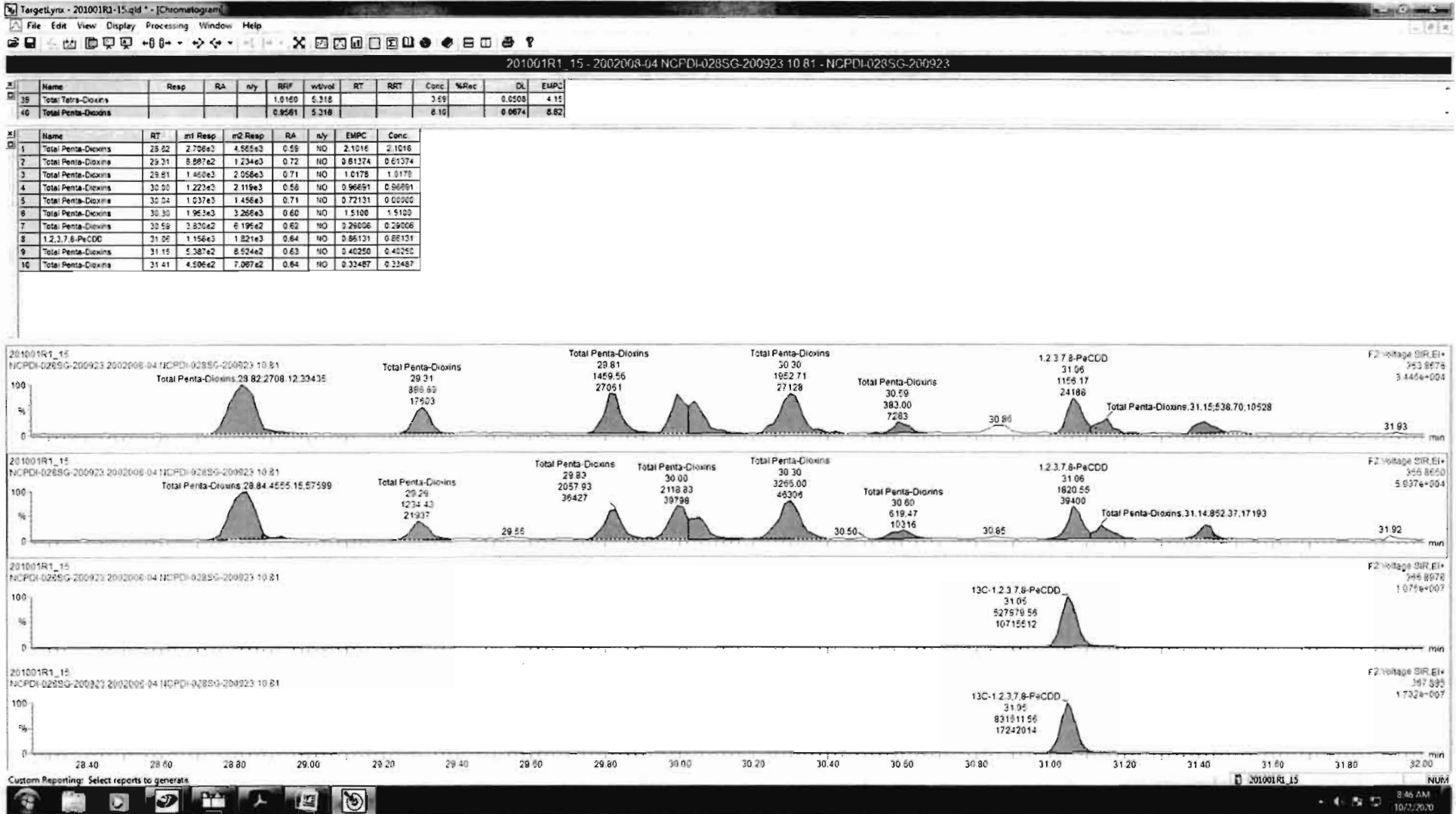
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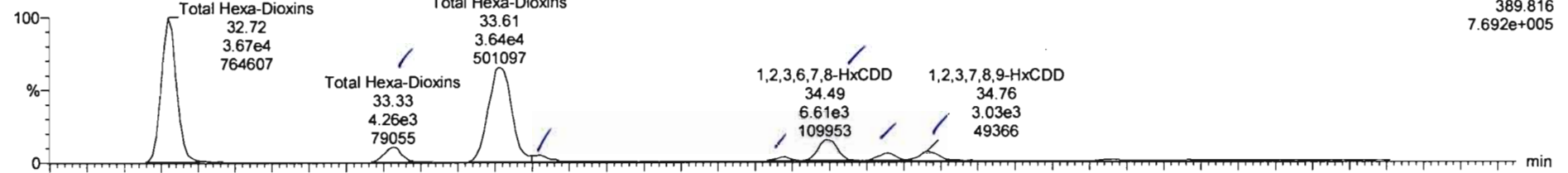
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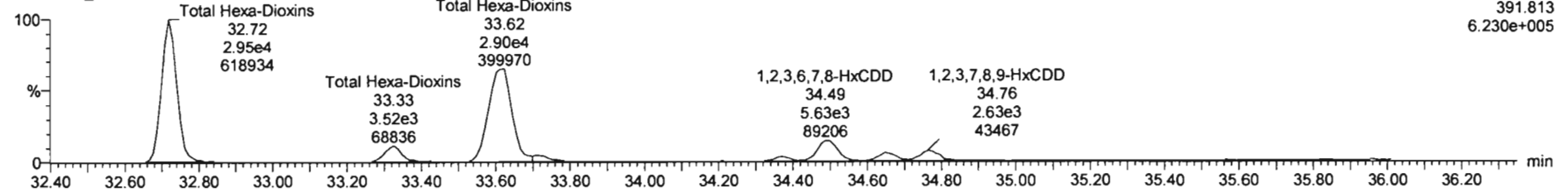
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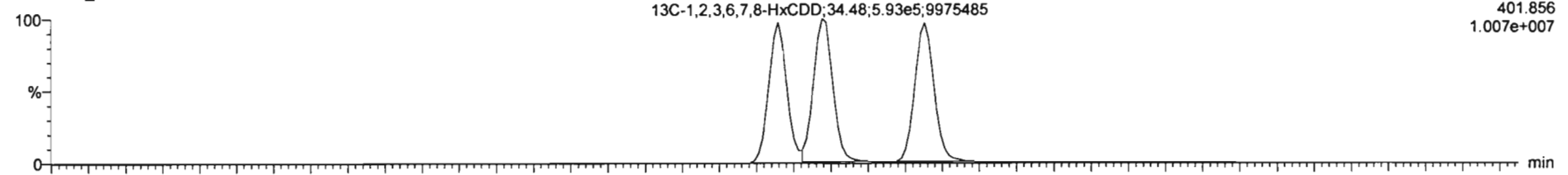


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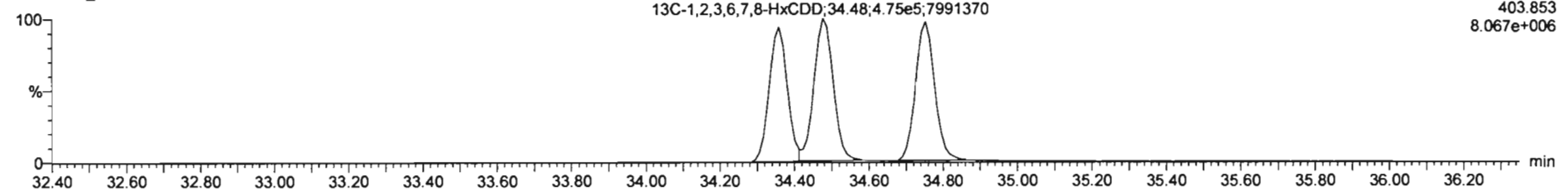


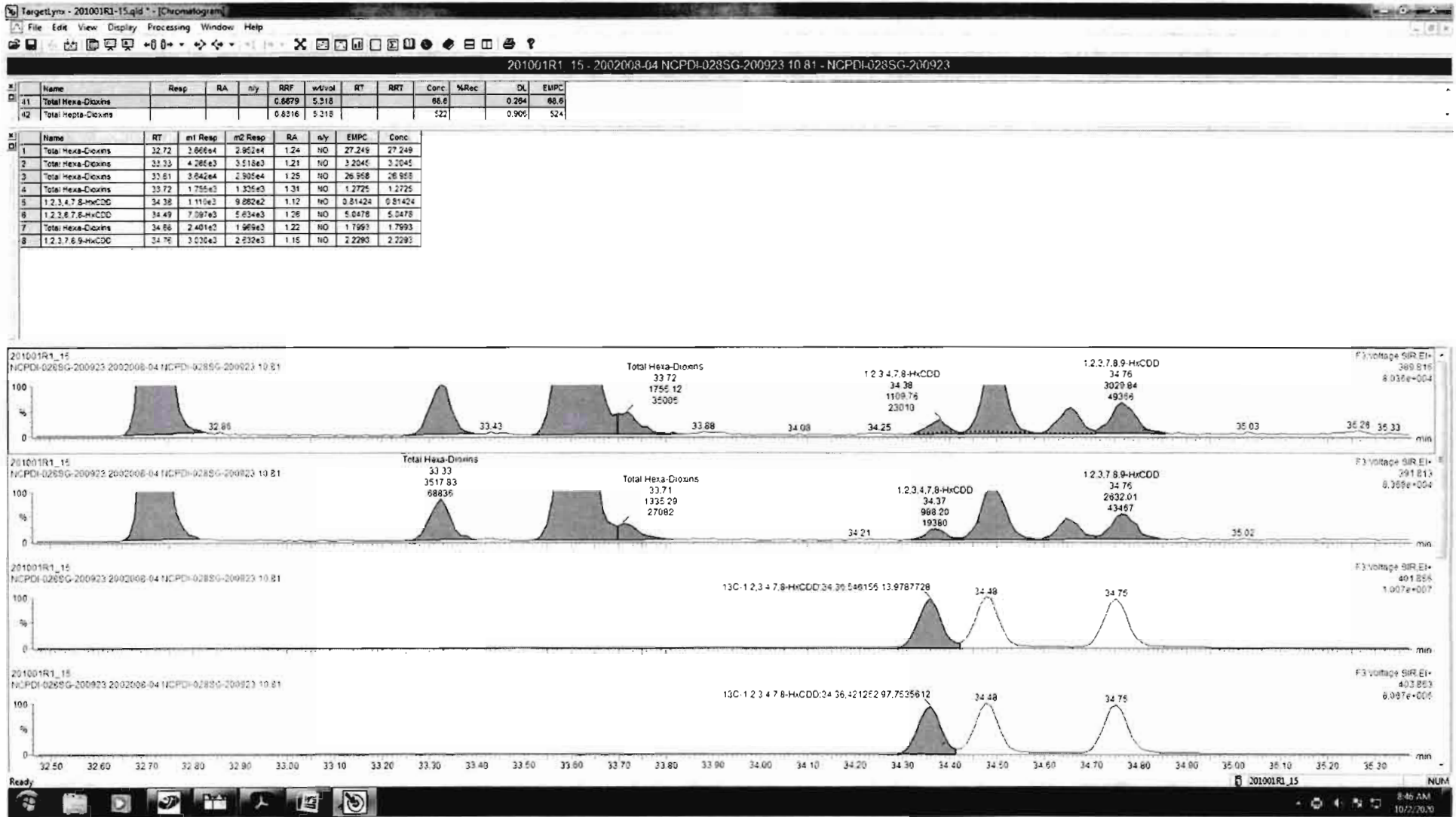
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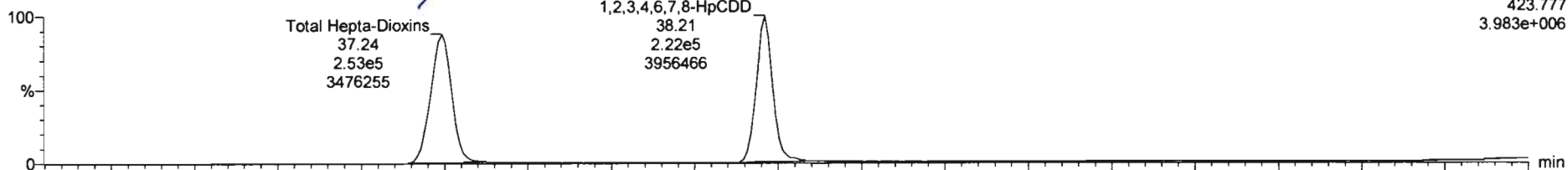
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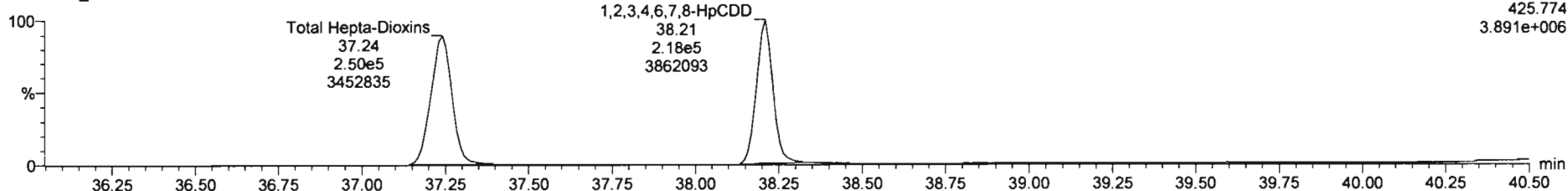
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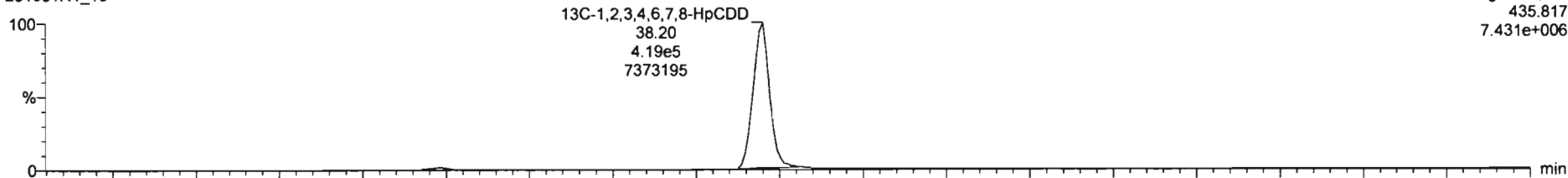


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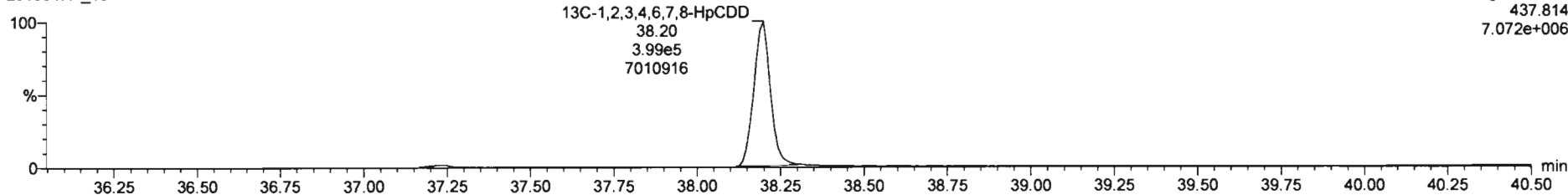


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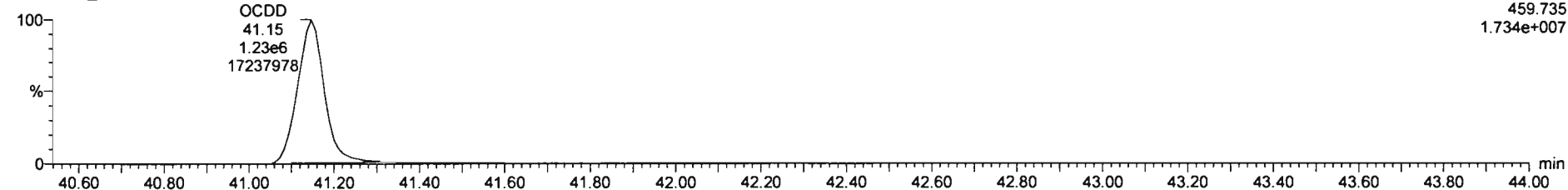
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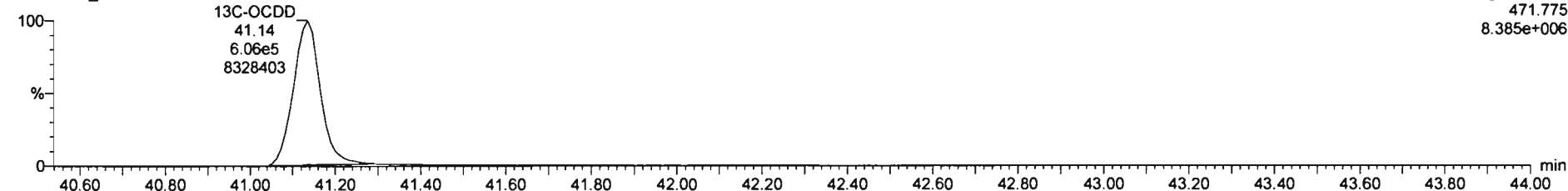


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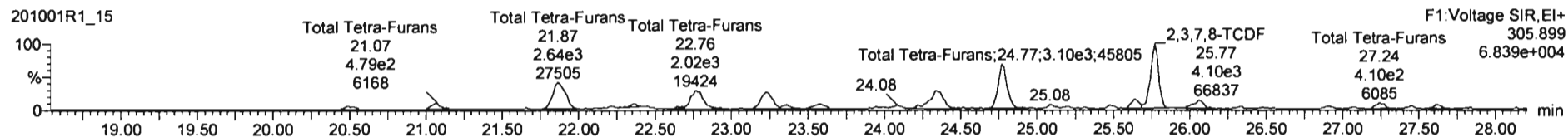
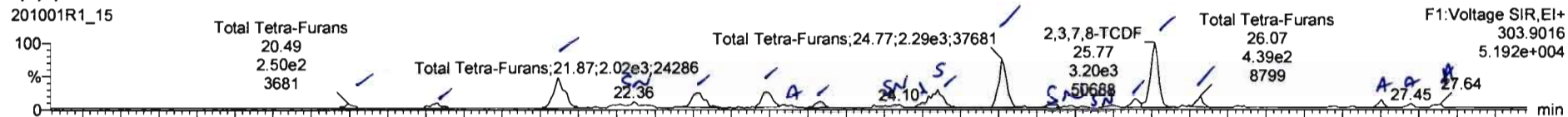


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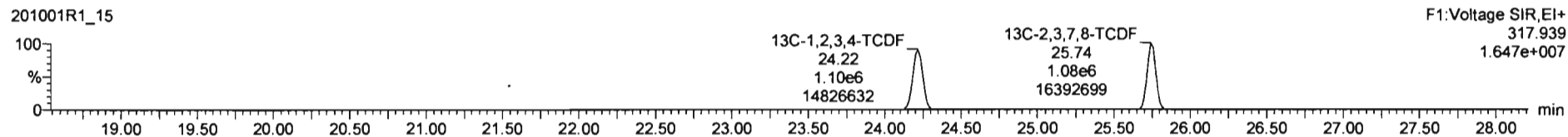
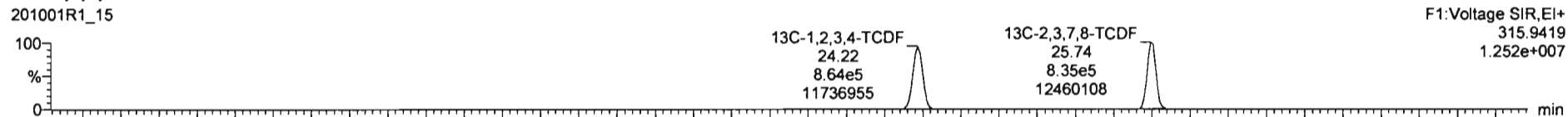
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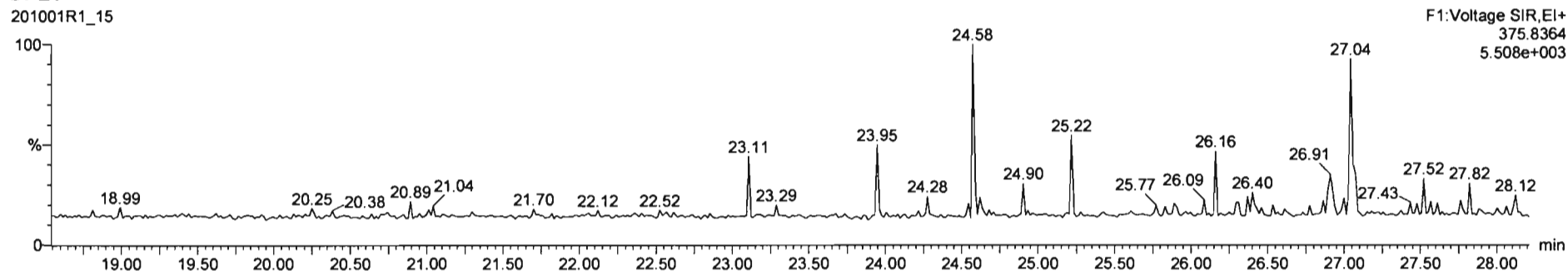
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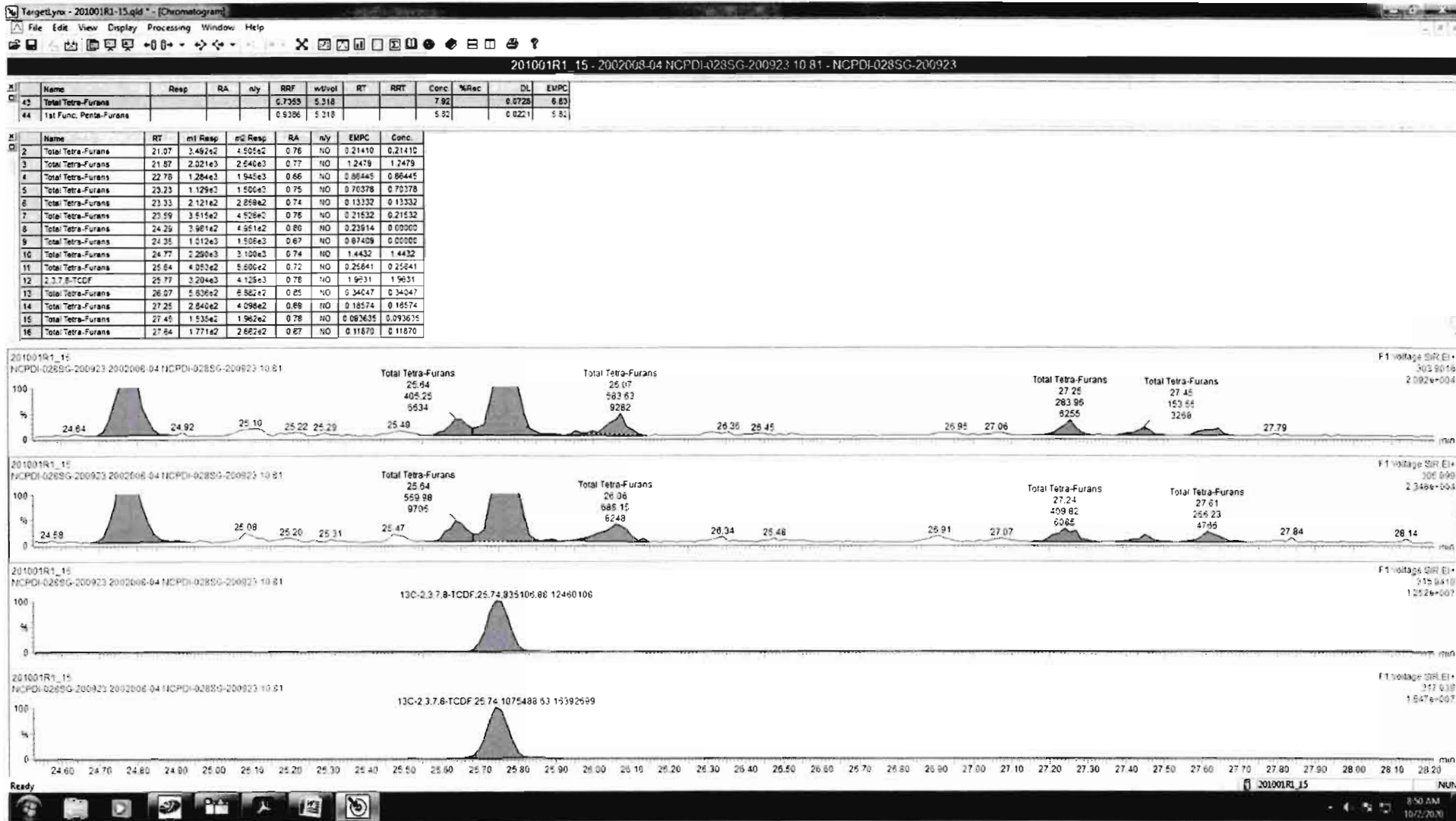


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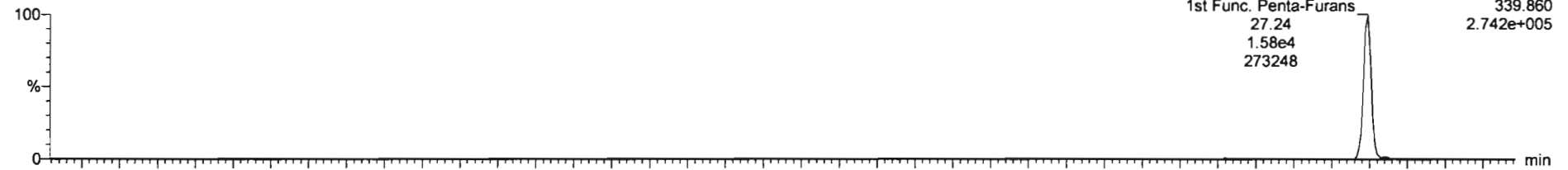
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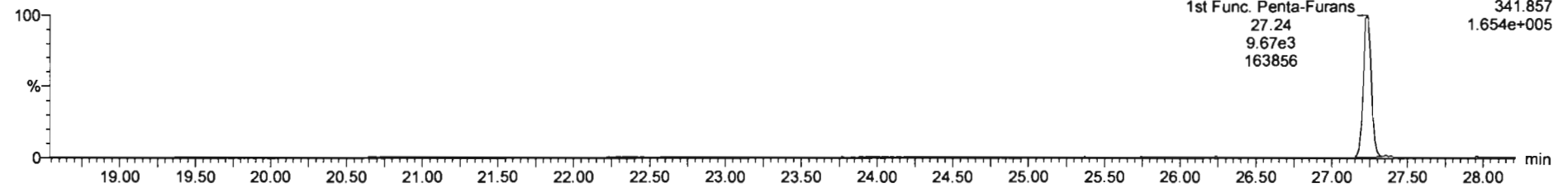
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1st Func. Penta-Furans

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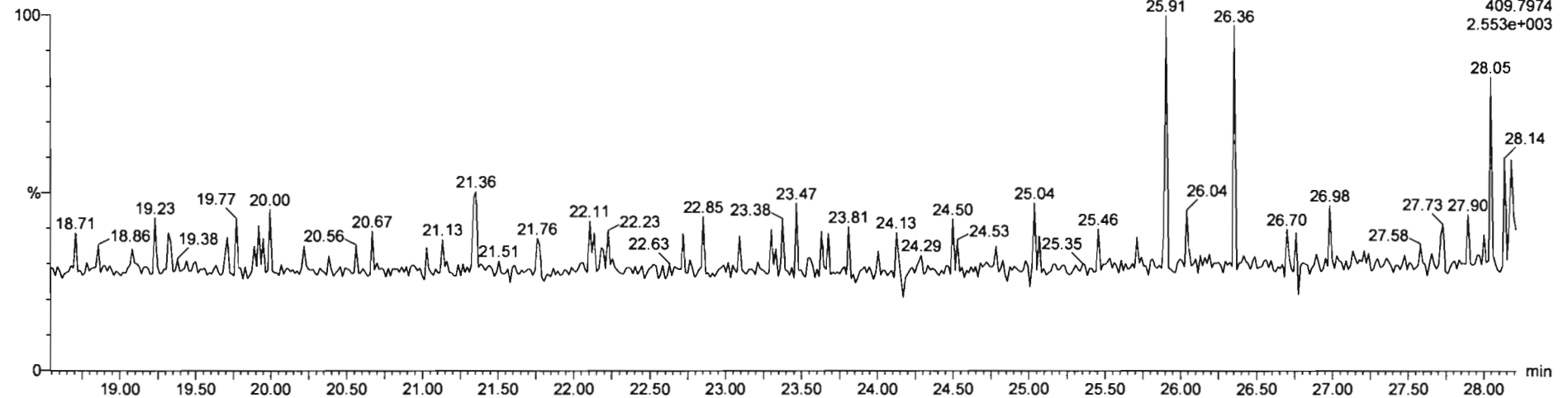


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DPE6

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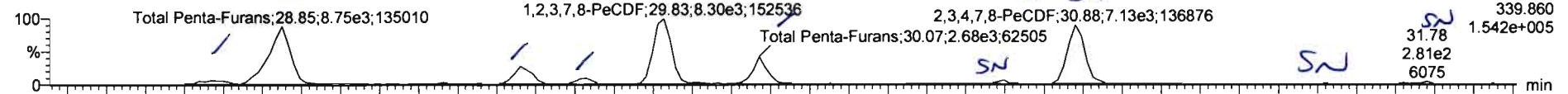
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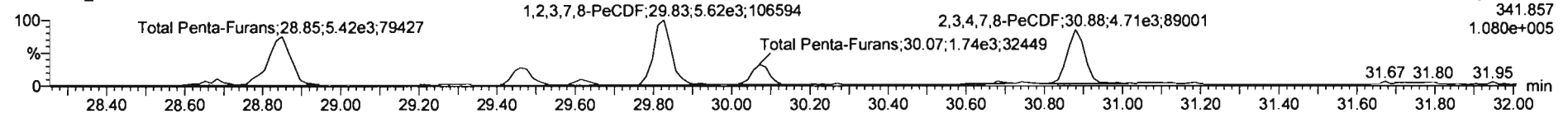
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1,2,3,7,8-PeCDF

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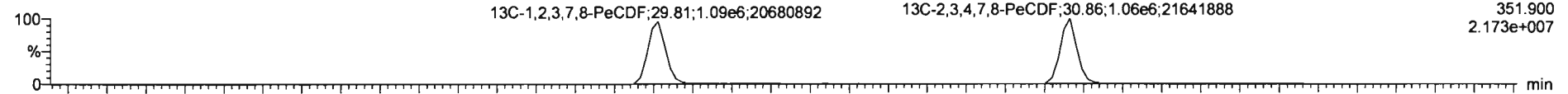


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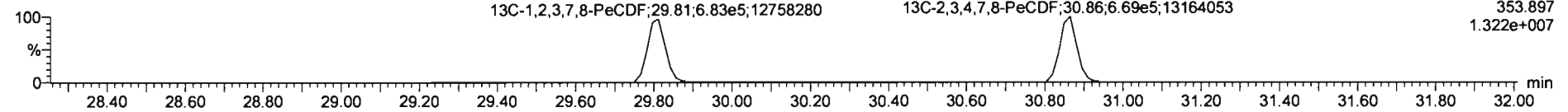


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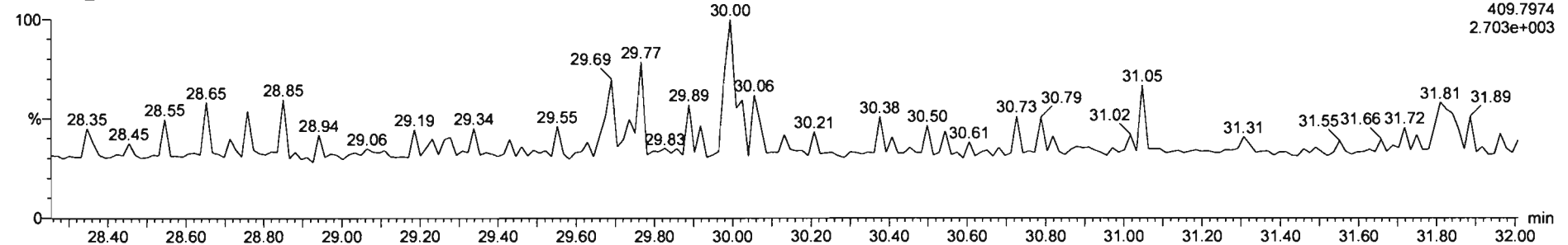


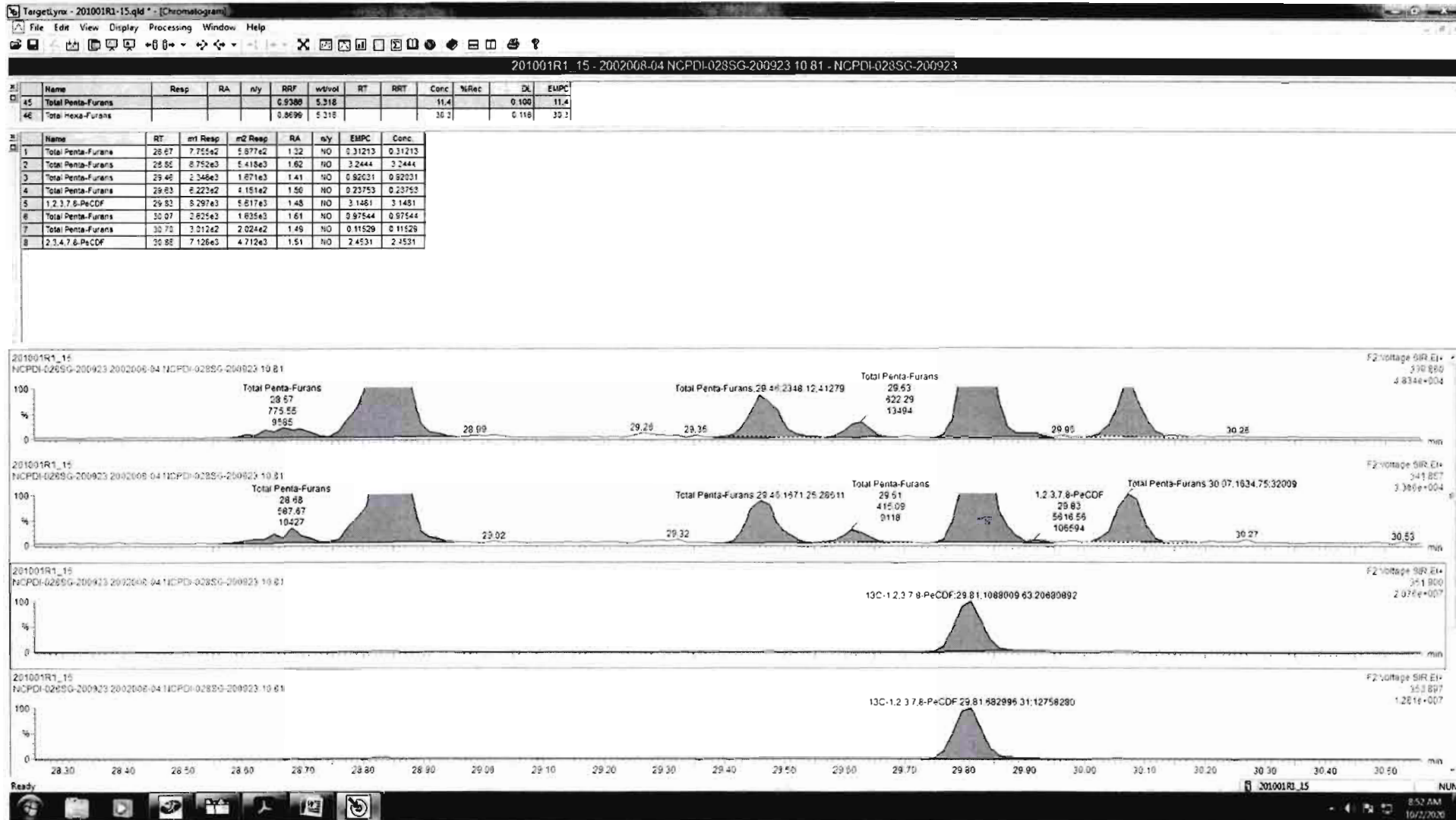
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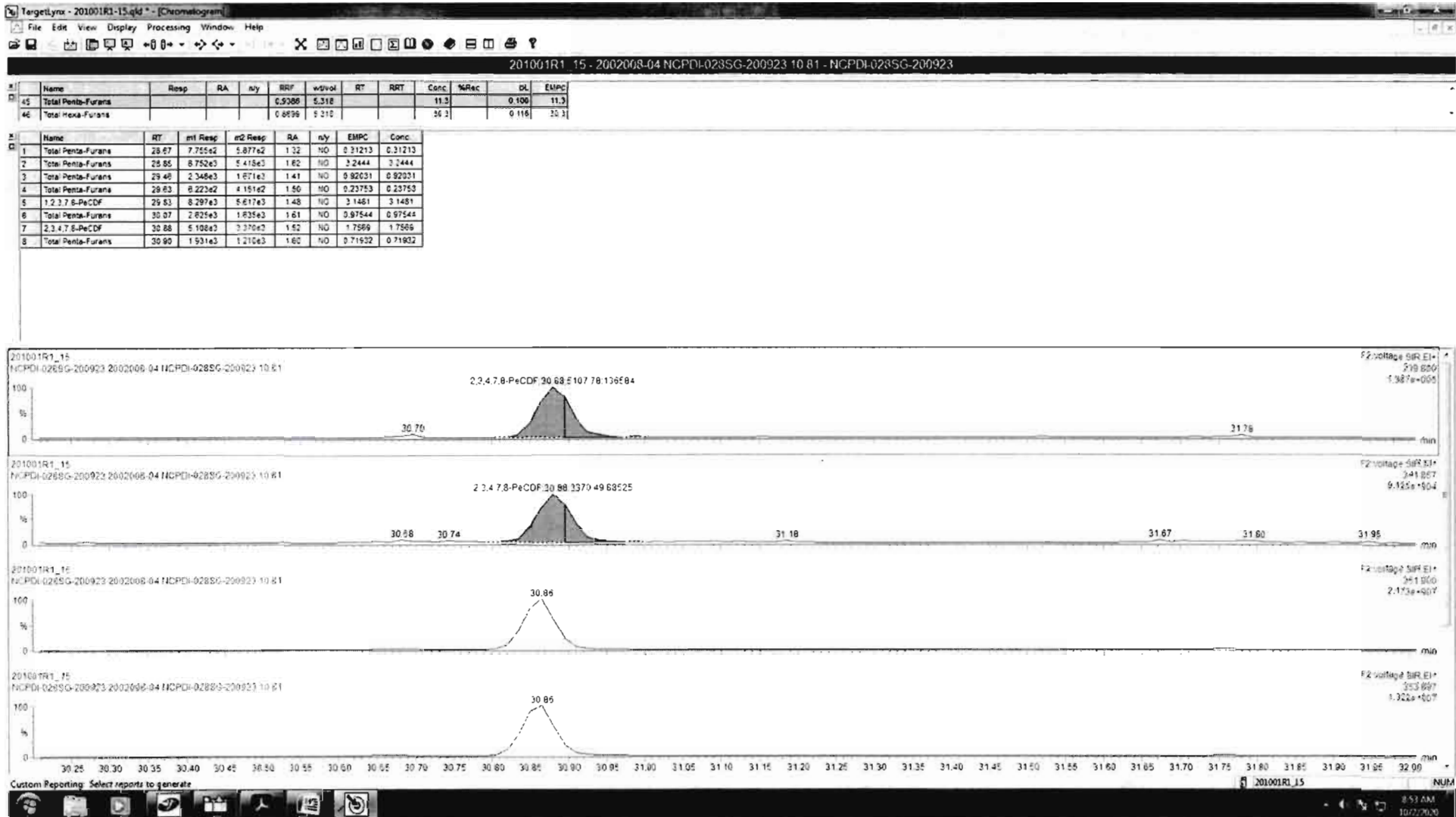


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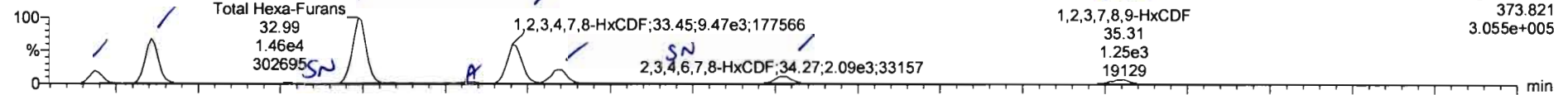
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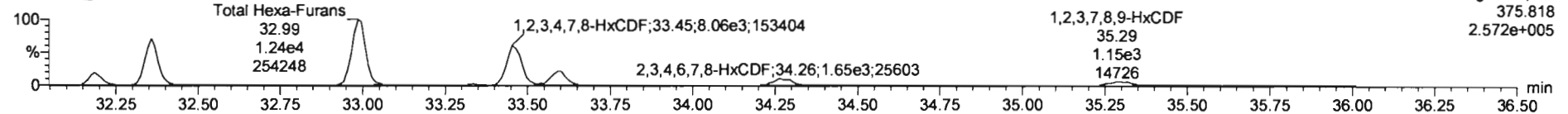
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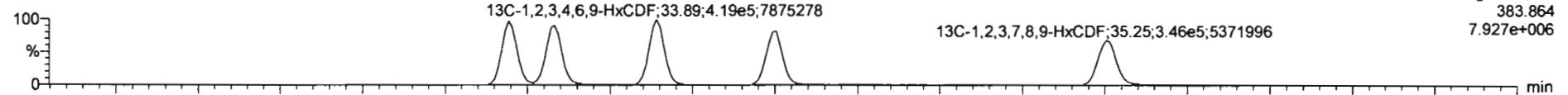


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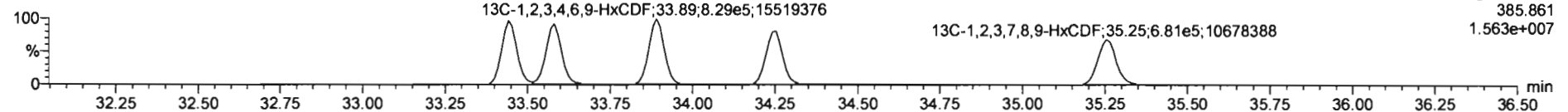


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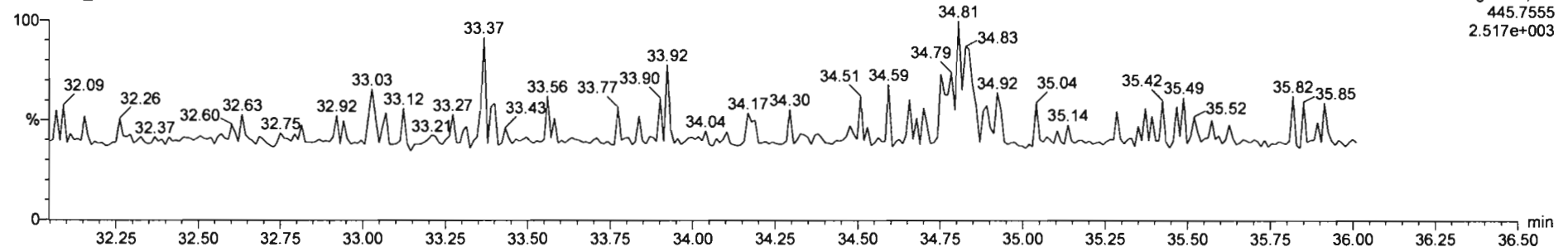


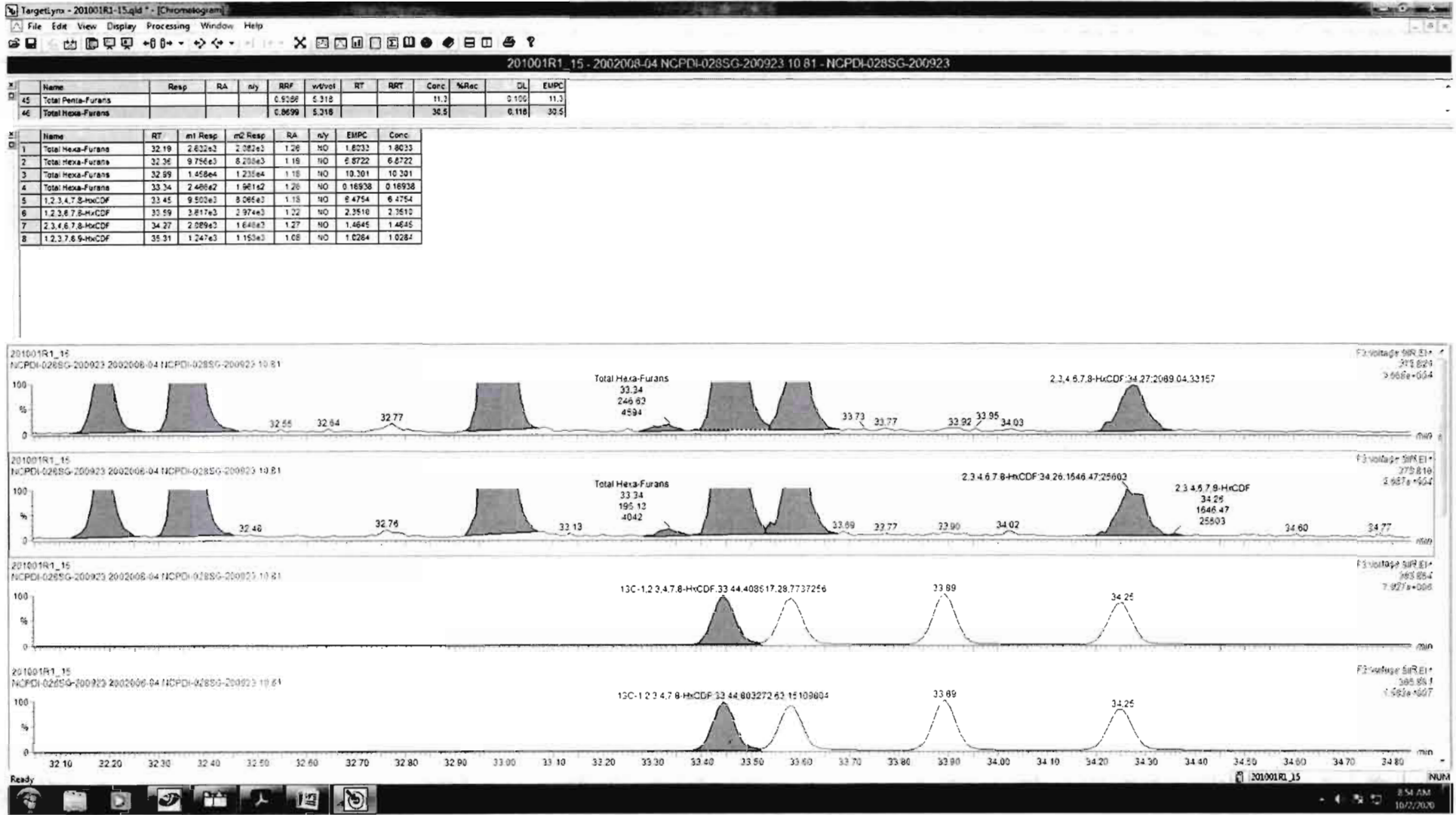
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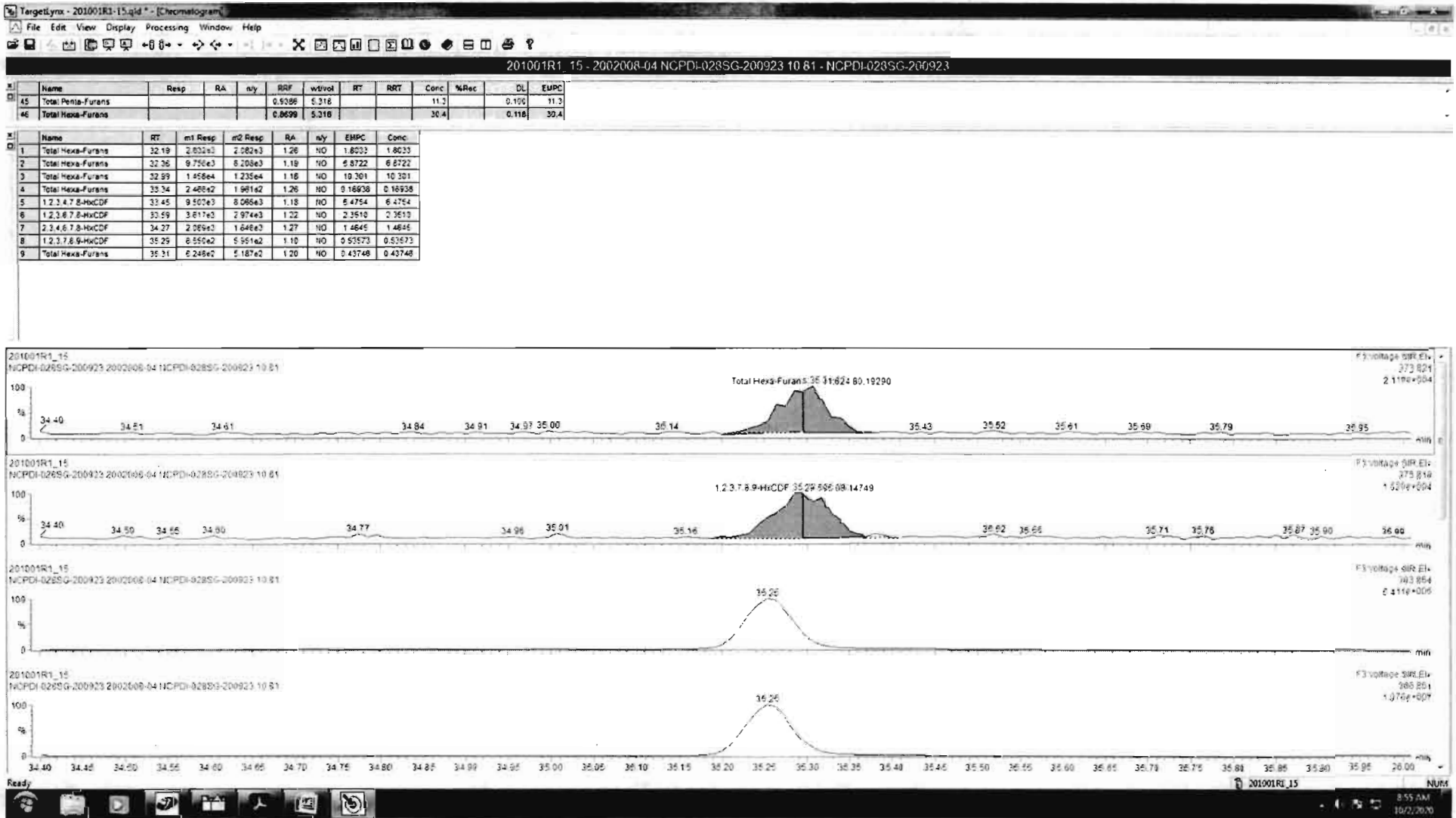


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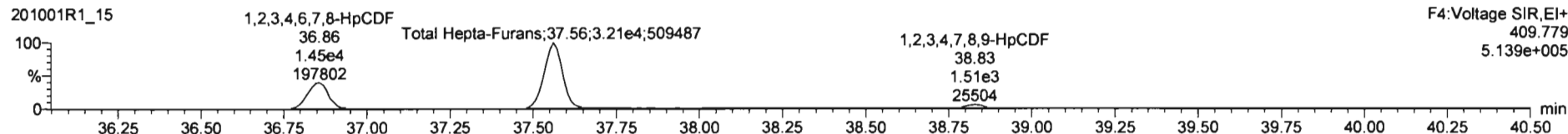
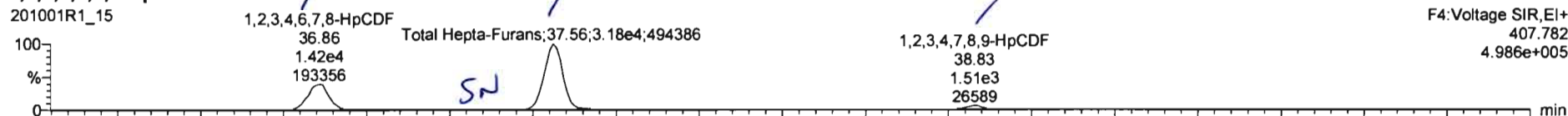


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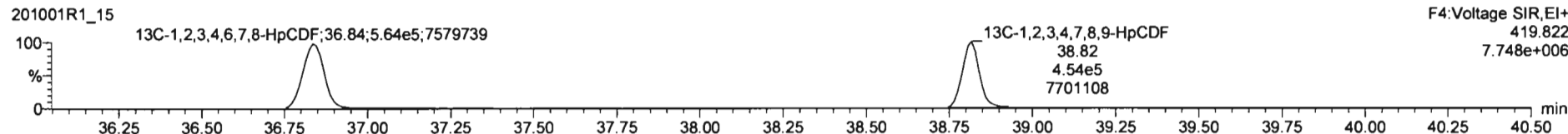
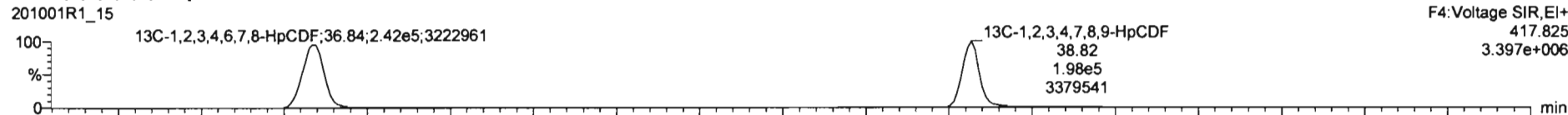
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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

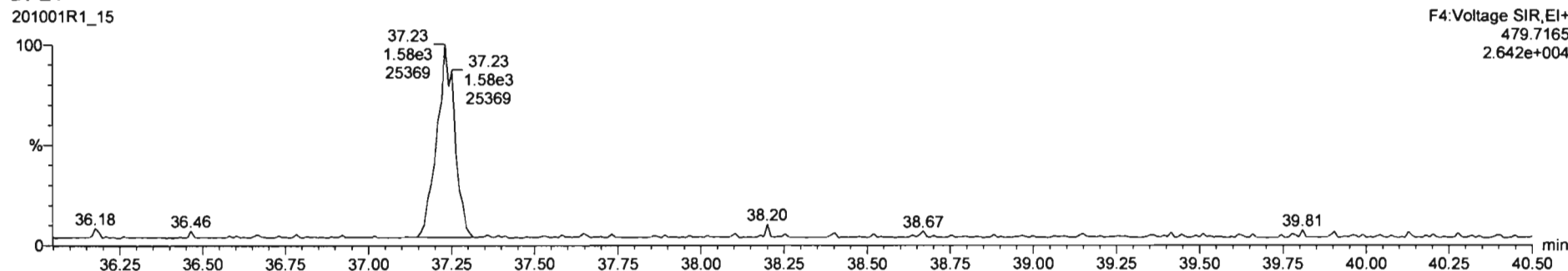
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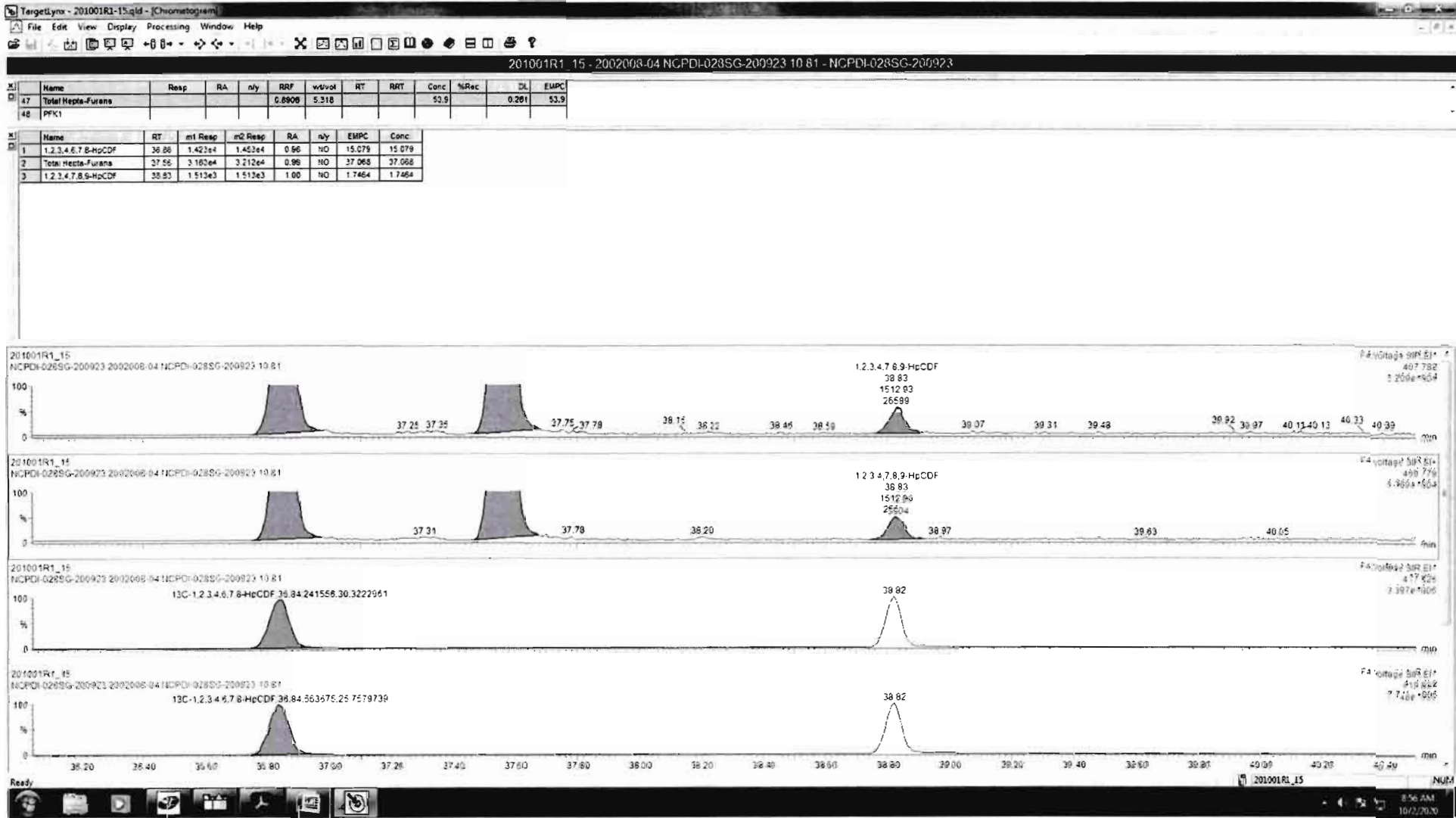


13C-1,2,3,4,6,7,8-HpCDF



DPE4



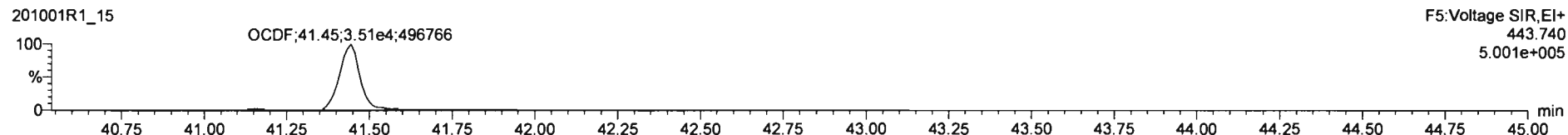
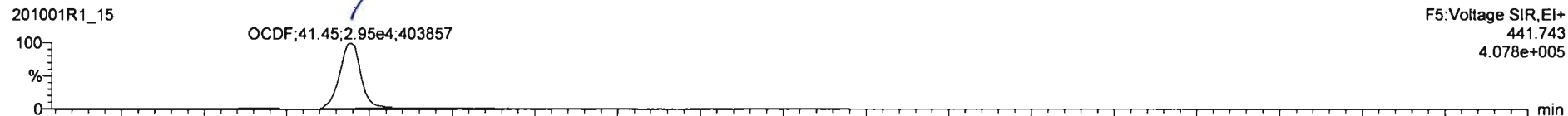


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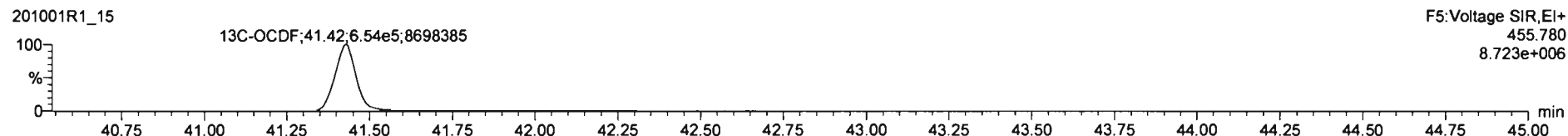
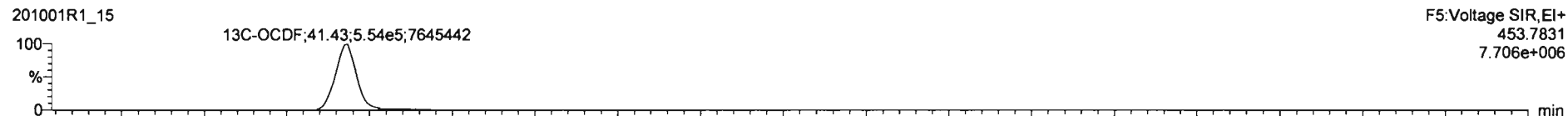
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Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923

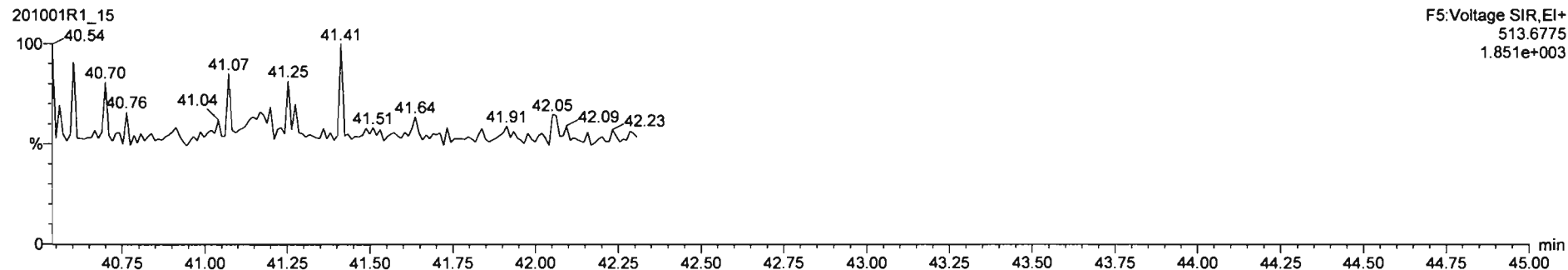
OCDF



13C-OCDF



DPE5

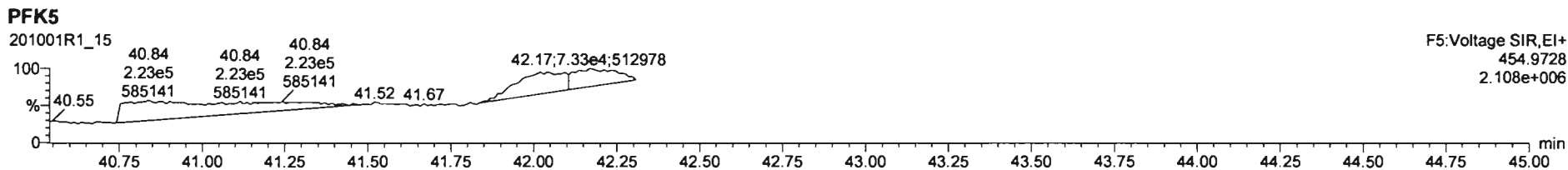
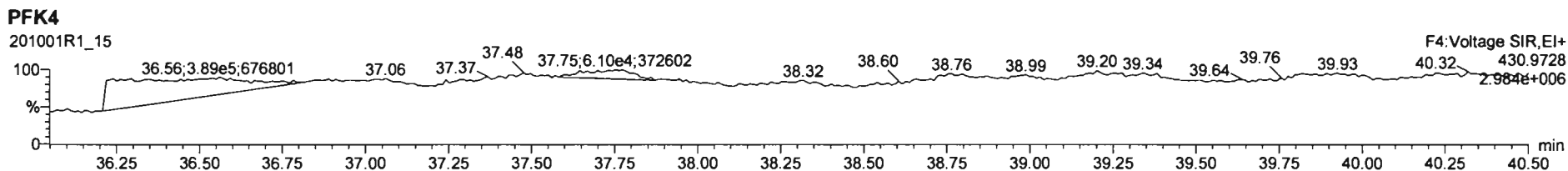
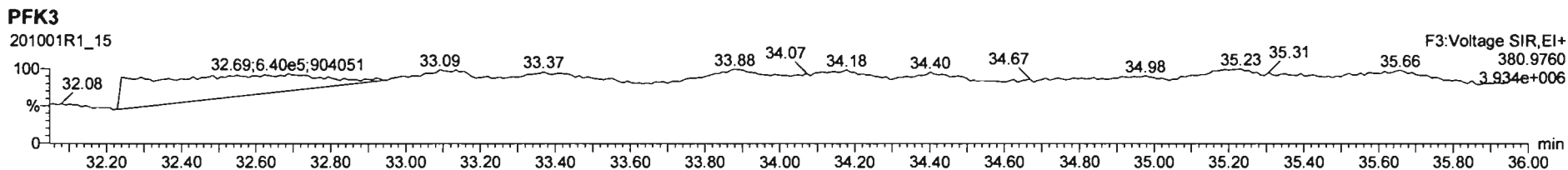
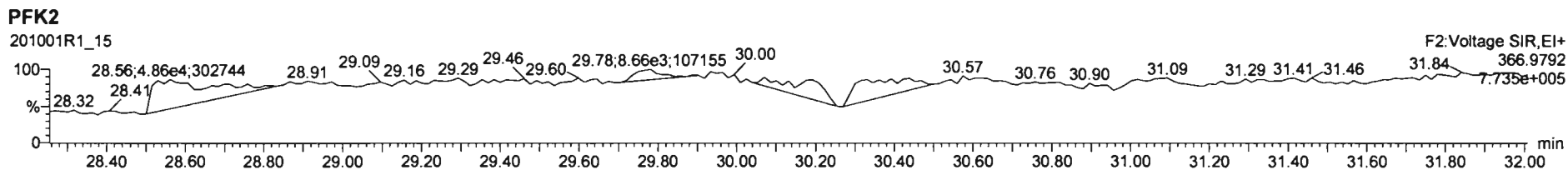
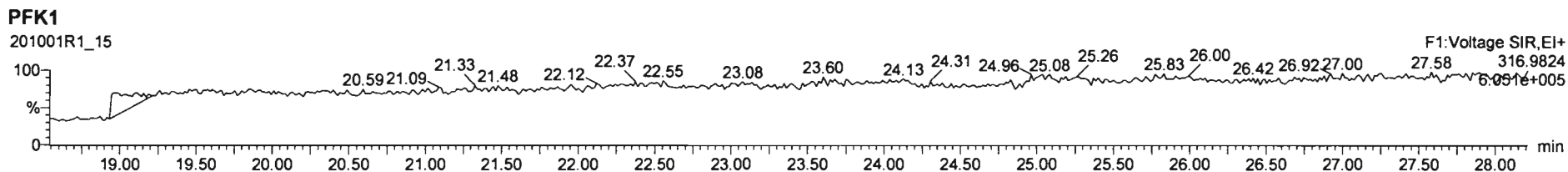


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Last Altered: Friday, October 02, 2020 6:43:51 AM Pacific Daylight Time

Printed: Friday, October 02, 2020 6:46:11 AM Pacific Daylight Time

Name: 201001R1_15, Date: 01-Oct-2020, Time: 19:44:54, ID: 2002008-04 NCPDI-028SG-200923 10.81, Description: NCPDI-028SG-200923



Dataset: U:\VG12.PRO\Results\201001R1\201001R1-16B.qld

Last Altered: Friday, October 02, 2020 10:14:09 Pacific Daylight Time

Printed: Friday, October 02, 2020 10:14:37 Pacific Daylight Time

GRB 10/02/2020

C7 10/02/2020

Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD			NO	1.02	6.254	26.448		1.001				0.0784	
2	2 1,2,3,7,8-PeCDD	9.45e2	0.55	NO	0.956	6.254	31.070	31.08	1.001	1.001	0.30738		0.116	0.307
3	3 1,2,3,4,7,8-HxCDD	1.64e3	1.42	NO	1.00	6.254	34.369	34.38	1.000	1.001	0.63138		0.215	0.631
4	4 1,2,3,6,7,8-HxCDD	7.93e3	1.30	NO	0.888	6.254	34.486	34.50	1.000	1.000	3.0056		0.218	3.01
5	5 1,2,3,7,8,9-HxCDD	3.81e3	1.16	NO	0.909	6.254	34.763	34.78	1.000	1.001	1.3497		0.203	1.35
6	6 1,2,3,4,6,7,8-HpCDD	3.03e5	1.02	NO	0.832	6.254	38.211	38.21	1.000	1.000	148.93		0.853	149
7	7 OCDD	1.85e6	0.88	NO	0.862	6.254	41.157	41.17	1.000	1.000	1298.2		0.979	1300
8	8 2,3,7,8-TCDF	6.96e3	0.77	NO	0.735	6.254	25.770	25.79	1.000	1.001	2.7816		0.100	2.78
9	9 1,2,3,7,8-PeCDF	9.96e3	1.55	NO	0.939	6.254	29.833	29.83	1.001	1.001	2.6796		0.0745	2.68
10	10 2,3,4,7,8-PeCDF	4.43e3	1.49	NO	1.05	6.254	30.864	30.88	1.000	1.001	1.1514		0.0696	1.15
11	11 1,2,3,4,7,8-HxCDF	1.35e4	1.20	NO	0.842	6.254	33.453	33.46	1.000	1.000	5.0786		0.109	5.08
12	12 1,2,3,6,7,8-HxCDF	3.62e3	1.14	NO	0.894	6.254	33.591	33.59	1.000	1.000	1.2554		0.106	1.26
13	13 2,3,4,6,7,8-HxCDF	1.80e3	1.10	NO	0.870	6.254	34.273	34.27	1.001	1.001	0.65809		0.113	0.658
14	14 1,2,3,7,8,9-HxCDF	4.03e2	1.22	NO	0.855	6.254	35.264	35.28	1.000	1.000	0.16408		0.138	0.164
15	15 1,2,3,4,6,7,8-HpCDF	2.93e4	1.04	NO	0.891	6.254	36.884	36.86	1.001	1.000	13.893		0.249	13.9
16	16 1,2,3,4,7,8,9-HpCDF	2.71e3	1.01	NO	1.00	6.254	38.818	38.83	1.000	1.000	1.4539		0.228	1.45
17	17 OCDF	7.94e4	0.85	NO	0.784	6.254	41.445	41.47	1.000	1.001	58.193		0.221	58.2
18	18 13C-2,3,7,8-TCDD	9.25e5	0.78	NO	1.15	6.254	26.420	26.42	1.029	1.029	189.72	59.3	0.140	
19	19 13C-1,2,3,7,8-PeCDD	1.03e6	0.62	NO	0.887	6.254	31.012	31.05	1.207	1.209	274.03	85.7	0.334	
20	20 13C-1,2,3,4,7,8-HxCDD	8.28e5	1.28	NO	0.801	6.254	34.361	34.36	1.014	1.014	275.45	86.1	0.413	
21	21 13C-1,2,3,6,7,8-HxCDD	9.50e5	1.27	NO	0.892	6.254	34.490	34.49	1.018	1.018	283.97	88.8	0.371	
22	22 13C-1,2,3,7,8,9-HxCDD	9.92e5	1.22	NO	0.882	6.254	34.751	34.75	1.025	1.025	299.71	93.7	0.375	
23	23 13C-1,2,3,4,6,7,8-HpCDD	7.81e5	1.06	NO	0.719	6.254	38.184	38.20	1.127	1.127	289.80	90.6	0.731	
24	24 13C-OCDD	1.06e6	0.89	NO	0.563	6.254	41.112	41.16	1.213	1.214	501.44	78.4	1.02	
25	25 13C-2,3,7,8-TCDF	1.09e6	0.78	NO	1.01	6.254	25.763	25.76	1.003	1.003	179.83	56.2	0.221	
26	26 13C-1,2,3,7,8-PeCDF	1.27e6	1.59	NO	0.814	6.254	29.772	29.81	1.159	1.161	259.51	81.1	0.542	
27	27 13C-2,3,4,7,8-PeCDF	1.17e6	1.60	NO	0.768	6.254	30.809	30.86	1.200	1.202	254.47	79.6	0.575	
28	28 13C-1,2,3,4,7,8-HxCDF	1.01e6	0.50	NO	0.993	6.254	33.439	33.45	0.987	0.987	272.08	85.1	0.477	
29	29 13C-1,2,3,6,7,8-HxCDF	1.03e6	0.51	NO	0.990	6.254	33.582	33.58	0.991	0.991	277.67	86.8	0.478	
30	30 13C-2,3,4,6,7,8-HxCDF	1.01e6	0.51	NO	0.944	6.254	34.249	34.25	1.011	1.011	284.41	88.9	0.502	
31	31 13C-1,2,3,7,8,9-HxCDF	9.19e5	0.50	NO	0.842	6.254	35.266	35.26	1.041	1.041	291.10	91.0	0.563	

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-16B.qld

Last Altered: Friday, October 02, 2020 10:14:09 Pacific Daylight Time

Printed: Friday, October 02, 2020 10:14:37 Pacific Daylight Time

Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

	# Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	32 13C-1,2,3,4,6,7,8-HpCDF	7.57e5	0.43	NO	0.687	6.254	36.855	36.85	1.087	1.087	293.94	91.9	0.665	
33	33 13C-1,2,3,4,7,8,9-HpCDF	5.96e5	0.43	NO	0.555	6.254	38.804	38.82	1.145	1.145	286.84	89.7	0.823	
34	34 13C-OCDF	1.11e6	0.87	NO	0.608	6.254	41.393	41.44	1.221	1.223	488.02	76.3	0.757	
35	35 37Cl-2,3,7,8-TCDD	4.33e5			1.18	6.254	26.451	26.45	1.030	1.030	86.908	67.9	0.0546	
36	36 13C-1,2,3,4-TCDD	1.35e6	0.78	NO	1.00	6.254	25.740	25.68	1.000	1.000	319.80	100	0.162	
37	37 13C-1,2,3,4-TCDF	1.92e6	0.78	NO	1.00	6.254	24.310	24.22	1.000	1.000	319.80	100	0.224	
38	38 13C-1,2,3,4,6,9-HxCDF	1.20e6	0.51	NO	1.00	6.254	33.920	33.89	1.000	1.000	319.80	100	0.474	
39	39 Total Tetra-Dioxins				1.02	6.254	24.620		0.000		1.5458		0.0784	1.84
40	40 Total Penta-Dioxins				0.956	6.254	29.960		0.000		2.5642		0.116	3.48
41	41 Total Hexa-Dioxins				0.888	6.254	33.635		0.000		36.881		0.222	36.9
42	42 Total Hepta-Dioxins				0.832	6.254	37.640		0.000		359.90		0.853	360
43	43 Total Tetra-Furans				0.735	6.254	23.610		0.000		8.9934		0.100	9.84
44	44 1st Func. Penta-Furans				0.939	6.254	27.230		0.000		2.7069		0.0239	2.71
45	45 Total Penta-Furans				0.939	6.254	29.275		0.000		8.4289		0.0761	8.43
46	46 Total Hexa-Furans				0.870	6.254	33.555		0.000		19.945		0.115	20.6
47	47 Total Hepta-Furans				0.891	6.254	37.835		0.000		52.321		0.252	52.3

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-16B.qld

Last Altered: Friday, October 02, 2020 10:14:09 Pacific Daylight Time

Printed: Friday, October 02, 2020 10:14:37 Pacific Daylight Time

Method: Untitled 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	22.75	6.381e3	7.059e3	4.623e2	6.440e2	0.72	NO	1.106e3	0.37633	0.37633	0.0784
2	Total Tetra-Dioxins	23.06	3.446e3	3.530e3	2.560e2	3.001e2	0.85	NO	5.561e2	0.18915	0.18915	0.0784
3	Total Tetra-Dioxins	23.57	2.605e3	3.714e3	1.445e2	2.030e2	0.71	NO	3.475e2	0.11820	0.11820	0.0784
4	Total Tetra-Dioxins	24.41	2.962e3	5.256e3	2.116e2	2.849e2	0.74	NO	4.965e2	0.16888	0.16888	0.0784
5	Total Tetra-Dioxins	24.60	3.349e3	2.999e3	2.575e2	2.820e2	0.91	YES	0.000e0	0.00000	0.16979	0.0784
6	Total Tetra-Dioxins	24.82	2.997e3	2.947e3	1.815e2	1.986e2	0.91	YES	0.000e0	0.00000	0.11957	0.0784
7	Total Tetra-Dioxins	26.16	1.383e4	1.420e4	9.164e2	1.122e3	0.82	NO	2.038e3	0.69324	0.69324	0.0784

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.82	1.311e4	2.511e4	1.083e3	1.929e3	0.56	NO	3.013e3	0.97961	0.97961	0.116
2	Total Penta-Dioxins	29.31	1.008e4	1.071e4	4.118e2	5.819e2	0.71	NO	9.937e2	0.32312	0.32312	0.116
3	Total Penta-Dioxins	29.83	1.152e4	1.224e4	5.731e2	6.187e2	0.93	YES	0.000e0	0.00000	0.32791	0.116
4	Total Penta-Dioxins	30.00	9.143e3	9.958e3	3.091e2	4.872e2	0.63	NO	0.000e0	0.00000	0.25895	0.116
5	Total Penta-Dioxins	30.02	8.020e3	1.065e4	4.755e2	6.199e2	0.77	YES	0.000e0	0.00000	0.32854	0.116
6	Total Penta-Dioxins	30.30	7.964e3	1.510e4	6.346e2	1.165e3	0.54	NO	1.800e3	0.58527	0.58527	0.116
7	1,2,3,7,8-PeCDD	31.08	6.799e3	1.335e4	3.340e2	6.113e2	0.55	NO	9.453e2	0.30738	0.30738	0.116
8	Total Penta-Dioxins	31.14	4.287e3	4.831e3	2.470e2	3.586e2	0.69	NO	6.056e2	0.19693	0.19693	0.116
9	Total Penta-Dioxins	31.41	3.760e3	8.294e3	2.120e2	3.167e2	0.67	NO	5.288e2	0.17194	0.17194	0.116

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Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.73	4.287e5	3.548e5	2.050e4	1.654e4	1.24	NO	3.704e4	14.452	14.452	0.222
2	Total Hexa-Dioxins	33.33	4.820e4	3.899e4	2.322e3	1.991e3	1.17	NO	4.314e3	1.6831	1.6831	0.222
3	Total Hexa-Dioxins	33.62	2.646e5	2.116e5	1.927e4	1.547e4	1.25	NO	3.474e4	13.555	13.555	0.222
4	Total Hexa-Dioxins	33.72	3.016e4	2.677e4	1.843e3	1.432e3	1.29	NO	3.275e3	1.2779	1.2779	0.222
5	1,2,3,4,7,8-HxCDD	34.38	1.743e4	1.155e4	9.595e2	6.775e2	1.42	NO	1.637e3	0.63138	0.63138	0.215
6	1,2,3,6,7,8-HxCDD	34.50	7.206e4	5.392e4	4.485e3	3.441e3	1.30	NO	7.926e3	3.0056	3.0056	0.218
7	Total Hexa-Dioxins	34.66	2.463e4	1.761e4	1.303e3	1.070e3	1.22	NO	2.373e3	0.92592	0.92592	0.222
8	1,2,3,7,8,9-HxCDD	34.78	3.398e4	3.080e4	2.043e3	1.763e3	1.16	NO	3.806e3	1.3497	1.3497	0.203

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.25	3.023e6	2.965e6	2.185e5	2.101e5	1.04	NO	4.286e5	210.97	210.97	0.853
2	1,2,3,4,6,7,8-HpCDD	38.21	2.732e6	2.685e6	1.529e5	1.496e5	1.02	NO	3.026e5	148.93	148.93	0.853

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-16B.qld

Last Altered: Friday, October 02, 2020 10:14:09 Pacific Daylight Time

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Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	20.53	2.548e3	2.243e3	1.582e2	2.038e2	0.78	NO	3.619e2	0.14464	0.14464	0.100
2	Total Tetra-Furans	21.07	2.657e3	3.077e3	2.061e2	2.695e2	0.76	NO	4.757e2	0.19010	0.19010	0.100
3	Total Tetra-Furans	21.87	1.147e4	1.657e4	1.050e3	1.520e3	0.69	NO	2.570e3	1.0272	1.0272	0.100
4	Total Tetra-Furans	22.79	1.004e4	1.290e4	9.009e2	1.313e3	0.69	NO	2.214e3	0.88468	0.88468	0.100
5	Total Tetra-Furans	23.26	6.126e3	8.457e3	5.223e2	6.707e2	0.78	NO	1.193e3	0.47678	0.47678	0.100
6	Total Tetra-Furans	23.36	2.316e3	2.582e3	1.333e2	1.726e2	0.77	NO	3.059e2	0.12227	0.12227	0.100
7	Total Tetra-Furans	23.57	4.275e3	4.894e3	2.821e2	3.457e2	0.82	NO	6.278e2	0.25089	0.25089	0.100
8	Total Tetra-Furans	24.31	5.165e3	6.659e3	2.776e2	3.781e2	0.73	NO	0.000e0	0.00000	0.26206	0.100
9	Total Tetra-Furans	24.34	7.700e3	1.059e4	6.272e2	8.329e2	0.75	NO	0.000e0	0.00000	0.58353	0.100
10	Total Tetra-Furans	24.77	3.001e4	4.213e4	2.268e3	2.889e3	0.79	NO	5.157e3	2.0611	2.0611	0.100
11	Total Tetra-Furans	25.67	4.845e3	7.176e3	3.490e2	4.744e2	0.74	NO	8.234e2	0.32906	0.32906	0.100
12	2,3,7,8-TCDF	25.79	4.425e4	5.669e4	3.031e3	3.929e3	0.77	NO	6.960e3	2.7816	2.7816	0.100
13	Total Tetra-Furans	26.06	4.940e3	6.191e3	3.972e2	5.550e2	0.72	NO	9.522e2	0.38056	0.38056	0.100
14	Total Tetra-Furans	27.27	2.251e3	3.635e3	1.372e2	1.578e2	0.87	NO	2.950e2	0.11788	0.11788	0.100
15	Total Tetra-Furans	27.43	1.946e3	2.333e3	9.696e1	1.148e2	0.84	NO	2.118e2	0.084629	0.084629	0.100
16	Total Tetra-Furans	27.61	3.340e3	4.122e3	1.544e2	2.008e2	0.77	NO	3.552e2	0.14196	0.14196	0.100

Penta-Furans function 1

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1st Func. Penta-Furans	27.24	1.142e5	6.851e4	5.942e3	3.743e3	1.59	NO	9.684e3	2.7069	2.7069	0.0239

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Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.67	9.178e3	5.309e3	6.814e2	4.146e2	1.64	NO	1.096e3	0.30633	0.30633	0.0761
2	Total Penta-Furans	28.85	6.646e4	4.556e4	4.330e3	2.827e3	1.53	NO	7.157e3	2.0003	2.0003	0.0761
3	Total Penta-Furans	29.48	1.649e4	1.546e4	1.103e3	7.963e2	1.38	NO	1.899e3	0.53083	0.53083	0.0761
4	Total Penta-Furans	29.61	1.518e4	9.010e3	6.515e2	4.790e2	1.36	NO	1.131e3	0.31601	0.31601	0.0761
5	1,2,3,7,8-PeCDF	29.83	1.243e5	8.230e4	6.052e3	3.910e3	1.55	NO	9.962e3	2.6796	2.6796	0.0745
6	Total Penta-Furans	30.07	3.670e4	2.423e4	1.931e3	1.203e3	1.61	NO	3.134e3	0.87606	0.87606	0.0761
7	Total Penta-Furans	30.70	5.479e3	3.790e3	2.683e2	1.835e2	1.46	NO	4.518e2	0.12628	0.12628	0.0761
8	2,3,4,7,8-PeCDF	30.88	7.610e4	4.454e4	2.648e3	1.779e3	1.49	NO	4.426e3	1.1514	1.1514	0.0696
9	Total Penta-Furans	30.90	5.868e4	3.398e4	9.454e2	6.362e2	1.49	NO	1.582e3	0.44207	0.44207	0.0761

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.20	4.590e4	3.766e4	2.151e3	1.642e3	1.31	NO	3.793e3	1.4053	1.4053	0.115
2	Total Hexa-Furans	32.37	1.432e5	1.168e5	6.784e3	5.429e3	1.25	NO	1.221e4	4.5245	4.5245	0.115
3	Total Hexa-Furans	32.99	2.049e5	1.700e5	1.018e4	8.334e3	1.22	NO	1.851e4	6.8592	6.8592	0.115
4	Total Hexa-Furans	33.34	5.488e3	4.070e3	1.946e2	2.000e2	0.97	YES	0.000e0	0.00000	0.13021	0.115
5	1,2,3,4,7,8-HxCDF	33.46	1.454e5	1.216e5	7.377e3	6.162e3	1.20	NO	1.354e4	5.0786	5.0786	0.109
6	1,2,3,6,7,8-HxCDF	33.59	3.460e4	3.122e4	1.924e3	1.693e3	1.14	NO	3.617e3	1.2554	1.2554	0.106
7	2,3,4,6,7,8-HxCDF	34.27	1.552e4	1.288e4	9.460e2	8.566e2	1.10	NO	1.803e3	0.65809	0.65809	0.113
8	1,2,3,7,8,9-HxCDF	35.28	8.172e3	6.950e3	2.217e2	1.814e2	1.22	NO	4.031e2	0.16408	0.16408	0.138
9	Total Hexa-Furans	35.31	1.333e4	1.254e4	8.319e2	6.669e2	1.25	NO	0.000e0	0.00000	0.55530	0.115

Hepta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	1,2,3,4,6,7,8-HpCDF	36.86	2.179e5	2.176e5	1.493e4	1.436e4	1.04	NO	2.929e4	13.893	13.893	0.249
2	Total Hepta-Furans	37.57	5.749e5	5.596e5	3.511e4	3.457e4	1.02	NO	6.969e4	36.974	36.974	0.252
3	1,2,3,4,7,8,9-HpCDF	38.83	2.589e4	2.473e4	1.365e3	1.347e3	1.01	NO	2.712e3	1.4539	1.4539	0.228

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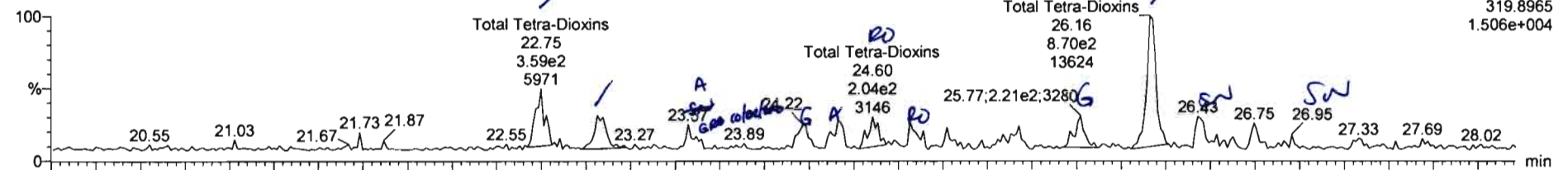
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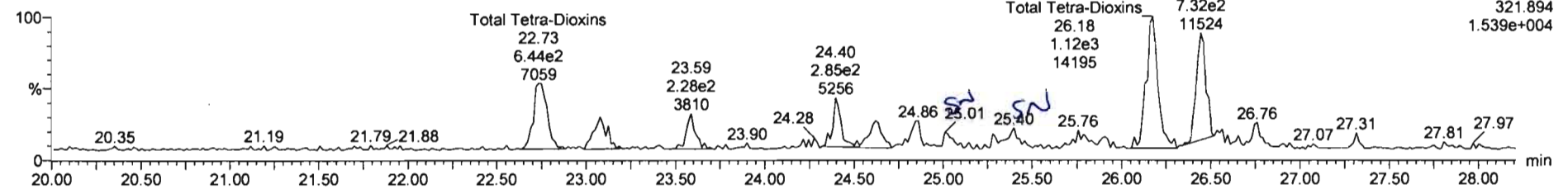
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201001R1_16



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1.506e+004

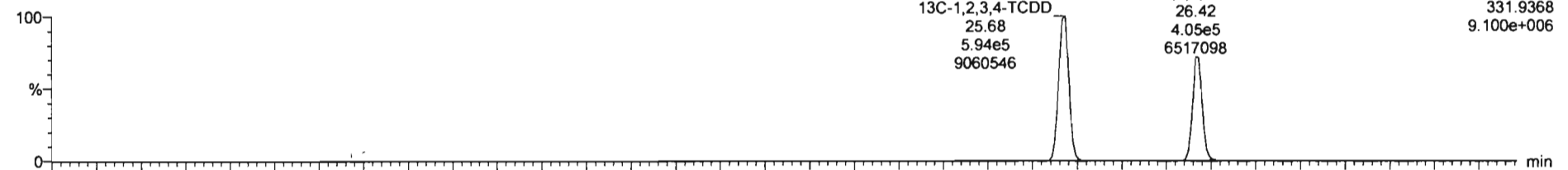
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1.539e+004

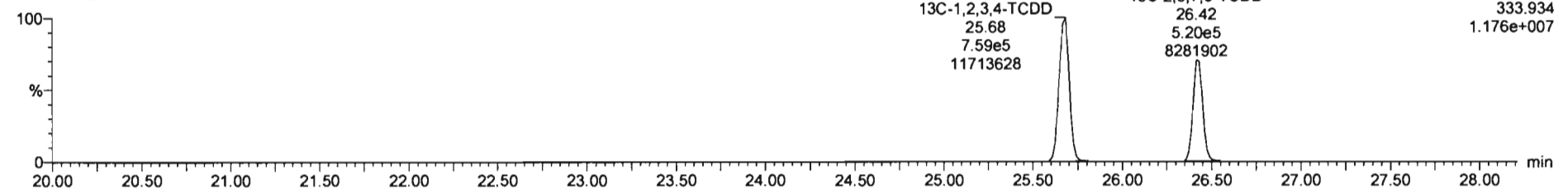
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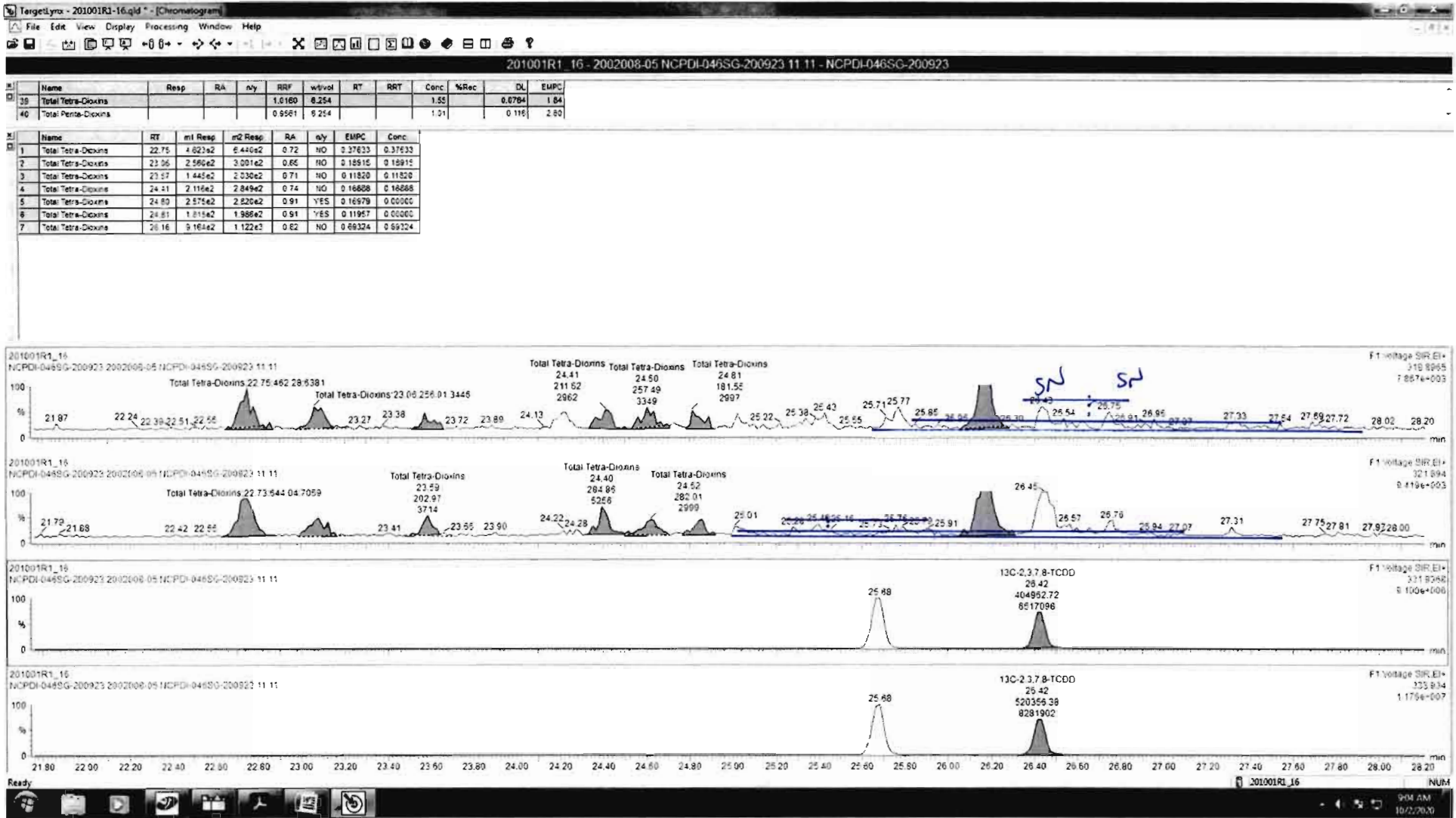


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201001R1_16



F1: Voltage SIR, EI+
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1.176e+007



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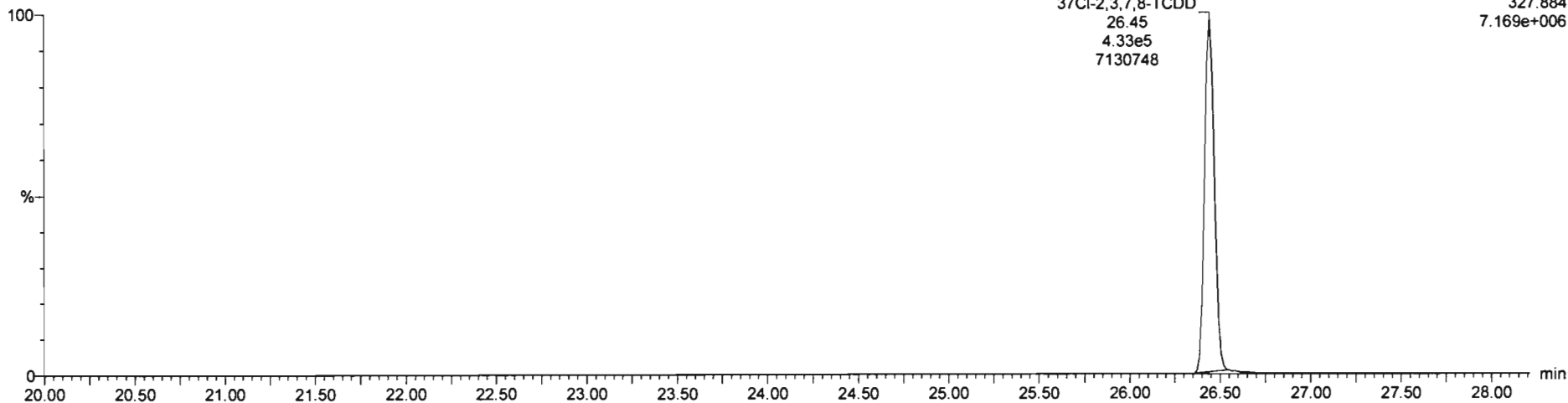
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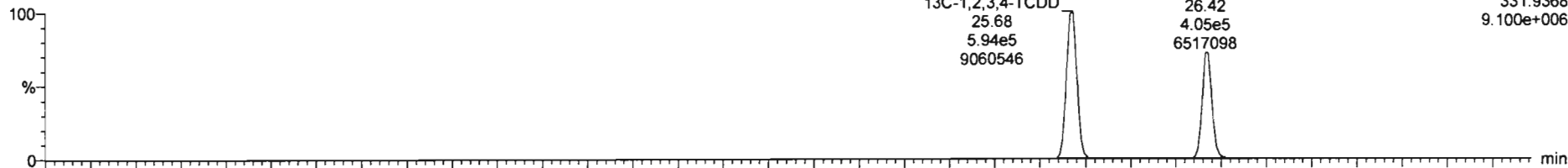
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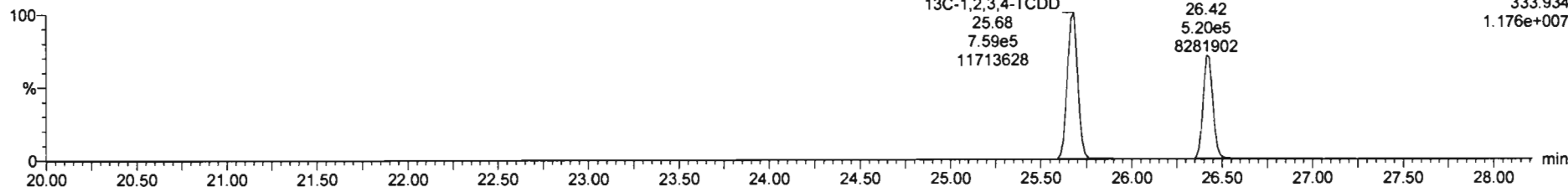


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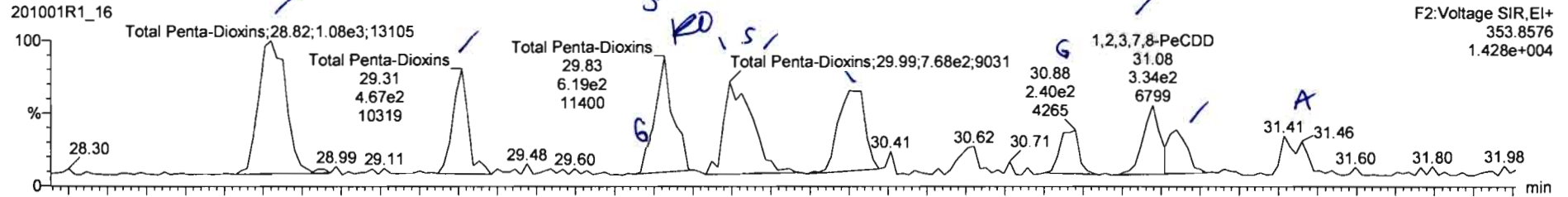


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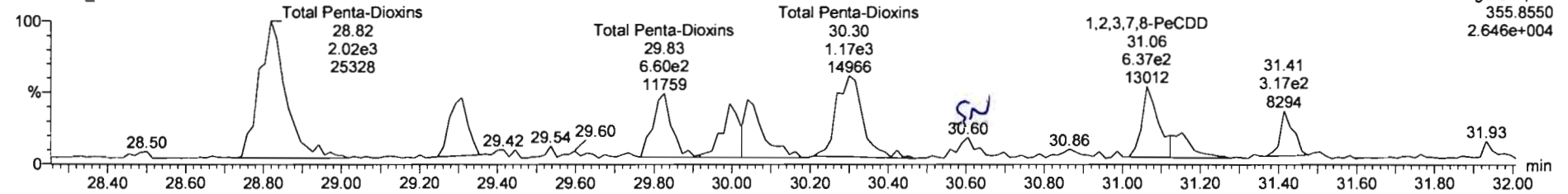
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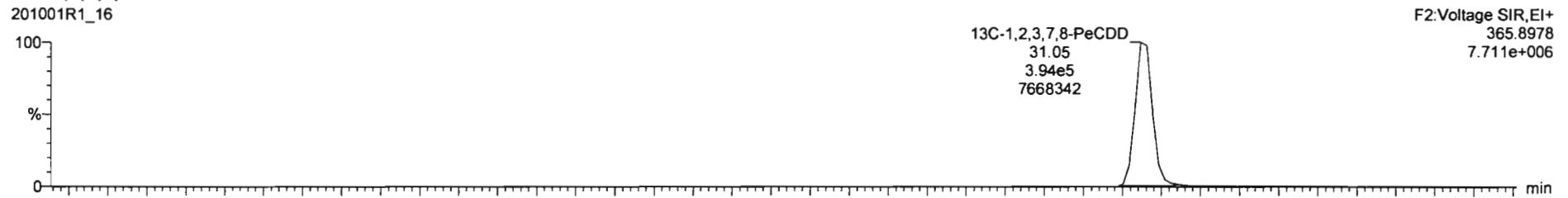
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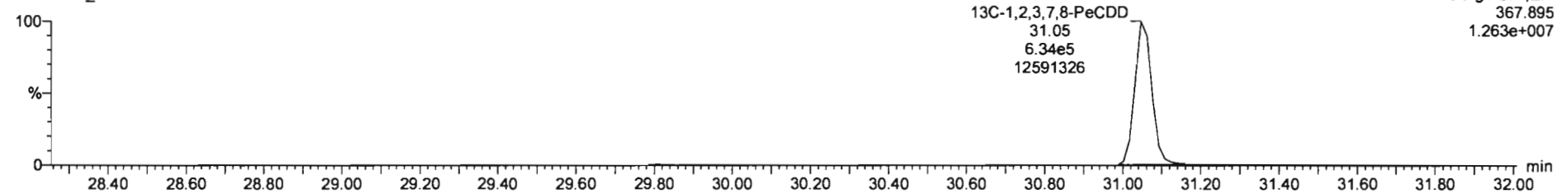
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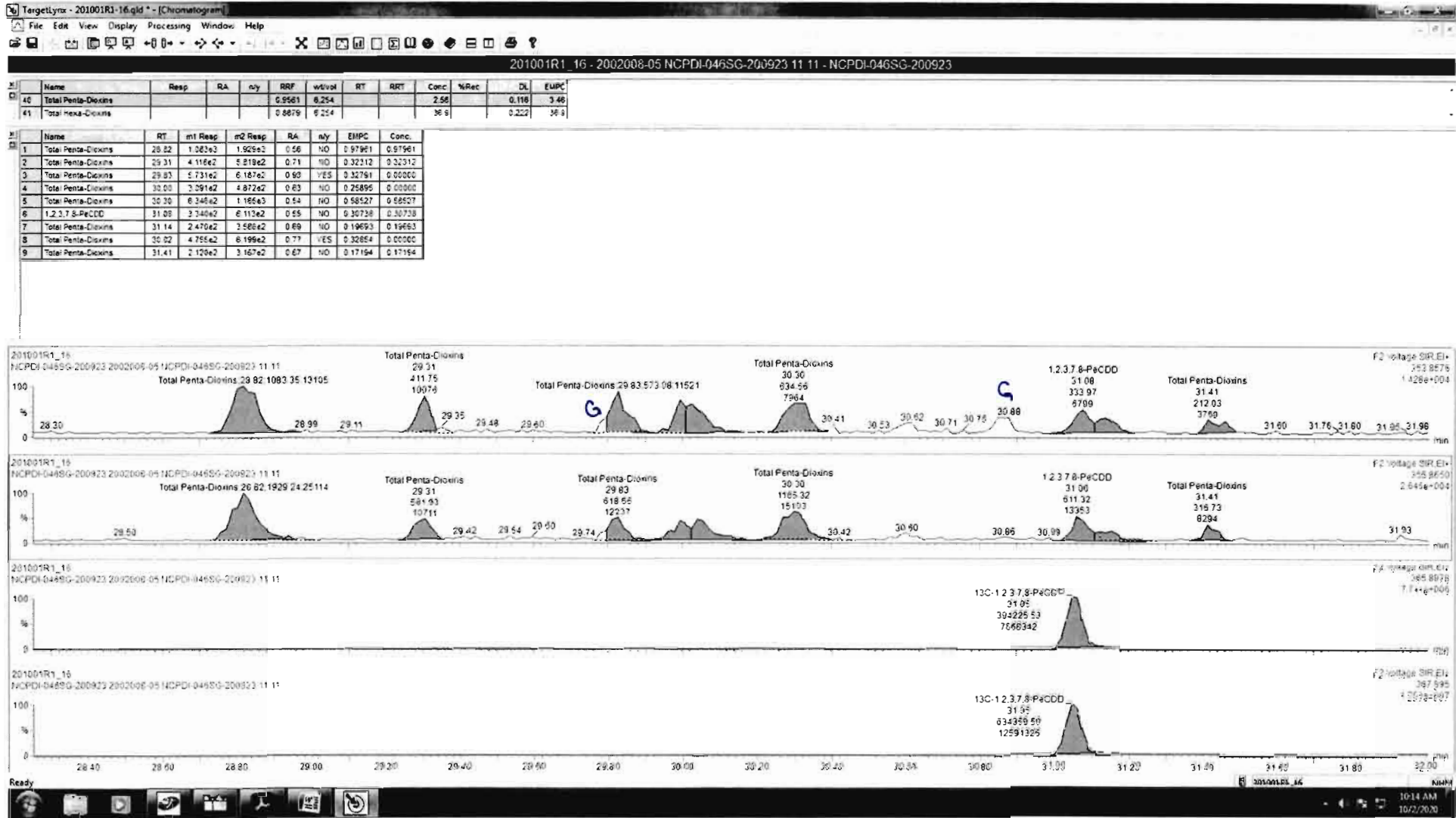


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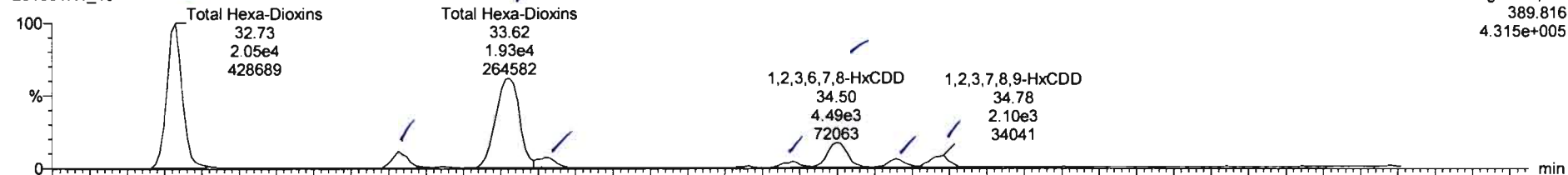
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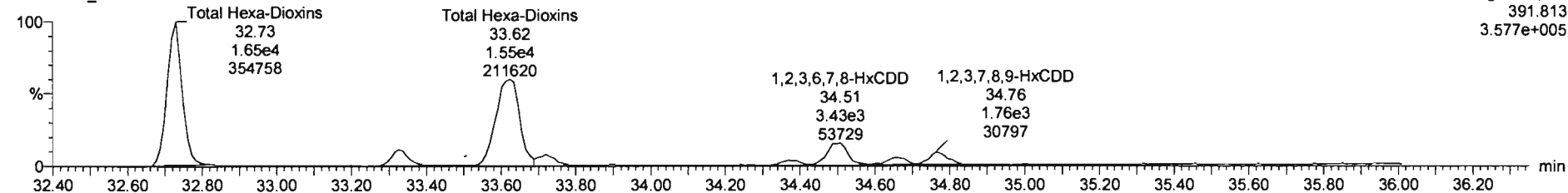
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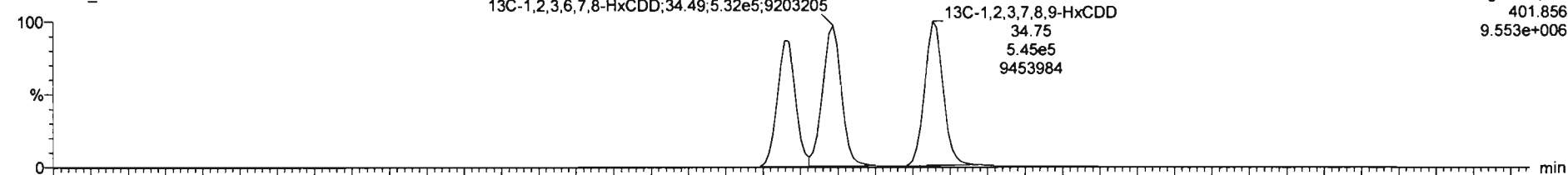


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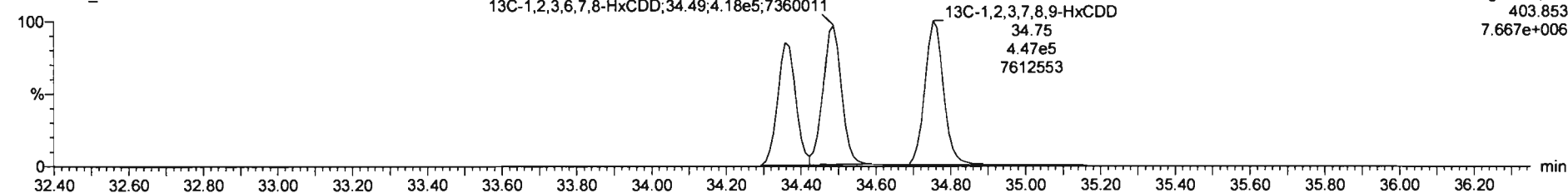


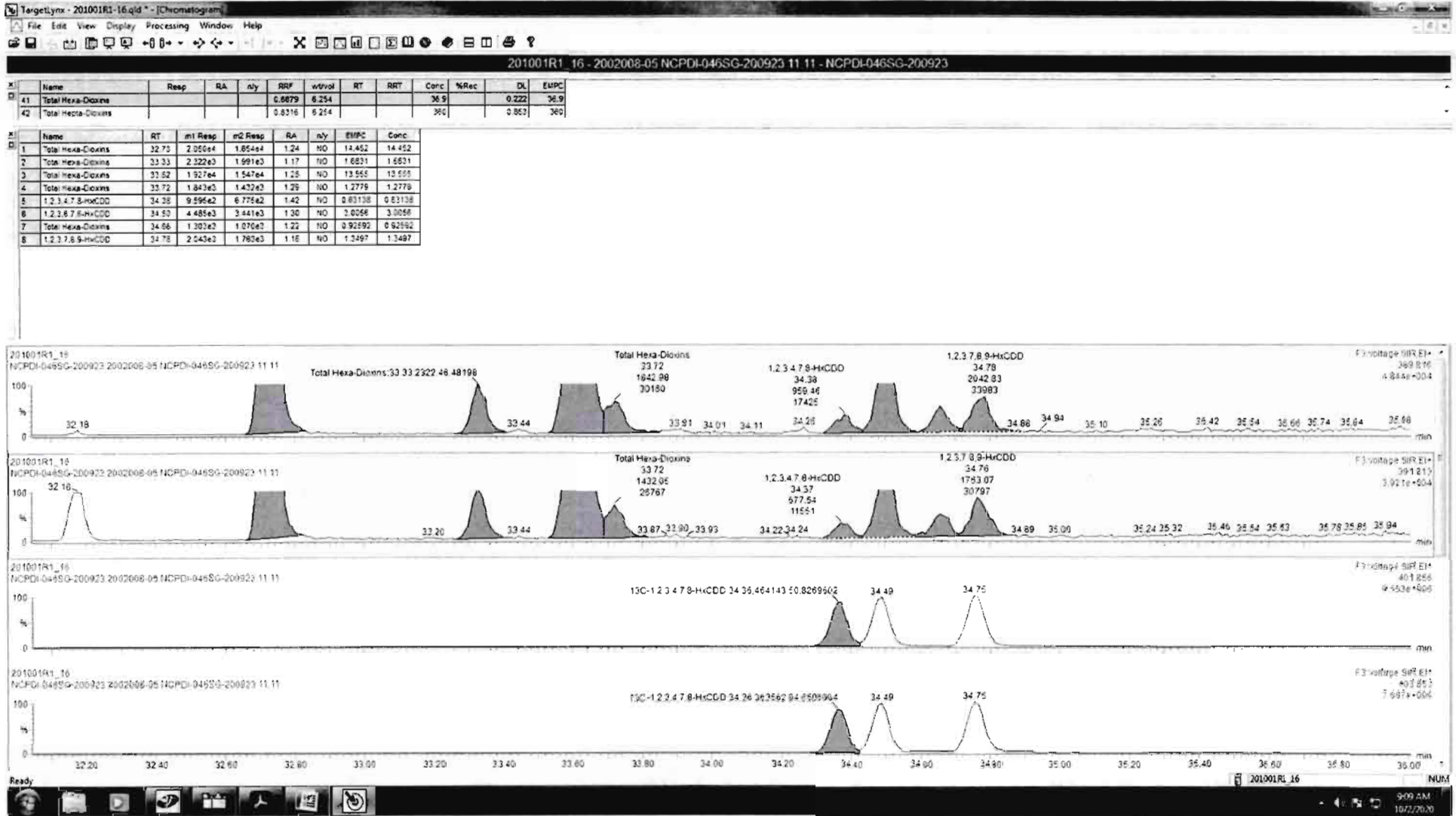
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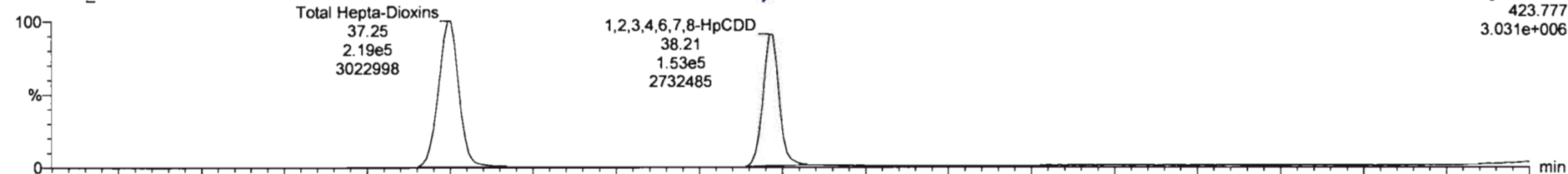
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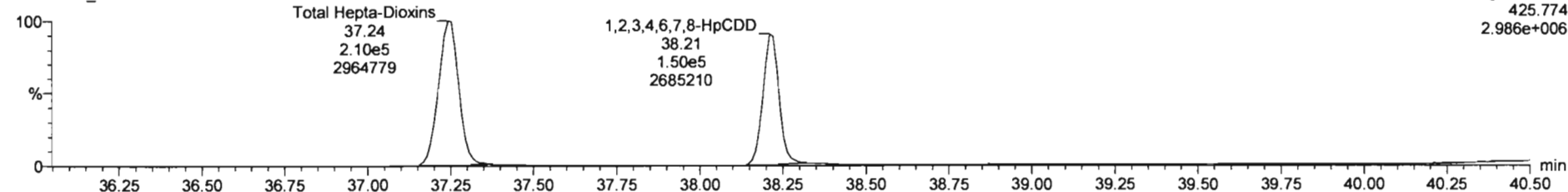
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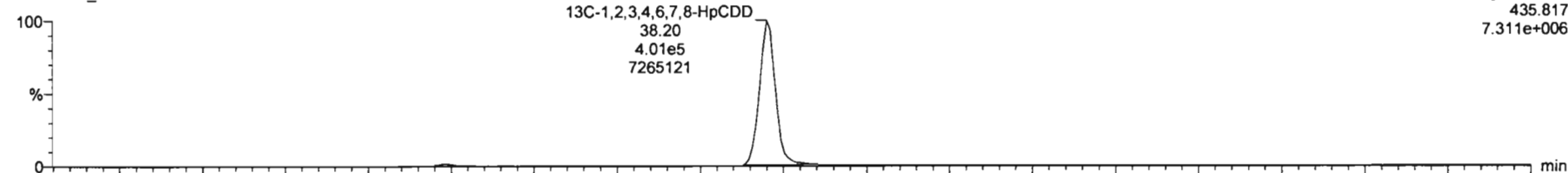


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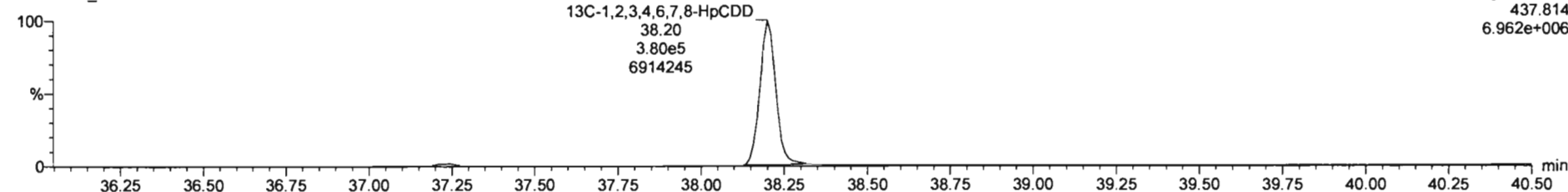


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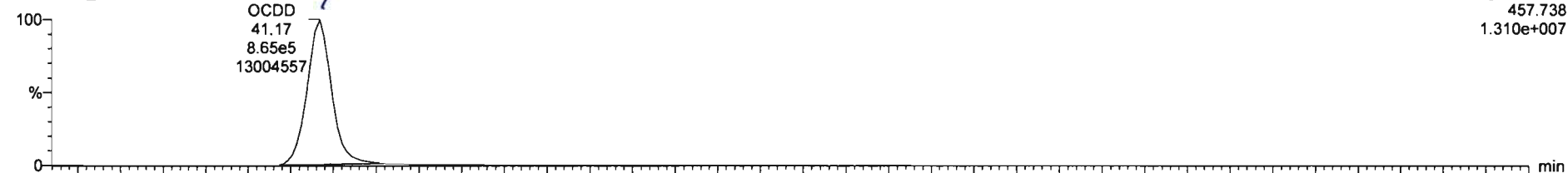
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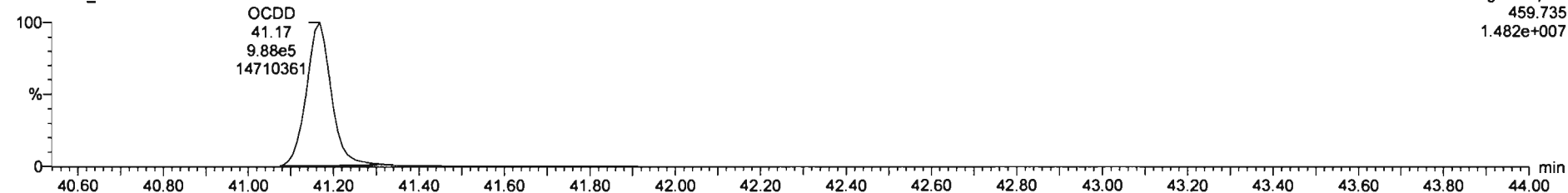
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OCDD

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201001R1_16

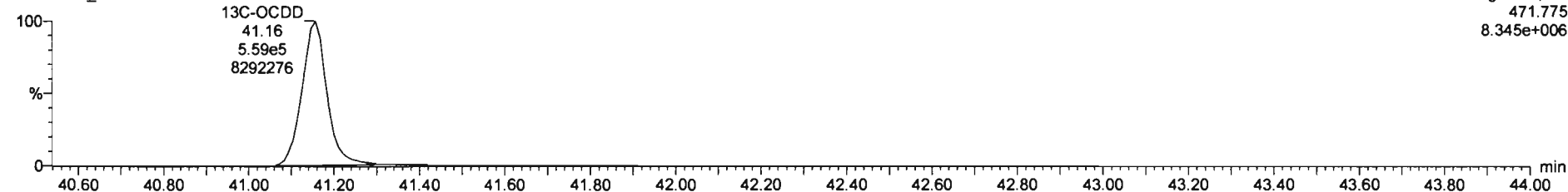


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201001R1_16



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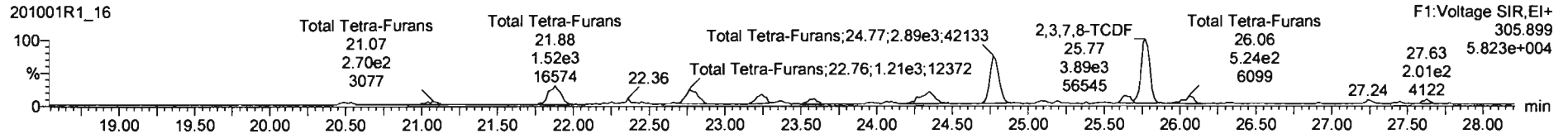
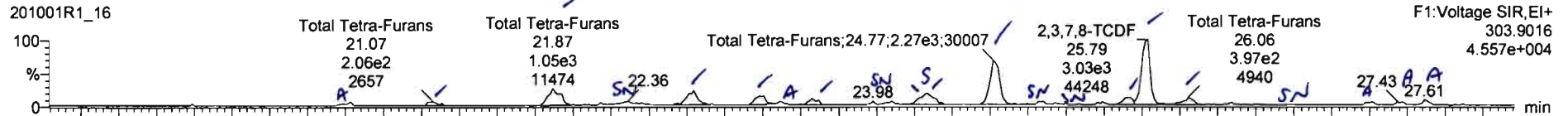


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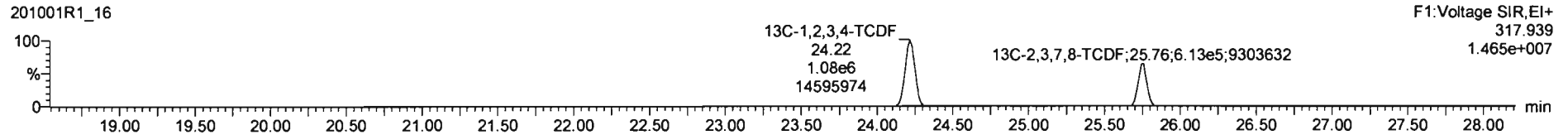
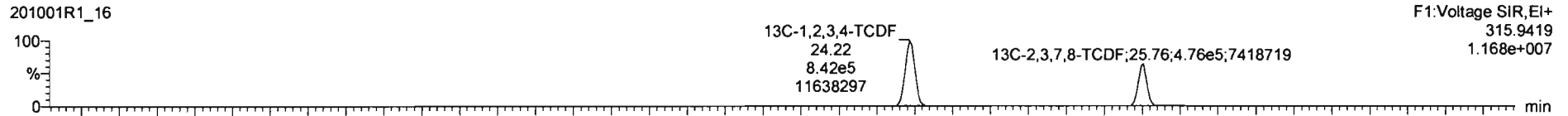
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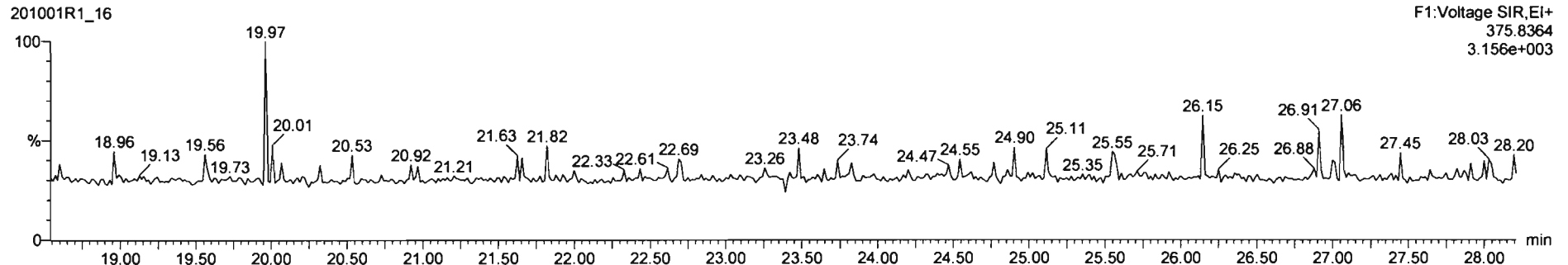
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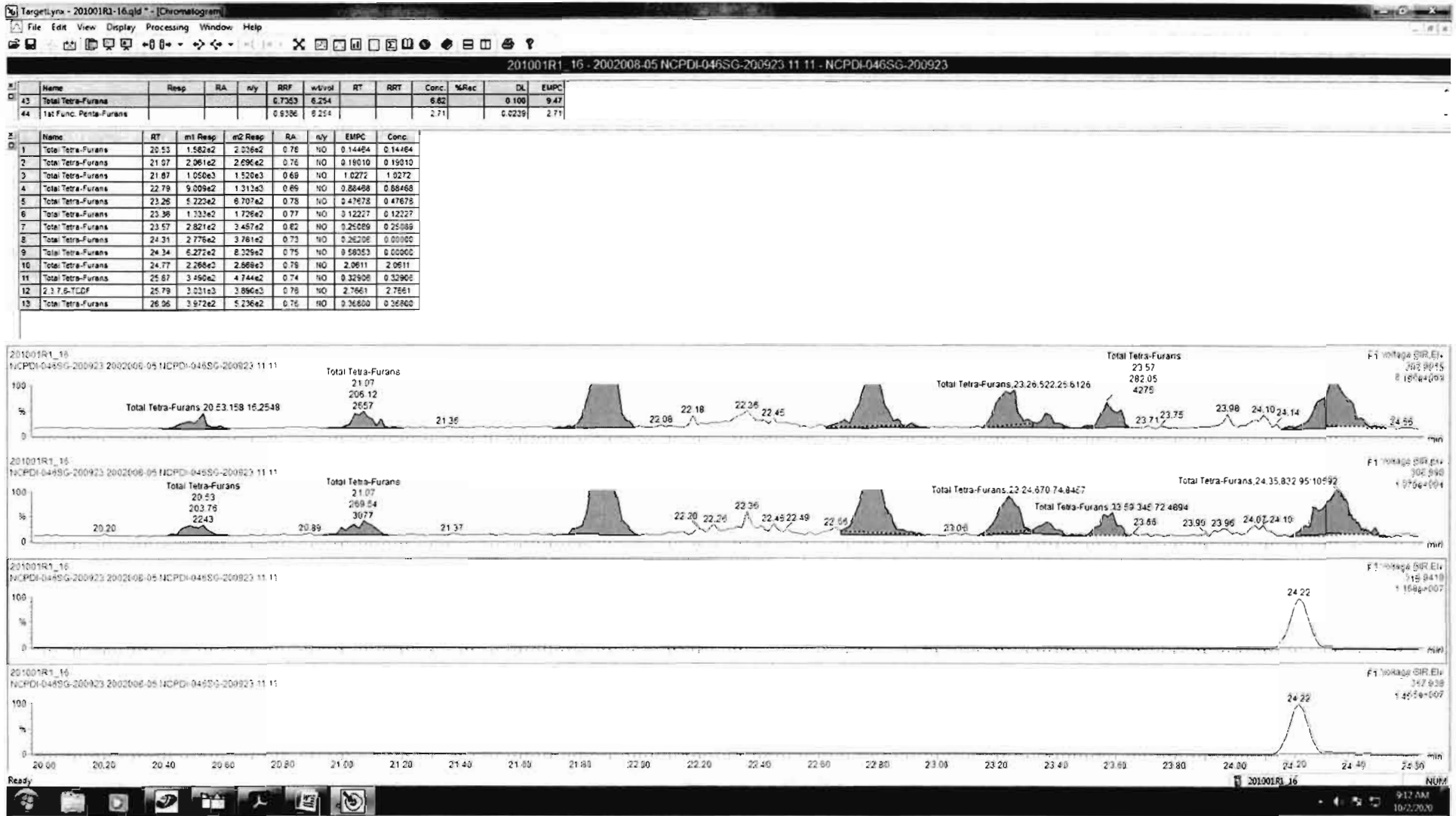


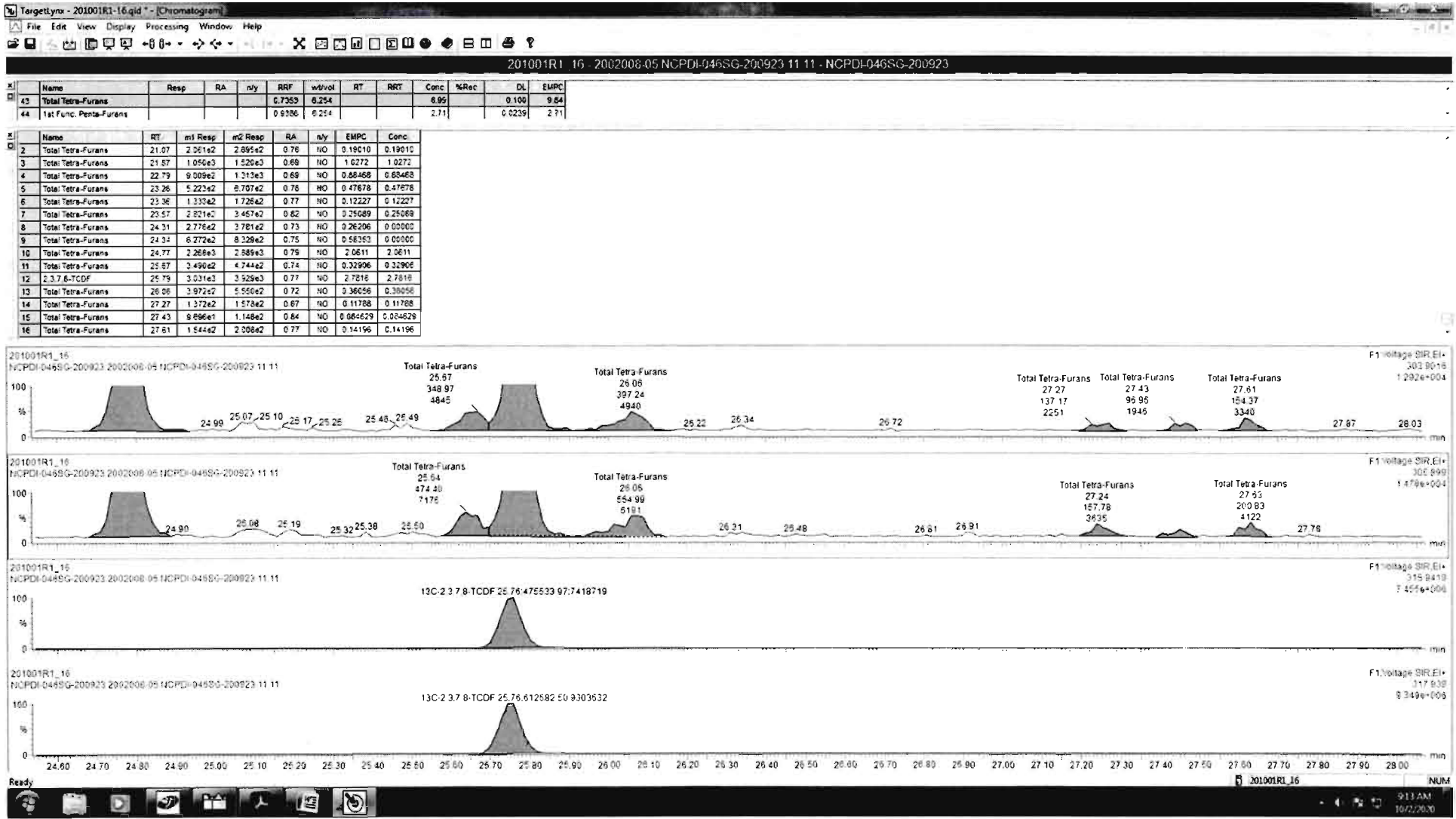
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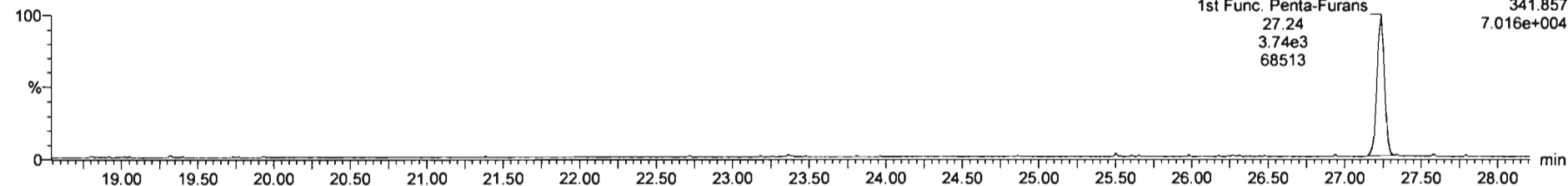
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1st Func. Penta-Furans

201001R1_16

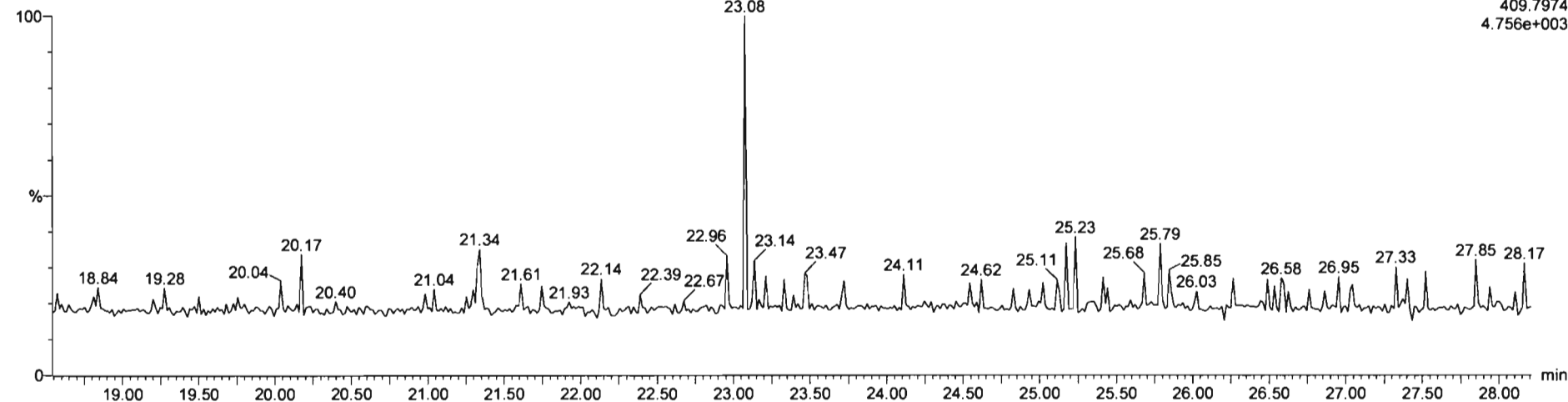


201001R1_16



DPE6

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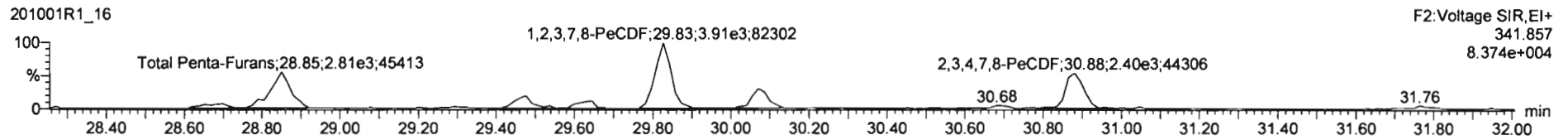
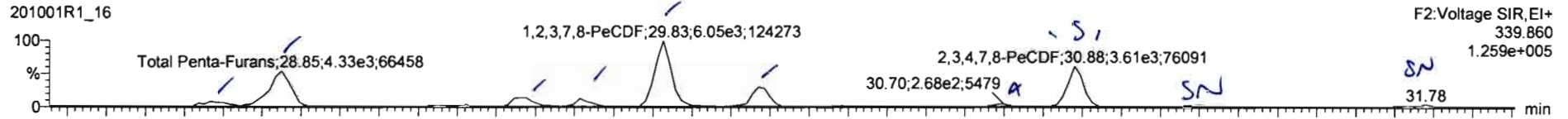


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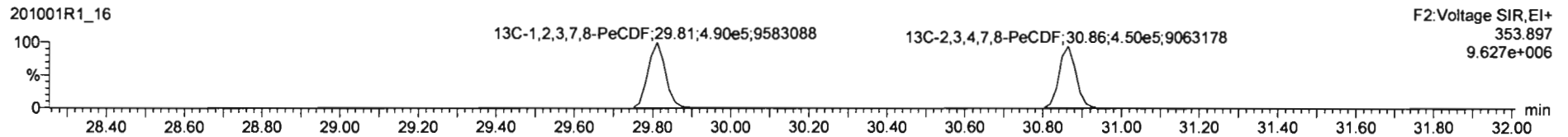
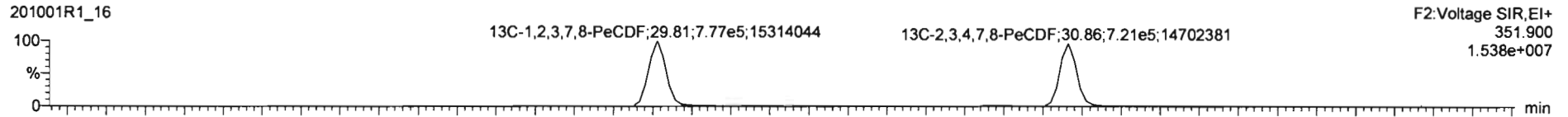
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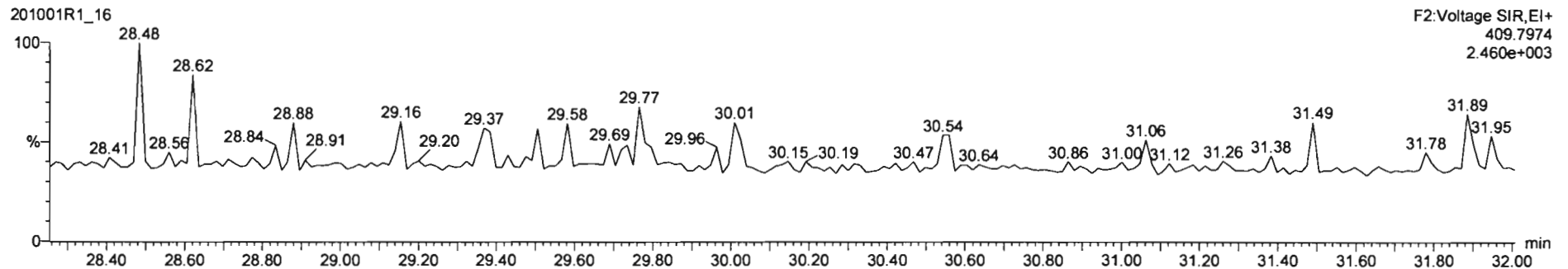
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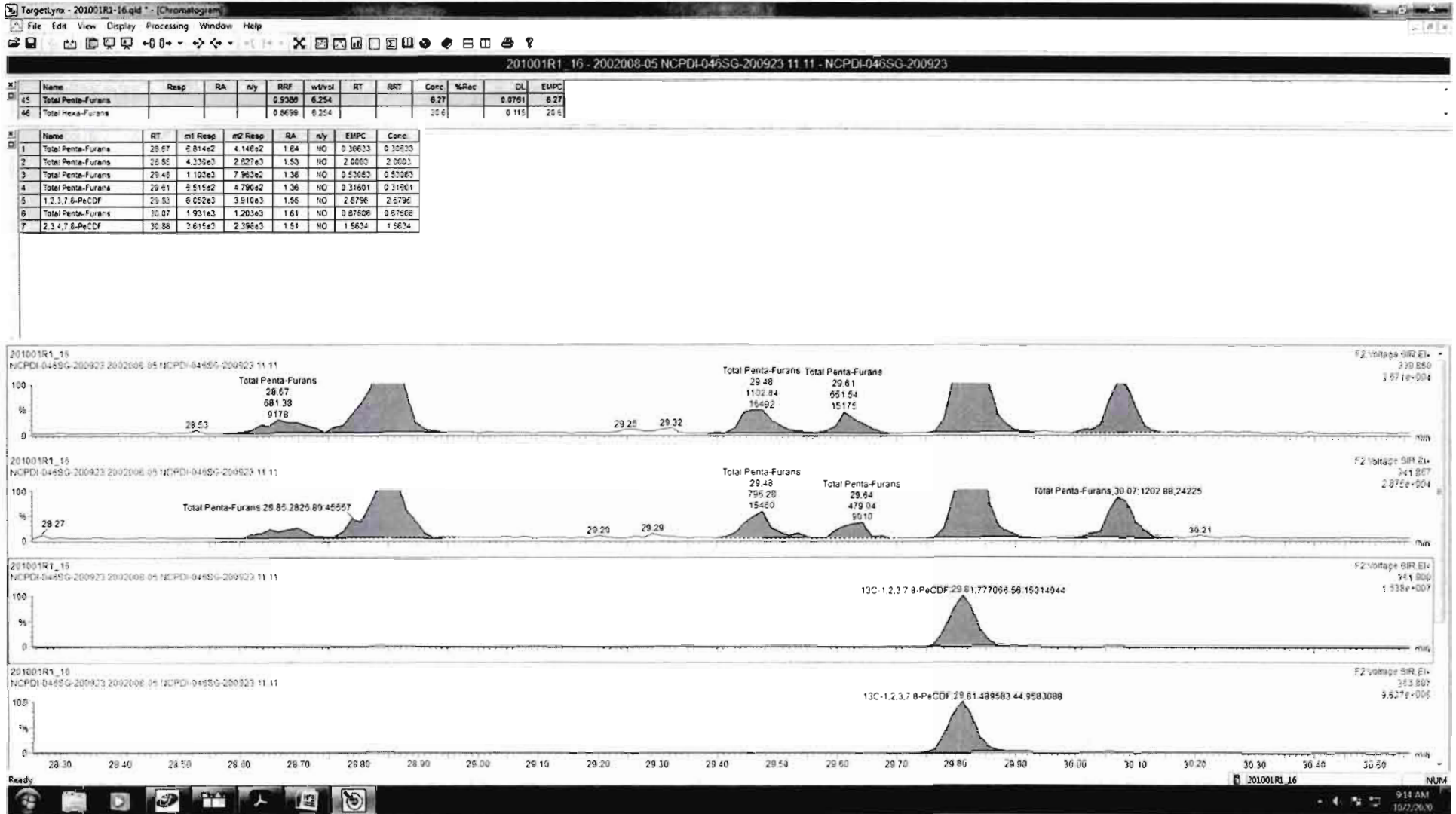


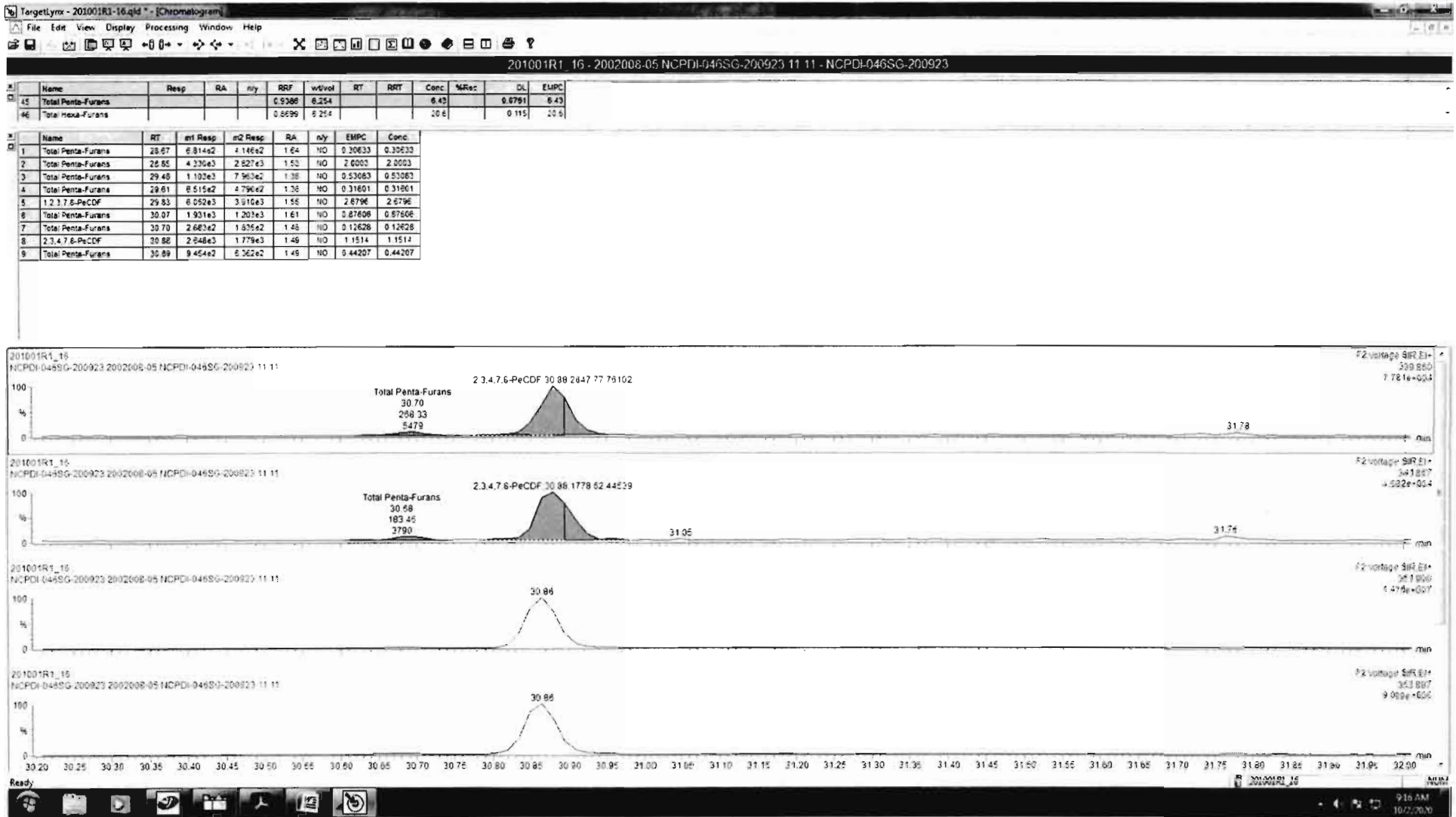
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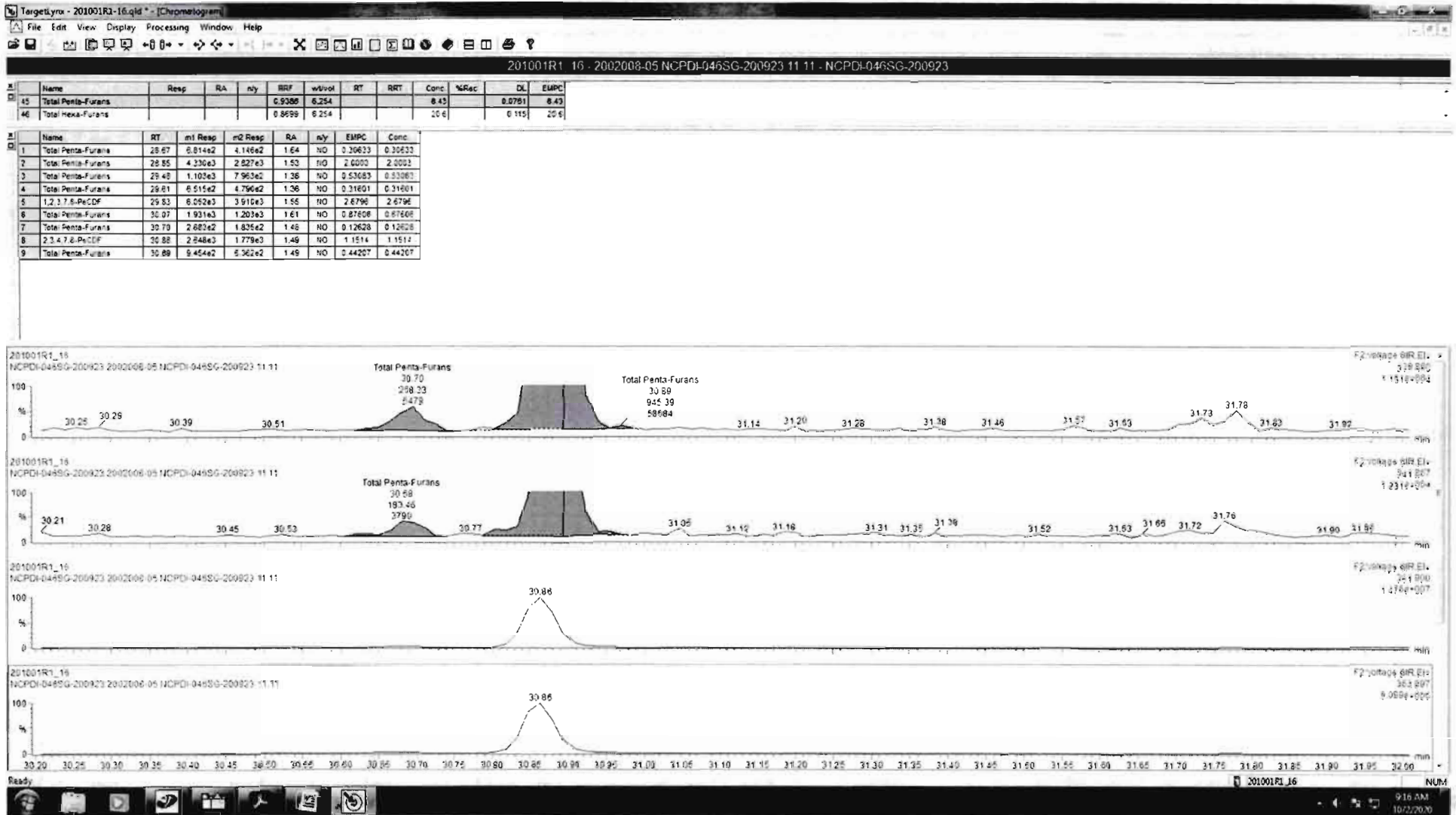


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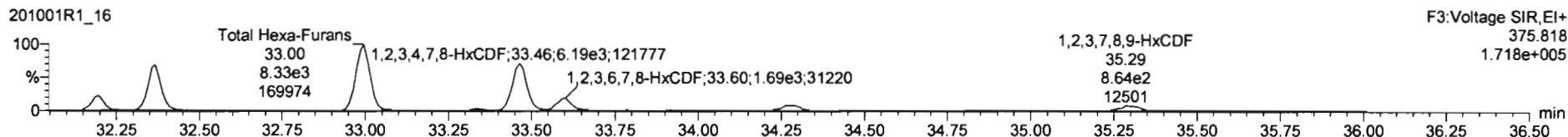
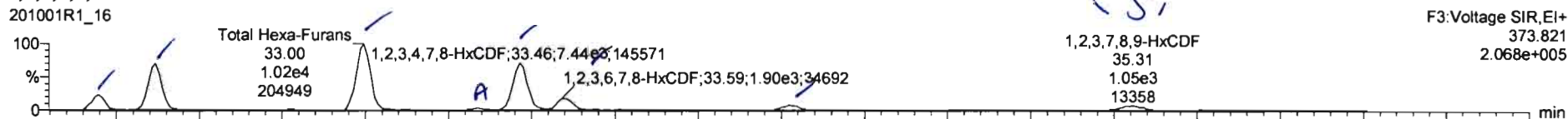


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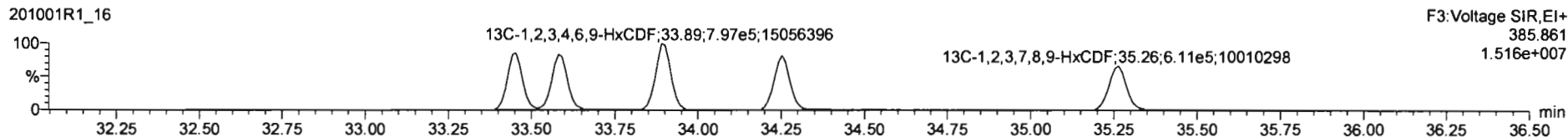
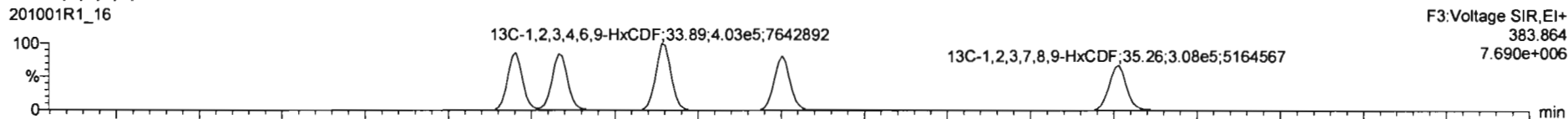
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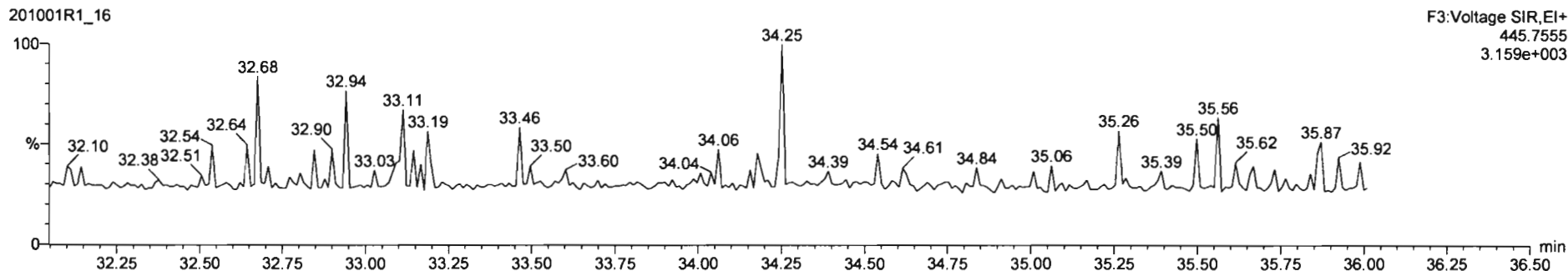
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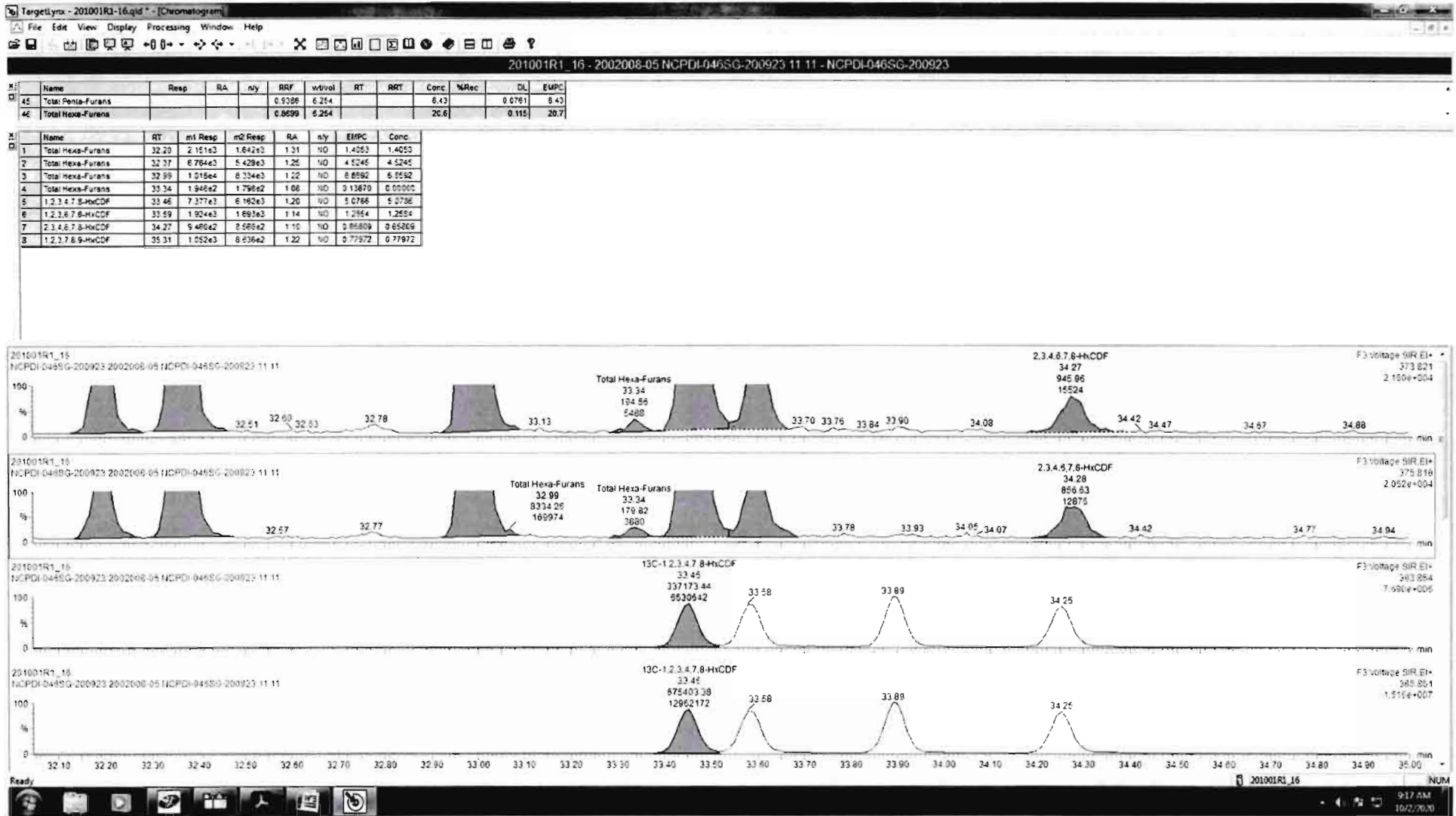


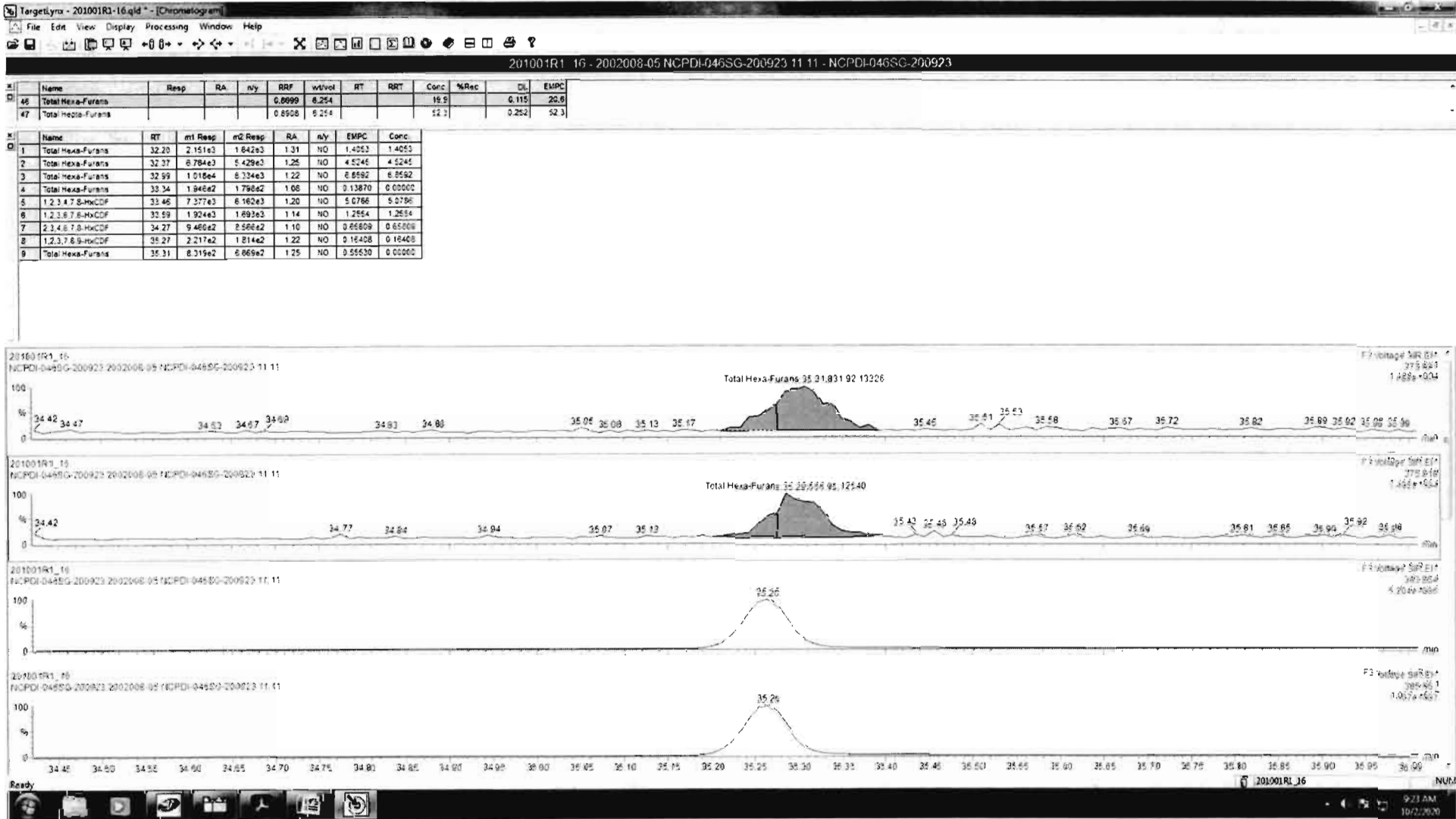
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DPE3





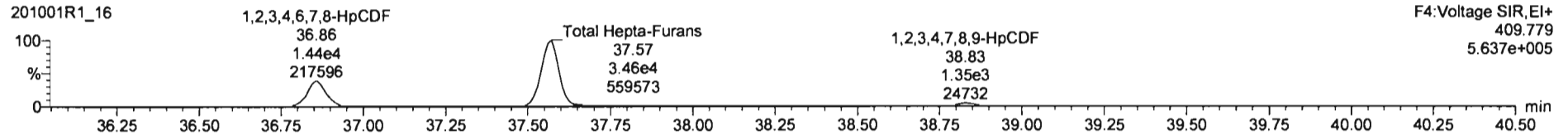


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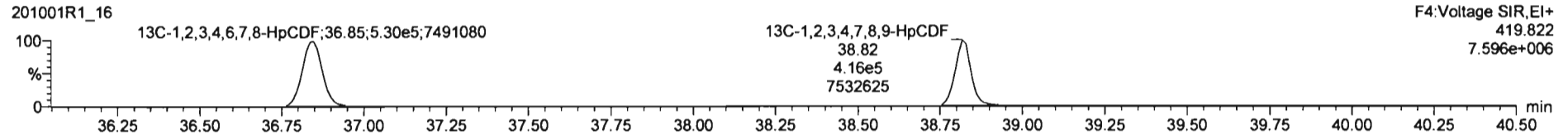
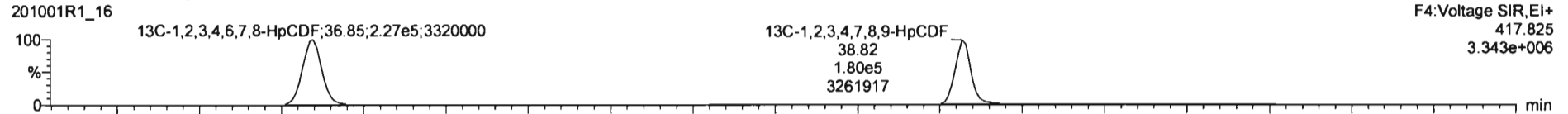
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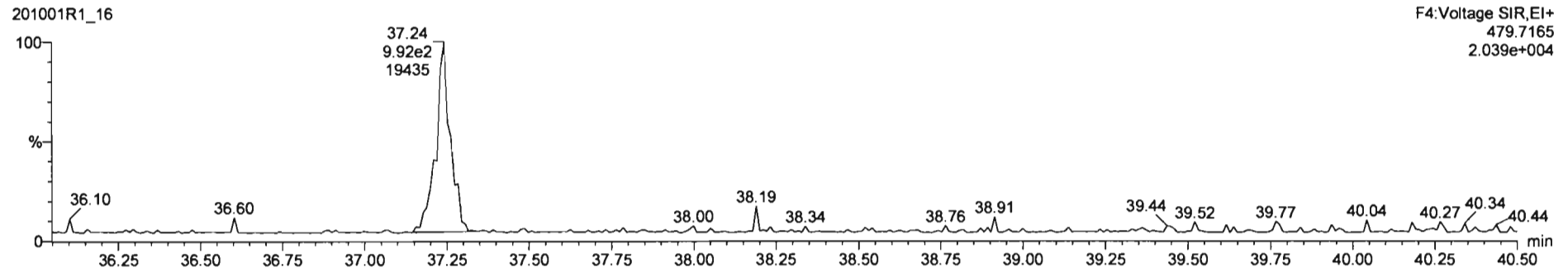
1,2,3,4,6,7,8-HpCDF

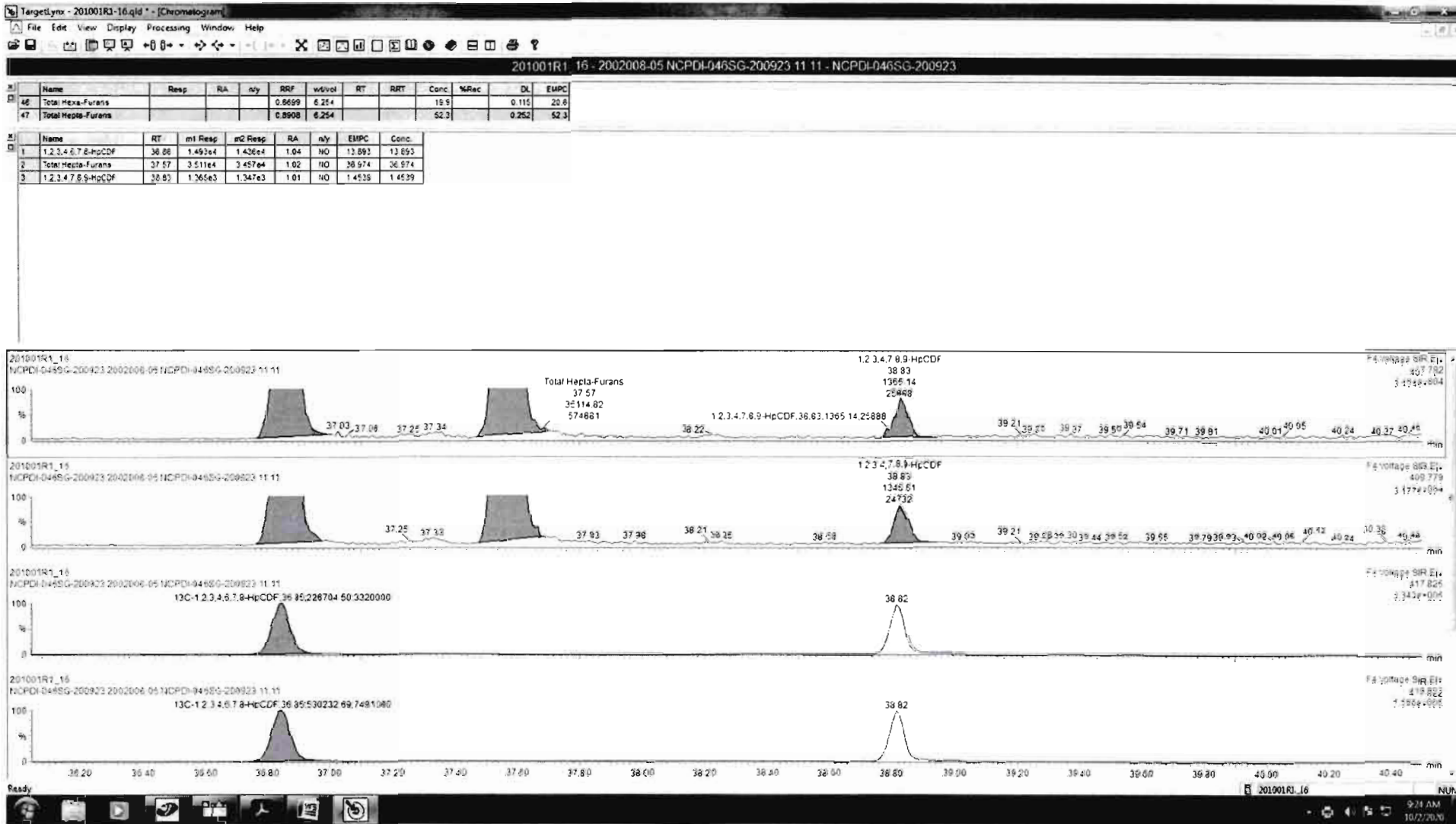


13C-1,2,3,4,6,7,8-HpCDF



DPE4





Dataset: Untitled

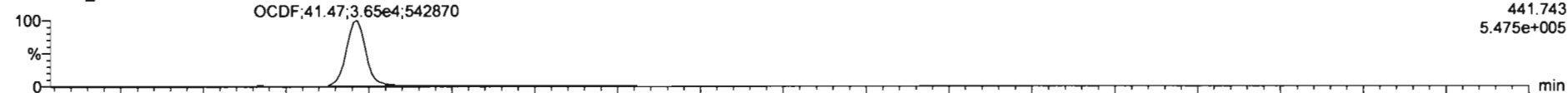
Last Altered: Friday, October 02, 2020 6:43:51 AM Pacific Daylight Time

Printed: Friday, October 02, 2020 6:46:11 AM Pacific Daylight Time

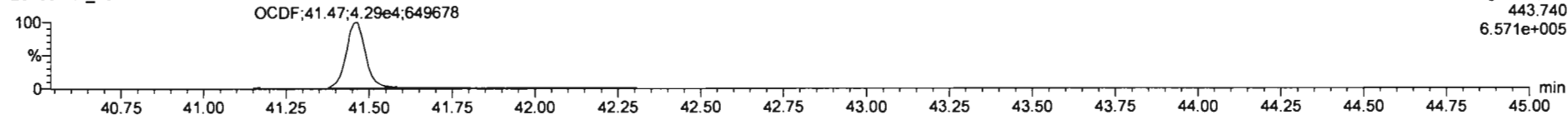
Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923

OCDF

201001R1_16



201001R1_16

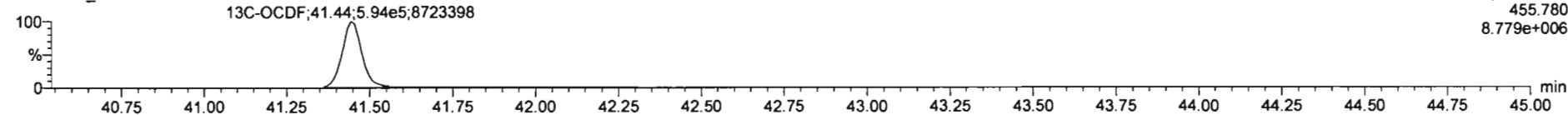


13C-OCDF

201001R1_16

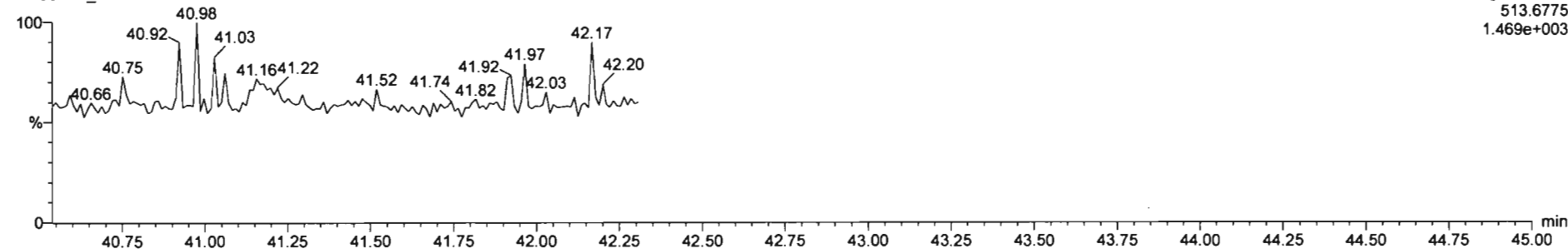


201001R1_16



DPE5

201001R1_16

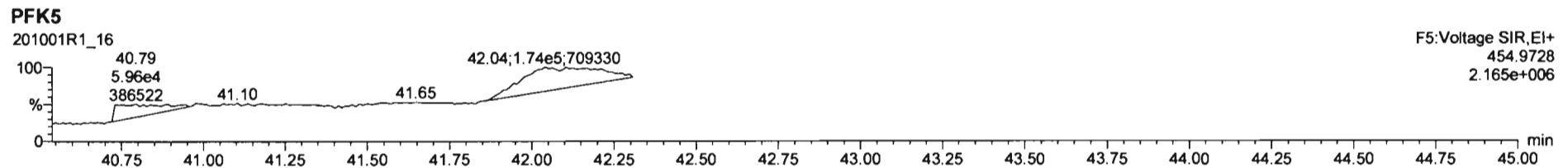
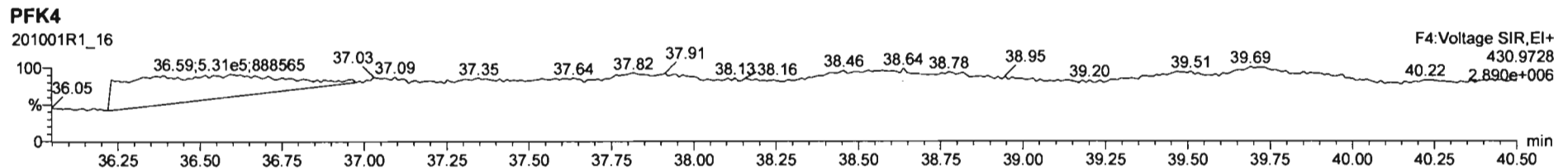
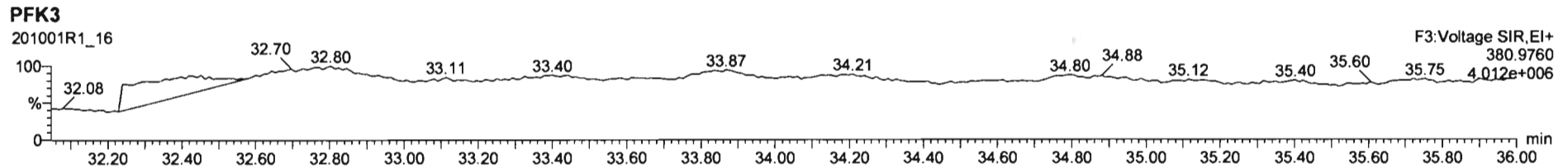
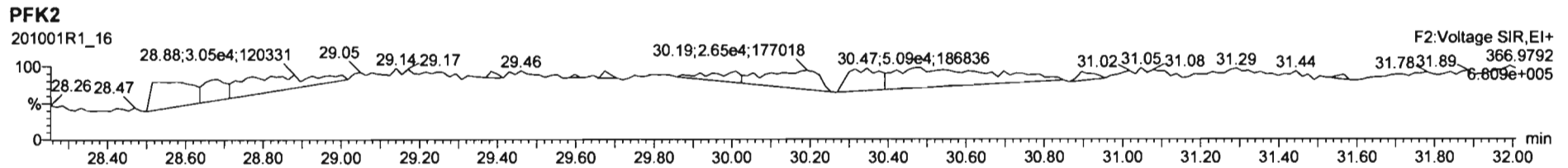
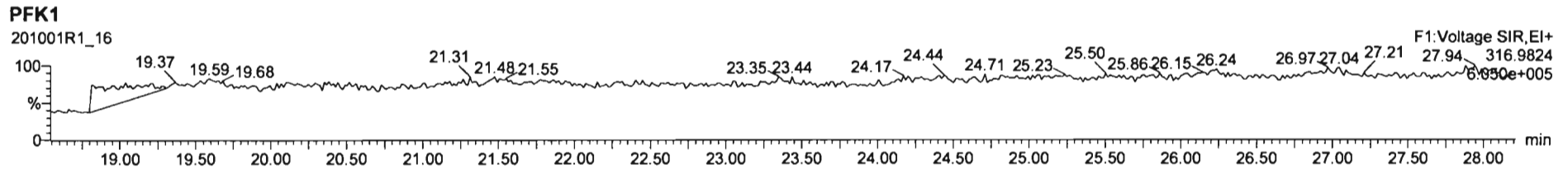


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Last Altered: Friday, October 02, 2020 6:43:51 AM Pacific Daylight Time

Printed: Friday, October 02, 2020 6:46:11 AM Pacific Daylight Time

Name: 201001R1_16, Date: 01-Oct-2020, Time: 20:28:36, ID: 2002008-05 NCPDI-046SG-200923 11.11, Description: NCPDI-046SG-200923



SAMPLE DATA – EPA METHOD 1668A

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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Hu for HW 10-2-2020

C710/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPG
1	1 PCB-1													0.723	
2	2 PCB-2			NO	1.18	3.000	17.98		0.988		YES			0.786	
3	3 PCB-3			NO	1.15	3.000	18.20		1.001		YES			0.810	
4	4 PCB-4/10			NO	1.25	3.000	19.63		1.004		YES			4.89	
5	5 PCB-7/9			NO	0.960	3.000	21.43		1.003		YES			4.01	
6	6 PCB-6			NO	1.02	3.000	22.08		1.033		YES			3.76	
7	7 PCB-5/8			NO	0.992	3.000	22.49		1.052		YES			3.88	
8	8 PCB-14				1.02	3.000	23.62		0.951		YES			0.456	
9	9 PCB-11													3.55	
10	10 PCB-12/13			NO	1.03	3.000	25.28		1.018		YES			3.90	
11	11 PCB-15			NO	1.03	3.000	25.56		1.030		YES			3.87	
12	12 PCB-19			NO	1.11	3.000	23.82		1.001		YES			1.47	
13	13 PCB-30			NO	1.79	3.000	24.71		1.039		YES			0.905	
14	14 PCB-18			NO	0.818	3.000	25.49		0.952		YES			1.33	
15	15 PCB-17			NO	0.758	3.000	25.68		0.959		YES			1.44	
16	16 PCB-24/27			NO	1.08	3.000	26.27		0.981		YES			1.01	
17	17 PCB-16/32			NO	0.925	3.000	26.80		1.001		YES			1.18	
18	18 PCB-34			NO	0.945	3.000	27.62		0.959		YES			0.860	
19	19 PCB-23			NO	0.883	3.000	27.71		0.962		YES			0.921	
20	20 PCB-29			NO	0.893	3.000	27.97		0.971		YES			0.911	
21	21 PCB-26			NO	0.944	3.000	28.17		0.979		YES			0.862	
22	22 PCB-25			NO	0.950	3.000	28.34		0.984		YES			0.856	
23	23 PCB-31			NO	1.04	3.000	28.71		0.997		YES			0.785	
24	24 PCB-28			NO	1.03	3.000	28.81		1.001		YES			0.794	
25	25 PCB-20/21/33			NO	0.941	3.000	29.45		1.023		YES			0.864	
26	26 PCB-22			NO	0.973	3.000	29.91		1.039		YES			0.836	
27	27 PCB-36			NO	1.08	3.000	30.53		0.931		YES			0.788	
28	28 PCB-39			NO	0.988	3.000	31.01		0.946		YES			0.858	
29	29 PCB-38			NO	1.05	3.000	31.81		0.970		YES			0.806	
30	30 PCB-35			NO	1.04	3.000	32.35		0.987		YES			0.813	
31	31 PCB-37			NO	1.01	3.000	32.80		1.001		YES			0.841	
32	32 PCB-54			NO	1.08	3.000	27.66		1.001		YES			0.360	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time
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Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50			NO	0.880	3.000	28.86		1.044		YES			0.442	
34	34 PCB-53			NO	0.997	3.000	29.54		0.944		YES			0.508	
35	35 PCB-51			NO	1.07	3.000	29.90		0.956		YES			0.476	
36	36 PCB-45			NO	0.858	3.000	30.34		0.970		YES			0.590	
37	37 PCB-46			NO	0.831	3.000	30.85		0.986		YES			0.610	
38	38 PCB-52/69			NO	1.17	3.000	31.33		1.001		YES			0.434	
39	39 PCB-73			NO	1.44	3.000	31.46		1.005		YES			0.351	
40	40 PCB-43/49			NO	1.02	3.000	31.61		1.010		YES			0.499	
41	41 PCB-47			NO	0.922	3.000	31.83		1.001		YES			0.514	
42	42 PCB-48/75			NO	1.12	3.000	31.94		1.004		YES			0.423	
43	43 PCB-65			NO	1.28	3.000	32.22		1.013		YES			0.369	
44	44 PCB-62			NO	1.13	3.000	32.33		1.016		YES			0.420	
45	45 PCB-44			NO	0.824	3.000	32.67		1.027		YES			0.575	
46	46 PCB-42/59			NO	1.05	3.000	32.87		1.033		YES			0.451	
47	47 PCB-41/64/71/72			NO	1.19	3.000	33.50		1.053		YES			0.399	
48	48 PCB-68			NO	1.28	3.000	33.77		1.062		YES			0.371	
49	49 PCB-40			NO	0.602	3.000	33.99		1.069		YES			0.787	
50	50 PCB-57			NO	1.16	3.000	34.34		0.969		YES			0.359	
51	51 PCB-67			NO	1.08	3.000	34.65		0.978		YES			0.385	
52	52 PCB-58			NO	1.20	3.000	34.77		0.981		YES			0.347	
53	53 PCB-63			NO	1.07	3.000	34.94		0.986		YES			0.389	
54	54 PCB-74			NO	1.19	3.000	35.24		0.994		YES			0.352	
55	55 PCB-61/70			NO	1.05	3.000	35.45		1.000		YES			0.396	
56	56 PCB-76/66			NO	1.16	3.000	35.65		1.006		YES			0.358	
57	57 PCB-80			NO	1.19	3.000	35.89		1.001		YES			0.329	
58	58 PCB-55			NO	1.17	3.000	36.22		1.010		YES			0.334	
59	59 PCB-56/60			NO	1.02	3.000	36.72		1.024		YES			0.384	
60	60 PCB-79			NO	1.14	3.000	37.82		1.054		YES			0.343	
61	61 PCB-78			NO	1.14	3.000	38.54		0.987		YES			0.384	
62	62 PCB-81			NO	1.05	3.000	39.09		1.000		YES			0.417	
63	63 PCB-77			NO	1.14	3.000	39.70		1.000		YES			0.404	
64	64 PCB-104			NO	1.12	3.000	32.50		1.001		YES			0.525	
65	65 PCB-96			NO	1.15	3.000	33.82		1.041		YES			0.510	
66	66 PCB-103			NO	0.936	3.000	34.38		1.059		YES			0.629	
67	67 PCB-100			NO	0.954	3.000	34.74		1.070		YES			0.618	
68	68 PCB-94			NO	0.949	3.000	35.21		0.985		YES			0.822	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time

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Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102			NO	1.20	3.000	35.68		0.999		YES			0.648	
70	70 PCB-93			NO	0.935	3.000	35.82		1.003		YES			0.834	
71	71 PCB-88/91			NO	1.06	3.000	36.16		1.012		YES			0.733	
72	72 PCB-121			NO	1.71	3.000	36.26		1.015		YES			0.456	
73	73 PCB-84/92			NO	1.02	3.000	37.11		0.990		YES			0.772	
74	74 PCB-89			NO	1.11	3.000	37.29		0.995		YES			0.711	
75	75 PCB-90/101			NO	1.12	3.000	37.50		1.000		YES			0.700	
76	76 PCB-113			NO	1.51	3.000	37.75		1.007		YES			0.519	
77	77 PCB-99			NO	1.32	3.000	37.83		1.009		YES			0.595	
78	78 PCB-119			NO	1.81	3.000	38.32		0.987		YES			0.475	
79	79 PCB-108/112			NO	1.44	3.000	38.48		0.991		YES			0.593	
80	80 PCB-83			NO	1.83	3.000	38.63		0.995		YES			0.468	
81	81 PCB-97			NO	1.28	3.000	38.84		1.000		YES			0.668	
82	82 PCB-86			NO	1.12	3.000	38.98		1.004		YES			0.767	
83	83 PCB-87/117/125			NO	1.56	3.000	39.13		1.008		YES			0.550	
84	84 PCB-111/115			NO	1.91	3.000	39.29		1.012		YES			0.448	
85	85 PCB-85/116			NO	1.41	3.000	39.42		1.015		YES			0.607	
86	86 PCB-120			NO	2.01	3.000	39.67		1.022		YES			0.427	
87	87 PCB-110			NO	1.74	3.000	39.83		1.026		YES			0.492	
88	88 PCB-82			NO	0.781	3.000	40.47		0.976		YES			0.861	
89	89 PCB-124			NO	1.40	3.000	41.17		0.993		YES			0.482	
90	90 PCB-107/109			NO	1.34	3.000	41.32		0.996		YES			0.502	
91	91 PCB-123			NO	1.20	3.000	41.49		1.000		YES			0.562	
92	92 PCB-106/118			NO	1.22	3.000	41.69		1.001		YES			0.534	
93	93 PCB-114			NO	1.14	3.000	42.35		1.000		YES			0.522	
94	94 PCB-122			NO	0.944	3.000	42.50		1.004		YES			0.630	
95	95 PCB-105			NO	1.05	3.000	43.24		1.000		YES			0.551	
96	96 PCB-127			NO	1.06	3.000	43.60		1.000		YES			0.536	
97	97 PCB-126			NO	1.17	3.000	45.55		1.000		YES			0.525	
98	98 PCB-155			NO	1.04	3.000	37.02		1.000		YES			0.457	
99	99 PCB-150			NO	1.08	3.000	38.34		1.036		YES			0.440	
100	1... PCB-152			NO	1.19	3.000	38.83		1.049		YES			0.402	
101	1... PCB-145			NO	1.19	3.000	39.28		1.062		YES			0.401	
102	1... PCB-136			NO	1.02	3.000	39.63		1.071		YES			0.467	
103	1... PCB-148			NO	0.842	3.000	39.74		1.074		YES			0.567	
104	1... PCB-154			NO	0.919	3.000	40.24		1.088		YES			0.519	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time

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Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	3.000	40.91		1.106		YES			0.607	
106	1... PCB-135			NO	0.922	3.000	41.13		1.112		YES			0.517	
107	1... PCB-144			NO	0.789	3.000	41.23		1.114		YES			0.605	
108	1... PCB-147			NO	0.834	3.000	41.38		1.118		YES			0.572	
109	1... PCB-139/149			NO	0.948	3.000	41.64		1.125		YES			0.503	
110	1... PCB-140			NO	0.794	3.000	41.88		1.132		YES			0.601	
111	1... PCB-134/143			NO	0.759	3.000	42.29		0.975		YES			0.369	
112	1... PCB-131/133			NO	0.821	3.000	42.59		0.982		YES			0.341	
113	1... PCB-142			NO	0.754	3.000	42.74		0.985		YES			0.371	
114	1... PCB-146/165			NO	1.02	3.000	42.97		0.990		YES			0.275	
115	1... PCB-132/161			NO	1.02	3.000	43.22		0.996		YES			0.273	
116	1... PCB-153			NO	1.07	3.000	43.41		1.000		YES			0.261	
117	1... PCB-168			NO	1.08	3.000	43.64		1.006		YES			0.260	
118	1... PCB-141			NO	1.03	3.000	44.17		1.000		YES			0.347	
119	1... PCB-137			NO	1.11	3.000	44.56		1.009		YES			0.320	
120	1... PCB-130			NO	0.885	3.000	44.68		1.012		YES			0.402	
121	1... PCB-138/163/164			NO	1.28	3.000	45.06		1.001		YES			0.264	
122	1... PCB-158/160			NO	1.24	3.000	45.30		1.006		YES			0.273	
123	1... PCB-129			NO	0.867	3.000	45.55		1.012		YES			0.391	
124	1... PCB-166			NO	1.14	3.000	46.03		0.993		YES			0.253	
125	1... PCB-159			NO	1.22	3.000	46.37		1.000		YES			0.238	
126	1... PCB-128/162			NO	0.907	3.000	46.68		1.007		YES			0.319	
127	1... PCB-167			NO	1.11	3.000	47.07		1.000		YES			0.255	
128	1... PCB-156			NO	1.13	3.000	48.39		1.000		YES			0.281	
129	1... PCB-157			NO	1.04	3.000	48.68		1.000		YES			0.290	
130	1... PCB-169			NO	1.16	3.000	50.95		1.000		YES			0.297	
131	1... PCB-188			NO	1.29	3.000	43.05		1.001		YES			0.270	
132	1... PCB-184			NO	1.23	3.000	43.48		1.011		YES			0.282	
133	1... PCB-179			NO	1.30	3.000	44.31		1.030		YES			0.268	
134	1... PCB-176			NO	1.31	3.000	44.77		1.041		YES			0.266	
135	1... PCB-186			NO	1.33	3.000	45.40		1.056		YES			0.262	
136	1... PCB-178			NO	0.943	3.000	45.91		1.067		YES			0.369	
137	1... PCB-175			NO	0.956	3.000	46.27		1.076		YES			0.364	
138	1... PCB-182/187			NO	1.07	3.000	46.48		1.081		YES			0.326	
139	1... PCB-183			NO	1.02	3.000	46.78		1.088		YES			0.340	
140	1... PCB-185			NO	1.41	3.000	47.46		0.955		YES			0.408	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174			NO	1.35	3.000	47.86		0.963		YES			0.423	
142	1... PCB-181			NO	1.47	3.000	47.96		0.965		YES			0.389	
143	1... PCB-177			NO	1.28	3.000	48.13		0.968		YES			0.448	
144	1... PCB-171			NO	1.32	3.000	48.43		0.974		YES			0.435	
145	1... PCB-173			NO	1.19	3.000	48.86		0.983		YES			0.481	
146	1... PCB-172			NO	1.38	3.000	49.34		0.992		YES			0.417	
147	1... PCB-192			NO	1.83	3.000	49.53		0.996		YES			0.314	
148	1... PCB-180			NO	1.41	3.000	49.74		1.000		YES			0.406	
149	1... PCB-193			NO	1.68	3.000	49.96		1.005		YES			0.342	
150	1... PCB-191			NO	1.71	3.000	50.23		1.010		YES			0.335	
151	1... PCB-170			NO	1.40	3.000	51.41		1.000		YES			0.485	
152	1... PCB-190			NO	1.85	3.000	51.62		1.005		YES			0.367	
153	1... PCB-189			NO	1.45	3.000	53.11		1.000		YES			0.318	
154	1... PCB-202			NO	1.17	3.000	48.64		1.001		YES			0.279	
155	1... PCB-201			NO	1.05	3.000	49.13		1.011		YES			0.309	
156	1... PCB-204			NO	1.14	3.000	49.28		1.014		YES			0.286	
157	1... PCB-197			NO	1.13	3.000	49.60		1.021		YES			0.288	
158	1... PCB-200			NO	1.07	3.000	50.54		1.040		YES			0.304	
159	1... PCB-198			NO	0.794	3.000	52.08		1.072		YES			0.410	
160	1... PCB-199			NO	0.809	3.000	52.22		1.074		YES			0.403	
161	1... PCB-196/203			NO	0.838	3.000	52.52		1.081		YES			0.389	
162	1... PCB-195			NO	1.04	3.000	53.82		0.984		YES			0.377	
163	1... PCB-194			NO	1.12	3.000	54.72		1.000		YES			0.352	
164	1... PCB-205			NO	1.29	3.000	55.00		1.005		YES			0.305	
165	1... PCB-208			NO	0.933	3.000	53.96		1.000		YES			0.182	
166	1... PCB-207			NO	0.916	3.000	54.30		1.007		YES			0.185	
167	1... PCB-206			NO	1.01	3.000	56.26		1.000		YES			0.343	
168	1... PCB-209			NO	0.986	3.000	57.49		1.000		YES			0.399	
169	1... 13C-PCB-1	9.09e5	3.57	NO	0.893	3.000	15.54	15.55	0.608	0.609	NO	1704	51.1	3.12	
170	1... 13C-PCB-3	9.25e5	3.41	NO	0.911	3.000	18.19	18.19	0.712	0.712	NO	1701	51.0	3.06	
171	1... 13C-PCB-4	8.10e5	1.60	NO	0.600	3.000	19.55	19.55	0.765	0.765	NO	2261	67.8	1.67	
172	1... 13C-PCB-9	1.30e6	1.59	NO	0.970	3.000	21.38	21.37	0.837	0.836	NO	2249	67.5	1.04	
173	1... 13C-PCB-11	1.35e6	1.56	NO	0.962	3.000	24.83	24.83	0.972	0.972	NO	2345	70.3	1.04	
174	1... 13C-PCB-19	5.37e5	1.06	NO	0.499	3.000	23.79	23.78	0.931	0.931	NO	1804	54.1	12.9	
175	1... 13C-PCB-32	8.04e5	1.01	NO	0.744	3.000	26.78	26.78	1.048	1.048	NO	1811	54.3	8.64	
176	1... 13C-PCB-28	1.03e6	1.07	NO	1.06	3.000	28.77	28.79	1.003	1.004	NO	2394	71.8	22.4	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time

Printed: Friday, October 02, 2020 11:43:38 Pacific Daylight Time

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	FA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.00e6	1.01	NO	0.989	3.000	32.77	32.78	1.143	1.143	NO	2496	74.9	24.1	
178	1... 13C-PCB-54	8.59e5	0.81	NO	0.999	3.000	27.63	27.64	0.753	0.753	NO	2548	76.5	3.75	
179	1... 13C-PCB-52	6.81e5	0.80	NO	0.804	3.000	31.26	31.29	0.852	0.852	NO	2512	75.4	4.66	
180	1... 13C-PCB-47	7.18e5	0.81	NO	0.857	3.000	31.78	31.81	0.866	0.867	NO	2484	74.5	4.37	
181	1... 13C-PCB-70	8.38e5	0.80	NO	0.996	3.000	35.43	35.44	0.965	0.966	NO	2496	74.9	3.76	
182	1... 13C-PCB-80	8.76e5	0.79	NO	1.03	3.000	35.87	35.87	0.977	0.977	NO	2526	75.8	3.65	
183	1... 13C-PCB-81	8.07e5	0.79	NO	0.988	3.000	39.06	39.07	1.064	1.064	NO	2423	72.7	3.79	
184	1... 13C-PCB-77	7.76e5	0.78	NO	0.969	3.000	39.67	39.68	1.081	1.081	NO	2376	71.3	3.87	
185	1... 13C-PCB-104	5.80e5	1.59	NO	1.02	3.000	32.46	32.48	0.827	0.827	NO	2494	74.8	1.43	
186	1... 13C-PCB-95	4.53e5	1.64	NO	0.805	3.000	35.74	35.74	0.910	0.910	NO	2456	73.7	1.80	
187	1... 13C-PCB-101	4.36e5	1.61	NO	0.793	3.000	37.49	37.48	0.955	0.954	NO	2406	72.2	1.83	
188	1... 13C-PCB-97	3.98e5	1.60	NO	0.696	3.000	38.83	38.82	0.989	0.989	NO	2499	75.0	2.09	
189	1... 13C-PCB-123	5.20e5	1.63	NO	0.933	3.000	41.47	41.47	1.056	1.056	NO	2436	73.1	1.56	
190	1... 13C-PCB-118	5.56e5	1.60	NO	0.986	3.000	41.66	41.65	1.061	1.061	NO	2464	73.9	1.47	
191	1... 13C-PCB-114	7.79e5	1.58	NO	1.55	3.000	42.33	42.33	0.908	0.908	NO	2592	77.8	2.13	
192	1... 13C-PCB-105	7.89e5	1.65	NO	1.57	3.000	43.22	43.22	0.927	0.927	NO	2583	77.5	2.10	
193	1... 13C-PCB-127	8.36e5	1.65	NO	1.62	3.000	43.56	43.58	0.934	0.935	NO	2649	79.5	2.03	
194	1... 13C-PCB-126	7.67e5	1.59	NO	1.57	3.000	45.54	45.53	0.976	0.976	NO	2518	75.6	2.10	
195	1... 13C-PCB-155	3.84e5	1.33	NO	0.615	3.000	36.99	37.00	0.942	0.942	NO	2733	82.0	1.07	
196	1... 13C-PCB-153	6.72e5	1.29	NO	1.36	3.000	43.39	43.39	0.930	0.931	NO	2534	76.0	3.12	
197	1... 13C-PCB-141	5.41e5	1.26	NO	1.13	3.000	44.15	44.15	0.947	0.947	NO	2468	74.1	3.77	
198	1... 13C-PCB-138	5.61e5	1.31	NO	1.18	3.000	45.02	45.02	0.965	0.965	NO	2440	73.2	3.59	
199	1... 13C-PCB-159	6.80e5	1.27	NO	1.44	3.000	46.34	46.35	0.994	0.994	NO	2431	72.9	2.96	
200	2... 13C-PCB-167	6.72e5	1.28	NO	1.44	3.000	47.05	47.05	1.009	1.009	NO	2402	72.1	2.95	
201	2... 13C-PCB-156	6.16e5	1.29	NO	1.40	3.000	48.37	48.37	1.037	1.037	NO	2272	68.1	3.04	
202	2... 13C-PCB-157	6.38e5	1.29	NO	1.40	3.000	48.66	48.66	1.043	1.043	NO	2351	70.5	3.04	
203	2... 13C-PCB-169	5.83e5	1.27	NO	1.33	3.000	50.93	50.93	1.092	1.092	NO	2255	67.6	3.20	
204	2... 13C-PCB-188	5.18e5	0.46	NO	1.41	3.000	43.01	43.01	0.926	0.926	NO	2491	74.7	3.66	
205	2... 13C-PCB-180	3.30e5	0.44	NO	0.929	3.000	49.70	49.72	1.070	1.071	NO	2411	72.3	5.55	
206	2... 13C-PCB-170	2.72e5	0.46	NO	0.794	3.000	51.36	51.39	1.106	1.106	NO	2323	69.7	6.49	
207	2... 13C-PCB-189	3.50e5	0.45	NO	1.04	3.000	53.09	53.09	1.143	1.143	NO	2276	68.3	4.94	
208	2... 13C-PCB-202	3.98e5	0.92	NO	1.04	3.000	48.60	48.60	1.046	1.047	NO	2609	78.3	3.27	
209	2... 13C-PCB-194	3.91e5	0.90	NO	0.768	3.000	54.71	54.71	0.995	0.995	NO	2641	79.2	8.75	
210	2... 13C-PCB-208	4.82e5	0.80	NO	0.991	3.000	53.95	53.95	0.981	0.981	NO	2521	75.6	4.84	
211	2... 13C-PCB-206	2.26e5	0.80	NO	0.552	3.000	56.25	56.24	1.023	1.023	NO	2118	63.5	8.68	
212	2... 13C-PCB-209	1.30e5	1.22	NO	0.396	3.000	57.49	57.49	1.046	1.045	NO	1697	50.9	0.425	

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time
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Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.99e6	1.56	NO	1.00	3.000	25.54	25.55	1.000	0.000	NO	3333	100	1.00	
214	2... 13C-PCB-31	1.35e6	1.14	NO	1.00	3.000	28.69	28.68	1.000	0.000	NO	3333	100	23.8	
215	2... 13C-PCB-60	1.12e6	0.81	NO	1.00	3.000	36.71	36.70	1.000	0.000	NO	3333	100	3.75	
216	2... 13C-PCB-111	7.63e5	1.64	NO	1.00	3.000	39.27	39.27	1.000	0.000	NO	3333	100	1.45	
217	2... 13C-PCB-128	6.47e5	1.29	NO	1.00	3.000	46.64	46.63	1.000	0.000	NO	3333	100	4.25	
218	2... 13C-PCB-182	4.91e5	0.46	NO	1.00	3.000	46.45	46.44	0.000	0.000	NO	3333	100	5.16	
219	2... 13C-PCB-205	6.43e5	0.92	NO	1.00	3.000	54.99	54.99	1.000	0.000	NO	3333	100	6.72	
220	2... 13C-PCB-79	9.34e5	0.78	NO	1.07	3.000	37.80	37.80	1.030	1.030	NO	2591	77.7	3.51	
221	2... 13C-PCB-178	3.98e5	0.46	NO	0.766	3.000	45.89	45.89	0.988	0.988	NO	2675	80.3	5.00	
222	2... 13C-PCB-79	9.35e5	0.78	NO	1.08	3.000	37.80	37.80	0.968	0.968	NO	3568	107	4.85	
223	2... 13C-PCB-178	3.98e5	0.46	NO	1.05	3.000	45.91	45.89	0.923	0.923	NO	3827	115	7.40	
224	2... Total Mono-PCBs				1.17	3.000	0.00		0.000		NO			1.60	0.870
225	2... Total Di-PCBs				1.05	3.000	0.00		0.000		NO			24.8	0.454.89
226	2... 2nd Function Tri-PCBs				1.08	3.000	0.00		0.000		NO			7.33	1.47
227	2... 3rd Function Tri-PCBs				0.983	3.000	0.00		0.000		NO			17.8	
228	2... Total Tetra-PCBs				1.08	3.000	0.00		0.000		NO			13.8	0.787
229	2... 3rd Function Penta-PCBs				1.32	3.000	0.00		0.000		NO			12.5	0.561
230	2... 4th Function Penta-PCBs				1.07	3.000	0.00		0.000		NO			2.76	
231	2... 3rd Function Hexa-PCBs				0.951	3.000	0.00		0.000		NO			6.66	0.607
232	2... 4th Function Hexa-PCBs				1.03	3.000	0.00		0.000		NO			6.08	
233	2... Total Hepta-PCBs				1.36	3.000	0.00		0.000		NO			8.34	0.485
234	2... 4th Function Octa-PCBs				1.00	3.000	0.00		0.000		NO			2.87	0.410
235	2... 5th Function Octa-PCBs				1.15	3.000	0.00		0.000		NO			1.03	
236	2... Total Nona-PCBs				0.952	3.000	0.00		0.000		NO			0.740	0.343
237	2... Deca-CB				0.986	3.000	0.00		0.000		NO			0.399	
238	2... Total PCBs														

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

Total Mono-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Di-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

2nd Function Tri-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

3rd Function Tri-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Tetra-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

3rd Function Penta-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

4th Function Penta-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

3rd Function Hexa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

4th Function Hexa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Hepta-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

4th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

5th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Nona-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

Deca-CB

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Mono-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.54	15.55	1.247e7	3.358e6	7.102e5	1.987e5	3.57	NO	9.089e5	1704.2	3.12
2	13C-PCB-3	18.19	18.19	1.122e7	3.468e6	7.151e5	2.098e5	3.41	NO	9.248e5	1700.8	3.06

Total Di-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.55	19.55	8.174e6	5.056e6	4.983e5	3.114e5	1.60	NO	8.097e5	2261.1	1.67
2	13C-PCB-9	21.38	21.37	1.290e7	8.098e6	7.983e5	5.032e5	1.59	NO	1.302e6	2248.8	1.04
3	13C-PCB-11	24.83	24.83	1.234e7	7.753e6	8.210e5	5.248e5	1.56	NO	1.346e6	2344.9	1.04
4	13C-PCB-15	25.54	25.55	1.811e7	1.159e7	1.212e6	7.772e5	1.56	NO	1.990e6	3333.3	1.00

2nd Function Tri-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.79	23.78	4.248e6	4.006e6	2.759e5	2.614e5	1.06	NO	5.373e5	1804.2	12.9
2	13C-PCB-32	26.78	26.78	6.200e6	6.007e6	4.046e5	3.997e5	1.01	NO	8.043e5	1810.8	8.64

3rd Function Tri-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.69	28.68	9.836e6	8.436e6	7.212e5	6.301e5	1.14	NO	1.351e6	3333.3	23.8
2	13C-PCB-28	28.77	28.79	6.818e6	6.559e6	5.340e5	4.990e5	1.07	NO	1.033e6	2394.2	22.4
3	13C-PCB-37	32.77	32.78	6.349e6	6.281e6	5.024e5	4.985e5	1.01	NO	1.001e6	2496.1	24.1

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

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ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

Tetra-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-54	27.63	27.64	5.113e6	6.280e6	3.834e5	4.756e5	0.81	NO	8.590e5	2548.5		3.75
13C-PCB-52	31.26	31.29	3.903e6	4.987e6	3.022e5	3.792e5	0.80	NO	6.813e5	2512.0		4.66
13C-PCB-47	31.78	31.81	4.201e6	5.128e6	3.207e5	3.976e5	0.81	NO	7.183e5	2484.2		4.37
13C-PCB-70	35.43	35.44	4.758e6	5.947e6	3.734e5	4.648e5	0.80	NO	8.383e5	2496.1		3.76
13C-PCB-80	35.87	35.87	5.049e6	6.314e6	3.877e5	4.882e5	0.79	NO	8.760e5	2526.1		3.65
13C-PCB-60	36.71	36.70	6.413e6	7.927e6	5.041e5	6.201e5	0.81	NO	1.124e6	3333.3		3.75
13C-PCB-79	37.80	37.80	5.226e6	6.821e6	4.083e5	5.255e5	0.78	NO	9.339e5	2590.5		3.51
13C-PCB-81	39.06	39.07	4.489e6	5.714e6	3.551e5	4.522e5	0.79	NO	8.073e5	2422.8		3.79
13C-PCB-77	39.67	39.68	4.270e6	5.518e6	3.412e5	4.350e5	0.78	NO	7.762e5	2375.8		3.87

3rd Function Penta-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-104	32.46	32.48	4.693e6	2.973e6	3.562e5	2.239e5	1.59	NO	5.801e5	2494.3		1.43
13C-PCB-95	35.74	35.74	3.582e6	2.191e6	2.809e5	1.716e5	1.64	NO	4.525e5	2456.4		1.80
13C-PCB-101	37.49	37.48	3.534e6	2.185e6	2.692e5	1.671e5	1.61	NO	4.363e5	2406.1		1.83
13C-PCB-97	38.83	38.82	3.234e6	2.024e6	2.451e5	1.531e5	1.60	NO	3.981e5	2498.9		2.09
13C-PCB-111	39.27	39.27	6.188e6	3.799e6	4.741e5	2.885e5	1.64	NO	7.626e5	3333.3		1.45
13C-PCB-123	41.47	41.47	4.141e6	2.506e6	3.218e5	1.980e5	1.63	NO	5.198e5	2435.5		1.56
13C-PCB-118	41.66	41.65	4.255e6	2.676e6	3.421e5	2.136e5	1.60	NO	5.557e5	2464.5		1.47

4th Function Penta-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-114	42.33	42.33	5.980e6	3.788e6	4.769e5	3.017e5	1.58	NO	7.786e5	2591.8		2.13
13C-PCB-105	43.22	43.22	6.251e6	3.782e6	4.912e5	2.977e5	1.65	NO	7.890e5	2583.4		2.10
13C-PCB-127	43.56	43.58	6.370e6	3.804e6	5.200e5	3.157e5	1.65	NO	8.358e5	2648.5		2.03
13C-PCB-126	45.54	45.53	5.799e6	3.609e6	4.710e5	2.960e5	1.59	NO	7.669e5	2518.4		2.10

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-7B.qld

Last Altered: Friday, October 02, 2020 11:41:37 Pacific Daylight Time

Printed: Friday, October 02, 2020 11:44:03 Pacific Daylight Time

ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

4th Function Hexa-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	4.850e6	3.783e6	3.778e5	2.939e5	1.29	NO	6.717e5	2533.9		3.12
2	13C-PCB-141	44.15	44.15	3.785e6	3.000e6	3.018e5	2.390e5	1.26	NO	5.407e5	2468.4		3.77
3	13C-PCB-138	45.02	45.02	4.042e6	3.090e6	3.185e5	2.429e5	1.31	NO	5.614e5	2439.8		3.59
4	13C-PCB-159	46.34	46.35	4.665e6	3.703e6	3.805e5	2.992e5	1.27	NO	6.796e5	2431.0		2.96
5	13C-PCB-128	46.64	46.63	4.691e6	3.589e6	3.646e5	2.828e5	1.29	NO	6.474e5	3333.3		4.25
6	13C-PCB-167	47.05	47.05	4.791e6	3.805e6	3.771e5	2.948e5	1.28	NO	6.719e5	2402.2		2.95
7	13C-PCB-156	48.37	48.37	4.295e6	3.358e6	3.467e5	2.696e5	1.29	NO	6.163e5	2271.5		3.04
8	13C-PCB-157	48.66	48.66	4.517e6	3.488e6	3.591e5	2.787e5	1.29	NO	6.378e5	2350.7		3.04
9	13C-PCB-169	50.93	50.93	3.926e6	3.082e6	3.266e5	2.564e5	1.27	NO	5.830e5	2254.9		3.20

5th Function Octa-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.71	3.395e6	3.736e6	1.856e5	2.058e5	0.90	NO	3.914e5	2641.0		8.75
2	13C-PCB-205	54.99	54.99	5.586e6	6.002e6	3.077e5	3.355e5	0.92	NO	6.432e5	3333.3		6.72

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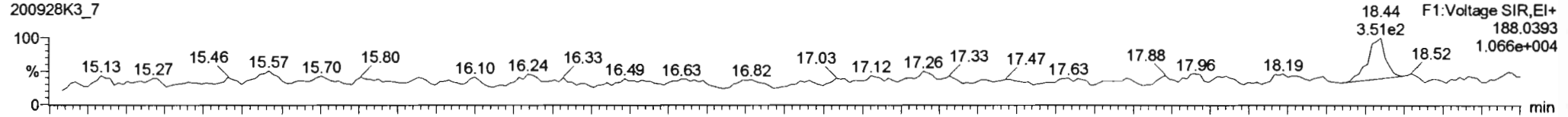
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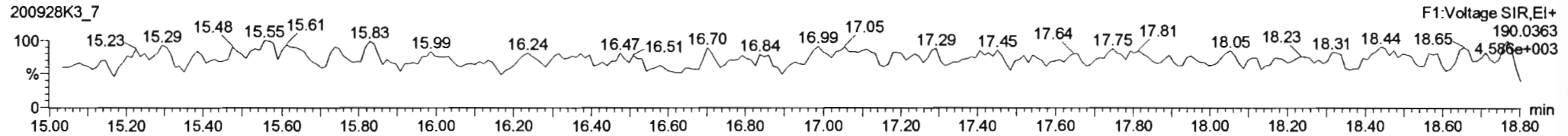
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PCB-1

200928K3_7

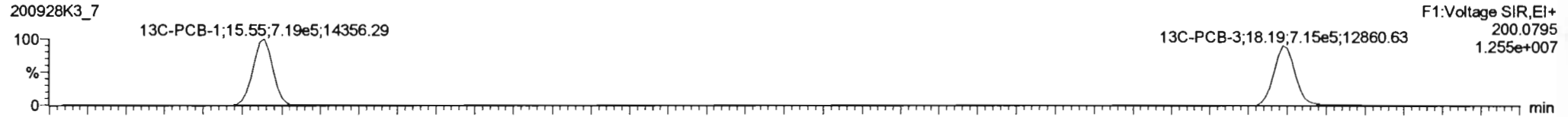


200928K3_7

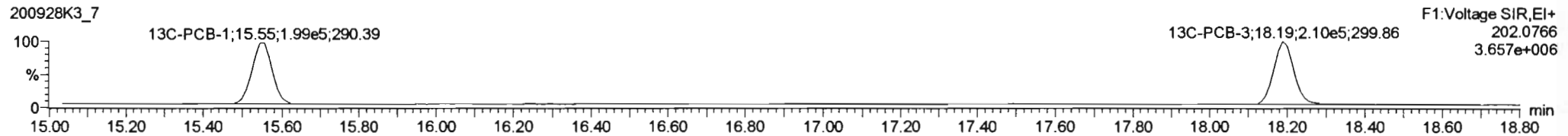


13C-PCB-1

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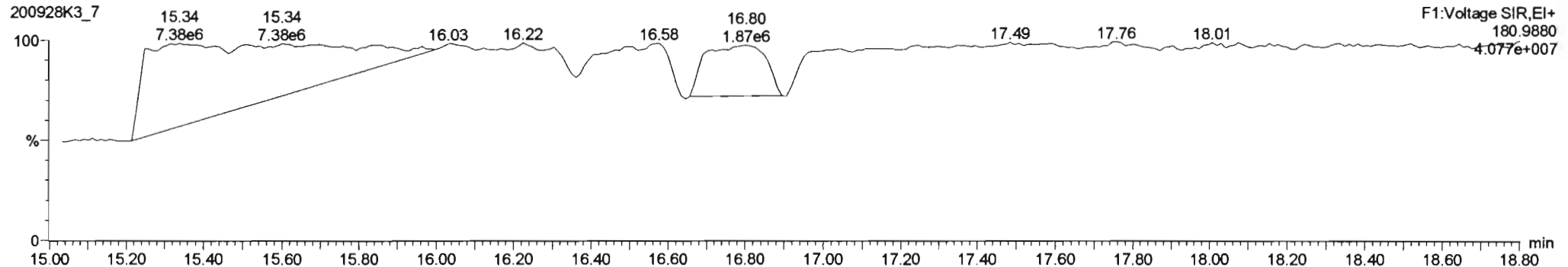


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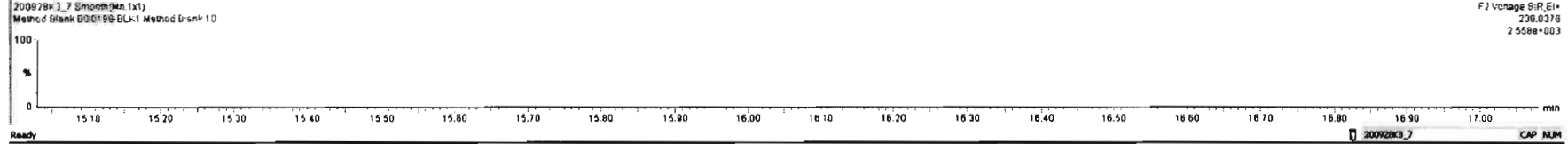
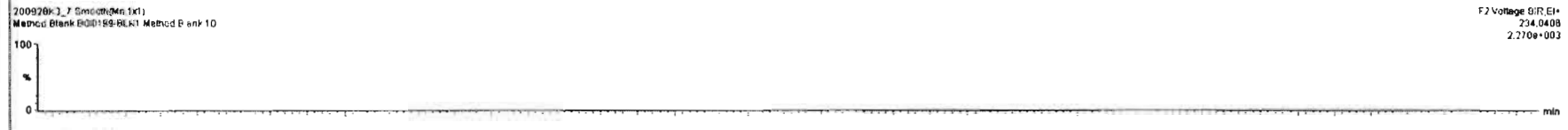
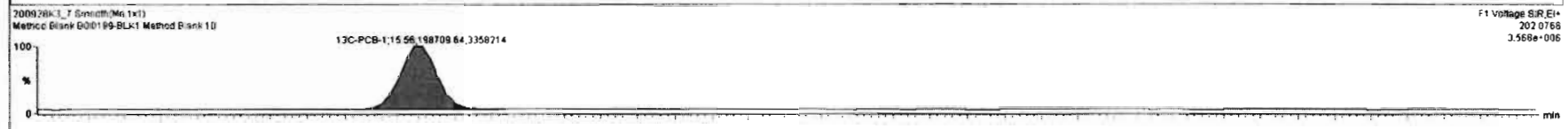
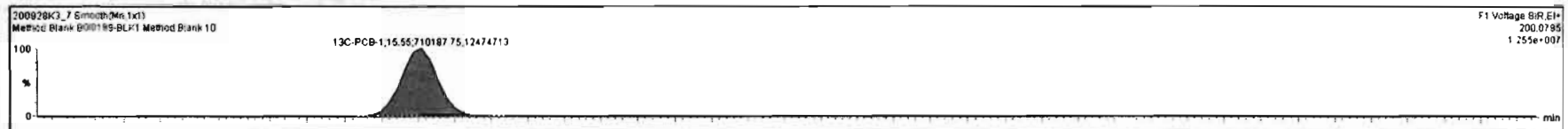


PFK1

200928K3_7



#	Name	Reep	RA	rvf	RRF	wtVot	PredRT	RT	PredR...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
164	164 PCB-205			NO	1.2894	3.000	55.00		1.005		YES			0.305	
165	165 PCB-206			NO	0.9331	3.000	53.96		1.000		YES			0.162	
166	166 PCB-207			NO	0.9163	3.000	54.30		1.007		YES			0.185	
167	167 PCB-206			NO	1.0074	3.000	56.26		1.000		YES			0.343	
168	168 PCB-209			NO	0.9864	3.000	57.49		1.000		YES			0.390	
169	169 13C-PCB-1	8.09e5	3.52	NO	0.8935	3.000	15.54	15.55	0.608	0.608	NO	1704	51.1	3.12	
170	170 13C-PCB-3	8.25e5	3.41	NO	0.9108	3.000	16.19	16.19	0.712	0.712	NO	1701	51.0	3.06	
171	171 13C-PCB-4	8.10e5	1.80	NO	0.8000	3.000	19.55	19.55	0.765	0.765	NO	2261	67.8	1.87	
172	172 13C-PCB-9	1.30e6	1.59	NO	0.9696	3.000	21.36	21.37	0.837	0.836	NO	2249	67.5	1.94	
173	173 13C-PCB-11	1.35e6	1.56	NO	0.9815	3.000	24.83	24.83	0.872	0.872	NO	2345	70.3	1.94	
174	174 13C-PCB-18	5.37e5	1.08	NO	0.4989	3.000	23.78	23.78	0.831	0.831	NO	1804	54.1	12.9	
175	175 13C-PCB-32	8.04e5	1.01	NO	0.7441	3.000	26.78	26.78	1.048	1.048	NO	1811	54.3	8.64	
176	176 13C-PCB-26	1.02e6	1.07	NO	1.0843	3.000	28.77	28.79	1.003	1.004	NO	2394	71.8	22.4	
177	177 13C-PCB-37	1.00e6	1.01	NO	0.9881	3.000	32.77	32.78	1.143	1.143	NO	2498	74.9	24.1	
178	178 13C-PCB-54	8.59e5	0.81	NO	0.9984	3.000	27.63	27.64	0.753	0.753	NO	2548	75.5	3.75	



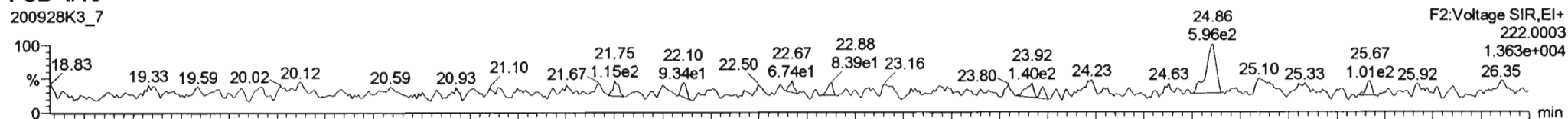
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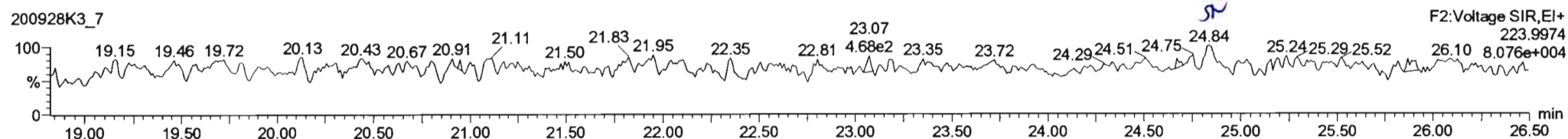
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PCB-4/10

200928K3_7

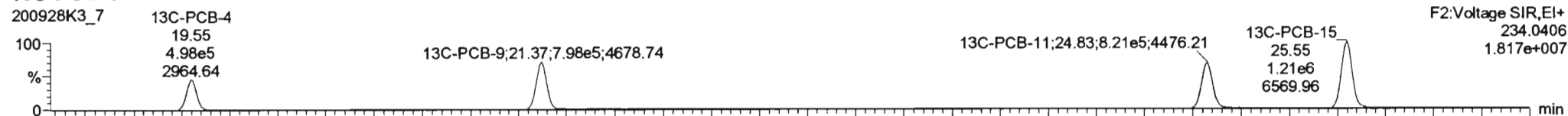


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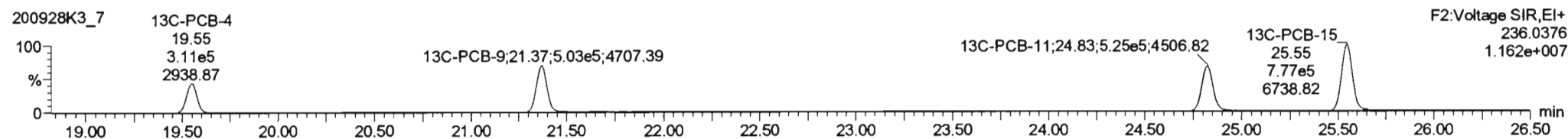


13C-PCB-4

200928K3_7

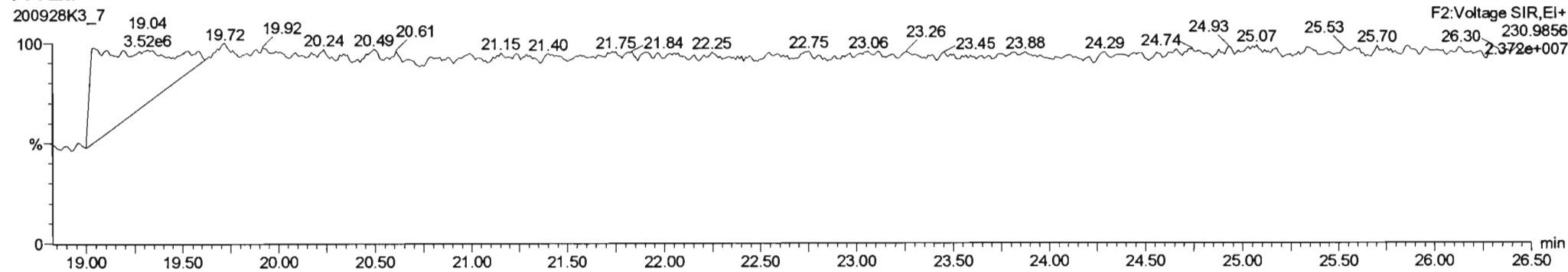


200928K3_7



PFK2a

200928K3_7



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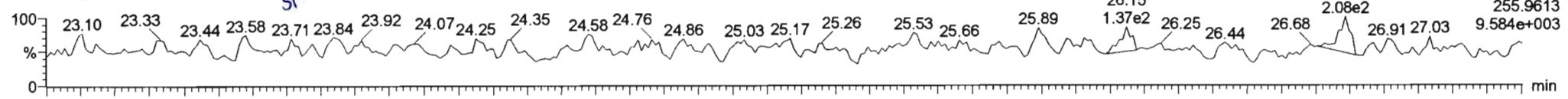
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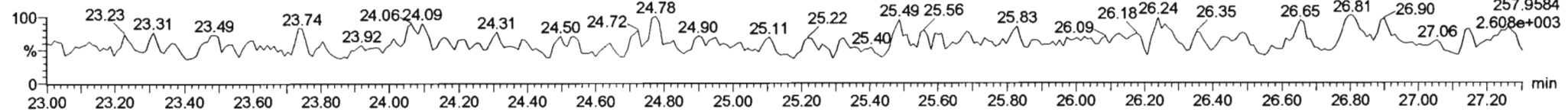
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PCB-19

200928K3_7

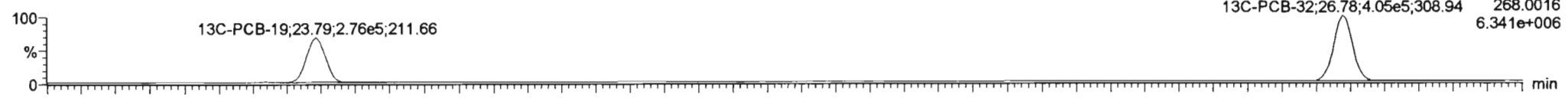


200928K3_7

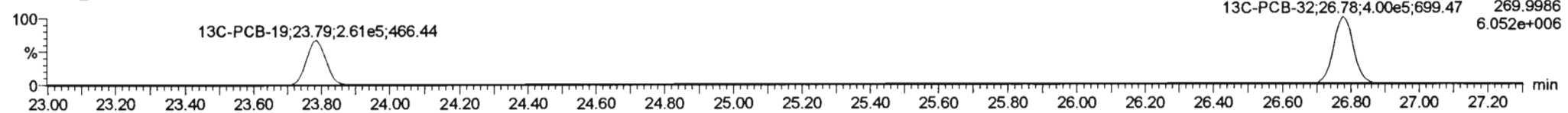


13C-PCB-19

200928K3_7

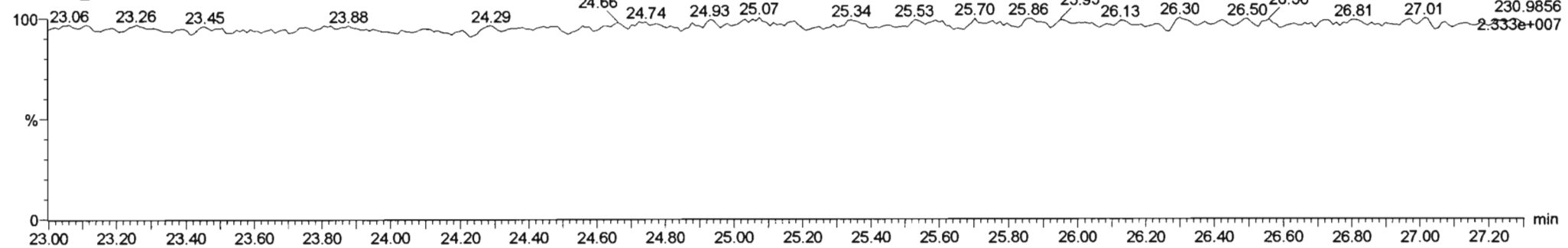


200928K3_7



PFK2b

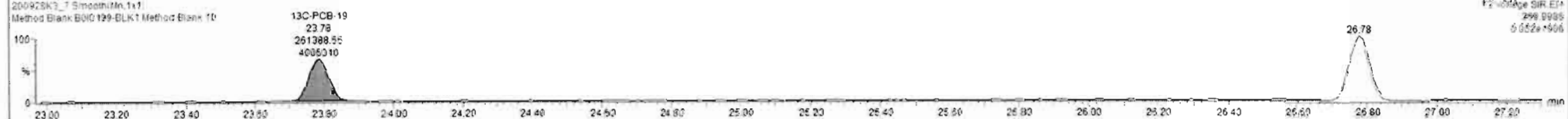
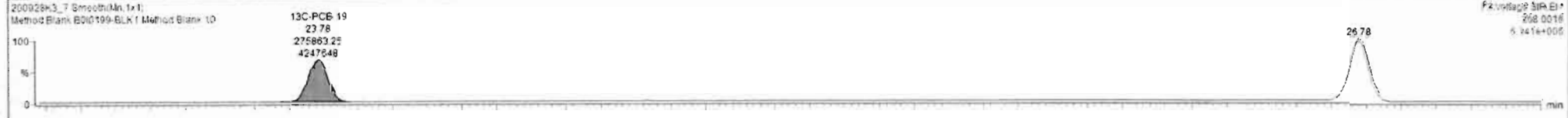
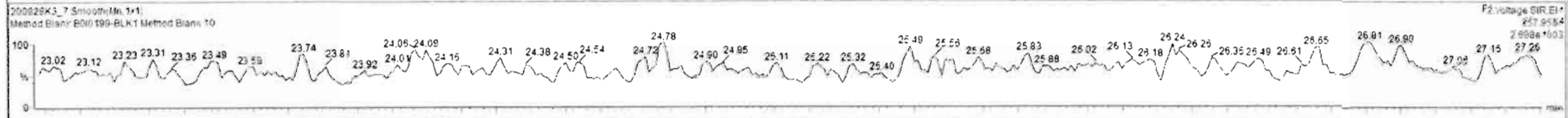
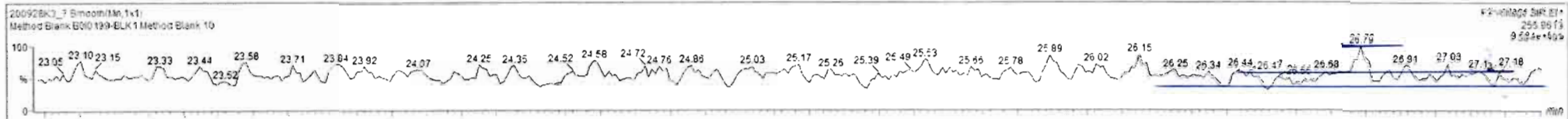
200928K3_7



200928K3_7 - B010199-BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	n/y	RRF	w/vol	Pred. RT	RT	Pred. R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	3.000	0.00		0.000		NO			2.32	
225	225 Total Di-PCBs				1.6537	3.000	0.00		0.000		NO			31.8	
226	226 2nd Function Tri-PCBs				1.0607	3.000	0.00		0.000		NO			7.33	
227	227 3rd Function Tri-PCBs				0.9628	3.000	0.00		0.000		NO			11.8	
228	228 Total Tetra-PCBs				1.0776	3.000	0.00		0.000		NO	0.0000		13.8	0.4130
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO			17.5	
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO			2.76	
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO			6.86	

#	Name	Pred. RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1										

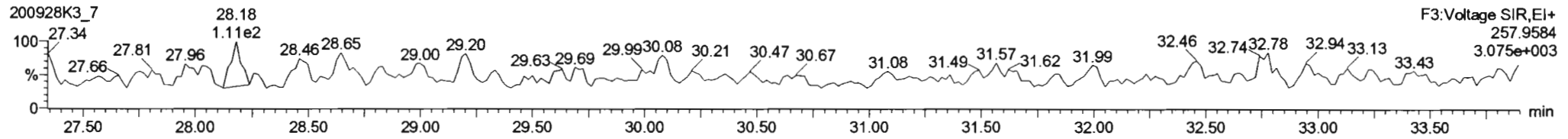
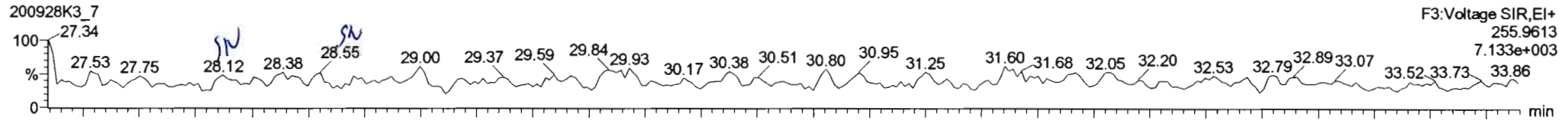


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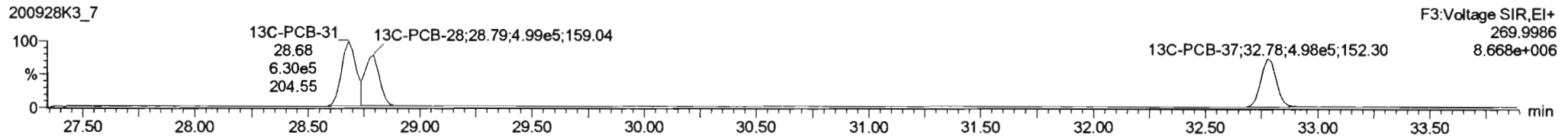
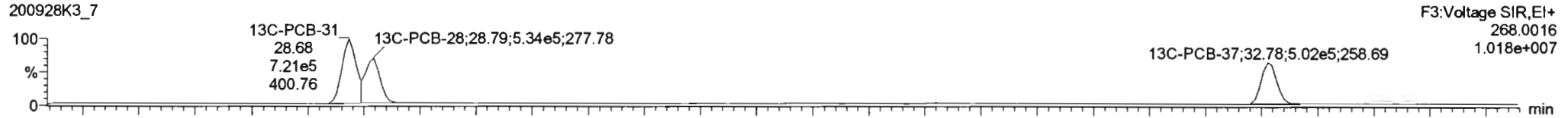
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Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

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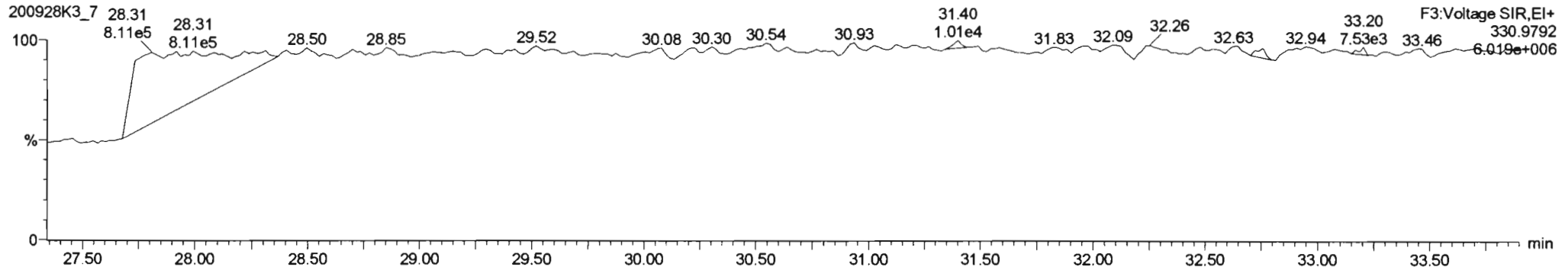
PCB-34



13C-PCB-28



PFK3d

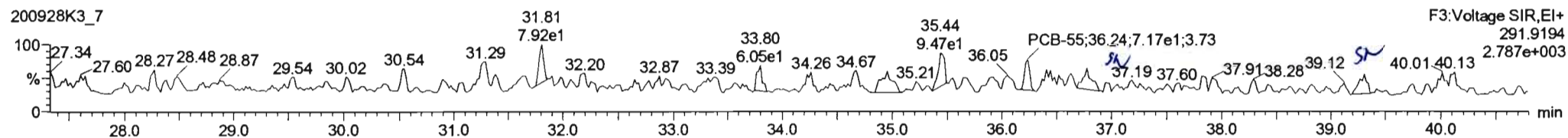
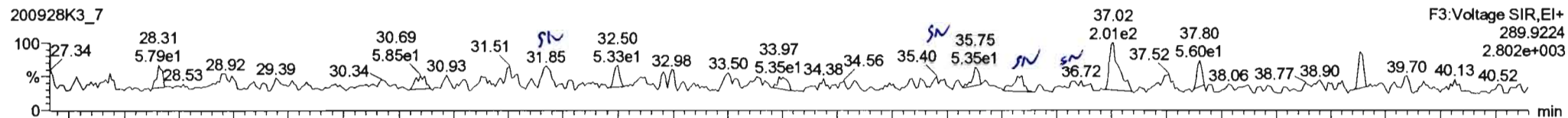


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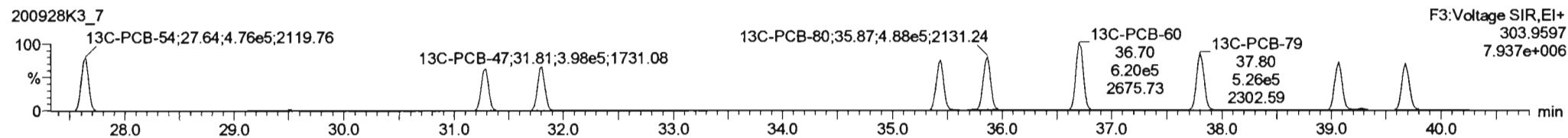
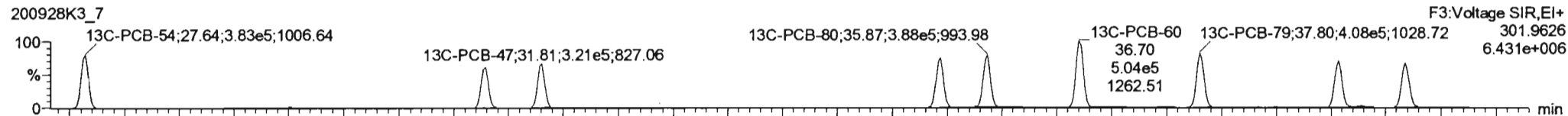
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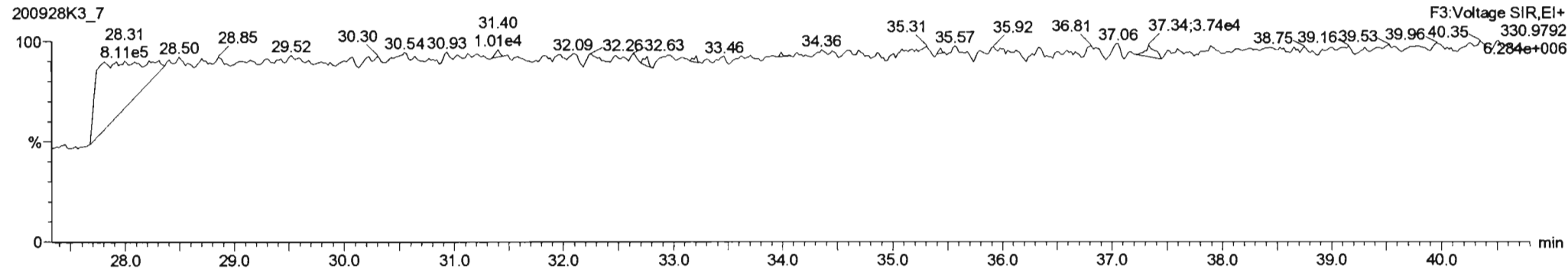
PCB-54



13C-PCB-54



PFK3a

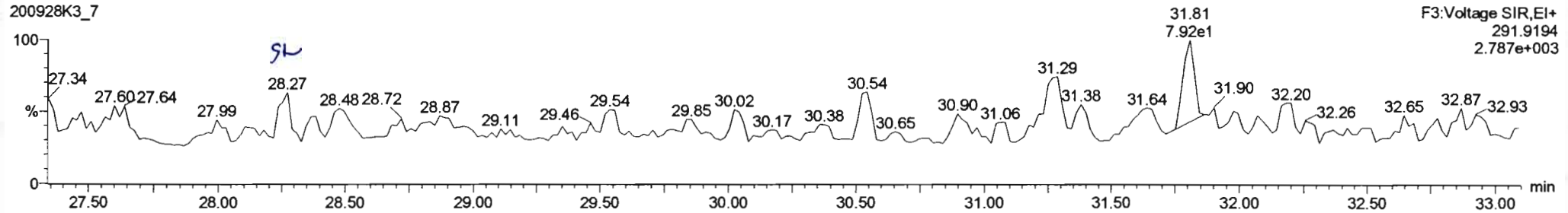
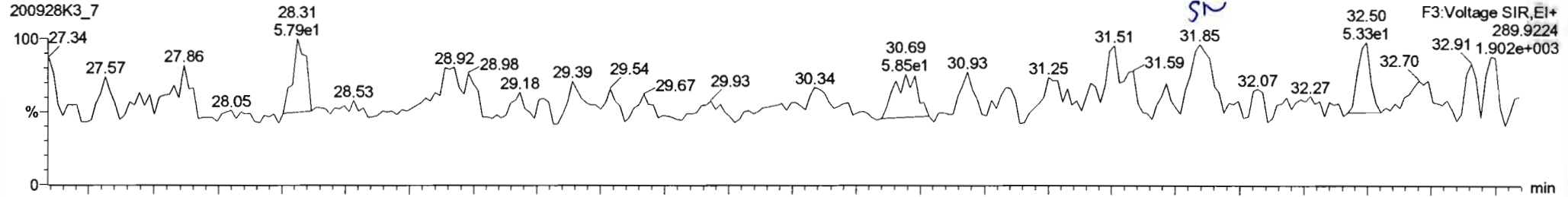


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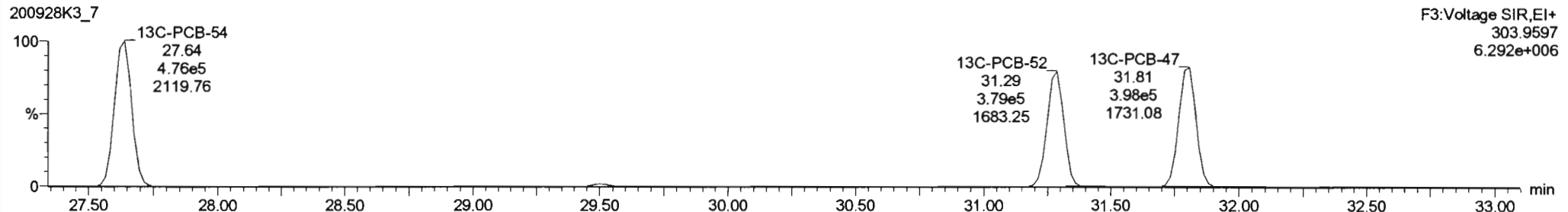
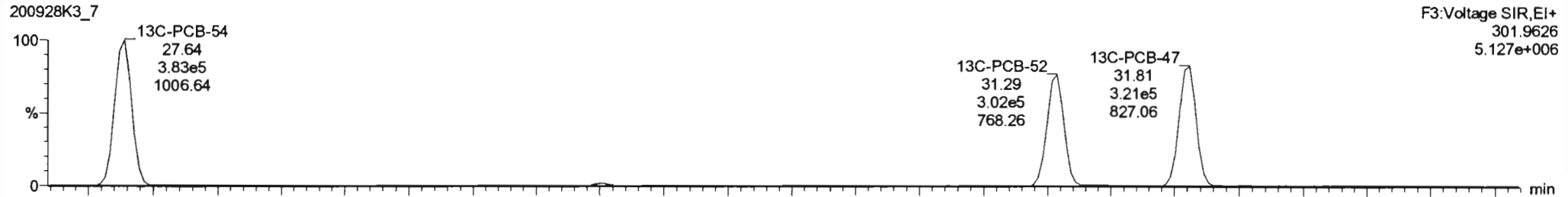
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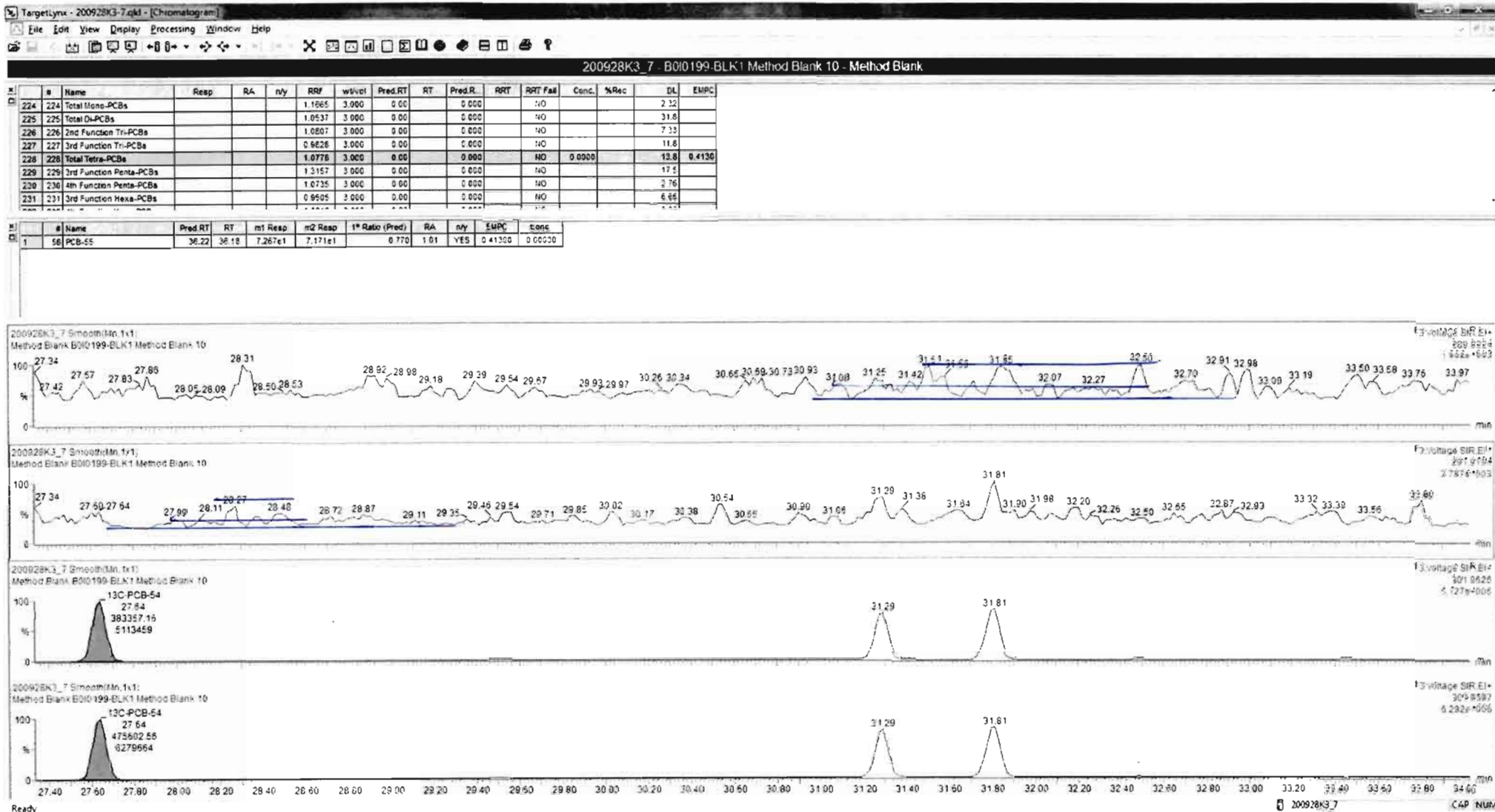
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PCB-50



13C-PCB-52





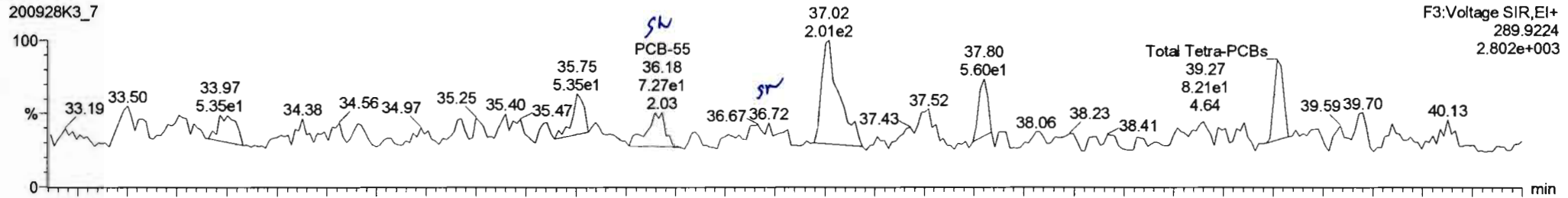
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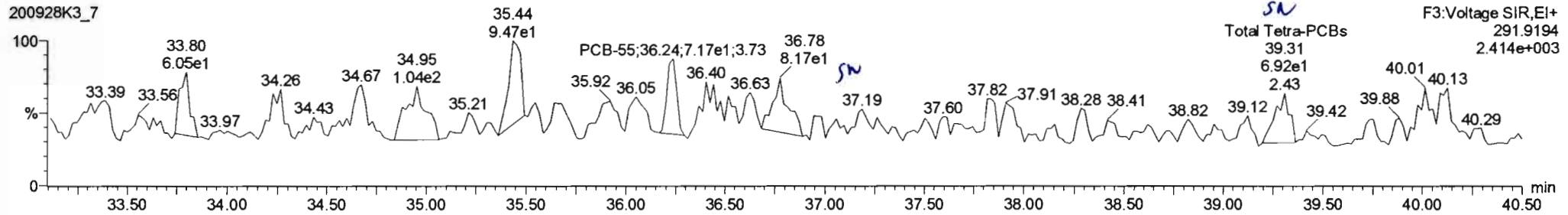
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PCB-68

200928K3_7

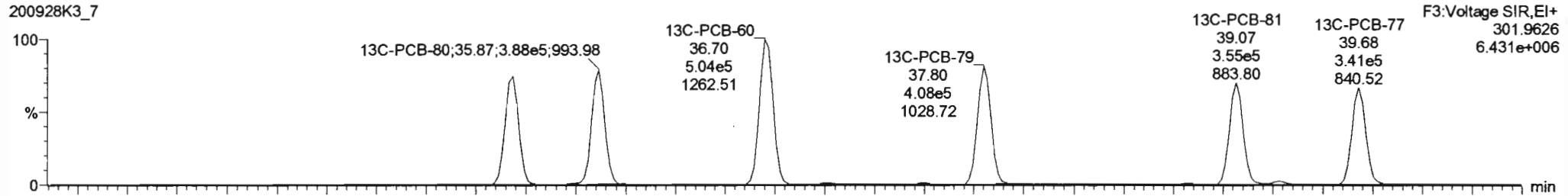


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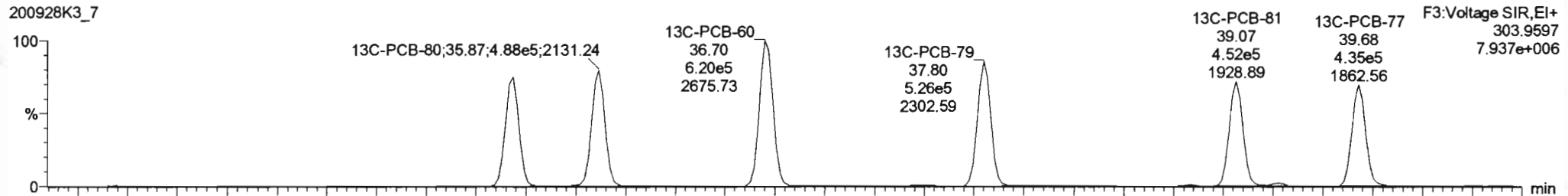


13C-PCB-60

200928K3_7



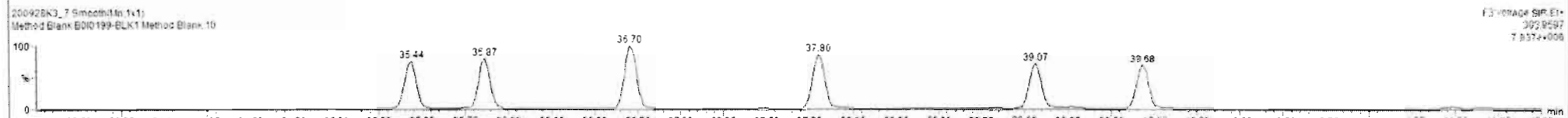
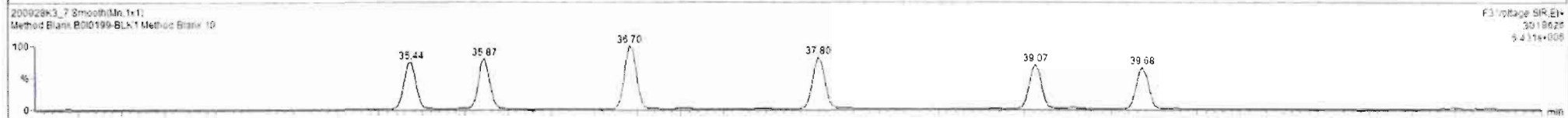
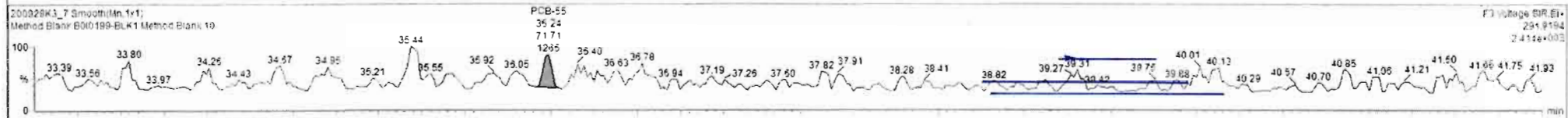
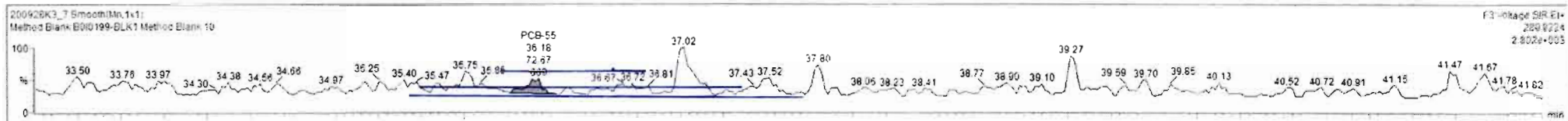
200928K3_7



200928K3_7 - B010199-BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred. RT	RT	Pred. R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1865	3.000	0.00		0.000		NO			2.32	
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO			31.8	
226	226 2nd Function Tri-PCBs				1.0807	3.000	0.00		0.000		NO			7.33	
227	227 3rd Function Tri-PCBs				0.9828	3.000	0.00		0.000		NO			11.8	
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO	0.0000		13.8	0.4130
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO			17.5	
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO			2.76	
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO			6.66	

#	Name	Pred. RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Prec)	RA	n/y	EMPC	Conc.
1	56 PCB-55	36.22	36.18	7.267e1	7.171e1	0.770	1.01	YES	0.41300	0.00000

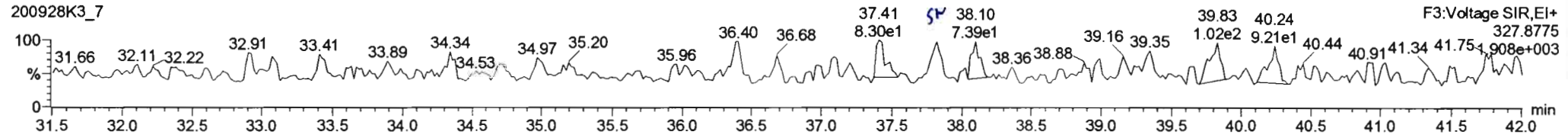
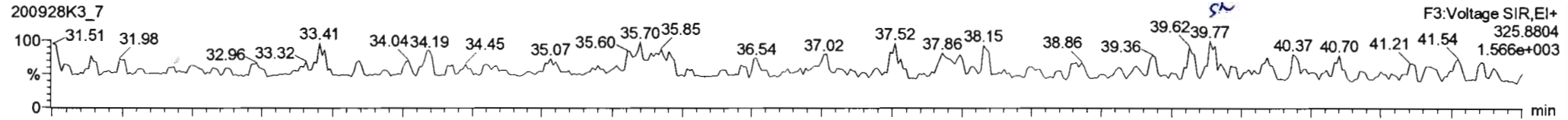


Dataset: Untitled

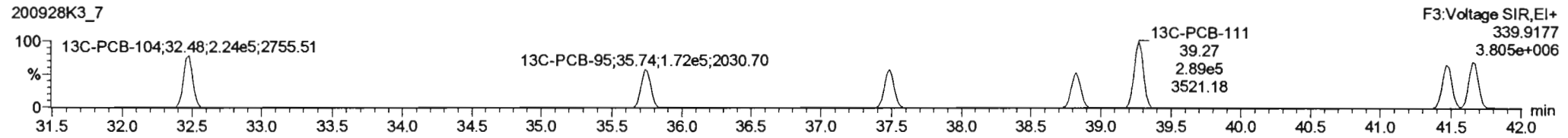
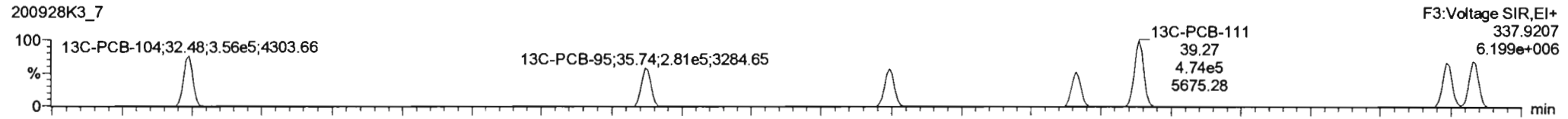
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

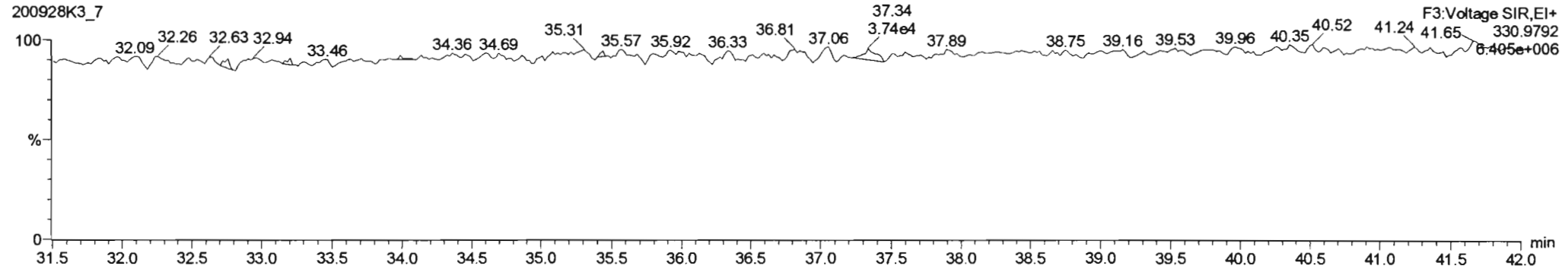
PCB-104



13C-PCB-104



PFK3b



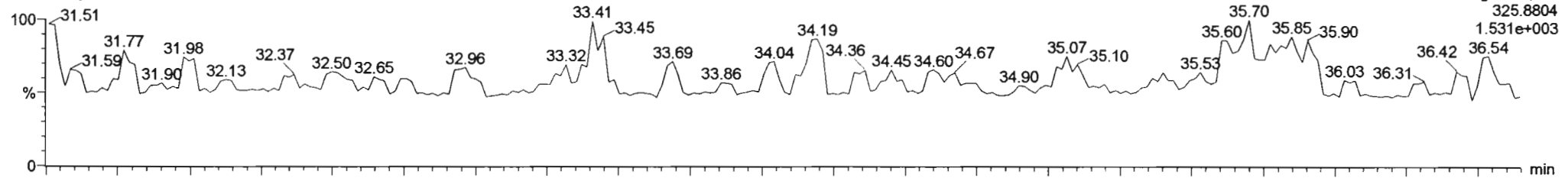
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

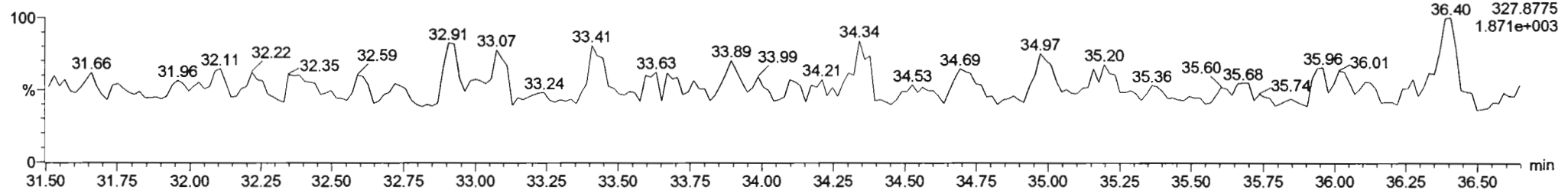
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-96

200928K3_7

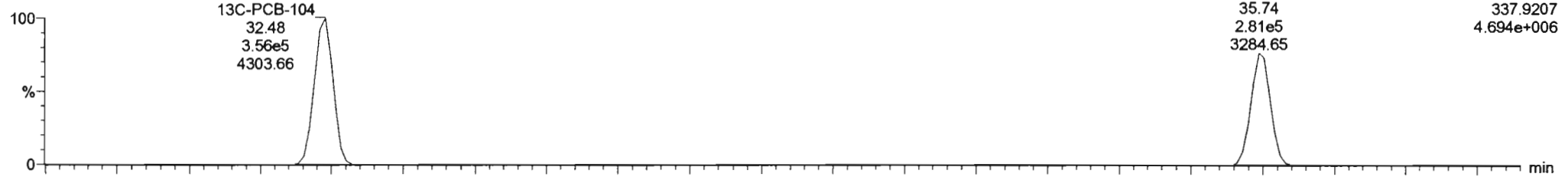


200928K3_7

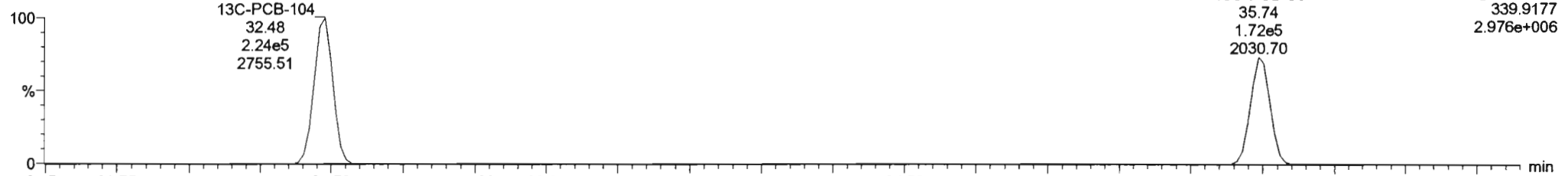


13C-PCB-95

200928K3_7



200928K3_7



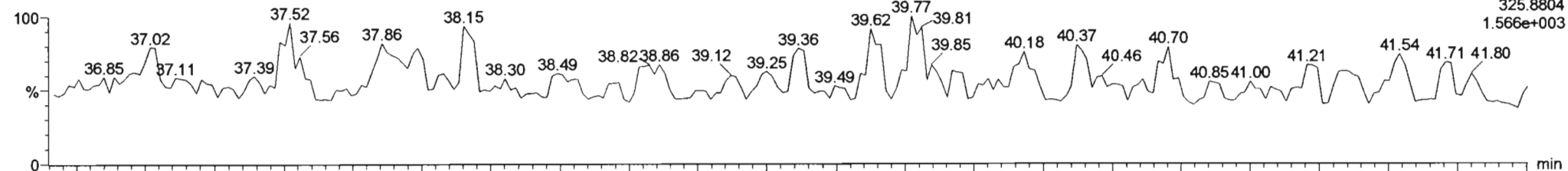
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

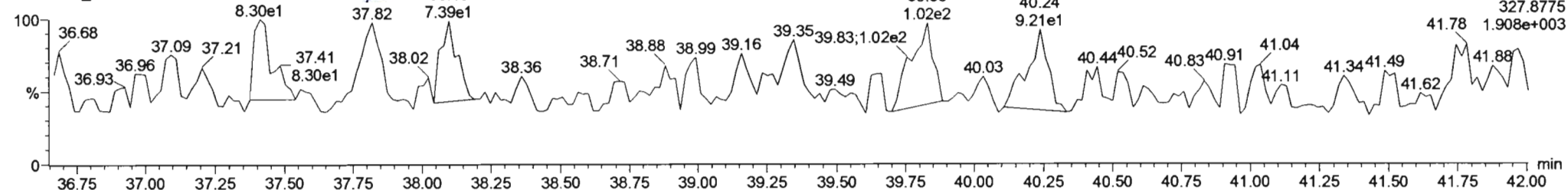
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-119

200928K3_7

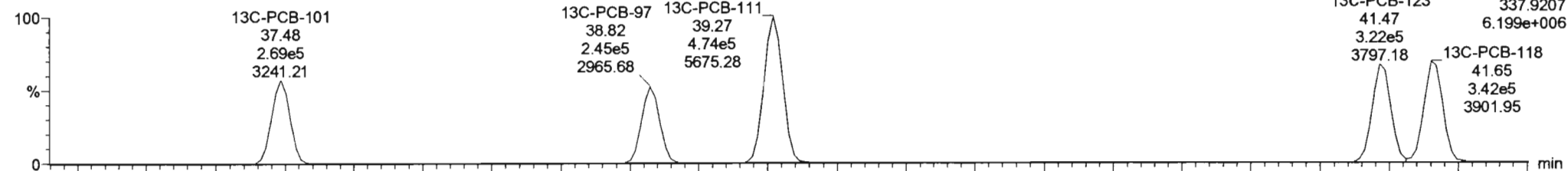


200928K3_7

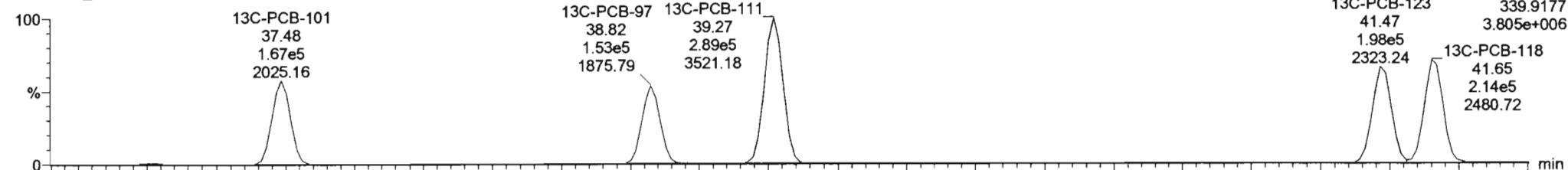


13C-PCB-111

200928K3_7



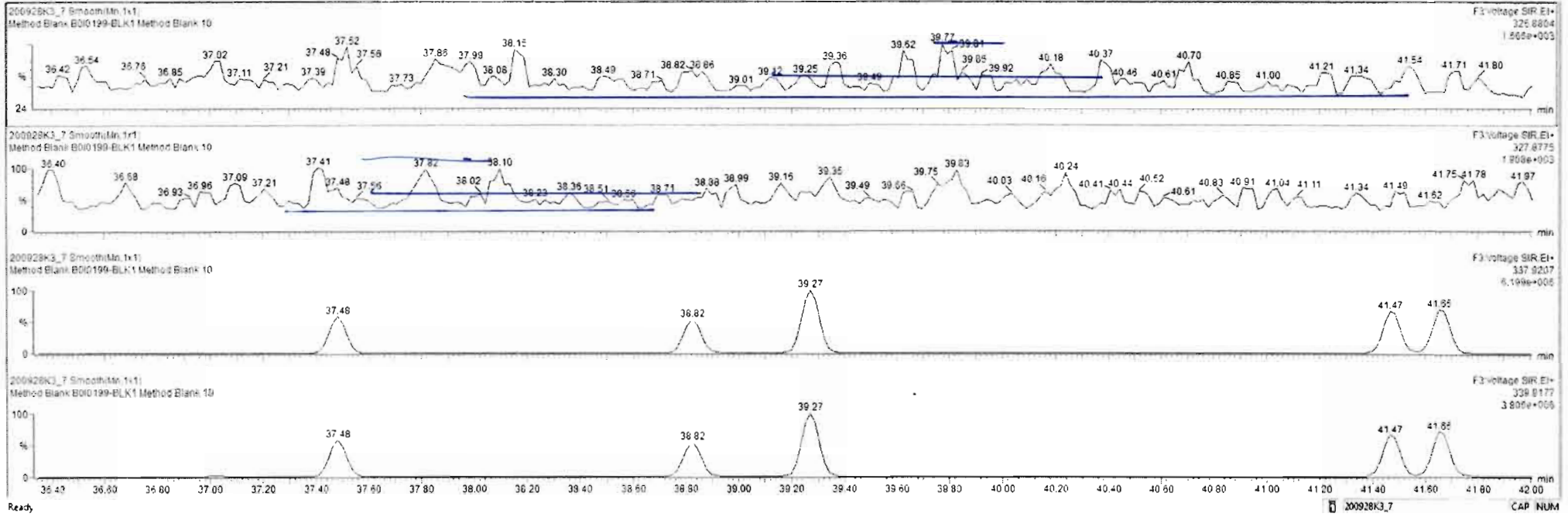
200928K3_7



200928K3_7 - B010199-BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1565	3.000	0.00		0.000		NO			2.12	
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO			31.5	
226	226 2nd Function Tri-PCBs				1.0607	3.000	0.00		0.000		NO			7.33	
227	227 3rd Function Tri-PCBs				0.9628	3.000	0.00		0.000		NO			11.8	
228	228 Total Tetra-PCBs				1.0776	3.000	0.00		0.000		NO			13.6	
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO			17.5	
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO			2.76	
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO			6.66	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Prec)	RA	n/y	EMPC	Conc.
1										

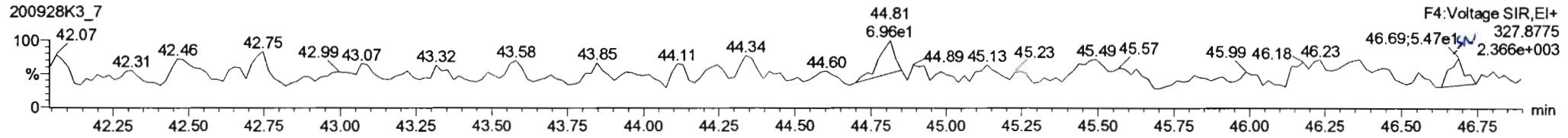
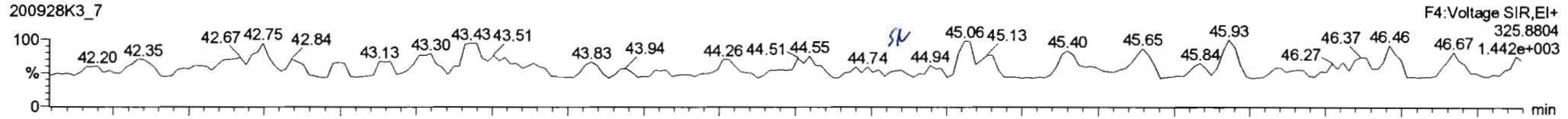


Dataset: Untitled

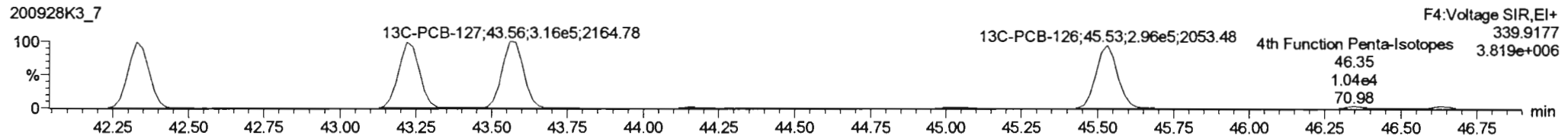
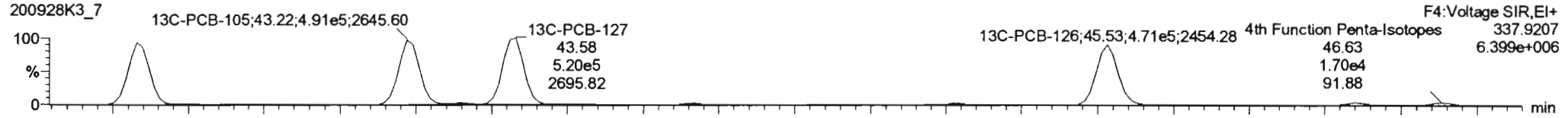
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

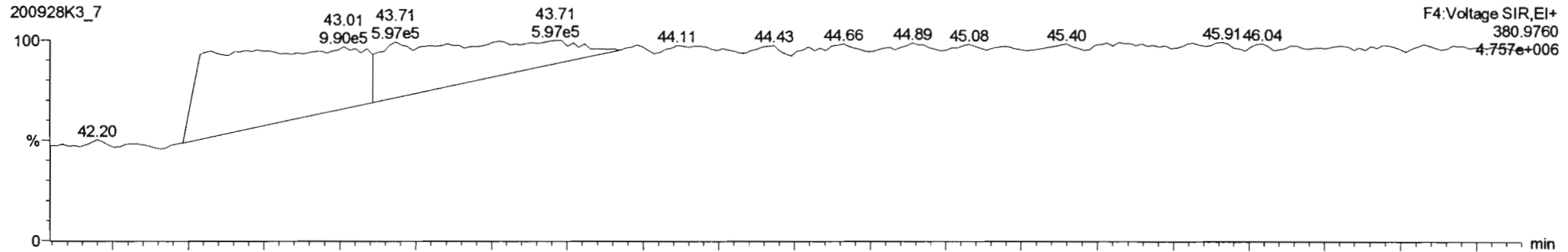
PCB-114



13C-PCB-114



PFK4a



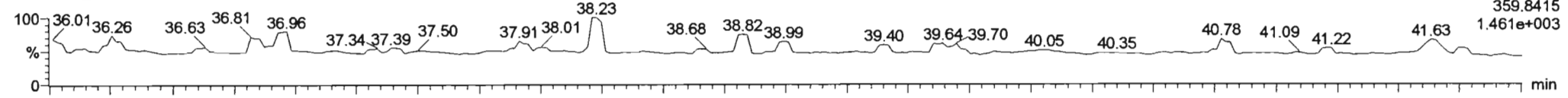
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

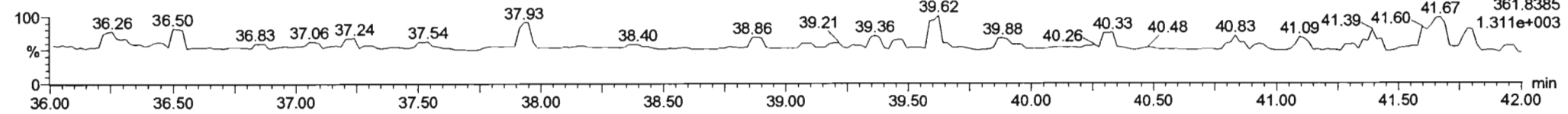
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-155

200928K3_7

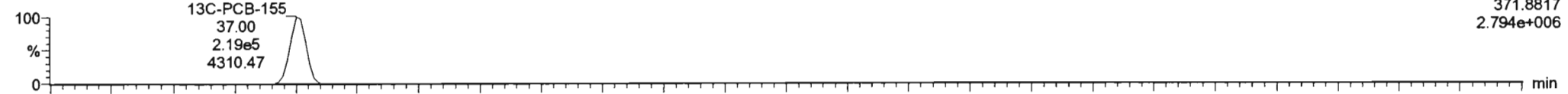


200928K3_7

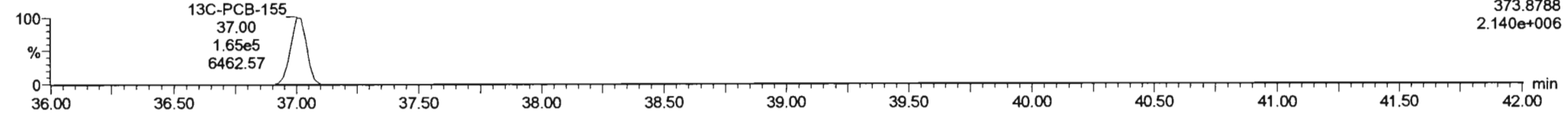


13C-PCB-155

200928K3_7

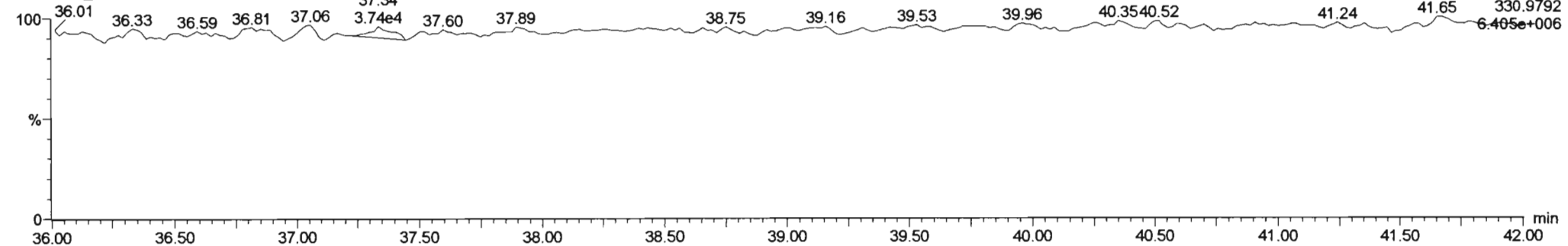


200928K3_7



PFK3c

200928K3_7

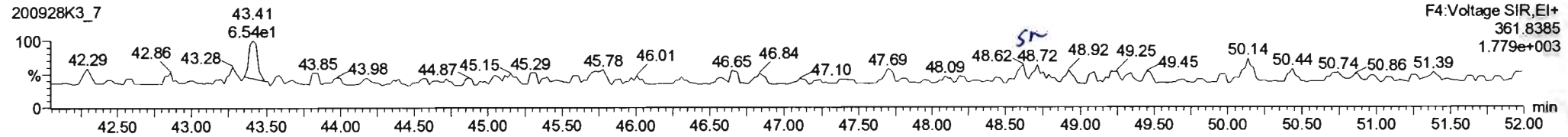
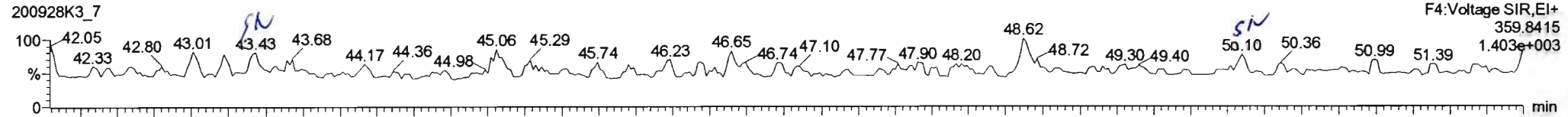


Dataset: Untitled

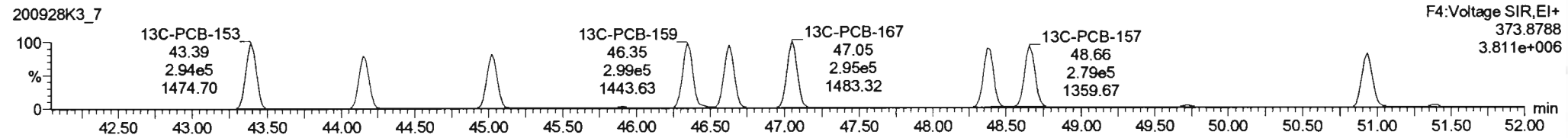
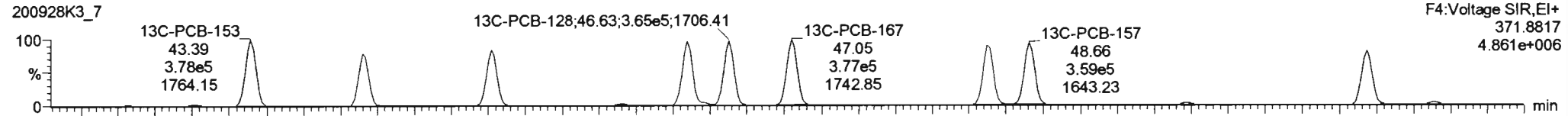
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

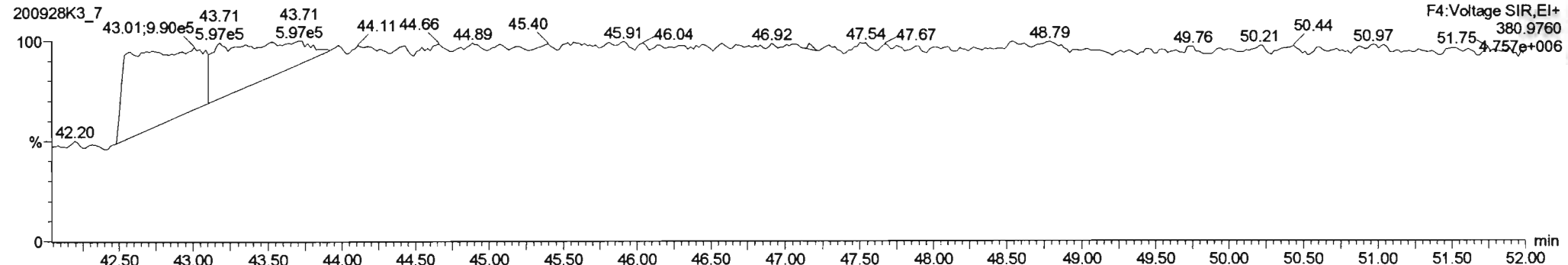
PCB-134/143



13C-PCB-153



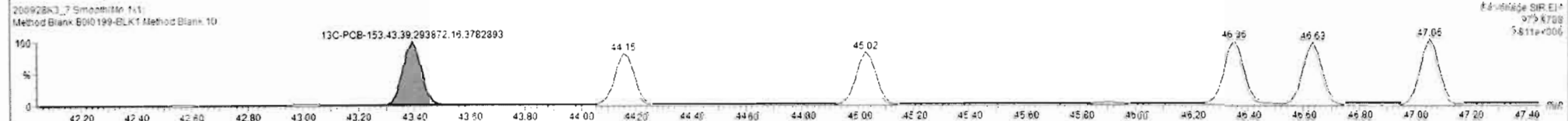
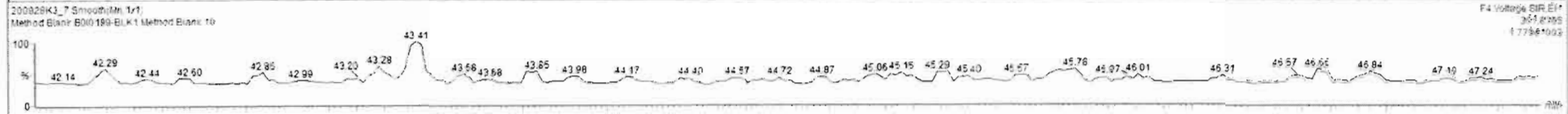
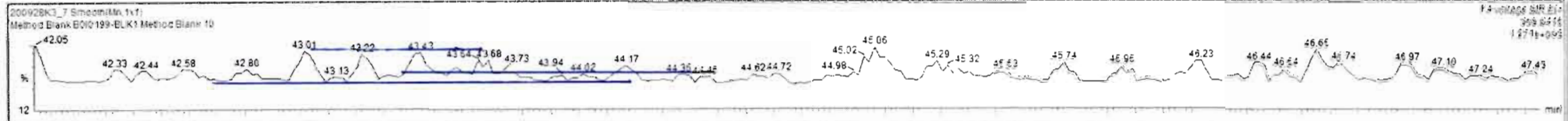
PFK4b



200928K3_7 - B010199 BLK1 Method Blank 10 - Method Blank

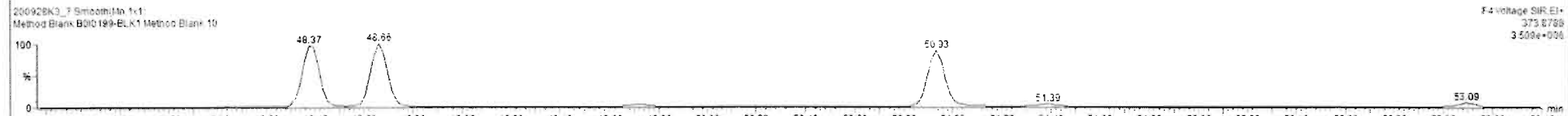
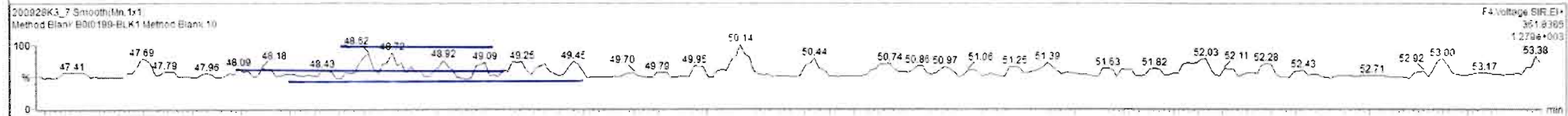
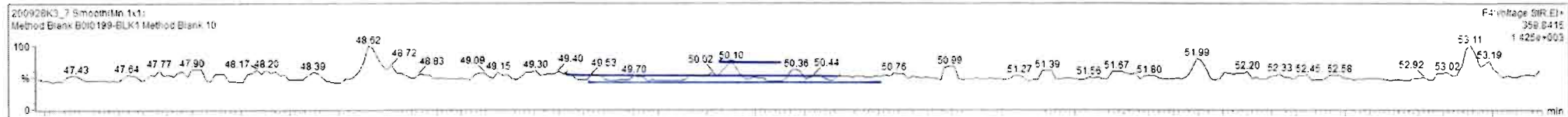
#	Name	Resp	RA	n/y	RRF	w/wct	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	3.000	0.00		0.000		NO			2.32	
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO			31.8	
226	226 2nd Function Tri-PCBs				1.0007	3.000	0.00		0.000		NO			7.33	
227	227 3rd Function Tri-PCBs				0.9628	3.000	0.00		0.000		NO			11.6	
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO			15.6	
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO			17.1	
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO			2.70	
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO			5.86	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	n/y	EMPC	Conc.
1										



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred. RT	RT	Preq. R.	RRT	RRT Var	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1865	3.000	0.00		0.000		NO			2.12	
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO			31.6	
226	226 2nd Function Tri-PCBs				1.0607	3.000	0.00		0.000		NO			7.33	
227	227 3rd Function Tri-PCBs				0.9626	3.000	0.00		0.000		NO			11.8	
228	228 Total Tetra-PCBs				1.0776	3.000	0.00		0.000		NO			13.9	
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO			17.5	
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO			2.76	
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO			6.88	

#	Name	Pred. RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc.
1										



Ready

200928K3_7

CAP NUM

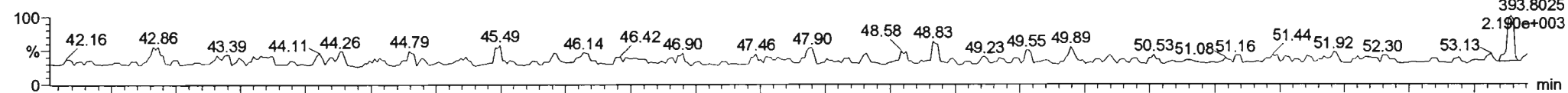
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

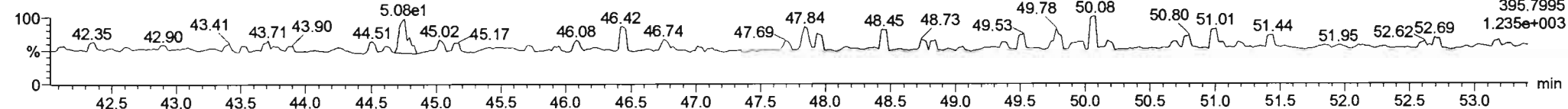
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-188

200928K3_7

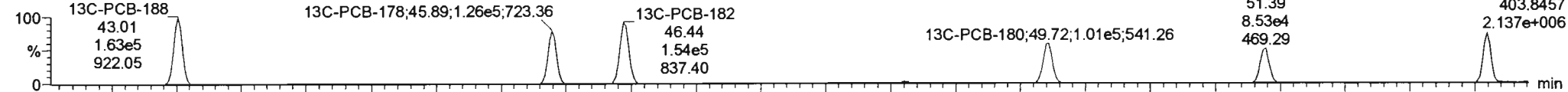


200928K3_7

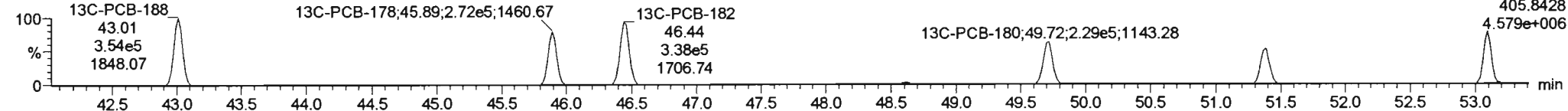


13C-PCB-188

200928K3_7

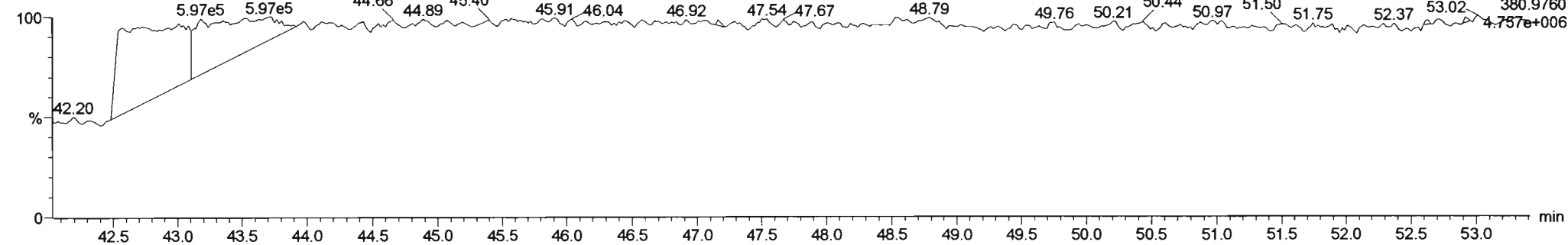


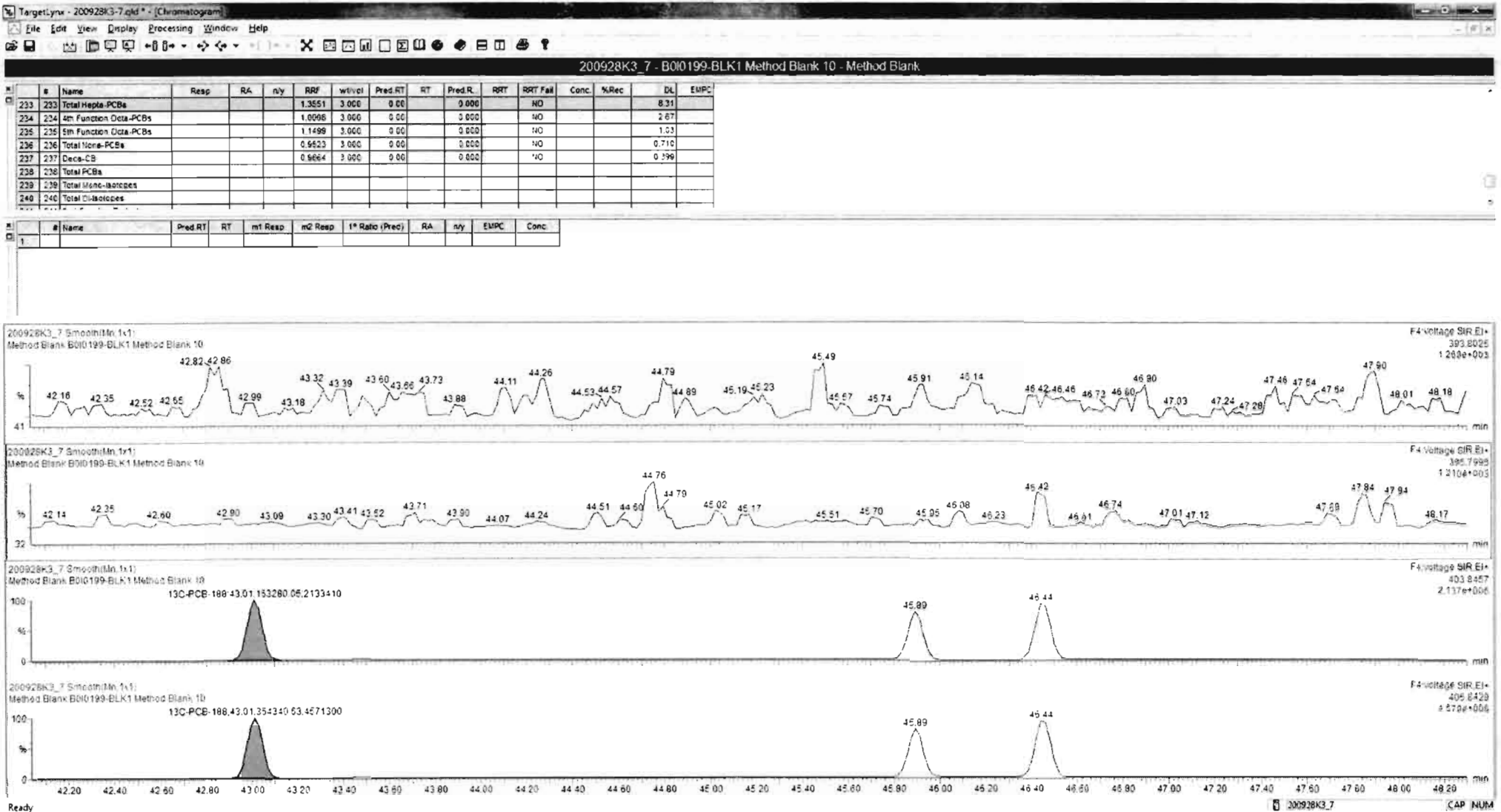
200928K3_7



PFK4c

200928K3_7

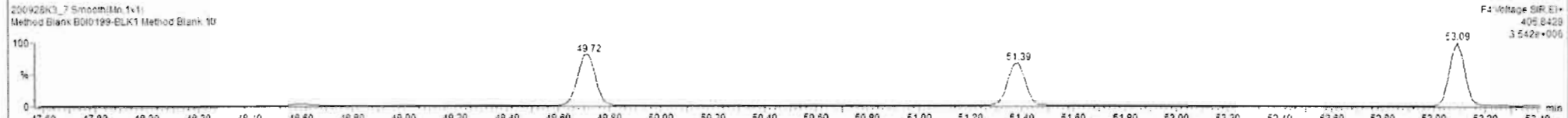
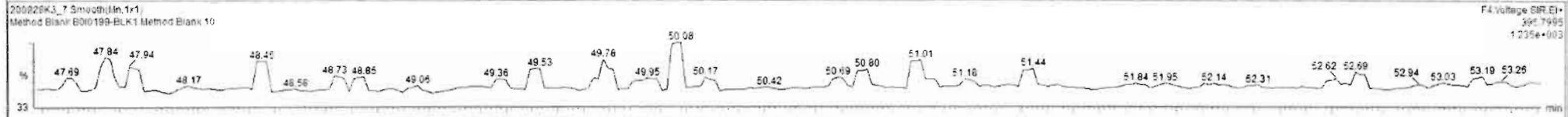
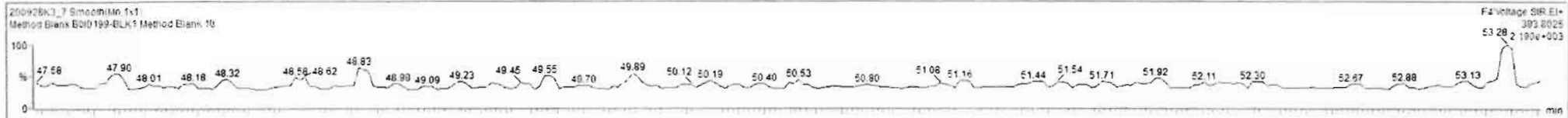




200928K3_7 - B010199.BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	n/y	RRF	w/wet	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	3.000	0.00		0.000		NO			8.31	
234	234 4th Function Octa-PCBs				1.6006	3.000	0.00		0.000		NO			2.67	
235	235 5th Function Octa-PCBs				1.1466	3.000	0.00		0.000		NO			1.03	
236	236 Total Nona-PCBs				0.9523	3.000	0.00		0.000		NO			0.710	
237	237 Deca-CB				0.6664	3.000	0.00		0.000		NO			0.396	
238	238 Total PCBs														
239	239 Total Mono-Isotopes														
240	240 Total Di-Isotopes														

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1										



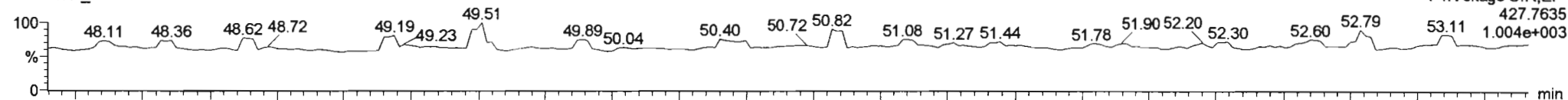
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

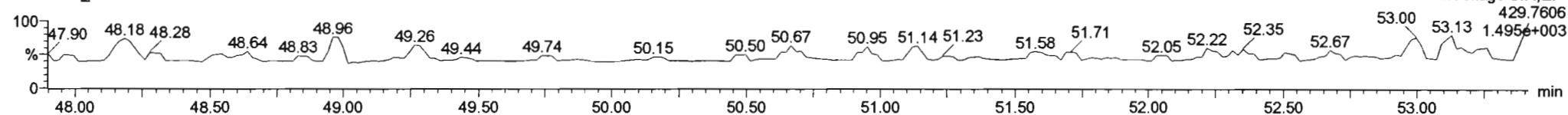
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-202

200928K3_7

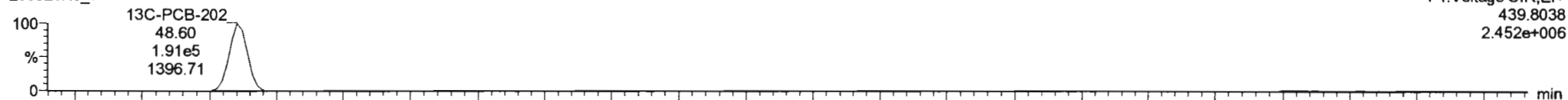


200928K3_7

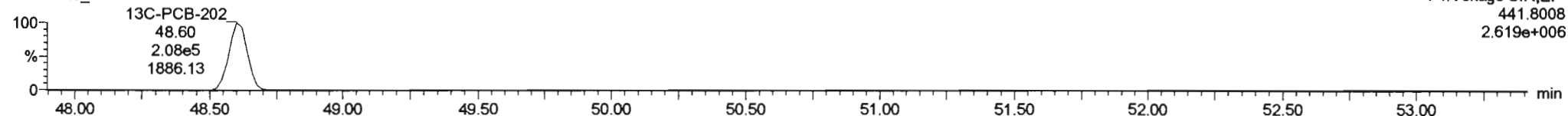


13C-PCB-202

200928K3_7

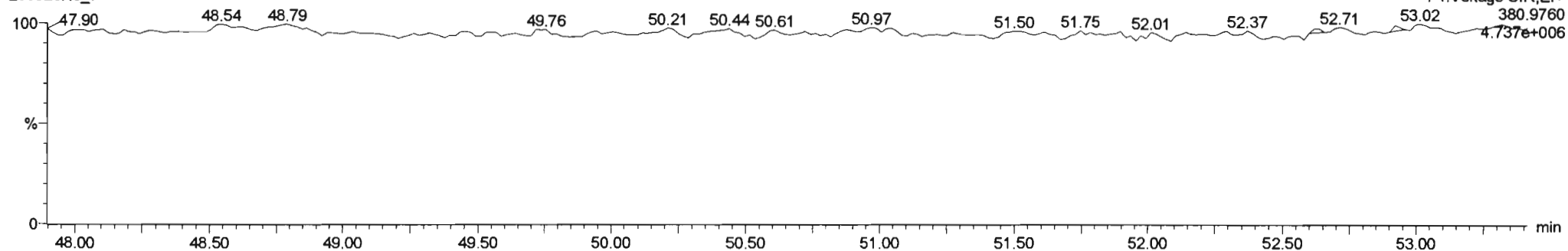


200928K3_7



PFK4d

200928K3_7



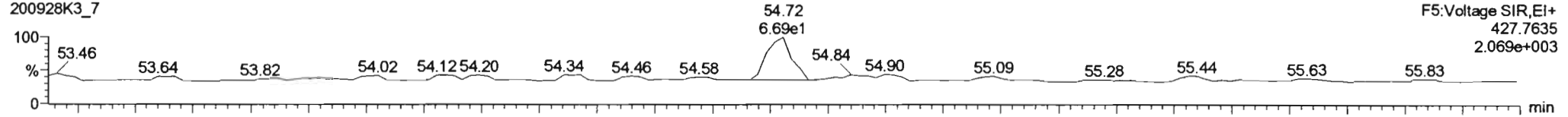
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

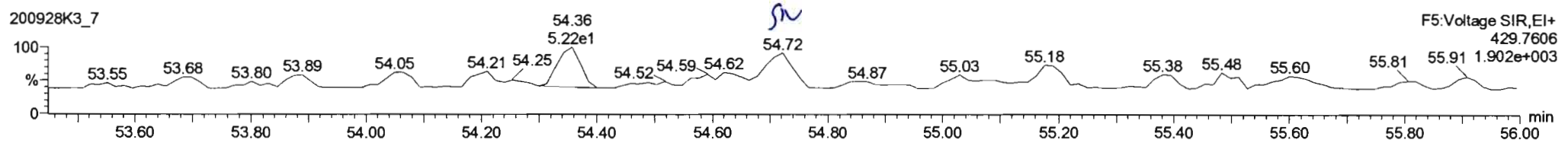
Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

PCB-195

200928K3_7

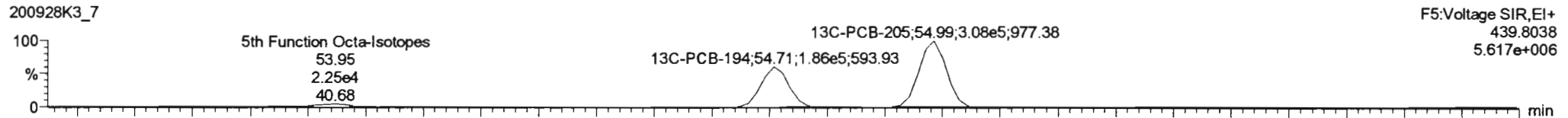


200928K3_7

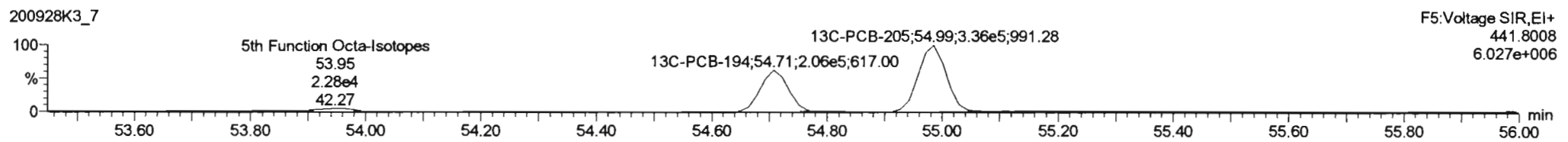


13C-PCB-194

200928K3_7

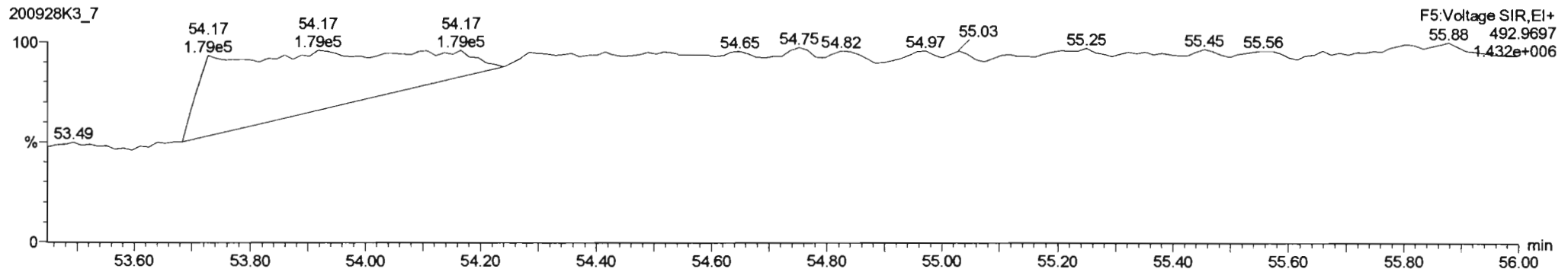


200928K3_7



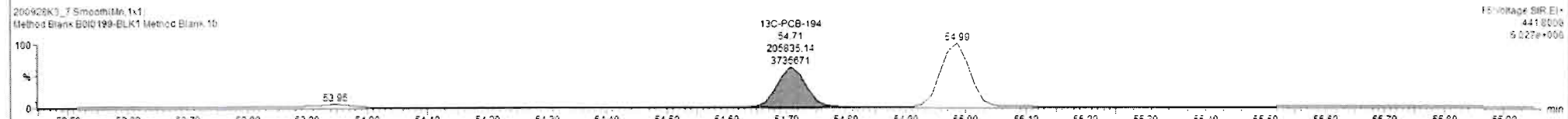
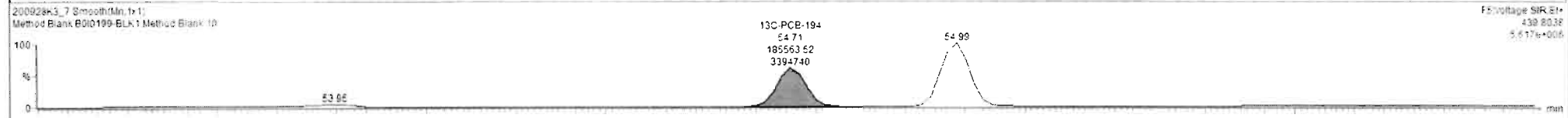
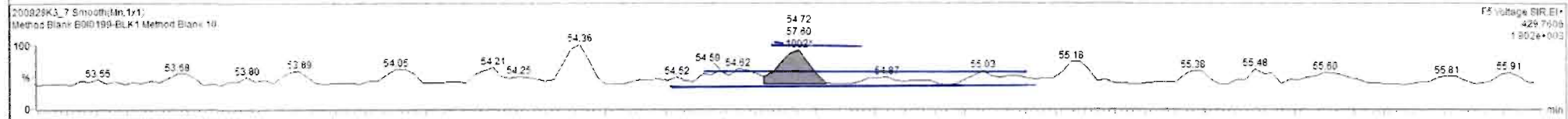
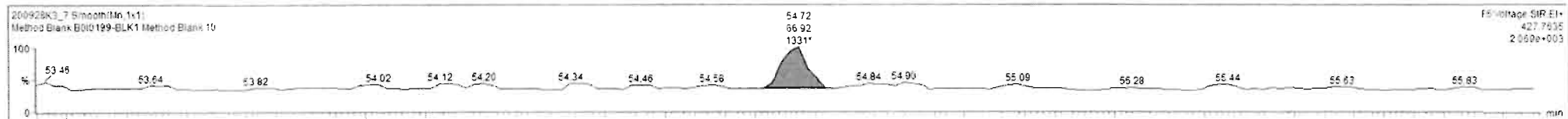
PFK5a

200928K3_7



#	Name	Resp	RA	n/y	RRF	w/wct	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total hepta-PCBs				1.3551	3.000	0.00		0.000		NO			8.31	
234	234 4th Function Octa-PCBs				1.6008	3.000	0.00		0.000		NO			2.87	
235	235 5th Function Octa-PCBs				1.1498	3.000	0.00		0.000		NO			1.83	
236	236 Total Nonc-PCBs				0.9523	3.000	0.00		0.000		NO			0.710	
237	237 Deca-CB				0.9864	3.000	0.00		0.000		NO			0.399	
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1										

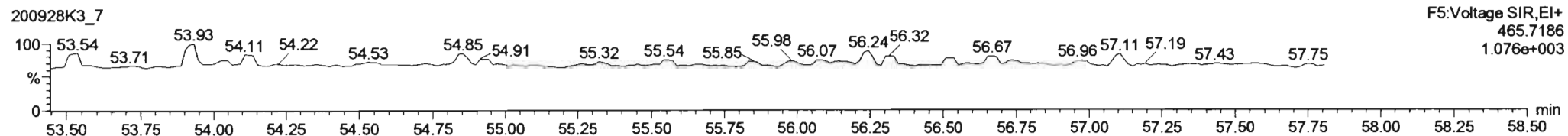
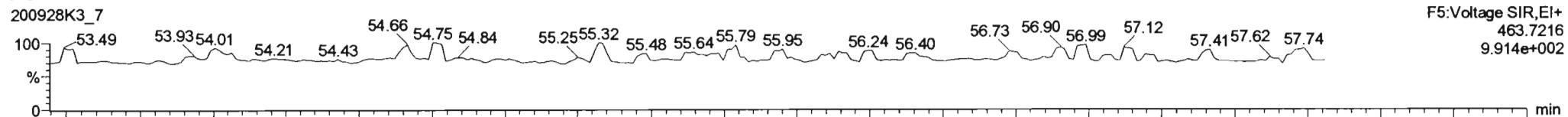


Dataset: Untitled

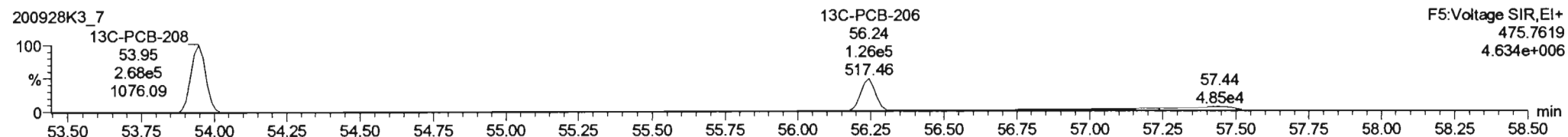
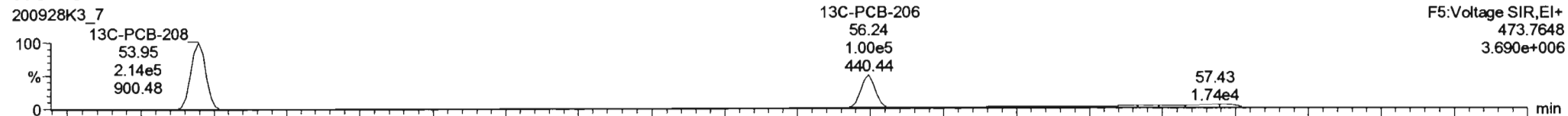
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Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_7, Date: 28-Sep-2020, Time: 22:45:30, ID: B0I0199-BLK1 Method Blank 10, Description: Method Blank

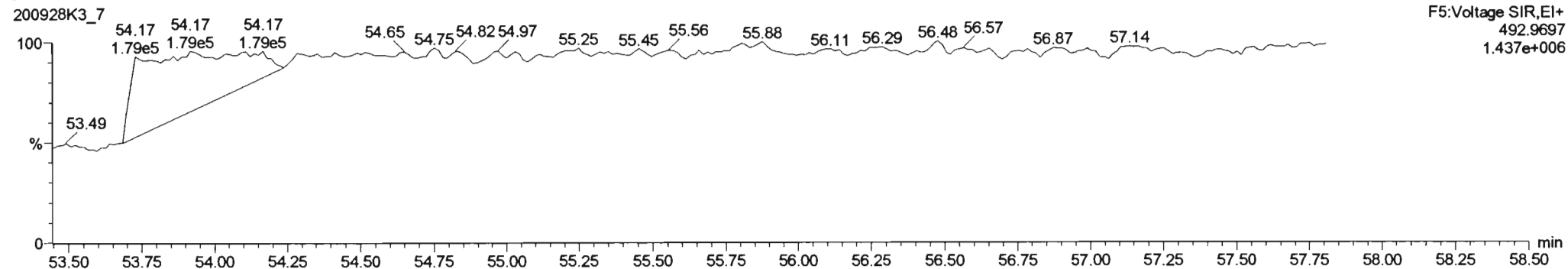
PCB-208



13C-PCB-208



PFK5



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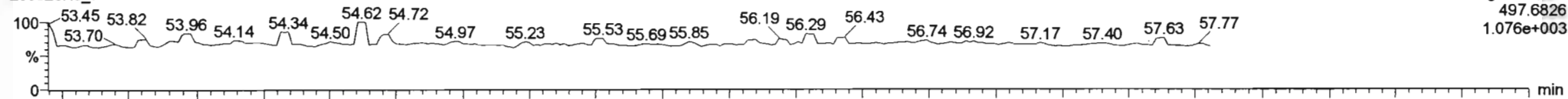
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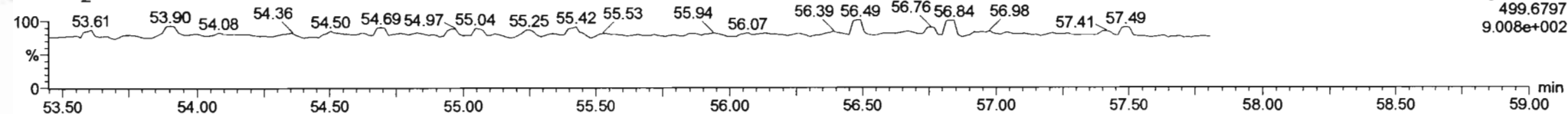
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PCB-209

200928K3_7

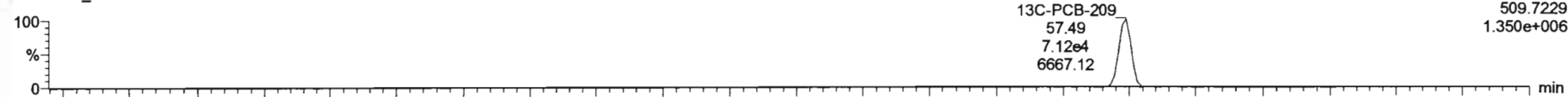


200928K3_7

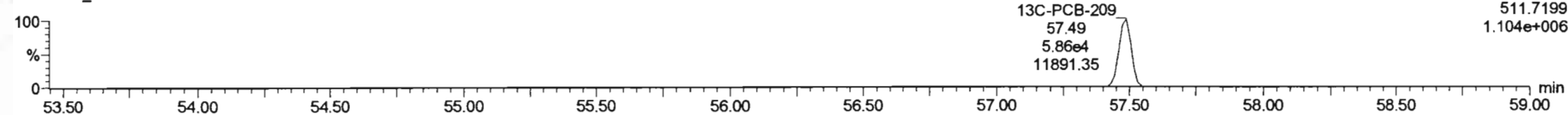


13C-PCB-209

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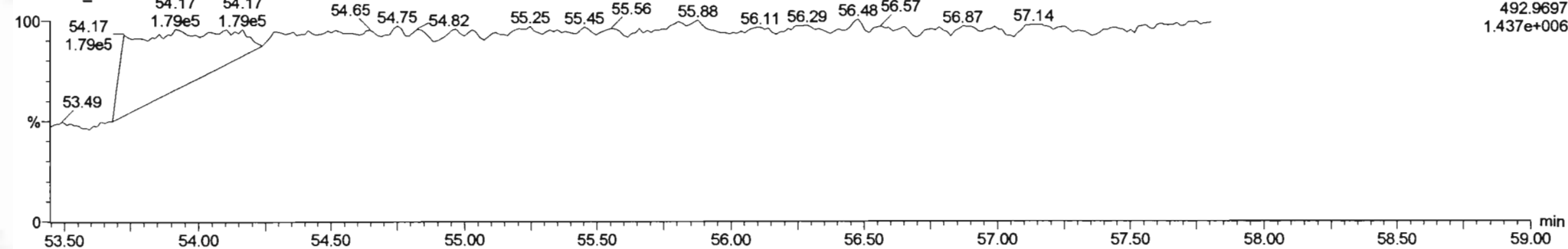


200928K3_7



PFK5b

200928K3_7



Dataset: U:\VG11.PRO\Results\200928K3\200928K3-3.qld

Last Altered: Tuesday, September 29, 2020 13:59:46 Pacific Daylight Time
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HN 09/29/2020

C7 10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	7.23e5	3.12	NO	1.17	3.000	15.57	15.58	1.001	1.001	NO	1868		0.648	1868
2	2 PCB-2	7.37e5	3.20	NO	1.18	3.000	17.99	17.97	0.988	0.988	NO	1836		0.667	1836
3	3 PCB-3	7.28e5	3.18	NO	1.15	3.000	18.21	18.21	1.001	1.001	NO	1866		0.687	1866
4	4 PCB-4/10	1.28e6	1.61	NO	1.25	3.000	19.64	19.64	1.004	1.004	NO	3754		6.54	3754
5	5 PCB-7/9	1.56e6	1.59	NO	0.960	3.000	21.44	21.43	1.003	1.002	NO	3694		5.46	3694
6	6 PCB-6	8.44e5	1.57	NO	1.02	3.000	22.09	22.09	1.033	1.033	NO	1869		5.12	1869
7	7 PCB-5/8	1.64e6	1.58	NO	0.992	3.000	22.50	22.50	1.052	1.052	NO	3754		5.28	3754
8	8 PCB-14	8.61e5	1.58	NO	1.02	3.000	23.62	23.63	0.951	0.952	NO	1871		5.32	1871
9	9 PCB-11	9.09e5	1.59	NO	1.13	3.000	24.85	24.85	1.001	1.001	NO	1783		4.80	1783
10	10 PCB-12/13	1.72e6	1.57	NO	1.03	3.000	25.28	25.23	1.018	1.016	NO	3704		5.27	3704
11	11 PCB-15	8.67e5	1.55	NO	1.03	3.000	25.56	25.58	1.030	1.030	NO	1851		5.23	1851
12	12 PCB-19	3.87e5	1.06	NO	1.11	3.000	23.83	23.82	1.001	1.001	NO	1750		1.13	1750
13	13 PCB-30	6.19e5	1.05	NO	1.79	3.000	24.73	24.72	1.039	1.039	NO	1726		0.698	1726
14	14 PCB-18	4.12e5	1.05	NO	0.818	3.000	25.50	25.50	0.952	0.952	NO	1758		1.13	1758
15	15 PCB-17	3.90e5	1.05	NO	0.758	3.000	25.69	25.67	0.959	0.958	NO	1793		1.21	1793
16	16 PCB-24/27	1.11e6	1.08	NO	1.08	3.000	26.28	26.27	0.981	0.981	NO	3574		0.850	3574
17	17 PCB-16/32	9.39e5	1.06	NO	0.925	3.000	26.81	26.81	1.001	1.001	NO	3537		0.994	3537
18	18 PCB-34	6.12e5	1.05	NO	0.945	3.000	27.62	27.62	0.959	0.959	NO	1730		1.35	1730
19	19 PCB-23	6.15e5	1.09	NO	0.883	3.000	27.71	27.72	0.962	0.963	NO	1861		1.45	1861
20	20 PCB-29	5.62e5	1.10	NO	0.893	3.000	27.97	27.96	0.971	0.971	NO	1682		1.43	1682
21	21 PCB-26	6.01e5	1.06	NO	0.944	3.000	28.17	28.18	0.979	0.979	NO	1701		1.35	1701
22	22 PCB-25	5.93e5	1.10	NO	0.950	3.000	28.34	28.35	0.984	0.984	NO	1666		1.34	1666
23	23 PCB-31	6.85e5	1.16	NO	1.04	3.000	28.71	28.72	0.997	0.997	NO	1766		1.23	1766
24	24 PCB-28	6.53e5	0.93	NO	1.03	3.000	28.81	28.81	1.001	1.001	NO	1701		1.25	1701
25	25 PCB-20/21/33	1.86e6	1.10	NO	0.941	3.000	29.45	29.44	1.023	1.023	NO	5266		1.36	5266
26	26 PCB-22	6.50e5	1.10	NO	0.973	3.000	29.91	29.91	1.039	1.039	NO	1784		1.31	1784
27	27 PCB-36	6.55e5	1.09	NO	1.08	3.000	30.55	30.54	0.931	0.931	NO	1673		1.36	1673
28	28 PCB-39	5.98e5	1.07	NO	0.988	3.000	31.02	31.03	0.946	0.946	NO	1661		1.48	1661
29	29 PCB-38	6.38e5	1.06	NO	1.05	3.000	31.83	31.83	0.970	0.970	NO	1665		1.39	1665
30	30 PCB-35	6.53e5	1.07	NO	1.04	3.000	32.37	32.37	0.987	0.987	NO	1718		1.40	1718
31	31 PCB-37	5.94e5	1.04	NO	1.01	3.000	32.81	32.81	1.001	1.001	NO	1617		1.45	1617

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-3.qld

Last Altered: Tuesday, September 29, 2020 13:59:46 Pacific Daylight Time
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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
32	32 PCB-54	5.20e5	0.79	NO	1.08	3.000	27.66	27.66	1.001	1.001	NO	1695		1.38	1695
33	33 PCB-50	4.10e5	0.75	NO	0.880	3.000	28.86	28.87	1.044	1.044	NO	1639		1.70	1639
34	34 PCB-53	3.78e5	0.78	NO	0.997	3.000	29.54	29.54	0.944	0.944	NO	1679		1.91	1679
35	35 PCB-51	4.07e5	0.77	NO	1.07	3.000	29.90	29.89	0.956	0.955	NO	1691		1.78	1691
36	36 PCB-45	3.25e5	0.79	NO	0.858	3.000	30.34	30.34	0.970	0.970	NO	1673		2.21	1673
37	37 PCB-46	3.18e5	0.80	NO	0.831	3.000	30.85	30.84	0.986	0.986	NO	1693		2.29	1693
38	38 PCB-52/69	9.04e5	0.79	NO	1.17	3.000	31.33	31.33	1.001	1.001	NO	3426		1.63	3426
39	39 PCB-73	5.39e5	0.82	NO	1.44	3.000	31.46	31.45	1.005	1.005	NO	1653		1.32	1653
40	40 PCB-43/49	7.69e5	0.79	NO	1.02	3.000	31.61	31.62	1.010	1.011	NO	3346		1.87	3346
41	41 PCB-47	3.89e5	0.77	NO	0.922	3.000	31.83	31.83	1.001	1.001	NO	1798		1.98	1798
42	42 PCB-48/75	8.97e5	0.81	NO	1.12	3.000	31.94	31.94	1.004	1.004	NO	3410		1.63	3410
43	43 PCB-65	5.18e5	0.77	NO	1.28	3.000	32.22	32.22	1.013	1.013	NO	1719		1.42	1719
44	44 PCB-62	4.65e5	0.79	NO	1.13	3.000	32.33	32.33	1.016	1.016	NO	1757		1.62	1757
45	45 PCB-44	3.46e5	0.80	NO	0.824	3.000	32.67	32.65	1.027	1.026	NO	1789		2.21	1789
46	46 PCB-42/59	9.00e5	0.79	NO	1.05	3.000	32.87	32.89	1.033	1.034	NO	3650		1.74	3650
47	47 PCB-41/64/71/72	1.99e6	0.81	NO	1.19	3.000	33.50	33.48	1.053	1.053	NO	7147		1.54	7147
48	48 PCB-68	5.39e5	0.77	NO	1.28	3.000	33.77	33.76	1.062	1.061	NO	1796		1.43	1796
49	49 PCB-40	2.62e5	0.83	NO	0.602	3.000	33.99	33.99	1.069	1.068	NO	1851		3.03	1851
50	50 PCB-57	5.69e5	0.77	NO	1.16	3.000	34.34	34.34	0.969	0.969	NO	1732		1.33	1732
51	51 PCB-67	5.37e5	0.78	NO	1.08	3.000	34.65	34.67	0.978	0.978	NO	1753		1.43	1753
52	52 PCB-58	5.61e5	0.79	NO	1.20	3.000	34.77	34.79	0.981	0.982	NO	1648		1.29	1648
53	53 PCB-63	5.13e5	0.79	NO	1.07	3.000	34.94	34.95	0.986	0.986	NO	1691		1.45	1691
54	54 PCB-74	5.56e5	0.77	NO	1.19	3.000	35.24	35.23	0.994	0.994	NO	1660		1.31	1660
55	55 PCB-61/70	1.00e6	0.79	NO	1.05	3.000	35.45	35.38	1.000	0.998	NO	3362		1.47	3362
56	56 PCB-76/66	1.12e6	0.78	NO	1.16	3.000	35.65	35.62	1.006	1.005	NO	3411		1.33	3411
57	57 PCB-80	5.83e5	0.80	NO	1.19	3.000	35.89	35.88	1.001	1.001	NO	1683		1.29	1683
58	58 PCB-55	5.83e5	0.78	NO	1.17	3.000	36.22	36.22	1.010	1.010	NO	1709		1.31	1709
59	59 PCB-56/60	9.81e5	0.79	NO	1.02	3.000	36.72	36.74	1.024	1.024	NO	3302		1.51	3302
60	60 PCB-79	5.62e5	0.79	NO	1.14	3.000	37.82	37.84	1.054	1.055	NO	1692		1.35	1692
61	61 PCB-78	5.33e5	0.77	NO	1.14	3.000	38.56	38.54	0.987	0.986	NO	1750		1.54	1750
62	62 PCB-81	4.87e5	0.80	NO	1.05	3.000	39.10	39.10	1.000	1.000	NO	1737		1.67	1737
63	63 PCB-77	5.12e5	0.78	NO	1.14	3.000	39.72	39.72	1.000	1.000	NO	1739		1.60	1739
64	64 PCB-104	3.83e5	1.61	NO	1.12	3.000	32.50	32.52	1.001	1.001	NO	1732		0.749	1732
65	65 PCB-96	3.91e5	1.61	NO	1.15	3.000	33.82	33.80	1.041	1.041	NO	1719		0.728	1719

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-3.qld

Last Altered: Tuesday, September 29, 2020 13:59:46 Pacific Daylight Time

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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103	3.00e5	1.65	NO	0.936	3.000	34.38	34.36	1.059	1.058	NO	1625		0.897	1625
67	67 PCB-100	3.04e5	1.60	NO	0.954	3.000	34.74	34.73	1.070	1.069	NO	1619		0.881	1619
68	68 PCB-94	2.41e5	1.64	NO	0.949	3.000	35.23	35.21	0.985	0.985	NO	1637		1.14	1637
69	69 PCB-95/98/102	9.64e5	1.60	NO	1.20	3.000	35.70	35.70	0.999	0.998	NO	5150		0.897	5150
70	70 PCB-93	2.06e5	1.64	NO	0.935	3.000	35.84	35.85	1.003	1.003	NO	1415		1.16	1415
71	71 PCB-88/91	5.16e5	1.60	NO	1.06	3.000	36.18	36.18	1.012	1.012	NO	3120		1.01	3120
72	72 PCB-121	4.40e5	1.61	NO	1.71	3.000	36.28	36.28	1.015	1.015	NO	1657		0.632	1657
73	73 PCB-84/92	4.91e5	1.54	NO	1.02	3.000	37.13	37.13	0.990	0.990	NO	3222		1.12	3222
74	74 PCB-89	2.61e5	1.44	NO	1.11	3.000	37.31	37.32	0.995	0.995	NO	1575		1.03	1575
75	75 PCB-90/101	5.33e5	1.53	NO	1.12	3.000	37.51	37.50	1.000	1.000	NO	3171		1.01	3171
76	76 PCB-113	3.53e5	1.60	NO	1.51	3.000	37.77	37.76	1.007	1.007	NO	1559		0.752	1559
77	77 PCB-99	3.35e5	1.60	NO	1.32	3.000	37.85	37.86	1.009	1.009	NO	1693		0.862	1693
78	78 PCB-119	3.81e5	1.62	NO	1.81	3.000	38.34	38.32	0.987	0.987	NO	1571		0.710	1571
79	79 PCB-108/112	6.32e5	1.58	NO	1.44	3.000	38.50	38.49	0.991	0.991	NO	3259		0.887	3259
80	80 PCB-83	3.91e5	1.64	NO	1.83	3.000	38.65	38.66	0.995	0.995	NO	1590		0.700	1590
81	81 PCB-97	2.76e5	1.62	NO	1.28	3.000	38.86	38.86	1.000	1.000	NO	1606		1.00	1606
82	82 PCB-86	2.32e5	1.57	NO	1.12	3.000	39.00	39.01	1.004	1.004	NO	1547		1.15	1547
83	83 PCB-87/117/125	1.06e6	1.59	NO	1.56	3.000	39.15	39.14	1.008	1.008	NO	5047		0.822	5047
84	84 PCB-111/115	7.99e5	1.61	NO	1.91	3.000	39.31	39.31	1.012	1.012	NO	3114		0.671	3114
85	85 PCB-85/116	6.23e5	1.61	NO	1.41	3.000	39.44	39.42	1.015	1.015	NO	3287		0.908	3287
86	86 PCB-120	4.32e5	1.58	NO	2.01	3.000	39.69	39.68	1.022	1.022	NO	1603		0.639	1603
87	87 PCB-110	3.87e5	1.60	NO	1.74	3.000	39.85	39.83	1.026	1.025	NO	1655		0.735	1655
88	88 PCB-82	2.23e5	1.59	NO	0.781	3.000	40.49	40.48	0.976	0.976	NO	1634		1.24	1634
89	89 PCB-124	4.02e5	1.59	NO	1.40	3.000	41.19	41.19	0.993	0.993	NO	1651		0.692	1651
90	90 PCB-107/109	8.03e5	1.62	NO	1.34	3.000	41.34	41.34	0.996	0.996	NO	3427		0.720	3427
91	91 PCB-123	3.55e5	1.61	NO	1.20	3.000	41.51	41.50	1.000	1.000	NO	1699		0.807	1699
92	92 PCB-106/118	7.56e5	1.62	NO	1.22	3.000	41.71	41.71	1.001	1.001	NO	3330		0.748	3330
93	93 PCB-114	5.30e5	1.56	NO	1.14	3.000	42.37	42.37	1.000	1.000	NO	1812		2.08	1812
94	94 PCB-122	4.42e5	1.59	NO	0.944	3.000	42.52	42.50	1.004	1.004	NO	1828		2.52	1828
95	95 PCB-105	4.96e5	1.58	NO	1.05	3.000	43.26	43.26	1.000	1.000	NO	1838		2.29	1838
96	96 PCB-127	5.14e5	1.67	NO	1.06	3.000	43.60	43.60	1.000	1.000	NO	1838		2.21	1838
97	97 PCB-126	5.73e5	1.59	NO	1.17	3.000	45.55	45.57	1.000	1.001	NO	1850		2.12	1850
98	98 PCB-155	2.22e5	1.33	NO	1.04	3.000	37.04	37.04	1.000	1.001	NO	1570		0.577	1570
99	99 PCB-150	2.36e5	1.30	NO	1.08	3.000	38.36	38.34	1.036	1.036	NO	1606		0.555	1606

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-3.qld

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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	1... PCB-152	2.64e5	1.27	NO	1.19	3.000	38.85	38.84	1.049	1.049	NO	1643		0.507	1643
101	1... PCB-145	2.60e5	1.29	NO	1.19	3.000	39.30	39.29	1.062	1.061	NO	1615		0.506	1615
102	1... PCB-136	2.40e5	1.29	NO	1.02	3.000	39.65	39.62	1.071	1.070	NO	1736		0.590	1736
103	1... PCB-148	1.63e5	1.32	NO	0.842	3.000	39.76	39.74	1.074	1.073	NO	1431		0.715	1431
104	1... PCB-154	1.89e5	1.32	NO	0.919	3.000	40.26	40.26	1.088	1.087	NO	1519		0.655	1519
105	1... PCB-151	1.69e5	1.31	NO	0.787	3.000	40.93	40.91	1.106	1.105	NO	1586		0.765	1586
106	1... PCB-135	1.90e5	1.30	NO	0.922	3.000	41.15	41.13	1.112	1.111	NO	1521		0.653	1521
107	1... PCB-144	1.76e5	1.28	NO	0.789	3.000	41.25	41.24	1.114	1.114	NO	1645		0.763	1645
108	1... PCB-147	1.76e5	1.28	NO	0.834	3.000	41.40	41.37	1.118	1.118	NO	1560		0.721	1560
109	1... PCB-139/149	4.02e5	1.28	NO	0.948	3.000	41.66	41.65	1.125	1.125	NO	3132		0.635	3132
110	1... PCB-140	1.72e5	1.30	NO	0.794	3.000	41.90	41.84	1.132	1.130	NO	1599		0.758	1599
111	1... PCB-134/143	5.70e5	1.26	NO	0.759	3.000	42.31	42.29	0.975	0.974	NO	3550		6.36	3550
112	1... PCB-131/133	6.12e5	1.25	NO	0.821	3.000	42.61	42.60	0.982	0.981	NO	3522		5.88	3522
113	1... PCB-142	2.74e5	1.25	NO	0.754	3.000	42.76	42.77	0.985	0.985	NO	1718		6.40	1718
114	1... PCB-146/165	7.52e5	1.26	NO	1.02	3.000	42.99	42.99	0.990	0.990	NO	3494		4.75	3494
115	1... PCB-132/161	7.41e5	1.24	NO	1.02	3.000	43.24	43.24	0.996	0.996	NO	3417		4.71	3417
116	1... PCB-153	3.90e5	1.25	NO	1.07	3.000	43.43	43.43	1.000	1.000	NO	1720		4.51	1720
117	1... PCB-168	3.89e5	1.24	NO	1.08	3.000	43.66	43.64	1.006	1.005	NO	1707		4.48	1707
118	1... PCB-141	2.99e5	1.25	NO	1.03	3.000	44.19	44.19	1.000	1.000	NO	1667		5.60	1667
119	1... PCB-137	3.31e5	1.25	NO	1.11	3.000	44.58	44.58	1.009	1.009	NO	1701		5.17	1701
120	1... PCB-130	2.71e5	1.26	NO	0.885	3.000	44.70	44.68	1.012	1.012	NO	1750		6.49	1750
121	1... PCB-138/163/164	1.24e6	1.26	NO	1.28	3.000	45.08	45.08	1.001	1.001	NO	5165		4.30	5165
122	1... PCB-158/160	7.83e5	1.25	NO	1.24	3.000	45.32	45.32	1.006	1.006	NO	3382		4.45	3382
123	1... PCB-129	2.83e5	1.29	NO	0.867	3.000	45.57	45.57	1.012	1.012	NO	1751		6.36	1751
124	1... PCB-166	4.43e5	1.24	NO	1.14	3.000	46.05	46.04	0.993	0.993	NO	1669		3.93	1669
125	1... PCB-159	4.65e5	1.26	NO	1.22	3.000	46.38	46.38	1.000	1.000	NO	1644		3.69	1644
126	1... PCB-128/162	7.21e5	1.25	NO	0.907	3.000	46.70	46.67	1.007	1.007	NO	3418		4.95	3418
127	1... PCB-167	4.36e5	1.26	NO	1.11	3.000	47.09	47.09	1.000	1.000	NO	1717		4.12	1717
128	1... PCB-156	4.20e5	1.23	NO	1.13	3.000	48.41	48.41	1.000	1.000	NO	1755		4.32	1755
129	1... PCB-157	3.79e5	1.25	NO	1.04	3.000	48.70	48.70	1.000	1.000	NO	1697		4.77	1697
130	1... PCB-169	3.92e5	1.26	NO	1.16	3.000	50.97	50.97	1.000	1.000	NO	1721		4.96	1721
131	1... PCB-188	3.75e5	1.02	NO	1.29	3.000	43.07	43.05	1.001	1.000	NO	1682		2.90	1682
132	1... PCB-184	3.62e5	1.05	NO	1.23	3.000	43.50	43.51	1.011	1.011	NO	1699		3.04	1699
133	1... PCB-179	3.78e5	1.04	NO	1.30	3.000	44.33	44.32	1.030	1.030	NO	1685		2.88	1685

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-3.qld

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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	1... PCB-176	3.84e5	1.05	NO	1.31	3.000	44.79	44.79	1.041	1.041	NO	1697		2.86	1697
135	1... PCB-186	3.96e5	1.02	NO	1.33	3.000	45.42	45.42	1.056	1.055	NO	1725		2.81	1725
136	1... PCB-178	2.76e5	1.04	NO	0.943	3.000	45.93	45.93	1.067	1.067	NO	1693		3.96	1693
137	1... PCB-175	2.79e5	1.02	NO	0.956	3.000	46.29	46.29	1.076	1.076	NO	1689		3.91	1689
138	1... PCB-182/187	6.29e5	1.04	NO	1.07	3.000	46.50	46.46	1.081	1.080	NO	3414		3.51	3414
139	1... PCB-183	3.05e5	1.03	NO	1.02	3.000	46.80	46.78	1.088	1.087	NO	1723		3.65	1723
140	1... PCB-185	2.65e5	1.02	NO	1.41	3.000	47.46	47.47	0.955	0.955	NO	1693		4.01	1693
141	1... PCB-174	2.60e5	1.04	NO	1.35	3.000	47.86	47.84	0.963	0.962	NO	1723		4.16	1723
142	1... PCB-181	2.71e5	1.02	NO	1.47	3.000	47.96	47.94	0.965	0.964	NO	1648		3.82	1648
143	1... PCB-177	2.38e5	1.07	NO	1.28	3.000	48.13	48.13	0.968	0.968	NO	1670		4.41	1670
144	1... PCB-171	2.44e5	1.05	NO	1.32	3.000	48.43	48.43	0.974	0.974	NO	1659		4.28	1659
145	1... PCB-173	2.13e5	1.03	NO	1.19	3.000	48.86	48.87	0.983	0.983	NO	1602		4.73	1602
146	1... PCB-172	2.56e5	1.02	NO	1.38	3.000	49.34	49.32	0.992	0.992	NO	1667		4.10	1667
147	1... PCB-192	3.20e5	1.01	NO	1.83	3.000	49.53	49.53	0.996	0.996	NO	1568		3.08	1568
148	1... PCB-180	2.61e5	1.04	NO	1.41	3.000	49.74	49.74	1.000	1.000	NO	1659		3.99	1659
149	1... PCB-193	3.02e5	1.03	NO	1.68	3.000	49.96	49.95	1.005	1.005	NO	1615		3.36	1615
150	1... PCB-191	3.09e5	1.03	NO	1.71	3.000	50.23	50.21	1.010	1.010	NO	1618		3.29	1618
151	1... PCB-170	2.19e5	1.01	NO	1.40	3.000	51.41	51.40	1.000	1.000	NO	1638		4.80	1638
152	1... PCB-190	2.83e5	1.02	NO	1.85	3.000	51.62	51.61	1.005	1.004	NO	1607		3.63	1607
153	1... PCB-189	2.89e5	1.04	NO	1.45	3.000	53.11	53.11	1.000	1.000	NO	1672		3.36	1672
154	1... PCB-202	2.60e5	0.91	NO	1.17	3.000	48.66	48.64	1.001	1.000	NO	1658		1.33	1658
155	1... PCB-201	2.24e5	0.88	NO	1.05	3.000	49.15	49.13	1.011	1.011	NO	1587		1.47	1587
156	1... PCB-204	2.47e5	0.91	NO	1.14	3.000	49.30	49.30	1.014	1.014	NO	1613		1.36	1613
157	1... PCB-197	2.45e5	0.88	NO	1.13	3.000	49.62	49.61	1.021	1.020	NO	1611		1.37	1611
158	1... PCB-200	2.24e5	0.92	NO	1.07	3.000	50.56	50.55	1.040	1.040	NO	1563		1.45	1563
159	1... PCB-198	1.69e5	0.92	NO	0.794	3.000	52.10	52.11	1.072	1.072	NO	1592		1.95	1592
160	1... PCB-199	1.68e5	0.90	NO	0.809	3.000	52.24	52.22	1.074	1.074	NO	1551		1.92	1551
161	1... PCB-196/203	3.46e5	0.91	NO	0.838	3.000	52.54	52.52	1.081	1.080	NO	3080		1.85	3080
162	1... PCB-195	2.48e5	0.90	NO	1.04	3.000	53.83	53.81	0.984	0.983	NO	1814		4.02	1814
163	1... PCB-194	2.53e5	0.89	NO	1.12	3.000	54.74	54.74	1.000	1.000	NO	1730		3.76	1730
164	1... PCB-205	2.87e5	0.90	NO	1.29	3.000	55.01	55.01	1.005	1.005	NO	1700		3.25	1700
165	1... PCB-208	2.57e5	1.36	NO	0.933	3.000	53.98	53.98	1.000	1.000	NO	1716		2.56	1716
166	1... PCB-207	2.41e5	1.35	NO	0.916	3.000	54.31	54.31	1.007	1.007	NO	1636		2.61	1636
167	1... PCB-206	1.39e5	1.32	NO	1.01	3.000	56.27	56.27	1.000	1.000	NO	1697		4.63	1697

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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
168	1... PCB-209	7.60e4	1.22	NO	0.986	3.000	57.50	57.52	1.000	1.000	NO	1641		0.426	1641
169	1... 13C-PCB-1	1.10e6	3.47	NO	0.893	3.000	15.54	15.56	0.608	0.609	NO	2173	65.2	3.05	
170	1... 13C-PCB-3	1.13e6	3.27	NO	0.911	3.000	18.19	18.20	0.712	0.712	NO	2186	65.6	2.99	
171	1... 13C-PCB-4	9.11e5	1.60	NO	0.600	3.000	19.56	19.56	0.765	0.765	NO	2671	80.1	1.69	
172	1... 13C-PCB-9	1.47e6	1.58	NO	0.970	3.000	21.39	21.38	0.837	0.837	NO	2668	80.0	1.04	
173	1... 13C-PCB-11	1.51e6	1.59	NO	0.962	3.000	24.84	24.83	0.972	0.971	NO	2760	82.8	1.05	
174	1... 13C-PCB-19	6.66e5	1.02	NO	0.499	3.000	23.80	23.80	0.931	0.931	NO	2349	70.5	16.0	
175	1... 13C-PCB-32	9.56e5	1.03	NO	0.744	3.000	26.79	26.79	1.048	1.048	NO	2260	67.8	10.7	
176	1... 13C-PCB-28	1.25e6	0.91	NO	1.06	3.000	28.79	28.79	1.003	1.003	NO	2581	77.4	18.0	
177	1... 13C-PCB-37	1.21e6	1.11	NO	0.989	3.000	32.79	32.79	1.143	1.143	NO	2701	81.0	19.4	
178	1... 13C-PCB-54	9.47e5	0.80	NO	0.999	3.000	27.64	27.64	0.753	0.753	NO	2875	86.2	3.56	
179	1... 13C-PCB-52	7.54e5	0.80	NO	0.804	3.000	31.28	31.29	0.852	0.852	NO	2843	85.3	4.42	
180	1... 13C-PCB-47	7.83e5	0.80	NO	0.857	3.000	31.80	31.81	0.866	0.866	NO	2769	83.1	4.15	
181	1... 13C-PCB-70	9.42e5	0.80	NO	0.996	3.000	35.45	35.44	0.965	0.965	NO	2870	86.1	3.57	
182	1... 13C-PCB-80	9.72e5	0.77	NO	1.03	3.000	35.89	35.87	0.977	0.977	NO	2868	86.0	3.46	
183	1... 13C-PCB-81	8.93e5	0.80	NO	0.988	3.000	39.08	39.08	1.064	1.064	NO	2740	82.2	3.60	
184	1... 13C-PCB-77	8.64e5	0.80	NO	0.969	3.000	39.69	39.70	1.081	1.081	NO	2703	81.1	3.67	
185	1... 13C-PCB-104	6.57e5	1.58	NO	1.02	3.000	32.48	32.48	0.827	0.827	NO	2903	87.1	1.83	
186	1... 13C-PCB-95	5.18e5	1.61	NO	0.805	3.000	35.76	35.75	0.910	0.910	NO	2888	86.6	2.31	
187	1... 13C-PCB-101	4.99e5	1.62	NO	0.793	3.000	37.51	37.50	0.955	0.955	NO	2827	84.8	2.35	
188	1... 13C-PCB-97	4.48e5	1.63	NO	0.696	3.000	38.85	38.84	0.989	0.989	NO	2886	86.6	2.67	
189	1... 13C-PCB-123	5.82e5	1.59	NO	0.933	3.000	41.49	41.49	1.056	1.056	NO	2800	84.0	2.00	
190	1... 13C-PCB-118	6.20e5	1.58	NO	0.986	3.000	41.68	41.67	1.061	1.061	NO	2825	84.7	1.89	
191	1... 13C-PCB-114	8.54e5	1.62	NO	1.55	3.000	42.33	42.35	0.908	0.908	NO	2859	85.8	2.49	
192	1... 13C-PCB-105	8.56e5	1.63	NO	1.57	3.000	43.22	43.24	0.927	0.927	NO	2818	84.5	2.45	
193	1... 13C-PCB-127	8.81e5	1.59	NO	1.62	3.000	43.56	43.58	0.934	0.935	NO	2806	84.2	2.37	
194	1... 13C-PCB-126	8.81e5	1.60	NO	1.57	3.000	45.54	45.53	0.976	0.976	NO	2907	87.2	2.46	
195	1... 13C-PCB-155	4.52e5	1.31	NO	0.615	3.000	37.01	37.02	0.942	0.942	NO	3300	99.0	1.01	
196	1... 13C-PCB-153	7.05e5	1.26	NO	1.36	3.000	43.39	43.41	0.930	0.931	NO	2676	80.3	3.27	
197	1... 13C-PCB-141	5.83e5	1.25	NO	1.13	3.000	44.15	44.17	0.947	0.947	NO	2677	80.3	3.96	
198	1... 13C-PCB-138	6.22e5	1.27	NO	1.18	3.000	45.02	45.04	0.965	0.966	NO	2720	81.6	3.77	
199	1... 13C-PCB-159	7.75e5	1.27	NO	1.44	3.000	46.34	46.37	0.994	0.994	NO	2787	83.6	3.10	
200	2... 13C-PCB-167	7.63e5	1.28	NO	1.44	3.000	47.05	47.07	1.009	1.009	NO	2744	82.3	3.10	
201	2... 13C-PCB-156	7.09e5	1.32	NO	1.40	3.000	48.37	48.39	1.037	1.038	NO	2627	78.8	3.20	

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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	2... 13C-PCB-157	7.17e5	1.29	NO	1.40	3.000	48.66	48.68	1.043	1.044	NO	2656	79.7	3.20	
203	2... 13C-PCB-169	6.56e5	1.29	NO	1.33	3.000	50.93	50.95	1.092	1.093	NO	2551	76.5	3.35	
204	2... 13C-PCB-188	5.76e5	0.45	NO	1.41	3.000	43.03	43.03	0.926	0.926	NO	2721	81.6	2.63	
205	2... 13C-PCB-180	3.72e5	0.45	NO	0.929	3.000	49.72	49.72	1.070	1.070	NO	2665	80.0	3.99	
206	2... 13C-PCB-170	3.18e5	0.44	NO	0.794	3.000	51.38	51.39	1.106	1.106	NO	2662	79.9	4.67	
207	2... 13C-PCB-189	3.97e5	0.45	NO	1.04	3.000	53.11	53.09	1.143	1.143	NO	2529	75.9	3.55	
208	2... 13C-PCB-202	4.47e5	0.93	NO	1.04	3.000	48.62	48.62	1.046	1.046	NO	2873	86.2	3.43	
209	2... 13C-PCB-194	4.36e5	0.91	NO	0.768	3.000	54.72	54.72	0.995	0.995	NO	2863	85.9	9.35	
210	2... 13C-PCB-208	5.35e5	0.79	NO	0.991	3.000	53.96	53.96	0.981	0.981	NO	2724	81.7	3.93	
211	2... 13C-PCB-206	2.71e5	0.77	NO	0.552	3.000	56.26	56.26	1.023	1.023	NO	2474	74.2	7.05	
212	2... 13C-PCB-209	1.56e5	1.22	NO	0.396	3.000	57.50	57.50	1.046	1.045	NO	1989	59.7	0.492	
213	2... 13C-PCB-15	1.90e6	1.60	NO	1.00	3.000	25.54	25.56	1.000	0.000	NO	3333	100	1.01	
214	2... 13C-PCB-31	1.51e6	1.18	NO	1.00	3.000	28.69	28.70	1.000	0.000	NO	3333	100	19.2	
215	2... 13C-PCB-60	1.10e6	0.81	NO	1.00	3.000	36.71	36.72	1.000	0.000	NO	3333	100	3.56	
216	2... 13C-PCB-111	7.42e5	1.62	NO	1.00	3.000	39.27	39.29	1.000	0.000	NO	3333	100	1.86	
217	2... 13C-PCB-128	6.44e5	1.30	NO	1.00	3.000	46.64	46.63	1.000	0.000	NO	3333	100	4.46	
218	2... 13C-PCB-182	5.01e5	0.46	NO	1.00	3.000	46.45	46.46	0.000	0.000	NO	3333	100	3.71	
219	2... 13C-PCB-205	6.61e5	0.90	NO	1.00	3.000	54.99	55.00	1.000	0.000	NO	3333	100	7.18	
220	2... 13C-PCB-79	1.00e6	0.79	NO	1.07	3.000	37.82	37.82	1.030	1.030	NO	2838	85.1	3.33	
221	2... 13C-PCB-178	4.16e5	0.45	NO	0.766	3.000	45.91	45.91	0.988	0.988	NO	2812	84.4	3.77	
222	2... 13C-PCB-79	1.00e6	0.79	NO	1.08	3.000	37.82	37.82	0.968	0.968	NO	3452	104	4.28	
223	2... 13C-PCB-178	4.16e5	0.45	NO	1.05	3.000	45.91	45.91	0.923	0.923	NO	3553	107	4.61	

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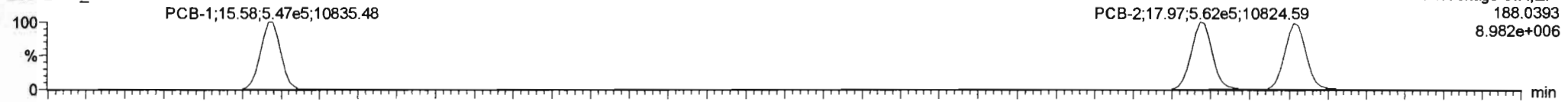
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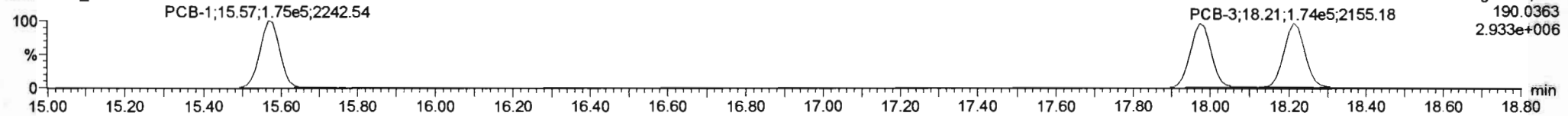
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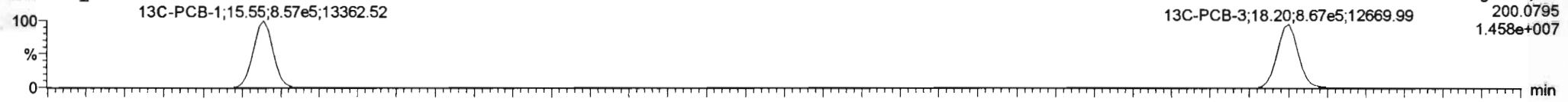


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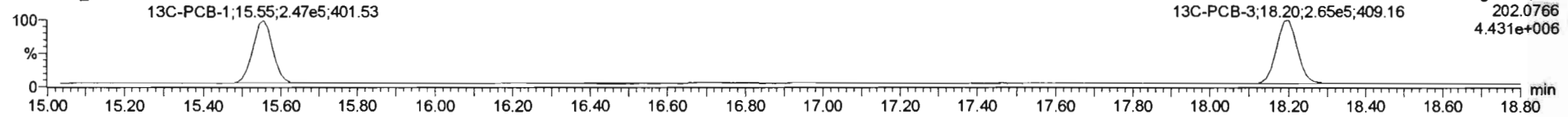


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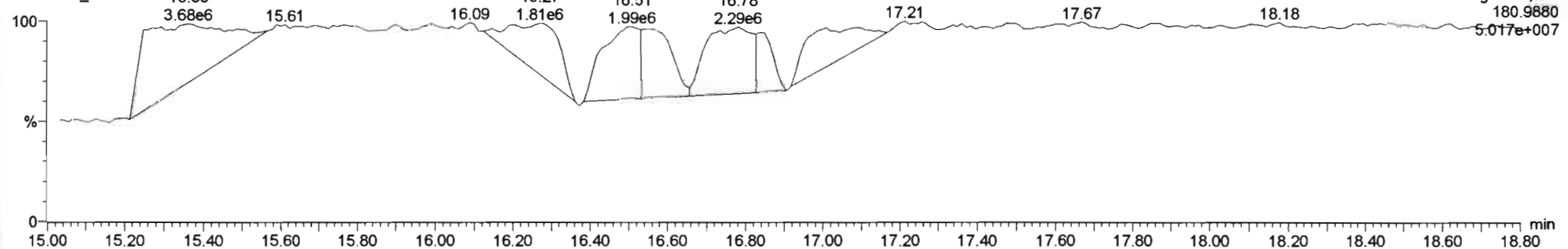


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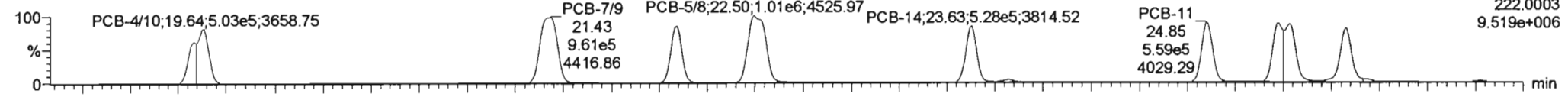
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

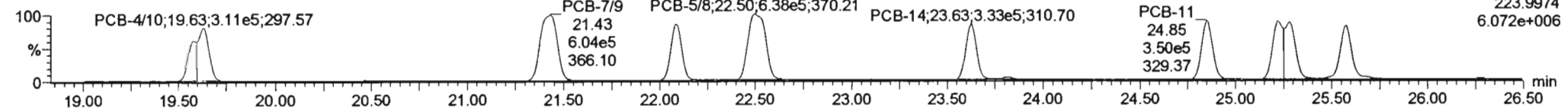
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-4/10

200928K3_3

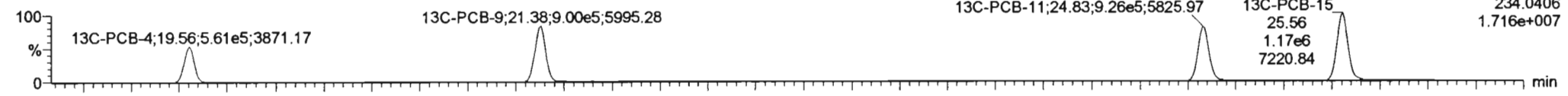


200928K3_3

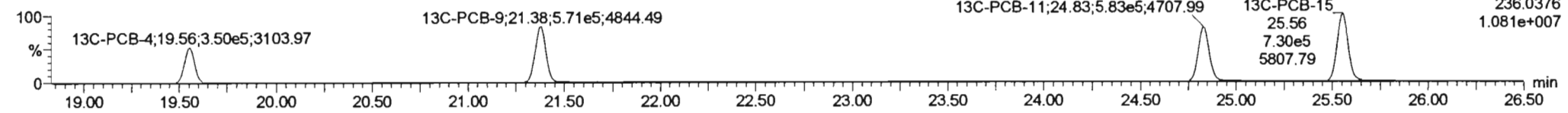


13C-PCB-4

200928K3_3

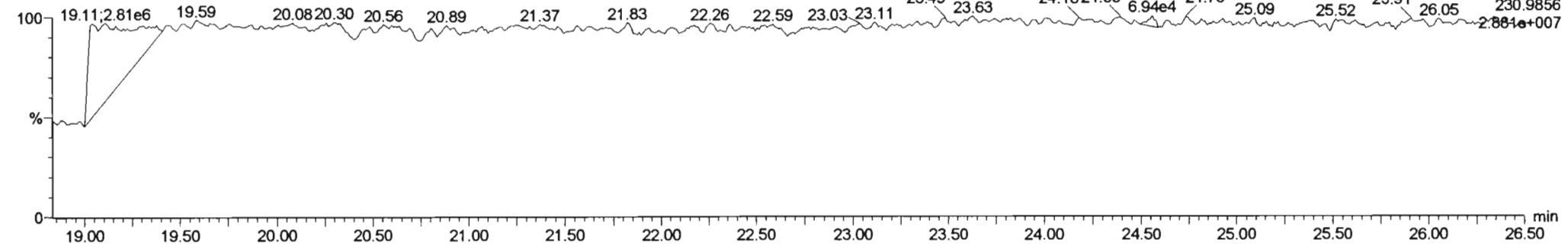


200928K3_3

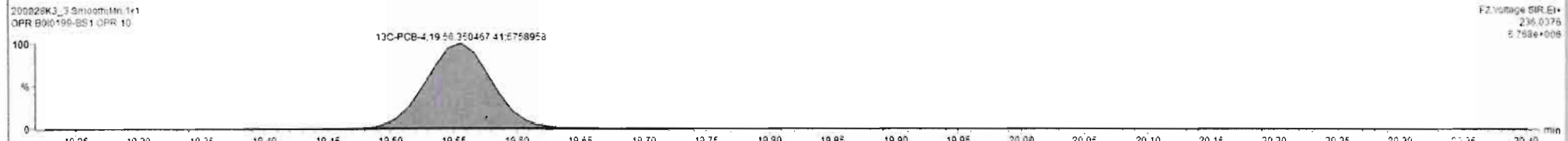
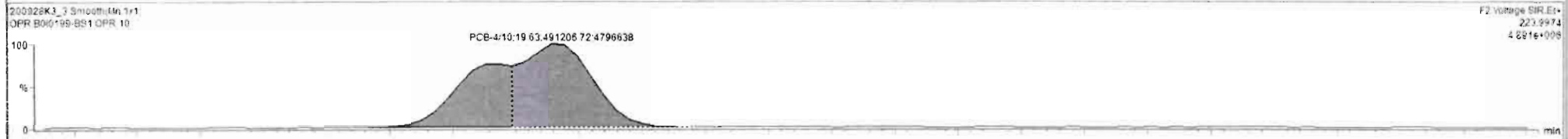
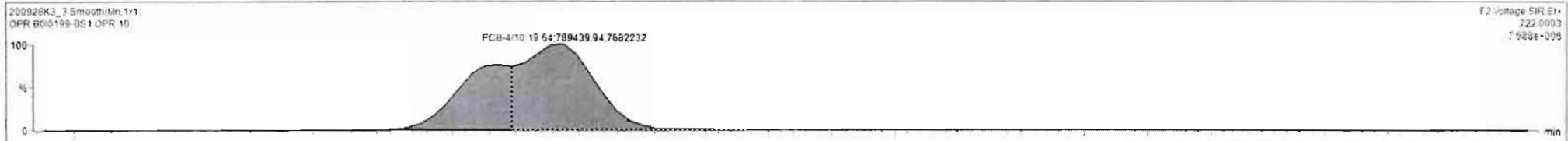


PFK2a

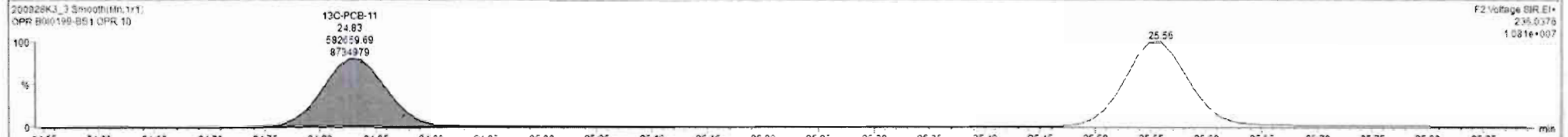
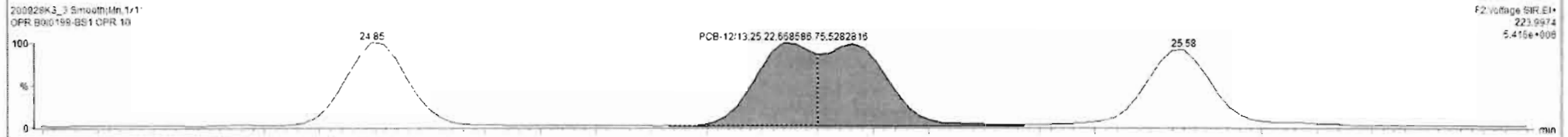
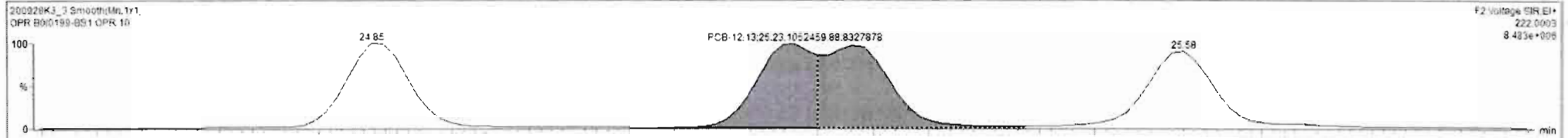
200928K3_3



#	Name	Resp	RA	nly	RRF	wlval	Pred.RT	RT	Pred.R.	BRT	RRT Fail	Conc.	%Rec	DL	EMPC
1	PCB-1	7.23e5	3.12	NO	1.1283	3.000	15.57	15.58	1.001	1.001	NO	1063		0.648	1868
2	PCB-2	7.37e5	3.20	NO	1.1228	3.000	17.99	17.97	0.988	0.962	NO	1335		0.667	1836
3	PCB-3	7.28e5	3.18	NO	1.1483	3.000	18.21	18.21	1.001	1.001	NO	1866		0.687	1886
4	PCB-4/10	1.28e6	1.61	NO	1.2481	3.000	19.64	19.64	1.004	1.004	NO	3754		6.54	3754
5	PCB-7/9	1.56e6	1.59	NO	0.9601	3.000	21.44	21.43	1.003	1.002	NO	3694		5.46	3694
6	PCB-8	8.44e5	1.57	NO	1.0236	3.000	22.09	22.08	1.033	1.033	NO	1869		5.12	1869
7	PCB-5/8	1.64e6	1.58	NO	0.9925	3.000	22.50	22.50	1.052	1.052	NO	3754		5.28	3754
8	PCB-14	3.81e5	1.58	NO	1.0173	3.000	23.92	23.93	0.961	0.952	NO	1871		5.32	1871
9	PCB-11	9.08e5	1.59	NO	1.1264	3.000	24.85	24.85	1.001	1.001	NO	1783		4.80	1783
10	PCB-12/13	9.22e5	1.61	NO	1.0267	3.000	25.28	25.28	1.018	1.018	NO	1983		5.27	1983

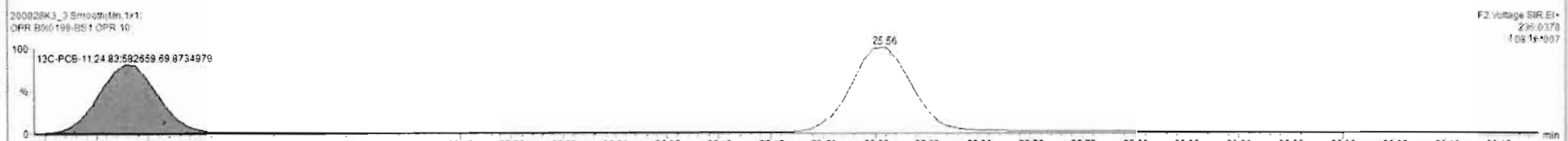
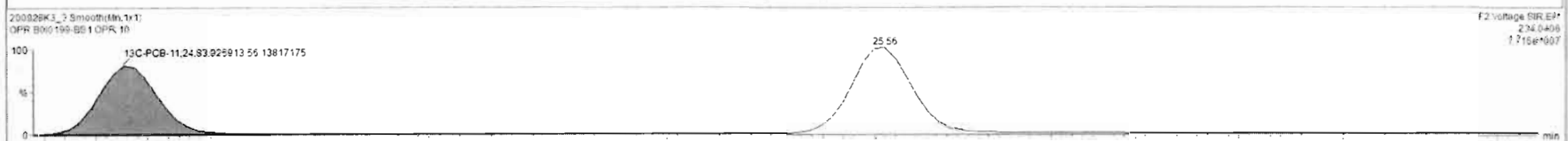
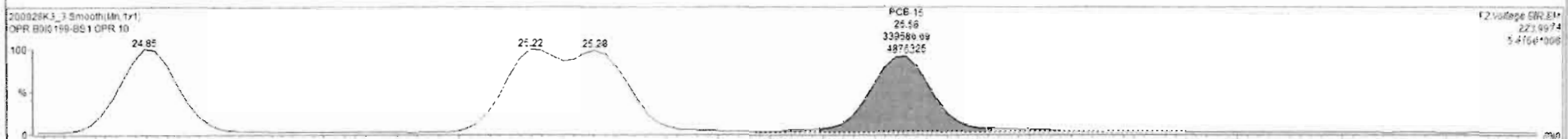
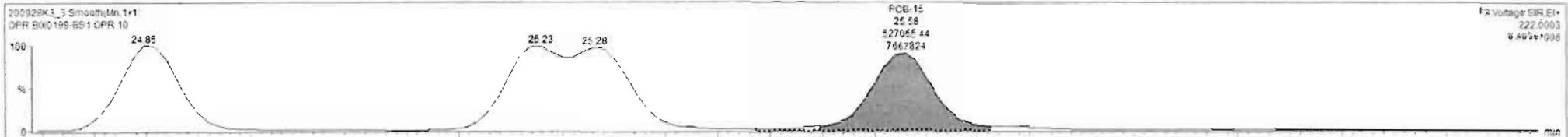


#	Name	Resp	RA	n/y	RRF	wi/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
1	PCB-1	7.22e5	3.12	NO	1.1583	3.000	15.57	15.55	1.001	1.001	NO	1868		0.648	1868
2	PCB-2	7.37e5	3.20	NO	1.1828	3.000	17.99	17.97	0.998	0.998	NO	1836		0.627	1836
3	PCB-3	7.28e5	3.18	NO	1.1483	3.000	18.21	18.21	1.001	1.001	NO	1868		0.637	1868
4	PCB-4/10	1.28e6	1.61	NO	1.2461	3.000	19.64	19.64	1.004	1.004	NO	3754		6.54	3754
5	PCB-7/5	1.56e6	1.59	NO	0.9691	3.000	21.44	21.43	1.003	1.002	NO	3654		5.46	3654
6	PCB-6	8.44e5	1.57	NO	1.0236	3.000	22.09	22.09	1.033	1.033	NO	1869		5.12	1869
7	PCB-5/8	1.64e6	1.58	NO	0.9925	3.000	22.50	22.50	1.052	1.052	NO	3754		5.28	3754
8	PCB-14	5.81e5	1.58	NO	1.0173	3.000	23.62	23.63	0.951	0.952	NO	1871		5.12	1871
9	PCB-11	9.09e5	1.59	NO	1.1264	3.000	24.65	24.85	1.001	1.001	NO	1763		4.30	1763
10	PCB-12/13	1.72e6	1.57	NO	1.0287	3.000	25.28	25.23	1.018	1.018	NO	3704		5.27	3704



200928K3_3 - B010199-BS1 OPR 10 - OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
11	11 PCB-15	8.67e5	1.55	NO	1.0246	3.000	25.58	25.58	1.030	1.030	NO	1851		5.23	1851
12	12 PCB-19	3.87e5	1.06	NO	1.1063	3.000	27.83	23.82	1.001	1.001	NO	1750		1.13	1750
13	13 PCB-20	6.19e5	1.05	NO	1.17942	3.000	24.73	24.72	1.039	1.039	NO	1728		0.696	1728
14	14 PCB-16	4.12e5	1.05	NO	0.8177	3.000	25.50	25.50	0.952	0.952	NO	1750		1.13	1758
15	15 PCB-17	3.90e5	1.05	NO	0.7584	3.000	25.69	25.67	0.959	0.958	NO	1763		1.21	1792
16	16 PCB-24/27	1.11e6	1.08	NO	1.0821	3.000	26.28	26.27	0.981	0.981	NO	3574		0.656	3574
17	17 PCB-16/22	9.38e5	1.06	NO	0.8254	3.000	26.81	26.81	1.001	1.001	NO	3537		0.894	3537
18	18 PCB-34	6.12e5	1.05	NO	0.6455	3.000	27.82	27.82	0.969	0.969	NO	1730		1.25	1730
19	19 PCB-23	6.15e5	1.09	NO	0.6529	3.000	27.71	27.72	0.962	0.963	NO	1581		1.45	1861
20	20 PCB-29	5.60e5	1.10	NO	0.8926	3.000	27.57	27.96	0.971	0.971	NO	1682		1.43	1652



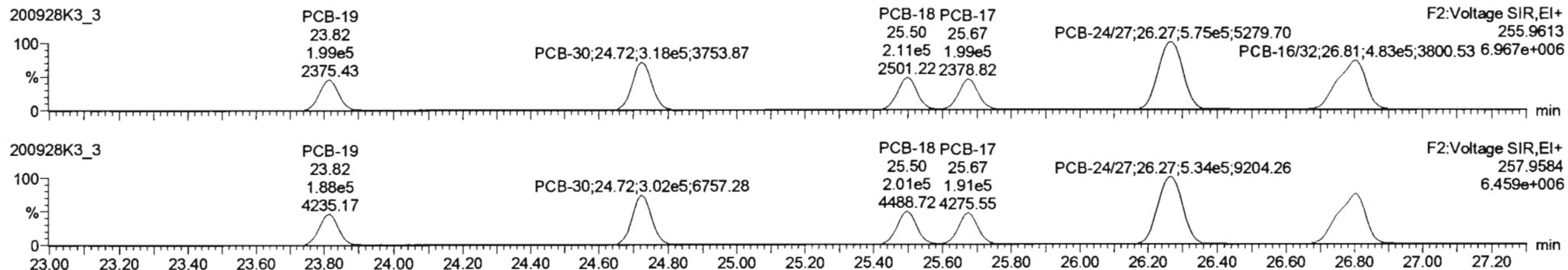
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Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time

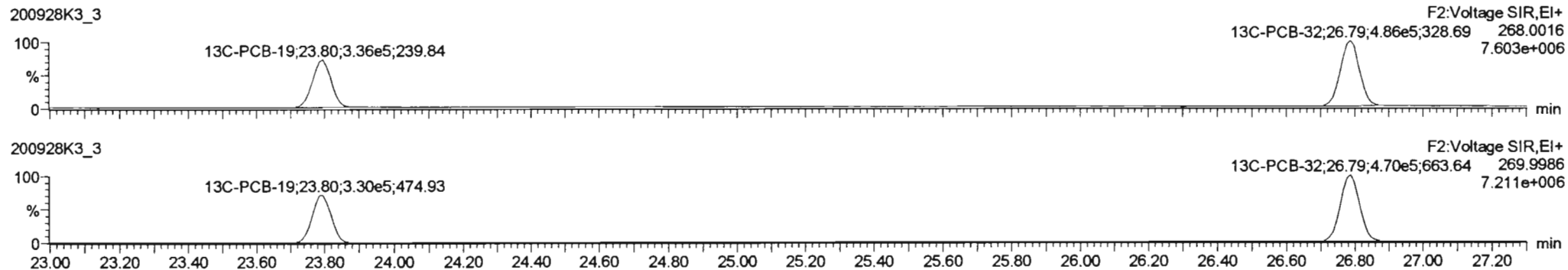
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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

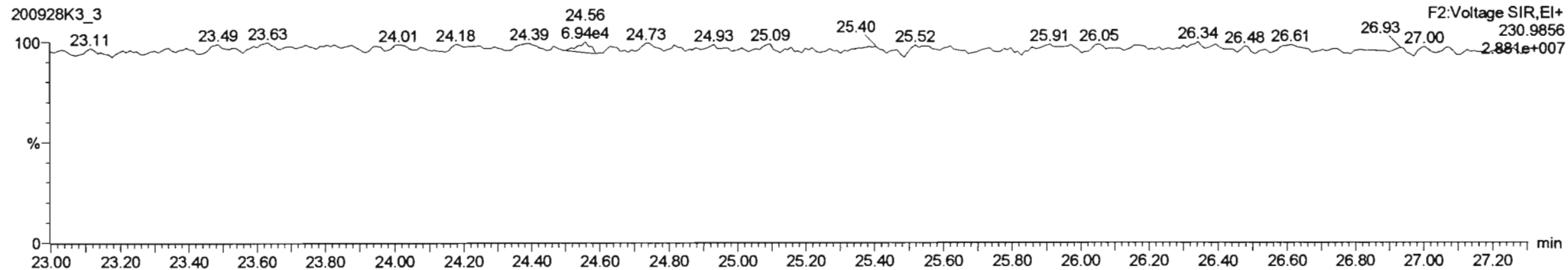
PCB-19



13C-PCB-19



PFK2b



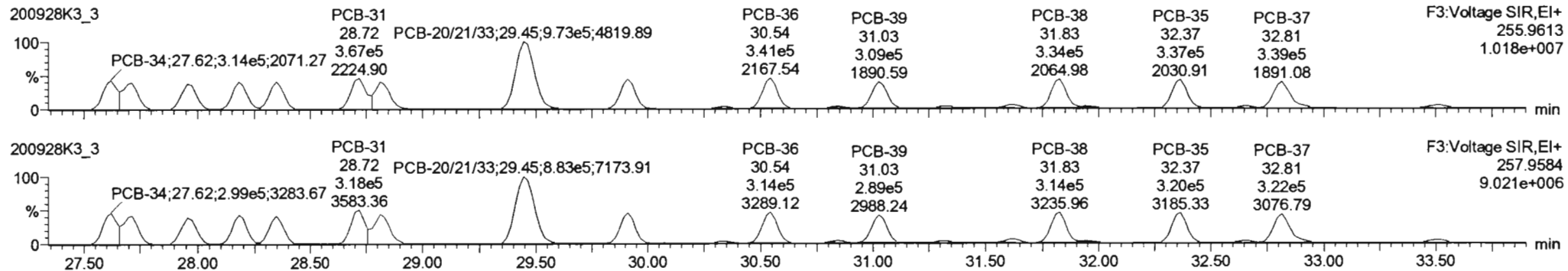
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Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time

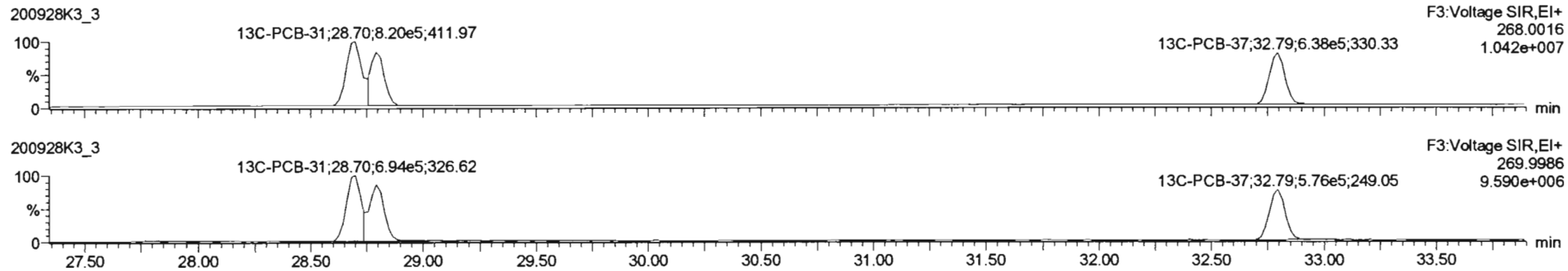
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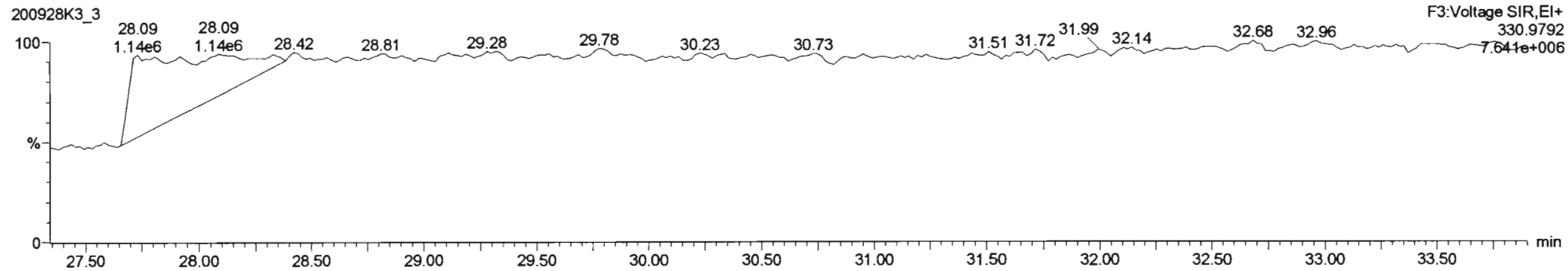
PCB-34



13C-PCB-28

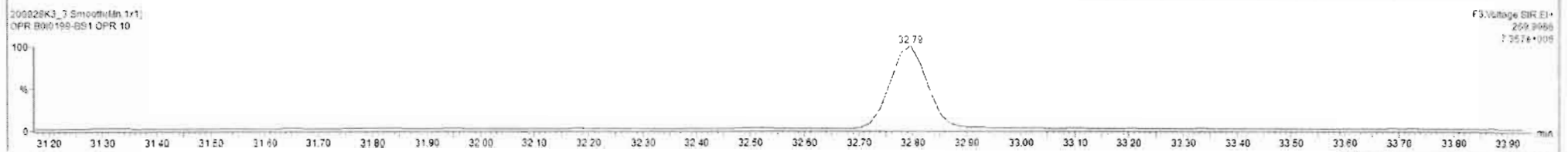
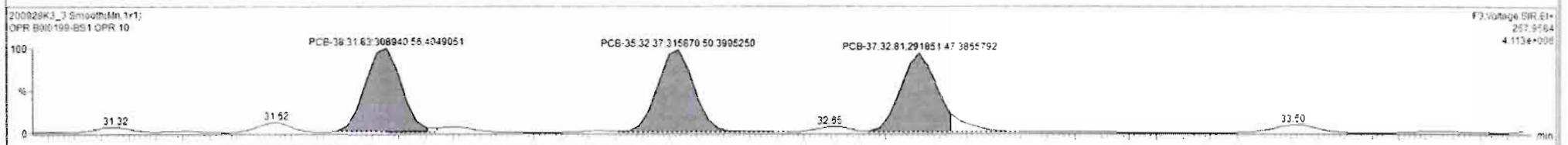
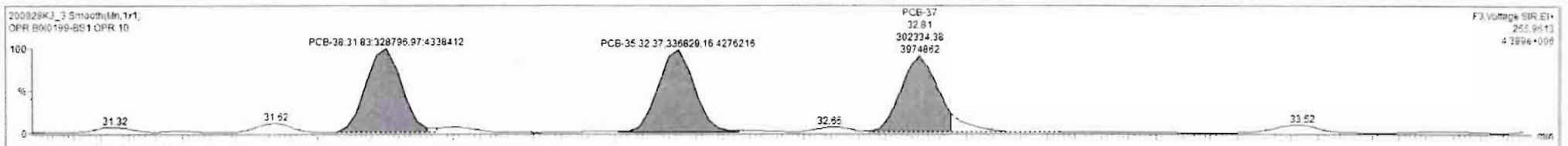


PFK3d



200928K3_3 - B010199-BS1 OPR 10 - OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO	22280		43.0	22280
226	226 2nd Function Tri-PCBs				1.0807	3.000	0.00		0.000		NO	14140		6.01	14140
227	227 3rd Function Tri-PCBs				0.9626	3.000	0.00		0.000		NO	27490		10.1	27490
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO	70610		52.6	70610
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO	68990		25.3	68990
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO	9431		11.2	9431
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO	22160		8.40	22160
232	232 4th Function Hexa-PCBs				1.0316	3.000	0.00		0.000		NO	48660		100	48660
233	233 Total Hepta-PCBs				1.3561	3.000	0.00		0.000		NO	40050		84.6	40050
234	234 4th Function Octa-PCBs				1.0006	3.000	0.00		0.000		NO	14260		12.7	14260

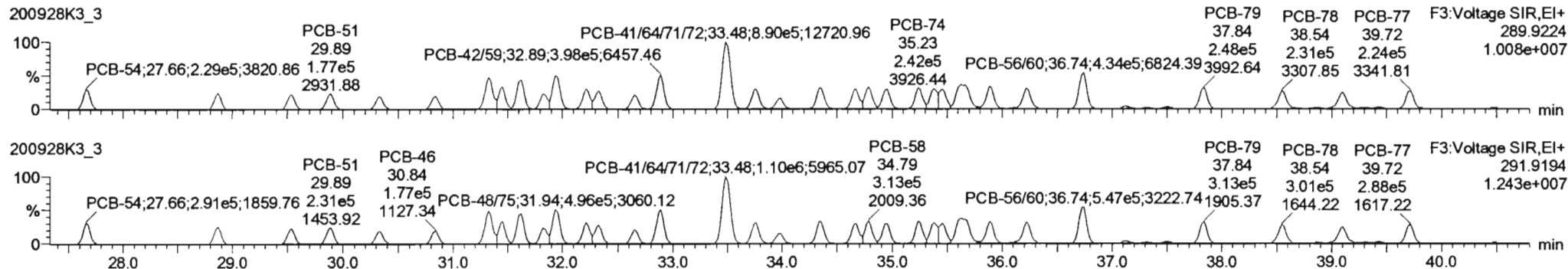


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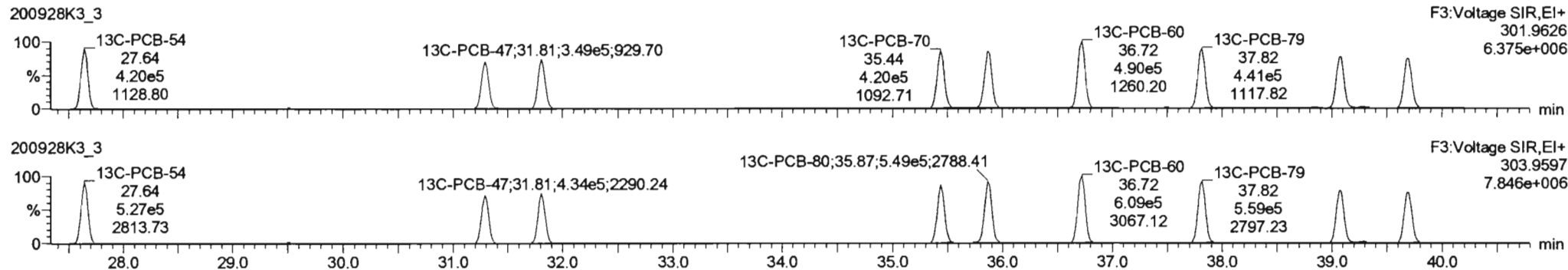
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Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

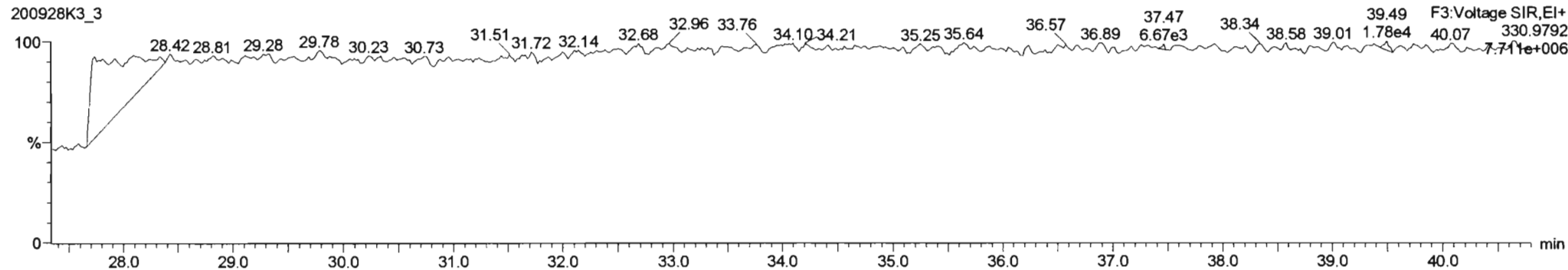
PCB-54



13C-PCB-54



PFK3a



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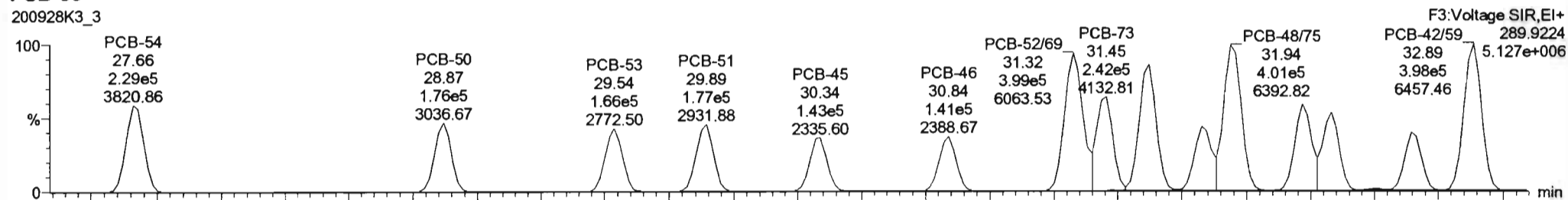
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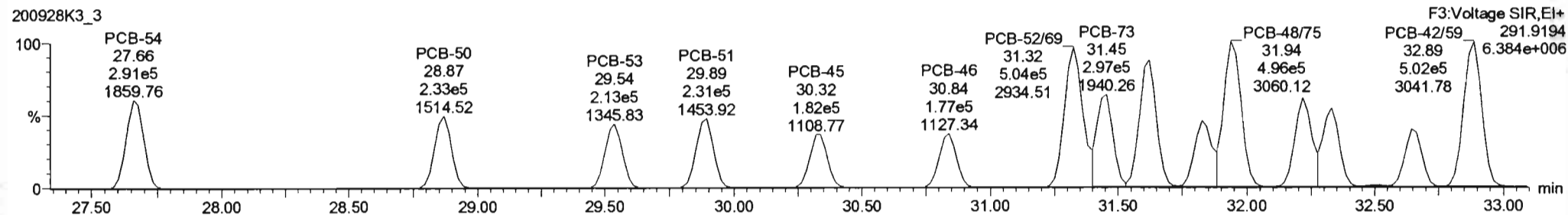
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PCB-50

200928K3_3

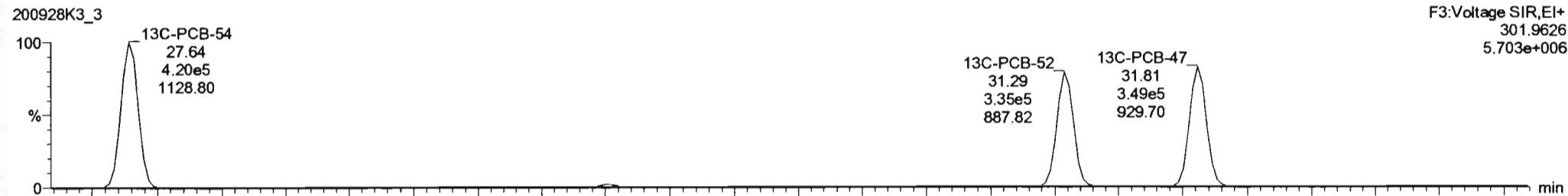


200928K3_3

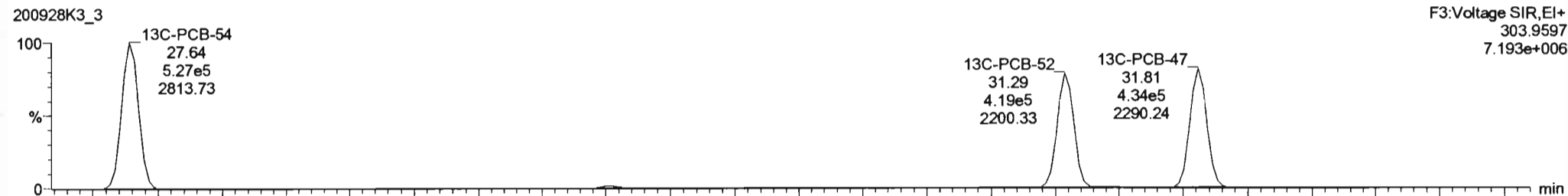


13C-PCB-52

200928K3_3



200928K3_3



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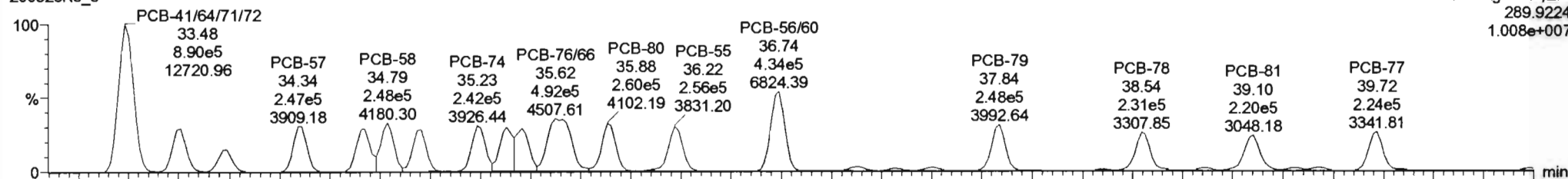
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PCB-68

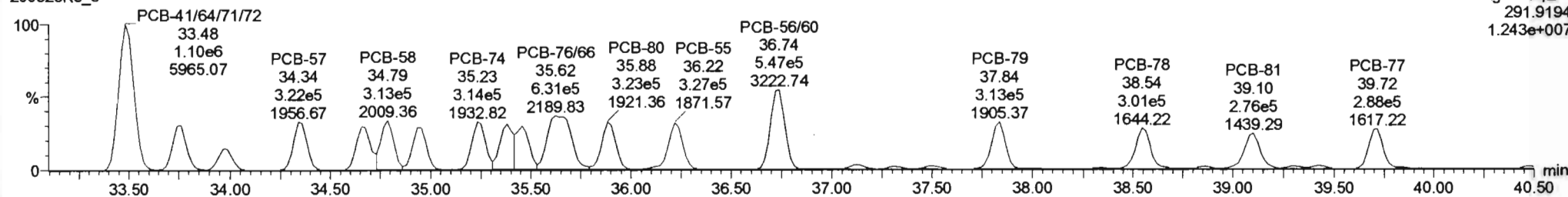
200928K3_3

F3:Voltage SIR,EI+
289.9224
1.008e+007



200928K3_3

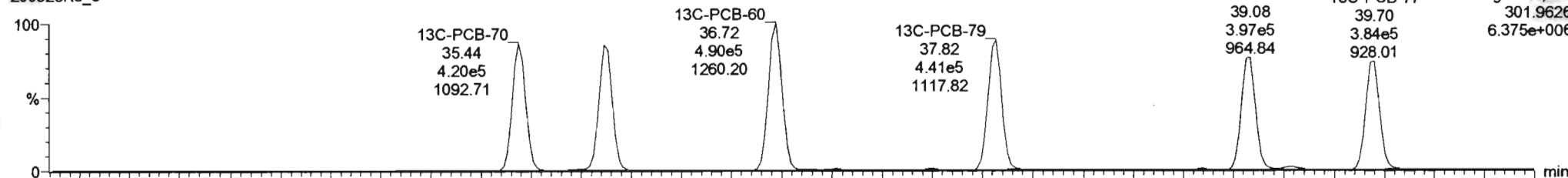
F3:Voltage SIR,EI+
291.9194
1.243e+007



13C-PCB-60

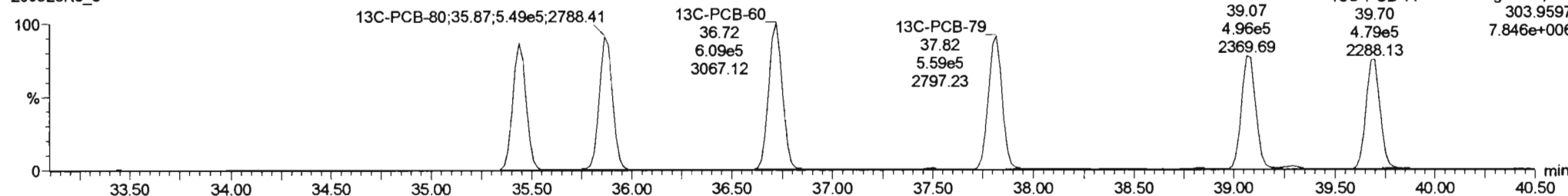
200928K3_3

F3:Voltage SIR,EI+
301.9626
6.375e+006

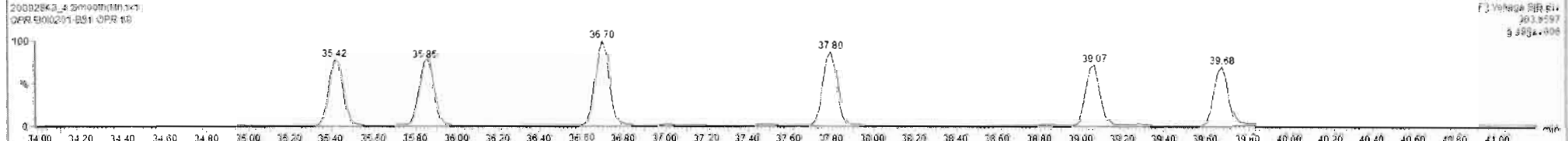
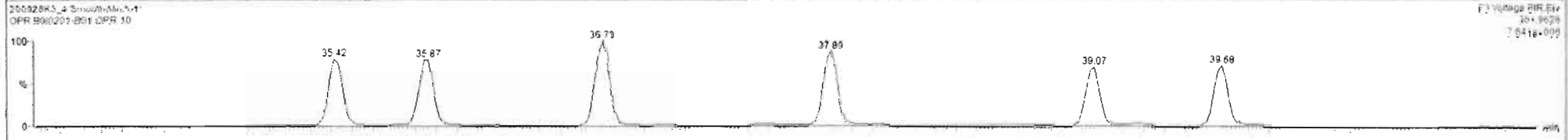
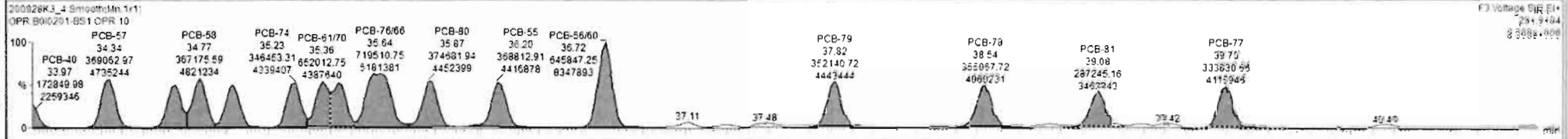
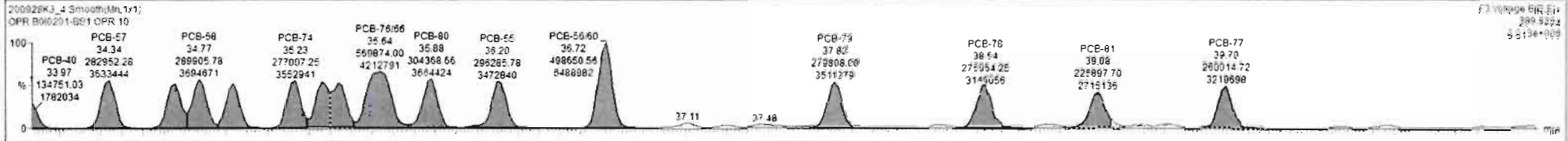


200928K3_3

F3:Voltage SIR,EI+
303.9597
7.846e+006



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1865	3.000	0.00		0.000		NO	5971		1.62	5971
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO	23409		34.8	23400
226	226 2nd Function Tri-PCBs				1.0807	3.000	0.00		0.000		NO	14920		6.60	14920
227	227 3rd Function Tri-PCBs				0.9626	3.000	0.00		0.000		NO	28830		16.6	28830
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO	74450		36.6	74450
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO	67780		30.1	71020
230	230 4th Function Penta-PCBs				1.0736	3.000	0.00		0.000		NO	9593		8.36	9593
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO	22560		8.06	22560
232	232 4th Function Hexa-PCBs				1.0316	3.000	0.00		0.000		NO	50600		55.4	50600
233	233 Total Hepta-PCBs				1.3551	3.000	0.00		0.000		NO	42420		73.9	42420

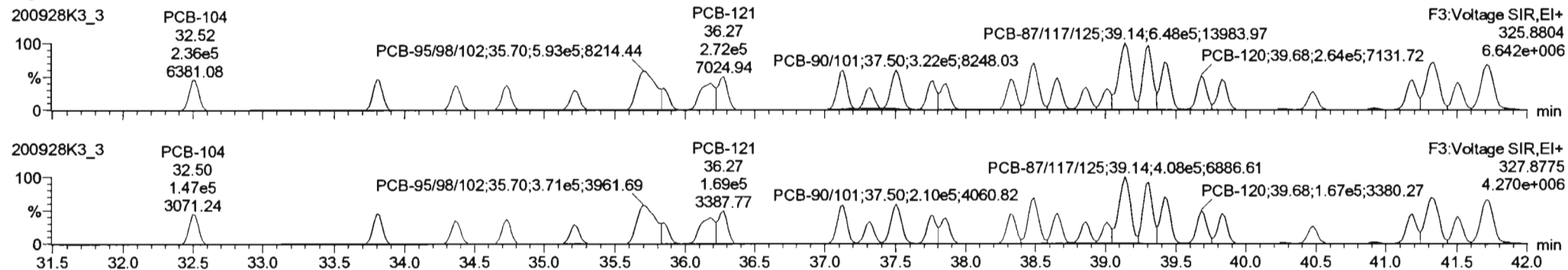


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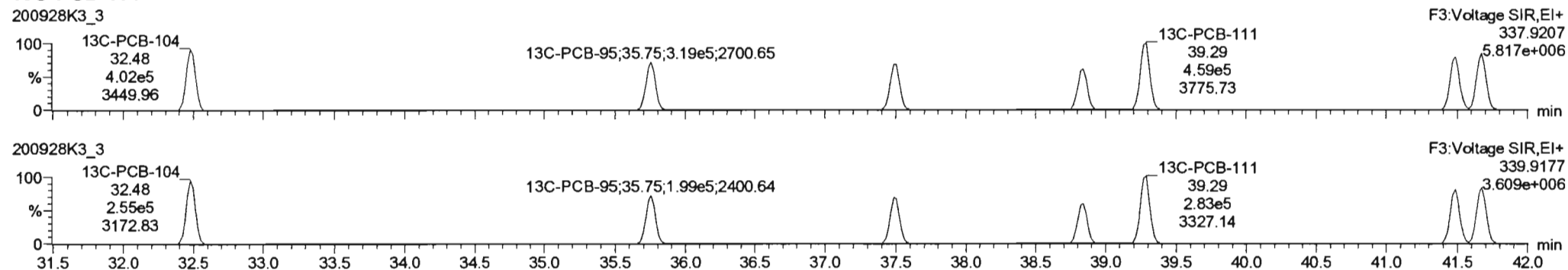
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

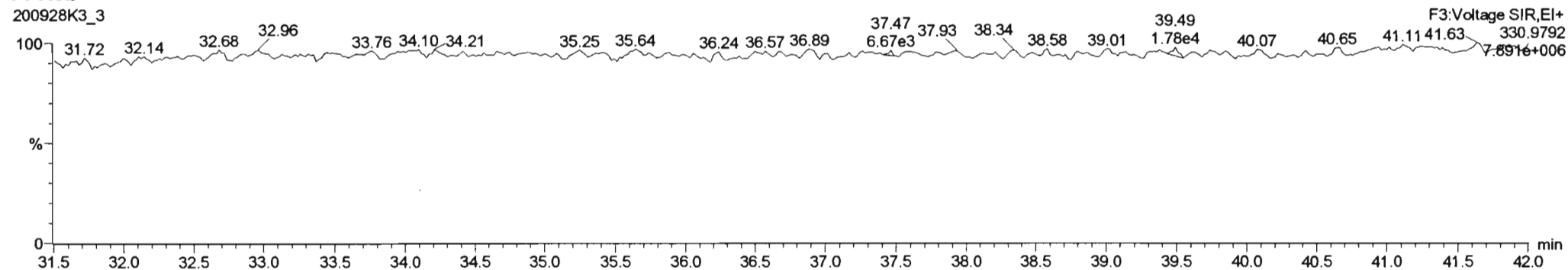
PCB-104



13C-PCB-104



PFK3b

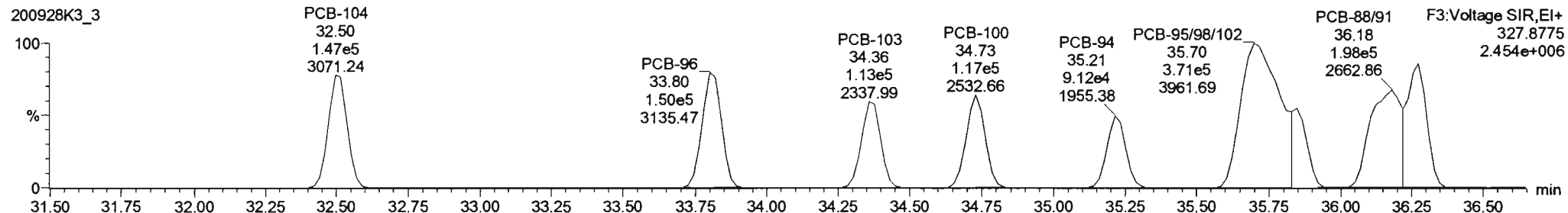
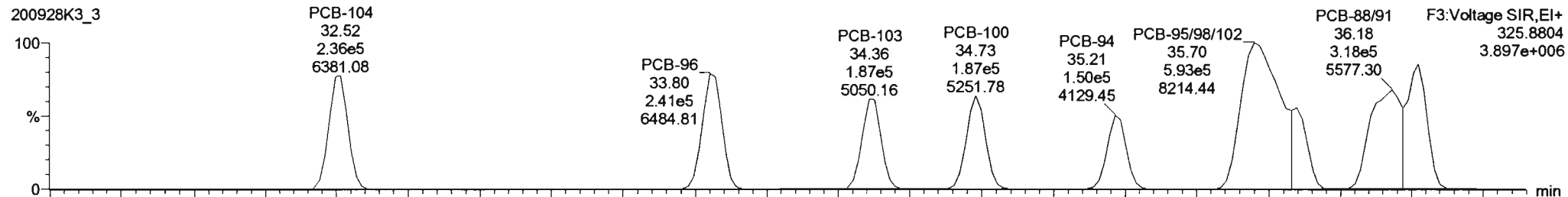


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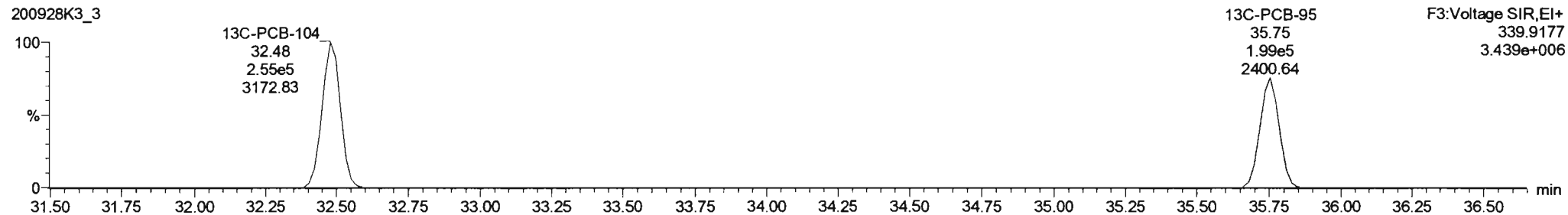
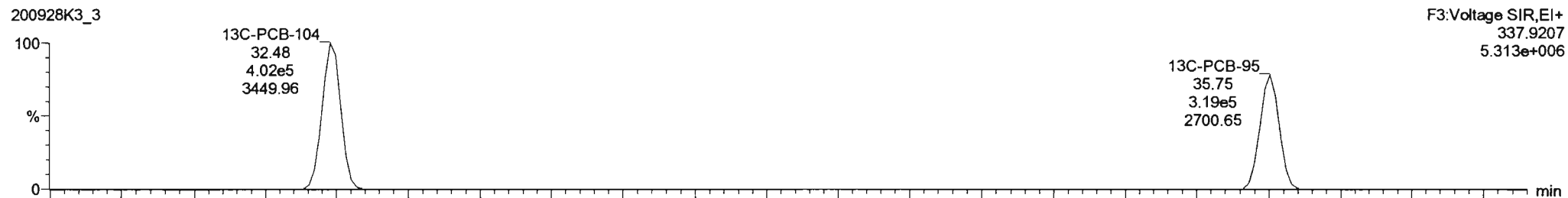
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Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-96



13C-PCB-95



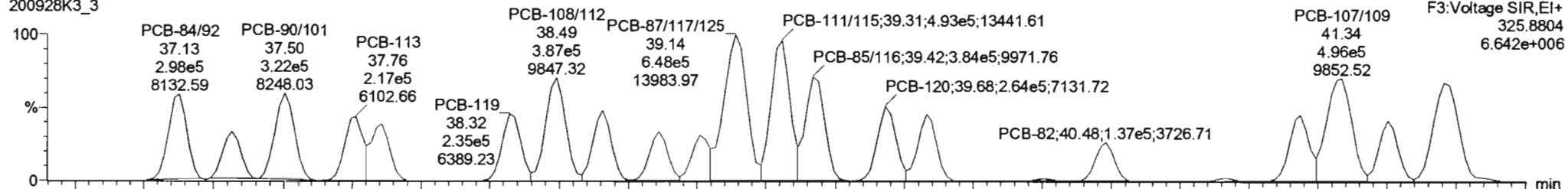
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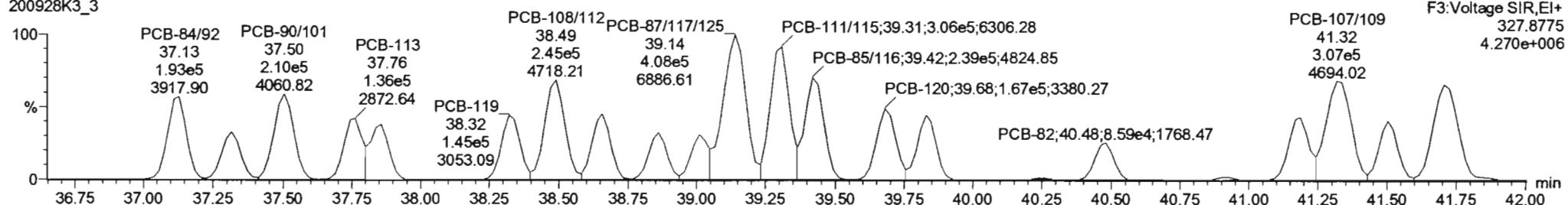
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PCB-119

200928K3_3

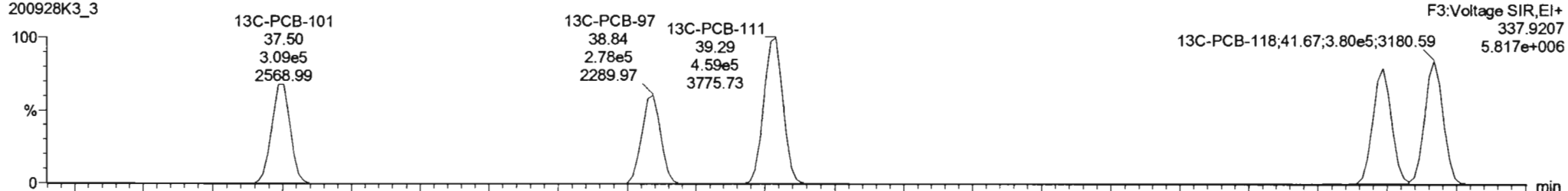


200928K3_3

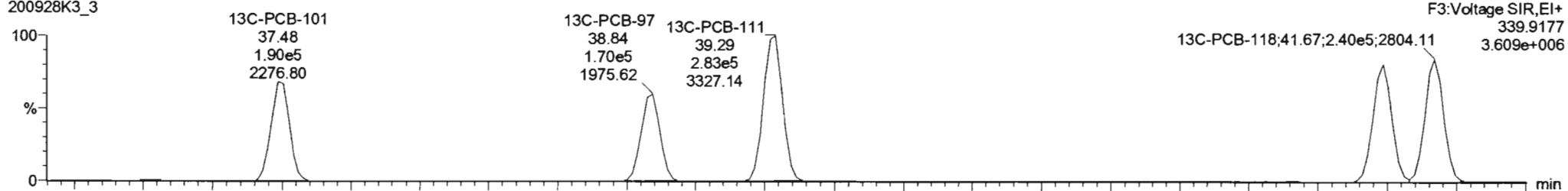


13C-PCB-111

200928K3_3

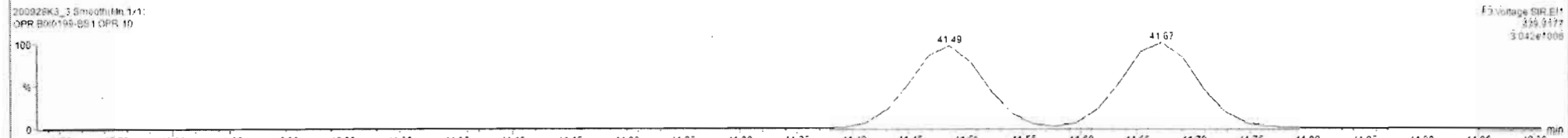
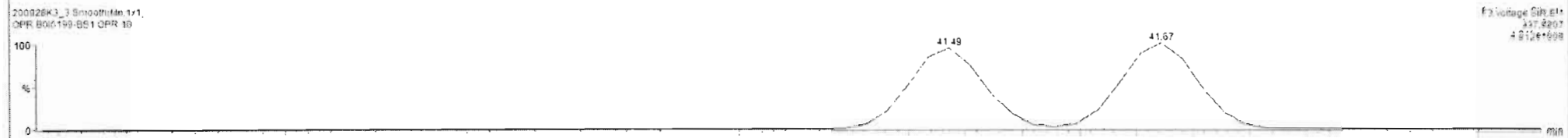
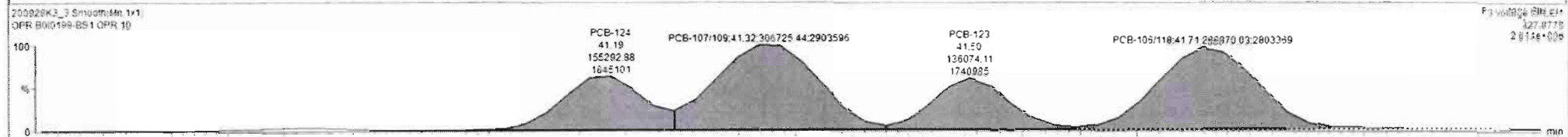
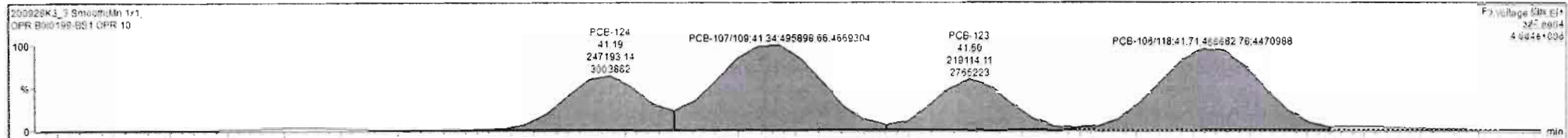


200928K3_3



200928K3_3 - B010199-BS1 OPR 10 - OPR

#	Name	Resp	RA	nly	RRF	w/wet	Pred.RT	RT	Pred.R.	RRT	RRT Fas	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO	22280		43.0	22280
226	226 2nd Function Tri-PCBs				1.0207	3.000	0.00		0.000		NO	14140		6.01	14140
227	227 3rd Function Tri-PCBs				0.9828	3.000	0.00		0.000		NO	27490		19.1	27490
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO	72280		52.6	72280
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO	66910		25.3	66910
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO	9431		11.2	9431
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO	22180		8.40	22180
232	232 4th Function Hexa-PCBs				1.0316	3.000	0.00		0.000		NO	48560		100	48560
233	233 Total Hepta-PCBs				1.3551	3.000	0.00		0.000		NO	40050		84.6	40050
234	234 4th Function Octa-PCBs				1.0006	3.000	0.00		0.000		NO	14290		12.7	14290

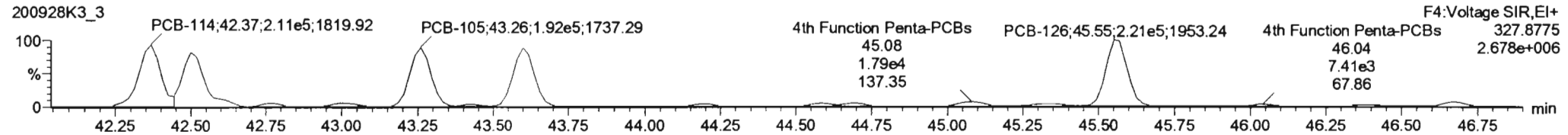
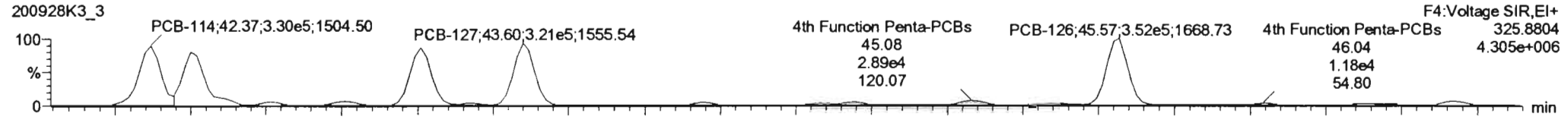


Dataset: Untitled

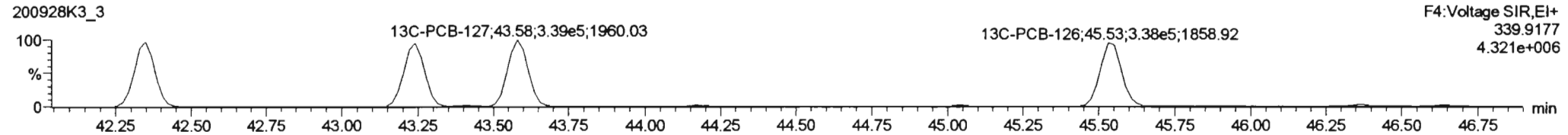
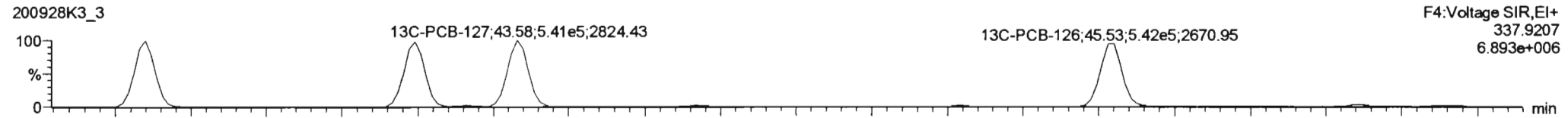
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
 Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

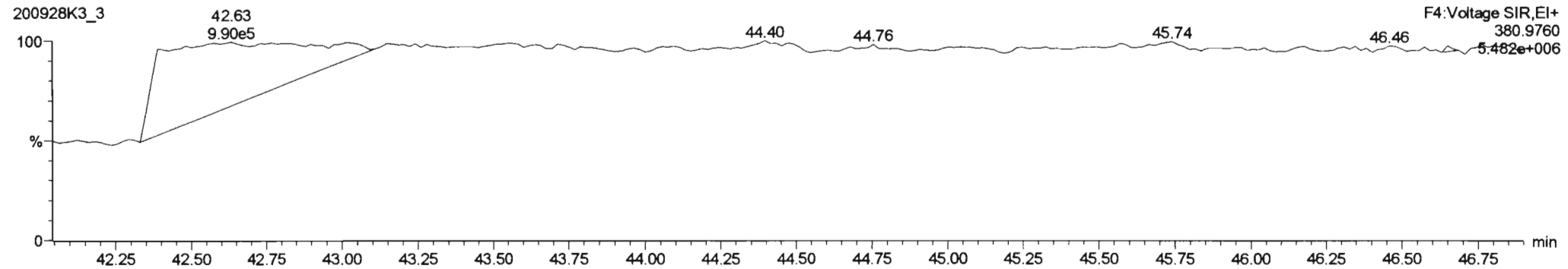
PCB-114

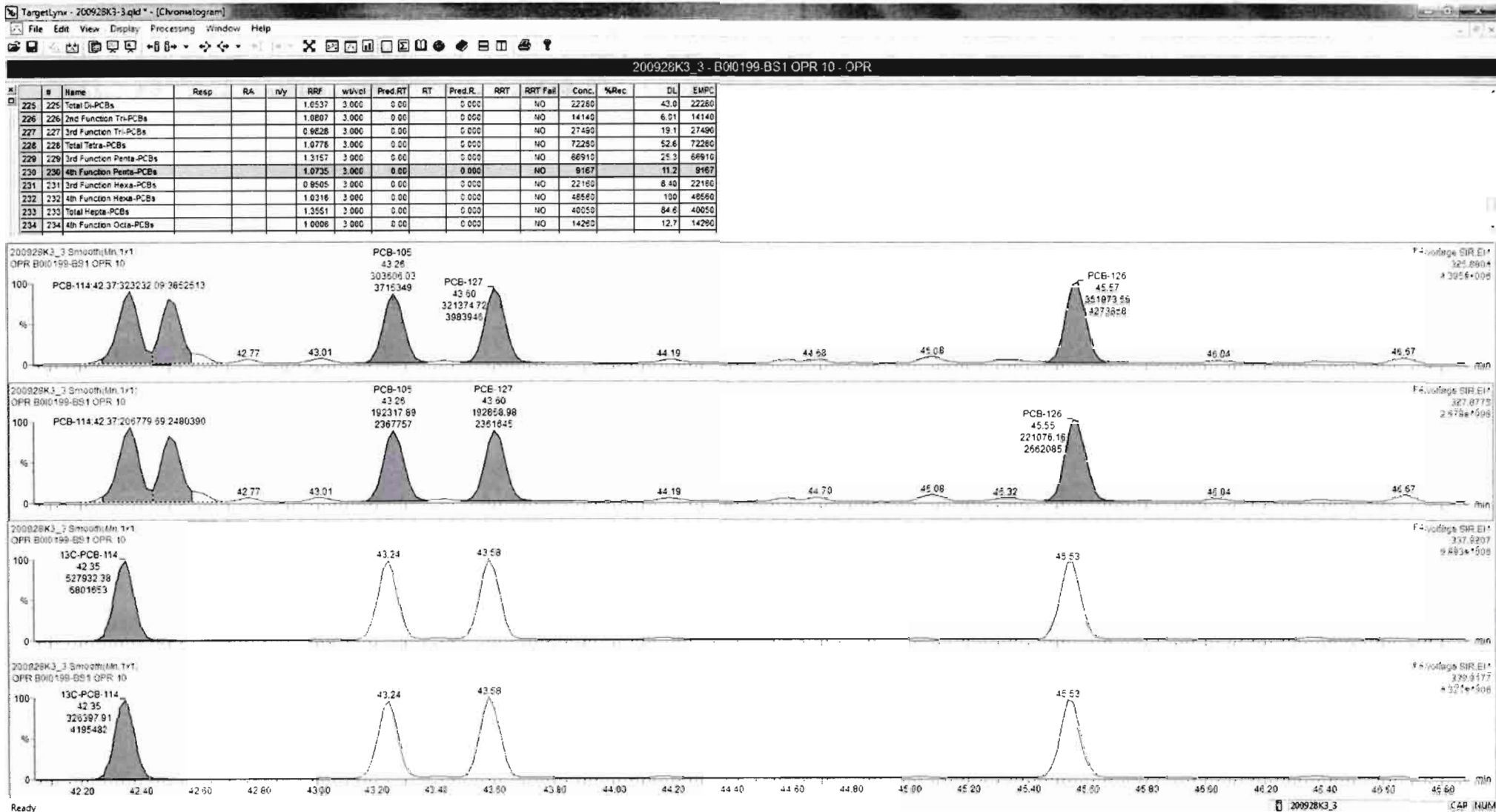


13C-PCB-114



PFK4a





Dataset: Untitled

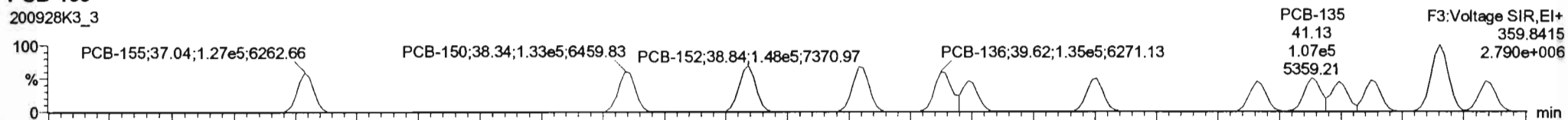
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

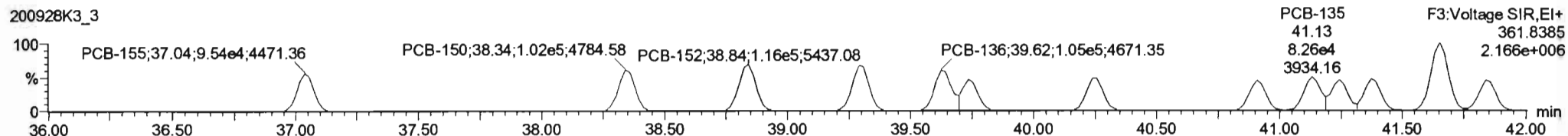
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-155

200928K3_3

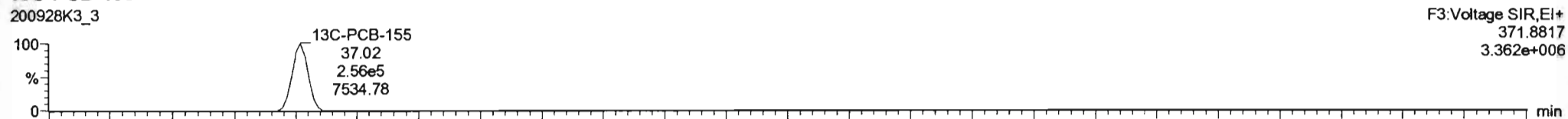


200928K3_3

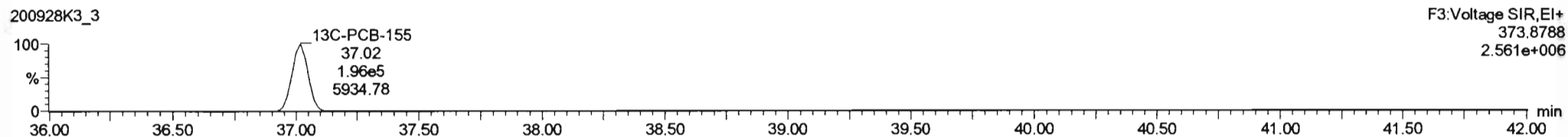


13C-PCB-155

200928K3_3

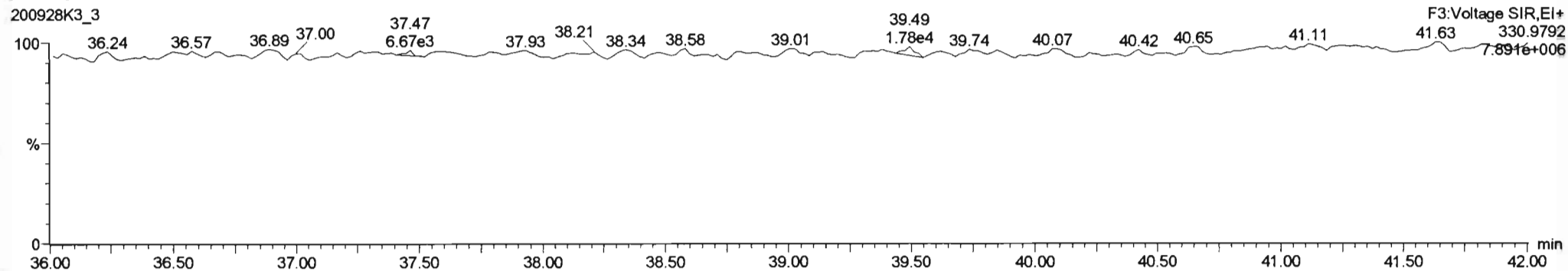


200928K3_3



PFK3c

200928K3_3

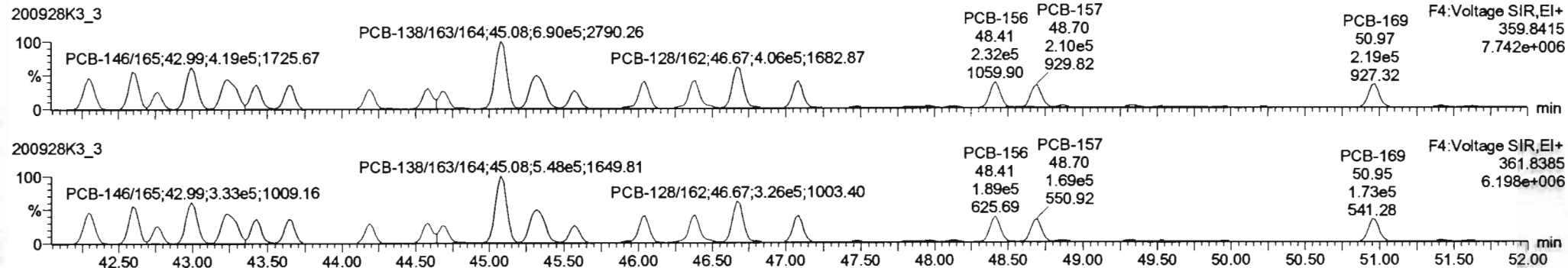


Dataset: Untitled

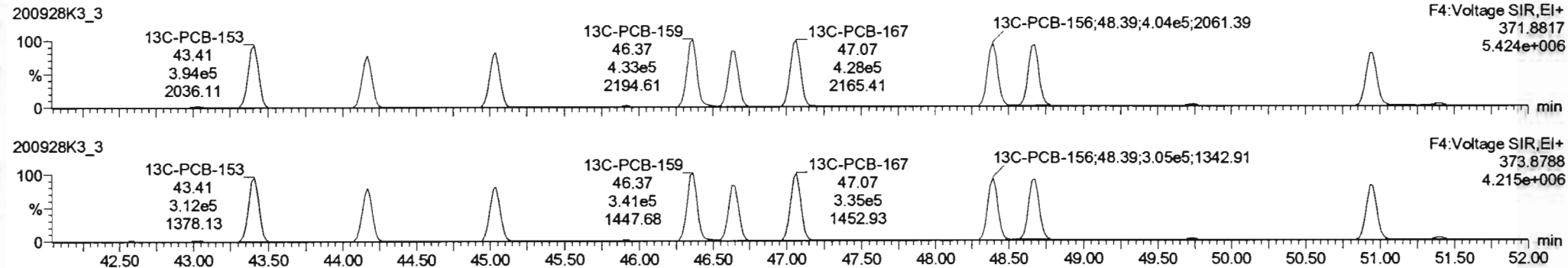
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
 Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

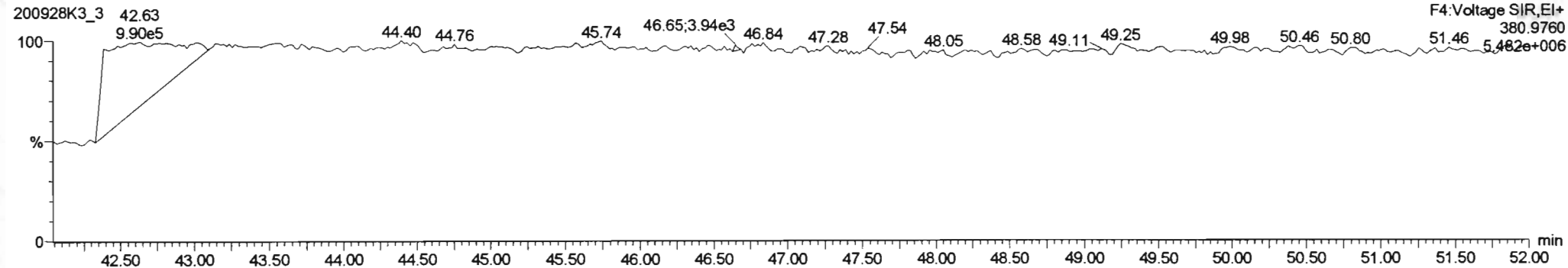
PCB-134/143



13C-PCB-153

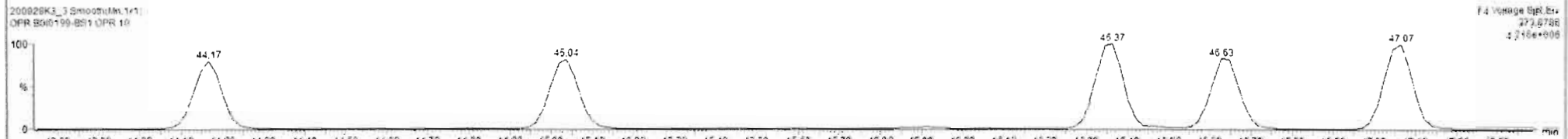
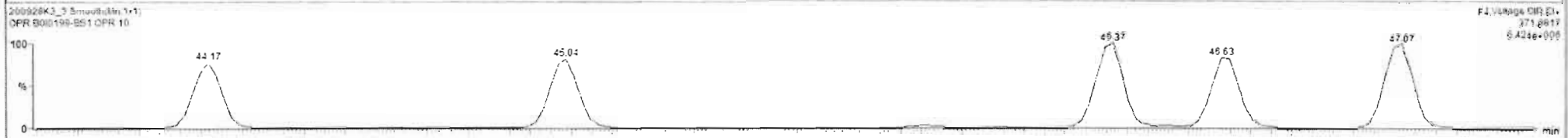
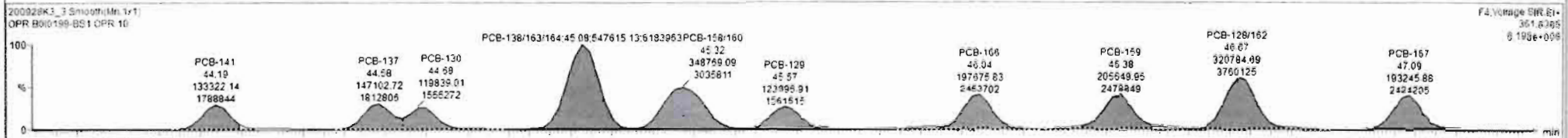
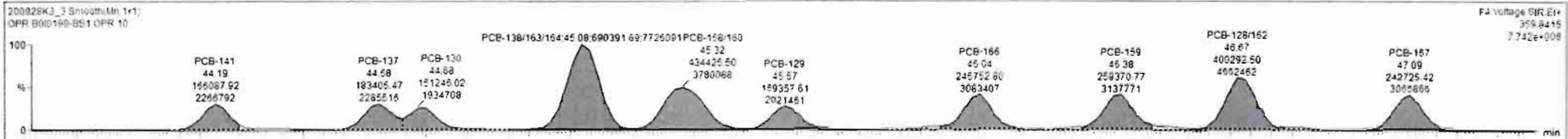


PFK4b



200928K3_3 - B00199-BS1 OPR 10 - OPR

#	Name	Reap	RA	n/y	RRF	wt/vol	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	3.000	0.00		0.000		NO	22280		43.0	22280
226	226 2nd Function Tri-PCBs				1.0607	3.000	0.00		0.000		NO	14140		6.31	14140
227	227 3rd Function Tri-PCBs				0.9628	3.000	0.00		0.000		NO	27490		19.1	27490
228	228 Total Tetra-PCBs				1.0778	3.000	0.00		0.000		NO	72280		52.6	72280
229	229 3rd Function Penta-PCBs				1.3157	3.000	0.00		0.000		NO	66910		25.3	66910
230	230 4th Function Penta-PCBs				1.0735	3.000	0.00		0.000		NO	9167		11.2	9167
231	231 3rd Function Hexa-PCBs				0.9505	3.000	0.00		0.000		NO	22160		8.40	22160
232	232 4th Function Hexa-PCBs				1.0216	3.000	0.00		0.000		NO	48170		100	48170
233	233 Total Hepta-PCBs				1.3551	3.000	0.00		0.000		NO	40050		84.6	40050
234	234 4th Function Octa-PCBs				1.0008	3.000	0.00		0.000		NO	14260		12.7	14260

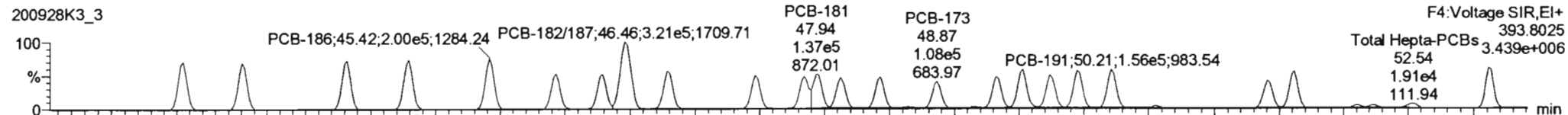


Dataset: Untitled

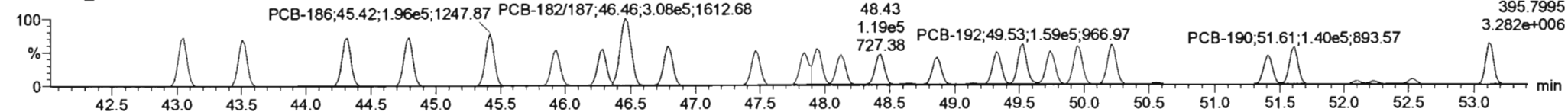
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

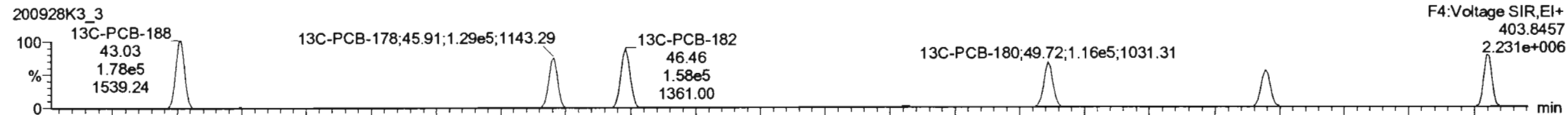
PCB-188



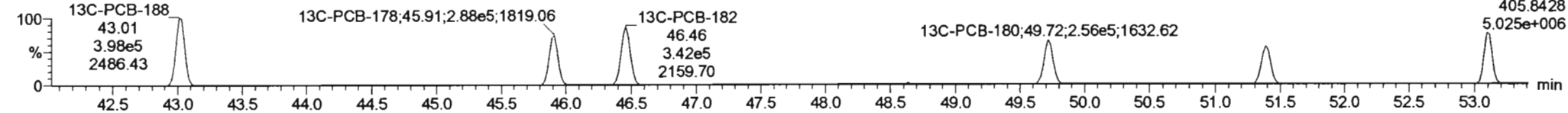
PCB-188



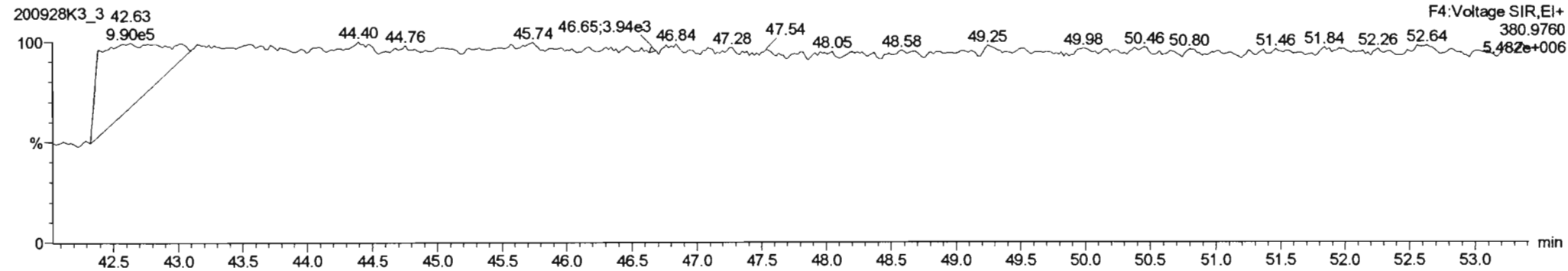
13C-PCB-188



13C-PCB-188



PFK4c



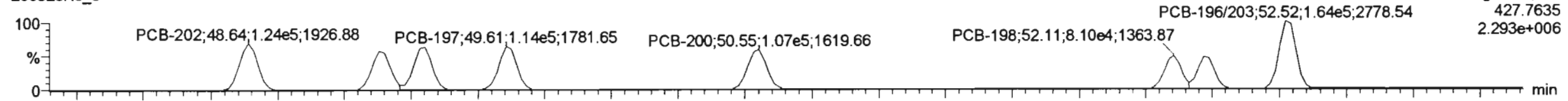
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

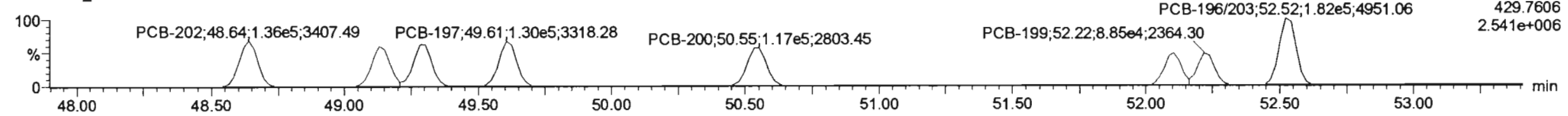
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-202

200928K3_3

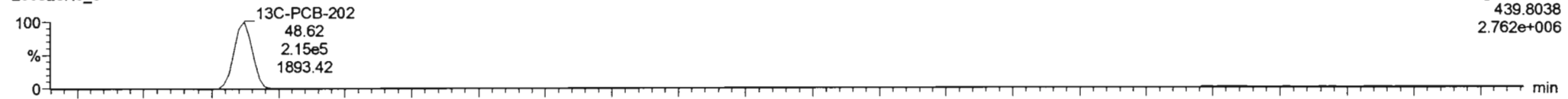


200928K3_3

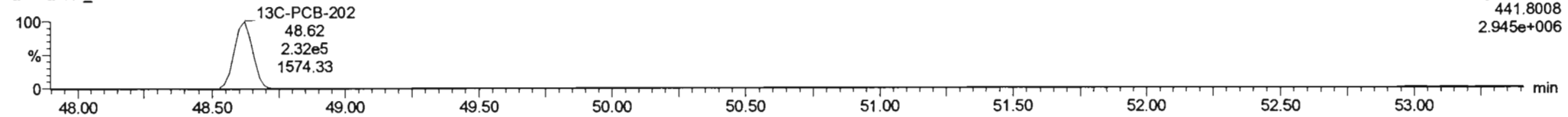


13C-PCB-202

200928K3_3

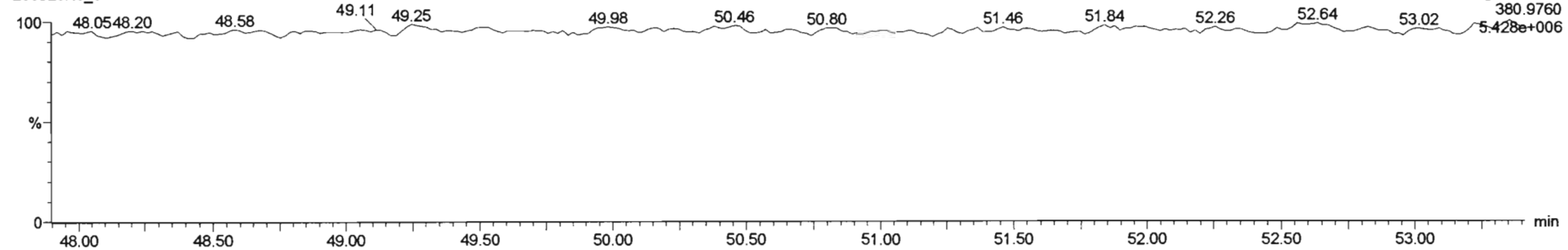


200928K3_3



PFK4d

200928K3_3



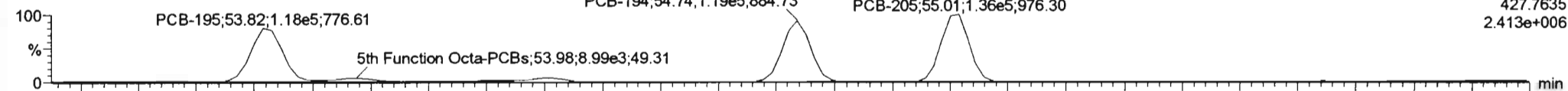
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

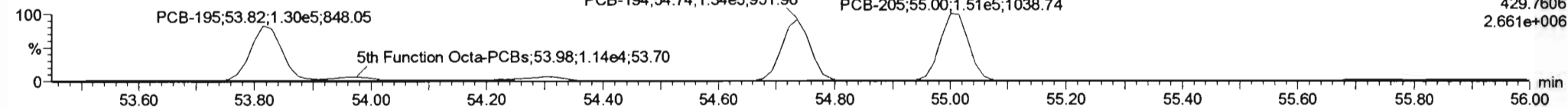
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-195

200928K3_3

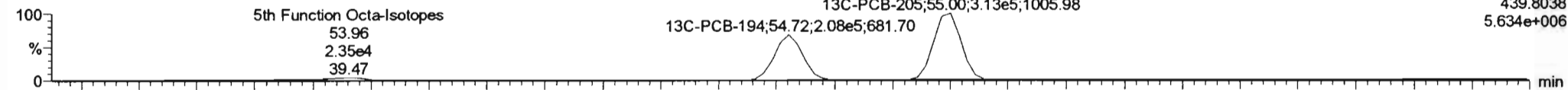


200928K3_3

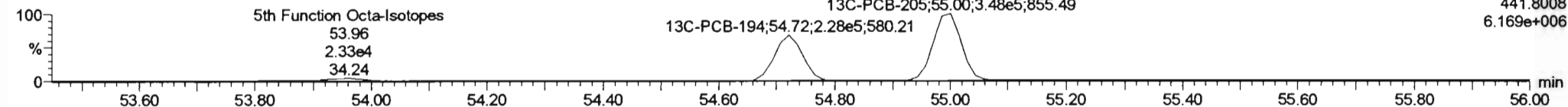


13C-PCB-194

200928K3_3

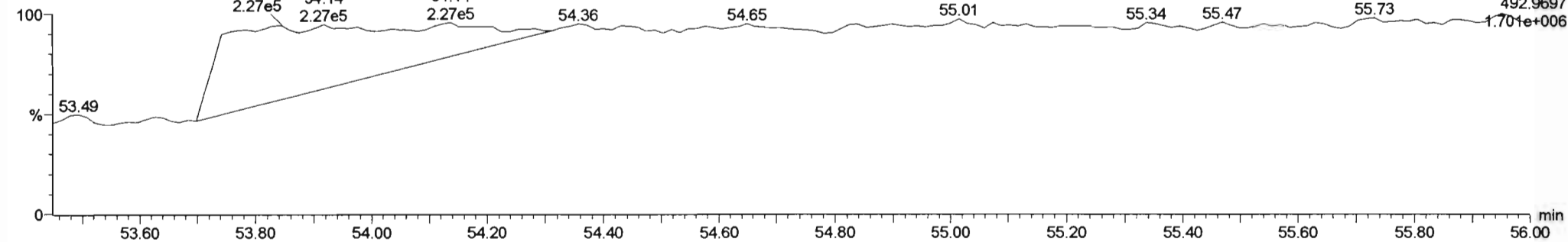


200928K3_3



PFK5a

200928K3_3



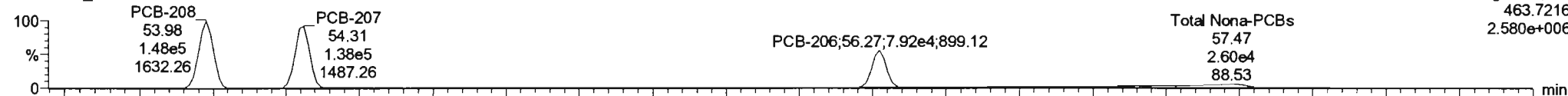
Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
 Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

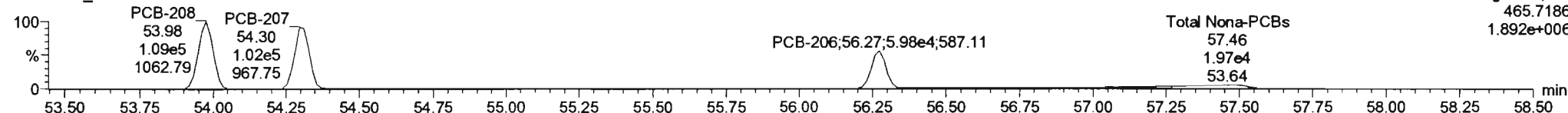
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-208

200928K3_3

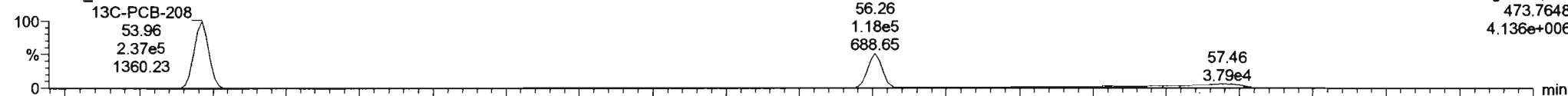


200928K3_3

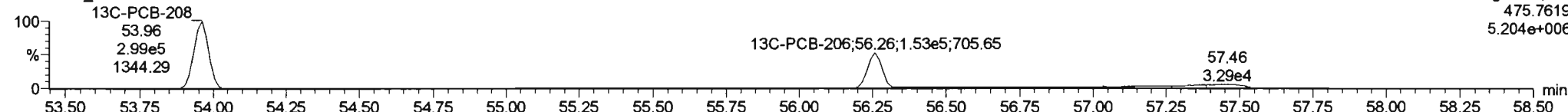


13C-PCB-208

200928K3_3

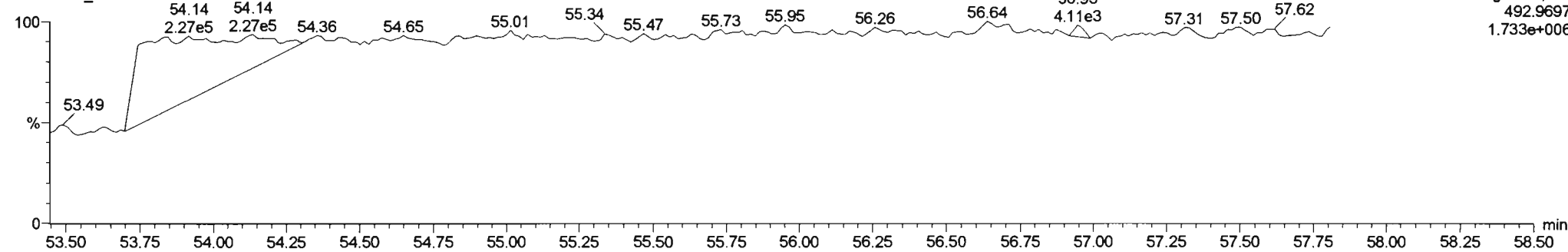


200928K3_3



PFK5

200928K3_3



Dataset: Untitled

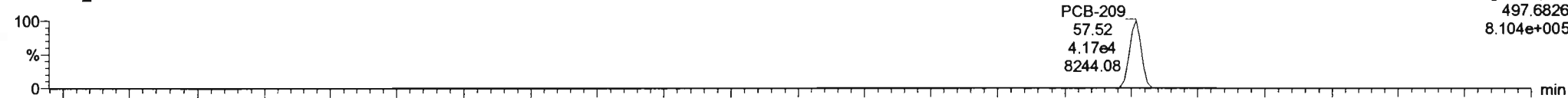
Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

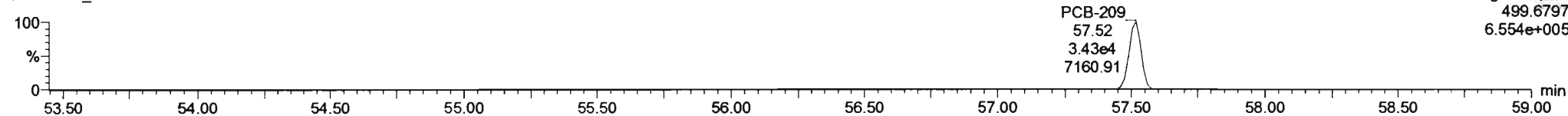
Name: 200928K3_3, Date: 28-Sep-2020, Time: 18:43:26, ID: B0I0199-BS1 OPR 10, Description: OPR

PCB-209

200928K3_3

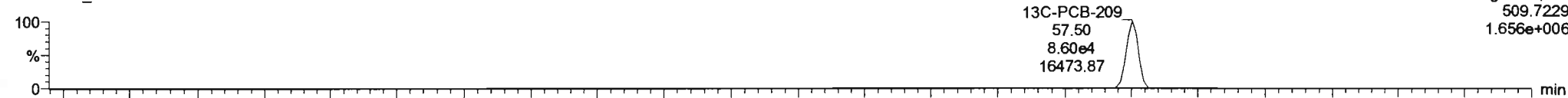


200928K3_3

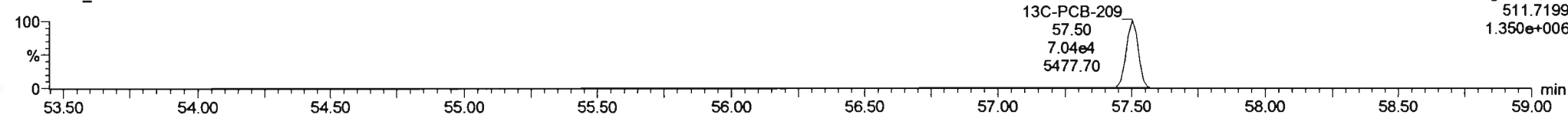


13C-PCB-209

200928K3_3

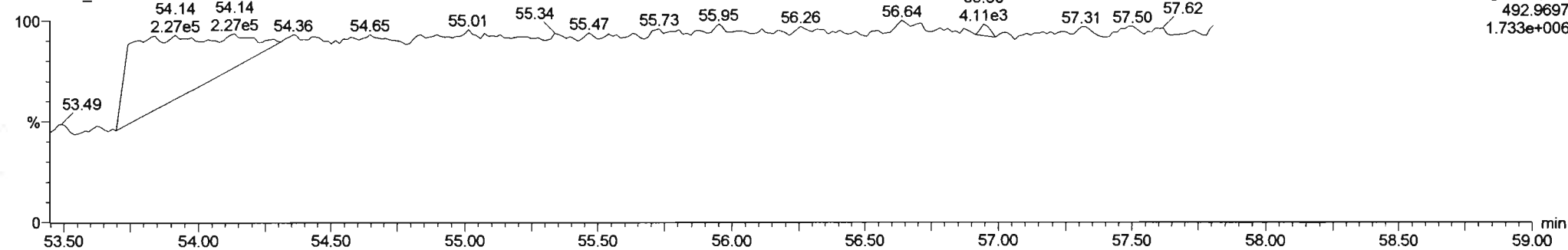


200928K3_3



PFK5b

200928K3_3



Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

Last Altered: Thursday, October 01, 2020 10:11:23 Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:17:00 Pacific Daylight Time

FIN 10/01/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

CT 10/02/2020

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1													1.14	
2	2 PCB-2	1.77e3	2.65	YES	1.18	1.523	18.00	18.00	0.988	0.988	NO	7.202		0.984	6.898
3	3 PCB-3	1.03e3	1.75	YES	1.15	1.523	18.22	18.24	1.001	1.001	NO	4.324		0.985	3.629
4	4 PCB-4/10			NO	1.25	1.523	19.64		1.004		YES			6.65	
5	5 PCB-7/9			NO	0.960	1.523	21.43		1.003		YES			5.62	
6	6 PCB-6			NO	1.02	1.523	22.08		1.033		YES			5.27	
7	7 PCB-5/8				0.992	1.523	22.49		1.052		YES			0.853	
8	8 PCB-14													6.20	
9	9 PCB-11													4.70	
10	10 PCB-12/13													5.15	
11	11 PCB-15			NO	1.03	1.523	25.56		1.030		YES			5.11	
12	12 PCB-19	2.11e3	1.11	NO	1.11	1.523	23.83	23.82	1.001	1.001	NO	17.51		1.73	17.51
13	13 PCB-30			NO	1.79	1.523	24.73		1.039		YES			1.07	
14	14 PCB-18	3.41e3	1.16	NO	0.818	1.523	25.49	25.49	0.952	0.952	NO	25.84		1.65	25.84
15	15 PCB-17	1.84e3	0.98	NO	0.758	1.523	25.68	25.67	0.959	0.959	NO	14.98		1.78	14.98
16	16 PCB-24/27	6.85e2	1.20	YES	1.08	1.523	26.27	26.25	0.981	0.980	NO	3.319		1.25	3.627
17	17 PCB-16/32	2.66e3	0.97	NO	0.925	1.523	26.80	26.79	1.001	1.000	NO	17.76		1.46	17.76
18	18 PCB-34			NO	0.945	1.523	27.62		0.959		YES			1.44	
19	19 PCB-23			NO	0.883	1.523	27.71		0.962		YES			1.54	
20	20 PCB-29			NO	0.893	1.523	27.97		0.971		YES			1.52	
21	21 PCB-26	2.18e3	1.17	NO	0.944	1.523	28.17	28.18	0.979	0.979	NO	11.66		1.44	11.65
22	22 PCB-25	1.28e3	1.53	YES	0.950	1.523	28.34	28.35	0.984	0.984	NO	6.788		1.43	5.463
23	23 PCB-31	9.11e3	0.99	NO	1.04	1.523	28.71	28.70	0.997	0.997	NO	44.30		1.31	44.30
24	24 PCB-28	1.12e4	1.06	NO	1.03	1.523	28.81	28.81	1.001	1.001	NO	54.93		1.33	54.93
25	25 PCB-20/21/33	5.38e3	1.04	NO	0.941	1.523	29.45	29.46	1.023	1.023	NO	28.78		1.45	28.78
26	26 PCB-22	2.80e3	1.19	NO	0.973	1.523	29.91	29.91	1.039	1.039	NO	14.52		1.40	14.52
27	27 PCB-36			NO	1.08	1.523	30.55		0.931		YES			1.52	
28	28 PCB-39			NO	0.988	1.523	31.02		0.946		YES			1.65	
29	29 PCB-38			NO	1.05	1.523	31.83		0.970		YES			1.55	
30	30 PCB-35			NO	1.04	1.523	32.37		0.987		YES			1.57	
31	31 PCB-37	3.44e3	1.09	NO	1.01	1.523	32.81	32.81	1.001	1.000	NO	19.84		1.62	19.84

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

Last Altered: Thursday, October 01, 2020 10:11:23 Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:17:00 Pacific Daylight Time

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
32	32 PCB-54	4.19e2	0.60	YES	1.08	1.523	27.66	27.66	1.001	1.001	NO	2.824		1.30	2.435
33	33 PCB-50			NO	0.880	1.523	28.86		1.044		YES			1.60	
34	34 PCB-53	1.86e3	0.60	YES	0.997	1.523	29.54	29.54	0.944	0.944	NO	16.15		1.77	14.22
35	35 PCB-51	1.45e3	0.77	NO	1.07	1.523	29.90	29.89	0.956	0.955	NO	12.05		1.65	12.05
36	36 PCB-45	7.21e2	0.70	NO	0.858	1.523	30.34	30.32	0.970	0.969	NO	7.424		2.05	7.424
37	37 PCB-46	4.55e2	0.68	NO	0.831	1.523	30.85	30.82	0.986	0.985	NO	4.835		2.12	4.835
38	38 PCB-52/69	1.20e4	0.73	NO	1.17	1.523	31.33	31.31	1.001	1.001	NO	90.94		1.51	90.94
39	39 PCB-73			NO	1.44	1.523	31.46		1.005		YES			1.22	
40	40 PCB-43/49	8.85e3	0.81	NO	1.02	1.523	31.61	31.62	1.010	1.011	NO	76.96		1.73	76.96
41	41 PCB-47	5.80e3	0.83	NO	0.922	1.523	31.83	31.83	1.001	1.001	NO	53.82		1.80	53.82
42	42 PCB-48/75	1.69e3	0.81	NO	1.12	1.523	31.94	31.96	1.004	1.005	NO	12.93		1.48	12.93
43	43 PCB-65			NO	1.28	1.523	32.22		1.013		YES			1.29	
44	44 PCB-62			NO	1.13	1.523	32.33		1.016		YES			1.47	
45	45 PCB-44	6.31e3	0.71	NO	0.824	1.523	32.67	32.65	1.027	1.026	NO	65.44		2.01	65.44
46	46 PCB-42/59	2.67e3	0.83	NO	1.05	1.523	32.88	32.89	1.033	1.034	NO	21.75		1.58	21.75
47	47 PCB-41/64/71/72	8.55e3	0.71	NO	1.19	1.523	33.50	33.48	1.053	1.053	NO	61.58		1.40	61.58
48	48 PCB-68	4.79e2	0.55	YES	1.28	1.523	33.77	33.74	1.062	1.061	NO	3.206		1.30	2.612
49	49 PCB-40	1.06e3	0.66	NO	0.602	1.523	33.99	33.97	1.069	1.068	NO	15.11		2.75	15.12
50	50 PCB-57	3.03e2	0.50	YES	1.16	1.523	34.34	34.34	0.969	0.969	NO	1.856		1.25	1.414
51	51 PCB-67	4.34e2	0.85	NO	1.08	1.523	34.65	34.66	0.978	0.978	NO	2.849		1.34	2.849
52	52 PCB-58	1.88e2	0.63	YES	1.20	1.523	34.77	34.81	0.981	0.982	NO	1.109		1.21	0.9830
53	53 PCB-63	6.73e2	0.75	NO	1.07	1.523	34.94	34.94	0.986	0.986	NO	4.466		1.36	4.466
54	54 PCB-74	6.15e3	0.80	NO	1.19	1.523	35.24	35.23	0.994	0.994	NO	36.91		1.23	36.91
55	55 PCB-61/70	1.49e4	0.80	NO	1.05	1.523	35.46	35.46	1.000	1.000	NO	100.7		1.38	100.7
56	56 PCB-76/66	1.36e4	0.82	NO	1.16	1.523	35.65	35.66	1.006	1.006	NO	83.18		1.25	83.18
57	57 PCB-80			NO	1.19	1.523	35.89		1.001		YES			1.17	
58	58 PCB-55			NO	1.17	1.523	36.22		1.010		YES			1.19	
59	59 PCB-56/60	6.41e3	0.74	NO	1.02	1.523	36.72	36.72	1.024	1.024	NO	43.72		1.36	43.72
60	60 PCB-79	7.20e2	0.71	NO	1.14	1.523	37.82	37.84	1.054	1.055	NO	4.392		1.22	4.392
61	61 PCB-78			NO	1.14	1.523	38.54		0.987		YES			1.35	
62	62 PCB-81	2.51e2	1.66	YES	1.05	1.523	39.09	39.12	1.000	1.001	NO	1.763		1.47	1.172
63	63 PCB-77	1.44e3	0.81	NO	1.14	1.523	39.70	39.70	1.000	1.000	NO	9.549		1.39	9.549
64	64 PCB-104			NO	1.12	1.523	32.50		1.001		YES			1.23	
65	65 PCB-96			NO	1.15	1.523	33.82		1.041		YES			1.20	

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Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103	4.89e2	1.45	NO	0.936	1.523	34.38	34.36	1.059	1.058	NO	4.842		1.47	4.842
67	67 PCB-100	5.74e2	1.63	NO	0.954	1.523	34.74	34.73	1.070	1.069	NO	5.587		1.45	5.587
68	68 PCB-94			NO	0.949	1.523	35.21		0.985		YES			1.96	
69	69 PCB-95/98/102	1.23e4	1.59	NO	1.20	1.523	35.69	35.77	0.999	1.001	NO	122.0		1.54	122.0
70	70 PCB-93			NO	0.935	1.523	35.82		1.003		YES			1.99	
71	71 PCB-88/91	2.61e3	1.48	NO	1.06	1.523	36.16	36.18	1.012	1.013	NO	29.37		1.74	29.37
72	72 PCB-121			NO	1.71	1.523	36.26		1.015		YES			1.09	
73	73 PCB-84/92	6.10e3	1.57	NO	1.02	1.523	37.11	37.11	0.990	0.990	NO	74.28		1.85	74.28
74	74 PCB-89			NO	1.11	1.523	37.29		0.995		YES			1.70	
75	75 PCB-90/101	1.76e4	1.65	NO	1.12	1.523	37.49	37.50	1.000	1.000	NO	194.5		1.68	194.5
76	76 PCB-113			NO	1.51	1.523	37.75		1.007		YES			1.24	
77	77 PCB-99	9.68e3	1.58	NO	1.32	1.523	37.83	37.84	1.009	1.009	NO	90.73		1.42	90.73
78	78 PCB-119	1.16e3	1.60	NO	1.81	1.523	38.32	38.32	0.987	0.987	NO	8.990		1.17	8.990
79	79 PCB-108/112			NO	1.44	1.523	38.48		0.991		YES			1.47	
80	80 PCB-83			NO	1.83	1.523	38.63		0.995		YES			1.16	
81	81 PCB-97	4.53e3	1.45	NO	1.28	1.523	38.84	38.84	1.000	1.000	NO	49.45		1.65	49.45
82	82 PCB-86			NO	1.12	1.523	38.98		1.004		YES			1.90	
83	83 PCB-87/117/125	5.65e3	1.60	NO	1.56	1.523	39.13	39.14	1.008	1.008	NO	50.69		1.36	50.69
84	84 PCB-111/115	3.05e2	0.95	YES	1.91	1.523	39.29	39.31	1.012	1.013	NO	2.231		1.71	1.780
85	85 PCB-85/116	2.55e3	1.53	NO	1.41	1.523	39.42	39.42	1.015	1.015	NO	25.25		1.50	25.25
86	86 PCB-120	3.68e2	0.96	YES	2.01	1.523	39.67	39.66	1.022	1.022	NO	2.571		1.06	2.066
87	87 PCB-110	2.36e4	1.59	NO	1.74	1.523	39.83	39.83	1.026	1.026	NO	189.6		1.22	189.6
88	88 PCB-82	1.47e3	1.87	YES	0.781	1.523	40.47	40.46	0.976	0.976	NO	19.77		2.07	17.66
89	89 PCB-124	9.33e2	1.29	YES	1.40	1.523	41.17	41.19	0.993	0.993	NO	7.037		1.16	6.513
90	90 PCB-107/109	1.77e3	1.66	NO	1.34	1.523	41.32	41.34	0.996	0.997	NO	13.91		1.20	13.91
91	91 PCB-123	3.63e2	1.32	YES	1.20	1.523	41.49	41.50	1.000	1.001	NO	3.192		1.35	2.984
92	92 PCB-106/118	1.87e4	1.58	NO	1.22	1.523	41.71	41.69	1.001	1.000	NO	152.1		1.31	152.1
93	93 PCB-114	5.88e2	1.88	YES	1.14	1.523	42.35	42.37	1.000	1.001	NO	4.406		1.05	3.922
94	94 PCB-122			NO	0.944	1.523	42.50		1.004		YES			2.35	
95	95 PCB-105	7.64e3	1.60	NO	1.05	1.523	43.24	43.26	1.000	1.001	NO	59.94		2.08	59.94
96	96 PCB-127			NO	1.06	1.523	43.60		1.000		YES			1.94	
97	97 PCB-126			NO	1.17	1.523	45.55		1.000		YES			2.00	
98	98 PCB-155			NO	1.04	1.523	37.02		1.000		YES			1.25	
99	99 PCB-150			NO	1.08	1.523	38.34		1.036		YES			1.20	

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Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	1... PCB-152			NO	1.19	1.523	38.83		1.049		YES			1.10	
101	1... PCB-145			NO	1.19	1.523	39.28		1.062		YES			1.09	
102	1... PCB-136	2.98e3	1.23	NO	1.02	1.523	39.63	39.62	1.071	1.071	NO	36.73		1.27	36.73
103	1... PCB-148			NO	0.842	1.523	39.74		1.074		YES			1.54	
104	1... PCB-154	6.17e2	0.96	YES	0.919	1.523	40.24	40.24	1.088	1.087	NO	8.441		1.41	7.456
105	1... PCB-151	4.20e3	1.15	NO	0.787	1.523	40.91	40.91	1.106	1.106	NO	67.06		1.65	67.06
106	1... PCB-135	2.24e3	1.21	NO	0.922	1.523	41.13	41.13	1.112	1.112	NO	30.55		1.41	30.55
107	1... PCB-144	8.26e2	1.09	NO	0.789	1.523	41.23	41.22	1.114	1.114	NO	13.15		1.65	13.15
108	1... PCB-147	5.28e2	1.97	YES	0.834	1.523	41.38	41.37	1.118	1.118	NO	7.945		1.58	5.984
109	1... PCB-139/149	1.56e4	1.30	NO	0.948	1.523	41.64	41.63	1.125	1.125	NO	206.3		1.37	206.3
110	1... PCB-140			NO	0.794	1.523	41.88		1.132		YES			1.64	
111	1... PCB-134/143	1.05e3	1.07	NO	0.759	1.523	42.29	42.29	0.975	0.975	NO	13.49		1.26	13.49
112	1... PCB-131/133	7.42e2	1.37	NO	0.821	1.523	42.59	42.60	0.982	0.982	NO	8.805		1.17	8.805
113	1... PCB-142			NO	0.754	1.523	42.74		0.985		YES			1.27	
114	1... PCB-146/165	5.18e3	1.20	NO	1.02	1.523	42.97	43.01	0.990	0.991	NO	49.64		0.941	49.64
115	1... PCB-132/161	6.65e3	1.18	NO	1.02	1.523	43.22	43.28	0.996	0.997	NO	63.28		0.934	63.27
116	1... PCB-153	2.91e4	1.24	NO	1.07	1.523	43.41	43.41	1.000	1.000	NO	264.6		0.893	264.6
117	1... PCB-168			NO	1.08	1.523	43.64		1.006		YES			0.888	
118	1... PCB-141	4.37e3	1.35	NO	1.03	1.523	44.17	44.19	1.000	1.001	NO	50.82		1.17	50.83
119	1... PCB-137	8.90e2	0.80	YES	1.11	1.523	44.56	44.57	1.009	1.009	NO	9.571		1.06	7.659
120	1... PCB-130	1.46e3	1.39	NO	0.885	1.523	44.68	44.68	1.012	1.012	NO	19.76		1.35	19.76
121	1... PCB-138/163/164	2.86e4	1.23	NO	1.28	1.523	45.06	45.06	1.001	1.001	NO	263.2		0.914	263.2
122	1... PCB-158/160	2.93e3	1.58	YES	1.24	1.523	45.30	45.29	1.006	1.006	NO	27.84		0.946	24.26
123	1... PCB-129	8.16e2	1.20	NO	0.867	1.523	45.55	45.57	1.012	1.012	NO	11.14		1.35	11.14
124	1... PCB-166			NO	1.14	1.523	46.03		0.993		YES			0.852	
125	1... PCB-159			NO	1.22	1.523	46.37		1.000		YES			0.800	
126	1... PCB-128/162	3.29e3	1.39	NO	0.907	1.523	46.68	46.67	1.007	1.007	NO	34.94		1.07	34.94
127	1... PCB-167	1.11e3	1.18	NO	1.11	1.523	47.07	47.09	1.000	1.001	NO	9.734		0.862	9.734
128	1... PCB-156	2.62e3	1.16	NO	1.13	1.523	48.41	48.39	1.000	1.000	NO	23.43		0.930	23.43
129	1... PCB-157	6.00e2	1.49	YES	1.04	1.523	48.68	48.68	1.000	1.000	NO	5.651		0.955	5.085
130	1... PCB-169			NO	1.16	1.523	50.95		1.000		YES			0.911	
131	1... PCB-188			NO	1.29	1.523	43.05		1.001		YES			0.639	
132	1... PCB-184			NO	1.23	1.523	43.48		1.011		YES			0.669	
133	1... PCB-179	4.47e3	1.13	NO	1.30	1.523	44.31	44.30	1.030	1.030	NO	40.02		0.635	40.02

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	1... PCB-176	1.44e3	1.29	YES	1.31	1.523	44.77	44.79	1.041	1.041	NO	12.62		0.620	11.45
135	1... PCB-186			NO	1.33	1.523	45.40		1.056		YES			0.620	
136	1... PCB-178	1.75e3	1.12	NO	0.943	1.523	45.91	45.91	1.067	1.067	NO	21.59		0.873	21.59
137	1... PCB-175	2.94e2	2.12	YES	0.956	1.523	46.27	46.27	1.076	1.076	NO	3.577		0.862	2.348
138	1... PCB-182/187	1.06e4	0.96	NO	1.07	1.523	46.48	46.44	1.081	1.080	NO	115.7		0.773	115.7
139	1... PCB-183	4.23e3	0.94	NO	1.02	1.523	46.78	46.78	1.088	1.088	NO	48.06		0.806	48.06
140	1... PCB-185	8.92e2	0.66	YES	1.41	1.523	47.46	47.47	0.955	0.955	NO	11.06		0.809	8.592
141	1... PCB-174	7.31e3	1.04	NO	1.35	1.523	47.86	47.84	0.963	0.962	NO	94.28		0.933	94.28
142	1... PCB-181			NO	1.47	1.523	47.96		0.965		YES			0.857	
143	1... PCB-177	4.13e3	1.05	NO	1.28	1.523	48.13	48.11	0.968	0.968	NO	56.41		0.989	56.41
144	1... PCB-171	1.89e3	1.07	NO	1.32	1.523	48.43	48.41	0.974	0.974	NO	25.09		0.960	25.09
145	1... PCB-173	1.94e2	1.32	YES	1.19	1.523	48.86	48.85	0.983	0.983	NO	2.850		1.06	2.520
146	1... PCB-172	1.04e3	0.78	YES	1.38	1.523	49.34	49.32	0.992	0.992	NO	13.16		0.948	11.24
147	1... PCB-192			NO	1.83	1.523	49.53		0.996		YES			0.691	
148	1... PCB-180	1.57e4	1.02	NO	1.41	1.523	49.74	49.74	1.000	1.000	NO	194.4		0.895	194.4
149	1... PCB-193	1.15e3	1.20	NO	1.68	1.523	49.96	49.95	1.005	1.005	NO	11.96		0.753	11.96
150	1... PCB-191	3.56e2	1.12	NO	1.71	1.523	50.23	50.21	1.010	1.010	NO	3.638		0.739	3.638
151	1... PCB-170	5.79e3	1.17	NO	1.40	1.523	51.41	51.40	1.000	1.000	NO	85.18		1.04	85.18
152	1... PCB-190	1.59e3	1.27	YES	1.85	1.523	51.62	51.60	1.005	1.004	NO	17.63		0.797	15.98
153	1... PCB-189	4.33e2	1.01	NO	1.45	1.523	53.11	53.13	1.000	1.001	NO	4.739		0.679	4.739
154	1... PCB-202	1.91e3	0.83	NO	1.17	1.523	48.64	48.64	1.001	1.001	NO	21.65		0.663	21.65
155	1... PCB-201	7.33e2	0.93	NO	1.05	1.523	49.13	49.13	1.011	1.011	NO	9.221		0.735	9.221
156	1... PCB-204			NO	1.14	1.523	49.28		1.014		YES			0.678	
157	1... PCB-197	2.33e2	0.55	YES	1.13	1.523	49.60	49.57	1.021	1.020	NO	2.721		0.683	2.054
158	1... PCB-200	6.27e2	0.99	NO	1.07	1.523	50.54	50.53	1.040	1.040	NO	7.757		0.723	7.757
159	1... PCB-198	1.51e2	0.75	YES	0.794	1.523	52.08	52.11	1.072	1.072	NO	2.522		0.975	2.297
160	1... PCB-199	5.87e3	0.94	NO	0.809	1.523	52.22	52.22	1.074	1.074	NO	96.10		0.956	96.10
161	1... PCB-196/203	5.42e3	0.99	NO	0.838	1.523	52.52	52.52	1.081	1.081	NO	85.64		0.923	85.64
162	1... PCB-195	1.34e3	1.09	YES	1.04	1.523	53.83	53.81	0.984	0.983	NO	20.40		1.42	18.45
163	1... PCB-194	4.23e3	0.92	NO	1.12	1.523	54.74	54.74	1.000	1.000	NO	60.37		1.33	60.37
164	1... PCB-205	2.50e2	0.84	NO	1.29	1.523	55.01	55.01	1.005	1.005	NO	3.093		1.15	3.093
165	1... PCB-208	3.64e3	1.19	NO	0.933	1.523	53.96	53.96	1.000	1.000	NO	49.90		1.33	49.90
166	1... PCB-207	9.42e2	1.56	YES	0.916	1.523	54.30	54.30	1.007	1.007	NO	13.14		1.26	12.00
167	1... PCB-206	8.07e3	1.44	NO	1.01	1.523	56.28	56.27	1.000	1.000	NO	162.0		1.87	162.0

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
168	1... PCB-209	7.12e3	1.09	NO	0.986	1.523	57.50	57.50	1.000	1.000	NO	153.0		0.680	153.0
169	1... 13C-PCB-1	1.30e6	3.20	NO	0.893	1.523	15.54	15.56	0.608	0.609	NO	5324	81.1	7.33	
170	1... 13C-PCB-3	1.37e6	3.08	NO	0.911	1.523	18.19	18.21	0.712	0.713	NO	5506	83.9	7.19	
171	1... 13C-PCB-4	8.82e5	1.60	NO	0.600	1.523	19.55	19.56	0.765	0.765	NO	5398	82.2	3.15	
172	1... 13C-PCB-9	1.42e6	1.57	NO	0.970	1.523	21.38	21.37	0.837	0.836	NO	5381	81.9	1.95	
173	1... 13C-PCB-11	1.53e6	1.60	NO	0.962	1.523	24.83	24.83	0.972	0.972	NO	5847	89.0	1.97	
174	1... 13C-PCB-19	7.17e5	1.04	NO	0.499	1.523	23.79	23.80	0.931	0.931	NO	5273	80.3	35.1	
175	1... 13C-PCB-32	1.06e6	1.04	NO	0.744	1.523	26.78	26.78	1.048	1.048	NO	5232	79.7	23.6	
176	1... 13C-PCB-28	1.30e6	1.03	NO	1.06	1.523	28.77	28.79	1.003	1.004	NO	5531	84.2	22.0	
177	1... 13C-PCB-37	1.13e6	1.01	NO	0.989	1.523	32.77	32.79	1.143	1.143	NO	5152	78.5	23.6	
178	1... 13C-PCB-54	9.02e5	0.80	NO	0.999	1.523	27.63	27.64	0.753	0.753	NO	5379	81.9	5.84	
179	1... 13C-PCB-52	7.43e5	0.78	NO	0.804	1.523	31.26	31.29	0.852	0.853	NO	5506	83.8	7.26	
180	1... 13C-PCB-47	7.68e5	0.78	NO	0.857	1.523	31.78	31.81	0.866	0.867	NO	5334	81.2	6.81	
181	1... 13C-PCB-70	9.22e5	0.79	NO	0.996	1.523	35.43	35.44	0.965	0.965	NO	5519	84.0	5.86	
182	1... 13C-PCB-80	9.45e5	0.79	NO	1.03	1.523	35.87	35.87	0.977	0.977	NO	5477	83.4	5.68	
183	1... 13C-PCB-81	8.93e5	0.79	NO	0.988	1.523	39.06	39.07	1.064	1.064	NO	5387	82.0	5.91	
184	1... 13C-PCB-77	8.70e5	0.78	NO	0.969	1.523	39.67	39.68	1.081	1.081	NO	5348	81.4	6.02	
185	1... 13C-PCB-104	7.08e5	1.61	NO	1.02	1.523	32.46	32.48	0.827	0.827	NO	5585	85.1	2.45	
186	1... 13C-PCB-95	5.49e5	1.56	NO	0.805	1.523	35.74	35.74	0.910	0.910	NO	5465	83.2	3.09	
187	1... 13C-PCB-101	5.30e5	1.51	NO	0.793	1.523	37.49	37.48	0.955	0.955	NO	5365	81.7	3.14	
188	1... 13C-PCB-97	4.69e5	1.63	NO	0.696	1.523	38.83	38.82	0.989	0.989	NO	5406	82.3	3.57	
189	1... 13C-PCB-123	6.23e5	1.54	NO	0.933	1.523	41.47	41.47	1.056	1.056	NO	5361	81.6	2.67	
190	1... 13C-PCB-118	6.63e5	1.63	NO	0.986	1.523	41.66	41.67	1.061	1.061	NO	5398	82.2	2.52	
191	1... 13C-PCB-114	7.67e5	1.61	NO	1.55	1.523	42.33	42.33	0.908	0.908	NO	5722	87.1	5.27	
192	1... 13C-PCB-105	7.96e5	1.60	NO	1.57	1.523	43.22	43.22	0.927	0.927	NO	5838	88.9	5.18	
193	1... 13C-PCB-127	8.42e5	1.61	NO	1.62	1.523	43.56	43.58	0.934	0.935	NO	5973	91.0	5.01	
194	1... 13C-PCB-126	7.38e5	1.52	NO	1.57	1.523	45.53	45.53	0.976	0.976	NO	5430	82.7	5.19	
195	1... 13C-PCB-155	5.23e5	1.35	NO	0.615	1.523	36.99	37.00	0.942	0.942	NO	6821	104	1.64	
196	1... 13C-PCB-153	6.74e5	1.26	NO	1.36	1.523	43.39	43.39	0.930	0.930	NO	5697	86.8	5.39	
197	1... 13C-PCB-141	5.50e5	1.30	NO	1.13	1.523	44.15	44.15	0.947	0.947	NO	5619	85.6	6.53	
198	1... 13C-PCB-138	5.55e5	1.29	NO	1.18	1.523	45.02	45.02	0.965	0.965	NO	5402	82.3	6.21	
199	1... 13C-PCB-159	6.81e5	1.26	NO	1.44	1.523	46.34	46.35	0.994	0.994	NO	5457	83.1	5.11	
200	2... 13C-PCB-167	6.77e5	1.29	NO	1.44	1.523	47.05	47.05	1.009	1.009	NO	5420	82.5	5.11	
201	2... 13C-PCB-156	6.52e5	1.29	NO	1.40	1.523	48.37	48.39	1.037	1.038	NO	5381	81.9	5.27	

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

Last Altered: Thursday, October 01, 2020 10:11:23 Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:17:00 Pacific Daylight Time

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	2... 13C-PCB-157	6.71e5	1.32	NO	1.40	1.523	48.66	48.66	1.043	1.043	NO	5539	84.3	5.27	
203	2... 13C-PCB-169	6.47e5	1.27	NO	1.33	1.523	50.93	50.93	1.092	1.092	NO	5601	85.3	5.53	
204	2... 13C-PCB-188	5.65e5	0.46	NO	1.41	1.523	43.03	43.01	0.926	0.926	NO	5639	85.9	4.37	
205	2... 13C-PCB-180	3.76e5	0.45	NO	0.929	1.523	49.72	49.72	1.070	1.070	NO	5697	86.8	6.63	
206	2... 13C-PCB-170	3.19e5	0.46	NO	0.794	1.523	51.38	51.39	1.106	1.106	NO	5646	86.0	7.75	
207	2... 13C-PCB-189	4.13e5	0.45	NO	1.04	1.523	53.11	53.09	1.143	1.143	NO	5563	84.7	5.89	
208	2... 13C-PCB-202	4.96e5	0.93	NO	1.04	1.523	48.62	48.60	1.046	1.046	NO	6740	103	5.20	
209	2... 13C-PCB-194	4.12e5	0.89	NO	0.768	1.523	54.71	54.72	0.995	0.995	NO	5118	77.9	10.4	
210	2... 13C-PCB-208	5.14e5	0.79	NO	0.991	1.523	53.95	53.95	0.981	0.981	NO	4946	75.3	6.80	
211	2... 13C-PCB-206	3.25e5	0.78	NO	0.552	1.523	56.24	56.26	1.023	1.023	NO	5610	85.4	12.2	
212	2... 13C-PCB-209	3.10e5	1.20	NO	0.396	1.523	57.49	57.50	1.046	1.046	NO	7455	114	1.52	
213	2... 13C-PCB-15	1.79e6	1.55	NO	1.00	1.523	25.54	25.55	1.000	0.000	NO	6566	100	1.89	
214	2... 13C-PCB-31	1.45e6	1.05	NO	1.00	1.523	28.69	28.68	1.000	0.000	NO	6566	100	23.4	
215	2... 13C-PCB-60	1.10e6	0.79	NO	1.00	1.523	36.71	36.70	1.000	0.000	NO	6566	100	5.84	
216	2... 13C-PCB-111	8.19e5	1.58	NO	1.00	1.523	39.27	39.27	1.000	0.000	NO	6566	100	2.49	
217	2... 13C-PCB-128	5.69e5	1.27	NO	1.00	1.523	46.64	46.63	1.000	0.000	NO	6566	100	7.36	
218	2... 13C-PCB-182	4.67e5	0.46	NO	1.00	1.523	46.45	46.46	0.000	0.000	NO	6566	100	6.16	
219	2... 13C-PCB-205	6.88e5	0.91	NO	1.00	1.523	54.99	54.99	1.000	0.000	NO	6566	100	8.00	
220	2... 13C-PCB-79	1.01e6	0.81	NO	1.07	1.523	37.80	37.80	1.030	1.030	NO	5622	85.6	5.46	
221	2... 13C-PCB-178	3.86e5	0.45	NO	0.766	1.523	45.91	45.89	0.988	0.988	NO	5812	88.5	6.44	
222	2... 13C-PCB-79	1.01e6	0.81	NO	1.08	1.523	37.80	37.80	0.968	0.968	NO	6858	104	6.84	
223	2... 13C-PCB-178	3.86e5	0.45	NO	1.05	1.523	45.91	45.89	0.923	0.923	NO	6416	97.7	7.24	
224	2... Total Mono-PCBs				1.17	1.523	0.00		0.000		NO	0.0000		1.96	10.53
225	2... Total Di-PCBs				1.05	1.523	0.00		0.000		NO			22.5	6.65
226	2... 2nd Function Tri-PCBs				1.08	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	2... 3rd Function Tri-PCBs				0.983	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	2... Total Tetra-PCBs				1.08	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	2... 3rd Function Penta-PCBs				1.32	1.523	0.00		0.000		NO	1011		42.2	1042
230	2... 4th Function Penta-PCBs				1.07	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	2... 3rd Function Hexa-PCBs				0.951	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	2... 4th Function Hexa-PCBs				1.03	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	2... Total Hepta-PCBs				1.36	1.523	0.00		0.000		NO	701.1		18.7	753.2
234	2... 4th Function Octa-PCBs				1.00	1.523	0.00		0.000		NO	220.4		6.34	224.7
235	2... 5th Function Octa-PCBs				1.15	1.523	0.00		0.000		NO	63.46		3.91	81.91

Handwritten notes on the right side of the table:
 - Next to row 226: >250.09 -
 - Next to row 227: >1070.94 -
 - Next to row 228: >1166.5 -
 - Next to row 229: >283.86 -
 - Next to row 224: >259.21 -
 - Next to row 225: >1105.86 -
 - Next to row 226: >1217 -
 - Next to row 227: >306.61 -

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

Last Altered: Thursday, October 01, 2020 10:11:23 Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:17:00 Pacific Daylight Time

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMP
236	2... Total Nona-PCBs				0.952	1.523	0.00		0.000		NO	211.9		4.56	223.9
237	2... Deca-CB				0.986	1.523	0.00		0.000		NO	153.0		0.680	153.0

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Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

Last Altered: Thursday, October 01, 2020 10:11:23 Pacific Daylight Time

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
 Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-01 NCPDI-009SG-200923 10; Description: NCPDI-009SG-200923

Total Mono-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-2	18.00	18.00	1.993e4	7.114e3	1.287e3	4.861e2	2.65	YES	1.773e3	0.00000	6.8980	0.964
2	PCB-3	18.22	18.24	8.568e3	5.341e3	6.572e2	3.760e2	1.75	YES	1.033e3	0.00000	3.6290	0.993

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

2nd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-19	23.83	23.82	1.794e4	1.410e4	1.111e3	1.003e3	1.11	NO	2.114e3	17.507	17.507	1.73
2	PCB-18	25.49	25.49	2.672e4	2.575e4	1.837e3	1.576e3	1.16	NO	3.413e3	25.837	25.837	1.65
3	PCB-17	25.68	25.67	1.370e4	1.336e4	9.084e2	9.270e2	0.98	NO	1.835e3	14.981	14.981	1.78
4	PCB-24/27	26.27	26.25	5.302e3	4.366e3	3.742e2	3.108e2	1.20	YES	6.850e2	0.00000	3.6270	1.25
5	PCB-16/32	26.80	26.79	1.400e4	1.329e4	1.309e3	1.346e3	0.97	NO	2.655e3	17.762	17.762	1.46

3rd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.17	28.18	1.590e4	1.318e4	1.176e3	1.007e3	1.17	NO	2.184e3	11.655	11.655	1.44
2	PCB-25	28.34	28.35	8.779e3	6.198e3	7.749e2	5.049e2	1.53	YES	1.280e3	0.00000	5.4630	1.43
3	PCB-31	28.71	28.70	5.989e4	6.463e4	4.535e3	4.577e3	0.99	NO	9.112e3	44.303	44.303	1.31
4	PCB-28	28.81	28.81	7.365e4	6.861e4	5.760e3	5.415e3	1.06	NO	1.118e4	54.931	54.931	1.33
5	PCB-20/21/33	29.45	29.46	3.084e4	3.221e4	2.744e3	2.632e3	1.04	NO	5.377e3	28.778	28.778	1.45
6	PCB-22	29.91	29.91	1.981e4	1.711e4	1.523e3	1.280e3	1.19	NO	2.804e3	14.520	14.520	1.40
7	PCB-37	32.81	32.81	2.185e4	2.076e4	1.796e3	1.644e3	1.09	NO	3.440e3	19.838	19.838	1.62

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Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

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ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

Total Tetra-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.66	27.66	2.010e3	3.759e3	1.572e2	2.619e2	0.60	YES	4.191e2	0.00000	2.4350	1.30
2	PCB-53	29.54	29.54	9.465e3	1.574e4	6.979e2	1.159e3	0.60	YES	1.857e3	0.00000	14.218	1.77
3	PCB-51	29.90	29.89	8.589e3	1.021e4	6.305e2	8.219e2	0.77	NO	1.452e3	12.045	12.045	1.65
4	PCB-45	30.34	30.32	3.429e3	4.697e3	2.979e2	4.235e2	0.70	NO	7.214e2	7.4241	7.4240	2.05
5	PCB-46	30.85	30.82	2.305e3	3.139e3	1.836e2	2.710e2	0.68	NO	4.546e2	4.8348	4.8350	2.12
6	PCB-52/69	31.33	31.31	6.926e4	9.125e4	5.076e3	6.932e3	0.73	NO	1.201e4	90.936	90.936	1.51
7	PCB-43/49	31.61	31.62	5.347e4	6.468e4	3.974e3	4.878e3	0.81	NO	8.852e3	76.958	76.958	1.73
8	PCB-47	31.83	31.83	3.591e4	4.029e4	2.628e3	3.173e3	0.83	NO	5.801e3	53.822	53.822	1.80
9	PCB-48/75	31.94	31.96	1.027e4	1.253e4	7.584e2	9.346e2	0.81	NO	1.693e3	12.927	12.927	1.48
10	PCB-44	32.67	32.65	3.415e4	5.024e4	2.629e3	3.676e3	0.71	NO	6.305e3	65.435	65.435	2.01
11	PCB-42/59	32.88	32.89	1.558e4	1.955e4	1.214e3	1.455e3	0.83	NO	2.669e3	21.751	21.751	1.58
12	PCB-41/64/71/72	33.50	33.48	4.040e4	5.914e4	3.553e3	4.996e3	0.71	NO	8.549e3	61.581	61.581	1.40
13	PCB-68	33.77	33.74	1.918e3	3.713e3	1.698e2	3.091e2	0.55	YES	4.789e2	0.00000	2.6120	1.30
14	PCB-40	33.99	33.97	5.584e3	7.993e3	4.238e2	6.401e2	0.66	NO	1.064e3	15.115	15.115	2.75
15	PCB-57	34.34	34.34	1.394e3	2.802e3	1.005e2	2.027e2	0.50	YES	3.032e2	0.00000	1.4140	1.25
16	PCB-67	34.65	34.66	2.574e3	3.116e3	1.999e2	2.341e2	0.85	NO	4.340e2	2.8493	2.8490	1.34
17	PCB-58	34.77	34.81	9.490e2	1.630e3	7.236e1	1.152e2	0.63	YES	1.875e2	0.00000	0.98300	1.21
18	PCB-63	34.94	34.94	3.190e3	3.954e3	2.886e2	3.839e2	0.75	NO	6.726e2	4.4663	4.4660	1.36
19	PCB-74	35.24	35.23	3.664e4	4.226e4	2.728e3	3.418e3	0.80	NO	6.146e3	36.914	36.914	1.23
20	PCB-61/70	35.46	35.46	8.399e4	1.071e5	6.635e3	8.272e3	0.80	NO	1.491e4	100.65	100.65	1.38
21	PCB-76/66	35.65	35.66	7.781e4	9.104e4	6.123e3	7.485e3	0.82	NO	1.361e4	83.181	83.181	1.25
22	PCB-56/60	36.72	36.72	3.338e4	4.782e4	2.716e3	3.691e3	0.74	NO	6.407e3	43.719	43.719	1.36
23	PCB-79	37.82	37.84	3.176e3	4.824e3	3.000e2	4.199e2	0.71	NO	7.198e2	4.3921	4.3920	1.22
24	PCB-81	39.09	39.12	2.390e3	2.716e3	1.567e2	9.423e1	1.66	YES	2.509e2	0.00000	1.1720	1.47
25	PCB-77	39.70	39.70	9.191e3	1.141e4	6.433e2	7.947e2	0.81	NO	1.438e3	9.5488	9.5490	1.39

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Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

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ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

3rd Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-103	34.38	34.36	4.117e3	2.614e3	2.889e2	1.998e2	1.45	NO	4.887e2	4.8418	4.8420	1.47
2	PCB-100	34.74	34.73	4.886e3	2.974e3	3.555e2	2.187e2	1.63	NO	5.742e2	5.5869	5.5870	1.45
3	PCB-95/98/102	35.65	35.77	9.797e4	6.109e4	7.537e3	4.742e3	1.59	NO	1.228e4	122.03	122.03	1.54
4	PCB-88/91	36.16	36.18	2.216e4	1.406e4	1.560e3	1.052e3	1.48	NO	2.612e3	29.366	29.366	1.74
5	PCB-84/92	37.11	37.11	4.731e4	3.176e4	3.730e3	2.374e3	1.57	NO	6.103e3	74.282	74.282	1.85
6	PCB-90/101	37.45	37.50	1.429e5	8.626e4	1.098e4	6.648e3	1.65	NO	1.763e4	194.49	194.50	1.68
7	PCB-99	37.83	37.84	7.368e4	4.682e4	5.928e3	3.749e3	1.58	NO	9.677e3	90.734	90.734	1.42
8	PCB-119	38.32	38.32	9.534e3	6.009e3	7.141e2	4.459e2	1.60	NO	1.160e3	8.9902	8.9900	1.17
9	PCB-97	38.84	38.84	3.343e4	2.418e4	2.683e3	1.848e3	1.45	NO	4.531e3	49.447	49.447	1.65
10	PCB-87/117/125	39.13	39.14	4.670e4	2.689e4	3.478e3	2.169e3	1.60	NO	5.647e3	50.686	50.686	1.36
11	PCB-111/115	39.29	39.31	1.953e3	2.272e3	1.481e2	1.565e2	0.95	YES	3.046e2	0.00000	1.7800	1.11
12	PCB-85/116	39.42	39.42	2.104e4	1.045e4	1.541e3	1.005e3	1.53	NO	2.546e3	25.248	25.248	1.50
13	PCB-120	39.67	39.66	2.150e3	2.018e3	1.805e2	1.880e2	0.96	YES	3.685e2	0.00000	2.0660	1.06
14	PCB-110	39.83	39.83	1.792e5	1.139e5	1.448e4	9.138e3	1.59	NO	2.362e4	189.62	189.62	1.22
15	PCB-82	40.47	40.46	1.291e4	6.775e3	9.546e2	5.117e2	1.87	YES	1.466e3	0.00000	17.659	2.07
16	PCB-124	41.17	41.19	6.023e3	4.463e3	5.264e2	4.070e2	1.29	YES	9.334e2	0.00000	6.5130	1.16
17	PCB-107/109	41.32	41.34	1.485e4	7.614e3	1.106e3	6.662e2	1.66	NO	1.772e3	13.912	13.912	1.20
18	PCB-123	41.49	41.50	3.012e3	2.397e3	2.069e2	1.563e2	1.32	YES	3.631e2	0.00000	2.9840	1.35
19	PCB-106/118	41.71	41.69	1.447e5	8.934e4	1.147e4	7.259e3	1.58	NO	1.873e4	152.07	152.07	1.31

4th Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.35	42.37	3.419e3	2.261e3	3.833e2	2.044e2	1.88	YES	5.877e2	0.00000	3.9220	1.95
2	PCB-105	43.24	43.26	5.525e4	3.283e4	4.699e3	2.938e3	1.60	NO	7.636e3	59.941	59.941	2.08

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3rd Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-136	39.63	39.62	2.228e4	1.773e4	1.643e3	1.341e3	1.23	NO	2.984e3	36.726	36.726	1.27
2	PCB-154	40.24	40.24	4.552e3	3.560e3	3.019e2	3.155e2	0.96	YES	6.174e2	0.00000	7.4560	1.41
3	PCB-151	40.91	40.91	2.723e4	2.437e4	2.245e3	1.953e3	1.15	NO	4.198e3	67.064	67.064	1.65
4	PCB-135	41.13	41.13	1.651e4	1.238e4	1.228e3	1.014e3	1.21	NO	2.242e3	30.547	30.547	1.41
5	PCB-144	41.23	41.22	5.915e3	5.823e3	4.306e2	3.949e2	1.09	NO	8.255e2	13.147	13.147	1.65
6	PCB-147	41.38	41.37	5.029e3	2.197e3	3.503e2	1.774e2	1.97	YES	5.277e2	0.00000	5.9840	1.56
7	PCB-139/149	41.64	41.63	1.098e5	9.009e4	8.788e3	6.771e3	1.30	NO	1.556e4	206.26	206.26	1.37

4th Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.29	42.29	6.285e3	6.178e3	5.424e2	5.090e2	1.07	NO	1.051e3	13.491	13.491	1.26
2	PCB-131/133	42.59	42.60	5.676e3	3.939e3	4.288e2	3.134e2	1.37	NO	7.421e2	8.8055	8.8050	1.17
3	PCB-146/165	42.97	43.01	3.542e4	2.873e4	2.828e3	2.354e3	1.20	NO	5.182e3	49.638	49.638	0.941
4	PCB-132/161	43.24	43.28	4.782e4	3.893e4	3.606e3	3.049e3	1.18	NO	6.654e3	63.275	63.275	0.934
5	PCB-153	43.41	43.41	2.030e5	1.682e5	1.612e4	1.297e4	1.24	NO	2.909e4	264.58	264.58	0.893
6	PCB-141	44.17	44.19	3.218e4	2.364e4	2.509e3	1.859e3	1.35	NO	4.368e3	50.825	50.825	1.17
7	PCB-137	44.56	44.57	4.239e3	7.024e3	3.941e2	4.955e2	0.80	YES	8.896e2	0.00000	7.6590	1.08
8	PCB-130	44.68	44.68	1.144e4	8.130e3	8.519e2	6.123e2	1.39	NO	1.464e3	19.758	19.758	1.35
9	PCB-138/163/164	45.06	45.06	1.745e5	1.408e5	1.573e4	1.282e4	1.23	NO	2.855e4	263.19	263.19	0.914
10	PCB-158/160	45.30	45.29	2.191e4	1.348e4	1.793e3	1.135e3	1.58	YES	2.928e3	0.00000	24.257	0.946
11	PCB-129	45.55	45.57	5.096e3	4.055e3	4.456e2	3.703e2	1.20	NO	8.159e2	11.138	11.138	1.35
12	PCB-128/162	46.68	46.67	2.231e4	1.672e4	1.911e3	1.378e3	1.39	NO	3.290e3	34.943	34.943	1.07
13	PCB-167	47.07	47.09	7.154e3	6.386e3	6.028e2	5.098e2	1.18	NO	1.113e3	9.7344	9.7340	0.862
14	PCB-156	48.41	48.39	1.786e4	1.502e4	1.405e3	1.213e3	1.16	NO	2.619e3	23.427	23.427	0.930
15	PCB-157	48.68	48.68	3.984e3	3.074e3	3.587e2	2.409e2	1.49	YES	5.995e2	0.00000	5.0850	0.955

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Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-179	44.31	44.30	3.044e4	2.572e4	2.368e3	2.100e3	1.13	NO	4.468e3	40.023	40.023	0.635
2	PCB-176	44.77	44.79	9.787e3	8.472e3	8.140e2	6.288e2	1.29	YES	1.443e3	0.00000	11.452	0.630
3	PCB-178	45.91	45.91	1.107e4	1.078e4	9.260e2	8.252e2	1.12	NO	1.751e3	21.587	21.587	0.873
4	PCB-175	46.27	46.27	2.699e3	9.530e2	2.000e2	9.420e1	2.12	YES	2.942e2	0.00000	2.3480	0.862
5	PCB-182/187	46.48	46.44	6.238e4	7.032e4	5.203e3	5.408e3	0.96	NO	1.061e4	115.73	115.73	0.773
6	PCB-183	46.78	46.78	2.653e4	2.762e4	2.050e3	2.178e3	0.94	NO	4.227e3	48.056	48.056	0.806
7	PCB-185	47.46	47.47	4.531e3	7.573e3	3.542e2	5.376e2	0.66	YES	8.917e2	0.00000	8.5920	0.899
8	PCB-174	47.86	47.84	4.605e4	4.406e4	3.725e3	3.582e3	1.04	NO	7.307e3	94.278	94.278	0.933
9	PCB-177	48.13	48.11	2.527e4	2.463e4	2.110e3	2.017e3	1.05	NO	4.127e3	56.409	56.409	0.989
10	PCB-171	48.43	48.41	1.213e4	1.145e4	9.769e2	9.137e2	1.07	NO	1.891e3	25.087	25.087	0.960
11	PCB-173	48.86	48.85	1.642e3	1.310e3	1.104e2	8.373e1	1.32	YES	1.942e2	0.00000	2.5200	1.06
12	PCB-172	49.34	49.32	6.228e3	7.427e3	4.532e2	5.830e2	0.78	YES	1.036e3	0.00000	11.238	0.918
13	PCB-180	49.74	49.74	9.647e4	9.444e4	7.944e3	7.771e3	1.02	NO	1.572e4	194.42	194.42	0.895
14	PCB-193	49.96	49.95	6.726e3	6.791e3	6.267e2	5.214e2	1.20	NO	1.148e3	11.959	11.959	0.753
15	PCB-191	50.23	50.21	2.288e3	1.699e3	1.882e2	1.681e2	1.12	NO	3.563e2	3.6383	3.6380	0.739
16	PCB-170	51.41	51.40	3.715e4	3.566e4	3.117e3	2.672e3	1.17	NO	5.789e3	85.176	85.176	1.04
17	PCB-190	51.62	51.60	1.138e4	9.932e3	8.875e2	7.002e2	1.27	YES	1.588e3	0.00000	15.980	0.787
18	PCB-189	53.11	53.13	2.717e3	2.835e3	2.175e2	2.153e2	1.01	NO	4.328e2	4.7391	4.7390	0.679

4th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.64	48.64	1.110e4	1.315e4	8.664e2	1.044e3	0.83	NO	1.910e3	21.646	21.646	0.663
2	PCB-201	49.13	49.13	4.429e3	4.754e3	3.523e2	3.810e2	0.93	NO	7.333e2	9.2207	9.2210	0.735
3	PCB-197	49.60	49.57	9.140e2	1.778e3	8.277e1	1.500e2	0.55	YES	2.328e2	0.00000	2.0540	0.683
4	PCB-200	50.54	50.53	3.969e3	4.081e3	3.117e2	3.154e2	0.99	NO	6.271e2	7.7568	7.7570	0.723
5	PCB-198	52.08	52.11	1.275e3	1.268e3	6.486e1	8.639e1	0.75	YES	1.512e2	0.00000	2.2970	0.975
6	PCB-199	52.22	52.22	4.169e4	4.210e4	2.847e3	3.027e3	0.94	NO	5.875e3	96.102	96.102	0.956
7	PCB-196/203	52.52	52.52	3.864e4	4.003e4	2.702e3	2.720e3	0.99	NO	5.422e3	85.638	85.638	0.923

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5th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-195	53.83	53.81	1.265e4	1.001e4	6.971e2	6.396e2	1.09	YES	1.337e3	0.00000	18.448	1.42
2	PCB-194	54.74	54.74	3.542e4	3.694e4	2.021e3	2.206e3	0.92	NO	4.227e3	60.370	60.370	1.33
3	PCB-205	55.01	55.01	2.264e3	2.309e3	1.144e2	1.358e2	0.84	NO	2.502e2	3.0925	3.0930	1.15

Total Nona-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-208	53.96	53.96	3.178e4	2.928e4	1.976e3	1.667e3	1.19	NO	3.642e3	49.903	49.903	1.33
2	PCB-207	54.30	54.30	9.273e3	6.313e3	5.744e2	3.677e2	1.56	YES	9.421e2	0.00000	12.003	1.36
3	PCB-206	56.28	56.27	7.855e4	5.719e4	4.768e3	3.302e3	1.44	NO	8.070e3	162.01	162.01	1.87

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.50	57.50	6.926e4	6.467e4	3.719e3	3.401e3	1.09	NO	7.121e3	153.05	153.05	0.680

Total PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

Total Mono-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.54	15.56	1.396e7	4.283e6	9.873e5	3.087e5	3.20	NO	1.296e6	5323.9		7.33
2	13C-PCB-3	18.19	18.21	1.611e7	4.991e6	1.031e6	3.353e5	3.08	NO	1.367e6	5506.2		7.19

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Total Di-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.55	19.56	9.033e6	5.694e6	5.427e5	3.396e5	1.60	NO	8.823e5	5398.0		3.15
2	13C-PCB-9	21.38	21.37	1.377e7	8.871e6	8.672e5	5.541e5	1.57	NO	1.421e6	5380.6		1.95
3	13C-PCB-11	24.83	24.83	1.416e7	8.836e6	9.424e5	5.893e5	1.60	NO	1.532e6	5847.4		1.97
4	13C-PCB-15	25.54	25.55	1.660e7	1.047e7	1.088e6	7.005e5	1.55	NO	1.789e6	6566.4		1.89

2nd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.79	23.80	5.726e6	5.437e6	3.654e5	3.513e5	1.04	NO	7.167e5	5272.9		35.1
2	13C-PCB-32	26.78	26.78	8.156e6	7.741e6	5.416e5	5.192e5	1.04	NO	1.061e6	5232.4		23.6

3rd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.69	28.68	1.009e7	9.510e6	7.453e5	7.086e5	1.05	NO	1.454e6	6566.4		23.4
2	13C-PCB-28	28.77	28.79	8.393e6	8.395e6	6.621e5	6.413e5	1.03	NO	1.303e6	5530.9		22.0
3	13C-PCB-37	32.77	32.79	6.914e6	6.969e6	5.670e5	5.614e5	1.01	NO	1.128e6	5152.2		23.6

Tetra-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.63	27.64	5.383e6	6.773e6	4.007e5	5.017e5	0.80	NO	9.023e5	5378.7		5.84
2	13C-PCB-52	31.26	31.29	4.252e6	5.511e6	3.263e5	4.170e5	0.78	NO	7.433e5	5505.8		7.26
3	13C-PCB-47	31.78	31.81	4.517e6	5.756e6	3.373e5	4.304e5	0.78	NO	7.677e5	5334.4		6.81
4	13C-PCB-70	35.43	35.44	5.167e6	6.573e6	4.066e5	5.159e5	0.79	NO	9.225e5	5518.7		5.86
5	13C-PCB-80	35.87	35.87	5.439e6	6.832e6	4.183e5	5.270e5	0.79	NO	9.453e5	5476.9		5.68
6	13C-PCB-60	36.71	36.70	6.199e6	7.864e6	4.861e5	6.162e5	0.79	NO	1.102e6	6566.4		5.84
7	13C-PCB-79	37.80	37.80	5.858e6	7.136e6	4.515e5	5.573e5	0.81	NO	1.009e6	5622.1		5.46
8	13C-PCB-81	39.06	39.07	4.904e6	6.296e6	3.952e5	4.982e5	0.79	NO	8.934e5	5386.6		5.91
9	13C-PCB-77	39.67	39.68	4.714e6	6.010e6	3.814e5	4.883e5	0.78	NO	8.697e5	5348.3		6.02

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3rd Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.48	5.781e6	3.649e6	4.370e5	2.708e5	1.61	NO	7.077e5	5585.0		2.45
2	13C-PCB-95	35.74	35.74	4.233e6	2.754e6	3.341e5	2.144e5	1.56	NO	5.486e5	5464.7		3.09
3	13C-PCB-101	37.49	37.48	4.134e6	2.769e6	3.193e5	2.108e5	1.51	NO	5.301e5	5365.1		3.14
4	13C-PCB-97	38.83	38.82	3.772e6	2.351e6	2.907e5	1.786e5	1.63	NO	4.693e5	5405.9		3.57
5	13C-PCB-111	39.27	39.27	6.613e6	4.160e6	5.015e5	3.171e5	1.58	NO	8.186e5	6566.4		2.49
6	13C-PCB-123	41.47	41.47	4.848e6	3.096e6	3.777e5	2.458e5	1.54	NO	6.235e5	5361.1		2.67
7	13C-PCB-118	41.66	41.67	5.030e6	3.126e6	4.114e5	2.519e5	1.63	NO	6.633e5	5398.2		2.52

4th Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.33	42.33	5.969e6	3.725e6	4.734e5	2.940e5	1.61	NO	7.675e5	5721.7		5.27
2	13C-PCB-105	43.22	43.22	6.057e6	3.758e6	4.895e5	3.066e5	1.60	NO	7.961e5	5838.1		5.18
3	13C-PCB-127	43.56	43.58	6.440e6	3.927e6	5.191e5	3.225e5	1.61	NO	8.416e5	5972.9		5.01
4	13C-PCB-126	45.53	45.53	5.544e6	3.608e6	4.458e5	2.925e5	1.52	NO	7.383e5	5429.8		5.19

4th Function Hexa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	4.790e6	3.795e6	3.764e5	2.979e5	1.26	NO	6.743e5	5696.6		5.39
2	13C-PCB-141	44.15	44.15	3.876e6	2.995e6	3.109e5	2.387e5	1.30	NO	5.496e5	5619.3		6.53
3	13C-PCB-138	45.02	45.02	3.944e6	3.118e6	3.128e5	2.423e5	1.29	NO	5.550e5	5401.8		6.21
4	13C-PCB-159	46.34	46.35	4.697e6	3.771e6	3.796e5	3.016e5	1.26	NO	6.812e5	5456.6		5.11
5	13C-PCB-128	46.64	46.63	4.016e6	3.188e6	3.189e5	2.506e5	1.27	NO	5.695e5	6566.4		7.36
6	13C-PCB-167	47.05	47.05	4.839e6	3.722e6	3.816e5	2.954e5	1.29	NO	6.770e5	5420.3		5.11
7	13C-PCB-156	48.37	48.39	4.409e6	3.472e6	3.669e5	2.850e5	1.29	NO	6.519e5	5381.1		5.27
8	13C-PCB-157	48.66	48.66	4.711e6	3.594e6	3.817e5	2.893e5	1.32	NO	6.710e5	5538.5		5.27
9	13C-PCB-169	50.93	50.93	4.349e6	3.483e6	3.616e5	2.850e5	1.27	NO	6.466e5	5600.7		5.53

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-5B.qld

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ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

5th Function Octa-Isotopes

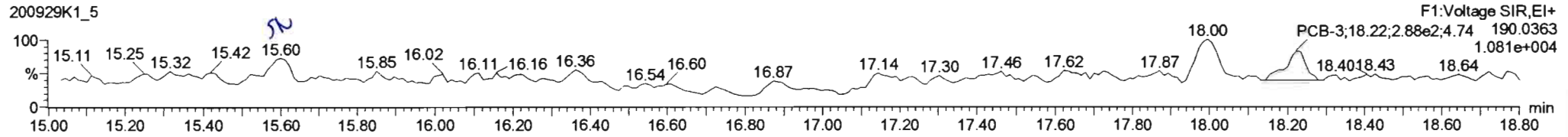
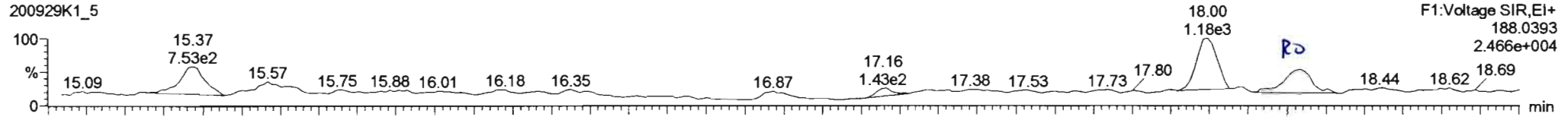
	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.72	3.378e6	3.743e6	1.944e5	2.176e5	0.89	NO	4.120e5	5117.7		10.4
2	13C-PCB-205	54.99	54.99	5.686e6	6.291e6	3.274e5	3.609e5	0.91	NO	6.882e5	6566.4		8.00

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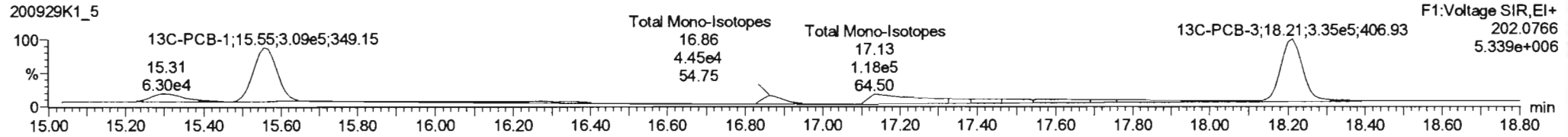
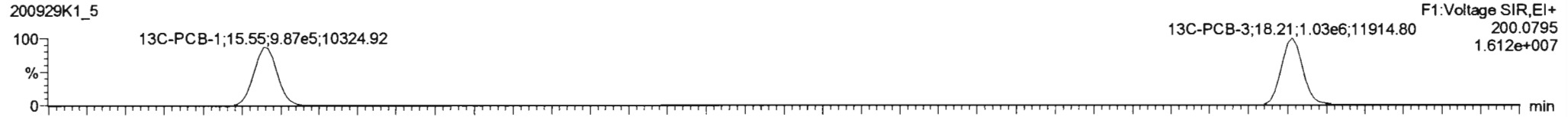
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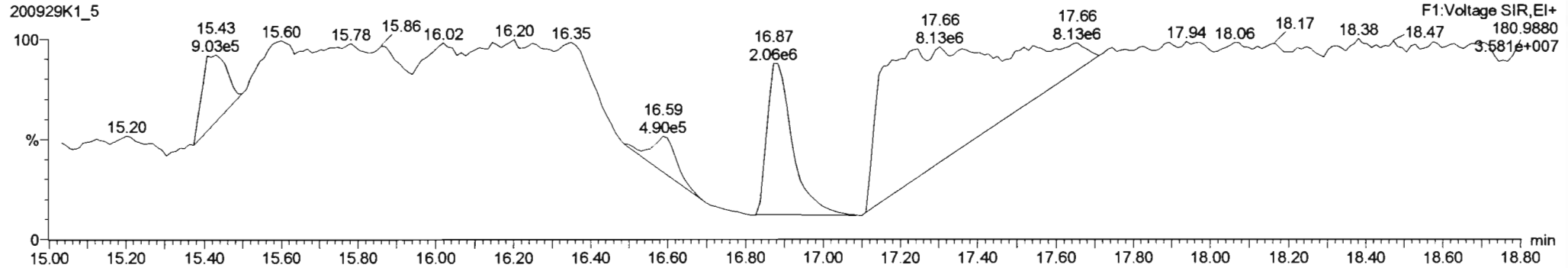
PCB-1



13C-PCB-1

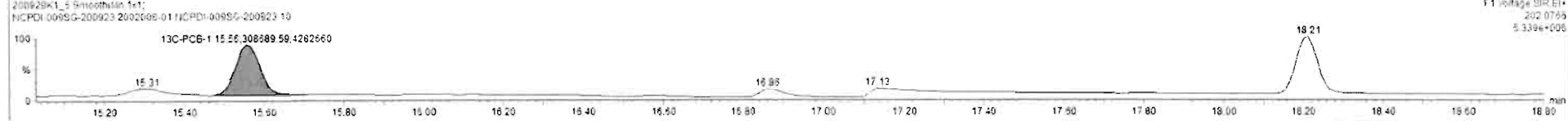
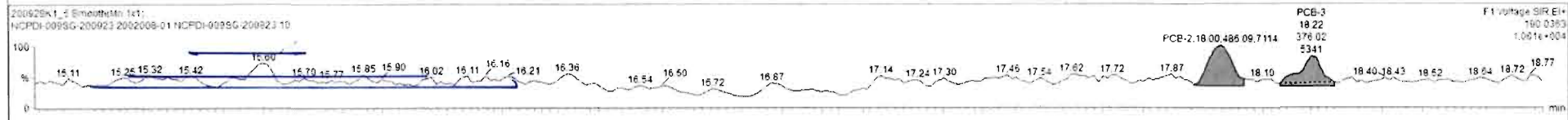


PFK1



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	Dt	EMPC	
221	13C-PCB-178	3.86e6	0.45	NO	0.7668	1.523	45.91	45.69	0.988	0.988	NO	5912	88.5		6.44	
222	13C-PCB-75	1.01e6	0.81	NO	1.9821	1.523	37.80	37.80	0.988	0.988	NO	8682	104		6.34	
223	13C-PCB-178	3.86e6	0.45	NO	1.9508	1.523	45.91	45.69	0.523	0.523	NO	8416	97.7		7.24	
224	Total Mono-PCBs				1.1665	1.523	0.00	0.00	0.000	0.000	NO	0.0000			3.09	10.53
225	Total Di-PCBs				1.0517	1.523	0.00	0.00	0.000	0.000	NO	34.74			43.2	34.74
226	2nd Function Tri-PCBs				1.9807	1.523	0.00	0.00	0.000	0.000	NO	58.75			8.90	75.59
227	3rd Function Tri-PCBs				3.8628	1.523	0.00	0.00	0.000	0.000	NO	171.1			20.3	175.5
228	Total Tetra-PCBs				1.3778	1.523	0.00	0.00	0.000	0.000	NO	689.5			48.2	723.1

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	3 PCB-3	18.22	18.23	8.572e2	3.750e2	2.130	1.75	YES	3.8287	0.00000
2	PCB-2	18.00	18.00	1.287e3	4.861e2	3.130	2.65	YES	6.8976	0.00000



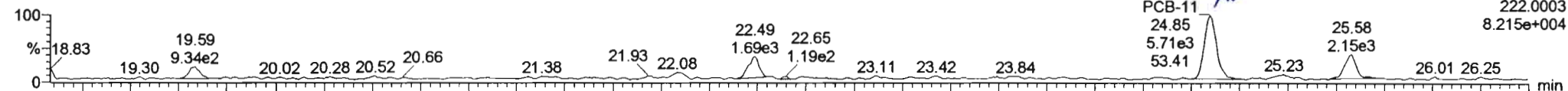
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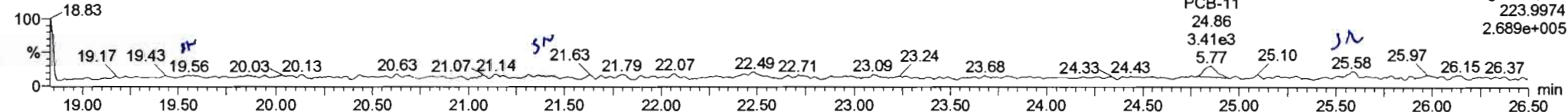
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PCB-4/10

200929K1_5

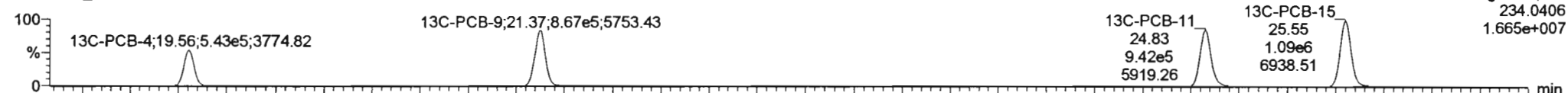


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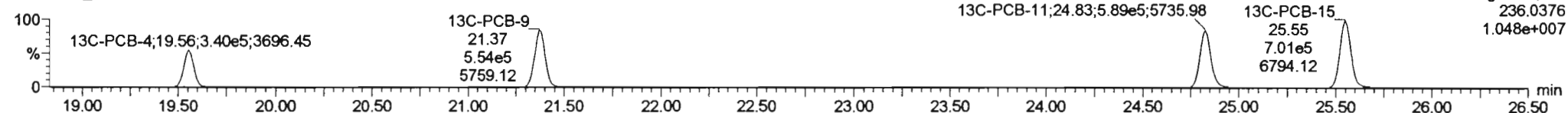


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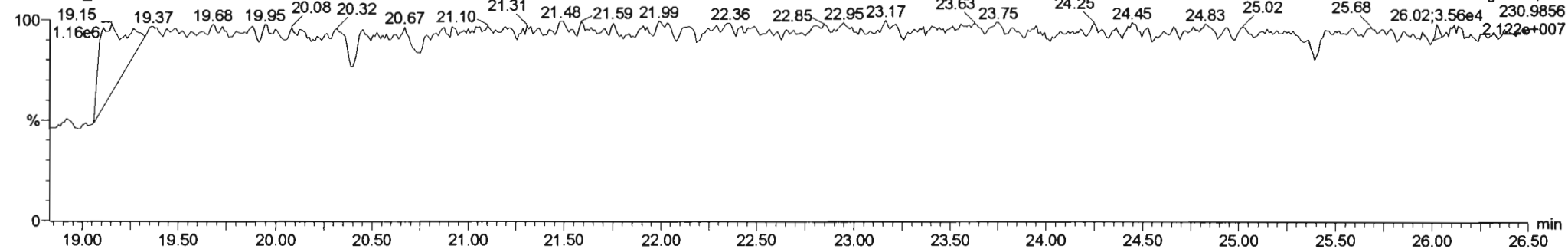


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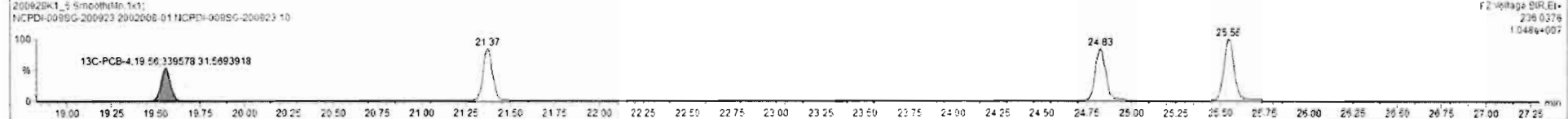
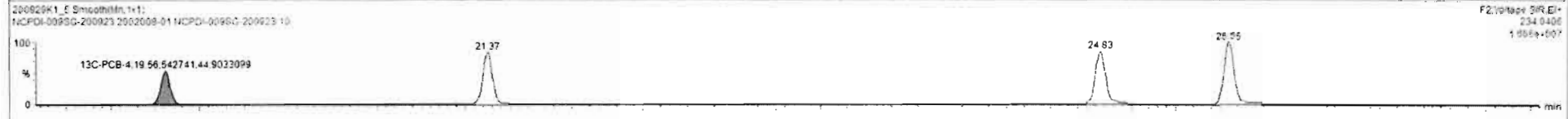
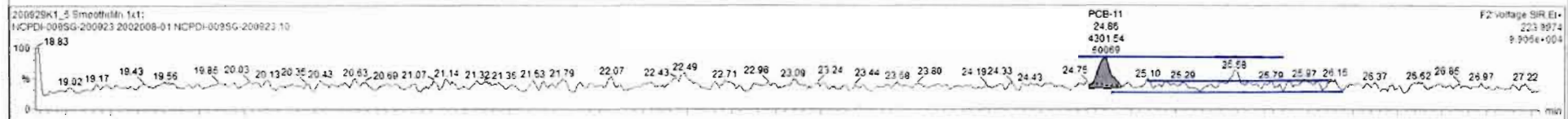
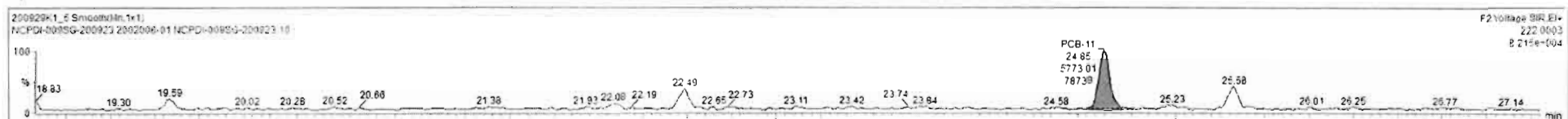
PFK2a

200929K1_5



#	Name	Resp	RA	n/y	RRF	wVol	Pred RT	RT	Pred R.	RRT	RRT Fail	Conc	%Rec	DL	EMPC
221	221 13C-PCB-178	3.86e5	0.45	NO	0.7665	1.523	45.91	45.89	0.999	0.999	NO	5812	35.5	6.44	
222	222 13C-PCB-79	1.01e5	0.81	NO	1.0821	1.523	37.80	37.80	0.998	0.998	NO	8680	104	6.84	
223	223 13C-PCB-178	3.86e5	0.45	NO	1.0508	1.523	45.91	45.89	0.923	0.923	NO	8418	97.7	7.24	
224	224 Total Mono-PCBs				1.1655	1.523	0.00	0.000	0.000	0.000	NO	0.0000	2.09	10.53	
225	225 Total Di-PCBs				1.0537	1.523	0.00	0.000	0.000	0.000	NO	36.34	43.2	38.34	
226	226 2nd Function Tri-PCBs				1.0807	1.523	0.00	0.000	0.000	0.000	NO	58.75	8.93	73.59	
227	227 3rd Function Tri-PCBs				0.9828	1.523	0.00	0.000	0.000	0.000	NO	171.1	20.8	175.9	
228	228 Total Tetra-PCBs				1.0778	1.523	0.00	0.000	0.000	0.000	NO	609.9	48.2	723.1	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1% Ratio (Pred)	RA	n/y	EMPC	Conc.
1	9 PCB-11	24.85	24.85	5.773e3	4.302e3	1.560	1.34	NO	38.342	38.342



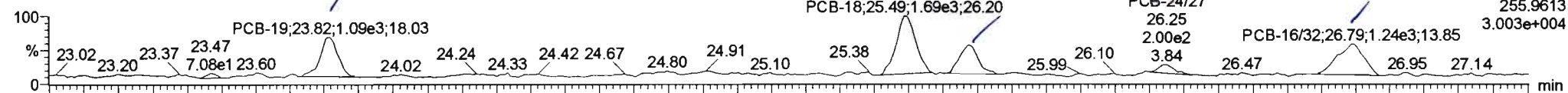
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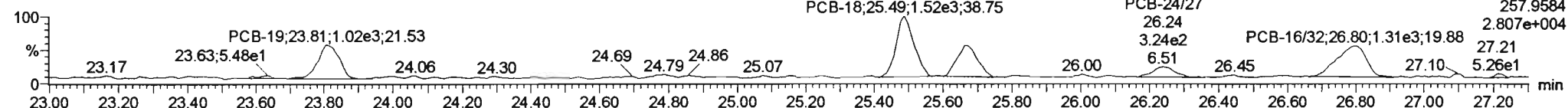
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PCB-19

200929K1_5

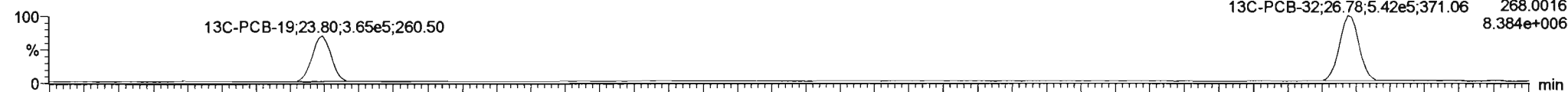


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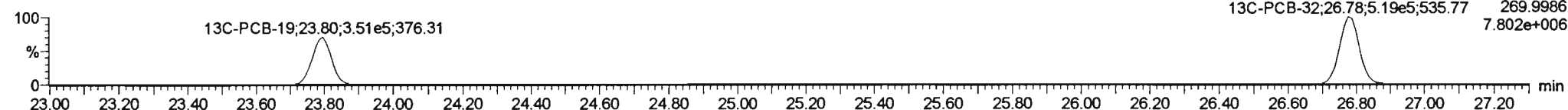


13C-PCB-19

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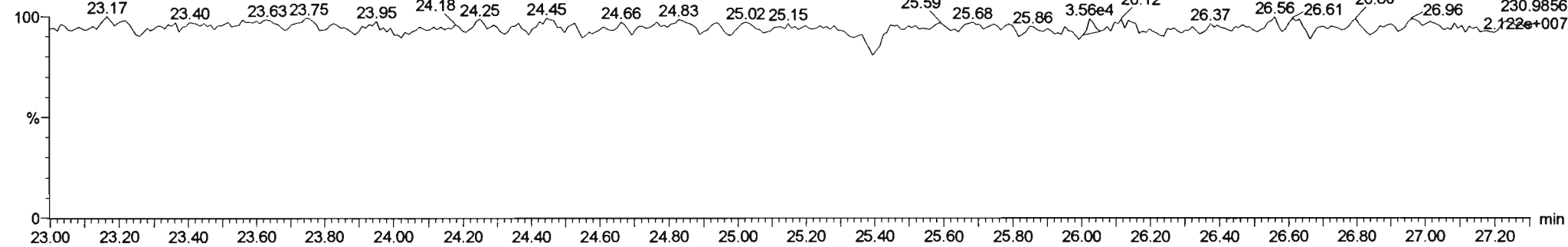


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PFK2b

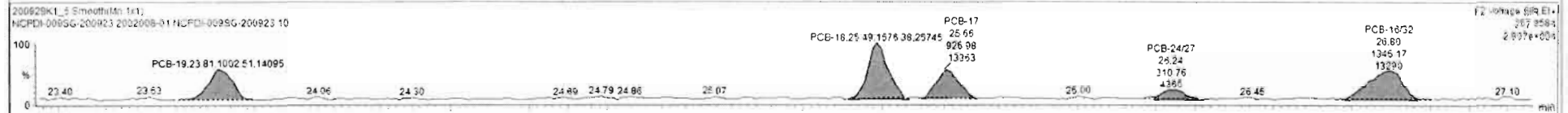
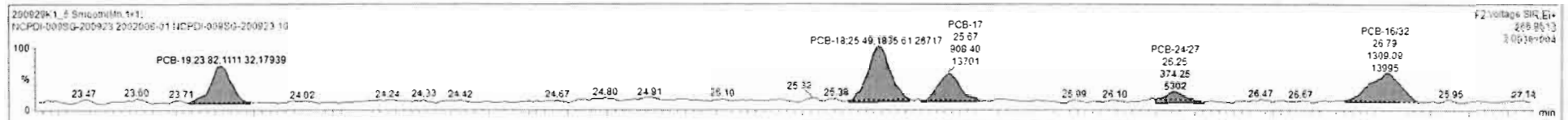
200929K1_5



200929K1_5 - 2002008-01 NCPDI-009SG-200923 10 - NCPDI-009SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fac	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	3.86e5	0.45	NO	0.7665	1.523	45.91	45.69	0.986	0.988	NO	5812	88.5	6.44	
222	222 13C-PCB-179	1.01e6	0.81	NO	1.0821	1.523	37.50	37.80	0.968	0.968	NO	6658	104	6.84	
223	223 13C-PCB-178	3.86e5	0.45	NO	1.0502	1.523	45.91	45.69	0.923	0.923	NO	6416	97.7	7.24	
224	224 Total Mono-PCBs				1.1665	1.523	0.00		0.000	0.000	NO	0.0000		3.09	10.53
225	225 Total Di-PCBs				1.0537	1.523	0.00		0.000	0.000	NO				43.2
226	226 2nd Function Tri-PCBs				1.0887	1.523	0.00		0.000	0.000	NO	76.09			78.71
227	227 3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000	0.000	NO	171.1			25.8
228	228 Total Tetra-PCBs				1.9778	1.523	0.00		0.000	0.000	NO	689.8			48.2

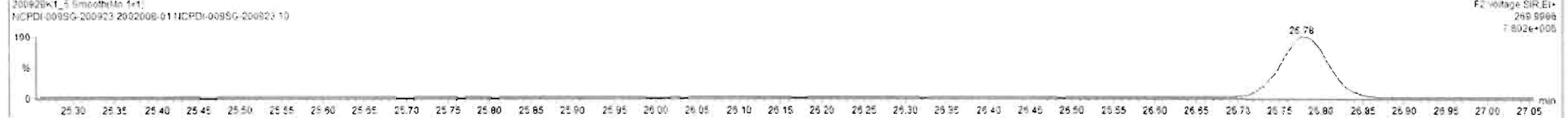
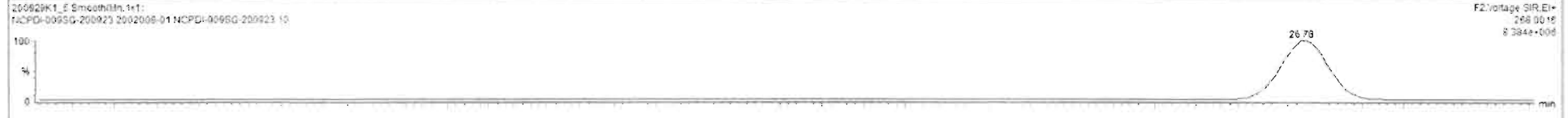
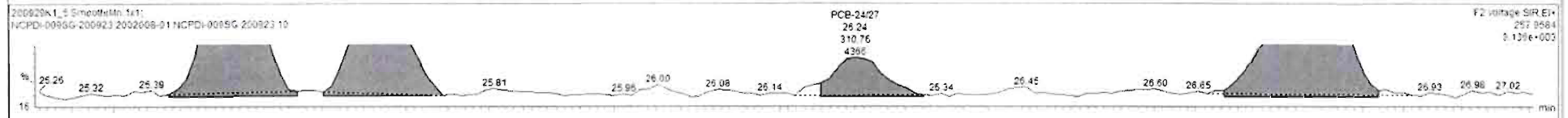
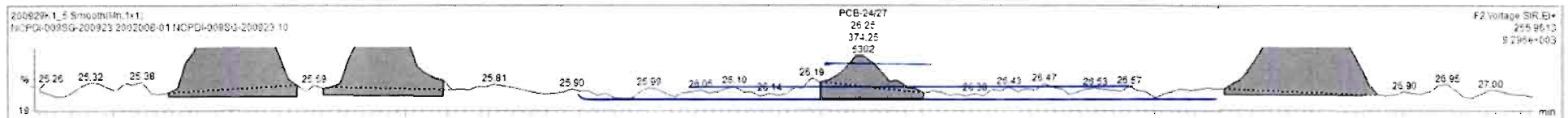
#	Name	Pred RT	RT	m1 Reso	m2 Reso	1 st Rate (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.83	23.82	1.111e3	1.003e3	1.540	1.11	NO	17.507	17.507
2	14 PCB-18	25.49	25.49	1.837e3	1.576e3	1.940	1.17	NO	25.837	25.837
3	15 PCB-17	25.68	25.67	9.054e2	9.275e2	1.940	0.98	NO	14.981	14.981
4	18 PCB-24/27	26.27	26.25	3.742e2	3.108e2	1.940	1.25	YES	3.6288	0.00000
5	17 PCB-18/32	26.80	26.79	1.309e3	1.346e3	1.940	0.97	NO	17.762	17.782



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#	Name	Resp	RA	n/y	RRF	wt/wal	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
221	221 13C-PCB-178	3.86e5	0.45	NO	0.7695	1.523	45.91	45.69	0.988	0.988	NO	5812	82.5	6.44	
222	222 13C-PCB-79	1.81e6	0.81	NO	1.3621	1.523	37.80	37.80	0.968	0.968	NO	8665	104	6.34	
223	223 13C-PCB-178	3.86e5	0.45	NO	1.9508	1.523	45.91	45.69	0.923	0.923	NO	6416	97.7	7.24	
224	224 Total Mono-PCBs				1.1665	1.523	0.00		0.000	0.000	NO	0.0000		3.09	10.53
225	225 Total Di-PCBs				1.3537	1.523	0.00		0.000	0.000	NO			43.2	
226	226 2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000	0.000	NO	76.09		8.93	79.71
227	227 3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000	0.000	NO	171.1		20.8	175.9
228	228 Total Tetra-PCBs				1.9778	1.523	0.00		0.000	0.000	NO	689.8		48.2	723.1

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.83	23.82	1.111e2	1.002e3	1.040	1.11	NO	17.507	17.507
2	14 PCB-18	25.49	25.43	1.837e3	1.576e3	1.340	1.17	NO	25.837	25.837
3	15 PCB-17	25.68	25.67	9.054e2	9.270e2	1.040	0.96	NO	14.981	14.981
4	16 PCB-24/27	26.27	26.25	3.743e2	3.108e2	1.040	1.20	YES	3.8268	0.00000
5	17 PCB-16/22	26.80	26.75	1.309e2	1.346e3	1.240	0.97	NO	17.762	17.782



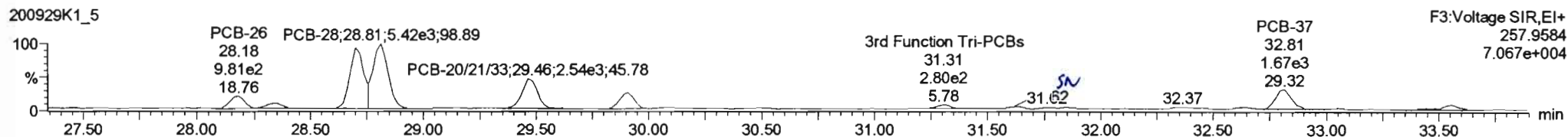
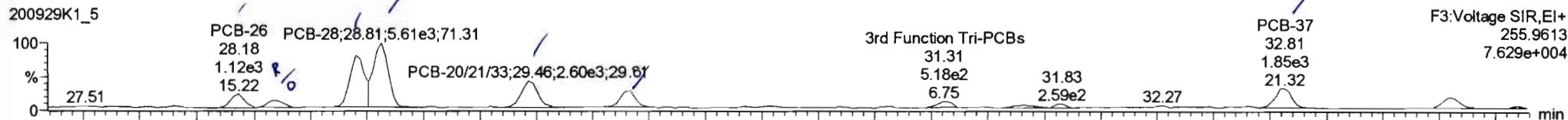
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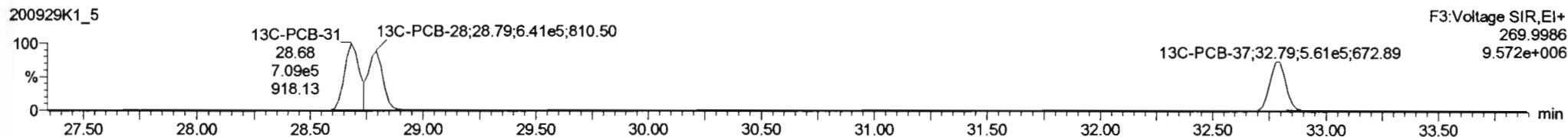
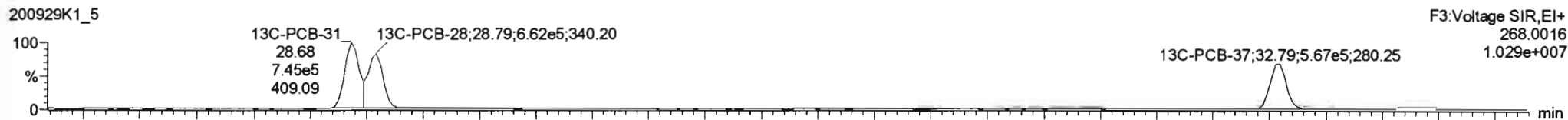
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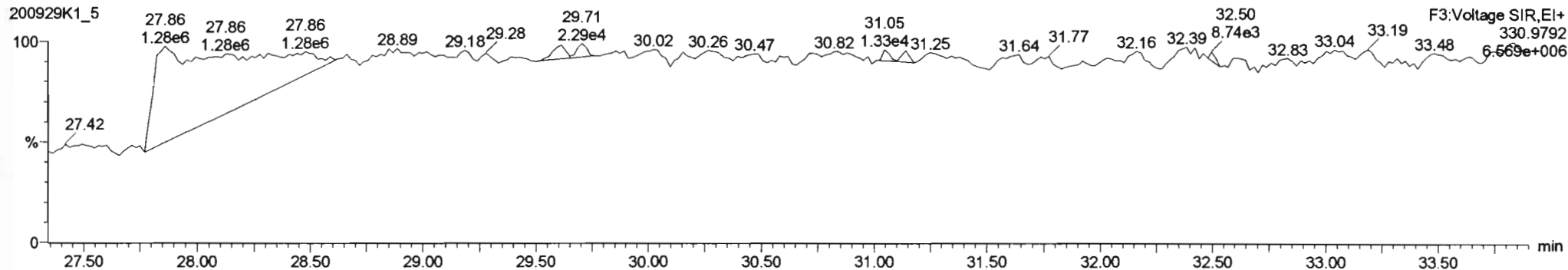
PCB-34



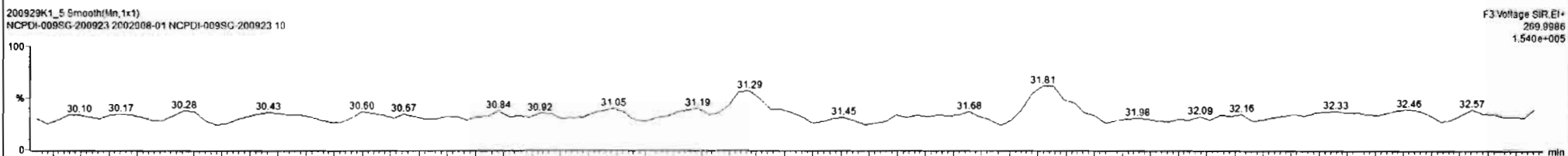
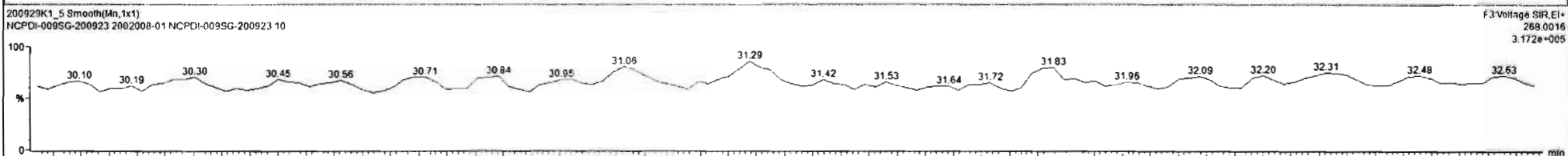
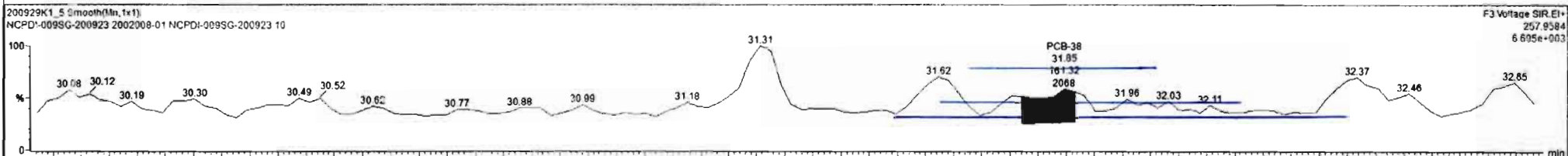
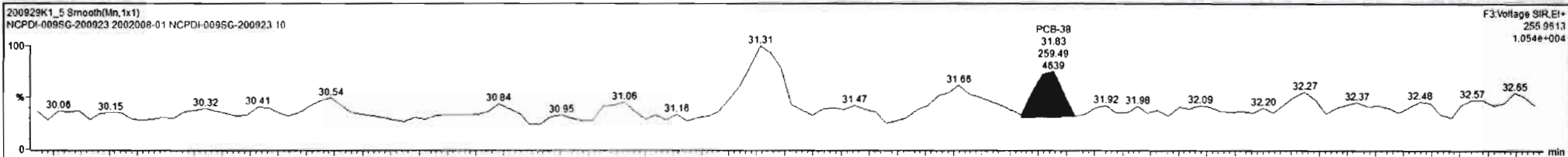
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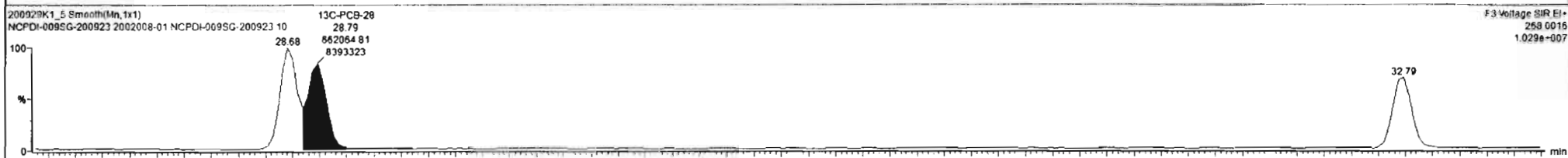
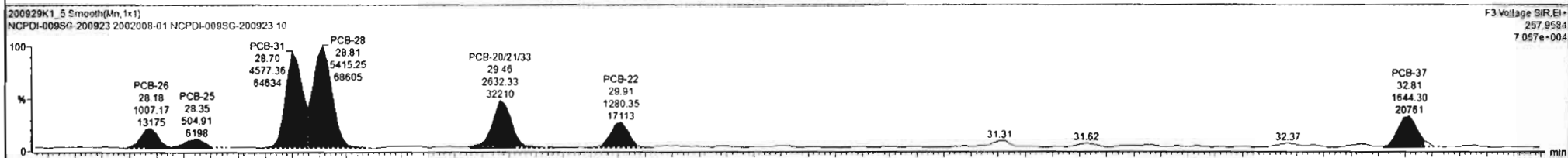


#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Feil	Conc	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	1.523	0.00		0.000		NO			43.2	
226	226 2nd Function Tri-PCBs				1.0907	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	227 3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	181.3
228	228 Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	689.8		48.2	723.1
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1022		42.2	1055



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#	Name	Resp	RA	ny	RRF	wt/vol	Pred RT	RT	Pred.R	RRT	RRT Fac	Conc	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	1.523	0.00		0.000		NO			43.2	
226	226 2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	75.09		8.93	79.71
227	227 3rd Function Tri-PCBs				0.8828	1.523	0.00		0.000		NO	174.0		29.8	179.5
228	228 Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	669.8		48.2	723.1
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1022		42.2	1055



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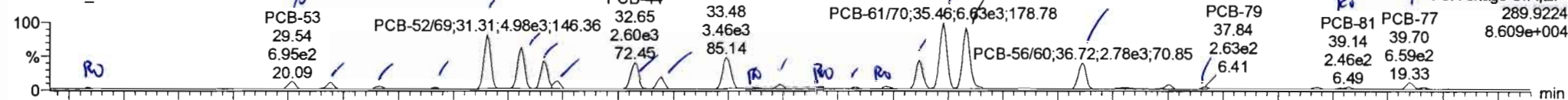
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

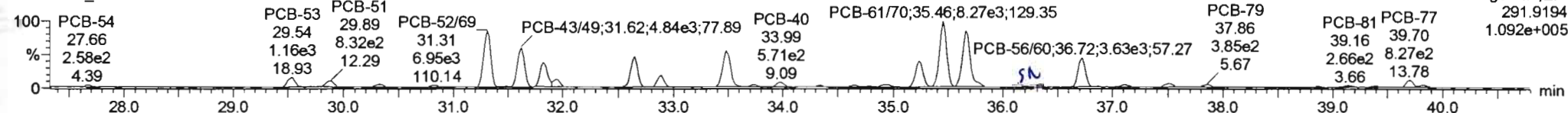
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200929K1_5

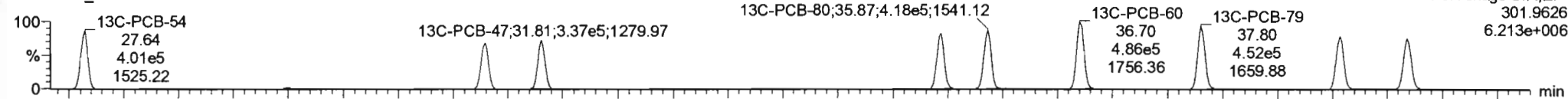


200929K1_5

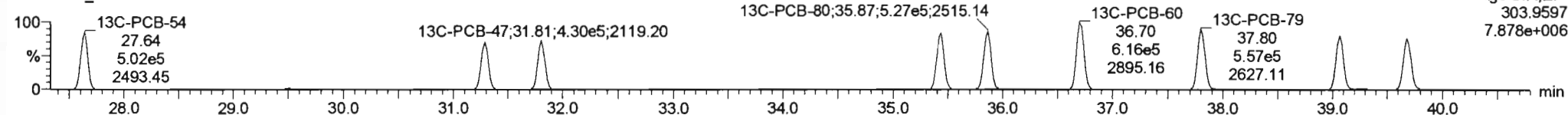


13C-PCB-54

200929K1_5

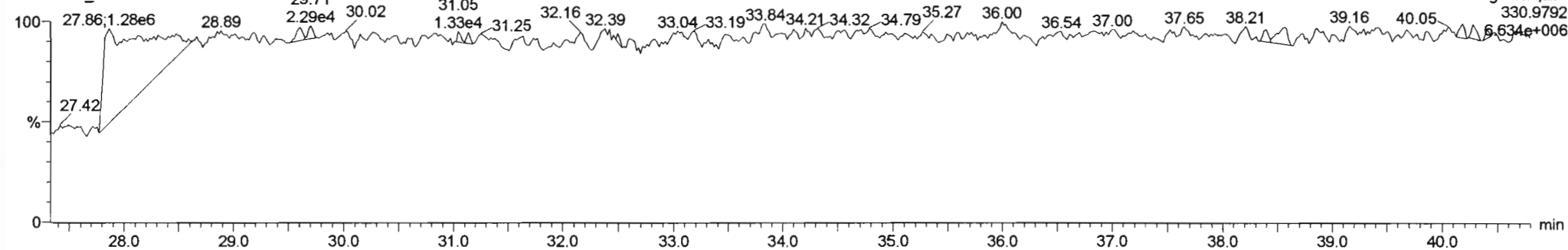


200929K1_5



PFK3a

200929K1_5



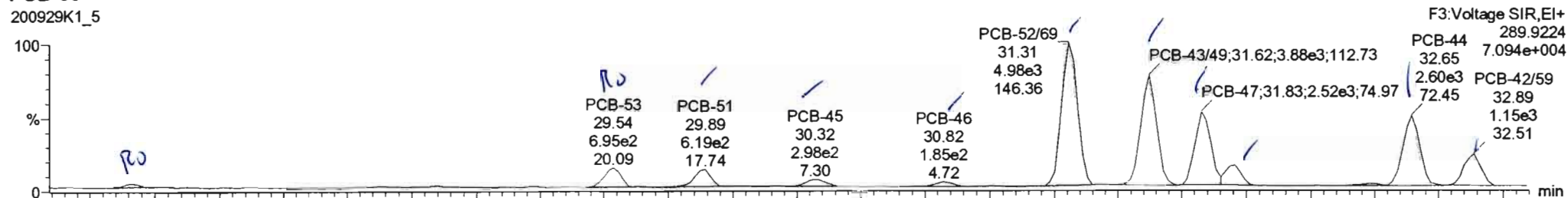
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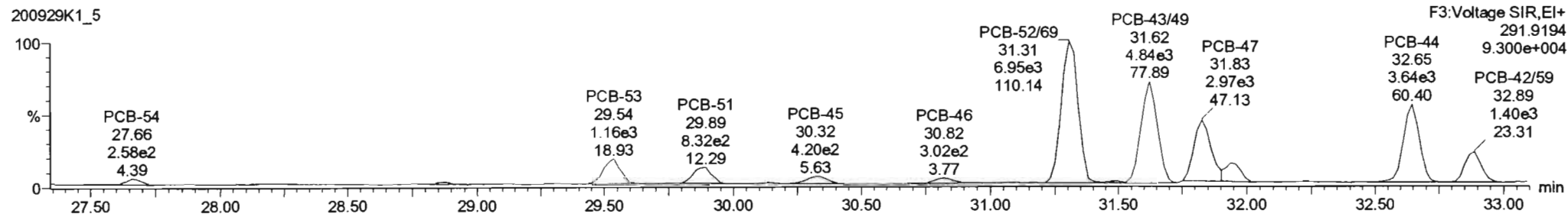
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PCB-50

200929K1_5

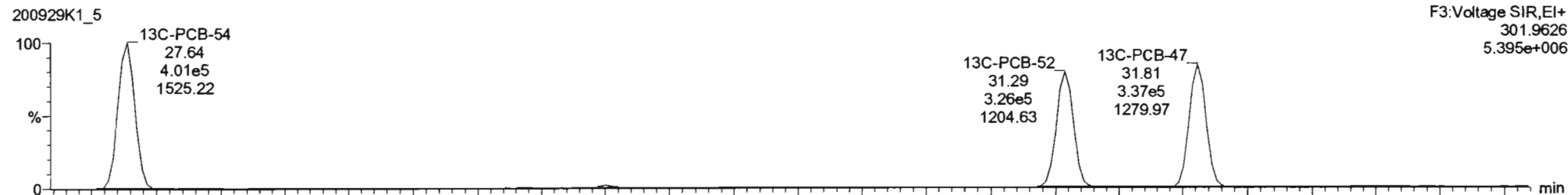


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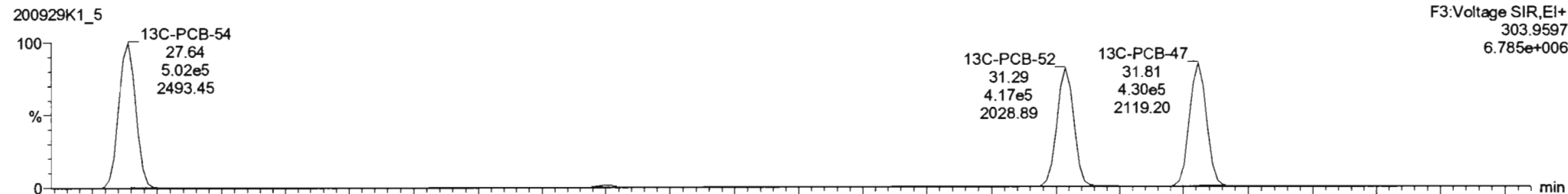


13C-PCB-52

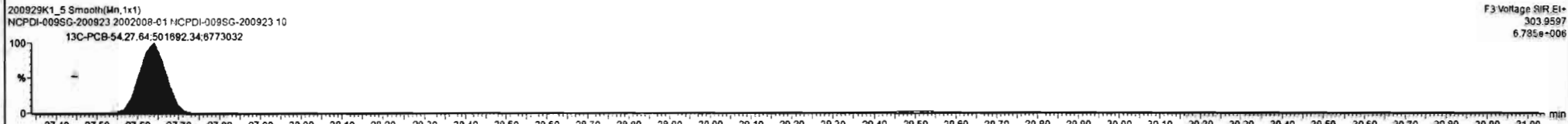
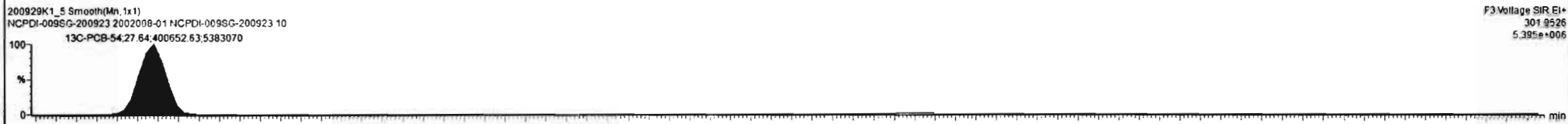
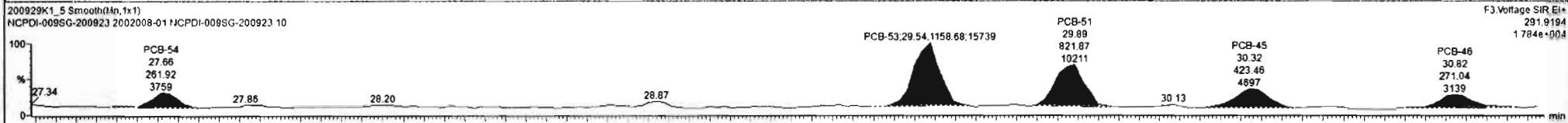
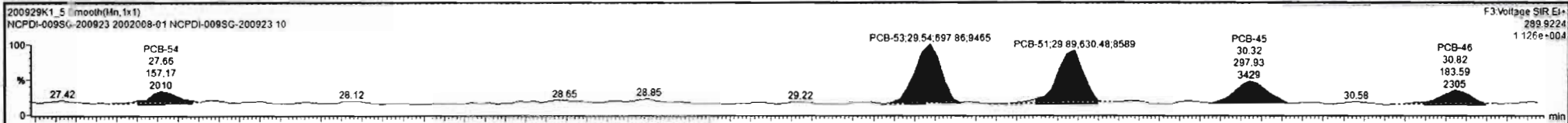
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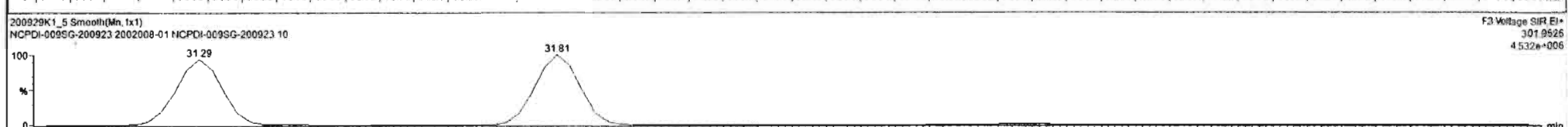
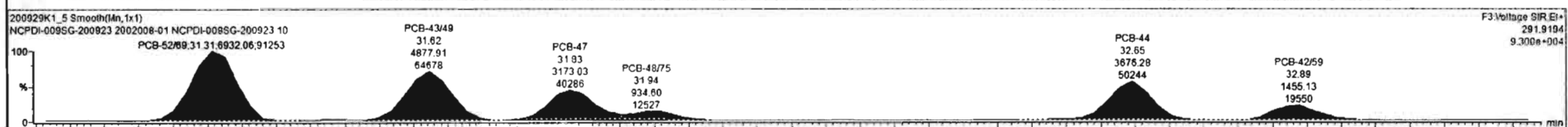


#	Name	Resp	IS Resp	IS6	RA	nly	RRF	wf/wf	Pred RT	RT	RRT	Pred RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	2. Total Tetra-PCBs							1.523	0.00			0.000	NO	702.1		48.2	731.3
229	2. 3rd Function Penta-PCBs							1.523	0.00			0.000	NO	1022		42.2	1055
230	2. 4th Function Penta-PCBs							1.523	0.00			0.000	NO	58.82		10.3	62.36
231	2. 3rd Function Hexa-PCBs							1.523	0.00			0.000	NO	349.4		18.1	359.3
232	2. 4th Function Hexa-PCBs							1.523	0.00			0.000	NO	818.7		20.5	851.4
233	2. Total Hepta-PCBs							1.523	0.00			0.000	NO	691.8		18.7	747.1
234	2. 4th Function Octa-PCBs							1.523	0.00			0.000	NO	214.0		6.34	220.8
235	2. 5th Function Octa-PCBs							1.523	0.00			0.000	NO	59.89		3.91	79.92
236	2. Total Nona-PCBs							1.523	0.00			0.000	NO	211.0		4.56	222.5
237	2. Deca-CB							1.523	0.00			0.000	NO	153.0		0.680	153.0
238	2. Total PCBs																
239	2. Total Mono-Isotopes																
240	2. Total Di-Isotopes																
241	2. 2nd Function Tri-Isotopes																
242	2. 3rd Function Tri-Isotopes																



200929K1_5

#	Name	Reso	IS Reso	IS	RA	My	RRP	Vol	Pred.RT	RT	RRT	Pred.RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs							1.523	0.00			0.000	NO	702.1		48.2	731.3
229	3rd Function Penta-PCBs							1.523	0.00			0.000	NO	1022		42.2	1055
230	4th Function Penta-PCBs							1.523	0.00			0.000	NO	58.82		10.3	62.38
231	3rd Function Hexa-PCBs							1.523	0.00			0.000	NO	349.4		18.1	359.3
232	4th Function Hexa-PCBs							1.523	0.00			0.000	NO	818.7		20.5	851.4
233	Total Hepta-PCBs							1.523	0.00			0.000	NO	691.8		16.7	747.1
234	4th Function Octa-PCBs							1.523	0.00			0.000	NO	214.0		6.34	220.8
235	5th Function Octa-PCBs							1.523	0.00			0.000	NO	59.89		3.91	79.92
236	Total Nona-PCBs							1.523	0.00			0.000	NO	211.0		4.56	222.5
237	Deca-CB							1.523	0.00			0.000	NO	153.0		0.680	153.0
238	Total PCBs																
239	Total Mono-Isotopes																
240	Total Di-Isotopes																
241	2nd Function Tri-Isotopes																
242	3rd Function Tri-Isotopes																



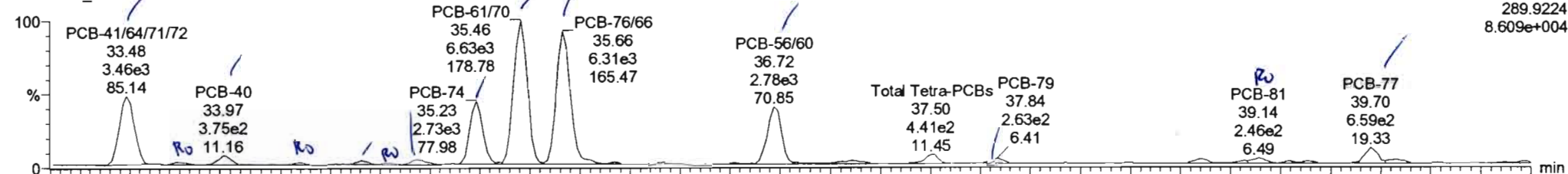
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

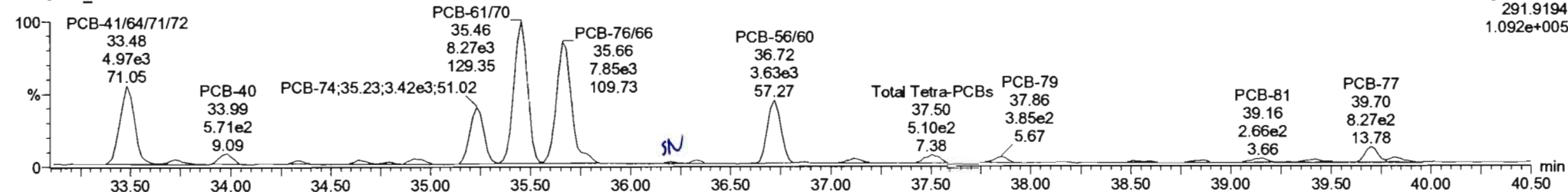
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200929K1_5

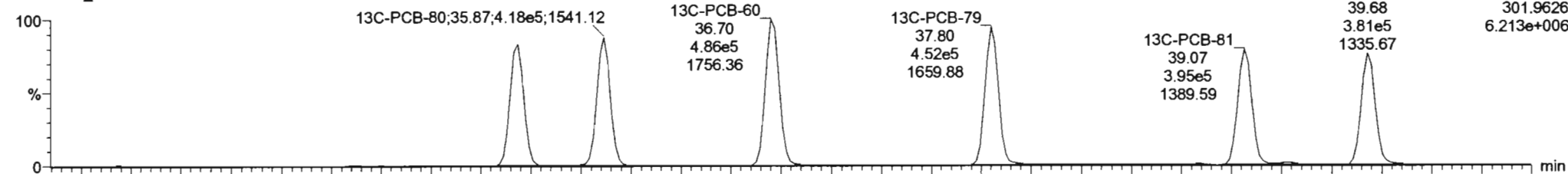


200929K1_5

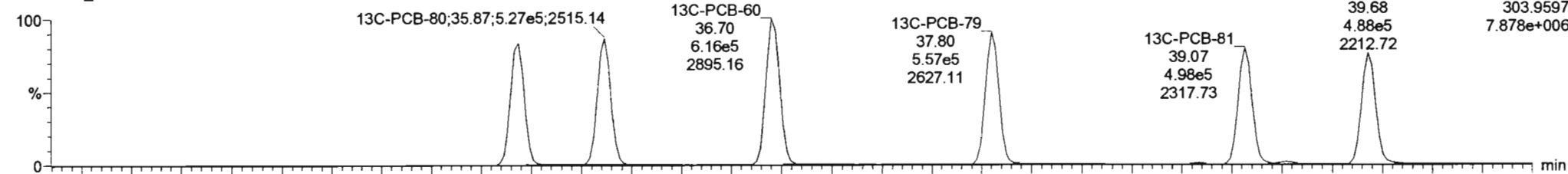


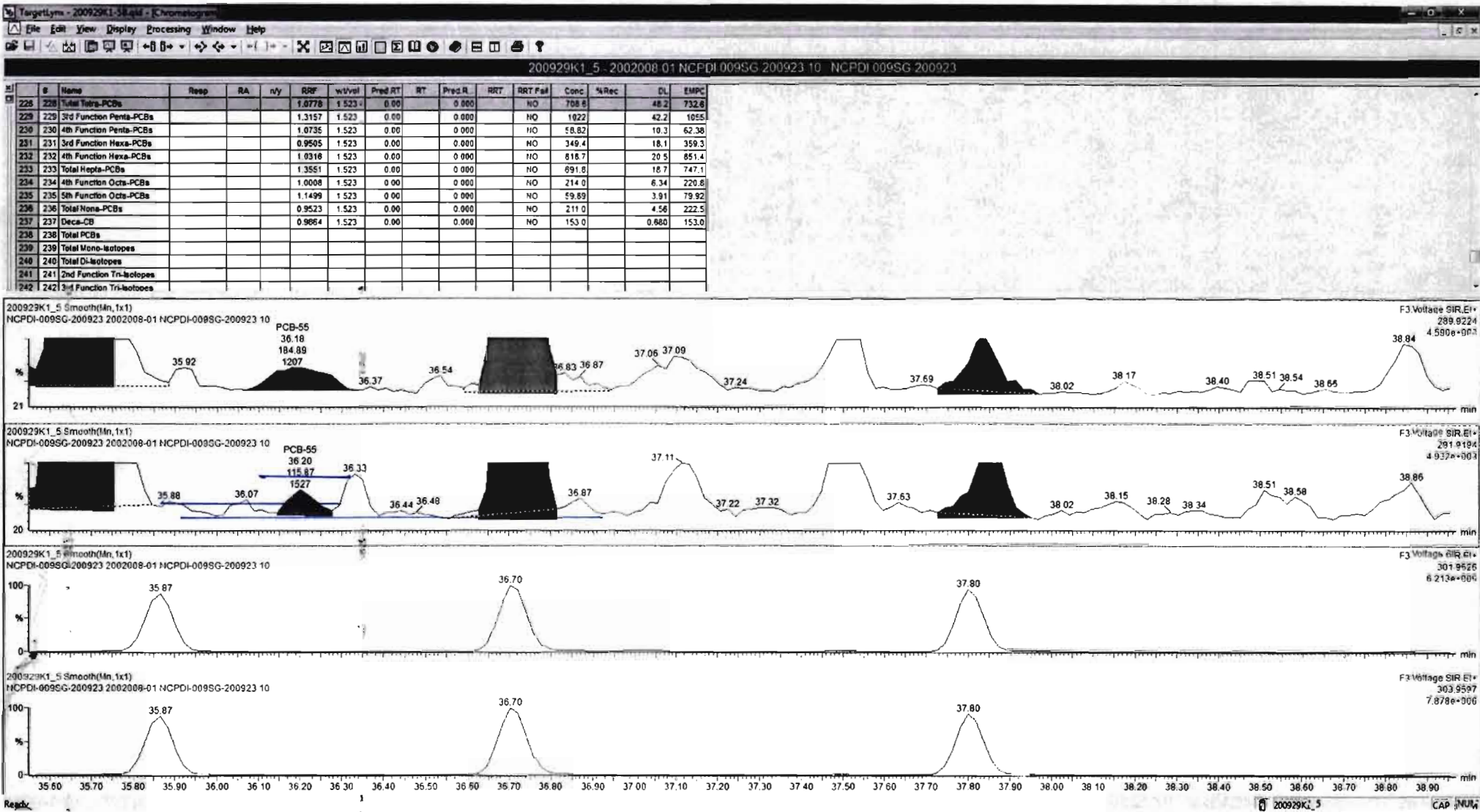
13C-PCB-60

200929K1_5

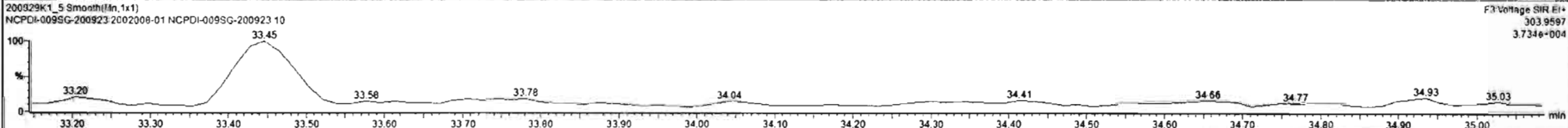
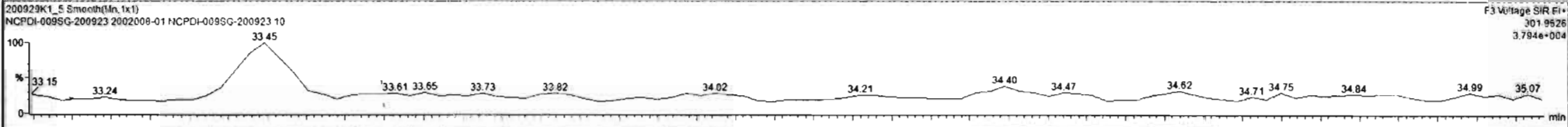
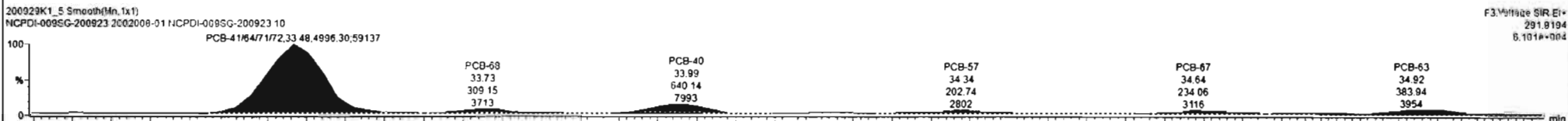
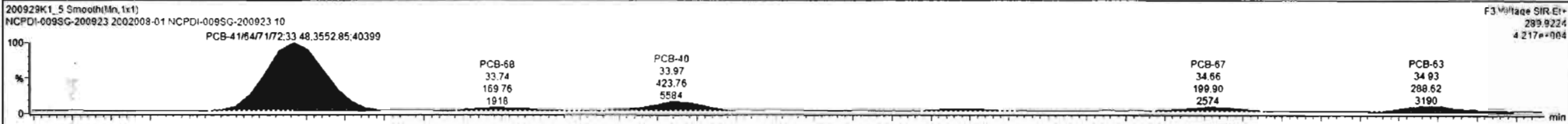


200929K1_5



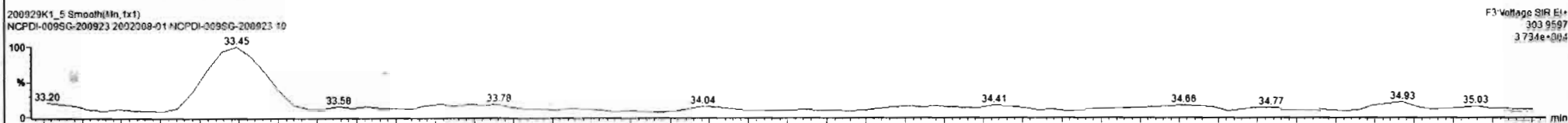
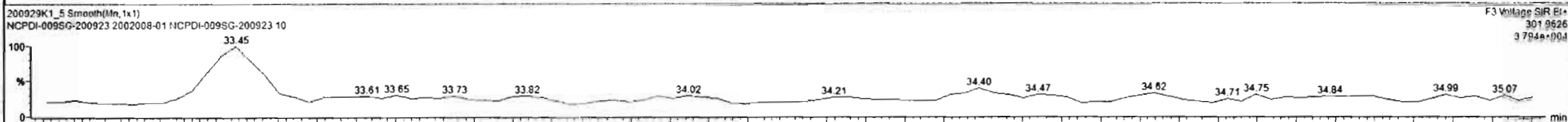
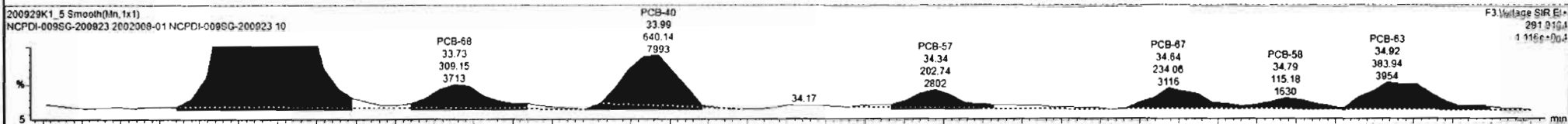
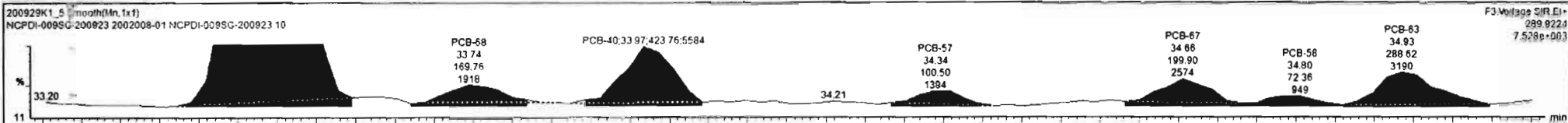


#	Name	Resp	IS Resp	IS#	RA	n/y	RRF	wVvl	Pred RT	RT	RRT	Pred RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs							1.523	0.00			0.000	NO	708.8		48.2	732.8
229	3rd Function Penta-PCBs							1.523	0.00			0.000	NO	1022		42.2	1055
230	4th Function Penta-PCBs							1.523	0.00			0.000	NO	58.82		10.3	62.38
231	3rd Function Hexa-PCBs							1.523	0.00			0.000	NO	349.4		18.1	359.3
232	4th Function Hexa-PCBs							1.523	0.00			0.000	NO	818.7		20.5	851.4
233	Total Hepta-PCBs							1.523	0.00			0.000	NO	891.8		18.7	747.1
234	4th Function Octa-PCBs							1.523	0.00			0.000	NO	214.0		6.34	220.8
235	5th Function Octa-PCBs							1.523	0.00			0.000	NO	59.89		3.91	79.92
236	Total Nona-PCBs							1.523	0.00			0.000	NO	211.0		4.56	222.5
237	Deca-CB							1.523	0.00			0.000	NO	153.0		0.680	153.0
238	Total PCBs																
239	Total Mono-isotopes																
240	Total Di-isotopes																
241	2nd Function Tri-isotopes																
242	3rd Function Tri-isotopes																



Regb. 200929K1_5 CAP NUM

#	Name	Resp	IS Resp	IS#	RA	rv	RRF	wt/vol	Pred RT	RT	RRT	Pred RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	2. Total Tetra-PCBs							1.523	0.00			0.000	NO	708.0		48.2	732.6
229	2. 3rd Function Penta-PCBs							1.523	0.00			0.000	NO	1022		42.2	1055
230	2. 4th Function Penta-PCBs							1.523	0.00			0.000	NO	58.82		10.3	62.38
231	2. 3rd Function Hexa-PCBs							1.523	0.00			0.000	NO	349.4		18.1	359.3
232	2. 4th Function Hexa-PCBs							1.523	0.00			0.000	NO	818.7		20.5	851.4
233	2. Total Hepta-PCBs							1.523	0.00			0.000	NO	691.8		18.7	747.1
234	2. 4th Function Octa-PCBs							1.523	0.00			0.000	NO	214.0		6.34	220.6
235	2. 5th Function Octa-PCBs							1.523	0.00			0.000	NO	59.89		3.91	79.92
236	2. Total Nona-PCBs							1.523	0.00			0.000	NO	211.0		4.56	222.5
237	2. Deca-CB							1.523	0.00			0.000	NO	153.0		0.680	153.0
238	2. Total PCBs																
239	2. Total Mono-Isotopes																
240	2. Total Di-Isotopes																
241	2. 2nd Function Tri-Isotopes																
242	2. 3rd Function Tri-Isotopes																



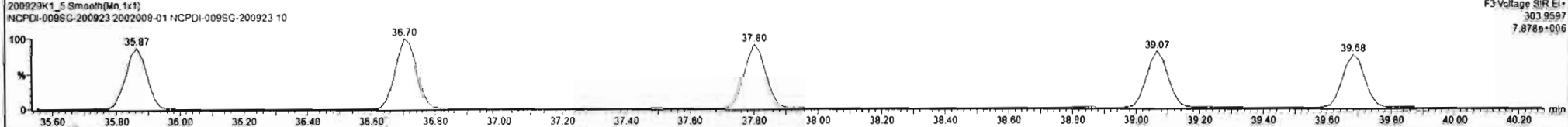
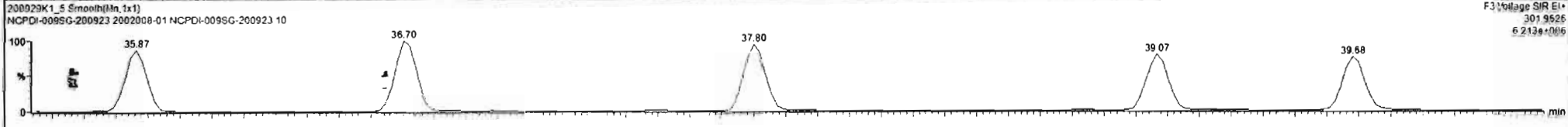
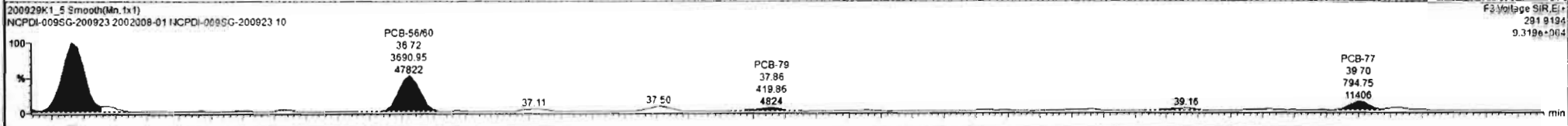
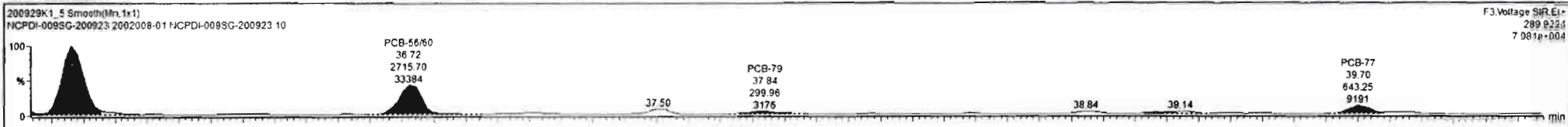
Regdy 200929K1_5

TargetLynx - 200929K1_5 (Chromatogram)

File Edit View Display Processing Window Help

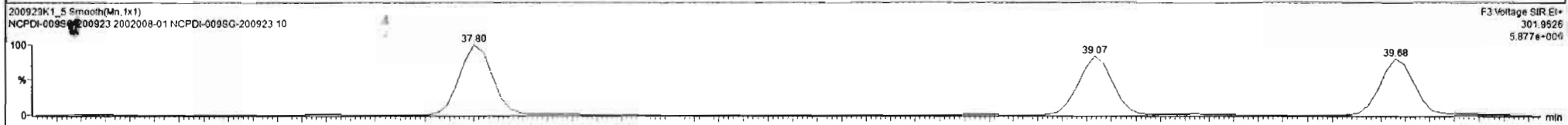
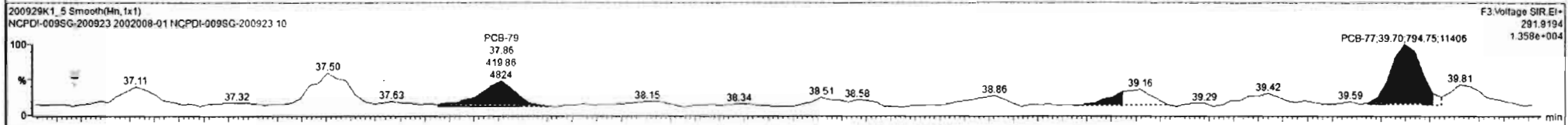
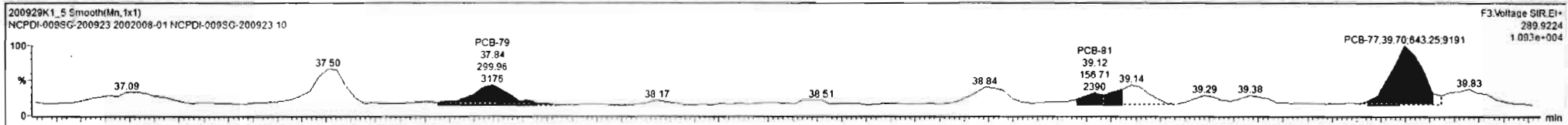
200929K1_5 2002008 01 NCPDI-009SG-200923 10 NCPDI-009SG-200923

#	Name	Reep	RA	ny	RRF	wtVal	Pred RT	RT	Pred.R	RRT	RRT Fnd	Conc	%Rec	DL	EMPC
228	228 Total Trans-PCBs				1.8778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1022		42.2	1055
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.82		10.3	62.38
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	349.4		18.1	359.3
232	232 4th Function Hexa-PCBs				1.0318	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	233 Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	891.8		18.7	747.1
234	234 4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	214.0		6.34	228.8
235	235 5th Function Octa-PCBs				1.1499	1.523	0.00		0.000		NO	59.89		3.91	79.92
236	236 Total Nona-PCBs				0.9523	1.523	0.00		0.000		NO	211.0		4.56	222.5
237	237 Deca-CB				0.9864	1.523	0.00		0.000		NO	153.0		0.880	153.0
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														
241	241 2nd Function Tri-isotopes														
242	242 3rd Function Tri-isotopes														



Regdx 200929K1_5 CAP NUM

#	Name	Resp	RA	n/y	RRF	w/wnt	Pred RT	RT	Pred R	RRT	RRT Fst	Conc	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	788.6		48.2	731.4
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1022		42.2	1055
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.82		10.3	62.38
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	349.4		18.1	359.3
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	233 Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1
234	234 4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	214.0		6.34	220.8
235	235 5th Function Octa-PCBs				1.1499	1.523	0.00		0.000		NO	59.89		3.91	79.92
236	236 Total Nona-PCBs				0.9523	1.523	0.00		0.000		NO	211.0		4.56	222.5
237	237 Deca-CB				0.9864	1.523	0.00		0.000		NO	153.0		0.680	153.0
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														
241	241 2nd Function Tri-isotopes														
242	242 3rd Function Tri-isotopes														



Ready 200929K1_5 CAP NUM

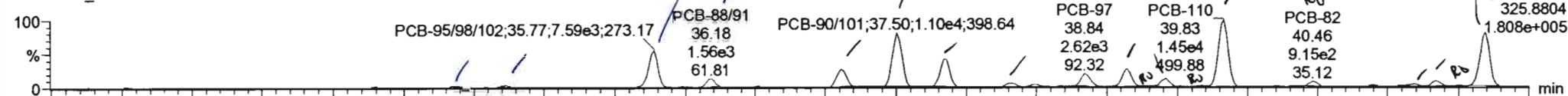
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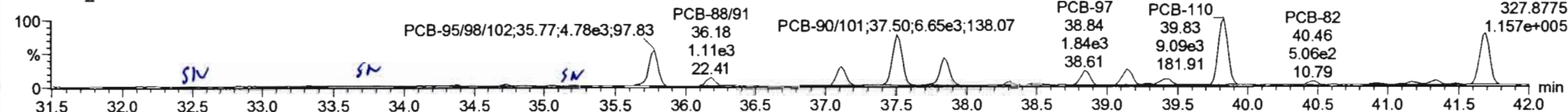
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200929K1_5

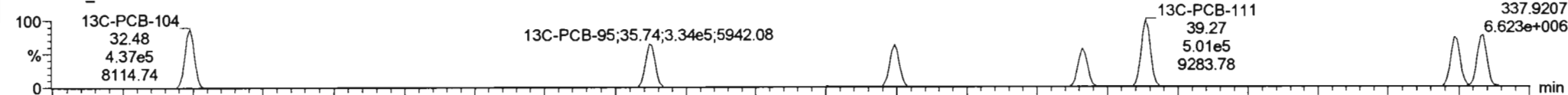


200929K1_5

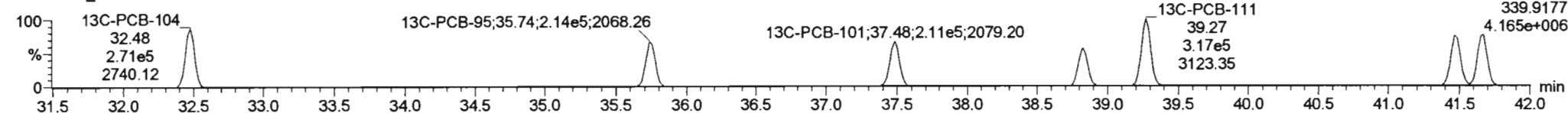


13C-PCB-104

200929K1_5

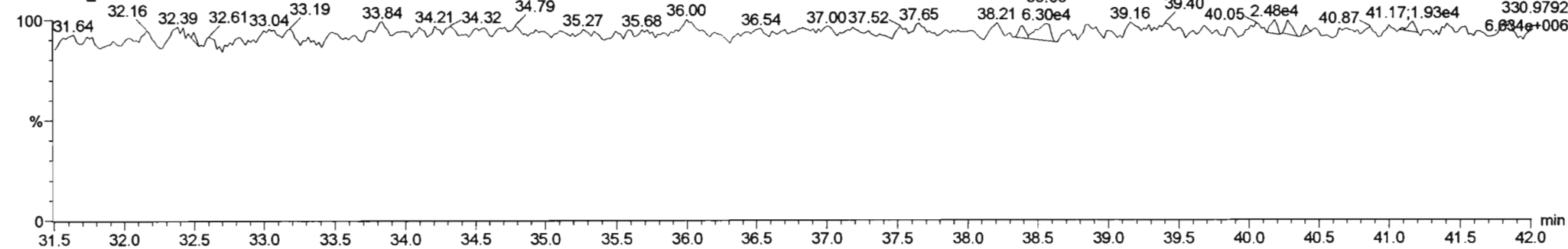


200929K1_5



PFK3b

200929K1_5



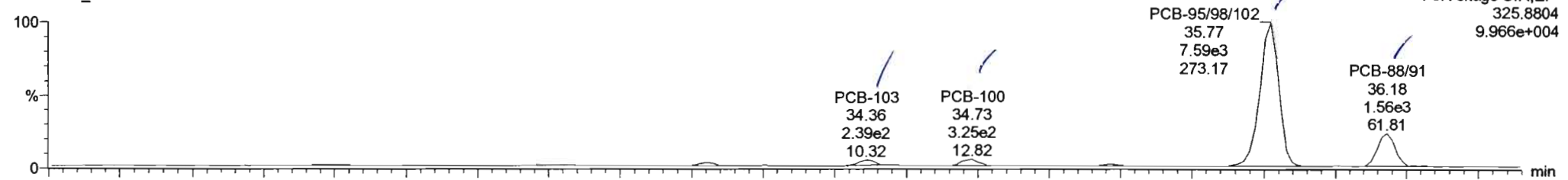
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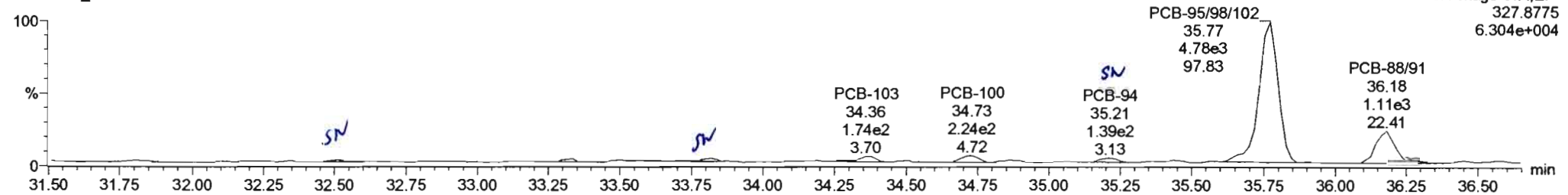
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PCB-96

200929K1_5

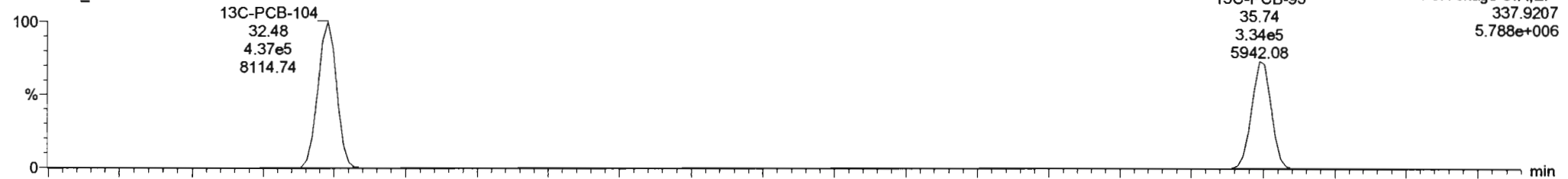


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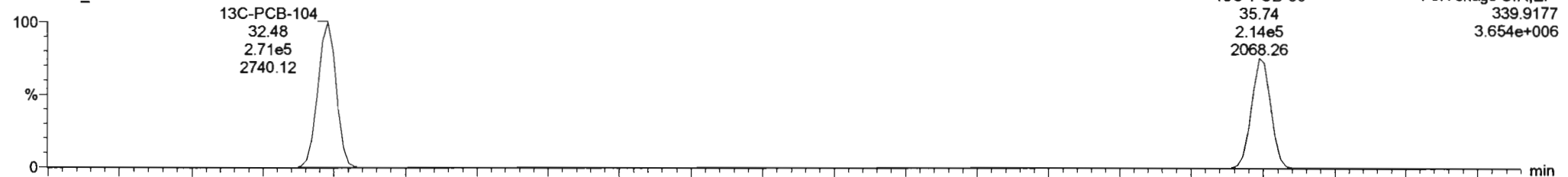


13C-PCB-95

200929K1_5

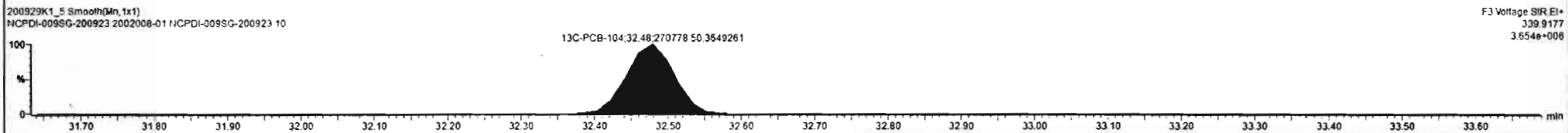
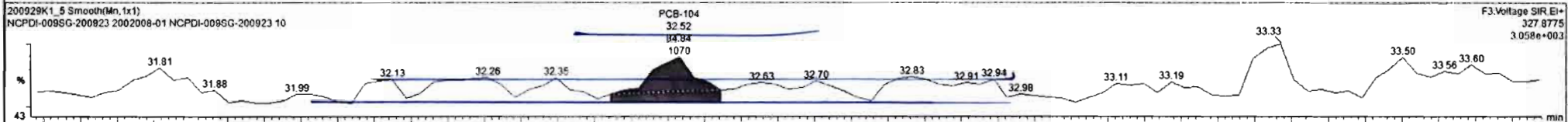
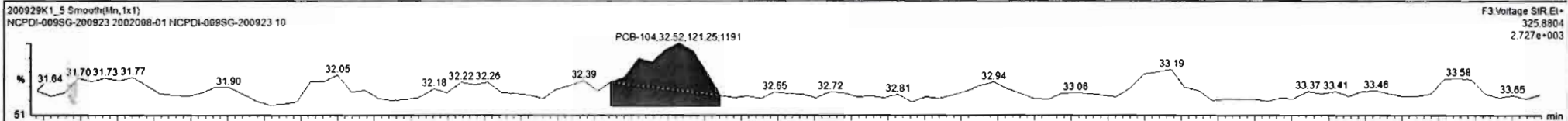


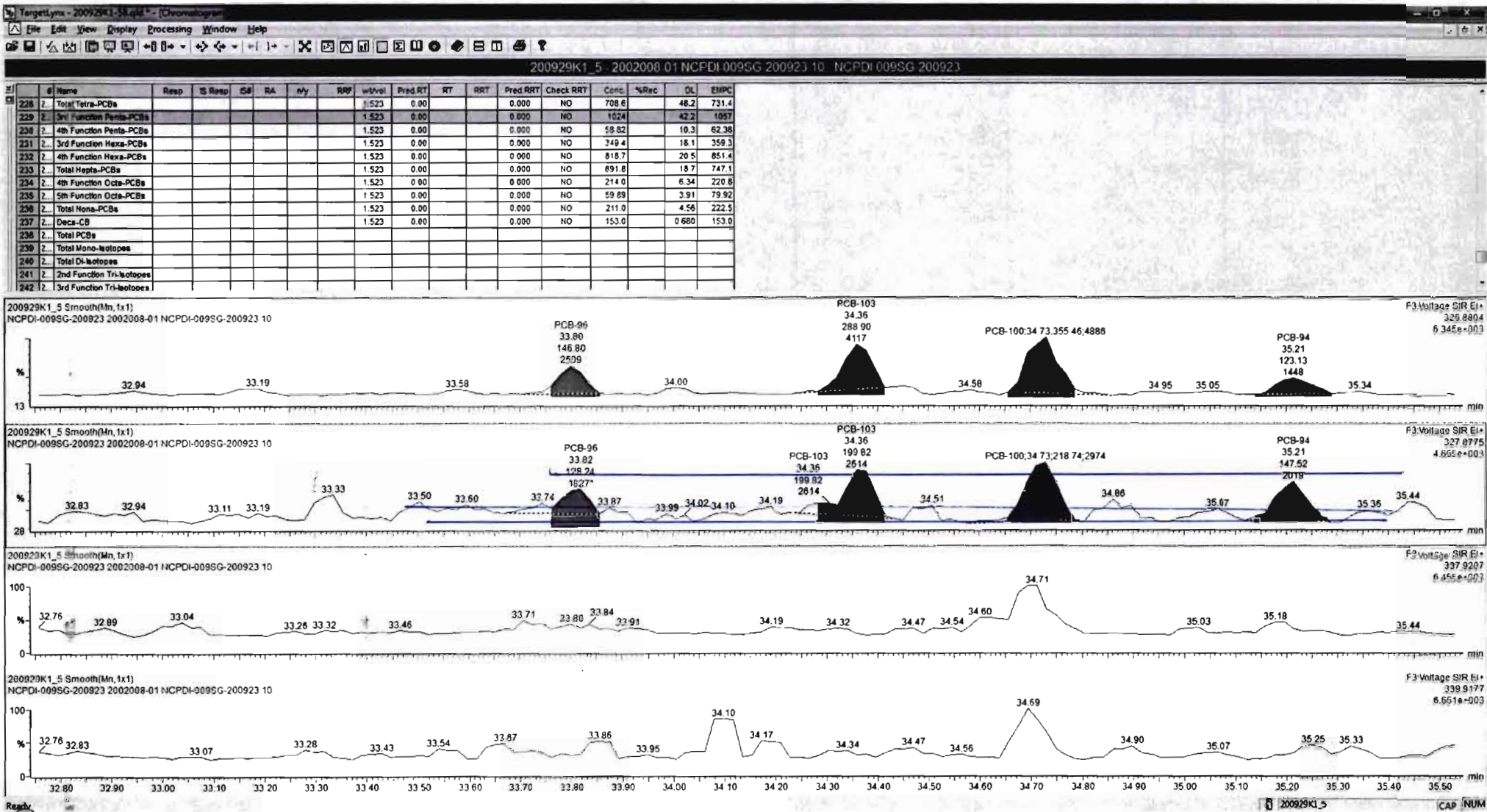
200929K1_5



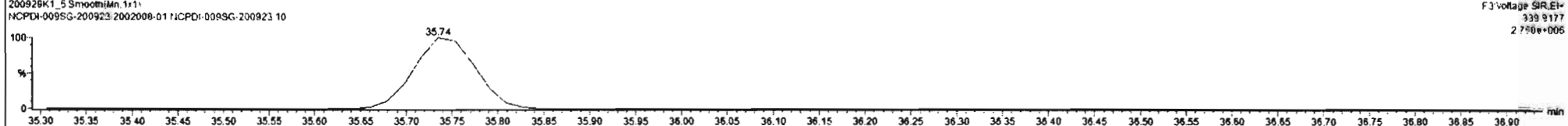
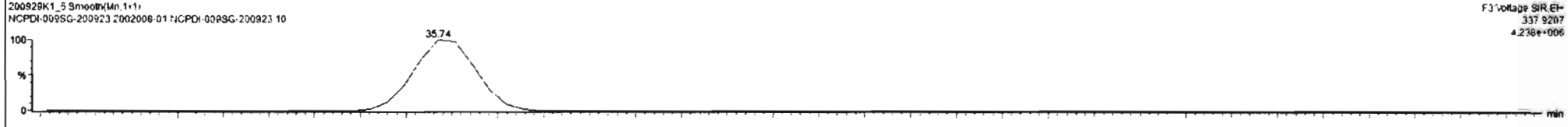
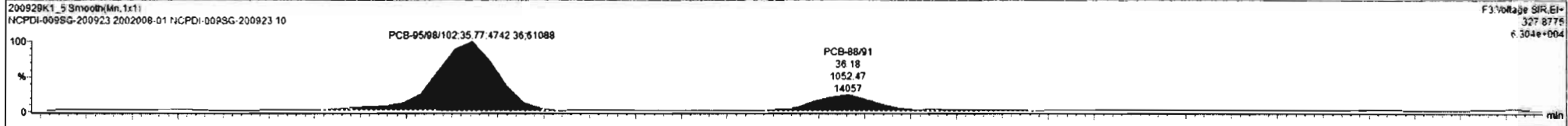
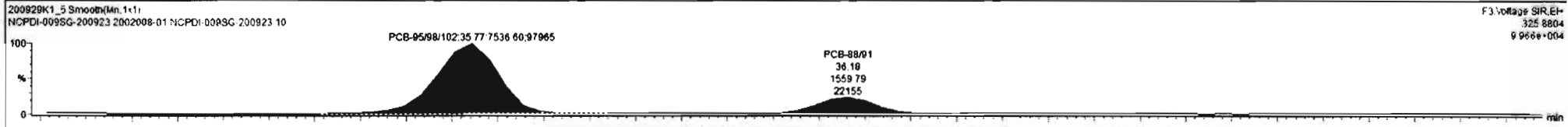
200929K1_5_2002008 01 NCPDI 009SG 200923 10 NCPDI 009SG 200923

#I	#	Name	Resp	IS Resp	IS#	RA	My	RRP	wt/wt	Pred.RT	RT	RRT	Pred.RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	2	Total Tetra-PCBs						1.523	0.00	0.000	NO		0.000	NO	708.6	48.2	731.4	
229	2	3rd Function Penta-PCBs						1.523	0.00	0.000	NO		0.000	NO	1024	42.2	1057	
230	2	4th Function Penta-PCBs						1.523	0.00	0.000	NO		0.000	NO	58.82	10.3	62.38	
231	2	3rd Function Hexa-PCBs						1.523	0.00	0.000	NO		0.000	NO	349.4	18.1	359.3	
232	2	4th Function Hexa-PCBs						1.523	0.00	0.000	NO		0.000	NO	818.7	20.5	851.4	
233	2	Total Hepta-PCBs						1.523	0.00	0.000	NO		0.000	NO	691.8	18.7	747.1	
234	2	4th Function Octa-PCBs						1.523	0.00	0.000	NO		0.000	NO	214.0	8.34	220.8	
235	2	5th Function Octa-PCBs						1.523	0.00	0.000	NO		0.000	NO	59.89	3.91	79.92	
236	2	Total Nona-PCBs						1.523	0.00	0.000	NO		0.000	NO	211.0	4.56	222.5	
237	2	Deca-CB						1.523	0.00	0.000	NO		0.000	NO	153.0	0.680	153.0	
238	2	Total PCBs																
239	2	Total Mono-isotopes																
240	2	Total Di-isotopes																
241	2	2nd Function Tri-isotopes																
242	2	3rd Function Tri-isotopes																





#	Name	Reap	IS Reap	IS	RA	dy	RRT	wt/val	Pred.RT	RT	RRT	Pred.RRT	Check RRT	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs						1.523	0.00				0.000	NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs						1.523	0.00				0.000	NO	1918		42.2	1048
230	4th Function Penta-PCBs						1.523	0.00				0.000	NO	58.52		10.3	62.38
231	3rd Function Hexa-PCBs						1.523	0.00				0.000	NO	349.4		18.1	359.3
232	4th Function Hexa-PCBs						1.523	0.00				0.000	NO	818.7		20.5	851.4
233	Total Hepta-PCBs						1.523	0.00				0.000	NO	691.8		18.7	747.1
234	4th Function Octa-PCBs						1.523	0.00				0.000	NO	214.0		6.34	220.8
235	5th Function Octa-PCBs						1.523	0.00				0.000	NO	59.89		3.91	79.82
236	Total Nona-PCBs						1.523	0.00				0.000	NO	211.0		4.56	222.5
237	Deca-CB						1.523	0.00				0.000	NO	153.0		0.680	153.0
238	Total PCBs																
239	Total Mono-isotopes																
240	Total Di-isotopes																
241	2nd Function Tri-isotopes																
242	3rd Function Tri-isotopes																



Dataset: Untitled

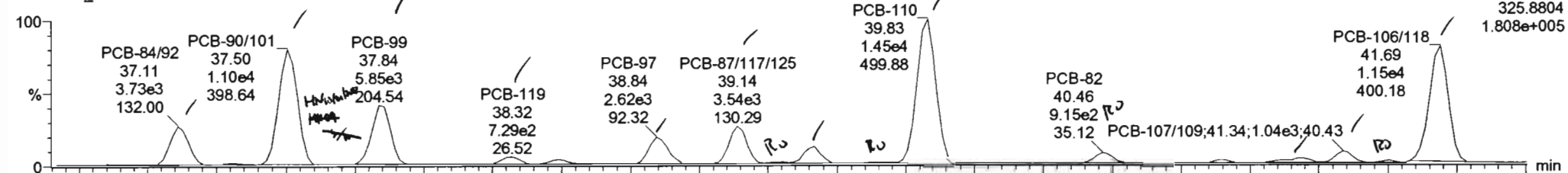
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

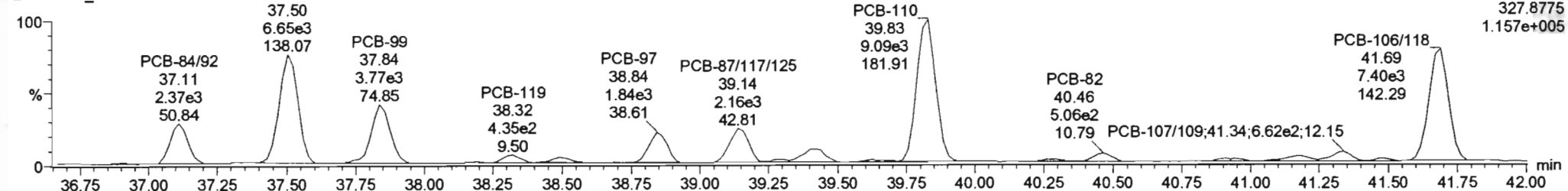
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PCB-119

200929K1_5

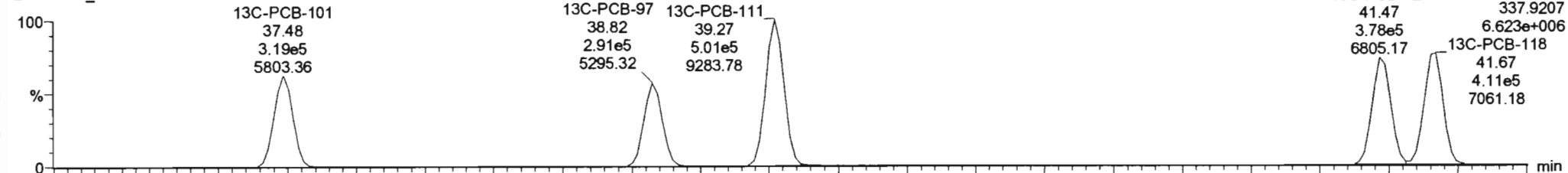


200929K1_5

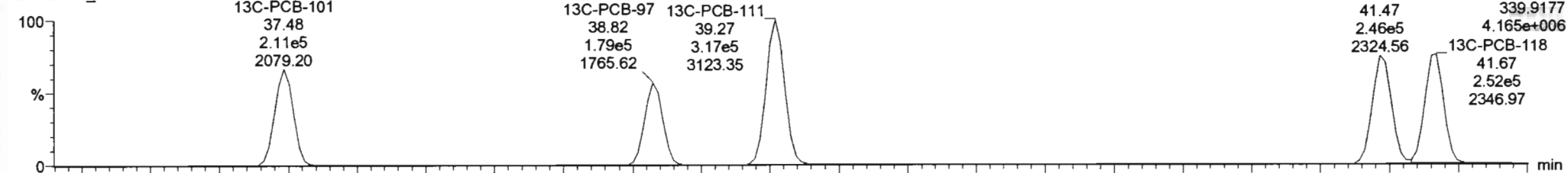


13C-PCB-111

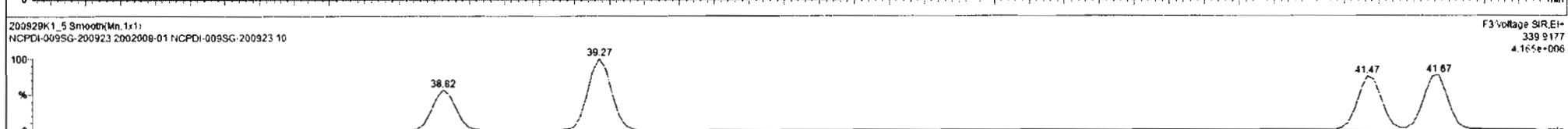
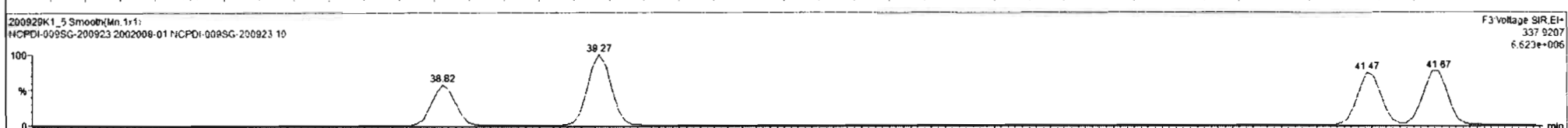
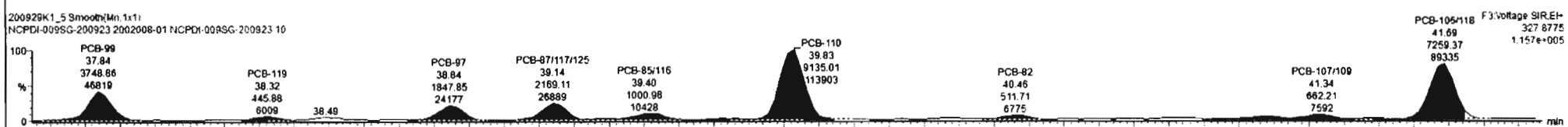
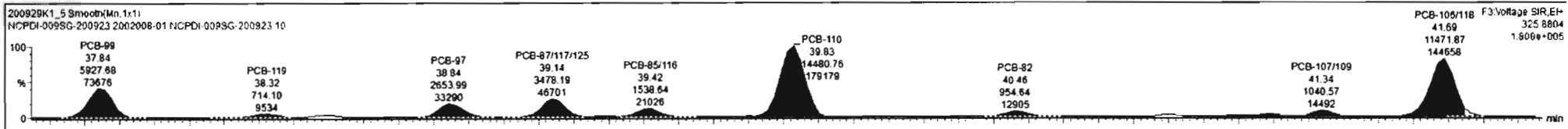
200929K1_5



200929K1_5

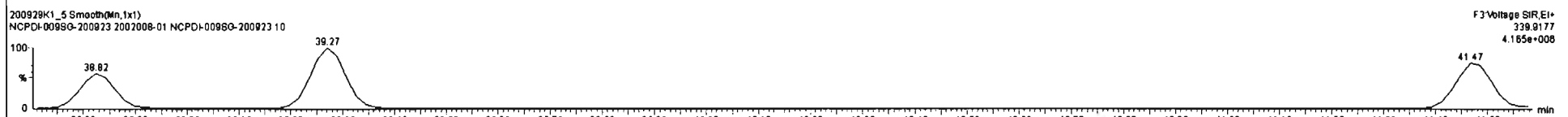
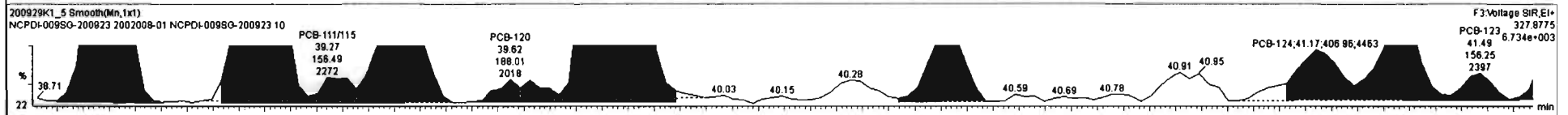
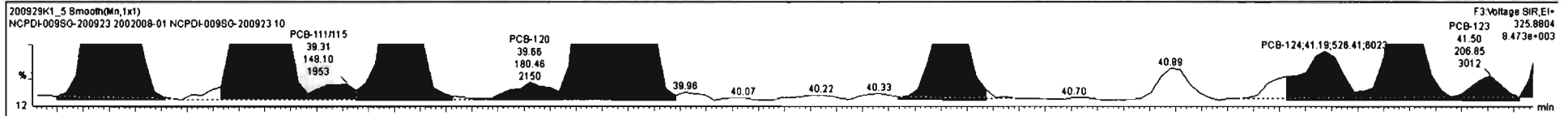


#	Name	Resp	IS Resp	ISB	RA	ny	RRF	wt/Vol	Pred.RT	RT	RRT	Pred.RRT	Check RRT	Conc.	%Rec	DL	EMPC
79	PCB-106/112		4.69e5	188		NO		1.523	38.46			0.991	YES			1.47	
80	PCB-83		4.69e5	188		NO		1.523	38.83			0.995	YES			1.16	
81	PCB-97	4.50e3	4.69e5	188	1.44	NO		1.523	38.84	38.84	1.000	1.000	NO	49.13		1.65	49.13
82	PCB-86		4.69e5	188		NO		1.523	38.98			1.004	YES			1.90	
83	PCB-87/117/125	5.65e3	4.69e5	188	1.60	NO		1.523	39.13	39.14	1.008	1.008	NO	50.69		1.38	50.69
84	PCB-111/115	3.03e2	4.69e5	188	0.93	YES		1.523	39.29	39.31	1.012	1.012	NO	2.218		1.11	1.758
85	PCB-85/116	2.54e3	4.69e5	188	1.54	NO		1.523	39.42	39.42	1.015	1.015	NO	25.19		1.50	25.19
86	PCB-120	3.64e2	4.69e5	188	0.98	YES		1.523	39.67	39.66	1.022	1.022	NO	2.538		1.06	2.066
87	PCB-110	2.36e4	4.69e5	188	1.59	NO		1.523	39.83	39.83	1.026	1.026	NO	189.8		1.22	189.6
88	PCB-82	1.47e3	6.23e5	189	1.87	YES		1.523	40.47	40.48	0.976	0.978	NO	19.77		2.07	17.66
89	PCB-124	1.09e3	6.23e5	189	1.26	YES		1.523	41.17	41.19	0.993	0.993	NO	8.232		1.18	7.520
90	PCB-107/109	1.78e3	6.23e5	189	1.57	NO		1.523	41.32	41.34	0.997	0.996	NO	13.36		1.20	13.36
91	PCB-123	3.18e2	6.23e5	189	0.87	YES		1.523	41.49	41.50	1.001	1.000	NO	2.780		1.35	2.241
92	PCB-106/118	1.87e4	6.83e5	190	1.58	NO		1.523	41.71	41.69	1.000	1.001	NO	152.1		1.31	152.1
93	PCB-114	5.45e2	7.67e5	191	1.94	YES		1.523	42.35	42.37	1.001	1.000	NO	4.084		1.95	3.555



#	Name	Resp	RA	n/y	RRF	wt/Act	Pred.RT	RT	Pred.R.	RRT	RRT F#	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1001		42.3	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.82		10.3	82.38
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	349.4		18.1	359.3
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	681.8		18.7	747.1
234	4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	214.0		6.34	220.8
235	5th Function Octa-PCBs				1.1489	1.523	0.00		0.000		NO	59.89		3.91	79.92

#	Name	Pred.RT	RT	wt Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
66	PCB-103	34.38	34.36	2.889e2	1.998e2	1.560	1.45	NO	4.8418	4.8418
67	PCB-100	34.74	34.73	3.555e2	2.187e2	1.560	1.63	NO	5.5869	5.5869
69	PCB-95/98/102	35.88	35.77	7.537e3	4.742e3	1.560	1.59	NO	122.03	122.03
71	PCB-86/91	36.16	36.18	1.580e3	1.052e3	1.560	1.48	NO	29.366	29.366
73	PCB-84/82	37.11	37.11	3.730e3	2.374e3	1.560	1.57	NO	74.262	74.262
75	PCB-90/101	37.50	37.50	1.098e4	6.648e3	1.560	1.65	NO	194.48	194.48
77	PCB-99	37.83	37.84	5.928e3	3.749e3	1.560	1.58	NO	90.734	90.734

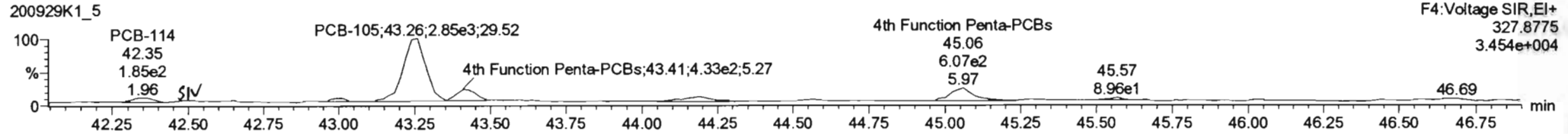


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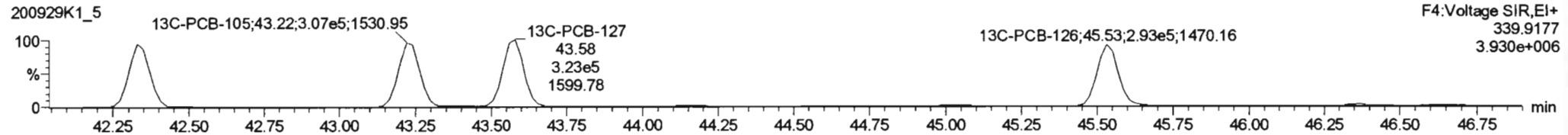
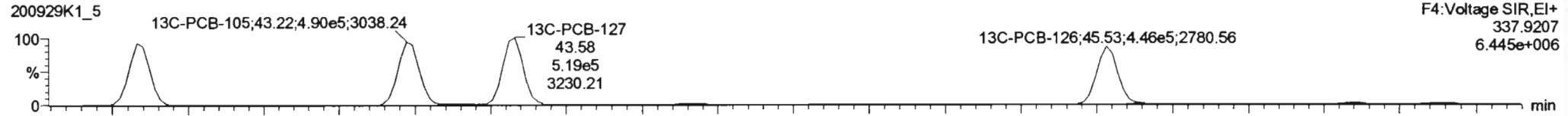
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

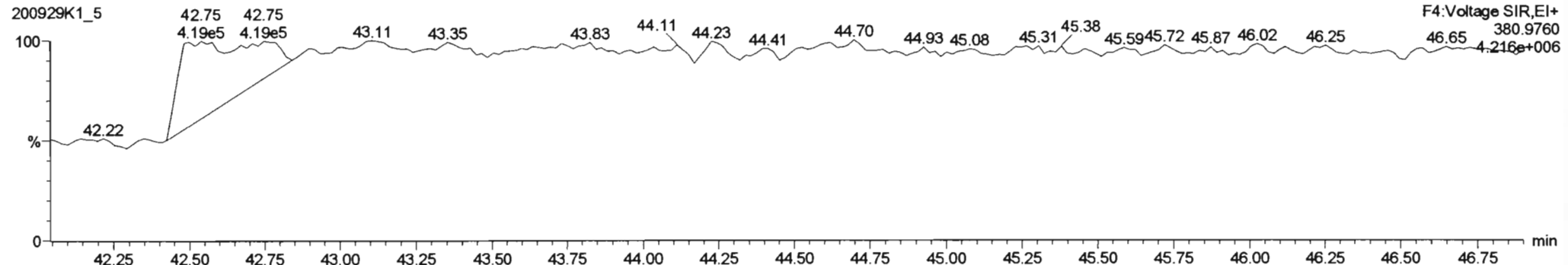
PCB-114



13C-PCB-114

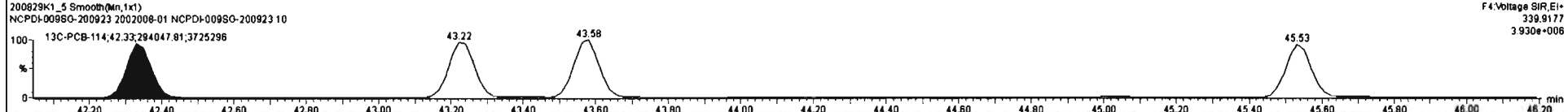
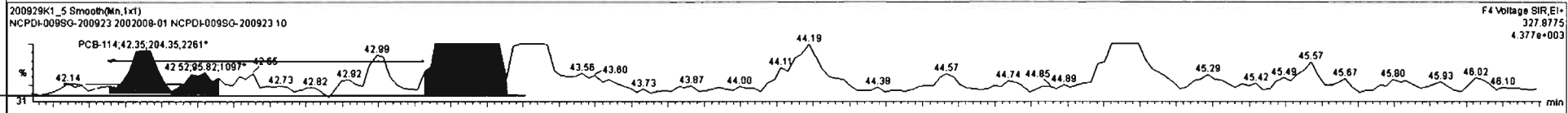
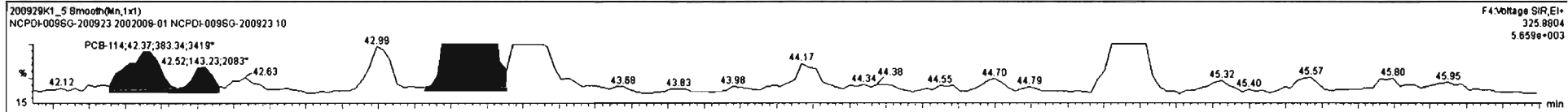


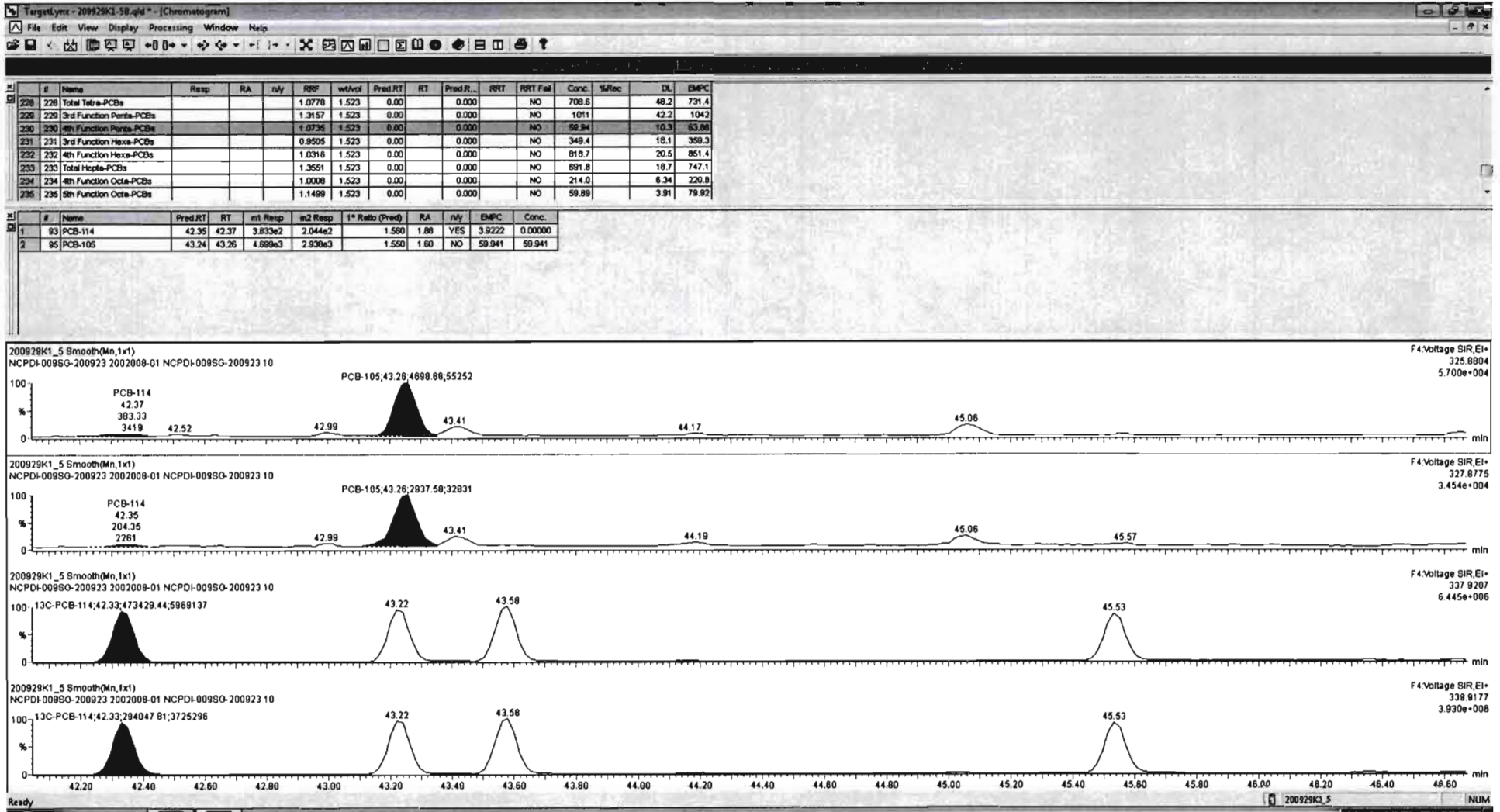
PFK4a



#	Name	Resp	RA	nHy	RRF	wt/Vol	Pred.RT	RT	Pred.H	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.82		10.3	62.36
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	348.4		18.1	359.3
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.6		18.7	747.1
234	4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	214.0		6.34	220.8
235	5th Function Octa-PCBs				1.1499	1.523	0.00		0.000		NO	59.89		3.91	79.92

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nHy	EMPC	Conc
1	93 PCB-114	42.35	42.37	3.59562	1.85262	1.560	1.94	YES	3.5552	0.00000
2	95 PCB-105	43.24	43.26	4.64963	2.84663	1.550	1.63	NO	58.824	58.824





Dataset: Untitled

Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

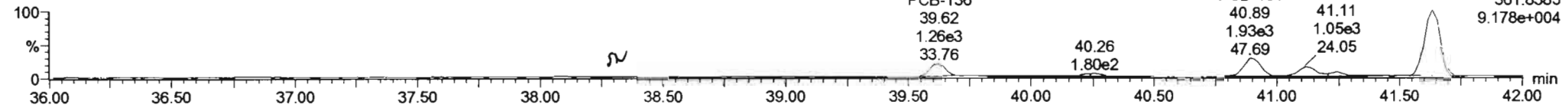
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PCB-155

200929K1_5

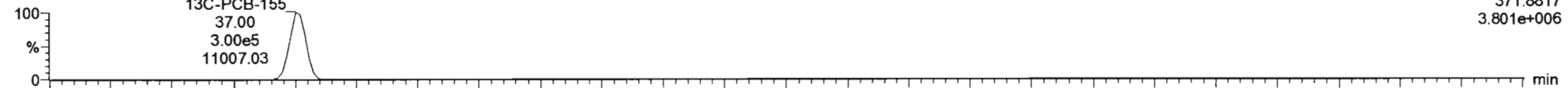


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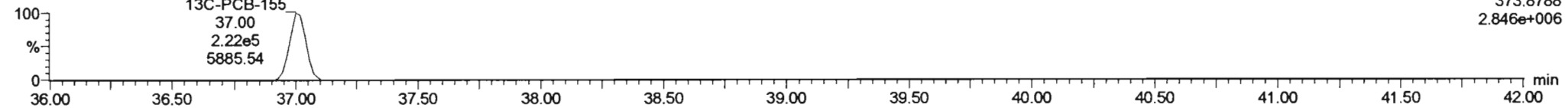


13C-PCB-155

200929K1_5

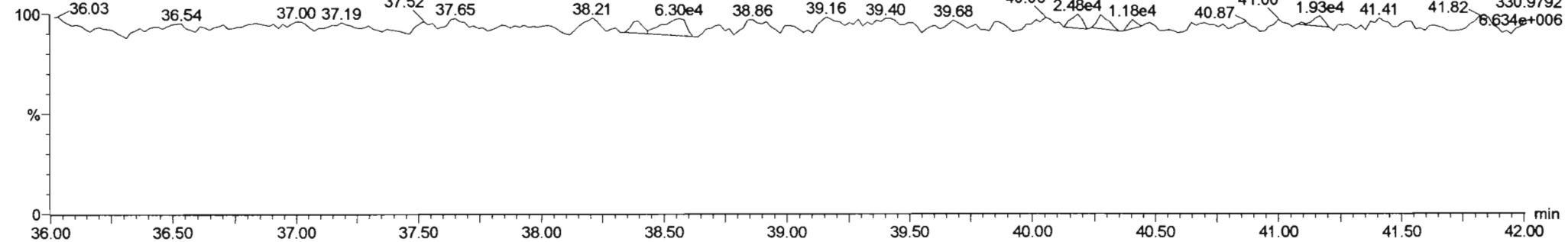


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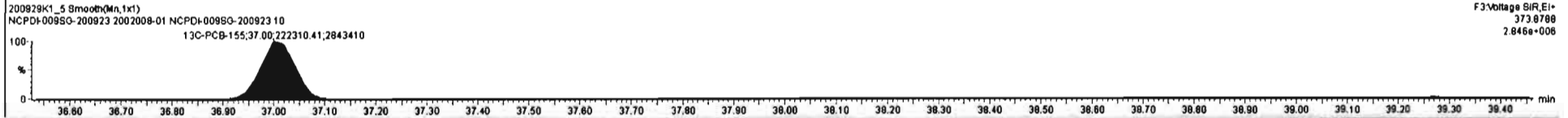
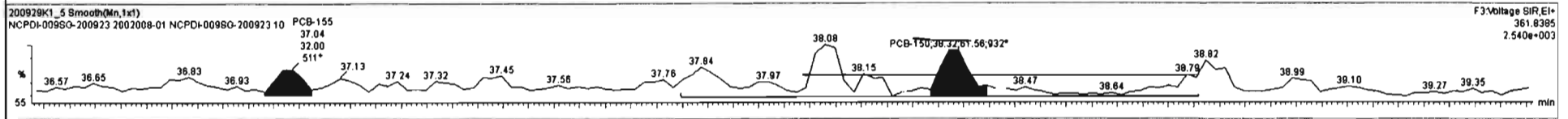
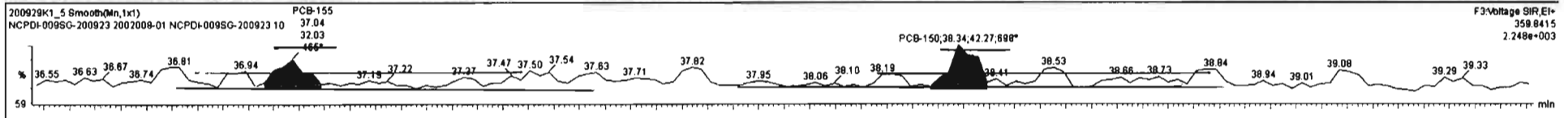
PFK3c

200929K1_5



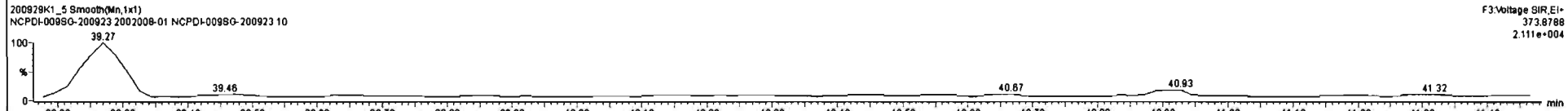
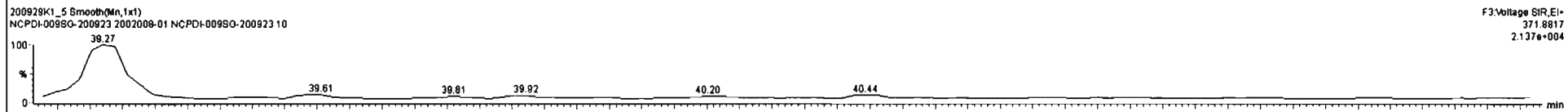
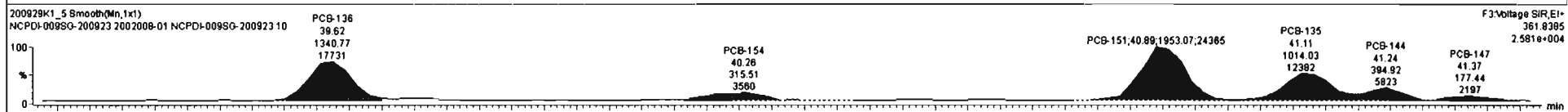
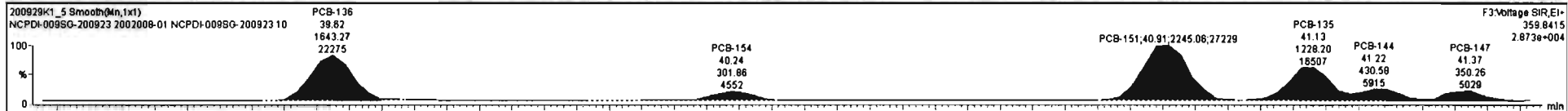
#	Name	Resp	RA	nV	RT/F	Int/Std	Pred RT	RT	Pred R...	RT/F	RT/F Std	Conc	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	78.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	354.4		19.1	369.5
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1

#	Name	Pred RT	RT	#1 Resp	#2 Resp	1* Ratio (Pred)	RA	nV	EMPC	Conc
1	98 PCB-155	37.02	37.04	2.835e1	2.413e1	1.240	1.09	NO	0.60789	0.60789
2	99 PCB-150	38.34	38.34	3.422e1	5.209e1	1.240	0.66	YES	0.71682	0.00000
3	102 PCB-136	39.63	39.62	1.843e3	1.341e3	1.240	1.23	NO	36.726	36.726
4	104 PCB-154	40.24	40.24	3.019e2	3.155e2	1.240	0.96	YES	7.4556	0.00000
5	105 PCB-151	40.91	40.91	2.245e3	1.953e3	1.240	1.15	NO	67.064	67.064
6	106 PCB-135	41.13	41.13	1.228e3	1.014e3	1.240	1.21	NO	30.547	30.547
7	107 PCB-144	41.23	41.22	4.305e2	3.949e2	1.240	1.09	NO	13.147	13.147
8	108 PCB-147	41.38	41.37	3.503e2	1.774e2	1.240	1.97	YES	5.9843	0.00000



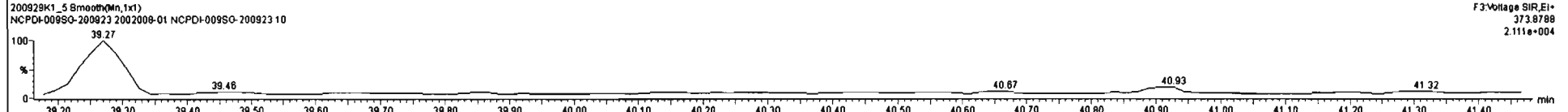
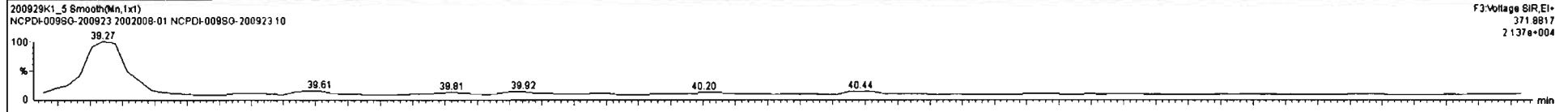
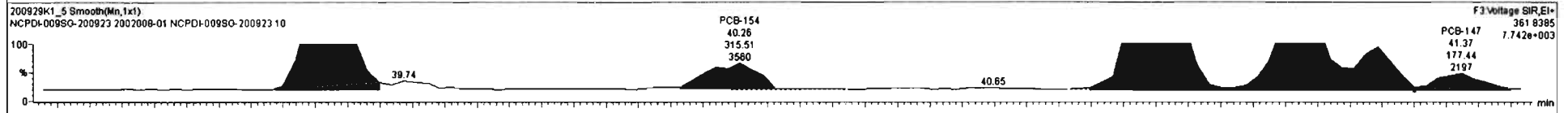
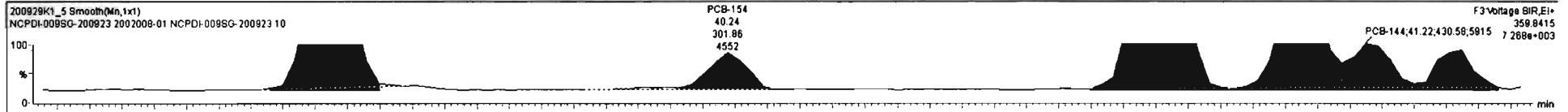
#	Name	Resp	RA	rvy	RPF	wt/Avol	Pred.RT	RT	Pred.R...	RRE	PRT Fail	Conc.	%Rec	DL	EMPC
226	226	2nd Function Tri-PCBs			1.0807	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	227	3rd Function Tri-PCBs			0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	228	Total Tetra-PCBs			1.0778	1.523	0.00		0.000		NO	708.8		48.2	731.4
229	229	3rd Function Penta-PCBs			1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230	4th Function Penta-PCBs			1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	231	3rd Function Hexa-PCBs			0.9505	1.523	0.00		0.000		NO	353.7		18.1	369.8
232	232	4th Function Hexa-PCBs			1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	233	Total Hepta-PCBs			1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1

#	Name	Pred.RT	RT	int. Resp	net Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	98 PCB-155	37.02	37.04	3.203e1	3.200e1	1.240	1.00	YES	0.89684	0.00000
2	99 PCB-150	38.34	38.34	4.227e1	6.156e1	1.240	0.69	YES	0.86559	0.00000
3	102 PCB-136	39.83	39.82	1.643e3	1.341e3	1.240	1.23	NO	36.726	36.726
4	104 PCB-154	40.24	40.24	3.019e2	3.155e2	1.240	0.96	YES	7.4556	0.00000
5	105 PCB-151	40.81	40.81	2.245e3	1.953e3	1.240	1.15	NO	67.064	67.064
6	106 PCB-135	41.13	41.13	1.228e3	1.014e3	1.240	1.21	NO	30.547	30.547
7	107 PCB-144	41.23	41.22	4.308e2	3.949e2	1.240	1.09	NO	13.147	13.147
8	108 PCB-147	41.38	41.37	3.503e2	1.774e2	1.240	1.97	YES	5.9843	0.00000



#	Name	Resp	RA	rvly	RRF	wtAvcl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.8		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		19.1	369.8
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	818.7		20.5	851.4
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1

#	Name	Pred.RT	RT	wt Resp	m2 Resp	1* Ratio (Pred)	RA	rvly	EMPC	Conc.
1	98 PCB-166	37.02	37.04	3.203e1	3.200e1	1.240	1.00	YES	0.89684	0.00000
2	99 PCB-150	38.34	38.34	4.227e1	6.156e1	1.240	0.69	YES	0.89559	0.00000
3	102 PCB-136	39.63	39.62	1.843e3	1.341e3	1.240	1.23	NO	36.726	36.726
4	104 PCB-154	40.24	40.24	3.019e2	3.155e2	1.240	0.96	YES	7.4556	0.00000
5	105 PCB-151	40.91	40.91	2.245e3	1.953e3	1.240	1.15	NO	67.064	67.064
6	106 PCB-135	41.13	41.13	1.226e3	1.014e3	1.240	1.21	NO	30.547	30.547
7	107 PCB-144	41.23	41.22	4.306e2	3.949e2	1.240	1.09	NO	13.147	13.147
8	108 PCB-147	41.36	41.37	3.503e2	1.774e2	1.240	1.97	YES	5.9843	0.00000

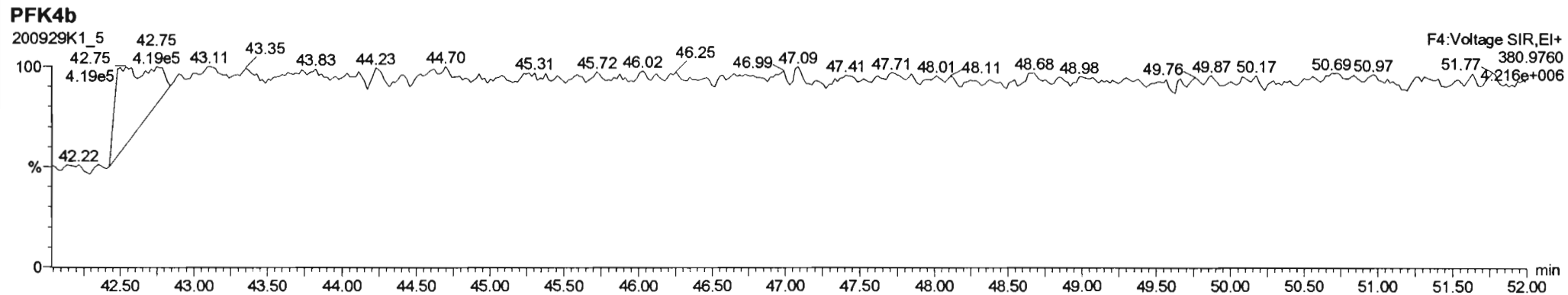
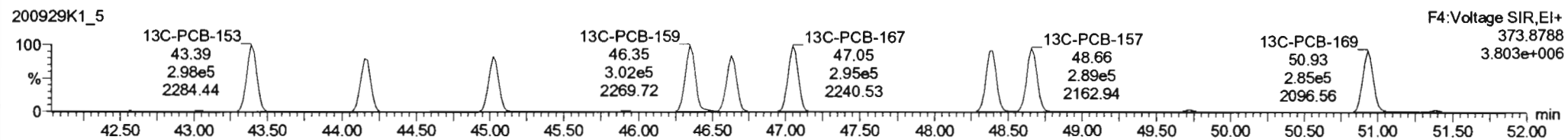
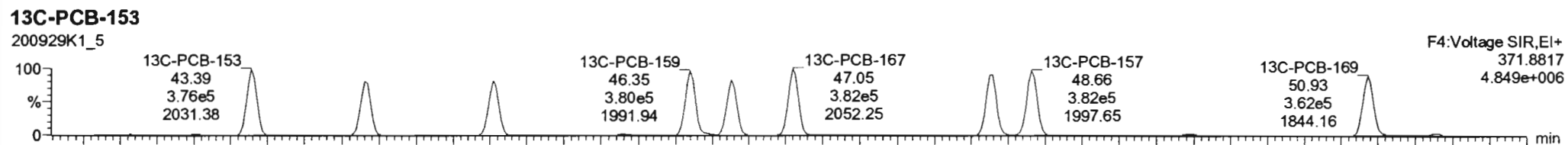
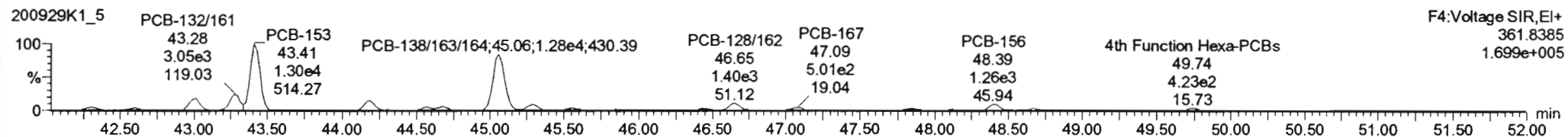
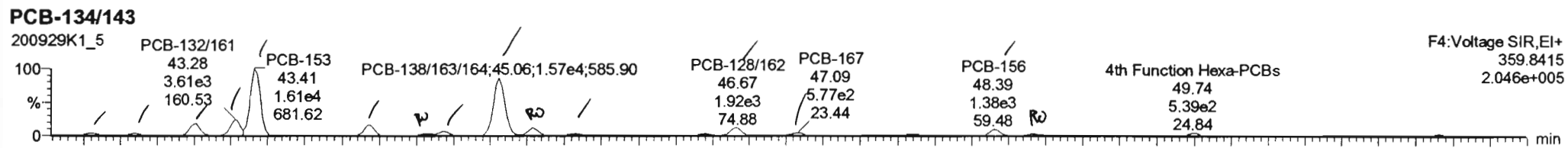


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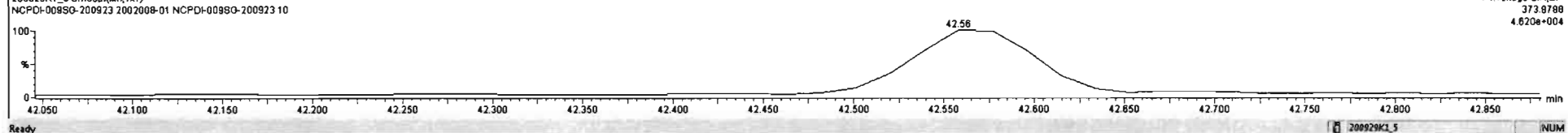
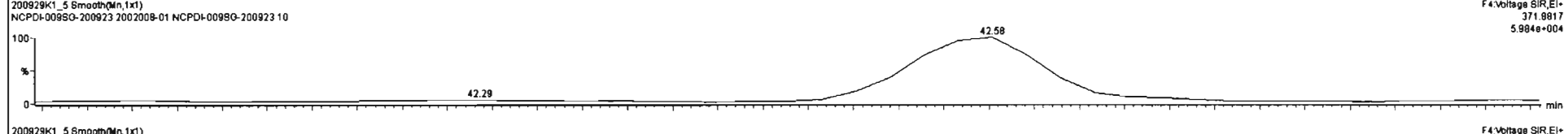
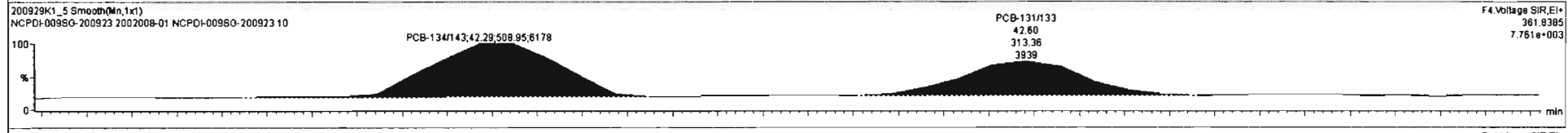
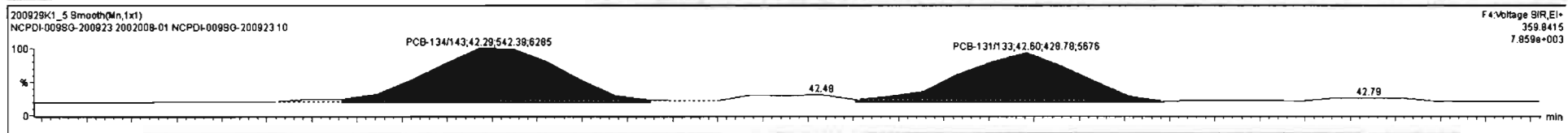
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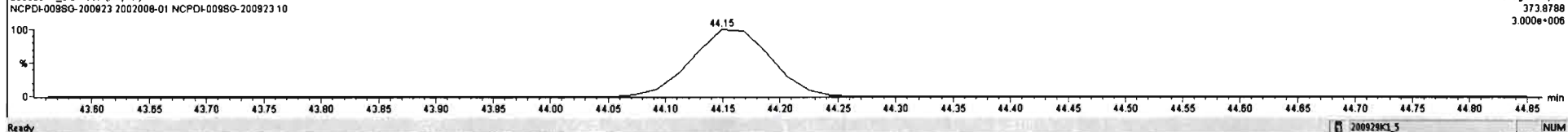
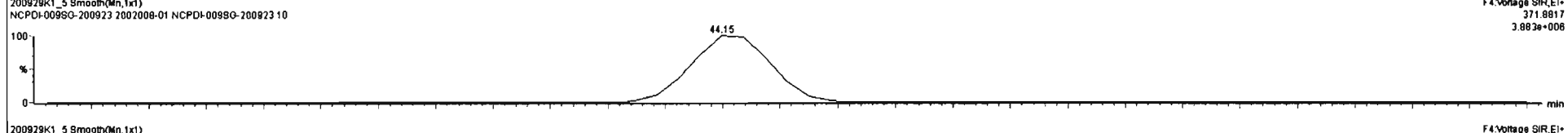
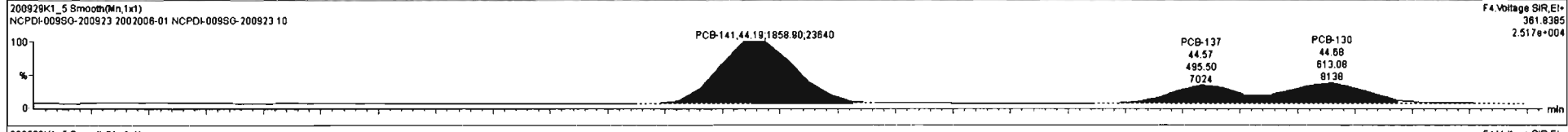
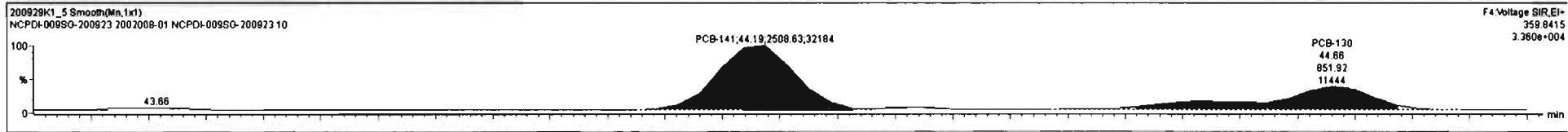
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226	2nd Function Tri-PCBs				1.0807	1.523	0.00	0.000			NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00	0.000			NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00	0.000			NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00	0.000			NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00	0.000			NO	58.84		10.3	83.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00	0.000			NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00	0.000			NO	811.1		20.5	848.1
233	Total Hepta-PCBs				1.3551	1.523	0.00	0.000			NO	681.8		18.7	747.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	111 PCB-134/143	42.29	42.29	5.424e2	5.090e2	1.240	1.07	NO	13.481	13.491
2	112 PCB-131/133	42.58	42.60	4.288e2	3.134e2	1.240	1.37	NO	8.8055	8.8055
3	114 PCB-146/165	42.97	43.01	2.828e3	2.354e3	1.240	1.20	NO	49.638	49.638
4	115 PCB-132/161	43.22	43.28	3.606e3	3.049e3	1.240	1.16	NO	63.275	63.275
5	116 PCB-153	43.41	43.41	1.612e4	1.297e4	1.240	1.24	NO	264.58	264.58



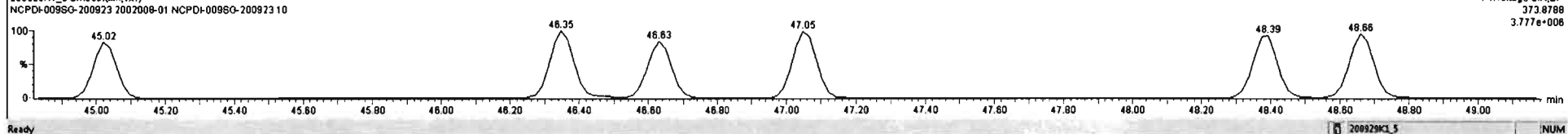
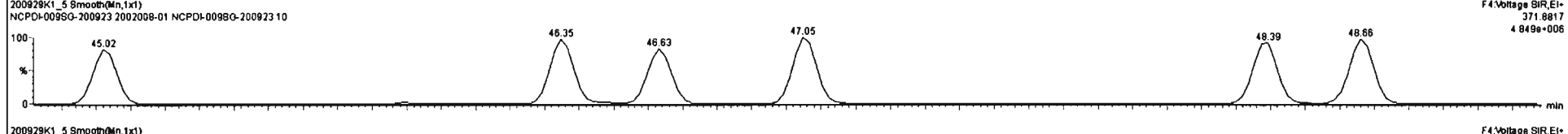
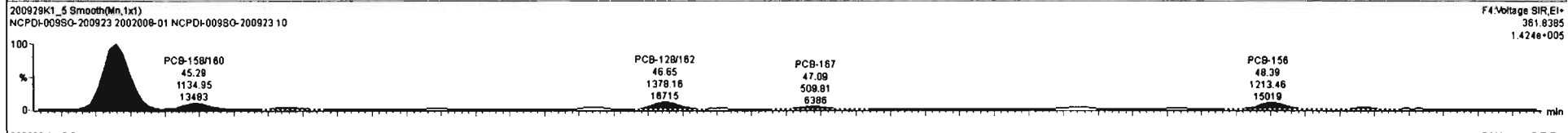
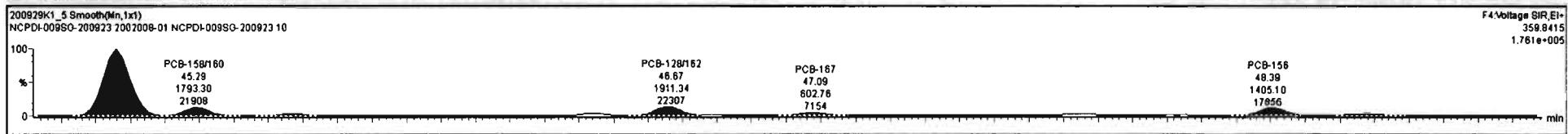
#	Name	Resp	RA	rvy	RVF	wtAvd	Pred.RT	RT	Pred.R...	PRT	PRT Fail	Conc	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.623	0.00		0.000		NO	76.08		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0318	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	111 PCB-134/143	42.28	42.29	5.424e2	5.080e2	1.240	1.07	NO	13.491	13.491
2	112 PCB-131/133	42.58	42.60	4.289e2	3.134e2	1.240	1.37	NO	8.8055	8.8055
3	114 PCB-146/165	42.97	43.01	2.820e3	2.354e3	1.240	1.20	NO	49.638	49.638
4	115 PCB-132/161	43.22	43.28	3.806e3	3.049e3	1.240	1.18	NO	63.275	63.275
5	116 PCB-153	43.41	43.41	1.812e4	1.297e4	1.240	1.24	NO	264.58	264.58



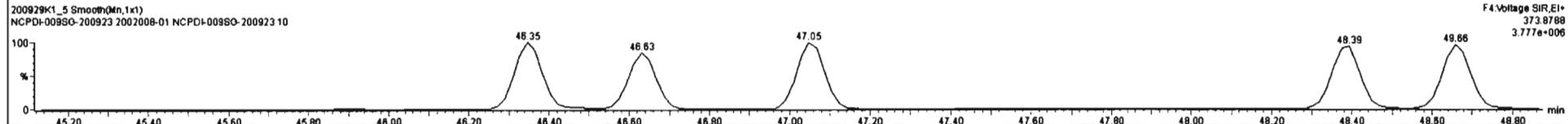
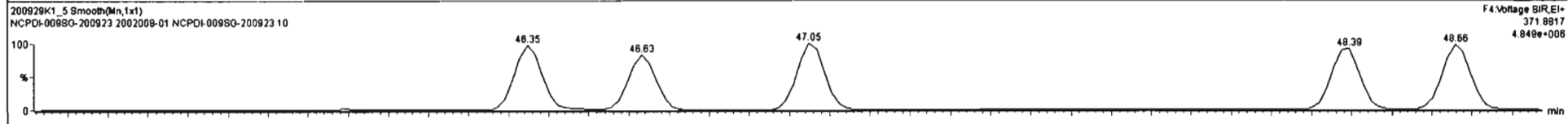
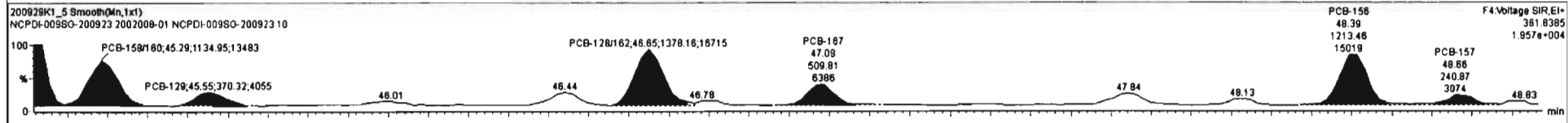
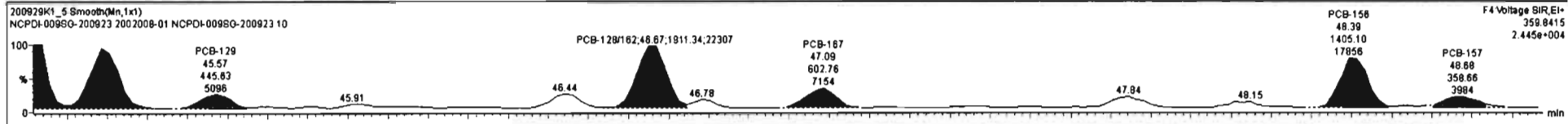
#	Name	Resp	RA	n/y	IRF	wt%cl	Pred.RT	RT	Pred.R...	IRT	IRT Fail	Conc.	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9829	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		30.5	848.8
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	691.8		18.7	747.1

#	Name	Pred.RT	RT	int Resp	ex2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.29	42.29	5.424e2	5.090e2	1.240	1.07	NO	13.491	13.491
2	112 PCB-131/133	42.59	42.60	4.289e2	3.134e2	1.240	1.37	NO	8.8055	8.8055
3	114 PCB-146/165	42.97	43.01	2.828e3	2.354e3	1.240	1.20	NO	49.638	49.638
4	115 PCB-132/161	43.22	43.28	3.806e3	3.049e3	1.240	1.18	NO	63.275	63.275
5	116 PCB-153	43.41	43.41	1.812e4	1.297e4	1.240	1.24	NO	284.58	284.58



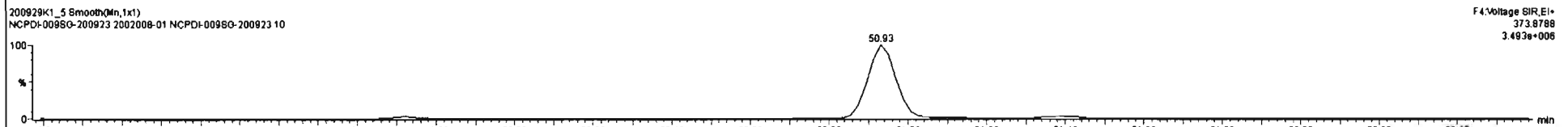
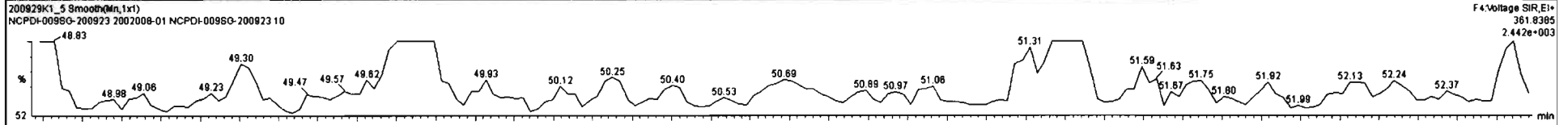
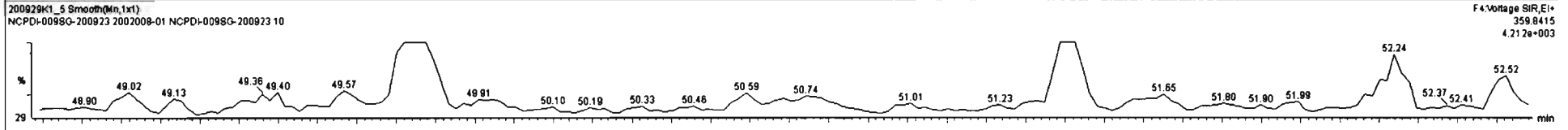
#	Name	Resp	RA	n/y	RF	wt/dl	Pred.RT	RT	Pred.R...	RFT	RFT Fail	Conc.	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0907	1.523	0.00	0.000	NO			76.09	8.93	79.71	
227	3rd Function Tri-PCBs				0.9828	1.523	0.00	0.000	NO			174.0	20.8	179.5	
228	Total Tetra-PCBs				1.0778	1.523	0.00	0.000	NO			708.6	48.2	731.4	
229	3rd Function Penta-PCBs				1.3157	1.523	0.00	0.000	NO			1011	42.2	1042	
230	4th Function Penta-PCBs				1.0735	1.523	0.00	0.000	NO			58.94	10.3	63.86	
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00	0.000	NO			353.7	18.1	367.2	
232	4th Function Hexa-PCBs				1.0318	1.523	0.00	0.000	NO			812.8	20.5	848.8	
233	Total Hepta-PCBs				1.3551	1.523	0.00	0.000	NO			891.8	18.7	747.1	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-134/143	42.29	42.29	5.424e2	5.090e2	1.240	1.07	NO	13.491	13.491
2	PCB-131/133	42.59	42.60	4.289e2	3.134e2	1.240	1.37	NO	8.8055	8.8055
3	PCB-146/165	42.97	43.01	2.828e3	2.354e3	1.240	1.20	NO	49.838	49.838
4	PCB-132/161	43.22	43.28	3.806e3	3.049e3	1.240	1.18	NO	63.275	63.275
5	PCB-153	43.41	43.41	1.812e4	1.297e4	1.240	1.24	NO	264.58	264.58



#	Name	Resp	RA	rvy	RFV	wt/ct	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	227 3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	228 Total Tri-PCBs				1.0778	1.523	0.00		0.000		NO	708.8		48.2	731.4
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.94		10.3	63.86
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	233 Total Hexa-PCBs				1.3551	1.523	0.00		0.000		NO	891.8		18.7	747.1

#	Name	Pred.RT	RT	art Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	111 PCB-1347143	42.29	42.29	5.424e2	5.080e2	1.240	1.07	NO	13.491	13.491
2	112 PCB-1317133	42.59	42.60	4.288e2	3.134e2	1.240	1.37	NO	8.8055	8.8055
3	114 PCB-1467165	42.97	43.01	2.826e2	2.354e2	1.240	1.20	NO	49.638	49.638



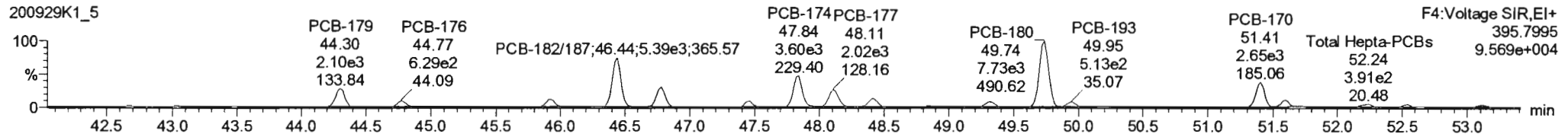
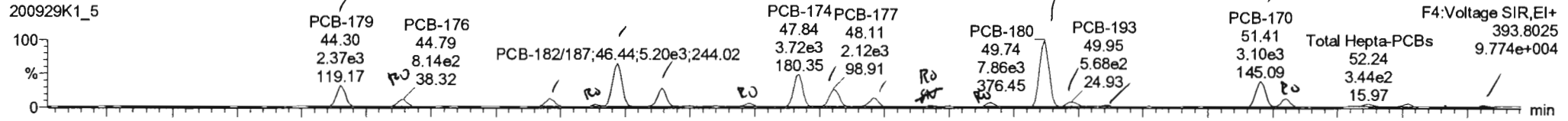
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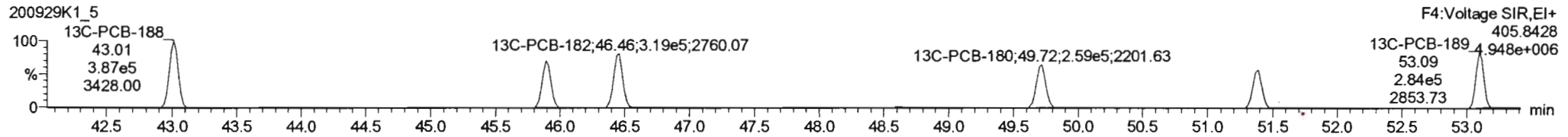
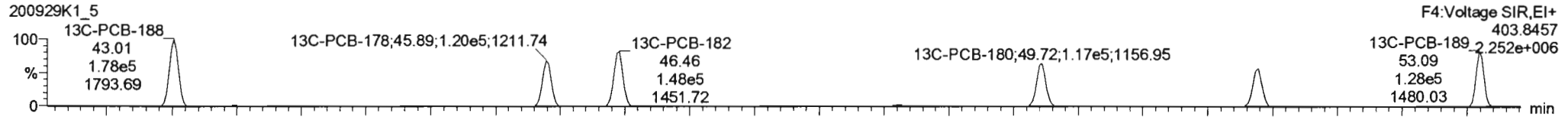
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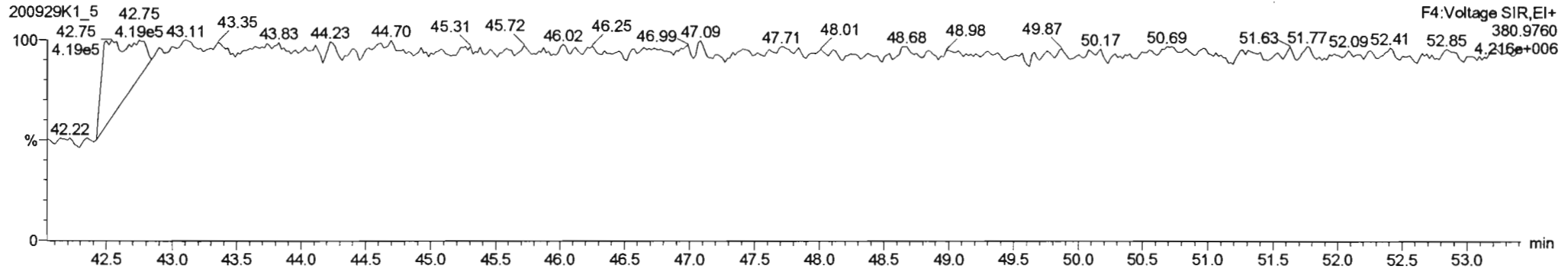
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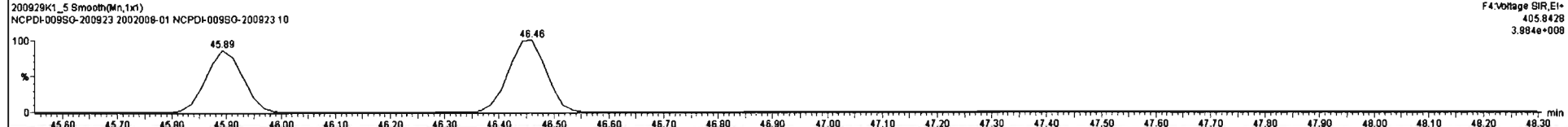
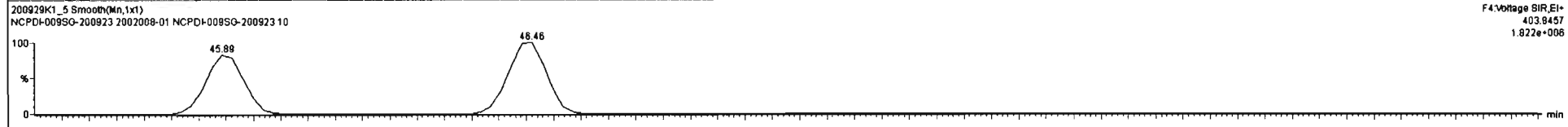
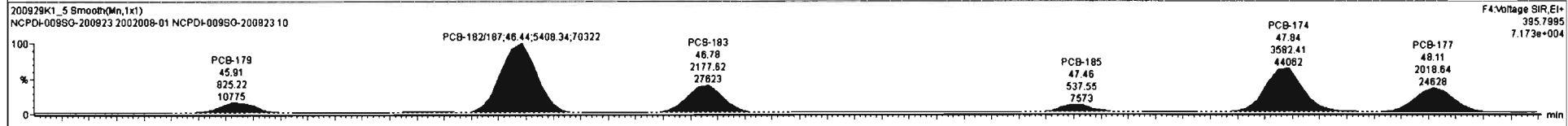
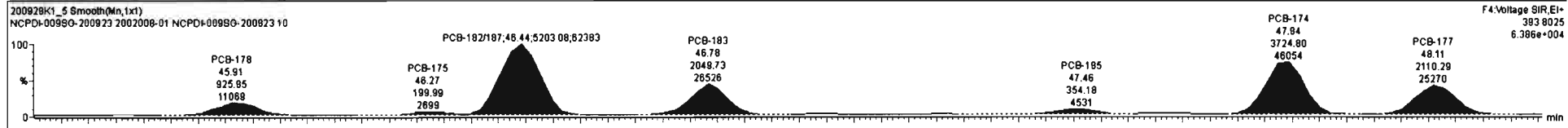


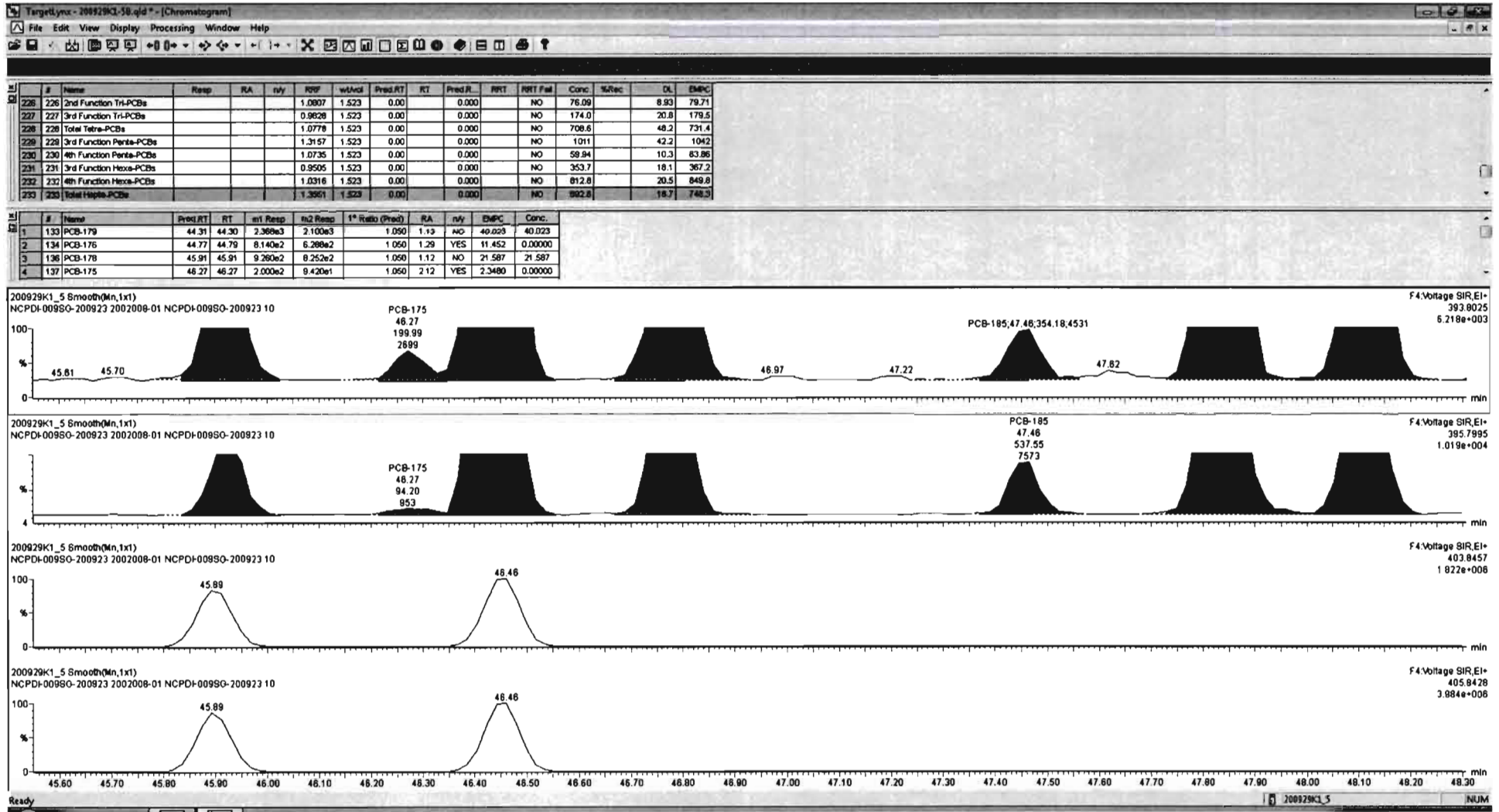
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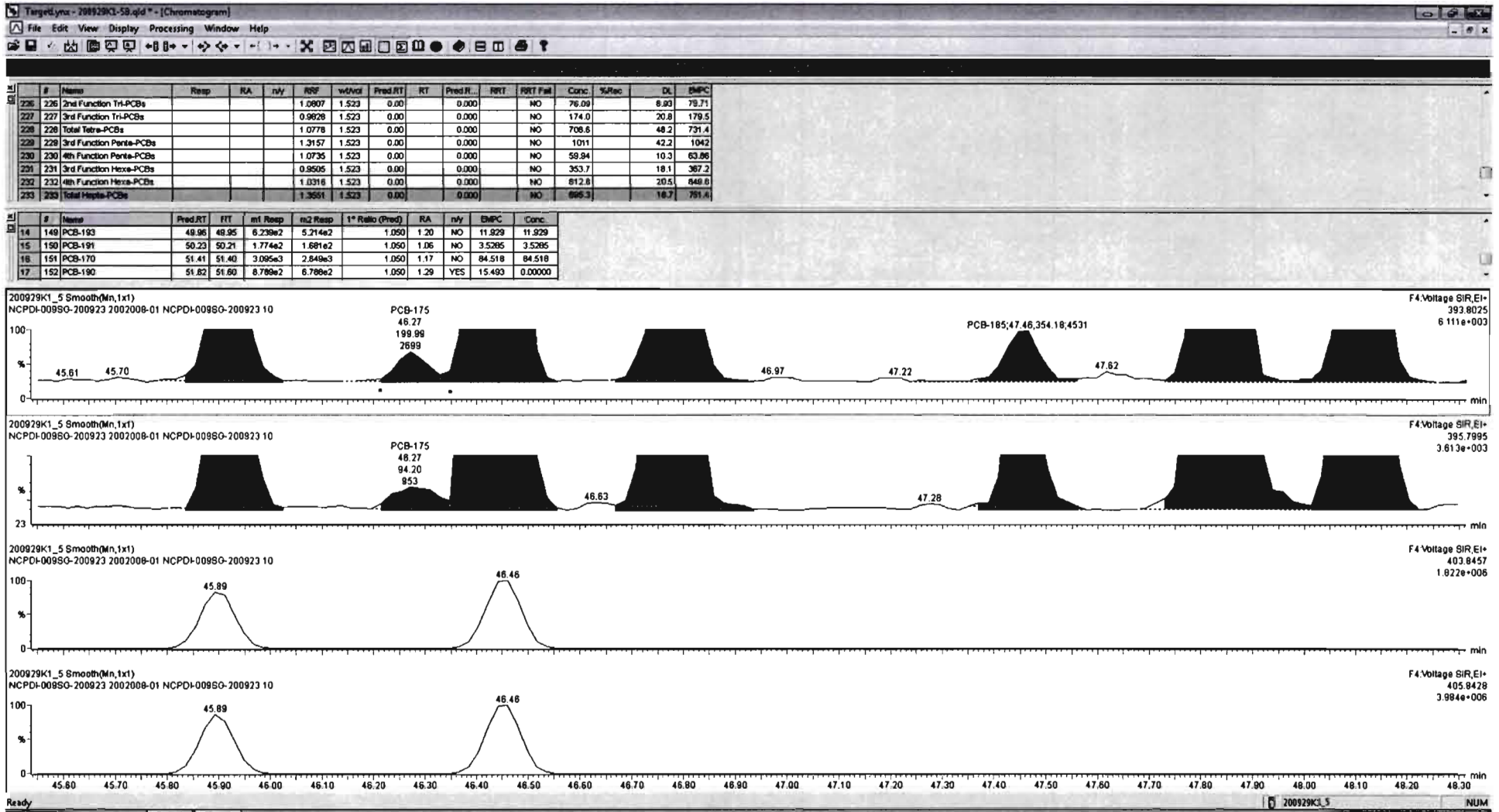


#	Name	Resp	RA	n/y	RRT	wt/Avol	Pred RT	RT	Pred R...	RRT	RRT Flag	Conc	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0607	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9628	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	Total Hepta-PCBs				1.2551	1.523	0.00		0.000		NO	892.8		18.7	748.3

#	Name	Pred RT	RT	Int. Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	2.388e3	2.100e3	1.050	1.13	NO	40.023	40.023
2	134 PCB-176	44.77	44.79	8.140e2	6.288e2	1.050	1.28	YES	11.452	0.00000
3	136 PCB-178	45.91	45.91	9.290e2	8.252e2	1.050	1.12	NO	21.587	21.587
4	137 PCB-175	46.27	46.27	2.000e2	9.420e1	1.050	2.12	YES	2.3480	0.00000

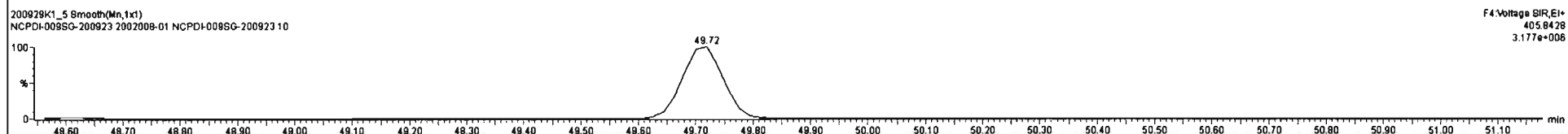
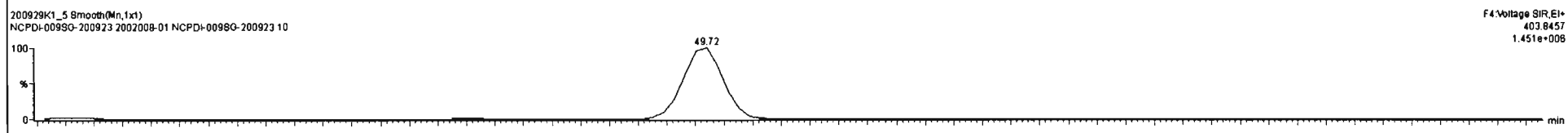
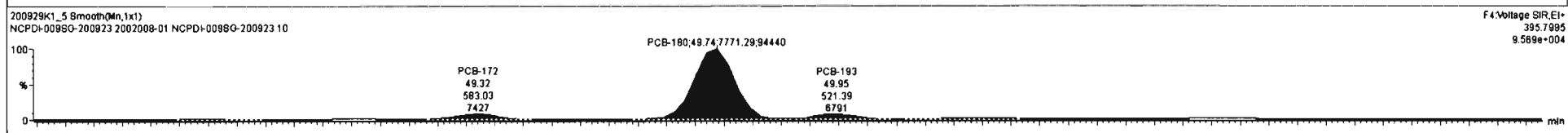
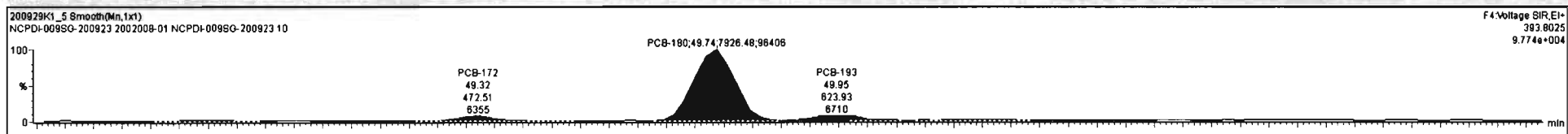


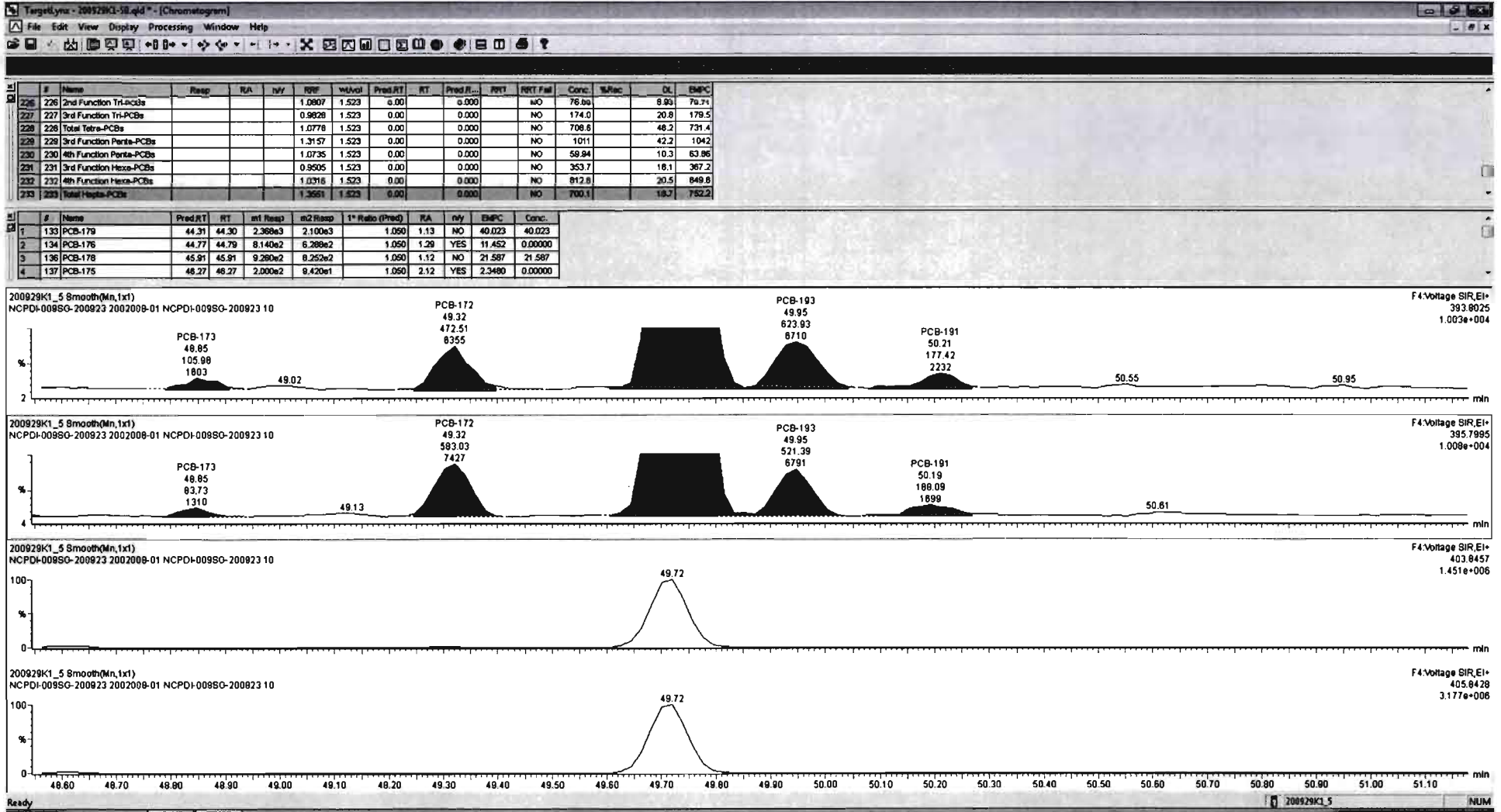


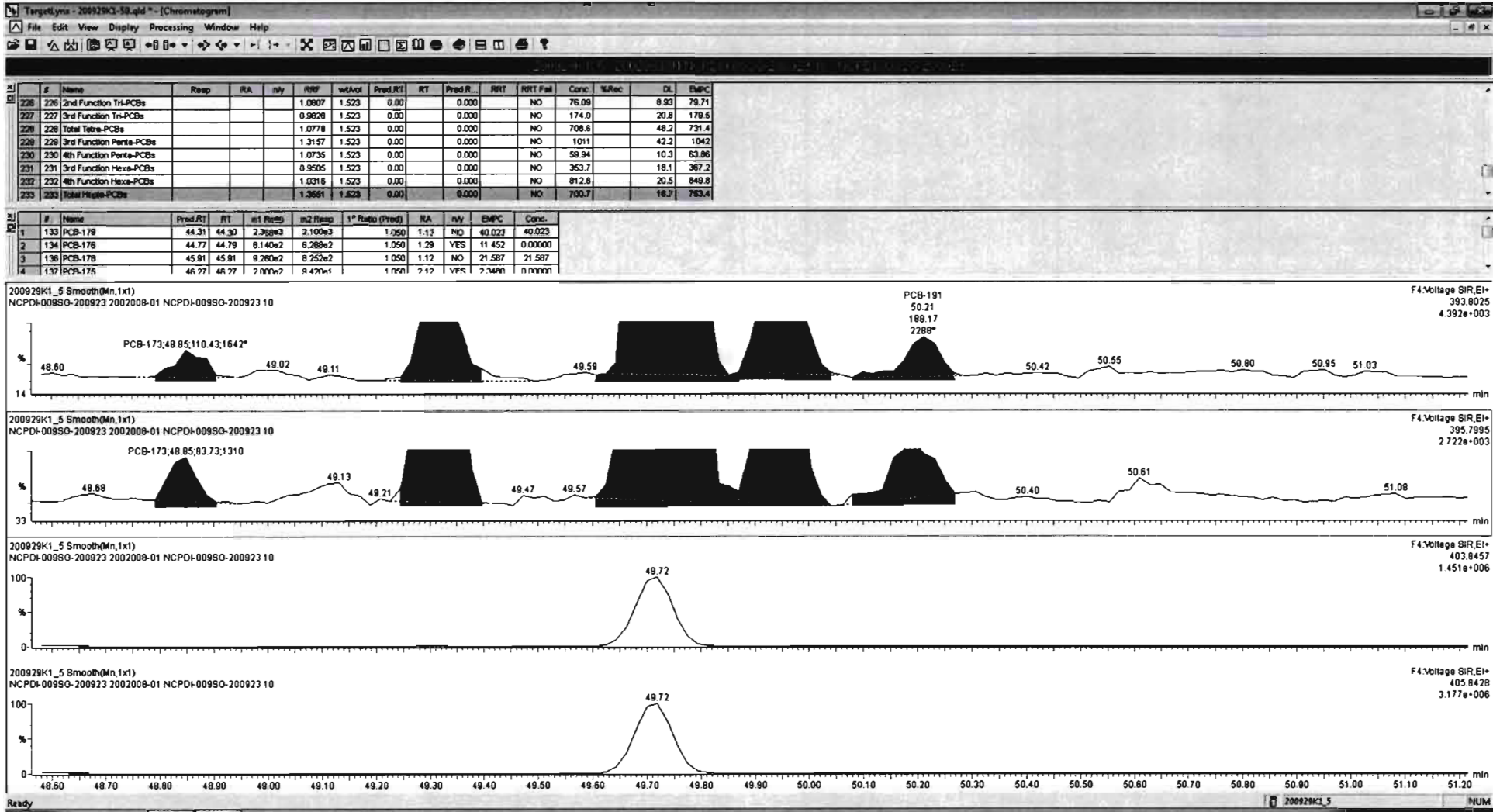


#	Name	Resp	RA	rvy	RRF	ntAcq	Pred.RT	RT	Pred.RT	RRT	RRT Fnl	Conc.	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0907	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9626	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	58.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	700.1		18.7	752.2

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	133 PCB-179	44.31	44.30	2.368e3	2.100e3	1.050	1.13	NO	40.023	40.023
2	134 PCB-176	44.77	44.79	8.140e2	6.288e2	1.050	1.29	YES	11.452	0.00000
3	136 PCB-178	45.91	45.91	9.280e2	8.252e2	1.050	1.12	NO	21.587	21.587
4	137 PCB-175	46.27	46.27	2.000e2	9.420e1	1.050	2.12	YES	2.3480	0.00000

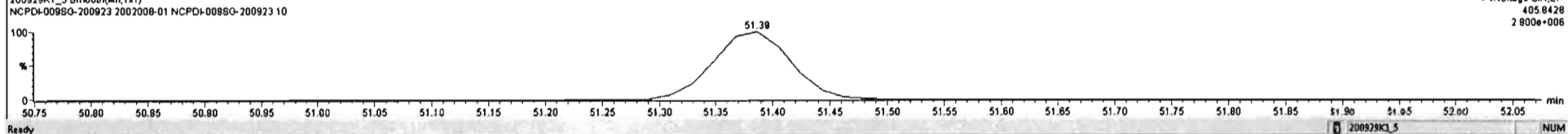
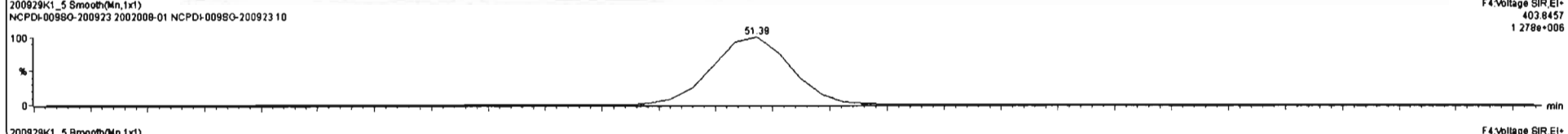
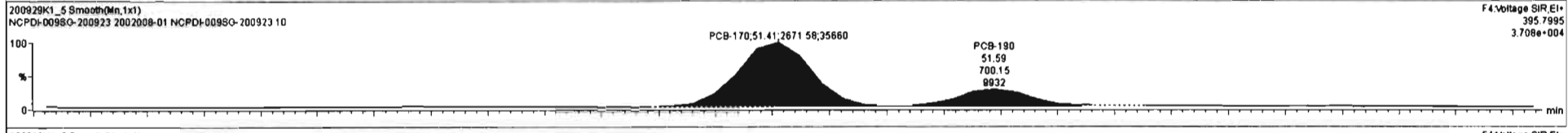
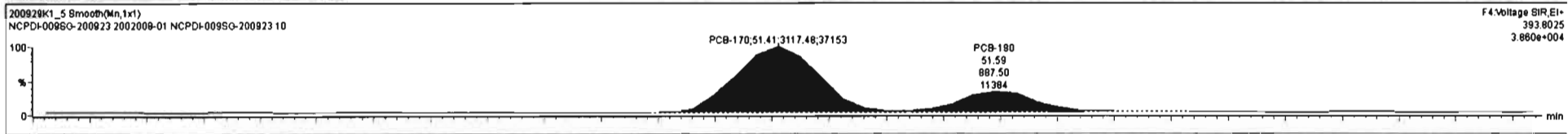






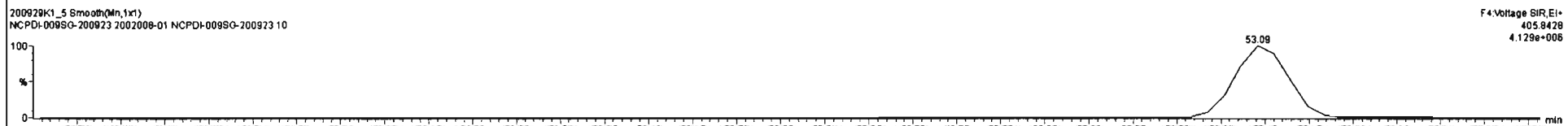
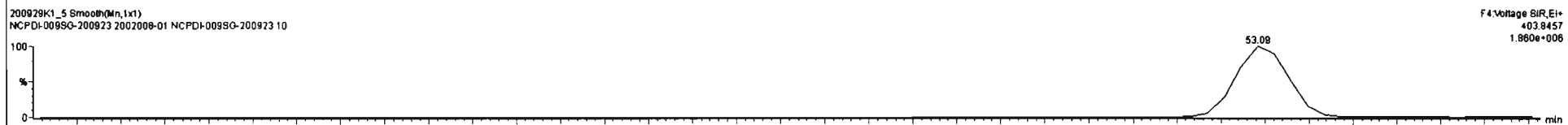
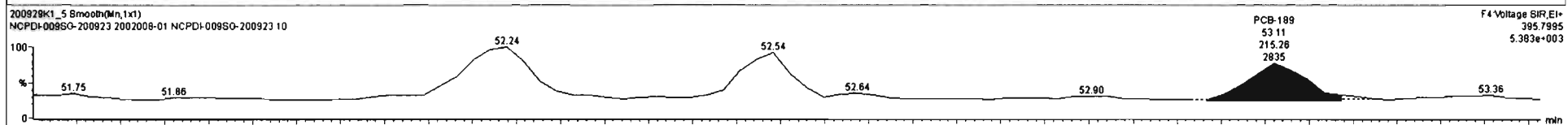
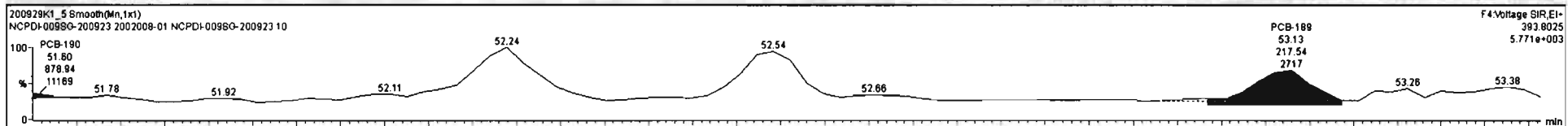
#	Name	Resp	RA	nly	RP	wtAcl	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	76.08		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	178.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.8		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	700.7		18.7	753.4

#	Name	Pred_RT	RT	wt Resp	wt Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	133 PCB-179	44.31	44.30	2.368e3	2.100e3	1.050	1.13	NO	40.023	40.023
2	134 PCB-176	44.77	44.79	8.140e2	6.288e2	1.050	1.29	YES	11.452	0.00000
3	136 PCB-178	45.81	45.81	9.260e2	8.252e2	1.050	1.12	NO	21.587	21.587
4	137 PCB-175	46.27	46.27	2.000e2	9.420e1	1.050	2.12	YES	2.3480	0.00000
5	138 PCB-182/187	46.48	46.44	5.203e3	5.408e3	1.050	0.98	NO	115.73	115.73



#	Name	Resp	RA	n/y	R/R	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fnd	Conc	%Rec	DL	EMPC
226	2nd Function Tri-PCBs				1.0807	1.523	0.00		0.000		NO	76.09		8.93	79.71
227	3rd Function Tri-PCBs				0.9828	1.523	0.00		0.000		NO	174.0		20.8	179.5
228	Total Tetra-PCBs				1.0778	1.523	0.00		0.000		NO	708.6		48.2	731.4
229	3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	Total Hepta-PCBs				1.3561	1.523	0.00		0.000		NO	700.1		18.7	752.2

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	2.368e3	2.100e3	1.050	1.13	NO	40.023	40.023
2	134 PCB-176	44.77	44.79	8.140e2	6.288e2	1.050	1.29	YES	11.452	0.00000
3	136 PCB-178	45.91	45.91	9.260e2	8.252e2	1.050	1.12	NO	21.587	21.587
4	137 PCB-175	46.27	46.27	2.000e2	9.420e1	1.050	2.12	YES	2.3480	0.00000



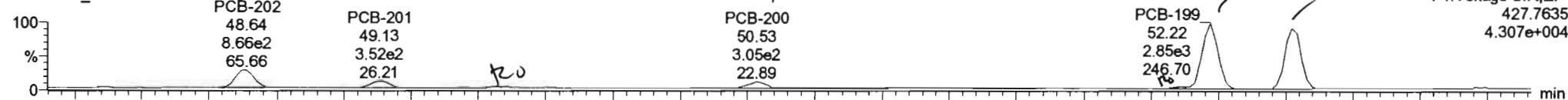
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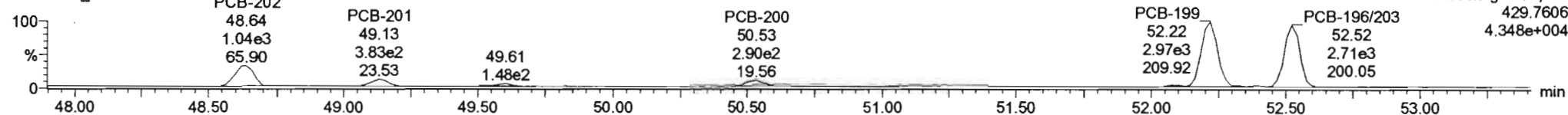
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PCB-202

200929K1_5

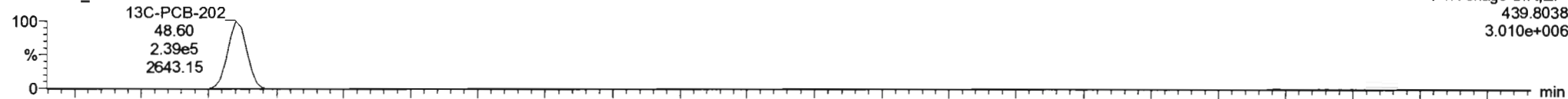


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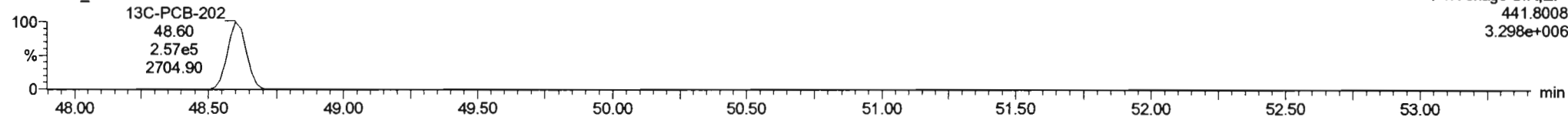


13C-PCB-202

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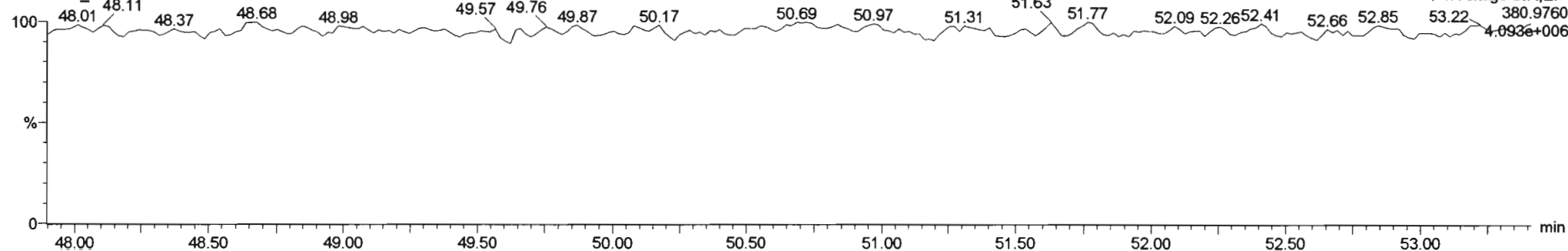


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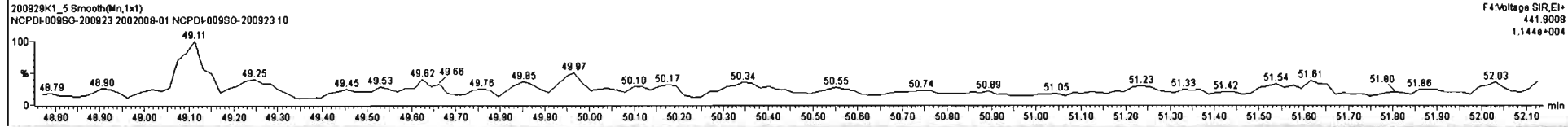
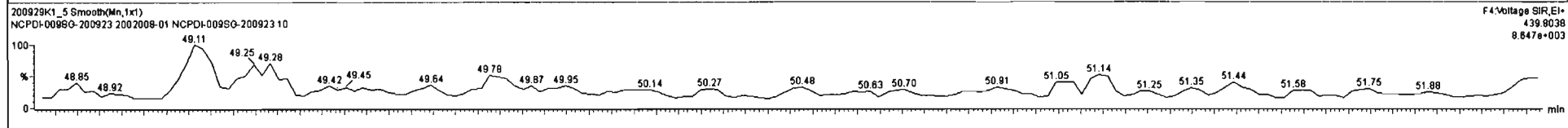
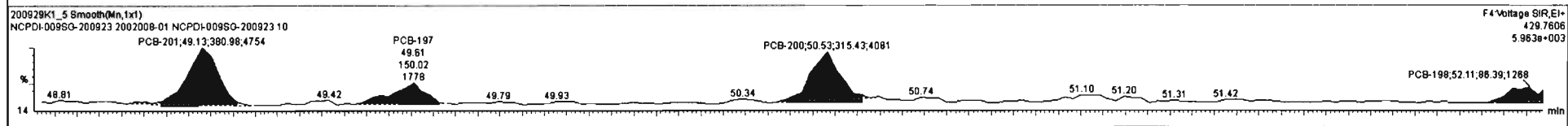
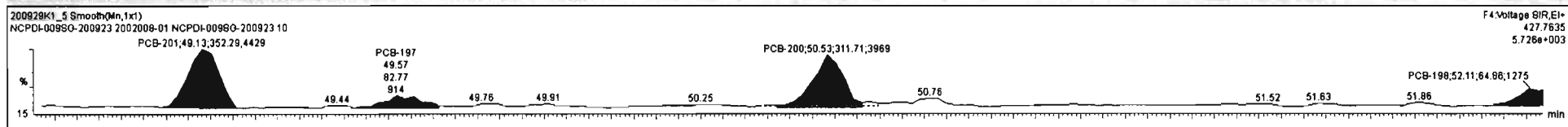
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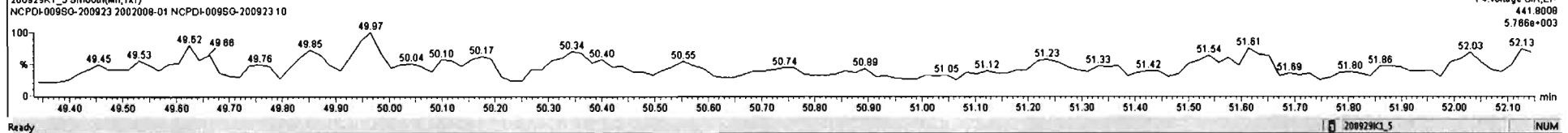
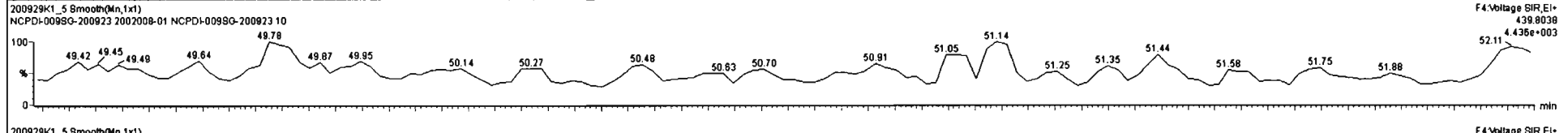
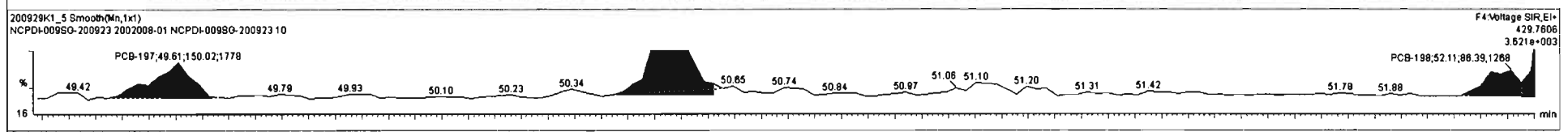
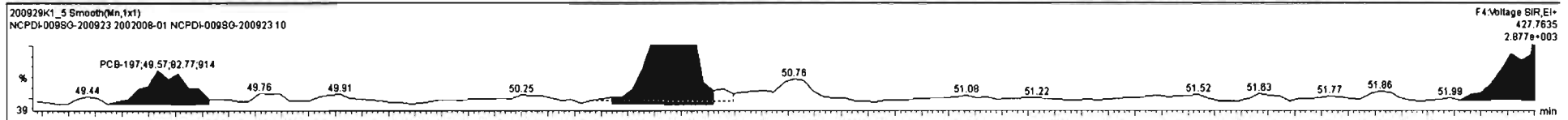
#	Name	Resp	RA	n/y	RRF	wtd	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00	0.000	NO	1011		42.2	1042		
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00	0.000	NO	59.94		10.3	83.86		
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00	0.000	NO	353.7		18.1	367.2		
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00	0.000	NO	812.8		20.5	849.8		
233	233 Total Hepta-PCBs				1.3551	1.523	0.00	0.000	NO	701.1		18.7	753.2		
234	234 4th Function Octa-PCBs				1.0000	1.523	0.00	0.000	NO	220.4		8.34	224.7		
235	235 5th Function Octa-PCBs				1.1498	1.523	0.00	0.000	NO	58.89		3.91	79.92		
236	236 Total Nona-PCBs				0.9523	1.523	0.00	0.000	NO	211.0		4.56	222.5		

#	Name	Pred.RT	RT	Int Resp	Int2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.84	48.84	8.884e2	1.044e3	0.890	0.83	NO	21.846	21.846
2	155 PCB-201	49.13	49.13	3.523e2	3.810e2	0.890	0.92	NO	9.2207	9.2207
3	157 PCB-197	49.60	49.57	8.277e1	1.500e2	0.890	0.55	YES	2.0544	0.00000
4	158 PCB-200	50.54	50.53	3.117e2	3.154e2	0.890	0.99	NO	7.7568	7.7568
5	159 PCB-198	52.08	52.11	6.488e1	8.539e1	0.890	0.75	YES	2.2970	0.00000
6	160 PCB-199	52.22	52.22	2.847e3	3.027e3	0.890	0.94	NO	96.102	96.102



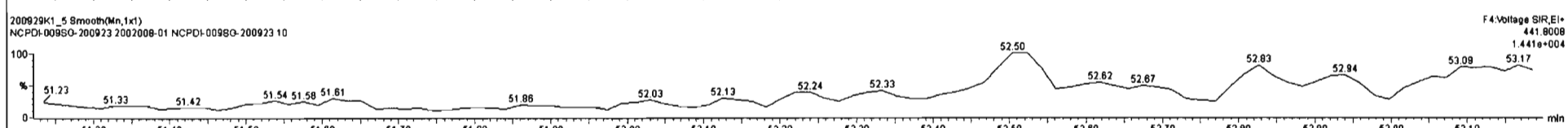
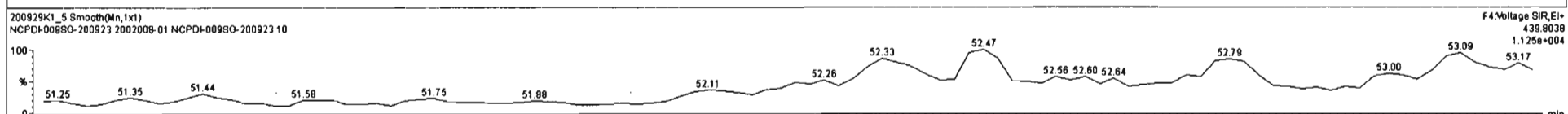
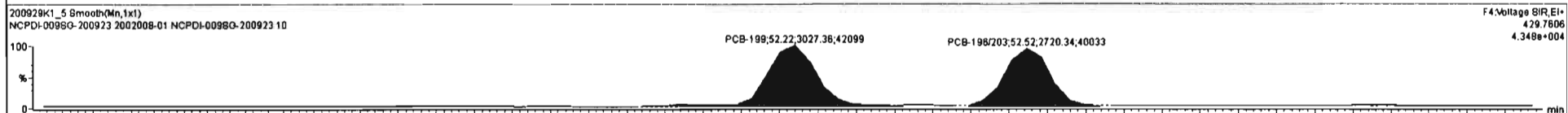
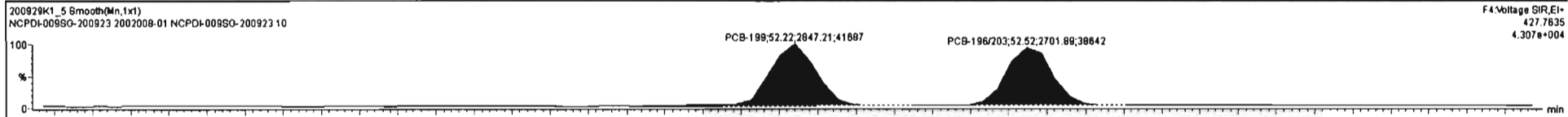
#	Name	Resp	RA	rvly	RPF	wtAval	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229	3rd Function Penta-PCBs			1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230	4th Function Penta-PCBs			1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.96
231	231	3rd Function Hexa-PCBs			0.8505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232	4th Function Hexa-PCBs			1.0316	1.523	0.00		0.000		NO	612.8		20.5	649.8
233	233	Total Hepta-PCBs			1.3551	1.523	0.00		0.000		NO	701.1		18.7	753.2
234	234	4th Function Octa-PCBs			1.0008	1.523	0.00		0.000		NO	220.4		8.34	229.7
235	235	5th Function Octa-PCBs			1.1499	1.523	0.00		0.000		NO	59.89		3.91	79.92
236	236	Total Nona-PCBs			0.9523	1.523	0.00		0.000		NO	211.0		4.56	222.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvly	EMPC	Conc.
1	154 PCB-202	48.84	48.84	8.864e2	1.044e3	0.890	0.83	NO	21.846	21.846
2	155 PCB-201	49.13	49.13	3.523e2	3.810e2	0.890	0.92	NO	9.2207	9.2207
3	157 PCB-197	49.80	49.57	6.277e1	1.500e2	0.890	0.55	YES	2.0544	0.00000
4	156 PCB-200	50.54	50.53	3.117e2	3.154e2	0.890	0.99	NO	7.7568	7.7568
5	158 PCB-198	52.08	52.11	6.486e1	8.639e1	0.890	0.75	YES	2.2970	0.00000
6	160 PCB-199	52.22	52.22	2.847e3	3.027e3	0.890	0.94	NO	95.102	95.102



#	Name	Resp	RA	nly	RPF	WdVd	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Iac	DL	EMPC
229	230 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.86
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	233 Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	701.1		16.7	753.2
234	234 4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	230.4		8.34	234.7
235	235 5th Function Octa-PCBs				1.1499	1.523	0.00		0.000		NO	59.89		3.91	79.92
236	236 Total Nona-PCBs				0.9523	1.523	0.00		0.000		NO	211.0		4.56	222.5

#	Name	Pred.RT	RT	rt1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	154 PCB-202	48.64	48.64	8.884e2	1.044e3	0.890	0.83	NO	21.846	21.846
2	155 PCB-201	49.13	49.13	3.523e2	3.810e2	0.890	0.92	NO	9.2207	9.2207
3	157 PCB-197	49.60	49.67	8.277e1	1.500e2	0.890	0.55	YES	2.0544	0.00000
4	158 PCB-200	50.54	50.53	3.117e2	3.154e2	0.890	0.99	NO	7.7568	7.7568
5	159 PCB-198	52.08	52.11	6.486e1	8.639e1	0.890	0.75	YES	2.2970	0.00000
6	160 PCB-189	52.22	52.22	2.847e3	3.027e3	0.890	0.94	NO	96.102	96.102

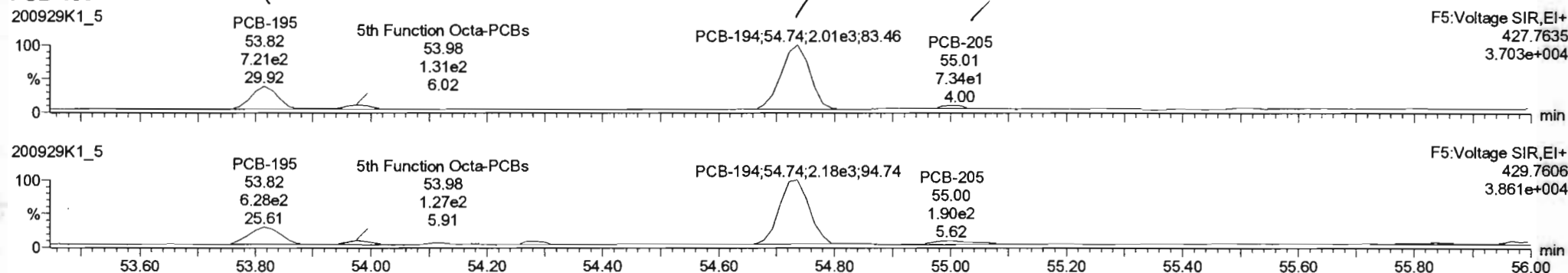


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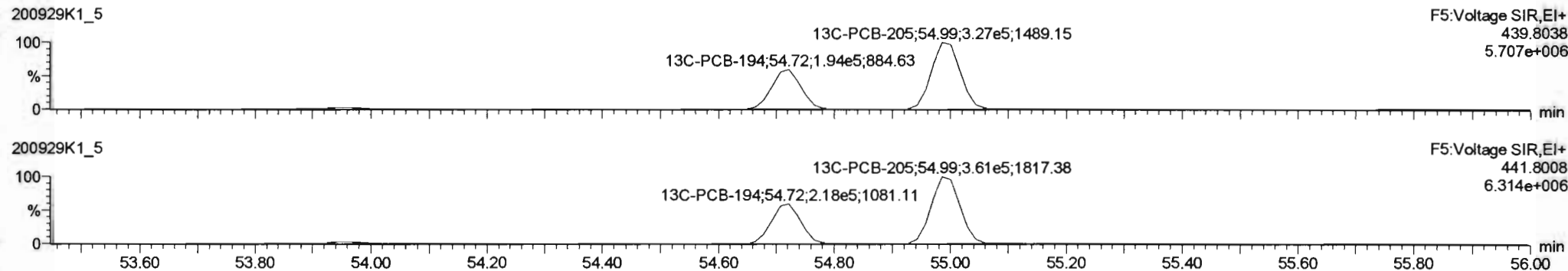
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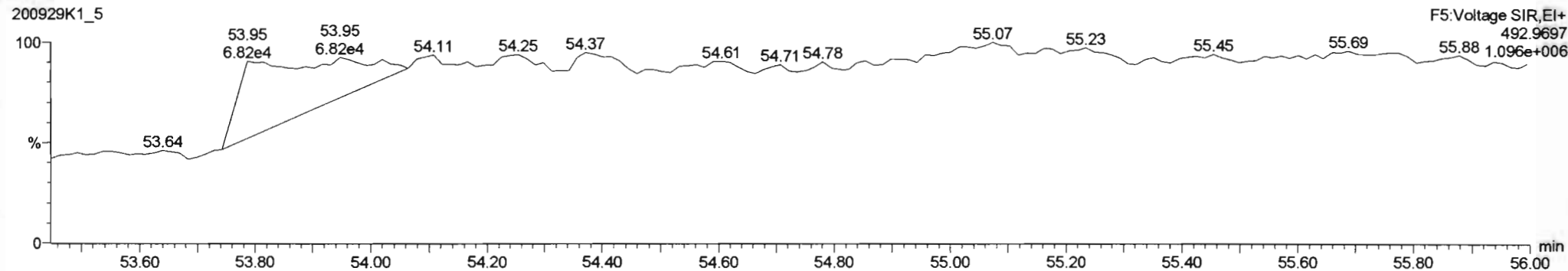
PCB-195



13C-PCB-194

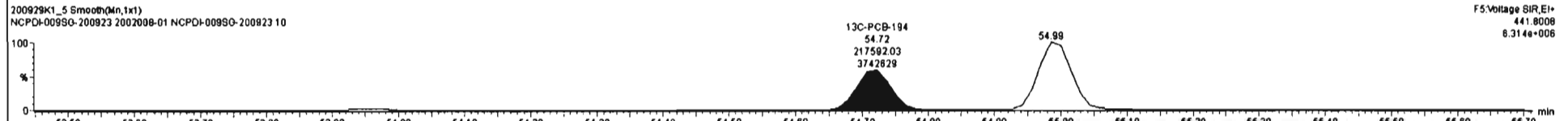
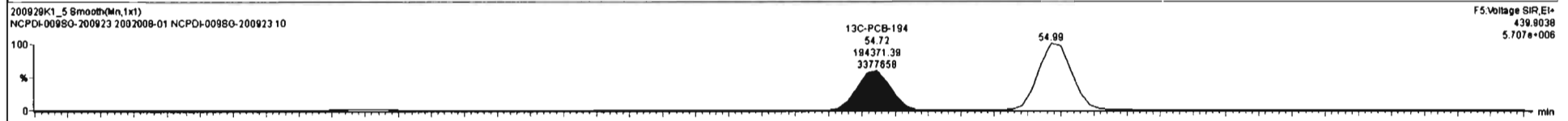
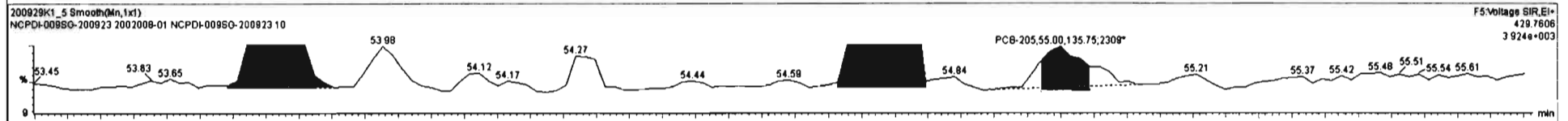
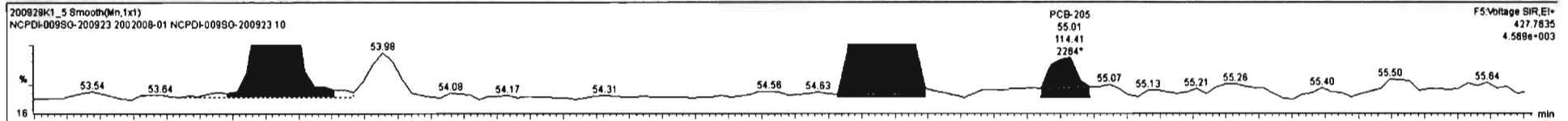


PFK5a



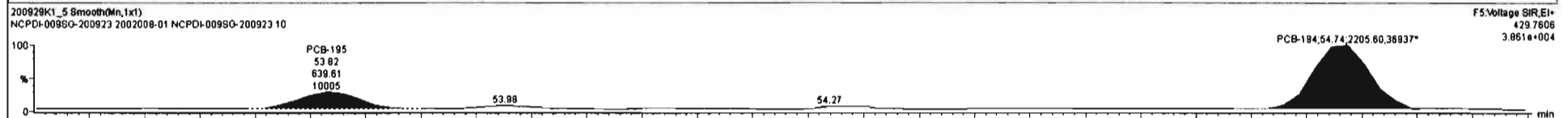
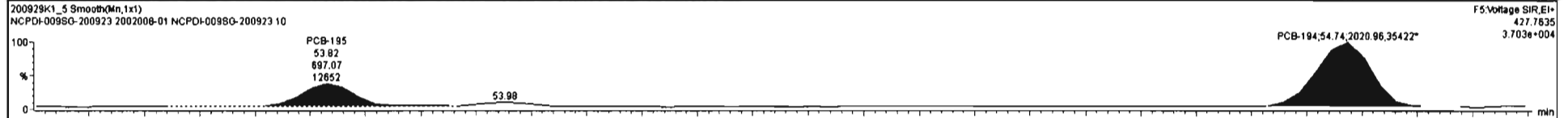
#	Name	Resp	RA	rvy	RPF	wtAvcl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229	3rd Function Penta-PCBs			1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230	4th Function Penta-PCBs			1.0735	1.523	0.00		0.000		NO	59.94		10.3	63.96
231	231	3rd Function Hexa-PCBs			0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232	4th Function Hexa-PCBs			1.0316	1.523	0.00		0.000		NO	612.8		20.5	848.8
233	233	Total Hepta-PCBs			1.3551	1.523	0.00		0.000		NO	701.1		18.7	753.2
234	234	4th Function Octa-PCBs			1.0006	1.523	0.00		0.000		NO	220.4		6.34	224.7
235	235	5th Function Octa-PCBs			1.1488	1.523	0.00		0.000		NO	82.87		3.91	81.32
236	236	Total Nona-PCBs			0.9523	1.523	0.00		0.000		NO	211.0		4.58	222.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	162 PCB-195	53.83	53.82	6.971e2	6.366e2	0.890	1.08	YES	18.448	0.00000
2	163 PCB-194	54.74	54.74	2.013e3	2.180e3	0.890	0.92	NO	59.886	59.886
3	164 PCB-205	55.01	55.01	1.051e2	1.362e2	0.890	0.77	NO	2.9823	2.9823



#	Name	Resp	RA	n/y	R/R	mVol	Pred.RT	RT	Pred.F...	RRT	RRT Fnl	Conc.	%Rec	OL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	83.86
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00		0.000		NO	812.8		20.5	849.8
233	233 Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	701.1		18.7	753.2
234	234 4th Function Octa-PCBs				1.0008	1.523	0.00		0.000		NO	220.4		6.34	224.7
235	235 5th Function Octa-PCBs				1.1488	1.523	0.00		0.000		NO	82.87		3.81	81.32
236	236 Total Nona-PCBs				0.9523	1.523	0.00		0.000		NO	211.0		4.58	222.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.83	53.82	6.971e2	6.396e2	0.890	1.09	YES	18.448	0.00000
2	163 PCB-194	54.74	54.74	2.013e3	2.180e3	0.890	0.92	NO	59.886	59.886
3	184 PCB-205	55.01	55.01	1.051e2	1.362e2	0.890	0.77	NO	2.9623	2.9623



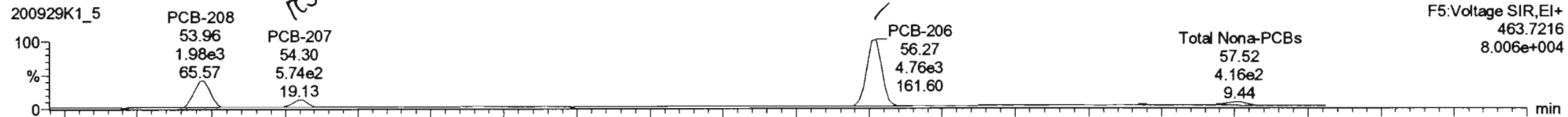
Ready 200929K1_5 NUM

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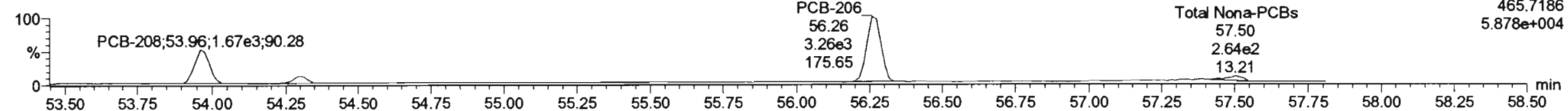
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Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

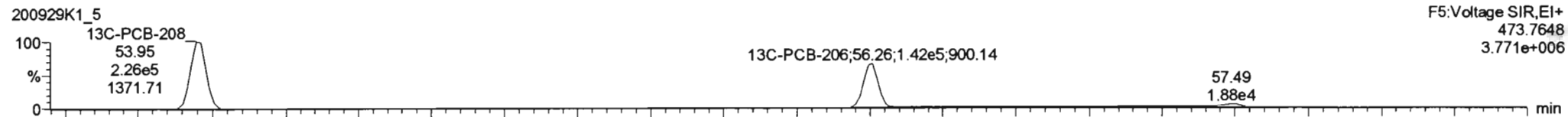
PCB-208



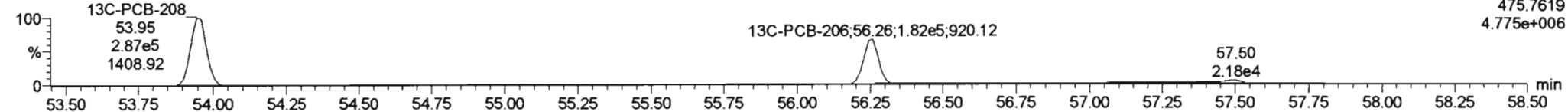
200929K1_5



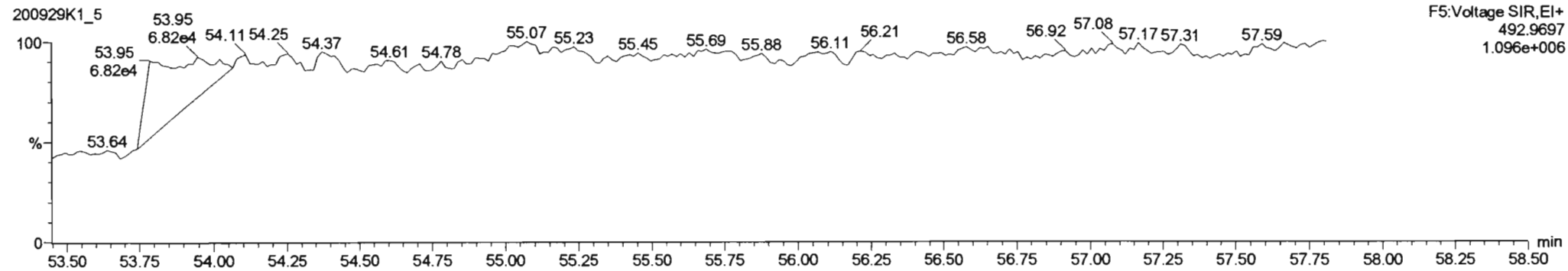
13C-PCB-208



200929K1_5

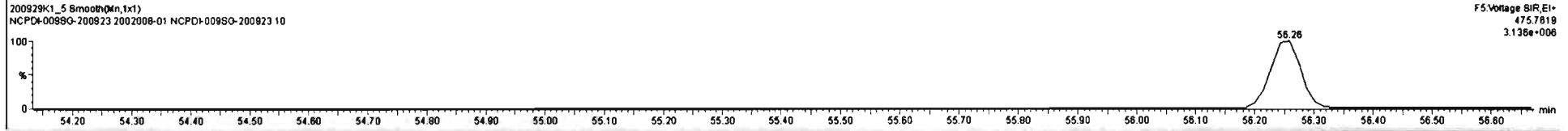
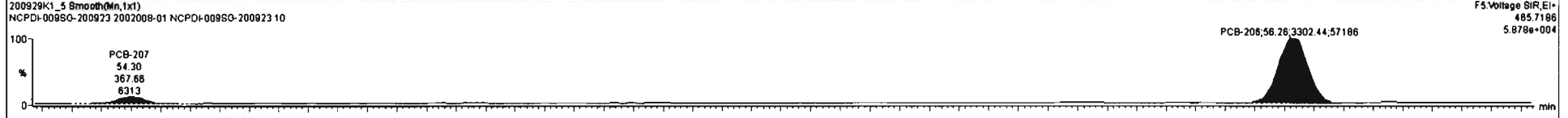


PFK5



#	Name	Resp	RA	nly	RRF	wtAcl	Pred RT	RT	Pred R...	RRT	RRT Fnd	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	1.523	0.00		0.000		NO	1011		42.2	1042
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00		0.000		NO	59.94		10.3	83.86
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00		0.000		NO	353.7		18.1	367.2
232	232 4th Function Hexa-PCBs				1.0318	1.523	0.00		0.000		NO	612.8		20.5	848.8
233	233 Total Hepta-PCBs				1.3551	1.523	0.00		0.000		NO	701.1		16.7	753.2
234	234 4th Function Octa-PCBs				1.0006	1.523	0.00		0.000		NO	220.4		6.34	224.7
235	235 5th Function Octa-PCBs				1.1498	1.523	0.00		0.000		NO	63.48		3.91	61.81
236	236 Total Nona-PCBs				0.9523	1.523	0.00		0.000		NO	211.9		4.56	223.9

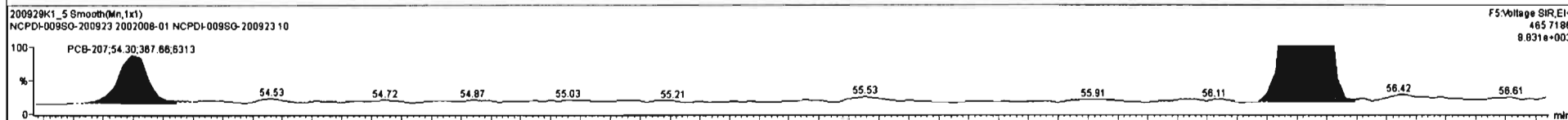
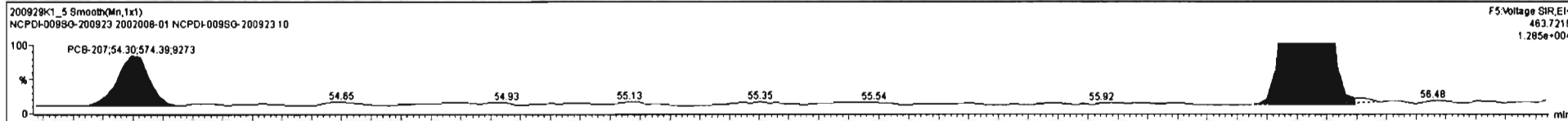
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	166 PCB-206	53.96	53.96	1.976e3	1.667e3	1.340	1.19	NO	49.903	49.903
2	166 PCB-207	54.30	54.30	5.744e2	3.677e2	1.340	1.56	YES	12.003	0.00000
3	167 PCB-206	56.27	56.27	4.789e3	3.302e3	1.340	1.44	NO	162.01	162.01



Ready 200929K1_5 NUM

#	Name	Resp	RA	n/y	R/R	wt/wtd	Pred.RT	RT	Pred.R.	R/R	RT Fail	Conc.	%Rec	DL	EMPC
229	230 3rd Function Penta-PCBs				1.3157	1.523	0.00	0.000	NO	1011		42.2	1042		
230	230 4th Function Penta-PCBs				1.0735	1.523	0.00	0.000	NO	58.94		10.3	83.86		
231	231 3rd Function Hexa-PCBs				0.9505	1.523	0.00	0.000	NO	353.7		18.1	367.2		
232	232 4th Function Hexa-PCBs				1.0316	1.523	0.00	0.000	NO	812.8		20.5	849.8		
233	233 Total Hepta-PCBs				1.3551	1.523	0.00	0.000	NO	701.1		18.7	753.2		
234	234 4th Function Octa-PCBs				1.0006	1.523	0.00	0.000	NO	220.4		6.34	224.7		
235	235 5th Function Octa-PCBs				1.1499	1.523	0.00	0.000	NO	83.48		3.91	81.91		
236	236 Total Nona-PCBs				0.9523	1.523	0.00	0.000	NO	211.9		4.98	223.9		

#	Name	Pred.RT	RT	ref Resp	in2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	165 PCB-206	53.86	53.86	1.976e3	1.867e3	1.340	1.19	NO	49.903	49.903
2	166 PCB-207	54.30	54.30	5.744e2	3.677e2	1.340	1.56	YES	12.003	0.00000
3	167 PCB-206	56.27	56.27	4.789e3	3.302e3	1.340	1.44	NO	162.01	162.01



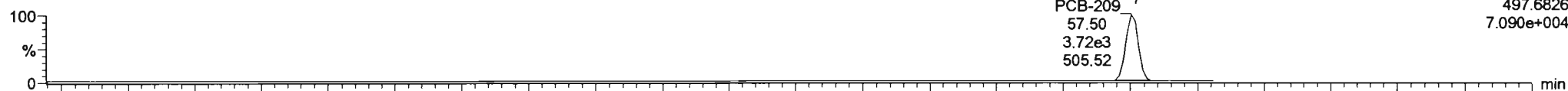
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_5, Date: 29-Sep-2020, Time: 18:53:42, ID: 2002008-01 NCPDI-009SG-200923 10, Description: NCPDI-009SG-200923

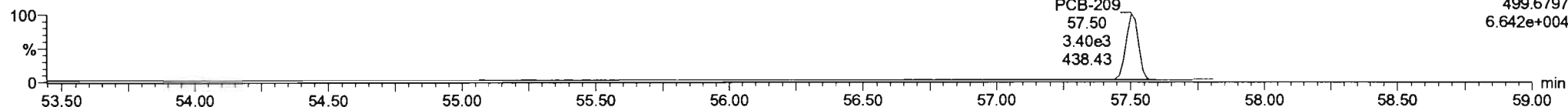
PCB-209

200929K1_5



F5:Voltage SIR,EI+
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7.090e+004

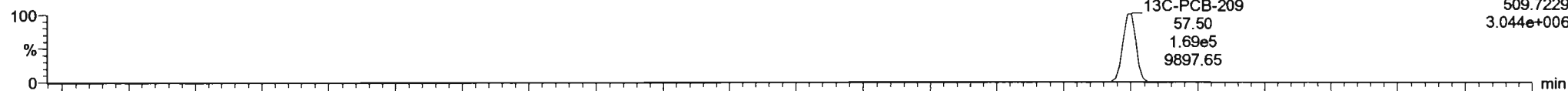
200929K1_5



F5:Voltage SIR,EI+
499.6797
6.642e+004

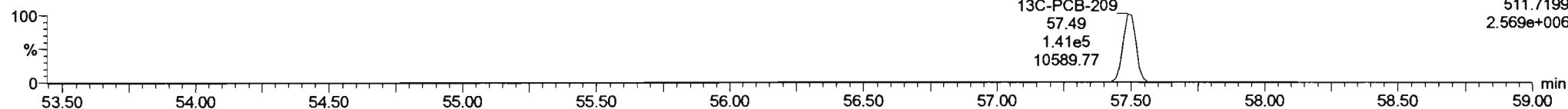
13C-PCB-209

200929K1_5



F5:Voltage SIR,EI+
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3.044e+006

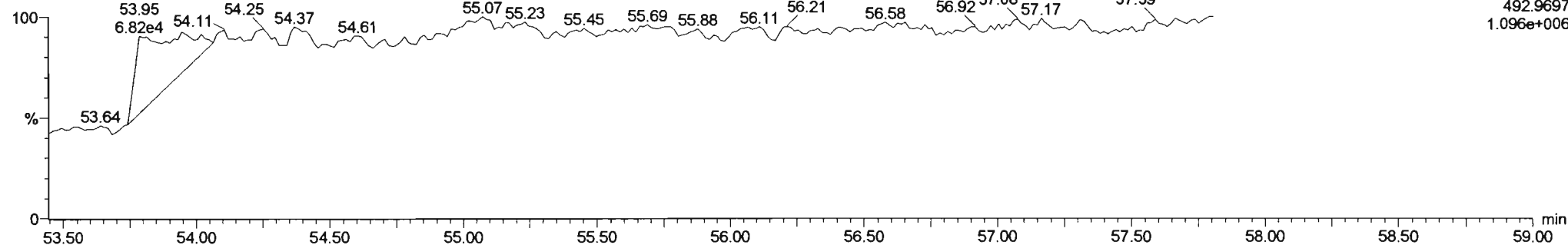
200929K1_5



F5:Voltage SIR,EI+
511.7199
2.569e+006

PFK5b

200929K1_5



F5:Voltage SIR,EI+
492.9697
1.096e+006

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-6.qld

Last Altered: Friday, October 02, 2020 10:57:47 Pacific Daylight Time
Printed: Friday, October 02, 2020 11:15:25 Pacific Daylight Time

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C7 10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	2.19e3	1.71	YES	1.17	2.081	15.57	15.58	1.001	1.001	NO	6.958		0.726	5.799
2	2 PCB-2	2.91e3	3.07	NO	1.18	2.081	18.00	17.99	0.988	0.988	NO	8.362		0.647	8.362
3	3 PCB-3	2.46e3	2.66	NO	1.15	2.081	18.22	18.22	1.001	1.001	NO	7.261		0.667	7.261
4	4 PCB-4/10			NO	1.25	2.081	19.64		1.004		YES			4.06	
5	5 PCB-7/9			NO	0.960	2.081	21.43		1.003		YES			3.22	
6	6 PCB-6			NO	1.02	2.081	22.08		1.033		YES			3.02	
7	7 PCB-5/8			NO	0.992	2.081	22.49		1.052		YES			3.12	
8	8 PCB-14			NO	1.02	2.081	23.66		0.951		YES			4.36	
9	9 PCB-11	6.22e3	1.74	NO	1.13	2.081	24.90	24.90	1.001	1.001	NO	15.51		3.93	15.51
10	10 PCB-12/13			NO	1.03	2.081	25.33		1.018		YES			4.32	
11	11 PCB-15	4.77e3	0.88	YES	1.03	2.081	25.62	25.59	1.030	1.029	NO	12.84		4.28	9.934
12	12 PCB-19	1.55e3	1.04	NO	1.11	2.081	23.83	23.81	1.001	1.000	NO	8.265		1.19	8.265
13	13 PCB-30			NO	1.79	2.081	24.73		1.039		YES			0.732	
14	14 PCB-18	2.59e3	0.92	NO	0.818	2.081	25.50	25.52	0.952	0.953	NO	12.23		1.03	12.23
15	15 PCB-17	3.61e3	1.19	NO	0.758	2.081	25.69	25.68	0.959	0.959	NO	18.43		1.11	18.43
16	16 PCB-24/27	7.96e2	0.91	NO	1.08	2.081	26.28	26.25	0.981	0.980	NO	2.846		0.780	2.846
17	17 PCB-16/32	5.88e3	1.04	NO	0.925	2.081	26.81	26.80	1.001	1.000	NO	24.58		0.912	24.58
18	18 PCB-34			NO	0.945	2.081	27.62		0.959		YES			0.993	
19	19 PCB-23			NO	0.883	2.081	27.71		0.962		YES			1.06	
20	20 PCB-29			NO	0.893	2.081	27.97		0.971		YES			1.05	
21	21 PCB-26	3.27e3	1.00	NO	0.944	2.081	28.17	28.18	0.979	0.979	NO	10.47		0.995	10.47
22	22 PCB-25	1.49e3	0.78	YES	0.950	2.081	28.34	28.35	0.984	0.984	NO	4.721		0.989	4.076
23	23 PCB-31	1.71e4	0.96	NO	1.04	2.081	28.71	28.70	0.997	0.997	NO	49.77		0.906	49.77
24	24 PCB-28	2.10e4	1.05	NO	1.03	2.081	28.81	28.81	1.001	1.001	NO	62.00		0.916	62.00
25	25 PCB-20/21/33	9.08e3	1.00	NO	0.941	2.081	29.45	29.48	1.023	1.024	NO	29.13		0.998	29.13
26	26 PCB-22	5.31e3	1.34	YES	0.973	2.081	29.91	29.91	1.039	1.039	NO	16.46		0.965	14.36
27	27 PCB-36			NO	1.08	2.081	30.55		0.931		YES			0.984	
28	28 PCB-39			NO	0.988	2.081	31.02		0.946		YES			1.07	
29	29 PCB-38			NO	1.05	2.081	31.83		0.970		YES			1.01	
30	30 PCB-35			NO	1.04	2.081	32.37		0.987		YES			1.01	

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-6.qld

Last Altered: Friday, October 02, 2020 10:57:47 Pacific Daylight Time

Printed: Friday, October 02, 2020 11:15:25 Pacific Daylight Time

Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
31	31 PCB-37	5.25e3	1.02	NO	1.01	2.081	32.81	32.81	1.001	1.001	NO	17.35		1.05	17.35
32	32 PCB-54			NO	1.08	2.081	27.66		1.001		YES			0.543	
33	33 PCB-50			NO	0.880	2.081	28.86		1.044		YES			0.666	
34	34 PCB-53	2.86e3	0.70	NO	0.997	2.081	29.54	29.54	0.944	0.944	NO	15.61		0.704	15.61
35	35 PCB-51	1.40e3	0.96	YES	1.07	2.081	29.90	29.87	0.956	0.955	NO	7.132		0.859	6.427
36	36 PCB-45	1.84e3	0.66	NO	0.858	2.081	30.34	30.34	0.970	0.970	NO	11.62		0.818	11.62
37	37 PCB-46	8.36e2	0.95	YES	0.831	2.081	30.85	30.84	0.986	0.986	NO	5.472		0.845	4.969
38	38 PCB-52/69	2.29e4	0.77	NO	1.17	2.081	31.33	31.31	1.001	1.001	NO	106.6		0.602	106.6
39	39 PCB-73			NO	1.44	2.081	31.46		1.005		YES			0.486	
40	40 PCB-43/49	1.17e4	0.74	NO	1.02	2.081	31.61	31.62	1.010	1.011	NO	62.78		0.691	62.78
41	41 PCB-47	7.28e3	0.73	NO	0.922	2.081	31.85	31.85	1.001	1.001	NO	40.26		0.779	40.26
42	42 PCB-48/75	2.64e3	0.72	NO	1.12	2.081	31.96	31.96	1.004	1.004	NO	12.03		0.641	12.03
43	43 PCB-65			NO	1.28	2.081	32.24		1.013		YES			0.560	
44	44 PCB-62			NO	1.13	2.081	32.35		1.016		YES			0.637	
45	45 PCB-44	1.17e4	0.77	NO	0.824	2.081	32.69	32.65	1.027	1.026	NO	72.46		0.871	72.46
46	46 PCB-42/59	4.42e3	0.84	NO	1.05	2.081	32.89	32.89	1.033	1.033	NO	21.49		0.684	21.49
47	47 PCB-41/64/71/72	1.42e4	0.84	NO	1.19	2.081	33.52	33.48	1.053	1.052	NO	60.91		0.605	60.91
48	48 PCB-68	6.10e2	0.87	NO	1.28	2.081	33.79	33.76	1.062	1.061	NO	2.435		0.562	2.435
49	49 PCB-40	1.70e3	0.77	NO	0.602	2.081	34.01	33.99	1.069	1.068	NO	14.40		1.19	14.40
50	50 PCB-57			NO	1.16	2.081	34.34		0.969		YES			0.500	
51	51 PCB-67			NO	1.08	2.081	34.65		0.978		YES			0.536	
52	52 PCB-58			NO	1.20	2.081	34.77		0.981		YES			0.483	
53	53 PCB-63	7.89e2	0.64	YES	1.07	2.081	34.94	34.94	0.986	0.986	NO	3.224		0.542	2.901
54	54 PCB-74	8.33e3	0.74	NO	1.19	2.081	35.24	35.23	0.994	0.994	NO	30.80		0.490	30.80
55	55 PCB-61/70	2.33e4	0.80	NO	1.05	2.081	35.45	35.46	1.000	1.001	NO	96.96		0.551	96.96
56	56 PCB-76/66	1.79e4	0.72	NO	1.16	2.081	35.65	35.66	1.006	1.006	NO	67.42		0.499	67.42
57	57 PCB-80			NO	1.19	2.081	35.89		1.001		YES			0.461	
58	58 PCB-55			NO	1.17	2.081	36.22		1.010		YES			0.468	
59	59 PCB-56/60	1.03e4	0.69	NO	1.02	2.081	36.72	36.72	1.024	1.024	NO	42.55		0.538	42.55
60	60 PCB-79	4.88e2	0.71	NO	1.14	2.081	37.82	37.86	1.054	1.056	NO	1.800		0.481	1.800
61	61 PCB-78			NO	1.14	2.081	38.54		0.987		YES			0.519	
62	62 PCB-81	3.17e2	0.60	YES	1.05	2.081	39.09	39.14	1.000	1.002	NO	1.320		0.563	1.151
63	63 PCB-77	2.16e3	0.69	NO	1.14	2.081	39.70	39.70	1.000	1.000	NO	8.597		0.545	8.597

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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
64	64 PCB-104			NO	1.12	2.081	32.50		1.001		YES			0.783	
65	65 PCB-96	4.05e2	1.82	YES	1.15	2.081	33.82	33.80	1.041	1.041	NO	2.022		0.762	1.844
66	66 PCB-103	5.99e2	1.38	NO	0.936	2.081	34.38	34.36	1.059	1.058	NO	3.708		0.939	3.708
67	67 PCB-100	4.34e2	1.54	NO	0.954	2.081	34.74	34.73	1.070	1.069	NO	2.635		0.922	2.635
68	68 PCB-94	2.74e2	1.39	NO	0.949	2.081	35.21	35.21	0.985	0.985	NO	2.170		1.24	2.170
69	69 PCB-95/98/102	2.53e4	1.68	NO	1.20	2.081	35.68	35.77	0.999	1.001	NO	158.4		0.978	158.4
70	70 PCB-93	5.58e2	1.48	NO	0.935	2.081	35.82	35.83	1.003	1.003	NO	4.495		1.26	4.495
71	71 PCB-88/91	3.44e3	1.56	NO	1.06	2.081	36.16	36.18	1.012	1.013	NO	24.29		1.11	24.29
72	72 PCB-121			NO	1.71	2.081	36.26		1.015		YES			0.689	
73	73 PCB-84/92	1.06e4	1.49	NO	1.02	2.081	37.11	37.11	0.990	0.990	NO	79.14		1.16	79.14
74	74 PCB-89				1.11	2.081	37.29		0.995		YES			0.547	
75	75 PCB-90/101	3.52e4	1.56	NO	1.12	2.081	37.50	37.50	1.000	1.001	NO	237.7		1.05	237.7
76	76 PCB-113	4.40e2	1.07	YES	1.51	2.081	37.75	37.78	1.007	1.008	NO	2.203		0.778	1.873
77	77 PCB-99	1.16e4	1.74	NO	1.32	2.081	37.83	37.84	1.009	1.009	NO	66.76		0.892	66.76
78	78 PCB-119	1.32e3	1.72	NO	1.81	2.081	38.32	38.32	0.987	0.987	NO	6.255		0.748	6.255
79	79 PCB-108/112	1.09e3	1.63	NO	1.44	2.081	38.48	38.51	0.991	0.992	NO	6.437		0.935	6.437
80	80 PCB-83			NO	1.83	2.081	38.63		0.995		YES			0.737	
81	81 PCB-97	6.46e3	1.50	NO	1.28	2.081	38.84	38.84	1.000	1.000	NO	43.09		1.05	43.09
82	82 PCB-86			NO	1.12	2.081	38.98		1.004		YES			1.21	
83	83 PCB-87/117/125	9.99e3	1.68	NO	1.56	2.081	39.13	39.14	1.008	1.008	NO	54.80		0.867	54.80
84	84 PCB-111/115	4.53e2	1.78	NO	1.91	2.081	39.29	39.29	1.012	1.012	NO	2.030		0.707	2.030
85	85 PCB-85/116	3.89e3	1.50	NO	1.41	2.081	39.42	39.40	1.015	1.015	NO	23.60		0.957	23.60
86	86 PCB-120	4.79e2	1.62	NO	2.01	2.081	39.67	39.64	1.022	1.021	NO	2.043		0.674	2.043
87	87 PCB-110	3.84e4	1.62	NO	1.74	2.081	39.83	39.83	1.026	1.026	NO	188.6		0.775	188.6
88	88 PCB-82	2.09e3	1.76	NO	0.781	2.081	40.47	40.46	0.976	0.976	NO	16.82		1.28	16.82
89	89 PCB-124	1.39e3	1.17	YES	1.40	2.081	41.17	41.15	0.993	0.992	NO	6.205		0.776	5.543
90	90 PCB-107/109	2.27e3	1.51	NO	1.34	2.081	41.32	41.34	0.996	0.997	NO	10.61		0.747	10.61
91	91 PCB-123	3.64e2	1.62	NO	1.20	2.081	41.49	41.52	1.000	1.001	NO	1.909		0.837	1.909
92	92 PCB-106/118	2.84e4	1.76	NO	1.22	2.081	41.69	41.69	1.001	1.001	NO	140.1		0.810	140.1
93	93 PCB-114	6.69e2	1.34	NO	1.14	2.081	42.35	42.33	1.000	1.000	NO	2.974		0.852	2.974
94	94 PCB-122	3.54e2	2.09	YES	0.944	2.081	42.50	42.48	1.004	1.004	NO	1.900		1.03	1.576
95	95 PCB-105	1.17e4	1.85	YES	1.05	2.081	43.24	43.24	1.000	1.000	NO	55.00		0.951	49.89
96	96 PCB-127			NO	1.06	2.081	43.60		1.000		YES			0.900	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
97	97 PCB-126			NO	1.17	2.081	45.55		1.000		YES			0.900	
98	98 PCB-155			NO	1.04	2.081	37.02		1.000		YES			0.378	
99	99 PCB-150	1.93e2	0.95	YES	1.08	2.081	38.34	38.34	1.036	1.036	NO	1.442		0.384	1.268
100	1... PCB-152			NO	1.19	2.081	38.83		1.049		YES			0.332	
101	1... PCB-145			NO	1.19	2.081	39.28		1.062		YES			0.332	
102	1... PCB-136	7.98e3	1.10	NO	1.02	2.081	39.63	39.62	1.071	1.071	NO	63.32		0.386	63.32
103	1... PCB-148			NO	0.842	2.081	39.74		1.074		YES			0.469	
104	1... PCB-154	4.85e2	1.45	YES	0.919	2.081	40.24	40.24	1.088	1.088	NO	4.275		0.429	3.904
105	1... PCB-151	1.11e4	1.32	NO	0.787	2.081	40.91	40.89	1.106	1.105	NO	114.1		0.502	114.1
106	1... PCB-135	4.60e3	1.39	NO	0.922	2.081	41.13	41.11	1.112	1.111	NO	40.36		0.428	40.36
107	1... PCB-144	1.98e3	0.99	YES	0.789	2.081	41.23	41.24	1.114	1.115	NO	20.21		0.500	18.24
108	1... PCB-147	5.45e2	1.07	NO	0.834	2.081	41.38	41.37	1.118	1.118	NO	5.286		0.473	5.286
109	1... PCB-139/149	3.67e4	1.29	NO	0.948	2.081	41.64	41.63	1.125	1.125	NO	313.2		0.416	313.2
110	1... PCB-140			NO	0.794	2.081	41.88		1.132		YES			0.497	
111	1... PCB-134/143	2.04e3	0.96	YES	0.759	2.081	42.29	42.31	0.975	0.975	NO	16.26		0.951	14.39
112	1... PCB-131/133	1.15e3	1.25	NO	0.821	2.081	42.59	42.60	0.982	0.982	NO	8.478		0.879	8.478
113	1... PCB-142			NO	0.754	2.081	42.74		0.985		YES			0.957	
114	1... PCB-146/165	9.41e3	1.25	NO	1.02	2.081	42.97	43.01	0.990	0.991	NO	55.95		0.710	55.95
115	1... PCB-132/161	1.46e4	1.18	NO	1.02	2.081	43.22	43.28	0.996	0.997	NO	86.32		0.705	86.32
116	1... PCB-153	6.55e4	1.24	NO	1.07	2.081	43.41	43.41	1.000	1.000	NO	369.7		0.674	369.7
117	1... PCB-168			NO	1.08	2.081	43.64		1.006		YES			0.670	
118	1... PCB-141	1.16e4	1.20	NO	1.03	2.081	44.17	44.19	1.000	1.001	NO	82.73		0.852	82.73
119	1... PCB-137	1.22e3	1.54	YES	1.11	2.081	44.56	44.58	1.009	1.010	NO	8.046		0.787	7.100
120	1... PCB-130	2.28e3	1.31	NO	0.885	2.081	44.68	44.68	1.012	1.012	NO	18.79		0.988	18.79
121	1... PCB-138/163/164	6.19e4	1.24	NO	1.28	2.081	45.06	45.06	1.001	1.001	NO	330.0		0.634	330.0
122	1... PCB-158/160	6.01e3	1.32	NO	1.24	2.081	45.30	45.29	1.006	1.006	NO	33.20		0.656	33.20
123	1... PCB-129	1.07e3	1.28	NO	0.867	2.081	45.55	45.57	1.012	1.012	NO	8.450		0.938	8.450
124	1... PCB-166			NO	1.14	2.081	46.03		0.993		YES			0.629	
125	1... PCB-159			NO	1.22	2.081	46.37		1.000		YES			0.591	
126	1... PCB-128/162	5.38e3	1.27	NO	0.907	2.081	46.68	46.67	1.007	1.007	NO	33.11		0.792	33.11
127	1... PCB-167	2.06e3	1.21	NO	1.11	2.081	47.09	47.09	1.000	1.000	NO	10.59		0.652	10.59
128	1... PCB-156	5.45e3	1.33	NO	1.13	2.081	48.39	48.41	1.000	1.001	NO	28.14		0.646	28.14
129	1... PCB-157	1.00e3	1.51	YES	1.04	2.081	48.68	48.68	1.000	1.000	NO	5.036		0.700	5.021

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
130	1... PCB-169			NO	1.16	2.081	50.95		1.000		YES			0.666	
131	1... PCB-188			NO	1.29	2.081	43.05		1.001		YES			0.461	
132	1... PCB-184			NO	1.23	2.081	43.48		1.011		YES			0.482	
133	1... PCB-179	1.28e4	1.08	NO	1.30	2.081	44.31	44.30	1.030	1.030	NO	69.75		0.458	69.75
134	1... PCB-176	3.88e3	1.14	NO	1.31	2.081	44.77	44.78	1.041	1.041	NO	20.93		0.454	20.93
135	1... PCB-186			NO	1.33	2.081	45.40		1.056		YES			0.447	
136	1... PCB-178	3.74e3	1.17	NO	0.943	2.081	45.91	45.91	1.067	1.067	NO	28.02		0.630	28.02
137	1... PCB-175	8.31e2	1.06	NO	0.956	2.081	46.27	46.29	1.076	1.076	NO	6.136		0.621	6.136
138	1... PCB-182/187	2.70e4	0.98	NO	1.07	2.081	46.48	46.44	1.081	1.080	NO	179.0		0.557	179.0
139	1... PCB-183	1.26e4	1.04	NO	1.02	2.081	46.78	46.78	1.088	1.088	NO	87.28		0.581	87.28
140	1... PCB-185	2.59e3	1.10	NO	1.41	2.081	47.46	47.47	0.955	0.955	NO	19.97		0.670	19.97
141	1... PCB-174	2.03e4	1.05	NO	1.35	2.081	47.86	47.83	0.963	0.962	NO	162.1		0.695	162.1
142	1... PCB-181			NO	1.47	2.081	47.96		0.965		YES			0.638	
143	1... PCB-177	1.10e4	1.12	NO	1.28	2.081	48.13	48.11	0.968	0.968	NO	93.45		0.737	93.45
144	1... PCB-171	4.69e3	1.13	NO	1.32	2.081	48.43	48.41	0.974	0.974	NO	38.63		0.715	38.63
145	1... PCB-173	3.16e2	0.68	YES	1.19	2.081	48.86	48.85	0.983	0.982	NO	2.840		0.791	2.281
146	1... PCB-172	2.70e3	0.95	NO	1.38	2.081	49.34	49.32	0.992	0.992	NO	21.23		0.685	21.23
147	1... PCB-192			NO	1.83	2.081	49.53		0.996		YES			0.515	
148	1... PCB-180	4.42e4	1.04	NO	1.41	2.081	49.74	49.74	1.000	1.000	NO	339.4		0.667	339.4
149	1... PCB-193	2.81e3	0.94	NO	1.68	2.081	49.96	49.95	1.005	1.005	NO	18.16		0.561	18.16
150	1... PCB-191	8.45e2	1.07	NO	1.71	2.081	50.23	50.21	1.010	1.010	NO	5.353		0.550	5.353
151	1... PCB-170	1.58e4	1.05	NO	1.40	2.081	51.41	51.40	1.000	1.000	NO	132.3		0.715	132.3
152	1... PCB-190	4.31e3	1.19	NO	1.85	2.081	51.62	51.60	1.005	1.004	NO	27.25		0.541	27.25
153	1... PCB-189	6.56e2	0.83	YES	1.45	2.081	53.11	53.09	1.000	1.000	NO	4.271		0.472	3.779
154	1... PCB-202	2.54e3	0.82	NO	1.17	2.081	48.64	48.64	1.001	1.001	NO	17.58		0.887	17.58
155	1... PCB-201	1.67e3	0.88	NO	1.05	2.081	49.13	49.13	1.011	1.011	NO	12.84		0.985	12.84
156	1... PCB-204			NO	1.14	2.081	49.28		1.014		YES			0.909	
157	1... PCB-197	4.59e2	0.93	NO	1.13	2.081	49.60	49.59	1.021	1.020	NO	3.285		0.915	3.285
158	1... PCB-200	1.54e3	0.82	NO	1.07	2.081	50.54	50.53	1.040	1.040	NO	11.66		0.969	11.66
159	1... PCB-198	3.73e2	0.61	YES	0.794	2.081	52.08	52.09	1.072	1.072	NO	3.801		1.21	3.072
160	1... PCB-199	9.27e3	0.94	NO	0.809	2.081	52.22	52.22	1.074	1.074	NO	92.75		1.28	92.75
161	1... PCB-196/203	9.82e3	0.92	NO	0.838	2.081	52.52	52.52	1.081	1.081	NO	94.88		1.24	94.88
162	1... PCB-195	3.28e3	0.84	NO	1.04	2.081	53.82	53.81	0.984	0.984	NO	29.91		0.743	29.91

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
163	1... PCB-194	9.75e3	0.99	NO	1.12	2.081	54.72	54.72	1.000	1.000	NO	83.21		0.696	83.21
164	1... PCB-205	5.73e2	1.16	YES	1.29	2.081	55.00	55.00	1.005	1.005	NO	4.234		0.602	3.703
165	1... PCB-208	1.88e3	1.52	NO	0.933	2.081	53.96	53.96	1.000	1.000	NO	15.57		0.733	15.57
166	1... PCB-207	7.59e2	1.64	YES	0.916	2.081	54.30	54.30	1.007	1.007	NO	6.420		0.746	5.698
167	1... PCB-206	4.13e3	1.35	NO	1.01	2.081	56.26	56.26	1.000	1.000	NO	48.57		1.03	48.57
168	1... PCB-209	3.76e3	1.30	NO	0.986	2.081	57.49	57.50	1.000	1.000	NO	46.21		0.313	46.21
169	1... 13C-PCB-1	1.30e6	3.03	NO	0.893	2.081	15.55	15.56	0.608	0.608	NO	4430	92.2	4.10	
170	1... 13C-PCB-3	1.42e6	3.24	NO	0.911	2.081	18.20	18.21	0.712	0.712	NO	4749	98.8	4.02	
171	1... 13C-PCB-4	9.49e5	1.58	NO	0.600	2.081	19.56	19.56	0.765	0.765	NO	4831	101	2.48	
172	1... 13C-PCB-9	1.57e6	1.60	NO	0.970	2.081	21.39	21.37	0.837	0.836	NO	4952	103	1.53	
173	1... 13C-PCB-11	1.71e6	1.59	NO	0.962	2.081	24.85	24.88	0.972	0.973	NO	5435	113	1.55	
174	1... 13C-PCB-19	8.15e5	1.05	NO	0.499	2.081	23.81	23.80	0.931	0.931	NO	4989	104	27.0	
175	1... 13C-PCB-32	1.24e6	1.09	NO	0.744	2.081	26.80	26.79	1.048	1.048	NO	5100	106	18.1	
176	1... 13C-PCB-28	1.59e6	1.04	NO	1.06	2.081	28.77	28.79	1.003	1.004	NO	3964	82.5	14.3	
177	1... 13C-PCB-37	1.44e6	1.06	NO	0.989	2.081	32.77	32.79	1.143	1.143	NO	3867	80.5	15.3	
178	1... 13C-PCB-54	1.05e6	0.80	NO	0.999	2.081	27.63	27.64	0.753	0.753	NO	3609	75.1	3.02	
179	1... 13C-PCB-52	8.84e5	0.80	NO	0.804	2.081	31.26	31.29	0.852	0.852	NO	3765	78.3	3.75	
180	1... 13C-PCB-47	9.42e5	0.79	NO	0.857	2.081	31.78	31.83	0.866	0.867	NO	3763	78.3	3.52	
181	1... 13C-PCB-70	1.10e6	0.78	NO	0.996	2.081	35.43	35.44	0.965	0.966	NO	3773	78.5	3.03	
182	1... 13C-PCB-80	1.15e6	0.80	NO	1.03	2.081	35.87	35.87	0.977	0.977	NO	3813	79.4	2.94	
183	1... 13C-PCB-81	1.10e6	0.79	NO	0.988	2.081	39.06	39.07	1.064	1.064	NO	3796	79.0	3.06	
184	1... 13C-PCB-77	1.06e6	0.83	NO	0.969	2.081	39.67	39.68	1.081	1.081	NO	3748	78.0	3.12	
185	1... 13C-PCB-104	8.29e5	1.60	NO	1.02	2.081	32.46	32.48	0.827	0.827	NO	3808	79.2	1.27	
186	1... 13C-PCB-95	6.38e5	1.62	NO	0.805	2.081	35.74	35.74	0.910	0.910	NO	3701	77.0	1.60	
187	1... 13C-PCB-101	6.33e5	1.60	NO	0.793	2.081	37.49	37.48	0.955	0.954	NO	3729	77.6	1.63	
188	1... 13C-PCB-97	5.62e5	1.65	NO	0.696	2.081	38.83	38.82	0.989	0.989	NO	3766	78.4	1.85	
189	1... 13C-PCB-123	7.65e5	1.61	NO	0.933	2.081	41.47	41.47	1.056	1.056	NO	3830	79.7	1.38	
190	1... 13C-PCB-118	7.99e5	1.61	NO	0.986	2.081	41.66	41.65	1.061	1.061	NO	3783	78.7	1.31	
191	1... 13C-PCB-114	9.47e5	1.62	NO	1.55	2.081	42.33	42.33	0.908	0.908	NO	3906	81.3	2.32	
192	1... 13C-PCB-105	9.56e5	1.57	NO	1.57	2.081	43.22	43.22	0.927	0.927	NO	3879	80.7	2.28	
193	1... 13C-PCB-127	1.00e6	1.56	NO	1.62	2.081	43.56	43.58	0.934	0.935	NO	3926	81.7	2.21	
194	1... 13C-PCB-126	9.09e5	1.56	NO	1.57	2.081	45.54	45.53	0.976	0.976	NO	3700	77.0	2.29	
195	1... 13C-PCB-155	5.93e5	1.37	NO	0.615	2.081	36.99	37.00	0.942	0.942	NO	4508	93.8	0.991	

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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
196	1... 13C-PCB-153	7.95e5	1.28	NO	1.36	2.081	43.39	43.39	0.930	0.931	NO	3716	77.3	3.06	
197	1... 13C-PCB-141	6.58e5	1.27	NO	1.13	2.081	44.15	44.15	0.947	0.947	NO	3723	77.5	3.70	
198	1... 13C-PCB-138	7.02e5	1.30	NO	1.18	2.081	45.02	45.02	0.965	0.965	NO	3780	78.7	3.52	
199	1... 13C-PCB-159	8.61e5	1.27	NO	1.44	2.081	46.34	46.35	0.994	0.994	NO	3816	79.4	2.90	
200	2... 13C-PCB-167	8.42e5	1.30	NO	1.44	2.081	47.05	47.07	1.009	1.009	NO	3731	77.6	2.90	
201	2... 13C-PCB-156	8.27e5	1.30	NO	1.40	2.081	48.37	48.37	1.037	1.037	NO	3776	78.6	2.99	
202	2... 13C-PCB-157	8.22e5	1.31	NO	1.40	2.081	48.66	48.66	1.043	1.043	NO	3754	78.1	2.99	
203	2... 13C-PCB-169	7.69e5	1.30	NO	1.33	2.081	50.93	50.93	1.092	1.092	NO	3686	76.7	3.14	
204	2... 13C-PCB-188	6.81e5	0.47	NO	1.41	2.081	43.03	43.01	0.926	0.926	NO	3849	80.1	2.54	
205	2... 13C-PCB-180	4.44e5	0.46	NO	0.929	2.081	49.72	49.72	1.070	1.070	NO	3807	79.2	3.86	
206	2... 13C-PCB-170	4.11e5	0.47	NO	0.794	2.081	51.38	51.39	1.106	1.106	NO	4120	85.7	4.51	
207	2... 13C-PCB-189	5.08e5	0.44	NO	1.04	2.081	53.11	53.09	1.143	1.143	NO	3877	80.7	3.43	
208	2... 13C-PCB-202	5.93e5	0.91	NO	1.04	2.081	48.62	48.60	1.046	1.046	NO	4566	95.0	2.37	
209	2... 13C-PCB-194	5.04e5	0.92	NO	0.768	2.081	54.71	54.71	0.995	0.995	NO	3600	74.9	5.70	
210	2... 13C-PCB-208	6.20e5	0.78	NO	0.991	2.081	53.95	53.95	0.981	0.981	NO	3430	71.4	3.94	
211	2... 13C-PCB-206	4.05e5	0.78	NO	0.552	2.081	56.25	56.24	1.023	1.023	NO	4023	83.7	7.07	
212	2... 13C-PCB-209	3.96e5	1.26	NO	0.396	2.081	57.49	57.49	1.046	1.045	NO	5481	114	0.642	
213	2... 13C-PCB-15	1.57e6	1.59	NO	1.00	2.081	25.54	25.57	1.000	0.000	NO	4805	100	1.49	
214	2... 13C-PCB-31	1.81e6	1.04	NO	1.00	2.081	28.69	28.68	1.000	0.000	NO	4805	100	15.2	
215	2... 13C-PCB-60	1.40e6	0.81	NO	1.00	2.081	36.71	36.70	1.000	0.000	NO	4805	100	3.02	
216	2... 13C-PCB-111	1.03e6	1.58	NO	1.00	2.081	39.27	39.27	1.000	0.000	NO	4805	100	1.29	
217	2... 13C-PCB-128	7.53e5	1.28	NO	1.00	2.081	46.64	46.63	1.000	0.000	NO	4805	100	4.18	
218	2... 13C-PCB-182	6.03e5	0.45	NO	1.00	2.081	46.45	46.46	0.000	0.000	NO	4805	100	3.59	
219	2... 13C-PCB-205	8.77e5	0.91	NO	1.00	2.081	54.99	54.99	1.000	0.000	NO	4805	100	4.38	
220	2... 13C-PCB-79	1.23e6	0.79	NO	1.07	2.081	37.80	37.80	1.030	1.030	NO	3933	81.9	2.82	
221	2... 13C-PCB-178	4.84e5	0.44	NO	0.766	2.081	45.91	45.89	0.988	0.988	NO	4030	83.9	3.82	
222	2... 13C-PCB-79	1.22e6	0.79	NO	1.08	2.081	37.80	37.80	0.968	0.968	NO	4964	103	3.58	
223	2... 13C-PCB-178	4.84e5	0.44	NO	1.05	2.081	45.91	45.89	0.923	0.923	NO	4990	104	4.76	
224	2... Total Mono-PCBs				1.17	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	2... Total Di-PCBs				1.05	2.081	0.00		0.000		NO	15.51		30.3	25.44
226	2... 2nd Function Tri-PCBs				1.08	2.081	0.00		0.000		NO	66.36	>235.06	5.76	66.36
227	2... 3rd Function Tri-PCBs				0.983	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	2... Total Tetra-PCBs				1.08	2.081	0.00		0.000		NO	668.7		19.7	684.2

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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
229	2... 3rd Function Penta-PCBs				1.32	2.081	0.00		0.000		NO	1076	>1078.974 -	26.2	1085 >1139.44 -
230	2... 4th Function Penta-PCBs				1.07	2.081	0.00		0.000		NO	2.974		4.63	54.44
231	2... 3rd Function Hexa-PCBs				0.951	2.081	0.00		0.000		NO	536.3	>1661.3 -	5.51	559.7 >1651.7 -
232	2... 4th Function Hexa-PCBs				1.03	2.081	0.00		0.000		NO	1065		15.1	1092
233	2... Total Hepta-PCBs				1.36	2.081	0.00		0.000		NO	1249		13.6	1255
234	2... 4th Function Octa-PCBs				1.00	2.081	0.00		0.000		NO	233.0	>346.1 -	8.49	236.1 >352.9 -
235	2... 5th Function Octa-PCBs				1.15	2.081	0.00		0.000		NO	113.1		2.04	116.8
236	2... Total Nona-PCBs				0.952	2.081	0.00		0.000		NO	64.14		2.51	69.84
237	2... Deca-CB				0.986	2.081	0.00		0.000		NO	46.21		0.313	46.21
238	2... Total PCBs														

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

Total Mono-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-1	15.57	15.58	1.985e4	1.023e4	1.385e3	8.077e2	1.71	YES	2.192e3	0.00000	5.7986	0.736
2	PCB-2	18.00	17.99	3.448e4	1.073e4	2.198e3	7.169e2	3.07	NO	2.915e3	8.3623	8.3623	0.647
3	PCB-3	18.22	18.22	2.924e4	1.128e4	1.786e3	6.711e2	2.66	NO	2.457e3	7.2605	7.2605	0.667

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-11	24.90	24.90	4.271e4	3.091e4	3.950e3	2.269e3	1.74	NO	6.219e3	15.508	15.508	3.93
2	PCB-15	25.62	25.59	4.163e4	4.563e4	2.230e3	2.538e3	0.88	YES	4.768e3	0.00000	9.9338	4.28

2nd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-19	23.83	23.81	9.813e3	1.027e4	7.916e2	7.589e2	1.04	NO	1.551e3	8.2647	8.2647	1.19
2	PCB-18	25.50	25.52	2.107e4	2.465e4	1.238e3	1.348e3	0.92	NO	2.587e3	12.234	12.234	1.03
3	PCB-17	25.69	25.68	2.947e4	2.562e4	1.967e3	1.647e3	1.19	NO	3.614e3	18.432	18.432	1.11
4	PCB-24/27	26.28	26.25	6.575e3	6.857e3	3.790e2	4.171e2	0.91	NO	7.961e2	2.8456	2.8456	0.780
5	PCB-16/32	26.81	26.80	3.113e4	2.949e4	2.993e3	2.889e3	1.04	NO	5.882e3	24.584	24.584	0.912

3rd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.17	28.18	2.150e4	2.089e4	1.637e3	1.634e3	1.00	NO	3.270e3	10.468	10.468	0.995
2	PCB-25	28.34	28.35	9.451e3	1.048e4	6.533e2	8.340e2	0.78	YES	1.487e3	0.00000	4.0765	0.989
3	PCB-31	28.71	28.70	1.129e5	1.173e5	8.344e3	8.723e3	0.96	NO	1.707e4	49.766	49.766	0.906
4	PCB-28	28.81	28.81	1.380e5	1.362e5	1.076e4	1.027e4	1.05	NO	2.103e4	61.995	61.995	0.916
5	PCB-20/21/33	29.45	29.48	5.453e4	5.256e4	4.548e3	4.528e3	1.00	NO	9.076e3	29.135	29.135	0.998
6	PCB-22	29.91	29.91	3.662e4	3.115e4	3.039e3	2.267e3	1.34	YES	5.306e3	0.00000	14.364	0.965
7	PCB-37	32.81	32.81	3.555e4	3.406e4	2.654e3	2.599e3	1.02	NO	5.253e3	17.350	17.350	1.05

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ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

Total Tetra-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-53	29.54	29.54	1.545e4	2.046e4	1.183e3	1.680e3	0.70	NO	2.863e3	15.608	15.608	0.704
2	PCB-51	29.90	29.87	1.077e4	9.895e3	6.863e2	7.117e2	0.96	YES	1.398e3	0.00000	6.4268	0.659
3	PCB-45	30.34	30.34	1.063e4	1.552e4	7.306e2	1.104e3	0.66	NO	1.835e3	11.617	11.617	0.818
4	PCB-46	30.85	30.84	5.477e3	5.656e3	4.073e2	4.291e2	0.95	YES	8.364e2	0.00000	4.9686	0.845
5	PCB-52/69	31.33	31.31	1.302e5	1.677e5	9.975e3	1.290e4	0.77	NO	2.288e4	106.58	106.58	0.602
6	PCB-43/49	31.61	31.62	6.104e4	8.830e4	5.005e3	6.733e3	0.74	NO	1.174e4	62.778	62.778	0.691
7	PCB-47	31.85	31.85	3.997e4	5.340e4	3.063e3	4.215e3	0.73	NO	7.278e3	40.259	40.259	0.779
8	PCB-48/75	31.96	31.96	1.411e4	2.175e4	1.104e3	1.539e3	0.72	NO	2.643e3	12.033	12.033	0.641
9	PCB-44	32.69	32.65	6.895e4	8.557e4	5.101e3	6.610e3	0.77	NO	1.171e4	72.458	72.458	0.871
10	PCB-42/59	32.89	32.89	2.656e4	2.995e4	2.017e3	2.408e3	0.84	NO	4.425e3	21.495	21.495	0.684
11	PCB-41/64/71/72	33.52	33.48	7.744e4	9.126e4	6.465e3	7.717e3	0.84	NO	1.418e4	60.906	60.906	0.605
12	PCB-68	33.79	33.76	4.358e3	3.714e3	2.845e2	3.258e2	0.87	NO	6.102e2	2.4352	2.4352	0.562
13	PCB-40	34.01	33.99	9.855e3	1.076e4	7.385e2	9.613e2	0.77	NO	1.700e3	14.397	14.397	1.19
14	PCB-63	34.94	34.94	4.114e3	6.879e3	3.089e2	4.802e2	0.64	YES	7.890e2	0.00000	2.9009	0.542
15	PCB-74	35.24	35.23	5.024e4	6.557e4	3.552e3	4.783e3	0.74	NO	8.334e3	30.801	30.801	0.490
16	PCB-61/70	35.45	35.46	1.392e5	1.653e5	1.038e4	1.296e4	0.80	NO	2.334e4	96.963	96.963	0.551
17	PCB-76/66	35.65	35.66	9.416e4	1.343e5	7.496e3	1.043e4	0.72	NO	1.793e4	67.423	67.423	0.499
18	PCB-56/60	36.72	36.72	5.330e4	7.304e4	4.223e3	6.100e3	0.69	NO	1.032e4	42.553	42.553	0.538
19	PCB-79	37.82	37.86	2.578e3	3.796e3	2.029e2	2.855e2	0.71	NO	4.884e2	1.8003	1.8003	0.481
20	PCB-81	39.09	39.14	2.722e3	4.073e3	1.195e2	1.978e2	0.60	YES	3.172e2	0.00000	1.1513	0.563
21	PCB-77	39.70	39.70	1.080e4	1.586e4	8.773e2	1.280e3	0.69	NO	2.157e3	8.5970	8.5970	0.545

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3rd Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.82	33.80	3.335e3	1.629e3	2.612e2	1.434e2	1.82	YES	4.046e2	0.00000	1.8440	0.762
2	PCB-103	34.38	34.36	4.500e3	3.259e3	3.476e2	2.515e2	1.38	NO	5.991e2	3.7082	3.7082	0.939
3	PCB-100	34.74	34.73	3.267e3	1.967e3	2.629e2	1.706e2	1.54	NO	4.335e2	2.6352	2.6352	0.922
4	PCB-94	35.21	35.21	1.522e3	1.629e3	1.592e2	1.144e2	1.39	NO	2.736e2	2.1699	2.1699	1.24
5	PCB-95/98/102	35.68	35.77	2.156e5	1.235e5	1.587e4	9.470e3	1.68	NO	2.534e4	158.38	158.38	0.978
6	PCB-93	35.82	35.83	2.357e4	1.428e4	3.331e2	2.253e2	1.48	NO	5.584e2	4.4952	4.4952	1.26
7	PCB-88/91	36.16	36.18	2.643e4	1.720e4	2.094e3	1.343e3	1.56	NO	3.436e3	24.288	24.288	1.11
8	PCB-84/92	37.11	37.11	8.027e4	5.440e4	6.359e3	4.255e3	1.49	NO	1.061e4	79.145	79.145	1.16
9	PCB-90/101	37.50	37.50	2.770e5	1.686e5	2.142e4	1.374e4	1.56	NO	3.516e4	237.67	237.67	1.05
10	PCB-113	37.75	37.78	1.075e4	8.699e3	2.277e2	2.119e2	1.07	YES	4.395e2	0.00000	1.8726	0.778
11	PCB-99	37.83	37.84	1.011e5	5.526e4	7.378e3	4.242e3	1.74	NO	1.162e4	66.755	66.755	0.892
12	PCB-119	38.32	38.32	1.123e4	6.752e3	8.349e2	4.854e2	1.72	NO	1.320e3	6.2553	6.2553	0.748
13	PCB-108/112	38.48	38.51	8.478e3	5.813e3	6.736e2	4.139e2	1.63	NO	1.087e3	6.4370	6.4370	0.935
14	PCB-97	38.84	38.84	4.908e4	3.121e4	3.872e3	2.586e3	1.50	NO	6.458e3	43.086	43.086	1.05
15	PCB-87/117/125	39.13	39.14	8.356e4	4.825e4	6.265e3	3.723e3	1.68	NO	9.988e3	54.802	54.802	0.867
16	PCB-111/115	39.29	39.29	4.908e3	2.732e3	2.904e2	1.629e2	1.78	NO	4.534e2	2.0297	2.0297	0.707
17	PCB-85/116	39.42	39.40	2.888e4	1.992e4	2.334e3	1.558e3	1.50	NO	3.892e3	23.596	23.596	0.957
18	PCB-120	39.67	39.64	2.807e3	1.757e3	2.964e2	1.826e2	1.62	NO	4.790e2	2.0433	2.0433	0.674
19	PCB-110	39.83	39.83	3.048e5	1.882e5	2.378e4	1.465e4	1.62	NO	3.843e4	188.61	188.61	0.775
20	PCB-82	40.47	40.46	1.650e4	9.575e3	1.333e3	7.590e2	1.76	NO	2.092e3	16.817	16.817	1.28
21	PCB-124	41.17	41.15	6.631e3	5.941e3	7.514e2	6.400e2	1.17	YES	1.391e3	0.00000	5.5427	0.718
22	PCB-107/109	41.32	41.34	1.810e4	1.305e4	1.362e3	9.043e2	1.51	NO	2.266e3	10.606	10.606	0.747
23	PCB-123	41.49	41.52	3.083e3	1.957e3	2.255e2	1.388e2	1.62	NO	3.642e2	1.9092	1.9092	0.837
24	PCB-106/118	41.69	41.69	2.254e5	1.248e5	1.810e4	1.028e4	1.76	NO	2.839e4	140.08	140.08	0.810

4th Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.35	42.33	4.108e3	3.393e3	3.834e2	2.853e2	1.34	NO	6.687e2	2.9739	2.9739	0.852
2	PCB-122	42.50	42.48	2.745e3	1.777e3	2.391e2	1.146e2	2.09	YES	3.536e2	0.00000	1.5760	1.03
3	PCB-105	43.24	43.24	9.014e4	5.094e4	7.576e3	4.090e3	1.85	YES	1.167e4	0.00000	49.889	0.951

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3rd Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.34	38.34	1.103e3	1.030e3	9.391e1	9.904e1	0.95	YES	1.929e2	0.00000	1.2678	0.364
2	PCB-136	39.63	39.62	5.108e4	4.750e4	4.181e3	3.803e3	1.10	NO	7.984e3	63.324	63.324	0.386
3	PCB-154	40.24	40.24	3.667e3	2.750e3	2.874e2	1.978e2	1.45	YES	4.852e2	0.00000	3.9035	0.429
4	PCB-151	40.91	40.89	7.976e4	5.984e4	6.295e3	4.787e3	1.32	NO	1.108e4	114.08	114.08	0.502
5	PCB-135	41.13	41.11	3.429e4	2.359e4	2.677e3	1.920e3	1.39	NO	4.597e3	40.360	40.360	0.428
6	PCB-144	41.23	41.24	1.272e4	1.319e4	9.837e2	9.956e2	0.99	YES	1.979e3	0.00000	18.237	0.500
7	PCB-147	41.38	41.37	3.918e3	4.045e3	2.821e2	2.627e2	1.07	NO	5.448e2	5.2859	5.2859	0.473
8	PCB-139/149	41.64	41.63	2.759e5	2.089e5	2.067e4	1.599e4	1.29	NO	3.667e4	313.23	313.23	0.416

4th Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.29	42.31	1.206e4	1.190e4	9.998e2	1.041e3	0.96	YES	2.041e3	0.00000	14.387	0.951
2	PCB-131/133	42.59	42.60	8.857e3	6.575e3	6.385e2	5.126e2	1.25	NO	1.151e3	8.4782	8.4782	0.879
3	PCB-146/165	42.97	43.01	6.671e4	5.253e4	5.234e3	4.175e3	1.25	NO	9.409e3	55.948	55.948	0.710
4	PCB-132/161	43.22	43.28	1.039e5	8.613e4	7.911e3	6.714e3	1.18	NO	1.462e4	86.325	86.325	0.705
5	PCB-153	43.41	43.41	4.717e5	3.779e5	3.630e4	2.918e4	1.24	NO	6.548e4	369.73	369.73	0.674
6	PCB-141	44.17	44.19	7.494e4	6.479e4	6.356e3	5.277e3	1.20	NO	1.163e4	82.728	82.728	0.852
7	PCB-137	44.56	44.58	8.771e3	5.268e3	7.416e2	4.821e2	1.54	YES	1.224e3	0.00000	7.1000	0.787
8	PCB-130	44.68	44.68	1.613e4	1.278e4	1.294e3	9.845e2	1.31	NO	2.279e3	18.794	18.794	0.988
9	PCB-138/163/164	45.06	45.06	3.637e5	2.971e5	3.419e4	2.768e4	1.24	NO	6.187e4	329.99	329.99	0.634
10	PCB-158/160	45.30	45.29	4.188e4	3.207e4	3.426e3	2.586e3	1.32	NO	6.013e3	33.196	33.196	0.656
11	PCB-129	45.55	45.57	6.916e3	5.885e3	6.003e2	4.694e2	1.28	NO	1.070e3	8.4498	8.4498	0.938
12	PCB-128/162	46.68	46.67	3.603e4	3.017e4	3.011e3	2.372e3	1.27	NO	5.383e3	33.111	33.111	0.792
13	PCB-167	47.09	47.09	1.501e4	1.123e4	1.127e3	9.299e2	1.21	NO	2.057e3	10.586	10.586	0.652
14	PCB-156	48.39	48.41	3.753e4	2.878e4	3.114e3	2.337e3	1.33	NO	5.451e3	28.140	28.140	0.646
15	PCB-157	48.68	48.68	6.464e3	3.346e3	6.027e2	3.981e2	1.51	YES	1.001e3	0.00000	5.0214	0.700

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Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-179	44.31	44.30	8.117e4	7.787e4	6.656e3	6.169e3	1.08	NO	1.282e4	69.750	69.750	0.458
2	PCB-176	44.77	44.78	2.509e4	2.362e4	2.069e3	1.811e3	1.14	NO	3.880e3	20.932	20.932	0.454
3	PCB-178	45.91	45.91	2.773e4	2.216e4	2.015e3	1.729e3	1.17	NO	3.744e3	28.024	28.024	0.630
4	PCB-175	46.27	46.29	5.174e3	5.316e3	4.269e2	4.043e2	1.06	NO	8.312e2	6.1362	6.1362	0.621
5	PCB-182/187	46.48	46.44	1.745e5	1.727e5	1.335e4	1.368e4	0.98	NO	2.703e4	178.99	178.99	0.557
6	PCB-183	46.78	46.78	8.292e4	7.542e4	6.452e3	6.192e3	1.04	NO	1.264e4	87.276	87.276	0.581
7	PCB-185	47.46	47.47	1.648e4	1.425e4	1.357e3	1.236e3	1.10	NO	2.593e3	19.974	19.974	0.670
8	PCB-174	47.86	47.83	1.262e5	1.217e5	1.038e4	9.888e3	1.05	NO	2.026e4	162.12	162.12	0.695
9	PCB-177	48.13	48.11	7.496e4	6.422e4	5.827e3	5.199e3	1.12	NO	1.103e4	93.450	93.450	0.737
10	PCB-171	48.43	48.41	3.082e4	2.794e4	2.491e3	2.203e3	1.13	NO	4.694e3	38.625	38.625	0.715
11	PCB-173	48.86	48.85	1.408e3	2.643e3	1.284e2	1.880e2	0.68	YES	3.164e2	0.00000	2.2809	0.791
12	PCB-172	49.34	49.32	1.562e4	1.657e4	1.315e3	1.381e3	0.95	NO	2.696e3	21.227	21.227	0.685
13	PCB-180	49.74	49.74	2.855e5	2.742e5	2.257e4	2.167e4	1.04	NO	4.425e4	339.43	339.43	0.667
14	PCB-193	49.96	49.95	1.647e4	1.754e4	1.362e3	1.450e3	0.94	NO	2.812e3	18.163	18.163	0.561
15	PCB-191	50.23	50.21	4.432e3	5.069e3	4.365e2	4.088e2	1.07	NO	8.454e2	5.3533	5.3533	0.550
16	PCB-170	51.41	51.40	1.037e5	9.867e4	8.104e3	7.727e3	1.05	NO	1.583e4	132.28	132.28	0.715
17	PCB-190	51.62	51.60	2.991e4	2.626e4	2.341e3	1.968e3	1.19	NO	4.309e3	27.249	27.249	0.541
18	PCB-189	53.11	53.09	4.324e3	5.492e3	2.973e2	3.586e2	0.83	YES	6.559e2	0.00000	3.7793	0.472

4th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.64	48.64	1.440e4	1.734e4	1.139e3	1.396e3	0.82	NO	2.536e3	17.579	17.579	0.887
2	PCB-201	49.13	49.13	9.252e3	1.141e4	7.796e2	8.889e2	0.88	NO	1.668e3	12.836	12.836	0.985
3	PCB-197	49.60	49.59	2.757e3	2.547e3	2.208e2	2.386e2	0.93	NO	4.594e2	3.2851	3.2851	0.915
4	PCB-200	50.54	50.53	8.313e3	1.157e4	6.940e2	8.475e2	0.82	NO	1.541e3	11.665	11.665	0.969
5	PCB-198	52.08	52.09	2.277e3	3.604e3	1.418e2	2.308e2	0.61	YES	3.726e2	0.00000	3.0721	1.31
6	PCB-199	52.22	52.22	6.452e4	6.731e4	4.481e3	4.787e3	0.94	NO	9.268e3	92.754	92.754	1.28
7	PCB-196/203	52.52	52.52	6.500e4	7.242e4	4.695e3	5.124e3	0.92	NO	9.820e3	94.882	94.882	1.24

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5th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-195	53.82	53.81	2.600e4	2.934e4	1.500e3	1.780e3	0.84	NO	3.280e3	29.909	29.909	0.743
2	PCB-194	54.72	54.72	8.153e4	8.846e4	4.838e3	4.911e3	0.99	NO	9.749e3	83.214	83.214	0.696
3	PCB-205	55.00	55.00	5.503e3	4.317e3	3.080e2	2.652e2	1.16	YES	5.732e2	0.00000	3.7029	0.602

Total Nona-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-208	53.96	53.96	1.783e4	1.224e4	1.130e3	7.450e2	1.52	NO	1.875e3	15.572	15.572	0.733
2	PCB-207	54.30	54.30	8.732e3	5.325e3	4.712e2	2.879e2	1.64	YES	7.591e2	0.00000	5.6977	0.746
3	PCB-206	56.26	56.26	3.966e4	3.124e4	2.367e3	1.760e3	1.35	NO	4.127e3	48.566	48.566	1.03

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.49	57.50	3.922e4	3.024e4	2.124e3	1.636e3	1.30	NO	3.760e3	46.213	46.213	0.313

Total PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

Total Mono-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.55	15.56	1.526e7	4.926e6	9.740e5	3.219e5	3.03	NO	1.296e6	4430.2		4.10
2	13C-PCB-3	18.20	18.21	1.743e7	5.367e6	1.082e6	3.338e5	3.24	NO	1.416e6	4748.6		4.02

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Total Di-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.56	19.56	9.589e6	6.168e6	5.806e5	3.683e5	1.58	NO	9.489e5	4830.9		2.48
2	13C-PCB-9	21.39	21.37	1.578e7	9.785e6	9.669e5	6.051e5	1.60	NO	1.572e6	4952.3		1.53
3	13C-PCB-11	24.85	24.88	1.100e7	6.824e6	1.050e6	6.607e5	1.59	NO	1.711e6	5434.6		1.55
4	13C-PCB-15	25.54	25.57	1.716e7	1.098e7	9.651e5	6.080e5	1.59	NO	1.573e6	4805.2		1.49

2nd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.81	23.80	6.214e6	5.901e6	4.183e5	3.966e5	1.05	NO	8.149e5	4989.4		27.0
2	13C-PCB-32	26.80	26.79	9.821e6	9.085e6	6.476e5	5.947e5	1.09	NO	1.242e6	5099.9		18.1

3rd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.69	28.68	1.246e7	1.184e7	9.253e5	8.859e5	1.04	NO	1.811e6	4805.2		15.2
2	13C-PCB-28	28.77	28.79	1.051e7	1.021e7	8.093e5	7.809e5	1.04	NO	1.590e6	3964.3		14.3
3	13C-PCB-37	32.77	32.79	9.439e6	8.875e6	7.427e5	6.990e5	1.06	NO	1.442e6	3866.9		15.3

Tetra-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.63	27.64	6.268e6	7.797e6	4.675e5	5.859e5	0.80	NO	1.053e6	3609.0		3.02
2	13C-PCB-52	31.26	31.29	5.240e6	6.588e6	3.929e5	4.913e5	0.80	NO	8.842e5	3764.6		3.75
3	13C-PCB-47	31.78	31.83	5.097e6	6.575e6	4.166e5	5.257e5	0.79	NO	9.423e5	3763.2		3.52
4	13C-PCB-70	35.43	35.44	6.258e6	7.979e6	4.821e5	6.151e5	0.78	NO	1.097e6	3772.5		3.03
5	13C-PCB-80	35.87	35.87	6.719e6	8.428e6	5.089e5	6.363e5	0.80	NO	1.145e6	3813.5		2.94
6	13C-PCB-60	36.71	36.70	8.074e6	9.930e6	6.283e5	7.751e5	0.81	NO	1.403e6	4805.2		3.02
7	13C-PCB-79	37.80	37.80	6.925e6	8.770e6	5.400e5	6.879e5	0.79	NO	1.228e6	3933.1		2.82
8	13C-PCB-81	39.06	39.07	6.211e6	7.875e6	4.844e5	6.109e5	0.79	NO	1.095e6	3796.0		3.06
9	13C-PCB-77	39.67	39.68	6.044e6	7.339e6	4.795e5	5.810e5	0.83	NO	1.061e6	3748.4		3.12

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3rd Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.48	6.811e6	4.288e6	5.100e5	3.190e5	1.60	NO	8.290e5	3807.5		1.27
2	13C-PCB-95	35.74	35.74	5.112e6	3.193e6	3.950e5	2.435e5	1.62	NO	6.384e5	3701.5		1.60
3	13C-PCB-101	37.49	37.48	5.085e6	3.158e6	3.898e5	2.433e5	1.60	NO	6.331e5	3729.2		1.63
4	13C-PCB-97	38.83	38.82	4.488e6	2.748e6	3.500e5	2.118e5	1.65	NO	5.618e5	3766.1		1.85
5	13C-PCB-111	39.27	39.27	8.313e6	5.222e6	6.304e5	3.990e5	1.58	NO	1.029e6	4805.2		1.29
6	13C-PCB-123	41.47	41.47	5.991e6	3.687e6	4.724e5	2.929e5	1.61	NO	7.653e5	3829.5		1.38
7	13C-PCB-118	41.66	41.65	6.075e6	3.802e6	4.923e5	3.063e5	1.61	NO	7.986e5	3782.5		1.31

4th Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.33	42.33	7.509e6	4.637e6	5.856e5	3.613e5	1.62	NO	9.469e5	3905.8		2.32
2	13C-PCB-105	43.22	43.22	7.214e6	4.610e6	5.841e5	3.720e5	1.57	NO	9.561e5	3879.4		2.28
3	13C-PCB-127	43.56	43.58	7.548e6	4.789e6	6.100e5	3.899e5	1.56	NO	9.999e5	3926.3		2.21
4	13C-PCB-126	45.54	45.53	6.823e6	4.353e6	5.546e5	3.547e5	1.56	NO	9.093e5	3699.9		2.29

4th Function Hexa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	5.722e6	4.482e6	4.459e5	3.489e5	1.28	NO	7.949e5	3715.8		3.06
2	13C-PCB-141	44.15	44.15	4.707e6	3.696e6	3.681e5	2.900e5	1.27	NO	6.582e5	3723.0		3.70
3	13C-PCB-138	45.02	45.02	5.121e6	3.924e6	3.973e5	3.046e5	1.30	NO	7.019e5	3779.8		3.52
4	13C-PCB-159	46.34	46.35	5.730e6	4.553e6	4.821e5	3.788e5	1.27	NO	8.609e5	3815.8		2.90
5	13C-PCB-128	46.64	46.63	5.249e6	4.093e6	4.231e5	3.300e5	1.28	NO	7.532e5	4805.2		4.18
6	13C-PCB-167	47.05	47.07	5.749e6	4.417e6	4.752e5	3.669e5	1.30	NO	8.421e5	3730.6		2.90
7	13C-PCB-156	48.37	48.37	5.717e6	4.393e6	4.674e5	3.594e5	1.30	NO	8.268e5	3776.0		2.99
8	13C-PCB-157	48.66	48.66	5.729e6	4.402e6	4.654e5	3.565e5	1.31	NO	8.219e5	3753.5		2.99
9	13C-PCB-169	50.93	50.93	5.385e6	4.181e6	4.342e5	3.348e5	1.30	NO	7.690e5	3685.8		3.14

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5th Function Octa-Isotopes

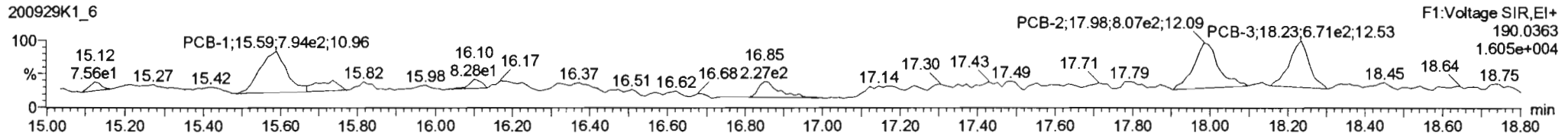
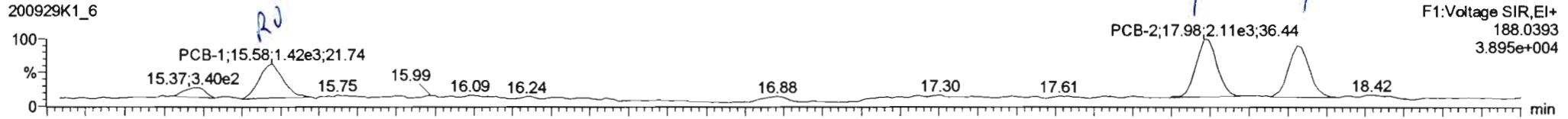
	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.71	4.303e6	4.663e6	2.422e5	2.623e5	0.92	NO	5.045e5	3600.1		5.70
2	13C-PCB-205	54.99	54.99	7.494e6	8.200e6	4.189e5	4.579e5	0.91	NO	8.767e5	4805.2		4.38

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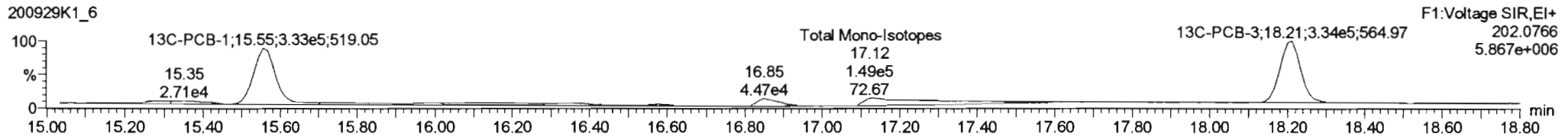
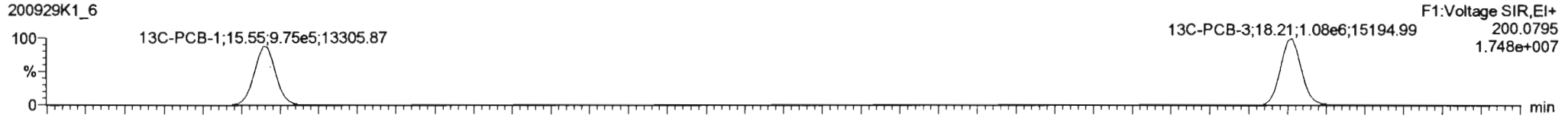
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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

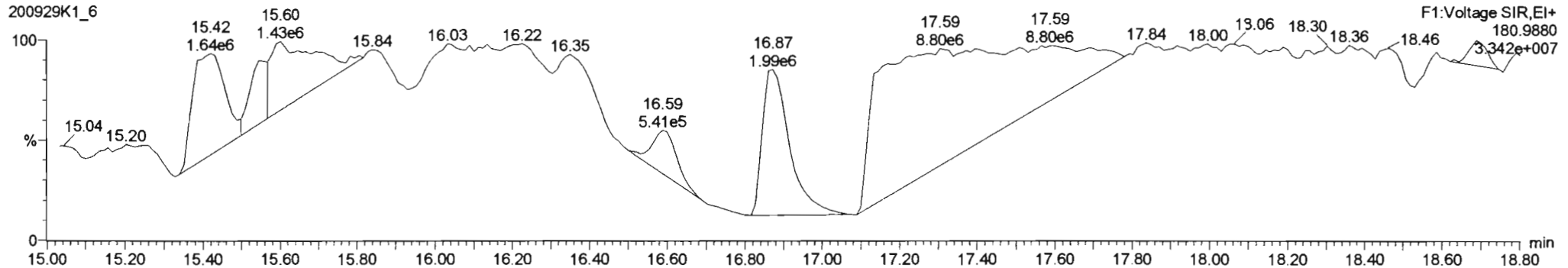
PCB-1

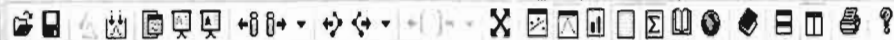


13C-PCB-1



PFK1

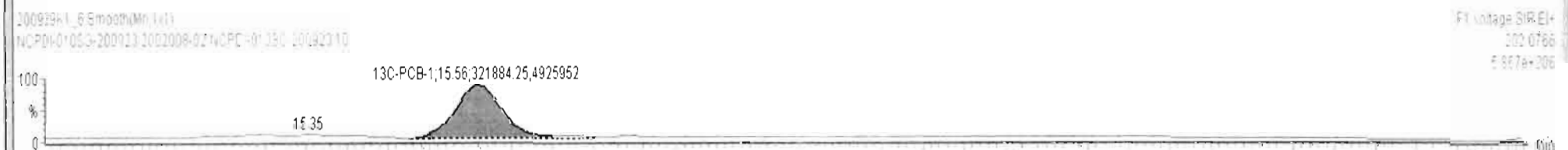
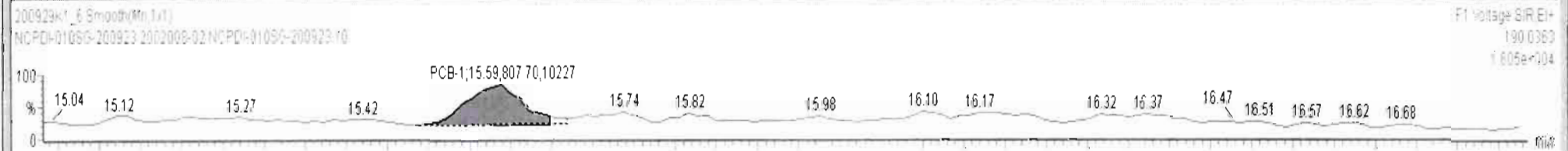
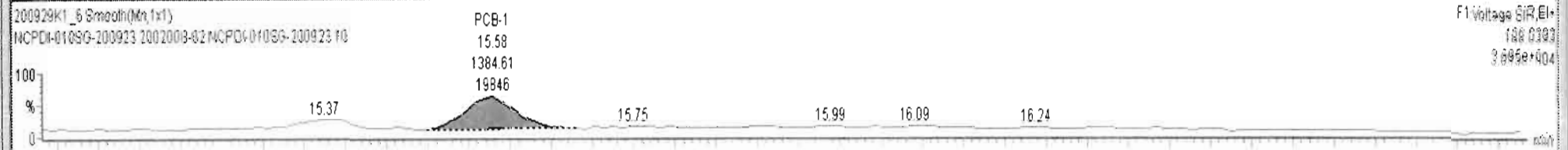




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-C10SG-200923

#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	15.51		30.3	25.44
226	226 2nd Function Tri-PCBs				1.0807	2.081	0.00		0.000		NO	66.36		5.76	66.36

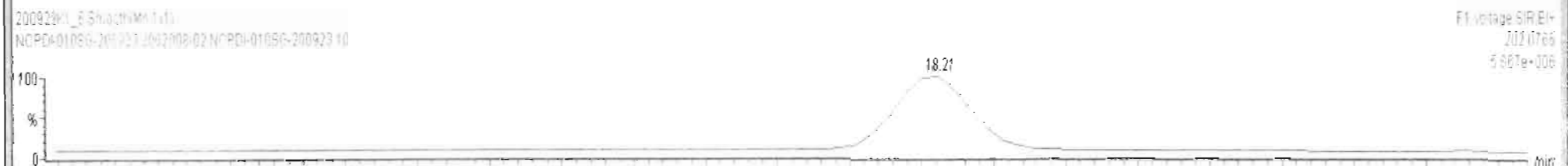
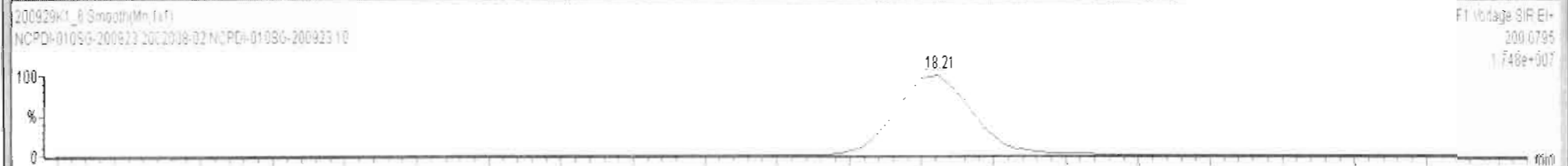
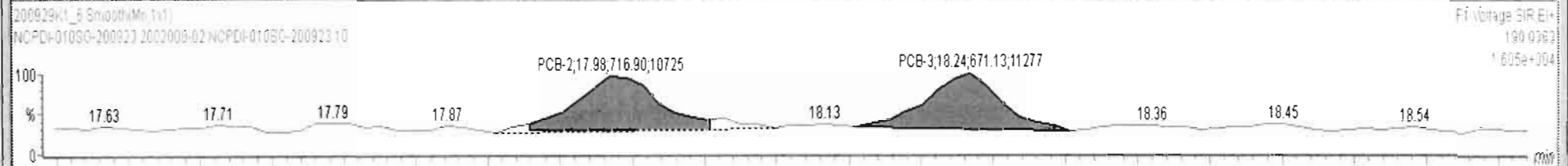
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	1 PCB-1	15.57	15.58	1.385e3	8.077e2	3.130	1.71	YES	5.7986	0.00000
2	2 PCB-2	18.00	17.99	2.198e3	7.169e2	3.130	3.07	NO	8.3623	8.3623
3	3 PCB-3	18.22	18.22	1.786e3	6.711e2	3.130	2.66	NO	7.2605	7.2605



200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	nly	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.04	21.51
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	3.185		30.3	31.28
226	226 2nd Function Tri-PCBs				1.0807	2.081	0.00		0.000		NO	24.75		5.76	58.19

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	1 PCB-1	15.57	15.58	1.420e3	7.941e2	3.130	1.79	YES	5.8900	0.00000
2	2 PCB-2	18.00	17.98	2.198e3	7.169e2	3.130	3.07	NO	8.3623	8.3623
3	3 PCB-3	18.22	18.22	1.786e3	6.711e2	3.130	2.66	NO	7.2605	7.2605



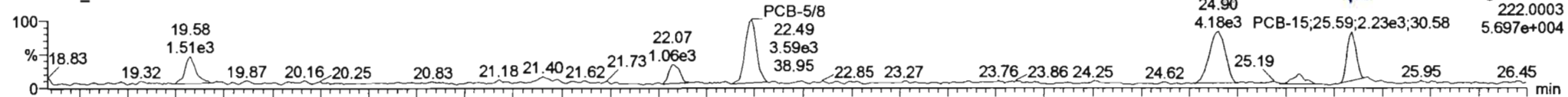
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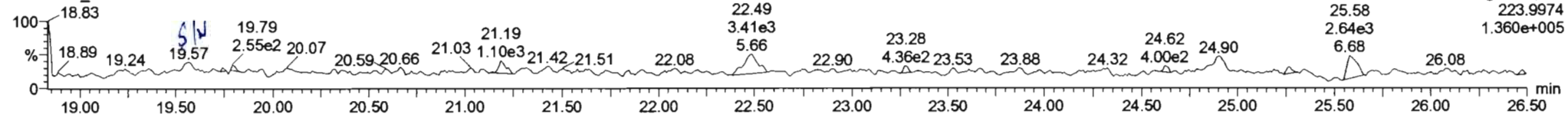
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PCB-4/10

200929K1_6

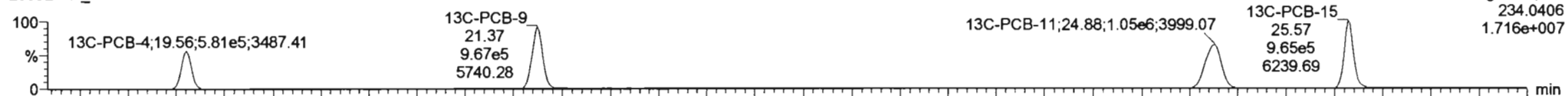


200929K1_6

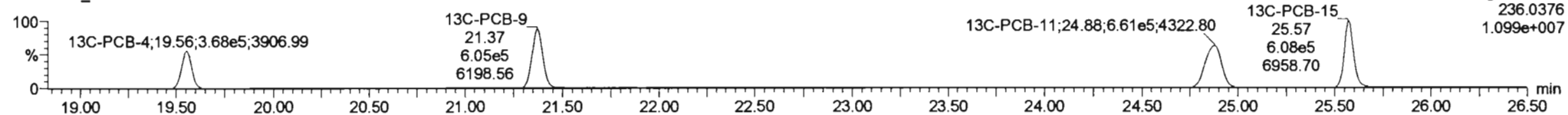


13C-PCB-4

200929K1_6

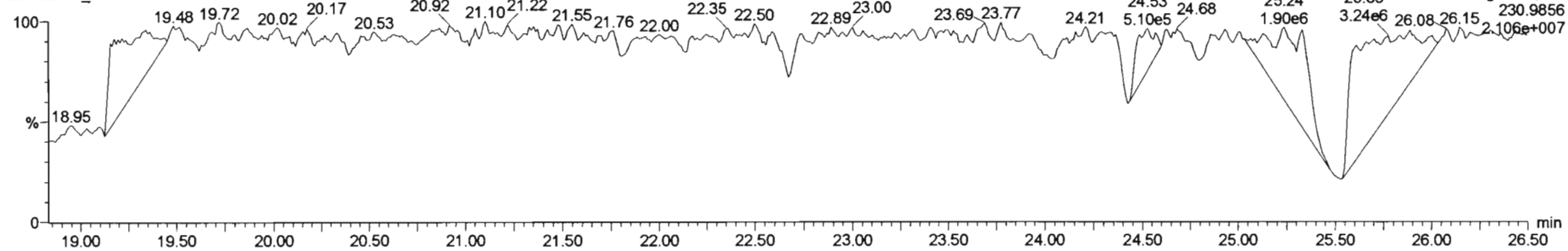


200929K1_6



PFK2a

200929K1_6

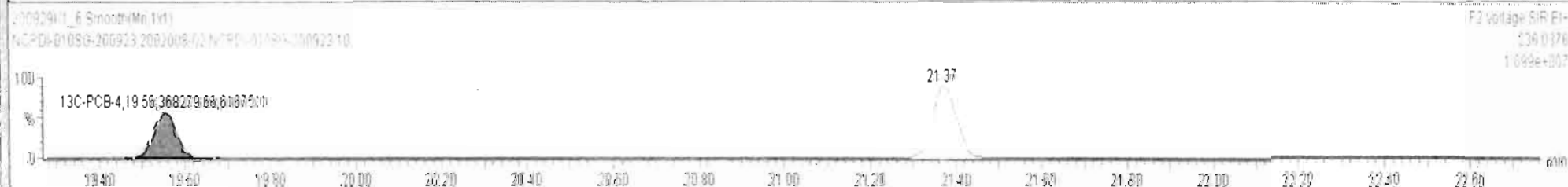
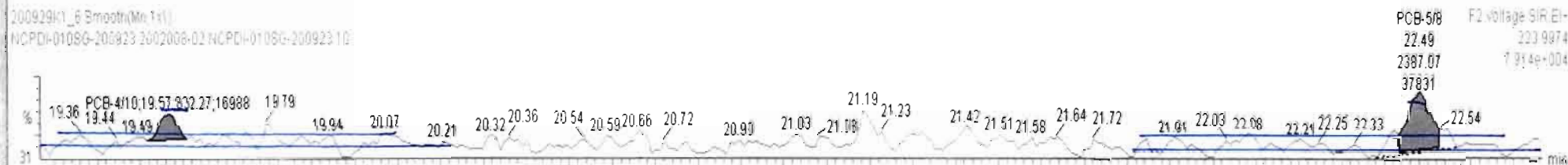
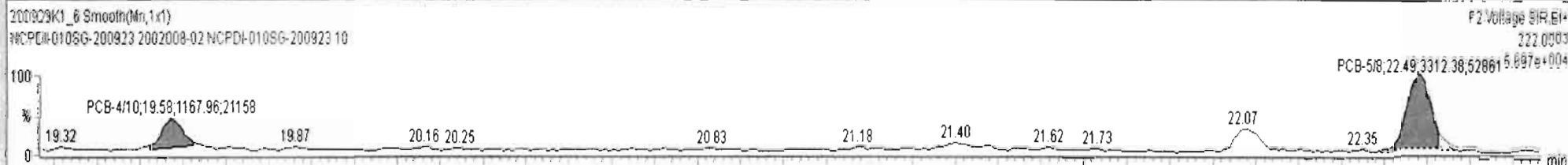


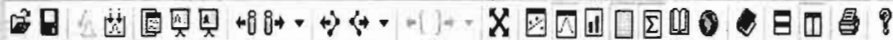


200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	26.85		30.3	38.81
226	226 2nd Function Tri-PCBs				1.0807	2.081	0.00		0.000		NO	24.75		5.76	58.19

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4/10	19.64	19.58	1.168e3	8.323e2	1.560	1.40	NO	8.1159	8.1159
2	7 PCB-5/8	22.49	22.49	3.312e3	2.387e3	1.560	1.39	NO	17.553	17.553
3	10 PCB-12/13	25.33	25.32	7.046e2	4.597e2	1.560	1.53	NO	3.1854	3.1854
4	11 PCB-15	25.62	25.59	2.235e3	2.635e3	1.560	0.85	YES	9.9541	0.00000

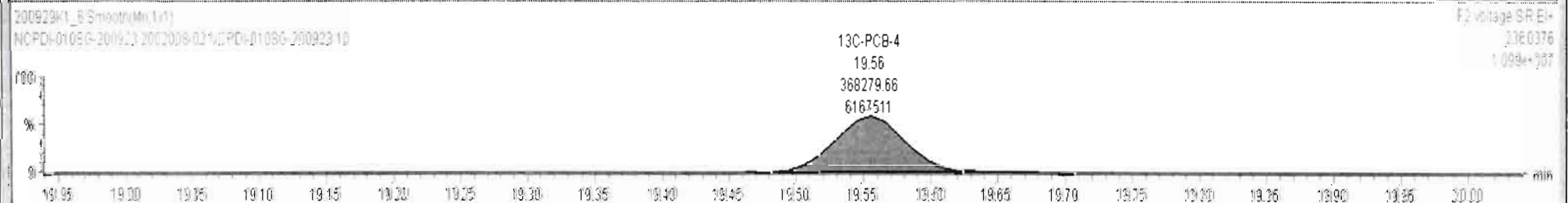
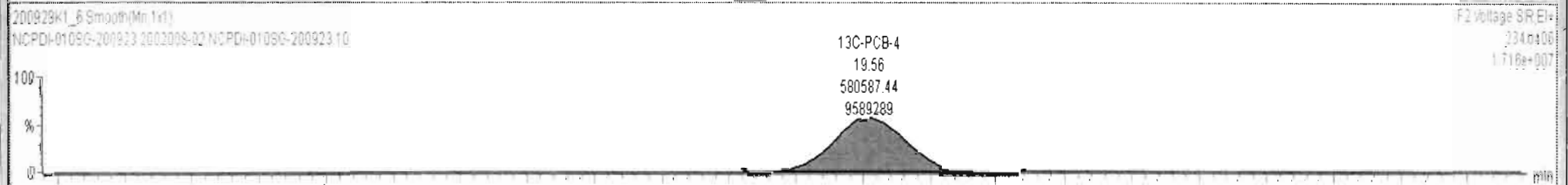
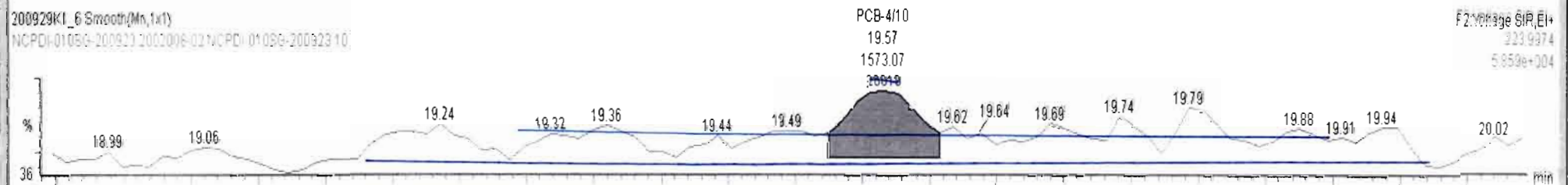
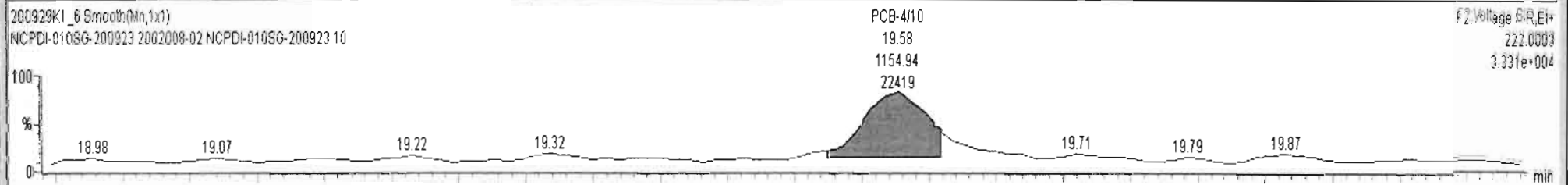




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	IS Resp	IS#	RA	n/y	RRF	wtVol	Pred.RT	RT	RRT	Pred.RRT	Check RRT	Conc.	%Rec	DL	EMPC
225	2... Total Di-PCBs							2.081	0.00			0.000	NO	15.51		30.3	33.13
226	2... 2nd Function Tri-PCBs							2.081	0.00			0.000	NO	66.36		5.76	66.36
227	2... 3rd Function Tri-PCBs							2.081	0.00			0.000	NO	168.7		14.0	187.2

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	Pred.RA	RA	n/y	EMPC	Conc.	Primer...	1° Det...
1	11 PCB-15	25.62	25.59	2.230e3	2.538e3	1.560	0.88	YES	9.9338	0.00000	MM	MM
2	9 PCB-11	24.90	24.90	3.950e3	2.269e3	1.560	1.74	NO	15.508	15.508	MM	MM

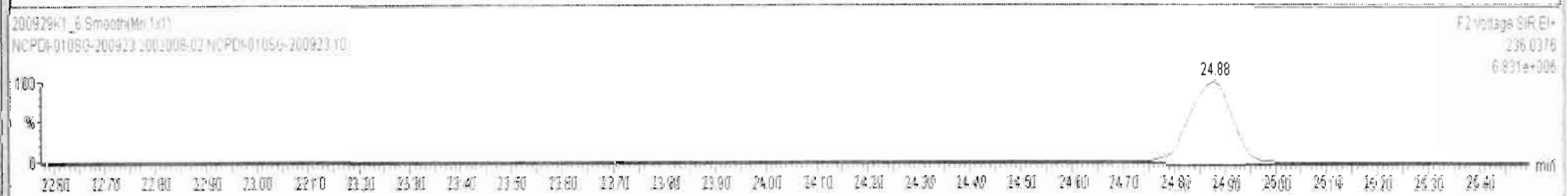
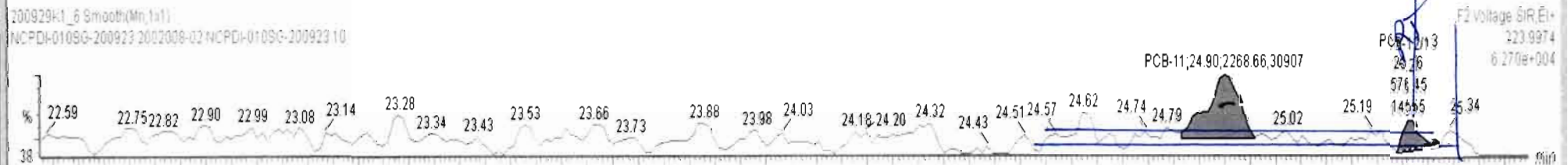
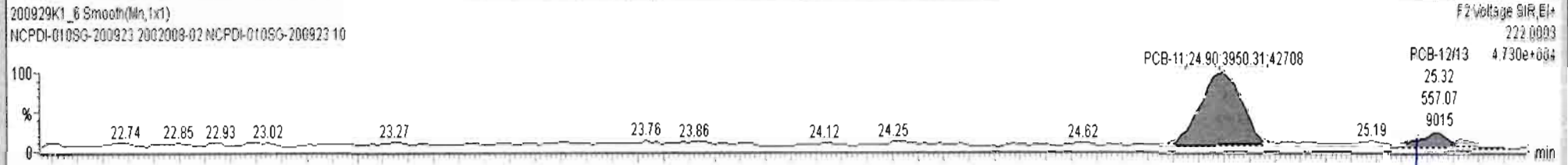




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred_RT	RT	Pred_R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	33.06		30.3	47.44
226	226 2nd Function Tri-PCBs				1.0007	2.081	0.00		0.000		NO	24.75		5.76	58.19

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	7 PCB-5/8	22.49	22.49	3.312e3	2.387e3	1.560	1.39	NO	17.553	17.553
2	9 PCB-11	24.90	24.90	3.950e3	2.269e3	1.560	1.74	NO	15.508	15.508
3	10 PCB-12/13	25.33	25.32	5.571e2	5.764e2	1.560	0.97	YES	2.5010	0.00000
4	11 PCB-15	25.62	25.59	2.666e3	2.635e3	1.560	1.01	YES	11.877	0.00000

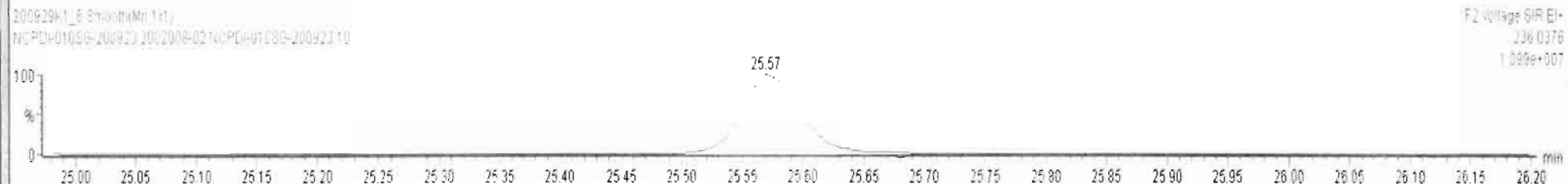
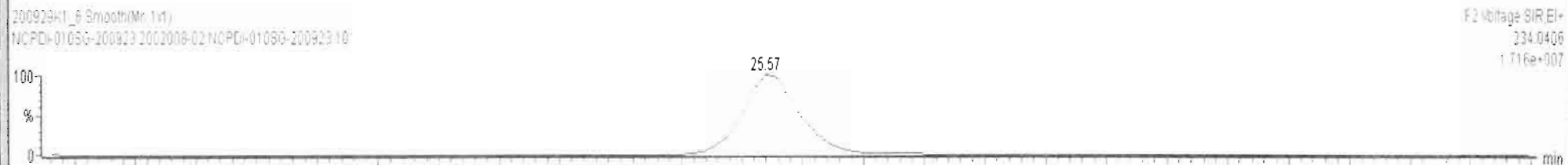
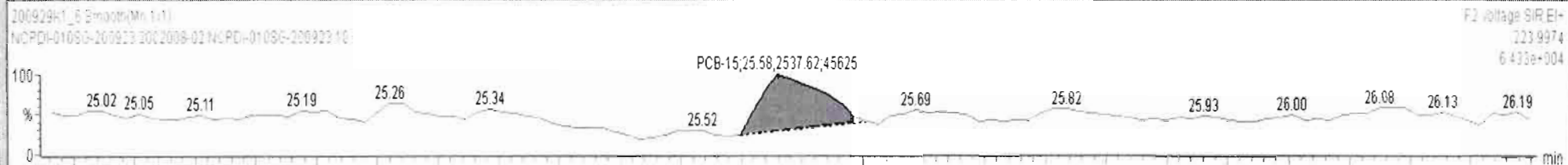
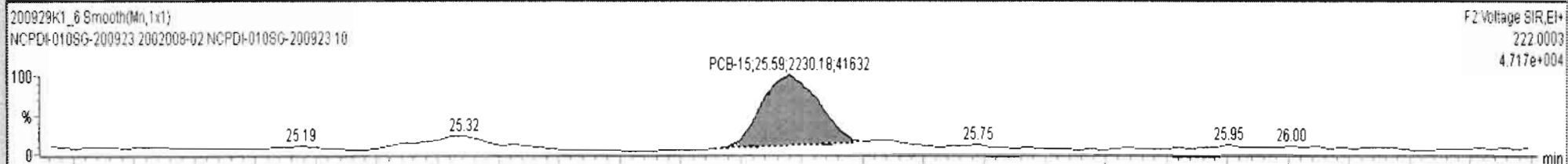




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	33.06		30.3	43.00
226	226 2nd Function Tri-PCBs				1.0807	2.081	0.00		0.000		NO	24.75		5.76	58.19

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	7 PCB-5/8	22.49	22.49	3.312e3	2.387e3	1.560	1.39	NO	17.553	17.553
2	9 PCB-11	24.90	24.90	3.950e3	2.269e3	1.560	1.74	NO	15.508	15.508
3	11 PCB-15	25.62	25.59	2.230e3	2.538e3	1.560	0.88	YES	9.9338	0.00000

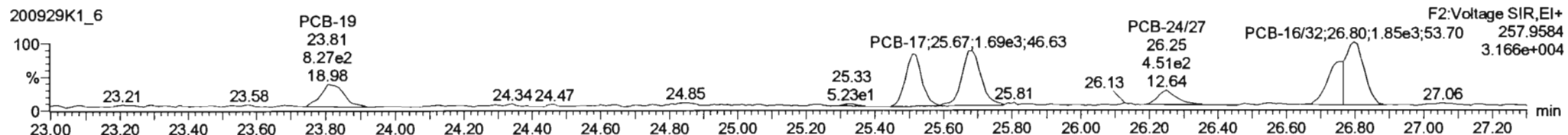
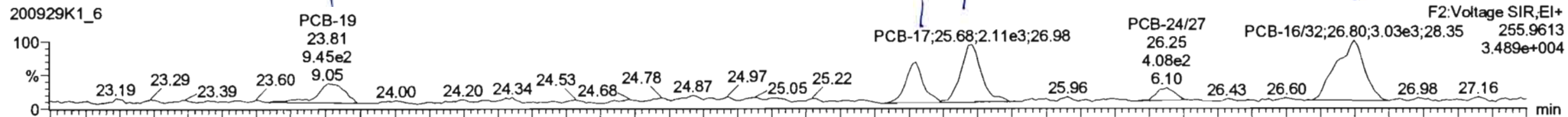


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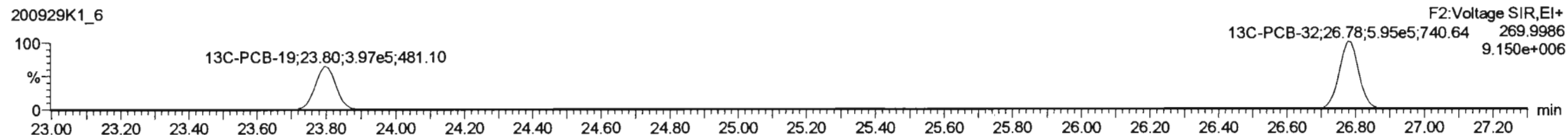
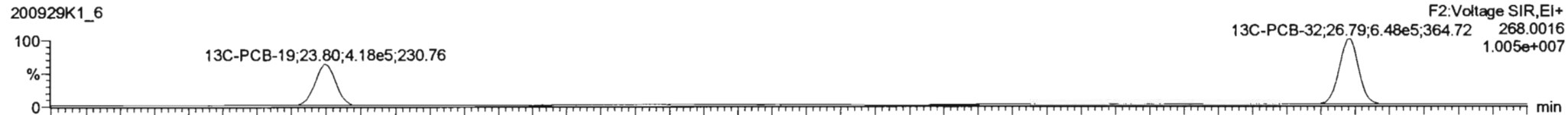
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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

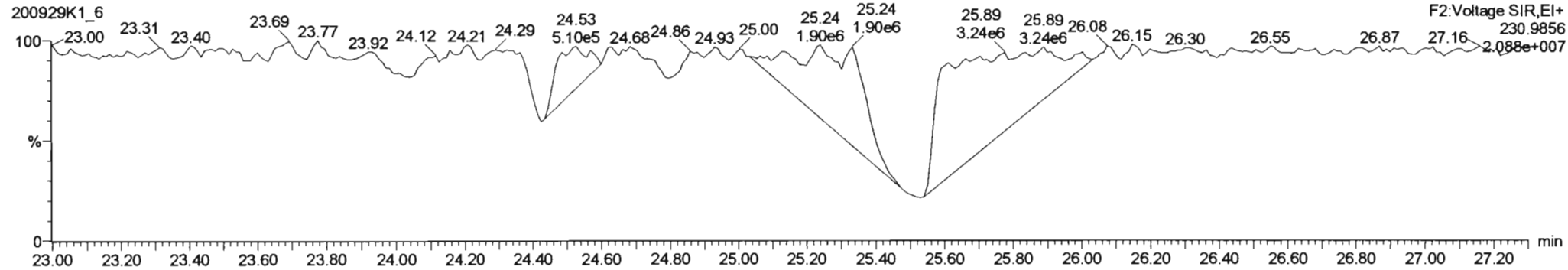
PCB-19



13C-PCB-19



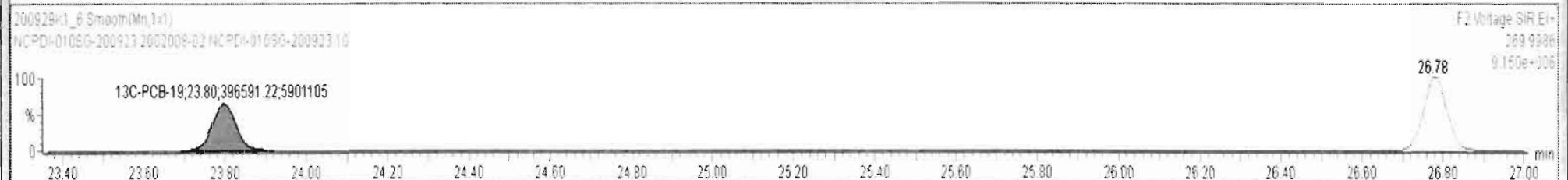
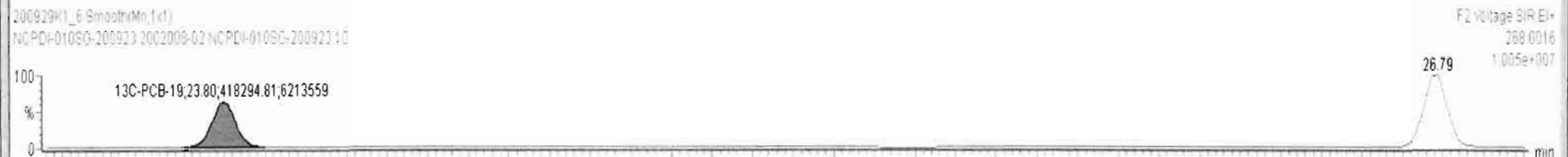
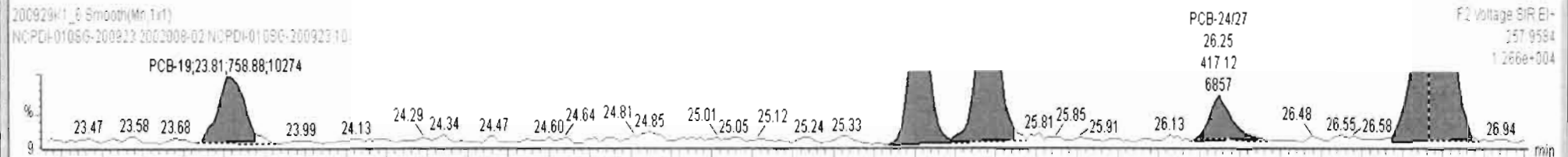
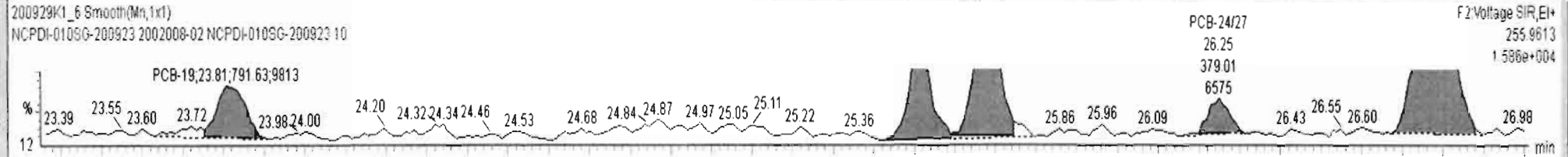
PFK2b



200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	PredRT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.081	0.00		0.000		NO	15.62		2.05	21.42
225	225 Total Di-PCBs				1.0537	2.081	0.00		0.000		NO	33.06		30.3	43.00
226	226 2nd Function Tri-PCBs				1.0807	2.081	0.00		0.000		NO	66.36		5.76	66.36

#	Name	PredRT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.83	23.81	7.916e2	7.589e2	1.040	1.04	NO	8.2647	8.2647
2	14 PCB-18	25.50	25.52	1.238e3	1.348e3	1.040	0.92	NO	12.234	12.234
3	15 PCB-17	25.69	25.68	1.967e3	1.647e3	1.040	1.19	NO	18.432	18.432
4	16 PCB-24/27	26.28	26.25	3.790e2	4.171e2	1.040	0.91	NO	2.8456	2.8456
5	17 PCB-16/32	26.81	26.80	2.993e3	2.889e3	1.040	1.04	NO	24.584	24.584



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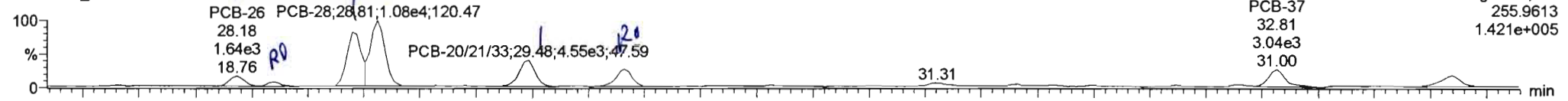
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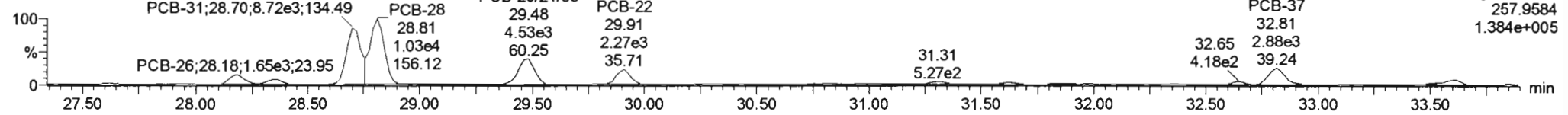
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PCB-34

200929K1_6

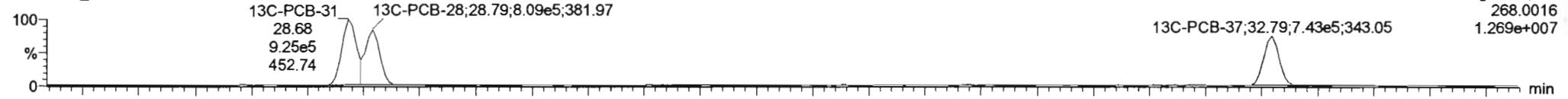


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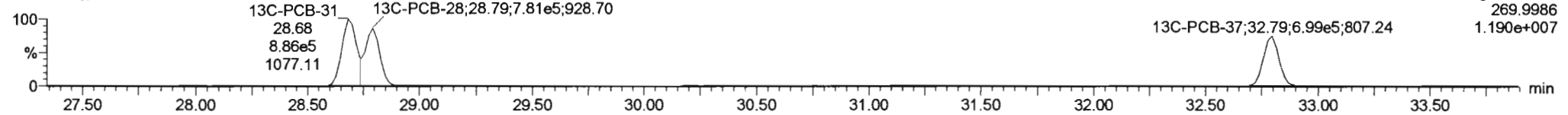


13C-PCB-28

200929K1_6

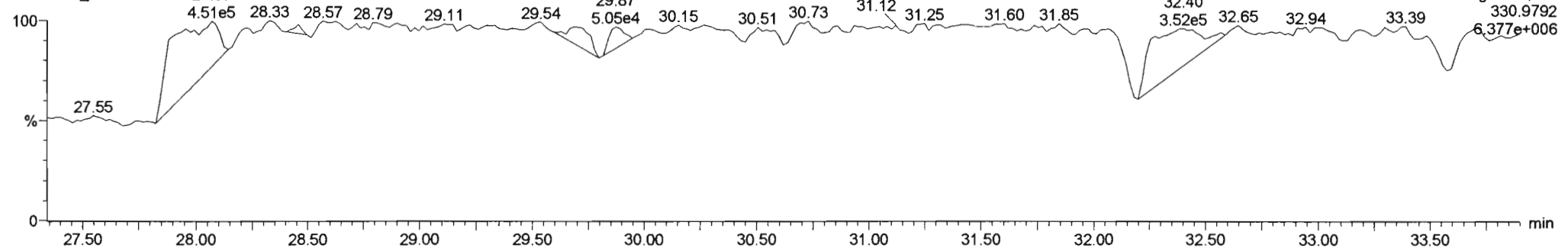


200929K1_6



PFK3d

200929K1_6

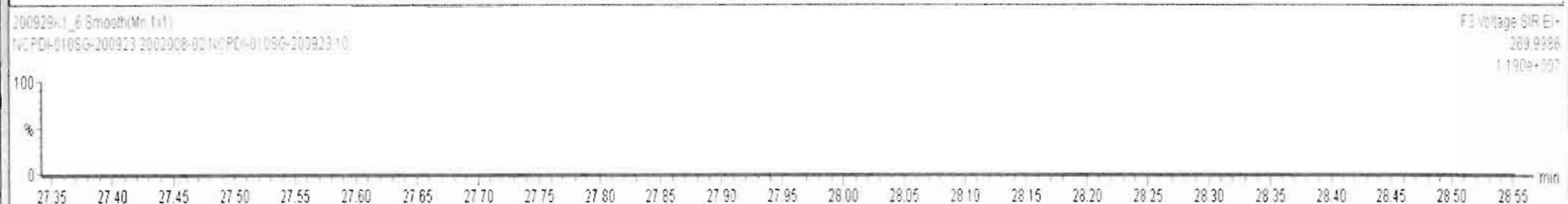
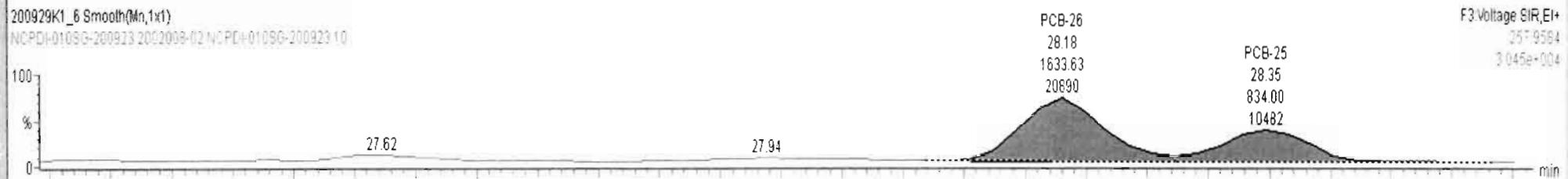
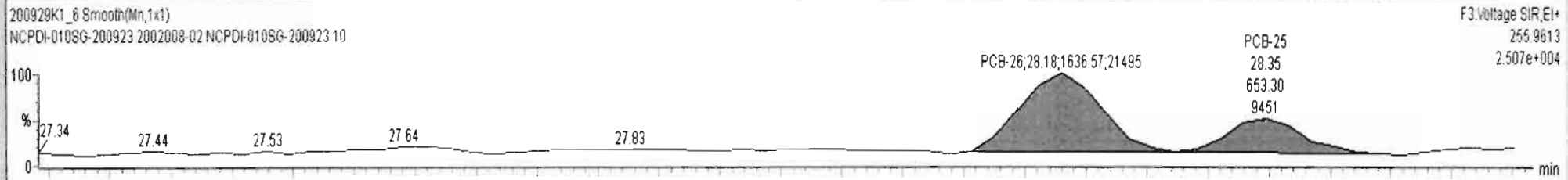




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	170.9		14.0	189.4
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	683.5		19.7	697.2
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-26	28.17	28.18	1.637e3	1.634e3	1.040	1.00	NO	10.468	10.468
2	PCB-25	28.34	28.35	6.533e2	8.340e2	1.040	0.78	YES	4.0765	0.00000

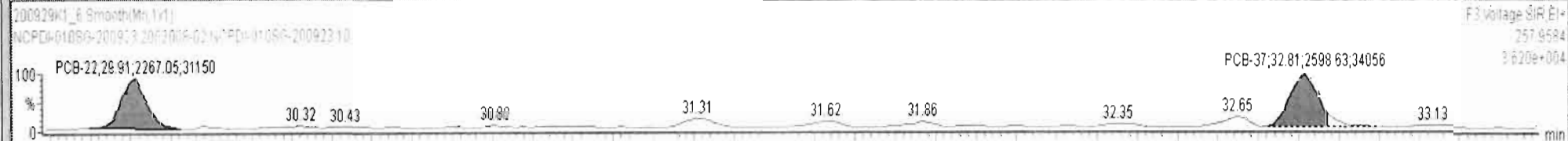




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	683.5		19.7	697.2
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1099

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	21 PCB-26	28.17	28.18	1.637e3	1.634e3	1.040	1.00	NO	10.468	10.468
2	22 PCB-25	28.34	28.35	6.533e2	8.340e2	1.040	0.78	YES	4.0765	0.00000
3	23 PCB-31	28.71	28.70	8.344e3	8.723e3	1.040	0.96	NO	49.766	49.766
4	24 PCB-28	28.81	28.81	1.076e4	1.027e4	1.040	1.05	NO	61.995	61.995
5	25 PCB-20/21/33	29.45	29.48	4.548e3	4.528e3	1.040	1.00	NO	29.135	29.135
6	26 PCB-22	29.91	29.91	3.039e3	2.267e3	1.040	1.34	YES	14.364	0.00000
7	31 PCB-37	32.81	32.81	2.654e3	2.599e3	1.040	1.02	NO	17.350	17.350



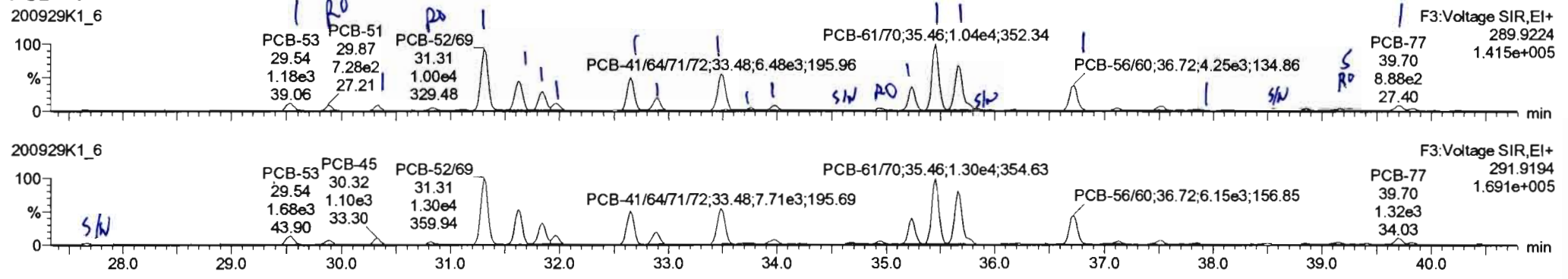
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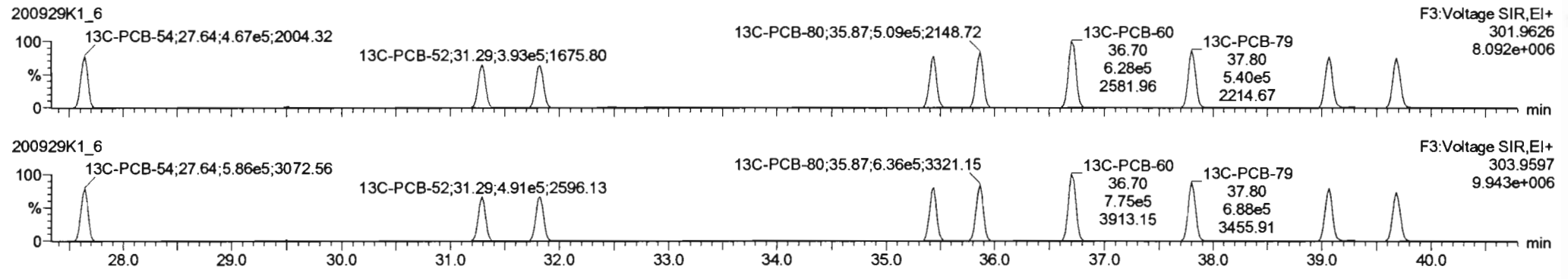
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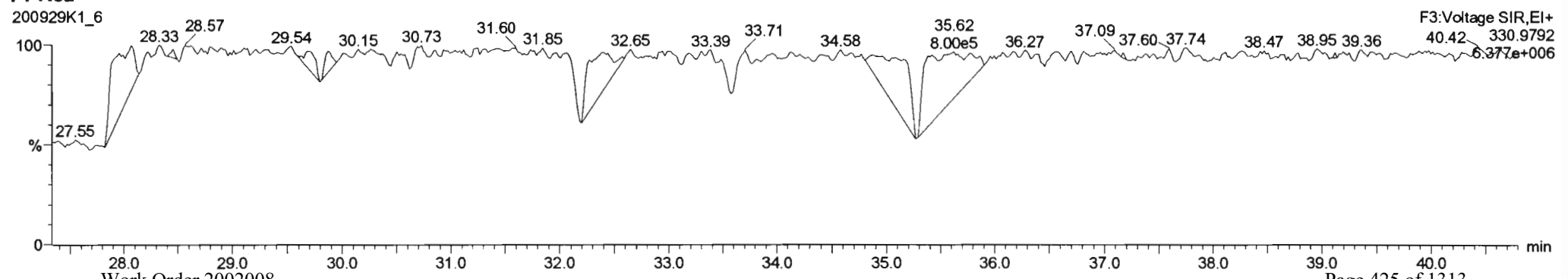
PCB-54



13C-PCB-54



PFK3a



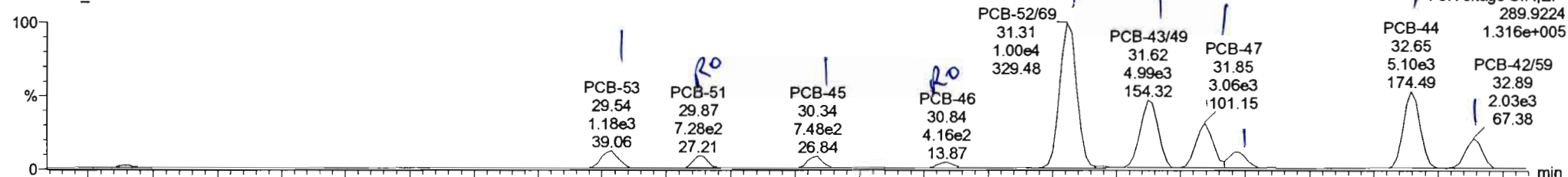
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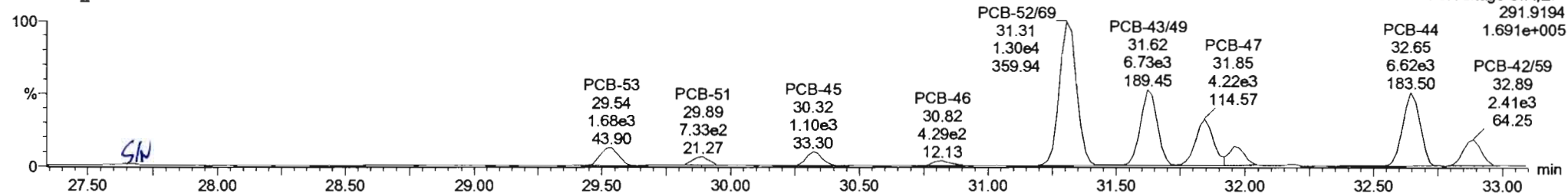
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PCB-50

200929K1_6

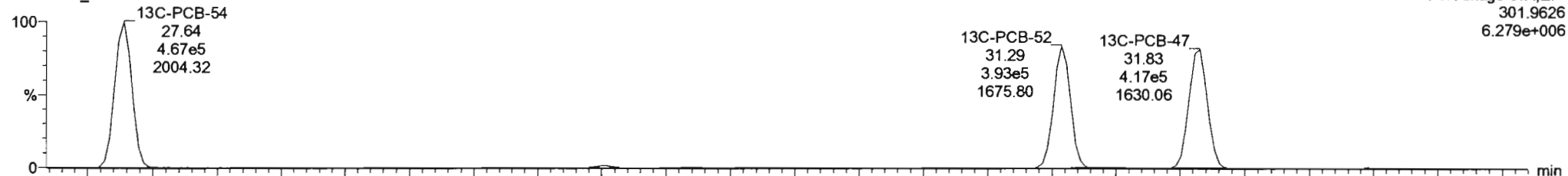


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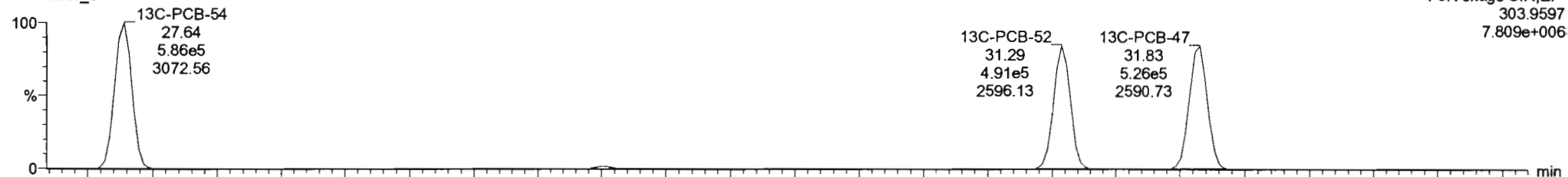


13C-PCB-52

200929K1_6



200929K1_6

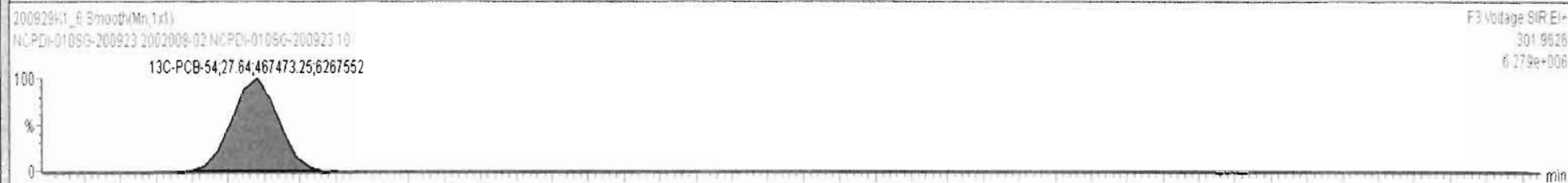
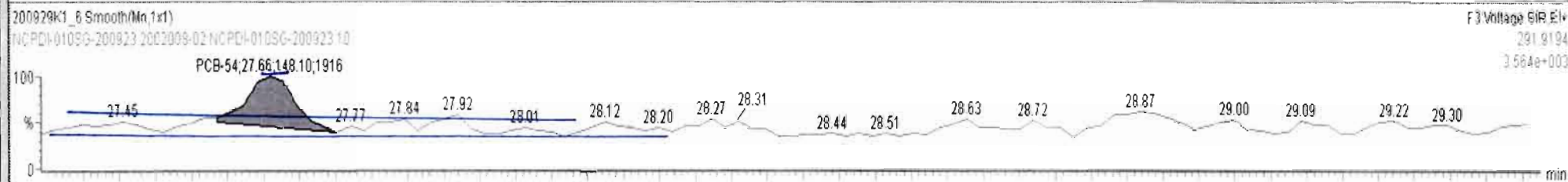
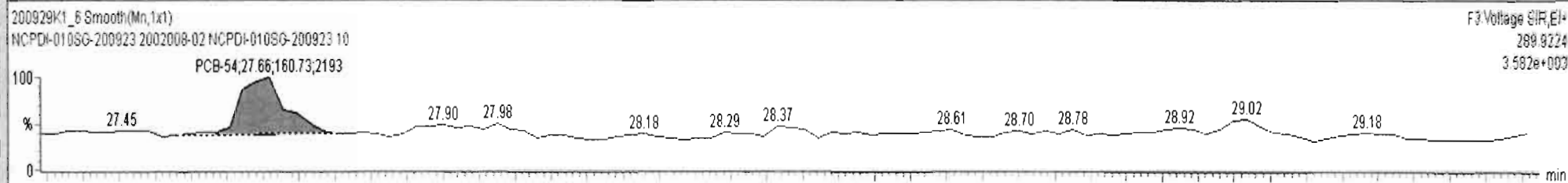




200929K1_6 - 2002008-02 NCPDI-010SG-200923.10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	683.4		19.7	698.0
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1099

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.66	27.66	1.607e2	1.481e2	0.770	1.09	YES	1.1074	0.00000
2	34 PCB-53	29.54	29.54	1.183e3	1.680e3	0.770	0.70	NO	15.608	15.608
3	35 DPA-51	29.90	29.87	6.863e2	7.117e2	0.770	0.96	YES	6.4268	0.00000

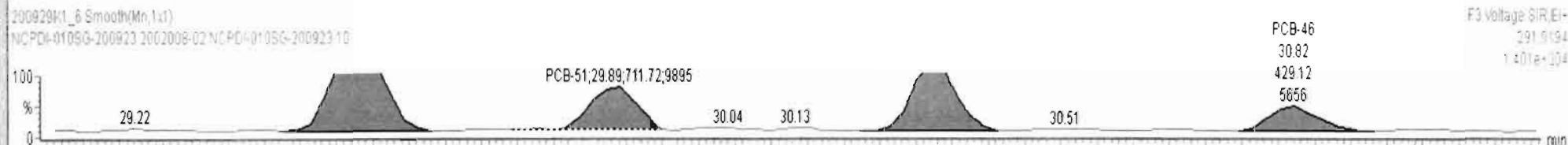




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	683.4		19.7	696.9
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	34 PCB-53	29.54	29.54	1.183e3	1.680e3	0.770	0.70	NO	15.608	15.608
2	35 PCB-51	29.90	29.87	6.863e2	7.117e2	0.770	0.96	YES	6.4268	0.00000
3	36 PCB-45	30.34	30.34	7.306e2	1.104e3	0.770	0.66	NO	11.617	11.617
4	37 PCB-46	30.85	30.84	4.073e2	4.291e2	0.770	0.95	YES	4.9686	0.00000
5	38 PCB-5269	31.33	31.31	1.001e4	1.304e4	0.770	0.77	NO	107.35	107.35
6	40 PCB-4349	31.61	31.62	4.995e3	6.733e3	0.770	0.74	NO	62.722	62.722
7	41 PCB-47	31.85	31.85	3.063e3	4.215e3	0.770	0.73	NO	40.259	40.259



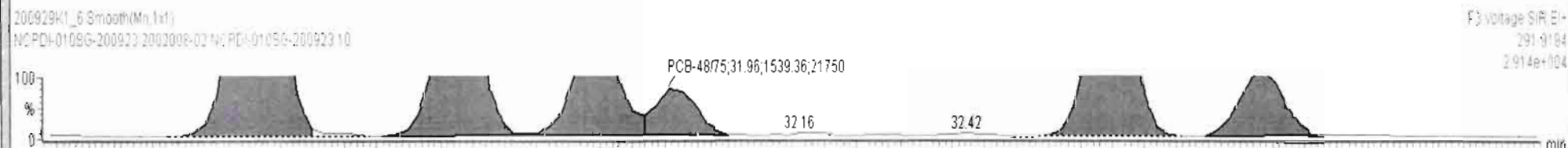
29.10 29.20 29.30 29.40 29.50 29.60 29.70 29.80 29.90 30.00 30.10 30.20 30.30 30.40 30.50 30.60 30.70 30.80 30.90 31.00 min



200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	682.5		19.7	696.0
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
5	38 PCB-5269	31.33	31.31	9.975e3	1.290e4	0.770	0.77	NO	106.58	106.58
6	40 PCB-43/49	31.61	31.62	5.005e3	6.733e3	0.770	0.74	NO	62.778	62.778
7	41 PCB-47	31.85	31.85	3.063e3	4.215e3	0.770	0.73	NO	40.259	40.259
8	42 PCB-48/75	31.96	31.96	1.104e3	1.539e3	0.770	0.72	NO	12.033	12.033
9	45 PCB-44	32.69	32.65	5.101e3	6.610e3	0.770	0.77	NO	72.458	72.458
10	46 PCB-42/59	32.89	32.89	2.017e3	2.408e3	0.770	0.84	NO	21.495	21.495
11	47 PCB-41/64/71/72	33.52	33.48	6.482e3	7.712e3	0.770	0.84	NO	60.959	60.959
12	48 PCB-68	33.70	33.76	2.846e3	3.709e3	0.770	0.94	YES	21.308	0.000000

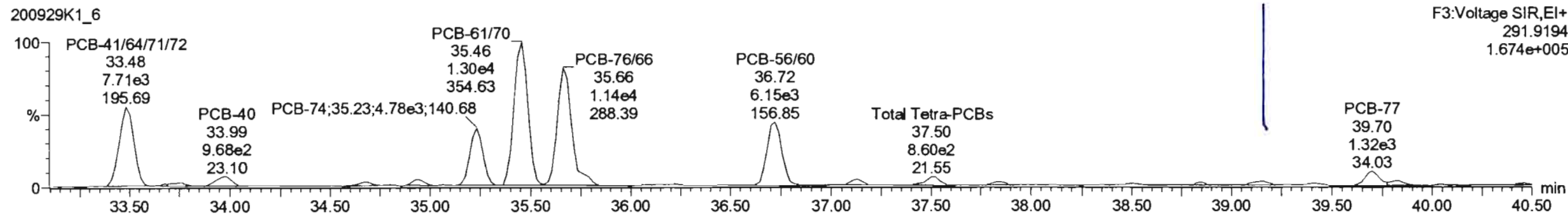
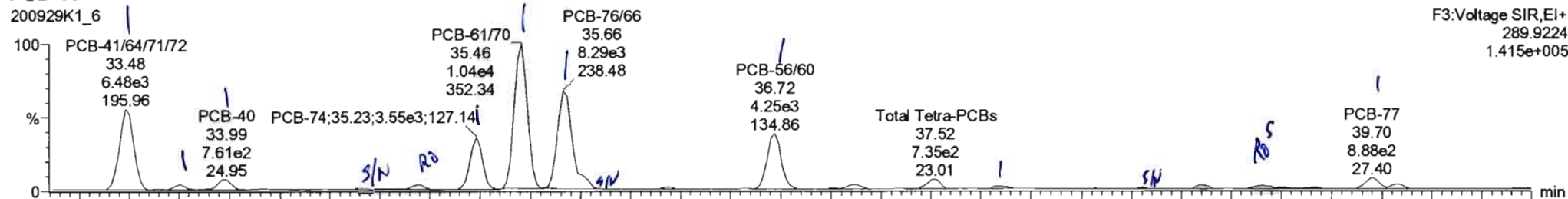


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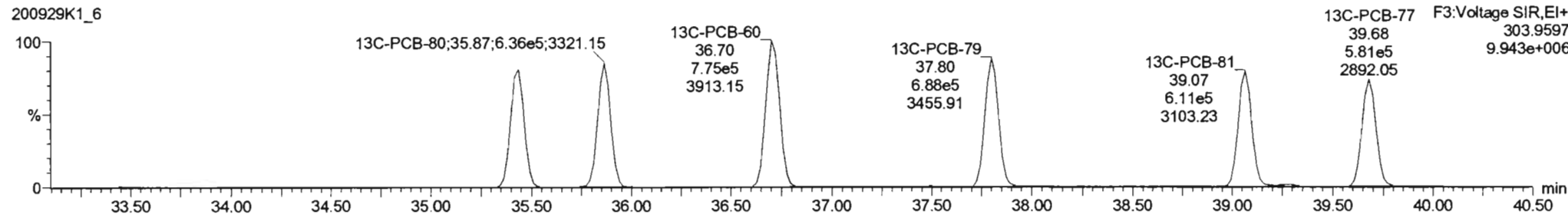
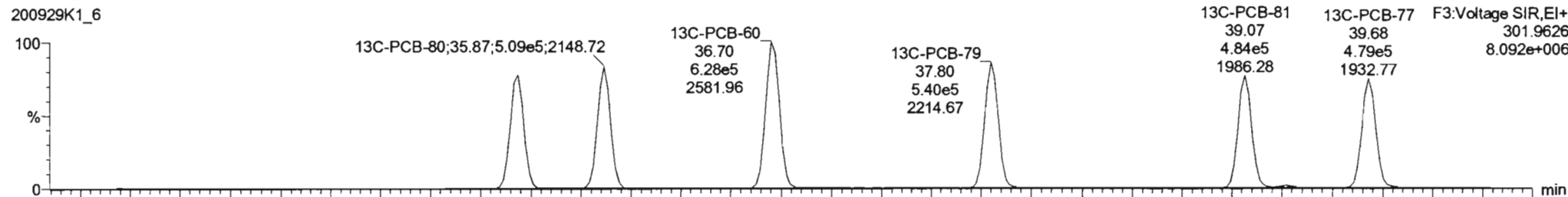
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Name: 200929K1_6, Date: 29-Sep-2020, Time: 19:54:04, ID: 2002008-02 NCPDI-010SG-200923 10, Description: NCPDI-010SG-200923

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13C-PCB-60

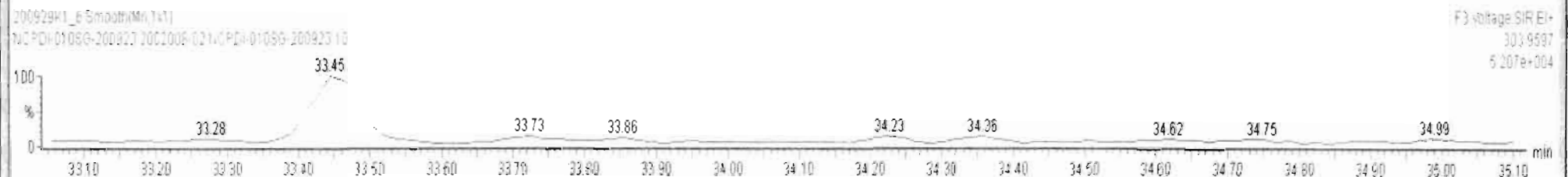
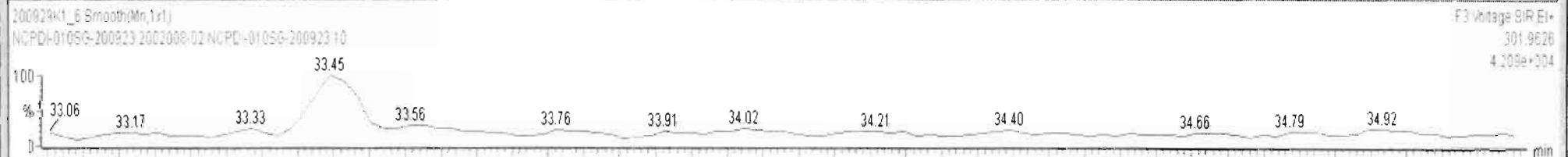
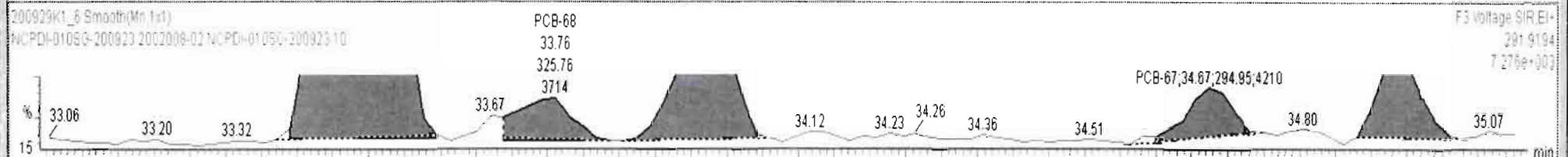
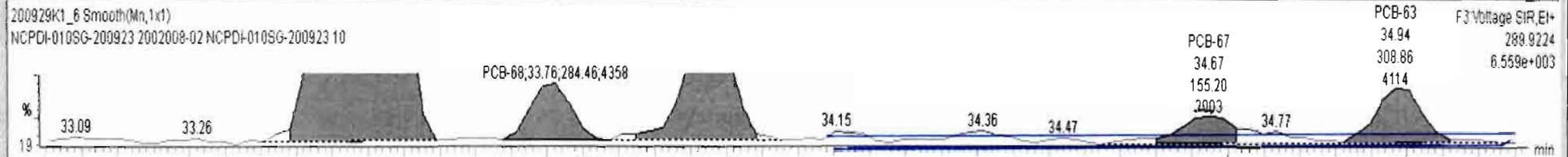




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	678.9		19.7	694.7
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
10	PCB-42/59	32.89	32.89	2.017e3	2.408e3	0.770	0.84	NO	21.495	21.495
11	PCB-41/64/71/72	33.52	33.48	6.465e3	7.717e3	0.770	0.84	NO	60.906	60.906
12	PCB-68	33.79	33.76	2.845e2	3.258e2	0.770	0.87	NO	2.4352	2.4352
13	PCB-40	34.01	33.99	7.385e2	9.613e2	0.770	0.77	NO	14.397	14.397
14	PCB-67	34.65	34.67	1.552e2	2.949e2	0.770	0.53	YES	1.4412	0.00000
15	PCB-63	34.94	34.94	3.089e2	4.802e2	0.770	0.64	YES	2.9009	0.00000

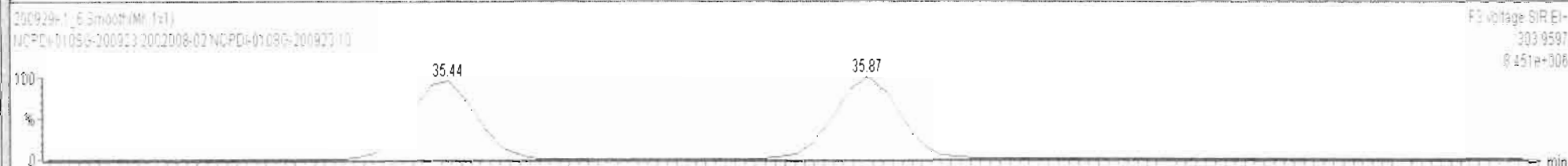
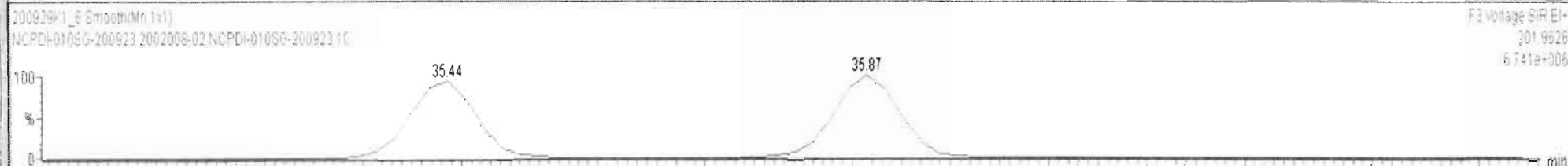
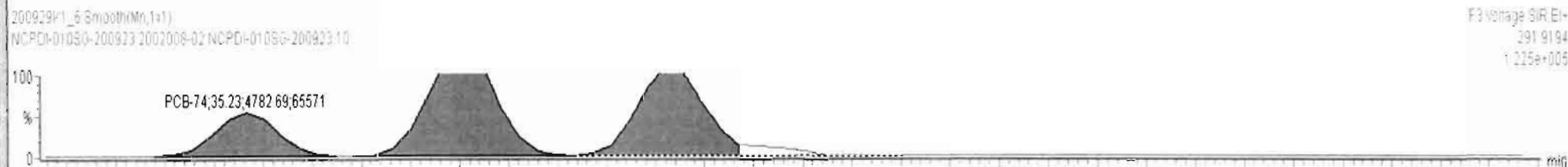
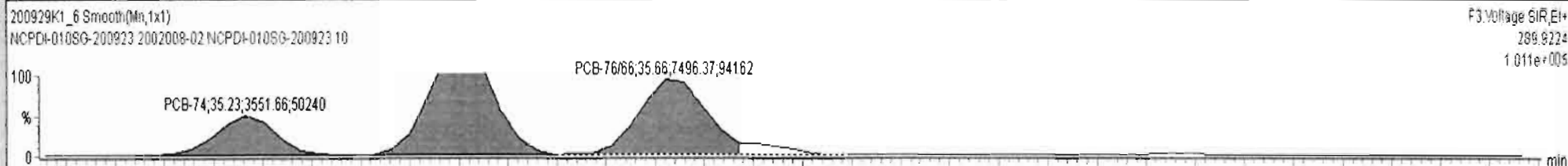




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.081	0.00		0.000		NO	168.7		14.0	187.2
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	672.5		19.7	686.8
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
14	PCB-63	34.94	34.94	3.089e2	4.802e2	0.770	0.64	YES	2.9009	0.00000
15	PCB-74	35.24	35.23	3.552e3	4.783e3	0.770	0.74	NO	30.801	30.801
16	PCB-61/70	35.45	35.46	1.038e4	1.296e4	0.770	0.80	NO	96.963	96.963
17	PCB-76/66	35.65	35.66	7.496e3	1.043e4	0.770	0.72	NO	67.423	67.423

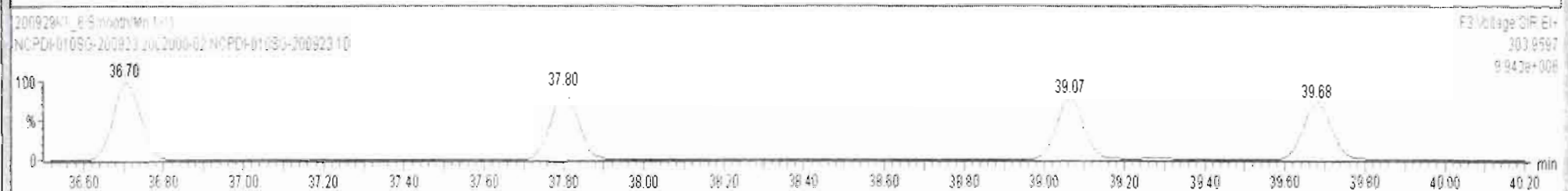
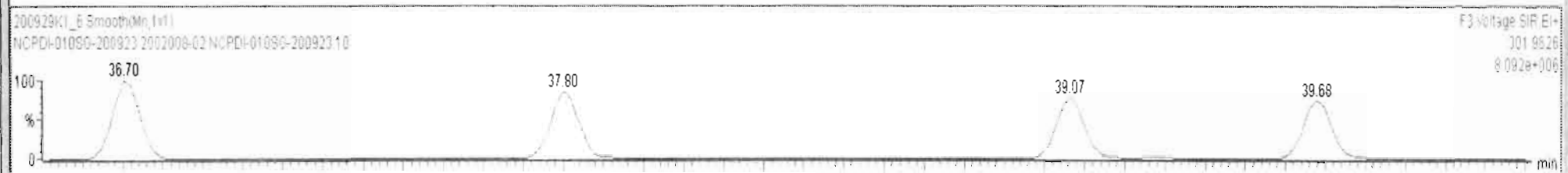
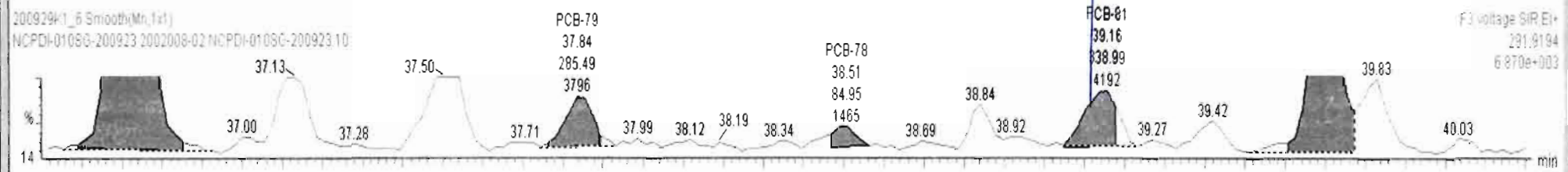
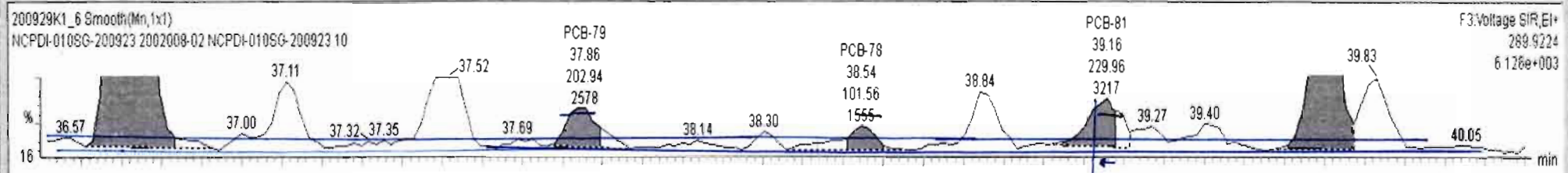


35.10 35.20 35.30 35.40 35.50 35.60 35.70 35.80 35.90 36.00 36.10 36.20 36.30 36.40 36.50 min

200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

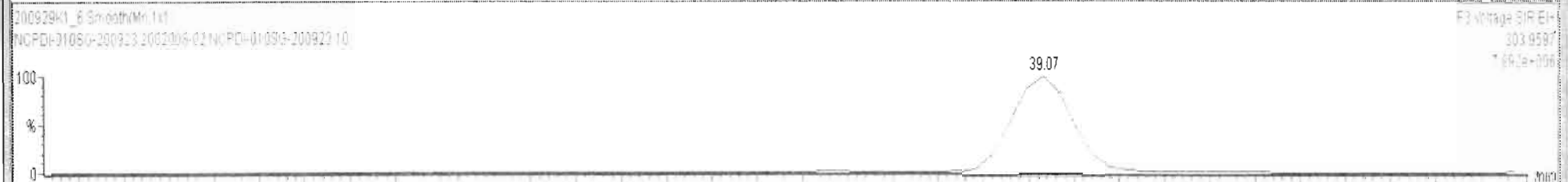
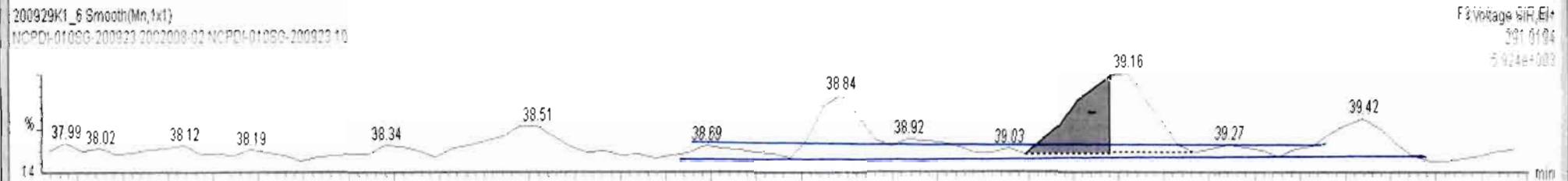
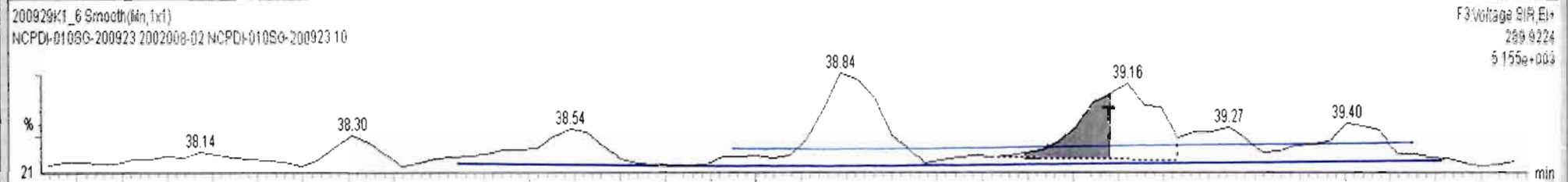
#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	686.0
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1066		26.7	1089
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
18	59 PCB-5660	36.72	36.72	4.223e3	6.100e3	0.770	0.69	NO	42.553	42.553
19	60 PCB-79	37.82	37.86	2.029e2	2.855e2	0.770	0.71	NO	1.8003	1.8003
20	61 PCB-78	38.54	38.54	1.016e2	8.495e1	0.770	1.20	YES	0.58046	0.00000
21	62 PCB-81	39.08	39.16	2.300e2	3.390e2	0.770	0.68	NO	2.3853	2.3853
22	63 PCB-77	39.70	39.70	8.773e2	1.280e3	0.770	0.69	NO	8.5970	8.5970



Name	Resp	RA	n/y	RFF	wt/vol	RT	RRT	Conc.	%Rec	DL	EMPC
228 Total Tetra-PCBs				1.0778	2.081			669		19.7	684
229 3rd Function Penta-PCBs				1.3157	2.081			1080		26.2	1080
230 4th Function Penta-PCBs				1.0735	2.081			297		4.63	54.4

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1 PCB-53	29.54	1.183e3	1.680e3	0.70	NO	15.608	15.608
2 PCB-51	29.87	6.863e2	7.117e2	0.96	YES	6.4268	0.00000



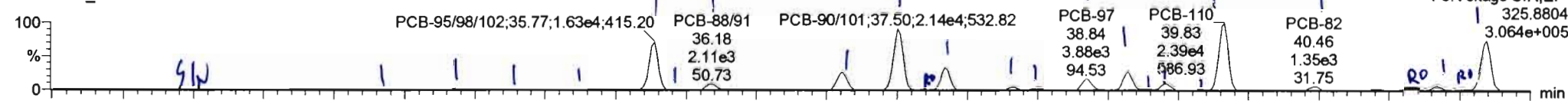
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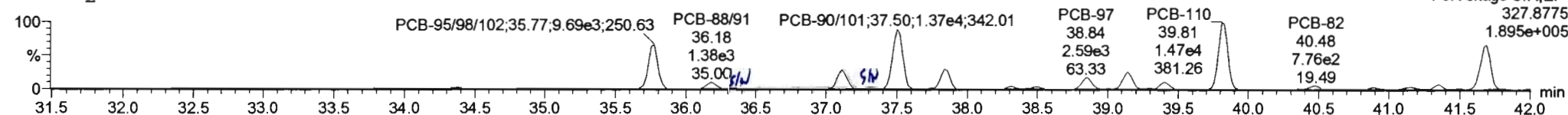
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PCB-104

200929K1_6

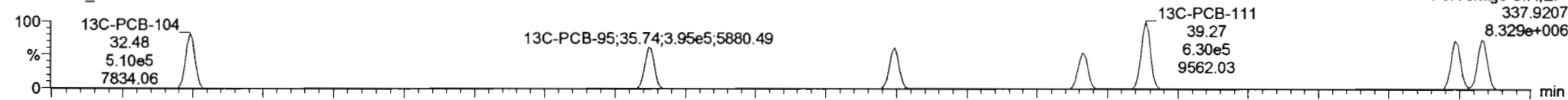


200929K1_6

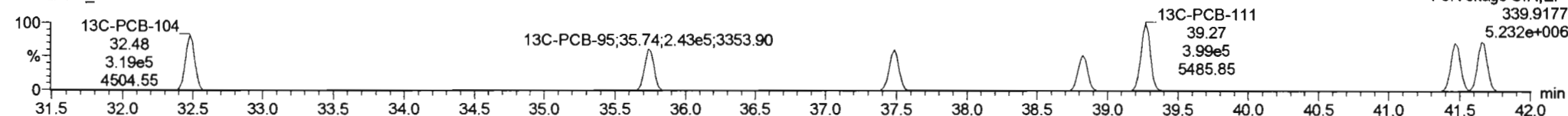


13C-PCB-104

200929K1_6

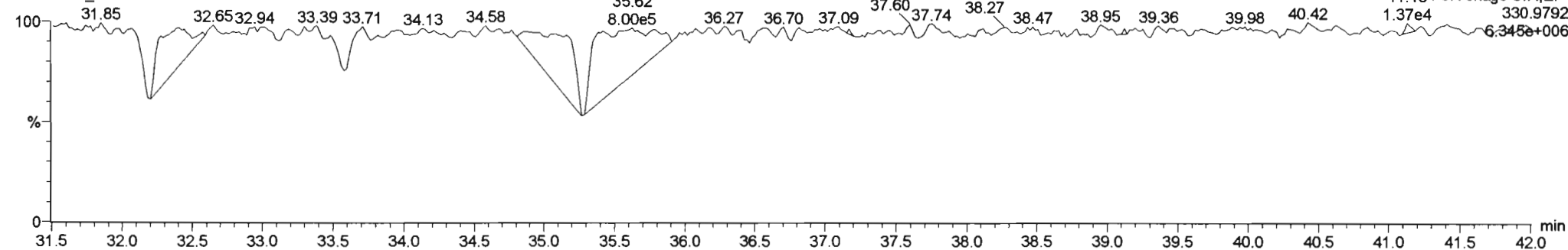


200929K1_6



PFK3b

200929K1_6



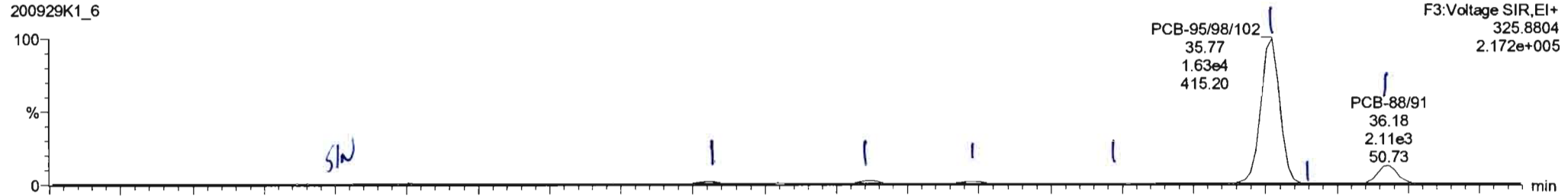
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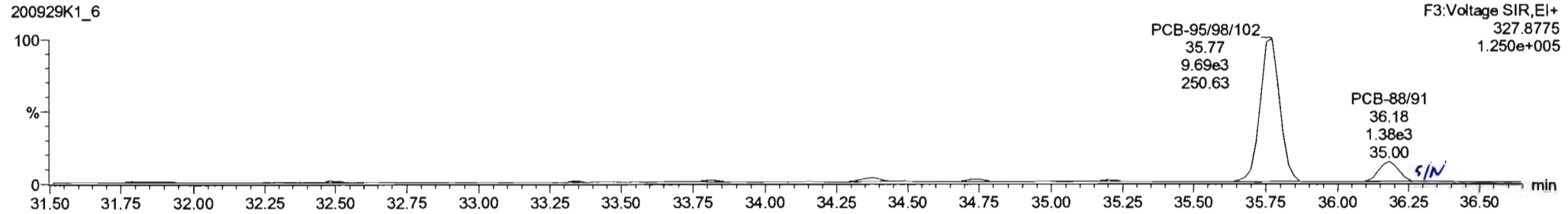
PCB-96

200929K1_6



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2.172e+005

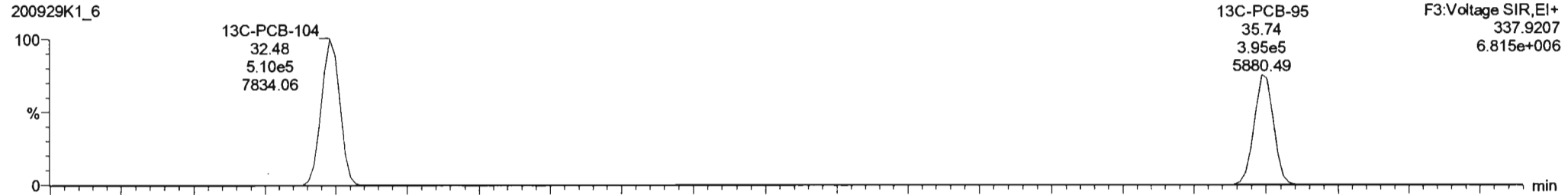
200929K1_6



F3:Voltage SIR,EI+
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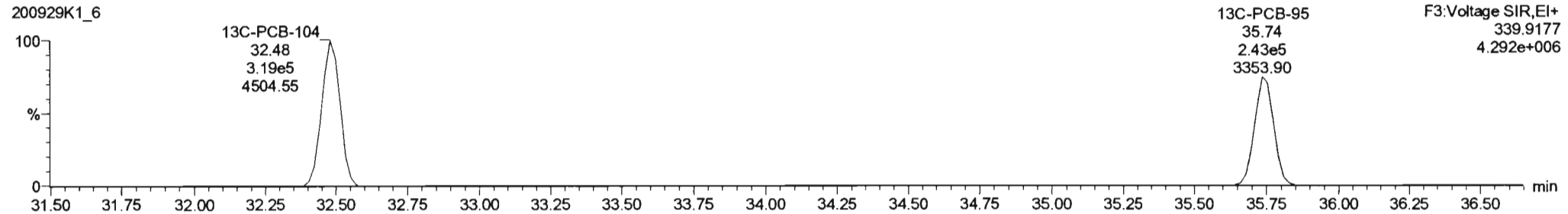
13C-PCB-95

200929K1_6



F3:Voltage SIR,EI+
337.9207
6.815e+006

200929K1_6



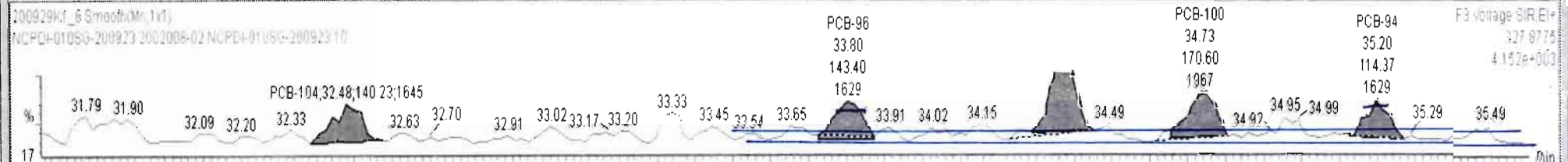
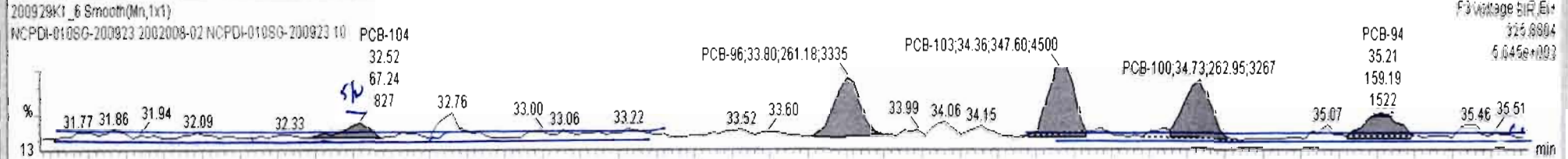
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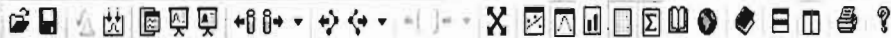


200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	,671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1072		26.7	1090
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.50	32.52	6.724e1	1.402e2	1.560	0.48	YES	0.56995	0.00000
2	65 PCB-96	33.82	33.80	2.612e2	1.434e2	1.560	1.82	YES	1.8440	0.00000
3	66 PCB-103	34.38	34.36	3.476e2	2.515e2	1.560	1.36	NO	3.7082	3.7082
4	67 PCB-100	34.74	34.73	2.629e2	1.706e2	1.560	1.54	NO	2.6352	2.6352
5	68 PCB-94	35.21	35.21	1.592e2	1.144e2	1.560	1.39	NO	2.1699	2.1699

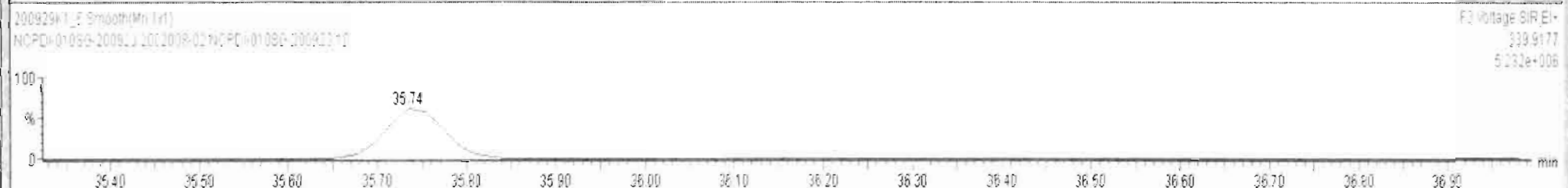
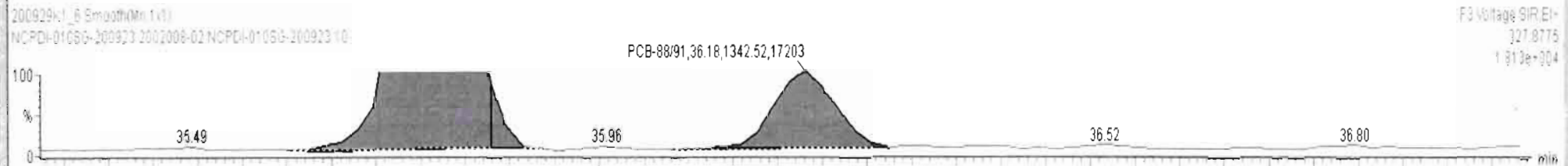
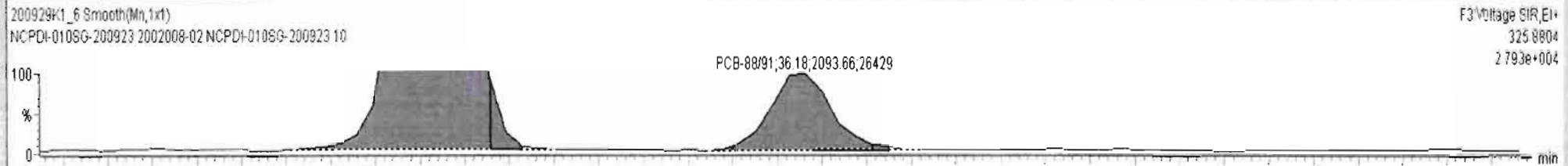




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	226 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1022		26.7	1040
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
5	69 PCB-95/98/102	35.68	35.77	1.587e4	9.470e3	1.560	1.68	NO	158.38	158.38
6	70 PCB-93	35.82	35.83	3.331e2	2.253e2	1.560	1.48	NO	4.4952	4.4952
7	71 PCB-88/91	36.16	36.18	2.094e3	1.343e3	1.560	1.56	NO	24.288	24.288
8	72 PCB-121	36.26	36.26	2.469e1	9.743e0	1.560	2.53	YES	0.10961	0.00000



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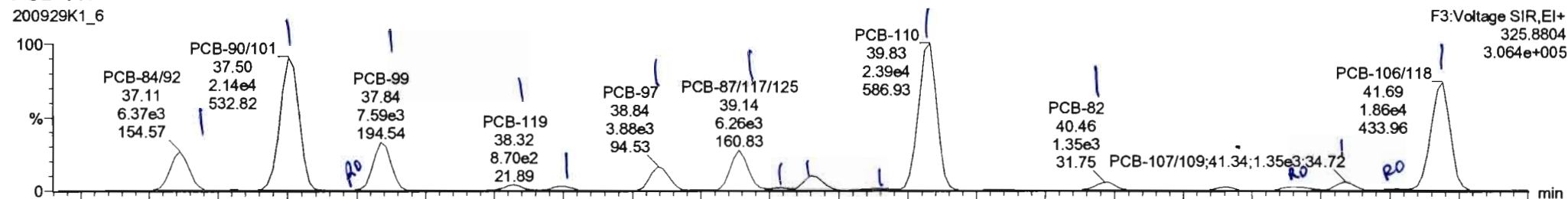
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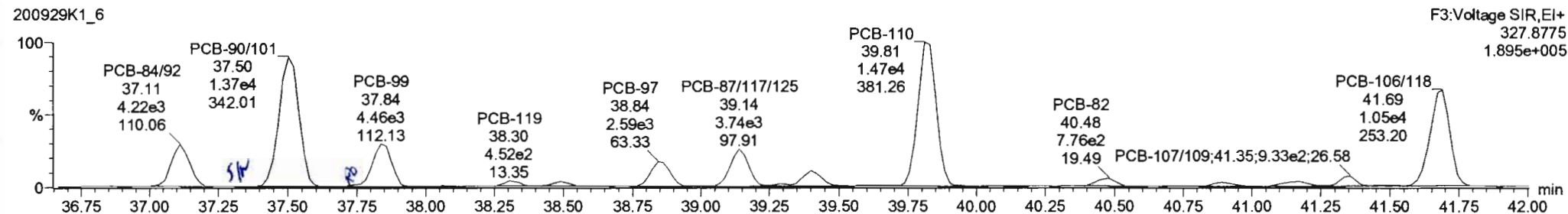
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PCB-119

200929K1_6

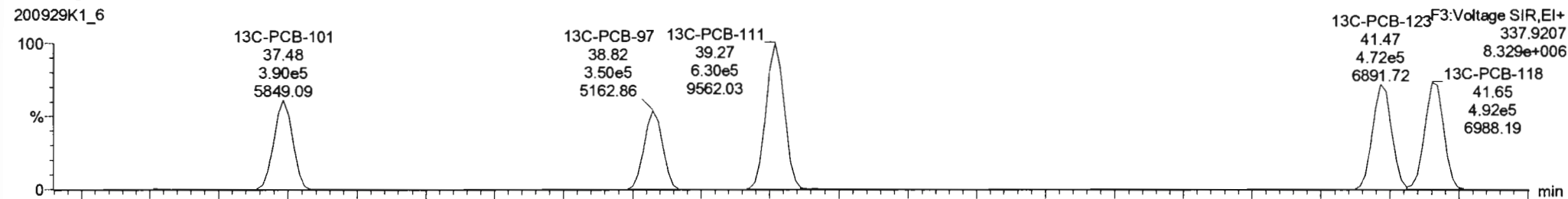


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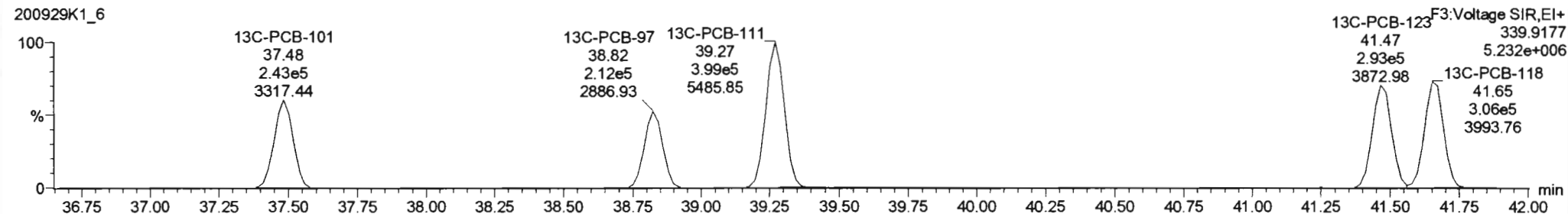


13C-PCB-111

200929K1_6



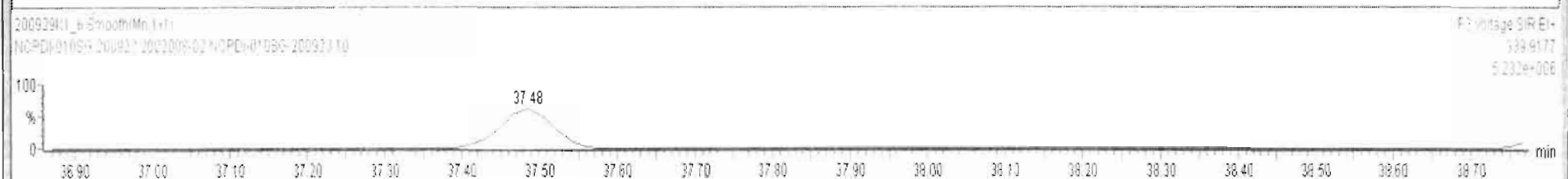
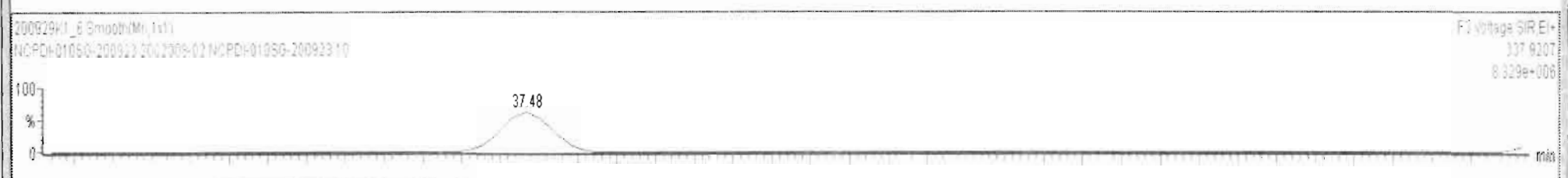
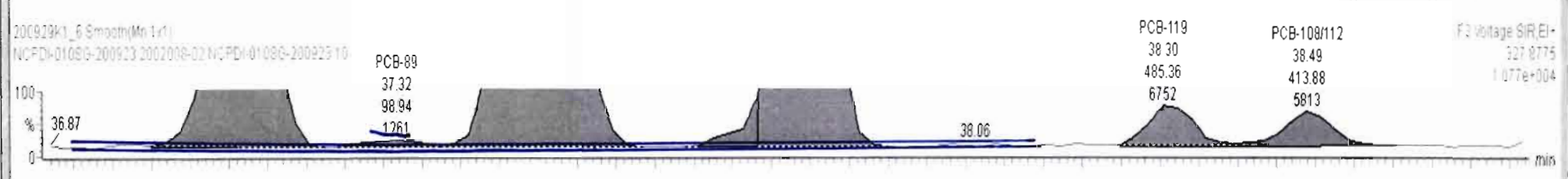
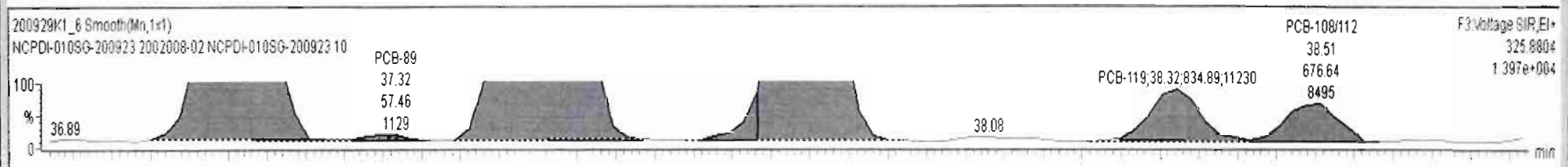
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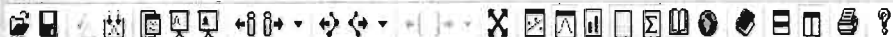


200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1033		26.7	1047
230	4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
8	73 PCB-84/92	37.11	37.11	6.359e3	4.255e3	1.560	1.49	NO	79.145	79.145
9	74 PCB-89	37.29	37.32	5.746e1	9.894e1	1.560	0.58	YES	0.64755	0.00000
10	75 PCB-90/101	37.50	37.50	2.142e4	1.374e4	1.560	1.56	NO	237.67	237.67
11	76 PCB-113	37.75	37.78	2.277e2	2.119e2	1.560	1.07	YES	1.8726	0.00000
12	77 PCB-99	37.83	37.84	7.370e3	4.242e3	1.560	1.74	NO	66.755	66.755
13	78 PCB-119	38.32	38.32	8.349e2	4.854e2	1.560	1.72	NO	6.2553	6.2553
14	79 PCB-108/112	38.48	38.51	6.766e2	4.139e2	1.560	1.63	NO	6.4551	6.4551

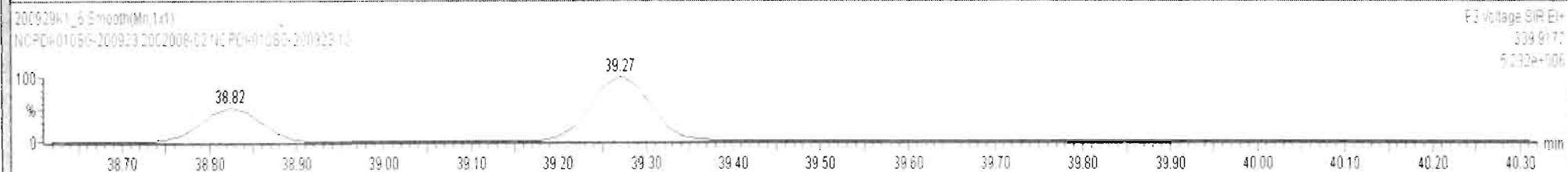
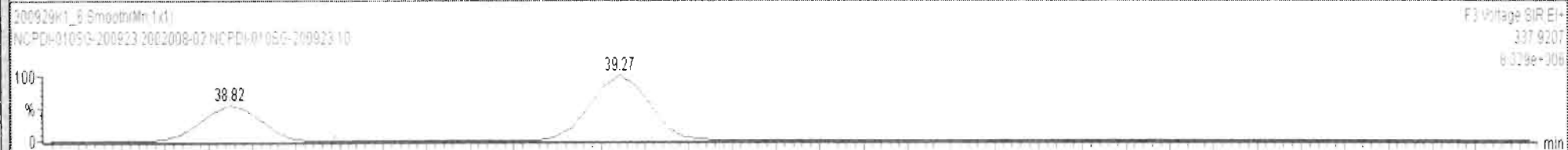
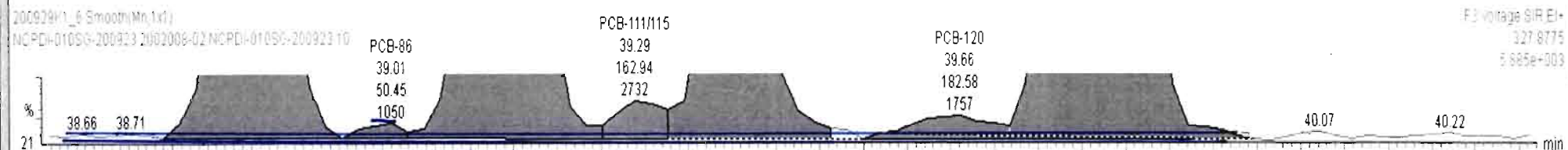
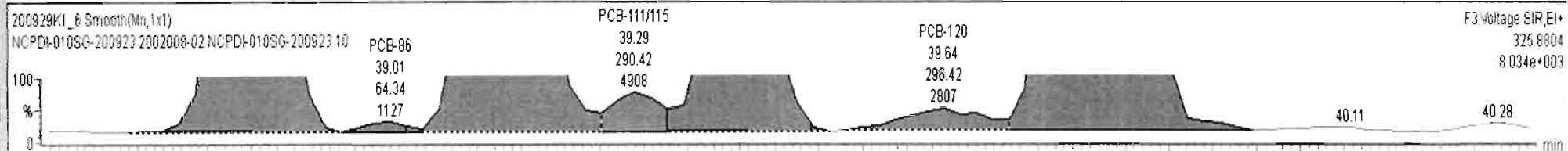


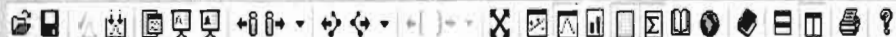


200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	226 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1078		26.2	1090
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
14	81 PCB-97	38.84	38.84	3.872e3	2.586e3	1.560	1.50	NO	43.086	43.086
15	82 PCB-86	38.98	39.01	6.434e1	5.045e1	1.560	1.28	YES	0.80832	0.00000
16	83 PCB-87/117/125	39.13	39.14	6.274e3	3.736e3	1.560	1.68	NO	54.923	54.923
17	84 PCB-111/115	39.29	39.29	2.904e2	1.629e2	1.560	1.78	NO	2.0297	2.0297
18	85 PCB-85/116	39.42	39.40	2.334e3	1.558e3	1.560	1.50	NO	23.596	23.596
19	86 PCB-120	39.67	39.64	2.964e2	1.826e2	1.560	1.62	NO	2.0433	2.0433
20	87 PCB-110	39.83	39.83	2.387e4	1.469e4	1.560	1.62	NO	189.23	189.23





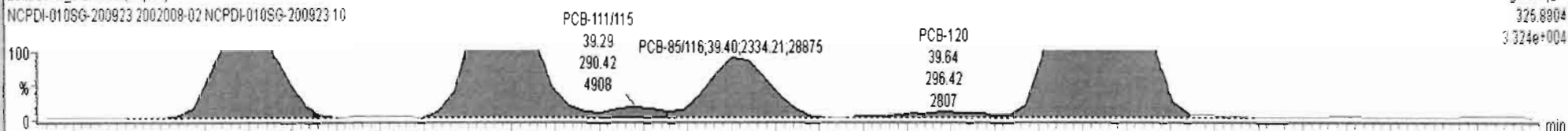
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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1078		26.2	1088
230	4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
14	PCB-97	38.84	38.84	3.672e3	2.586e3	1.560	1.50	NO	43.086	43.086
15	PCB-87/117/125	39.13	39.14	6.265e3	3.723e3	1.560	1.68	NO	54.802	54.802
16	PCB-111/115	39.29	39.29	2.904e2	1.629e2	1.560	1.78	NO	2.0297	2.0297
17	PCB-85/116	39.42	39.40	2.334e3	1.558e3	1.560	1.50	NO	23.596	23.596
18	PCB-120	39.67	39.64	2.964e2	1.826e2	1.560	1.62	NO	2.0433	2.0433
19	PCB-110	39.83	39.83	2.378e4	1.465e4	1.560	1.62	NO	188.61	188.61

200929K1_6 Smooth(Mn,1x1)

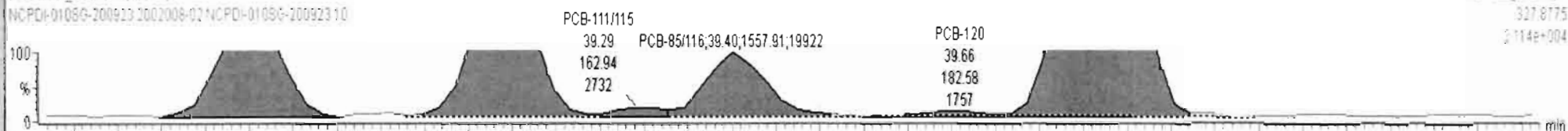
NCPDI-010SG-200923 2002008-02 NCPDI-010SG-200923 10



F3 Voltage SIR.EI+
325.8904
3.324e+004

200929K1_6 Smooth(Mn,1x1)

NCPDI-010SG-200923 2002008-02 NCPDI-010SG-200923 10



F3 Voltage SIR.EI+
327.8175
3.114e+004

200929K1_6 Smooth(Mn,1x1)

NCPDI-010SG-200923 2002008-02 NCPDI-010SG-200923 10



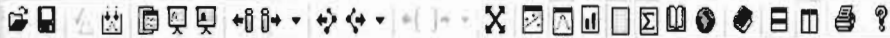
F3 Voltage SIR.EI+
337.9207
3.329e+006

200929K1_6 Smooth(Mn,1x1)

NCPDI-010SG-200923 2002008-02 NCPDI-010SG-200923 10



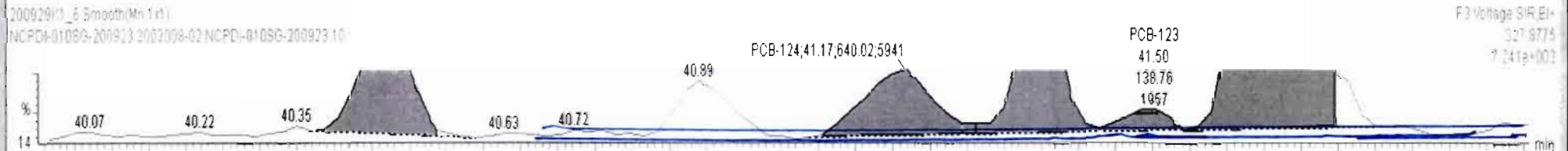
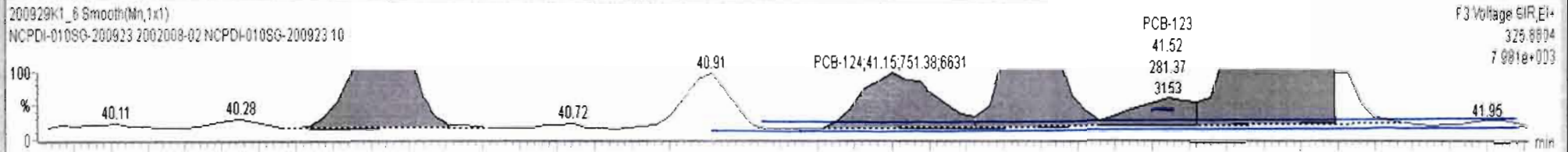
F3 Voltage SIR.EI+
339.9177
3.232e+006



200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wf/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1074		26.2	1085
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

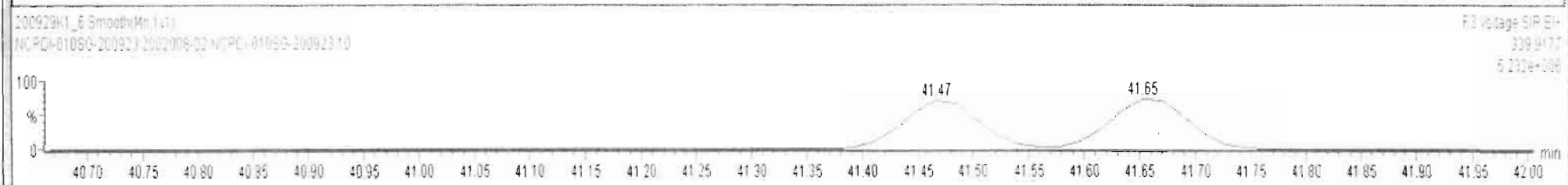
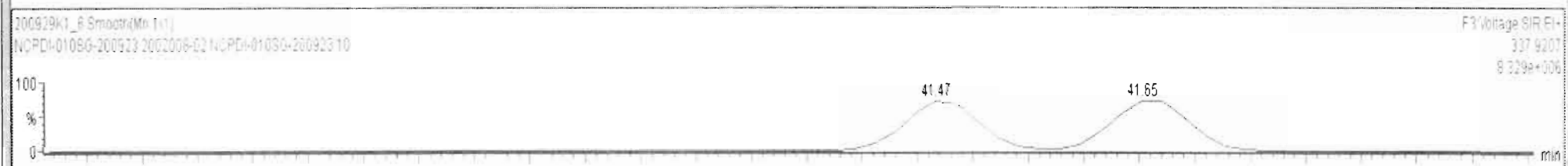
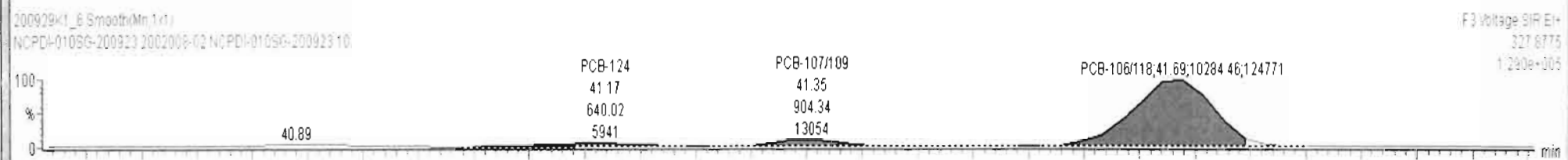
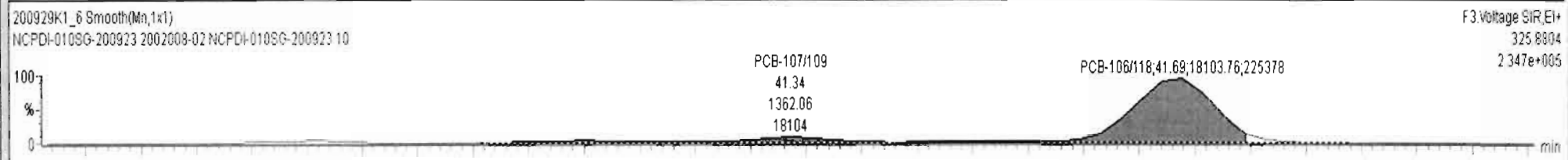
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.82	33.80	2.612e2	1.434e2	1.560	1.82	YES	1.8440	0.00000
2	66 PCB-103	34.38	34.36	3.476e2	2.515e2	1.560	1.38	NO	3.7082	3.7082
3	67 PCB-100	34.74	34.73	2.629e2	1.706e2	1.560	1.54	NO	2.6352	2.6352
4	68 PCB-94	35.21	35.21	1.592e2	1.144e2	1.560	1.39	NO	2.1699	2.1699
5	69 PCB-95/98/102	35.68	35.77	1.587e4	9.470e3	1.560	1.68	NO	158.38	158.38
6	70 PCB-93	35.82	35.83	3.331e2	2.253e2	1.560	1.48	NO	4.4952	4.4952



200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1074		26.2	1085
230	4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.685		4.63	53.34

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
19	PCB-110	39.83	39.83	2.378e4	1.465e4	1.560	1.62	NO	188.61	188.61
20	PCB-82	40.47	40.46	1.333e3	7.590e2	1.560	1.76	NO	16.817	16.817
21	PCB-124	41.17	41.15	7.514e2	6.400e2	1.560	1.17	YES	5.5427	0.00000
22	PCB-107/109	41.32	41.34	1.362e3	9.043e2	1.560	1.51	NO	10.606	10.606
23	PCB-123	41.49	41.52	2.814e2	1.388e2	1.560	2.03	YES	1.8621	0.00000
24	PCB-106/118	41.69	41.69	1.810e4	1.028e4	1.560	1.76	NO	140.08	140.08

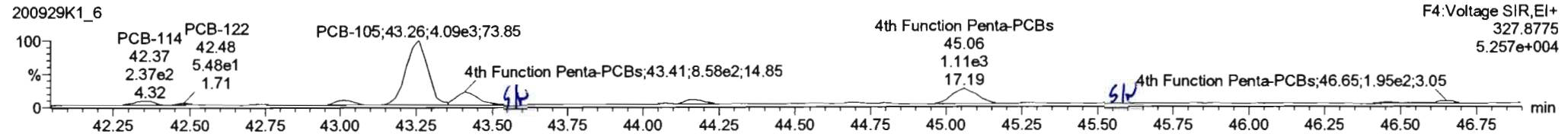
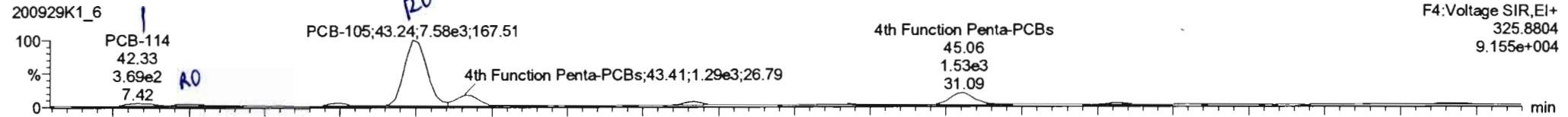


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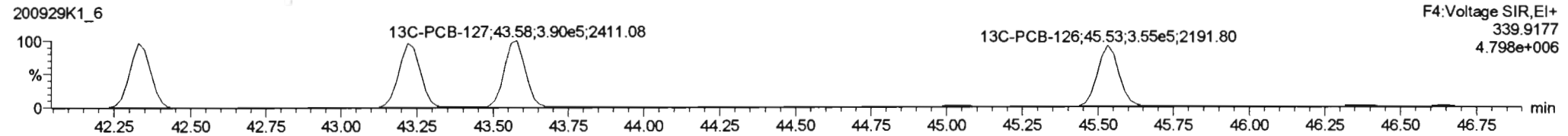
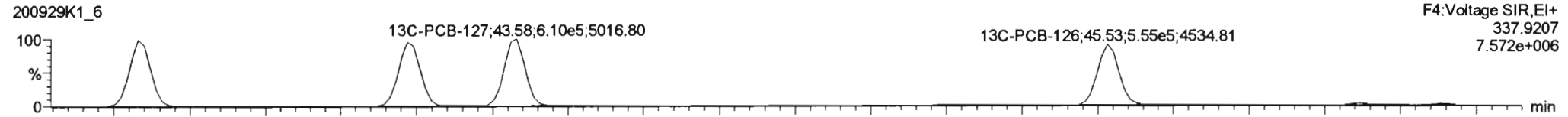
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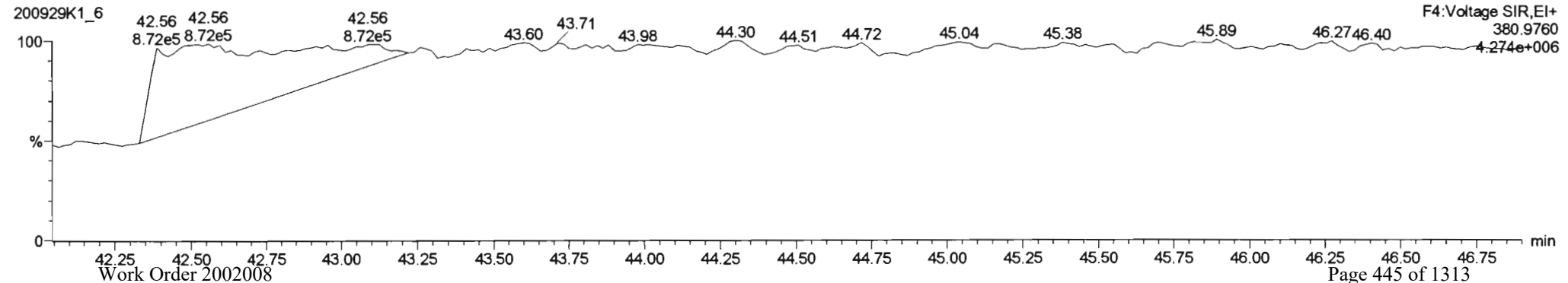
PCB-114

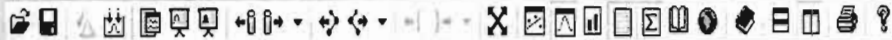


13C-PCB-114



PFK4a

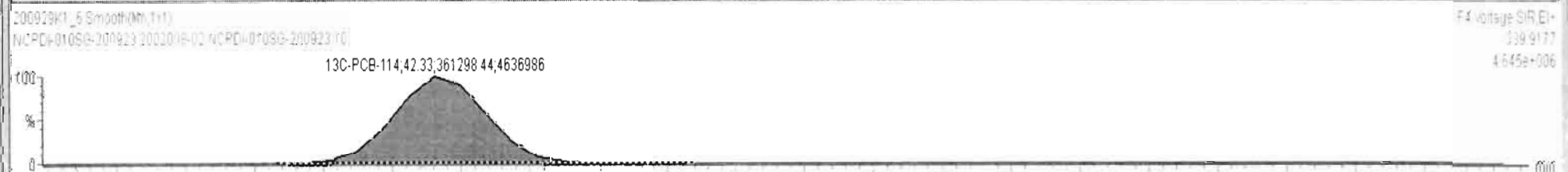
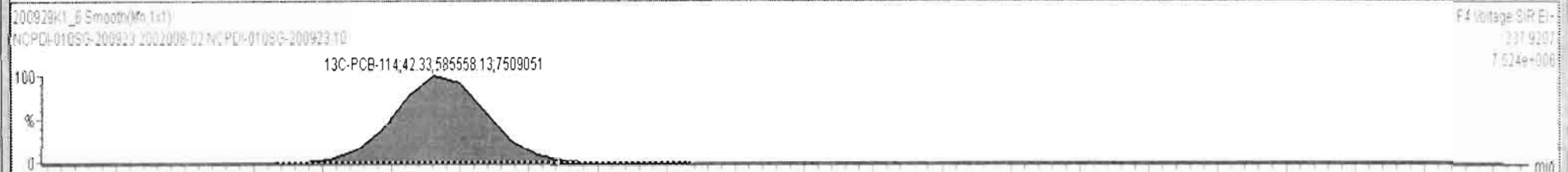
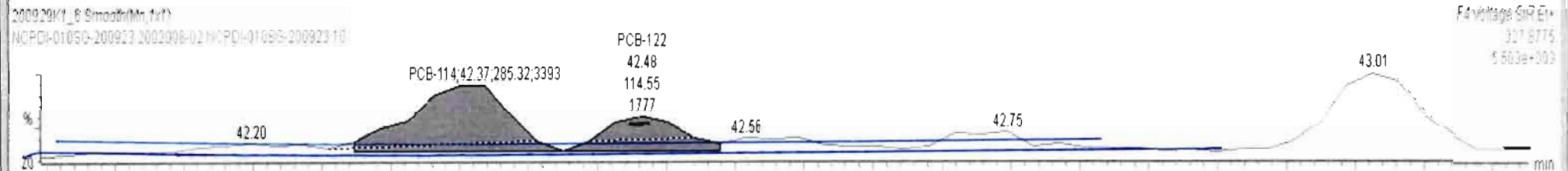
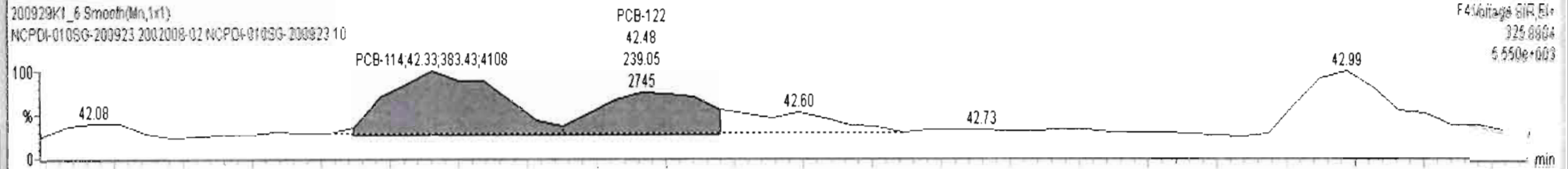




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1074		26.2	1085
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.974		4.63	54.45

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.33	3.834e2	2.853e2	1.560	1.34	NO	2.9739	2.9739
2	94 PCB-122	42.50	42.48	2.391e2	1.146e2	1.560	2.09	YES	1.5760	0.00000
3	95 PCB-105	43.24	43.24	7.584e3	4.092e3	1.550	1.85	YES	49.903	0.00000

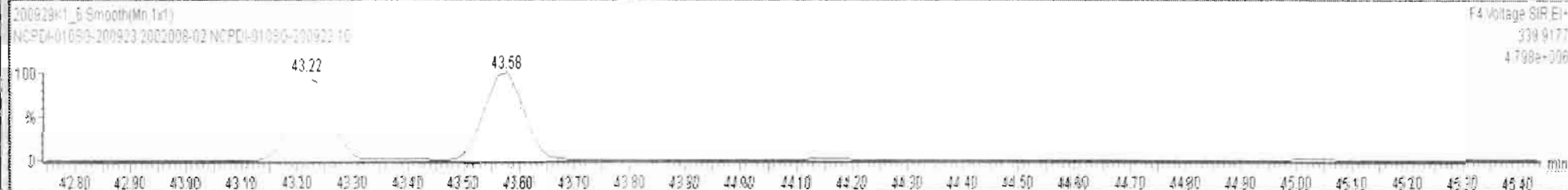
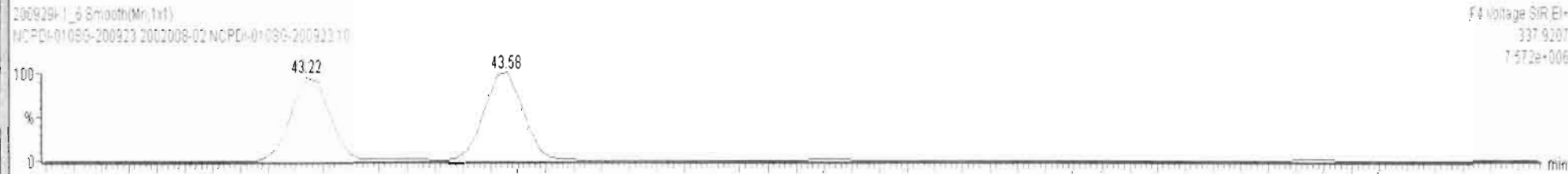
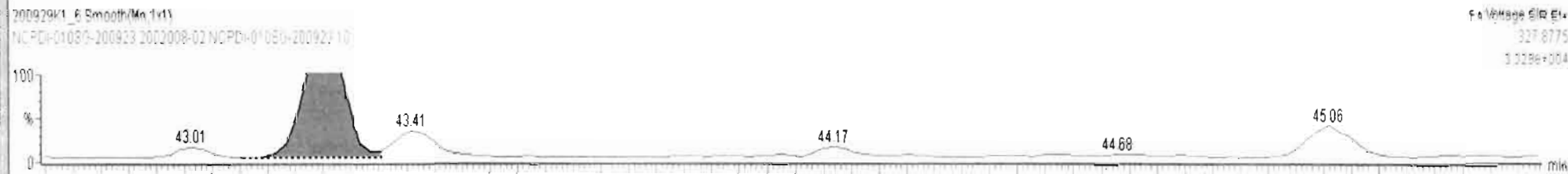
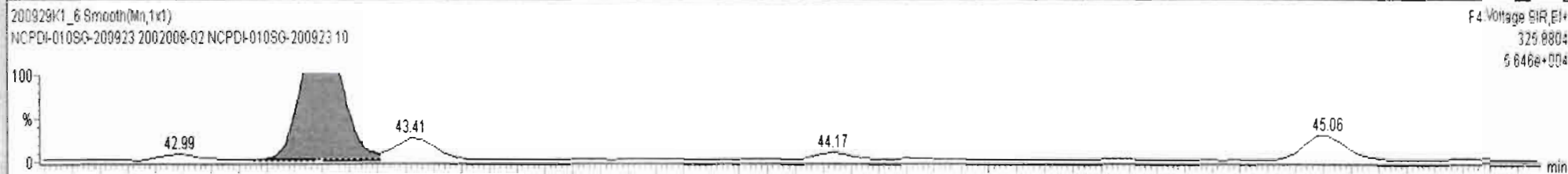




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred_RT	RT	Pred_R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1074		26.2	1085
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	4.235		4.63	55.70

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.33	3.834e2	2.853e2	1.560	1.34	NO	2.9739	2.9739
2	94 PCB-122	42.50	42.48	2.391e2	1.146e2	1.560	2.09	YES	1.5760	0.00000
3	95 PCB-105	43.24	43.24	7.576e3	4.090e3	1.550	1.85	YES	49.889	0.00000

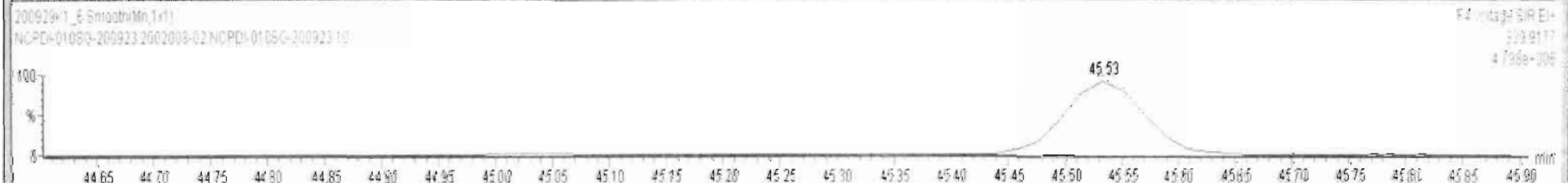
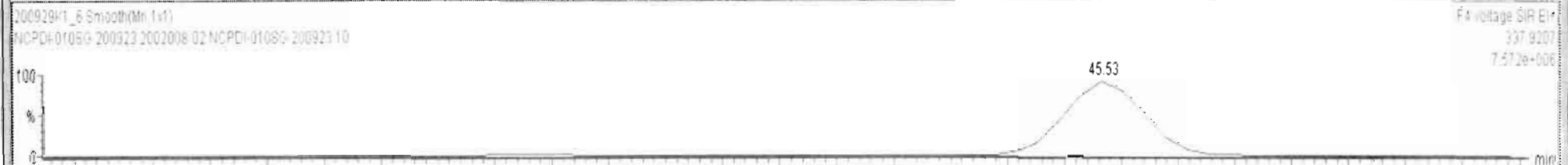
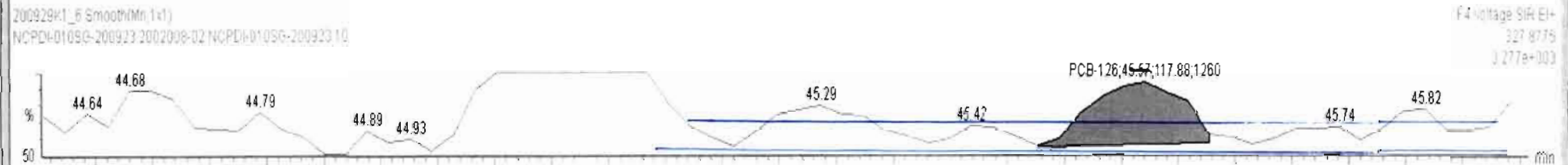
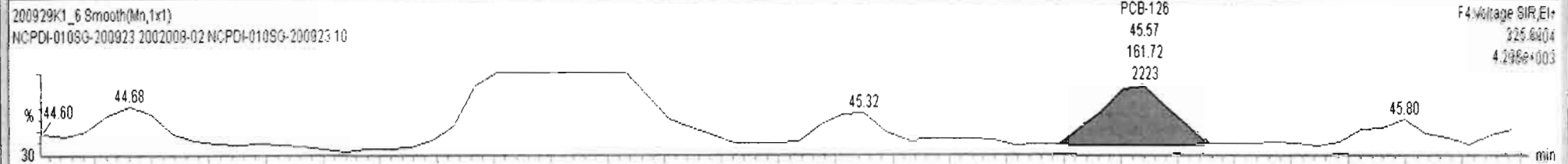




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.081	0.00		0.000		NO	671.1		19.7	685.4
229	229 3rd Function Penta-PCBs				1.3157	2.081	0.00		0.000		NO	1074		26.2	1085
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	4.735		4.63	55.70

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.33	3.834e2	2.853e2	1.560	1.34	NO	2.9739	2.9739
2	94 PCB-122	42.50	42.48	2.391e2	1.146e2	1.560	2.09	YES	1.5760	0.00000
3	95 PCB-105	43.24	43.24	7.576e3	4.090e3	1.550	1.85	YES	49.889	0.00000
4	97 PCB-126	45.55	45.57	1.617e2	1.179e2	1.560	1.37	NO	1.2606	1.2606



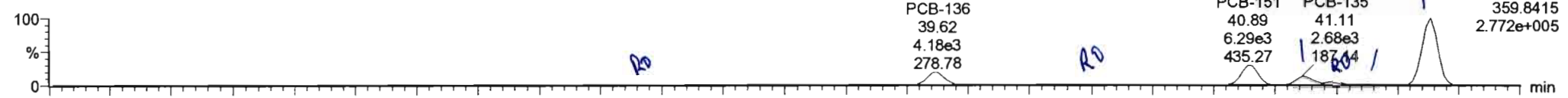
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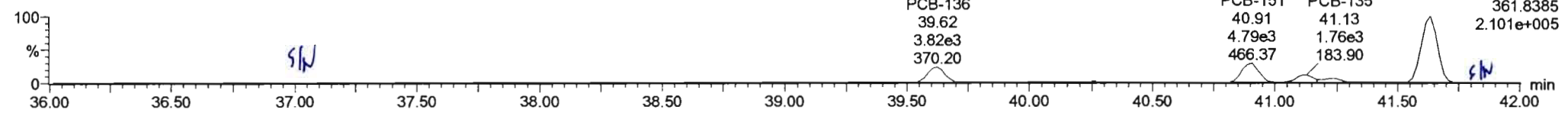
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200929K1_6

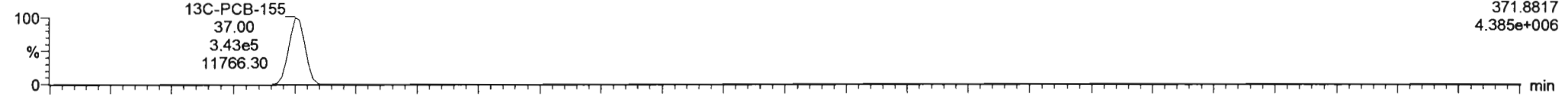


200929K1_6

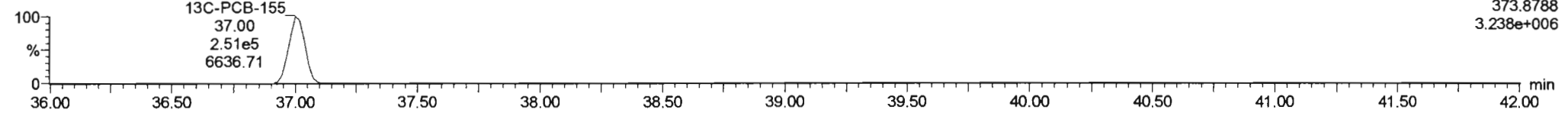


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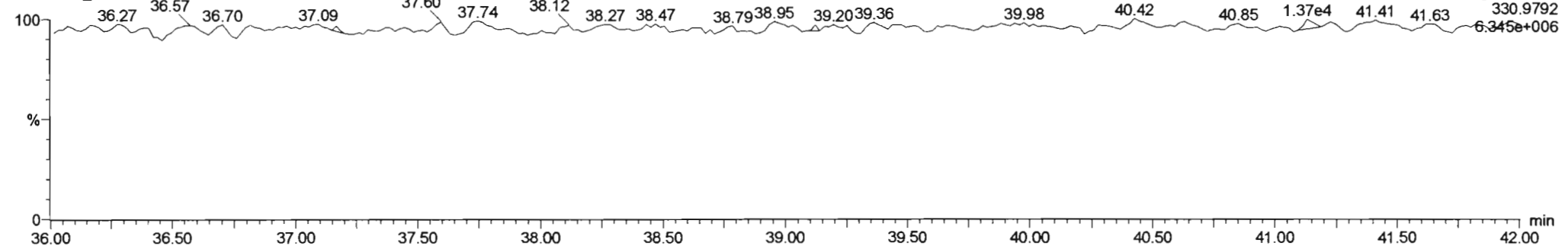


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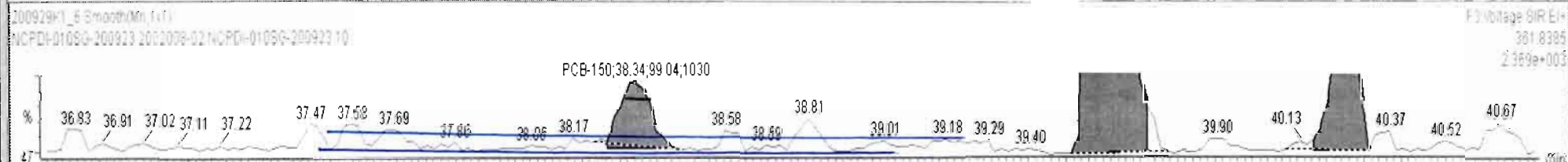
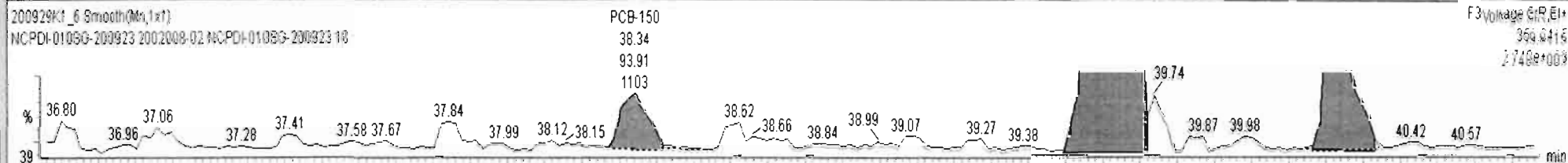


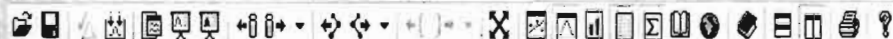


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#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	495.9		5.51	555.4
232	232 4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1056		15.1	1087
233	233 Total Hexa-PCBs				1.3551	2.081	0.00		0.000		NO	1230		13.6	1252

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	99 PCB-150	38.34	38.34	9.391e1	9.904e1	1.240	0.95	YES	1.2678	0.00000
2	102 PCB-136	39.63	39.62	4.181e3	3.803e3	1.240	1.10	NO	63.324	63.324
3	104 PCB-154	40.24	40.24	2.874e2	1.978e2	1.240	1.45	YES	3.9035	0.00000
4	105 PCB-151	40.91	40.89	6.295e3	4.787e3	1.240	1.32	NO	114.08	114.08

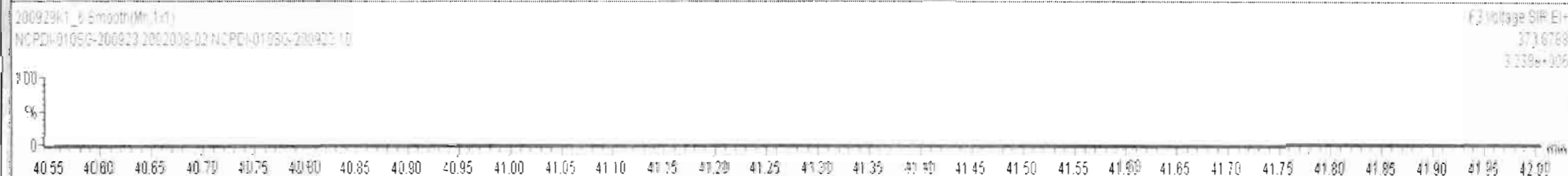
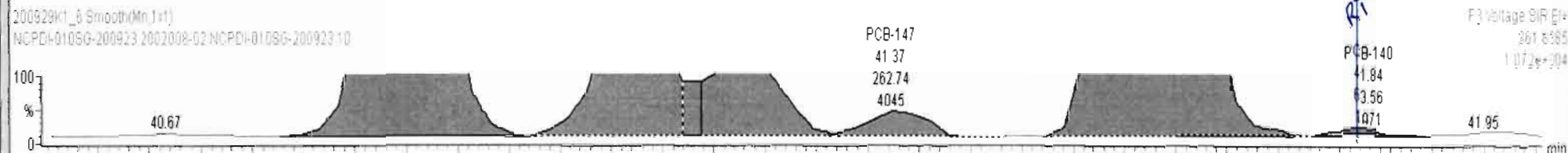
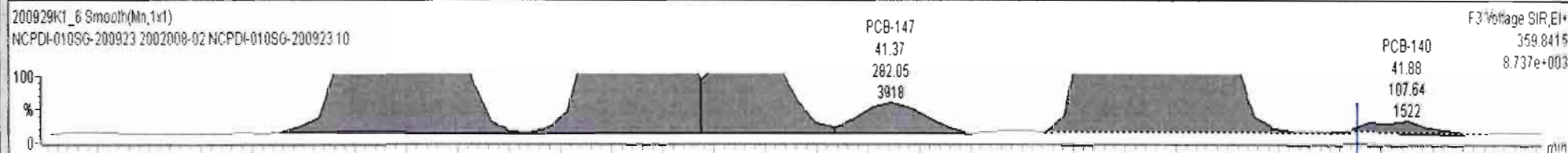




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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	536.3		5.51	561.1
232	4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1056		15.1	1087
233	Total Hexa-PCBs				1.3551	2.081	0.00		0.000		NO	1730		13.61	1757

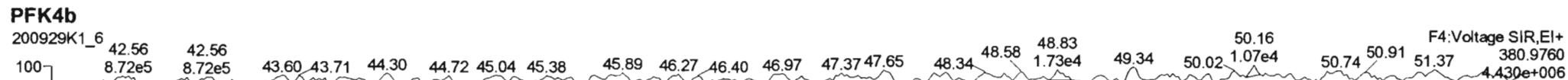
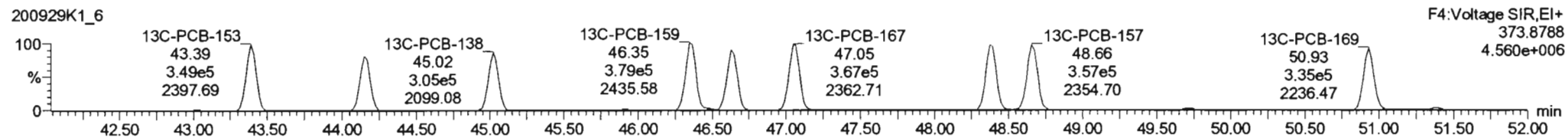
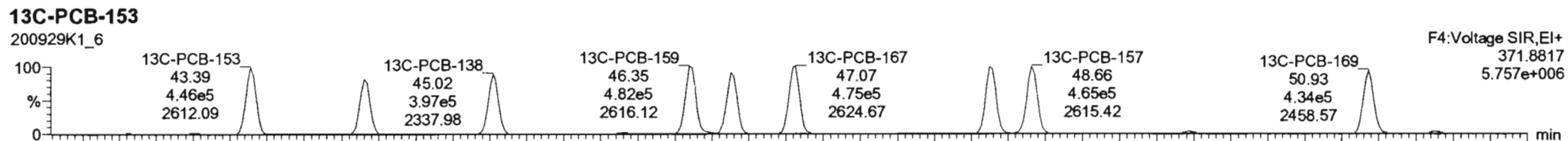
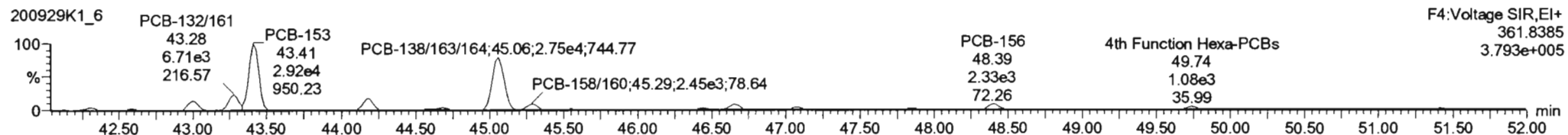
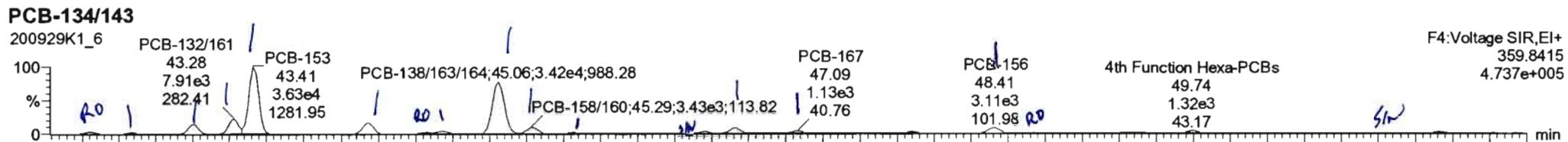
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	105 PCB-151	40.91	40.89	6.295e3	4.787e3	1.240	1.32	NO	114.08	114.08
5	106 PCB-135	41.13	41.11	2.677e3	1.920e3	1.240	1.39	NO	40.360	40.360
6	107 PCB-144	41.23	41.24	9.837e2	9.956e2	1.240	0.99	YES	18.237	0.00000
7	108 PCB-147	41.38	41.37	2.821e2	2.627e2	1.240	1.07	NO	5.2659	5.2659
8	109 PCB-139/149	41.64	41.63	2.067e4	1.599e4	1.240	1.29	NO	313.23	313.23
9	110 PCB-140	41.88	41.88	1.076e2	6.356e1	1.240	1.69	YES	1.4527	0.00000



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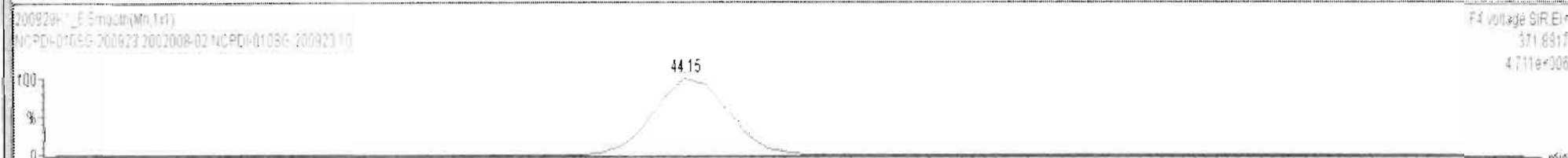
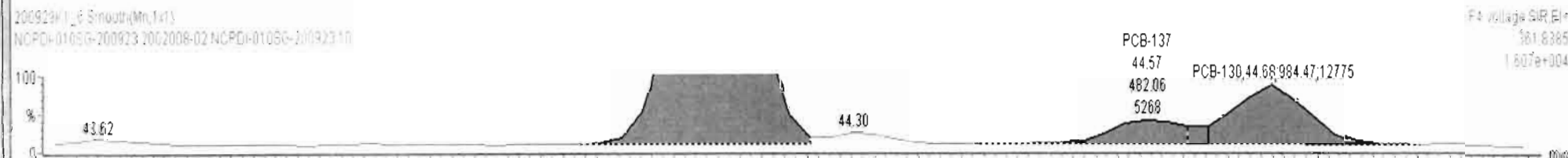
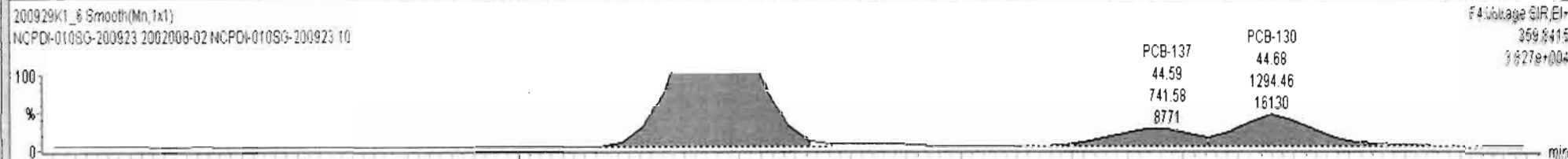
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200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Avl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.974		4.63	54.44
231	231 3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	536.3		5.51	559.7
232	232 4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1054		15.1	1085

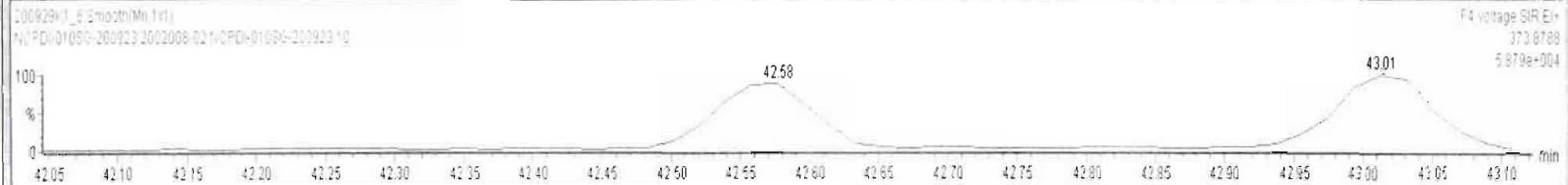
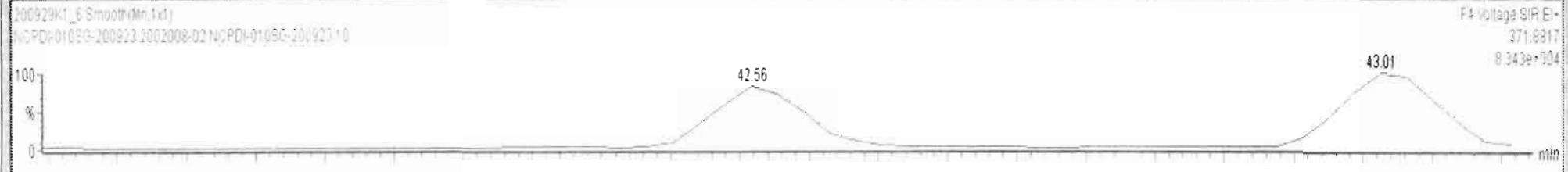
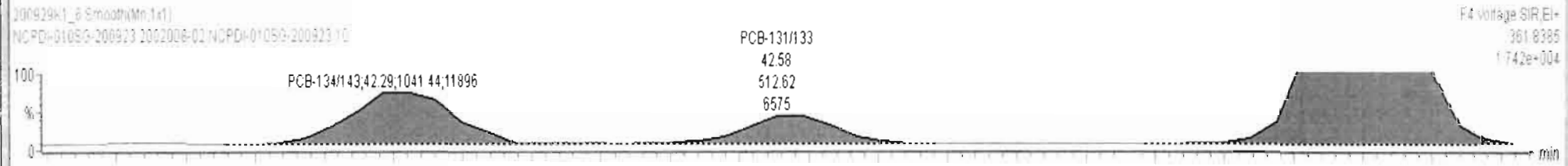
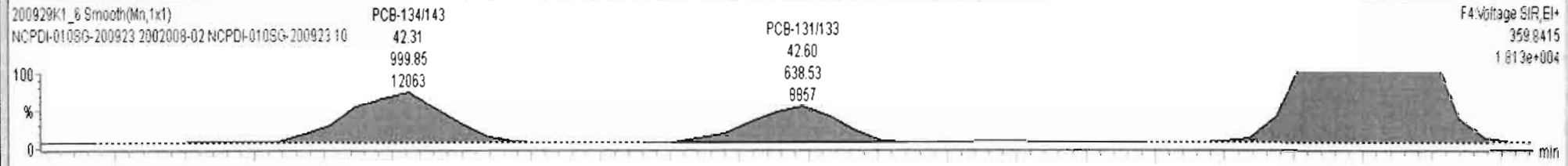
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	115 PCB-132/161	43.22	43.28	7.911e3	6.714e3	1.240	1.18	NO	86.325	86.325
5	116 PCB-153	43.41	43.41	3.630e4	2.918e4	1.240	1.24	NO	369.73	369.73
6	118 PCB-141	44.17	44.19	6.356e3	5.277e3	1.240	1.20	NO	82.728	82.728
7	119 PCB-137	44.56	44.59	7.416e2	4.821e2	1.240	1.54	YES	7.1000	0.00000
8	120 PCB-130	44.68	44.68	1.294e3	9.845e2	1.240	1.31	NO	18.794	18.794



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#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.974		4.63	54.44
231	231 3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	536.3		5.51	559.7
232	232 4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1055		15.1	1055

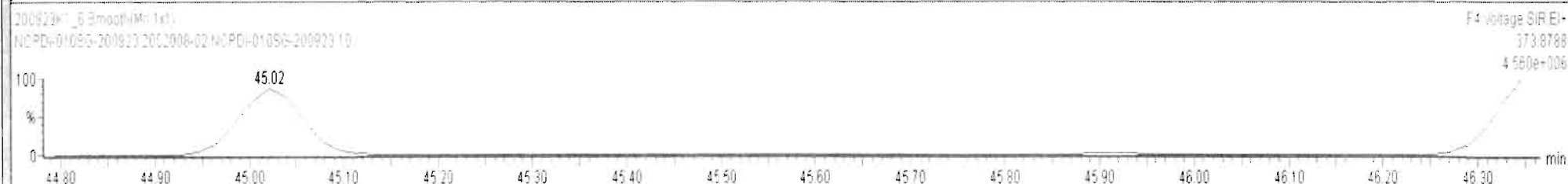
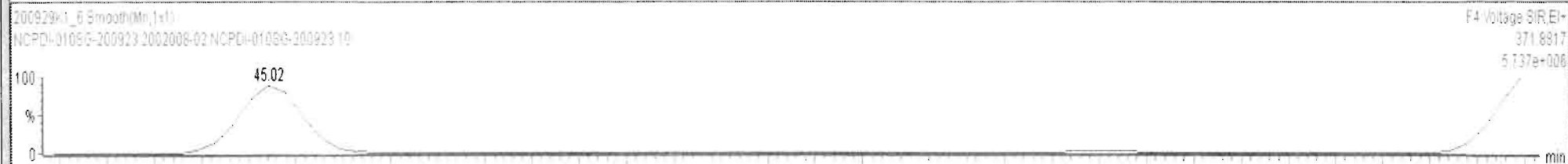
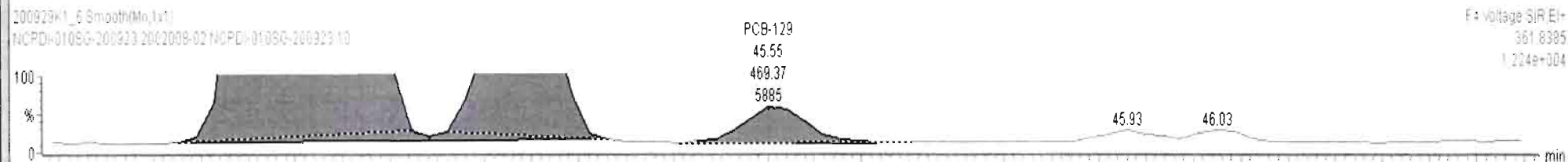
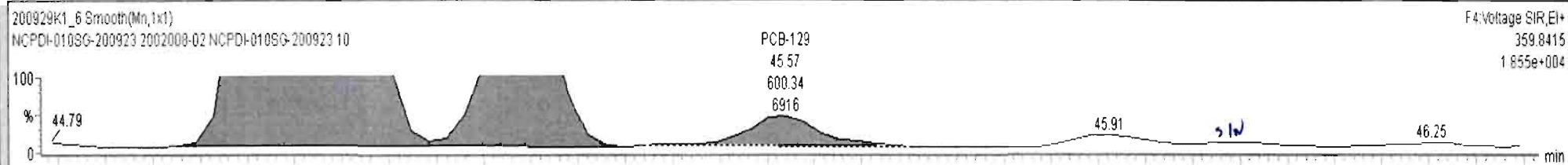
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1	111 PCB-134/143	42.29	42.31	9.996e2	1.041e3	1.240	0.96	YES	14.387	0.00000
2	112 PCB-131/133	42.59	42.60	6.385e2	5.126e2	1.240	1.25	NO	8.4782	8.4782
3	114 PCB-146/165	42.97	43.01	5.234e3	4.175e3	1.240	1.25	NO	55.948	55.948
4	115 PCB-132/161	43.22	43.28	7.911e3	6.714e3	1.240	1.18	NO	86.325	86.325
5	116 PCB-153	43.41	43.41	3.630e4	2.918e4	1.240	1.24	NO	369.73	369.73



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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.974		4.63	54.44
231	231 3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	536.3		5.51	559.7
232	232 4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1064		15.1	1088

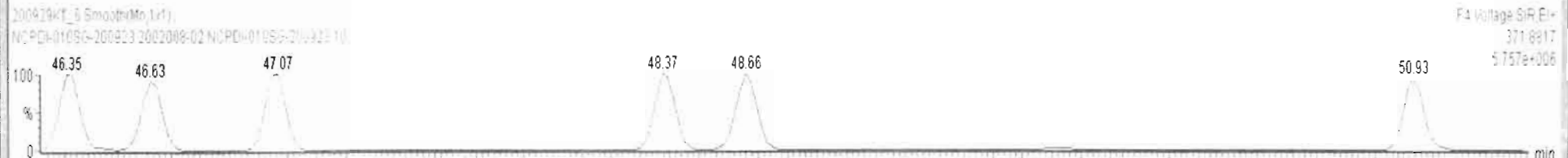
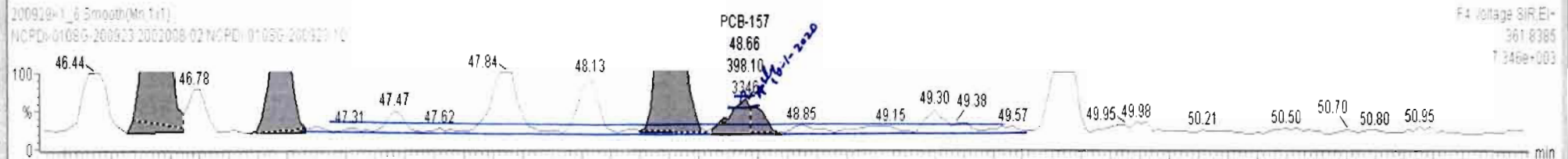
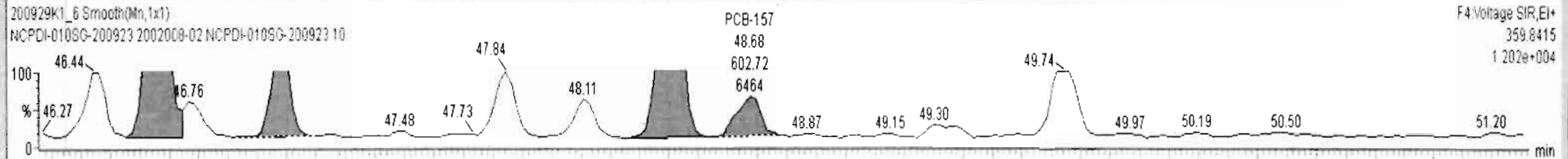
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2	112 PCB-131/133	42.58	42.60	6.385e2	5.126e2	1.240	1.25	NO	8.4782	8.4782
3	114 PCB-146/165	42.97	43.01	5.234e3	4.175e3	1.240	1.25	NO	55.948	55.948
4	115 PCB-132/161	43.22	43.28	7.911e3	6.714e3	1.240	1.18	NO	86.325	86.325
5	116 PCB-153	43.41	43.41	3.630e4	2.918e4	1.240	1.24	NO	369.73	369.73



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#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	2.081	0.00		0.000		NO	2.974		4.63	54.44
231	231 3rd Function Hexa-PCBs				0.9505	2.081	0.00		0.000		NO	536.3		5.51	559.7
232	232 4th Function Hexa-PCBs				1.0316	2.081	0.00		0.000		NO	1065		15.1	1092

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
11	123 PCB-129	45.55	45.57	6.003e2	4.694e2	1.240	1.28	NO	8.4498	8.4498
12	126 PCB-128/162	46.68	46.67	3.011e3	2.372e3	1.240	1.27	NO	33.111	33.111
13	127 PCB-167	47.09	47.09	1.127e3	9.299e2	1.240	1.21	NO	10.586	10.586
14	128 PCB-156	48.39	48.41	3.114e3	2.337e3	1.240	1.33	NO	28.140	28.140
15	129 PCB-157	48.68	48.68	6.027e2	3.981e2	1.240	1.51	YES	5.0214	0.00000

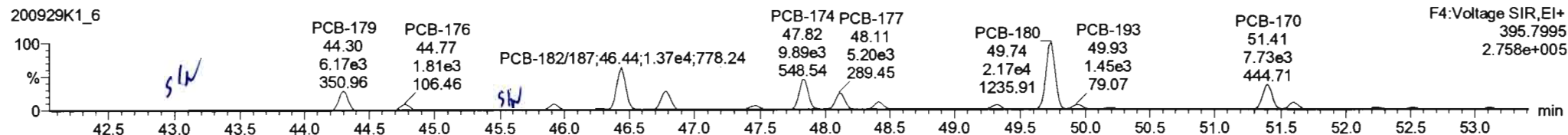
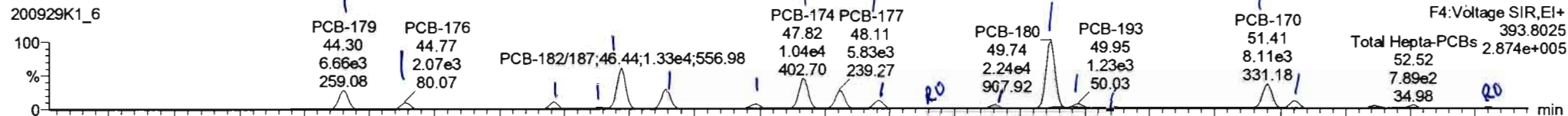


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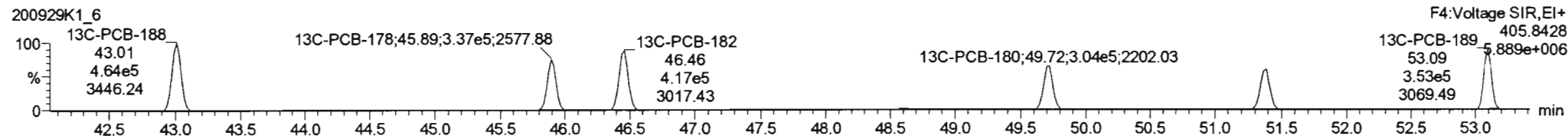
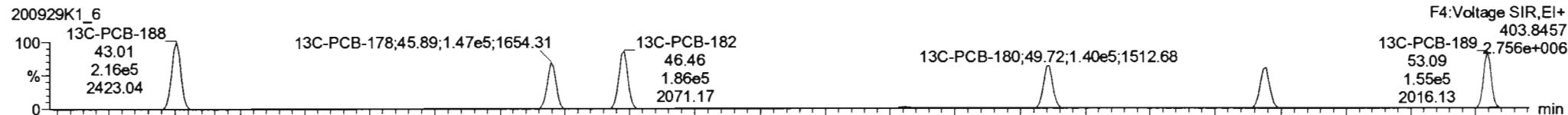
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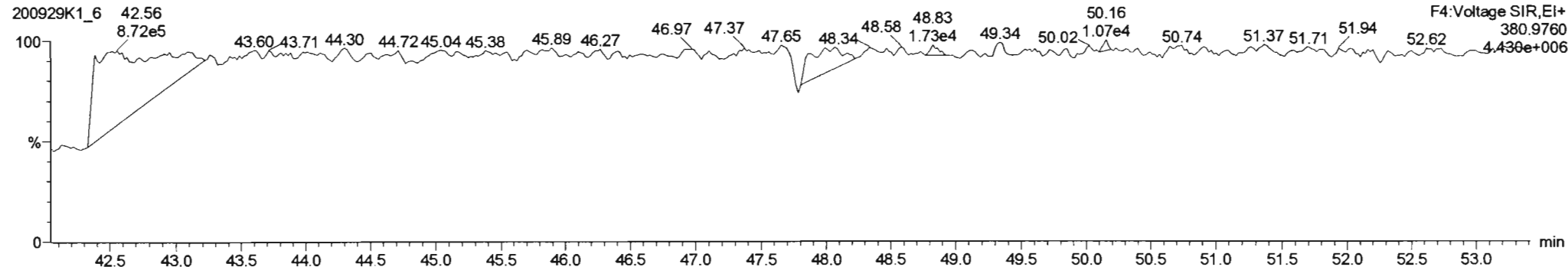
PCB-188

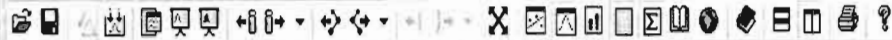


13C-PCB-188



PFK4c

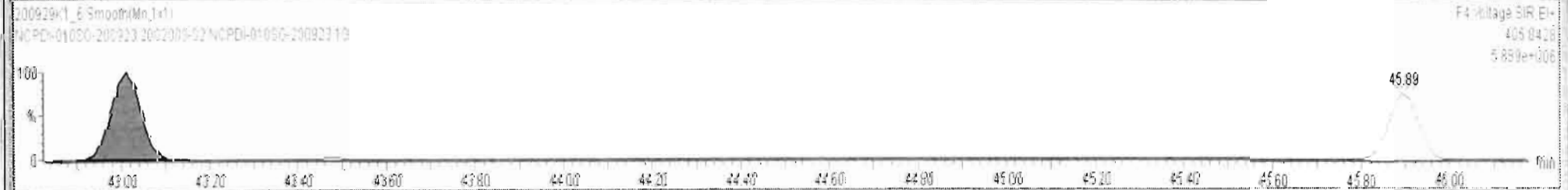
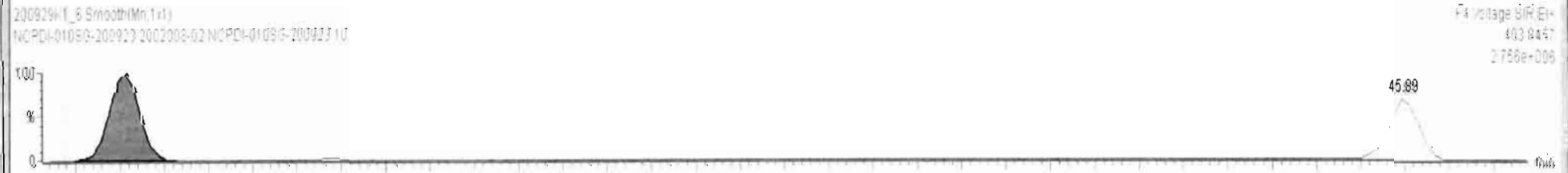
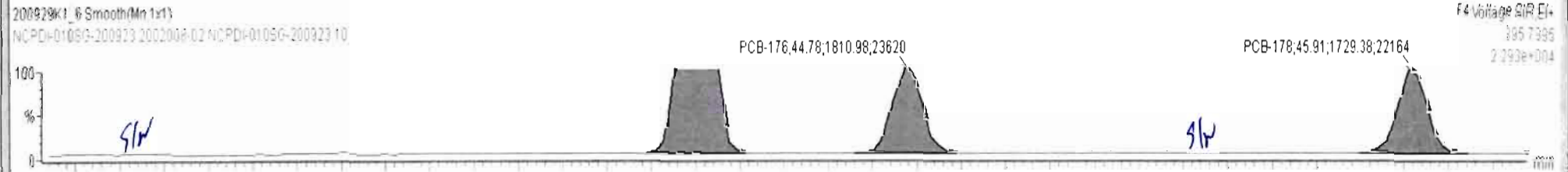
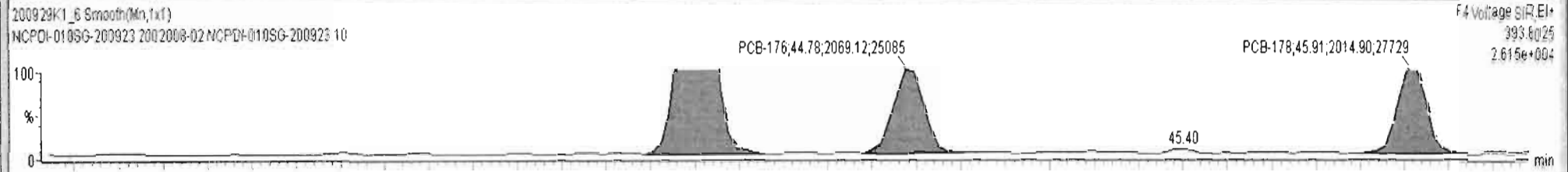




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1230		13.6	1252
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	229.8		8.49	235.8
235	235 5th Function Octa-PCBs				1.1499	2.081	0.00		0.000		NO	113.3		2.04	117.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	133 PCB-179	44.31	44.30	6.656e3	6.169e3	1.050	1.08	NO	69.750	69.750
2	134 PCB-176	44.77	44.78	2.069e3	1.811e3	1.050	1.14	NO	20.932	20.932
3	136 PCB-178	45.91	45.91	2.015e3	1.729e3	1.050	1.17	NO	28.024	28.024

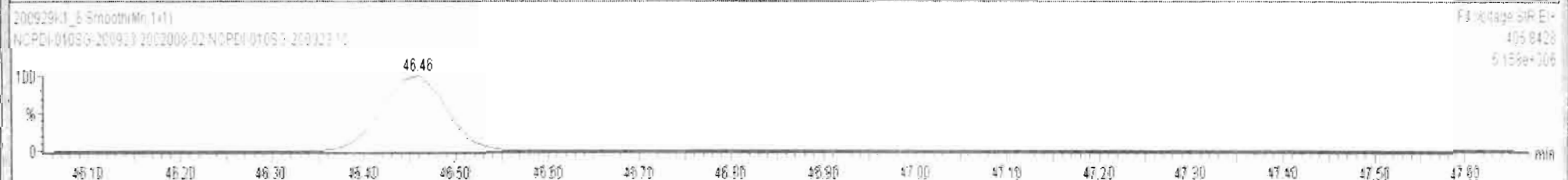
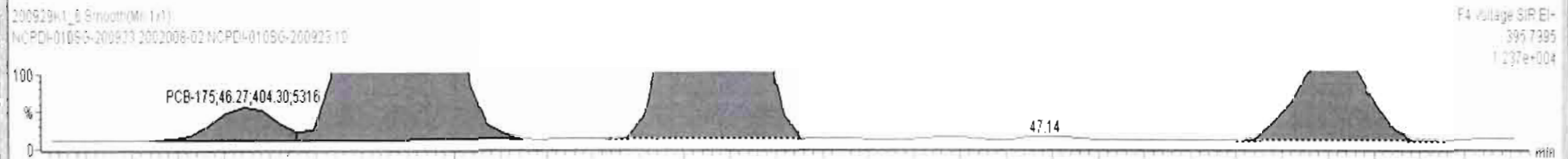
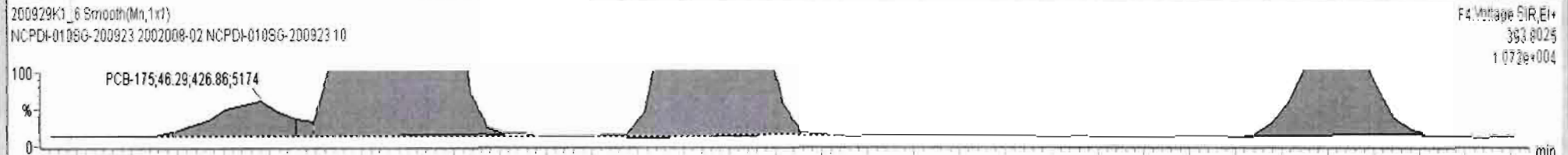


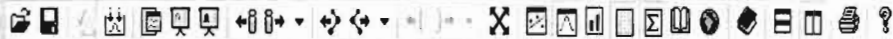


200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1230		13.6	1252
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	229.8		8.49	235.8
235	235 5th Function Octa-PCBs				1.1499	2.081	0.00		0.000		NO	113.3		2.04	117.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	137 PCB-175	46.27	46.29	4.269e2	4.043e2	1.050	1.06	NO	6.1362	6.1362
5	138 PCB-182/187	46.46	46.44	1.335e4	1.368e4	1.050	0.98	NO	178.99	178.99
6	139 PCB-183	46.78	46.78	6.452e3	6.192e3	1.050	1.04	NO	87.276	87.276
7	140 PCB-185	47.46	47.47	1.357e3	1.236e3	1.050	1.10	NO	19.974	19.974
8	141 PCB-174	47.86	47.83	1.038e4	9.888e3	1.050	1.05	NO	162.12	162.12

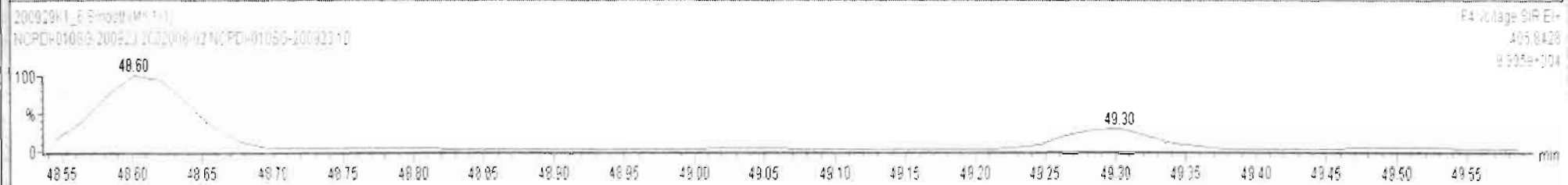
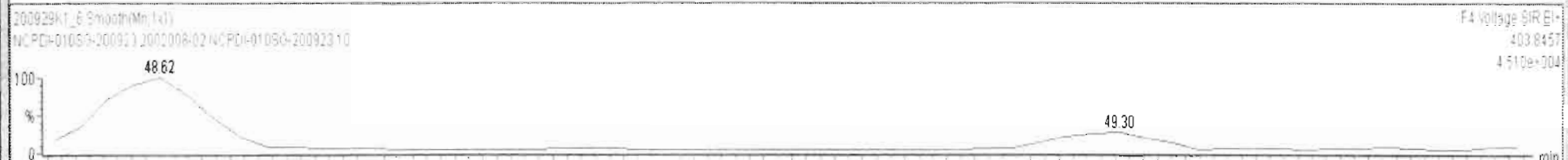
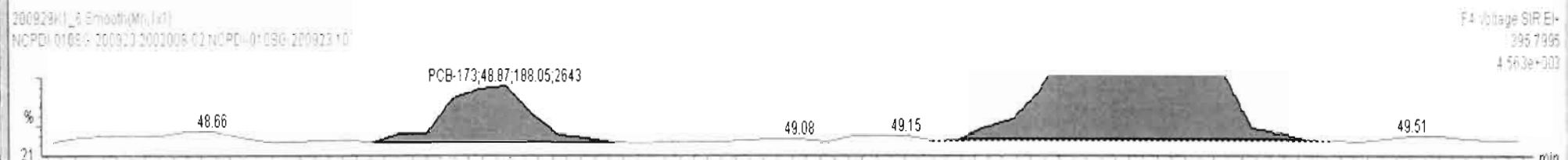
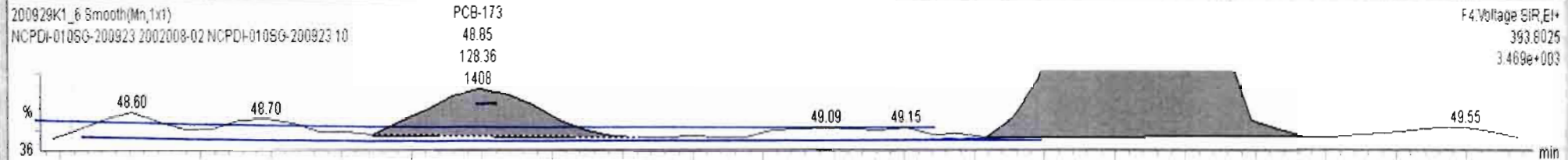




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1230		13.6	1252
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	229.8		8.49	235.8
235	235 5th Function Octa-PCBs				1.1499	2.081	0.00		0.000		NO	113.3		2.04	117.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	6.656e3	6.169e3	1.050	1.08	NO	69.750	69.750
2	134 PCB-176	44.77	44.78	2.069e3	1.811e3	1.050	1.14	NO	20.932	20.932
3	136 PCB-178	45.91	45.91	2.015e3	1.729e3	1.050	1.17	NO	28.024	28.024
4	137 PCB-175	46.27	46.29	4.269e2	4.043e2	1.050	1.06	NO	6.1362	6.1362
5	138 PCB-182/187	46.48	46.44	1.335e4	1.368e4	1.050	0.98	NO	178.99	178.99

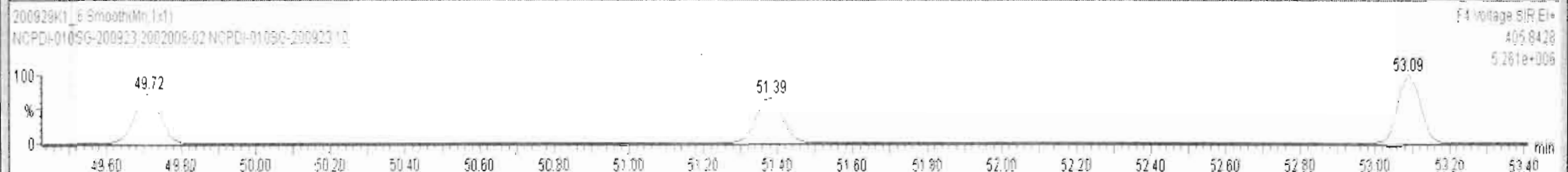
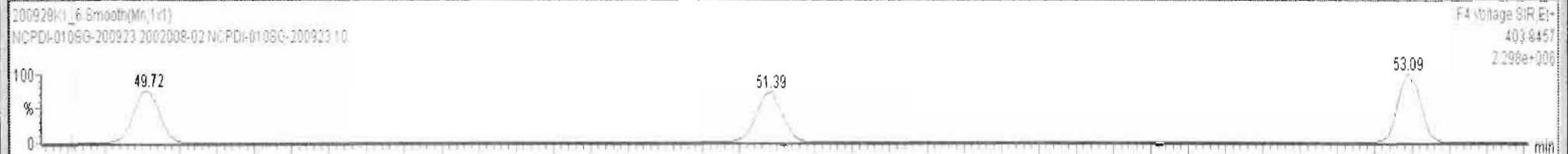
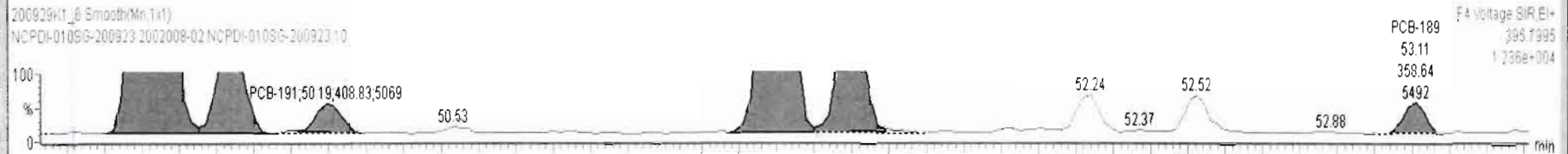
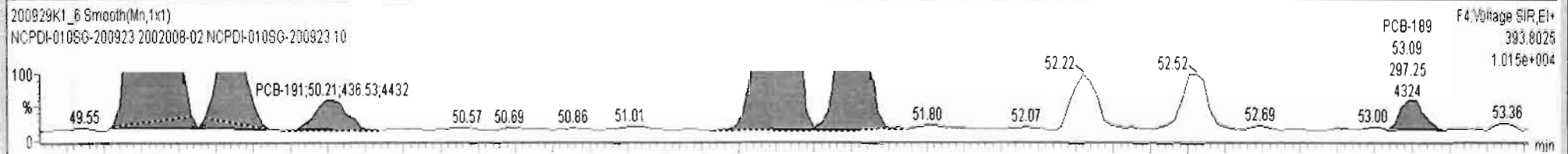




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1249		13.6	1255
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	229.8		8.49	235.8
235	235 5th Function Octa-PCBs				1.1498	2.081	0.00		0.000		NO	113.3		2.04	117.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
13	148 PCB-180	49.74	49.74	2.257e4	2.167e4	1.050	1.04	NO	339.43	339.43
14	149 PCB-193	49.96	49.95	1.362e3	1.450e3	1.050	0.94	NO	18.163	18.163
15	150 PCB-191	50.23	50.21	4.365e2	4.088e2	1.050	1.07	NO	5.3533	5.3533
16	151 PCB-170	51.41	51.41	8.104e3	7.727e3	1.050	1.05	NO	132.28	132.28
17	152 PCB-190	51.62	51.60	2.341e3	1.968e3	1.050	1.19	NO	27.249	27.249
18	153 PCB-189	53.11	53.09	2.973e2	3.586e2	1.050	0.83	YES	3.7793	0.00000



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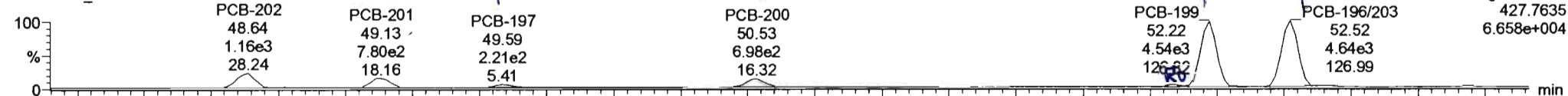
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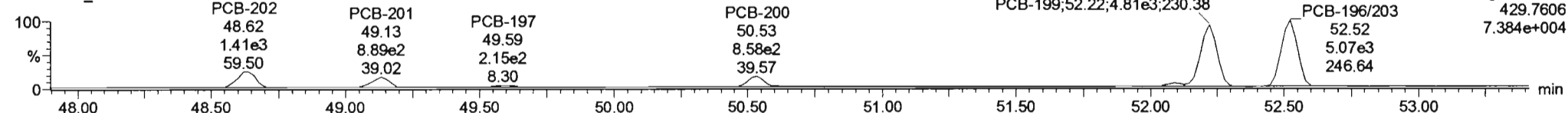
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PCB-202

200929K1_6



200929K1_6

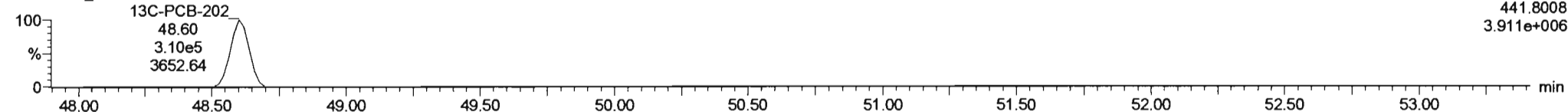


13C-PCB-202

200929K1_6

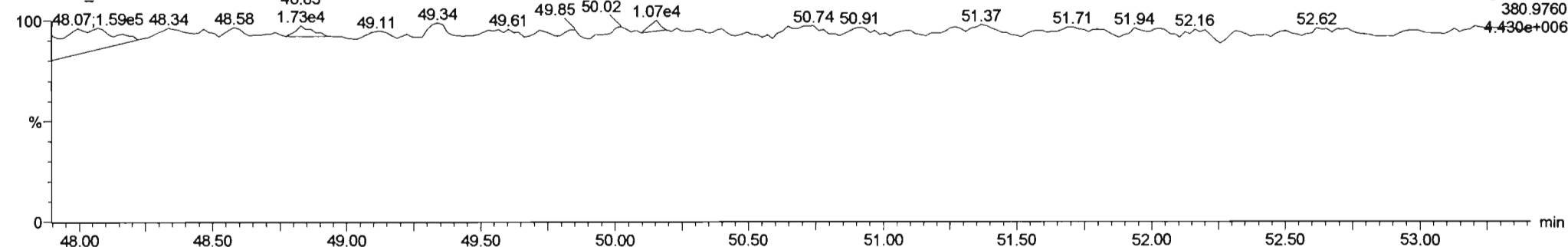


200929K1_6



PFK4d

200929K1_6

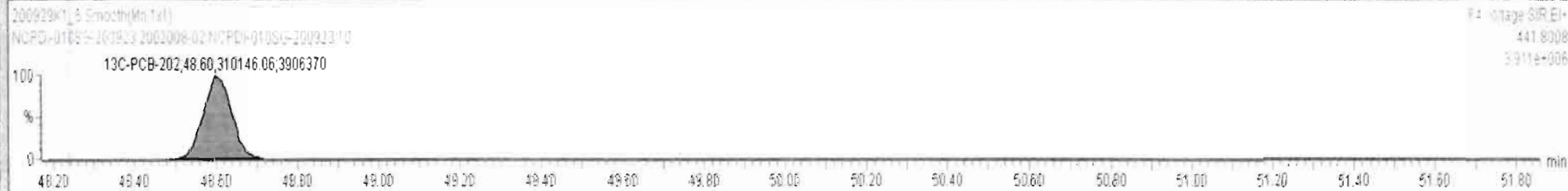
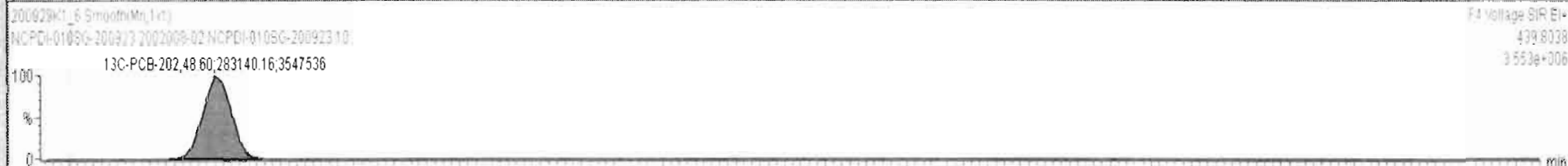
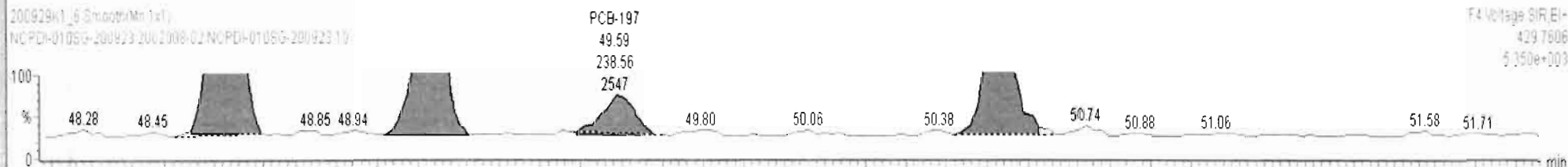
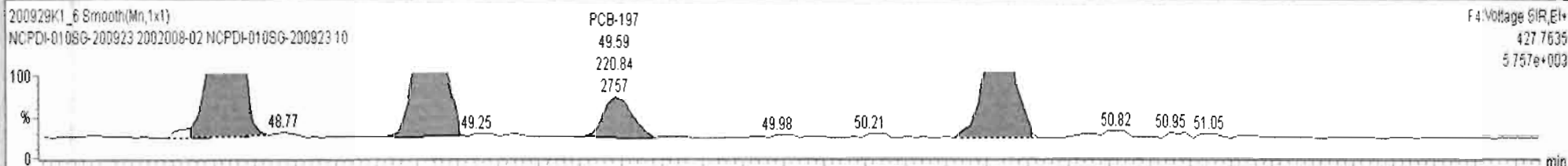




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1249		13.6	1255
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	232.8		8.49	235.8
235	235 5th Function Octa-PCBs				1.1499	2.081	0.00		0.000		NO	113.3		2.04	117.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.64	48.64	1.139e3	1.396e3	0.890	0.82	NO	17.579	17.579
2	155 PCB-201	49.13	49.13	7.796e2	8.889e2	0.890	0.88	NO	12.836	12.836
3	157 PCB-197	49.60	49.59	2.206e2	2.386e2	0.890	0.93	NO	3.2851	3.2851
4	158 PCB-200	50.54	50.53	6.940e2	8.475e2	0.890	0.82	NO	11.665	11.665

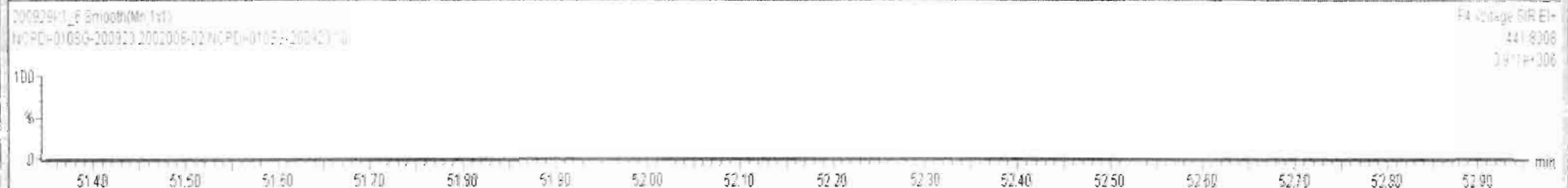
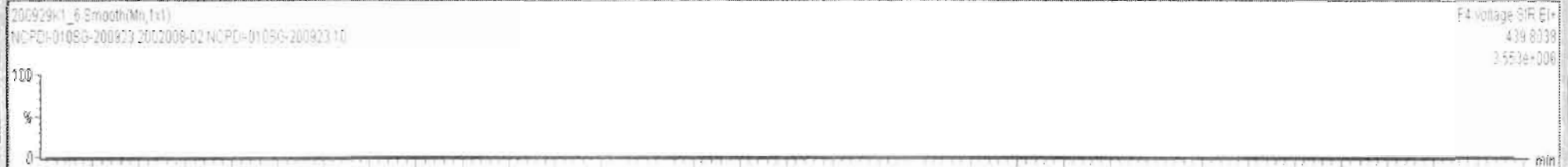
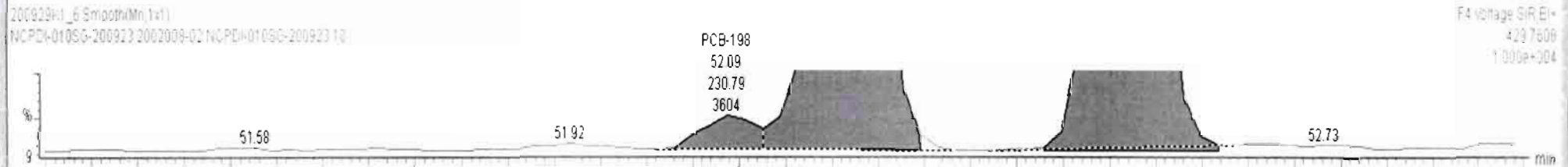
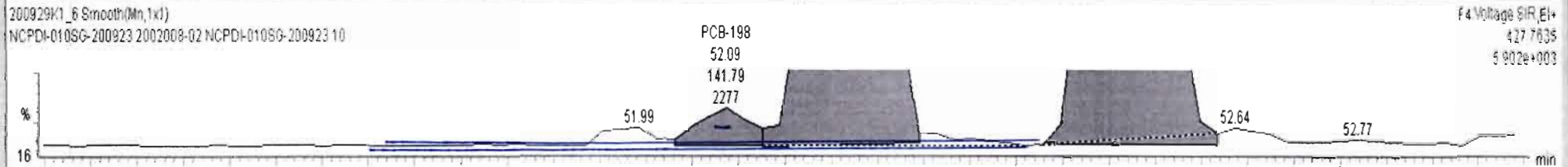




200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1249		13.6	1255
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	233.0		8.49	236.1
235	235 5th Function Octa-PCBs				1.1499	2.081	0.00		0.000		NO	113.3		2.04	117.1

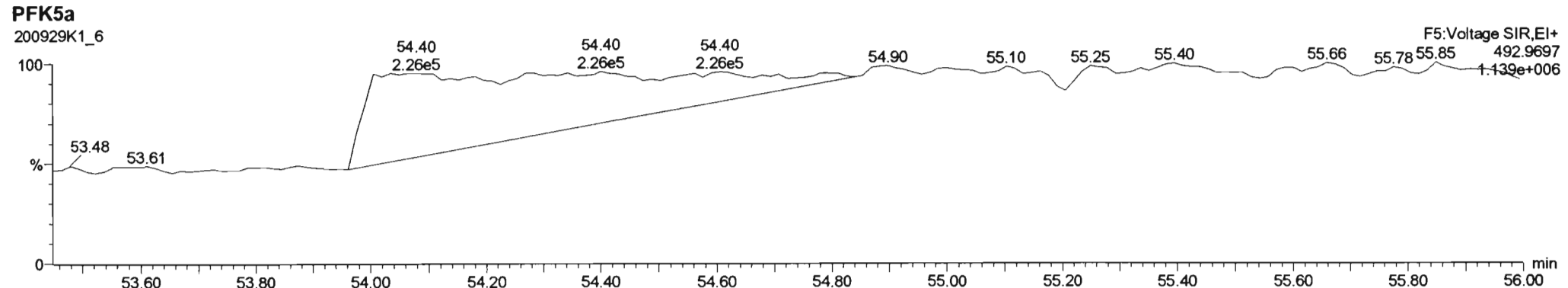
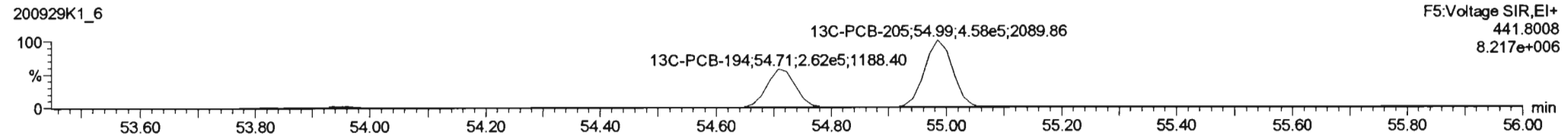
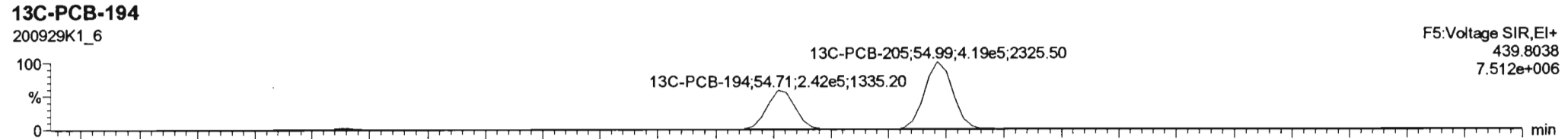
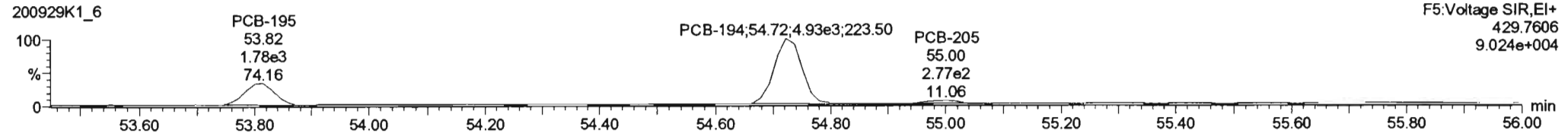
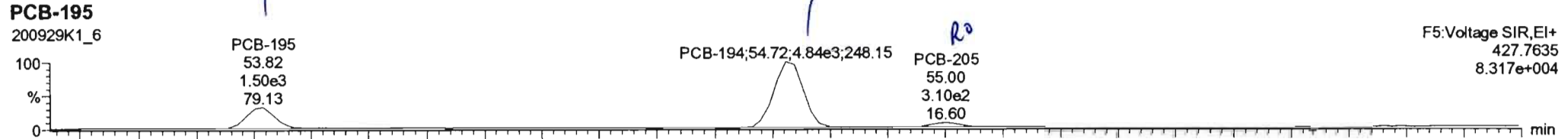
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	158 PCB-200	50.54	50.53	6.940e2	8.475e2	0.890	0.82	NO	11.665	11.665
5	159 PCB-198	52.08	52.09	1.418e2	2.308e2	0.890	0.61	YES	3.0721	0.00000
6	160 PCB-199	52.22	52.22	4.481e3	4.787e3	0.890	0.94	NO	92.754	92.754
7	161 PCB-196/203	52.52	52.52	4.695e3	5.124e3	0.890	0.92	NO	94.882	94.882



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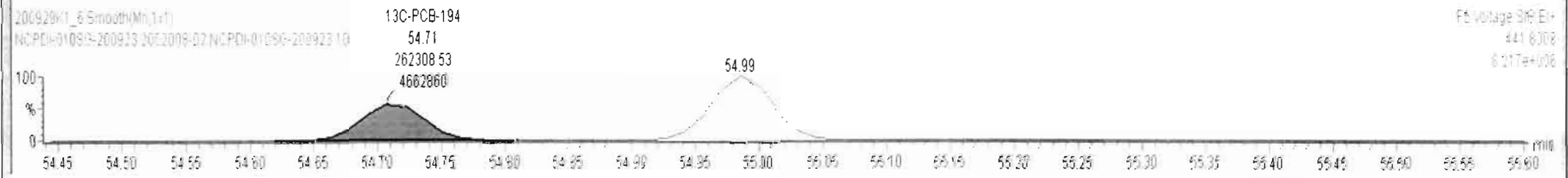
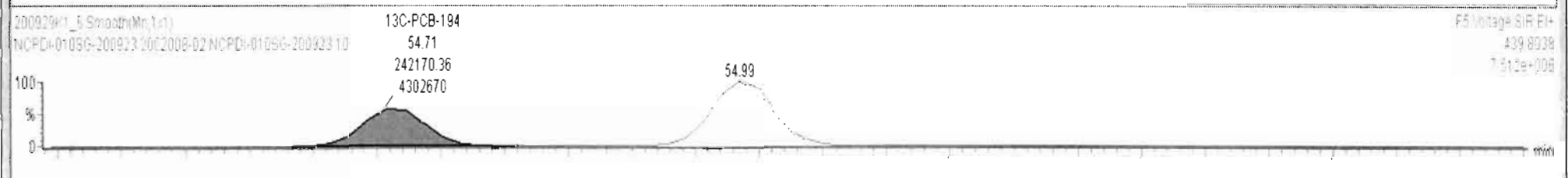
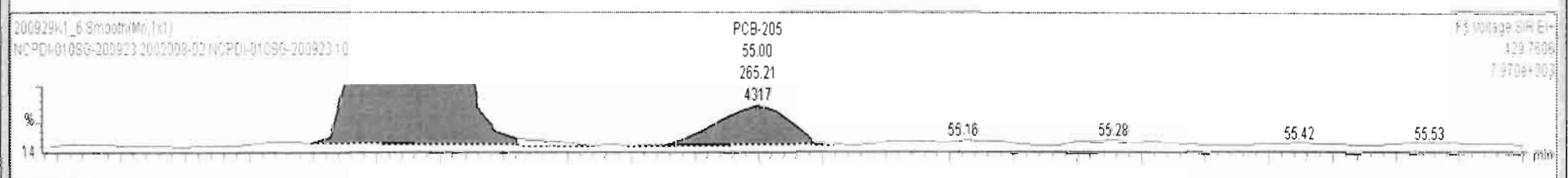
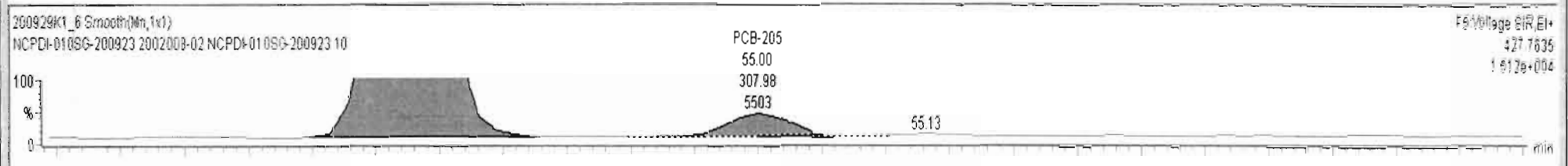
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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.081	0.00		0.000		NO	1249		13.6	1255
234	234 4th Function Octa-PCBs				1.0008	2.081	0.00		0.000		NO	233.0		8.49	236.1
235	235 5th Function Octa-PCBs				1.1498	2.081	0.00		0.000		NO	113.1		2.04	116.8

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.82	53.81	1.500e3	1.780e3	0.890	0.84	NO	29.909	29.909
2	163 PCB-194	54.72	54.72	4.838e3	4.911e3	0.890	0.99	NO	83.214	83.214
3	164 PCB-205	55.00	55.00	3.080e2	2.852e2	0.890	1.16	YES	3.7029	0.00000

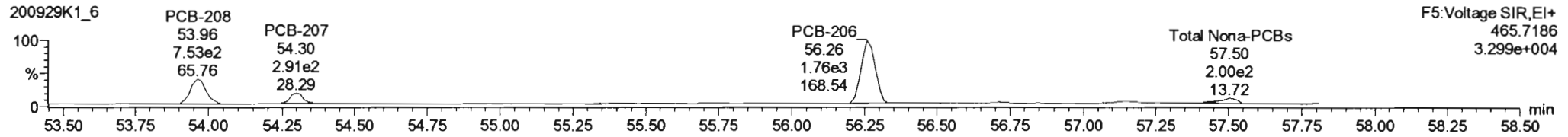
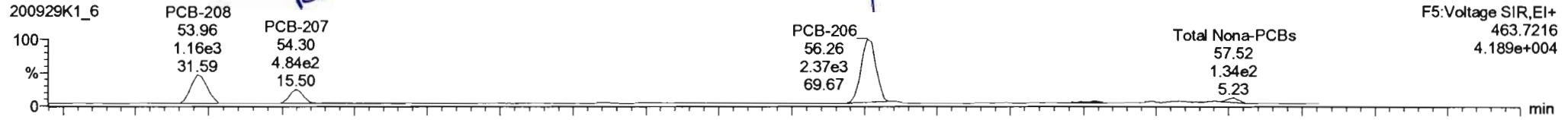


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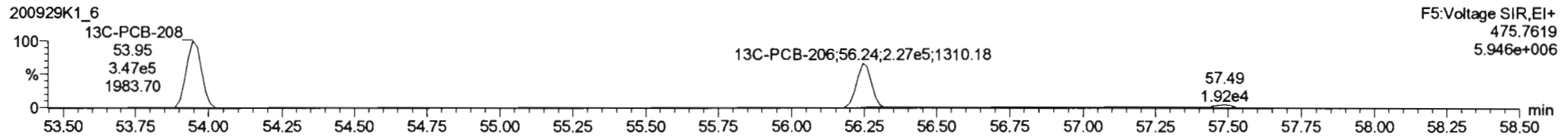
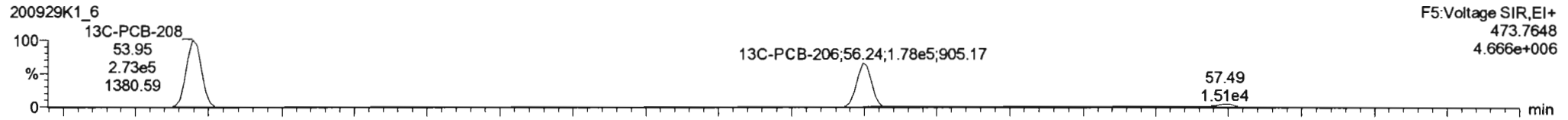
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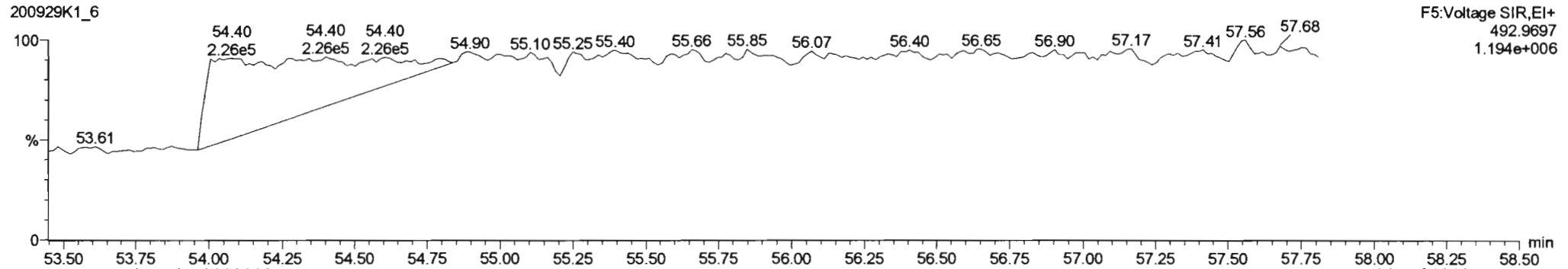
PCB-208

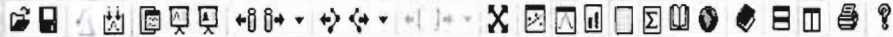


13C-PCB-208



PFK5





200929K1_6 - 2002008-02 NCPDI-010SG-200923 10 - NCPDI-010SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
236	236 Total Nona-PCBs				0.9523	2.081	0.00		0.000		NO	64.14		2.51	69.84
237	237 Deca-CB				0.9864	2.081	0.00		0.000		NO	46.21		0.313	46.21
238	238 Total PCBs														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	165 PCB-208	53.96	53.96	1.130e3	7.450e2	1.340	1.52	NO	15.572	15.572
2	166 PCB-207	54.30	54.30	4.712e2	2.879e2	1.340	1.64	YES	5.6977	0.00000
3	167 PCB-206	56.26	56.26	2.367e3	1.760e3	1.340	1.35	NO	48.566	48.566



53.750 53.800 53.850 53.900 53.950 54.000 54.050 54.100 54.150 54.200 54.250 54.300 54.350 54.400 54.450 54.500 54.550 min

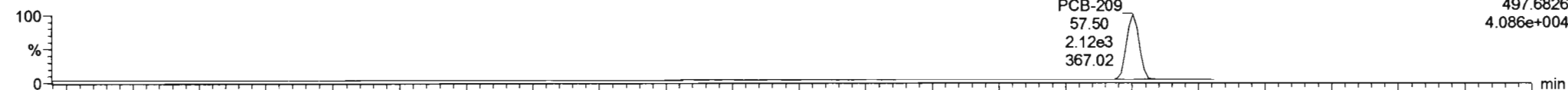
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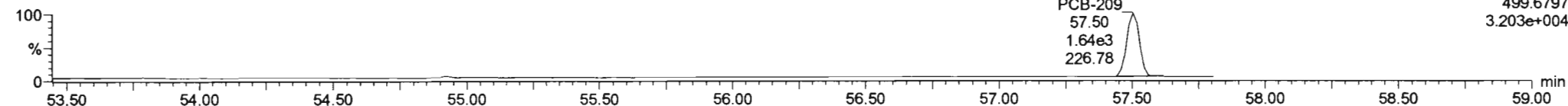
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PCB-209

200929K1_6

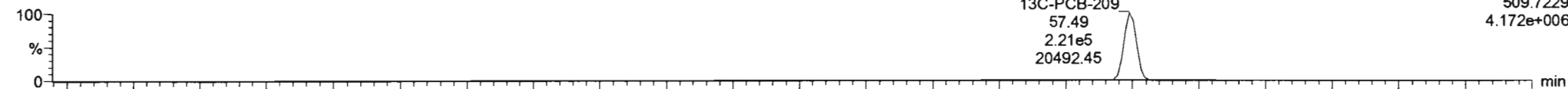


200929K1_6

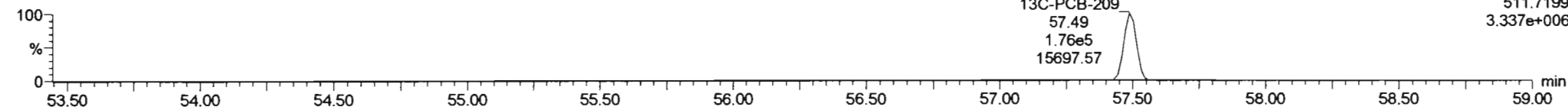


13C-PCB-209

200929K1_6

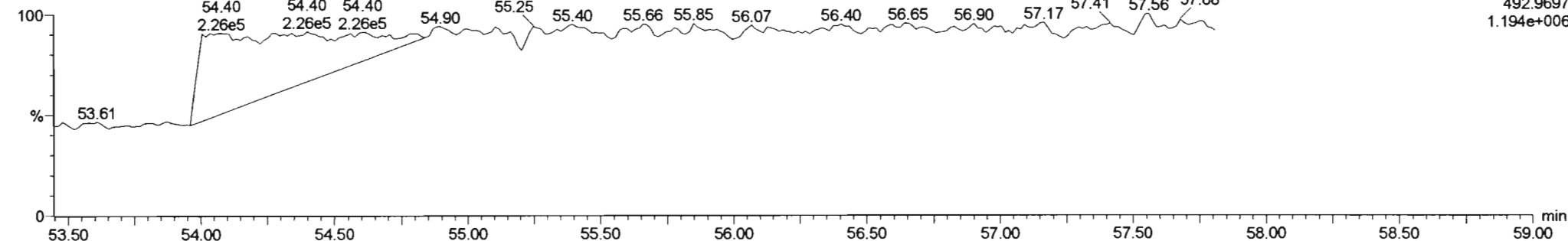


200929K1_6



PFK5b

200929K1_6



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H2 9/30/2020

CT 10/02/2020

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Calibration: U:\VG11.PRO\CurveDB\vb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

** see dilution*

Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	18 PCB-34			NO	0.945	1.979	27.62		0.959		YES			0.926	
2	19 PCB-23			NO	0.883	1.979	27.71		0.962		YES			0.991	
3	20 PCB-29			NO	0.893	1.979	27.97		0.971		YES			0.981	
4	21 PCB-26	3.54e3	0.88	YES	0.944	1.979	28.17	28.18	0.979	0.979	NO	11.29		0.927	10.36
5	22 PCB-25	1.89e3	1.28	YES	0.950	1.979	28.34	28.35	0.984	0.984	NO	6.004		0.922	5.377
6	23 PCB-31	1.94e4	1.03	NO	1.04	1.979	28.71	28.70	0.997	0.997	NO	56.48		0.845	56.48
7	24 PCB-28	2.59e4	1.02	NO	1.03	1.979	28.81	28.81	1.001	1.001	NO	76.01		0.854	76.01
8	25 PCB-20/21/33	1.04e4	1.04	NO	0.941	1.979	29.45	29.48	1.023	1.024	NO	33.16		0.930	33.16
9	26 PCB-22	6.61e3	1.05	NO	0.973	1.979	29.91	29.91	1.039	1.039	NO	20.46		0.900	20.46
10	27 PCB-36			NO	1.08	1.979	30.53		0.931		YES			0.938	
11	28 PCB-39			NO	0.988	1.979	31.01		0.946		YES			1.02	
12	29 PCB-38			NO	1.05	1.979	31.81		0.970		YES			0.959	
13	30 PCB-35			NO	1.04	1.979	32.35		0.987		YES			0.967	
14	31 PCB-37	7.68e3	0.98	NO	1.01	1.979	32.80	32.79	1.001	1.001	NO	24.98		1.00	24.98
15	32 PCB-54	6.30e2	0.53	YES	1.08	1.979	27.66	27.66	1.001	1.001	NO	2.575		0.591	2.135
16	33 PCB-50			NO	0.880	1.979	28.86		1.044		YES			0.725	
17	34 PCB-53	3.79e3	0.80	NO	0.997	1.979	29.54	29.52	0.944	0.943	NO	20.74		0.801	20.74
18	35 PCB-51	1.79e3	0.62	YES	1.07	1.979	29.90	29.87	0.956	0.955	NO	9.183		0.749	8.097
19	36 PCB-45	1.90e3	1.06	YES	0.858	1.979	30.34	30.32	0.970	0.969	NO	12.96		0.950	10.34
20	37 PCB-46	7.79e2	1.10	YES	0.831	1.979	30.85	30.82	0.986	0.985	NO	5.171		0.981	4.307
21	38 PCB-52/69	2.61e4	0.79	NO	1.17	1.979	31.33	31.31	1.001	1.001	NO	121.9		0.684	121.9
22	39 PCB-73			NO	1.44	1.979	31.46		1.005		YES			0.553	
23	40 PCB-43/49	1.69e4	0.82	NO	1.02	1.979	31.61	31.62	1.010	1.011	NO	90.78		0.786	90.78
24	41 PCB-47	8.88e3	0.83	NO	0.922	1.979	31.83	31.85	1.001	1.001	NO	48.54		0.860	48.54
25	42 PCB-48/75	3.49e3	0.72	NO	1.12	1.979	31.94	31.98	1.004	1.005	NO	15.69		0.708	15.69
26	43 PCB-65			NO	1.28	1.979	32.22		1.013		YES			0.619	
27	44 PCB-62			NO	1.13	1.979	32.33		1.016		YES			0.703	
28	45 PCB-44	1.38e4	0.76	NO	0.824	1.979	32.67	32.65	1.027	1.026	NO	84.29		0.962	84.29
29	46 PCB-42/59	5.81e3	0.84	NO	1.05	1.979	32.87	32.87	1.033	1.033	NO	27.90		0.756	27.90
30	47 PCB-41/64/71/72	1.68e4	0.74	NO	1.19	1.979	33.50	33.48	1.053	1.053	NO	71.14		0.668	71.14
31	48 PCB-68	5.00e2	0.71	NO	1.28	1.979	33.77	33.76	1.062	1.061	NO	1.974		0.621	1.974
32	49 PCB-40	1.66e3	0.75	NO	0.602	1.979	33.99	33.97	1.069	1.068	NO	13.94		1.32	13.94

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-7.qld

Last Altered: Wednesday, September 30, 2020 11:37:19 Pacific Daylight Time
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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
33	50 PCB-57			NO	1.16	1.979	34.32		0.969		YES			0.567	
34	51 PCB-67	5.87e2	0.79	NO	1.08	1.979	34.64	34.69	0.978	0.980	NO	2.482		0.608	2.482
35	52 PCB-58			NO	1.20	1.979	34.75		0.981		YES			0.548	
36	53 PCB-63	1.09e3	1.05	YES	1.07	1.979	34.92	34.95	0.986	0.987	NO	4.565		0.615	4.040
37	54 PCB-74	9.31e3	0.84	NO	1.19	1.979	35.22	35.23	0.994	0.995	NO	36.01		0.556	36.01
38	55 PCB-61/70	2.99e4	0.81	NO	1.05	1.979	35.44	35.46	1.000	1.001	NO	129.9		0.625	129.9
39	56 PCB-76/66	2.63e4	0.77	NO	1.16	1.979	35.63	35.66	1.006	1.007	NO	103.4		0.566	103.4
40	57 PCB-80			NO	1.19	1.979	35.89		1.001		YES			0.512	
41	58 PCB-55			NO	1.17	1.979	36.22		1.010		YES			0.520	
42	59 PCB-56/60	1.35e4	0.78	NO	1.02	1.979	36.72	36.72	1.024	1.024	NO	55.01		0.597	55.01
43	60 PCB-79	9.25e2	0.51	YES	1.14	1.979	37.82	37.84	1.054	1.055	NO	3.380		0.574	2.619
44	61 PCB-78			NO	1.14	1.979	38.54		0.987		YES			0.576	
45	62 PCB-81			NO	1.05	1.979	39.09		1.000		YES			0.626	
46	63 PCB-77	2.87e3	0.86	NO	1.14	1.979	39.70	39.70	1.000	1.000	NO	10.95		0.575	10.95
47	64 PCB-104			NO	1.12	1.979	32.50		1.001		YES			0.690	
48	65 PCB-96	4.98e2	1.08	YES	1.15	1.979	33.82	33.80	1.041	1.041	NO	2.452		0.671	2.102
49	66 PCB-103	7.64e2	2.44	YES	0.936	1.979	34.38	34.38	1.059	1.058	NO	4.850		0.827	3.462
50	67 PCB-100	6.10e2	1.36	NO	0.954	1.979	34.74	34.77	1.070	1.070	NO	3.645		0.812	3.645
51	68 PCB-94	3.91e2	1.45	NO	0.949	1.979	35.21	35.20	0.985	0.985	NO	2.979		1.02	2.979
52	69 PCB-95/98/102	2.44e4	1.54	NO	1.20	1.979	35.68	35.75	0.999	1.001	NO	146.2		0.805	146.2
53	70 PCB-93			NO	0.935	1.979	35.82		1.003		YES			1.04	
54	71 PCB-88/91	4.90e3	1.68	NO	1.06	1.979	36.16	36.18	1.012	1.012	NO	33.23		0.911	33.23
55	72 PCB-121			NO	1.71	1.979	36.26		1.015		YES			0.567	
56	73 PCB-84/92	1.18e4	1.41	NO	1.02	1.979	37.09	37.11	0.990	0.991	NO	85.38		1.00	85.38
57	74 PCB-89			NO	1.11	1.979	37.27		0.995		YES			0.924	
58	75 PCB-90/101	3.46e4	1.68	NO	1.12	1.979	37.48	37.50	1.000	1.001	NO	226.3		0.910	226.3
59	76 PCB-113			NO	1.51	1.979	37.73		1.007		YES			0.675	
60	77 PCB-99	1.59e4	1.49	NO	1.32	1.979	37.81	37.84	1.009	1.010	NO	88.58		0.773	88.58
61	78 PCB-119	1.66e3	1.65	NO	1.81	1.979	38.32	38.30	0.987	0.987	NO	7.565		0.634	7.565
62	79 PCB-108/112	1.27e3	1.81	YES	1.44	1.979	38.48	38.49	0.991	0.991	NO	7.214		0.751	6.570
63	80 PCB-83			NO	1.83	1.979	38.63		0.995		YES			0.624	
64	81 PCB-97	8.04e3	1.45	NO	1.28	1.979	38.84	38.84	1.000	1.000	NO	51.62		0.892	51.62
65	82 PCB-86			NO	1.12	1.979	38.98		1.004		YES			1.02	
66	83 PCB-87/117/125	1.01e4	1.69	NO	1.56	1.979	39.13	39.14	1.008	1.008	NO	53.37		0.734	53.37
67	84 PCB-111/115	4.08e2	1.29	YES	1.91	1.979	39.29	39.29	1.012	1.012	NO	1.786		0.589	1.624
68	85 PCB-85/116	4.63e3	1.42	NO	1.41	1.979	39.42	39.40	1.015	1.015	NO	26.98		0.811	26.98

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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	86 PCB-120			NO	2.01	1.979	39.67		1.022		YES			0.570	
70	87 PCB-110	4.30e4	1.61	NO	1.74	1.979	39.83	39.81	1.026	1.025	NO	203.3		0.656	203.3
71	88 PCB-82	2.36e3	1.72	NO	0.781	1.979	40.47	40.46	0.976	0.976	NO	17.89		1.05	17.89
72	89 PCB-124	1.77e3	2.06	YES	1.40	1.979	41.17	41.17	0.993	0.993	NO	7.515		0.589	6.286
73	90 PCB-107/109	3.14e3	1.38	NO	1.34	1.979	41.32	41.34	0.996	0.997	NO	13.86		0.613	13.86
74	91 PCB-123	5.73e2	1.84	YES	1.20	1.979	41.49	41.49	1.000	1.000	NO	2.822		0.687	2.552
75	92 PCB-106/118	3.46e4	1.51	NO	1.22	1.979	41.69	41.67	1.001	1.000	NO	161.1		0.633	161.1
76	93 PCB-114	8.41e2	1.25	YES	1.14	1.979	42.35	42.33	1.000	1.000	NO	3.599		0.854	3.287
77	94 PCB-122	6.02e2	1.63	NO	0.944	1.979	42.50	42.48	1.004	1.004	NO	3.114		1.03	3.114
78	95 PCB-105	1.30e4	1.42	NO	1.05	1.979	43.24	43.24	1.000	1.000	NO	58.68		0.891	58.68
79	96 PCB-127			NO	1.06	1.979	43.58		1.000		YES			0.851	
80	97 PCB-126	3.51e2	1.02	YES	1.17	1.979	45.55	45.53	1.000	1.000	NO	1.457		0.855	1.210
81	98 PCB-155			NO	1.04	1.979	37.02		1.000		YES			0.383	
82	99 PCB-150			NO	1.08	1.979	38.34		1.036		YES			0.369	
83	1... PCB-152			NO	1.19	1.979	38.83		1.049		YES			0.337	
84	1... PCB-145			NO	1.19	1.979	39.28		1.062		YES			0.336	
85	1... PCB-136	5.63e3	1.20	NO	1.02	1.979	39.63	39.62	1.071	1.071	NO	42.01		0.392	42.01
86	1... PCB-148			NO	0.842	1.979	39.74		1.074		YES			0.475	
87	1... PCB-154	1.08e3	1.72	YES	0.919	1.979	40.24	40.22	1.088	1.087	NO	8.930		0.435	7.366
88	1... PCB-151	7.35e3	1.33	NO	0.787	1.979	40.91	40.89	1.106	1.105	NO	71.18		0.508	71.18
89	1... PCB-135	3.85e3	1.39	NO	0.922	1.979	41.13	41.11	1.112	1.111	NO	31.77		0.434	31.77
90	1... PCB-144	1.28e3	1.05	YES	0.789	1.979	41.23	41.22	1.114	1.114	NO	12.26		0.507	11.47
91	1... PCB-147	6.55e2	1.61	YES	0.834	1.979	41.38	41.35	1.118	1.118	NO	5.978		0.479	5.134
92	1... PCB-139/149	2.67e4	1.22	NO	0.948	1.979	41.64	41.62	1.125	1.125	NO	214.8		0.422	214.8
93	1... PCB-140	3.59e2	1.61	YES	0.794	1.979	41.88	41.80	1.132	1.130	NO	3.42		0.504	2.952
94	1... PCB-134/143	1.75e3	1.32	NO	0.759	1.979	42.29	42.29	0.975	0.975	NO	13.03		0.974	13.03
95	1... PCB-131/133	1.52e3	1.13	NO	0.821	1.979	42.59	42.60	0.982	0.982	NO	10.48		0.901	10.48
96	1... PCB-142			NO	0.754	1.979	42.74		0.985		YES			0.980	
97	1... PCB-146/165	8.92e3	1.32	NO	1.02	1.979	42.97	42.99	0.990	0.991	NO	49.53		0.727	49.53
98	1... PCB-132/161	1.16e4	1.25	NO	1.02	1.979	43.22	43.26	0.996	0.997	NO	63.83		0.722	63.83
99	1... PCB-153	5.21e4	1.22	NO	1.07	1.979	43.41	43.41	1.000	1.000	NO	274.8		0.691	274.8
100	1... PCB-168			NO	1.08	1.979	43.64		1.006		YES			0.686	
101	1... PCB-141	7.69e3	1.28	NO	1.03	1.979	44.17	44.17	1.000	1.000	NO	51.09		0.861	51.09
102	1... PCB-137	1.31e3	1.29	NO	1.11	1.979	44.56	44.57	1.009	1.009	NO	8.052		0.796	8.052
103	1... PCB-130	2.70e3	1.34	NO	0.885	1.979	44.68	44.68	1.012	1.012	NO	20.80		0.998	20.80
104	1... PCB-138/163/164	5.27e4	1.24	NO	1.28	1.979	45.06	45.06	1.001	1.001	NO	268.1		0.652	268.1

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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	w/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-158/160	4.78e3	1.28	NO	1.24	1.979	45.30	45.29	1.006	1.006	NO	25.16		0.675	25.16
106	1... PCB-129	1.13e3	1.48	YES	0.867	1.979	45.55	45.57	1.012	1.012	NO	8.503		0.965	7.665
107	1... PCB-166			NO	1.14	1.979	46.03		0.993		YES			0.631	
108	1... PCB-159			NO	1.22	1.979	46.37		1.000		YES			0.593	
109	1... PCB-128/162	6.58e3	1.31	NO	0.907	1.979	46.68	46.65	1.007	1.007	NO	37.67		0.795	37.67
110	1... PCB-167	2.14e3	1.31	NO	1.11	1.979	47.09	47.09	1.000	1.000	NO	10.14		0.615	10.14
111	1... PCB-156	5.00e3	1.24	NO	1.13	1.979	48.39	48.39	1.000	1.000	NO	23.52		0.608	23.52
112	1... PCB-157	1.04e3	1.48	YES	1.04	1.979	48.68	48.66	1.000	1.000	NO	5.286		0.550	4.775
113	1... PCB-169			NO	1.16	1.979	50.95		1.000		YES			0.600	
114	1... PCB-188			NO	1.29	1.979	43.03		1.001		YES			0.544	
115	1... PCB-184			NO	1.23	1.979	43.46		1.011		YES			0.570	
116	1... PCB-179	8.19e3	0.96	NO	1.30	1.979	44.29	44.28	1.030	1.030	NO	42.35		0.540	42.35
117	1... PCB-176	2.13e3	1.16	NO	1.31	1.979	44.75	44.77	1.041	1.041	NO	10.91		0.536	10.91
118	1... PCB-186			NO	1.33	1.979	45.38		1.056		YES			0.528	
119	1... PCB-178	2.77e3	1.24	YES	0.943	1.979	45.89	45.91	1.067	1.068	NO	19.70		0.744	18.02
120	1... PCB-175	4.64e2	0.94	NO	0.956	1.979	46.25	46.27	1.076	1.076	NO	3.260		0.734	3.260
121	1... PCB-182/187	1.92e4	1.07	NO	1.07	1.979	46.45	46.44	1.081	1.080	NO	121.1		0.658	121.1
122	1... PCB-183	8.00e3	1.11	NO	1.02	1.979	46.76	46.78	1.088	1.088	NO	52.54		0.686	52.54
123	1... PCB-185	1.51e3	1.03	NO	1.41	1.979	47.44	47.46	0.955	0.955	NO	10.28		0.706	10.28
124	1... PCB-174	9.73e3	1.08	NO	1.35	1.979	47.84	47.84	0.963	0.963	NO	68.99		0.733	68.99
125	1... PCB-181			NO	1.47	1.979	47.94		0.965		YES			0.673	
126	1... PCB-177	7.50e3	1.08	NO	1.28	1.979	48.11	48.11	0.968	0.968	NO	56.32		0.776	56.32
127	1... PCB-171	3.51e3	1.08	NO	1.32	1.979	48.41	48.41	0.974	0.974	NO	25.62		0.754	25.62
128	1... PCB-173			NO	1.19	1.979	48.84		0.983		YES			0.834	
129	1... PCB-172	2.17e3	1.07	NO	1.38	1.979	49.32	49.30	0.992	0.992	NO	15.17		0.721	15.17
130	1... PCB-192			NO	1.83	1.979	49.51		0.996		YES			0.543	
131	1... PCB-180	2.98e4	1.07	NO	1.41	1.979	49.72	49.72	1.000	1.000	NO	202.8		0.703	202.8
132	1... PCB-193	2.03e3	1.09	NO	1.68	1.979	49.94	49.95	1.005	1.005	NO	11.64		0.592	11.64
133	1... PCB-191	6.69e2	1.29	YES	1.71	1.979	50.21	50.21	1.010	1.010	NO	3.753		0.580	3.360
134	1... PCB-170	1.10e4	1.03	NO	1.40	1.979	51.39	51.39	1.000	1.000	NO	84.83		0.799	84.83
135	1... PCB-190	2.94e3	1.10	NO	1.85	1.979	51.60	51.60	1.005	1.004	NO	17.22		0.604	17.22
136	1... PCB-189	5.21e2	0.89	YES	1.45	1.979	53.11	53.11	1.000	1.000	NO	2.997		0.523	2.756
137	1... PCB-202	2.22e3	0.93	NO	1.17	1.979	48.64	48.62	1.001	1.000	NO	14.23		0.662	14.23
138	1... PCB-201	1.35e3	0.83	NO	1.05	1.979	49.13	49.11	1.011	1.011	NO	9.593		0.734	9.593
139	1... PCB-204			NO	1.14	1.979	49.28		1.014		YES			0.677	
140	1... PCB-197	3.47e2	0.95	NO	1.13	1.979	49.60	49.59	1.021	1.020	NO	2.296		0.682	2.296

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-7.qld

Last Altered: Wednesday, September 30, 2020 11:37:19 Pacific Daylight Time
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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-200	1.09e3	1.03	YES	1.07	1.979	50.54	50.51	1.040	1.039	NO	7.609		0.722	7.092
142	1... PCB-198	2.48e2	1.05	YES	0.794	1.979	52.08	52.13	1.072	1.073	NO	2.327		0.974	2.156
143	1... PCB-199	5.47e3	0.81	NO	0.809	1.979	52.22	52.22	1.074	1.074	NO	50.65		0.955	50.65
144	1... PCB-196/203	6.84e3	0.98	NO	0.838	1.979	52.52	52.50	1.081	1.080	NO	61.12		0.922	61.12
145	1... PCB-195	2.73e3	0.87	NO	1.04	1.979	53.82	53.80	0.984	0.983	NO	21.84		0.652	21.84
146	1... PCB-194	6.10e3	0.90	NO	1.12	1.979	54.72	54.72	1.000	1.000	NO	45.65		0.610	45.65
147	1... PCB-205	3.74e2	0.65	YES	1.29	1.979	55.00	55.00	1.005	1.005	NO	2.418		0.528	2.014
148	1... PCB-208	1.82e3	1.35	NO	0.933	1.979	53.96	53.96	1.000	1.000	NO	13.21		0.614	13.21
149	1... PCB-207	7.86e2	1.20	NO	0.916	1.979	54.30	54.28	1.007	1.006	NO	5.796		0.625	5.796
150	1... PCB-206	3.54e3	1.29	NO	1.01	1.979	56.26	56.24	1.000	1.000	NO	37.22		0.905	37.22
151	1... PCB-209	3.67e3	1.20	NO	0.986	1.979	57.47	57.49	1.000	1.000	NO	40.65		0.295	40.65
152	1... 13C-PCB-1	1.39e6	3.06	NO	0.893	1.979	15.61	15.56	0.608	0.606	NO	19030	377	18.7	
153	1... 13C-PCB-3	1.50e6	3.09	NO	0.911	1.979	18.27	18.21	0.712	0.710	NO	20080	397	18.3	
154	1... 13C-PCB-4	1.04e6	1.60	NO	0.600	1.979	19.63	19.56	0.765	0.762	YES	21100	418	5.87	
155	1... 13C-PCB-9	1.70e6	1.60	NO	0.970	1.979	21.47	21.38	0.837	0.833	YES	21410	424	3.63	
156	1... 13C-PCB-11	1.75e6	1.58	NO	0.962	1.979	24.94	24.96	0.972	0.973	NO	22290	441	3.66	
157	1... 13C-PCB-19	8.49e5	1.06	NO	0.499	1.979	23.89	23.80	0.931	0.927	YES	20780	411	66.5	
158	1... 13C-PCB-32	1.29e6	1.04	NO	0.744	1.979	26.79	26.79	1.044	1.044	NO	21110	418	44.6	
159	1... 13C-PCB-28	1.68e6	1.06	NO	1.06	1.979	28.77	28.79	1.003	1.004	NO	4199	83.1	12.3	
160	1... 13C-PCB-37	1.54e6	1.01	NO	0.989	1.979	32.77	32.78	1.143	1.143	NO	4143	82.0	13.2	
161	1... 13C-PCB-54	1.10e6	0.81	NO	0.999	1.979	27.63	27.64	0.753	0.753	NO	3844	76.1	2.93	
162	1... 13C-PCB-52	9.27e5	0.79	NO	0.804	1.979	31.26	31.29	0.852	0.852	NO	4014	79.4	3.65	
163	1... 13C-PCB-47	1.00e6	0.79	NO	0.857	1.979	31.78	31.81	0.866	0.867	NO	4073	80.6	3.42	
164	1... 13C-PCB-70	1.10e6	0.80	NO	0.996	1.979	35.43	35.42	0.965	0.965	NO	3857	76.3	2.94	
165	1... 13C-PCB-80	1.21e6	0.81	NO	1.03	1.979	35.87	35.87	0.977	0.977	NO	4117	81.5	2.85	
166	1... 13C-PCB-81	1.19e6	0.80	NO	0.988	1.979	39.06	39.07	1.064	1.064	NO	4180	82.7	2.97	
167	1... 13C-PCB-77	1.17e6	0.82	NO	0.969	1.979	39.67	39.68	1.081	1.081	NO	4194	83.0	3.03	
168	1... 13C-PCB-104	8.87e5	1.60	NO	1.02	1.979	32.46	32.48	0.827	0.827	NO	4095	81.0	1.78	
169	1... 13C-PCB-95	7.00e5	1.62	NO	0.805	1.979	35.74	35.74	0.910	0.910	NO	4079	80.7	2.25	
170	1... 13C-PCB-101	6.88e5	1.61	NO	0.793	1.979	37.49	37.47	0.955	0.954	NO	4075	80.6	2.29	
171	1... 13C-PCB-97	6.14e5	1.64	NO	0.696	1.979	38.83	38.82	0.989	0.989	NO	4139	81.9	2.60	
172	1... 13C-PCB-123	8.54e5	1.63	NO	0.933	1.979	41.47	41.47	1.056	1.056	NO	4297	85.0	1.94	
173	1... 13C-PCB-118	8.91e5	1.64	NO	0.986	1.979	41.66	41.65	1.061	1.061	NO	4241	83.9	1.84	
174	1... 13C-PCB-114	1.03e6	1.60	NO	1.55	1.979	42.33	42.33	0.908	0.908	NO	4202	83.2	3.05	
175	1... 13C-PCB-105	1.07e6	1.57	NO	1.57	1.979	43.22	43.22	0.927	0.927	NO	4258	84.3	3.00	
176	1... 13C-PCB-127	1.10e6	1.59	NO	1.62	1.979	43.56	43.56	0.934	0.934	NO	4257	84.2	2.90	

Handwritten annotations: A vertical line with a circle at the top and an arrow at the bottom, spanning rows 152 to 166. An asterisk (*) is located to the right of row 156.

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-7.qld

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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-126	1.04e6	1.58	NO	1.57	1.979	45.54	45.53	0.976	0.976	NO	4162	82.4	3.00	
178	1... 13C-PCB-155	6.63e5	1.29	NO	0.615	1.979	36.99	37.00	0.942	0.942	NO	5067	100	0.984	
179	1... 13C-PCB-153	8.96e5	1.28	NO	1.36	1.979	43.39	43.39	0.930	0.931	NO	4123	81.6	3.18	
180	1... 13C-PCB-141	7.41e5	1.27	NO	1.13	1.979	44.15	44.15	0.947	0.947	NO	4128	81.7	3.85	
181	1... 13C-PCB-138	7.74e5	1.27	NO	1.18	1.979	45.02	45.02	0.965	0.965	NO	4103	81.2	3.66	
182	1... 13C-PCB-159	9.72e5	1.28	NO	1.44	1.979	46.34	46.35	0.994	0.994	NO	4244	84.0	3.01	
183	2... 13C-PCB-167	9.61e5	1.28	NO	1.44	1.979	47.05	47.07	1.009	1.009	NO	4193	83.0	3.01	
184	2... 13C-PCB-156	9.53e5	1.30	NO	1.40	1.979	48.37	48.37	1.037	1.037	NO	4289	84.9	3.11	
185	2... 13C-PCB-157	9.62e5	1.28	NO	1.40	1.979	48.66	48.66	1.043	1.043	NO	4326	85.6	3.11	
186	2... 13C-PCB-169	9.46e5	1.26	NO	1.33	1.979	50.93	50.93	1.092	1.092	NO	4467	88.4	3.26	
187	2... 13C-PCB-188	7.52e5	0.46	NO	1.41	1.979	43.01	42.99	0.926	0.926	NO	4244	84.0	2.43	
188	2... 13C-PCB-180	5.27e5	0.45	NO	0.929	1.979	49.70	49.70	1.070	1.070	NO	4508	89.2	3.69	
189	2... 13C-PCB-170	4.66e5	0.46	NO	0.794	1.979	51.36	51.37	1.106	1.106	NO	4664	92.3	4.31	
190	2... 13C-PCB-189	6.05e5	0.46	NO	1.04	1.979	53.09	53.09	1.143	1.143	NO	4604	91.1	3.28	
191	2... 13C-PCB-202	6.74e5	0.93	NO	1.04	1.979	48.60	48.60	1.046	1.046	NO	5178	102	2.68	
192	2... 13C-PCB-194	6.06e5	0.91	NO	0.768	1.979	54.71	54.71	0.995	0.995	NO	4039	79.9	7.05	
193	2... 13C-PCB-208	7.48e5	0.79	NO	0.991	1.979	53.95	53.95	0.981	0.981	NO	3865	76.5	3.24	
194	2... 13C-PCB-206	4.78e5	0.80	NO	0.552	1.979	56.25	56.24	1.023	1.023	NO	4429	87.7	5.81	
195	2... 13C-PCB-209	4.63e5	1.20	NO	0.396	1.979	57.49	57.47	1.046	1.045	NO	5979	118	1.95	
196	2... 13C-PCB-15	4.14e5	1.60	NO	1.00	1.979	25.54	25.66	1.000	0.000	YES <i>OK</i>	5053	100	3.52	
197	2... 13C-PCB-31	1.90e6	1.04	NO	1.00	1.979	28.69	28.68	1.000	0.000	NO	5053	100	13.1	
198	2... 13C-PCB-60	1.45e6	0.80	NO	1.00	1.979	36.71	36.70	1.000	0.000	NO	5053	100	2.93	
199	2... 13C-PCB-111	1.08e6	1.62	NO	1.00	1.979	39.27	39.27	1.000	0.000	NO	5053	100	1.81	
200	2... 13C-PCB-128	8.04e5	1.25	NO	1.00	1.979	46.64	46.63	1.000	0.000	NO	5053	100	4.34	
201	2... 13C-PCB-182	6.35e5	0.48	NO	1.00	1.979	46.45	46.44	0.000	0.000	NO	5053	100	3.42	
202	2... 13C-PCB-205	9.87e5	0.90	NO	1.00	1.979	54.99	54.99	1.000	0.000	NO	5053	100	5.42	
203	2... 13C-PCB-79	1.36e6	0.80	NO	1.07	1.979	37.80	37.80	1.030	1.030	NO	4426	87.6	2.74	
204	2... 13C-PCB-178	5.51e5	0.45	NO	0.766	1.979	45.89	45.89	0.988	0.988	NO	4514	89.3	3.45	
205	2... 13C-PCB-79	1.36e6	0.80	NO	1.08	1.979	37.80	37.80	0.968	0.968	NO	5350	106	3.51	
206	2... 13C-PCB-178	5.51e5	0.45	NO	1.05	1.979	45.89	45.89	0.923	0.923	NO	5028	99.5	3.69	
207	2... Total Mono-PCBs				1.47	1.979	0.00	0.00	0.000	0.000	NO	36.89	1.87	36.99	
208	2... Total Di-PCBs				1.95	1.979	0.00	0.00	0.000	0.000	NO	07.9			
209	2... 2nd Function Tri-PCBs				1.98	1.979	0.00	0.00	0.000	0.000	NO	56.03	5.00	56.03	
210	2... 3rd Function Tri-PCBs				0.983	1.979	0.00	0.00	0.000	0.000	NO	211.1		13.2	226.8
211	2... Total Tetra-PCBs				1.08	1.979	0.00	0.00	0.000	0.000	NO	834.5		22.0	866.1
212	2... 3rd Function Penta-PCBs				1.32	1.979	0.00	0.00	0.000	0.000	NO	1122		22.5	1144

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-7.qld

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Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 4th Function Penta-PCBs				1.07	1.979	0.00		0.000		NO	61.79		4.48	66.29
214	2... 3rd Function Hexa-PCBs				0.951	1.979	0.00		0.000		NO	359.8		5.58	386.7
215	2... 4th Function Hexa-PCBs				1.03	1.979	0.00		0.000		NO	856.2	> 1216 -	15.1	868.6
216	2... Total Hepta-PCBs				1.36	1.979	0.00		0.000		NO	723.0		15.1	747.2
217	2... 4th Function Octa-PCBs				1.00	1.979	0.00		0.000		NO	137.9	> 205.4 -	6.33	147.1
218	2... 5th Function Octa-PCBs				1.15	1.979	0.00		0.000		NO	67.50		1.79	69.51
219	2... Total Nona-PCBs				0.952	1.979	0.00		0.000		NO	56.23		2.14	56.23
220	2... Deca-CB				0.986	1.979	0.00		0.000		NO	40.65		0.295	40.65
221	2... Total PCBs														

Penta-PCBs (B) 1193.79 -

1210.29 -

1255.3 -
7216.61 -

Vista Analytical Laboratory

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Method: Untitled 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

Total Mono-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-1	15.57	15.58	3.709e4	9.897e3	2.610e3	7.795e2	3.35	NO	3.390e3	10.535	10.535	0.725
2 PCB-2	18.00	18.00	6.291e4	2.012e4	3.956e3	1.293e3	3.06	NO	5.249e3	14.976	14.976	0.611
3 PCB-3	18.22	18.24	4.679e4	1.473e4	2.931e3	9.745e2	3.01	NO	3.906e3	11.477	11.477	0.629

Total Di-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1												

2nd Function Tri-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-19	23.83	23.83	1.324e4	1.452e4	9.522e2	1.021e3	0.93	NO	1.973e3	10.623	10.623	1.10
2 PCB-17	25.69	25.71	2.686e4	2.520e4	1.301e3	1.342e3	0.97	NO	2.642e3	13.696	13.696	0.961
3 PCB-24/27	26.28	26.25	9.367e3	7.858e3	5.129e2	5.635e2	0.91	NO	1.076e3	3.9101	3.9101	0.674
4 PCB-16/32	26.81	26.79	3.181e4	3.523e4	3.235e3	3.310e3	0.98	NO	6.545e3	27.799	27.799	0.788

3rd Function Tri-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-26	28.17	28.18	2.520e4	2.498e4	1.656e3	1.882e3	0.88	YES	3.539e3	0.00000	10.363	0.927
2 PCB-25	28.34	28.35	1.562e4	1.093e4	1.063e3	8.317e2	1.28	YES	1.894e3	0.00000	5.3772	0.922
3 PCB-31	28.71	28.70	1.289e5	1.296e5	9.878e3	9.562e3	1.03	NO	1.944e4	56.476	56.476	0.845
4 PCB-28	28.81	28.81	1.727e5	1.682e5	1.306e4	1.282e4	1.02	NO	2.588e4	76.014	76.014	0.854
5 PCB-20/21/33	29.45	29.48	6.598e4	6.099e4	5.278e3	5.090e3	1.04	NO	1.037e4	33.163	33.163	0.930
6 PCB-22	29.91	29.91	4.409e4	4.060e4	3.390e3	3.223e3	1.05	NO	6.613e3	20.464	20.464	0.900
7 PCB-37	32.80	32.79	4.830e4	4.873e4	3.799e3	3.876e3	0.98	NO	7.675e3	24.976	24.976	1.00

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ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

Total Tetra-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.66	27.66	3.143e3	4.977e3	2.189e2	4.114e2	0.53	YES	6.303e2	0.00000	2.1354	0.591
2	PCB-53	29.54	29.52	2.185e4	2.957e4	1.681e3	2.110e3	0.80	NO	3.791e3	20.740	20.740	0.801
3	PCB-51	29.90	29.87	9.115e3	1.345e4	6.880e2	1.102e3	0.62	YES	1.790e3	0.00000	8.0973	0.749
4	PCB-45	30.34	30.32	1.098e4	1.179e4	9.791e2	9.198e2	1.06	YES	1.899e3	0.00000	10.343	0.930
5	PCB-46	30.85	30.82	4.854e3	4.874e3	4.079e2	3.706e2	1.10	YES	7.785e2	0.00000	4.3067	0.961
6	PCB-52/69	31.33	31.31	1.474e5	1.869e5	1.152e4	1.454e4	0.79	NO	2.607e4	121.86	121.86	0.684
7	PCB-43/49	31.61	31.62	9.163e4	1.144e5	7.611e3	9.304e3	0.82	NO	1.691e4	90.779	90.779	0.786
8	PCB-47	31.83	31.85	4.778e4	5.695e4	4.014e3	4.861e3	0.83	NO	8.875e3	48.539	48.539	0.860
9	PCB-48/75	31.94	31.98	1.978e4	2.641e4	1.458e3	2.028e3	0.72	NO	3.486e3	15.689	15.689	0.708
10	PCB-44	32.67	32.65	7.971e4	1.047e5	5.961e3	7.817e3	0.76	NO	1.378e4	84.290	84.290	0.962
11	PCB-42/59	32.87	32.87	3.361e4	3.924e4	2.652e3	3.156e3	0.84	NO	5.808e3	27.897	27.897	0.756
12	PCB-41/64/71/72	33.50	33.48	8.443e4	1.114e5	7.100e3	9.653e3	0.74	NO	1.675e4	71.136	71.136	0.668
13	PCB-68	33.77	33.76	2.620e3	3.563e3	2.081e2	2.921e2	0.71	NO	5.002e2	1.9737	1.9737	0.621
14	PCB-40	33.99	33.97	8.673e3	1.247e4	7.110e2	9.530e2	0.75	NO	1.664e3	13.935	13.935	1.32
15	PCB-67	34.64	34.69	3.663e3	4.540e3	2.593e2	3.276e2	0.79	NO	5.869e2	2.4817	2.4817	0.608
16	PCB-63	34.92	34.95	6.160e3	7.131e3	5.578e2	5.337e2	1.05	YES	1.091e3	0.00000	4.0395	0.615
17	PCB-74	35.22	35.23	5.815e4	6.866e4	4.249e3	5.062e3	0.84	NO	9.311e3	36.015	36.015	0.556
18	PCB-61/70	35.44	35.46	1.686e5	2.102e5	1.337e4	1.650e4	0.81	NO	2.987e4	129.89	129.89	0.625
19	PCB-76/66	35.63	35.66	1.415e5	1.895e5	1.145e4	1.480e4	0.77	NO	2.625e4	103.35	103.35	0.566
20	PCB-56/60	36.72	36.72	7.077e4	9.581e4	5.900e3	7.562e3	0.78	NO	1.346e4	55.010	55.010	0.597
21	PCB-79	37.82	37.84	3.662e3	7.222e3	3.118e2	6.132e2	0.51	YES	9.251e2	0.00000	2.6190	0.534
22	PCB-77	39.70	39.70	1.760e4	2.016e4	1.327e3	1.546e3	0.86	NO	2.873e3	10.951	10.951	0.575

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3rd Function Penta-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-96	33.82	33.80	2.779e3	2.490e3	2.593e2	2.391e2	1.08	YES	4.984e2	0.00000	2.1016	0.671
2 PCB-103	34.38	34.38	5.911e3	2.736e3	5.420e2	2.222e2	2.44	YES	7.642e2	0.00000	3.4615	0.827
3 PCB-100	34.74	34.77	5.171e3	2.842e3	3.515e2	2.584e2	1.36	NO	6.099e2	3.6450	3.6450	0.812
4 PCB-94	35.21	35.20	2.879e3	2.397e3	2.315e2	1.600e2	1.45	NO	3.915e2	2.9794	2.9794	1.02
5 PCB-95/98/102	35.68	35.75	1.825e5	1.145e5	1.480e4	9.582e3	1.54	NO	2.438e4	146.19	146.19	0.805
6 PCB-88/91	36.16	36.18	4.014e4	2.243e4	3.068e3	1.831e3	1.68	NO	4.899e3	33.225	33.225	0.911
7 PCB-84/92	37.09	37.11	8.559e4	5.893e4	6.929e3	4.904e3	1.41	NO	1.183e4	85.384	85.384	1.00
8 PCB-90/101	37.48	37.50	2.799e5	1.656e5	2.166e4	1.293e4	1.68	NO	3.459e4	226.26	226.26	0.910
9 PCB-99	37.81	37.84	1.227e5	7.686e4	9.545e3	6.390e3	1.49	NO	1.593e4	88.582	88.582	0.773
10 PCB-119	38.32	38.30	1.327e4	8.843e3	1.032e3	6.269e2	1.65	NO	1.659e3	7.5650	7.5650	0.634
11 PCB-108/112	38.48	38.49	1.026e4	6.053e3	8.160e2	4.505e2	1.81	YES	1.267e3	0.00000	6.5697	0.791
12 PCB-97	38.84	38.84	5.998e4	4.548e4	4.762e3	3.278e3	1.45	NO	8.040e3	51.617	51.617	0.892
13 PCB-87/117/125	39.13	39.14	8.239e4	4.488e4	6.349e3	3.759e3	1.69	NO	1.011e4	53.367	53.367	0.734
14 PCB-111/115	39.29	39.29	4.398e3	2.636e3	2.296e2	1.780e2	1.29	YES	4.077e2	0.00000	1.6235	0.599
15 PCB-85/116	39.42	39.40	3.281e4	2.539e4	2.716e3	1.909e3	1.42	NO	4.625e3	26.984	26.984	0.811
16 PCB-110	39.83	39.81	3.433e5	2.160e5	2.653e4	1.651e4	1.61	NO	4.304e4	203.29	203.29	0.656
17 PCB-82	40.47	40.46	2.071e4	1.085e4	1.494e3	8.681e2	1.72	NO	2.362e3	17.892	17.892	1.05
18 PCB-124	41.17	41.17	1.235e4	7.029e3	1.194e3	5.796e2	2.06	YES	1.774e3	0.00000	6.2863	0.589
19 PCB-107/109	41.32	41.34	2.278e4	1.755e4	1.824e3	1.318e3	1.38	NO	3.143e3	13.861	13.861	0.613
20 PCB-123	41.49	41.49	5.302e3	2.663e3	3.714e2	2.018e2	1.84	YES	5.731e2	0.00000	2.5521	0.687
21 PCB-106/118	41.69	41.67	2.614e5	1.715e5	2.084e4	1.377e4	1.51	NO	3.461e4	161.06	161.06	0.633

4th Function Penta-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-114	42.35	42.33	4.985e3	4.168e3	4.678e2	3.728e2	1.25	YES	8.406e2	0.00000	3.2868	0.854
2 PCB-122	42.50	42.48	5.593e3	3.644e3	3.730e2	2.289e2	1.63	NO	6.019e2	3.1141	3.1141	1.03
3 PCB-105	43.24	43.24	9.429e4	6.614e4	7.619e3	5.382e3	1.42	NO	1.300e4	58.676	58.676	0.891
4 PCB-126	45.55	45.53	2.344e3	2.261e3	1.776e2	1.734e2	1.02	YES	3.510e2	0.00000	1.2101	0.855

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3rd Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-136	39.63	39.62	3.790e4	2.925e4	3.070e3	2.559e3	1.20	NO	5.629e3	42.006	42.006	0.392
2	PCB-154	40.24	40.22	8.417e3	4.201e3	6.807e2	3.967e2	1.72	YES	1.077e3	0.00000	7.3657	0.435
3	PCB-151	40.91	40.89	5.799e4	4.222e4	4.191e3	3.158e3	1.33	NO	7.349e3	71.178	71.178	0.508
4	PCB-135	41.13	41.11	2.846e4	2.037e4	2.234e3	1.612e3	1.39	NO	3.847e3	31.771	31.771	0.434
5	PCB-144	41.23	41.22	9.729e3	8.142e3	6.573e2	6.248e2	1.05	YES	1.282e3	0.00000	11.465	0.507
6	PCB-147	41.38	41.35	5.950e3	3.657e3	4.038e2	2.511e2	1.61	YES	6.549e2	0.00000	5.1340	0.479
7	PCB-139/149	41.64	41.62	1.831e5	1.564e5	1.467e4	1.206e4	1.22	NO	2.673e4	214.82	214.82	0.422
8	PCB-140	41.88	41.80	3.084e3	1.653e3	2.213e2	1.373e2	1.61	YES	3.586e2	0.00000	2.9522	0.504

4th Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.29	42.29	1.321e4	8.688e3	9.975e2	7.553e2	1.32	NO	1.753e3	13.032	13.032	0.974
2	PCB-131/133	42.59	42.60	9.409e3	8.506e3	8.095e2	7.152e2	1.13	NO	1.525e3	10.482	10.482	0.901
3	PCB-146/165	42.97	42.99	6.747e4	4.922e4	5.077e3	3.847e3	1.32	NO	8.924e3	49.531	49.531	0.727
4	PCB-132/161	43.22	43.26	8.414e4	6.815e4	6.445e3	5.139e3	1.25	NO	1.158e4	63.826	63.826	0.722
5	PCB-153	43.41	43.41	3.586e5	2.901e5	2.868e4	2.345e4	1.22	NO	5.213e4	274.79	274.79	0.691
6	PCB-141	44.17	44.17	5.337e4	4.083e4	4.319e3	3.371e3	1.28	NO	7.690e3	51.094	51.094	0.861
7	PCB-137	44.56	44.57	1.052e4	8.136e3	7.395e2	5.713e2	1.29	NO	1.311e3	8.0520	8.0520	0.796
8	PCB-130	44.68	44.68	1.706e4	1.411e4	1.547e3	1.152e3	1.34	NO	2.699e3	20.795	20.795	0.998
9	PCB-138/163/164	45.06	45.06	3.082e5	2.508e5	2.914e4	2.354e4	1.24	NO	5.268e4	268.10	268.10	0.652
10	PCB-158/160	45.30	45.29	3.490e4	2.707e4	2.678e3	2.098e3	1.28	NO	4.776e3	25.160	25.160	0.675
11	PCB-129	45.55	45.57	8.633e3	5.634e3	6.742e2	4.540e2	1.48	YES	1.128e3	0.00000	7.6651	0.965
12	PCB-128/162	46.68	46.65	4.161e4	3.377e4	3.735e3	2.841e3	1.31	NO	6.576e3	37.665	37.665	0.795
13	PCB-167	47.09	47.09	1.467e4	1.154e4	1.211e3	9.263e2	1.31	NO	2.137e3	10.136	10.136	0.615
14	PCB-156	48.39	48.39	3.521e4	2.901e4	2.769e3	2.228e3	1.24	NO	4.996e3	23.521	23.521	0.608
15	PCB-157	48.68	48.66	6.581e3	4.514e3	6.232e2	4.212e2	1.48	YES	1.044e3	0.00000	4.7753	0.650

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Total Hepta-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-179	44.29	44.28	5.034e4	5.176e4	4.015e3	4.170e3	0.96	NO	8.185e3	42.354	42.354	0.540
2 PCB-176	44.75	44.77	1.399e4	1.181e4	1.144e3	9.828e2	1.16	NO	2.127e3	10.915	10.915	0.536
3 PCB-178	45.89	45.91	1.819e4	1.495e4	1.532e3	1.234e3	1.24	YES	2.766e3	0.00000	18.017	0.744
4 PCB-175	46.25	46.27	2.763e3	3.709e3	2.244e2	2.396e2	0.94	NO	4.641e2	3.2597	3.2597	0.734
5 PCB-182/187	46.45	46.44	1.232e5	1.109e5	9.952e3	9.269e3	1.07	NO	1.922e4	121.10	121.10	0.658
6 PCB-183	46.76	46.78	5.528e4	4.733e4	4.217e3	3.784e3	1.11	NO	8.001e3	52.543	52.543	0.686
7 PCB-185	47.44	47.46	1.018e4	9.517e3	7.640e2	7.420e2	1.03	NO	1.506e3	10.281	10.281	0.706
8 PCB-174	47.84	47.84	5.853e4	5.518e4	5.061e3	4.671e3	1.08	NO	9.732e3	68.991	68.991	0.733
9 PCB-177	48.11	48.11	4.760e4	4.345e4	3.889e3	3.610e3	1.08	NO	7.499e3	56.322	56.322	0.776
10 PCB-171	48.41	48.41	2.277e4	2.169e4	1.828e3	1.686e3	1.08	NO	3.514e3	25.618	25.618	0.754
11 PCB-172	49.32	49.30	1.375e4	1.210e4	1.123e3	1.051e3	1.07	NO	2.174e3	15.171	15.171	0.721
12 PCB-180	49.72	49.72	1.956e5	1.760e5	1.540e4	1.443e4	1.07	NO	2.983e4	202.78	202.78	0.703
13 PCB-193	49.94	49.95	1.207e4	1.147e4	1.060e3	9.737e2	1.09	NO	2.034e3	11.639	11.639	0.592
14 PCB-191	50.21	50.21	3.894e3	3.162e3	3.768e2	2.921e2	1.29	YES	6.688e2	0.00000	3.3598	0.580
15 PCB-170	51.39	51.39	6.890e4	6.777e4	5.559e3	5.396e3	1.03	NO	1.095e4	84.834	84.834	0.799
16 PCB-190	51.60	51.60	1.875e4	1.713e4	1.542e3	1.396e3	1.10	NO	2.938e3	17.217	17.217	0.604
17 PCB-189	53.11	53.11	3.469e3	3.804e3	2.454e2	2.755e2	0.89	YES	5.209e2	0.00000	2.7564	0.523

4th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-202	48.64	48.62	1.220e4	1.544e4	1.068e3	1.151e3	0.93	NO	2.218e3	14.226	14.226	0.662
2 PCB-201	49.13	49.11	7.223e3	8.217e3	6.107e2	7.373e2	0.83	NO	1.348e3	9.5934	9.5934	0.734
3 PCB-197	49.60	49.59	2.725e3	1.955e3	1.690e2	1.781e2	0.95	NO	3.471e2	2.2959	2.2959	0.682
4 PCB-200	50.54	50.51	7.404e3	6.017e3	5.510e2	5.360e2	1.03	YES	1.087e3	0.00000	7.0916	0.722
5 PCB-198	52.08	52.13	1.884e3	1.754e3	1.267e2	1.208e2	1.05	YES	2.476e2	0.00000	2.1556	0.974
6 PCB-199	52.22	52.22	3.337e4	4.284e4	2.443e3	3.027e3	0.81	NO	5.470e3	50.646	50.646	0.955
7 PCB-196/203	52.52	52.50	4.229e4	4.997e4	3.377e3	3.461e3	0.98	NO	6.838e3	61.121	61.121	0.922

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5th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-195	53.82	53.80	2.076e4	2.440e4	1.268e3	1.466e3	0.87	NO	2.734e3	21.845	21.845	0.652
2 PCB-194	54.72	54.72	5.273e4	5.675e4	2.888e3	3.217e3	0.90	NO	6.105e3	45.652	45.652	0.610
3 PCB-205	55.00	55.00	2.563e3	4.702e3	1.465e2	2.270e2	0.65	YES	3.735e2	0.00000	2.0142	0.528

Total Nona-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-208	53.96	53.96	1.811e4	1.271e4	1.049e3	7.751e2	1.35	NO	1.824e3	13.211	13.211	0.614
2 PCB-207	54.30	54.28	6.861e3	5.857e3	4.284e2	3.574e2	1.20	NO	7.857e2	5.7963	5.7963	0.625
3 PCB-206	56.26	56.24	3.332e4	2.571e4	1.995e3	1.548e3	1.29	NO	3.543e3	37.220	37.220	0.905

Deca-CB

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-209	57.47	57.49	3.762e4	3.212e4	2.002e3	1.669e3	1.20	NO	3.671e3	40.645	40.645	0.295

Total PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1												

Total Mono-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 13C-PCB-1	15.61	15.56	1.507e7	4.807e6	1.049e6	3.424e5	3.06	NO	1.392e6	19030		18.7
2 13C-PCB-3	18.27	18.21	1.769e7	5.427e6	1.131e6	3.663e5	3.09	NO	1.498e6	20085		18.3

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Total Di-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-4	19.63	19.56	1.035e7	6.428e6	6.380e5	3.984e5	1.60	NO	1.036e6	21103		5.87
13C-PCB-9	21.47	21.38	1.704e7	1.059e7	1.045e6	6.540e5	1.60	NO	1.699e6	21412		3.63
13C-PCB-11	24.94	24.96	6.696e6	4.242e6	1.074e6	6.802e5	1.58	NO	1.754e6	22289		3.66
13C-PCB-15	25.54	25.66	6.863e6	4.297e6	2.544e5	1.592e5	1.60	NO	4.136e5	5053.3		3.52

2nd Function Tri-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-19	23.89	23.80	6.096e6	5.738e6	4.363e5	4.123e5	1.06	NO	8.486e5	20782		66.5
13C-PCB-32	26.79	26.79	1.008e7	9.686e6	6.566e5	6.290e5	1.04	NO	1.286e6	21108		44.6

3rd Function Tri-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-31	28.69	28.68	1.295e7	1.241e7	9.696e5	9.283e5	1.04	NO	1.898e6	5053.3		13.1
13C-PCB-28	28.77	28.79	1.134e7	1.062e7	8.653e5	8.132e5	1.06	NO	1.679e6	4199.2		12.3
13C-PCB-37	32.77	32.78	9.596e6	9.482e6	7.738e5	7.652e5	1.01	NO	1.539e6	4142.7		13.2

Tetra-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-54	27.63	27.64	6.651e6	8.111e6	4.926e5	6.100e5	0.81	NO	1.103e6	3844.1		2.93
13C-PCB-52	31.26	31.29	5.254e6	6.592e6	4.092e5	5.174e5	0.79	NO	9.266e5	4014.3		3.65
13C-PCB-47	31.78	31.81	5.274e6	6.724e6	4.414e5	5.608e5	0.79	NO	1.002e6	4073.0		3.42
13C-PCB-70	35.43	35.42	6.404e6	7.936e6	4.901e5	6.123e5	0.80	NO	1.102e6	3857.2		2.94
13C-PCB-80	35.87	35.87	6.977e6	8.586e6	5.421e5	6.727e5	0.81	NO	1.215e6	4116.6		2.85
13C-PCB-60	36.71	36.70	8.315e6	1.047e7	6.428e5	8.076e5	0.80	NO	1.450e6	5053.3		2.93
13C-PCB-79	37.80	37.80	7.645e6	9.452e6	6.042e5	7.538e5	0.80	NO	1.358e6	4426.0		2.74
13C-PCB-81	39.06	39.07	6.447e6	7.996e6	5.271e5	6.583e5	0.80	NO	1.185e6	4180.3		2.97
13C-PCB-77	39.67	39.68	6.565e6	7.942e6	5.267e5	6.394e5	0.82	NO	1.166e6	4194.0		3.03

Vista Analytical Laboratory

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Printed: Wednesday, September 30, 2020 11:40:32 Pacific Daylight Time

ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

3rd Function Penta-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.48	7.099e6	4.422e6	5.451e5	3.416e5	1.60	NO	8.867e5	4094.9		1.78
2	13C-PCB-95	35.74	35.74	5.706e6	3.527e6	4.331e5	2.666e5	1.62	NO	6.998e5	4079.4		2.25
3	13C-PCB-101	37.49	37.47	5.397e6	3.306e6	4.242e5	2.639e5	1.61	NO	6.881e5	4075.4		2.29
4	13C-PCB-97	38.83	38.82	4.858e6	2.912e6	3.815e5	2.325e5	1.64	NO	6.140e5	4138.5		2.60
5	13C-PCB-111	39.27	39.27	8.366e6	5.163e6	6.653e5	4.113e5	1.62	NO	1.077e6	5053.3		1.81
6	13C-PCB-123	41.47	41.47	6.732e6	4.117e6	5.291e5	3.248e5	1.63	NO	8.539e5	4296.5		1.94
7	13C-PCB-118	41.66	41.65	7.191e6	4.377e6	5.530e5	3.375e5	1.64	NO	8.906e5	4241.4		1.84

4th Function Penta-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.33	42.33	7.969e6	5.032e6	6.370e5	3.974e5	1.60	NO	1.034e6	4202.2		3.05
2	13C-PCB-105	43.22	43.22	8.228e6	5.223e6	6.506e5	4.150e5	1.57	NO	1.066e6	4258.3		3.00
3	13C-PCB-127	43.56	43.56	8.588e6	5.392e6	6.756e5	4.250e5	1.59	NO	1.101e6	4256.5		2.90
4	13C-PCB-126	45.54	45.53	7.698e6	4.968e6	6.352e5	4.033e5	1.58	NO	1.039e6	4162.0		3.00

4th Function Hexa-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	6.172e6	4.811e6	5.033e5	3.922e5	1.28	NO	8.955e5	4123.1		3.18
2	13C-PCB-141	44.15	44.15	5.148e6	4.048e6	4.151e5	3.258e5	1.27	NO	7.409e5	4127.8		3.85
3	13C-PCB-138	45.02	45.02	5.426e6	4.292e6	4.326e5	3.410e5	1.27	NO	7.736e5	4103.1		3.66
4	13C-PCB-159	46.34	46.35	6.321e6	4.925e6	5.461e5	4.261e5	1.28	NO	9.722e5	4244.2		3.01
5	13C-PCB-128	46.64	46.63	5.392e6	4.281e6	4.473e5	3.569e5	1.25	NO	8.042e5	5053.3		4.34
6	13C-PCB-167	47.05	47.07	6.687e6	5.234e6	5.399e5	4.211e5	1.28	NO	9.610e5	4193.1		3.01
7	13C-PCB-156	48.37	48.37	6.697e6	5.154e6	5.386e5	4.148e5	1.30	NO	9.534e5	4288.8		3.11
8	13C-PCB-157	48.66	48.66	6.747e6	5.276e6	5.392e5	4.225e5	1.28	NO	9.617e5	4325.8		3.11
9	13C-PCB-169	50.93	50.93	6.504e6	5.122e6	5.271e5	4.192e5	1.26	NO	9.463e5	4466.8		3.26

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ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

5th Function Octa-Isotopes

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-194	54.71	54.71	5.203e6	5.719e6	2.883e5	3.172e5	0.91	NO	6.055e5	4038.5		7.05
13C-PCB-205	54.99	54.99	8.196e6	9.204e6	4.666e5	5.200e5	0.90	NO	9.865e5	5053.3		5.42

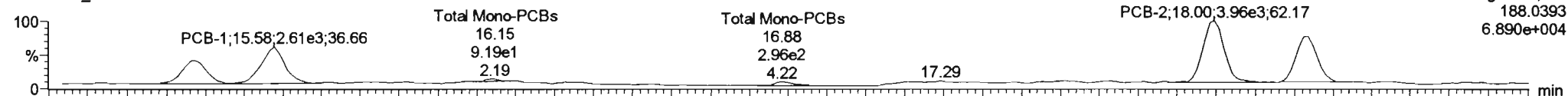
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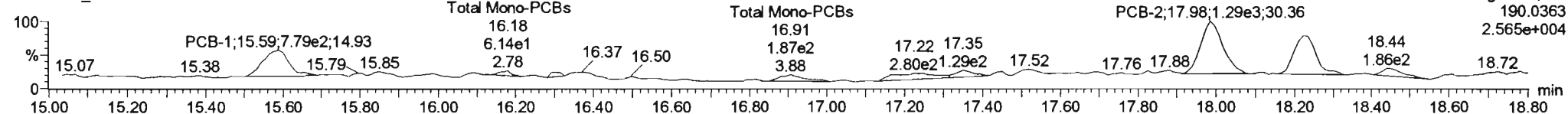
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PCB-1

200929K1_7



200929K1_7

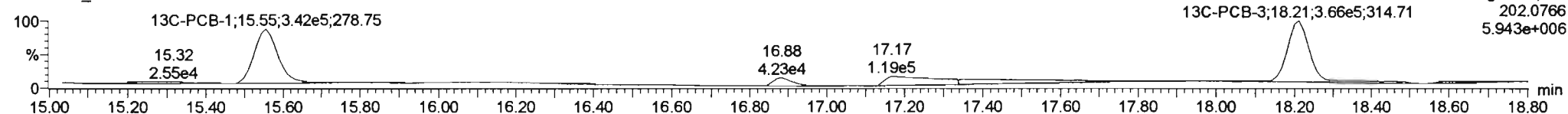


13C-PCB-1

200929K1_7

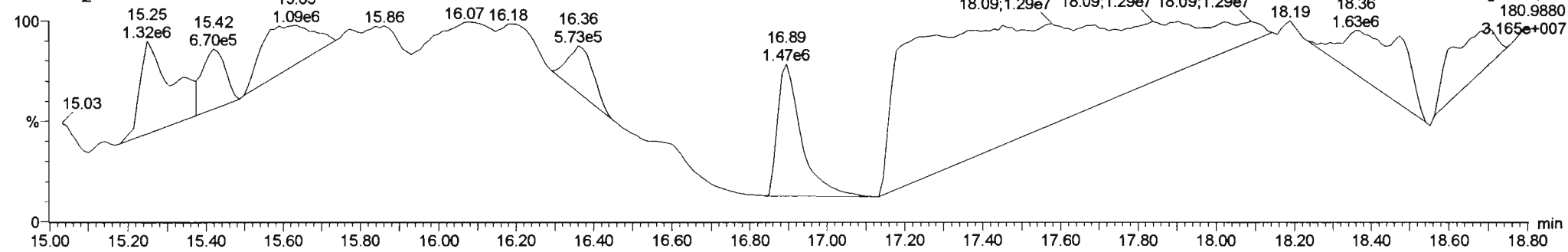


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PFK1

200929K1_7



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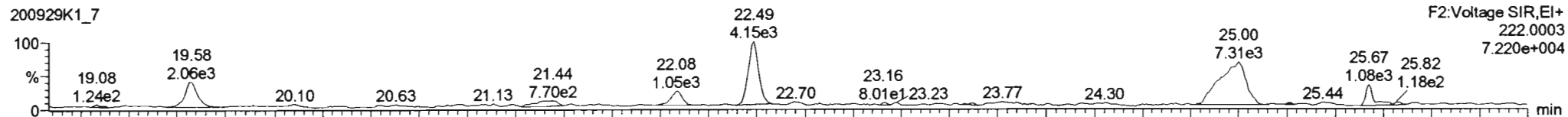
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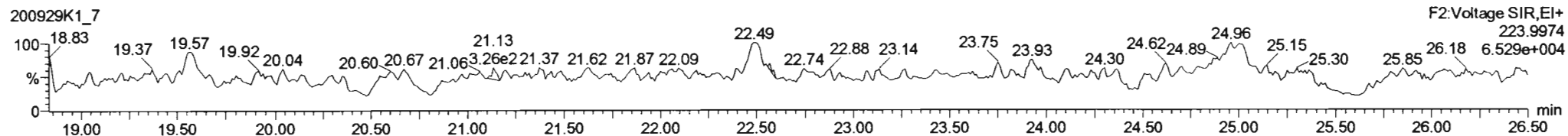
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PCB-4/10

200929K1_7

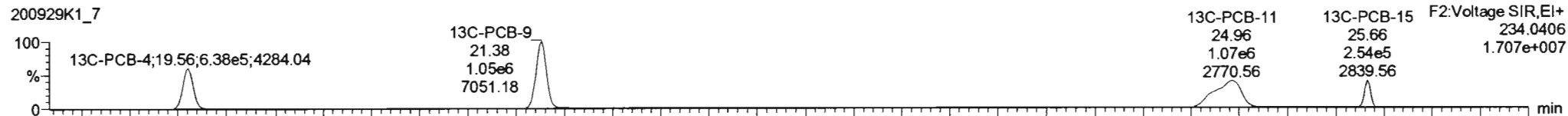


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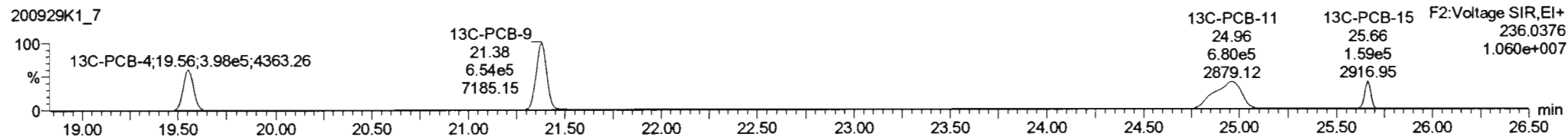


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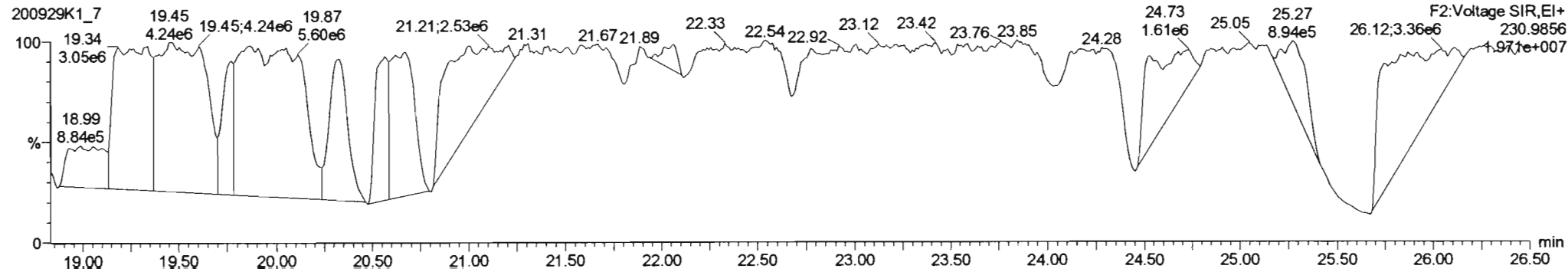


200929K1_7



PFK2a

200929K1_7

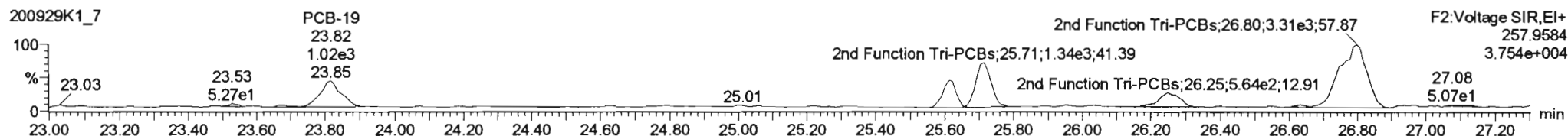
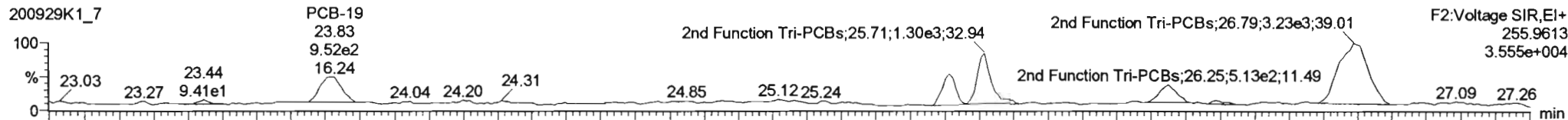


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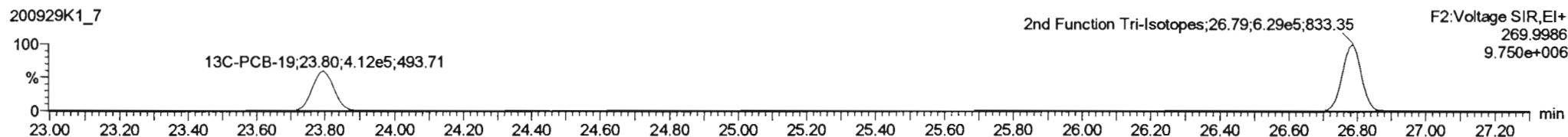
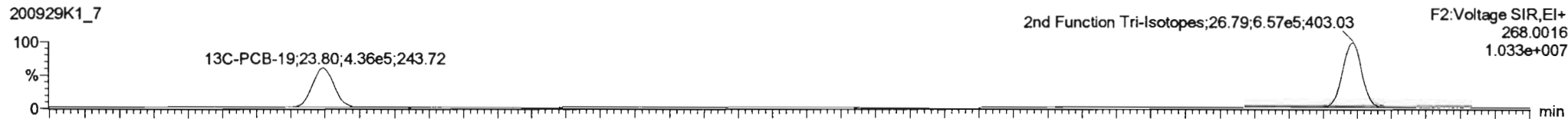
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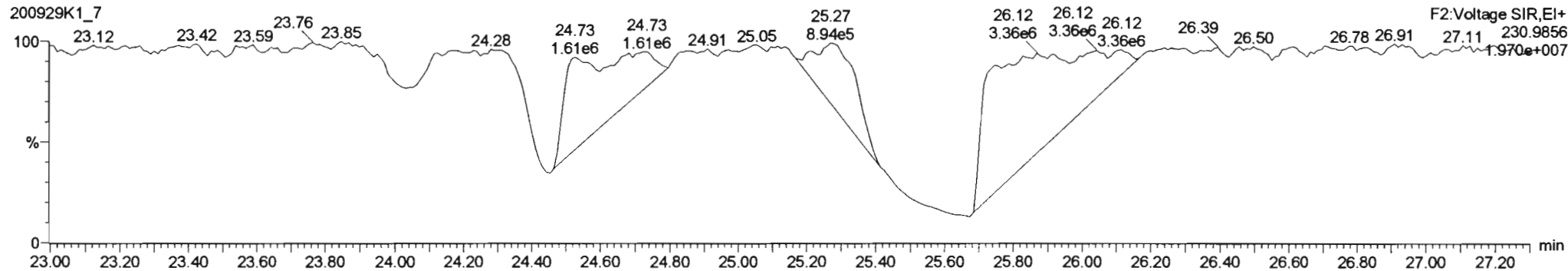
PCB-19



13C-PCB-19



PFK2b

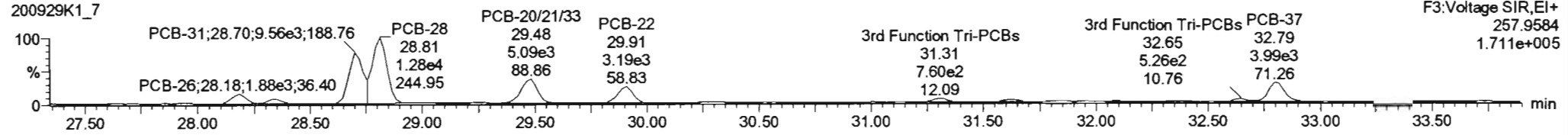
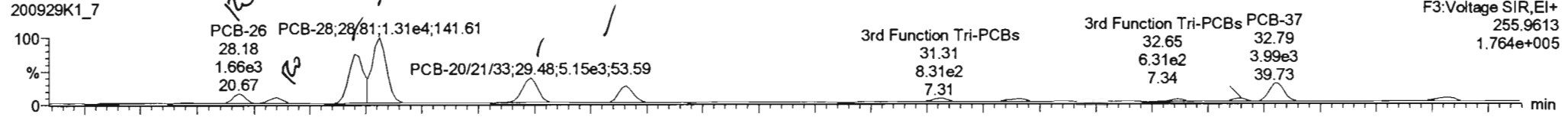


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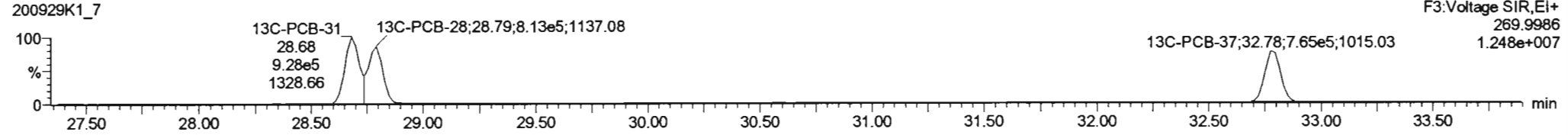
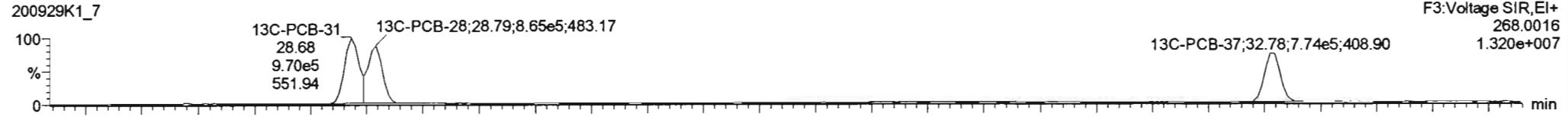
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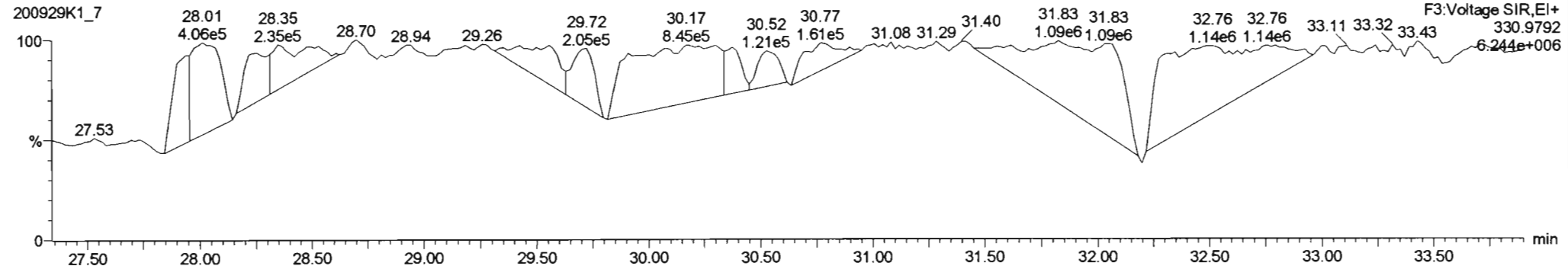
PCB-34



13C-PCB-28

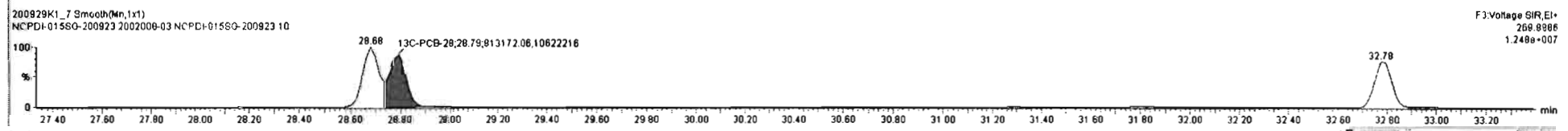
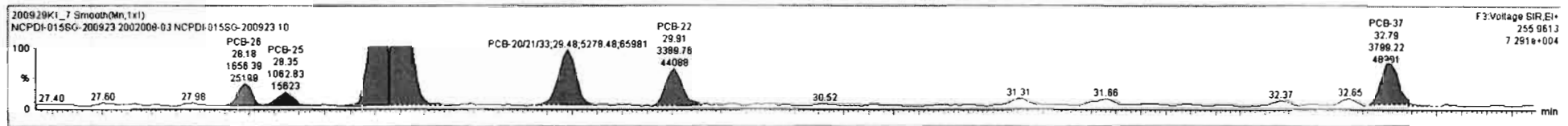


PFK3d



#	Name	Resp	RA	nly	RRF	wtVol	Pred RT	RT	Pred R.	RRY	RRY Fail	Conc.	%Rec	DL	EMPC
219	219 13C-PCB-205	9.87e5	0.90	NO	1.0000	1.979	54.99	54.99	1.000	0.000	NO	5053	100	5.42	
220	220 13C-PCB-79	1.36e6	0.80	NO	1.0689	1.979	37.80	37.80	1.030	1.030	NO	4426	87.6	2.74	
221	221 13C-PCB-178	5.51e5	0.45	NO	0.7865	1.979	45.89	45.89	0.988	0.988	NO	4514	89.3	3.45	
222	222 13C-PCB-79	1.36e6	0.80	NO	1.0821	1.979	37.80	37.80	0.968	0.968	NO	5350	106	3.51	
223	223 13C-PCB-178	5.51e5	0.45	NO	1.0508	1.979	45.89	45.89	0.923	0.923	NO	5026	99.5	3.89	
224	224 Total Mono-PCBs				1.1655	1.979	0.00		0.000		NO	36.99		1.97	36.99
225	225 Total Di-PCBs				1.0537	1.979	0.00		0.000		NO				37.9
226	226 2nd Function Tri-PCBs				1.0807	1.979	0.00		0.000		NO	10.62		1.77	10.62

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	21 PCB-26	28.17	28.18	1.656e3	1.882e3	1.040	0.88	YES	10.363	0.00000
2	22 PCB-25	28.34	28.35	1.063e3	8.317e2	1.040	1.28	YES	5.3772	0.00000
3	23 PCB-31	28.71	28.70	9.878e3	9.562e3	1.040	1.03	NO	56.476	56.476
4	24 PCB-28	28.81	28.81	1.306e4	1.282e4	1.040	1.02	NO	76.014	76.014
5	25 PCB-20(21/33)	29.45	29.48	5.278e3	5.090e3	1.040	1.04	NO	33.163	33.163
6	26 PCB-22	29.91	29.91	3.390e3	3.223e3	1.040	1.05	NO	20.464	20.464
7	31 PCB-37	32.80	32.79	3.799e3	3.876e3	1.040	0.98	NO	24.976	24.976



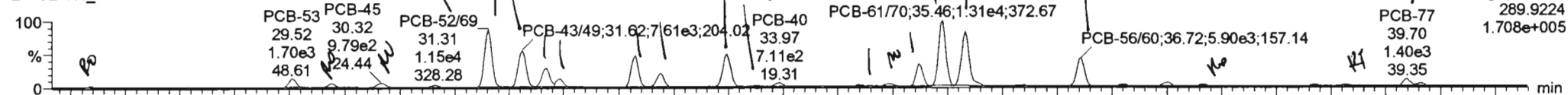
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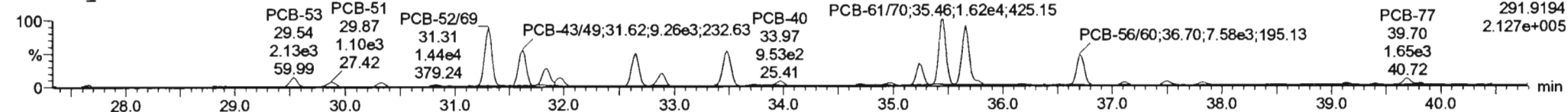
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PCB-54

200929K1_7

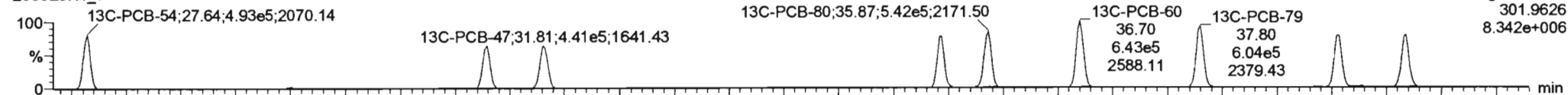


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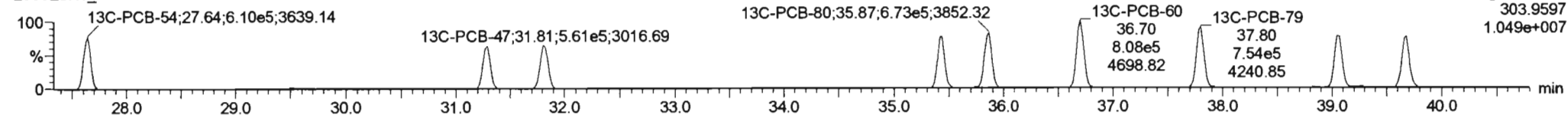


13C-PCB-54

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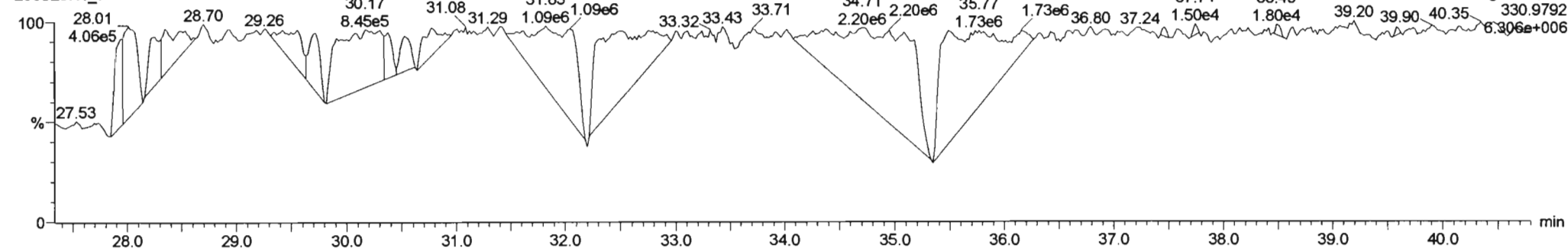


200929K1_7



PFK3a

200929K1_7



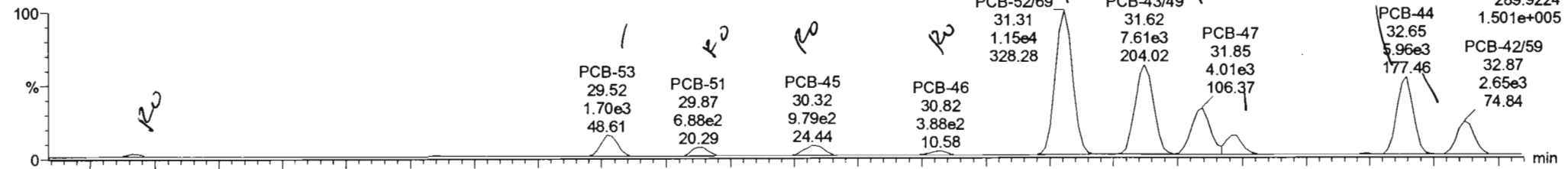
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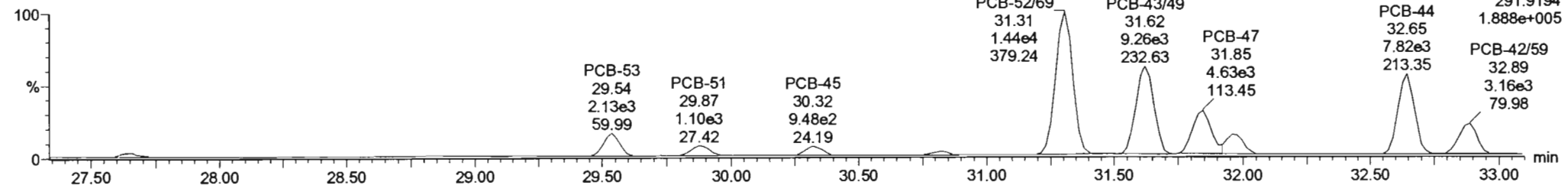
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PCB-50

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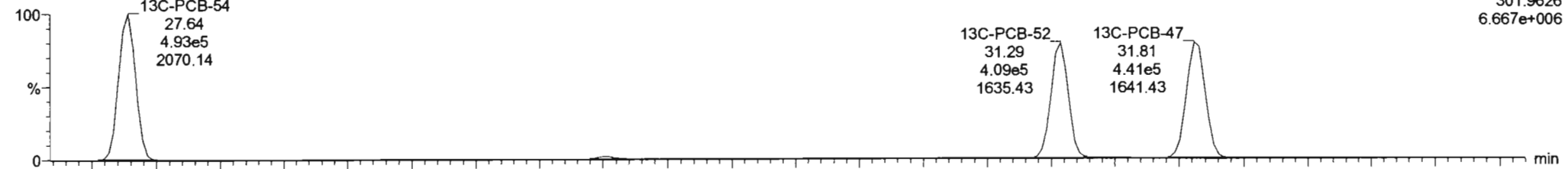


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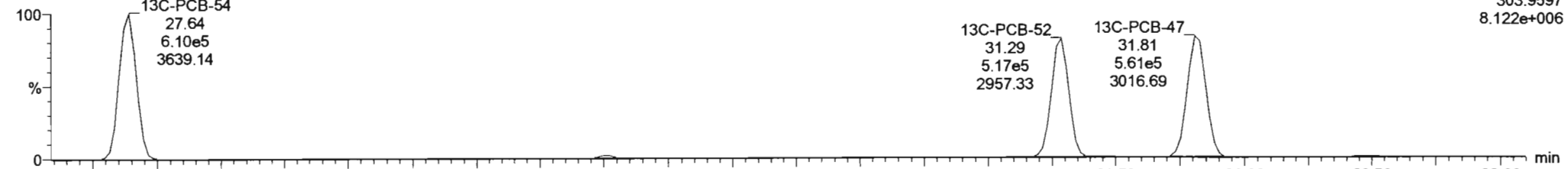


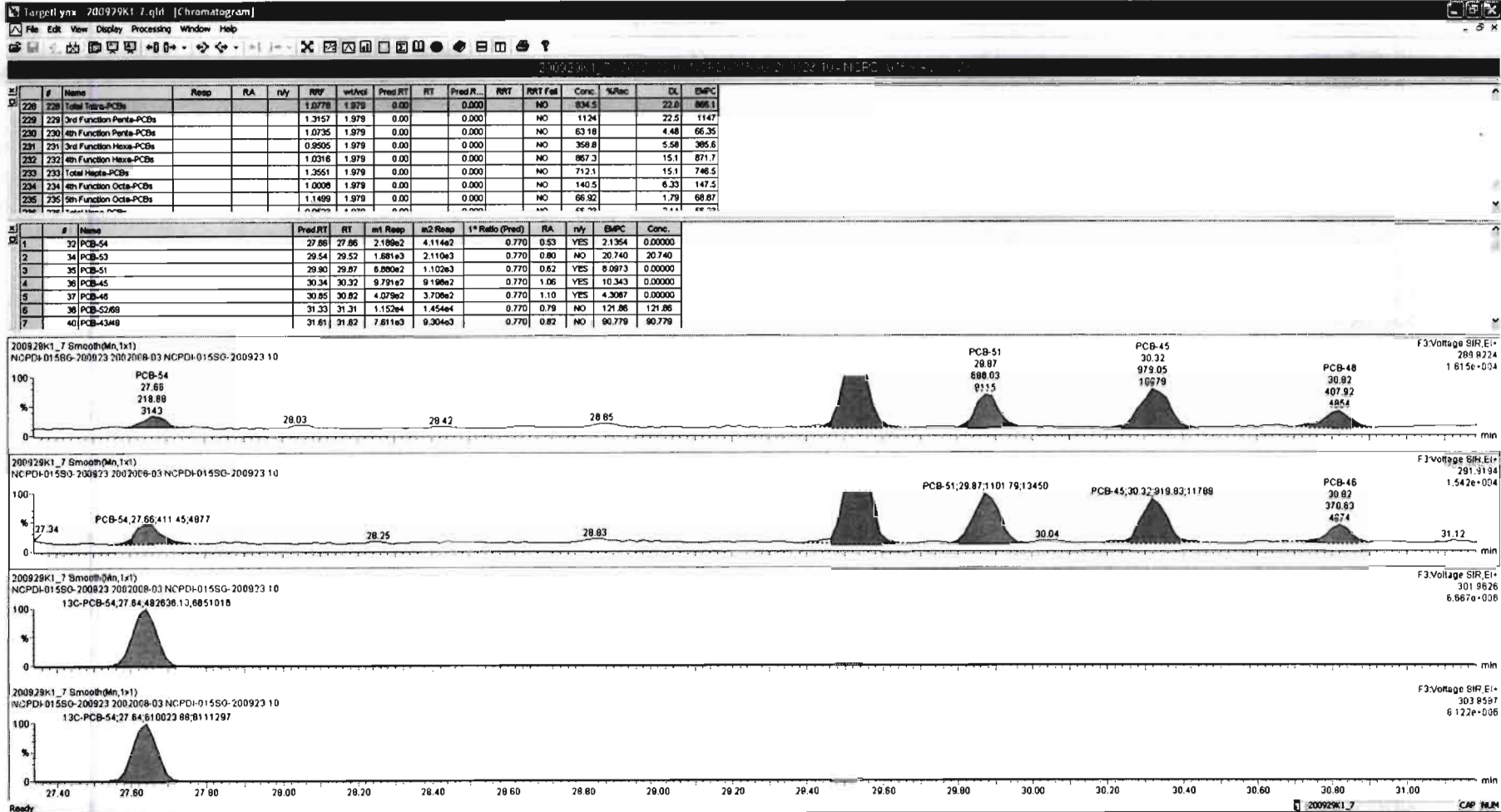
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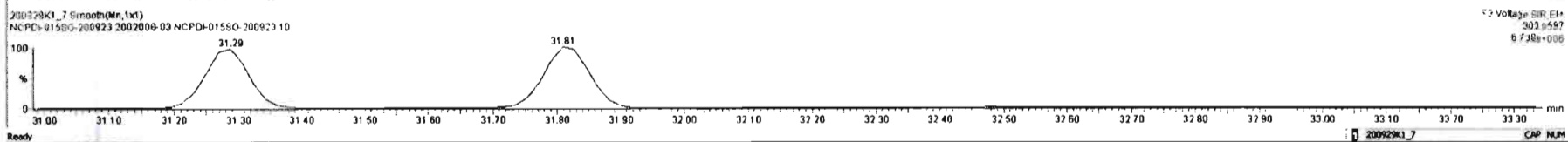
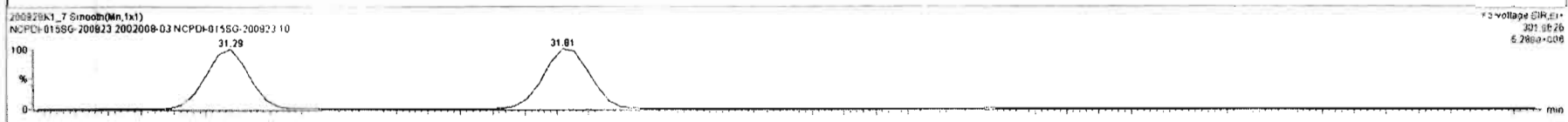
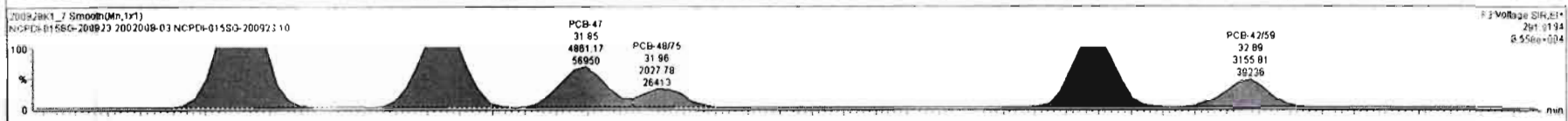
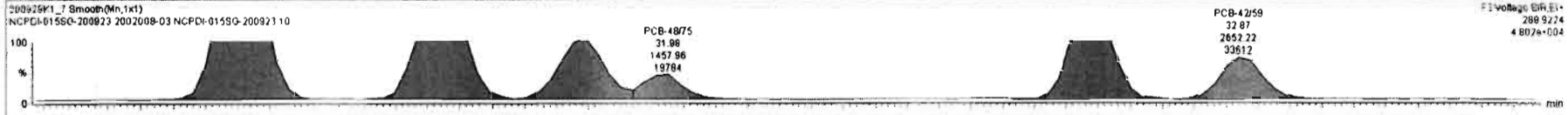
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#	Name	Reop	RA	n/y	RRF	wAve	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	996.1
229	3rd Function Penta-PCBs				1.2157	1.979	0.00		0.000		NO	1124		22.5	1147
230	4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	63.18		4.48	66.35
231	3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	358.8		5.58	365.6
232	4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	Total Hepta-PCBs				1.2551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	4th Function Octa-PCBs				1.0009	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	5th Function Octa-PCBs				1.1499	1.979	0.00		0.000		NO	66.92		1.78	68.87

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
16	53 PCB-63	34.92	34.95	5.579e2	5.337e2	0.770	1.05	YES	4.0395	0.00000
17	54 PCB-74	35.22	35.23	4.249e3	5.052e3	0.770	0.84	NO	36.015	36.015
18	55 PCB-81/70	35.44	35.46	1.337e4	1.850e4	0.770	0.81	NO	129.89	129.89
19	56 PCB-76/66	35.63	35.66	1.145e4	1.480e4	0.770	0.77	NO	103.35	103.35
20	58 PCB-56/60	36.72	36.72	5.800e3	7.562e3	0.770	0.78	NO	55.010	55.010
21	60 PCB-79	37.82	37.84	3.118e2	6.132e2	0.770	0.51	YES	2.6190	0.00000
22	63 PCB-77	39.70	39.70	1.327e3	1.546e3	0.770	0.88	NO	10.951	10.951



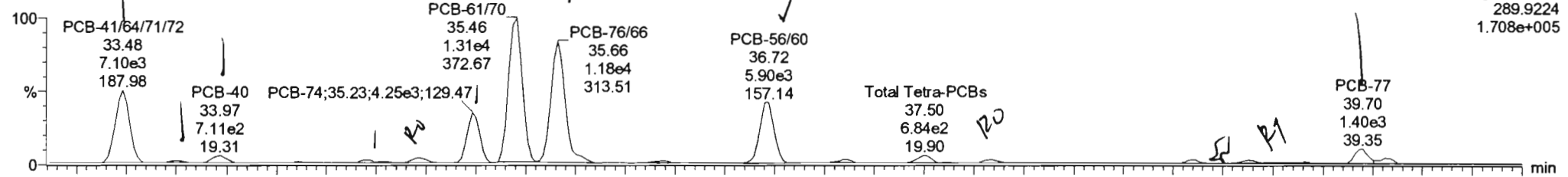
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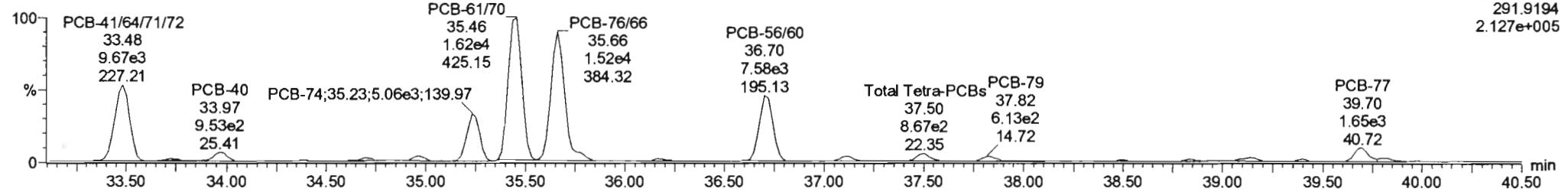
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PCB-68

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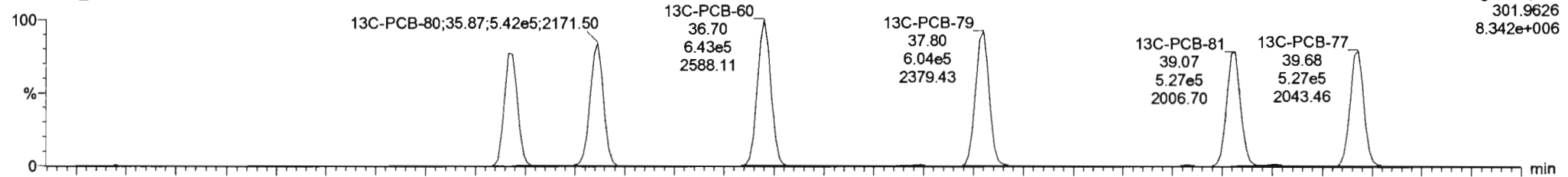


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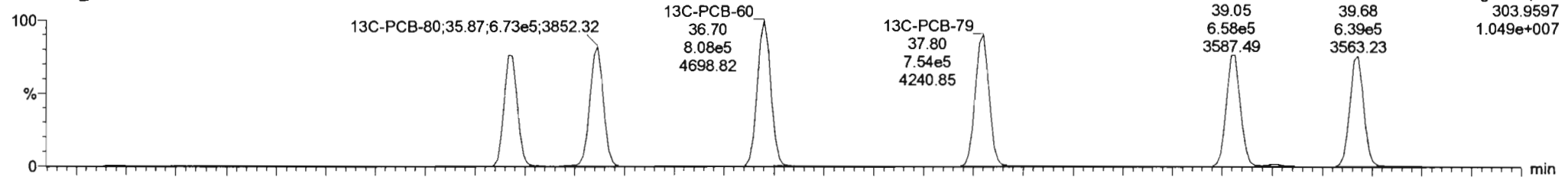


13C-PCB-60

200929K1_7

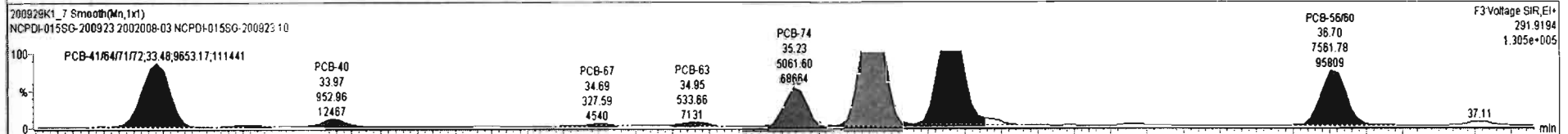
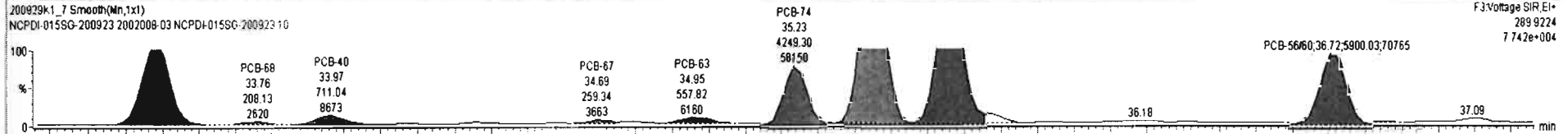


200929K1_7



#	Name	Resp	RA	nly	RRF	wfArd	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	668.1
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	1124		22.5	1147
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	63.18		4.48	66.35
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	358.8		5.58	385.6
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00		0.000		NO	66.82		1.79	68.87

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.66	27.66	2.189e2	4.114e2	0.770	0.53	YES	2.1354	0.00000
2	34 PCB-53	29.54	29.52	1.681e3	2.110e3	0.770	0.80	NO	20.740	20.740
3	35 PCB-51	29.90	29.87	6.880e2	1.102e3	0.770	0.62	YES	8.0873	0.00000
4	36 PCB-45	30.34	30.32	9.791e2	9.198e2	0.770	1.06	YES	10.343	0.00000
5	37 PCB-46	30.85	30.82	4.079e2	3.705e2	0.770	1.10	YES	4.3067	0.00000
6	38 PCB-5268	31.33	31.31	1.152e4	1.454e4	0.770	0.79	NO	121.86	121.86
7	40 PCB-4349	31.61	31.62	7.611e3	9.304e3	0.770	0.82	NO	90.779	90.779

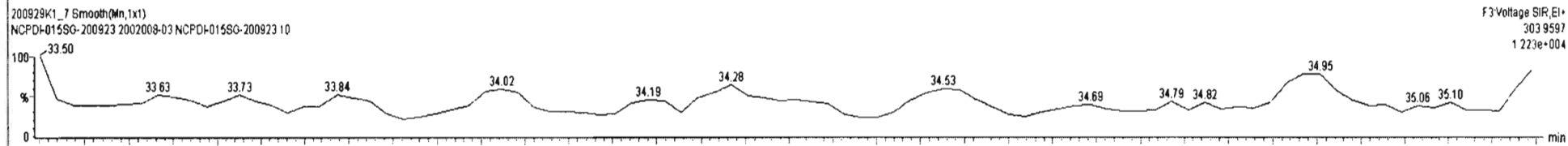
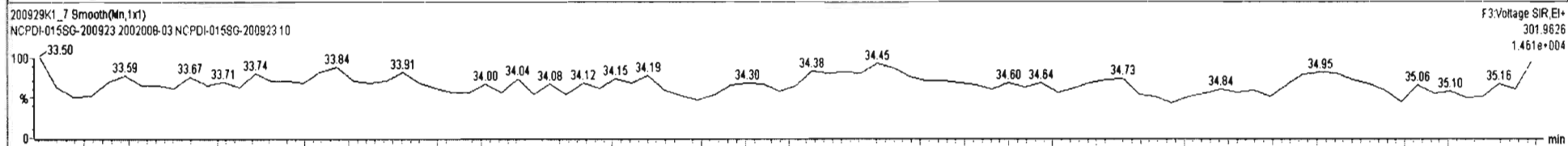
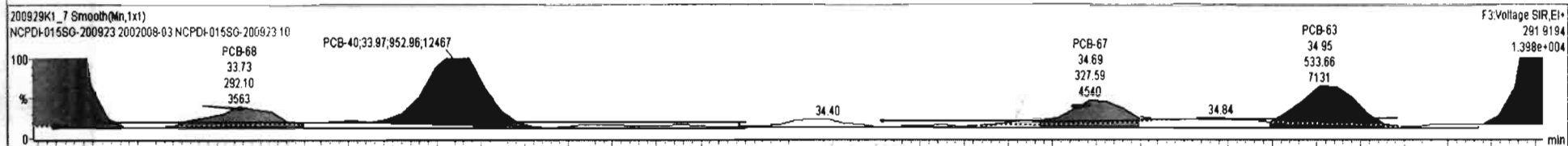
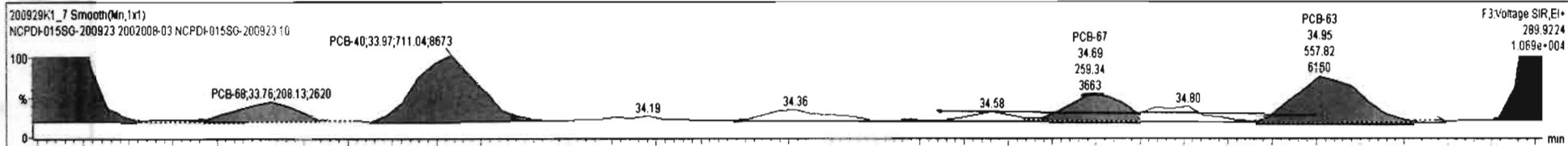


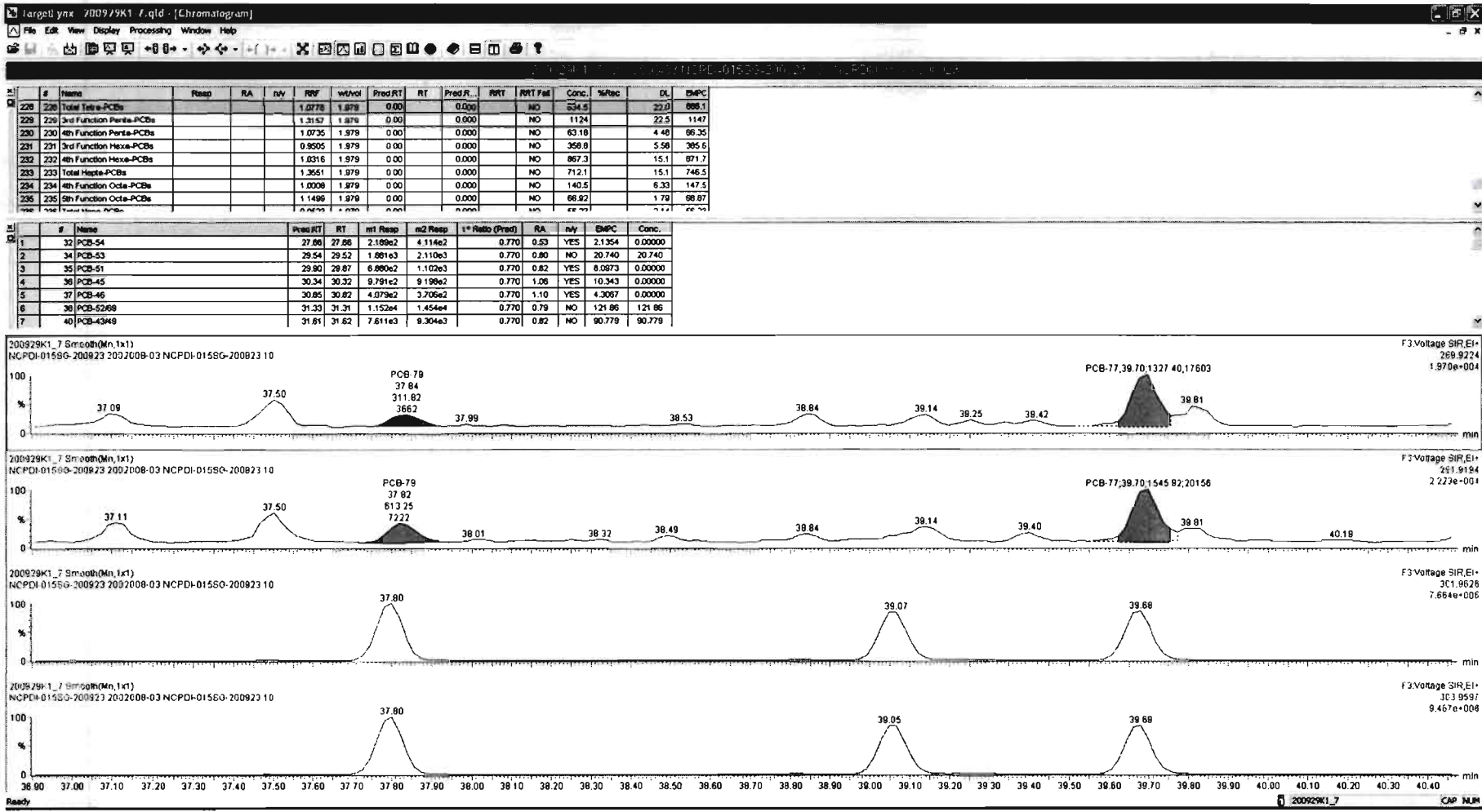


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#	Name	Resp	RA	nly	RFR	wt/mt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00	0.000			NO	894.5		22.0	866.1
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00	0.000			NO	1124		22.5	1147
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00	0.000			NO	63.18		4.48	66.35
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00	0.000			NO	358.8		5.58	385.6
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00	0.000			NO	867.3		15.1	871.7
233	233 Total Hepta-PCBs				1.3551	1.979	0.00	0.000			NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00	0.000			NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00	0.000			NO	66.92		1.79	68.87
236	236 Total Mono-PCBs				0.0000	4.000	0.00	0.000			NO	0.00		0.00	0.00

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.66	27.66	2.189e2	4.114e2	0.770	0.53	YES	2.1354	0.00000
2	34 PCB-53	29.54	29.52	1.681e3	2.110e3	0.770	0.80	NO	20.740	20.740
3	35 PCB-51	29.90	29.87	6.890e2	1.102e3	0.770	0.62	YES	8.0973	0.00000
4	36 PCB-45	30.34	30.32	9.791e2	9.198e2	0.770	1.06	YES	10.343	0.00000
5	37 PCB-46	30.85	30.82	4.079e2	3.706e2	0.770	1.10	YES	4.3067	0.00000
6	38 PCB-5269	31.33	31.31	1.152e4	1.454e4	0.770	0.79	NO	121.86	121.86
7	40 PCB-4349	31.61	31.62	7.611e3	9.304e3	0.770	0.82	NO	90.779	90.779





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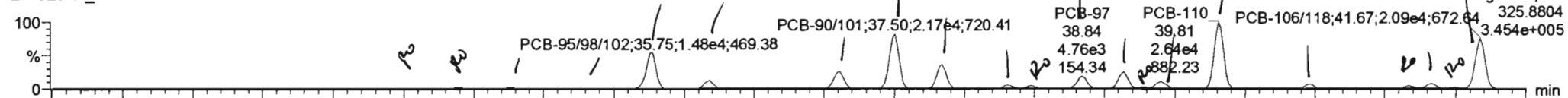
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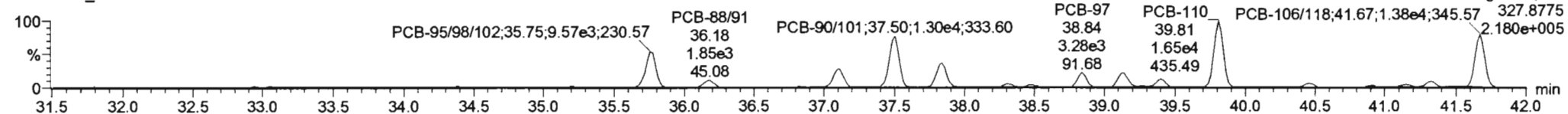
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200929K1_7

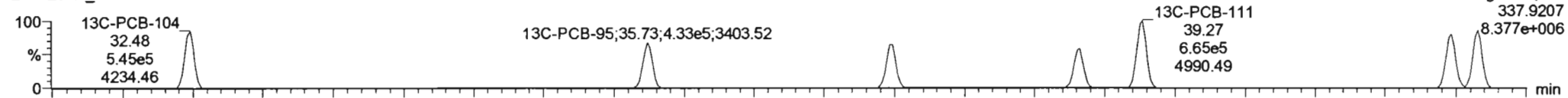


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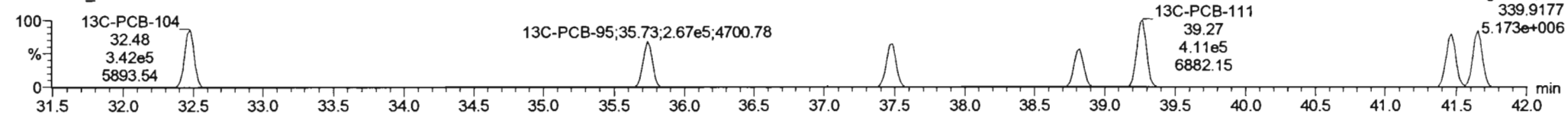


13C-PCB-104

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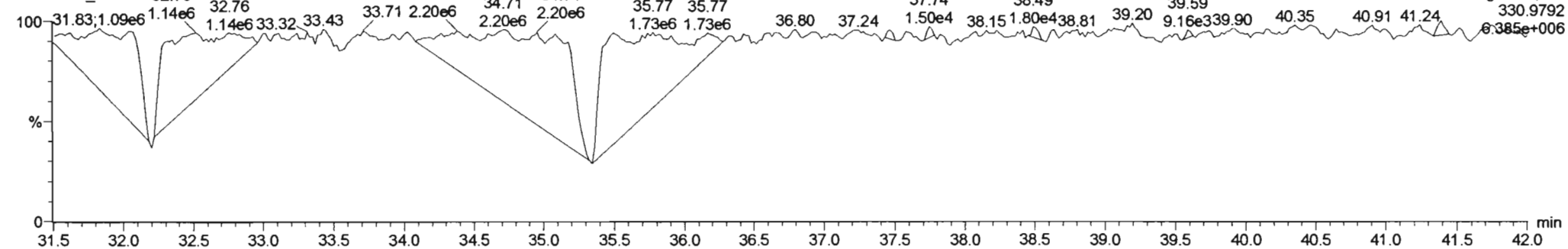


200929K1_7



PFK3b

200929K1_7



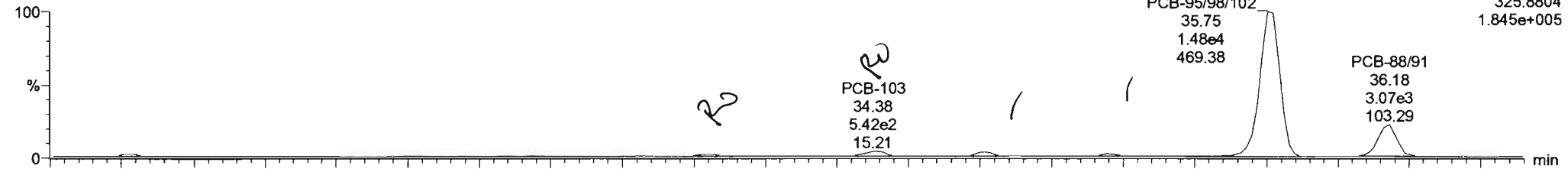
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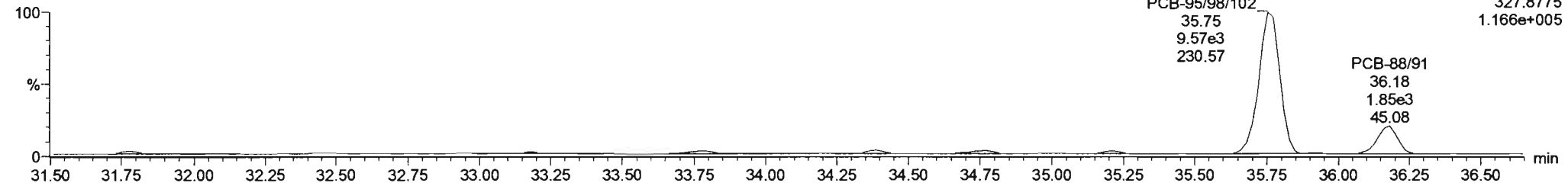
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PCB-96

200929K1_7

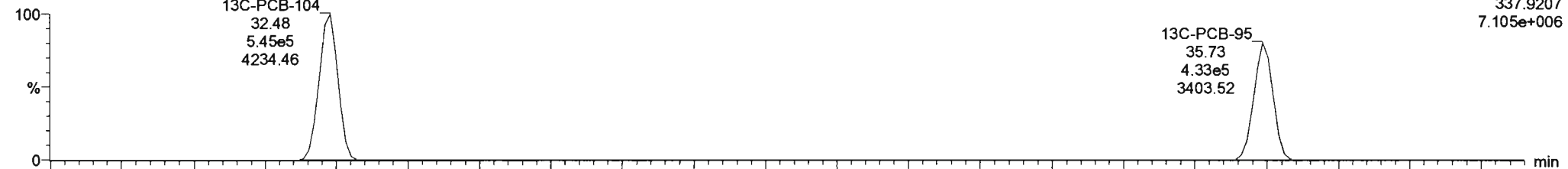


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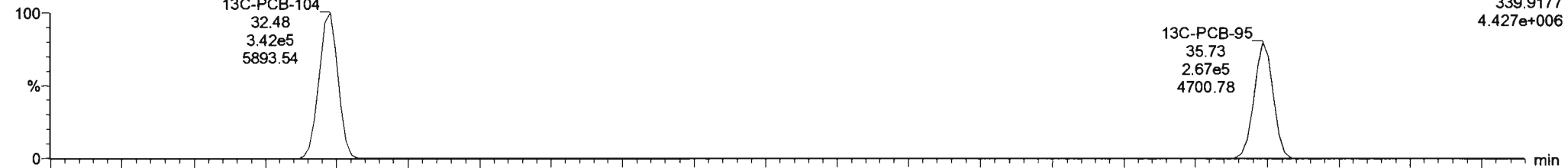


13C-PCB-95

200929K1_7



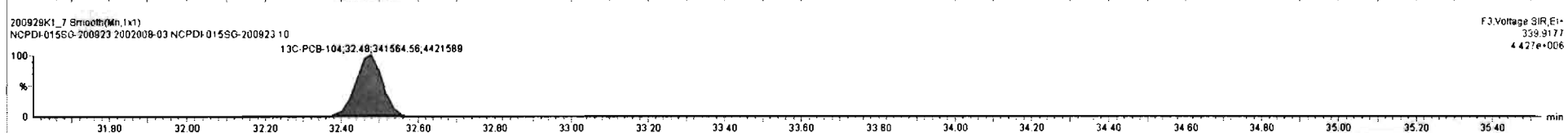
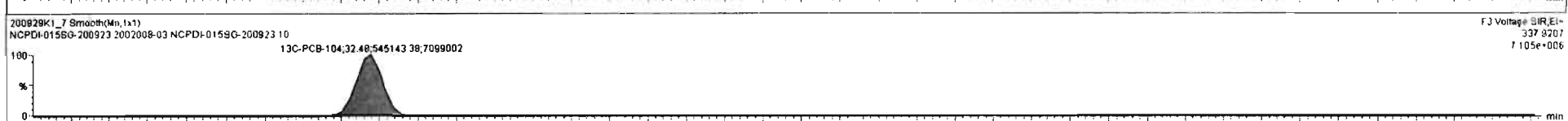
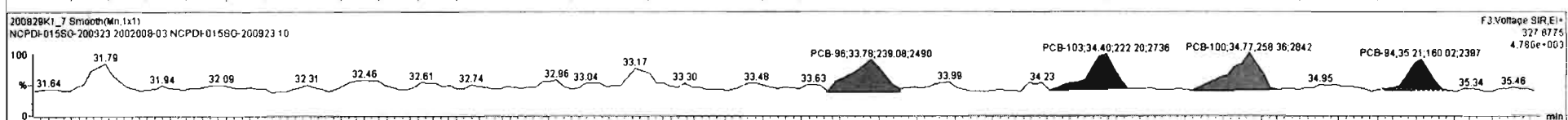
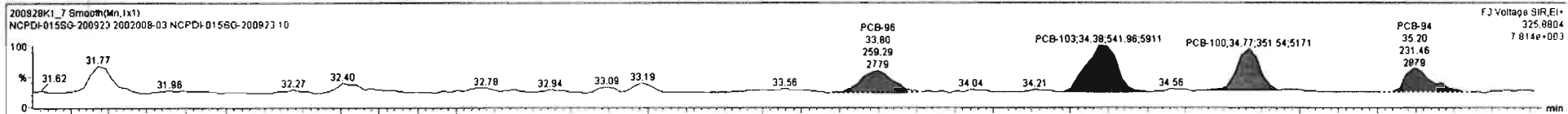
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200929K1_7_2002008-03 NCPDI-015SG-200923 10

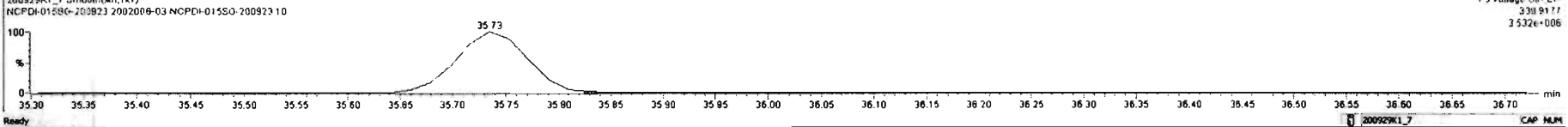
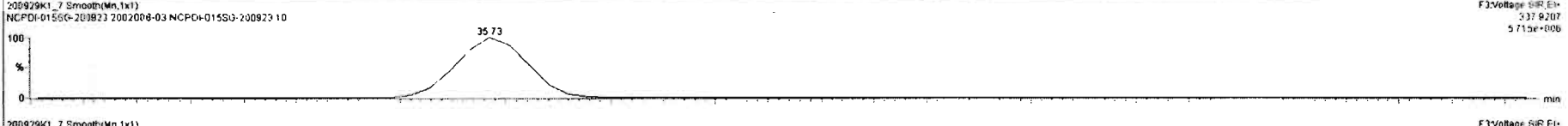
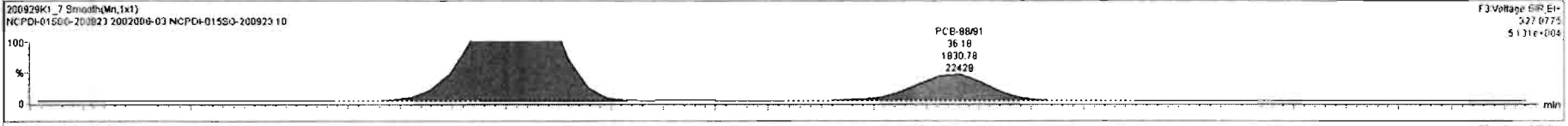
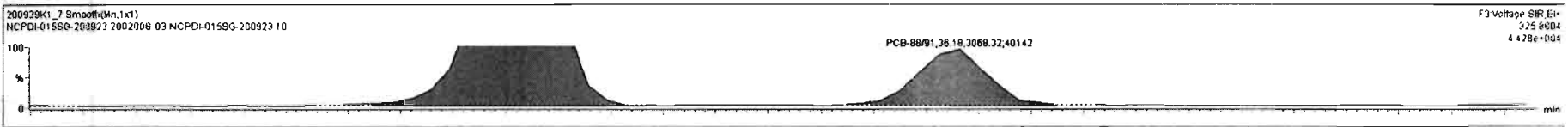
#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	866.1
229	3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	1122		22.5	1144
230	4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	63.18		4.48	66.35
231	3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	358.8		5.58	365.6
232	4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	5th Function Octa-PCBs				1.1489	1.979	0.00		0.000		NO	66.92		1.79	68.87

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
65	PCB-96	33.82	33.80	2.583e2	2.381e2	1.560	1.08	YES	2.1016	0.00000
66	PCB-103	34.38	34.38	5.420e2	2.222e2	1.560	2.44	YES	3.4615	0.00000
67	PCB-100	34.74	34.77	3.515e2	2.584e2	1.560	1.36	NO	3.8450	3.8450
68	PCB-94	35.21	35.20	2.315e2	1.800e2	1.560	1.45	NO	2.9794	2.9794
69	PCB-95/98/102	35.68	35.75	1.480e4	9.582e3	1.560	1.54	NO	146.19	146.19
71	PCB-98/91	36.16	36.18	3.068e3	1.831e3	1.560	1.68	NO	33.225	33.225
73	PCB-94/62	37.09	37.11	6.929e3	4.904e3	1.560	1.41	NO	85.984	85.984



#	Name	Resp	RA	n/y	RRF	wtAvl	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec	DL	BMP
228	Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	868.1
229	3rd Function Penta-PCBs				1.3187	1.979	0.00		0.000		NO	1122		22.5	1144
230	4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	63.18		4.48	66.35
231	3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	359.8		5.58	395.6
232	4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	5th Function Octa-PCBs				1.1498	1.979	0.00		0.000		NO	68.92		1.79	69.87

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	BMP	Conc.
15	86 PCB-85/116	38.42	38.40	2.718e3	1.909e3	1.560	1.42	NO	26.984	26.984
16	87 PCB-110	39.83	39.81	2.653e4	1.651e4	1.560	1.61	NO	203.29	203.29
17	88 PCB-82	40.47	40.46	1.494e3	8.681e2	1.560	1.72	NO	17.892	17.892
18	89 PCB-124	41.17	41.17	1.194e3	5.796e2	1.560	2.08	YES	6.2863	0.00000
19	90 PCB-107/109	41.32	41.34	1.824e3	1.318e3	1.560	1.38	NO	13.861	13.861
20	91 PCB-123	41.49	41.49	3.714e2	2.018e2	1.560	1.84	YES	2.5521	0.00000
21	92 PCB-106/118	41.89	41.87	2.084e4	1.377e4	1.560	1.51	NO	161.06	161.06



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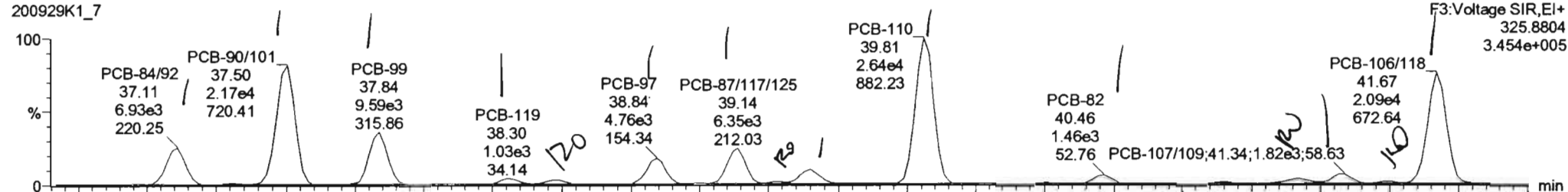
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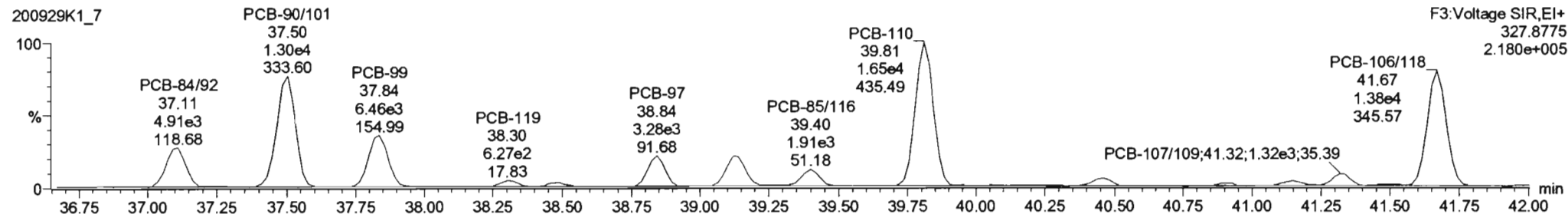
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200929K1_7

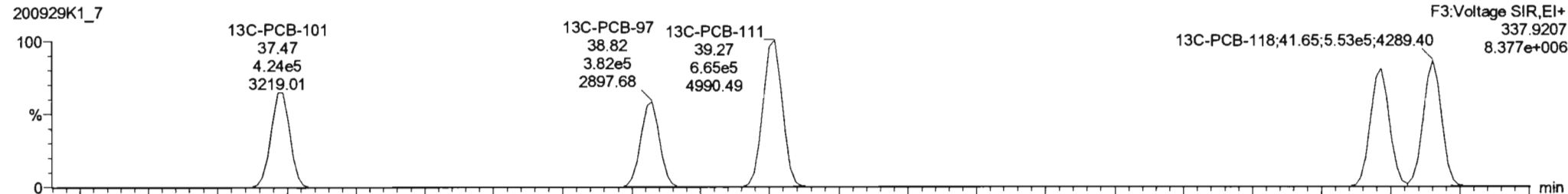


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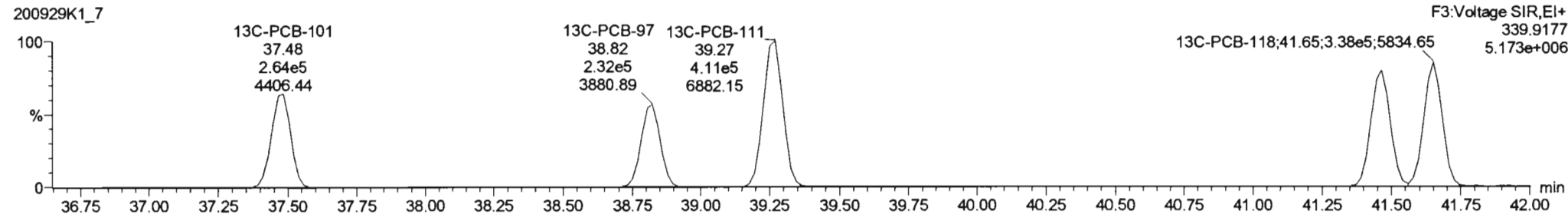


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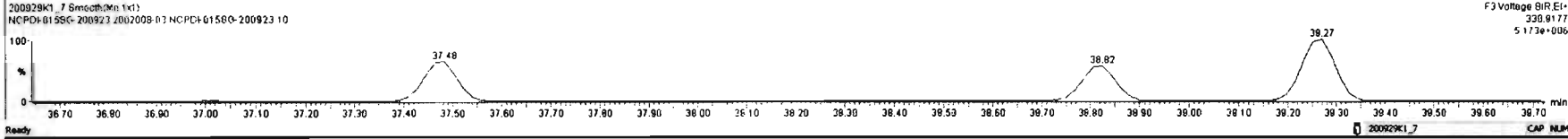
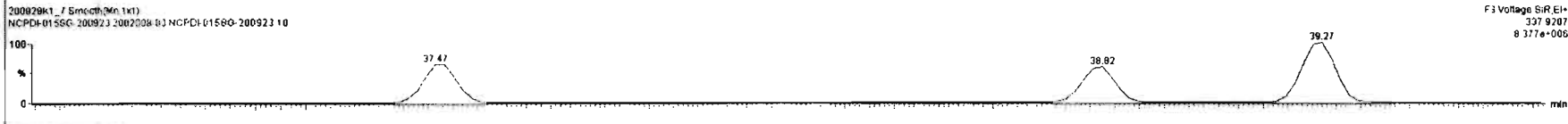
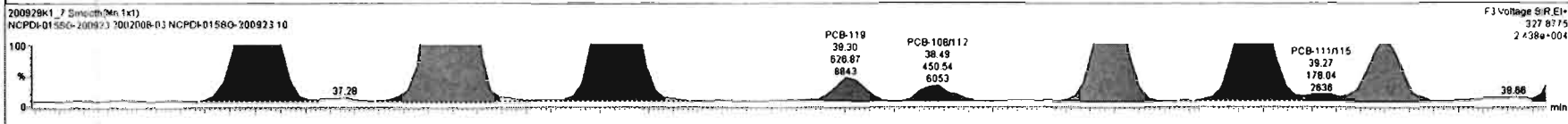
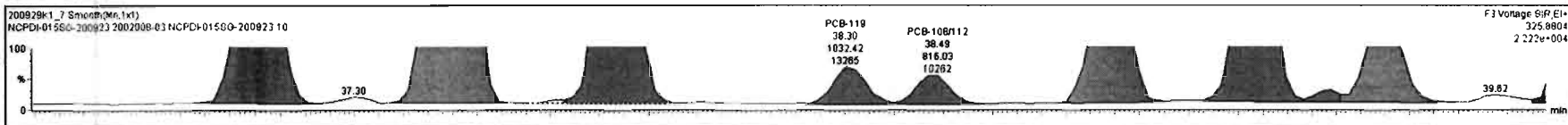


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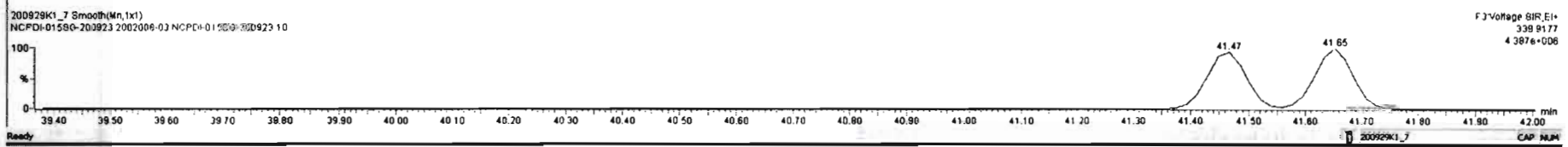
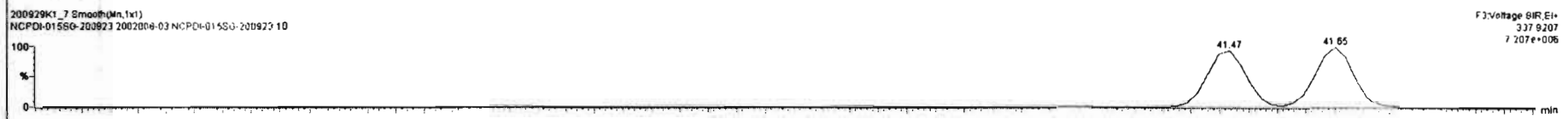
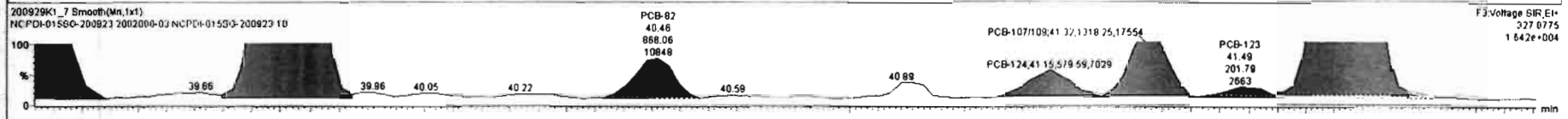
#	Name	Resp	RA	n/y	RRF	wtAvt	Prod.RT	RT	Pred.R.	RRT	RRT.Fac	Conc.	%Rec	DL	EMPC
228	228 Total Tetre-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	866.1
229	229 3rd Function Penta-PCBs				1.3157	1.878	0.00		0.000		NO	1122		22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	63.14		4.48	66.35
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	358.8		5.58	385.8
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1488	1.979	0.00		0.000		NO	66.92		1.78	68.87

#	Name	Pred.RT	RT	Inf Resp	n2 Resp	1* Ratio (Pre)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.82	33.80	2.583e2	2.291e2	1.580	1.08	YES	2.1016	0.00000
2	68 PCB-103	34.38	34.38	5.420e2	2.222e2	1.580	2.44	YES	3.4815	0.00000
3	67 PCB-100	34.74	34.77	3.515e2	2.584e2	1.580	1.36	NO	3.8450	3.8450
4	68 PCB-94	35.21	35.20	2.315e2	1.800e2	1.580	1.45	NO	2.9794	2.9794
5	68 PCB-95/98/102	35.88	35.75	1.490e4	9.582e3	1.580	1.54	NO	148.19	148.19
6	71 PCB-88/91	36.16	36.18	3.069e3	1.831e3	1.580	1.68	NO	33.225	33.225
7	73 PCB-84/82	37.08	37.11	6.929e3	4.904e3	1.580	1.41	NO	85.384	85.384



#	Name	Resp	RA	n/y	RF	wt/vol	PredRT	RT	Pred.R.	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	868.1
229	229 3rd Function Penta-PCBs				1.2167	1.979	0.00		0.000		NO	1122		22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	83.18		4.48	65.25
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	258.8		5.58	395.6
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	233 Total Hepta-PCBs				1.2551	1.979	0.00		0.000		NO	712.1		15.1	748.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00		0.000		NO	68.92		1.79	68.87

#	Name	PredRT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
15	85 PCB-85/116	39.42	39.40	2.710e3	1.909e3	1.560	1.42	NO	26.984	26.984
16	87 PCB-110	39.83	39.81	2.653e4	1.651e4	1.560	1.61	NO	203.29	203.29
17	88 PCB-82	40.47	40.46	1.494e3	8.681e2	1.560	1.72	NO	17.882	17.882
18	89 PCB-124	41.17	41.17	1.194e3	5.796e2	1.560	2.06	YES	6.2863	0.00000
19	90 PCB-107/109	41.32	41.34	1.824e3	1.318e3	1.560	1.38	NO	13.861	13.861
20	91 PCB-123	41.48	41.49	3.714e2	2.019e2	1.560	1.84	YES	2.5521	0.00000
21	92 PCB-106/118	41.86	41.87	2.084e4	1.377e4	1.560	1.51	NO	161.06	161.06



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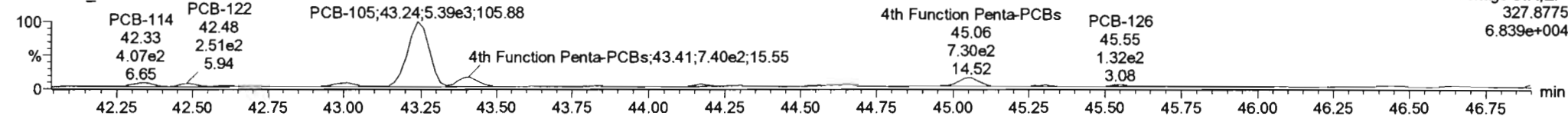
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PCB-114

200929K1_7

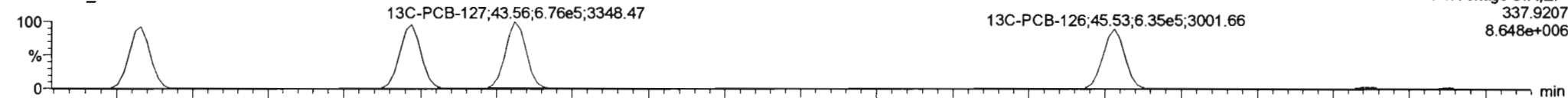


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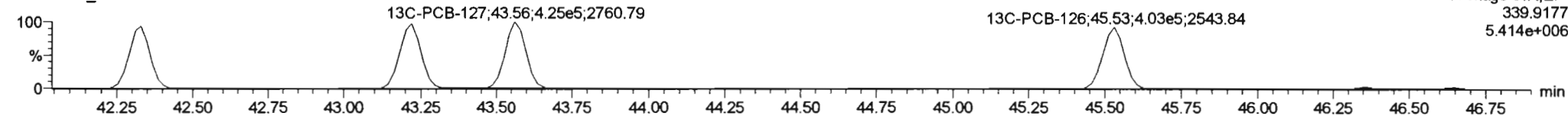


13C-PCB-114

200929K1_7

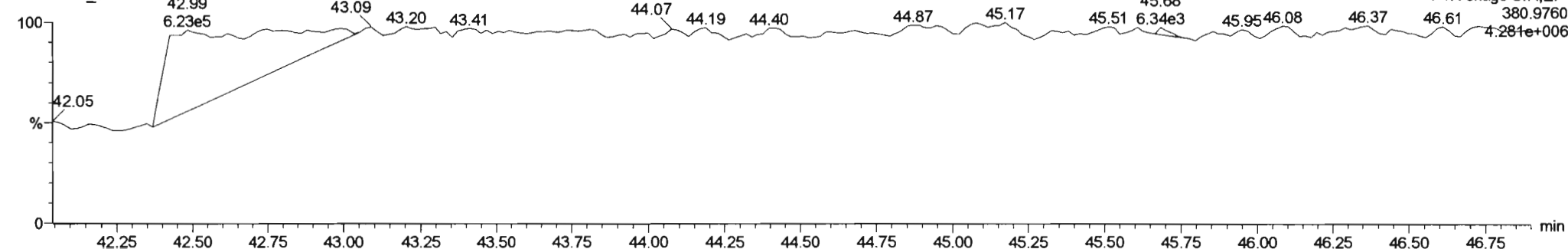


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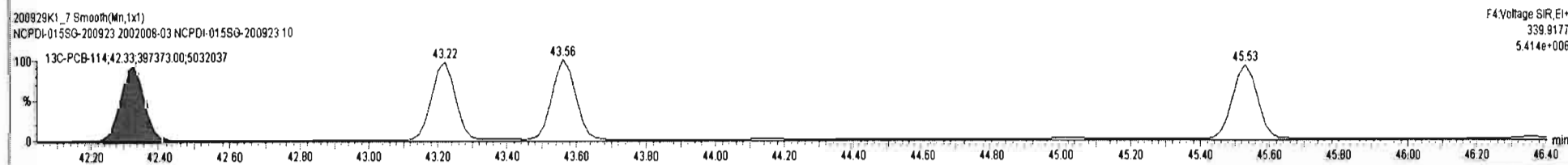
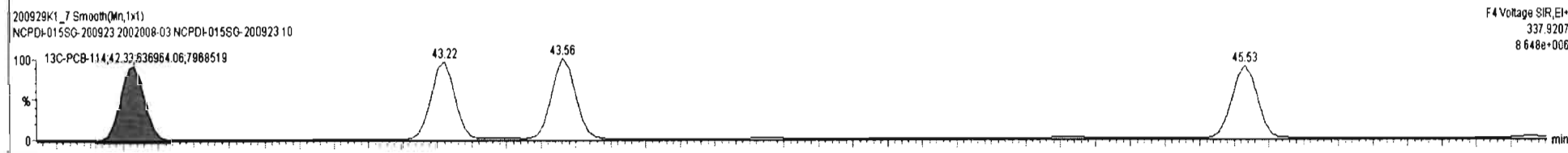
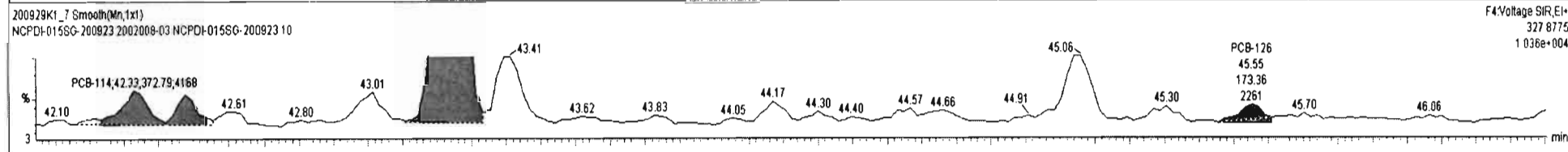
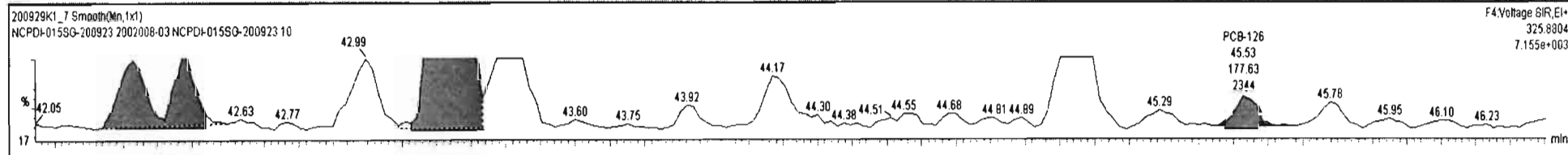
PFK4a

200929K1_7



#	Name	Resp	RA	nly	RRF	wt/wal	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	866.1
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	1122		22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	61.79		4.48	66.29
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	358.8		5.58	385.6
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00		0.000		NO	867.3		15.1	871.7
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00		0.000		NO	66.92		1.79	68.87

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.35	42.33	4.678e2	3.728e2	1.560	1.25	YES	3.2868	0.00000
2	94 PCB-122	42.50	42.48	3.730e2	2.289e2	1.560	1.63	NO	3.1141	3.1141
3	95 PCB-105	43.24	43.24	7.619e3	5.382e3	1.550	1.42	NO	58.676	58.676
4	97 PCB-126	45.55	45.53	1.776e2	1.734e2	1.560	1.02	YES	1.2101	0.00000



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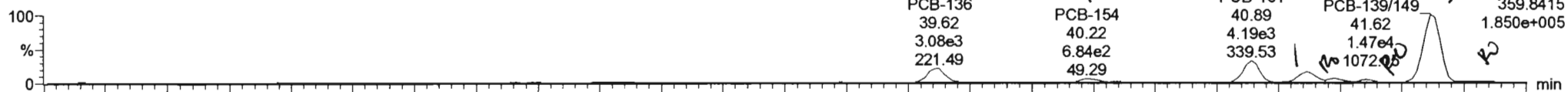
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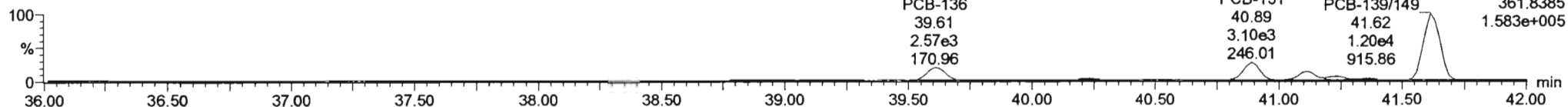
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PCB-155

200929K1_7

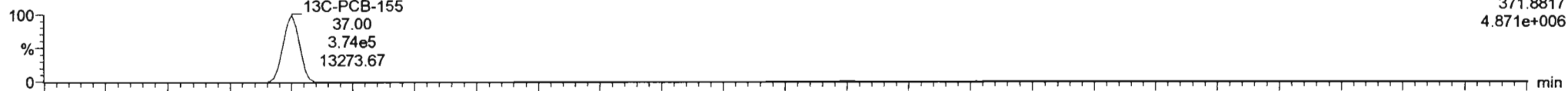


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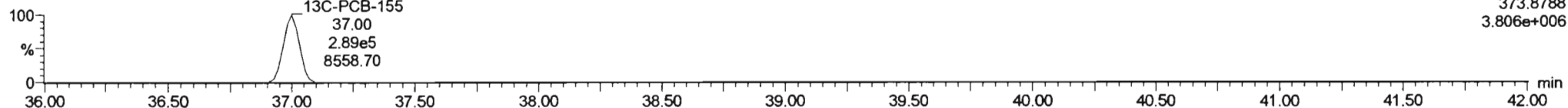


13C-PCB-155

200929K1_7

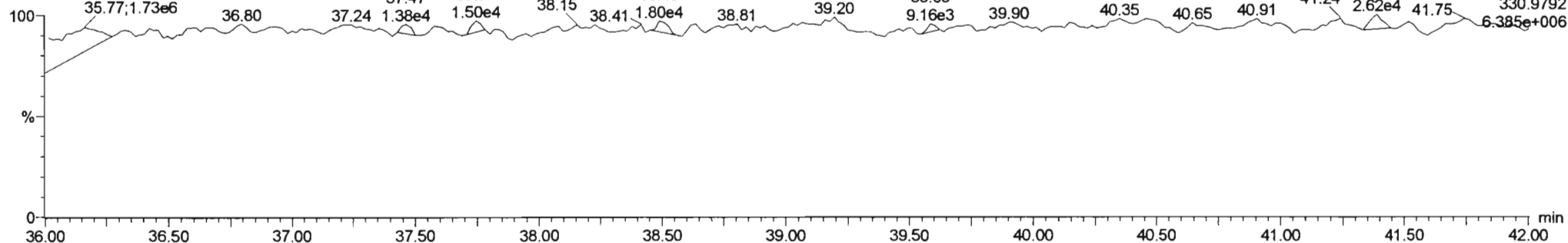


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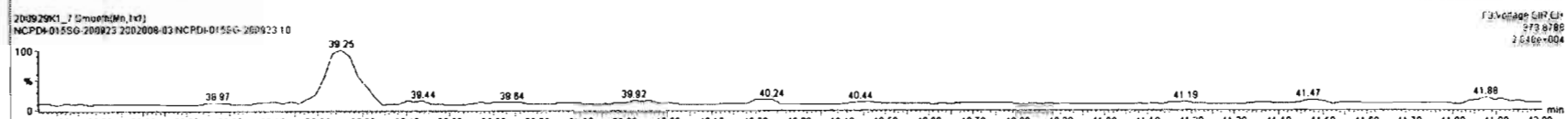
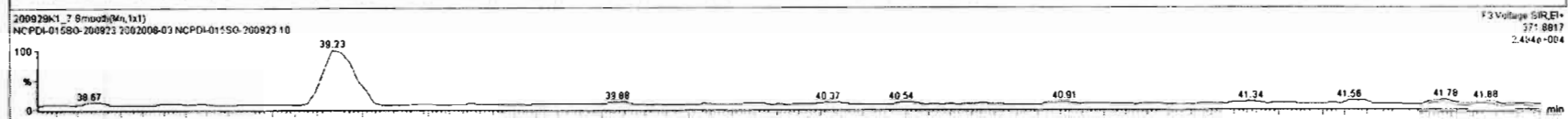
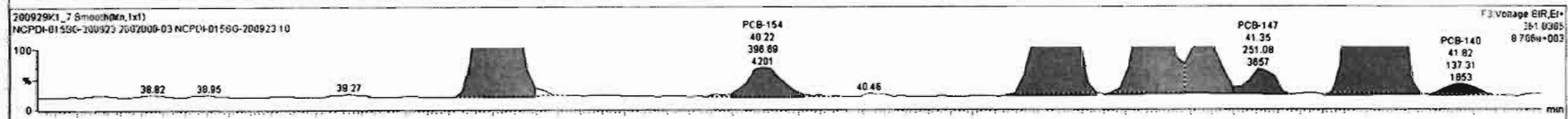
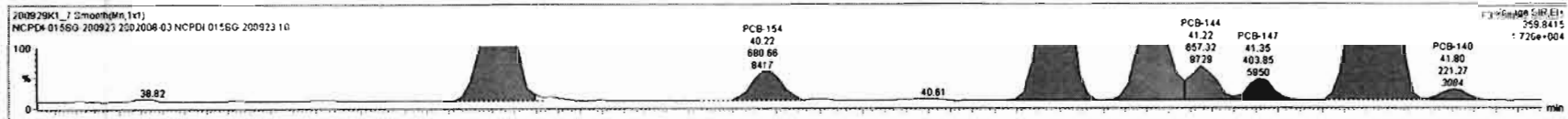
PFK3c

200929K1_7



#	Name	Resp	RA	nly	RF	wtAve	Pred.RT	RT	Pred.R.	RTT	RTT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000			NO	834.5	22.0	866.1
229	229 3rd Function Penta-PCBs				1.3157	1.929	0.00		0.000			NO	1122	22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000			NO	61.79	4.48	66.29
231	231 3rd Function Hexa-PCBs				0.9505	1.879	0.00		0.000			NO	309.9	5.59	369.7
232	232 4th Function Hexa-PCBs				1.0916	1.979	0.00		0.000			NO	667.3	15.1	671.7
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000			NO	712.1	15.1	745.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000			NO	140.5	6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00		0.000			NO	66.92	1.79	68.67

#	Name	Pred.RT	RT	ret Resp	m2 Resp	** Ratio (Pred)	RA	nly	EMPC	Conc.
1	107 PCB-138	39.83	39.82	3.070e3	2.559e3	1.240	1.20	NO	42.008	42.008
2	104 PCB-154	40.24	40.22	8.807e2	3.987e2	1.240	1.72	YES	7.3657	0.00000
3	105 PCB-151	40.91	40.89	4.191e3	3.158e3	1.240	1.33	NO	71.178	71.178
4	106 PCB-136	41.13	41.11	2.234e3	1.612e3	1.240	1.38	NO	31.771	31.771
5	107 PCB-144	41.23	41.22	6.573e2	6.248e2	1.240	1.05	YES	11.465	0.00000
6	108 PCB-147	41.38	41.35	4.039e2	2.511e2	1.240	1.61	YES	5.1340	0.00000
7	109 PCB-139/49	41.64	41.62	1.467e4	1.206e4	1.240	1.22	NO	214.82	214.82

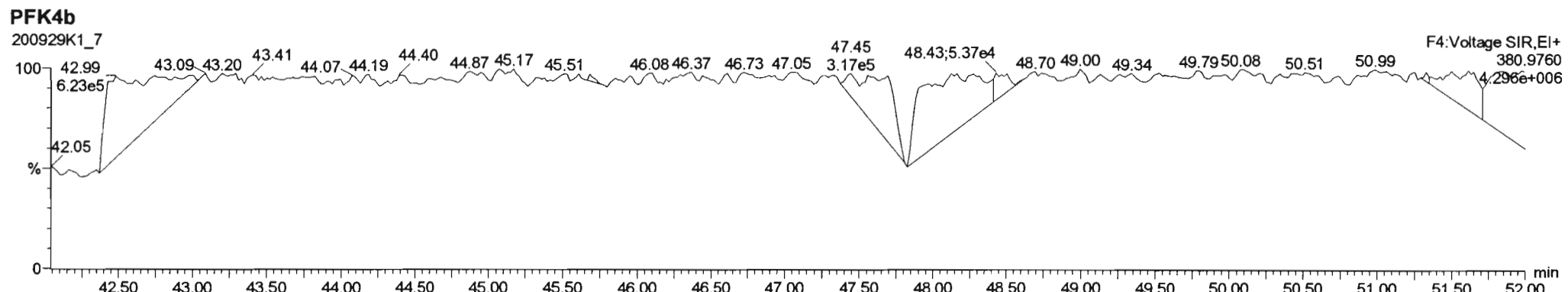
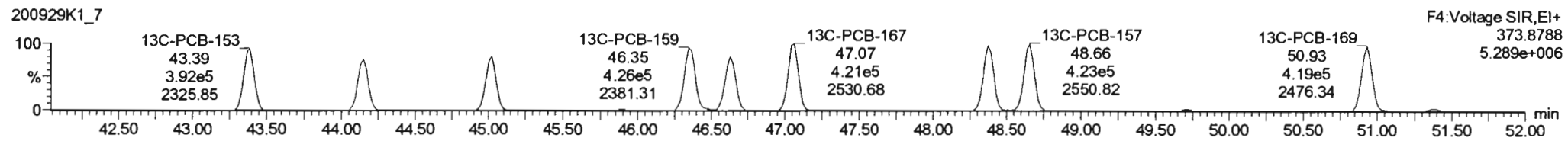
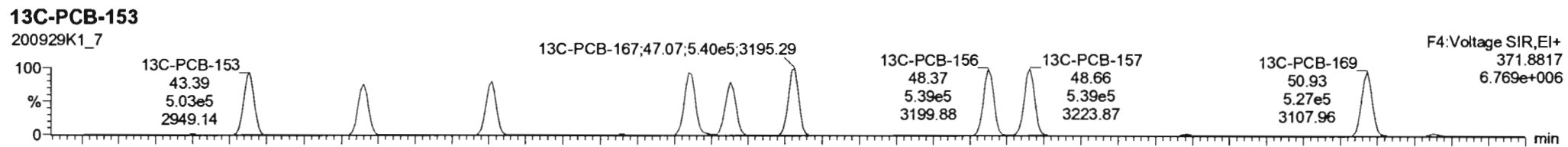
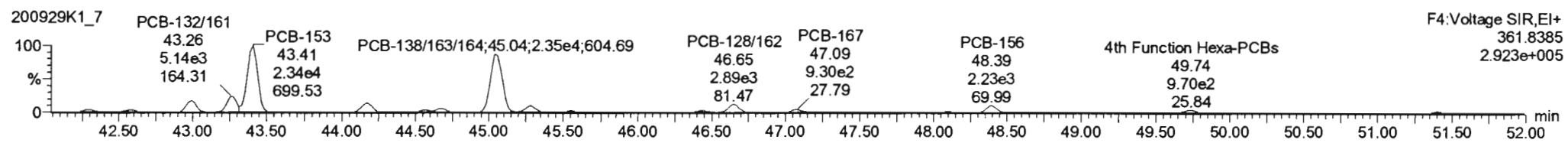
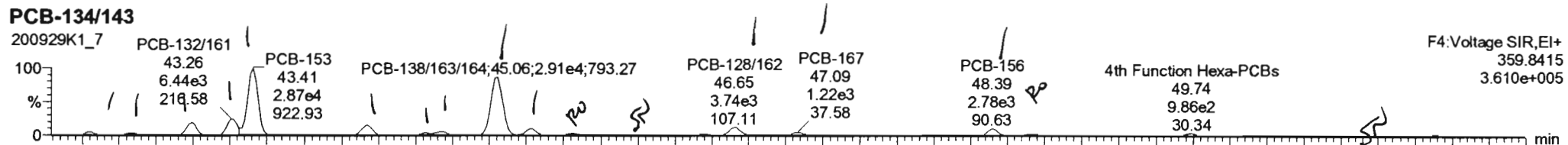


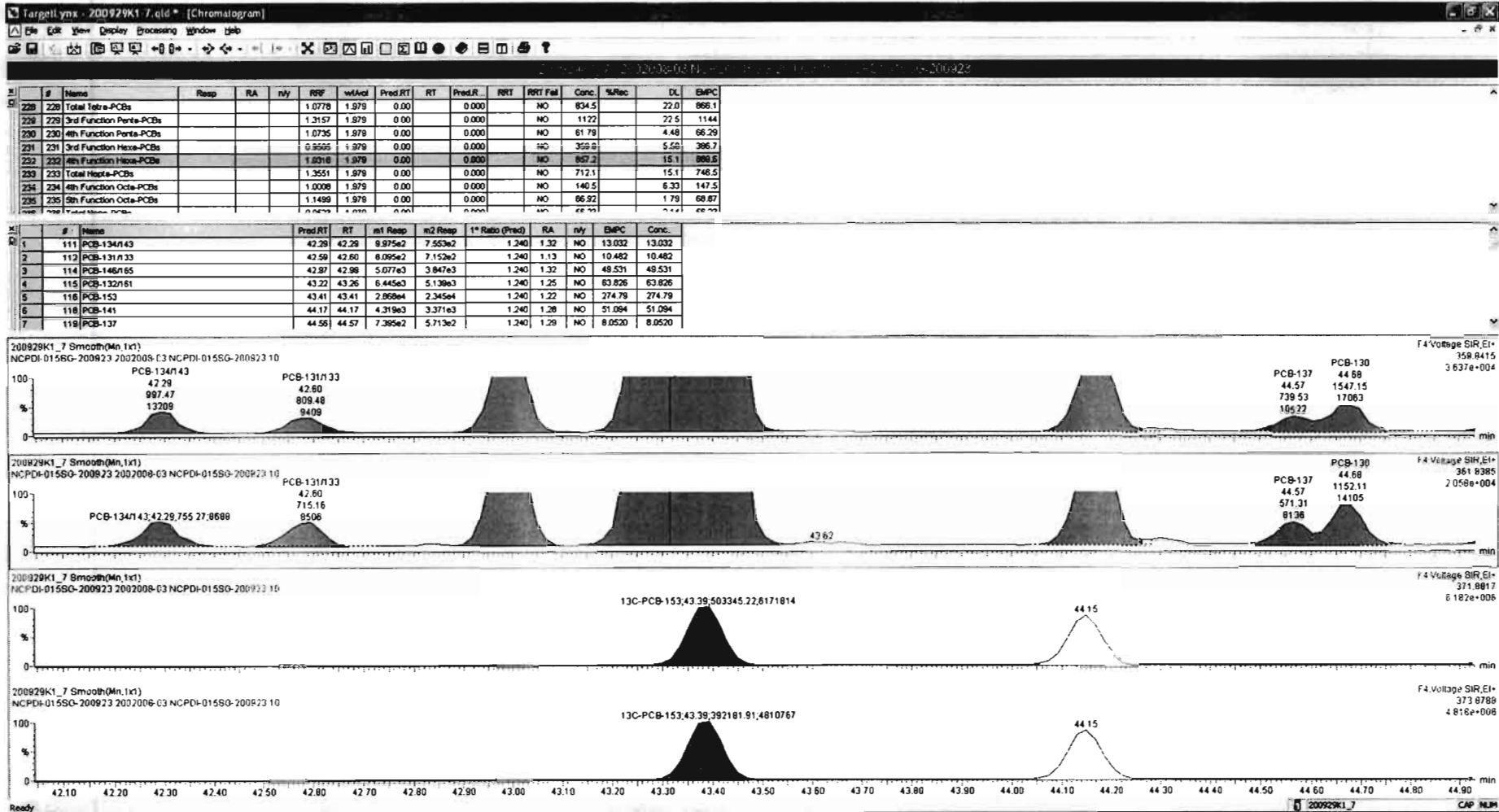
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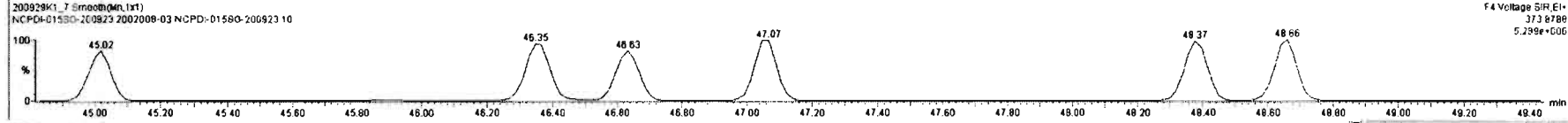
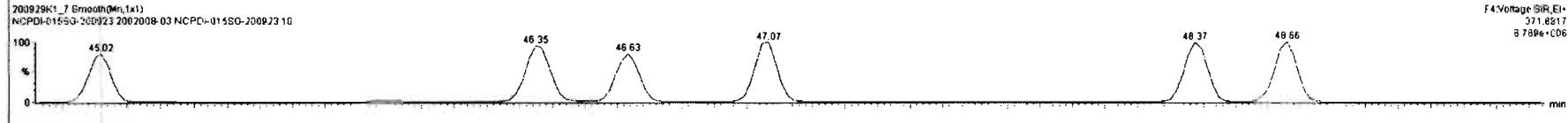
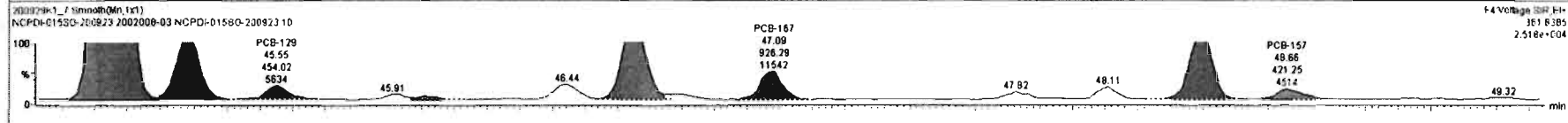
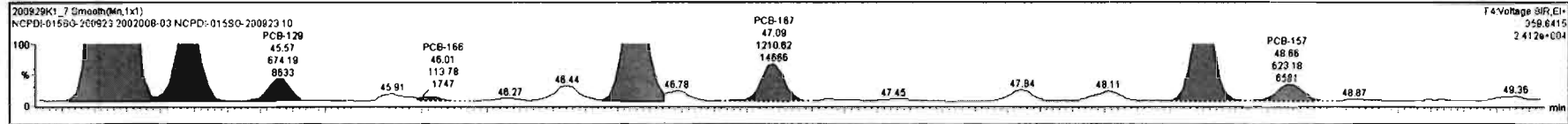
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#	Name	Resp	RA	nly	RF	whvol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	866.1
228	229 3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	1122		22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	61.79		4.48	66.29
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00		0.000		NO	359.8		5.58	366.7
232	232 4th Function Hexa-PCBs				1.8316	1.979	0.00		0.000		NO	857.2		15.1	869.6
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		6.33	147.5
235	235 5th Function Octa-PCBs				1.1499	1.979	0.00		0.000		NO	66.92		1.79	69.87

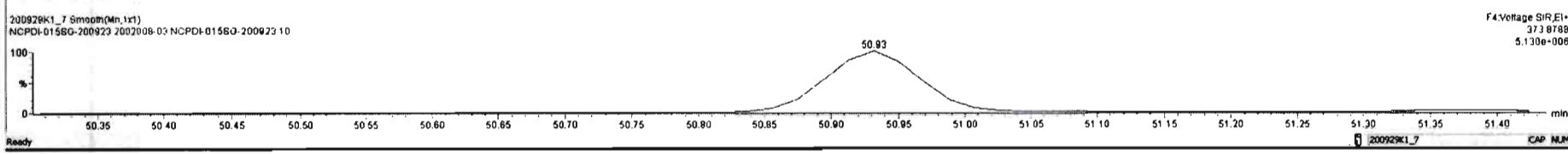
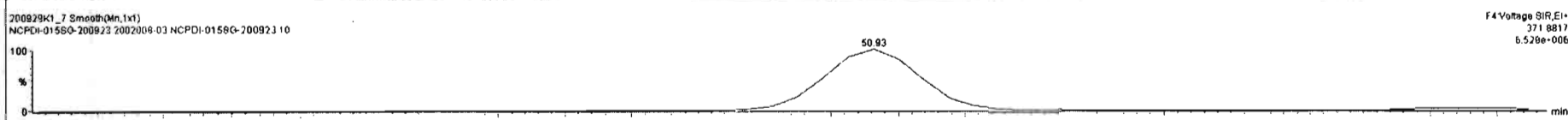
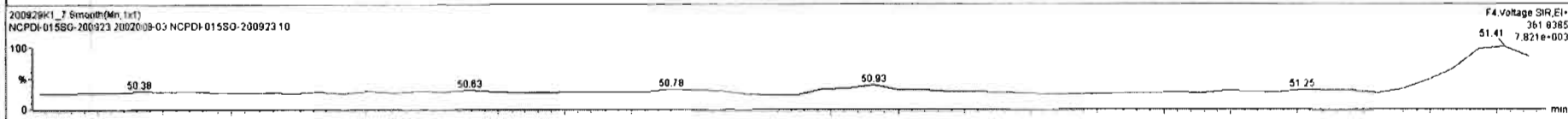
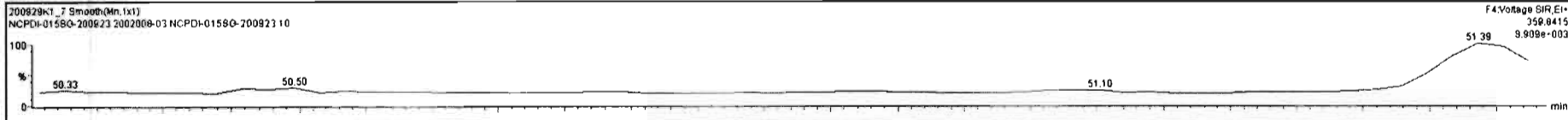
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10	122 PCB-156/160	45.30	45.29	2.679e3	2.099e3	1.240	1.28	NO	25.180	25.180
11	123 PCB-129	45.55	45.57	6.742e2	4.540e2	1.240	1.48	YES	7.6651	0.00000
12	124 PCB-166	46.03	46.01	1.138e2	1.074e2	1.240	1.06	NO	1.0058	1.0058
13	126 PCB-126/162	46.68	46.65	3.735e3	2.841e3	1.240	1.31	NO	37.665	37.665
14	127 PCB-167	47.09	47.09	1.211e3	9.263e2	1.240	1.31	NO	10.136	10.136
15	128 PCB-156	48.39	48.39	2.769e3	2.226e3	1.240	1.24	NO	23.521	23.521
16	129 PCB-157	48.69	48.66	6.232e2	4.212e2	1.240	1.48	YES	4.7753	0.00000



200929K1_7_2002008-03 NCPDI-0158G-200923 10 - F4.Voltge SIR.EI+

#	Name	Resp	RA	nly	RfF	wt/wt	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	834.5		22.0	868.1
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	1122		22.5	1144
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00		0.000		NO	81.79		4.48	86.29
231	231 3rd Function Hexa-PCBs				0.9506	1.979	0.00		0.000		NO	359.8		5.58	366.7
232	232 4th Function Hexa-PCBs				1.0318	1.979	0.00		0.000		NO	958.2		15.1	858.8
233	233 Total Hepta-PCBs				1.3551	1.979	0.00		0.000		NO	712.1		15.1	746.5
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00		0.000		NO	140.5		8.33	147.5
235	235 5th Function Octa-PCBs				1.1489	1.979	0.00		0.000		NO	88.82		1.79	88.87
236	236 Total Mono-PCBs				0.0000	1.979	0.00		0.000		NO	0.000		0.00	0.00

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	F/A	nly	EMPC	Conc
1	111 PCB-134/143	42.28	42.28	9.875e2	7.553e2	1.240	1.32	NO	13.032	13.032
2	112 PCB-131/133	42.58	42.80	8.095e2	7.152e2	1.240	1.13	NO	10.482	10.482
3	114 PCB-146/165	42.87	42.98	5.077e3	3.847e3	1.240	1.32	NO	49.531	49.531
4	115 PCB-132/181	43.22	43.26	6.445e3	5.139e3	1.240	1.25	NO	63.826	63.826
5	116 PCB-153	43.41	43.41	2.868e4	2.345e4	1.240	1.22	NO	274.79	274.79
6	118 PCB-141	44.17	44.17	4.319e3	3.371e3	1.240	1.28	NO	51.084	51.084
7	119 PCB-137	44.56	44.57	7.395e2	5.713e2	1.240	1.28	NO	8.0520	8.0520



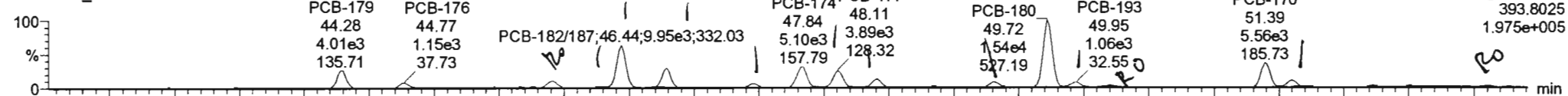
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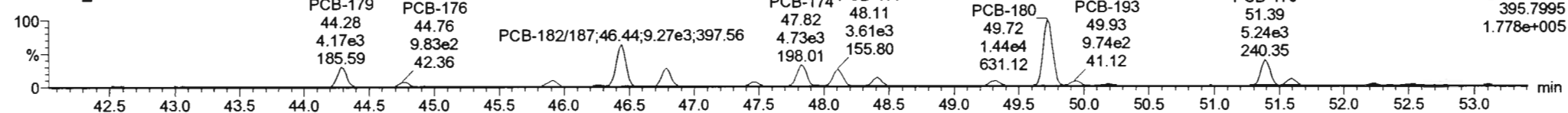
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200929K1_7

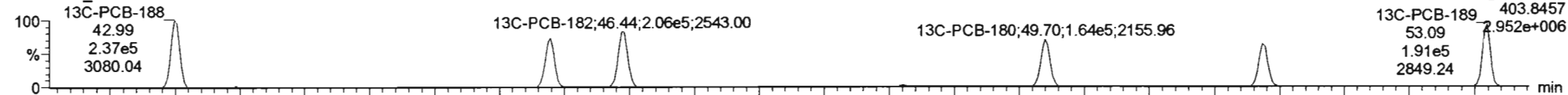


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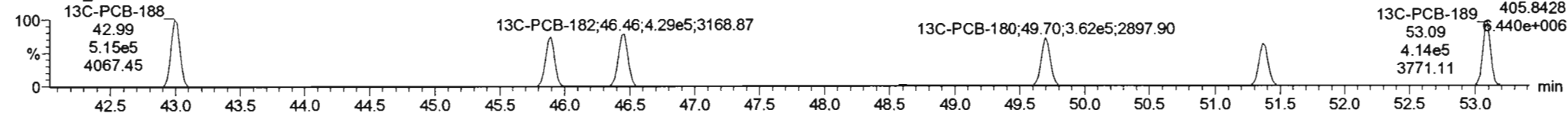


13C-PCB-188

200929K1_7

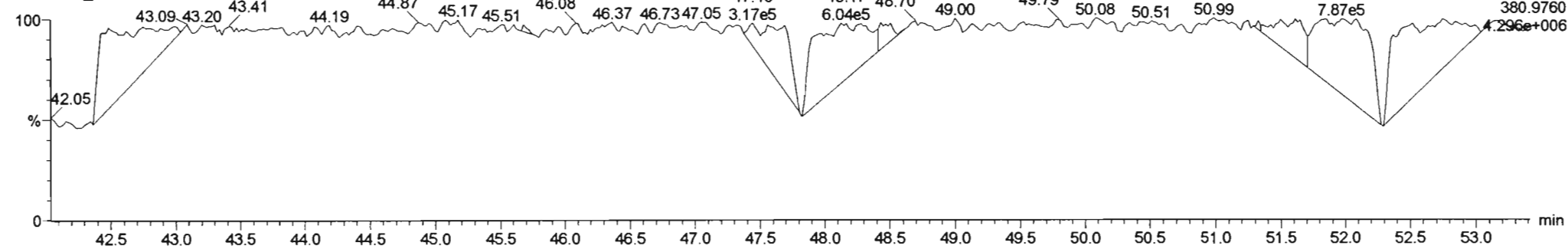


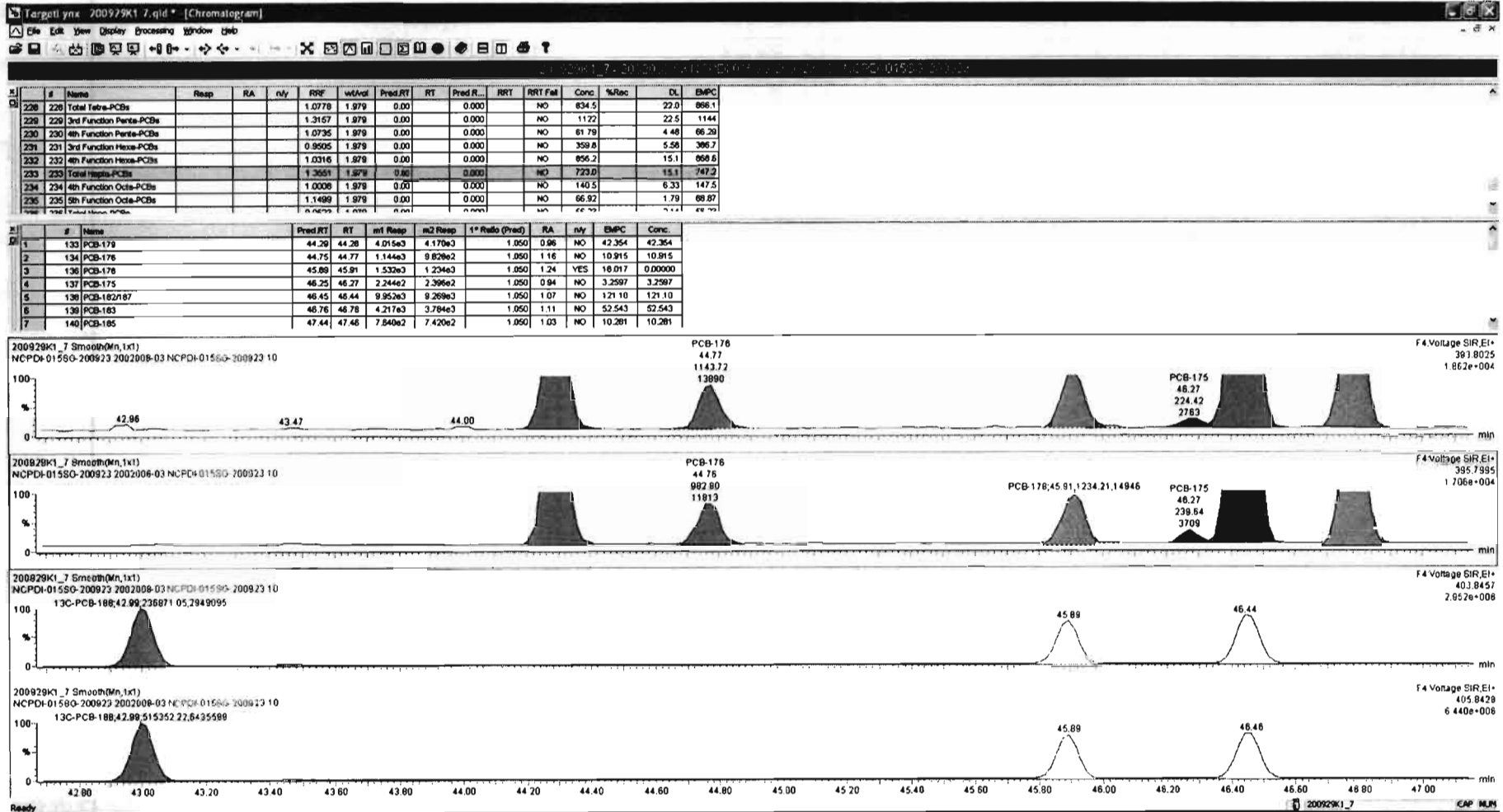
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PFK4c

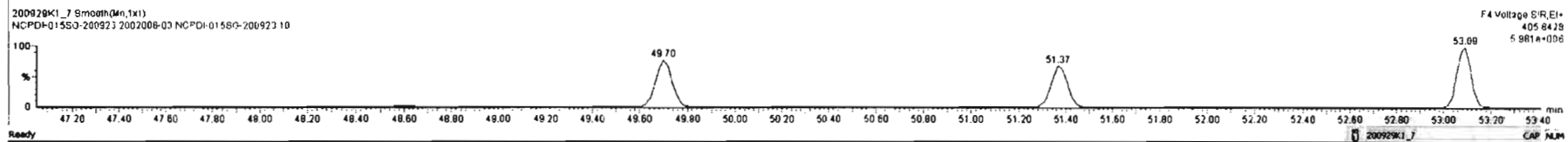
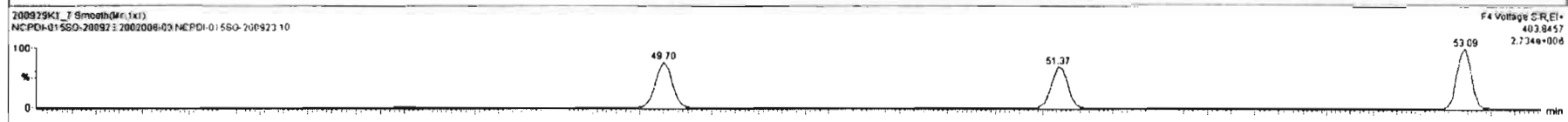
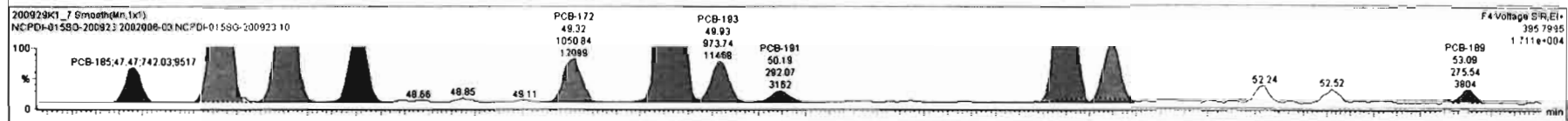
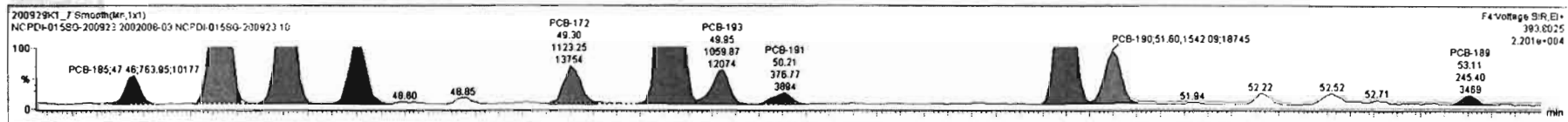
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#	Name	Resp	RA	n/y	RRF	wAval	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.979	0.00	0.000			NO	894.5	22.0	866.1	
229	3rd Function Penta-PCBs				1.3157	1.979	0.00	0.000			NO	1122	22.5	1144	
230	4th Function Penta-PCBs				1.0735	1.979	0.00	0.000			NO	61.79	4.48	66.29	
231	3rd Function Hexa-PCBs				0.9505	1.979	0.00	0.000			NO	359.8	5.50	386.7	
232	4th Function Hexa-PCBs				1.0316	1.979	0.00	0.000			NO	896.2	15.1	906.8	
233	Total Hepta-PCBs				1.3551	1.979	0.00	0.000			NO	723.0	15.1	747.2	
234	4th Function Octa-PCBs				1.0008	1.979	0.00	0.000			NO	140.5	6.33	147.5	
235	5th Function Octa-PCBs				1.1489	1.979	0.00	0.000			NO	66.82	1.79	68.87	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.20	44.28	4.015e3	4.170e3	1.050	0.96	NO	42.354	42.354
2	134 PCB-178	44.75	44.77	1.144e3	9.828e2	1.050	1.18	NO	10.915	10.915
3	136 PCB-178	45.80	45.91	1.532e3	1.234e3	1.050	1.24	YES	18.017	0.00000
4	137 PCB-175	46.25	46.27	2.244e2	2.396e2	1.050	0.94	NO	3.2597	3.2597
5	138 PCB-182/187	48.45	48.44	9.852e3	9.269e3	1.050	1.07	NO	121.10	121.10
6	139 PCB-183	48.78	48.78	4.217e3	3.784e3	1.050	1.11	NO	52.543	52.543
7	140 PCB-185	47.44	47.46	7.640e2	7.420e2	1.050	1.03	NO	10.281	10.281

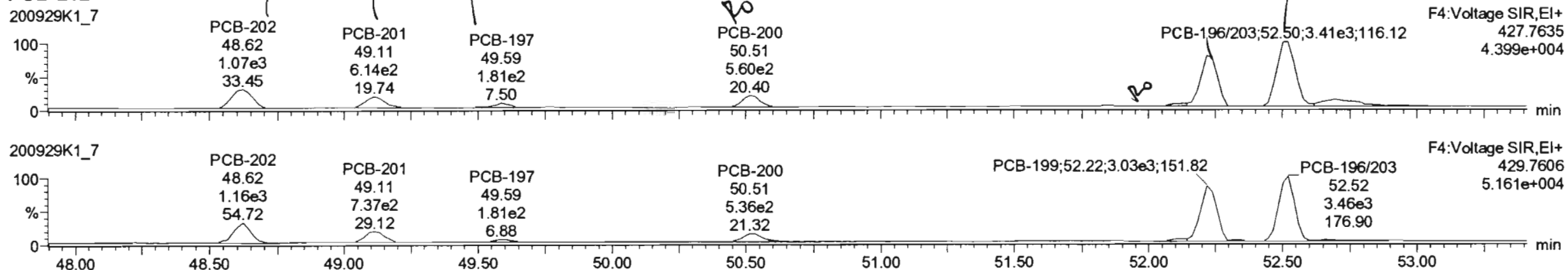


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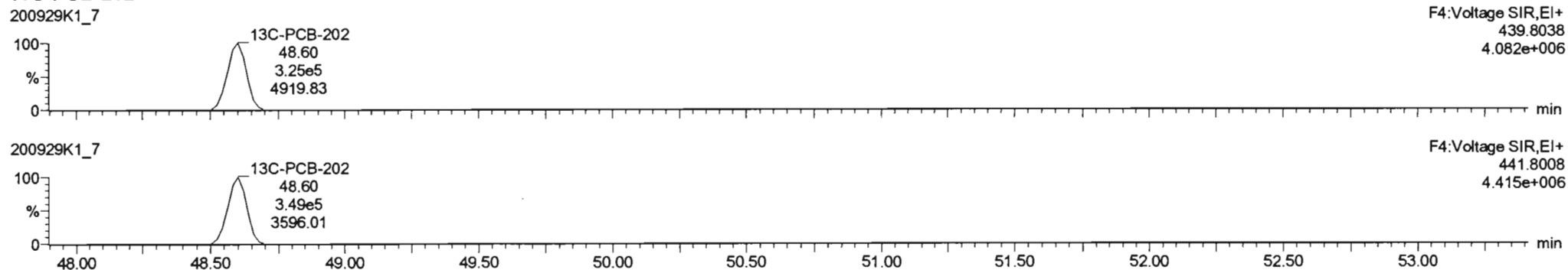
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 Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

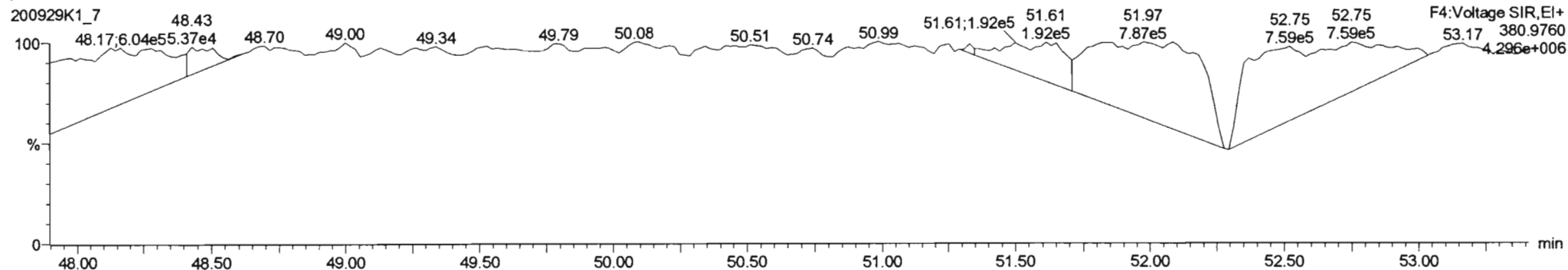
PCB-202



13C-PCB-202

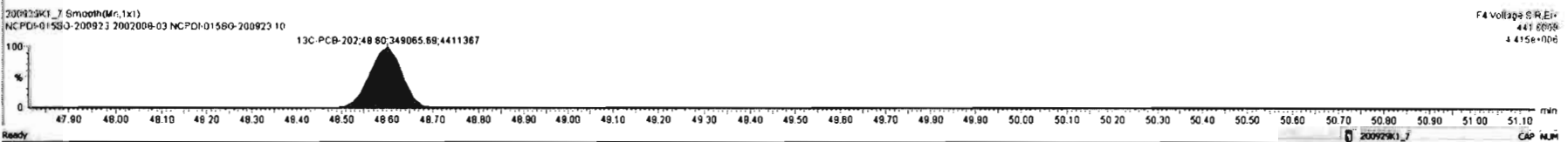
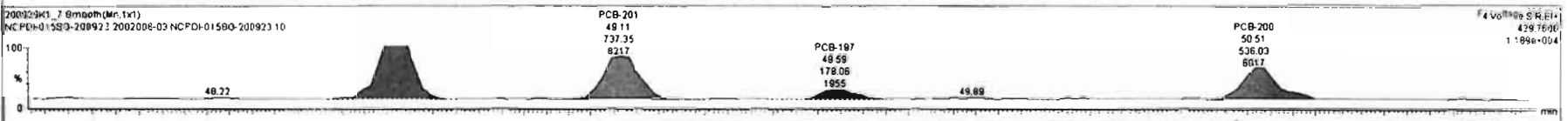
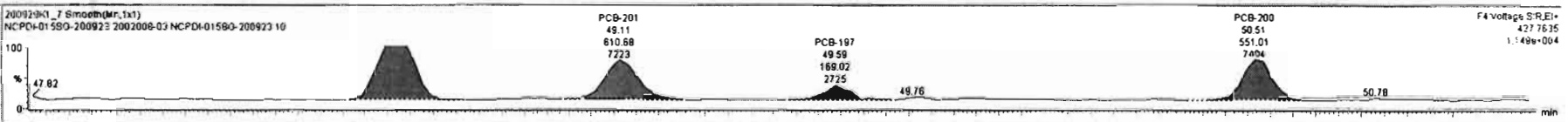


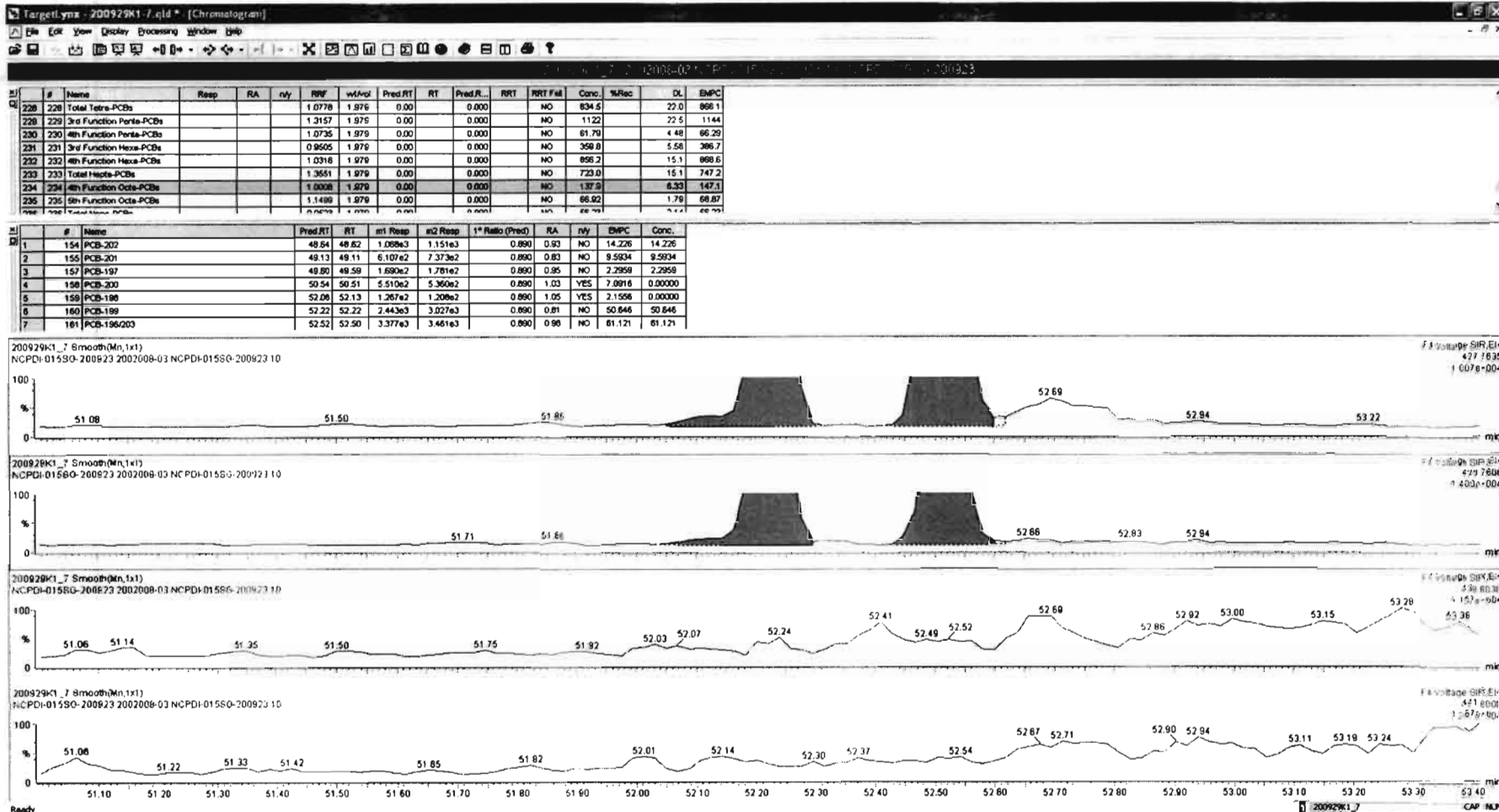
PFK4d



#	Name	Resp	RA	n/y	RRF	wVol	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00	0.000			NO	834.5	22.0	866.1	
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00	0.000			NO	1122	22.5	1144	
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00	0.000			NO	61.79	4.48	66.29	
231	231 3rd Function Hexa-PCBs				0.9505	1.979	0.00	0.000			NO	359.8	5.58	386.7	
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00	0.000			NO	856.2	15.1	868.6	
233	233 Total Hepta-PCBs				1.3551	1.979	0.00	0.000			NO	723.0	15.1	747.2	
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00	0.000			NO	137.8	8.33	147.1	
235	235 5th Function Octa-PCBs				1.1489	1.979	0.00	0.000			NO	66.92	1.79	68.87	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.64	48.62	1.059e3	1.151e3	0.890	0.93	NO	14.226	14.226
2	155 PCB-201	49.13	49.11	6.107e2	7.373e2	0.890	0.83	NO	9.5934	9.5934
3	157 PCB-197	49.60	49.59	1.690e2	1.781e2	0.890	0.95	NO	2.2959	2.2959
4	158 PCB-200	50.54	50.51	5.510e2	5.380e2	0.890	1.03	YES	7.0916	0.00000
5	159 PCB-198	52.08	52.13	1.287e2	1.208e2	0.890	1.05	YES	2.1558	0.00000
6	160 PCB-199	52.22	52.22	2.443e3	3.027e3	0.890	0.81	NO	50.646	50.646
7	161 PCB-196/203	52.52	52.50	3.377e3	3.461e3	0.890	0.98	NO	61.121	61.121



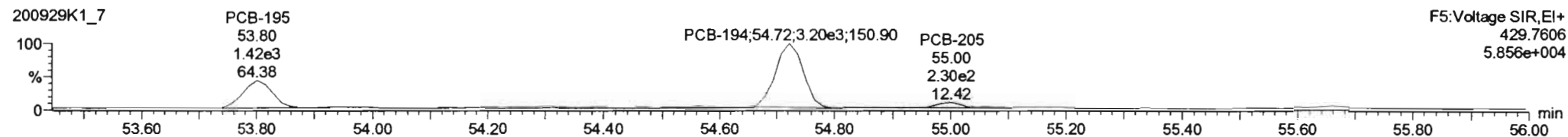
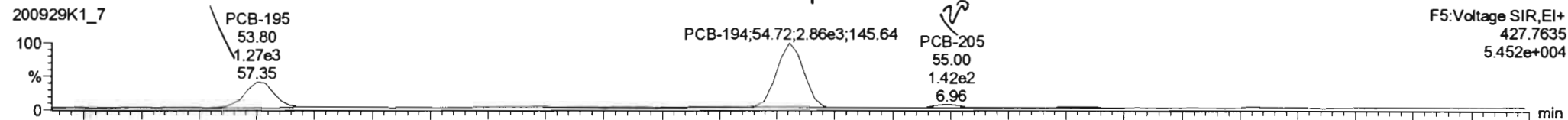


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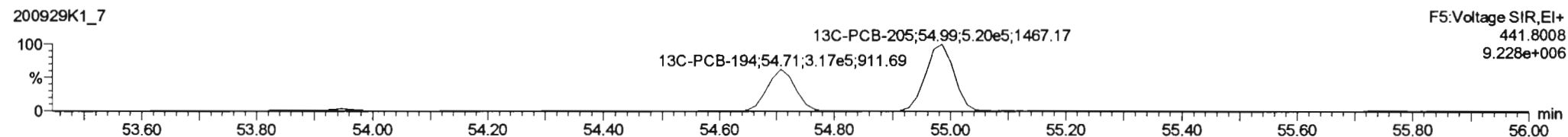
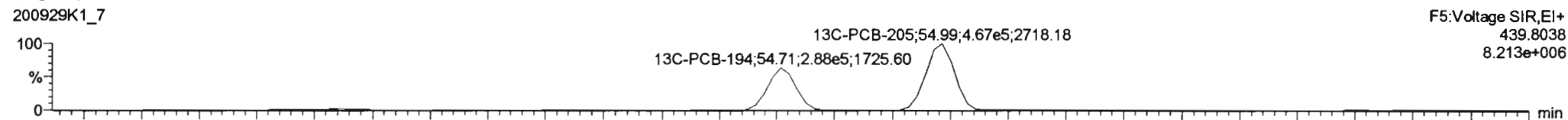
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_7, Date: 29-Sep-2020, Time: 20:54:35, ID: 2002008-03 NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

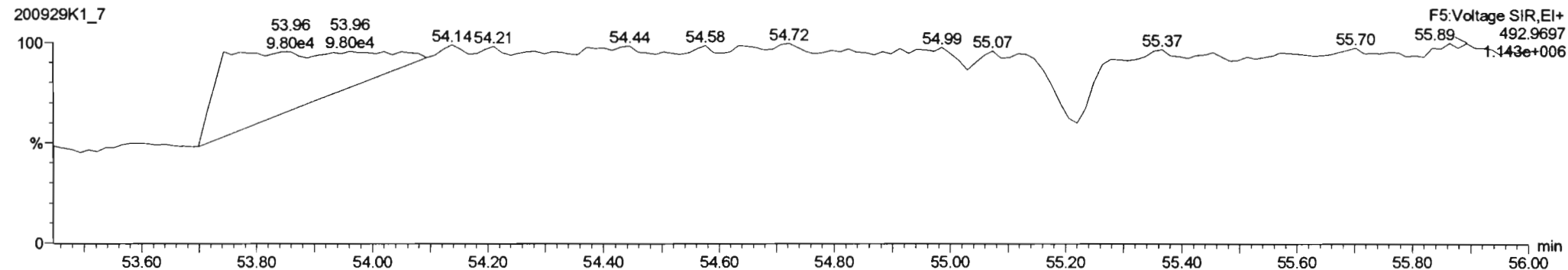
PCB-195



13C-PCB-194

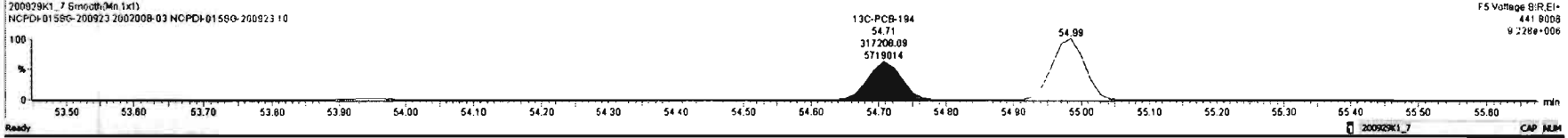
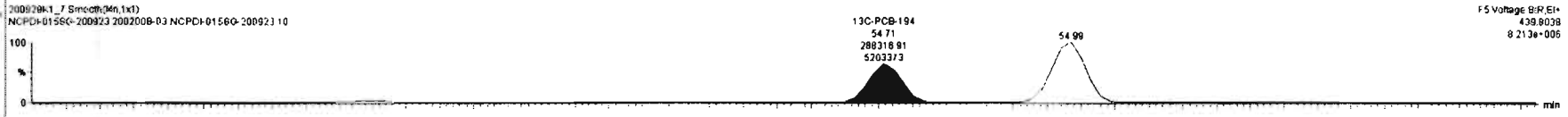
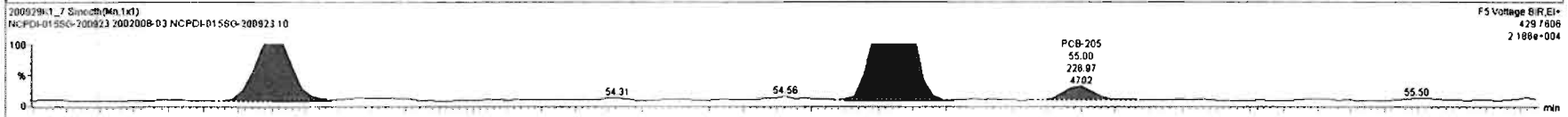
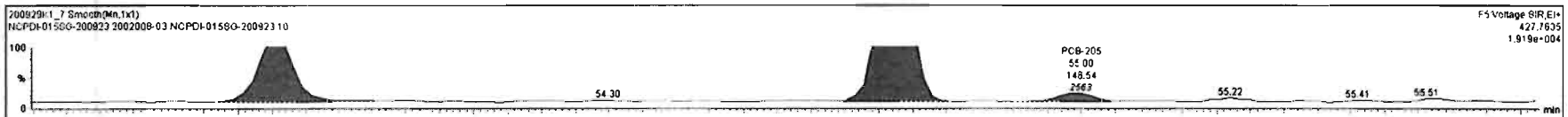


PFK5a



#	Name	Resp	RA	n/y	RRF	wtAvd	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.979	0.00	0.000	0.000	NO		834.5	77.0	886.1	
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00	0.000	0.000	NO		11.22	22.5	1144	
230	230 4th Function Penta-PCBs				1.0735	1.979	0.00	0.000	0.000	NO		61.79	4.48	66.29	
231	231 3rd Function Hexa-PCBs				0.8505	1.979	0.00	0.000	0.000	NO		358.8	5.58	386.7	
232	232 4th Function Hexa-PCBs				1.0316	1.979	0.00	0.000	0.000	NO		856.2	15.1	868.6	
233	233 Total Hepta-PCBs				1.3551	1.979	0.00	0.000	0.000	NO		723.0	15.1	747.2	
234	234 4th Function Octa-PCBs				1.0008	1.979	0.00	0.000	0.000	NO		137.8	6.33	147.1	
235	235 5th Function Octa-PCBs				1.1489	1.979	0.00	0.000	0.000	NO		87.50	1.78	89.51	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.82	53.80	1.268e3	1.466e3	0.890	0.87	NO	21.845	21.845
2	163 PCB-194	54.72	54.72	2.888e3	3.217e3	0.890	0.90	NO	45.852	45.852
3	164 PCB-205	55.00	55.00	1.485e2	2.270e2	0.890	0.85	YES	2.0142	0.00000



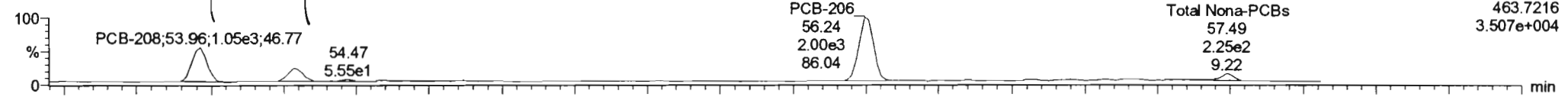
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Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

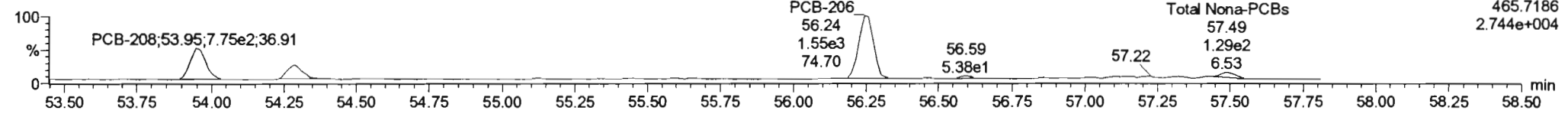
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PCB-208

200929K1_7

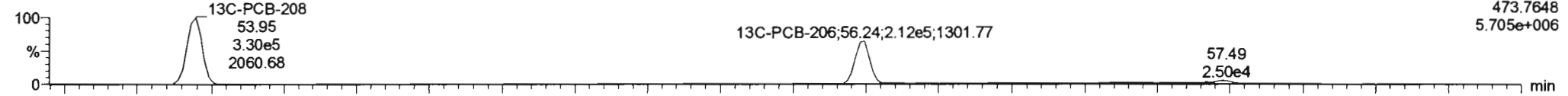


200929K1_7

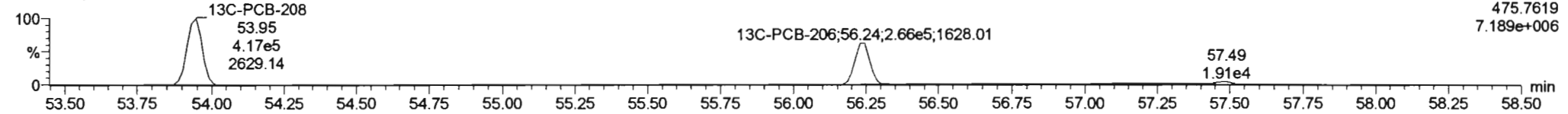


13C-PCB-208

200929K1_7

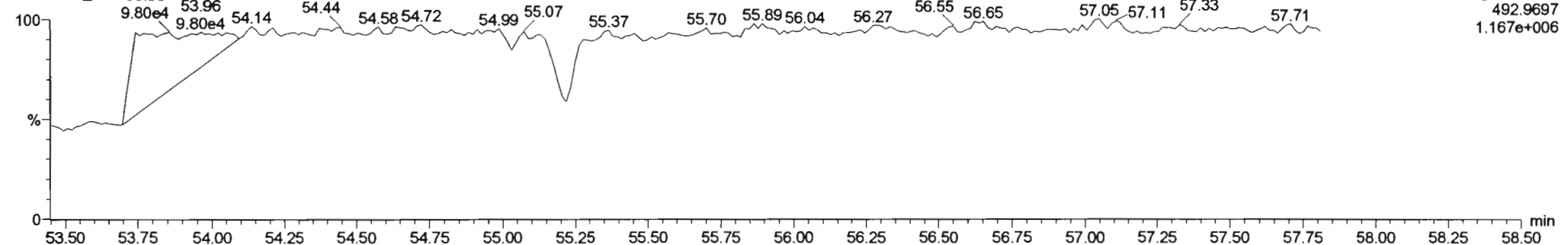


200929K1_7



PFK5

200929K1_7



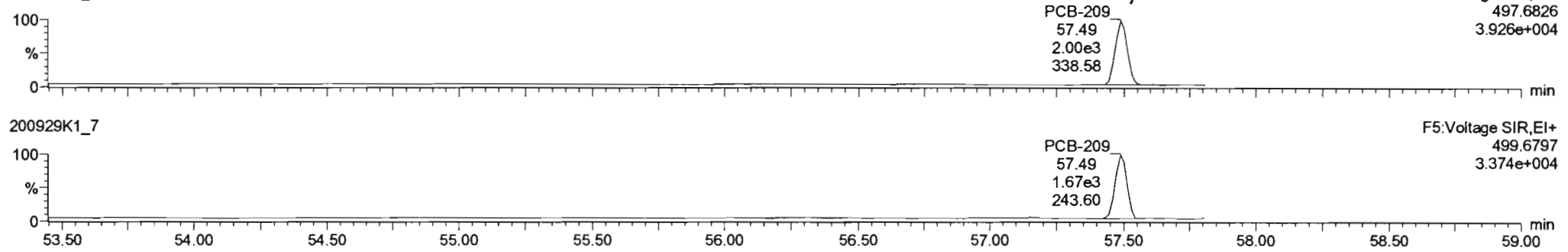
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Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

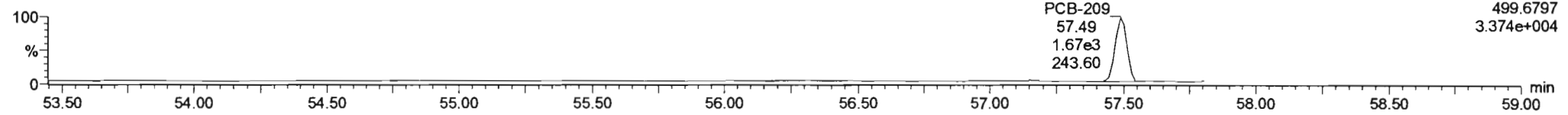
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PCB-209

200929K1_7

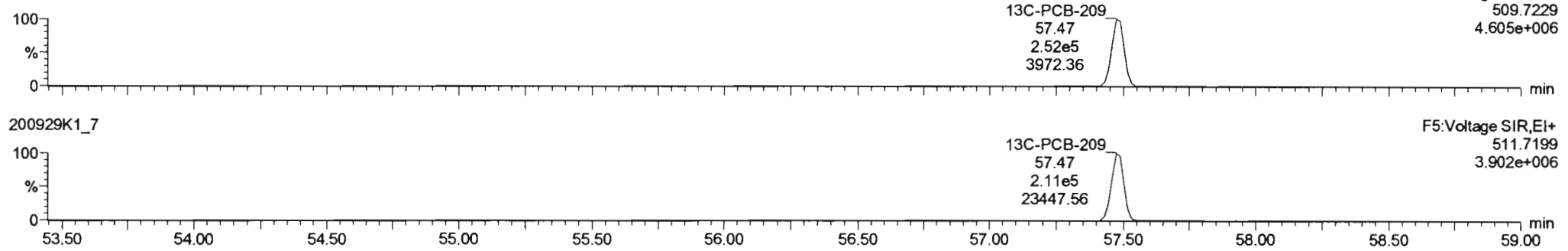


200929K1_7

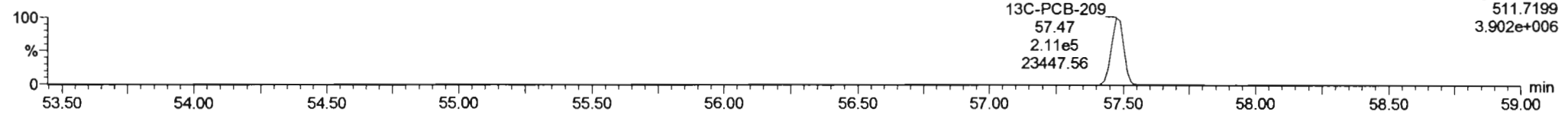


13C-PCB-209

200929K1_7

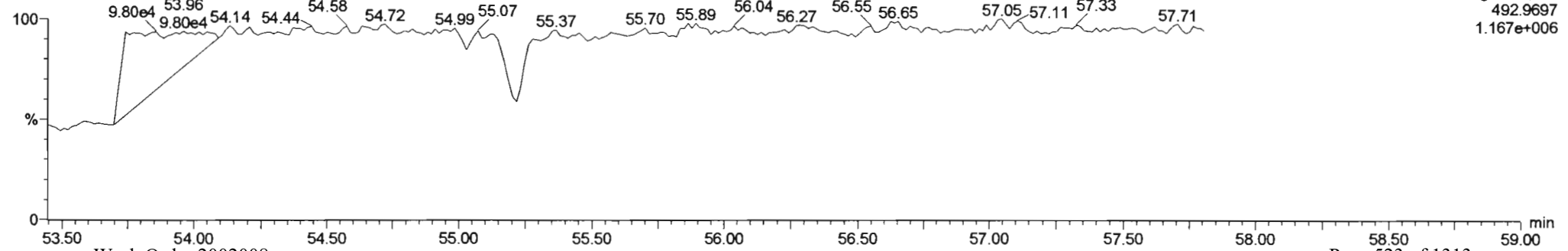


200929K1_7



PFK5b

200929K1_7



Dataset: U:\VG11.PRO\Results\200929K2\200929K2-12.qld

Last Altered: Wednesday, September 30, 2020 4:20:50 PM Pacific Daylight Time
Printed: Wednesday, September 30, 2020 4:21:41 PM Pacific Daylight Time

HL 9.30.2020

CT 10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K2_12, Date: 30-Sep-2020, Time: 14:10:43, ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1			NO	1.17	1.979	15.58		1.001		YES			6.19	
2	2 PCB-2			NO	1.18	1.979	18.00		0.988		YES			6.90	
3	3 PCB-3			NO	1.15	1.979	18.22		1.001		YES			7.11	
4	4 PCB-4/10			NO	1.25	1.979	19.65		1.004		YES			37.2	
5	5 PCB-7/9			NO	0.960	1.979	21.45		1.003		YES			27.0	
6	6 PCB-6			NO	1.02	1.979	22.10		1.033		YES			25.3	
7	7 PCB-5/8			NO	0.992	1.979	22.51		1.052		YES			26.1	
8	8 PCB-14			NO	1.02	1.979	23.65		0.951		YES			31.1	
9	9 PCB-11			NO	1.13	1.979	24.89		1.001		YES			28.1	
10	10 PCB-12/13			NO	1.03	1.979	25.32		1.018		YES			30.8	
11	11 PCB-15			NO	1.03	1.979	25.61		1.030		YES			30.6	
12	12 PCB-19			NO	1.11	1.979	23.83		1.001		YES			12.3	
13	13 PCB-30			NO	1.79	1.979	24.73		1.039		YES			7.56	
14	14 PCB-18	4.88e2	1.11	NO	0.818	1.979	25.51	25.54	0.952	0.953	NO	19.97		10.1	19.97
15	15 PCB-17			NO	0.758	1.979	25.70		0.959		YES			10.9	
16	16 PCB-24/27			NO	1.08	1.979	26.29		0.981		YES			7.61	
17	17 PCB-16/32	8.82e2	1.67	YES	0.925	1.979	26.82	26.82	1.001	1.001	NO	31.93		8.96	24.41
18	1... 13C-PCB-1	1.69e5	2.79	NO	0.893	1.979	15.56	15.57	0.608	0.609	NO	3441	68.1	55.1	
19	1... 13C-PCB-3	1.65e5	3.33	NO	0.911	1.979	18.21	18.21	0.712	0.712	NO	3287	65.0	54.1	
20	1... 13C-PCB-4	1.12e5	1.51	NO	0.600	1.979	19.57	19.57	0.765	0.765	NO	3382	66.9	18.5	
21	1... 13C-PCB-9	2.09e5	1.60	NO	0.970	1.979	21.40	21.39	0.837	0.836	NO	3916	77.5	11.5	
22	1... 13C-PCB-11	2.16e5	1.57	NO	0.962	1.979	24.86	24.87	0.972	0.972	NO	4089	80.9	11.6	
23	1... 13C-PCB-19	9.61e4	1.05	NO	0.499	1.979	23.82	23.80	0.931	0.930	NO	3500	69.3	172	
24	1... 13C-PCB-32	1.51e5	1.03	NO	0.744	1.979	26.81	26.80	1.048	1.048	NO	3685	72.9	116	
25	2... 13C-PCB-15	2.78e5	1.56	NO	1.00	1.979	25.54	25.58	1.000	0.000	NO	5053	100	11.1	

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-12.qld

Last Altered: Wednesday, September 30, 2020 4:20:50 PM Pacific Daylight Time

Printed: Wednesday, September 30, 2020 4:21:47 PM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K2_12, Date: 30-Sep-2020, Time: 14:10:43, ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	2... Total Mono-PCBs				1.17	1.979	0.00		0.000		NO			20.2	7.1
2	2... Total Di-PCBs				1.05	1.979	0.00		0.000		NO			286	37.2
3	2... 2nd Function Tri-PCBs				1.08	1.979	0.00		0.000		NO	19.97	290.47	57.3	44.98

231.07

234.0

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-12.qld

Last Altered: Wednesday, September 30, 2020 4:20:50 PM Pacific Daylight Time

Printed: Wednesday, September 30, 2020 4:21:05 PM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Callbration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

Total Mono-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

2nd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-18	25.51	25.54	4.856e3	5.209e3	2.565e2	2.311e2	1.11	NO	4.876e2	19.974	19.974	10.1
2	PCB-16/32	26.82	26.82	6.272e3	4.637e3	5.515e2	3.305e2	1.67	YES	8.820e2	0.00000	24.407	8.90

3rd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-31	28.73	28.74	1.908e4	1.711e4	1.396e3	1.297e3	1.08	NO	2.693e3	60.607	60.607	10.9
2	PCB-28	28.83	28.83	2.146e4	1.882e4	1.684e3	1.642e3	1.03	NO	3.325e3	75.660	75.660	11.0
3	PCB-20/21/33	29.47	29.50	9.969e3	8.975e3	8.872e2	8.294e2	1.07	NO	1.717e3	42.531	42.531	12.0

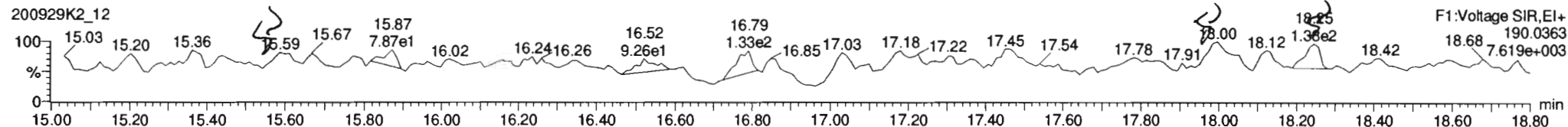
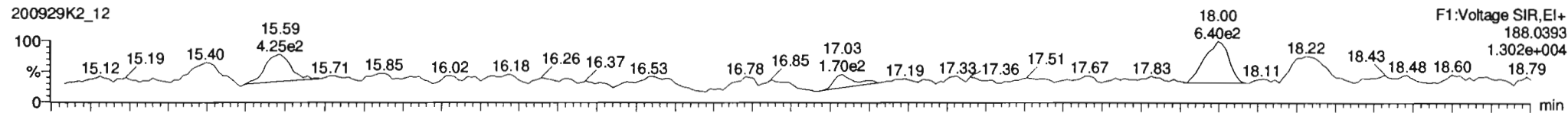
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Last Altered: Wednesday, September 30, 2020 15:27:23 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 15:28:04 Pacific Daylight Time

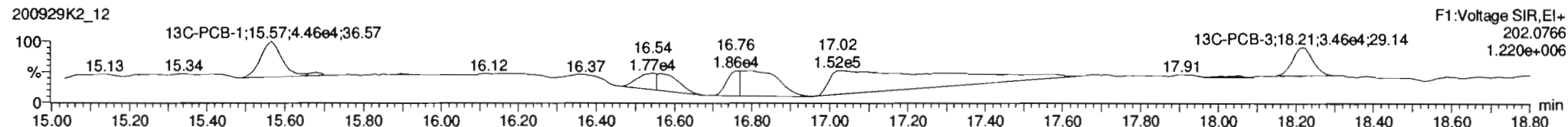
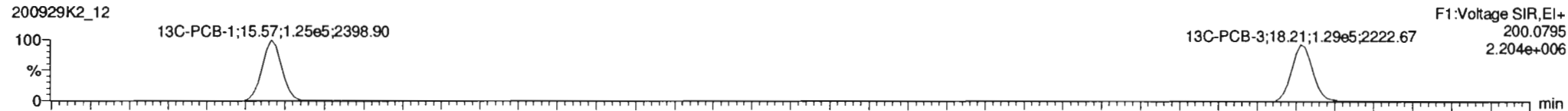
Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K2_12, Date: 30-Sep-2020, Time: 14:10:43, ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

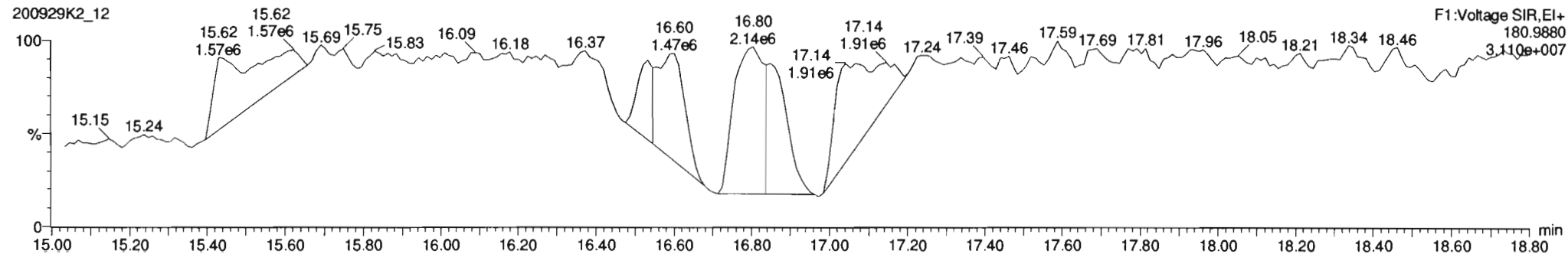
PCB-1

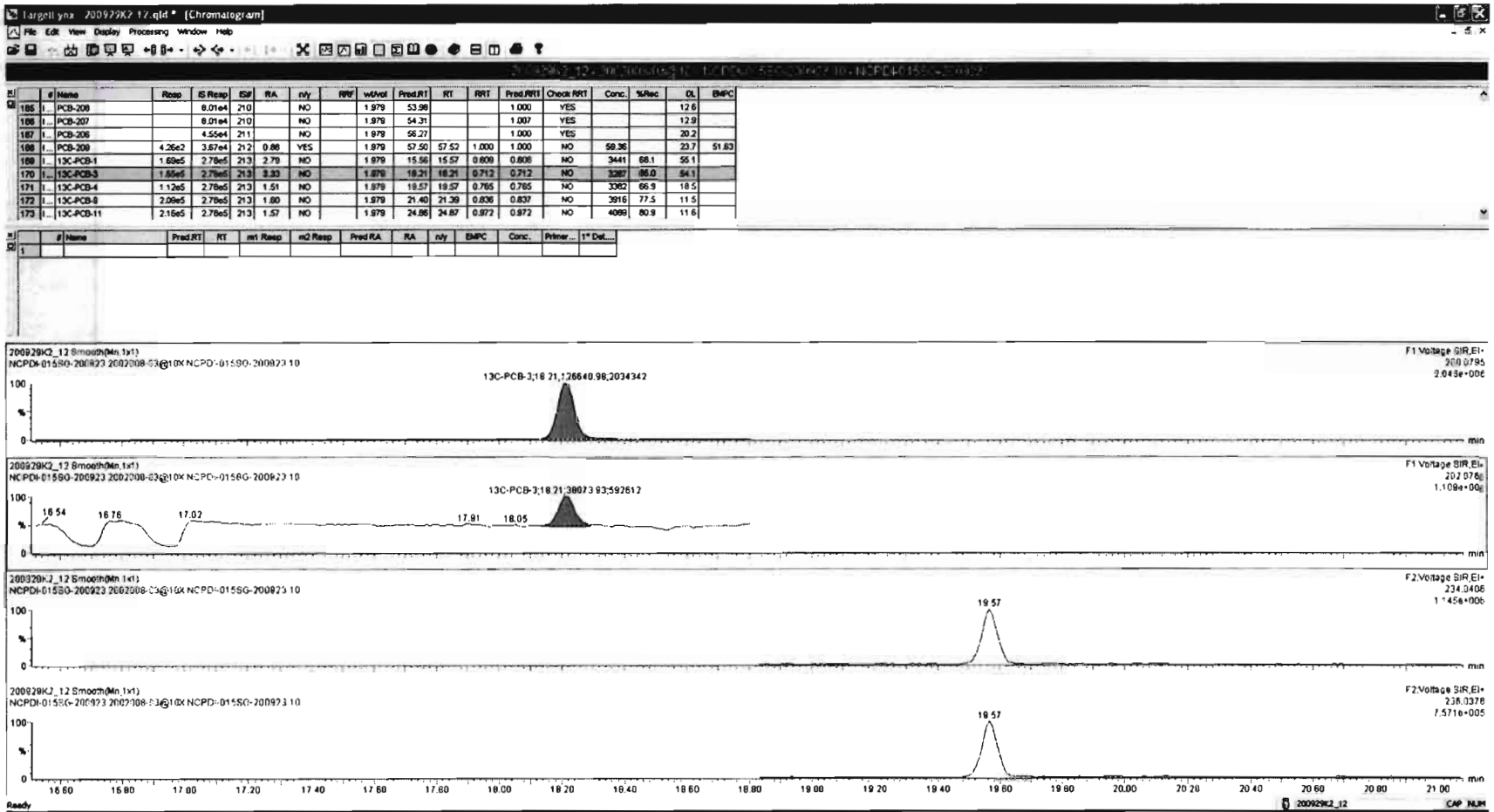


13C-PCB-1



PFK1



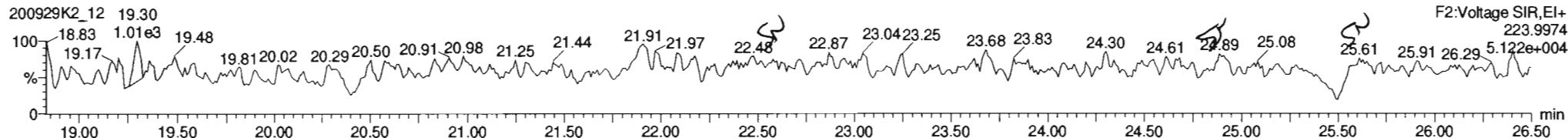
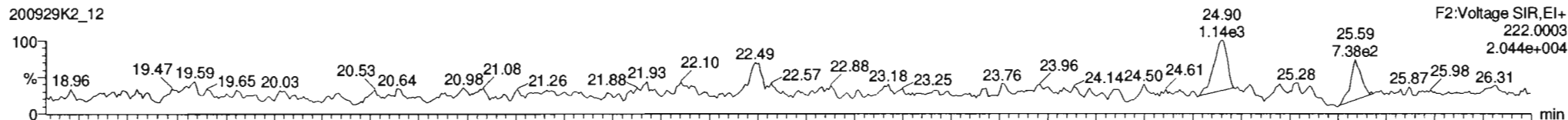


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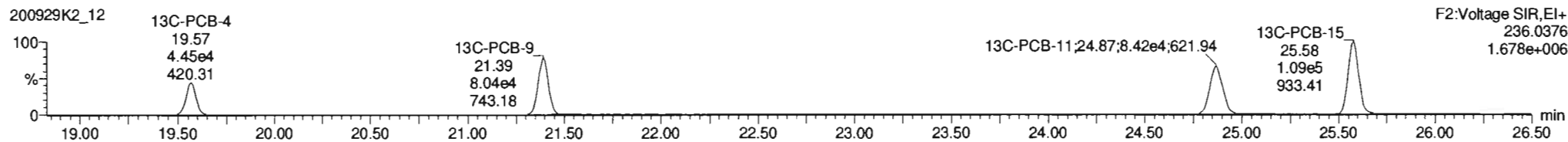
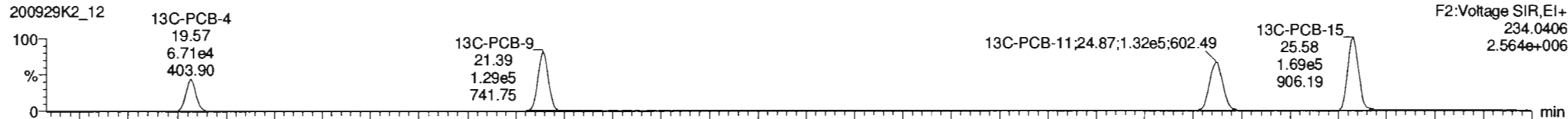
Last Altered: Wednesday, September 30, 2020 15:27:23 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 15:28:04 Pacific Daylight Time

Name: 200929K2_12, Date: 30-Sep-2020, Time: 14:10:43, ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

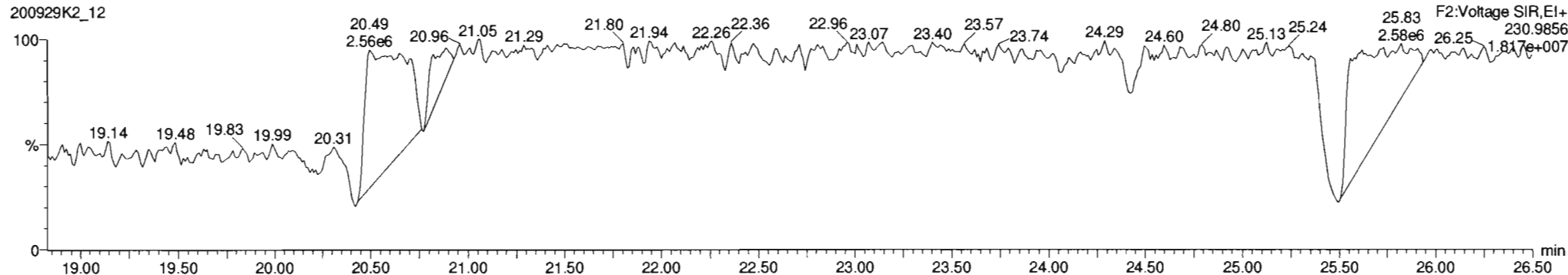
PCB-4/10



13C-PCB-4



PFK2a

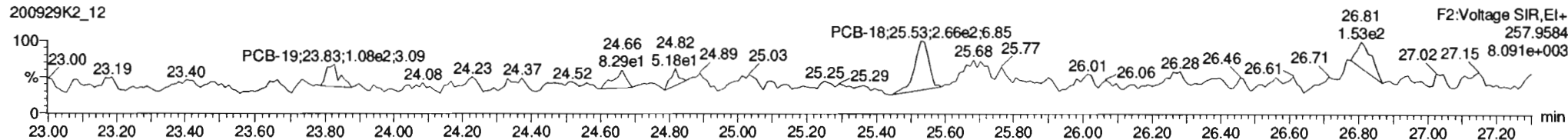
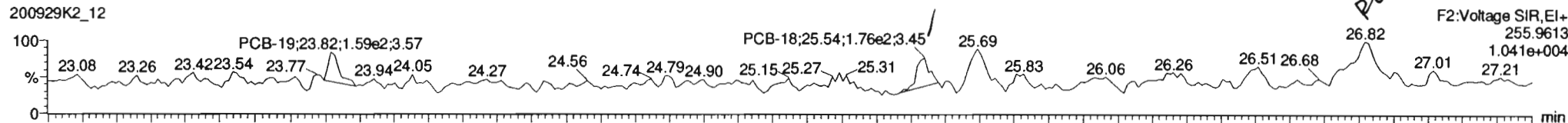


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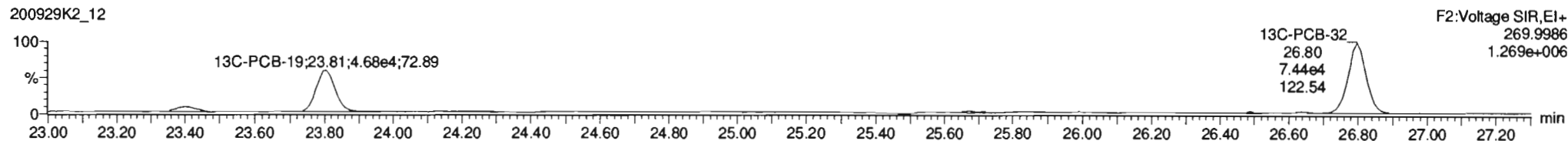
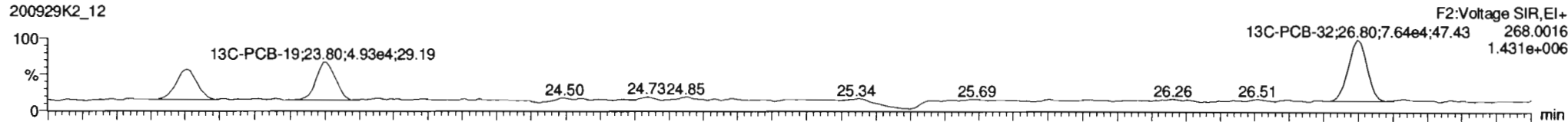
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Printed: Wednesday, September 30, 2020 15:28:04 Pacific Daylight Time

Name: 200929K2_12, Date: 30-Sep-2020, Time: 14:10:43, ID: 2002008-03@10X NCPDI-015SG-200923 10, Description: NCPDI-015SG-200923

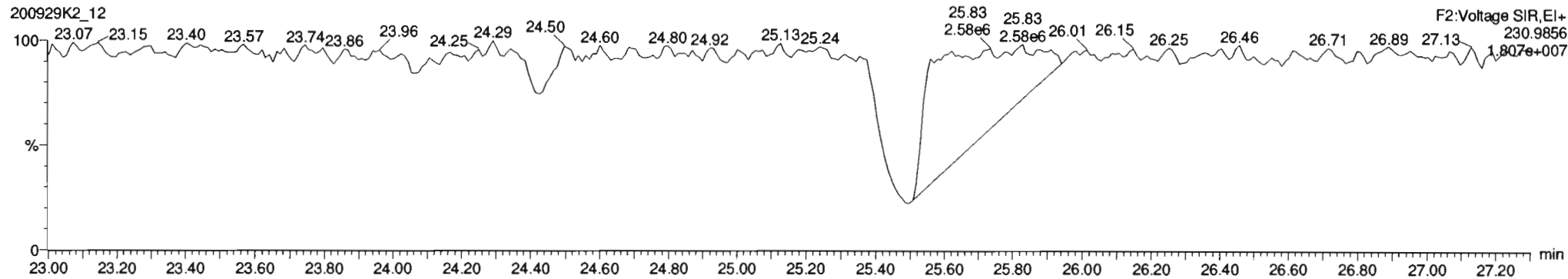
PCB-19



13C-PCB-19



PFK2b

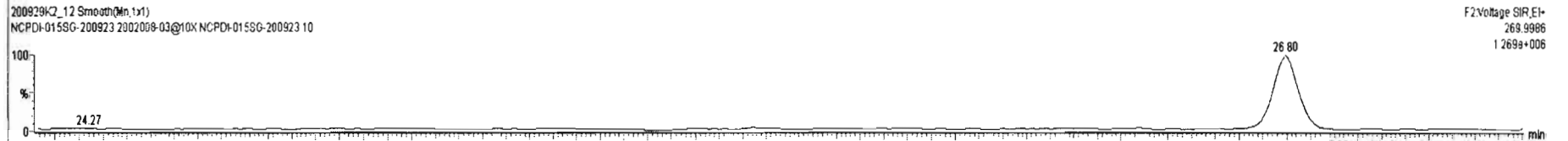
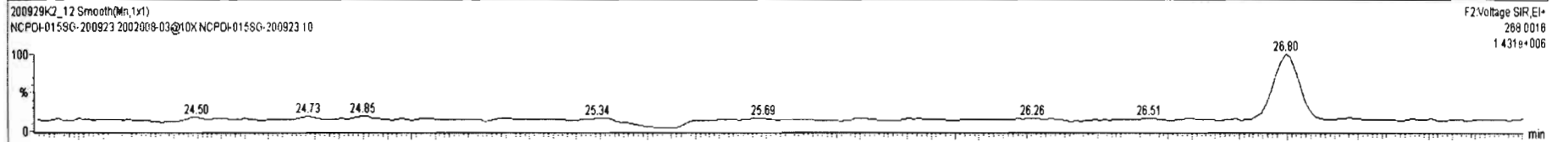
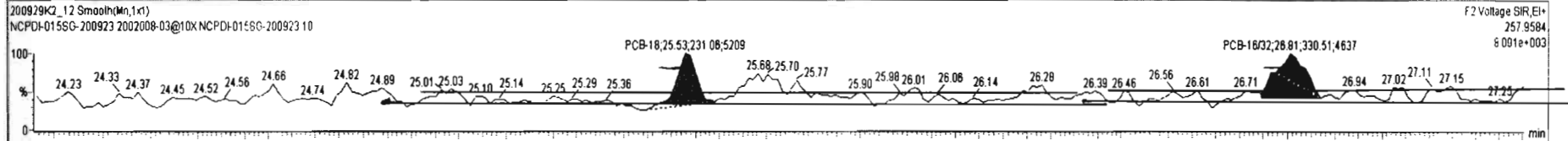
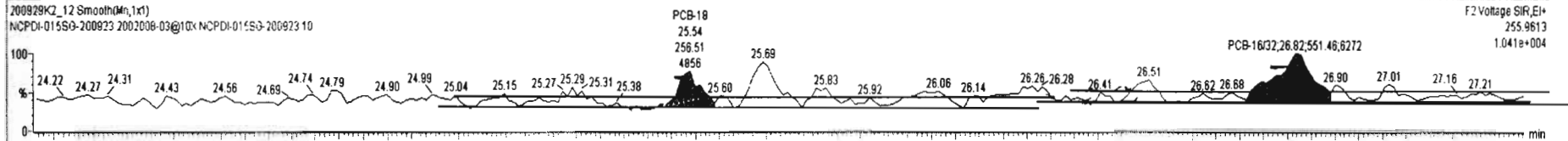




200929K2_12_200908-03@10X NCPDI-015SG-200923 10X NCPDI-015SG-200923

#	Name	Resp	RA	nly	RPF	wtAvl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	6.29e4	0.47	NO	0.7865	1.979	45.93	45.93	0.988	0.988	NO	3992	79.0	56.6	
222	222 13C-PCB-79	1.82e5	0.76	NO	1.0821	1.979	37.84	37.84	0.968	0.968	NO	4425	87.6	27.5	
223	223 13C-PCB-178	6.30e4	0.47	NO	1.0598	1.979	45.93	45.93	0.923	0.923	NO	4517	89.4	62.3	
224	224 Total Mono-PCBs				1.1865	1.979	0.00		0.000		NO			20.5	
225	225 Total Di-PCBs				1.0537	1.979	0.00		0.000		NO			236	
226	226 3rd Function Tri-PCBs				1.0907	1.979	0.00		0.000		NO	19.97		57.3	44.38
227	227 3rd Function Tetra-PCBs				0.9828	1.979	0.00		0.000		NO	178.8		163	178.8
228	228 Total Tetra-PCBs				1.0778	1.979	0.00		0.000		NO	606.8		339	863.6
229	229 3rd Function Penta-PCBs				1.3157	1.979	0.00		0.000		NO	229.3		2290	753.3

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	14 PCB-18	25.51	25.54	2.565e2	2.311e2	1.040	1.11	NO	19.974	19.974
2	17 PCB-1632	26.82	26.82	5.515e2	3.305e2	1.040	1.67	YES	24.407	0.00000



Ready

200929K2_12 CAP NUM

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-8C.qld

Last Altered: Friday, October 02, 2020 11:58:17 Pacific Daylight Time

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He 10-2-2020 for HW
CT 10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.48e3	2.64	YES	1.17	1.569	15.57	15.58	1.001	1.001	NO	5.749		1.02	5.503
2	2 PCB-2	3.02e3	2.89	NO	1.18	1.569	18.00	18.00	0.988	0.988	NO	10.66		0.890	10.66
3	3 PCB-3	2.14e3	3.26	NO	1.15	1.569	18.22	18.24	1.001	1.001	NO	7.787		0.917	7.787
4	4 PCB-4/10				1.25	1.569	19.64		1.004		YES			0.776	
5	5 PCB-7/9			NO	0.960	1.569	21.43		1.003		YES			4.36	
6	6 PCB-6			NO	1.02	1.569	22.08		1.033		YES			4.09	
7	7 PCB-5/8			NO	0.992	1.569	22.49		1.052		YES			4.22	
8	8 PCB-14			NO	1.02	1.569	23.64		0.951		YES			5.01	
9	9 PCB-11	1.27e4	1.50	NO	1.13	1.569	24.88	24.88	1.001	1.001	NO	38.57		0.665	38.57
10	10 PCB-12/13			NO	1.03	1.569	25.31		1.018		YES			4.96	
11	11 PCB-15	9.00e3	1.02	YES	1.03	1.569	25.60	25.58	1.030	1.029	NO	29.77		0.724	24.69
12	12 PCB-19	2.36e3	1.07	NO	1.11	1.569	23.83	23.82	1.001	1.001	NO	15.28		1.17	15.28
13	13 PCB-30			NO	1.79	1.569	24.73		1.039		YES			0.724	
14	14 PCB-18	4.12e3	1.01	NO	0.818	1.569	25.50	25.52	0.952	0.953	NO	23.56		1.05	23.56
15	15 PCB-17	4.50e3	1.07	NO	0.758	1.569	25.69	25.67	0.959	0.958	NO	27.80		1.13	27.80
16	16 PCB-24/27	1.12e3	0.93	NO	1.08	1.569	26.28	26.24	0.981	0.980	NO	4.852		0.794	4.852
17	17 PCB-16/32	6.82e3	1.14	NO	0.925	1.569	26.81	26.80	1.001	1.000	NO	34.48		0.928	34.48
18	18 PCB-34			NO	0.945	1.569	27.62		0.959		YES			1.30	
19	19 PCB-23			NO	0.883	1.569	27.71		0.962		YES			1.39	
20	20 PCB-29			NO	0.893	1.569	27.97		0.971		YES			1.38	
21	21 PCB-26	4.44e3	1.00	NO	0.944	1.569	28.17	28.18	0.979	0.979	NO	16.93		1.30	16.93
22	22 PCB-25	2.59e3	0.86	YES	0.950	1.569	28.34	28.35	0.984	0.984	NO	9.817		1.29	8.925
23	23 PCB-31	1.84e4	1.10	NO	1.04	1.569	28.71	28.70	0.997	0.997	NO	63.77		1.19	63.77
24	24 PCB-28	2.72e4	1.08	NO	1.03	1.569	28.81	28.81	1.001	1.001	NO	95.48		1.20	95.48
25	25 PCB-20/21/33	9.53e3	1.08	NO	0.941	1.569	29.45	29.46	1.023	1.023	NO	36.45		1.31	36.45
26	26 PCB-22	6.32e3	0.96	NO	0.973	1.569	29.91	29.91	1.039	1.039	NO	23.38		1.26	23.38
27	27 PCB-36			NO	1.08	1.569	30.55		0.931		YES			1.31	
28	28 PCB-39			NO	0.988	1.569	31.02		0.946		YES			1.43	
29	29 PCB-38	8.60e2	1.12	NO	1.05	1.569	31.83	31.85	0.970	0.971	NO	3.220		1.34	3.220
30	30 PCB-35	5.79e2	1.10	NO	1.04	1.569	32.37	32.37	0.987	0.987	NO	2.187		1.35	2.187
31	31 PCB-37	8.39e3	1.20	YES	1.01	1.569	32.81	32.81	1.001	1.001	NO	32.77		1.40	30.43
32	32 PCB-54	2.12e3	0.84	NO	1.08	1.569	27.66	27.66	1.001	1.001	NO	10.80		0.868	10.80

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-8C.qld

Last Altered: Friday, October 02, 2020 11:58:17 Pacific Daylight Time

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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50			NO	0.880	1.569	28.86		1.044		YES			1.07	
34	34 PCB-53	6.11e3	0.81	NO	0.997	1.569	29.54	29.54	0.944	0.944	NO	40.50		1.15	40.50
35	35 PCB-51	8.55e3	0.75	NO	1.07	1.569	29.90	29.87	0.956	0.955	NO	53.02		1.08	53.02
36	36 PCB-45	2.23e3	0.85	NO	0.858	1.569	30.34	30.32	0.970	0.969	NO	17.12		1.34	17.12
37	37 PCB-46	1.11e3	0.80	NO	0.831	1.569	30.85	30.82	0.986	0.985	NO	8.859		1.38	8.859
38	38 PCB-52/69	3.63e4	0.76	NO	1.17	1.569	31.33	31.31	1.001	1.001	NO	205.4		0.983	205.4
39	39 PCB-73	6.32e2	0.59	YES	1.44	1.569	31.46	31.44	1.005	1.005	NO	2.802		0.794	2.475
40	40 PCB-43/49	2.38e4	0.79	NO	1.02	1.569	31.61	31.62	1.010	1.011	NO	154.3		1.13	154.3
41	41 PCB-47	1.86e4	0.76	NO	0.922	1.569	31.83	31.83	1.001	1.001	NO	125.5		1.20	125.5
42	42 PCB-48/75	4.56e3	0.82	NO	1.12	1.569	31.94	31.96	1.004	1.005	NO	25.38		0.991	25.38
43	43 PCB-65			NO	1.28	1.569	32.22		1.013		YES			0.866	
44	44 PCB-62			NO	1.13	1.569	32.33		1.016		YES			0.985	
45	45 PCB-44	1.64e4	0.77	NO	0.824	1.569	32.67	32.65	1.027	1.026	NO	123.8		1.35	123.8
46	46 PCB-42/59	6.70e3	0.84	NO	1.05	1.569	32.87	32.89	1.033	1.034	NO	39.77		1.06	39.77
47	47 PCB-41/64/71/72	2.22e4	0.73	NO	1.19	1.569	33.50	33.48	1.053	1.053	NO	116.7		0.935	116.7
48	48 PCB-68	8.39e2	0.73	NO	1.28	1.569	33.77	33.74	1.062	1.061	NO	4.090		0.869	4.090
49	49 PCB-40	2.50e3	0.85	NO	0.602	1.569	33.99	33.97	1.069	1.068	NO	25.92		1.84	25.92
50	50 PCB-57	2.24e2	1.24	YES	1.16	1.569	34.34	34.34	0.969	0.969	NO	0.9096		0.810	0.7902
51	51 PCB-67	7.75e2	0.63	YES	1.08	1.569	34.65	34.66	0.978	0.978	NO	3.712		0.872	3.301
52	52 PCB-58	2.85e2	1.57	YES	1.20	1.569	34.77	34.75	0.981	0.981	NO	1.201		0.796	0.8487
53	53 PCB-63	1.50e3	1.02	YES	1.07	1.569	34.94	34.94	0.986	0.986	NO	7.251		0.802	6.369
54	54 PCB-74	1.47e4	0.80	NO	1.19	1.569	35.24	35.23	0.994	0.994	NO	64.56		0.798	64.56
55	55 PCB-61/70	3.69e4	0.80	NO	1.05	1.569	35.45	35.46	1.000	1.001	NO	181.7		0.897	181.7
56	56 PCB-76/66	3.28e4	0.78	NO	1.16	1.569	35.65	35.66	1.006	1.006	NO	146.0		0.812	146.0
57	57 PCB-80			NO	1.19	1.569	35.89		1.001		YES			0.772	
58	58 PCB-55	6.65e2	0.82	NO	1.17	1.569	36.22	36.18	1.010	1.009	NO	2.883		0.783	2.883
59	59 PCB-56/60	1.71e4	0.81	NO	1.02	1.569	36.72	36.72	1.024	1.024	NO	85.06		0.900	85.06
60	60 PCB-79	9.54e2	1.15	YES	1.14	1.569	37.82	37.82	1.054	1.054	NO	4.249		0.805	3.497
61	61 PCB-78	2.79e2	1.56	YES	1.14	1.569	38.54	38.53	0.987	0.986	NO	1.254		0.818	0.8684
62	62 PCB-81	2.00e2	0.70	NO	1.05	1.569	39.09	39.10	1.000	1.001	NO	0.9778		0.883	0.9778
63	63 PCB-77	3.48e3	0.76	NO	1.14	1.569	39.70	39.70	1.000	1.000	NO	16.04		0.852	16.04
64	64 PCB-104			NO	1.12	1.569	32.50		1.001		YES			0.841	
65	65 PCB-96	7.83e2	1.62	NO	1.15	1.569	33.82	33.82	1.041	1.041	NO	4.863		0.818	4.863
66	66 PCB-103	1.23e3	1.29	YES	0.936	1.569	34.38	34.36	1.059	1.058	NO	9.414		1.01	8.692
67	67 PCB-100	1.72e3	1.56	NO	0.954	1.569	34.74	34.71	1.070	1.069	NO	12.95		0.990	12.95
68	68 PCB-94	8.10e2	2.08	YES	0.949	1.569	35.21	35.21	0.985	0.985	NO	7.505		1.21	6.301

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-8C.qld

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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	7.72e4	1.60	NO	1.20	1.569	35.68	35.77	0.999	1.001	NO	569.6		1.00	569.6
70	70 PCB-93	1.80e3	1.85	YES	0.935	1.569	35.82	35.83	1.003	1.003	NO	17.06		1.28	15.32
71	71 PCB-88/91	5.86e3	1.71	NO	1.06	1.569	36.16	36.18	1.012	1.013	NO	48.87		1.13	48.87
72	72 PCB-121	7.02e2	1.30	YES	1.71	1.569	36.26	36.22	1.015	1.014	NO	3.648		0.704	3.384
73	73 PCB-84/92	2.36e4	1.64	NO	1.02	1.569	37.11	37.11	0.990	0.990	NO	205.2		1.15	205.2
74	74 PCB-89	3.75e2	1.53	NO	1.11	1.569	37.29	37.30	0.995	0.995	NO	3.000		1.06	3.000
75	75 PCB-90/101	1.32e5	1.61	NO	1.12	1.569	37.50	37.50	1.000	1.001	NO	1037		1.04	1037
76	76 PCB-113	1.69e2	1.64	NO	1.51	1.569	37.75	37.74	1.007	1.007	NO	0.9892		0.774	0.9892
77	77 PCB-99	2.01e4	1.49	NO	1.32	1.569	37.83	37.84	1.009	1.009	NO	134.2		0.887	134.2
78	78 PCB-119	1.86e3	1.63	NO	1.81	1.569	38.32	38.34	0.987	0.988	NO	10.60		0.766	10.60
79	79 PCB-108/112	1.82e3	1.53	NO	1.44	1.569	38.48	38.49	0.991	0.991	NO	12.93		0.957	12.93
80	80 PCB-83			NO	1.83	1.569	38.63		0.995		YES			0.755	
81	81 PCB-97	1.19e4	1.70	NO	1.28	1.569	38.84	38.84	1.000	1.000	NO	95.45		1.08	95.45
82	82 PCB-86	1.49e2	1.41	NO	1.12	1.569	38.98	39.05	1.004	1.006	NO	1.373		1.24	1.373
83	83 PCB-87/117/125	2.32e4	1.50	NO	1.56	1.569	39.13	39.14	1.008	1.008	NO	153.2		0.887	153.2
84	84 PCB-111/115	8.28e2	0.71	YES	1.91	1.569	39.29	39.29	1.012	1.012	NO	4.454		0.724	3.031
85	85 PCB-85/116	5.79e3	1.54	NO	1.41	1.569	39.42	39.40	1.015	1.015	NO	42.18		0.980	42.18
86	86 PCB-120	1.48e3	1.55	NO	2.01	1.569	39.67	39.64	1.022	1.021	NO	7.578		0.690	7.578
87	87 PCB-110	9.78e4	1.55	NO	1.74	1.569	39.83	39.83	1.026	1.026	NO	576.6		0.794	576.6
88	88 PCB-82	2.81e3	1.68	NO	0.781	1.569	40.47	40.46	0.976	0.976	NO	27.01		1.31	27.01
89	89 PCB-124	4.26e3	1.45	NO	1.40	1.569	41.17	41.15	0.993	0.992	NO	22.87		0.735	22.87
90	90 PCB-107/109	4.27e3	1.54	NO	1.34	1.569	41.32	41.34	0.996	0.997	NO	23.89		0.765	23.89
91	91 PCB-123	5.75e2	1.30	YES	1.20	1.569	41.49	41.50	1.000	1.001	NO	3.603		0.857	3.338
92	92 PCB-106/118	7.08e4	1.65	NO	1.22	1.569	41.69	41.67	1.001	1.000	NO	408.1		0.805	408.1
93	93 PCB-114	2.04e3	1.69	NO	1.14	1.569	42.35	42.33	1.000	1.000	NO	10.36		1.31	10.36
94	94 PCB-122	5.44e2	1.77	NO	0.944	1.569	42.50	42.52	1.004	1.004	NO	3.342		1.59	3.342
95	95 PCB-105	2.25e4	1.55	NO	1.05	1.569	43.24	43.26	1.000	1.001	NO	122.0		1.38	122.0
96	96 PCB-127			NO	1.06	1.569	43.60		1.000		YES			1.36	
97	97 PCB-126	6.82e2	1.08	YES	1.17	1.569	45.55	45.57	1.000	1.001	NO	3.500		1.38	2.978
98	98 PCB-155			NO	1.04	1.569	37.02		1.000		YES			0.560	
99	99 PCB-150	3.40e2	0.57	YES	1.08	1.569	38.34	38.34	1.036	1.036	NO	3.015		0.540	1.969
100	1... PCB-152	1.61e2	1.30	NO	1.19	1.569	38.83	38.84	1.049	1.050	NO	1.300		0.493	1.300
101	1... PCB-145			NO	1.19	1.569	39.28		1.062		YES			0.492	
102	1... PCB-136	4.10e4	1.27	NO	1.02	1.569	39.63	39.62	1.071	1.071	NO	385.2		0.573	385.2
103	1... PCB-148			NO	0.842	1.569	39.74		1.074		YES			0.695	
104	1... PCB-154	8.37e2	1.24	NO	0.919	1.569	40.24	40.24	1.088	1.088	NO	8.747		0.636	8.747

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-8C.qld

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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	5.80e4	1.31	NO	0.787	1.569	40.91	40.89	1.106	1.105	NO	708.2		0.743	708.2
106	1... PCB-135	2.37e4	1.33	NO	0.922	1.569	41.13	41.11	1.112	1.111	NO	246.7		0.634	246.7
107	1... PCB-144	1.29e4	1.36	NO	0.789	1.569	41.23	41.22	1.114	1.114	NO	156.8		0.741	156.8
108	1... PCB-147	1.46e3	1.30	NO	0.834	1.569	41.38	41.37	1.118	1.118	NO	16.77		0.701	16.77
109	1... PCB-139/149	1.87e5	1.32	NO	0.948	1.569	41.64	41.63	1.125	1.125	NO	1893		0.617	1893
110	1... PCB-140	4.62e2	1.30	NO	0.794	1.569	41.88	41.84	1.132	1.131	NO	5.589		0.737	5.589
111	1... PCB-134/143	1.11e4	1.13	NO	0.759	1.569	42.29	42.31	0.975	0.975	NO	100.4		2.17	100.4
112	1... PCB-131/133	5.25e3	1.19	NO	0.821	1.569	42.59	42.60	0.982	0.982	NO	43.71		2.00	43.71
113	1... PCB-142			NO	0.754	1.569	42.74		0.985		YES			2.18	
114	1... PCB-146/165	4.46e4	1.25	NO	1.02	1.569	42.97	42.99	0.990	0.991	NO	299.7		1.62	299.7
115	1... PCB-132/161	8.37e4	1.22	NO	1.02	1.569	43.22	43.28	0.996	0.997	NO	558.6		1.60	558.6
116	1... PCB-153	4.01e5	1.24	NO	1.07	1.569	43.41	43.41	1.000	1.000	NO	2563		1.54	2563
117	1... PCB-168			NO	1.08	1.569	43.64		1.006		YES			1.53	
118	1... PCB-141	7.87e4	1.20	NO	1.03	1.569	44.17	44.17	1.000	1.000	NO	645.2		2.04	645.2
119	1... PCB-137	2.05e3	1.04	YES	1.11	1.569	44.56	44.57	1.009	1.009	NO	15.56		1.98	14.31
120	1... PCB-130	9.94e3	1.27	NO	0.885	1.569	44.68	44.68	1.012	1.012	NO	94.50		2.36	94.50
121	1... PCB-138/163/164	3.69e5	1.26	NO	1.28	1.569	45.06	45.06	1.001	1.001	NO	2316		1.51	2316
122	1... PCB-158/160	3.86e4	1.20	NO	1.24	1.569	45.30	45.29	1.006	1.006	NO	250.4		1.56	250.4
123	1... PCB-129	4.80e3	1.16	NO	0.867	1.569	45.55	45.57	1.012	1.012	NO	44.51		2.24	44.51
124	1... PCB-166	1.46e3	1.01	YES	1.14	1.569	46.03	45.93	0.993	0.991	NO	8.295		1.41	7.536
125	1... PCB-159			NO	1.22	1.569	46.37		1.000		YES			1.33	
126	1... PCB-128/162	2.32e4	1.23	NO	0.907	1.569	46.68	46.65	1.007	1.007	NO	165.8		1.78	165.8
127	1... PCB-167	1.11e4	1.25	NO	1.11	1.569	47.07	47.07	1.000	1.000	NO	66.61		1.51	66.61
128	1... PCB-156	2.85e4	1.22	NO	1.13	1.569	48.39	48.41	1.000	1.001	NO	171.3		1.52	171.3
129	1... PCB-157	2.21e3	1.57	YES	1.04	1.569	48.68	48.68	1.000	1.000	NO	14.18		1.60	12.37
130	1... PCB-169			NO	1.16	1.569	50.95		1.000		YES			1.52	
131	1... PCB-188			NO	1.29	1.569	43.05		1.001		YES			0.887	
132	1... PCB-184			NO	1.23	1.569	43.48		1.011		YES			0.929	
133	1... PCB-179	6.45e4	1.05	NO	1.30	1.569	44.31	44.30	1.030	1.030	NO	413.0		0.881	413.0
134	1... PCB-176	2.15e4	0.99	NO	1.31	1.569	44.77	44.78	1.041	1.041	NO	136.5		0.874	136.5
135	1... PCB-186			NO	1.33	1.569	45.40		1.056		YES			0.861	
136	1... PCB-178	1.98e4	1.00	NO	0.943	1.569	45.91	45.91	1.067	1.067	NO	174.4		1.21	174.4
137	1... PCB-175	4.76e3	1.09	NO	0.956	1.569	46.27	46.27	1.076	1.076	NO	41.38		1.20	41.38
138	1... PCB-182/187	1.32e5	1.02	NO	1.07	1.569	46.48	46.44	1.081	1.080	NO	1029		1.07	1029
139	1... PCB-183	7.33e4	1.07	NO	1.02	1.569	46.78	46.78	1.088	1.088	NO	596.1		1.12	596.1
140	1... PCB-185	1.30e4	1.13	NO	1.41	1.569	47.44	47.47	0.955	0.955	NO	112.2		1.22	112.2

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-8C.qld

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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
141	1... PCB-174	1.14e5	1.02	NO	1.35	1.569	47.84	47.83	0.963	0.962	NO	1017		1.27	1017
142	1... PCB-181			NO	1.47	1.569	47.94		0.965		YES			1.17	
143	1... PCB-177	6.11e4	1.05	NO	1.28	1.569	48.11	48.11	0.968	0.968	NO	578.1		1.35	578.1
144	1... PCB-171	3.15e4	1.08	NO	1.32	1.569	48.41	48.41	0.974	0.974	NO	289.2		1.31	289.2
145	1... PCB-173	2.37e3	1.11	NO	1.19	1.569	48.84	48.85	0.983	0.983	NO	24.09		1.45	24.09
146	1... PCB-172	1.60e4	1.13	NO	1.38	1.569	49.32	49.32	0.992	0.992	NO	140.8		1.25	140.8
147	1... PCB-192			NO	1.83	1.569	49.51		0.996		YES			0.942	
148	1... PCB-180	2.71e5	1.03	NO	1.41	1.569	49.72	49.74	1.000	1.001	NO	2318		1.22	2318
149	1... PCB-193	1.53e4	1.09	NO	1.68	1.569	49.94	49.95	1.005	1.005	NO	110.1		1.03	110.1
150	1... PCB-191	5.78e3	1.03	NO	1.71	1.569	50.21	50.19	1.010	1.010	NO	40.89		1.01	40.89
151	1... PCB-170	1.05e5	0.97	NO	1.40	1.569	51.41	51.40	1.000	1.000	NO	1055		1.40	1055
152	1... PCB-190	2.70e4	1.08	NO	1.85	1.569	51.62	51.60	1.005	1.004	NO	206.4		1.06	206.4
153	1... PCB-189	5.08e3	1.10	NO	1.45	1.569	53.11	53.11	1.000	1.000	NO	37.05		0.874	37.05
154	1... PCB-202	7.09e3	0.93	NO	1.17	1.569	48.64	48.62	1.001	1.000	NO	58.18		0.849	58.18
155	1... PCB-201	6.10e3	0.74	YES	1.05	1.569	49.13	49.13	1.011	1.011	NO	55.56		0.542	50.20
156	1... PCB-204			NO	1.14	1.569	49.28		1.014		YES			0.869	
157	1... PCB-197	2.16e3	0.87	NO	1.13	1.569	49.60	49.61	1.021	1.021	NO	18.30		0.875	18.30
158	1... PCB-200	6.07e3	0.96	NO	1.07	1.569	50.54	50.53	1.040	1.040	NO	54.39		0.926	54.39
159	1... PCB-198	1.51e3	0.64	YES	0.794	1.569	52.08	52.11	1.072	1.072	NO	18.27		1.25	15.15
160	1... PCB-199	3.09e4	0.87	NO	0.809	1.569	52.22	52.22	1.074	1.074	NO	366.4		1.23	366.4
161	1... PCB-196/203	4.07e4	0.90	NO	0.838	1.569	52.52	52.52	1.081	1.081	NO	464.9		1.18	464.9
162	1... PCB-195	1.74e4	0.88	NO	1.04	1.569	53.82	53.81	0.984	0.984	NO	173.4		1.28	173.4
163	1... PCB-194	4.18e4	0.89	NO	1.12	1.569	54.72	54.72	1.000	1.000	NO	390.9		1.20	390.9
164	1... PCB-205	2.50e3	0.95	NO	1.29	1.569	55.00	55.00	1.005	1.005	NO	20.21		1.04	20.21
165	1... PCB-208	3.21e3	1.72	YES	0.933	1.569	53.96	53.96	1.000	1.000	NO	29.60		1.06	25.46
166	1... PCB-207	1.56e3	1.52	NO	0.916	1.569	54.30	54.30	1.007	1.007	NO	14.66		1.08	14.66
167	1... PCB-206	9.00e3	1.38	NO	1.01	1.569	56.26	56.26	1.000	1.000	NO	117.2		1.44	117.2
168	1... PCB-209	8.00e3	1.10	NO	0.986	1.569	57.49	57.50	1.000	1.000	NO	109.4		0.412	109.4
169	1... 13C-PCB-1	1.40e6	3.23	NO	0.893	1.569	15.54	15.56	0.608	0.609	NO	4417	69.3	6.49	
170	1... 13C-PCB-3	1.53e6	3.41	NO	0.911	1.569	18.19	18.21	0.712	0.713	NO	4715	74.0	6.36	
171	1... 13C-PCB-4	1.06e6	1.58	NO	0.600	1.569	19.56	19.56	0.765	0.765	NO	4969	78.0	2.63	
172	1... 13C-PCB-9	1.78e6	1.58	NO	0.970	1.569	21.39	21.37	0.837	0.836	NO	5153	80.9	1.63	
173	1... 13C-PCB-11	1.86e6	1.60	NO	0.962	1.569	24.84	24.86	0.972	0.973	NO	5446	85.5	1.64	
174	1... 13C-PCB-19	8.91e5	1.04	NO	0.499	1.569	23.80	23.80	0.931	0.931	NO	5020	78.8	28.9	
175	1... 13C-PCB-32	1.36e6	1.04	NO	0.744	1.569	26.79	26.79	1.048	1.048	NO	5145	80.7	19.4	
176	1... 13C-PCB-28	1.77e6	1.03	NO	1.06	1.569	28.77	28.79	1.003	1.004	NO	5618	88.2	19.3	

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#	Name	Reep	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.62e6	1.04	NO	0.989	1.569	32.77	32.79	1.143	1.143	NO	5520	86.6	20.8	
178	1... 13C-PCB-54	1.16e6	0.79	NO	0.999	1.569	27.63	27.64	0.753	0.753	NO	4985	78.2	4.00	
179	1... 13C-PCB-52	9.65e5	0.80	NO	0.804	1.569	31.26	31.29	0.852	0.852	NO	5173	81.2	4.97	
180	1... 13C-PCB-47	1.02e6	0.79	NO	0.857	1.569	31.78	31.81	0.866	0.867	NO	5140	80.7	4.66	
181	1... 13C-PCB-70	1.23e6	0.81	NO	0.996	1.569	35.43	35.44	0.965	0.966	NO	5314	83.4	4.01	
182	1... 13C-PCB-80	1.26e6	0.78	NO	1.03	1.569	35.87	35.87	0.977	0.977	NO	5269	82.7	3.88	
183	1... 13C-PCB-81	1.25e6	0.78	NO	0.988	1.569	39.06	39.07	1.064	1.064	NO	5441	85.4	4.04	
184	1... 13C-PCB-77	1.22e6	0.79	NO	0.969	1.569	39.67	39.68	1.081	1.081	NO	5408	84.9	4.12	
185	1... 13C-PCB-104	8.90e5	1.59	NO	1.02	1.569	32.46	32.48	0.827	0.827	NO	5186	81.4	2.10	
186	1... 13C-PCB-95	7.17e5	1.59	NO	0.805	1.569	35.74	35.74	0.910	0.910	NO	5278	82.8	2.65	
187	1... 13C-PCB-101	7.21e5	1.61	NO	0.793	1.569	37.49	37.48	0.955	0.954	NO	5391	84.6	2.69	
188	1... 13C-PCB-97	6.20e5	1.55	NO	0.696	1.569	38.83	38.82	0.989	0.989	NO	5277	82.8	3.06	
189	1... 13C-PCB-123	8.49e5	1.61	NO	0.933	1.569	41.47	41.47	1.056	1.056	NO	5394	84.6	2.29	
190	1... 13C-PCB-118	9.06e5	1.63	NO	0.986	1.569	41.66	41.65	1.061	1.061	NO	5449	85.5	2.16	
191	1... 13C-PCB-114	1.10e6	1.55	NO	1.55	1.569	42.33	42.33	0.908	0.908	NO	5808	91.1	3.88	
192	1... 13C-PCB-105	1.12e6	1.61	NO	1.57	1.569	43.22	43.22	0.927	0.927	NO	5822	91.4	3.82	
193	1... 13C-PCB-127	1.20e6	1.58	NO	1.62	1.569	43.56	43.58	0.934	0.935	NO	6068	95.2	3.69	
194	1... 13C-PCB-126	1.06e6	1.54	NO	1.57	1.569	45.54	45.53	0.976	0.976	NO	5527	86.7	3.83	
195	1... 13C-PCB-155	6.64e5	1.28	NO	0.615	1.569	36.99	37.00	0.942	0.942	NO	6399	100	1.09	
196	1... 13C-PCB-153	9.32e5	1.26	NO	1.36	1.569	43.39	43.39	0.930	0.931	NO	5589	87.7	3.61	
197	1... 13C-PCB-141	7.57e5	1.29	NO	1.13	1.569	44.15	44.15	0.947	0.947	NO	5495	86.2	4.37	
198	1... 13C-PCB-138	7.92e5	1.30	NO	1.18	1.569	45.02	45.02	0.965	0.965	NO	5471	85.9	4.16	
199	1... 13C-PCB-159	9.82e5	1.28	NO	1.44	1.569	46.34	46.35	0.994	0.994	NO	5582	87.6	3.42	
200	2... 13C-PCB-167	9.56e5	1.25	NO	1.44	1.569	47.05	47.05	1.009	1.009	NO	5431	85.2	3.42	
201	2... 13C-PCB-156	9.40e5	1.26	NO	1.40	1.569	48.37	48.37	1.037	1.037	NO	5506	86.4	3.53	
202	2... 13C-PCB-157	9.55e5	1.27	NO	1.40	1.569	48.66	48.66	1.043	1.043	NO	5591	87.7	3.53	
203	2... 13C-PCB-169	9.25e5	1.29	NO	1.33	1.569	50.93	50.93	1.092	1.092	NO	5684	89.2	3.70	
204	2... 13C-PCB-188	7.67e5	0.46	NO	1.41	1.569	43.01	43.01	0.926	0.926	NO	5474	85.9	3.07	
205	2... 13C-PCB-180	5.27e5	0.45	NO	0.929	1.569	49.70	49.70	1.070	1.070	NO	5712	89.6	4.66	
206	2... 13C-PCB-170	4.51e5	0.47	NO	0.794	1.569	51.36	51.39	1.106	1.106	NO	5714	89.7	5.45	
207	2... 13C-PCB-189	6.02e5	0.46	NO	1.04	1.569	53.09	53.09	1.143	1.143	NO	5801	91.0	4.14	
208	2... 13C-PCB-202	6.65e5	0.94	NO	1.04	1.569	48.60	48.60	1.046	1.047	NO	6461	101	2.91	
209	2... 13C-PCB-194	6.11e5	0.90	NO	0.768	1.569	54.71	54.71	0.995	0.995	NO	5253	82.4	7.29	
210	2... 13C-PCB-208	7.42e5	0.78	NO	0.991	1.569	53.95	53.95	0.981	0.981	NO	4945	77.6	6.20	
211	2... 13C-PCB-206	4.86e5	0.77	NO	0.552	1.569	56.25	56.24	1.023	1.023	NO	5812	91.2	11.1	
212	2... 13C-PCB-209	4.73e5	1.21	NO	0.396	1.569	57.49	57.49	1.046	1.046	NO	7875	124	1.08	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.27e6	1.58	NO	1.00	1.569	25.54	25.56	1.000	0.000	NO	6373	100	1.58	
214	2... 13C-PCB-31	1.89e6	1.03	NO	1.00	1.569	28.69	28.68	1.000	0.000	NO	6373	100	20.6	
215	2... 13C-PCB-60	1.48e6	0.80	NO	1.00	1.569	36.71	36.70	1.000	0.000	NO	6373	100	3.99	
216	2... 13C-PCB-111	1.08e6	1.61	NO	1.00	1.569	39.27	39.27	1.000	0.000	NO	6373	100	2.13	
217	2... 13C-PCB-128	7.79e5	1.26	NO	1.00	1.569	46.64	46.63	1.000	0.000	NO	6373	100	4.93	
218	2... 13C-PCB-182	6.33e5	0.47	NO	1.00	1.569	46.45	46.44	0.000	0.000	NO	6373	100	4.33	
219	2... 13C-PCB-205	9.65e5	0.90	NO	1.00	1.569	54.99	54.99	1.000	0.000	NO	6373	100	5.60	
220	2... 13C-PCB-79	1.36e6	0.79	NO	1.07	1.569	37.80	37.80	1.030	1.030	NO	5469	85.8	3.74	
221	2... 13C-PCB-178	5.19e5	0.47	NO	0.766	1.569	45.89	45.89	0.988	0.988	NO	5542	87.0	4.56	
222	2... 13C-PCB-79	1.36e6	0.79	NO	1.08	1.569	37.80	37.80	0.968	0.968	NO	6405	101	4.32	
223	2... 13C-PCB-178	5.19e5	0.47	NO	1.05	1.569	45.89	45.89	0.923	0.923	NO	5973	93.7	5.02	
224	2... Total Mono-PCBs				1.17	1.569	0.00		0.000		NO	18.44		23.1	23.95
225	2... Total Di-PCBs				1.05	1.569	0.00		0.000		NO	38.57		24.8	63.27
226	2... 2nd Function Tri-PCBs				1.08	1.569	0.00		0.000		NO	106.0		58.0	106.0
227	2... 3rd Function Tri-PCBs				0.983	1.569	0.00		0.000		NO	241.4		18.5	280.8
228	2... Total Tetra-PCBs				1.08	1.569	0.00		0.000		NO	1448		37.5	1467
229	2... 3rd Function Penta-PCBs				1.32	1.569	0.00		0.000		NO	3398		27.3	3439
230	2... 4th Function Penta-PCBs				1.07	1.569	0.00		0.000		NO	135.8		69.9	138.7
231	2... 3rd Function Hexa-PCBs				0.951	1.569	0.00		0.000		NO	3422		87.6	3424
232	2... 4th Function Hexa-PCBs				1.03	1.569	0.00		0.000		NO	7320		32.9	7354
233	2... Total Hepta-PCBs				1.36	1.569	0.00		0.000		NO	8321		25.6	8321
234	2... 4th Function Octa-PCBs				1.00	1.569	0.00		0.000		NO	962.2		82.2	1028
235	2... 5th Function Octa-PCBs				1.15	1.569	0.00		0.000		NO	584.5		36.2	584.5
236	2... Total Nona-PCBs				0.952	1.569	0.00		0.000		NO	131.8		35.9	157.3
237	2... Deca-CB				0.986	1.569	0.00		0.000		NO	109.4		0.412	109.4
238	2... Total PCBs														

Handwritten notes on the right side of the table:

- Next to row 226: > 347.4
- Next to row 227: > 386.8
- Next to row 229: > 3533.8
- Next to row 230: > 3577.7
- Next to row 231: > 10778
- Next to row 234: > 1546.7
- Next to row 235: > 16125

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

Total Mono-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-1	15.57	15.58	1.559e4	6.857e3	1.073e3	4.060e2	2.64	YES	1.479e3	0.00000	5.5032	1.01
2	PCB-2	18.00	18.00	3.731e4	1.241e4	2.243e3	7.770e2	2.89	NO	3.020e3	10.655	10.655	0.890
3	PCB-3	18.22	18.24	2.668e4	7.878e3	1.640e3	5.029e2	3.26	NO	2.143e3	7.7869	7.7869	0.917

Total Di-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-11	24.88	24.88	9.437e4	6.626e4	7.619e3	5.075e3	1.50	NO	1.269e4	38.573	38.573	0.665
2	PCB-15	25.60	25.58	6.836e4	5.632e4	4.550e3	4.452e3	1.02	YES	9.002e3	0.00000	24.694	0.724

2nd Function Tri-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-19	23.83	23.82	1.895e4	1.793e4	1.223e3	1.139e3	1.07	NO	2.362e3	15.276	15.276	1.17
2	PCB-18	25.50	25.52	3.383e4	3.191e4	2.069e3	2.046e3	1.01	NO	4.115e3	23.559	23.559	1.05
3	PCB-17	25.69	25.67	3.544e4	3.149e4	2.328e3	2.176e3	1.07	NO	4.504e3	27.800	27.800	1.13
4	PCB-24/27	26.28	26.24	8.234e3	9.567e3	5.410e2	5.805e2	0.93	NO	1.122e3	4.8520	4.8520	0.794
5	PCB-16/32	26.81	26.80	3.952e4	3.390e4	3.629e3	3.188e3	1.14	NO	6.817e3	34.483	34.483	0.928

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3rd Function Tri-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.17	28.18	2.865e4	2.830e4	2.221e3	2.218e3	1.00	NO	4.439e3	16.925	16.925	1.30
2	PCB-25	28.34	28.35	1.562e4	1.907e4	1.201e3	1.390e3	0.86	YES	2.591e3	0.00000	8.9254	1.29
3	PCB-31	28.71	28.70	1.234e5	1.159e5	9.599e3	8.763e3	1.10	NO	1.836e4	63.765	63.765	1.19
4	PCB-28	28.81	28.81	1.822e5	1.707e5	1.413e4	1.307e4	1.08	NO	2.720e4	95.482	95.482	1.20
5	PCB-20/21/33	29.45	29.46	5.428e4	5.310e4	4.944e3	4.590e3	1.08	NO	9.533e3	36.448	36.448	1.31
6	PCB-22	29.91	29.91	4.080e4	3.808e4	3.104e3	3.218e3	0.96	NO	6.322e3	23.385	23.385	1.26
7	PCB-38	31.83	31.85	6.169e3	6.206e3	4.541e2	4.055e2	1.12	NO	8.596e2	3.2202	3.2202	1.34
8	PCB-35	32.37	32.37	4.767e3	4.594e3	3.032e2	2.761e2	1.10	NO	5.793e2	2.1872	2.1872	1.35
9	PCB-37	32.81	32.81	5.519e4	4.807e4	4.573e3	3.820e3	1.20	YES	8.392e3	0.00000	30.429	1.40

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Total Tetra-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	ny	Resp	Conc.	EMPC	DL
1	PCB-54	27.66	27.66	1.429e4	1.544e4	9.641e2	1.151e3	0.84	NO	2.115e3	10.801	10.801	0.868
2	PCB-53	29.54	29.54	3.557e4	4.619e4	2.744e3	3.371e3	0.81	NO	6.115e3	40.502	40.502	1.15
3	PCB-51	29.90	29.87	4.615e4	6.322e4	3.666e3	4.889e3	0.75	NO	8.555e3	53.022	53.022	1.08
4	PCB-45	30.34	30.32	1.251e4	1.357e4	1.021e3	1.205e3	0.85	NO	2.226e3	17.119	17.119	1.34
5	PCB-46	30.85	30.82	6.730e3	6.998e3	4.959e2	6.188e2	0.80	NO	1.115e3	8.8592	8.8592	1.38
6	PCB-52/69	31.33	31.31	2.067e5	2.697e5	1.570e4	2.060e4	0.76	NO	3.630e4	205.41	205.41	0.983
7	PCB-73	31.46	31.44	3.378e3	6.590e3	2.354e2	3.968e2	0.59	YES	6.322e2	0.00000	2.4751	0.794
8	PCB-43/49	31.61	31.62	1.351e5	1.754e5	1.045e4	1.330e4	0.79	NO	2.375e4	154.31	154.31	1.13
9	PCB-47	31.83	31.83	1.043e5	1.335e5	8.035e3	1.053e4	0.76	NO	1.857e4	125.52	125.52	1.20
10	PCB-48/75	31.94	31.96	2.695e4	3.184e4	2.052e3	2.509e3	0.82	NO	4.561e3	25.376	25.376	0.991
11	PCB-44	32.67	32.65	9.000e4	1.235e5	7.131e3	9.245e3	0.77	NO	1.638e4	123.84	123.84	1.35
12	PCB-42/59	32.87	32.89	3.593e4	4.491e4	3.054e3	3.643e3	0.84	NO	6.698e3	39.765	39.765	1.06
13	PCB-41/64/71/72	33.50	33.48	1.163e5	1.562e5	9.404e3	1.282e4	0.73	NO	2.223e4	116.66	116.66	0.935
14	PCB-68	33.77	33.74	4.748e3	5.111e3	3.547e2	4.839e2	0.73	NO	8.386e2	4.0899	4.0899	0.869
15	PCB-40	33.99	33.97	1.395e4	1.834e4	1.153e3	1.351e3	0.85	NO	2.504e3	25.919	25.919	1.84
16	PCB-57	34.34	34.34	1.672e3	1.156e3	1.239e2	1.000e2	1.24	YES	2.240e2	0.00000	0.79017	0.813
17	PCB-67	34.65	34.66	2.863e3	6.732e3	2.999e2	4.754e2	0.63	YES	7.753e2	0.00000	3.3010	0.872
18	PCB-58	34.77	34.75	1.802e3	1.475e3	1.742e2	1.112e2	1.57	YES	2.854e2	0.00000	0.84870	0.786
19	PCB-63	34.94	34.94	1.002e4	9.942e3	7.543e2	7.431e2	1.02	YES	1.497e3	0.00000	6.3694	0.882
20	PCB-74	35.24	35.23	8.676e4	1.050e5	6.560e3	8.180e3	0.80	NO	1.474e4	64.563	64.563	0.798
21	PCB-61/70	35.45	35.46	2.097e5	2.615e5	1.637e4	2.052e4	0.80	NO	3.689e4	181.65	181.65	0.897
22	PCB-76/66	35.65	35.66	1.807e5	2.314e5	1.433e4	1.842e4	0.78	NO	3.275e4	146.00	146.00	0.812
23	PCB-55	36.22	36.18	3.304e3	4.216e3	3.005e2	3.644e2	0.82	NO	6.649e2	2.8834	2.8834	0.783
24	PCB-56/60	36.72	36.72	9.509e4	1.200e5	7.653e3	9.426e3	0.81	NO	1.708e4	85.055	85.055	0.900
25	PCB-79	37.82	37.82	5.479e3	5.896e3	5.106e2	4.437e2	1.15	YES	9.543e2	0.00000	3.4970	0.805
26	PCB-78	38.54	38.53	2.190e3	1.893e3	1.697e2	1.091e2	1.56	YES	2.789e2	0.00000	0.86839	0.813
27	PCB-81	39.09	39.10	3.398e3	4.645e3	8.228e1	1.180e2	0.70	NO	2.002e2	0.97776	0.97776	0.883
28	PCB-77	39.70	39.70	1.597e4	2.439e4	1.497e3	1.982e3	0.76	NO	3.478e3	16.039	16.039	0.852

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3rd Function Penta-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-96	33.82	33.82	4.810e3	3.526e3	4.843e2	2.989e2	1.62	NO	7.833e2	4.8630	4.8630	0.818
2 PCB-103	34.38	34.36	8.248e3	6.875e3	6.924e2	5.381e2	1.29	YES	1.231e3	0.00000	8.6925	1.01
3 PCB-100	34.74	34.71	1.369e4	9.529e3	1.050e3	6.736e2	1.56	NO	1.724e3	12.949	12.949	0.990
4 PCB-94	35.21	35.21	5.531e3	2.876e3	5.471e2	2.628e2	2.08	YES	8.099e2	0.00000	6.3009	1.27
5 PCB-95/98/102	35.68	35.77	6.083e5	3.830e5	4.749e4	2.971e4	1.60	NO	7.720e4	569.57	569.57	1.00
6 PCB-93	35.82	35.83	7.802e4	4.176e4	1.166e3	6.296e2	1.85	YES	1.796e3	0.00000	15.318	1.29
7 PCB-88/91	36.16	36.18	5.534e4	2.894e4	3.694e3	2.162e3	1.71	NO	5.856e3	48.870	48.870	1.13
8 PCB-121	36.26	36.22	2.054e4	1.247e4	3.967e2	3.052e2	1.30	YES	7.019e2	0.00000	3.3836	0.704
9 PCB-84/92	37.11	37.11	1.881e5	1.141e5	1.469e4	8.947e3	1.64	NO	2.363e4	205.22	205.22	1.15
10 PCB-89	37.29	37.30	3.344e3	2.400e3	2.266e2	1.486e2	1.53	NO	3.752e2	3.0004	3.0004	1.06
11 PCB-90/101	37.50	37.50	1.053e6	6.568e5	8.129e4	5.044e4	1.61	NO	1.317e5	1036.9	1036.9	1.04
12 PCB-113	37.75	37.74	2.245e3	1.295e3	1.053e2	6.413e1	1.64	NO	1.695e2	0.98921	0.98921	0.774
13 PCB-99	37.83	37.84	1.575e5	1.058e5	1.199e4	8.073e3	1.49	NO	2.007e4	134.24	134.24	0.887
14 PCB-119	38.32	38.34	1.213e4	9.675e3	1.154e3	7.088e2	1.63	NO	1.863e3	10.605	10.605	0.766
15 PCB-108/112	38.48	38.49	1.278e4	7.833e3	1.099e3	7.196e2	1.53	NO	1.819e3	12.932	12.932	0.957
16 PCB-97	38.84	38.84	9.667e4	5.632e4	7.494e3	4.415e3	1.70	NO	1.191e4	95.453	95.453	1.08
17 PCB-86	38.98	39.05	2.339e3	1.075e3	8.736e1	6.186e1	1.41	NO	1.492e2	1.3725	1.3725	1.24
18 PCB-87/117/125	39.13	39.14	1.771e5	1.227e5	1.395e4	9.285e3	1.50	NO	2.324e4	153.17	153.17	0.887
19 PCB-111/115	39.29	39.29	5.304e3	6.625e3	3.434e2	4.848e2	0.71	YES	8.282e2	0.00000	3.0307	0.724
20 PCB-85/116	39.42	39.40	4.535e4	3.091e4	3.515e3	2.277e3	1.54	NO	5.792e3	42.179	42.179	0.980
21 PCB-120	39.67	39.64	1.112e4	7.143e3	8.998e2	5.790e2	1.55	NO	1.479e3	7.5783	7.5783	0.690
22 PCB-110	39.83	39.83	7.432e5	4.797e5	5.947e4	3.833e4	1.55	NO	9.780e4	576.64	576.64	0.794
23 PCB-82	40.47	40.46	2.111e4	1.361e4	1.762e3	1.050e3	1.68	NO	2.812e3	27.013	27.013	1.31
24 PCB-124	41.17	41.15	1.952e4	1.457e4	2.518e3	1.738e3	1.45	NO	4.256e3	22.866	22.866	0.735
25 PCB-107/109	41.32	41.34	3.189e4	2.157e4	2.588e3	1.683e3	1.54	NO	4.271e3	23.890	23.890	0.765
26 PCB-123	41.49	41.50	4.368e3	3.937e3	3.246e2	2.504e2	1.30	YES	5.751e2	0.00000	3.3378	0.857
27 PCB-106/118	41.69	41.67	5.126e5	3.094e5	4.408e4	2.670e4	1.65	NO	7.078e4	408.15	408.15	0.805

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4th Function Penta-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.35	42.33	1.258e4	7.614e3	1.280e3	7.568e2	1.69	NO	2.037e3	10.359	10.359	1.31
2	PCB-122	42.50	42.52	4.153e3	1.834e3	3.472e2	1.965e2	1.77	NO	5.438e2	3.3424	3.3424	1.59
3	PCB-105	43.24	43.26	1.523e5	1.001e5	1.368e4	8.837e3	1.55	NO	2.252e4	122.05	122.05	1.38
4	PCB-126	45.55	45.57	4.933e3	3.565e3	3.536e2	3.283e2	1.08	YES	6.819e2	0.00000	2.9781	1.35

3rd Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.34	38.34	1.761e3	2.810e3	1.230e2	2.172e2	0.57	YES	3.402e2	0.00000	1.9687	0.540
2	PCB-152	38.83	38.84	1.207e3	9.140e2	9.075e1	6.989e1	1.30	NO	1.606e2	1.3000	1.3000	0.493
3	PCB-136	39.63	39.62	2.981e5	2.401e5	2.292e4	1.804e4	1.27	NO	4.096e4	385.19	385.19	0.573
4	PCB-154	40.24	40.24	6.190e3	4.485e3	4.629e2	3.742e2	1.24	NO	8.372e2	8.7470	8.7470	0.636
5	PCB-151	40.91	40.89	4.193e5	3.155e5	3.295e4	2.507e4	1.31	NO	5.801e4	708.22	708.22	0.743
6	PCB-135	41.13	41.11	1.669e5	1.233e5	1.353e4	1.017e4	1.33	NO	2.369e4	246.68	246.68	0.634
7	PCB-144	41.23	41.22	9.856e4	7.311e4	7.431e3	5.450e3	1.36	NO	1.288e4	156.76	156.76	0.741
8	PCB-147	41.38	41.37	1.045e4	8.010e3	8.252e2	6.327e2	1.30	NO	1.458e3	16.774	16.774	0.701
9	PCB-139/149	41.64	41.63	1.357e6	1.023e6	1.064e5	8.042e4	1.32	NO	1.869e5	1892.9	1892.9	0.617
10	PCB-140	41.88	41.84	2.959e3	2.352e3	2.607e2	2.013e2	1.30	NO	4.620e2	5.5893	5.5893	0.737

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4th Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.29	42.31	7.517e4	6.332e4	5.915e3	5.227e3	1.13	NO	1.114e4	100.36	100.36	2.17
2	PCB-131/133	42.59	42.60	3.548e4	2.889e4	2.856e3	2.391e3	1.19	NO	5.248e3	43.705	43.705	2.00
3	PCB-146/165	42.97	42.99	3.061e5	2.439e5	2.477e4	1.980e4	1.25	NO	4.457e4	299.70	299.70	1.62
4	PCB-132/161	43.22	43.28	5.959e5	4.816e5	4.601e4	3.767e4	1.22	NO	8.368e4	558.57	558.57	1.60
5	PCB-153	43.41	43.41	2.854e6	2.327e6	2.222e5	1.793e5	1.24	NO	4.014e5	2563.3	2563.3	1.54
6	PCB-141	44.17	44.17	5.277e5	4.419e5	4.301e4	3.571e4	1.20	NO	7.873e4	645.19	645.19	2.04
7	PCB-137	44.56	44.57	1.501e4	1.418e4	1.045e3	1.008e3	1.04	YES	2.053e3	0.00000	14.309	1.88
8	PCB-130	44.68	44.68	6.947e4	5.618e4	5.568e3	4.376e3	1.27	NO	9.944e3	94.505	94.505	2.36
9	PCB-138/163/164	45.06	45.06	2.248e6	1.780e6	2.058e5	1.637e5	1.26	NO	3.695e5	2315.6	2315.6	1.51
10	PCB-158/160	45.30	45.29	2.686e5	2.140e5	2.108e4	1.752e4	1.20	NO	3.860e4	250.41	250.41	1.56
11	PCB-129	45.55	45.57	3.212e4	2.672e4	2.572e3	2.224e3	1.16	NO	4.796e3	44.513	44.513	2.24
12	PCB-166	46.03	45.93	1.018e4	9.838e3	7.348e2	7.262e2	1.01	YES	1.461e3	0.00000	7.5362	1.41
13	PCB-128/162	46.68	46.65	1.608e5	1.336e5	1.277e4	1.042e4	1.23	NO	2.319e4	165.80	165.80	1.78
14	PCB-167	47.07	47.07	7.511e4	6.151e4	6.162e3	4.914e3	1.25	NO	1.108e4	66.606	66.606	1.51
15	PCB-156	48.39	48.41	1.845e5	1.531e5	1.563e4	1.282e4	1.22	NO	2.845e4	171.33	171.33	1.52
16	PCB-157	48.68	48.68	1.598e4	1.092e4	1.347e3	8.591e2	1.57	YES	2.206e3	0.00000	12.373	1.60

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Total Hepta-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-179	44.31	44.30	4.255e5	4.020e5	3.308e4	3.140e4	1.05	NO	6.448e4	412.98	412.98	0.881
2	PCB-176	44.77	44.78	1.378e5	1.359e5	1.071e4	1.078e4	0.99	NO	2.149e4	136.50	136.50	0.874
3	PCB-178	45.91	45.91	1.246e5	1.261e5	9.915e3	9.877e3	1.00	NO	1.979e4	174.44	174.44	1.21
4	PCB-175	46.27	46.27	3.340e4	3.065e4	2.480e3	2.280e3	1.09	NO	4.760e3	41.383	41.383	1.20
5	PCB-182/187	46.48	46.44	8.496e5	8.197e5	6.661e4	6.537e4	1.02	NO	1.320e5	1029.1	1029.1	1.07
6	PCB-183	46.78	46.78	4.737e5	4.427e5	3.793e4	3.541e4	1.07	NO	7.334e4	596.09	596.09	1.12
7	PCB-185	47.44	47.47	8.575e4	7.363e4	6.912e3	6.133e3	1.13	NO	1.304e4	112.19	112.19	1.22
8	PCB-174	47.84	47.83	6.991e5	6.966e5	5.757e4	5.634e4	1.02	NO	1.139e5	1017.4	1017.4	1.27
9	PCB-177	48.11	48.11	4.028e5	3.850e5	3.129e4	2.981e4	1.05	NO	6.111e4	578.15	578.15	1.35
10	PCB-171	48.41	48.41	2.095e5	1.896e5	1.633e4	1.516e4	1.08	NO	3.149e4	289.23	289.23	1.31
11	PCB-173	48.84	48.85	1.618e4	1.466e4	1.246e3	1.125e3	1.11	NO	2.371e3	24.086	24.086	1.45
12	PCB-172	49.32	49.32	1.071e5	9.684e4	8.508e3	7.509e3	1.13	NO	1.602e4	140.80	140.80	1.25
13	PCB-180	49.72	49.74	1.730e6	1.665e6	1.371e5	1.337e5	1.03	NO	2.707e5	2318.5	2318.5	1.22
14	PCB-193	49.94	49.95	9.495e4	9.083e4	7.965e3	7.302e3	1.09	NO	1.527e4	110.08	110.08	1.03
15	PCB-191	50.21	50.19	3.632e4	3.468e4	2.930e3	2.855e3	1.03	NO	5.784e3	40.892	40.892	1.01
16	PCB-170	51.41	51.40	6.502e5	6.757e5	5.164e4	5.298e4	0.97	NO	1.046e5	1055.5	1055.5	1.40
17	PCB-190	51.62	51.60	1.830e5	1.679e5	1.401e4	1.302e4	1.08	NO	2.703e4	206.35	206.35	1.06
18	PCB-189	53.11	53.11	3.953e4	3.585e4	2.669e3	2.415e3	1.10	NO	5.084e3	37.053	37.053	0.874

4th Function Octa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.64	48.62	4.154e4	4.504e4	3.418e3	3.673e3	0.93	NO	7.092e3	58.183	58.183	0.849
2	PCB-201	49.13	49.13	3.246e4	4.485e4	2.597e3	3.506e3	0.74	YES	6.103e3	0.00000	50.204	0.942
3	PCB-197	49.60	49.61	1.386e4	1.420e4	1.004e3	1.158e3	0.87	NO	2.162e3	18.295	18.295	0.875
4	PCB-200	50.54	50.53	3.919e4	3.893e4	2.971e3	3.103e3	0.96	NO	6.073e3	54.387	54.387	0.926
5	PCB-198	52.08	52.11	8.838e3	1.374e4	5.909e2	9.226e2	0.64	YES	1.513e3	0.00000	15.151	1.25
6	PCB-199	52.22	52.22	2.008e5	2.204e5	1.436e4	1.658e4	0.87	NO	3.094e4	366.43	366.43	1.23
7	PCB-196/203	52.52	52.52	2.683e5	3.045e5	1.930e4	2.135e4	0.90	NO	4.066e4	464.91	464.91	1.18

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5th Function Octa-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-195	53.82	53.81	1.354e5	1.510e5	8.114e3	9.244e3	0.88	NO	1.736e4	173.39	173.39	1.28
2 PCB-194	54.72	54.72	3.538e5	4.054e5	1.971e4	2.210e4	0.89	NO	4.181e4	390.91	390.91	1.20
3 PCB-205	55.00	55.00	2.182e4	2.125e4	1.217e3	1.280e3	0.95	NO	2.497e3	20.205	20.205	1.04

Total Nona-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-208	53.96	53.96	3.428e4	1.935e4	2.033e3	1.182e3	1.72	YES	3.215e3	0.00000	25.461	1.06
2 PCB-207	54.30	54.30	1.667e4	1.059e4	9.440e2	6.195e2	1.52	NO	1.564e3	14.662	14.662	1.08
3 PCB-206	56.26	56.26	9.334e4	6.606e4	5.214e3	3.785e3	1.38	NO	8.999e3	117.17	117.17	1.44

Deca-CB

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 PCB-209	57.49	57.50	7.619e4	7.106e4	4.198e3	3.807e3	1.10	NO	8.005e3	109.43	109.43	0.412

Total PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1												

Total Mono-Isotopes

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1 13C-PCB-1	15.54	15.56	1.653e7	5.055e6	1.071e6	3.320e5	3.23	NO	1.403e6	4417.4		6.49
2 13C-PCB-3	18.19	18.21	1.869e7	5.698e6	1.181e6	3.465e5	3.41	NO	1.527e6	4714.6		6.36

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Total Di-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.56	19.56	1.093e7	6.983e6	6.487e5	4.114e5	1.58	NO	1.060e6	4969.0		2.63
2	13C-PCB-9	21.39	21.37	1.723e7	1.090e7	1.089e6	6.878e5	1.58	NO	1.777e6	5152.9		1.63
3	13C-PCB-11	24.84	24.86	1.423e7	8.766e6	1.146e6	7.158e5	1.60	NO	1.862e6	5445.8		1.64
4	13C-PCB-15	25.54	25.56	2.184e7	1.386e7	1.388e6	8.778e5	1.58	NO	2.266e6	6372.7		1.58

2nd Function Tri-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.80	23.80	7.044e6	6.590e6	4.533e5	4.373e5	1.04	NO	8.906e5	5020.3		28.9
2	13C-PCB-32	26.79	26.79	1.067e7	1.011e7	6.939e5	6.675e5	1.04	NO	1.361e6	5145.0		19.4

3rd Function Tri-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.69	28.68	1.287e7	1.242e7	9.587e5	9.287e5	1.03	NO	1.887e6	6372.7		20.6
2	13C-PCB-28	28.77	28.79	1.170e7	1.127e7	9.001e5	8.706e5	1.03	NO	1.771e6	5617.8		19.3
3	13C-PCB-37	32.77	32.79	1.021e7	9.846e6	8.239e5	7.933e5	1.04	NO	1.617e6	5520.5		20.8

Tetra-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.63	27.64	6.921e6	8.687e6	5.112e5	6.446e5	0.79	NO	1.156e6	4984.5		4.00
2	13C-PCB-52	31.26	31.29	5.697e6	7.105e6	4.298e5	5.355e5	0.80	NO	9.653e5	5173.1		4.97
3	13C-PCB-47	31.78	31.81	5.851e6	7.515e6	4.529e5	5.696e5	0.79	NO	1.023e6	5140.4		4.66
4	13C-PCB-70	35.43	35.44	6.920e6	8.637e6	5.479e5	6.798e5	0.81	NO	1.228e6	5313.9		4.01
5	13C-PCB-80	35.87	35.87	6.993e6	9.069e6	5.490e5	7.081e5	0.78	NO	1.257e6	5269.5		3.88
6	13C-PCB-60	36.71	36.70	8.248e6	1.036e7	6.567e5	8.219e5	0.80	NO	1.479e6	6372.7		3.99
7	13C-PCB-79	37.80	37.80	7.652e6	9.600e6	5.978e5	7.586e5	0.79	NO	1.356e6	5469.1		3.74
8	13C-PCB-81	39.06	39.07	6.963e6	8.882e6	5.471e5	7.001e5	0.78	NO	1.247e6	5440.9		4.04
9	13C-PCB-77	39.67	39.68	6.679e6	8.480e6	5.360e5	6.794e5	0.79	NO	1.215e6	5407.8		4.12

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3rd Function Penta-Isotopes

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.48	7.229e6	4.524e6	5.461e5	3.434e5	1.59	NO	8.896e5	5185.8		2.10
2	13C-PCB-95	35.74	35.74	5.660e6	3.567e6	4.397e5	2.774e5	1.59	NO	7.171e5	5277.6		2.65
3	13C-PCB-101	37.49	37.48	5.847e6	3.625e6	4.444e5	2.767e5	1.61	NO	7.211e5	5391.3		2.69
4	13C-PCB-97	38.83	38.82	4.888e6	3.228e6	3.773e5	2.429e5	1.55	NO	6.202e5	5277.5		3.06
5	13C-PCB-111	39.27	39.27	8.656e6	5.377e6	6.641e5	4.113e5	1.61	NO	1.075e6	6372.7		2.13
6	13C-PCB-123	41.47	41.47	6.675e6	4.188e6	5.233e5	3.258e5	1.61	NO	8.491e5	5393.6		2.29
7	13C-PCB-118	41.66	41.65	7.021e6	4.306e6	5.620e5	3.443e5	1.63	NO	9.063e5	5448.7		2.16

4th Function Penta-Isotopes

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.33	42.33	8.448e6	5.536e6	6.676e5	4.303e5	1.55	NO	1.098e6	5808.1		3.88
2	13C-PCB-105	43.22	43.22	8.816e6	5.475e6	6.895e5	4.295e5	1.61	NO	1.119e6	5822.4		3.82
3	13C-PCB-127	43.56	43.58	8.869e6	5.598e6	7.377e5	4.672e5	1.58	NO	1.205e6	6068.1		3.69
4	13C-PCB-126	45.54	45.53	7.949e6	5.200e6	6.425e5	4.167e5	1.54	NO	1.059e6	5527.4		3.83

4th Function Hexa-Isotopes

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	6.721e6	5.328e6	5.201e5	4.121e5	1.26	NO	9.322e5	5588.7		3.61
2	13C-PCB-141	44.15	44.15	5.338e6	4.226e6	4.274e5	3.301e5	1.29	NO	7.574e5	5494.8		4.37
3	13C-PCB-138	45.02	45.02	5.771e6	4.479e6	4.473e5	3.449e5	1.30	NO	7.922e5	5471.0		4.16
4	13C-PCB-159	46.34	46.35	6.874e6	5.326e6	5.508e5	4.312e5	1.28	NO	9.820e5	5581.8		3.42
5	13C-PCB-128	46.64	46.63	5.485e6	4.442e6	4.341e5	3.447e5	1.26	NO	7.789e5	6372.7		4.93
6	13C-PCB-167	47.05	47.05	6.550e6	5.295e6	5.305e5	4.254e5	1.25	NO	9.559e5	5430.8		3.42
7	13C-PCB-156	48.37	48.37	6.451e6	5.130e6	5.248e5	4.152e5	1.26	NO	9.400e5	5505.9		3.53
8	13C-PCB-157	48.66	48.66	6.677e6	5.213e6	5.350e5	4.197e5	1.27	NO	9.547e5	5591.4		3.53
9	13C-PCB-169	50.93	50.93	6.344e6	4.991e6	5.205e5	4.042e5	1.29	NO	9.247e5	5683.7		3.70

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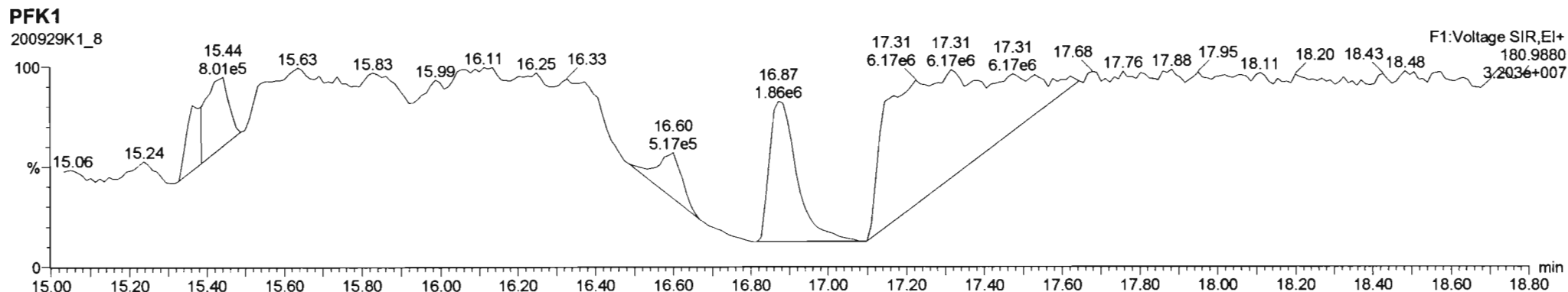
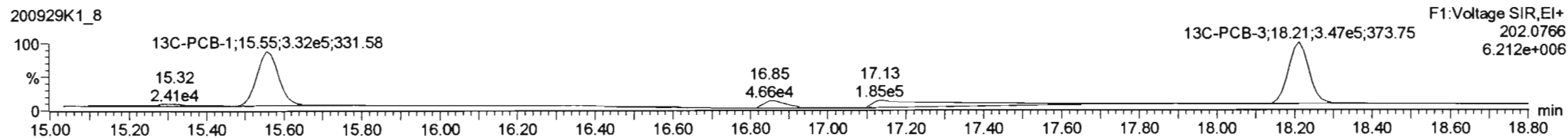
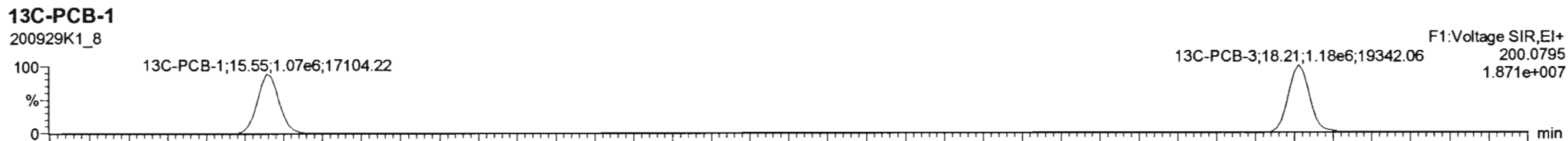
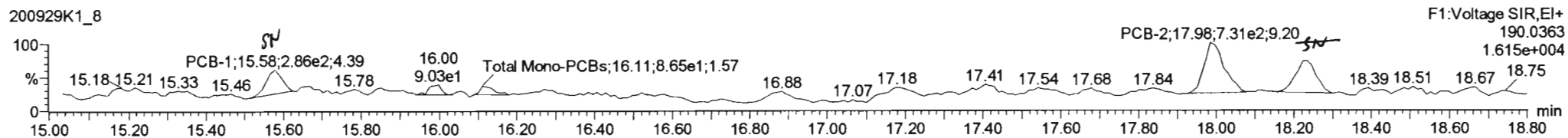
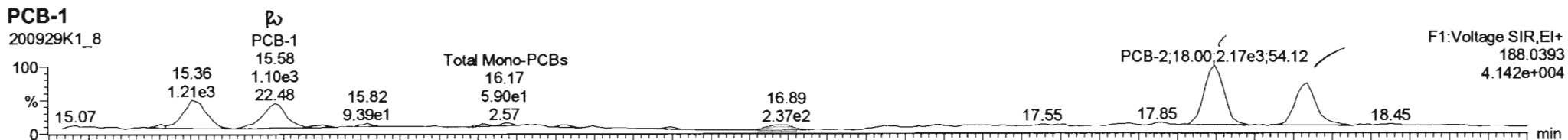
5th Function Octa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.71	5.288e6	5.879e6	2.895e5	3.213e5	0.90	NO	6.108e5	5253.3		7.29
2	13C-PCB-205	54.99	54.99	8.104e6	8.959e6	4.583e5	5.065e5	0.90	NO	9.648e5	6372.7		5.60

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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

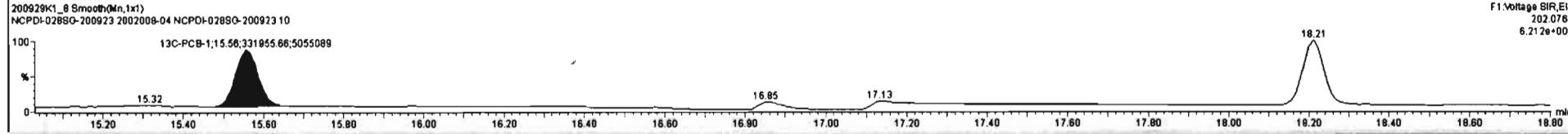
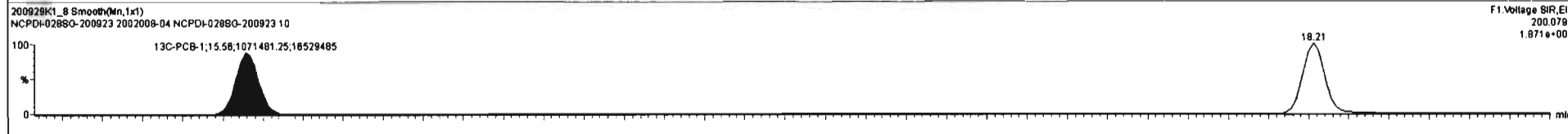
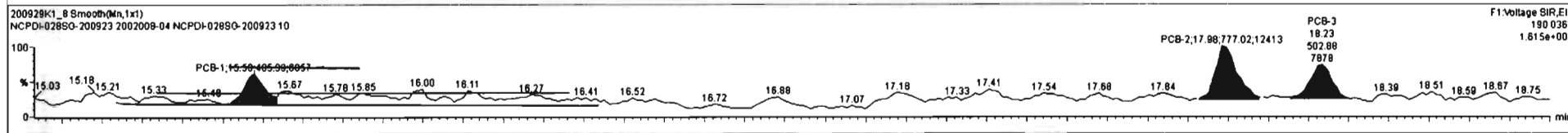
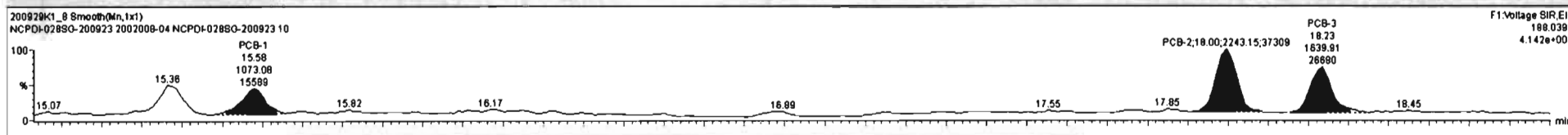


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#	Name	Resp	RA	n/y	R/F	wtAval	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs										NO	18.44		2.81	23.85
225	225 Total Di-PCBs					1.0537	1.569	0.00	0.000		NO	0.0000		33.5	36.52
226	226 2nd Function Tri-PCBs					1.0807	1.569	0.00	0.000		NO	105.1		5.80	105.1
227	227 3rd Function Tri-PCBs					0.9826	1.569	0.00	0.000		NO	236.7		19.5	260.5
228	228 Total Tetra-PCBs					1.0778	1.569	0.00	0.000		NO	1287		31.5	1489
229	229 3rd Function Penta-PCBs					1.3157	1.569	0.00	0.000		NO	3366		27.3	3426
230	230 4th Function Penta-PCBs					1.0735	1.569	0.00	0.000		NO	122.0		6.99	135.0
231	231 3rd Function Hexa-PCBs					0.9505	1.569	0.00	0.000		NO	3419		8.16	3422

#	Name	Pred.RT	RT	ari Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-1	15.57	15.58	1.073e3	4.060e2	3.130	2.64	YES	5.5032	0.00000
2	2 PCB-2	18.00	18.00	2.243e3	7.770e2	3.130	2.89	NO	10.855	10.855
3	3 PCB-3	18.22	18.23	1.840e3	5.029e2	3.130	3.26	NO	7.7868	7.7868



Ready 200929K1_8 CAP NUM

Dataset: Untitled

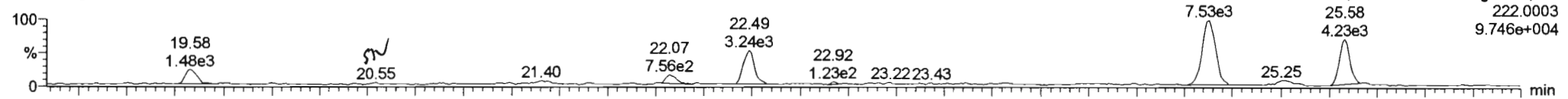
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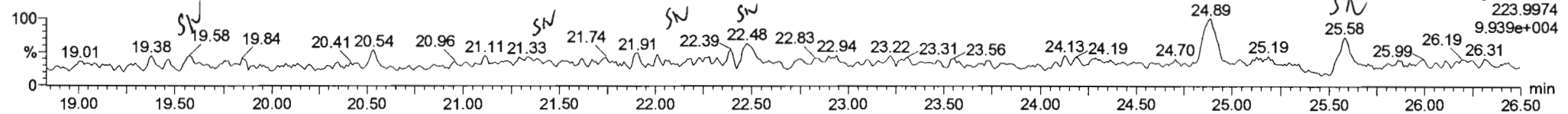
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PCB-4/10

200929K1_8

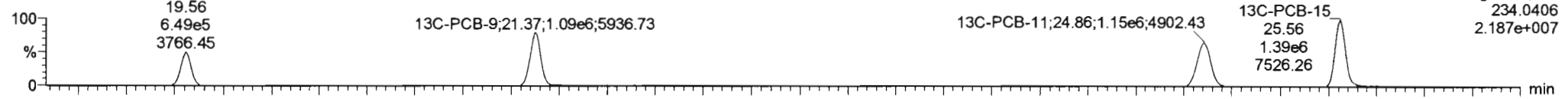


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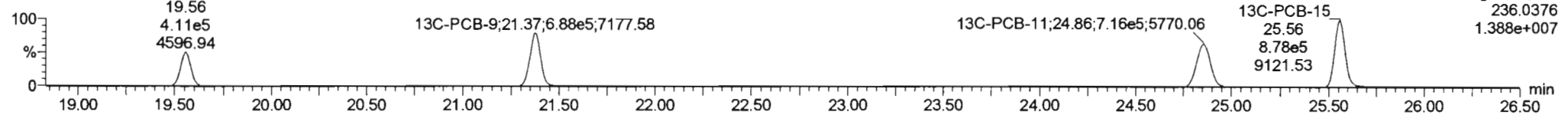


13C-PCB-4

200929K1_8

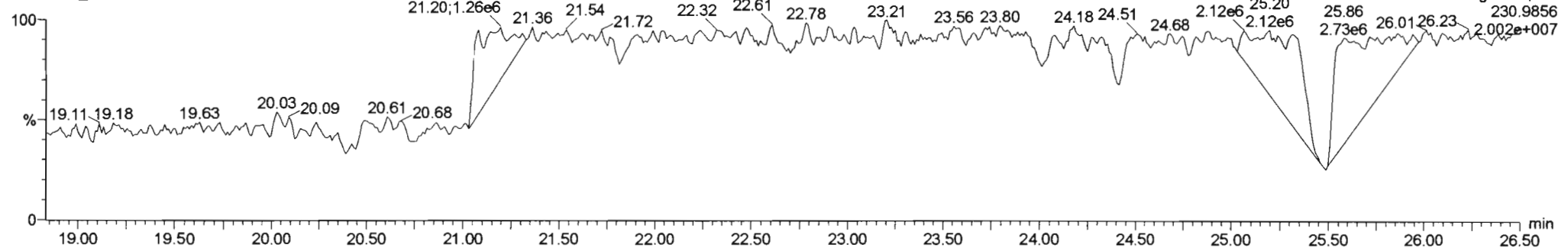


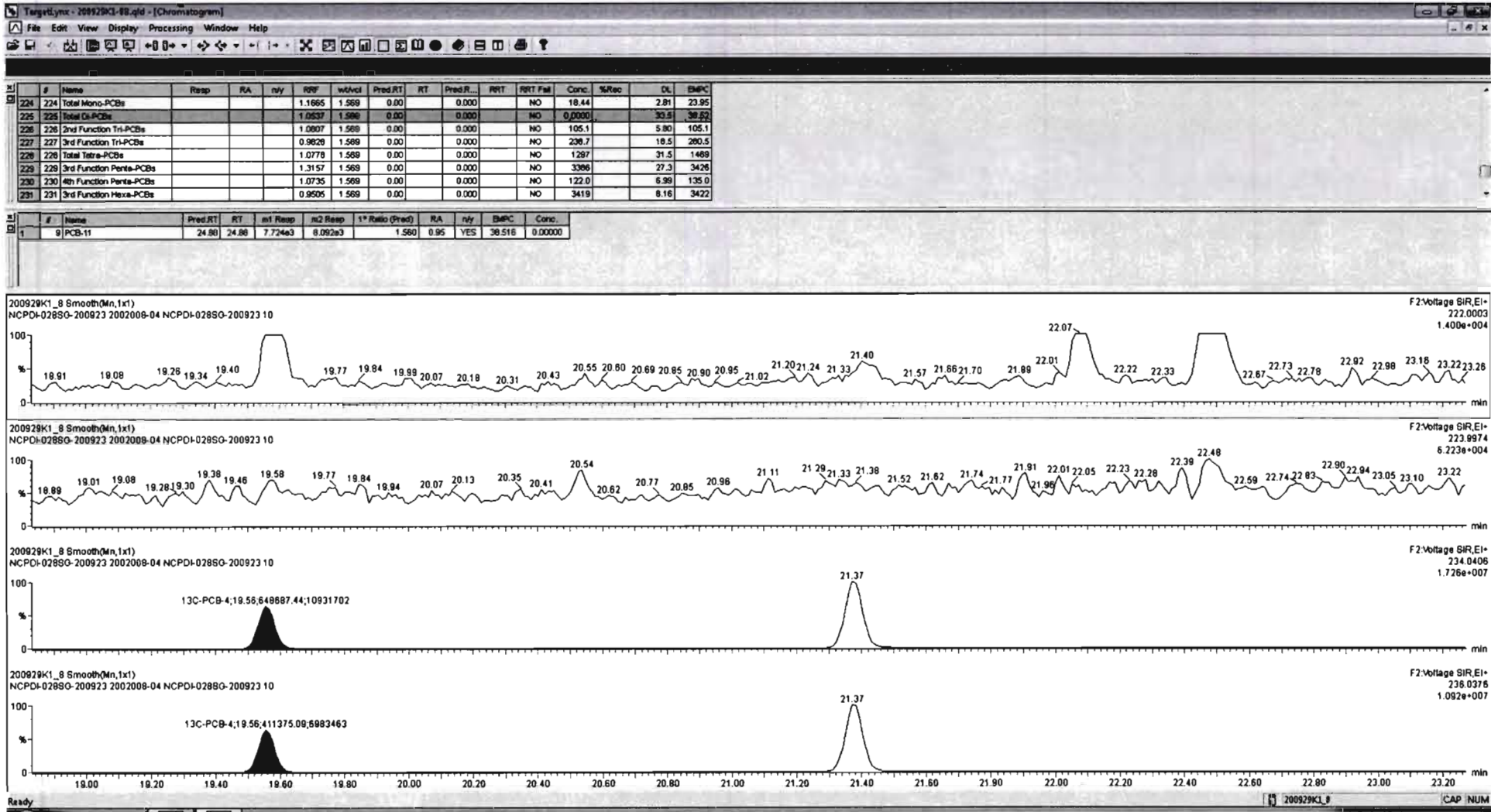
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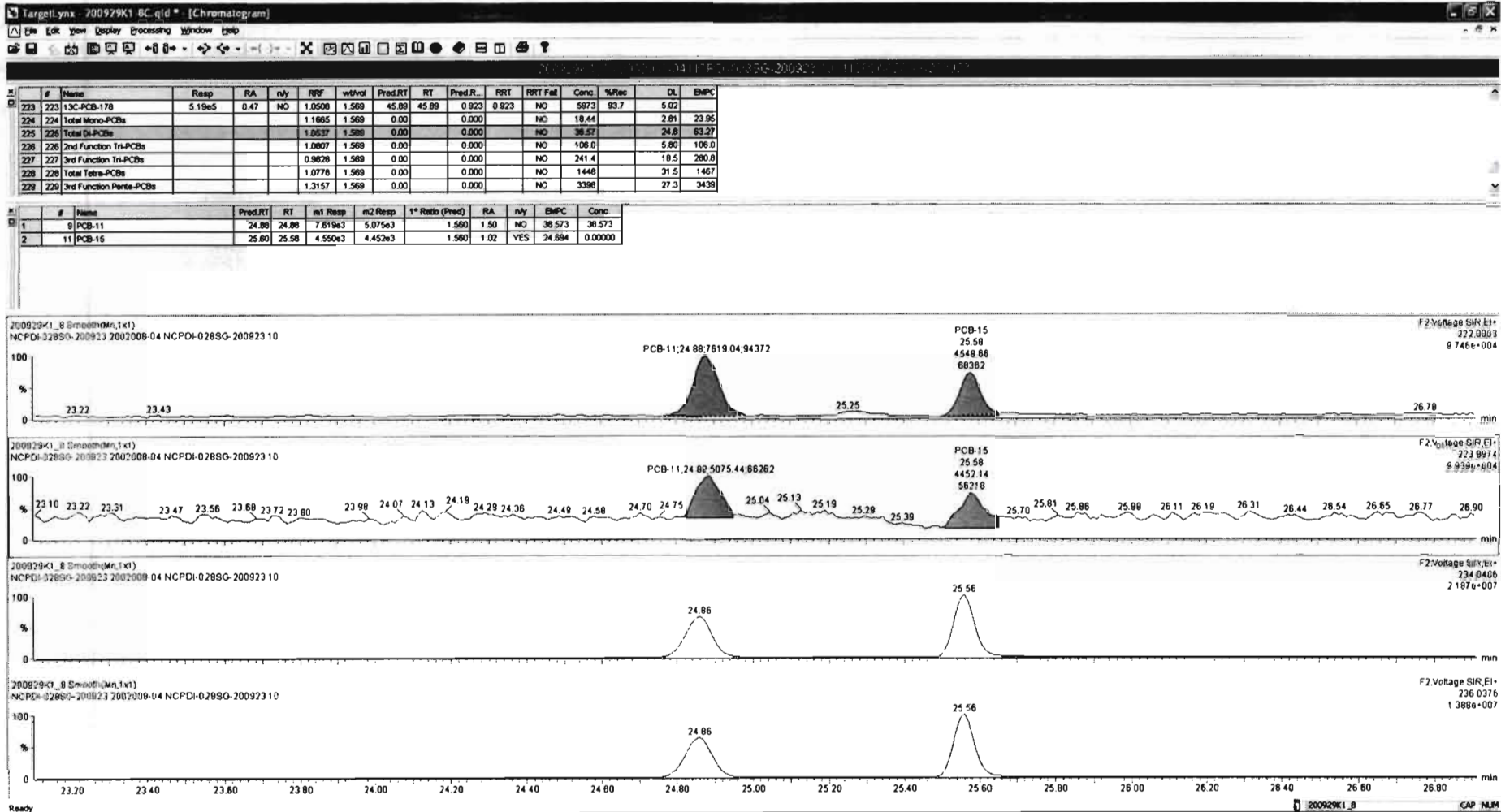


PFK2a

200929K1_8





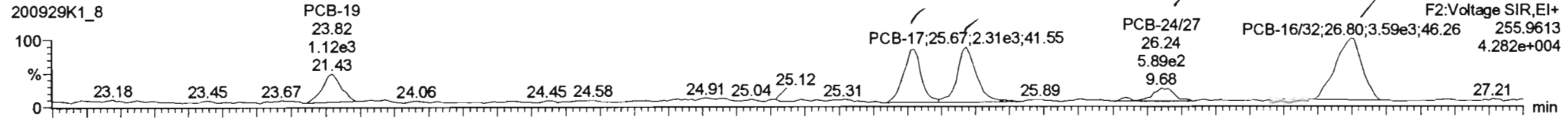


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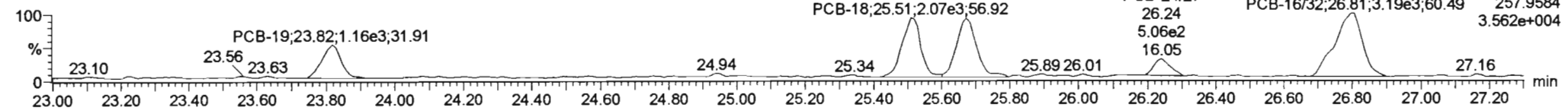
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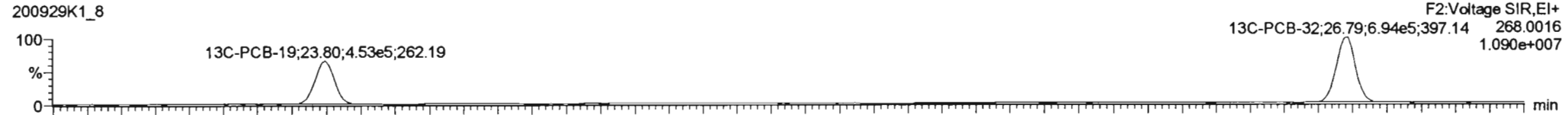
PCB-19



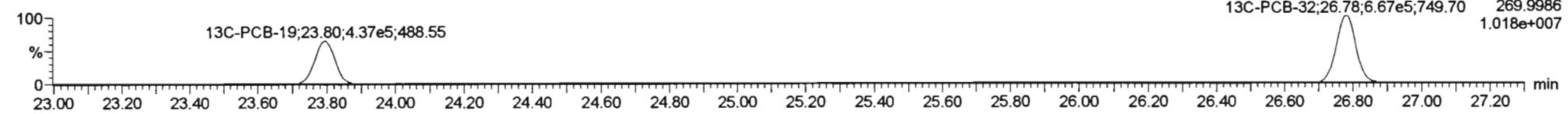
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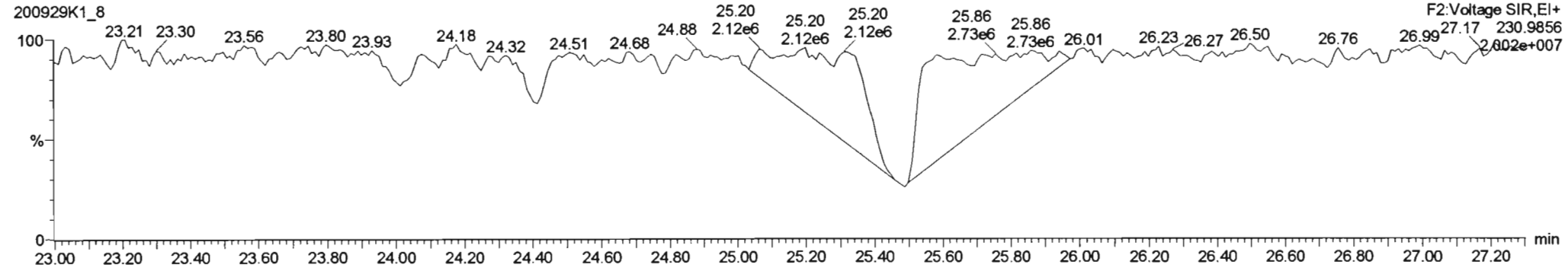
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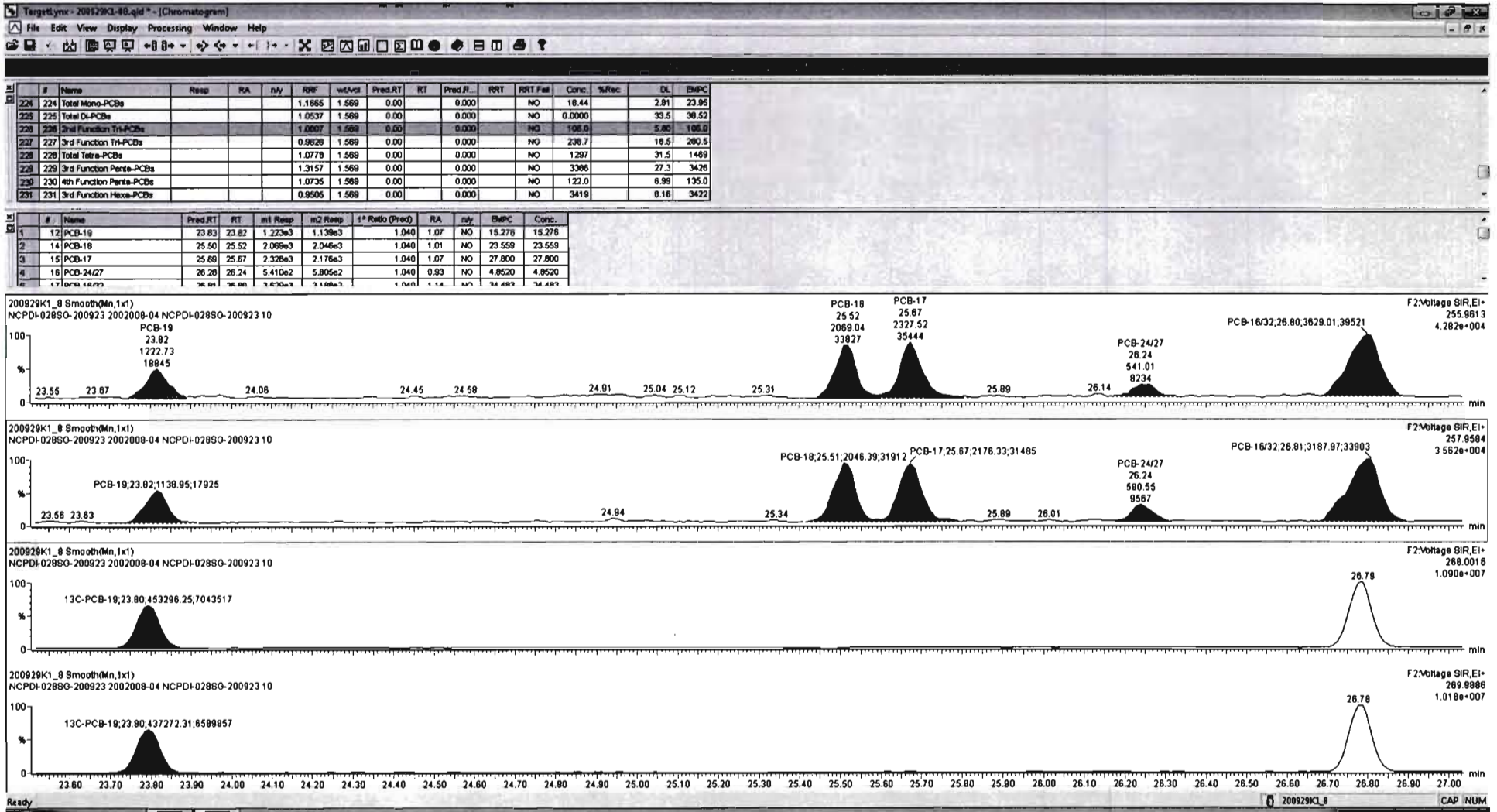


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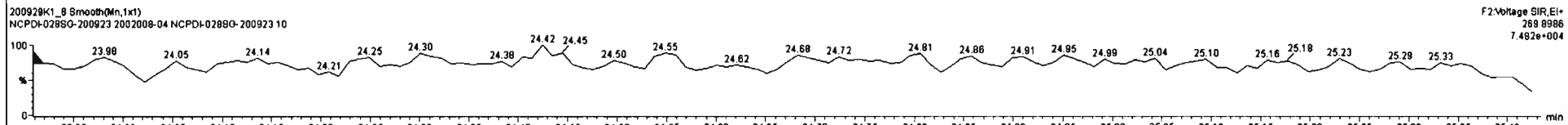
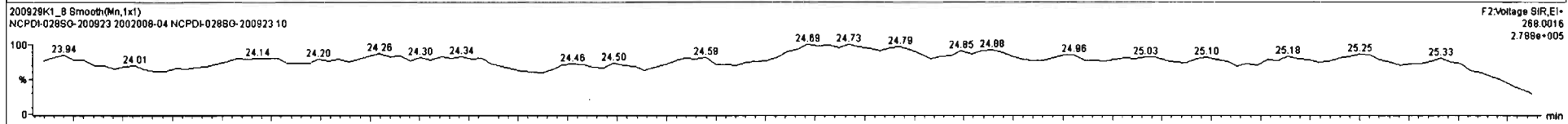
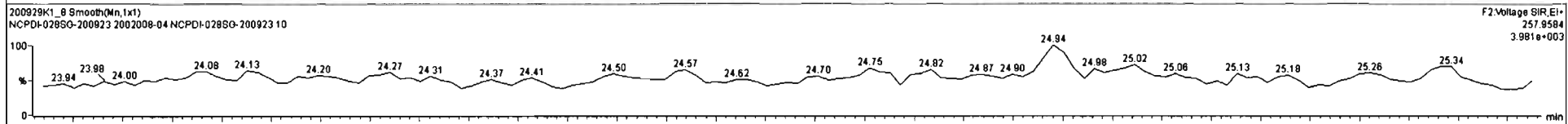
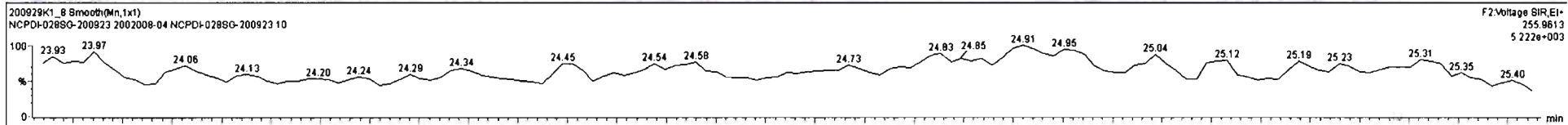
PFK2b





#	Name	Resp	RA	n/y	RF	wtAct	Pred RT	RT	Pred R...	RRT	RRT Fst	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.1665	1.569	0.00		0.000		NO	18.44		2.81	23.85
225	Total Di-PCBs				1.0537	1.569	0.00		0.000		NO	0.0000		33.5	36.52
226	2nd Function Tri-PCBs				1.0907	1.569	0.00		0.000		NO	108.0		5.90	106.3
227	3rd Function Tri-PCBs				0.5926	1.569	0.00		0.000		NO	236.7		18.2	260.6
228	Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1287		31.5	1489
229	3rd Function Penta-PCBs				1.3157	1.569	0.00		0.000		NO	3366		27.3	3426
230	4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	122.0		6.99	135.0
231	3rd Function Hexa-PCBs				0.9505	1.569	0.00		0.000		NO	3419		8.16	3422

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.83	23.82	1.273e3	1.130e3	1.040	1.07	NO	15.276	15.276
2	14 PCB-18	25.50	25.52	2.089e3	2.046e3	1.040	1.01	NO	23.559	23.559
3	15 PCB-17	25.69	25.67	2.328e3	2.176e3	1.040	1.07	NO	27.800	27.800
4	16 PCB-24/27	26.28	26.24	5.410e2	5.905e2	1.040	0.93	NO	4.8520	4.8520
5	17 PCB-18/27	26.28	26.20	1.670e3	1.188e3	1.414	1.07	NO	14.483	14.483

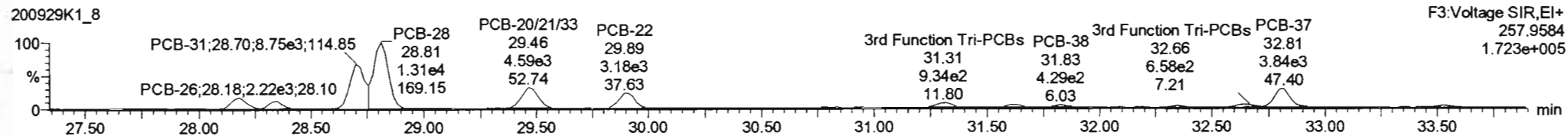


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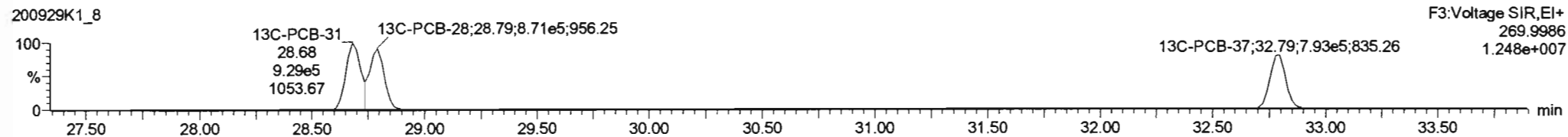
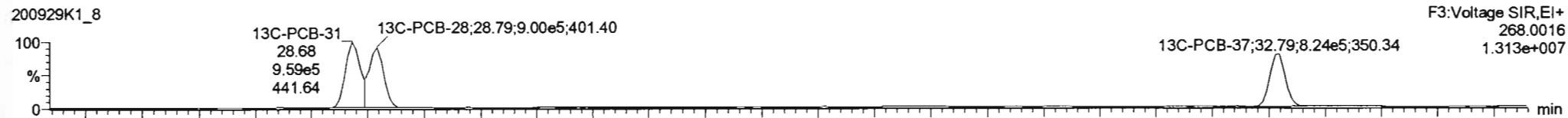
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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

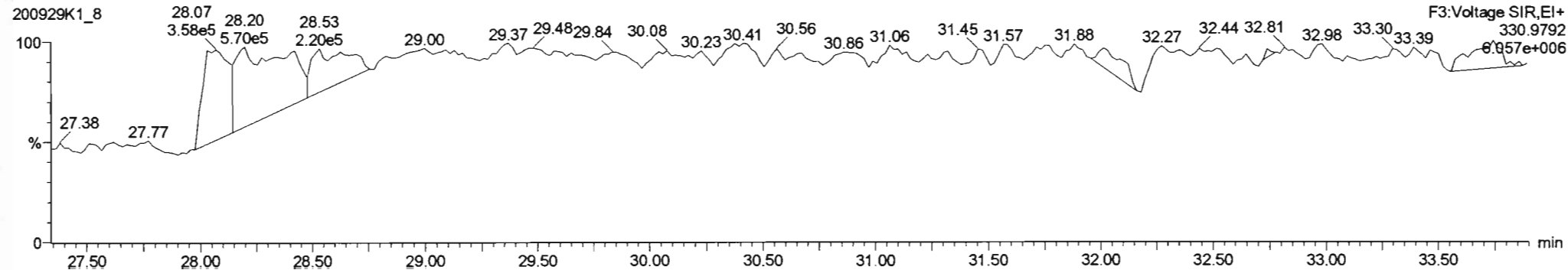
PCB-34



13C-PCB-28

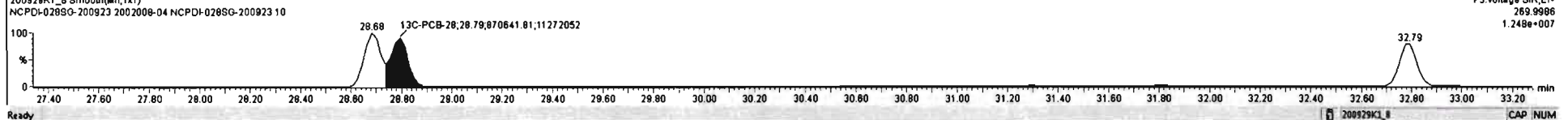
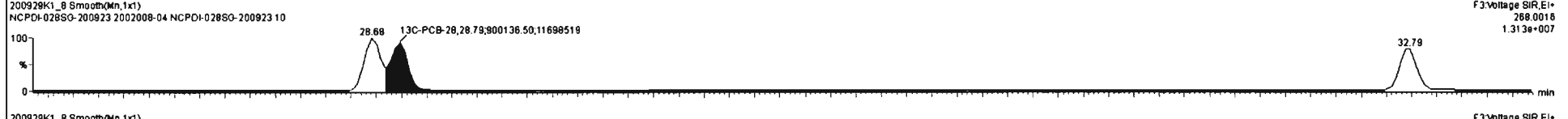
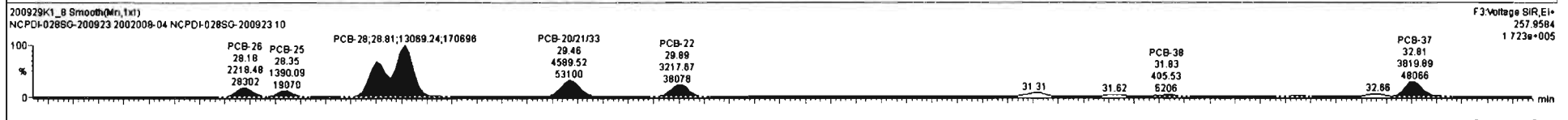
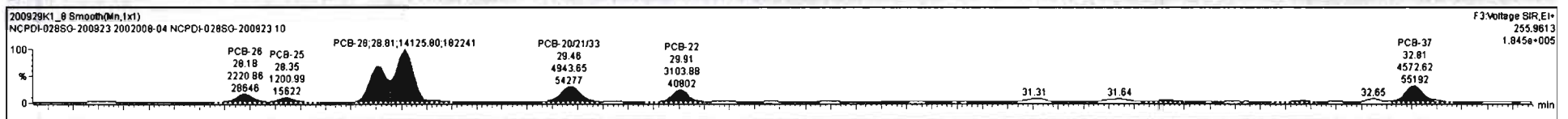


PFK3d



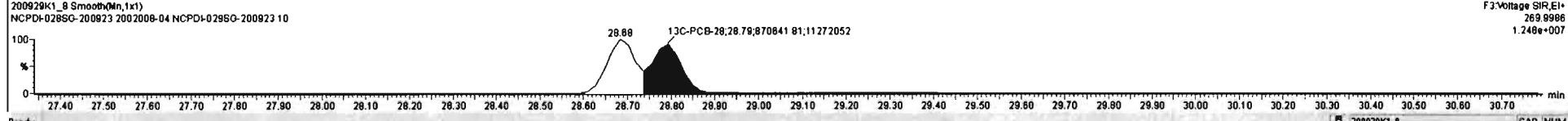
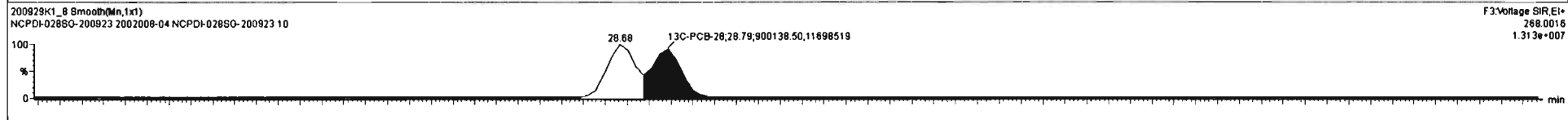
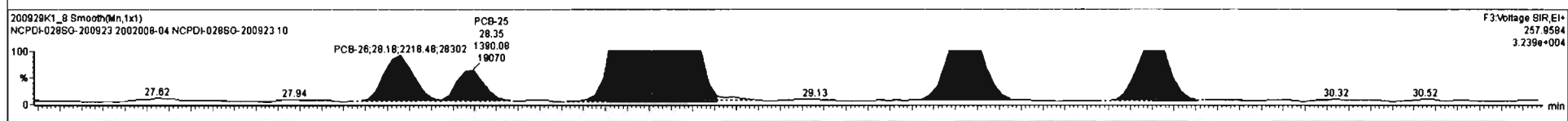
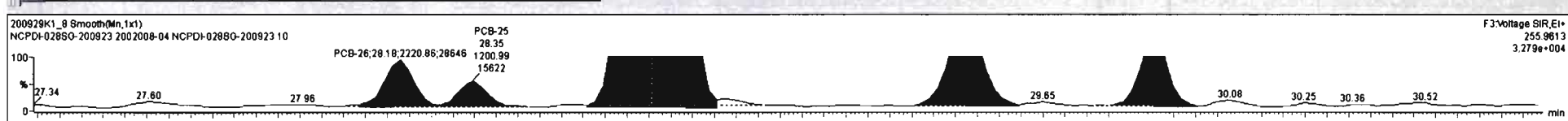
#	Name	Resp	RA	rvj	FWT	m/Acd	Pred.RT	RT	Pred.R.	FWT	RRT Fnd	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.1685	1.569	0.00	0.000	NO			18.44		2.81	23.95
225	Total Di-PCBs				1.0537	1.569	0.00	0.000	NO			0.0000		39.5	36.52
226	2nd Function Tri-PCBs				1.0607	1.569	0.00	0.000	NO			106.0		5.80	106.0
227	3rd Function Tri-PCBs				0.9926	1.569	0.00	0.000	NO			341.4		18.5	260.8
228	Total Tetra-PCBs				1.0778	1.569	0.00	0.000	NO			1287		31.5	1489
229	3rd Function Penta-PCBs				1.3157	1.569	0.00	0.000	NO			3366		27.3	3426
230	4th Function Penta-PCBs				1.0735	1.569	0.00	0.000	NO			122.0		6.99	135.0
231	3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000	NO			3419		8.16	3422

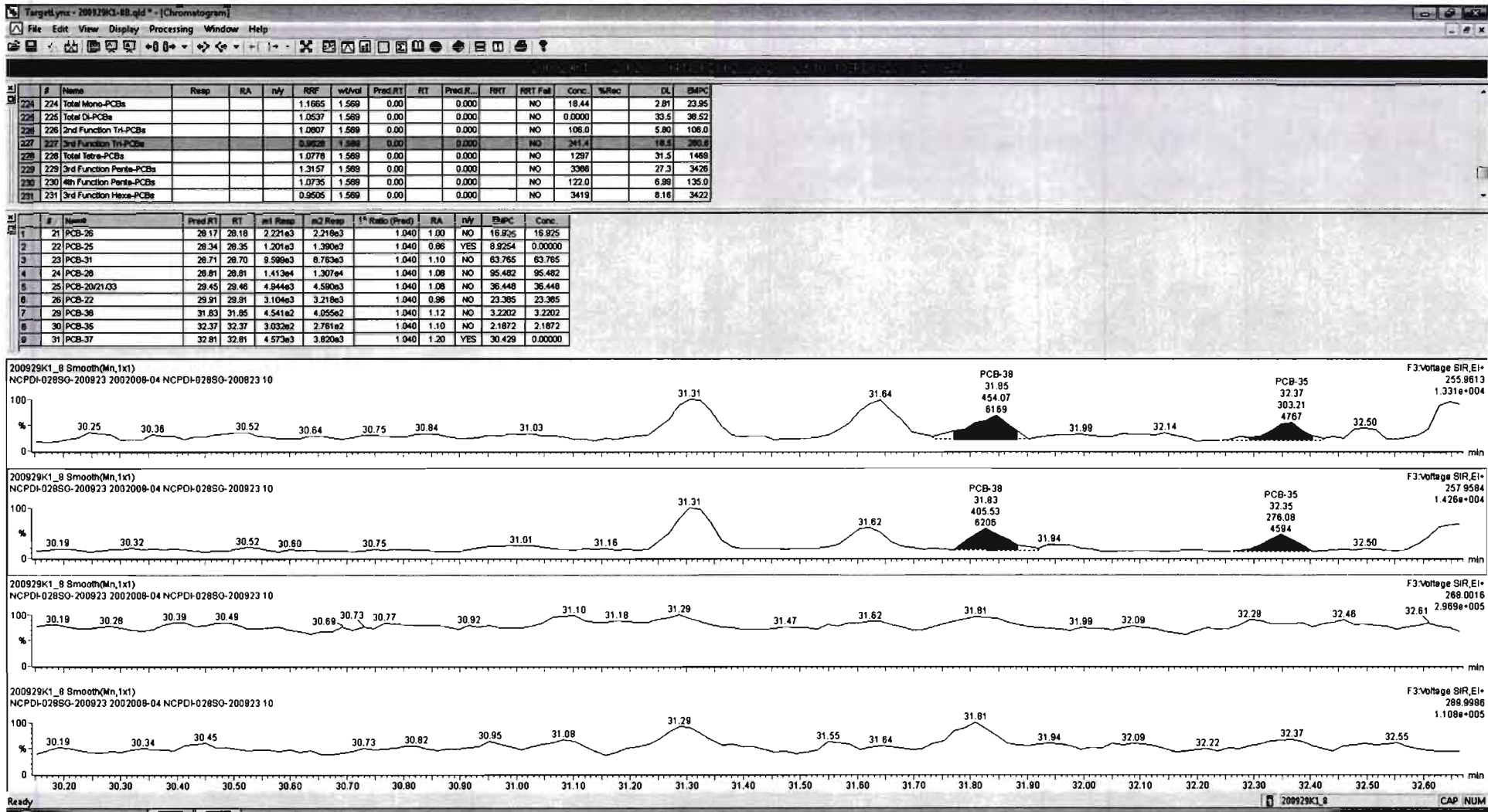
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvj	EMPC	Conc.
1	PCB-26	28.17	28.18	2.221e3	2.210e3	1.040	1.00	NO	16.925	16.925
2	PCB-25	28.34	28.35	1.201e3	1.390e3	1.040	0.86	YES	8.9254	0.00000
3	PCB-31	28.71	28.70	9.599e3	8.763e3	1.040	1.10	NO	63.765	63.765
4	PCB-28	28.81	28.81	1.413e4	1.307e4	1.040	1.06	NO	95.482	95.482
5	PCB-20/21/33	29.45	29.46	4.844e3	4.590e3	1.040	1.06	NO	36.448	36.448
6	PCB-22	29.91	29.91	3.104e3	3.218e3	1.040	0.96	NO	23.365	23.365
7	PCB-36	31.83	31.85	4.541e2	4.055e2	1.040	1.12	NO	3.2202	3.2202
8	PCB-35	32.37	32.37	3.032e2	2.761e2	1.040	1.10	NO	2.1872	2.1872
9	PCB-37	32.81	32.81	4.573e3	3.820e3	1.040	1.20	YES	30.429	0.00000



#	Name	Resp	RA	nly	RRF	mAccl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1685	1.569	0.00		0.000		NO	18.44		2.81	23.85
225	225 Total Di-PCBs				1.0537	1.569	0.00		0.000		NO	0.0000		33.5	36.52
226	226 2nd Function Tri-PCBs				1.0807	1.569	0.00		0.000		NO	106.0		5.80	106.0
227	227 3rd Function Tri-PCBs				0.9828	1.569	0.00		0.000		NO	241.4		18.8	260.8
228	228 Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1287		31.5	1488
229	229 3rd Function Penta-PCBs				1.3157	1.569	0.00		0.000		NO	3366		27.3	3426
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	122.0		6.99	135.0
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00		0.000		NO	3419		8.16	3422

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	21 PCB-26	28.17	28.18	2.221e3	2.219e3	1.040	1.00	NO	16.925	16.925
2	22 PCB-25	28.34	28.35	1.201e3	1.390e3	1.040	0.86	YES	8.9254	0.00000
3	23 PCB-31	28.71	28.70	9.599e3	8.763e3	1.040	1.10	NO	63.765	63.765
4	24 PCB-28	28.81	28.81	1.413e4	1.307e4	1.040	1.08	NO	95.482	95.482
5	25 PCB-20/21/33	29.45	29.46	4.944e3	4.590e3	1.040	1.08	NO	36.448	36.448
6	26 PCB-22	29.91	29.91	3.104e3	3.218e3	1.040	0.96	NO	23.385	23.385
7	29 PCB-39	31.83	31.85	4.541e2	4.055e2	1.040	1.12	NO	3.2202	3.2202
8	30 PCB-35	32.37	32.37	3.032e2	2.761e2	1.040	1.10	NO	2.1872	2.1872
9	31 PCB-37	32.81	32.81	4.573e3	3.820e3	1.040	1.20	YES	30.429	0.00000



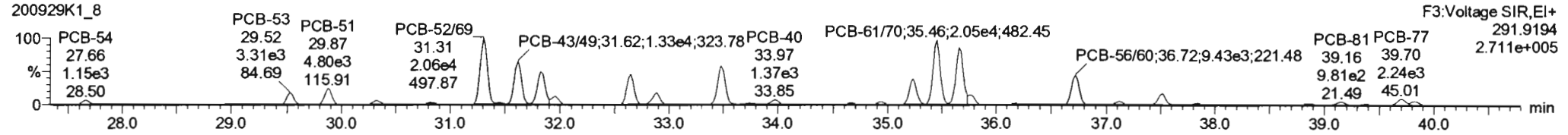
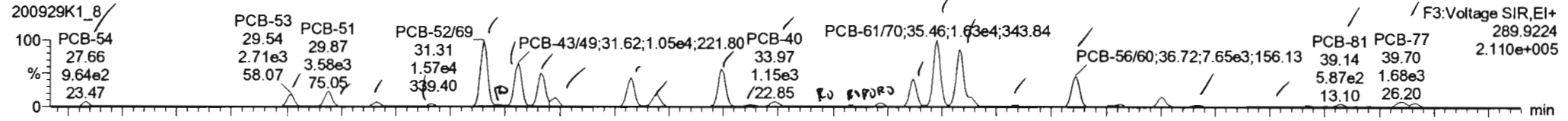


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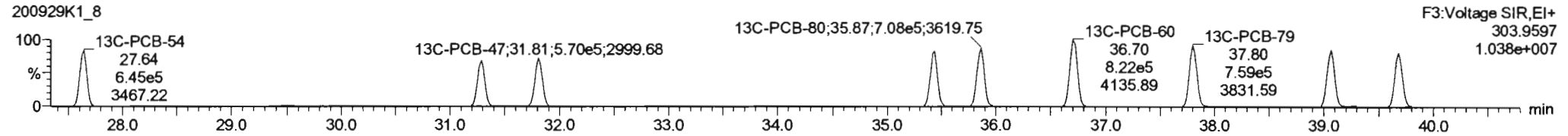
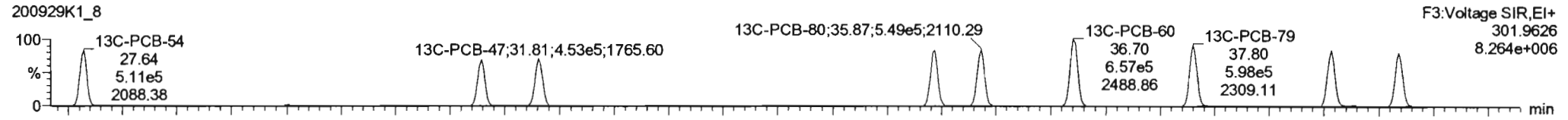
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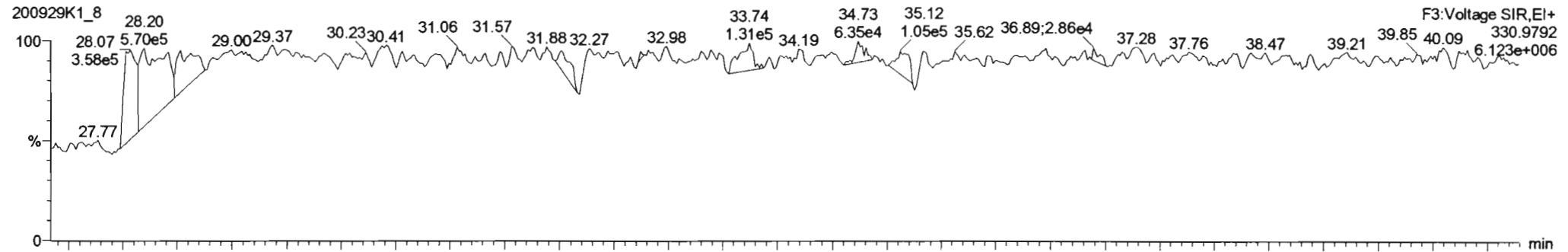
PCB-54



13C-PCB-54



PFK3a



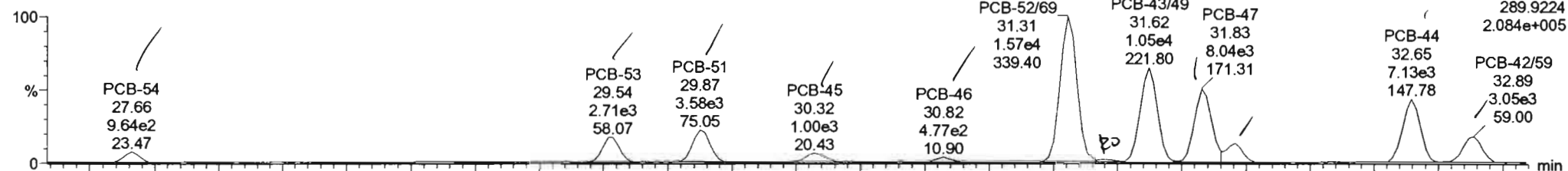
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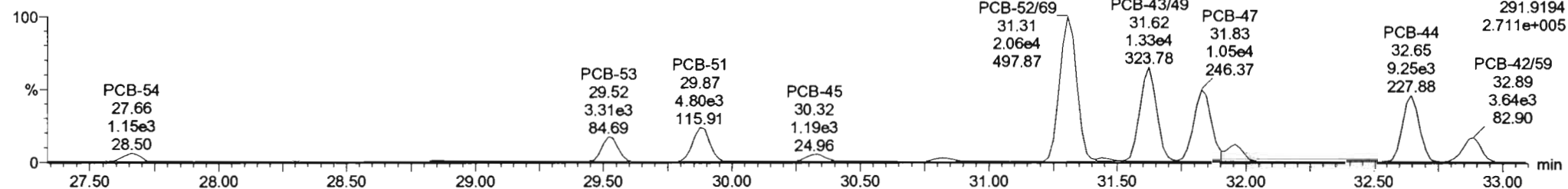
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PCB-50

200929K1_8

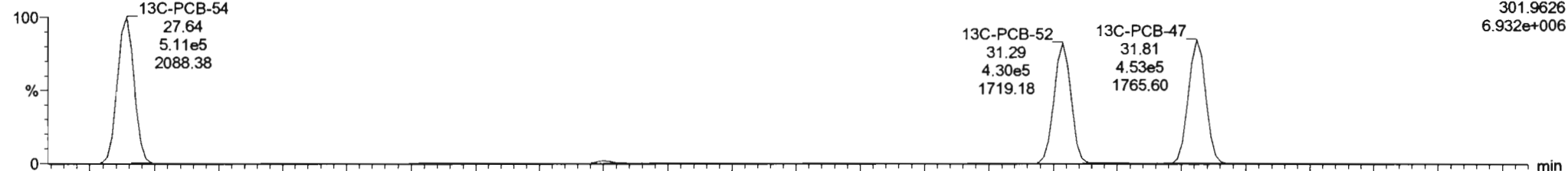


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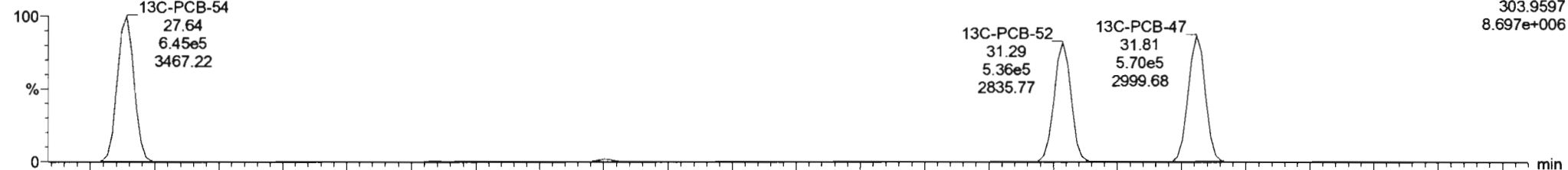


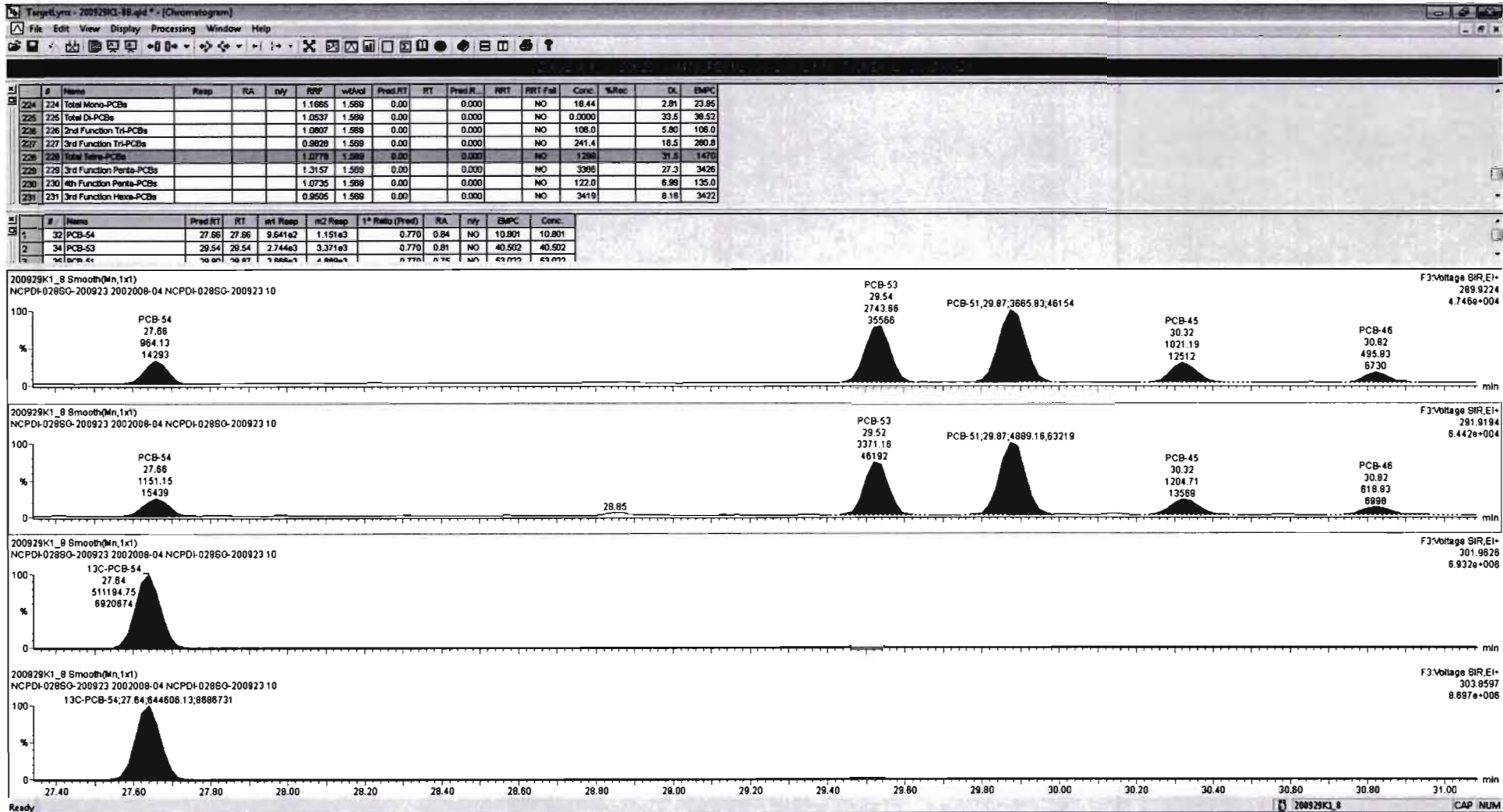
13C-PCB-52

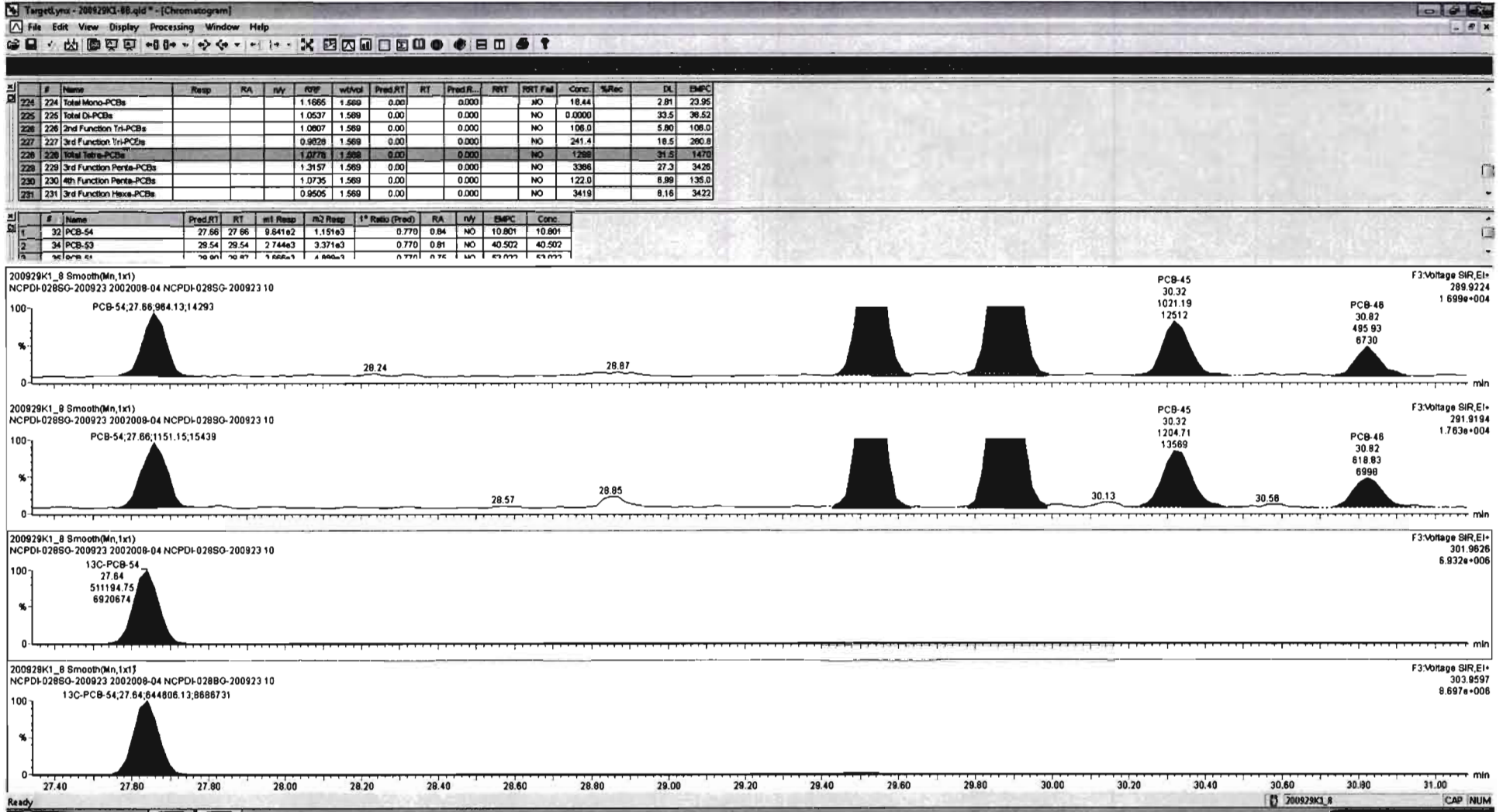
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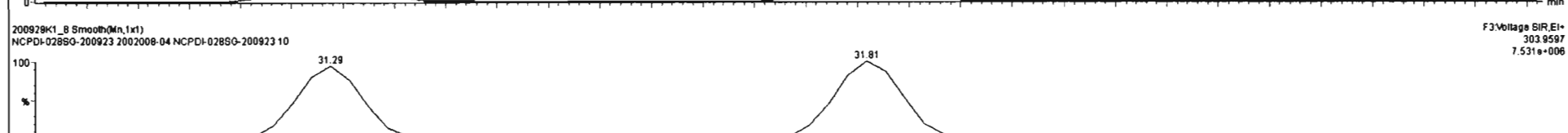
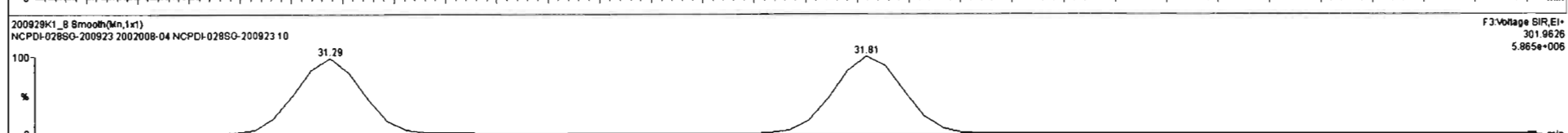
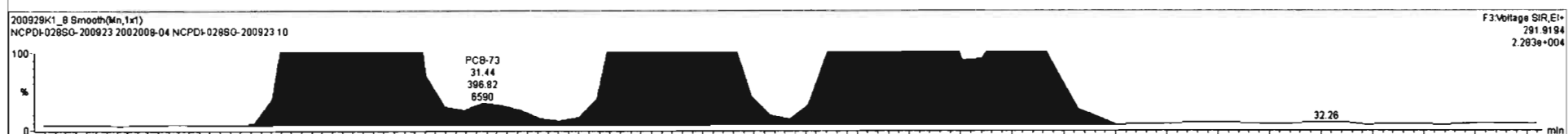
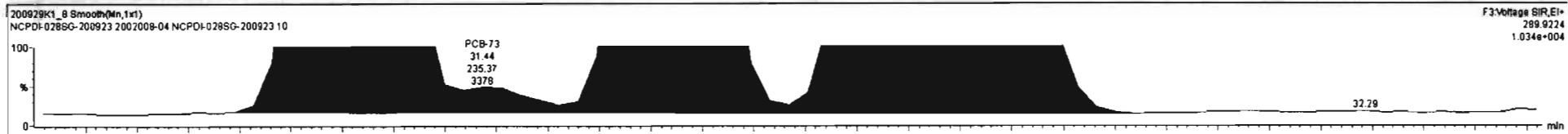






#	Name	Resp	RA	n/y	R/R	wt/Act	Pred RT	RT	Pred R...	RRT	RRT Fat	Conc.	%Rec	OL	EMPC
227	2nd Function Tri-PCBs				0.9828	1.589	0.00	0.000		0.000	NO	241.4		18.5	260.8
228	Total Tri-PCBs				3.0778	1.589	0.00	0.000		0.000	NO	1299		31.8	1478
229	3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000		0.000	NO	3366		27.3	3426
230	4th Function Penta-PCBs				1.0735	1.589	0.00	0.000		0.000	NO	122.0		8.99	135.0
231	3rd Function Hexa-PCBs				0.8505	1.589	0.00	0.000		0.000	NO	3419		8.16	3422
232	4th Function Hexa-PCBs				1.0316	1.589	0.00	0.000		0.000	NO	7318		34.9	7351
233	Total Hepta-PCBs				1.3551	1.589	0.00	0.000		0.000	NO	6322		25.6	8323
234	4th Function Octa-PCBs				1.0008	1.589	0.00	0.000		0.000	NO	962.4		8.12	1028

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	30 PCB-73	31.46	31.44	2.354e2	3.969e2	0.770	0.59	YES	2.4750	0.00000
2	36 PCB-52/69	31.33	31.31	1.570e4	2.060e4	0.770	0.76	NO	205.41	205.41



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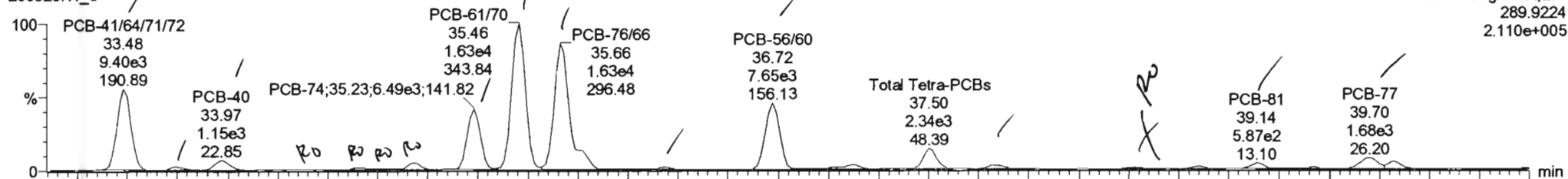
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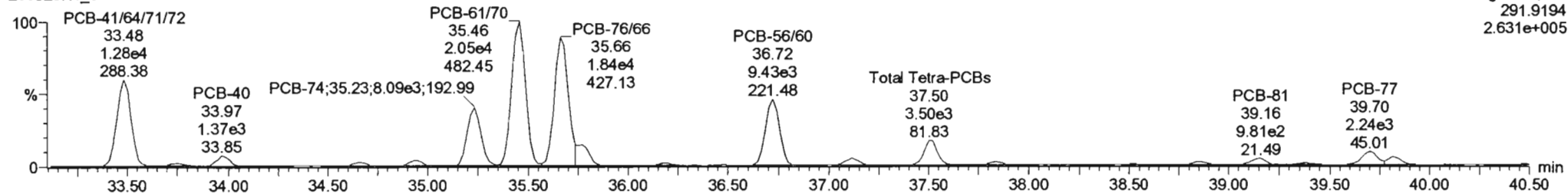
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200929K1_8

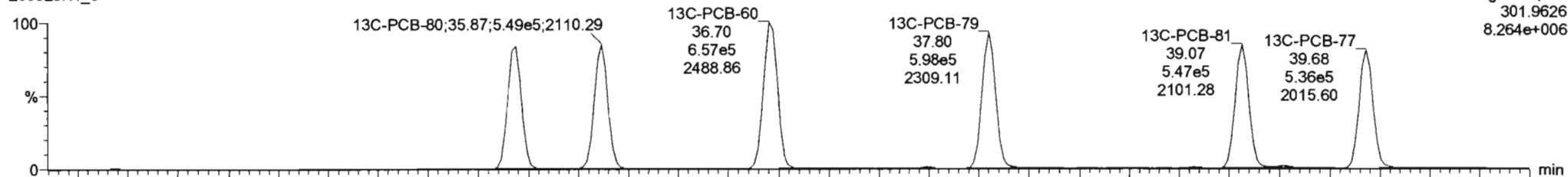


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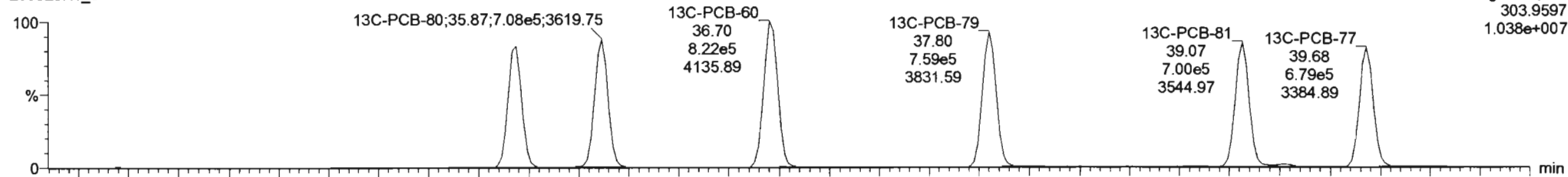


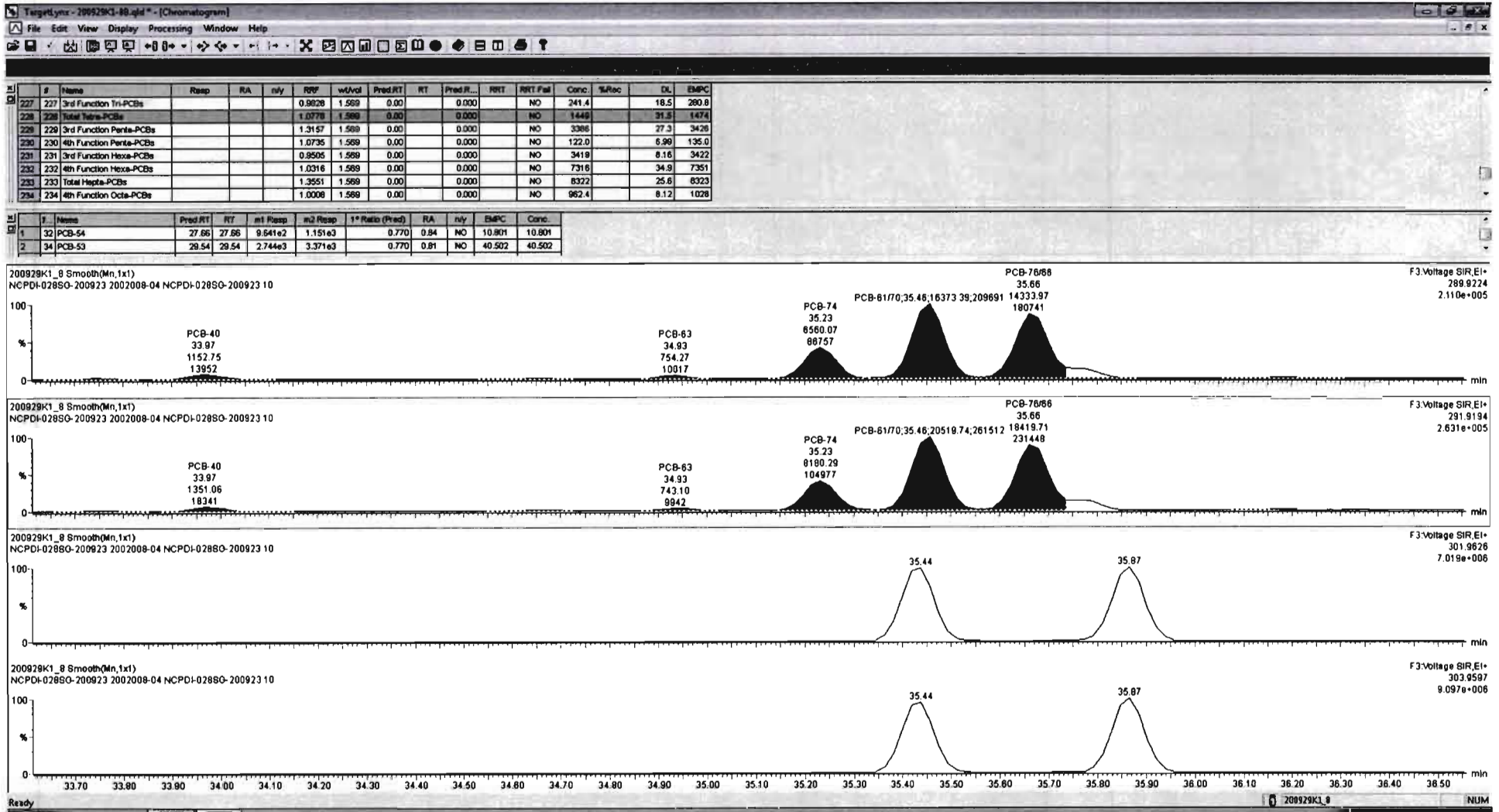
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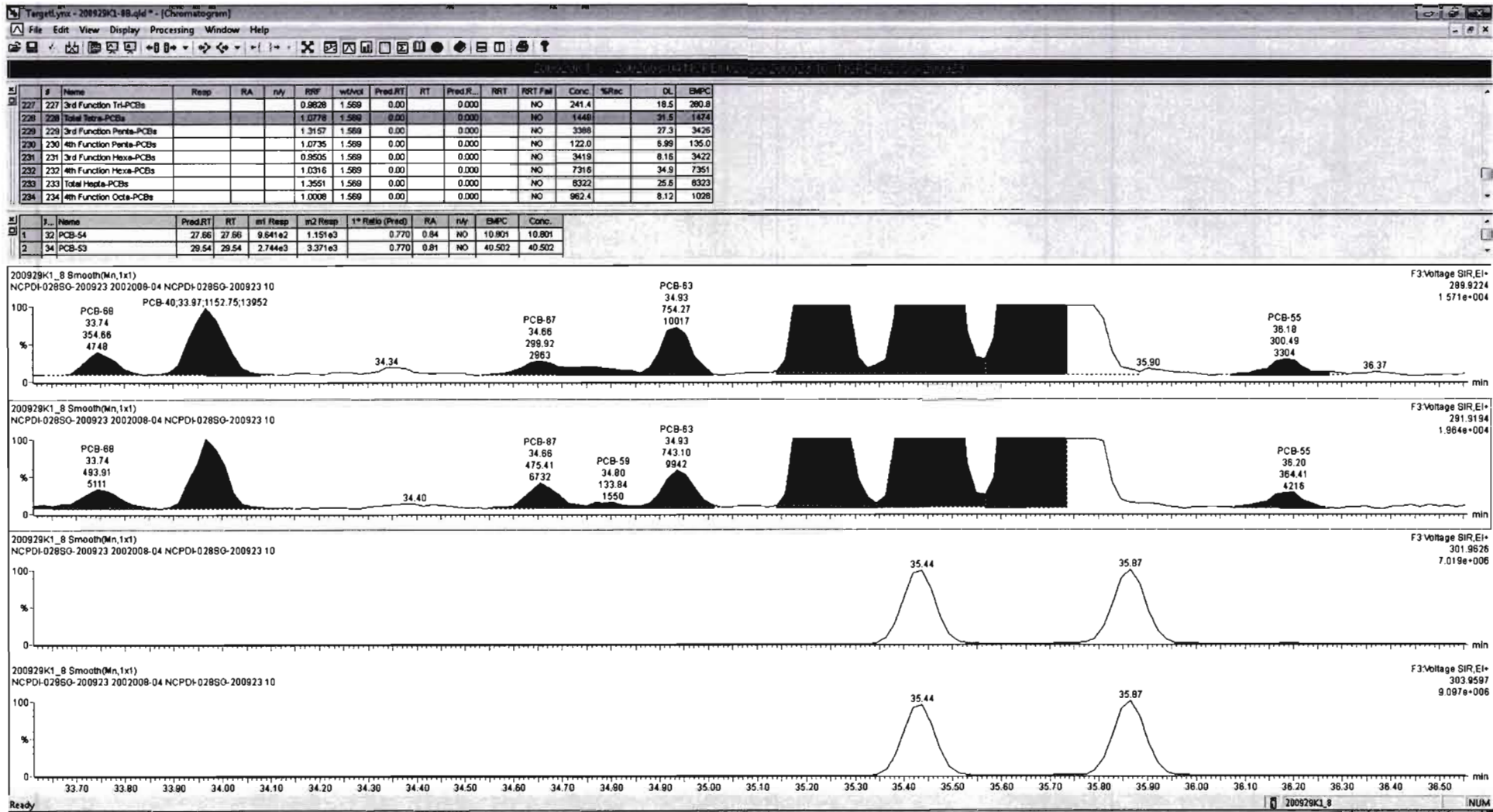
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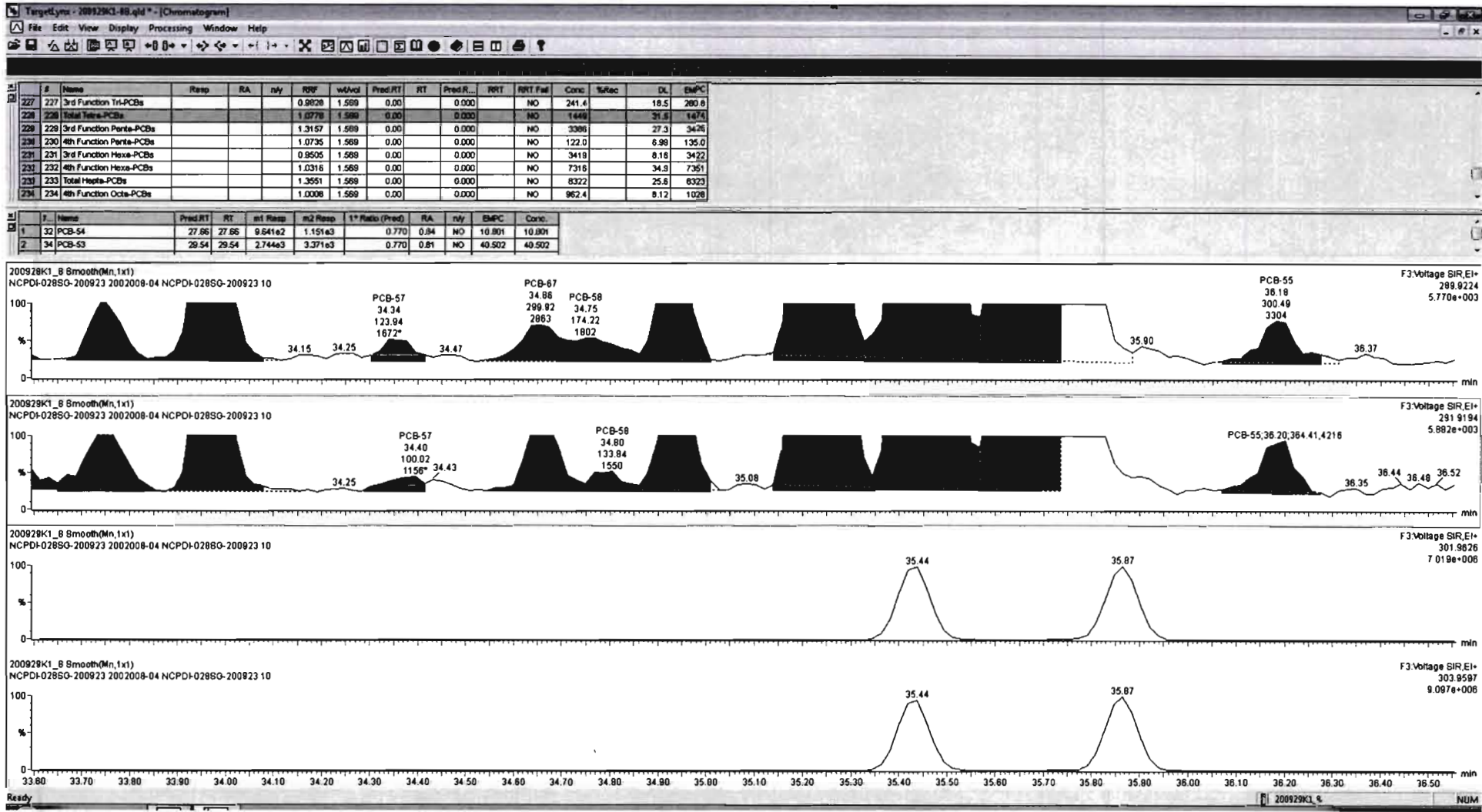


200929K1_8



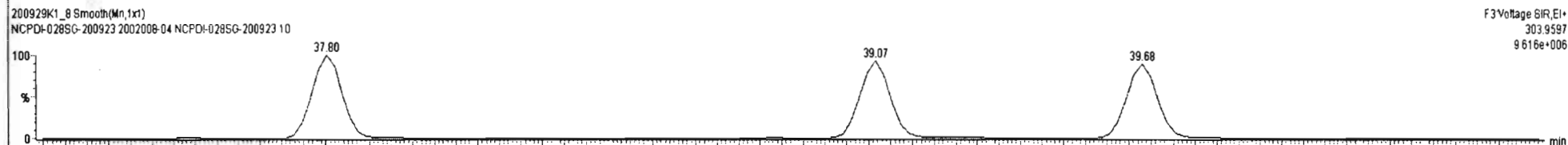
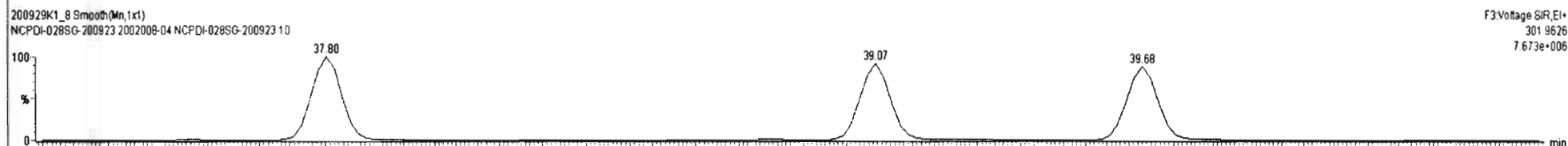
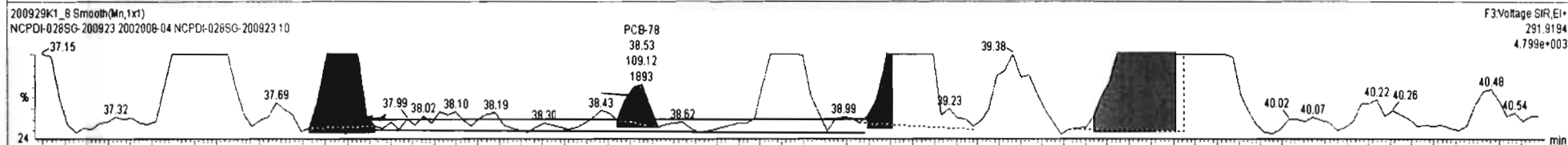
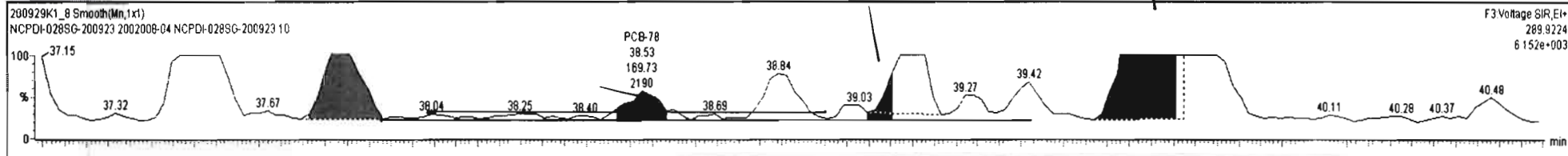


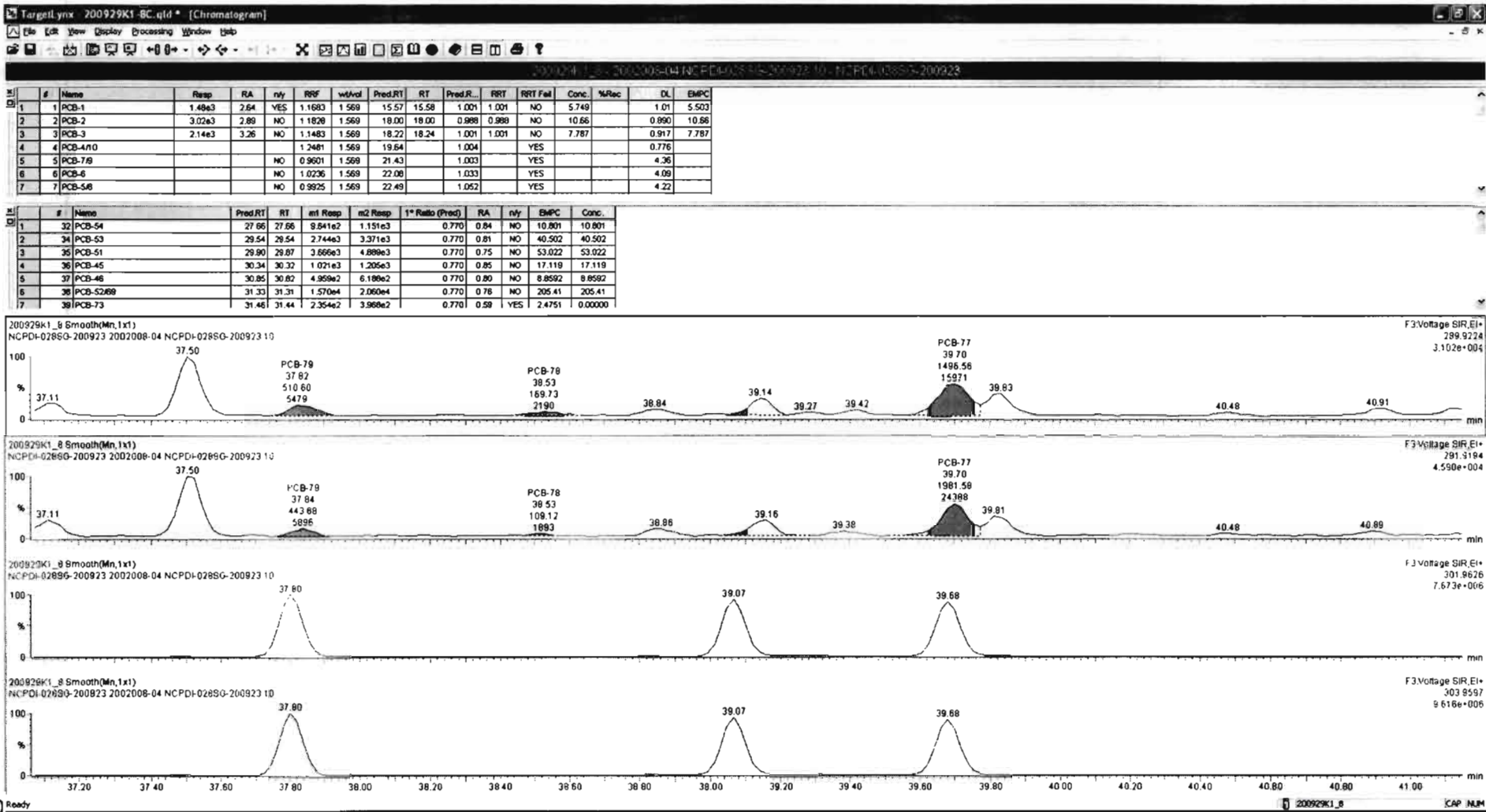




#	Name	Resp	RA	n/y	RRF	w/ArcI	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
1	PCB-1	1.48e3	2.64	YES	1.1683	1.569	15.57	15.58	1.001	1.001	NO	5.749		1.01	5.503
2	PCB-2	3.02e3	2.89	NO	1.1828	1.569	18.00	18.00	0.988	0.988	NO	10.66		0.890	10.66
3	PCB-3	2.14e3	3.26	NO	1.1483	1.569	18.22	18.24	1.001	1.001	NO	7.787		0.917	7.787
4	PCB-4/0				1.2481	1.569	19.64		1.004		YES				0.776
5	PCB-7/8			NO	0.9601	1.569	21.43		1.003		YES				4.36
6	PCB-6			NO	1.0236	1.569	22.08		1.033		YES				4.09
7	PCB-5/8			NO	0.9925	1.569	22.49		1.052		YES				4.22

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.66	27.66	9.641e2	1.151e3	0.770	0.84	NO	10.801	10.801
2	34 PCB-53	29.54	29.54	2.744e3	3.371e3	0.770	0.81	NO	40.502	40.502
3	35 PCB-51	29.90	29.87	3.666e3	4.889e3	0.770	0.75	NO	53.022	53.022
4	36 PCB-45	30.34	30.32	1.021e3	1.205e3	0.770	0.85	NO	17.119	17.119
5	37 PCB-46	30.85	30.82	4.959e2	6.188e2	0.770	0.80	NO	8.8582	8.8582
6	38 PCB-52/69	31.33	31.31	1.570e4	2.060e4	0.770	0.76	NO	205.41	205.41
7	39 PCB-73	31.46	31.44	2.354e2	3.968e2	0.770	0.59	YES	2.4751	0.00000

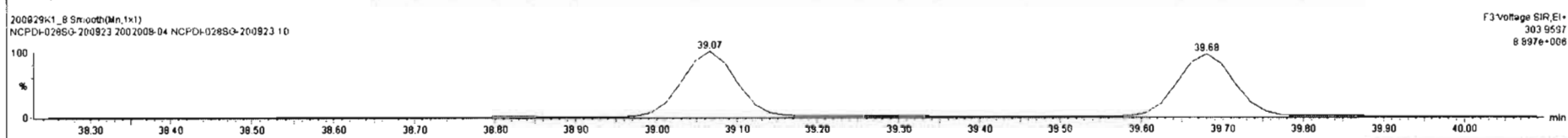
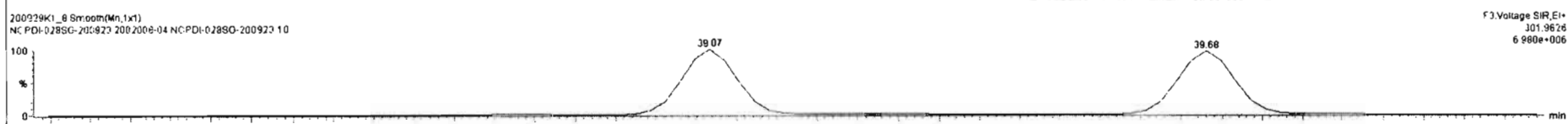
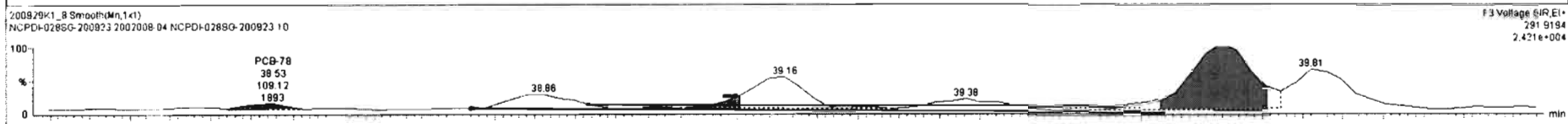
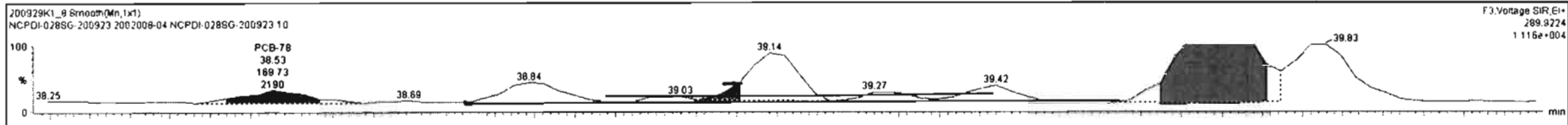




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#	Name	Resp	RA	nVY	RRF	wtVol	Pred.RT	RT	Pred.RT...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
1	PCB-1	1.48e3	2.64	YES	1.1683	1.569	15.57	15.58	1.001	1.001	NO	5.749		1.01	5.503
2	PCB-2	3.02e3	2.89	NO	1.1828	1.569	18.00	18.00	0.988	0.988	NO	10.66		0.890	10.66
3	PCB-3	2.14e3	3.26	NO	1.1483	1.569	18.22	18.24	1.001	1.001	NO	7.787		0.917	7.787
4	PCB-4/10				1.2481	1.568	19.64		1.004		YES			0.776	
5	PCB-7/9				0.9601	1.568	21.43		1.003		YES			4.36	
6	PCB-6				1.0236	1.568	22.08		1.033		YES			4.08	
7	PCB-5/8				0.9925	1.569	22.49		1.052		YES			4.22	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nVY	EMPC	Conc.
1	32 PCB-54	27.86	27.86	9.841e2	1.151e3	0.770	0.84	NO	10.801	10.801
2	34 PCB-53	29.54	29.54	2.744e3	3.371e3	0.770	0.81	NO	40.502	40.502
3	35 PCB-51	29.80	29.87	3.866e3	4.889e3	0.770	0.75	NO	53.022	53.022
4	36 PCB-45	30.34	30.32	1.021e3	1.205e3	0.770	0.85	NO	17.119	17.119
5	37 PCB-46	30.85	30.82	4.959e2	6.188e2	0.770	0.80	NO	8.8592	8.8592
6	38 PCB-52/69	31.33	31.31	1.570e4	2.060e4	0.770	0.76	NO	205.41	205.41
7	39 PCB-73	31.461	31.44	2.354e2	3.968e2	0.770	0.59	YES	2.4751	0.00000



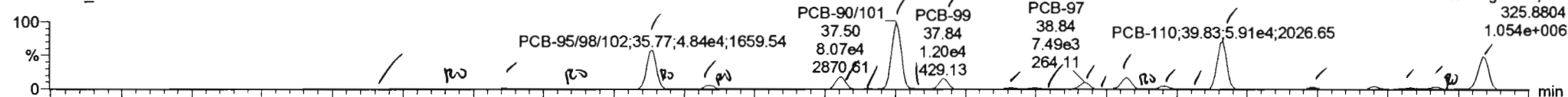
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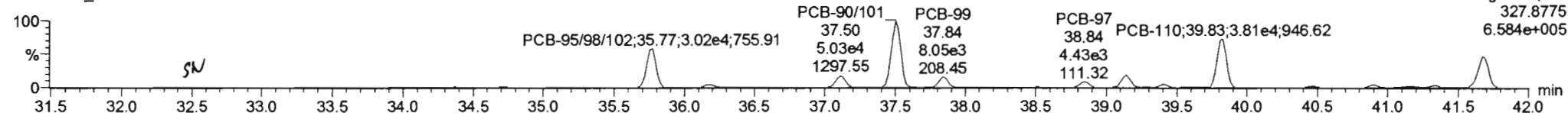
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PCB-104

200929K1_8

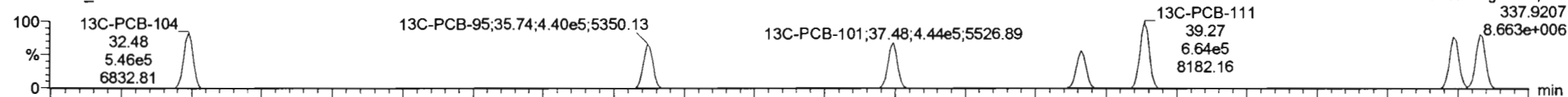


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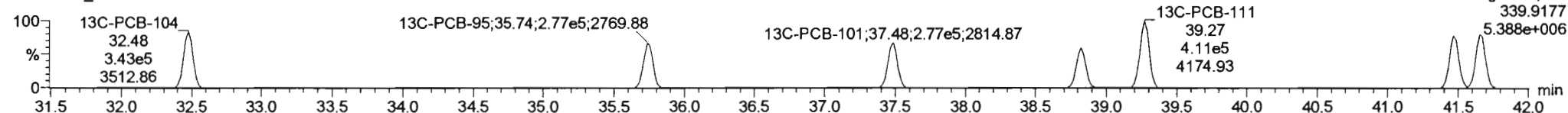


13C-PCB-104

200929K1_8

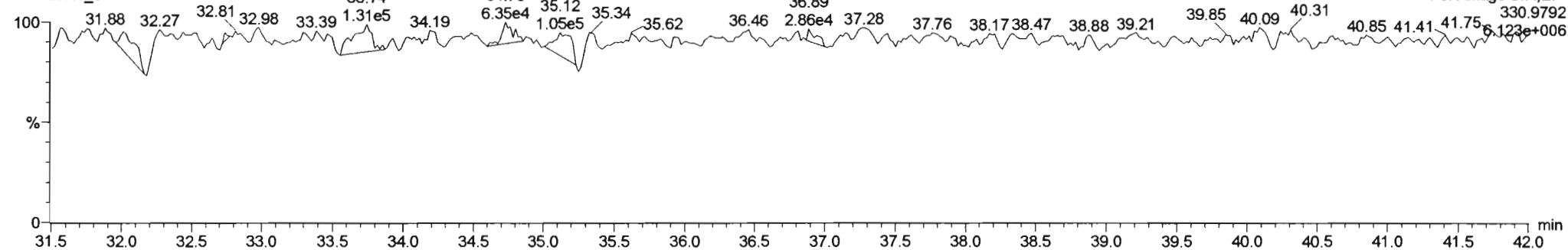


200929K1_8



PFK3b

200929K1_8



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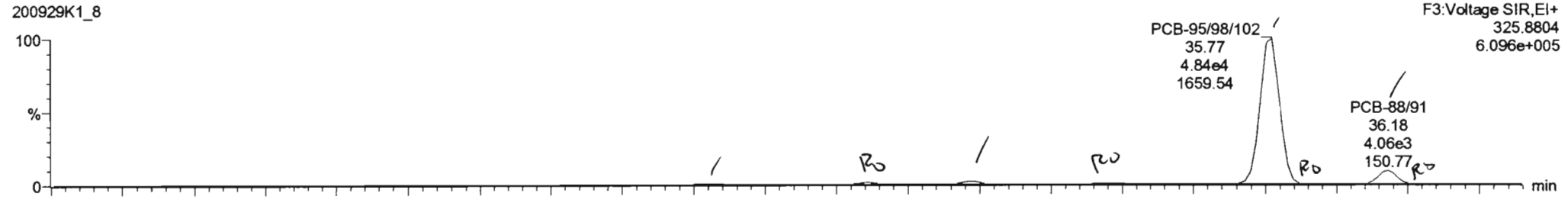
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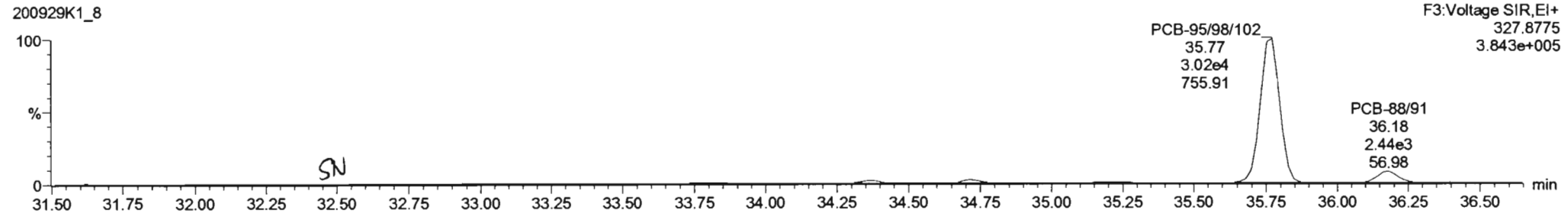
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PCB-96

200929K1_8

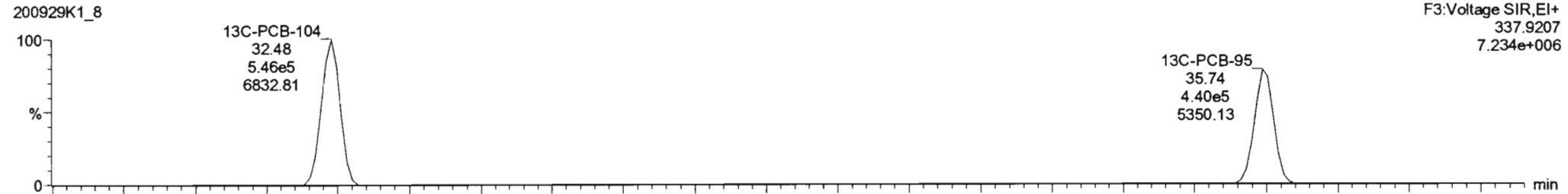


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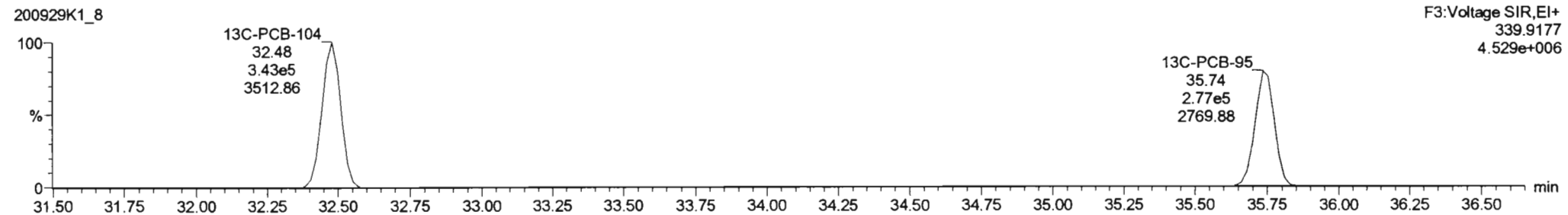


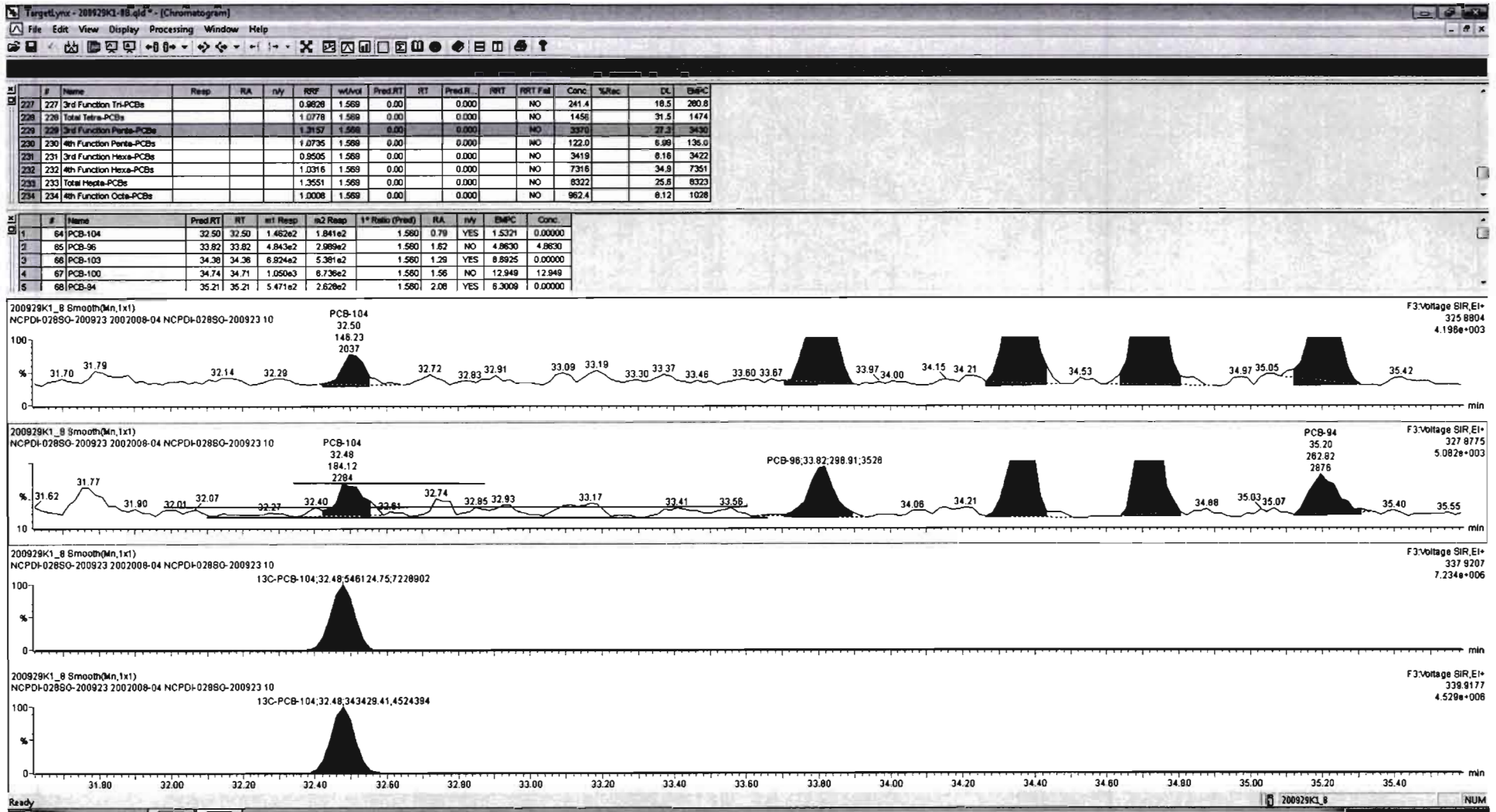
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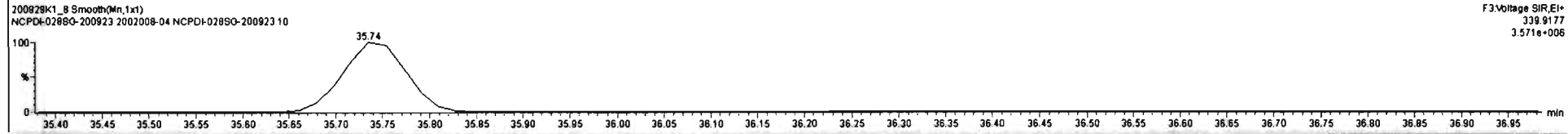
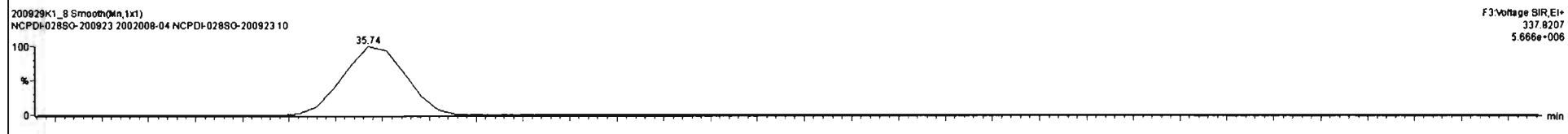
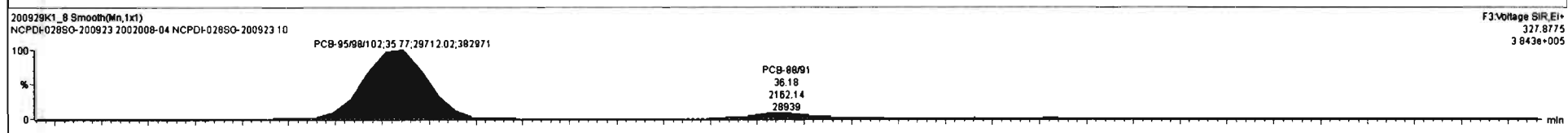
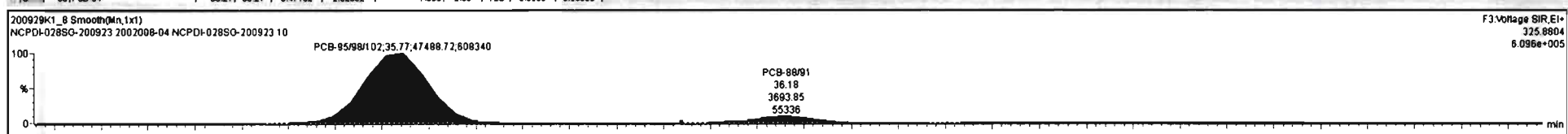
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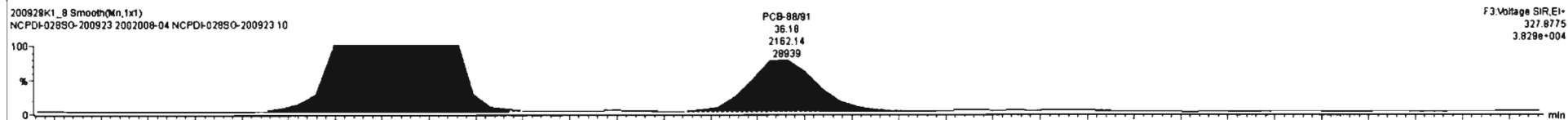
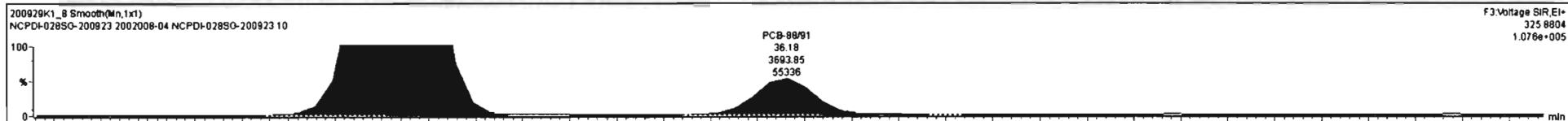
#	Name	Resp	RA	nly	R/R	wtAcl	Pred.RT	RT	Pred.R...	R/R	R/R Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9628	1.569	0.00		0.000		NO	241.4		18.5	280.8
228	228 Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3197	1.569	0.00		0.000		NO	3370		27.3	3430
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	122.0		6.88	135.0
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00		0.000		NO	3419		8.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.569	0.00		0.000		NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.569	0.00		0.000		NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00		0.000		NO	962.4		8.12	1028

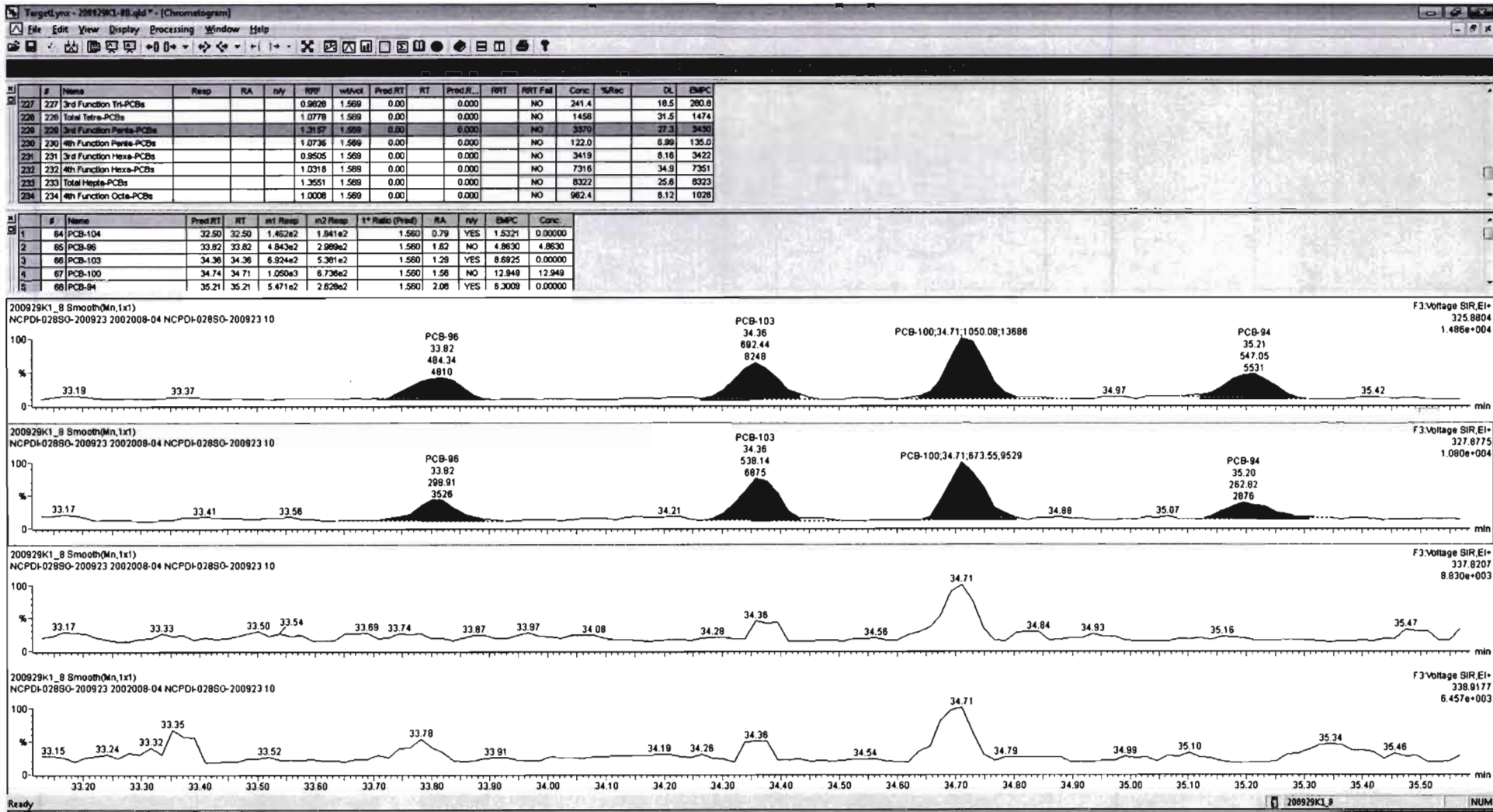
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	64 PCB-104	32.50	32.50	1.46262	1.841e2	1.560	0.79	YES	1.5321	0.00000
2	65 PCB-96	33.82	33.82	4.843e2	2.989e2	1.560	1.62	NO	4.8630	4.8630
3	66 PCB-103	34.38	34.38	6.924e2	5.381e2	1.560	1.29	YES	6.8925	0.00000
4	67 PCB-100	34.74	34.71	1.050e3	6.736e2	1.560	1.56	NO	12.949	12.949
5	68 PCB-94	35.21	35.21	5.471e2	2.628e2	1.560	2.06	YES	6.3009	0.00000



#	#	Name	Resp	RA	n/y	RPF	sdVol	Pred RT	RT	Pred R...	RRT	RRT Fst	Conc	%Rec	DL	EMPC
227	227	3rd Function Tri-PCBs				0.9828	1.569	0.00	0.000			NO	241.4		18.5	260.8
228	228	Total Tetra-PCBs				1.0778	1.569	0.00	0.000			NO	1456		31.5	1474
229	229	3rd Function Penta-PCBs				1.2187	1.569	0.00	0.000			NO	3370		27.3	3436
230	230	4th Function Penta-PCBs				1.0736	1.569	0.00	0.000			NO	122.0		8.88	136.0
231	231	3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000			NO	3419		8.16	3422
232	232	4th Function Hexa-PCBs				1.0316	1.569	0.00	0.000			NO	731.6		34.9	7351
233	233	Total Hepta-PCBs				1.3551	1.569	0.00	0.000			NO	8322		25.6	8323
234	234	4th Function Octa-PCBs				1.0008	1.569	0.00	0.000			NO	862.4		8.12	1028

#	#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	64	PCB-104	32.50	32.50	1.462e2	1.841e2	1.569	0.79	YES	1.5321	0.00000
2	65	PCB-96	33.82	33.82	4.843e2	2.999e2	1.569	1.62	NO	4.8630	4.8630
3	68	PCB-103	34.36	34.36	6.924e2	5.361e2	1.569	1.29	YES	8.6925	0.00000
4	67	PCB-100	34.74	34.71	1.050e3	6.736e2	1.569	1.56	NO	12.949	12.949
5	68	PCB-94	35.21	35.21	5.471e2	2.826e2	1.569	2.08	YES	6.3008	0.00000

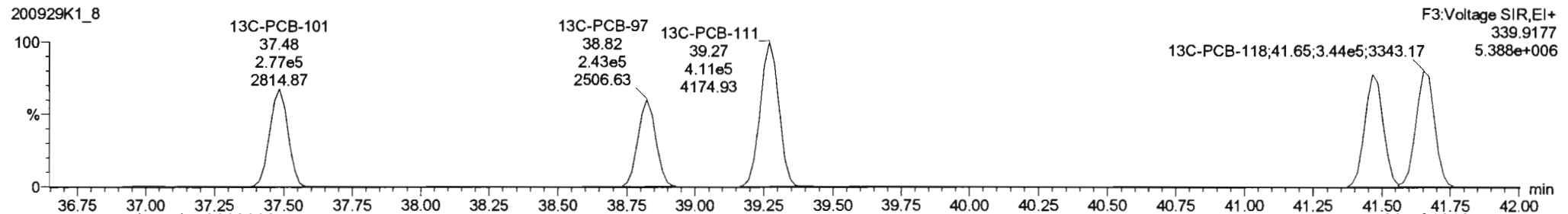
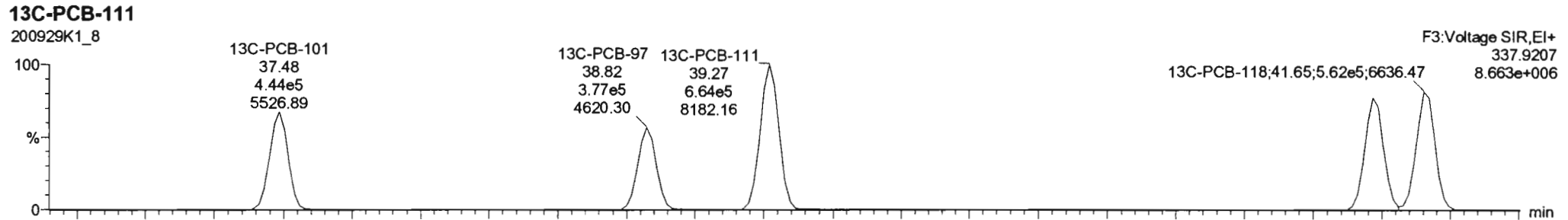
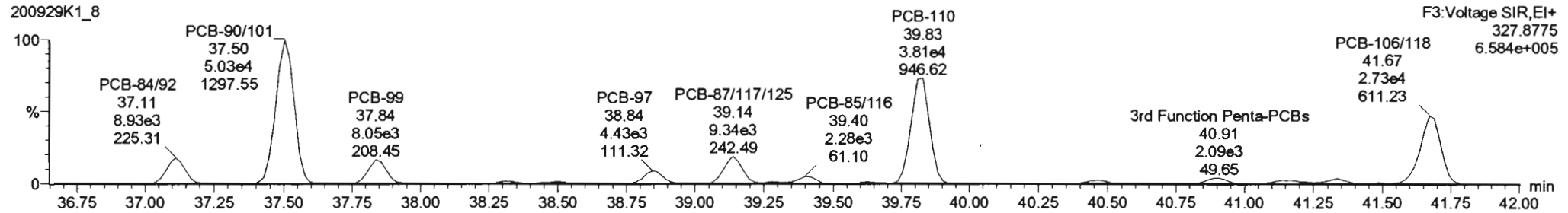
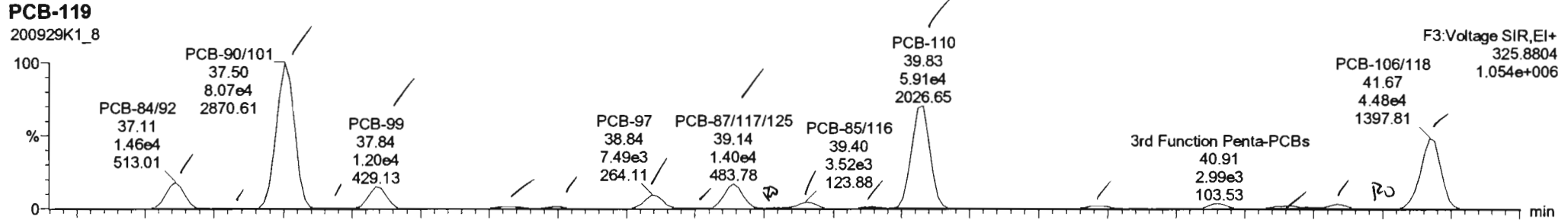


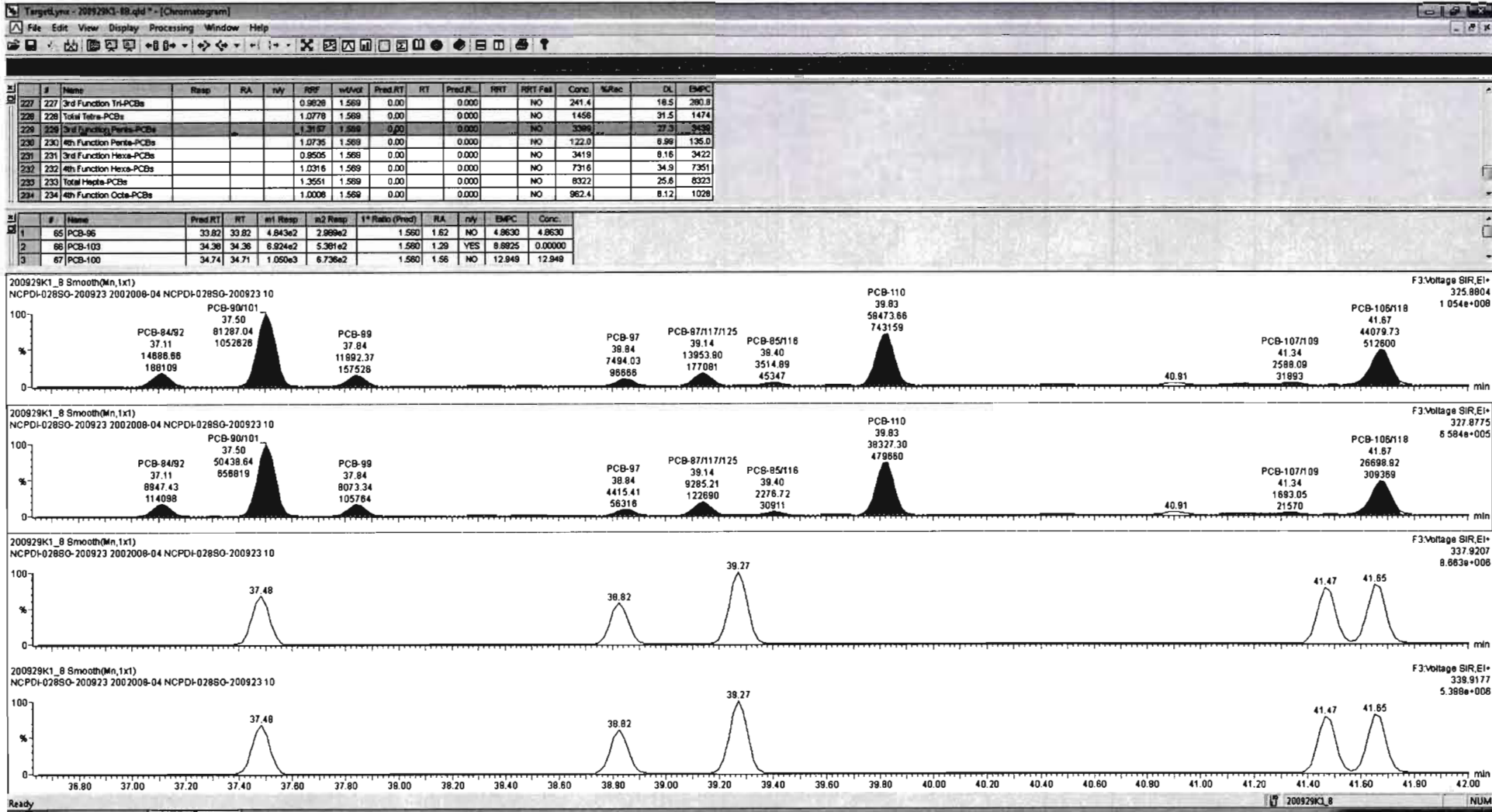


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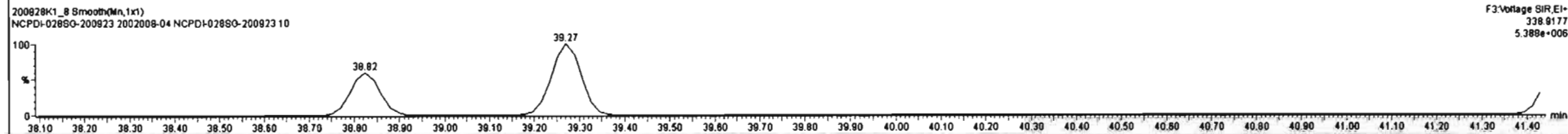
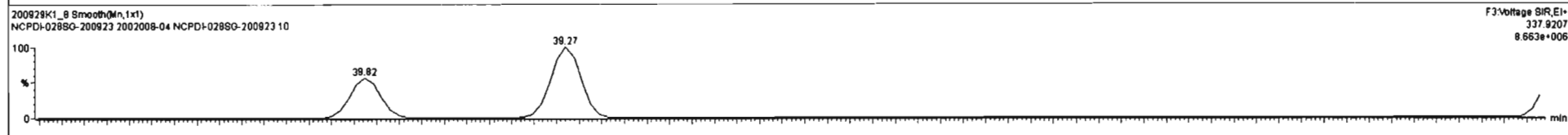
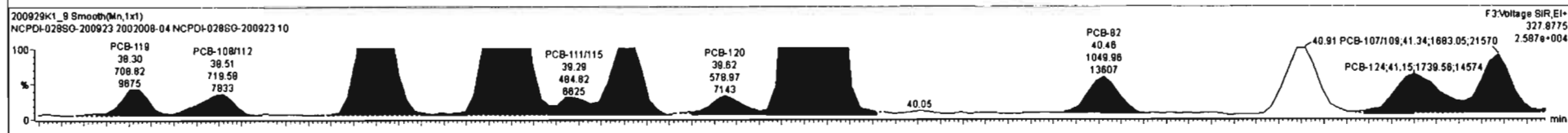
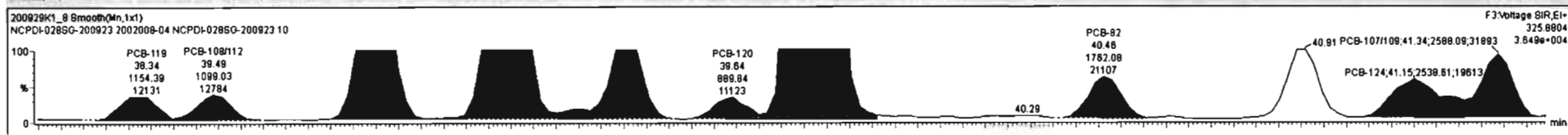
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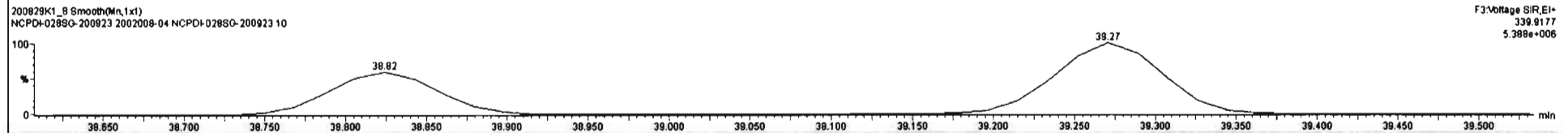
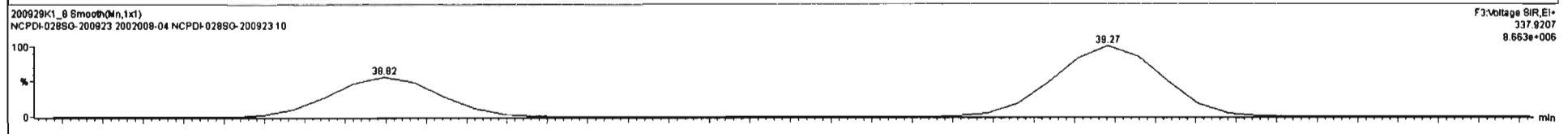
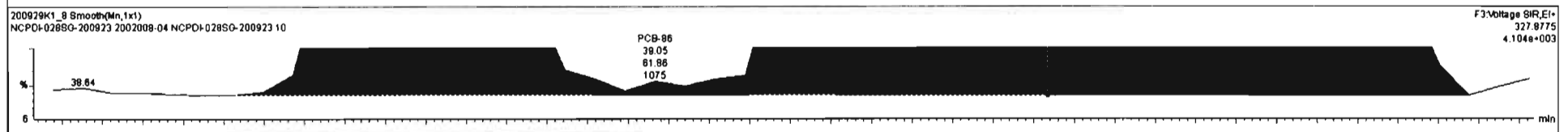
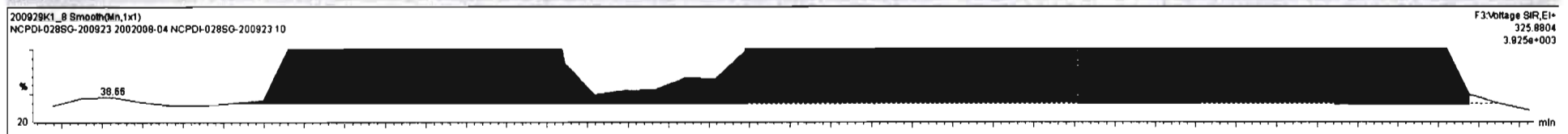
#	Name	Resp	RA	n/y	RRF	wtAvcl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.569	0.00	0.000			NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3187	1.569	0.00	0.000			NO	3399		27.3	3436
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00	0.000			NO	122.0		8.96	135.0
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000			NO	3419		8.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.569	0.00	0.000			NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.569	0.00	0.000			NO	8322		25.8	8323
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00	0.000			NO	962.4		8.12	1026
235	235 5th Function Octa-PCBs				1.1489	1.569	0.00	0.000			NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.569	0.00	0.000			NO	131.8		3.59	157.4
237	237 Total PCBs				0.9864	1.569	0.00	0.000			NO	100.4		0.413	100.4

#	Name	Pred.RT	RT	wt Resp	m2 Resp	1*Ratio (Pred)	RA	n/y	EMPC	Conc.
1	66 PCB-103	34.36	34.36	6.024e2	5.381e2	1.569	1.29	YES	8.8920	0.00000
2	85 PCB-96	33.82	33.82	4.843e2	2.989e2	1.569	1.82	NO	4.8630	4.8630
3	85 PCB-85/116	39.42	39.40	3.515e3	2.277e3	1.569	1.54	NO	42.179	42.178

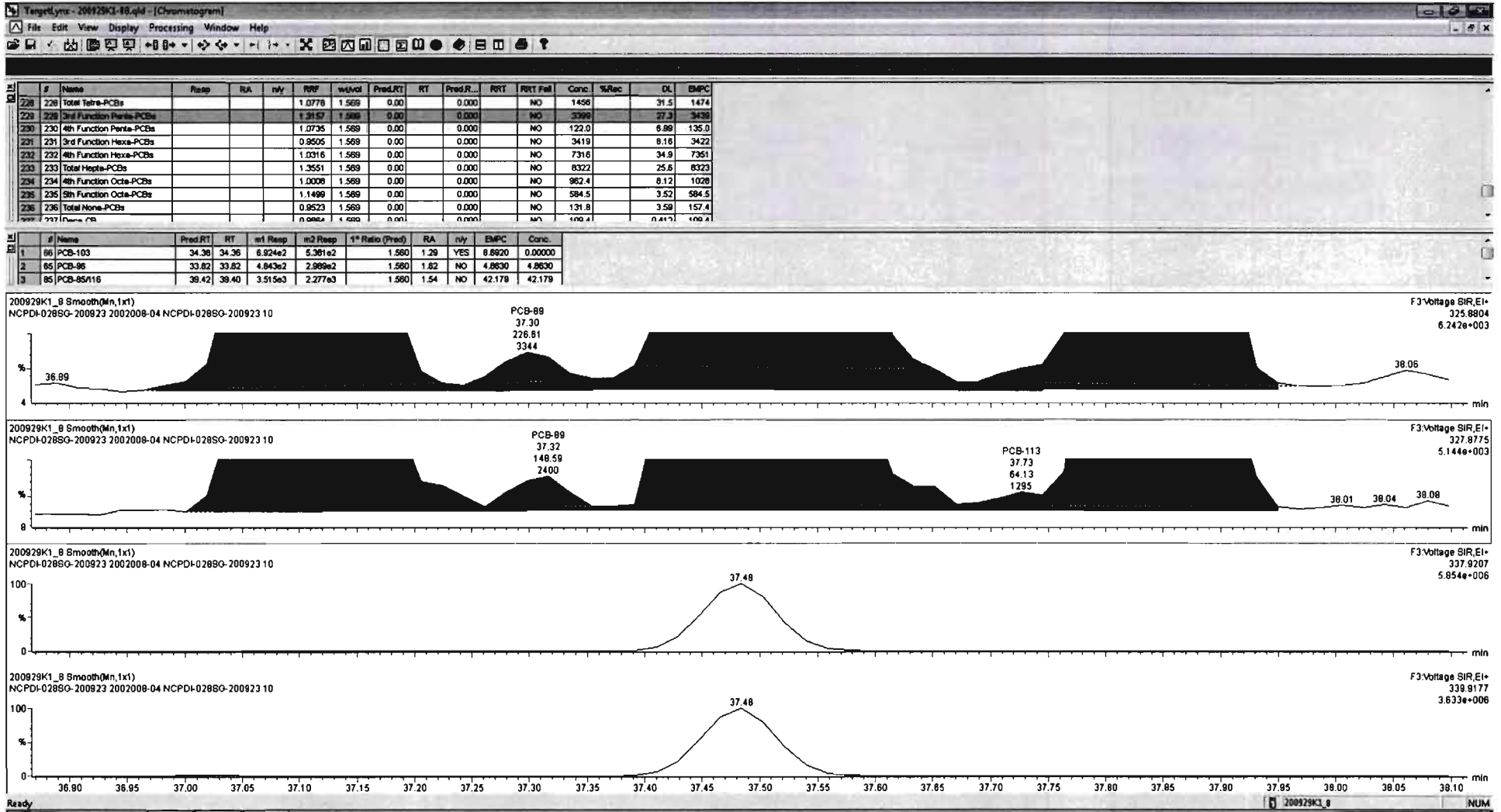


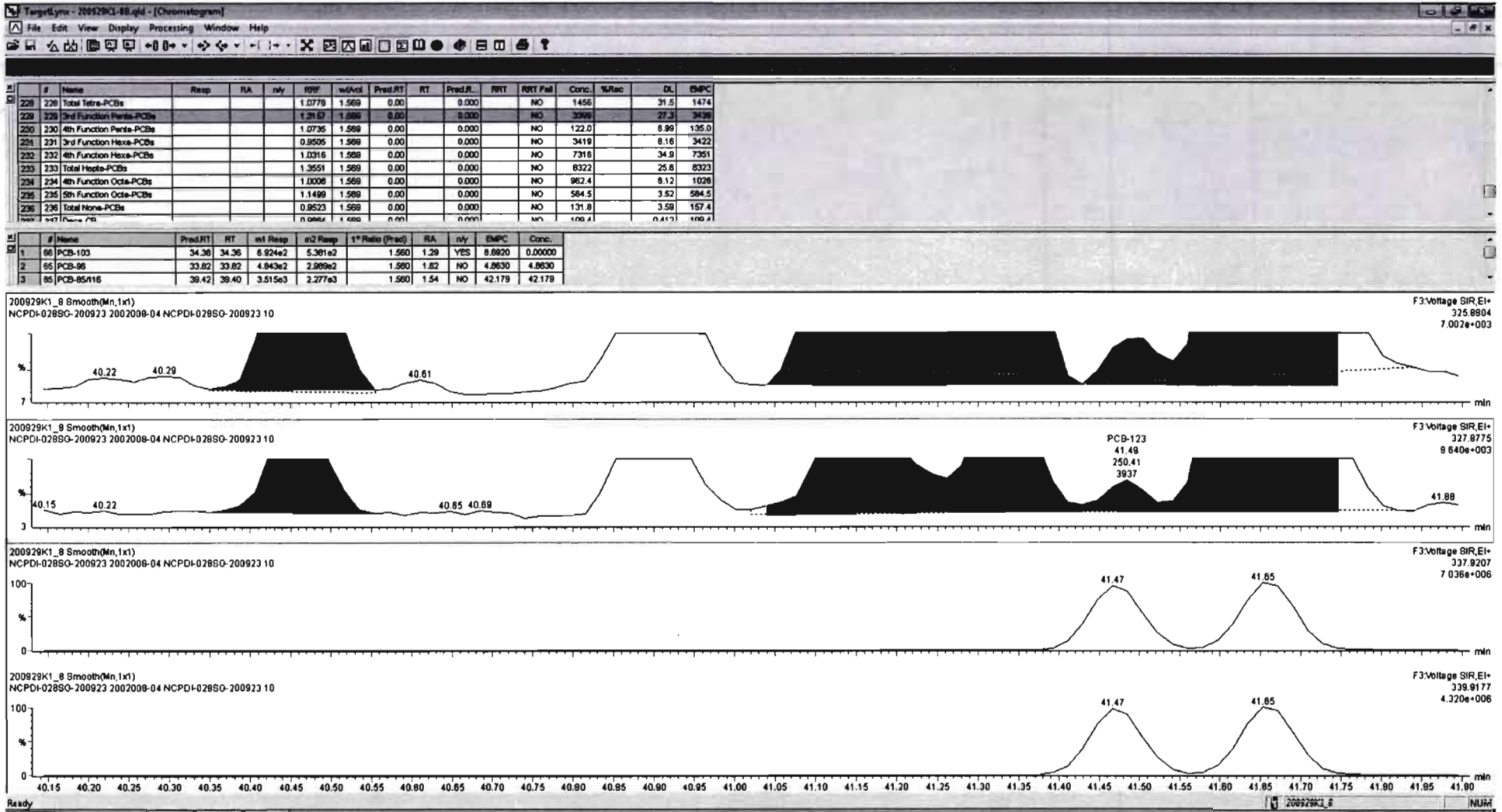
#	Name	Resp	RA	n/y	RRF	ndVcl	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.569	0.00	0.000			NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.568	0.00	0.000			NO	3309		27.3	3436
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00	0.000			NO	122.0		6.99	135.0
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000			NO	3418		8.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.568	0.00	0.000			NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.569	0.00	0.000			NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00	0.000			NO	962.4		6.12	1026
235	235 5th Function Octa-PCBs				1.1499	1.569	0.00	0.000			NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.569	0.00	0.000			NO	131.8		3.59	157.4

#	Name	Pred.RT	RT	ret Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	86 PCB-103	34.36	34.36	6.924e2	5.361e2	1.560	1.29	YES	8.8920	0.00000
2	85 PCB-86	33.82	33.82	4.843e2	2.989e2	1.560	1.62	NO	4.8630	4.8630
3	85 PCB-85/116	38.42	39.40	3.515e3	2.277e3	1.560	1.54	NO	42.178	42.178



Ready 200929K1_8 NUM



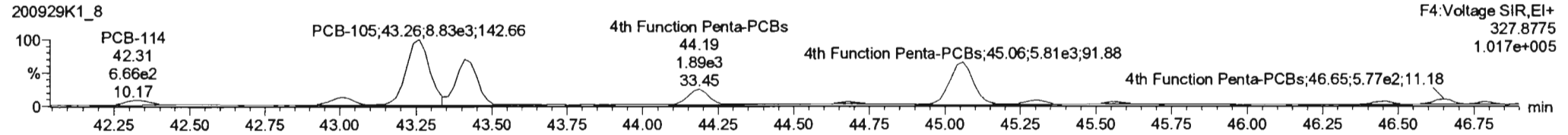
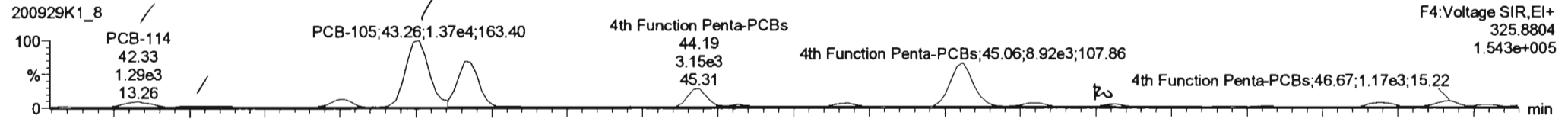


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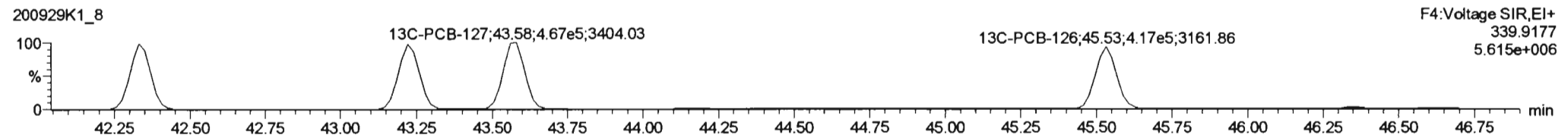
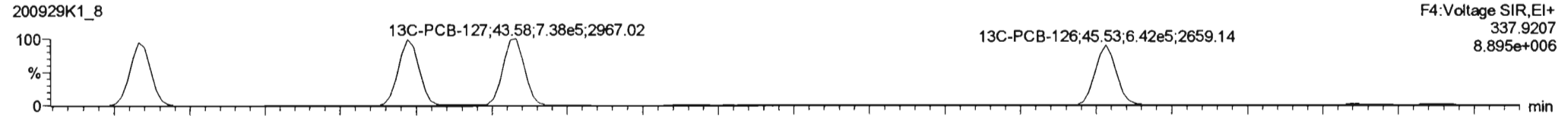
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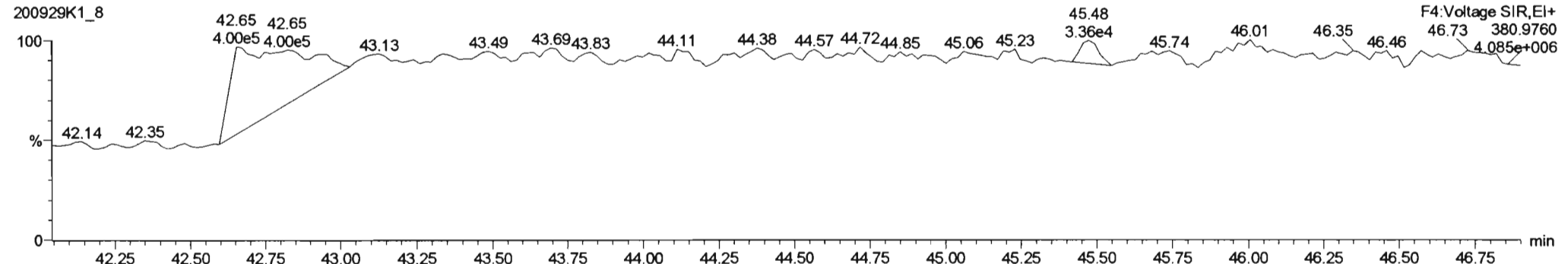
PCB-114



13C-PCB-114

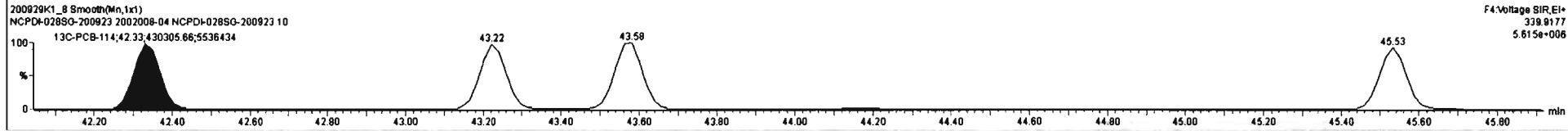
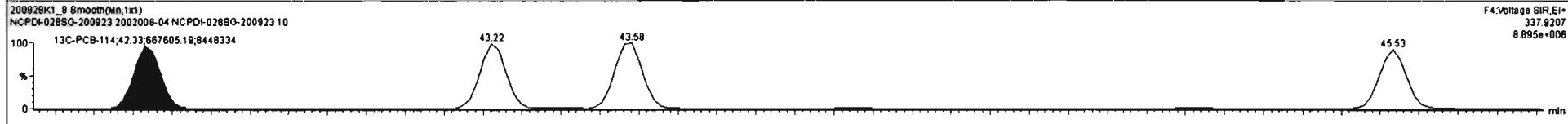
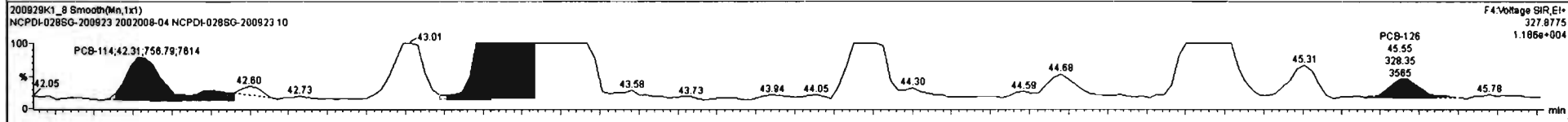
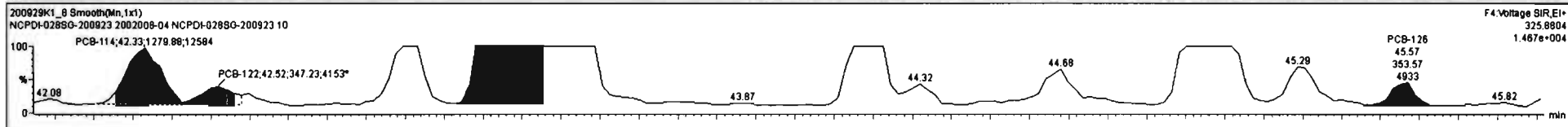


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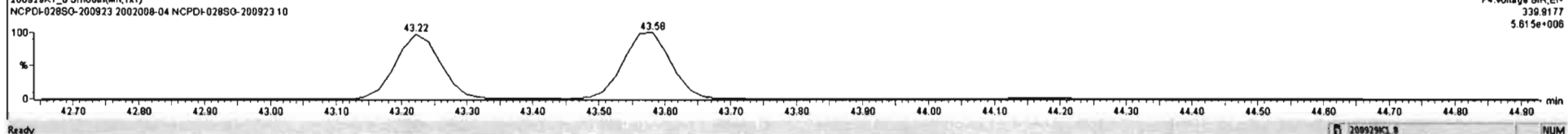
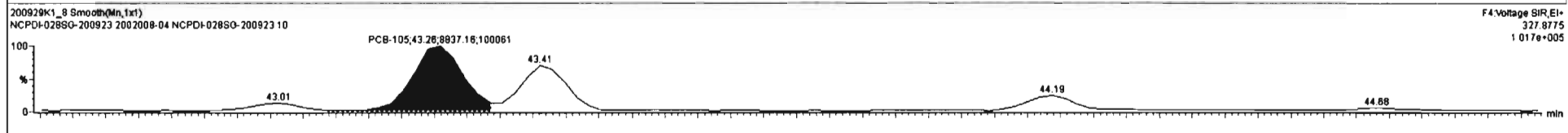
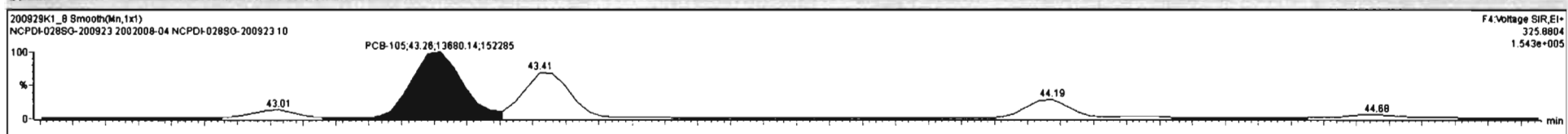
#	Name	Resp	RA	n/y	RRF	WtAval	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.569	0.00	0.000			NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.569	0.00	0.000			NO	3398		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00	0.000			NO	135.7		6.98	138.1
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000			NO	3419		0.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.569	0.00	0.000			NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.569	0.00	0.000			NO	8322		25.8	8323
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00	0.000			NO	862.4		0.12	1028
235	235 5th Function Octa-PCBs				1.1499	1.569	0.00	0.000			NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.569	0.00	0.000			NO	131.8		3.59	157.4
237	237 Total PCBs				0.9884	1.569	0.00	0.000			NO	100.4		0.413	100.4

#	Name	Pred.RT	RT	wt Resp	int Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.33	1.280e3	7.568e2	1.560	1.89	NO	10.359	10.359
2	94 PCB-122	42.50	42.52	2.872e2	1.636e2	1.560	1.76	NO	2.7707	2.7707
3	95 PCB-105	43.24	43.26	1.368e4	8.626e3	1.550	1.55	NO	121.89	121.89
4	97 PCB-126	45.55	45.57	3.536e2	3.263e2	1.560	1.08	YES	2.9781	0.00000



#	Name	Resp	RA	nly	RWF	wtAvt	Pred.RT	RT	Pred.R.	RRT	RRT Fst	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1456		31.5	1474
229	3rd Function Penta-PCBs				1.3157	1.569	0.00		0.000		NO	3399		27.3	3438
230	4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	135.8		6.88	138.7
231	3rd Function Hexa-PCBs				0.9506	1.569	0.00		0.000		NO	3419		8.16	3422
232	4th Function Hexa-PCBs				1.0316	1.569	0.00		0.000		NO	7316		34.9	7351
233	Total Hepta-PCBs				1.3551	1.569	0.00		0.000		NO	8322		25.6	8323
234	4th Function Octa-PCBs				1.0008	1.569	0.00		0.000		NO	962.4		6.12	1028
235	5th Function Octa-PCBs				1.1499	1.569	0.00		0.000		NO	584.5		3.52	584.5
236	Total Nona-PCBs				0.9523	1.569	0.00		0.000		NO	131.8		3.59	157.4

#	Name	Pred.RT	RT	wt Resp	wt2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.35	42.33	1.280e3	7.568e2	1.580	1.69	NO	10.359	10.359
2	94 PCB-122	42.50	42.52	3.472e2	1.965e2	1.580	1.77	NO	3.3424	3.3424
3	95 PCB-105	43.24	43.26	1.368e4	8.837e3	1.550	1.55	NO	122.05	122.05
4	97 PCB-126	45.55	45.57	3.536e2	3.283e2	1.580	1.08	YES	2.9781	0.00000



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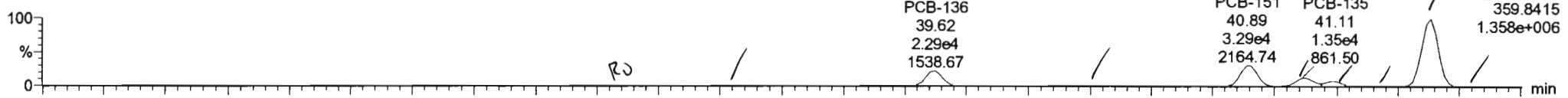
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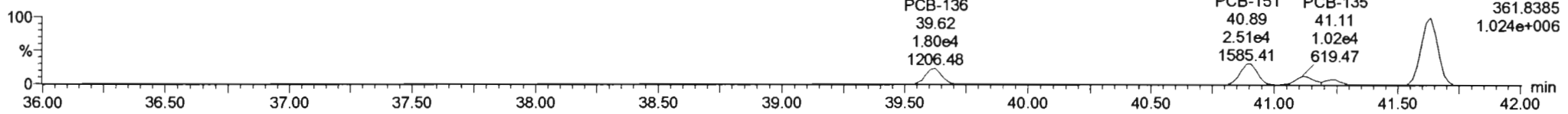
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PCB-155

200929K1_8

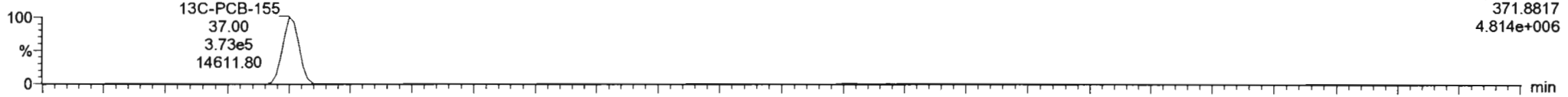


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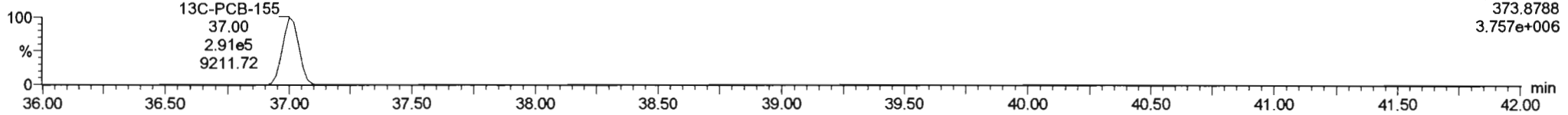


13C-PCB-155

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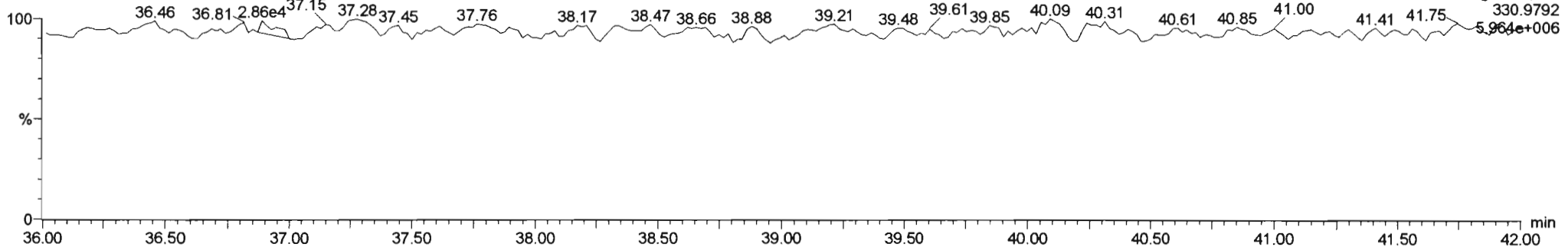


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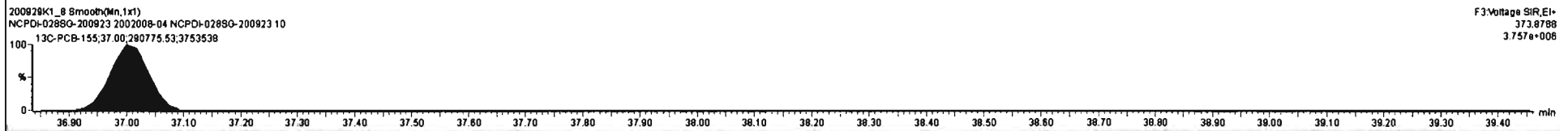
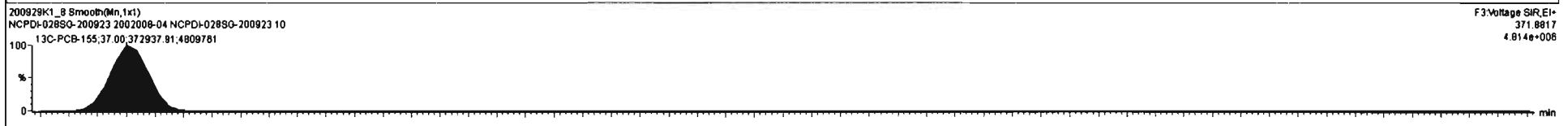
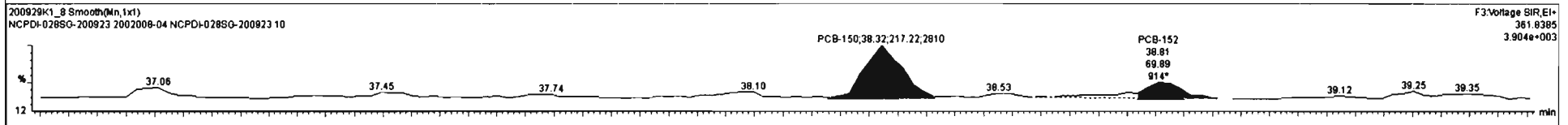
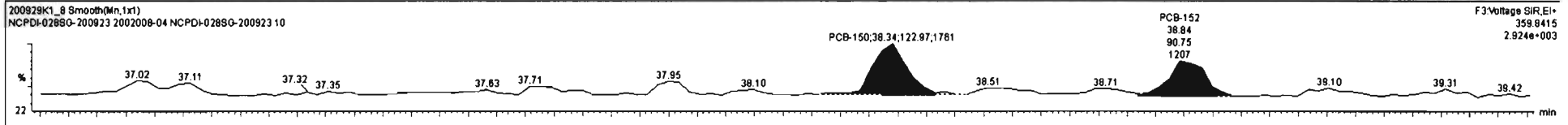
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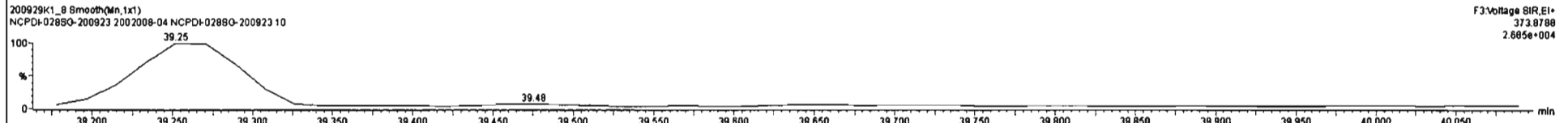
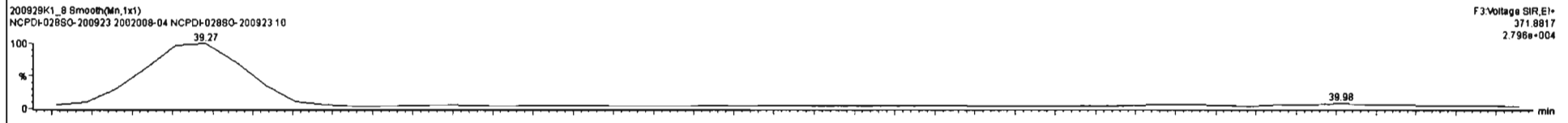
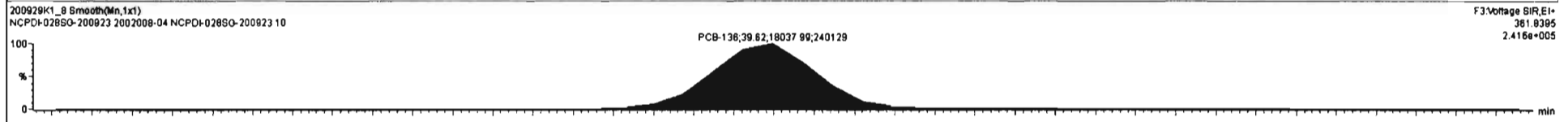
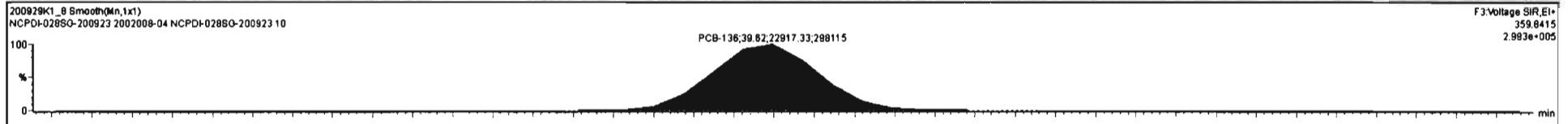
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228	228 Total Tetra-PCBs				1.0778	1.589	0.00		0.000		NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00		0.000		NO	3398		27.3	3438
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00		0.000		NO	135.5		6.99	138.7
231	231 3rd Function Hexa-PCBs				0.9595	1.589	0.00		0.000		NO	3426		8.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00		0.000		NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.589	0.00		0.000		NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00		0.000		NO	962.4		6.12	1026
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00		0.000		NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.589	0.00		0.000		NO	131.8		3.59	157.4

#	Name	Pred RT	RT	n1 Resp	n2 Resp	I ² Ratio (Pred)	RA	nly	EMPC	Conc
1	98 PCB-150	38.34	38.34	1.230e2	2.172e2	1.240	0.57	YES	1.9887	0.00000
2	100 PCB-152	38.83	38.84	9.075e1	6.466e1	1.240	1.40	NO	1.2577	1.2577
3	102 PCB-138	38.63	38.62	2.281e4	1.804e4	1.240	1.27	NO	385.11	385.11
4	104 PCB-154	40.24	40.24	4.629e2	3.810e2	1.240	1.28	NO	6.8084	6.8084



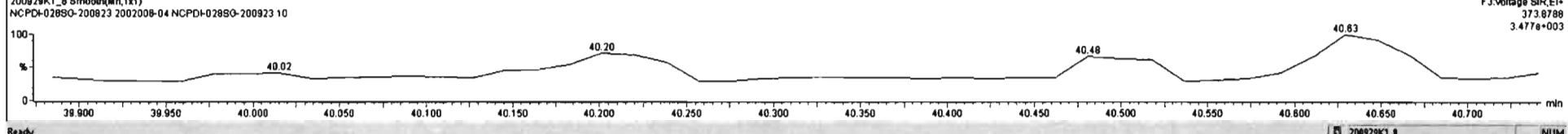
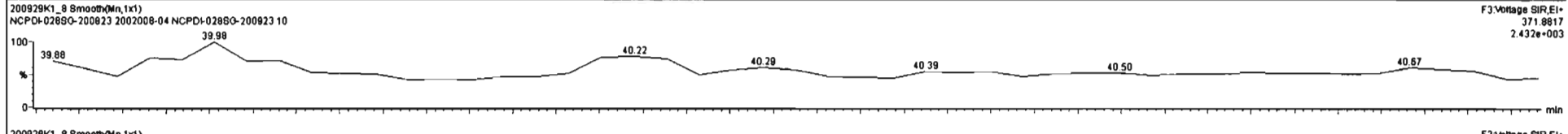
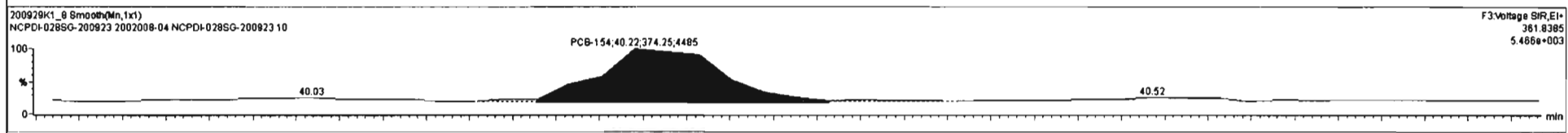
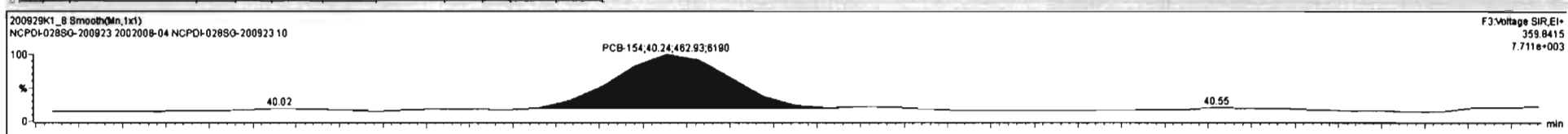
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228	228 Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1456		31.5	1474
228	228 3rd Function Penta-PCBs				1.3157	1.569	0.00		0.000		NO	3098		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	135.8		8.89	136.7
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00		0.000		NO	3420		8.18	3422
232	232 4th Function Hexa-PCBs				1.0316	1.569	0.00		0.000		NO	7318		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.569	0.00		0.000		NO	8322		25.8	8323
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00		0.000		NO	962.4		8.12	1026
235	235 5th Function Octa-PCBs				1.1499	1.569	0.00		0.000		NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.569	0.00		0.000		NO	131.8		3.59	157.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	99 PCB-150	39.34	39.34	1.230e2	2.172e2	1.240	0.57	YES	1.9687	0.00000
2	100 PCB-152	39.83	39.84	9.075e1	8.898e1	1.240	1.30	NO	1.3000	1.3000
3	102 PCB-136	39.83	39.82	2.282e4	1.804e4	1.240	1.27	NO	385.19	385.19
4	104 PCB-154	40.24	40.24	6.829e2	3.742e2	1.240	1.24	NO	8.7470	8.7470



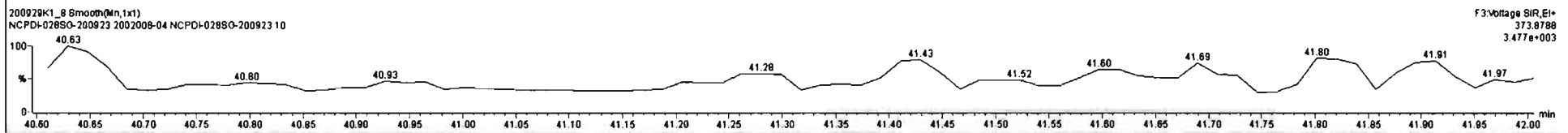
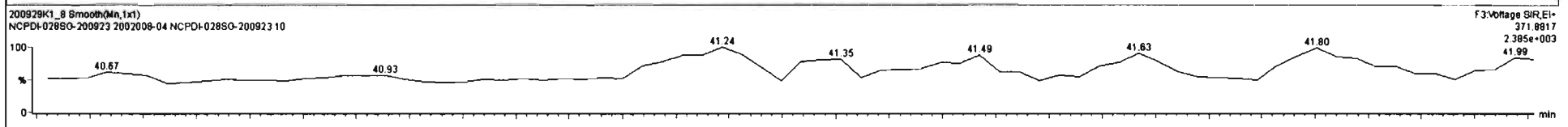
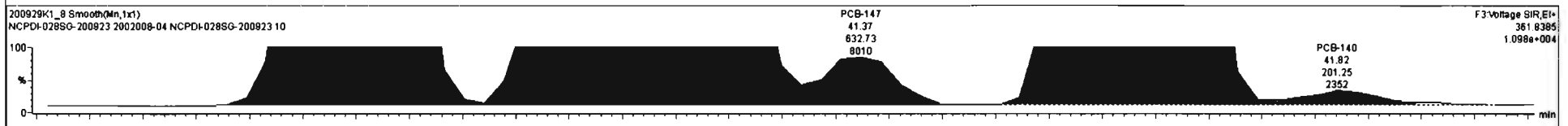
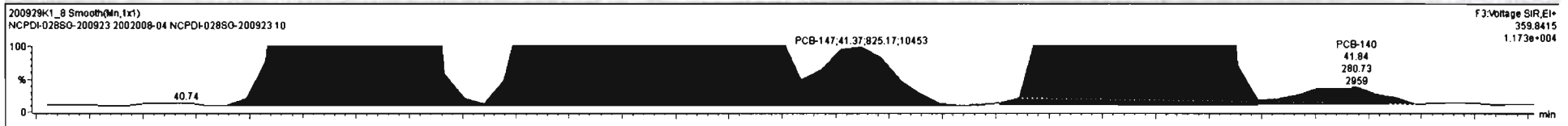
#	Name	Resp	RA	n/y	RRT	wtAvof	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00	0.000			NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000			NO	3398		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00	0.000			NO	135.8		6.99	136.7
231	231 3rd Function Hexa-PCBs				0.9526	1.589	0.00	0.000			NO	3420		8.16	3422
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00	0.000			NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.589	0.00	0.000			NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0006	1.589	0.00	0.000			NO	962.4		8.12	1026
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00	0.000			NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.589	0.00	0.000			NO	131.8		3.59	157.4

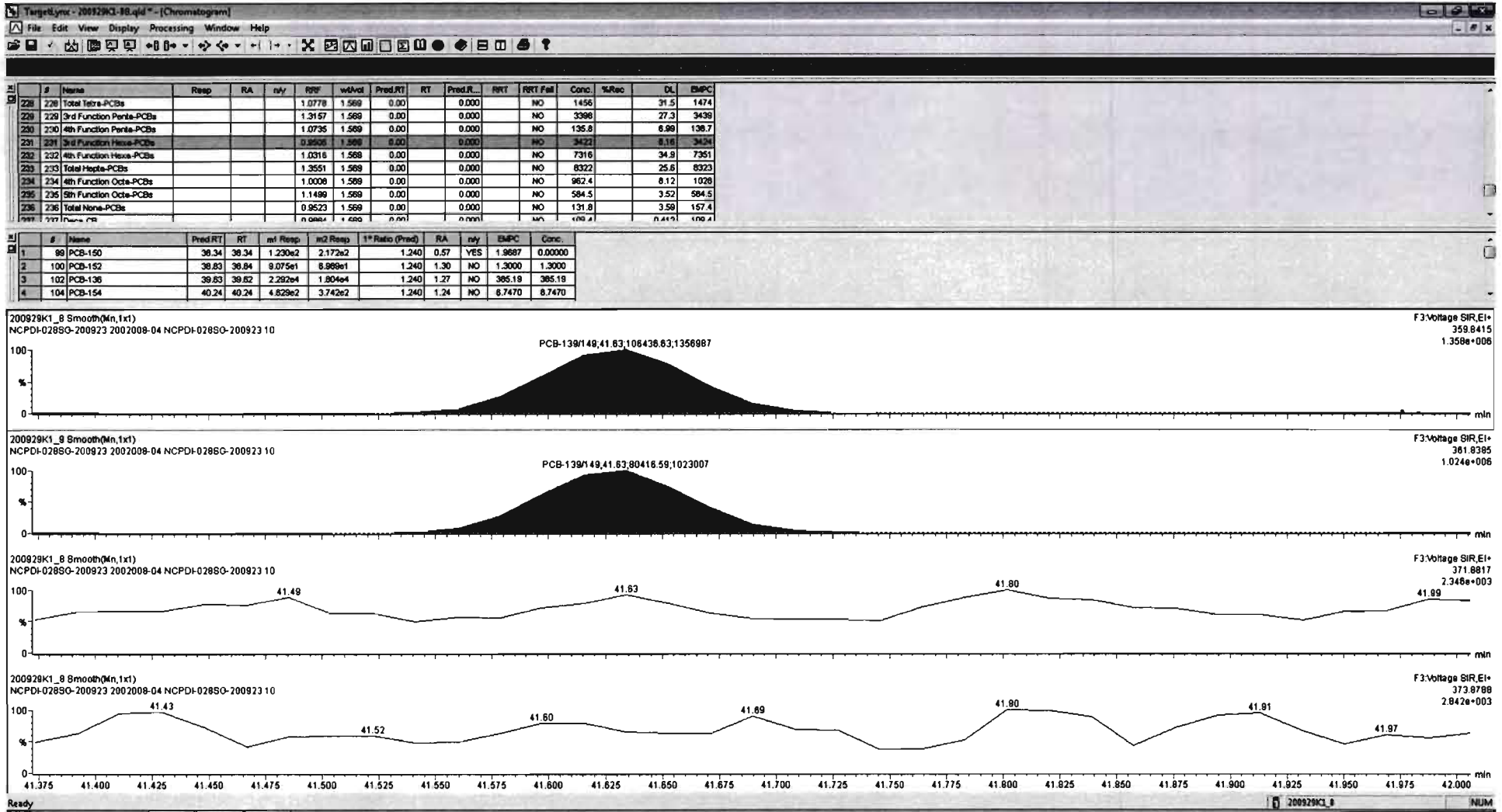
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	99 PCB-150	39.34	39.34	1.230e2	2.172e2	1.240	0.57	YES	1.9687	0.00000
2	100 PCB-152	39.83	39.84	9.075e1	6.989e1	1.240	1.30	NO	1.3000	1.3000
3	102 PCB-136	39.83	39.82	2.282e4	1.804e4	1.240	1.27	NO	365.19	365.19
4	104 PCB-154	40.24	40.24	4.629e2	3.742e2	1.240	1.24	NO	8.7470	8.7470



#	Name	Resp	RA	n/y	RRF	wAve	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00		0.000		NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00		0.000		NO	3398		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00		0.000		NO	135.8		8.99	138.7
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00		0.000		NO	3422		8.16	3424
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00		0.000		NO	7316		34.9	7351
233	233 Total Hepta-PCBs				1.3551	1.589	0.00		0.000		NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00		0.000		NO	962.4		8.12	1028
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00		0.000		NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.589	0.00		0.000		NO	131.8		3.59	157.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	98 PCB-150	38.34	38.34	1.230e2	2.172e2	1.240	0.57	YES	1.9887	0.00000
2	100 PCB-152	38.83	38.84	9.075e1	6.989e1	1.240	1.30	NO	1.3000	1.3000
3	102 PCB-136	39.83	39.82	2.282e4	1.804e4	1.240	1.27	NO	385.19	385.19
4	104 PCB-154	40.24	40.24	4.629e2	3.742e2	1.240	1.24	NO	8.7470	8.7470





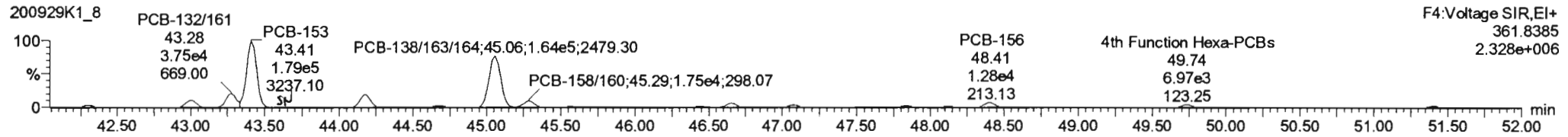
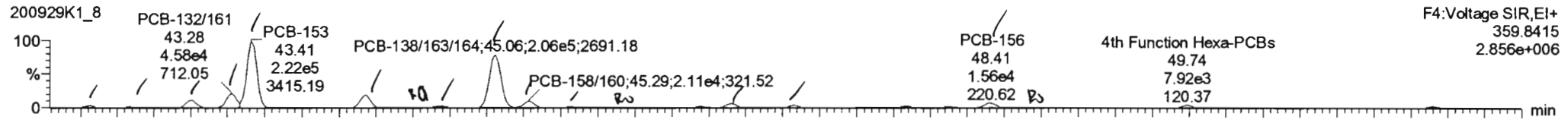
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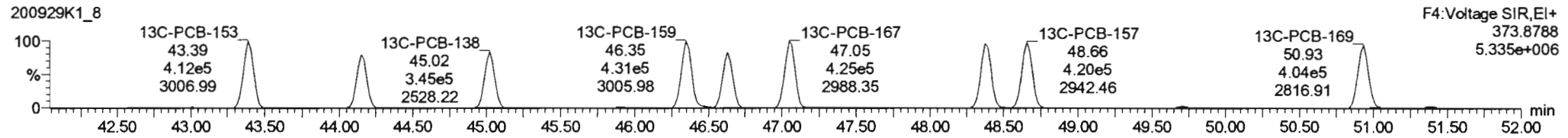
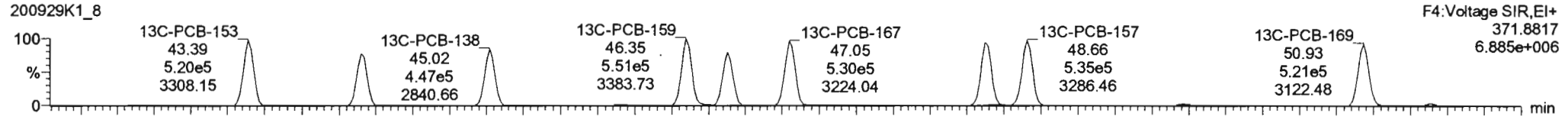
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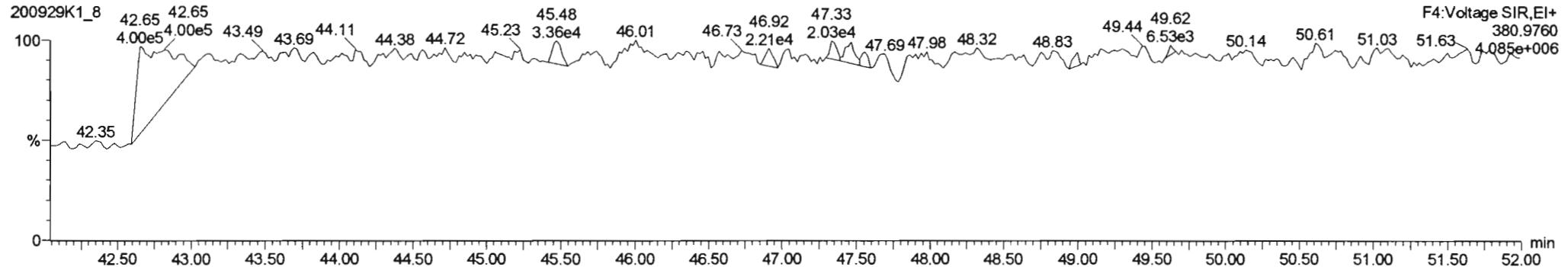
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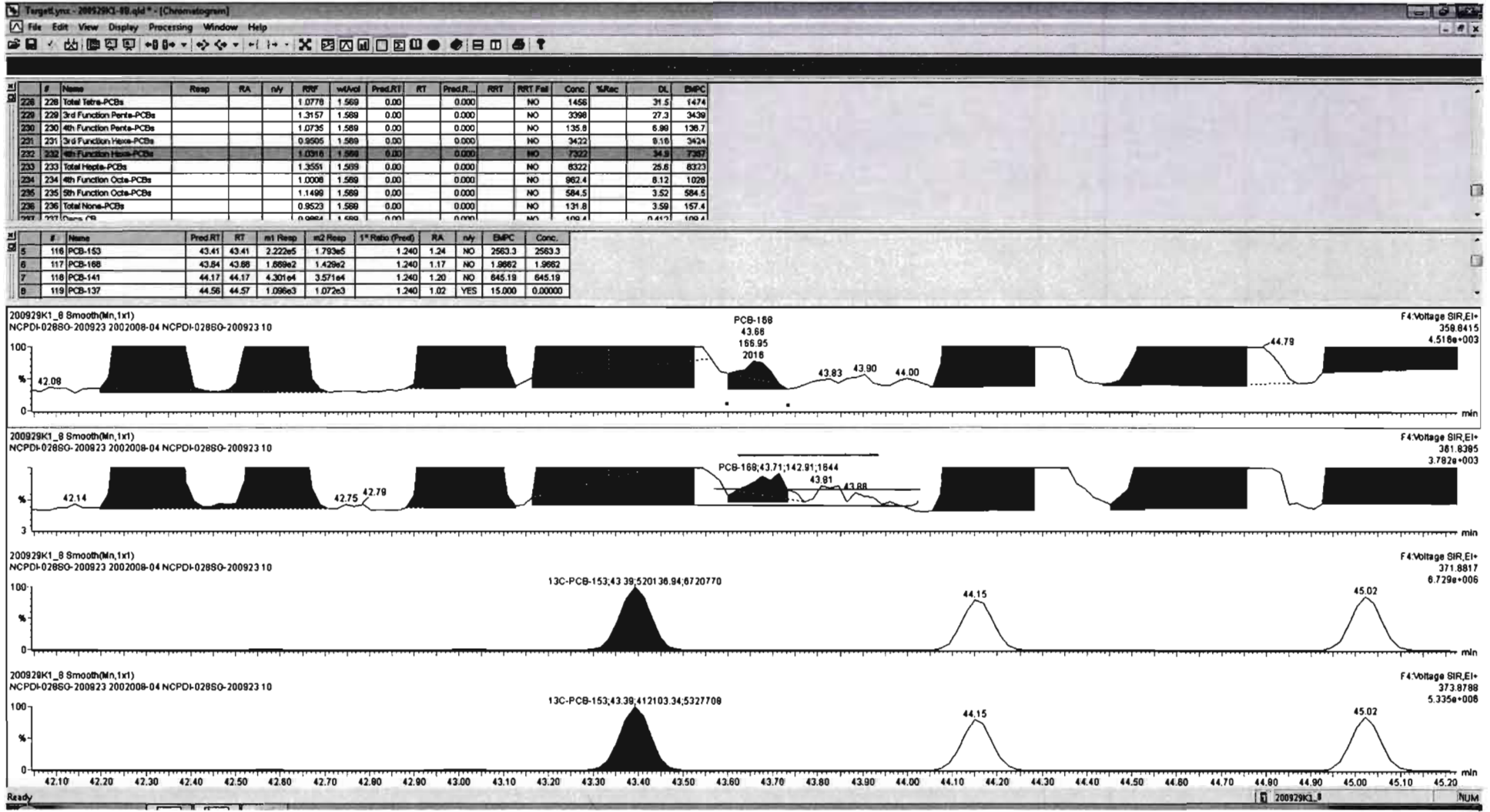


13C-PCB-153



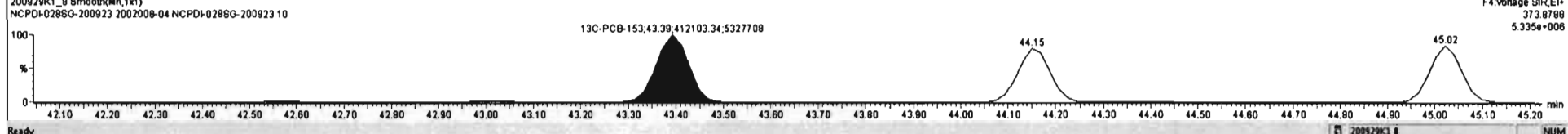
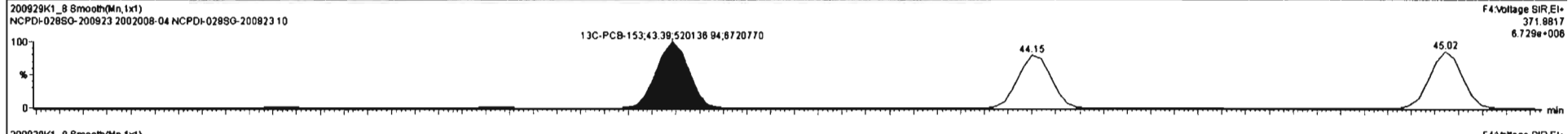
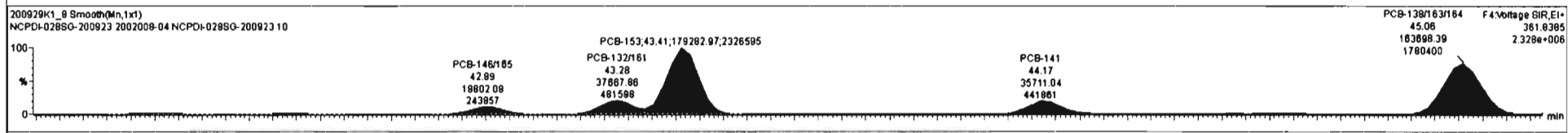
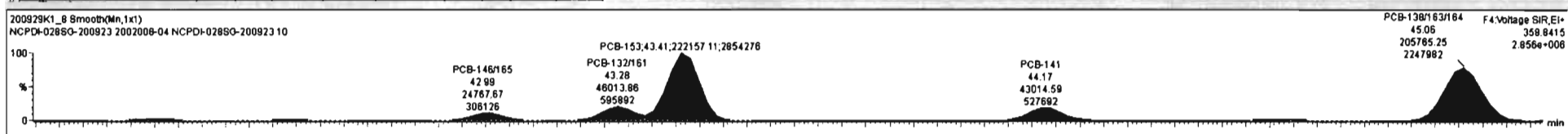
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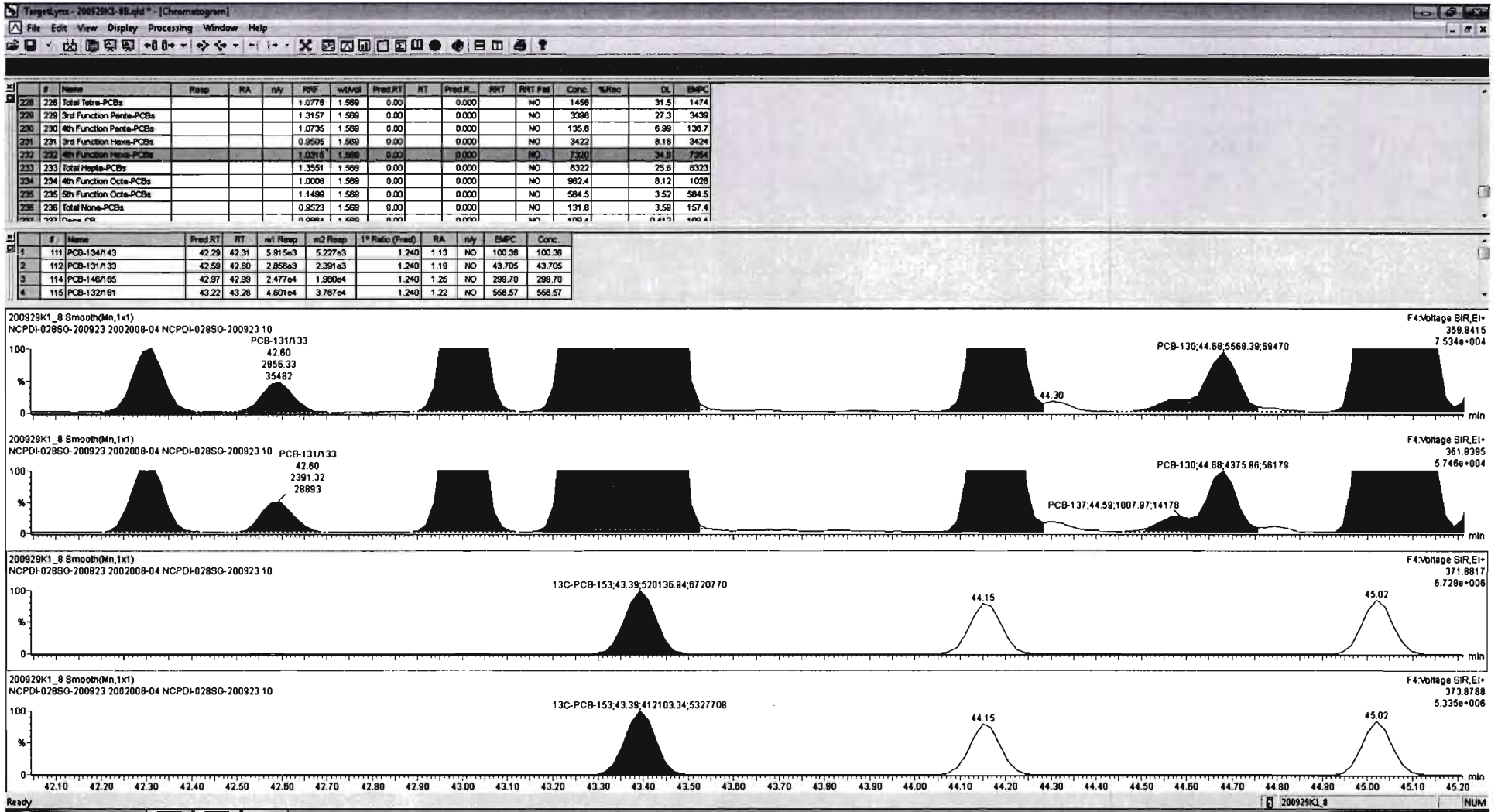




#	Name	Resp	RA	n/y	RRF	wAval	Pred.RT	RT	Pred.R...	RRF	RRF Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00	0.000			NO	1456	31.5	1474	
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000			NO	3398	27.3	3439	
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00	0.000			NO	135.8	6.99	136.7	
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00	0.000			NO	3422	8.16	3424	
232	232 4th Function Hexa-PCBs				1.0318	1.588	0.00	0.000			NO	7300	34.8	7385	
233	233 Total Hepta-PCBs				1.3551	1.589	0.00	0.000			NO	8322	25.8	8323	
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00	0.000			NO	962.4	6.12	1028	
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00	0.000			NO	584.5	3.52	584.5	
236	236 Total Nona-PCBs				0.9523	1.589	0.00	0.000			NO	131.8	3.59	157.4	

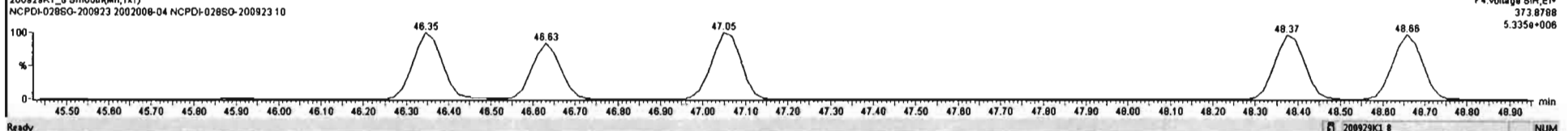
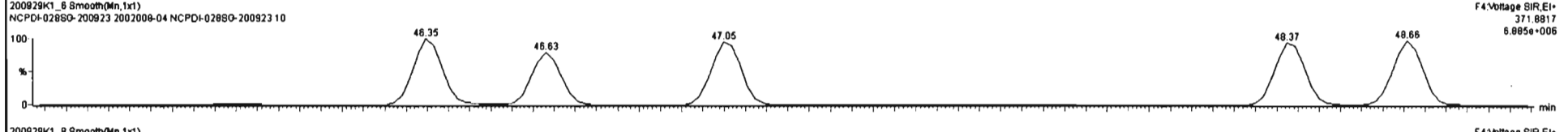
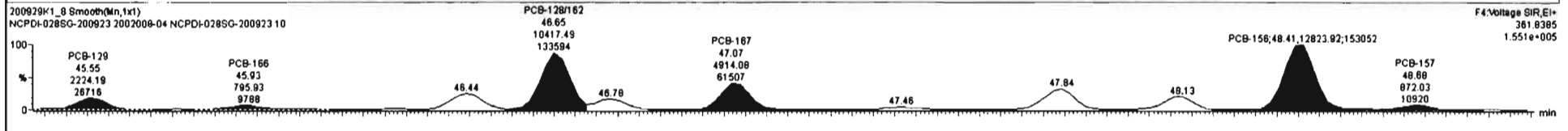
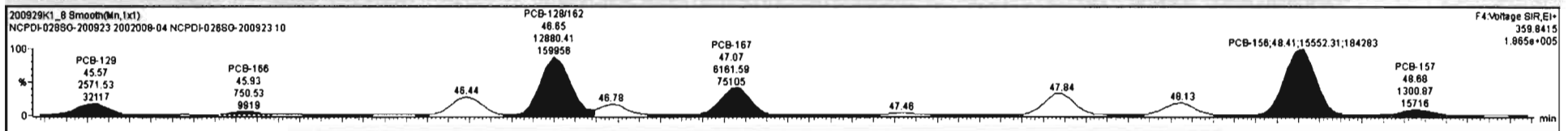
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.28	42.31	5.915e3	5.227e3	1.240	1.13	NO	100.36	100.36
2	112 PCB-131/133	42.58	42.60	2.858e3	2.391e3	1.240	1.19	NO	43.705	43.705
3	114 PCB-146/165	42.87	42.88	2.477e4	1.980e4	1.240	1.25	NO	299.70	299.70
4	115 PCB-132/161	43.22	43.28	4.801e4	3.767e4	1.240	1.22	NO	558.57	558.57





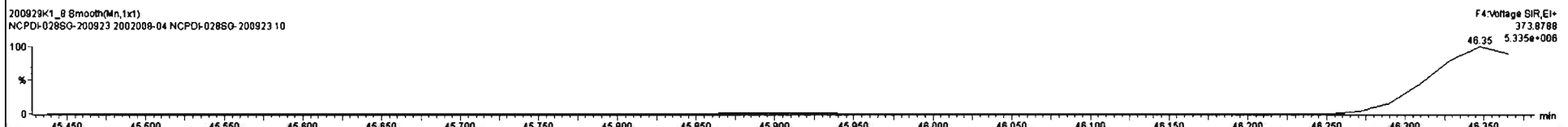
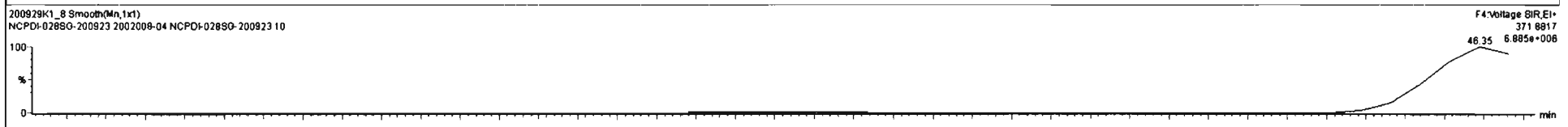
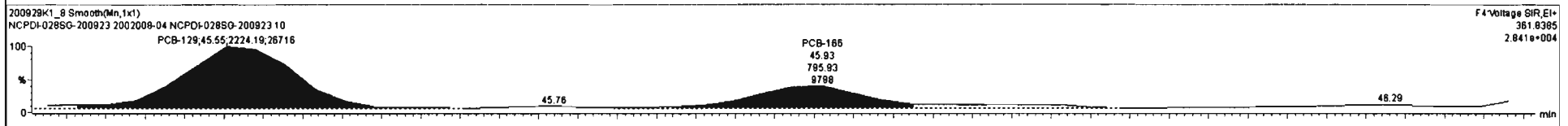
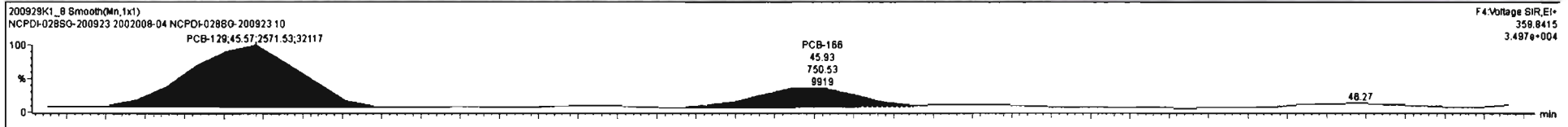
#	Name	Resp	RA	rvy	RF	wtVcl	Prod.RT	RT	Prod.R	RRT	RRT Fcl	Conc.	%Rec	OK	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00	0.000	0.000	NO	1456	31.5	1474		
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000	0.000	NO	3988	27.3	3438		
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00	0.000	0.000	NO	135.8	6.90	138.7		
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00	0.000	0.000	NO	3422	8.18	3424		
232	232 4th Function Hexa-PCBs				1.0318	1.589	0.00	0.000	0.000	NO	7200	34.9	7354		
233	233 Total Hepta-PCBs				1.3551	1.589	0.00	0.000	0.000	NO	8322	25.8	8323		
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00	0.000	0.000	NO	982.4	8.12	1026		
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00	0.000	0.000	NO	584.5	3.52	584.5		
236	236 Total Nona-PCBs				0.9523	1.589	0.00	0.000	0.000	NO	131.8	3.59	157.4		
237	237 Total PCBs				0.9884	1.589	0.00	0.000	0.000	NO	170.4	0.412	170.4		

#	Name	Prod.RT	RT	int Resp	m2 Resp	1* Ratio (Prod)	RA	rvy	EMPC	Conc.
1	111 PCB-134/143	42.29	42.31	5.915e3	5.227e3	1.240	1.13	NO	100.36	100.36
2	112 PCB-131/133	42.59	42.60	2.858e3	2.391e3	1.240	1.19	NO	43.705	43.705
3	114 PCB-146/165	42.87	42.88	2.477e4	1.860e4	1.240	1.25	NO	289.70	289.70
4	115 PCB-132/161	43.22	43.26	4.801e4	3.767e4	1.240	1.22	NO	558.57	558.57



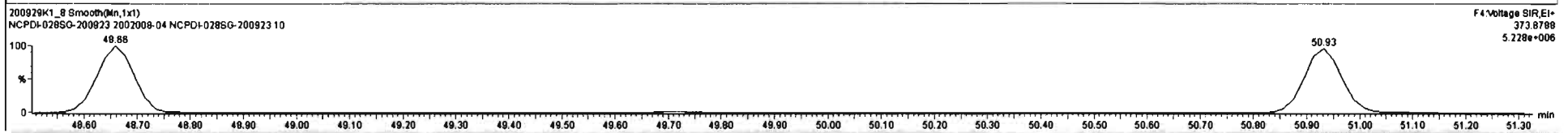
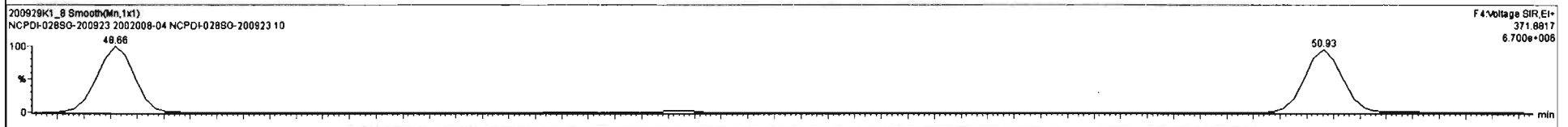
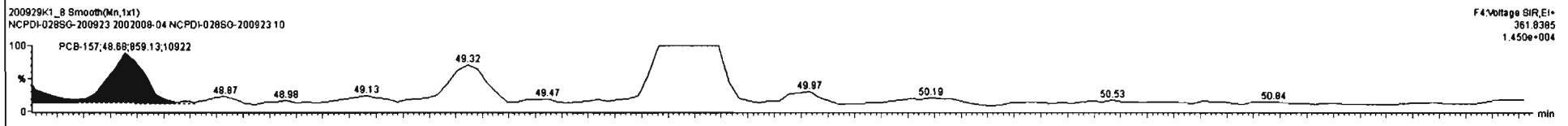
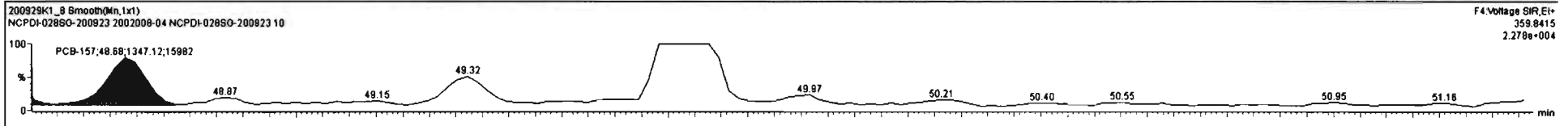
#	Name	Resp	RA	n/y	R/R	wt/ct	Pred. RT	RT	Pred. R...	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00	0.000		NO	1456	31.5	1474		
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000		NO	3398	27.3	3439		
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00	0.000		NO	135.8	6.99	138.7		
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00	0.000		NO	3422	8.16	3424		
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00	0.000		NO	7320	34.9	7385		
233	233 Total Hepta-PCBs				1.3551	1.589	0.00	0.000		NO	8322	25.6	8323		
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00	0.000		NO	862.4	8.12	1026		
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00	0.000		NO	584.5	3.52	584.5		
236	236 Total Nona-PCBs				0.9523	1.589	0.00	0.000		NO	131.8	3.59	157.4		

#	Name	Pred. RT	RT	ref. Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.28	42.31	5.91563	5.22763	1.240	1.13	NO	100.36	100.36
2	112 PCB-131/133	42.58	42.60	2.85863	2.39163	1.240	1.19	NO	43.705	43.705
3	114 PCB-146/165	42.97	42.98	2.47764	1.98064	1.240	1.25	NO	289.70	289.70
4	115 PCB-132/161	43.22	43.26	4.60164	3.76764	1.240	1.22	NO	558.57	558.57



#	Name	Resp	RA	nly	RRT	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00	0.000			NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00	0.000			NO	3368		27.3	3438
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00	0.000			NO	135.8		8.99	138.7
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00	0.000			NO	3422		8.16	3424
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00	0.000			NO	7320		34.9	7385
233	233 Total Hepta-PCBs				1.3551	1.589	0.00	0.000			NO	8322		25.6	8323
234	234 4th Function Octa-PCBs				1.0006	1.589	0.00	0.000			NO	862.4		8.12	1026
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00	0.000			NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.589	0.00	0.000			NO	131.8		3.59	157.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	nly	EMPC	Conc.
1	111 PCB-134A43	42.28	42.31	6.915e3	5.227e3	1.240	1.13	NO	100.38	100.38
2	112 PCB-131A33	42.58	42.80	2.858e3	2.391e3	1.240	1.19	NO	43.705	43.705
3	114 PCB-148A65	42.97	42.98	2.477e4	1.980e4	1.240	1.25	NO	289.70	289.70
4	115 PCB-132A61	43.22	43.28	4.601e4	3.767e4	1.240	1.22	NO	558.57	558.57



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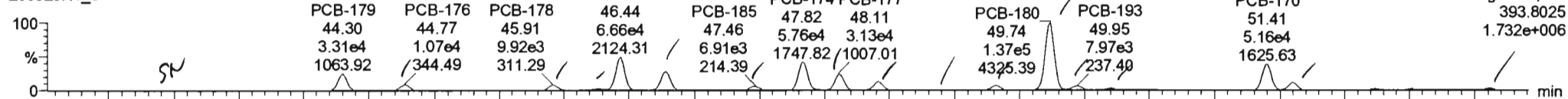
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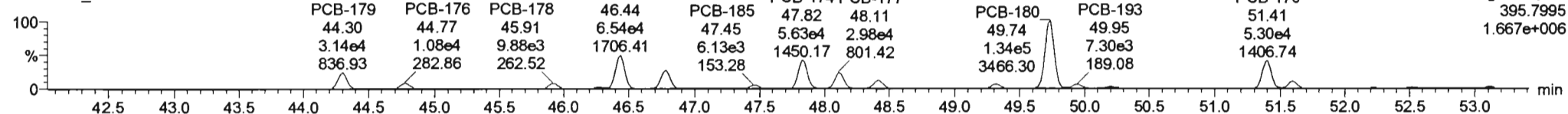
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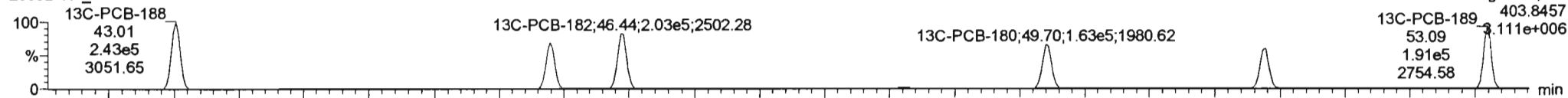


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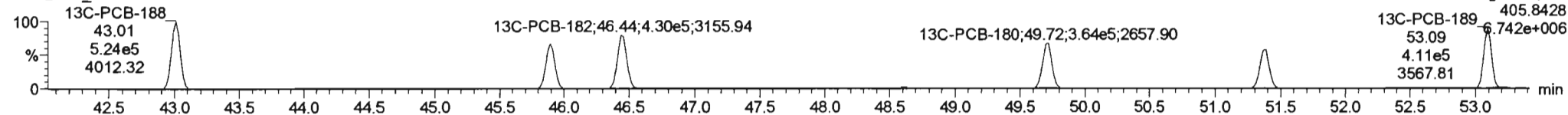


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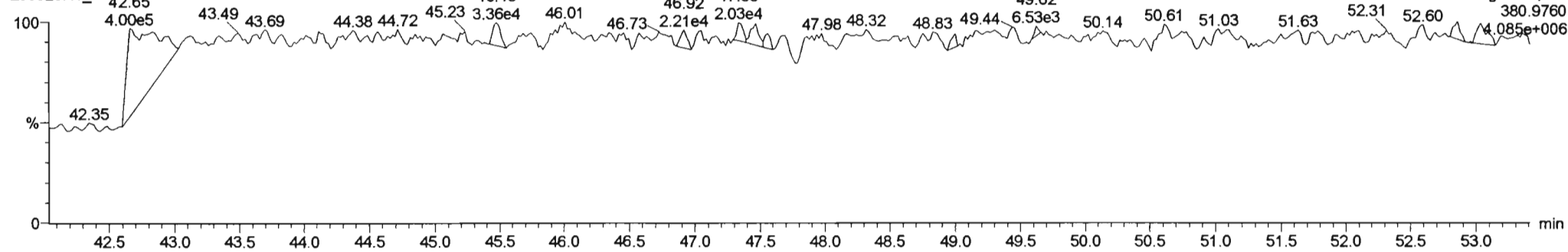


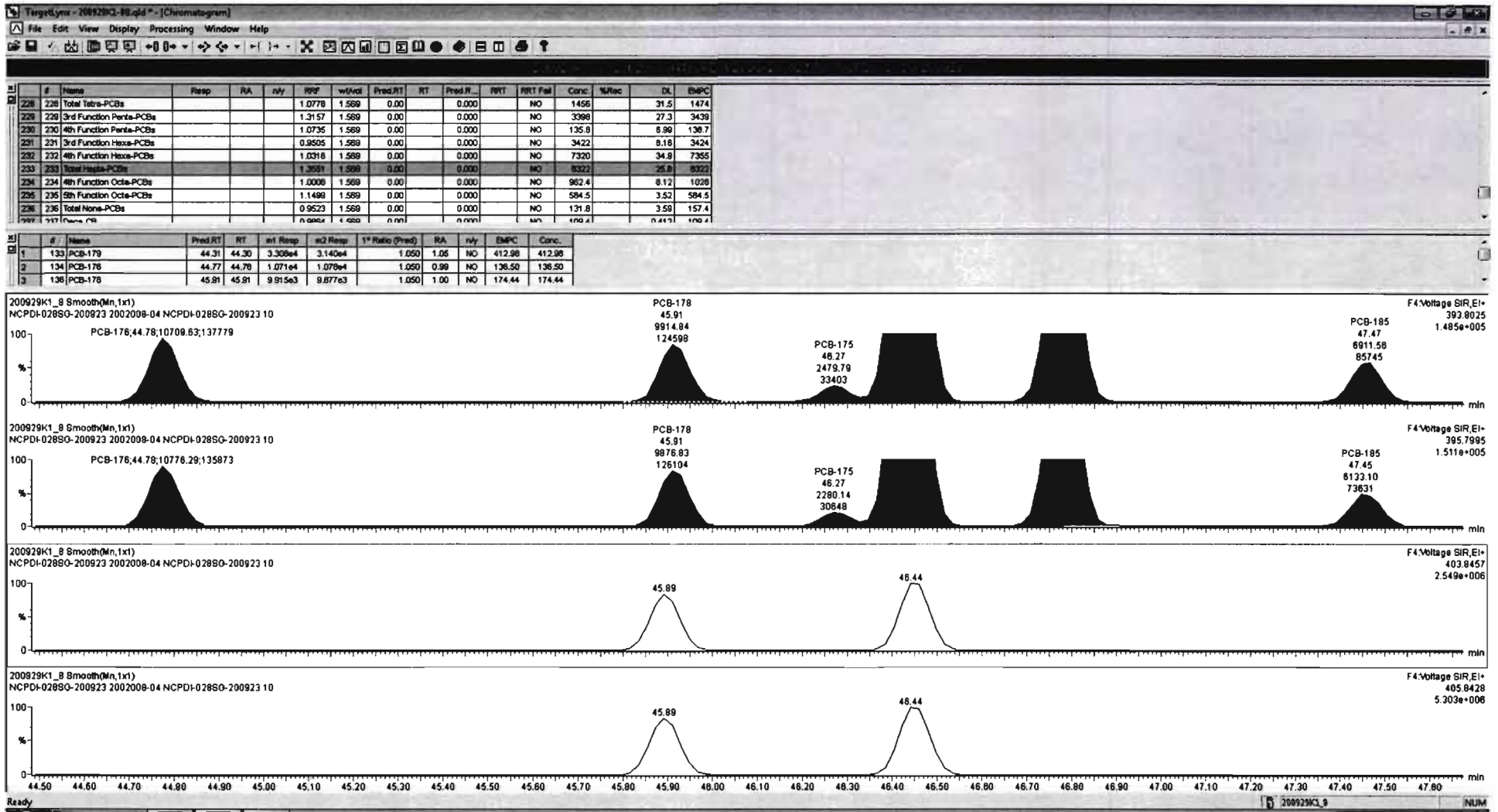
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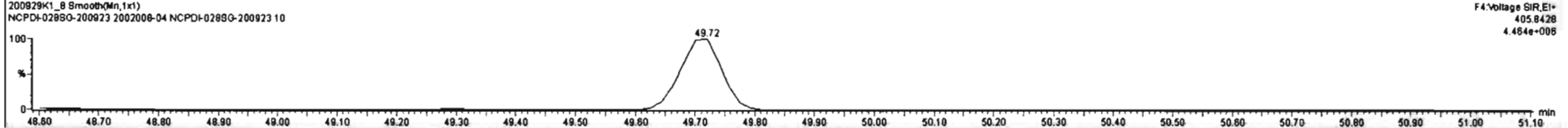
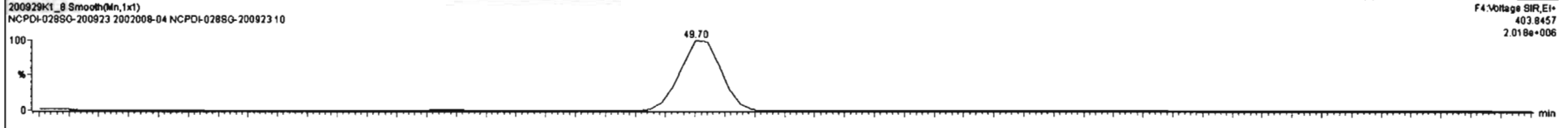
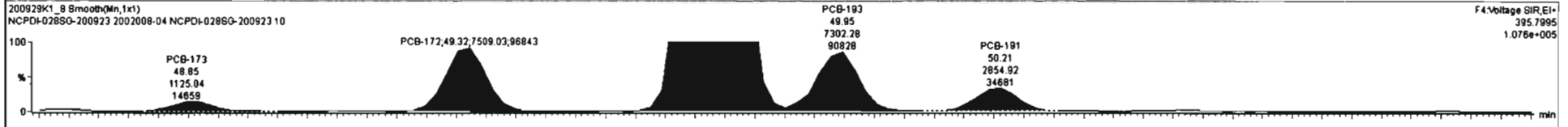
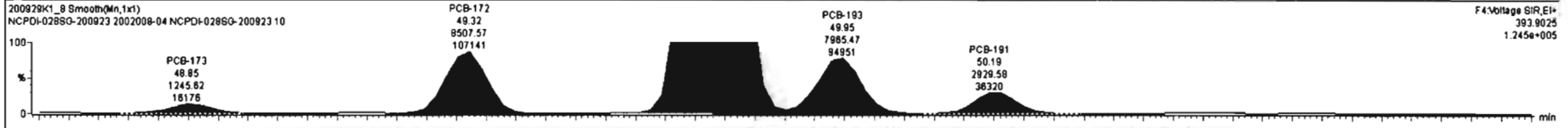
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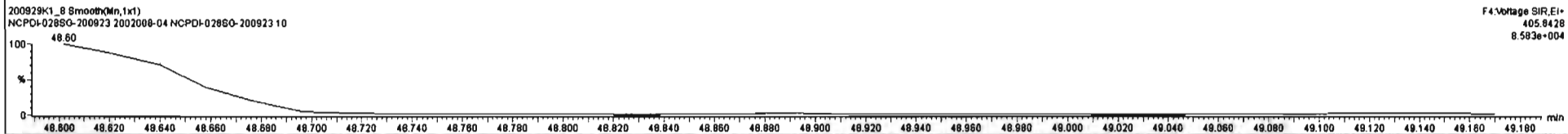
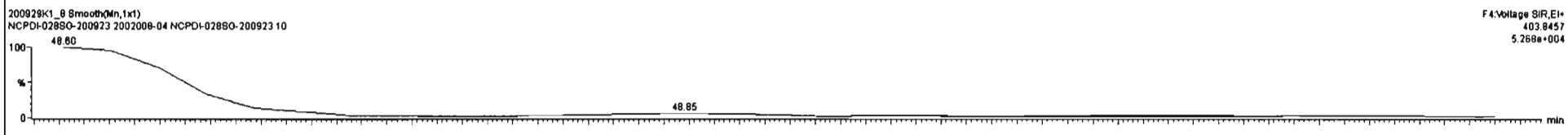
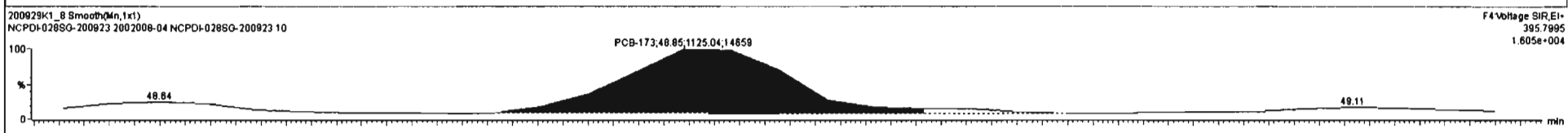
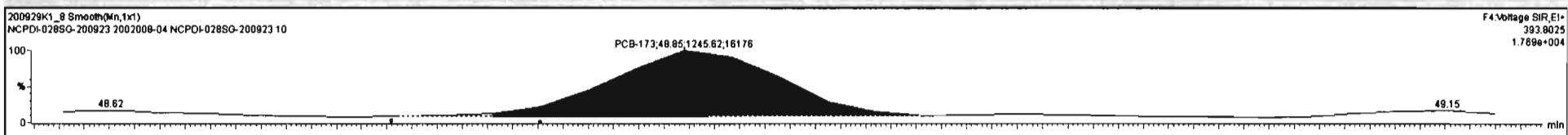
#	Name	Resp	RA	nly	RF	wAdj	Pred.RT	RT	Pred.R.	PRT	PRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00		0.000		NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00		0.000		NO	3398		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00		0.000		NO	135.8		8.80	138.7
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00		0.000		NO	3422		8.16	3424
232	232 4th Function Hexa-PCBs				1.0316	1.589	0.00		0.000		NO	7320		34.8	7355
233	233 Total Penta-PCBs				1.3551	1.589	0.00		0.000		NO	8322		25.8	8322
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00		0.000		NO	962.4		8.12	1026
235	235 5th Function Octa-PCBs				1.1489	1.589	0.00		0.000		NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.589	0.00		0.000		NO	131.8		3.59	157.4
237	237 Total PCBs				0.9864	1.589	0.00		0.000		NO	100.4		0.417	100.4

#	Name	Pred.RT	RT	Int Resp	Ext Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	133 PCB-178	44.31	44.30	3.308e4	3.140e4	1.050	1.05	NO	412.88	412.88
2	134 PCB-178	44.77	44.76	1.071e4	1.078e4	1.050	0.99	NO	136.50	136.50
3	136 PCB-178	45.91	45.91	9.915e3	9.877e3	1.050	1.00	NO	174.44	174.44



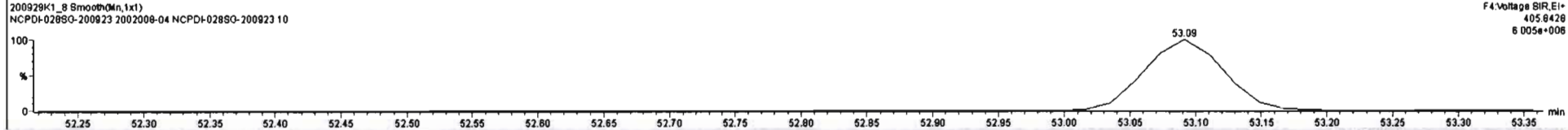
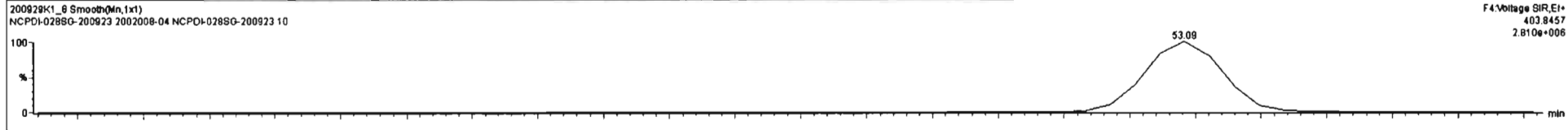
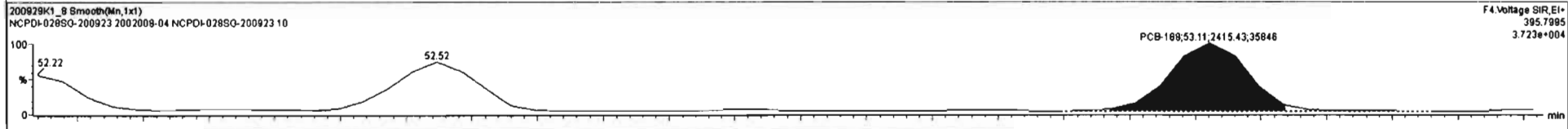
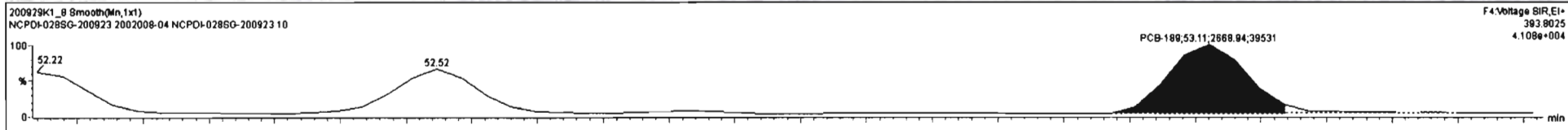
#	Name	Resp	RA	n/y	RFV	wAval	Pred.RT	RT	Pred.R...	RFT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.589	0.00		0.000		NO	1456	31.5	1474	
229	229 3rd Function Penta-PCBs				1.3157	1.589	0.00		0.000		NO	3398	27.3	3439	
230	230 4th Function Penta-PCBs				1.0735	1.589	0.00		0.000		NO	135.8	6.96	136.7	
231	231 3rd Function Hexa-PCBs				0.9505	1.589	0.00		0.000		NO	3422	8.16	3424	
232	232 4th Function Hexa-PCBs				1.0318	1.589	0.00		0.000		NO	7320	34.9	7365	
233	233 Total Hepta-PCBs				1.3551	1.589	0.00		0.000		NO	8323	25.8	8323	
234	234 4th Function Octa-PCBs				1.0008	1.589	0.00		0.000		NO	862.4	8.12	1026	
235	235 5th Function Octa-PCBs				1.1499	1.589	0.00		0.000		NO	584.5	3.52	584.5	
236	236 Total Nona-PCBs				0.9523	1.589	0.00		0.000		NO	131.8	3.59	157.4	

#	Name	Pred.RT	RT	w1 Resp	w2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	3.309e4	3.140e4	1.050	1.05	NO	412.98	412.98
2	134 PCB-176	44.77	44.78	1.071e4	1.078e4	1.050	0.99	NO	136.50	136.50
3	136 PCB-178	45.91	45.91	9.915e3	9.877e3	1.050	1.00	NO	174.44	174.44



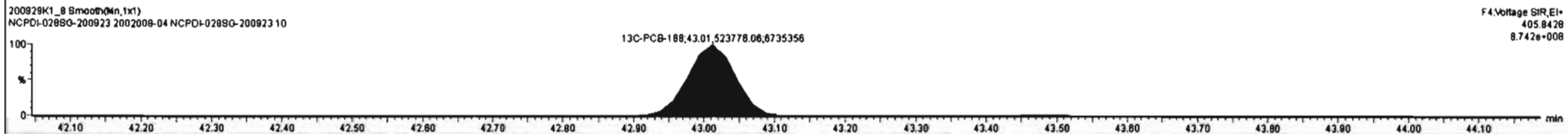
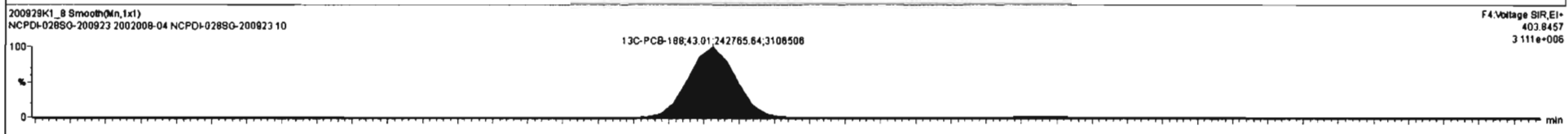
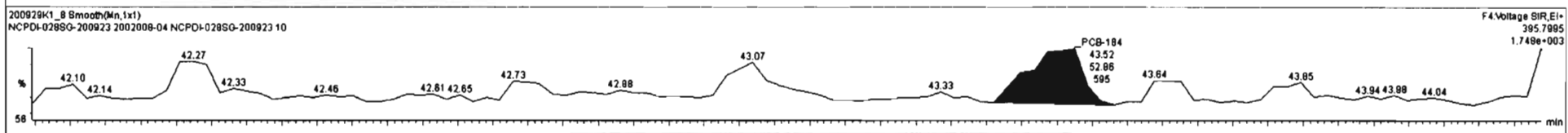
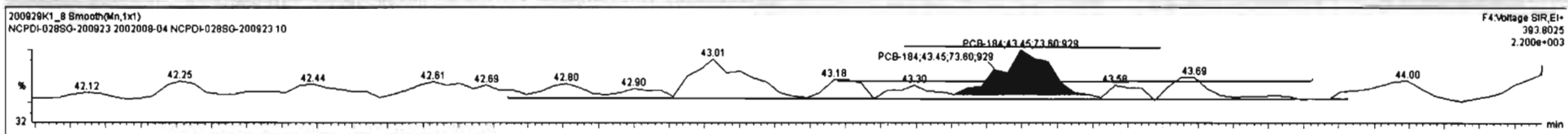
#	Name	Resp	RA	n/y	R/R	wt/Awt	Pred RT	RT	Pred R...	R/R	R/R1 Fail	Conc	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	1.569	0.00		0.000		NO	1456		31.5	1474
229	229 3rd Function Penta-PCBs				1.3157	1.569	0.00		0.000		NO	3398		27.3	3439
230	230 4th Function Penta-PCBs				1.0735	1.569	0.00		0.000		NO	135.8		8.89	138.7
231	231 3rd Function Hexa-PCBs				0.9505	1.569	0.00		0.000		NO	3422		8.16	3424
232	232 4th Function Hexa-PCBs				1.0316	1.569	0.00		0.000		NO	7320		34.9	7354
233	233 Total Hepta-PCBs				1.3551	1.569	0.00		0.000		NO	5321		25.8	5321
234	234 4th Function Octa-PCBs				1.0008	1.569	0.00		0.000		NO	962.4		8.12	1028
235	235 5th Function Octa-PCBs				1.1499	1.569	0.00		0.000		NO	584.5		3.52	584.5
236	236 Total Nona-PCBs				0.9523	1.569	0.00		0.000		NO	131.8		3.59	157.4
237	237 Deca-PCBs				0.9864	1.569	0.00		0.000		NO	109.4		0.413	109.4

#	Name	Pred RT	RT	int Resp	int Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	3.306e4	3.140e4	1.050	1.05	NO	412.98	412.98
2	134 PCB-176	44.77	44.76	1.071e4	1.078e4	1.050	0.98	NO	136.50	136.50
3	136 PCB-178	45.31	45.31	9.815e3	9.877e3	1.050	1.00	NO	174.44	174.44



#	Name	Resp	RA	nly	RRF	wt/Vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	1.569	0.00	0.000			NO	1456		31.5	1474
229	3rd Function Penta-PCBs				1.3157	1.569	0.00	0.000			NO	3398		27.3	3439
230	4th Function Penta-PCBs				1.0735	1.569	0.00	0.000			NO	135.8		8.99	138.7
231	3rd Function Hexa-PCBs				0.9505	1.569	0.00	0.000			NO	3422		8.18	3424
232	4th Function Hexa-PCBs				1.0316	1.569	0.00	0.000			NO	7320		34.8	7355
233	Total Hepta-PCBs				1.3591	1.569	0.00	0.000			NO	8372		25.8	8323
234	4th Function Octa-PCBs				1.0006	1.569	0.00	0.000			NO	862.4		8.12	1026
235	5th Function Octa-PCBs				1.1499	1.569	0.00	0.000			NO	584.5		3.52	584.5
236	Total Nona-PCBs				0.9523	1.569	0.00	0.000			NO	131.8		3.59	157.4

#	Name	Pred RT	RT	wt Resp	wt Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	132 PCB-184	43.48	43.45	7.360e1	5.286e1	1.050	1.36	YES	0.73138	0.00000
2	133 PCB-179	44.31	44.30	3.308e4	3.140e4	1.050	1.05	NO	412.96	412.96
3	134 PCB-176	44.77	44.78	1.071e4	1.078e4	1.050	0.98	NO	136.50	136.50

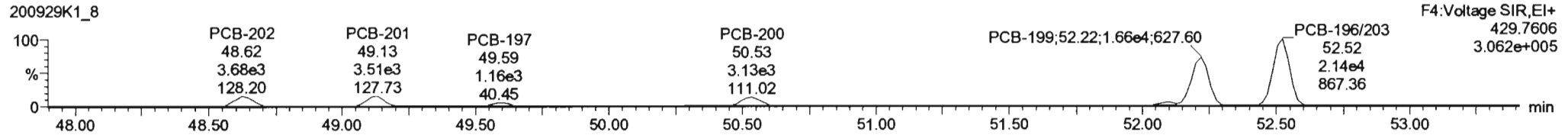
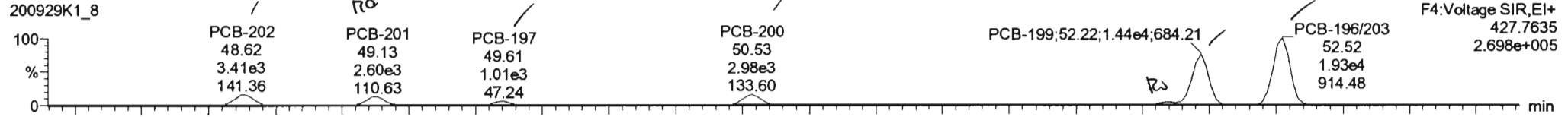


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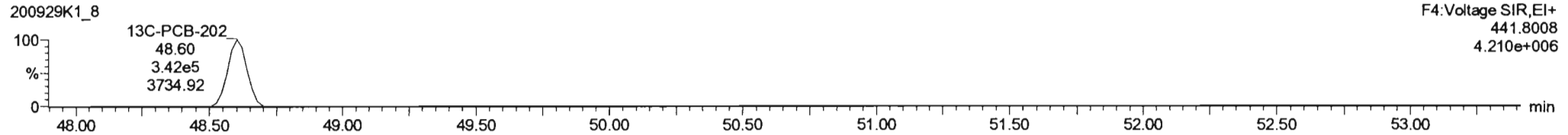
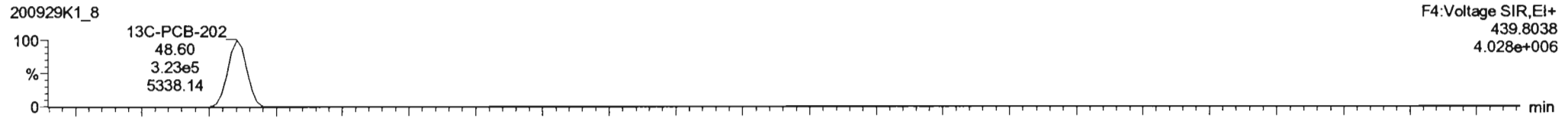
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 Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

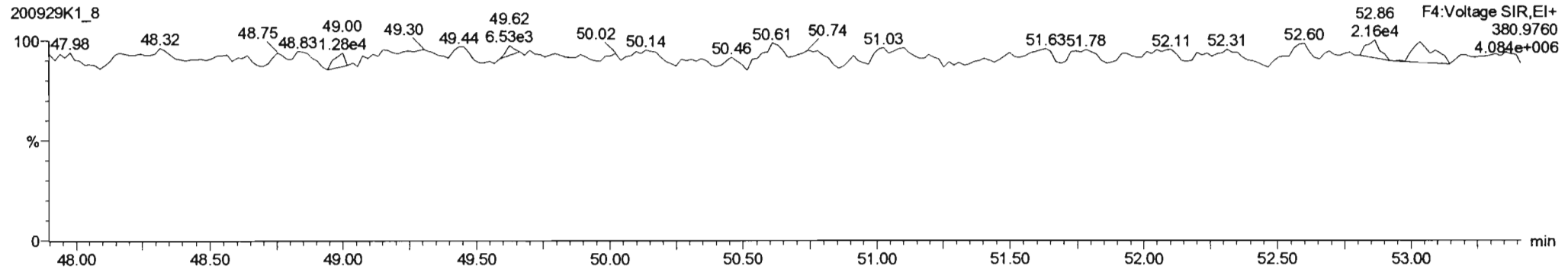
PCB-202

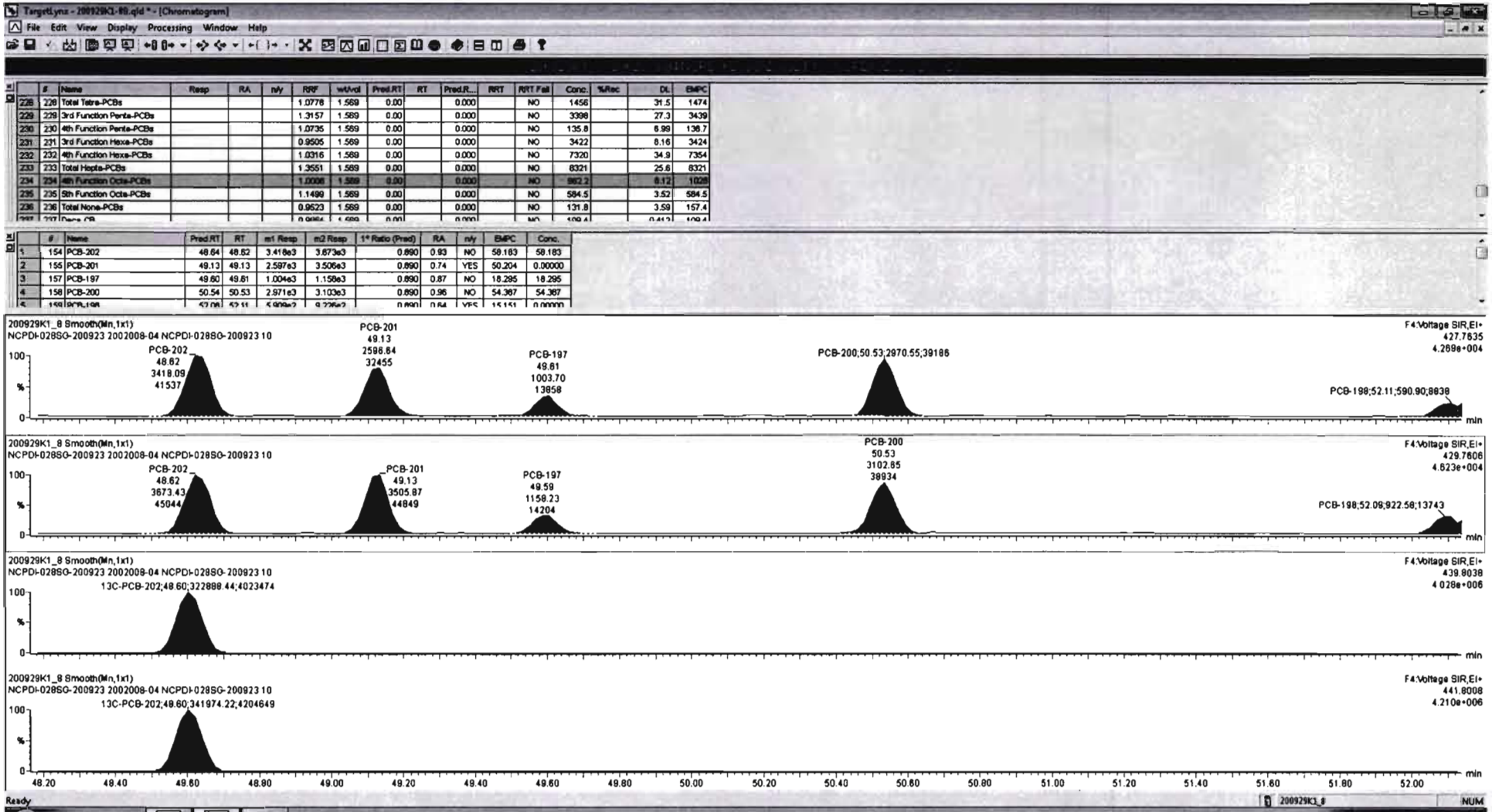


13C-PCB-202



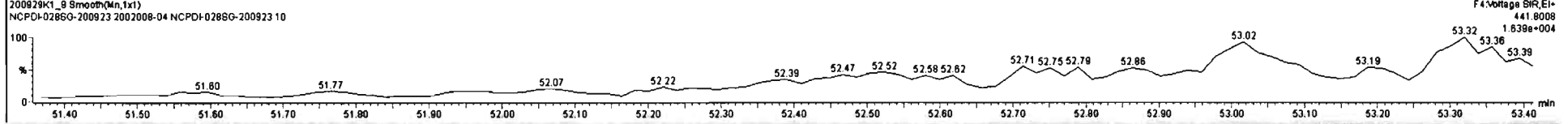
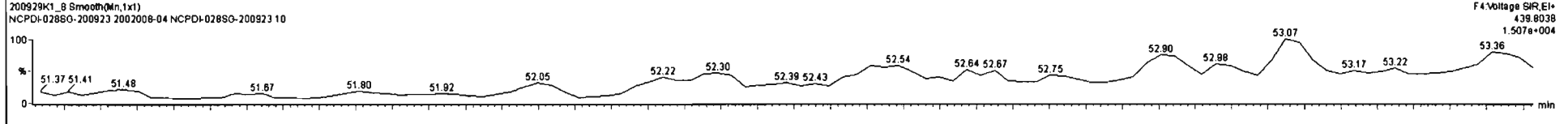
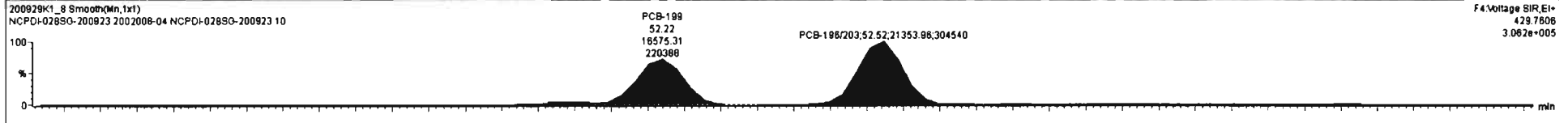
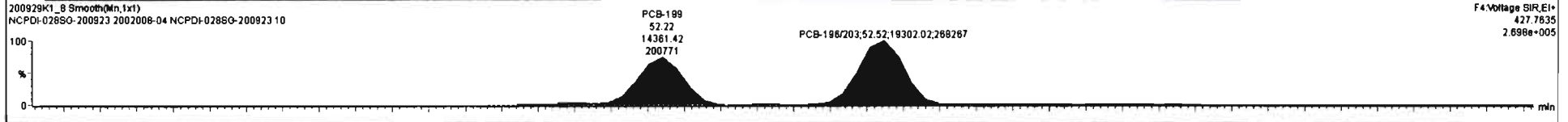
PFK4d





#	Name	Resp	RA	n/y	RRF	wtAvd	Pred.RT	RT	Pred.R.	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0776	1.589	0.00		0.000		NO	1456		31.5	1474
229	3rd Function Penta-PCBs				1.3157	1.589	0.00		0.000		NO	3398		27.3	3439
230	4th Function Penta-PCBs				1.0735	1.589	0.00		0.000		NO	135.8		6.98	138.7
231	3rd Function Hexa-PCBs				0.9505	1.589	0.00		0.000		NO	3422		8.16	3424
232	4th Function Hexa-PCBs				1.0318	1.589	0.00		0.000		NO	7320		34.9	7354
233	Total Hepta-PCBs				1.3551	1.589	0.00		0.000		NO	8321		25.6	8321
234	4th Function Octa-PCBs				1.0008	1.589	0.00		0.000		NO	582.2		8.12	1026
235	5th Function Octa-PCBs				1.1499	1.589	0.00		0.000		NO	584.5		3.52	584.5
236	Total Nona-PCBs				0.9523	1.589	0.00		0.000		NO	131.8		3.59	157.4
237	Deca-PCBs				0.9824	1.589	0.00		0.000		NO	100.4		0.412	100.4

#	Name	Pred.RT	RT	int Resp	int Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
2	155 PCB-201	49.13	49.13	2.597e3	3.506e3	0.890	0.74	YES	50.204	0.00000
3	157 PCB-197	49.80	49.81	1.004e3	1.158e3	0.890	0.87	NO	18.295	18.295
4	158 PCB-200	50.54	50.53	2.971e3	3.103e3	0.890	0.96	NO	54.387	54.387
5	159 PCB-198	52.08	52.11	5.309e2	9.226e2	0.890	0.64	YES	15.151	0.00000
6	160 PCB-199	52.22	52.22	1.436e4	1.699e4	0.890	0.87	NO	14361.42	14361.42



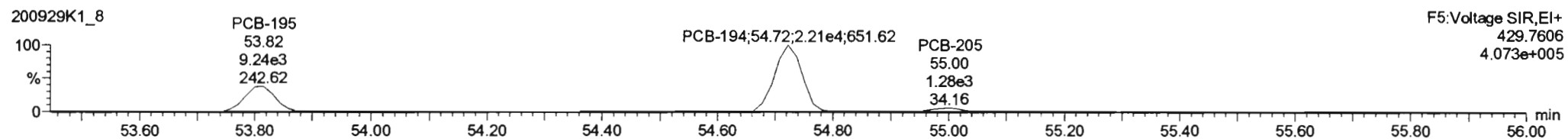
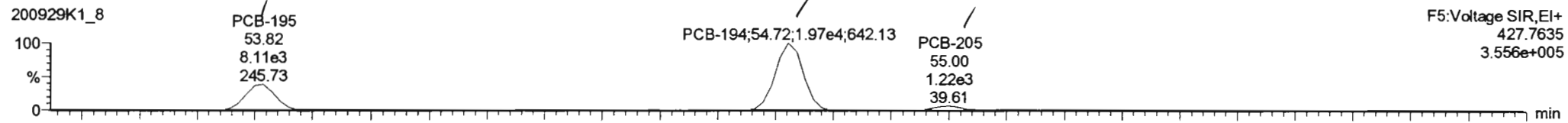
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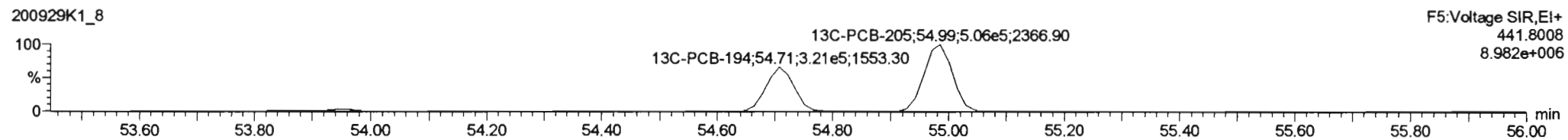
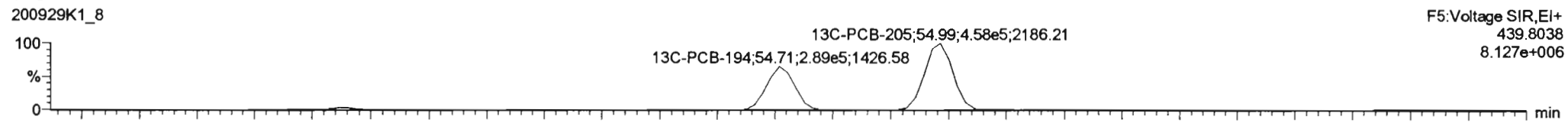
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923

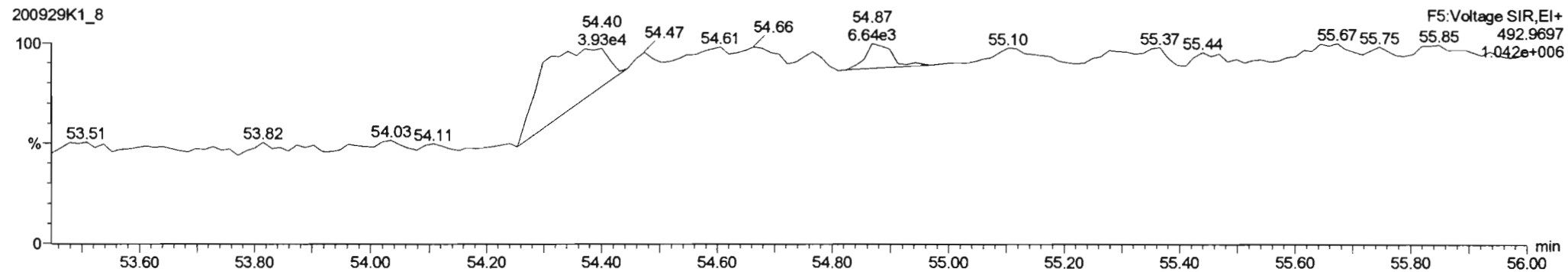
PCB-195

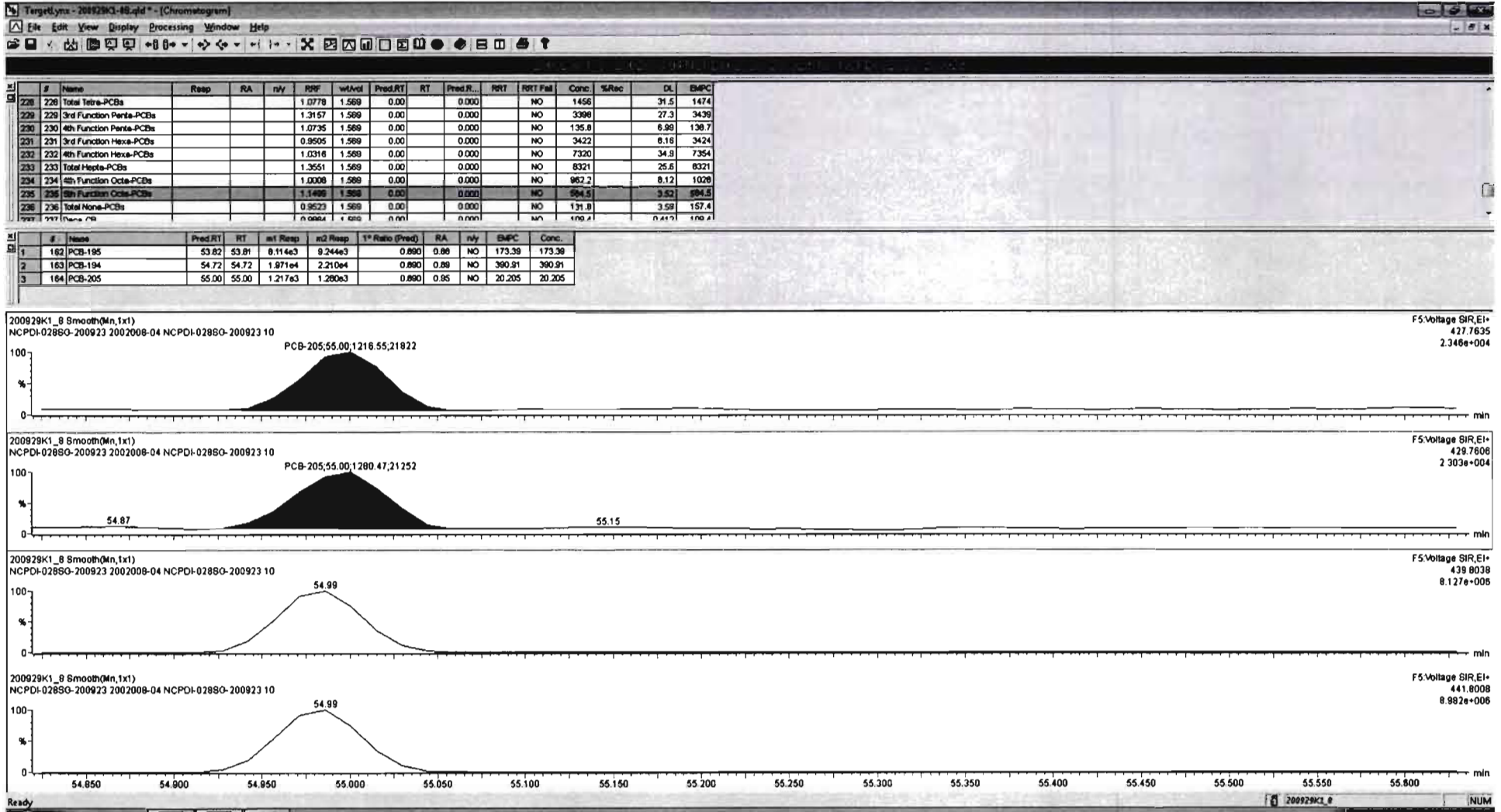


13C-PCB-194



PFK5a

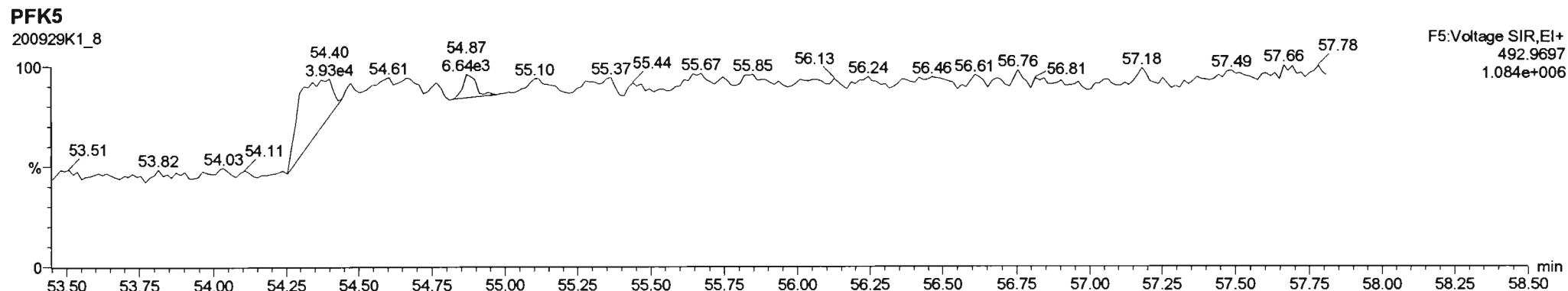
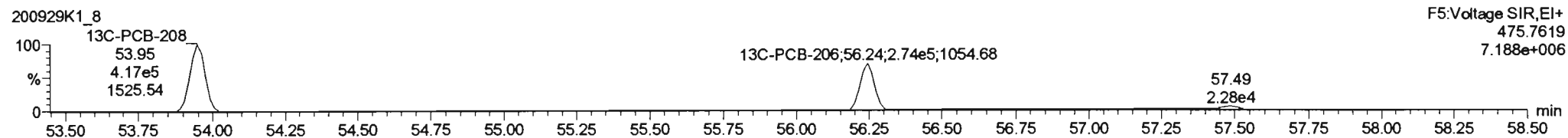
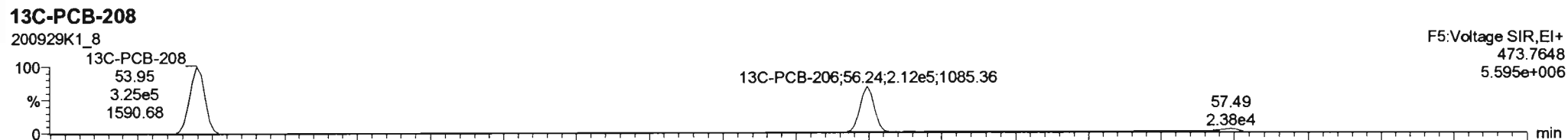
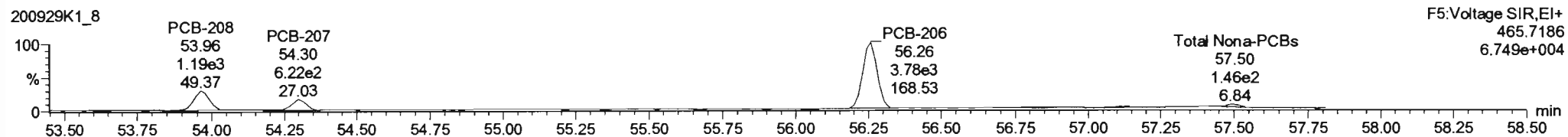
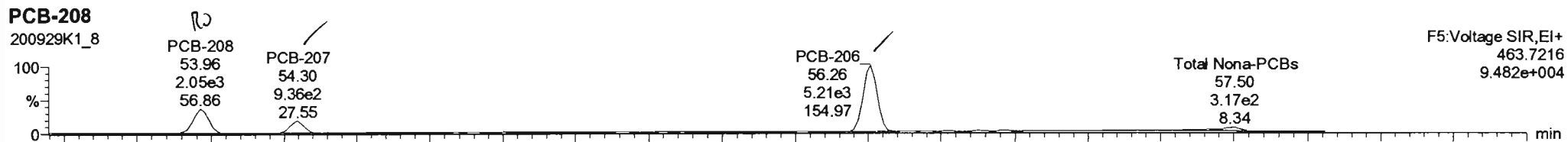




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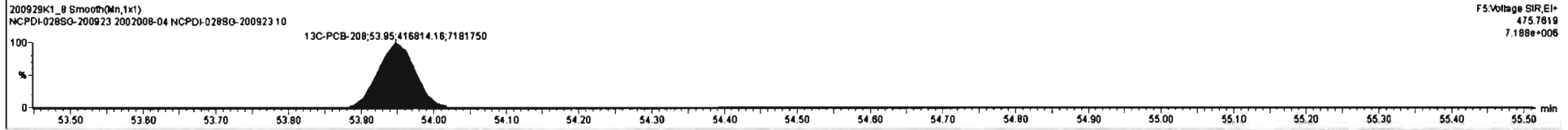
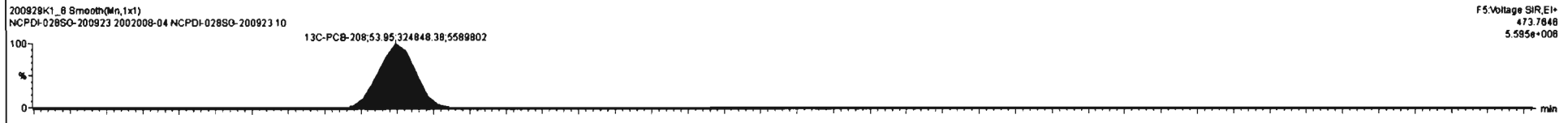
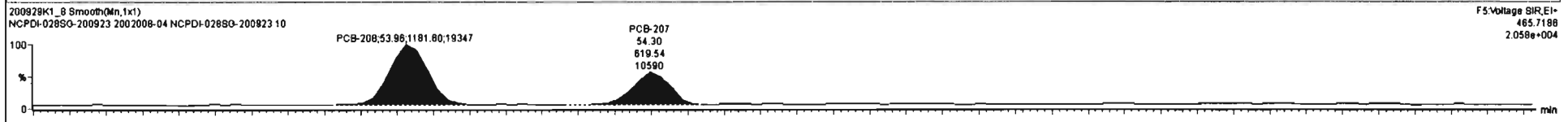
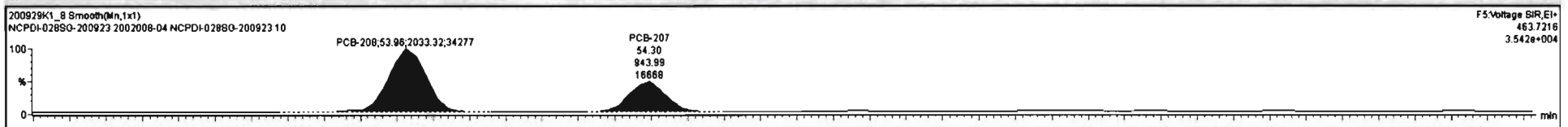
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Name: 200929K1_8, Date: 29-Sep-2020, Time: 21:55:02, ID: 2002008-04 NCPDI-028SG-200923 10, Description: NCPDI-028SG-200923



#	Name	Resp	RA	nly	R/F	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs					1.0778	1.589	0.00	0.000		NO	1456		31.5	1474
229	3rd Function Penta-PCBs					1.3157	1.589	0.00	0.000		NO	3398		27.3	3438
230	4th Function Penta-PCBs					1.0735	1.589	0.00	0.000		NO	135.8		6.89	138.7
231	3rd Function Hexa-PCBs					0.9505	1.589	0.00	0.000		NO	3422		8.18	3424
232	4th Function Hexa-PCBs					1.0316	1.589	0.00	0.000		NO	7320		34.8	7354
233	Total Hepta-PCBs					1.3551	1.589	0.00	0.000		NO	8321		25.8	8321
234	4th Function Octa-PCBs					1.0008	1.589	0.00	0.000		NO	982.2		6.12	1028
235	5th Function Octa-PCBs					1.1499	1.589	0.00	0.000		NO	594.5		3.52	584.5
236	Total Nona-PCBs					0.9523	1.589	0.00	0.000		NO	131.8		2.58	157.3
237	Total PCBs					0.9882	1.589	0.00	0.000		NO	170.1		0.413	170.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	165 PCB-208	53.96	53.96	2.033e3	1.182e3	1.340	1.72	YES	25.461	0.00000
2	166 PCB-207	54.30	54.30	8.440e2	8.195e2	1.340	1.52	NO	14.862	14.862
3	167 PCB-206	56.26	56.26	5.214e3	3.785e3	1.340	1.36	NO	117.17	117.17



Dataset: Untitled

Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

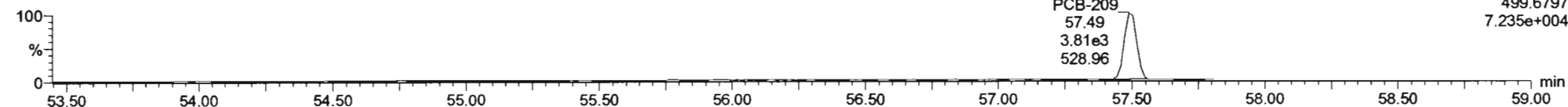
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PCB-209

200929K1_8

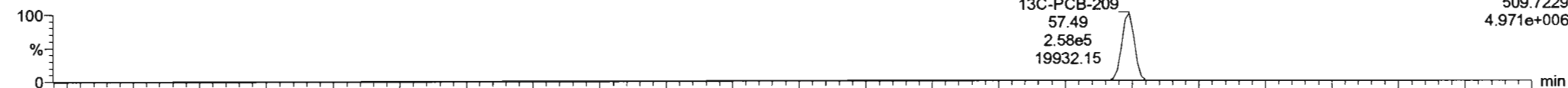


200929K1_8

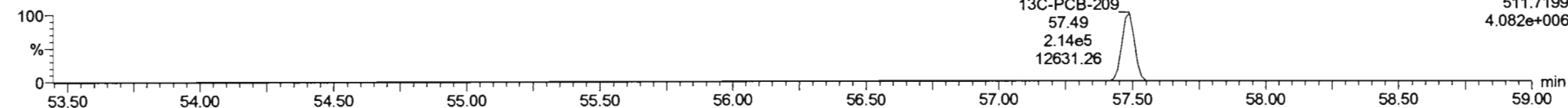


13C-PCB-209

200929K1_8

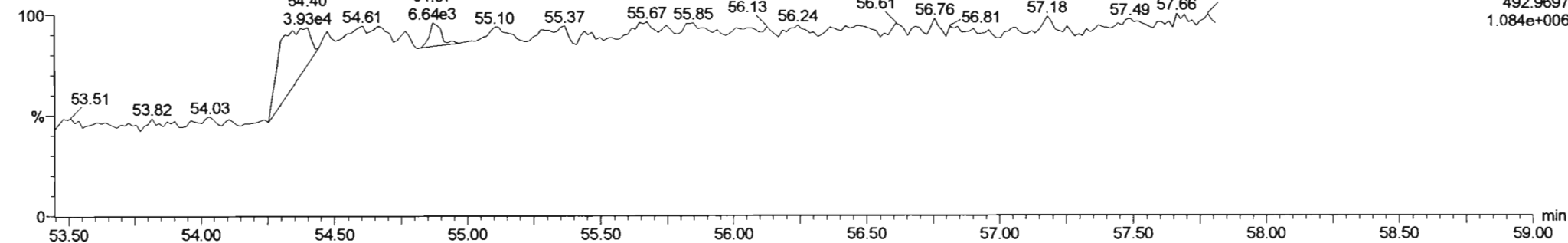


200929K1_8



PFK5b

200929K1_8



Dataset: U:\VG11.PRO\Results\200929K1\200929K1-9.qld

Last Altered: Friday, October 02, 2020 09:56:43 Pacific Daylight Time
Printed: Friday, October 02, 2020 10:05:19 Pacific Daylight Time

ely 10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

C7 10/02/2020

Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.68e3	2.48	YES	1.17	2.443	15.55	15.57	1.001	1.001	NO	4.372		0.579	4.110
2	2 PCB-2	4.11e3	2.94	NO	1.18	2.443	17.98	17.97	0.988	0.988	NO	10.07		0.582	10.07
3	3 PCB-3	2.37e3	2.81	NO	1.15	2.443	18.20	18.21	1.001	1.001	NO	5.985		0.599	5.985
4	4 PCB-4/10			NO	1.25	2.443	19.63		1.004		YES			3.56	
5	5 PCB-7/9			NO	0.960	2.443	21.44		1.003		YES			2.76	
6	6 PCB-6			NO	1.02	2.443	22.09		1.033		YES			2.59	
7	7 PCB-5/8	8.11e3	1.70	NO	0.992	2.443	22.50	22.48	1.052	1.051	NO	20.75		2.67	20.75
8	8 PCB-14			NO	1.02	2.443	23.64		0.951		YES			3.55	
9	9 PCB-11	1.35e4	1.40	NO	1.13	2.443	24.88	24.89	1.001	1.001	NO	29.47		3.21	29.47
10	10 PCB-12/13			NO	1.03	2.443	25.31		1.018		YES			3.52	
11	11 PCB-15	9.71e3	1.04	YES	1.03	2.443	25.60	25.57	1.030	1.029	NO	23.12		3.49	19.31
12	12 PCB-19	2.24e3	1.16	NO	1.11	2.443	23.82	23.81	1.001	1.001	NO	10.39		0.859	10.39
13	13 PCB-30			NO	1.79	2.443	24.71		1.039		YES			0.530	
14	14 PCB-18	3.54e3	1.12	NO	0.818	2.443	25.49	25.50	0.952	0.952	NO	14.80		0.758	14.80
15	15 PCB-17	4.34e3	1.05	NO	0.758	2.443	25.68	25.67	0.959	0.959	NO	19.56		0.818	19.56
16	16 PCB-24/27	1.19e3	0.88	YES	1.08	2.443	26.27	26.24	0.981	0.980	NO	3.777		0.573	3.458
17	17 PCB-16/32	6.61e3	1.02	NO	0.925	2.443	26.80	26.80	1.001	1.001	NO	24.45		0.670	24.45
18	18 PCB-34			NO	0.945	2.443	27.62		0.959		YES			0.819	
19	19 PCB-23			NO	0.883	2.443	27.71		0.962		YES			0.877	
20	20 PCB-29			NO	0.893	2.443	27.97		0.971		YES			0.867	
21	21 PCB-26	4.92e3	1.10	NO	0.944	2.443	28.17	28.18	0.979	0.979	NO	13.89		0.820	13.89
22	22 PCB-25	2.84e3	0.92	NO	0.950	2.443	28.34	28.33	0.984	0.984	NO	7.973		0.815	7.973
23	23 PCB-31	2.33e4	1.02	NO	1.04	2.443	28.71	28.70	0.997	0.997	NO	59.87		0.747	59.87
24	24 PCB-28	2.90e4	1.02	NO	1.03	2.443	28.81	28.81	1.001	1.001	NO	75.51		0.755	75.51
25	25 PCB-20/21/33	1.25e4	1.01	NO	0.941	2.443	29.45	29.46	1.023	1.023	NO	35.27		0.823	35.27
26	26 PCB-22	6.99e3	1.06	NO	0.973	2.443	29.91	29.91	1.039	1.039	NO	19.14		0.796	19.14
27	27 PCB-36			NO	1.08	2.443	30.53		0.931		YES			0.825	
28	28 PCB-39			NO	0.988	2.443	31.01		0.946		YES			0.899	
29	29 PCB-38			NO	1.05	2.443	31.81		0.970		YES			0.844	
30	30 PCB-35			NO	1.04	2.443	32.35		0.987		YES			0.851	

Dataset: U:\WG11.PRO\Results\200929K1\200929K1-9.qld

Last Altered: Friday, October 02, 2020 09:56:43 Pacific Daylight Time

Printed: Friday, October 02, 2020 10:05:19 Pacific Daylight Time

Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
31	31 PCB-37	9.07e3	1.04	NO	1.01	2.443	32.80	32.79	1.001	1.001	NO	26.18		0.880	26.18
32	32 PCB-54	7.41e2	0.69	NO	1.08	2.443	27.66	27.64	1.001	1.000	NO	2.677		0.545	2.677
33	33 PCB-50			NO	0.880	2.443	28.86		1.044		YES			0.669	
34	34 PCB-53	3.85e3	0.76	NO	0.997	2.443	29.54	29.52	0.944	0.943	NO	19.01		0.756	19.01
35	35 PCB-51	2.46e3	0.76	NO	1.07	2.443	29.90	29.87	0.956	0.955	NO	11.34		0.708	11.34
36	36 PCB-45	2.09e3	0.72	NO	0.858	2.443	30.34	30.32	0.970	0.969	NO	11.99		0.878	11.99
37	37 PCB-46	1.05e3	0.63	YES	0.831	2.443	30.85	30.82	0.986	0.985	NO	6.287		0.907	5.539
38	38 PCB-52/69	2.72e4	0.74	NO	1.17	2.443	31.33	31.31	1.001	1.001	NO	114.6		0.646	114.6
39	39 PCB-73			NO	1.44	2.443	31.46		1.005		YES			0.522	
40	40 PCB-43/49	1.89e4	0.76	NO	1.02	2.443	31.61	31.62	1.010	1.011	NO	91.37		0.742	91.37
41	41 PCB-47	1.13e4	0.75	NO	0.922	2.443	31.83	31.83	1.001	1.001	NO	55.59		0.752	55.59
42	42 PCB-48/75	4.07e3	0.88	NO	1.12	2.443	31.94	31.94	1.004	1.004	NO	16.42		0.619	16.42
43	43 PCB-65			NO	1.28	2.443	32.22		1.013		YES			0.541	
44	44 PCB-62			NO	1.13	2.443	32.33		1.016		YES			0.615	
45	45 PCB-44	1.47e4	0.71	NO	0.824	2.443	32.67	32.65	1.027	1.026	NO	80.63		0.841	80.63
46	46 PCB-42/59	6.30e3	0.77	NO	1.05	2.443	32.87	32.87	1.033	1.033	NO	27.14		0.660	27.14
47	47 PCB-41/64/71/72	1.96e4	0.81	NO	1.19	2.443	33.50	33.48	1.053	1.053	NO	74.71		0.584	74.71
48	48 PCB-68	6.68e2	0.61	YES	1.28	2.443	33.77	33.74	1.062	1.061	NO	2.384		0.542	2.057
49	49 PCB-40	2.15e3	0.80	NO	0.602	2.443	33.99	33.97	1.069	1.068	NO	16.13		1.15	16.13
50	50 PCB-57	2.91e2	0.82	NO	1.16	2.443	34.32	34.36	0.969	0.970	NO	0.9526		0.528	0.9526
51	51 PCB-67	9.20e2	0.83	NO	1.08	2.443	34.64	34.66	0.978	0.978	NO	3.234		0.567	3.234
52	52 PCB-58	3.02e2	0.96	YES	1.20	2.443	34.75	34.79	0.981	0.982	NO	0.9558		0.520	0.8633
53	53 PCB-63	1.33e3	0.82	NO	1.07	2.443	34.92	34.94	0.986	0.986	NO	4.733		0.573	4.733
54	54 PCB-74	1.41e4	0.76	NO	1.19	2.443	35.22	35.23	0.994	0.995	NO	45.38		0.518	45.38
55	55 PCB-61/70	3.52e4	0.79	NO	1.05	2.443	35.44	35.46	1.000	1.001	NO	127.1		0.583	127.1
56	56 PCB-76/66	2.97e4	0.77	NO	1.16	2.443	35.63	35.66	1.006	1.007	NO	97.38		0.528	97.38
57	57 PCB-80			NO	1.19	2.443	35.89		1.001		YES			0.490	
58	58 PCB-55			NO	1.17	2.443	36.22		1.010		YES			0.497	
59	59 PCB-56/60	1.66e4	0.81	NO	1.02	2.443	36.72	36.72	1.024	1.024	NO	60.60		0.571	60.60
60	60 PCB-79	9.39e2	0.88	NO	1.14	2.443	37.82	37.86	1.054	1.056	NO	3.069		0.510	3.069
61	61 PCB-78			NO	1.14	2.443	38.54		0.987		YES			0.531	
62	62 PCB-81	3.02e2	0.89	YES	1.05	2.443	39.09	39.12	1.000	1.001	NO	1.095		0.577	1.024
63	63 PCB-77	3.33e3	0.70	NO	1.14	2.443	39.70	39.70	1.000	1.000	NO	11.51		0.561	11.51

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
64	64 PCB-104			NO	1.12	2.443	32.50		1.001		YES			0.572	
65	65 PCB-96	4.97e2	1.46	NO	1.15	2.443	33.82	33.80	1.041	1.041	NO	2.248		0.556	2.248
66	66 PCB-103	1.20e3	1.69	NO	0.936	2.443	34.38	34.36	1.059	1.058	NO	6.711		0.685	6.711
67	67 PCB-100	7.16e2	1.35	NO	0.954	2.443	34.74	34.73	1.070	1.069	NO	3.920		0.673	3.920
68	68 PCB-94	3.47e2	0.82	YES	0.949	2.443	35.21	35.21	0.985	0.985	NO	2.425		0.565	1.791
69	69 PCB-95/98/102	2.44e4	1.52	NO	1.20	2.443	35.68	35.77	0.999	1.001	NO	134.4		0.682	134.4
70	70 PCB-93	5.12e2	1.15	YES	0.935	2.443	35.82	35.83	1.003	1.003	NO	3.583		0.878	3.183
71	71 PCB-88/91	4.85e3	1.47	NO	1.06	2.443	36.16	36.18	1.012	1.013	NO	30.27		0.771	30.27
72	72 PCB-121			NO	1.71	2.443	36.26		1.015		YES			0.480	
73	73 PCB-84/92	1.25e4	1.60	NO	1.02	2.443	37.11	37.11	0.990	0.990	NO	78.76		0.793	78.76
74	74 PCB-89			NO	1.11	2.443	37.29		0.995		YES			0.731	
75	75 PCB-90/101	3.59e4	1.54	NO	1.12	2.443	37.50	37.50	1.000	1.001	NO	204.6		0.719	204.6
76	76 PCB-113			NO	1.51	2.443	37.75		1.007		YES			0.533	
77	77 PCB-99	1.68e4	1.49	NO	1.32	2.443	37.83	37.84	1.009	1.009	NO	81.61		0.611	81.61
78	78 PCB-119	1.87e3	1.26	YES	1.81	2.443	38.32	38.32	0.987	0.987	NO	7.642		0.518	6.993
79	79 PCB-108/112	1.68e3	2.02	YES	1.44	2.443	38.48	38.49	0.991	0.991	NO	8.561		0.648	7.261
80	80 PCB-83			NO	1.83	2.443	38.63		0.995		YES			0.511	
81	81 PCB-97	7.86e3	1.59	NO	1.28	2.443	38.84	38.84	1.000	1.000	NO	45.22		0.730	45.22
82	82 PCB-86			NO	1.12	2.443	38.98		1.004		YES			0.838	
83	83 PCB-87/117/125	1.12e4	1.59	NO	1.56	2.443	39.13	39.14	1.008	1.008	NO	53.02		0.600	53.02
84	84 PCB-111/115	5.00e3	1.52	NO	1.91	2.443	39.29	39.40	1.012	1.015	NO	19.30		0.490	19.30
85	85 PCB-85/116			NO	1.41	2.443	39.42		1.015		YES			0.663	
86	86 PCB-120	4.41e2	2.04	YES	2.01	2.443	39.67	39.64	1.022	1.021	NO	1.519		0.487	1.363
87	87 PCB-110	4.50e4	1.58	NO	1.74	2.443	39.83	39.81	1.026	1.025	NO	190.3		0.537	190.3
88	88 PCB-82	2.56e3	1.16	YES	0.781	2.443	40.47	40.46	0.976	0.976	NO	17.37		0.887	15.83
89	89 PCB-124	1.53e3	2.69	YES	1.40	2.443	41.17	41.17	0.993	0.993	NO	6.014		0.456	4.177
90	90 PCB-107/109	2.92e3	1.73	NO	1.34	2.443	41.32	41.34	0.996	0.997	NO	11.95		0.516	11.95
91	91 PCB-123	4.46e2	1.49	NO	1.20	2.443	41.49	41.49	1.000	1.000	NO	2.044		0.578	2.044
92	92 PCB-106/118	3.69e4	1.72	NO	1.22	2.443	41.69	41.67	1.001	1.000	NO	155.0		0.545	155.0
93	93 PCB-114	1.01e3	1.51	NO	1.14	2.443	42.35	42.35	1.000	1.000	NO	3.772		0.902	3.772
94	94 PCB-122	5.01e2	1.53	NO	0.944	2.443	42.50	42.50	1.004	1.004	NO	2.271		1.09	2.271
95	95 PCB-105	1.57e4	1.59	NO	1.05	2.443	43.24	43.24	1.000	1.000	NO	61.27		0.955	61.27
96	96 PCB-127			NO	1.06	2.443	43.58		1.000		YES			0.918	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
97	97 PCB-126			NO	1.17	2.443	45.55		1.000		YES			0.923	
98	98 PCB-155			NO	1.04	2.443	37.02		1.000		YES			0.327	
99	99 PCB-150	1.62e2	2.46	YES	1.08	2.443	38.34	38.34	1.036	1.036	NO	1.024		0.345	0.6626
100	1... PCB-152			NO	1.19	2.443	38.83		1.049		YES			0.287	
101	1... PCB-145			NO	1.19	2.443	39.28		1.062		YES			0.287	
102	1... PCB-136	5.98e3	1.17	NO	1.02	2.443	39.63	39.62	1.071	1.071	NO	40.01		0.334	40.01
103	1... PCB-148			NO	0.842	2.443	39.74		1.074		YES			0.405	
104	1... PCB-154	8.44e2	0.80	YES	0.919	2.443	40.24	40.24	1.088	1.088	NO	6.269		0.371	5.041
105	1... PCB-151	8.32e3	1.24	NO	0.787	2.443	40.91	40.89	1.106	1.105	NO	72.23		0.434	72.23
106	1... PCB-135	4.66e3	1.10	NO	0.922	2.443	41.13	41.13	1.112	1.112	NO	34.54		0.370	34.54
107	1... PCB-144	1.47e3	1.14	NO	0.789	2.443	41.23	41.22	1.114	1.114	NO	12.72		0.432	12.72
108	1... PCB-147	9.19e2	1.60	YES	0.834	2.443	41.38	41.37	1.118	1.118	NO	7.523		0.409	6.472
109	1... PCB-139/149	2.94e4	1.33	NO	0.948	2.443	41.64	41.63	1.125	1.125	NO	211.9		0.360	211.9
110	1... PCB-140			NO	0.794	2.443	41.88		1.132		YES			0.430	
111	1... PCB-134/143	2.05e3	1.34	NO	0.759	2.443	42.29	42.31	0.975	0.975	NO	13.32		1.04	13.32
112	1... PCB-131/133	1.67e3	1.39	NO	0.821	2.443	42.59	42.60	0.982	0.982	NO	10.02		0.964	10.02
113	1... PCB-142			NO	0.754	2.443	42.74		0.985		YES			1.05	
114	1... PCB-146/165	9.95e3	1.29	NO	1.02	2.443	42.97	42.99	0.990	0.991	NO	48.34		0.778	48.34
115	1... PCB-132/161	1.45e4	1.17	NO	1.02	2.443	43.22	43.28	0.996	0.997	NO	69.87		0.772	69.87
116	1... PCB-153	5.95e4	1.32	NO	1.07	2.443	43.41	43.41	1.000	1.000	NO	274.6		0.739	274.6
117	1... PCB-168			NO	1.08	2.443	43.64		1.006		YES			0.734	
118	1... PCB-141	9.04e3	1.33	NO	1.03	2.443	44.17	44.17	1.000	1.000	NO	52.67		0.930	52.67
119	1... PCB-137	1.46e3	1.56	YES	1.11	2.443	44.56	44.57	1.009	1.009	NO	7.809		0.860	6.887
120	1... PCB-130	2.95e3	1.21	NO	0.885	2.443	44.68	44.68	1.012	1.012	NO	19.91		1.08	19.91
121	1... PCB-138/163/164	6.27e4	1.22	NO	1.28	2.443	45.06	45.06	1.001	1.001	NO	278.0		0.706	278.0
122	1... PCB-158/160	5.86e3	1.32	NO	1.24	2.443	45.30	45.29	1.006	1.006	NO	26.88		0.731	26.88
123	1... PCB-129	1.08e3	1.11	NO	0.867	2.443	45.55	45.57	1.012	1.012	NO	7.101		1.05	7.101
124	1... PCB-166			NO	1.14	2.443	46.03		0.993		YES			0.671	
125	1... PCB-159			NO	1.22	2.443	46.37		1.000		YES			0.630	
126	1... PCB-128/162	6.43e3	1.25	NO	0.907	2.443	46.68	46.65	1.007	1.007	NO	33.15		0.845	33.15
127	1... PCB-167	2.32e3	1.41	NO	1.11	2.443	47.07	47.07	1.000	1.000	NO	9.745		0.688	9.745
128	1... PCB-156	5.53e3	1.24	NO	1.13	2.443	48.39	48.41	1.000	1.001	NO	23.78		0.725	23.78
129	1... PCB-157	1.04e3	0.79	YES	1.04	2.443	48.68	48.68	1.000	1.000	NO	4.748		0.757	3.789

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
130	1... PCB-169			NO	1.16	2.443	50.95		1.000		YES			0.728	
131	1... PCB-188			NO	1.29	2.443	43.05		1.001		YES			0.478	
132	1... PCB-184			NO	1.23	2.443	43.48		1.011		YES			0.500	
133	1... PCB-179	9.50e3	1.00	NO	1.30	2.443	44.31	44.30	1.030	1.030	NO	43.85		0.475	43.85
134	1... PCB-176	2.67e3	1.05	NO	1.31	2.443	44.77	44.78	1.041	1.041	NO	12.23		0.471	12.23
135	1... PCB-186			NO	1.33	2.443	45.40		1.056		YES			0.463	
136	1... PCB-178	3.61e3	0.87	YES	0.943	2.443	45.91	45.91	1.067	1.067	NO	22.93		0.603	20.88
137	1... PCB-175	6.95e2	0.90	NO	0.956	2.443	46.27	46.27	1.076	1.076	NO	4.358		0.644	4.358
138	1... PCB-182/187	2.24e4	0.97	NO	1.07	2.443	46.48	46.44	1.081	1.080	NO	125.7		0.578	125.7
139	1... PCB-183	9.70e3	1.03	NO	1.02	2.443	46.78	46.78	1.088	1.088	NO	56.82		0.602	56.82
140	1... PCB-185	1.89e3	1.12	NO	1.41	2.443	47.44	47.46	0.955	0.955	NO	11.67		0.671	11.67
141	1... PCB-174	1.66e4	1.05	NO	1.35	2.443	47.84	47.82	0.963	0.962	NO	106.7		0.697	106.7
142	1... PCB-181	2.08e2	0.62	YES	1.47	2.443	47.94	47.92	0.965	0.964	NO	1.228		0.640	0.9163
143	1... PCB-177	8.31e3	0.91	NO	1.28	2.443	48.11	48.11	0.968	0.968	NO	56.54		0.739	56.54
144	1... PCB-171	4.00e3	1.03	NO	1.32	2.443	48.41	48.41	0.974	0.974	NO	26.44		0.717	26.44
145	1... PCB-173	2.76e2	0.58	YES	1.19	2.443	48.84	48.87	0.983	0.983	NO	2.014		0.783	1.443
146	1... PCB-172	2.31e3	0.94	NO	1.38	2.443	49.32	49.30	0.992	0.992	NO	14.62		0.686	14.62
147	1... PCB-192			NO	1.83	2.443	49.51		0.996		YES			0.517	
148	1... PCB-180	3.53e4	1.05	NO	1.41	2.443	49.72	49.72	1.000	1.000	NO	217.3		0.668	217.3
149	1... PCB-193	2.48e3	1.02	NO	1.68	2.443	49.94	49.93	1.005	1.005	NO	12.83		0.563	12.83
150	1... PCB-191	8.76e2	0.97	NO	1.71	2.443	50.21	50.21	1.010	1.010	NO	4.453		0.552	4.453
151	1... PCB-170	1.25e4	1.07	NO	1.40	2.443	51.41	51.40	1.000	1.000	NO	89.29		0.771	89.29
152	1... PCB-190	3.75e3	1.05	NO	1.85	2.443	51.62	51.60	1.005	1.004	NO	20.22		0.584	20.22
153	1... PCB-189	8.35e2	1.19	NO	1.45	2.443	53.11	53.09	1.000	1.000	NO	4.277		0.457	4.277
154	1... PCB-202	1.97e3	0.94	NO	1.17	2.443	48.64	48.62	1.001	1.000	NO	11.43		0.635	11.43
155	1... PCB-201	1.18e3	1.00	NO	1.05	2.443	49.13	49.13	1.011	1.011	NO	7.578		0.705	7.578
156	1... PCB-204			NO	1.14	2.443	49.28		1.014		YES			0.650	
157	1... PCB-197	3.35e2	1.43	YES	1.13	2.443	49.60	49.59	1.021	1.020	NO	2.004		0.555	1.560
158	1... PCB-200	1.11e3	1.05	YES	1.07	2.443	50.54	50.53	1.040	1.040	NO	7.080		0.663	6.469
159	1... PCB-198	3.90e2	1.28	YES	0.794	2.443	52.08	52.09	1.072	1.072	NO	3.327		0.935	2.761
160	1... PCB-199	7.35e3	0.89	NO	0.809	2.443	52.22	52.22	1.074	1.074	NO	61.48		0.917	61.48
161	1... PCB-196/203	8.17e3	0.98	NO	0.838	2.443	52.52	52.52	1.081	1.081	NO	65.98		0.885	65.98
162	1... PCB-195	2.92e3	0.90	NO	1.04	2.443	53.82	53.80	0.984	0.983	NO	21.19		0.781	21.19

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
163	1... PCB-194	8.40e3	0.90	NO	1.12	2.443	54.72	54.72	1.000	1.000	NO	57.11		0.731	57.11
164	1... PCB-205	5.44e2	0.88	NO	1.29	2.443	55.00	55.00	1.005	1.005	NO	3.205		0.632	3.205
165	1... PCB-208	1.93e3	1.21	NO	0.933	2.443	53.96	53.96	1.000	1.000	NO	12.62		0.576	12.62
166	1... PCB-207	6.60e2	1.52	NO	0.916	2.443	54.30	54.30	1.007	1.007	NO	4.386		0.586	4.386
167	1... PCB-206	3.71e3	1.23	NO	1.01	2.443	56.26	56.26	1.000	1.000	NO	34.49		0.788	34.49
168	1... PCB-209	4.04e3	1.13	NO	0.986	2.443	57.49	57.50	1.000	1.000	NO	40.36		0.316	40.36
169	1... 13C-PCB-1	1.35e6	3.17	NO	0.893	2.443	15.54	15.54	0.608	0.608	NO	3389	82.8	4.45	
170	1... 13C-PCB-3	1.41e6	3.37	NO	0.911	2.443	18.19	18.19	0.712	0.712	NO	3489	85.2	4.36	
171	1... 13C-PCB-4	9.86e5	1.61	NO	0.600	2.443	19.56	19.55	0.765	0.765	NO	3698	90.3	1.85	
172	1... 13C-PCB-9	1.61e6	1.57	NO	0.970	2.443	21.39	21.38	0.837	0.837	NO	3741	91.4	1.15	
173	1... 13C-PCB-11	1.66e6	1.58	NO	0.962	2.443	24.84	24.86	0.972	0.973	NO	3885	94.9	1.16	
174	1... 13C-PCB-19	7.98e5	1.01	NO	0.499	2.443	23.80	23.78	0.931	0.931	NO	3598	87.9	20.3	
175	1... 13C-PCB-32	1.20e6	1.06	NO	0.744	2.443	26.79	26.78	1.048	1.048	NO	3616	88.3	13.6	
176	1... 13C-PCB-28	1.54e6	1.06	NO	1.06	2.443	28.77	28.79	1.003	1.004	NO	3421	83.6	16.6	
177	1... 13C-PCB-37	1.41e6	1.02	NO	0.989	2.443	32.77	32.78	1.143	1.143	NO	3369	82.3	17.9	
178	1... 13C-PCB-54	1.05e6	0.77	NO	0.999	2.443	27.63	27.64	0.753	0.753	NO	3345	81.7	2.94	
179	1... 13C-PCB-52	8.32e5	0.79	NO	0.804	2.443	31.26	31.29	0.852	0.852	NO	3295	80.5	3.65	
180	1... 13C-PCB-47	9.05e5	0.77	NO	0.857	2.443	31.78	31.81	0.866	0.867	NO	3364	82.2	3.43	
181	1... 13C-PCB-70	1.07e6	0.81	NO	0.996	2.443	35.43	35.42	0.965	0.965	NO	3434	83.9	2.95	
182	1... 13C-PCB-80	1.10e6	0.79	NO	1.03	2.443	35.87	35.87	0.977	0.977	NO	3408	83.3	2.86	
183	1... 13C-PCB-81	1.08e6	0.79	NO	0.988	2.443	39.06	39.07	1.064	1.064	NO	3482	85.1	2.97	
184	1... 13C-PCB-77	1.04e6	0.81	NO	0.969	2.443	39.67	39.68	1.081	1.081	NO	3421	83.6	3.03	
185	1... 13C-PCB-104	7.84e5	1.59	NO	1.02	2.443	32.46	32.48	0.827	0.827	NO	3272	79.9	1.37	
186	1... 13C-PCB-95	6.17e5	1.60	NO	0.805	2.443	35.74	35.74	0.910	0.910	NO	3249	79.4	1.73	
187	1... 13C-PCB-101	6.40e5	1.56	NO	0.793	2.443	37.49	37.48	0.955	0.954	NO	3424	83.7	1.76	
188	1... 13C-PCB-97	5.55e5	1.70	NO	0.696	2.443	38.83	38.82	0.989	0.989	NO	3383	82.7	2.00	
189	1... 13C-PCB-123	7.46e5	1.61	NO	0.933	2.443	41.47	41.47	1.056	1.056	NO	3393	82.9	1.49	
190	1... 13C-PCB-118	8.00e5	1.62	NO	0.986	2.443	41.66	41.65	1.061	1.061	NO	3442	84.1	1.41	
191	1... 13C-PCB-114	9.56e5	1.62	NO	1.55	2.443	42.33	42.33	0.908	0.908	NO	3451	84.3	1.94	
192	1... 13C-PCB-105	9.96e5	1.59	NO	1.57	2.443	43.22	43.22	0.927	0.927	NO	3538	86.4	1.91	
193	1... 13C-PCB-127	1.05e6	1.58	NO	1.62	2.443	43.56	43.56	0.934	0.934	NO	3610	88.2	1.84	
194	1... 13C-PCB-126	9.55e5	1.57	NO	1.57	2.443	45.54	45.53	0.976	0.976	NO	3400	83.1	1.91	
195	1... 13C-PCB-155	5.99e5	1.30	NO	0.615	2.443	36.99	37.00	0.942	0.942	NO	4137	101	0.949	

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Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
196	1... 13C-PCB-153	8.29e5	1.28	NO	1.36	2.443	43.39	43.39	0.930	0.931	NO	3392	82.9	3.17	
197	1... 13C-PCB-141	6.84e5	1.26	NO	1.13	2.443	44.15	44.15	0.947	0.947	NO	3386	82.7	3.84	
198	1... 13C-PCB-138	7.19e5	1.25	NO	1.18	2.443	45.02	45.02	0.965	0.965	NO	3390	82.8	3.65	
199	1... 13C-PCB-159	8.75e5	1.27	NO	1.44	2.443	46.34	46.35	0.994	0.994	NO	3396	83.0	3.01	
200	2... 13C-PCB-167	8.77e5	1.26	NO	1.44	2.443	47.05	47.05	1.009	1.009	NO	3402	83.1	3.01	
201	2... 13C-PCB-156	8.45e5	1.29	NO	1.40	2.443	48.37	48.37	1.037	1.037	NO	3377	82.5	3.10	
202	2... 13C-PCB-157	8.60e5	1.28	NO	1.40	2.443	48.66	48.66	1.043	1.043	NO	3438	84.0	3.10	
203	2... 13C-PCB-169	8.24e5	1.30	NO	1.33	2.443	50.93	50.93	1.092	1.092	NO	3458	84.5	3.25	
204	2... 13C-PCB-188	6.83e5	0.45	NO	1.41	2.443	43.01	43.01	0.926	0.926	NO	3418	83.5	1.99	
205	2... 13C-PCB-180	4.71e5	0.47	NO	0.929	2.443	49.70	49.70	1.070	1.070	NO	3576	87.4	3.03	
206	2... 13C-PCB-170	4.10e5	0.46	NO	0.794	2.443	51.36	51.39	1.106	1.106	NO	3643	89.0	3.54	
207	2... 13C-PCB-189	5.50e5	0.46	NO	1.04	2.443	53.09	53.09	1.143	1.143	NO	3717	90.8	2.69	
208	2... 13C-PCB-202	6.04e5	0.94	NO	1.04	2.443	48.60	48.60	1.046	1.047	NO	4116	101	1.90	
209	2... 13C-PCB-194	5.39e5	0.91	NO	0.768	2.443	54.71	54.71	0.995	0.995	NO	3209	78.4	4.93	
210	2... 13C-PCB-208	6.72e5	0.80	NO	0.991	2.443	53.95	53.95	0.981	0.981	NO	3101	75.8	3.63	
211	2... 13C-PCB-206	4.37e5	0.79	NO	0.552	2.443	56.25	56.24	1.023	1.023	NO	3612	88.2	6.51	
212	2... 13C-PCB-209	4.15e5	1.23	NO	0.396	2.443	57.49	57.49	1.046	1.045	NO	4783	117	0.781	
213	2... 13C-PCB-15	1.82e6	1.56	NO	1.00	2.443	25.54	25.56	1.000	0.000	NO	4093	100	1.11	
214	2... 13C-PCB-31	1.73e6	1.05	NO	1.00	2.443	28.69	28.68	1.000	0.000	NO	4093	100	17.7	
215	2... 13C-PCB-60	1.29e6	0.82	NO	1.00	2.443	36.71	36.70	1.000	0.000	NO	4093	100	2.94	
216	2... 13C-PCB-111	9.65e5	1.57	NO	1.00	2.443	39.27	39.27	1.000	0.000	NO	4093	100	1.39	
217	2... 13C-PCB-128	7.33e5	1.28	NO	1.00	2.443	46.64	46.63	1.000	0.000	NO	4093	100	4.33	
218	2... 13C-PCB-182	5.80e5	0.45	NO	1.00	2.443	46.45	46.44	0.000	0.000	NO	4093	100	2.81	
219	2... 13C-PCB-205	8.96e5	0.91	NO	1.00	2.443	54.99	54.99	1.000	0.000	NO	4093	100	3.79	
220	2... 13C-PCB-79	1.18e6	0.79	NO	1.07	2.443	37.80	37.80	1.030	1.030	NO	3526	86.1	2.75	
221	2... 13C-PCB-178	4.71e5	0.45	NO	0.766	2.443	45.89	45.89	0.988	0.988	NO	3433	83.9	2.89	
222	2... 13C-PCB-79	1.18e6	0.78	NO	1.08	2.443	37.80	37.80	0.968	0.968	NO	4129	101	3.28	
223	2... 13C-PCB-178	4.71e5	0.45	NO	1.05	2.443	45.89	45.89	0.923	0.923	NO	3898	95.2	3.42	
224	2... Total Mono-PCBs				1.17	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	2... Total Di-PCBs				1.05	2.443	0.00		0.000		NO	50.23		25.4	69.54
226	2... 2nd Function Tri-PCBs				1.08	2.443	0.00		0.000		NO	69.21	>307.11 -	4.21	72.67
227	2... 3rd Function Tri-PCBs				0.983	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	2... Total Tetra-PCBs				1.08	2.443	0.00		0.000		NO	875.6		20.2	885.1

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Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
229	2... 3rd Function Penta-PCBs				1.32	2.443	0.00		0.000		NO	1019	> 1086.31 -	18.6	1060
230	2... 4th Function Penta-PCBs				1.07	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	2... 3rd Function Hexa-PCBs				0.951	2.443	0.00		0.000		NO	371.4	> 1238.8 -	4.76	383.6
232	2... 4th Function Hexa-PCBs				1.03	2.443	0.00		0.000		NO	867.4		16.5	878.1
233	2... Total Hepta-PCBs				1.36	2.443	0.00		0.000		NO	807.3		13.9	830.5
234	2... 4th Function Octa-PCBs				1.00	2.443	0.00		0.000		NO	146.5	> 228.01 -	6.07	157.3
235	2... 5th Function Octa-PCBs				1.15	2.443	0.00		0.000		NO	81.51		2.14	81.51
236	2... Total Nona-PCBs				0.952	2.443	0.00		0.000		NO	51.50		1.95	51.50
237	2... Deca-CB				0.986	2.443	0.00		0.000		NO	40.36		0.316	40.36
238	2... Total PCBs														

> 1127.31 -
> 1261.7 -
> 238.81 -

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
 Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

Total Mono-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-1	15.55	15.57	1.802e4	7.949e3	1.196e3	4.829e2	2.48	YES	1.679e3	0.00000	4.1100	0.579
2	PCB-2	17.98	17.97	4.596e4	1.473e4	3.068e3	1.044e3	2.94	NO	4.112e3	10.073	10.073	0.582
3	PCB-3	18.20	18.21	2.857e4	1.055e4	1.749e3	6.228e2	2.81	NO	2.372e3	5.9852	5.9852	0.599

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-5/8	22.50	22.48	7.832e4	5.663e4	5.111e3	3.002e3	1.70	NO	8.113e3	20.754	20.754	2.67
2	PCB-11	24.88	24.89	9.033e4	7.784e4	7.852e3	5.615e3	1.40	NO	1.347e4	29.473	29.473	3.21
3	PCB-15	25.60	25.57	7.098e4	5.443e4	4.939e3	4.766e3	1.04	YES	9.705e3	0.00000	19.308	3.49

2nd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-19	23.82	23.81	1.823e4	1.641e4	1.205e3	1.035e3	1.16	NO	2.240e3	10.389	10.389	0.859
2	PCB-18	25.49	25.50	2.603e4	2.449e4	1.871e3	1.666e3	1.12	NO	3.537e3	14.804	14.804	0.758
3	PCB-17	25.68	25.67	3.630e4	3.146e4	2.222e3	2.114e3	1.05	NO	4.335e3	19.563	19.563	0.818
4	PCB-24/27	26.27	26.24	8.606e3	7.485e3	5.573e2	6.369e2	0.88	YES	1.194e3	0.00000	3.4579	0.573
5	PCB-16/32	26.80	26.80	3.538e4	3.835e4	3.346e3	3.266e3	1.02	NO	6.612e3	24.452	24.452	0.670

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3rd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.17	28.18	3.468e4	3.037e4	2.572e3	2.348e3	1.10	NO	4.919e3	13.894	13.894	0.820
2	PCB-25	28.34	28.33	1.734e4	1.778e4	1.361e3	1.480e3	0.92	NO	2.841e3	7.9729	7.9729	0.815
3	PCB-31	28.71	28.70	1.596e5	1.550e5	1.177e4	1.150e4	1.02	NO	2.327e4	59.874	59.874	0.747
4	PCB-28	28.81	28.81	1.907e5	1.906e5	1.466e4	1.438e4	1.02	NO	2.903e4	75.513	75.513	0.755
5	PCB-20/21/33	29.45	29.46	7.830e4	7.608e4	6.248e3	6.206e3	1.01	NO	1.245e4	35.269	35.269	0.823
6	PCB-22	29.91	29.91	4.373e4	4.362e4	3.591e3	3.396e3	1.06	NO	6.986e3	19.145	19.145	0.796
7	PCB-37	32.80	32.79	5.901e4	5.520e4	4.629e3	4.440e3	1.04	NO	9.069e3	26.184	26.184	0.880

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Total Tetra-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.66	27.64	3.914e3	4.960e3	3.014e2	4.398e2	0.69	NO	7.412e2	2.6766	2.6766	0.545
2	PCB-53	29.54	29.52	2.202e4	2.831e4	1.661e3	2.190e3	0.76	NO	3.851e3	19.008	19.008	0.756
3	PCB-51	29.90	29.87	1.398e4	1.628e4	1.064e3	1.392e3	0.76	NO	2.456e3	11.344	11.344	0.708
4	PCB-45	30.34	30.32	1.146e4	1.609e4	8.738e2	1.218e3	0.72	NO	2.092e3	11.991	11.991	0.878
5	PCB-46	30.85	30.82	5.276e3	8.062e3	4.069e2	6.462e2	0.63	YES	1.053e3	0.00000	5.5393	0.907
6	PCB-52/69	31.33	31.31	1.521e5	2.043e5	1.158e4	1.560e4	0.74	NO	2.718e4	114.62	114.62	0.646
7	PCB-43/49	31.61	31.62	1.047e5	1.401e5	8.148e3	1.072e4	0.76	NO	1.887e4	91.365	91.365	0.742
8	PCB-47	31.83	31.83	6.120e4	8.814e4	4.845e3	6.491e3	0.75	NO	1.134e4	55.587	55.587	0.752
9	PCB-48/75	31.94	31.94	2.594e4	3.030e4	1.904e3	2.165e3	0.88	NO	4.070e3	16.423	16.423	0.619
10	PCB-44	32.67	32.65	8.024e4	1.141e5	6.087e3	8.613e3	0.71	NO	1.470e4	80.633	80.633	0.841
11	PCB-42/59	32.87	32.87	3.413e4	4.243e4	2.733e3	3.570e3	0.77	NO	6.302e3	27.141	27.141	0.660
12	PCB-41/64/71/72	33.50	33.48	1.060e5	1.326e5	8.767e3	1.086e4	0.81	NO	1.962e4	74.712	74.712	0.584
13	PCB-68	33.77	33.74	3.293e3	5.243e3	2.530e2	4.153e2	0.61	YES	6.682e2	0.00000	2.0570	0.542
14	PCB-40	33.99	33.97	1.285e4	1.517e4	9.556e2	1.192e3	0.80	NO	2.148e3	16.126	16.126	1.15
15	PCB-57	34.32	34.36	1.464e3	2.118e3	1.308e2	1.598e2	0.82	NO	2.906e2	0.95260	0.95260	0.528
16	PCB-67	34.64	34.66	4.163e3	6.840e3	4.170e2	5.026e2	0.83	NO	9.196e2	3.2337	3.2337	0.567
17	PCB-58	34.75	34.79	1.690e3	1.915e3	1.478e2	1.541e2	0.96	YES	3.019e2	0.00000	0.86330	0.510
18	PCB-63	34.92	34.94	7.311e3	9.636e3	6.012e2	7.297e2	0.82	NO	1.331e3	4.7329	4.7329	0.573
19	PCB-74	35.22	35.23	8.054e4	1.082e5	6.086e3	8.023e3	0.76	NO	1.411e4	45.385	45.385	0.518
20	PCB-61/70	35.44	35.46	1.971e5	2.416e5	1.557e4	1.959e4	0.79	NO	3.516e4	127.12	127.12	0.583
21	PCB-76/66	35.63	35.66	1.687e5	2.237e5	1.291e4	1.684e4	0.77	NO	2.975e4	97.382	97.382	0.528
22	PCB-56/60	36.72	36.72	9.147e4	1.173e5	7.438e3	9.145e3	0.81	NO	1.658e4	60.596	60.596	0.571
23	PCB-79	37.82	37.86	5.296e3	6.381e3	4.397e2	4.995e2	0.88	NO	9.393e2	3.0690	3.0690	0.510
24	PCB-81	39.09	39.12	3.745e3	4.091e3	1.425e2	1.597e2	0.89	YES	3.023e2	0.00000	1.0238	0.577
25	PCB-77	39.70	39.70	1.771e4	2.310e4	1.366e3	1.961e3	0.70	NO	3.328e3	11.511	11.511	0.561

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3rd Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.82	33.80	4.221e3	2.768e3	2.949e2	2.019e2	1.46	NO	4.968e2	2.2482	2.2482	0.556
2	PCB-103	34.38	34.36	1.069e4	4.762e3	7.562e2	4.475e2	1.69	NO	1.204e3	6.7114	6.7114	0.685
3	PCB-100	34.74	34.73	4.899e3	3.997e3	4.119e2	3.040e2	1.35	NO	7.159e2	3.9200	3.9200	0.673
4	PCB-94	35.21	35.21	2.142e3	2.870e3	1.560e2	1.907e2	0.82	YES	3.467e2	0.00000	1.7910	0.865
5	PCB-95/98/102	35.68	35.77	1.826e5	1.213e5	1.470e4	9.681e3	1.52	NO	2.438e4	134.37	134.37	0.682
6	PCB-93	35.82	35.83	1.784e4	1.309e4	2.732e2	2.385e2	1.15	YES	5.117e2	0.00000	3.1827	0.878
7	PCB-88/91	36.16	36.18	3.656e4	2.639e4	2.888e3	1.967e3	1.47	NO	4.855e3	30.266	30.266	0.771
8	PCB-84/92	37.11	37.11	1.012e5	6.092e4	7.703e3	4.824e3	1.60	NO	1.253e4	78.760	78.760	0.793
9	PCB-90/101	37.50	37.50	2.782e5	1.825e5	2.178e4	1.413e4	1.54	NO	3.590e4	204.64	204.64	0.719
10	PCB-99	37.83	37.84	1.279e5	8.501e4	1.008e4	6.765e3	1.49	NO	1.685e4	81.606	81.606	0.611
11	PCB-119	38.32	38.32	1.280e4	1.063e4	1.044e3	8.280e2	1.26	YES	1.872e3	0.00000	6.9928	0.518
12	PCB-108/112	38.48	38.49	1.478e4	6.167e3	1.122e3	5.560e2	2.02	YES	1.678e3	0.00000	7.2608	0.648
13	PCB-97	38.84	38.84	5.955e4	3.795e4	4.833e3	3.031e3	1.59	NO	7.865e3	45.221	45.221	0.730
14	PCB-87/117/125	39.13	39.14	8.923e4	5.368e4	6.890e3	4.324e3	1.59	NO	1.121e4	53.024	53.024	0.600
15	PCB-111/115	39.29	39.40	3.850e4	2.641e4	3.016e3	1.987e3	1.52	NO	5.003e3	19.303	19.303	0.490
16	PCB-120	39.67	39.64	3.756e3	2.075e3	2.957e2	1.448e2	2.04	YES	4.405e2	0.00000	1.3626	0.467
17	PCB-110	39.83	39.81	3.566e5	2.214e5	2.754e4	1.746e4	1.58	NO	4.500e4	190.33	190.33	0.537
18	PCB-82	40.47	40.46	1.813e4	1.503e4	1.374e3	1.186e3	1.16	YES	2.559e3	0.00000	15.833	0.887
19	PCB-124	41.17	41.17	1.205e4	4.868e3	1.116e3	4.154e2	2.69	YES	1.531e3	0.00000	4.1774	0.496
20	PCB-107/109	41.32	41.34	2.232e4	1.155e4	1.852e3	1.070e3	1.73	NO	2.922e3	11.950	11.950	0.516
21	PCB-123	41.49	41.49	3.880e3	2.425e3	2.674e2	1.789e2	1.49	NO	4.463e2	2.0441	2.0441	0.578
22	PCB-106/118	41.69	41.67	2.873e5	1.752e5	2.334e4	1.358e4	1.72	NO	3.692e4	154.99	154.99	0.545

4th Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.35	42.35	6.494e3	3.791e3	6.041e2	4.010e2	1.51	NO	1.005e3	3.7719	3.7719	0.902
2	PCB-122	42.50	42.50	3.917e3	2.521e3	3.024e2	1.983e2	1.53	NO	5.007e2	2.2708	2.2708	1.09
3	PCB-105	43.24	43.24	1.182e5	7.127e4	9.612e3	6.056e3	1.59	NO	1.567e4	61.265	61.265	0.955

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3rd Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.34	38.34	1.497e3	6.480e2	1.155e2	4.692e1	2.46	YES	1.624e2	0.00000	0.66261	0.315
2	PCB-136	39.63	39.62	4.429e4	3.639e4	3.228e3	2.753e3	1.17	NO	5.981e3	40.012	40.012	0.334
3	PCB-154	40.24	40.24	4.386e3	6.391e3	3.754e2	4.681e2	0.80	YES	8.435e2	0.00000	5.0408	0.371
4	PCB-151	40.91	40.89	5.853e4	4.559e4	4.612e3	3.706e3	1.24	NO	8.318e3	72.228	72.228	0.434
5	PCB-135	41.13	41.13	3.046e4	2.901e4	2.441e3	2.224e3	1.10	NO	4.664e3	34.543	34.543	0.370
6	PCB-144	41.23	41.22	1.124e4	9.914e3	7.828e2	6.864e2	1.14	NO	1.469e3	12.720	12.720	0.432
7	PCB-147	41.38	41.37	6.400e3	5.473e3	5.662e2	3.530e2	1.60	YES	9.192e2	0.00000	6.4720	0.409
8	PCB-139/149	41.64	41.63	2.176e5	1.516e5	1.676e4	1.264e4	1.33	NO	2.941e4	211.91	211.91	0.360

4th Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.29	42.31	1.334e4	1.189e4	1.172e3	8.757e2	1.34	NO	2.048e3	13.323	13.323	1.04
2	PCB-131/133	42.59	42.60	1.223e4	9.222e3	9.676e2	6.976e2	1.39	NO	1.665e3	10.017	10.017	0.964
3	PCB-146/165	42.97	42.99	7.132e4	5.701e4	5.608e3	4.346e3	1.29	NO	9.954e3	48.345	48.345	0.778
4	PCB-132/161	43.22	43.28	1.001e5	8.700e4	7.803e3	6.689e3	1.17	NO	1.449e4	69.865	69.865	0.772
5	PCB-153	43.41	43.41	4.322e5	3.313e5	3.385e4	2.568e4	1.32	NO	5.953e4	274.57	274.57	0.739
6	PCB-141	44.17	44.17	6.483e4	4.913e4	5.164e3	3.872e3	1.33	NO	9.035e3	52.674	52.674	0.930
7	PCB-137	44.56	44.57	1.008e4	8.148e3	8.895e2	5.704e2	1.56	YES	1.460e3	0.00000	6.8872	0.860
8	PCB-130	44.68	44.68	2.320e4	1.643e4	1.614e3	1.332e3	1.21	NO	2.946e3	19.914	19.914	1.08
9	PCB-138/163/164	45.06	45.06	3.720e5	3.060e5	3.449e4	2.822e4	1.22	NO	6.271e4	278.03	278.03	0.706
10	PCB-158/160	45.30	45.29	4.122e4	3.267e4	3.329e3	2.528e3	1.32	NO	5.857e3	26.877	26.877	0.731
11	PCB-129	45.55	45.57	6.857e3	6.607e3	5.701e2	5.114e2	1.11	NO	1.081e3	7.1010	7.1010	1.05
12	PCB-128/162	46.68	46.65	4.273e4	3.635e4	3.569e3	2.864e3	1.25	NO	6.433e3	33.146	33.146	0.845
13	PCB-167	47.07	47.07	1.773e4	1.235e4	1.354e3	9.612e2	1.41	NO	2.316e3	9.7447	9.7447	0.688
14	PCB-156	48.39	48.41	3.781e4	3.178e4	3.062e3	2.464e3	1.24	NO	5.526e3	23.784	23.784	0.725
15	PCB-157	48.68	48.68	6.385e3	6.787e3	4.576e2	5.782e2	0.79	YES	1.036e3	0.00000	3.7893	0.757

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Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-179	44.31	44.30	6.084e4	5.715e4	4.756e3	4.740e3	1.00	NO	9.496e3	43.848	43.848	0.475
2	PCB-176	44.77	44.78	1.792e4	1.739e4	1.367e3	1.303e3	1.05	NO	2.670e3	12.228	12.228	0.471
3	PCB-178	45.91	45.91	2.054e4	2.363e4	1.683e3	1.925e3	0.87	YES	3.608e3	0.00000	20.880	0.653
4	PCB-175	46.27	46.27	4.306e3	4.604e3	3.290e2	3.664e2	0.90	NO	6.954e2	4.3585	4.3585	0.644
5	PCB-182/187	46.48	46.44	1.383e5	1.424e5	1.101e4	1.135e4	0.97	NO	2.236e4	125.70	125.70	0.578
6	PCB-183	46.78	46.78	6.470e4	6.136e4	4.910e3	4.786e3	1.03	NO	9.696e3	56.821	56.821	0.602
7	PCB-185	47.44	47.46	1.334e4	1.083e4	9.955e2	8.927e2	1.12	NO	1.888e3	11.674	11.674	0.671
8	PCB-174	47.84	47.82	1.050e5	9.806e4	8.509e3	8.109e3	1.05	NO	1.662e4	106.69	106.69	0.697
9	PCB-181	47.94	47.92	3.383e3	3.477e3	7.963e1	1.287e2	0.62	YES	2.084e2	0.00000	0.91630	0.640
10	PCB-177	48.11	48.11	5.163e4	5.300e4	3.962e3	4.351e3	0.91	NO	8.313e3	56.539	56.539	0.739
11	PCB-171	48.41	48.41	2.566e4	2.522e4	2.032e3	1.972e3	1.03	NO	4.004e3	26.436	26.436	0.717
12	PCB-173	48.84	48.87	1.515e3	2.751e3	1.012e2	1.745e2	0.58	YES	2.757e2	0.00000	1.4431	0.793
13	PCB-172	49.32	49.30	1.334e4	1.509e4	1.121e3	1.192e3	0.94	NO	2.313e3	14.616	14.616	0.686
14	PCB-180	49.72	49.72	2.191e5	2.072e5	1.811e4	1.719e4	1.05	NO	3.530e4	217.32	217.32	0.668
15	PCB-193	49.94	49.93	1.566e4	1.362e4	1.253e3	1.223e3	1.02	NO	2.476e3	12.834	12.834	0.563
16	PCB-191	50.21	50.21	5.180e3	4.498e3	4.319e2	4.443e2	0.97	NO	8.762e2	4.4528	4.4528	0.552
17	PCB-170	51.41	51.40	8.027e4	7.478e4	6.474e3	6.061e3	1.07	NO	1.253e4	89.288	89.288	0.771
18	PCB-190	51.62	51.60	2.714e4	2.392e4	1.921e3	1.829e3	1.05	NO	3.751e3	20.219	20.219	0.584
19	PCB-189	53.11	53.09	6.078e3	5.021e3	4.538e2	3.815e2	1.19	NO	8.352e2	4.2766	4.2766	0.457

4th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.64	48.62	1.144e4	1.181e4	9.541e2	1.018e3	0.94	NO	1.972e3	11.433	11.433	0.635
2	PCB-201	49.13	49.13	7.988e3	7.083e3	5.889e2	5.892e2	1.00	NO	1.178e3	7.5782	7.5782	0.705
3	PCB-197	49.60	49.59	2.593e3	1.827e3	1.971e2	1.380e2	1.43	YES	3.351e2	0.00000	1.5599	0.655
4	PCB-200	50.54	50.53	6.419e3	6.006e3	5.701e2	5.410e2	1.05	YES	1.111e3	0.00000	6.4694	0.693
5	PCB-198	52.08	52.09	3.808e3	2.881e3	2.187e2	1.712e2	1.28	YES	3.900e2	0.00000	2.7605	0.935
6	PCB-199	52.22	52.22	4.804e4	5.142e4	3.451e3	3.896e3	0.89	NO	7.347e3	61.485	61.485	0.917
7	PCB-196/203	52.52	52.52	5.705e4	5.544e4	4.036e3	4.130e3	0.98	NO	8.166e3	65.980	65.980	0.885

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5th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-195	53.82	53.80	2.387e4	2.633e4	1.382e3	1.535e3	0.90	NO	2.917e3	21.193	21.193	0.781
2	PCB-194	54.72	54.72	7.071e4	7.900e4	3.968e3	4.431e3	0.90	NO	8.399e3	57.112	57.112	0.731
3	PCB-205	55.00	55.00	4.083e3	5.211e3	2.547e2	2.898e2	0.88	NO	5.445e2	3.2045	3.2045	0.632

Total Nona-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-208	53.96	53.96	1.802e4	1.408e4	1.058e3	8.770e2	1.21	NO	1.935e3	12.623	12.623	0.576
2	PCB-207	54.30	54.30	6.752e3	4.458e3	3.987e2	2.615e2	1.52	NO	6.602e2	4.3856	4.3856	0.586
3	PCB-206	56.26	56.26	3.553e4	2.763e4	2.044e3	1.662e3	1.23	NO	3.706e3	34.491	34.491	0.788

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.49	57.50	4.173e4	3.484e4	2.141e3	1.896e3	1.13	NO	4.036e3	40.365	40.365	0.316

Total PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1													

Total Mono-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.54	15.54	1.682e7	5.047e6	1.023e6	3.226e5	3.17	NO	1.346e6	3388.5		4.45
2	13C-PCB-3	18.19	18.19	1.678e7	5.026e6	1.089e6	3.232e5	3.37	NO	1.413e6	3489.0		4.36

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Total Di-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.56	19.55	9.528e6	5.925e6	6.086e5	3.775e5	1.61	NO	9.862e5	3698.2		1.85
2	13C-PCB-9	21.39	21.38	1.579e7	1.032e7	9.841e5	6.282e5	1.57	NO	1.612e6	3741.4		1.15
3	13C-PCB-11	24.84	24.86	1.164e7	7.356e6	1.017e6	6.432e5	1.58	NO	1.660e6	3885.2		1.16
4	13C-PCB-15	25.54	25.56	1.871e7	1.170e7	1.108e6	7.111e5	1.56	NO	1.819e6	4093.3		1.11

2nd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.80	23.78	5.993e6	6.101e6	4.017e5	3.962e5	1.01	NO	7.979e5	3598.3		20.3
2	13C-PCB-32	26.79	26.78	9.400e6	8.828e6	6.165e5	5.795e5	1.06	NO	1.196e6	3616.3		13.6

3rd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.69	28.68	1.160e7	1.117e7	8.824e5	8.436e5	1.05	NO	1.726e6	4093.3		17.7
2	13C-PCB-28	28.77	28.79	1.036e7	9.768e6	7.919e5	7.436e5	1.06	NO	1.535e6	3421.4		16.6
3	13C-PCB-37	32.77	32.78	8.835e6	8.827e6	7.087e5	6.964e5	1.02	NO	1.405e6	3368.7		17.9

Tetra-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.63	27.64	6.056e6	7.941e6	4.564e5	5.933e5	0.77	NO	1.050e6	3345.1		2.94
2	13C-PCB-52	31.26	31.29	4.808e6	6.060e6	3.679e5	4.641e5	0.79	NO	8.320e5	3294.6		3.65
3	13C-PCB-47	31.78	31.81	5.135e6	6.749e6	3.932e5	5.123e5	0.77	NO	9.055e5	3363.6		3.43
4	13C-PCB-70	35.43	35.42	5.951e6	7.557e6	4.790e5	5.948e5	0.81	NO	1.074e6	3434.2		2.95
5	13C-PCB-80	35.87	35.87	6.231e6	7.963e6	4.861e5	6.143e5	0.79	NO	1.100e6	3408.5		2.86
6	13C-PCB-60	36.71	36.70	7.384e6	9.177e6	5.793e5	7.060e5	0.82	NO	1.285e6	4093.3		2.94
7	13C-PCB-79	37.80	37.80	6.598e6	8.493e6	5.216e5	6.618e5	0.79	NO	1.183e6	3525.8		2.75
8	13C-PCB-81	39.06	39.07	6.001e6	7.542e6	4.778e5	6.025e5	0.79	NO	1.080e6	3482.4		2.97
9	13C-PCB-77	39.67	39.68	5.762e6	7.187e6	4.663e5	5.743e5	0.81	NO	1.041e6	3421.2		3.03

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3rd Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.48	6.424e6	3.997e6	4.808e5	3.031e5	1.59	NO	7.839e5	3272.1		1.37
2	13C-PCB-95	35.74	35.74	5.036e6	3.118e6	3.796e5	2.370e5	1.60	NO	6.166e5	3248.8		1.73
3	13C-PCB-101	37.49	37.48	5.076e6	3.280e6	3.902e5	2.495e5	1.56	NO	6.397e5	3424.3		1.76
4	13C-PCB-97	38.83	38.82	4.515e6	2.621e6	3.493e5	2.060e5	1.70	NO	5.553e5	3383.1		2.00
5	13C-PCB-111	39.27	39.27	7.602e6	4.907e6	5.893e5	3.756e5	1.57	NO	9.648e5	4093.3		1.39
6	13C-PCB-123	41.47	41.47	5.979e6	3.716e6	4.601e5	2.859e5	1.61	NO	7.460e5	3392.8		1.49
7	13C-PCB-118	41.66	41.65	6.241e6	3.877e6	4.941e5	3.055e5	1.62	NO	7.996e5	3441.8		1.41

4th Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.33	42.33	7.618e6	4.665e6	5.906e5	3.653e5	1.62	NO	9.558e5	3450.6		1.94
2	13C-PCB-105	43.22	43.22	7.770e6	4.897e6	6.122e5	3.841e5	1.59	NO	9.963e5	3537.8		1.91
3	13C-PCB-127	43.56	43.56	7.990e6	5.033e6	6.427e5	4.078e5	1.58	NO	1.050e6	3610.0		1.84
4	13C-PCB-126	45.54	45.53	7.167e6	4.564e6	5.834e5	3.713e5	1.57	NO	9.548e5	3400.1		1.91

4th Function Hexa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.39	43.39	5.989e6	4.708e6	4.653e5	3.638e5	1.28	NO	8.290e5	3391.7		3.17
2	13C-PCB-141	44.15	44.15	4.925e6	3.889e6	3.812e5	3.028e5	1.26	NO	6.839e5	3386.0		3.84
3	13C-PCB-138	45.02	45.02	5.172e6	4.107e6	3.994e5	3.199e5	1.25	NO	7.193e5	3390.2		3.65
4	13C-PCB-159	46.34	46.35	6.165e6	4.888e6	4.904e5	3.849e5	1.27	NO	8.754e5	3395.7		3.01
5	13C-PCB-128	46.64	46.63	5.216e6	4.088e6	4.119e5	3.211e5	1.28	NO	7.331e5	4093.3		4.33
6	13C-PCB-167	47.05	47.05	6.173e6	4.984e6	4.897e5	3.877e5	1.26	NO	8.774e5	3401.8		3.01
7	13C-PCB-156	48.37	48.37	5.819e6	4.569e6	4.754e5	3.693e5	1.29	NO	8.447e5	3376.6		3.10
8	13C-PCB-157	48.66	48.66	6.038e6	4.809e6	4.835e5	3.765e5	1.28	NO	8.601e5	3437.6		3.10
9	13C-PCB-169	50.93	50.93	5.663e6	4.312e6	4.666e5	3.578e5	1.30	NO	8.244e5	3457.9		3.25

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-9.qld

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Printed: Friday, October 02, 2020 10:04:56 Pacific Daylight Time

ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

5th Function Octa-Isotopes

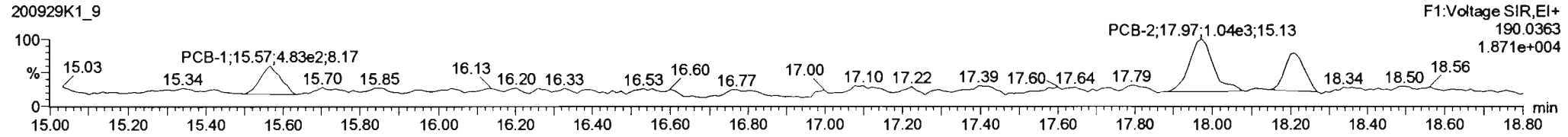
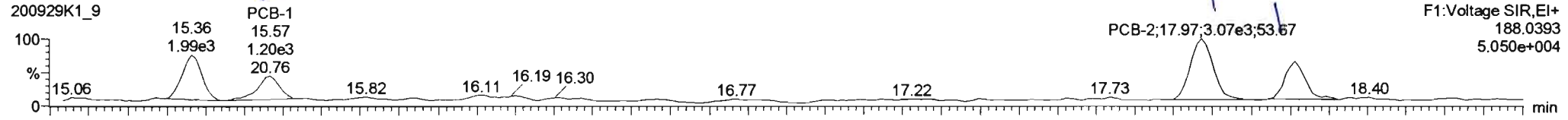
	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.71	4.673e6	5.093e6	2.571e5	2.823e5	0.91	NO	5.394e5	3209.1		4.93
2	13C-PCB-205	54.99	54.99	7.906e6	8.553e6	4.261e5	4.697e5	0.91	NO	8.959e5	4093.3		3.79

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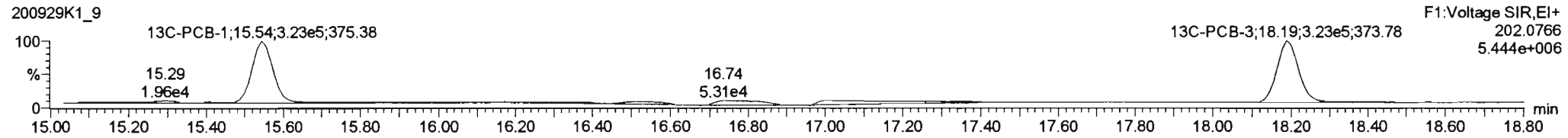
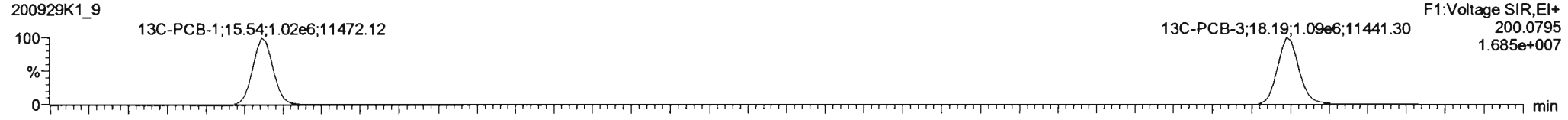
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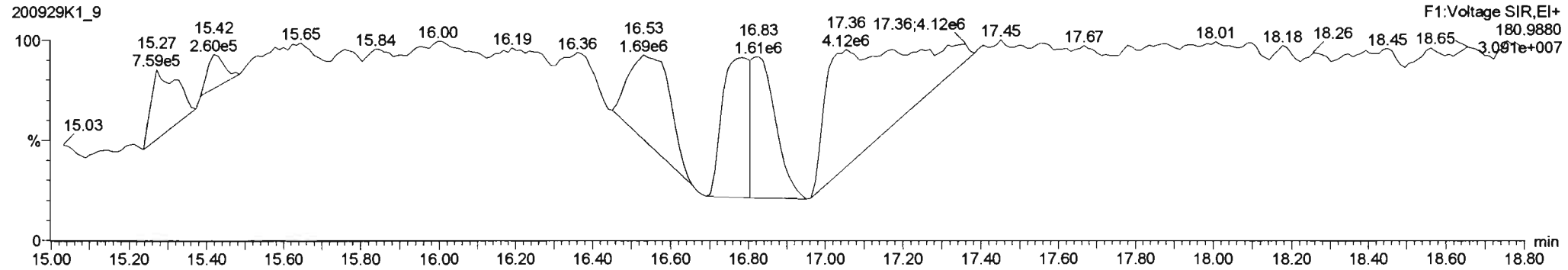
PCB-1



13C-PCB-1



PFK1

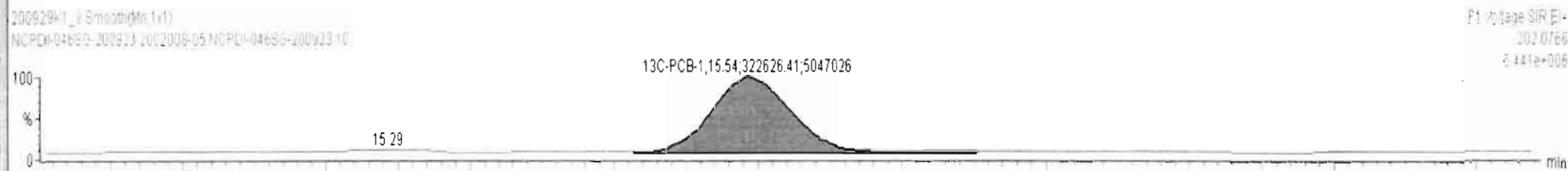
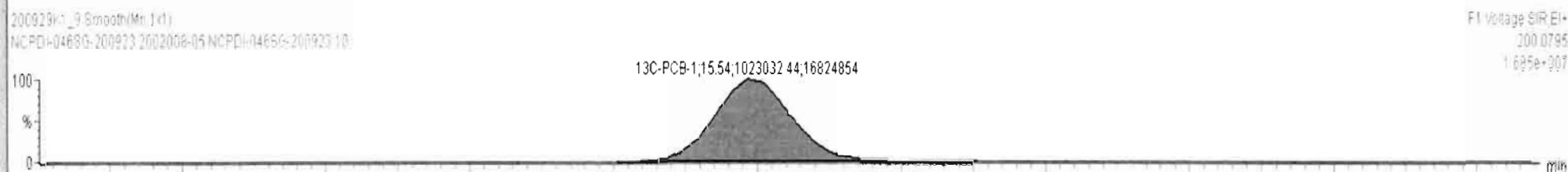
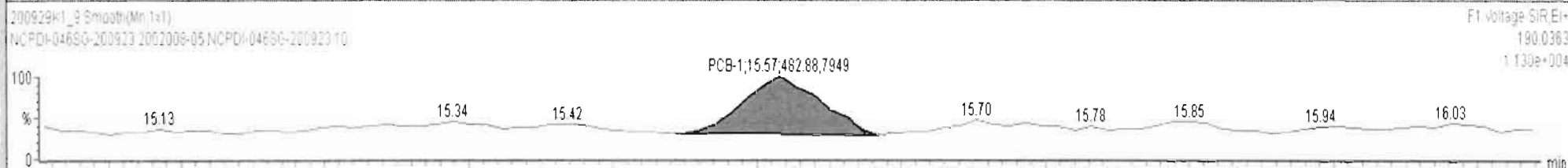
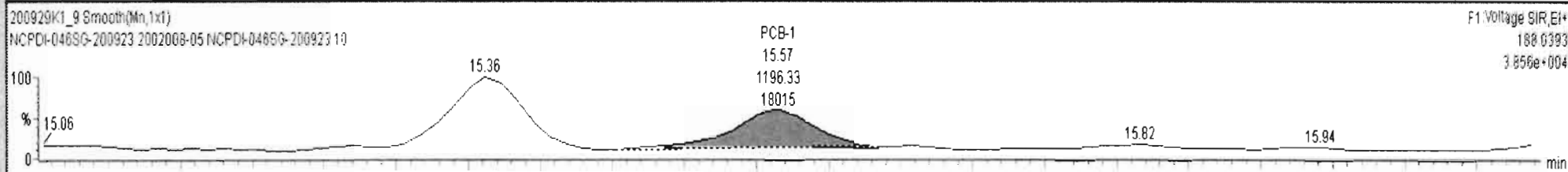




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	225 Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	0.0000		25.4	74.91
226	226 2nd Function Tri-PCBs				1.0807	2.443	0.00		0.000		NO	69.21		4.21	71.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-1	15.55	15.57	1.196e3	4.829e2	3.130	2.48	YES	4.1100	0.00000
2	2 PCB-2	17.98	17.97	3.068e3	1.044e3	3.130	2.94	NO	10.073	10.073
3	3 PCB-3	18.20	18.21	1.749e3	6.228e2	3.130	2.81	NO	5.9852	5.9852

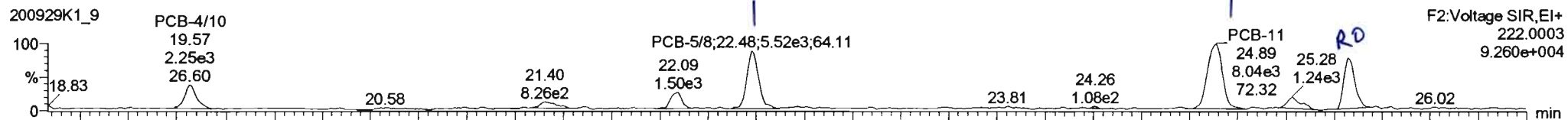


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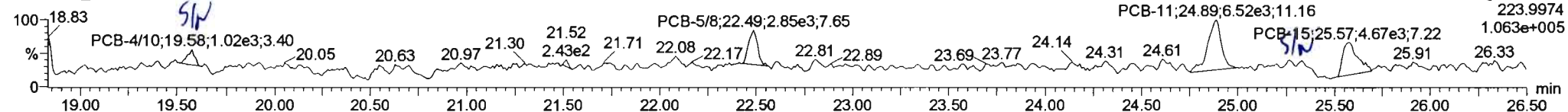
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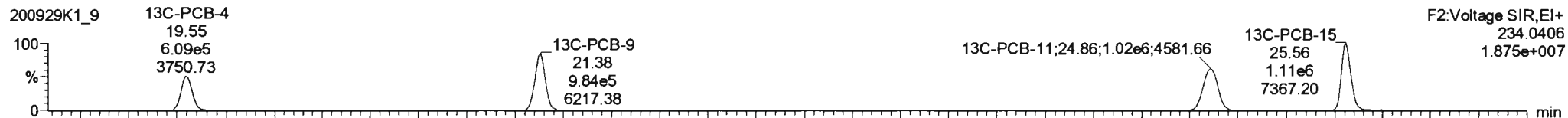
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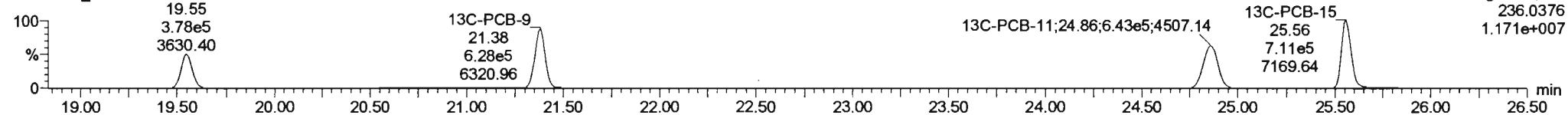
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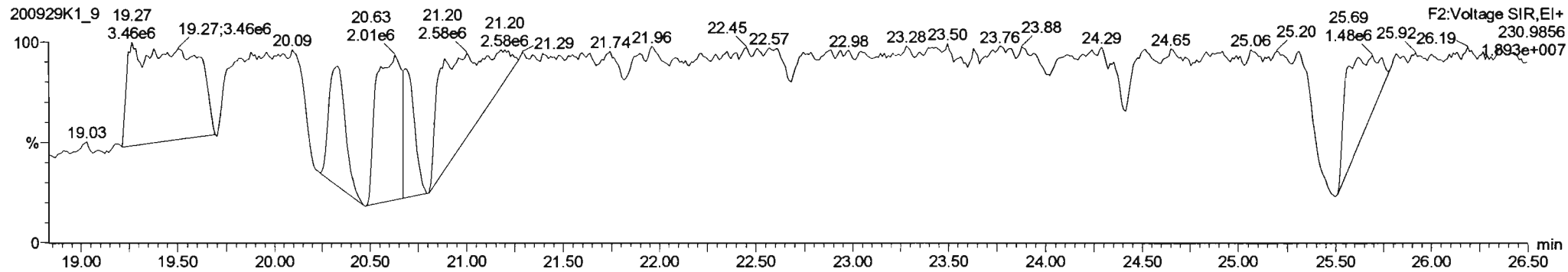
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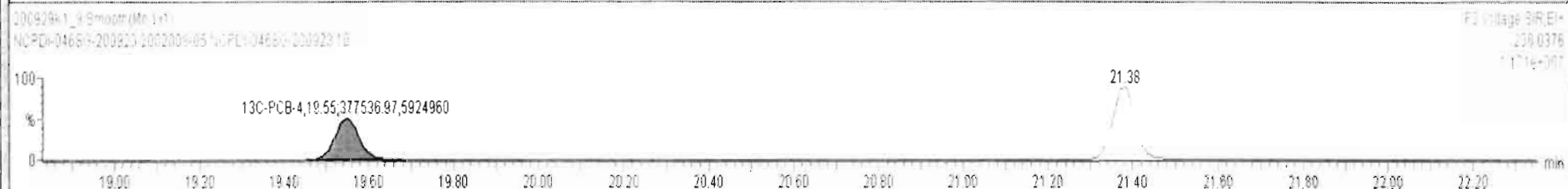
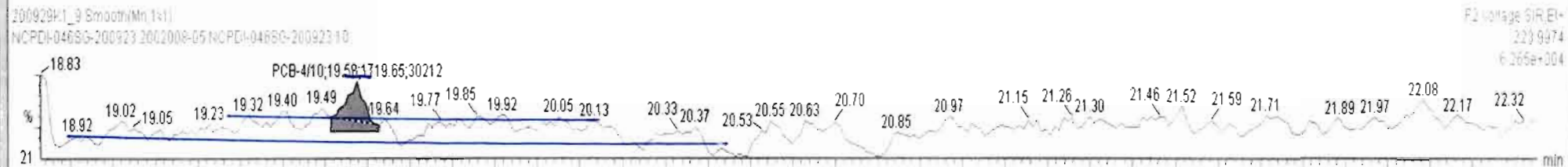
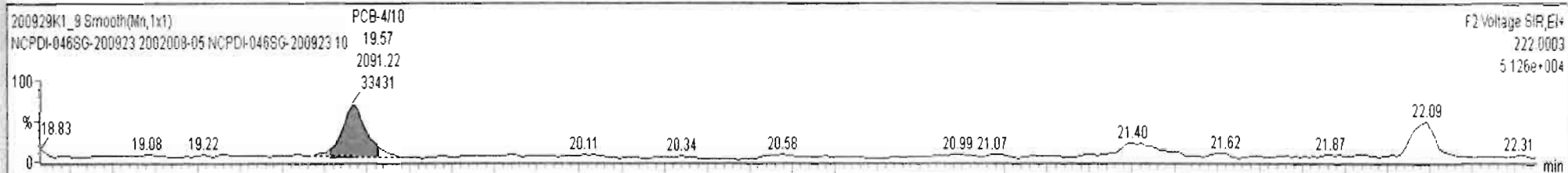
PFK2a

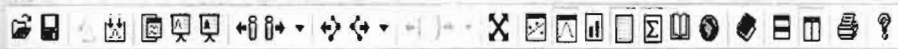


200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	225 Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	0.0000		25.4	77.61
226	226 2nd Function Tri-PCBs				1.0807	2.443	0.00		0.000		NO	69.21		4.21	71.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4/10	19.63	19.57	2.091e3	1.720e3	1.560	1.22	YES	11.413	0.00000
2	7 PCB-5/8	22.50	22.48	5.524e3	2.854e3	1.560	1.94	YES	18.688	0.00000
3	9 PCB-11	24.88	24.89	8.040e3	6.515e3	1.560	1.23	YES	28.876	0.00000
4	11 PCB-15	25.60	25.57	4.766e3	4.665e3	1.560	1.02	YES	18.632	0.00000

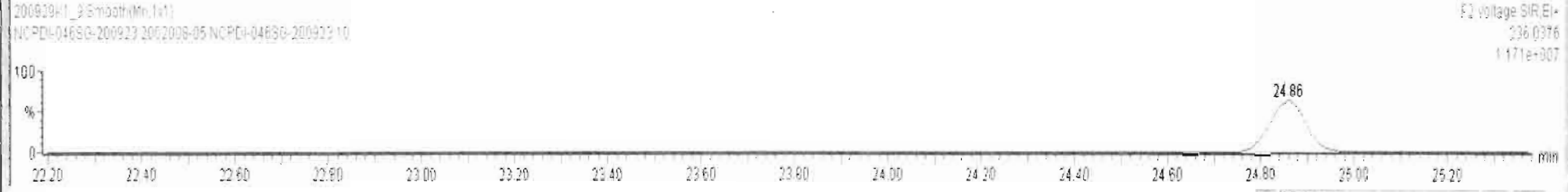
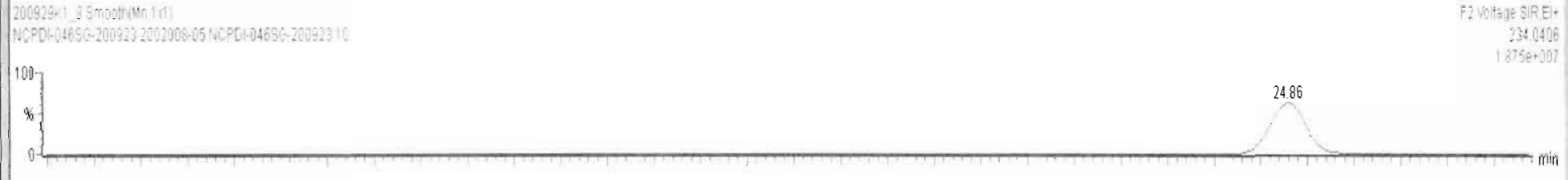
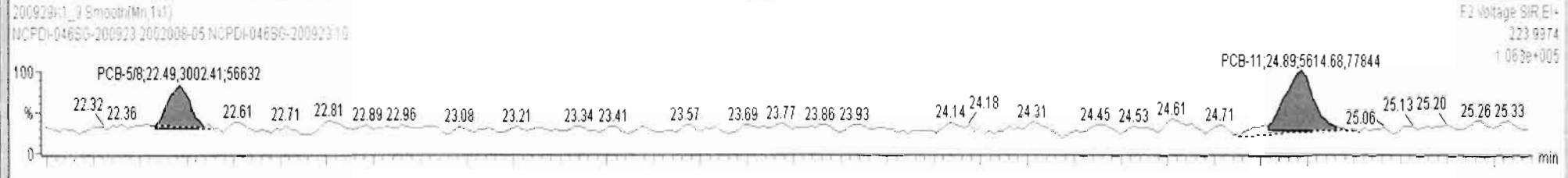
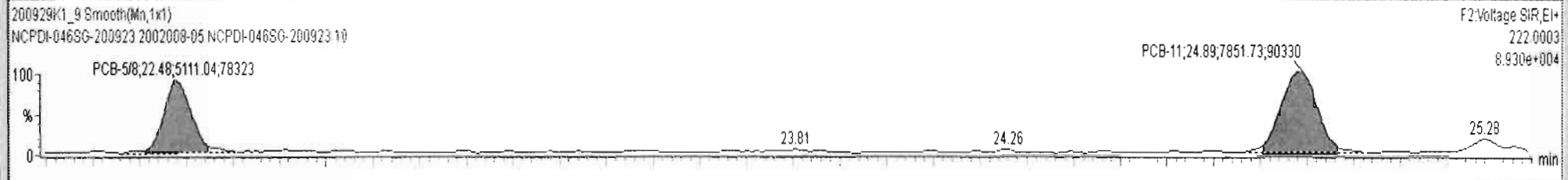


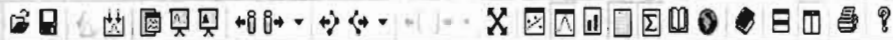


200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	225 Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	50.23		25.4	69.54
226	226 2nd Fundinng Tri-PCBs				1.0807	2.443	0.00		0.000		NO	69.21		4.21	71.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	7 PCB-5/8	22.50	22.48	5.111e3	3.002e3	1.560	1.70	NO	20.754	20.754
2	9 PCB-11	24.86	24.89	7.852e3	5.615e3	1.560	1.40	NO	29.473	29.473
3	11 PCB-15	25.60	25.57	4.939e3	4.725e3	1.560	1.05	YES	19.308	0.00000

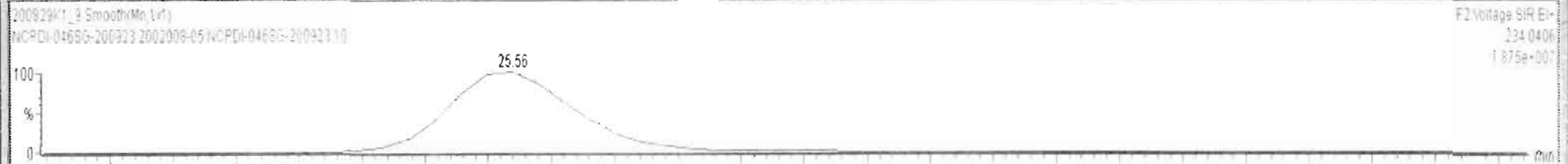
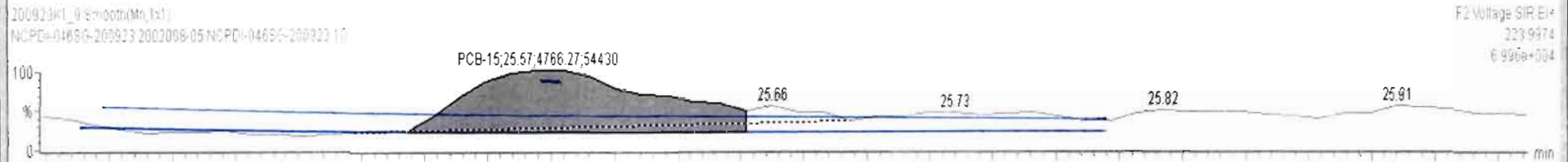
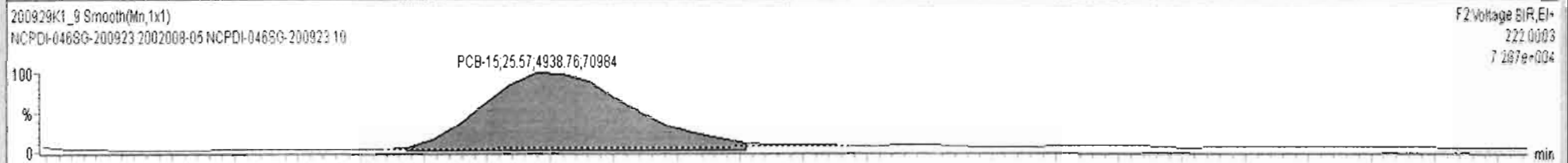




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	225 Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	50.23		25.4	69.54
226	226 2nd Function Tri-PCBs				1.0907	2.443	0.00		0.000		NO	69.21		4.21	71.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	7 PCB-5/6	22.50	22.48	5.111e3	3.002e3	1.560	1.70	NO	20.754	20.754
2	9 PCB-11	24.88	24.89	7.852e3	5.615e3	1.560	1.40	NO	29.473	29.473
3	11 PCB-15	25.60	25.57	4.939e3	4.766e3	1.560	1.04	YES	19.308	0.00000

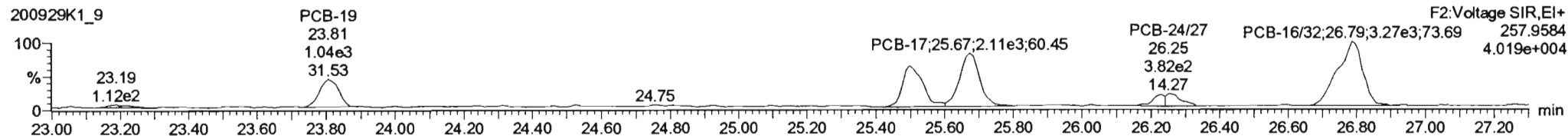
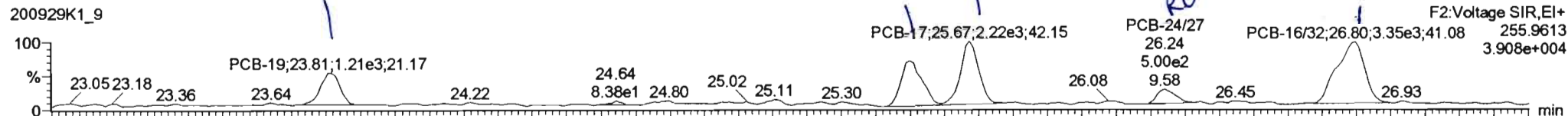


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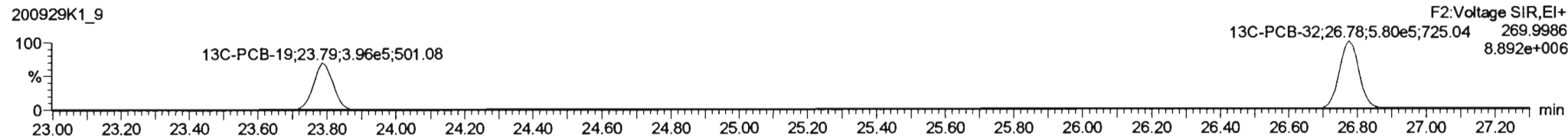
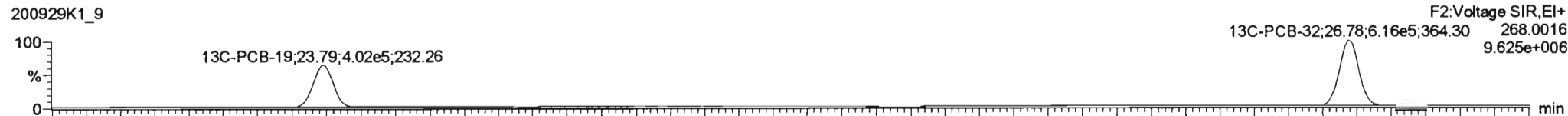
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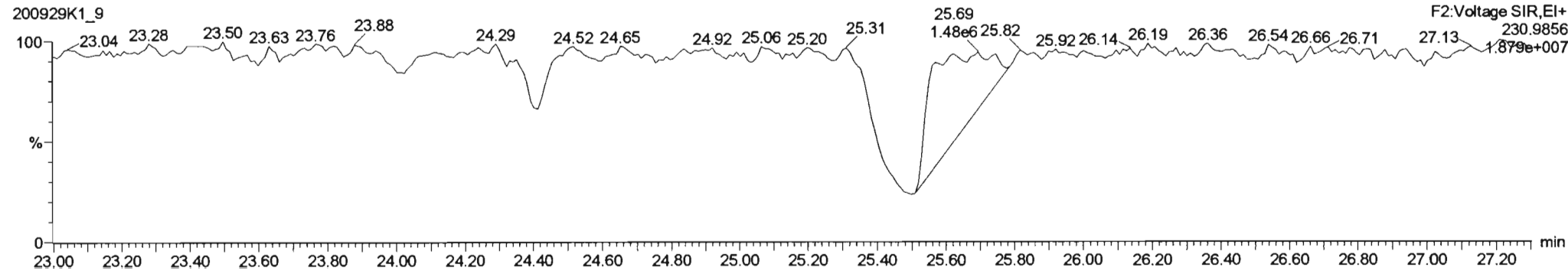
PCB-19



13C-PCB-19



PFK2b

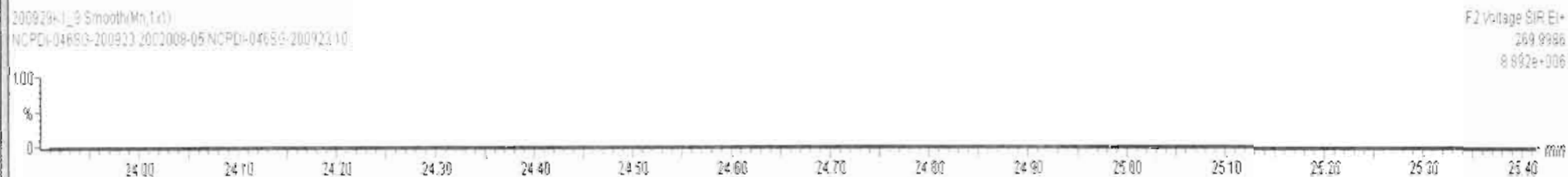
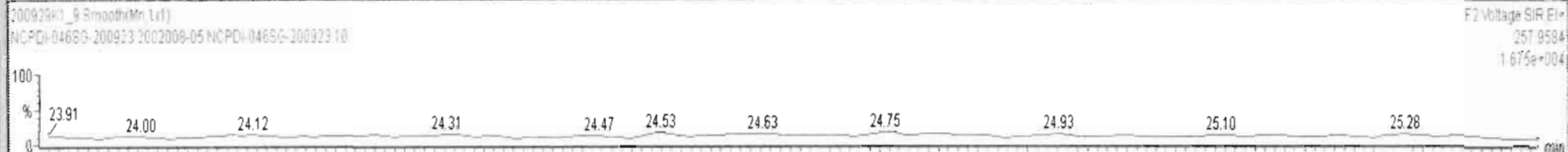
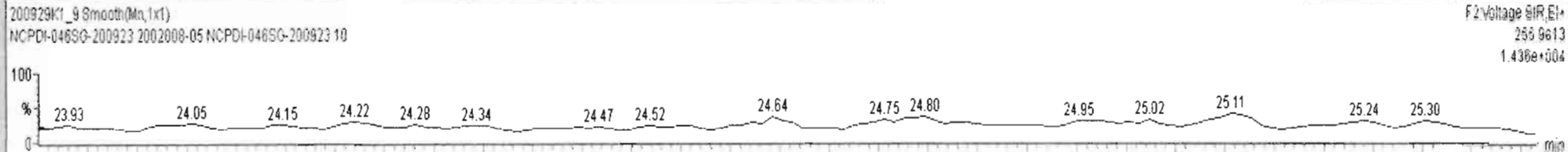




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	50.23		25.4	69.54
226	2nd Function Tri-PCBs				1.0807	2.443	0.00		0.000		NO	69.21		4.21	71.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.82	23.81	1.205e3	1.035e3	1.040	1.16	NO	10.389	10.389
2	14 PCB-18	25.49	25.50	1.871e3	1.666e3	1.040	1.12	NO	14.804	14.804
3	15 PCB-17	25.68	25.67	2.222e3	2.114e3	1.040	1.05	NO	19.563	19.563
4	16 PCB-24/27	26.27	26.24	4.999e2	3.817e2	1.040	1.31	YES	2.4628	0.00000
5	17 PCB-16/32	26.80	26.80	3.346e3	3.266e3	1.040	1.02	NO	24.452	24.452

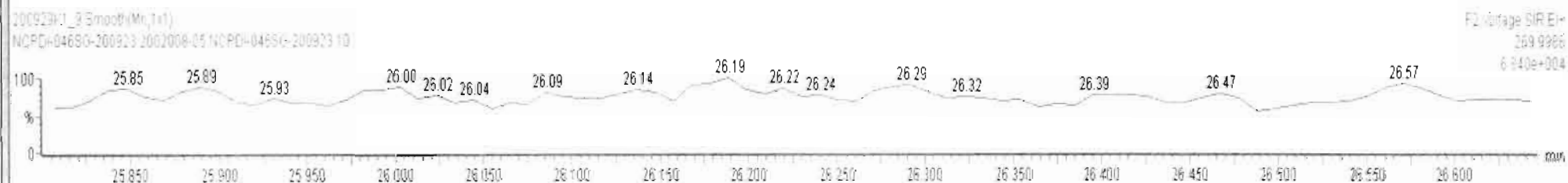
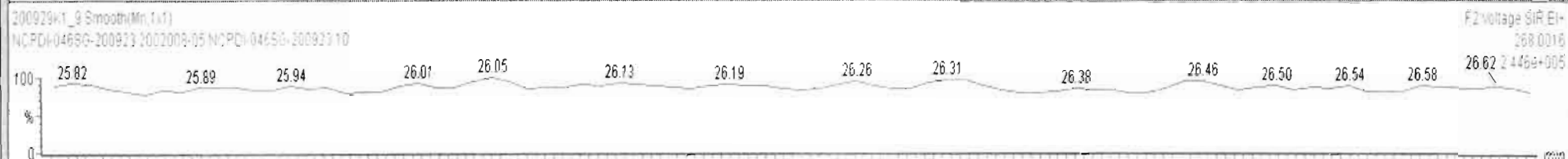
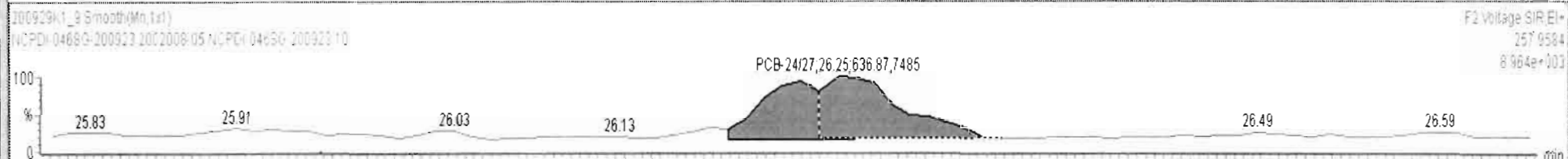
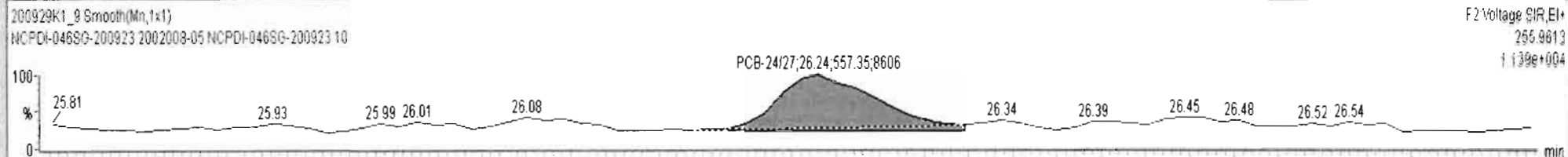




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	2.443	0.00		0.000		NO	16.06		1.76	20.17
225	225 Total Di-PCBs				1.0537	2.443	0.00		0.000		NO	50.23		25.4	69.54
226	226 2nd Function Tri-PCBs				1.0807	2.443	0.00		0.000		NO	69.21		4.21	72.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.82	23.81	1.205e3	1.035e3	1.040	1.16	NO	10.389	10.389
2	14 PCB-18	25.49	25.50	1.871e3	1.666e3	1.040	1.12	NO	14.804	14.804
3	15 PCB-17	25.68	25.67	2.222e3	2.114e3	1.040	1.05	NO	19.563	19.563
4	16 PCB-24/27	26.27	26.24	5.573e2	6.369e2	1.040	0.88	YES	3.4579	0.00000
5	17 PCB-16/32	26.80	26.80	3.346e3	3.266e3	1.040	1.02	NO	24.452	24.452

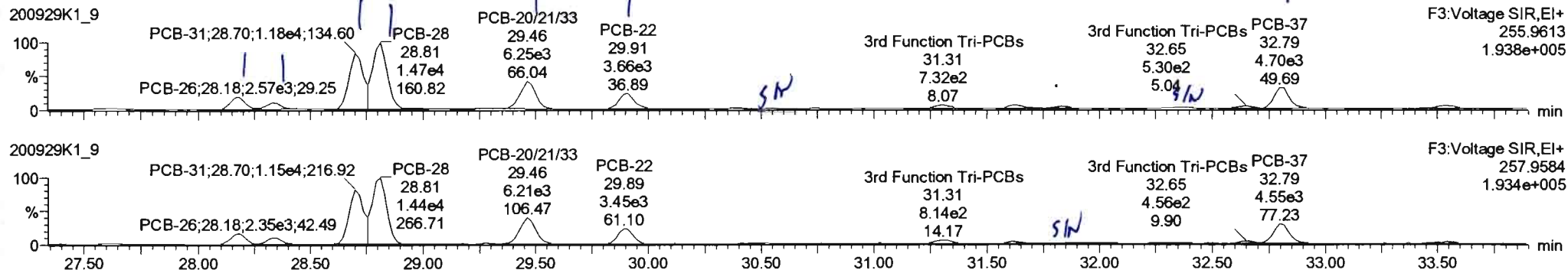


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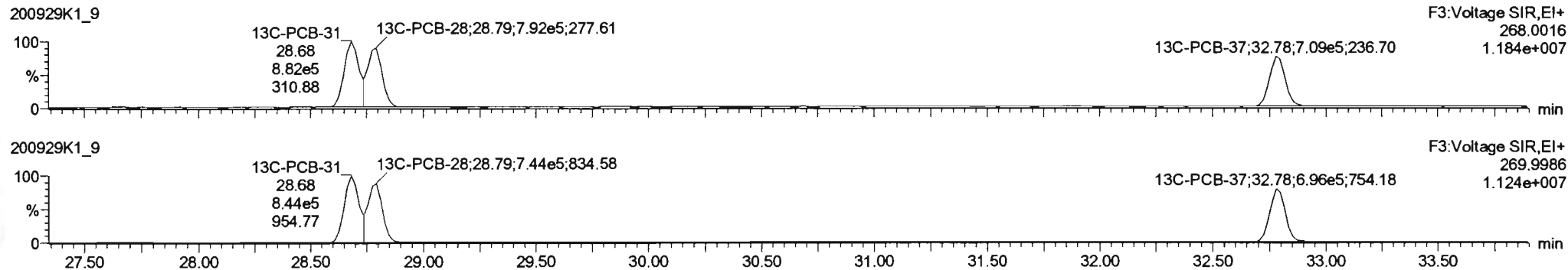
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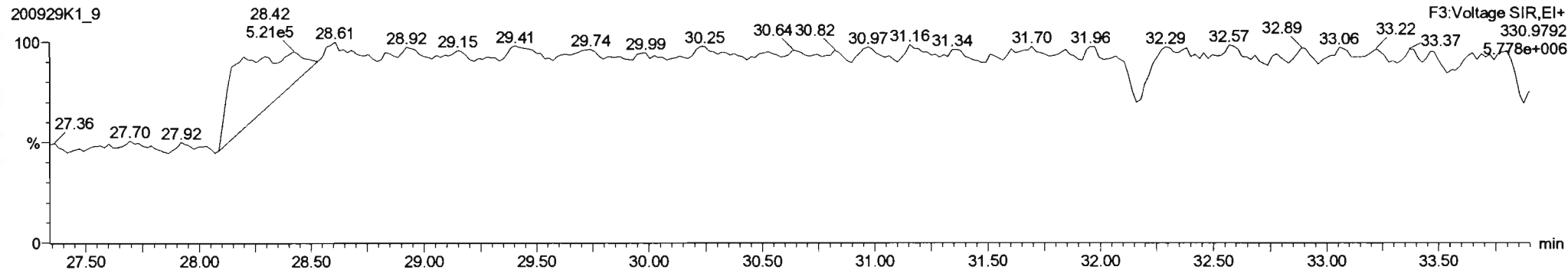
PCB-34



13C-PCB-28



PFK3d

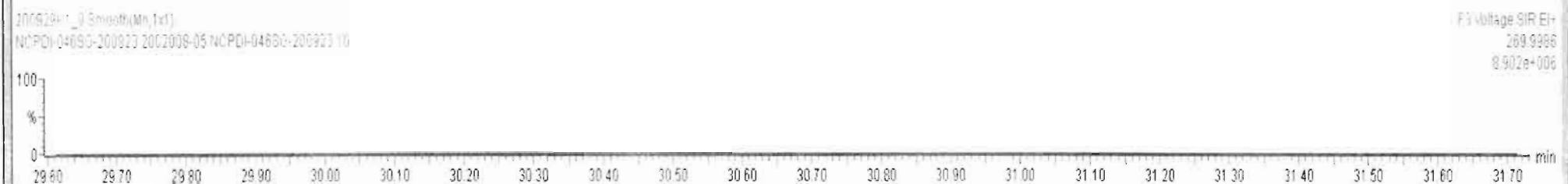
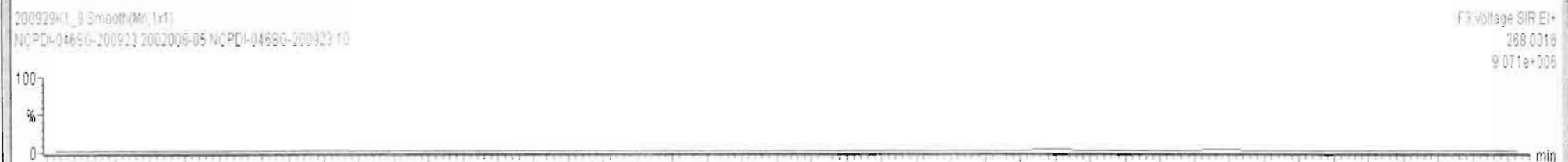
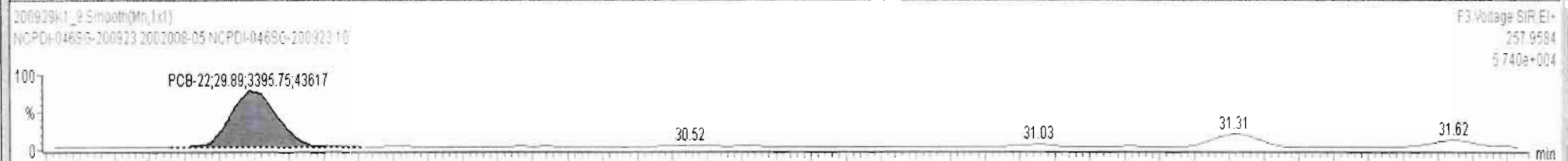
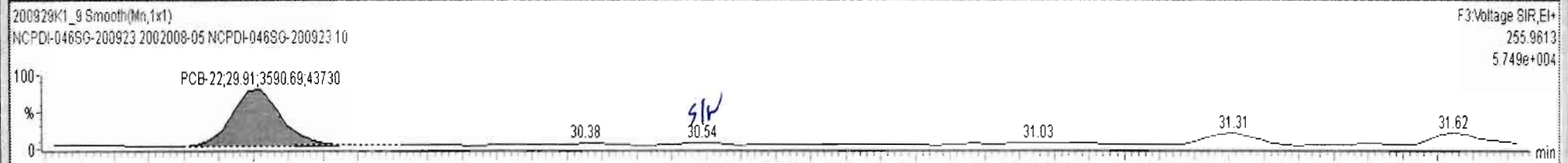




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.5		11.6	239.5
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	878.6		20.2	895.9
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
2	PCB-25	28.34	28.33	1.361e3	1.480e3	1.040	0.92	NO	7.9729	7.9729
3	PCB-31	28.71	28.70	1.177e4	1.150e4	1.040	1.02	NO	59.874	59.874
4	PCB-26	28.81	28.81	1.466e4	1.438e4	1.040	1.02	NO	75.513	75.513
5	PCB-20/21/33	29.45	29.46	6.248e3	6.206e3	1.040	1.01	NO	35.269	35.269
6	PCB-22	29.91	29.91	3.591e3	3.396e3	1.040	1.06	NO	19.145	19.145

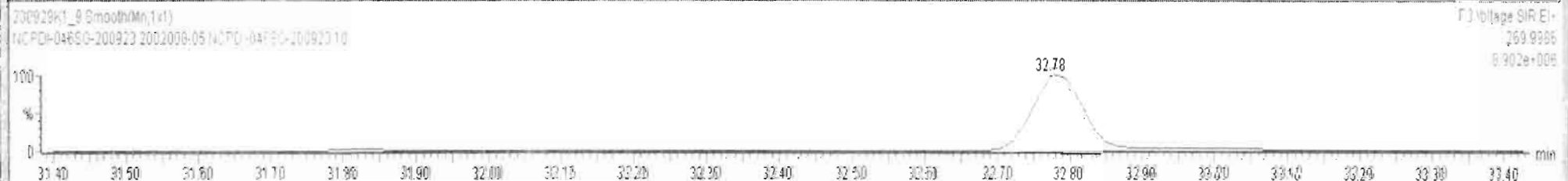
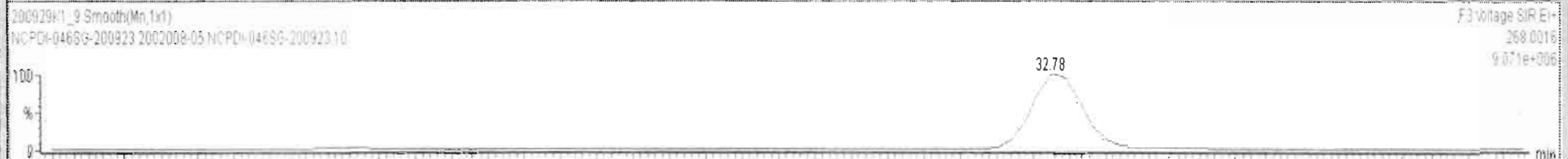
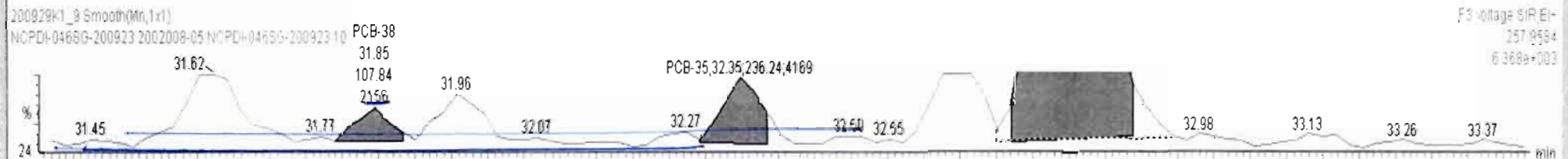
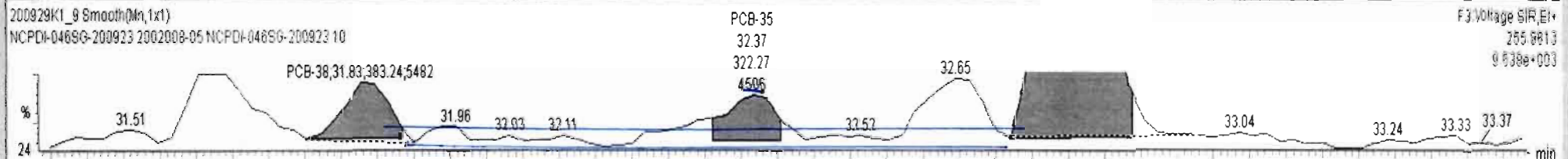


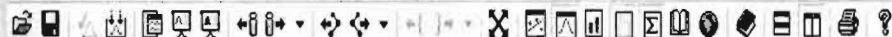


200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	239.8
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	878.6		20.2	895.9
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	21 PCB-26	28.17	28.18	2.572e3	2.348e3	1.040	1.10	NO	13.894	13.894
2	22 PCB-25	28.34	28.33	1.361e3	1.480e3	1.040	0.92	NO	7.9729	7.9729
3	23 PCB-31	28.71	28.70	1.177e4	1.150e4	1.040	1.02	NO	59.874	59.874
4	24 PCB-28	28.81	28.81	1.466e4	1.438e4	1.040	1.02	NO	75.513	75.513
5	25 PCB-20/21/33	29.45	29.46	6.246e3	6.206e3	1.040	1.01	NO	35.269	35.269

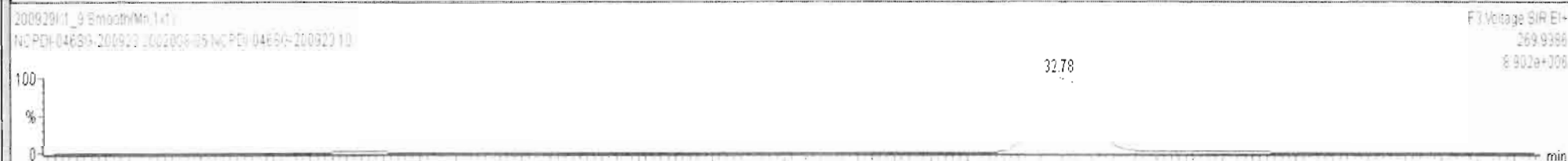
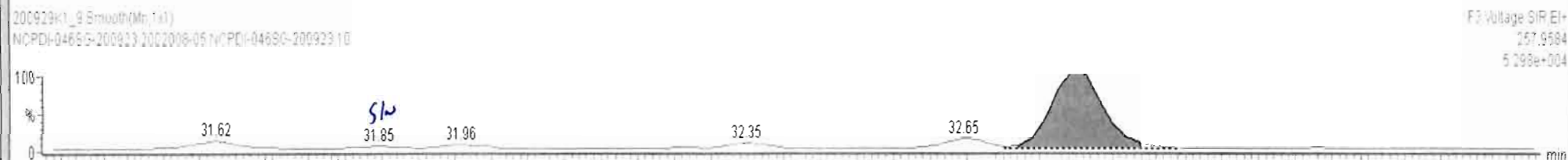
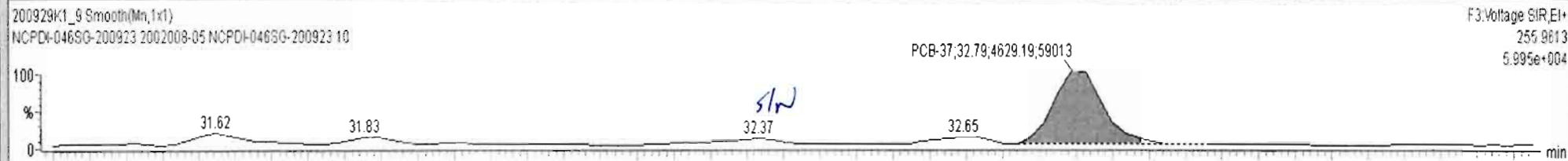




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	878.6		20.2	895.9
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1065

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
3	23 PCB-31	28.71	28.70	1.177e4	1.150e4	1.040	1.02	NO	59.874	59.874
4	24 PCB-28	28.81	28.81	1.466e4	1.438e4	1.040	1.02	NO	75.513	75.513
5	25 PCB-20/21/33	29.45	29.46	6.248e3	6.206e3	1.040	1.01	NO	35.269	35.269
6	26 PCB-22	29.91	29.91	3.591e3	3.396e3	1.040	1.06	NO	19.145	19.145
7	31 PCB-37	32.80	32.79	4.629e3	4.440e3	1.040	1.04	NO	26.184	26.184



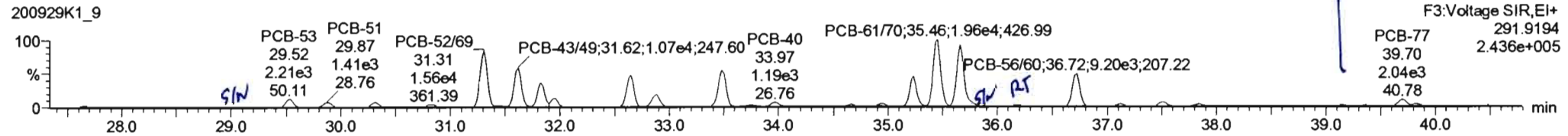
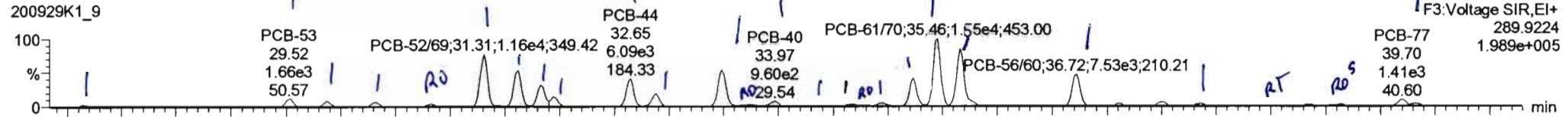
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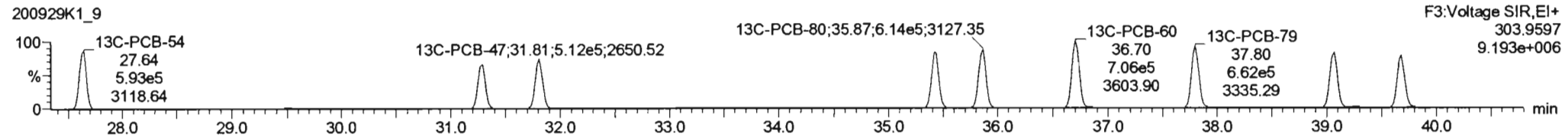
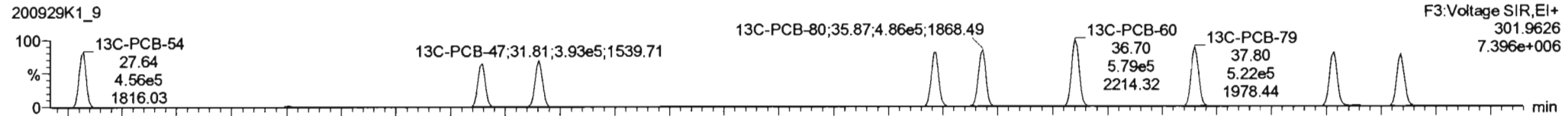
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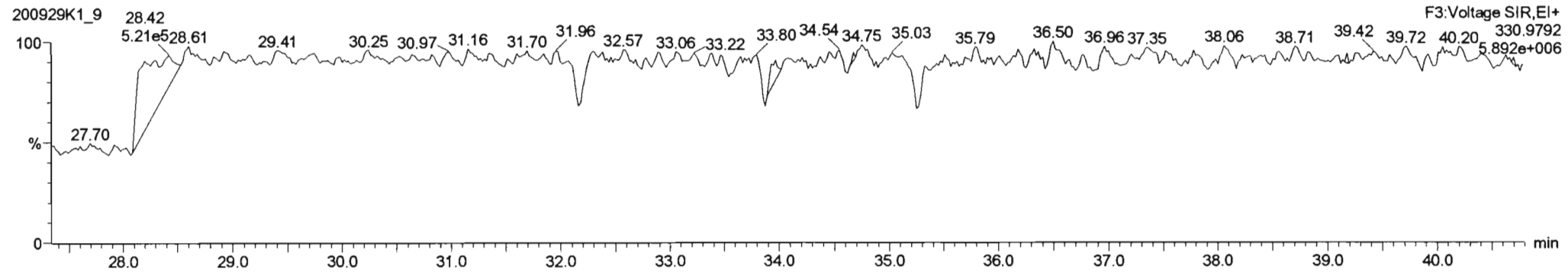
PCB-54



13C-PCB-54



PFK3a



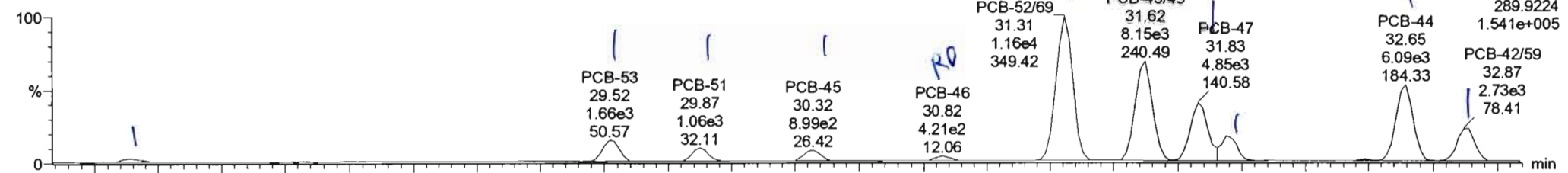
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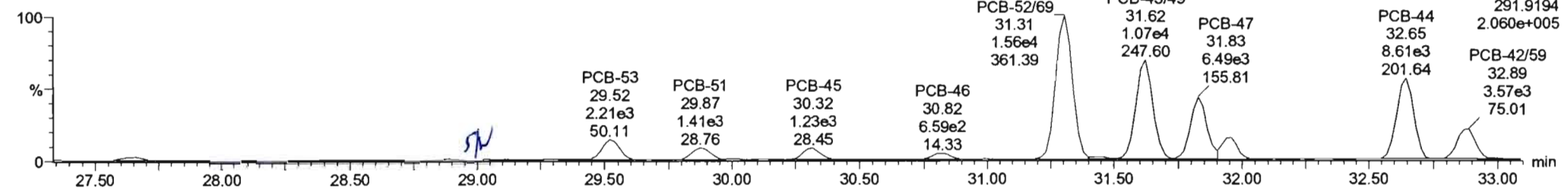
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PCB-50

200929K1_9

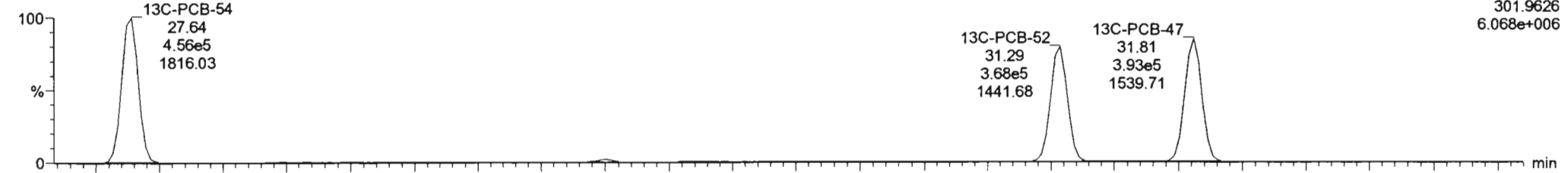


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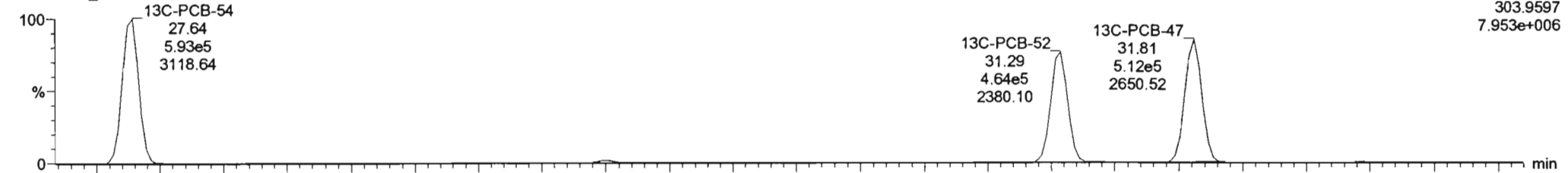


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200929K1_9



200929K1_9

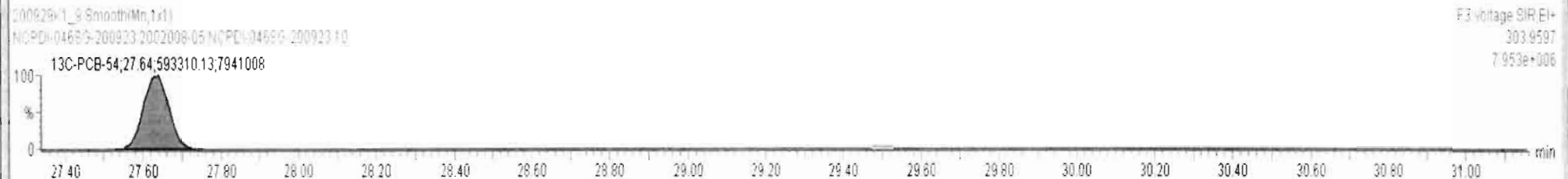
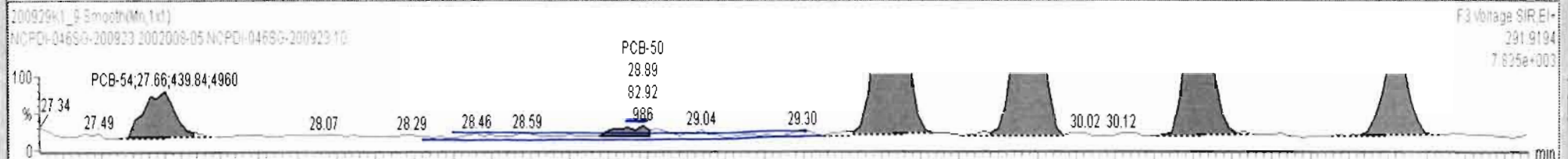
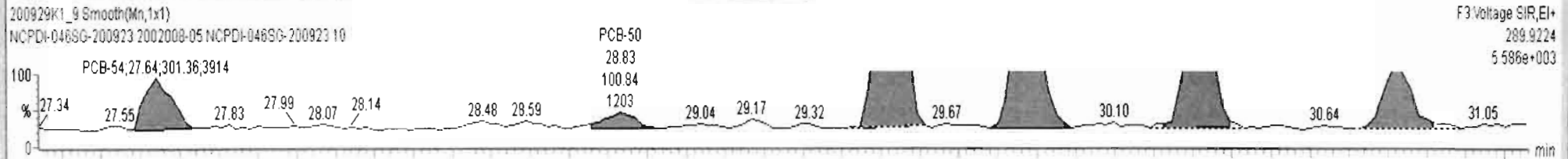




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	880.9		20.2	896.1
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.66	27.64	3.014e2	4.398e2	0.770	0.69	NO	2.6766	2.6766
2	33 PCB-50	28.86	28.83	1.008e2	8.292e1	0.770	1.22	YES	0.65067	0.00000
3	34 PCB-53	29.54	29.52	1.661e3	2.190e3	0.770	0.76	NO	19.008	19.008
4	35 PCB-51	29.90	29.87	1.064e3	1.392e3	0.770	0.76	NO	11.344	11.344
5	36 PCB-45	30.34	30.32	8.738e2	1.218e3	0.770	0.72	NO	11.991	11.991
6	37 PCB-46	30.85	30.82	4.069e2	6.462e2	0.770	0.63	YES	5.5293	0.00000

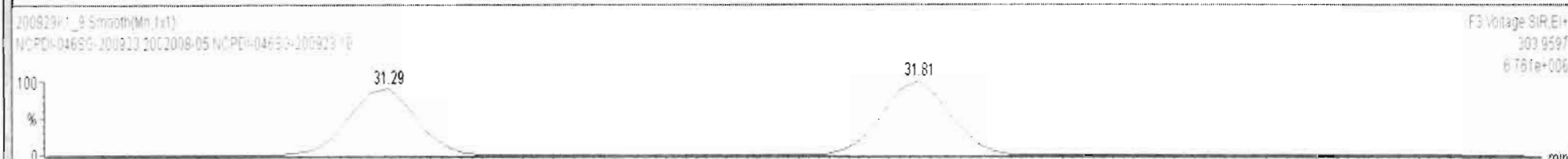
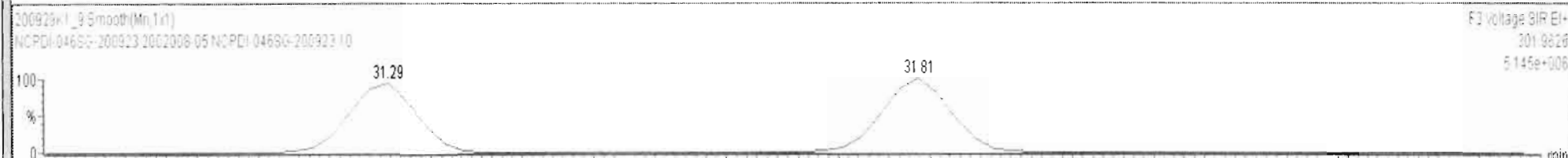
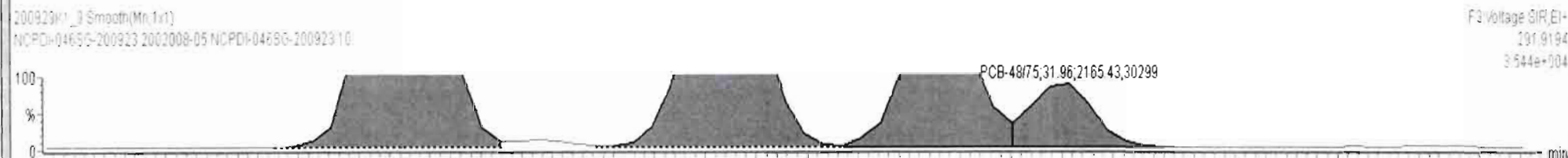
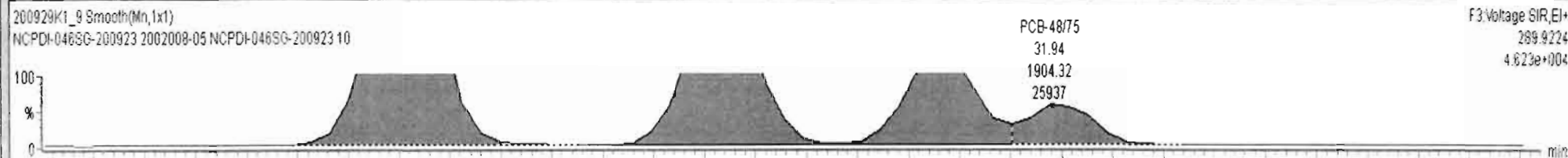




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9628	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	880.6		20.2	895.1
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
4	36 PCB-45	30.34	30.32	8.738e2	1.218e3	0.770	0.72	NO	11.991	11.991
5	37 PCB-46	30.85	30.82	4.069e2	6.462e2	0.770	0.63	YES	5.5393	0.00000
6	38 PCB-5269	31.33	31.31	1.158e4	1.560e4	0.770	0.74	NO	114.62	114.62
7	40 PCB-4349	31.61	31.62	8.148e3	1.072e4	0.770	0.76	NO	91.365	91.365
8	41 PCB-47	31.83	31.83	4.845e3	6.491e3	0.770	0.75	NO	55.587	55.587
9	42 PCB-4875	31.94	31.94	1.904e3	2.165e3	0.770	0.68	NO	16.423	16.423



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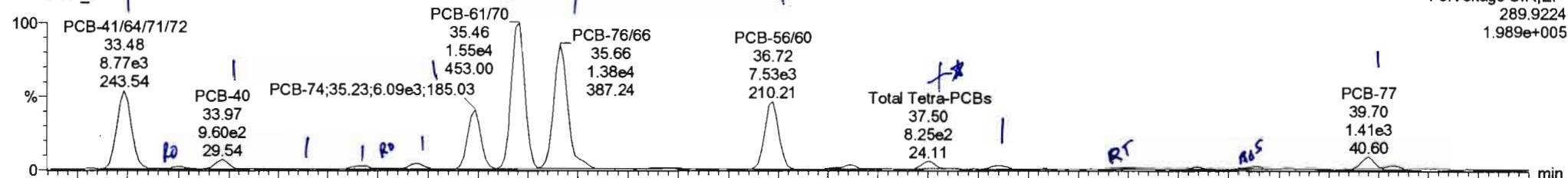
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**by 10-01-2020*

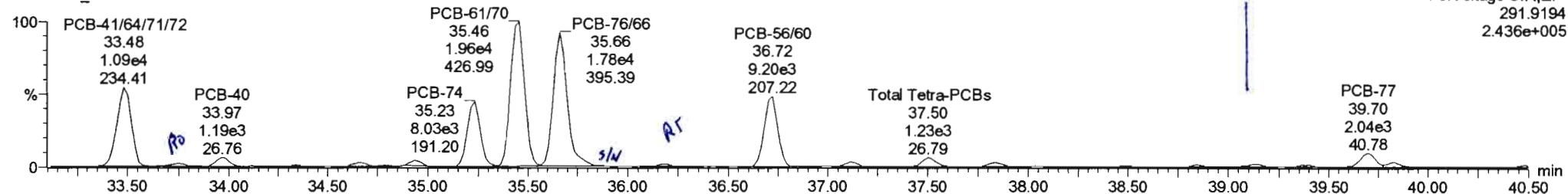
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PCB-68

200929K1_9

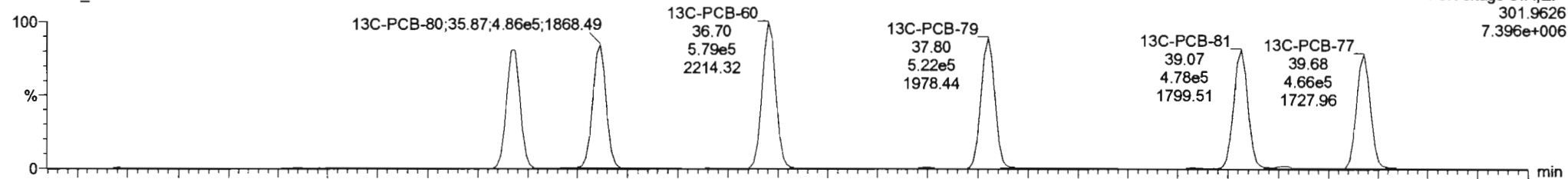


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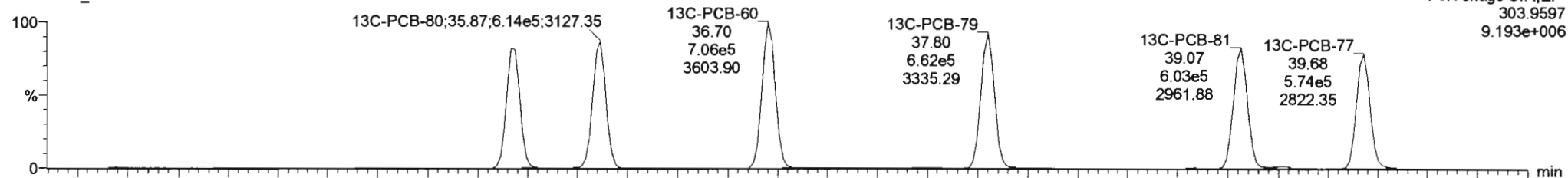


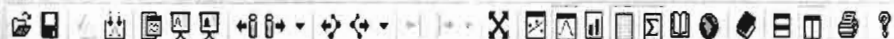
13C-PCB-60

200929K1_9



200929K1_9

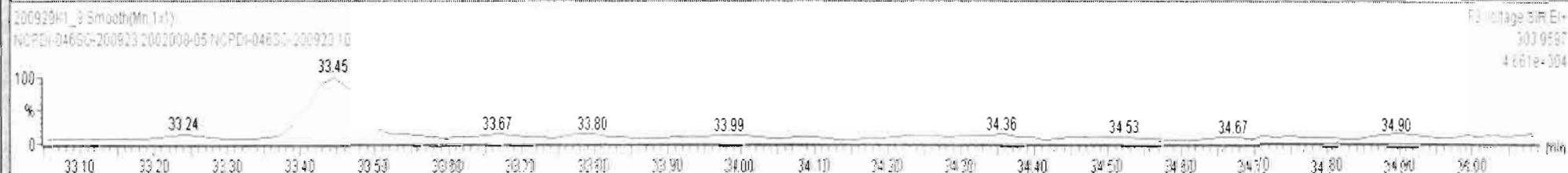
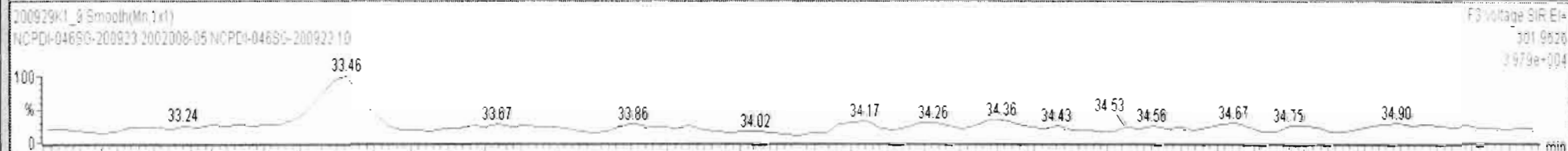
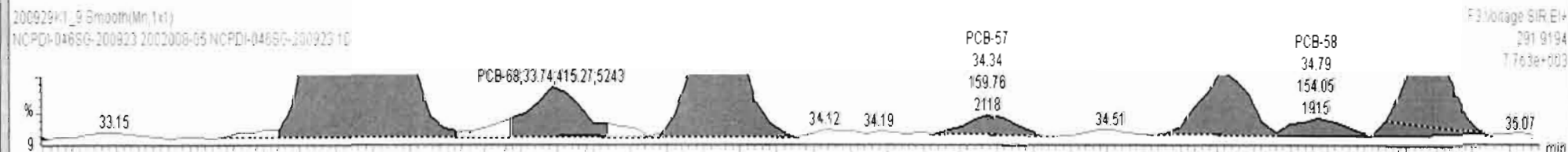
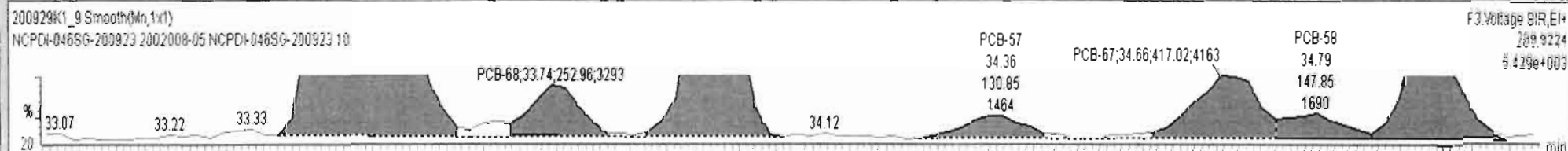




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	885.9		20.2	885.4
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
12	PCB-41,64,71,72	33.50	33.48	8.767e3	1.086e4	0.770	0.81	NO	74.712	74.712
13	PCB-68	33.77	33.74	2.530e2	4.153e2	0.770	0.61	YES	2.0570	0.00000
14	PCB-40	33.98	33.97	9.556e2	1.192e3	0.770	0.80	NO	16.126	16.126
15	PCB-57	34.32	34.36	1.308e2	1.598e2	0.770	0.82	NO	0.95260	0.95260
16	PCB-67	34.64	34.66	4.170e2	5.026e2	0.770	0.83	NO	3.2337	3.2337
17	PCB-58	34.75	34.79	1.478e2	1.541e2	0.770	0.96	YES	0.86330	0.00000
18	PCB-63	34.92	34.94	6.012e2	7.297e2	0.770	0.82	NO	4.7329	4.7329

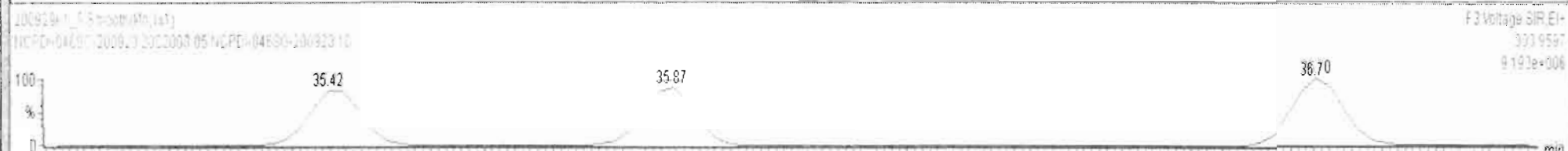
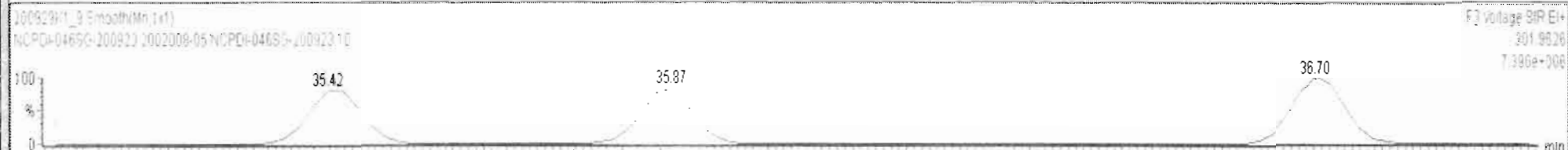
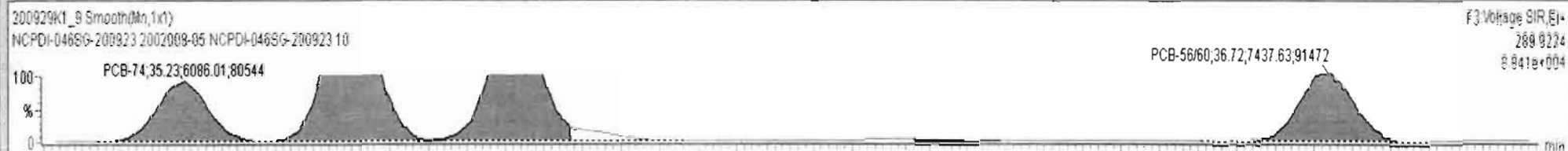




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	880.3		20.2	888.7
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.66	27.64	3.014e2	4.396e2	0.770	0.69	NO	2.6766	2.6766
2	34 PCB-53	29.54	29.52	1.661e3	2.190e3	0.770	0.76	NO	19.008	19.008
3	35 PCB-51	29.90	29.87	1.064e3	1.392e3	0.770	0.76	NO	11.344	11.344
4	36 PCB-45	30.34	30.32	8.738e2	1.218e3	0.770	0.72	NO	11.991	11.991
5	37 PCB-46	30.85	30.82	4.069e2	6.462e2	0.770	0.63	YES	5.5393	0.00000
6	38 PCB-52/69	31.33	31.31	1.158e4	1.560e4	0.770	0.74	NO	114.62	114.62
7	40 PCB-43/49	31.61	31.62	8.148e3	1.072e4	0.770	0.76	NO	91.365	91.365

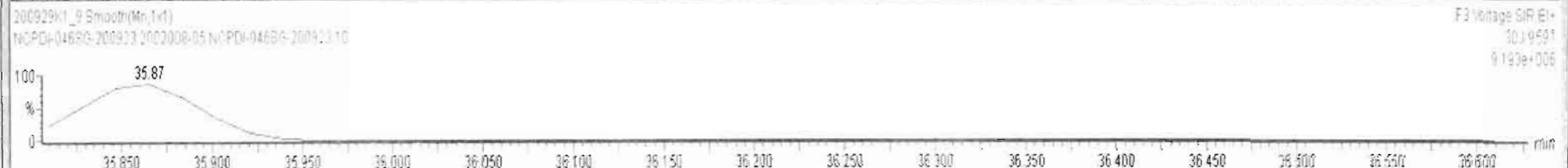
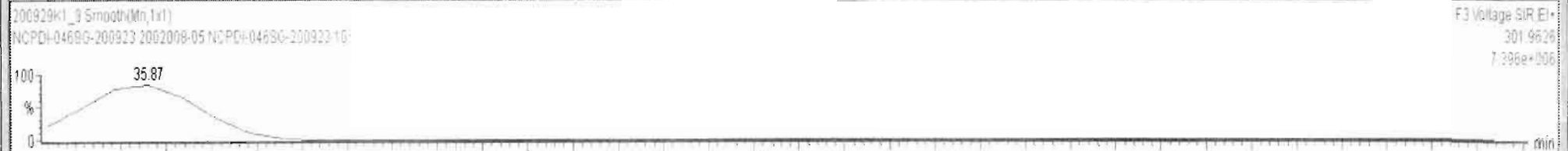
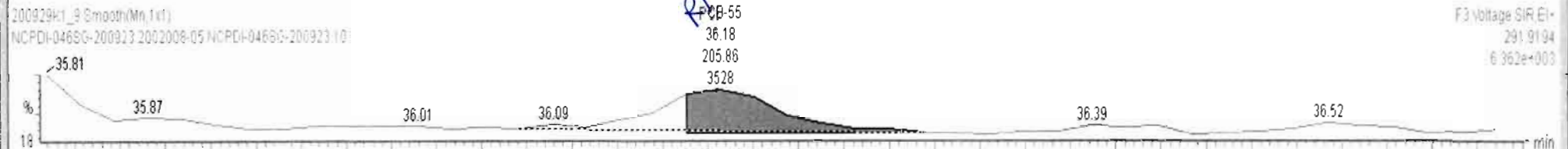
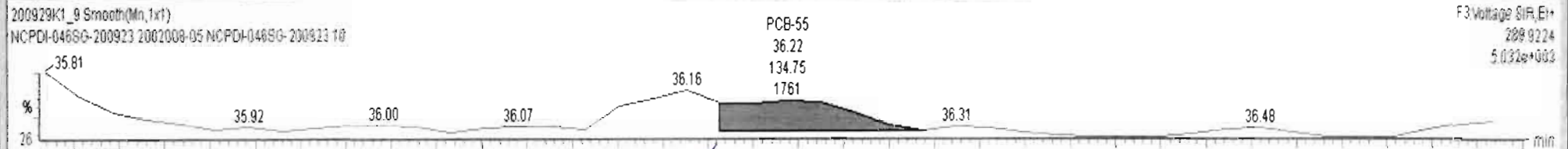




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	880.3		20.2	888.7
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.66	27.64	3.014e2	4.398e2	0.770	0.69	NO	2.6766	2.6766
2	34 PCB-53	29.54	29.52	1.661e3	2.190e3	0.770	0.76	NO	19.008	19.008
3	35 PCB-51	29.90	29.87	1.064e3	1.392e3	0.770	0.76	NO	11.344	11.344
4	36 PCB-45	30.34	30.32	8.738e2	1.218e3	0.770	0.72	NO	11.991	11.991
5	37 PCB-46	30.85	30.82	4.069e2	6.462e2	0.770	0.63	YES	5.5393	0.00000
6	38 PCB-52/69	31.33	31.31	1.158e4	1.560e4	0.770	0.74	NO	114.62	114.62
7	40 PCB-43/49	31.61	31.62	8.148e3	1.072e4	0.770	0.76	NO	91.365	91.365

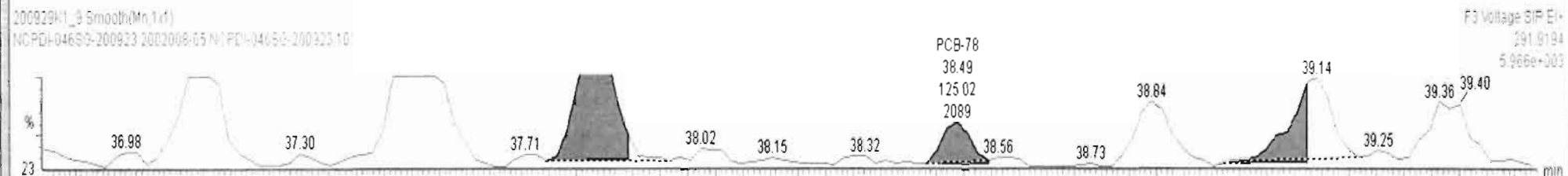
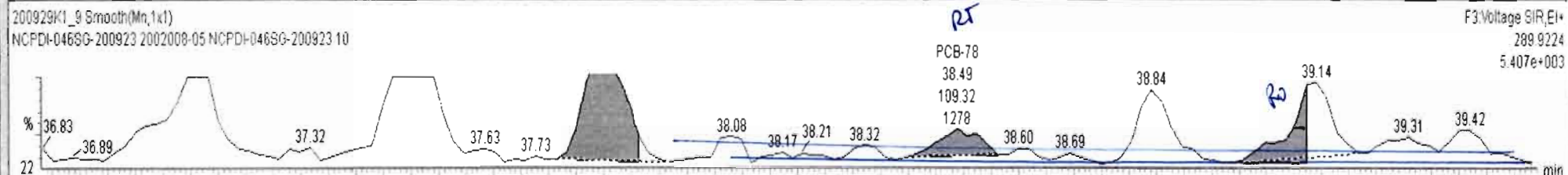




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#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	876.3		20.2	885.8
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
23	60 PCB-79	37.82	37.86	4.274e2	4.922e2	0.770	0.87	NO	3.0047	3.0047
24	61 PCB-78	38.54	38.49	1.093e2	1.250e2	0.770	0.87	NO	0.78128	0.78128
25	62 PCB-81	39.09	39.12	1.425e2	1.597e2	0.770	0.89	YES	1.0238	0.00000

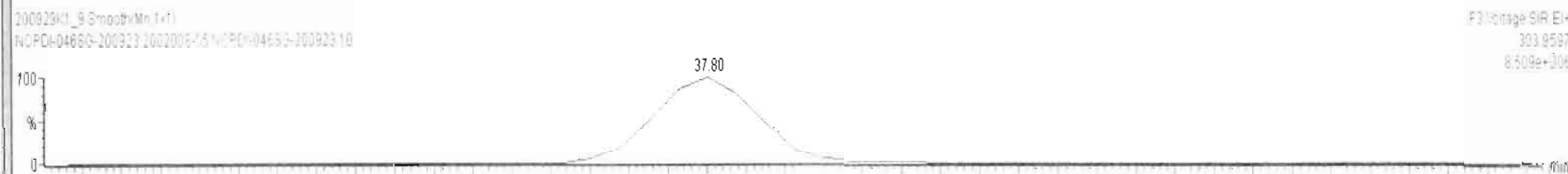
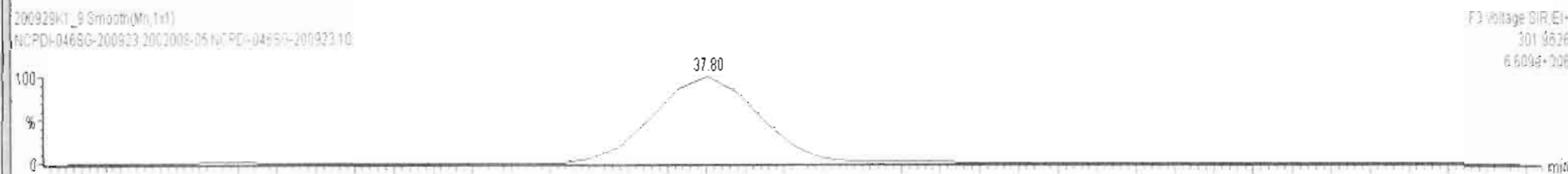
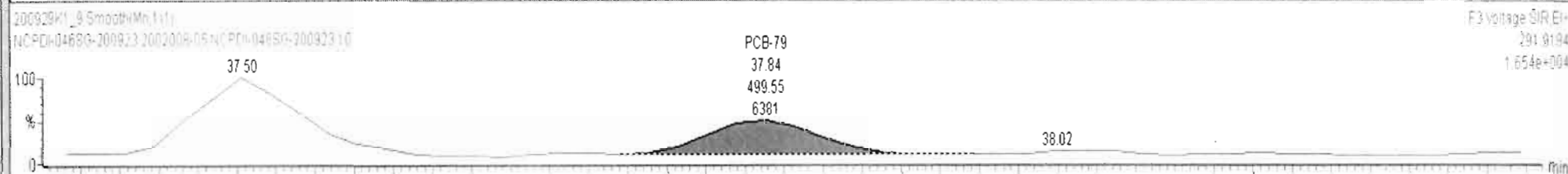
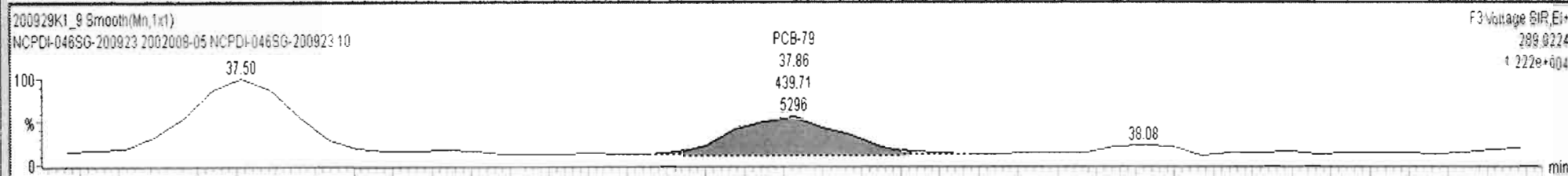


200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	875.6		20.2	885.1
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
22	59 PCB-56:60	36.72	36.72	7.438e3	9.145e3	0.770	0.81	NO	60.596	60.596
23	60 PCB-79	37.82	37.86	4.397e2	4.995e2	0.770	0.88	NO	3.0690	3.0690
24	62 PCB-81	39.09	39.12	1.425e2	1.597e2	0.770	0.89	YES	1.0238	0.00000

2nd ch. RT ok

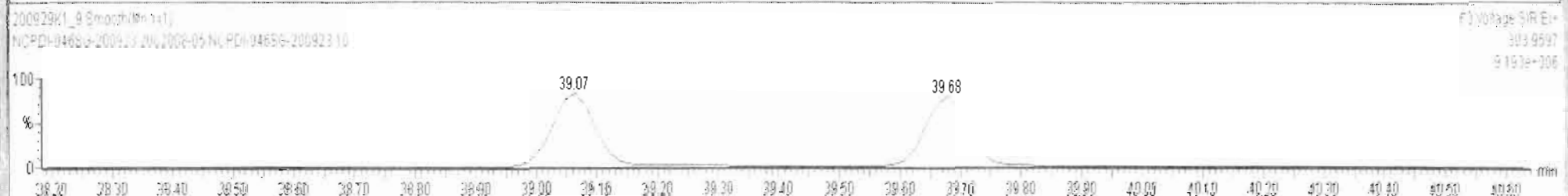
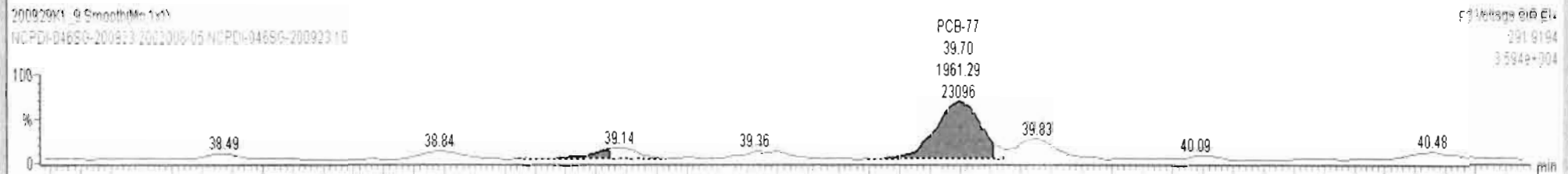
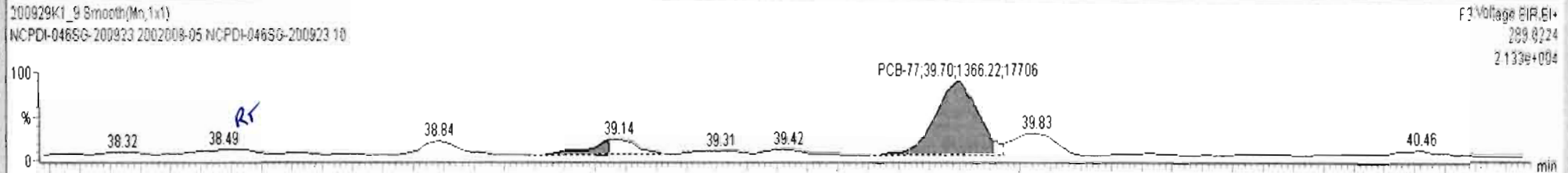




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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	875.5		20.2	885.0
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	943.0		18.6	1055

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
23	60 PCB-79	37.82	37.86	4.274e2	4.922e2	0.770	0.87	NO	3.0047	3.0047
24	62 PCB-81	39.09	39.12	1.425e2	1.597e2	0.770	0.89	YES	1.0238	0.00000
25	63 PCB-77	39.70	39.70	1.366e3	1.961e3	0.770	0.70	NO	11.511	11.511



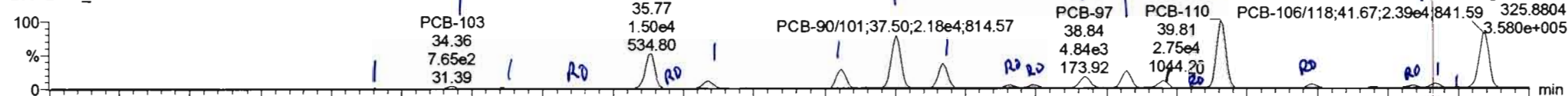
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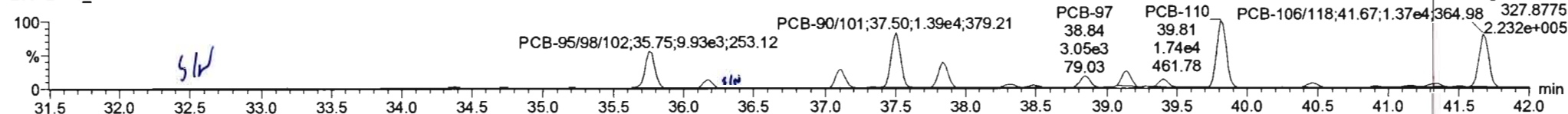
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PCB-104

200929K1_9

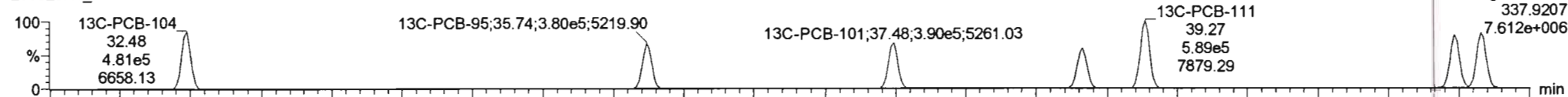


200929K1_9

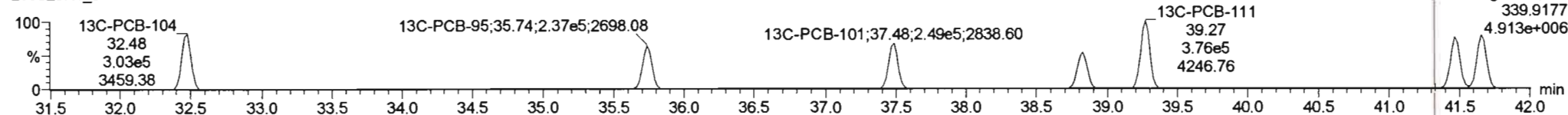


13C-PCB-104

200929K1_9

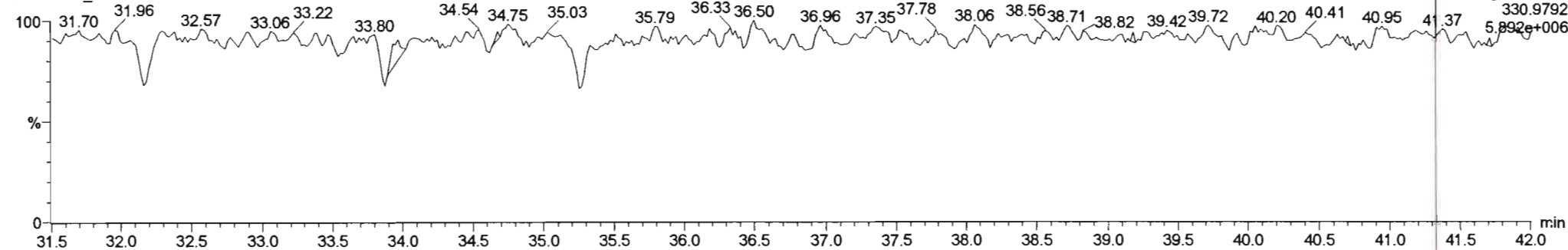


200929K1_9



PFK3b

200929K1_9



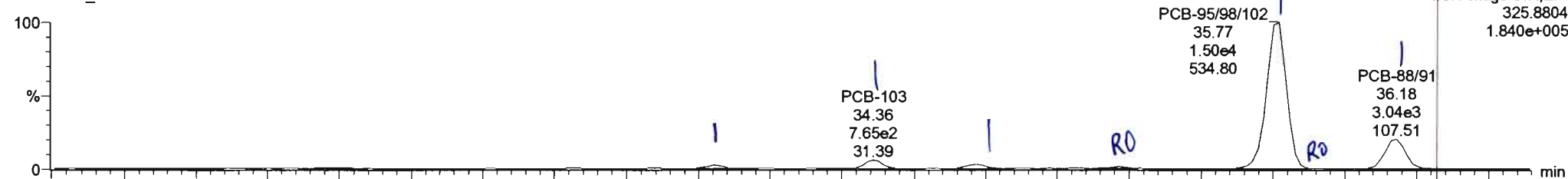
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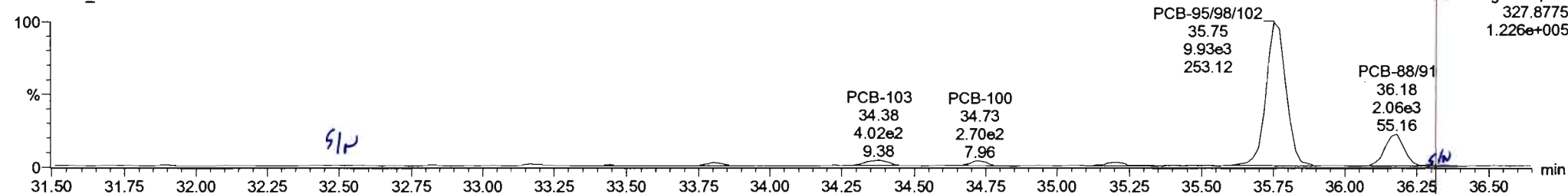
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PCB-96

200929K1_9

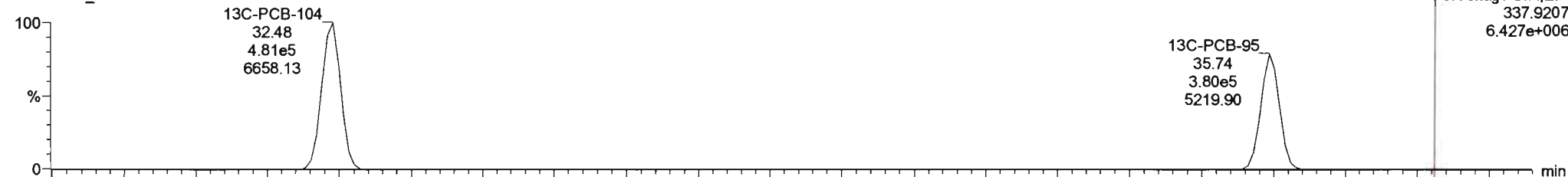


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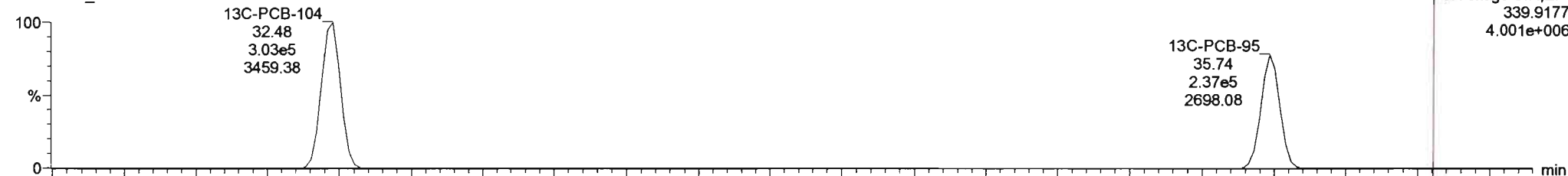


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200929K1_9



200929K1_9

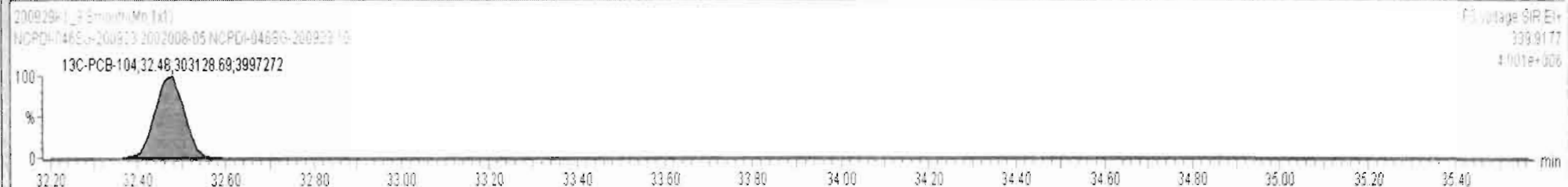
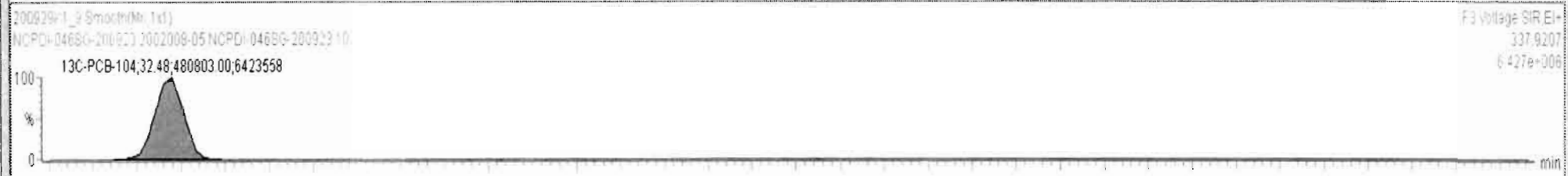
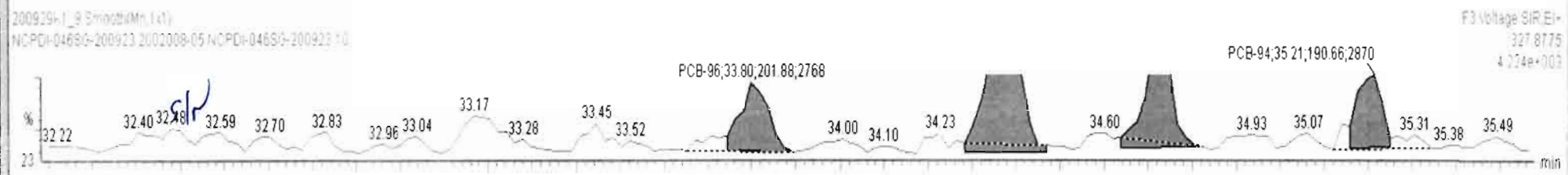
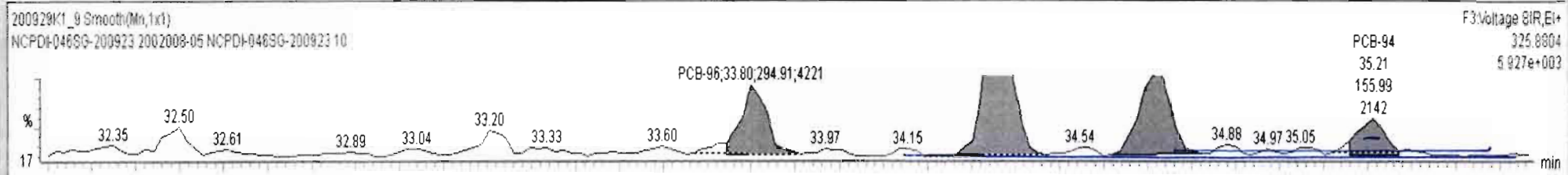




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	228 Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	875.5		20.2	885.0
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	952.2		18.6	1057

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.82	33.80	2.949e2	2.019e2	1.560	1.46	NO	2.2482	2.2482
2	66 PCB-103	34.38	34.36	7.524e2	4.532e2	1.560	1.66	NO	6.7218	6.7218
3	67 PCB-100	34.74	34.73	4.119e2	3.040e2	1.560	1.35	NO	3.9200	3.9200
4	68 PCB-94	35.21	35.21	1.560e2	1.907e2	1.560	0.82	YES	1.7910	0.00000

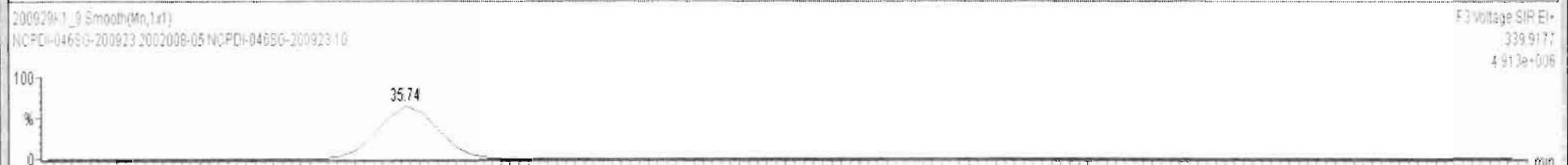
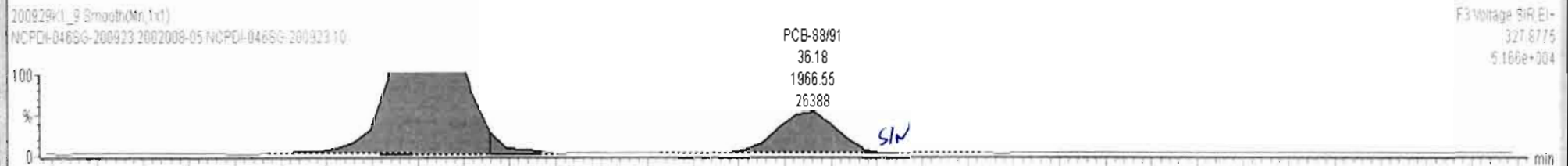
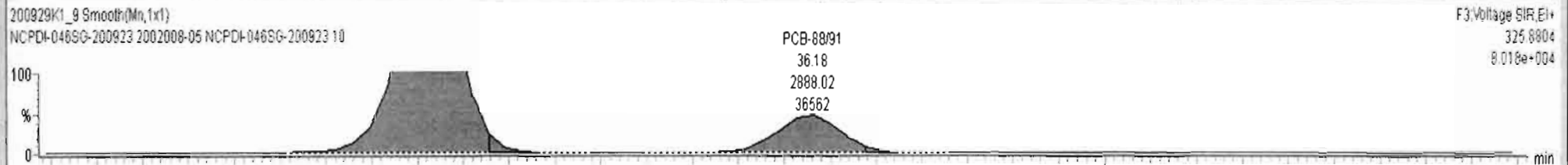




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	2.443	0.00		0.000		NO	237.9		11.6	237.9
228	Total Tetra-PCBs				1.0778	2.443	0.00		0.000		NO	875.5		20.2	885.0
229	3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	947.7		18.6	1056

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
5	PCB-95/98/102	35.68	35.77	1.470e4	9.681e3	1.560	1.52	NO	134.37	134.37
6	PCB-93	35.82	35.83	2.732e2	2.385e2	1.560	1.15	YES	3.1827	0.00000
7	PCB-88/91	36.16	36.18	2.888e3	1.967e3	1.560	1.47	NO	30.266	30.266
8	PCB-121	36.26	36.24	8.664e1	3.936e1	1.560	2.20	YES	0.39125	0.00000



35.40 35.50 35.60 35.70 35.80 35.90 36.00 36.10 36.20 36.30 36.40 36.50 36.60 36.70 36.80 36.90 min

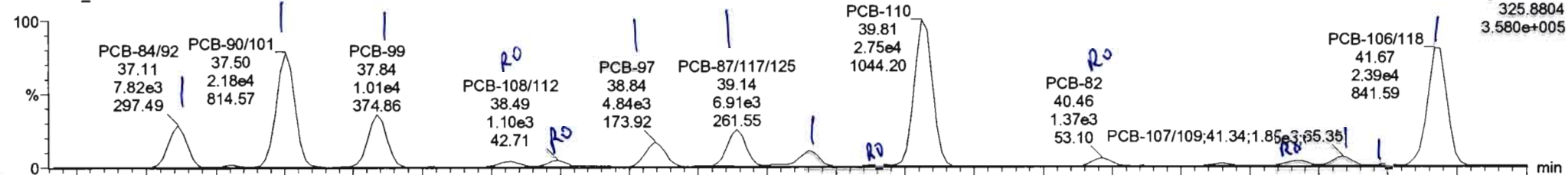
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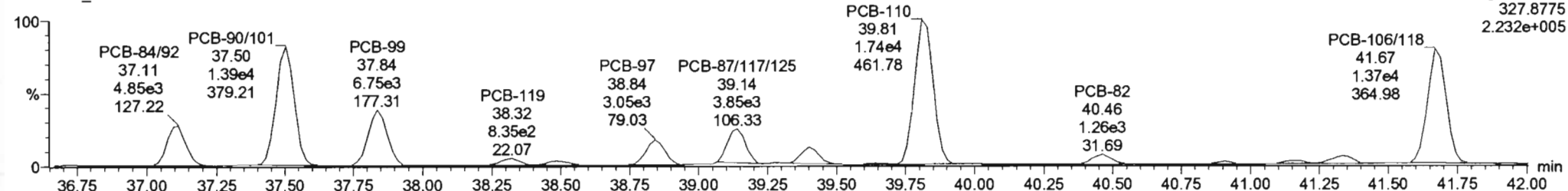
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PCB-119

200929K1_9

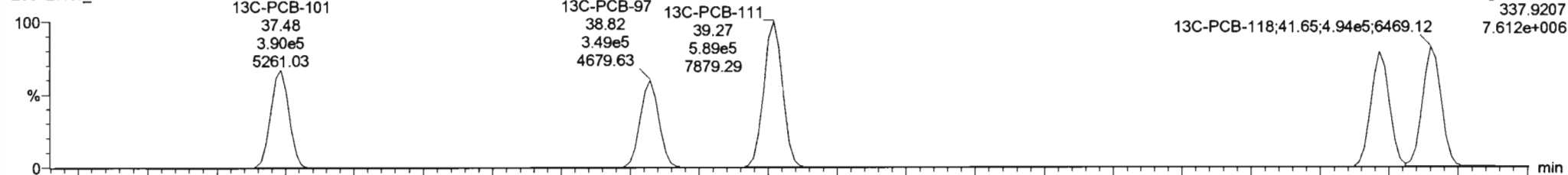


200929K1_9

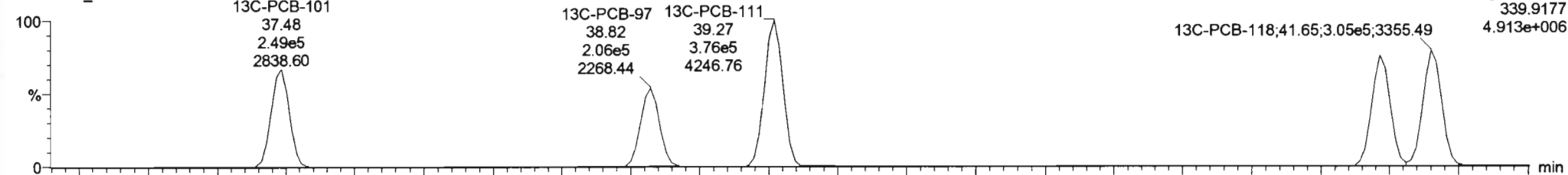


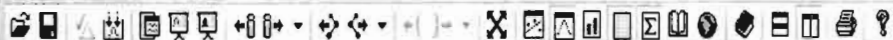
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200929K1_9



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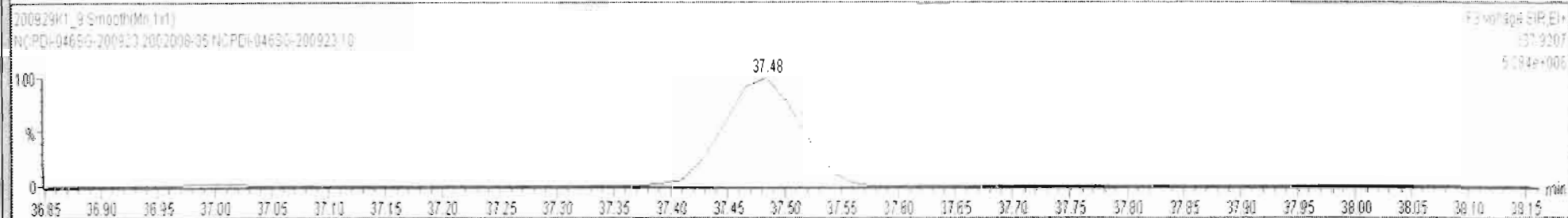
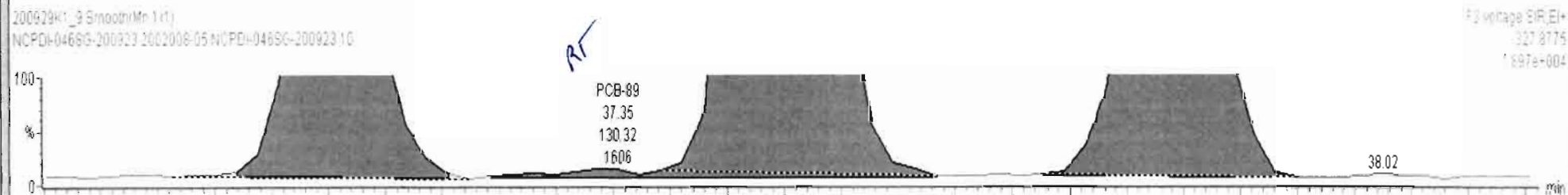
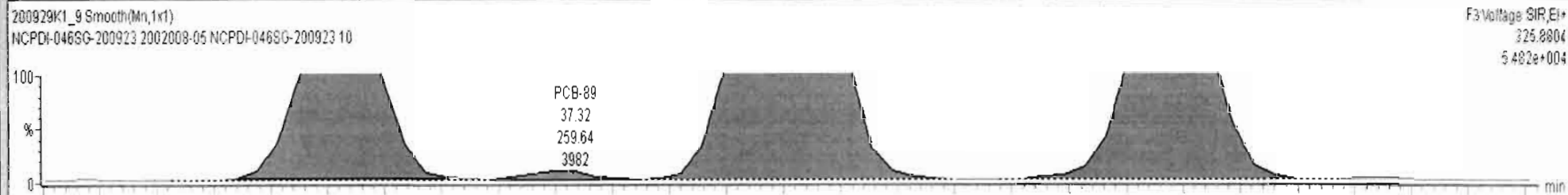




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	PredRT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	948.0		18.6	1057
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	65.06		4.79	67.78
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	359.4		4.76	382.0

#	Name	PredRT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.82	33.80	2.949e2	2.019e2	1.560	1.46	NO	2.2482	2.2482
2	66 PCB-103	34.38	34.36	7.562e2	4.475e2	1.560	1.69	NO	6.7114	6.7114
3	67 PCB-100	34.74	34.73	4.119e2	3.040e2	1.560	1.35	NO	3.9200	3.9200
4	68 PCB-94	35.21	35.21	1.560e2	1.907e2	1.560	0.82	YES	1.7910	0.00000
5	69 PCB-95/96/102	35.68	35.77	1.470e4	9.681e3	1.560	1.52	NO	134.37	134.37
6	70 PCB-93	35.82	35.83	2.732e2	2.385e2	1.560	1.15	YES	3.1827	0.00000
7	71 PCB-88/91	36.16	36.18	2.888e3	1.967e3	1.560	1.47	NO	30.266	30.266
8	73 PCB-84/92	37.11	37.11	7.703e3	4.824e3	1.560	1.60	NO	78.760	78.760
9	74 PCB-89	37.29	37.32	2.596e2	1.303e2	1.560	1.99	YES	1.9318	0.00000

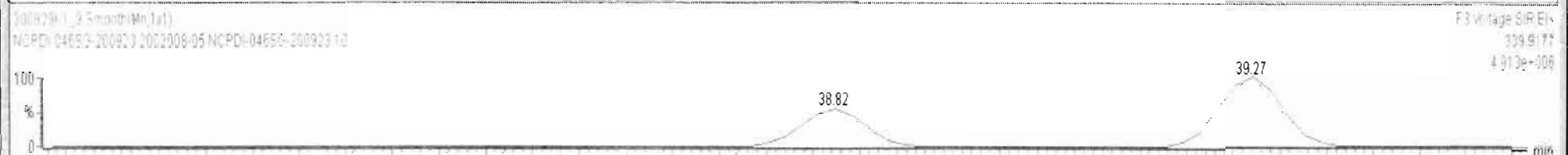
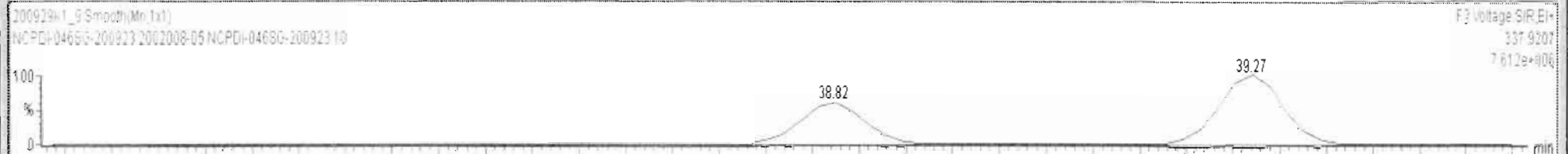
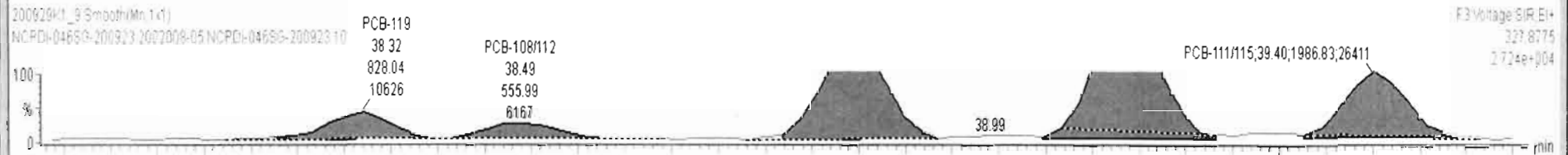
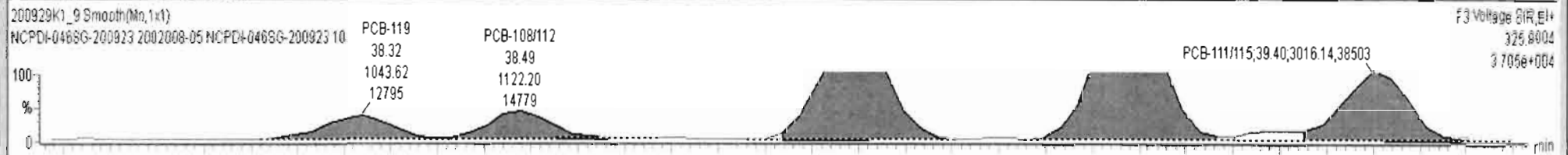




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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1020		18.6	1064
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	65.06		4.79	67.78
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	359.4		4.76	382.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
11	77 PCB-99	37.83	37.84	1.008e4	6.765e3	1.560	1.49	NO	81.606	81.606
12	78 PCB-119	38.32	38.32	1.044e3	8.280e2	1.560	1.26	YES	6.9928	0.00000
13	79 PCB-108/112	38.48	38.49	1.122e3	5.560e2	1.560	2.02	YES	7.2608	0.00000
14	81 PCB-97	38.84	38.84	4.833e3	3.031e3	1.560	1.59	NO	45.221	45.221
15	83 PCB-87/117/125	39.13	39.14	6.890e3	4.324e3	1.560	1.59	NO	53.024	53.024
16	84 PCB-111/115	39.29	39.40	3.016e3	1.987e3	1.560	1.52	NO	19.303	19.303

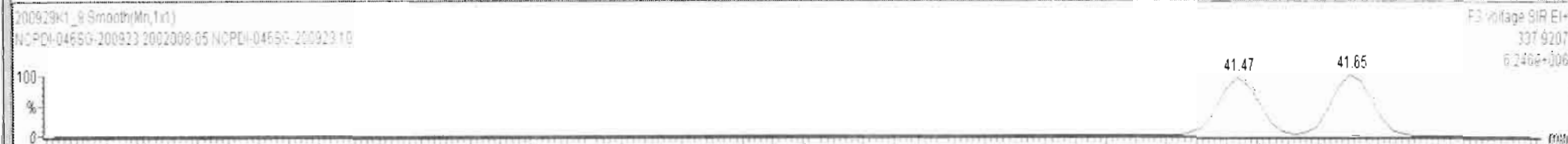
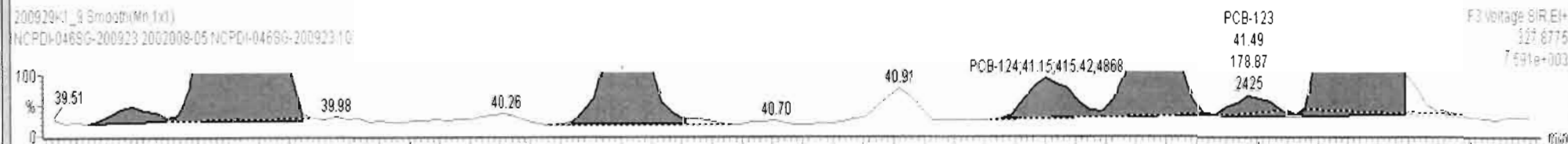




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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1062
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	65.06		4.79	67.78
231	231 3rd Function Hexa-PCBs				n.9505	2.443	n.00		n.000		NO	359.4		4.76	382.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
17	86 PCB-120	39.67	39.64	2.957e2	1.448e2	1.560	2.04	YES	1.3626	0.00000
18	87 PCB-110	39.83	39.81	2.754e4	1.746e4	1.560	1.58	NO	190.33	190.33
19	88 PCB-82	40.47	40.46	1.374e3	1.186e3	1.560	1.16	YES	15.833	0.00000
20	89 PCB-124	41.17	41.17	1.116e3	4.154e2	1.560	2.69	YES	4.1774	0.00000
21	90 PCB-107/109	41.32	41.34	1.852e3	1.070e3	1.560	1.73	NO	11.950	11.950
22	91 PCB-123	41.49	41.49	2.674e2	1.789e2	1.560	1.49	NO	2.0441	2.0441
23	92 PCB-106/118	41.69	41.67	2.334e4	1.358e4	1.560	1.72	NO	154.99	154.99

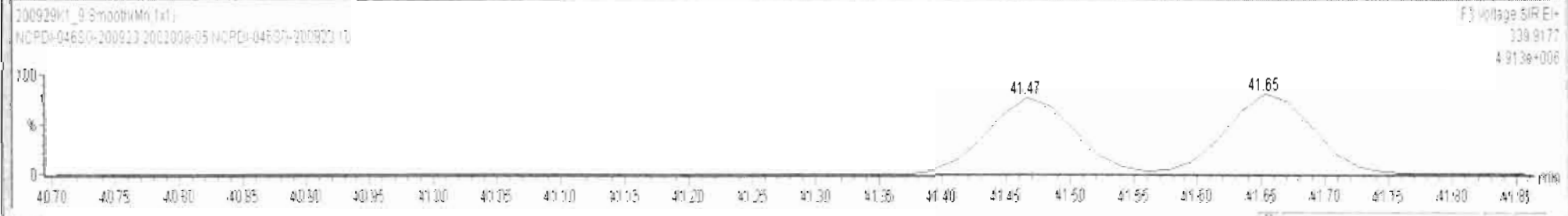
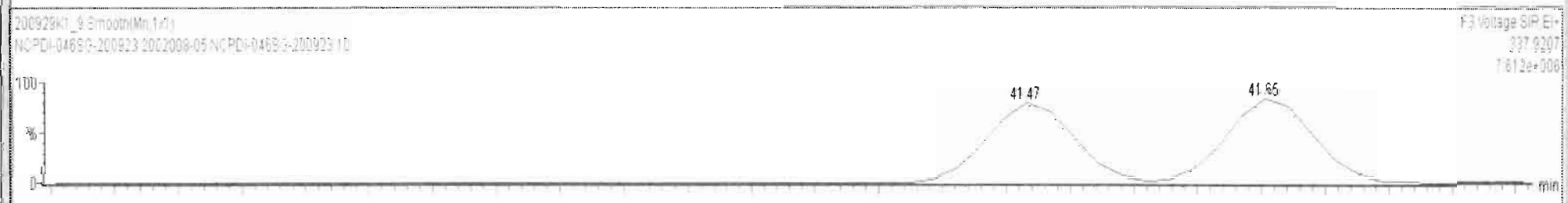
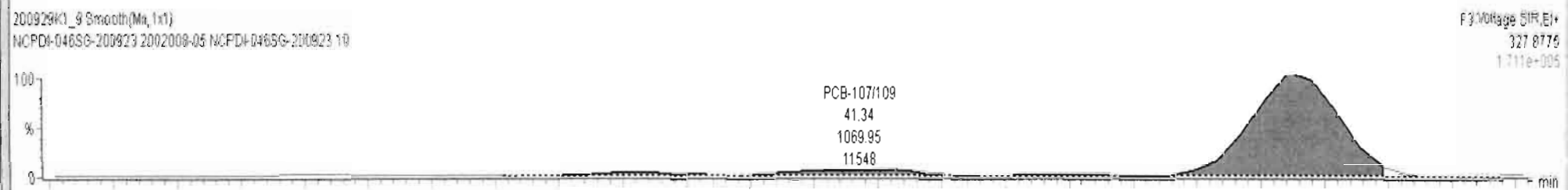
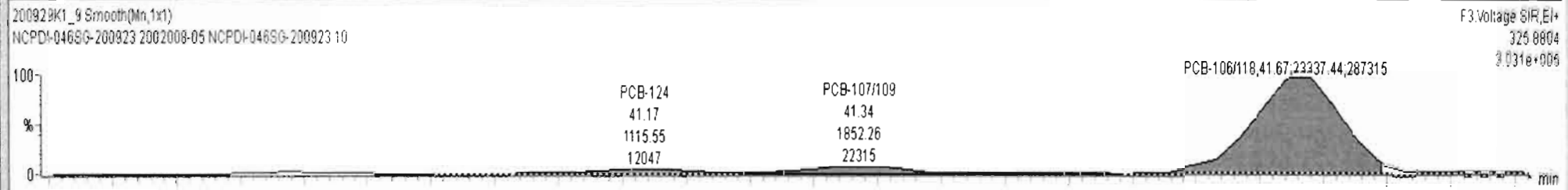




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#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1062
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	65.06		4.79	67.78
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	259.4		4.76	382.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
92	PCB-106/118	41.69	41.67	2.334e4	1.358e4	1.560	1.72	NO	154.99	154.99

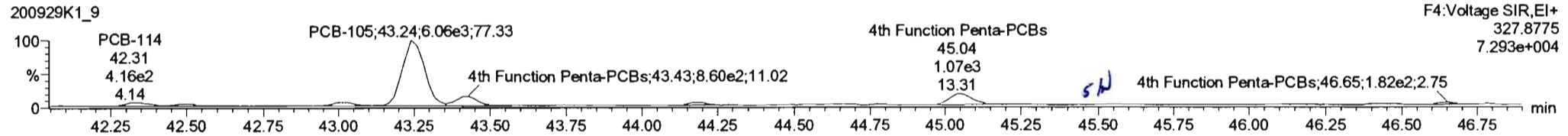
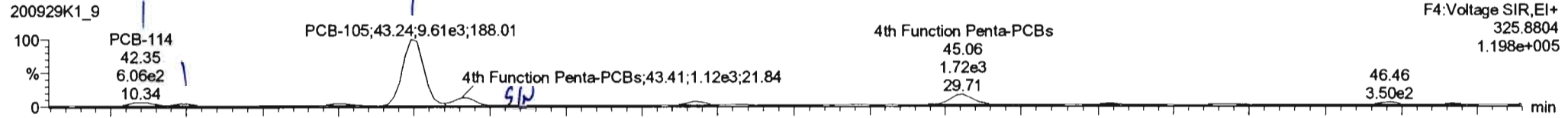


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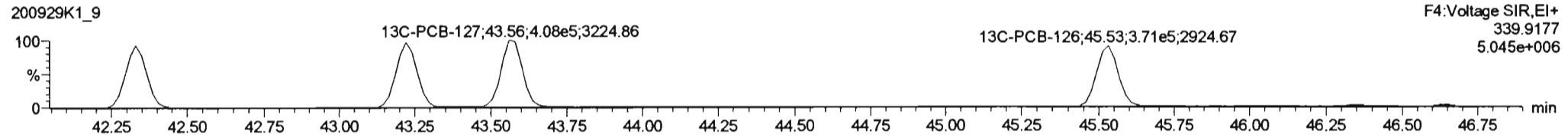
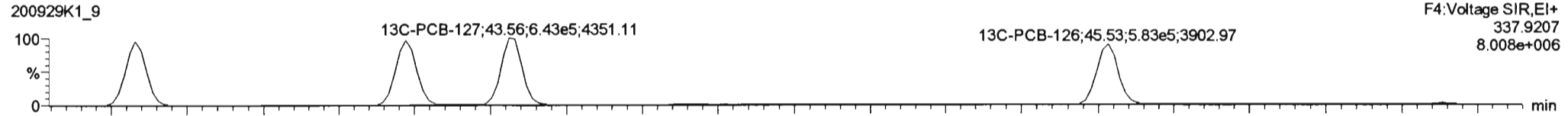
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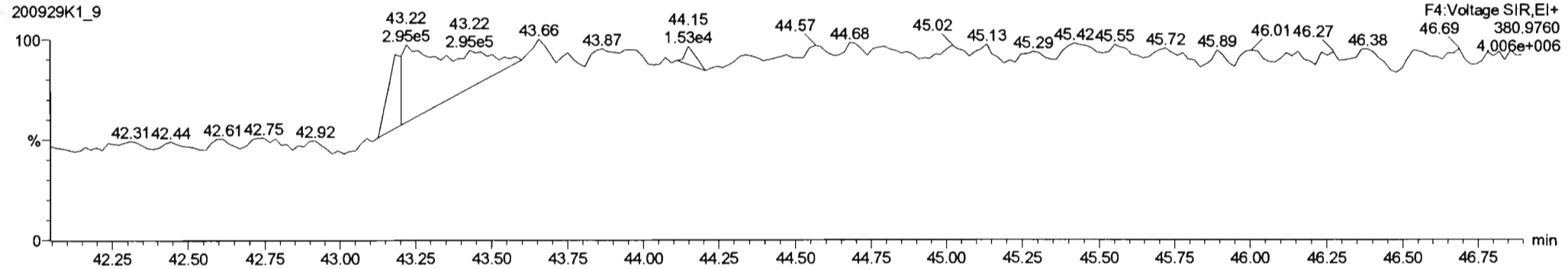
PCB-114



13C-PCB-114



PFK4a

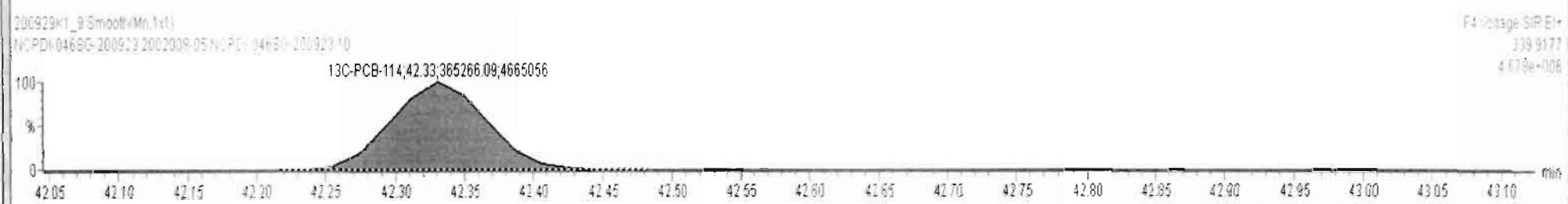
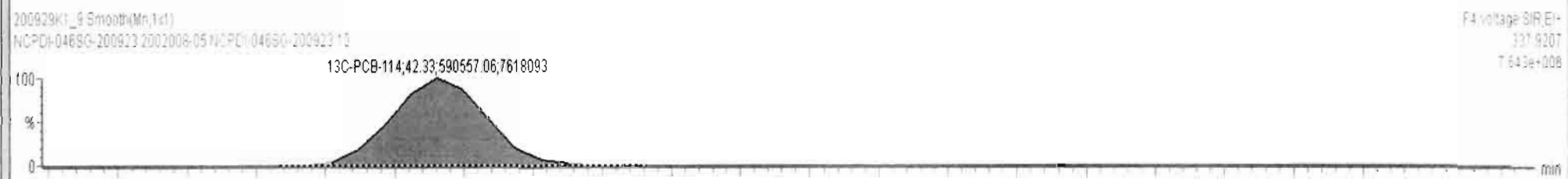
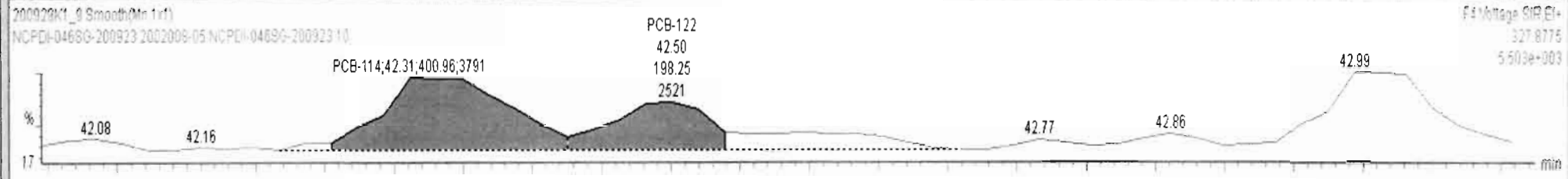
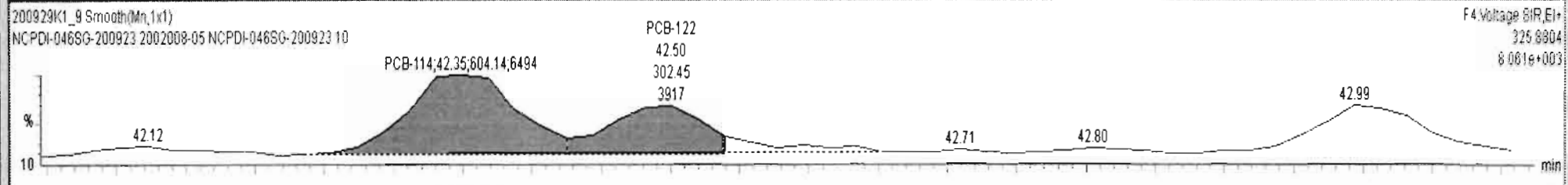




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	359.4		4.76	382.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.35	6.041e2	4.010e2	1.560	1.51	NO	3.7719	3.7719
2	94 PCB-122	42.50	42.50	3.024e2	1.983e2	1.560	1.53	NO	2.2708	2.2708
3	95 PCB-105	43.24	43.24	9.612e3	6.056e3	1.550	1.59	NO	61.265	61.265

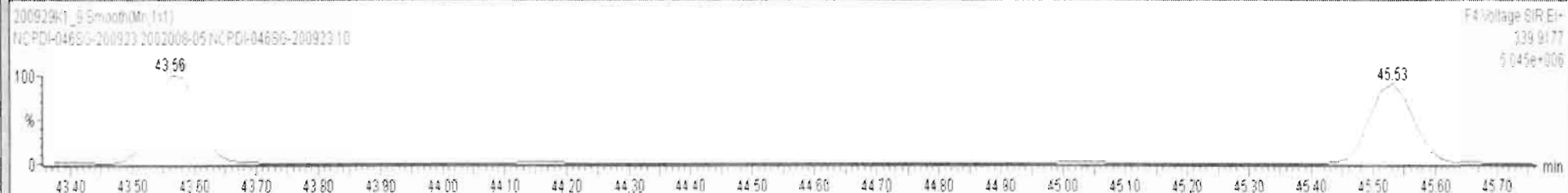
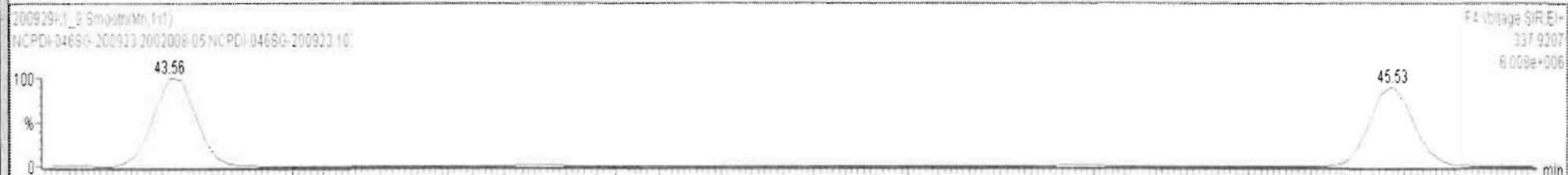
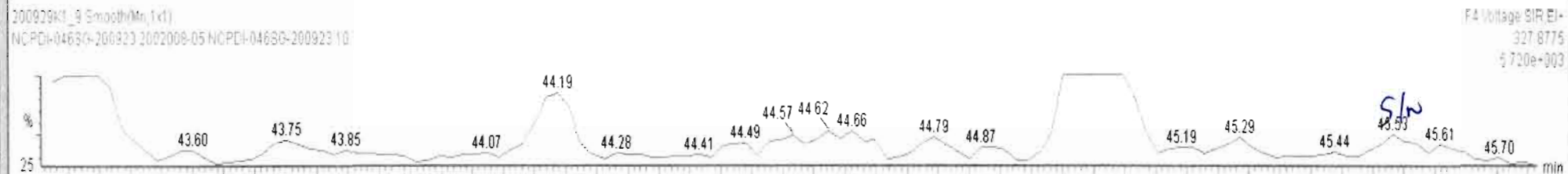
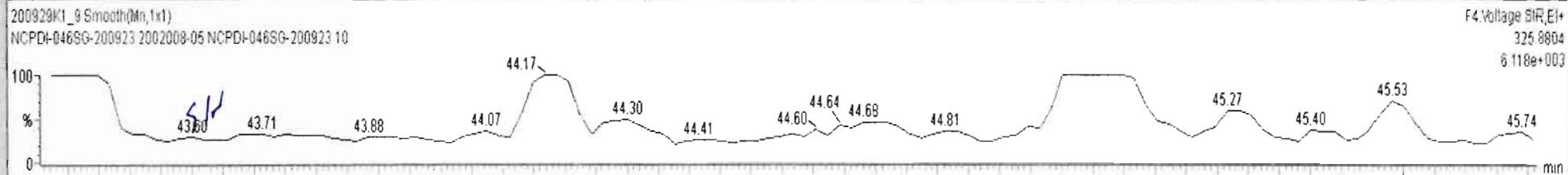




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	nly	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	359.4		4.75	382.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.35	42.35	6.041e2	4.010e2	1.560	1.51	NO	3.7719	3.7719
2	94 PCB-122	42.50	42.50	3.024e2	1.983e2	1.560	1.53	NO	2.2708	2.2708
3	95 PCB-105	43.24	43.24	9.612e3	6.056e3	1.550	1.59	NO	61.265	61.265



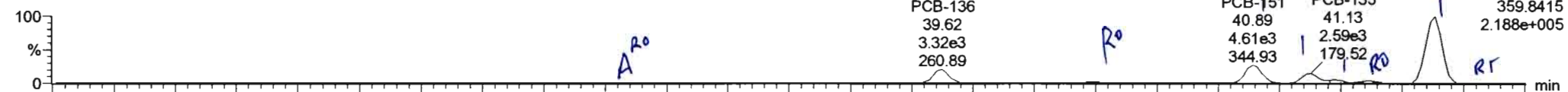
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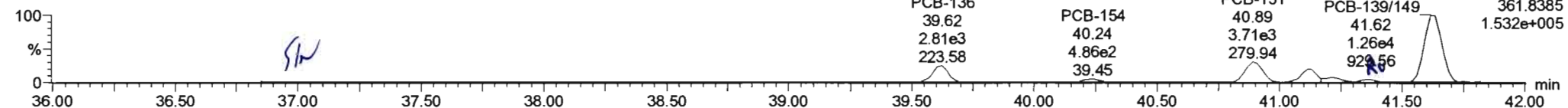
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PCB-155

200929K1_9

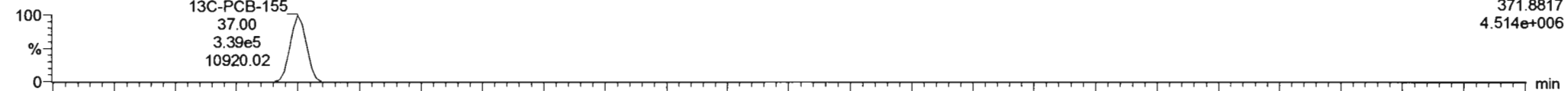


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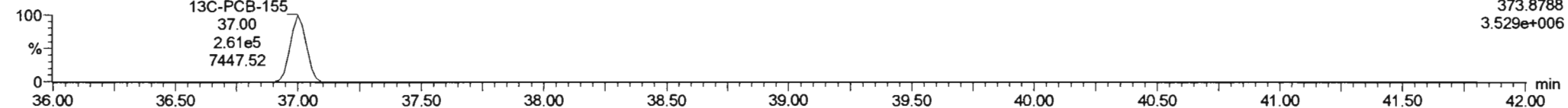


13C-PCB-155

200929K1_9

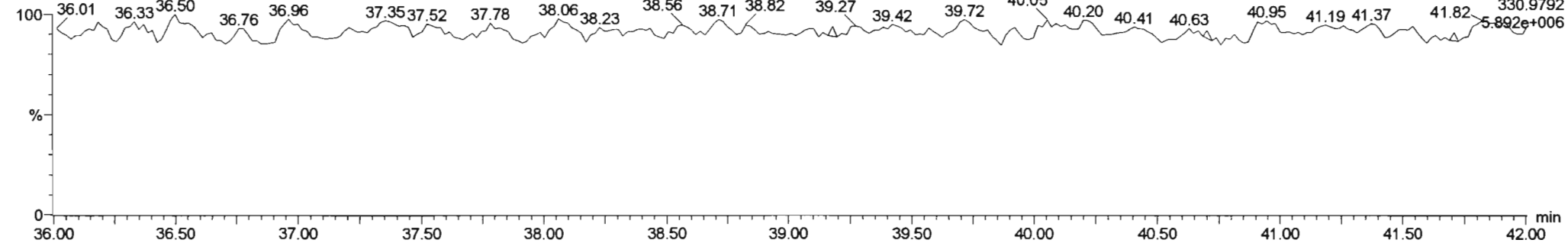


200929K1_9



PFK3c

200929K1_9

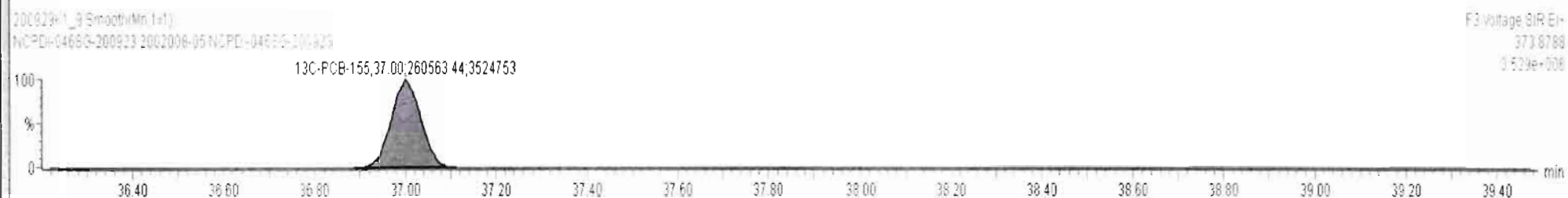
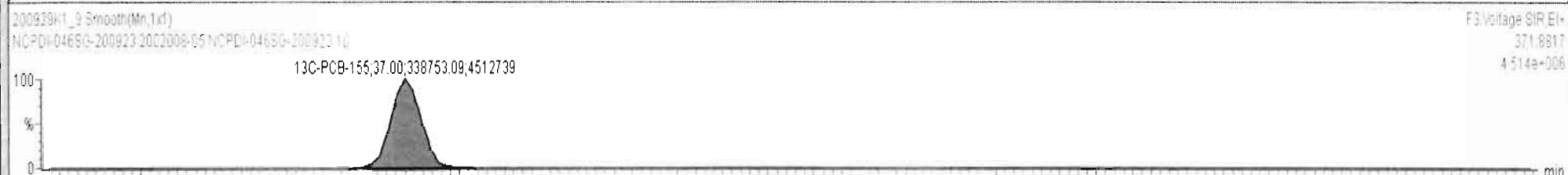
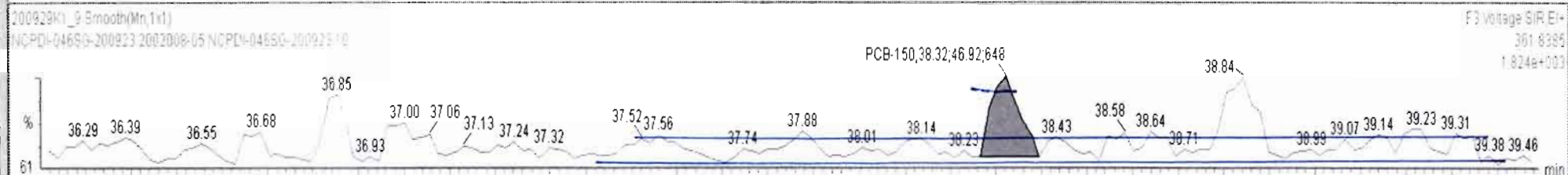
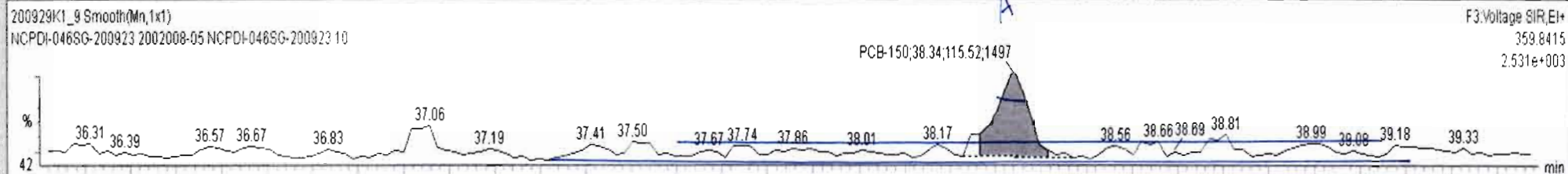




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#	Name	Resp	RA	n/y	RFF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	359.4		4.76	392.7

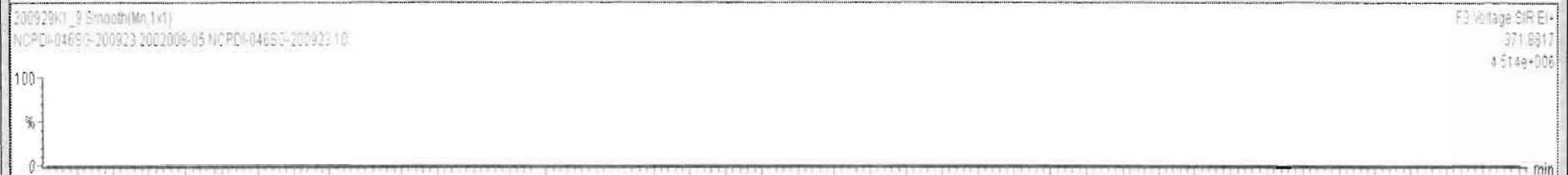
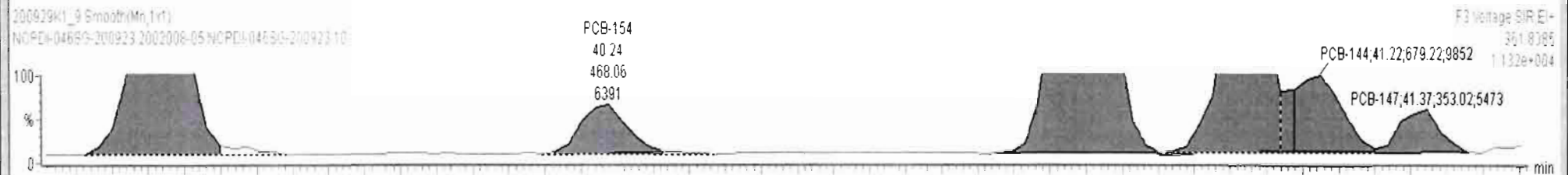
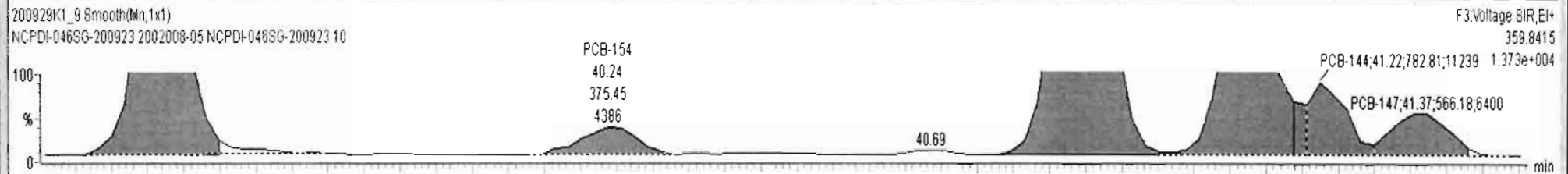
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	99 PCB-150	38.34	38.34	1.155e2	4.692e1	1.240	2.46	YES	0.66261	0.00000
2	102 PCB-136	39.63	39.62	3.320e3	2.809e3	1.240	1.18	NO	41.007	41.007
3	104 PCB-154	40.24	40.24	3.788e2	4.865e2	1.240	0.78	YES	5.0858	0.00000



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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	371.1		4.75	384.3

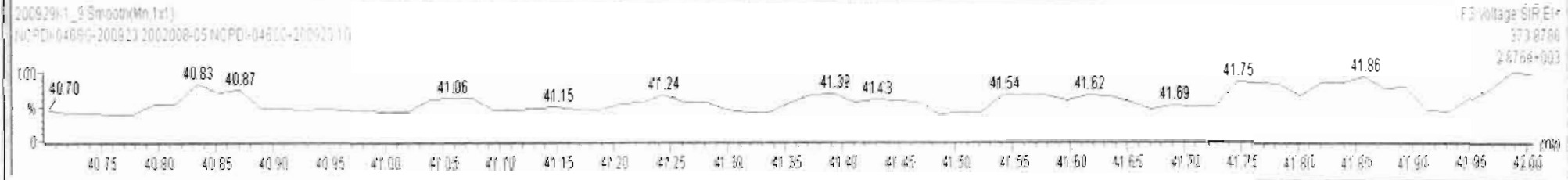
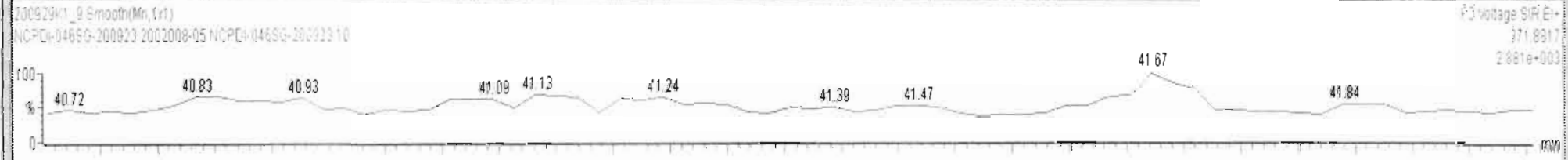
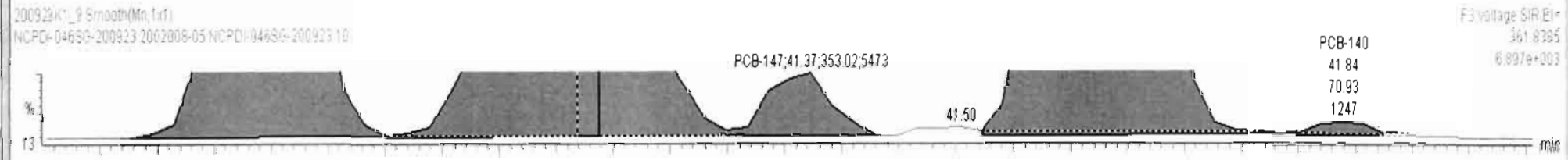
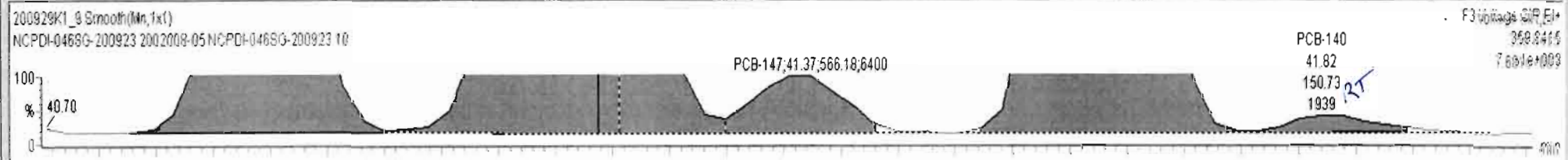
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	99 PCB-150	38.34	38.34	1.155e2	4.692e1	1.240	2.46	YES	0.66261	0.00000
2	102 PCB-136	39.63	39.62	3.228e3	2.753e3	1.240	1.17	NO	40.012	40.012
3	104 PCB-154	40.24	40.24	3.754e2	4.681e2	1.240	0.80	YES	5.0408	0.00000



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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9505	2.443	0.00		0.000		NO	371.81		4.76	385.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	105 PCB-151	40.91	40.89	4.612e3	3.706e3	1.240	1.24	NO	72.228	72.228
5	106 PCB-135	41.13	41.13	2.441e3	2.224e3	1.240	1.10	NO	34.543	34.543
6	107 PCB-144	41.23	41.22	7.828e2	6.864e2	1.240	1.14	NO	12.720	12.720
7	108 PCB-147	41.38	41.37	5.662e2	3.530e2	1.240	1.60	YES	6.4720	0.00000
8	109 PCB-139/149	41.64	41.63	1.677e4	1.269e4	1.240	1.32	NO	212.27	212.27
9	110 PCB-140	41.88	41.82	1.507e2	7.093e1	1.240	2.13	YES	1.3673	0.00000

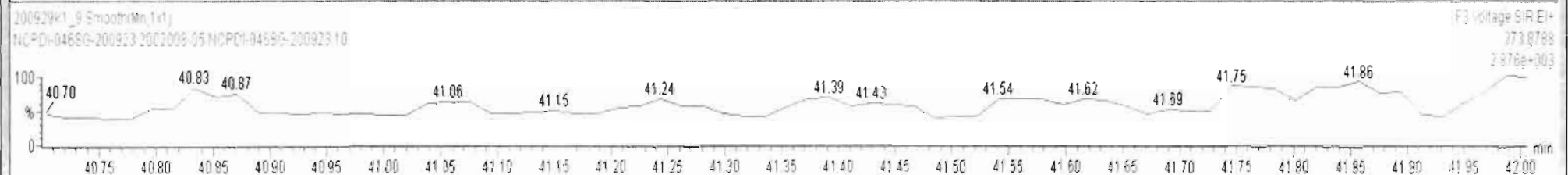
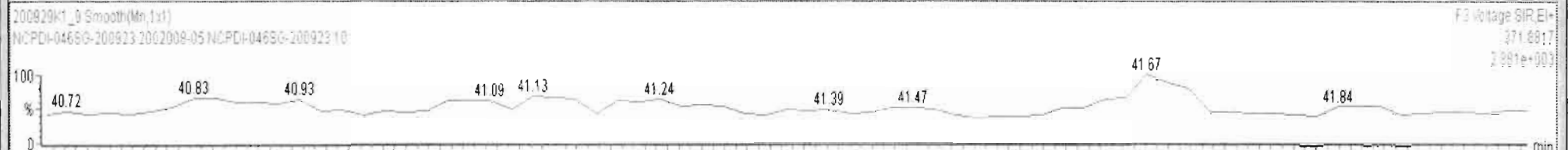
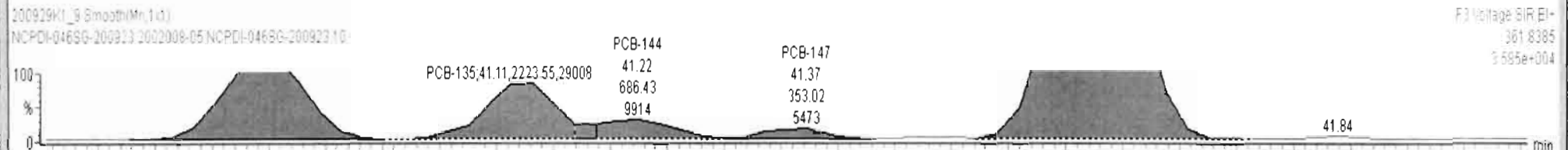
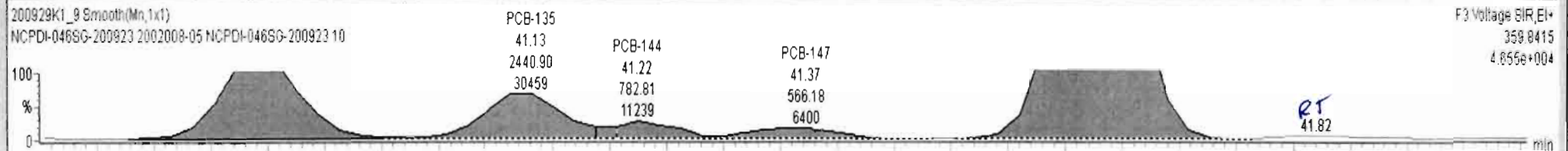




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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	2.443	0.00		0.000		NO	1019		18.6	1060
230	230 4th Function Penta-PCBs				1.0735	2.443	0.00		0.000		NO	67.31		4.79	67.31
231	231 3rd Function Hexa-PCBs				0.9506	2.443	0.00		0.000		NO	371.4		4.76	383.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
3	104 PCB-154	40.24	40.24	3.754e2	4.681e2	1.240	0.80	YES	5.0408	0.00000
4	105 PCB-151	40.91	40.89	4.612e3	3.706e3	1.240	1.24	NO	72.228	72.228
5	106 PCB-135	41.13	41.13	2.441e3	2.224e3	1.240	1.10	NO	34.543	34.543
6	107 PCB-144	41.23	41.22	7.828e2	6.864e2	1.240	1.14	NO	12.720	12.720
7	108 PCB-147	41.38	41.37	5.662e2	3.530e2	1.240	1.60	YES	6.4720	0.00000
8	109 PCB-139/149	41.64	41.63	1.676e4	1.264e4	1.240	1.33	NO	211.91	211.91

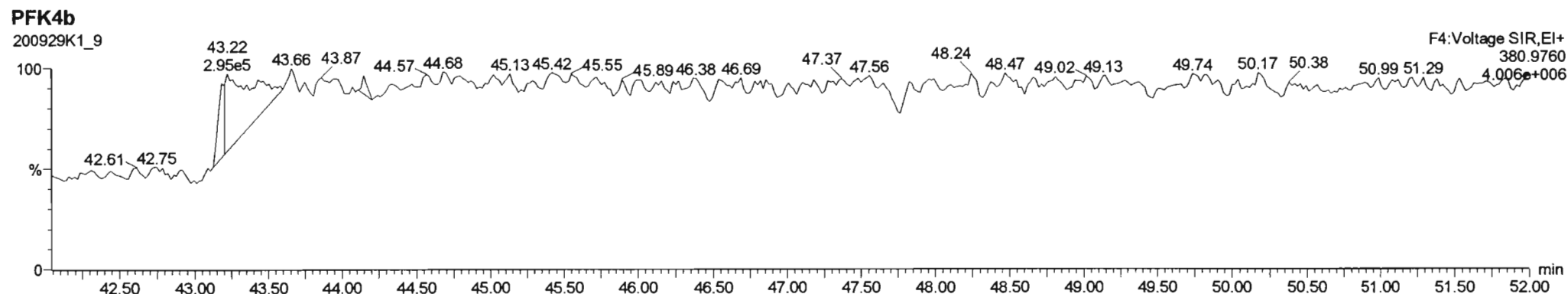
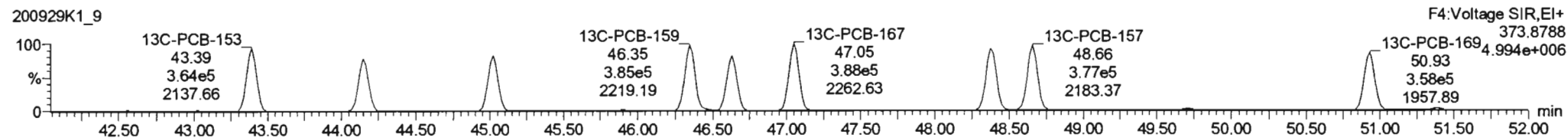
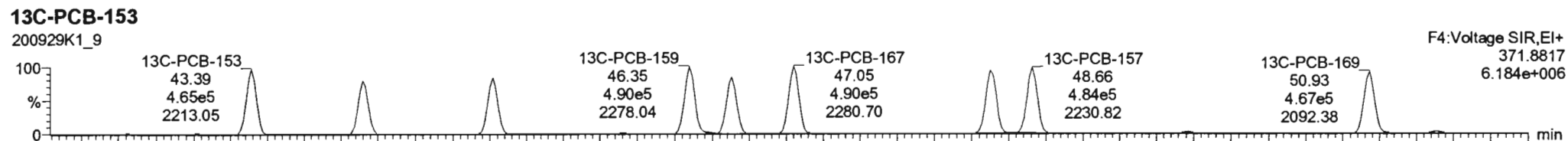
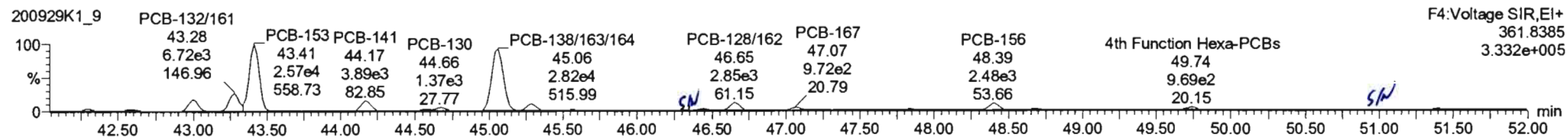
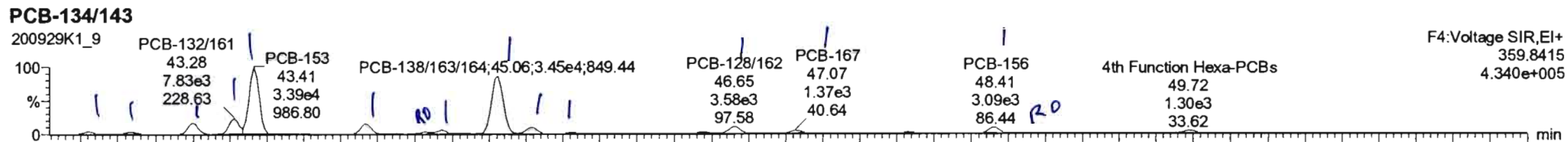


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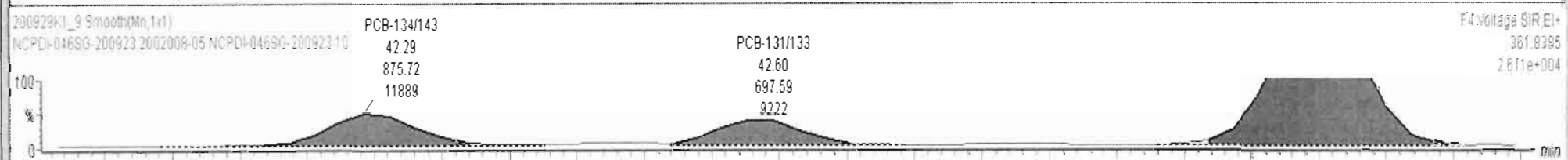
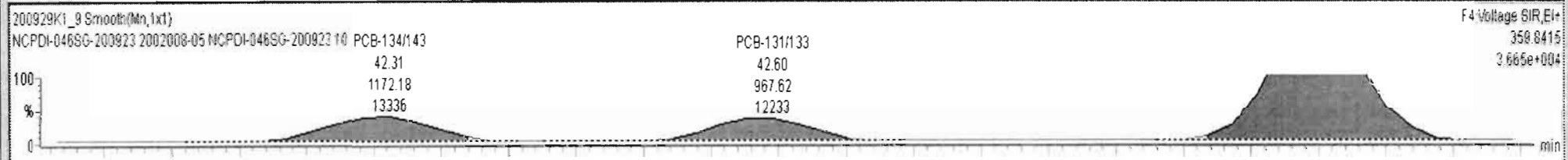




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	2.443	0.00		0.000		NO	869.7		16.5	881.8
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	808.3		13.9	831.0
234	234 4th Function Octa-PCBs				1.0000	2.443	0.00		0.000		NO	138.9		6.07	156.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.29	42.31	1.172e3	8.757e2	1.240	1.34	NO	13.323	13.323
2	112 PCB-131/133	42.59	42.60	9.676e2	6.976e2	1.240	1.39	NO	10.017	10.017
3	114 PCB-146/165	42.97	42.99	5.608e3	4.346e3	1.240	1.29	NO	48.345	48.345
4	115 PCB-132/161	43.22	43.28	7.801e3	6.720e3	1.240	1.18	NO	70.006	70.006
5	116 PCB-153	43.41	43.41	3.388e4	2.569e4	1.240	1.32	NO	274.72	274.72
6	118 PCB-141	44.17	44.17	5.374e3	3.888e3	1.240	1.38	NO	53.997	53.997

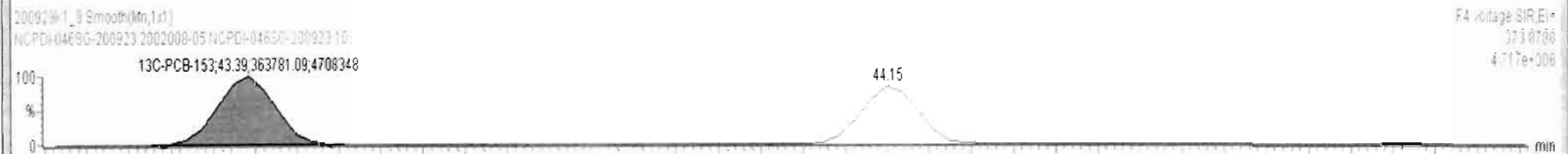
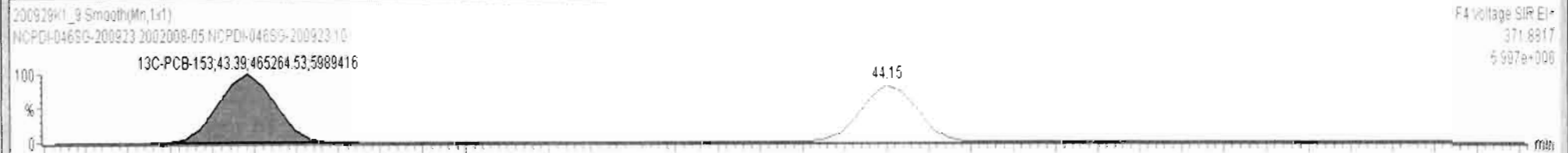
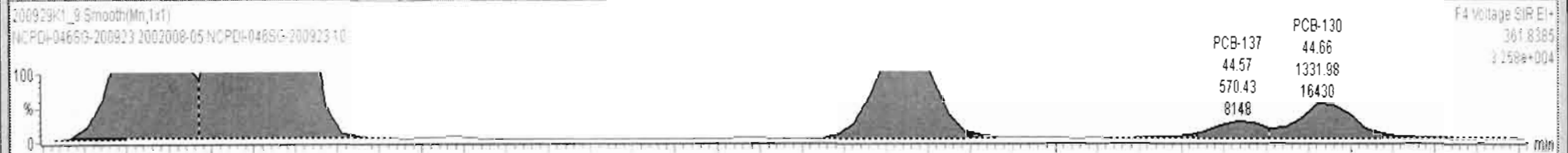
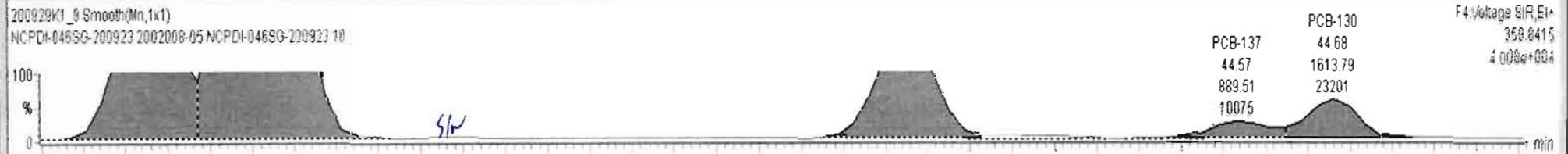




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	2.443	0.00		0.000		NO	867.8		16.5	879.5
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	808.3		13.9	831.0
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	138.9		6.07	156.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	115 PCB-132/161	43.22	43.28	7.803e3	6.689e3	1.240	1.17	NO	69.865	69.865
5	116 PCB-153	43.41	43.41	3.385e4	2.568e4	1.240	1.32	NO	274.57	274.57
6	118 PCB-141	44.17	44.17	5.164e3	3.872e3	1.240	1.33	NO	52.674	52.674
7	119 PCB-137	44.56	44.57	8.895e2	5.704e2	1.240	1.56	YES	6.8872	0.00000
8	120 PCB-130	44.68	44.68	1.614e3	1.332e3	1.240	1.21	NO	19.914	19.914
9	121 PCB-138/163/164	45.06	45.06	3.449e4	2.822e4	1.240	1.22	NO	278.03	278.03

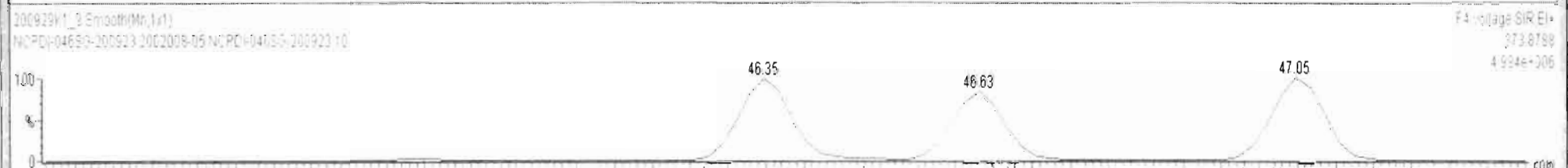
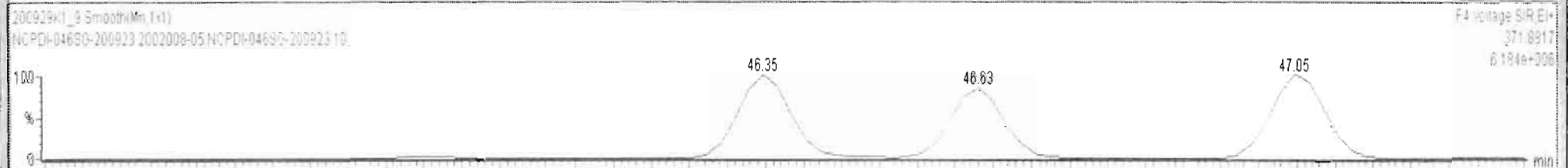
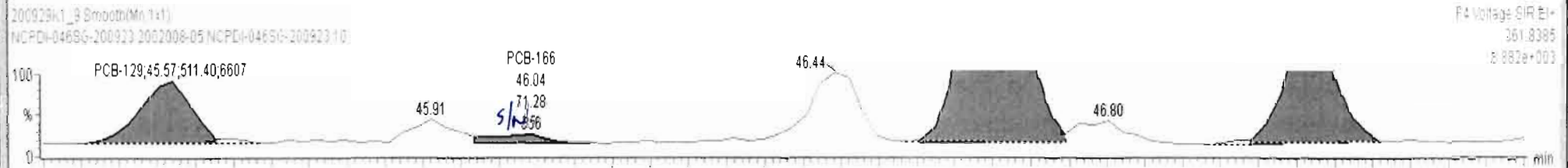
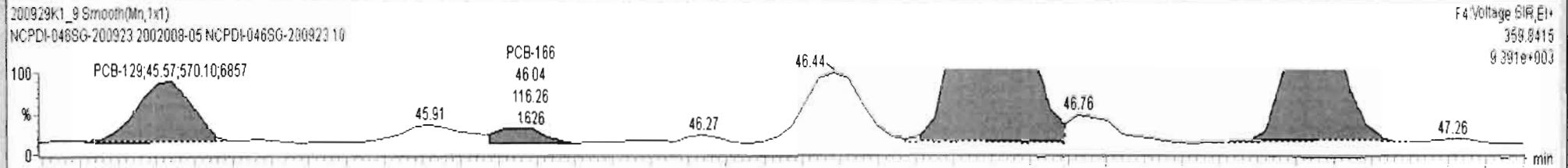




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	2.443	0.00		0.000		NO	867.6		16.5	879.3
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	808.3		13.9	831.0
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	138.9		6.07	156.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
11	123 PCB-129	45.55	45.57	5.701e2	5.114e2	1.240	1.11	NO	7.1010	7.1010
12	124 PCB-166	46.03	46.04	1.163e2	7.128e1	1.240	1.63	YES	0.65312	0.00000
13	126 PCB-128/162	46.68	46.65	3.569e3	2.864e3	1.240	1.25	NO	33.146	33.146
14	127 PCB-167	47.07	47.07	1.354e3	9.612e2	1.240	1.41	NO	9.7447	9.7447

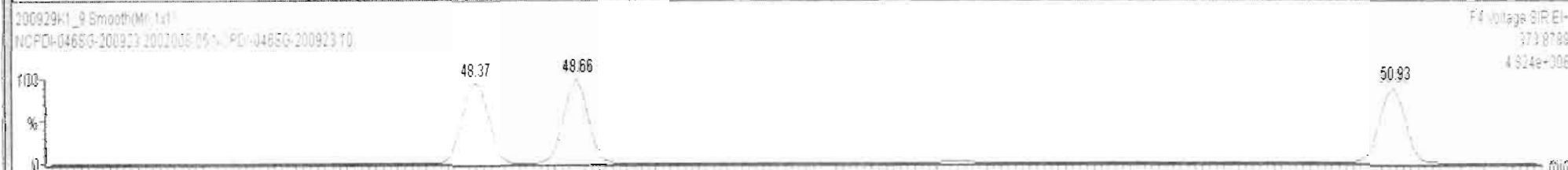
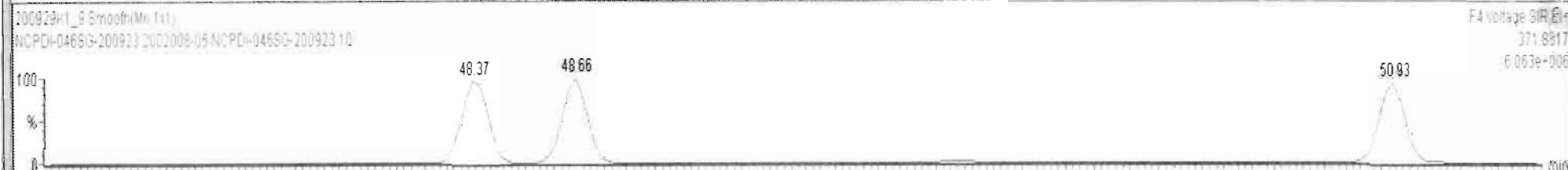
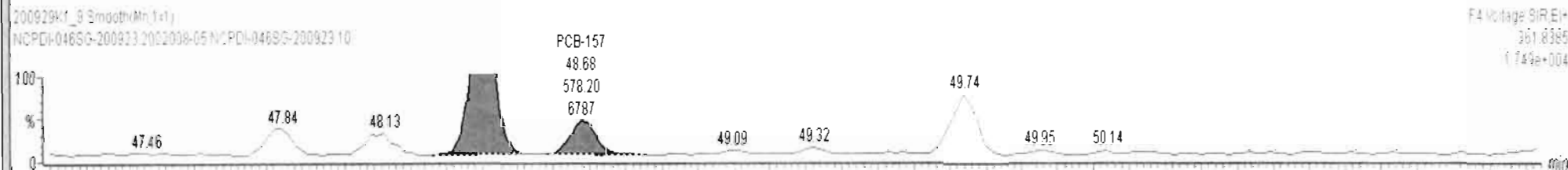
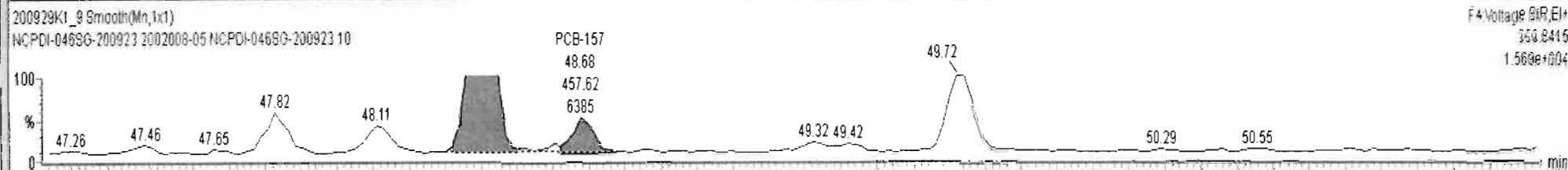




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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	2.443	0.00		0.000		NO	867.4		16.5	878.1
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	808.3		13.9	831.0
234	234 4th Function Octa-PCBs				1.0000	2.443	0.00		0.000		NO	138.9		6.07	156.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
12	126 PCB-126/162	46.68	46.65	3.569e3	2.864e3	1.240	1.25	NO	33.146	33.146
13	127 PCB-167	47.07	47.07	1.354e3	9.612e2	1.240	1.41	NO	9.7447	9.7447
14	128 PCB-156	48.39	48.41	3.062e3	2.464e3	1.240	1.24	NO	23.784	23.784
15	129 PCB-157	48.68	48.68	4.576e2	5.782e2	1.240	0.79	YES	3.7893	0.00000

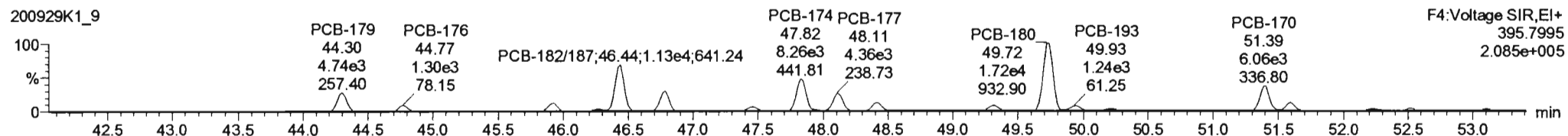
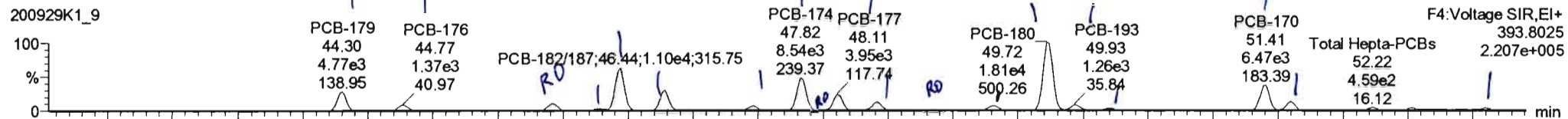


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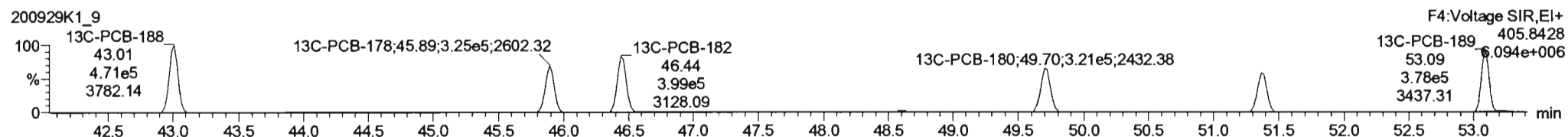
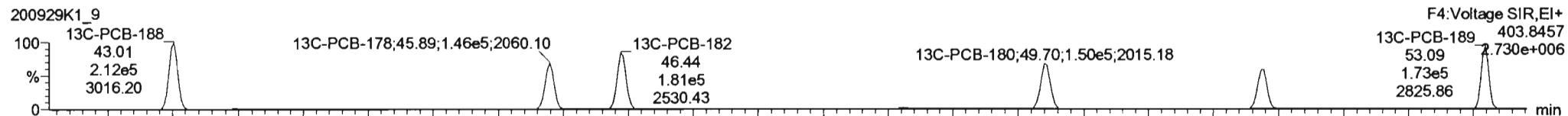
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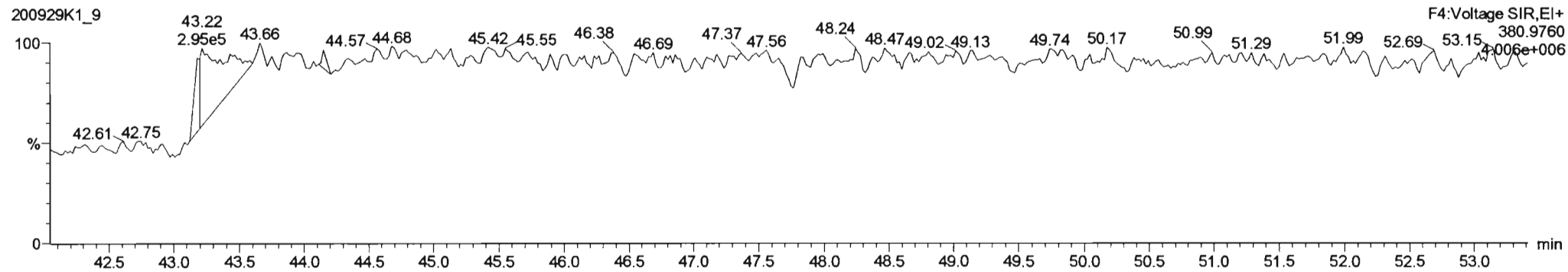
PCB-188



13C-PCB-188



PFK4c

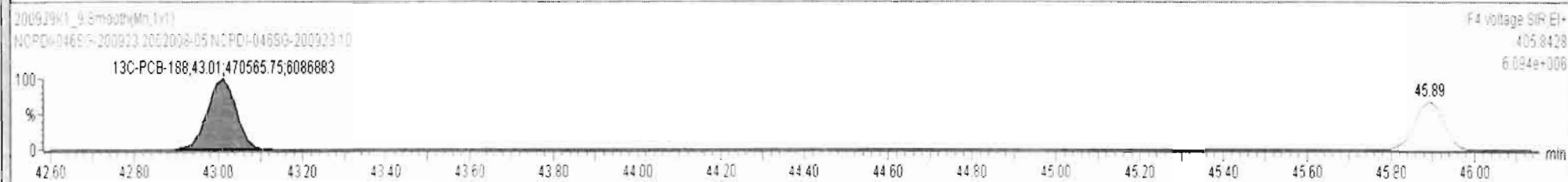
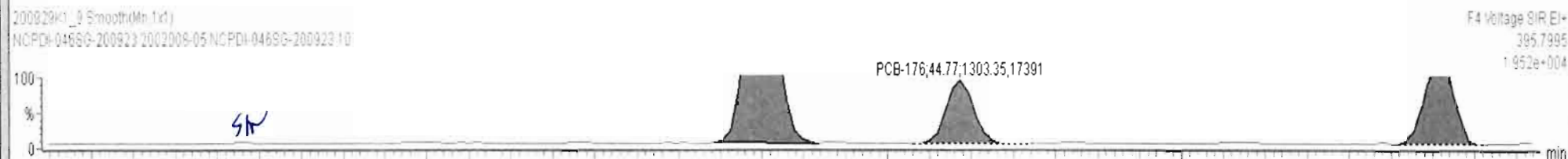
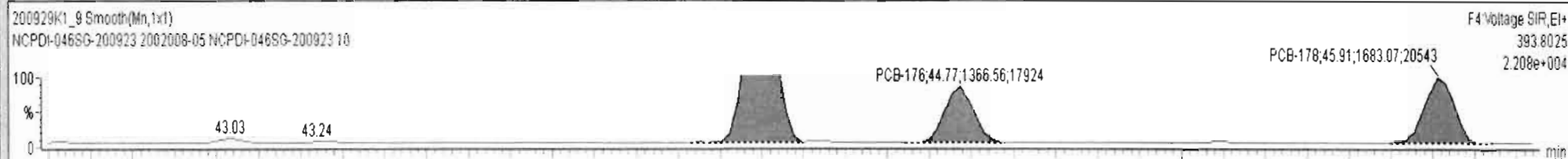




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#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	2.443	0.00		0.000		NO	867.4		16.5	878.1
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	808.2		13.9	830.7
234	234 4th Function Octa-PCBs				1.0000	2.443	0.00		0.000		NO	138.9		6.07	156.5

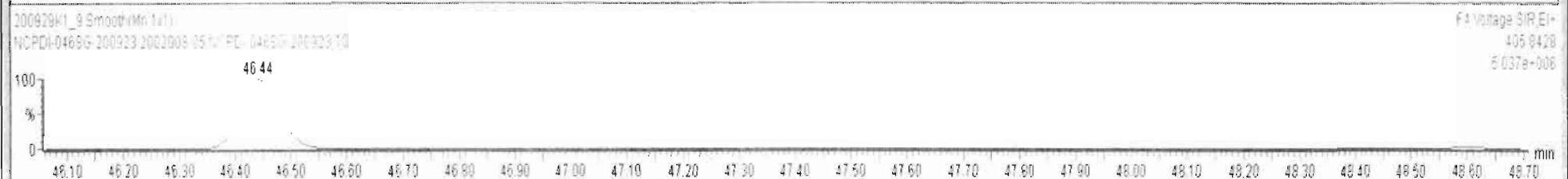
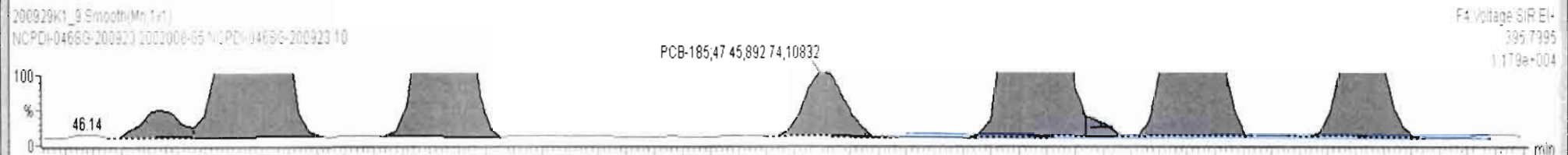
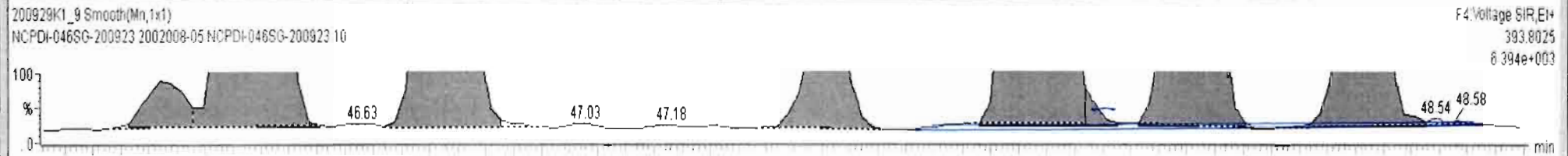
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	133 PCB-179	44.31	44.30	4.756e3	4.740e3	1.050	1.00	NO	43.848	43.848
2	134 PCB-176	44.77	44.77	1.367e3	1.303e3	1.050	1.05	NO	12.228	12.228
3	136 PCB-178	45.91	45.91	1.683e3	1.925e3	1.050	0.87	YES	20.880	0.00000
4	137 PCB-175	46.27	45.27	3.415e2	3.677e2	1.050	0.93	NO	4.4451	4.4451
5	138 PCB-182/187	46.46	46.44	1.099e4	1.135e4	1.050	0.97	NO	125.55	125.55
6	139 PCB-183	46.78	46.78	4.925e3	4.786e3	1.050	1.03	NO	56.909	56.909

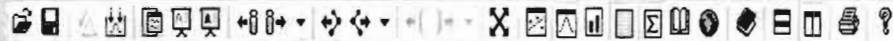


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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	806.9		13.9	830.3
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	138.9		6.07	156.5
235	235 5th Function Octa-PCBs				1.1498	2.443	0.00		0.000		NO	81.73		2.14	81.73

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	137 PCB-175	46.27	46.27	3.290e2	3.664e2	1.050	0.90	NO	4.3585	4.3585
5	138 PCB-182/187	46.48	45.44	1.101e4	1.135e4	1.050	0.97	NO	125.70	125.70
6	139 PCB-183	46.78	46.78	4.910e3	4.786e3	1.050	1.03	NO	56.821	56.821
7	140 PCB-185	47.44	47.46	9.955e2	8.927e2	1.050	1.12	NO	11.674	11.674
8	141 PCB-174	47.84	47.82	8.509e3	8.109e3	1.050	1.05	NO	106.69	106.69
9	142 PCB-181	47.94	47.92	7.963e1	1.267e2	1.050	0.62	YES	0.91630	0.00000

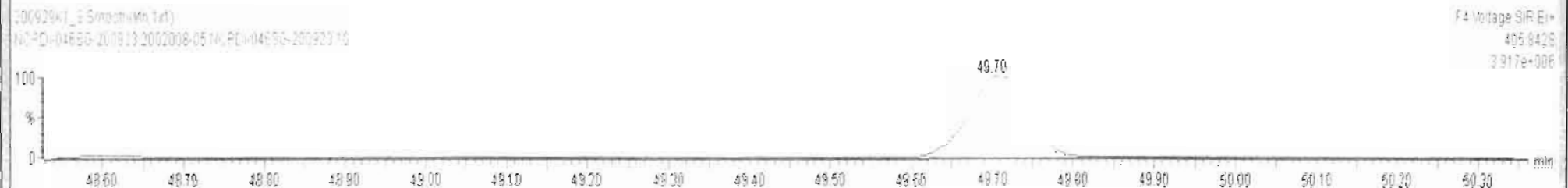
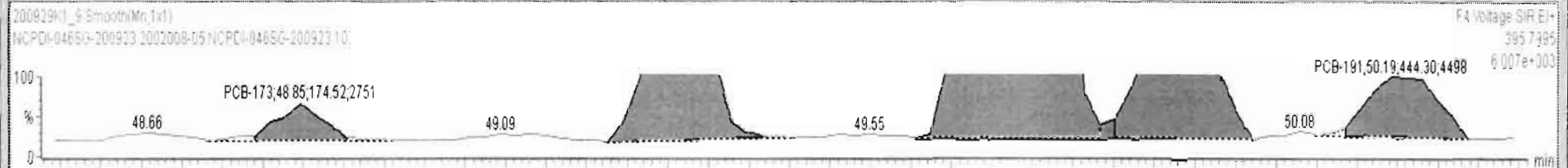
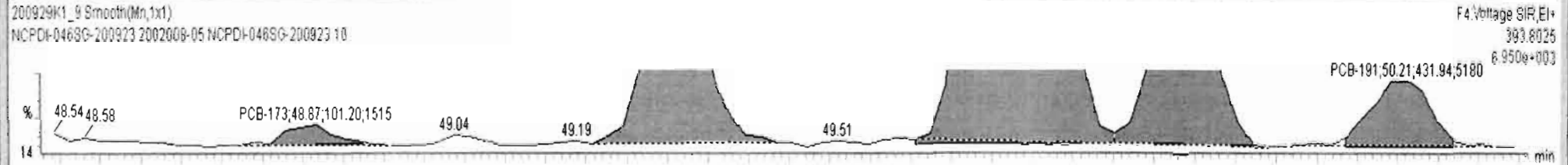




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	807.0		13.9	830.3
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	138.9		6.07	156.5
235	235 5th Function Octa-PCBs				1.1499	2.443	0.00		0.000		NO	81.73		2.14	81.73

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
12	145 PCB-173	48.84	48.87	1.012e2	1.745e2	1.050	0.58	YES	1.4431	0.00000
13	146 PCB-172	49.32	49.30	1.121e3	1.192e3	1.050	0.94	NO	14.616	14.616
14	148 PCB-180	49.72	49.72	1.811e4	1.719e4	1.050	1.05	NO	217.32	217.32
15	149 PCB-193	49.94	49.93	1.253e3	1.223e3	1.050	1.02	NO	12.834	12.834
16	150 PCB-191	50.21	50.21	4.319e2	4.443e2	1.050	0.97	NO	4.4528	4.4528

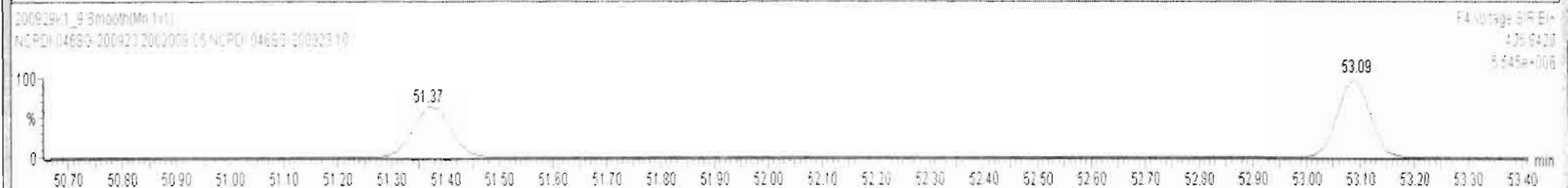
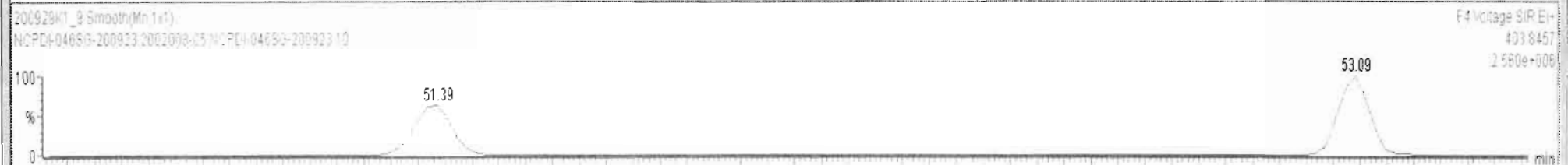
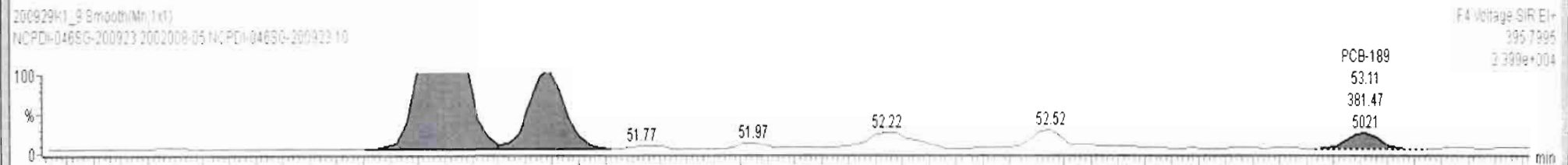
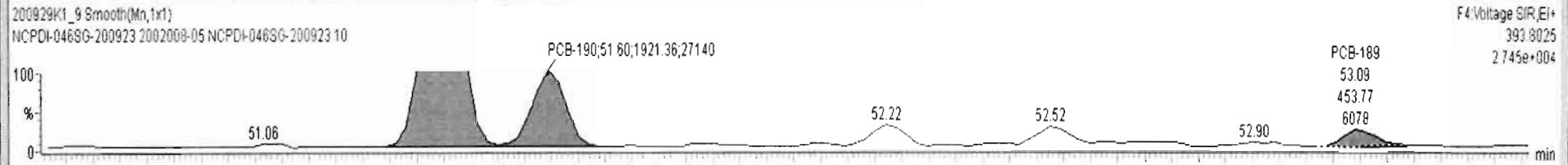




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	rvy	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	807.3		13.9	830.5
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	138.9		6.07	156.5
235	235 5th Function Octa-PCBs				1.1498	2.443	0.00		0.000		NO	81.73		2.14	81.73

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	rvy	EMPC	Conc.
16	150 PCB-191	50.21	50.21	4.319e2	4.443e2	1.050	0.97	NO	4.4528	4.4528
17	151 PCB-170	51.41	51.40	6.474e3	6.061e3	1.050	1.07	NO	89.288	89.288
18	152 PCB-190	51.62	51.60	1.921e3	1.829e3	1.050	1.05	NO	20.219	20.219
19	153 PCB-189	53.11	53.09	4.538e2	3.815e2	1.050	1.19	NO	4.2766	4.2766



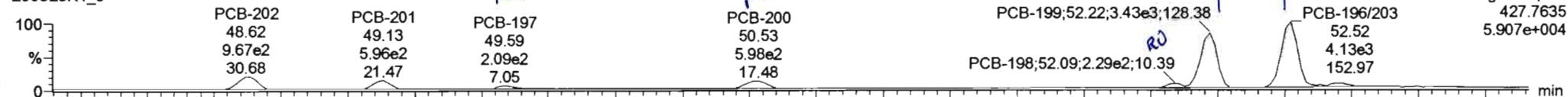
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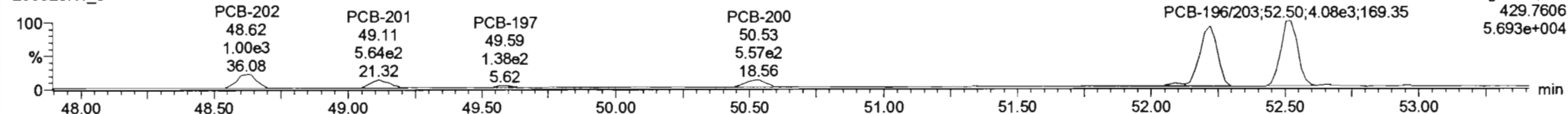
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PCB-202

200929K1_9

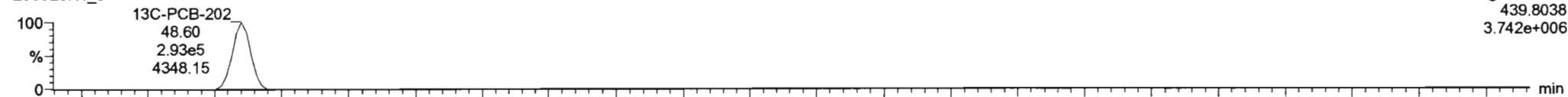


200929K1_9

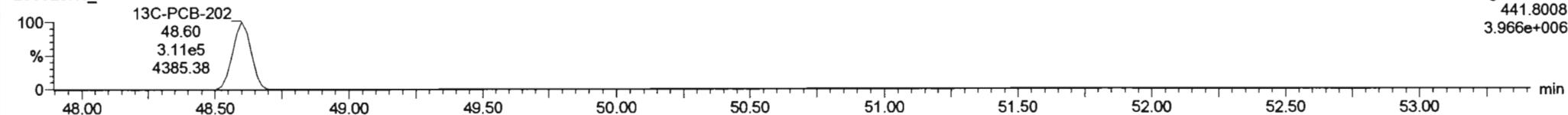


13C-PCB-202

200929K1_9

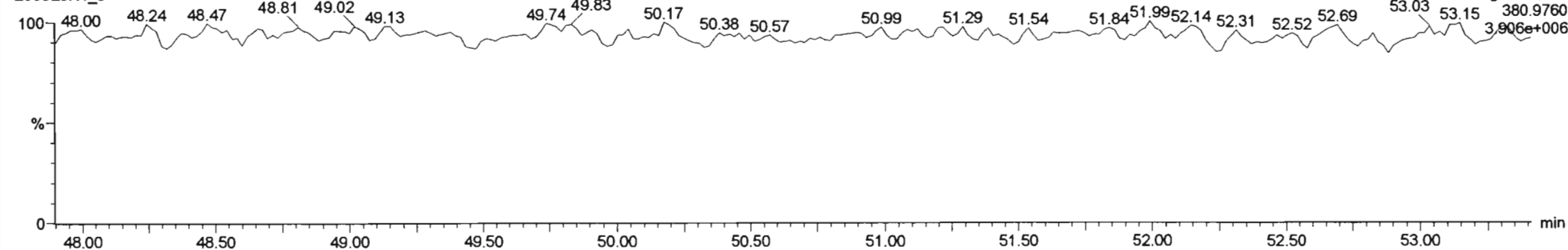


200929K1_9



PFK4d

200929K1_9

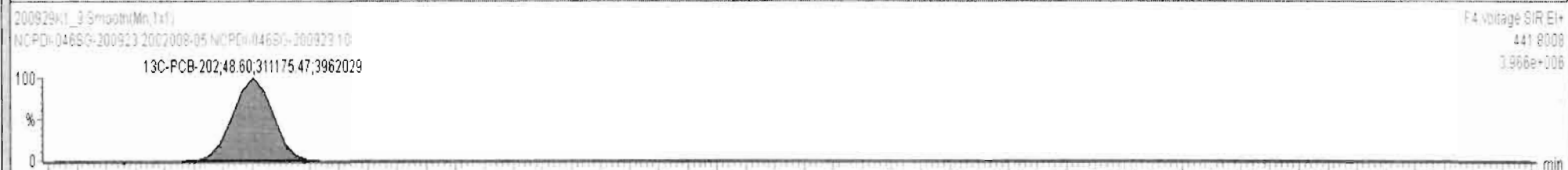
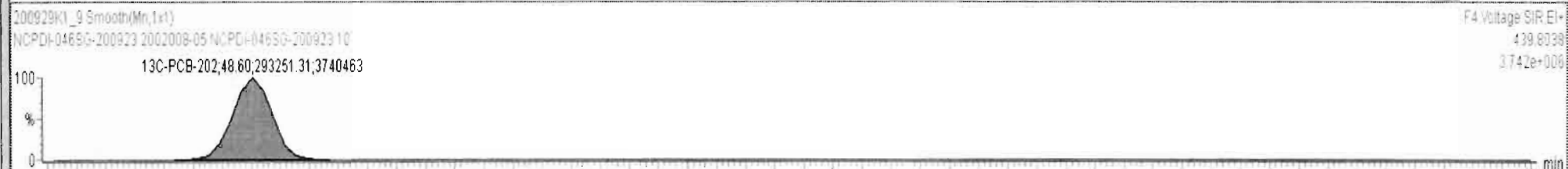
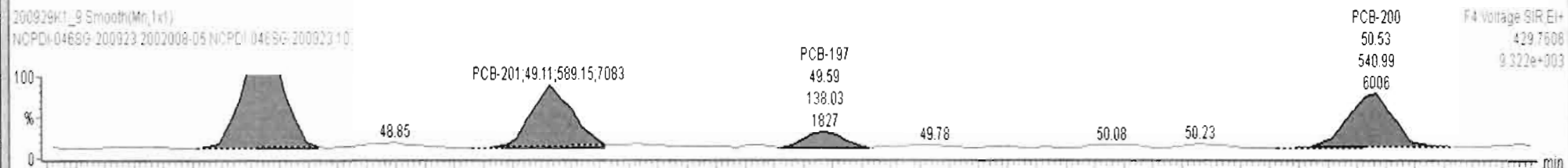
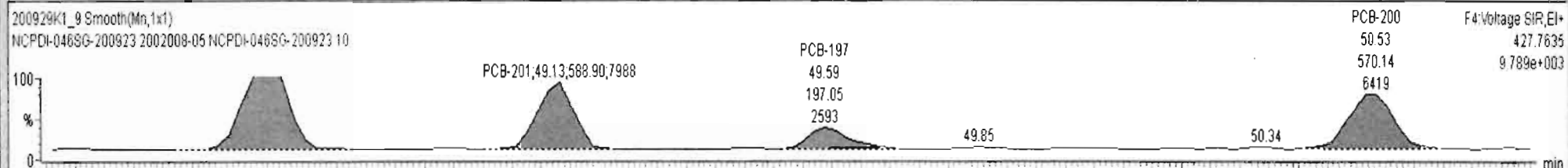


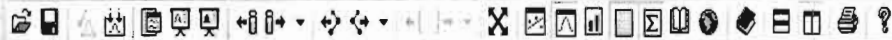


200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	807.3		13.9	830.5
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	146.5		6.07	157.0
235	235 5th Function Octa-PCBs				1.1499	2.443	0.00		0.000		NO	81.73		2.14	81.73

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.64	48.62	9.541e2	1.018e3	0.890	0.94	NO	11.433	11.433
2	155 PCB-201	49.13	49.13	5.889e2	5.892e2	0.890	1.00	NO	7.5782	7.5782
3	157 PCB-197	49.60	49.59	1.971e2	1.380e2	0.890	1.43	YES	1.5599	0.00000
4	158 PCB-200	50.54	50.53	5.701e2	5.410e2	0.890	1.05	YES	6.4694	0.00000

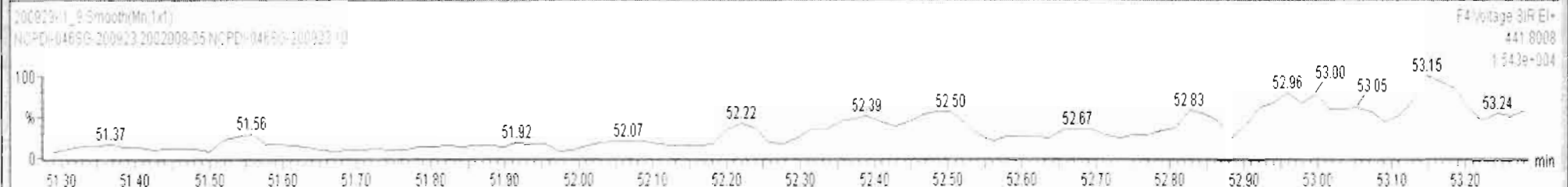
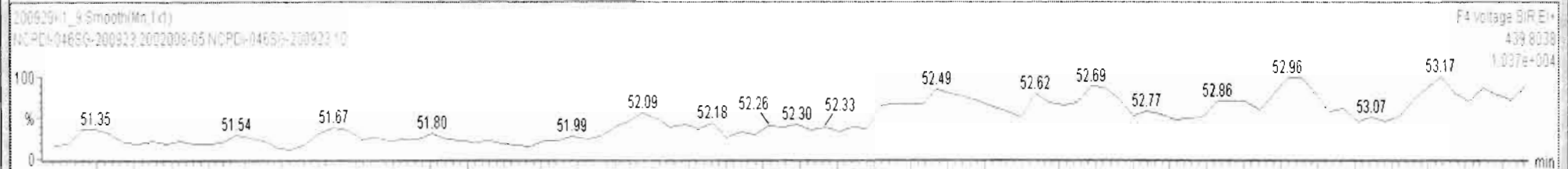
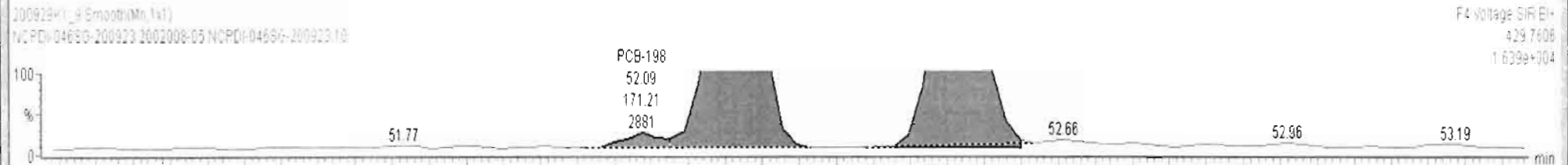
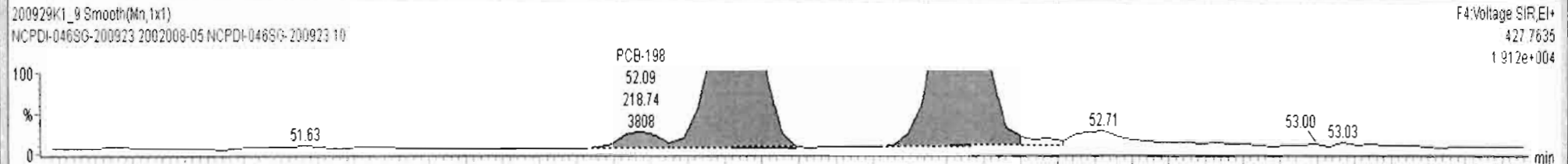




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	807.3		13.9	830.5
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	146.5		6.07	157.3
235	235 5th Function Octa-PCBs				1.1499	2.443	0.00		0.000		NO	81.73		2.14	81.73

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	n/y	EMPC	Conc.
4	158 PCB-200	50.54	50.53	5.701e2	5.410e2	0.890	1.05	YES	6.4694	0.00000
5	159 PCB-198	52.08	52.09	2.187e2	1.712e2	0.890	1.28	YES	2.7605	0.00000
6	160 PCB-199	52.22	52.22	3.451e3	3.896e3	0.890	0.89	NO	61.485	61.485
7	161 PCB-196/203	52.52	52.52	4.036e3	4.130e3	0.890	0.98	NO	65.980	65.980



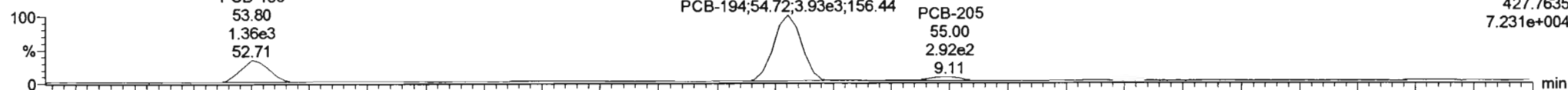
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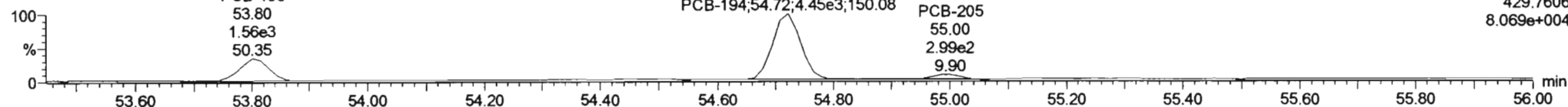
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200929K1_9

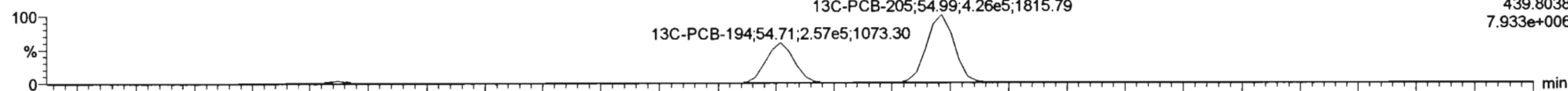


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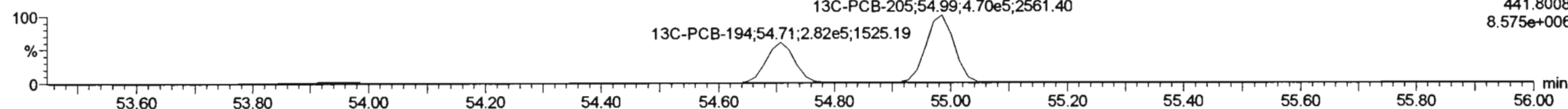


13C-PCB-194

200929K1_9

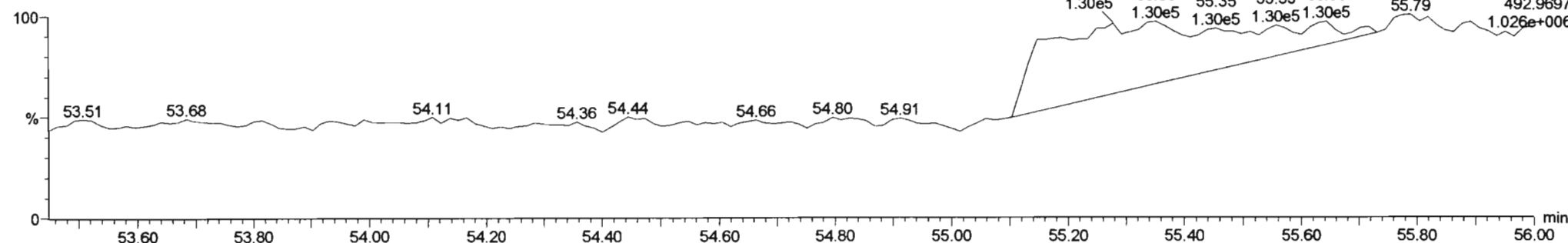


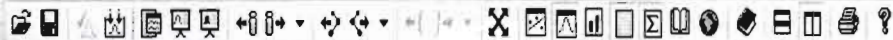
200929K1_9



PFK5a

200929K1_9

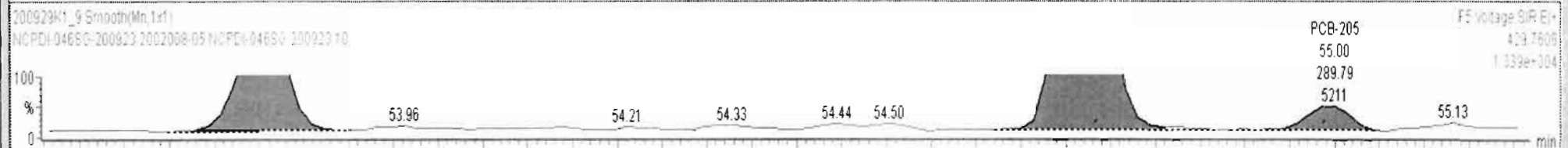
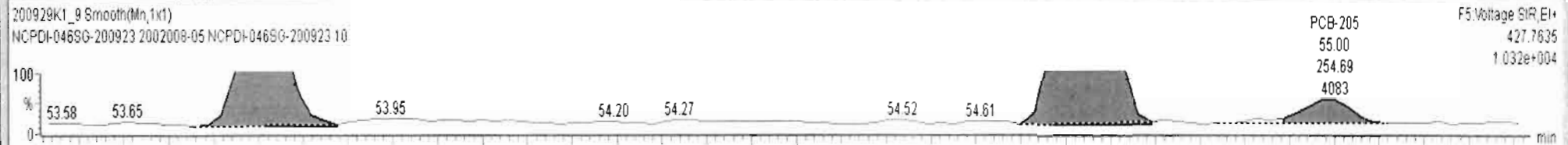




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	2.443	0.00		0.000		NO	807.3		13.9	830.5
234	234 4th Function Octa-PCBs				1.0008	2.443	0.00		0.000		NO	146.5		6.07	157.3
235	235 5th Function Octa-PCBs				1.1489	2.443	0.00		0.000		NO	81.51		2.14	81.51

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.82	53.80	1.382e3	1.535e3	0.890	0.90	NO	21.193	21.193
2	163 PCB-194	54.72	54.72	3.968e3	4.431e3	0.890	0.90	NO	57.112	57.112
3	164 PCB-205	55.00	55.00	2.547e2	2.898e2	0.890	0.88	NO	3.2045	3.2045

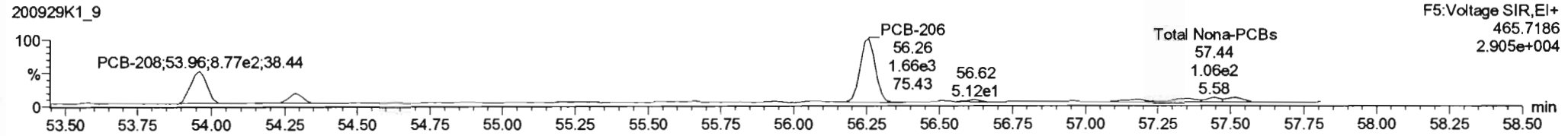
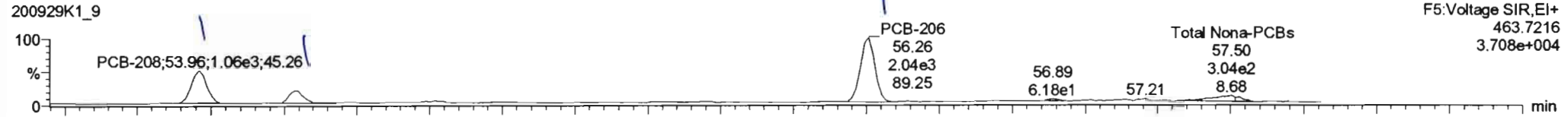


Dataset: Untitled

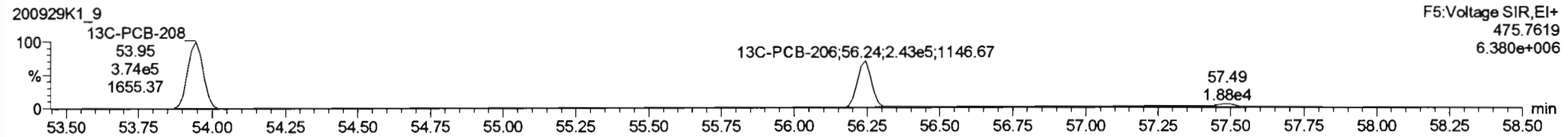
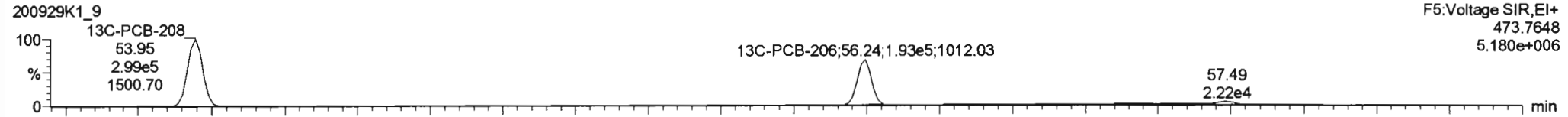
Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

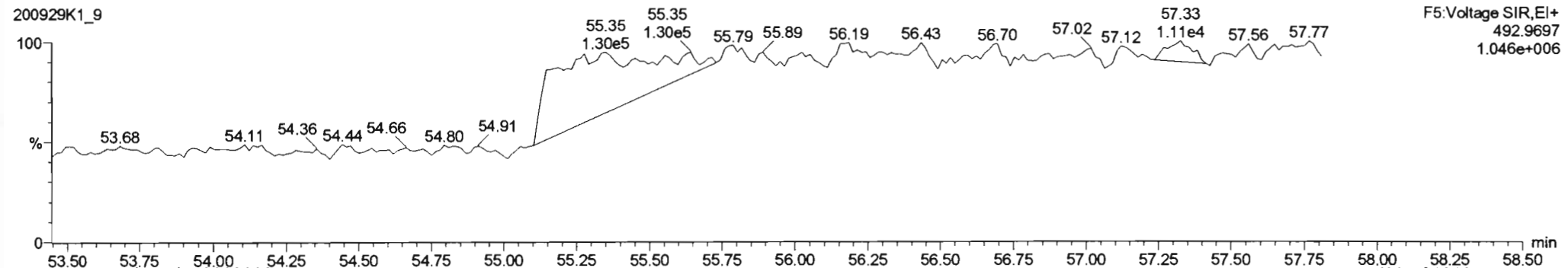
PCB-208



13C-PCB-208



PFK5

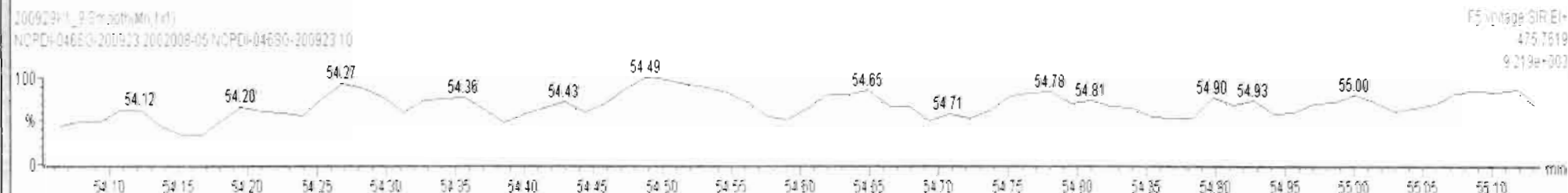
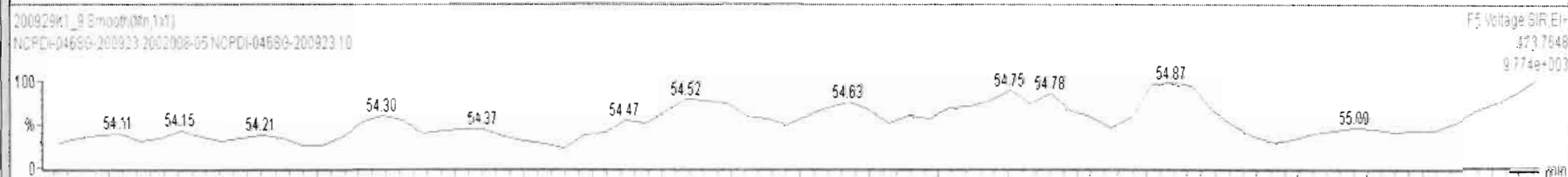
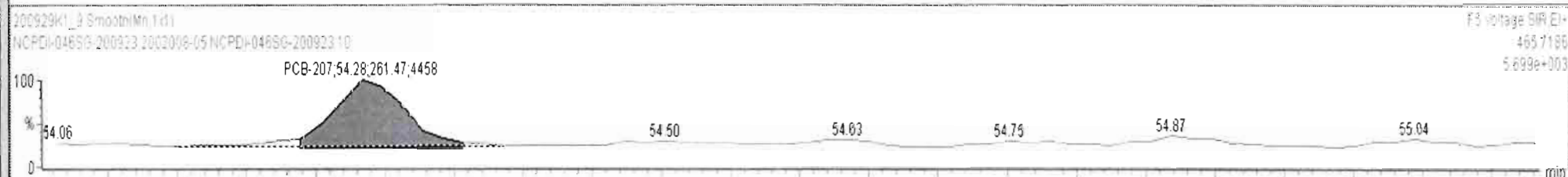
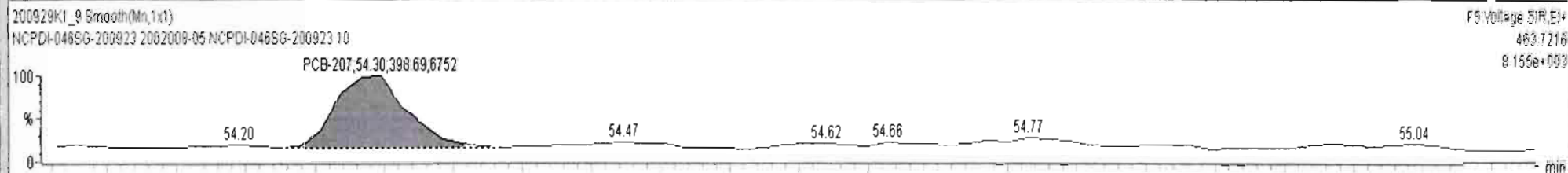




200929K1_9 - 2002008-05 NCPDI-046SG-200923 10 - NCPDI-046SG-200923

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
236	236 Total Nona-PCBs				0.9523	2.443	0.00		0.000		NO	51.50		1.95	51.50
237	237 Deca-CB				0.9864	2.443	0.00		0.000		NO	40.36		0.316	40.36
238	238 Total PCBs														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	165 PCB-208	53.96	53.96	1.058e3	8.770e2	1.340	1.21	NO	12.623	12.623
2	166 PCB-207	54.30	54.30	3.987e2	2.615e2	1.340	1.52	NO	4.3856	4.3856
3	167 PCB-206	56.26	56.26	2.044e3	1.662e3	1.340	1.23	NO	34.491	34.491



Dataset: Untitled

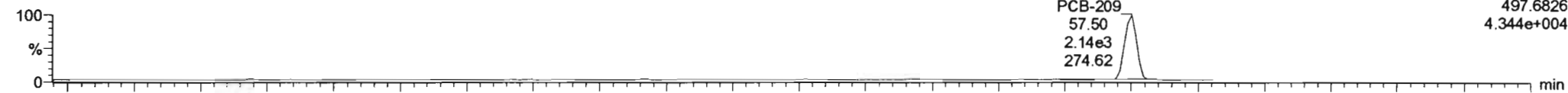
Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time

Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

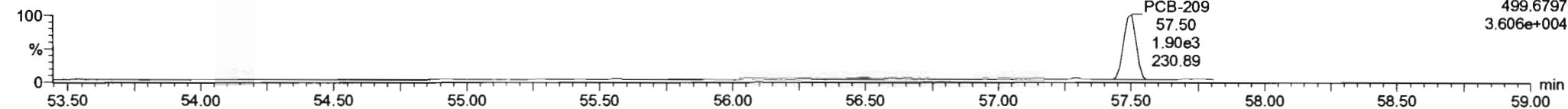
Name: 200929K1_9, Date: 29-Sep-2020, Time: 22:55:31, ID: 2002008-05 NCPDI-046SG-200923 10, Description: NCPDI-046SG-200923

PCB-209

200929K1_9

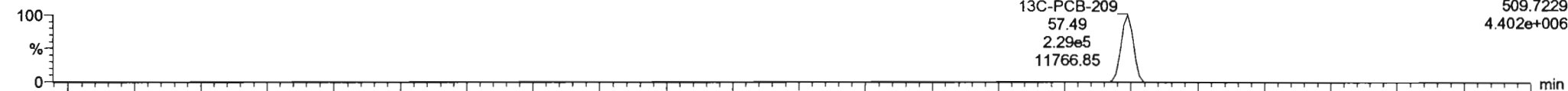


200929K1_9

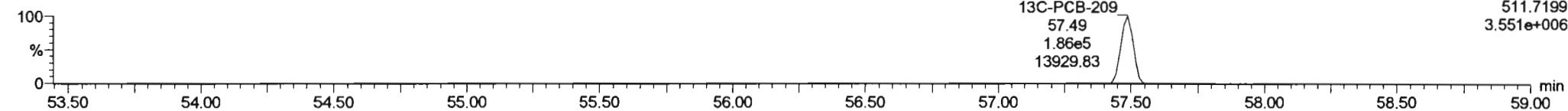


13C-PCB-209

200929K1_9

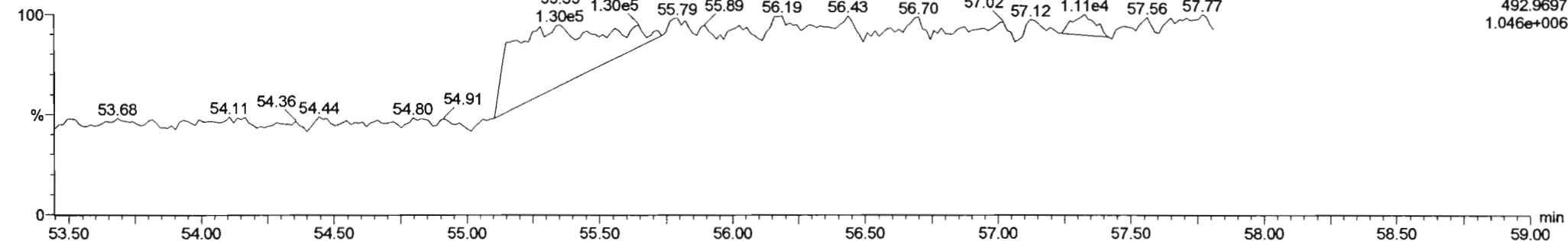


200929K1_9



PFK5b

200929K1_9



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST20100121-1

Reviewed By: Hc 10.2.2020
Initials & Date

End Calibration ID: NA

	Beg.	End
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NA
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<u>GPB</u>	<u>GPB</u>
<u>Run Log:</u>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ↓
- Samples within 12 hour clock?	<input checked="" type="checkbox"/> (Y)	N
- Bottle position verified?	<u>GPB</u>	<u>GPB</u>

	Beg.	End
Mass resolution \geq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5k 6-8K 8K 10K
1614 1699 429 1613/1668/8280

	Beg.	End
Intergrated peaks display correctly?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NA

GC Break <20% NA

8280 CS1 End Standard:

- **Ratios within limits, S/N <2.5:1, CS1 within 12 hours** NA

Comments:

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-1.qld

Last Altered: Thursday, October 01, 2020 10:19:00 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:19:14 AM Pacific Daylight Time

GRB 10/01/2020

HZ 10/2/2020

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

#	Name	Resp	IS Resp	RA	n/y	RRF	Pred.RT	RT	RT Flag	Pred.RRT	RRT	Conc.	%Rec	STD out
1	1 2,3,7,8-TCDD	1.38e5	1.43e6	0.77	NO	1.02	26.45	26.43	NO	1.001	1.001	9.4852	94.9	NO
2	2 1,2,3,7,8-PeCDD	5.06e5	1.11e6	0.61	NO	0.956	31.07	31.06	NO	1.001	1.000	47.602	95.2	NO
3	3 1,2,3,4,7,8-HxCDD	4.25e5	8.26e5	1.24	NO	1.00	34.36	34.37	NO	1.000	1.001	51.302	103	NO
4	4 1,2,3,6,7,8-HxCDD	4.16e5	9.34e5	1.19	NO	0.888	34.48	34.49	NO	1.000	1.000	50.216	100	NO
5	5 1,2,3,7,8,9-HxCDD	4.37e5	9.23e5	1.23	NO	0.909	34.75	34.76	NO	1.000	1.001	52.113	104	NO
6	6 1,2,3,4,6,7,8-HpCDD	3.35e5	7.77e5	1.02	NO	0.832	38.20	38.20	NO	1.000	1.000	51.834	104	NO
7	7 OCDD	5.43e5	1.22e6	0.87	NO	0.862	41.11	41.13	NO	1.000	1.000	102.91	103	NO
8	8 2,3,7,8-TCDF	1.48e5	1.89e6	0.73	NO	0.735	25.76	25.76	NO	1.000	1.001	10.616	106	NO
9	9 1,2,3,7,8-PeCDF	7.56e5	1.56e6	1.53	NO	0.939	29.82	29.81	NO	1.001	1.001	51.597	103	NO
10	10 2,3,4,7,8-PeCDF	7.96e5	1.48e6	1.55	NO	1.05	30.88	30.86	NO	1.001	1.000	51.083	102	NO
11	11 1,2,3,4,7,8-HxCDF	4.94e5	1.05e6	1.21	NO	0.842	33.44	33.45	NO	1.000	1.000	55.723	111	NO
12	12 1,2,3,6,7,8-HxCDF	5.16e5	1.03e6	1.21	NO	0.894	33.58	33.59	NO	1.000	1.001	56.117	112	NO
13	13 2,3,4,6,7,8-HxCDF	4.83e5	9.80e5	1.21	NO	0.870	34.26	34.25	NO	1.001	1.000	56.706	113	NO
14	14 1,2,3,7,8,9-HxCDF	4.49e5	9.41e5	1.20	NO	0.855	35.27	35.26	NO	1.001	1.000	55.817	112	NO
15	15 1,2,3,4,6,7,8-HpCDF	3.88e5	7.96e5	0.99	NO	0.891	36.86	36.85	NO	1.001	1.001	54.719	109	NO
16	16 1,2,3,4,7,8,9-HpCDF	3.36e5	6.09e5	1.00	NO	1.00	38.81	38.82	NO	1.000	1.000	55.168	110	NO
17	17 OCDF	5.60e5	1.28e6	0.88	NO	0.784	41.41	41.42	NO	1.000	1.000	111.80	112	NO
18	18 13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.78	NO	1.15	26.40	26.42	NO	1.029	1.029	98.361	98.4	NO
19	19 13C-1,2,3,7,8-PeCDD	1.11e6	1.26e6	0.62	NO	0.887	30.99	31.05	NO	1.207	1.210	99.241	99.2	NO
20	20 13C-1,2,3,4,7,8-HxCDD	8.26e5	1.04e6	1.27	NO	0.801	34.36	34.35	NO	1.014	1.014	98.766	98.8	NO
21	21 13C-1,2,3,6,7,8-HxCDD	9.34e5	1.04e6	1.27	NO	0.892	34.49	34.48	NO	1.018	1.017	100.25	100	NO
22	22 13C-1,2,3,7,8,9-HxCDD	9.23e5	1.04e6	1.26	NO	0.882	34.75	34.74	NO	1.025	1.025	100.20	100	NO
23	23 13C-1,2,3,4,6,7,8-HpCDD	7.77e5	1.04e6	1.04	NO	0.719	38.18	38.19	NO	1.127	1.127	103.45	103	NO
24	24 13C-OCDD	1.22e6	1.04e6	0.90	NO	0.563	41.11	41.11	NO	1.213	1.213	208.14	104	NO
25	25 13C-2,3,7,8-TCDF	1.89e6	1.85e6	0.77	NO	1.01	25.75	25.74	NO	1.003	1.003	101.20	101	NO
26	26 13C-1,2,3,7,8-PeCDF	1.56e6	1.85e6	1.57	NO	0.814	29.75	29.80	NO	1.159	1.161	103.47	103	NO
27	27 13C-2,3,4,7,8-PeCDF	1.48e6	1.85e6	1.60	NO	0.768	30.79	30.85	NO	1.200	1.202	104.24	104	NO
28	28 13C-1,2,3,4,7,8-HxCDF	1.05e6	1.04e6	0.50	NO	0.993	33.44	33.44	NO	0.987	0.987	101.52	102	NO
29	29 13C-1,2,3,6,7,8-HxCDF	1.03e6	1.04e6	0.51	NO	0.990	33.58	33.57	NO	0.991	0.991	99.540	99.5	NO
30	30 13C-2,3,4,6,7,8-HxCDF	9.80e5	1.04e6	0.51	NO	0.944	34.25	34.24	NO	1.011	1.010	99.379	99.4	NO
31	31 13C-1,2,3,7,8,9-HxCDF	9.41e5	1.04e6	0.51	NO	0.842	35.27	35.25	NO	1.041	1.040	107.08	107	NO

Dataset: U:\VG12.PRO\Results\201001R1\201001R1-1.qld

Last Altered: Thursday, October 01, 2020 10:19:00 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:19:14 AM Pacific Daylight Time

Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

	# Name	Resp	IS Resp	RA	n/y	RRF	Pred.RT	RT	RT Flag	Pred.RRT	RRT	Conc.	%Rec	STD out
32	32 13C-1,2,3,4,6,7,8-HpCDF	7.96e5	1.04e6	0.44	NO	0.687	36.86	36.83	NO	1.087	1.087	111.02	111	NO
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.09e5	1.04e6	0.43	NO	0.555	38.80	38.81	NO	1.145	1.145	105.21	105	NO
34	34 13C-OCDF	1.28e6	1.04e6	0.87	NO	0.608	41.39	41.41	NO	1.221	1.222	201.10	101	NO
35	35 37Cl-2,3,7,8-TCDD	1.50e5	1.26e6			1.18	26.44	26.43	NO	1.030	1.030	10.085	101	NO
36	36 13C-1,2,3,4-TCDD	1.26e6	1.26e6	0.79	NO	1.00	25.74	25.67	NO	1.000	1.000	100.00	100	NO
37	37 13C-1,2,3,4-TCDF	1.85e6	1.85e6	0.78	NO	1.00	24.31	24.20	NO	1.000	1.000	100.00	100	NO
38	38 13C-1,2,3,4,6,9-HxCDF	1.04e6	1.04e6	0.50	NO	1.00	33.92	33.89	NO	1.000	1.000	100.00	100	YES <i>ok</i>

Dataset: Untitled

Last Altered: Friday, October 02, 2020 7:03:28 AM Pacific Daylight Time

Printed: Friday, October 02, 2020 7:03:31 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\ldbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

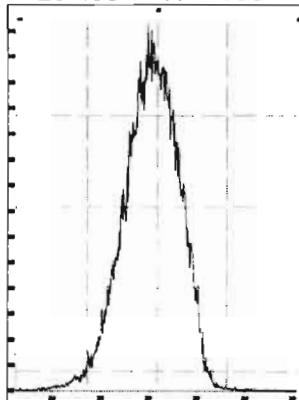
Compound name: 2,3,7,8-TCDD

	Name	ID	Acq.Date	Acq.Time
1	201001R1_1	ST201001R1_1 1613 CS3 20F1105	01-Oct-20	09:30:28
2	201001R1_2	TCDF CPSM	01-Oct-20	10:16:16
3	201001R1_3	B0I0200-BS1 OPR 10	01-Oct-20	10:59:48
4	201001R1_4	B0I0198-BS1 OPR 10	01-Oct-20	11:43:27
5	201001R1_5	SOLVENT BLANK	01-Oct-20	12:27:50
6	201001R1_6	SOLVENT BLANK	01-Oct-20	13:11:19
7	201001R1_7	B0I0200-BLK1 Method Blank 10	01-Oct-20	13:55:02
8	201001R1_8	B0I0198-BLK1 Method Blank 10	01-Oct-20	14:38:40
9	201001R1_9	2002007-01 NCPDI-016SG-200924 12.17	01-Oct-20	15:22:54
10	201001R1_10	2002007-02 NCPDI-019SG-200924 14.14	01-Oct-20	16:06:33
11	201001R1_11	2002007-03 NCPDI-069SG-200924 12.35	01-Oct-20	16:50:09
12	201001R1_12	2002008-01 NCPDI-009SG-200923 11.12	01-Oct-20	17:33:51
13	201001R1_13	2002008-02 NCPDI-010SG-200923 10.9	01-Oct-20	18:17:33
14	201001R1_14	2002008-03 NCPDI-015SG-200923 10.11	01-Oct-20	19:01:13
15	201001R1_15	2002008-04 NCPDI-028SG-200923 10.81	01-Oct-20	19:44:54
16	201001R1_16	2002008-05 NCPDI-046SG-200923 11.11	01-Oct-20	20:28:36

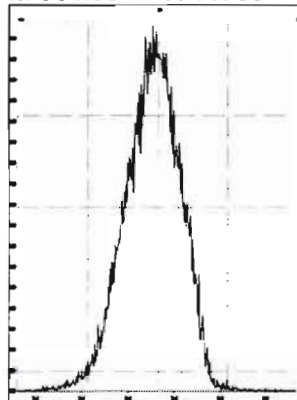
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Thursday, October 01, 2020 09:27:14 Pacific Daylight Time

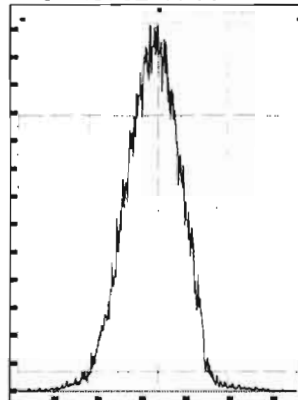
M 292.9824 R 11363



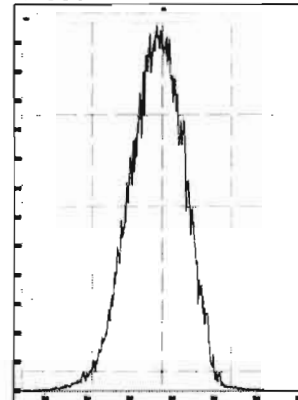
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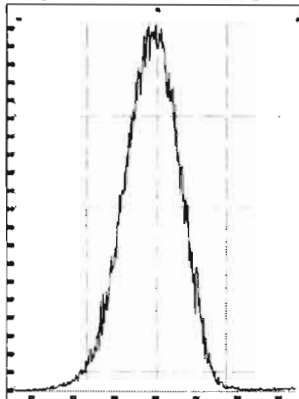
M 318.9792 R 11792



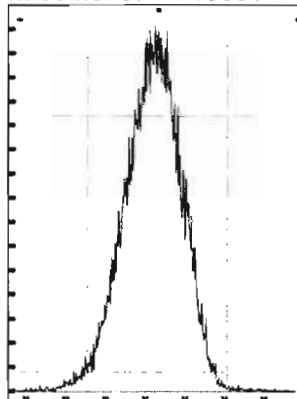
M 330.9792 R 11213



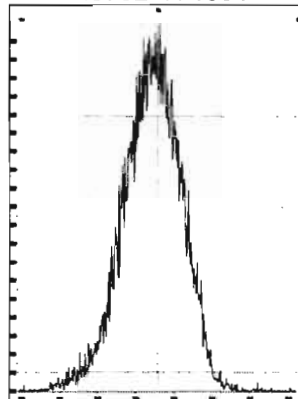
M 342.9792 R 10916



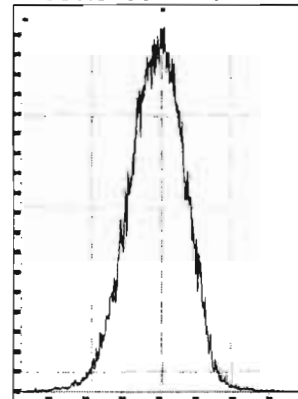
M 354.9792 R 10681



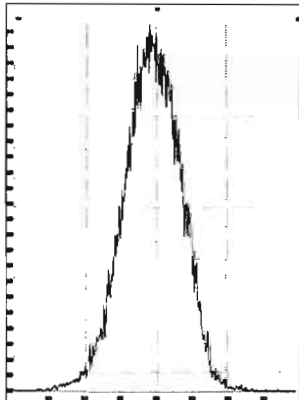
M 366.9792 R 10916



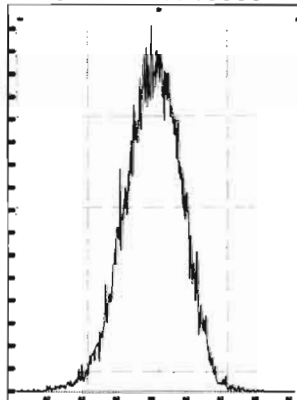
M 380.9760 R 10777



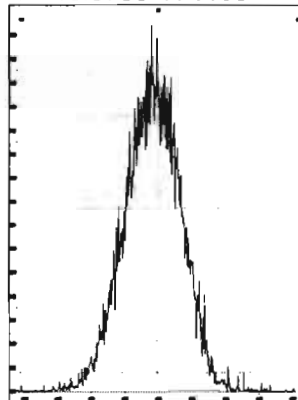
M 392.9760 R 11210



M 404.9760 R 10866



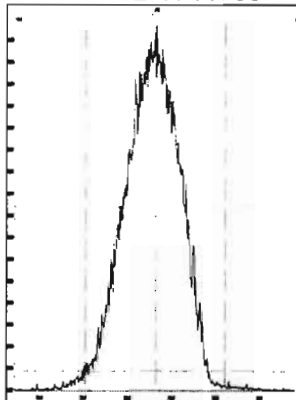
M 416.9760 R 11362



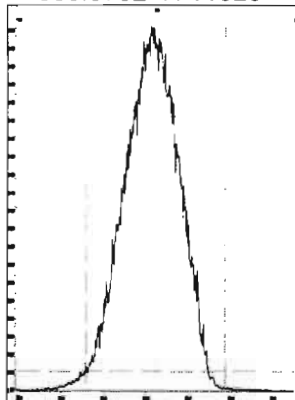
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Thursday, October 01, 2020 09:27:45 Pacific Daylight Time

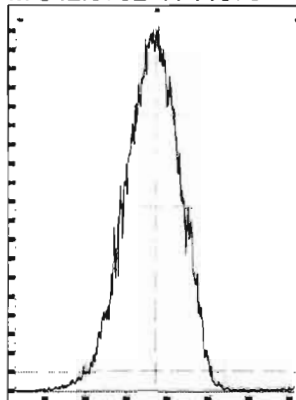
M 318.9792 R 11788



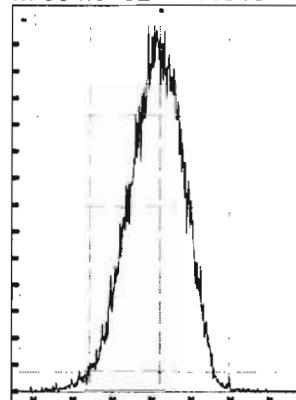
M 330.9792 R 11626



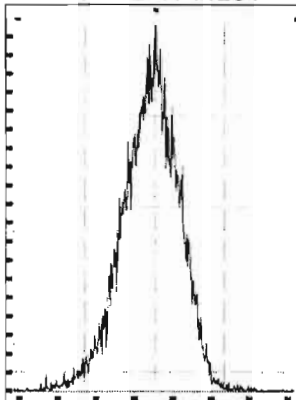
M 342.9792 R 11575



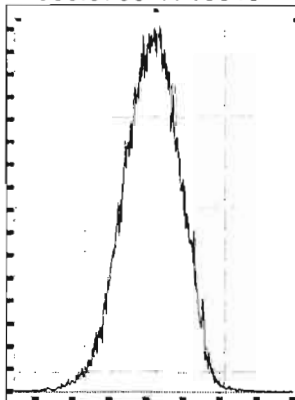
M 354.9792 R 11310



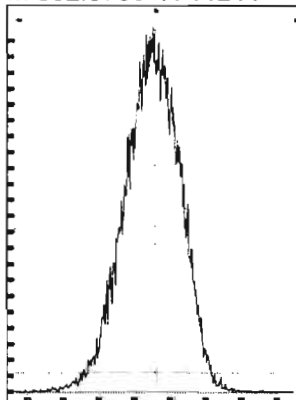
M 366.9792 R 11261



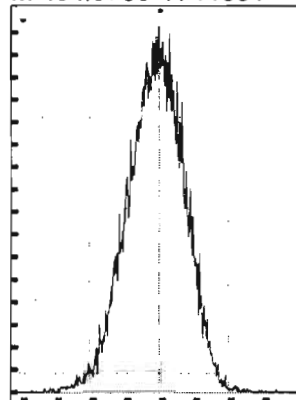
M 380.9760 R 10919



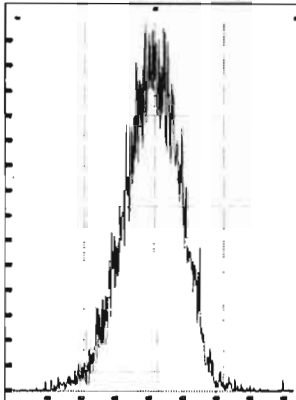
M 392.9760 R 11211



M 404.9760 R 11361



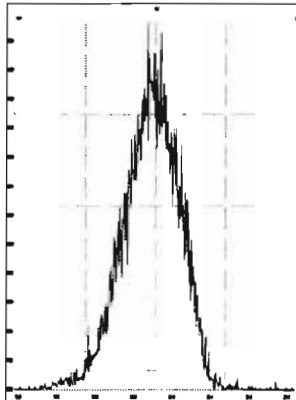
M 416.9760 R 11062



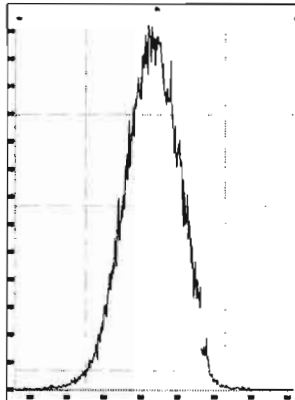
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Thursday, October 01, 2020 09:28:09 Pacific Daylight Time

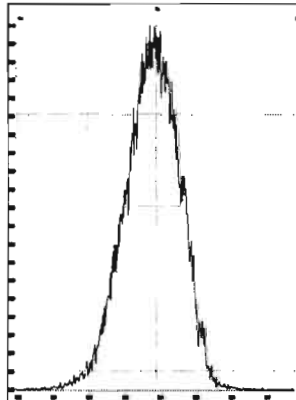
M 366.9792 R 11521



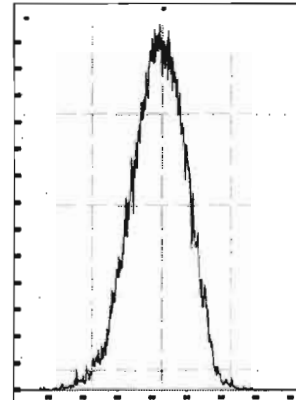
M 380.9760 R 11367



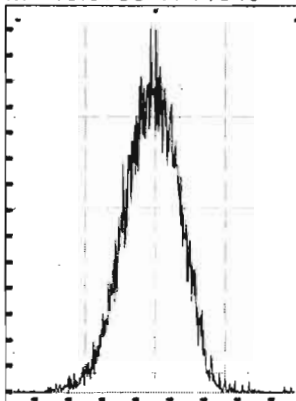
M 392.9760 R 11628



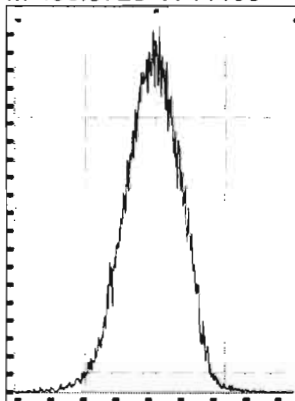
M 404.9760 R 11414



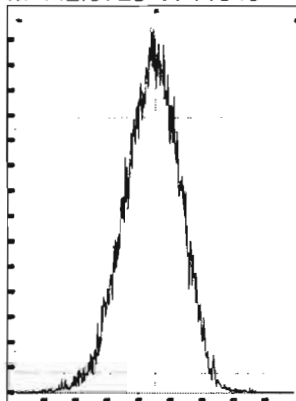
M 416.9760 R 11849



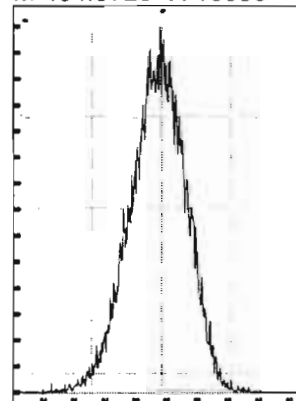
M 430.9728 R 11159



M 442.9728 R 11849



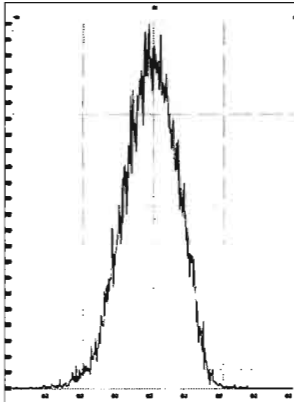
M 454.9728 R 10963



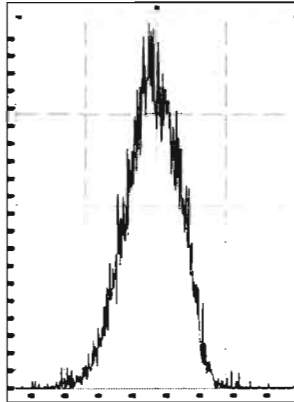
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Thursday, October 01, 2020 09:28:37 Pacific Daylight Time

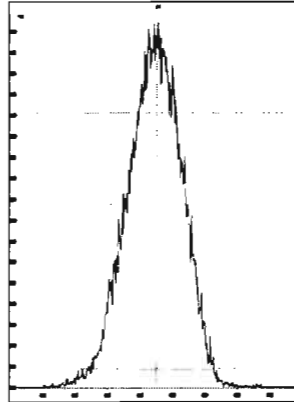
M 404.9760 R 11961



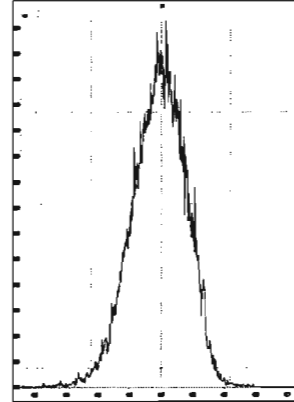
M 416.9760 R 11313



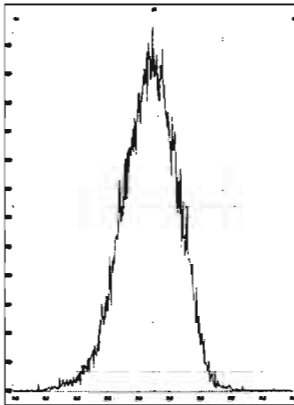
M 430.9728 R 11415



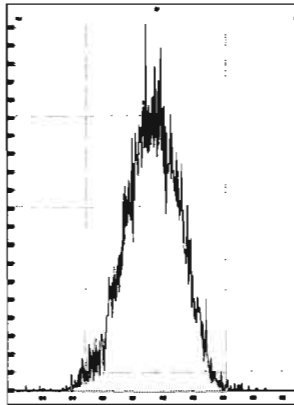
M 442.9728 R 11734



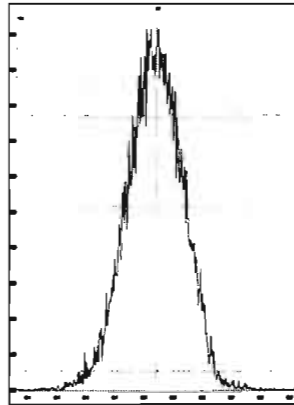
M 454.9728 R 10920



M 466.9728 R 12074



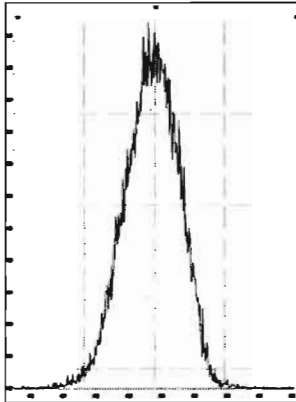
M 480.9696 R 11160



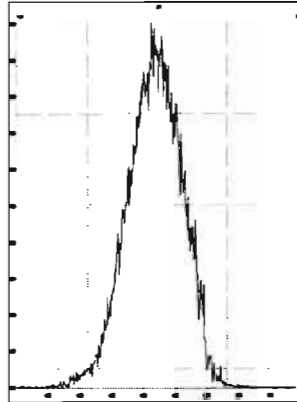
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Thursday, October 01, 2020 09:29:03 Pacific Daylight Time

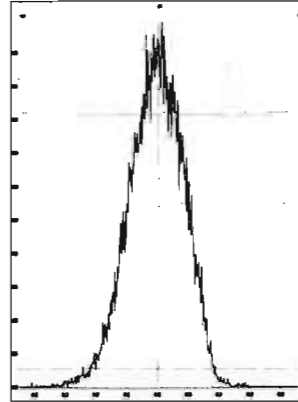
M 430.9728 R 11738



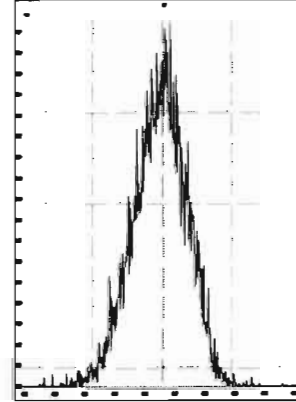
M 442.9728 R 11740



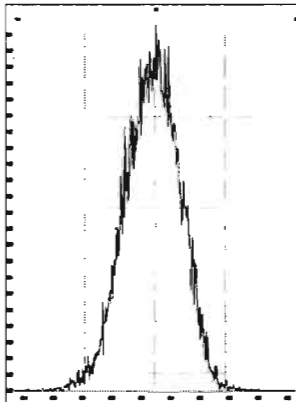
M 454.9728 R 11849



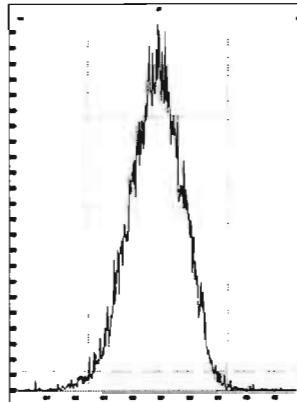
M 466.9728 R 12076



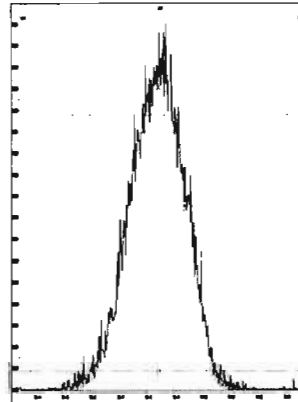
M 480.9696 R 11789



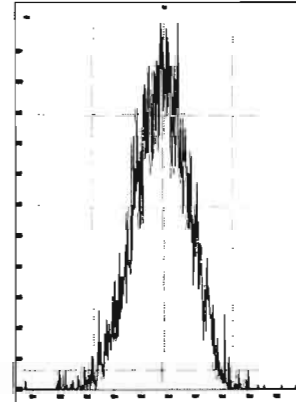
M 492.9696 R 11573



M 504.9696 R 11737



M 516.9697 R 12190



Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:19:55 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:20:11 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 20 Sep 2020 10:23:28

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

#	Name	RT
1	1 1,3,6,8-TCDD (First)	22.72
2	2 1,2,8,9-TCDD (Last)	27.31
3	3 1,2,4,7,9-PeCDD (First)	28.82
4	4 1,2,3,8,9-PeCDD (Last)	31.41
5	5 1,2,4,6,7,9-HxCDD (First)	32.72
6	6 1,2,3,7,8,9-HxCDD (Last)	34.76
7	7 1,2,3,4,6,7,9-HpCDD (First)	37.23
8	8 1,2,3,4,6,7,8-HpCDD (Last)	38.20
9	9 1,3,6,8-TCDF (First)	20.47
10	10 1,2,8,9-TCDF (Last)	27.61
11	11 1,3,4,6,8-PeCDF (First)	27.19
12	12 1,2,3,8,9-PeCDF (Last)	31.76
13	13 1,2,3,4,6,8-HxCDF (First)	32.19
14	14 1,2,3,7,8,9-HxCDF (Last)	35.26
15	15 1,2,3,4,6,7,8-HpCDF (First)	36.85
16	16 1,2,3,4,7,8,9-HpCDF (Last)	38.82

Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:19:55 AM Pacific Daylight Time
Printed: Thursday, October 01, 2020 10:20:11 AM Pacific Daylight Time

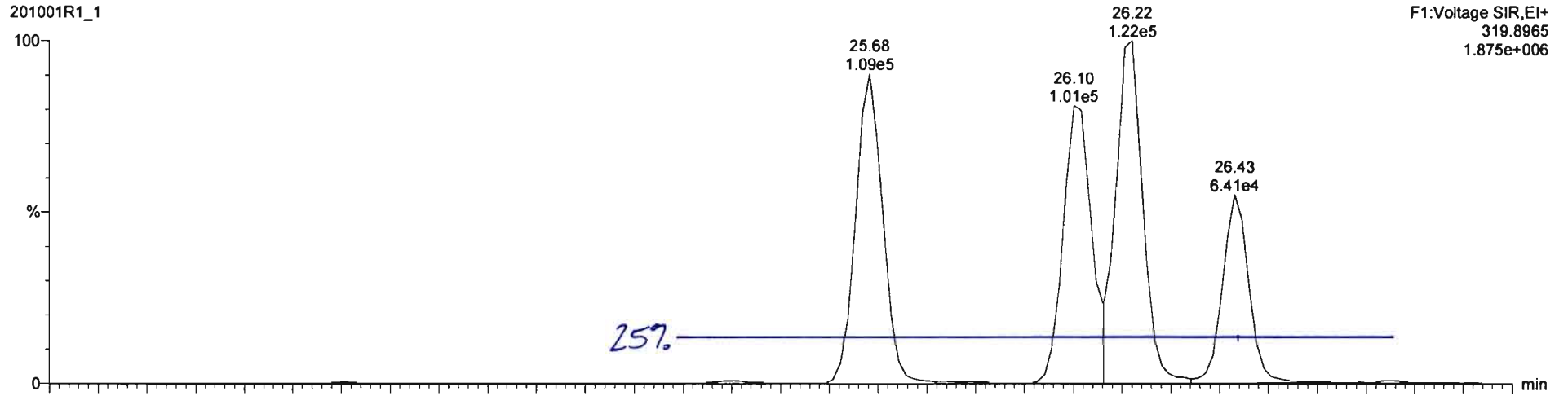
GPB 10/01/2020
HZ 10.2.2020

Method: U:\VG12.PRO\MethDB\CPSM.mdb 20 Sep 2020 10:23:28
Calibration: U:\VG12.PRO\CurveDB\ldbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

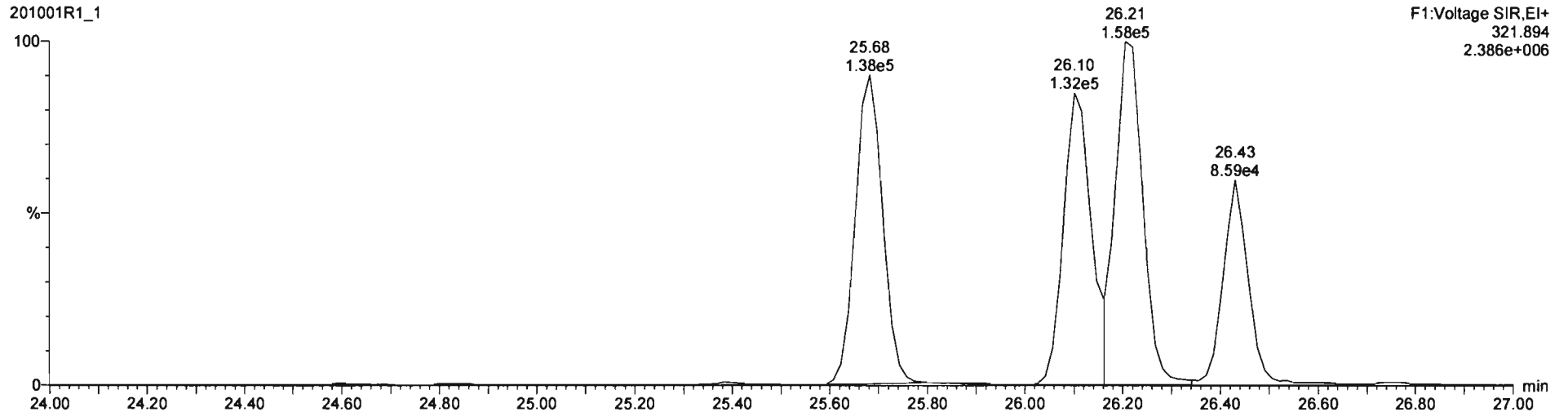
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

1,3,6,8-TCDD (First)

201001R1_1



201001R1_1

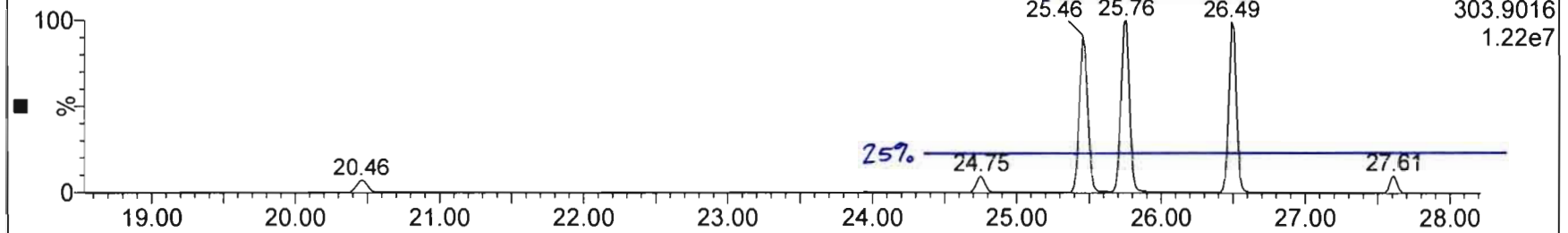


GPB 10/01/2020

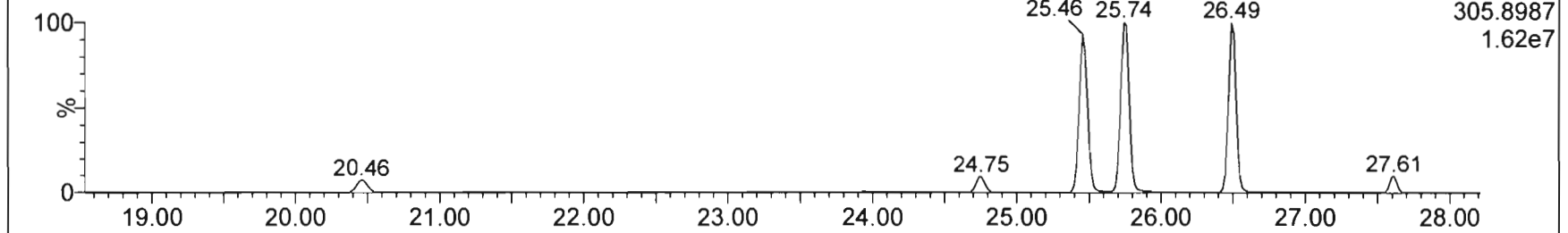
Hr 10-1-2020

TCDF CPSM QC

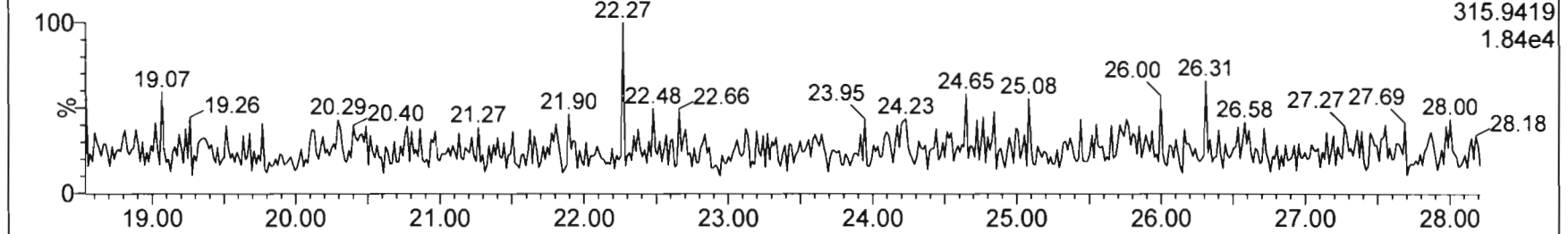
201001R1_2



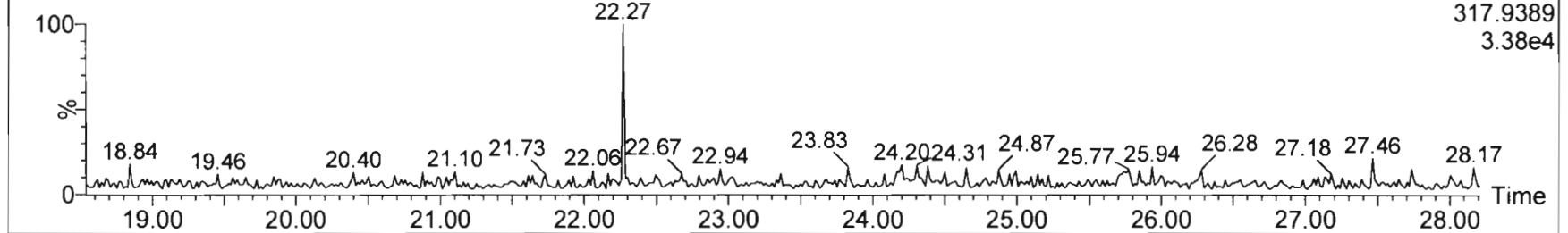
201001R1_2



201001R1_2



201001R1_2



Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

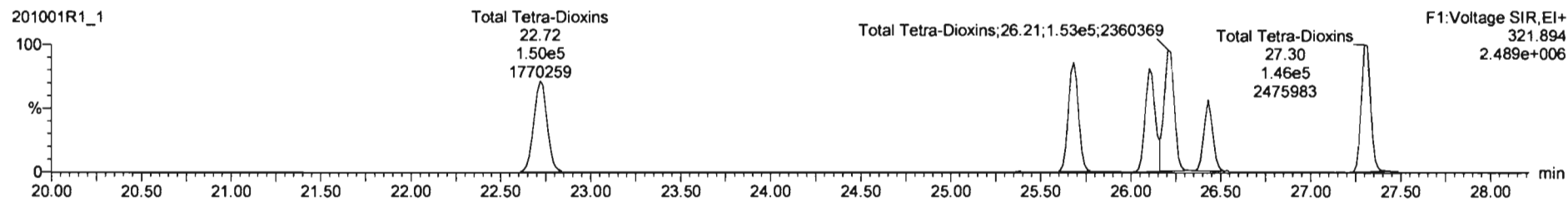
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

2,3,7,8-TCDD

201001R1_1

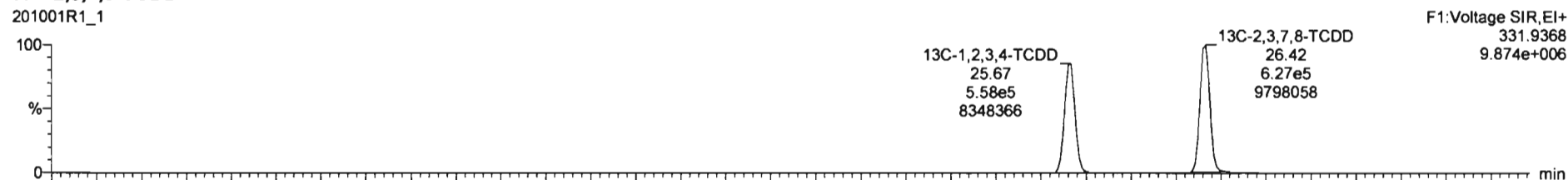


201001R1_1

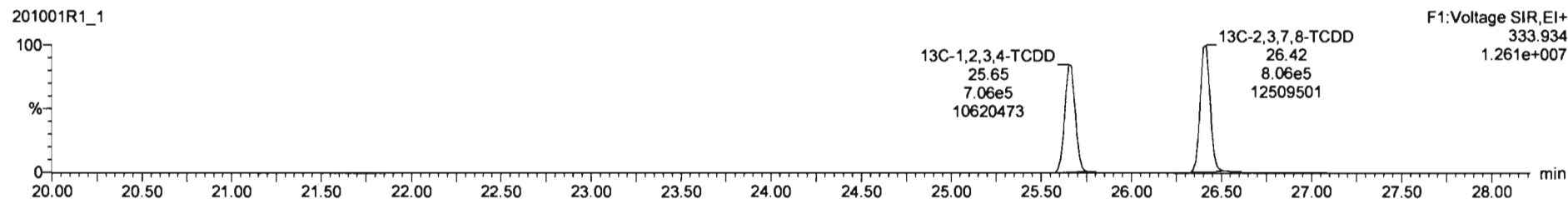


13C-2,3,7,8-TCDD

201001R1_1



201001R1_1



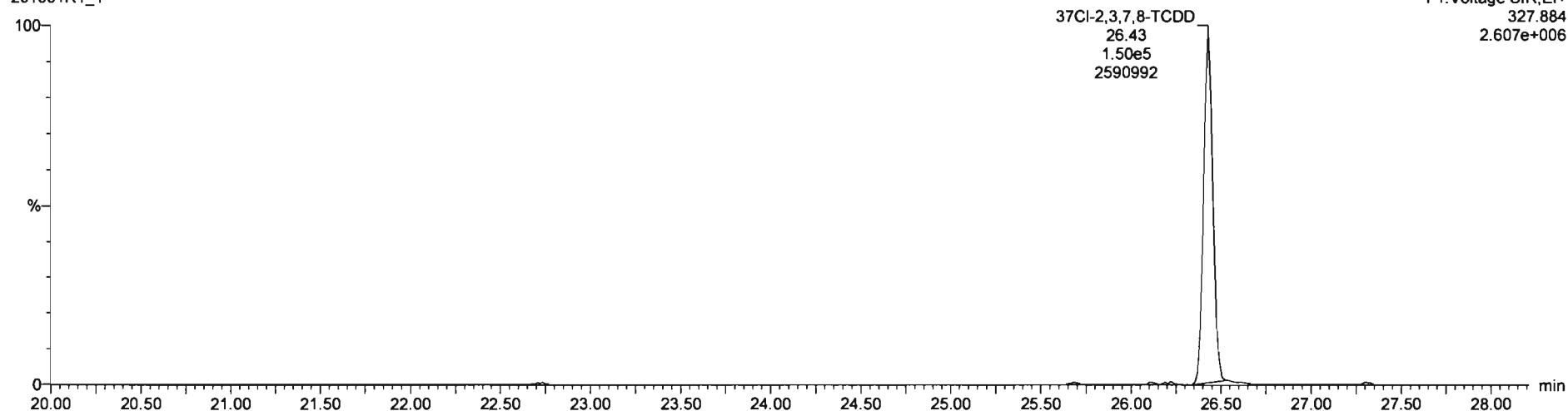
Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time
Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

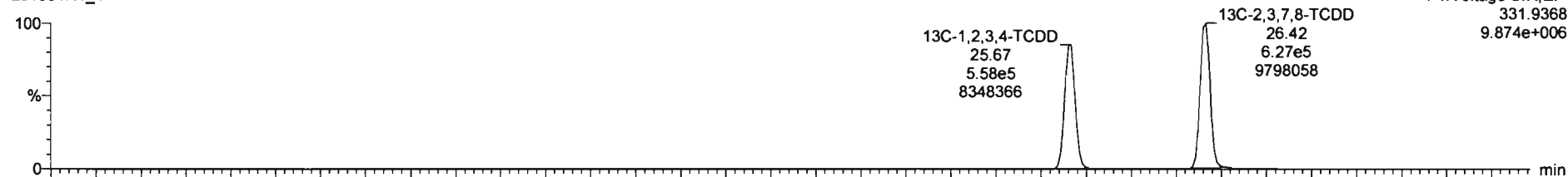
37Cl-2,3,7,8-TCDD

201001R1_1

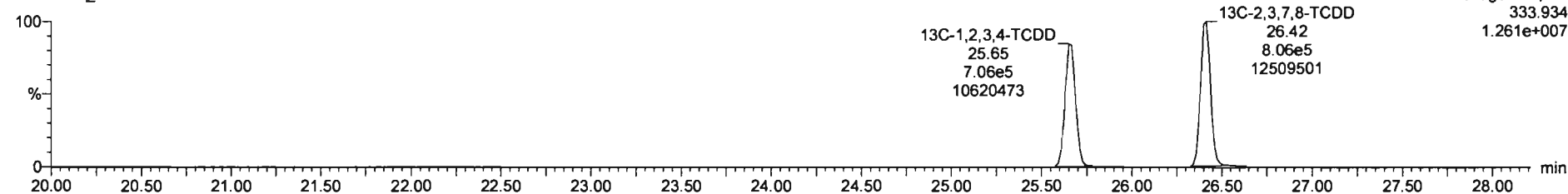


13C-1,2,3,4-TCDD

201001R1_1



201001R1_1



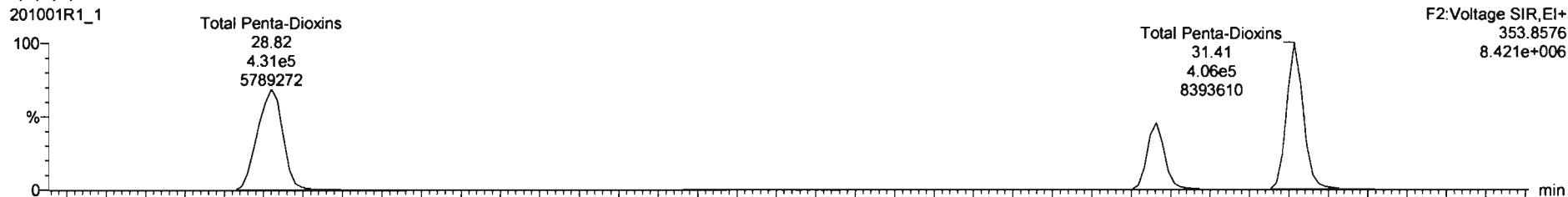
Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time
Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

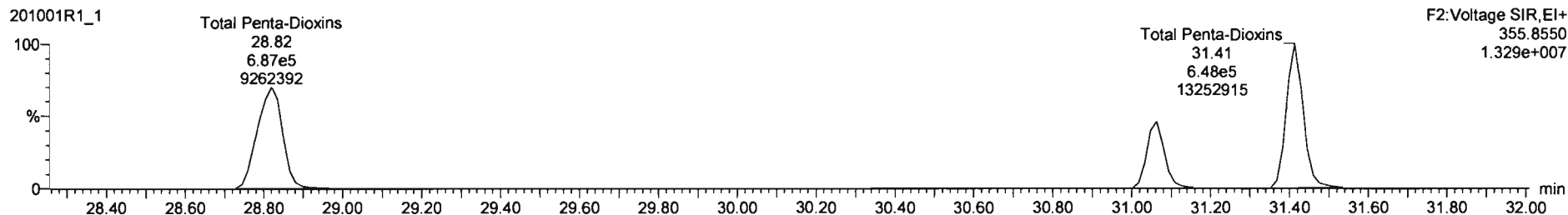
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

1,2,3,7,8-PeCDD

201001R1_1

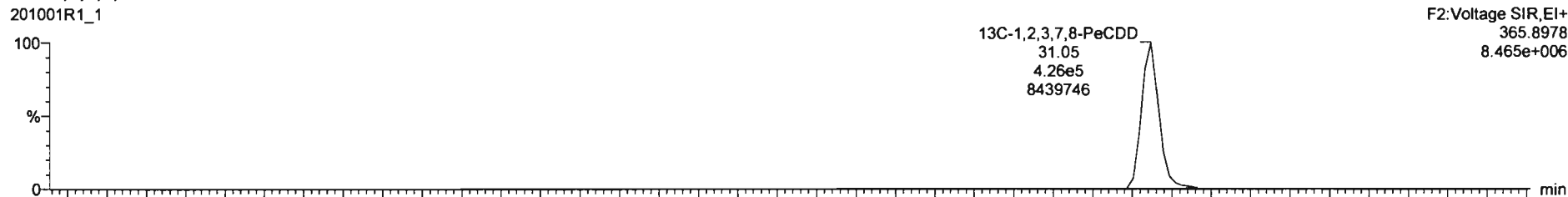


201001R1_1

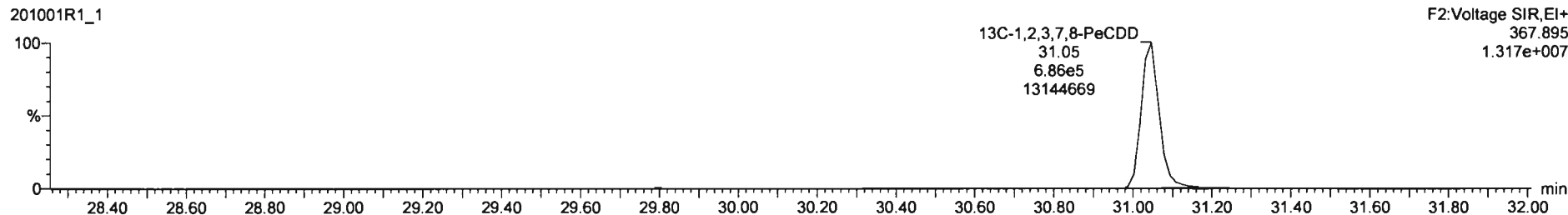


13C-1,2,3,7,8-PeCDD

201001R1_1



201001R1_1



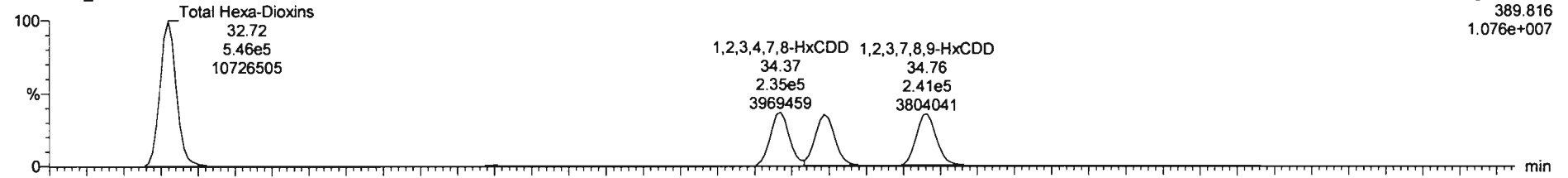
Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time
Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

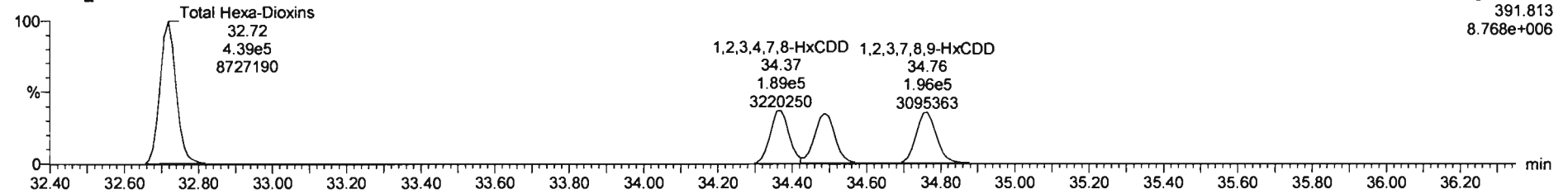
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

1,2,3,4,7,8-HxCDD

201001R1_1

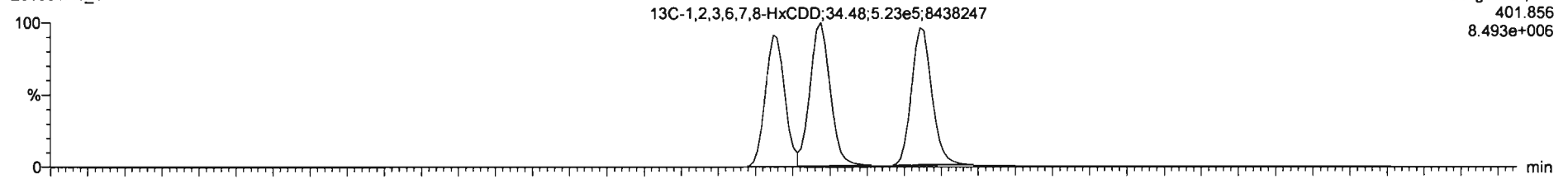


201001R1_1

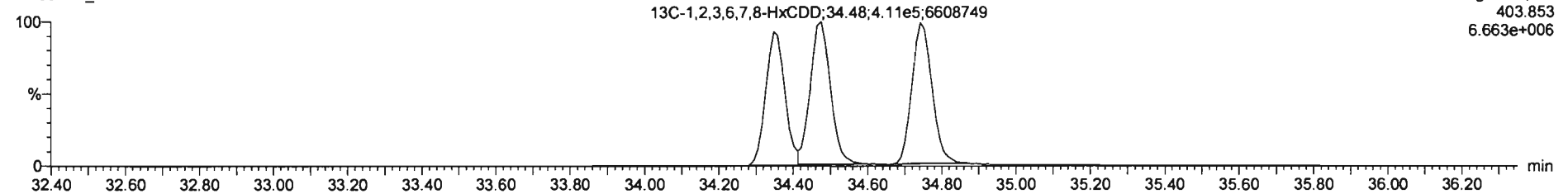


13C-1,2,3,4,7,8-HxCDD

201001R1_1



201001R1_1



Dataset: Untitled

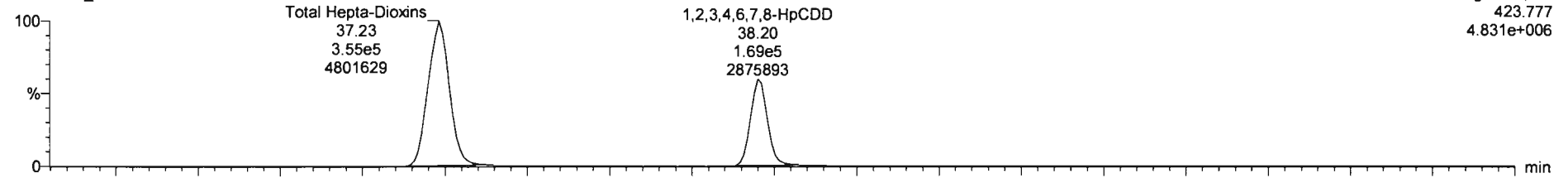
Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

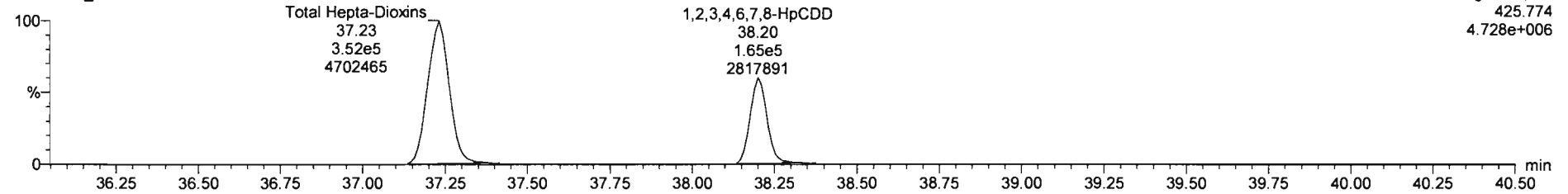
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

1,2,3,4,6,7,8-HpCDD

201001R1_1

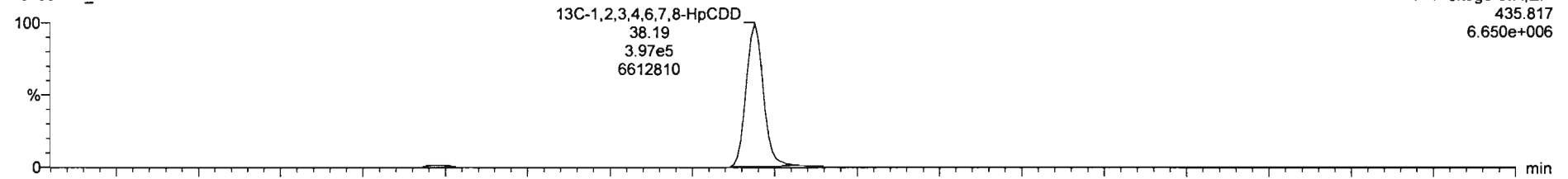


201001R1_1

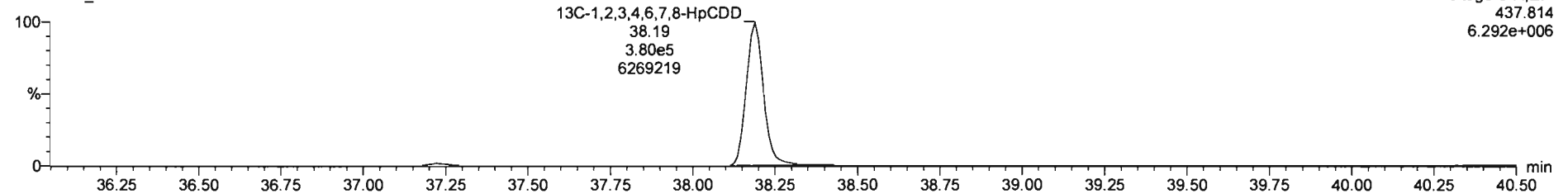


13C-1,2,3,4,6,7,8-HpCDD

201001R1_1



201001R1_1



Dataset: Untitled

Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time
Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

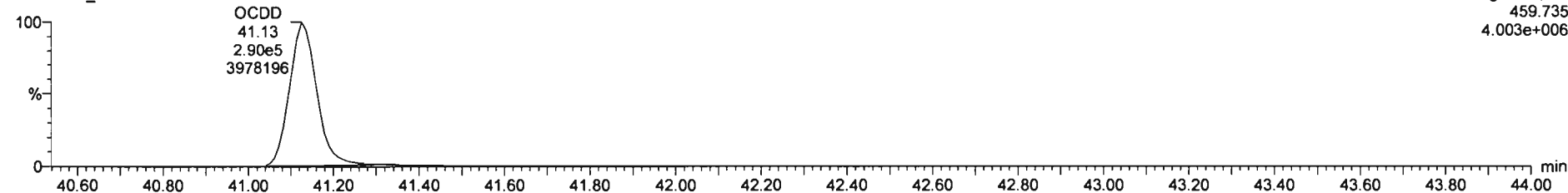
Name: 201001R1_1, Date: 01-Oct-2020, Time: 09:30:28, ID: ST201001R1_1 1613 CS3 20F1105, Description: 1613 CS3 20F1105

OCDD

201001R1_1

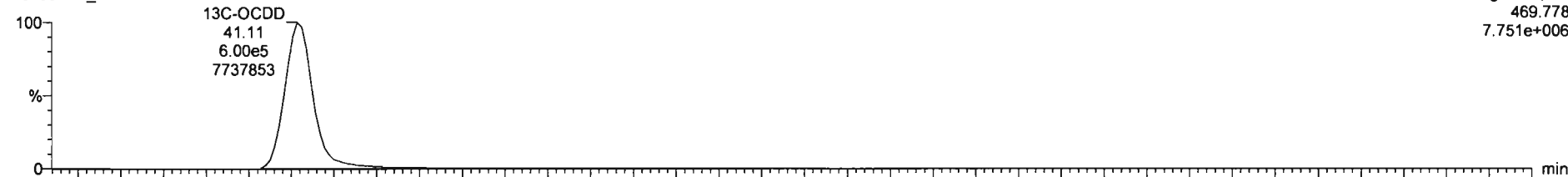


201001R1_1

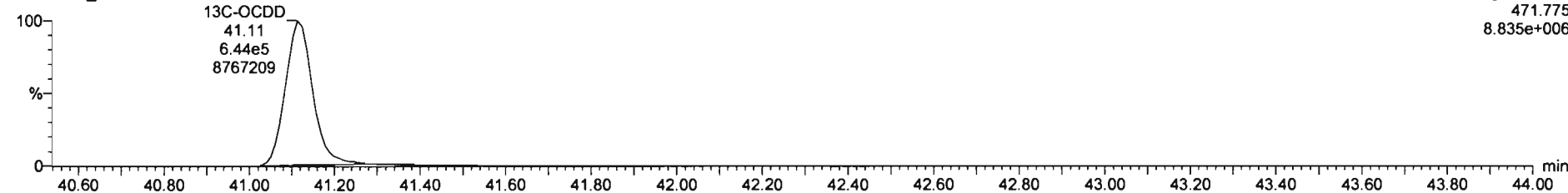


13C-OCDD

201001R1_1

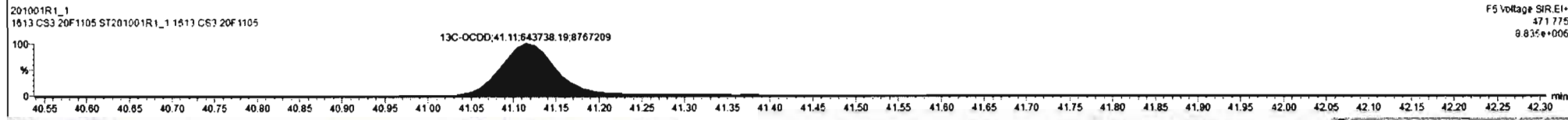
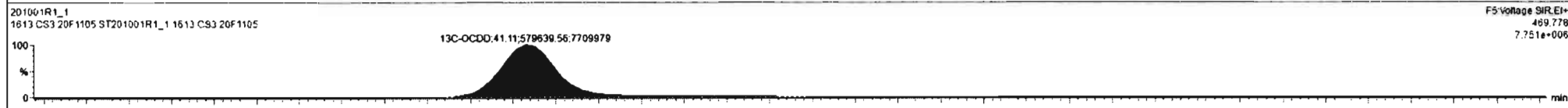
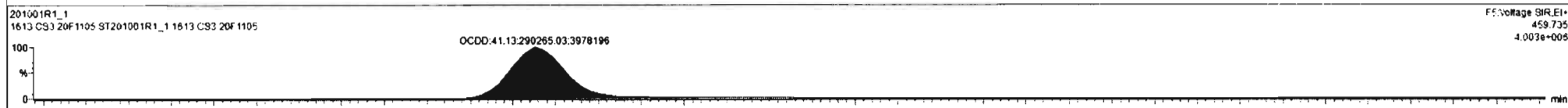


201001R1_1



201001R1_1 ST201001R1_1 1613 CS3 20F 1105 1613 CS3 20F 1105

#	Name	Resp	IS Resp	Pred RA	RA	adj	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Coec.	%Rec	STD out
1	1,2,3,7,8-TCDD	1.36e5	1.43e6	0.77	0.77	NO	1.0160	26.45	26.43	NO	1.001	1.001	9.49	94.9	NO
2	1,2,3,7,8-PeCDD	5.06e5	1.11e6	0.83	0.61	NO	0.9561	31.07	31.06	NO	1.001	1.000	47.6	95.2	NO
3	1,2,3,4,7,8-HxCDD	4.25e5	8.26e5	1.24	1.24	NO	1.0017	34.36	34.37	NO	1.000	1.001	51.3	103	NO
4	1,2,3,6,7,8-HxCDD	4.18e5	9.34e5	1.24	1.19	NO	0.8879	34.48	34.49	NO	1.000	1.000	50.2	106	NO
5	1,2,3,7,8,9-HxCDD	4.37e5	9.23e5	1.24	1.23	NO	0.9093	34.75	34.76	NO	1.000	1.001	52.1	104	NO
6	1,2,3,4,6,7,8-HpCDD	3.35e5	7.77e5	1.04	1.02	NO	0.8316	38.20	38.20	NO	1.000	1.000	51.8	104	NO
7	OCDD	6.43e5	1.22e6	0.89	0.87	NO	0.8623	41.11	41.13	NO	1.000	1.006	103	103	NO
8	2,3,7,8-TCDF	1.46e5	1.89e6	0.77	0.73	NO	0.7363	25.78	25.78	NO	1.000	1.001	16.8	106	NO
9	1,2,3,7,8-PeCDF	7.56e5	1.56e6	1.55	1.53	NO	0.9386	29.82	29.81	NO	1.001	1.001	51.8	103	NO
10	2,3,4,7,8-PeCDF	7.06e5	1.48e6	1.55	1.55	NO	1.0496	30.88	30.86	NO	1.001	1.000	51.1	102	NO
11	1,2,3,4,7,8-HxCDF	4.94e5	1.05e6	1.24	1.21	NO	0.8420	33.44	33.45	NO	1.000	1.000	55.7	111	NO
12	1,2,3,6,7,8-HxCDF	5.16e5	1.03e6	1.24	1.21	NO	0.8937	33.58	33.59	NO	1.000	1.001	56.1	112	NO
13	2,3,4,6,7,8-HxCDF	4.83e5	9.80e5	1.24	1.21	NO	0.8699	34.26	34.25	NO	1.001	1.000	56.7	113	NO
14	1,2,3,7,8,9-HxCDF	4.49e5	9.41e5	1.24	1.20	NO	0.8553	35.27	35.26	NO	1.001	1.000	55.8	112	NO
15	1,2,3,4,6,7,8-HpCDF	3.88e5	7.96e5	1.04	0.99	NO	0.8908	36.86	36.85	NO	1.001	1.001	54.7	109	NO
16	1,2,3,4,7,8-HpCDF	3.36e5	5.94e5	1.04	1.00	NO	1.0001	38.81	38.82	NO	1.000	1.000	56.6	113	NO
17	OCDF	5.80e5	1.28e6	0.89	0.88	NO	0.7841	41.41	41.42	NO	1.000	1.000	112	112	NO
18	13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.77	0.78	NO	1.1521	26.40	26.42	NO	1.029	1.029	98.4	98.4	NO
19	13C-1,2,3,7,8-PeCDD	1.11e6	1.26e6	0.63	0.62	NO	0.6867	30.99	31.05	NO	1.207	1.210	99.2	99.2	NO
20	13C-1,2,3,4,7,8-HxCDD	8.26e5	1.04e6	1.24	1.27	NO	0.8014	34.36	34.35	NO	1.014	1.014	98.6	98.6	NO



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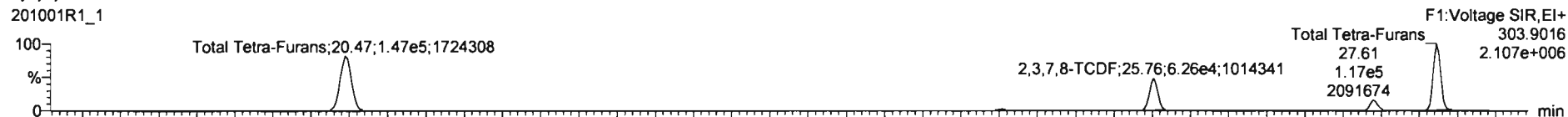
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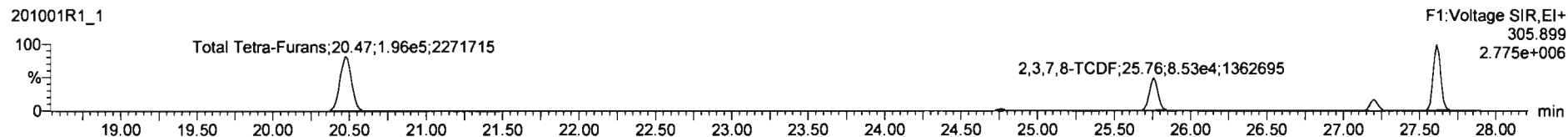
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2,3,7,8-TCDF

201001R1_1

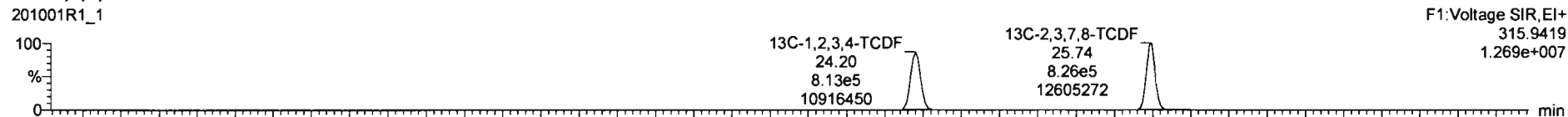


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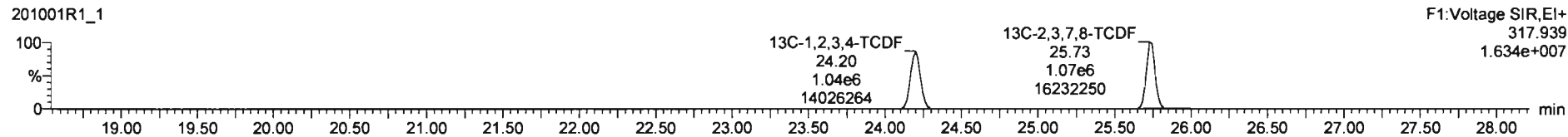


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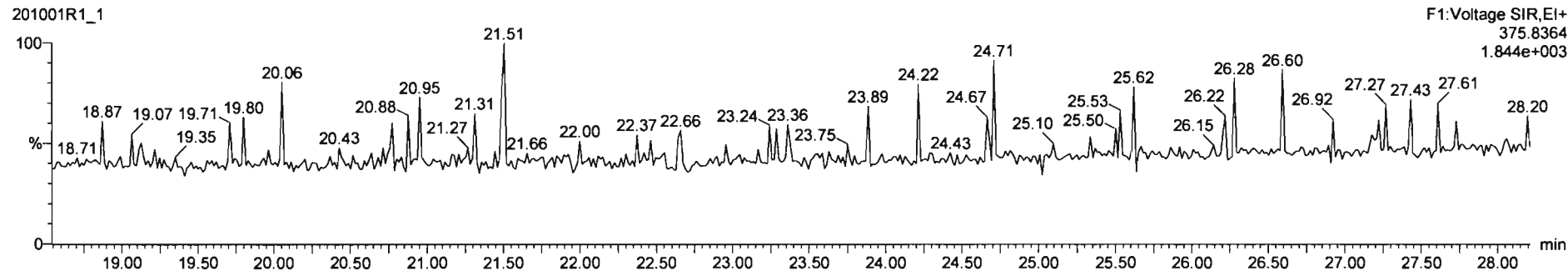


201001R1_1



DPE1

201001R1_1



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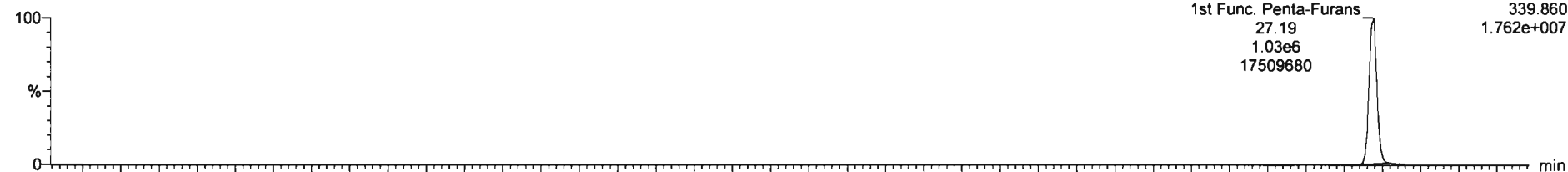
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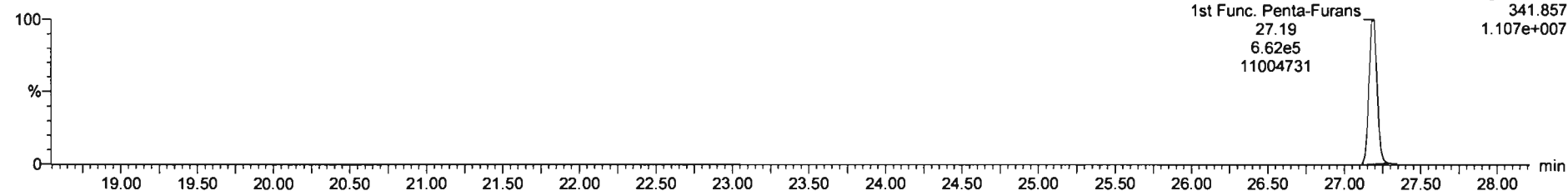
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1st Func. Penta-Furans

201001R1_1

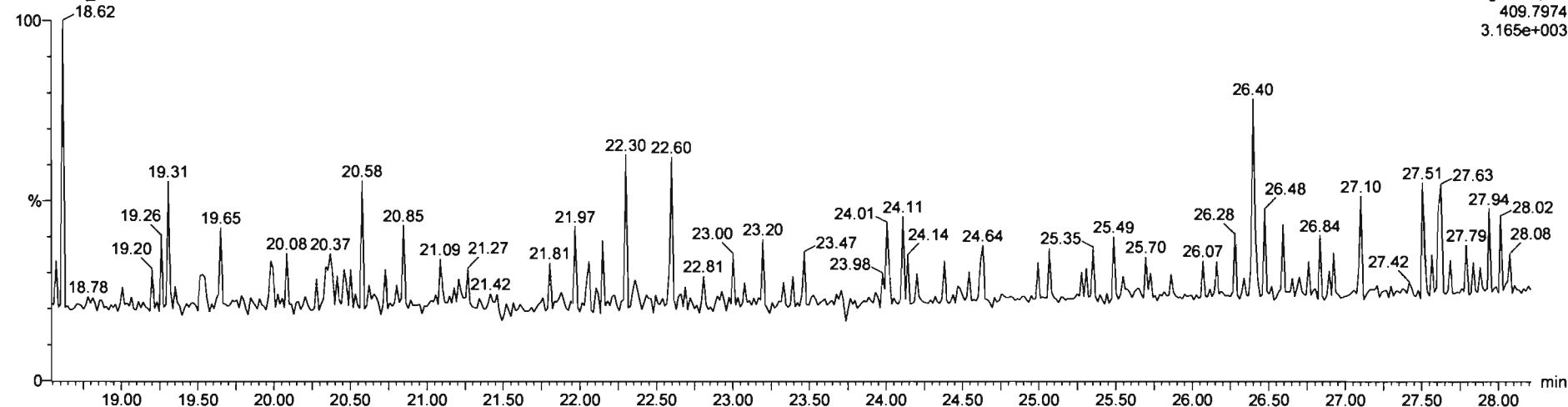


201001R1_1



DPE6

201001R1_1



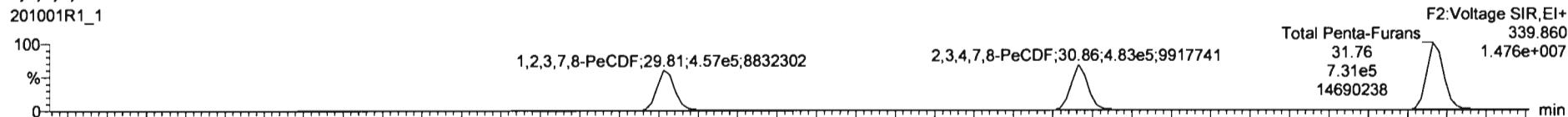
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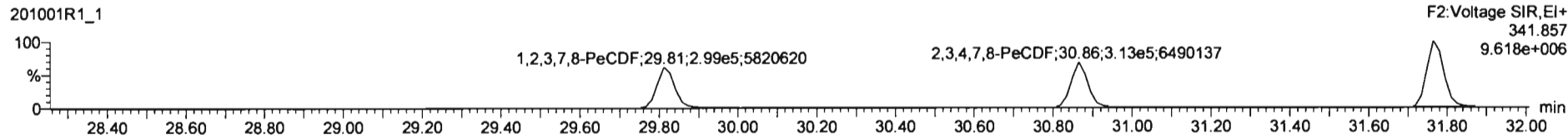
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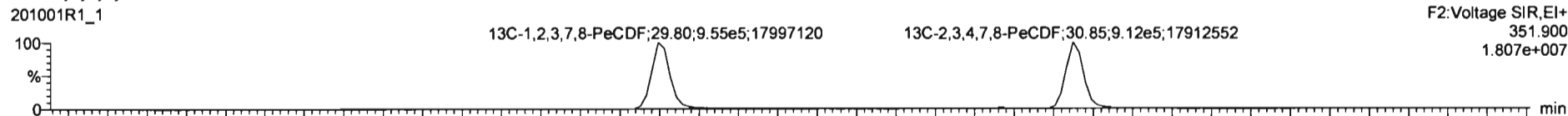


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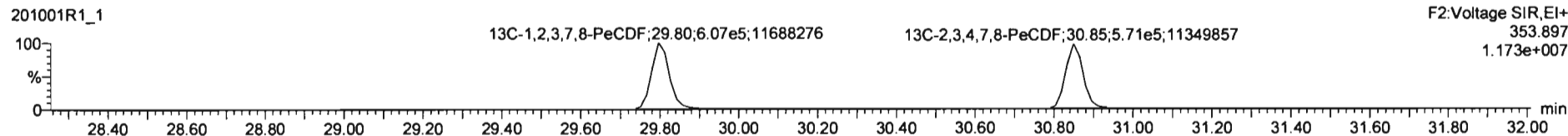


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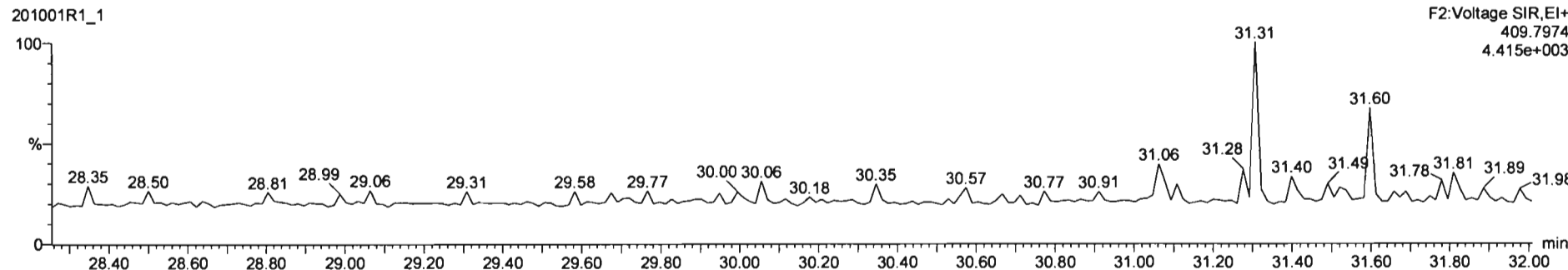


201001R1_1



DPE2

201001R1_1

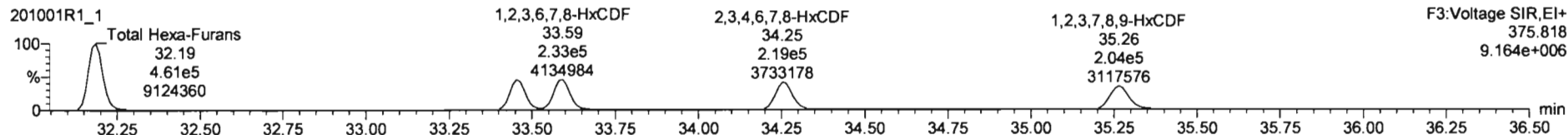
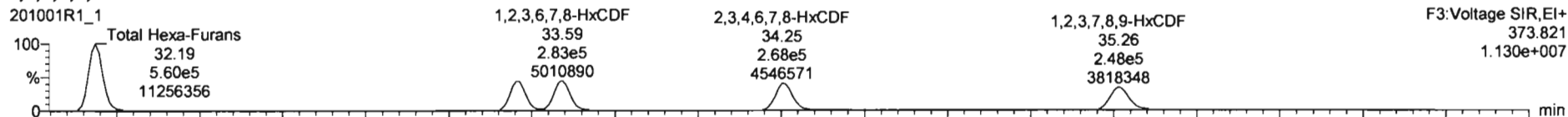


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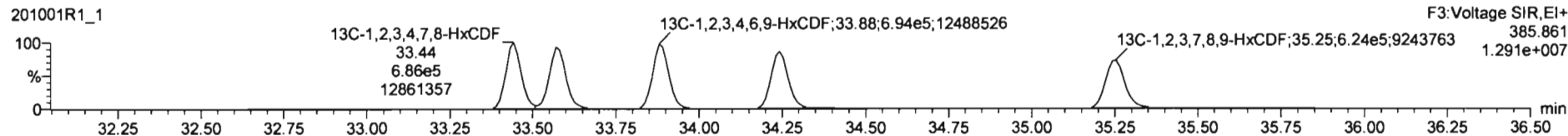
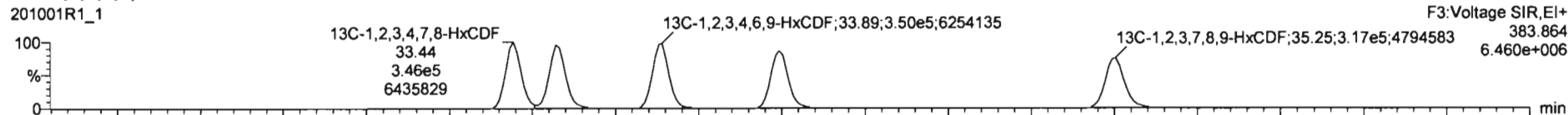
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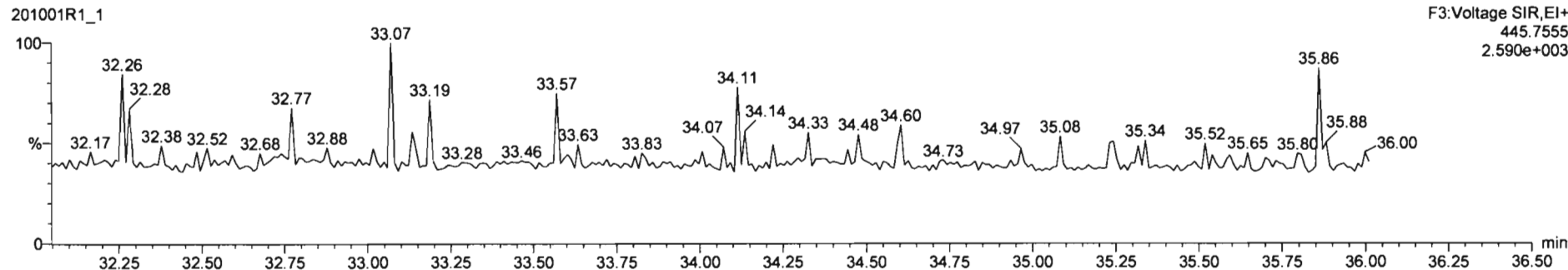
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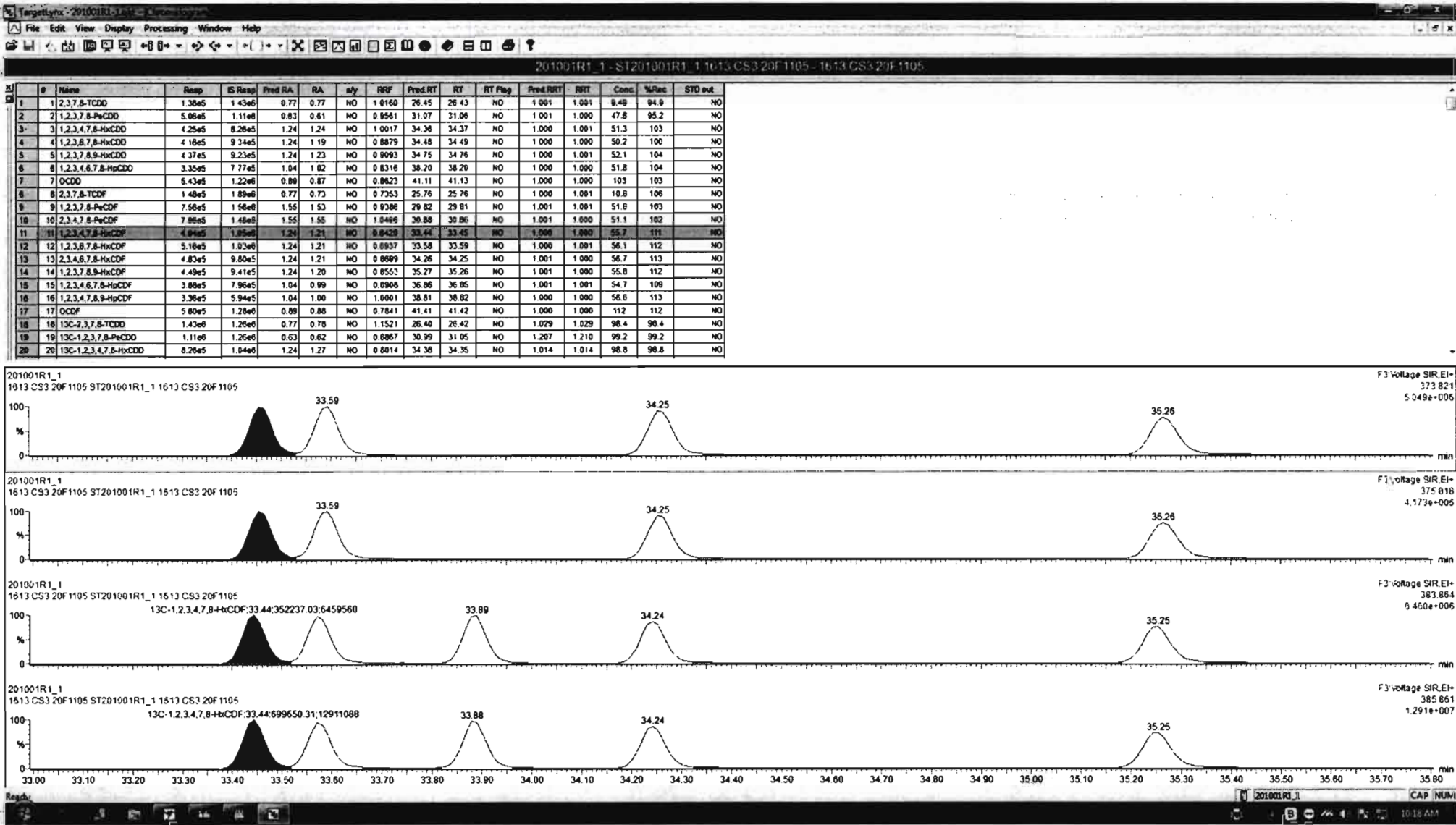


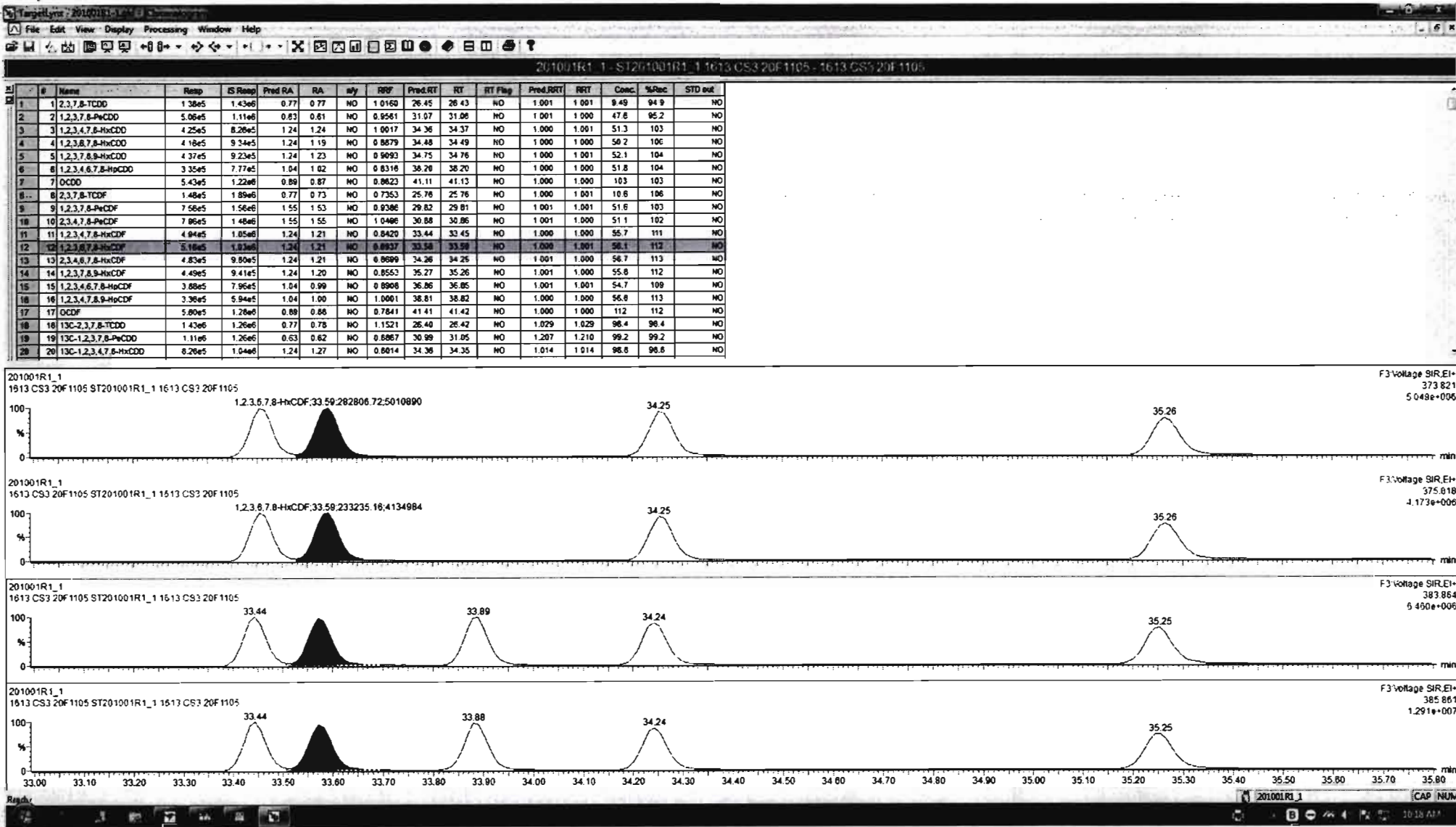
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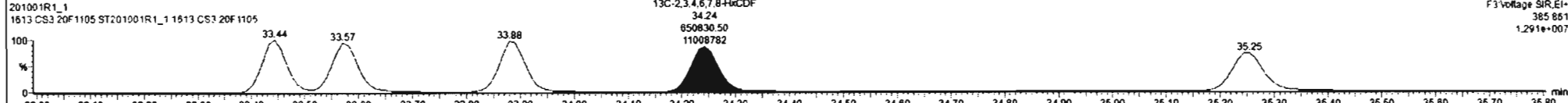
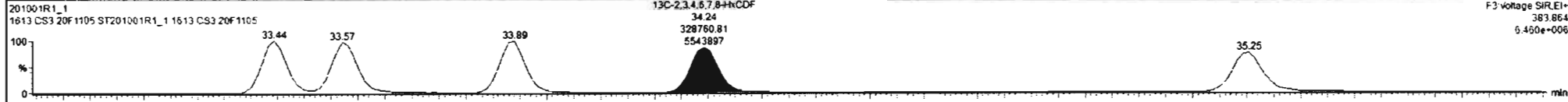
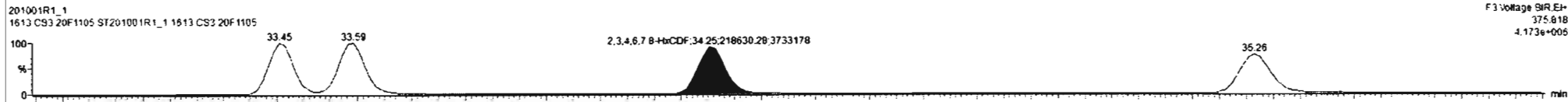
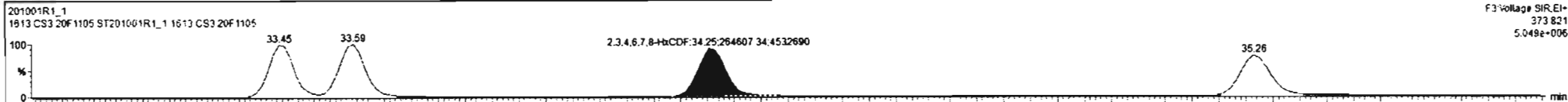
DPE3



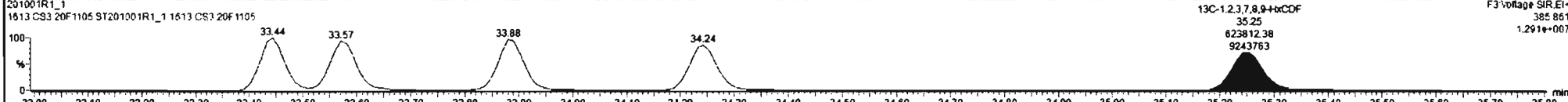
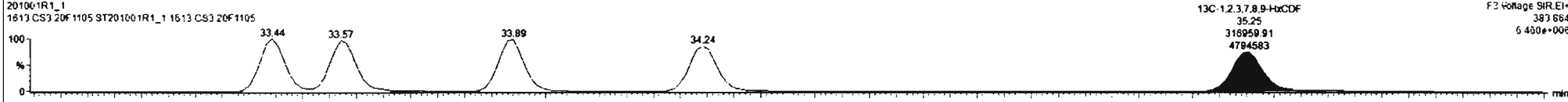
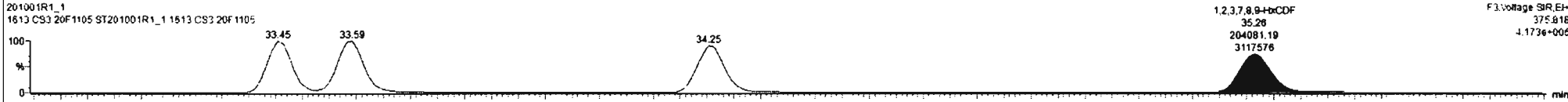
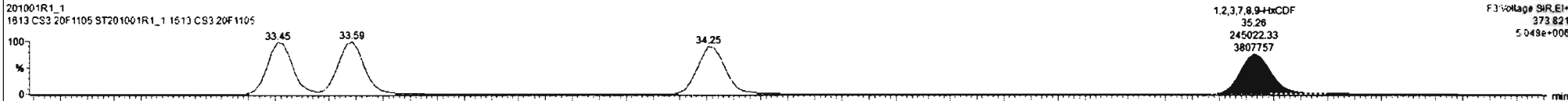




#	Name	Resp	IS Resp	Pred RA	RA	dy	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc.	%Rec	STD out
1	2,3,7,8-TCDD	1.38e5	1.43e6	0.77	0.77	NO	1.0160	26.45	26.43	NO	1.001	1.001	9.49	94.8	NO
2	1,2,3,7,8-PeCDD	5.06e5	1.11e6	0.83	0.61	NO	0.9561	31.07	31.06	NO	1.001	1.000	47.8	95.2	NO
3	1,2,3,4,7,8-HxCDD	4.25e5	8.26e5	1.24	1.24	NO	1.0017	34.36	34.37	NO	1.000	1.001	51.3	103	NO
4	1,2,3,6,7,8-HxCDD	4.18e5	9.34e5	1.24	1.19	NO	0.8879	34.48	34.49	NO	1.000	1.000	50.2	100	NO
5	1,2,3,7,8,9-HxCDD	4.37e5	9.23e5	1.24	1.23	NO	0.9093	34.75	34.76	NO	1.000	1.001	52.1	104	NO
6	1,2,3,4,6,7,8-HpCDD	3.35e5	7.77e5	1.04	1.02	NO	0.8316	38.20	38.20	NO	1.000	1.000	51.8	104	NO
7	OCDD	5.43e5	1.22e6	0.89	0.87	NO	0.8623	41.11	41.13	NO	1.000	1.000	103	103	NO
8	2,3,7,8-TCDF	1.48e5	1.89e6	0.77	0.73	NO	0.7353	25.76	25.76	NO	1.000	1.001	10.6	106	NO
9	1,2,3,7,8-PeCDF	7.56e5	1.56e6	1.55	1.53	NO	0.9386	29.82	29.81	NO	1.001	1.001	51.6	103	NO
10	2,3,4,7,8-PeCDF	7.86e5	1.48e6	1.55	1.55	NO	1.0406	30.88	30.86	NO	1.001	1.000	51.1	102	NO
11	1,2,3,4,7,8-HxCDF	4.84e5	1.05e6	1.24	1.21	NO	0.8420	33.44	33.45	NO	1.000	1.000	55.7	111	NO
12	1,2,3,6,7,8-HxCDF	5.18e5	1.03e6	1.24	1.21	NO	0.8937	33.58	33.59	NO	1.000	1.001	55.7	112	NO
13	2,3,4,6,7,8-HxCDF	4.83e5	8.86e5	1.24	1.21	NO	0.8898	34.28	34.25	NO	1.001	1.000	58.7	113	NO
14	1,2,3,7,8,9-HxCDF	4.49e5	9.41e5	1.24	1.20	NO	0.8553	35.27	35.26	NO	1.001	1.000	55.8	112	NO
15	1,2,3,4,6,7,8-HpCDF	3.89e5	7.96e5	1.04	0.99	NO	0.8968	36.86	36.85	NO	1.001	1.001	54.7	109	NO
16	1,2,3,4,7,8,9-HpCDF	3.36e5	5.94e5	1.04	1.00	NO	1.0001	38.81	38.82	NO	1.000	1.000	56.6	113	NO
17	OCDF	5.89e5	1.26e6	0.88	0.88	NO	0.7841	41.41	41.42	NO	1.000	1.000	112	112	NO
18	13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.77	0.78	NO	1.1521	26.40	26.42	NO	1.029	1.029	98.4	98.4	NO
19	13C-1,2,3,7,8-PeCDD	1.11e6	1.26e6	0.63	0.62	NO	0.8867	30.99	31.05	NO	1.207	1.210	99.2	99.2	NO
20	13C-1,2,3,4,7,8-HxCDD	6.26e5	1.64e6	1.24	1.27	NO	0.8614	34.36	34.35	NO	1.014	1.014	98.8	98.8	NO



#	Name	Resp	IS Resp	Pred RA	RA	Adj	RPF	Pred RT	RT	RT Flag	Pred RRT	RRT	Coec.	%Rec	STD out
1	2,3,7,8-TCDD	1.38e5	1.43e6	0.77	0.77	NO	1.0168	28.45	28.43	NO	1.001	1.001	9.49	94.9	NO
2	1,2,3,7,8-PeCDD	5.06e5	1.11e6	0.63	0.61	NO	0.9561	31.67	31.06	NO	1.001	1.000	47.8	95.2	NO
3	1,2,3,4,7,8-HxCDD	4.25e5	8.26e5	1.24	1.24	NO	1.0017	34.36	34.37	NO	1.000	1.001	51.3	103	NO
4	1,2,3,6,7,8-HxCDD	4.16e5	9.34e5	1.24	1.19	NO	0.8679	34.48	34.49	NO	1.000	1.000	50.2	106	NO
5	1,2,3,7,8,9-HxCDD	4.37e5	9.23e5	1.24	1.23	NO	0.9093	34.75	34.76	NO	1.000	1.001	52.1	104	NO
6	1,2,3,4,6,7,8-HpCDD	3.35e5	7.77e5	1.04	1.02	NO	0.8316	38.20	38.20	NO	1.000	1.000	51.8	104	NO
7	OCDD	5.43e5	1.22e6	0.89	0.87	NO	0.8623	41.11	41.13	NO	1.000	1.000	103	103	NO
8	2,3,7,8-TCDF	1.48e5	1.89e6	0.77	0.73	NO	0.7353	25.76	25.76	NO	1.000	1.001	10.8	106	NO
9	1,2,3,7,8-PeCDF	7.56e5	1.56e6	1.55	1.53	NO	0.9386	29.82	29.81	NO	1.001	1.001	51.6	103	NO
10	2,3,4,7,8-PeCDF	7.86e5	1.48e6	1.55	1.55	NO	1.0486	30.88	30.86	NO	1.001	1.000	51.1	102	NO
11	1,2,3,4,7,8-HxCDF	4.84e5	1.05e6	1.24	1.21	NO	0.8420	33.44	33.45	NO	1.000	1.000	55.7	111	NO
12	1,2,3,6,7,8-HxCDF	5.16e5	1.03e6	1.24	1.21	NO	0.8937	33.58	33.59	NO	1.000	1.001	56.1	112	NO
13	2,3,4,6,7,8-HxCDF	4.83e5	9.80e5	1.24	1.21	NO	0.8699	34.26	34.25	NO	1.001	1.000	56.7	113	NO
14	1,2,3,7,8,9-HxCDF	4.49e5	9.41e5	1.24	1.28	NO	0.6553	35.27	35.28	NO	1.001	1.000	55.8	112	NO
15	1,2,3,4,6,7,8-HpCDF	3.88e5	7.96e5	1.04	0.99	NO	0.6988	36.86	36.85	NO	1.001	1.001	54.7	109	NO
16	1,2,3,4,7,8,9-HpCDF	3.36e5	5.94e5	1.04	1.00	NO	1.0061	38.81	38.82	NO	1.000	1.000	56.6	113	NO
17	OCDF	5.80e5	1.28e6	0.89	0.88	NO	0.7841	41.41	41.42	NO	1.000	1.000	112	112	NO
18	13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.77	0.78	NO	1.1521	28.40	28.42	NO	1.029	1.029	98.4	98.4	NO
19	13C-1,2,3,7,8-PeCDD	1.11e6	1.26e6	0.63	0.62	NO	0.6867	30.99	31.05	NO	1.207	1.210	99.2	99.2	NO
20	13C-1,2,3,4,7,8-HxCDD	8.26e5	1.04e6	1.24	1.27	NO	0.8014	34.36	34.35	NO	1.014	1.014	98.8	98.8	NO



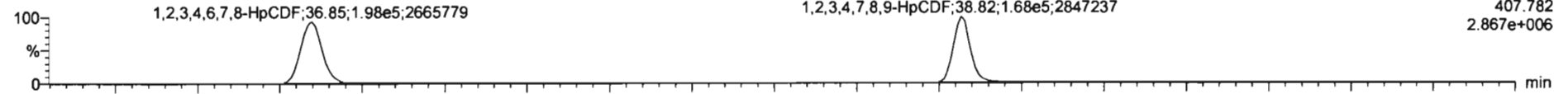
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Printed: Thursday, October 01, 2020 10:20:35 AM Pacific Daylight Time

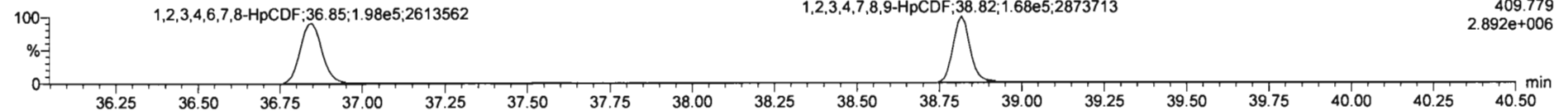
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1,2,3,4,6,7,8-HpCDF

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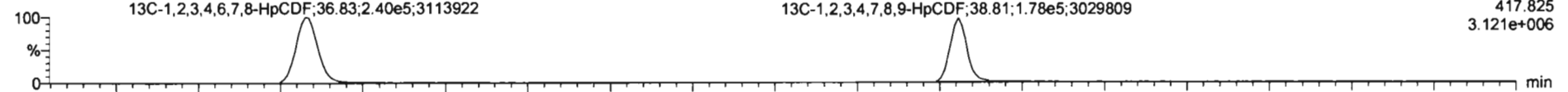


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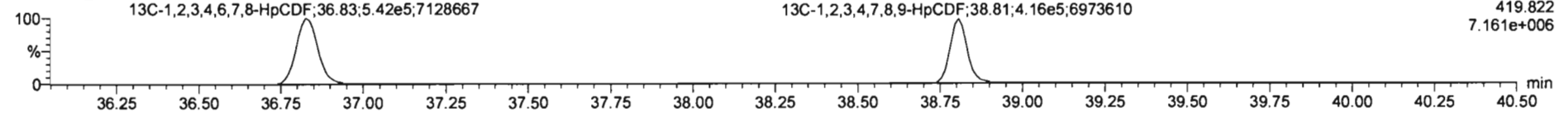


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201001R1_1

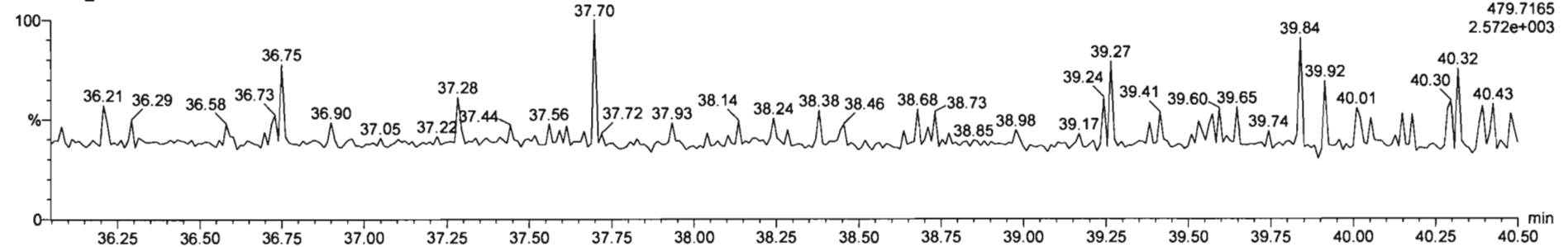


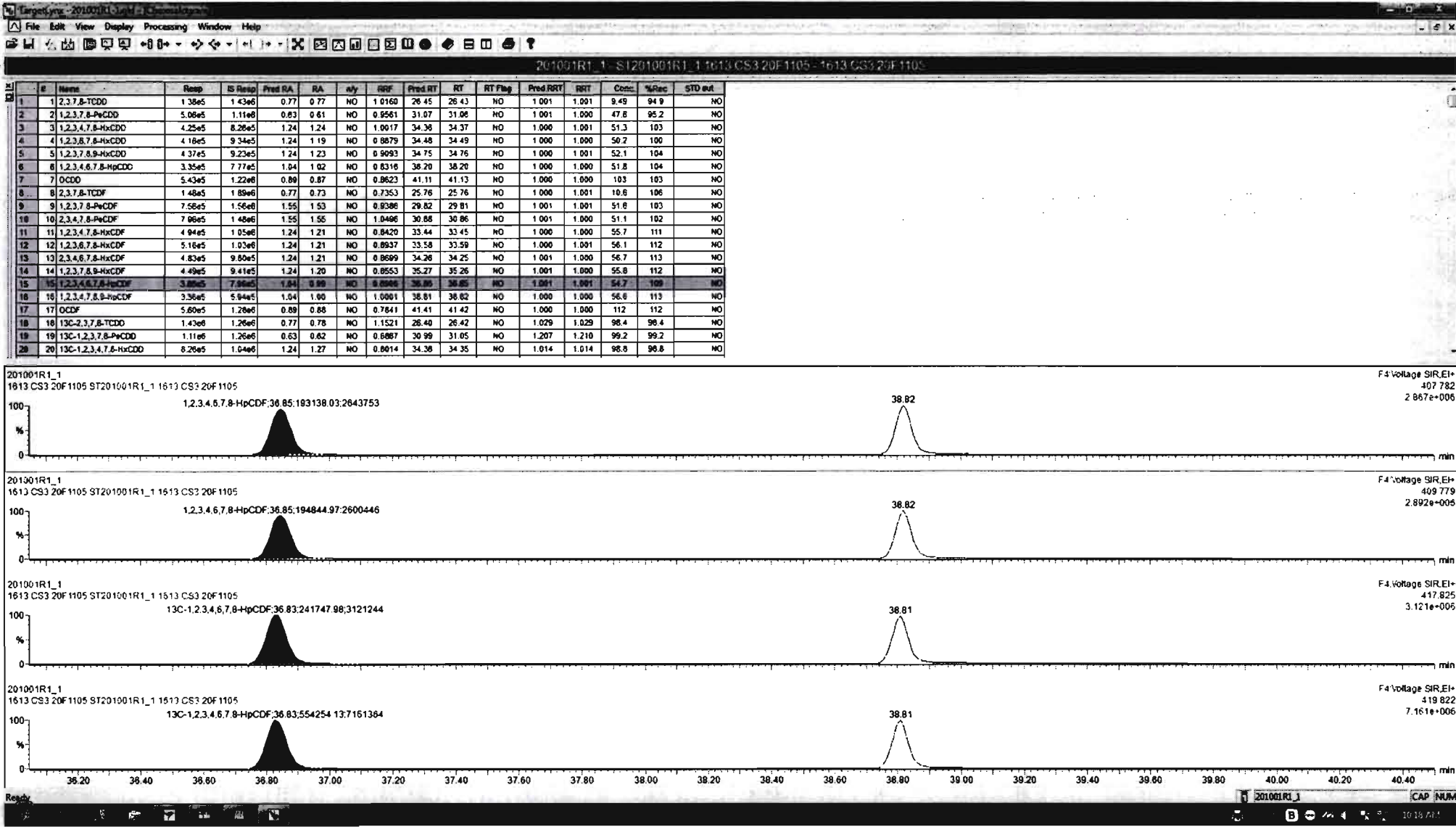
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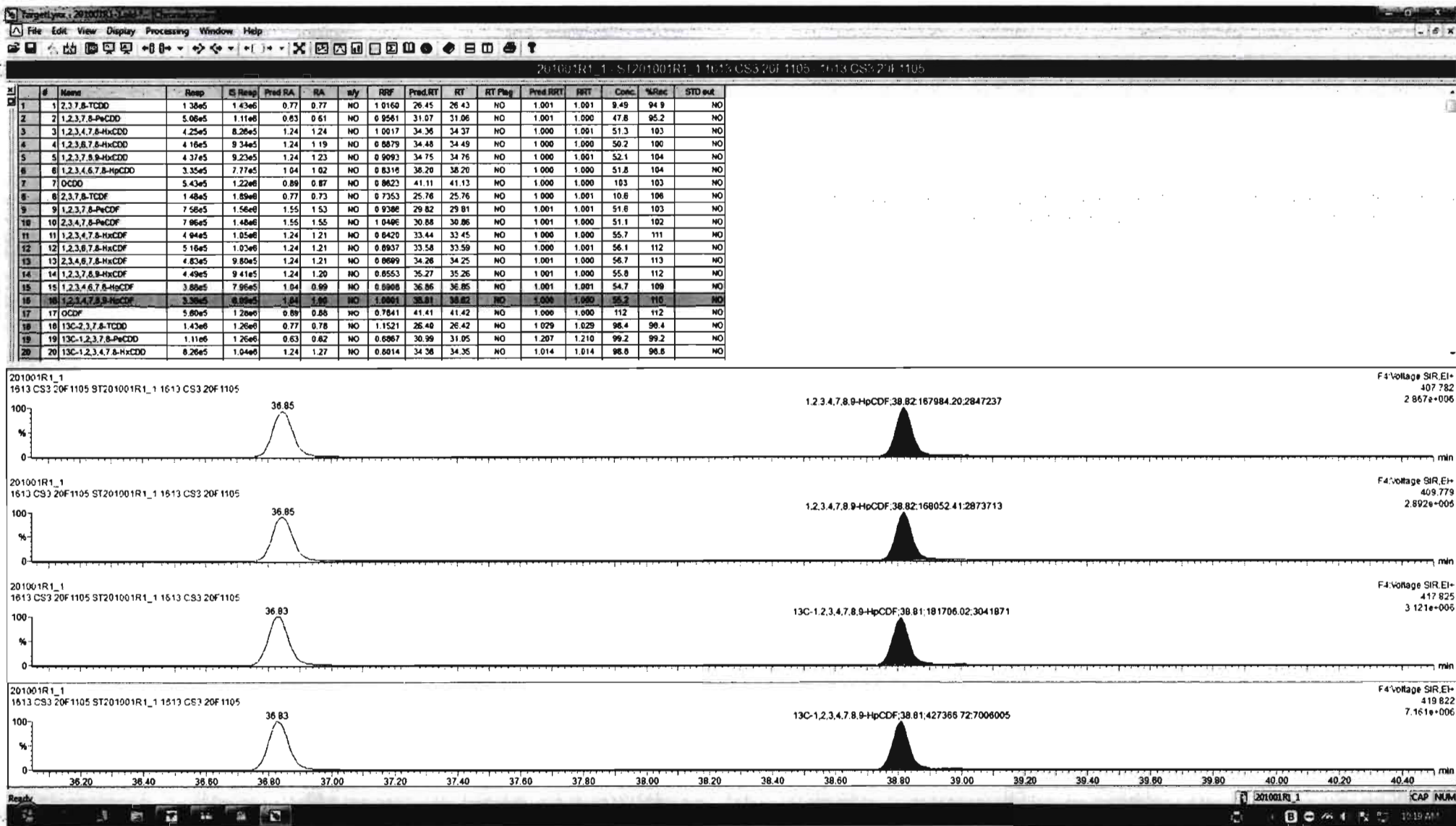


DPE4

201001R1_1







Results 201001R1_1 ICAP NUM 10:19 AM

#	Name	Resp	IS Resp	Pred RA	RA	is/y	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc.	%Rec	STD out
1	2,3,7,8-TCDD	1.38e5	1.43e6	0.77	0.77	NO	1.0160	26.45	26.43	NO	1.001	1.001	9.49	94.9	NO
2	1,2,3,7,8-PeCDD	5.08e5	1.11e6	0.63	0.61	NO	0.9561	31.07	31.06	NO	1.001	1.000	47.8	95.2	NO
3	1,2,3,4,7,8-HxCDD	4.25e5	8.26e5	1.24	1.24	NO	1.0017	34.36	34.37	NO	1.000	1.001	51.3	103	NO
4	1,2,3,6,7,8-HxCDD	4.18e5	9.34e5	1.24	1.19	NO	0.8879	34.48	34.49	NO	1.000	1.000	50.2	100	NO
5	1,2,3,7,8,9-HxCDD	4.37e5	9.23e5	1.24	1.23	NO	0.9093	34.75	34.76	NO	1.000	1.001	52.1	104	NO
6	1,2,3,4,6,7,8-HpCDD	3.35e5	7.77e5	1.04	1.02	NO	0.8316	38.20	38.20	NO	1.000	1.000	51.8	104	NO
7	OCDD	5.43e5	1.22e6	0.89	0.87	NO	0.8623	41.11	41.13	NO	1.000	1.000	103	103	NO
8	2,3,7,8-TCDF	1.48e5	1.89e6	0.77	0.73	NO	0.7353	25.76	25.76	NO	1.000	1.001	10.6	106	NO
9	1,2,3,7,8-PeCDF	7.56e5	1.56e6	1.55	1.53	NO	0.9386	29.82	29.81	NO	1.001	1.001	51.6	103	NO
10	1,2,3,4,7,8-HxCDF	7.96e5	1.48e6	1.55	1.55	NO	1.0406	30.88	30.86	NO	1.001	1.000	51.1	102	NO
11	1,2,3,4,7,8-HxCDF	4.94e5	1.05e6	1.24	1.21	NO	0.8420	33.44	33.45	NO	1.000	1.000	55.7	111	NO
12	1,2,3,6,7,8-HxCDF	5.18e5	1.03e6	1.24	1.21	NO	0.8937	33.58	33.59	NO	1.000	1.001	56.1	112	NO
13	2,3,4,6,7,8-HxCDF	4.83e5	9.80e5	1.24	1.21	NO	0.8699	34.26	34.25	NO	1.001	1.000	56.7	113	NO
14	1,2,3,7,8,9-HxCDF	4.49e5	9.41e5	1.24	1.20	NO	0.8553	35.27	35.26	NO	1.001	1.000	55.8	112	NO
15	1,2,3,4,6,7,8-HpCDF	3.86e5	7.96e5	1.04	0.99	NO	0.8908	36.86	36.85	NO	1.001	1.001	54.7	109	NO
16	1,2,3,4,7,8,9-HpCDF	3.36e5	8.99e5	1.04	1.00	NO	1.0001	38.81	38.82	NO	1.000	1.000	55.2	110	NO
17	OCDF	5.80e5	1.26e6	0.89	0.86	NO	0.7841	41.41	41.42	NO	1.000	1.000	112	112	NO
18	13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.77	0.78	NO	1.1521	26.40	26.42	NO	1.029	1.029	96.4	96.4	NO
19	13C-1,2,3,7,8-PeCDD	1.11e6	1.26e6	0.63	0.62	NO	0.6967	30.99	31.05	NO	1.207	1.210	99.2	99.2	NO
20	13C-1,2,3,4,7,8-HxCDD	8.26e5	1.04e6	1.24	1.27	NO	0.8014	34.36	34.35	NO	1.014	1.014	98.8	98.8	NO

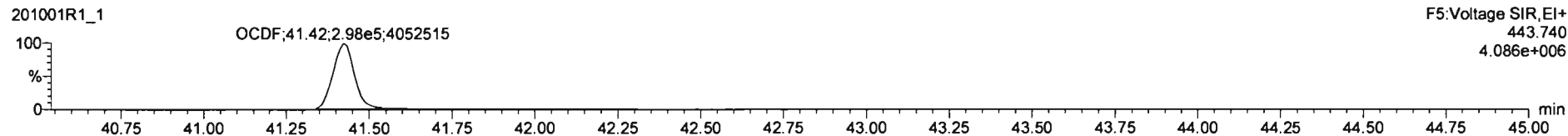
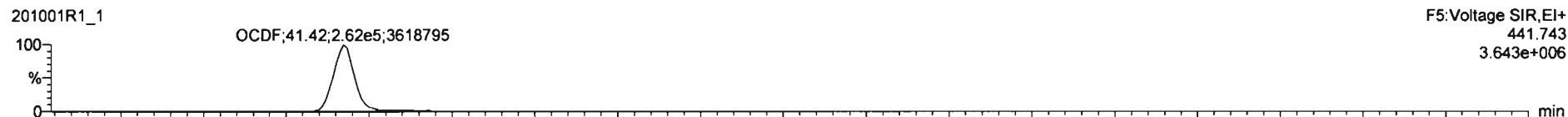
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Last Altered: Thursday, October 01, 2020 10:20:32 AM Pacific Daylight Time

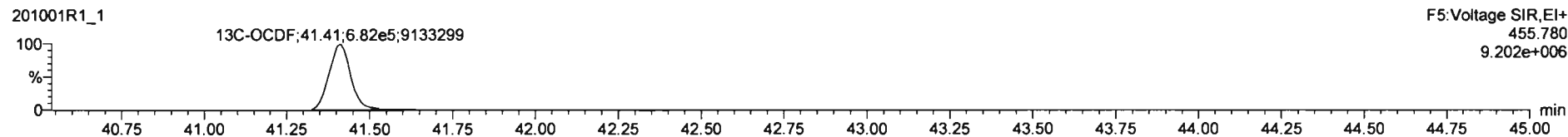
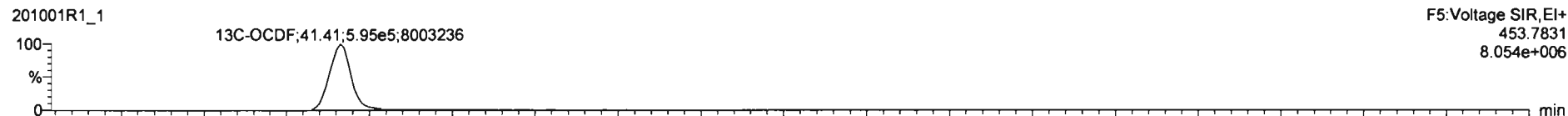
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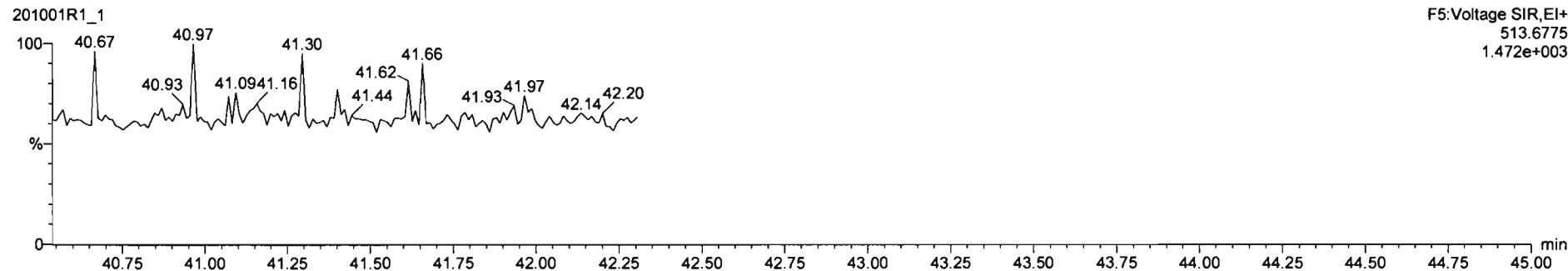
OCDF



13C-OCDF



DPE5

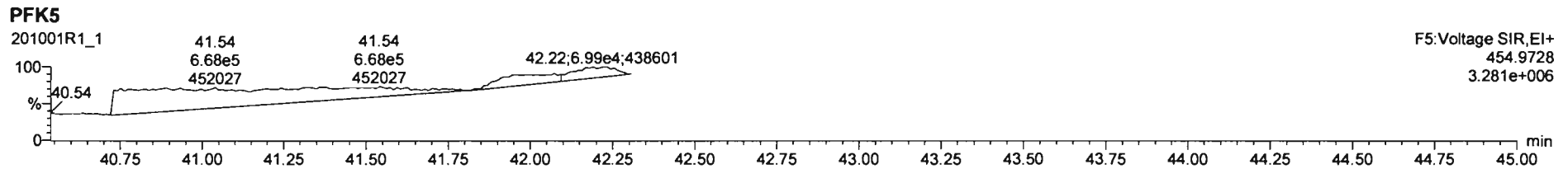
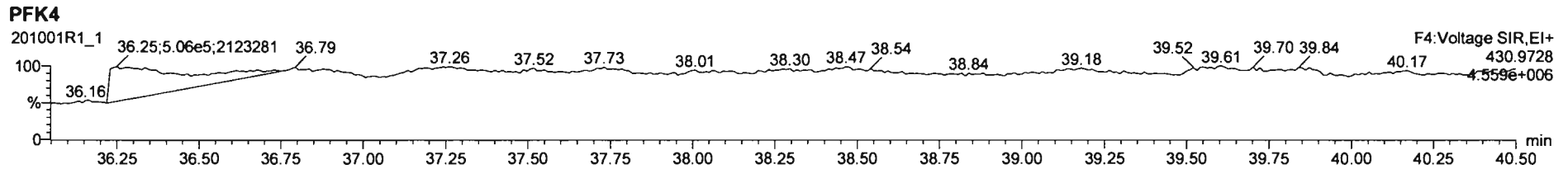
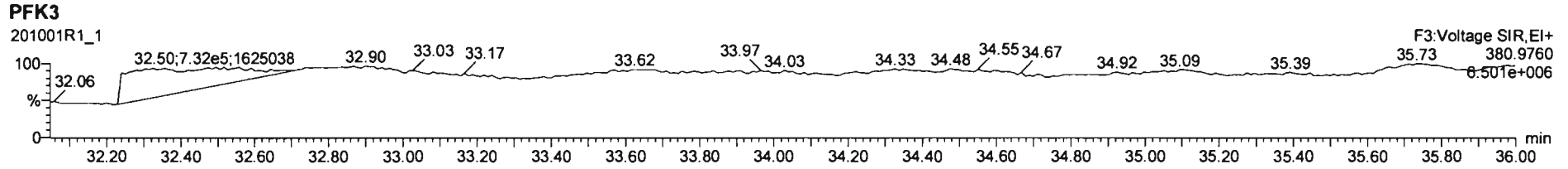
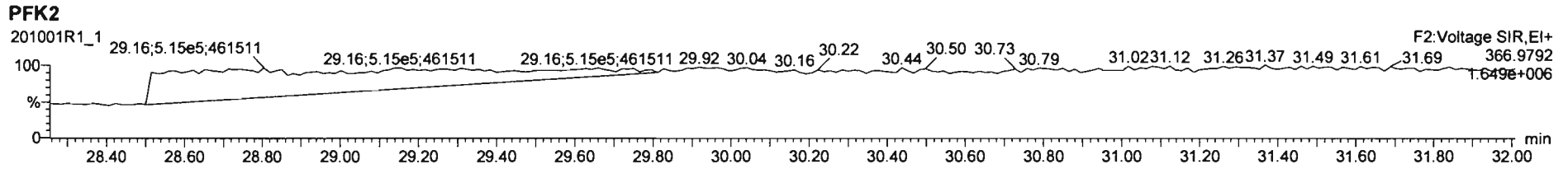
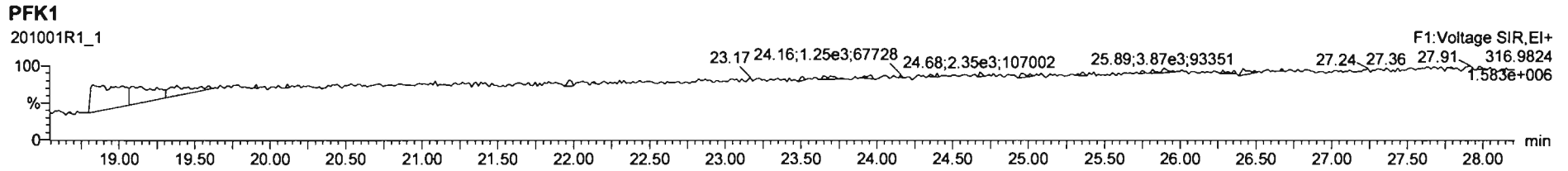


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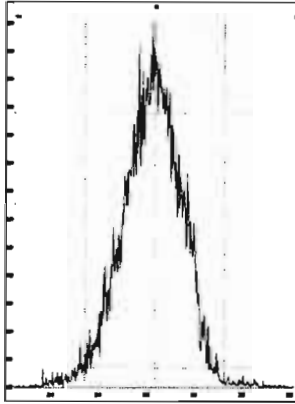
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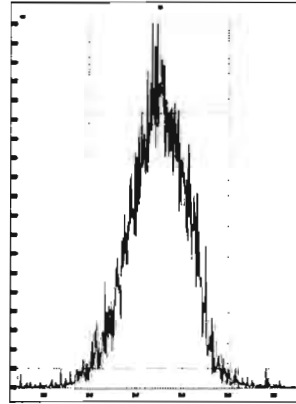


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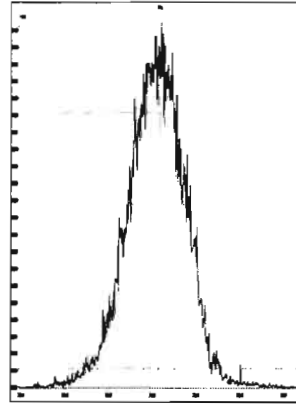
M 292.9824 R 11062



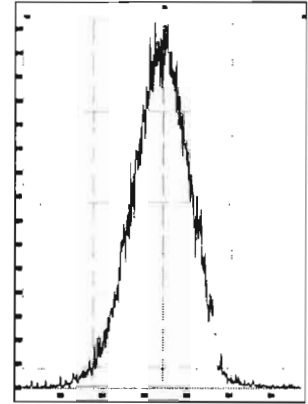
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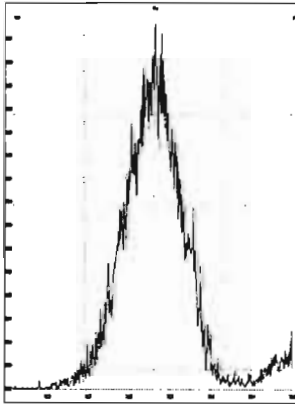
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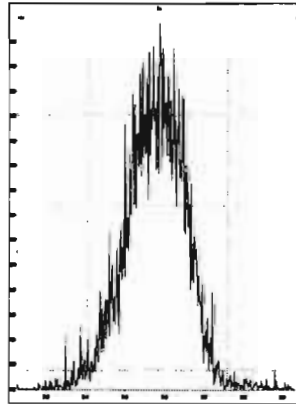
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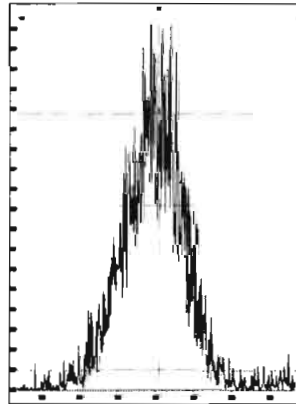
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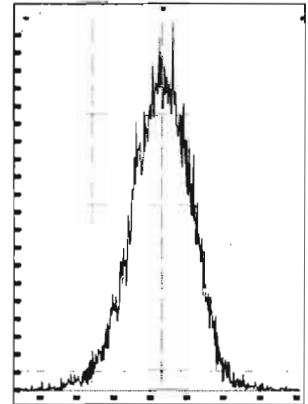
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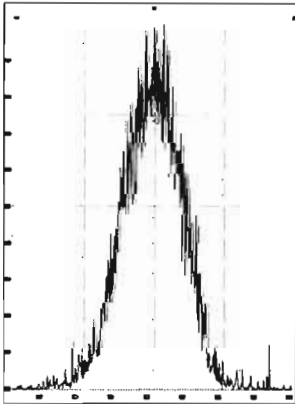
M 366.9792 R 12380



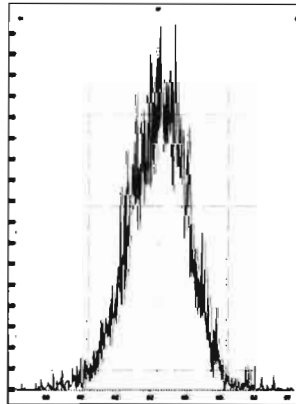
M 380.9760 R 10874



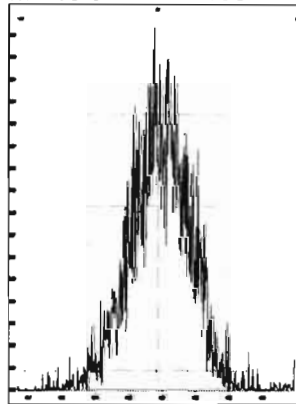
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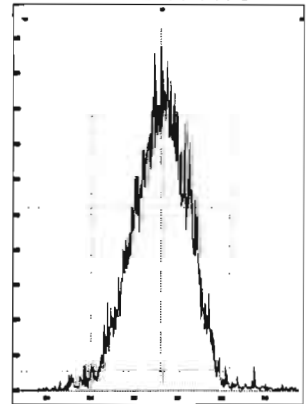
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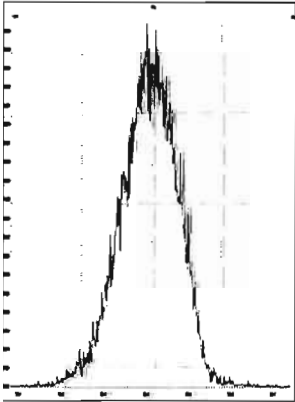
M 416.9760 R 11962



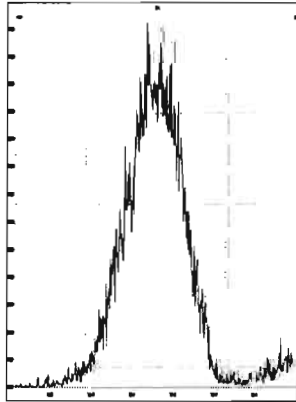
M 318.9792 R 11737



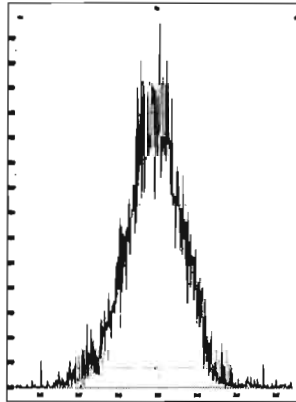
M 330.9792 R 11012



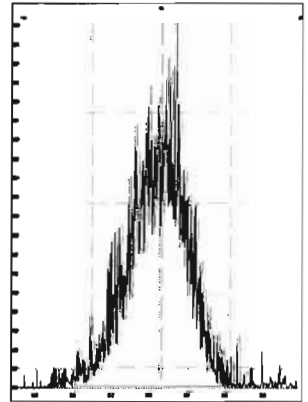
M 342.9792 R 11521



M 354.9792 R 12351

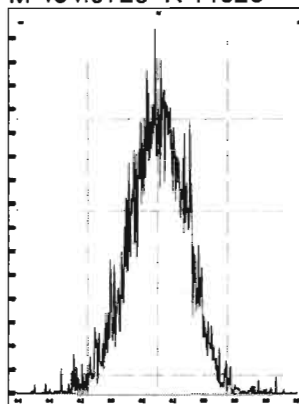


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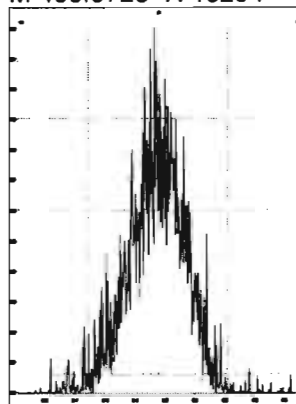


Printed: Thursday, October 01, 2020 21:21:10 Pacific Daylight Time

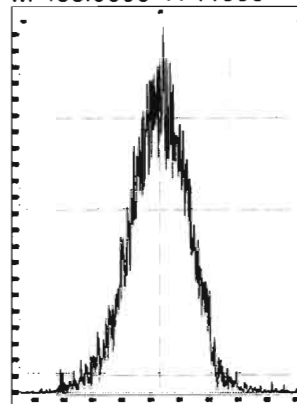
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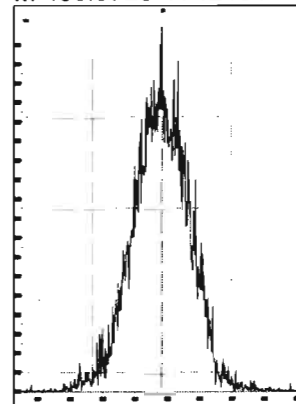
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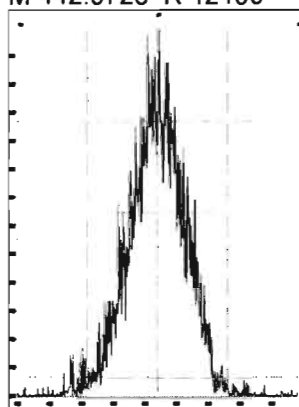
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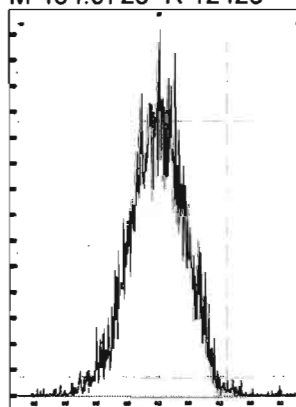
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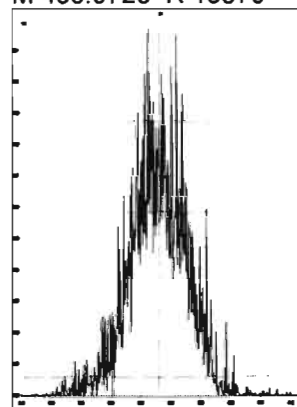
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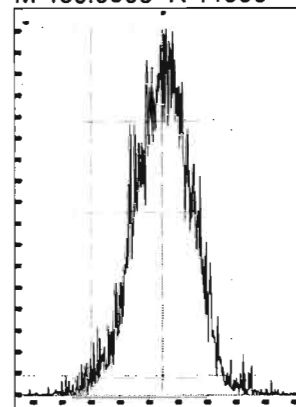
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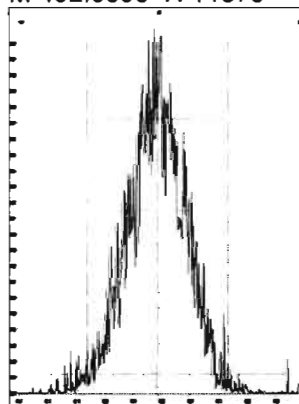
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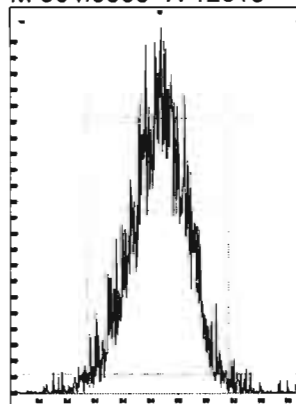
M 480.9696 R 11990



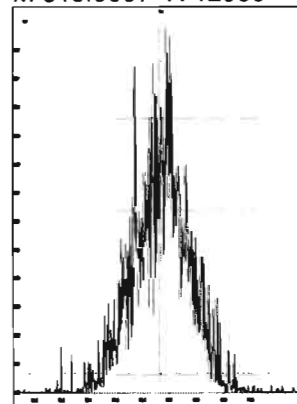
M 492.9696 R 11876



M 504.9696 R 12015



M 516.9697 R 12953



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200928K3-1

Reviewed By: GRB 09/29/2020
Initials & Date

End Calibration ID: NA

	<u>Beg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<u>HZ</u>	<u>N</u>
Run Log:		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Bottle position verified?	<u>HZ</u>	<u>N</u>

	<u>Beg.</u>	<u>End</u>
Mass resolution \geq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 5k <input type="checkbox"/> 6-8K <input type="checkbox"/> 8K <input checked="" type="checkbox"/> 10K 1614 1699 429 1613/1668/8280		
Intergrated peaks display correctly?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GC Break <20%		<input checked="" type="checkbox"/>
8280 CS1 End Standard:		
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours		<input checked="" type="checkbox"/>

Comments:
 (A) 1 mass under 10k, 2 masses affected by column bleed

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-1.qld

Last Altered: Tuesday, September 29, 2020 07:46:40 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:47:24 Pacific Daylight Time

HZ 9-29-2020

GRB 09/29/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.44e6	3.10	NO	1.17	1.000	15.54	15.54	1.001	1.001	NO	56.31	113	0.0103	56.31
2	2 PCB-2	1.48e6	3.13	NO	1.18	1.000	17.97	17.95	0.988	0.988	NO	55.30	111	0.0103	55.30
3	3 PCB-3	1.49e6	3.13	NO	1.15	1.000	18.19	18.19	1.001	1.001	NO	57.35	115	0.0106	57.35
4	4 PCB-4/10	2.46e6	1.56	NO	1.25	1.000	19.62	19.62	1.004	1.004	NO	114.8	115	0.0727	114.8
5	5 PCB-7/9	2.96e6	1.57	NO	0.960	1.000	21.42	21.39	1.003	1.001	NO	114.0	114	0.0597	114.0
6	6 PCB-6	1.54e6	1.60	NO	1.02	1.000	22.07	22.07	1.033	1.033	NO	55.74	111	0.0560	55.74
7	7 PCB-5/8	3.04e6	1.58	NO	0.992	1.000	22.48	22.48	1.052	1.052	NO	113.2	113	0.0578	113.2
8	8 PCB-14	1.54e6	1.60	NO	1.02	1.000	23.61	23.61	0.951	0.951	NO	57.35	115	0.0613	57.35
9	9 PCB-11	1.64e6	1.60	NO	1.13	1.000	24.84	24.84	1.001	1.001	NO	55.11	110	0.0553	55.11
10	10 PCB-12/13	3.04e6	1.62	NO	1.03	1.000	25.27	25.21	1.018	1.016	NO	112.2	112	0.0607	112.2
11	11 PCB-15	1.56e6	1.60	NO	1.03	1.000	25.55	25.56	1.030	1.030	NO	57.24	114	0.0602	57.24
12	12 PCB-19	6.90e5	1.05	NO	1.11	1.000	23.81	23.80	1.001	1.001	NO	52.74	105	0.0264	52.74
13	13 PCB-30	1.14e6	1.04	NO	1.79	1.000	24.70	24.70	1.039	1.039	NO	53.59	107	0.0163	53.59
14	14 PCB-18	7.70e5	1.05	NO	0.818	1.000	25.48	25.48	0.952	0.952	NO	52.49	105	0.0245	52.49
15	15 PCB-17	7.23e5	1.06	NO	0.758	1.000	25.67	25.66	0.959	0.959	NO	53.18	106	0.0264	53.18
16	16 PCB-24/27	2.08e6	1.04	NO	1.08	1.000	26.26	26.25	0.981	0.981	NO	107.2	107	0.0185	107.2
17	17 PCB-16/32	1.78e6	1.04	NO	0.925	1.000	26.79	26.79	1.001	1.001	NO	107.2	107	0.0217	107.2
18	18 PCB-34	1.14e6	1.03	NO	0.945	1.000	27.60	27.60	0.959	0.959	NO	48.71	97.4	0.0277	48.71
19	19 PCB-23	1.23e6	1.05	NO	0.883	1.000	27.70	27.70	0.962	0.963	NO	56.39	113	0.0296	56.39
20	20 PCB-29	1.17e6	1.04	NO	0.893	1.000	27.95	27.96	0.971	0.972	NO	52.83	106	0.0293	52.83
21	21 PCB-26	1.22e6	1.06	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	52.26	105	0.0277	52.26
22	22 PCB-25	1.25e6	1.05	NO	0.950	1.000	28.33	28.33	0.984	0.985	NO	53.06	106	0.0275	53.06
23	23 PCB-31	1.42e6	1.02	NO	1.04	1.000	28.69	28.70	0.997	0.997	NO	55.28	111	0.0252	55.28
24	24 PCB-28	1.30e6	1.07	NO	1.03	1.000	28.79	28.81	1.001	1.001	NO	51.45	103	0.0255	51.45
25	25 PCB-20/21/33	3.60e6	1.06	NO	0.941	1.000	29.43	29.43	1.023	1.023	NO	154.8	103	0.0278	154.8
26	26 PCB-22	1.28e6	1.07	NO	0.973	1.000	29.89	29.89	1.039	1.039	NO	53.32	107	0.0269	53.32
27	27 PCB-36	1.28e6	1.08	NO	1.08	1.000	30.53	30.52	0.931	0.931	NO	54.88	110	0.0263	54.88
28	28 PCB-39	1.18e6	1.06	NO	0.988	1.000	31.01	31.01	0.946	0.946	NO	55.32	111	0.0286	55.32
29	29 PCB-38	1.25e6	1.04	NO	1.05	1.000	31.81	31.81	0.970	0.970	NO	54.93	110	0.0269	54.93
30	30 PCB-35	1.26e6	1.06	NO	1.04	1.000	32.35	32.35	0.987	0.987	NO	55.85	112	0.0271	55.85
31	31 PCB-37	1.23e6	1.05	NO	1.01	1.000	32.80	32.79	1.001	1.001	NO	56.25	113	0.0280	56.25
32	32 PCB-54	9.64e5	0.78	NO	1.08	1.000	27.64	27.66	1.001	1.001	NO	53.17	106	0.0222	53.17

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Dataset: U:\VG11.PRO\Results\200928K3\200928K3-1.qld

Last Altered: Tuesday, September 29, 2020 07:46:40 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:47:24 Pacific Daylight Time

Hr 9/29/20

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	7.49e5	0.78	NO	0.880	1.000	28.84	28.85	1.044	1.044	NO	50.70	101	0.0273	50.70
34	34 PCB-53	6.97e5	0.78	NO	0.997	1.000	29.52	29.52	0.944	0.944	NO	54.26	109	0.0323	54.26
35	35 PCB-51	7.61e5	0.78	NO	1.07	1.000	29.88	29.87	0.956	0.955	NO	55.44	111	0.0302	55.44
36	36 PCB-45	5.99e5	0.79	NO	0.858	1.000	30.32	30.32	0.970	0.970	NO	54.19	108	0.0375	54.19
37	37 PCB-46	5.67e5	0.79	NO	0.831	1.000	30.83	30.82	0.986	0.986	NO	52.95	106	0.0387	52.95
38	38 PCB-52/69	1.65e6	0.79	NO	1.17	1.000	31.31	31.31	1.001	1.001	NO	110.0	110	0.0276	110.0
39	39 PCB-73	9.67e5	0.78	NO	1.44	1.000	31.44	31.44	1.005	1.005	NO	51.98	104	0.0223	51.98
40	40 PCB-43/49	1.39e6	0.76	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	106.5	107	0.0317	106.5
41	41 PCB-47	6.78e5	0.75	NO	0.922	1.000	31.81	31.83	1.001	1.001	NO	52.98	106	0.0320	52.98
42	42 PCB-48/75	1.64e6	0.78	NO	1.12	1.000	31.92	31.94	1.004	1.005	NO	105.6	106	0.0263	105.6
43	43 PCB-65	9.01e5	0.78	NO	1.28	1.000	32.20	32.20	1.013	1.013	NO	50.57	101	0.0230	50.57
44	44 PCB-62	8.73e5	0.80	NO	1.13	1.000	32.31	32.31	1.016	1.016	NO	55.76	112	0.0261	55.76
45	45 PCB-44	6.01e5	0.77	NO	0.824	1.000	32.65	32.65	1.027	1.027	NO	52.47	105	0.0357	52.47
46	46 PCB-42/59	1.53e6	0.79	NO	1.05	1.000	32.85	32.87	1.033	1.034	NO	105.1	105	0.0281	105.1
47	47 PCB-41/64/71/72	3.56e6	0.78	NO	1.19	1.000	33.48	33.48	1.053	1.053	NO	216.1	108	0.0248	216.1
48	48 PCB-68	9.43e5	0.78	NO	1.28	1.000	33.75	33.74	1.062	1.061	NO	53.14	106	0.0231	53.14
49	49 PCB-40	4.54e5	0.80	NO	0.602	1.000	33.97	33.97	1.069	1.068	NO	54.32	109	0.0489	54.32
50	50 PCB-57	1.01e6	0.80	NO	1.16	1.000	34.32	34.34	0.969	0.970	NO	53.33	107	0.0222	53.33
51	51 PCB-67	9.51e5	0.81	NO	1.08	1.000	34.64	34.66	0.978	0.978	NO	53.82	108	0.0239	53.82
52	52 PCB-58	1.02e6	0.81	NO	1.20	1.000	34.75	34.77	0.981	0.982	NO	51.91	104	0.0215	51.91
53	53 PCB-63	9.09e5	0.78	NO	1.07	1.000	34.92	34.94	0.986	0.986	NO	52.01	104	0.0241	52.01
54	54 PCB-74	9.74e5	0.79	NO	1.19	1.000	35.22	35.23	0.994	0.995	NO	50.42	101	0.0218	50.42
55	55 PCB-61/70	1.87e6	0.78	NO	1.05	1.000	35.44	35.36	1.000	0.998	NO	109.0	109	0.0245	109.0
56	56 PCB-76/66	2.02e6	0.76	NO	1.16	1.000	35.63	35.62	1.006	1.006	NO	106.4	106	0.0222	106.4
57	57 PCB-80	1.07e6	0.77	NO	1.19	1.000	35.89	35.88	1.001	1.001	NO	53.41	107	0.0210	53.41
58	58 PCB-55	1.07e6	0.79	NO	1.17	1.000	36.22	36.20	1.010	1.009	NO	54.13	108	0.0213	54.13
59	59 PCB-56/60	1.77e6	0.79	NO	1.02	1.000	36.72	36.72	1.024	1.024	NO	103.2	103	0.0245	103.2
60	60 PCB-79	1.02e6	0.77	NO	1.14	1.000	37.82	37.82	1.054	1.054	NO	53.41	107	0.0219	53.41
61	61 PCB-78	9.47e5	0.78	NO	1.14	1.000	38.54	38.54	0.987	0.987	NO	52.58	105	0.0234	52.58
62	62 PCB-81	8.81e5	0.79	NO	1.05	1.000	39.09	39.08	1.000	1.000	NO	53.14	106	0.0255	53.14
63	63 PCB-77	9.11e5	0.78	NO	1.14	1.000	39.70	39.70	1.000	1.000	NO	53.63	107	0.0248	53.63
64	64 PCB-104	6.76e5	1.59	NO	1.12	1.000	32.48	32.50	1.001	1.001	NO	53.17	106	0.0152	53.17
65	65 PCB-96	6.73e5	1.59	NO	1.15	1.000	33.80	33.80	1.041	1.041	NO	51.49	103	0.0148	51.49
66	66 PCB-103	5.36e5	1.61	NO	0.936	1.000	34.36	34.36	1.059	1.058	NO	50.55	101	0.0182	50.55
67	67 PCB-100	5.48e5	1.59	NO	0.954	1.000	34.72	34.71	1.070	1.069	NO	50.69	101	0.0179	50.69
68	68 PCB-94	4.29e5	1.59	NO	0.949	1.000	35.21	35.21	0.985	0.985	NO	50.03	100	0.0219	50.03

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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.68e6	1.58	NO	1.20	1.000	35.68	35.70	0.999	0.999	NO	154.3	103	0.0173	154.3
70	70 PCB-93	3.92e5	1.61	NO	0.935	1.000	35.82	35.83	1.003	1.003	NO	46.43	92.9	0.0223	46.43
71	71 PCB-88/91	8.86e5	1.58	NO	1.06	1.000	36.16	36.16	1.012	1.012	NO	92.16	92.2	0.0195	92.16
72	72 PCB-121	8.08e5	1.60	NO	1.71	1.000	36.26	36.26	1.015	1.015	NO	52.32	105	0.0122	52.32
73	73 PCB-84/92	9.09e5	1.61	NO	1.02	1.000	37.11	37.11	0.990	0.990	NO	103.3	103	0.0216	103.3
74	74 PCB-89	5.00e5	1.62	NO	1.11	1.000	37.29	37.30	0.995	0.995	NO	52.34	105	0.0199	52.34
75	75 PCB-90/101	9.78e5	1.60	NO	1.12	1.000	37.50	37.48	1.000	1.000	NO	100.8	101	0.0196	100.8
76	76 PCB-113	6.96e5	1.57	NO	1.51	1.000	37.75	37.74	1.007	1.007	NO	53.20	106	0.0145	53.20
77	77 PCB-99	5.35e5	1.59	NO	1.32	1.000	37.83	37.84	1.009	1.009	NO	46.89	93.8	0.0167	46.89
78	78 PCB-119	6.80e5	1.61	NO	1.81	1.000	38.32	38.32	0.987	0.987	NO	49.12	98.2	0.0135	49.12
79	79 PCB-108/112	1.11e6	1.57	NO	1.44	1.000	38.48	38.47	0.991	0.991	NO	100.4	100	0.0169	100.4
80	80 PCB-83	6.86e5	1.59	NO	1.83	1.000	38.63	38.64	0.995	0.995	NO	48.85	97.7	0.0134	48.85
81	81 PCB-97	4.93e5	1.60	NO	1.28	1.000	38.84	38.84	1.000	1.000	NO	50.21	100	0.0191	50.21
82	82 PCB-86	4.76e5	1.56	NO	1.12	1.000	38.98	38.99	1.004	1.004	NO	55.55	111	0.0219	55.55
83	83 PCB-87/117/125	1.80e6	1.59	NO	1.56	1.000	39.13	39.12	1.008	1.008	NO	150.9	101	0.0157	150.9
84	84 PCB-111/115	1.40e6	1.59	NO	1.91	1.000	39.29	39.29	1.012	1.012	NO	95.57	95.6	0.0128	95.57
85	85 PCB-85/116	1.13e6	1.58	NO	1.41	1.000	39.42	39.42	1.015	1.015	NO	104.1	104	0.0173	104.1
86	86 PCB-120	7.64e5	1.58	NO	2.01	1.000	39.67	39.68	1.022	1.022	NO	49.68	99.4	0.0122	49.68
87	87 PCB-110	6.59e5	1.60	NO	1.74	1.000	39.83	39.81	1.026	1.025	NO	49.31	98.6	0.0140	49.31
88	88 PCB-82	4.04e5	1.57	NO	0.781	1.000	40.47	40.46	0.976	0.976	NO	52.48	105	0.0251	52.48
89	89 PCB-124	6.65e5	1.57	NO	1.40	1.000	41.17	41.17	0.993	0.993	NO	48.35	96.7	0.0140	48.35
90	90 PCB-107/109	1.38e6	1.60	NO	1.34	1.000	41.32	41.32	0.996	0.996	NO	104.7	105	0.0146	104.7
91	91 PCB-123	6.15e5	1.61	NO	1.20	1.000	41.49	41.49	1.000	1.000	NO	52.12	104	0.0164	52.12
92	92 PCB-106/118	1.33e6	1.62	NO	1.22	1.000	41.69	41.71	1.001	1.001	NO	104.6	105	0.0154	104.6
93	93 PCB-114	9.25e5	1.57	NO	1.14	1.000	42.35	42.35	1.000	1.000	NO	55.95	112	0.0718	55.95
94	94 PCB-122	7.77e5	1.58	NO	0.944	1.000	42.50	42.50	1.004	1.004	NO	56.84	114	0.0867	56.84
95	95 PCB-105	8.81e5	1.59	NO	1.05	1.000	43.24	43.24	1.000	1.000	NO	56.87	114	0.0768	56.87
96	96 PCB-127	9.26e5	1.57	NO	1.06	1.000	43.58	43.60	1.000	1.001	NO	58.08	116	0.0762	58.08
97	97 PCB-126	9.73e5	1.58	NO	1.17	1.000	45.55	45.55	1.000	1.000	NO	56.86	114	0.0698	56.86
98	98 PCB-155	3.99e5	1.30	NO	1.04	1.000	37.02	37.02	1.000	1.001	NO	49.52	99.0	0.0109	49.52
99	99 PCB-150	4.21e5	1.28	NO	1.08	1.000	38.34	38.34	1.036	1.036	NO	50.32	101	0.0105	50.32
100	1... PCB-152	4.67e5	1.27	NO	1.19	1.000	38.83	38.82	1.049	1.049	NO	50.98	102	0.00962	50.98
101	1... PCB-145	4.69e5	1.25	NO	1.19	1.000	39.28	39.29	1.062	1.062	NO	51.05	102	0.00961	51.05
102	1... PCB-136	4.17e5	1.31	NO	1.02	1.000	39.63	39.62	1.071	1.071	NO	52.93	106	0.0112	52.93
103	1... PCB-148	3.07e5	1.31	NO	0.842	1.000	39.74	39.74	1.074	1.074	NO	47.18	94.4	0.0136	47.18
104	1... PCB-154	3.33e5	1.27	NO	0.919	1.000	40.24	40.24	1.088	1.088	NO	46.87	93.7	0.0124	46.87

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-1.qld

Last Altered: Tuesday, September 29, 2020 07:46:40 Pacific Daylight Time

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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	2.86e5	1.28	NO	0.787	1.000	40.91	40.89	1.106	1.105	NO	47.04	94.1	0.0145	47.04
106	1... PCB-135	3.13e5	1.30	NO	0.922	1.000	41.13	41.11	1.112	1.111	NO	43.87	87.7	0.0124	43.87
107	1... PCB-144	3.15e5	1.31	NO	0.789	1.000	41.23	41.22	1.114	1.114	NO	51.73	103	0.0145	51.73
108	1... PCB-147	3.07e5	1.30	NO	0.834	1.000	41.38	41.37	1.118	1.118	NO	47.58	95.2	0.0137	47.58
109	1... PCB-139/149	6.89e5	1.30	NO	0.948	1.000	41.64	41.63	1.125	1.125	NO	94.08	94.1	0.0120	94.08
110	1... PCB-140	2.93e5	1.30	NO	0.794	1.000	41.88	41.84	1.132	1.131	NO	47.83	95.7	0.0144	47.83
111	1... PCB-134/143	9.96e5	1.26	NO	0.759	1.000	42.29	42.29	0.975	0.975	NO	108.0	108	0.0870	108.0
112	1... PCB-131/133	1.09e6	1.25	NO	0.821	1.000	42.59	42.60	0.982	0.982	NO	109.2	109	0.0804	109.2
113	1... PCB-142	4.78e5	1.26	NO	0.754	1.000	42.74	42.75	0.985	0.985	NO	52.19	104	0.0875	52.19
114	1... PCB-146/165	1.32e6	1.25	NO	1.02	1.000	42.97	42.99	0.990	0.991	NO	107.0	107	0.0649	107.0
115	1... PCB-132/161	1.32e6	1.25	NO	1.02	1.000	43.22	43.22	0.996	0.996	NO	106.4	106	0.0644	106.4
116	1... PCB-153	6.69e5	1.24	NO	1.07	1.000	43.41	43.41	1.000	1.000	NO	51.42	103	0.0616	51.42
117	1... PCB-168	6.84e5	1.28	NO	1.08	1.000	43.64	43.64	1.006	1.006	NO	52.28	105	0.0613	52.28
118	1... PCB-141	5.35e5	1.26	NO	1.03	1.000	44.17	44.17	1.000	1.000	NO	53.45	107	0.0825	53.45
119	1... PCB-137	5.27e5	1.24	NO	1.11	1.000	44.56	44.57	1.009	1.009	NO	48.66	97.3	0.0763	48.66
120	1... PCB-130	4.67e5	1.25	NO	0.885	1.000	44.68	44.68	1.012	1.012	NO	54.08	108	0.0957	54.08
121	1... PCB-138/163/164	2.06e6	1.25	NO	1.28	1.000	45.06	45.08	1.001	1.001	NO	161.9	108	0.0631	161.9
122	1... PCB-158/160	1.30e6	1.24	NO	1.24	1.000	45.30	45.31	1.006	1.006	NO	105.4	105	0.0653	105.4
123	1... PCB-129	4.85e5	1.25	NO	0.867	1.000	45.55	45.57	1.012	1.012	NO	56.36	113	0.0935	56.36
124	1... PCB-166	7.73e5	1.25	NO	1.14	1.000	46.03	46.03	0.993	0.993	NO	53.17	106	0.0569	53.17
125	1... PCB-159	8.33e5	1.27	NO	1.22	1.000	46.37	46.37	1.000	1.000	NO	53.82	108	0.0535	53.82
126	1... PCB-128/162	1.21e6	1.25	NO	0.907	1.000	46.68	46.67	1.007	1.007	NO	104.7	105	0.0717	104.7
127	1... PCB-167	7.35e5	1.26	NO	1.11	1.000	47.07	47.07	1.000	1.000	NO	53.68	107	0.0604	53.68
128	1... PCB-156	7.00e5	1.27	NO	1.13	1.000	48.39	48.41	1.000	1.001	NO	53.47	107	0.0650	53.47
129	1... PCB-157	6.48e5	1.27	NO	1.04	1.000	48.68	48.68	1.000	1.000	NO	53.21	106	0.0681	53.21
130	1... PCB-169	6.76e5	1.26	NO	1.16	1.000	50.95	50.95	1.000	1.000	NO	53.25	107	0.0668	53.25
131	1... PCB-188	6.63e5	1.04	NO	1.29	1.000	43.05	43.03	1.001	1.000	NO	52.11	104	0.0540	52.11
132	1... PCB-184	6.35e5	1.03	NO	1.23	1.000	43.48	43.51	1.011	1.011	NO	52.25	105	0.0566	52.25
133	1... PCB-179	6.48e5	1.04	NO	1.30	1.000	44.31	44.30	1.030	1.030	NO	50.61	101	0.0537	50.61
134	1... PCB-176	6.49e5	1.06	NO	1.31	1.000	44.77	44.78	1.041	1.041	NO	50.29	101	0.0532	50.29
135	1... PCB-186	6.80e5	1.03	NO	1.33	1.000	45.40	45.40	1.056	1.055	NO	51.89	104	0.0524	51.89
136	1... PCB-178	4.92e5	1.04	NO	0.943	1.000	45.91	45.91	1.067	1.067	NO	52.90	106	0.0739	52.90
137	1... PCB-175	4.79e5	1.03	NO	0.956	1.000	46.27	46.27	1.076	1.076	NO	50.80	102	0.0729	50.80
138	1... PCB-182/187	1.07e6	1.04	NO	1.07	1.000	46.48	46.46	1.081	1.080	NO	102.0	102	0.0654	102.0
139	1... PCB-183	5.22e5	1.04	NO	1.02	1.000	46.78	46.78	1.088	1.088	NO	51.79	104	0.0681	51.79
140	1... PCB-185	4.45e5	1.02	NO	1.41	1.000	47.44	47.47	0.955	0.955	NO	51.24	102	0.0831	51.24

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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	4.16e5	1.02	NO	1.35	1.000	47.84	47.84	0.963	0.963	NO	49.76	99.5	0.0863	49.76
142	1... PCB-181	4.82e5	1.03	NO	1.47	1.000	47.94	47.94	0.965	0.965	NO	52.88	106	0.0792	52.88
143	1... PCB-177	4.04e5	1.04	NO	1.28	1.000	48.11	48.11	0.968	0.968	NO	51.16	102	0.0914	51.16
144	1... PCB-171	4.19e5	1.05	NO	1.32	1.000	48.41	48.41	0.974	0.974	NO	51.49	103	0.0887	51.49
145	1... PCB-173	3.68e5	1.06	NO	1.19	1.000	48.84	48.85	0.983	0.983	NO	50.05	100	0.0981	50.05
146	1... PCB-172	4.39e5	1.02	NO	1.38	1.000	49.32	49.32	0.992	0.992	NO	51.62	103	0.0849	51.62
147	1... PCB-192	5.56e5	1.03	NO	1.83	1.000	49.51	49.51	0.996	0.996	NO	49.24	98.5	0.0639	49.24
148	1... PCB-180	4.47e5	1.04	NO	1.41	1.000	49.72	49.74	1.000	1.001	NO	51.22	102	0.0827	51.22
149	1... PCB-193	5.18e5	1.03	NO	1.68	1.000	49.94	49.95	1.005	1.005	NO	49.99	100	0.0696	49.99
150	1... PCB-191	5.32e5	1.06	NO	1.71	1.000	50.21	50.21	1.010	1.010	NO	50.32	101	0.0683	50.32
151	1... PCB-170	3.97e5	1.02	NO	1.40	1.000	51.39	51.40	1.000	1.001	NO	52.85	106	0.0963	52.85
152	1... PCB-190	5.02e5	1.05	NO	1.85	1.000	51.60	51.60	1.005	1.004	NO	50.62	101	0.0728	50.62
153	1... PCB-189	5.04e5	1.04	NO	1.45	1.000	53.11	53.11	1.000	1.000	NO	51.43	103	0.0628	51.43
154	1... PCB-202	4.44e5	0.91	NO	1.17	1.000	48.64	48.62	1.001	1.000	NO	50.20	100	0.0333	50.20
155	1... PCB-201	3.98e5	0.91	NO	1.05	1.000	49.13	49.13	1.011	1.011	NO	49.90	99.8	0.0370	49.90
156	1... PCB-204	4.21e5	0.91	NO	1.14	1.000	49.28	49.28	1.014	1.014	NO	48.69	97.4	0.0341	48.69
157	1... PCB-197	4.22e5	0.91	NO	1.13	1.000	49.60	49.61	1.021	1.021	NO	49.24	98.5	0.0343	49.24
158	1... PCB-200	4.06e5	0.91	NO	1.07	1.000	50.54	50.53	1.040	1.040	NO	50.04	100	0.0363	50.04
159	1... PCB-198	2.90e5	0.90	NO	0.794	1.000	52.08	52.09	1.072	1.072	NO	48.32	96.6	0.0490	48.32
160	1... PCB-199	3.05e5	0.90	NO	0.809	1.000	52.22	52.22	1.074	1.074	NO	49.84	99.7	0.0481	49.84
161	1... PCB-196/203	6.06e5	0.91	NO	0.838	1.000	52.52	52.52	1.081	1.081	NO	95.50	95.5	0.0464	95.50
162	1... PCB-195	4.20e5	0.91	NO	1.04	1.000	53.82	53.80	0.984	0.983	NO	57.69	115	0.0939	57.69
163	1... PCB-194	4.33e5	0.91	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	55.64	111	0.0879	55.64
164	1... PCB-205	5.02e5	0.91	NO	1.29	1.000	55.00	55.00	1.005	1.005	NO	55.80	112	0.0760	55.80
165	1... PCB-208	4.37e5	1.33	NO	0.933	1.000	53.96	53.96	1.000	1.000	NO	51.78	104	0.0563	51.78
166	1... PCB-207	4.19e5	1.37	NO	0.916	1.000	54.30	54.30	1.007	1.007	NO	50.64	101	0.0573	50.64
167	1... PCB-206	2.30e5	1.34	NO	1.01	1.000	56.26	56.26	1.000	1.000	NO	52.72	105	0.110	52.72
168	1... PCB-209	1.45e5	1.17	NO	0.986	1.000	57.47	57.49	1.000	1.000	NO	50.47	101	0.00756	50.47
169	1... 13C-PCB-1	2.18e6	3.42	NO	0.893	1.000	15.53	15.53	0.608	0.608	NO	89.70	89.7	0.0710	89.70
170	1... 13C-PCB-3	2.27e6	3.32	NO	0.911	1.000	18.18	18.18	0.712	0.712	NO	91.29	91.3	0.0696	91.29
171	1... 13C-PCB-4	1.72e6	1.60	NO	0.600	1.000	19.54	19.53	0.765	0.765	NO	105.1	105	0.0493	105.1
172	1... 13C-PCB-9	2.70e6	1.59	NO	0.970	1.000	21.37	21.36	0.837	0.836	NO	102.3	102	0.0305	102.3
173	1... 13C-PCB-11	2.64e6	1.60	NO	0.962	1.000	24.82	24.82	0.972	0.972	NO	100.7	101	0.0308	100.7
174	1... 13C-PCB-19	1.18e6	1.04	NO	0.499	1.000	23.78	23.77	0.931	0.931	NO	87.02	87.0	2.27	87.02
175	1... 13C-PCB-32	1.79e6	1.06	NO	0.744	1.000	26.77	26.77	1.048	1.048	NO	88.45	88.4	1.52	88.45
176	1... 13C-PCB-28	2.47e6	1.08	NO	1.06	1.000	28.77	28.77	1.003	1.003	NO	108.7	109	0.304	108.7

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-1.qld

Last Altered: Tuesday, September 29, 2020 07:46:40 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 07:47:24 Pacific Daylight Time

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	2.17e6	1.06	NO	0.989	1.000	32.77	32.78	1.143	1.143	NO	102.5	103	0.327	
178	1... 13C-PCB-54	1.68e6	0.79	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	104.2	104	0.0742	
179	1... 13C-PCB-52	1.29e6	0.79	NO	0.804	1.000	31.26	31.27	0.852	0.852	NO	99.40	99.4	0.0921	
180	1... 13C-PCB-47	1.39e6	0.78	NO	0.857	1.000	31.78	31.79	0.866	0.866	NO	100.5	101	0.0864	
181	1... 13C-PCB-70	1.63e6	0.81	NO	0.996	1.000	35.43	35.42	0.965	0.965	NO	101.6	102	0.0744	
182	1... 13C-PCB-80	1.69e6	0.81	NO	1.03	1.000	35.87	35.87	0.977	0.977	NO	101.7	102	0.0721	
183	1... 13C-PCB-81	1.58e6	0.79	NO	0.988	1.000	39.06	39.07	1.064	1.064	NO	99.50	99.5	0.0750	
184	1... 13C-PCB-77	1.49e6	0.80	NO	0.969	1.000	39.67	39.68	1.081	1.081	NO	95.72	95.7	0.0765	
185	1... 13C-PCB-104	1.13e6	1.60	NO	1.02	1.000	32.46	32.46	0.827	0.827	NO	100.6	101	0.0363	
186	1... 13C-PCB-95	9.03e5	1.63	NO	0.805	1.000	35.74	35.74	0.910	0.910	NO	101.2	101	0.0458	
187	1... 13C-PCB-101	8.64e5	1.58	NO	0.793	1.000	37.49	37.48	0.955	0.954	NO	98.39	98.4	0.0465	
188	1... 13C-PCB-97	7.67e5	1.62	NO	0.696	1.000	38.83	38.82	0.989	0.989	NO	99.34	99.3	0.0529	
189	1... 13C-PCB-123	9.85e5	1.63	NO	0.933	1.000	41.47	41.47	1.056	1.056	NO	95.30	95.3	0.0395	
190	1... 13C-PCB-118	1.04e6	1.63	NO	0.986	1.000	41.66	41.65	1.061	1.061	NO	95.14	95.1	0.0374	
191	1... 13C-PCB-114	1.45e6	1.58	NO	1.55	1.000	42.33	42.33	0.908	0.908	NO	108.6	109	0.0703	
192	1... 13C-PCB-105	1.47e6	1.58	NO	1.57	1.000	43.22	43.22	0.927	0.927	NO	108.7	109	0.0692	
193	1... 13C-PCB-127	1.51e6	1.59	NO	1.62	1.000	43.56	43.56	0.934	0.934	NO	107.4	107	0.0669	
194	1... 13C-PCB-126	1.46e6	1.59	NO	1.57	1.000	45.54	45.53	0.976	0.976	NO	107.9	108	0.0694	
195	1... 13C-PCB-155	7.73e5	1.26	NO	0.615	1.000	36.99	37.00	0.942	0.942	NO	113.4	113	0.0251	
196	1... 13C-PCB-153	1.21e6	1.27	NO	1.36	1.000	43.39	43.39	0.930	0.931	NO	103.1	103	0.0758	
197	1... 13C-PCB-141	9.75e5	1.30	NO	1.13	1.000	44.15	44.15	0.947	0.947	NO	100.2	100	0.0917	
198	1... 13C-PCB-138	9.93e5	1.31	NO	1.18	1.000	45.02	45.02	0.965	0.965	NO	97.17	97.2	0.0873	
199	1... 13C-PCB-159	1.27e6	1.31	NO	1.44	1.000	46.34	46.35	0.994	0.994	NO	102.5	102	0.0719	
200	2... 13C-PCB-167	1.23e6	1.29	NO	1.44	1.000	47.05	47.05	1.009	1.009	NO	99.34	99.3	0.0718	
201	2... 13C-PCB-156	1.16e6	1.29	NO	1.40	1.000	48.37	48.37	1.037	1.037	NO	96.46	96.5	0.0740	
202	2... 13C-PCB-157	1.17e6	1.29	NO	1.40	1.000	48.66	48.66	1.043	1.043	NO	97.24	97.2	0.0740	
203	2... 13C-PCB-169	1.10e6	1.30	NO	1.33	1.000	50.93	50.93	1.092	1.092	NO	95.48	95.5	0.0777	
204	2... 13C-PCB-188	9.86e5	0.45	NO	1.41	1.000	43.01	43.01	0.926	0.926	NO	99.59	99.6	0.0634	
205	2... 13C-PCB-180	6.18e5	0.46	NO	0.929	1.000	49.70	49.70	1.070	1.070	NO	94.76	94.8	0.0962	
206	2... 13C-PCB-170	5.36e5	0.46	NO	0.794	1.000	51.36	51.37	1.106	1.106	NO	96.11	96.1	0.113	
207	2... 13C-PCB-189	6.75e5	0.45	NO	1.04	1.000	53.09	53.09	1.143	1.143	NO	92.06	92.1	0.0856	
208	2... 13C-PCB-202	7.57e5	0.91	NO	1.04	1.000	48.60	48.60	1.046	1.047	NO	104.1	104	0.0809	
209	2... 13C-PCB-194	6.98e5	0.90	NO	0.768	1.000	54.71	54.71	0.995	0.995	NO	97.71	97.7	0.197	
210	2... 13C-PCB-208	9.04e5	0.78	NO	0.991	1.000	53.95	53.95	0.981	0.981	NO	98.14	98.1	0.112	
211	2... 13C-PCB-206	4.33e5	0.81	NO	0.552	1.000	56.25	56.24	1.023	1.023	NO	84.37	84.4	0.201	
212	2... 13C-PCB-209	2.92e5	1.17	NO	0.396	1.000	57.49	57.47	1.046	1.045	NO	79.12	79.1	0.0180	

501457

Dataset: U:\VG11.PRO\Results\200928K3\200928K3-1.qld

Last Altered: Tuesday, September 29, 2020 07:46:40 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:47:24 Pacific Daylight Time

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.72e6	1.58	NO	1.00	1.000	25.54	25.54	1.000	0.000	NO	100.0	100	0.0296	
214	2... 13C-PCB-31	2.14e6	1.09	NO	1.00	1.000	28.69	28.68	1.000	0.000	NO	100.0	100	0.324	
215	2... 13C-PCB-60	1.61e6	0.79	NO	1.00	1.000	36.71	36.70	1.000	0.000	NO	100.0	100	0.0741	
216	2... 13C-PCB-111	1.11e6	1.64	NO	1.00	1.000	39.27	39.27	1.000	0.000	NO	100.0	100	0.0368	
217	2... 13C-PCB-128	8.63e5	1.32	NO	1.00	1.000	46.64	46.63	1.000	0.000	NO	100.0	100	0.103	
218	2... 13C-PCB-182	7.02e5	0.46	NO	1.00	1.000	46.45	46.44	0.000	0.000	NO	100.0	100	0.0894	
219	2... 13C-PCB-205	9.30e5	0.91	NO	1.00	1.000	54.99	54.99	1.000	0.000	NO	100.0	100	0.152	
220	2... 13C-PCB-79	1.75e6	0.80	NO	1.07	1.000	37.80	37.80	1.030	1.030	NO	101.4	101	0.0693	25-1251
221	2... 13C-PCB-178	7.01e5	0.44	NO	0.766	1.000	45.89	45.89	0.988	0.988	NO	106.0	106	0.0902	
222	2... 13C-PCB-79	1.74e6	0.80	NO	1.08	1.000	37.80	37.80	0.968	0.968	NO	101.7	102	0.0722	
223	2... 13C-PCB-178	7.01e5	0.44	NO	1.05	1.000	45.89	45.89	0.923	0.923	NO	107.9	108	0.0938	

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Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
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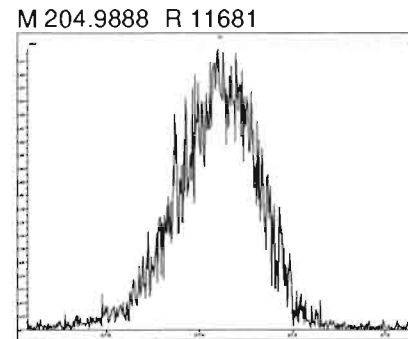
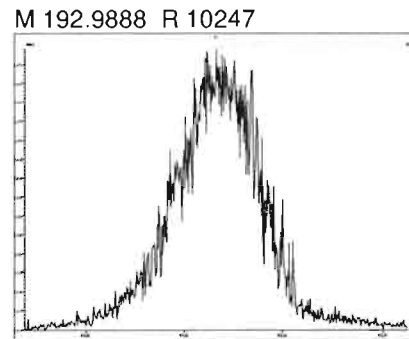
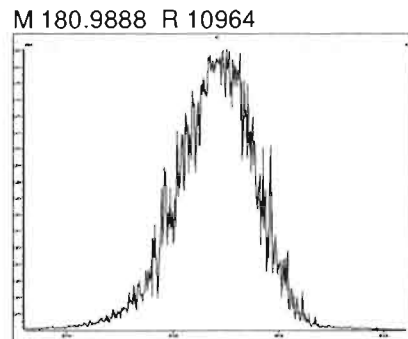
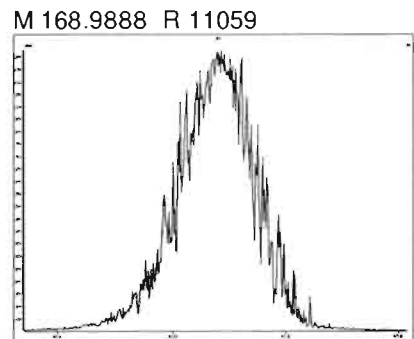
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Compound name: PCB-1

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1	200928K3_1	ST200928K3-1 PCB 209 CS3 19G2609	28-Sep-20	16:44:14
2	200928K3_2	B0I0188-BS1 OPR 5	28-Sep-20	17:44:26
3	200928K3_3	B0I0199-BS1 OPR 10	28-Sep-20	18:43:26
4	200928K3_4	B0I0201-BS1 OPR 10	28-Sep-20	19:43:57
5	200928K3_5	SOLVENT BLANK	28-Sep-20	20:44:28
6	200928K3_6	B0I0201-BLK1 Method Blank 10	28-Sep-20	21:44:59
7	200928K3_7	B0I0199-BLK1 Method Blank 10	28-Sep-20	22:45:30
8	200928K3_8	B0I0188-BLK1 Method Blank 5	28-Sep-20	23:46:00
9	200928K3_9	2001993-01 NCPDI-004SG-200922 7.36	29-Sep-20	00:46:31
10	200928K3_10	2001993-02 NCPDI-007SG-200922 7.98	29-Sep-20	01:47:00
11	200928K3_11	2001993-03 NCPDI-008SG-200922 7.69	29-Sep-20	02:47:30
12	200928K3_12	2001994-01 NCPDI-001SG-200921 7.14	29-Sep-20	03:48:00

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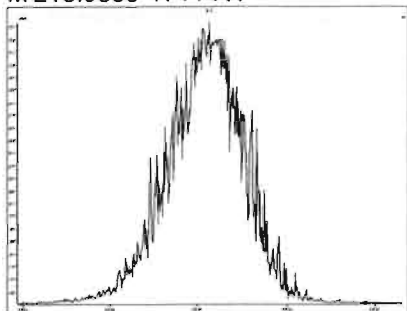
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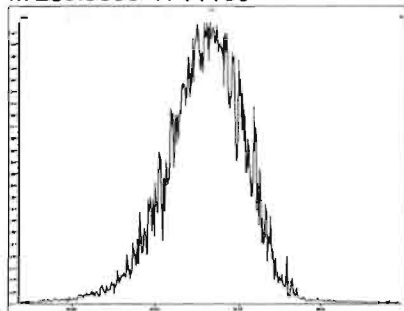
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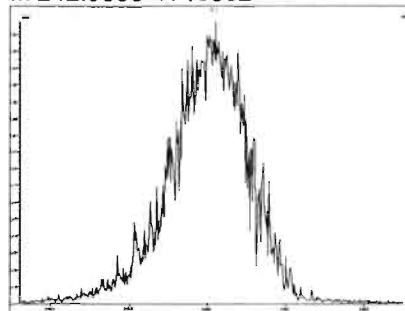
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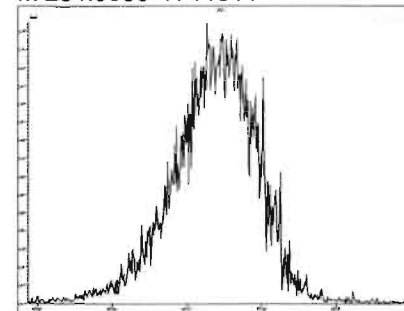
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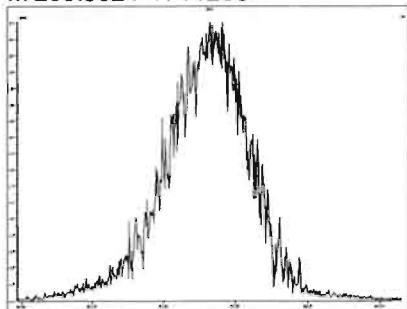
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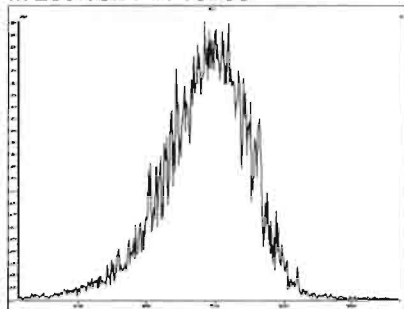
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M 268.9824 R 11209



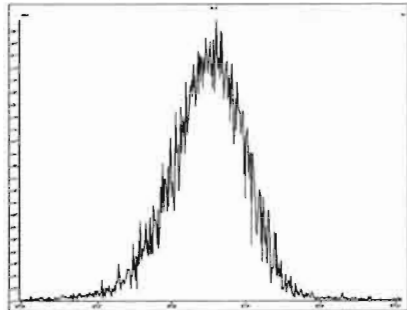
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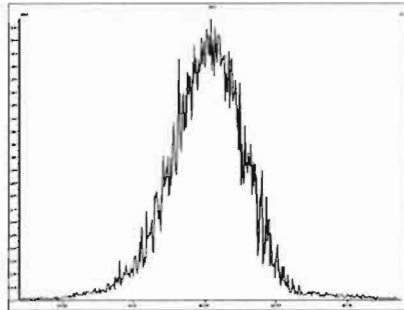
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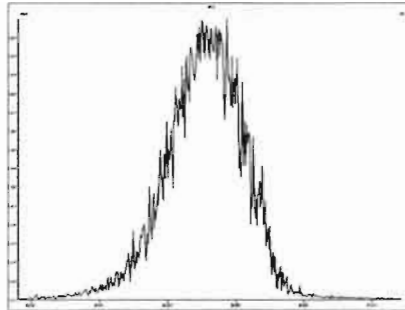
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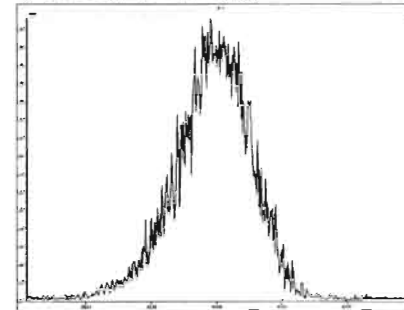
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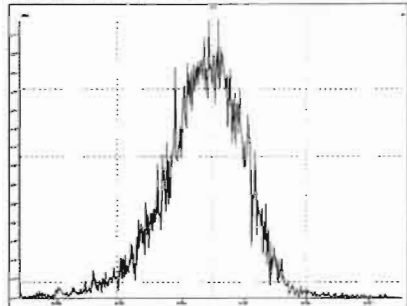
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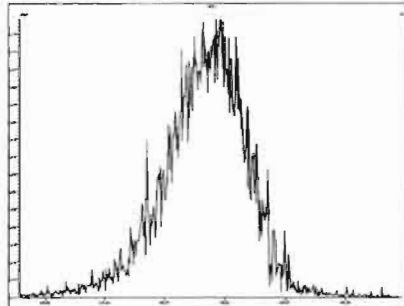
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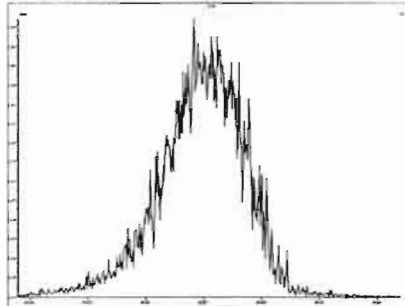
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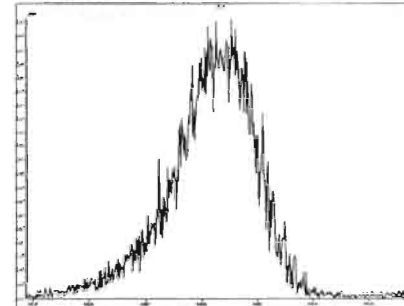
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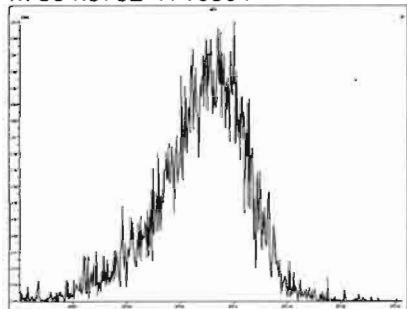
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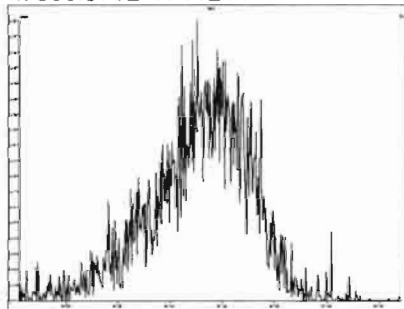
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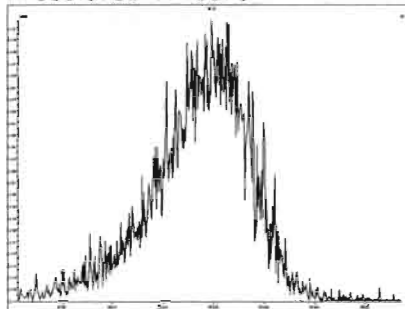
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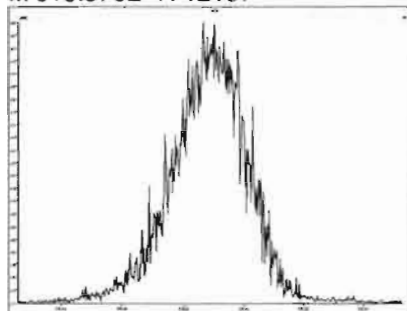
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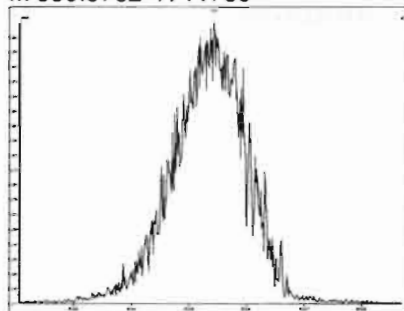
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Printed: Monday, September 28, 2020 16:42:06 Pacific Daylight Time

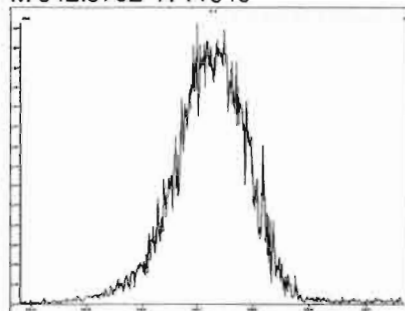
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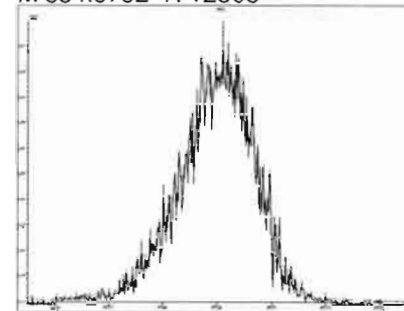
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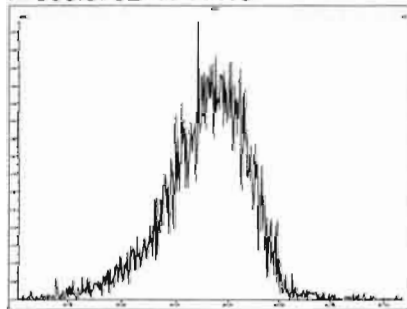
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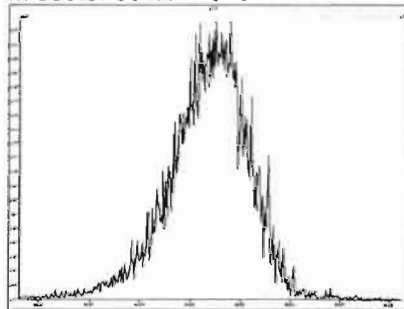
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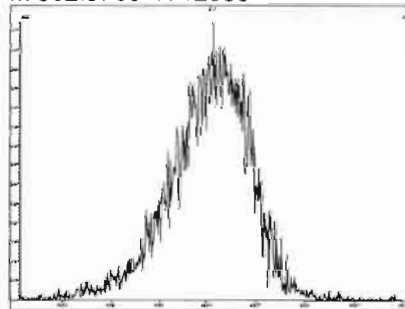
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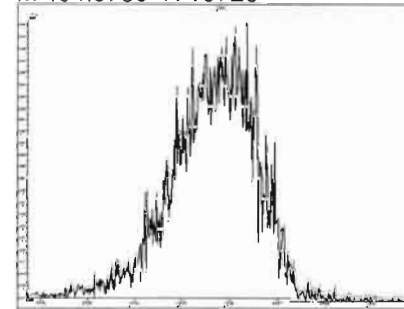
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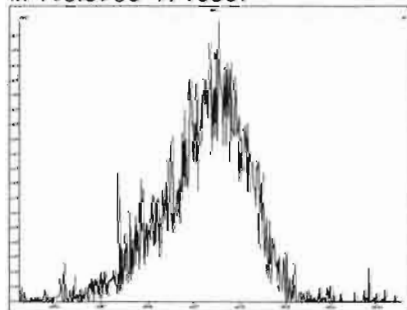
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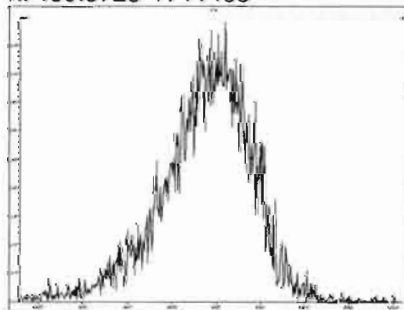
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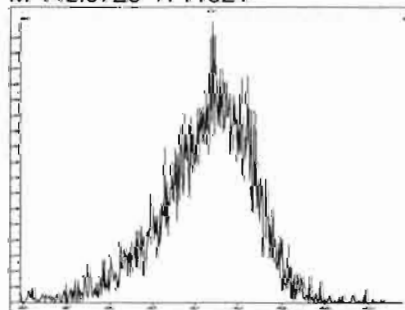
M 416.9760 R 10967



M 430.9728 R 11465



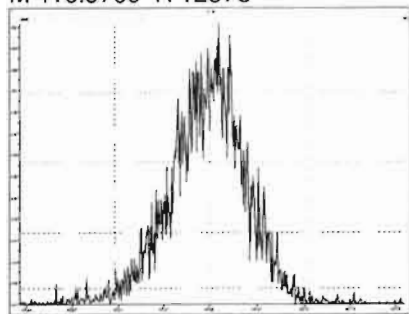
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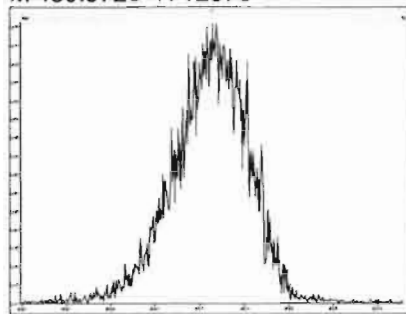
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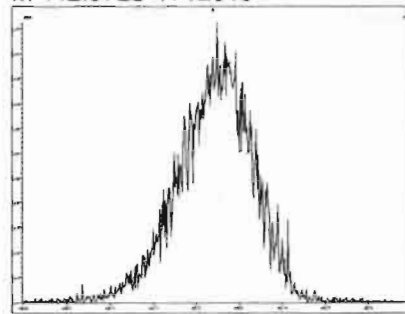
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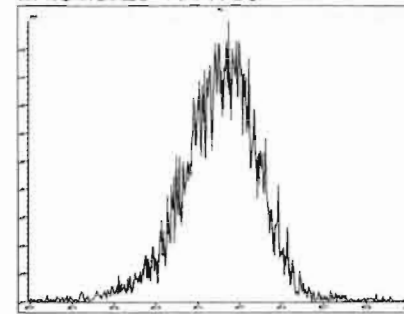
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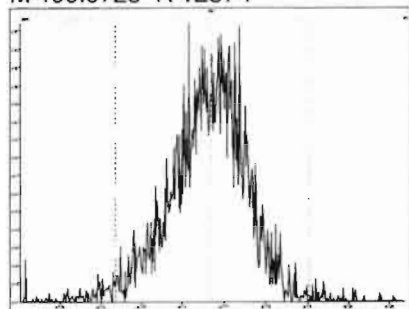
M 442.9728 R 12019



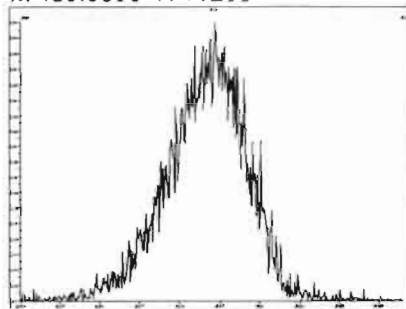
M 454.9728 R 11736



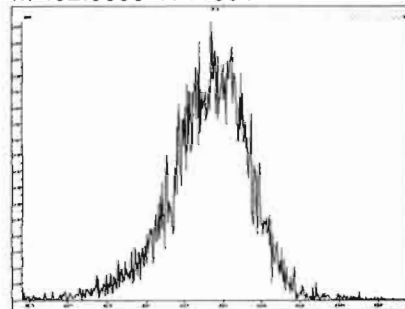
M 466.9728 R 12374



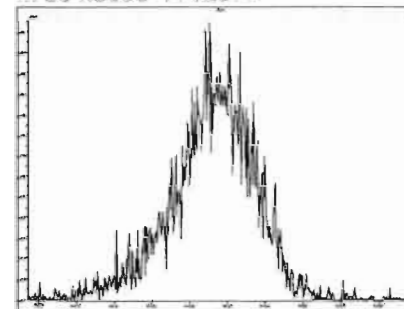
M 480.9696 R 11208



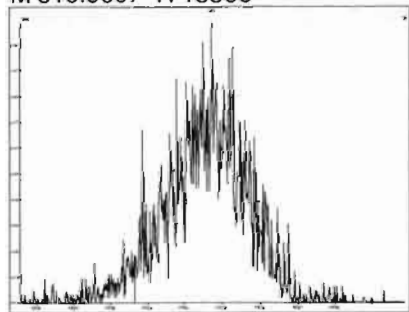
M 492.9696 R 11364



M 504.9696 R 12077



M 516.9697 R 13368



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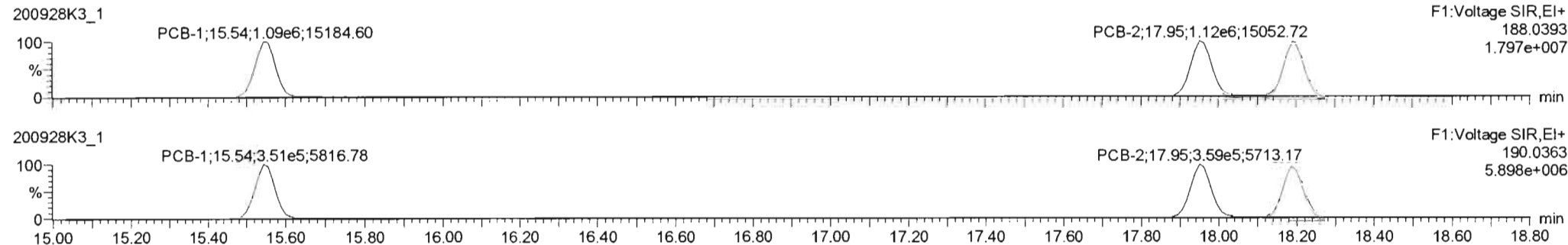
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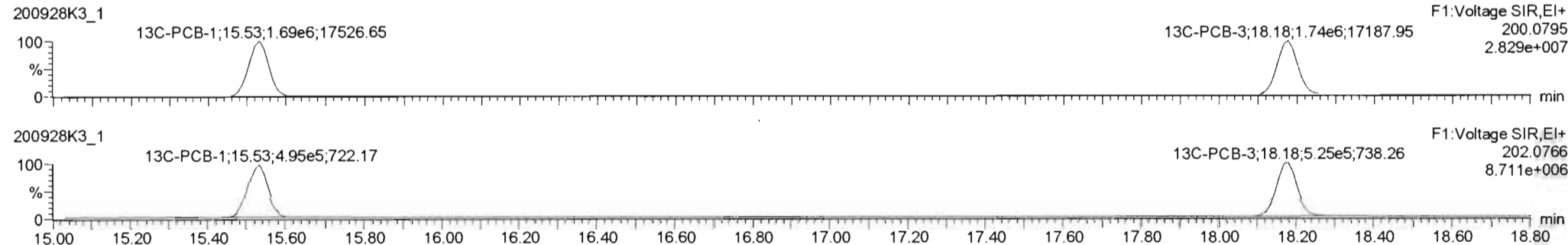
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

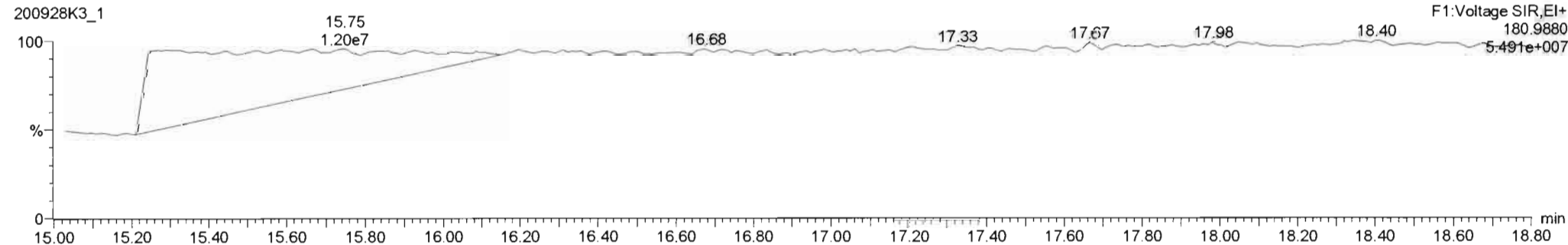
PCB-1



13C-PCB-1



PFK1

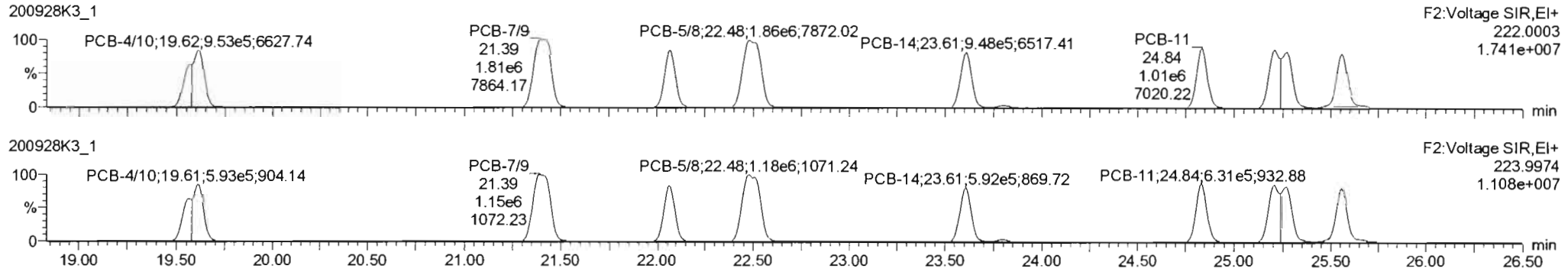


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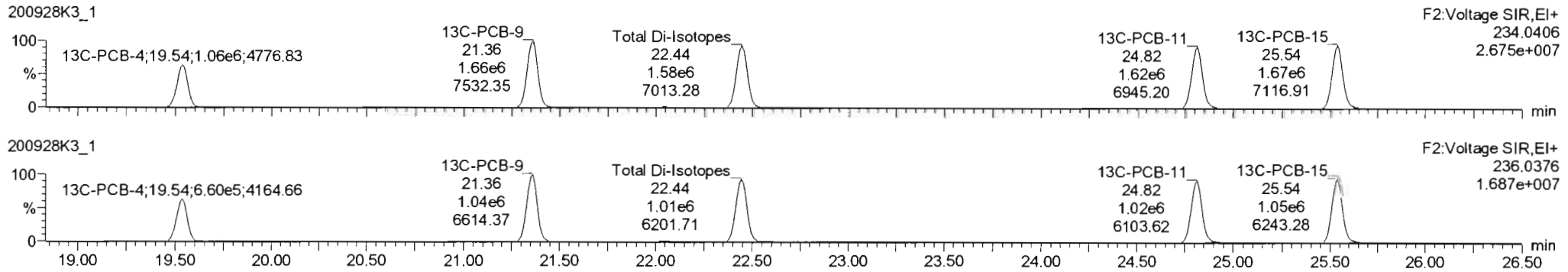
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

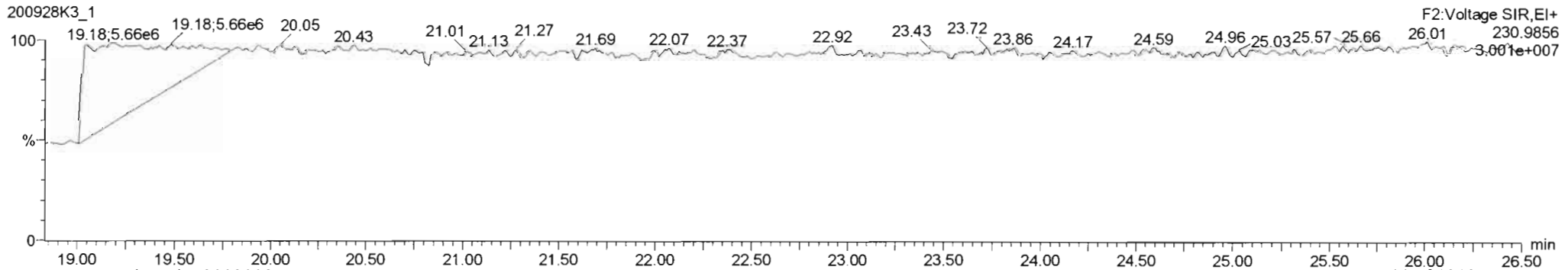
PCB-4/10



13C-PCB-4



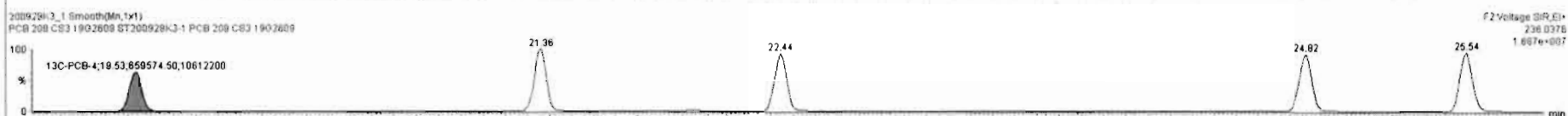
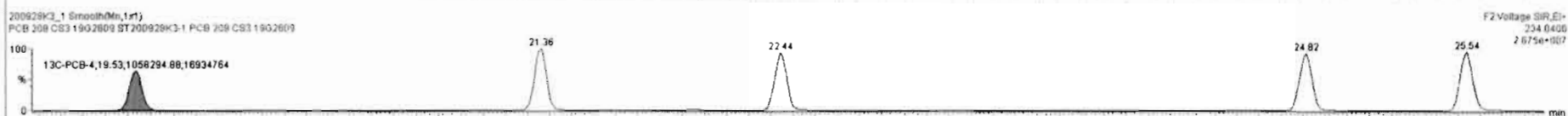
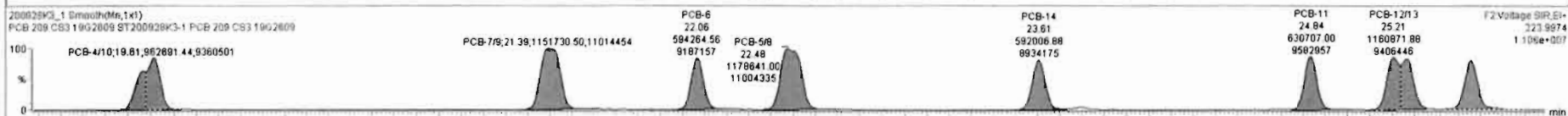
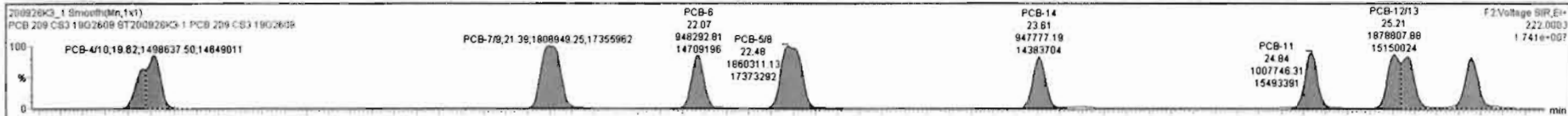
PFK2a



200928K3_1 - ST200928K3-1 PCB 209 CS3 19G2809 - PCB 209 CS3 19G2809

#	Name	Resp	RA	nly	RRF	wAnd	PredRT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	1.74e6	0.80	NO	1.0631	1.000	37.80	37.80	0.988	0.988	NO	101.7	102	0.0722	
223	13C-PCB-178	7.01e6	0.44	NO	1.6598	1.000	45.89	45.89	0.923	0.923	NO	107.9	108	0.0836	
224	Total Mono-PCBs				1.1665	1.000	0.00	0.00	0.000	0.000	NO	189.0		0.0312	169.0
225	Total Di-PCBs				1.8537	1.000	0.00	0.00	0.000	0.000	NO	679.7		0.464	679.7
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	426.4		0.134	426.4
227	3rd Function Tri-PCBs				0.9628	1.000	0.00	0.00	0.000	0.000	NO	855.4		0.384	855.4
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2236		0.860	2236
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	2074		0.494	2074

#	Name	PredRT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
4	PCB-4/10	19.61	19.62	1.498e6	9.627e5	1.580	1.56	NO	114.80	114.80
5	PCB-7/9	21.42	21.39	1.809e6	1.152e6	1.580	1.57	NO	114.05	114.05
6	PCB-6	22.07	22.07	9.483e5	5.943e5	1.580	1.60	NO	55.736	55.736
7	PCB-5/8	22.48	22.48	1.860e6	1.179e6	1.580	1.58	NO	113.24	113.24
8	PCB-14	23.61	23.61	9.478e5	5.920e5	1.580	1.60	NO	57.350	57.350
9	PCB-11	24.84	24.84	1.008e6	6.307e5	1.580	1.60	NO	55.114	55.114
10	PCB-12/13	25.27	25.21	1.879e6	1.161e6	1.580	1.62	NO	112.18	112.18

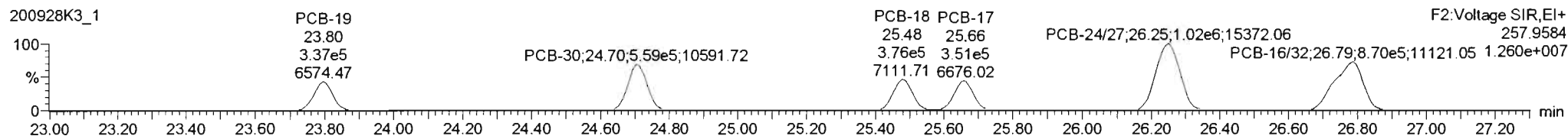
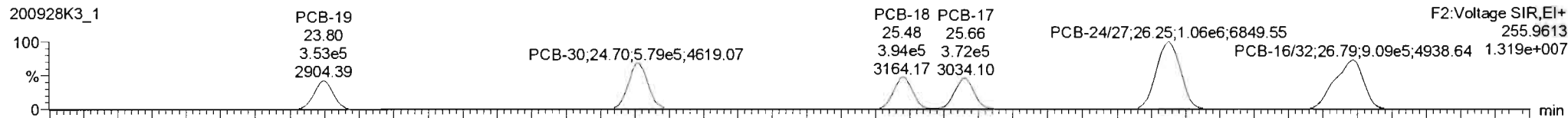


Dataset: Untitled

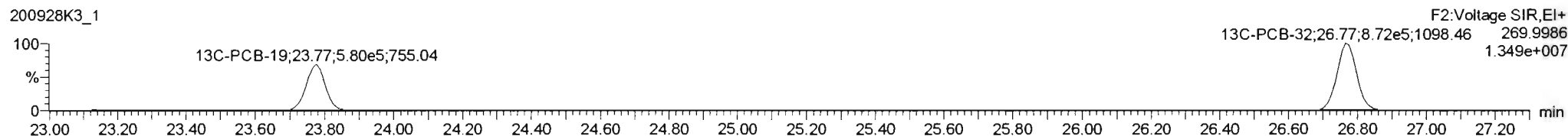
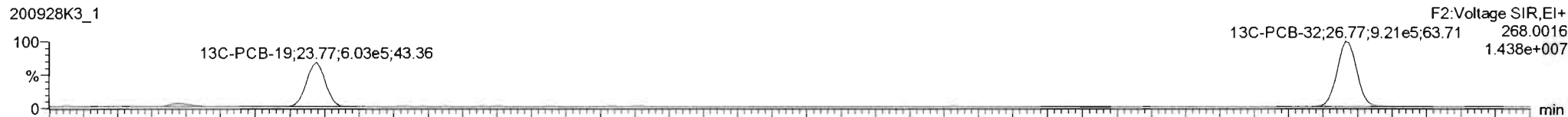
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Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

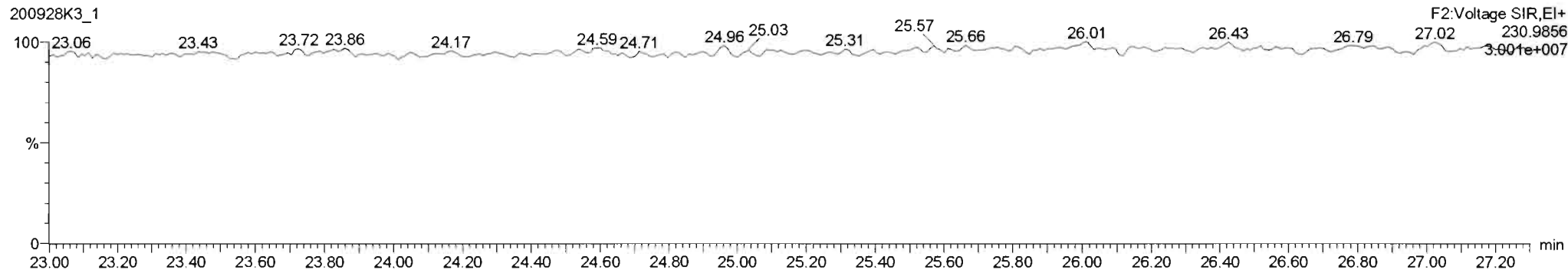
PCB-19



13C-PCB-19



PFK2b

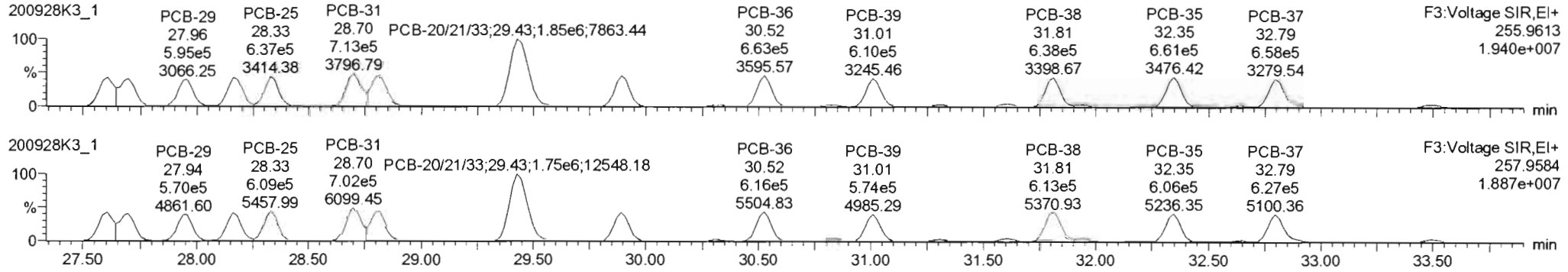


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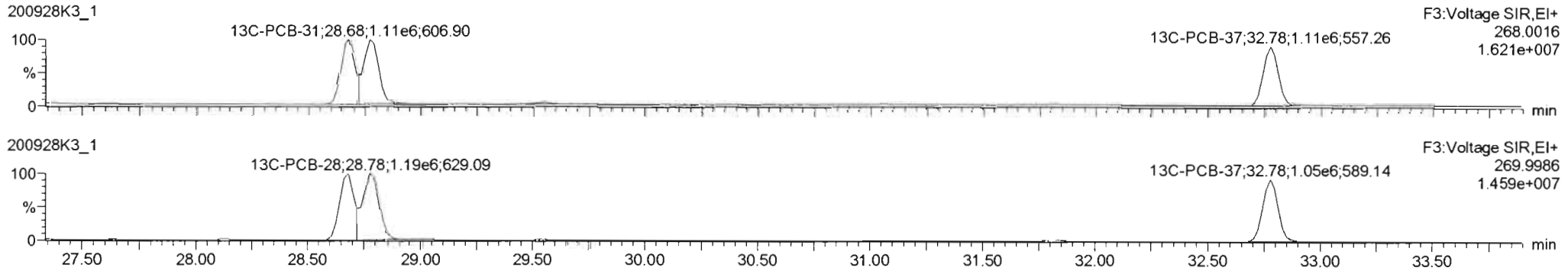
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

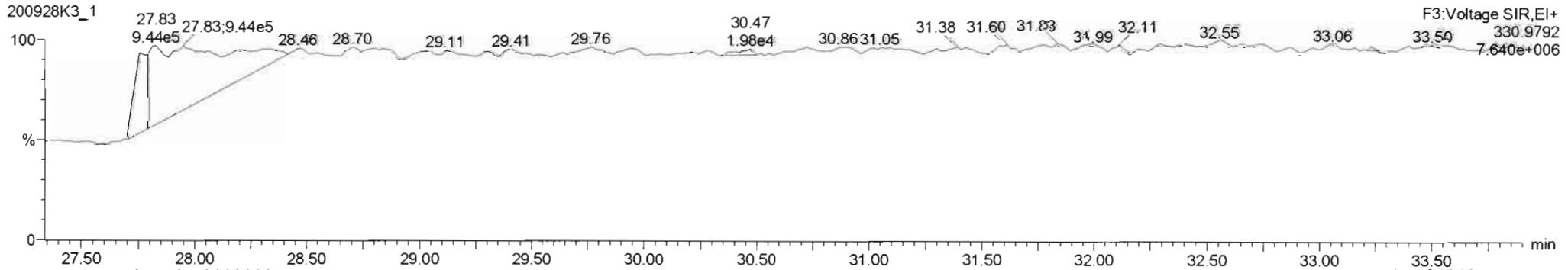
PCB-34



13C-PCB-28

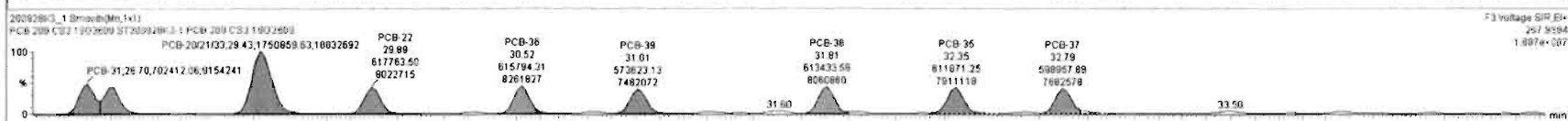
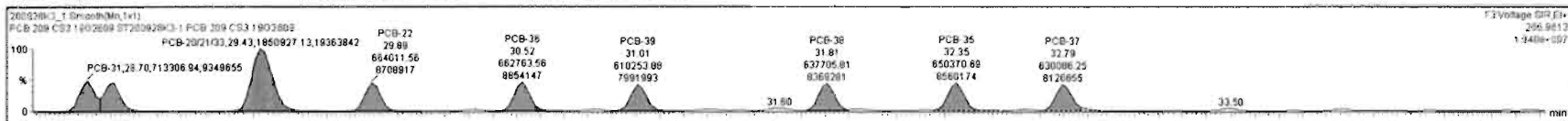


PFK3d



#	Name	Resp	RA	nly	RRF	wArea	Pred RT	RT	Pred #	RRT	RRT Tol	Conc.	u/g	DL	EMPC
222	19C-PCB-79	1.74e5	0.80	NO	1.0021	1.000	37.80	37.80	0.968	0.968	NO	191.7	102	0.0722	
223	19C-PCB-178	7.01e5	0.44	NO	1.0608	1.000	45.89	45.89	0.923	0.923	NO	107.9	108	0.0638	
224	Total Mono-PCBs				1.1865	1.000	0.00	0.00	0.000	0.000	NO	199.0		0.0712	189.0
225	Total CAPs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	879.7		0.488	879.7
226	2nd Function In-PCBs				1.0907	1.000	0.00	0.00	0.000	0.000	NO	476.4		0.134	476.4
227	3rd Function In-PCBs				0.9928	1.000	0.00	0.00	0.000	0.000	NO	855.4		0.304	855.4
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2236		0.890	2236
229	3rd Function Penta-PCBs				1.3152	1.000	0.00	0.00	0.000	0.000	NO	2074		0.494	2074

#	Name	Pred RT	RT	n1 Resp	n2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc.
1	16 PCB-34	27.80	27.80	5.762e5	5.818e5	1.043	1.03	NO	48.706	48.706
2	19 PCB-23	27.70	27.70	6.296e5	8.009e5	1.043	1.05	NO	58.391	58.391
3	20 PCB-29	27.95	27.95	5.965e5	5.703e5	1.043	1.04	NO	52.833	52.833
4	21 PCB-26	28.16	28.16	6.280e5	5.932e5	1.043	1.05	NO	52.264	52.264
5	22 PCB-25	28.33	28.33	6.370e5	6.085e5	1.043	1.05	NO	53.060	53.060
6	23 PCB-31	28.86	28.70	7.133e5	7.024e5	1.043	1.02	NO	55.283	55.283
7	24 PCB-28	28.70	28.81	6.748e5	6.264e5	1.043	1.07	NO	51.452	51.452



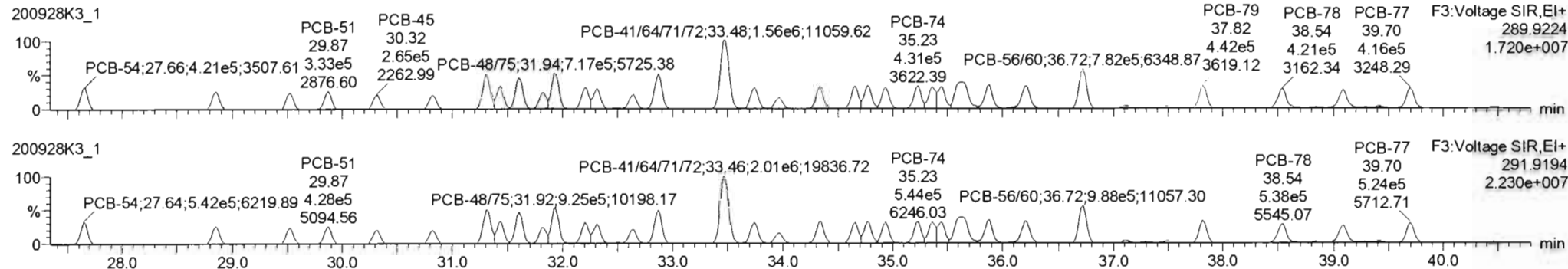
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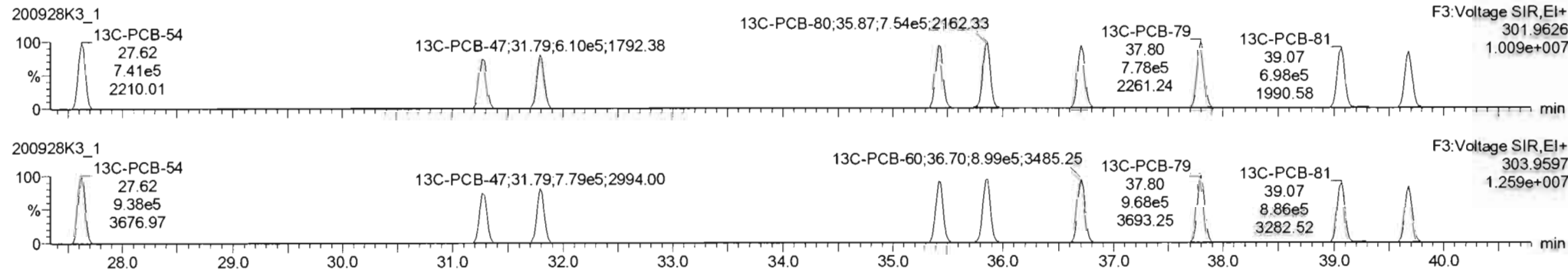
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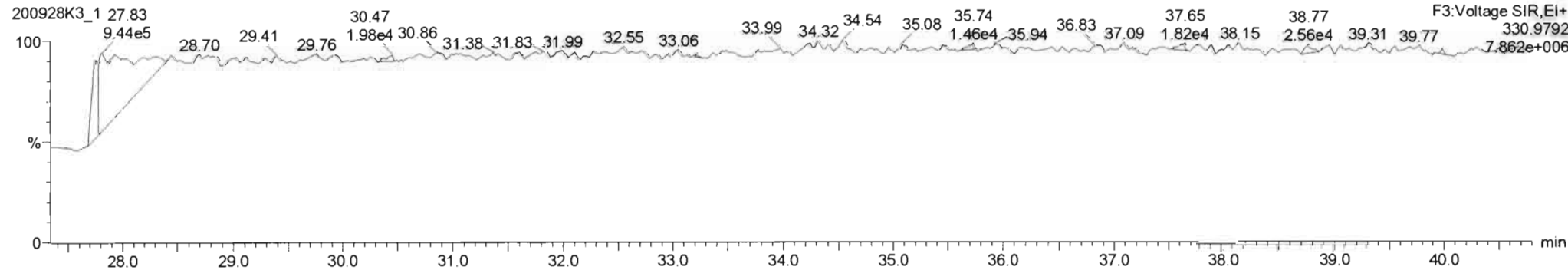
PCB-54



13C-PCB-54



PFK3a

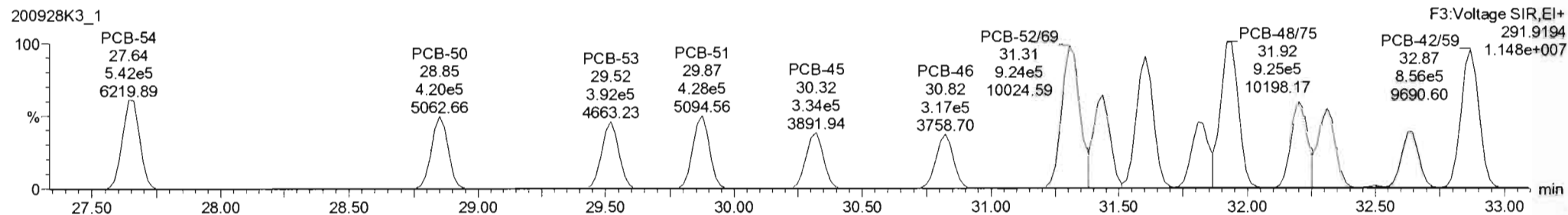
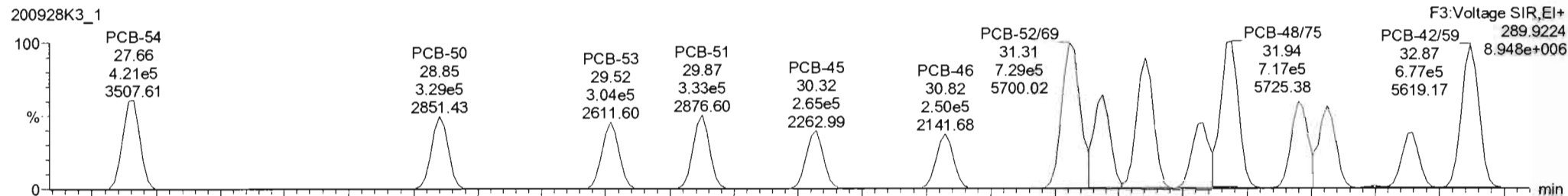


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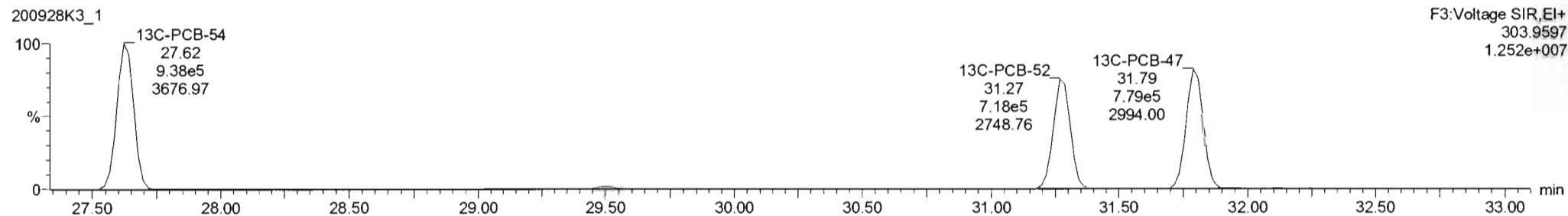
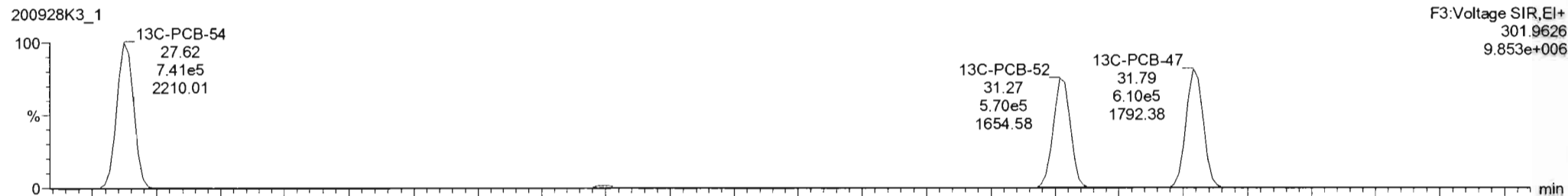
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-50



13C-PCB-52



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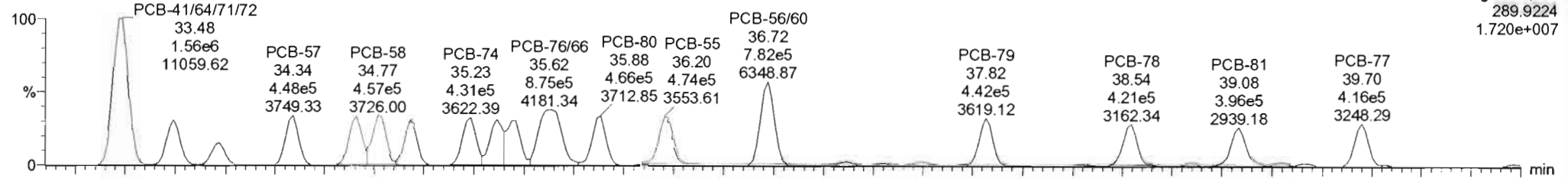
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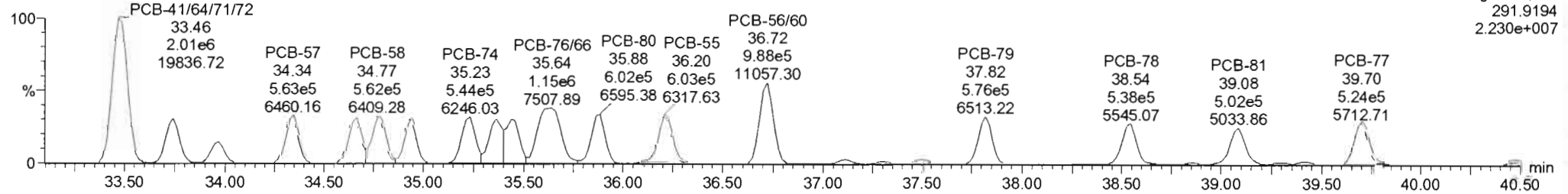
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PCB-68

200928K3_1

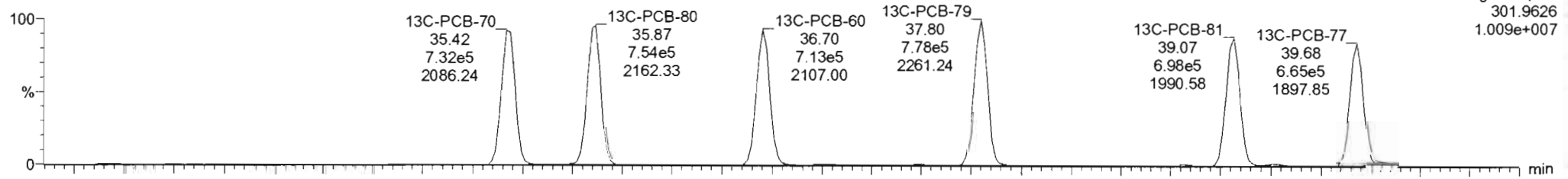


200928K3_1

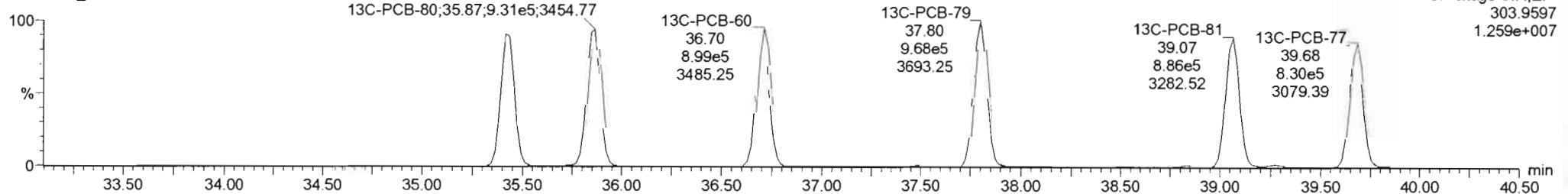


13C-PCB-60

200928K3_1

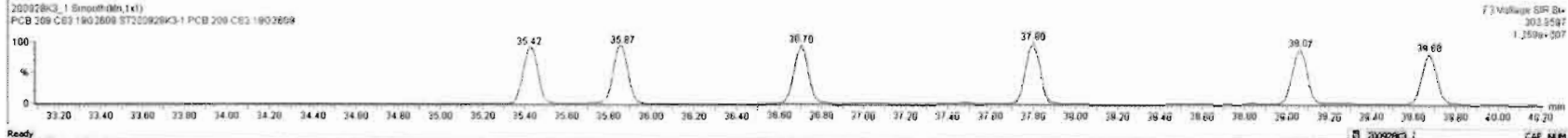
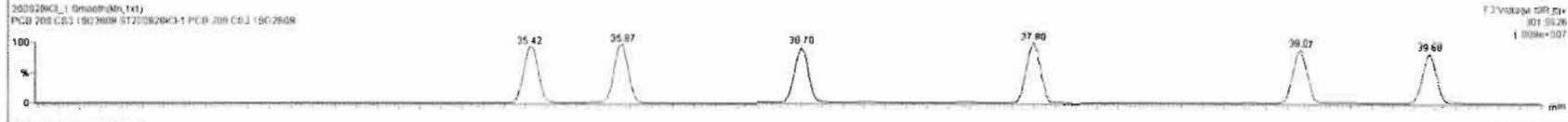
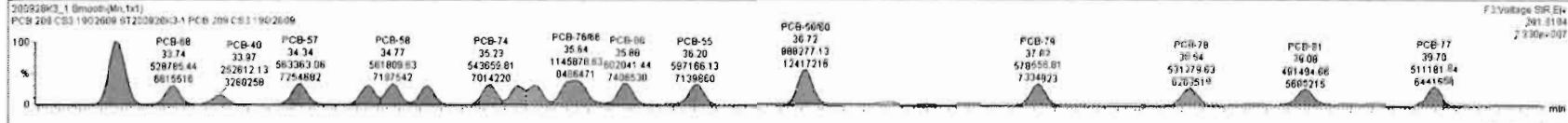
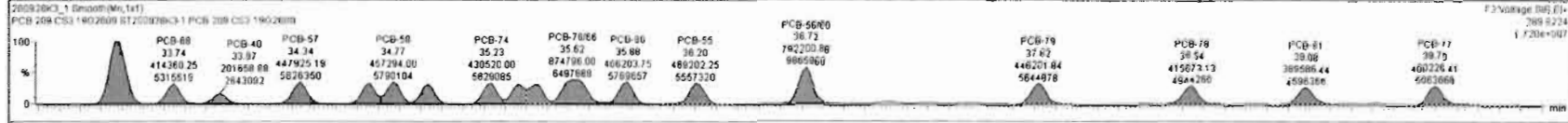


200928K3_1



#	Name	Ret	RA	RV	RR	RRR	RT	PredRT	RT	PredR	RRR	RRR Fat	Conc	uSec	DL	EMPC
222	222 13C-PCB-79	1.74e5	0.80	NO	1.2824	1.000	37.80	37.80	0.968	0.908	NO	101.7	102	0.0722		
223	223 13C-PCB-178	7.01e5	0.44	NO	1.0500	1.000	45.88	45.88	0.923	0.923	NO	107.0	108	0.0938		
224	224 Total Mono-PCBs				1.1865	1.000	0.00	0.000			NO	168.0		0.0312	168.0	
225	225 Total Di-PCBs				1.0037	1.000	0.00	0.000			NO	679.7		0.484	679.7	
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000			NO	426.4		0.134	426.4	
227	227 3rd Function Tri-PCBs				0.9800	1.000	0.00	0.000			NO	855.4		0.384	855.4	
228	228 Total Tetra-PCBs				1.0778	1.000	0.00	0.000			NO	2236		0.860	2236	
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000			NO	2074		0.494	2074	

#	Name	PredRT	RT	m1 Resp	m2 Resp	** Ratio (Pred)	RA	RV	EMPC	Conc.
1	32 PCB-54	27.84	27.86	4.214e5	5.423e5	0.770	0.78	NO	53.167	53.167
2	33 PCB-50	28.84	28.85	3.288e5	4.198e5	0.770	0.78	NO	50.705	50.705
3	34 PCB-53	29.52	29.52	3.045e5	3.825e5	0.770	0.78	NO	54.263	54.263
4	35 PCB-51	29.88	29.87	3.327e5	4.203e5	0.770	0.78	NO	55.441	55.441
5	36 PCB-45	30.32	30.32	2.850e5	3.344e5	0.770	0.78	NO	54.192	54.192
6	37 PCB-46	30.83	30.82	2.500e5	3.190e5	0.770	0.78	NO	52.884	52.884
7	38 PCB-62/69	31.31	31.31	7.293e5	9.243e5	0.770	0.78	NO	110.00	110.00

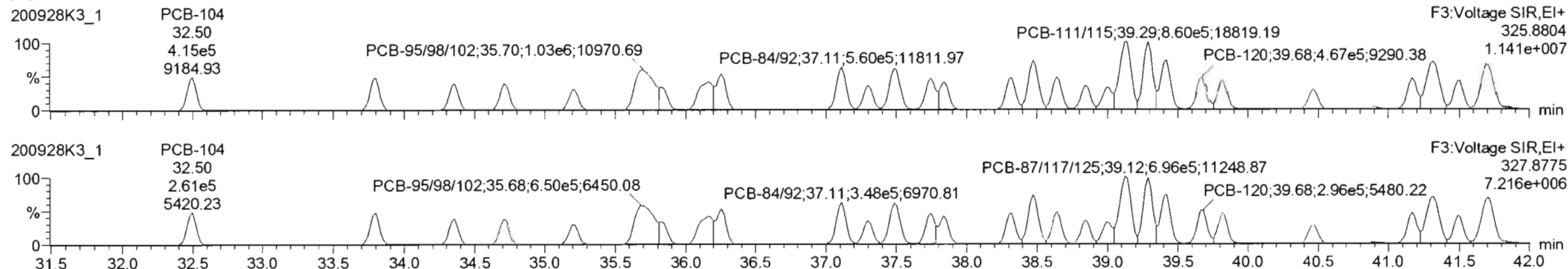


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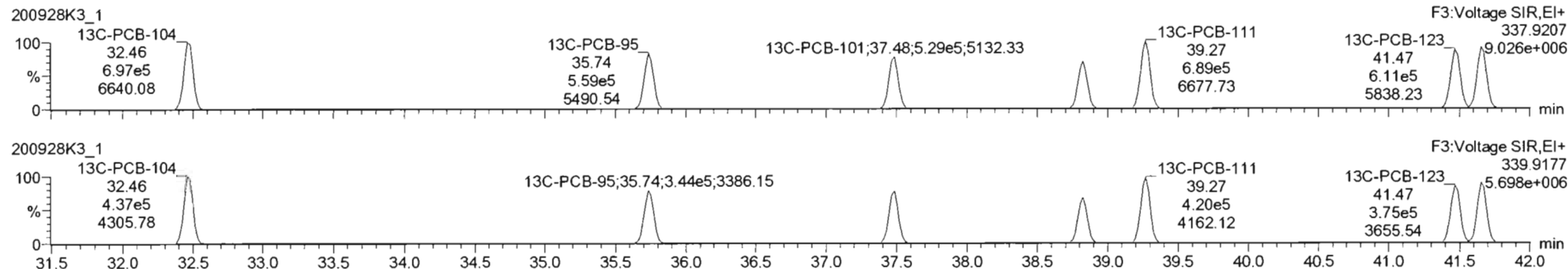
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

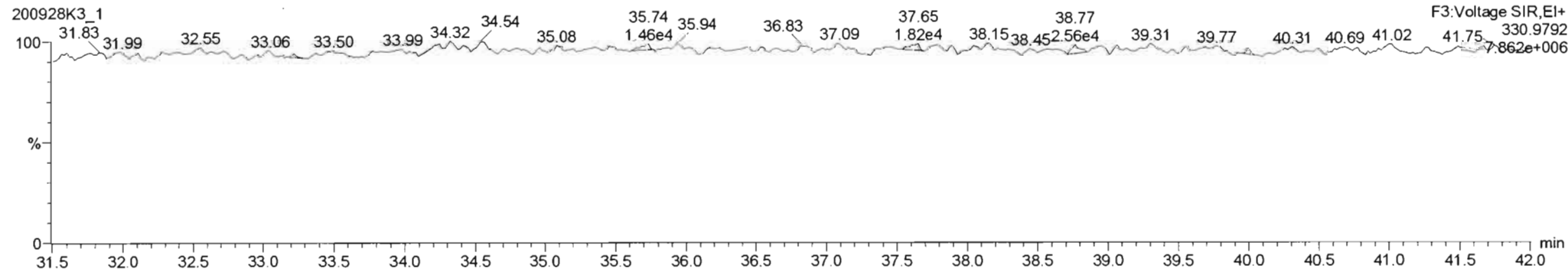
PCB-104



13C-PCB-104



PFK3b



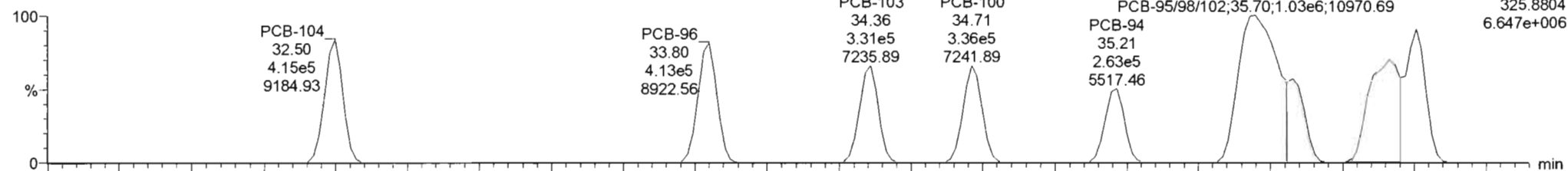
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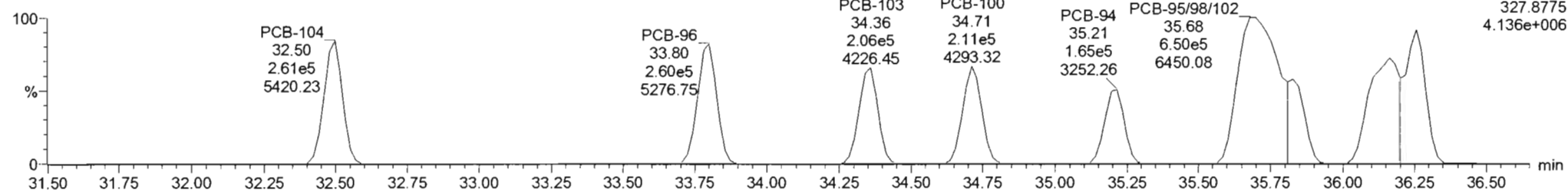
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PCB-96

200928K3_1

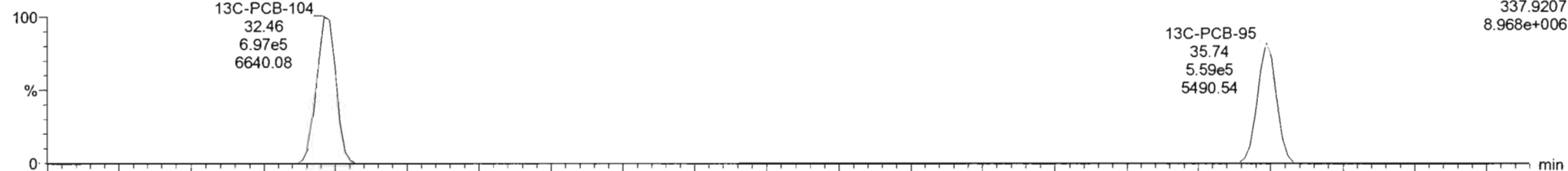


200928K3_1

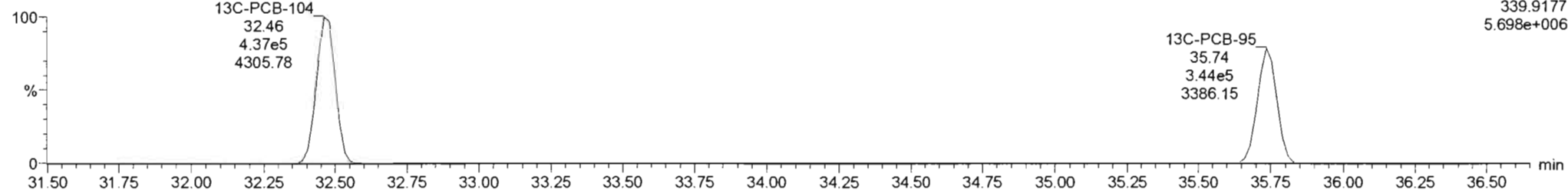


13C-PCB-95

200928K3_1



200928K3_1

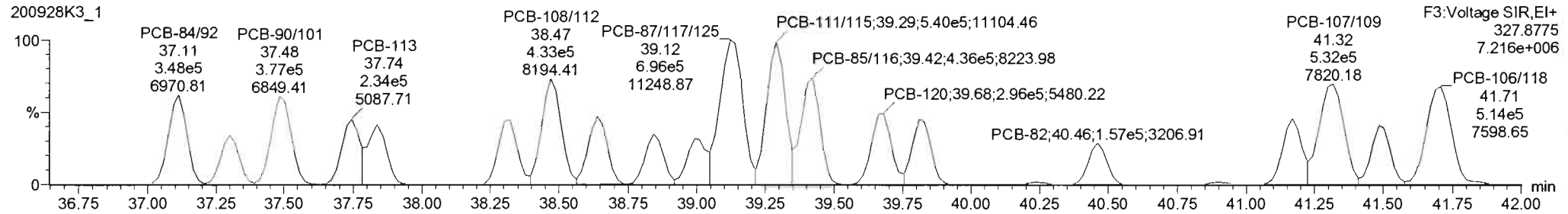
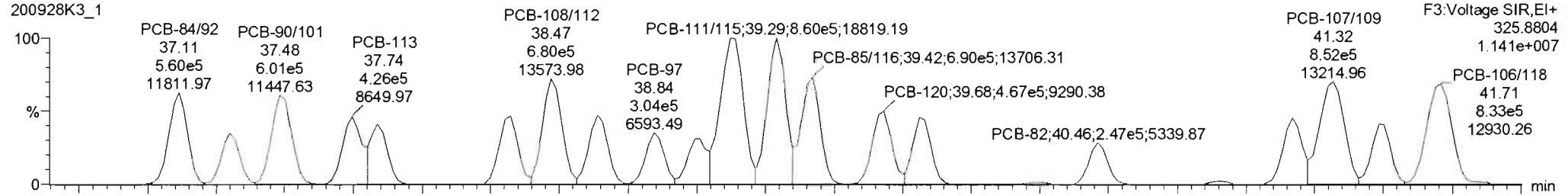


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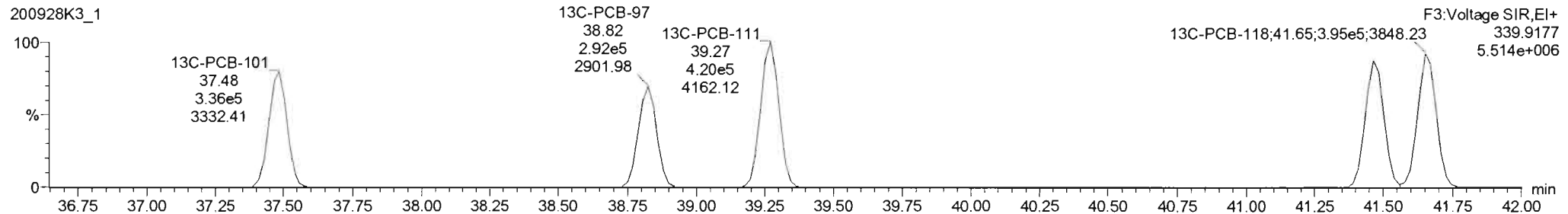
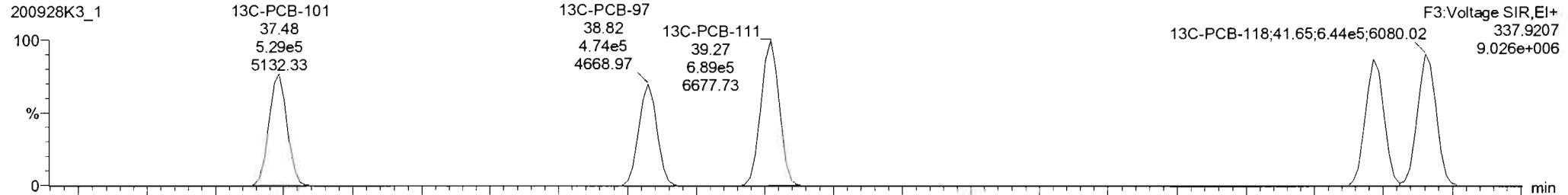
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Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-119



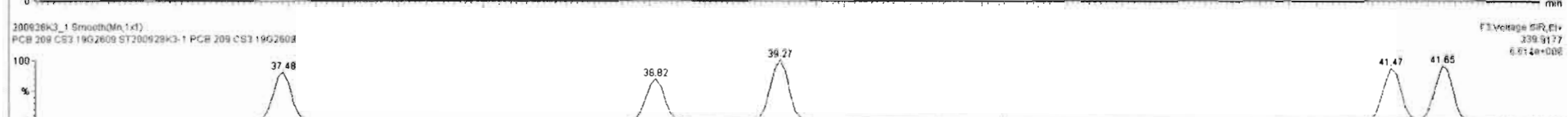
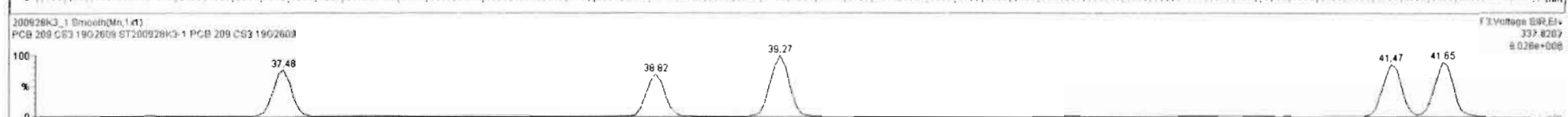
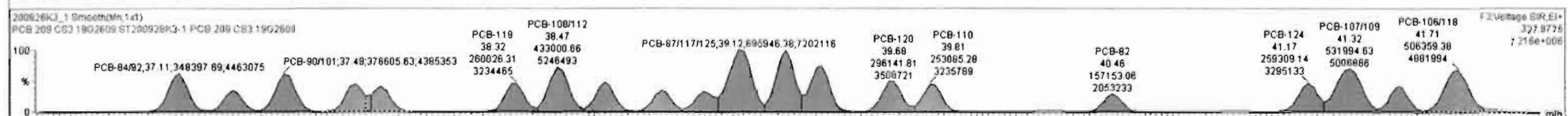
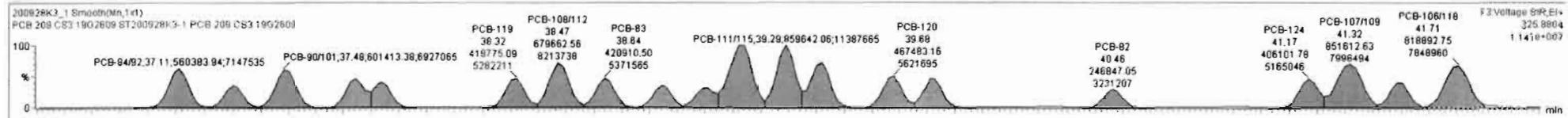
13C-PCB-111



200928K3_1 - ST200928K3-1 PCB 209 CS3 19G2609 - PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
222	13C-PCB-79	1.74e6	0.80	NO	1.0821	1.000	37.80	37.80	0.968	0.968	NO	101.7	102	0.0722	
223	13C-PCB-176	7.01e5	0.44	NO	1.0506	1.000	45.89	45.89	0.923	0.923	NO	107.9	108	0.0938	
224	Total Mono-PCBs				1.1685	1.000	0.00		0.000		NO	169.0		0.0312	169.0
225	Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	679.7		0.484	679.7
226	2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	426.4		0.134	426.4
227	3rd Function Tri-PCBs				0.9826	1.000	0.00		0.000		NO	855.4		0.384	855.4
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2236		0.860	2236
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2074		0.494	2074

#	Name	Pred RT	RT	m1 Resp	m2 Resp	I* Ratio (Pred)	RA	n/y	EMPC	Conc.
64	PCB-104	32.48	32.50	4.151e5	2.609e5	1.560	1.59	NO	53.166	53.166
65	PCB-96	33.80	33.90	4.134e5	2.597e5	1.560	1.59	NO	51.498	51.498
66	PCB-103	34.36	34.36	3.309e5	2.056e5	1.560	1.61	NO	50.552	50.552
67	PCB-100	34.72	34.71	3.363e5	2.114e5	1.560	1.59	NO	50.690	50.690
68	PCB-94	35.21	35.21	2.633e5	1.653e5	1.560	1.59	NO	50.034	50.034
69	PCB-65/98/102	35.69	35.70	1.028e6	6.504e5	1.560	1.58	NO	154.35	154.35
70	PCB-83	35.82	35.83	2.419e5	1.500e5	1.560	1.61	NO	46.431	46.431

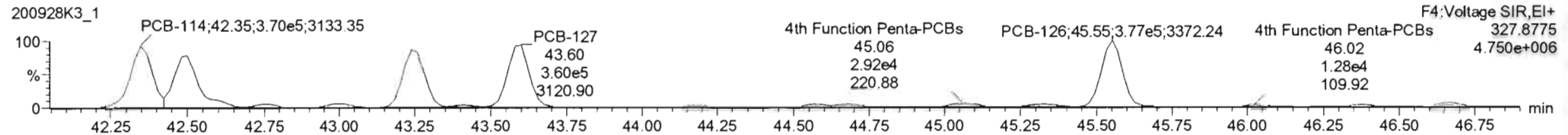
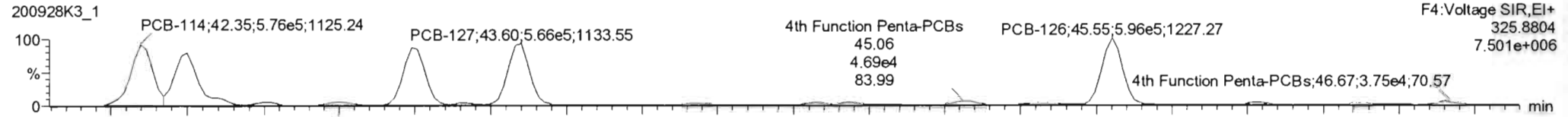


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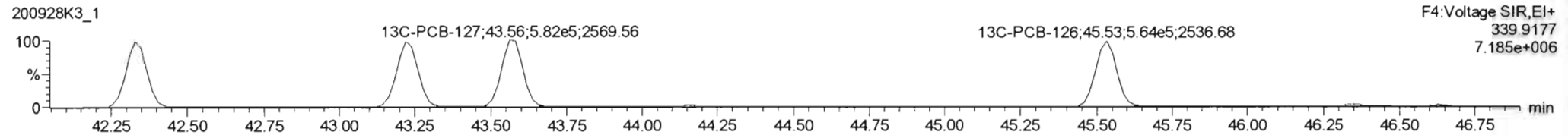
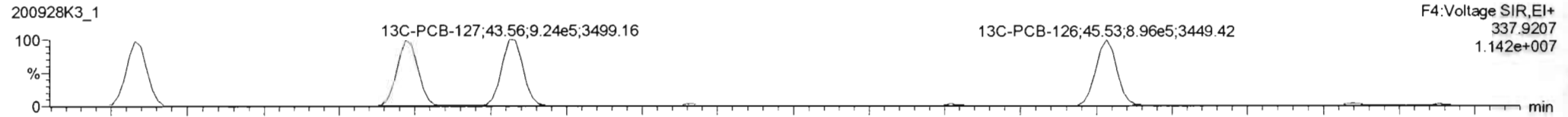
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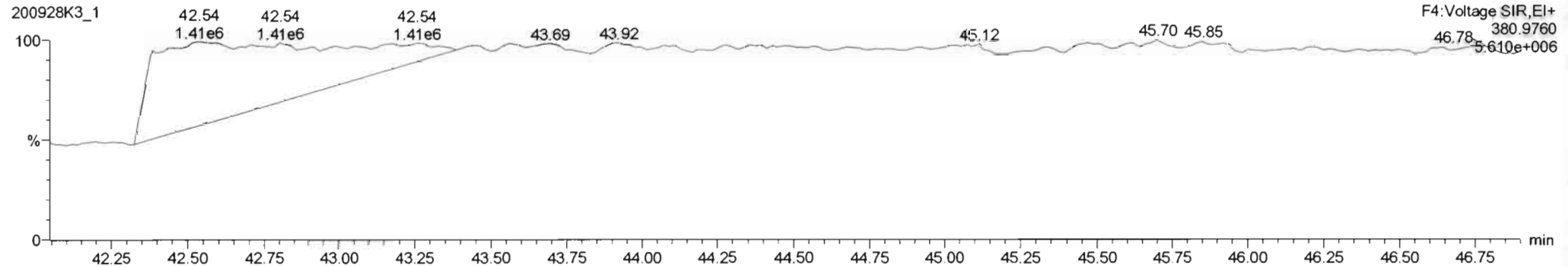
PCB-114



13C-PCB-114

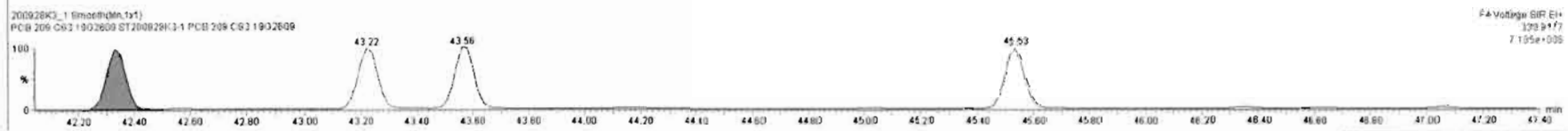


PFK4a



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	222 13C-PCB-79	1.74e6	0.80	NO	1.0021	1.000	37.80	37.80	0.968	0.968	NO	101.7	102	0.0722	
223	223 13C-PCB-178	7.01e5	0.44	NO	1.0508	1.000	45.89	45.89	0.923	0.923	NO	107.9	108	0.0938	
224	224 Total Mono-PCBs				1.1665	1.000	0.00		0.000	0.000	NO	168.0		0.0312	168.0
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000	0.000	NO	678.7		0.484	678.7
226	226 2nd Function Tri-PCBs				1.0007	1.000	0.00		0.000	0.000	NO	426.4		0.134	426.4
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000	0.000	NO	855.4		0.384	855.4
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000	0.000	NO	2236		0.800	2236
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000	0.000	NO	2074		0.484	2074

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.35	42.35	3.643e5	3.606e5	1.560	1.57	NO	55.947	55.947
2	94 PCB-122	42.50	42.50	4.758e5	3.015e5	1.560	1.58	NO	58.838	58.838
3	95 PCB-105	43.24	43.24	5.402e5	3.408e5	1.550	1.59	NO	58.867	58.867
4	96 PCB-127	43.58	43.60	5.856e5	3.604e5	1.560	1.57	NO	58.077	58.077
5	97 PCB-126	45.55	45.55	5.957e5	3.770e5	1.560	1.58	NO	58.858	58.858



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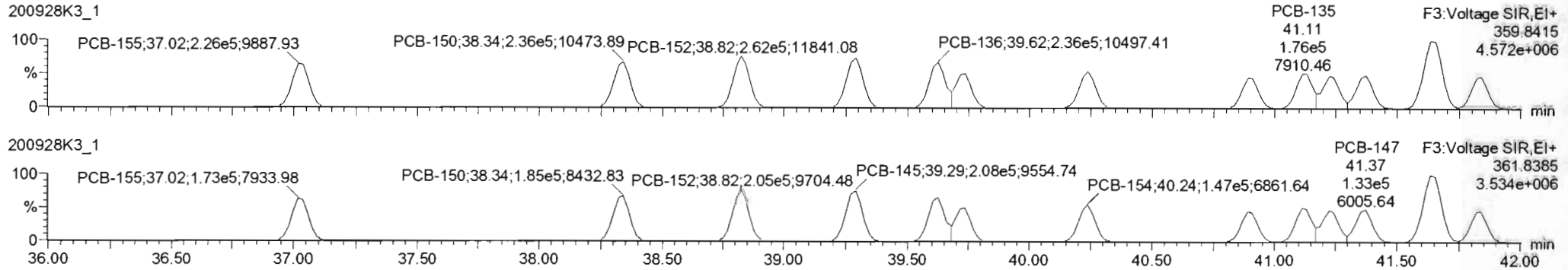
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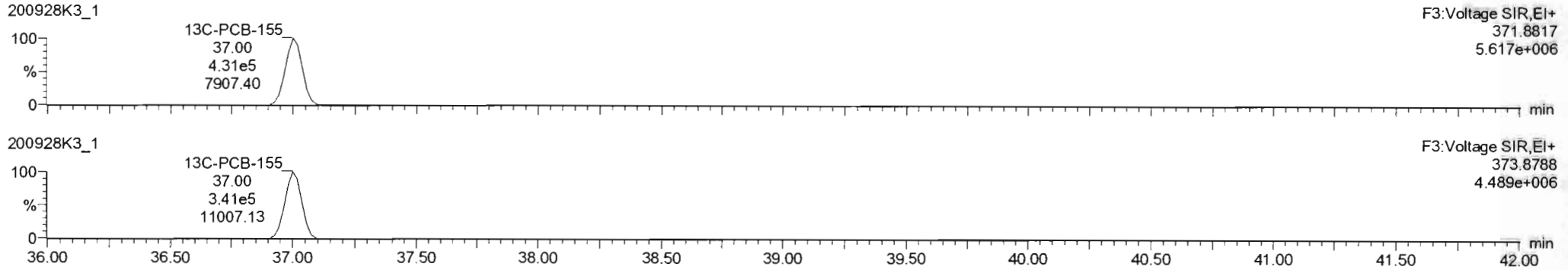
PCB-155

200928K3_1



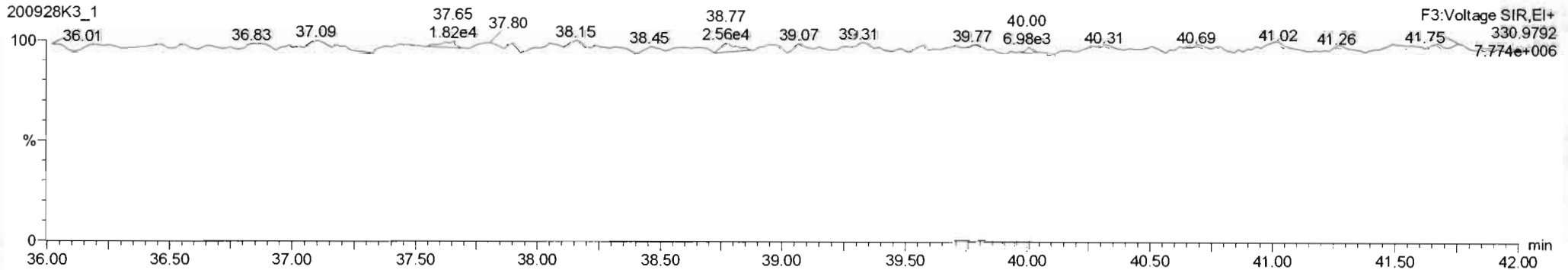
13C-PCB-155

200928K3_1



PFK3c

200928K3_1

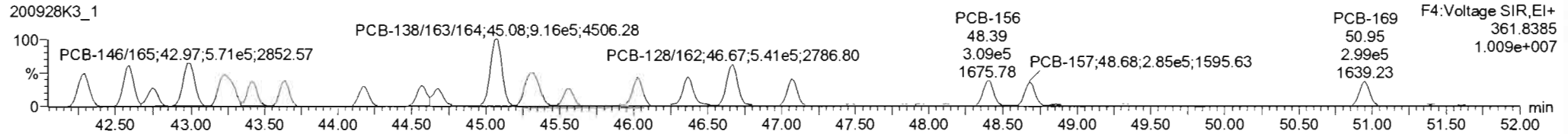
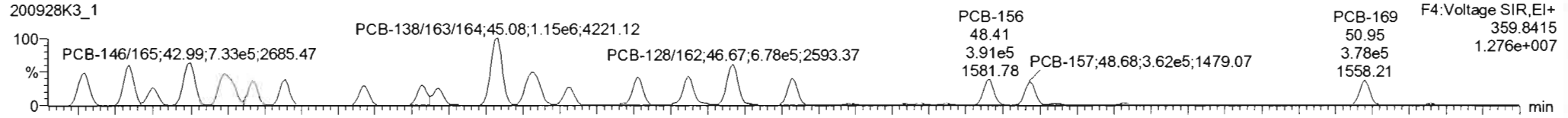


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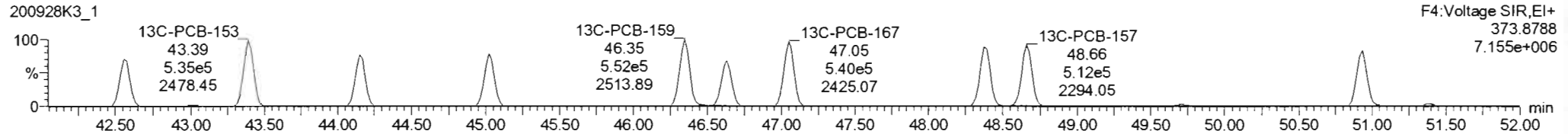
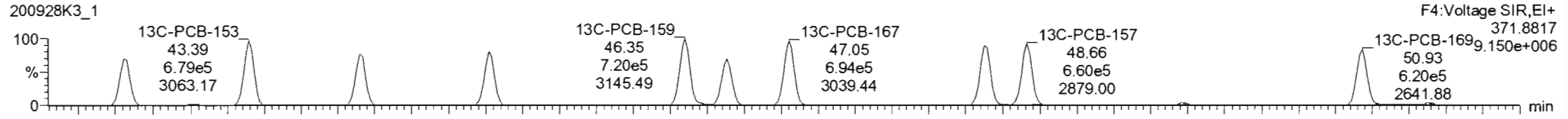
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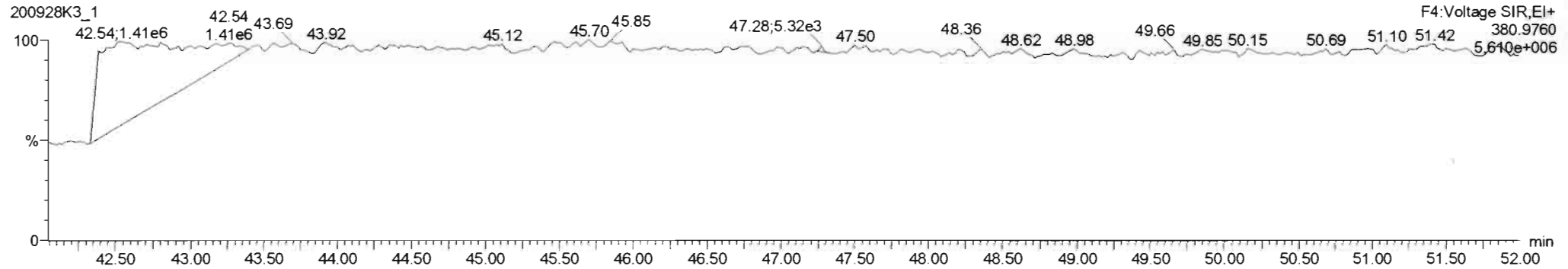
PCB-134/143



13C-PCB-153

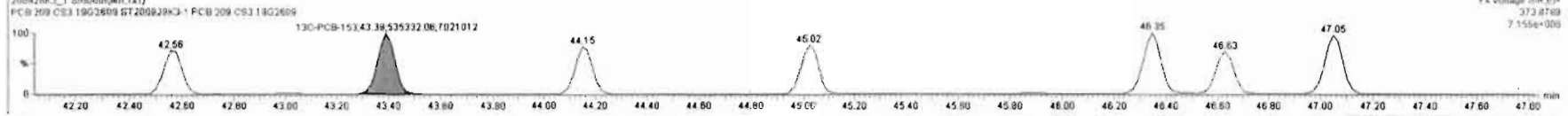
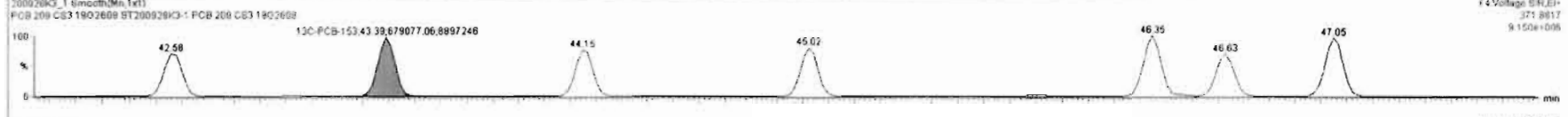
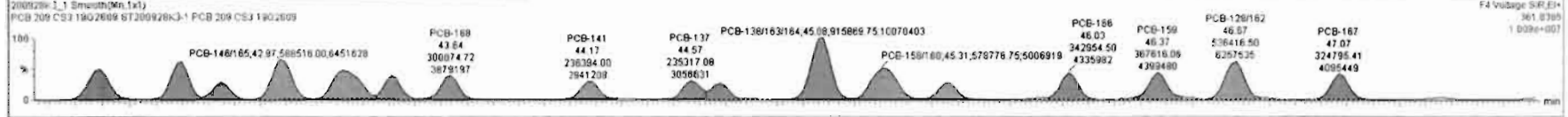
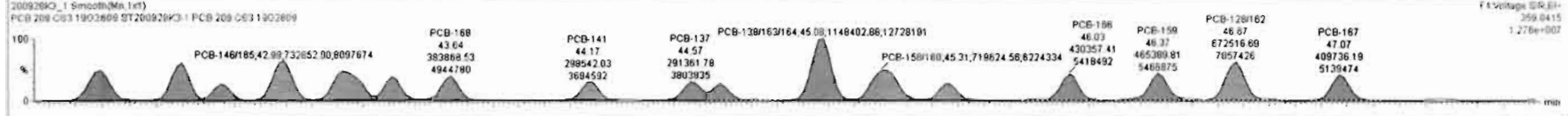


PFK4b



#	Name	Resp	RA	ndy	RRF	wt/rd	Pred RT	RT	Pred R	RRT	RRF Fw	Conc	%Rec	DL	EMPC
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000	0.000	NO	881.0	0.159	681.0		
232	4th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	0.000	NO	1492	1.43	1492		
233	3rd Function Hepta-PCBs				1.3551	1.000	0.00	0.000	0.000	NO	1229	1.88	1229		
234	4th Function Octa-PCBs				1.0088	1.000	0.00	0.000	0.000	NO	441.7	0.319	441.7		
235	5th Function Octa-PCBs				1.1488	1.000	0.00	0.000	0.000	NO	159.1	0.258	159.1		
236	Total Hexa-PCBs				0.9523	1.000	0.00	0.000	0.000	NO	155.1	0.224	155.1		
237	Total Hepta-PCBs				0.3884	1.000	0.00	0.000	0.000	NO	50.47	0.00756	50.47		

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	ndy	EMPC	Conc.
1	111 PCB-134/43	42.28	42.20	5.554e5	4.401e5	1.240	1.28	NO	108.02	108.02
2	117 PCB-131/33	42.50	42.60	6.047e5	4.834e5	1.240	1.25	NO	109.17	109.17
3	113 PCB-142	42.74	42.75	7.688e5	2.114e5	1.240	1.28	NO	52.191	52.191
4	114 PCB-146/65	42.97	42.99	7.329e5	5.805e5	1.240	1.25	NO	107.03	107.03
5	115 PCB-132/61	43.22	43.22	7.342e5	5.888e5	1.240	1.25	NO	106.36	106.36
6	116 PCB-153	43.41	43.41	3.889e5	2.938e5	1.240	1.24	NO	51.423	51.423
7	117 PCB-166	43.64	43.64	3.839e5	3.001e5	1.240	1.28	NO	52.200	52.200



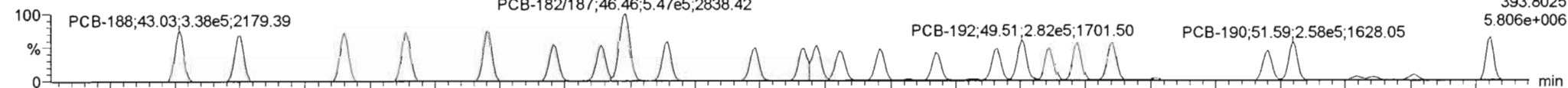
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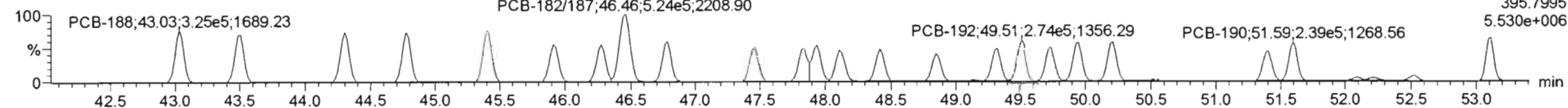
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PCB-188

200928K3_1



200928K3_1

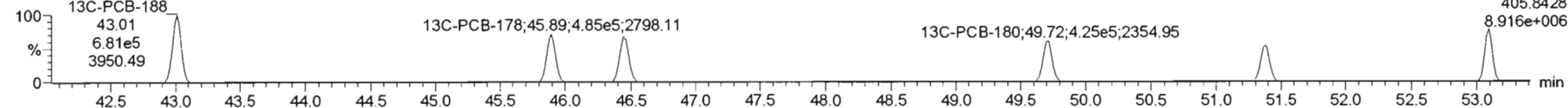


13C-PCB-188

200928K3_1

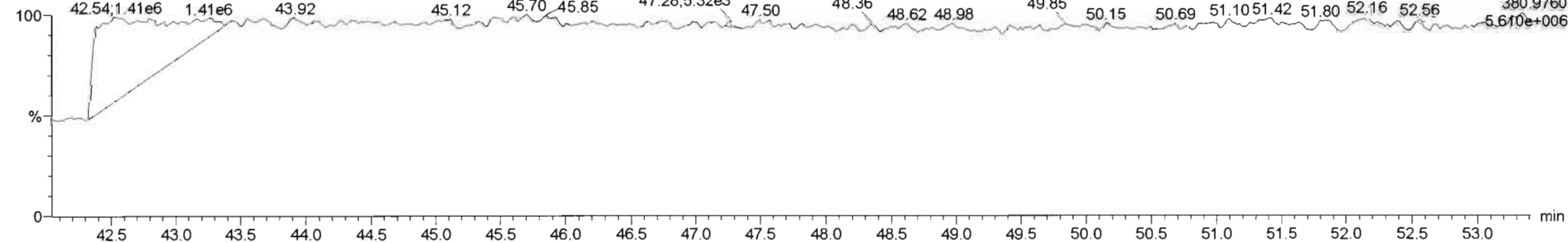


200928K3_1



PFK4c

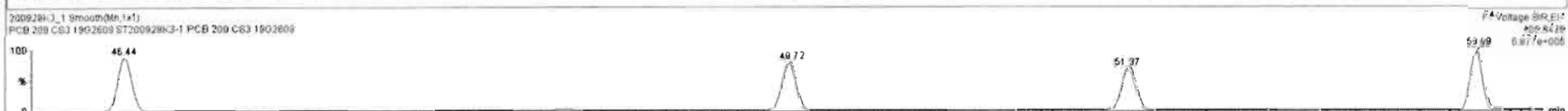
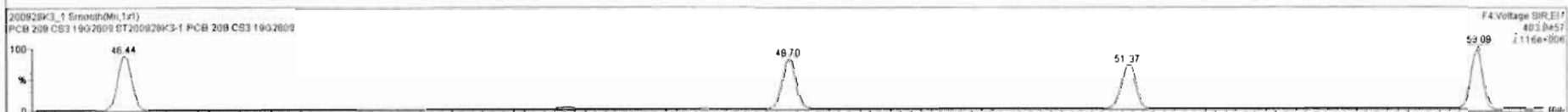
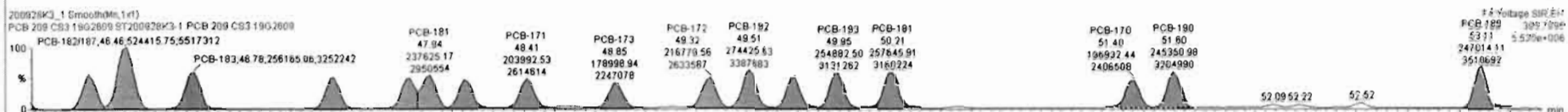
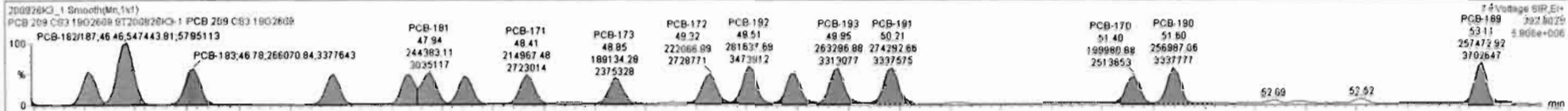
200928K3_1



200928K3_1 - ST200928K3-1 PCB 209 CS3 1902609 - PCB 209 CS3 1902609

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	661.0	0.159	661.0	
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1492	1.43	1492	
233	233 Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1229	1.68	1229	
234	234 4th Function Octa-PCBs				1.0006	1.000	0.00		0.000		NO	441.7	0.319	441.7	
235	235 5th Function Octa-PCBs				1.1499	1.000	0.00		0.000		NO	169.1	0.256	169.1	
236	236 Total Nona-PCBs				0.9523	1.000	0.00		0.000		NO	155.1	0.224	155.1	
237	237 Deca-CB				0.8664	1.000	0.00		0.000		NO	50.47	0.00756	50.47	
238	238 Total PCBs														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-189	43.05	43.03	3.380e5	3.247e5	1.050	1.04	NO	52.115	52.115
2	132 PCB-184	43.48	43.51	3.222e5	3.123e5	1.050	1.03	NO	52.255	52.255
3	133 PCB-179	44.31	44.30	3.302e5	3.175e5	1.050	1.04	NO	50.612	50.612
4	134 PCB-176	44.77	44.76	3.342e5	3.147e5	1.050	1.06	NO	50.293	50.293
5	135 PCB-186	45.40	45.40	3.449e5	3.350e5	1.050	1.03	NO	51.894	51.894
6	136 PCB-176	45.91	45.91	2.505e5	2.414e5	1.050	1.04	NO	52.903	52.903
7	137 PCB-175	46.27	46.27	2.429e5	2.360e5	1.050	1.03	NO	50.795	50.795



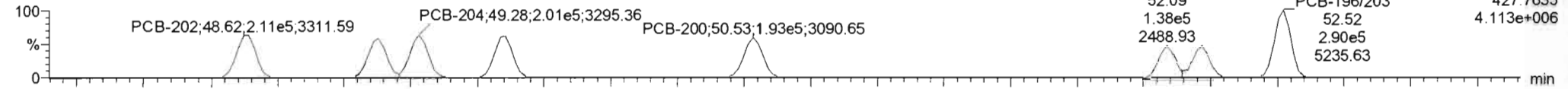
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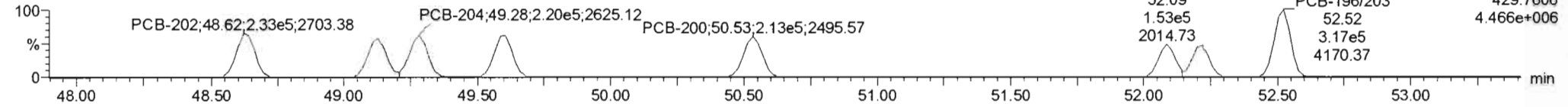
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PCB-202

200928K3_1

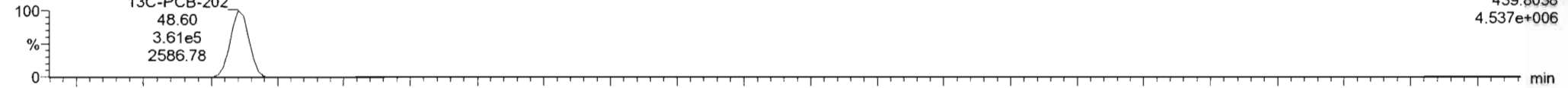


200928K3_1

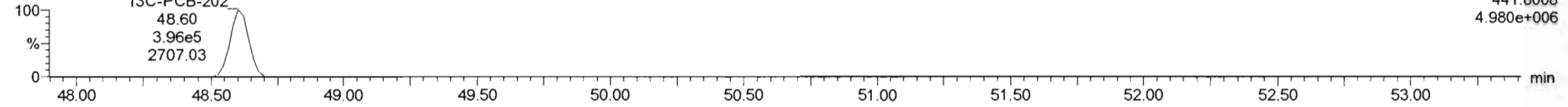


13C-PCB-202

200928K3_1

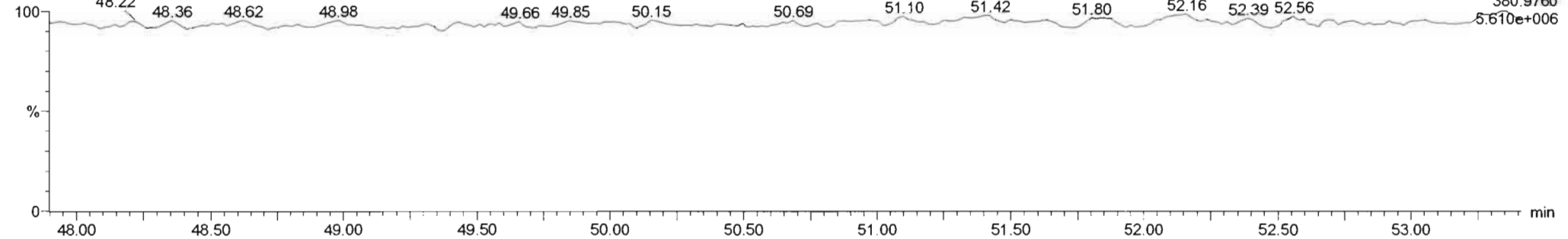


200928K3_1



PFK4d

200928K3_1

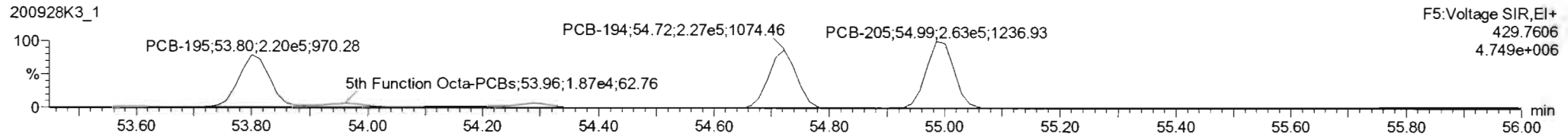
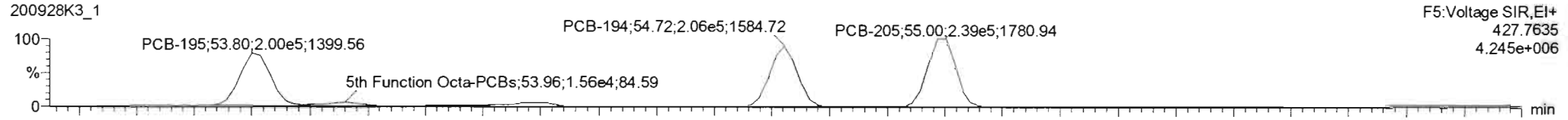


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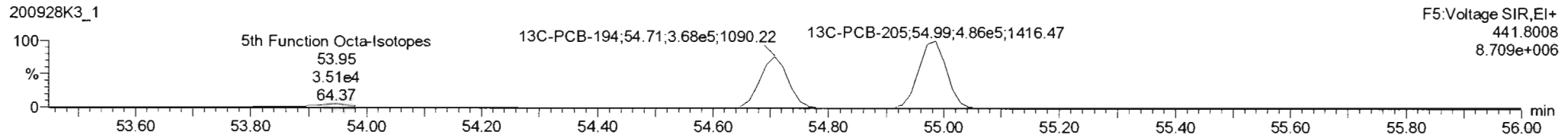
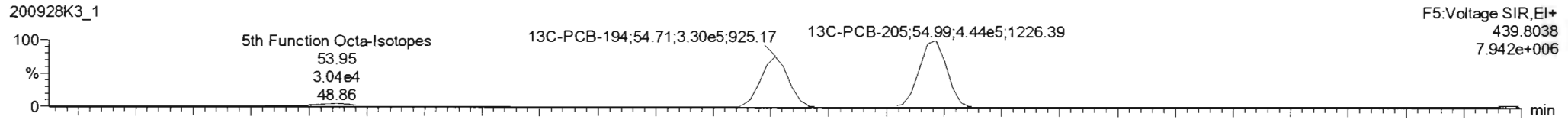
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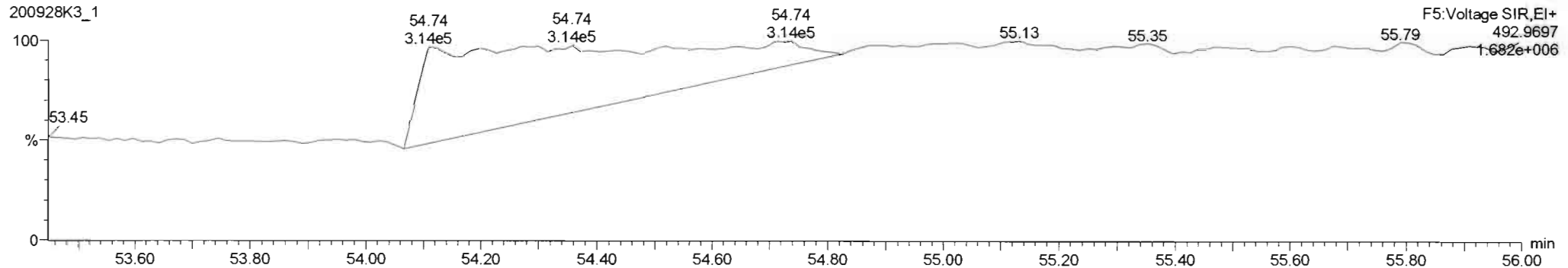
PCB-195



13C-PCB-194



PFK5a

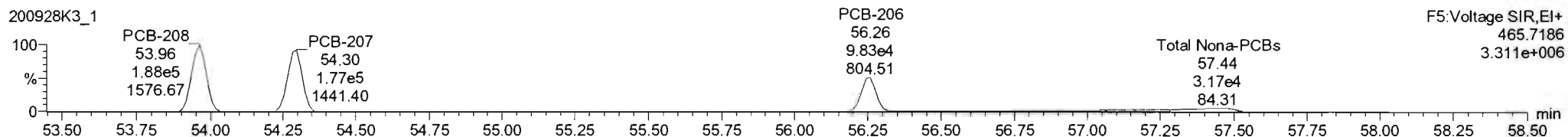
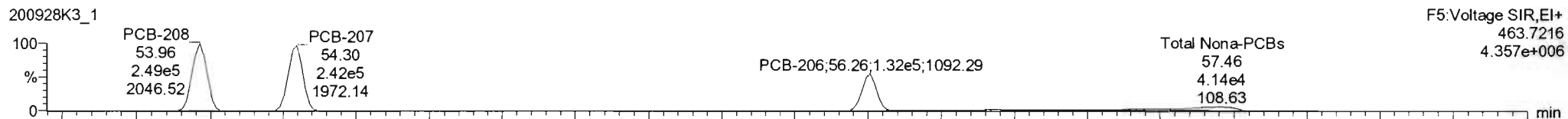


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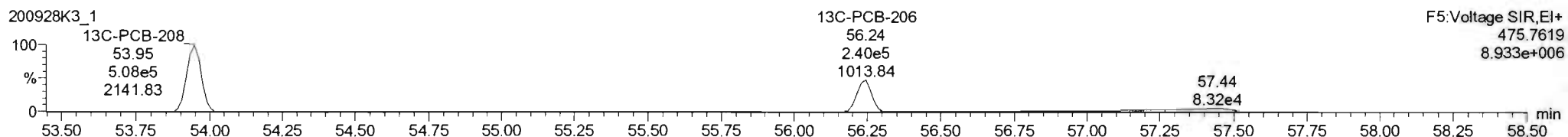
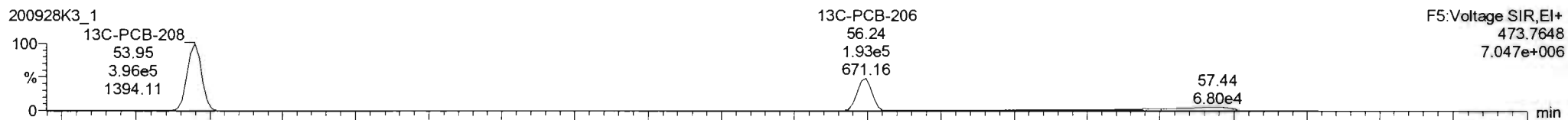
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Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

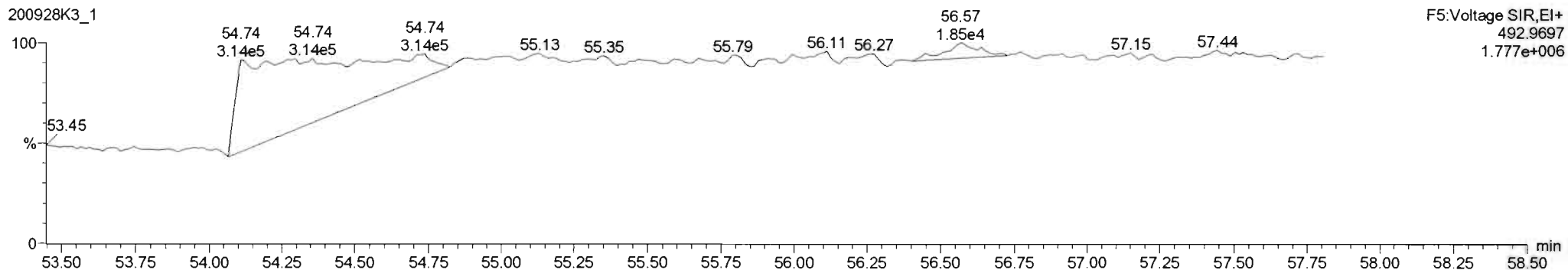
PCB-208



13C-PCB-208



PFK5



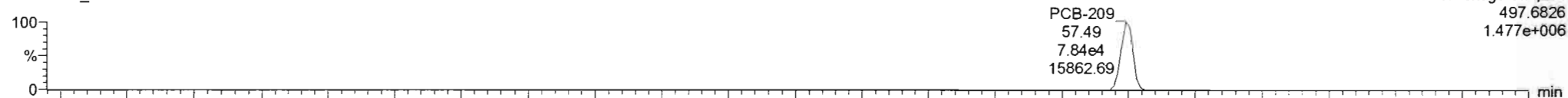
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Last Altered: Tuesday, September 29, 2020 07:24:39 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 07:25:17 Pacific Daylight Time

Name: 200928K3_1, Date: 28-Sep-2020, Time: 16:44:14, ID: ST200928K3-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

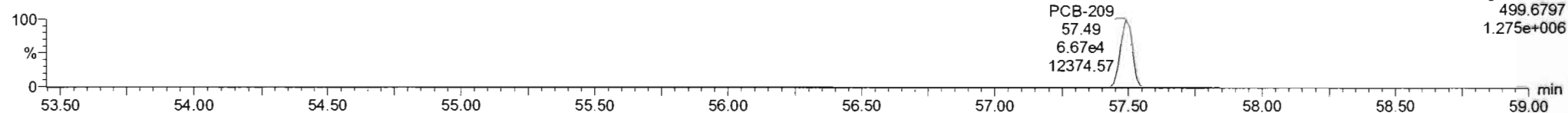
PCB-209

200928K3_1



F5:Voltage SIR,EI+
497.6826
1.477e+006

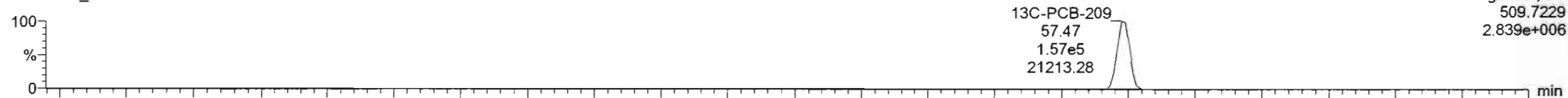
200928K3_1



F5:Voltage SIR,EI+
499.6797
1.275e+006

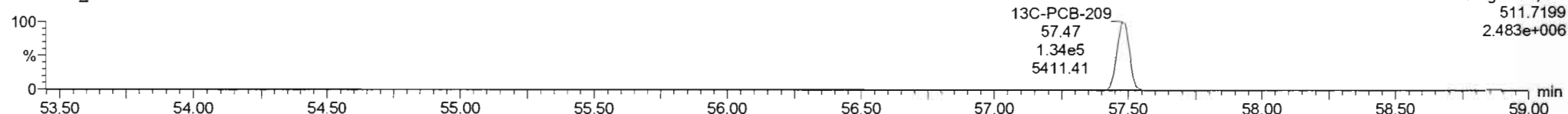
13C-PCB-209

200928K3_1



F5:Voltage SIR,EI+
509.7229
2.839e+006

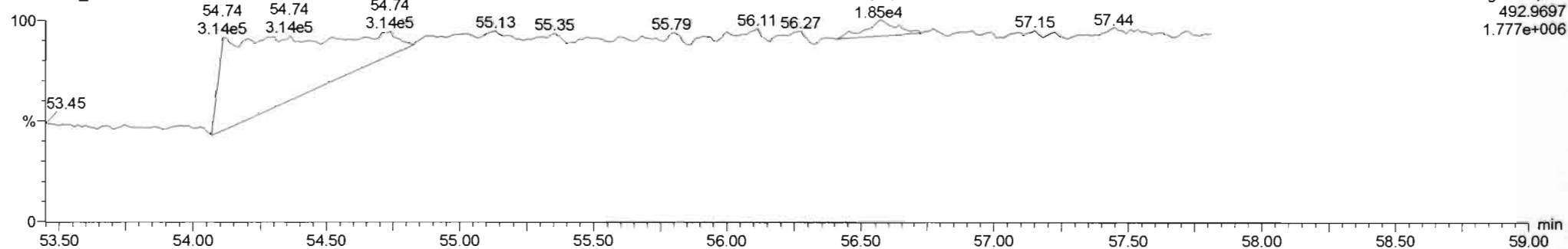
200928K3_1



F5:Voltage SIR,EI+
511.7199
2.483e+006

PFK5b

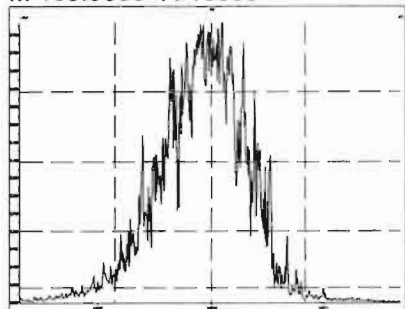
200928K3_1



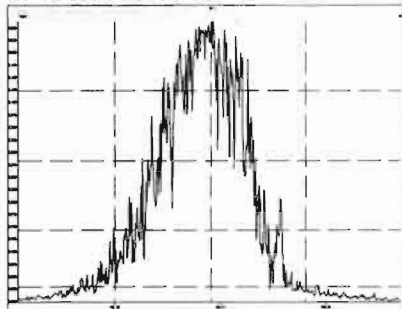
F5:Voltage SIR,EI+
492.9697
1.777e+006

Printed: Tuesday, September 29, 2020 04:57:01 Pacific Daylight Time

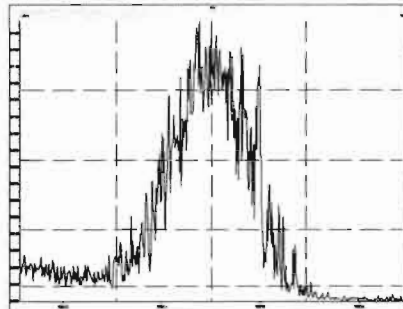
M 168.9888 R 10359



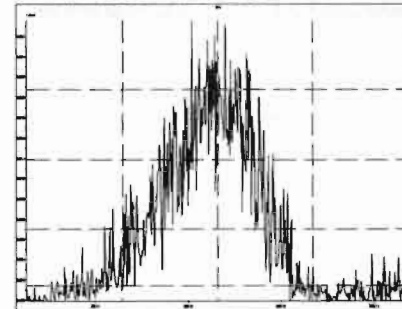
M 180.9888 R 10989



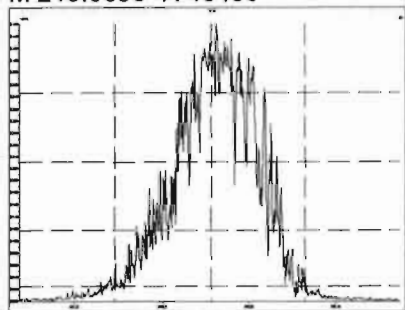
M 192.9888 R 11444



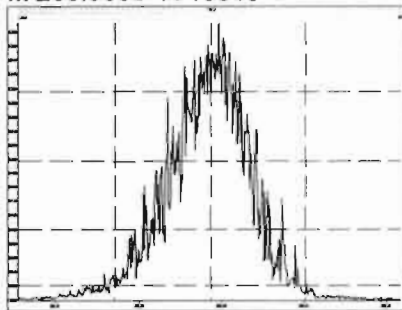
M 204.9888 R 11983



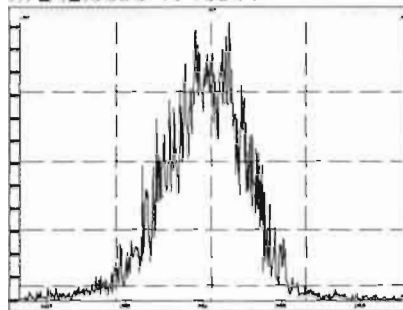
M 218.9856 R 10439



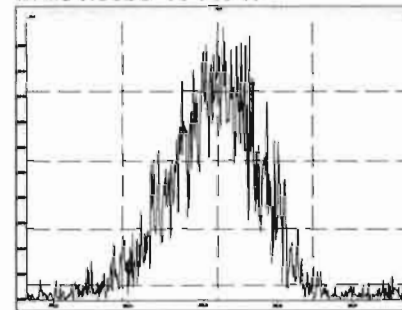
M 230.9856 R 10840



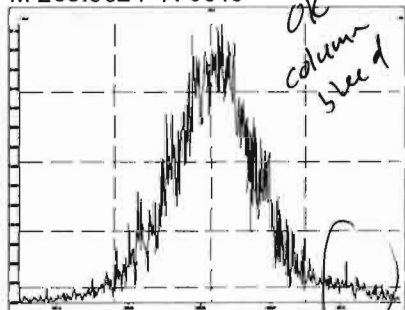
M 242.9856 R 10941



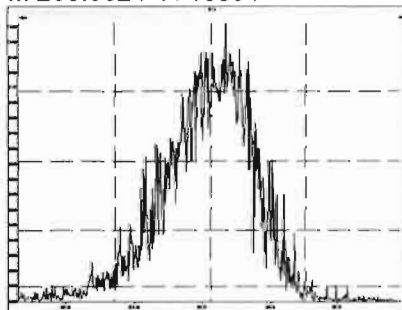
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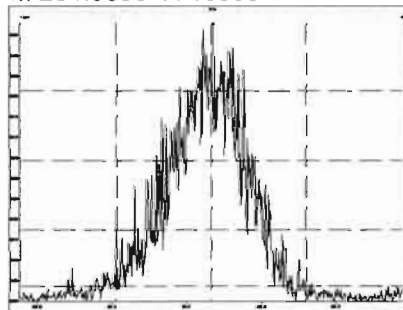
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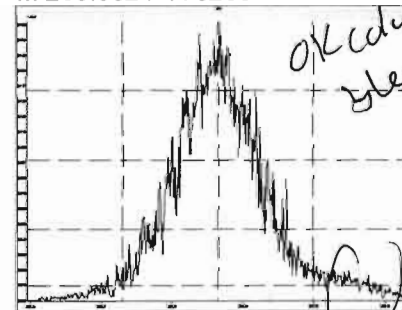
M 280.9824 R 10394



M 254.9856 R 10909

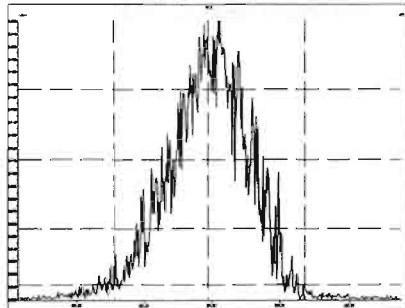


M 268.9824 R 8266

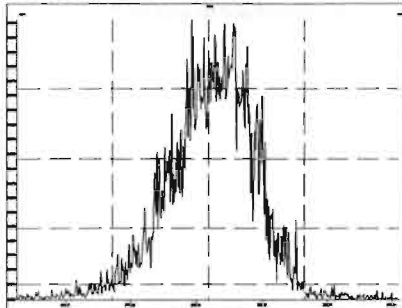


Printed: Tuesday, September 29, 2020 04:57:01 Pacific Daylight Time

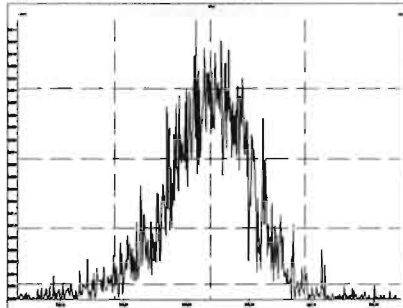
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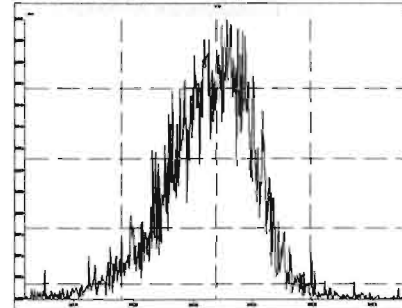
M 292.9824 R 11340



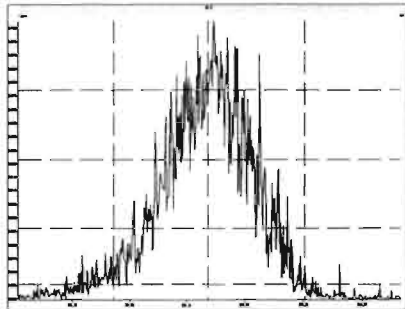
M 304.9824 R 11605



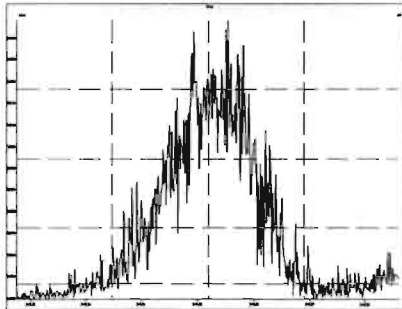
M 318.9792 R 11350



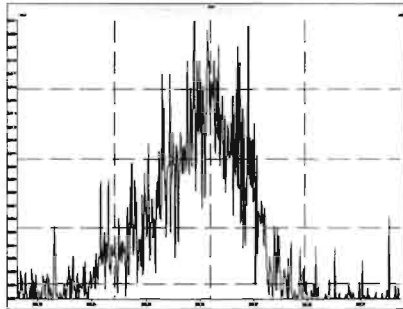
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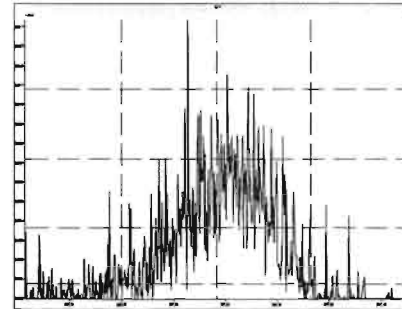
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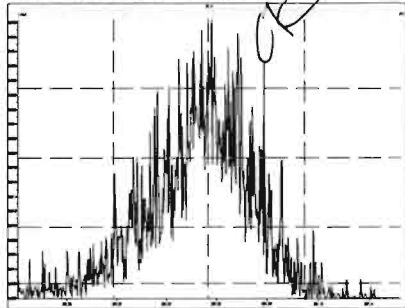
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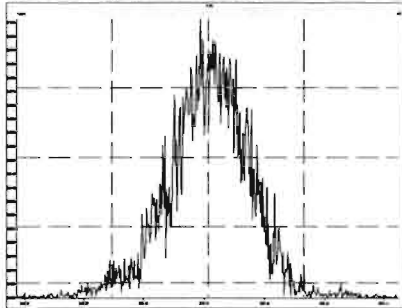
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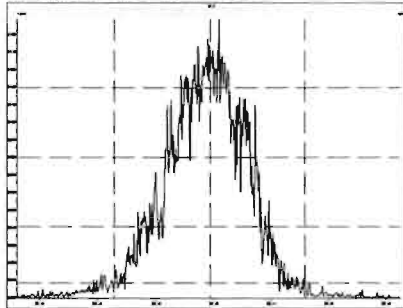
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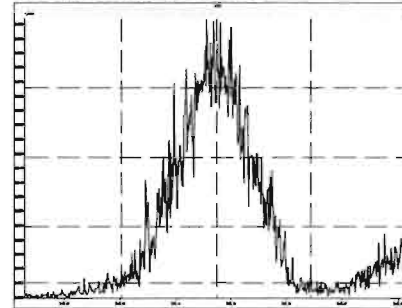
M 318.9792 R 12694



M 330.9792 R 11768

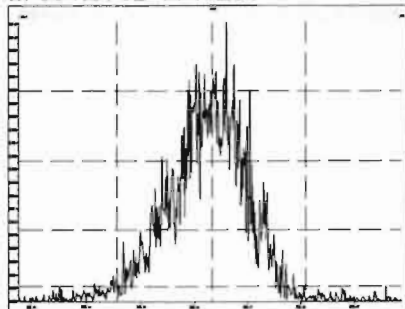


M 342.9792 R 12820

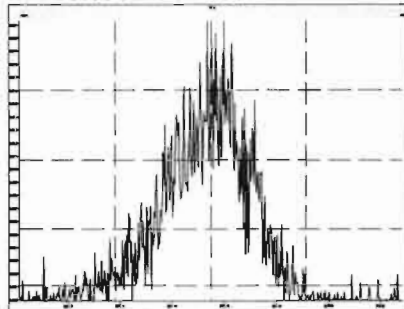


Printed: Tuesday, September 29, 2020 04:57:01 Pacific Daylight Time

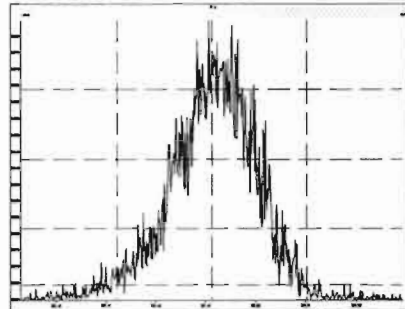
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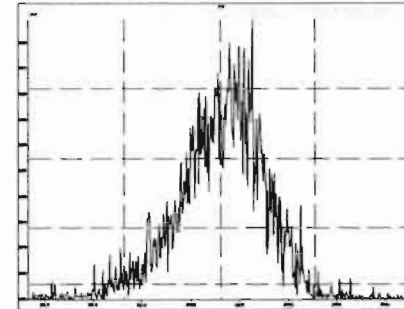
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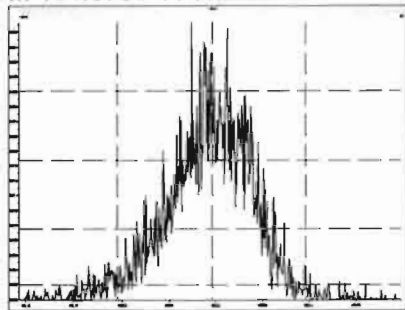
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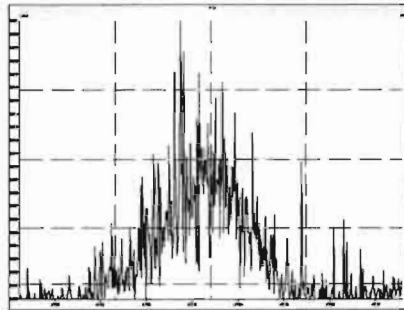
M 392.9760 R 11467



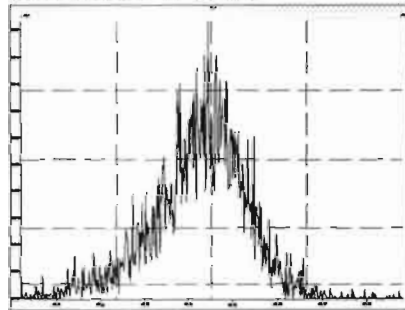
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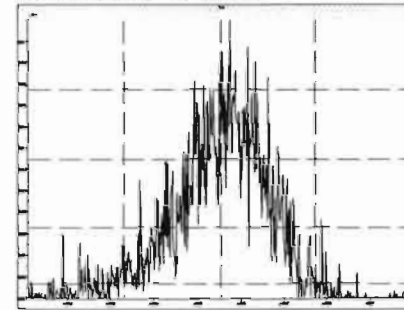
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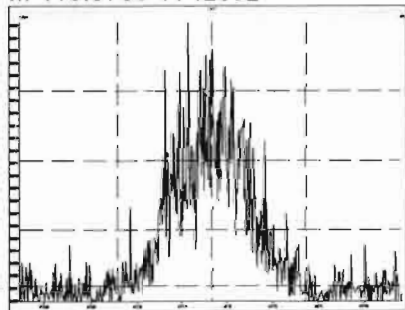
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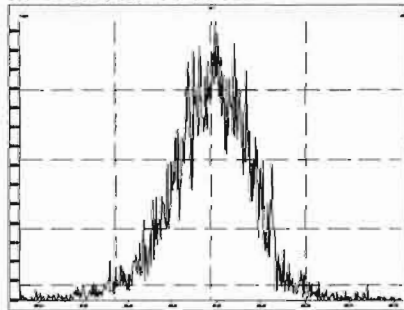
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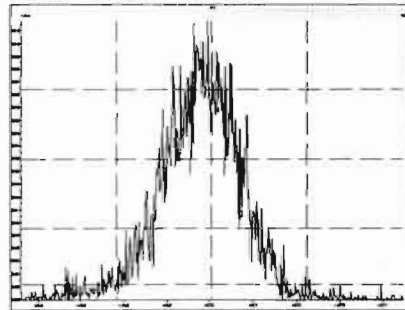
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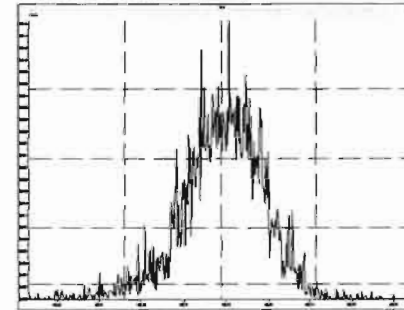
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M 442.9728 R 12883

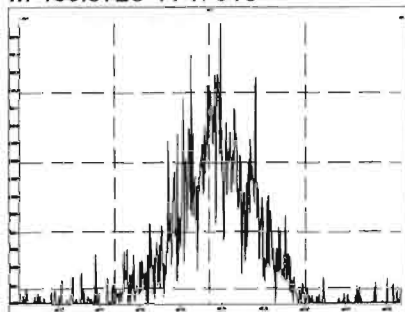


M 454.9728 R 12251

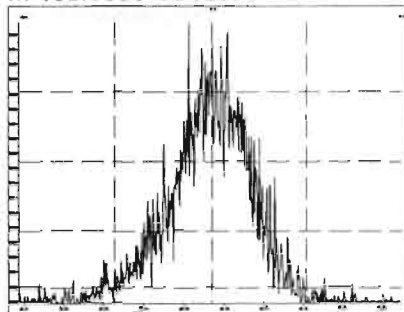


Printed: Tuesday, September 29, 2020 04:57:01 Pacific Daylight Time

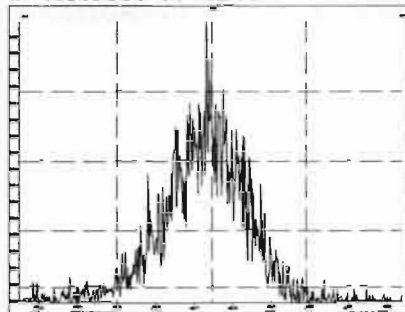
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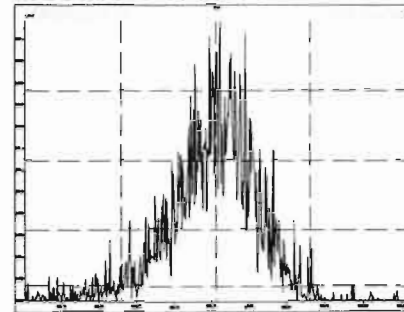
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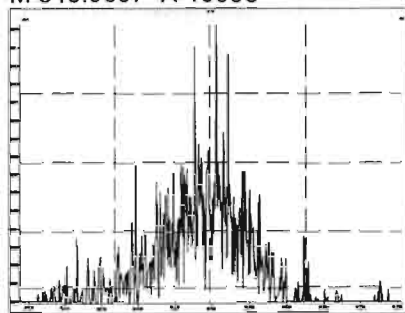
M 492.9696 R 13240



M 504.9696 R 12644



M 516.9697 R 16033



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200929K1-1 (A)

Reviewed By: CT 10/12/2020
Initials & Date

End Calibration ID: ST200929K2-1 (A) (B)

ST200929K3-1 (A) (C)
 ST200929K4-1 (C) (D)
 ST200929K4-2

	<u>Beg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TCDD/TCDF Valleys <25%	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>
First and last eluters present?	<input type="checkbox" value="NA"/>	<input type="checkbox" value="NA"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Correct ICAL referenced?	<u>Hc</u>	<u>Hc</u>
<u>Run Log:</u>		
- Correct Instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	<input checked="" type="checkbox"/>	<input type="checkbox" value="N"/>
- Bottle position verified?	<input checked="" type="checkbox"/>	<input type="checkbox" value="Hc"/>

Mass resolution \geq

5k 6-8K 8K 10K

1614 1699 429 1613/1668/8280

Intergrated peaks display correctly?

GC Break <20%

8280 CS1 End Standard:

- Ratios within limits, S/N <2.5:1, CS1 within 12 hours

Comments:

(A/B) 2 mass affected by column bleed

(C) 3 masses affected by column bleed

(D) 2 masses affected by column bleed. 1 mass did not centroid.

(D)
(E)
(B)
(A)

Beg. **End**

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-1.qld

Last Altered: Tuesday, September 29, 2020 16:52:32 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 16:52:56 Pacific Daylight Time

He 9-29-2020

C1-10/02/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.67e6	3.16	NO	1.17	1.000	15.53	15.54	1.001	1.001	NO	54.68	109	0.00973	54.68
2	2 PCB-2	1.65e6	3.20	NO	1.18	1.000	17.96	17.95	0.988	0.988	NO	53.51	107	0.0101	53.51
3	3 PCB-3	1.63e6	3.14	NO	1.15	1.000	18.18	18.19	1.001	1.001	NO	54.32	109	0.0104	54.32
4	4 PCB-4/10	2.61e6	1.56	NO	1.25	1.000	19.61	19.61	1.004	1.004	NO	113.0	113	0.0469	113.0
5	5 PCB-7/9	3.16e6	1.58	NO	0.960	1.000	21.41	21.40	1.003	1.002	NO	112.1	112	0.0397	112.1
6	6 PCB-6	1.65e6	1.60	NO	1.02	1.000	22.06	22.06	1.033	1.033	NO	55.00	110	0.0372	55.00
7	7 PCB-5/8	3.25e6	1.60	NO	0.992	1.000	22.47	22.47	1.052	1.052	NO	111.5	112	0.0384	111.5
8	8 PCB-14	1.64e6	1.57	NO	1.02	1.000	23.60	23.60	0.951	0.951	NO	57.21	114	0.0416	57.21
9	9 PCB-11	1.74e6	1.60	NO	1.13	1.000	24.83	24.83	1.001	1.001	NO	54.85	110	0.0375	54.85
10	10 PCB-12/13	3.18e6	1.59	NO	1.03	1.000	25.26	25.20	1.018	1.016	NO	110.2	110	0.0412	110.2
11	11 PCB-15	1.59e6	1.59	NO	1.03	1.000	25.54	25.55	1.030	1.030	NO	54.74	109	0.0408	54.74
12	12 PCB-19	8.02e5	1.04	NO	1.11	1.000	23.79	23.78	1.001	1.001	NO	50.62	101	0.0156	50.62
13	13 PCB-30	1.29e6	1.05	NO	1.79	1.000	24.69	24.69	1.039	1.039	NO	50.21	100	0.00960	50.21
14	14 PCB-18	8.54e5	1.03	NO	0.818	1.000	25.47	25.47	0.952	0.952	NO	49.86	99.7	0.0146	49.86
15	15 PCB-17	8.07e5	1.05	NO	0.758	1.000	25.66	25.65	0.959	0.959	NO	50.78	102	0.0158	50.78
16	16 PCB-24/27	2.32e6	1.04	NO	1.08	1.000	26.25	26.24	0.981	0.981	NO	102.4	102	0.0111	102.4
17	17 PCB-16/32	1.97e6	1.05	NO	0.925	1.000	26.78	26.78	1.001	1.001	NO	101.6	102	0.0129	101.6
18	18 PCB-34	1.43e6	1.03	NO	0.945	1.000	27.60	27.58	0.959	0.959	NO	58.85	118	0.0234	58.85
19	19 PCB-23	1.29e6	1.05	NO	0.883	1.000	27.70	27.68	0.962	0.962	NO	56.86	114	0.0251	56.86
20	20 PCB-29	1.32e6	1.06	NO	0.893	1.000	27.95	27.94	0.971	0.971	NO	57.49	115	0.0248	57.49
21	21 PCB-26	1.40e6	1.09	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	57.46	115	0.0235	57.46
22	22 PCB-25	1.39e6	1.07	NO	0.950	1.000	28.33	28.33	0.984	0.985	NO	57.03	114	0.0233	57.03
23	23 PCB-31	1.56e6	1.04	NO	1.04	1.000	28.69	28.68	0.997	0.997	NO	58.49	117	0.0214	58.49
24	24 PCB-28	1.54e6	1.06	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	58.50	117	0.0216	58.50
25	25 PCB-20/21/33	4.18e6	1.05	NO	0.941	1.000	29.43	29.43	1.023	1.023	NO	172.8	115	0.0236	172.8
26	26 PCB-22	1.45e6	1.05	NO	0.973	1.000	29.89	29.89	1.039	1.039	NO	57.88	116	0.0228	57.88
27	27 PCB-36	1.48e6	1.05	NO	1.08	1.000	30.51	30.51	0.931	0.931	NO	57.38	115	0.0237	57.38
28	28 PCB-39	1.33e6	1.08	NO	0.988	1.000	30.99	31.01	0.946	0.947	NO	56.17	112	0.0258	56.17
29	29 PCB-38	1.45e6	1.04	NO	1.05	1.000	31.79	31.79	0.970	0.970	NO	57.50	115	0.0242	57.50
30	30 PCB-35	1.47e6	1.06	NO	1.04	1.000	32.33	32.33	0.987	0.987	NO	59.01	118	0.0244	59.01
31	31 PCB-37	1.41e6	1.05	NO	1.01	1.000	32.78	32.79	1.001	1.001	NO	58.52	117	0.0253	58.52
32	32 PCB-54	1.07e6	0.78	NO	1.08	1.000	27.64	27.64	1.001	1.001	NO	52.99	106	0.0192	52.99

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-1.qld

Last Altered: Tuesday, September 29, 2020 16:52:32 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 16:52:56 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Reep	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	8.32e5	0.77	NO	0.880	1.000	28.84	28.83	1.044	1.044	NO	50.71	101	0.0236	50.71
34	34 PCB-53	7.69e5	0.78	NO	0.997	1.000	29.52	29.50	0.944	0.943	NO	52.62	105	0.0268	52.62
35	35 PCB-51	8.40e5	0.79	NO	1.07	1.000	29.88	29.85	0.956	0.955	NO	53.78	108	0.0251	53.78
36	36 PCB-45	6.64e5	0.79	NO	0.858	1.000	30.32	30.30	0.970	0.969	NO	52.72	105	0.0311	52.72
37	37 PCB-46	6.27e5	0.78	NO	0.831	1.000	30.83	30.80	0.986	0.985	NO	51.50	103	0.0322	51.50
38	38 PCB-52/69	1.78e6	0.78	NO	1.17	1.000	31.31	31.31	1.001	1.001	NO	104.2	104	0.0229	104.2
39	39 PCB-73	1.12e6	0.79	NO	1.44	1.000	31.44	31.42	1.005	1.005	NO	53.08	106	0.0185	53.08
40	40 PCB-43/49	1.55e6	0.78	NO	1.02	1.000	31.59	31.58	1.010	1.010	NO	104.2	104	0.0263	104.2
41	41 PCB-47	7.29e5	0.76	NO	0.922	1.000	31.81	31.81	1.001	1.001	NO	50.77	102	0.0269	50.77
42	42 PCB-48/75	1.88e6	0.78	NO	1.12	1.000	31.92	31.92	1.004	1.004	NO	107.7	108	0.0221	107.7
43	43 PCB-65	1.06e6	0.78	NO	1.28	1.000	32.20	32.20	1.013	1.013	NO	53.19	106	0.0193	53.19
44	44 PCB-62	8.98e5	0.79	NO	1.13	1.000	32.31	32.29	1.016	1.016	NO	51.13	102	0.0220	51.13
45	45 PCB-44	6.62e5	0.77	NO	0.824	1.000	32.65	32.63	1.027	1.026	NO	51.58	103	0.0300	51.58
46	46 PCB-42/59	1.70e6	0.78	NO	1.05	1.000	32.85	32.85	1.033	1.033	NO	103.7	104	0.0236	103.7
47	47 PCB-41/64/71/72	3.85e6	0.77	NO	1.19	1.000	33.48	33.47	1.053	1.053	NO	208.3	104	0.0209	208.3
48	48 PCB-68	1.00e6	0.78	NO	1.28	1.000	33.75	33.72	1.062	1.061	NO	50.36	101	0.0194	50.36
49	49 PCB-40	4.91e5	0.79	NO	0.602	1.000	33.97	33.95	1.069	1.068	NO	52.35	105	0.0411	52.35
50	50 PCB-57	1.08e6	0.78	NO	1.16	1.000	34.32	34.32	0.969	0.969	NO	52.38	105	0.0192	52.38
51	51 PCB-67	9.82e5	0.77	NO	1.08	1.000	34.64	34.64	0.978	0.978	NO	51.19	102	0.0206	51.19
52	52 PCB-58	1.12e6	0.79	NO	1.20	1.000	34.75	34.77	0.981	0.982	NO	52.78	106	0.0185	52.78
53	53 PCB-63	9.85e5	0.78	NO	1.07	1.000	34.92	34.92	0.986	0.986	NO	51.93	104	0.0208	51.93
54	54 PCB-74	1.09e6	0.77	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	52.01	104	0.0188	52.01
55	55 PCB-61/70	2.01e6	0.78	NO	1.05	1.000	35.44	35.44	1.000	1.001	NO	107.6	108	0.0211	107.6
56	56 PCB-76/66	2.15e6	0.77	NO	1.16	1.000	35.63	35.60	1.006	1.005	NO	104.4	104	0.0191	104.4
57	57 PCB-80	1.13e6	0.78	NO	1.19	1.000	35.88	35.87	1.001	1.001	NO	52.36	105	0.0180	52.36
58	58 PCB-55	1.12e6	0.78	NO	1.17	1.000	36.20	36.20	1.010	1.010	NO	52.45	105	0.0183	52.45
59	59 PCB-56/60	1.95e6	0.77	NO	1.02	1.000	36.70	36.70	1.024	1.024	NO	104.8	105	0.0210	104.8
60	60 PCB-79	1.09e6	0.78	NO	1.14	1.000	37.80	37.80	1.054	1.055	NO	52.25	105	0.0188	52.25
61	61 PCB-78	1.01e6	0.78	NO	1.14	1.000	38.52	38.53	0.987	0.987	NO	52.64	105	0.0211	52.64
62	62 PCB-81	9.04e5	0.76	NO	1.05	1.000	39.07	39.07	1.000	1.000	NO	51.32	103	0.0229	51.32
63	63 PCB-77	1.00e6	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	53.20	106	0.0219	53.20
64	64 PCB-104	7.81e5	1.58	NO	1.12	1.000	32.48	32.48	1.001	1.001	NO	50.15	100	0.0146	50.15
65	65 PCB-96	8.01e5	1.60	NO	1.15	1.000	33.80	33.78	1.041	1.041	NO	49.99	100	0.0142	49.99
66	66 PCB-103	6.09e5	1.60	NO	0.936	1.000	34.36	34.34	1.059	1.058	NO	46.82	93.6	0.0175	46.82
67	67 PCB-100	6.16e5	1.60	NO	0.954	1.000	34.72	34.71	1.070	1.069	NO	46.54	93.1	0.0172	46.54
68	68 PCB-94	4.86e5	1.60	NO	0.949	1.000	35.19	35.19	0.985	0.985	NO	48.03	96.1	0.0230	48.03

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-1.qld

Last Altered: Tuesday, September 29, 2020 16:52:32 Pacific Daylight Time

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Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.89e6	1.58	NO	1.20	1.000	35.67	35.68	0.999	0.999	NO	146.7	97.8	0.0181	146.7
70	70 PCB-93	4.90e5	1.66	NO	0.935	1.000	35.81	35.83	1.003	1.003	NO	49.12	98.2	0.0233	49.12
71	71 PCB-88/91	1.09e6	1.63	NO	1.06	1.000	36.14	36.16	1.012	1.013	NO	95.67	95.7	0.0205	95.67
72	72 PCB-121	8.44e5	1.60	NO	1.71	1.000	36.24	36.24	1.015	1.015	NO	46.25	92.5	0.0127	46.25
73	73 PCB-84/92	1.03e6	1.59	NO	1.02	1.000	37.10	37.09	0.990	0.990	NO	98.96	99.0	0.0218	98.96
74	74 PCB-89	5.55e5	1.58	NO	1.11	1.000	37.27	37.28	0.995	0.995	NO	49.05	98.1	0.0201	49.05
75	75 PCB-90/101	1.12e6	1.58	NO	1.12	1.000	37.48	37.48	1.000	1.000	NO	97.72	97.7	0.0197	97.72
76	76 PCB-113	7.71e5	1.59	NO	1.51	1.000	37.73	37.73	1.007	1.007	NO	49.69	99.4	0.0146	49.69
77	77 PCB-99	6.29e5	1.61	NO	1.32	1.000	37.81	37.82	1.009	1.009	NO	46.43	92.9	0.0168	46.43
78	78 PCB-119	7.50e5	1.60	NO	1.81	1.000	38.31	38.30	0.987	0.987	NO	46.87	93.7	0.0146	46.87
79	79 PCB-108/112	1.26e6	1.61	NO	1.44	1.000	38.46	38.47	0.991	0.991	NO	98.54	98.5	0.0182	98.54
80	80 PCB-83	7.82e5	1.60	NO	1.83	1.000	38.62	38.64	0.995	0.996	NO	48.21	96.4	0.0144	48.21
81	81 PCB-97	5.58e5	1.60	NO	1.28	1.000	38.83	38.84	1.000	1.001	NO	49.13	98.3	0.0205	49.13
82	82 PCB-86	4.96e5	1.56	NO	1.12	1.000	38.97	38.99	1.004	1.005	NO	50.08	100	0.0236	50.08
83	83 PCB-87/117/125	2.04e6	1.58	NO	1.56	1.000	39.12	39.12	1.008	1.008	NO	147.9	98.6	0.0169	147.9
84	84 PCB-111/115	1.68e6	1.57	NO	1.91	1.000	39.28	39.27	1.012	1.012	NO	99.07	99.1	0.0138	99.07
85	85 PCB-85/116	1.23e6	1.59	NO	1.41	1.000	39.40	39.40	1.015	1.015	NO	98.63	98.6	0.0187	98.63
86	86 PCB-120	8.79e5	1.57	NO	2.01	1.000	39.66	39.66	1.022	1.022	NO	49.50	99.0	0.0131	49.50
87	87 PCB-110	7.58e5	1.60	NO	1.74	1.000	39.81	39.81	1.026	1.026	NO	49.07	98.1	0.0151	49.07
88	88 PCB-82	4.50e5	1.62	NO	0.781	1.000	40.47	40.44	0.976	0.975	NO	48.84	97.7	0.0259	48.84
89	89 PCB-124	8.27e5	1.58	NO	1.40	1.000	41.17	41.15	0.993	0.992	NO	50.21	100	0.0145	50.21
90	90 PCB-107/109	1.59e6	1.62	NO	1.34	1.000	41.32	41.30	0.996	0.996	NO	100.2	100	0.0151	100.2
91	91 PCB-123	7.07e5	1.57	NO	1.20	1.000	41.49	41.49	1.000	1.000	NO	50.03	100	0.0169	50.03
92	92 PCB-106/118	1.56e6	1.57	NO	1.22	1.000	41.69	41.69	1.001	1.001	NO	101.2	101	0.0151	101.2
93	93 PCB-114	9.29e5	1.59	NO	1.14	1.000	42.35	42.35	1.000	1.000	NO	54.53	109	0.0335	54.53
94	94 PCB-122	8.28e5	1.60	NO	0.944	1.000	42.50	42.48	1.004	1.004	NO	58.75	118	0.0404	58.75
95	95 PCB-105	9.14e5	1.57	NO	1.05	1.000	43.24	43.24	1.000	1.000	NO	56.58	113	0.0355	56.58
96	96 PCB-127	9.74e5	1.56	NO	1.06	1.000	43.58	43.58	1.000	1.000	NO	57.28	115	0.0326	57.28
97	97 PCB-126	1.03e6	1.60	NO	1.17	1.000	45.53	45.53	1.000	1.000	NO	56.40	113	0.0316	56.40
98	98 PCB-155	4.91e5	1.32	NO	1.04	1.000	37.02	37.02	1.000	1.001	NO	47.48	95.0	0.00694	47.48
99	99 PCB-150	5.09e5	1.30	NO	1.08	1.000	38.34	38.32	1.036	1.036	NO	47.36	94.7	0.00668	47.36
100	1... PCB-152	5.74e5	1.30	NO	1.19	1.000	38.83	38.81	1.049	1.049	NO	48.77	97.5	0.00610	48.77
101	1... PCB-145	5.66e5	1.30	NO	1.19	1.000	39.28	39.27	1.062	1.061	NO	48.05	96.1	0.00609	48.05
102	1... PCB-136	4.95e5	1.27	NO	1.02	1.000	39.63	39.61	1.071	1.070	NO	48.87	97.7	0.00709	48.87
103	1... PCB-148	3.83e5	1.31	NO	0.842	1.000	39.74	39.72	1.074	1.073	NO	45.93	91.9	0.00860	45.93
104	1... PCB-154	4.19e5	1.29	NO	0.919	1.000	40.24	40.22	1.088	1.087	NO	45.99	92.0	0.00788	45.99

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Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	3.61e5	1.28	NO	0.787	1.000	40.91	40.89	1.106	1.105	NO	46.28	92.6	0.00920	46.28
106	1... PCB-135	4.20e5	1.28	NO	0.922	1.000	41.13	41.11	1.112	1.111	NO	45.97	91.9	0.00785	45.97
107	1... PCB-144	3.60e5	1.31	NO	0.789	1.000	41.23	41.22	1.114	1.114	NO	45.99	92.0	0.00917	45.99
108	1... PCB-147	3.91e5	1.28	NO	0.834	1.000	41.38	41.35	1.118	1.118	NO	47.27	94.5	0.00867	47.27
109	1... PCB-139/149	8.80e5	1.30	NO	0.948	1.000	41.64	41.63	1.125	1.125	NO	93.65	93.7	0.00764	93.65
110	1... PCB-140	3.73e5	1.30	NO	0.794	1.000	41.88	41.82	1.132	1.130	NO	47.44	94.9	0.00912	47.44
111	1... PCB-134/143	1.05e6	1.25	NO	0.759	1.000	42.28	42.27	0.975	0.975	NO	106.4	106	0.0778	106.4
112	1... PCB-131/133	1.12e6	1.24	NO	0.821	1.000	42.57	42.58	0.982	0.982	NO	105.7	106	0.0719	105.7
113	1... PCB-142	4.94e5	1.26	NO	0.754	1.000	42.72	42.73	0.985	0.985	NO	50.49	101	0.0782	50.49
114	1... PCB-146/165	1.37e6	1.25	NO	1.02	1.000	42.95	42.97	0.990	0.991	NO	104.0	104	0.0581	104.0
115	1... PCB-132/161	1.37e6	1.26	NO	1.02	1.000	43.20	43.20	0.996	0.996	NO	103.3	103	0.0576	103.3
116	1... PCB-153	7.15e5	1.25	NO	1.07	1.000	43.39	43.41	1.000	1.001	NO	51.48	103	0.0551	51.48
117	1... PCB-168	7.34e5	1.28	NO	1.08	1.000	43.62	43.62	1.006	1.006	NO	52.53	105	0.0548	52.53
118	1... PCB-141	5.89e5	1.27	NO	1.03	1.000	44.17	44.17	1.000	1.000	NO	53.15	106	0.0700	53.15
119	1... PCB-137	5.75e5	1.24	NO	1.11	1.000	44.56	44.57	1.009	1.009	NO	47.92	95.8	0.0647	47.92
120	1... PCB-130	5.43e5	1.23	NO	0.885	1.000	44.68	44.66	1.012	1.012	NO	56.81	114	0.0811	56.81
121	1... PCB-138/163/164	2.34e6	1.25	NO	1.28	1.000	45.04	45.06	1.001	1.001	NO	159.8	107	0.0540	159.8
122	1... PCB-158/160	1.48e6	1.26	NO	1.24	1.000	45.28	45.31	1.006	1.007	NO	104.8	105	0.0559	104.8
123	1... PCB-129	5.08e5	1.24	NO	0.867	1.000	45.53	45.55	1.012	1.012	NO	51.47	103	0.0799	51.47
124	1... PCB-166	8.27e5	1.23	NO	1.14	1.000	46.01	46.03	0.993	0.993	NO	53.15	106	0.0506	53.15
125	1... PCB-159	8.56e5	1.26	NO	1.22	1.000	46.35	46.35	1.000	1.000	NO	51.68	103	0.0476	51.68
126	1... PCB-128/162	1.34e6	1.25	NO	0.907	1.000	46.66	46.65	1.007	1.007	NO	108.1	108	0.0638	108.1
127	1... PCB-167	7.88e5	1.25	NO	1.11	1.000	47.05	47.07	1.000	1.001	NO	51.90	104	0.0527	51.90
128	1... PCB-156	7.61e5	1.27	NO	1.13	1.000	48.39	48.39	1.000	1.000	NO	52.22	104	0.0543	52.22
129	1... PCB-157	7.08e5	1.26	NO	1.04	1.000	48.66	48.66	1.000	1.000	NO	52.49	105	0.0596	52.49
130	1... PCB-169	7.32e5	1.25	NO	1.16	1.000	50.93	50.93	1.000	1.000	NO	52.54	105	0.0579	52.54
131	1... PCB-188	7.26e5	1.05	NO	1.29	1.000	43.03	43.01	1.001	1.000	NO	52.04	104	0.0385	52.04
132	1... PCB-184	7.02e5	1.06	NO	1.23	1.000	43.46	43.49	1.011	1.011	NO	52.71	105	0.0403	52.71
133	1... PCB-179	7.39e5	1.04	NO	1.30	1.000	44.29	44.28	1.030	1.030	NO	52.65	105	0.0383	52.65
134	1... PCB-176	7.37e5	1.05	NO	1.31	1.000	44.75	44.78	1.041	1.041	NO	52.07	104	0.0379	52.07
135	1... PCB-186	7.86e5	1.04	NO	1.33	1.000	45.38	45.40	1.056	1.056	NO	54.69	109	0.0374	54.69
136	1... PCB-178	5.18e5	1.03	NO	0.943	1.000	45.89	45.91	1.067	1.068	NO	50.79	102	0.0526	50.79
137	1... PCB-175	5.30e5	1.05	NO	0.956	1.000	46.25	46.25	1.076	1.076	NO	51.29	103	0.0519	51.29
138	1... PCB-182/187	1.18e6	1.05	NO	1.07	1.000	46.46	46.44	1.081	1.080	NO	102.7	103	0.0466	102.7
139	1... PCB-183	5.81e5	1.06	NO	1.02	1.000	46.76	46.76	1.088	1.088	NO	52.52	105	0.0485	52.52
140	1... PCB-185	5.09e5	1.06	NO	1.41	1.000	47.44	47.45	0.955	0.955	NO	52.19	104	0.0581	52.19

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Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	4.52e5	1.02	NO	1.35	1.000	47.84	47.83	0.963	0.962	NO	48.12	96.2	0.0603	48.12
142	1... PCB-181	5.68e5	1.04	NO	1.47	1.000	47.94	47.92	0.965	0.964	NO	55.53	111	0.0553	55.53
143	1... PCB-177	4.55e5	1.05	NO	1.28	1.000	48.11	48.11	0.968	0.968	NO	51.34	103	0.0639	51.34
144	1... PCB-171	4.69e5	1.04	NO	1.32	1.000	48.41	48.39	0.974	0.974	NO	51.38	103	0.0620	51.38
145	1... PCB-173	4.18e5	1.06	NO	1.19	1.000	48.84	48.85	0.983	0.983	NO	50.62	101	0.0686	50.62
146	1... PCB-172	4.89e5	1.05	NO	1.38	1.000	49.32	49.30	0.992	0.992	NO	51.28	103	0.0593	51.28
147	1... PCB-192	6.21e5	1.04	NO	1.83	1.000	49.51	49.49	0.996	0.996	NO	49.00	98.0	0.0447	49.00
148	1... PCB-180	4.90e5	1.04	NO	1.41	1.000	49.72	49.72	1.000	1.000	NO	50.07	100	0.0578	50.07
149	1... PCB-193	5.78e5	1.05	NO	1.68	1.000	49.94	49.93	1.005	1.005	NO	49.73	99.5	0.0487	49.73
150	1... PCB-191	5.83e5	1.06	NO	1.71	1.000	50.21	50.19	1.010	1.010	NO	49.18	98.4	0.0477	49.18
151	1... PCB-170	4.15e5	1.03	NO	1.40	1.000	51.39	51.39	1.000	1.000	NO	50.82	102	0.0665	50.82
152	1... PCB-190	5.51e5	1.04	NO	1.85	1.000	51.60	51.58	1.005	1.004	NO	51.10	102	0.0504	51.10
153	1... PCB-189	5.71e5	1.03	NO	1.45	1.000	53.09	53.09	1.000	1.000	NO	51.16	102	0.0443	51.16
154	1... PCB-202	5.31e5	0.91	NO	1.17	1.000	48.64	48.62	1.001	1.000	NO	49.21	98.4	0.0366	49.21
155	1... PCB-201	4.72e5	0.92	NO	1.05	1.000	49.13	49.11	1.011	1.011	NO	48.58	97.2	0.0407	48.58
156	1... PCB-204	5.05e5	0.90	NO	1.14	1.000	49.28	49.26	1.014	1.014	NO	47.90	95.8	0.0375	47.90
157	1... PCB-197	5.04e5	0.90	NO	1.13	1.000	49.60	49.59	1.021	1.020	NO	48.21	96.4	0.0378	48.21
158	1... PCB-200	4.69e5	0.91	NO	1.07	1.000	50.54	50.51	1.040	1.039	NO	47.49	95.0	0.0400	47.49
159	1... PCB-198	3.45e5	0.91	NO	0.794	1.000	52.08	52.07	1.072	1.071	NO	47.12	94.2	0.0539	47.12
160	1... PCB-199	3.42e5	0.92	NO	0.809	1.000	52.22	52.20	1.074	1.074	NO	45.73	91.5	0.0529	45.73
161	1... PCB-196/203	7.21e5	0.91	NO	0.838	1.000	52.52	52.50	1.081	1.080	NO	93.17	93.2	0.0511	93.17
162	1... PCB-195	4.34e5	0.89	NO	1.04	1.000	53.80	53.80	0.984	0.984	NO	53.70	107	0.0896	53.70
163	1... PCB-194	4.61e5	0.91	NO	1.12	1.000	54.71	54.71	1.000	1.000	NO	53.49	107	0.0839	53.49
164	1... PCB-205	5.53e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	55.49	111	0.0726	55.49
165	1... PCB-208	4.67e5	1.35	NO	0.933	1.000	53.95	53.95	1.000	1.000	NO	52.49	105	0.0678	52.49
166	1... PCB-207	4.51e5	1.36	NO	0.916	1.000	54.28	54.28	1.007	1.007	NO	51.60	103	0.0690	51.60
167	1... PCB-206	2.92e5	1.37	NO	1.01	1.000	56.25	56.24	1.000	1.000	NO	52.29	105	0.108	52.29
168	1... PCB-209	2.37e5	1.17	NO	0.986	1.000	57.47	57.49	1.000	1.000	NO	49.94	99.9	0.00679	49.94
169	1... 13C-PCB-1	2.61e6	3.47	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	100.7	101	0.0674	100.7
170	1... 13C-PCB-3	2.61e6	3.18	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	98.60	98.6	0.0662	98.60
171	1... 13C-PCB-4	1.85e6	1.63	NO	0.600	1.000	19.53	19.52	0.765	0.765	NO	106.1	106	0.0465	106.1
172	1... 13C-PCB-9	2.94e6	1.58	NO	0.970	1.000	21.36	21.35	0.837	0.836	NO	104.2	104	0.0288	104.2
173	1... 13C-PCB-11	2.81e6	1.59	NO	0.962	1.000	24.81	24.81	0.972	0.972	NO	100.6	101	0.0290	100.6
174	1... 13C-PCB-19	1.43e6	1.05	NO	0.499	1.000	23.77	23.76	0.931	0.931	NO	98.87	98.9	0.289	98.87
175	1... 13C-PCB-32	2.10e6	1.06	NO	0.744	1.000	26.76	26.76	1.048	1.048	NO	96.93	96.9	0.194	96.93
176	1... 13C-PCB-28	2.57e6	1.05	NO	1.06	1.000	28.75	28.77	1.003	1.004	NO	95.94	95.9	0.203	95.94

Handwritten annotations: "95.2" with an arrow pointing to row 141, "95.2" with an arrow pointing to row 168, and "97" with an arrow pointing to row 175.

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-1.qld

Last Altered: Tuesday, September 29, 2020 16:52:32 Pacific Daylight Time

Printed: Tuesday, September 29, 2020 16:52:56 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	rv/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	2.39e6	1.06	NO	0.989	1.000	32.75	32.76	1.143	1.143	NO	96.01	96.0	0.219	
178	1... 13C-PCB-54	1.87e6	0.79	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	105.6	106	0.0753	
179	1... 13C-PCB-52	1.47e6	0.79	NO	0.804	1.000	31.26	31.27	0.852	0.852	NO	103.2	103	0.0936	
180	1... 13C-PCB-47	1.56e6	0.79	NO	0.857	1.000	31.78	31.79	0.866	0.866	NO	102.8	103	0.0878	
181	1... 13C-PCB-70	1.77e6	0.80	NO	0.996	1.000	35.43	35.42	0.965	0.965	NO	100.5	100	0.0756	
182	1... 13C-PCB-80	1.83e6	0.79	NO	1.03	1.000	35.87	35.85	0.977	0.977	NO	100.5	100	0.0732	
183	1... 13C-PCB-81	1.68e6	0.79	NO	0.988	1.000	39.06	39.05	1.064	1.064	NO	96.37	96.4	0.0762	
184	1... 13C-PCB-77	1.65e6	0.79	NO	0.969	1.000	39.67	39.66	1.081	1.081	NO	96.55	96.6	0.0777	
185	1... 13C-PCB-104	1.39e6	1.55	NO	1.02	1.000	32.45	32.46	0.827	0.827	NO	106.1	106	0.0371	
186	1... 13C-PCB-95	1.07e6	1.64	NO	0.805	1.000	35.72	35.72	0.910	0.910	NO	103.0	103	0.0468	
187	1... 13C-PCB-101	1.02e6	1.63	NO	0.793	1.000	37.47	37.47	0.955	0.954	NO	100.5	100	0.0476	
188	1... 13C-PCB-97	8.86e5	1.60	NO	0.696	1.000	38.81	38.81	0.989	0.989	NO	98.89	98.9	0.0541	
189	1... 13C-PCB-123	1.18e6	1.59	NO	0.933	1.000	41.45	41.47	1.056	1.056	NO	98.23	98.2	0.0404	
190	1... 13C-PCB-118	1.27e6	1.61	NO	0.986	1.000	41.64	41.65	1.061	1.061	NO	99.78	99.8	0.0383	
191	1... 13C-PCB-114	1.49e6	1.62	NO	1.55	1.000	42.31	42.33	0.908	0.908	NO	100.2	100	0.0630	
192	1... 13C-PCB-105	1.54e6	1.59	NO	1.57	1.000	43.20	43.22	0.927	0.927	NO	101.5	101	0.0620	
193	1... 13C-PCB-127	1.61e6	1.60	NO	1.62	1.000	43.54	43.56	0.934	0.935	NO	102.6	103	0.0600	
194	1... 13C-PCB-126	1.56e6	1.57	NO	1.57	1.000	45.52	45.51	0.976	0.976	NO	103.5	104	0.0622	
195	1... 13C-PCB-155	9.92e5	1.27	NO	0.615	1.000	36.98	37.00	0.942	0.943	NO	125.4	125	0.0281	
196	1... 13C-PCB-153	1.30e6	1.27	NO	1.36	1.000	43.37	43.37	0.930	0.931	NO	98.65	98.6	0.0753	
197	1... 13C-PCB-141	1.08e6	1.29	NO	1.13	1.000	44.14	44.15	0.947	0.947	NO	99.40	99.4	0.0911	
198	1... 13C-PCB-138	1.14e6	1.27	NO	1.18	1.000	45.00	45.00	0.965	0.965	NO	99.82	99.8	0.0867	
199	1... 13C-PCB-159	1.36e6	1.27	NO	1.44	1.000	46.32	46.33	0.994	0.994	NO	98.21	98.2	0.0714	
200	2... 13C-PCB-167	1.37e6	1.26	NO	1.44	1.000	47.03	47.03	1.009	1.009	NO	98.67	98.7	0.0713	
201	2... 13C-PCB-156	1.30e6	1.27	NO	1.40	1.000	48.35	48.37	1.037	1.038	NO	96.24	96.2	0.0736	
202	2... 13C-PCB-157	1.30e6	1.29	NO	1.40	1.000	48.64	48.64	1.043	1.043	NO	96.56	96.6	0.0735	
203	2... 13C-PCB-169	1.20e6	1.29	NO	1.33	1.000	50.91	50.91	1.092	1.092	NO	93.85	93.9	0.0772	
204	2... 13C-PCB-188	1.08e6	0.46	NO	1.41	1.000	43.01	42.99	0.926	0.926	NO	98.22	98.2	0.0782	
205	2... 13C-PCB-180	6.93e5	0.46	NO	0.929	1.000	49.70	49.70	1.070	1.070	NO	95.58	95.6	0.119	
206	2... 13C-PCB-170	5.82e5	0.46	NO	0.794	1.000	51.36	51.37	1.106	1.106	NO	93.87	93.9	0.139	
207	2... 13C-PCB-189	7.69e5	0.47	NO	1.04	1.000	53.09	53.07	1.143	1.143	NO	94.20	94.2	0.105	
208	2... 13C-PCB-202	9.23e5	0.93	NO	1.04	1.000	48.60	48.60	1.046	1.047	NO	114.1	114	0.0812	
209	2... 13C-PCB-194	7.73e5	0.90	NO	0.768	1.000	54.69	54.69	0.995	0.995	NO	98.50	98.5	0.164	
210	2... 13C-PCB-208	9.54e5	0.80	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	94.24	94.2	0.0993	
211	2... 13C-PCB-206	5.54e5	0.79	NO	0.552	1.000	56.23	56.23	1.023	1.023	NO	98.08	98.1	0.178	
212	2... 13C-PCB-209	4.81e5	1.19	NO	0.396	1.000	57.47	57.47	1.046	1.046	NO	118.7	119	0.0197	

50-145

Dataset: U:\VG11.PRO\Results\200929K1\200929K1-1.qld

Last Altered: Tuesday, September 29, 2020 16:52:32 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 16:52:56 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.90e6	1.58	NO	1.00	1.000	25.54	25.53	1.000	0.000	NO	100.0	100	0.0279	
214	2... 13C-PCB-31	2.52e6	1.04	NO	1.00	1.000	28.69	28.66	1.000	0.000	NO	100.0	100	0.216	
215	2... 13C-PCB-60	1.77e6	0.80	NO	1.00	1.000	36.71	36.70	1.000	0.000	NO	100.0	100	0.0752	
216	2... 13C-PCB-111	1.29e6	1.61	NO	1.00	1.000	39.27	39.25	1.000	0.000	NO	100.0	100	0.0377	
217	2... 13C-PCB-128	9.63e5	1.26	NO	1.00	1.000	46.64	46.61	1.000	0.000	NO	100.0	100	0.103	
218	2... 13C-PCB-182	7.81e5	0.47	NO	1.00	1.000	46.45	46.44	0.000	0.000	NO	100.0	100	0.110	
219	2... 13C-PCB-205	1.02e6	0.92	NO	1.00	1.000	54.99	54.97	1.000	0.000	NO	100.0	100	0.126	
220	2... 13C-PCB-79	1.87e6	0.80	NO	1.07	1.000	37.80	37.78	1.030	1.029	NO	99.1	99.1	0.0704	75.125
221	2... 13C-PCB-178	7.55e5	0.46	NO	0.766	1.000	45.89	45.87	0.988	0.988	NO	102.3	102	0.114	
222	2... 13C-PCB-79	1.87e6	0.80	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	102.5	103	0.0718	
223	2... 13C-PCB-178	7.55e5	0.46	NO	1.05	1.000	45.89	45.87	0.923	0.923	NO	103.6	104	0.119	

Vista Analytical Laboratory VG-11

Dataset: Untitled

Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time

Printed: Wednesday, September 30, 2020 07:21:43 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

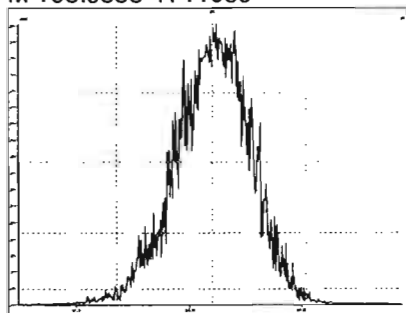
Compound name: PCB-1

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1	200929K1_1	ST200929K1-1 PCB 209 CS3 19G2609	29-Sep-20	14:53:22
2	200929K1_2	B010208-BS1 OPR 10	29-Sep-20	15:53:31
3	200929K1_3	SOLVENT BLANK	29-Sep-20	16:52:37
4	200929K1_4	B010208-BLK1 Method Blank 10	29-Sep-20	17:53:08
5	200929K1_5	2002008-01 NCPDI-009SG-200923 10	29-Sep-20	18:53:42
6	200929K1_6	2002008-02 NCPDI-010SG-200923 10	29-Sep-20	19:54:04
7	200929K1_7	2002008-03 NCPDI-015SG-200923 10	29-Sep-20	20:54:35
8	200929K1_8	2002008-04 NCPDI-028SG-200923 10	29-Sep-20	21:55:02
9	200929K1_9	2002008-05 NCPDI-046SG-200923 10	29-Sep-20	22:55:31
10	200929K1_10	2002007-01 NCPDI-016SG-200924 10	29-Sep-20	23:56:02
11	200929K1_11	2002007-02 NCPDI-019SG-200924 10	30-Sep-20	00:56:31
12	200929K1_12	2002007-03 NCPDI-069SG-200924 10	30-Sep-20	01:57:01
13	200929K2_1	SOLVENT BLANK	30-Sep-20	03:06:05
14	200929K2_2	ST200929K2-1 PCB 209 CS3 19G2609	30-Sep-20	04:04:50

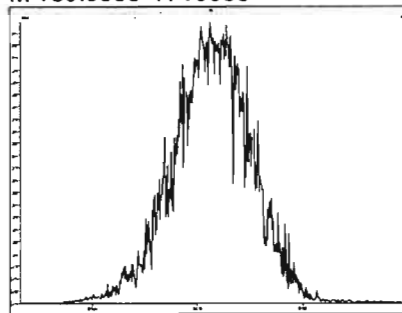
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Printed: Tuesday, September 29, 2020 14:50:50 Pacific Daylight Time

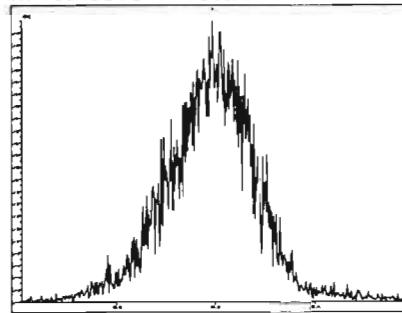
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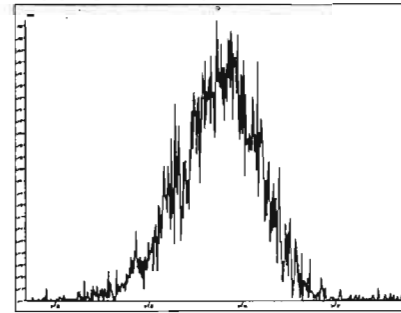
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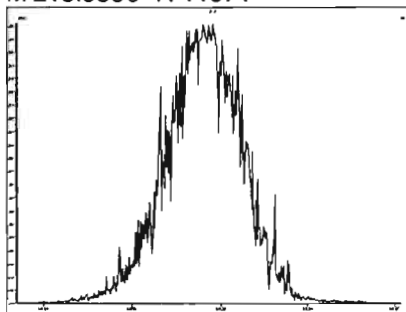
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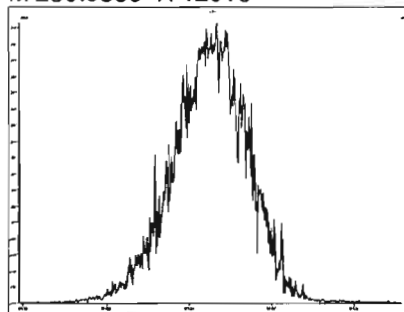
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Printed: Tuesday, September 29, 2020 14:51:06 Pacific Daylight Time

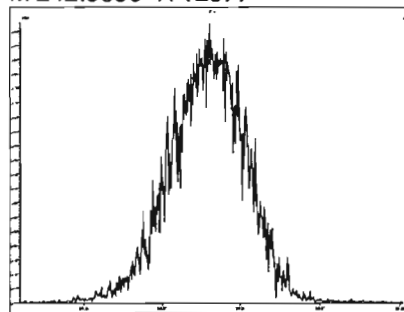
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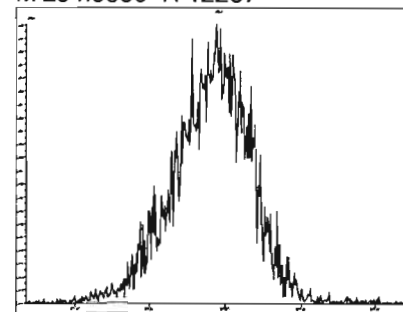
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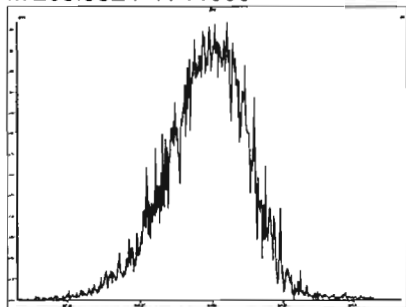
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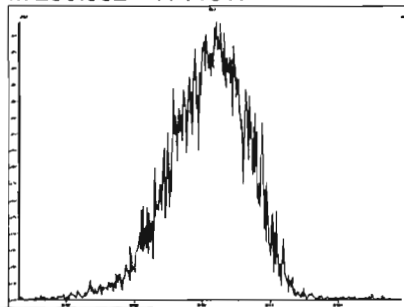
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M 268.9824 R 11060



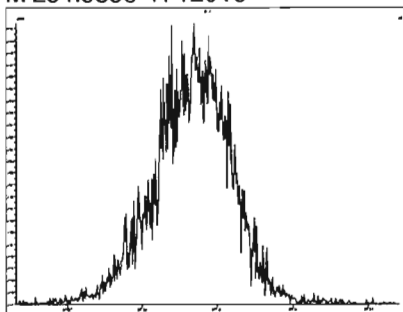
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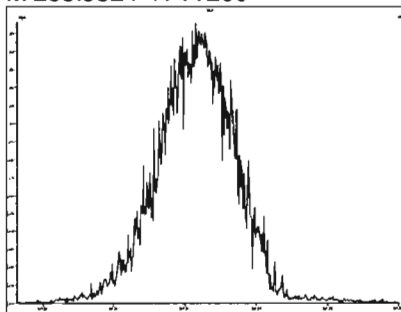
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Printed: Tuesday, September 29, 2020 14:51:28 Pacific Daylight Time

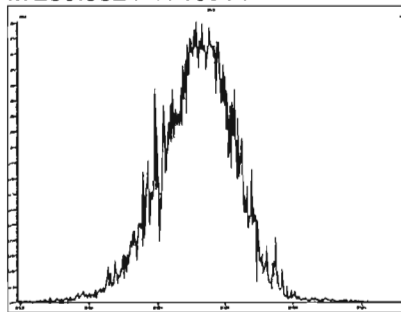
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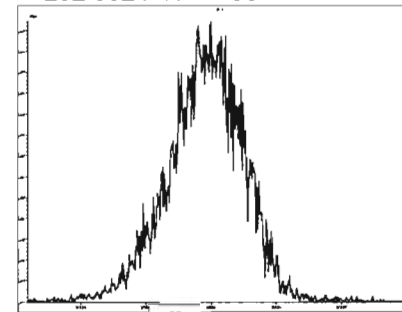
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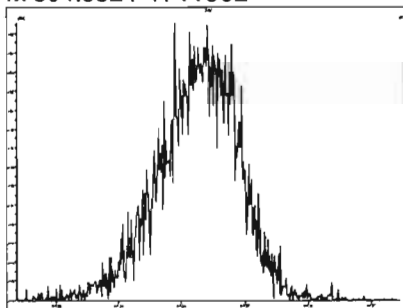
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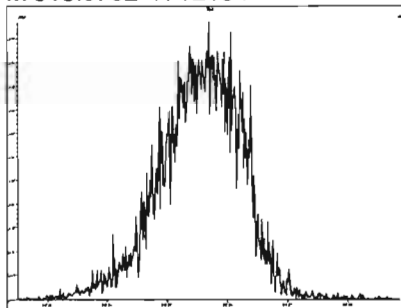
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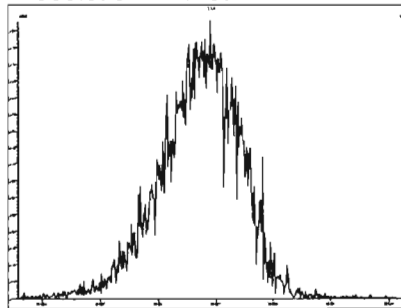
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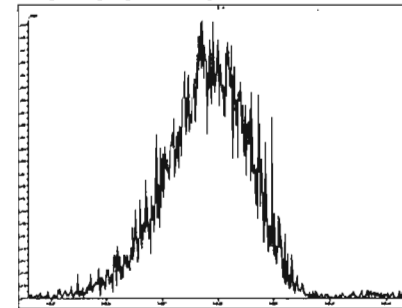
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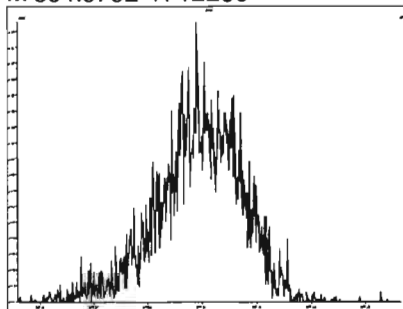
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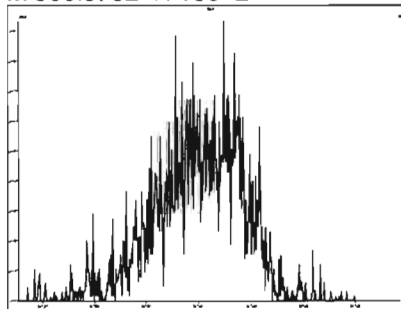
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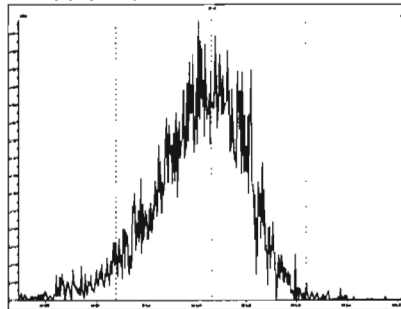
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M 366.9792 R 13512



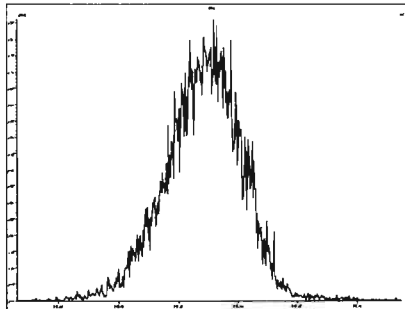
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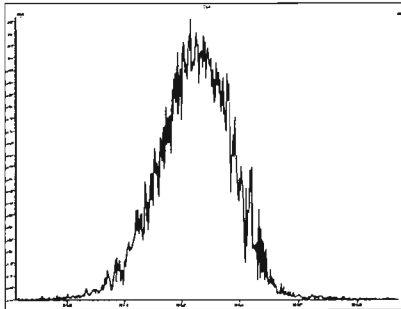
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Printed: Tuesday, September 29, 2020 14:51:58 Pacific Daylight Time

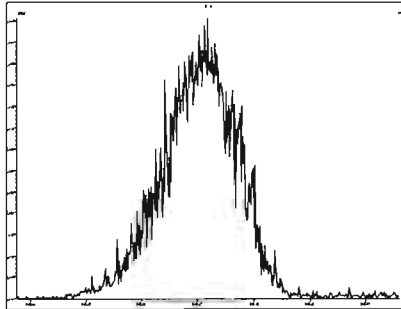
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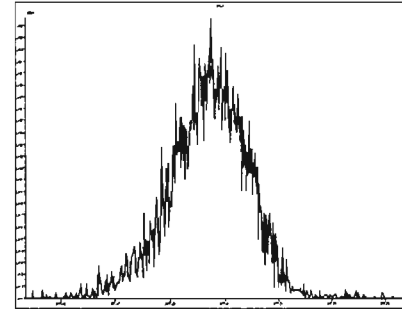
M 330.9792 R 11962



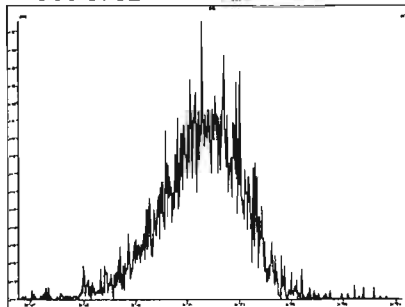
M 342.9792 R 11627



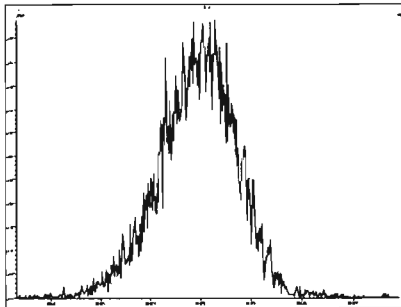
M 354.9792 R 11960



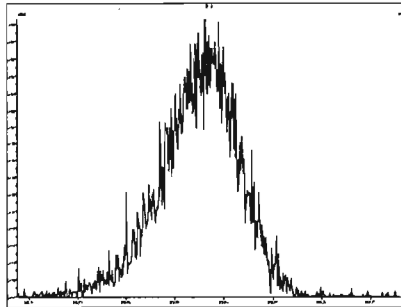
M 366.9792 R 11522



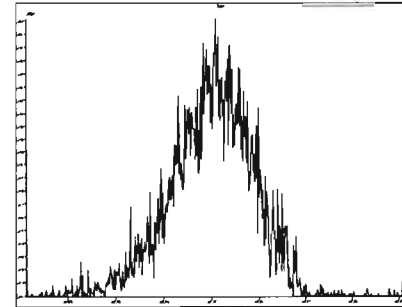
M 380.9760 R 11570



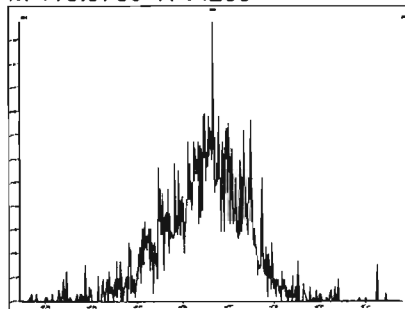
M 392.9760 R 12376



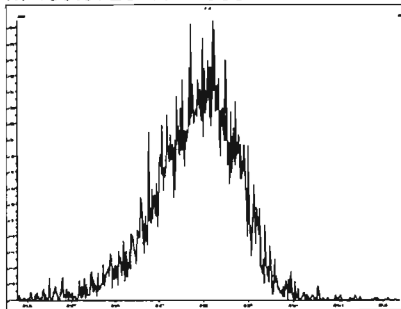
M 404.9760 R 11847



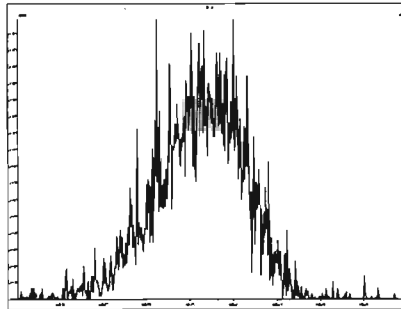
M 416.9760 R 14288



M 430.9728 R 11063



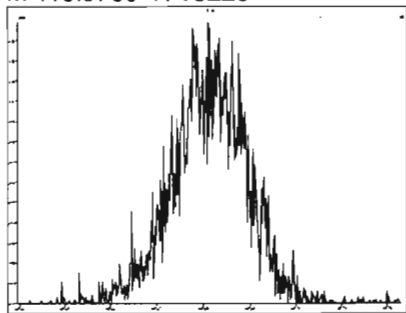
M 442.9728 R 11468



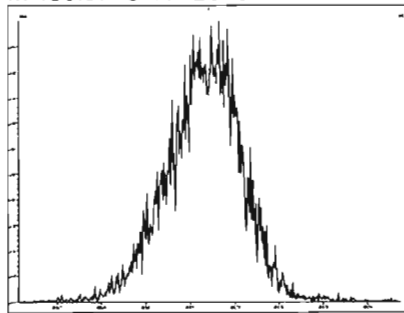
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Tuesday, September 29, 2020 14:52:28 Pacific Daylight Time

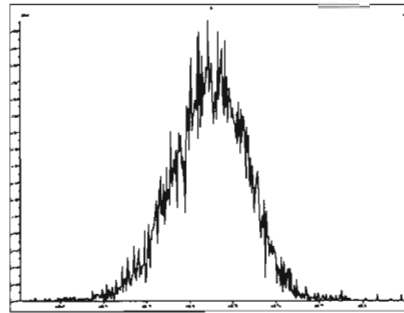
M 416.9760 R 13228



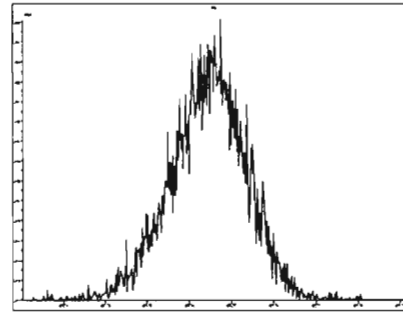
M 430.9728 R 12078



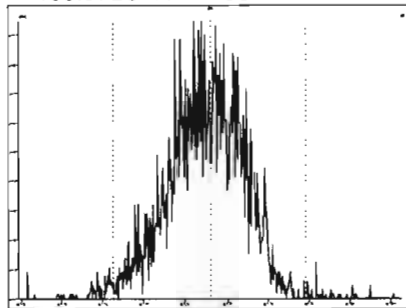
M 442.9728 R 12254



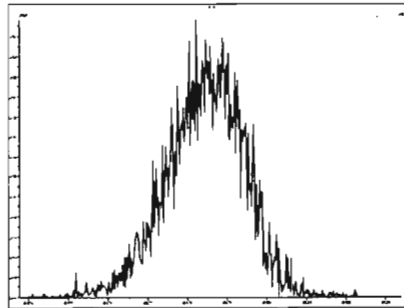
M 454.9728 R 12629



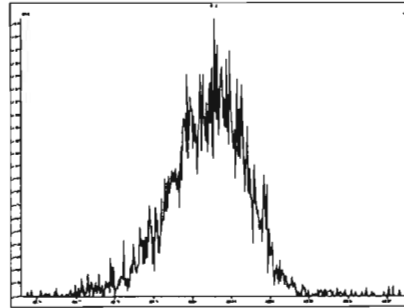
M 466.9728 R 14453



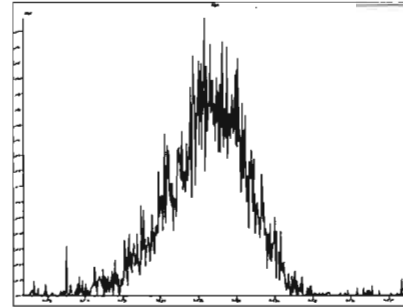
M 480.9696 R 13086



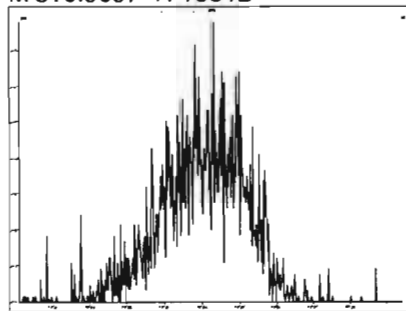
M 492.9696 R 12315



M 504.9696 R 11627



M 516.9697 R 13512



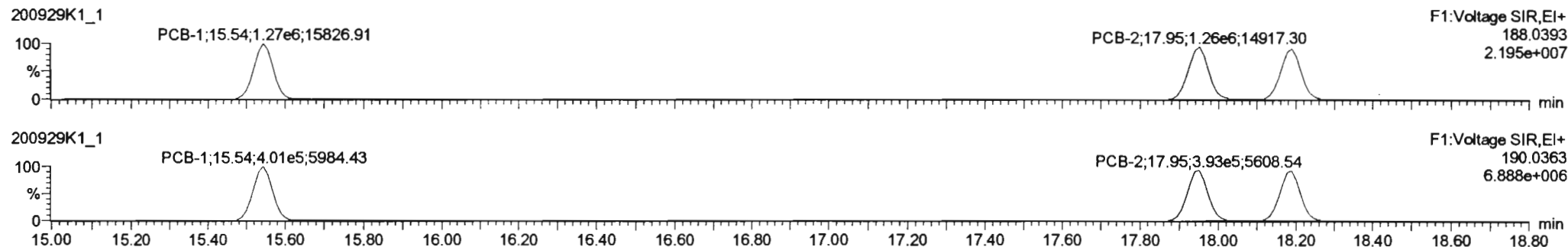
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Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

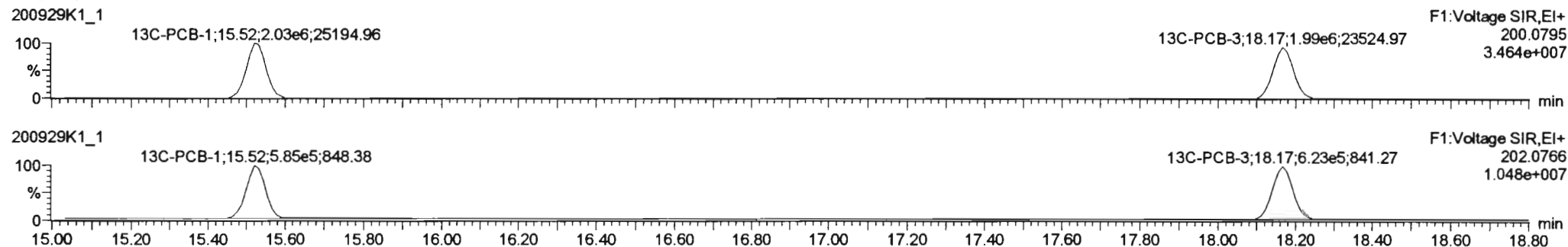
Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

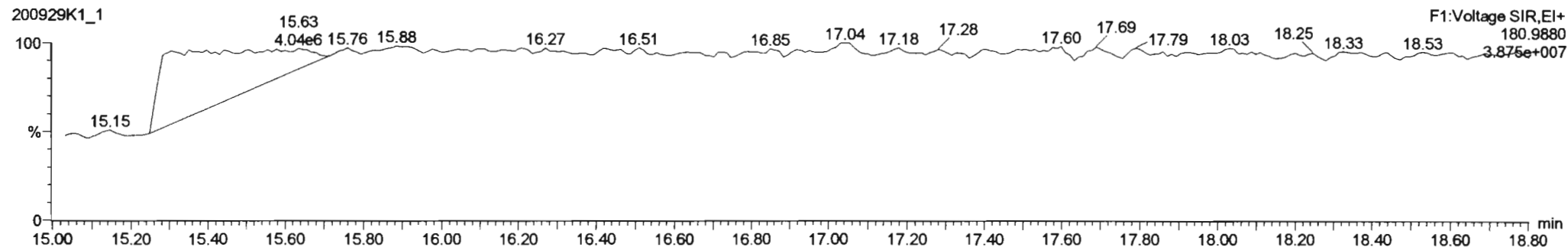
PCB-1



13C-PCB-1



PFK1



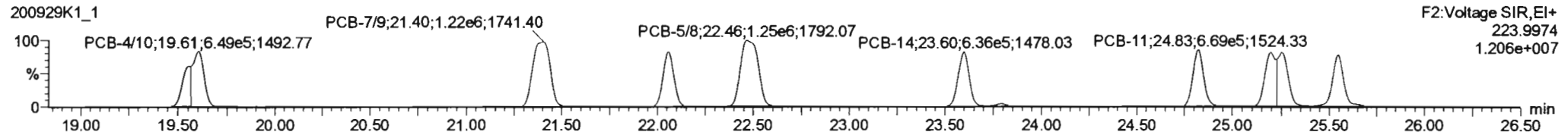
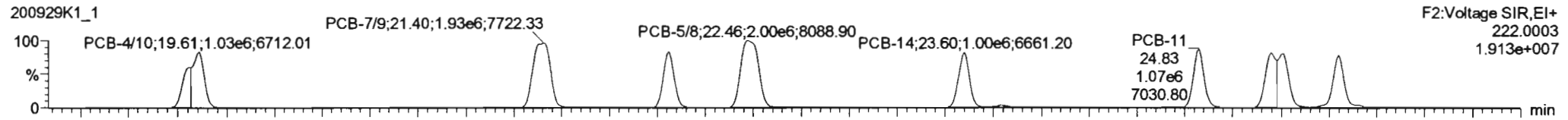
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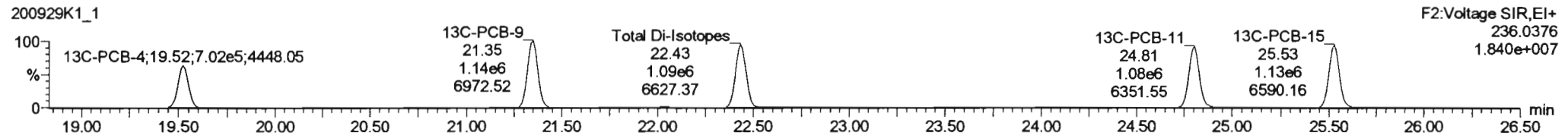
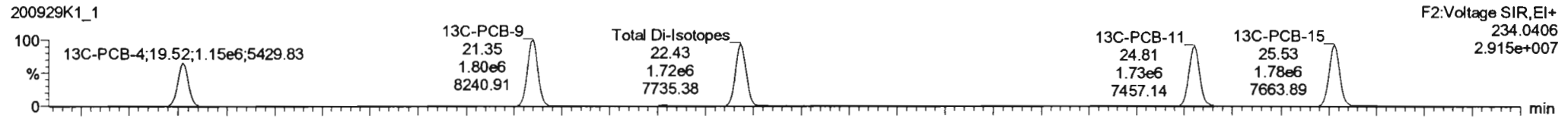
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

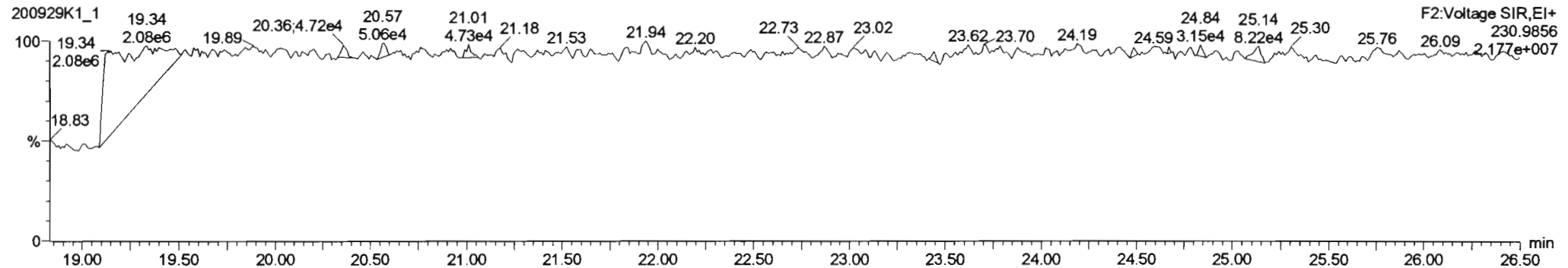
PCB-4/10

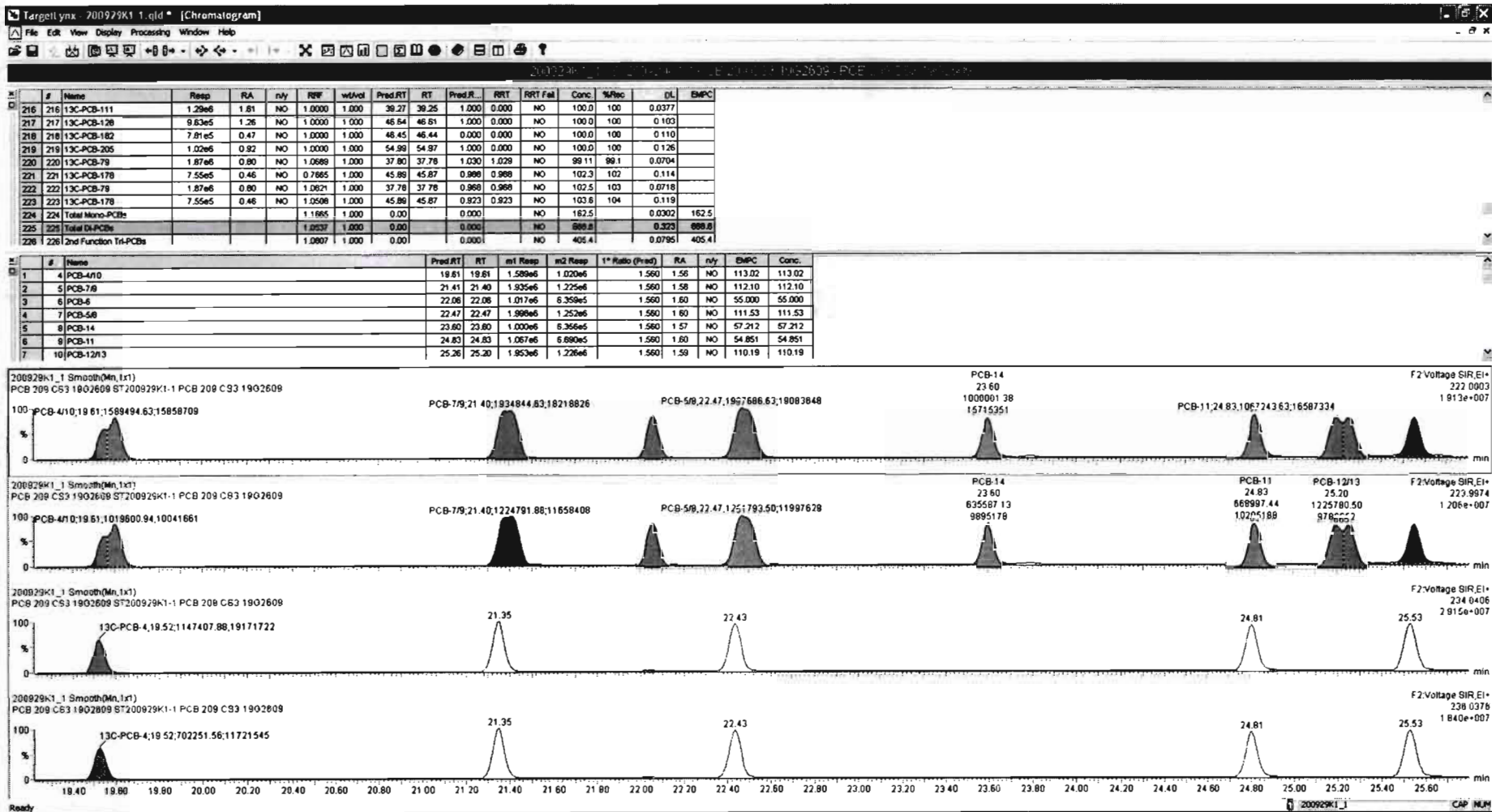


13C-PCB-4



PFK2a



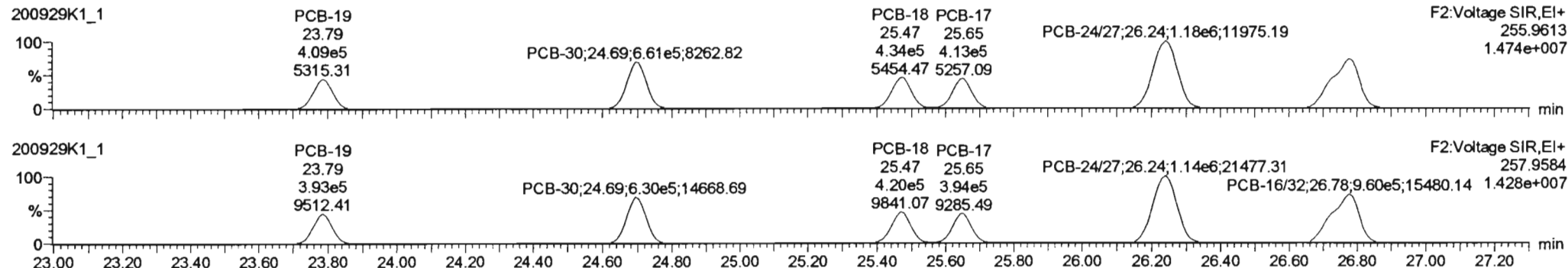


Dataset: Untitled

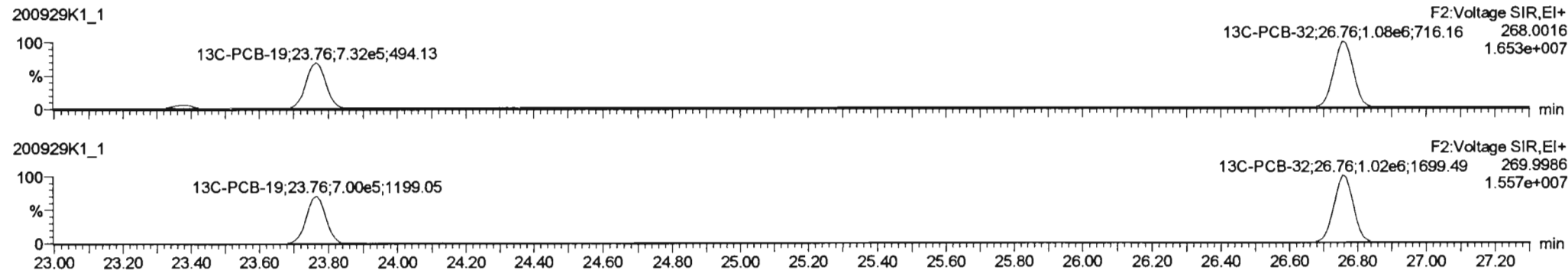
Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

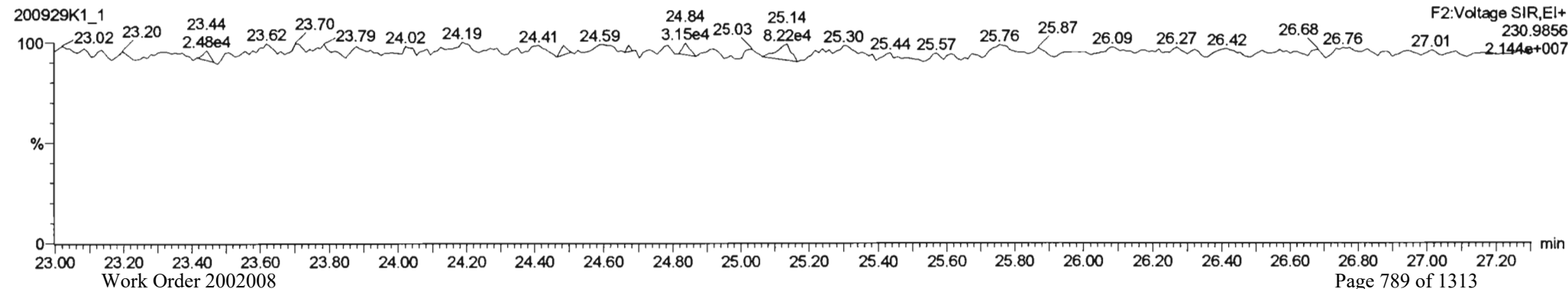
PCB-19



13C-PCB-19



PFK2b



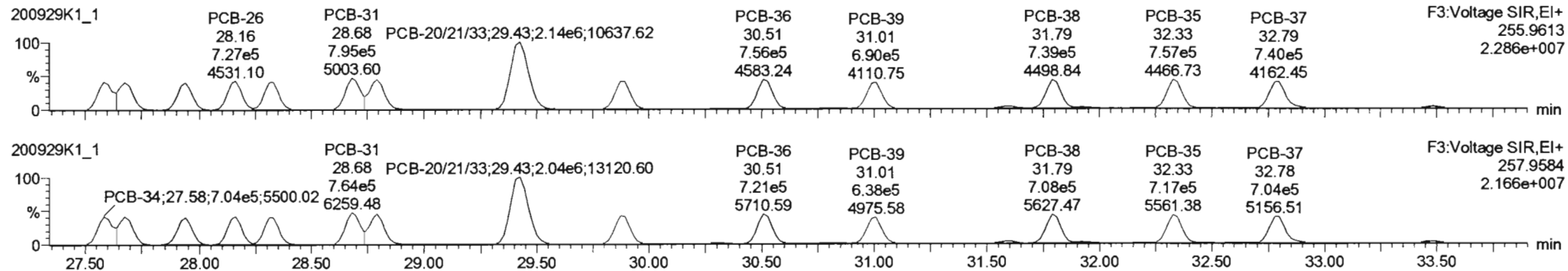
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Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time

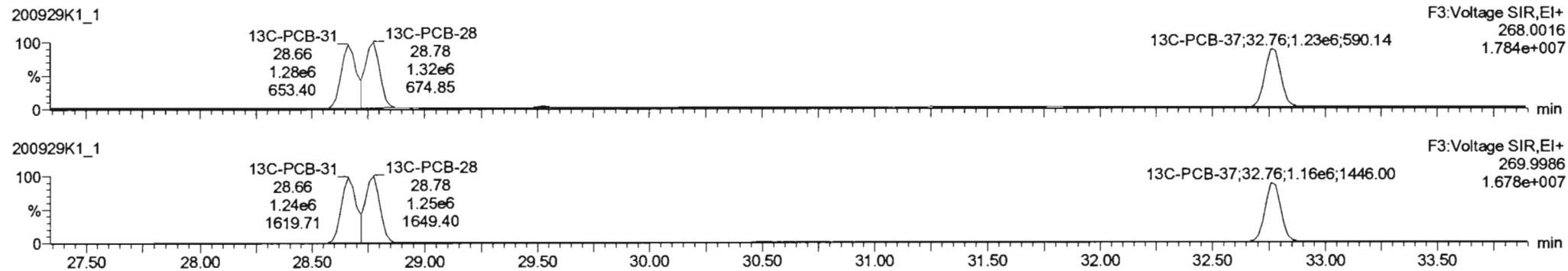
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

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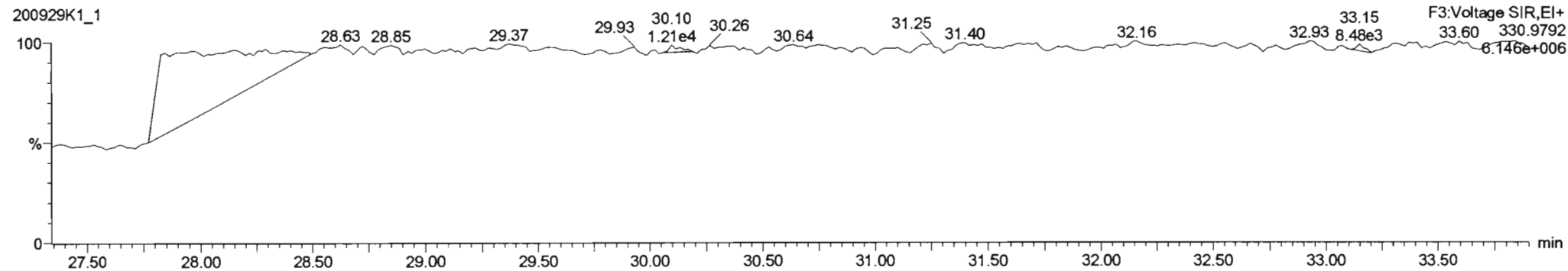
PCB-34



13C-PCB-28

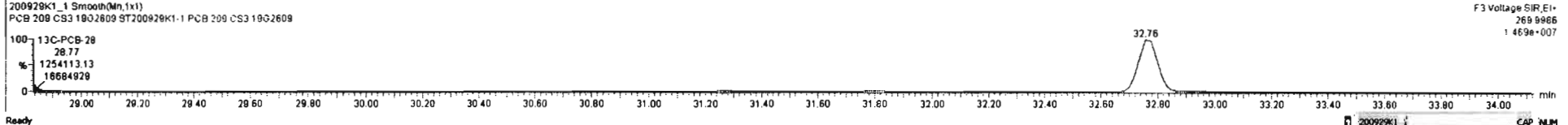
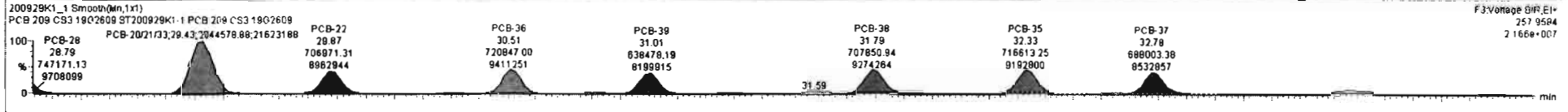
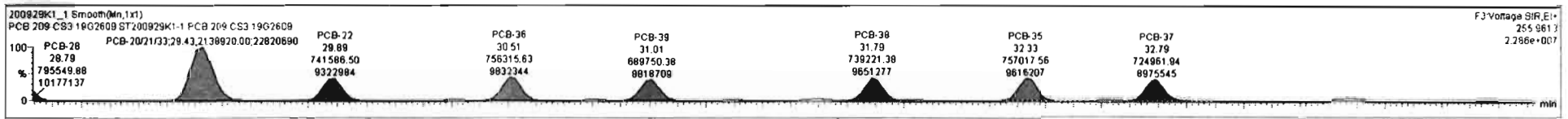


PFK3d



#	#	Name	Resp	RA	n/y	RfV	wtVol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227	3rd Function Tri-PCBs				0.9829	1.000	0.00		0.000		NO	923.9		0.333	923.9
228	228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2143		0.731	2143
229	229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2010		0.510	2010
230	230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	289.1		0.174	289.1
231	231	3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	659.0		0.101	659.0
232	232	4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1476		1.25	1476
233	233	Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1233		1.18	1233
234	234	4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	427.4		0.350	427.4
235	235	5th Function Octa-PCBs				1.1499	1.000	0.00		0.000		NO	162.7		0.246	162.7
236	236	Total Nona-PCBs				0.9523	1.000	0.00		0.000		NO	156.4		0.245	156.4
237	237	Deca-CB				0.9864	1.000	0.00		0.000		NO	49.94		0.00679	49.94

#	#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	18	PCB-34	27.60	27.58	7.276e5	7.039e5	1.040	1.03	NO	58.851	58.851
2	19	PCB-23	27.70	27.86	6.626e5	6.291e5	1.040	1.05	NO	56.863	56.863
3	20	PCB-29	27.85	27.94	6.803e5	6.402e5	1.040	1.06	NO	57.490	57.490
4	21	PCB-26	28.16	28.16	7.267e5	6.686e5	1.040	1.08	NO	57.457	57.457
5	22	PCB-25	28.33	28.33	7.219e5	6.717e5	1.040	1.07	NO	57.026	57.026
6	23	PCB-31	28.69	28.68	7.948e5	7.645e5	1.040	1.04	NO	58.488	58.488
7	24	PCB-28	28.79	28.79	7.955e5	7.472e5	1.040	1.06	NO	58.503	58.503



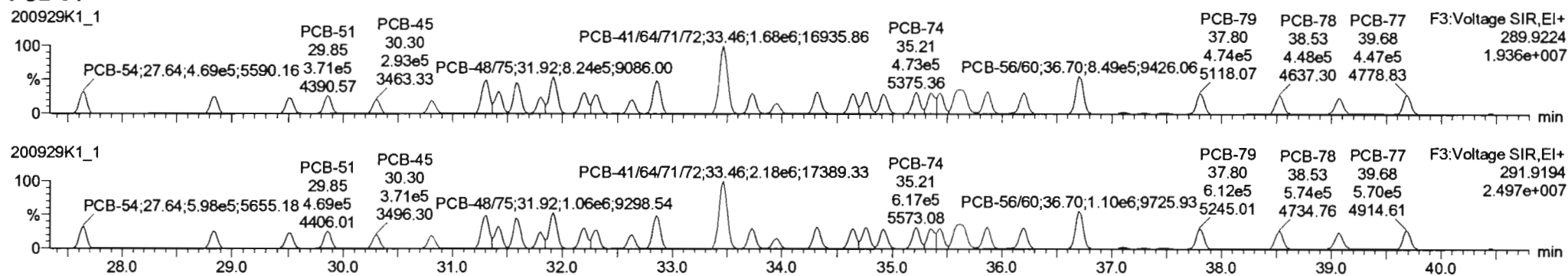
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Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time

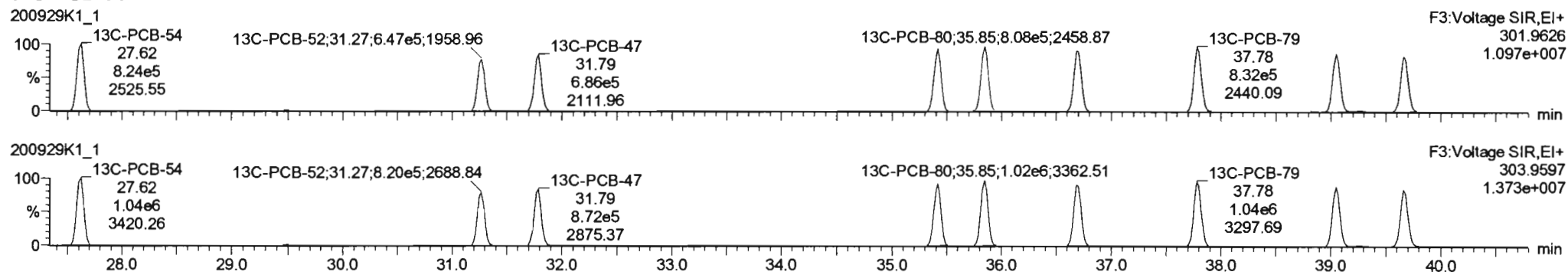
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

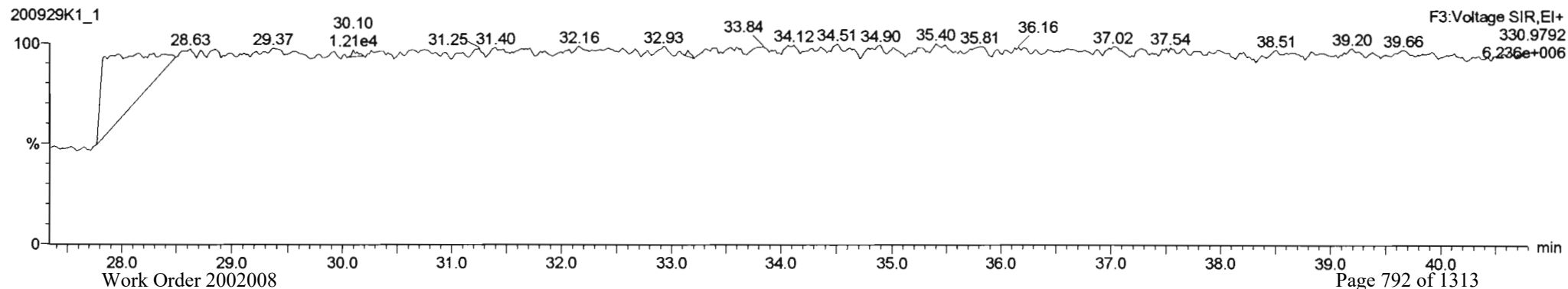
PCB-54



13C-PCB-54



PFK3a

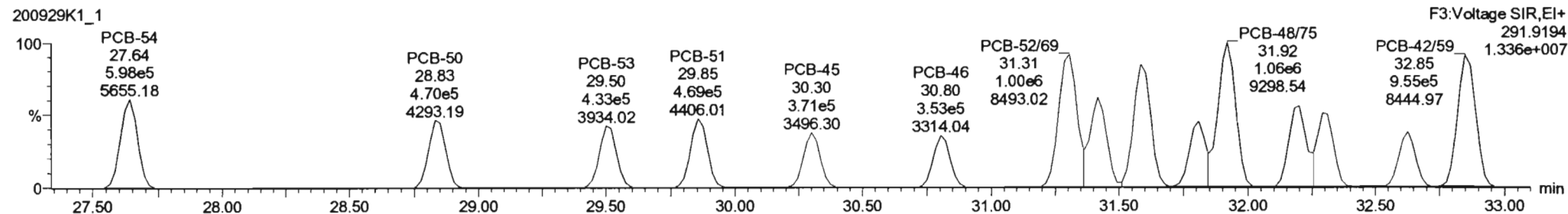
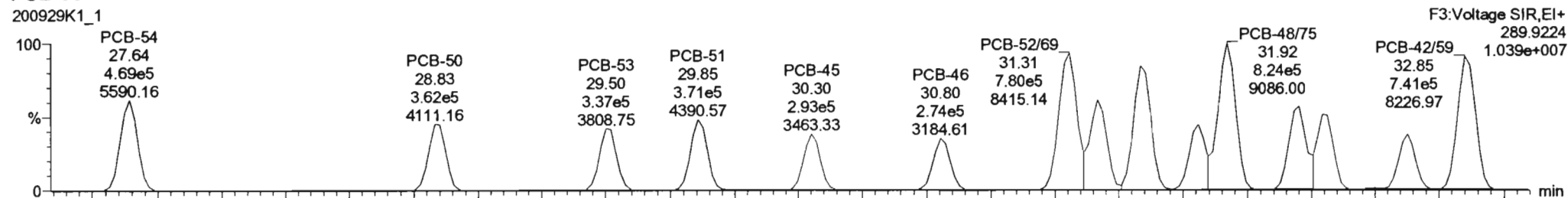


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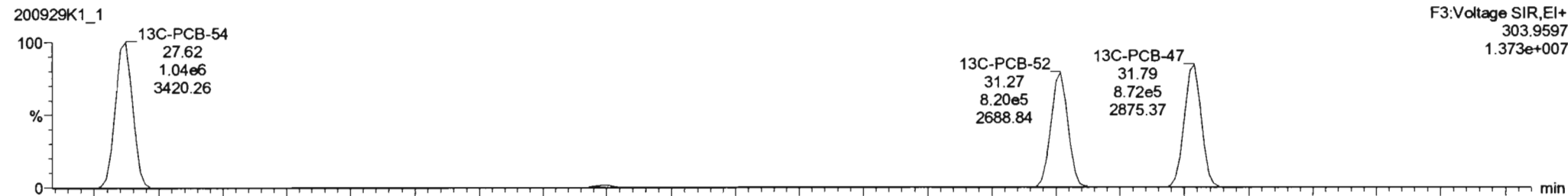
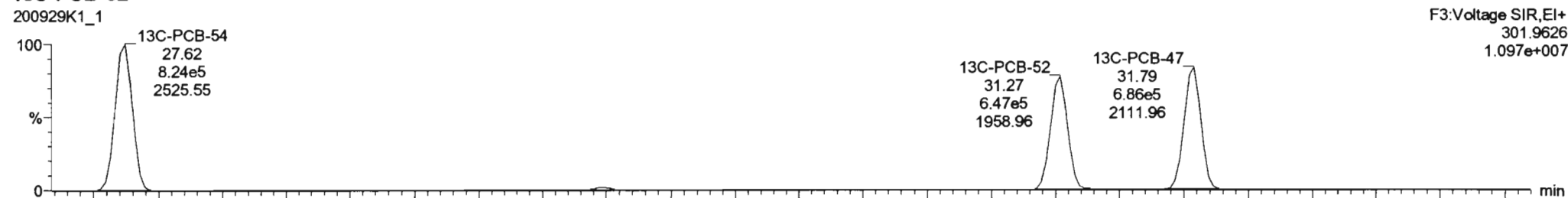
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Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-50



13C-PCB-52



Dataset: Untitled

Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time

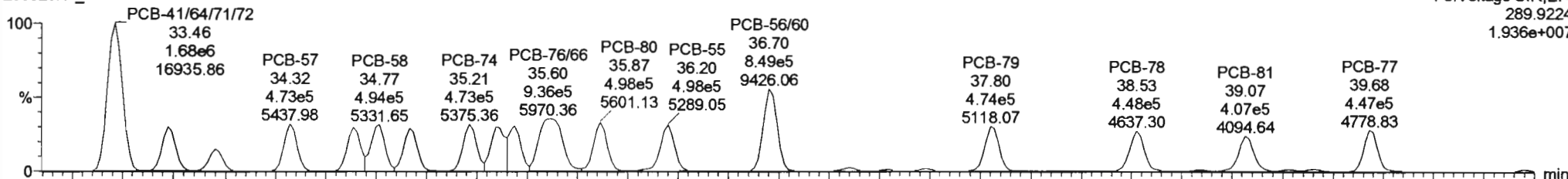
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-68

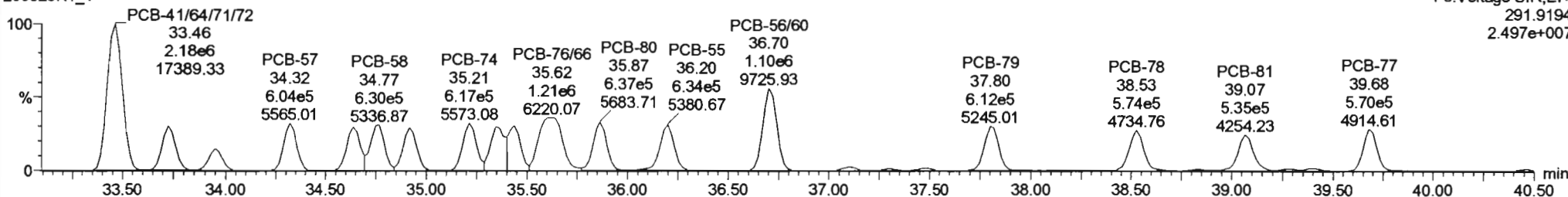
200929K1_1

F3:Voltage SIR,EI+
289.9224
1.936e+007



200929K1_1

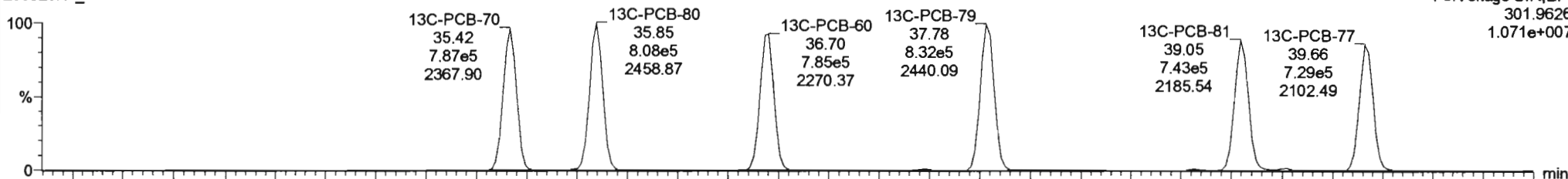
F3:Voltage SIR,EI+
291.9194
2.497e+007



13C-PCB-60

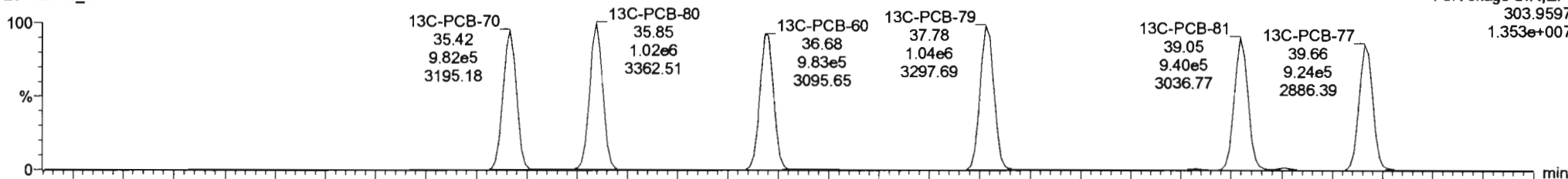
200929K1_1

F3:Voltage SIR,EI+
301.9626
1.071e+007



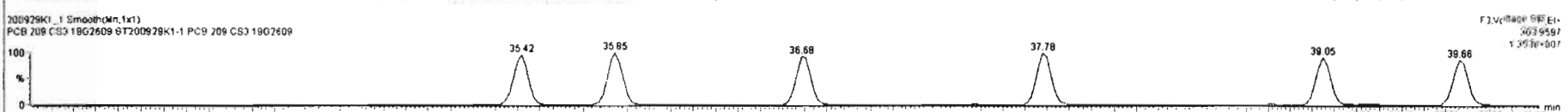
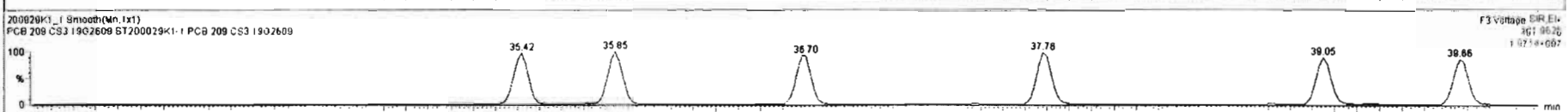
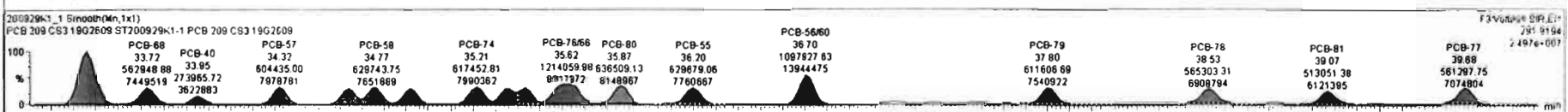
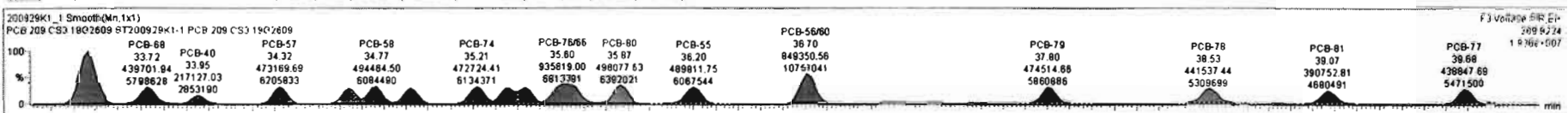
200929K1_1

F3:Voltage SIR,EI+
303.9597
1.353e+007



#	Name	Resp	RA	nly	RRF	wtAve	Pred.RT	RT	Pred.R...	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9826	1.000	0.00		0.000		NO	923.9	0.333	923.9	
228	228 Total Tetra-PCBs				1.0776	1.000	0.00		0.000		NO	2189	0.731	2188	
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2010	0.510	2010	
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	289.1	0.174	289.1	
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	659.0	0.101	659.0	
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1478	1.25	1478	
233	233 Total Hepta-PCBs				1.3561	1.000	0.00		0.000		NO	1233	1.18	1233	
234	234 4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	427.4	0.350	427.4	
235	235 5th Function Octa-PCBs				1.1499	1.000	0.00		0.000		NO	162.7	0.246	162.7	
236	236 Total Nona-PCBs				0.9523	1.000	0.00		0.000		NO	156.4	0.245	156.4	
237	237 Deca-CB				0.9864	1.000	0.00		0.000		NO	49.94	0.00679	49.94	

#	Name	Pred.RT	RT	int Resp	m2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.64	27.64	4.893e5	5.980e5	0.770	0.78	NO	52.980	52.980
2	33 PCB-50	28.84	28.83	3.622e5	4.696e5	0.770	0.77	NO	50.705	50.705
3	34 PCB-53	29.52	29.50	3.366e5	4.326e5	0.770	0.78	NO	52.624	52.624
4	35 PCB-51	29.88	29.85	3.707e5	4.685e5	0.770	0.79	NO	53.784	53.784
5	36 PCB-45	30.32	30.30	2.826e5	3.709e5	0.770	0.79	NO	52.724	52.724
6	37 PCB-46	30.83	30.80	2.743e5	3.531e5	0.770	0.78	NO	51.502	51.502
7	38 PCB-52/89	31.31	31.31	7.802e5	1.003e6	0.770	0.78	NO	104.22	104.22

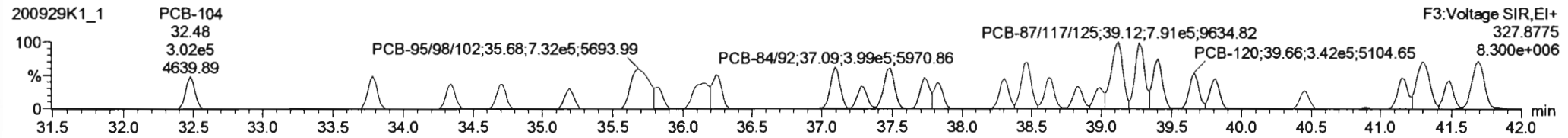
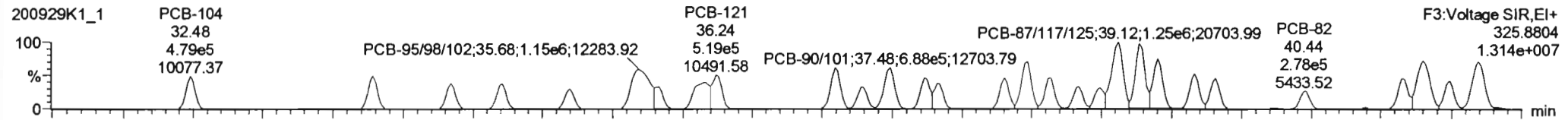


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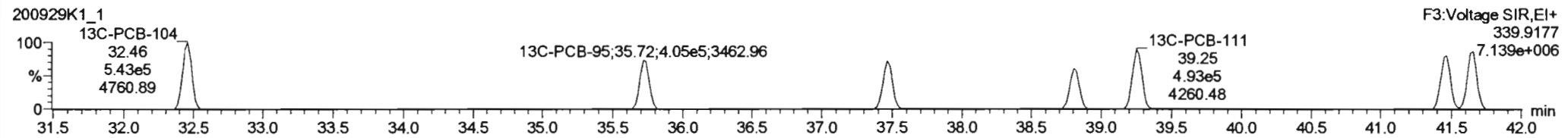
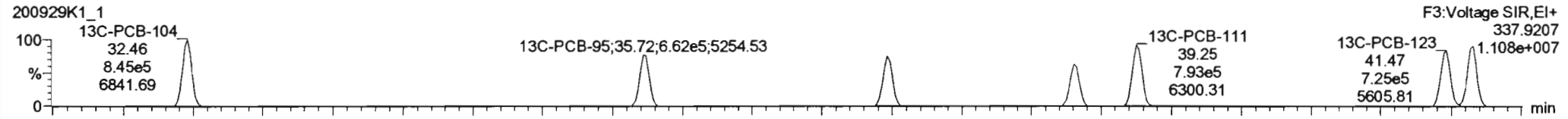
Last Altered: Tuesday, September 29, 2020 15:52:59 Pacific Daylight Time
Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

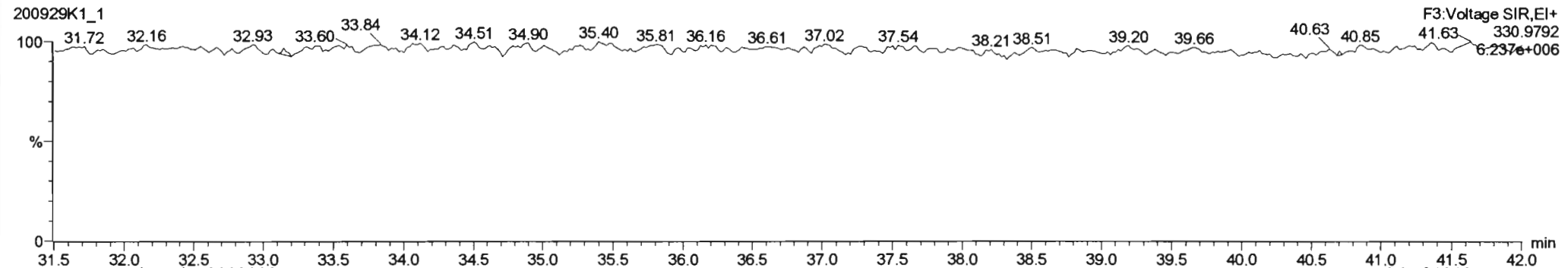
PCB-104



13C-PCB-104



PFK3b



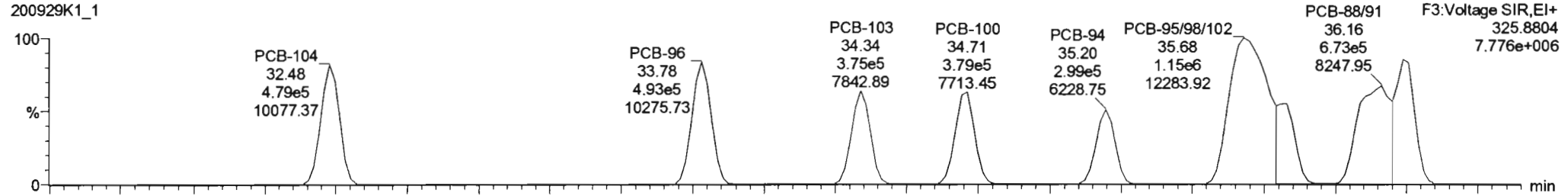
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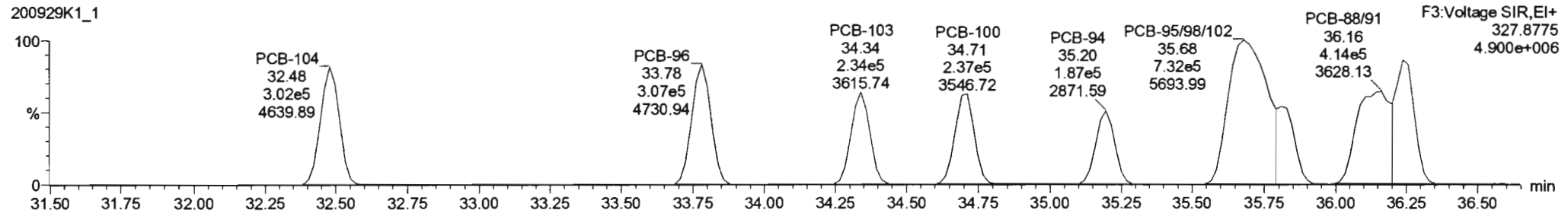
Name: 200929K1_1, Date: 29-Sep-2020, Time: 14:53:22, ID: ST200929K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-96

200929K1_1

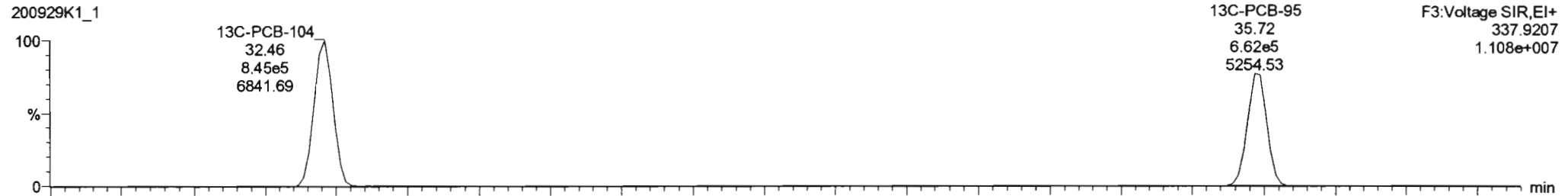


200929K1_1

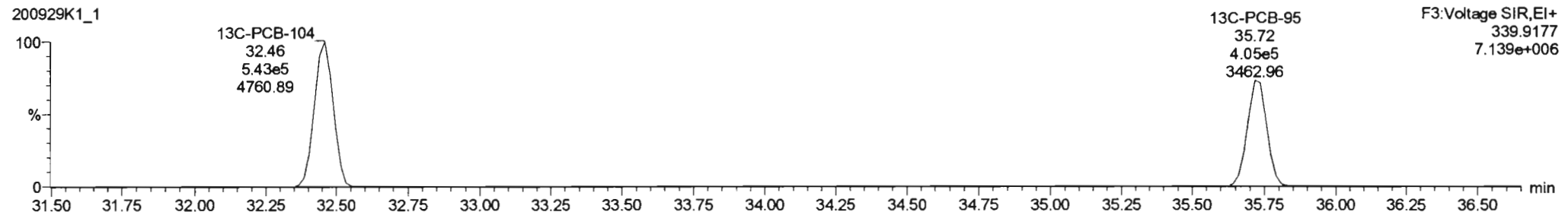


13C-PCB-95

200929K1_1



200929K1_1



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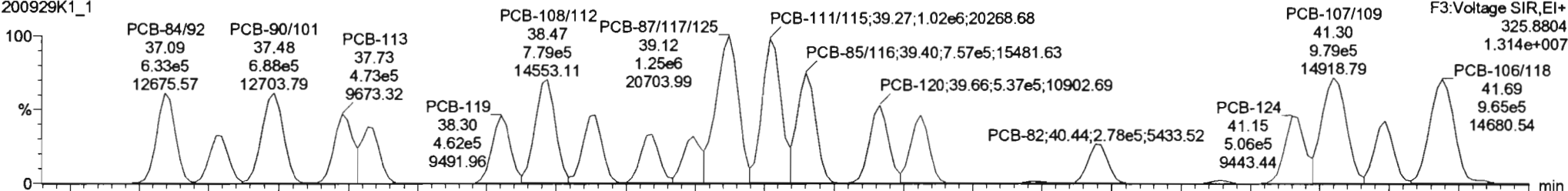
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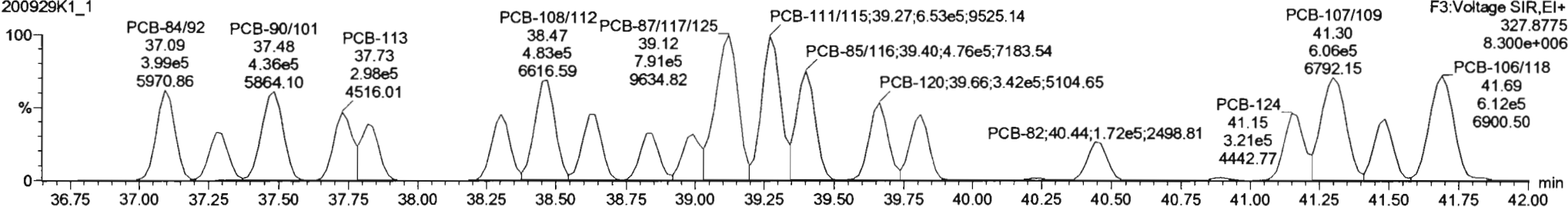
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PCB-119

200929K1_1

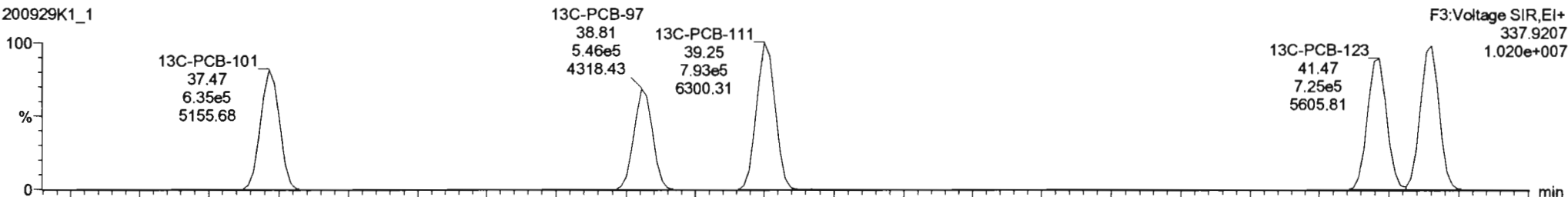


200929K1_1

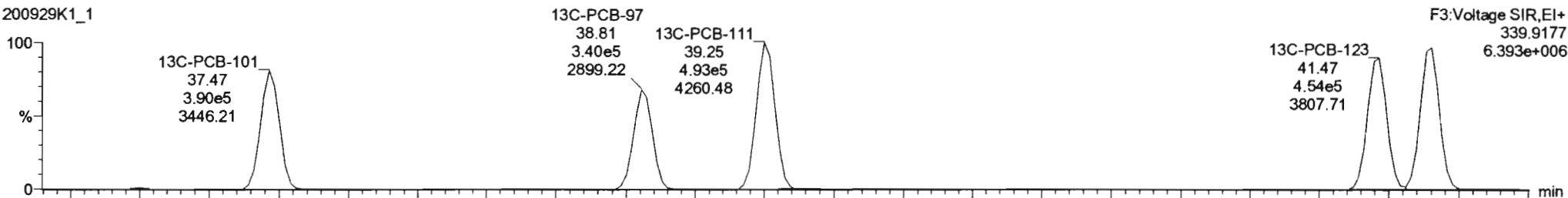


13C-PCB-111

200929K1_1

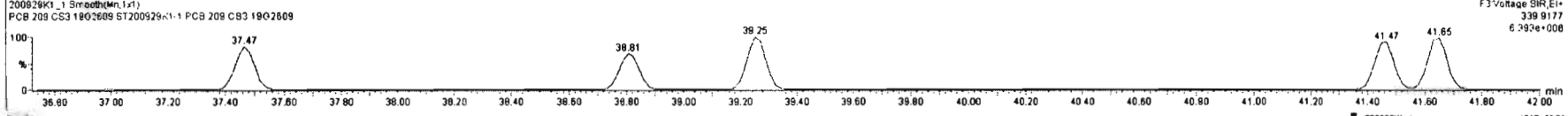
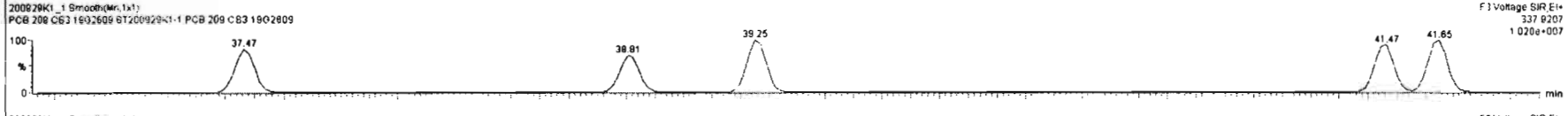
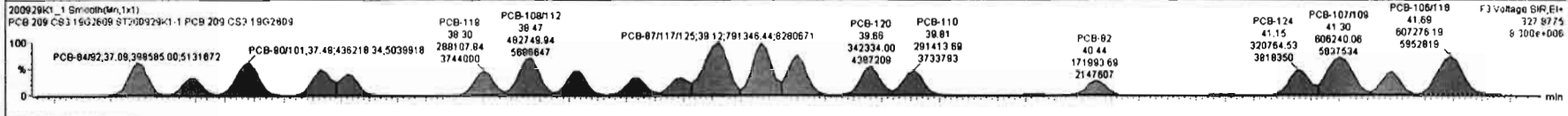
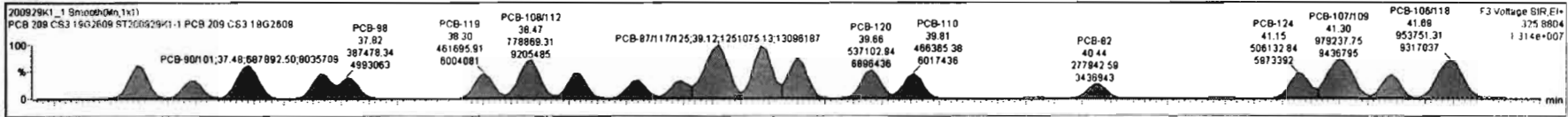


200929K1_1



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	923.9		0.333	923.9
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2196		0.731	2196
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2009		0.910	2009
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	289.1		0.174	289.1
231	231 3rd Function Hexa-PCBs				0.9595	1.000	0.00		0.000		NO	859.0		0.101	859.0
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1476		1.25	1476
233	233 Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1233		1.18	1233
234	234 4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	427.4		0.350	427.4
235	235 5th Function Octa-PCBs				1.1489	1.000	0.00		0.000		NO	162.7		0.248	162.7
236	236 Total Nona-PCBs				0.9523	1.000	0.00		0.000		NO	156.4		0.245	156.4
237	237 Deca-CB				0.9864	1.000	0.00		0.000		NO	49.94		0.00679	49.94

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.48	32.48	4.785e5	3.024e5	1.560	1.58	NO	50.145	50.145
2	65 PCB-96	33.80	33.78	4.532e5	3.074e5	1.560	1.60	NO	49.992	49.992
3	66 PCB-103	34.36	34.34	3.749e5	2.336e5	1.560	1.60	NO	46.821	46.821
4	67 PCB-100	34.72	34.71	3.792e5	2.367e5	1.560	1.60	NO	46.539	46.539
5	68 PCB-94	35.19	35.19	2.883e5	1.870e5	1.560	1.60	NO	48.034	48.034
6	69 PCB-95/98/102	35.67	35.68	1.154e6	7.315e5	1.560	1.58	NO	146.89	146.89
7	70 PCB-93	35.81	35.83	3.059e5	1.843e5	1.560	1.66	NO	48.121	49.121

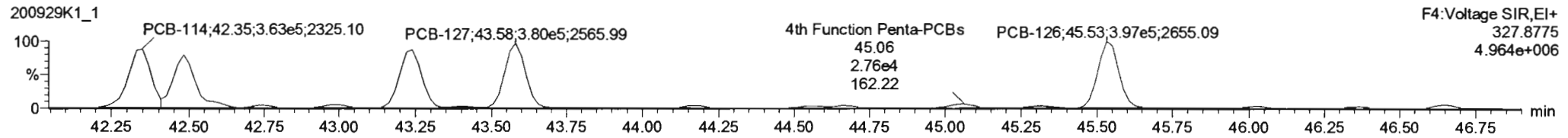
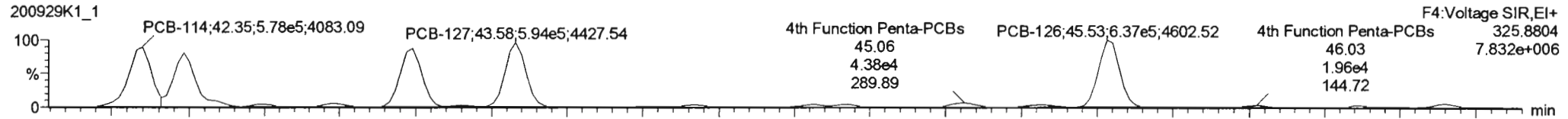


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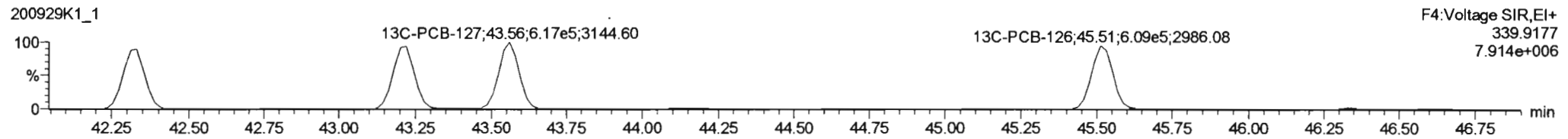
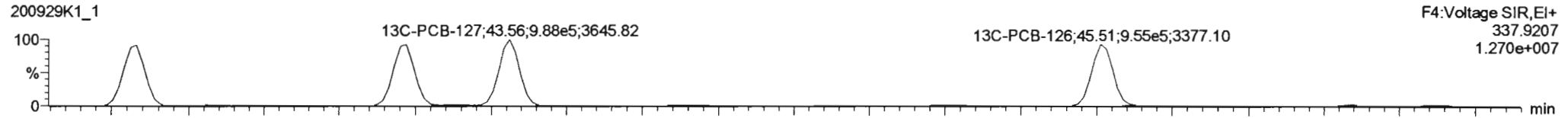
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Printed: Tuesday, September 29, 2020 15:54:38 Pacific Daylight Time

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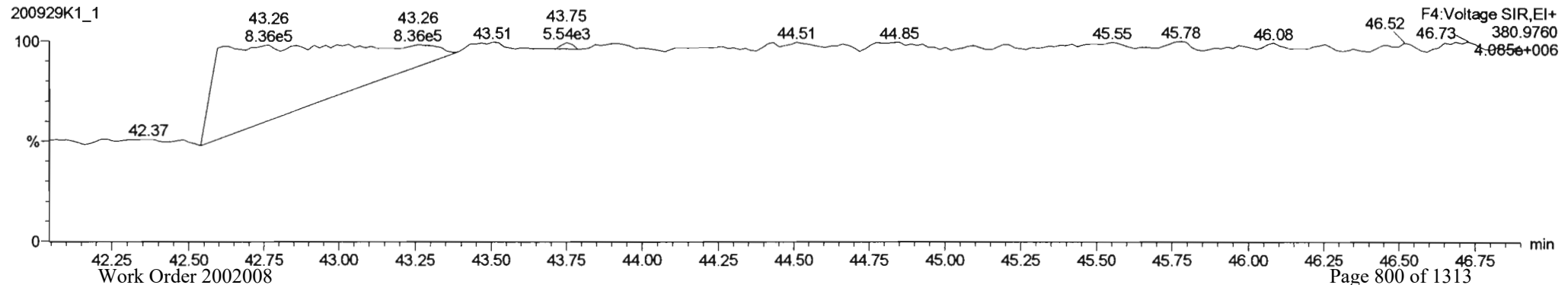
PCB-114



13C-PCB-114

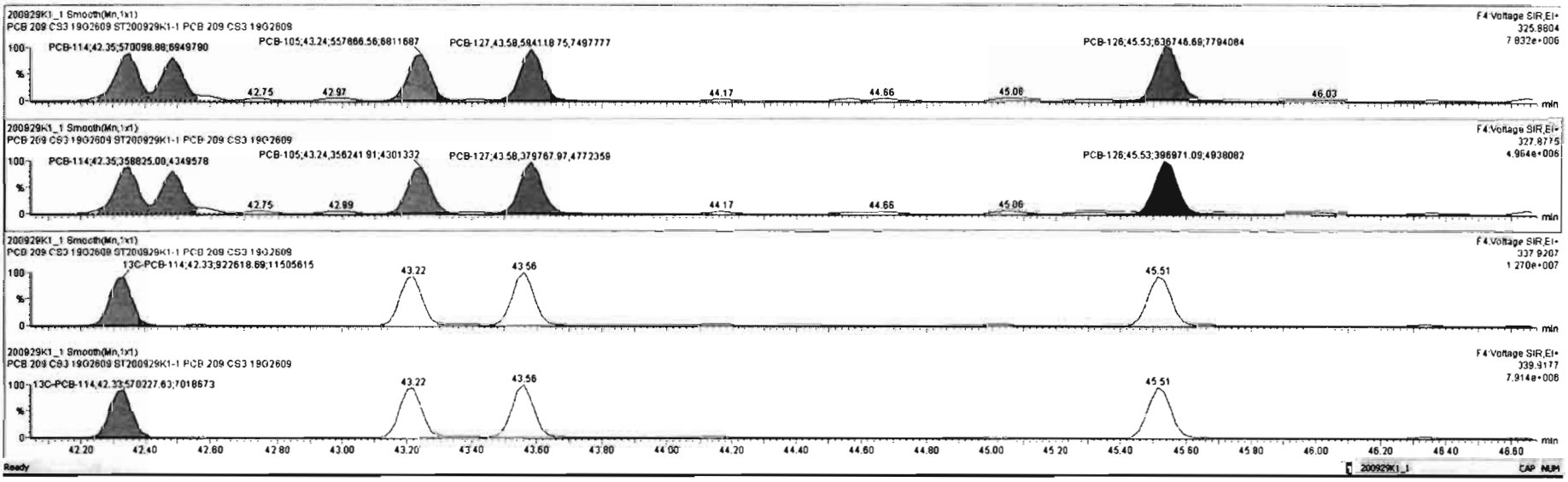


PFK4a



#	Name	Resp	RA	n/y	RRF	ml/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	DLPC
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	923.9		0.333	923.9
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2196		0.731	2196
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2009		0.510	2009
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	263.8		0.174	263.8
231	231 3rd Function Hexa-PCBs				0.9605	1.000	0.00		0.000		NO	659.0		0.101	659.0
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1476		1.25	1476
233	233 Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1233		1.18	1233
234	234 4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	427.4		0.250	427.4
235	235 5th Function Octa-PCBs				1.1490	1.000	0.00		0.000		NO	162.7		0.246	162.7
236	236 Total Nona-PCBs				0.9523	1.000	0.00		0.000		NO	156.4		0.245	156.4
237	237 Dece-CB				0.9854	1.000	0.00		0.000		NO	49.94		0.00679	49.94

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EWPC	Conc.
1	93 PCB-114	42.35	42.35	5.701e5	3.589e5	1.580	1.59	NO	54.528	54.528
2	94 PCB-122	42.50	42.48	5.101e5	3.181e5	1.560	1.60	NO	58.752	58.752
3	95 PCB-105	43.24	43.24	5.579e5	3.562e5	1.550	1.57	NO	56.584	56.584
4	96 PCB-127	43.58	43.58	5.941e5	3.798e5	1.580	1.56	NO	57.276	57.276
5	97 PCB-126	45.53	45.53	6.367e5	3.970e5	1.560	1.60	NO	56.400	56.400



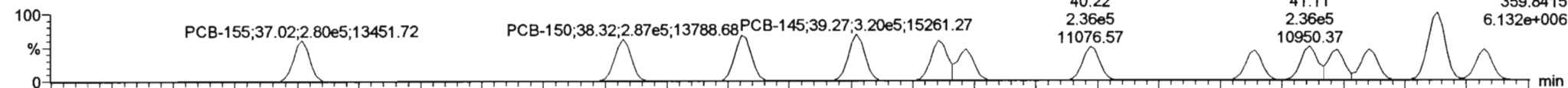
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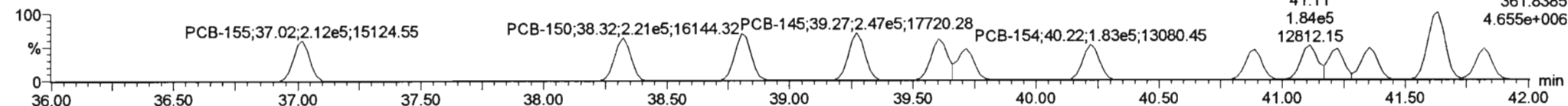
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PCB-155

200929K1_1

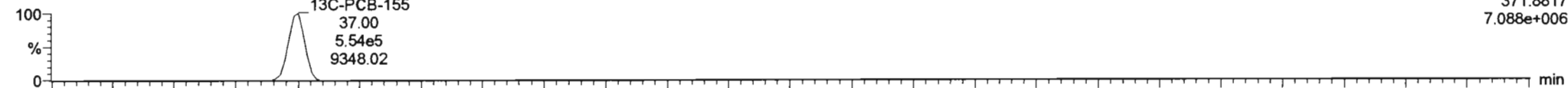


200929K1_1

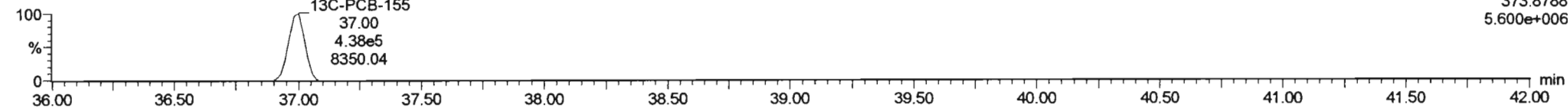


13C-PCB-155

200929K1_1

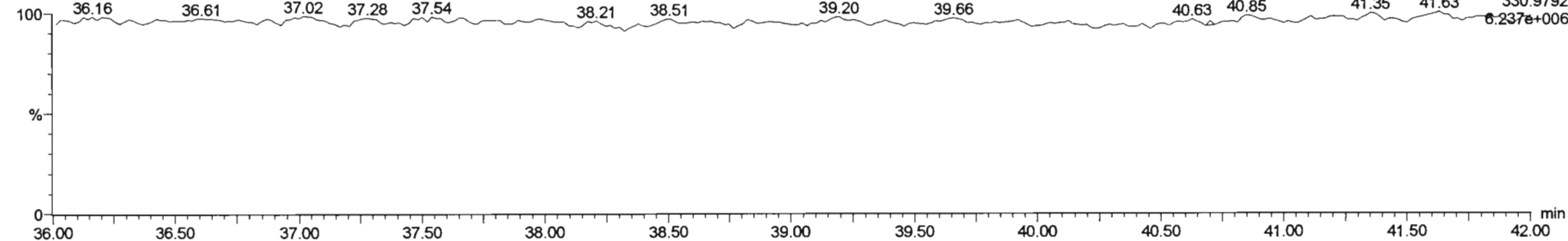


200929K1_1



PFK3c

200929K1_1



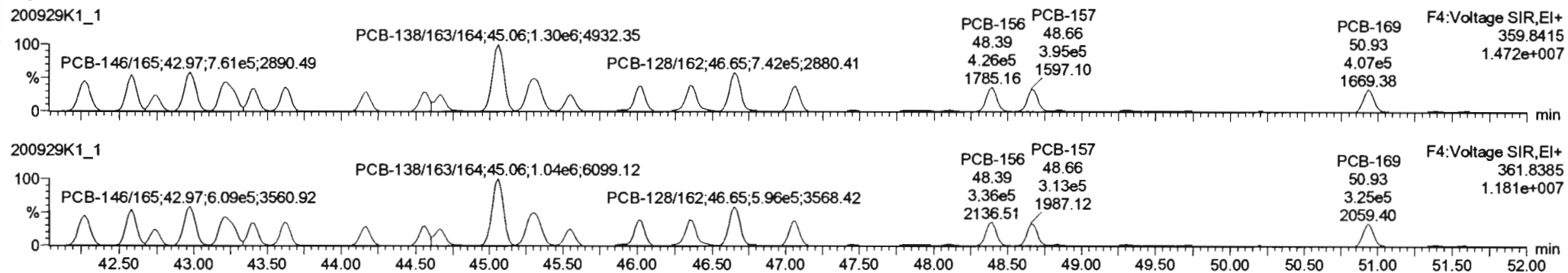
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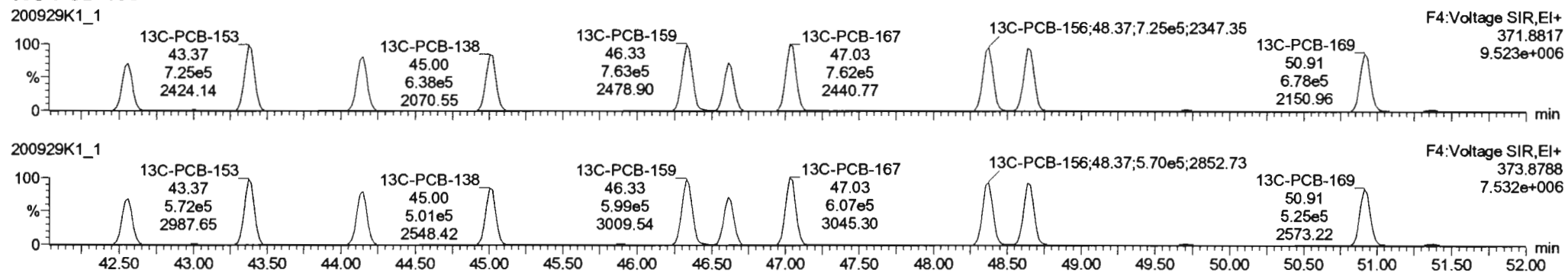
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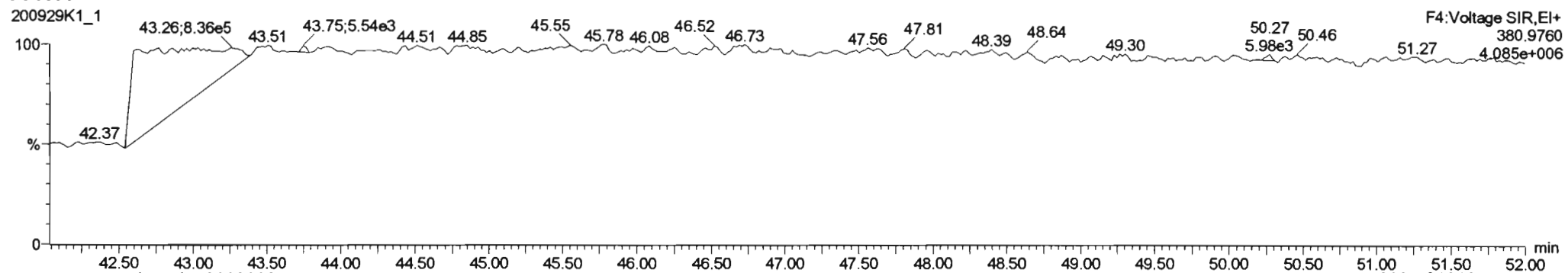
PCB-134/143



13C-PCB-153

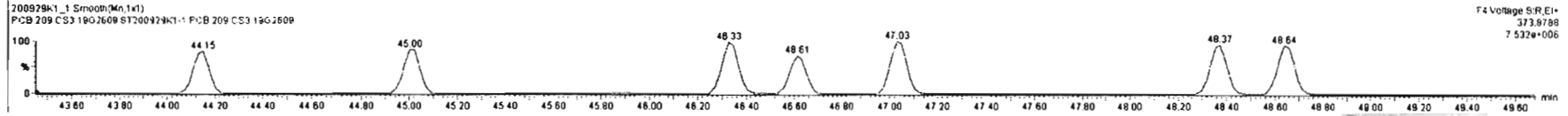
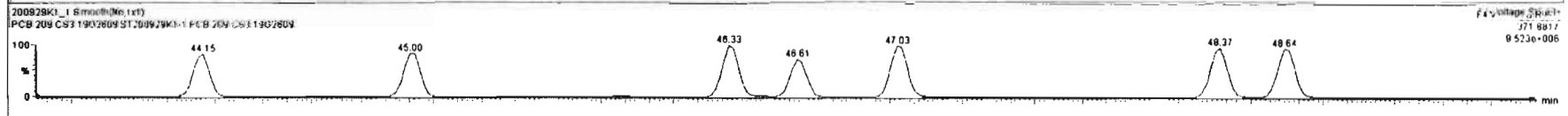
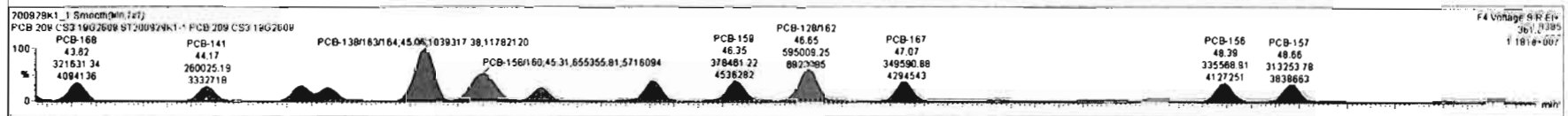
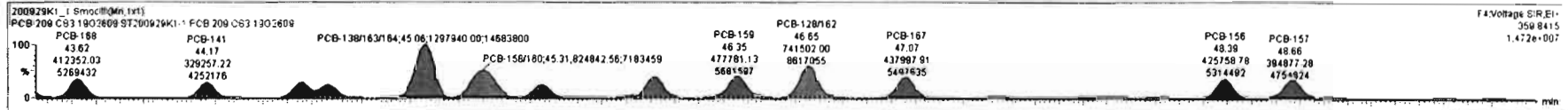


PFK4b



#	Name	Resp	RA	nly	RNF	wtVcl	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc	%Rec	DL	B MPC
227	227 3rd Function Tri-PCBs				0.9826	1.000	0.00		0.000		NO	923.9	0.333	923.9	
228	228 Total Tetra-PCBs				1.0776	1.000	0.00		0.000		NO	2196	0.731	2196	
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2009	0.510	2009	
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	283.5	0.174	283.5	
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	659.0	0.101	659.0	
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1470	1.32	1470	
233	233 Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1233	1.18	1233	
234	234 4th Function Octa-PCBs				1.0006	1.000	0.00		0.000		NO	427.4	0.350	427.4	
235	235 5th Function Octa-PCBs				1.1499	1.000	0.00		0.000		NO	162.7	0.246	162.7	
236	236 Total Nona-PCBs				0.9573	1.000	0.00		0.000		NO	156.4	0.245	156.4	
237	237 Deca-CB				0.9864	1.000	0.00		0.000		NO	49.94	0.00679	49.94	

#	Name	Pred_RT	RT	nt Resp	n2 Resp	1* Ratio (Pred)	RA	nly	B MPC	Conc
1	111 PCB-134/143	42.26	42.27	5.819e5	4.653e5	1.240	1.25	NO	106.38	106.38
2	112 PCB-131/133	42.57	42.58	8.236e5	5.012e5	1.240	1.24	NO	105.86	105.86
3	113 PCB-142	42.72	42.73	2.754e5	2.185e5	1.240	1.26	NO	50.491	50.491
4	114 PCB-146/165	42.95	42.97	7.815e5	6.092e5	1.240	1.25	NO	103.85	103.85
5	115 PCB-132/161	43.20	43.20	7.682e5	6.061e5	1.240	1.26	NO	103.31	103.31
6	116 PCB-153	43.38	43.41	3.984e5	3.184e5	1.240	1.25	NO	51.479	51.479
7	117 PCB-168	43.62	43.62	4.124e5	3.216e5	1.240	1.26	NO	52.533	52.533



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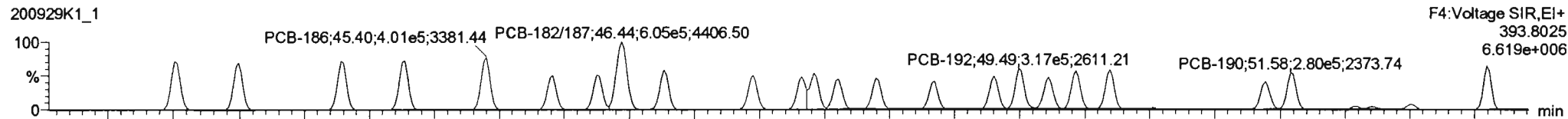
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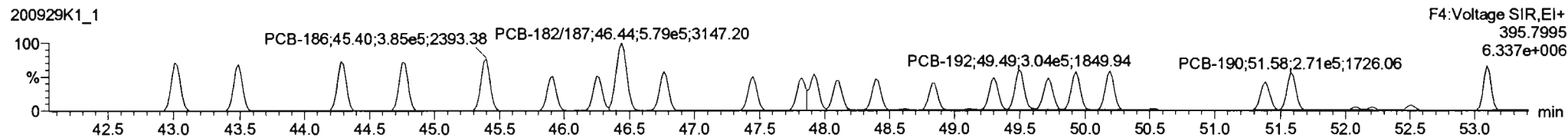
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PCB-188

200929K1_1

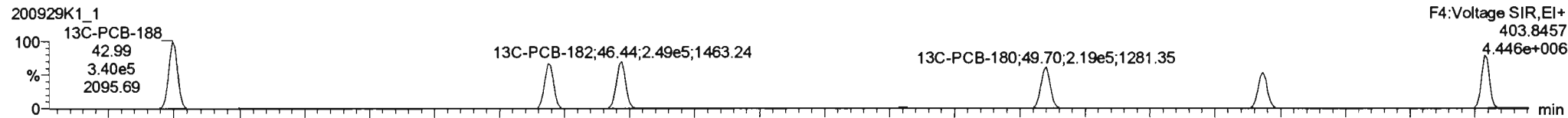


200929K1_1

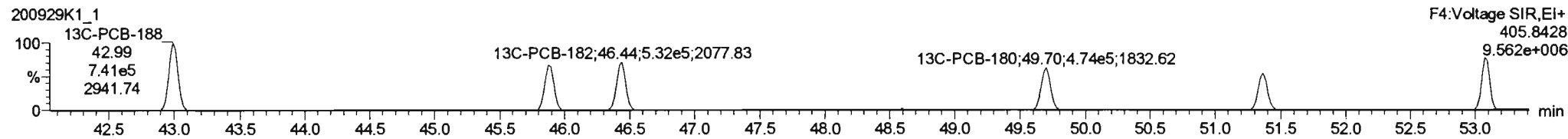


13C-PCB-188

200929K1_1

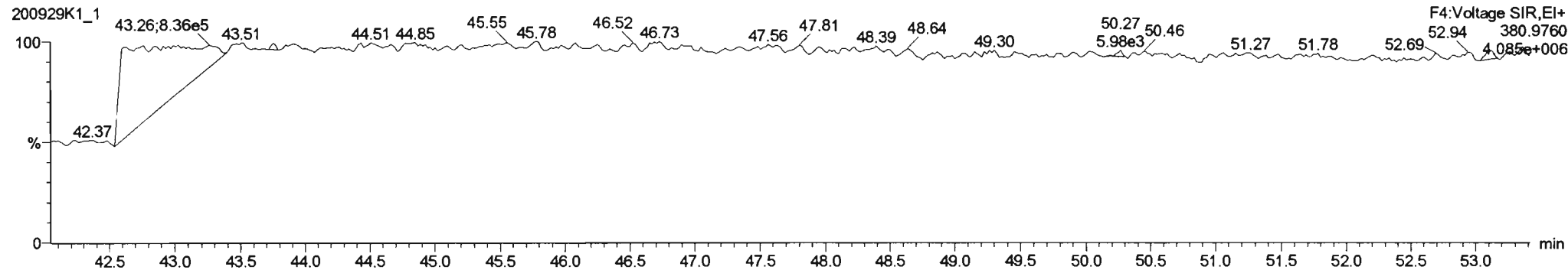


200929K1_1



PFK4c

200929K1_1



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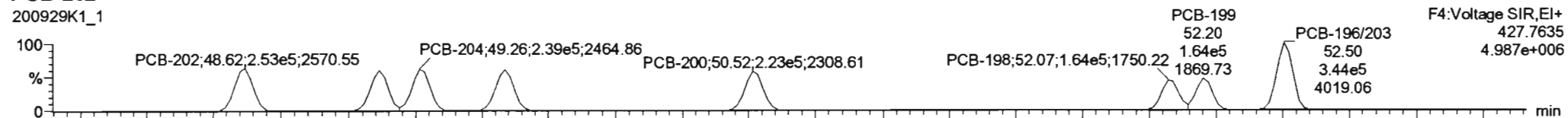
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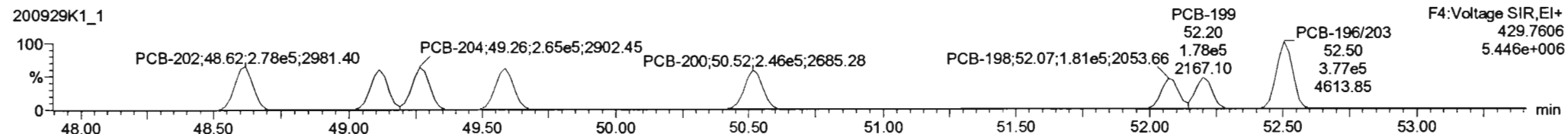
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PCB-202

200929K1_1

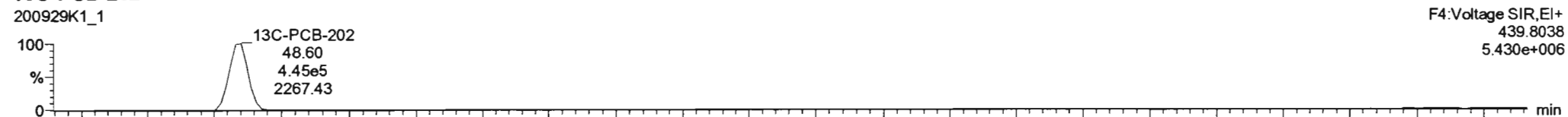


200929K1_1

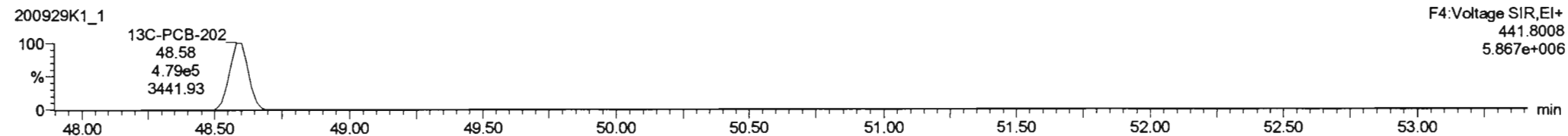


13C-PCB-202

200929K1_1

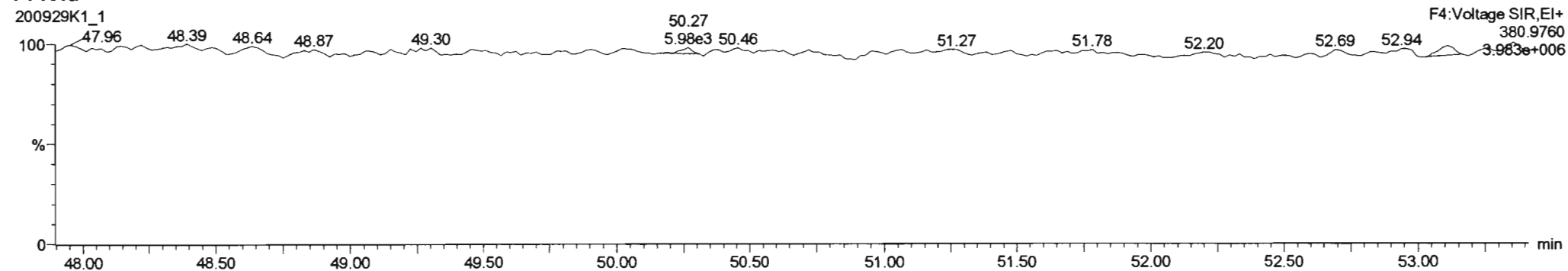


200929K1_1



PFK4d

200929K1_1



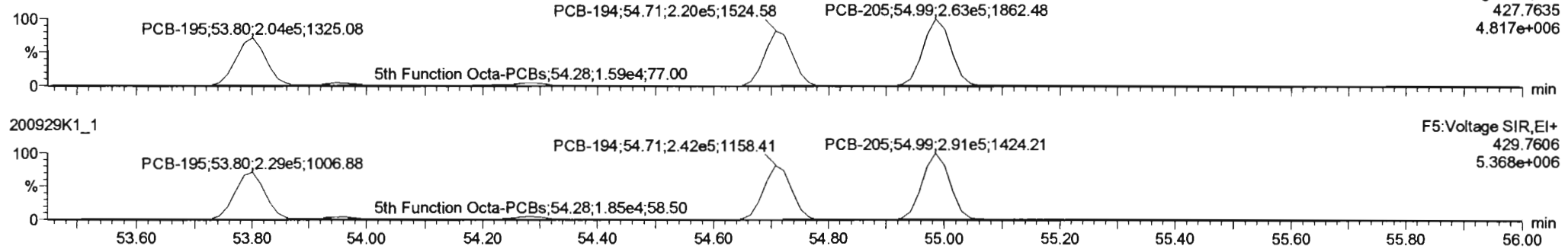
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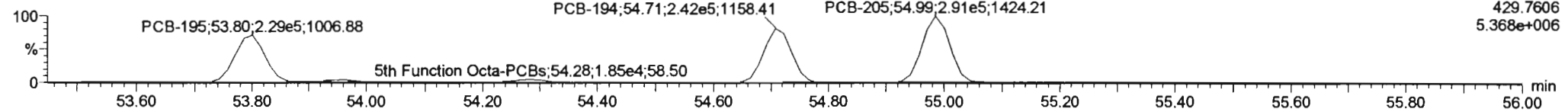
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PCB-195

200929K1_1

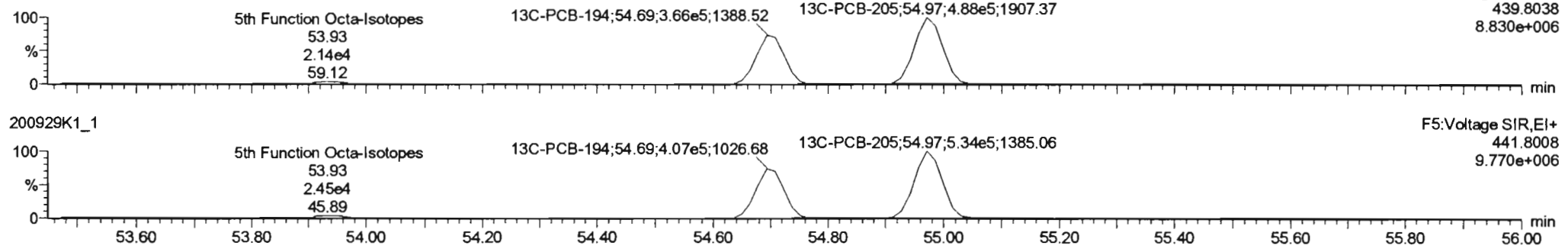


200929K1_1

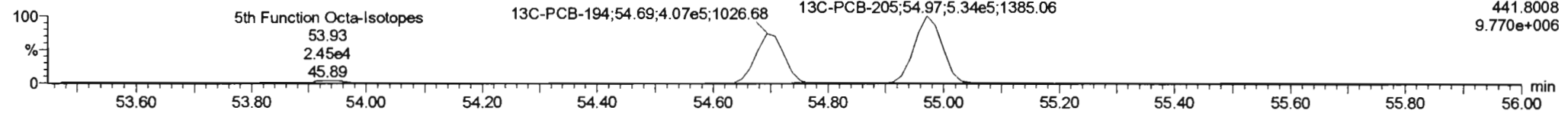


13C-PCB-194

200929K1_1

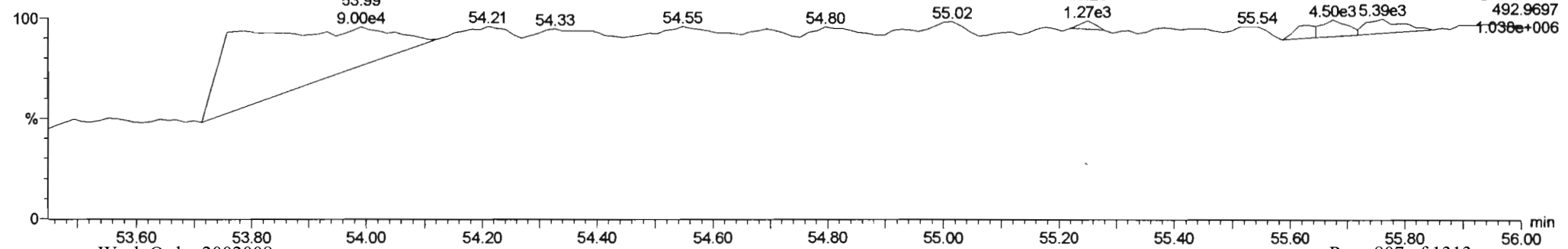


200929K1_1



PFK5a

200929K1_1



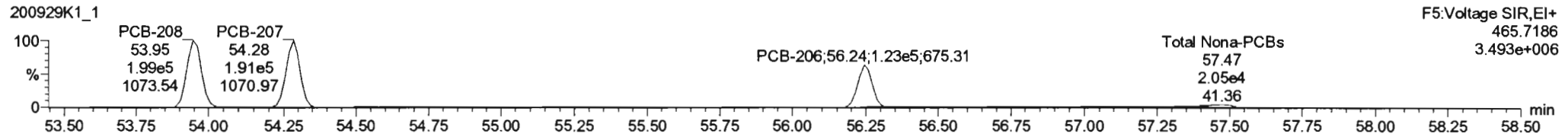
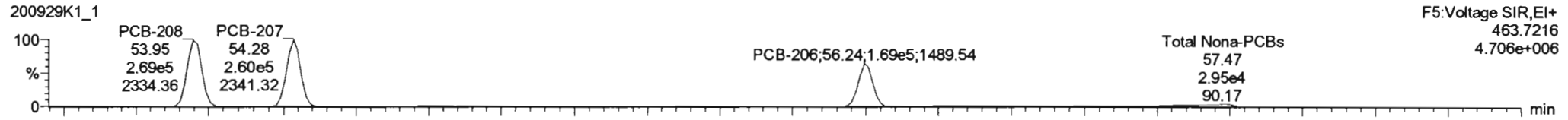
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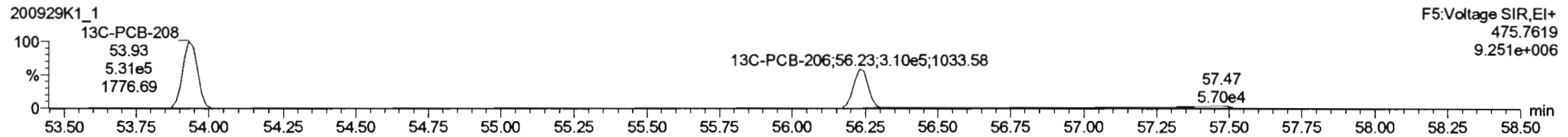
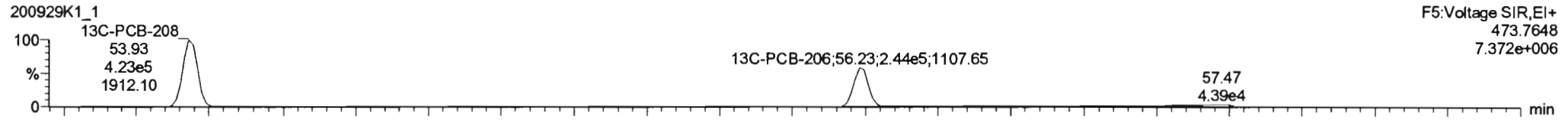
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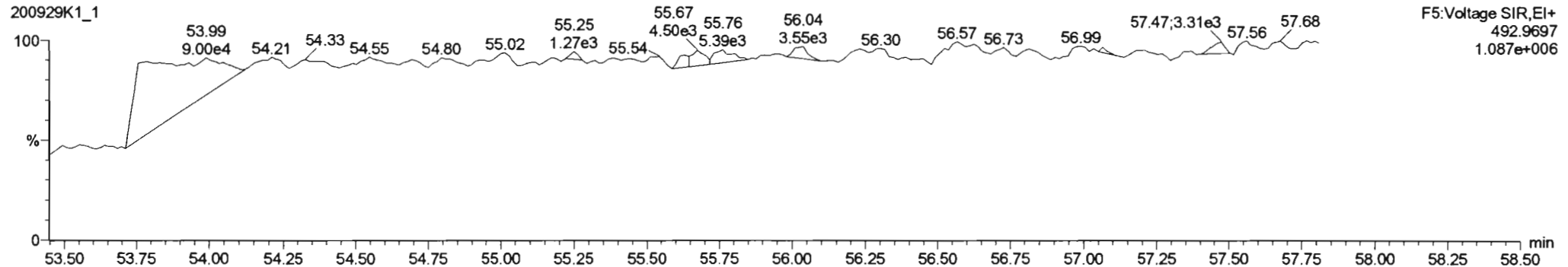
PCB-208



13C-PCB-208



PFK5



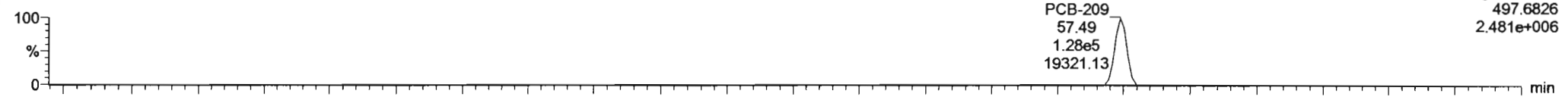
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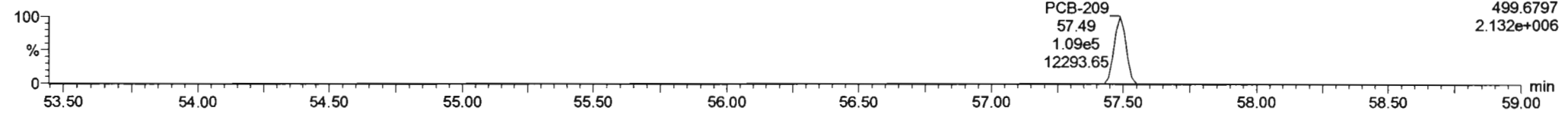
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PCB-209

200929K1_1

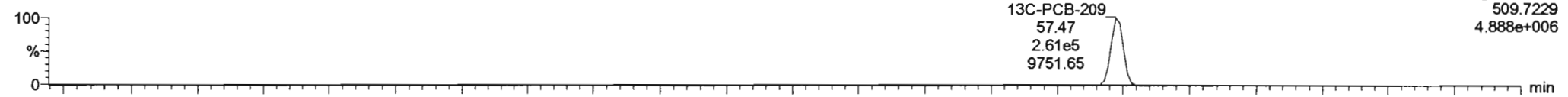


200929K1_1

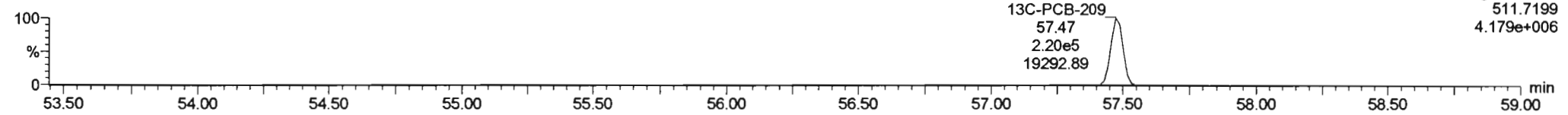


13C-PCB-209

200929K1_1

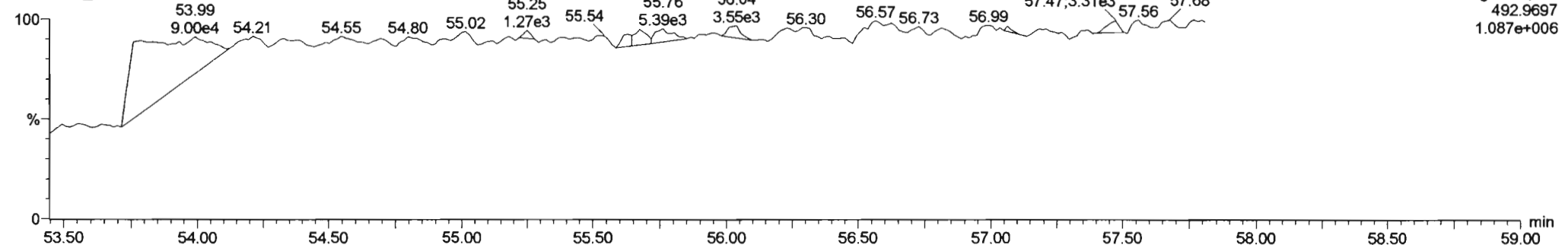


200929K1_1

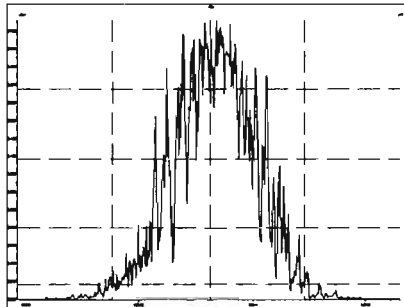


PFK5b

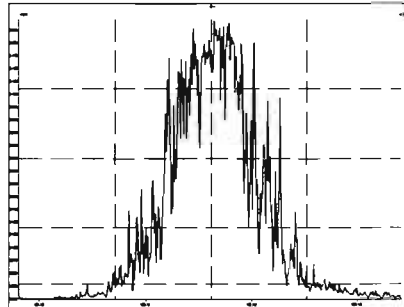
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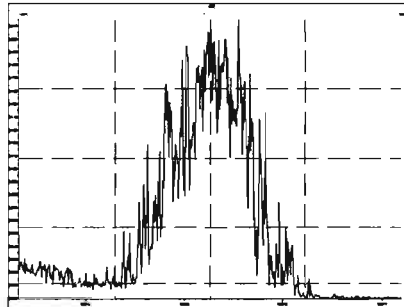
M 168.9888 R 11968



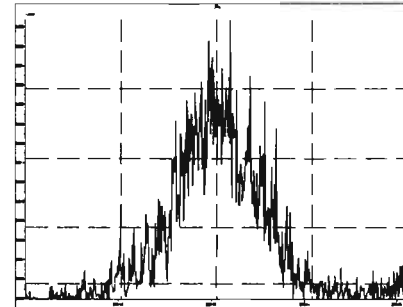
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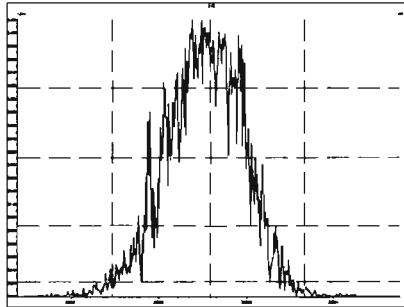
M 192.9888 R 12659



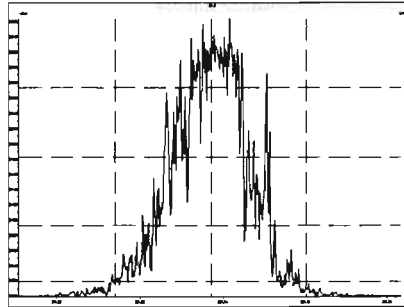
M 204.9888 R 11978



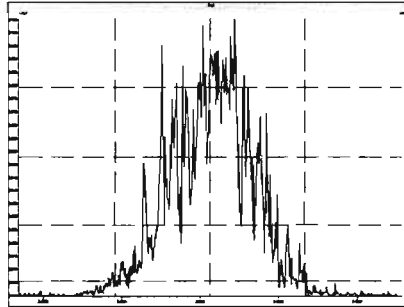
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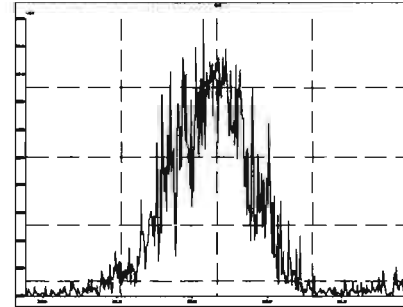
M 230.9856 R 12490



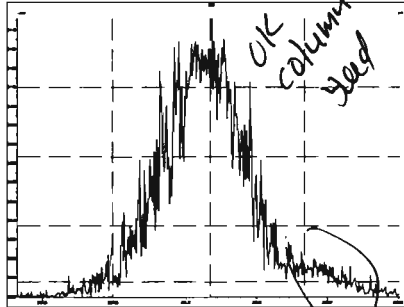
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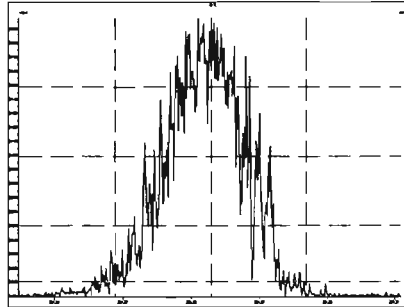
M 254.9856 R 12497



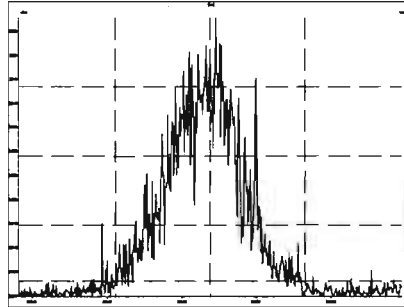
M 268.9824 R 8684



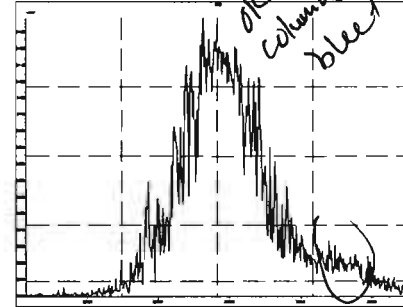
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M 254.9856 R 11397

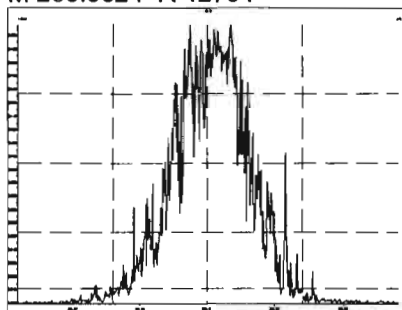


M 268.9824 R 8482

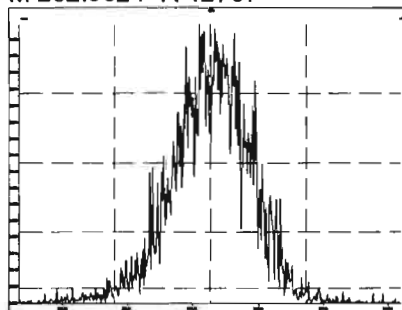


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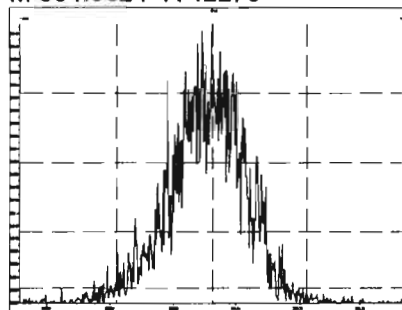
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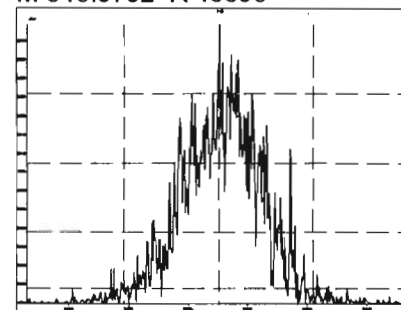
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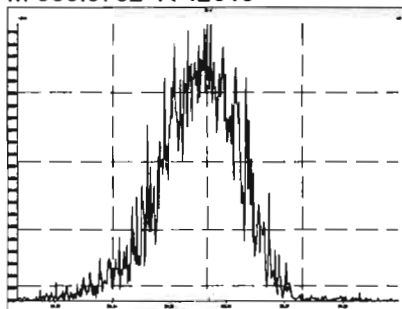
M 304.9824 R 12278



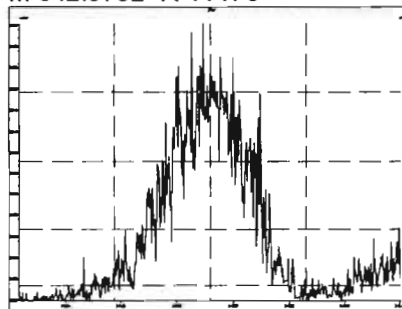
M 318.9792 R 13398



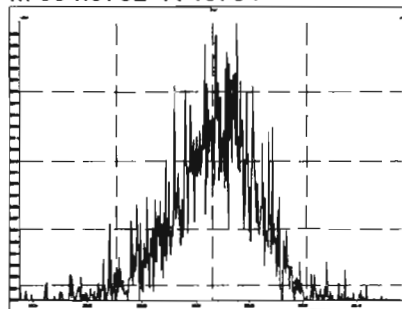
M 330.9792 R 12019



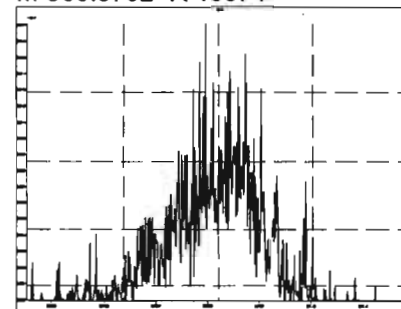
M 342.9792 R 11178



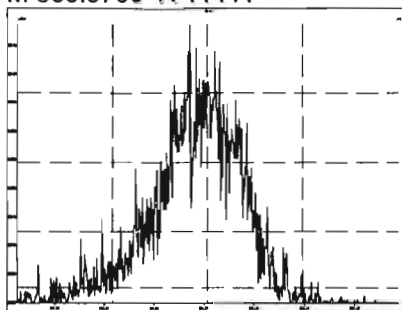
M 354.9792 R 13734



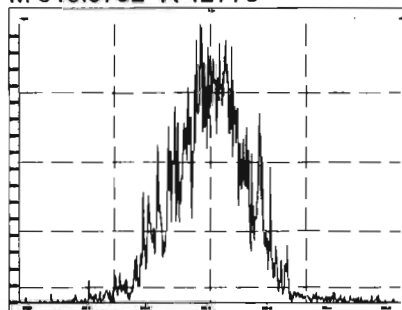
M 366.9792 R 16874



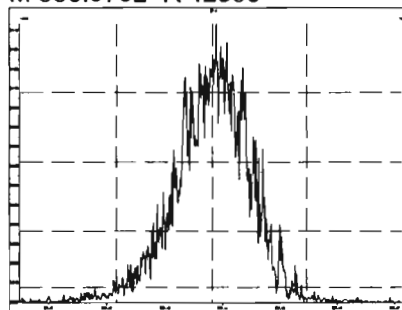
M 380.9760 R 11441



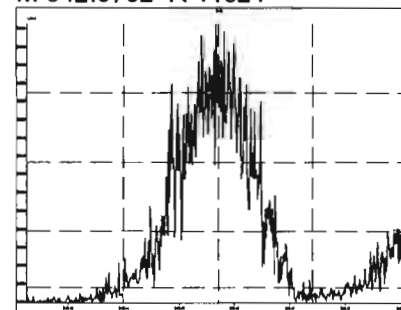
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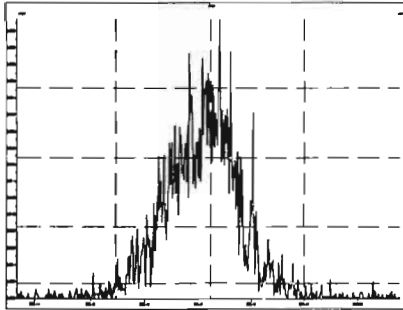


M 342.9792 R 11921

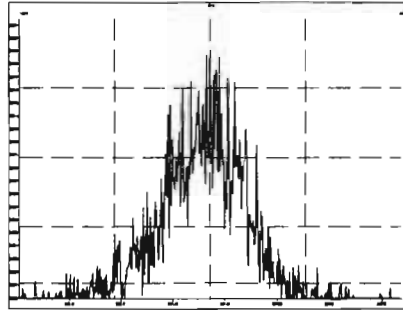


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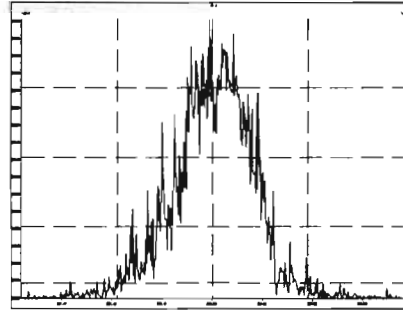
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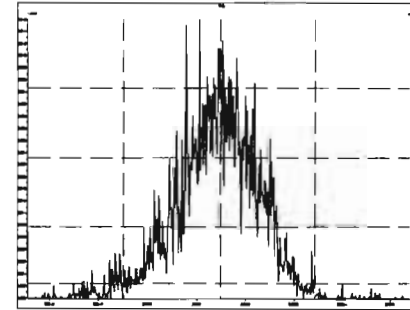
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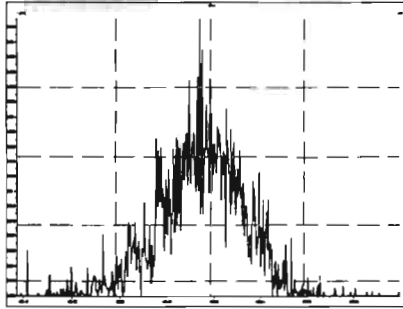
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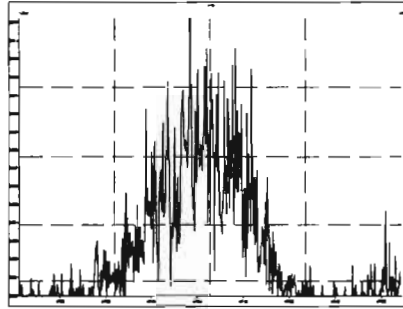
M 392.9760 R 12052



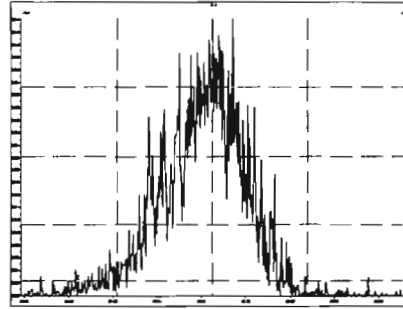
M 404.9760 R 13838



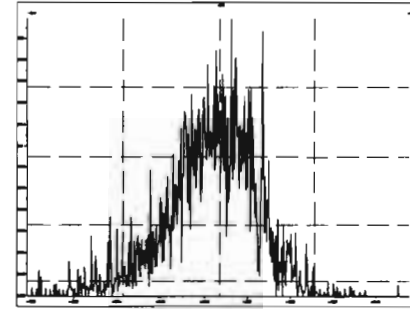
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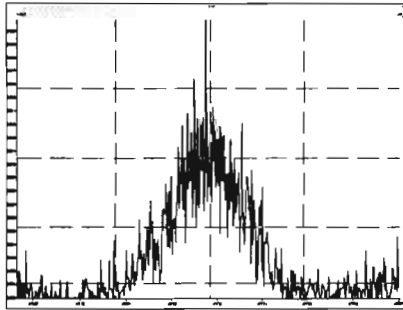
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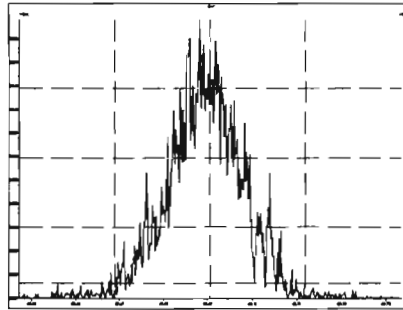
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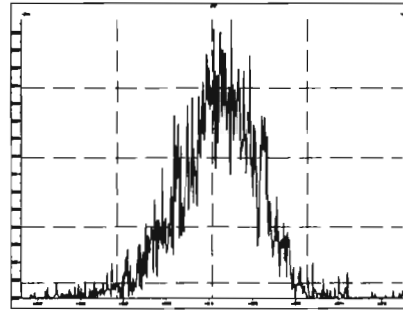
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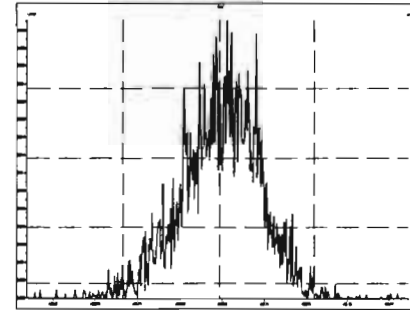
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M 442.9728 R 12820

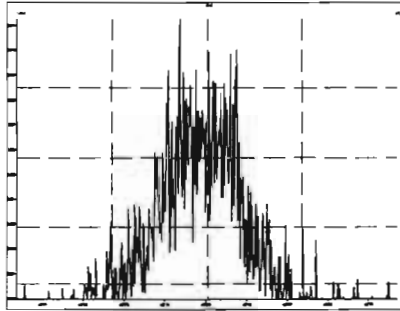


M 454.9728 R 13394

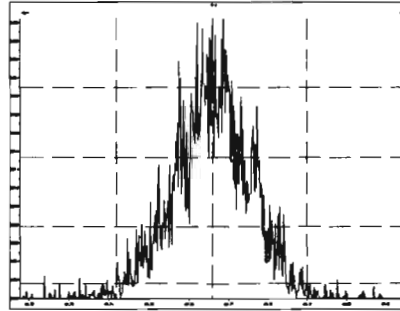


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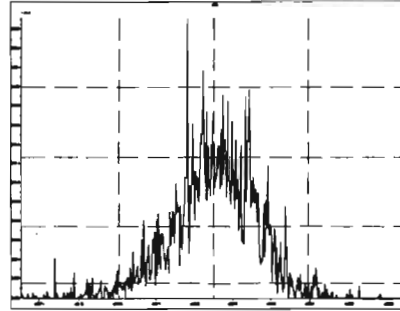
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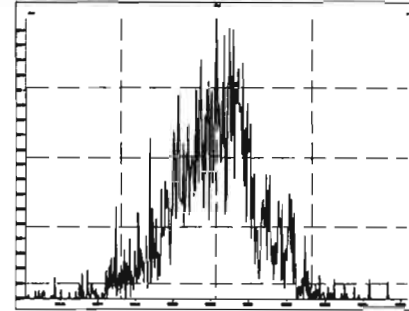
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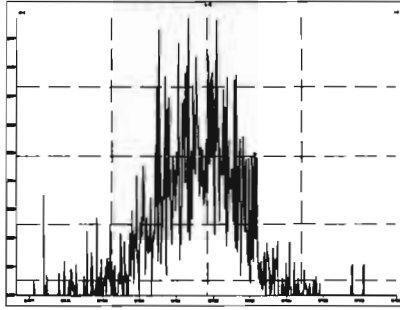
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M 504.9696 R 12655



M 516.9697 R 22207



Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

H 9.30.20

C1 10/02/2020

Method: Untitled 28 Sep 2020 17:48:50

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.71e6	3.13	NO	1.17	1.000	15.55	15.56	1.001	1.001	NO	54.42	109	0.00869	54.42
2	2 PCB-2	1.71e6	3.16	NO	1.18	1.000	17.97	17.96	0.988	0.988	NO	53.69	107	0.00883	53.69
3	3 PCB-3	1.69e6	3.11	NO	1.15	1.000	18.19	18.20	1.001	1.001	NO	54.52	109	0.00909	54.52
4	4 PCB-4/10	2.70e6	1.57	NO	1.25	1.000	19.62	19.62	1.004	1.004	NO	113.2	113	0.0393	113.2
5	5 PCB-7/9	3.32e6	1.58	NO	0.960	1.000	21.41	21.40	1.003	1.002	NO	110.8	111	0.0329	110.8
6	6 PCB-6	1.75e6	1.59	NO	1.02	1.000	22.06	22.06	1.033	1.033	NO	54.67	109	0.0308	54.67
7	7 PCB-5/8	3.46e6	1.58	NO	0.992	1.000	22.47	22.48	1.052	1.053	NO	111.6	112	0.0318	111.6
8	8 PCB-14	1.72e6	1.59	NO	1.02	1.000	23.60	23.60	0.951	0.951	NO	55.75	111	0.0338	55.75
9	9 PCB-11	1.84e6	1.59	NO	1.13	1.000	24.83	24.83	1.001	1.001	NO	53.73	107	0.0305	53.73
10	10 PCB-12/13	3.44e6	1.57	NO	1.03	1.000	25.26	25.20	1.018	1.016	NO	110.5	111	0.0334	110.5
11	11 PCB-15	1.74e6	1.61	NO	1.03	1.000	25.54	25.55	1.030	1.030	NO	55.56	111	0.0332	55.56
12	12 PCB-19	8.49e5	1.04	NO	1.11	1.000	23.79	23.80	1.001	1.001	NO	50.91	102	0.0155	50.91
13	13 PCB-30	1.39e6	1.05	NO	1.79	1.000	24.69	24.70	1.039	1.040	NO	51.43	103	0.00956	51.43
14	14 PCB-18	9.29e5	1.04	NO	0.818	1.000	25.47	25.48	0.952	0.952	NO	51.33	103	0.0149	51.33
15	15 PCB-17	8.82e5	1.05	NO	0.758	1.000	25.66	25.65	0.959	0.959	NO	52.55	105	0.0160	52.55
16	16 PCB-24/27	2.48e6	1.04	NO	1.08	1.000	26.25	26.24	0.981	0.981	NO	103.8	104	0.0112	103.8
17	17 PCB-16/32	2.11e6	1.04	NO	0.925	1.000	26.78	26.78	1.001	1.001	NO	103.0	103	0.0131	103.0
18	18 PCB-34	1.49e6	1.04	NO	0.945	1.000	27.60	27.58	0.959	0.959	NO	56.33	113	0.0296	56.33
19	19 PCB-23	1.40e6	1.06	NO	0.883	1.000	27.70	27.68	0.962	0.962	NO	56.91	114	0.0317	56.91
20	20 PCB-29	1.41e6	1.04	NO	0.893	1.000	27.95	27.94	0.971	0.971	NO	56.50	113	0.0314	56.50
21	21 PCB-26	1.51e6	1.05	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	57.17	114	0.0297	57.17
22	22 PCB-25	1.49e6	1.04	NO	0.950	1.000	28.33	28.33	0.984	0.985	NO	55.99	112	0.0295	55.99
23	23 PCB-31	1.62e6	1.05	NO	1.04	1.000	28.69	28.68	0.997	0.997	NO	56.12	112	0.0270	56.12
24	24 PCB-28	1.65e6	1.05	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	57.81	116	0.0273	57.81
25	25 PCB-20/21/33	4.45e6	1.05	NO	0.941	1.000	29.43	29.43	1.023	1.023	NO	169.3	113	0.0297	169.3
26	26 PCB-22	1.55e6	1.03	NO	0.973	1.000	29.89	29.89	1.039	1.039	NO	57.10	114	0.0288	57.10
27	27 PCB-36	1.52e6	1.04	NO	1.08	1.000	30.51	30.51	0.931	0.931	NO	55.99	112	0.0299	55.99
28	28 PCB-39	1.47e6	1.05	NO	0.988	1.000	30.99	31.01	0.946	0.947	NO	58.82	118	0.0326	58.82
29	29 PCB-38	1.50e6	1.07	NO	1.05	1.000	31.79	31.79	0.970	0.970	NO	56.42	113	0.0306	56.42
30	30 PCB-35	1.52e6	1.05	NO	1.04	1.000	32.33	32.33	0.987	0.987	NO	57.59	115	0.0308	57.59
31	31 PCB-37	1.46e6	1.10	NO	1.01	1.000	32.78	32.78	1.001	1.001	NO	57.15	114	0.0319	57.15
32	32 PCB-54	1.14e6	0.77	NO	1.08	1.000	27.64	27.64	1.001	1.001	NO	53.70	107	0.0160	53.70

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	9.07e5	0.78	NO	0.880	1.000	28.84	28.83	1.044	1.044	NO	52.26	105	0.0196	52.26
34	34 PCB-53	8.41e5	0.78	NO	0.997	1.000	29.52	29.50	0.944	0.943	NO	53.99	108	0.0221	53.99
35	35 PCB-51	9.16e5	0.79	NO	1.07	1.000	29.88	29.85	0.956	0.955	NO	55.02	110	0.0207	55.02
36	36 PCB-45	7.12e5	0.78	NO	0.858	1.000	30.32	30.30	0.970	0.969	NO	53.08	106	0.0257	53.08
37	37 PCB-46	6.79e5	0.78	NO	0.831	1.000	30.83	30.80	0.986	0.985	NO	52.28	105	0.0265	52.28
38	38 PCB-52/69	1.92e6	0.78	NO	1.17	1.000	31.31	31.31	1.001	1.001	NO	105.4	105	0.0189	105.4
39	39 PCB-73	1.23e6	0.79	NO	1.44	1.000	31.44	31.42	1.005	1.005	NO	54.67	109	0.0153	54.67
40	40 PCB-43/49	1.66e6	0.78	NO	1.02	1.000	31.59	31.58	1.010	1.010	NO	104.8	105	0.0217	104.8
41	41 PCB-47	7.76e5	0.77	NO	0.922	1.000	31.81	31.81	1.001	1.001	NO	50.85	102	0.0228	50.85
42	42 PCB-48/75	1.99e6	0.79	NO	1.12	1.000	31.92	31.92	1.004	1.004	NO	107.3	107	0.0188	107.3
43	43 PCB-65	1.14e6	0.77	NO	1.28	1.000	32.20	32.20	1.013	1.013	NO	53.54	107	0.0164	53.54
44	44 PCB-62	9.54e5	0.78	NO	1.13	1.000	32.31	32.29	1.016	1.016	NO	51.11	102	0.0187	51.11
45	45 PCB-44	7.07e5	0.79	NO	0.824	1.000	32.65	32.63	1.027	1.026	NO	51.83	104	0.0255	51.83
46	46 PCB-42/59	1.83e6	0.78	NO	1.05	1.000	32.85	32.85	1.033	1.033	NO	105.1	105	0.0201	105.1
47	47 PCB-41/64/71/72	4.10e6	0.79	NO	1.19	1.000	33.48	33.47	1.053	1.053	NO	208.5	104	0.0177	208.5
48	48 PCB-68	1.07e6	0.79	NO	1.28	1.000	33.75	33.72	1.062	1.061	NO	50.40	101	0.0165	50.40
49	49 PCB-40	5.30e5	0.78	NO	0.602	1.000	33.97	33.95	1.069	1.068	NO	53.13	106	0.0350	53.13
50	50 PCB-57	1.15e6	0.77	NO	1.16	1.000	34.32	34.32	0.969	0.969	NO	52.59	105	0.0161	52.59
51	51 PCB-67	1.05e6	0.80	NO	1.08	1.000	34.64	34.64	0.978	0.978	NO	51.66	103	0.0173	51.66
52	52 PCB-58	1.20e6	0.77	NO	1.20	1.000	34.75	34.77	0.981	0.982	NO	52.94	106	0.0156	52.94
53	53 PCB-63	1.05e6	0.78	NO	1.07	1.000	34.92	34.92	0.986	0.986	NO	51.98	104	0.0175	51.98
54	54 PCB-74	1.17e6	0.77	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	52.27	105	0.0158	52.27
55	55 PCB-61/70	2.13e6	0.78	NO	1.05	1.000	35.44	35.44	1.000	1.001	NO	107.2	107	0.0178	107.2
56	56 PCB-76/66	2.29e6	0.77	NO	1.16	1.000	35.63	35.64	1.006	1.006	NO	104.7	105	0.0161	104.7
57	57 PCB-80	1.23e6	0.78	NO	1.19	1.000	35.88	35.87	1.001	1.001	NO	53.12	106	0.0150	53.12
58	58 PCB-55	1.20e6	0.79	NO	1.17	1.000	36.20	36.20	1.010	1.010	NO	52.88	106	0.0153	52.88
59	59 PCB-56/60	2.07e6	0.78	NO	1.02	1.000	36.70	36.70	1.024	1.024	NO	104.3	104	0.0175	104.3
60	60 PCB-79	1.18e6	0.78	NO	1.14	1.000	37.80	37.80	1.054	1.055	NO	53.01	106	0.0157	53.01
61	61 PCB-78	1.12e6	0.77	NO	1.14	1.000	38.52	38.53	0.987	0.987	NO	53.32	107	0.0169	53.32
62	62 PCB-81	1.00e6	0.79	NO	1.05	1.000	39.07	39.07	1.000	1.000	NO	51.87	104	0.0183	51.87
63	63 PCB-77	1.10e6	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	52.20	104	0.0173	52.20
64	64 PCB-104	8.39e5	1.62	NO	1.12	1.000	32.48	32.48	1.001	1.001	NO	51.76	104	0.0134	51.76
65	65 PCB-96	8.41e5	1.58	NO	1.15	1.000	33.80	33.78	1.041	1.041	NO	50.44	101	0.0130	50.44
66	66 PCB-103	6.50e5	1.60	NO	0.936	1.000	34.36	34.34	1.059	1.058	NO	48.02	96.0	0.0160	48.02
67	67 PCB-100	6.58e5	1.59	NO	0.954	1.000	34.72	34.71	1.070	1.069	NO	47.78	95.6	0.0158	47.78
68	68 PCB-94	5.19e5	1.59	NO	0.949	1.000	35.19	35.19	0.985	0.985	NO	48.22	96.4	0.0206	48.22

Handwritten note: 75-126 (with arrow pointing to %Rec column)

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	2.00e6	1.58	NO	1.20	1.000	35.67	35.68	0.999	0.999	NO	146.8	97.9	0.0162	146.8
70	70 PCB-93	4.95e5	1.62	NO	0.935	1.000	35.81	35.81	1.003	1.003	NO	46.73	93.5	0.0209	46.73
71	71 PCB-88/91	1.17e6	1.58	NO	1.06	1.000	36.14	36.15	1.012	1.012	NO	97.27	97.3	0.0183	97.27
72	72 PCB-121	8.83e5	1.63	NO	1.71	1.000	36.24	36.24	1.015	1.015	NO	45.55	91.1	0.0114	45.55
73	73 PCB-84/92	1.08e6	1.58	NO	1.02	1.000	37.10	37.09	0.990	0.990	NO	100.7	101	0.0201	100.7
74	74 PCB-89	6.06e5	1.62	NO	1.11	1.000	37.27	37.28	0.995	0.995	NO	51.87	104	0.0185	51.87
75	75 PCB-90/101	1.19e6	1.61	NO	1.12	1.000	37.48	37.48	1.000	1.000	NO	100.2	100	0.0182	100.2
76	76 PCB-113	8.27e5	1.59	NO	1.51	1.000	37.73	37.73	1.007	1.007	NO	51.70	103	0.0135	51.70
77	77 PCB-99	6.70e5	1.67	NO	1.32	1.000	37.81	37.82	1.009	1.009	NO	48.01	96.0	0.0155	48.01
78	78 PCB-119	8.29e5	1.62	NO	1.81	1.000	38.31	38.30	0.987	0.987	NO	47.00	94.0	0.0124	47.00
79	79 PCB-108/112	1.38e6	1.61	NO	1.44	1.000	38.46	38.45	0.991	0.991	NO	97.45	97.5	0.0155	97.45
80	80 PCB-83	8.69e5	1.59	NO	1.83	1.000	38.62	38.62	0.995	0.995	NO	48.59	97.2	0.0122	48.59
81	81 PCB-97	6.16e5	1.57	NO	1.28	1.000	38.83	38.82	1.000	1.000	NO	49.21	98.4	0.0174	49.21
82	82 PCB-86	5.58e5	1.55	NO	1.12	1.000	38.97	38.99	1.004	1.005	NO	51.12	102	0.0200	51.12
83	83 PCB-87/117/125	2.27e6	1.57	NO	1.56	1.000	39.12	39.12	1.008	1.008	NO	149.4	99.6	0.0143	149.4
84	84 PCB-111/115	1.84e6	1.59	NO	1.91	1.000	39.28	39.27	1.012	1.012	NO	98.85	98.9	0.0117	98.85
85	85 PCB-85/116	1.33e6	1.59	NO	1.41	1.000	39.40	39.40	1.015	1.015	NO	96.64	96.6	0.0158	96.64
86	86 PCB-120	9.64e5	1.61	NO	2.01	1.000	39.66	39.66	1.022	1.022	NO	49.26	98.5	0.0112	49.26
87	87 PCB-110	8.36e5	1.61	NO	1.74	1.000	39.81	39.81	1.026	1.026	NO	49.13	98.3	0.0128	49.13
88	88 PCB-82	4.94e5	1.58	NO	0.781	1.000	40.45	40.44	0.976	0.976	NO	49.25	98.5	0.0230	49.25
89	89 PCB-124	8.39e5	1.58	NO	1.40	1.000	41.15	41.15	0.993	0.993	NO	46.75	93.5	0.0129	46.75
90	90 PCB-107/109	1.76e6	1.60	NO	1.34	1.000	41.30	41.30	0.996	0.996	NO	102.4	102	0.0134	102.4
91	91 PCB-123	7.98e5	1.63	NO	1.20	1.000	41.47	41.49	1.000	1.001	NO	51.86	104	0.0150	51.86
92	92 PCB-106/118	1.69e6	1.59	NO	1.22	1.000	41.67	41.69	1.001	1.001	NO	102.3	102	0.0140	102.3
93	93 PCB-114	1.01e6	1.57	NO	1.14	1.000	42.33	42.33	1.000	1.000	NO	54.19	108	0.0267	54.19
94	94 PCB-122	9.01e5	1.57	NO	0.944	1.000	42.48	42.48	1.004	1.004	NO	58.35	117	0.0322	58.35
95	95 PCB-105	9.86e5	1.58	NO	1.05	1.000	43.22	43.24	1.000	1.001	NO	56.50	113	0.0283	56.50
96	96 PCB-127	1.04e6	1.56	NO	1.06	1.000	43.58	43.58	1.000	1.000	NO	56.73	113	0.0268	56.73
97	97 PCB-126	1.05e6	1.55	NO	1.17	1.000	45.53	45.53	1.000	1.000	NO	54.82	110	0.0260	54.82
98	98 PCB-155	5.12e5	1.33	NO	1.04	1.000	37.00	37.02	1.000	1.001	NO	47.33	94.7	0.0134	47.33
99	99 PCB-150	5.56e5	1.31	NO	1.08	1.000	38.32	38.32	1.036	1.036	NO	49.53	99.1	0.0129	49.53
100	1... PCB-152	6.36e5	1.32	NO	1.19	1.000	38.81	38.81	1.049	1.049	NO	51.74	103	0.0118	51.74
101	1... PCB-145	6.23e5	1.30	NO	1.19	1.000	39.26	39.27	1.062	1.062	NO	50.60	101	0.0118	50.60
102	1... PCB-136	5.48e5	1.27	NO	1.02	1.000	39.61	39.61	1.071	1.071	NO	51.75	103	0.0137	51.75
103	1... PCB-148	4.14e5	1.28	NO	0.842	1.000	39.72	39.72	1.074	1.074	NO	47.46	94.9	0.0166	47.46
104	1... PCB-154	4.44e5	1.30	NO	0.919	1.000	40.22	40.22	1.088	1.088	NO	46.65	93.3	0.0152	46.65

K1757

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time

Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	3.89e5	1.28	NO	0.787	1.000	40.89	40.89	1.106	1.106	NO	47.74	95.5	0.0178	47.74
106	1... PCB-135	4.59e5	1.31	NO	0.922	1.000	41.11	41.11	1.112	1.112	NO	48.00	96.0	0.0152	48.00
107	1... PCB-144	3.85e5	1.31	NO	0.789	1.000	41.21	41.22	1.114	1.115	NO	47.10	94.2	0.0177	47.10
108	1... PCB-147	4.14e5	1.31	NO	0.834	1.000	41.36	41.35	1.118	1.118	NO	47.85	95.7	0.0168	47.85
109	1... PCB-139/149	9.29e5	1.30	NO	0.948	1.000	41.62	41.63	1.125	1.126	NO	94.54	94.5	0.0148	94.54
110	1... PCB-140	3.90e5	1.29	NO	0.794	1.000	41.86	41.82	1.132	1.131	NO	47.37	94.7	0.0176	47.37
111	1... PCB-134/143	1.14e6	1.25	NO	0.759	1.000	42.28	42.27	0.975	0.975	NO	105.3	105	0.0736	105.3
112	1... PCB-131/133	1.20e6	1.27	NO	0.821	1.000	42.57	42.58	0.982	0.982	NO	102.6	103	0.0681	102.6
113	1... PCB-142	5.49e5	1.27	NO	0.754	1.000	42.72	42.73	0.985	0.985	NO	51.08	102	0.0741	51.08
114	1... PCB-146/165	1.49e6	1.26	NO	1.02	1.000	42.95	42.97	0.990	0.991	NO	102.9	103	0.0550	102.9
115	1... PCB-132/161	1.50e6	1.25	NO	1.02	1.000	43.20	43.20	0.996	0.996	NO	103.0	103	0.0546	103.0
116	1... PCB-153	7.86e5	1.25	NO	1.07	1.000	43.39	43.39	1.000	1.000	NO	51.52	103	0.0522	51.52
117	1... PCB-168	7.92e5	1.25	NO	1.08	1.000	43.62	43.62	1.006	1.006	NO	51.60	103	0.0519	51.60
118	1... PCB-141	6.30e5	1.26	NO	1.03	1.000	44.15	44.17	1.000	1.001	NO	51.76	104	0.0680	51.76
119	1... PCB-137	6.18e5	1.24	NO	1.11	1.000	44.54	44.55	1.009	1.009	NO	46.93	93.9	0.0628	46.93
120	1... PCB-130	5.66e5	1.26	NO	0.885	1.000	44.66	44.66	1.012	1.012	NO	53.92	108	0.0788	53.92
121	1... PCB-138/163/164	2.50e6	1.27	NO	1.28	1.000	45.04	45.06	1.001	1.001	NO	159.7	106	0.0513	159.7
122	1... PCB-158/160	1.58e6	1.26	NO	1.24	1.000	45.28	45.31	1.006	1.007	NO	104.9	105	0.0531	104.9
123	1... PCB-129	5.41e5	1.27	NO	0.867	1.000	45.53	45.55	1.012	1.012	NO	51.31	103	0.0759	51.31
124	1... PCB-166	8.88e5	1.25	NO	1.14	1.000	46.01	46.01	0.993	0.993	NO	51.64	103	0.0479	51.64
125	1... PCB-159	9.62e5	1.27	NO	1.22	1.000	46.35	46.35	1.000	1.000	NO	52.56	105	0.0450	52.56
126	1... PCB-128/162	1.45e6	1.25	NO	0.907	1.000	46.66	46.65	1.007	1.007	NO	106.1	106	0.0603	106.1
127	1... PCB-167	8.58e5	1.26	NO	1.11	1.000	47.05	47.05	1.000	1.000	NO	51.89	104	0.0499	51.89
128	1... PCB-156	8.66e5	1.27	NO	1.13	1.000	48.39	48.39	1.000	1.000	NO	53.05	106	0.0523	53.05
129	1... PCB-157	8.08e5	1.26	NO	1.04	1.000	48.66	48.66	1.000	1.000	NO	52.90	106	0.0543	52.90
130	1... PCB-169	8.62e5	1.26	NO	1.16	1.000	50.93	50.93	1.000	1.000	NO	52.38	105	0.0523	52.38
131	1... PCB-188	7.87e5	1.07	NO	1.29	1.000	43.03	43.01	1.001	1.000	NO	50.89	102	0.0377	50.89
132	1... PCB-184	7.57e5	1.05	NO	1.23	1.000	43.46	43.49	1.011	1.011	NO	51.29	103	0.0394	51.29
133	1... PCB-179	7.97e5	1.05	NO	1.30	1.000	44.29	44.28	1.030	1.030	NO	51.23	102	0.0374	51.23
134	1... PCB-176	7.97e5	1.06	NO	1.31	1.000	44.75	44.76	1.041	1.041	NO	50.79	102	0.0371	50.79
135	1... PCB-186	8.50e5	1.04	NO	1.33	1.000	45.38	45.40	1.056	1.056	NO	53.35	107	0.0365	53.35
136	1... PCB-178	5.72e5	1.03	NO	0.943	1.000	45.89	45.89	1.067	1.067	NO	50.56	101	0.0515	50.56
137	1... PCB-175	5.60e5	1.06	NO	0.956	1.000	46.25	46.25	1.076	1.076	NO	48.90	97.8	0.0508	48.90
138	1... PCB-182/187	1.31e6	1.05	NO	1.07	1.000	46.46	46.44	1.081	1.080	NO	102.4	102	0.0455	102.4
139	1... PCB-183	6.34e5	1.02	NO	1.02	1.000	46.76	46.76	1.088	1.088	NO	51.73	103	0.0475	51.73
140	1... PCB-185	5.65e5	1.02	NO	1.41	1.000	47.44	47.45	0.955	0.955	NO	49.27	98.5	0.0530	49.27

Handwritten note: 75/117 (with arrow pointing to %Rec column)

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
141	1... PCB-174	5.20e5	1.02	NO	1.35	1.000	47.84	47.83	0.963	0.962	NO	47.09	94.2	0.0551	47.09
142	1... PCB-181	6.19e5	1.03	NO	1.47	1.000	47.94	47.92	0.965	0.964	NO	51.45	103	0.0506	51.45
143	1... PCB-177	5.18e5	1.05	NO	1.28	1.000	48.11	48.09	0.968	0.968	NO	49.69	99.4	0.0584	49.69
144	1... PCB-171	5.35e5	1.04	NO	1.32	1.000	48.41	48.39	0.974	0.974	NO	49.80	99.6	0.0567	49.80
145	1... PCB-173	4.77e5	1.04	NO	1.19	1.000	48.84	48.83	0.983	0.982	NO	49.10	98.2	0.0627	49.10
146	1... PCB-172	5.61e5	1.04	NO	1.38	1.000	49.32	49.30	0.992	0.992	NO	49.96	99.9	0.0542	49.96
147	1... PCB-192	7.33e5	1.05	NO	1.83	1.000	49.51	49.49	0.996	0.996	NO	49.18	98.4	0.0408	49.18
148	1... PCB-180	5.85e5	1.04	NO	1.41	1.000	49.72	49.72	1.000	1.000	NO	50.78	102	0.0528	50.78
149	1... PCB-193	6.83e5	1.04	NO	1.68	1.000	49.94	49.93	1.005	1.005	NO	49.92	99.8	0.0445	49.92
150	1... PCB-191	6.86e5	1.06	NO	1.71	1.000	50.21	50.19	1.010	1.010	NO	49.11	98.2	0.0436	49.11
151	1... PCB-170	4.83e5	1.03	NO	1.40	1.000	51.39	51.39	1.000	1.000	NO	51.08	102	0.0625	51.08
152	1... PCB-190	6.48e5	1.05	NO	1.85	1.000	51.60	51.58	1.005	1.004	NO	51.81	104	0.0473	51.81
153	1... PCB-189	6.88e5	1.03	NO	1.45	1.000	53.09	53.09	1.000	1.000	NO	50.08	100	0.0384	50.08
154	1... PCB-202	6.02e5	0.90	NO	1.17	1.000	48.62	48.62	1.001	1.001	NO	48.88	97.8	0.0260	48.88
155	1... PCB-201	5.45e5	0.91	NO	1.05	1.000	49.11	49.11	1.011	1.011	NO	49.06	98.1	0.0289	49.06
156	1... PCB-204	5.82e5	0.91	NO	1.14	1.000	49.26	49.26	1.014	1.014	NO	48.34	96.7	0.0267	48.34
157	1... PCB-197	5.85e5	0.91	NO	1.13	1.000	49.58	49.59	1.021	1.021	NO	49.02	98.0	0.0269	49.02
158	1... PCB-200	5.56e5	0.90	NO	1.07	1.000	50.52	50.51	1.040	1.040	NO	49.23	98.5	0.0284	49.23
159	1... PCB-198	4.13e5	0.92	NO	0.794	1.000	52.06	52.07	1.072	1.072	NO	49.28	98.6	0.0383	49.28
160	1... PCB-199	4.00e5	0.93	NO	0.809	1.000	52.20	52.20	1.074	1.074	NO	46.92	93.8	0.0376	46.92
161	1... PCB-196/203	8.54e5	0.91	NO	0.838	1.000	52.50	52.50	1.081	1.081	NO	96.65	96.7	0.0363	96.65
162	1... PCB-195	5.12e5	0.91	NO	1.04	1.000	53.80	53.80	0.984	0.984	NO	51.58	103	0.0597	51.58
163	1... PCB-194	5.63e5	0.90	NO	1.12	1.000	54.71	54.71	1.000	1.000	NO	53.10	106	0.0559	53.10
164	1... PCB-205	6.77e5	0.91	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	55.30	111	0.0484	55.30
165	1... PCB-208	5.66e5	1.35	NO	0.933	1.000	53.95	53.95	1.000	1.000	NO	53.06	106	0.0531	53.06
166	1... PCB-207	5.55e5	1.36	NO	0.916	1.000	54.28	54.28	1.007	1.007	NO	52.94	106	0.0540	52.94
167	1... PCB-206	3.75e5	1.33	NO	1.01	1.000	56.25	56.24	1.000	1.000	NO	51.70	103	0.0772	51.70
168	1... PCB-209	3.15e5	1.22	NO	0.986	1.000	57.47	57.49	1.000	1.000	NO	50.85	102	0.00753	50.85
169	1... 13C-PCB-1	2.69e6	3.48	NO	0.893	1.000	15.52	15.54	0.608	0.609	NO	96.96	97.0	0.0636	
170	1... 13C-PCB-3	2.70e6	3.27	NO	0.911	1.000	18.17	18.18	0.712	0.712	NO	95.42	95.4	0.0624	
171	1... 13C-PCB-4	1.91e6	1.59	NO	0.600	1.000	19.53	19.53	0.765	0.765	NO	102.6	103	0.0459	
172	1... 13C-PCB-9	3.13e6	1.58	NO	0.970	1.000	21.36	21.35	0.837	0.836	NO	103.8	104	0.0284	
173	1... 13C-PCB-11	3.03e6	1.58	NO	0.962	1.000	24.81	24.81	0.972	0.972	NO	101.6	102	0.0287	
174	1... 13C-PCB-19	1.51e6	1.05	NO	0.499	1.000	23.77	23.76	0.931	0.931	NO	97.33	97.3	0.307	
175	1... 13C-PCB-32	2.21e6	1.05	NO	0.744	1.000	26.76	26.76	1.048	1.048	NO	95.74	95.7	0.206	
176	1... 13C-PCB-28	2.79e6	1.05	NO	1.06	1.000	28.75	28.77	1.003	1.004	NO	98.87	98.9	0.202	

Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time

Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	2.52e6	1.05	NO	0.989	1.000	32.75	32.76	1.143	1.143	NO	96.12	96.1	0.218	
178	1... 13C-PCB-54	1.97e6	0.79	NO	0.999	1.000	27.61	27.62	0.753	0.753	NO	105.9	106	0.0538	
179	1... 13C-PCB-52	1.56e6	0.79	NO	0.804	1.000	31.25	31.27	0.852	0.852	NO	104.2	104	0.0668	
180	1... 13C-PCB-47	1.66e6	0.78	NO	0.857	1.000	31.77	31.79	0.866	0.867	NO	103.6	104	0.0627	
181	1... 13C-PCB-70	1.88e6	0.80	NO	0.996	1.000	35.41	35.42	0.965	0.966	NO	101.4	101	0.0540	
182	1... 13C-PCB-80	1.95e6	0.80	NO	1.03	1.000	35.85	35.85	0.977	0.977	NO	101.6	102	0.0523	
183	1... 13C-PCB-81	1.85e6	0.77	NO	0.988	1.000	39.04	39.05	1.064	1.064	NO	100.3	100	0.0544	
184	1... 13C-PCB-77	1.85e6	0.81	NO	0.969	1.000	39.65	39.66	1.081	1.081	NO	102.4	102	0.0555	
185	1... 13C-PCB-104	1.44e6	1.59	NO	1.02	1.000	32.45	32.46	0.827	0.827	NO	101.9	102	0.0404	
186	1... 13C-PCB-95	1.13e6	1.59	NO	0.805	1.000	35.72	35.72	0.910	0.910	NO	101.0	101	0.0510	
187	1... 13C-PCB-101	1.06e6	1.61	NO	0.793	1.000	37.47	37.47	0.955	0.954	NO	95.65	95.7	0.0518	
188	1... 13C-PCB-97	9.77e5	1.60	NO	0.696	1.000	38.81	38.81	0.989	0.989	NO	100.6	101	0.0590	
189	1... 13C-PCB-123	1.28e6	1.61	NO	0.933	1.000	41.45	41.45	1.056	1.056	NO	98.77	98.8	0.0440	
190	1... 13C-PCB-118	1.36e6	1.64	NO	0.986	1.000	41.64	41.63	1.061	1.061	NO	98.66	98.7	0.0417	
191	1... 13C-PCB-114	1.64e6	1.59	NO	1.55	1.000	42.31	42.31	0.908	0.908	NO	99.92	99.9	0.0525	
192	1... 13C-PCB-105	1.66e6	1.60	NO	1.57	1.000	43.20	43.20	0.927	0.927	NO	99.77	99.8	0.0516	
193	1... 13C-PCB-127	1.72e6	1.60	NO	1.62	1.000	43.54	43.56	0.934	0.935	NO	100.2	100	0.0500	
194	1... 13C-PCB-126	1.64e6	1.60	NO	1.57	1.000	45.52	45.51	0.976	0.976	NO	98.79	98.8	0.0518	
195	1... 13C-PCB-155	1.04e6	1.28	NO	0.615	1.000	36.98	36.98	0.942	0.942	NO	121.0	121	0.0340	
196	1... 13C-PCB-153	1.43e6	1.28	NO	1.36	1.000	43.37	43.37	0.930	0.931	NO	98.67	98.7	0.0804	
197	1... 13C-PCB-141	1.19e6	1.28	NO	1.13	1.000	44.14	44.13	0.947	0.947	NO	99.36	99.4	0.0973	
198	1... 13C-PCB-138	1.22e6	1.28	NO	1.18	1.000	45.00	45.00	0.965	0.965	NO	97.07	97.1	0.0926	
199	1... 13C-PCB-159	1.50e6	1.29	NO	1.44	1.000	46.32	46.33	0.994	0.994	NO	98.74	98.7	0.0763	
200	2... 13C-PCB-167	1.49e6	1.29	NO	1.44	1.000	47.03	47.03	1.009	1.009	NO	97.80	97.8	0.0762	
201	2... 13C-PCB-156	1.45e6	1.29	NO	1.40	1.000	48.35	48.37	1.037	1.038	NO	98.02	98.0	0.0786	
202	2... 13C-PCB-157	1.47e6	1.32	NO	1.40	1.000	48.64	48.64	1.043	1.043	NO	99.55	99.6	0.0786	
203	2... 13C-PCB-169	1.42e6	1.27	NO	1.33	1.000	50.91	50.91	1.092	1.092	NO	100.9	101	0.0825	
204	2... 13C-PCB-188	1.20e6	0.46	NO	1.41	1.000	43.00	42.99	0.926	0.926	NO	99.13	99.1	0.0830	
205	2... 13C-PCB-180	8.16e5	0.45	NO	0.929	1.000	49.68	49.70	1.070	1.071	NO	102.5	102	0.126	
206	2... 13C-PCB-170	6.76e5	0.46	NO	0.794	1.000	51.34	51.37	1.106	1.107	NO	99.16	99.2	0.147	
207	2... 13C-PCB-189	9.46e5	0.45	NO	1.04	1.000	53.07	53.07	1.143	1.143	NO	105.5	106	0.112	
208	2... 13C-PCB-202	1.05e6	0.94	NO	1.04	1.000	48.58	48.58	1.046	1.047	NO	118.7	119	0.0736	
209	2... 13C-PCB-194	9.50e5	0.92	NO	0.768	1.000	54.69	54.69	0.995	0.995	NO	96.91	96.9	0.123	
210	2... 13C-PCB-208	1.14e6	0.79	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	90.46	90.5	0.135	
211	2... 13C-PCB-206	7.20e5	0.80	NO	0.552	1.000	56.23	56.23	1.023	1.023	NO	102.2	102	0.243	
212	2... 13C-PCB-209	6.28e5	1.21	NO	0.396	1.000	57.47	57.47	1.046	1.046	NO	124.2	124	0.0177	

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Dataset: U:\VG11.PRO\Results\200929K2\200929K2-2.qld

Last Altered: Wednesday, September 30, 2020 07:54:55 Pacific Daylight Time

Printed: Wednesday, September 30, 2020 07:56:01 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RIA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	3.11e6	1.60	NO	1.00	1.000	25.54	25.53	1.000	0.000	NO	100.0	100	0.0276	
214	2... 13C-PCB-31	2.65e6	1.05	NO	1.00	1.000	28.69	28.66	1.000	0.000	NO	100.0	100	0.215	
215	2... 13C-PCB-60	1.86e6	0.80	NO	1.00	1.000	36.71	36.68	1.000	0.000	NO	100.0	100	0.0537	
216	2... 13C-PCB-111	1.39e6	1.63	NO	1.00	1.000	39.27	39.25	1.000	0.000	NO	100.0	100	0.0411	
217	2... 13C-PCB-128	1.06e6	1.28	NO	1.00	1.000	46.64	46.61	1.000	0.000	NO	100.0	100	0.110	
218	2... 13C-PCB-182	8.58e5	0.46	NO	1.00	1.000	46.45	46.42	0.000	0.000	NO	100.0	100	0.117	
219	2... 13C-PCB-205	1.28e6	0.92	NO	1.00	1.000	54.99	54.97	1.000	0.000	NO	100.0	100	0.0943	
220	2... 13C-PCB-79	2.03e6	0.78	NO	1.07	1.000	37.78	37.78	1.030	1.030	NO	102.1	102 <i>75-115!</i>	0.0503	
221	2... 13C-PCB-178	8.13e5	0.46	NO	0.766	1.000	45.88	45.87	0.988	0.988	NO	100.2	100	0.120	
222	2... 13C-PCB-79	2.03e6	0.79	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	101.5	101	0.0493	
223	2... 13C-PCB-178	8.13e5	0.46	NO	1.05	1.000	45.89	45.87	0.923	0.923	NO	94.75	94.8	0.117	

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Dataset: Untitled

Last Altered: Thursday, October 01, 2020 8:17:30 AM Pacific Daylight Time

Printed: Thursday, October 01, 2020 8:17:43 AM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_9-28-20.mdb 28 Sep 2020 17:48:50

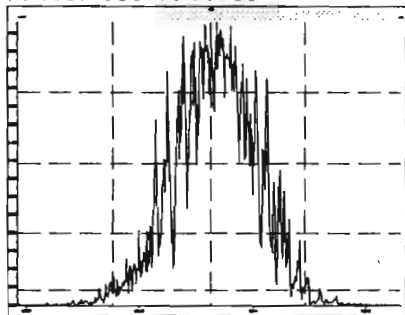
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Compound name: PCB-1

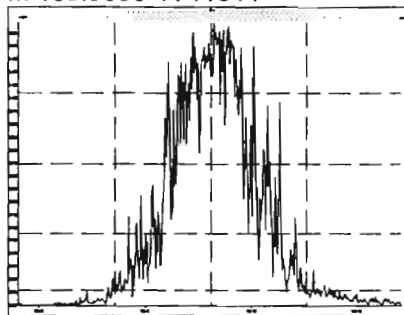
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2	200929K2_2	ST200929K2-1 PCB 209 CS3 19G2609	30-Sep-20	04:04:50
3	200929K2_3	SOLVENT BLANK	30-Sep-20	05:05:23
4	200929K2_4	2001962-01 EK280 21.88	30-Sep-20	06:05:56
5	200929K2_5	2001962-02 EK281 19.72	30-Sep-20	07:08:07
6	200929K2_6	2001962-03 EK282 20.13	30-Sep-20	08:09:32
7	200929K2_7	2001962-04 EK283 28.33	30-Sep-20	09:08:15
8	200929K2_8	2001962-05 EK284 40.26	30-Sep-20	10:08:44
9	200929K2_9	2001962-06 EK285 17.15	30-Sep-20	11:09:13
10	200929K2_10	2001962-07 EK286 17.62	30-Sep-20	12:09:41
11	200929K2_11	2001962-08 EK287 30.87	30-Sep-20	13:10:15
12	200929K2_12	2002008-03@10X NCPDI-015SG-200923 10	30-Sep-20	14:10:43
13	200929K2_13	2002007-01@10X NCPDI-016SG-200924 10	30-Sep-20	15:11:15
14	200929K3_1	SOLVENT BLANK	30-Sep-20	16:20:20
15	200929K3_2	ST200929K3-1 PCB 209 CS3 19G2609	30-Sep-20	17:19:06

Printed: Wednesday, September 30, 2020 03:06:03 Pacific Daylight Time

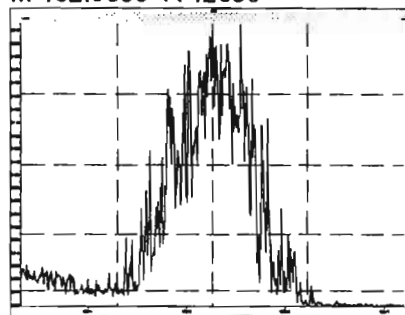
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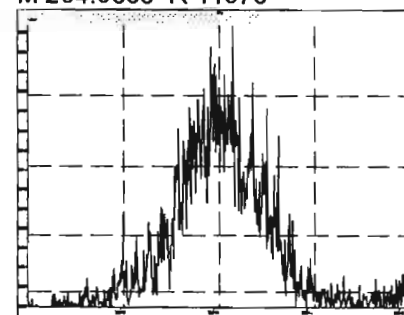
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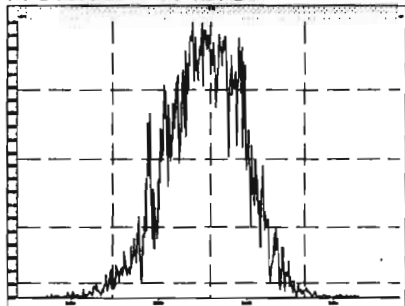
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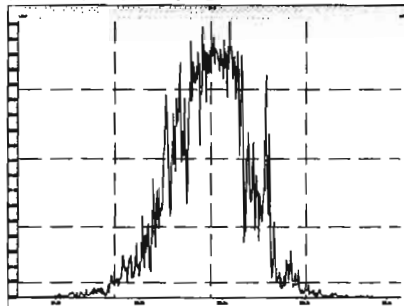
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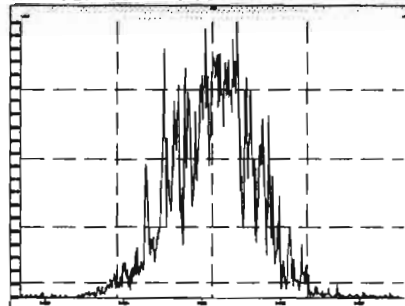
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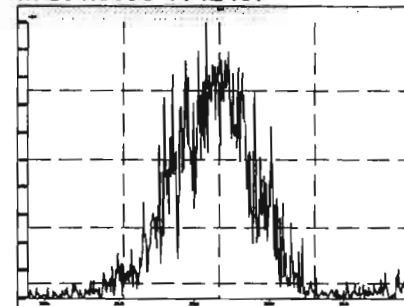
M 230.9856 R 12490



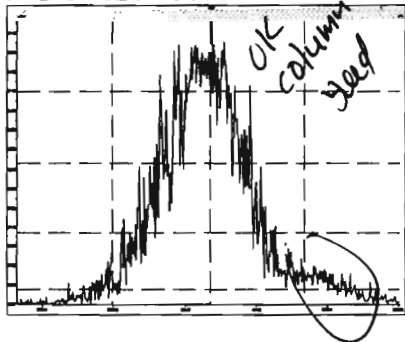
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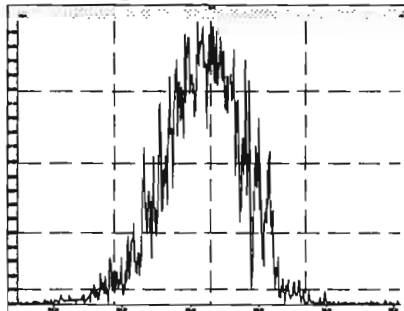
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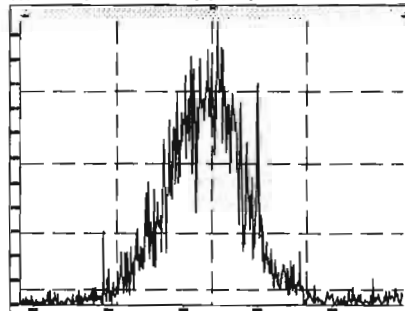
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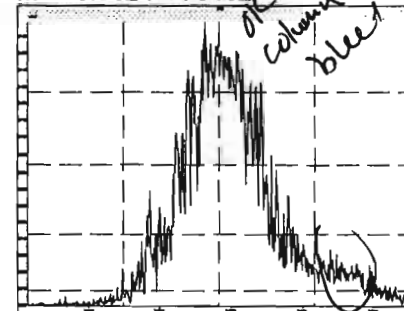
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M 254.9856 R 11397

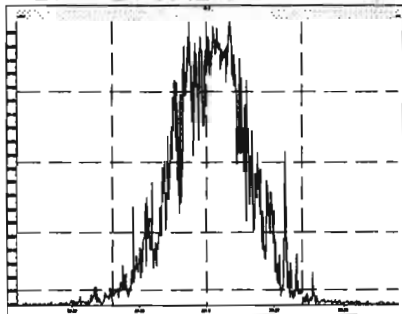


M 268.9824 R 8482

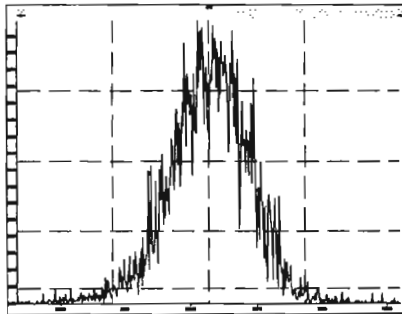


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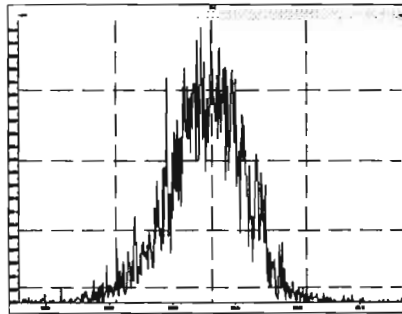
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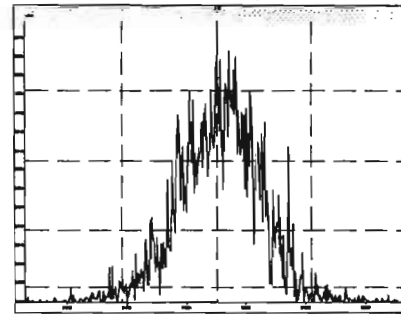
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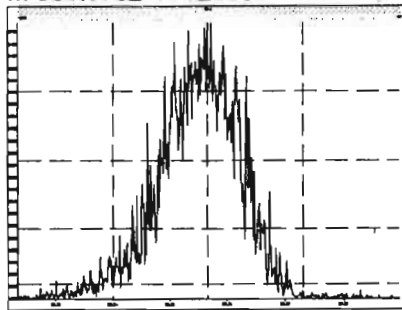
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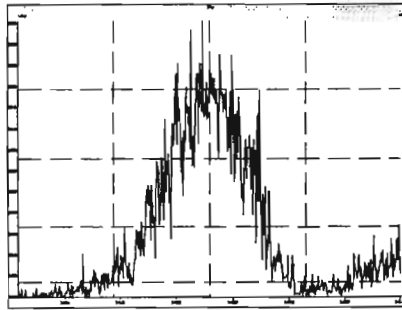
M 318.9792 R 13398



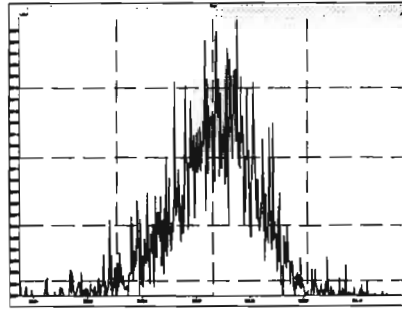
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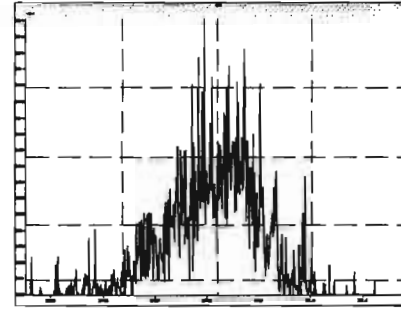
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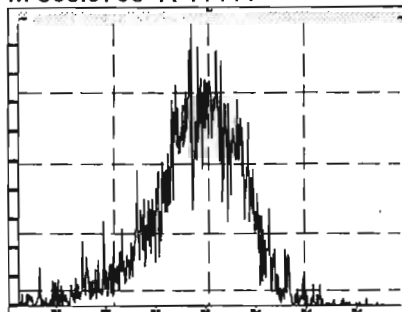
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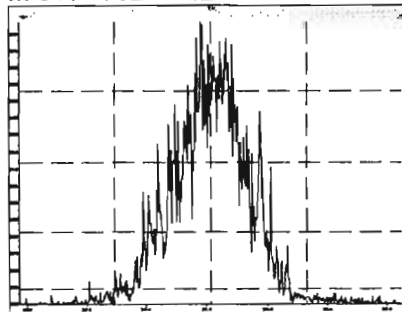
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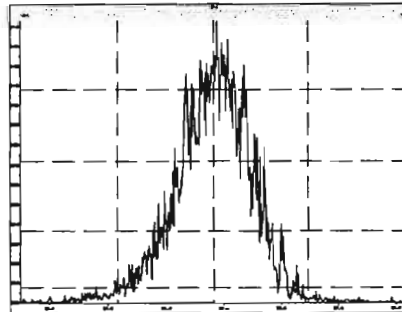
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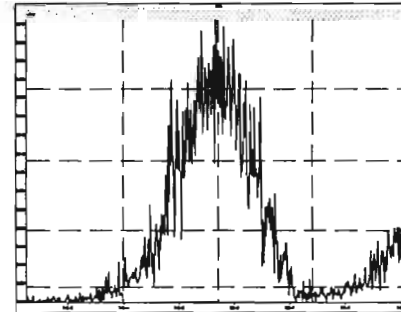
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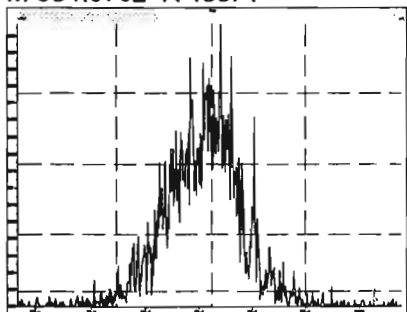


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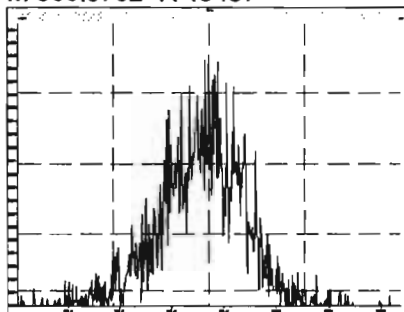


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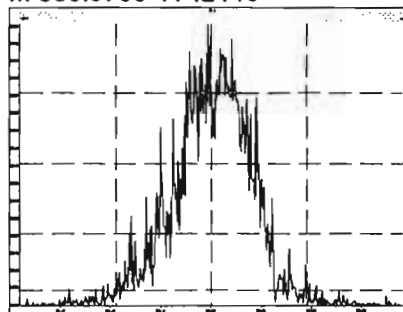
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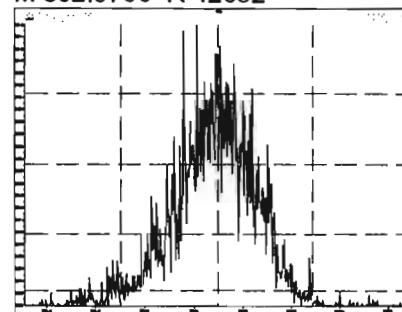
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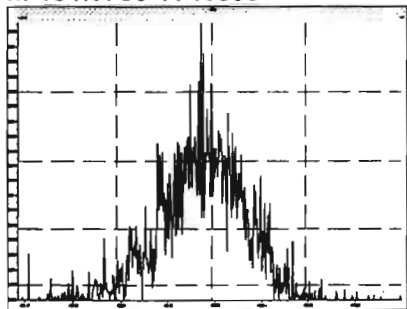
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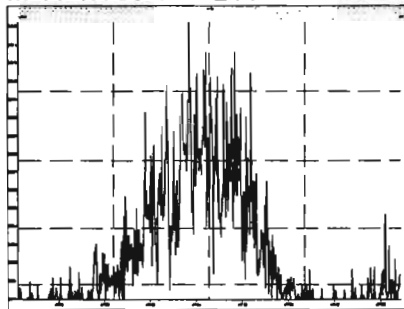
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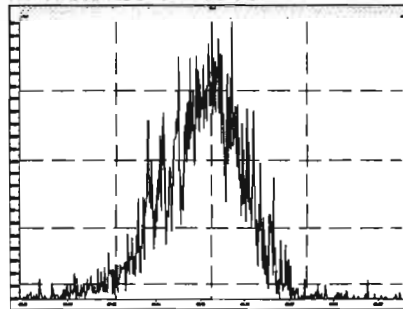
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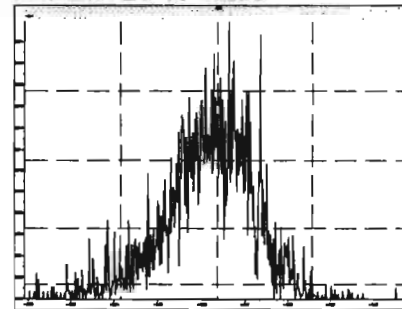
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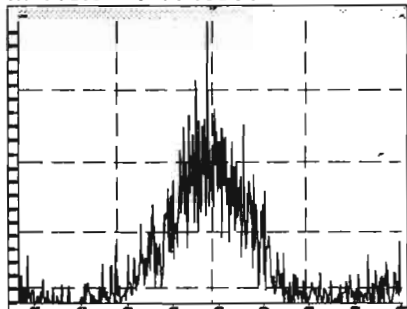
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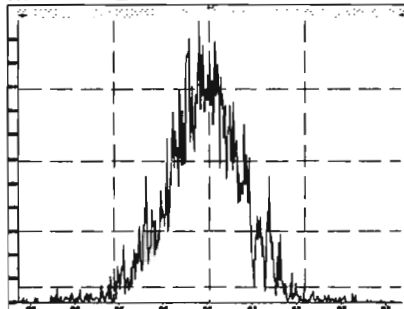
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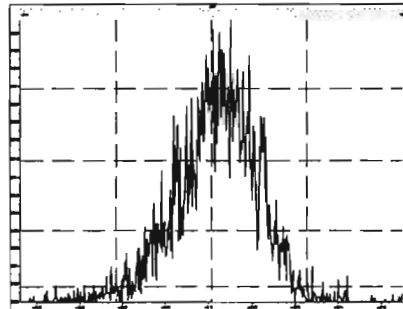
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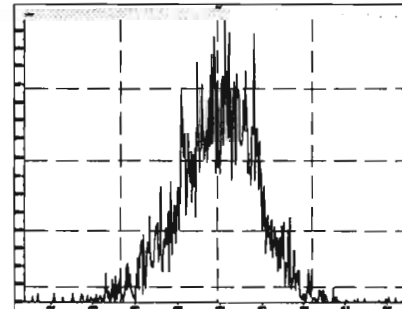
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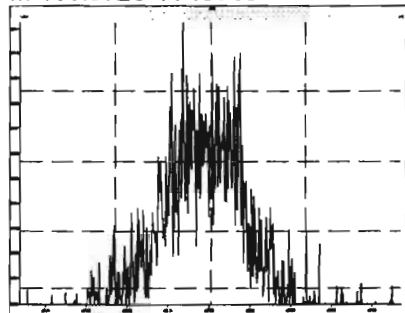


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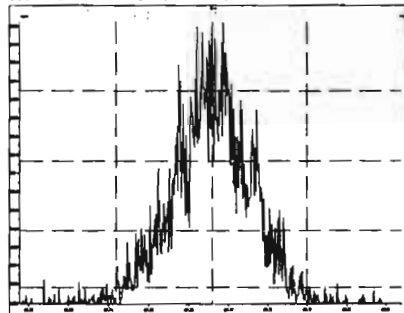


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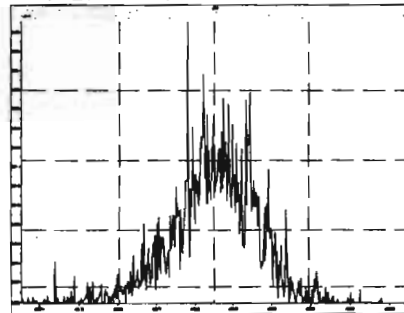
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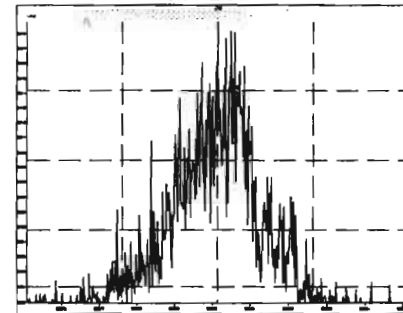
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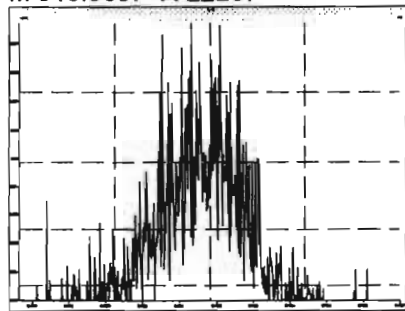
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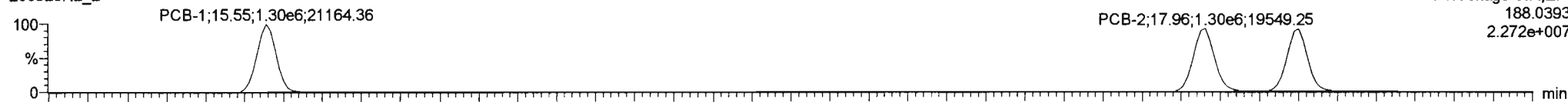
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Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

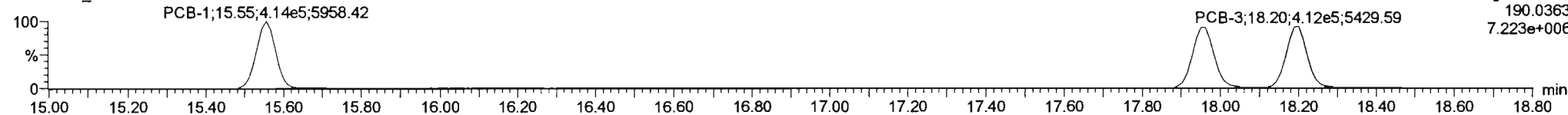
PCB-1

200929K2_2



F1:Voltage SIR,EI+
188.0393
2.272e+007

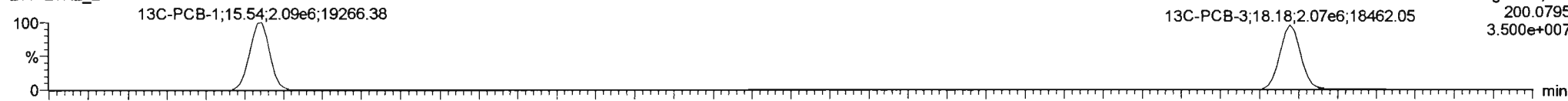
200929K2_2



F1:Voltage SIR,EI+
190.0363
7.223e+006

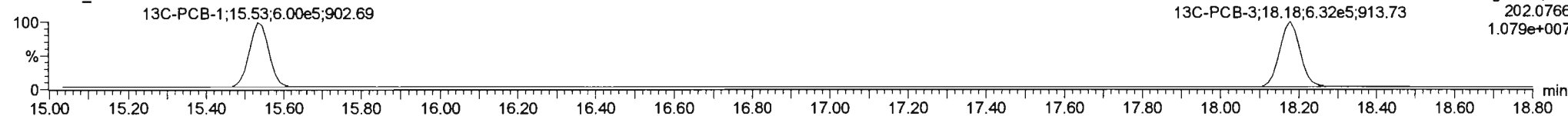
13C-PCB-1

200929K2_2



F1:Voltage SIR,EI+
200.0795
3.500e+007

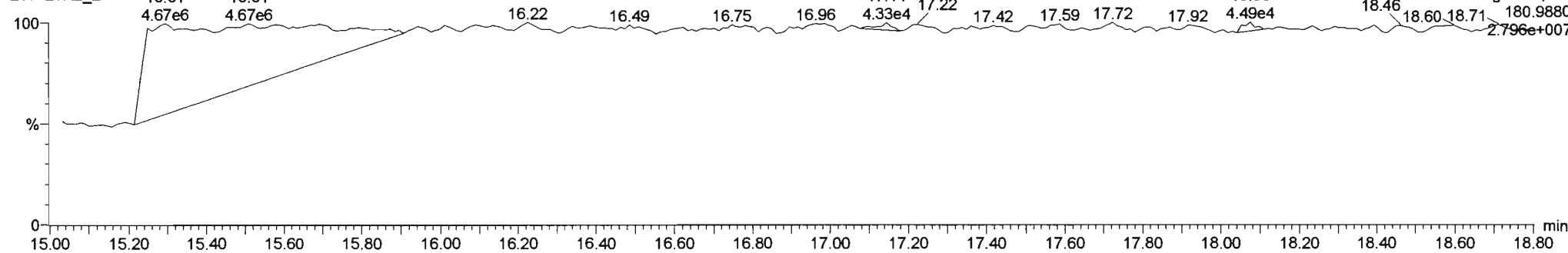
200929K2_2



F1:Voltage SIR,EI+
202.0766
1.079e+007

PFK1

200929K2_2



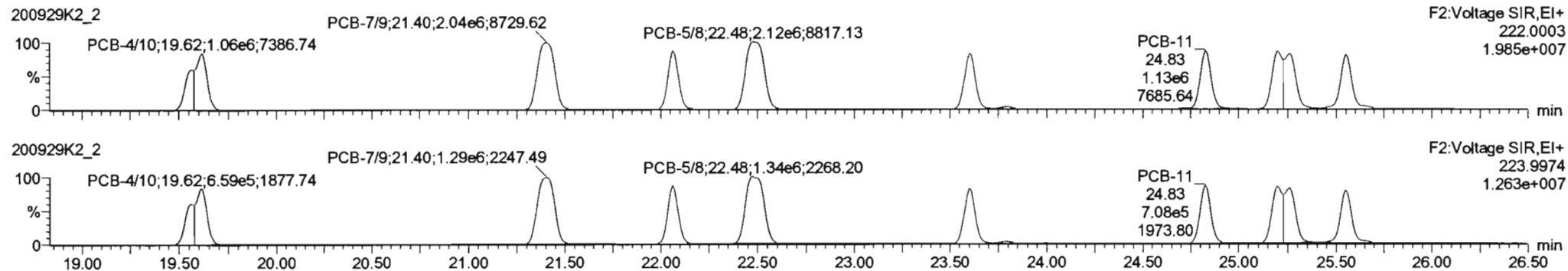
F1:Voltage SIR,EI+
180.9880
2.796e+007

Dataset: Untitled

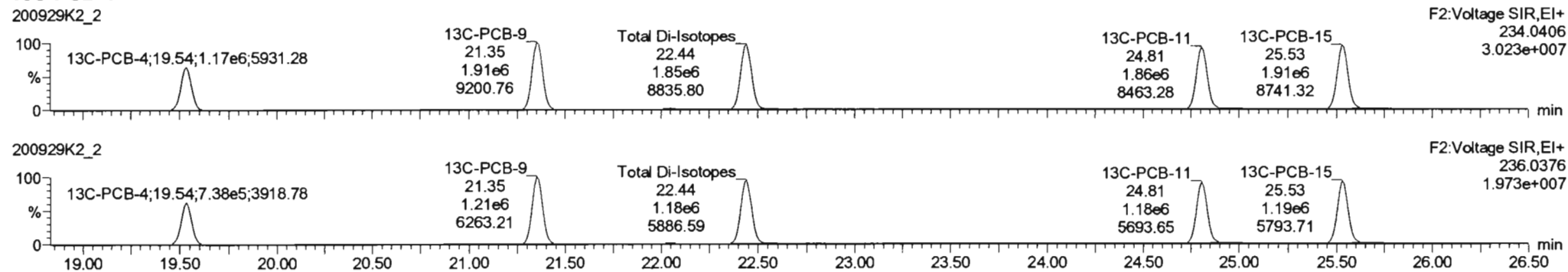
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

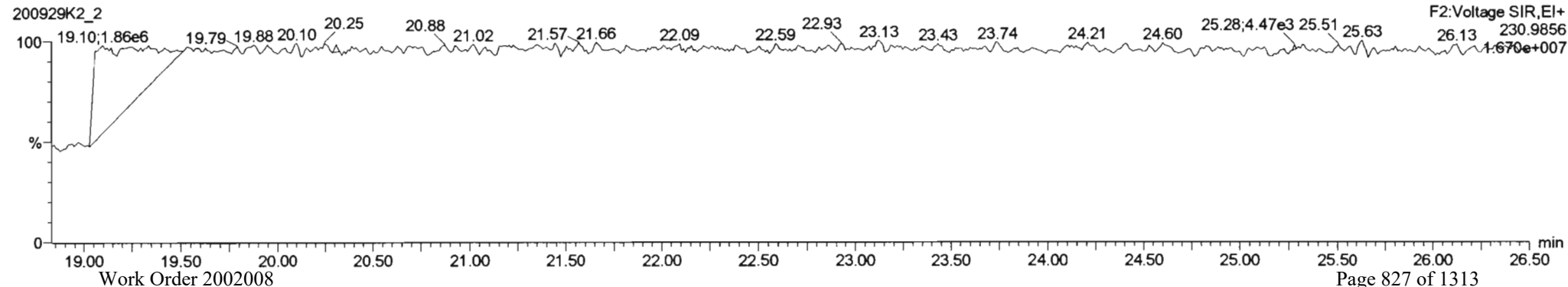
PCB-4/10



13C-PCB-4

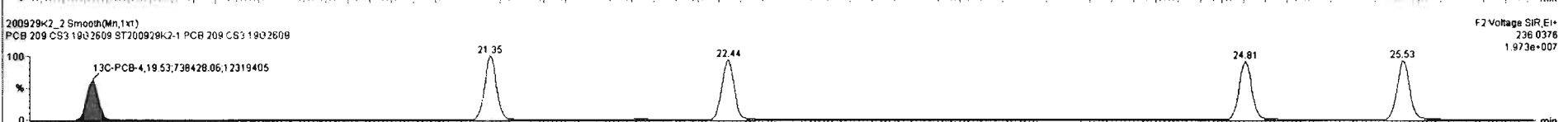
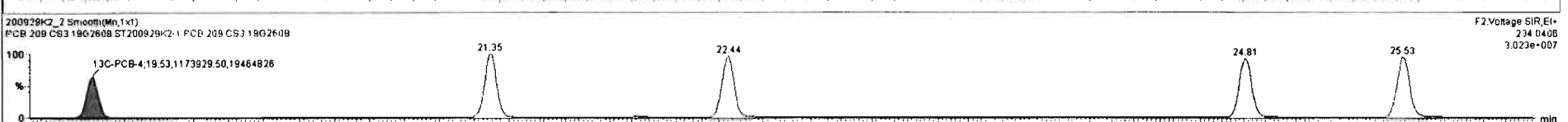
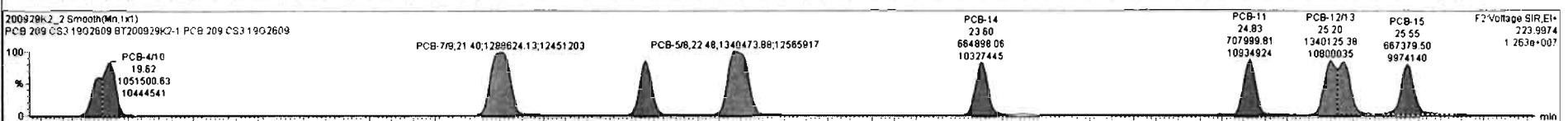
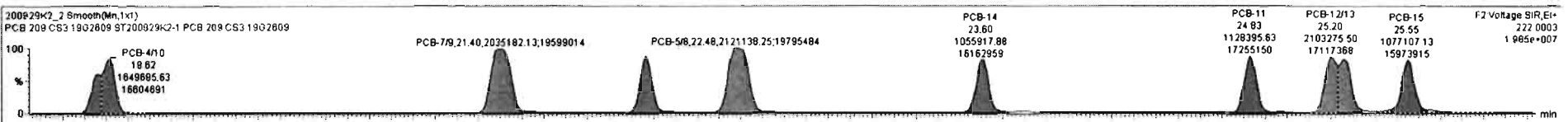


PFK2a



#	Name	Resp	RA	n/y	R/F	w/dst	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	2.03e6	0.79	NO	1.0621	1.000	37.78	37.78	0.968	0.968	NO	101.5	101	0.0493	
223	13C-PCB-178	8.13e5	0.46	NO	1.0508	1.000	45.89	45.87	0.923	0.923	NO	94.75	94.8	0.117	
224	224 Total Mono-PCBs				1.1665	1.000	0.00		0.000		NO	162.6		0.0266	162.6
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	665.8		0.268	665.8
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	413.0		0.0903	413.0
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	907.1		0.420	907.1
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2211		0.810	2211
229	229 2nd Function Quin-PCBs				1.2147	1.000	0.00		0.000		NO	2034		0.457	2034

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4n0	19.62	19.62	1.850e6	1.052e6	1.560	1.57	NO	113.17	113.17
2	5 PCB-79	21.41	21.40	2.035e6	1.289e6	1.560	1.58	NO	110.76	110.76
3	6 PCB-6	22.06	22.06	1.074e6	6.751e5	1.560	1.59	NO	54.867	54.867
4	7 PCB-58	22.47	22.48	2.121e6	1.340e6	1.560	1.58	NO	111.59	111.59
5	8 PCB-14	23.60	23.60	1.056e6	6.849e5	1.560	1.58	NO	55.747	55.747
6	9 PCB-11	24.83	24.83	1.128e6	7.080e5	1.560	1.58	NO	53.728	53.728
7	10 PCB-12n3	25.26	25.20	2.103e6	1.340e6	1.560	1.57	NO	110.53	110.53

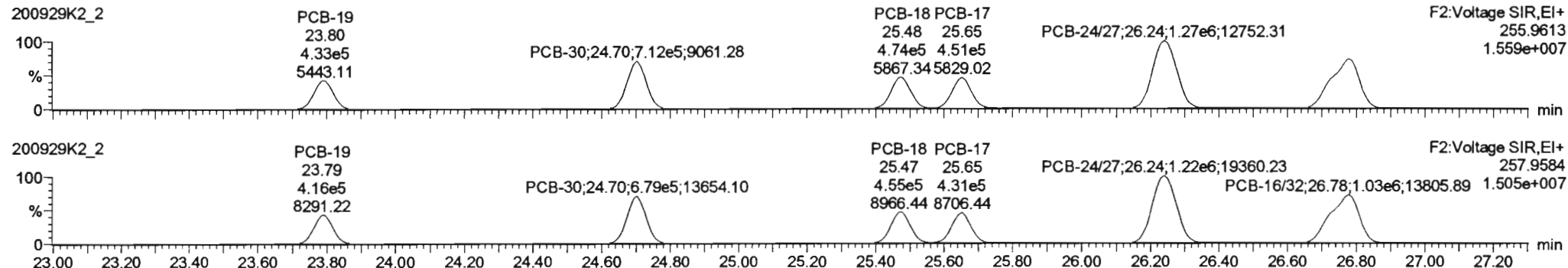


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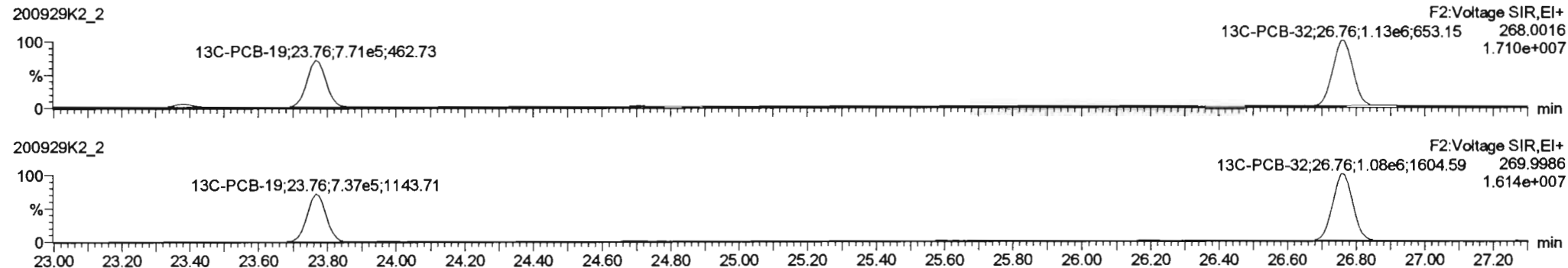
Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

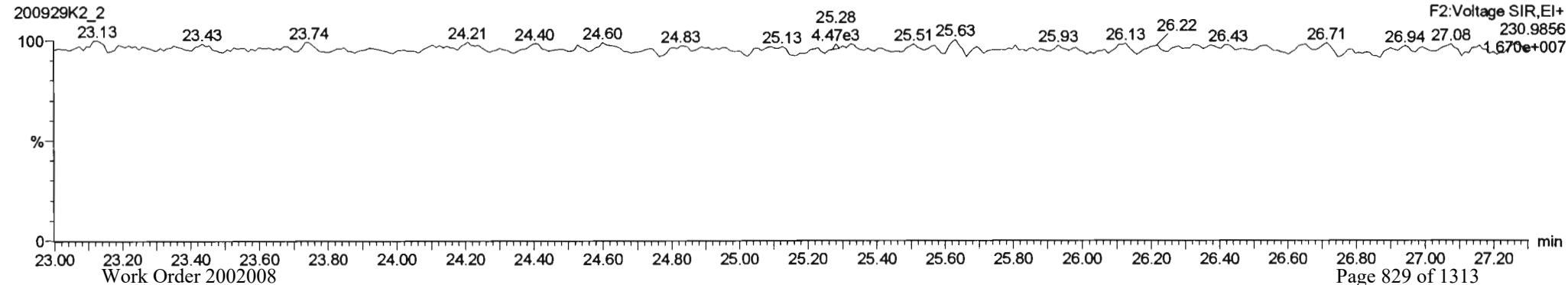
PCB-19



13C-PCB-19



PFK2b



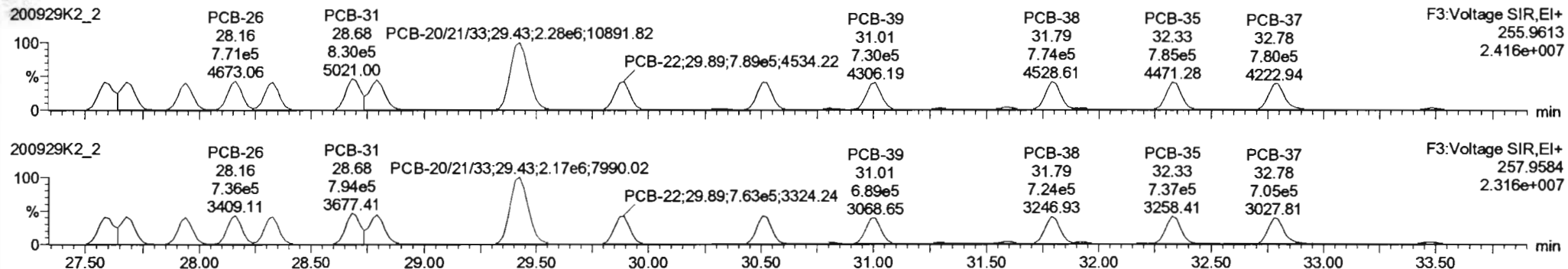
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Last Altered: Wednesday, September 30, 2020 07:18:59 Pacific Daylight Time

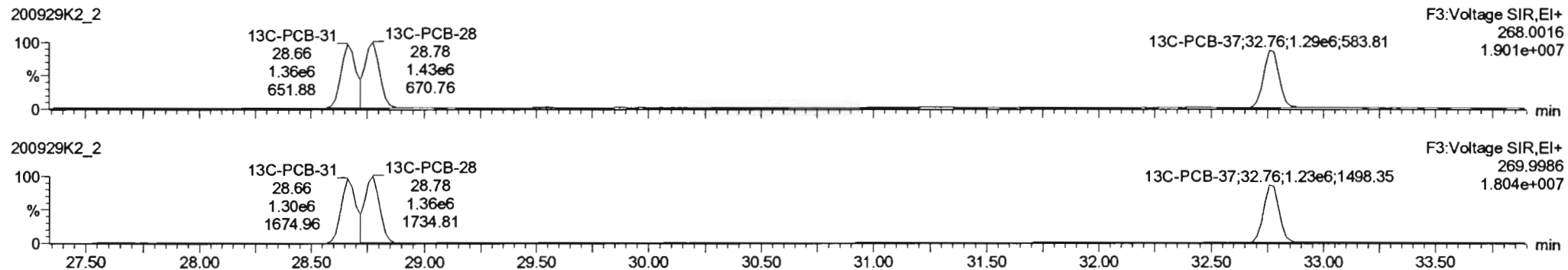
Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

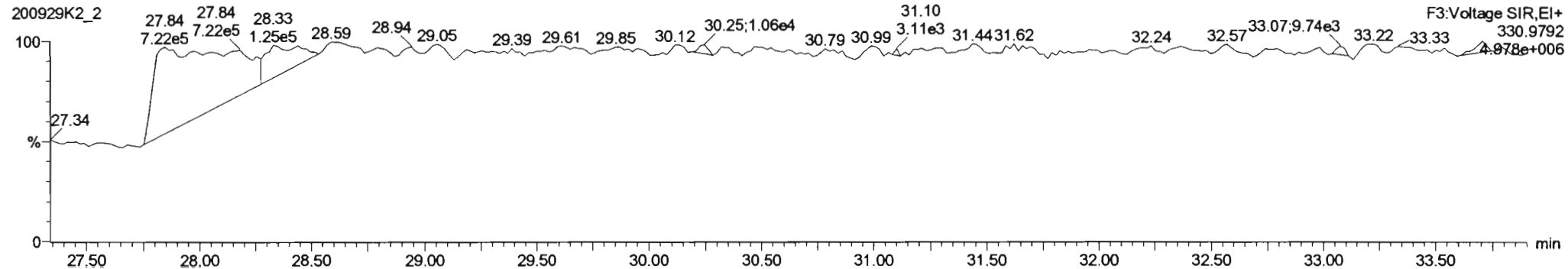
PCB-34



13C-PCB-28

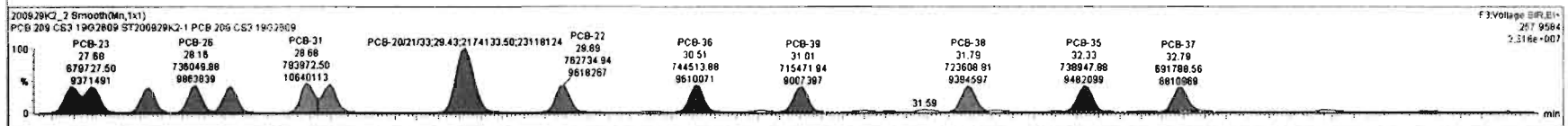
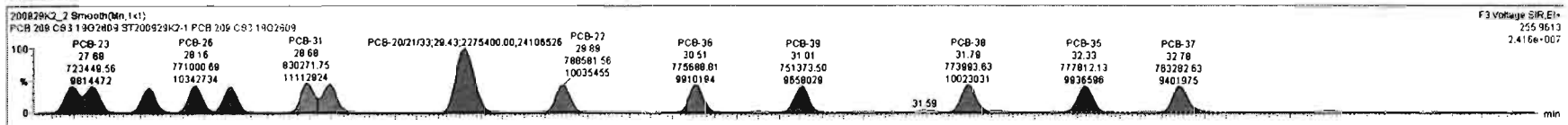


PFK3d



#	Name	Resp	RA	nly	RF	wAve	Pred.RT	RT	Pred.R	RR1	RR1 Fail	Conc.	%Rec	DL	EWPC
222	222 13C-PCB-79	2.03e6	0.79	NO	1.0821	1.000	37.78	37.78	0.988	0.988	NO	101.5	101	0.0493	
223	223 13C-PCB-178	8.13e5	0.46	NO	1.0508	1.000	45.88	45.87	0.823	0.823	NO	94.75	94.8	0.117	
224	224 Total Mono-PCBs				1.1685	1.000	0.00		0.000		NO	162.6		0.0286	187.6
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	885.8		0.286	685.8
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	413.0		0.0803	413.0
227	227 3rd Function Tri-PCBs				0.9635	1.000	0.00		0.000		NO	909.2		0.420	909.2
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2211		0.610	2211
229	229 Total Function Bunka PCBs				1.1477	1.000	0.00		0.000		NO	5053		0.613	5053

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EWPC	Conc.
1	18 PCB-34	27.80	27.58	7.800e5	7.773e5	1.040	1.04	NO	56.327	56.327
2	19 PCB-23	27.70	27.68	7.234e5	6.797e5	1.040	1.06	NO	56.905	56.905
3	20 PCB-28	27.95	27.94	7.197e5	6.889e5	1.040	1.04	NO	56.495	56.495
4	21 PCB-26	28.16	28.16	7.710e5	7.380e5	1.040	1.05	NO	57.168	57.168
5	22 PCB-25	28.33	28.33	7.584e5	7.288e5	1.040	1.04	NO	55.992	55.992
6	23 PCB-31	28.68	28.68	8.303e5	7.840e5	1.040	1.05	NO	56.123	56.123
7	24 PCB-28	28.78	28.79	8.478e5	8.073e5	1.040	1.05	NO	57.808	57.808

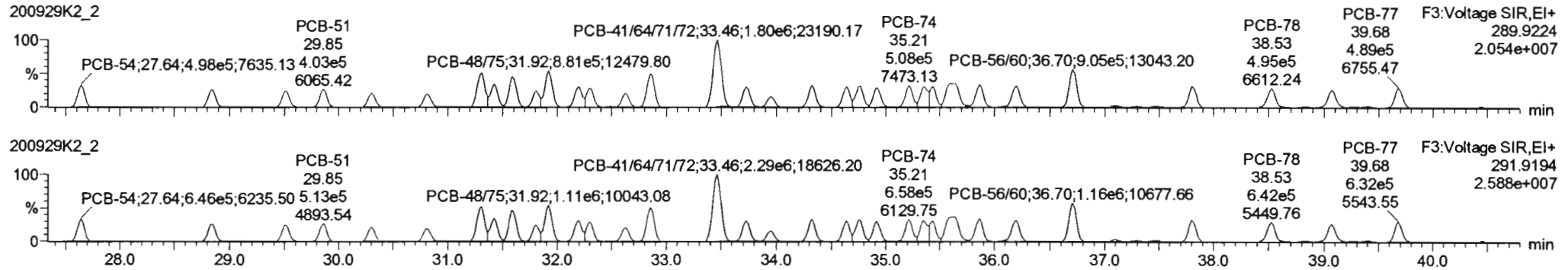


Dataset: Untitled

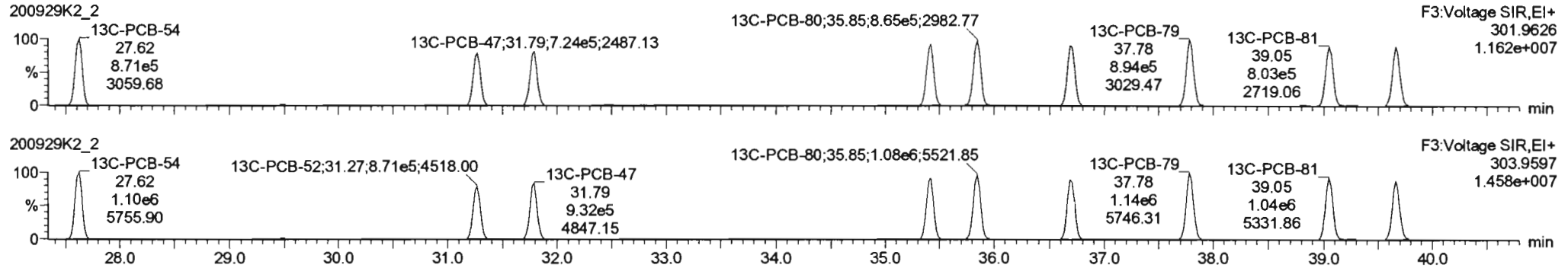
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

Name: 200929K2_2, Date: 30-Sep-2020, Time: 04:04:50, ID: ST200929K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

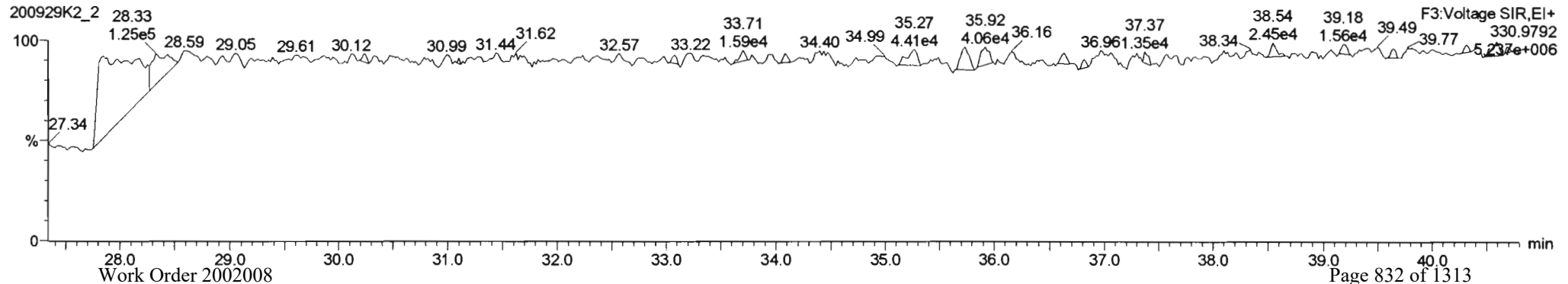
PCB-54



13C-PCB-54



PFK3a



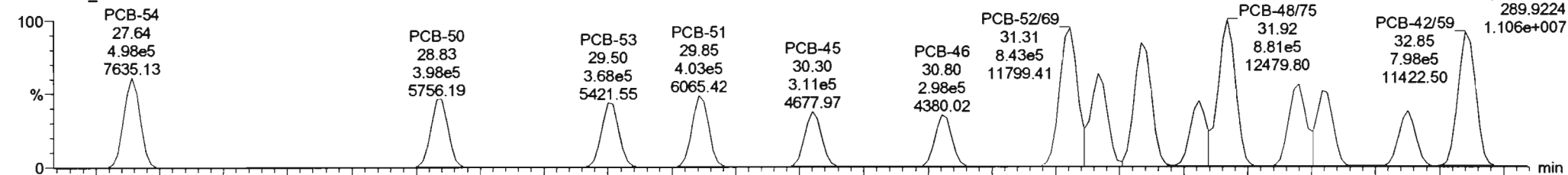
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

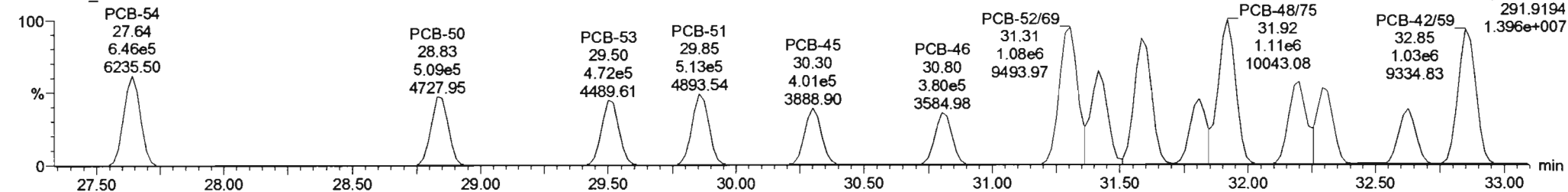
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PCB-50

200929K2_2

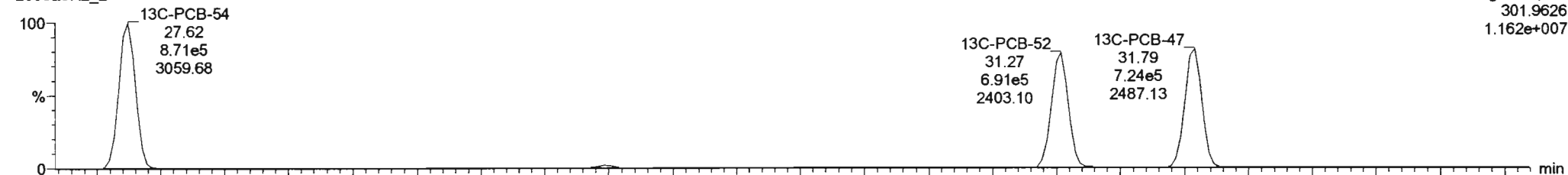


200929K2_2

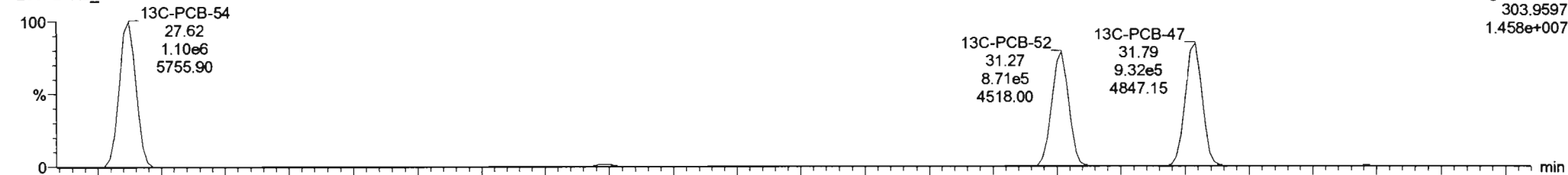


13C-PCB-52

200929K2_2



200929K2_2



Dataset: Untitled

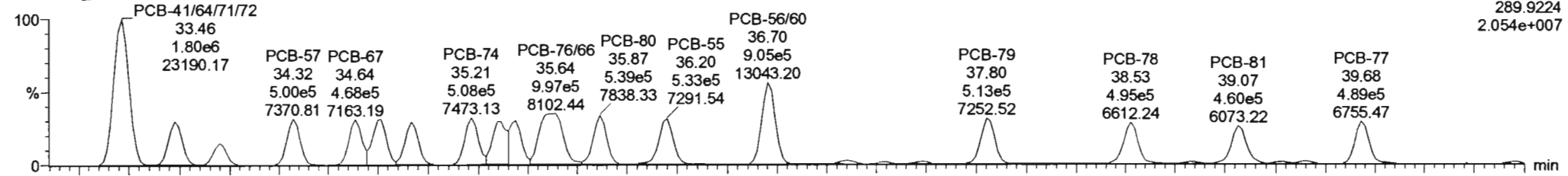
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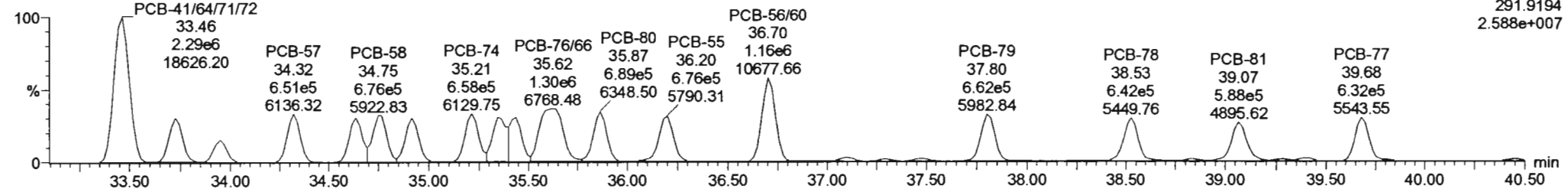
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PCB-68

200929K2_2

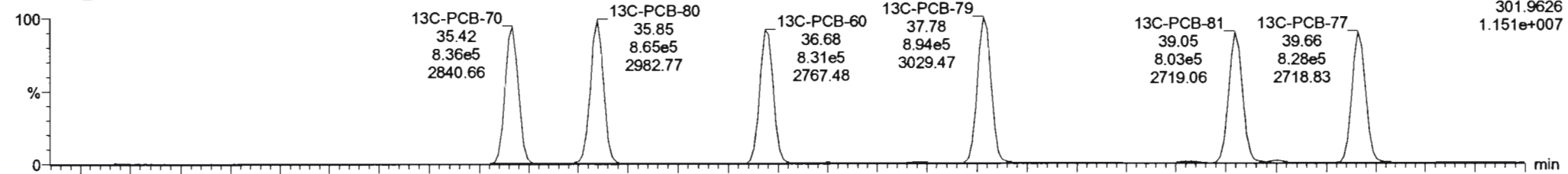


200929K2_2

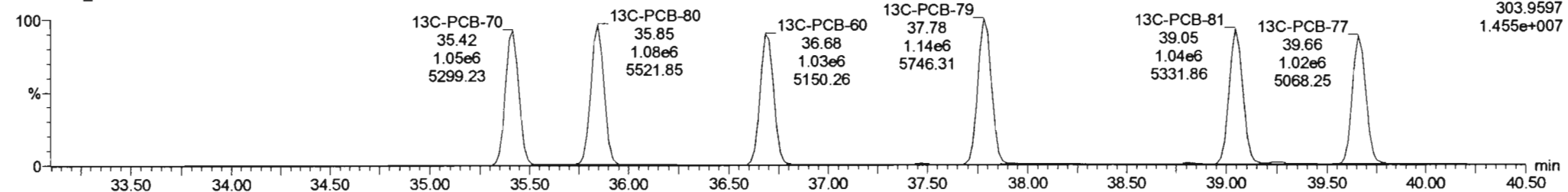


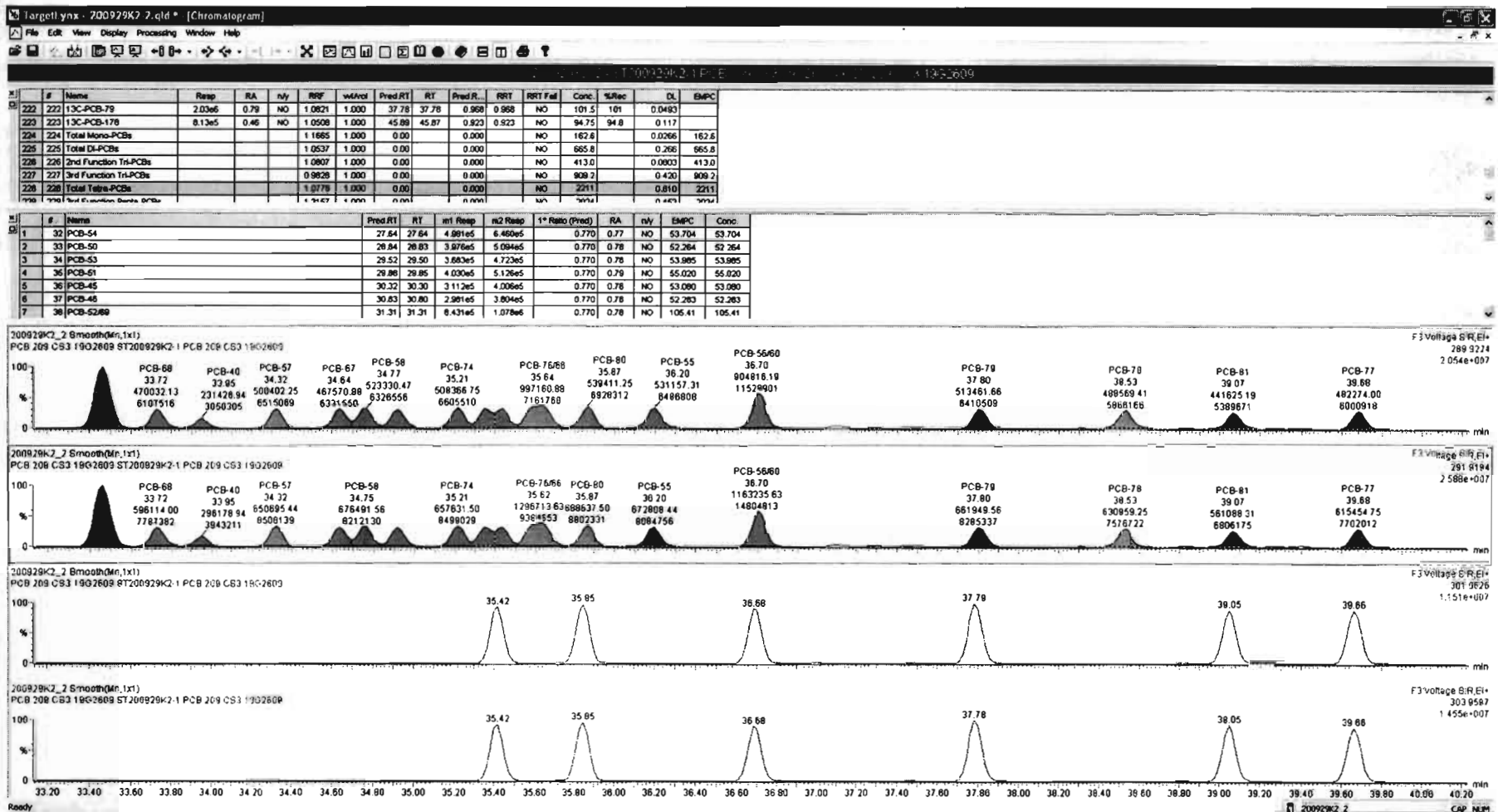
13C-PCB-60

200929K2_2



200929K2_2





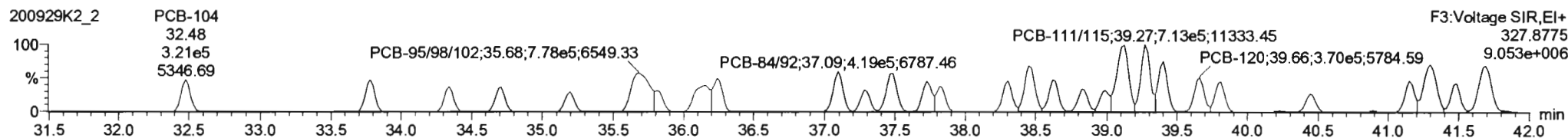
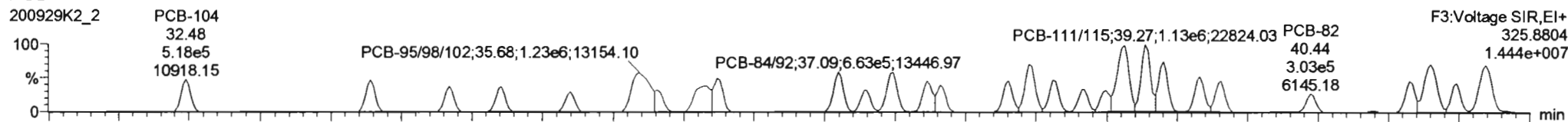
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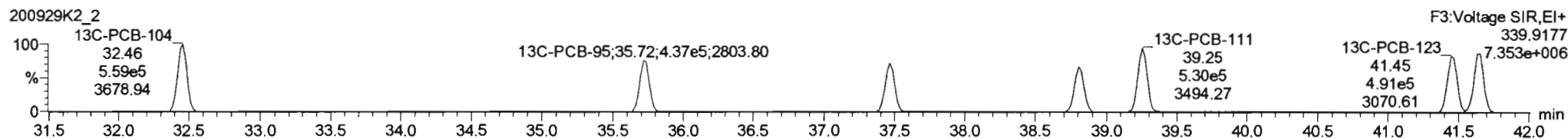
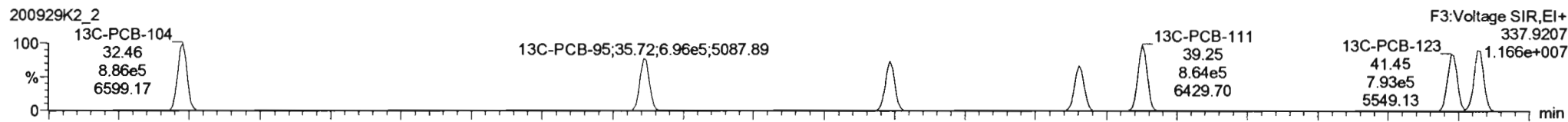
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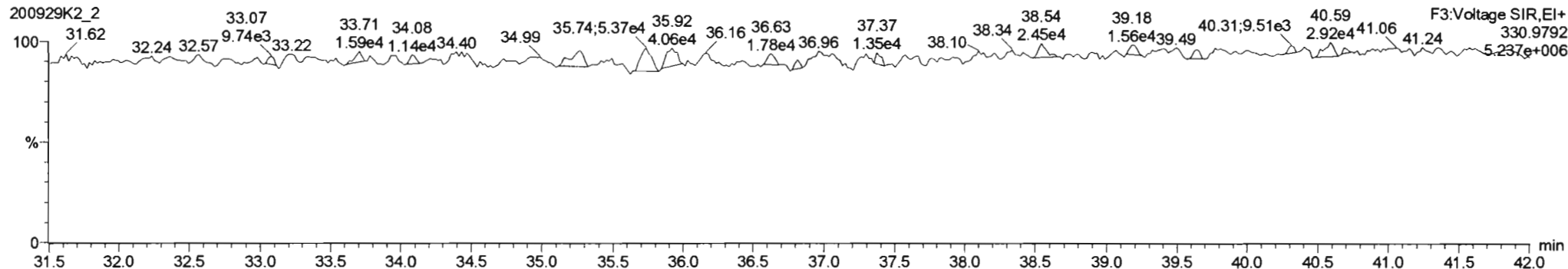
PCB-104



13C-PCB-104



PFK3b



Dataset: Untitled

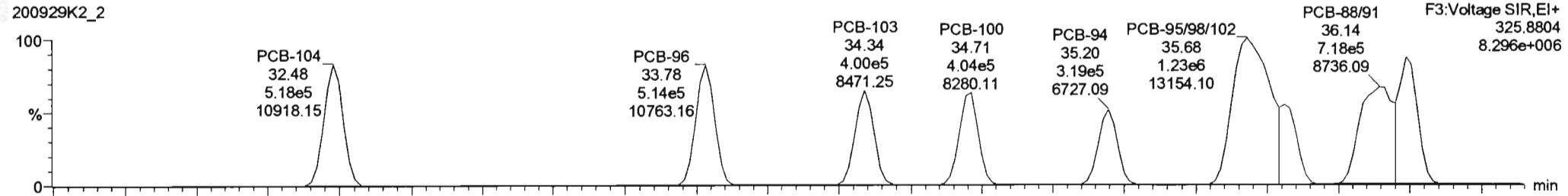
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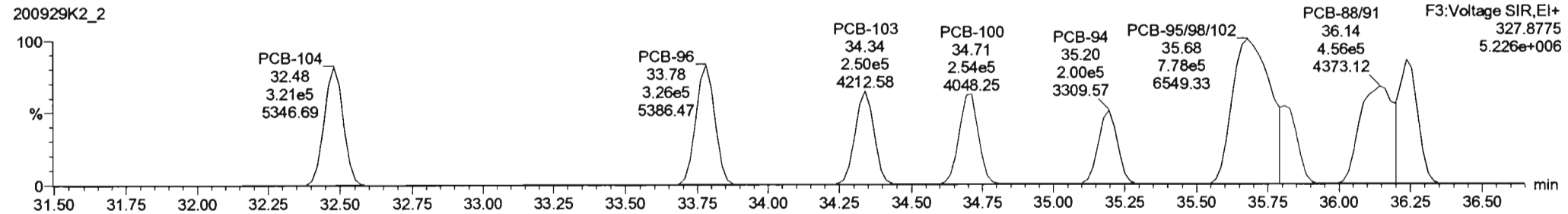
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PCB-96

200929K2_2

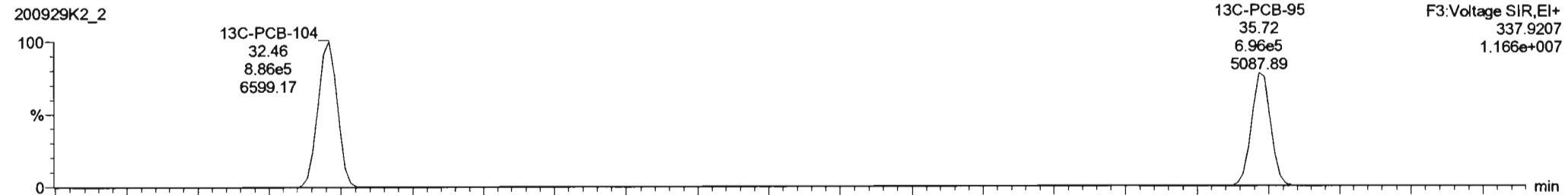


200929K2_2

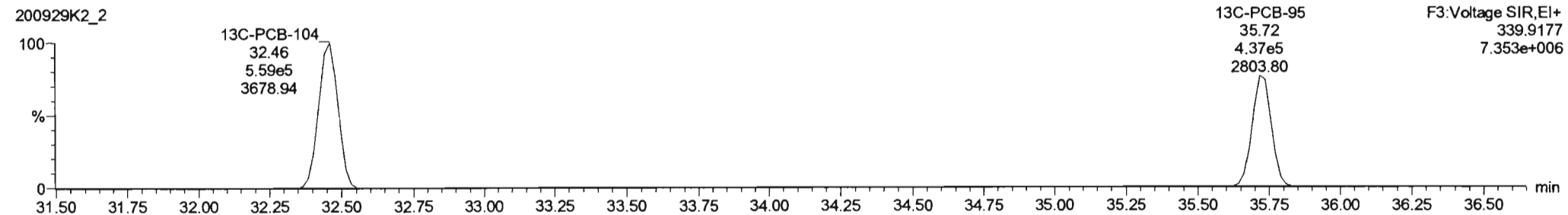


13C-PCB-95

200929K2_2



200929K2_2



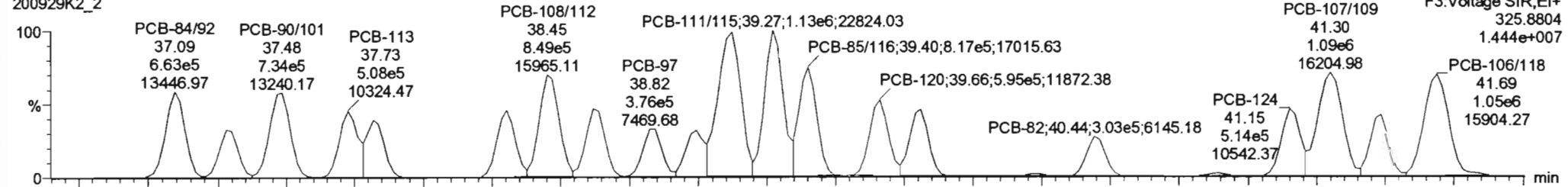
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

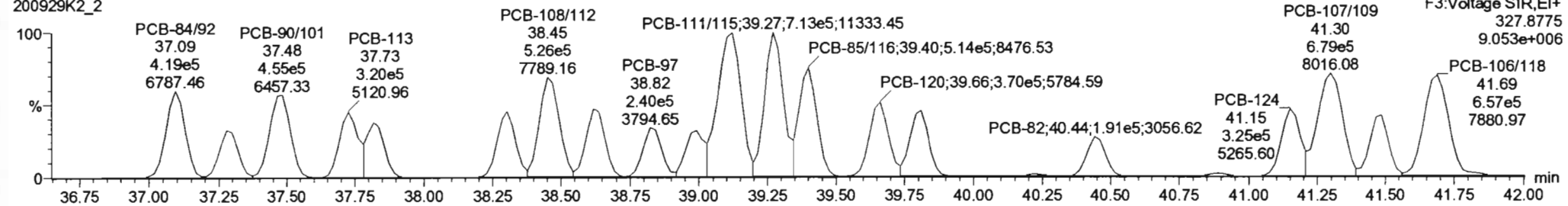
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PCB-119

200929K2_2

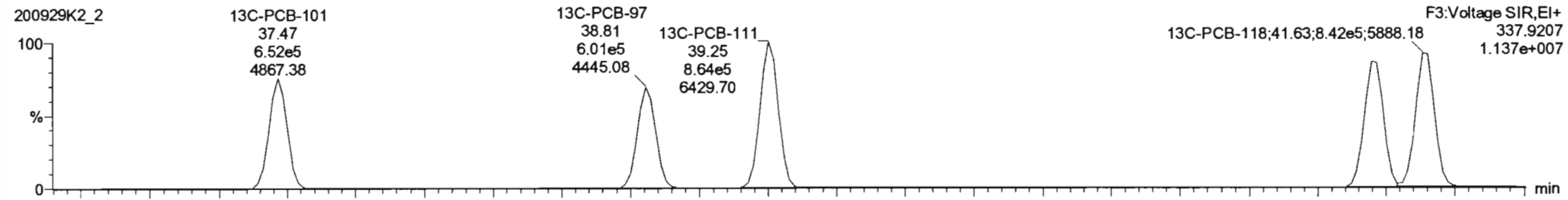


200929K2_2

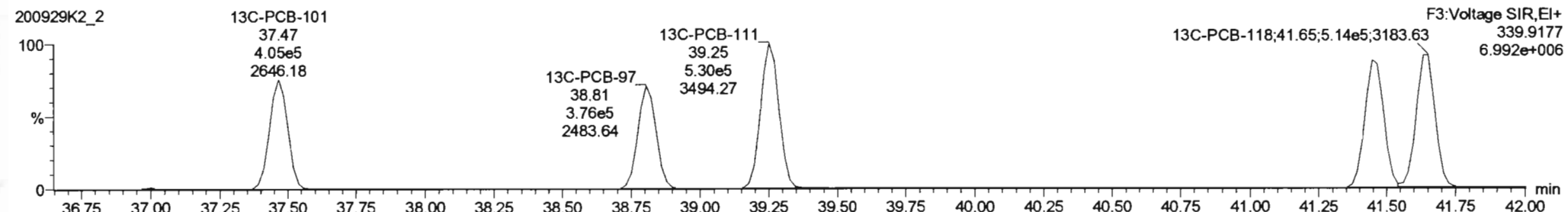


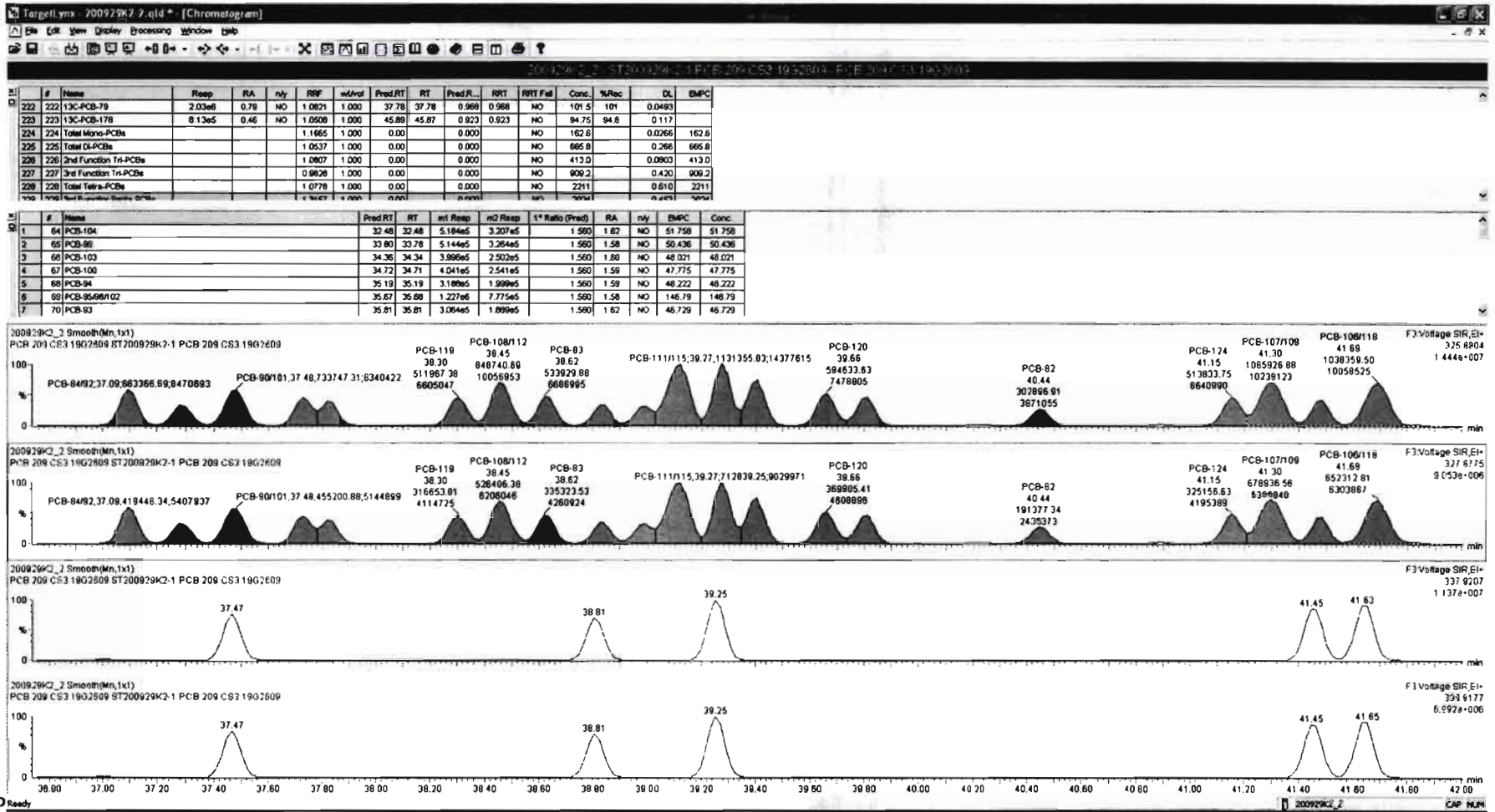
13C-PCB-111

200929K2_2



200929K2_2





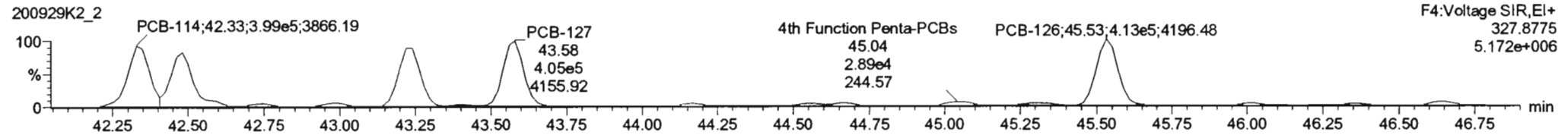
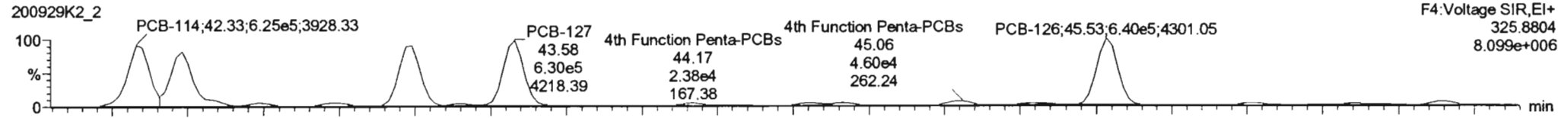
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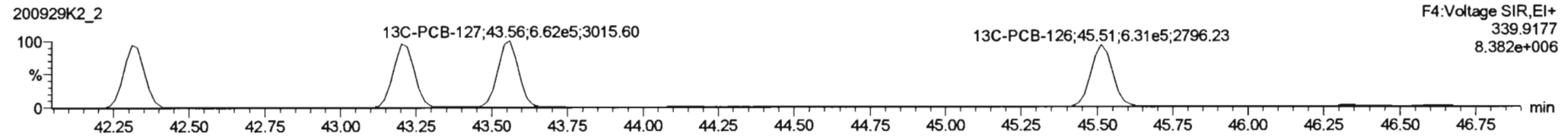
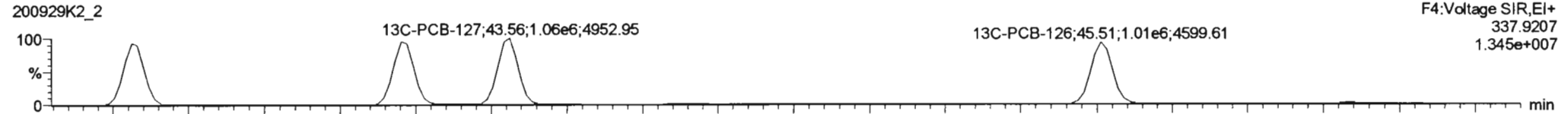
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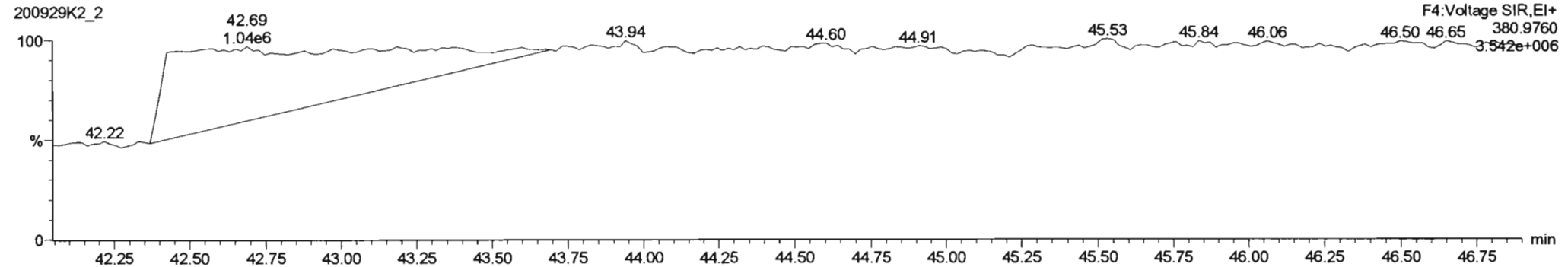
PCB-114



13C-PCB-114

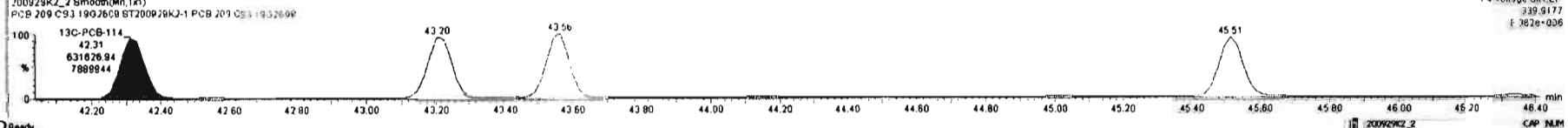
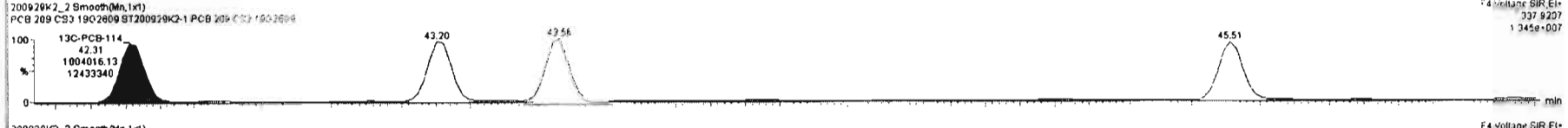
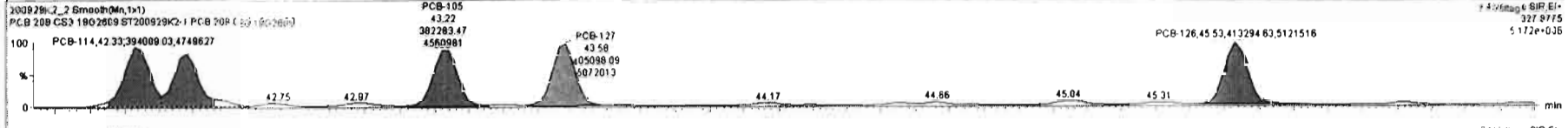
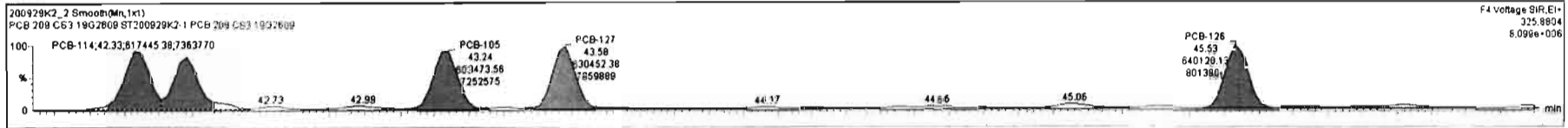


PFK4a



#	Name	Resp	RA	nly	RRF	wtAvcl	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0736	1.000	0.00	0.000				280.8		0.140	280.8
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000		NO		677.7		0.195	677.7
232	4th Function Hexa-PCBs				1.0316	1.000	0.00	0.000		NO		1457		1.18	1457
233	Total Hepta-PCBs				1.3551	1.000	0.00	0.000		NO		1209		1.10	1209
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000		NO		437.4		0.249	437.4
235	5th Function Octa-PCBs				1.1499	1.000	0.00	0.000		NO		160.0		0.164	160.0
236	Total Nona-PCBs				0.8523	1.000	0.00	0.000		NO		157.7		0.184	157.7

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.33	42.33	6.174e5	3.940e5	1.560	1.57	NO	54.189	54.189
2	94 PCB-122	42.46	42.48	5.500e5	3.511e5	1.560	1.57	NO	58.345	58.345
3	95 PCB-105	43.22	43.24	6.035e5	3.823e5	1.550	1.56	NO	66.498	66.498
4	96 PCB-127	43.58	43.58	6.305e5	4.051e5	1.560	1.56	NO	56.734	56.734
5	97 PCB-126	45.53	45.53	6.401e5	4.133e5	1.560	1.55	NO	54.817	54.817



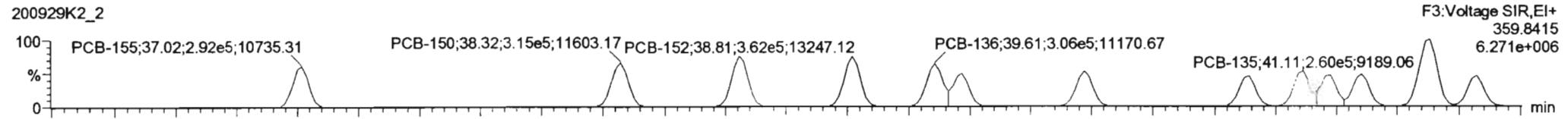
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

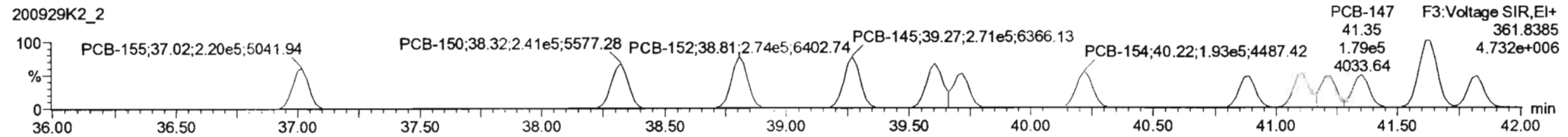
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PCB-155

200929K2_2

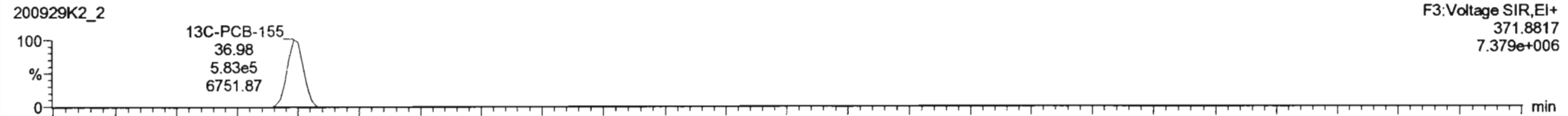


200929K2_2

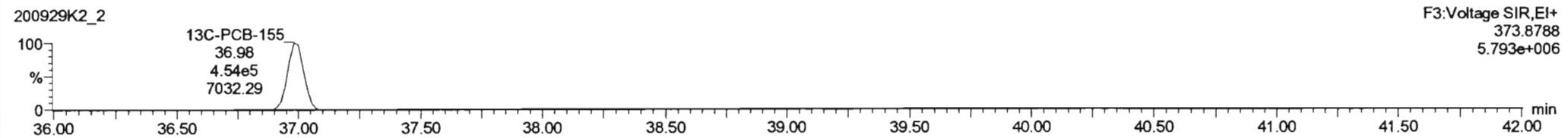


13C-PCB-155

200929K2_2

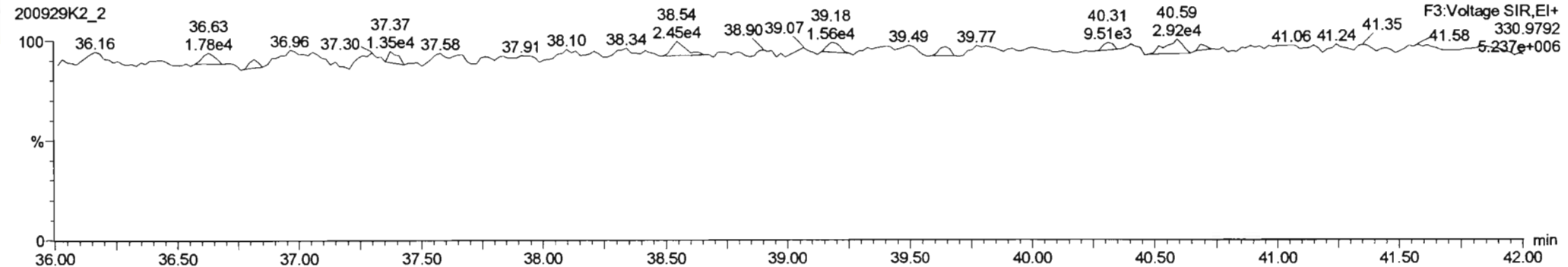


200929K2_2



PFK3c

200929K2_2

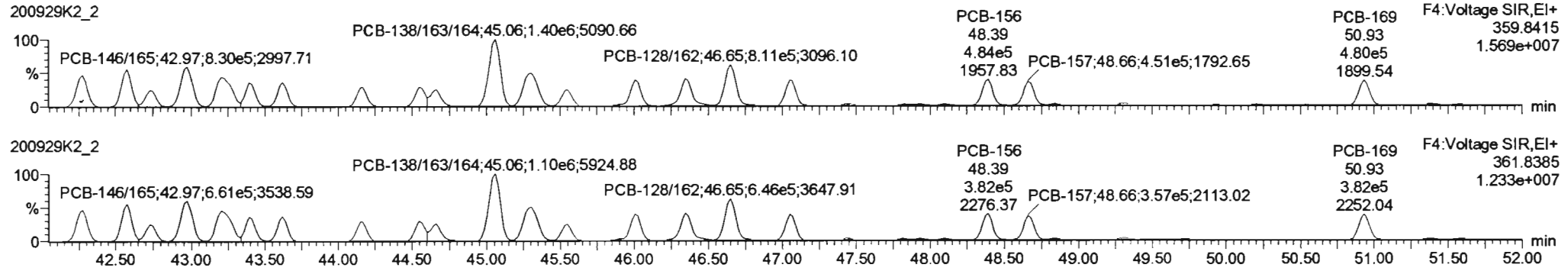


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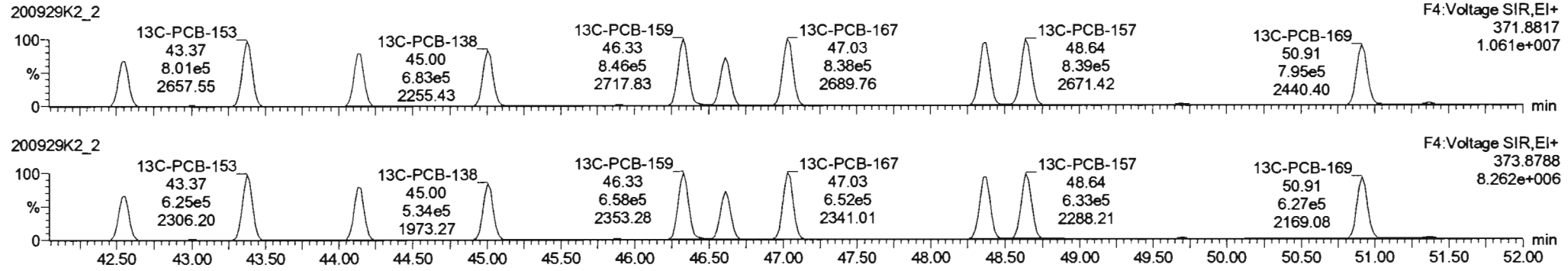
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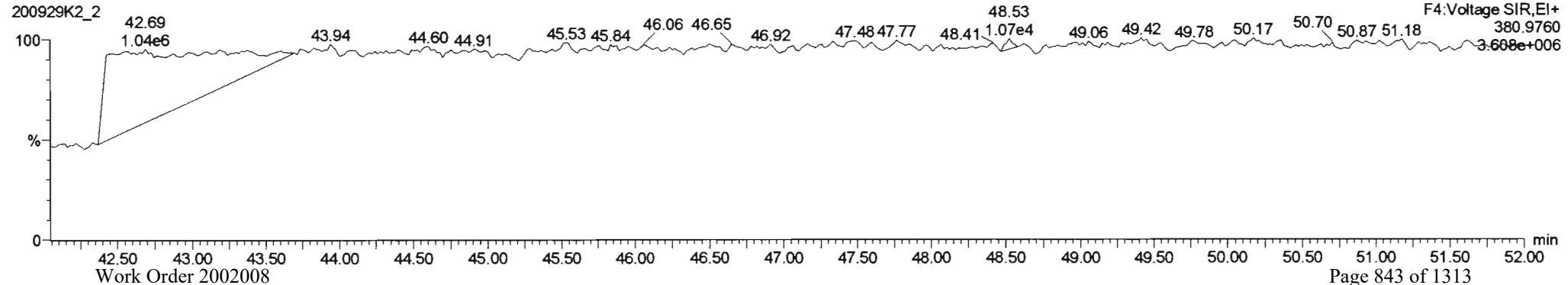
PCB-134/143



13C-PCB-153

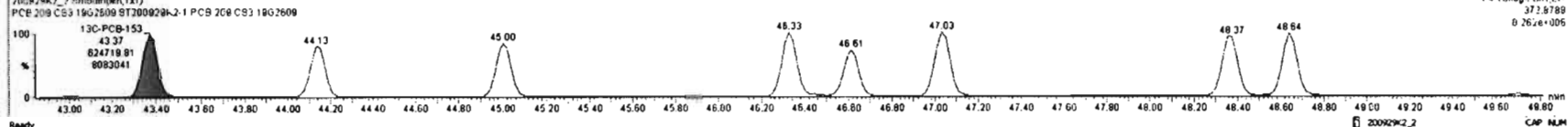
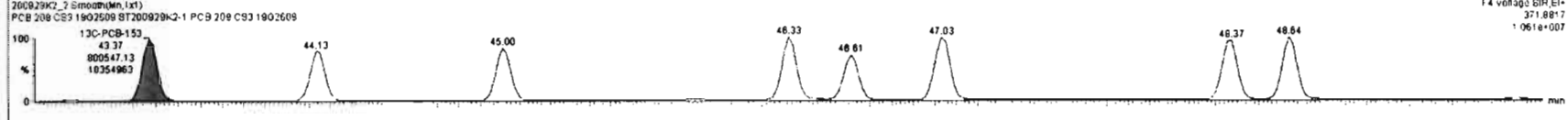
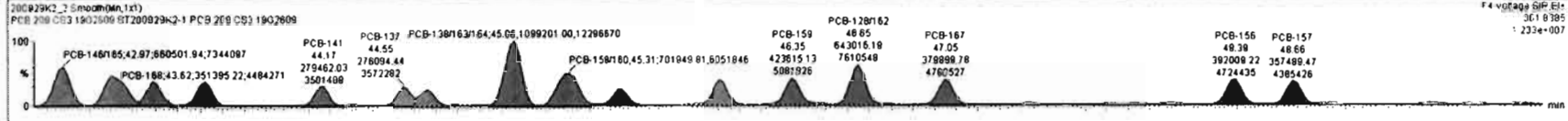
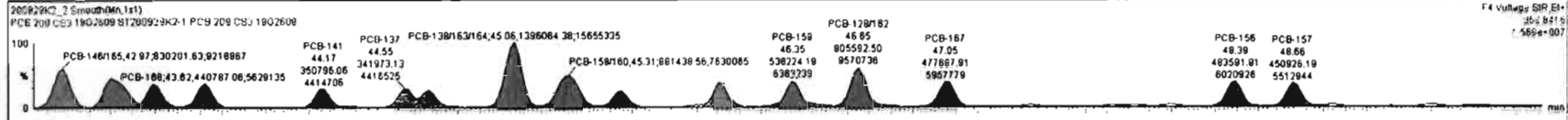


PFK4b



#	Name	Resp	RA	rvy	RFV	wAmt	Prod.RT	RT	Prod.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230	4th Function Penta-PCBs			1.0735	1.000	0.00	0.000		NO		280.6	0.140	280.6	
231	231	3rd Function Hexa-PCBs			0.8505	1.000	0.00	0.000		NO		677.7	0.195	677.7	
232	232	4th Function Hepta-PCBs			1.0318	1.000	0.00	0.000		NO		1487	1.18	1487	
233	233	Total Hepta-PCBs			1.3551	1.000	0.00	0.000		NO		1389	1.10	1389	
234	234	4th Function Octa-PCBs			1.0008	1.000	0.00	0.000		NO		437.4	0.249	437.4	
235	235	5th Function Octa-PCBs			1.1499	1.000	0.00	0.000		NO		180.0	0.184	180.0	
236	236	Total Hepta-PCBs			0.9523	1.000	0.00	0.000		NO		157.7	0.184	157.7	

#	Name	Prod.RT	RT	Int Resp	Int Resp	1st Ratio (Prod)	RA	rvy	EMPC	Conc.
1	111 PCB-134/143	42.38	42.27	6.332e5	5.057e5	1.240	1.25	NO	105.29	105.29
2	112 PCB-131/133	42.57	42.58	6.219e5	5.289e5	1.240	1.27	NO	102.85	102.85
3	113 PCB-142	42.77	42.73	3.070e5	2.471e5	1.240	1.27	NO	51.071	51.071
4	114 PCB-148/165	42.95	42.97	6.302e5	6.505e5	1.240	1.26	NO	102.08	102.08
5	115 PCB-132/161	43.20	43.20	6.329e5	6.882e5	1.240	1.25	NO	102.98	102.98
6	116 PCB-153	43.38	43.38	4.385e5	3.487e5	1.240	1.25	NO	51.523	51.523
7	117 PCB-168	43.62	43.62	4.409e5	3.514e5	1.240	1.25	NO	51.596	51.596



Dataset: Untitled

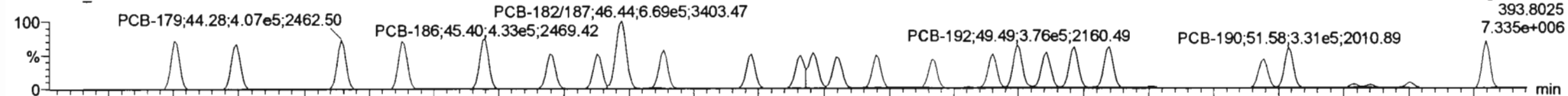
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

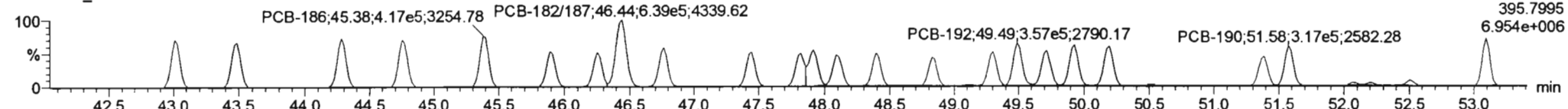
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PCB-188

200929K2_2

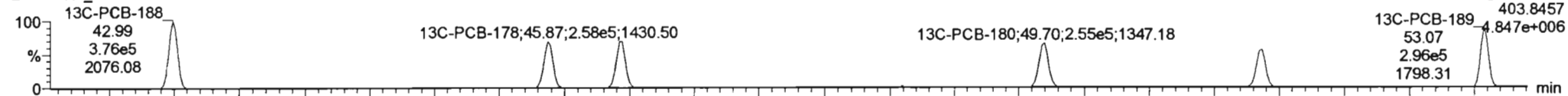


200929K2_2

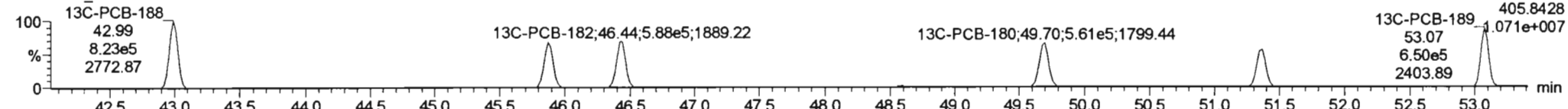


13C-PCB-188

200929K2_2

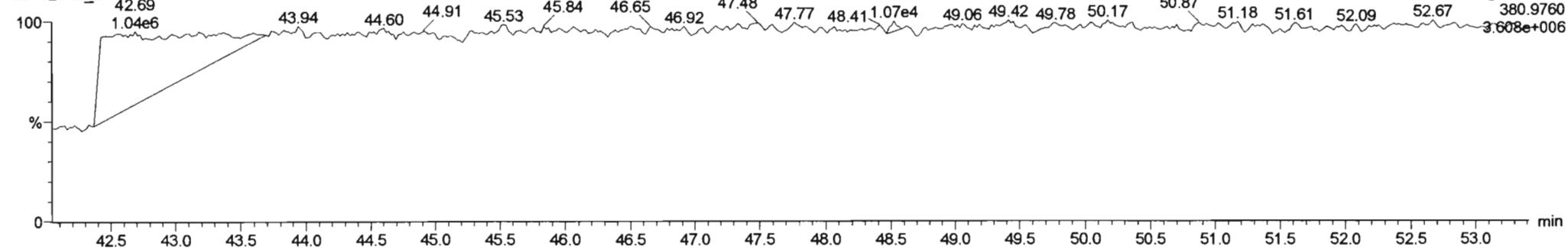


200929K2_2



PFK4c

200929K2_2



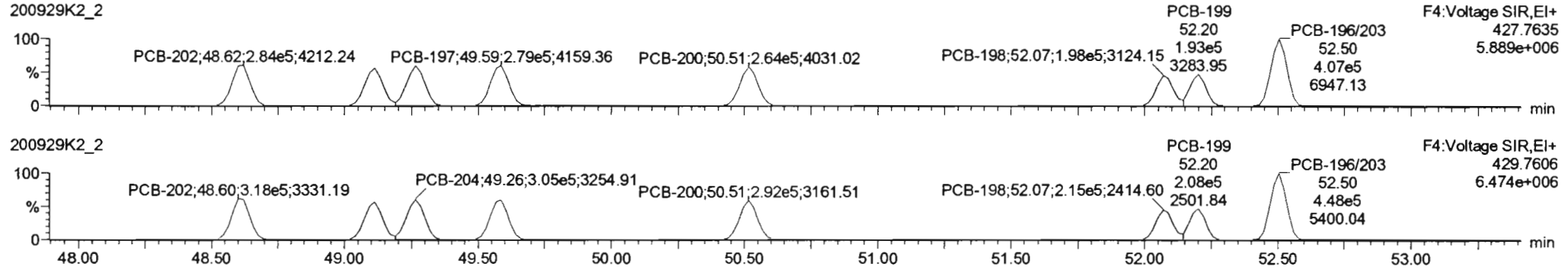
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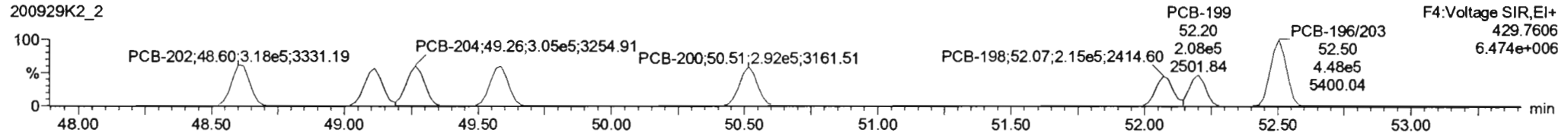
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PCB-202

200929K2_2

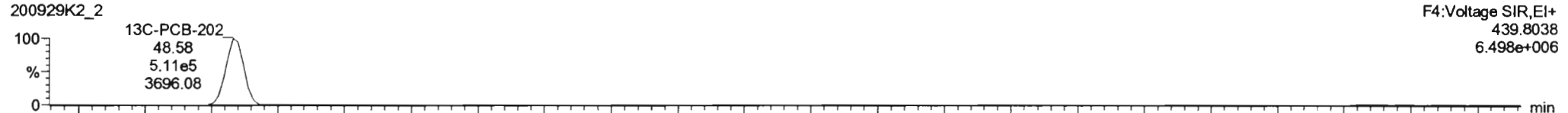


200929K2_2

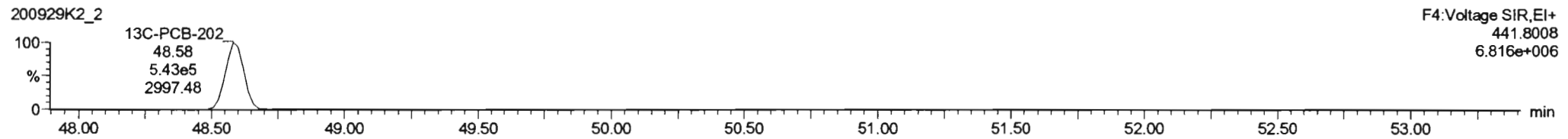


13C-PCB-202

200929K2_2

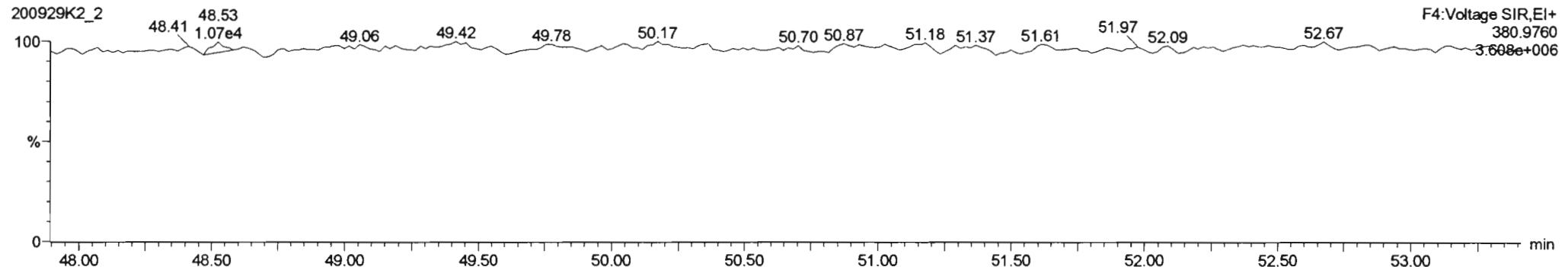


200929K2_2



PFK4d

200929K2_2



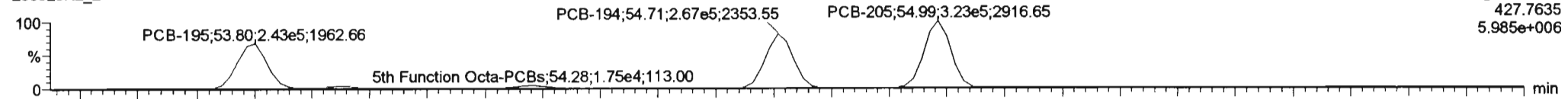
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Printed: Wednesday, September 30, 2020 07:22:34 Pacific Daylight Time

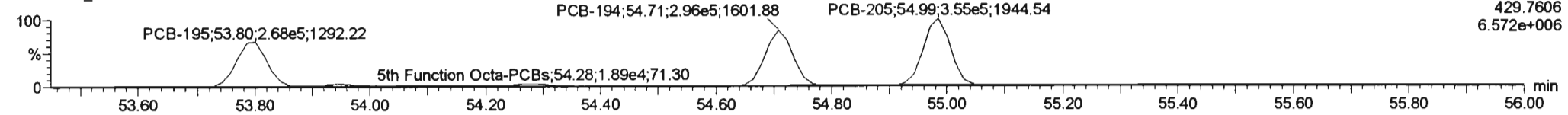
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PCB-195

200929K2_2

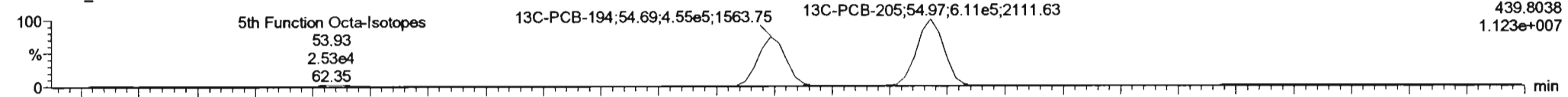


200929K2_2

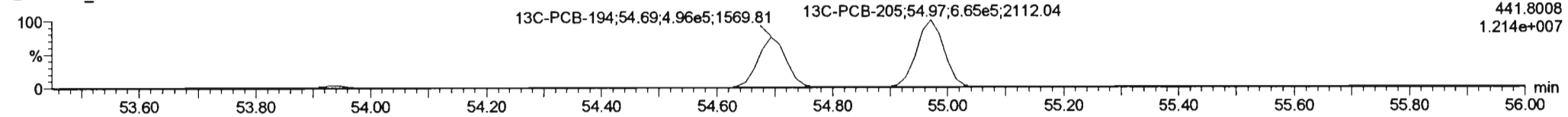


13C-PCB-194

200929K2_2

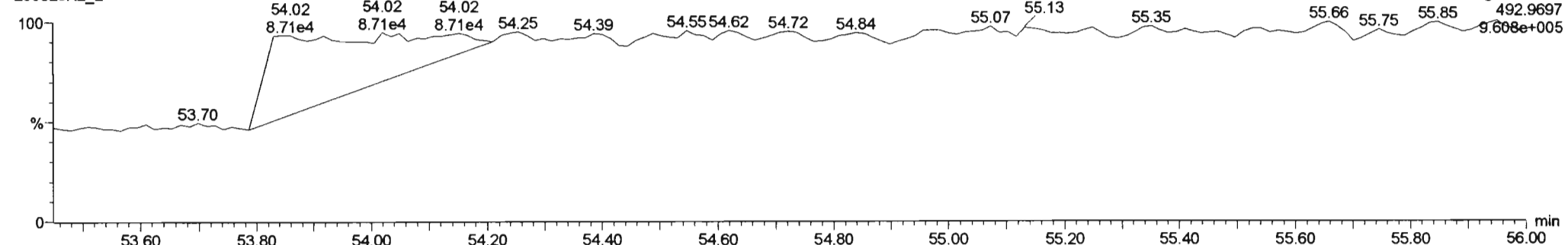


200929K2_2



PFK5a

200929K2_2



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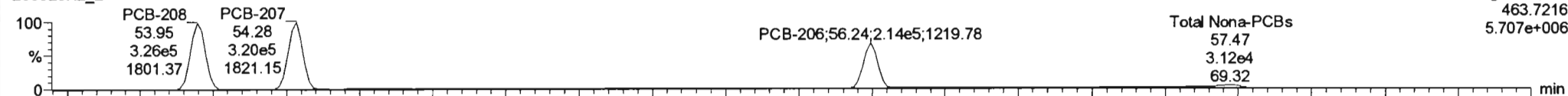
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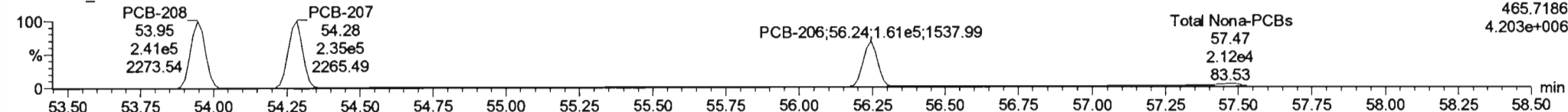
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PCB-208

200929K2_2

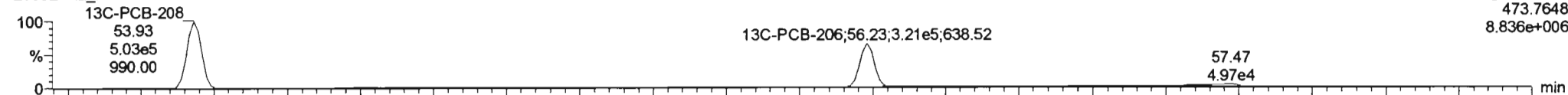


200929K2_2

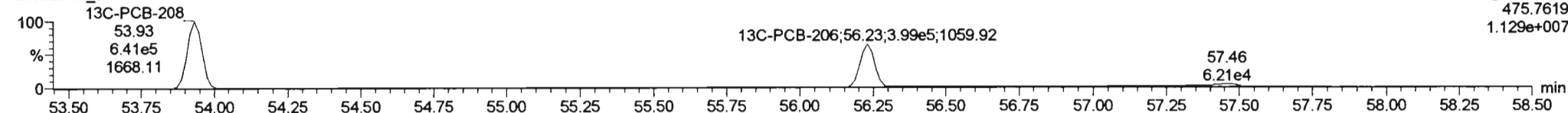


13C-PCB-208

200929K2_2

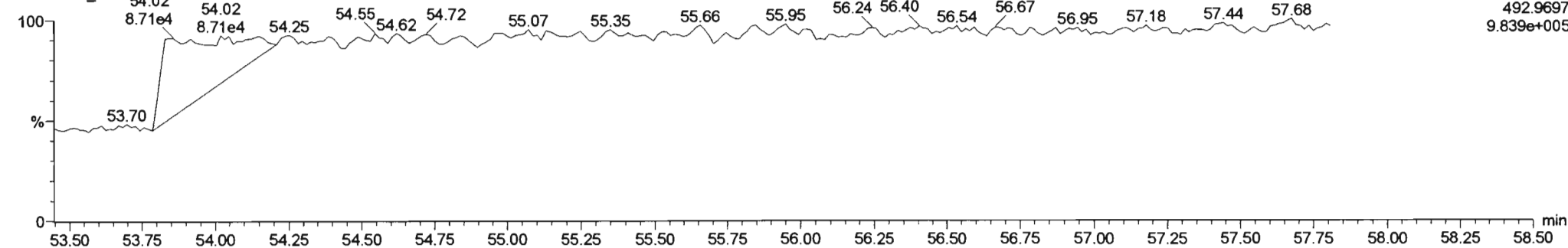


200929K2_2



PFK5

200929K2_2



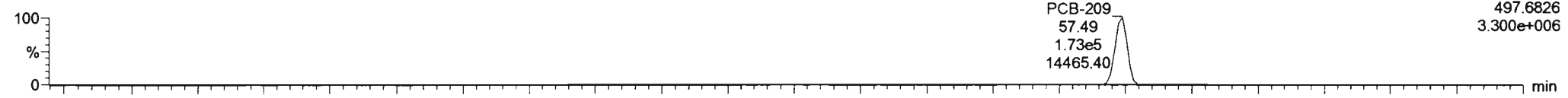
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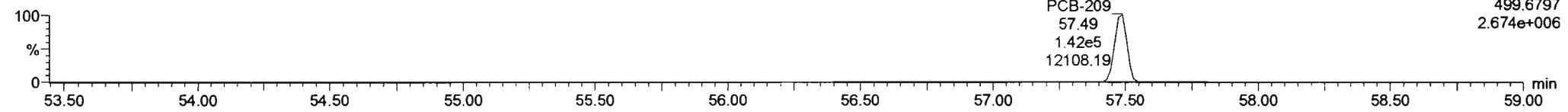
PCB-209

200929K2_2



F5:Voltage SIR,EI+
497.6826
3.300e+006

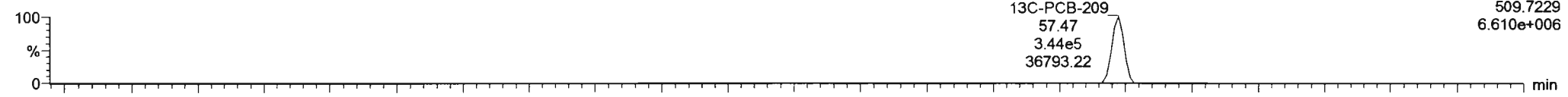
200929K2_2



F5:Voltage SIR,EI+
499.6797
2.674e+006

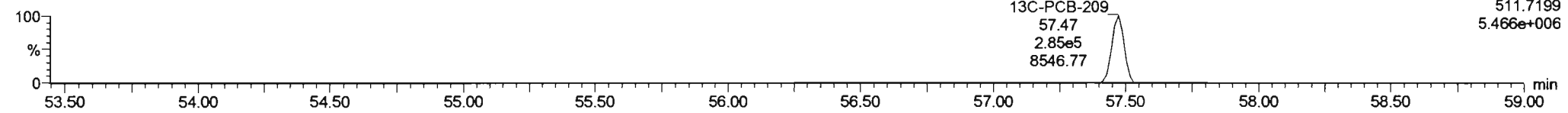
13C-PCB-209

200929K2_2



F5:Voltage SIR,EI+
509.7229
6.610e+006

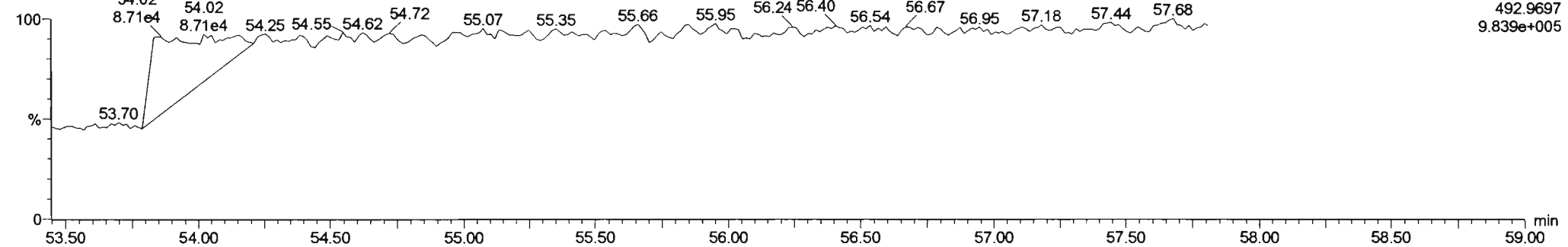
200929K2_2



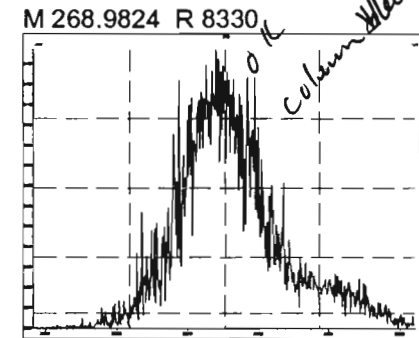
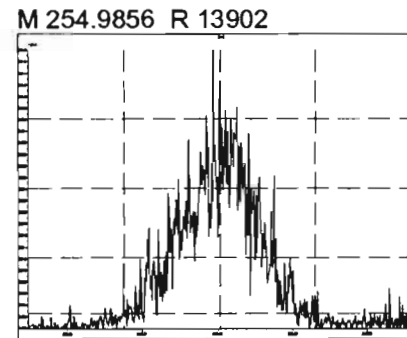
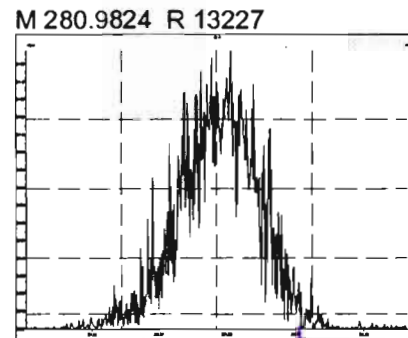
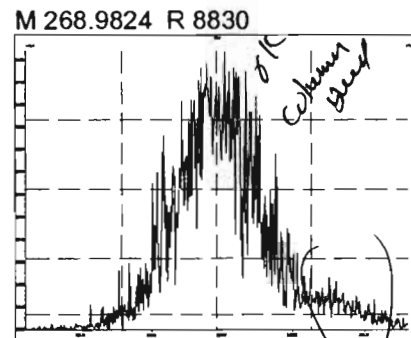
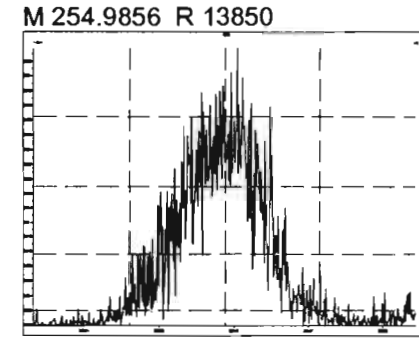
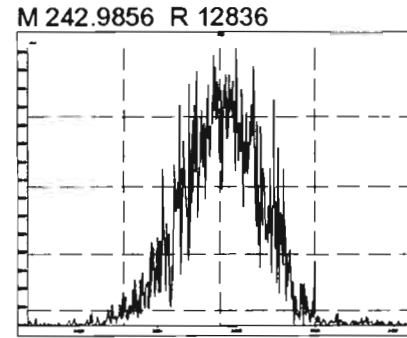
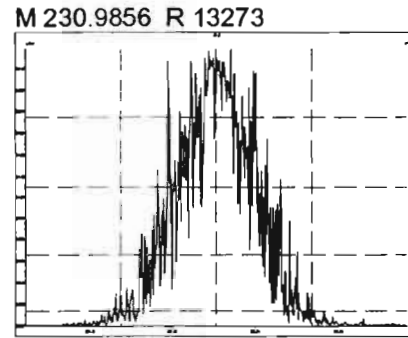
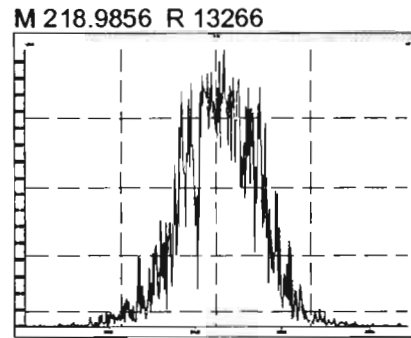
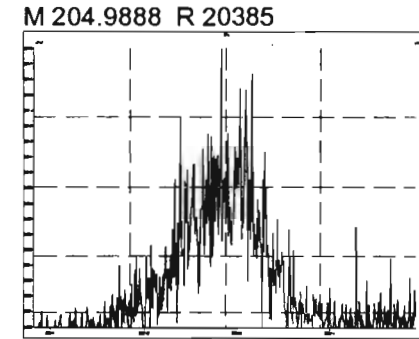
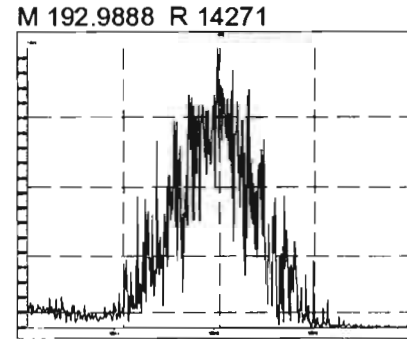
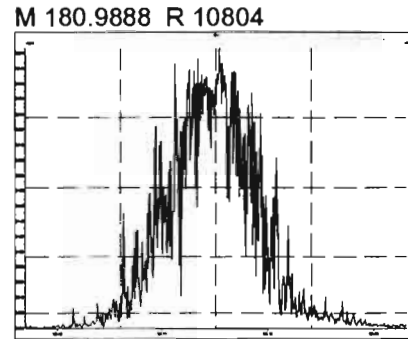
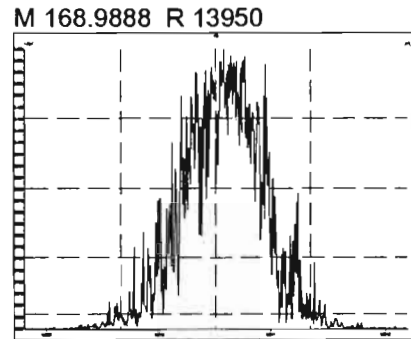
F5:Voltage SIR,EI+
511.7199
5.466e+006

PFK5b

200929K2_2

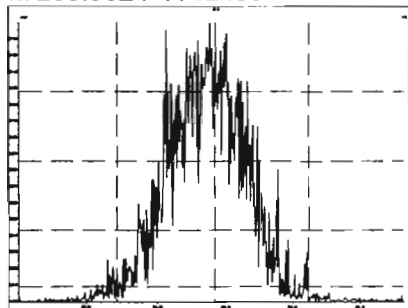


F5:Voltage SIR,EI+
492.9697
9.839e+005

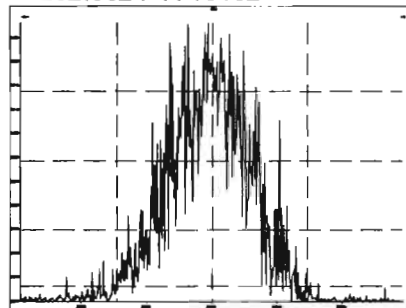


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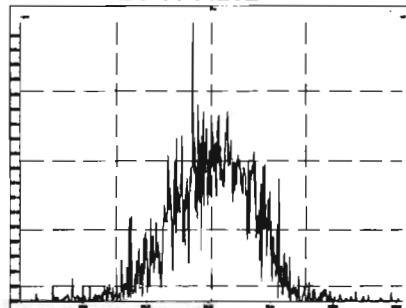
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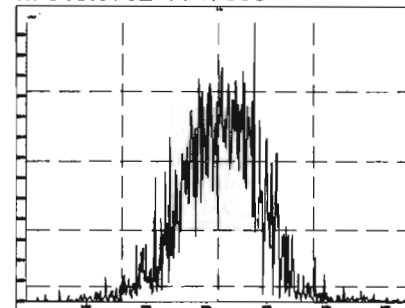
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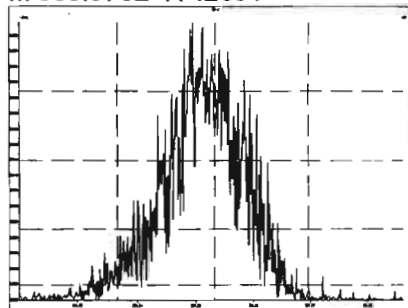
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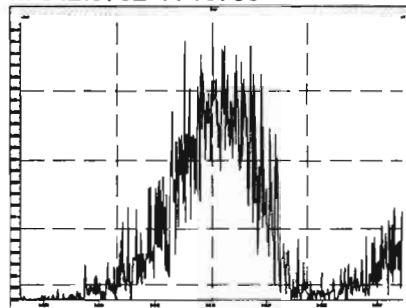
M 318.9792 R 17305



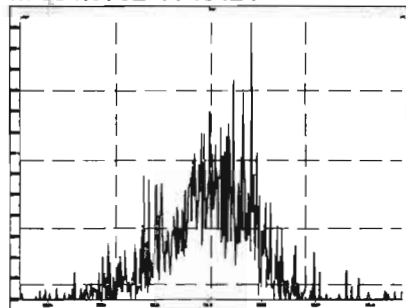
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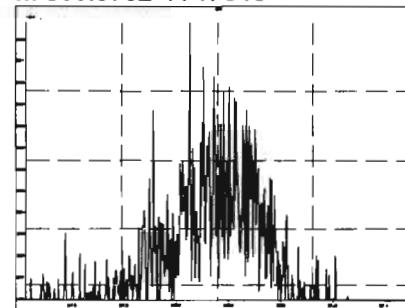
M 342.9792 R 13795



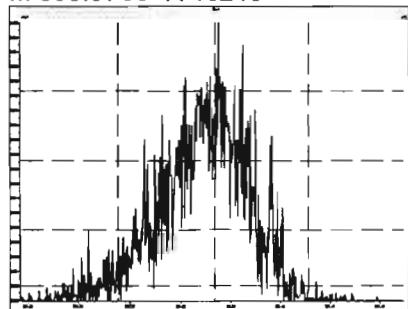
M 354.9792 R 15121



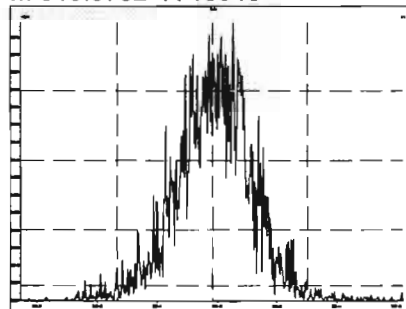
M 366.9792 R 17043



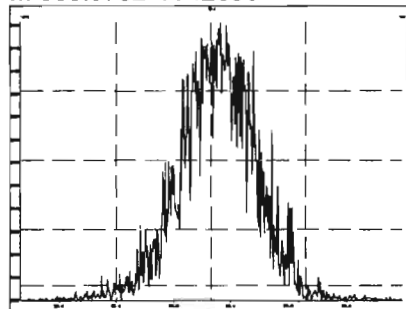
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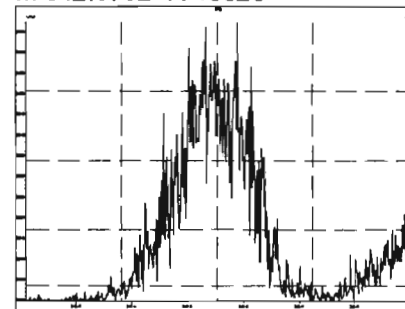
M 318.9792 R 13940



M 330.9792 R 12886

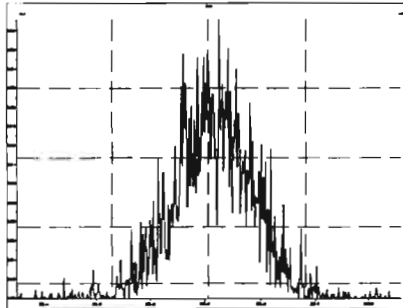


M 342.9792 R 13320

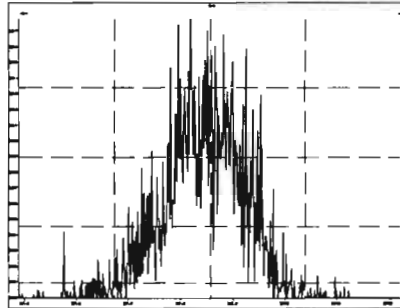


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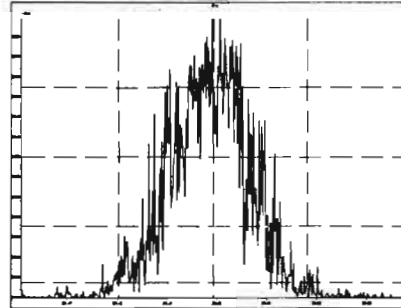
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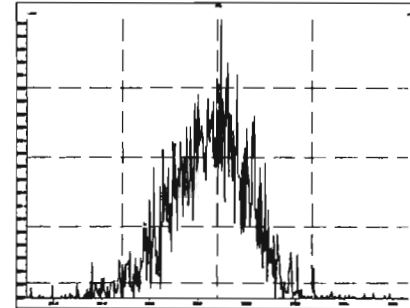
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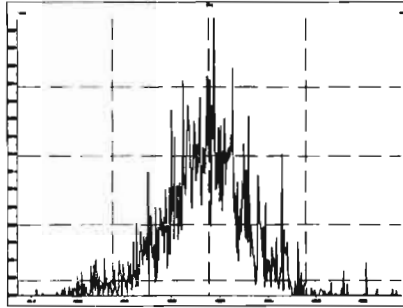
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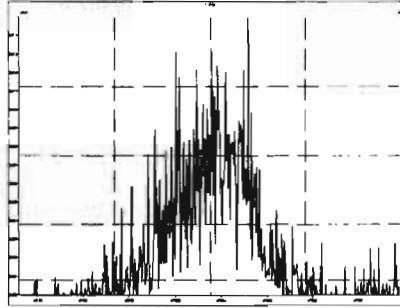
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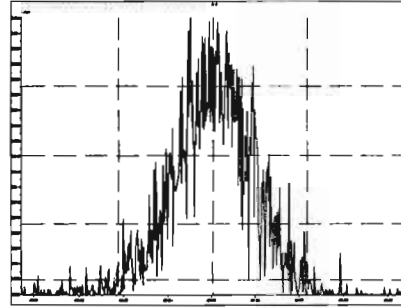
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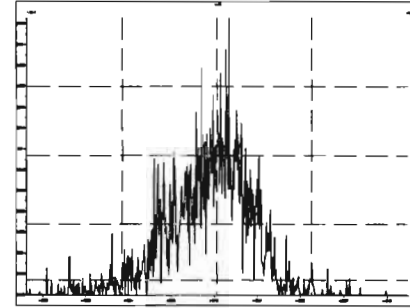
M 416.9760 R 15646



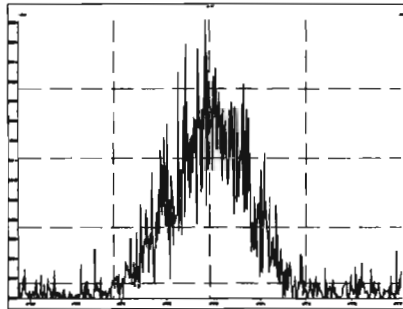
M 430.9728 R 13371



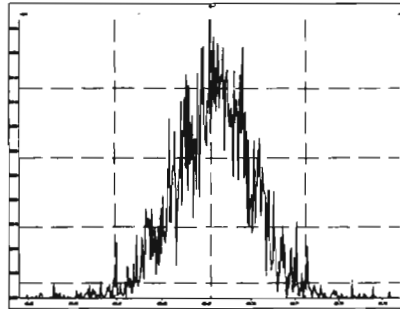
M 442.9728 R 14408



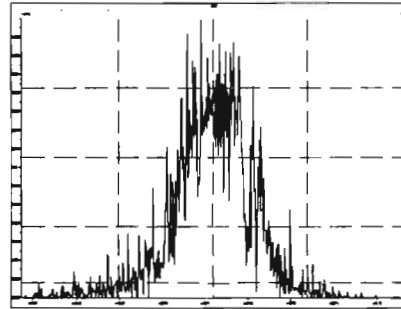
M 416.9760 R 13196



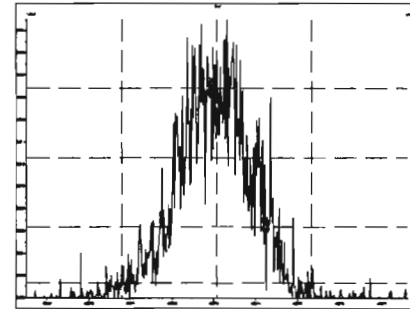
M 430.9728 R 14317



M 442.9728 R 16069

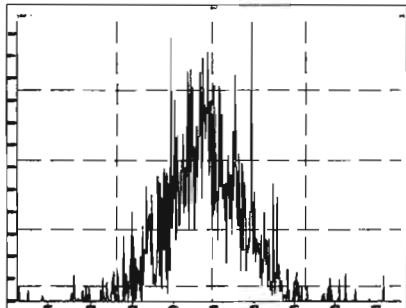


M 454.9728 R 14211

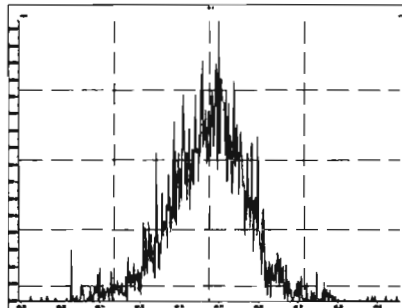


Printed: Wednesday, September 30, 2020 16:20:18 Pacific Daylight Time

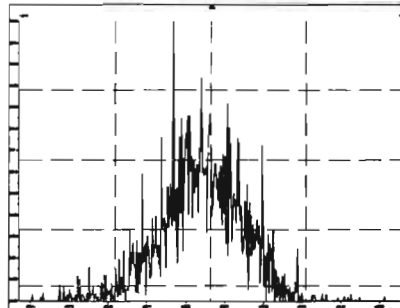
M 466.9728 R 17738



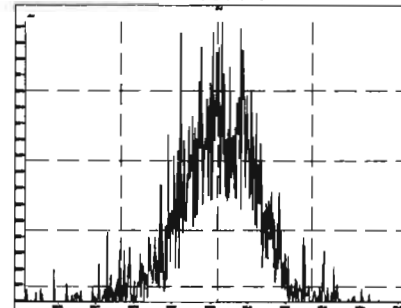
M 480.9696 R 15537



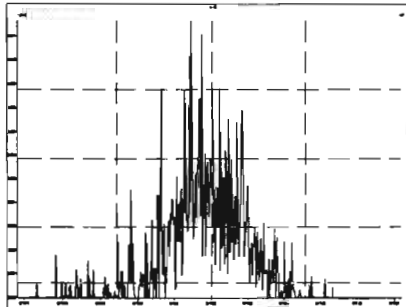
M 492.9696 R 16815



M 504.9696 R 13774



M 516.9697 R 22265



INITIAL CALIBRATION

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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HN 09/22/2020

DB 9/22/20

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 21 Sep 2020 11:11:58

Compound name: 2,3,7,8-TCDD

Response Factor: 1.01601

RRF SD: 0.0848141, Relative SD: 8.34778

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	0.250	0.82	NO	26.52	1.001	2.85e3	1.17e6	0.239	-4.3	0.972	MM
2	200919R2_2	0.500	0.79	NO	26.51	1.001	5.80e3	1.26e6	0.454	-9.1	0.923	MM
3	200919R2_3	2.00	0.77	NO	26.51	1.001	2.66e4	1.40e6	1.87	-6.3	0.952	bb
4	200919R2_4	40.0	0.78	NO	26.51	1.001	5.99e5	1.37e6	42.9	7.3	1.09	MM
5	200919R2_5	300	0.78	NO	26.51	1.001	4.74e6	1.38e6	337	12.4	1.14	bb
6	200919R2_6	10.0	0.75	NO	26.51	1.001	1.25e5	1.23e6	10.0	0.1	1.02	bb

Compound name: 1,2,3,7,8-PeCDD

Response Factor: 0.956142

RRF SD: 0.0586082, Relative SD: 6.12965

Response type: Internal Std (Ref 19), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	0.57	NO	31.12	1.000	8.98e3	8.00e5	1.17	-6.1	0.898	MM
2	200919R2_2	2.50	0.66	NO	31.11	1.000	2.05e4	9.18e5	2.33	-6.6	0.893	MM
3	200919R2_3	10.0	0.62	NO	31.11	1.001	1.00e5	1.08e6	9.69	-3.1	0.926	bb
4	200919R2_4	200	0.63	NO	31.11	1.000	2.20e6	1.09e6	210	5.1	1.00	bb
5	200919R2_5	1500	0.63	NO	31.11	1.000	1.76e7	1.14e6	1620	7.8	1.03	bb
6	200919R2_6	50.0	0.62	NO	31.09	1.000	4.93e5	1.00e6	51.5	3.0	0.985	bb

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Compound name: 1,2,3,4,7,8-HxCDD

Response Factor: 1.00173

RRF SD: 0.0774134, Relative SD: 7.72795

Response type: Internal Std (Ref 20), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.30	NO	34.42	1.000	7.06e3	6.09e5	1.16	-7.4	0.928	MM
2	200919R2_2	2.50	1.22	NO	34.41	1.000	1.51e4	6.58e5	2.29	-8.6	0.916	MM
3	200919R2_3	10.0	1.24	NO	34.41	1.001	7.46e4	7.71e5	9.65	-3.5	0.967	MM
4	200919R2_4	200	1.23	NO	34.41	1.000	1.71e6	7.86e5	217	8.5	1.09	MM
5	200919R2_5	1500	1.22	NO	34.42	1.000	1.43e7	8.69e5	1640	9.1	1.09	bd
6	200919R2_6	50.0	1.20	NO	34.41	1.001	3.63e5	7.12e5	50.9	1.8	1.02	MM

Compound name: 1,2,3,6,7,8-HxCDD

Response Factor: 0.887868

RRF SD: 0.0718083, Relative SD: 8.08772

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.23	NO	34.55	1.001	6.98e3	6.99e5	1.12	-10.1	0.799	MM
2	200919R2_2	2.50	1.20	NO	34.53	1.000	1.51e4	7.38e5	2.31	-7.5	0.821	MM
3	200919R2_3	10.0	1.24	NO	34.54	1.001	7.26e4	8.39e5	9.74	-2.6	0.865	MM
4	200919R2_4	200	1.24	NO	34.54	1.000	1.67e6	8.86e5	212	5.9	0.940	MM
5	200919R2_5	1500	1.22	NO	34.54	1.000	1.40e7	9.51e5	1660	10.7	0.983	db
6	200919R2_6	50.0	1.22	NO	34.53	1.000	3.61e5	7.85e5	51.8	3.6	0.920	MM

Compound name: 1,2,3,7,8,9-HxCDD

Response Factor: 0.909266

RRF SD: 0.0899473, Relative SD: 9.8923

Response type: Internal Std (Ref 22), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.16	NO	34.81	1.000	6.87e3	6.85e5	1.10	-11.7	0.802	MM
2	200919R2_2	2.50	1.27	NO	34.81	1.000	1.47e4	7.24e5	2.24	-10.4	0.815	MM

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Compound name: 1,2,3,7,8,9-HxCDD

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	10.0	1.25	NO	34.81	1.001	7.47e4	8.44e5	9.74	-2.6	0.885	MM
4	200919R2_4	200	1.22	NO	34.82	1.001	1.71e6	8.72e5	216	8.1	0.983	bb
5	200919R2_5	1500	1.22	NO	34.82	1.001	1.45e7	9.46e5	1690	12.4	1.02	bb
6	200919R2_6	50.0	1.23	NO	34.81	1.001	3.68e5	7.77e5	52.1	4.3	0.948	bb

Compound name: 1,2,3,4,6,7,8-HpCDD

Response Factor: 0.831613

RRF SD: 0.0828426, Relative SD: 9.96168

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.03	NO	38.22	1.000	5.00e3	5.54e5	1.09	-13.2	0.722	MM
2	200919R2_2	2.50	0.99	NO	38.22	1.000	1.12e4	5.93e5	2.27	-9.1	0.756	MM
3	200919R2_3	10.0	1.00	NO	38.23	1.000	5.49e4	6.81e5	9.71	-2.9	0.807	MM
4	200919R2_4	200	1.01	NO	38.23	1.000	1.30e6	7.23e5	216	8.0	0.898	MM
5	200919R2_5	1500	1.01	NO	38.23	1.000	1.08e7	7.74e5	1680	11.8	0.930	bb
6	200919R2_6	50.0	1.02	NO	38.23	1.000	2.74e5	6.26e5	52.7	5.4	0.876	bb

Compound name: OCDD

Response Factor: 0.86229

RRF SD: 0.0670906, Relative SD: 7.78051

Response type: Internal Std (Ref 24), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	2.50	0.82	NO	41.16	1.000	7.96e3	8.02e5	2.30	-7.9	0.794	MM
2	200919R2_2	5.00	0.87	NO	41.16	1.000	1.84e4	9.20e5	4.63	-7.3	0.799	MM
3	200919R2_3	20.0	0.86	NO	41.16	1.000	8.71e4	1.07e6	18.9	-5.5	0.815	MM
4	200919R2_4	400	0.88	NO	41.16	1.000	2.09e6	1.14e6	426	6.5	0.918	MM
5	200919R2_5	3000	0.87	NO	41.17	1.000	1.79e7	1.26e6	3290	9.5	0.945	bb
6	200919R2_6	100	0.88	NO	41.16	1.000	4.54e5	1.01e6	105	4.7	0.903	MM

Dataset: U:\WG12.PRO\Results\200919R2\200919R2_CRV.qld

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Compound name: 2,3,7,8-TCDF

Response Factor: 0.735324

RRF SD: 0.083232, Relative SD: 11.3191

Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	0.250	0.88	NO	25.86	1.001	2.64e3	1.65e6	0.218	-12.8	0.641	MM
2	200919R2_2	0.500	0.73	NO	25.83	1.001	5.86e3	1.77e6	0.450	-10.0	0.662	MM
3	200919R2_3	2.00	0.71	NO	25.83	1.001	2.73e4	1.96e6	1.89	-5.6	0.694	MM
4	200919R2_4	40.0	0.73	NO	25.85	1.001	6.07e5	1.89e6	43.8	9.5	0.805	MM
5	200919R2_5	300	0.74	NO	25.85	1.001	4.84e6	1.90e6	347	15.7	0.851	bb
6	200919R2_6	10.0	0.72	NO	25.83	1.001	1.29e5	1.70e6	10.3	3.2	0.759	bb

Compound name: 1,2,3,7,8-PeCDF

Response Factor: 0.938595

RRF SD: 0.075629, Relative SD: 8.05768

Response type: Internal Std (Ref 26), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.57	NO	29.87	1.000	1.32e4	1.27e6	1.11	-11.4	0.832	MM
2	200919R2_2	2.50	1.53	NO	29.87	1.000	2.92e4	1.35e6	2.31	-7.6	0.868	MM
3	200919R2_3	10.0	1.57	NO	29.86	1.000	1.42e5	1.53e6	9.94	-0.6	0.933	MM
4	200919R2_4	200	1.54	NO	29.87	1.000	3.12e6	1.58e6	211	5.4	0.989	MM
5	200919R2_5	1500	1.54	NO	29.87	1.000	2.52e7	1.64e6	1640	9.1	1.02	bb
6	200919R2_6	50.0	1.54	NO	29.86	1.000	6.99e5	1.42e6	52.6	5.2	0.987	bb

Compound name: 2,3,4,7,8-PeCDF

Response Factor: 1.04959

RRF SD: 0.0817405, Relative SD: 7.78783

Response type: Internal Std (Ref 27), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.62	NO	30.93	1.000	1.37e4	1.17e6	1.11	-10.9	0.935	MM
2	200919R2_2	2.50	1.52	NO	30.91	1.000	3.08e4	1.26e6	2.32	-7.0	0.976	MM

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Compound name: 2,3,4,7,8-PeCDF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	10.0	1.55	NO	30.91	1.000	1.52e5	1.47e6	9.87	-1.3	1.04	MM
4	200919R2_4	200	1.53	NO	30.91	1.000	3.29e6	1.48e6	212	6.1	1.11	MM
5	200919R2_5	1500	1.53	NO	30.93	1.000	2.69e7	1.57e6	1630	8.6	1.14	bb
6	200919R2_6	50.0	1.53	NO	30.90	1.000	7.29e5	1.33e6	52.3	4.6	1.10	bb

Compound name: 1,2,3,4,7,8-HxCDF

Response Factor: 0.841977

RRF SD: 0.0865816, Relative SD: 10.2831

Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.18	NO	33.51	1.000	7.10e3	7.69e5	1.10	-12.3	0.738	MM
2	200919R2_2	2.50	1.22	NO	33.50	1.000	1.55e4	8.25e5	2.23	-10.6	0.753	MM
3	200919R2_3	10.0	1.19	NO	33.50	1.001	7.87e4	9.64e5	9.70	-3.0	0.817	MM
4	200919R2_4	200	1.20	NO	33.51	1.001	1.79e6	9.75e5	218	9.1	0.919	MM
5	200919R2_5	1500	1.20	NO	33.51	1.000	1.48e7	1.04e6	1680	12.3	0.946	MM
6	200919R2_6	50.0	1.19	NO	33.50	1.001	3.86e5	8.76e5	52.3	4.5	0.880	MM

Compound name: 1,2,3,6,7,8-HxCDF

Response Factor: 0.893737

RRF SD: 0.0843335, Relative SD: 9.43604

Response type: Internal Std (Ref 29), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.27	NO	33.65	1.001	7.54e3	7.68e5	1.10	-12.1	0.786	MM
2	200919R2_2	2.50	1.23	NO	33.63	1.000	1.67e4	8.22e5	2.27	-9.1	0.812	MM
3	200919R2_3	10.0	1.19	NO	33.63	1.001	8.21e4	9.49e5	9.67	-3.3	0.865	MM
4	200919R2_4	200	1.18	NO	33.63	1.000	1.88e6	9.78e5	215	7.5	0.960	MM
5	200919R2_5	1500	1.18	NO	33.65	1.001	1.55e7	1.05e6	1650	10.0	0.983	MM
6	200919R2_6	50.0	1.21	NO	33.62	1.000	4.15e5	8.68e5	53.5	7.0	0.956	MM

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Compound name: 2,3,4,6,7,8-HxCDF

Response Factor: 0.869941

RRF SD: 0.0937907, Relative SD: 10.7813

Response type: Internal Std (Ref 30), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.18	NO	34.32	1.001	6.88e3	7.26e5	1.09	-12.9	0.757	MM
2	200919R2_2	2.50	1.21	NO	34.31	1.001	1.53e4	7.92e5	2.21	-11.4	0.771	MM
3	200919R2_3	10.0	1.18	NO	34.31	1.001	7.69e4	9.14e5	9.67	-3.3	0.842	bb
4	200919R2_4	200	1.18	NO	34.31	1.000	1.77e6	9.25e5	219	9.7	0.954	MM
5	200919R2_5	1500	1.18	NO	34.32	1.001	1.45e7	9.90e5	1680	11.9	0.974	bb
6	200919R2_6	50.0	1.20	NO	34.29	1.000	3.86e5	8.37e5	53.0	6.0	0.922	bb

Compound name: 1,2,3,7,8,9-HxCDF

Response Factor: 0.855261

RRF SD: 0.0818421, Relative SD: 9.56926

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.14	NO	35.32	1.000	6.19e3	6.42e5	1.13	-9.8	0.772	MM
2	200919R2_2	2.50	1.11	NO	35.31	1.000	1.36e4	7.08e5	2.24	-10.3	0.767	MM
3	200919R2_3	10.0	1.19	NO	35.32	1.001	6.59e4	8.11e5	9.51	-4.9	0.813	MM
4	200919R2_4	200	1.19	NO	35.32	1.000	1.54e6	8.33e5	217	8.3	0.926	MM
5	200919R2_5	1500	1.19	NO	35.32	1.000	1.27e7	8.89e5	1680	11.7	0.955	bb
6	200919R2_6	50.0	1.20	NO	35.32	1.001	3.33e5	7.41e5	52.5	5.1	0.899	bb

Compound name: 1,2,3,4,6,7,8-HpCDF

Response Factor: 0.890763

RRF SD: 0.10316, Relative SD: 11.581

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	1.00	NO	36.91	1.000	5.01e3	5.14e5	1.09	-12.4	0.780	MM
2	200919R2_2	2.50	1.00	NO	36.90	1.001	1.11e4	5.74e5	2.17	-13.0	0.775	MM

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Compound name: 1,2,3,4,6,7,8-HpCDF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	10.0	0.98	NO	36.90	1.000	5.68e4	6.65e5	9.59	-4.1	0.854	bb
4	200919R2_4	200	0.98	NO	36.91	1.001	1.33e6	6.72e5	222	11.2	0.990	MM
5	200919R2_5	1500	0.99	NO	36.91	1.001	1.11e7	7.33e5	1700	13.5	1.01	bb
6	200919R2_6	50.0	0.99	NO	36.90	1.000	2.88e5	6.16e5	52.5	4.9	0.934	bb

Compound name: 1,2,3,4,7,8,9-HpCDF

Response Factor: 1.00007

RRF SD: 0.0986175, Relative SD: 9.86102

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	1.25	0.97	NO	38.85	1.000	4.69e3	4.12e5	1.14	-8.8	0.912	MM
2	200919R2_2	2.50	0.97	NO	38.84	1.000	1.03e4	4.62e5	2.22	-11.1	0.890	MM
3	200919R2_3	10.0	0.99	NO	38.85	1.000	5.09e4	5.39e5	9.43	-5.7	0.943	MM
4	200919R2_4	200	0.98	NO	38.85	1.000	1.23e6	5.64e5	218	8.9	1.09	bb
5	200919R2_5	1500	0.98	NO	38.85	1.000	9.96e6	5.89e5	1690	12.6	1.13	bb
6	200919R2_6	50.0	1.00	NO	38.85	1.000	2.52e5	4.84e5	52.0	4.1	1.04	bb

Compound name: OCDF

Response Factor: 0.784097

RRF SD: 0.089724, Relative SD: 11.443

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	2.50	0.86	NO	41.46	1.000	7.27e3	8.92e5	2.08	-16.8	0.652	MM
2	200919R2_2	5.00	0.86	NO	41.46	1.000	1.77e4	9.95e5	4.53	-9.4	0.711	MM
3	200919R2_3	20.0	0.85	NO	41.46	1.000	8.95e4	1.17e6	19.6	-2.0	0.768	MM
4	200919R2_4	400	0.86	NO	41.46	1.000	2.08e6	1.22e6	435	8.7	0.852	bb
5	200919R2_5	3000	0.87	NO	41.47	1.000	1.80e7	1.36e6	3370	12.4	0.881	bb
6	200919R2_6	100	0.86	NO	41.44	1.000	4.45e5	1.06e6	107	7.1	0.840	bb

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Compound name: 13C-2,3,7,8-TCDD

Response Factor: 1.15211
 RRF SD: 0.0143702, Relative SD: 1.24729
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.79	NO	26.51	1.029	1.17e6	1.03e6	98.4	-1.6	1.13	bb
2	200919R2_2	100	0.79	NO	26.48	1.029	1.26e6	1.09e6	100	0.0	1.15	bb
3	200919R2_3	100	0.79	NO	26.48	1.028	1.40e6	1.22e6	99.8	-0.2	1.15	bb
4	200919R2_4	100	0.79	NO	26.49	1.029	1.37e6	1.20e6	99.4	-0.6	1.15	bb
5	200919R2_5	100	0.79	NO	26.49	1.029	1.38e6	1.18e6	102	2.2	1.18	bb
6	200919R2_6	100	0.79	NO	26.48	1.028	1.23e6	1.07e6	100	0.1	1.15	bb

Compound name: 13C-1,2,3,7,8-PeCDD

Response Factor: 0.88669
 RRF SD: 0.069724, Relative SD: 7.8634
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.65	NO	31.11	1.208	8.00e5	1.03e6	87.4	-12.6	0.775	bb
2	200919R2_2	100	0.64	NO	31.09	1.209	9.18e5	1.09e6	95.0	-5.0	0.842	bb
3	200919R2_3	100	0.63	NO	31.08	1.207	1.08e6	1.22e6	100	0.1	0.888	bb
4	200919R2_4	100	0.65	NO	31.09	1.208	1.09e6	1.20e6	103	2.7	0.911	bb
5	200919R2_5	100	0.64	NO	31.09	1.208	1.14e6	1.18e6	109	9.2	0.968	bb
6	200919R2_6	100	0.64	NO	31.08	1.207	1.00e6	1.07e6	106	5.7	0.937	bb

Compound name: 13C-1,2,3,4,7,8-HxCDD

Response Factor: 0.801397
 RRF SD: 0.0450697, Relative SD: 5.62389
 Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.29	NO	34.41	1.014	6.09e5	7.95e5	95.5	-4.5	0.765	bd
2	200919R2_2	100	1.29	NO	34.40	1.014	6.58e5	8.55e5	96.1	-3.9	0.770	bd

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Compound name: 13C-1,2,3,4,7,8-HxCDD

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	100	1.27	NO	34.39	1.014	7.71e5	9.88e5	97.3	-2.7	0.780	bd
4	200919R2_4	100	1.27	NO	34.40	1.014	7.86e5	9.81e5	99.9	-0.1	0.801	bd
5	200919R2_5	100	1.27	NO	34.41	1.014	8.69e5	9.79e5	111	10.7	0.887	bd
6	200919R2_6	100	1.27	NO	34.39	1.014	7.12e5	8.84e5	100	0.5	0.805	bd

Compound name: 13C-1,2,3,6,7,8-HxCDD

Response Factor: 0.892065
RRF SD: 0.0429617, Relative SD: 4.81598
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.29	NO	34.53	1.017	6.99e5	7.95e5	98.6	-1.4	0.879	db
2	200919R2_2	100	1.27	NO	34.52	1.017	7.38e5	8.55e5	96.8	-3.2	0.863	db
3	200919R2_3	100	1.27	NO	34.52	1.018	8.39e5	9.88e5	95.2	-4.8	0.849	db
4	200919R2_4	100	1.27	NO	34.53	1.018	8.86e5	9.81e5	101	1.2	0.902	db
5	200919R2_5	100	1.27	NO	34.53	1.018	9.51e5	9.79e5	109	8.9	0.971	db
6	200919R2_6	100	1.28	NO	34.52	1.018	7.85e5	8.84e5	99.4	-0.6	0.887	db

Compound name: 13C-1,2,3,7,8,9-HxCDD

Response Factor: 0.882493
RRF SD: 0.0438693, Relative SD: 4.97107
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.26	NO	34.80	1.025	6.85e5	7.95e5	97.6	-2.4	0.861	bb
2	200919R2_2	100	1.26	NO	34.80	1.025	7.24e5	8.55e5	95.9	-4.1	0.847	bb
3	200919R2_3	100	1.25	NO	34.78	1.025	8.44e5	9.88e5	96.8	-3.2	0.854	bb
4	200919R2_4	100	1.27	NO	34.80	1.025	8.72e5	9.81e5	101	0.7	0.888	bb
5	200919R2_5	100	1.24	NO	34.80	1.025	9.46e5	9.79e5	109	9.5	0.966	bb
6	200919R2_6	100	1.26	NO	34.78	1.025	7.77e5	8.84e5	99.5	-0.5	0.878	bb

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Compound name: 13C-1,2,3,4,6,7,8-HpCDD

Response Factor: 0.719032

RRF SD: 0.0388051, Relative SD: 5.39685

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.04	NO	38.22	1.126	5.54e5	7.95e5	97.0	-3.0	0.697	MM
2	200919R2_2	100	1.03	NO	38.21	1.126	5.93e5	8.55e5	96.4	-3.6	0.693	bb
3	200919R2_3	100	1.03	NO	38.22	1.127	6.81e5	9.88e5	95.8	-4.2	0.689	bb
4	200919R2_4	100	1.05	NO	38.22	1.126	7.23e5	9.81e5	102	2.5	0.737	MM
5	200919R2_5	100	1.04	NO	38.22	1.126	7.74e5	9.79e5	110	9.9	0.790	bb
6	200919R2_6	100	1.04	NO	38.22	1.127	6.26e5	8.84e5	98.5	-1.5	0.708	bb

Compound name: 13C-OCDD

Response Factor: 0.563022

RRF SD: 0.0484292, Relative SD: 8.60165

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	200	0.88	NO	41.15	1.212	8.02e5	7.95e5	179	-10.5	0.504	bb
2	200919R2_2	200	0.89	NO	41.15	1.213	9.20e5	8.55e5	191	-4.5	0.538	bb
3	200919R2_3	200	0.92	NO	41.15	1.213	1.07e6	9.88e5	192	-3.9	0.541	MM
4	200919R2_4	200	0.92	NO	41.15	1.213	1.14e6	9.81e5	206	3.2	0.581	MM
5	200919R2_5	200	0.89	NO	41.16	1.213	1.26e6	9.79e5	229	14.6	0.645	bb
6	200919R2_6	200	0.92	NO	41.15	1.213	1.01e6	8.84e5	202	1.0	0.569	MM

Compound name: 13C-2,3,7,8-TCDF

Response Factor: 1.00931

RRF SD: 0.0129776, Relative SD: 1.28579

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.77	NO	25.83	1.003	1.65e6	1.67e6	97.8	-2.2	0.987	bb
2	200919R2_2	100	0.77	NO	25.82	1.003	1.77e6	1.75e6	100	0.2	1.01	bb

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Compound name: 13C-2,3,7,8-TCDF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	100	0.77	NO	25.82	1.003	1.96e6	1.93e6	101	1.0	1.02	bb
4	200919R2_4	100	0.78	NO	25.82	1.003	1.89e6	1.89e6	99.1	-0.9	1.00	bb
5	200919R2_5	100	0.77	NO	25.82	1.003	1.90e6	1.86e6	101	0.9	1.02	bb
6	200919R2_6	100	0.77	NO	25.82	1.003	1.70e6	1.67e6	101	1.0	1.02	bb

Compound name: 13C-1,2,3,7,8-PeCDF

Response Factor: 0.814084

RRF SD: 0.0481644, Relative SD: 5.9164

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.61	NO	29.87	1.160	1.27e6	1.67e6	93.2	-6.8	0.758	bb
2	200919R2_2	100	1.60	NO	29.86	1.161	1.35e6	1.75e6	94.5	-5.5	0.769	bb
3	200919R2_3	100	1.59	NO	29.84	1.159	1.53e6	1.93e6	97.4	-2.6	0.793	bb
4	200919R2_4	100	1.57	NO	29.86	1.160	1.58e6	1.89e6	103	2.7	0.836	bb
5	200919R2_5	100	1.59	NO	29.86	1.160	1.64e6	1.86e6	108	8.2	0.881	bb
6	200919R2_6	100	1.57	NO	29.84	1.159	1.42e6	1.67e6	104	4.1	0.847	bb

Compound name: 13C-2,3,4,7,8-PeCDF

Response Factor: 0.76773

RRF SD: 0.0510173, Relative SD: 6.64521

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	1.59	NO	30.91	1.200	1.17e6	1.67e6	91.5	-8.5	0.703	bb
2	200919R2_2	100	1.59	NO	30.90	1.201	1.26e6	1.75e6	94.1	-5.9	0.723	bb
3	200919R2_3	100	1.58	NO	30.90	1.200	1.47e6	1.93e6	99.1	-0.9	0.761	bb
4	200919R2_4	100	1.59	NO	30.90	1.200	1.48e6	1.89e6	102	2.0	0.783	bb
5	200919R2_5	100	1.59	NO	30.91	1.201	1.57e6	1.86e6	110	9.9	0.844	bb
6	200919R2_6	100	1.61	NO	30.88	1.199	1.33e6	1.67e6	103	3.4	0.794	bb

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Compound name: 13C-1,2,3,4,7,8-HxCDF

Response Factor: 0.992549
 RRF SD: 0.0365828, Relative SD: 3.68575
 Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.50	NO	33.50	0.987	7.69e5	7.95e5	97.4	-2.6	0.967	bd
2	200919R2_2	100	0.50	NO	33.49	0.987	8.25e5	8.55e5	97.3	-2.7	0.966	bd
3	200919R2_3	100	0.50	NO	33.47	0.987	9.64e5	9.88e5	98.3	-1.7	0.976	bd
4	200919R2_4	100	0.50	NO	33.49	0.987	9.75e5	9.81e5	100	0.1	0.993	bd
5	200919R2_5	100	0.50	NO	33.50	0.987	1.04e6	9.79e5	107	7.1	1.06	bd
6	200919R2_6	100	0.50	NO	33.47	0.987	8.76e5	8.84e5	99.8	-0.2	0.991	bd

Compound name: 13C-1,2,3,6,7,8-HxCDF

Response Factor: 0.990148
 RRF SD: 0.0439694, Relative SD: 4.44069
 Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.50	NO	33.62	0.991	7.68e5	7.95e5	97.5	-2.5	0.966	db
2	200919R2_2	100	0.50	NO	33.62	0.991	8.22e5	8.55e5	97.1	-2.9	0.961	db
3	200919R2_3	100	0.50	NO	33.61	0.991	9.49e5	9.88e5	97.0	-3.0	0.960	db
4	200919R2_4	100	0.50	NO	33.62	0.991	9.78e5	9.81e5	101	0.7	0.997	db
5	200919R2_5	100	0.51	NO	33.62	0.991	1.05e6	9.79e5	109	8.6	1.08	db
6	200919R2_6	100	0.50	NO	33.61	0.991	8.68e5	8.84e5	99.2	-0.8	0.982	db

Compound name: 13C-2,3,4,6,7,8-HxCDF

Response Factor: 0.944213
 RRF SD: 0.034891, Relative SD: 3.69524
 Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.50	NO	34.29	1.010	7.26e5	7.95e5	96.7	-3.3	0.913	bb
2	200919R2_2	100	0.50	NO	34.28	1.010	7.92e5	8.55e5	98.2	-1.8	0.927	bb

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Compound name: 13C-2,3,4,6,7,8-HxCDF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	100	0.51	NO	34.28	1.011	9.14e5	9.88e5	98.0	-2.0	0.925	bb
4	200919R2_4	100	0.50	NO	34.29	1.011	9.25e5	9.81e5	99.8	-0.2	0.942	bb
5	200919R2_5	100	0.51	NO	34.29	1.011	9.90e5	9.79e5	107	7.1	1.01	bb
6	200919R2_6	100	0.50	NO	34.28	1.011	8.37e5	8.84e5	100	0.2	0.947	bb

Compound name: 13C-1,2,3,7,8,9-HxCDF

Response Factor: 0.841584

RRF SD: 0.0356443, Relative SD: 4.23538

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.50	NO	35.31	1.040	6.42e5	7.95e5	95.8	-4.2	0.807	bb
2	200919R2_2	100	0.50	NO	35.30	1.040	7.08e5	8.55e5	98.4	-1.6	0.828	bb
3	200919R2_3	100	0.50	NO	35.30	1.041	8.11e5	9.88e5	97.5	-2.5	0.820	bb
4	200919R2_4	100	0.50	NO	35.31	1.041	8.33e5	9.81e5	101	0.9	0.849	bb
5	200919R2_5	100	0.50	NO	35.31	1.041	8.89e5	9.79e5	108	7.9	0.908	bb
6	200919R2_6	100	0.50	NO	35.30	1.041	7.41e5	8.84e5	99.5	-0.5	0.837	bb

Compound name: 13C-1,2,3,4,6,7,8-HpCDF

Response Factor: 0.686784

RRF SD: 0.0345844, Relative SD: 5.0357

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.41	NO	36.90	1.087	5.14e5	7.95e5	94.1	-5.9	0.646	bb
2	200919R2_2	100	0.42	NO	36.88	1.087	5.74e5	8.55e5	97.8	-2.2	0.672	bb
3	200919R2_3	100	0.42	NO	36.89	1.087	6.65e5	9.88e5	97.9	-2.1	0.673	bb
4	200919R2_4	100	0.43	NO	36.89	1.087	6.72e5	9.81e5	99.7	-0.3	0.685	bb
5	200919R2_5	100	0.43	NO	36.89	1.087	7.33e5	9.79e5	109	9.0	0.748	bb
6	200919R2_6	100	0.43	NO	36.89	1.087	6.16e5	8.84e5	101	1.5	0.697	bd

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Monday, September 21, 2020 11:11:58 Pacific Daylight Time
 Printed: Tuesday, September 22, 2020 11:05:19 Pacific Daylight Time

Compound name: 13C-1,2,3,4,7,8,9-HpCDF

Response Factor: 0.554535

RRF SD: 0.029426, Relative SD: 5.30642

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.42	NO	38.84	1.144	4.12e5	7.95e5	93.3	-6.7	0.518	bb
2	200919R2_2	100	0.42	NO	38.83	1.144	4.62e5	8.55e5	97.4	-2.6	0.540	bb
3	200919R2_3	100	0.42	NO	38.84	1.145	5.39e5	9.88e5	98.4	-1.6	0.546	bb
4	200919R2_4	100	0.42	NO	38.84	1.145	5.64e5	9.81e5	104	3.6	0.574	bb
5	200919R2_5	100	0.42	NO	38.84	1.145	5.89e5	9.79e5	109	8.5	0.602	bb
6	200919R2_6	100	0.41	NO	38.84	1.145	4.84e5	8.84e5	98.7	-1.3	0.547	bb

Compound name: 13C-OCDF

Response Factor: 0.60822

RRF SD: 0.0471699, Relative SD: 7.7554

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	200	0.86	NO	41.44	1.221	8.92e5	7.95e5	184	-7.8	0.561	MM
2	200919R2_2	200	0.88	NO	41.43	1.221	9.95e5	8.55e5	191	-4.3	0.582	MM
3	200919R2_3	200	0.84	NO	41.44	1.222	1.17e6	9.88e5	194	-3.1	0.590	bb
4	200919R2_4	200	0.86	NO	41.44	1.221	1.22e6	9.81e5	205	2.4	0.623	bb
5	200919R2_5	200	0.87	NO	41.46	1.222	1.36e6	9.79e5	229	14.3	0.695	bb
6	200919R2_6	200	0.87	NO	41.43	1.221	1.06e6	8.84e5	197	-1.6	0.598	bb

Compound name: 37Cl-2,3,7,8-TCDD

Response Factor: 1.17824

RRF SD: 0.162145, Relative SD: 13.7617

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	0.250			26.54	1.030	2.62e3	1.03e6	0.215	-14.0	1.01	bb
2	200919R2_2	0.500			26.51	1.030	5.19e3	1.09e6	0.404	-19.2	0.952	bb

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Monday, September 21, 2020 11:11:58 Pacific Daylight Time
 Printed: Tuesday, September 22, 2020 11:05:19 Pacific Daylight Time

Compound name: 37Cl-2,3,7,8-TCDD

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	200919R2_3	2.00			26.51	1.030	2.96e4	1.22e6	2.06	3.2	1.22	bb
4	200919R2_4	40.0			26.51	1.030	6.20e5	1.20e6	43.9	9.7	1.29	bb
5	200919R2_5	200			26.51	1.030	3.22e6	1.18e6	232	16.2	1.37	bb
6	200919R2_6	10.0			26.51	1.030	1.31e5	1.07e6	10.4	4.1	1.23	bb

Compound name: 13C-1,2,3,4-TCDD

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.81	NO	25.76	1.000	1.03e6	1.03e6	100	0.0	1.00	bb
2	200919R2_2	100	0.80	NO	25.73	1.000	1.09e6	1.09e6	100	0.0	1.00	bb
3	200919R2_3	100	0.80	NO	25.74	1.000	1.22e6	1.22e6	100	0.0	1.00	bb
4	200919R2_4	100	0.79	NO	25.74	1.000	1.20e6	1.20e6	100	0.0	1.00	bb
5	200919R2_5	100	0.79	NO	25.74	1.000	1.18e6	1.18e6	100	0.0	1.00	bb
6	200919R2_6	100	0.80	NO	25.74	1.000	1.07e6	1.07e6	100	0.0	1.00	bb

Compound name: 13C-1,2,3,4-TCDF

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.79	NO	24.32	1.000	1.67e6	1.67e6	100	0.0	1.00	bb
2	200919R2_2	100	0.79	NO	24.29	1.000	1.75e6	1.75e6	100	0.0	1.00	bb
3	200919R2_3	100	0.79	NO	24.31	1.000	1.93e6	1.93e6	100	0.0	1.00	bb
4	200919R2_4	100	0.79	NO	24.31	1.000	1.89e6	1.89e6	100	0.0	1.00	bb
5	200919R2_5	100	0.78	NO	24.29	1.000	1.86e6	1.86e6	100	0.0	1.00	bb
6	200919R2_6	100	0.79	NO	24.31	1.000	1.67e6	1.67e6	100	0.0	1.00	bb

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Monday, September 21, 2020 11:11:58 Pacific Daylight Time

Printed: Tuesday, September 22, 2020 11:05:19 Pacific Daylight Time

Compound name: 13C-1,2,3,4,6,9-HxCDF

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200919R2_1	100	0.50	NO	33.94	1.000	7.95e5	7.95e5	100	0.0	1.00	bb
2	200919R2_2	100	0.50	NO	33.93	1.000	8.55e5	8.55e5	100	0.0	1.00	bb
3	200919R2_3	100	0.50	NO	33.92	1.000	9.88e5	9.88e5	100	0.0	1.00	bb
4	200919R2_4	100	0.50	NO	33.93	1.000	9.81e5	9.81e5	100	0.0	1.00	bb
5	200919R2_5	100	0.50	NO	33.93	1.000	9.79e5	9.79e5	100	0.0	1.00	bb
6	200919R2_6	100	0.50	NO	33.92	1.000	8.84e5	8.84e5	100	0.0	1.00	bb

Dataset: Untitled

Last Altered: Monday, September 21, 2020 12:06:23 Pacific Daylight Time
Printed: Monday, September 21, 2020 12:06:40 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 20 Sep 2020 09:13:58

Compound name: 2,3,7,8-TCDD

	Name	ID	Acq.Date	Acq.Time
1	200919R2_1	ST200919R2_1 1613 CS0 20F1102	19-Sep-20	13:41:21
2	200919R2_2	ST200919R2_2 1613 CS1 20F1103	19-Sep-20	14:26:28
3	200919R2_3	ST200919R2_3 1613 CS2 20F1104	19-Sep-20	15:10:05
4	200919R2_4	ST200919R2_4 1613 CS4 20F1106	19-Sep-20	15:53:51
5	200919R2_5	ST200919R2_5 1613 CS5 20F1107	19-Sep-20	16:37:31
6	200919R2_6	ST200919R2_6 1613 CS3 20F1105	19-Sep-20	17:21:13
7	200919R2_7	SS200919R2_1 1613 SSS 20F1108	19-Sep-20	18:04:53
8	200919R2_8	B0I0049-BS1 OPR 1	19-Sep-20	18:48:34
9	200919R2_9	B0I0104-BS1 OPR 1	19-Sep-20	19:32:17
10	200919R2_10	B0I0107-BS1 OPR 1	19-Sep-20	20:15:57
11	200919R2_11	B0I0026-BS1 OPR 1	19-Sep-20	20:59:39
12	200919R2_12	SOLVENT BLANK	19-Sep-20	21:43:21
13	200919R2_13	B0I0049-BLK1 Method Blank 1	19-Sep-20	22:27:01
14	200919R2_14	B0I0104-BLK1 Method Blank 1	19-Sep-20	23:10:37
15	200919R2_15	B0I0107-BLK1 Method Blank 1	19-Sep-20	23:54:18
16	200919R2_16	B0I0026-BLK1 Method Blank 1	20-Sep-20	00:38:06
17	200919R2_17	2001838-01 Williams Rd 11 1.0358	20-Sep-20	01:21:49
18	200919R2_18	2001838-02 Williams Rd 12 1.03531	20-Sep-20	02:05:30
19	200919R2_19	2001843-01 Plant Effluent 0.97183	20-Sep-20	02:49:11
20	200919R2_20	2001853-01 GW-1211 1.0384	20-Sep-20	03:32:53
21	200919R2_21	2001903-01 Forebay Composite (24hr) 1.07089	20-Sep-20	04:16:34
22	200919R3_1	SOLVENT BLANK	20-Sep-20	05:09:15
23	200919R3_2	ST200919R3_1 1613 CS3 20F1105	20-Sep-20	05:52:47

(A) File text not updated, sample ID has correct standard ID's, Description ID's are incorrect. HW 09/21/2020

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CPSM.qld

Last Altered: Sunday, September 20, 2020 10:23:42 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:24:44 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 20 Sep 2020 10:23:28
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 20 Sep 2020 09:13:58

Name: 200919R2_6, Date: 19-Sep-2020, Time: 17:21:13, ID: ST200919R2_6 1613 CS3

20F1105
~~19L2305~~
HN 09/21/2020

#	Name	RT
1	1,3,6,8-TCDD (First)	22.85
2	1,2,8,9-TCDD (Last)	27.36
3	1,2,4,7,9-PeCDD (First)	28.87
4	1,2,3,8,9-PeCDD (Last)	31.44
5	1,2,4,6,7,9-HxCDD (First)	32.75
6	1,2,3,7,8,9-HxCDD (Last)	34.81
7	1,2,3,4,6,7,9-HpCDD (First)	37.28
8	1,2,3,4,6,7,8-HpCDD (Last)	38.23
9	1,3,6,8-TCDF (First)	20.64
10	1,2,8,9-TCDF (Last)	27.67
11	1,3,4,6,8-PeCDF (First)	27.24
12	1,2,3,8,9-PeCDF (Last)	31.80
13	1,2,3,4,6,8-HxCDF (First)	32.22
14	1,2,3,7,8,9-HxCDF (Last)	35.32
15	1,2,3,4,6,7,8-HpCDF (First)	36.90
16	1,2,3,4,7,8,9-HpCDF (Last)	38.85

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CPSM.qld

Last Altered: Sunday, September 20, 2020 10:23:42 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:24:44 Pacific Daylight Time

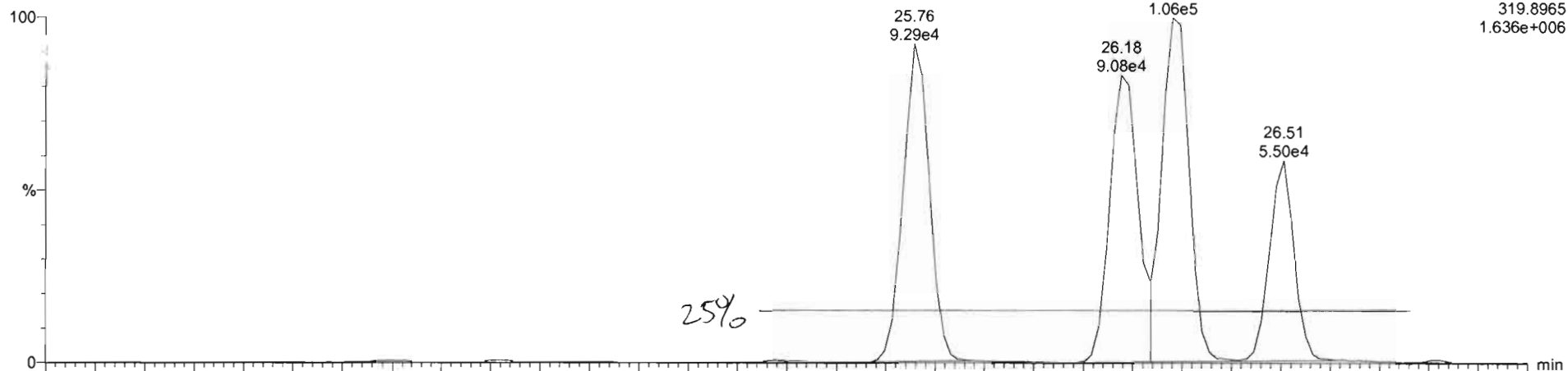
Method: U:\VG12.PRO\MethDB\CPSM.mdb 20 Sep 2020 10:23:28
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 20 Sep 2020 09:13:58

Name: 200919R2_6, Date: 19-Sep-2020, Time: 17:21:13, ID: ST200919R2_6 1613 CS3 20F1105, Description: 1613 CS3-19L2305-

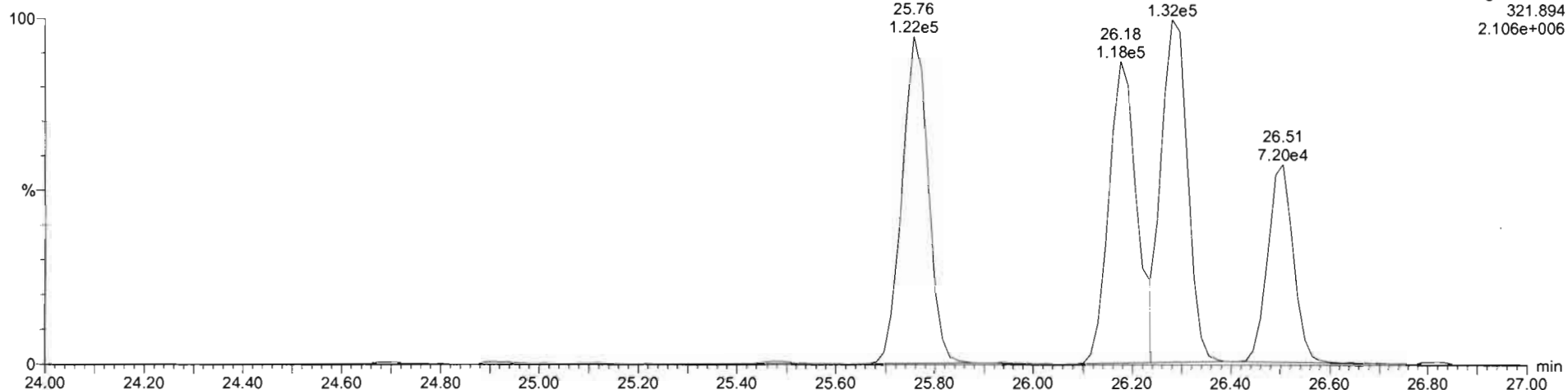
HN 09/20/2020

1,3,6,8-TCDD (First)

200919R2_6



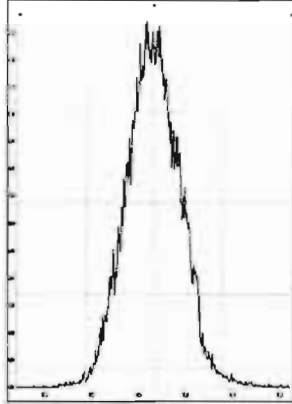
200919R2_6



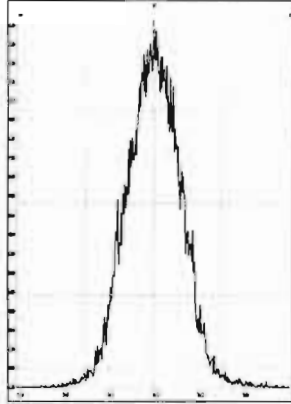
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Saturday, September 19, 2020 13:36:52 Pacific Daylight Time

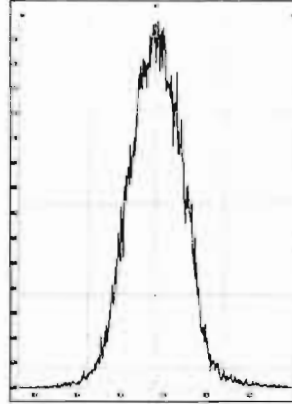
M 292.9824 R 11521



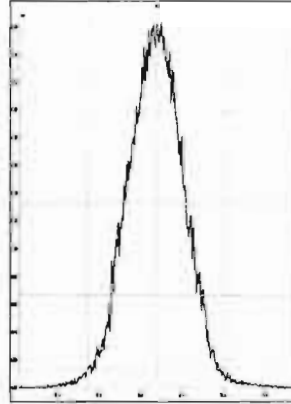
M 304.9824 R 11524



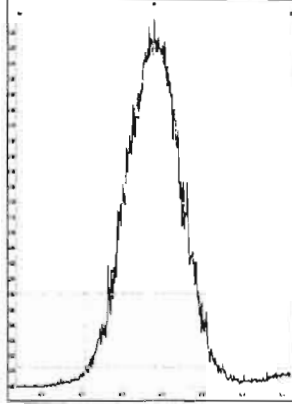
M 318.9792 R 11629



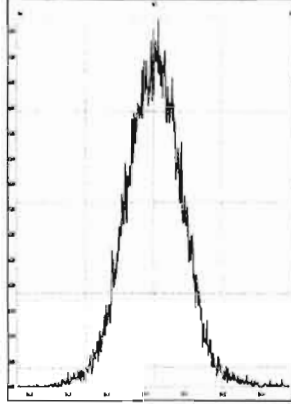
M 330.9792 R 11109



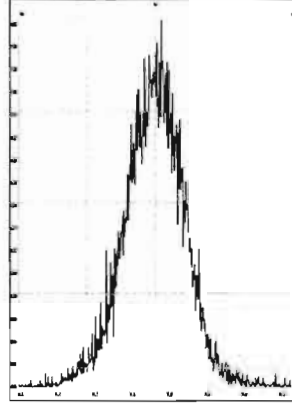
M 342.9792 R 10918



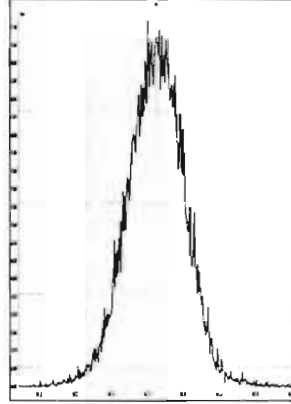
M 354.9792 R 10963



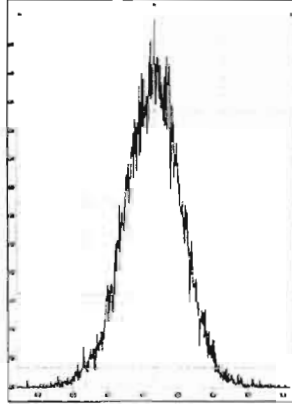
M 366.9792 R 11416



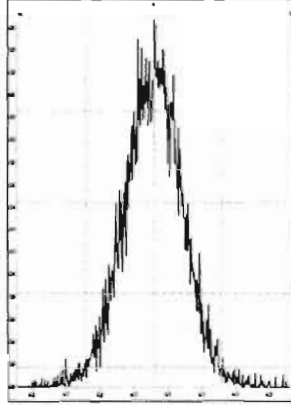
M 380.9760 R 10963



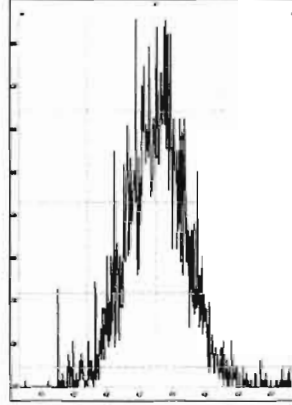
M 392.9760 R 10772



M 404.9760 R 10774



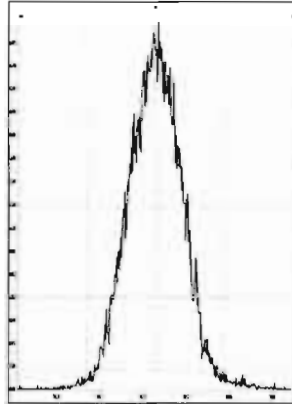
M 416.9760 R 10965



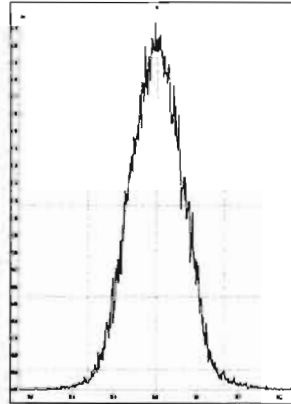
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Saturday, September 19, 2020 13:38:01 Pacific Daylight Time

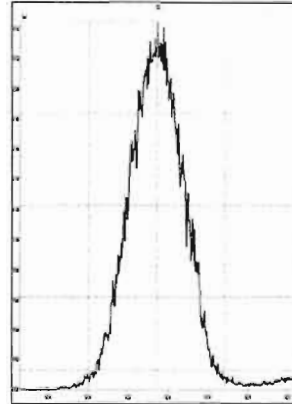
M 318.9792 R 11517



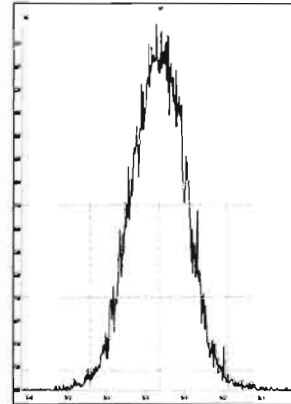
M 330.9792 R 11110



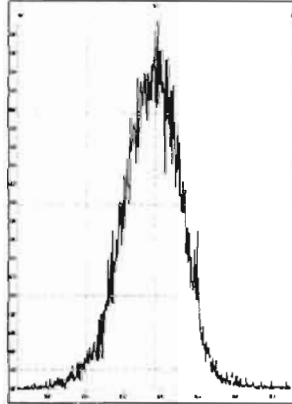
M 342.9792 R 11360



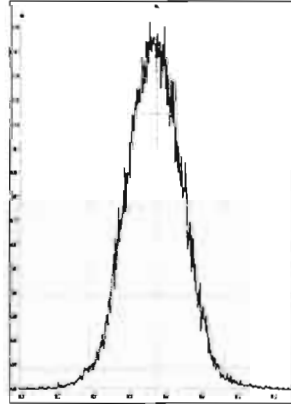
M 354.9792 R 10683



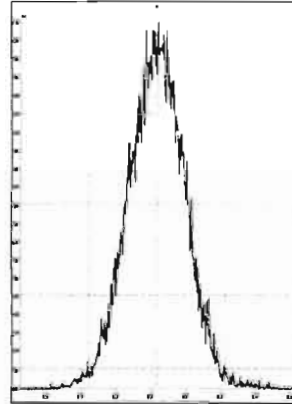
M 366.9792 R 10550



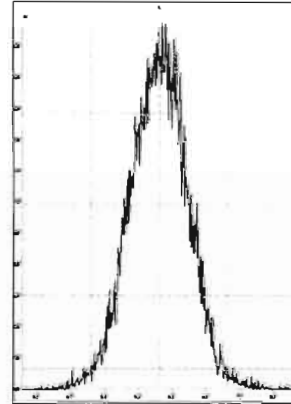
M 380.9760 R 10504



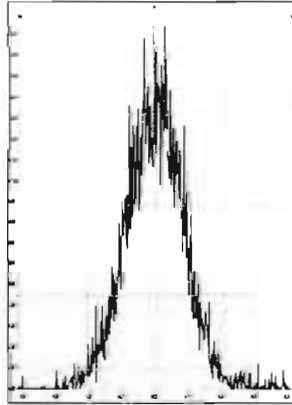
M 392.9760 R 10820



M 404.9760 R 11012



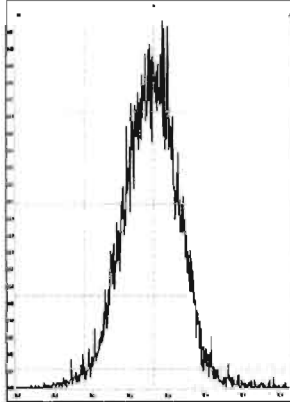
M 416.9760 R 11850



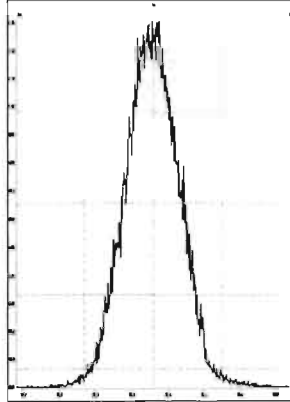
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Printed: Saturday, September 19, 2020 13:39:19 Pacific Daylight Time

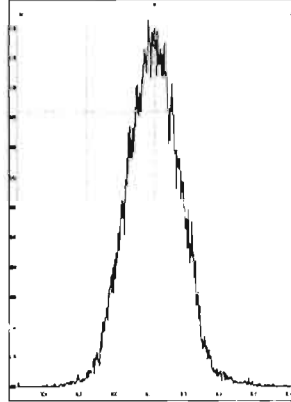
M 366.9792 R 11684



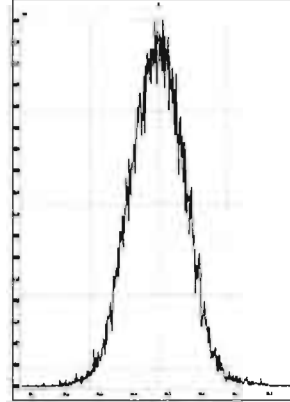
M 380.9760 R 11520



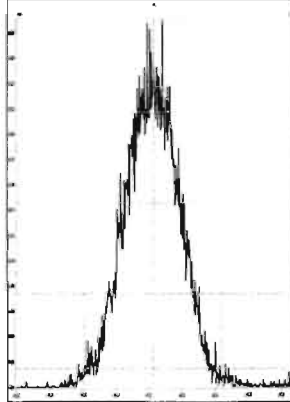
M 392.9760 R 11576



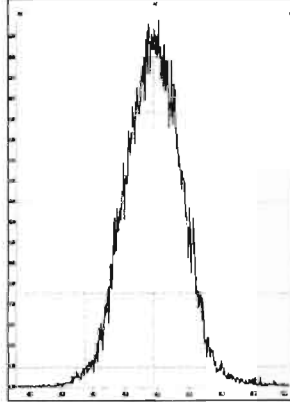
M 404.9760 R 11311



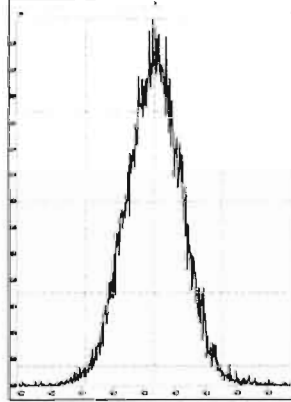
M 416.9760 R 11902



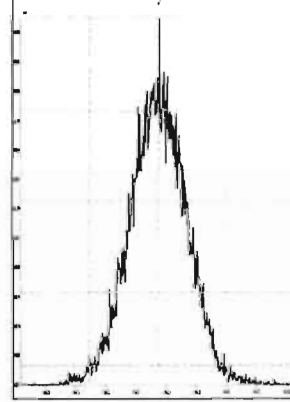
M 430.9728 R 11261



M 442.9728 R 10962



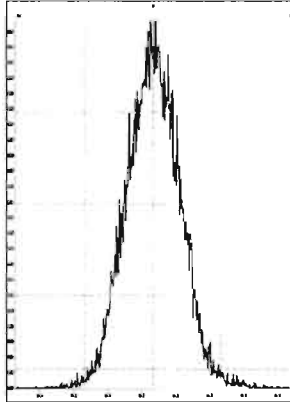
M 454.9728 R 11160



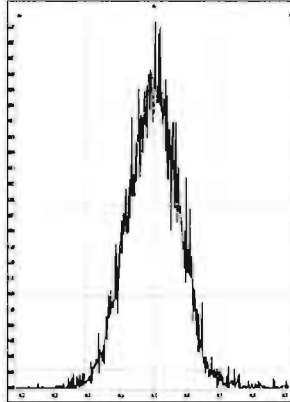
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Saturday, September 19, 2020 13:40:21 Pacific Daylight Time

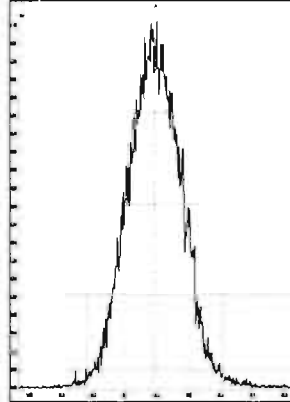
M 404.9760 R 11678



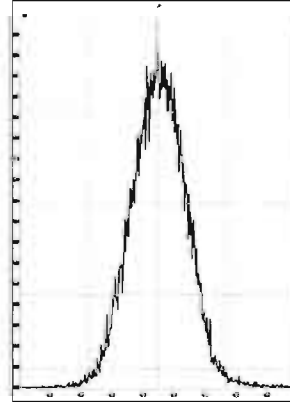
M 416.9760 R 11794



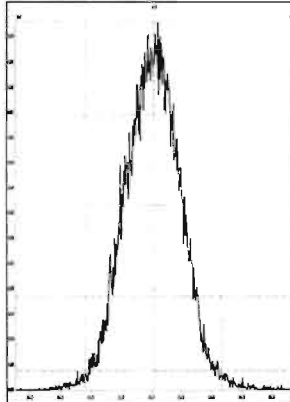
M 430.9728 R 11793



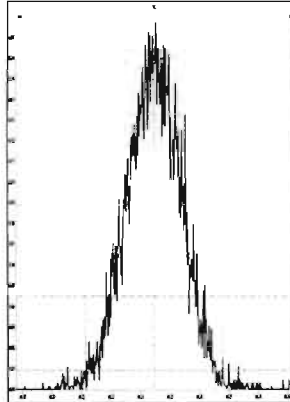
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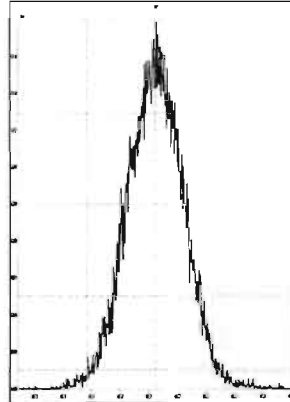
M 454.9728 R 11062



M 466.9728 R 11794



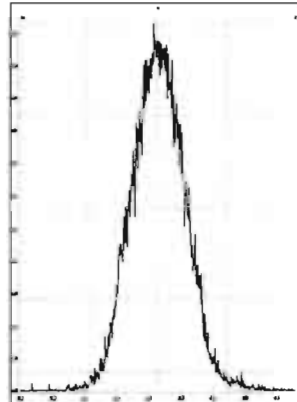
M 480.9696 R 11261



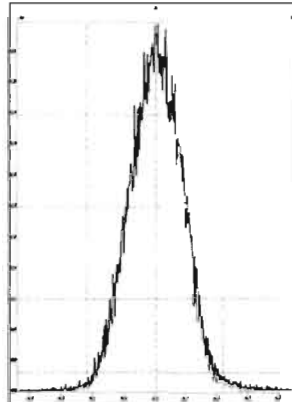
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Printed: Saturday, September 19, 2020 13:41:07 Pacific Daylight Time

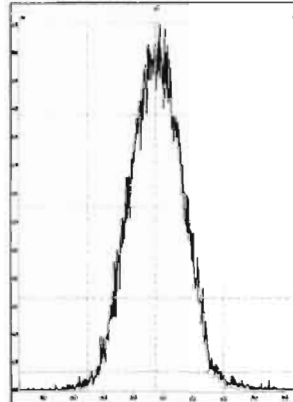
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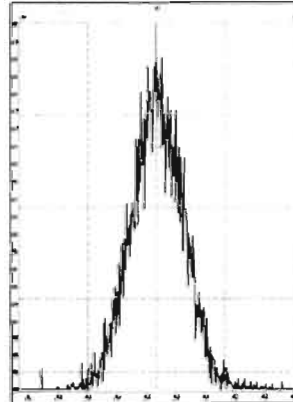
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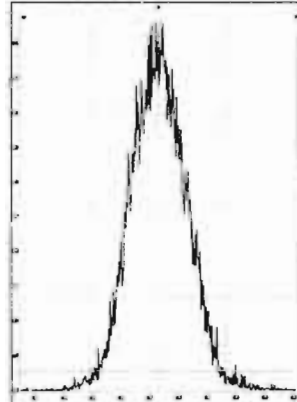
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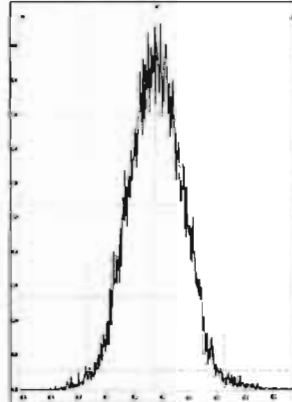
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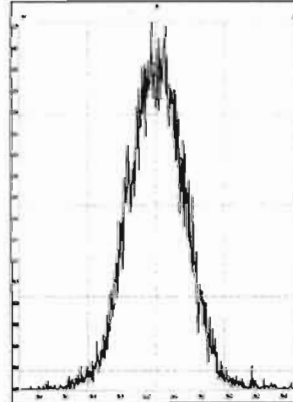
M 480.9696 R 11365



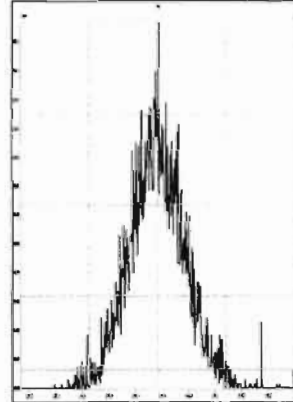
M 492.9696 R 11311



M 504.9696 R 10966



M 516.9697 R 12190



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

HN 09/21/2020

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36

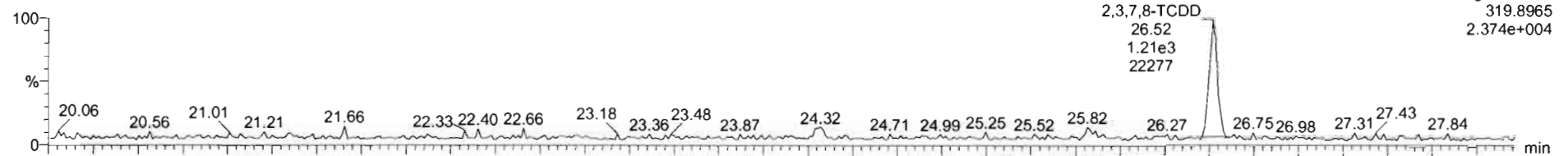
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20F1102

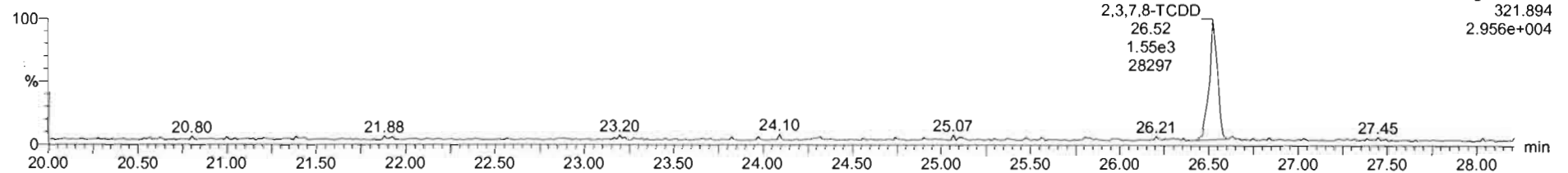
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2,3,7,8-TCDD

200919R2_1

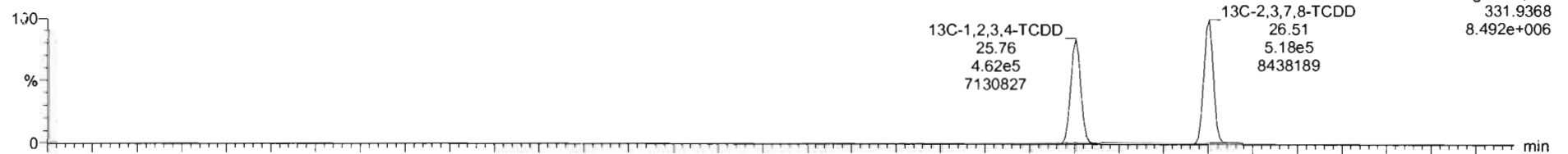


200919R2_1

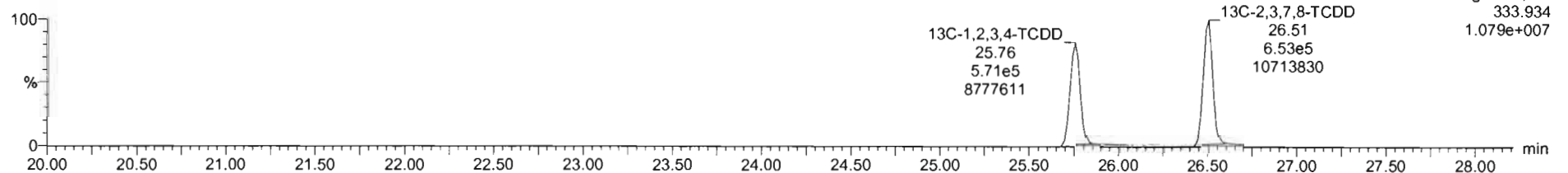


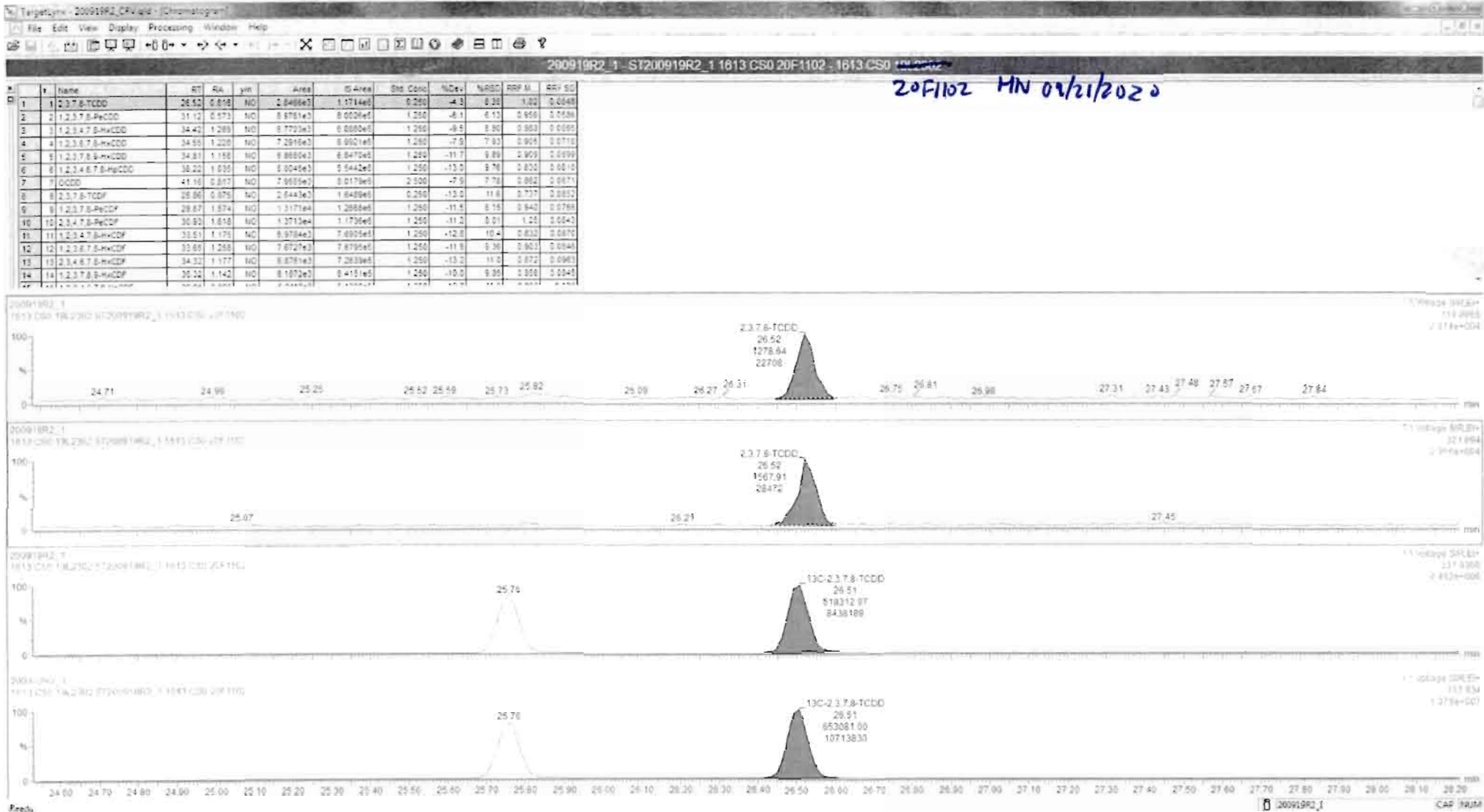
13C-2,3,7,8-TCDD

200919R2_1



200919R2_1





Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

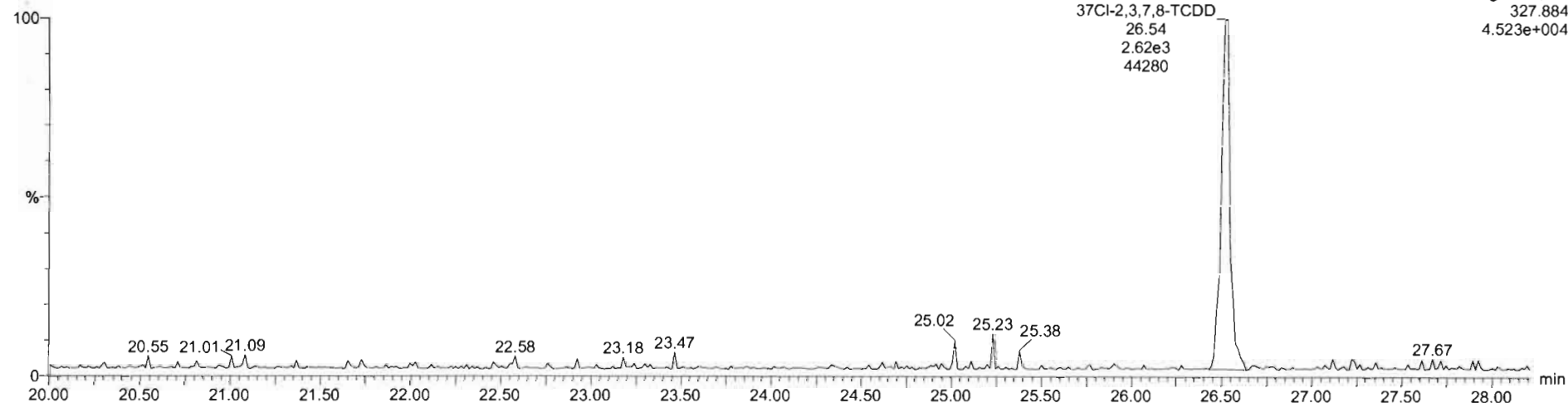
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20F1102 HM 09/21/2020

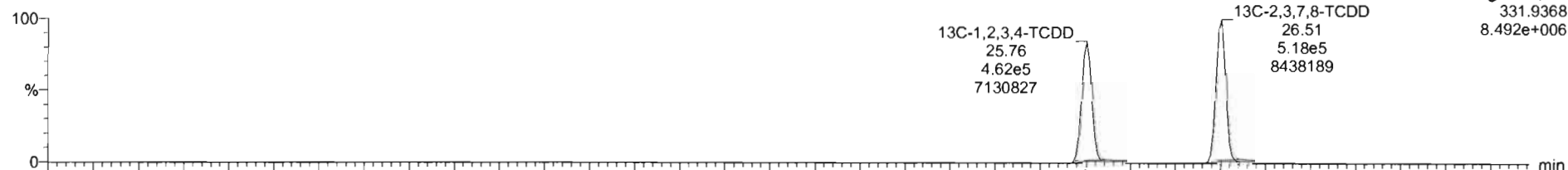
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200919R2_1

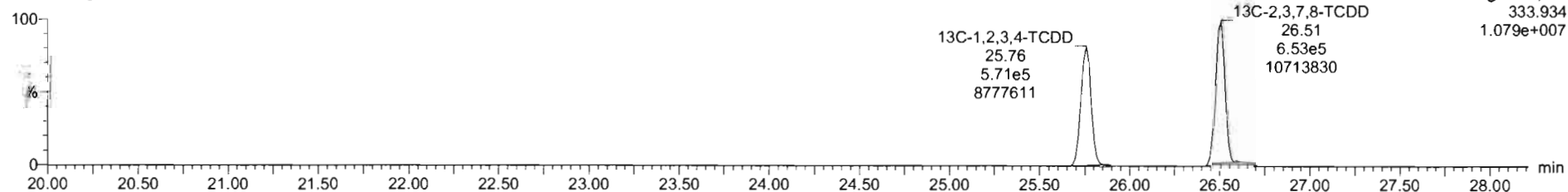


13C-1,2,3,4-TCDD

200919R2_1



200919R2_1



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

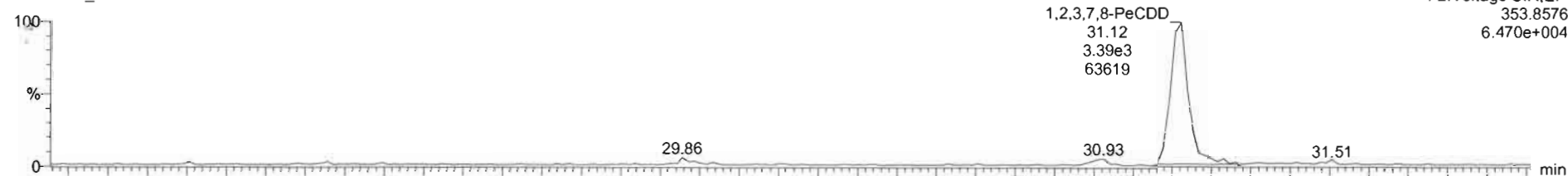
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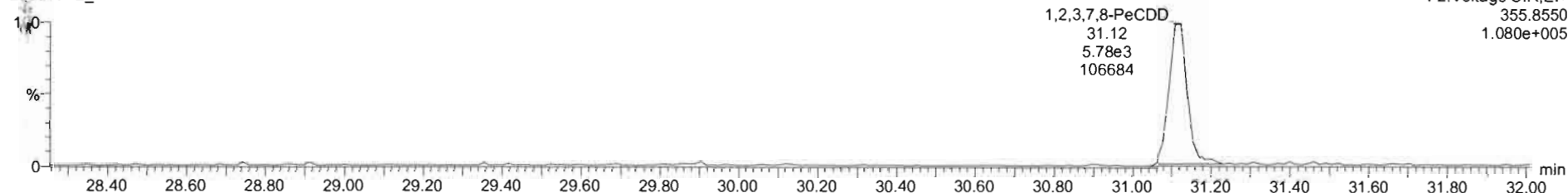
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1,2,3,7,8-PeCDD

200919R2_1

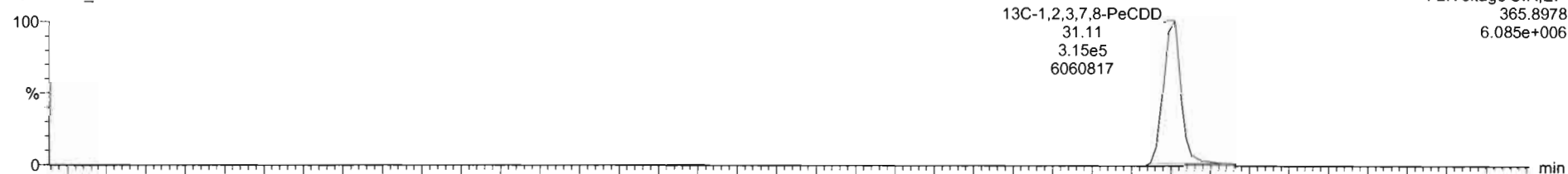


200919R2_1

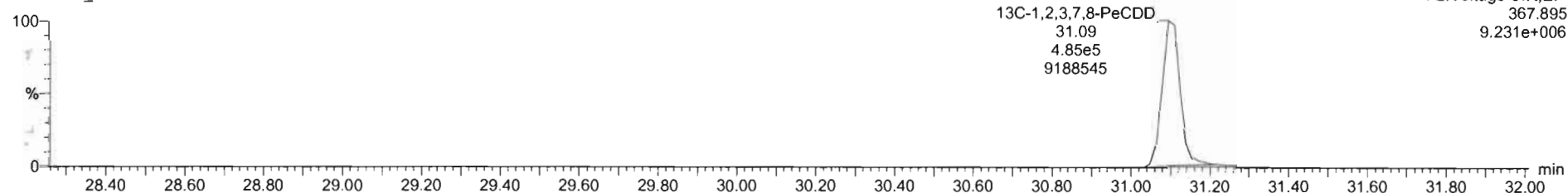


13C-1,2,3,7,8-PeCDD

200919R2_1

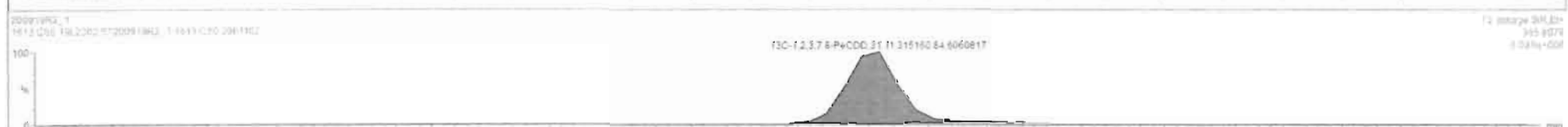


200919R2_1



#	File	RT	RA	YH	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
1	1 2,3,7,8-TCDF	26.92	0.816	NO	2.0486e3	1.171e6	0.250	-4.3	8.35	1.02	0.0545
2	2 1,2,3,7,8-PeCDD	31.12	0.573	NO	6.9701e3	6.0026e5	1.250	-6.1	8.13	0.958	0.0586
3	3 1,2,3,4,7,8-HxCDD	34.42	1.289	NO	6.7703e3	6.0880e5	1.250	-9.9	8.92	0.953	0.0565
4	4 1,2,3,6,7,8-HxCDD	34.95	1.220	NO	7.2919e3	6.9201e5	1.250	-7.9	7.93	0.905	0.0712
5	5 1,2,3,7,8,9-HxCDD	34.81	1.155	NO	6.8802e3	6.6470e5	1.250	-11.7	8.88	0.929	0.0899
6	6 1,2,3,4,6,7,8-HxCDD	38.22	1.925	NO	5.9045e3	5.5442e5	1.250	-13.0	9.78	0.830	0.0610
7	7 OCDD	41.76	0.817	NO	7.9935e3	8.0175e5	2.500	-7.9	7.78	0.862	0.0671
8	8 2,3,7,8-TCDF	25.86	0.875	NO	2.6443e3	1.6489e6	0.250	-13.0	11.8	0.737	0.0352
9	9 1,2,3,7,8-PeCDF	29.37	1.574	NO	1.3171e4	1.2885e6	1.250	-11.5	6.15	0.940	0.0789
10	10 1,2,3,4,7,8-PeCDF	30.92	1.618	NO	1.3715e4	1.1736e6	1.250	-11.2	8.01	1.05	0.0843
11	11 1,2,3,4,7,8-HxCDF	33.51	1.175	NO	6.9794e3	7.6995e5	1.250	-12.8	10.4	0.830	0.0670
12	12 1,2,3,6,7,8-HxCDF	33.65	1.268	NO	7.6727e3	7.6795e5	1.250	-11.9	9.38	0.903	0.0848
13	13 2,3,4,6,7,8-HxCDF	34.32	1.177	NO	6.8791e3	7.2839e5	1.250	-11.2	11.0	0.872	0.0863
14	14 1,2,3,7,8,9-HxCDF	35.32	1.142	NO	6.1672e3	6.4151e5	1.250	-10.0	8.95	0.898	0.0645

20F1102 HN 09/21/2002



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

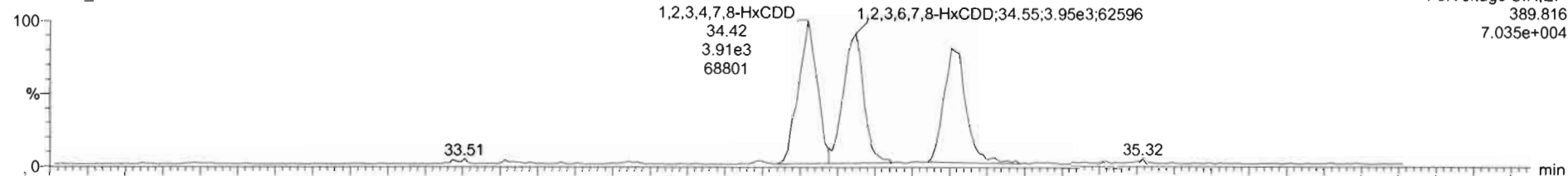
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

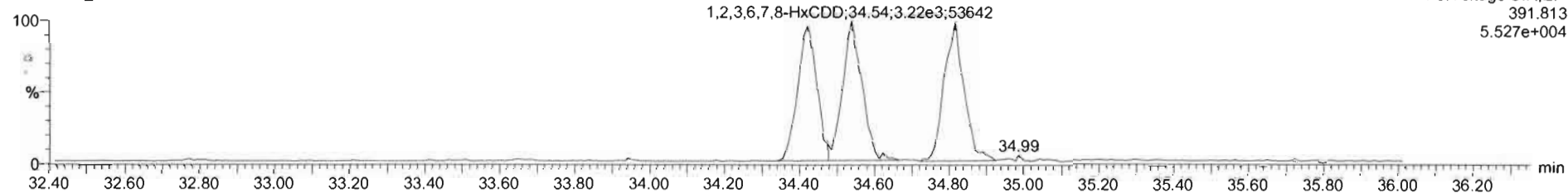
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1,2,3,4,7,8-HxCDD

200919R2_1

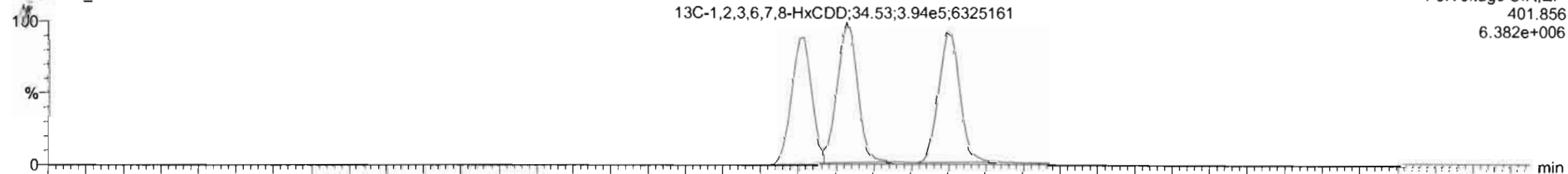


200919R2_1

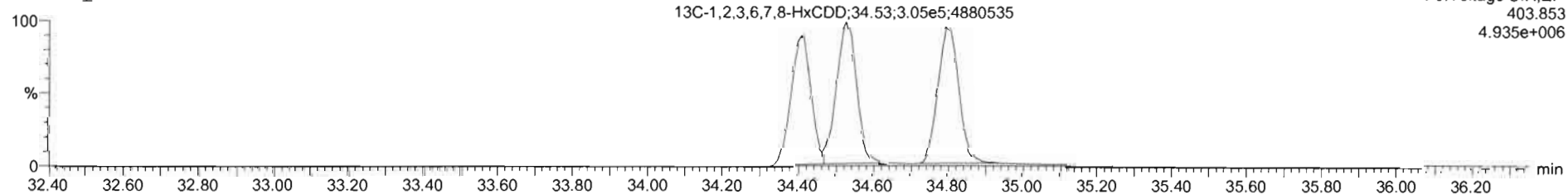


13C-1,2,3,4,7,8-HxCDD

200919R2_1

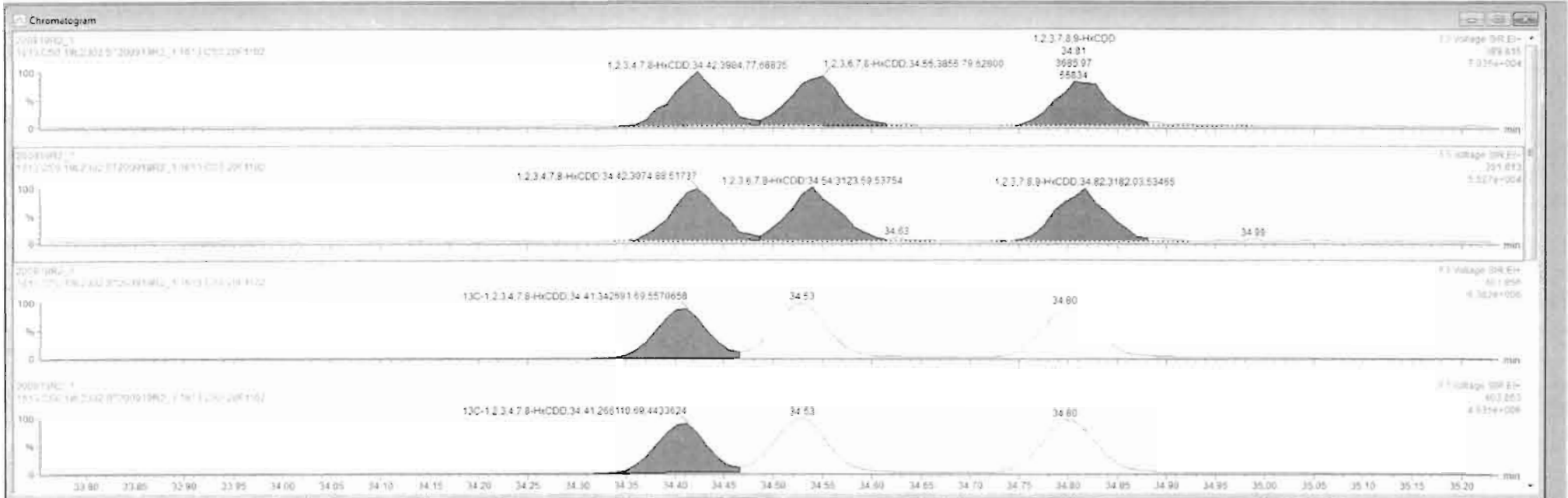


200919R2_1



#	Name	RT	RA	Yn	Area	S Area	Std Conc	%Dev	NRSD	RRF M	RRF SD
41	Total Hexa-Dioxins				0.000040	1.250	0.00	0.000	0.0716		
42	Total Hepta-Dioxins				5.542e5	1.250	9.99	0.832	0.0528		
43	Total Tetra-Furans				1.0400e6	2.250	11.3	0.734	0.0512		
44	1st Func. Penta-Furans				0.000040	1.250	0.00	0.930	0.0790		
45	Total Penta-Furans				0.000040	1.250	0.00	0.930	0.0790		
46	Total Hexa-Furans				0.000040	1.250	10.8	0.970	0.0950		
47	Total Hepta-Furans				0.000040	1.250	11.8	0.881	0.103		
48	PFK1					1.000					
49	PFK2					1.000					
50	PFK3					1.000					
51	PFK4					1.000					
52	PFK5					1.000					
53	PFK6					1.000					

20F1102 H1109/21/2020



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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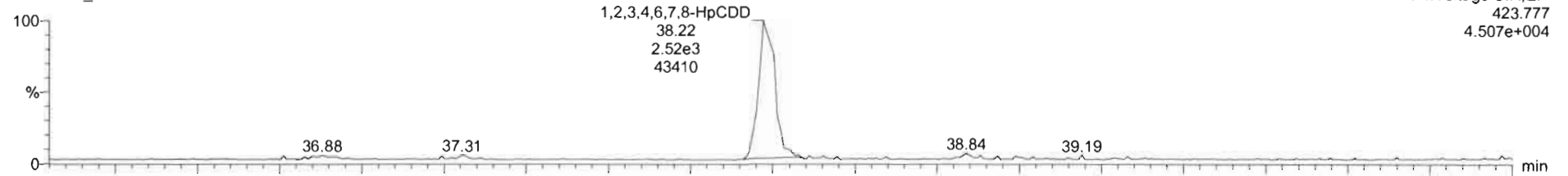
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

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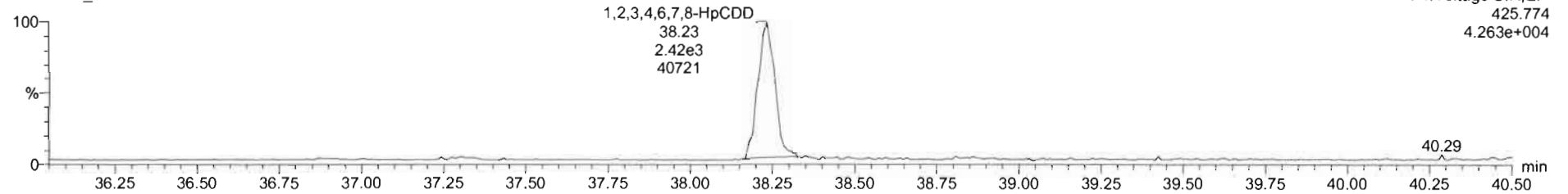
20F1102 HMO 9/21/2020

1,2,3,4,6,7,8-HpCDD

200919R2_1

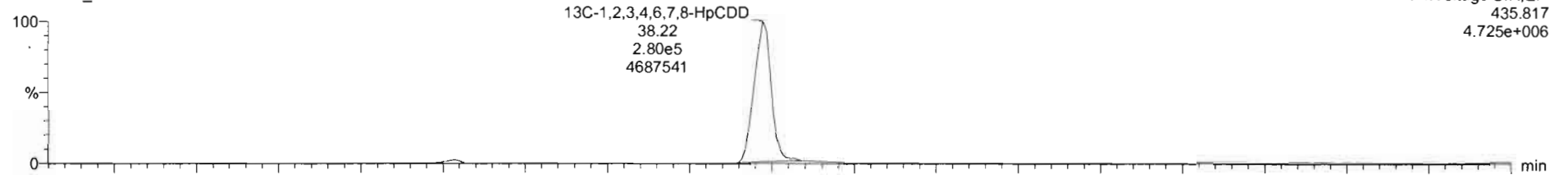


200919R2_1

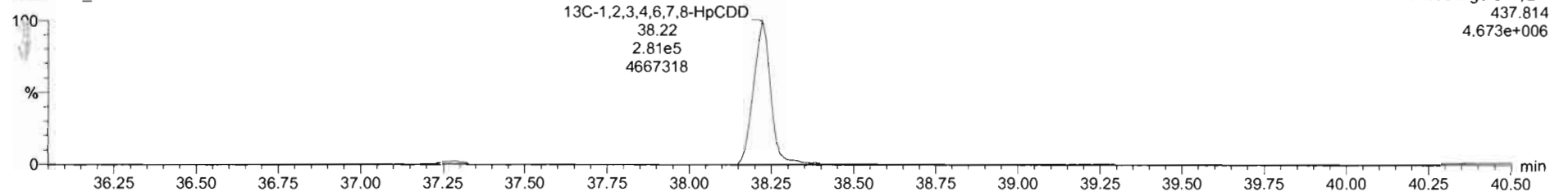


¹³C-1,2,3,4,6,7,8-HpCDD

200919R2_1

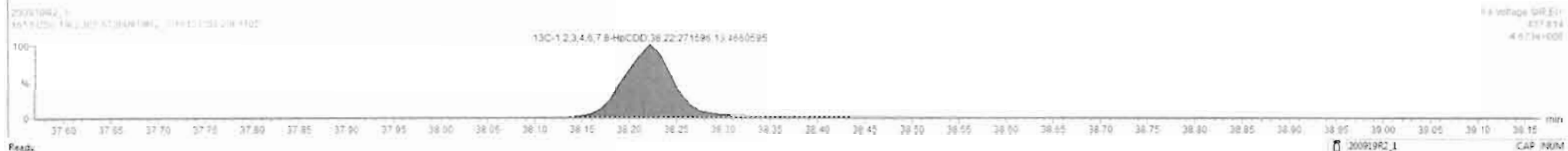


200919R2_1



200919R2_1 - ST200919R2_1 1613 CS0 20F1102 - 1613 CS0 40L230Z
 20F1102

#	Name	RT	RA	ym	Area	IS Area	Std Conc	NDev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.52	0.818	NO	2.8486e3	1.1714e8	0.250	-4.3	8.38	1.02	0.0548
2	1,2,3,7,8-PeCDD	31.12	0.873	NO	8.8781e3	8.0026e4	1.250	-8.1	8.13	0.958	0.0586
3	1,2,3,4,7,8-HxCDD	34.42	1.209	NO	6.7703e3	6.0880e4	1.250	-10.4	9.82	0.993	0.0627
4	1,2,3,6,7,8-HxCDD	34.55	1.228	NO	7.2918e3	6.9921e4	1.250	-8.3	8.61	0.996	0.0592
5	1,2,3,7,8,9-HxCDD	34.81	1.190	NO	8.9820e3	8.9470e4	1.250	-11.7	9.89	0.909	0.0690
6	1,2,3,4,6,7,8-PeCDO	36.22	1.035	NO	5.9045e3	5.5442e4	1.250	-12.0	8.78	0.830	0.0810
7	OCDD	41.18	0.517	NO	7.9556e3	8.0173e4	2.500	-7.9	7.70	0.862	0.0671
8	1,2,3,7,8-TCDF	25.86	0.879	NO	2.8443e3	1.8489e8	0.250	-13.0	11.6	0.737	0.0852
9	1,2,3,7,8-PeCDF	29.87	1.574	NO	1.3171e4	1.2666e8	1.250	-11.9	8.10	0.840	0.0786
10	1,2,3,4,7,8-PeCDF	30.92	1.618	NO	1.3713e4	1.1738e8	1.250	-11.2	8.01	1.05	0.0843
11	1,2,3,4,7,8-HxCDF	33.51	1.175	NO	8.9794e3	7.8905e4	1.250	-12.8	10.4	0.832	0.0870
12	1,2,3,6,7,8-HxCDF	33.65	1.258	NO	7.8727e3	7.8795e4	1.250	-11.9	9.38	0.903	0.0848
13	1,2,3,4,6,7,8-HxCDF	34.32	1.177	NO	8.8791e3	7.2839e4	1.250	-13.2	11.0	0.872	0.0963
14	1,2,3,7,8,9-HxCDF	35.32	1.142	NO	8.1872e3	8.4191e4	1.250	-10.0	9.92	0.858	0.0845



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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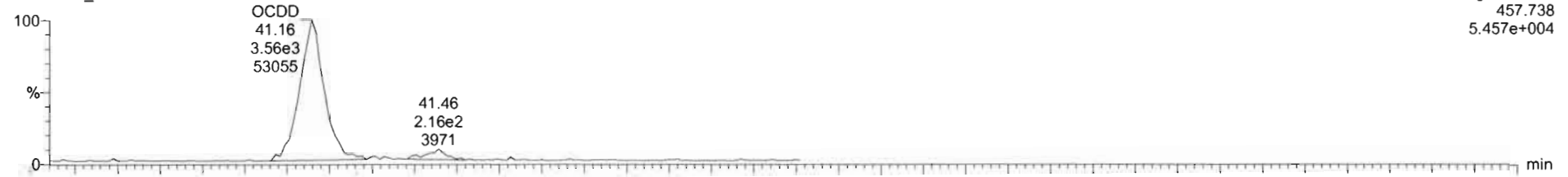
HN 09/21/2020

20F1102

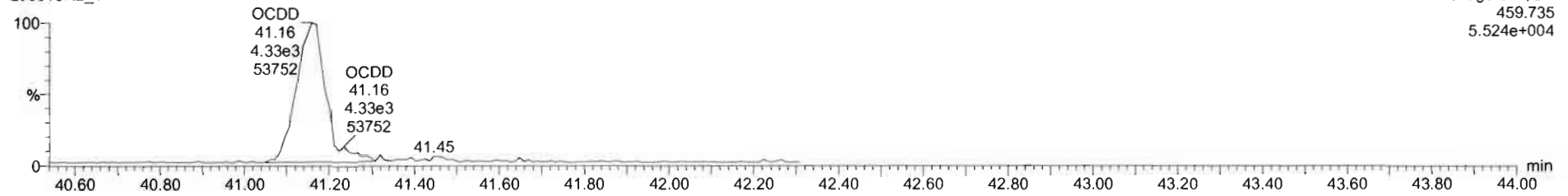
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OCDD

200919R2_1

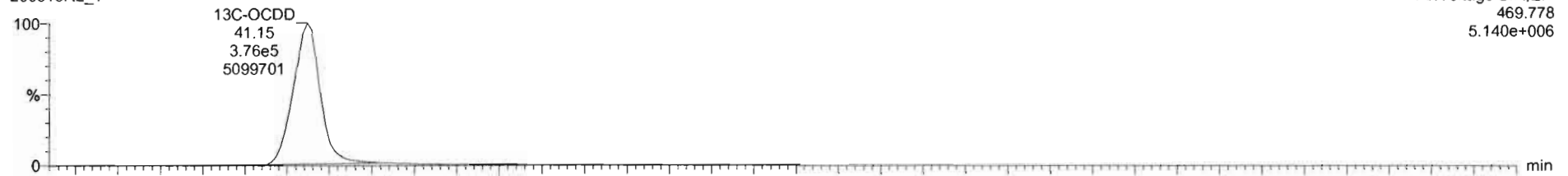


200919R2_1

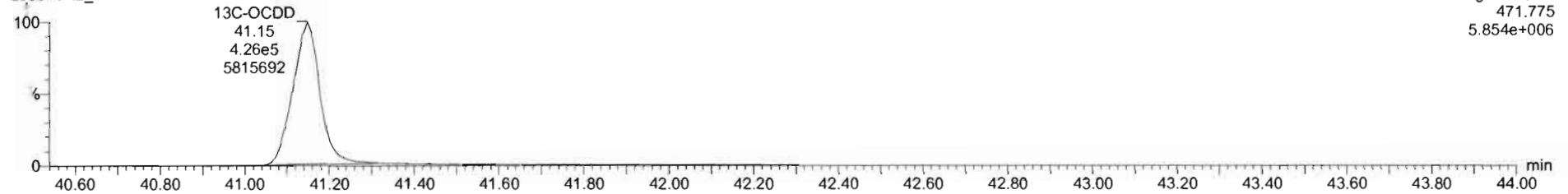


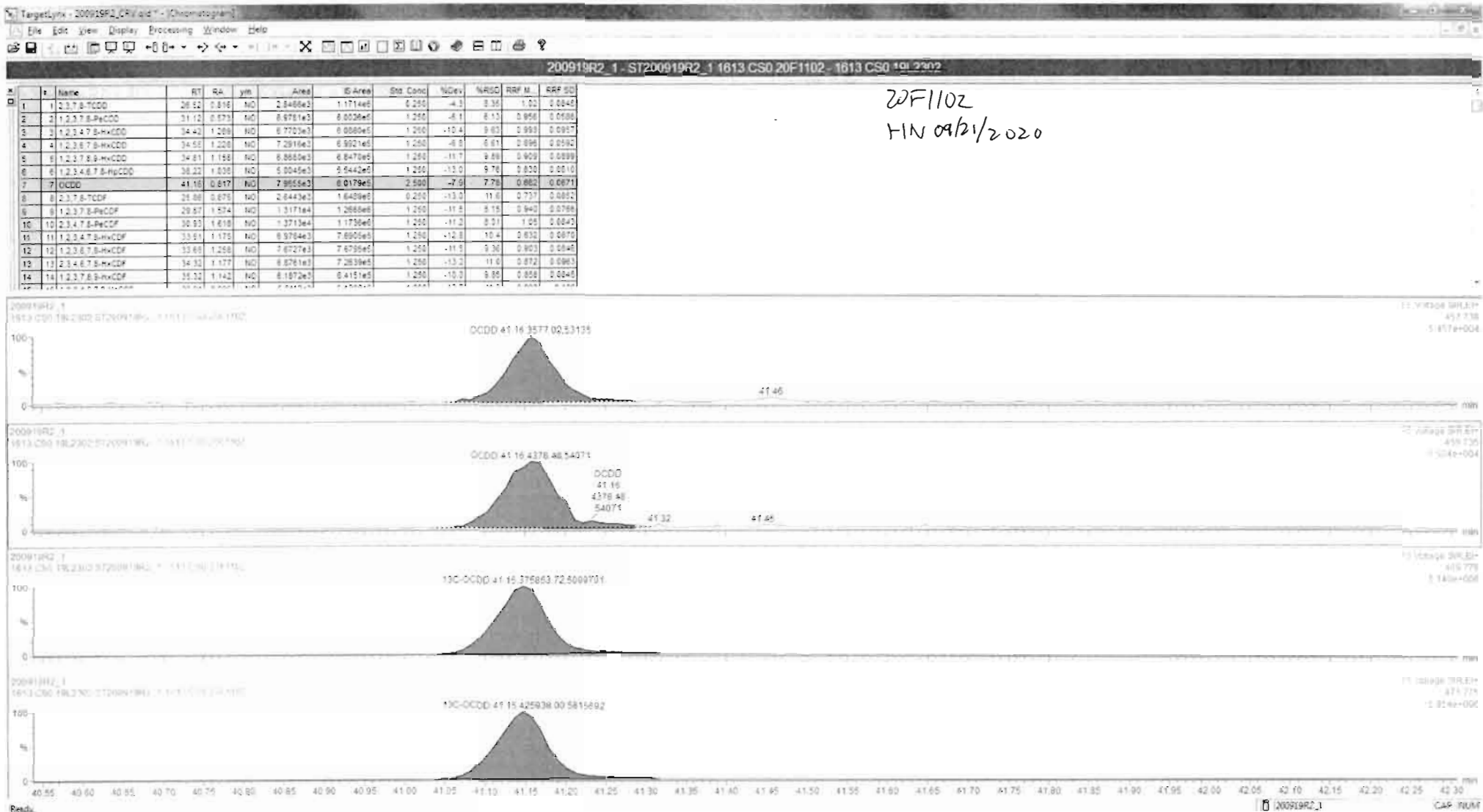
13C-OCDD

200919R2_1



200919R2_1





Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

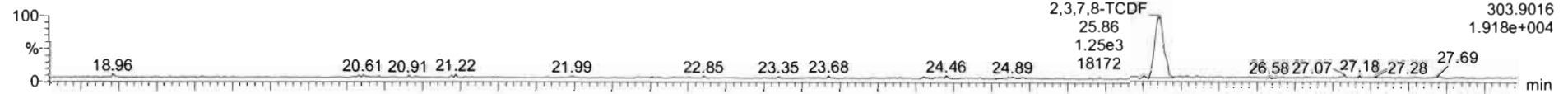
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

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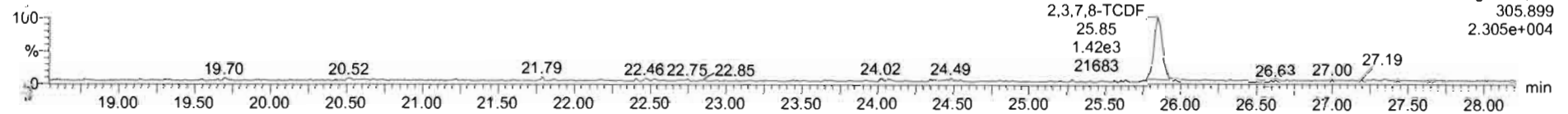
2,3,7,8-TCDF

200919R2_1



F1:Voltage SIR,EI+
303.9016
1.918e+004

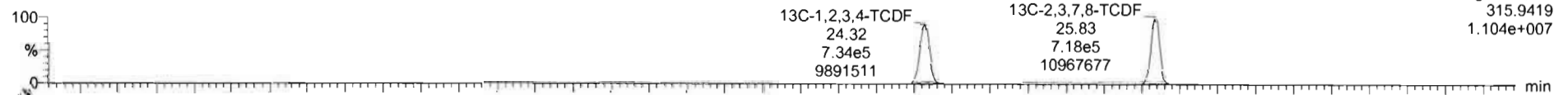
200919R2_1



F1:Voltage SIR,EI+
305.899
2.305e+004

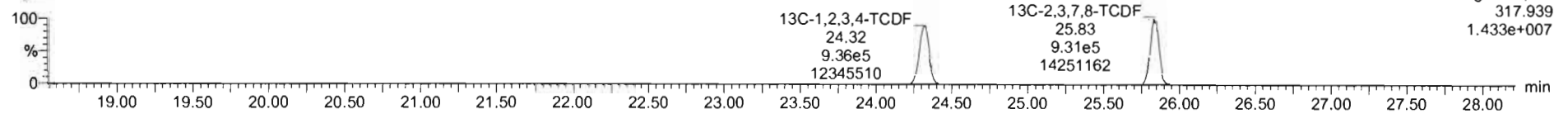
13C-2,3,7,8-TCDF

200919R2_1



F1:Voltage SIR,EI+
315.9419
1.104e+007

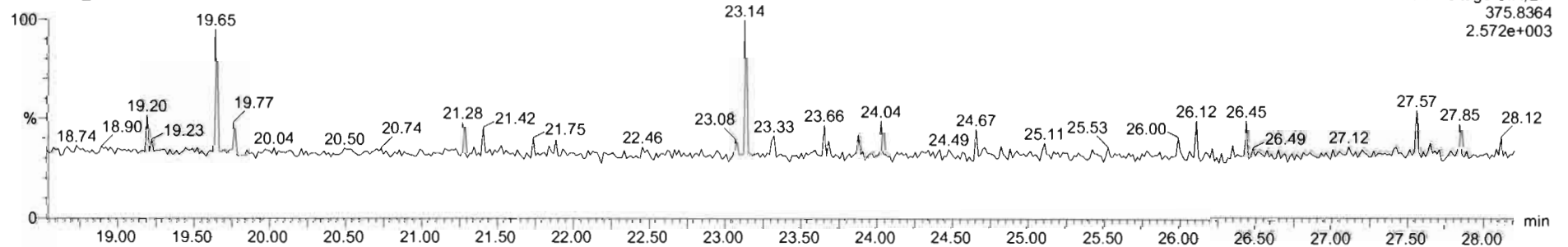
200919R2_1



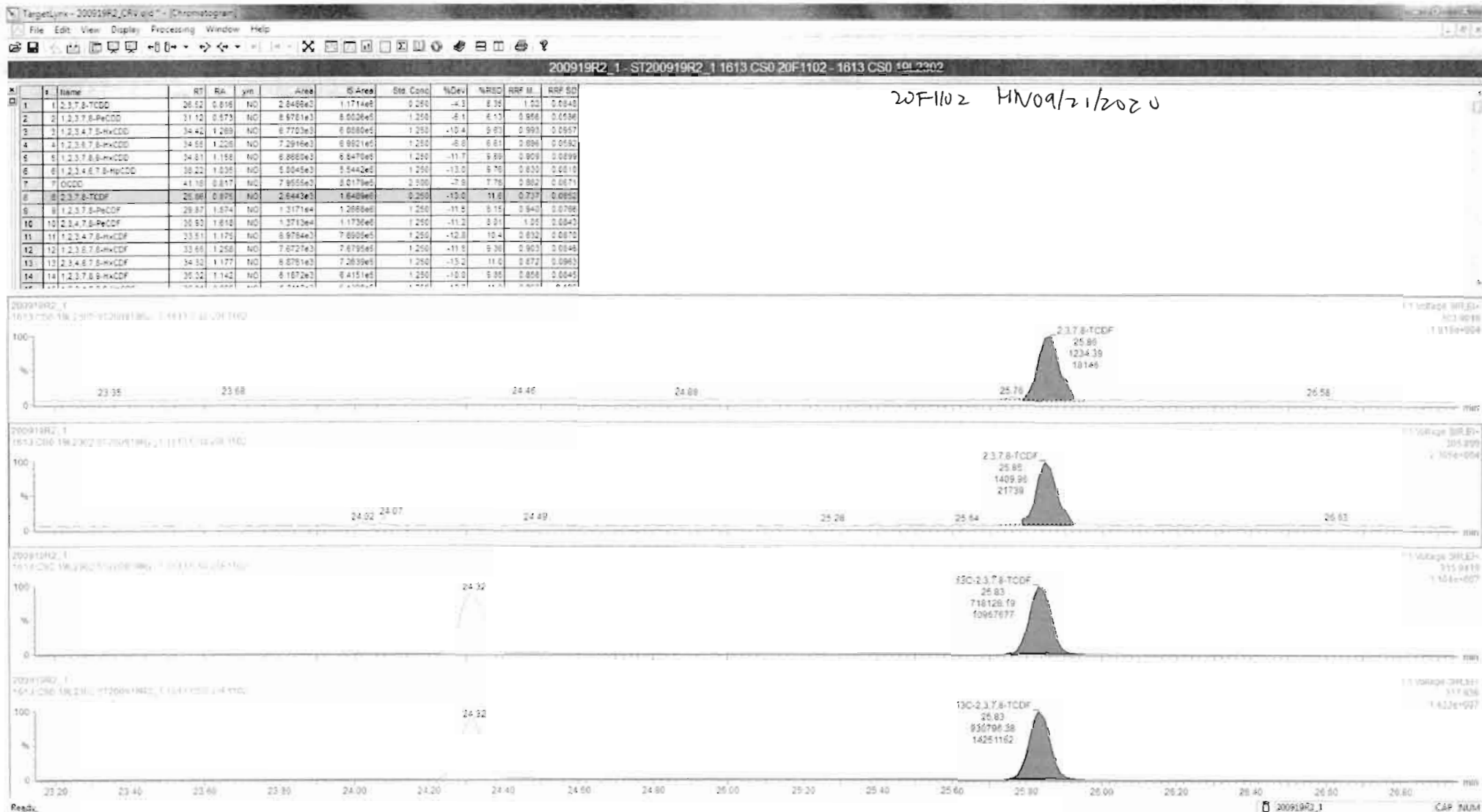
F1:Voltage SIR,EI+
317.939
1.433e+007

DPE1

200919R2_1



F1:Voltage SIR,EI+
375.8364
2.572e+003



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

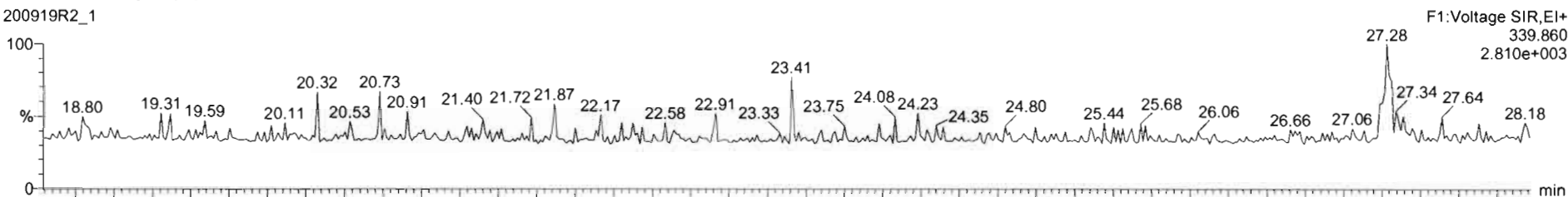
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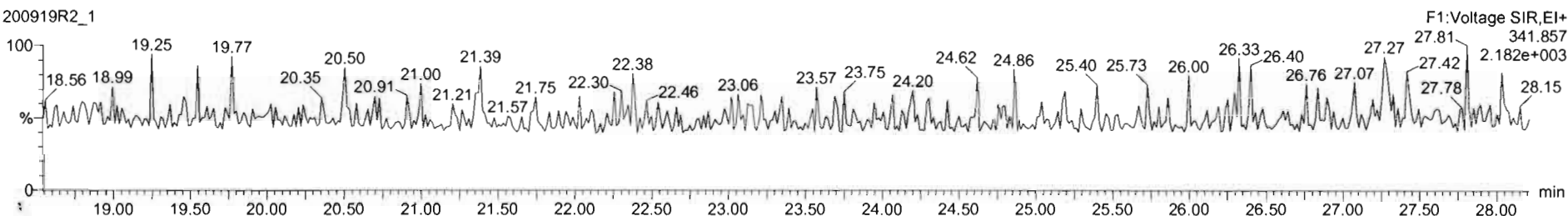
20F1102
LIN 09/21/2020

1st Func. Penta-Furans

200919R2_1

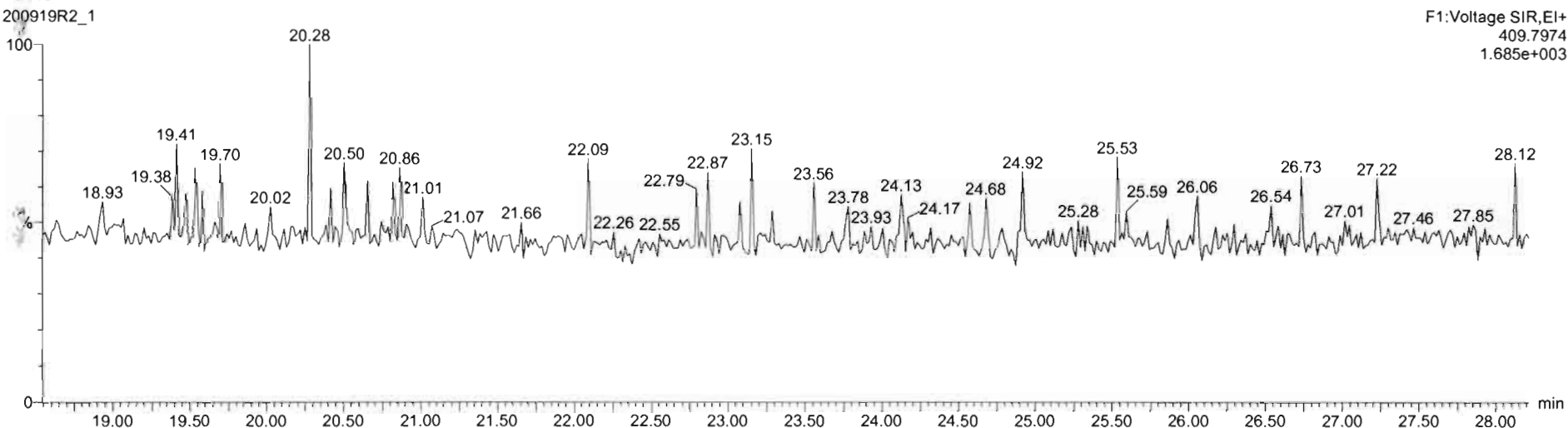


200919R2_1



DPE6

200919R2_1



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

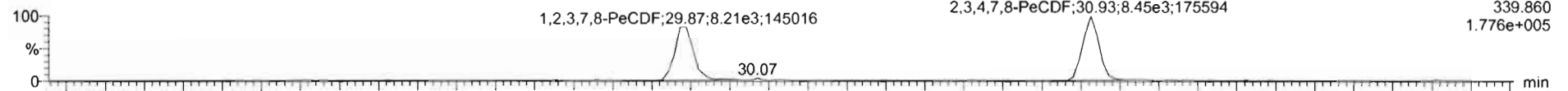
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

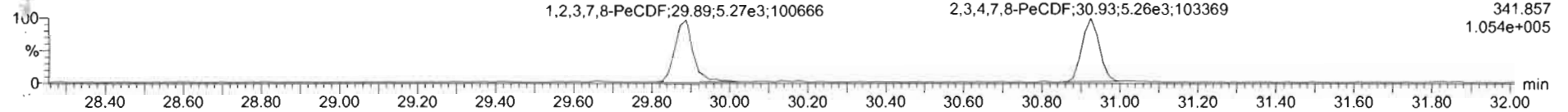
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WF1102
HW 09/21/2020

1,2,3,7,8-PeCDF

200919R2_1

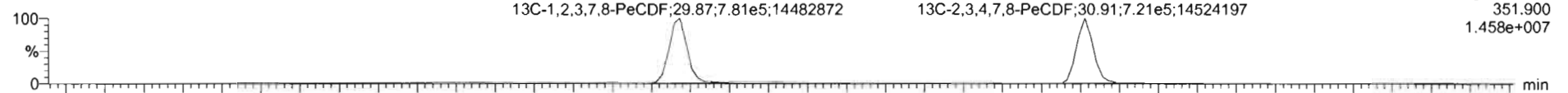


200919R2_1

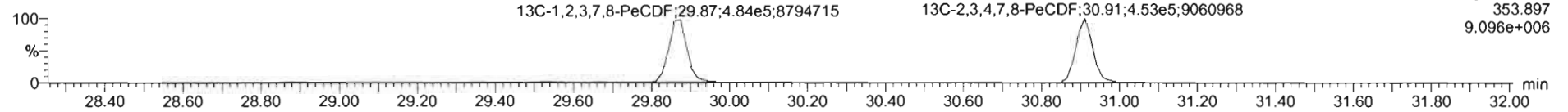


13C-1,2,3,7,8-PeCDF

200919R2_1

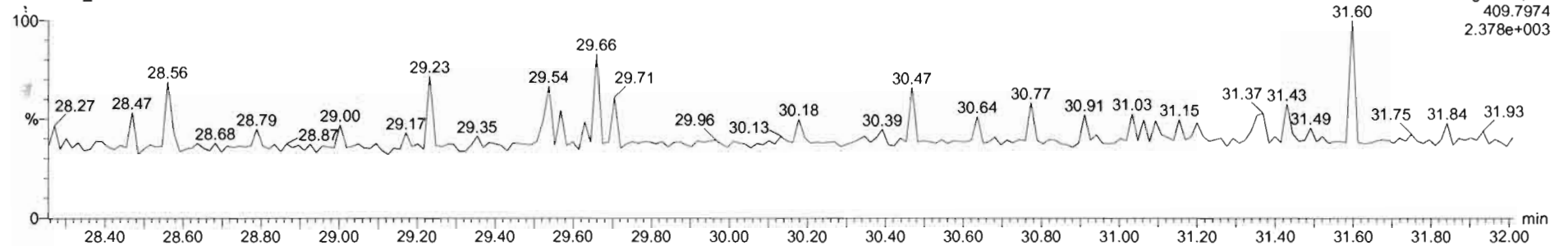


200919R2_1



DPE2

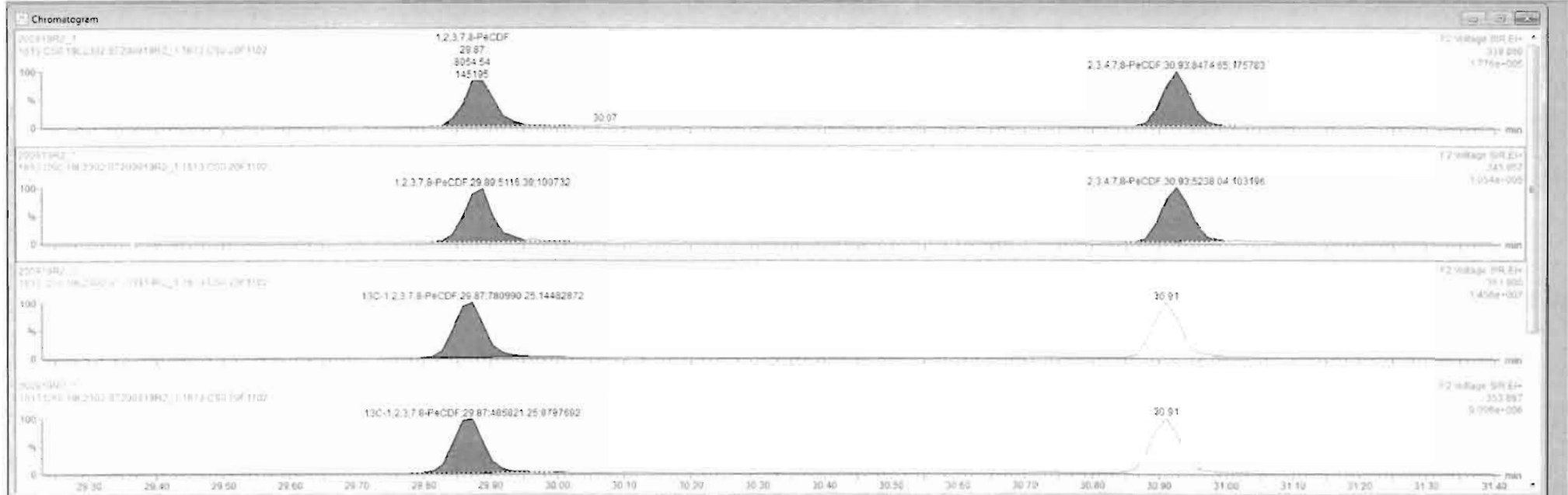
200919R2_1



200919R2_1 - ST200919R2_1 1613 CS0 20F1102 - 1613 CS0 20F1102

#	Name	RT	RA	Yth	Area	%Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
41	Total Hexa-Dioxins				0.0000e0	1.250			8.39	0.588	0.0716
42	Total Hepta-Dioxins				8.5442e1	1.250			9.94	0.632	0.0528
43	Total Tetra-Furans				1.9489e1	0.250			11.3	0.735	0.0532
44	1st Func. Penta-Furans				0.0000e0	1.250			9.35	0.639	0.0758
45	Total Penta-Furans				0.0000e0	1.250			8.96	0.639	0.0758
46	Total Hexa-Furans				0.0000e0	1.250			10.5	0.670	0.0930
47	Total Hepta-Furans				0.0000e0	1.250			11.6	0.691	0.103
48	PK1					1.000					
49	PK2					1.000					
50	PK3					1.000					
51	PK4					1.000					
52	PK5					1.000					
53	PK6					1.000					

20F1102
 HN09/21/200



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

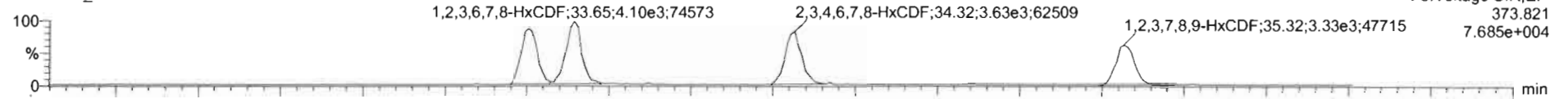
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

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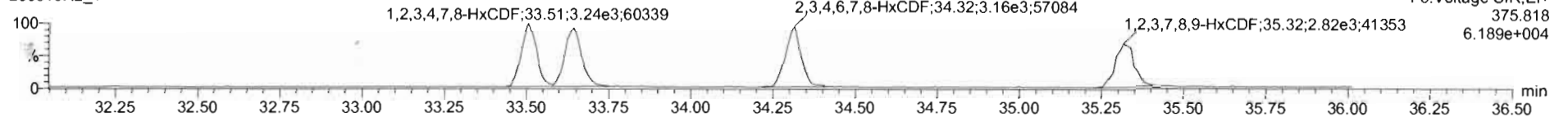
~~70~~
20F1102
HN 09/21/2020

1,2,3,4,7,8-HxCDF

200919R2_1

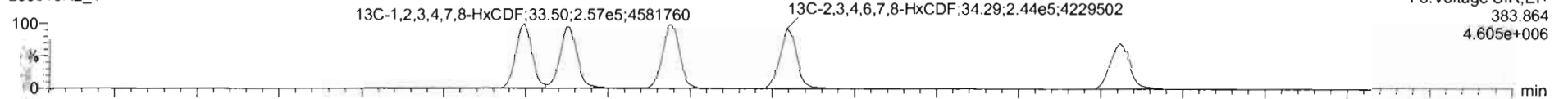


200919R2_1

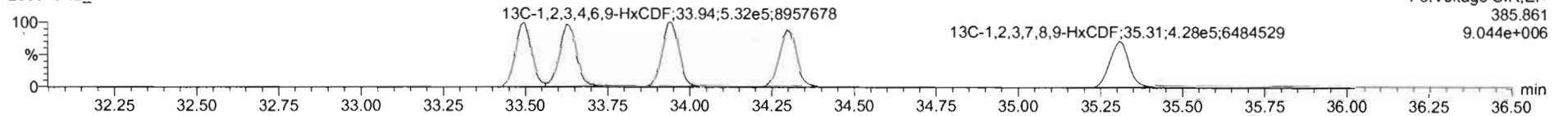


13C-1,2,3,4,7,8-HxCDF

200919R2_1

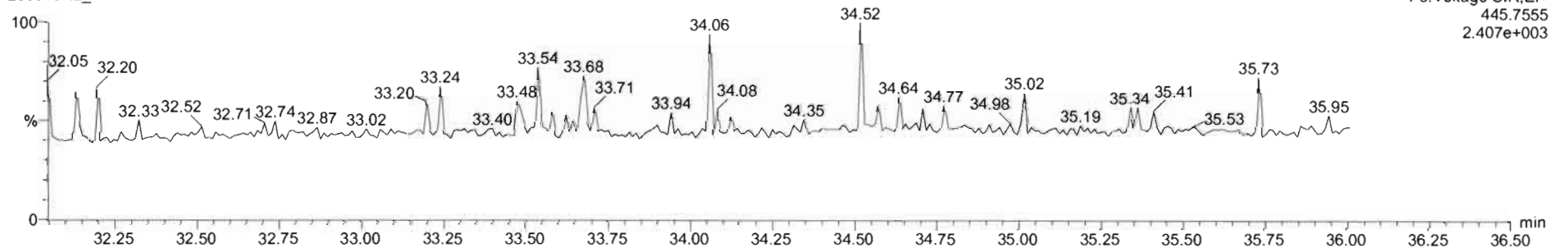


200919R2_1



DPE3

200919R2_1



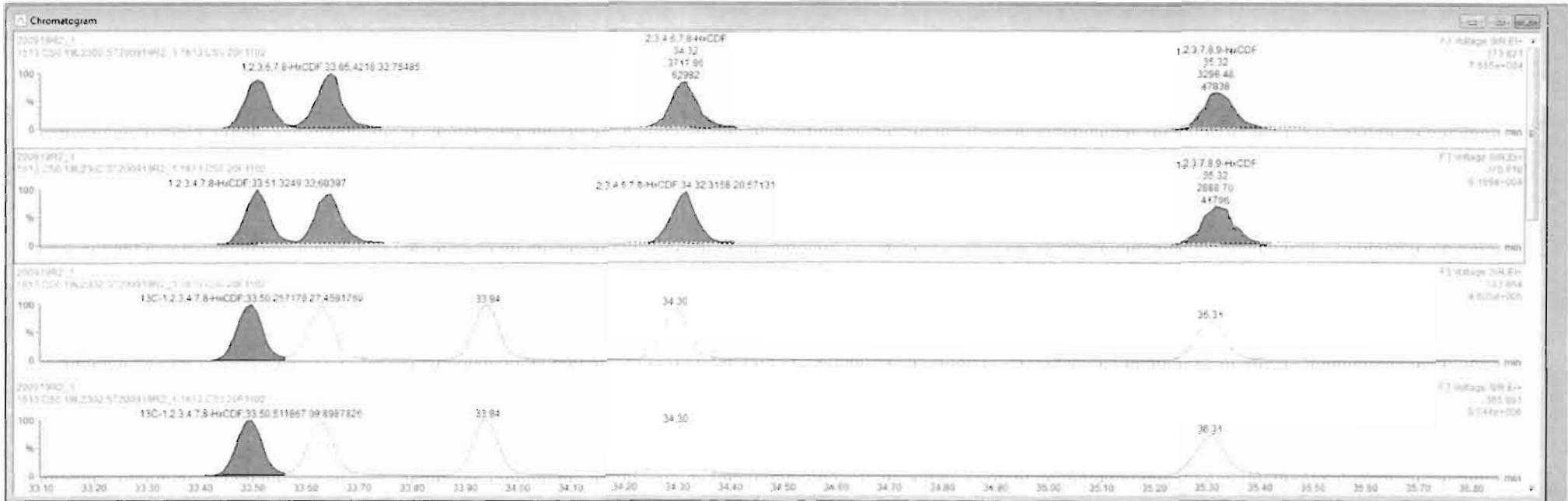
TargetLynx - 200919R2_CIV.eid

File Edit View Display Processing Window Help

200919R2_1 - ST200919R2_1 1613 CS0 20F1102 - 1613 CS0

20F1102
HN09/21/2020

ID	Name	RT	RA	Yn	Area	IS Area	Std. Conc.	NDev	NRSD	RRF M	RRF SD
41	Total Hexa-Dioxins				0.0000e0	1.250			8.99	0.988	1.0716
42	Total Hepta-Dioxins				9.5442e5	1.250			9.96	0.832	0.0028
43	Total Tetra-Furans				1.0400e0	0.250			11.3	0.735	0.0032
44	1st Func. Penta-Furans				0.0000e0	1.250			3.96	0.928	0.0756
45	Total Penta-Furans				0.0000e0	1.250			6.36	0.928	0.0756
46	Total Hexa-Furans				0.0000e0	1.250			10.8	0.870	0.0030
47	Total Hepta-Furans				0.0000e0	1.250			11.6	0.891	0.103
48	PK1					1.000					
49	PK2					1.000					
50	PK3					1.000					
51	PK4					1.000					
52	PK5					1.000					
53	PK6					1.000					



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

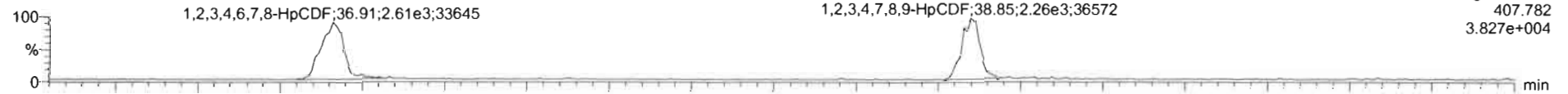
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

HN 09/21/2020
20F1102

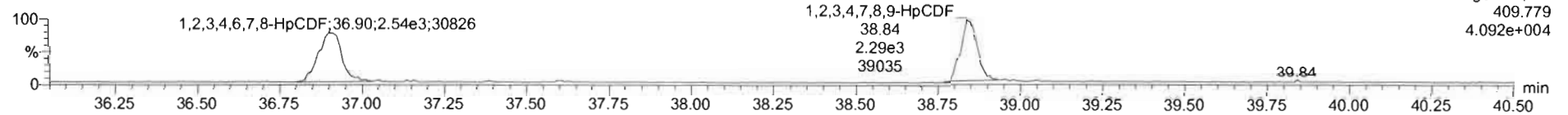
Name: 200919R2_1, Date: 19-Sep-2020, Time: 13:41:21, ID: ST200919R2_1 1613 CS0 20F1102, Description: 1613 CS0 ~~19L2302~~

1,2,3,4,6,7,8-HpCDF

200919R2_1

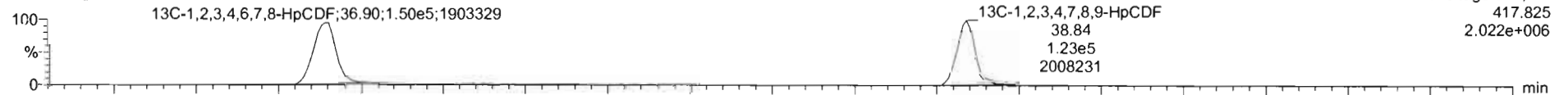


200919R2_1

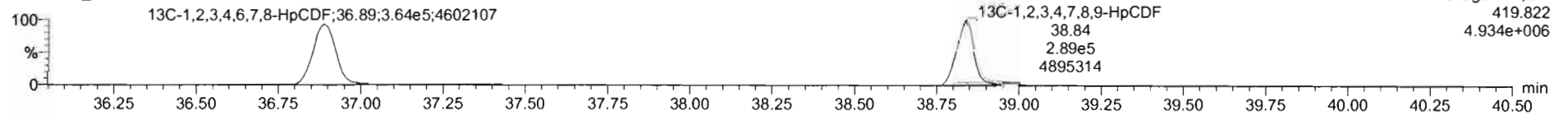


13C-1,2,3,4,6,7,8-HpCDF

200919R2_1

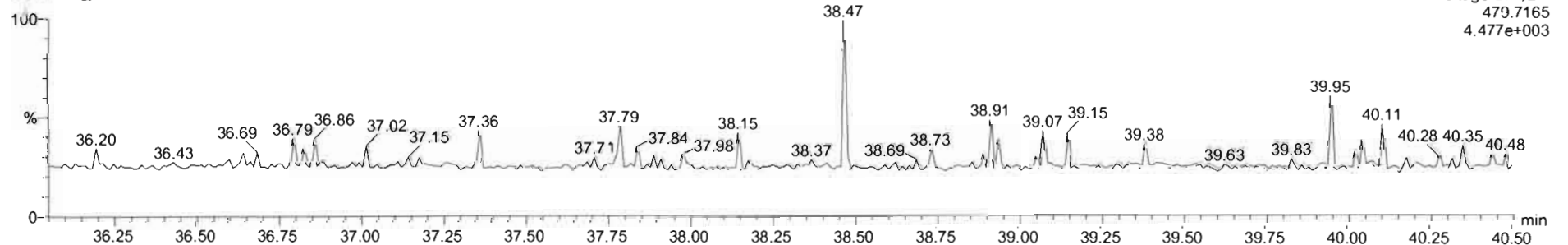


200919R2_1



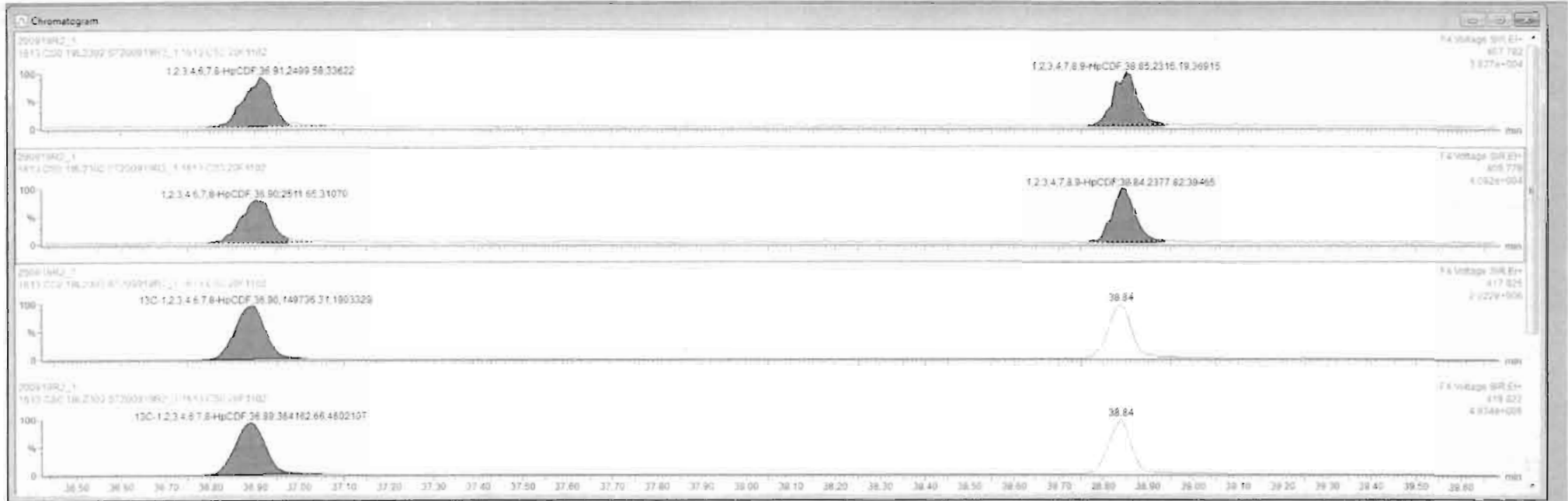
DPE4

200919R2_1



#	Name	RT	RA	YR	Area	IS Area	Std. Conc.	%Dev.	NRSD	RRF M	RRF SD
41	Total Hexa-Dioxins				0.0000e0	1.250		8.59	0.888	0.0718	
42	Total Hepta-Dioxins				8.5426e1	1.250		9.90	0.832	0.0028	
43	Total Tetra-Furans				1.8489e1	0.250		11.3	0.751	0.0032	
44	Total Penta-Furans				0.0000e0	1.250		8.38	0.938	0.0756	
45	Total Hexa-Furans				0.0000e0	1.250		8.38	0.938	0.0756	
46	Total Hepta-Furans				0.0000e0	1.250		10.1	0.870	0.0938	
47	Total Octa-Furans				0.0000e0	1.250		11.8	0.891	0.103	
48	PFK1					1.000					
49	PFK2					1.000					
50	PFK3					1.000					
51	PFK4					1.000					
52	PFK5					1.000					
53	PFK6					1.000					

20F1102
 HN 09/21/2020



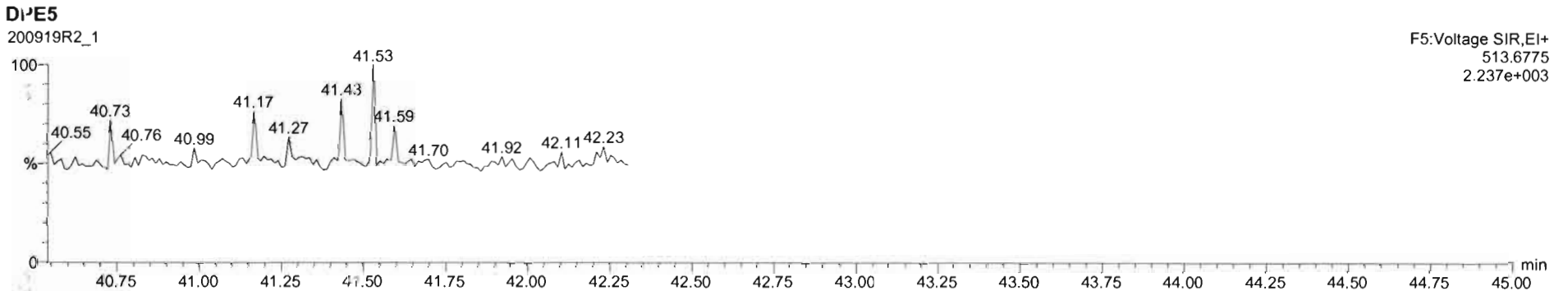
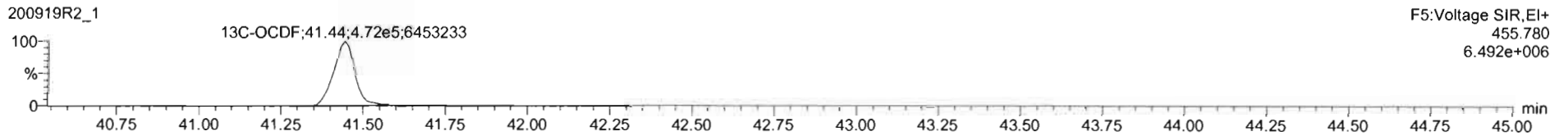
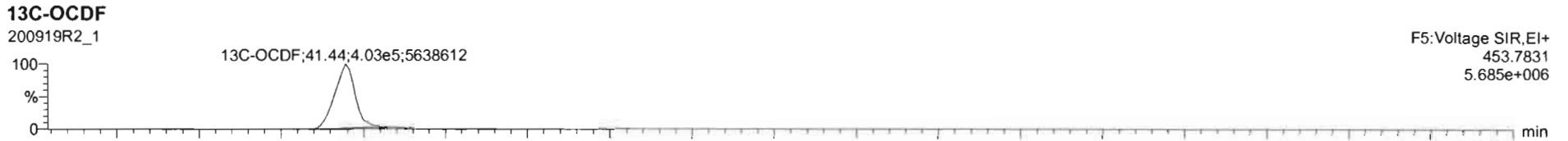
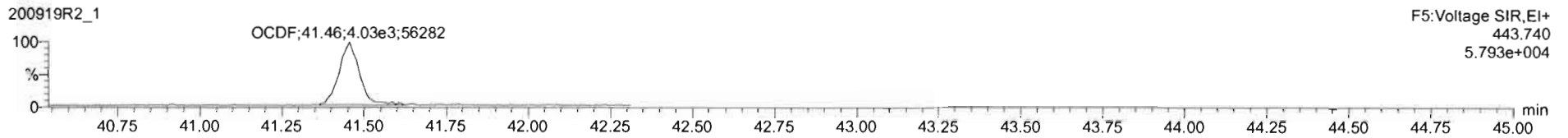
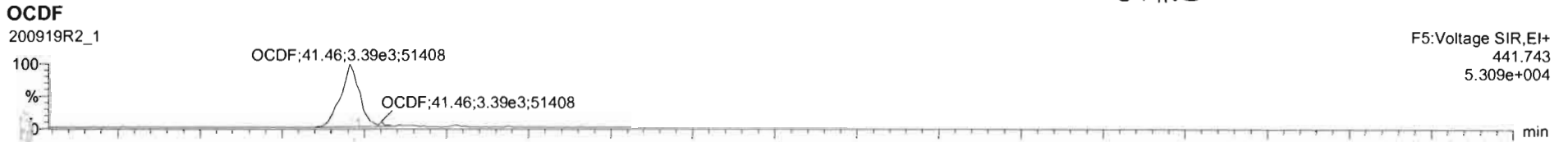
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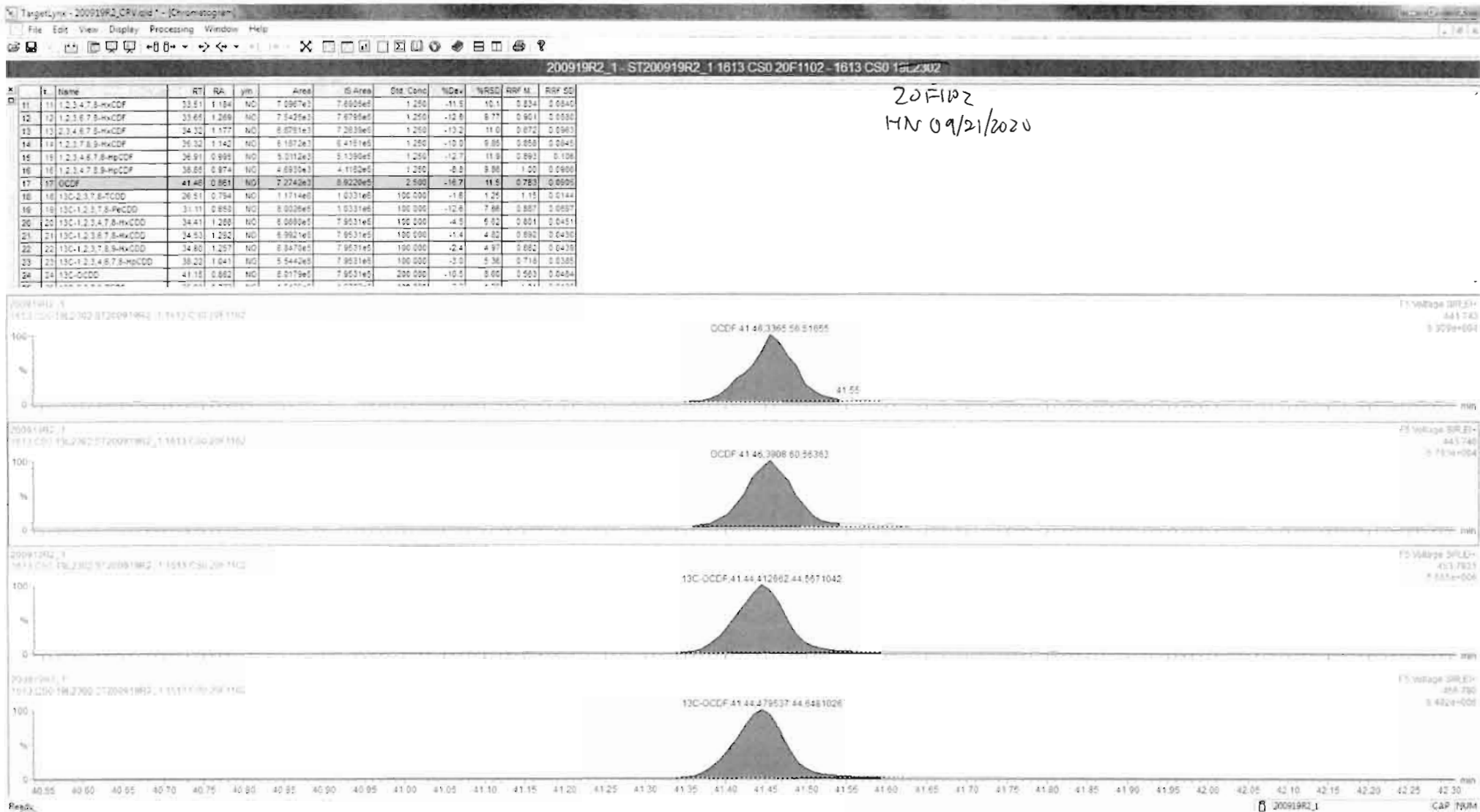
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

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HN 09/21/2020
20F1102



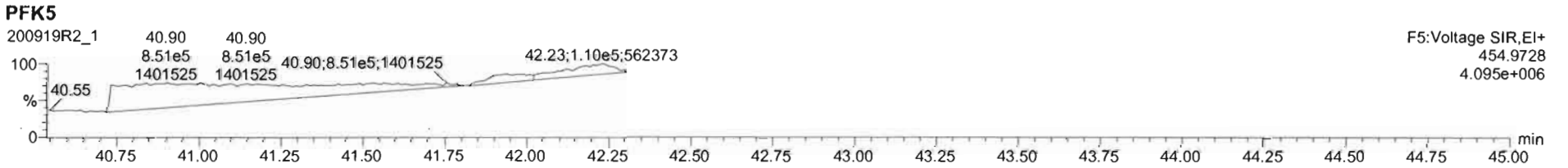
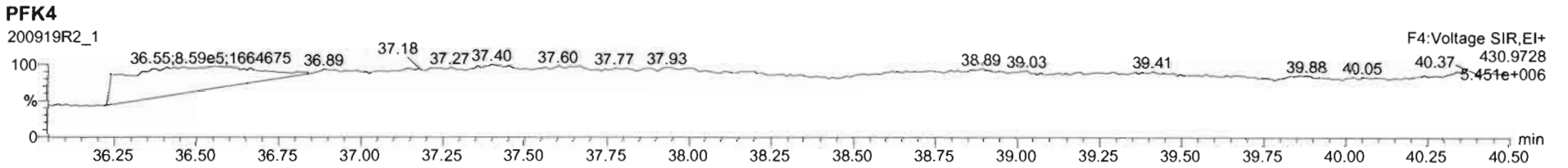
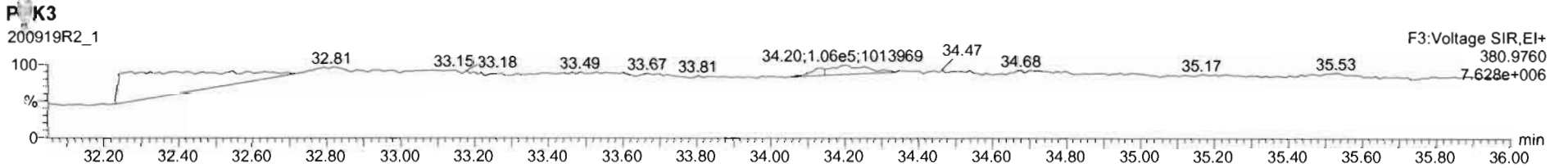
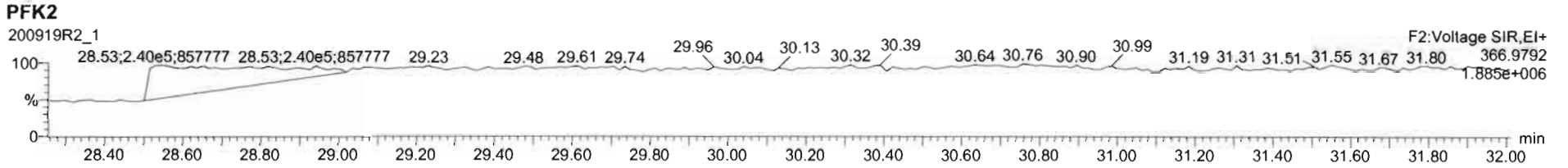
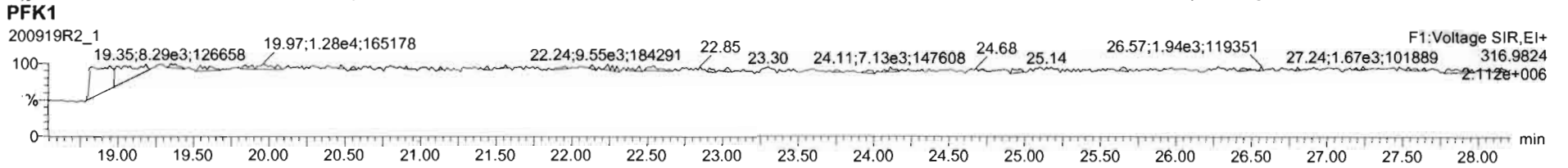


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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_1, Date: 19-Sep-2020, Time: 13:41:21, ID: ST200919R2_1 1613 CS0 20F1102, Description: 1613 CS0 ~~19L2302~~
20F1102
HN 09/21/2020



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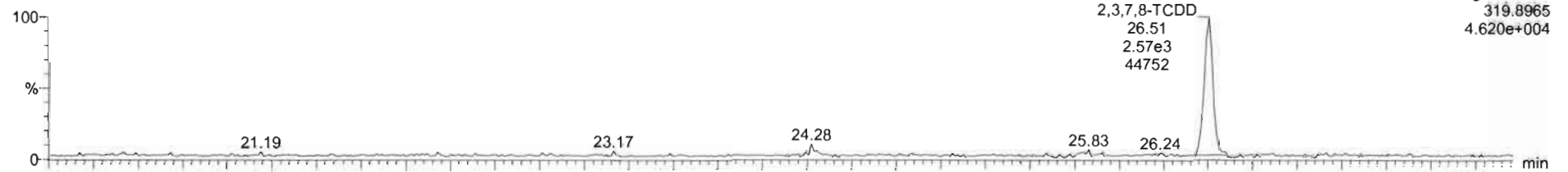
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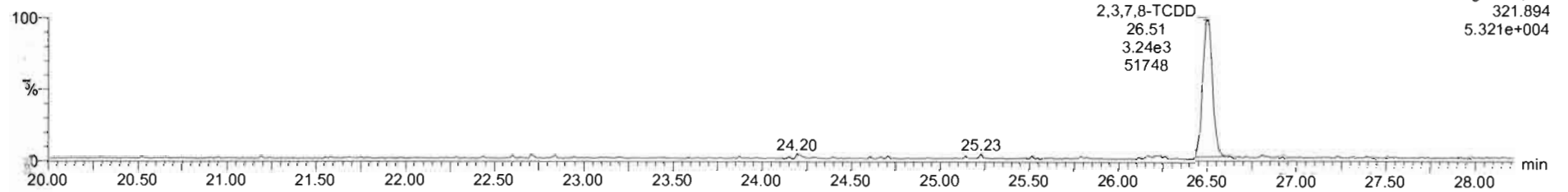
20F1103
~~20F1102~~
HN09/21/2020

2,3,7,8-TCDD

200919R2_2

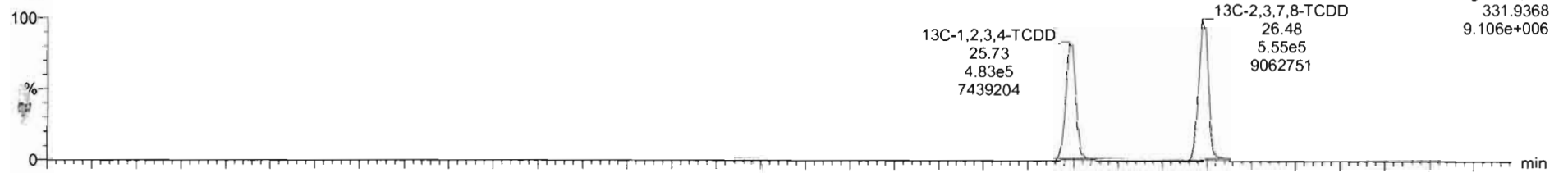


200919R2_2

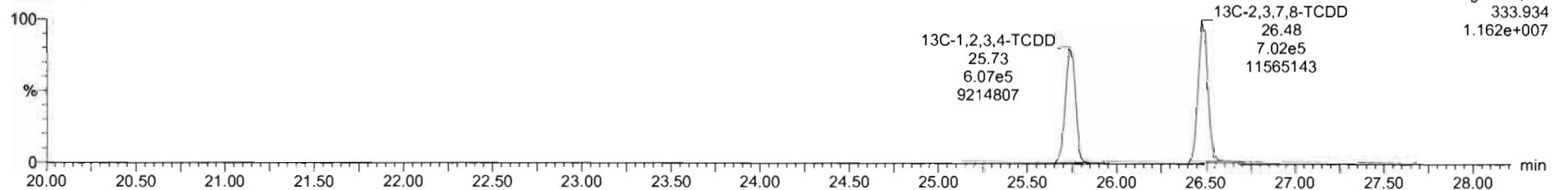


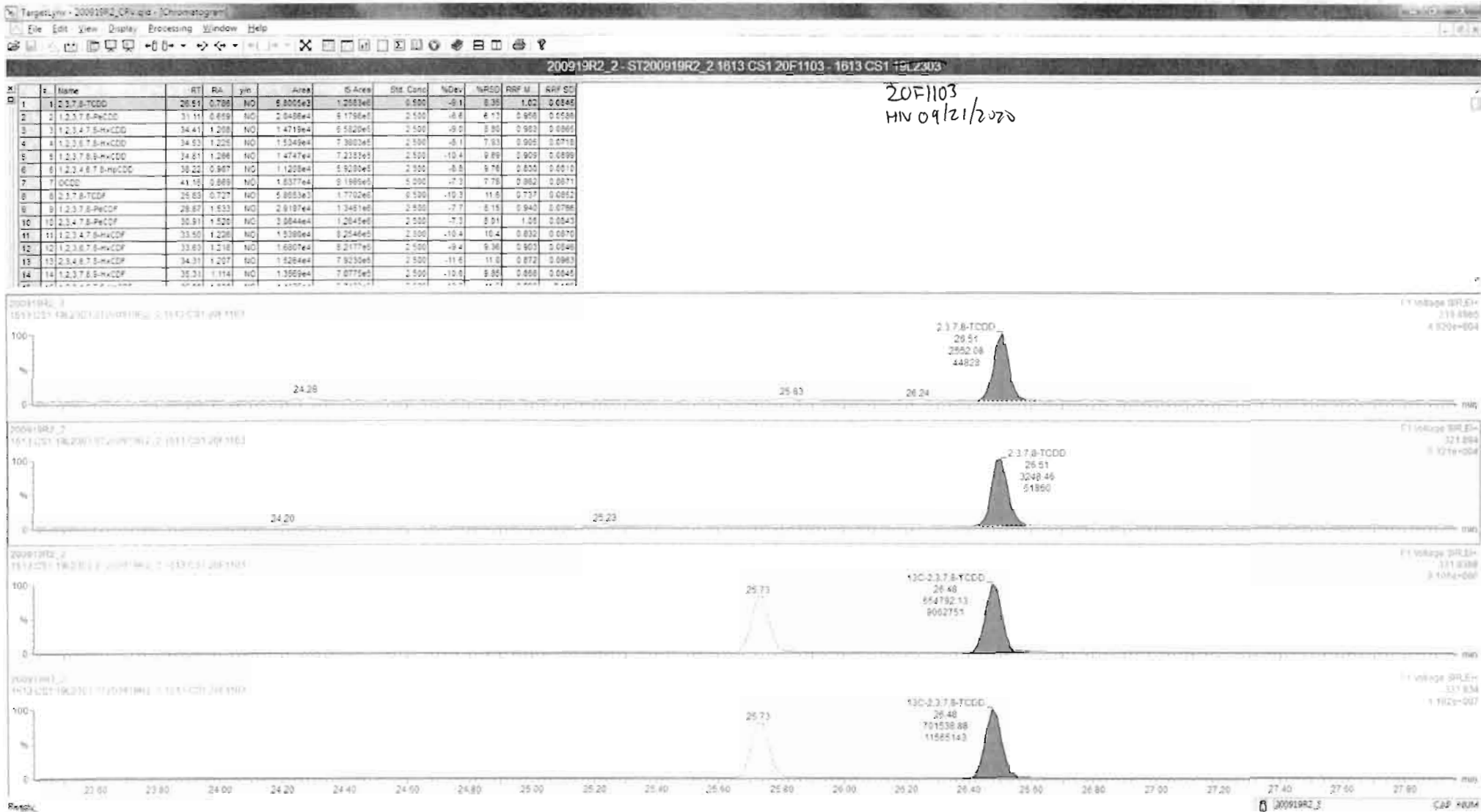
13C-2,3,7,8-TCDD

200919R2_2



200919R2_2





Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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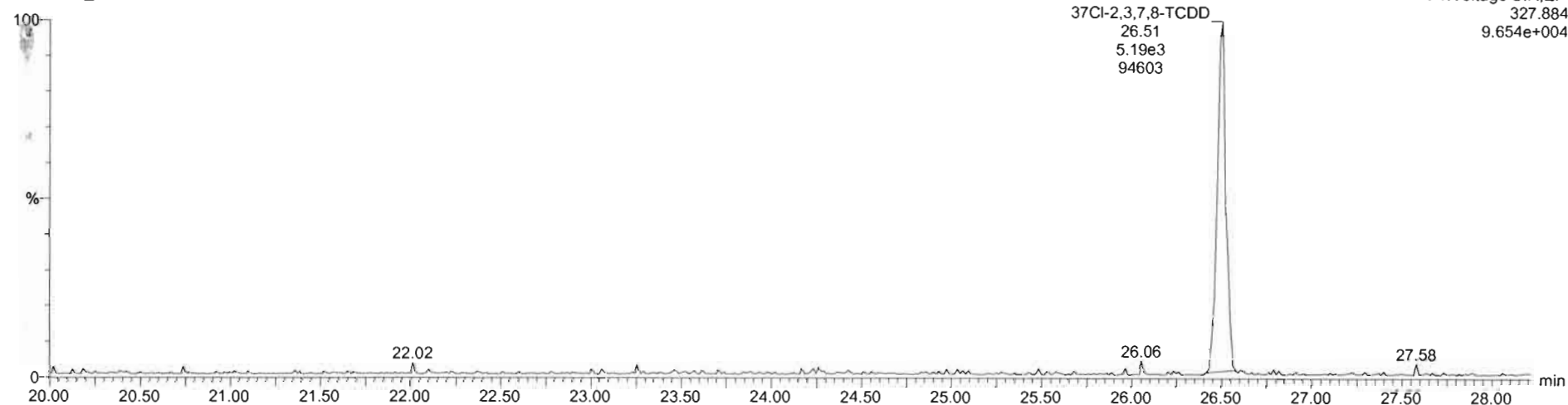
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20F1103
19L2303
HN 09/21/2020

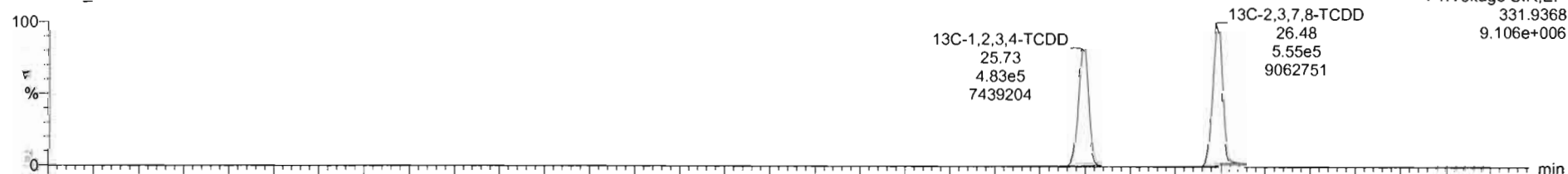
37Cl-2,3,7,8-TCDD

200919R2_2

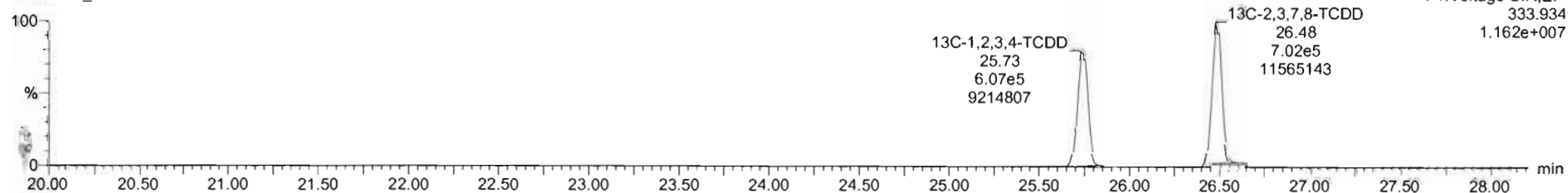


13C-1,2,3,4-TCDD

200919R2_2



200919R2_2



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

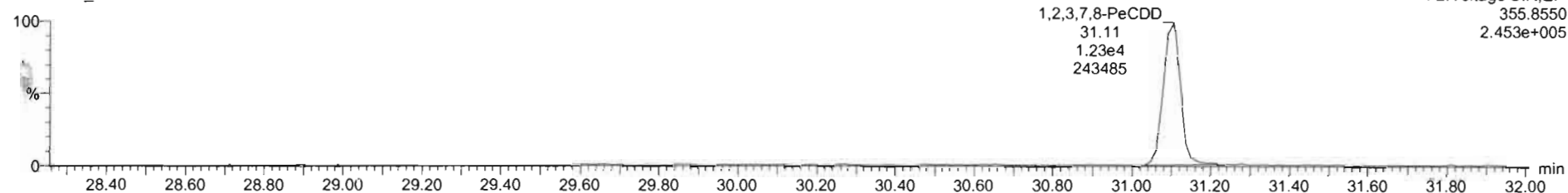
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20F1103
HN 09/21/2020

1,2,3,7,8-PeCDD

200919R2_2

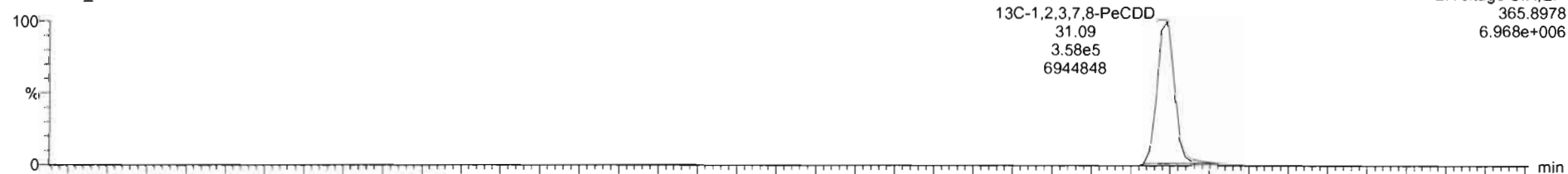


200919R2_2

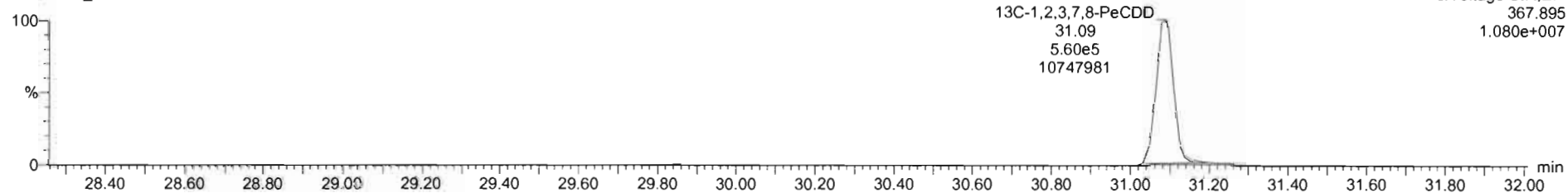


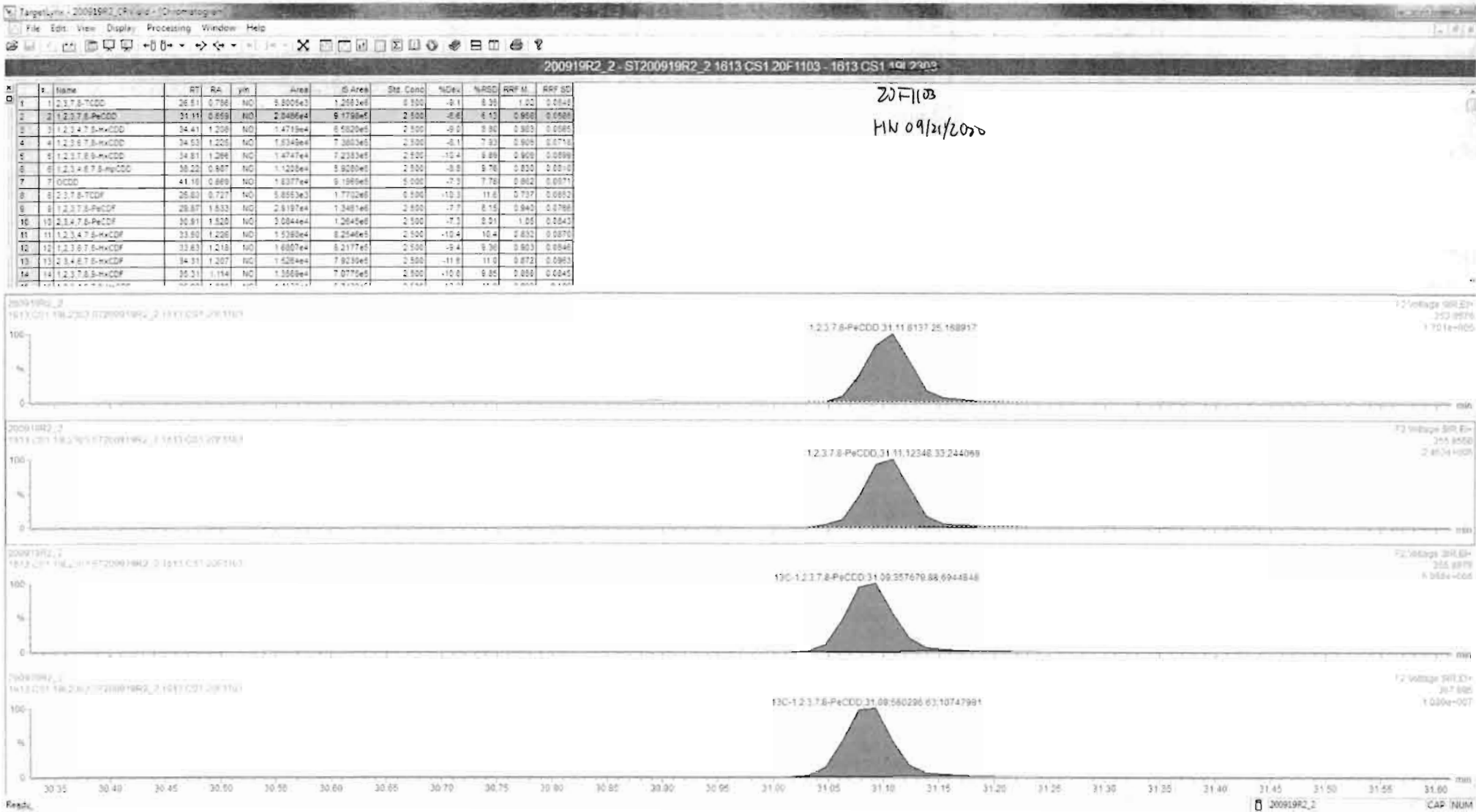
13C-1,2,3,7,8-PeCDD

200919R2_2



200919R2_2





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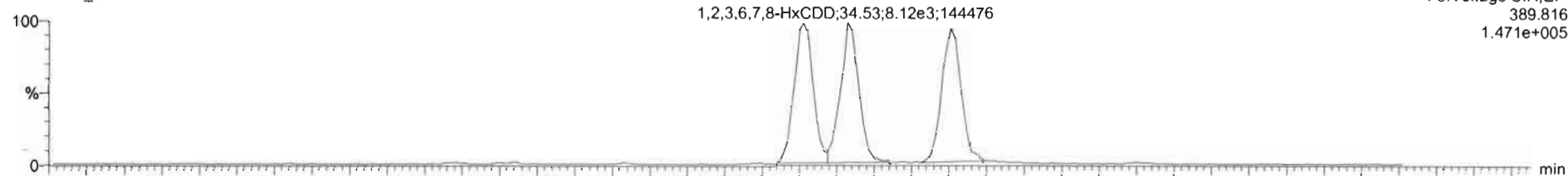
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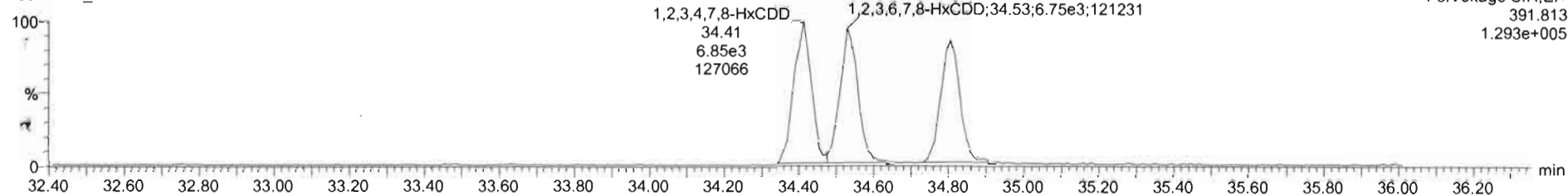
20F1103
AN 09/21/2020

1,2,3,4,7,8-HxCDD

200919R2_2

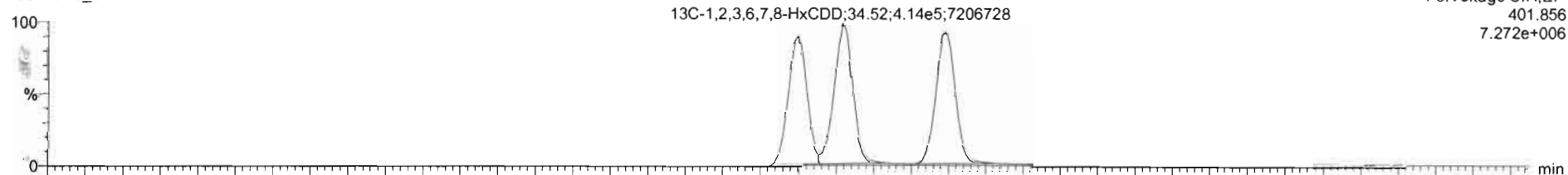


200919R2_2

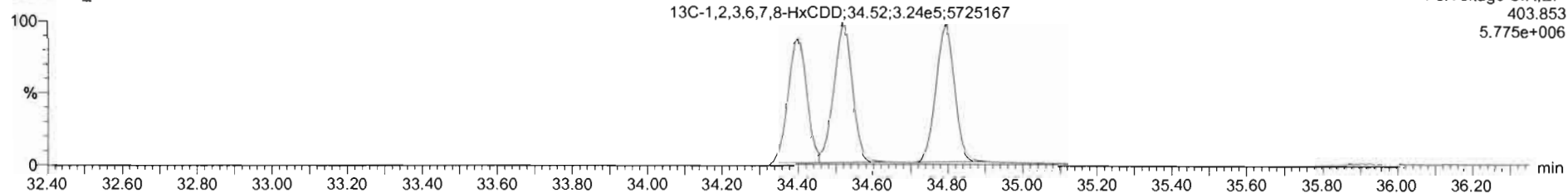


13C-1,2,3,4,7,8-HxCDD

200919R2_2

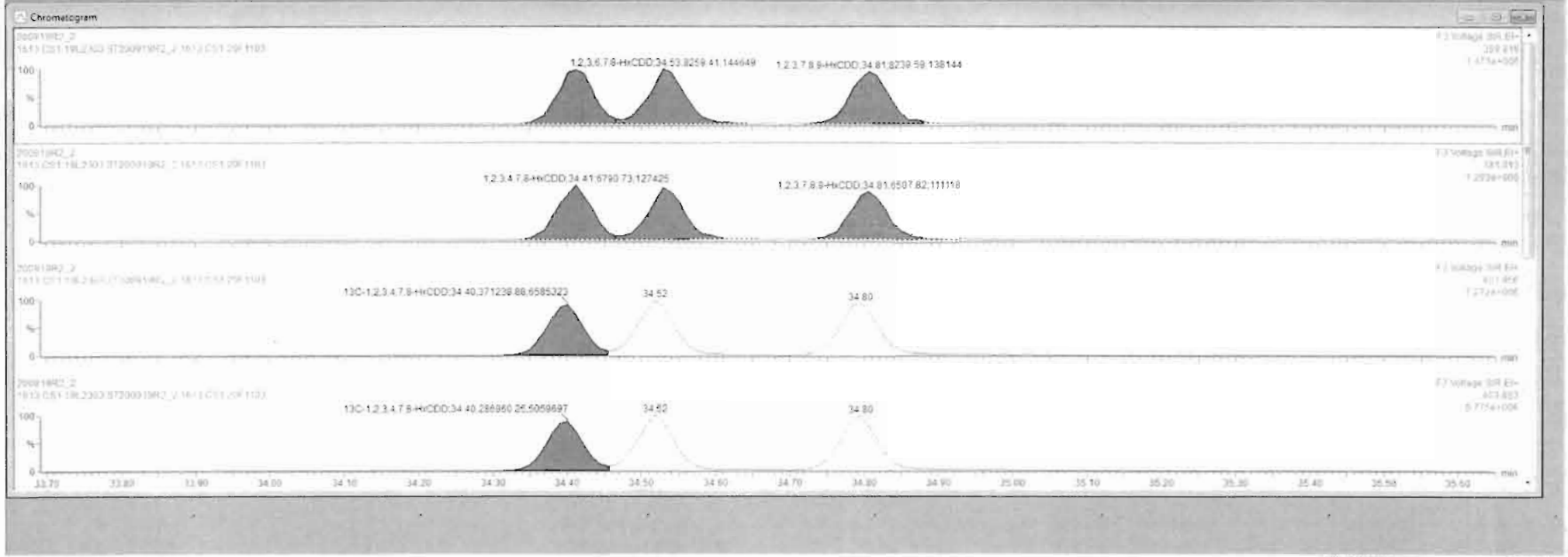


200919R2_2



#	Name	RT	RA	Yin	Area	IS Area	Std. Conc.	%Dev.	%RSD	RRF II	RRF SD
41	Total Hexa-Dioxins				0.0000e0	2.500		8.00	0.888		0.0718
42	Total Hepta-Dioxins				5.9200e4	2.500		9.98	0.852		0.0620
43	Total Tetra-Furans				1.7700e0	0.500		11.3	0.730		0.0032
44	1st Func. Penta-Furans				0.0000e0	2.500		0.28	0.939		0.0758
45	Total Penta-Furans				0.0000e0	2.500		0.96	0.939		0.0758
46	Total Hexa-Furans				0.0000e0	2.500		10.0	0.870		0.0930
47	Total Hepta-Furans				0.0000e0	2.500		11.6	0.891		0.103
48	PFK1					1.000					
49	PFK2					1.000					
50	PFK3					1.000					
51	PFKA					1.000					
52	PFKB					1.000					
53	PFK1					1.000					

20 F1103
HN 09/21/2020



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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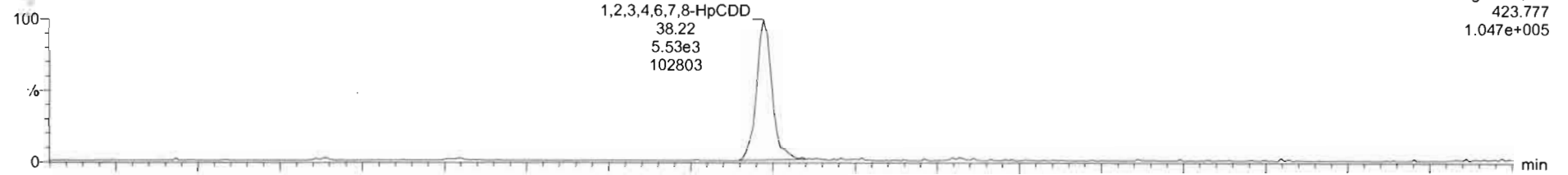
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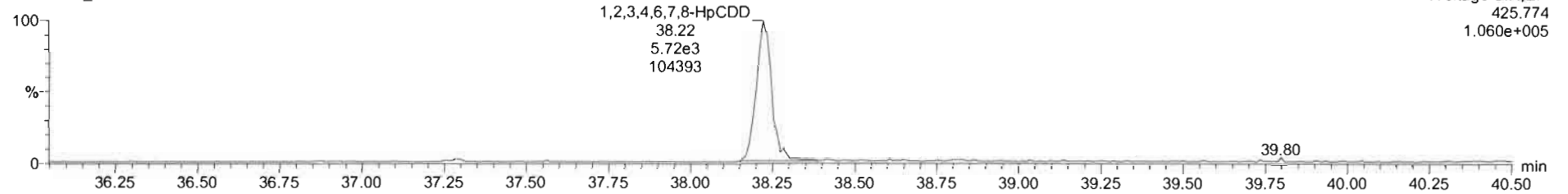
20F1103
FIN 09/21/2020

1,2,3,4,6,7,8-HpCDD

200919R2_2

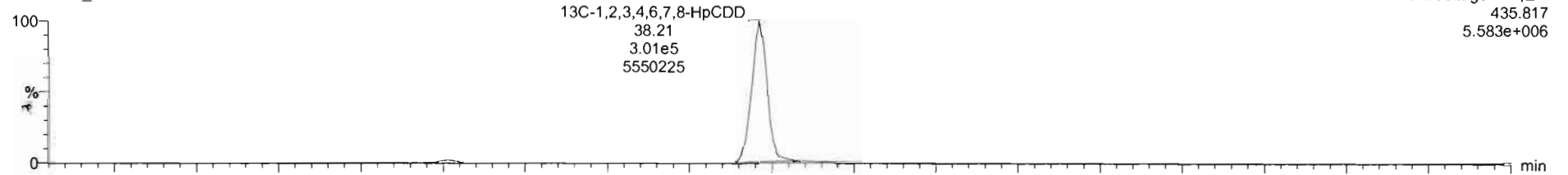


200919R2_2

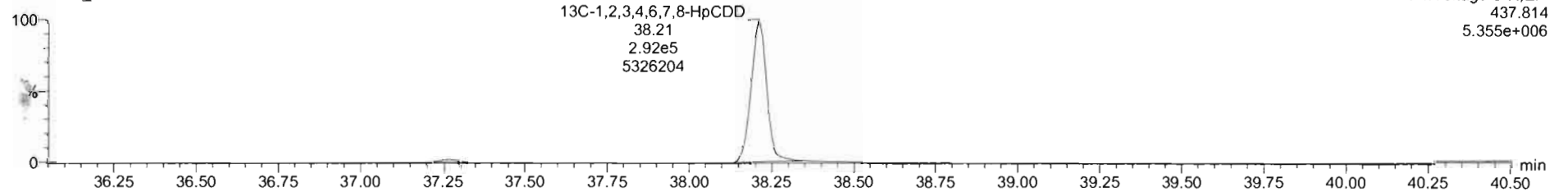


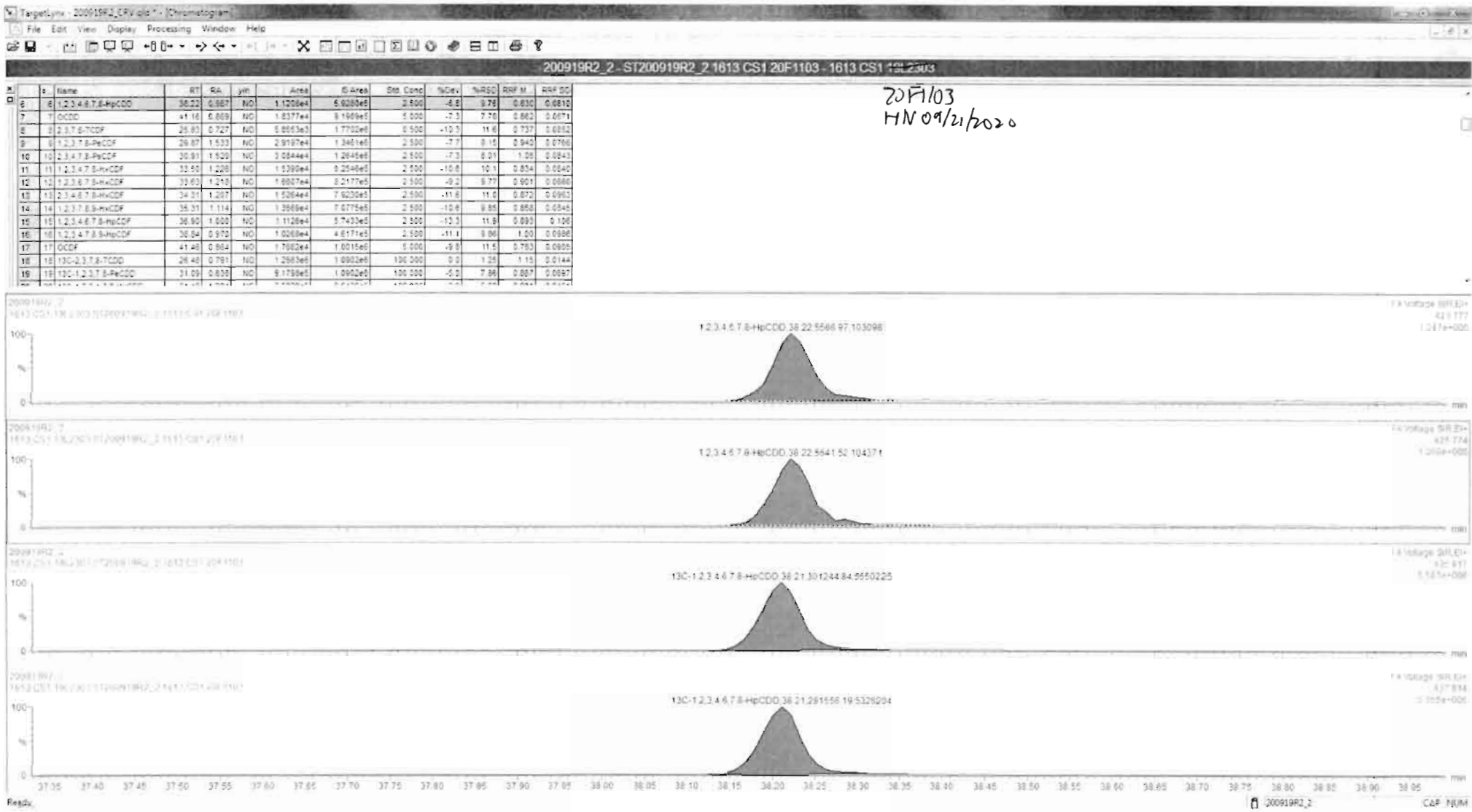
13C-1,2,3,4,6,7,8-HpCDD

200919R2_2



200919R2_2





Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_2, Date: 19-Sep-2020, Time: 14:26:28, ID: ST200919R2_2 1613 CS1 20F1103, Description: 1613 CS1 ~~16L2303~~

20F1103
FIN 09/21/2020

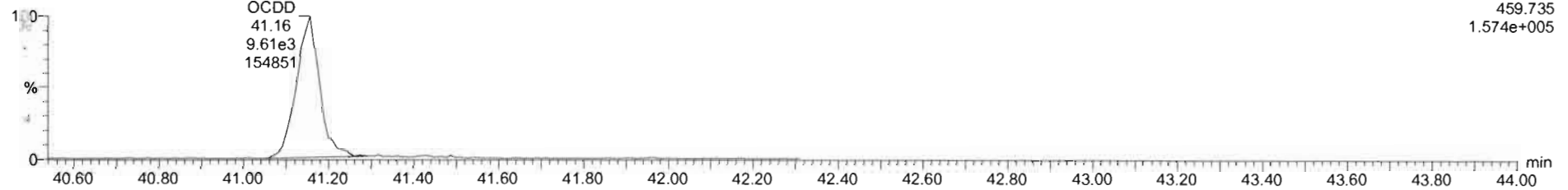
OCDD

200919R2_2



F5:Voltage SIR,EI+
457.738
1.299e+005

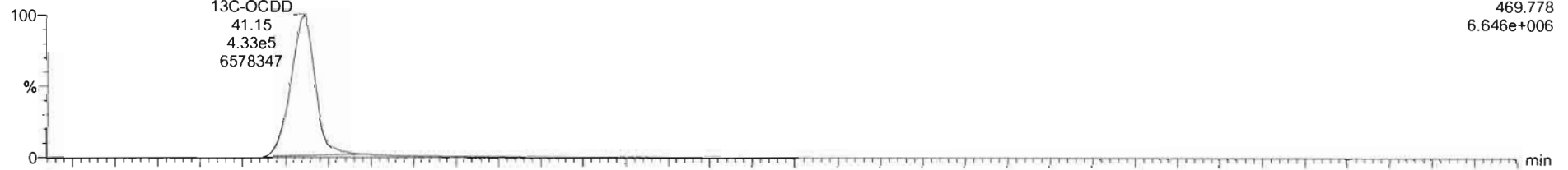
200919R2_2



F5:Voltage SIR,EI+
459.735
1.574e+005

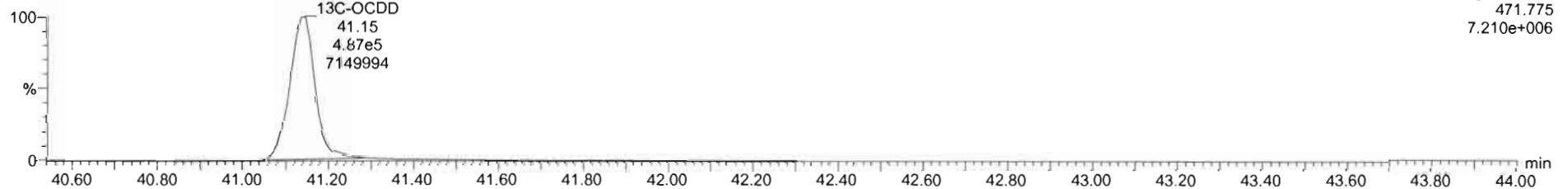
13C-OCDD

200919R2_2

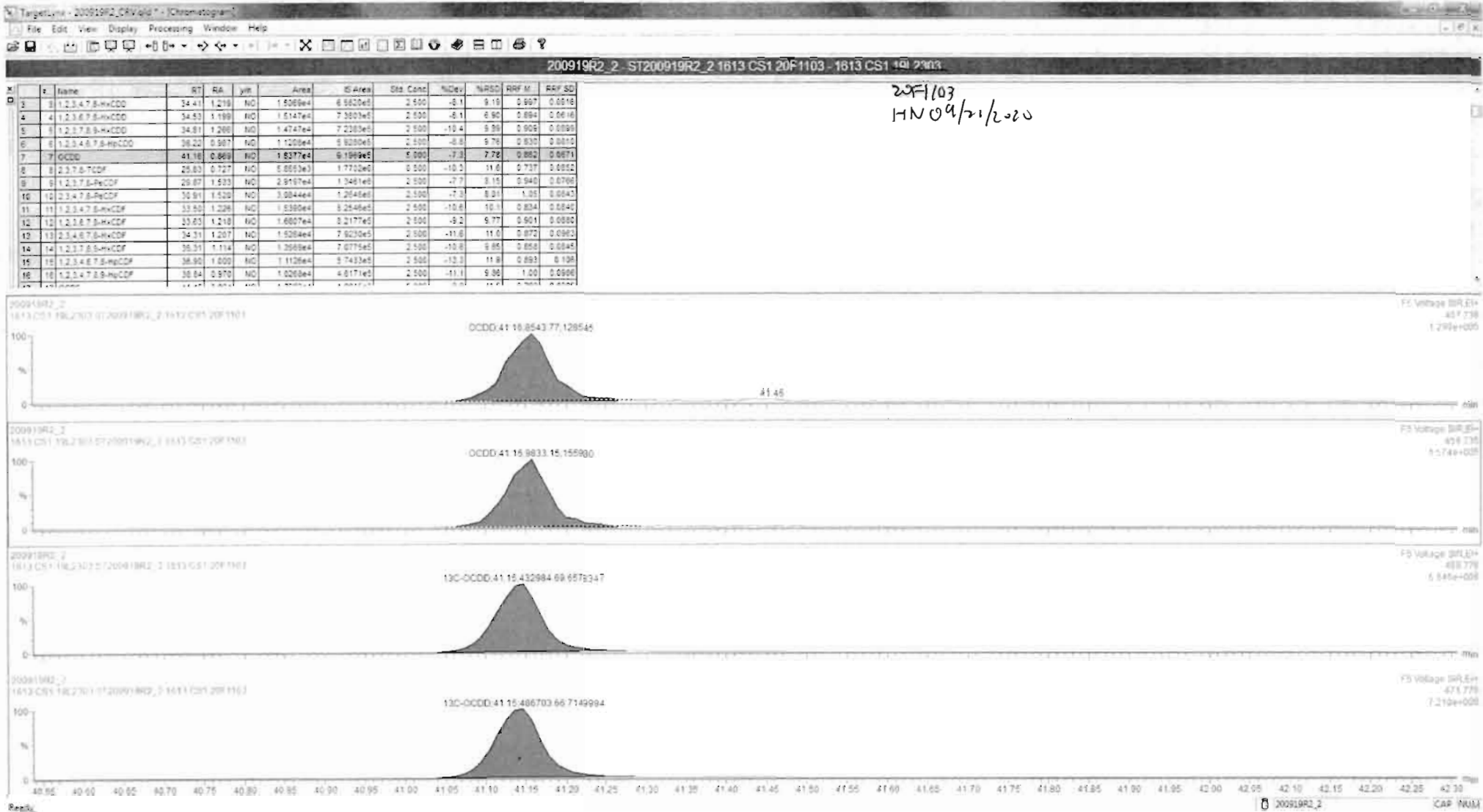


F5:Voltage SIR,EI+
469.778
6.646e+006

200919R2_2



F5:Voltage SIR,EI+
471.775
7.210e+006



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
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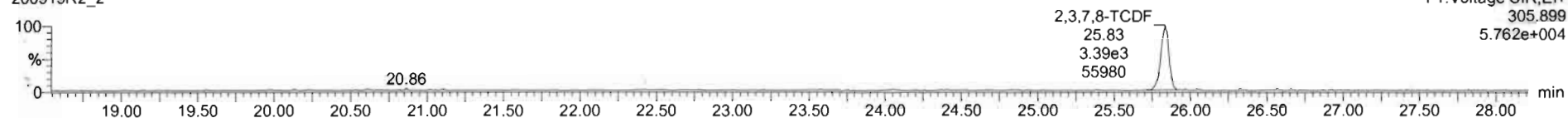
20F1103
HN 09/21/2020

2,3,7,8-TCDF

200919R2_2

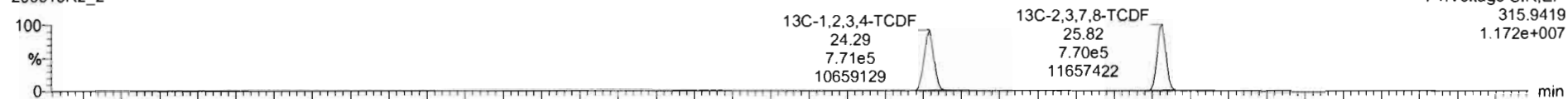


200919R2_2

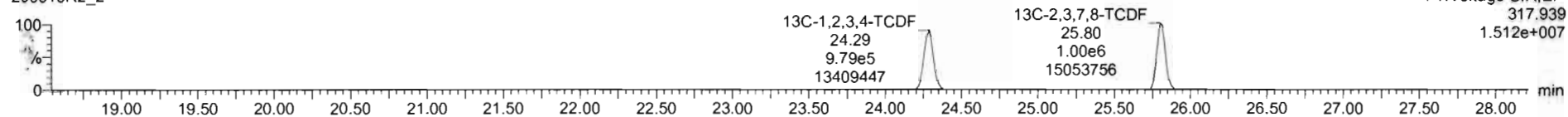


13C-2,3,7,8-TCDF

200919R2_2

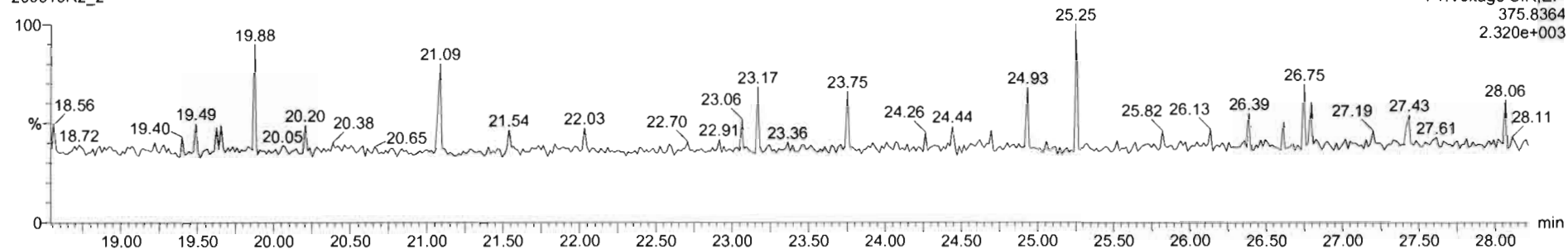


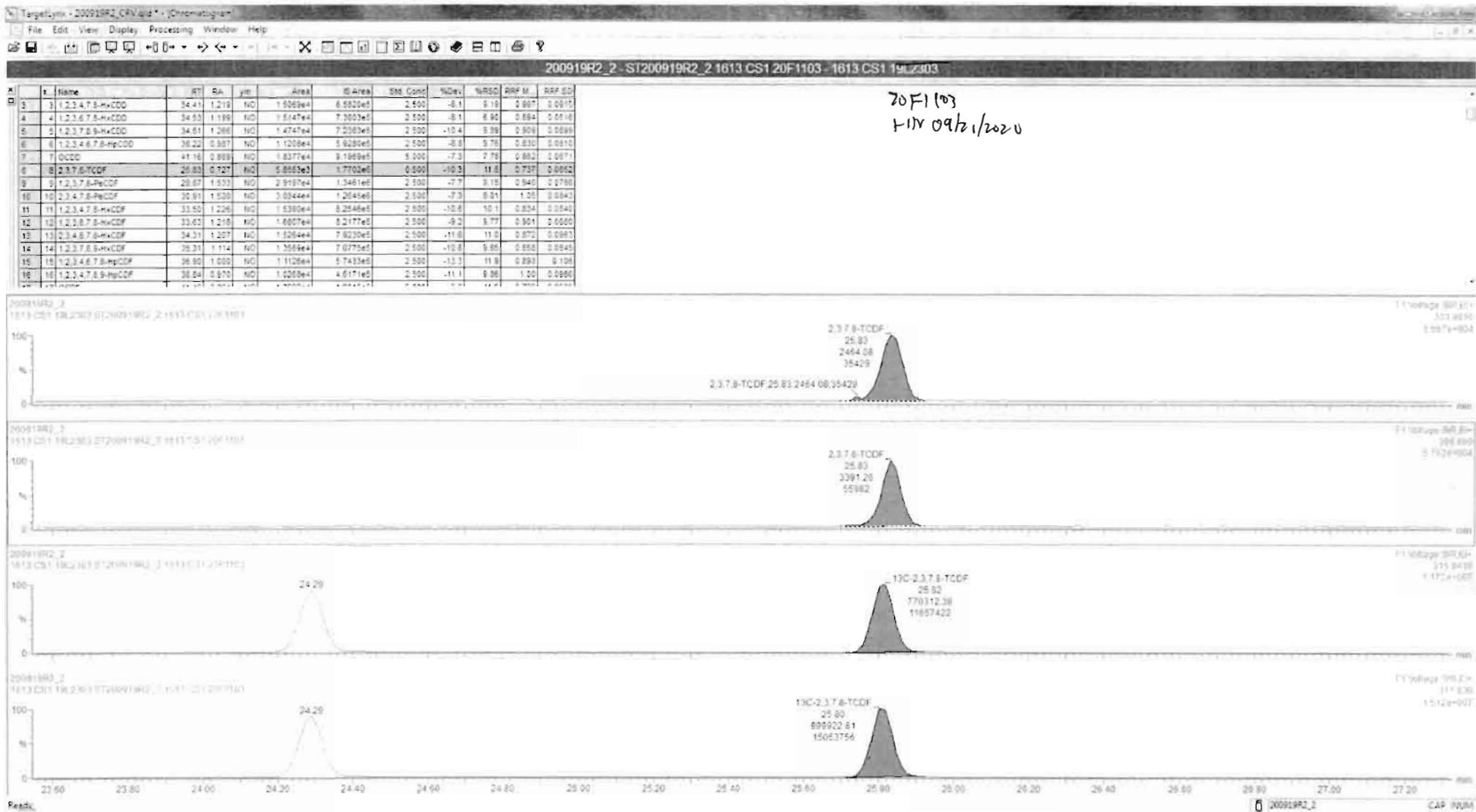
200919R2_2



DPE1

200919R2_2





Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

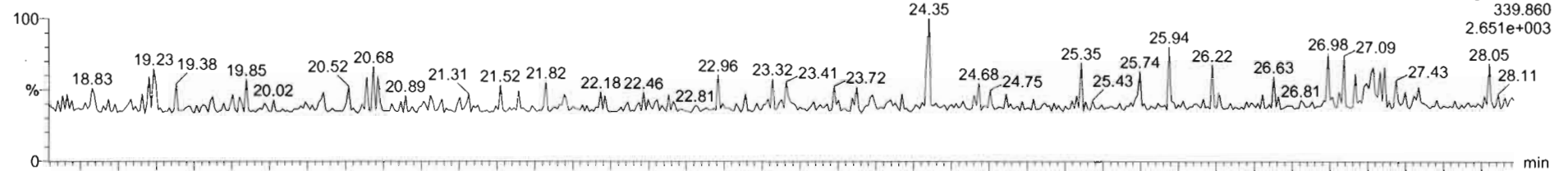
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_2, Date: 19-Sep-2020, Time: 14:26:28, ID: ST200919R2_2 1613 CS1 20F1103, Description: 1613 CS1

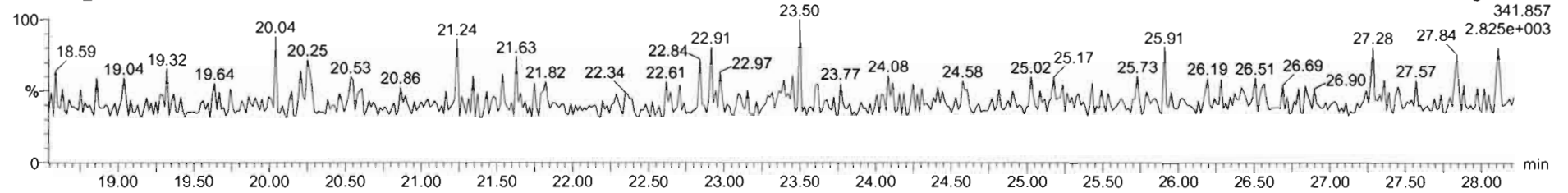
20F1103
HN 09/21/2020

1st Func. Penta-Furans

200919R2_2

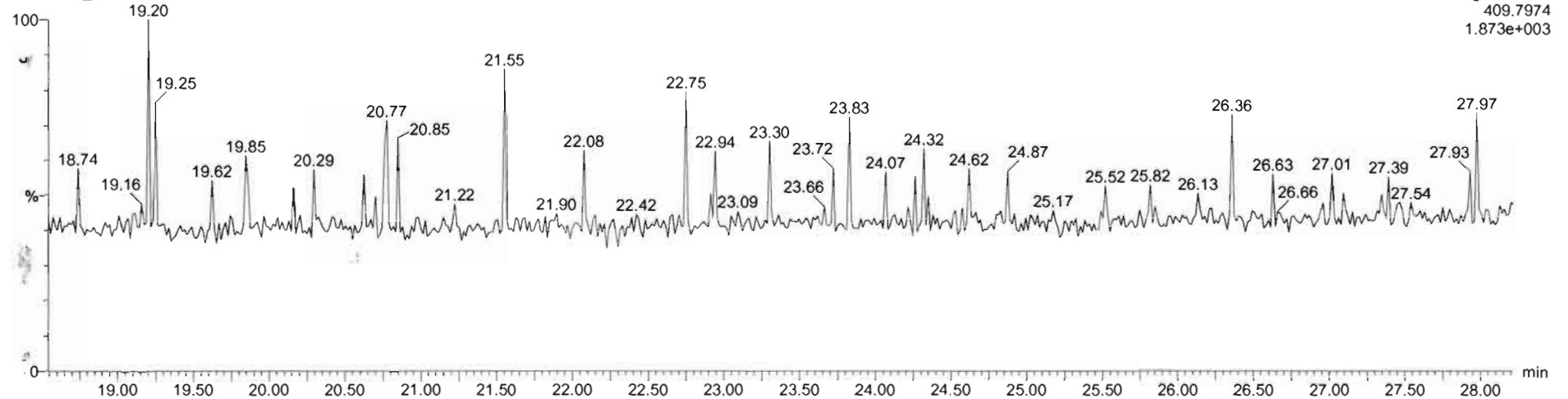


200919R2_2



DPE6

200919R2_2



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

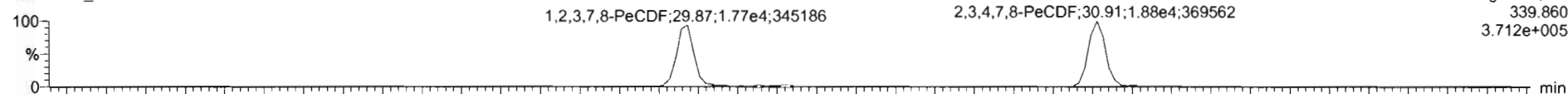
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_2, Date: 19-Sep-2020, Time: 14:26:28, ID: ST200919R2_2 1613 CS1 20F1103, Description: 1613 CS1 19L2303

20F1103
HW 09/21/2020

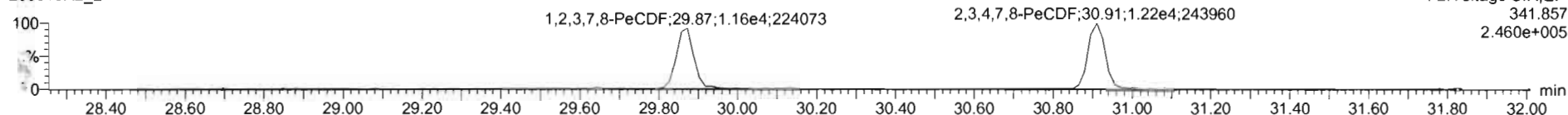
1,2,3,7,8-PeCDF

200919R2_2



F2: Voltage SIR, EI+
339.860
3.712e+005

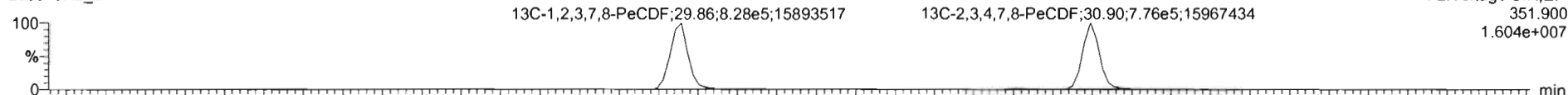
200919R2_2



F2: Voltage SIR, EI+
341.857
2.460e+005

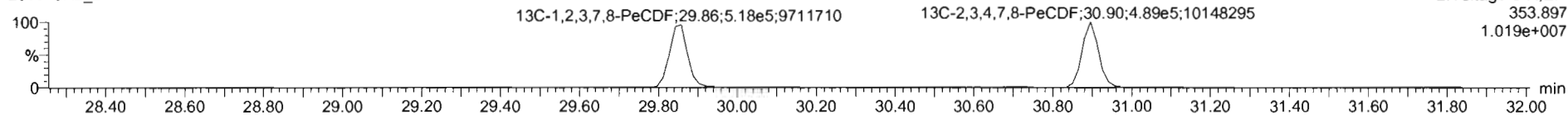
13C-1,2,3,7,8-PeCDF

200919R2_2



F2: Voltage SIR, EI+
351.900
1.604e+007

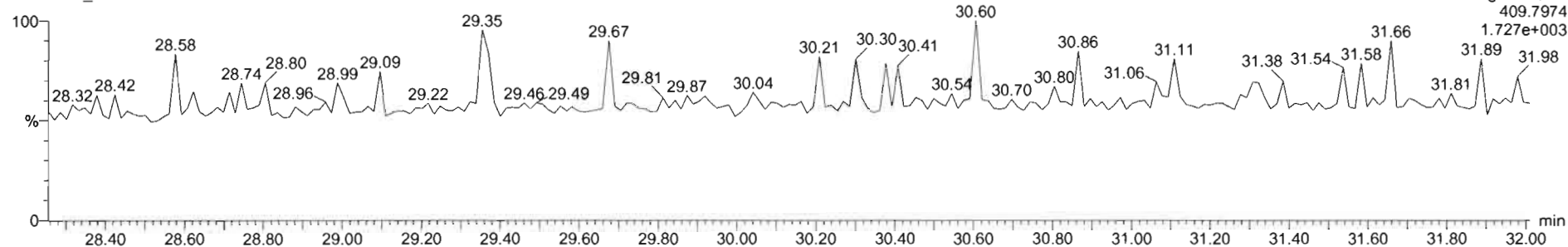
200919R2_2



F2: Voltage SIR, EI+
353.897
1.019e+007

DPE2

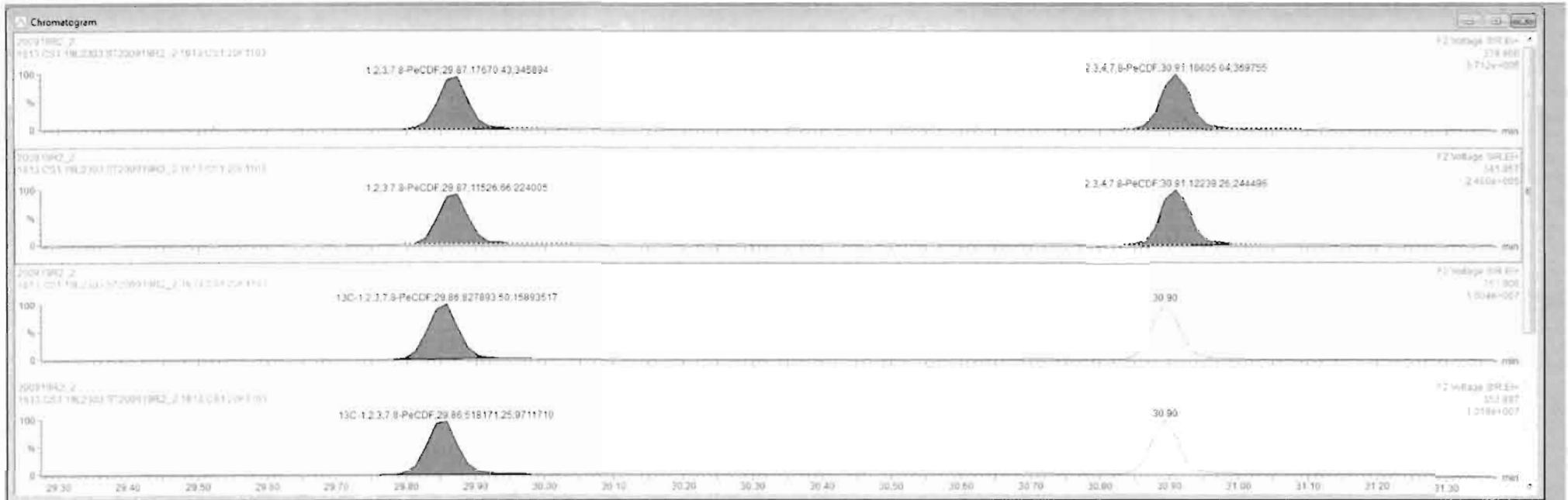
200919R2_2



F2: Voltage SIR, EI+
409.7974
1.727e+003

#	Name	RT	RA	Yin	Area	ID Area	Std Conc	%Dev	%RSD	RRP M	RRP SD
41	Total Hexa-Dioxins				0.0000e0	2.500	0.00	0.888	0.0710		
42	Total Hepta-Dioxins				5.9280e0	2.500	9.99	0.610	0.0020		
43	Total Tetra-Furans				1.7702e8	0.500	11.0	0.730	0.0010		
44	1st Func. Penta-Furans				0.0000e0	2.500	0.38	0.539	0.0750		
45	Total Penta-Furans				0.0000e0	2.500	0.00	0.909	0.0756		
46	Total Hexa-Furans				0.0000e0	2.500	10.8	0.870	0.0838		
47	Total Hepta-Furans				0.0000e0	2.500	11.8	0.891	0.103		
48	PFK1				1.000						
49	PFK2				1.000						
50	PFK3				1.000						
51	PFK4				1.000						
52	PFK5				1.000						
53	PFK6				1.000						

20F1103
HM09/21/2020



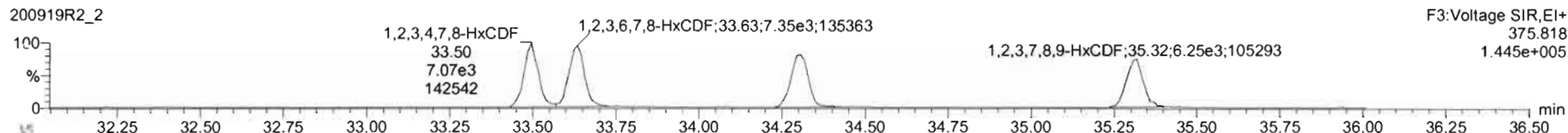
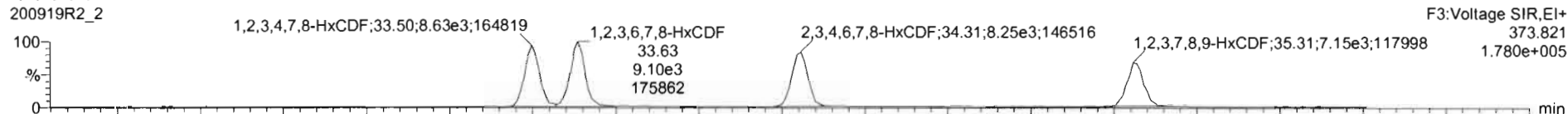
Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

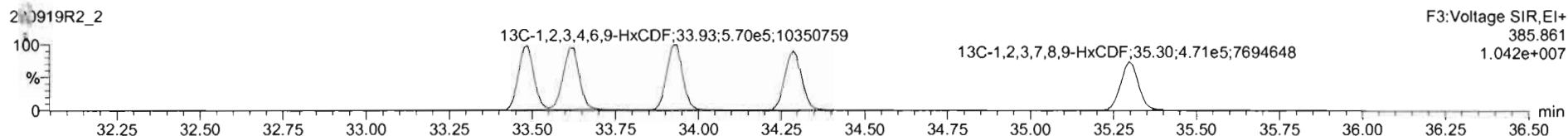
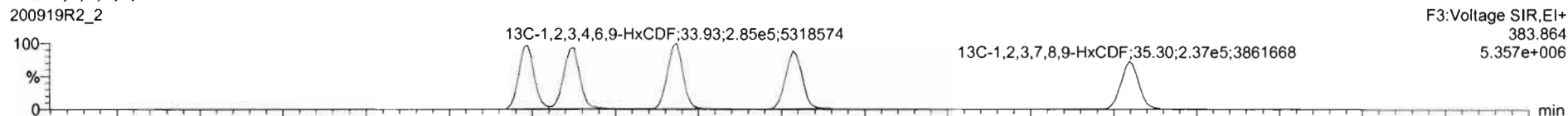
Name: 200919R2_2, Date: 19-Sep-2020, Time: 14:26:28, ID: ST200919R2_2 1613 CS1 20F1103, Description: 1613 CS1 19L2303

20F1103
17N09/21/2020

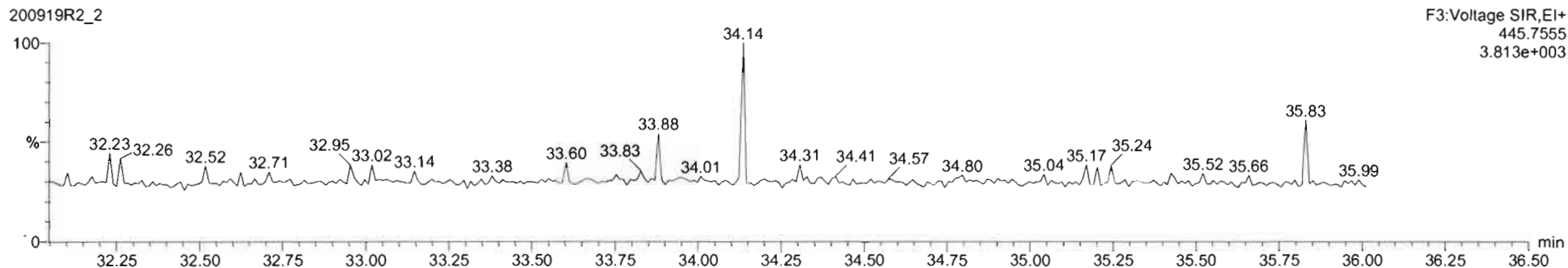
1,2,3,4,7,8-HxCDF



13C-1,2,3,4,7,8-HxCDF

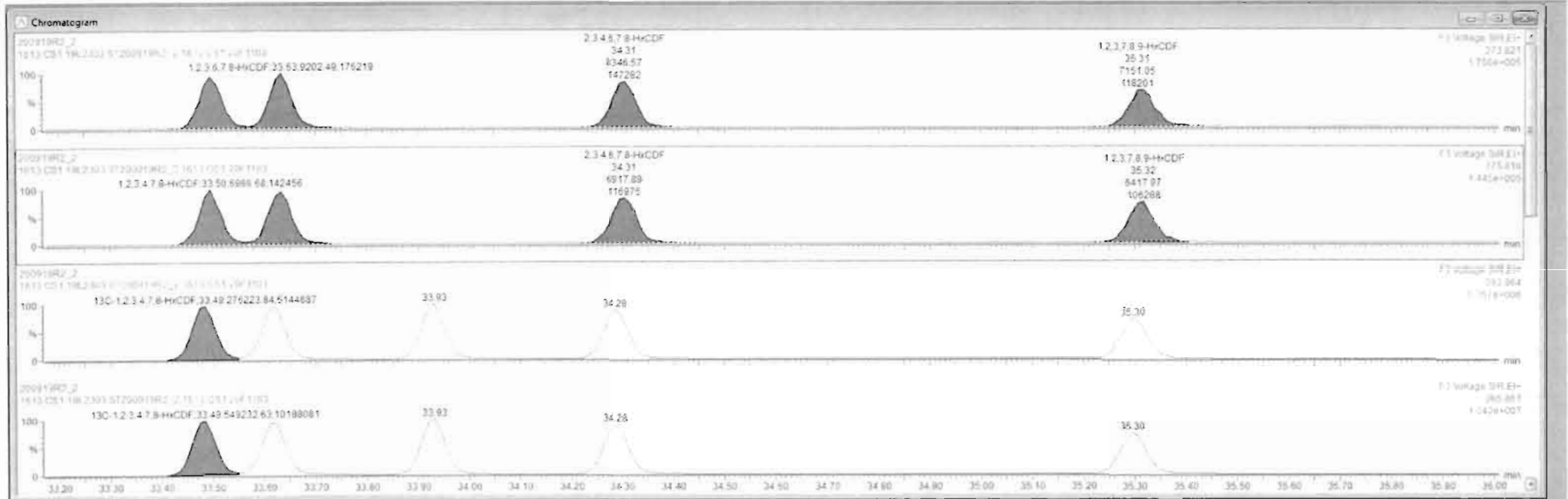


DPE3



#	Name	RT	RA	Yn	Area	IS Area	Std. Conc	%Dev	%RSD	RPF M	RPF SD
41	Total Hexa-Dioxins				0.0000e0	2.500		0.00	0.880	0.0716	
42	Total Hepta-Dioxins				5.9289e0	2.500		5.98	0.652	0.0826	
43	Total Tetra-Furans				1.7702e0	0.500		11.3	0.736	0.0832	
44	1st Func. Penta-Furans				0.0000e0	2.500		0.00	0.939	0.0756	
45	Total Penta-Furans				0.0000e0	2.500		0.00	0.920	0.0756	
46	Total Hexa-Furans				0.0000e0	2.500		10.8	0.870	0.0896	
47	Total Hepta-Furans				0.0000e0	2.500		11.6	0.951	0.103	
48	PFK1					1.000					
49	PFK2					1.000					
50	PFK3					1.000					
51	PFK4					1.000					
52	PFK5					1.000					
53	KN1/PP1					1.000					

20F1103
HW 09/21/2020



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

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Name: 200919R2_2, Date: 19-Sep-2020, Time: 14:26:28, ID: ST200919R2_2 1613 CS1 20F1103, Description: 1613 CS1 19L2303

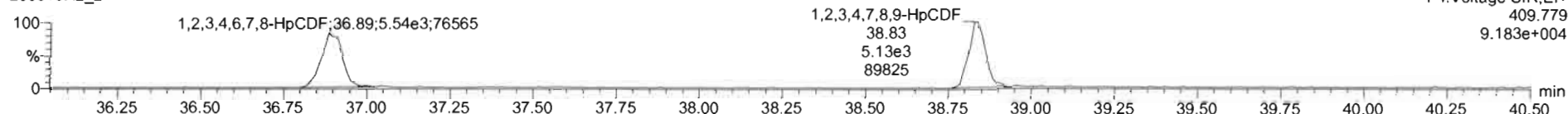
20F1103
19/09/2020

1,2,3,4,6,7,8-HpCDF

200919R2_2

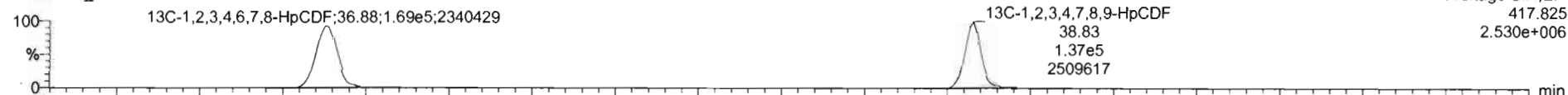


200919R2_2

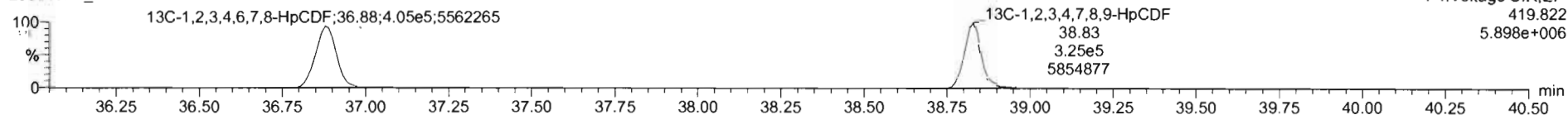


13C-1,2,3,4,6,7,8-HpCDF

200919R2_2

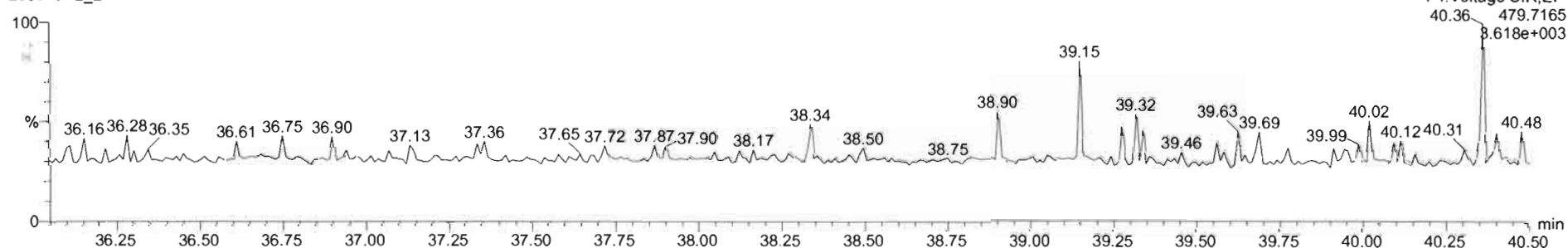


200919R2_2



DPE4

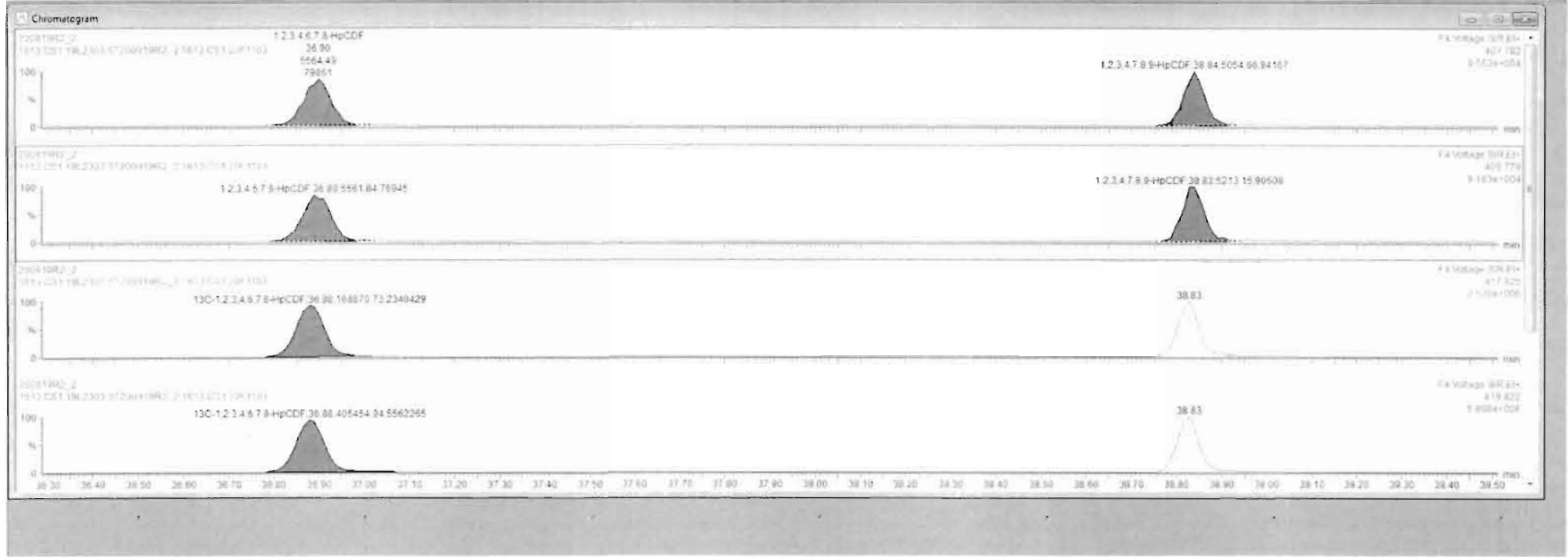
200919R2_2



200919R2_2 - ST200919R2_2 1613 CS1 20F1103 - 1613 CS1

20F1103
 HN 09/21/2022

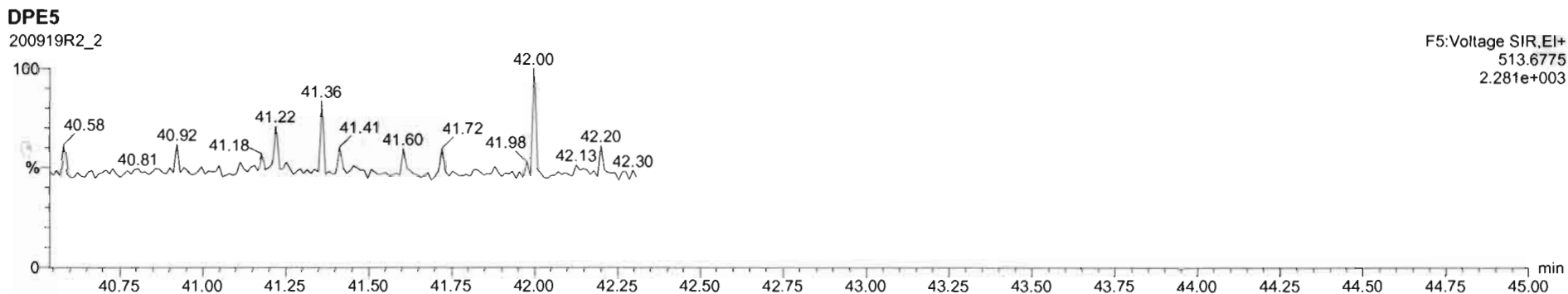
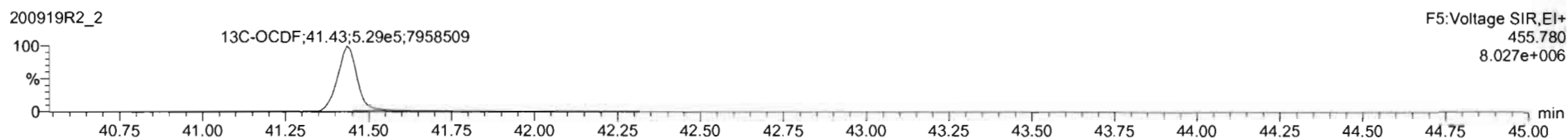
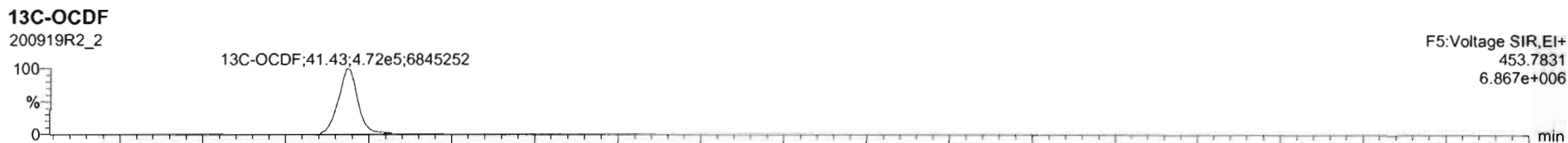
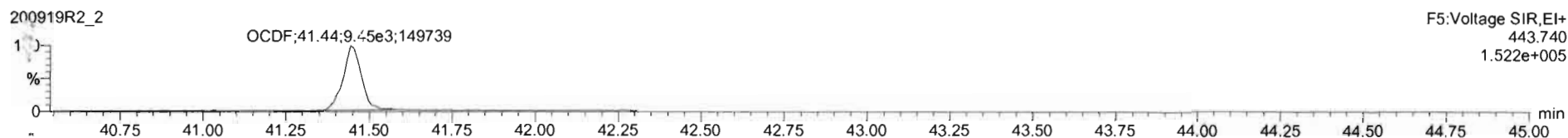
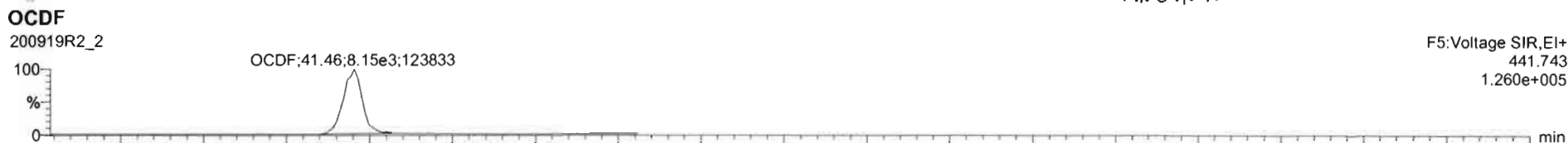
ID	Name	RT	RA	yrs	Area	IS Area	Std. Conc.	%Dev.	%RSD	RRF M.	RRF SD
41	Total Hexa-Dioxins				0.0000e0	2.500		0.00	0.000	0.0712	
42	Total Hepta-Dioxins				1.9200e0	2.500		9.99	0.000	0.0000	
43	Total Tetra-Furans				1.7700e0	0.500		11.3	0.700	0.0000	
44	1st Func. Penta-Furans				0.0000e0	2.500		0.00	0.000	0.0756	
45	Total Penta-Furans				0.0000e0	2.500		0.00	0.000	0.0756	
46	Total Hexa-Furans				0.0000e0	2.500		10.8	0.070	0.0930	
47	Total Hepta-Furans				0.0000e0	2.500		11.8	0.091	0.100	
48	PFK1					1.000					
49	PFK2					1.000					
50	PFK3					1.000					
51	PFK4					1.000					
52	PFK5					1.000					
53	PFK6					1.000					



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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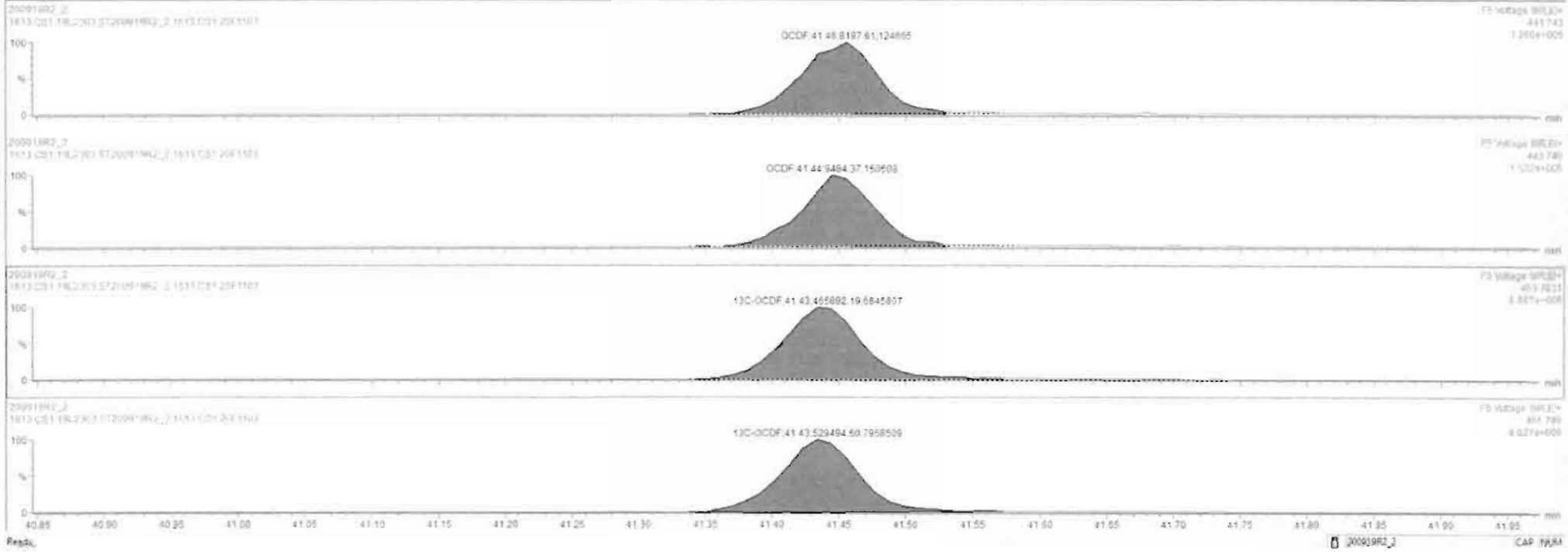
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20F1103
PIN 09/21/2020



200919R2_2 - ST200919R2_2 1613 CS1 20F1103 - 1613 CS1 19L2303

#	Name	RT	Su	Yrs	Area	IS Area	Std. Conc.	%Dev	NBSD	RPF M	RPF SD
3	1,2,3,4,7,8-HxCDD	34.41	1.218	NO	1.5089e4	6.6820e5	2.500	-8.1	9.19	0.997	0.0014
4	1,2,3,6,7,8-HxCDD	34.53	1.169	NO	1.5147e4	7.3603e5	2.500	-8.1	8.90	0.894	0.0016
5	1,2,3,7,8-HxCDD	34.81	1.260	NO	1.4747e4	7.2382e5	2.500	-10.4	9.39	0.909	0.0019
6	1,2,3,4,6,7,8-HpCDD	36.22	0.987	NO	1.1209e4	5.6209e5	2.500	-8.5	9.76	0.830	0.0010
7	OCDF	41.16	0.899	NO	1.8377e4	8.1999e5	5.000	-7.2	7.79	0.862	0.0071
8	2,3,7,8-TCDF	26.83	0.727	NO	5.8003e3	1.7702e5	0.500	-10.3	11.8	0.737	0.0032
9	1,2,3,7,8-PeCDF	26.87	1.631	NO	2.9197e4	1.3461e5	2.500	-7.7	8.10	0.940	0.0099
10	2,3,4,7,8-PeCDF	30.91	1.520	NO	3.9844e4	1.2645e5	2.500	-7.3	8.31	1.05	0.0043
11	1,2,3,4,7,8-HxCDF	33.60	1.223	NO	1.5530e4	8.2648e5	2.500	-8.9	9.88	0.839	0.0026
12	1,2,3,6,7,8-HxCDF	33.63	1.230	NO	1.6884e4	8.2177e5	2.500	-9.8	9.91	0.900	0.0032
13	2,3,4,6,7,8-HxCDF	34.31	1.007	NO	1.9264e4	7.9292e5	2.500	-11.8	11.0	0.872	0.0033
14	1,2,3,7,8,9-HxCDF	36.31	1.114	NO	1.3089e4	7.0775e5	2.500	-10.8	9.85	0.853	0.0041
15	1,2,3,4,6,7,8-HpCDF	36.90	1.000	NO	1.1129e4	5.7433e5	2.500	-13.3	16.9	0.893	0.106
16	1,2,3,4,7,8,9-HpCDF	38.84	0.970	NO	1.0209e4	4.6171e5	2.500	-11.1	9.36	1.00	0.0096

20F1103
 HM 09/21/2020



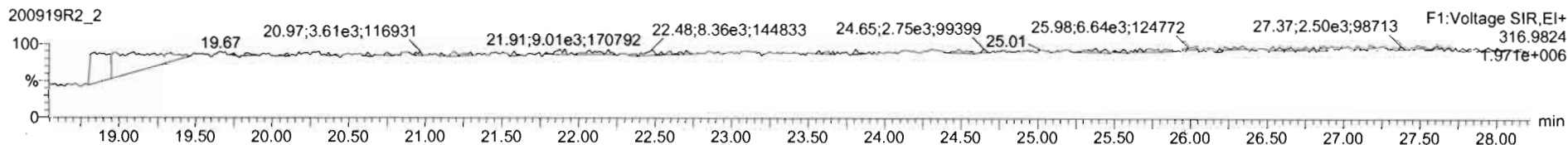
Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

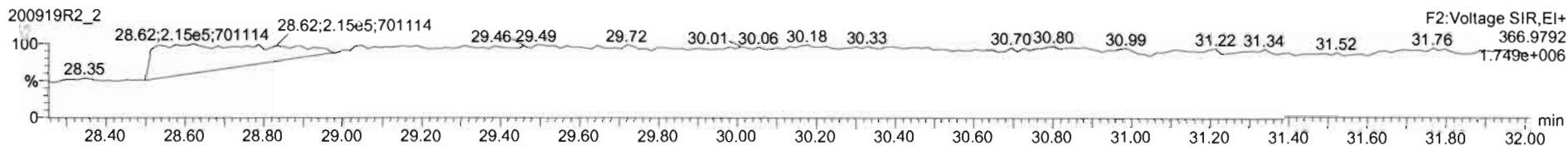
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

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20F1103
HN 09/21/2020

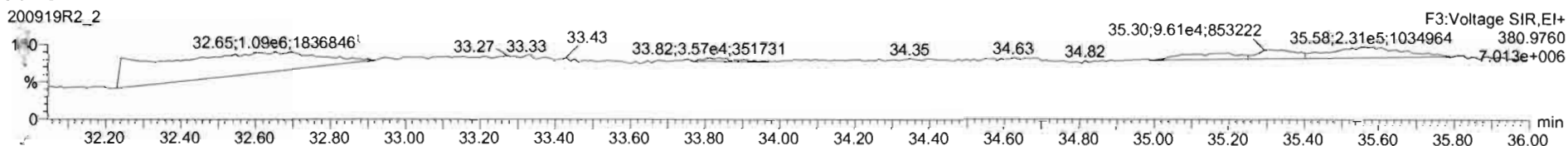
PFK1



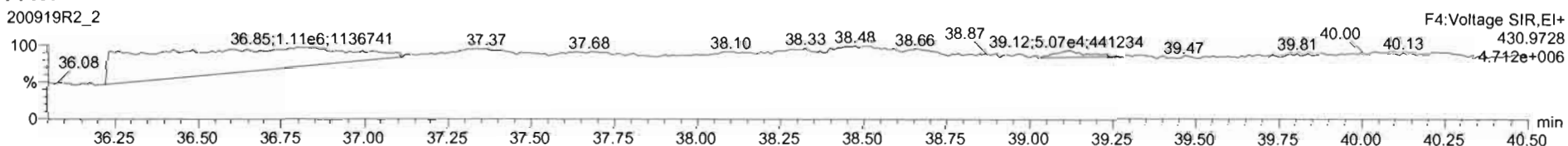
PFK2



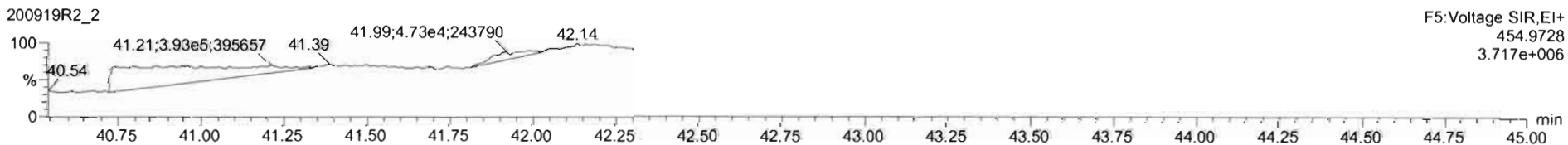
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 20F1104

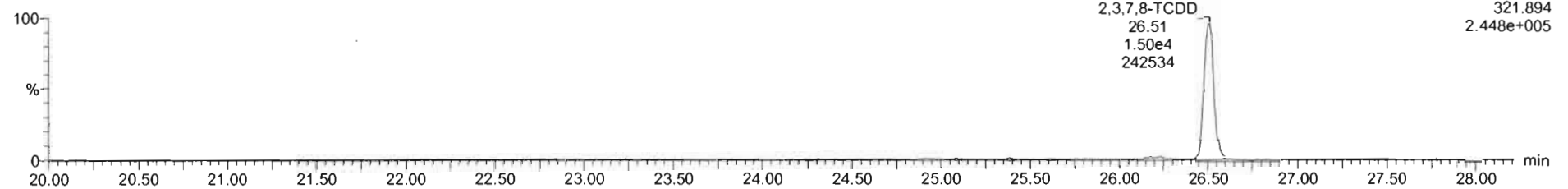
20F1104
HN 09/21/2020

2,3,7,8-TCDD

200919R2_3

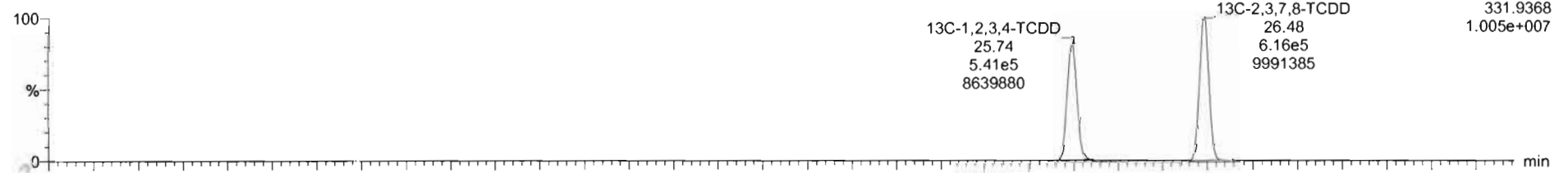


200919R2_3

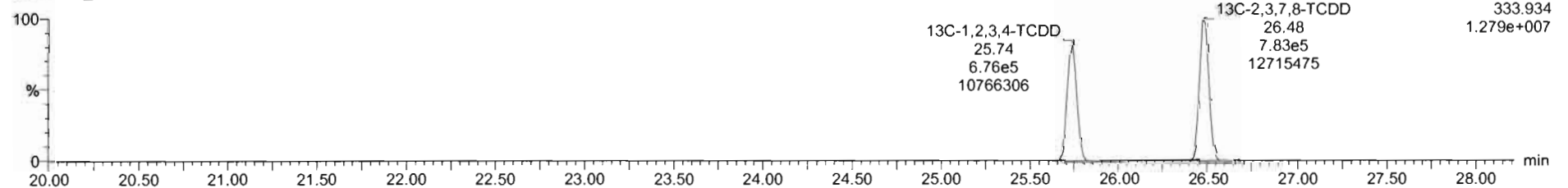


13C-2,3,7,8-TCDD

200919R2_3



200919R2_3



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

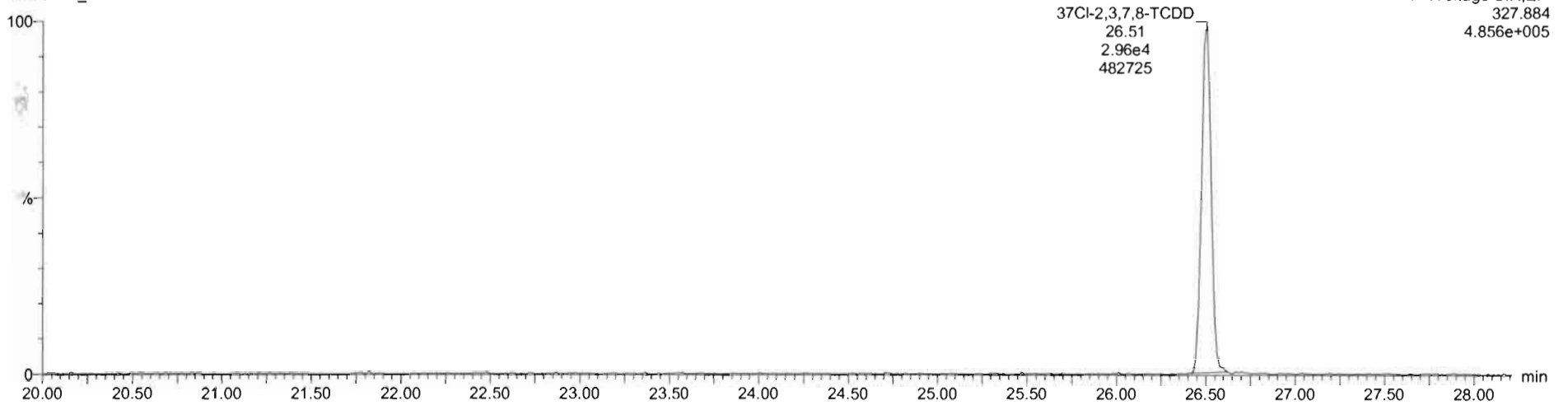
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~19L2304~~

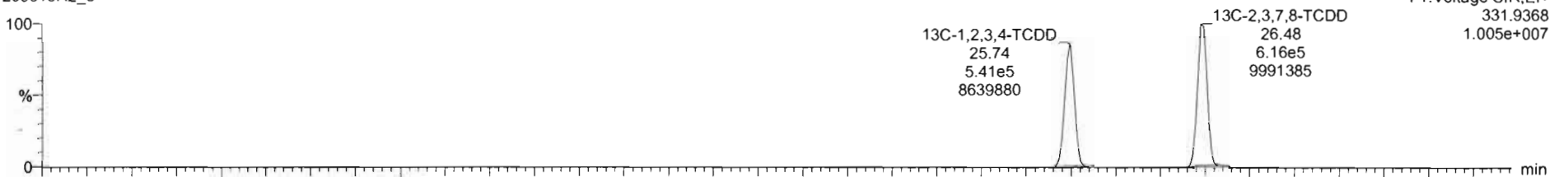
37Cl-2,3,7,8-TCDD

200919R2_3

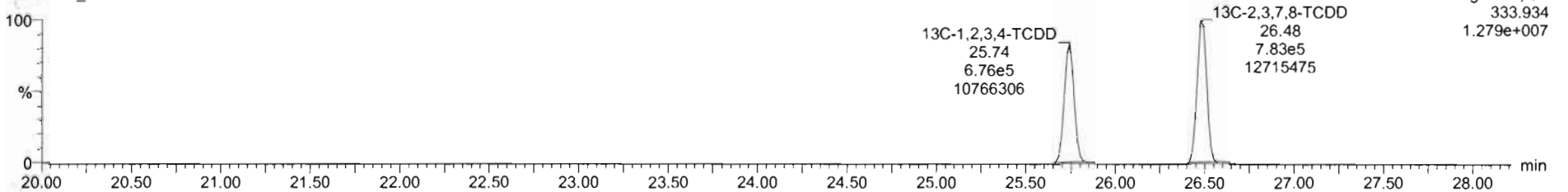


13C-1,2,3,4-TCDD

200919R2_3



200919R2_3



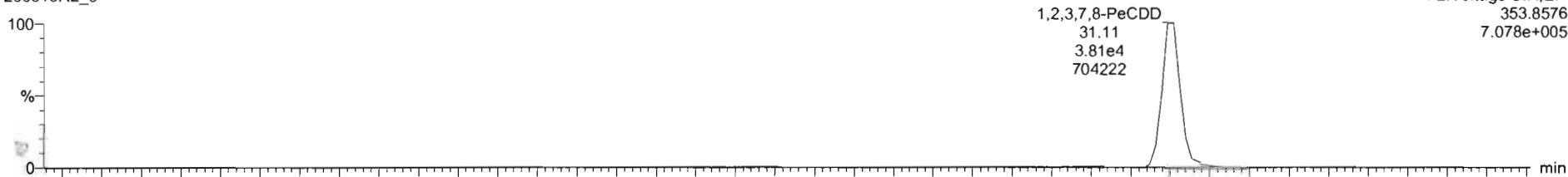
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Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

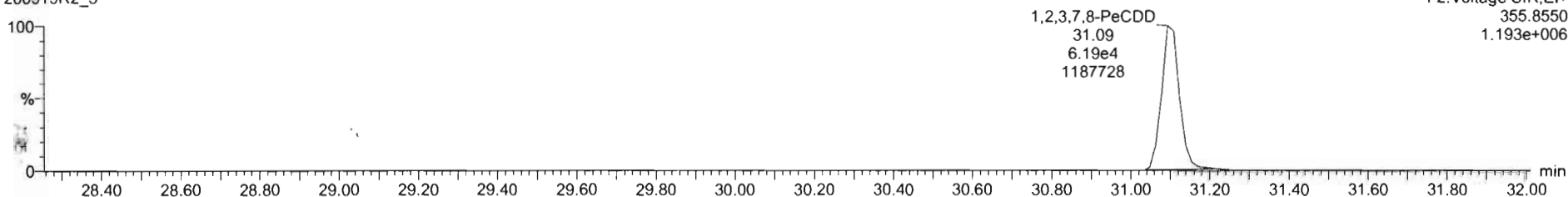
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1,2,3,7,8-PeCDD

200919R2_3

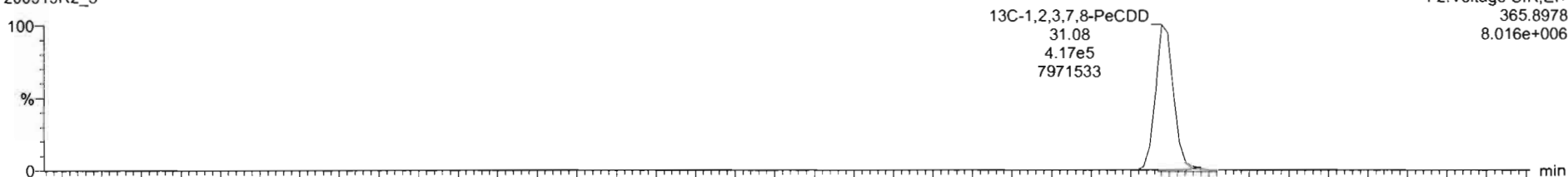


200919R2_3

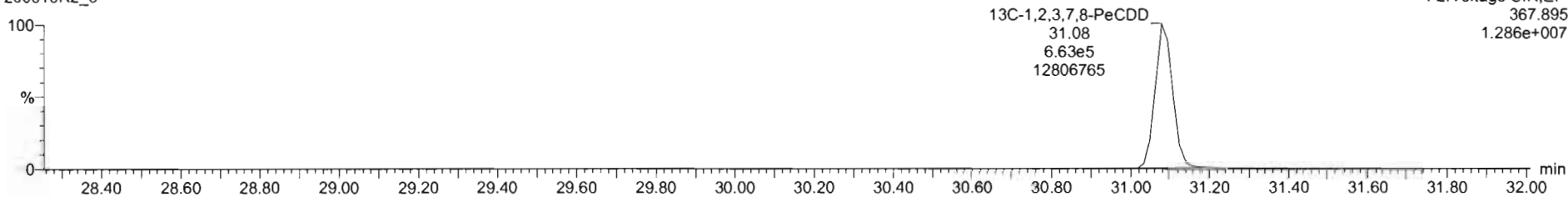


¹³C-1,2,3,7,8-PeCDD

200919R2_3



200919R2_3



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

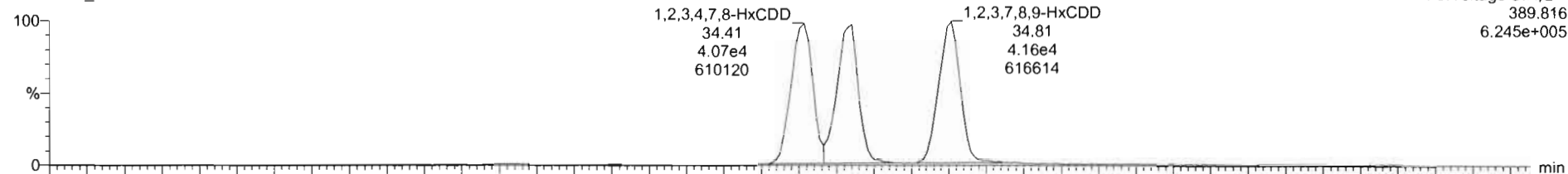
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

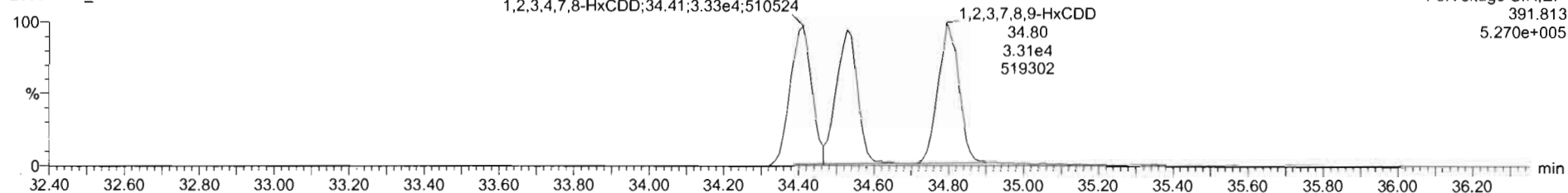
Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~49L2304~~

1,2,3,4,7,8-HxCDD

200919R2_3

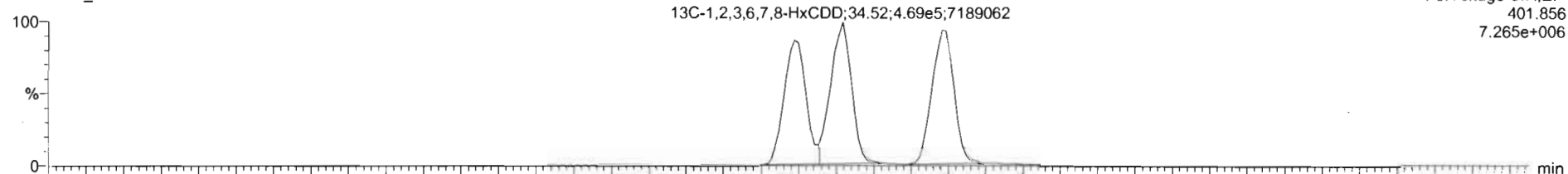


200919R2_3

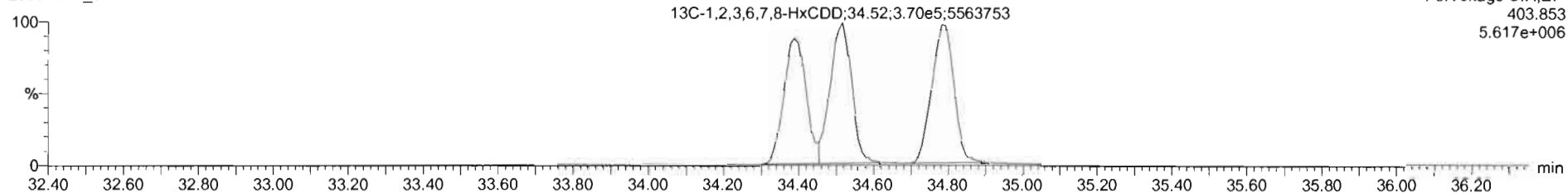


13C-1,2,3,4,7,8-HxCDD

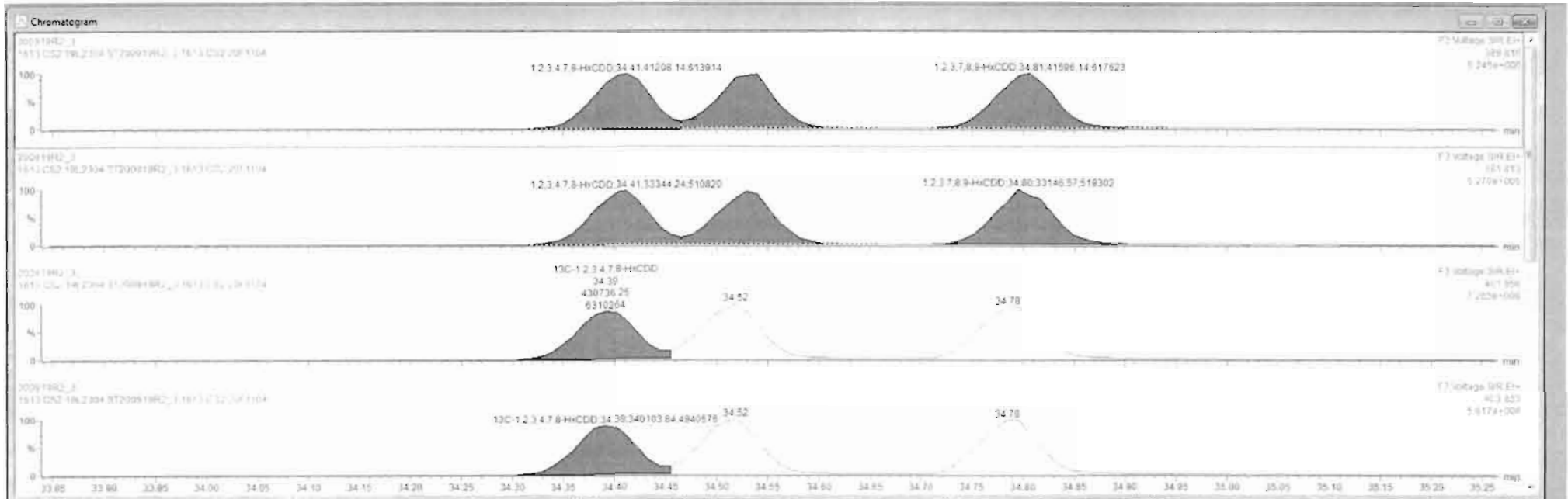
200919R2_3



200919R2_3



#	Name	RT	RA	Yield	Area	Q Area	Std. Cond.	%Dev	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	26.74	0.851	NO	1.2159e8	1.2159e8	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.107	NO	1.6282e8	1.6282e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.92	0.499	NO	9.8827e5	9.8827e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3888e8	1.3888e8	2.000		0.38	1.00	0.0040
40	Total Penta-Dioxins				1.8800e8	1.8800e8	10.000		6.17	0.955	0.0536
41	Total Hexa-Dioxins				0.0000e0	0.0000e0	10.000		0.99	0.890	0.0716
42	Total Hepta-Dioxins				0.0044e5	0.0044e5	10.000		9.96	0.932	0.0820
43	Total Tetra-Furans				1.9632e8	1.9632e8	2.000		11.3	0.736	0.0812
44	1st Func. Penta-Furans				0.0000e0	0.0000e0	10.000		0.06	0.938	0.0758
45	Total Penta-Furans				0.0000e0	0.0000e0	10.000		0.06	0.938	0.0758
46	Total Hexa-Furans				0.0000e0	0.0000e0	10.000		10.8	0.870	0.0930
47	Total Hepta-Furans				0.0000e0	0.0000e0	10.000		11.6	0.891	0.103
48	Internal PK1						1.000				



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

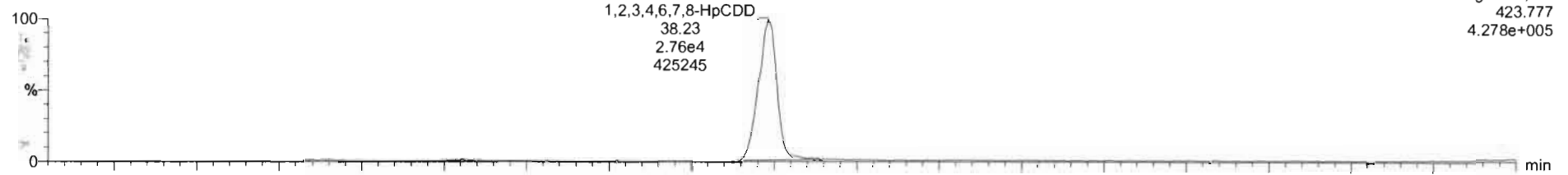
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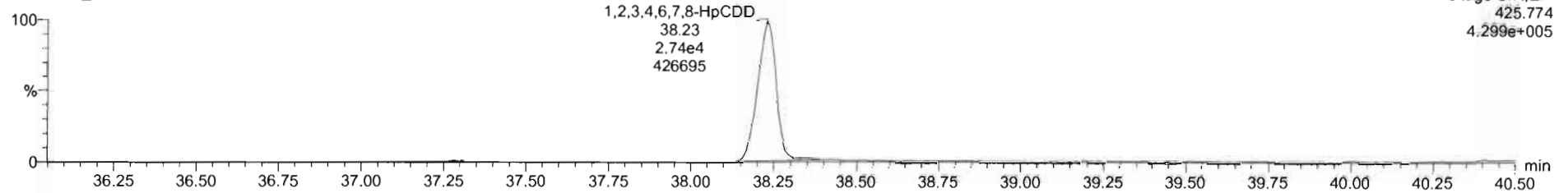
Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~19L2304~~

1,2,3,4,6,7,8-HpCDD

200919R2_3

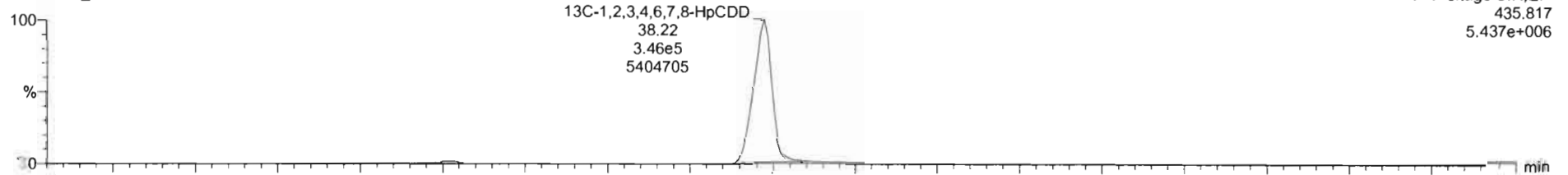


200919R2_3

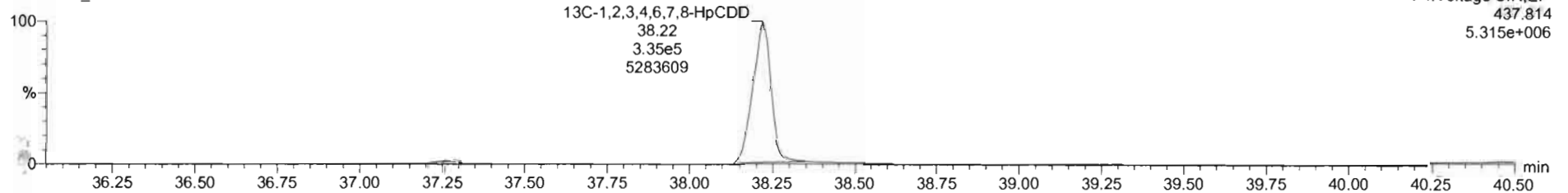


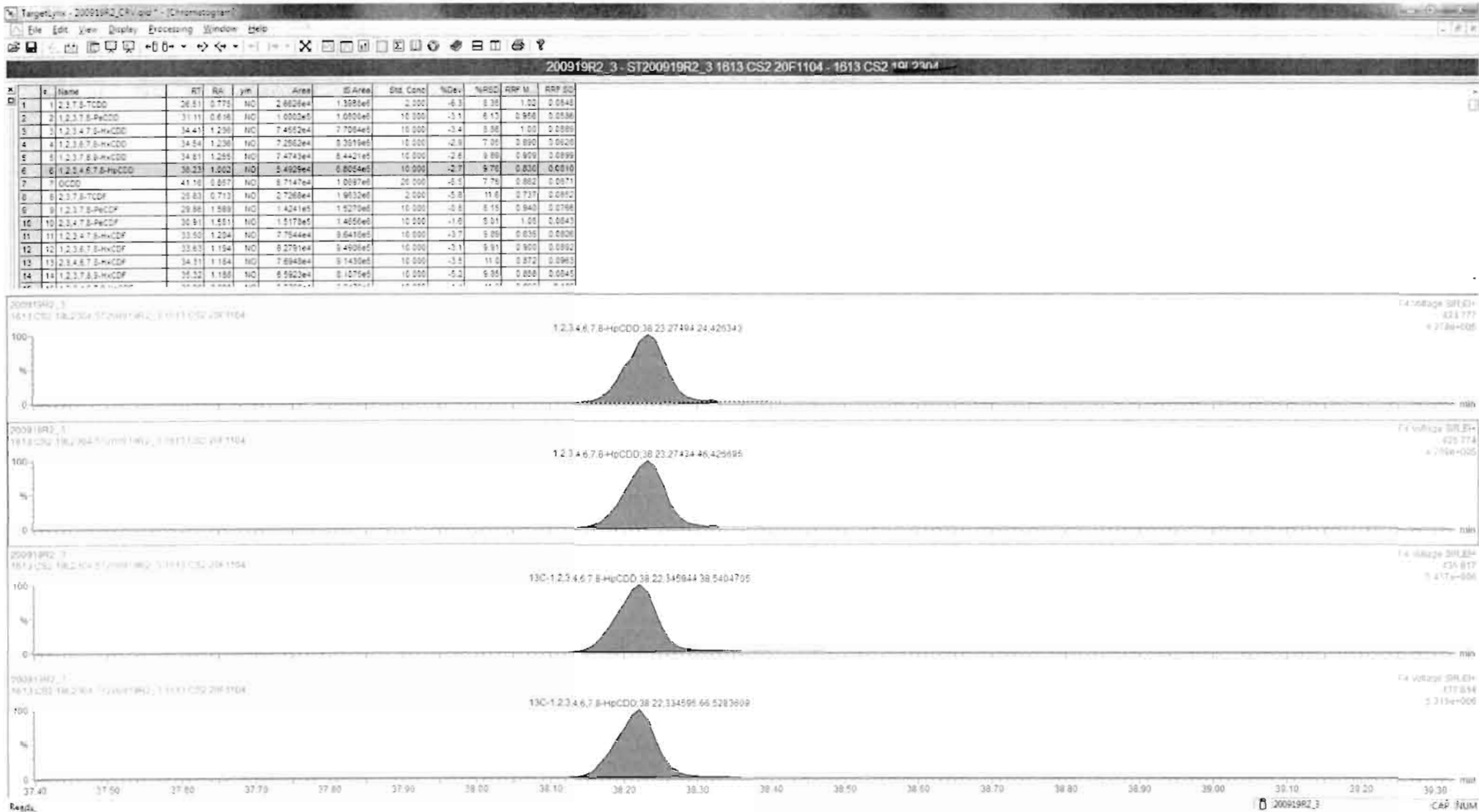
13C-1,2,3,4,6,7,8-HpCDD

200919R2_3



200919R2_3





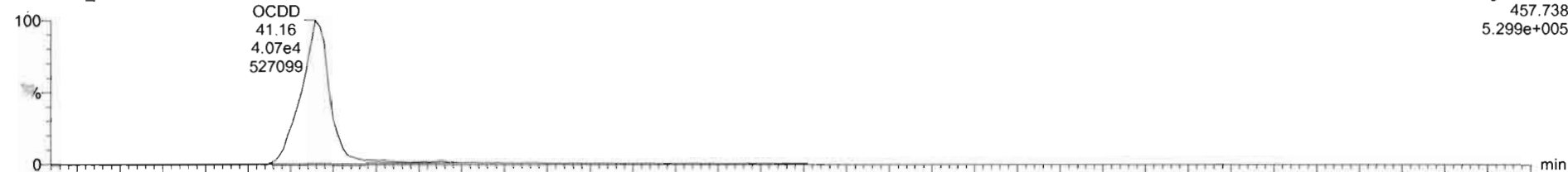
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Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~19L2304~~

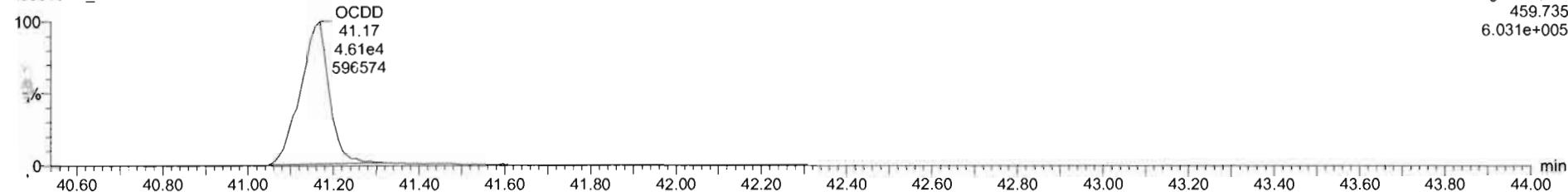
OCDD

200919R2_3



F5:Voltage SIR,EI+
457.738
5.299e+005

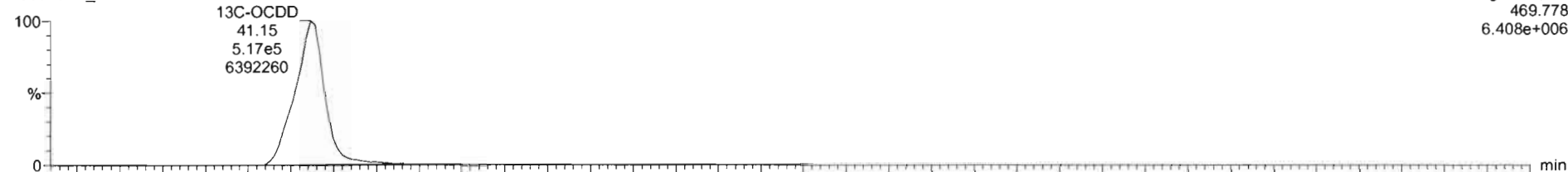
200919R2_3



F5:Voltage SIR,EI+
459.735
6.031e+005

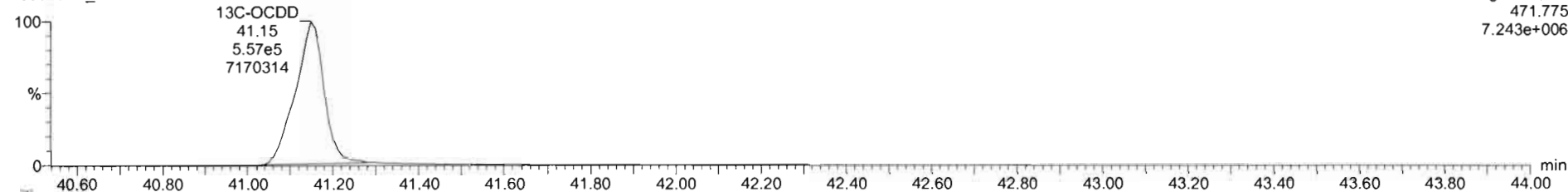
13C-OCDD

200919R2_3



F5:Voltage SIR,EI+
469.778
6.408e+006

200919R2_3



F5:Voltage SIR,EI+
471.775
7.243e+006

200919R2_3 - ST200919R2_3 1613 CS2 20F1104 - 1613 CS2

#	RT	RA	YIN	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD		
1	23.78	TCDD	26.51	0.775	NO	2.6026e4	1.3888e5	2.000	-6.3	8.30	1.00	0.0248
2	12.378	PeCDD	31.11	0.816	NO	1.0002e5	1.0000e5	10.000	-3.1	6.13	0.856	0.0586
3	12.347	2-HxCDD	34.41	1.230	NO	7.4552e4	7.7084e5	10.000	-3.4	8.88	1.00	0.0585
4	12.387	3-HxCDD	34.54	1.230	NO	7.2802e4	8.2019e5	10.000	-2.9	7.05	0.890	0.0628
5	12.378	4-HxCDD	34.81	1.255	NO	7.4743e4	8.4421e5	10.000	-2.6	8.69	0.900	0.0699
6	12.346	7.5-PeCDD	38.23	1.032	NO	5.4923e4	6.8054e5	10.000	-2.7	8.76	0.850	0.0510
7	OCDD	41.16	0.857	NO	8.7147e4	1.0697e5	20.000	-5.5	7.78	0.862	0.0671	
8	23.78	TCDF	25.83	0.713	NO	2.7288e4	1.9032e5	2.000	-6.8	11.8	0.717	0.0802
9	12.378	PeCDF	28.88	1.589	NO	1.4241e5	1.5270e5	10.000	-0.8	8.16	0.840	0.0786
10	12.347	2-HxCDF	30.91	1.551	NO	1.5170e5	1.4686e5	10.000	-1.8	8.01	1.00	0.0643
11	12.347	3-HxCDF	33.90	1.204	NO	7.7544e4	8.6416e5	10.000	-3.7	8.89	0.836	0.0626
12	12.387	4-HxCDF	33.63	1.194	NO	8.2791e4	9.4906e5	10.000	-3.1	9.91	0.800	0.0582
13	12.346	7.5-HxCDF	34.31	1.184	NO	7.8948e4	9.1430e5	10.000	-3.8	11.8	0.872	0.0663
14	12.378	8-HxCDF	35.32	1.180	NO	6.9923e4	8.1070e5	10.000	-6.2	9.93	0.868	0.0645



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

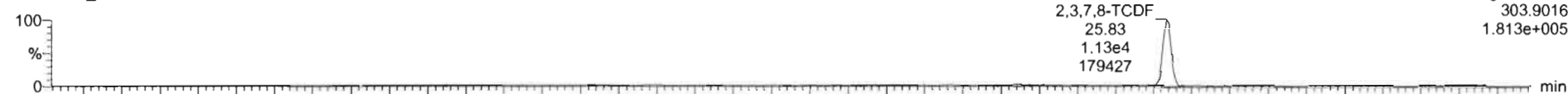
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

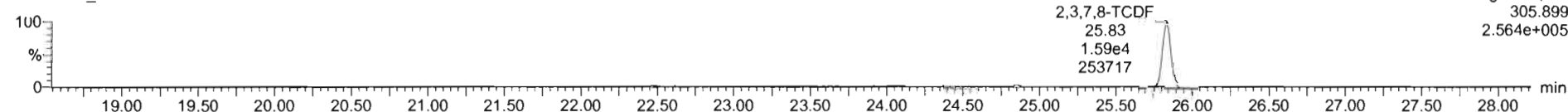
Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~40L2304~~

2,3,7,8-TCDF

200919R2_3

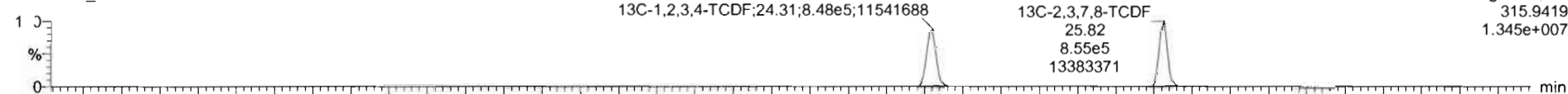


200919R2_3

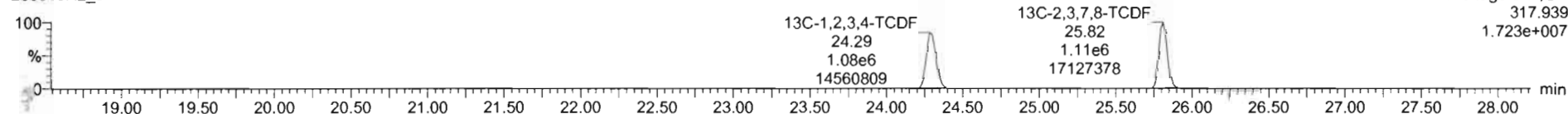


13C-2,3,7,8-TCDF

200919R2_3

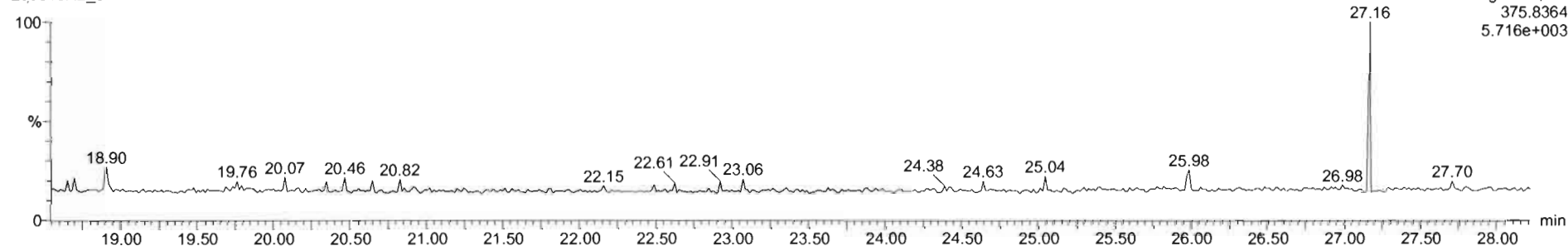


200919R2_3



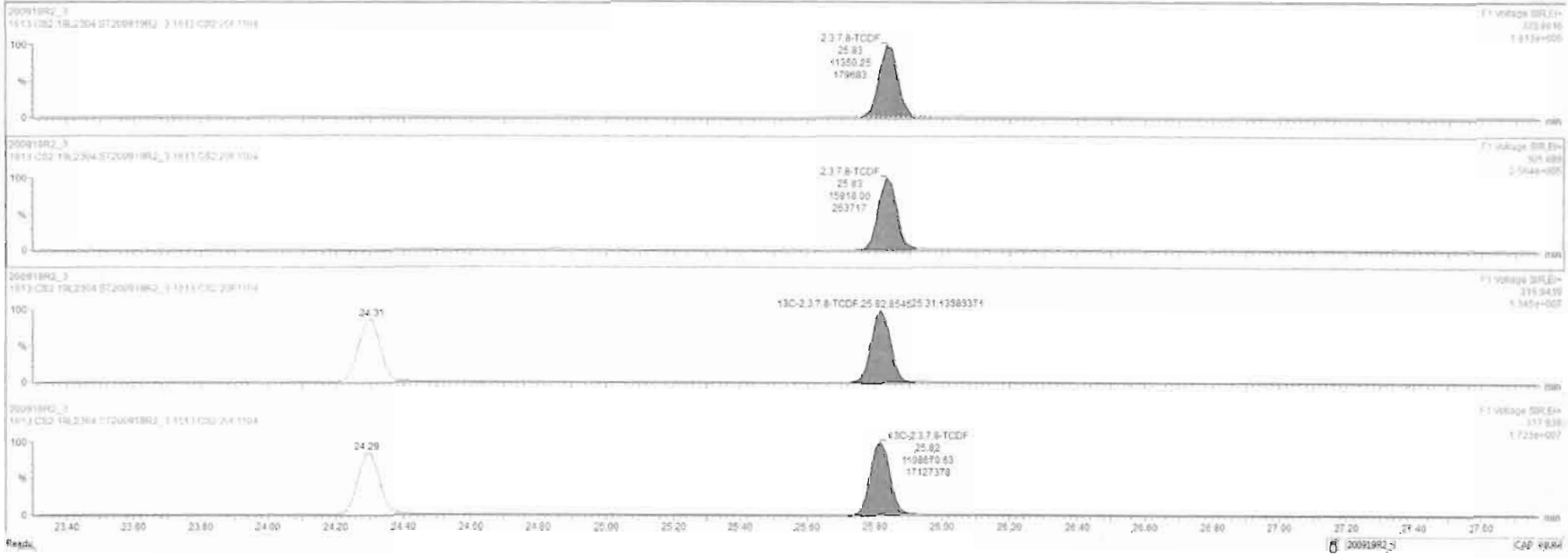
DPE1

200919R2_3



200919R2_3 - ST200919R2_3 1613 CS2 20F1104 - 1613 CS2 .in.2.504

#	RT	Name	RA	Yn	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD	
1	12.378	2,3,7,8-TCDD	26.51	0.775	NO	2.8529e4	1.5885e6	2.000	-6.3	8.35	1.00	0.0045
2	12.378	2,3,7,8-PeCDD	31.11	0.616	NO	1.0002e5	1.0005e6	10.000	-3.1	6.15	0.996	0.0030
3	12.347	2,3,4,7,8-HxCDD	34.41	1.238	NO	7.4552e4	7.7034e5	10.000	-3.4	8.50	1.00	0.0030
4	12.367	2,3,6,7,8-HxCDD	34.54	1.238	NO	7.2562e4	8.3019e5	10.000	-2.9	7.30	0.990	0.0029
5	12.378	2,3,7,8-HxCDD	34.81	1.265	NO	7.4742e4	8.4421e5	10.000	-2.4	9.89	0.908	0.0039
6	12.346	2,3,4,6,7,8-HxCDD	38.23	1.002	NO	5.4829e4	6.8054e5	10.000	-2.7	9.78	0.830	0.0010
7	17.000	OCDD	41.18	0.857	NO	8.7147e4	1.0091e6	20.000	-5.9	7.70	0.862	0.0071
8	23.78	2,3,7,8-TCDF	25.83	0.713	NO	3.7288e4	1.9832e5	2.000	-5.9	11.8	0.737	0.0050
9	12.378	2,3,7,8-PeCDF	29.86	1.559	NO	1.4241e5	1.4279e6	10.000	-0.9	8.15	0.940	0.0190
10	12.347	2,3,4,7,8-PeCDF	30.91	1.551	NO	1.5178e5	1.4859e6	10.000	-1.8	8.20	1.05	0.0043
11	12.347	2,3,4,7,8-HxCDF	33.50	1.204	NO	7.7544e4	9.9418e5	10.000	-3.7	9.25	0.835	0.0030
12	12.367	2,3,6,7,8-HxCDF	33.83	1.194	NO	8.2791e4	9.4906e5	10.000	-3.1	9.31	0.900	0.0032
13	12.346	2,3,4,6,7,8-HxCDF	34.31	1.184	NO	7.8948e4	9.1430e5	10.000	-3.5	11.0	0.872	0.0063
14	12.378	2,3,7,8-HxCDF	35.32	1.180	NO	8.5923e4	1.0705e6	10.000	-5.2	9.00	0.858	0.0045



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

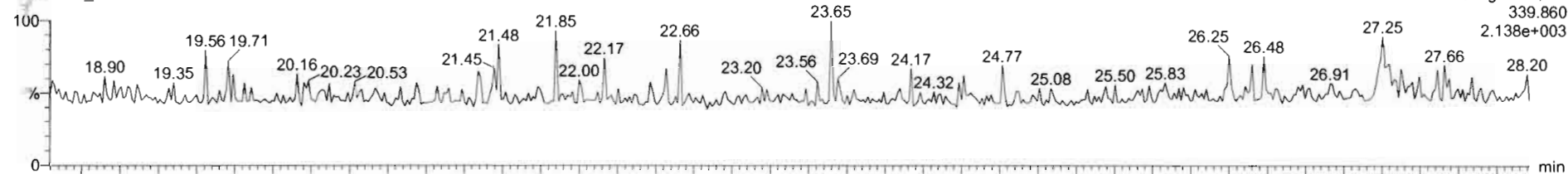
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

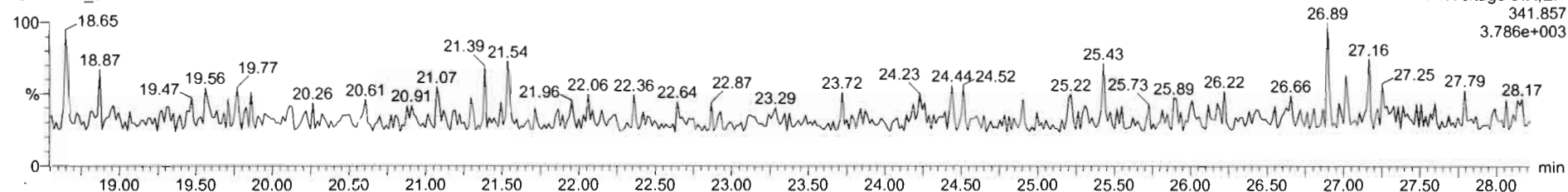
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1st Func. Penta-Furans

200919R2_3

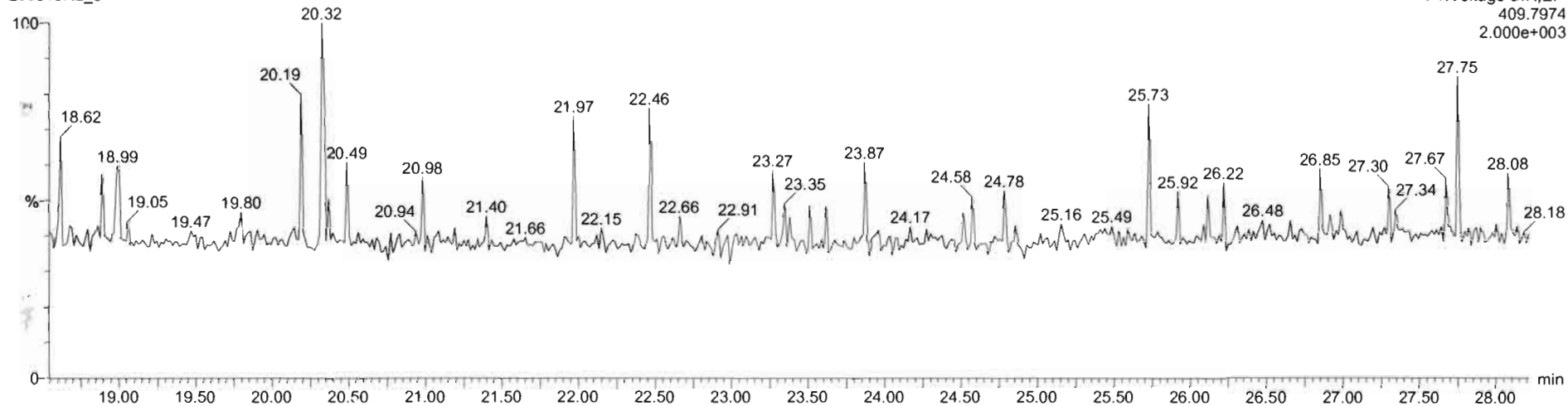


200919R2_3



DPE6

200919R2_3



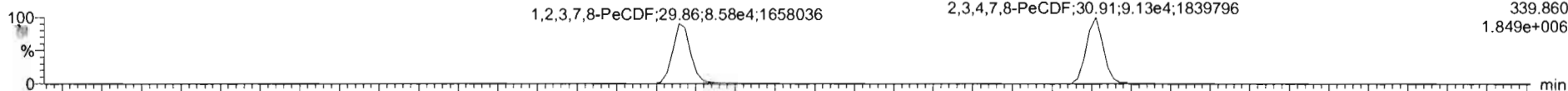
Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time
Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~10L-2304~~

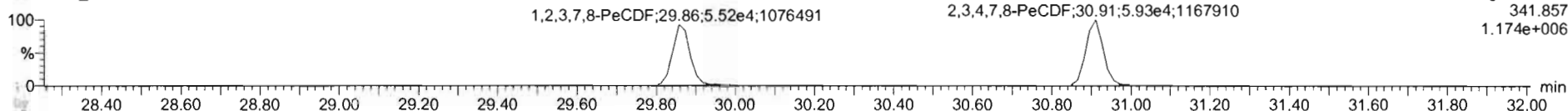
1,2,3,7,8-PeCDF

200919R2_3



F2:Voltage SIR,EI+
339.860
1.849e+006

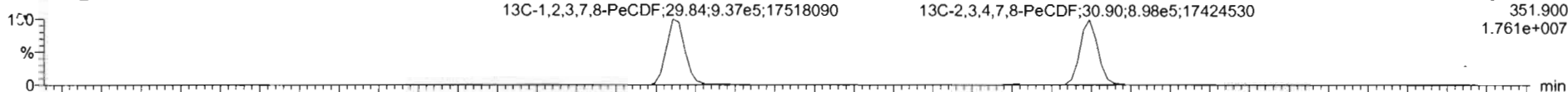
200919R2_3



F2:Voltage SIR,EI+
341.857
1.174e+006

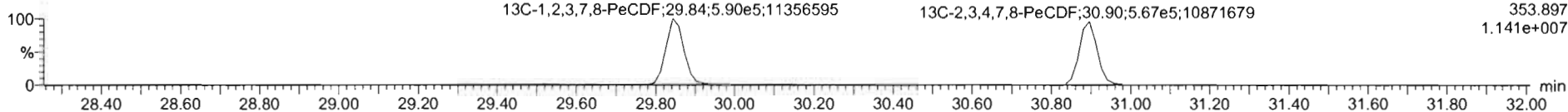
13C-1,2,3,7,8-PeCDF

200919R2_3



F2:Voltage SIR,EI+
351.900
1.761e+007

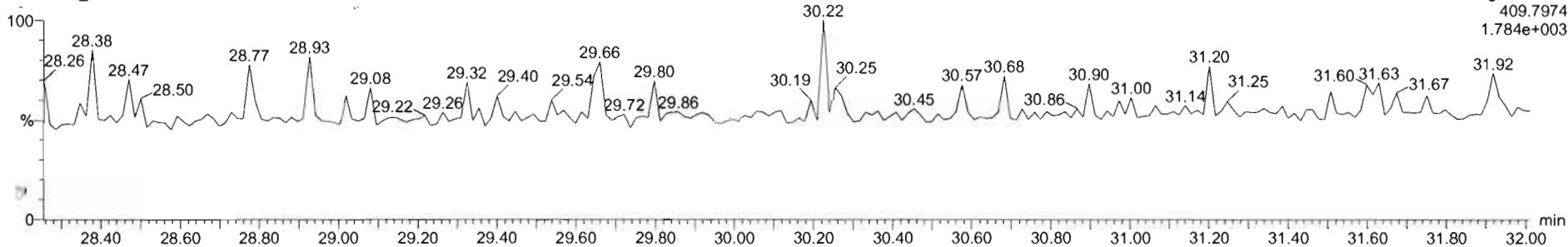
200919R2_3



F2:Voltage SIR,EI+
353.897
1.141e+007

DPE2

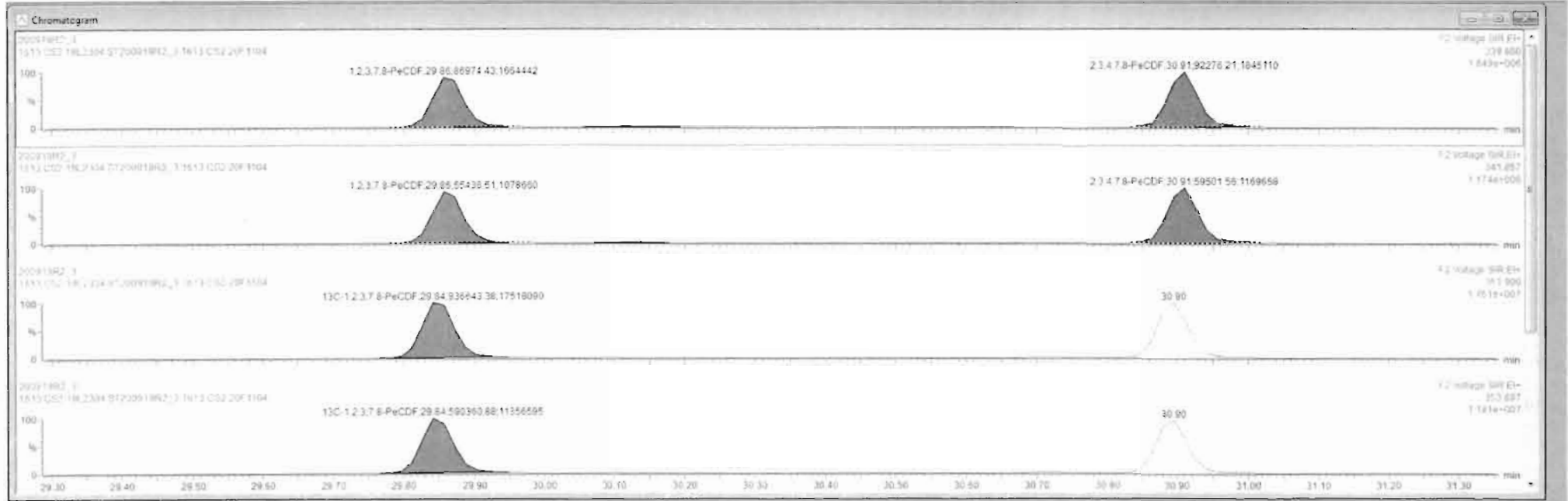
200919R2_3



F2:Voltage SIR,EI+
409.7974
1.784e+003

200919R2_3 - ST200919R2_3 1613 CS2 20F1104 - 1613 CS2

#	Name	RT	RA	Ym	Area	IS Area	Std. Conc.	%Dev.	%RSD	RRF M.	RRF SD
36	13C-1,2,3,4-TCDF	29.74	0.801	NO	1.2189e6	1.2189e6	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.787	NO	1.9262e6	1.9262e6	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,5-PeCDF	30.80	0.499	NO	8.8827e5	8.8827e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3908e6		2.000		0.35	1.02	0.0040
40	Total Penta-Dioxins				1.0000e6		10.000		6.17	2.995	0.0596
41	Total Hexa-Dioxins				0.0000e0		10.000		0.39	0.880	0.0718
42	Total Hepta-Dioxins				0.0000e0		10.000		0.96	0.032	0.0029
43	Total Tetra-Furans				1.9032e6		2.000		11.3	0.735	0.0032
44	1st Func. Penta-Furans				0.0000e0		10.000		0.38	0.938	0.0758
45	Total Penta-Furans				0.0000e0		10.000		0.88	0.939	0.0758
46	Total Hexa-Furans				0.0000e0		10.000		10.8	0.070	0.0030
47	Total Hepta-Furans				0.0000e0		10.000		11.8	0.051	0.0033
48	ax1 peak						1.000				



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

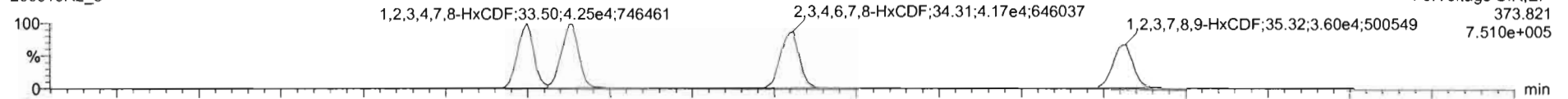
Last Altered: Sunday, September 20, 2020 09:13:58 Pacific Daylight Time

Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

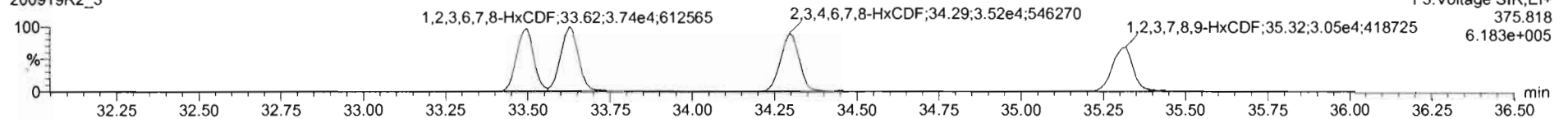
Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 ~~19L2304~~

1,2,3,4,7,8-HxCDF

200919R2_3

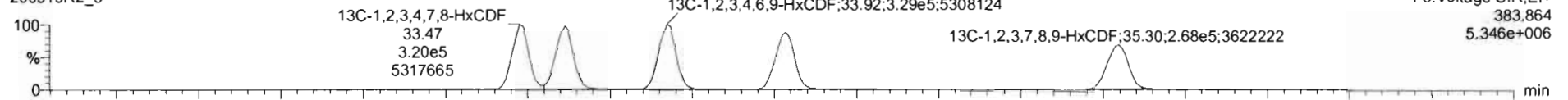


200919R2_3

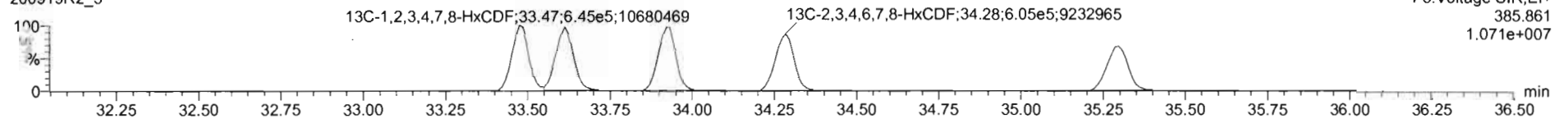


13C-1,2,3,4,7,8-HxCDF

200919R2_3

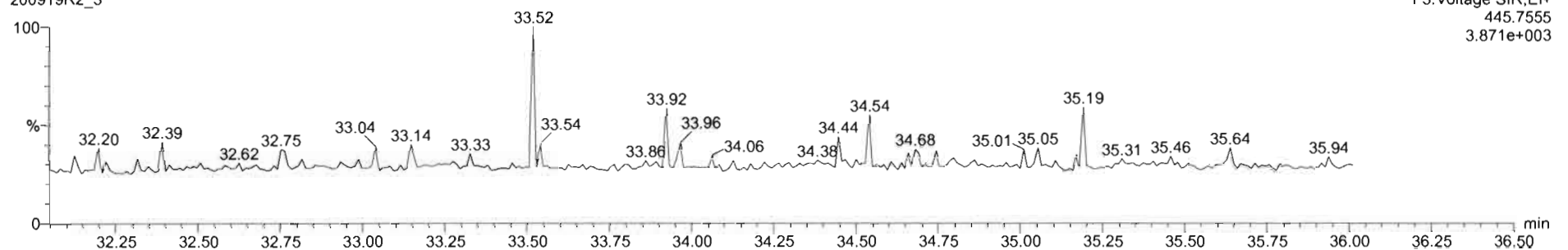


200919R2_3

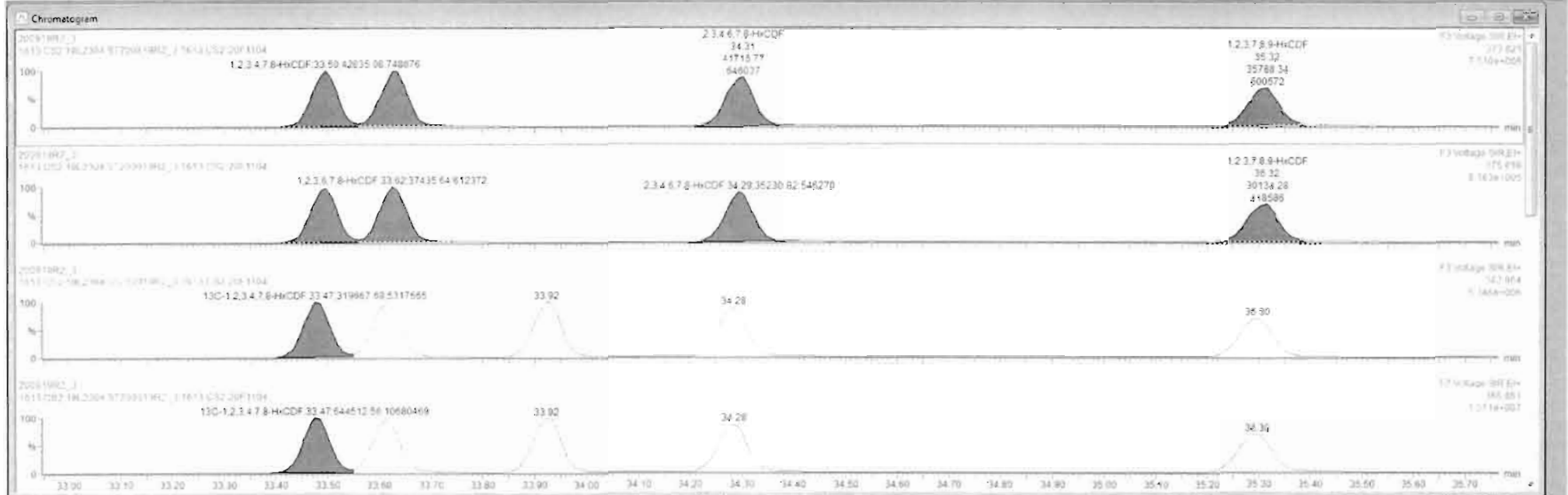


DPE3

200919R2_3



#	Name	RT	Rt	Yth	Area	ID#	Std. Conc.	%Det.	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	26.74	0.801	NO	1.2189e8	1.2189e8	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	34.31	0.787	NO	1.9282e8	1.9282e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,8,9-HxCDF	33.92	0.499	NO	9.8827e5	9.8827e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3088e8		2.000		0.35	1.02	0.0040
40	Total Penta-Dioxins				1.0800e8		10.000		6.13	0.966	0.0186
41	Total Hexa-Dioxins				0.0000e0		10.000		0.59	0.888	0.0718
42	Total Hepta-Dioxins				8.8094e5		10.000		0.96	0.832	0.0620
43	Total Tetra-Furans				1.9632e6		2.000		11.3	0.735	0.0832
44	1st Func. Penta-Furans				0.0000e0		10.000		0.88	0.938	0.0758
45	Total Penta-Furans				0.0000e0		10.000		0.86	0.939	0.0758
46	Total Hexa-Furans				0.0000e0		10.000		10.8	0.870	0.0938
47	Total Hepta-Furans				0.0000e0		10.000		11.8	0.891	0.103
48	1st FOC				1.000						

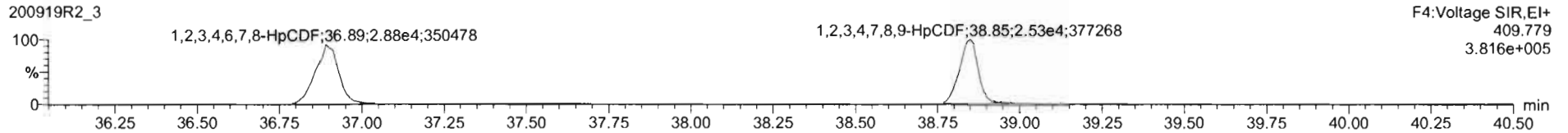
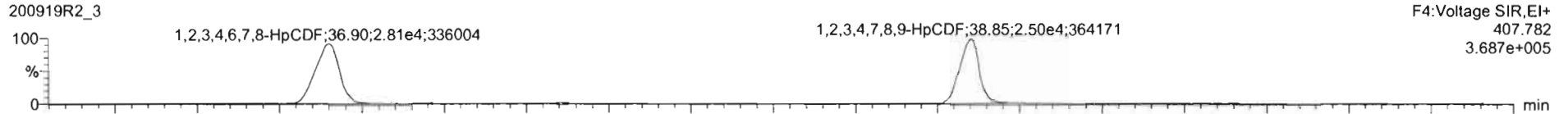


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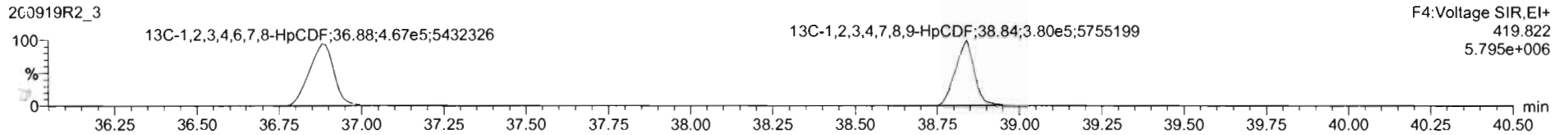
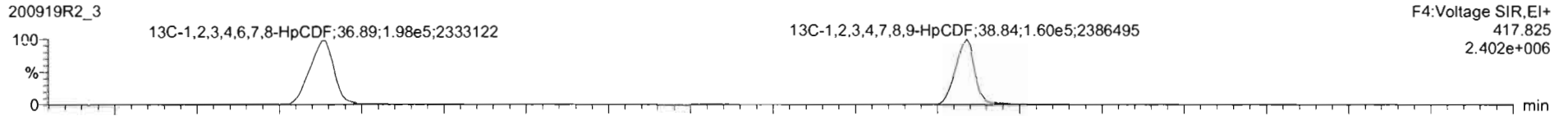
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 10L-2304

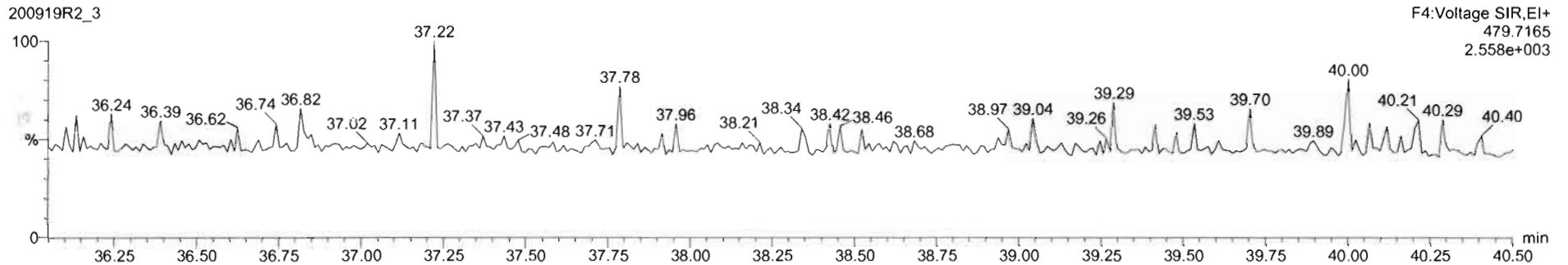
1,2,3,4,6,7,8-HpCDF



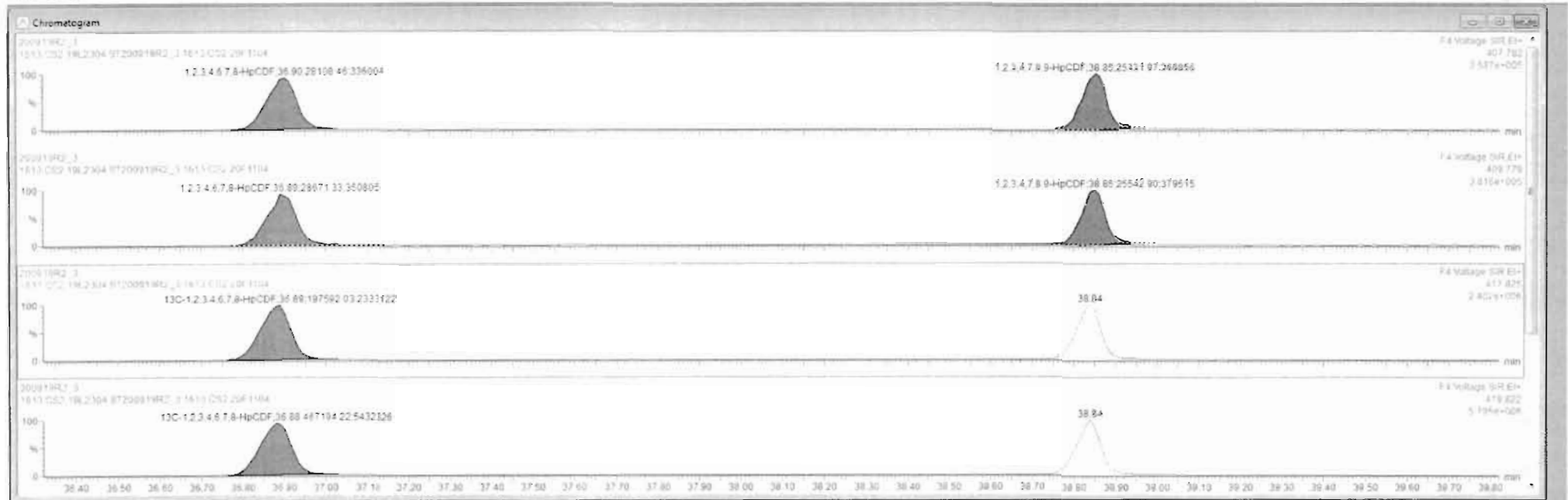
13C-1,2,3,4,6,7,8-HpCDF



DPE4



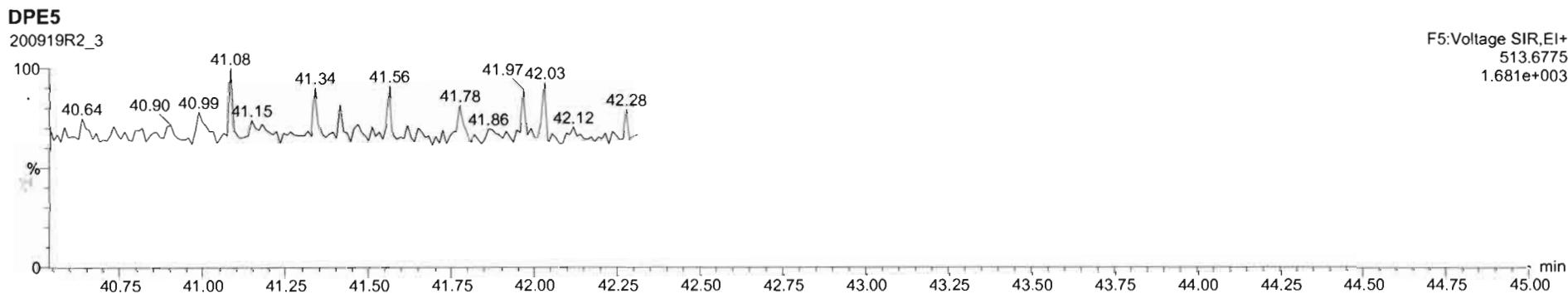
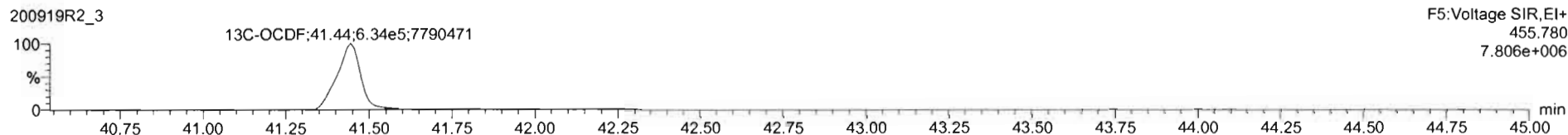
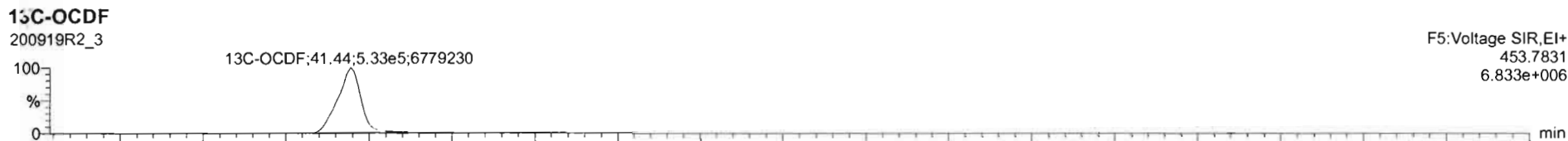
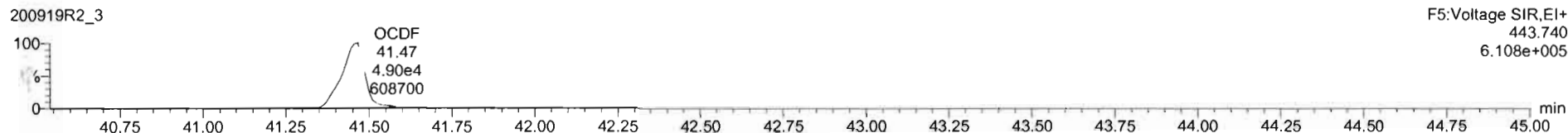
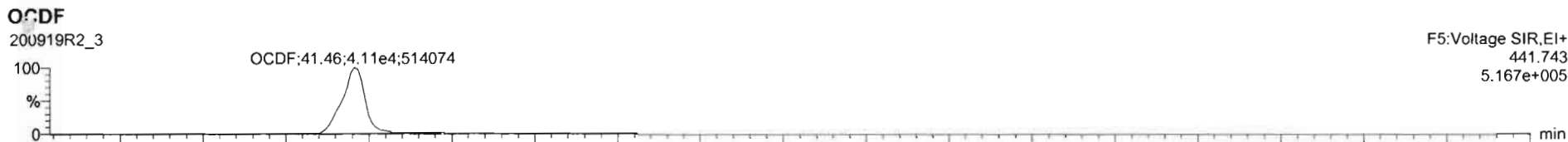
#	Name	RT	RA	ym	Area	IS Area	Std. Conc.	%Dev	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	25.74	0.801	NO	1.2189e6	1.2189e6	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.787	NO	1.9282e6	1.9282e6	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.82	0.499	NO	9.8827e5	9.8827e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3988e6		2.000		8.35	1.02	0.0840
40	Total Penta-Dioxins				1.0800e6		10.000		6.13	0.966	0.0486
41	Total Hexa-Dioxins				0.0000e0		10.000		8.08	0.888	0.0718
42	Total Hepta-Dioxins				0.0000e0		10.000		9.96	0.932	0.0820
43	Total Tetra-Furans				1.9832e6		2.000		11.3	0.735	0.0332
44	1st Func. Penta-Furans				0.0000e0		10.000		8.36	1.826	0.0766
45	Total Penta-Furans				0.0000e0		10.000		3.05	0.928	0.0750
46	Total Hexa-Furans				0.0000e0		10.000		10.8	0.870	0.0930
47	Total Hepta-Furans				0.0000e0		10.000		11.8	0.891	0.103
48	Blank						1.000				



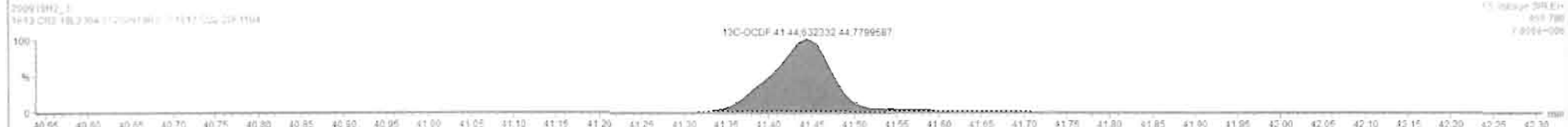
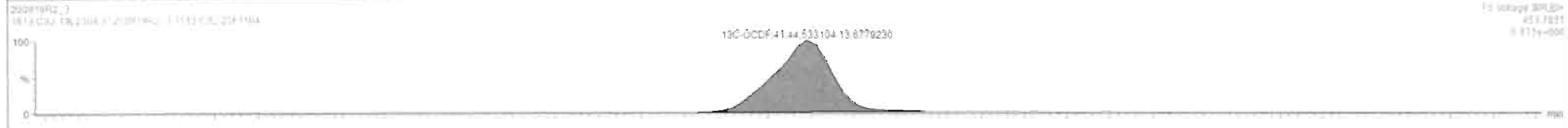
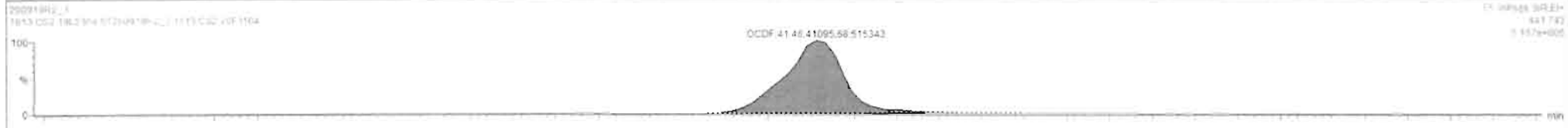
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

Name: 200919R2_3, Date: 19-Sep-2020, Time: 15:10:05, ID: ST200919R2_3 1613 CS2 20F1104, Description: 1613 CS2 10L2304



#	Name	RT	RA	ym	Area	IS Area	Std. Conc.	%Dev.	%RSD	RRF M	RRF SD
15	1,2,3,4,6,7,8-HpCDF	26.00	0.980	NO	5.878e4	6.6479e5	10.000	-4.4	11.0	0.693	0.108
16	1,2,3,4,7,8,9-HpCDF	36.85	0.992	NO	5.0075e4	5.3944e5	10.000	-5.7	9.90	1.00	0.0696
17	OCDF	41.46	0.840	NO	8.9546e4	1.1854e5	20.000	-2.0	11.4	0.794	0.0697
18	13C-2,3,7,8-TCDF	26.45	0.780	NO	1.3909e5	1.2199e6	100.000	-0.2	1.20	1.10	0.0144
19	13C-1,2,3,7,8-PeCDF	21.08	0.629	NO	1.9509e5	1.2199e6	100.000	0.1	7.86	0.887	0.0697
20	13C-1,2,3,4,7,8-HxCDD	34.39	1.268	NO	7.7084e5	9.8027e5	100.000	-2.7	9.82	0.801	0.0451
21	13C-1,2,3,6,7,8-HxCDD	34.52	1.260	NO	8.2919e5	9.8027e5	100.000	-4.0	4.32	0.892	0.0430
22	13C-1,2,3,7,8,9-HxCDD	34.78	1.280	NO	8.4421e5	9.8027e5	100.000	-3.2	4.97	0.882	0.0438
23	13C-1,2,3,4,6,7,8-HpCDD	36.22	1.034	NO	8.8054e5	9.8027e5	100.000	-4.1	8.36	0.718	0.0388
24	13C-OCDD	41.15	0.820	NO	1.0687e5	9.8027e5	200.000	-3.9	8.80	0.580	0.0484
25	13C-2,3,7,8-TCDF	25.62	0.771	NO	1.9832e5	1.9282e6	100.000	1.0	1.20	1.01	0.0130
26	13C-1,2,3,7,8-PeCDF	28.84	1.537	NO	1.5270e5	1.9282e6	100.000	-2.8	9.32	0.814	0.0482
27	13C-2,3,4,7,8-PeCDF	30.90	1.584	NO	1.4688e5	1.9282e6	100.000	-0.9	8.85	0.780	0.0510
28	13C-1,2,3,4,7,8-HxCDF	33.47	0.496	NO	9.6418e5	9.8027e5	100.000	-1.7	3.65	0.992	0.0298



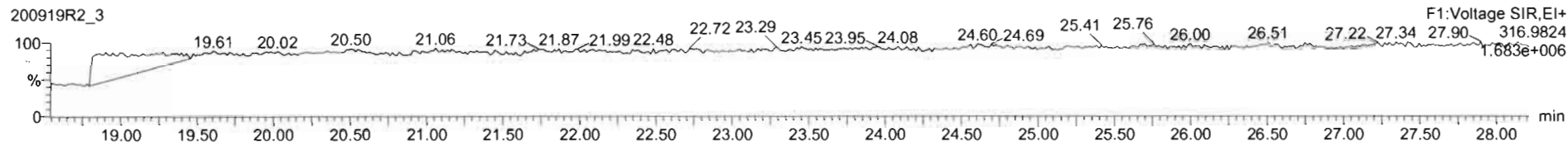
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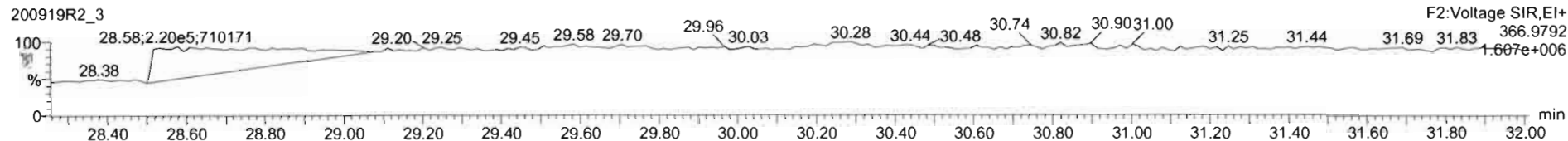
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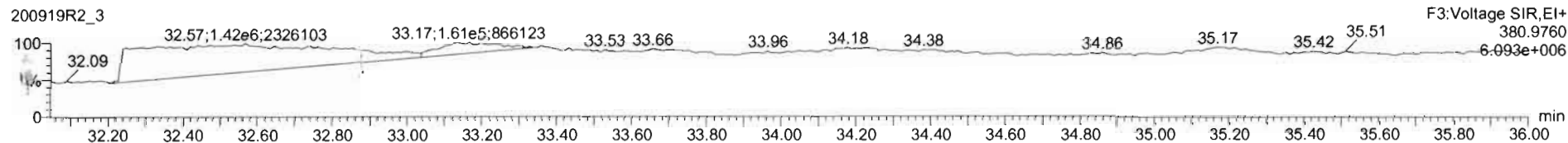
PFK1



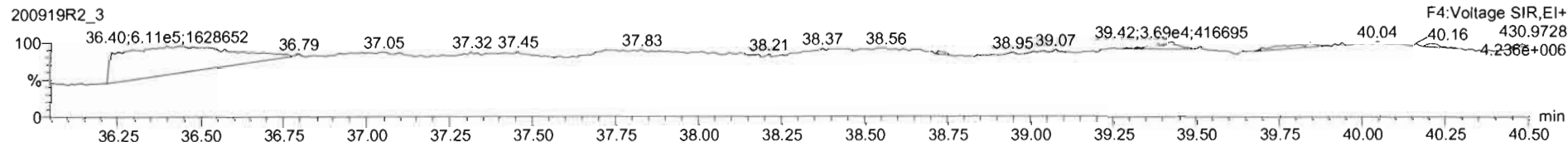
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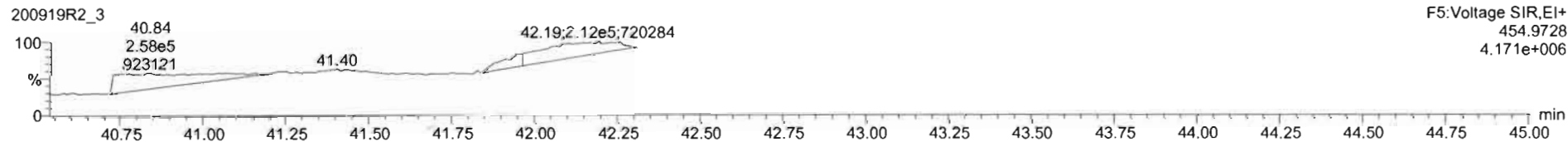
PFK3



PFK4



PFK5

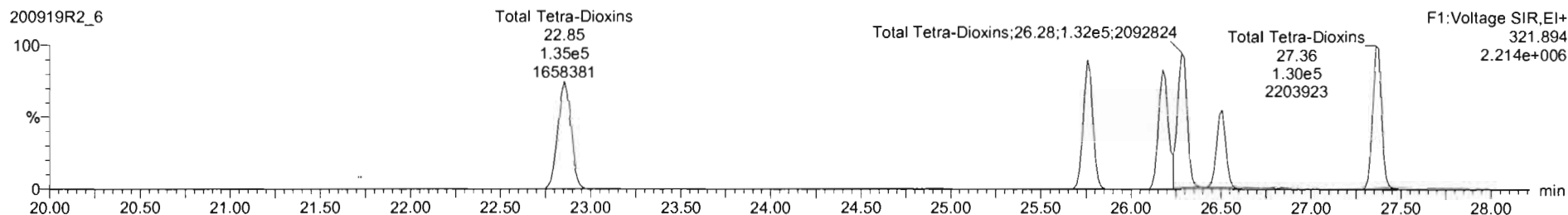
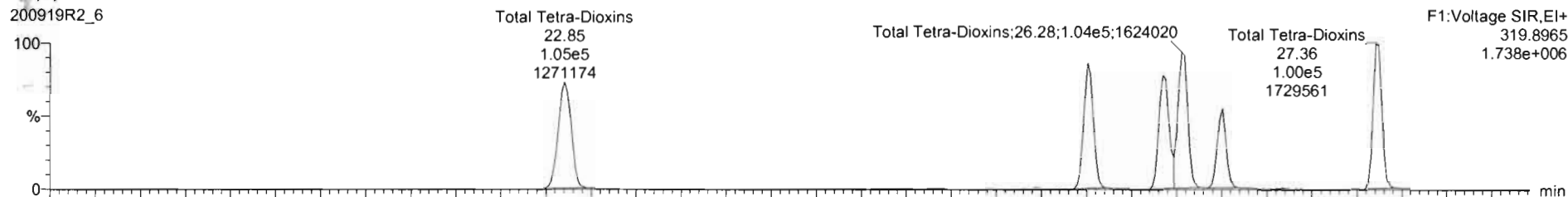


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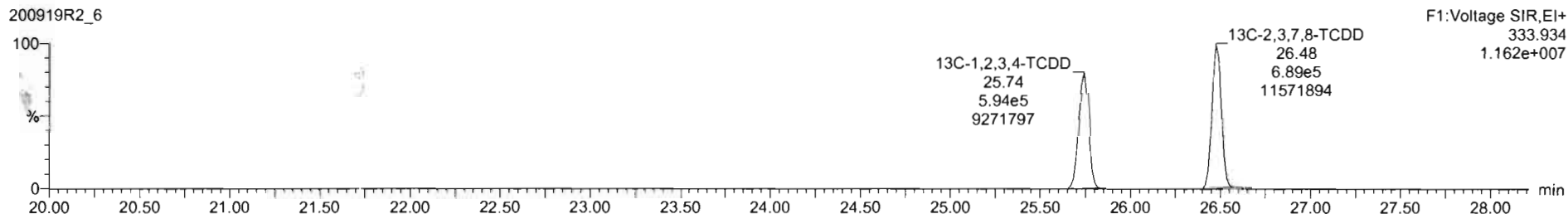
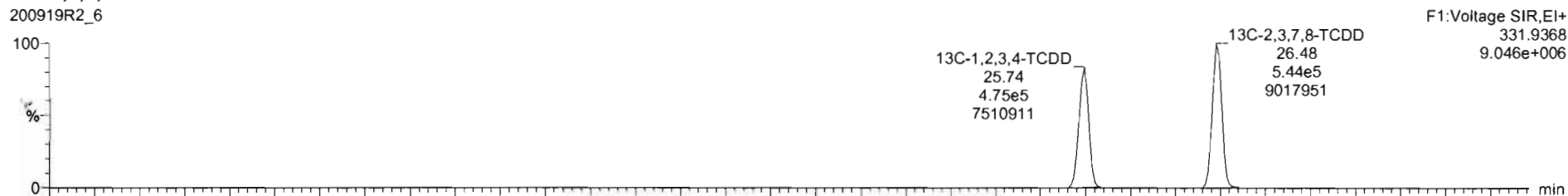
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Name: 200919R2_6, Date: 19-Sep-2020, Time: 17:21:13, ID: ST200919R2_6 1613 CS3 20F1105, Description: 1613 CS3 16L-2305

2,3,7,8-TCDD



13C-2,3,7,8-TCDD



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

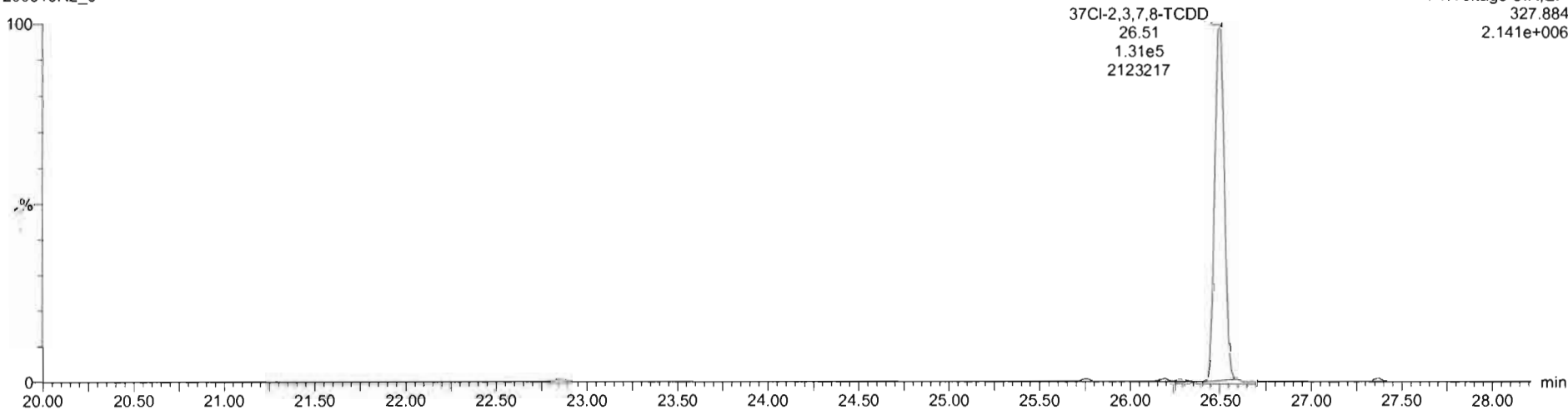
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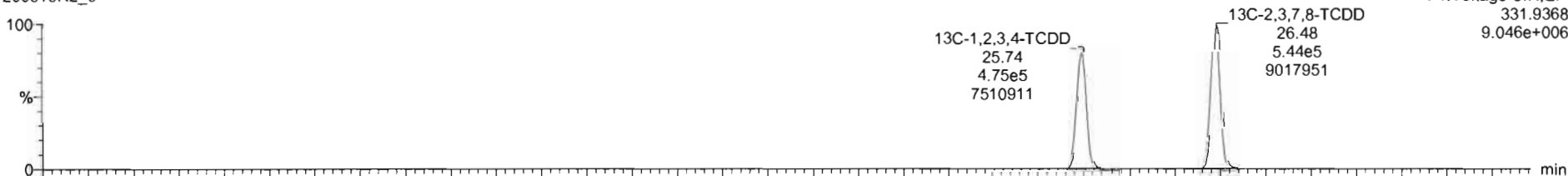
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200919R2_6

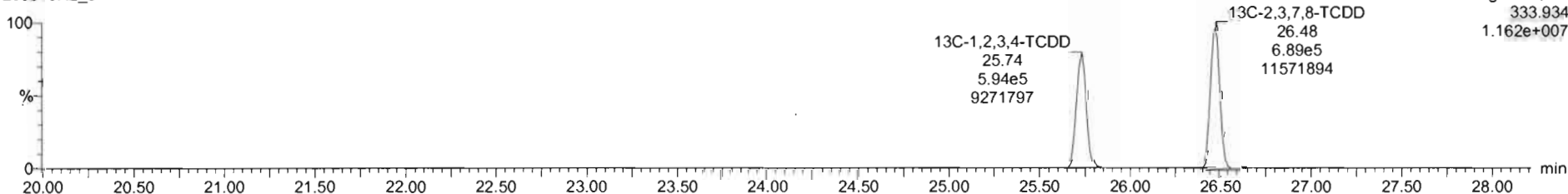


13C-1,2,3,4-TCDD

200919R2_6



200919R2_6



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

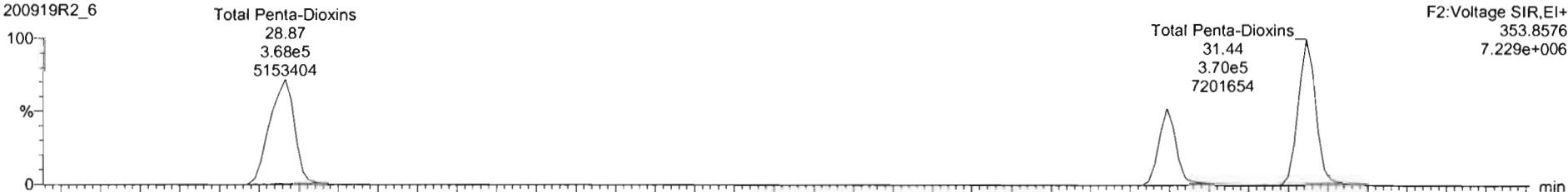
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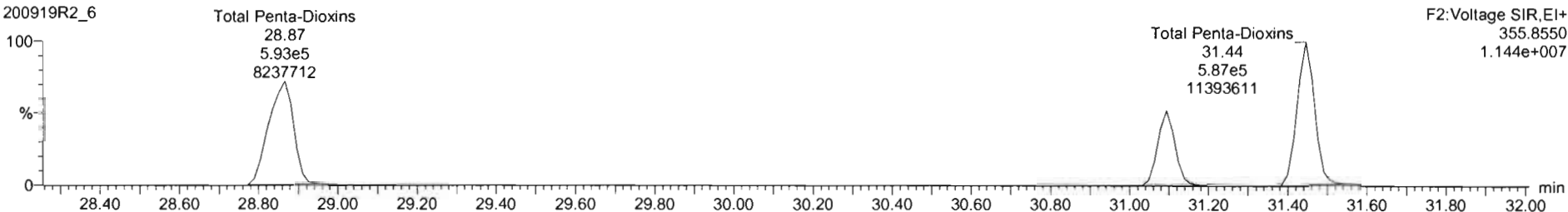
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1,2,3,7,8-PeCDD

200919R2_6

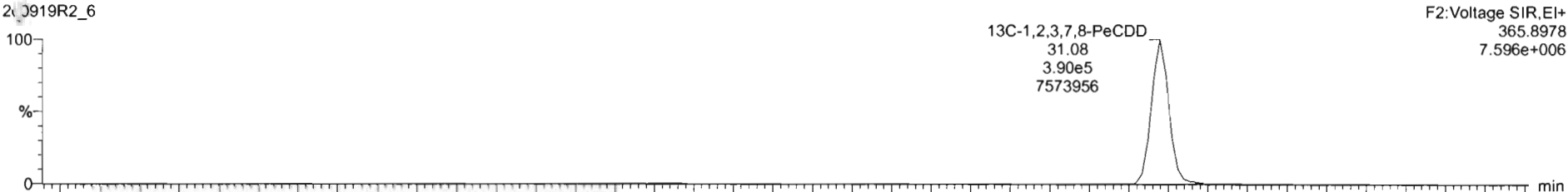


200919R2_6

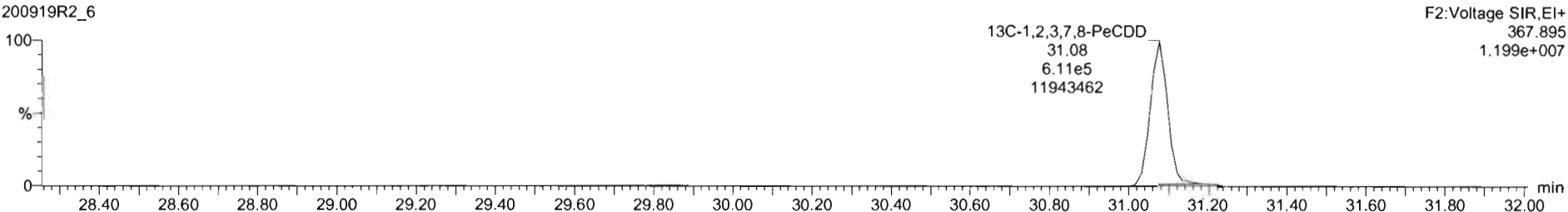


13C-1,2,3,7,8-PeCDD

200919R2_6



200919R2_6



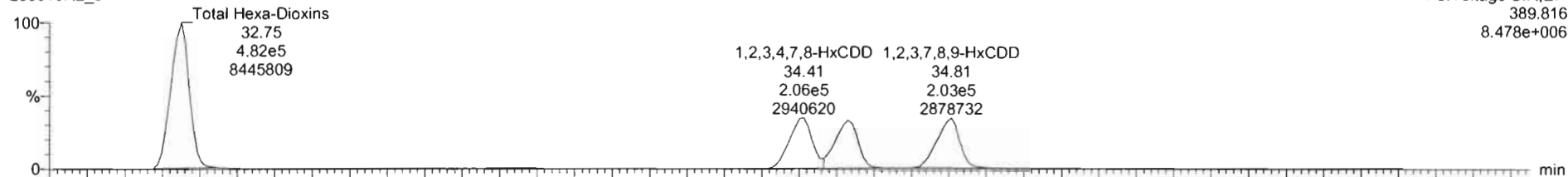
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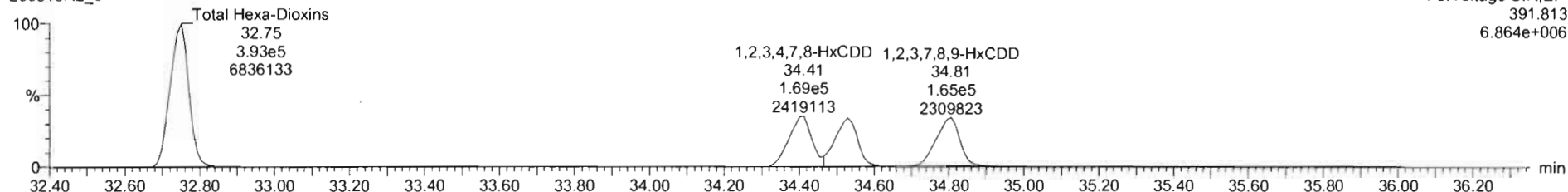
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1,2,3,4,7,8-HxCDD

200919R2_6

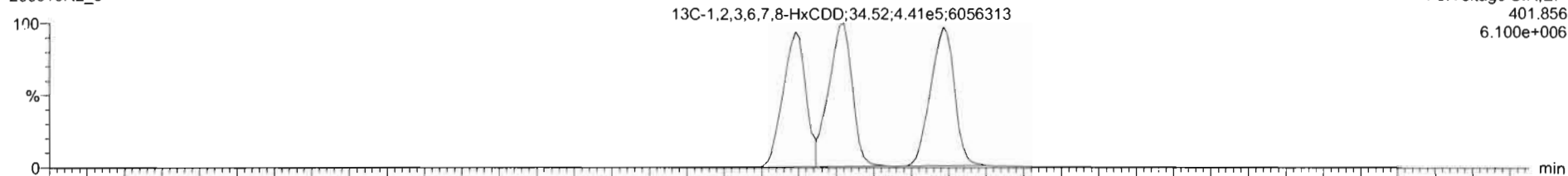


200919R2_6

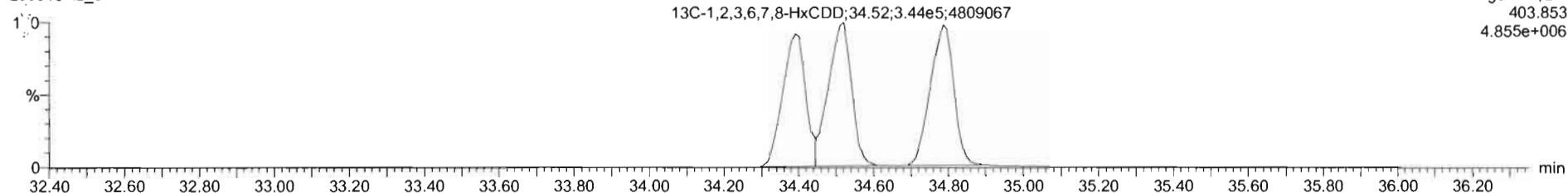


13C-1,2,3,4,7,8-HxCDD

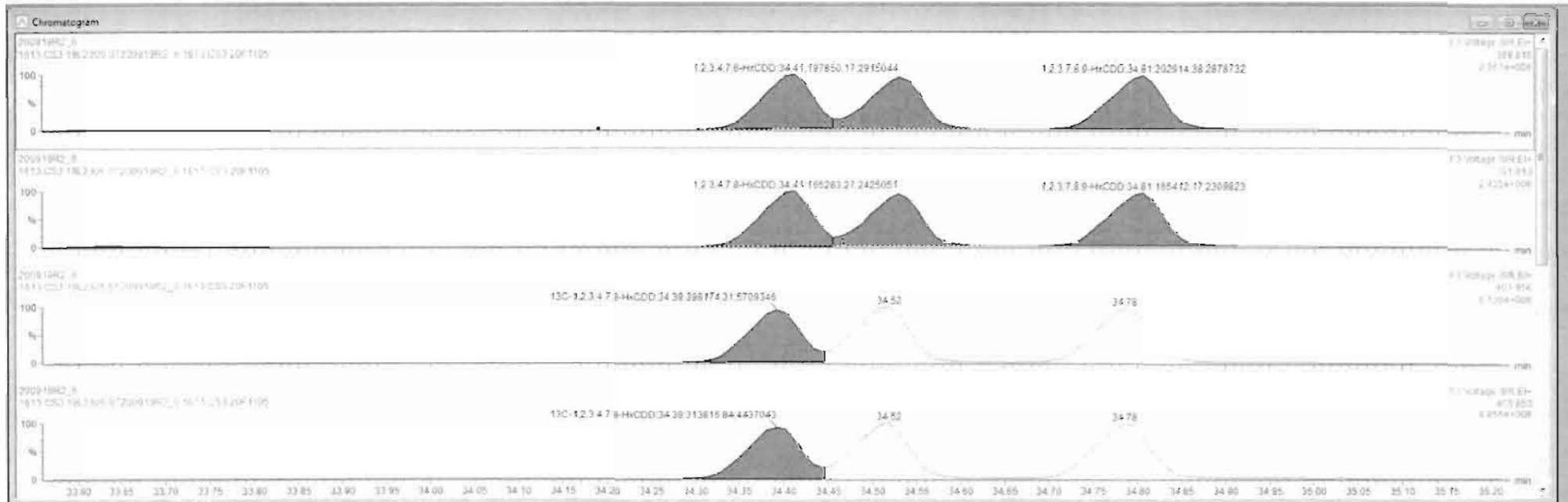
200919R2_6



200919R2_6



#	Name	RT	RA	Y/N	Area	ID Area	Std. Conc.	%Dev.	%RSD	RRF M.	RRF SD
36	13C-1,2,3,4-TCDD	28.74	0.800	NO	1.0690e5	1.0690e5	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.788	NO	1.6717e8	1.6717e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.62	0.500	NO	8.8448e5	8.8448e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.2333e6		10.000		0.30	1.22	0.0048
40	Total Penta-Dioxins				1.0016e6		50.000		6.13	2.958	0.0586
41	Total Hexa-Dioxins				0.0000e0		50.000		0.08	0.800	0.0718
42	Total Hepta-Dioxins				8.2633e6		50.000		9.96	2.632	0.0020
43	Total Tetra-Furans				1.7041e0		10.000		11.0	0.735	0.0032
44	1st Func. Penta-Furans				0.0000e0		50.000		8.26	0.939	0.0758
45	Total Penta-Furans				0.0000e0		50.000		0.36	0.629	0.0766
46	Total Hexa-Furans				0.0000e0		50.000		10.8	0.870	0.0938
47	Total Hepta-Furans				0.0000e0		50.000		11.8	0.891	0.103
48	std err1						1.000				



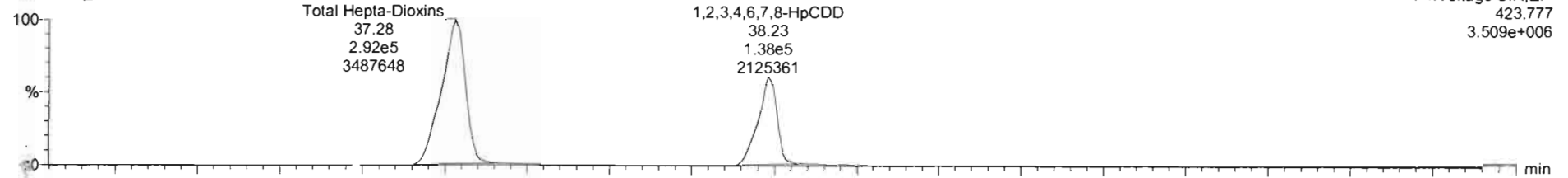
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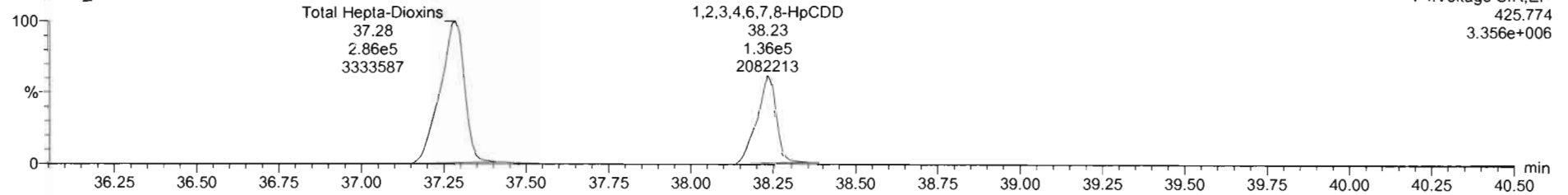
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1,2,3,4,6,7,8-HpCDD

200919R2_6

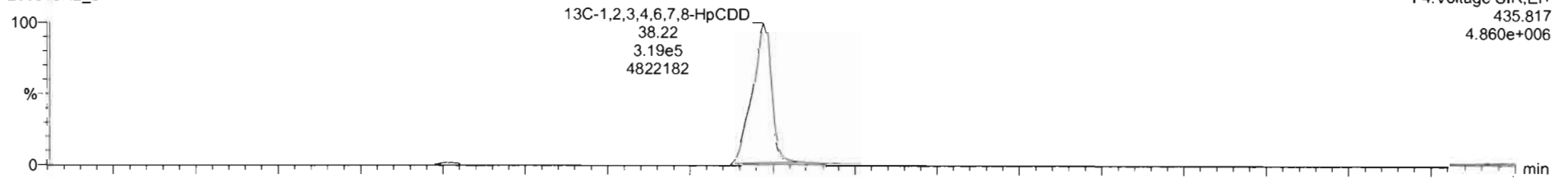


200919R2_6

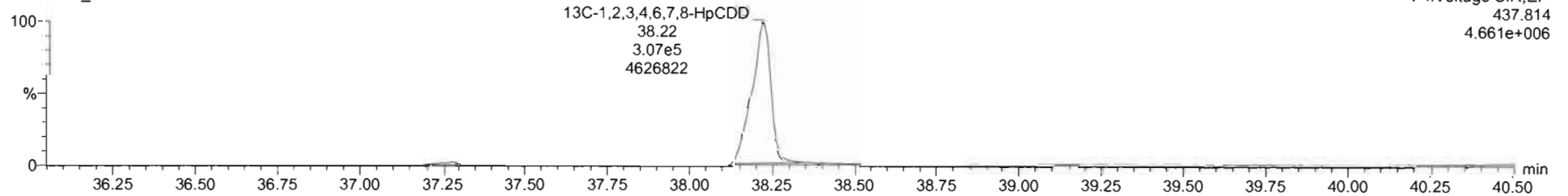


13C-1,2,3,4,6,7,8-HpCDD

200919R2_6



200919R2_6



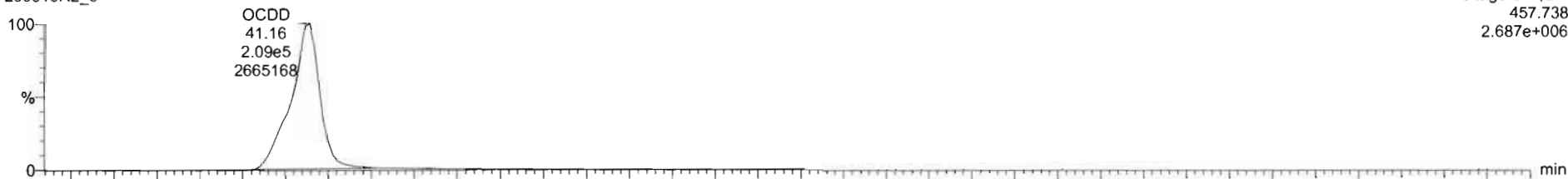
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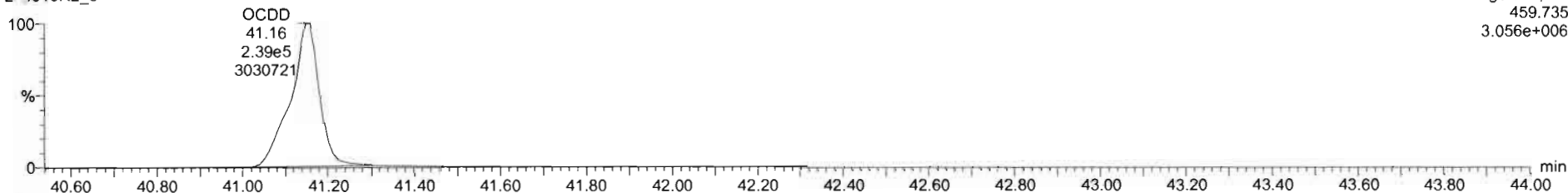
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OCDD

200919R2_6

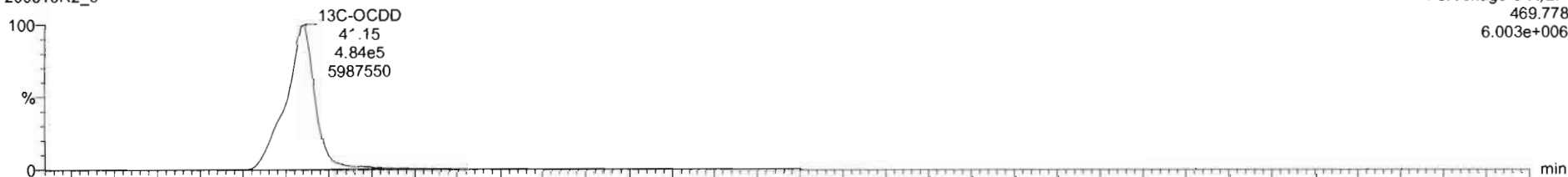


200919R2_6

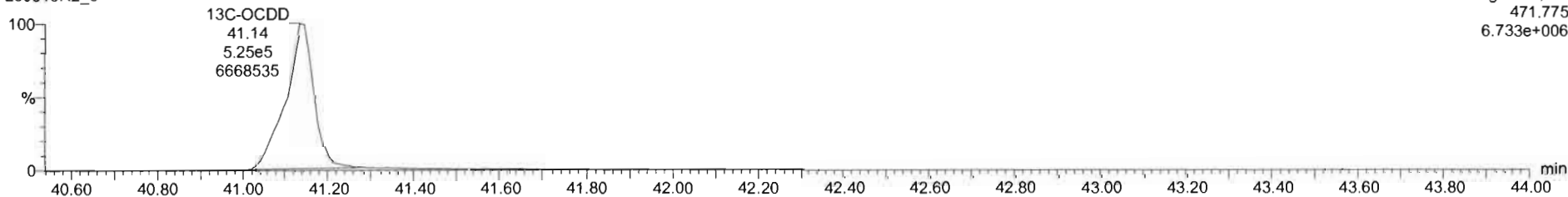


13C-OCDD

200919R2_6



200919R2_6



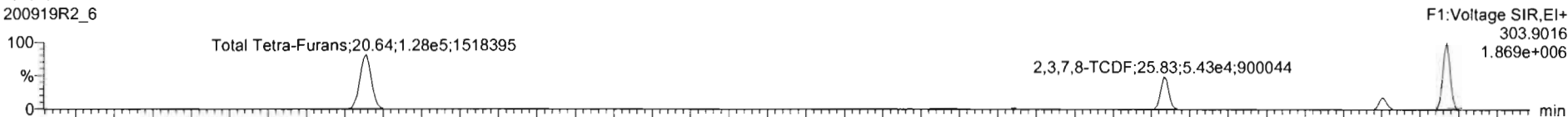
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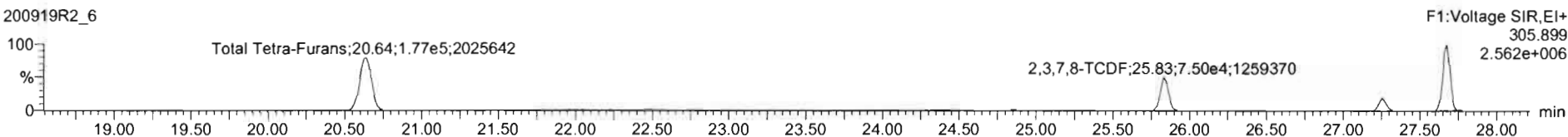
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2,3,7,8-TCDF

200919R2_6

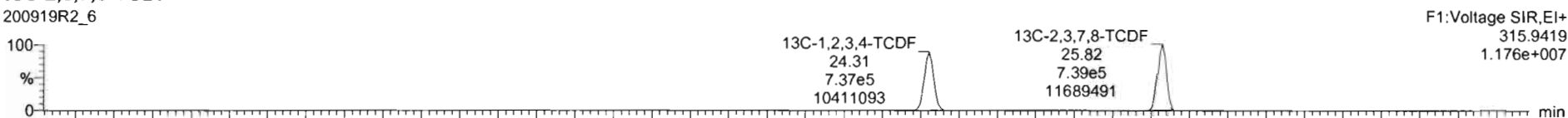


200919R2_6

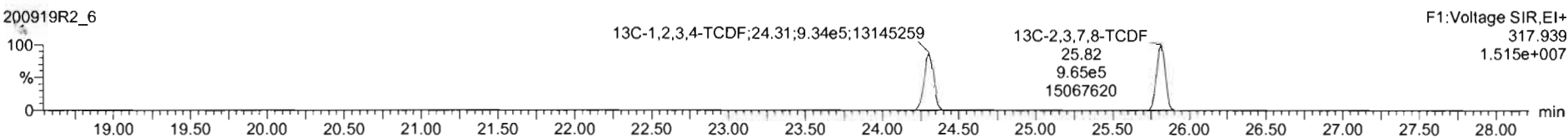


13C-2,3,7,8-TCDF

200919R2_6

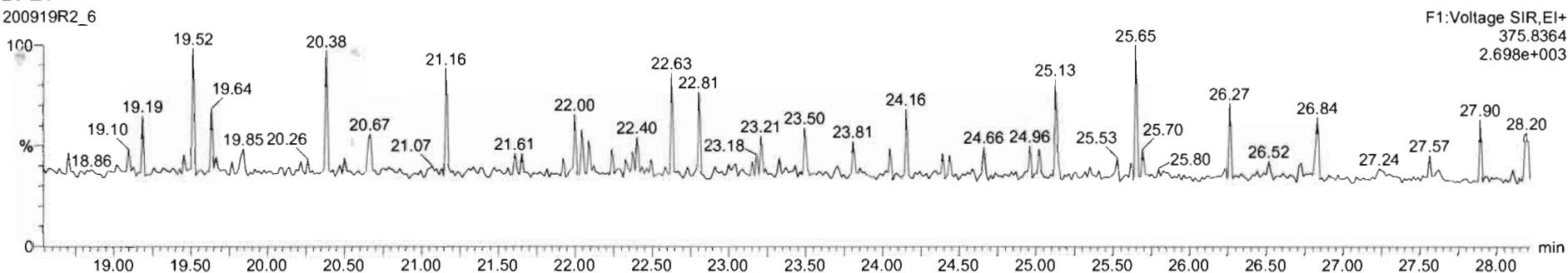


200919R2_6



DPE1

200919R2_6



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

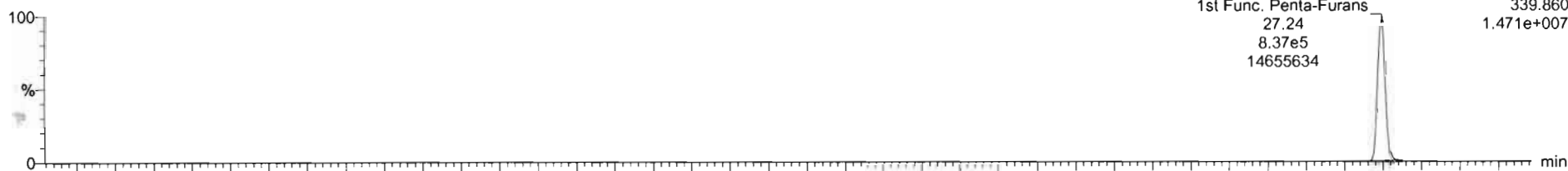
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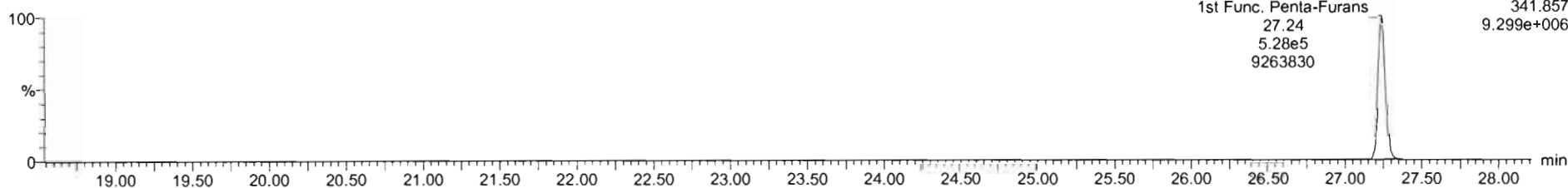
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1st Func. Penta-Furans

200919R2_6

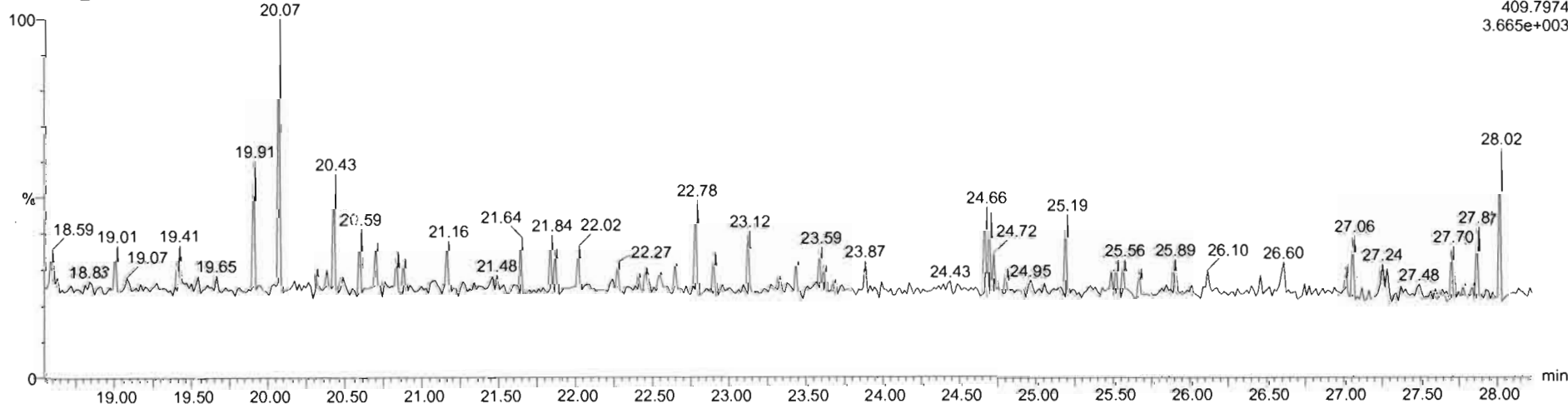


200919R2_6



DPE6

200919R2_6



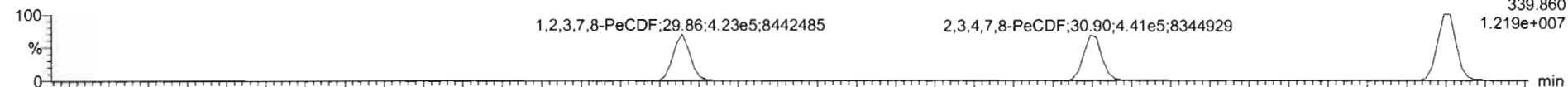
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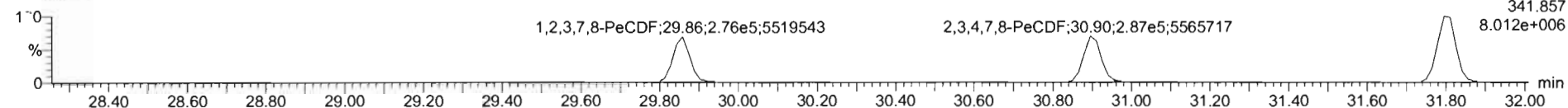
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1,2,3,7,8-PeCDF

200919R2_6

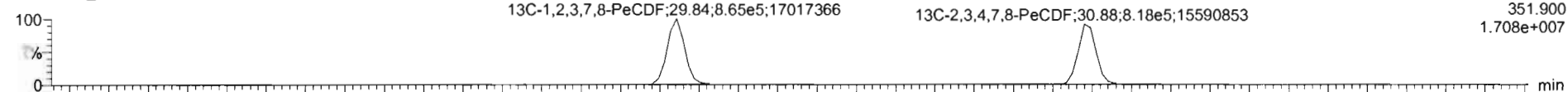


200919R2_6

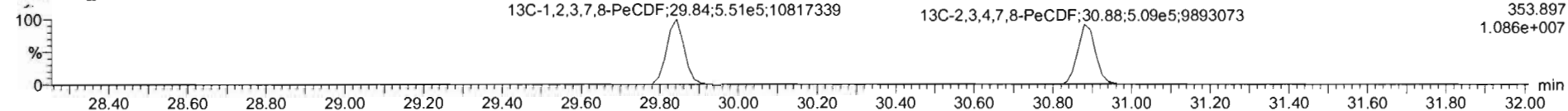


13C-1,2,3,7,8-PeCDF

200919R2_6

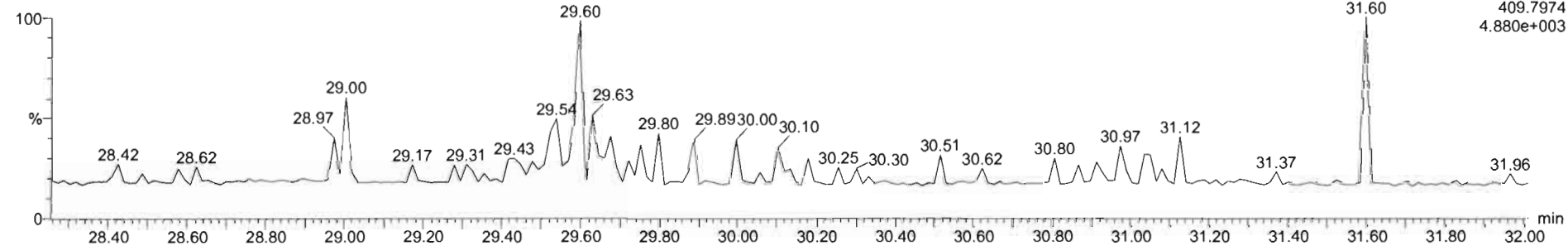


200919R2_6



DPE2

200919R2_6

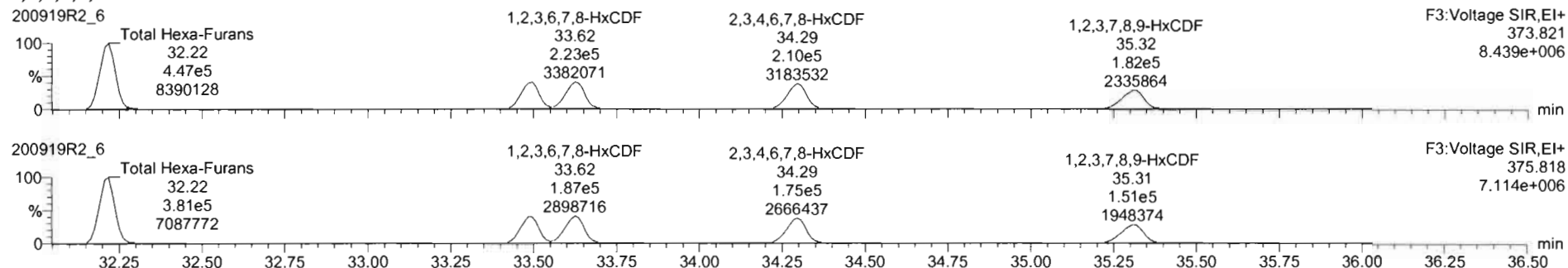


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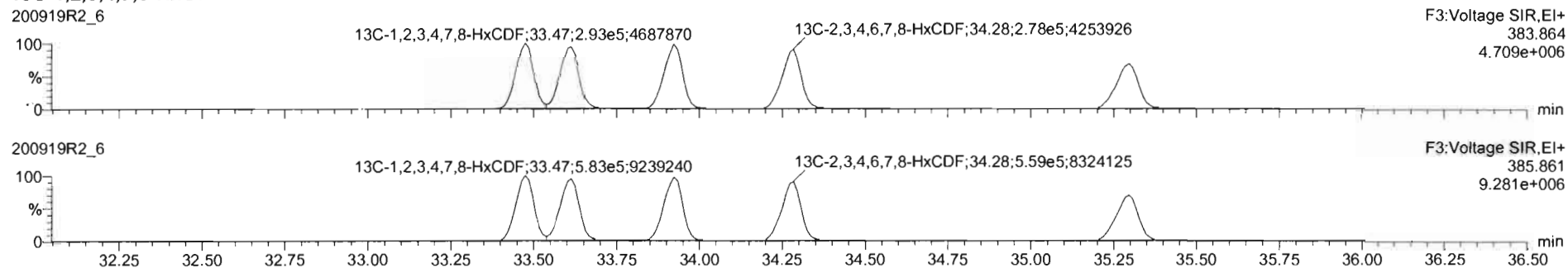
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Name: 200919R2_6, Date: 19-Sep-2020, Time: 17:21:13, ID: ST200919R2_6 1613 CS3 20F1105, Description: 1613 CS3 19L2305

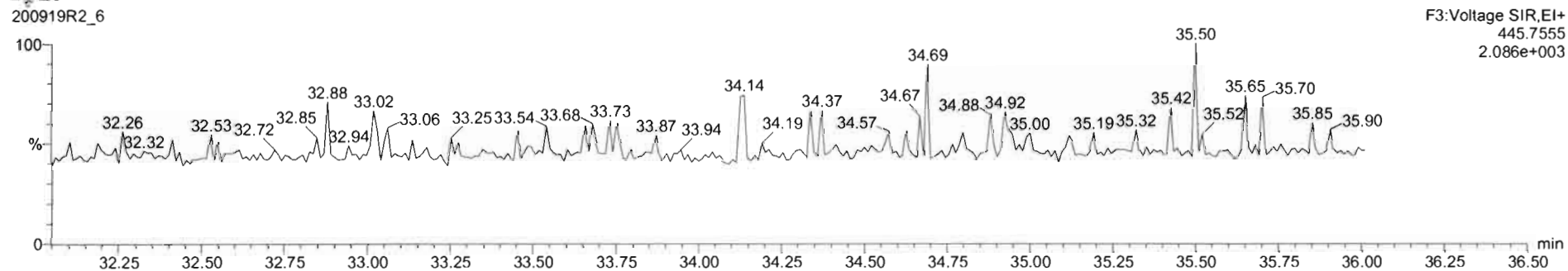
1,2,3,4,7,8-HxCDF



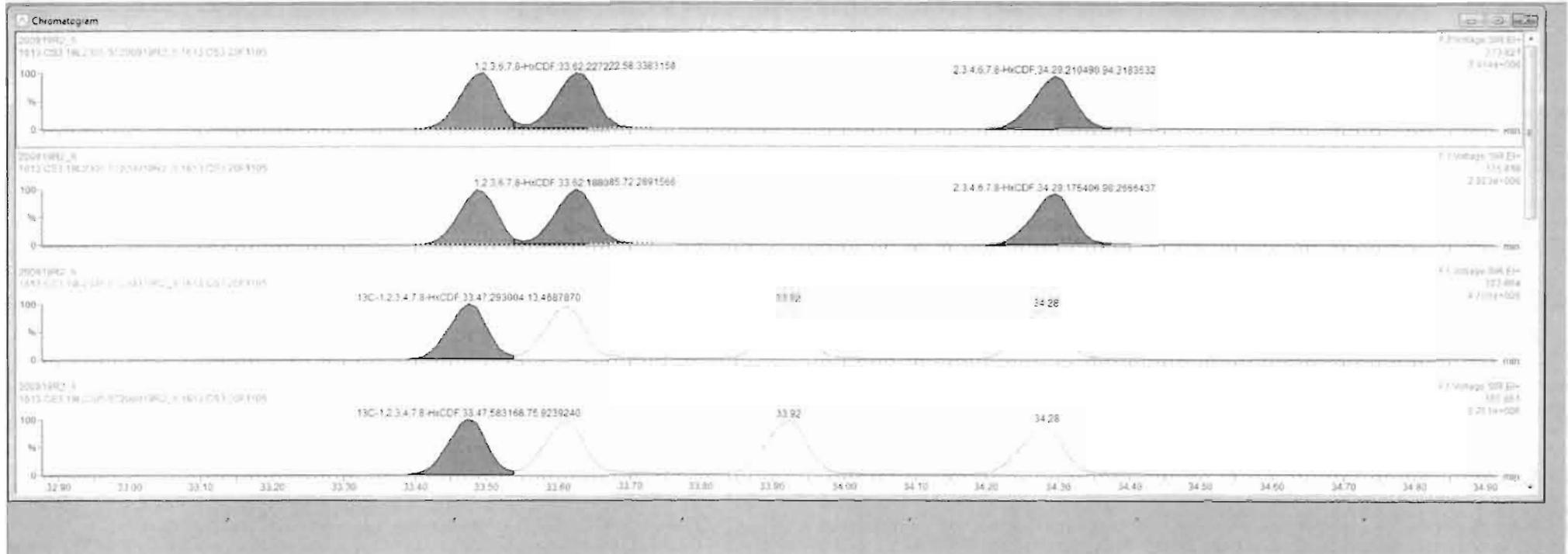
13C-1,2,3,4,7,8-HxCDF



DPE3



#	F	Name	RT	Rel	ym	Area	IS Area	Std. Conc.	%Dev.	%RSD	RDF M.	RDF SD
36	36	13C-1,2,3,4-TCDD	26.74	0.800	NO	1.0690e6	1.0690e6	100.000	0.0	0.000	1.00	0.000
37	37	13C-1,2,3,4-TCDF	24.31	0.789	NO	1.6717e6	1.6717e6	100.000	0.0	0.000	1.00	0.000
38	38	13C-1,2,3,4,8-HxCDF	33.92	0.500	NO	6.9446e5	6.9446e5	100.000	0.0	0.000	1.00	0.000
39	39	Total Tetra-Dioxins				1.2333e6		10.000		8.35	1.02	0.0640
40	40	Total Penta-Dioxins				1.9018e6		50.000		6.12	0.656	0.0596
41	41	Total Hexa-Dioxins				0.0000e0		30.000		0.09	0.888	0.0710
42	42	Total Hepta-Dioxins				6.2833e5		50.000		9.96	2.832	0.0600
43	43	Total Tetra-Furans				1.7041e6		10.000		11.0	0.735	0.0832
44	44	1st Func. Penta-Furans				0.0000e0		50.000		8.98	0.939	0.0756
45	45	Total Penta-Furans				0.0000e0		50.000		0.06	0.939	0.0756
46	46	Total Hexa-Furans				0.0000e0		50.000		10.8	0.870	0.0930
47	47	Total Hepta-Furans				0.0000e0		50.000		11.8	0.891	0.1031
48	48	201 PPK1						x 100				



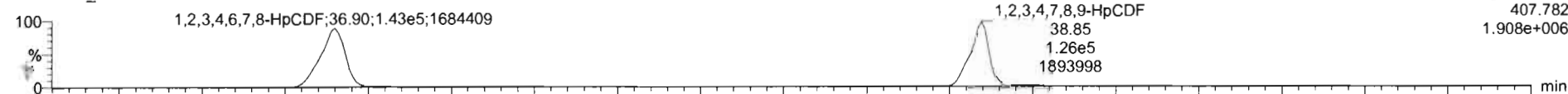
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

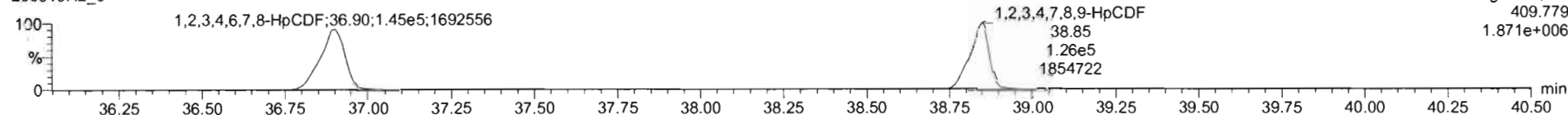
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1,2,3,4,6,7,8-HpCDF

200919R2_6

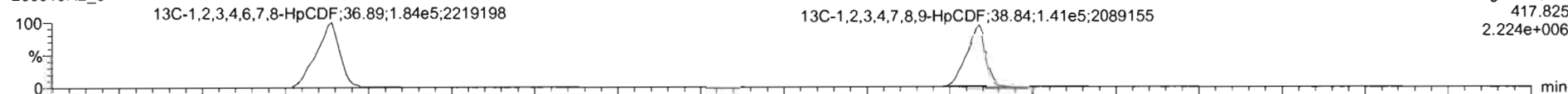


200919R2_6

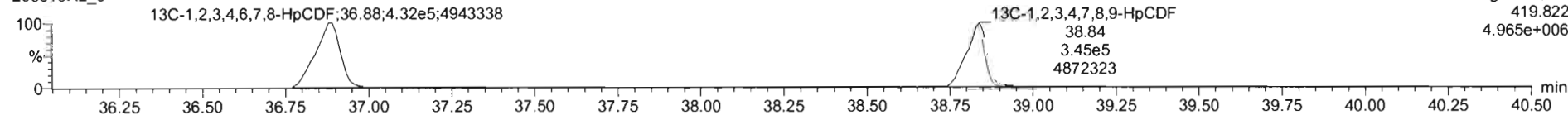


13C-1,2,3,4,6,7,8-HpCDF

200919R2_6

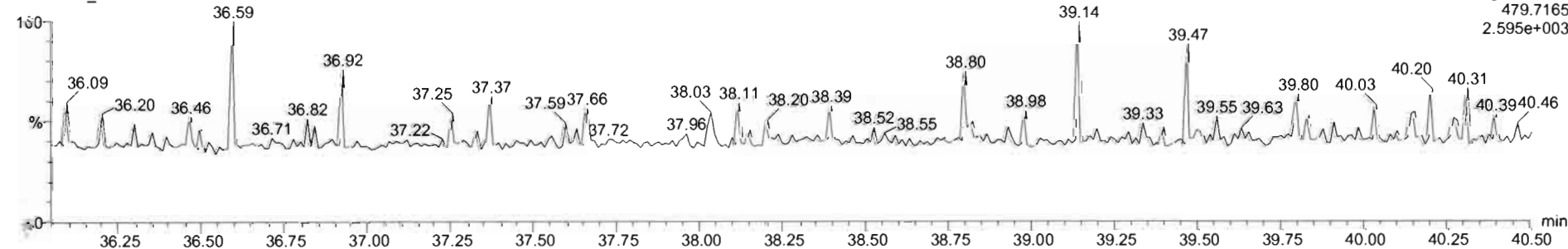


200919R2_6



DPE4

200919R2_6

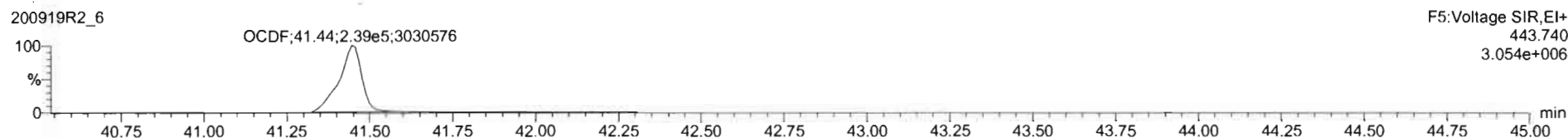


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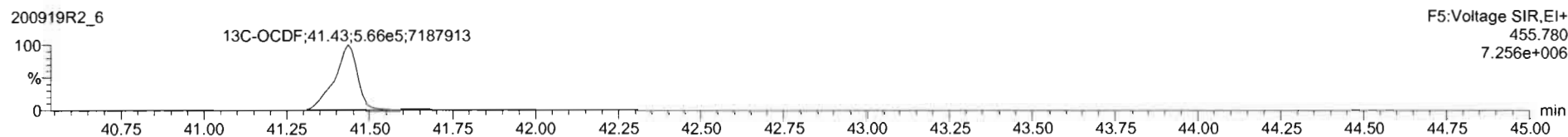
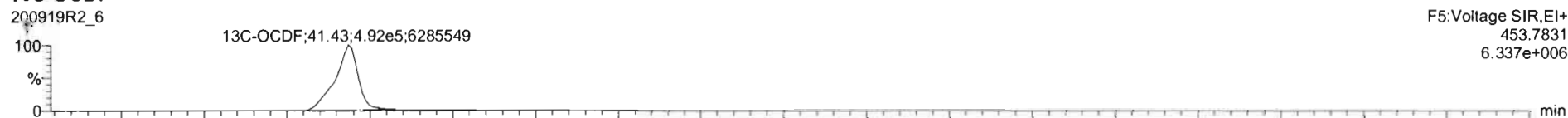
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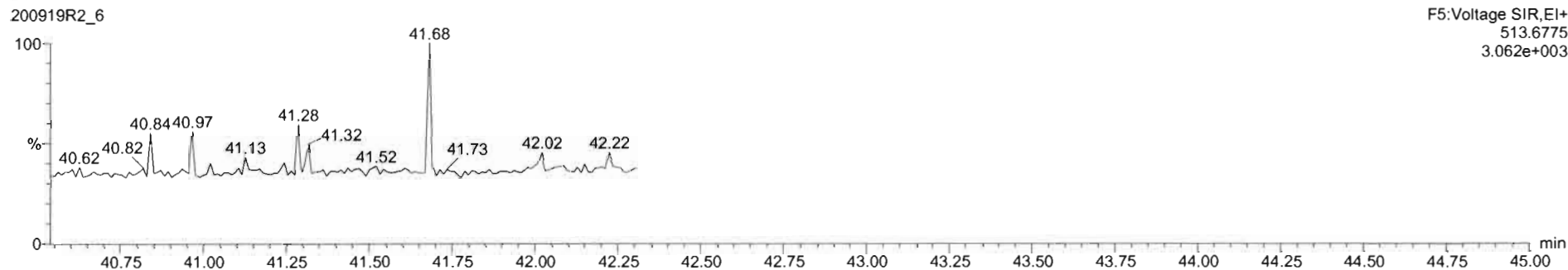
OCDF



13C-OCDF



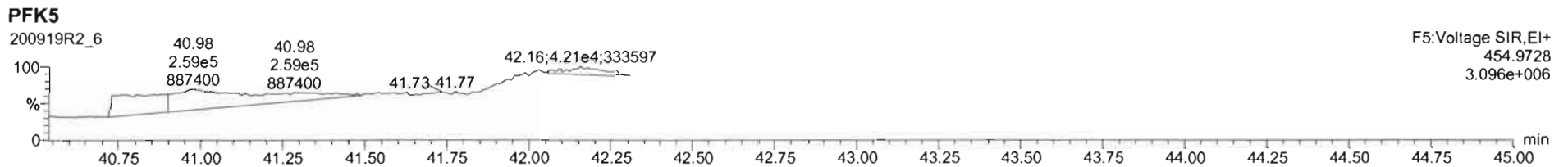
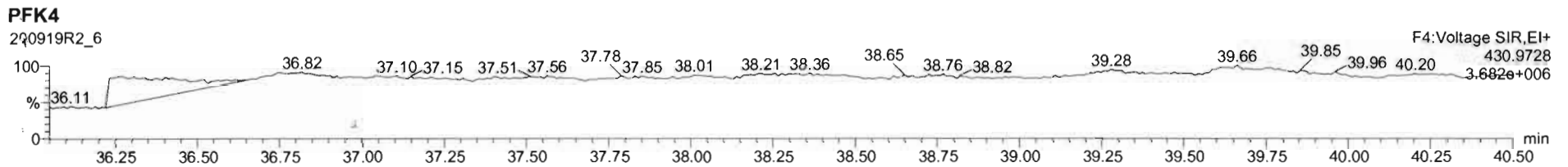
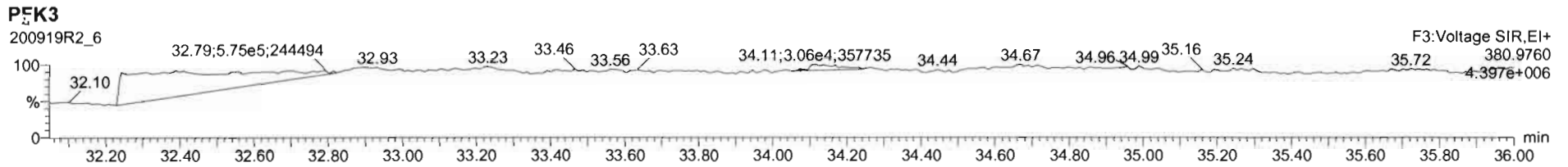
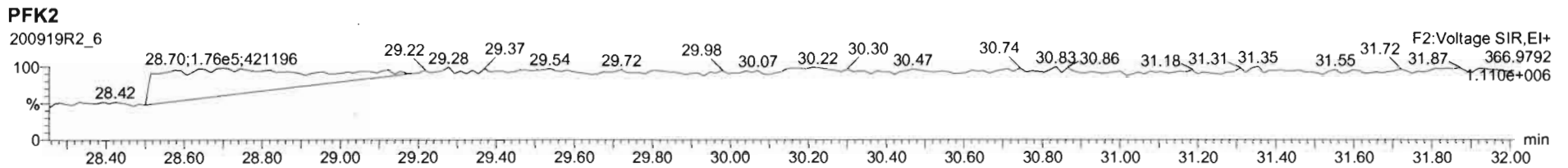
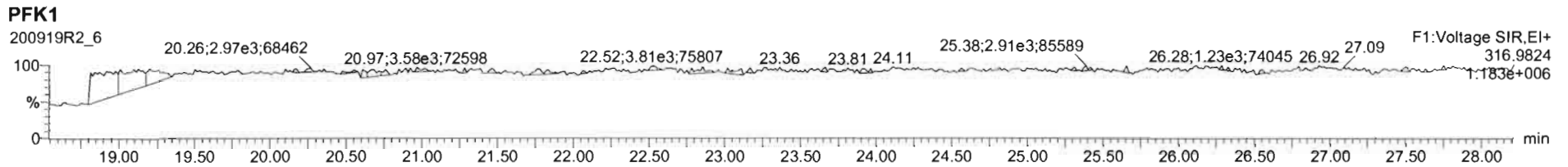
DPE5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

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Name: 200919R2_6, Date: 19-Sep-2020, Time: 17:21:13, ID: ST200919R2_6 1613 CS3 20F1105, Description: 1613 CS3 19L2305



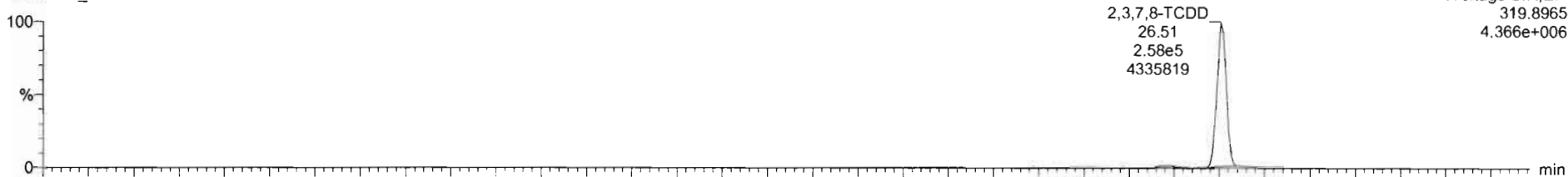
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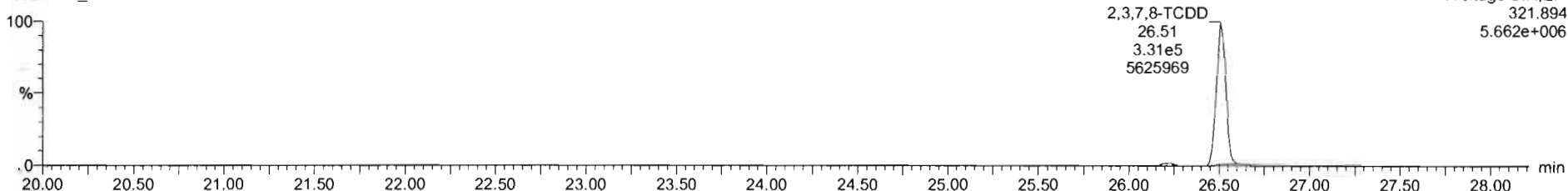
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2,3,7,8-TCDD

200919R2_4



200919R2_4

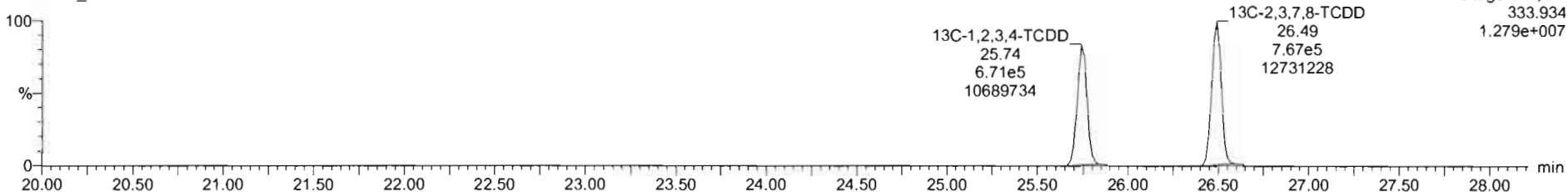


13C-2,3,7,8-TCDD

200919R2_4

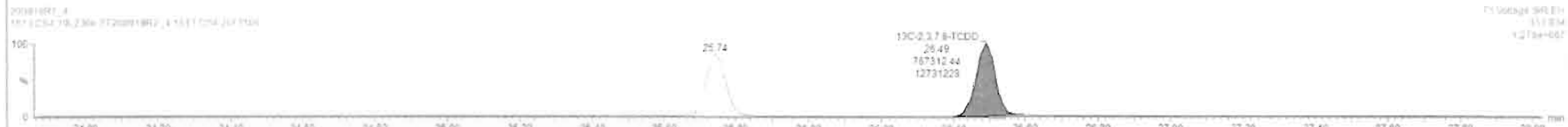


200919R2_4



200919R2_4 - ST200919R2_4 1613 CS4 20F1106 - 1613 CS4 - 162306

#	Name	RT	Ra	Yth	Area	IS Area	Std. Conc	%Dev	NRSD	RRF M	RRF SD
1	2,3,7,8-TCDD	26.51	0.776	NO	5.9925e5	1.0749e5	40.000	7.3	8.30	1.00	0.0643
2	1,2,3,7,8-PeCDD	31.11	0.626	NO	2.1972e5	1.0932e5	200.000	3.1	6.15	0.860	0.0594
3	1,2,3,4,7,8-HxCDD	34.41	1.221	NO	1.8199e5	7.8596e5	200.000	4.3	8.50	0.593	0.0585
4	1,2,3,6,7,8-HxCDD	34.54	1.236	NO	1.7715e5	8.8554e5	200.000	12.4	7.93	0.865	0.0710
5	1,2,3,7,8,9-HxCDD	34.82	1.217	NO	1.7135e5	8.7159e5	200.000	8.1	8.29	0.908	0.0499
6	1,2,3,4,6,7,8-HpCDD	35.23	1.059	NO	1.2745e5	7.1937e5	200.000	6.9	9.78	0.630	0.0510
7	OCDD	41.16	0.875	NO	2.8943e5	1.1403e5	400.000	9.5	7.78	0.860	0.0571
8	2,3,7,8-TCDF	25.85	0.734	NO	8.1595e5	1.8802e5	40.000	10.7	11.8	0.737	0.0303
9	1,2,3,7,8-PeCDF	29.87	1.548	NO	3.1395e5	1.5758e5	200.000	6.0	6.15	0.840	0.0786
10	1,2,3,4,7,8-PeCDF	30.91	1.533	NO	3.3289e5	1.4759e5	200.000	7.2	3.01	1.05	0.0543
11	1,2,3,4,7,8-HxCDF	33.51	1.186	NO	1.7487e5	5.7452e5	200.000	7.7	10.4	0.832	0.0570
12	1,2,3,6,7,8-HxCDF	33.83	1.187	NO	1.9236e5	3.7799e5	200.000	9.9	9.36	0.903	0.0548
13	1,2,3,4,6,7,8-HpCDF	34.31	1.180	NO	1.7889e5	3.2482e5	200.000	11.0	11.0	0.872	0.0563
14	1,2,3,7,8,9-HxCDF	35.32	1.188	NO	1.5079e5	3.3340e5	200.000	9.7	9.35	0.898	0.0540



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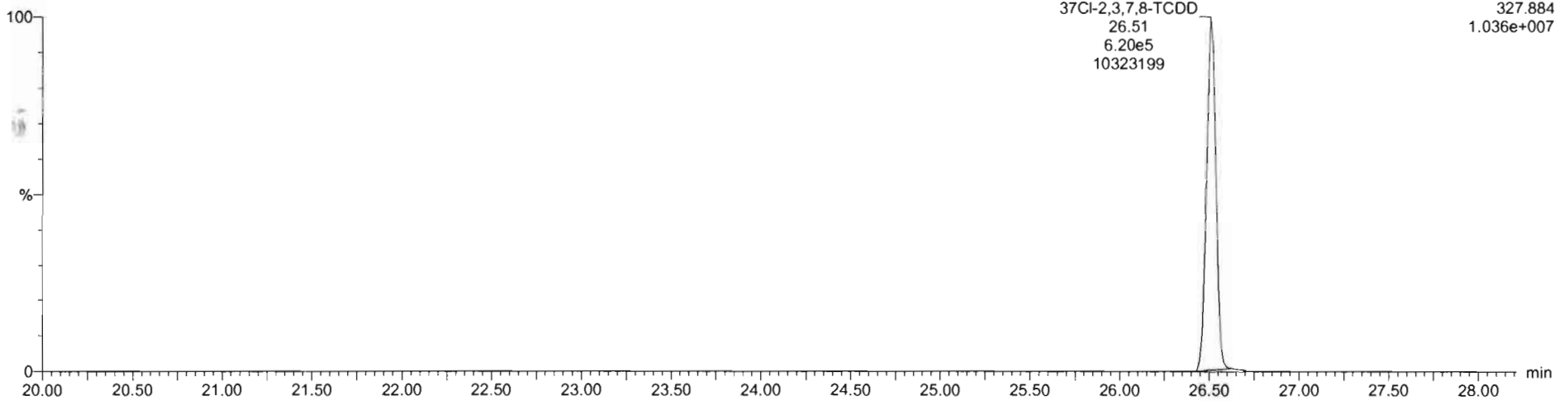
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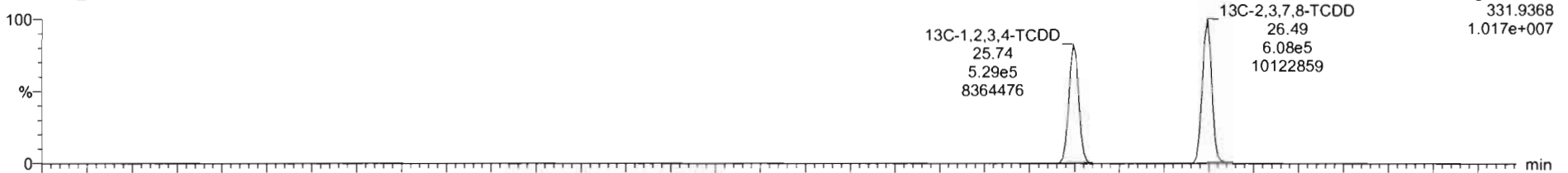
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200919R2_4

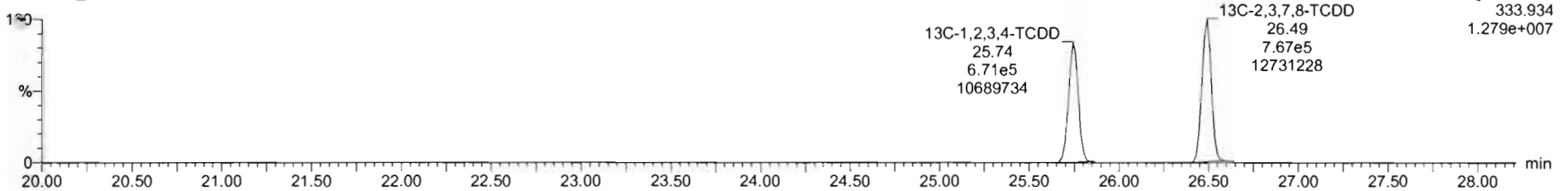


13C-1,2,3,4-TCDD

200919R2_4



200919R2_4



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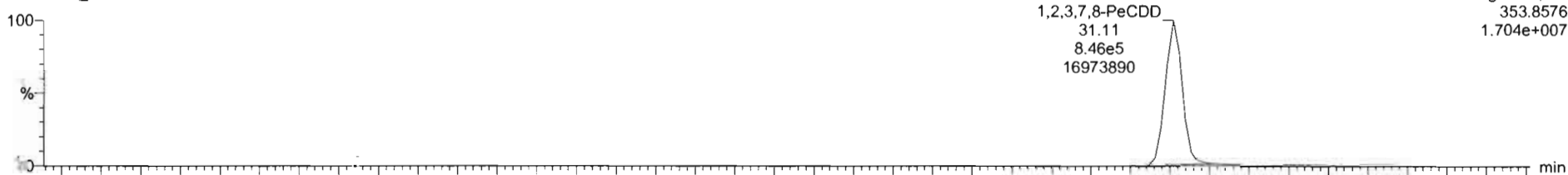
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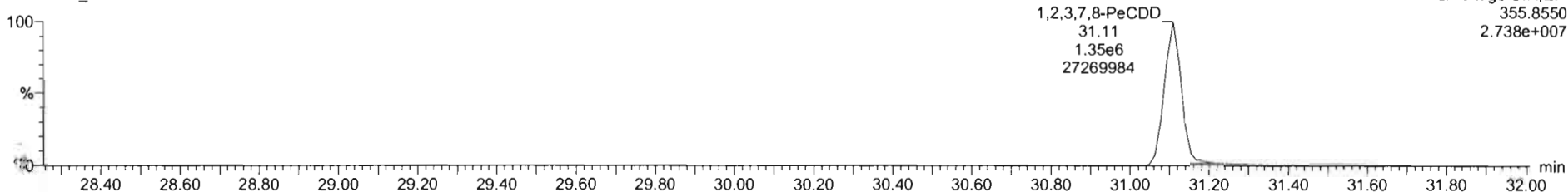
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1,2,3,7,8-PeCDD

200919R2_4

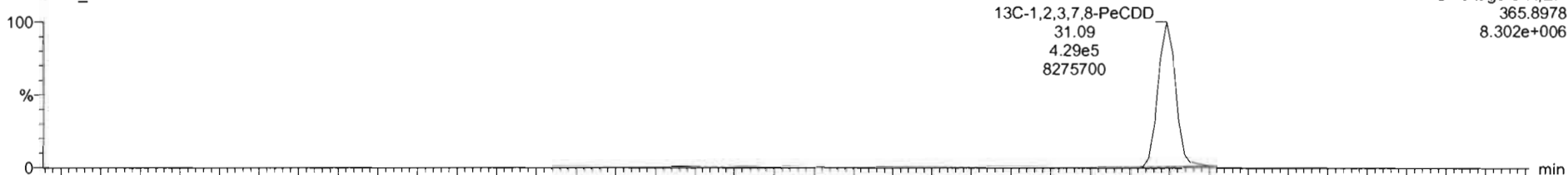


200919R2_4

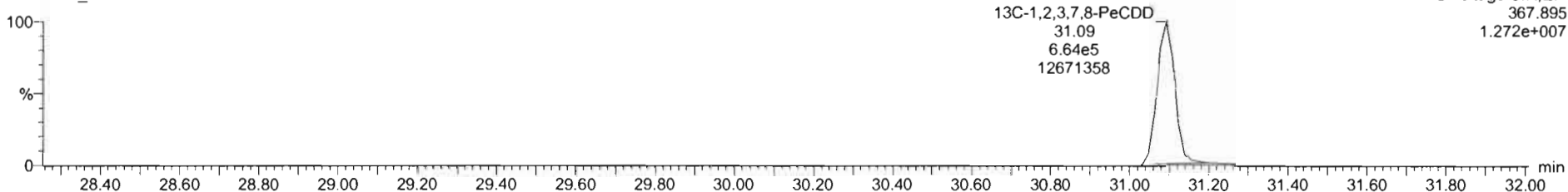


13C-1,2,3,7,8-PeCDD

200919R2_4



200919R2_4



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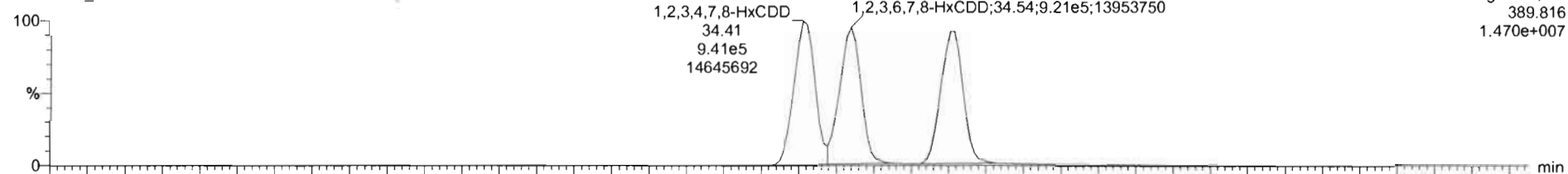
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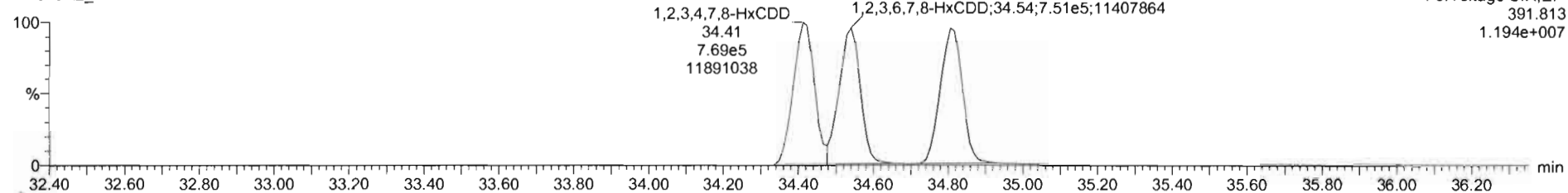
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1,2,3,4,7,8-HxCDD

200919R2_4

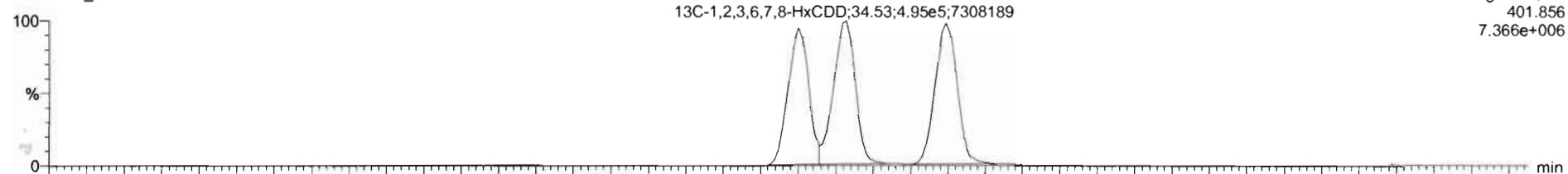


200919R2_4

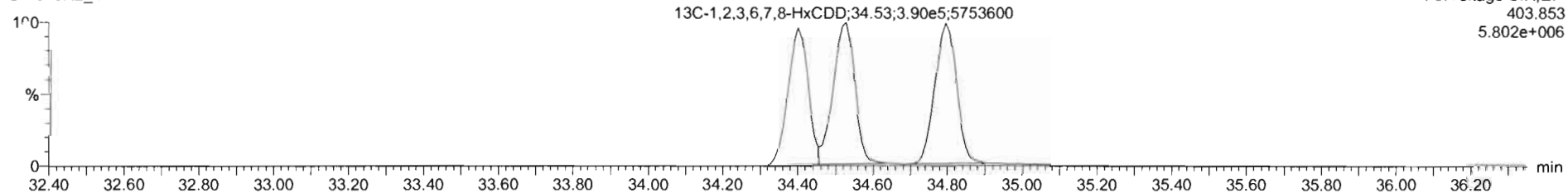


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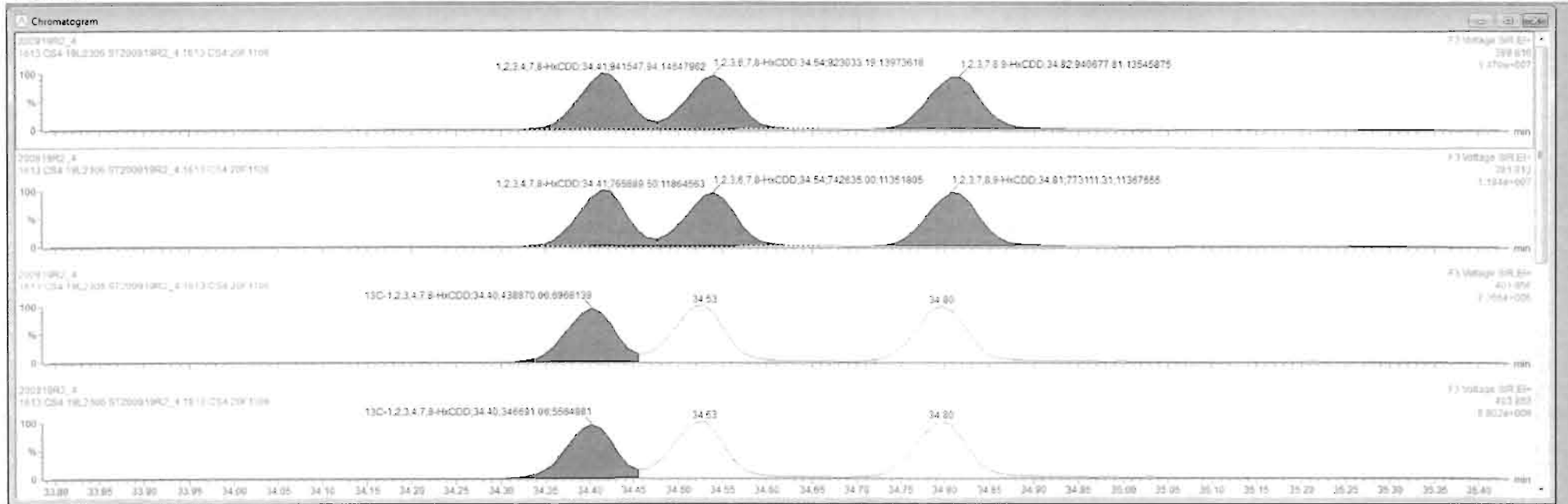
200919R2_4



200919R2_4



#	Name	RT	RA	Yn	Area	IS Area	Std. Cond.	%Dev.	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	26.74	0.789	NO	1.2000e8	1.2000e8	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.785	NO	1.8851e8	1.8851e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.93	0.604	NO	9.8133e5	9.8133e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3749e8	1.3749e8	46.000		8.35	1.52	0.0648
40	Total Penta-Dioxins				1.9932e8	1.9932e8	200.000		6.13	0.956	0.0686
41	Total Hexa-Dioxins				0.0000e0	0.0000e0	200.000		8.09	0.806	0.0718
42	Total Hepta-Dioxins				7.2316e5	7.2316e5	200.000		9.96	0.820	0.0620
43	Total Tetra-Furans				1.6802e8	1.6802e8	40.000		11.3	0.730	0.0630
44	1st Func. Penta-Furans				0.0000e0	0.0000e0	200.000		8.06	0.938	0.0756
45	Total Penta-Furans				0.0000e0	0.0000e0	200.000		3.06	0.929	0.0756
46	Total Hexa-Furans				0.0000e0	0.0000e0	200.000		10.8	0.870	0.0930
47	Total Hepta-Furans				0.0000e0	0.0000e0	200.000		11.6	0.691	0.133
48	Blank						1.000				



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

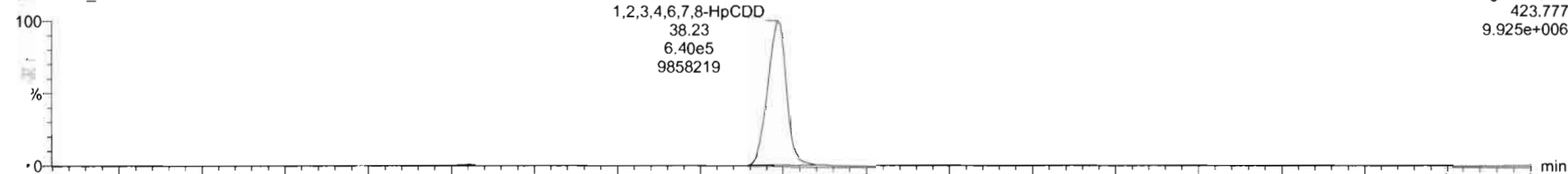
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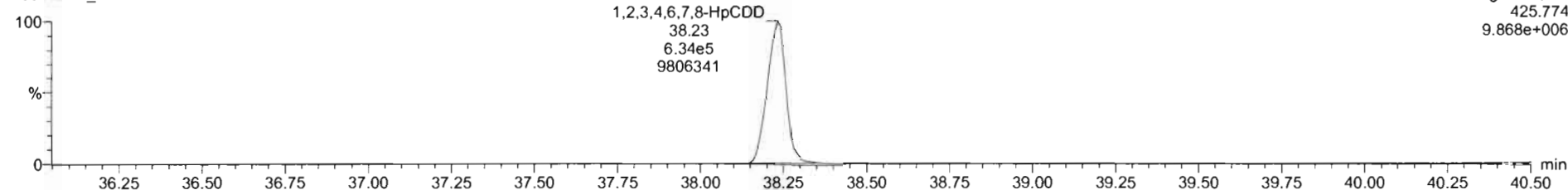
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1,2,3,4,6,7,8-HpCDD

200919R2_4

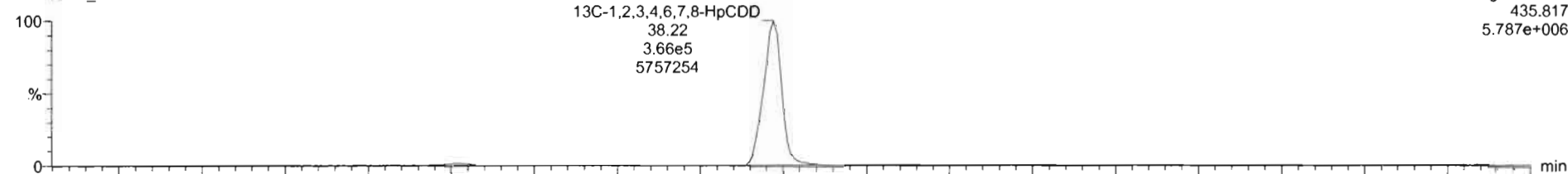


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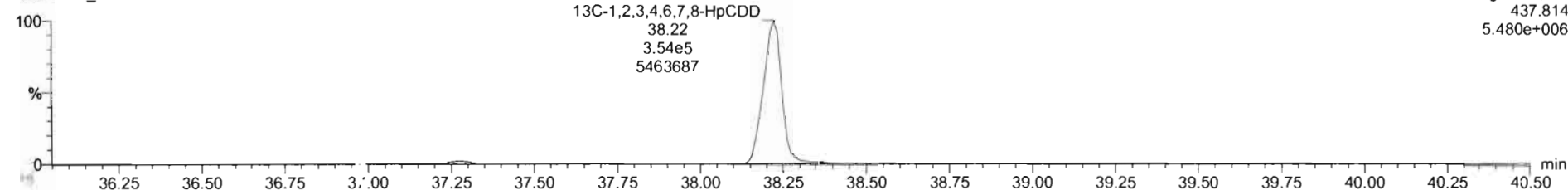


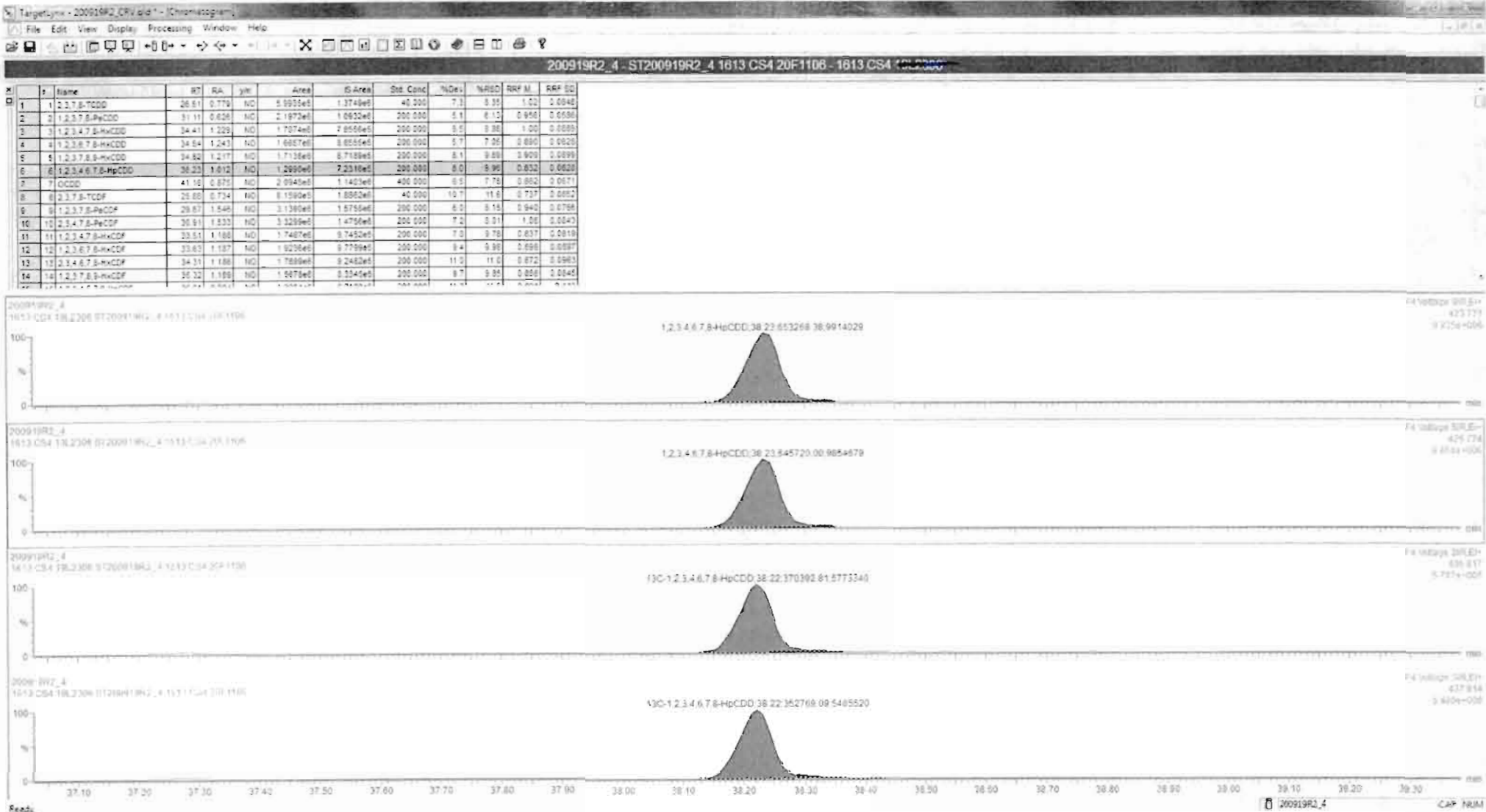
13C-1,2,3,4,6,7,8-HpCDD

200919R2_4



200919R2_4





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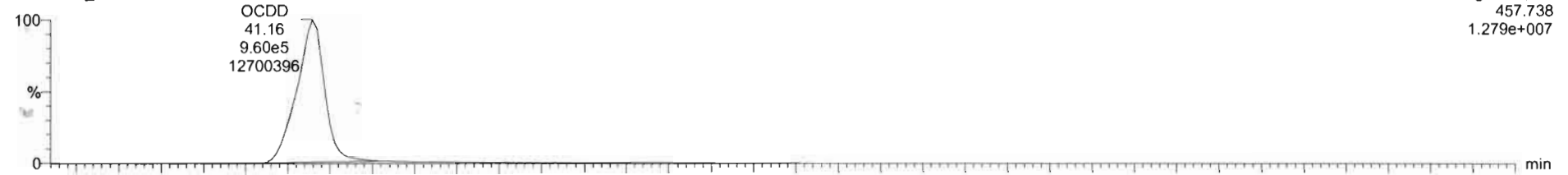
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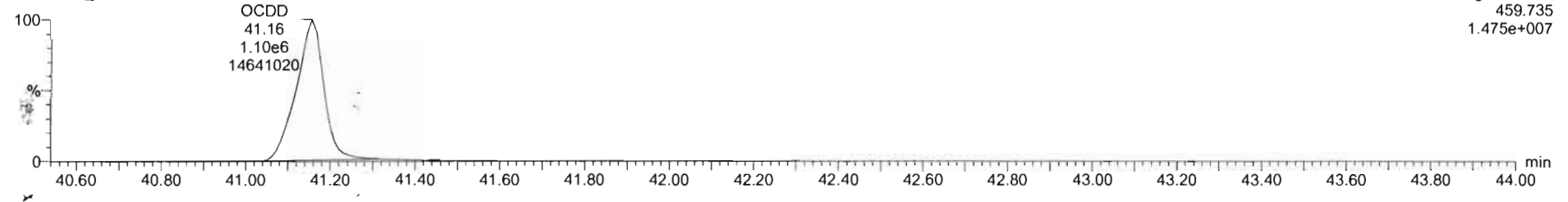
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OCDD

200919R2_4

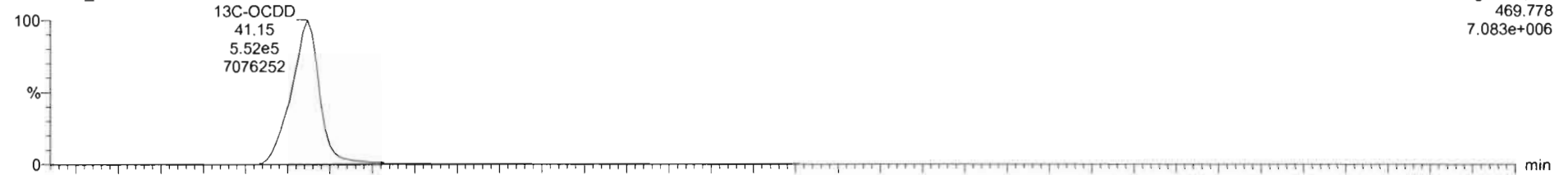


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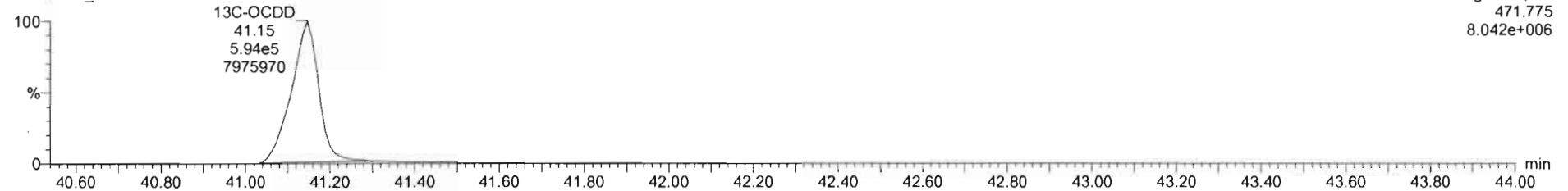


13C-OCDD

200919R2_4

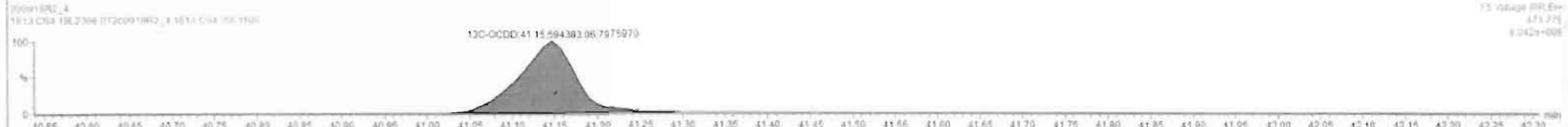


200919R2_4



200919R2_4 - ST200919R2_4 1613 CS4 20F1106 - 1613 CS4 10I.D.MVA

#	Name	RT	RA	Yin	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.81	0.779	NO	5.9938e5	1.3749e6	40.000	7.3	8.35	1.02	0.0546
2	1,2,3,7,8-PeCDD	31.11	0.626	NO	2.1973e6	1.0852e6	200.000	8.1	6.13	0.959	0.0586
3	1,2,3,4,7,8-HxCDD	34.41	1.229	NO	1.7074e6	7.0556e6	200.000	8.9	9.88	1.00	0.0689
4	1,2,3,6,7,8-HxCDD	34.64	1.243	NO	1.6657e6	8.8058e6	200.000	5.7	7.06	0.893	0.0620
5	1,2,3,7,8,9-HxCDD	34.82	1.217	NO	1.7135e6	8.7139e6	200.000	8.1	9.88	0.909	0.0599
6	1,2,3,4,6,7,8-HpCDD	38.23	1.012	NO	1.2995e6	7.2216e6	200.000	8.0	9.90	0.832	0.0626
7	OCDD	41.18	0.678	NO	2.0845e6	1.1403e6	400.000	6.5	7.78	0.862	0.0671
8	2,3,7,8-TCDF	26.85	0.734	NO	6.1890e5	1.6862e6	40.000	10.7	11.6	0.737	0.0652
9	1,2,3,7,8-PeCDF	29.87	1.548	NO	3.1399e6	1.8758e6	200.000	6.0	8.10	0.940	0.0798
10	2,3,4,7,8-PeCDF	30.81	1.633	NO	3.3289e6	1.4756e6	200.000	7.2	9.21	1.08	0.0843
11	1,2,3,4,7,8-HxCDF	33.51	1.188	NO	1.7467e6	8.7452e6	200.000	7.0	9.78	0.837	0.0818
12	1,2,3,6,7,8-HxCDF	33.63	1.187	NO	1.9239e6	8.7739e6	200.000	9.4	9.98	0.889	0.0837
13	2,3,4,6,7,8-HxCDF	34.21	1.186	NO	1.7699e6	9.2482e6	200.000	11.0	11.0	0.872	0.0963
14	1,2,3,7,8,9-HxCDF	35.32	1.189	NO	1.5879e6	8.3342e6	200.000	9.7	9.85	0.858	0.0845



Reax. 200919R2_4 CAP NUM

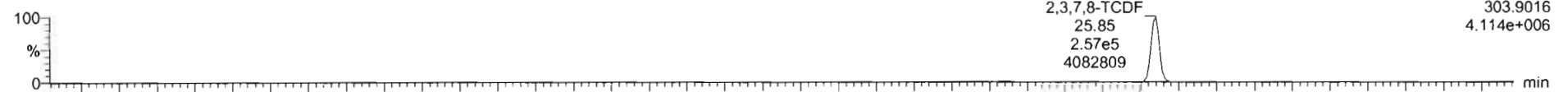
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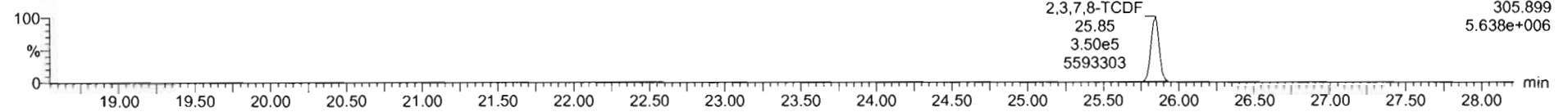
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2,3,7,8-TCDF

200919R2_4

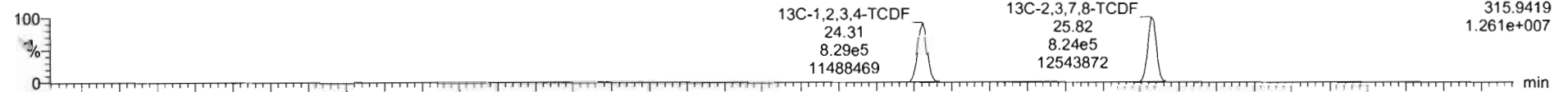


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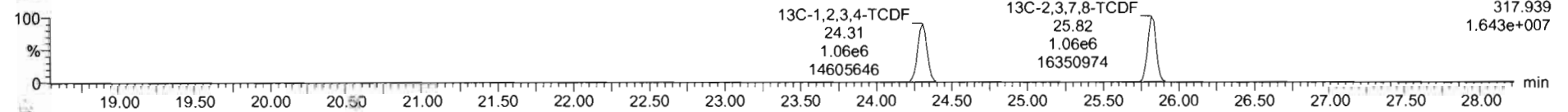


13C-2,3,7,8-TCDF

200919R2_4

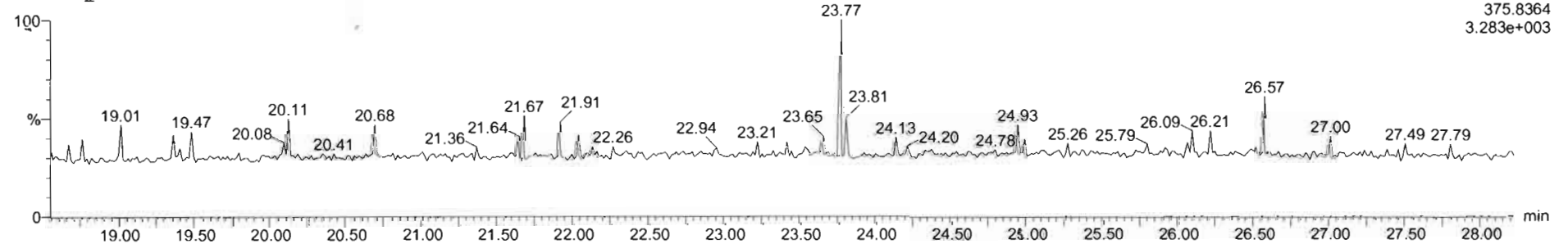


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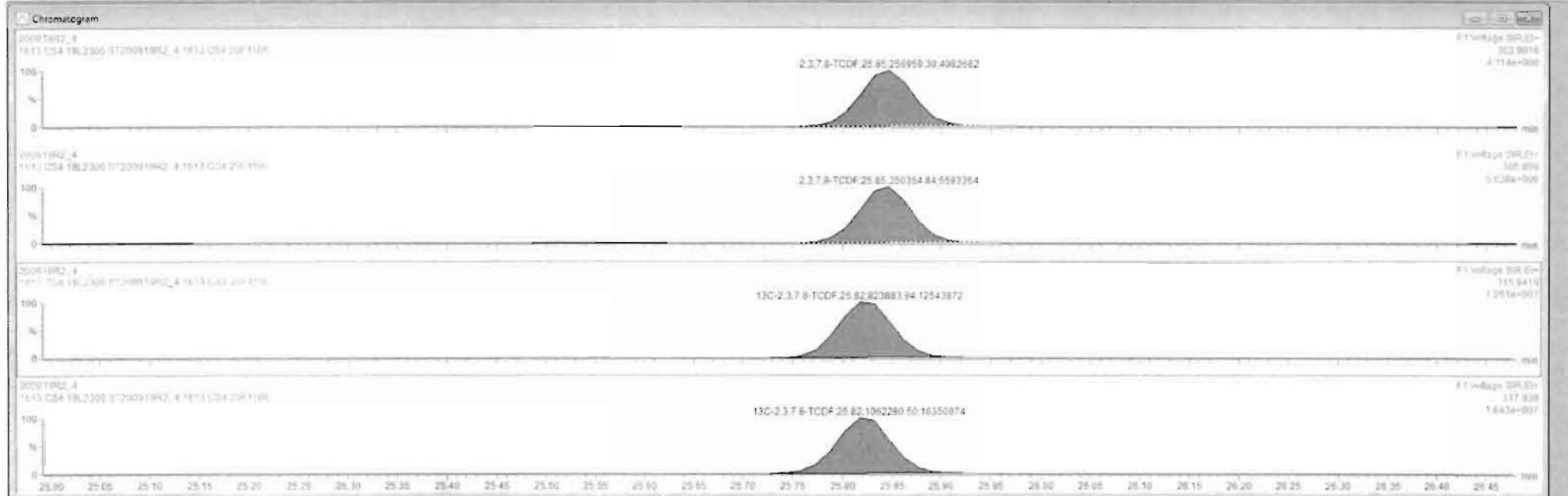


DPE1

200919R2_4



#	Name	RT	RA	Y/N	Area	ID Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	24.74	0.759	NO	1.2000e8	1.2000e8	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.755	NO	1.6051e8	1.6051e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.93	0.504	NO	9.6133e5	9.6133e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3749e6		40.000		0.35	1.02	0.00e0
40	Total Penta-Dioxins				1.6932e6		200.000		6.12	0.956	0.0596
41	Total Hexa-Dioxins				0.0000e0		200.000		0.09	0.008	0.0718
42	Total Hepta-Dioxins				7.2316e5		200.000		0.96	0.002	0.0020
43	Total Tetra-Furans				1.8902e6		40.000		11.3	0.735	0.0630
44	1st Func. Penta-Furans				0.0000e0		200.000		0.06	0.009	0.0796
45	Total Penta-Furans				0.0000e0		200.000		0.06	0.009	0.0796
46	Total Hexa-Furans				0.0000e0		200.000		10.8	0.070	0.0538
47	Total Hepta-Furans				0.0000e0		200.000		11.8	0.061	0.103
48	47 PFK1						1.000				



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

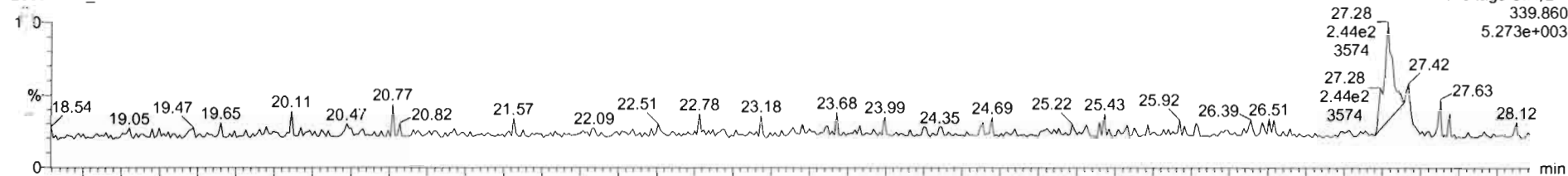
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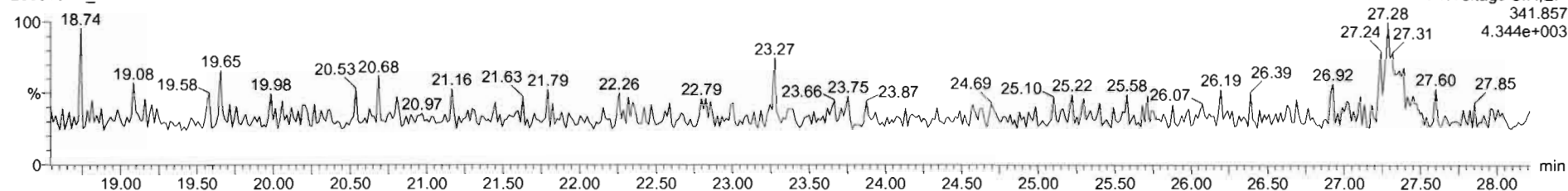
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1st Func. Penta-Furans

200919R2_4

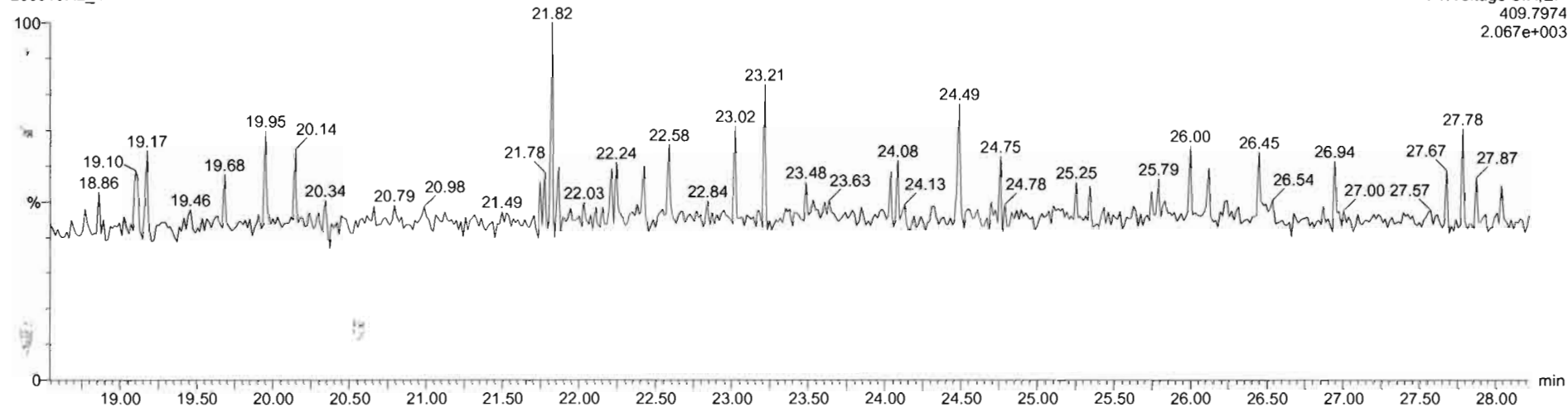


200919R2_4



DPE6

200919R2_4

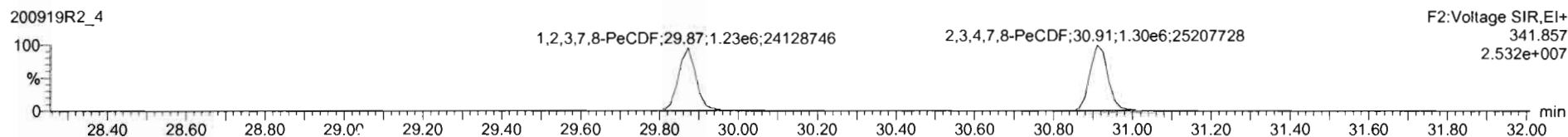
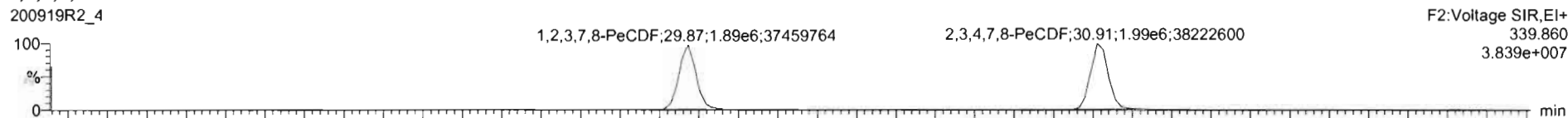


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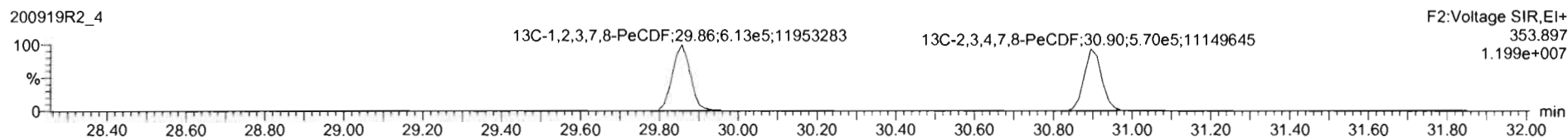
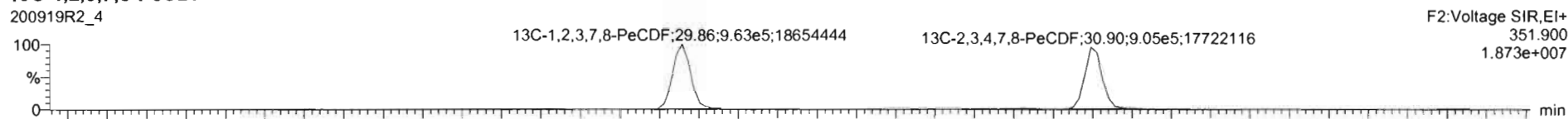
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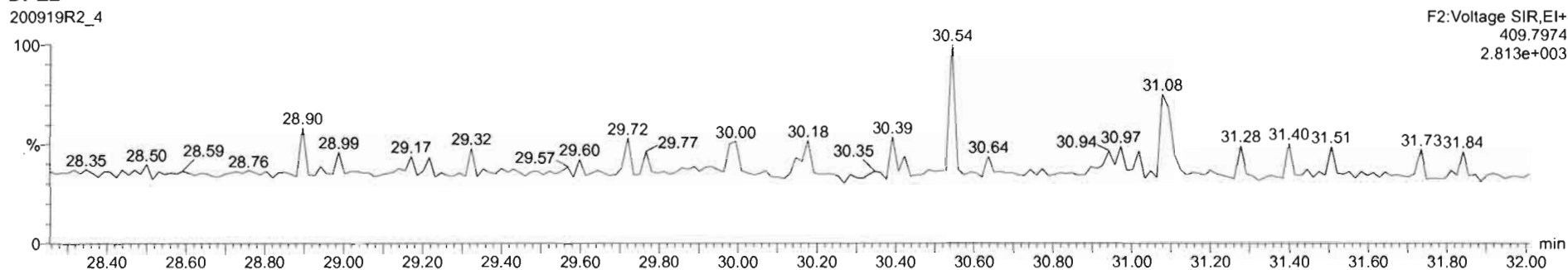
1,2,3,7,8-PeCDF



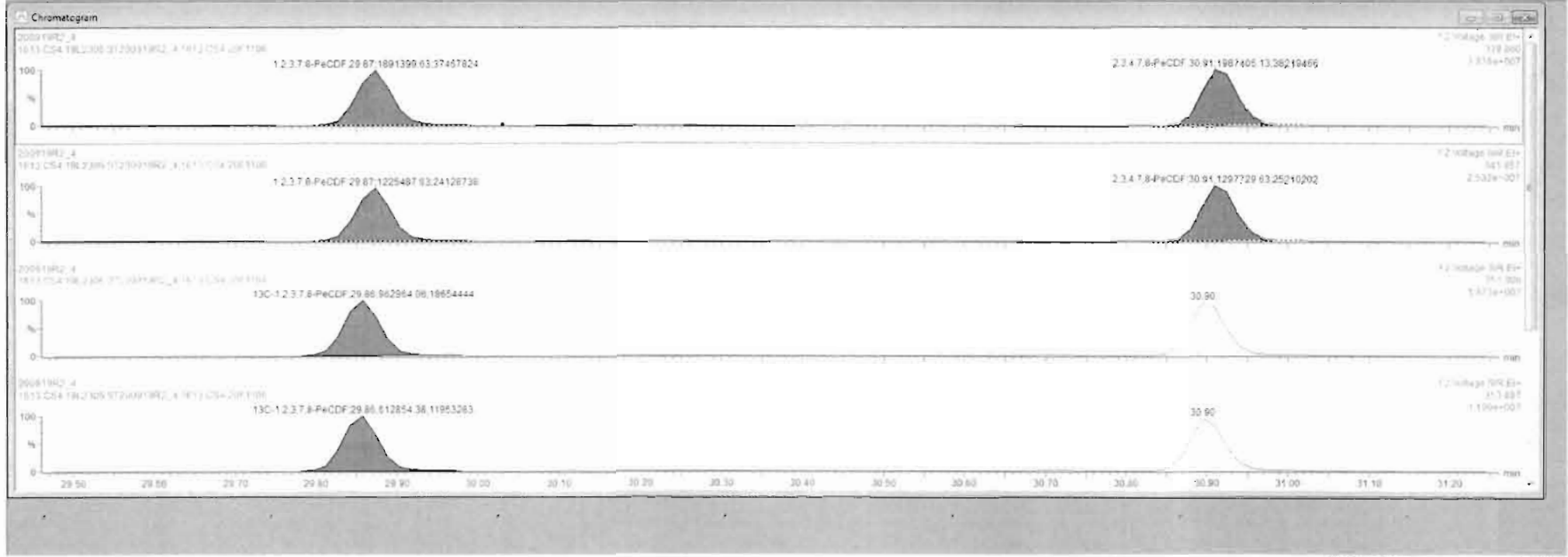
¹³C-1,2,3,7,8-PeCDF



DPE2



#	Name	RT	RA	y/n	Area	IS Area	Std. Conc	%Dev	NRSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDF	29.74	0.799	ND	1.2000e8	1.2000e8	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	29.31	0.795	ND	1.6951e8	1.6951e8	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6-PeCDF	30.93	0.804	ND	9.8133e5	9.8133e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3749e8	1.3749e8	40.000		0.36	1.02	0.0040
40	Total Penta-Dioxins				1.6932e8	1.6932e8	200.000		6.13	0.99	0.0698
41	Total Hexa-Dioxins				0.0030e0	0.0030e0	200.000		0.09	0.88	0.0718
42	Total Hepta-Dioxins				7.2316e5	7.2316e5	200.000		0.96	0.83	0.0029
43	Total Tetra-Furans				1.8862e6	1.8862e6	40.000		11.7	0.73	0.0812
44	1st Func. Penta-Furans				0.0030e0	0.0030e0	200.000		0.38	0.93	0.0756
45	Total Penta-Furans				0.0030e0	0.0030e0	200.000		0.00	0.93	0.0790
46	Total Hexa-Furans				0.0030e0	0.0030e0	200.000		10.8	0.87	0.0938
47	Total Hepta-Furans				0.0030e0	0.0030e0	200.000		11.8	0.81	0.103
48	2nd Func.						1.000				

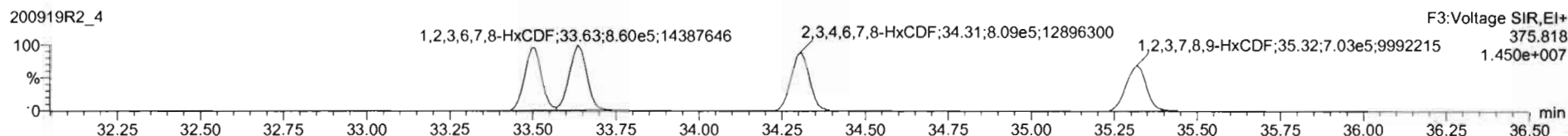
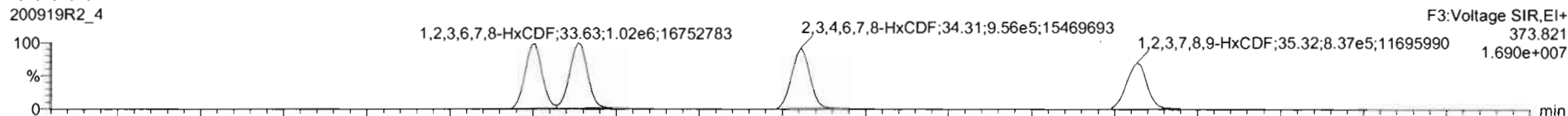


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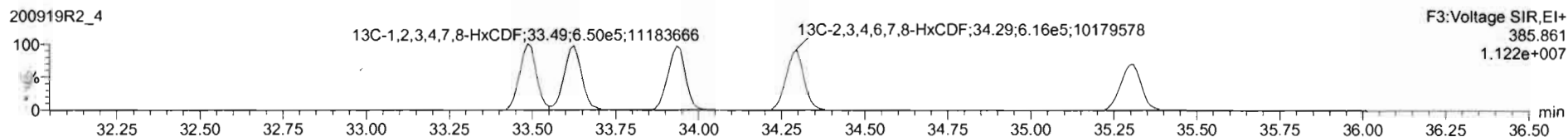
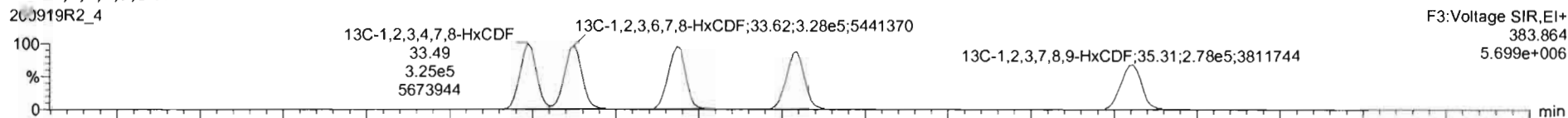
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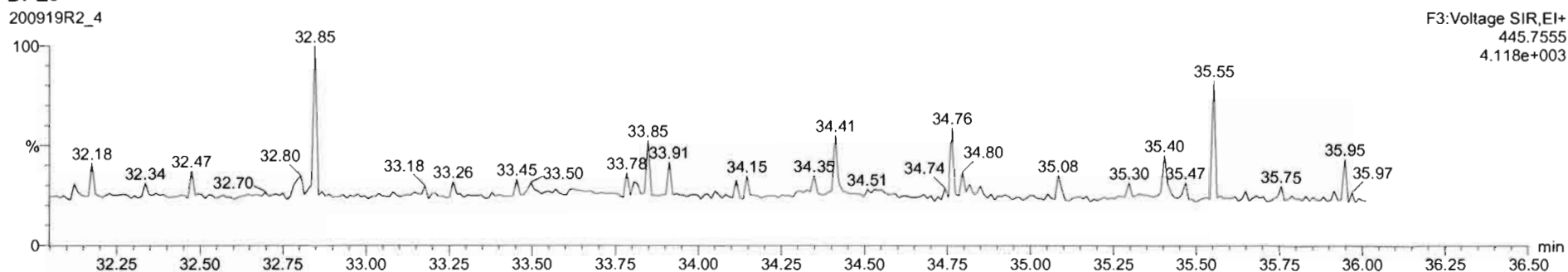
1,2,3,4,7,8-HxCDF



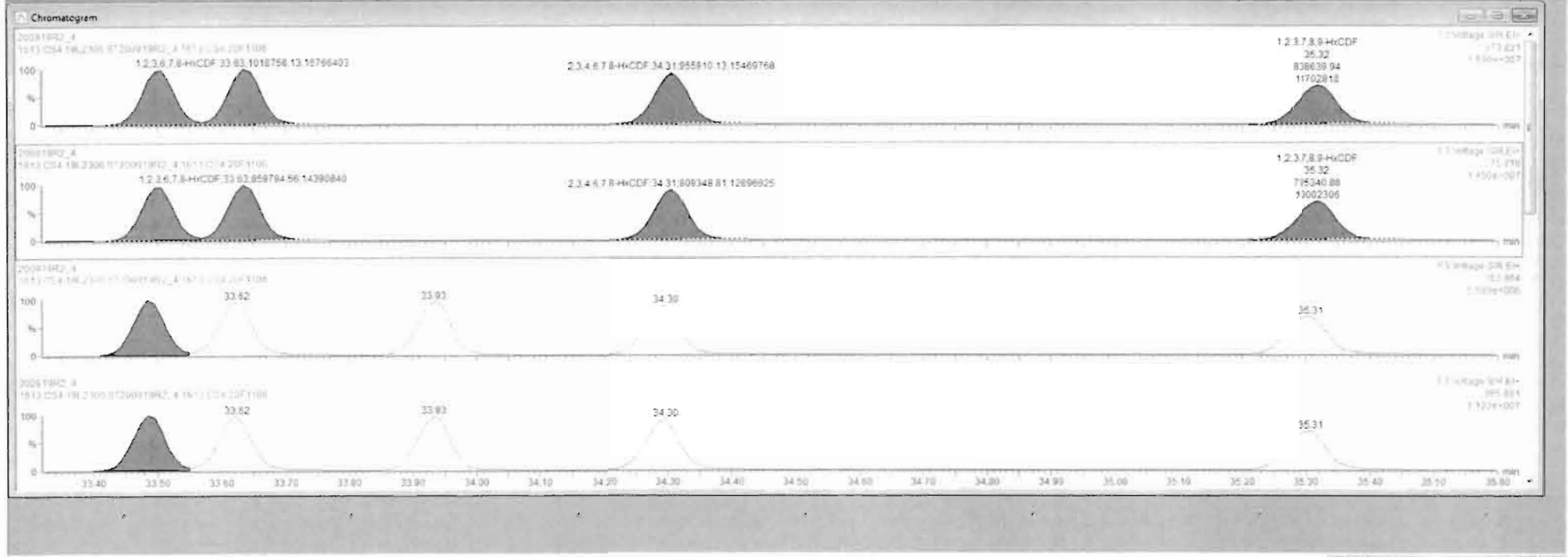
13C-1,2,3,4,7,8-HxCDF



DPE3



#	Name	RT	RA	YR	Area	IS Area	Exc Conc	%Dev	%RSD	RPF M	RPF SD
36	13C-1,2,3,4-TCDD	26.74	0.739	NO	1.200e6	1.200e6	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.780	NO	1.881e6	1.881e6	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6-HxCDF	33.93	0.504	NO	9.813e5	9.813e5	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.374e6		40.000		0.35	1.02	0.0648
40	Total Penta-Dioxins				1.093e6		200.000		0.13	0.959	0.0596
41	Total Hexa-Dioxins				5.000e0		200.000		0.09	0.808	0.0718
42	Total Hepta-Dioxins				7.231e5		200.000		9.99	0.832	0.0320
43	Total Tetra-Furans				1.880e6		40.000		11.0	0.735	0.0312
44	1st Func. Penta-Furans				0.000e0		200.000		0.06	0.939	0.0756
45	Total Penta-Furans				0.000e0		200.000		0.06	0.939	0.0756
46	Total Hexa-Furans				0.000e0		200.000		10.8	0.870	0.0930
47	Total Hepta-Furans				0.000e0		200.000		11.6	0.891	0.103
48	481 PPK1						1.000				



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

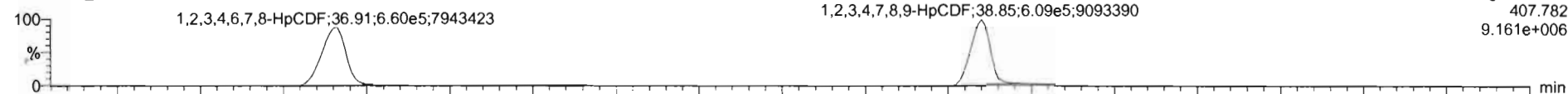
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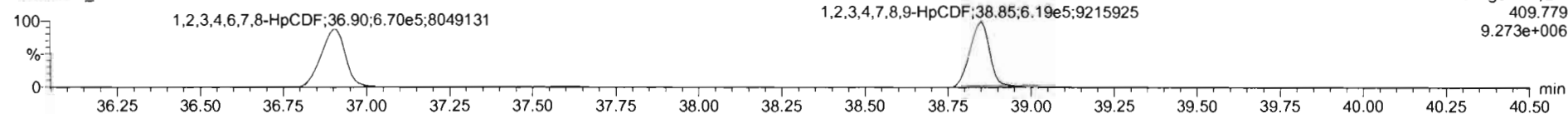
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1,2,3,4,6,7,8-HpCDF

200919R2_4

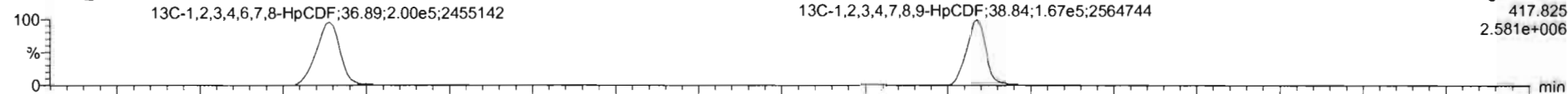


200919R2_4

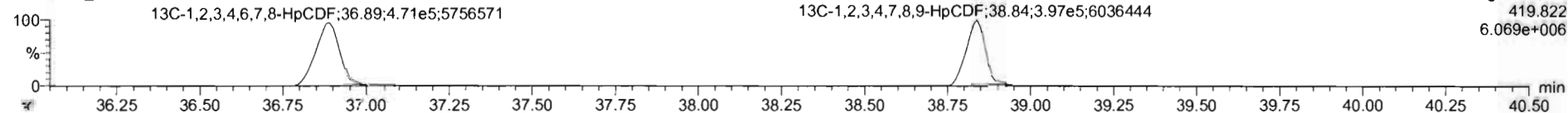


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200919R2_4

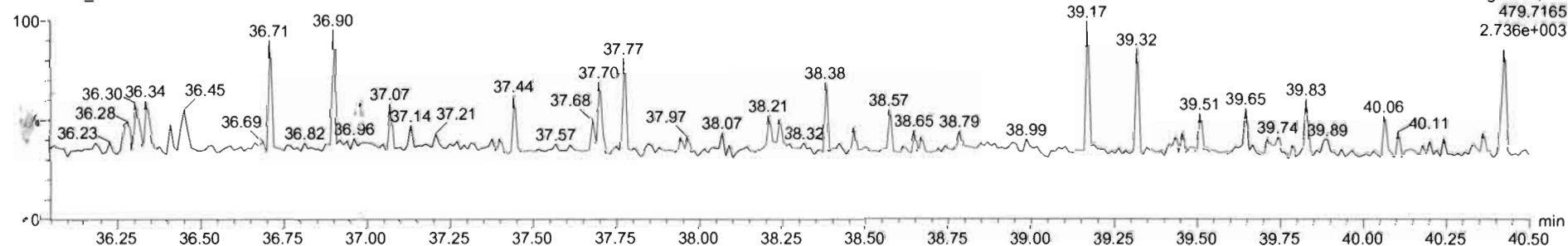


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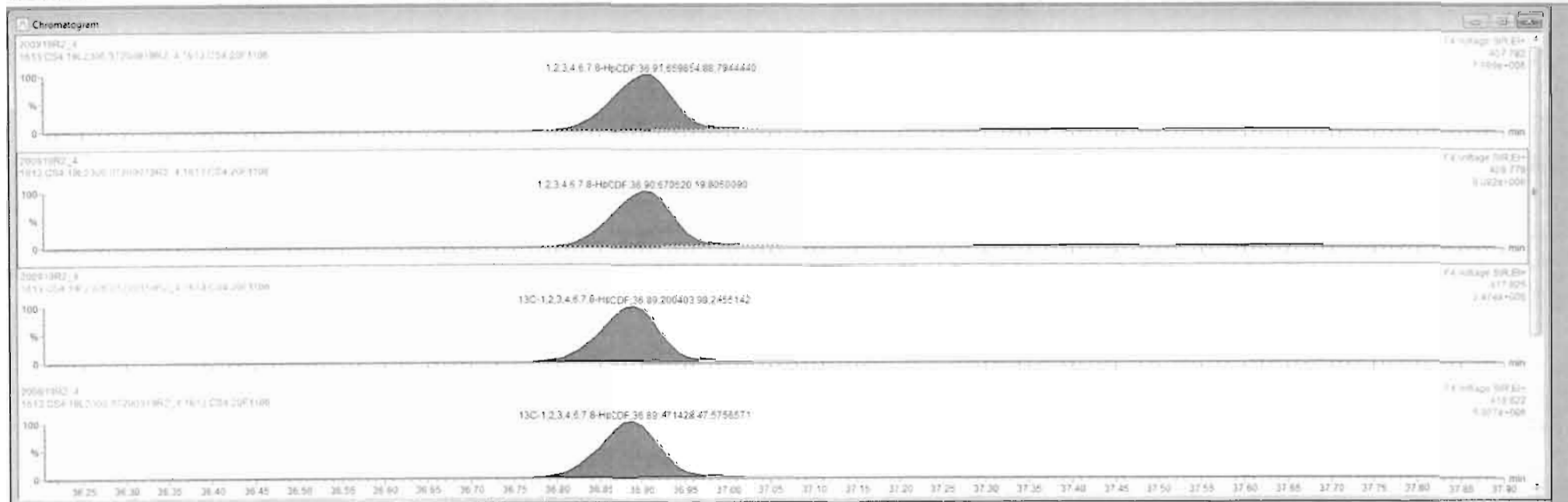


DPE4

200919R2_4



#	Name	RT	RA	ym	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
36	13C-1,2,3,4-TCDD	26.74	0.789	NO	1.2000e6	1.2000e6	100.000	0.0	0.000	1.00	0.000
37	13C-1,2,3,4-TCDF	24.31	0.785	NO	1.8851e6	1.8851e6	100.000	0.0	0.000	1.00	0.000
38	13C-1,2,3,4,6,8-HxCDF	33.93	0.504	NO	9.8133e6	9.8133e6	100.000	0.0	0.000	1.00	0.000
39	Total Tetra-Dioxins				1.3749e6		40.000		0.35	1.00	0.0040
40	Total Penta-Dioxins				1.0032e6		200.000		0.13	0.956	0.0036
41	Total Hexa-Dioxins				0.0000e0		200.000		0.29	0.856	0.0718
42	Total Hepta-Dioxins				7.2316e5		200.000		9.96	0.932	0.0020
43	Total Tetra-Furans				1.8862e6		40.000		11.0	0.735	0.0010
44	1st Func. Penta-Furans				0.0000e0		200.000		6.36	0.936	0.0756
45	Total Penta-Furans				0.0000e0		200.000		0.50	0.939	0.0750
46	Total Hexa-Furans				0.0000e0		200.000		10.8	0.870	0.0930
47	Total Hepta-Furans				0.0000e0		200.000		11.6	0.851	0.102
48	1st Fxnt						1.000				



Ready

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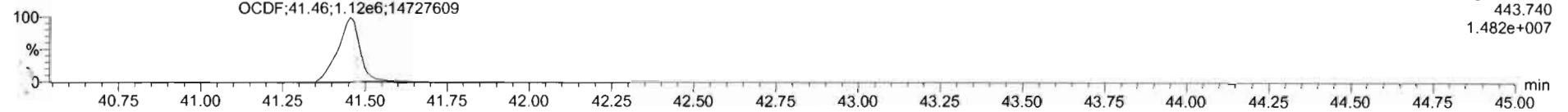
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OCDF

200919R2_4

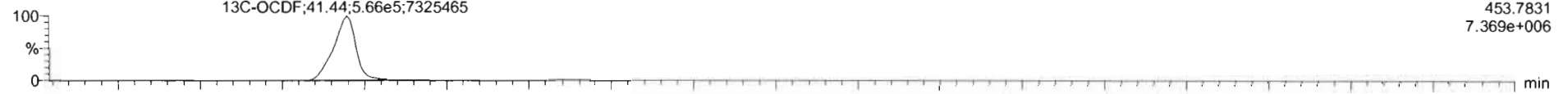


200919R2_4

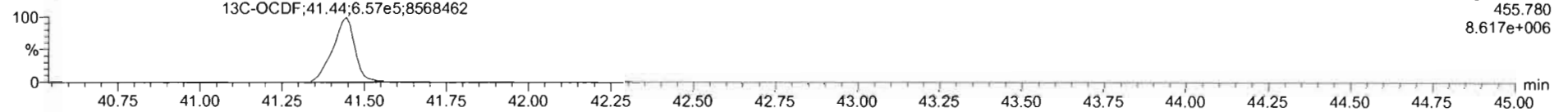


13C-OCDF

200919R2_4

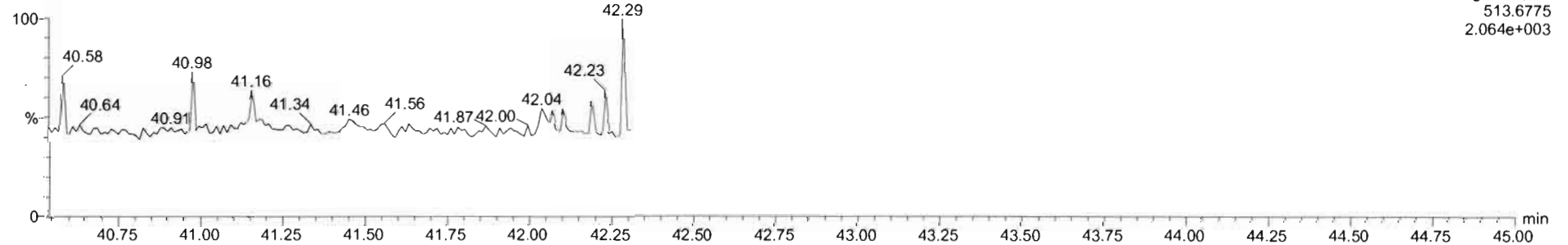


200919R2_4



DPE5

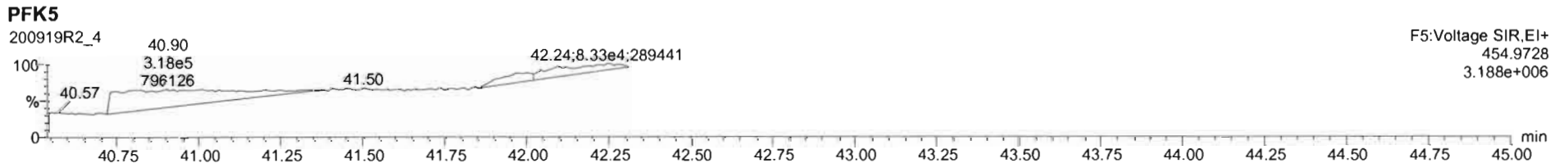
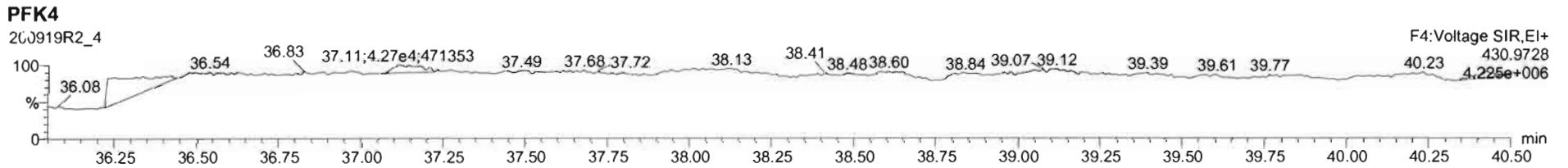
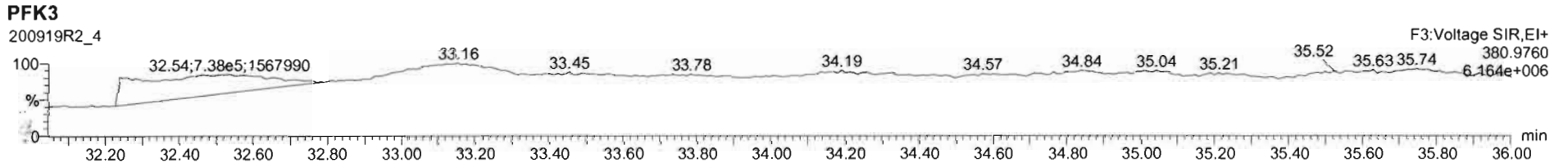
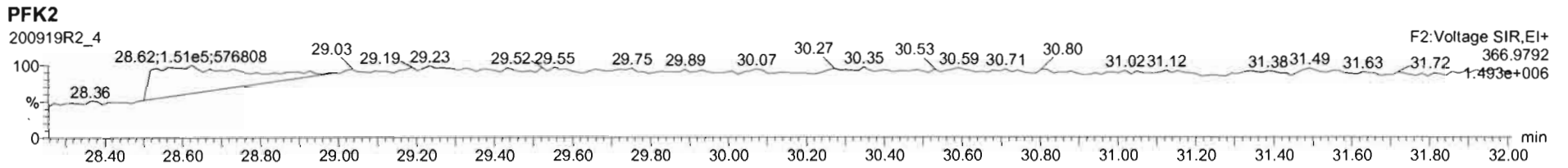
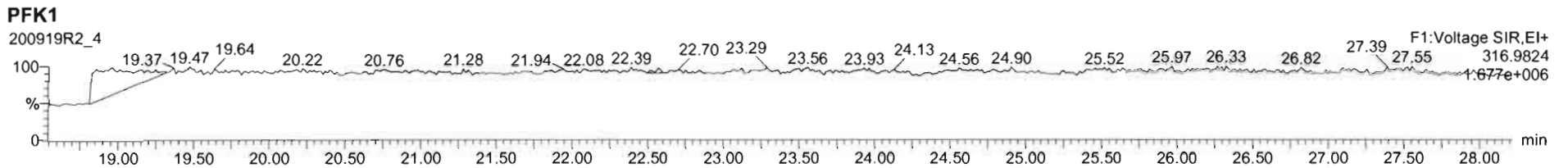
200919R2_4



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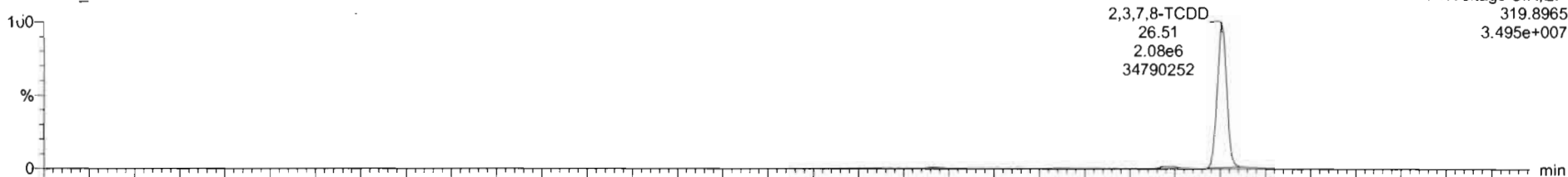
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

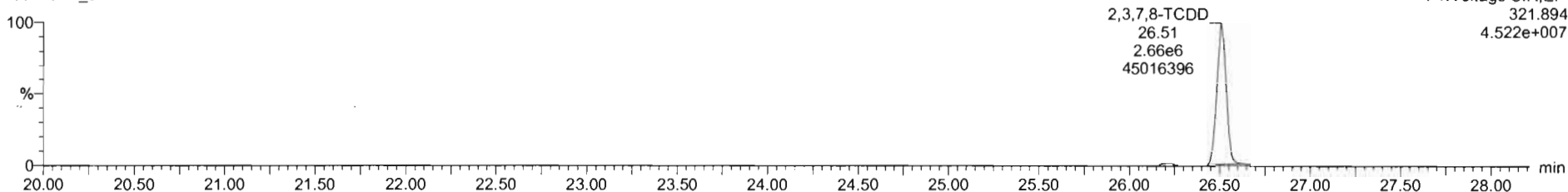
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2,3,7,8-TCDD

200919R2_5



200919R2_5

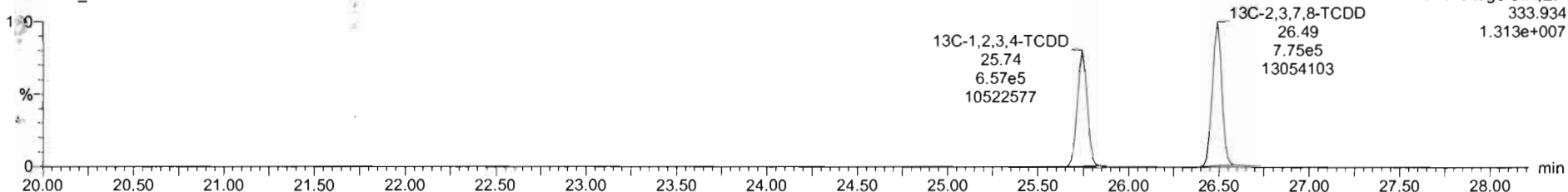


13C-2,3,7,8-TCDD

200919R2_5



200919R2_5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

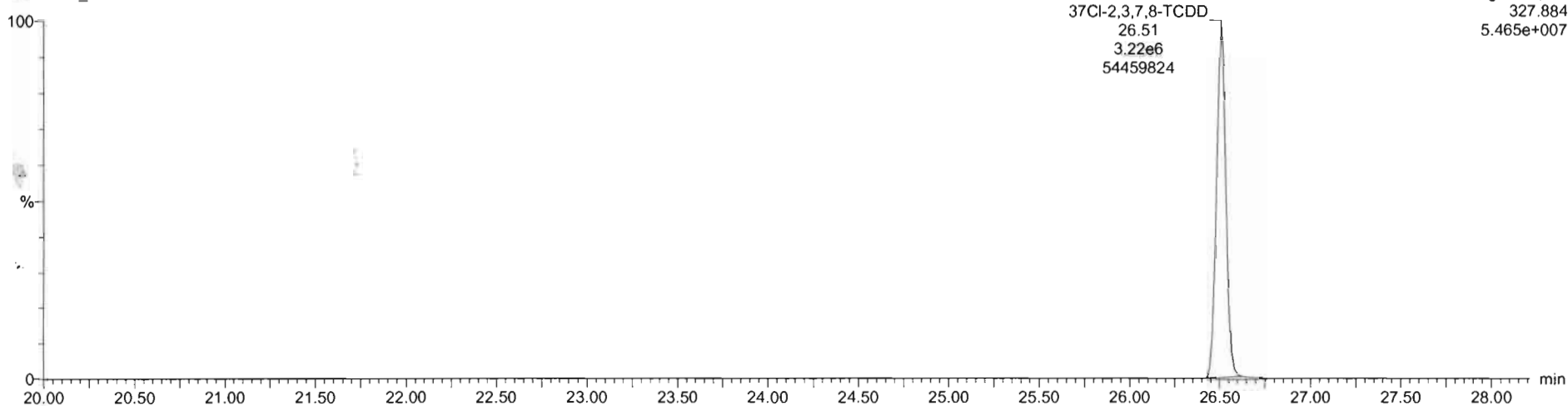
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3, CI-2,3,7,8-TCDD

200919R2_5

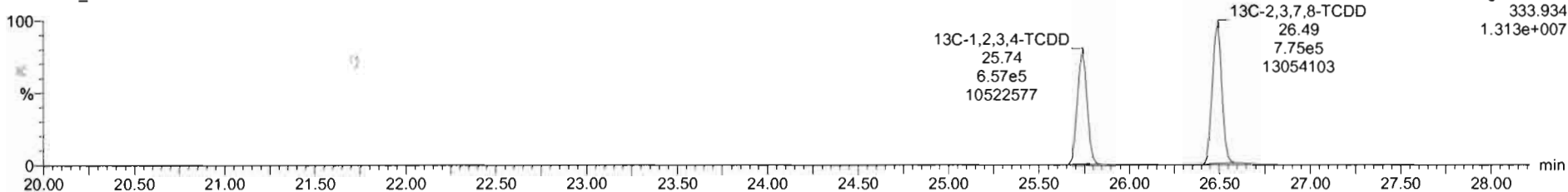


13C-1,2,3,4-TCDD

200919R2_5



200919R2_5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

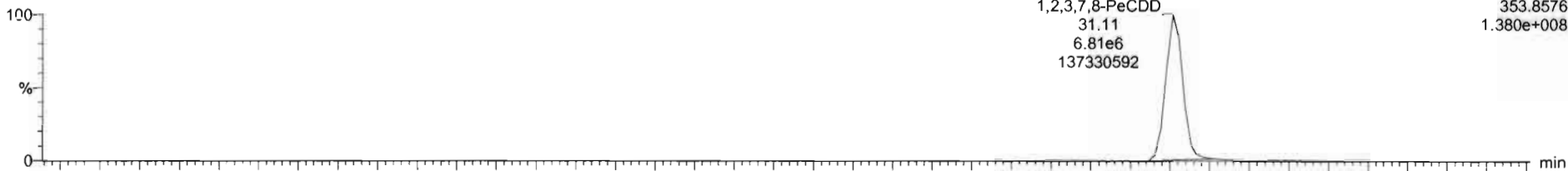
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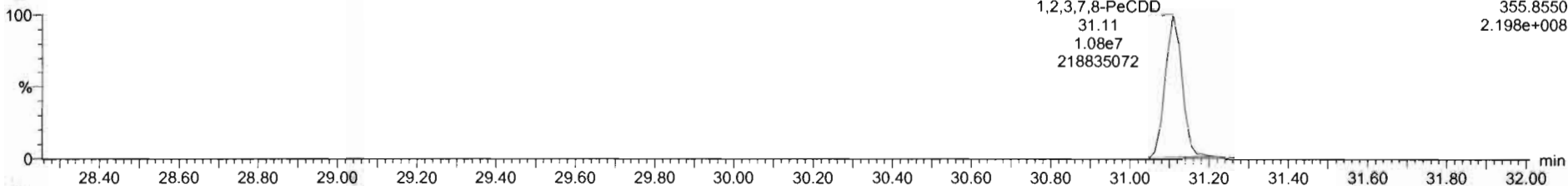
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1,2,3,7,8-PeCDD

200919R2_5

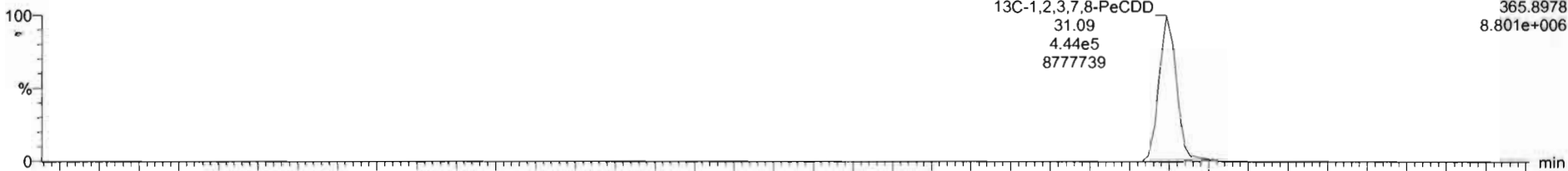


200919R2_5

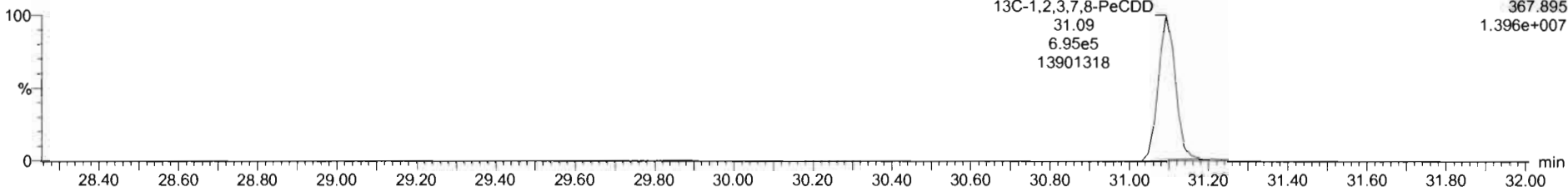


13C-1,2,3,7,8-PeCDD

200919R2_5



200919R2_5



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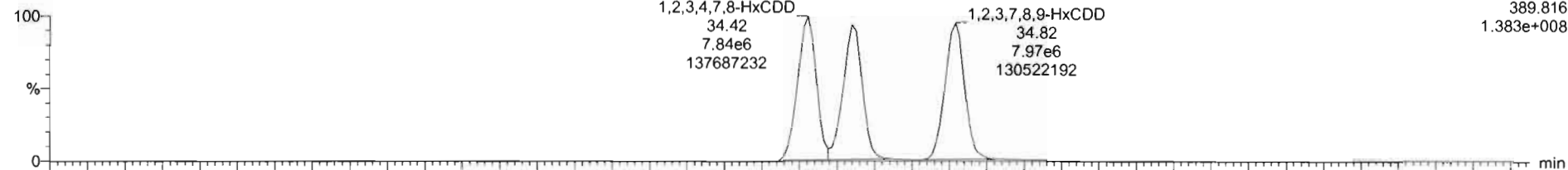
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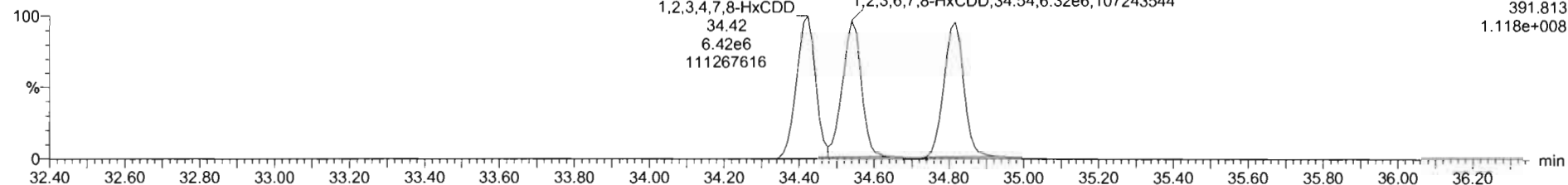
1,2,3,4,7,8-HxCDD

200919R2_5



F3:Voltage SIR,EI+
389.816
1.383e+008

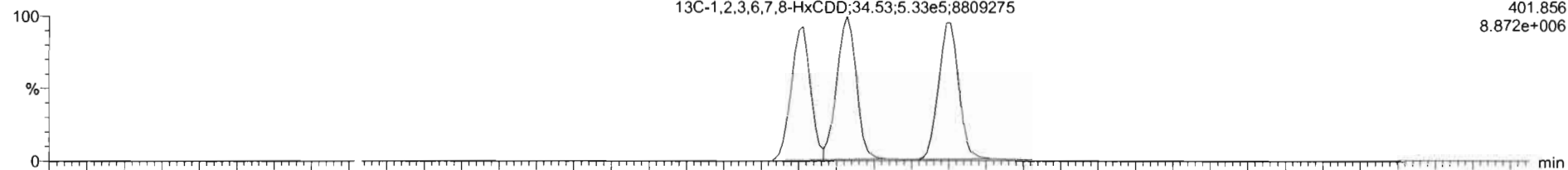
200919R2_5



F3:Voltage SIR,EI+
391.813
1.118e+008

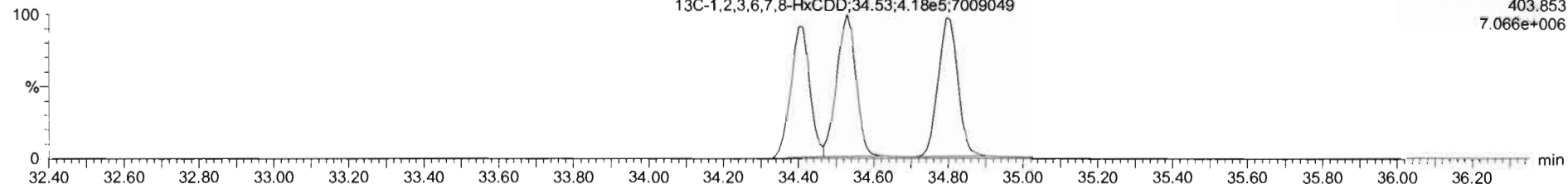
13C-1,2,3,4,7,8-HxCDD

200919R2_5



F3:Voltage SIR,EI+
401.856
8.872e+006

200919R2_5



F3:Voltage SIR,EI+
403.853
7.066e+006

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

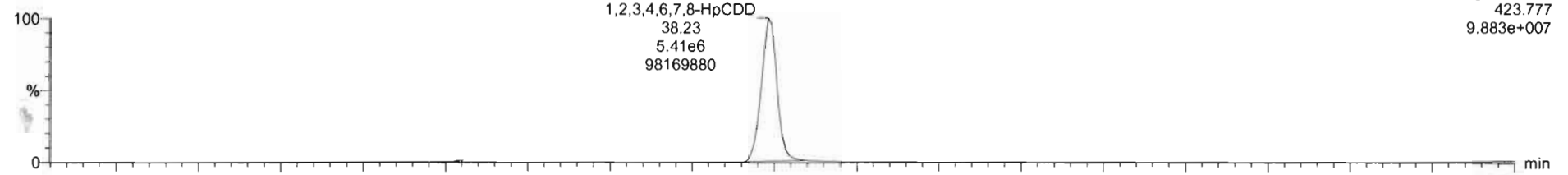
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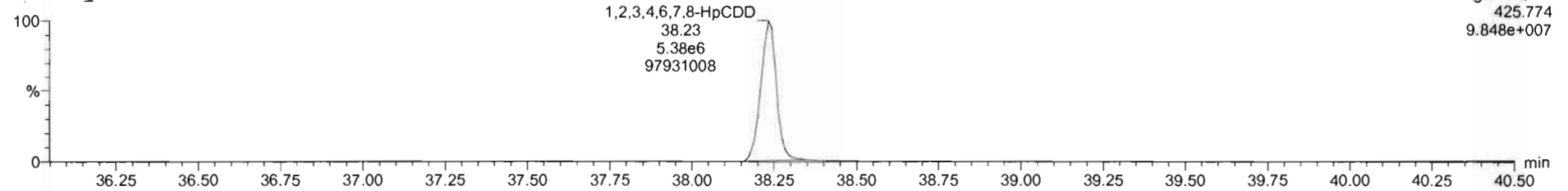
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1,2,3,4,6,7,8-HpCDD

200919R2_5

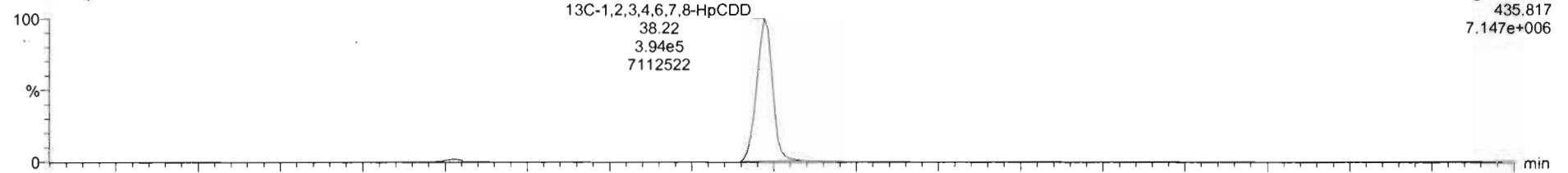


200919R2_5

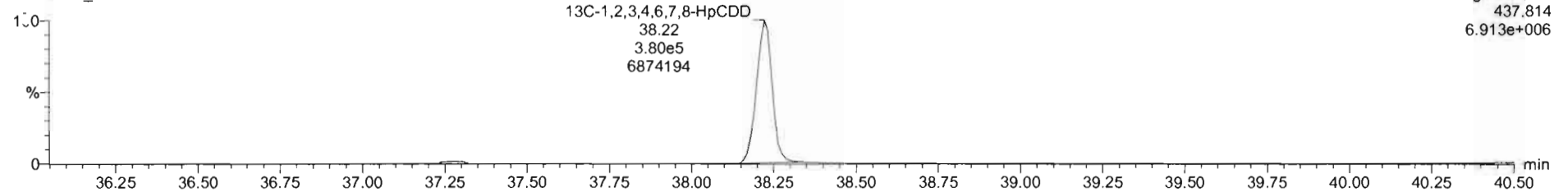


13C-1,2,3,4,6,7,8-HpCDD

200919R2_5



200919R2_5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

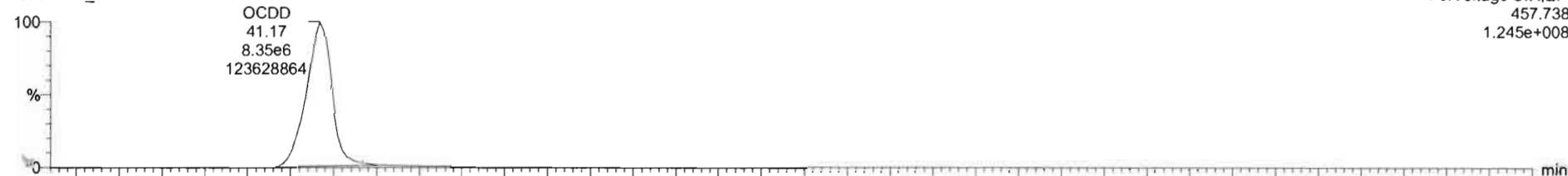
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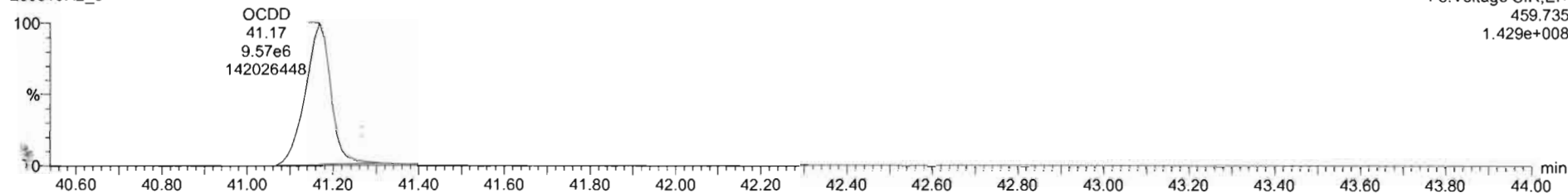
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OCDD

200919R2_5

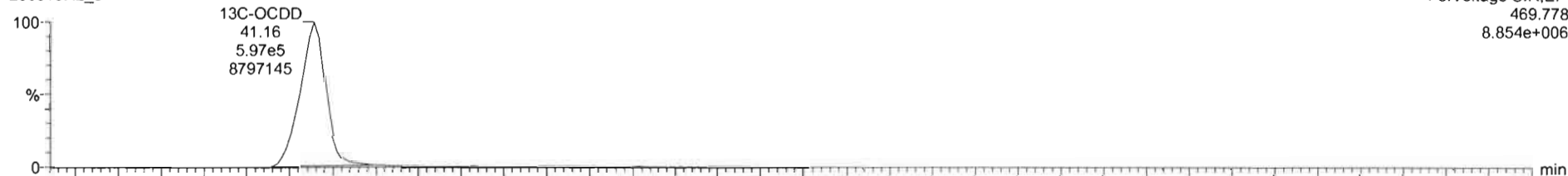


200919R2_5

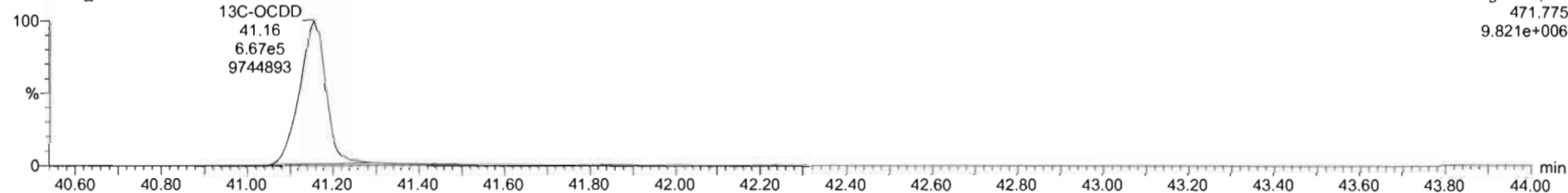


13C-OCDD

200919R2_5



200919R2_5



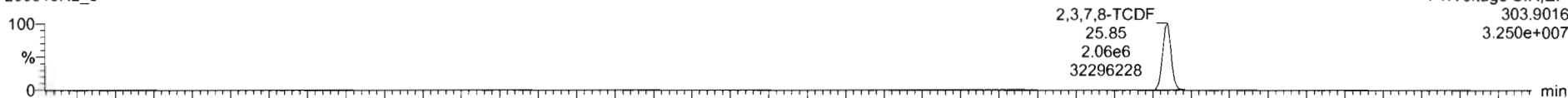
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Printed: Sunday, September 20, 2020 10:26:38 Pacific Daylight Time

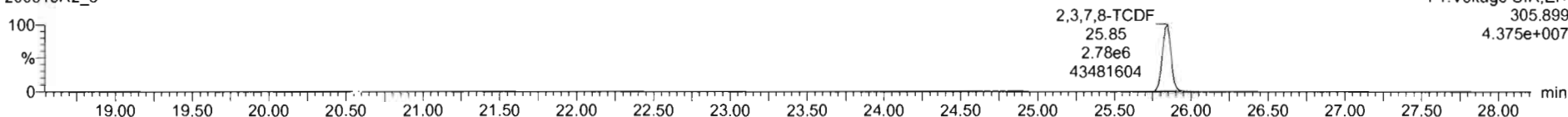
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2,3,7,8-TCDF

200919R2_5

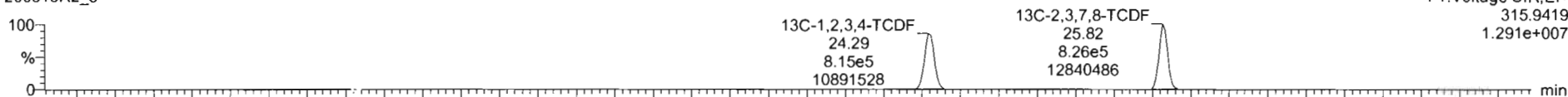


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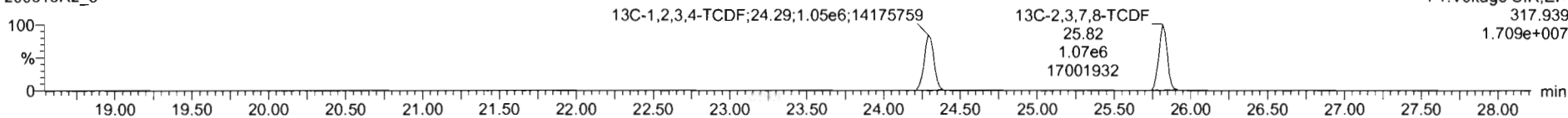


13C-2,3,7,8-TCDF

200919R2_5

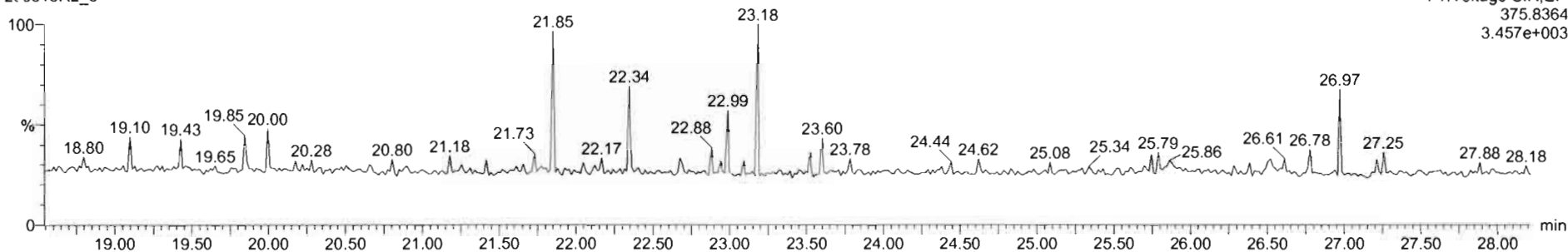


200919R2_5



DPE1

200919R2_5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

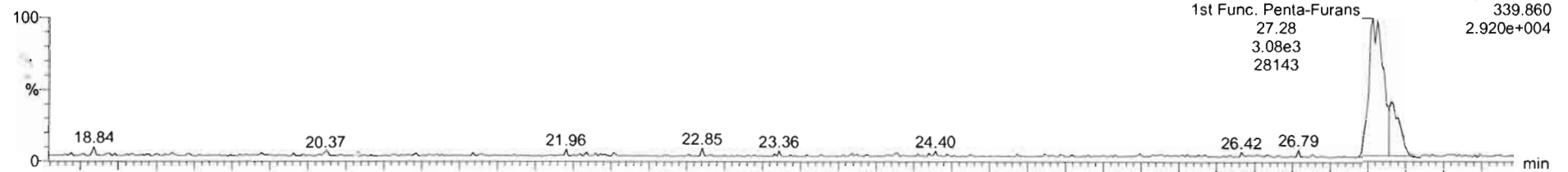
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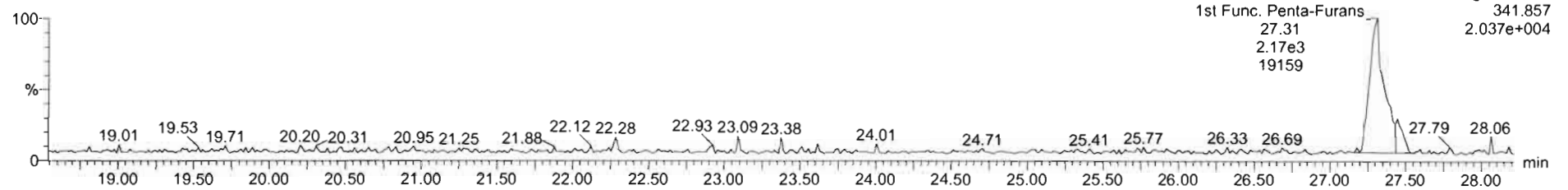
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1st Func. Penta-Furans

200919R2_5

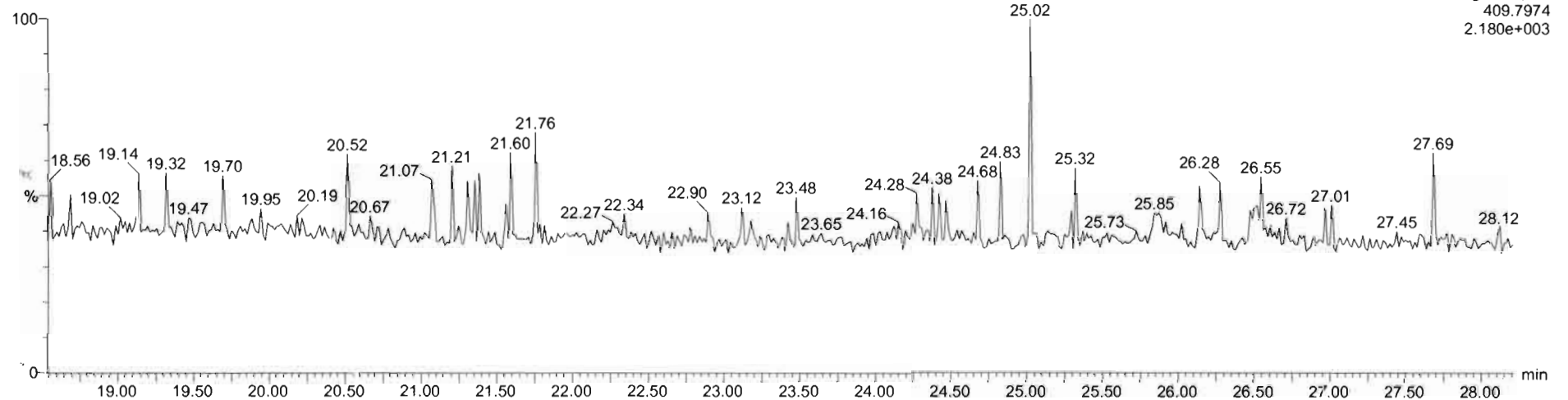


200919R2_5



DPE6

200919R2_5



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

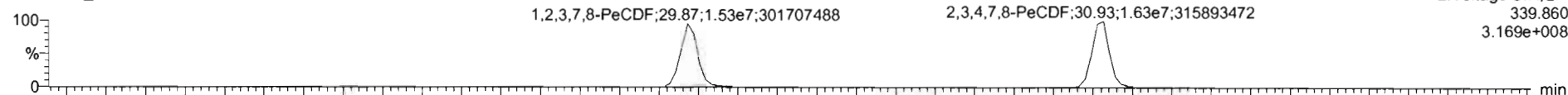
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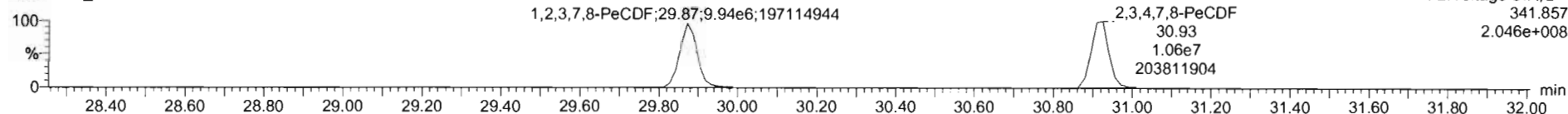
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1,2,3,7,8-PeCDF

200919R2_5

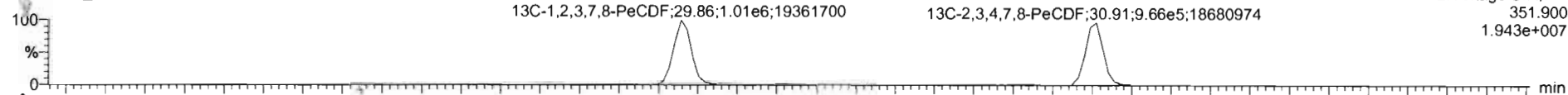


200919R2_5

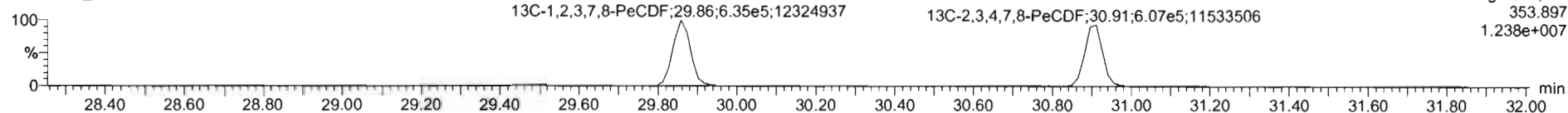


13C-1,2,3,7,8-PeCDF

200919R2_5

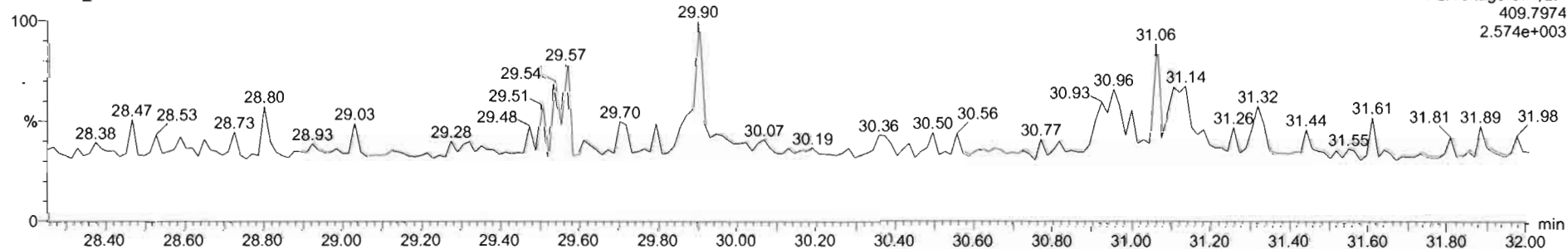


200919R2_5



DPE2

200919R2_5

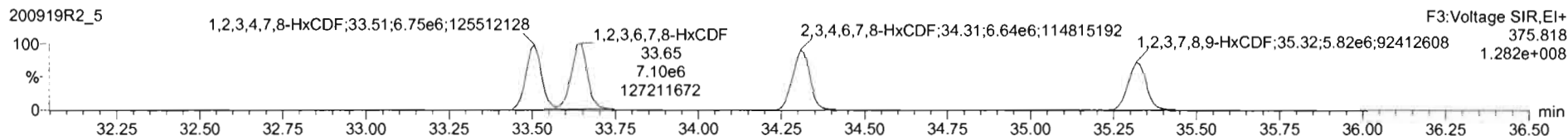
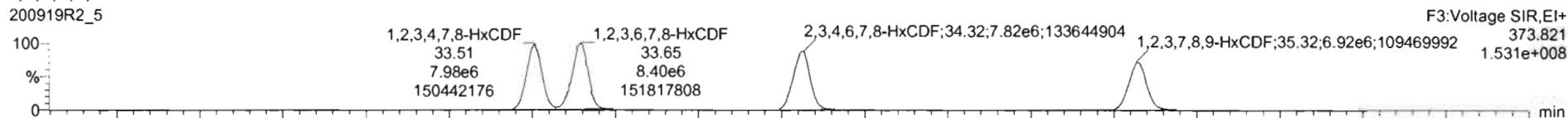


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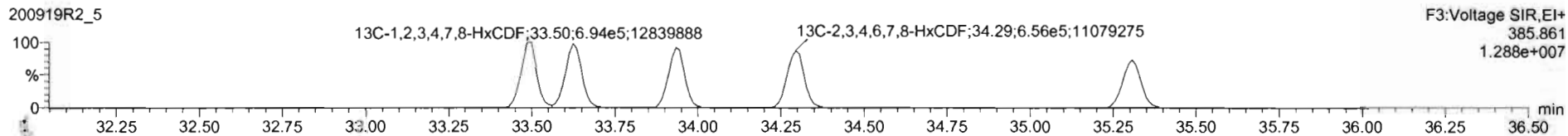
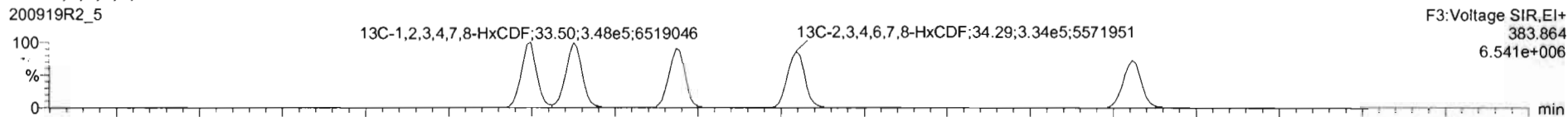
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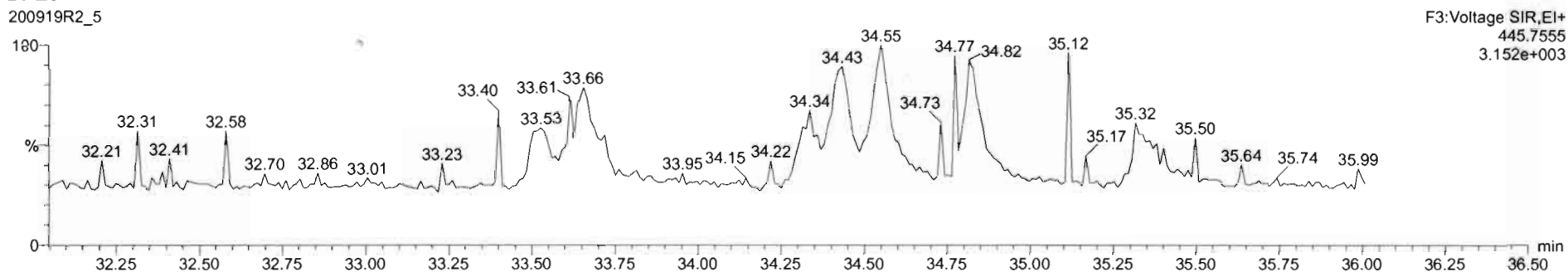
1,2,3,4,7,8-HxCDF



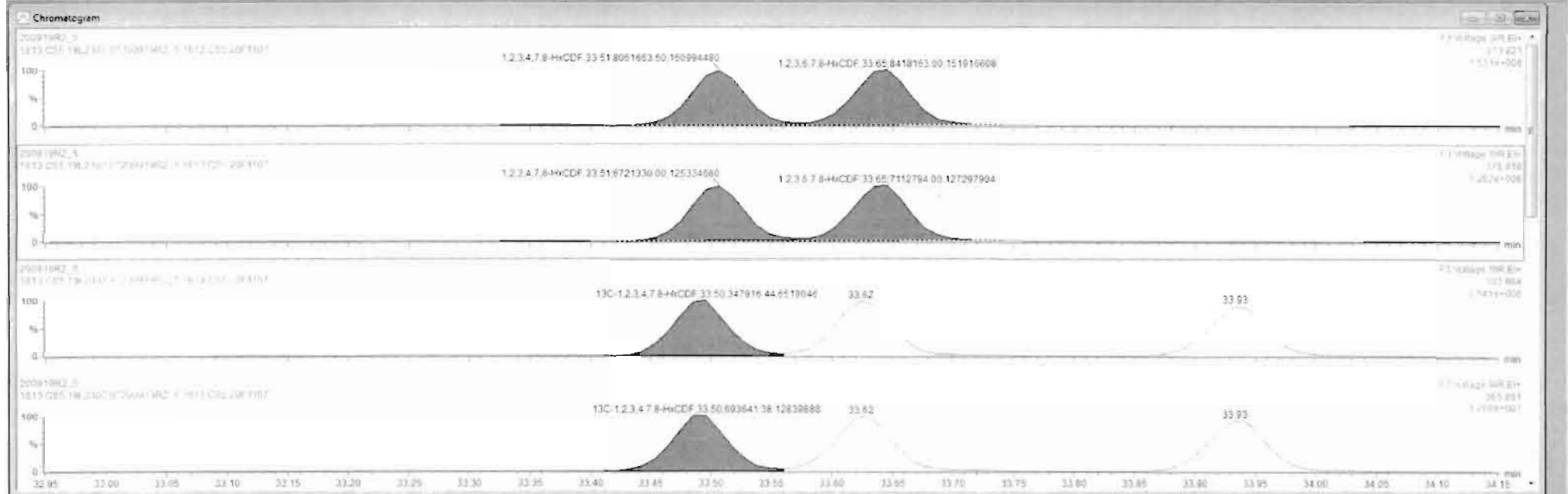
13C-1,2,3,4,7,8-HxCDF



DPE3



#	Name	RT	RA	yib	Area	IS Area	Std. Conc	%Dev	NROD	RRF M	RRF SD
38	Total Tetra-Dioxins				1.3844e8	300.000		8.35	1.22	0.0845	
40	Total Penta-Dioxins				1.1382e8	1500.000		8.13	0.866	0.0586	
41	Total Hexa-Dioxins				0.0000e0	1500.000		8.26	0.888	0.0718	
42	Total Hepta-Dioxins				7.7373e5	1500.000		9.36	0.832	0.0528	
43	Total Tetra-Furans				1.8874e8	300.000		11.3	0.738	0.0532	
44	1st Func. Penta-Furans				0.0000e0	1500.000		8.08	0.938	0.0756	
45	Total Penta-Furans				0.0000e0	1500.000		8.08	0.938	0.0756	
46	Total Hexa-Furans				0.0000e0	1500.000		10.8	0.870	0.0838	
47	Total Hepta-Furans				0.0000e0	1500.000		11.8	0.891	0.1103	
48	PK1					1.000					
49	PK2					1.000					
50	PK3					1.000					
51	PK4					1.000					



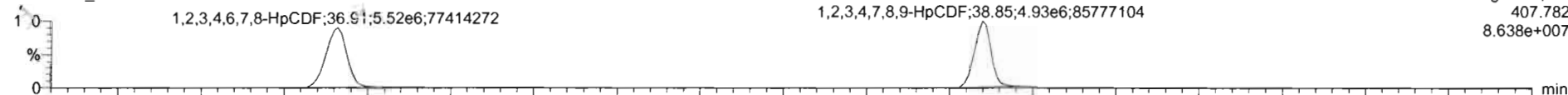
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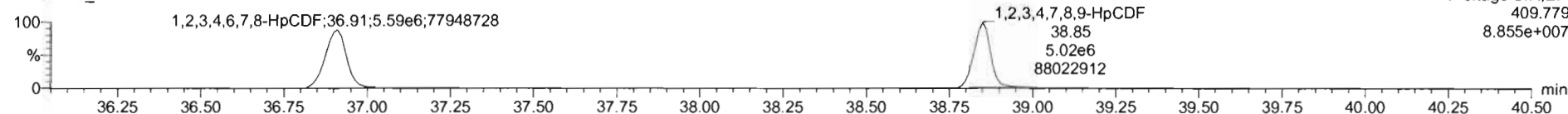
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1,2,3,4,6,7,8-HpCDF

200919R2_5



200919R2_5

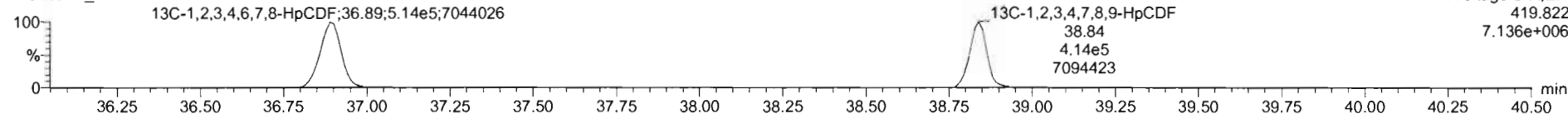


13C-1,2,3,4,6,7,8-HpCDF

200919R2_5

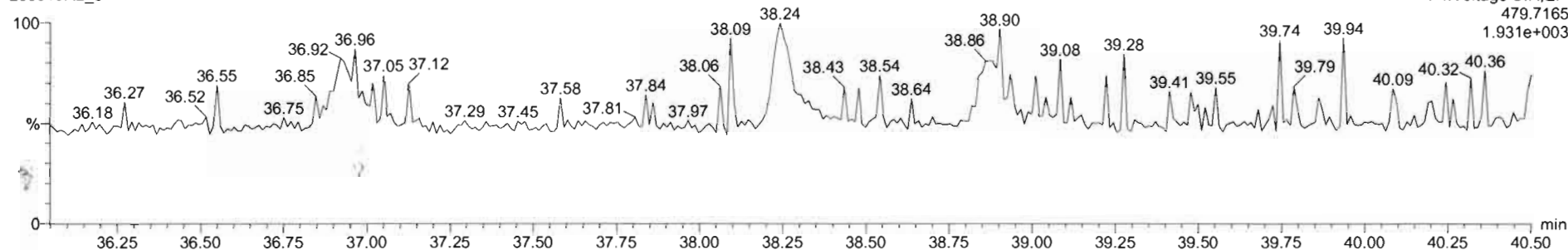


200919R2_5



DPE4

200919R2_5

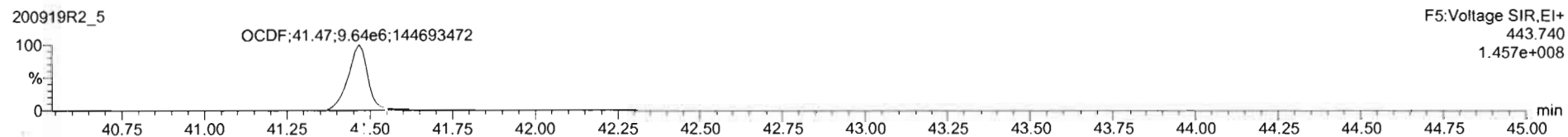


Dataset: U:\VG12.PRO\Results\200919R2\200919R2_CRV.qld

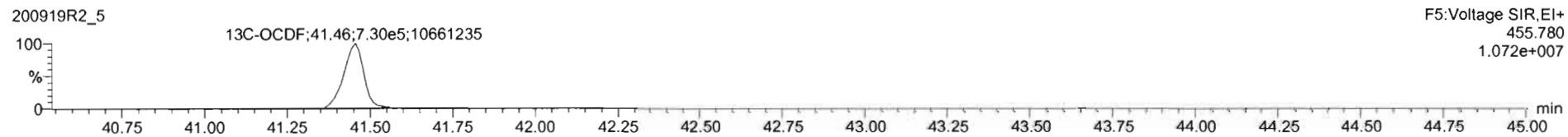
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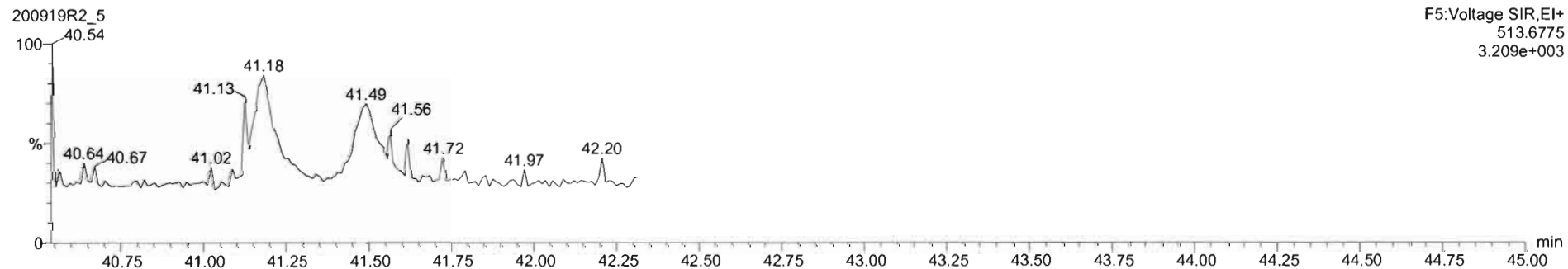
OCDF



¹³C-OCDF



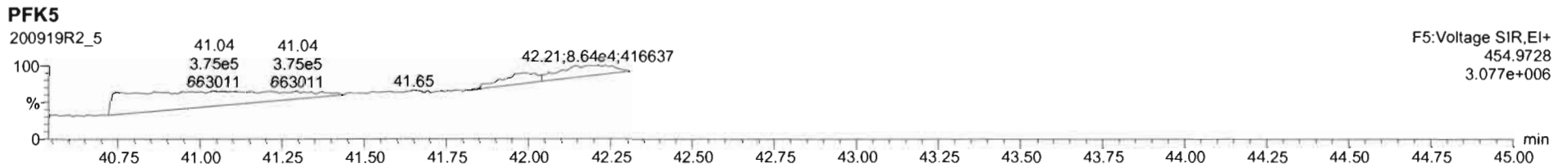
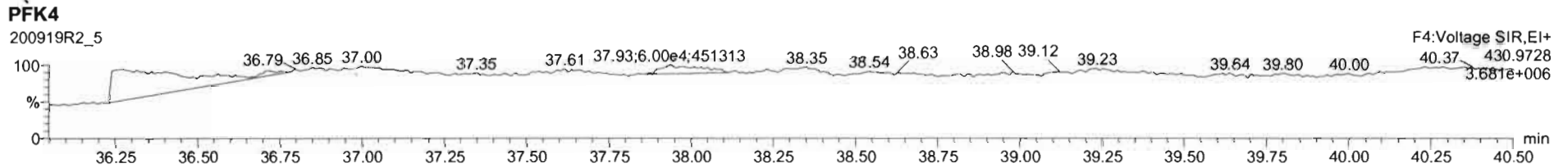
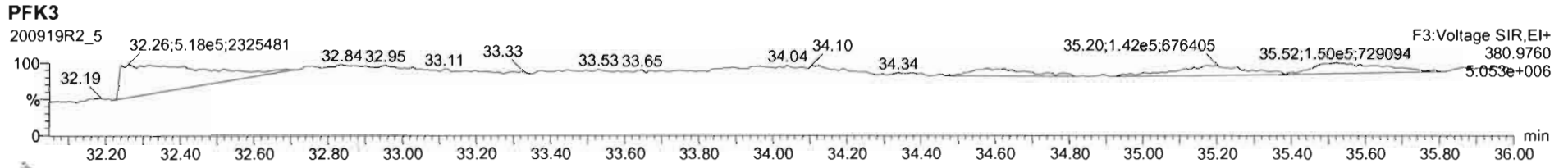
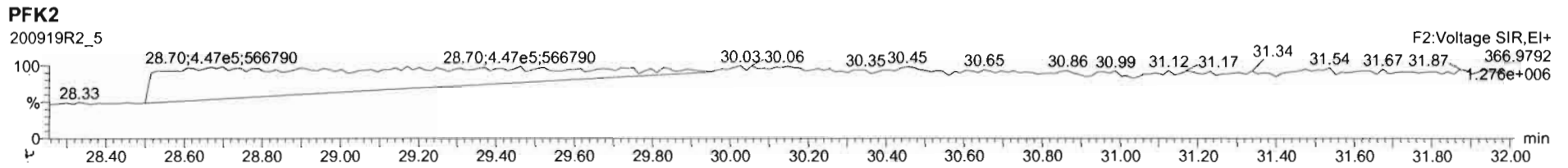
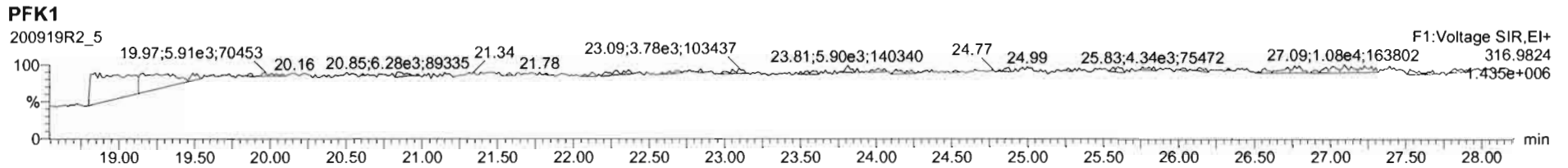
DPE5



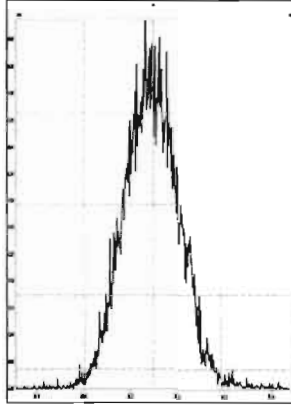
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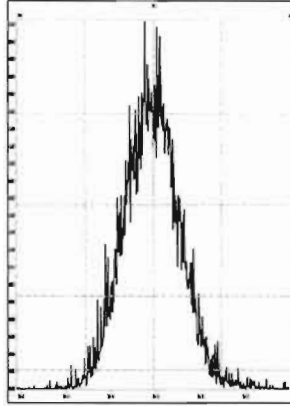
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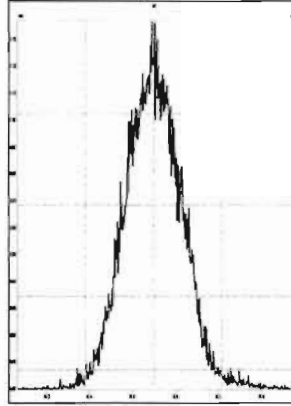
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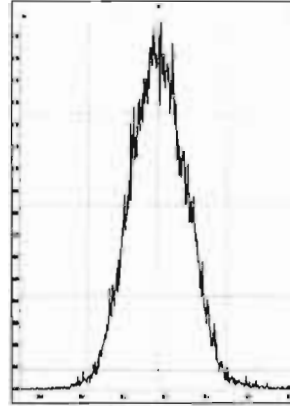
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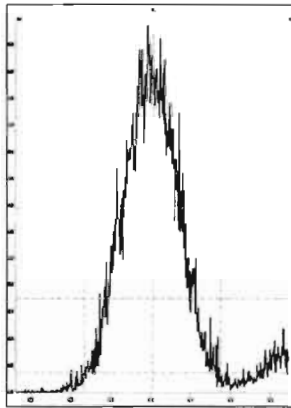
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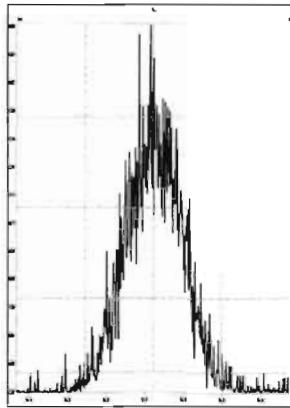
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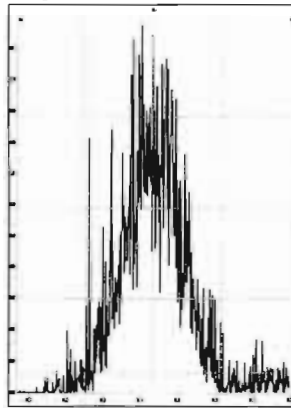
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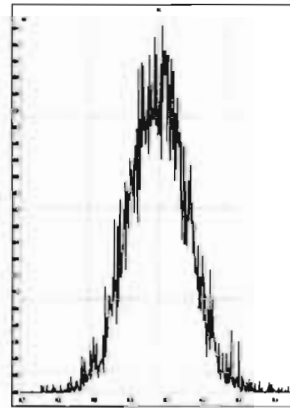
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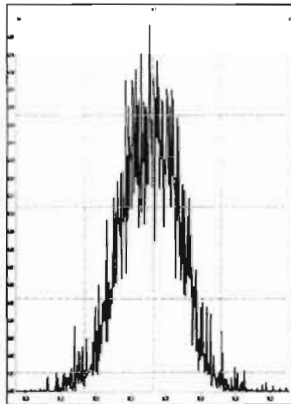
M 366.9792 R 12165



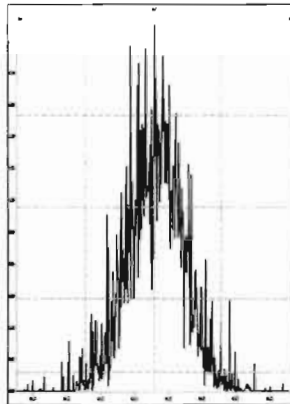
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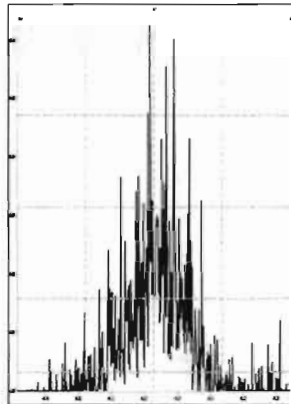
M 392.9760 R 10988



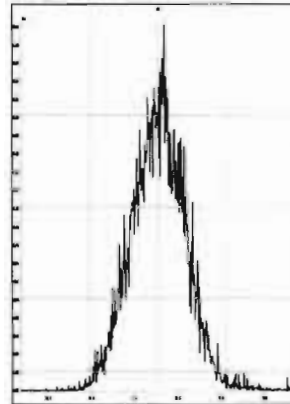
M 404.9760 R 13402



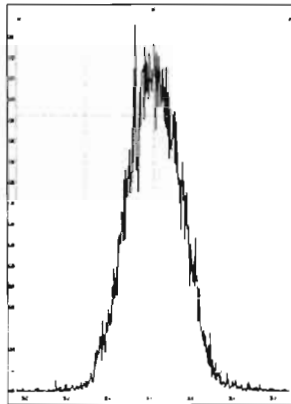
M 416.9760 R 17627



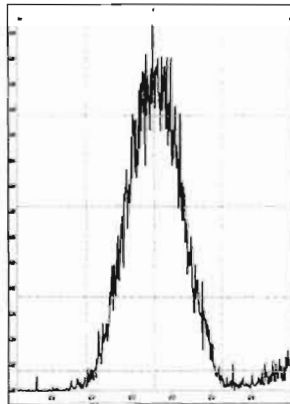
M 318.9792 R 11493



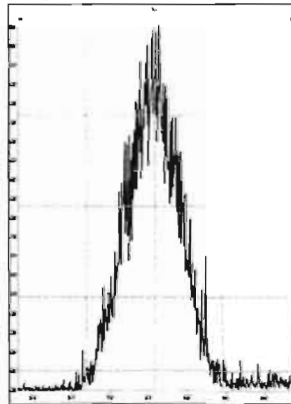
M 330.9792 R 11469



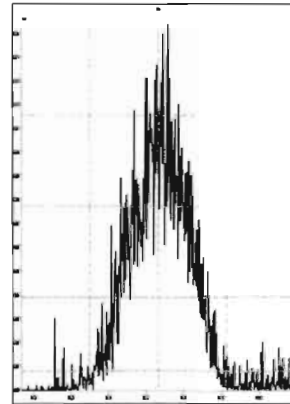
M 342.9792 R 11520



M 354.9792 R 11685

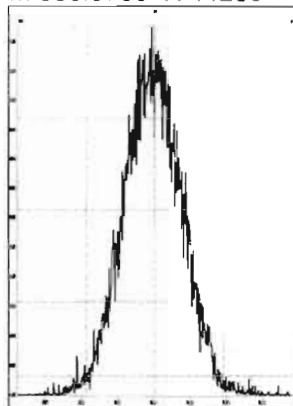


M 366.9792 R 11224

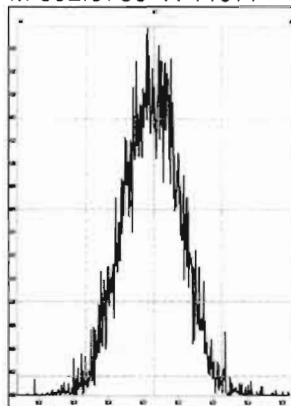


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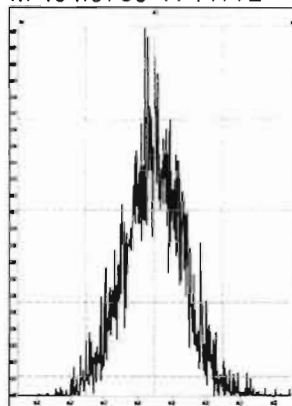
M 380.9760 R 11236



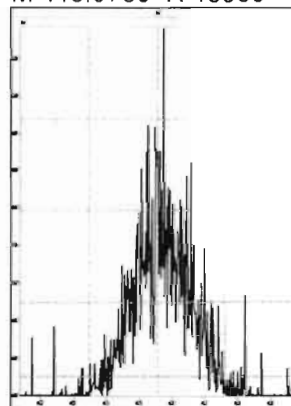
M 392.9760 R 11577



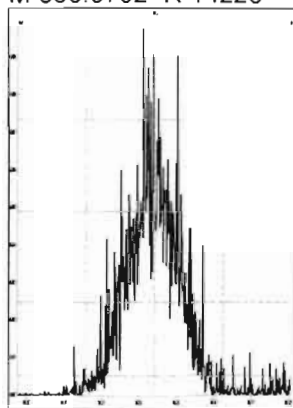
M 404.9760 R 11772



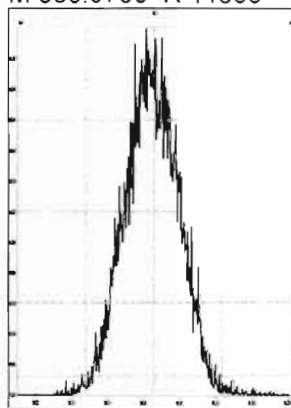
M 416.9760 R 13930



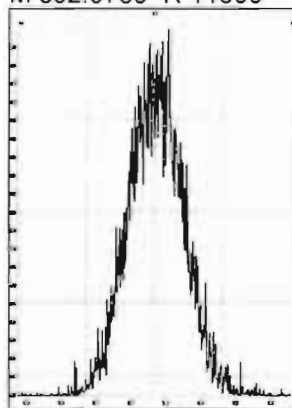
M 366.9792 R 14226



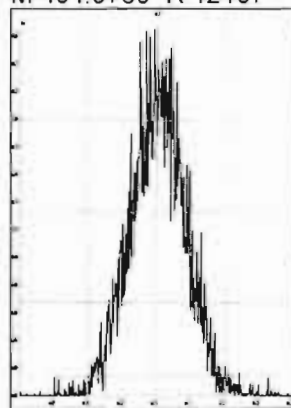
M 380.9760 R 11655



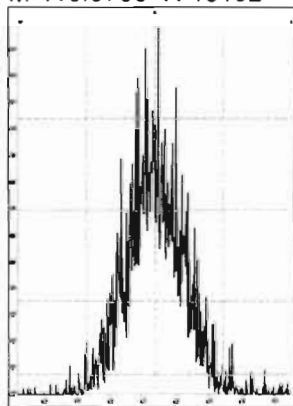
M 392.9760 R 11600



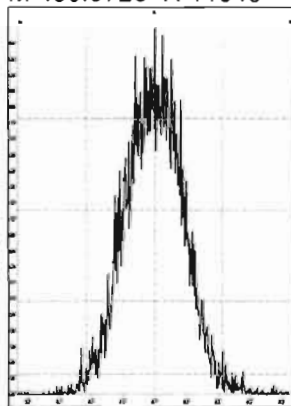
M 404.9760 R 12107



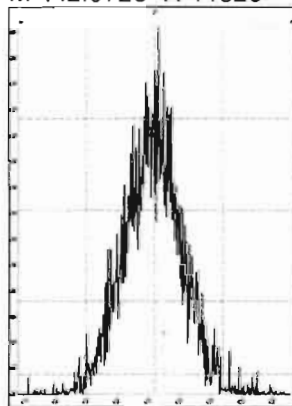
M 416.9760 R 13192



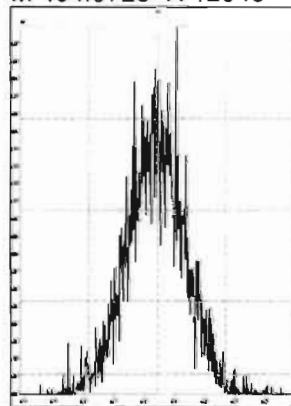
M 430.9728 R 11046



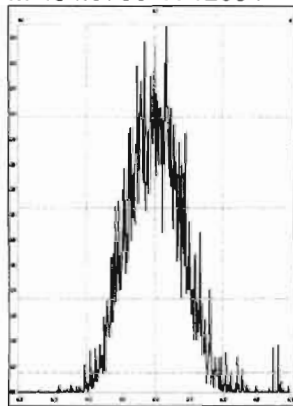
M 442.9728 R 11823



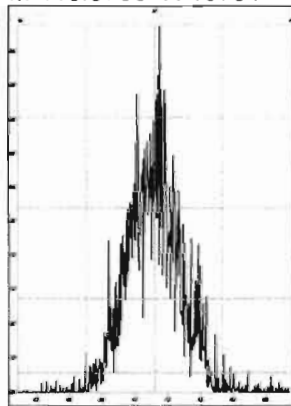
M 454.9728 R 12048



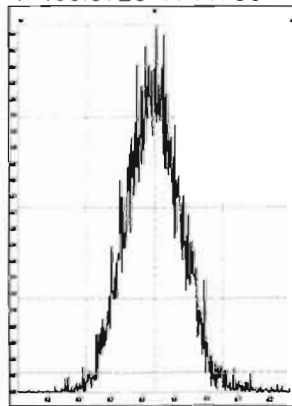
M 404.9760 R 12594



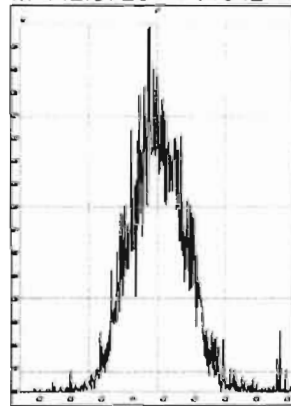
M 416.9760 R 13791



M 430.9728 R 11793

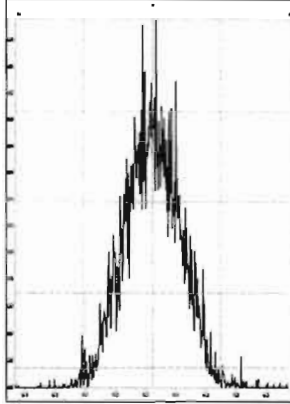


M 442.9728 R 11342

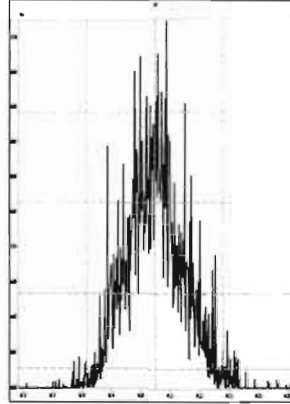


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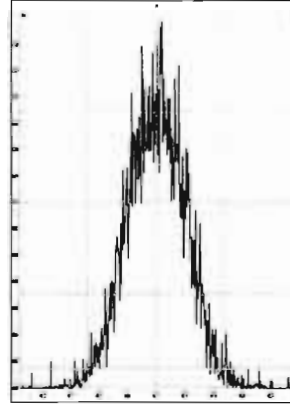
M 454.9728 R 11998



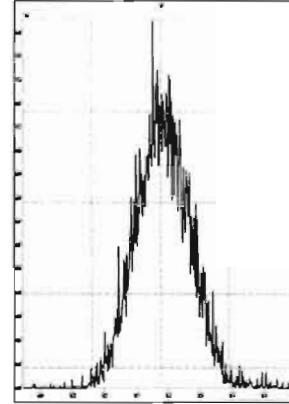
M 466.9728 R 13278



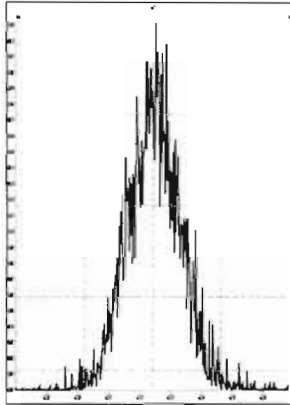
M 480.9696 R 11417



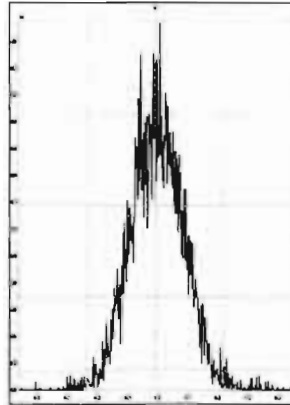
M 430.9728 R 11684



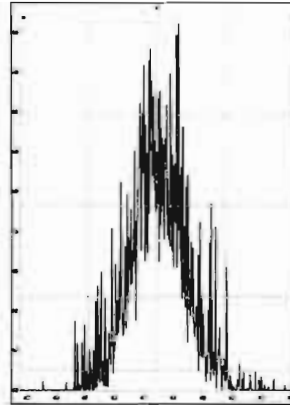
M 442.9728 R 12510



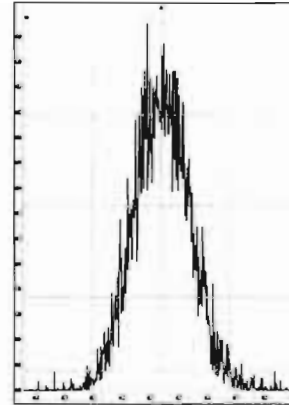
M 454.9728 R 12658



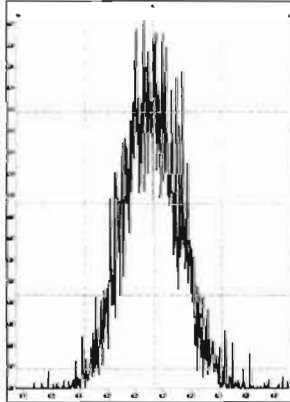
M 466.9728 R 13606



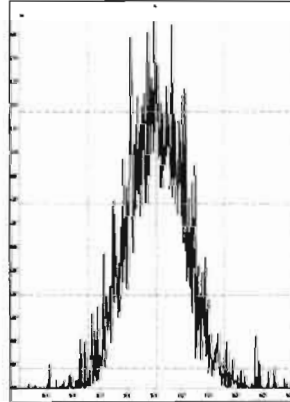
M 480.9696 R 11691



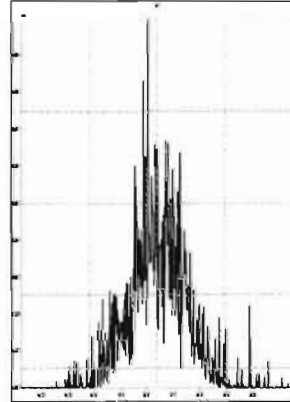
M 492.9696 R 12588



M 504.9696 R 11908



M 516.9697 R 13670



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

Last Altered: Monday, September 21, 2020 12:00:33 Pacific Daylight Time
Printed: Monday, September 21, 2020 12:02:58 Pacific Daylight Time

HLN 09/21/2020

Method: U:\VG12.PRO\MethDB\1613rrt-09-19-20.mdb 20 Sep 2020 09:11:36
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-9-19-20.cdb 20 Sep 2020 09:13:58

Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS 19-2008

#	Name	Resp	IS Resp	RA	n/y	RRF	Pred.RT	RT	RT Flag	Pred.RRT	RRT	Conc.	%Rec	STD out
1	1 2,3,7,8-TCDD	1.50e5	1.43e6	0.77	NO	1.01	26.52	26.51	NO	1.001	1.001	10.448	104	NO
2	2 1,2,3,7,8-PeCDD	5.22e5	1.05e6	0.62	NO	0.960	31.12	31.11	NO	1.001	1.000	51.833	104	NO
3	3 1,2,3,4,7,8-HxCDD	4.11e5	7.72e5	1.23	NO	1.01	34.42	34.42	NO	1.000	1.000	52.921	106	NO
4	4 1,2,3,6,7,8-HxCDD	4.31e5	8.62e5	1.24	NO	0.887	34.53	34.54	NO	1.000	1.000	56.368	113	NO
5	5 1,2,3,7,8,9-HxCDD	4.12e5	8.58e5	1.23	NO	0.913	34.82	34.82	NO	1.000	1.000	52.669	105	NO
6	6 1,2,3,4,6,7,8-HpCDD	3.00e5	6.88e5	1.01	NO	0.828	38.24	38.24	NO	1.000	1.000	52.740	105	NO
7	7 OCDD	5.02e5	1.07e6	0.87	NO	0.851	41.16	41.17	NO	1.000	1.000	110.60	111	NO
8	8 2,3,7,8-TCDF	1.56e5	1.98e6	0.74	NO	0.736	25.83	25.85	NO	1.000	1.001	10.725	107	NO
9	9 1,2,3,7,8-PeCDF	7.66e5	1.58e6	1.54	NO	0.941	29.88	29.87	NO	1.001	1.001	51.503	103	NO
10	10 2,3,4,7,8-PeCDF	8.53e5	1.49e6	1.53	NO	1.05	30.94	30.93	NO	1.001	1.000	54.624	109	NO
11	11 1,2,3,4,7,8-HxCDF	4.61e5	9.88e5	1.19	NO	0.843	33.50	33.51	NO	1.000	1.000	55.333	111	NO
12	12 1,2,3,6,7,8-HxCDF	4.72e5	9.75e5	1.19	NO	0.887	33.63	33.65	NO	1.000	1.001	54.649	109	NO
13	13 2,3,4,6,7,8-HxCDF	4.49e5	9.32e5	1.20	NO	0.868	34.32	34.32	NO	1.001	1.001	55.485	111	NO
14	14 1,2,3,7,8,9-HxCDF	3.76e5	8.25e5	1.20	NO	0.854	35.33	35.33	NO	1.001	1.001	53.406	107	NO
15	15 1,2,3,4,6,7,8-HpCDF	3.25e5	6.63e5	1.01	NO	0.894	36.93	36.91	NO	1.001	1.001	54.877	110	NO
16	16 1,2,3,4,7,8,9-HpCDF	2.82e5	5.30e5	1.00	NO	0.991	38.85	38.86	NO	1.000	1.000	53.723	107	NO
17	17 OCDF	4.87e5	1.16e6	0.87	NO	0.788	41.44	41.46	NO	1.000	1.000	106.87	107	NO
18	18 13C-2,3,7,8-TCDD	1.43e6	1.26e6	0.79	NO	1.15	26.48	26.49	NO	1.029	1.029	98.256	98.3	NO
19	19 13C-1,2,3,7,8-PeCDD	1.05e6	1.26e6	0.63	NO	0.887	31.08	31.09	NO	1.207	1.208	93.912	93.9	NO
20	20 13C-1,2,3,4,7,8-HxCDD	7.72e5	1.01e6	1.27	NO	0.801	34.42	34.41	NO	1.014	1.014	95.685	95.7	NO
21	21 13C-1,2,3,6,7,8-HxCDD	8.62e5	1.01e6	1.28	NO	0.892	34.54	34.53	NO	1.018	1.017	95.980	96.0	NO
22	22 13C-1,2,3,7,8,9-HxCDD	8.58e5	1.01e6	1.25	NO	0.882	34.81	34.81	NO	1.025	1.025	96.571	96.6	NO
23	23 13C-1,2,3,4,6,7,8-HpCDD	6.88e5	1.01e6	1.04	NO	0.720	38.24	38.23	NO	1.127	1.126	94.951	95.0	NO
24	24 13C-OCDD	1.07e6	1.01e6	0.89	NO	0.564	41.18	41.16	NO	1.213	1.213	187.84	93.9	NO
25	25 13C-2,3,7,8-TCDF	1.98e6	1.97e6	0.77	NO	1.01	25.82	25.82	NO	1.003	1.003	99.460	99.5	NO
26	26 13C-1,2,3,7,8-PeCDF	1.58e6	1.97e6	1.59	NO	0.814	29.84	29.86	NO	1.159	1.160	98.317	98.3	NO
27	27 13C-2,3,4,7,8-PeCDF	1.49e6	1.97e6	1.59	NO	0.768	30.88	30.91	NO	1.200	1.201	98.126	98.1	NO
28	28 13C-1,2,3,4,7,8-HxCDF	9.88e5	1.01e6	0.50	NO	0.993	33.49	33.50	NO	0.987	0.987	98.905	98.9	NO
29	29 13C-1,2,3,6,7,8-HxCDF	9.75e5	1.01e6	0.50	NO	0.990	33.63	33.62	NO	0.991	0.991	97.799	97.8	NO
30	30 13C-2,3,4,6,7,8-HxCDF	9.32e5	1.01e6	0.50	NO	0.944	34.30	34.30	NO	1.011	1.010	98.089	98.1	NO
31	31 13C-1,2,3,7,8,9-HxCDF	8.25e5	1.01e6	0.50	NO	0.842	35.32	35.31	NO	1.041	1.040	97.437	97.4	NO

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

Last Altered: Monday, September 21, 2020 12:00:33 Pacific Daylight Time

Printed: Monday, September 21, 2020 12:02:58 Pacific Daylight Time

Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS ~~10L2308~~

#	Name	Resp	IS Resp	RA	n/y	RRF	Pred.RT	RT	RT Flag	Pred.RRT	RRT	Conc.	%Rec	STD out
32	13C-1,2,3,4,6,7,8-HpCDF	6.63e5	1.01e6	0.43	NO	0.687	36.91	36.89	NO	1.087	1.087	95.877	95.9	NO
33	13C-1,2,3,4,7,8,9-HpCDF	5.30e5	1.01e6	0.43	NO	0.555	38.87	38.85	NO	1.145	1.145	94.895	94.9	NO
34	13C-OCDF	1.16e6	1.01e6	0.87	NO	0.607	41.46	41.44	NO	1.221	1.221	189.06	94.5	NO
35	37Cl-2,3,7,8-TCDD	1.54e5	1.26e6			1.18	26.51	26.51	NO	1.030	1.030	10.412	104	NO
36	13C-1,2,3,4-TCDD	1.26e6	1.26e6	0.80	NO	1.00	25.74	25.74	NO	1.000	1.000	100.00	100	NO
37	13C-1,2,3,4-TCDF	1.97e6	1.97e6	0.79	NO	1.00	24.31	24.31	NO	1.000	1.000	100.00	100	NO
38	13C-1,2,3,4,6,9-HxCDF	1.01e6	1.01e6	0.50	NO	1.00	33.92	33.94	NO	1.000	1.000	100.00	100	YES

OK

Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

Last Altered: Monday, September 21, 2020 11:51:44 Pacific Daylight Time

Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

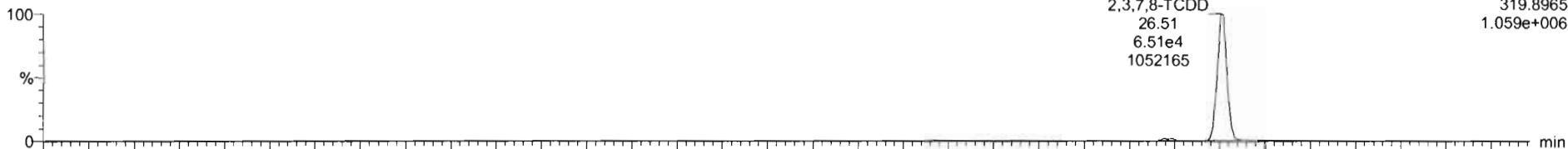
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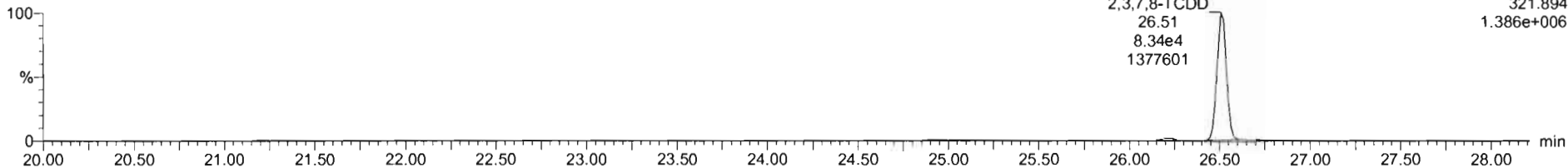
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2,3,7,8-TCDD

200919R2_7

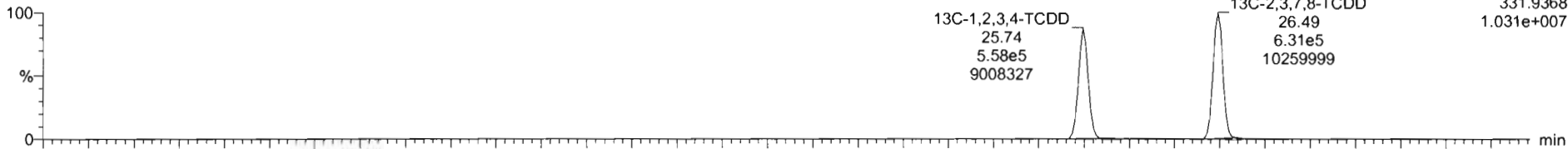


200919R2_7

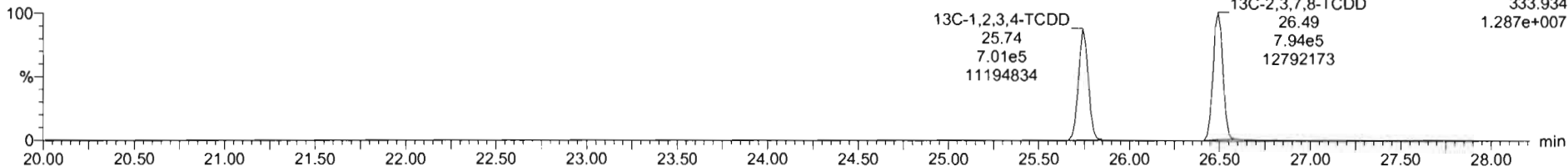


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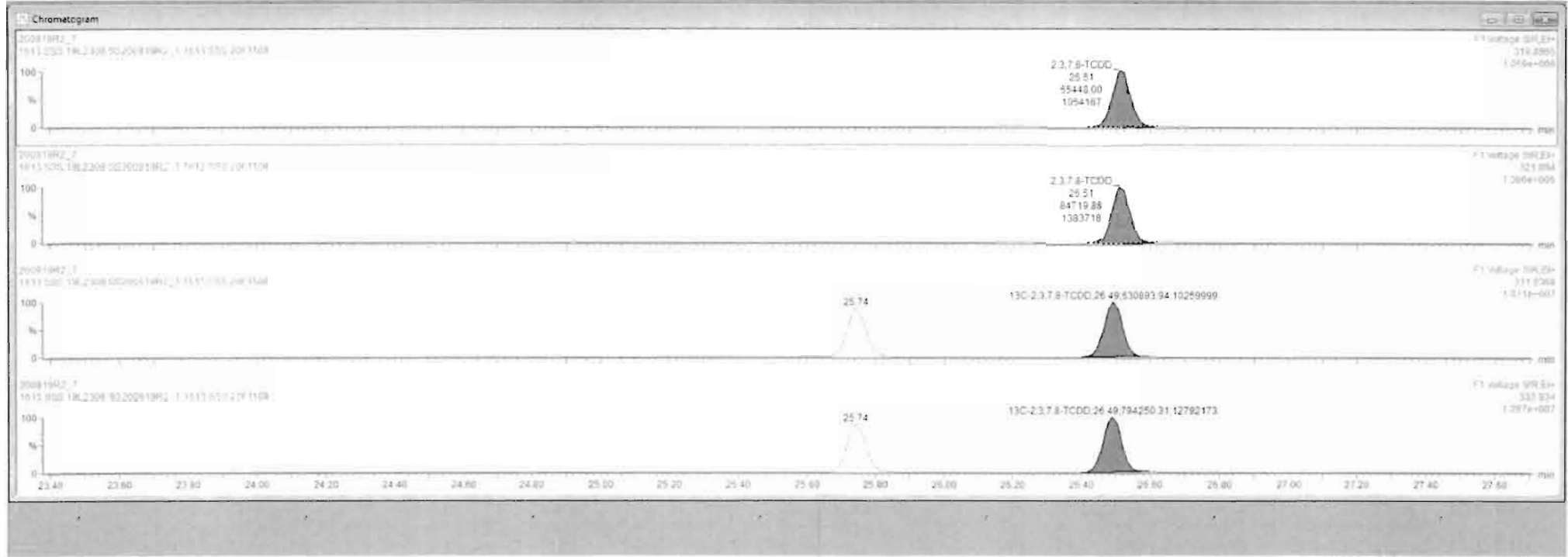
200919R2_7



200919R2_7



ID	Name	Resc	RA	r/y	RRF	w/vol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.50e5	0.77	ND	1.01	1.000	26.51	1.001	10.4	104	0.0178	10.4
2	1,2,3,7,8-PeCDD	5.22e5	0.62	ND	0.98	1.000	31.11	1.000	51.8	104	0.8650	51.8
3	1,2,3,4,7,8-HxCDD	4.11e5	1.23	ND	1.01	1.000	34.42	1.000	52.9	108	0.0750	52.9
4	1,2,3,6,7,8-HxCDD	4.31e5	1.24	ND	0.99	1.000	34.94	1.000	56.4	112	0.0750	56.4
5	1,2,3,7,8,9-HxCDD	4.12e5	1.23	ND	0.91	1.000	34.82	1.000	52.7	105	0.0780	52.7
6	1,2,3,4,6,7,8-HpCDD	3.00e5	1.01	ND	0.93	1.000	36.24	1.000	62.7	105	0.137	62.7
7	OCDD	5.22e5	0.87	ND	0.88	1.000	41.17	1.000	111	111	0.245	111
8	2,3,7,8-TCDF	1.50e5	0.74	ND	0.74	1.000	26.88	1.001	10.7	107	0.0270	10.7
9	1,2,3,7,8-PeCDF	7.86e5	1.54	ND	0.94	1.000	29.97	1.001	51.5	103	0.0620	51.5
10	1,2,3,4,7,8-HxCDF	8.53e5	1.63	ND	1.02	1.000	30.93	1.000	54.6	109	0.0960	54.6
11	1,2,3,4,7,8,9-HxCDF	4.91e5	1.19	ND	0.94	1.000	33.91	1.000	55.3	111	0.0960	55.3
12	1,2,3,6,7,8-HpCDF	4.72e5	1.19	ND	0.99	1.000	33.65	1.001	54.0	105	0.0907	54.0
13	2,3,4,6,7,8-HpCDF	4.48e5	1.20	ND	0.97	1.000	34.57	1.001	64.3	111	0.194	64.3



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

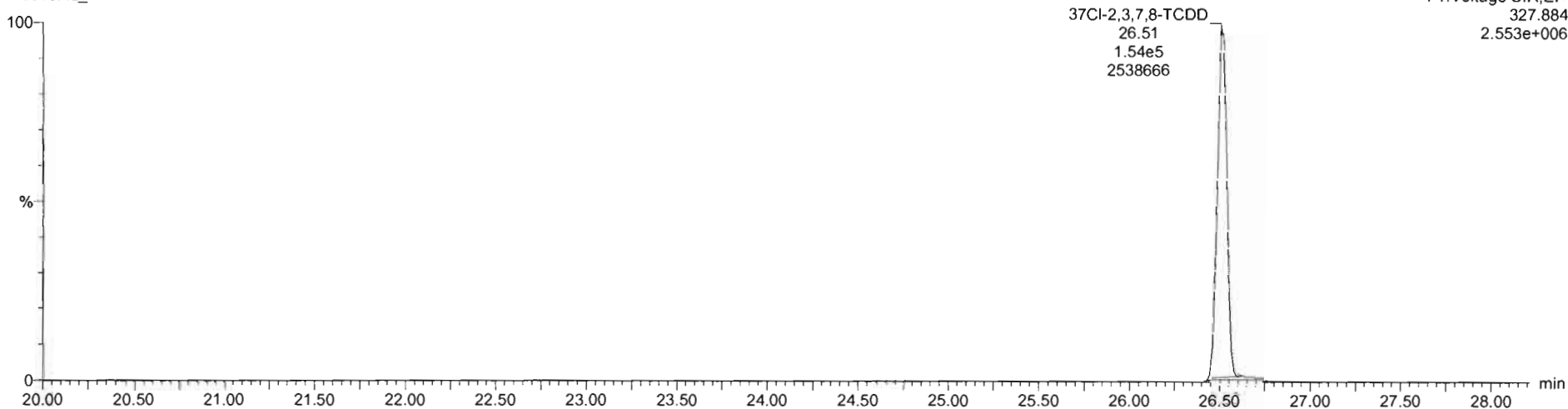
Last Altered: Monday, September 21, 2020 11:51:44 Pacific Daylight Time

Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS ~~19L 2498~~

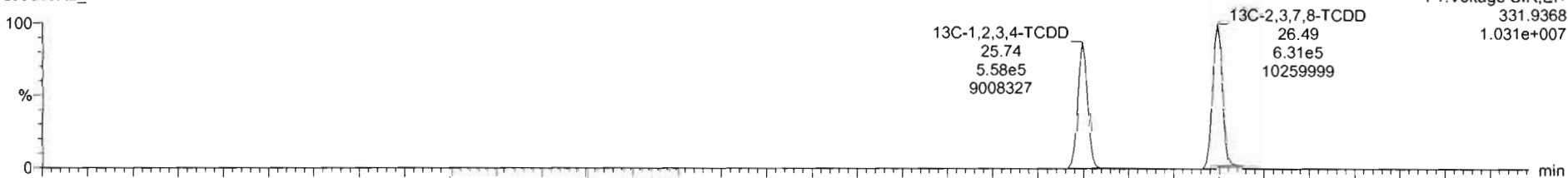
37Cl-2,3,7,8-TCDD

200919R2_7

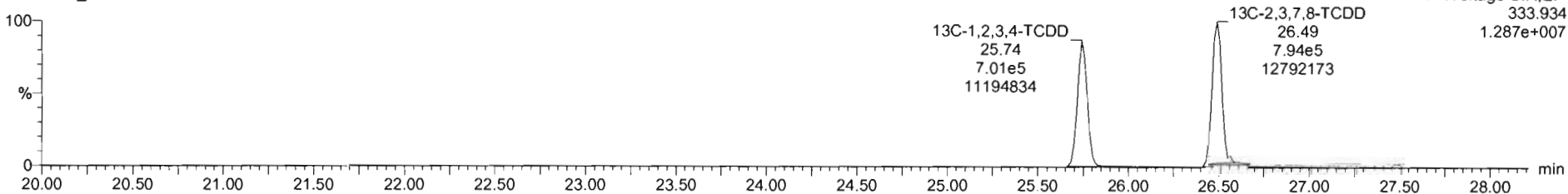


13C-1,2,3,4-TCDD

200919R2_7



200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

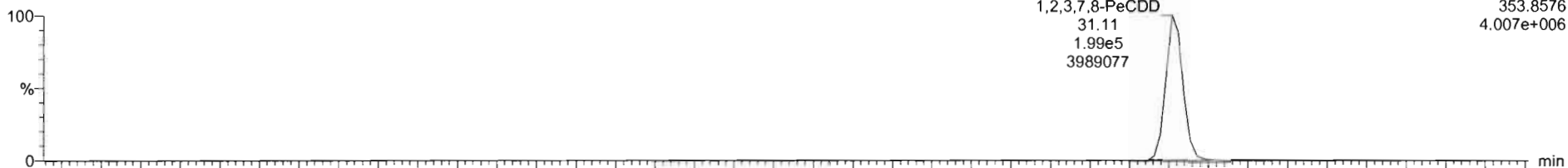
Last Altered: Monday, September 21, 2020 11:51:44 Pacific Daylight Time

Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

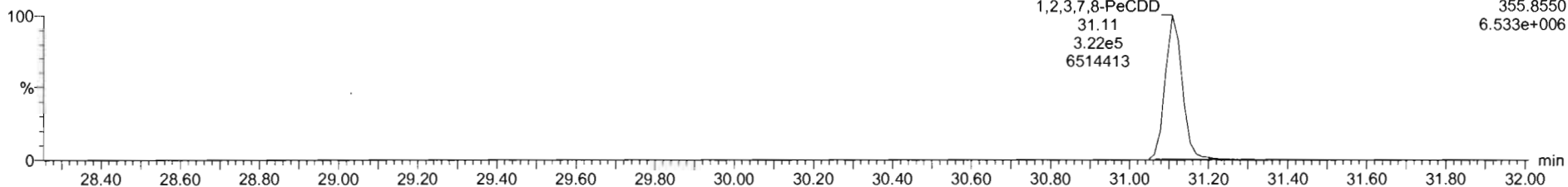
Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS ~~19L2308~~

1,2,3,7,8-PeCDD

200919R2_7

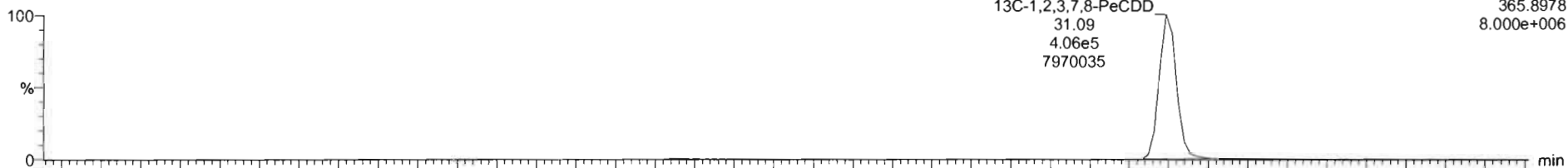


200919R2_7

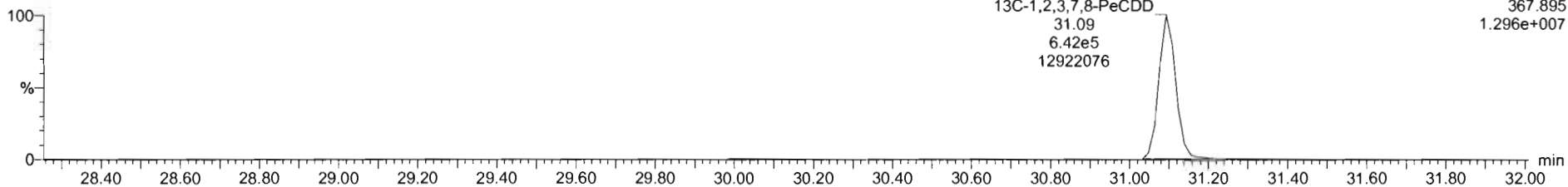


13C-1,2,3,7,8-PeCDD

200919R2_7



200919R2_7



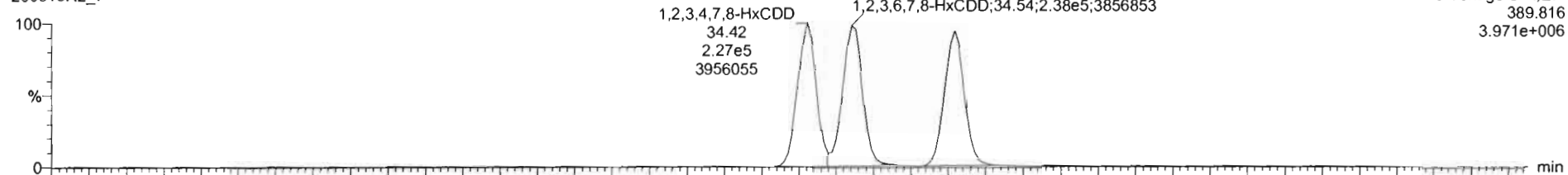
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

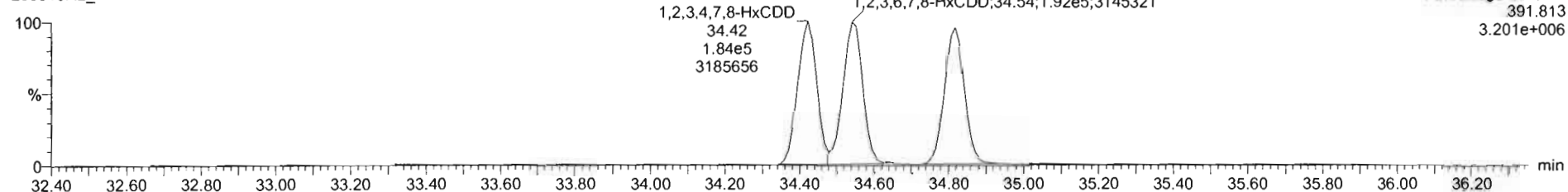
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1,2,3,4,7,8-HxCDD

200919R2_7

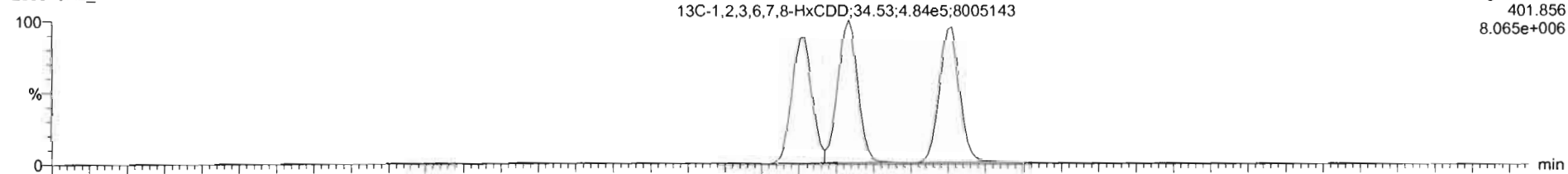


200919R2_7

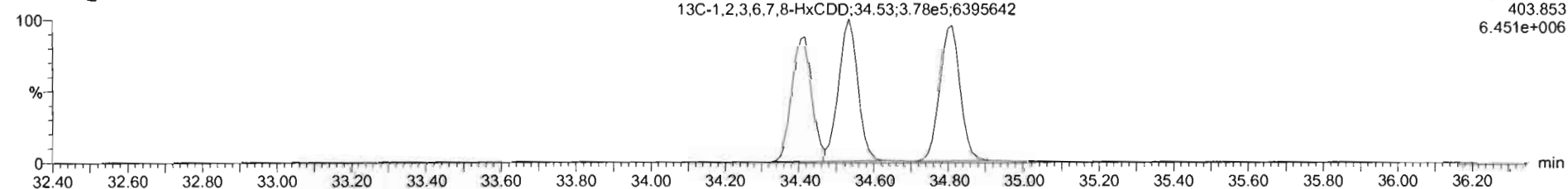


13C-1,2,3,4,7,8-HxCDD

200919R2_7



200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

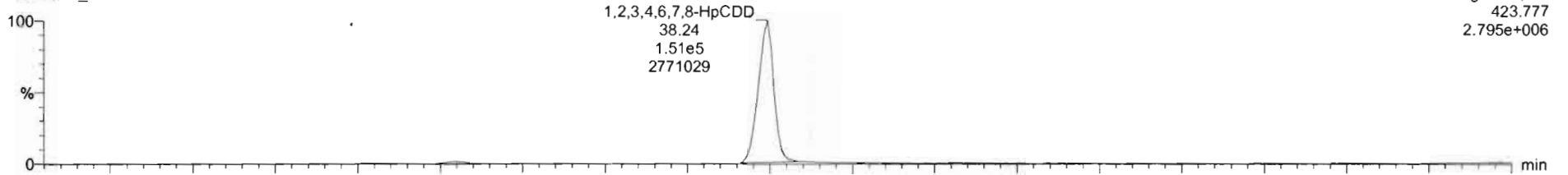
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

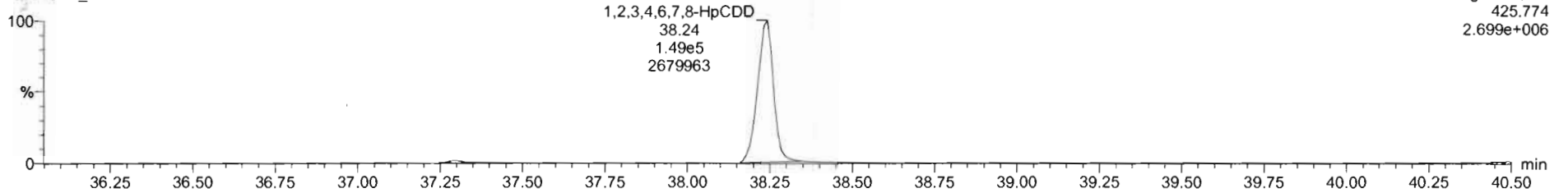
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1,2,3,4,6,7,8-HpCDD

200919R2_7

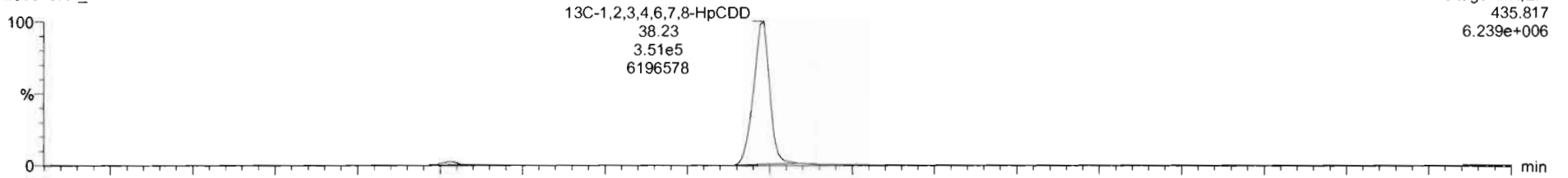


200919R2_7

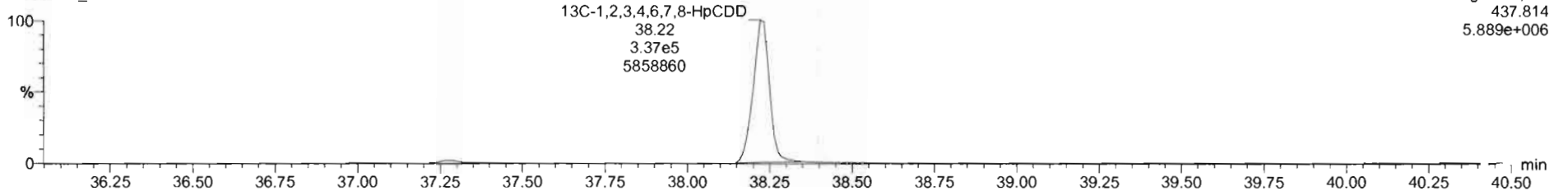


13C-1,2,3,4,6,7,8-HpCDD

200919R2_7



200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

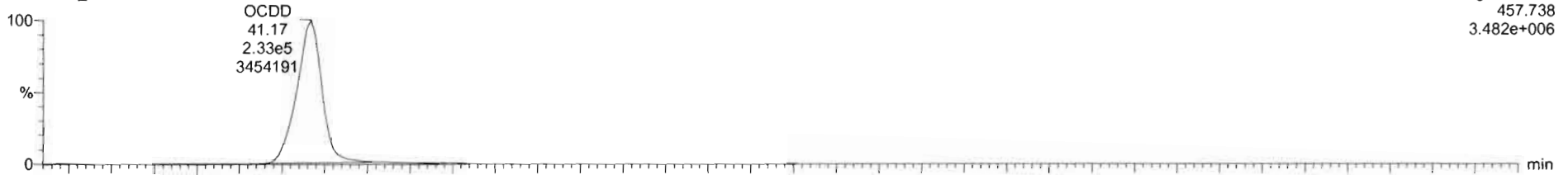
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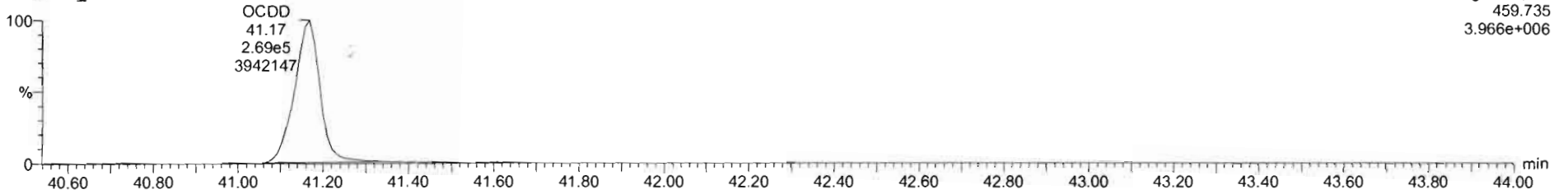
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OCDD

200919R2_7

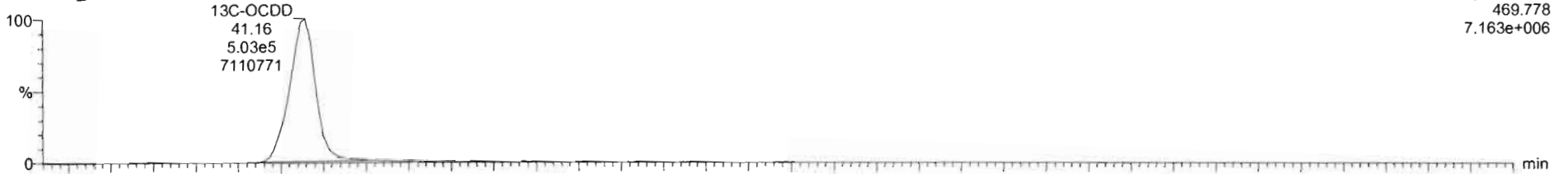


200919R2_7

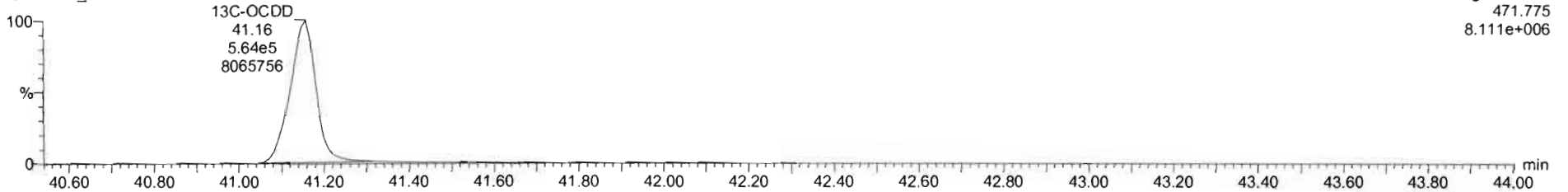


13C-OCDD

200919R2_7



200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

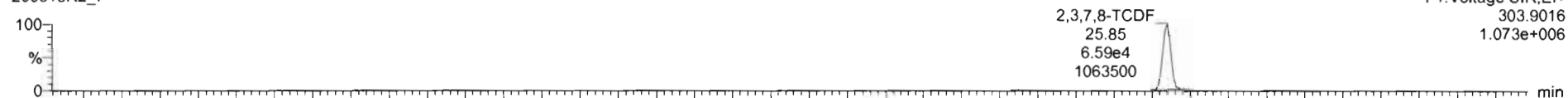
Last Altered: Monday, September 21, 2020 11:51:44 Pacific Daylight Time

Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS 10L2308

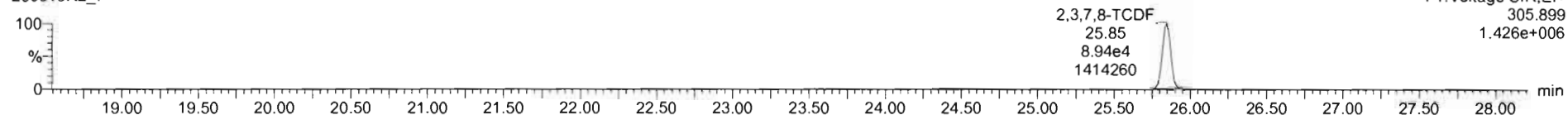
2,3,7,8-TCDF

200919R2_7



F1: Voltage SIR, EI+
303.9016
1.073e+006

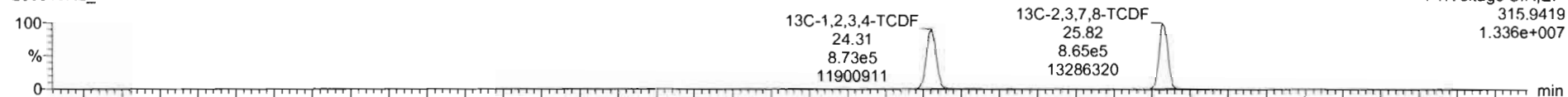
200919R2_7



F1: Voltage SIR, EI+
305.899
1.426e+006

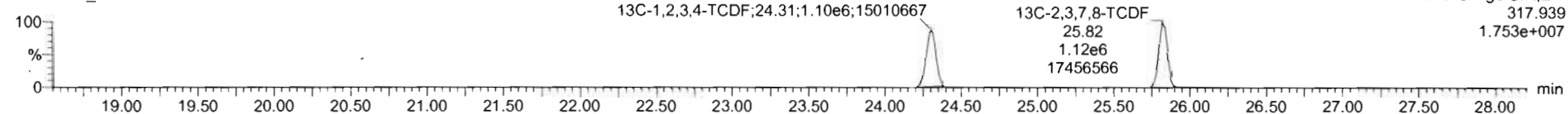
13C-2,3,7,8-TCDF

200919R2_7



F1: Voltage SIR, EI+
315.9419
1.336e+007

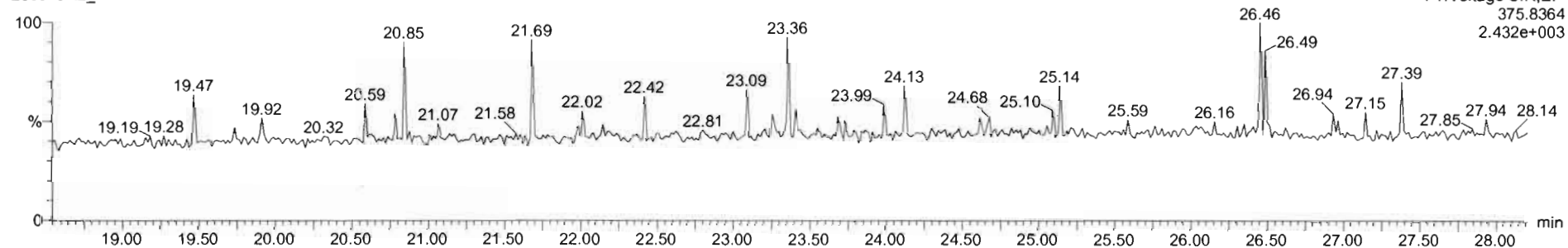
200919R2_7



F1: Voltage SIR, EI+
317.939
1.753e+007

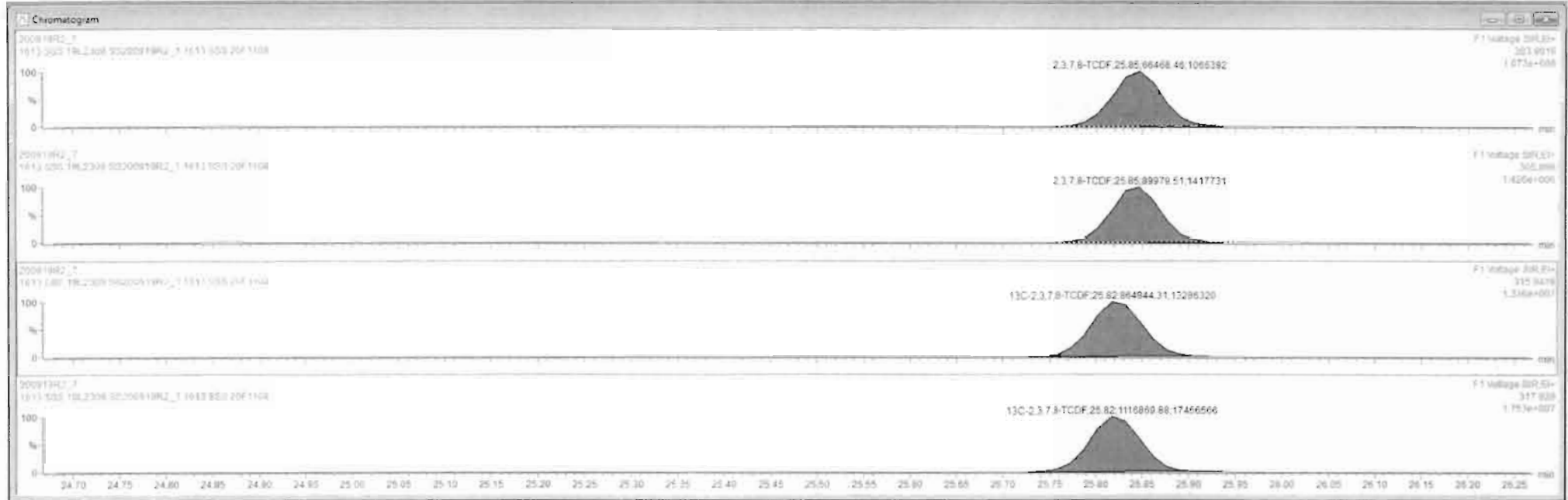
DPE1

200919R2_7



F1: Voltage SIR, EI+
375.8364
2.432e+003

#	Name	Resp	Rn	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDF	1.50e5	0.77	ND	1.01	1.000	28.81	1.001	10.4	104	0.0176	13.4
2	1,2,3,7,8-PeCDD	5.22e5	0.82	ND	0.88	1.000	31.11	1.000	81.0	104	0.2658	81.8
3	1,2,3,4,7,8-HxCDD	4.11e5	1.23	ND	1.01	1.000	34.42	1.000	52.9	108	0.0750	52.9
4	1,2,3,6,7,8-HxCDD	4.31e5	1.24	ND	0.89	1.000	34.94	1.000	58.4	112	0.0750	58.4
5	1,2,3,7,8,9-HxCDD	4.12e5	1.23	ND	0.91	1.000	34.82	1.000	52.7	108	0.0750	52.7
6	1,2,3,4,6,7,8-HpCDD	3.58e5	1.01	ND	0.83	1.000	36.24	1.000	52.7	105	0.137	52.7
7	OCDD	5.22e5	0.87	ND	0.88	1.000	41.17	1.000	111	111	0.246	111
8	2,3,7,8-TCDF	1.56e5	0.74	ND	0.74	1.000	28.88	1.001	10.7	107	0.0278	10.7
9	1,2,3,7,8-PeCDF	7.86e5	1.54	ND	0.94	1.000	29.87	1.001	51.5	103	0.0620	51.5
10	1,2,3,4,7,8-HxCDF	8.53e5	1.53	ND	1.08	1.000	30.93	1.000	54.0	108	0.0569	54.0
11	1,2,3,4,7,8,9-HxCDF	4.81e5	1.19	ND	0.94	1.000	33.51	1.000	55.3	111	0.0860	55.3
12	1,2,3,6,7,8-HxCDF	4.72e5	1.19	ND	0.89	1.000	33.88	1.001	54.0	109	0.0867	54.0
13	1,2,3,4,6,7,8-HpCDF	4.48e5	1.20	ND	0.97	1.000	34.57	1.001	64.4	111	0.104	64.4



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

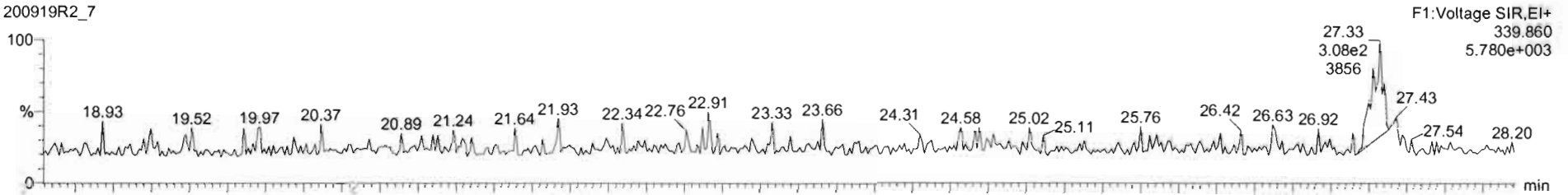
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

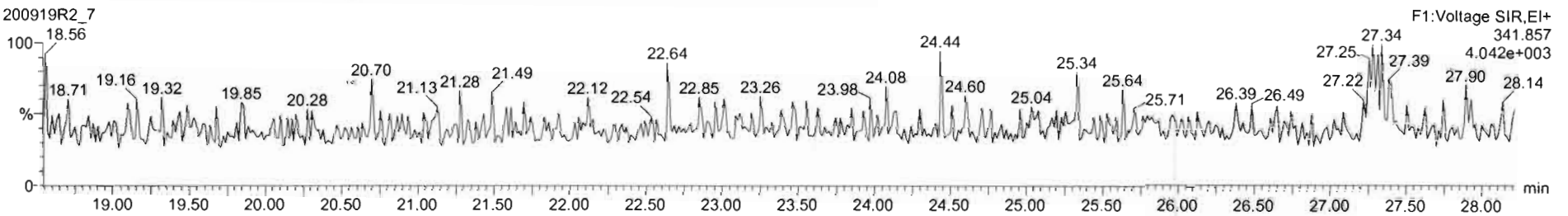
Name: 200919R2_7, Date: 19-Sep-2020, Time: 18:04:53, ID: SS200919R2_1 1613 SSS 20F1108, Description: 1613 SSS ~~19L230a~~

1st Func. Penta-Furans

200919R2_7

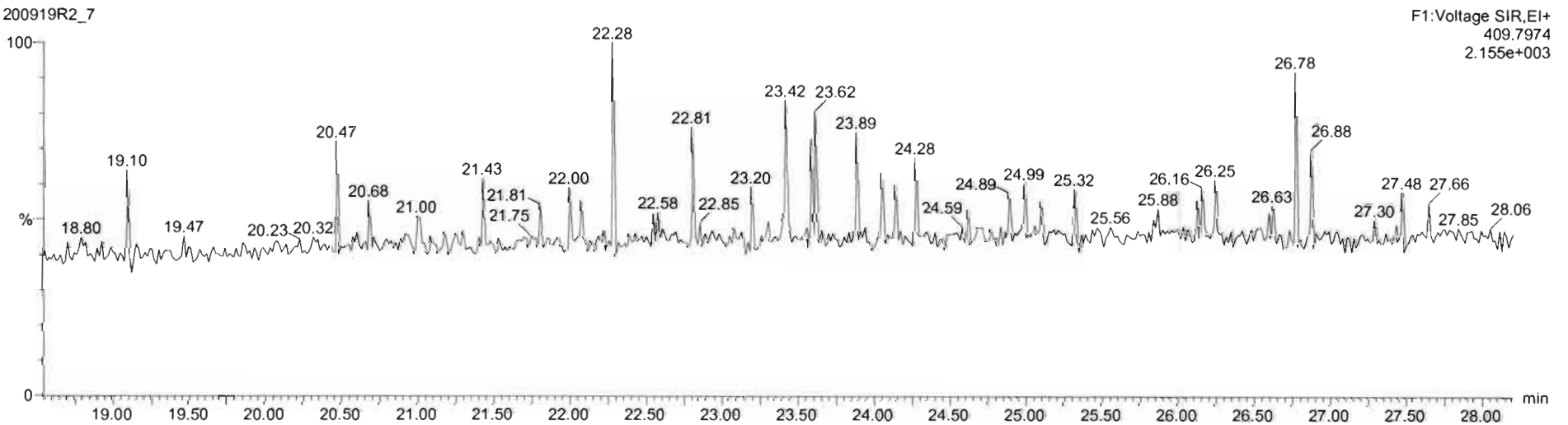


200919R2_7



DPE6

200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

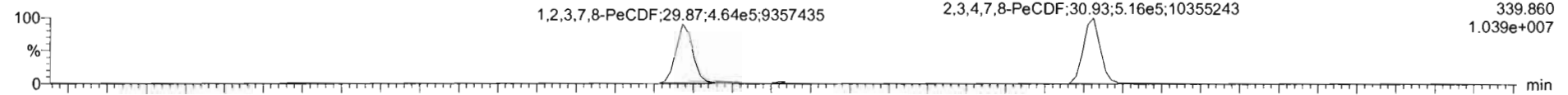
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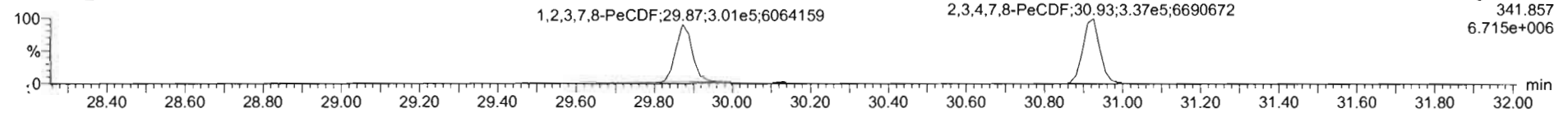
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1,2,3,7,8-PeCDF

200919R2_7

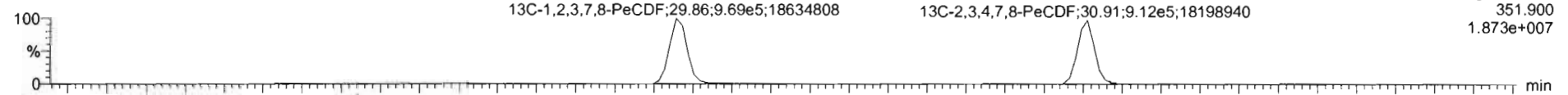


200919R2_7

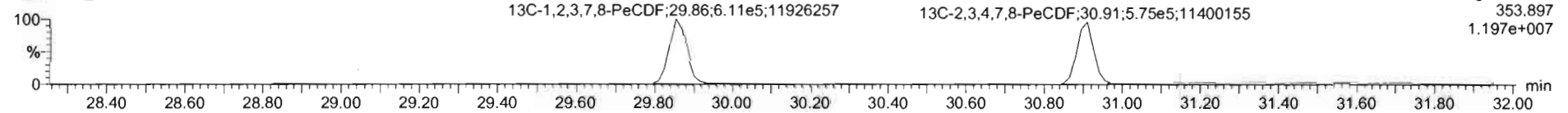


13C-1,2,3,7,8-PeCDF

200919R2_7

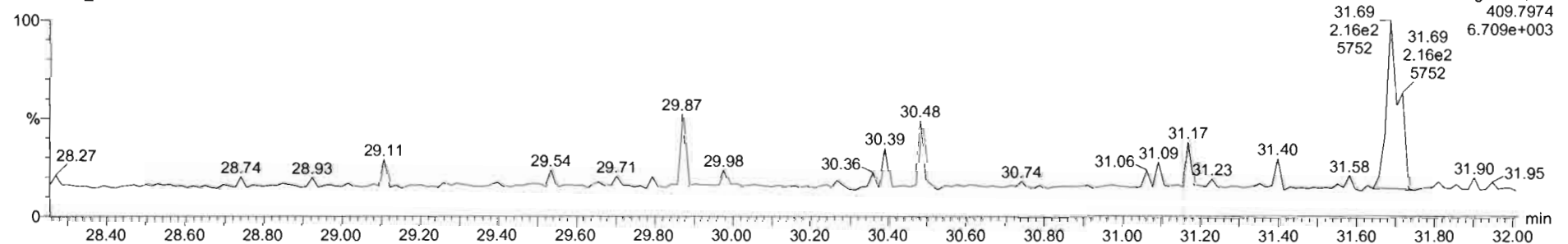


200919R2_7



DPE2

200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

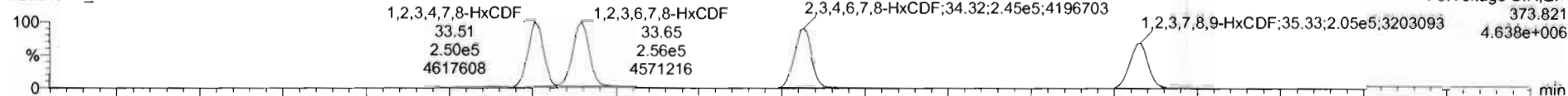
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

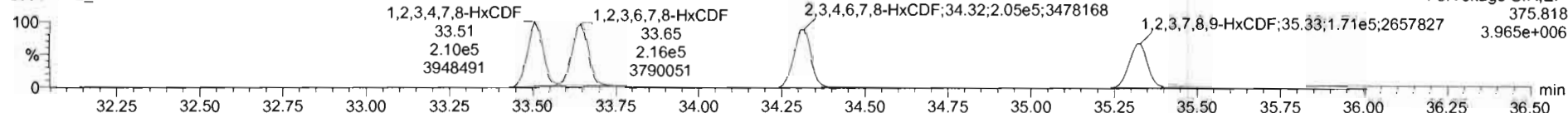
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1,2,3,4,7,8-HxCDF

200919R2_7

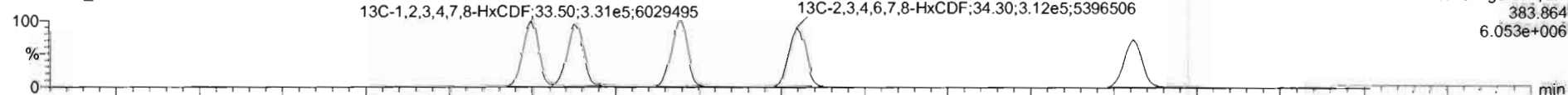


200919R2_7

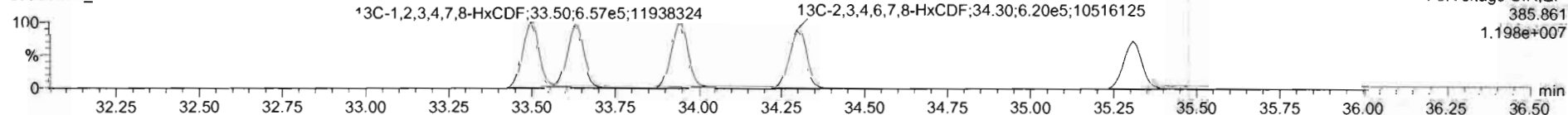


13C-1,2,3,4,7,8-HxCDF

200919R2_7

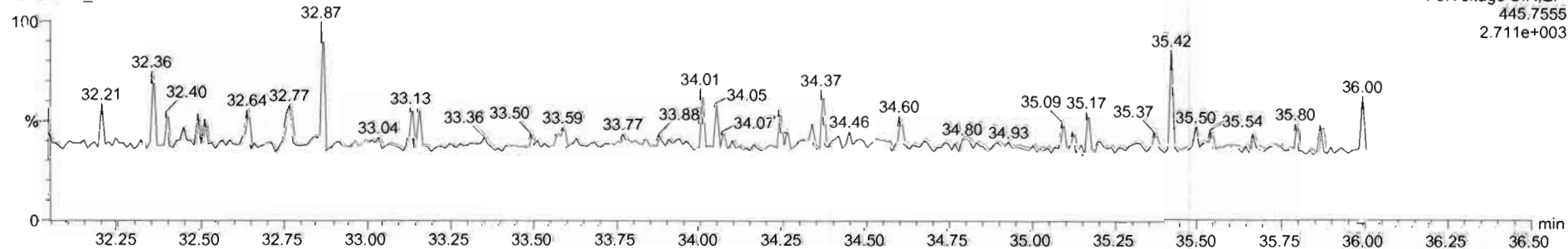


200919R2_7



DPE3

200919R2_7



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

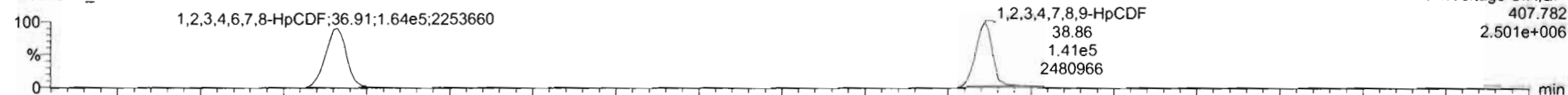
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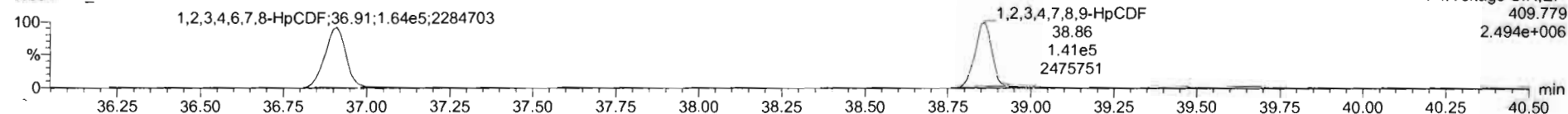
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1,2,3,4,6,7,8-HpCDF

200919R2_7

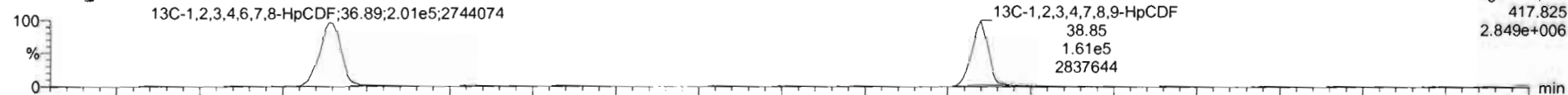


200919R2_7

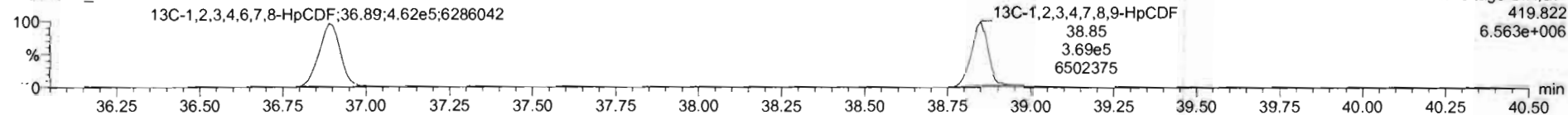


13C-1,2,3,4,6,7,8-HpCDF

200919R2_7

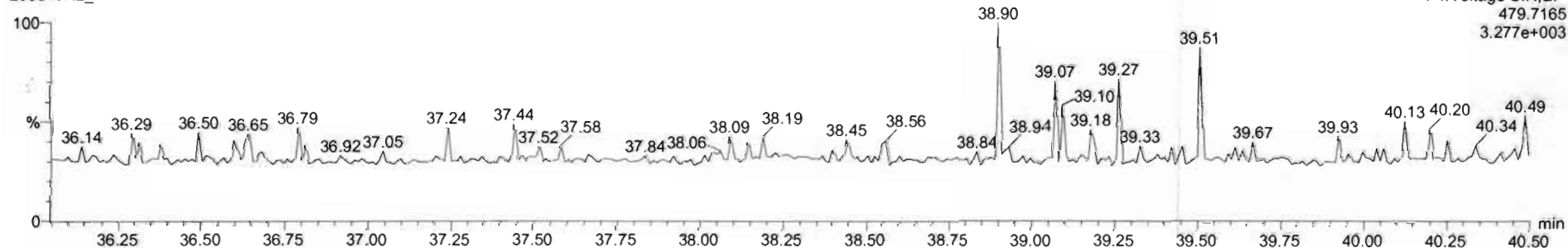


200919R2_7

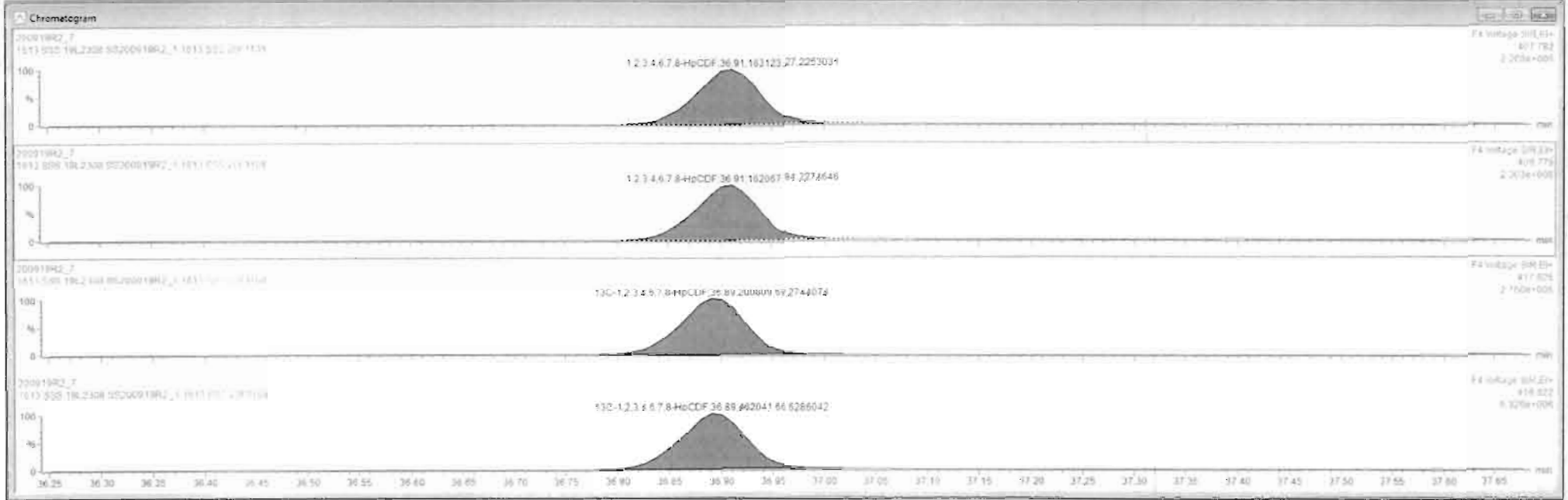


DPE4

200919R2_7



#	Name	Resp	IS Resp	Prod RA	RA	ny	RRF	Pre RT	RT	RT Flag	Pre RRT	RRT	Conc	SySec	STD out
10	12-1,2,4,7,8-HxCDF	8.53e5	1.49e5	1.55	1.53	NO	1.0495	33.94	33.93	NO	1.001	1.000	54.5	109	NO
11	12-1,2,3,4,7,8-HxCDF	4.61e5	8.89e5	1.24	1.19	NO	0.8428	33.50	33.51	NO	1.000	1.000	55.3	111	NO
12	12-1,3,6,7,8-HxCDF	4.72e5	9.75e5	1.24	1.19	NO	0.5880	33.83	33.85	NO	1.000	1.001	54.4	109	NO
13	12-1,3,4,6,7,8-HxCDF	4.49e5	9.32e5	1.24	1.20	NO	0.9080	34.32	34.32	NO	1.001	1.001	55.5	111	NO
14	12-1,3,7,8,9-HxCDF	3.76e5	9.25e5	1.24	1.20	NO	0.8537	35.33	35.33	NO	1.001	1.001	53.4	107	NO
15	12-1,3,4,6,7,8-HxCDF	5.25e5	6.63e5	1.04	1.01	NO	0.8840	36.90	36.91	NO	1.001	1.001	54.9	110	NO
16	12-1,3,4,7,8,9-HxCDF	2.62e5	3.30e5	1.04	1.00	NO	0.8908	36.85	36.86	NO	1.000	1.000	53.7	107	NO
17	OCDF	4.87e5	1.16e5	0.89	0.87	NO	0.7380	41.44	41.48	NO	1.000	1.000	107	107	NO
18	13C-1,2,3,7,8-TCDD	1.43e6	1.26e6	0.77	0.79	NO	1.1521	26.48	26.49	NO	1.029	1.029	98.3	98.3	NO
19	13C-1,2,3,7,8-PeCDD	1.05e6	1.26e6	0.83	0.83	NO	0.5067	31.58	31.59	NO	1.207	1.208	93.9	93.9	NO
20	13C-1,2,3,4,7,8-HxCDD	7.72e5	1.01e6	1.24	1.27	NO	0.8014	34.42	34.41	NO	1.014	1.014	95.7	95.7	NO
21	13C-1,2,3,6,7,8-HxCDD	6.02e5	1.01e6	1.24	1.20	NO	0.8921	34.54	34.53	NO	1.018	1.017	96.0	96.0	NO
22	13C-1,2,3,7,8,9-HxCDD	8.89e5	1.51e6	1.74	1.74	NO	0.8674	34.61	34.61	NO	1.024	1.024	96.4	96.4	NO



Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

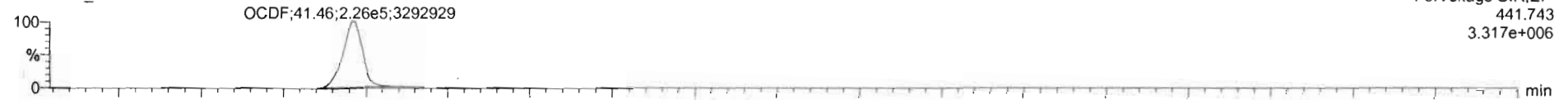
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

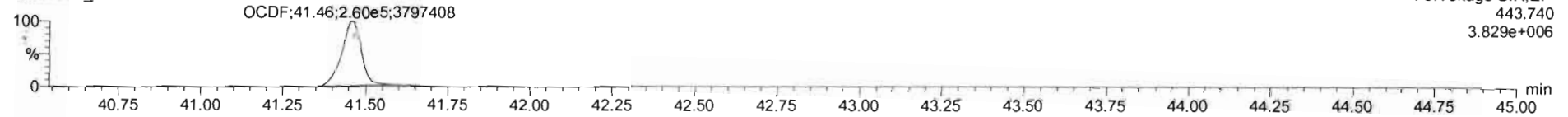
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OCDF

200919R2_7

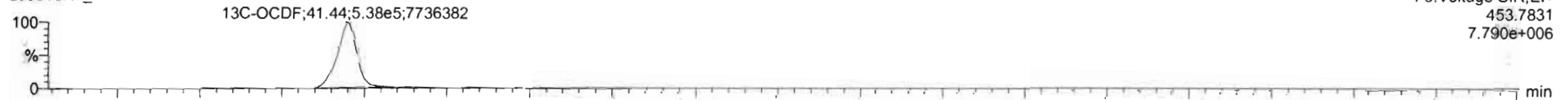


200919R2_7

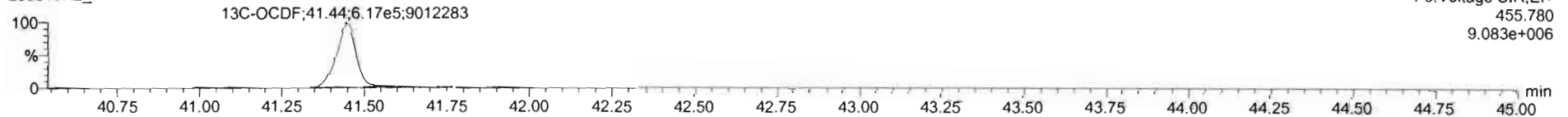


13C-OCDF

200919R2_7

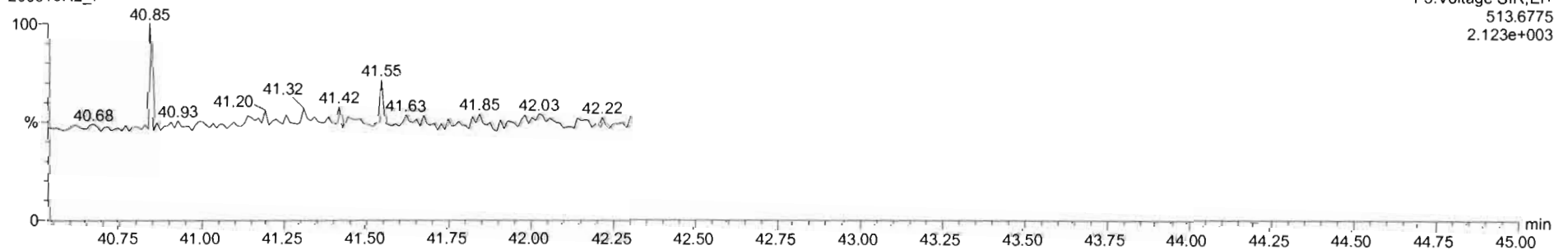


200919R2_7



DPE5

200919R2_7

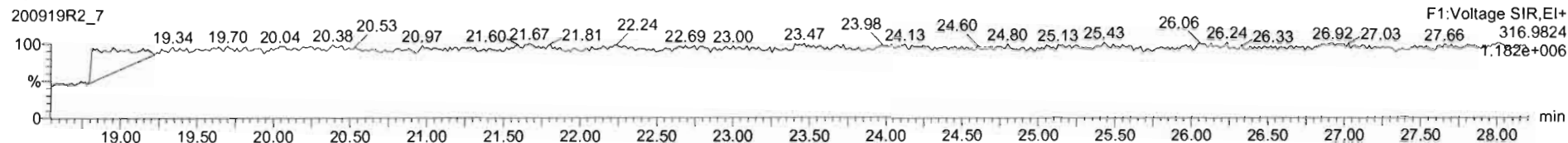


Dataset: U:\VG12.PRO\Results\200919R2\200919R2_7.qld

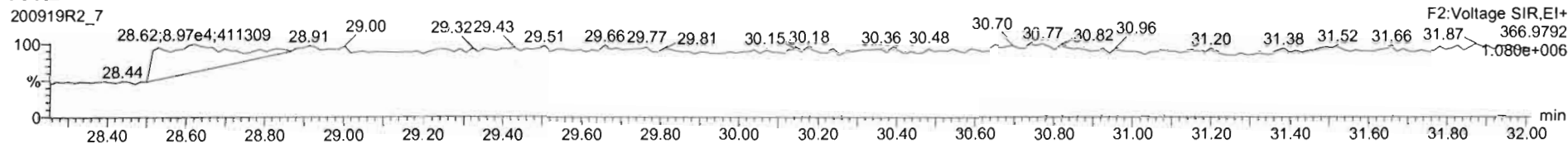
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Printed: Monday, September 21, 2020 11:54:27 Pacific Daylight Time

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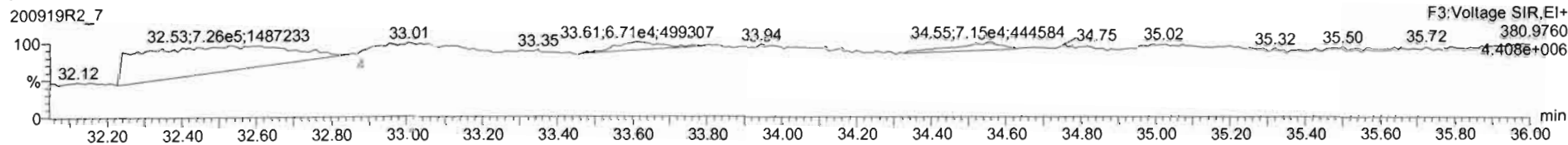
PFK1



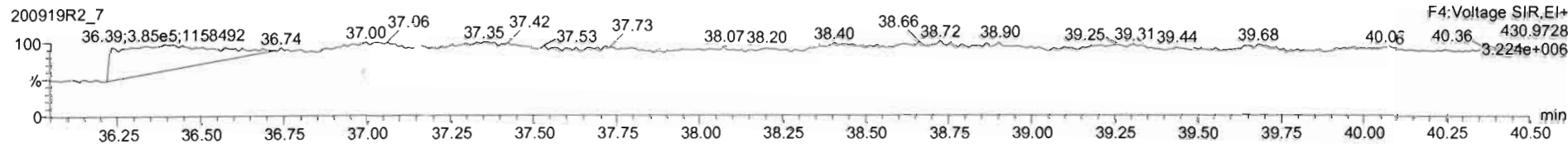
PFK2



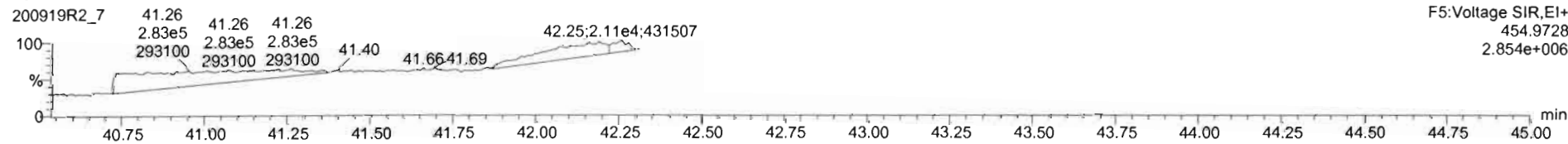
PFK3



PFK4



PFK5



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

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hr 6/2/2020

GT 06/02/2020

Begin Rescheck: 1 mass under 10K

End Rescheck: some mass affected by column bleed.

Method: Untitled 01 Jun 2020 09:39:00

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

-1 mass under 10K

Compound name: PCB-1

Response Factor: 1.1683

RRF SD: 0.0700662, Relative SD: 5.99729

Response type: Internal Std (Ref 169), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	2.96	NO	15.52	1.001	6.24e3	2.37e6	0.225	-9.8	1.05	MM
200601K1_2	1.00	3.13	NO	15.53	1.001	2.90e4	2.53e6	0.981	-1.9	1.15	bb
200601K1_3	2.50	3.13	NO	15.56	1.002	7.00e4	2.46e6	2.44	-2.6	1.14	bb
200601K1_4	50.0	3.09	NO	15.54	1.001	1.47e6	2.44e6	51.7	3.3	1.21	bb
200601K1_5	400	3.02	NO	15.54	1.001	1.26e7	2.52e6	426	6.5	1.24	bb
200601K1_6	1000	3.09	NO	15.56	1.002	2.96e7	2.44e6	1040	4.4	1.22	bb

Compound name: PCB-2

Response Factor: 1.1828

RRF SD: 0.0716252, Relative SD: 6.05556

Response type: Internal Std (Ref 170), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	3.12	NO	17.93	0.988	8.58e3	2.41e6	0.231	-7.7	1.09	bb
200601K1_2	1.00	3.07	NO	17.94	0.988	2.89e4	2.58e6	0.945	-5.5	1.12	bb
200601K1_3	2.50	3.06	NO	17.95	0.988	7.31e4	2.54e6	2.43	-2.6	1.15	bb
200601K1_4	50.0	3.10	NO	17.95	0.988	1.51e6	2.46e6	51.9	3.8	1.23	bb
200601K1_5	400	3.09	NO	17.95	0.988	1.30e7	2.59e6	426	6.5	1.26	bb
200601K1_6	1000	3.10	NO	17.95	0.988	3.06e7	2.47e6	1060	5.6	1.25	bb

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Compound name: PCB-3
 Response Factor: 1.14833
 RRF SD: 0.0822518, Relative SD: 7.16272
 Response type: Internal Std (Ref 170), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	3.08	NO	18.17	1.001	6.28e3	2.41e6	0.227	-9.2	1.04	MM
2	200601K1_2	1.00	2.84	NO	18.18	1.001	2.75e4	2.58e6	0.928	-7.2	1.07	bb
3	200601K1_3	2.50	3.01	NO	18.19	1.001	7.13e4	2.54e6	2.45	-2.1	1.12	bb
4	200601K1_4	50.0	3.06	NO	18.19	1.001	1.48e6	2.46e6	52.8	5.1	1.21	bb
5	200601K1_5	400	3.08	NO	18.19	1.001	1.27e7	2.59e6	428	7.1	1.23	bb
6	200601K1_6	1000	3.07	NO	18.19	1.001	3.01e7	2.47e6	1060	6.3	1.22	bb

Compound name: PCB-4/10
 Response Factor: 1.24809
 RRF SD: 0.0718691, Relative SD: 5.75833
 Response type: Internal Std (Ref 171), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.39	NO	19.58	1.004	9.34e3	1.57e6	0.477	-4.5	1.19	MM
2	200601K1_2	2.00	1.82	NO	19.59	1.004	4.01e4	1.72e6	1.87	-6.5	1.17	MM
3	200601K1_3	5.00	1.58	NO	19.60	1.004	9.94e4	1.67e6	4.78	-4.5	1.19	MM
4	200601K1_4	100	1.53	NO	19.60	1.004	2.09e6	1.62e6	104	3.5	1.29	MM
5	200601K1_5	800	1.55	NO	19.60	1.004	1.82e7	1.72e6	850	6.2	1.33	MM
6	200601K1_6	2000	1.55	NO	19.60	1.004	4.30e7	1.63e6	2110	5.7	1.32	MM

Compound name: PCB-7/9
 Response Factor: 0.960107
 RRF SD: 0.0555849, Relative SD: 5.76736
 Response type: Internal Std (Ref 172), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.37	NO	21.37	1.002	1.15e4	2.57e6	0.467	-6.8	0.896	MM
2	200601K1_2	2.00	1.86	NO	21.40	1.003	5.04e4	2.77e6	1.90	-5.2	0.910	MM

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Compound name: PCB-7/9

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.59	NO	21.38	1.002	1.26e5	2.71e6	4.84	-3.2	0.930	bb
200801K1_4	100	1.55	NO	21.41	1.003	2.56e6	2.81e6	103	2.5	0.985	bb
200801K1_5	800	1.55	NO	21.40	1.002	2.25e7	2.73e6	859	7.3	1.03	bb
200801K1_6	2000	1.55	NO	21.41	1.003	5.31e7	2.83e6	2100	5.1	1.01	bb

Compound name: PCB-8

Response Factor: 1.02356

RRF SD: 0.0533669, Relative SD: 5.21385

Response type: Internal Std (Ref 172), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.35	NO	22.04	1.033	6.56e3	2.57e6	0.249	-0.3	1.02	MM
200801K1_2	1.00	1.61	NO	22.05	1.033	2.62e4	2.77e6	0.925	-7.5	0.947	bb
200801K1_3	2.50	1.52	NO	22.06	1.033	6.65e4	2.71e6	2.40	-4.1	0.981	bb
200801K1_4	50.0	1.56	NO	22.06	1.033	1.35e6	2.81e6	50.5	0.9	1.03	bb
200801K1_5	400	1.57	NO	22.06	1.033	1.19e7	2.73e6	425	6.4	1.09	bb
200801K1_6	1000	1.56	NO	22.06	1.033	2.82e7	2.83e6	1050	4.8	1.07	bb

Compound name: PCB-5/8

Response Factor: 0.992495

RRF SD: 0.0686245, Relative SD: 6.71283

Response type: Internal Std (Ref 172), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.47	NO	22.45	1.053	1.15e4	2.57e6	0.452	-9.5	0.898	MM
200801K1_2	2.00	1.46	NO	22.45	1.052	5.24e4	2.77e6	1.91	-4.7	0.946	MM
200801K1_3	5.00	1.56	NO	22.46	1.052	1.31e5	2.71e6	4.86	-2.9	0.964	bb
200801K1_4	100	1.55	NO	22.46	1.052	2.88e6	2.81e6	103	3.5	1.03	bb
200801K1_5	800	1.55	NO	22.46	1.052	2.33e7	2.73e6	859	7.4	1.07	bb
200801K1_6	2000	1.55	NO	22.46	1.052	5.55e7	2.83e6	2120	6.2	1.05	bb

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Compound name: PCB-14
 Response Factor: 1.01729
 RRF SD: 0.0674193, Relative SD: 6.62732
 Response type: Internal Std (Ref 173), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.49	NO	23.59	0.952	5.81e3	2.53e6	0.225	-9.8	0.917	MM
200601K1_2	1.00	1.55	NO	23.59	0.951	2.88e4	2.70e6	0.977	-2.3	0.994	bb
200601K1_3	2.50	1.59	NO	23.60	0.951	6.81e4	2.71e6	2.40	-4.1	0.975	bd
200601K1_4	50.0	1.57	NO	23.60	0.951	1.35e6	2.56e6	51.9	3.9	1.06	bb
200601K1_5	400	1.55	NO	23.60	0.951	1.19e7	2.70e6	433	8.3	1.10	bb
200601K1_6	1000	1.57	NO	23.60	0.951	2.85e7	2.69e6	1040	4.1	1.06	bb

Compound name: PCB-11
 Response Factor: 1.12639
 RRF SD: 0.0395035, Relative SD: 3.50708
 Response type: Internal Std (Ref 173), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.34	NO	24.81	1.001	7.25e3	2.53e6	0.254	1.7	1.15	MM
200601K1_2	1.00	1.51	NO	24.81	1.001	2.94e4	2.70e6	0.967	-3.3	1.09	MM
200601K1_3	2.50	1.51	NO	24.82	1.001	7.22e4	2.71e6	2.37	-5.3	1.07	db
200601K1_4	50.0	1.57	NO	24.82	1.001	1.46e6	2.56e6	50.8	1.5	1.14	MM
200601K1_5	400	1.56	NO	24.82	1.001	1.26e7	2.70e6	415	3.8	1.17	db
200601K1_6	1000	1.57	NO	24.82	1.001	3.07e7	2.69e6	1020	1.8	1.14	db

Compound name: PCB-12/13
 Response Factor: 1.02668
 RRF SD: 0.0663406, Relative SD: 6.46163
 Response type: Internal Std (Ref 173), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.36	NO	25.18	1.016	1.35e4	2.53e6	0.518	3.7	1.06	MM
200601K1_2	2.00	1.58	NO	25.25	1.016	5.17e4	2.70e6	1.87	-6.7	0.958	MM

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Compound name: PCB-12/13

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_3	5.00	1.60	NO	25.20	1.016	1.34e5	2.71e6	4.80	-4.0	0.985	MM
200801K1_4	100	1.54	NO	25.20	1.016	2.71e6	2.56e6	103	3.3	1.06	MM
200801K1_5	800	1.54	NO	25.20	1.016	2.37e7	2.70e6	855	6.9	1.10	MM
200801K1_6	2000	1.56	NO	25.20	1.016	5.78e7	2.69e6	2100	4.8	1.08	MM

Compound name: PCB-15

Response Factor: 1.03482

RRF SD: 0.0605674, Relative SD: 5.85293

Response type: Internal Std (Ref 173), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.40	NO	25.53	1.030	6.04e3	2.53e6	0.231	-7.8	0.954	MM
200801K1_2	1.00	1.58	NO	25.54	1.030	2.67e4	2.70e6	0.954	-4.6	0.987	MM
200801K1_3	2.50	1.51	NO	25.55	1.030	6.80e4	2.71e6	2.42	-3.1	1.00	MM
200801K1_4	50.0	1.55	NO	25.55	1.030	1.39e6	2.56e6	52.4	4.7	1.06	MM
200801K1_5	400	1.55	NO	25.55	1.030	1.18e7	2.70e6	423	5.8	1.10	MM
200801K1_6	1000	1.55	NO	25.55	1.030	2.92e7	2.69e6	1050	4.9	1.09	MM

Compound name: PCB-19

Response Factor: 1.10626

RRF SD: 0.0710209, Relative SD: 6.41991

Response type: Internal Std (Ref 174), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.12	NO	23.77	1.001	3.44e3	1.32e6	0.236	-5.6	1.04	MM
200801K1_2	1.00	1.08	NO	23.78	1.001	1.48e4	1.42e6	0.945	-5.5	1.05	bb
200801K1_3	2.50	1.05	NO	23.78	1.001	3.64e4	1.39e6	2.36	-5.7	1.04	MM
200801K1_4	50.0	1.01	NO	23.78	1.001	7.58e5	1.33e6	51.5	3.1	1.14	bb
200801K1_5	400	1.02	NO	23.78	1.001	6.75e6	1.40e6	435	6.8	1.20	bb
200801K1_6	1000	1.02	NO	23.78	1.001	1.61e7	1.39e6	1050	4.9	1.16	bb

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Compound name: PCB-30
 Response Factor: 1.79419
 RRF SD: 0.128021, Relative SD: 7.1353
 Response type: Internal Std (Ref 174), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.15	NO	24.68	1.039	5.58e3	1.32e6	0.236	-5.5	1.70	MM
200601K1_2	1.00	1.03	NO	24.69	1.039	2.35e4	1.42e6	0.926	-7.4	1.66	MM
200601K1_3	2.50	1.05	NO	24.70	1.039	5.87e4	1.39e6	2.35	-6.2	1.68	MM
200601K1_4	50.0	1.03	NO	24.70	1.039	1.24e6	1.33e6	52.0	4.0	1.87	bb
200601K1_5	400	1.01	NO	24.70	1.039	1.09e7	1.40e6	435	8.8	1.95	bb
200601K1_6	1000	1.03	NO	24.70	1.039	2.65e7	1.39e6	1080	6.3	1.91	bb

Compound name: PCB-18
 Response Factor: 0.81773
 RRF SD: 0.0320259, Relative SD: 3.91644
 Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.07	NO	25.45	0.952	4.02e3	1.93e6	0.254	1.6	0.831	MM
200601K1_2	1.00	1.04	NO	25.46	0.952	1.62e4	2.07e6	0.957	-4.3	0.782	bd
200601K1_3	2.50	1.04	NO	25.46	0.952	3.92e4	2.03e6	2.37	-5.2	0.775	bd
200601K1_4	50.0	1.01	NO	25.47	0.952	8.23e5	1.97e6	51.0	2.0	0.834	bd
200601K1_5	400	1.03	NO	25.47	0.952	7.32e6	2.13e6	419	4.8	0.857	bd
200601K1_6	1000	1.02	NO	25.46	0.952	1.78e7	2.16e6	1010	1.0	0.826	bd

Compound name: PCB-17
 Response Factor: 0.758399
 RRF SD: 0.0346137, Relative SD: 4.56405
 Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	25.64	0.959	3.52e3	1.93e6	0.240	-3.8	0.729	MM
200601K1_2	1.00	1.09	NO	25.64	0.958	1.49e4	2.07e6	0.951	-4.9	0.721	db

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Compound name: PCB-17

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_3	2.50	1.04	NO	25.64	0.958	3.72e4	2.03e6	2.42	-3.2	0.734	MM
200601K1_4	50.0	1.01	NO	25.65	0.959	7.73e5	1.97e6	51.6	3.3	0.783	db
200601K1_5	400	1.04	NO	25.65	0.959	6.87e6	2.13e6	424	6.0	0.804	db
200601K1_6	1000	1.02	NO	25.65	0.959	1.68e7	2.16e6	1030	2.7	0.779	db

Compound name: PCB-24/27

Response Factor: 1.08206

RRF SD: 0.0492171, Relative SD: 4.54845

Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	1.04	NO	26.22	0.980	9.84e3	1.93e6	0.471	-5.8	1.02	MM
200601K1_2	2.00	1.02	NO	26.23	0.980	4.42e4	2.07e6	1.97	-1.4	1.07	bb
200601K1_3	5.00	1.02	NO	26.24	0.981	1.05e5	2.03e6	4.79	-4.2	1.04	bb
200601K1_4	100	1.02	NO	26.24	0.981	2.21e6	1.97e6	104	3.6	1.12	bb
200601K1_5	800	1.02	NO	26.24	0.981	1.95e7	2.13e6	845	5.6	1.14	bb
200601K1_6	2000	1.03	NO	26.24	0.981	4.77e7	2.16e6	2050	2.3	1.11	bb

Compound name: PCB-16/32

Response Factor: 0.925439

RRF SD: 0.0403363, Relative SD: 4.35861

Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	1.07	NO	26.75	1.000	8.78e3	1.93e6	0.491	-1.8	0.909	bb
200601K1_2	2.00	1.07	NO	26.76	1.000	3.61e4	2.07e6	1.88	-5.9	0.871	bb
200601K1_3	5.00	1.03	NO	26.77	1.001	9.09e4	2.03e6	4.85	-3.0	0.898	MM
200601K1_4	100	1.02	NO	26.77	1.001	1.87e6	1.97e6	103	2.8	0.950	bb
200601K1_5	800	1.02	NO	26.77	1.001	1.68e7	2.13e6	849	6.1	0.982	bb
200601K1_6	2000	1.01	NO	26.77	1.001	4.07e7	2.16e6	2040	2.0	0.944	bb

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Compound name: PCB-34
 Response Factor: 0.945495
 RRF SD: 0.0781691, Relative SD: 8.26754
 Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.14	NO	27.58	0.959	4.74e3	2.38e6	0.211	-15.8	0.797	MM
2	200601K1_2	1.00	1.01	NO	27.58	0.959	2.43e4	2.38e6	1.08	8.0	1.02	bd
3	200601K1_3	2.50	1.02	NO	27.58	0.959	5.47e4	2.33e6	2.48	-0.8	0.939	bd
4	200601K1_4	50.0	1.05	NO	27.58	0.959	1.08e6	2.26e6	50.5	0.9	0.954	bd
5	200601K1_5	400	1.08	NO	27.58	0.959	9.47e6	2.40e6	418	4.4	0.987	bd
6	200601K1_6	1000	1.03	NO	27.58	0.959	2.33e7	2.39e6	1030	3.1	0.975	bd

Compound name: PCB-23
 Response Factor: 0.882931
 RRF SD: 0.0420273, Relative SD: 4.75998
 Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.03	NO	27.67	0.962	5.14e3	2.38e6	0.245	-2.0	0.865	MM
2	200601K1_2	1.00	1.07	NO	27.67	0.962	1.97e4	2.38e6	0.935	-6.5	0.826	db
3	200601K1_3	2.50	1.04	NO	27.67	0.962	4.95e4	2.33e6	2.40	-3.8	0.849	db
4	200601K1_4	50.0	1.05	NO	27.67	0.962	1.05e6	2.26e6	52.8	5.3	0.930	dd
5	200601K1_5	400	1.07	NO	27.67	0.962	8.81e6	2.40e6	416	3.9	0.918	db
6	200601K1_6	1000	1.07	NO	27.67	0.962	2.18e7	2.39e6	1030	3.1	0.910	db

Compound name: PCB-29
 Response Factor: 0.892811
 RRF SD: 0.0395517, Relative SD: 4.43002
 Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.11	NO	27.91	0.971	4.92e3	2.38e6	0.232	-7.2	0.828	MM
2	200601K1_2	1.00	1.12	NO	27.93	0.971	2.20e4	2.38e6	1.03	3.1	0.921	bd

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Compound name: PCB-29

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.01	NO	27.93	0.971	5.03e4	2.33e6	2.42	-3.2	0.864	bd
200601K1_4	50.0	1.06	NO	27.93	0.971	1.02e6	2.26e6	50.2	0.5	0.897	dd
200601K1_5	400	1.06	NO	27.93	0.971	8.95e6	2.40e6	418	4.5	0.933	bb
200601K1_6	1000	1.02	NO	27.93	0.971	2.19e7	2.39e6	1020	2.4	0.914	bb

Compound name: PCB-26

Response Factor: 0.943921

RRF SD: 0.0501146, Relative SD: 5.3082

Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	28.14	0.979	5.11e3	2.38e6	0.227	-9.0	0.859	MM
200601K1_2	1.00	1.04	NO	28.16	0.979	2.24e4	2.38e6	0.996	-0.4	0.940	dd
200601K1_3	2.50	1.07	NO	28.16	0.979	5.36e4	2.33e6	2.44	-2.4	0.921	dd
200601K1_4	50.0	1.06	NO	28.16	0.979	1.10e6	2.26e6	51.3	2.5	0.968	dd
200601K1_5	400	1.07	NO	28.16	0.979	9.80e6	2.40e6	424	5.9	1.00	bd
200601K1_6	1000	1.04	NO	28.16	0.979	2.34e7	2.39e6	1030	3.4	0.976	bd

Compound name: PCB-25

Response Factor: 0.949875

RRF SD: 0.0334033, Relative SD: 3.5166

Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.13	NO	28.31	0.984	5.29e3	2.38e6	0.234	-6.4	0.889	MM
200601K1_2	1.00	1.09	NO	28.32	0.984	2.23e4	2.38e6	0.985	-1.5	0.935	db
200601K1_3	2.50	1.03	NO	28.32	0.984	5.65e4	2.33e6	2.55	2.1	0.970	db
200601K1_4	50.0	1.08	NO	28.32	0.984	1.08e6	2.26e6	50.4	0.7	0.957	db
200601K1_5	400	1.04	NO	28.32	0.984	9.41e6	2.40e6	413	3.2	0.960	db
200601K1_6	1000	1.04	NO	28.32	0.984	2.32e7	2.39e6	1020	1.9	0.968	db

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Compound name: PCB-31
 Response Factor: 1.03628
 RRF SD: 0.032755, Relative SD: 3.16084
 Response type: Internal Std (Ref 178), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.10	NO	28.68	0.997	6.02e3	2.38e6	0.244	-2.3	1.01	MM
2	200801K1_2	1.00	1.05	NO	28.68	0.997	2.45e4	2.38e6	0.993	-0.7	1.03	bd
3	200801K1_3	2.50	1.03	NO	28.68	0.997	5.91e4	2.33e6	2.45	-2.1	1.01	MM
4	200801K1_4	50.0	1.14	NO	28.68	0.997	1.15e6	2.26e6	48.9	-2.1	1.01	bd
5	200801K1_5	400	1.07	NO	28.68	0.997	1.05e7	2.40e6	423	5.8	1.10	bd
6	200801K1_6	1000	1.02	NO	28.68	0.997	2.52e7	2.39e6	1010	1.4	1.05	bd

Compound name: PCB-28
 Response Factor: 1.025
 RRF SD: 0.0755239, Relative SD: 7.36817
 Response type: Internal Std (Ref 178), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.17	NO	28.77	1.001	5.28e3	2.38e6	0.217	-13.3	0.889	MM
2	200801K1_2	1.00	1.04	NO	28.79	1.001	2.41e4	2.38e6	0.984	-1.6	1.01	db
3	200801K1_3	2.50	1.08	NO	28.79	1.001	5.88e4	2.33e6	2.46	-1.5	1.01	db
4	200801K1_4	50.0	1.08	NO	28.79	1.001	1.22e6	2.26e6	52.7	5.5	1.08	db
5	200801K1_5	400	1.08	NO	28.79	1.001	1.04e7	2.40e6	424	6.0	1.09	db
6	200801K1_6	1000	1.02	NO	28.79	1.001	2.57e7	2.39e6	1050	4.9	1.08	db

Compound name: PCB-20/21/33
 Response Factor: 0.941292
 RRF SD: 0.0455201, Relative SD: 4.83592
 Response type: Internal Std (Ref 178), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.750	1.00	NO	29.40	1.023	1.56e4	2.38e6	0.697	-7.1	0.875	MM
2	200801K1_2	3.00	1.08	NO	29.42	1.023	6.54e4	2.38e6	2.91	-2.9	0.914	bb

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Compound name: PCB-20/21/33

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	7.50	1.06	NO	29.42	1.023	1.62e5	2.33e6	7.38	-1.6	0.928	bb
200601K1_4	150	1.07	NO	29.42	1.023	3.24e6	2.28e6	152	1.5	0.955	bb
200601K1_5	1200	1.05	NO	29.42	1.023	2.88e7	2.40e6	1270	6.2	1.00	bb
200601K1_6	3000	1.03	NO	29.42	1.023	7.01e7	2.39e6	3110	3.8	0.977	bb

Compound name: PCB-22

Response Factor: 0.972852

RRF SD: 0.0679212, Relative SD: 6.98165

Response type: Internal Std (Ref 176), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	29.87	1.039	5.07e3	2.38e6	0.219	-12.4	0.853	MM
200601K1_2	1.00	1.14	NO	29.87	1.038	2.26e4	2.38e6	0.972	-2.8	0.948	db
200601K1_3	2.50	1.08	NO	29.89	1.039	5.67e4	2.33e6	2.50	0.1	0.974	bb
200601K1_4	50.0	1.06	NO	29.89	1.039	1.14e6	2.28e6	51.5	3.1	1.00	bb
200601K1_5	400	1.09	NO	29.89	1.039	9.79e6	2.40e6	419	4.8	1.02	bb
200601K1_6	1000	1.06	NO	29.89	1.039	2.49e7	2.39e6	1070	7.1	1.04	bb

Compound name: PCB-36

Response Factor: 1.07599

RRF SD: 0.05125, Relative SD: 4.76304

Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.99	NO	30.50	0.931	5.49e3	2.11e6	0.242	-3.2	1.04	bb
200601K1_2	1.00	0.98	NO	30.50	0.931	2.35e4	2.28e6	0.969	-3.1	1.04	bb
200601K1_3	2.50	1.05	NO	30.50	0.931	5.71e4	2.28e6	2.34	-6.3	1.01	MM
200601K1_4	50.0	1.06	NO	30.52	0.932	1.16e6	2.09e6	51.5	3.1	1.11	bb
200601K1_5	400	1.10	NO	30.52	0.932	9.81e6	2.17e6	421	5.2	1.13	db
200601K1_6	1000	1.05	NO	30.52	0.931	2.55e7	2.27e6	1040	4.3	1.12	db

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Compound name: PCB-39
 Response Factor: 0.968291
 RRF SD: 0.0625968, Relative SD: 6.33405
 Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.06	NO	30.99	0.946	4.77e3	2.11e6	0.229	-8.5	0.904	bb
2	200601K1_2	1.00	1.01	NO	30.99	0.946	2.15e4	2.26e6	0.964	-3.6	0.953	MM
3	200601K1_3	2.50	1.06	NO	30.99	0.946	5.36e4	2.26e6	2.40	-4.2	0.947	db
4	200601K1_4	50.0	1.09	NO	31.00	0.947	1.07e6	2.09e6	51.7	3.3	1.02	db
5	200601K1_5	400	1.09	NO	31.00	0.947	9.22e6	2.17e6	431	7.6	1.06	db
6	200601K1_6	1000	1.04	NO	31.00	0.946	2.36e7	2.27e6	1050	5.3	1.04	db

Compound name: PCB-38
 Response Factor: 1.05188
 RRF SD: 0.0528736, Relative SD: 5.00759
 Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.13	NO	31.78	0.970	5.42e3	2.11e6	0.244	-2.2	1.03	MM
2	200601K1_2	1.00	1.07	NO	31.78	0.970	2.26e4	2.26e6	0.953	-4.7	1.00	dd
3	200601K1_3	2.50	1.04	NO	31.78	0.970	5.62e4	2.26e6	2.38	-5.5	0.994	dd
4	200601K1_4	50.0	1.09	NO	31.78	0.970	1.12e6	2.09e6	51.0	2.1	1.07	dd
5	200601K1_5	400	1.05	NO	31.78	0.970	9.81e6	2.17e6	430	7.5	1.13	dd
6	200601K1_6	1000	1.03	NO	31.78	0.970	2.45e7	2.27e6	1030	2.8	1.08	dd

Compound name: PCB-35
 Response Factor: 1.04369
 RRF SD: 0.0671055, Relative SD: 6.42963
 Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.95	NO	32.33	0.987	5.10e3	2.11e6	0.232	-7.2	0.968	bb
2	200601K1_2	1.00	1.07	NO	32.33	0.987	2.27e4	2.26e6	0.964	-3.6	1.01	MM

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Compound name: PCB-35

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.01	NO	32.33	0.967	5.53e4	2.26e6	2.34	-6.4	0.977	db
200801K1_4	50.0	1.07	NO	32.33	0.967	1.15e6	2.09e6	52.5	5.0	1.10	dd
200801K1_5	400	1.08	NO	32.33	0.967	9.64e6	2.17e6	426	6.8	1.11	dd
200801K1_6	1000	1.08	NO	32.33	0.966	2.50e7	2.27e6	1060	5.6	1.10	dd

Compound name: PCB-37

Response Factor: 1.00907

RRF SD: 0.0813948, Relative SD: 8.0663

Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.04	NO	32.77	1.000	4.58e3	2.11e6	0.215	-13.9	0.869	MM
200801K1_2	1.00	1.09	NO	32.77	1.000	2.21e4	2.26e6	0.972	-2.8	0.981	MM
200801K1_3	2.50	1.04	NO	32.77	1.000	5.65e4	2.26e6	2.47	-1.0	0.999	MM
200801K1_4	50.0	1.05	NO	32.79	1.001	1.10e6	2.09e6	51.9	3.8	1.05	MM
200801K1_5	400	1.04	NO	32.79	1.001	9.57e6	2.17e6	437	9.4	1.10	MM
200801K1_6	1000	1.04	NO	32.79	1.001	2.39e7	2.27e6	1050	4.6	1.06	MM

Compound name: PCB-54

Response Factor: 1.07963

RRF SD: 0.0563853, Relative SD: 5.22166

Response type: Internal Std (Ref 178), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	0.74	NO	27.62	1.001	4.22e3	1.88e6	0.232	-7.1	1.00	MM
200801K1_2	1.00	0.80	NO	27.64	1.001	1.98e4	1.85e6	0.990	-1.0	1.07	bb
200801K1_3	2.50	0.76	NO	27.64	1.001	4.63e4	1.80e6	2.38	-4.9	1.03	bb
200801K1_4	50.0	0.76	NO	27.64	1.001	9.76e5	1.75e6	51.6	3.2	1.11	bb
200801K1_5	400	0.79	NO	27.64	1.001	6.59e6	1.88e6	422	5.8	1.14	bb
200801K1_6	1000	0.77	NO	27.64	1.001	2.11e7	1.88e6	1040	4.2	1.13	bb

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Compound name: PCB-50
 Response Factor: 0.879558
 RRF SD: 0.0380434, Relative SD: 4.3253
 Response type: Internal Std (Ref 178), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.79	NO	28.83	1.044	3.74e3	1.68e6	0.252	1.0	0.888	MM
200601K1_2	1.00	0.80	NO	28.83	1.044	1.52e4	1.85e6	0.932	-6.8	0.820	bb
200601K1_3	2.50	0.75	NO	28.83	1.044	3.83e4	1.80e6	2.41	-3.4	0.849	bb
200601K1_4	50.0	0.75	NO	28.84	1.044	7.79e5	1.75e6	50.8	1.2	0.890	bb
200601K1_5	400	0.75	NO	28.84	1.044	6.88e6	1.88e6	415	3.8	0.913	bb
200601K1_6	1000	0.76	NO	28.84	1.044	1.72e7	1.88e6	1040	4.3	0.917	bb

Compound name: PCB-53
 Response Factor: 0.998734
 RRF SD: 0.0611951, Relative SD: 6.13956
 Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	29.50	0.944	3.27e3	1.37e6	0.240	-4.0	0.956	MM
200601K1_2	1.00	0.75	NO	29.50	0.943	1.40e4	1.50e6	0.934	-6.8	0.931	MM
200601K1_3	2.50	0.78	NO	29.50	0.943	3.39e4	1.44e6	2.35	-5.8	0.939	bb
200601K1_4	50.0	0.77	NO	29.51	0.944	7.19e5	1.38e6	52.4	4.8	1.04	bb
200601K1_5	400	0.78	NO	29.51	0.944	6.47e6	1.51e6	429	7.3	1.07	bb
200601K1_6	1000	0.78	NO	29.51	0.944	1.80e7	1.54e6	1040	4.3	1.04	bb

Compound name: PCB-51
 Response Factor: 1.08521
 RRF SD: 0.0690475, Relative SD: 6.48207
 Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.77	NO	29.85	0.955	3.29e3	1.37e6	0.226	-9.4	0.965	MM
200601K1_2	1.00	0.81	NO	29.85	0.955	1.58e4	1.50e6	0.978	-2.2	1.04	MM

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Compound name: PCB-51

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.79	NO	29.85	0.955	3.69e4	1.44e6	2.40	-4.1	1.02	bb
200601K1_4	50.0	0.77	NO	29.85	0.955	7.80e5	1.38e6	53.2	6.4	1.13	bb
200601K1_5	400	0.76	NO	29.85	0.955	6.92e6	1.51e6	430	7.4	1.14	bb
200601K1_6	1000	0.78	NO	29.85	0.955	1.87e7	1.54e6	1020	2.0	1.09	bb

Compound name: PCB-45

Response Factor: 0.858411

RRF SD: 0.0476675, Relative SD: 5.55299

Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	30.30	0.970	2.69e3	1.37e6	0.229	-8.4	0.766	MM
200601K1_2	1.00	0.77	NO	30.30	0.969	1.23e4	1.50e6	0.954	-4.6	0.819	bb
200601K1_3	2.50	0.80	NO	30.30	0.969	3.11e4	1.44e6	2.51	0.3	0.861	bb
200601K1_4	50.0	0.77	NO	30.30	0.969	6.21e5	1.38e6	52.5	5.1	0.902	bb
200601K1_5	400	0.79	NO	30.30	0.969	5.49e6	1.51e6	423	5.8	0.908	bb
200601K1_6	1000	0.79	NO	30.30	0.969	1.34e7	1.54e6	1020	1.9	0.874	bb

Compound name: PCB-46

Response Factor: 0.830725

RRF SD: 0.0416585, Relative SD: 5.01471

Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	30.80	0.986	2.61e3	1.37e6	0.230	-8.0	0.765	MM
200601K1_2	1.00	0.77	NO	30.80	0.985	1.25e4	1.50e6	1.00	0.4	0.834	bb
200601K1_3	2.50	0.75	NO	30.80	0.985	2.68e4	1.44e6	2.40	-3.9	0.798	bb
200601K1_4	50.0	0.77	NO	30.80	0.985	5.95e5	1.38e6	52.0	4.1	0.865	bb
200601K1_5	400	0.75	NO	30.80	0.985	5.26e6	1.51e6	419	4.8	0.870	bb
200601K1_6	1000	0.78	NO	30.80	0.985	1.31e7	1.54e6	1030	2.7	0.853	bb

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Compound name: PCB-52/69
 Response Factor: 1.18655
 RRF SD: 0.0541044, Relative SD: 4.63798
 Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.28	1.001	7.66e3	1.37e6	0.481	-3.8	1.12	MM
200801K1_2	2.00	0.79	NO	31.30	1.001	3.38e4	1.50e6	1.93	-3.4	1.13	bd
200801K1_3	5.00	0.79	NO	31.30	1.001	7.99e4	1.44e6	4.74	-5.2	1.11	bd
200801K1_4	100	0.76	NO	31.30	1.001	1.67e6	1.38e6	104	3.9	1.21	bd
200801K1_5	800	0.77	NO	31.30	1.001	1.49e7	1.51e6	845	5.6	1.23	bd
200801K1_6	2000	0.78	NO	31.30	1.001	3.69e7	1.54e6	2060	2.9	1.20	bd

Compound name: PCB-73
 Response Factor: 1.44314
 RRF SD: 0.12369, Relative SD: 6.57088
 Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.70	NO	31.41	1.005	4.29e3	1.37e6	0.218	-12.9	1.26	dd
200801K1_2	1.00	0.73	NO	31.41	1.005	2.10e4	1.50e6	0.971	-2.9	1.40	dd
200801K1_3	2.50	0.77	NO	31.41	1.005	4.90e4	1.44e6	2.35	-5.9	1.36	dd
200801K1_4	50.0	0.79	NO	31.41	1.005	1.06e6	1.38e6	53.5	7.0	1.54	dd
200801K1_5	400	0.77	NO	31.41	1.005	9.42e6	1.51e6	432	8.0	1.56	dd
200801K1_6	1000	0.77	NO	31.41	1.005	2.36e7	1.54e6	1070	6.7	1.54	dd

Compound name: PCB-43/49
 Response Factor: 1.01613
 RRF SD: 0.0523973, Relative SD: 5.15654
 Response type: Internal Std (Ref 179), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.56	1.011	6.71e3	1.37e6	0.483	-3.3	0.982	db
200801K1_2	2.00	0.78	NO	31.58	1.010	2.91e4	1.50e6	1.91	-4.4	0.972	dd

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Compound name: PCB-43/49

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	31.58	1.010	6.88e4	1.44e6	4.69	-6.2	0.953	dd
200601K1_4	100	0.77	NO	31.80	1.011	1.47e6	1.38e6	105	5.1	1.07	dd
200601K1_5	800	0.77	NO	31.58	1.010	1.28e7	1.51e6	835	4.4	1.06	dd
200601K1_6	2000	0.77	NO	31.58	1.010	3.26e7	1.54e6	2090	4.4	1.06	dd

Compound name: PCB-47

Response Factor: 0.92191

RRF SD: 0.0589335, Relative SD: 6.39255

Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	31.78	1.001	3.20e3	1.44e6	0.241	-3.4	0.891	bd
200601K1_2	1.00	0.76	NO	31.80	1.001	1.48e4	1.59e6	1.00	0.4	0.928	dd
200601K1_3	2.50	0.79	NO	31.80	1.001	3.29e4	1.53e6	2.33	-6.7	0.880	dd
200601K1_4	50.0	0.77	NO	31.80	1.001	7.69e5	1.49e6	56.0	11.9	1.03	dd
200601K1_5	400	0.76	NO	31.80	1.001	5.90e6	1.80e6	400	-0.1	0.921	dd
200601K1_6	1000	0.76	NO	31.80	1.001	1.50e7	1.66e6	979	-2.1	0.902	dd

Compound name: PCB-48/75

Response Factor: 1.12021

RRF SD: 0.0667822, Relative SD: 5.96157

Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	0.75	NO	31.90	1.004	7.31e3	1.44e6	0.454	-9.3	1.02	db
200601K1_2	2.00	0.76	NO	31.92	1.005	3.52e4	1.59e6	1.97	-1.5	1.10	db
200601K1_3	5.00	0.79	NO	31.92	1.004	8.41e4	1.53e6	4.91	-1.9	1.10	db
200601K1_4	100	0.77	NO	31.92	1.004	1.66e6	1.49e6	99.7	-0.3	1.12	db
200601K1_5	800	0.78	NO	31.92	1.004	1.54e7	1.60e6	859	7.4	1.20	db
200601K1_6	2000	0.76	NO	31.92	1.004	3.92e7	1.68e6	2110	5.8	1.18	db

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Compound name: PCB-85
 Response Factor: 1.28219
 RRF SD: 0.0574331, Relative SD: 4.47931
 Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.18	1.013	4.34e3	1.44e6	0.236	-5.8	1.21	bd
2	200801K1_2	1.00	0.85	NO	32.19	1.013	1.96e4	1.59e6	0.959	-4.1	1.23	bd
3	200801K1_3	2.50	0.71	NO	32.19	1.013	4.83e4	1.53e6	2.47	-1.4	1.28	bd
4	200801K1_4	50.0	0.76	NO	32.19	1.013	9.93e5	1.49e6	52.0	4.0	1.33	bd
5	200801K1_5	400	0.77	NO	32.19	1.013	8.65e6	1.60e6	421	5.4	1.35	bd
6	200801K1_6	1000	0.77	NO	32.19	1.013	2.17e7	1.68e6	1020	2.0	1.31	bd

Compound name: PCB-82
 Response Factor: 1.12765
 RRF SD: 0.0353947, Relative SD: 3.13879
 Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.72	NO	32.29	1.016	4.14e3	1.44e6	0.255	2.1	1.15	db
2	200801K1_2	1.00	0.70	NO	32.29	1.016	1.80e4	1.59e6	0.999	-0.1	1.13	dd
3	200801K1_3	2.50	0.79	NO	32.29	1.016	4.05e4	1.53e6	2.35	-6.1	1.08	dd
4	200801K1_4	50.0	0.76	NO	32.31	1.016	8.53e5	1.49e6	50.8	1.8	1.15	db
5	200801K1_5	400	0.79	NO	32.31	1.016	7.38e6	1.60e6	409	2.2	1.15	db
6	200801K1_6	1000	0.76	NO	32.31	1.016	1.88e7	1.68e6	1000	0.3	1.13	db

Compound name: PCB-44
 Response Factor: 0.824154
 RRF SD: 0.0474856, Relative SD: 5.75932
 Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.62	1.027	3.12e3	1.44e6	0.263	5.2	0.867	MM
2	200801K1_2	1.00	0.78	NO	32.62	1.027	1.16e4	1.59e6	0.895	-10.5	0.738	dd

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Compound name: PCB-44

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_3	2.50	0.75	NO	32.62	1.026	3.09e4	1.53e6	2.45	-1.9	0.806	dd
200601K1_4	50.0	0.79	NO	32.62	1.026	6.30e5	1.49e6	51.3	2.6	0.845	MM
200601K1_5	400	0.77	NO	32.62	1.026	5.51e6	1.60e6	418	4.4	0.860	db
200601K1_6	1000	0.77	NO	32.62	1.026	1.37e7	1.66e6	1000	0.2	0.826	db

Compound name: PCB-42/59

Response Factor: 1.04973

RRF SD: 0.0493426, Relative SD: 4.70053

Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	0.76	NO	32.85	1.034	7.25e3	1.44e6	0.481	-3.9	1.01	bb
200601K1_2	2.00	0.81	NO	32.85	1.034	3.17e4	1.59e6	1.89	-5.4	0.994	db
200601K1_3	5.00	0.78	NO	32.85	1.033	7.78e4	1.53e6	4.85	-3.0	1.02	db
200601K1_4	100	0.78	NO	32.85	1.033	1.60e6	1.49e6	103	2.8	1.08	MM
200601K1_5	800	0.78	NO	32.85	1.033	1.43e7	1.60e6	850	6.2	1.12	bb
200601K1_6	2000	0.78	NO	32.85	1.033	3.60e7	1.66e6	2070	3.5	1.09	bb

Compound name: PCB-41/64/71/72

Response Factor: 1.18742

RRF SD: 0.0661253, Relative SD: 5.56883

Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	1.00	0.74	NO	33.46	1.053	1.80e4	1.44e6	0.939	-6.1	1.12	MM
200601K1_2	4.00	0.74	NO	33.46	1.053	7.29e4	1.59e6	3.85	-3.7	1.14	bb
200601K1_3	10.0	0.78	NO	33.46	1.053	1.74e5	1.53e6	9.57	-4.3	1.14	MM
200601K1_4	200	0.79	NO	33.46	1.053	3.62e6	1.49e6	205	2.3	1.22	bb
200601K1_5	1800	0.77	NO	33.46	1.053	3.29e7	1.60e6	1730	8.2	1.29	bb
200601K1_6	4000	0.77	NO	33.46	1.053	8.18e7	1.66e6	4140	3.5	1.23	bb

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Compound name: PCB-68
 Response Factor: 1.27785
 RRF SD: 0.0478803, Relative SD: 3.74694
 Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.75	NO	33.72	1.061	4.51e3	1.44e6	0.245	-1.9	1.25	bb
2	200601K1_2	1.00	0.75	NO	33.72	1.061	1.97e4	1.59e6	0.969	-3.1	1.24	bb
3	200601K1_3	2.50	0.77	NO	33.72	1.061	4.67e4	1.53e6	2.39	-4.4	1.22	MM
4	200601K1_4	50.0	0.76	NO	33.72	1.061	9.69e5	1.49e6	50.9	1.8	1.30	bd
5	200601K1_5	400	0.77	NO	33.72	1.061	8.63e6	1.60e6	422	5.5	1.35	bd
6	200601K1_6	1000	0.78	NO	33.72	1.061	2.16e7	1.66e6	1020	2.1	1.30	bd

Compound name: PCB-40
 Response Factor: 0.802057
 RRF SD: 0.0348124, Relative SD: 5.74902
 Response type: Internal Std (Ref 180), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.71	NO	33.94	1.069	2.03e3	1.44e6	0.235	-6.2	0.565	bb
2	200601K1_2	1.00	0.74	NO	33.94	1.069	9.28e3	1.59e6	0.967	-3.3	0.562	MM
3	200601K1_3	2.50	0.77	NO	33.94	1.068	2.17e4	1.53e6	2.36	-5.7	0.566	db
4	200601K1_4	50.0	0.77	NO	33.94	1.068	4.64e5	1.49e6	51.7	3.3	0.622	db
5	200601K1_5	400	0.77	NO	33.94	1.068	4.12e6	1.60e6	426	7.0	0.644	db
6	200601K1_6	1000	0.78	NO	33.94	1.068	1.05e7	1.66e6	1050	4.8	0.631	db

Compound name: PCB-57
 Response Factor: 1.16294
 RRF SD: 0.0605093, Relative SD: 5.20312
 Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.79	NO	34.30	0.969	4.64e3	1.70e6	0.234	-6.4	1.09	bb
2	200601K1_2	1.00	0.74	NO	34.32	0.969	2.02e4	1.84e6	0.946	-5.4	1.10	bb

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Compound name: PCB-57

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.74	NO	34.32	0.969	5.14e4	1.79e6	2.46	-1.4	1.15	MM
200601K1_4	50.0	0.77	NO	34.32	0.969	1.04e6	1.73e6	51.4	2.8	1.20	bb
200601K1_5	400	0.79	NO	34.32	0.969	9.05e6	1.84e6	423	5.8	1.23	bb
200601K1_6	1000	0.76	NO	34.32	0.969	2.31e7	1.90e6	1050	4.6	1.22	bb

Compound name: PCB-67

Response Factor: 1.0841

RRF SD: 0.0420751, Relative SD: 3.8811

Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	34.63	0.978	4.35e3	1.70e6	0.235	-5.8	1.02	bd
200601K1_2	1.00	0.75	NO	34.63	0.978	1.95e4	1.84e6	0.979	-2.1	1.06	bd
200601K1_3	2.50	0.78	NO	34.63	0.978	4.82e4	1.79e6	2.48	-0.9	1.07	bd
200601K1_4	50.0	0.75	NO	34.63	0.978	9.48e5	1.73e6	50.4	0.9	1.09	bd
200601K1_5	400	0.76	NO	34.63	0.978	8.40e6	1.84e6	422	5.4	1.14	bd
200601K1_6	1000	0.78	NO	34.63	0.978	2.11e7	1.90e6	1020	2.5	1.11	bd

Compound name: PCB-58

Response Factor: 1.20403

RRF SD: 0.0834546, Relative SD: 6.93126

Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.80	NO	34.74	0.982	4.98e3	1.70e6	0.243	-2.8	1.17	dd
200601K1_2	1.00	0.80	NO	34.74	0.981	2.02e4	1.84e6	0.910	-9.0	1.10	dd
200601K1_3	2.50	0.78	NO	34.76	0.982	5.08e4	1.79e6	2.35	-5.9	1.13	dd
200601K1_4	50.0	0.75	NO	34.76	0.982	1.09e6	1.73e6	52.1	4.1	1.25	dd
200601K1_5	400	0.78	NO	34.76	0.982	9.62e6	1.84e6	435	8.7	1.31	dd
200601K1_6	1000	0.78	NO	34.76	0.982	2.40e7	1.90e6	1050	5.0	1.26	dd

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Compound name: PCB-63
 Response Factor: 1.07187
 RRF SD: 0.049724, Relative SD: 4.639
 Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.82	NO	34.91	0.988	4.33e3	1.70e6	0.237	-5.1	1.02	db
200601K1_2	1.00	0.75	NO	34.91	0.988	1.92e4	1.84e6	0.972	-2.8	1.04	dd
200601K1_3	2.50	0.79	NO	34.91	0.988	4.66e4	1.79e6	2.42	-3.2	1.04	db
200601K1_4	50.0	0.77	NO	34.91	0.988	9.31e5	1.73e6	50.1	0.2	1.07	db
200601K1_5	400	0.78	NO	34.91	0.988	8.42e6	1.84e6	427	6.8	1.14	db
200601K1_6	1000	0.77	NO	34.91	0.988	2.12e7	1.90e6	1040	4.1	1.12	db

Compound name: PCB-74
 Response Factor: 1.18508
 RRF SD: 0.0699946, Relative SD: 5.90632
 Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.82	NO	35.21	0.995	4.68e3	1.70e6	0.232	-7.3	1.10	bd
200601K1_2	1.00	0.74	NO	35.21	0.994	2.06e4	1.84e6	0.943	-5.7	1.12	MM
200601K1_3	2.50	0.74	NO	35.21	0.994	5.22e4	1.79e6	2.46	-1.8	1.16	MM
200601K1_4	50.0	0.77	NO	35.21	0.994	1.05e6	1.73e6	51.3	2.6	1.22	bd
200601K1_5	400	0.76	NO	35.21	0.994	9.38e6	1.84e6	430	7.6	1.28	bd
200601K1_6	1000	0.77	NO	35.21	0.994	2.36e7	1.90e6	1050	4.5	1.24	bd

Compound name: PCB-81/70
 Response Factor: 1.05421
 RRF SD: 0.062537, Relative SD: 5.9321
 Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	0.86	NO	35.41	1.000	8.47e3	1.70e6	0.472	-5.7	0.994	MM
200601K1_2	2.00	0.78	NO	35.34	0.998	3.65e4	1.84e6	1.88	-5.8	0.993	MM

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Compound name: PCB-61/70

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	35.34	0.998	9.20e4	1.79e6	4.86	-2.7	1.03	MM
200601K1_4	100	0.78	NO	35.43	1.000	1.90e6	1.73e6	104	3.9	1.10	MM
200601K1_5	800	0.78	NO	35.43	1.000	1.67e7	1.84e6	859	7.4	1.13	MM
200601K1_6	2000	0.78	NO	35.43	1.000	4.18e7	1.90e6	2080	4.2	1.10	MM

Compound name: PCB-76/86

Response Factor: 1.16443

RRF SD: 0.0785507, Relative SD: 6.5741

Response type: Internal Std (Ref 181), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	0.78	NO	35.62	1.006	9.04e3	1.70e6	0.456	-8.9	1.06	MM
200601K1_2	2.00	0.75	NO	35.58	1.005	4.11e4	1.84e6	1.92	-4.0	1.12	dd
200601K1_3	5.00	0.78	NO	35.60	1.005	9.65e4	1.79e6	4.72	-5.7	1.10	MM
200601K1_4	100	0.78	NO	35.60	1.005	2.09e6	1.73e6	104	3.8	1.21	dd
200601K1_5	800	0.77	NO	35.64	1.006	1.65e7	1.84e6	862	7.7	1.25	dd
200601K1_6	2000	0.78	NO	35.64	1.006	4.89e7	1.90e6	2120	5.9	1.23	dd

Compound name: PCB-80

Response Factor: 1.18682

RRF SD: 0.0586291, Relative SD: 4.94003

Response type: Internal Std (Ref 182), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.83	NO	35.86	1.000	4.91e3	1.75e6	0.236	-5.5	1.12	MM
200601K1_2	1.00	0.77	NO	35.86	1.000	2.09e4	1.87e6	0.941	-5.9	1.12	db
200601K1_3	2.50	0.78	NO	35.86	1.000	5.45e4	1.86e6	2.47	-1.2	1.17	MM
200601K1_4	50.0	0.78	NO	35.86	1.000	1.10e6	1.79e6	51.5	3.1	1.22	db
200601K1_5	400	0.78	NO	35.86	1.000	9.53e6	1.90e6	422	5.5	1.25	db
200601K1_6	1000	0.78	NO	35.86	1.000	2.45e7	1.99e6	1040	4.0	1.23	dd

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Compound name: PCB-55

Response Factor: 1.16899

RRF SD: 0.0699531, Relative SD: 5.98407

Response type: Internal Std (Ref 182), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.250	0.86	NO	36.18	1.009	4.80e3	1.75e6	0.235	-6.1	1.10	MM
2	200601K1_2	1.00	0.81	NO	36.18	1.010	2.10e4	1.87e6	0.959	-4.1	1.12	MM
3	200601K1_3	2.50	0.76	NO	36.18	1.010	5.16e4	1.86e6	2.37	-5.1	1.11	MM
4	200601K1_4	50.0	0.77	NO	36.18	1.010	1.07e6	1.79e6	51.0	2.1	1.19	MM
5	200601K1_5	400	0.77	NO	36.18	1.010	9.66e6	1.90e6	434	8.6	1.27	MM
6	200601K1_6	1000	0.77	NO	36.18	1.010	2.43e7	1.99e6	1050	4.8	1.22	MM

Compound name: PCB-56/60

Response Factor: 1.01793

RRF SD: 0.0552104, Relative SD: 5.42377

Response type: Internal Std (Ref 182), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.500	0.85	NO	36.70	1.024	8.20e3	1.75e6	0.460	-8.0	0.937	MM
2	200601K1_2	2.00	0.78	NO	36.70	1.024	3.71e4	1.87e6	1.95	-2.7	0.991	MM
3	200601K1_3	5.00	0.78	NO	36.70	1.024	9.24e4	1.86e6	4.88	-2.4	0.993	bb
4	200601K1_4	100	0.77	NO	36.70	1.024	1.86e6	1.79e6	102	2.1	1.04	bb
5	200601K1_5	800	0.77	NO	36.70	1.024	1.86e7	1.90e6	859	7.3	1.09	bb
6	200601K1_6	2000	0.77	NO	36.70	1.024	4.19e7	1.99e6	2070	3.8	1.05	bb

Compound name: PCB-79

Response Factor: 1.13843

RRF SD: 0.0710526, Relative SD: 6.24129

Response type: Internal Std (Ref 182), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.250	0.80	NO	37.80	1.054	4.62e3	1.75e6	0.232	-7.2	1.06	MM
2	200601K1_2	1.00	0.87	NO	37.80	1.054	2.03e4	1.87e6	0.950	-5.0	1.08	MM

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Compound name: PCB-79

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.80	NO	37.80	1.054	5.06e4	1.86e6	2.39	-4.3	1.09	MM
200601K1_4	50.0	0.77	NO	37.80	1.054	1.06e6	1.79e6	51.8	3.6	1.18	bb
200601K1_5	400	0.77	NO	37.81	1.055	9.30e6	1.90e6	430	7.4	1.22	bb
200601K1_6	1000	0.77	NO	37.81	1.055	2.39e7	1.99e6	1060	5.8	1.20	bb

Compound name: PCB-78

Response Factor: 1.13645

RRF SD: 0.0648397, Relative SD: 5.70544

Response type: Internal Std (Ref 183), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	39.50	0.988	4.37e3	1.65e6	0.234	-6.8	1.08	MM
200601K1_2	1.00	0.72	NO	39.52	0.987	1.92e4	1.76e6	0.959	-4.1	1.09	MM
200601K1_3	2.50	0.77	NO	39.52	0.987	4.87e4	1.80e6	2.38	-4.7	1.08	MM
200601K1_4	50.0	0.77	NO	39.52	0.987	1.02e6	1.70e6	52.5	4.9	1.19	MM
200601K1_5	400	0.79	NO	39.52	0.987	8.97e6	1.88e6	420	5.1	1.19	MM
200601K1_6	1000	0.78	NO	39.52	0.987	2.33e7	1.94e6	1050	5.5	1.20	MM

Compound name: PCB-81

Response Factor: 1.04638

RRF SD: 0.0531934, Relative SD: 5.08358

Response type: Internal Std (Ref 183), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.71	NO	39.08	1.000	3.97e3	1.85e6	0.230	-7.9	0.964	MM
200601K1_2	1.00	0.76	NO	39.08	1.000	1.82e4	1.76e6	0.987	-1.3	1.03	MM
200601K1_3	2.50	0.75	NO	39.08	1.000	4.55e4	1.80e6	2.41	-3.4	1.01	MM
200601K1_4	50.0	0.77	NO	39.08	1.000	9.27e5	1.70e6	52.0	4.1	1.09	MM
200601K1_5	400	0.76	NO	39.08	1.000	8.26e6	1.88e6	420	5.0	1.10	MM
200601K1_6	1000	0.75	NO	39.08	1.000	2.10e7	1.94e6	1040	3.5	1.08	dd

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Compound name: PCB-77

Response Factor: 1.13899

RRF SD: 0.0451791, Relative SD: 3.97357

Response type: Internal Std (Ref 184), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	0.83	NO	39.67	1.000	4.37e3	1.59e6	0.241	-3.5	1.10	MM
200801K1_2	1.00	0.80	NO	39.67	1.000	1.89e4	1.71e6	0.972	-2.8	1.11	MM
200801K1_3	2.50	0.80	NO	39.67	1.000	4.78e4	1.75e6	2.40	-4.0	1.09	MM
200801K1_4	50.0	0.77	NO	39.67	1.000	1.00e6	1.69e6	52.1	4.2	1.18	MM
200801K1_5	400	0.77	NO	39.67	1.000	8.76e6	1.84e6	420	5.0	1.19	MM
200801K1_6	1000	0.78	NO	39.67	1.000	2.23e7	1.94e6	1010	1.1	1.15	MM

Compound name: PCB-104

Response Factor: 1.12208

RRF SD: 0.11916, Relative SD: 10.6196

Response type: Internal Std (Ref 185), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.37	NO	32.47	1.001	2.59e3	1.12e6	0.206	-17.7	0.924	MM
200801K1_2	1.00	1.55	NO	32.47	1.001	1.33e4	1.28e6	0.942	-5.8	1.06	bb
200801K1_3	2.50	1.52	NO	32.47	1.001	3.30e4	1.20e6	2.48	-1.8	1.10	bb
200801K1_4	50.0	1.57	NO	32.47	1.001	7.02e5	1.17e6	53.2	6.5	1.19	bb
200801K1_5	400	1.55	NO	32.47	1.001	6.29e6	1.28e6	437	9.3	1.23	bb
200801K1_6	1000	1.56	NO	32.47	1.001	1.57e7	1.28e6	1090	9.3	1.23	bb

Compound name: PCB-96

Response Factor: 1.15383

RRF SD: 0.0979018, Relative SD: 8.48491

Response type: Internal Std (Ref 185), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.77	NO	33.78	1.041	2.64e3	1.12e6	0.220	-12.2	1.01	MM
200801K1_2	1.00	1.54	NO	33.78	1.041	1.35e4	1.28e6	0.932	-6.8	1.08	bb

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Compound name: PCB-96

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.49	NO	33.78	1.041	3.37e4	1.20e6	2.45	-2.2	1.13	bb
200601K1_4	50.0	1.58	NO	33.78	1.041	7.07e5	1.17e6	52.2	4.3	1.20	bb
200601K1_5	400	1.57	NO	33.78	1.041	6.41e6	1.28e6	434	8.4	1.25	bb
200601K1_6	1000	1.57	NO	33.78	1.041	1.80e7	1.28e6	1080	8.4	1.25	bb

Compound name: PCB-103

Response Factor: 0.936494

RRF SD: 0.0702306, Relative SD: 7.49931

Response type: Internal Std (Ref 185), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.66	NO	34.33	1.059	2.72e3	1.12e6	0.259	3.5	0.969	MM
200601K1_2	1.00	1.75	NO	34.33	1.058	1.06e4	1.26e6	0.898	-10.2	0.841	MM
200601K1_3	2.50	1.71	NO	34.33	1.058	2.57e4	1.20e6	2.30	-8.0	0.862	bb
200601K1_4	50.0	1.56	NO	34.33	1.058	5.53e5	1.17e6	50.3	0.8	0.942	bb
200601K1_5	400	1.58	NO	34.33	1.058	5.08e6	1.28e6	423	5.7	0.990	bb
200601K1_6	1000	1.55	NO	34.33	1.058	1.30e7	1.28e6	1080	6.3	1.01	bb

Compound name: PCB-100

Response Factor: 0.953574

RRF SD: 0.0599585, Relative SD: 6.28777

Response type: Internal Std (Ref 185), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	34.69	1.069	2.84e3	1.12e6	0.247	-1.3	0.941	bb
200601K1_2	1.00	1.46	NO	34.69	1.069	1.09e4	1.28e6	0.913	-8.7	0.870	MM
200601K1_3	2.50	1.72	NO	34.71	1.069	2.72e4	1.20e6	2.38	-4.7	0.908	bb
200601K1_4	50.0	1.58	NO	34.71	1.069	5.86e5	1.17e6	50.5	1.0	0.963	bb
200601K1_5	400	1.57	NO	34.71	1.069	5.18e6	1.28e6	422	5.5	1.01	bb
200601K1_6	1000	1.55	NO	34.71	1.069	1.32e7	1.28e6	1080	6.2	1.03	bb

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Compound name: PCB-94

Response Factor: 0.948862

RRF SD: 0.0587427, Relative SD: 6.19086

Response type: Internal Std (Ref 186), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.87	NO	35.17	0.985	2.16e3	8.86e5	0.257	2.8	0.975	MM
2	200601K1_2	1.00	1.51	NO	35.19	0.985	8.32e3	9.63e5	0.910	-9.0	0.863	bb
3	200601K1_3	2.50	1.49	NO	35.19	0.985	2.12e4	9.53e5	2.35	-6.1	0.891	bb
4	200601K1_4	50.0	1.57	NO	35.19	0.985	4.48e5	9.36e5	50.5	0.9	0.958	bb
5	200601K1_5	400	1.57	NO	35.19	0.985	4.07e6	1.01e6	424	6.0	1.01	bb
6	200601K1_6	1000	1.57	NO	35.19	0.985	1.05e7	1.05e6	1050	5.4	1.00	bb

Compound name: PCB-95/98/102

Response Factor: 1.20445

RRF SD: 0.061353, Relative SD: 5.09384

Response type: Internal Std (Ref 186), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.750	1.52	NO	35.66	0.998	7.52e3	8.86e5	0.704	-6.1	1.13	MM
2	200601K1_2	3.00	1.52	NO	35.67	0.999	3.47e4	9.63e5	2.99	-0.3	1.20	bd
3	200601K1_3	7.50	1.61	NO	35.67	0.999	8.12e4	9.53e5	7.08	-5.6	1.14	dd
4	200601K1_4	150	1.57	NO	35.67	0.998	1.72e6	9.36e5	152	1.5	1.22	bd
5	200601K1_5	1200	1.56	NO	35.67	0.998	1.56e7	1.01e6	1260	6.5	1.28	bd
6	200601K1_6	3000	1.57	NO	35.67	0.998	3.94e7	1.05e6	3120	4.0	1.25	bd

Compound name: PCB-83

Response Factor: 0.935009

RRF SD: 0.088569, Relative SD: 9.47253

Response type: Internal Std (Ref 186), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.42	NO	35.82	1.003	1.78e3	8.86e5	0.215	-14.0	0.805	MM
2	200601K1_2	1.00	1.59	NO	35.81	1.003	8.62e3	9.63e5	0.957	-4.3	0.895	dd

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Compound name: PCB-83

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.70	NO	35.81	1.003	2.10e4	9.53e5	2.36	-5.5	0.884	dd
200801K1_4	50.0	1.83	NO	35.81	1.002	4.57e5	9.36e5	52.3	4.5	0.977	db
200801K1_5	400	1.80	NO	35.82	1.003	4.17e6	1.01e6	441	10.3	1.03	db
200801K1_6	1000	1.59	NO	35.82	1.003	1.07e7	1.05e6	1090	8.9	1.02	db

Compound name: PCB-88/91

Response Factor: 1.06482

RRF SD: 0.0420968, Relative SD: 3.95341

Response type: Internal Std (Ref 186), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.77	NO	36.14	1.012	4.58e3	8.86e5	0.485	-3.0	1.03	dd
200801K1_2	2.00	1.52	NO	36.14	1.012	2.02e4	9.63e5	1.97	-1.5	1.05	MM
200801K1_3	5.00	1.53	NO	36.14	1.012	4.83e4	9.53e5	4.76	-4.8	1.01	dd
200801K1_4	100	1.56	NO	36.16	1.012	9.97e5	9.36e5	100	0.0	1.07	MM
200801K1_5	800	1.55	NO	36.16	1.012	9.06e6	1.01e6	842	5.2	1.12	bd
200801K1_6	2000	1.56	NO	36.16	1.012	2.32e7	1.05e6	2080	4.0	1.11	bd

Compound name: PCB-121

Response Factor: 1.70958

RRF SD: 0.131372, Relative SD: 7.68456

Response type: Internal Std (Ref 186), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.84	NO	36.23	1.015	4.15e3	8.86e5	0.274	9.5	1.87	db
200801K1_2	1.00	1.86	NO	36.23	1.015	1.50e4	9.63e5	0.910	-9.0	1.58	db
200801K1_3	2.50	1.85	NO	36.25	1.015	3.70e4	9.53e5	2.27	-9.2	1.55	dd
200801K1_4	50.0	1.56	NO	36.25	1.015	7.99e5	9.36e5	50.0	-0.1	1.71	db
200801K1_5	400	1.59	NO	36.25	1.015	7.25e6	1.01e6	420	4.9	1.79	db
200801K1_6	1000	1.59	NO	36.25	1.015	1.86e7	1.05e6	1040	3.8	1.77	db

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Compound name: PCB-84/92

Response Factor: 1.01774

RRF SD: 0.0662787, Relative SD: 6.51234

Response type: Internal Std (Ref 187), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	1.74	NO	37.09	0.990	3.96e3	8.58e5	0.454	-9.1	0.925	MM
200601K1_2	2.00	1.51	NO	37.09	0.990	1.83e4	9.58e5	1.88	-8.1	0.958	bd
200601K1_3	5.00	1.58	NO	37.09	0.990	4.76e4	9.39e5	4.98	-0.3	1.01	bd
200601K1_4	100	1.57	NO	37.09	0.990	9.53e5	9.13e5	102	2.5	1.04	bd
200601K1_5	800	1.57	NO	37.09	0.990	8.79e6	1.01e6	858	7.2	1.09	bd
200601K1_6	2000	1.58	NO	37.09	0.990	2.23e7	1.04e6	2120	5.8	1.08	bd

Compound name: PCB-89

Response Factor: 1.1051

RRF SD: 0.0694328, Relative SD: 6.28293

Response type: Internal Std (Ref 187), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.77	NO	37.28	0.995	2.45e3	8.58e5	0.259	3.5	1.14	MM
200601K1_2	1.00	1.58	NO	37.28	0.995	9.36e3	9.58e5	0.885	-11.5	0.978	dd
200601K1_3	2.50	1.58	NO	37.29	0.998	2.53e4	9.39e5	2.44	-2.5	1.08	dd
200601K1_4	50.0	1.54	NO	37.29	0.998	5.14e5	9.13e5	50.9	1.9	1.13	dd
200601K1_5	400	1.57	NO	37.29	0.998	4.71e6	1.01e6	424	5.9	1.17	dd
200601K1_6	1000	1.58	NO	37.29	0.998	1.18e7	1.04e6	1030	2.7	1.13	dd

Compound name: PCB-90/101

Response Factor: 1.12263

RRF SD: 0.0479543, Relative SD: 4.27159

Response type: Internal Std (Ref 187), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	1.57	NO	37.46	1.000	4.62e3	8.58e5	0.481	-3.8	1.08	db
200601K1_2	2.00	1.58	NO	37.46	1.000	2.07e4	9.58e5	1.93	-3.7	1.08	dd

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Compound name: PCB-90/101

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.66	NO	37.48	1.000	5.09e4	9.39e5	4.83	-3.4	1.08	dd
200601K1_4	100	1.58	NO	37.48	1.000	1.04e6	9.13e5	101	1.5	1.14	dd
200601K1_5	800	1.58	NO	37.48	1.000	9.62e6	1.01e6	851	6.4	1.19	dd
200601K1_6	2000	1.58	NO	37.48	1.000	2.40e7	1.04e6	2060	3.0	1.16	dd

Compound name: PCB-113

Response Factor: 1.51404

RRF SD: 0.104163, Relative SD: 6.87979

Response type: Internal Std (Ref 187), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	37.72	1.007	2.80e3	8.56e5	0.216	-13.7	1.31	MM
200601K1_2	1.00	1.48	NO	37.72	1.007	1.47e4	9.58e5	1.02	1.5	1.54	dd
200601K1_3	2.50	1.59	NO	37.72	1.007	3.61e4	9.39e5	2.54	1.5	1.54	dd
200601K1_4	50.0	1.57	NO	37.72	1.007	7.07e5	9.13e5	51.1	2.2	1.55	dd
200601K1_5	400	1.57	NO	37.72	1.007	6.45e6	1.01e6	423	5.8	1.60	dd
200601K1_6	1000	1.57	NO	37.72	1.007	1.61e7	1.04e6	1030	2.6	1.55	dd

Compound name: PCB-99

Response Factor: 1.32101

RRF SD: 0.111661, Relative SD: 8.45271

Response type: Internal Std (Ref 187), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.51	NO	37.81	1.009	3.12e3	8.56e5	0.276	10.3	1.46	MM
200601K1_2	1.00	1.53	NO	37.81	1.009	1.15e4	9.58e5	0.907	-9.3	1.20	db
200601K1_3	2.50	1.66	NO	37.81	1.009	2.78e4	9.39e5	2.24	-10.5	1.18	db
200601K1_4	50.0	1.62	NO	37.81	1.009	6.00e5	9.13e5	49.7	-0.5	1.31	db
200601K1_5	400	1.60	NO	37.83	1.010	5.65e6	1.01e6	425	6.2	1.40	db
200601K1_6	1000	1.57	NO	37.83	1.010	1.42e7	1.04e6	1040	3.8	1.37	db

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Compound name: PCB-119

Response Factor: 1.80526

RRF SD: 0.0967589, Relative SD: 5.35982

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.64	NO	38.30	0.987	3.62e3	7.55e5	0.265	6.1	1.92	bd
200601K1_2	1.00	1.55	NO	38.30	0.987	1.42e4	8.31e5	0.948	-5.2	1.71	dd
200601K1_3	2.50	1.50	NO	38.30	0.987	3.42e4	8.21e5	2.31	-7.7	1.67	bd
200601K1_4	50.0	1.57	NO	38.30	0.987	7.20e5	7.95e5	50.2	0.4	1.81	bd
200601K1_5	400	1.55	NO	38.30	0.987	6.73e6	9.02e5	413	3.3	1.87	bd
200601K1_6	1000	1.56	NO	38.30	0.987	1.70e7	9.13e5	1030	3.1	1.86	bd

Compound name: PCB-108/112

Response Factor: 1.44497

RRF SD: 0.091955, Relative SD: 6.36379

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.61	NO	38.45	0.991	5.26e3	7.55e5	0.482	-3.6	1.39	dd
200601K1_2	2.00	1.50	NO	38.45	0.991	2.21e4	8.31e5	1.84	-7.9	1.33	dd
200601K1_3	5.00	1.57	NO	38.45	0.991	5.62e4	8.21e5	4.74	-5.3	1.37	dd
200601K1_4	100	1.57	NO	38.47	0.991	1.19e6	7.95e5	104	3.8	1.50	dd
200601K1_5	800	1.56	NO	38.47	0.991	1.11e7	9.02e5	851	6.4	1.54	dd
200601K1_6	2000	1.57	NO	38.47	0.991	2.81e7	9.13e5	2130	6.6	1.54	dd

Compound name: PCB-83

Response Factor: 1.83179

RRF SD: 0.0986786, Relative SD: 5.387

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.60	NO	38.61	0.995	3.44e3	7.55e5	0.249	-0.4	1.82	dd
200601K1_2	1.00	1.63	NO	38.61	0.995	1.41e4	8.31e5	0.929	-7.1	1.70	dd

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Compound name: PCB-83

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.52	NO	38.61	0.995	3.54e4	8.21e5	2.38	-5.8	1.73	dd
200601K1_4	50.0	1.59	NO	38.63	0.998	7.53e5	7.95e5	51.7	3.4	1.89	dd
200601K1_5	400	1.57	NO	38.63	0.998	8.96e6	9.02e5	421	5.3	1.93	dd
200601K1_6	1000	1.57	NO	38.63	0.998	1.75e7	9.13e5	1050	4.6	1.92	dd

Compound name: PCB-87

Response Factor: 1.28197

RRF SD: 0.0538988, Relative SD: 4.20437

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.36	NO	38.82	1.000	2.35e3	7.55e5	0.243	-2.9	1.25	MM
200601K1_2	1.00	1.42	NO	38.82	1.000	1.01e4	8.31e5	0.949	-5.1	1.22	dd
200601K1_3	2.50	1.48	NO	38.84	1.001	2.56e4	8.21e5	2.43	-2.8	1.25	dd
200601K1_4	50.0	1.58	NO	38.84	1.001	5.17e5	7.95e5	50.7	1.4	1.30	dd
200601K1_5	400	1.58	NO	38.84	1.001	4.86e6	9.02e5	420	5.0	1.35	dd
200601K1_6	1000	1.58	NO	38.84	1.001	1.22e7	9.13e5	1040	4.4	1.34	dd

Compound name: PCB-88

Response Factor: 1.11715

RRF SD: 0.0744773, Relative SD: 6.6667

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.47	NO	38.97	1.004	1.84e3	7.55e5	0.219	-12.8	0.977	dd
200601K1_2	1.00	1.82	NO	38.99	1.005	9.15e3	8.31e5	0.985	-1.5	1.10	dd
200601K1_3	2.50	1.83	NO	38.99	1.005	2.31e4	8.21e5	2.52	0.6	1.12	dd
200601K1_4	50.0	1.58	NO	38.99	1.005	4.60e5	7.95e5	51.8	3.6	1.16	dd
200601K1_5	400	1.57	NO	38.99	1.005	4.23e6	9.02e5	420	4.9	1.17	dd
200601K1_6	1000	1.55	NO	38.99	1.005	1.07e7	9.13e5	1050	4.9	1.17	dd

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Compound name: PCB-87/117/125

Response Factor: 1.55887

RRF SD: 0.10978, Relative SD: 7.04225

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.750	1.69	NO	39.10	1.008	8.41e3	7.55e5	0.714	-4.8	1.48	dd
200801K1_2	3.00	1.54	NO	39.12	1.008	3.56e4	8.31e5	2.74	-8.5	1.43	dd
200801K1_3	7.50	1.62	NO	39.12	1.008	9.10e4	8.21e5	7.11	-5.2	1.48	dd
200801K1_4	150	1.57	NO	39.12	1.008	1.92e6	7.95e5	155	3.4	1.61	dd
200801K1_5	1200	1.57	NO	39.12	1.008	1.82e7	9.02e5	1290	7.6	1.68	dd
200801K1_6	3000	1.57	NO	39.12	1.008	4.59e7	9.13e5	3220	7.5	1.68	dd

Compound name: PCB-111/115

Response Factor: 1.91042

RRF SD: 0.105925, Relative SD: 5.54456

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.58	NO	39.27	1.012	6.99e3	7.55e5	0.485	-3.1	1.85	dd
200801K1_2	2.00	1.41	NO	39.27	1.012	2.93e4	8.31e5	1.85	-7.6	1.77	dd
200801K1_3	5.00	1.62	NO	39.27	1.012	7.57e4	8.21e5	4.82	-3.5	1.84	dd
200801K1_4	100	1.57	NO	39.27	1.012	1.56e6	7.95e5	103	2.8	1.96	dd
200801K1_5	800	1.57	NO	39.27	1.012	1.46e7	9.02e5	847	5.6	2.02	dd
200801K1_6	2000	1.55	NO	39.28	1.013	3.69e7	9.13e5	2120	5.8	2.02	dd

Compound name: PCB-85/116

Response Factor: 1.41084

RRF SD: 0.0937905, Relative SD: 6.64783

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.72	NO	39.40	1.015	5.54e3	7.55e5	0.520	4.0	1.47	db
200801K1_2	2.00	1.42	NO	39.40	1.015	2.11e4	8.31e5	1.79	-10.3	1.27	dd

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Compound name: PCB-85/116

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.54	NO	39.40	1.015	5.42e4	8.21e5	4.68	-6.4	1.32	dd
200601K1_4	100	1.58	NO	39.40	1.015	1.15e6	7.95e5	102	2.3	1.44	db
200601K1_5	800	1.58	NO	39.40	1.015	1.07e7	9.02e5	842	5.2	1.48	db
200601K1_6	2000	1.60	NO	39.40	1.015	2.71e7	9.13e5	2100	5.2	1.48	db

Compound name: PCB-120

Response Factor: 2.00504

RRF SD: 0.113682, Relative SD: 5.66984

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	39.84	1.022	3.56e3	7.55e5	0.235	-6.0	1.88	bd
200601K1_2	1.00	1.56	NO	39.66	1.022	1.80e4	8.31e5	0.959	-4.1	1.92	dd
200601K1_3	2.50	1.56	NO	39.66	1.022	3.91e4	8.21e5	2.37	-5.1	1.90	dd
200601K1_4	50.0	1.56	NO	39.66	1.022	8.25e5	7.95e5	51.8	3.5	2.08	bd
200601K1_5	400	1.59	NO	39.66	1.022	7.83e6	9.02e5	422	5.4	2.11	bd
200601K1_6	1000	1.56	NO	39.66	1.022	1.95e7	9.13e5	1060	6.3	2.13	bd

Compound name: PCB-110

Response Factor: 1.74266

RRF SD: 0.0926364, Relative SD: 5.3158

Response type: Internal Std (Ref 188), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.62	NO	39.79	1.025	3.10e3	7.55e5	0.235	-5.9	1.84	db
200601K1_2	1.00	1.56	NO	39.81	1.026	1.38e4	8.31e5	0.954	-4.8	1.86	MM
200601K1_3	2.50	1.56	NO	39.81	1.026	3.44e4	8.21e5	2.40	-3.9	1.87	db
200601K1_4	50.0	1.58	NO	39.81	1.026	7.19e5	7.95e5	51.9	3.8	1.81	db
200601K1_5	400	1.58	NO	39.81	1.026	6.65e6	9.02e5	423	5.7	1.84	db
200601K1_6	1000	1.58	NO	39.81	1.026	1.67e7	9.13e5	1050	4.8	1.83	db

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Compound name: PCB-82
 Response Factor: 0.781273
 RRF SD: 0.0477185, Relative SD: 6.10778
 Response type: Internal Std (Ref 189), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.38	NO	40.44	0.976	1.88e3	1.02e6	0.237	-5.4	0.739	MM
200601K1_2	1.00	1.79	NO	40.44	0.976	8.26e3	1.11e6	0.956	-4.4	0.747	MM
200601K1_3	2.50	1.57	NO	40.44	0.976	2.04e4	1.12e6	2.34	-6.5	0.731	dd
200601K1_4	50.0	1.57	NO	40.46	0.976	4.35e5	1.07e6	52.1	4.3	0.815	bb
200601K1_5	400	1.56	NO	40.46	0.976	3.98e6	1.18e6	431	7.8	0.842	bb
200601K1_6	1000	1.55	NO	40.46	0.976	1.00e7	1.23e6	1040	4.1	0.814	bb

Compound name: PCB-124
 Response Factor: 1.39686
 RRF SD: 0.11391, Relative SD: 8.15474
 Response type: Internal Std (Ref 189), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.51	NO	41.15	0.993	3.66e3	1.02e6	0.257	2.9	1.44	MM
200601K1_2	1.00	1.81	NO	41.15	0.993	1.33e4	1.11e6	0.864	-13.6	1.21	bd
200601K1_3	2.50	1.49	NO	41.15	0.993	3.66e4	1.12e6	2.35	-6.1	1.31	bd
200601K1_4	50.0	1.57	NO	41.16	0.993	7.76e5	1.07e6	52.0	4.0	1.45	bd
200601K1_5	400	1.57	NO	41.16	0.993	7.10e6	1.18e6	431	7.7	1.50	bd
200601K1_6	1000	1.56	NO	41.16	0.993	1.81e7	1.23e6	1050	5.2	1.47	bd

Compound name: PCB-107/109
 Response Factor: 1.3418
 RRF SD: 0.112451, Relative SD: 8.38064
 Response type: Internal Std (Ref 189), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	1.52	NO	41.31	0.997	6.09e3	1.02e6	0.446	-10.9	1.20	dd
200601K1_2	2.00	1.81	NO	41.29	0.996	2.87e4	1.11e6	1.93	-3.4	1.30	dd

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Compound name: PCB-107/109

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.48	NO	41.29	0.998	6.93e4	1.12e6	4.83	-7.5	1.24	dd
200801K1_4	100	1.58	NO	41.29	0.998	1.50e6	1.07e6	105	4.9	1.41	dd
200801K1_5	800	1.58	NO	41.29	0.998	1.38e7	1.18e6	871	8.8	1.48	dd
200801K1_6	2000	1.58	NO	41.29	0.998	3.57e7	1.23e6	2160	8.0	1.45	dd

Compound name: PCB-123

Response Factor: 1.19789

RRF SD: 0.0778787, Relative SD: 6.48483

Response type: Internal Std (Ref 189), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.88	NO	41.48	1.001	2.87e3	1.02e6	0.236	-5.7	1.13	db
200801K1_2	1.00	1.57	NO	41.48	1.001	1.21e4	1.11e6	0.917	-8.3	1.10	dd
200801K1_3	2.50	1.54	NO	41.48	1.001	3.25e4	1.12e6	2.43	-2.7	1.17	dd
200801K1_4	50.0	1.58	NO	41.48	1.000	6.69e5	1.07e6	52.3	4.8	1.25	dd
200801K1_5	400	1.58	NO	41.48	1.000	6.11e6	1.18e6	432	7.9	1.29	dd
200801K1_6	1000	1.58	NO	41.48	1.000	1.54e7	1.23e6	1040	4.2	1.25	dd

Compound name: PCB-106/118

Response Factor: 1.21941

RRF SD: 0.102837, Relative SD: 8.43331

Response type: Internal Std (Ref 190), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.34	NO	41.67	1.001	5.58e3	1.07e6	0.426	-14.8	1.04	MM
200801K1_2	2.00	1.73	NO	41.69	1.001	2.72e4	1.17e6	1.92	-4.2	1.17	MM
200801K1_3	5.00	1.55	NO	41.69	1.001	7.07e4	1.16e6	5.01	0.2	1.22	MM
200801K1_4	100	1.57	NO	41.69	1.001	1.44e6	1.12e6	105	5.5	1.29	MM
200801K1_5	800	1.58	NO	41.69	1.001	1.33e7	1.27e6	881	7.8	1.31	MM
200801K1_6	2000	1.58	NO	41.69	1.001	3.40e7	1.32e6	2110	5.7	1.29	MM

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Compound name: PCB-114
 Response Factor: 1.14116
 RRF SD: 0.0850793, Relative SD: 7.45549
 Response type: Internal Std (Ref 191), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	42.32	1.000	3.86e3	1.38e6	0.248	-0.7	1.13	MM
200601K1_2	1.00	1.64	NO	42.34	1.001	1.48e4	1.45e6	0.891	-10.9	1.02	MM
200601K1_3	2.50	1.54	NO	42.34	1.000	3.91e4	1.47e6	2.33	-6.7	1.06	MM
200601K1_4	50.0	1.57	NO	42.34	1.000	8.45e5	1.41e6	52.8	5.3	1.20	MM
200601K1_5	400	1.54	NO	42.34	1.000	7.43e6	1.52e6	428	7.0	1.22	MM
200601K1_6	1000	1.55	NO	42.34	1.000	1.91e7	1.58e6	1060	6.0	1.21	MM

Compound name: PCB-122
 Response Factor: 0.944286
 RRF SD: 0.0437623, Relative SD: 4.63443
 Response type: Internal Std (Ref 191), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.81	NO	42.47	1.004	2.97e3	1.38e6	0.231	-7.8	0.871	MM
200601K1_2	1.00	1.80	NO	42.47	1.004	1.33e4	1.45e6	0.970	-3.0	0.915	MM
200601K1_3	2.50	1.54	NO	42.47	1.004	3.50e4	1.47e6	2.52	0.9	0.953	MM
200601K1_4	50.0	1.56	NO	42.47	1.004	6.92e5	1.41e6	52.1	4.2	0.984	MM
200601K1_5	400	1.55	NO	42.47	1.004	5.98e6	1.52e6	418	4.1	0.983	MM
200601K1_6	1000	1.56	NO	42.47	1.004	1.51e7	1.58e6	1020	1.8	0.959	MM

Compound name: PCB-105
 Response Factor: 1.05075
 RRF SD: 0.0648066, Relative SD: 6.16764
 Response type: Internal Std (Ref 192), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.32	NO	43.21	1.000	3.35e3	1.40e6	0.228	-8.9	0.957	bb
200601K1_2	1.00	1.56	NO	43.23	1.001	1.48e4	1.47e6	0.957	-4.3	1.01	MM

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Compound name: PCB-105

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.58	NO	43.23	1.000	3.84e4	1.49e6	2.45	-2.1	1.03	MM
200601K1_4	50.0	1.58	NO	43.23	1.000	7.78e5	1.42e6	52.1	4.1	1.09	dd
200601K1_5	400	1.59	NO	43.23	1.000	6.92e6	1.53e6	431	7.7	1.13	dd
200601K1_6	1000	1.58	NO	43.23	1.000	1.78e7	1.82e6	1030	3.4	1.09	dd

Compound name: PCB-127

Response Factor: 1.05904

RRF SD: 0.0891593, Relative SD: 6.53037

Response type: Internal Std (Ref 193), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.35	NO	43.57	1.000	3.42e3	1.45e6	0.223	-10.8	0.944	MM
200601K1_2	1.00	1.53	NO	43.57	1.000	1.54e4	1.51e6	0.965	-3.5	1.02	db
200601K1_3	2.50	1.57	NO	43.57	1.000	4.15e4	1.59e6	2.47	-1.3	1.05	MM
200601K1_4	50.0	1.57	NO	43.57	1.000	6.11e5	1.47e6	52.2	4.4	1.11	db
200601K1_5	400	1.59	NO	43.57	1.000	7.02e6	1.58e6	420	5.0	1.11	db
200601K1_6	1000	1.57	NO	43.57	1.000	1.85e7	1.84e6	1060	6.1	1.12	db

Compound name: PCB-128

Response Factor: 1.17214

RRF SD: 0.0891348, Relative SD: 7.60443

Response type: Internal Std (Ref 194), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.67	NO	45.52	1.000	3.40e3	1.33e6	0.218	-12.8	1.02	bb
200601K1_2	1.00	1.48	NO	45.52	1.000	1.71e4	1.49e6	0.982	-1.8	1.15	MM
200601K1_3	2.50	1.61	NO	45.52	1.000	4.35e4	1.54e6	2.42	-3.3	1.13	MM
200601K1_4	50.0	1.54	NO	45.54	1.000	8.88e5	1.45e6	52.1	4.3	1.22	db
200601K1_5	400	1.56	NO	45.54	1.001	7.83e6	1.51e6	431	7.7	1.26	db
200601K1_6	1000	1.56	NO	45.54	1.000	1.98e7	1.80e6	1060	5.9	1.24	db

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Compound name: PCB-155
 Response Factor: 1.04363
 RRF SD: 0.0461718, Relative SD: 4.42414
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.30	NO	37.01	1.001	1.70e3	6.57e5	0.247	-1.1	1.03	bb
200801K1_2	1.00	1.23	NO	37.01	1.001	7.53e3	7.35e5	0.981	-1.9	1.02	bb
200801K1_3	2.50	1.18	NO	37.01	1.000	1.80e4	7.36e5	2.34	-6.5	0.976	bb
200801K1_4	50.0	1.30	NO	37.01	1.000	3.73e5	7.19e5	49.7	-0.8	1.04	bb
200801K1_5	400	1.30	NO	37.01	1.000	3.46e6	7.88e5	421	5.4	1.10	bb
200801K1_6	1000	1.29	NO	37.01	1.000	6.65e6	7.92e5	1050	4.7	1.09	bb

Compound name: PCB-150
 Response Factor: 1.08341
 RRF SD: 0.0925801, Relative SD: 8.54521
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.14	NO	38.30	1.036	1.59e3	6.57e5	0.223	-10.8	0.967	MM
200801K1_2	1.00	1.15	NO	38.32	1.036	7.27e3	7.35e5	0.912	-6.8	0.968	bb
200801K1_3	2.50	1.32	NO	38.32	1.036	1.98e4	7.36e5	2.49	-0.6	1.08	bb
200801K1_4	50.0	1.26	NO	38.32	1.036	3.96e5	7.19e5	50.9	1.7	1.10	bb
200801K1_5	400	1.29	NO	38.32	1.036	3.72e6	7.88e5	436	8.9	1.18	bb
200801K1_6	1000	1.29	NO	38.32	1.036	9.39e6	7.92e5	1090	9.5	1.19	bb

Compound name: PCB-152
 Response Factor: 1.18641
 RRF SD: 0.106735, Relative SD: 8.99646
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.37	NO	38.80	1.049	1.72e3	6.57e5	0.221	-11.7	1.05	MM
200801K1_2	1.00	1.34	NO	38.80	1.049	6.42e3	7.35e5	0.966	-3.4	1.15	bb

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Compound name: PCB-152

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_3	2.50	1.28	NO	38.80	1.049	2.02e4	7.36e5	2.32	-7.3	1.10	bb
200801K1_4	50.0	1.30	NO	38.80	1.049	4.38e5	7.19e5	51.3	2.6	1.22	bb
200801K1_5	400	1.31	NO	38.80	1.049	4.12e6	7.88e5	441	10.4	1.31	bb
200801K1_6	1000	1.30	NO	38.82	1.049	1.03e7	7.92e5	1090	9.4	1.30	bb

Compound name: PCB-145

Response Factor: 1.18848
 RRF SD: 0.0869925, Relative SD: 7.31963
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.30	NO	39.27	1.062	1.80e3	6.57e5	0.231	-7.7	1.10	MM
200801K1_2	1.00	1.31	NO	39.27	1.062	8.51e3	7.35e5	0.974	-2.6	1.16	bb
200801K1_3	2.50	1.25	NO	39.27	1.061	2.04e4	7.36e5	2.34	-6.6	1.11	bb
200801K1_4	50.0	1.31	NO	39.27	1.061	4.24e5	7.19e5	49.6	-0.9	1.18	bb
200801K1_5	400	1.28	NO	39.27	1.061	4.10e6	7.88e5	438	9.5	1.30	bb
200801K1_6	1000	1.29	NO	39.27	1.061	1.02e7	7.92e5	1090	6.2	1.29	bb

Compound name: PCB-136

Response Factor: 1.02088
 RRF SD: 0.0891715, Relative SD: 6.77586
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.19	NO	39.60	1.071	1.50e3	6.57e5	0.224	-10.4	0.915	MM
200801K1_2	1.00	1.37	NO	39.60	1.071	7.18e3	7.35e5	0.957	-4.3	0.977	MM
200801K1_3	2.50	1.20	NO	39.60	1.070	1.87e4	7.36e5	2.49	-0.3	1.02	bd
200801K1_4	50.0	1.32	NO	39.60	1.070	3.70e5	7.19e5	50.4	0.7	1.03	bd
200801K1_5	400	1.30	NO	39.60	1.070	3.47e6	7.88e5	431	7.8	1.10	bd
200801K1_6	1000	1.29	NO	39.60	1.070	8.61e6	7.92e5	1090	6.5	1.09	bd

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Compound name: PCB-148
 Response Factor: 0.841589
 RRF SD: 0.0633021, Relative SD: 7.52173
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.05	NO	39.71	1.074	1.36e3	6.57e5	0.246	-1.4	0.830	MM
200601K1_2	1.00	1.26	NO	39.71	1.074	5.73e3	7.35e5	0.926	-7.4	0.779	db
200601K1_3	2.50	1.29	NO	39.71	1.073	1.42e4	7.36e5	2.30	-8.0	0.775	db
200601K1_4	50.0	1.32	NO	39.71	1.073	2.99e5	7.19e5	49.4	-1.1	0.832	db
200601K1_5	400	1.31	NO	39.71	1.073	2.87e6	7.88e5	434	8.4	0.913	db
200601K1_6	1000	1.31	NO	39.71	1.073	7.30e6	7.92e5	1090	9.5	0.921	db

Compound name: PCB-154
 Response Factor: 0.91897
 RRF SD: 0.0435601, Relative SD: 4.7401
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	40.22	1.088	1.56e3	6.57e5	0.258	3.3	0.949	MM
200601K1_2	1.00	1.41	NO	40.22	1.088	6.57e3	7.35e5	0.973	-2.7	0.894	MM
200601K1_3	2.50	1.35	NO	40.22	1.087	1.57e4	7.36e5	2.32	-7.1	0.853	bb
200601K1_4	50.0	1.33	NO	40.22	1.087	3.23e5	7.19e5	48.9	-2.2	0.899	bb
200601K1_5	400	1.30	NO	40.22	1.087	3.01e6	7.88e5	416	4.0	0.958	bb
200601K1_6	1000	1.30	NO	40.22	1.087	7.62e6	7.92e5	1050	4.7	0.963	bb

Compound name: PCB-151
 Response Factor: 0.786525
 RRF SD: 0.034223, Relative SD: 4.35117
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	40.88	1.106	1.19e3	6.57e5	0.231	-7.8	0.725	MM
200601K1_2	1.00	1.15	NO	40.88	1.106	5.79e3	7.35e5	1.00	0.1	0.787	bb

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Compound name: PCB-151

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.14	NO	40.88	1.105	1.45e4	7.36e5	2.50	0.0	0.787	bb
200601K1_4	50.0	1.33	NO	40.88	1.105	2.82e5	7.19e5	49.9	-0.2	0.785	bd
200601K1_5	400	1.31	NO	40.88	1.105	2.54e6	7.88e5	410	2.8	0.807	bb
200601K1_6	1000	1.28	NO	40.88	1.105	6.56e6	7.92e5	1050	5.2	0.828	bd

Compound name: PCB-135

Response Factor: 0.922274

RRF SD: 0.05017, Relative SD: 5.43982

Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.35	NO	41.11	1.112	1.63e3	6.57e5	0.268	7.3	0.990	MM
200601K1_2	1.00	1.27	NO	41.11	1.112	6.81e3	7.35e5	1.00	0.4	0.926	MM
200601K1_3	2.50	1.33	NO	41.11	1.111	1.56e4	7.36e5	2.29	-8.2	0.847	MM
200601K1_4	50.0	1.28	NO	41.11	1.111	3.19e5	7.19e5	48.1	-3.7	0.888	dd
200601K1_5	400	1.27	NO	41.11	1.111	2.93e6	7.88e5	403	0.7	0.929	bd
200601K1_6	1000	1.28	NO	41.11	1.111	7.56e6	7.92e5	1040	3.5	0.955	dd

Compound name: PCB-144

Response Factor: 0.788937

RRF SD: 0.0931784, Relative SD: 11.8106

Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	41.22	1.115	1.14e3	6.57e5	0.219	-12.4	0.691	dd
200601K1_2	1.00	1.05	NO	41.20	1.114	5.31e3	7.35e5	0.915	-8.5	0.722	MM
200601K1_3	2.50	1.25	NO	41.22	1.114	1.33e4	7.36e5	2.29	-8.5	0.722	MM
200601K1_4	50.0	1.30	NO	41.22	1.114	2.87e5	7.19e5	50.6	1.3	0.799	dd
200601K1_5	400	1.28	NO	41.22	1.114	2.82e6	7.88e5	454	13.4	0.895	dd
200601K1_6	1000	1.28	NO	41.22	1.114	7.17e6	7.92e5	1150	14.7	0.905	dd

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Compound name: PCB-147
 Response Factor: 0.834498
 RRF SD: 0.0629802, Relative SD: 7.54708
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.35	NO	41.35	1.118	1.49e3	6.57e5	0.271	8.8	0.908	db
200801K1_2	1.00	1.27	NO	41.35	1.118	5.42e3	7.35e5	0.883	-11.7	0.737	MM
200801K1_3	2.50	1.33	NO	41.35	1.118	1.44e4	7.38e5	2.34	-8.4	0.781	MM
200801K1_4	50.0	1.32	NO	41.35	1.118	3.05e5	7.19e5	50.9	1.8	0.849	db
200801K1_5	400	1.29	NO	41.35	1.118	2.72e6	7.88e5	413	3.3	0.862	db
200801K1_6	1000	1.31	NO	41.35	1.118	6.90e6	7.92e5	1040	4.4	0.871	db

Compound name: PCB-139/149
 Response Factor: 0.947782
 RRF SD: 0.0555305, Relative SD: 5.859
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.23	NO	41.63	1.126	3.21e3	6.57e5	0.515	3.0	0.977	MM
200801K1_2	2.00	1.18	NO	41.63	1.126	1.32e4	7.35e5	1.90	-5.2	0.898	MM
200801K1_3	5.00	1.32	NO	41.63	1.125	3.24e4	7.38e5	4.85	-7.0	0.881	bd
200801K1_4	100	1.30	NO	41.63	1.125	6.80e5	7.19e5	98.9	-3.1	0.918	bd
200801K1_5	800	1.28	NO	41.63	1.125	6.31e6	7.88e5	848	5.7	1.00	bd
200801K1_6	2000	1.30	NO	41.63	1.125	1.80e7	7.92e5	2130	6.8	1.01	bd

Compound name: PCB-140
 Response Factor: 0.793808
 RRF SD: 0.0527788, Relative SD: 6.65048
 Response type: Internal Std (Ref 195), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.38	NO	41.80	1.130	1.28e3	6.57e5	0.245	-1.8	0.779	MM
200801K1_2	1.00	1.30	NO	41.81	1.131	5.44e3	7.35e5	0.932	-6.8	0.740	MM

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Compound name: PCB-140

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.30	NO	41.81	1.130	1.35e4	7.36e5	2.31	-7.4	0.735	db
200601K1_4	50.0	1.35	NO	41.81	1.130	2.88e5	7.19e5	50.5	0.9	0.801	db
200601K1_5	400	1.29	NO	41.81	1.130	2.70e6	7.88e5	431	7.9	0.856	db
200601K1_6	1000	1.32	NO	41.81	1.130	8.74e6	7.92e5	1070	7.3	0.851	db

Compound name: PCB-134/143

Response Factor: 0.758932

RRF SD: 0.0865715, Relative SD: 11.407

Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.38	NO	42.26	0.975	3.74e3	1.21e6	0.408	-18.4	0.619	bb
200601K1_2	2.00	1.24	NO	42.26	0.975	1.80e4	1.26e6	1.88	-5.9	0.714	bb
200601K1_3	5.00	1.23	NO	42.26	0.975	4.77e4	1.30e6	4.84	-3.3	0.734	bb
200601K1_4	100	1.24	NO	42.26	0.974	1.01e6	1.25e6	107	8.8	0.809	bb
200601K1_5	800	1.22	NO	42.26	0.974	9.11e6	1.35e6	890	11.2	0.844	bb
200601K1_6	2000	1.24	NO	42.26	0.974	2.30e7	1.38e6	2200	9.8	0.833	bb

Compound name: PCB-131/133

Response Factor: 0.820779

RRF SD: 0.0843262, Relative SD: 10.2739

Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.42	NO	42.57	0.982	4.18e3	1.21e6	0.420	-18.1	0.689	MM
200601K1_2	2.00	1.22	NO	42.57	0.982	1.97e4	1.26e6	1.90	-4.9	0.780	bd
200601K1_3	5.00	1.28	NO	42.57	0.982	5.11e4	1.30e6	4.79	-4.3	0.788	bd
200601K1_4	100	1.22	NO	42.57	0.981	1.08e6	1.25e6	105	5.3	0.885	bd
200601K1_5	800	1.22	NO	42.57	0.981	9.78e6	1.35e6	882	10.2	0.904	bd
200601K1_6	2000	1.23	NO	42.57	0.981	2.49e7	1.38e6	2190	9.7	0.901	bd

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Compound name: PCB-142
 Response Factor: 0.754261
 RRF SD: 0.0382275, Relative SD: 5.06821
 Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	42.72	0.985	2.21e3	1.21e6	0.243	-2.8	0.733	MM
200601K1_2	1.00	1.24	NO	42.74	0.986	8.89e3	1.26e6	0.933	-6.7	0.703	db
200601K1_3	2.50	1.25	NO	42.74	0.986	2.38e4	1.30e6	2.42	-3.1	0.731	dd
200601K1_4	50.0	1.24	NO	42.74	0.985	4.79e5	1.25e6	50.8	1.5	0.766	dd
200601K1_5	400	1.23	NO	42.74	0.985	4.33e6	1.35e6	426	6.4	0.803	dd
200601K1_6	1000	1.21	NO	42.74	0.985	1.09e7	1.38e6	1050	4.7	0.790	dd

Compound name: PCB-146/165
 Response Factor: 1.01661
 RRF SD: 0.0808121, Relative SD: 7.94921
 Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.23	NO	42.97	0.991	5.49e3	1.21e6	0.447	-10.5	0.910	dd
200601K1_2	2.00	1.22	NO	42.97	0.991	2.47e4	1.26e6	1.92	-3.9	0.977	bb
200601K1_3	5.00	1.22	NO	42.97	0.991	6.23e4	1.30e6	4.71	-5.7	0.959	dd
200601K1_4	100	1.22	NO	42.97	0.990	1.31e6	1.25e6	103	2.9	1.05	dd
200601K1_5	800	1.23	NO	42.97	0.990	1.20e7	1.35e6	873	9.2	1.11	dd
200601K1_6	2000	1.22	NO	42.97	0.990	3.04e7	1.38e6	2160	8.1	1.10	dd

Compound name: PCB-132/161
 Response Factor: 1.02411
 RRF SD: 0.0851295, Relative SD: 6.3596
 Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.21	NO	43.19	0.996	5.86e3	1.21e6	0.474	-5.3	0.970	dd
200601K1_2	2.00	1.19	NO	43.21	0.997	2.45e4	1.26e6	1.89	-5.3	0.970	bd

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Compound name: PCB-132/161

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.28	NO	43.19	0.996	6.25e4	1.30e6	4.69	-6.2	0.961	dd
200601K1_4	100	1.24	NO	43.21	0.996	1.31e6	1.25e6	103	2.6	1.05	dd
200601K1_5	800	1.24	NO	43.21	0.996	1.19e7	1.35e6	861	7.7	1.10	dd
200601K1_6	2000	1.24	NO	43.21	0.996	3.02e7	1.38e6	2130	6.5	1.09	dd

Compound name: PCB-153

Response Factor: 1.07057

RRF SD: 0.0679682, Relative SD: 6.34876

Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	43.38	1.000	2.99e3	1.21e6	0.232	-7.4	0.992	MM
200601K1_2	1.00	1.26	NO	43.40	1.001	1.30e4	1.28e6	0.960	-4.0	1.03	dd
200601K1_3	2.50	1.18	NO	43.40	1.001	3.29e4	1.30e6	2.36	-5.5	1.01	dd
200601K1_4	50.0	1.25	NO	43.40	1.000	6.97e5	1.25e6	52.0	4.0	1.11	dd
200601K1_5	400	1.24	NO	43.40	1.000	6.17e6	1.35e6	426	6.9	1.14	dd
200601K1_6	1000	1.24	NO	43.40	1.000	1.57e7	1.38e6	1060	6.0	1.14	dd

Compound name: PCB-168

Response Factor: 1.07725

RRF SD: 0.0814218, Relative SD: 7.55832

Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	43.61	1.006	2.93e3	1.21e6	0.225	-10.1	0.969	db
200601K1_2	1.00	1.30	NO	43.61	1.006	1.29e4	1.26e6	0.946	-5.4	1.02	db
200601K1_3	2.50	1.23	NO	43.61	1.006	3.39e4	1.30e6	2.42	-3.3	1.04	db
200601K1_4	50.0	1.24	NO	43.61	1.005	6.89e5	1.25e6	51.1	2.1	1.10	db
200601K1_5	400	1.24	NO	43.63	1.006	6.32e6	1.35e6	435	8.7	1.17	db
200601K1_6	1000	1.23	NO	43.63	1.006	1.81e7	1.38e6	1060	8.0	1.16	db

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Compound name: PCB-141
 Response Factor: 1.02661
 RRF SD: 0.0643735, Relative SD: 6.27049
 Response type: Internal Std (Ref 197), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.34	NO	44.16	1.001	2.32e3	9.74e5	0.232	-7.2	0.953	MM
200601K1_2	1.00	1.28	NO	44.16	1.000	1.02e4	1.06e6	0.941	-5.9	0.966	MM
200601K1_3	2.50	1.23	NO	44.16	1.000	2.72e4	1.10e6	2.41	-3.6	0.989	bd
200601K1_4	50.0	1.24	NO	44.18	1.000	5.51e5	1.03e6	51.9	3.8	1.07	bd
200601K1_5	400	1.24	NO	44.18	1.000	4.91e6	1.12e6	426	6.6	1.09	bd
200601K1_6	1000	1.24	NO	44.16	1.000	1.23e7	1.12e6	1060	6.3	1.09	bd

Compound name: PCB-137
 Response Factor: 1.11036
 RRF SD: 0.0861984, Relative SD: 7.76308
 Response type: Internal Std (Ref 197), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	44.54	1.010	2.39e3	9.74e5	0.221	-11.5	0.983	MM
200601K1_2	1.00	1.34	NO	44.56	1.009	1.09e4	1.06e6	0.931	-6.9	1.03	MM
200601K1_3	2.50	1.19	NO	44.56	1.009	3.06e4	1.10e6	2.51	0.3	1.11	MM
200601K1_4	50.0	1.24	NO	44.56	1.009	5.93e5	1.03e6	51.6	3.2	1.15	bd
200601K1_5	400	1.22	NO	44.56	1.009	5.38e6	1.12e6	432	8.0	1.20	bd
200601K1_6	1000	1.22	NO	44.56	1.009	1.34e7	1.12e6	1070	6.9	1.19	bd

Compound name: PCB-130
 Response Factor: 0.885312
 RRF SD: 0.0756292, Relative SD: 8.54266
 Response type: Internal Std (Ref 197), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.41	NO	44.65	1.012	1.86e3	9.74e5	0.216	-13.6	0.765	MM
200601K1_2	1.00	1.09	NO	44.65	1.012	9.08e3	1.06e6	0.969	-3.1	0.858	MM

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Compound name: PCB-130

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	44.65	1.012	2.34e4	1.10e6	2.41	-3.7	0.852	MM
200601K1_4	50.0	1.24	NO	44.67	1.012	4.75e5	1.03e6	51.9	3.8	0.919	MM
200601K1_5	400	1.23	NO	44.67	1.012	4.37e6	1.12e6	440	10.0	0.974	MM
200601K1_6	1000	1.23	NO	44.67	1.012	1.06e7	1.12e6	1070	6.6	0.944	MM

Compound name: PCB-138/163/164

Response Factor: 1.28353

RRF SD: 0.106549, Relative SD: 8.30127

Response type: Internal Std (Ref 198), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.750	1.29	NO	45.05	1.001	8.62e3	1.00e6	0.671	-10.6	1.15	MM
200601K1_2	3.00	1.18	NO	45.05	1.001	4.01e4	1.11e6	2.82	-5.9	1.21	bd
200601K1_3	7.50	1.26	NO	45.05	1.001	1.06e5	1.16e6	7.12	-5.1	1.22	bd
200601K1_4	150	1.23	NO	45.05	1.001	2.17e6	1.07e6	157	4.8	1.35	bd
200601K1_5	1200	1.23	NO	45.05	1.001	2.01e7	1.18e6	1330	10.5	1.42	bd
200601K1_6	3000	1.23	NO	45.05	1.001	5.01e7	1.22e6	3190	6.3	1.36	bd

Compound name: PCB-158/160

Response Factor: 1.23999

RRF SD: 0.0786271, Relative SD: 6.34093

Response type: Internal Std (Ref 198), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.06	NO	45.28	1.006	5.95e3	1.00e6	0.479	-4.2	1.19	MM
200601K1_2	2.00	1.20	NO	45.30	1.007	2.56e4	1.11e6	1.87	-6.7	1.16	dd
200601K1_3	5.00	1.23	NO	45.30	1.006	6.75e4	1.16e6	4.70	-5.9	1.17	dd
200601K1_4	100	1.22	NO	45.30	1.006	1.38e6	1.07e6	104	3.6	1.26	dd
200601K1_5	800	1.22	NO	45.30	1.006	1.26e7	1.18e6	864	8.0	1.34	dd
200601K1_6	2000	1.24	NO	45.30	1.006	3.19e7	1.22e6	2100	5.2	1.30	dd

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Compound name: PCB-129
 Response Factor: 0.866678
 RRF SD: 0.0575829, Relative SD: 6.64409
 Response type: Internal Std (Ref 198), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.30	NO	45.54	1.012	2.07e3	1.00e6	0.239	-4.5	0.827	MM
200601K1_2	1.00	1.30	NO	45.54	1.012	9.27e3	1.11e6	0.968	-3.4	0.837	db
200601K1_3	2.50	1.28	NO	45.54	1.012	2.27e4	1.16e6	2.27	-9.2	0.787	db
200601K1_4	50.0	1.23	NO	45.54	1.012	4.97e5	1.07e6	53.4	6.8	0.926	db
200601K1_5	400	1.22	NO	45.54	1.012	4.35e6	1.18e6	426	6.6	0.923	db
200601K1_6	1000	1.22	NO	45.54	1.012	1.10e7	1.22e6	1040	3.8	0.900	db

Compound name: PCB-166
 Response Factor: 1.14308
 RRF SD: 0.0513388, Relative SD: 4.49125
 Response type: Internal Std (Ref 199), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.21	NO	46.02	0.993	3.46e3	1.22e6	0.249	-0.5	1.14	db
200601K1_2	1.00	1.17	NO	46.00	0.993	1.44e4	1.34e6	0.943	-5.7	1.08	MM
200601K1_3	2.50	1.25	NO	46.02	0.993	3.77e4	1.39e6	2.38	-4.7	1.09	MM
200601K1_4	50.0	1.24	NO	46.02	0.993	7.77e5	1.33e6	51.2	2.3	1.17	MM
200601K1_5	400	1.24	NO	46.02	0.993	6.88e6	1.42e6	423	5.8	1.21	MM
200601K1_6	1000	1.22	NO	46.02	0.993	1.77e7	1.51e6	1030	2.7	1.17	MM

Compound name: PCB-159
 Response Factor: 1.21657
 RRF SD: 0.0622303, Relative SD: 5.11521
 Response type: Internal Std (Ref 199), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.24	NO	46.34	1.000	3.62e3	1.22e6	0.245	-2.2	1.19	MM
200601K1_2	1.00	1.24	NO	46.34	1.000	1.58e4	1.34e6	0.961	-3.9	1.17	MM

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Compound name: PCB-150

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	46.36	1.001	3.92e4	1.38e6	2.33	-6.7	1.13	MM
200601K1_4	50.0	1.22	NO	46.36	1.000	8.24e5	1.33e6	51.0	2.0	1.24	MM
200601K1_5	400	1.24	NO	46.36	1.000	7.37e6	1.42e6	428	6.6	1.30	MM
200601K1_6	1000	1.23	NO	46.36	1.000	1.91e7	1.51e6	1040	4.3	1.27	MM

Compound name: PCB-128/162

Response Factor: 0.907497

RRF SD: 0.0511425, Relative SD: 5.63556

Response type: Internal Std (Ref 199), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.13	NO	46.64	1.007	5.34e3	1.22e6	0.484	-3.3	0.676	MM
200601K1_2	2.00	1.20	NO	46.64	1.007	2.26e4	1.34e6	1.86	-6.9	0.845	MM
200601K1_3	5.00	1.25	NO	46.64	1.007	5.99e4	1.38e6	4.77	-4.8	0.866	MM
200601K1_4	100	1.24	NO	46.64	1.007	1.25e6	1.33e6	103	3.3	0.938	MM
200601K1_5	800	1.24	NO	46.64	1.007	1.10e7	1.42e6	856	7.0	0.971	MM
200601K1_6	2000	1.21	NO	46.66	1.007	2.85e7	1.51e6	2090	4.4	0.947	MM

Compound name: PCB-167

Response Factor: 1.10858

RRF SD: 0.0571768, Relative SD: 5.15766

Response type: Internal Std (Ref 200), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.29	NO	47.06	1.001	3.31e3	1.22e6	0.248	-1.8	1.09	MM
200601K1_2	1.00	1.39	NO	47.06	1.001	1.36e4	1.33e6	0.938	-6.2	1.04	MM
200601K1_3	2.50	1.19	NO	47.06	1.000	3.66e4	1.39e6	2.38	-4.7	1.06	bb
200601K1_4	50.0	1.24	NO	47.06	1.000	7.62e5	1.38e6	50.6	1.2	1.12	bb
200601K1_5	400	1.25	NO	47.06	1.000	6.68e6	1.41e6	428	7.1	1.19	bb
200601K1_6	1000	1.23	NO	47.06	1.000	1.72e7	1.48e6	1040	4.3	1.16	bb

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Compound name: PCB-156
 Response Factor: 1.12589
 RRF SD: 0.0789703, Relative SD: 7.01404
 Response type: Internal Std (Ref 201), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	48.38	1.000	3.07e3	1.18e6	0.231	-7.7	1.04	MM
200601K1_2	1.00	1.18	NO	48.38	1.000	1.32e4	1.26e6	0.931	-6.9	1.05	MM
200601K1_3	2.50	1.20	NO	48.38	1.000	3.67e4	1.35e6	2.42	-3.4	1.09	bb
200601K1_4	50.0	1.25	NO	48.38	1.000	7.58e5	1.31e6	51.2	2.5	1.15	bd
200601K1_5	400	1.22	NO	48.38	1.000	6.73e6	1.37e6	435	8.9	1.23	bd
200601K1_6	1000	1.23	NO	48.38	1.000	1.76e7	1.47e6	1070	6.6	1.20	bd

Compound name: PCB-157
 Response Factor: 1.03828
 RRF SD: 0.0627401, Relative SD: 6.04267
 Response type: Internal Std (Ref 202), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.31	NO	48.65	1.000	2.89e3	1.19e6	0.234	-6.2	0.974	MM
200601K1_2	1.00	1.16	NO	48.67	1.001	1.21e4	1.24e6	0.943	-5.7	0.980	dd
200601K1_3	2.50	1.20	NO	48.67	1.000	3.40e4	1.36e6	2.41	-3.7	1.00	bd
200601K1_4	50.0	1.23	NO	48.67	1.000	6.97e5	1.31e6	51.1	2.2	1.06	dd
200601K1_5	400	1.23	NO	48.67	1.000	6.16e6	1.37e6	432	8.0	1.12	dd
200601K1_6	1000	1.23	NO	48.67	1.000	1.82e7	1.48e6	1050	5.4	1.09	dd

Compound name: PCB-169
 Response Factor: 1.15806
 RRF SD: 0.0659172, Relative SD: 5.69202
 Response type: Internal Std (Ref 203), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	50.92	1.000	3.08e3	1.12e6	0.238	-5.0	1.10	bb
200601K1_2	1.00	1.28	NO	50.92	1.000	1.29e4	1.19e6	0.940	-6.0	1.09	MM

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Compound name: PCB-169

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.27	NO	50.92	1.000	3.70e4	1.33e6	2.40	-4.1	1.11	bb
200601K1_4	50.0	1.23	NO	50.92	1.000	7.28e5	1.22e6	51.5	2.9	1.19	bb
200601K1_5	400	1.23	NO	50.92	1.000	6.46e6	1.30e6	429	7.2	1.24	bb
200601K1_6	1000	1.24	NO	50.94	1.000	1.73e7	1.42e6	1050	5.0	1.22	bb

Compound name: PCB-188

Response Factor: 1.28967

RRF SD: 0.0641497, Relative SD: 4.97412

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	43.01	1.000	2.94e3	9.28e5	0.248	-1.7	1.27	MM
200601K1_2	1.00	1.01	NO	43.01	1.000	1.20e4	1.02e6	0.918	-8.4	1.16	MM
200601K1_3	2.50	0.97	NO	43.02	1.001	3.28e4	1.03e6	2.48	-1.6	1.27	bb
200601K1_4	50.0	1.05	NO	43.02	1.000	6.73e5	1.01e6	51.5	3.0	1.33	bb
200601K1_5	400	1.05	NO	43.02	1.000	6.15e6	1.13e6	420	5.1	1.35	bb
200601K1_6	1000	1.03	NO	43.02	1.000	1.58e7	1.18e6	1040	3.7	1.34	bb

Compound name: PCB-184

Response Factor: 1.23185

RRF SD: 0.0863042, Relative SD: 7.00722

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	43.48	1.011	2.47e3	9.28e5	0.216	-13.6	1.06	MM
200601K1_2	1.00	0.98	NO	43.48	1.011	1.28e4	1.02e6	1.01	0.8	1.24	bb
200601K1_3	2.50	1.09	NO	43.48	1.012	3.18e4	1.03e6	2.50	-0.1	1.23	bb
200601K1_4	50.0	1.04	NO	43.48	1.011	6.50e5	1.01e6	52.1	4.1	1.28	bb
200601K1_5	400	1.05	NO	43.48	1.011	5.91e6	1.13e6	423	5.7	1.30	bb
200601K1_6	1000	1.03	NO	43.48	1.011	1.50e7	1.18e6	1030	3.1	1.27	bb

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Compound name: PCB-179
 Response Factor: 1.29806
 RRF SD: 0.052795, Relative SD: 4.06721
 Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.00	NO	44.27	1.030	2.80e3	9.28e5	0.232	-7.0	1.21	MM
200801K1_2	1.00	1.00	NO	44.29	1.030	1.29e4	1.02e6	0.979	-2.1	1.27	MM
200801K1_3	2.50	1.10	NO	44.29	1.030	3.39e4	1.03e6	2.52	1.0	1.31	bb
200801K1_4	50.0	1.04	NO	44.29	1.030	6.78e5	1.01e6	51.4	2.8	1.33	bb
200801K1_5	400	1.04	NO	44.29	1.030	6.18e6	1.13e6	418	4.5	1.36	bb
200801K1_6	1000	1.04	NO	44.29	1.030	1.55e7	1.18e6	1010	0.9	1.31	bb

Compound name: PCB-176
 Response Factor: 1.30863
 RRF SD: 0.0665306, Relative SD: 5.08397
 Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.13	NO	44.75	1.041	2.78e3	9.28e5	0.229	-8.5	1.20	MM
200801K1_2	1.00	1.07	NO	44.77	1.041	1.34e4	1.02e6	1.01	0.7	1.32	bb
200801K1_3	2.50	1.07	NO	44.77	1.041	3.31e4	1.03e6	2.44	-2.3	1.28	MM
200801K1_4	50.0	1.05	NO	44.77	1.041	6.80e5	1.01e6	51.3	2.8	1.34	bb
200801K1_5	400	1.04	NO	44.77	1.041	6.33e6	1.13e6	428	6.5	1.39	bb
200801K1_6	1000	1.03	NO	44.77	1.041	1.57e7	1.18e6	1010	1.1	1.32	bb

Compound name: PCB-186
 Response Factor: 1.32902
 RRF SD: 0.119081, Relative SD: 8.96013
 Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.08	NO	45.37	1.056	2.56e3	9.28e5	0.207	-17.1	1.10	MM
200801K1_2	1.00	0.95	NO	45.39	1.056	1.36e4	1.02e6	1.01	0.8	1.34	MM

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Compound name: PCB-186

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.07	NO	45.39	1.056	3.39e4	1.03e6	2.47	-1.3	1.31	bb
200601K1_4	50.0	1.02	NO	45.39	1.056	7.15e5	1.01e6	53.1	6.1	1.41	bb
200601K1_5	400	1.03	NO	45.39	1.056	6.42e6	1.13e6	426	6.5	1.42	bb
200601K1_6	1000	1.04	NO	45.39	1.056	1.85e7	1.18e6	1050	5.0	1.40	bb

Compound name: PCB-178

Response Factor: 0.943241

RRF SD: 0.0555819, Relative SD: 5.89285

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	45.88	1.067	1.99e3	9.28e5	0.227	-9.2	0.857	MM
200601K1_2	1.00	1.03	NO	45.90	1.068	9.96e3	1.02e6	1.04	3.9	0.980	bb
200601K1_3	2.50	1.02	NO	45.90	1.068	2.31e4	1.03e6	2.37	-5.2	0.894	bb
200601K1_4	50.0	1.03	NO	45.90	1.067	5.05e5	1.01e6	52.9	5.8	0.996	bb
200601K1_5	400	1.04	NO	45.90	1.067	4.43e6	1.13e6	414	3.4	0.975	bb
200601K1_6	1000	1.04	NO	45.90	1.067	1.13e7	1.18e6	1010	1.4	0.956	bb

Compound name: PCB-175

Response Factor: 0.956238

RRF SD: 0.0418022, Relative SD: 4.37152

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.01	NO	46.24	1.076	2.15e3	9.26e5	0.242	-3.0	0.927	bd
200601K1_2	1.00	1.01	NO	46.24	1.076	9.07e3	1.02e6	0.934	-6.6	0.893	MM
200601K1_3	2.50	1.00	NO	46.26	1.076	2.45e4	1.03e6	2.47	-1.1	0.946	bd
200601K1_4	50.0	1.04	NO	46.26	1.076	5.06e5	1.01e6	52.2	4.5	0.999	bd
200601K1_5	400	1.04	NO	46.26	1.076	4.52e6	1.13e6	417	4.1	0.996	bd
200601K1_6	1000	1.04	NO	46.26	1.076	1.18e7	1.18e6	1020	2.1	0.977	bd

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Compound name: PCB-182/187

Response Factor: 1.06615

RRF SD: 0.0507133, Relative SD: 4.75669

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.16	NO	46.43	1.080	4.78e3	9.28e5	0.483	-3.3	1.03	MM
200801K1_2	2.00	1.06	NO	46.43	1.080	2.07e4	1.02e6	1.91	-4.4	1.02	db
200801K1_3	5.00	1.00	NO	46.43	1.080	5.24e4	1.03e6	4.74	-5.1	1.01	MM
200801K1_4	100	1.04	NO	46.43	1.080	1.13e6	1.01e6	104	4.2	1.11	db
200801K1_5	800	1.05	NO	46.43	1.080	1.02e7	1.13e6	840	5.0	1.12	db
200801K1_6	2000	1.04	NO	46.43	1.080	2.62e7	1.18e6	2070	3.7	1.11	db

Compound name: PCB-183

Response Factor: 1.02281

RRF SD: 0.0863349, Relative SD: 8.44093

Response type: Internal Std (Ref 204), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.07	NO	46.76	1.066	2.03e3	9.28e5	0.214	-14.4	0.875	MM
200801K1_2	1.00	1.12	NO	46.76	1.066	9.96e3	1.02e6	0.958	-4.2	0.980	bb
200801K1_3	2.50	1.02	NO	46.76	1.066	2.62e4	1.03e6	2.47	-1.0	1.01	bb
200801K1_4	50.0	1.03	NO	46.76	1.067	5.52e5	1.01e6	53.3	6.5	1.09	bb
200801K1_5	400	1.04	NO	46.76	1.067	4.98e6	1.13e6	429	7.3	1.10	bb
200801K1_6	1000	1.04	NO	46.76	1.067	1.28e7	1.18e6	1060	5.8	1.08	bb

Compound name: PCB-185

Response Factor: 1.40567

RRF SD: 0.0901625, Relative SD: 6.41419

Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.06	NO	47.44	0.955	1.96e3	6.16e5	0.227	-9.4	1.27	bb
200801K1_2	1.00	1.04	NO	47.44	0.955	9.08e3	6.54e5	0.986	-1.4	1.39	bb

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Compound name: PCB-185

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.05	NO	47.44	0.955	2.33e4	7.01e5	2.37	-5.3	1.33	bb
200801K1_4	50.0	1.02	NO	47.44	0.955	4.98e5	6.87e5	53.2	6.4	1.50	bb
200801K1_5	400	1.04	NO	47.44	0.955	4.39e6	7.40e5	422	5.5	1.48	bb
200801K1_6	1000	1.04	NO	47.44	0.955	1.14e7	7.81e5	1040	4.1	1.48	bb

Compound name: PCB-174

Response Factor: 1.35369

RRF SD: 0.0944983, Relative SD: 6.9808

Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.10	NO	47.80	0.962	1.90e3	6.16e5	0.228	-6.7	1.24	MM
200801K1_2	1.00	1.15	NO	47.82	0.962	8.12e3	6.54e5	0.918	-6.2	1.24	bd
200801K1_3	2.50	1.06	NO	47.82	0.962	2.37e4	7.01e5	2.50	0.2	1.36	bd
200801K1_4	50.0	1.04	NO	47.82	0.962	4.78e5	6.87e5	53.0	5.9	1.43	bd
200801K1_5	400	1.03	NO	47.82	0.962	4.29e6	7.40e5	428	7.1	1.45	bd
200801K1_6	1000	1.02	NO	47.82	0.962	1.10e7	7.81e5	1040	3.8	1.40	bd

Compound name: PCB-181

Response Factor: 1.47446

RRF SD: 0.117329, Relative SD: 7.9574

Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.20	NO	47.91	0.964	2.03e3	6.16e5	0.224	-10.4	1.32	MM
200801K1_2	1.00	1.15	NO	47.91	0.964	1.02e4	6.54e5	1.06	6.2	1.57	dd
200801K1_3	2.50	1.07	NO	47.91	0.964	2.32e4	7.01e5	2.25	-10.0	1.33	dd
200801K1_4	50.0	1.03	NO	47.93	0.965	5.11e5	6.87e5	52.0	4.1	1.53	dd
200801K1_5	400	1.04	NO	47.93	0.965	4.60e6	7.40e5	422	5.5	1.56	dd
200801K1_6	1000	1.04	NO	47.93	0.965	1.21e7	7.81e5	1050	4.8	1.54	dd

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Compound name: PCB-177
 Response Factor: 1.27779
 RRF SD: 0.0954777, Relative SD: 7.4721
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	48.10	0.968	1.77e3	6.16e5	0.225	-10.2	1.15	MM
200601K1_2	1.00	1.02	NO	48.10	0.968	7.89e3	6.54e5	0.945	-5.5	1.21	dd
200601K1_3	2.50	1.13	NO	48.10	0.968	2.15e4	7.01e5	2.40	-3.9	1.23	MM
200601K1_4	50.0	1.04	NO	48.10	0.968	4.52e5	6.67e5	53.0	6.1	1.36	db
200601K1_5	400	1.04	NO	48.10	0.968	4.08e6	7.40e5	432	7.9	1.36	db
200601K1_6	1000	1.03	NO	48.10	0.968	1.05e7	7.81e5	1060	5.8	1.35	db

Compound name: PCB-171
 Response Factor: 1.31619
 RRF SD: 0.111307, Relative SD: 8.45674
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.15	NO	48.38	0.974	1.77e3	6.16e5	0.218	-12.6	1.15	MM
200601K1_2	1.00	0.99	NO	48.38	0.974	8.25e3	6.54e5	0.959	-4.1	1.26	MM
200601K1_3	2.50	0.98	NO	48.38	0.974	2.19e4	7.01e5	2.38	-4.9	1.25	MM
200601K1_4	50.0	1.03	NO	48.40	0.974	4.88e5	6.67e5	53.3	6.8	1.40	bd
200601K1_5	400	1.02	NO	48.40	0.974	4.19e6	7.40e5	431	7.8	1.42	bd
200601K1_6	1000	1.04	NO	48.40	0.974	1.10e7	7.81e5	1070	7.4	1.41	bd

Compound name: PCB-173
 Response Factor: 1.18982
 RRF SD: 0.0600259, Relative SD: 5.04452
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.84	0.983	1.75e3	6.16e5	0.238	-4.7	1.13	MM
200601K1_2	1.00	1.12	NO	48.84	0.983	7.51e3	6.54e5	0.968	-3.4	1.15	MM

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Compound name: PCB-173

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.03	NO	48.84	0.983	1.97e4	7.01e5	2.36	-5.5	1.12	MM
200601K1_4	50.0	1.06	NO	48.84	0.983	4.15e5	6.67e5	52.4	4.7	1.25	dd
200601K1_5	400	1.03	NO	48.84	0.983	3.70e6	7.40e5	420	5.0	1.25	dd
200601K1_6	1000	1.03	NO	48.84	0.983	9.66e6	7.81e5	1040	3.9	1.24	bb

Compound name: PCB-172

Response Factor: 1.37524

RRF SD: 0.11268, Relative SD: 8.20798

Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	49.29	0.992	1.87e3	6.16e5	0.221	-11.5	1.22	dd
200601K1_2	1.00	0.96	NO	49.29	0.992	8.89e3	6.54e5	0.967	-3.3	1.33	dd
200601K1_3	2.50	1.04	NO	49.29	0.992	2.25e4	7.01e5	2.34	-6.4	1.29	dd
200601K1_4	50.0	1.05	NO	49.29	0.992	4.86e5	6.67e5	53.0	5.9	1.46	dd
200601K1_5	400	1.03	NO	49.29	0.992	4.39e6	7.40e5	432	7.9	1.46	dd
200601K1_6	1000	1.04	NO	49.29	0.992	1.15e7	7.81e5	1070	7.4	1.46	dd

Compound name: PCB-192

Response Factor: 1.82672

RRF SD: 0.139002, Relative SD: 7.60937

Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.89	NO	49.48	0.996	3.10e3	8.16e5	0.278	10.3	2.02	MM
200601K1_2	1.00	1.10	NO	49.48	0.996	1.06e4	6.54e5	0.885	-11.5	1.62	dd
200601K1_3	2.50	1.05	NO	49.50	0.996	3.02e4	7.01e5	2.36	-5.7	1.72	dd
200601K1_4	50.0	1.03	NO	49.50	0.996	6.16e5	6.67e5	50.8	1.2	1.65	dd
200601K1_5	400	1.03	NO	49.50	0.996	5.80e6	7.40e5	414	3.6	1.89	dd
200601K1_6	1000	1.03	NO	49.50	0.996	1.46e7	7.81e5	1020	2.1	1.87	dd

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Compound name: PCB-180
 Response Factor: 1.41175
 RRF SD: 0.126648, Relative SD: 8.97102
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.08	NO	49.71	1.000	1.80e3	6.16e5	0.207	-17.2	1.17	dd
200601K1_2	1.00	1.20	NO	49.71	1.000	9.48e3	6.54e5	1.03	2.7	1.45	dd
200601K1_3	2.50	1.02	NO	49.71	1.000	2.42e4	7.01e5	2.45	-2.0	1.38	dd
200601K1_4	50.0	1.03	NO	49.71	1.000	4.91e5	6.67e5	52.2	4.4	1.47	dd
200601K1_5	400	1.04	NO	49.71	1.000	4.47e6	7.40e5	428	7.0	1.51	dd
200601K1_6	1000	1.03	NO	49.71	1.000	1.16e7	7.81e5	1050	5.0	1.48	dd

Compound name: PCB-183
 Response Factor: 1.67682
 RRF SD: 0.0708905, Relative SD: 4.22768
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	49.92	1.005	2.64e3	6.16e5	0.256	2.4	1.72	MM
200601K1_2	1.00	1.01	NO	49.92	1.005	1.06e4	6.54e5	0.963	-3.7	1.81	db
200601K1_3	2.50	0.99	NO	49.92	1.005	2.74e4	7.01e5	2.33	-6.8	1.56	MM
200601K1_4	50.0	1.03	NO	49.92	1.005	5.70e5	6.67e5	51.0	2.0	1.71	db
200601K1_5	400	1.04	NO	49.92	1.005	5.14e6	7.40e5	415	3.7	1.74	dd
200601K1_6	1000	1.03	NO	49.92	1.005	1.34e7	7.81e5	1030	2.5	1.72	db

Compound name: PCB-181
 Response Factor: 1.71019
 RRF SD: 0.0665243, Relative SD: 3.88988
 Response type: Internal Std (Ref 205), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	50.19	1.010	2.61e3	6.16e5	0.248	-1.0	1.69	MM
200601K1_2	1.00	1.08	NO	50.19	1.010	1.06e4	6.54e5	0.963	-3.7	1.85	MM

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Compound name: PCB-191

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.92	NO	50.19	1.010	2.85e4	7.01e5	2.38	-5.0	1.62	MM
200601K1_4	50.0	1.00	NO	50.19	1.010	5.78e5	6.67e5	50.8	1.5	1.74	bb
200601K1_5	400	1.04	NO	50.19	1.010	5.29e6	7.40e5	418	4.6	1.79	dd
200601K1_6	1000	1.05	NO	50.19	1.010	1.36e7	7.81e5	1040	3.6	1.77	bd

Compound name: PCB-170

Response Factor: 1.40071

RRF SD: 0.105718, Relative SD: 7.54749

Response type: Internal Std (Ref 206), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.10	NO	51.36	1.000	1.64e3	5.21e5	0.224	-10.3	1.26	MM
200601K1_2	1.00	0.97	NO	51.36	1.000	7.54e3	5.75e5	0.935	-6.5	1.31	MM
200601K1_3	2.50	1.08	NO	51.36	1.000	2.11e4	6.11e5	2.46	-1.4	1.38	MM
200601K1_4	50.0	1.04	NO	51.36	1.000	4.14e5	5.78e5	51.0	2.1	1.43	bd
200601K1_5	400	1.03	NO	51.36	1.000	3.73e6	6.11e5	438	9.0	1.53	bd
200601K1_6	1000	1.02	NO	51.36	1.000	9.85e6	6.57e5	1070	7.1	1.50	bd

Compound name: PCB-190

Response Factor: 1.85102

RRF SD: 0.142118, Relative SD: 7.67782

Response type: Internal Std (Ref 206), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	51.59	1.004	2.26e3	5.21e5	0.234	-6.3	1.73	MM
200601K1_2	1.00	1.09	NO	51.59	1.004	9.81e3	5.75e5	0.921	-7.9	1.71	MM
200601K1_3	2.50	1.11	NO	51.59	1.004	2.68e4	6.11e5	2.37	-5.3	1.75	MM
200601K1_4	50.0	1.00	NO	51.59	1.004	5.43e5	5.78e5	50.7	1.4	1.88	db
200601K1_5	400	1.04	NO	51.59	1.004	4.96e6	6.11e5	439	9.7	2.03	db
200601K1_6	1000	1.05	NO	51.59	1.004	1.32e7	6.57e5	1060	8.4	2.01	db

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Compound name: PCB-189
 Response Factor: 1.4524
 RRF SD: 0.0988417, Relative SD: 6.80541
 Response type: Internal Std (Ref 207), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	53.08	1.000	2.37e3	6.87e5	0.238	-5.0	1.38	MM
200601K1_2	1.00	1.00	NO	53.10	1.000	1.00e4	7.42e5	0.932	-6.8	1.35	MM
200601K1_3	2.50	1.09	NO	53.10	1.000	2.75e4	8.11e5	2.34	-6.5	1.36	MM
200601K1_4	50.0	1.03	NO	53.10	1.000	5.78e5	7.81e5	52.1	4.2	1.51	bb
200601K1_5	400	1.02	NO	53.10	1.000	5.04e6	8.07e5	430	7.5	1.56	bb
200601K1_6	1000	1.02	NO	53.10	1.000	1.34e7	8.85e5	1070	8.8	1.55	bb

Compound name: PCB-202
 Response Factor: 1.16825
 RRF SD: 0.08292, Relative SD: 7.09778
 Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.59	1.000	1.92e3	6.72e5	0.245	-2.2	1.14	MM
200601K1_2	1.00	1.02	NO	48.61	1.000	7.83e3	7.55e5	0.888	-11.2	1.04	MM
200601K1_3	2.50	0.94	NO	48.61	1.000	2.18e4	7.88e5	2.43	-2.8	1.14	bb
200601K1_4	50.0	0.89	NO	48.61	1.000	4.58e5	7.74e5	50.8	1.3	1.18	bb
200601K1_5	400	0.91	NO	48.61	1.000	4.13e6	8.21e5	431	7.7	1.26	bb
200601K1_6	1000	0.91	NO	48.61	1.000	1.08e7	8.48e5	1070	7.2	1.25	bb

Compound name: PCB-201
 Response Factor: 1.05277
 RRF SD: 0.0608949, Relative SD: 5.78427
 Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.79	NO	49.10	1.011	1.71e3	6.72e5	0.241	-3.6	1.01	bd
200601K1_2	1.00	0.90	NO	49.10	1.010	7.27e3	7.55e5	0.915	-8.5	0.983	bd

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Compound name: PCB-201

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_3	2.50	0.94	NO	49.10	1.010	1.98e4	7.88e5	2.47	-1.2	1.04		bd
200601K1_4	50.0	0.91	NO	49.10	1.010	4.10e5	7.74e5	50.3	0.7	1.06		bd
200601K1_5	400	0.92	NO	49.10	1.010	3.88e6	8.21e5	424	6.0	1.12		bd
200601K1_6	1000	0.91	NO	49.10	1.010	9.50e6	8.48e5	1070	6.6	1.12		bd

Compound name: PCB-204

Response Factor: 1.1409

RRF SD: 0.0887975, Relative SD: 7.78308

Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_1	0.250	0.77	NO	49.24	1.014	1.83e3	6.72e5	0.238	-4.6	1.09		MM
200601K1_2	1.00	0.89	NO	49.28	1.014	8.01e3	7.55e5	0.930	-7.0	1.06		db
200601K1_3	2.50	0.82	NO	49.26	1.014	2.04e4	7.88e5	2.34	-6.5	1.07		db
200601K1_4	50.0	0.90	NO	49.26	1.014	4.36e5	7.74e5	49.4	-1.2	1.13		db
200601K1_5	400	0.91	NO	49.28	1.014	4.07e6	8.21e5	435	8.7	1.24		db
200601K1_6	1000	0.91	NO	49.26	1.014	1.07e7	8.48e5	1110	10.6	1.26		db

Compound name: PCB-197

Response Factor: 1.13263

RRF SD: 0.0852075, Relative SD: 7.52295

Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_1	0.250	0.99	NO	49.58	1.021	1.89e3	6.72e5	0.248	-0.9	1.12		MM
200601K1_2	1.00	1.01	NO	49.58	1.020	7.47e3	7.55e5	0.874	-12.6	0.989		bb
200601K1_3	2.50	0.99	NO	49.58	1.020	2.16e4	7.88e5	2.49	-0.4	1.13		MM
200601K1_4	50.0	0.90	NO	49.58	1.020	4.31e5	7.74e5	49.2	-1.6	1.11		bb
200601K1_5	400	0.91	NO	49.58	1.020	4.00e6	8.21e5	431	7.7	1.22		bb
200601K1_6	1000	0.89	NO	49.58	1.020	1.03e7	8.48e5	1080	7.8	1.22		bb

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Compound name: PCB-200
 Response Factor: 1.07032
 RRF SD: 0.0809843, Relative SD: 7.56448
 Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.00	NO	50.51	1.040	1.84e3	6.72e5	0.256	2.3	1.09	bb
2	200601K1_2	1.00	0.95	NO	50.51	1.039	7.00e3	7.55e5	0.866	-13.4	0.927	bb
3	200601K1_3	2.50	0.87	NO	50.51	1.039	2.02e4	7.66e5	2.46	-1.7	1.05	bb
4	200601K1_4	50.0	0.90	NO	50.53	1.040	4.10e5	7.74e5	49.5	-1.1	1.06	bb
5	200601K1_5	400	0.90	NO	50.53	1.040	3.78e6	8.21e5	430	7.5	1.15	bb
6	200601K1_6	1000	0.89	NO	50.53	1.040	9.83e6	8.48e5	1060	6.4	1.14	bb

Compound name: PCB-198
 Response Factor: 0.793834
 RRF SD: 0.0466547, Relative SD: 5.87713
 Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.81	NO	52.08	1.072	1.22e3	6.72e5	0.229	-8.4	0.727	MM
2	200601K1_2	1.00	0.84	NO	52.08	1.072	5.92e3	7.55e5	0.988	-1.2	0.784	bd
3	200601K1_3	2.50	0.85	NO	52.08	1.072	1.51e4	7.66e5	2.48	-0.9	0.787	bd
4	200601K1_4	50.0	0.91	NO	52.08	1.072	2.98e5	7.74e5	48.8	-2.9	0.771	bd
5	200601K1_5	400	0.89	NO	52.08	1.072	2.76e6	8.21e5	424	6.0	0.841	bd
6	200601K1_6	1000	0.89	NO	52.08	1.072	7.22e6	8.48e5	1070	7.5	0.853	bd

Compound name: PCB-199
 Response Factor: 0.809242
 RRF SD: 0.0640263, Relative SD: 7.91189
 Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.83	NO	52.21	1.075	1.18e3	6.72e5	0.216	-13.6	0.699	MM
2	200601K1_2	1.00	0.93	NO	52.19	1.074	6.27e3	7.55e5	1.03	2.7	0.831	db

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Compound name: PCB-199

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.00	NO	52.21	1.074	1.51e4	7.86e5	2.43	-2.8	0.786	MM
200801K1_4	50.0	0.92	NO	52.21	1.074	3.10e5	7.74e5	49.5	-1.0	0.801	db
200801K1_5	400	0.89	NO	52.21	1.074	2.81e6	8.21e5	424	5.9	0.857	db
200801K1_6	1000	0.90	NO	52.21	1.074	7.45e6	8.46e5	1090	8.8	0.881	db

Compound name: PCB-198/203

Response Factor: 0.838202

RRF SD: 0.0715006, Relative SD: 8.53023

Response type: Internal Std (Ref 208), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.00	NO	52.50	1.081	2.91e3	6.72e5	0.518	3.1	0.884	bb
200801K1_2	2.00	0.93	NO	52.50	1.080	1.09e4	7.55e5	1.73	-13.8	0.724	bd
200801K1_3	5.00	0.94	NO	52.50	1.080	3.07e4	7.86e5	4.79	-4.3	0.802	MM
200801K1_4	100	0.90	NO	52.51	1.081	6.36e5	7.74e5	98.1	-1.9	0.822	bb
200801K1_5	800	0.91	NO	52.51	1.081	5.85e6	8.21e5	850	6.2	0.891	bb
200801K1_6	2000	0.91	NO	52.51	1.081	1.57e7	8.46e5	2210	10.4	0.926	bb

Compound name: PCB-195

Response Factor: 1.04444

RRF SD: 0.0883119, Relative SD: 8.45545

Response type: Internal Std (Ref 209), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	0.81	NO	53.79	0.983	1.54e3	6.54e5	0.225	-9.8	0.942	MM
200801K1_2	1.00	0.81	NO	53.79	0.983	6.86e3	6.72e5	0.948	-5.2	0.990	bb
200801K1_3	2.50	0.88	NO	53.79	0.983	1.83e4	7.55e5	2.32	-7.2	0.970	bb
200801K1_4	50.0	0.88	NO	53.81	0.984	3.74e5	6.85e5	52.4	4.7	1.09	bd
200801K1_5	400	0.89	NO	53.79	0.983	3.33e6	7.19e5	443	10.8	1.16	bd
200801K1_6	1000	0.90	NO	53.81	0.984	8.99e6	8.07e5	1070	6.6	1.11	bd

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Compound name: PCB-194
 Response Factor: 1.11592
 RRF SD: 0.0652125, Relative SD: 5.84384
 Response type: Internal Std (Ref 209), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.76	NO	54.72	1.000	1.92e3	6.54e5	0.262	4.9	1.17	MM
200801K1_2	1.00	0.91	NO	54.72	1.000	7.03e3	6.72e5	0.937	-6.3	1.05	bb
200801K1_3	2.50	0.91	NO	54.72	1.000	1.84e4	7.55e5	2.30	-6.1	1.03	bb
200801K1_4	50.0	0.88	NO	54.72	1.000	3.84e5	6.85e5	50.2	0.5	1.12	bb
200801K1_5	400	0.88	NO	54.72	1.000	3.39e6	7.19e5	422	5.5	1.18	bb
200801K1_6	1000	0.89	NO	54.72	1.000	9.32e6	8.07e5	1040	3.5	1.16	bb

Compound name: PCB-205
 Response Factor: 1.28935
 RRF SD: 0.0752087, Relative SD: 5.83305
 Response type: Internal Std (Ref 209), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.01	NO	54.99	1.005	1.97e3	6.54e5	0.233	-6.7	1.20	MM
200801K1_2	1.00	0.88	NO	54.99	1.005	8.47e3	8.72e5	0.977	-2.3	1.26	bb
200801K1_3	2.50	0.92	NO	54.99	1.005	2.29e4	7.55e5	2.35	-5.8	1.21	bb
200801K1_4	50.0	0.89	NO	54.99	1.005	4.55e5	6.85e5	51.5	3.1	1.33	bb
200801K1_5	400	0.87	NO	54.99	1.005	4.00e6	7.19e5	431	7.9	1.39	bb
200801K1_6	1000	0.88	NO	54.99	1.005	1.08e7	8.07e5	1040	3.9	1.34	bb

Compound name: PCB-208
 Response Factor: 0.933088
 RRF SD: 0.0782208, Relative SD: 8.383
 Response type: Internal Std (Ref 210), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.28	NO	53.95	1.000	1.83e3	8.27e5	0.237	-5.3	0.884	bb
200801K1_2	1.00	1.34	NO	53.95	1.000	7.27e3	8.89e5	0.876	-12.4	0.818	bb

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Compound name: PCB-208

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	53.95	1.000	2.17e4	9.56e5	2.43	-2.9	0.908	bb
200601K1_4	50.0	1.35	NO	53.95	1.000	4.38e5	9.09e5	51.6	3.3	0.964	bb
200601K1_5	400	1.35	NO	53.95	1.000	3.85e6	9.40e5	439	9.7	1.02	bb
200601K1_6	1000	1.34	NO	53.95	1.000	1.02e7	1.01e6	1080	7.8	1.00	bb

Compound name: PCB-207

Response Factor: 0.916302

RRF SD: 0.0559032, Relative SD: 6.10095

Response type: Internal Std (Ref 210), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	54.29	1.007	1.83e3	6.27e5	0.242	-3.3	0.886	bb
200601K1_2	1.00	1.36	NO	54.29	1.007	7.48e3	8.89e5	0.915	-8.5	0.839	bb
200601K1_3	2.50	1.29	NO	54.29	1.007	2.13e4	9.56e5	2.44	-2.5	0.893	bb
200601K1_4	50.0	1.35	NO	54.29	1.007	4.18e5	9.09e5	50.2	0.4	0.920	bb
200601K1_5	400	1.32	NO	54.29	1.007	3.69e6	9.40e5	428	7.0	0.981	bb
200601K1_6	1000	1.32	NO	54.29	1.007	9.93e6	1.01e6	1070	6.9	0.979	bb

Compound name: PCB-206

Response Factor: 1.00741

RRF SD: 0.0633496, Relative SD: 6.28838

Response type: Internal Std (Ref 211), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.24	NO	56.24	1.000	1.17e3	4.83e5	0.240	-4.2	0.965	bb
200601K1_2	1.00	1.28	NO	56.25	1.000	4.56e3	4.90e5	0.928	-7.2	0.935	bd
200601K1_3	2.50	1.39	NO	56.25	1.000	1.33e4	5.49e5	2.40	-4.0	0.987	bb
200601K1_4	50.0	1.35	NO	56.25	1.000	2.55e5	5.03e5	50.4	0.7	1.01	dd
200601K1_5	400	1.33	NO	56.25	1.000	2.21e6	5.04e5	435	8.8	1.10	dd
200601K1_6	1000	1.34	NO	56.25	1.000	5.91e6	5.54e5	1080	5.9	1.07	bd

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Compound name: PCB-209
 Response Factor: 0.986438
 RRF SD: 0.0459049, Relative SD: 4.6536
 Response type: Internal Std (Ref 212), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.31	NO	57.48	1.000	8.49e2	3.85e5	0.236	-5.8	0.930	bb
200601K1_2	1.00	1.14	NO	57.49	1.000	3.51e3	3.67e5	0.970	-3.0	0.957	bb
200601K1_3	2.50	1.20	NO	57.49	1.000	9.28e3	3.88e5	2.42	-3.1	0.956	bb
200601K1_4	50.0	1.19	NO	57.49	1.000	1.78e5	3.55e5	50.8	1.8	1.00	bb
200601K1_5	400	1.18	NO	57.49	1.000	1.45e6	3.47e5	424	6.0	1.05	bb
200601K1_6	1000	1.18	NO	57.49	1.000	3.98e6	3.87e5	1040	4.2	1.03	bb

Compound name: 13C-PCB-1
 Response Factor: 0.893492
 RRF SD: 0.0183374, Relative SD: 2.05233
 Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.27	NO	15.51	0.608	2.37e6	2.62e6	101	1.1	0.903	bb
200601K1_2	100	3.24	NO	15.52	0.608	2.53e6	2.80e6	101	1.1	0.903	bb
200601K1_3	100	3.25	NO	15.53	0.609	2.46e6	2.85e6	98.8	-3.4	0.863	bb
200601K1_4	100	3.38	NO	15.53	0.609	2.44e6	2.67e6	102	2.2	0.914	bb
200601K1_5	100	3.20	NO	15.53	0.609	2.52e6	2.81e6	100	0.3	0.896	bb
200601K1_6	100	3.24	NO	15.53	0.609	2.44e6	2.77e6	98.7	-1.3	0.882	bb

Compound name: 13C-PCB-3
 Response Factor: 0.910947
 RRF SD: 0.0156258, Relative SD: 1.71533
 Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.25	NO	18.16	0.711	2.41e6	2.62e6	101	1.0	0.920	bb
200601K1_2	100	3.30	NO	18.16	0.711	2.58e6	2.80e6	101	1.3	0.923	bb

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Compound name: 13C-PCB-3

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	3.32	NO	18.17	0.712	2.54e6	2.85e6	97.7	-2.3	0.890	bb
200801K1_4	100	3.19	NO	18.17	0.712	2.46e6	2.87e6	101	1.1	0.921	bb
200801K1_5	100	3.37	NO	18.17	0.712	2.58e6	2.81e6	101	1.1	0.921	bb
200801K1_6	100	3.32	NO	18.17	0.712	2.47e6	2.77e6	97.9	-2.1	0.892	bb

Compound name: 13C-PCB-4

Response Factor: 0.599965

RRF SD: 0.0112844, Relative SD: 1.87751

Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.59	NO	19.51	0.765	1.57e6	2.62e6	99.7	-0.3	0.598	bb
200801K1_2	100	1.81	NO	19.52	0.765	1.72e6	2.80e6	102	2.1	0.613	bb
200801K1_3	100	1.80	NO	19.52	0.765	1.87e6	2.85e6	97.5	-2.5	0.585	bb
200801K1_4	100	1.80	NO	19.53	0.765	1.82e6	2.87e6	101	0.8	0.605	bb
200801K1_5	100	1.58	NO	19.52	0.765	1.72e6	2.81e6	102	1.7	0.610	bb
200801K1_6	100	1.58	NO	19.53	0.765	1.83e6	2.77e6	98.2	-1.8	0.589	bb

Compound name: 13C-PCB-9

Response Factor: 0.989602

RRF SD: 0.0158818, Relative SD: 1.63589

Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.57	NO	21.33	0.836	2.57e6	2.62e6	101	1.2	0.981	bb
200801K1_2	100	1.57	NO	21.34	0.836	2.77e6	2.80e6	102	2.0	0.989	bb
200801K1_3	100	1.58	NO	21.35	0.836	2.71e6	2.85e6	98.0	-2.0	0.950	bb
200801K1_4	100	1.57	NO	21.35	0.836	2.81e6	2.87e6	101	0.6	0.975	bb
200801K1_5	100	1.58	NO	21.35	0.836	2.73e6	2.81e6	100	0.2	0.972	bb
200801K1_6	100	1.55	NO	21.35	0.836	2.83e6	2.77e6	98.1	-1.9	0.951	bb

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Compound name: 13C-PCB-11
 Response Factor: 0.961529
 RRF SD: 0.00722668, Relative SD: 0.751582
 Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.57	NO	24.76	0.971	2.53e6	2.62e6	100	0.5	0.966	bb
200601K1_2	100	1.57	NO	24.79	0.972	2.70e6	2.80e6	100	0.3	0.964	bb
200601K1_3	100	1.57	NO	24.80	0.972	2.71e6	2.85e6	98.9	-1.1	0.951	bb
200601K1_4	100	1.56	NO	24.80	0.972	2.56e6	2.87e6	99.5	-0.5	0.957	bb
200601K1_5	100	1.57	NO	24.80	0.972	2.70e6	2.81e6	99.8	-0.2	0.960	bb
200601K1_6	100	1.57	NO	24.80	0.972	2.69e6	2.77e6	101	1.0	0.971	bb

Compound name: 13C-PCB-19
 Response Factor: 0.498883
 RRF SD: 0.00572334, Relative SD: 1.14723
 Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.02	NO	23.75	0.931	1.32e6	2.62e6	101	0.8	0.503	bb
200601K1_2	100	1.03	NO	23.75	0.931	1.42e6	2.80e6	101	1.3	0.505	bb
200601K1_3	100	1.04	NO	23.76	0.931	1.39e6	2.85e6	98.1	-1.9	0.489	bb
200601K1_4	100	1.02	NO	23.76	0.931	1.33e6	2.67e6	99.5	-0.5	0.496	bb
200601K1_5	100	1.00	NO	23.76	0.931	1.40e6	2.81e6	99.8	-0.2	0.496	bb
200601K1_6	100	1.01	NO	23.76	0.931	1.39e6	2.77e6	101	0.5	0.501	bb

Compound name: 13C-PCB-32
 Response Factor: 0.74412
 RRF SD: 0.0231643, Relative SD: 3.11298
 Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.04	NO	26.74	1.048	1.93e6	2.62e6	99.1	-0.9	0.737	bb
200601K1_2	100	1.05	NO	26.75	1.048	2.07e6	2.80e6	99.5	-0.5	0.741	bb

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Compound name: 13C-PCB-32

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.02	NO	28.75	1.048	2.03e6	2.85e6	95.5	-4.5	0.710	bb
200601K1_4	100	1.03	NO	28.75	1.048	1.97e6	2.87e6	99.2	-0.8	0.739	bb
200601K1_5	100	1.04	NO	28.75	1.048	2.13e6	2.81e6	102	2.0	0.759	bb
200601K1_6	100	1.05	NO	28.75	1.048	2.18e6	2.77e6	105	4.7	0.779	bb

Compound name: 13C-PCB-28

Response Factor: 1.06428

RRF SD: 0.0550204, Relative SD: 5.16973

Response type: Internal Std (Ref 214), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	28.75	1.003	2.38e6	2.08e6	107	7.4	1.14	db
200601K1_2	100	1.04	NO	28.77	1.004	2.38e6	2.43e6	92.3	-7.7	0.983	db
200601K1_3	100	1.04	NO	28.77	1.004	2.33e6	2.26e6	97.0	-3.0	1.03	db
200601K1_4	100	1.04	NO	28.77	1.004	2.26e6	2.13e6	98.7	-0.3	1.06	db
200601K1_5	100	1.04	NO	28.77	1.004	2.40e6	2.24e6	100	0.4	1.07	db
200601K1_6	100	1.04	NO	28.77	1.004	2.39e6	2.18e6	103	3.2	1.10	db

Compound name: 13C-PCB-37

Response Factor: 0.989118

RRF SD: 0.0390859, Relative SD: 3.95159

Response type: Internal Std (Ref 214), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	32.75	1.143	2.11e6	2.08e6	102	2.5	1.01	bb
200601K1_2	100	1.02	NO	32.75	1.143	2.28e6	2.43e6	94.0	-8.0	0.930	bb
200601K1_3	100	1.05	NO	32.75	1.143	2.28e6	2.28e6	101	1.4	1.00	bb
200601K1_4	100	1.03	NO	32.75	1.143	2.09e6	2.13e6	99.2	-0.8	0.981	bb
200601K1_5	100	1.06	NO	32.75	1.143	2.17e6	2.24e6	97.8	-2.4	0.968	bb
200601K1_6	100	1.05	NO	32.77	1.143	2.27e6	2.18e6	105	5.3	1.04	bb

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Compound name: 13C-PCB-54
 Response Factor: 0.99939
 RRF SD: 0.0146278, Relative SD: 1.46368
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.77	NO	27.60	0.752	1.88e6	1.87e6	101	0.8	1.01	bb
200801K1_2	100	0.78	NO	27.62	0.753	1.85e6	1.82e6	102	1.7	1.02	bb
200801K1_3	100	0.79	NO	27.62	0.753	1.80e6	1.81e6	99.5	-0.5	0.995	bb
200801K1_4	100	0.79	NO	27.62	0.753	1.75e6	1.74e6	101	0.8	1.01	bb
200801K1_5	100	0.77	NO	27.62	0.752	1.88e6	1.89e6	99.7	-0.3	0.998	bb
200801K1_6	100	0.79	NO	27.62	0.752	1.88e6	1.92e6	97.5	-2.5	0.974	bb

Compound name: 13C-PCB-52
 Response Factor: 0.804222
 RRF SD: 0.0127119, Relative SD: 1.58085
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.78	NO	31.25	0.852	1.37e6	1.87e6	102	1.8	0.817	bd
200801K1_2	100	0.79	NO	31.26	0.852	1.50e6	1.82e6	102	2.3	0.823	bb
200801K1_3	100	0.81	NO	31.26	0.852	1.44e6	1.81e6	99.0	-1.0	0.796	bb
200801K1_4	100	0.79	NO	31.26	0.852	1.38e6	1.74e6	98.5	-1.5	0.792	bd
200801K1_5	100	0.77	NO	31.26	0.852	1.51e6	1.89e6	99.4	-0.6	0.799	bd
200801K1_6	100	0.77	NO	31.26	0.852	1.54e6	1.92e6	99.2	-0.8	0.796	bd

Compound name: 13C-PCB-47
 Response Factor: 0.857338
 RRF SD: 0.011554, Relative SD: 1.34766
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	31.77	0.866	1.44e6	1.87e6	100	0.3	0.860	bb
200801K1_2	100	0.78	NO	31.77	0.866	1.59e6	1.82e6	102	2.1	0.875	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

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Compound name: 13C-PCB-47

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	31.78	0.867	1.53e6	1.81e6	96.3	-1.7	0.843	bb
200601K1_4	100	0.78	NO	31.78	0.867	1.49e6	1.74e6	100	-0.0	0.857	bb
200601K1_5	100	0.78	NO	31.78	0.866	1.60e6	1.89e6	98.7	-1.3	0.846	bb
200601K1_6	100	0.78	NO	31.78	0.866	1.66e6	1.92e6	101	0.5	0.862	bb

Compound name: 13C-PCB-70

Response Factor: 0.995775

RRF SD: 0.0166908, Relative SD: 1.67616

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	35.40	0.965	1.70e6	1.67e6	102	2.3	1.02	bb
200601K1_2	100	0.79	NO	35.41	0.965	1.84e6	1.82e6	101	1.4	1.01	bb
200601K1_3	100	0.79	NO	35.41	0.965	1.79e6	1.81e6	99.4	-0.6	0.989	bb
200601K1_4	100	0.80	NO	35.41	0.965	1.73e6	1.74e6	100	0.1	0.997	bb
200601K1_5	100	0.79	NO	35.41	0.965	1.84e6	1.89e6	97.6	-2.4	0.972	bb
200601K1_6	100	0.79	NO	35.41	0.965	1.90e6	1.92e6	99.2	-0.8	0.988	bb

Compound name: 13C-PCB-80

Response Factor: 1.02819

RRF SD: 0.0132281, Relative SD: 1.28654

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.80	NO	35.84	0.977	1.75e6	1.67e6	102	1.8	1.05	bb
200601K1_2	100	0.79	NO	35.84	0.977	1.87e6	1.82e6	100	-0.0	1.03	bb
200601K1_3	100	0.79	NO	35.84	0.977	1.86e6	1.81e6	99.7	-0.3	1.03	bb
200601K1_4	100	0.79	NO	35.84	0.977	1.79e6	1.74e6	100	0.2	1.03	bb
200601K1_5	100	0.80	NO	35.84	0.977	1.90e6	1.89e6	97.8	-2.2	1.01	db
200601K1_6	100	0.77	NO	35.84	0.977	1.99e6	1.92e6	100	0.5	1.03	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

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Compound name: 13C-PCB-81

Response Factor: 0.987991

RRF SD: 0.0137248, Relative SD: 1.38916

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.04	1.084	1.85e6	1.87e6	99.8	-0.2	0.986	bd
2	200801K1_2	100	0.79	NO	39.04	1.084	1.76e6	1.82e6	98.0	-2.0	0.988	bd
3	200801K1_3	100	0.79	NO	39.04	1.084	1.80e6	1.81e6	100	0.5	0.993	bd
4	200801K1_4	100	0.80	NO	39.04	1.084	1.70e6	1.74e6	99.2	-0.8	0.980	bb
5	200801K1_5	100	0.78	NO	39.04	1.084	1.86e6	1.89e6	101	0.6	0.994	bd
6	200801K1_6	100	0.78	NO	39.04	1.084	1.94e6	1.92e6	102	2.0	1.01	bd

Compound name: 13C-PCB-77

Response Factor: 0.988731

RRF SD: 0.0228063, Relative SD: 2.35425

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.66	1.081	1.59e6	1.67e6	98.5	-1.5	0.954	bb
2	200801K1_2	100	0.78	NO	39.66	1.081	1.71e6	1.82e6	97.0	-3.0	0.940	bb
3	200801K1_3	100	0.79	NO	39.66	1.081	1.75e6	1.81e6	99.7	-0.3	0.966	bb
4	200801K1_4	100	0.80	NO	39.66	1.081	1.69e6	1.74e6	101	0.6	0.975	bb
5	200801K1_5	100	0.81	NO	39.66	1.081	1.84e6	1.89e6	100	0.2	0.970	bb
6	200801K1_6	100	0.80	NO	39.66	1.081	1.94e6	1.92e6	104	4.0	1.01	bb

Compound name: 13C-PCB-104

Response Factor: 1.01645

RRF SD: 0.0338582, Relative SD: 3.33102

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	1.58	NO	32.44	0.828	1.12e6	1.08e6	102	1.8	1.03	bb
2	200801K1_2	100	1.85	NO	32.46	0.827	1.26e6	1.18e6	105	4.9	1.07	bb

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Compound name: 13C-PCB-104

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.62	NO	32.46	0.827	1.20e6	1.17e6	100	0.4	1.02	bb
200601K1_4	100	1.59	NO	32.46	0.827	1.17e6	1.15e6	100	0.3	1.02	bb
200601K1_5	100	1.62	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb
200601K1_6	100	1.63	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb

Compound name: 13C-PCB-95

Response Factor: 0.805195

RRF SD: 0.0178744, Relative SD: 2.19504

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	35.71	0.910	8.86e5	1.08e6	102	1.5	0.817	bb
200601K1_2	100	1.82	NO	35.71	0.910	9.83e5	1.18e6	101	1.5	0.817	bb
200601K1_3	100	1.81	NO	35.71	0.910	9.53e5	1.17e6	101	1.1	0.814	bb
200601K1_4	100	1.84	NO	35.73	0.910	9.36e5	1.15e6	101	0.8	0.812	bb
200601K1_5	100	1.81	NO	35.73	0.910	1.01e6	1.31e6	95.8	-4.2	0.772	bb
200601K1_6	100	1.80	NO	35.73	0.910	1.05e6	1.31e6	99.3	-0.7	0.799	bb

Compound name: 13C-PCB-101

Response Factor: 0.792577

RRF SD: 0.0148513, Relative SD: 1.84857

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	37.46	0.955	8.56e5	1.08e6	99.8	-0.4	0.789	bb
200601K1_2	100	1.87	NO	37.46	0.955	9.56e5	1.18e6	102	2.5	0.812	bb
200601K1_3	100	1.81	NO	37.46	0.955	9.39e5	1.17e6	101	1.2	0.802	bb
200601K1_4	100	1.80	NO	37.46	0.955	9.13e5	1.15e6	100	-0.0	0.793	bb
200601K1_5	100	1.80	NO	37.46	0.955	1.01e6	1.31e6	97.0	-3.0	0.769	bb
200601K1_6	100	1.87	NO	37.46	0.955	1.04e6	1.31e6	99.7	-0.3	0.790	bb

Dataset: U:\WG11.PRO\Results\200601K1\200601K1-CRVB.qld

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Compound name: 13C-PCB-97

Response Factor: 0.696385

RRF SD: 0.00628075, Relative SD: 0.901907

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.63	NO	38.80	0.989	7.55e5	1.08e6	100	0.0	0.697	bb
200601K1_2	100	1.64	NO	38.80	0.989	8.31e5	1.18e6	101	1.2	0.705	bb
200601K1_3	100	1.63	NO	38.80	0.989	8.21e5	1.17e6	101	0.7	0.701	bb
200601K1_4	100	1.64	NO	38.80	0.989	7.95e5	1.15e6	99.0	-1.0	0.690	bb
200601K1_5	100	1.61	NO	38.80	0.989	9.02e5	1.31e6	99.0	-1.0	0.689	bb
200601K1_6	100	1.61	NO	38.80	0.989	9.13e5	1.31e6	100	0.0	0.698	bb

Compound name: 13C-PCB-123

Response Factor: 0.932868

RRF SD: 0.0173754, Relative SD: 1.86258

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.82	NO	41.44	1.056	1.02e6	1.08e6	101	0.6	0.939	bd
200601K1_2	100	1.81	NO	41.44	1.056	1.11e6	1.18e6	101	0.5	0.938	bd
200601K1_3	100	1.84	NO	41.44	1.056	1.12e6	1.17e6	102	2.1	0.953	bd
200601K1_4	100	1.82	NO	41.48	1.056	1.07e6	1.15e6	99.3	-0.7	0.928	bd
200601K1_5	100	1.82	NO	41.48	1.056	1.18e6	1.31e6	96.7	-3.3	0.902	bd
200601K1_6	100	1.81	NO	41.48	1.056	1.23e6	1.31e6	101	0.7	0.939	bd

Compound name: 13C-PCB-118

Response Factor: 0.985592

RRF SD: 0.0134189, Relative SD: 1.3815

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.64	NO	41.63	1.061	1.07e6	1.08e6	100	0.4	0.990	db
200601K1_2	100	1.62	NO	41.63	1.061	1.17e6	1.18e6	100	0.3	0.988	db

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Compound name: 13C-PCB-118

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_3	100	1.88	NO	41.85	1.081	1.16e6	1.17e6	100	0.3	0.989	db
200801K1_4	100	1.84	NO	41.85	1.081	1.12e6	1.15e6	98.8	-1.2	0.974	db
200801K1_5	100	1.83	NO	41.85	1.081	1.27e6	1.31e6	98.2	-1.8	0.987	db
200801K1_6	100	1.58	NO	41.85	1.081	1.32e6	1.31e6	102	2.0	1.01	db

Compound name: 13C-PCB-114

Response Factor: 1.54868

RRF SD: 0.0375936, Relative SD: 2.4308

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	42.30	0.908	1.38e6	8.47e5	104	4.0	1.81	bb
200801K1_2	100	1.55	NO	42.30	0.908	1.45e6	9.25e5	102	1.8	1.57	bb
200801K1_3	100	1.56	NO	42.32	0.908	1.47e6	9.70e5	97.9	-2.1	1.51	bb
200801K1_4	100	1.58	NO	42.32	0.908	1.41e6	9.28e5	98.2	-1.8	1.52	bb
200801K1_5	100	1.59	NO	42.32	0.908	1.52e6	1.00e6	98.3	-1.7	1.52	bb
200801K1_6	100	1.58	NO	42.32	0.908	1.58e6	1.02e6	100	0.0	1.55	bb

Compound name: 13C-PCB-105

Response Factor: 1.57244

RRF SD: 0.0487805, Relative SD: 3.10222

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	43.19	0.927	1.40e6	8.47e5	105	5.1	1.85	dd
200801K1_2	100	1.55	NO	43.19	0.927	1.47e6	9.25e5	101	1.1	1.59	bd
200801K1_3	100	1.59	NO	43.21	0.927	1.49e6	9.70e5	98.0	-2.0	1.54	bd
200801K1_4	100	1.59	NO	43.21	0.927	1.42e6	9.28e5	97.4	-2.8	1.53	bb
200801K1_5	100	1.57	NO	43.21	0.927	1.53e6	1.00e6	97.2	-2.8	1.53	bd
200801K1_6	100	1.57	NO	43.21	0.927	1.62e6	1.02e6	101	1.2	1.59	dd

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Compound name: 13C-PCB-127
 Response Factor: 1.82478
 RRF SD: 0.0481809, Relative SD: 2.96539
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.56	NO	43.55	0.935	1.45e6	8.47e5	105	5.2	1.71	db
200801K1_2	100	1.57	NO	43.55	0.935	1.51e6	9.25e5	100	0.3	1.83	db
200801K1_3	100	1.57	NO	43.55	0.935	1.59e6	9.70e5	101	0.8	1.84	db
200801K1_4	100	1.56	NO	43.55	0.934	1.47e6	9.28e5	97.5	-2.5	1.58	bb
200801K1_5	100	1.56	NO	43.55	0.934	1.58e6	1.00e6	97.0	-3.0	1.58	db
200801K1_6	100	1.56	NO	43.55	0.934	1.64e6	1.02e6	99.2	-0.8	1.81	db

Compound name: 13C-PCB-126
 Response Factor: 1.56796
 RRF SD: 0.0317856, Relative SD: 2.02719
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.55	NO	45.51	0.978	1.33e6	8.47e5	100	0.0	1.57	bb
200801K1_2	100	1.56	NO	45.51	0.978	1.49e6	9.25e5	103	2.8	1.81	bb
200801K1_3	100	1.59	NO	45.51	0.978	1.54e6	9.70e5	101	1.0	1.58	bb
200801K1_4	100	1.54	NO	45.52	0.978	1.45e6	9.28e5	100	0.1	1.57	bb
200801K1_5	100	1.57	NO	45.51	0.978	1.51e6	1.00e6	98.4	-3.8	1.51	bb
200801K1_6	100	1.56	NO	45.52	0.978	1.80e6	1.02e6	99.8	-0.2	1.56	bb

Compound name: 13C-PCB-155
 Response Factor: 0.614596
 RRF SD: 0.0119449, Relative SD: 1.94354
 Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.28	NO	36.98	0.942	6.57e5	1.08e6	98.8	-1.4	0.606	bb
200801K1_2	100	1.28	NO	36.98	0.942	7.35e5	1.18e6	101	1.4	0.823	bb

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Compound name: 13C-PCB-155

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.32	NO	36.99	0.943	7.36e5	1.17e6	102	2.3	0.629	bb
200601K1_4	100	1.28	NO	36.99	0.943	7.19e5	1.15e6	102	1.5	0.624	bb
200601K1_5	100	1.35	NO	36.99	0.943	7.68e5	1.31e6	97.8	-2.2	0.601	bb
200601K1_6	100	1.32	NO	36.99	0.943	7.92e5	1.31e6	98.3	-1.7	0.604	bb

Compound name: 13C-PCB-153

Response Factor: 1.36484

RRF SD: 0.0310875, Relative SD: 2.27774

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.26	NO	43.36	0.930	1.21e6	8.47e5	104	4.5	1.43	bb
200601K1_2	100	1.25	NO	43.36	0.930	1.26e6	9.25e5	100	0.1	1.37	bb
200601K1_3	100	1.24	NO	43.36	0.930	1.30e6	9.70e5	98.2	-1.8	1.34	bb
200601K1_4	100	1.28	NO	43.36	0.930	1.25e6	9.26e5	99.1	-0.9	1.35	bb
200601K1_5	100	1.25	NO	43.36	0.930	1.35e6	1.00e6	98.8	-1.2	1.35	bb
200601K1_6	100	1.28	NO	43.36	0.930	1.38e6	1.02e6	99.4	-0.6	1.36	bb

Compound name: 13C-PCB-141

Response Factor: 1.12787

RRF SD: 0.0175764, Relative SD: 1.55838

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	44.12	0.947	9.74e5	8.47e5	102	1.9	1.15	bb
200601K1_2	100	1.28	NO	44.14	0.947	1.06e6	9.25e5	101	1.4	1.14	bb
200601K1_3	100	1.30	NO	44.14	0.947	1.10e6	9.70e5	100	0.4	1.13	bb
200601K1_4	100	1.28	NO	44.14	0.947	1.03e6	9.26e5	99.1	-0.9	1.12	bb
200601K1_5	100	1.26	NO	44.14	0.947	1.12e6	1.00e6	99.4	-0.6	1.12	bb
200601K1_6	100	1.26	NO	44.14	0.947	1.12e6	1.02e6	97.7	-2.3	1.10	bb

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Compound name: 13C-PCB-138
 Response Factor: 1.18475
 RRF SD: 0.015047, Relative SD: 1.27006
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.29	NO	44.99	0.965	1.00e6	8.47e5	99.7	-0.3	1.18	bb
200801K1_2	100	1.29	NO	44.99	0.965	1.11e6	9.25e5	101	1.0	1.20	bb
200801K1_3	100	1.29	NO	45.01	0.966	1.16e6	9.70e5	101	0.6	1.19	bb
200801K1_4	100	1.29	NO	45.01	0.965	1.07e6	9.28e5	97.9	-2.1	1.16	bb
200801K1_5	100	1.28	NO	45.01	0.965	1.18e6	1.00e6	99.5	-0.5	1.18	bb
200801K1_6	100	1.27	NO	45.01	0.985	1.22e6	1.02e6	101	1.3	1.20	bb

Compound name: 13C-PCB-159
 Response Factor: 1.43942
 RRF SD: 0.0195746, Relative SD: 1.3599
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	46.32	0.994	1.22e6	8.47e5	99.7	-0.3	1.44	bb
200801K1_2	100	1.28	NO	46.32	0.994	1.34e6	9.25e5	100	0.4	1.44	bd
200801K1_3	100	1.27	NO	46.32	0.994	1.38e6	9.70e5	99.0	-1.0	1.43	bd
200801K1_4	100	1.28	NO	46.34	0.994	1.33e6	9.28e5	99.7	-0.3	1.43	bd
200801K1_5	100	1.28	NO	46.34	0.994	1.42e6	1.00e6	98.7	-1.3	1.42	bd
200801K1_6	100	1.28	NO	46.34	0.994	1.51e6	1.02e6	103	2.5	1.48	bd

Compound name: 13C-PCB-167
 Response Factor: 1.44018
 RRF SD: 0.0216462, Relative SD: 1.50303
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	47.02	1.009	1.22e6	8.47e5	99.8	-0.4	1.43	bb
200801K1_2	100	1.28	NO	47.02	1.009	1.33e6	9.25e5	99.8	-0.4	1.43	bb

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Compound name: 13C-PCB-167

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.27	NO	47.04	1.009	1.39e6	9.70e5	99.8	-0.2	1.44	bb
200601K1_4	100	1.27	NO	47.04	1.009	1.36e6	9.26e5	102	1.9	1.47	bb
200601K1_5	100	1.25	NO	47.04	1.009	1.41e6	1.00e6	97.7	-2.3	1.41	bb
200601K1_6	100	1.26	NO	47.04	1.009	1.49e6	1.02e6	101	1.5	1.46	bb

Compound name: 13C-PCB-156

Response Factor: 1.39893

RRF SD: 0.0275437, Relative SD: 1.97173

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	48.37	1.038	1.18e6	8.47e5	99.8	-0.2	1.39	bb
200601K1_2	100	1.27	NO	48.37	1.038	1.26e6	9.25e5	97.8	-2.2	1.37	bb
200601K1_3	100	1.28	NO	48.37	1.038	1.35e6	9.70e5	99.5	-0.5	1.39	bb
200601K1_4	100	1.26	NO	48.37	1.037	1.31e6	9.26e5	102	1.7	1.42	bb
200601K1_5	100	1.26	NO	48.37	1.037	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.27	NO	48.37	1.037	1.47e6	1.02e6	103	2.9	1.44	bb

Compound name: 13C-PCB-157

Response Factor: 1.39899

RRF SD: 0.0376485, Relative SD: 2.69497

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.27	NO	48.63	1.043	1.19e6	8.47e5	100	0.2	1.40	bb
200601K1_2	100	1.28	NO	48.63	1.043	1.24e6	9.25e5	95.9	-4.1	1.34	bb
200601K1_3	100	1.28	NO	48.65	1.044	1.36e6	9.70e5	100	0.3	1.40	bb
200601K1_4	100	1.26	NO	48.65	1.043	1.31e6	9.26e5	102	1.6	1.42	bb
200601K1_5	100	1.27	NO	48.65	1.043	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.26	NO	48.65	1.043	1.46e6	1.02e6	104	3.7	1.45	bb

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Compound name: 13C-PCB-189
 Response Factor: 1.33116
 RRF SD: 0.042515, Relative SD: 3.19384
 Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	1.26	NO	50.90	1.092	1.12e6	8.47e5	99.2	-0.8	1.32	bb
2	200801K1_2	100	1.26	NO	50.90	1.092	1.19e6	9.25e5	96.3	-3.7	1.28	bb
3	200801K1_3	100	1.26	NO	50.90	1.092	1.33e6	9.70e5	103	3.1	1.37	bb
4	200801K1_4	100	1.26	NO	50.90	1.092	1.22e6	9.29e5	99.1	-0.9	1.32	bb
5	200801K1_5	100	1.25	NO	50.90	1.092	1.30e6	1.00e6	97.7	-2.3	1.30	bb
6	200801K1_6	100	1.27	NO	50.92	1.092	1.42e6	1.02e6	105	4.8	1.39	bb

Compound name: 13C-PCB-188
 Response Factor: 1.40951
 RRF SD: 0.0117086, Relative SD: 0.83069
 Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.45	NO	42.99	0.926	9.28e5	6.80e5	99.8	-0.2	1.41	bb
2	200801K1_2	100	0.45	NO	42.99	0.926	1.02e6	7.21e5	100	-0.0	1.41	bb
3	200801K1_3	100	0.46	NO	42.99	0.926	1.03e6	7.29e5	101	0.7	1.42	bb
4	200801K1_4	100	0.46	NO	43.00	0.926	1.01e6	7.30e5	96.5	-1.5	1.39	bb
5	200801K1_5	100	0.46	NO	43.00	0.926	1.13e6	8.04e5	100	0.1	1.41	bb
6	200801K1_6	100	0.45	NO	43.00	0.926	1.18e6	8.32e5	101	0.9	1.42	bb

Compound name: 13C-PCB-180
 Response Factor: 0.928881
 RRF SD: 0.0198492, Relative SD: 2.11536
 Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)
 Curve type: RF

	Name	Std. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.46	NO	49.69	1.070	6.18e5	6.80e5	101	0.5	0.934	bd
2	200801K1_2	100	0.44	NO	49.69	1.070	6.54e5	7.21e5	97.6	-2.4	0.907	bd

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Compound name: 13C-PCB-180

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	0.46	NO	49.69	1.070	7.01e5	7.29e5	103	3.4	0.961	bd
200801K1_4	100	0.46	NO	49.69	1.070	6.87e5	7.30e5	98.4	-1.6	0.914	bb
200801K1_5	100	0.45	NO	49.69	1.070	7.40e5	8.04e5	99.1	-0.9	0.920	bb
200801K1_6	100	0.45	NO	49.69	1.070	7.81e5	8.32e5	101	1.1	0.939	bb

Compound name: 13C-PCB-170

Response Factor: 0.794323

RRF SD: 0.024833, Relative SD: 3.12632

Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.45	NO	51.36	1.106	5.21e5	6.60e5	99.4	-0.6	0.789	bb
200801K1_2	100	0.44	NO	51.36	1.106	5.75e5	7.21e5	100	0.4	0.798	bb
200801K1_3	100	0.45	NO	51.36	1.106	6.11e5	7.29e5	105	5.4	0.837	bb
200801K1_4	100	0.46	NO	51.36	1.106	5.78e5	7.30e5	99.8	-0.2	0.793	bb
200801K1_5	100	0.46	NO	51.36	1.106	6.11e5	8.04e5	95.7	-4.3	0.760	bb
200801K1_6	100	0.46	NO	51.36	1.106	6.57e5	8.32e5	99.3	-0.7	0.789	bb

Compound name: 13C-PCB-189

Response Factor: 1.04459

RRF SD: 0.0359944, Relative SD: 3.44577

Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	53.08	1.143	6.87e5	6.60e5	99.6	-0.4	1.04	bb
200801K1_2	100	0.46	NO	53.08	1.143	7.42e5	7.21e5	98.5	-1.5	1.03	bb
200801K1_3	100	0.46	NO	53.08	1.143	8.11e5	7.29e5	108	6.4	1.11	bb
200801K1_4	100	0.46	NO	53.08	1.143	7.81e5	7.30e5	99.8	-0.2	1.04	bb
200801K1_5	100	0.46	NO	53.08	1.143	8.07e5	8.04e5	98.1	-3.9	1.00	bb
200801K1_6	100	0.47	NO	53.08	1.143	8.85e5	8.32e5	99.6	-0.4	1.04	bb

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Compound name: 13C-PCB-202

Response Factor: 1.03576

RRF SD: 0.0193089, Relative SD: 1.86423

Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.94	NO	48.57	1.048	6.72e5	6.60e5	98.4	-1.6	1.02	bb
200601K1_2	100	0.93	NO	48.59	1.048	7.55e5	7.21e5	101	1.1	1.05	bb
200601K1_3	100	0.93	NO	48.59	1.048	7.66e5	7.29e5	101	1.4	1.05	bb
200601K1_4	100	0.91	NO	48.59	1.048	7.74e5	7.30e5	102	2.4	1.06	bb
200601K1_5	100	0.93	NO	48.59	1.048	8.21e5	8.04e5	98.5	-1.5	1.02	bb
200601K1_6	100	0.91	NO	48.59	1.048	8.48e5	8.32e5	98.2	-1.6	1.02	bb

Compound name: 13C-PCB-184

Response Factor: 0.768019

RRF SD: 0.0144259, Relative SD: 1.87833

Response type: Internal Std (Ref 219), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.88	NO	54.70	0.995	6.54e5	6.59e5	99.2	-0.8	0.762	bb
200601K1_2	100	0.90	NO	54.70	0.995	6.72e5	6.91e5	98.2	-1.8	0.754	bb
200601K1_3	100	0.89	NO	54.70	0.995	7.55e5	9.85e5	99.9	-0.1	0.767	bb
200601K1_4	100	0.89	NO	54.70	0.995	6.85e5	6.96e5	99.3	-0.7	0.763	bb
200601K1_5	100	0.90	NO	54.70	0.995	7.19e5	9.37e5	99.9	-0.1	0.787	bb
200601K1_6	100	0.90	NO	54.70	0.995	8.07e5	1.01e6	104	3.6	0.796	bb

Compound name: 13C-PCB-208

Response Factor: 0.990772

RRF SD: 0.01981, Relative SD: 1.97926

Response type: Internal Std (Ref 219), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.79	NO	53.94	0.981	8.27e5	8.59e5	97.1	-2.9	0.962	bb
200601K1_2	100	0.77	NO	53.94	0.981	8.89e5	8.91e5	101	0.7	0.998	bb

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Compound name: 13C-PCB-208

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	53.94	0.981	9.56e5	9.85e5	96.0	-2.0	0.971	bb
200601K1_4	100	0.79	NO	53.94	0.981	9.09e5	8.98e5	102	2.1	1.01	bb
200601K1_5	100	0.78	NO	53.94	0.981	9.40e5	9.37e5	101	1.2	1.00	bb
200601K1_6	100	0.78	NO	53.94	0.981	1.01e6	1.01e6	101	0.9	0.999	bb

Compound name: 13C-PCB-206

Response Factor: 0.552205

RRF SD: 0.00935022, Relative SD: 1.69325

Response type: Internal Std (Ref 219), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.78	NO	56.24	1.023	4.83e5	8.59e5	102	1.8	0.562	dd
200601K1_2	100	0.81	NO	56.24	1.023	4.90e5	8.91e5	99.5	-0.5	0.550	dd
200601K1_3	100	0.78	NO	56.24	1.023	5.49e5	9.85e5	101	1.0	0.558	bb
200601K1_4	100	0.80	NO	56.24	1.023	5.03e5	8.98e5	101	1.4	0.560	dd
200601K1_5	100	0.78	NO	56.24	1.023	5.04e5	9.37e5	97.4	-2.8	0.538	bd
200601K1_6	100	0.78	NO	56.24	1.023	5.54e5	1.01e6	99.0	-1.0	0.547	db

Compound name: 13C-PCB-209

Response Factor: 0.396384

RRF SD: 0.0196712, Relative SD: 4.96267

Response type: Internal Std (Ref 219), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.23	NO	57.48	1.046	3.65e5	8.59e5	107	7.2	0.425	bb
200601K1_2	100	1.16	NO	57.48	1.046	3.67e5	8.91e5	104	3.8	0.411	bb
200601K1_3	100	1.18	NO	57.48	1.046	3.88e5	9.85e5	99.5	-0.5	0.394	bb
200601K1_4	100	1.18	NO	57.48	1.046	3.55e5	8.98e5	99.8	-0.2	0.396	bb
200601K1_5	100	1.19	NO	57.48	1.046	3.47e5	9.37e5	93.4	-6.6	0.370	bb
200601K1_6	100	1.19	NO	57.48	1.046	3.87e5	1.01e6	98.3	-3.7	0.382	bb

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Compound name: 13C-PCB-15

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 213), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.56	NO	25.52	0.000	2.62e6	2.62e6	100	0.0	1.00	bb
200601K1_2	100	1.57	NO	25.51	0.000	2.80e6	2.80e6	100	0.0	1.00	bb
200601K1_3	100	1.58	NO	25.53	0.000	2.85e6	2.85e6	100	0.0	1.00	bb
200601K1_4	100	1.56	NO	25.53	0.000	2.67e6	2.67e6	100	0.0	1.00	bb
200601K1_5	100	1.57	NO	25.53	0.000	2.81e6	2.81e6	100	0.0	1.00	bb
200601K1_6	100	1.56	NO	25.53	0.000	2.77e6	2.77e6	100	0.0	1.00	bb

Compound name: 13C-PCB-31

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 214), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.03	NO	28.66	0.000	2.08e6	2.08e6	100	0.0	1.00	bd
200601K1_2	100	1.04	NO	28.66	0.000	2.43e6	2.43e6	100	0.0	1.00	bd
200601K1_3	100	1.04	NO	28.66	0.000	2.26e6	2.26e6	100	0.0	1.00	bd
200601K1_4	100	1.05	NO	28.66	0.000	2.13e6	2.13e6	100	0.0	1.00	bd
200601K1_5	100	1.03	NO	28.66	0.000	2.24e6	2.24e6	100	0.0	1.00	bd
200601K1_6	100	1.04	NO	28.66	0.000	2.18e6	2.18e6	100	0.0	1.00	bd

Compound name: 13C-PCB-60

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.78	NO	36.66	0.000	1.67e6	1.67e6	100	0.0	1.00	bb
200601K1_2	100	0.80	NO	36.66	0.000	1.82e6	1.82e6	100	0.0	1.00	bb

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Compound name: 13C-PCB-80

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_3	100	0.78	NO	36.68	0.000	1.81e6	1.81e6	100	0.0	1.00		bb
200801K1_4	100	0.79	NO	36.68	0.000	1.74e6	1.74e6	100	0.0	1.00		bb
200801K1_5	100	0.78	NO	36.70	0.000	1.89e6	1.89e6	100	0.0	1.00		bb
200801K1_6	100	0.78	NO	36.70	0.000	1.92e6	1.92e6	100	0.0	1.00		bb

Compound name: 13C-PCB-111

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_1	100	1.62	NO	39.25	0.000	1.08e6	1.08e6	100	0.0	1.00		bb
200801K1_2	100	1.62	NO	39.25	0.000	1.18e6	1.18e6	100	0.0	1.00		bb
200801K1_3	100	1.62	NO	39.25	0.000	1.17e6	1.17e6	100	0.0	1.00		db
200801K1_4	100	1.60	NO	39.25	0.000	1.15e6	1.15e6	100	0.0	1.00		bb
200801K1_5	100	1.62	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00		bb
200801K1_6	100	1.63	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00		bb

Compound name: 13C-PCB-128

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_1	100	1.28	NO	46.60	0.000	8.47e5	8.47e5	100	0.0	1.00		bb
200801K1_2	100	1.27	NO	46.60	0.000	9.25e5	9.25e5	100	0.0	1.00		db
200801K1_3	100	1.25	NO	46.60	0.000	9.70e5	9.70e5	100	0.0	1.00		db
200801K1_4	100	1.26	NO	46.62	0.000	9.26e5	9.26e5	100	0.0	1.00		db
200801K1_5	100	1.26	NO	46.62	0.000	1.00e6	1.00e6	100	0.0	1.00		db
200801K1_6	100	1.27	NO	46.62	0.000	1.02e6	1.02e6	100	0.0	1.00		db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-182

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 218), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	46.43	0.000	6.60e5	6.60e5	100	0.0	1.00	bb
200801K1_2	100	0.44	NO	46.43	0.000	7.21e5	7.21e5	100	0.0	1.00	bb
200801K1_3	100	0.46	NO	46.43	0.000	7.29e5	7.29e5	100	0.0	1.00	bb
200801K1_4	100	0.45	NO	46.43	0.000	7.30e5	7.30e5	100	0.0	1.00	bb
200801K1_5	100	0.45	NO	46.43	0.000	8.04e5	8.04e5	100	0.0	1.00	bb
200801K1_6	100	0.45	NO	46.43	0.000	8.32e5	8.32e5	100	0.0	1.00	bb

Compound name: 13C-PCB-205

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 219), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.90	NO	54.98	0.000	8.59e5	8.59e5	100	0.0	1.00	bb
200801K1_2	100	0.89	NO	54.98	0.000	8.91e5	8.91e5	100	0.0	1.00	bb
200801K1_3	100	0.90	NO	54.98	0.000	9.85e5	9.85e5	100	0.0	1.00	bb
200801K1_4	100	0.90	NO	54.98	0.000	8.98e5	8.98e5	100	0.0	1.00	bb
200801K1_5	100	0.90	NO	54.98	0.000	9.37e5	9.37e5	100	0.0	1.00	bb
200801K1_6	100	0.92	NO	54.98	0.000	1.01e6	1.01e6	100	0.0	1.00	bb

Compound name: 13C-PCB-79

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	37.78	1.030	1.83e6	1.87e6	102	2.2	1.09	bb
200801K1_2	100	0.80	NO	37.78	1.030	1.92e6	1.82e6	96.7	-1.3	1.06	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-79

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	37.78	1.030	1.93e6	1.81e6	99.5	-0.5	1.06	bb
200601K1_4	100	0.77	NO	37.78	1.030	1.87e6	1.74e6	101	0.5	1.07	bb
200601K1_5	100	0.79	NO	37.78	1.029	1.98e6	1.89e6	98.0	-2.0	1.05	bb
200601K1_6	100	0.79	NO	37.78	1.029	2.08e6	1.92e6	101	1.0	1.08	bb

Compound name: 13C-PCB-178

Response Factor: 0.768471

RRF SD: 0.0163291, Relative SD: 2.13043

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.46	NO	45.87	0.988	8.59e5	8.47e5	101	1.5	0.778	bb
200601K1_2	100	0.45	NO	45.87	0.988	7.18e5	9.25e5	101	1.0	0.774	bb
200601K1_3	100	0.44	NO	45.88	0.988	7.23e5	9.70e5	97.2	-2.8	0.745	bb
200601K1_4	100	0.46	NO	45.88	0.988	7.30e5	9.26e5	103	2.9	0.788	bb
200601K1_5	100	0.44	NO	45.88	0.988	7.54e5	1.00e6	98.3	-1.7	0.754	bb
200601K1_6	100	0.45	NO	45.88	0.988	7.75e5	1.02e6	99.1	-0.9	0.759	bb

Compound name: 13C-PCB-79

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	37.78	0.988	1.83e6	1.65e6	102	2.5	1.11	bb
200601K1_2	100	0.80	NO	37.78	0.988	1.92e6	1.76e6	101	0.8	1.09	bb
200601K1_3	100	0.79	NO	37.78	0.988	1.93e6	1.80e6	99.0	-1.0	1.07	bb
200601K1_4	100	0.77	NO	37.78	0.988	1.87e6	1.70e6	101	1.4	1.10	bb
200601K1_5	100	0.79	NO	37.78	0.988	1.98e6	1.88e6	97.4	-2.6	1.05	bb
200601K1_6	100	0.79	NO	37.78	0.988	2.08e6	1.94e6	99.0	-1.0	1.07	bb

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-178

Response Factor: 0.786471

RRF SD: 0.0163291, Relative SD: 2.13043

Response type: Internal Std (Ref 217), Area * (IS Conc. / IS Area)

Curve type: RF

	Name	Int. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.48	NO	45.87	0.923	6.59e5	6.16e5	102	1.8	1.07	bb
2	200801K1_2	100	0.45	NO	45.87	0.923	7.16e5	6.54e5	104	4.2	1.10	bb
3	200801K1_3	100	0.44	NO	45.88	0.923	7.23e5	7.01e5	98.2	-1.8	1.03	bb
4	200801K1_4	100	0.48	NO	45.88	0.923	7.30e5	6.67e5	104	4.2	1.10	bb
5	200801K1_5	100	0.44	NO	45.88	0.923	7.55e5	7.40e5	97.2	-2.8	1.02	bb
6	200801K1_6	100	0.45	NO	45.88	0.923	7.75e5	7.81e5	94.4	-5.8	0.992	bb

Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:33:52 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-1-20.mdb 02 Jun 2020 10:36:07
Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

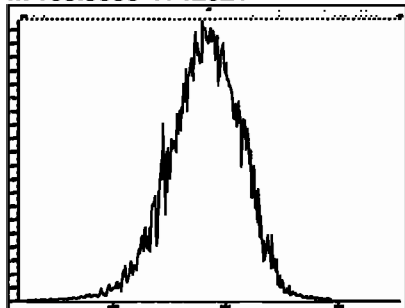
Compound name: PCB-1

Name	ID	Acq Date	Acq Time
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200601K1_3	ST200601K1-3 PCB 209 CS2 19G2808	01-Jun-20	14:19:00
200601K1_4	ST200601K1-4 PCB 209 CS3 19G2809	01-Jun-20	15:19:46
200601K1_5	ST200601K1-5 PCB 209 CS4 19G2810	01-Jun-20	16:20:32
200601K1_8	ST200601K1-6 PCB 209 CS5 19G2811	01-Jun-20	17:21:13
200601K1_7	SS200601K1-1 PCB 209 SS 19G2812	01-Jun-20	18:21:53
200601K1_8	B0E0091-BS2 OPR 1	01-Jun-20	19:22:39
200601K1_9	B0D0045-BS4 OPR 1	01-Jun-20	20:23:05
200601K1_10	B0D0029-BS2 OPR 10	01-Jun-20	21:22:15
200601K1_11	B0D0029-BS3 OPR 10	01-Jun-20	22:24:28
200601K1_12	B0D0028-BS2 OPR 10	01-Jun-20	23:24:52
200601K1_13	B0D0028-BS3 OPR 10	02-Jun-20	00:24:00
200601K1_14	B0E0089-BS1 OPR 1	02-Jun-20	01:28:11

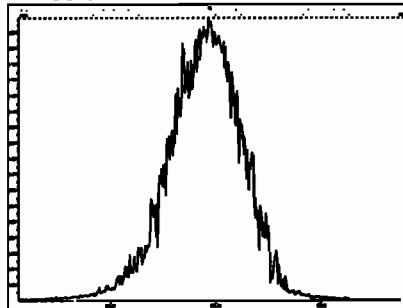
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Printed: Monday, June 01, 2020 12:03:14 Pacific Daylight Time

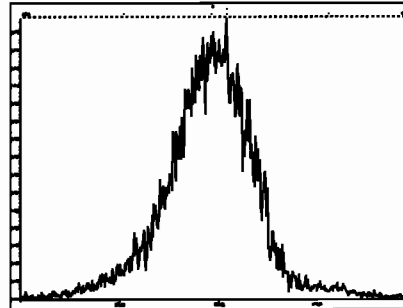
M 168.9888 R 12021



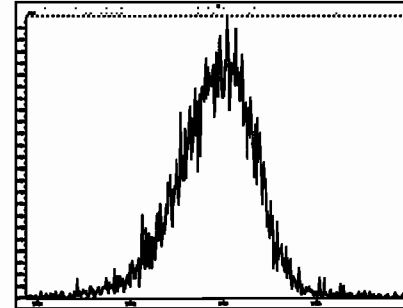
M 180.9888 R 11414



M 192.9888 R 10041



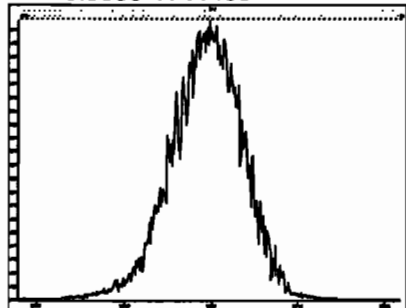
M 204.9888 R 12498



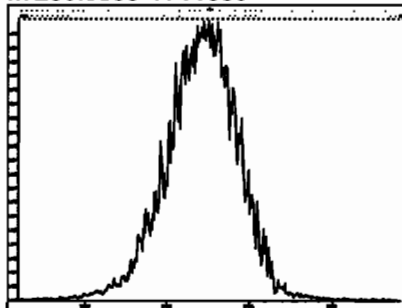
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Printed: Monday, June 01, 2020 12:03:55 Pacific Daylight Time

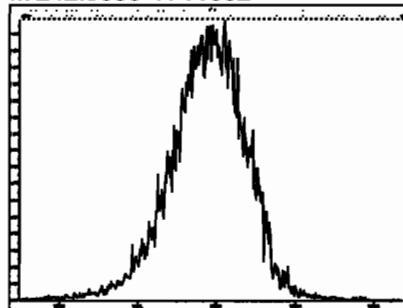
M 218.9856 R 11468



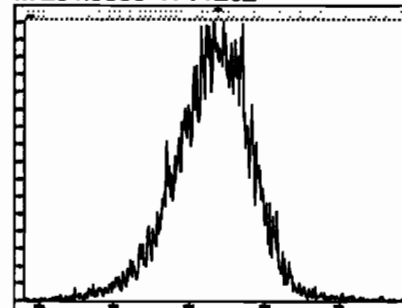
M 230.9856 R 11680



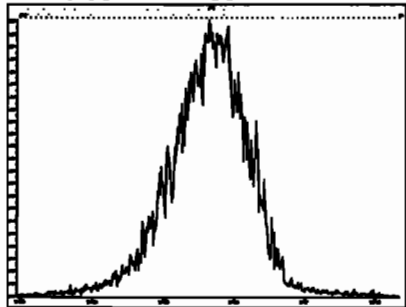
M 242.9856 R 11682



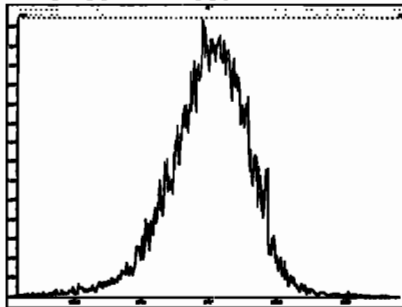
M 254.9856 R 11262



M 268.9824 R 11361

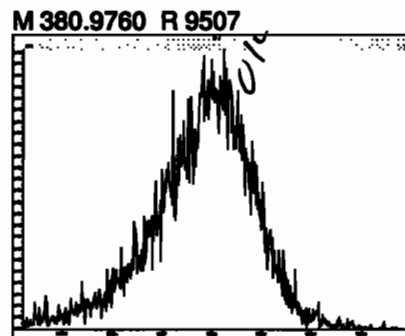
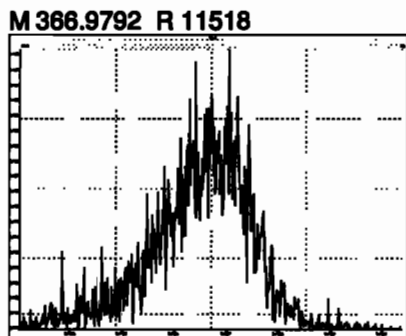
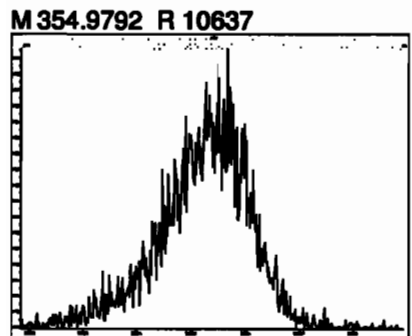
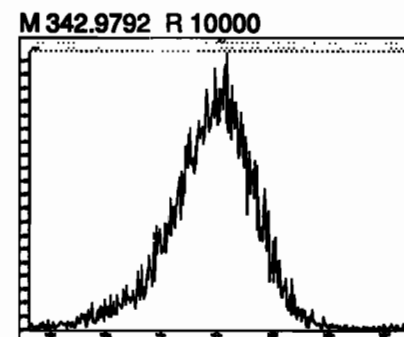
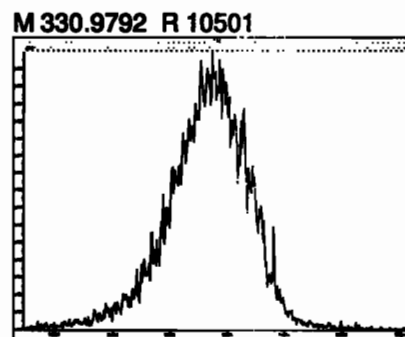
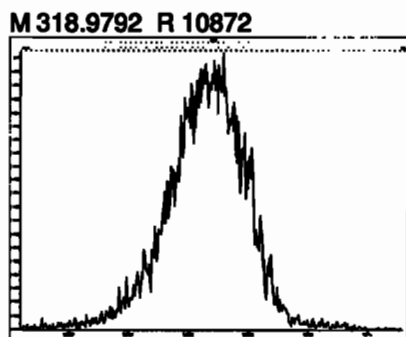
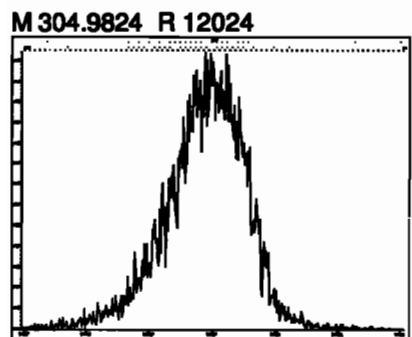
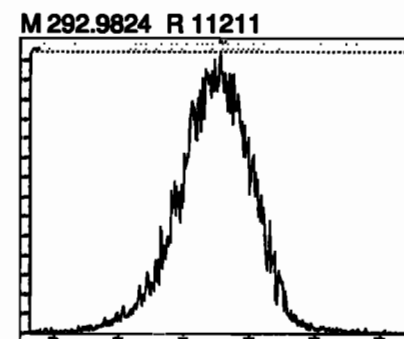
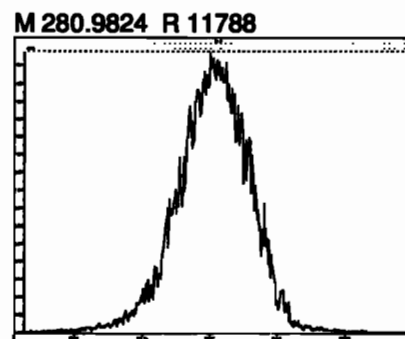
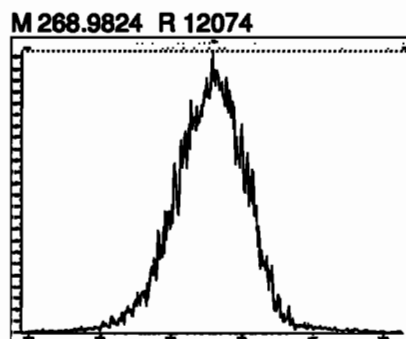
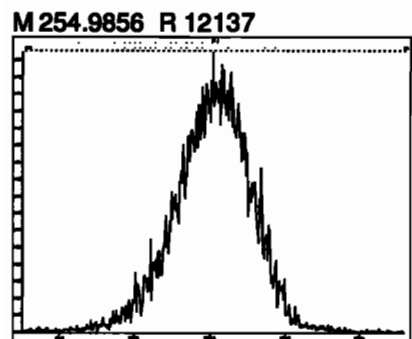


M 280.9824 R 10634



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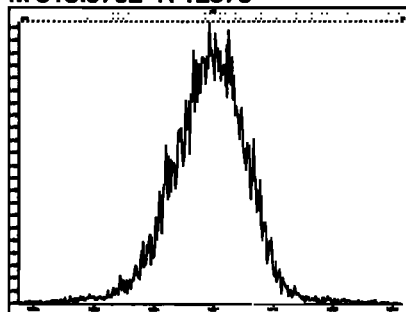
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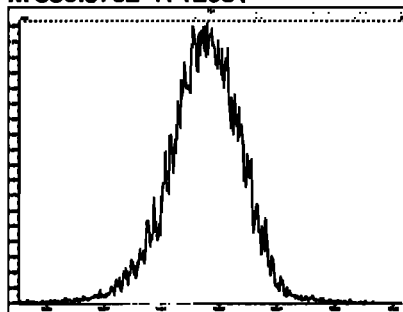
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Printed: Monday, June 01, 2020 12:08:59 Pacific Daylight Time

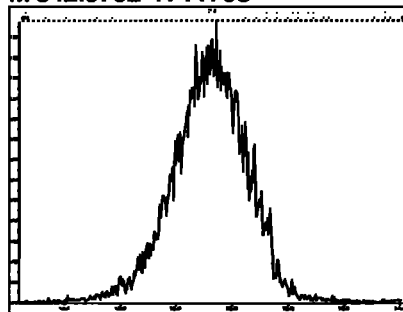
M 318.9792 R 12376



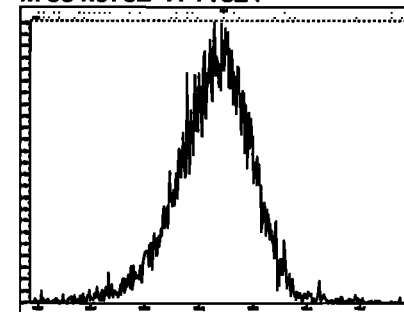
M 330.9792 R 12081



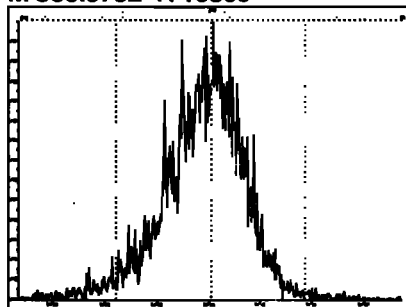
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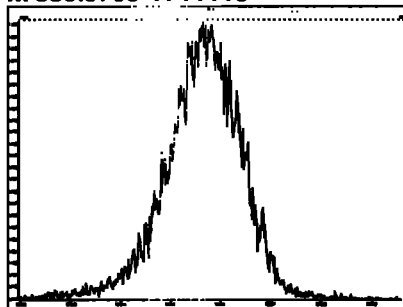
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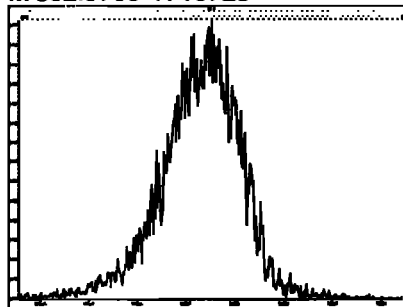
M 366.9792 R 10869



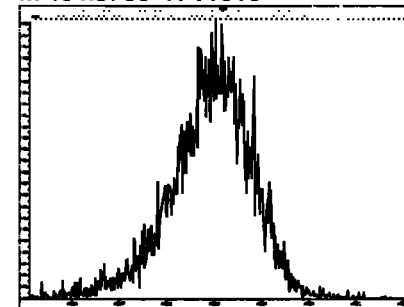
M 380.9760 R 11110



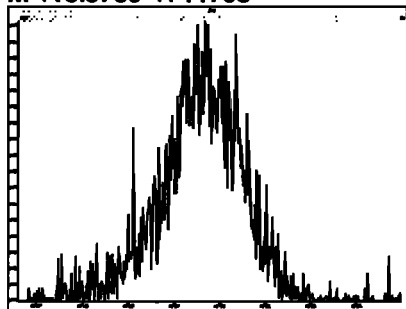
M 392.9760 R 10728



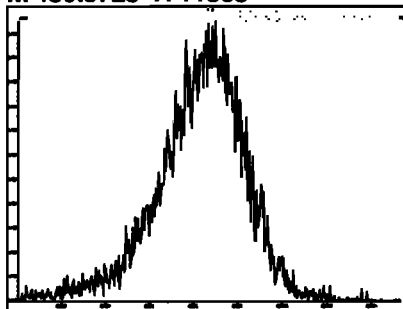
M 404.9760 R 11010



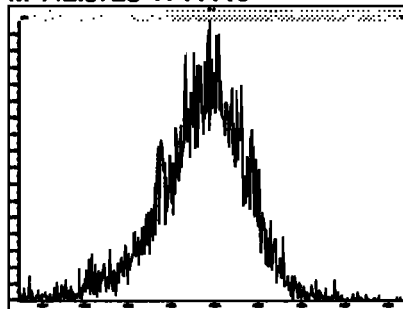
M 416.9760 R 11793



M 430.9728 R 11363

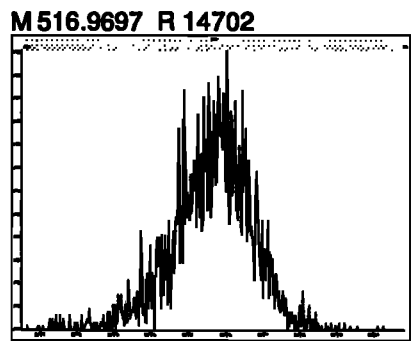
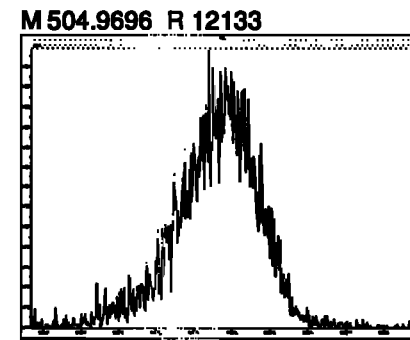
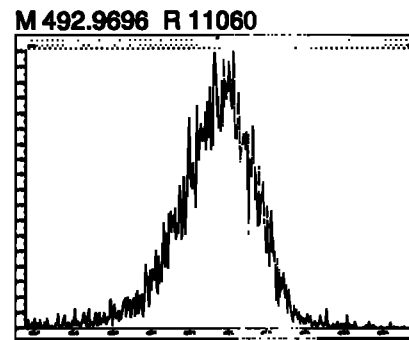
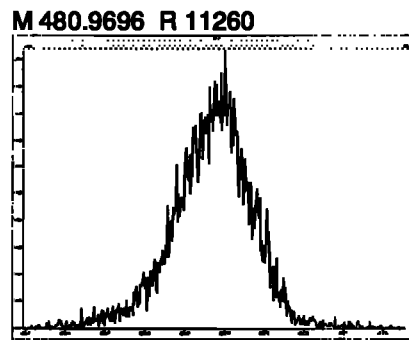
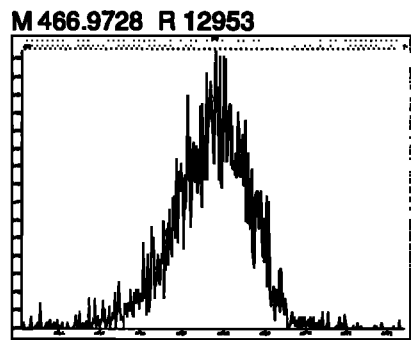
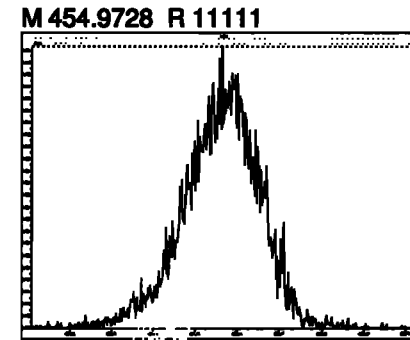
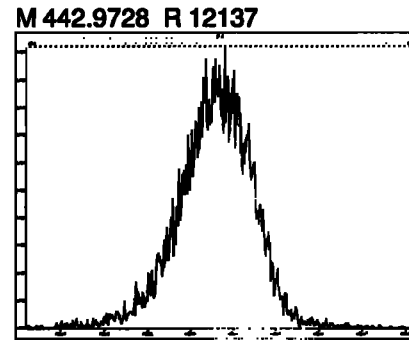
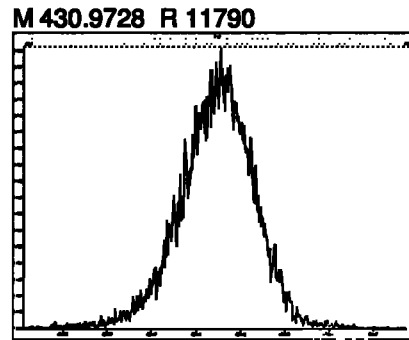
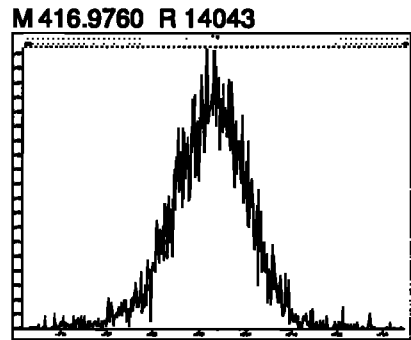


M 442.9728 R 11110



File: Experiment: PCB_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:12:00 Pacific Daylight Time



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-1-20.mdb 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

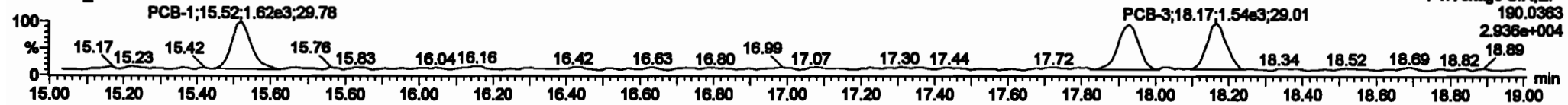
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PCB-1

200601K1_1



200601K1_1

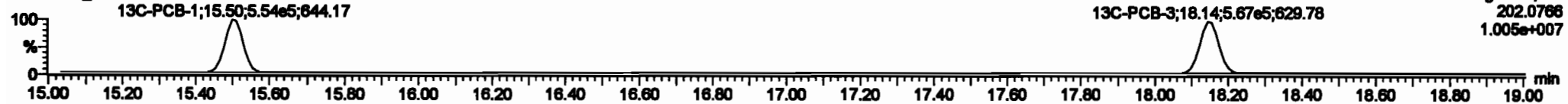


13C-PCB-1

200601K1_1

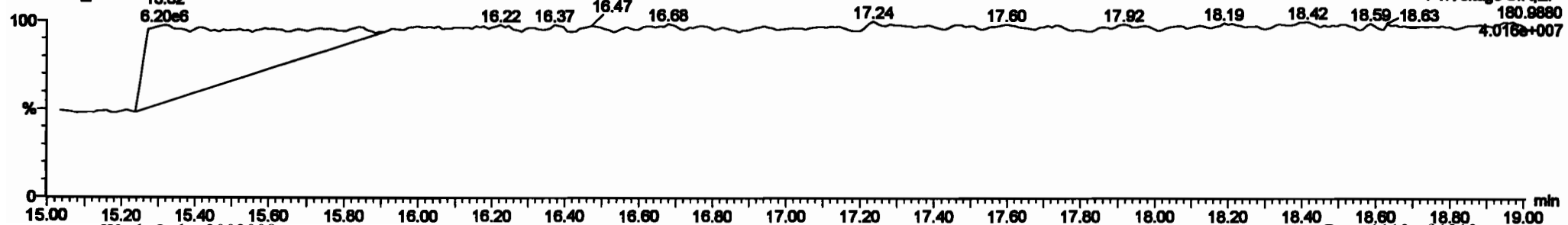


200601K1_1



PFK1

200601K1_1

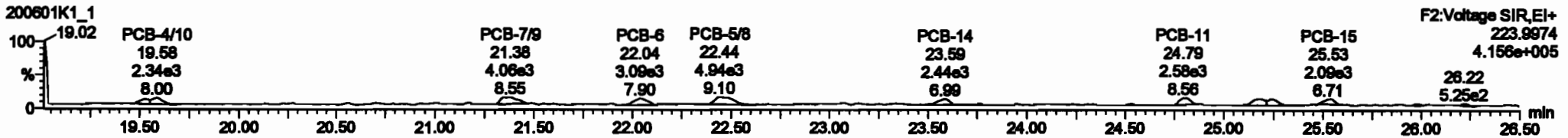
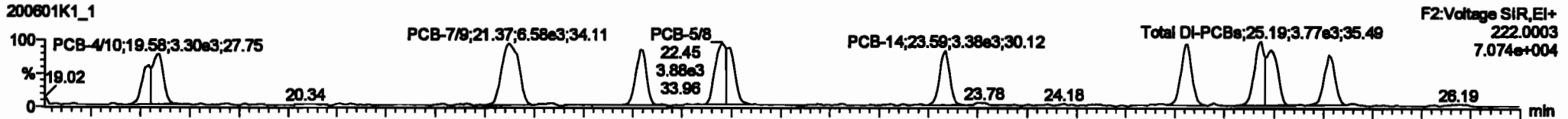


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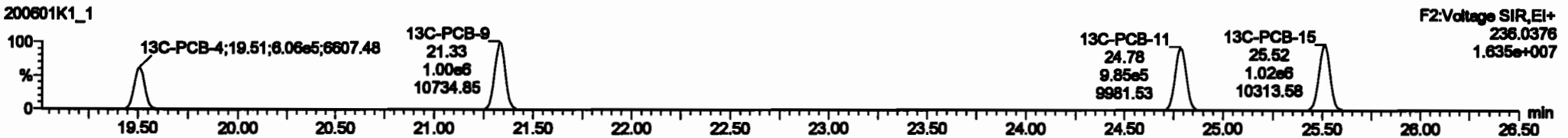
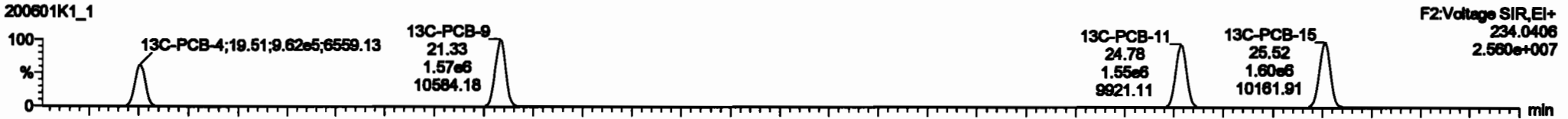
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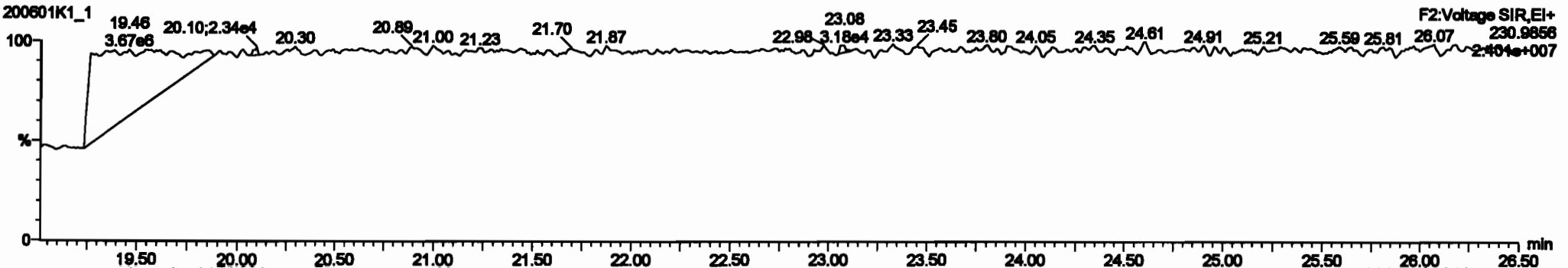
PCB-4/10



13C-PCB-4

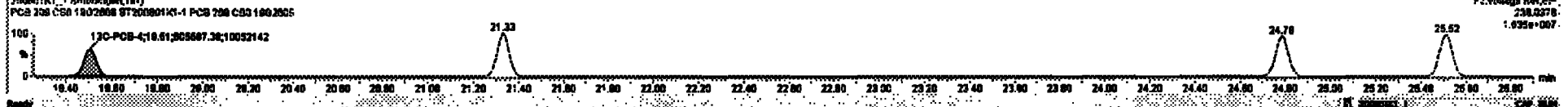
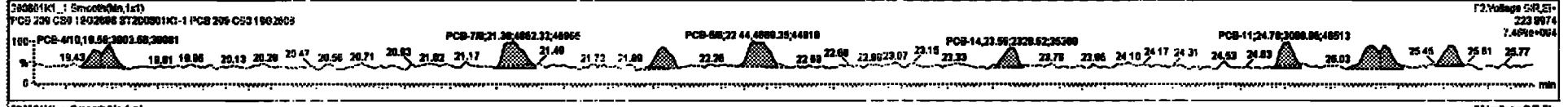
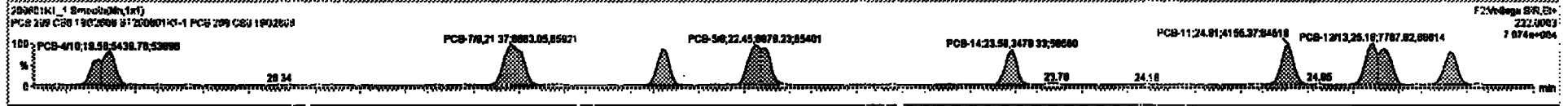


PFK2a



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216	13C-PCB-88	1.82e6	0.78	NO	1.0000	1.000	38.88	38.88	1.800	0.000	NO	100.0	100	0.0808				
216	13C-PCB-111	1.82e6	1.82	NO	1.0000	1.000	38.25	38.25	1.800	0.000	NO	100.0	100	0.0915				
217	13C-PCB-128	8.47e6	1.28	NO	1.0000	1.000	48.80	48.80	1.800	0.000	NO	100.0	100	0.0884				
218	13C-PCB-162	8.89e6	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0818				
219	13C-PCB-208	8.89e6	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148				
220	13C-PCB-78	1.82e6	0.78	NO	1.0000	1.000	37.78	37.78	1.000	1.000	NO	102.2	102	0.0887				
221	13C-PCB-178	8.89e6	0.48	NO	0.7888	1.000	46.87	46.87	0.888	0.888	NO	101.8	101	0.0828				
222	13C-PCB-78	1.82e6	0.78	NO	1.0021	1.000	37.78	37.78	0.998	0.998	NO	102.8	102	0.0888				
223	13C-PCB-178	8.89e6	0.48	NO	1.0000	1.000	46.87	46.87	0.823	0.823	NO	101.8	102	0.0823				
224	Total Micro-PCBs				1.8887	1.000	0.00	0.00			NO	0.8332		0.0348	0.8330			
225	Total Macro-PCBs														0.1668			
226	Total PCBs														1.0000			
228	Total Fraction TM-PCBs				1.8887	1.000	0.00	0.00			NO	1.833		0.404	1.833			

PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
4	PCB-478	19.88	19.88	5.44e3	1.88e3	1.800	1.28	NO	0.47700	0.47744								
5	PCB-78	21.28	21.27	8.88e3	4.88e3	1.800	1.37	NO	0.48700	0.48883								
6	PCB-9	22.08	22.04	3.78e3	2.78e3	1.800	1.28	NO	0.24880	0.24882								
7	PCB-58	22.44	22.45	8.87e3	4.88e3	1.800	1.47	NO	0.48200	0.48247								
8	PCB-14	23.88	23.88	3.47e3	2.32e3	1.800	1.48	NO	0.22880	0.22843								
9	PCB-11	24.80	24.81	4.18e3	3.08e3	1.800	1.34	NO	0.28400	0.28438								
10	PCB-128	26.28	26.18	7.78e3	6.78e3	1.800	1.38	NO	0.81880	0.81880								
11	PCB-15	26.84	26.83	3.82e3	2.81e3	1.800	1.48	NO	0.23100	0.23088								

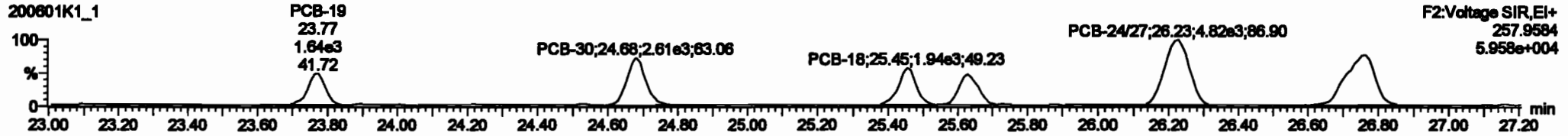
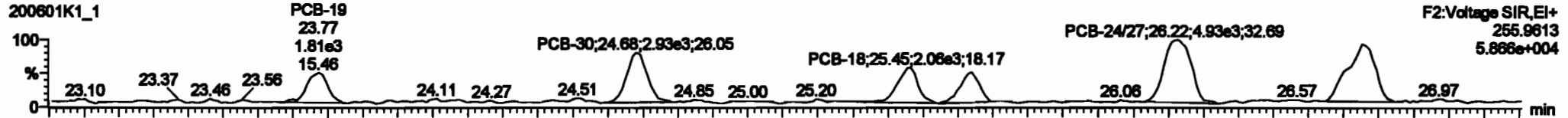


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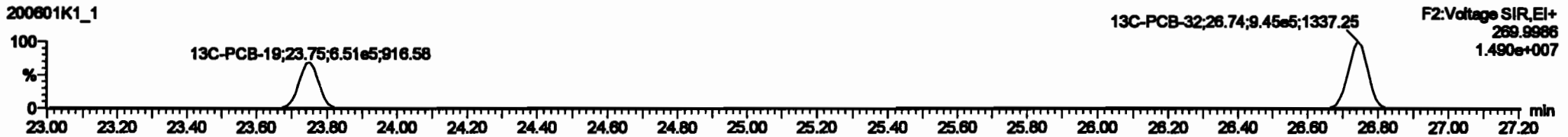
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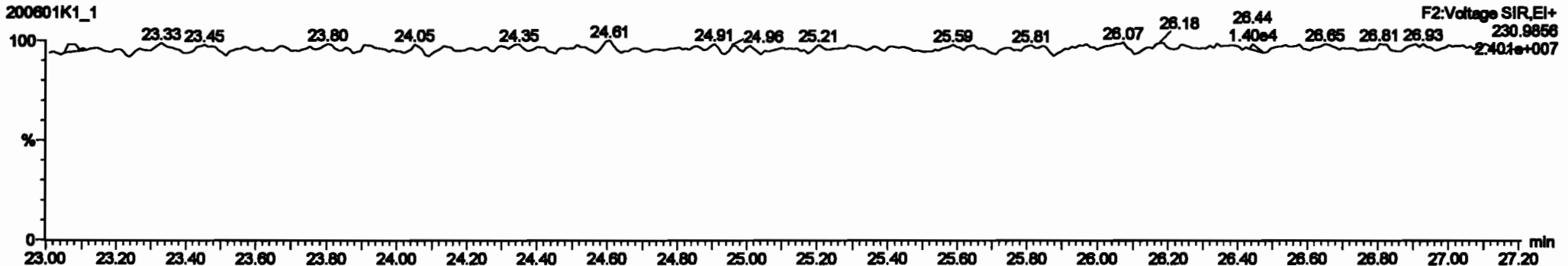
PCB-19



13C-PCB-19

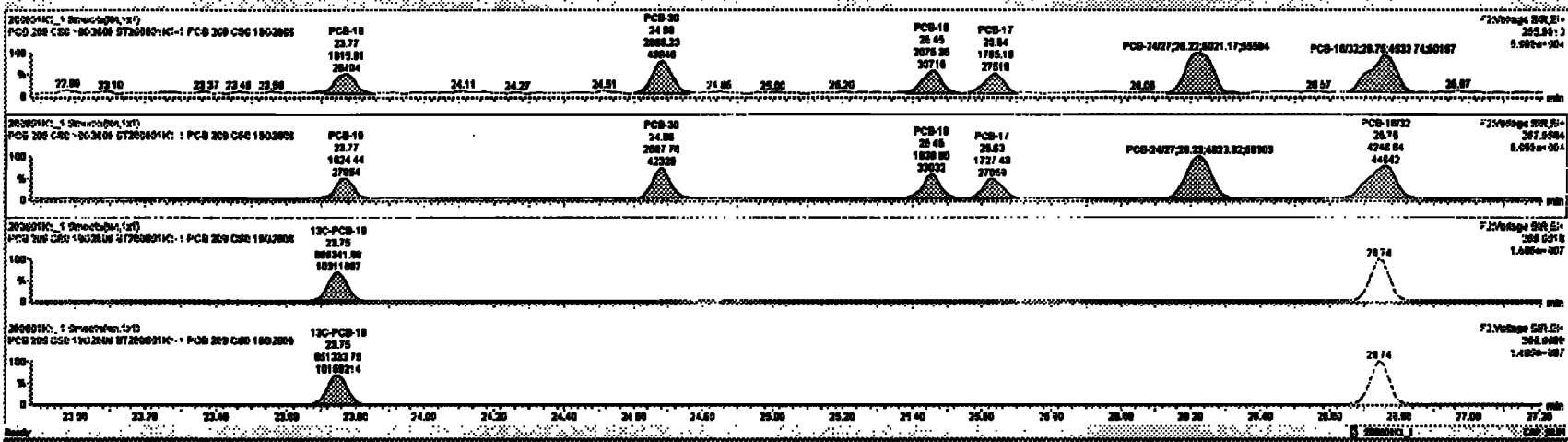


PFK2b



PCB No.	PCB Name	Area	Height	Width	Volume	Weight	Length	Width	Height	Volume	Weight	Length	Width	Height	Volume	Weight
216	13C-PCB-09	1.07e6	0.70	NO	1.0000	1.000	20.00	20.00	1.000	0.000	NO	100.0	100	0.0000		
216	13C-PCB-111	1.07e6	1.02	NO	1.0000	1.000	20.25	20.25	1.000	0.000	NO	100.0	100	0.0016		
217	13C-PCB-128	0.07e6	1.20	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0	100	0.0004		
216	13C-PCB-167	0.00e6	0.00	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0010		
216	13C-PCB-205	0.00e6	0.00	NO	1.0000	1.000	04.00	04.00	1.000	0.000	NO	100.0	100	0.140		
200	13C-PCB-70	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	1.000	1.000	NO	100.0	100	0.0007		
201	13C-PCB-170	0.00e6	0.00	NO	0.7000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000		
200	13C-PCB-70	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	0.000	0.000	NO	100.0	100	0.0000		
200	13C-PCB-170	0.00e6	0.00	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000		
200	Total Mass-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.0000	0.0000	0.0000		
200	Total BL-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.0000	0.0000	0.0000		

PCB No.	PCB Name	Area	Height	Width	Volume	Weight	Length	Width	Height	Volume	Weight
13	PCB-10	20.70	20.77	1.00e6	1.00e6	1.000	1.12	NO	0.20000	0.20000	
13	PCB-30	24.00	24.00	2.00e6	2.00e6	1.000	1.15	NO	0.20000	0.20010	
14	PCB-10	20.40	20.40	2.00e6	1.00e6	1.000	1.07	NO	0.20000	0.20011	
15	PCB-17	20.00	20.00	1.70e6	1.70e6	1.000	1.06	NO	0.20000	0.20000	
16	PCB-247	20.20	20.22	5.00e6	4.00e6	1.000	1.01	NO	0.07000	0.07000	
17	PCB-1000	20.70	20.70	4.00e6	4.00e6	1.000	1.07	NO	0.00000	0.00000	

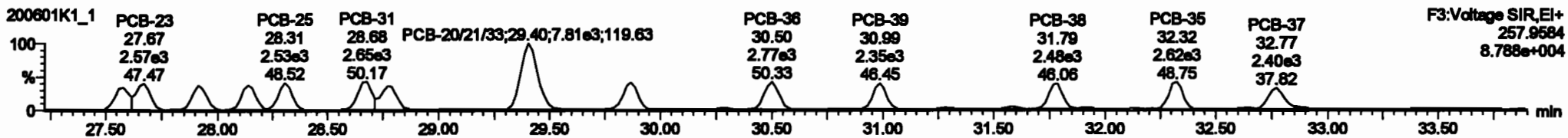
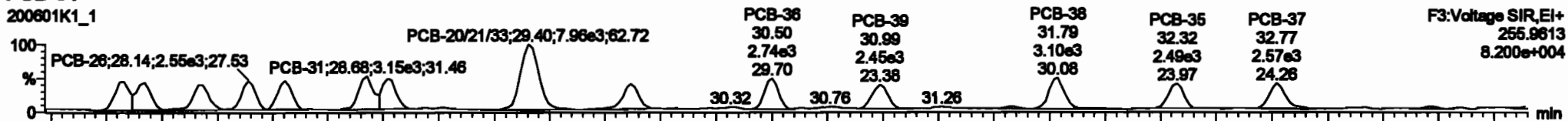


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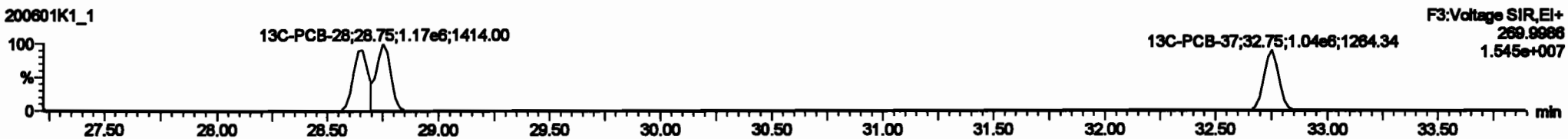
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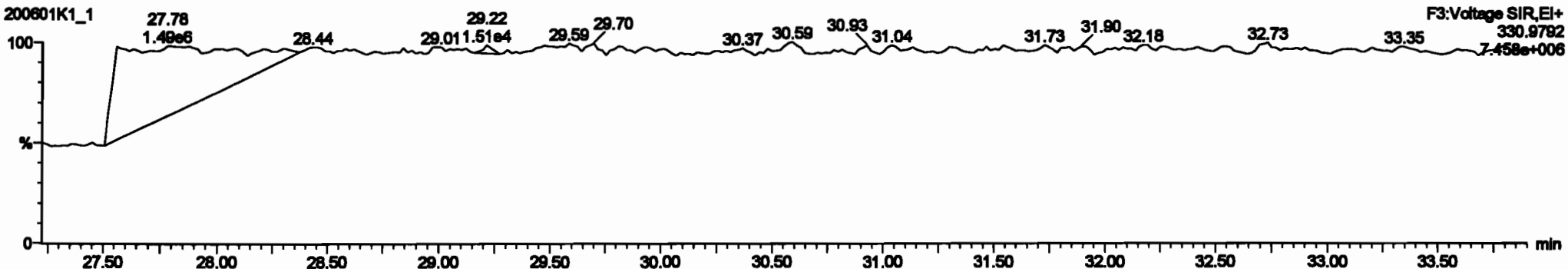
PCB-34



13C-PCB-28



PFK3d

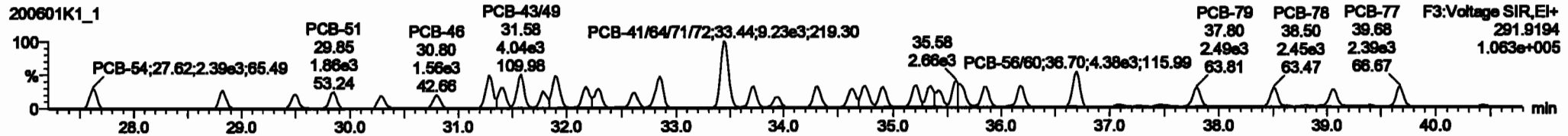
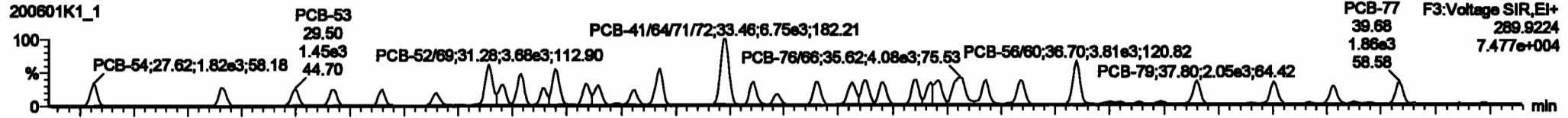


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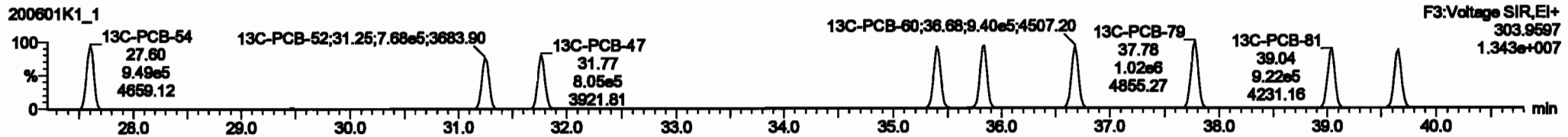
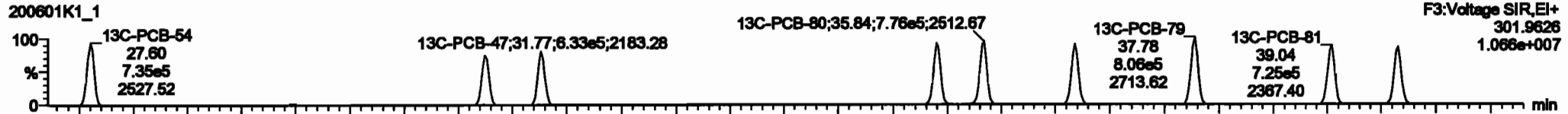
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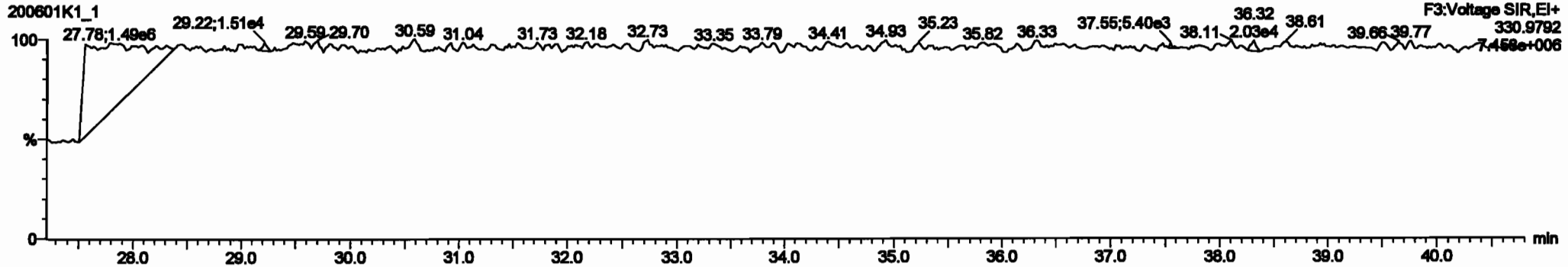
PCB-54



13C-PCB-54



PFK3a



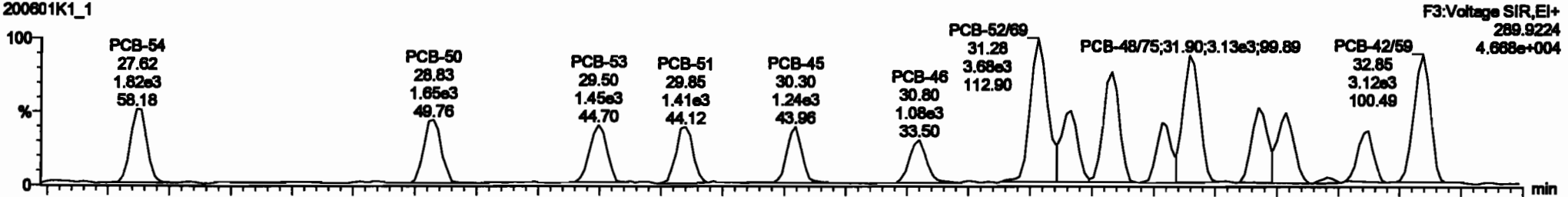
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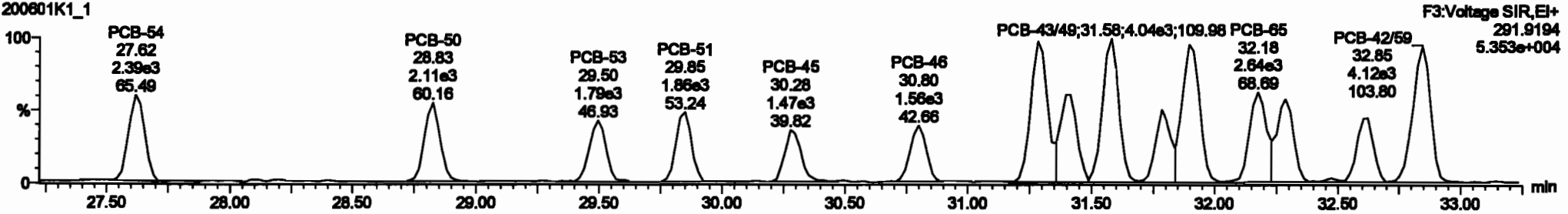
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PCB-50

200601K1_1

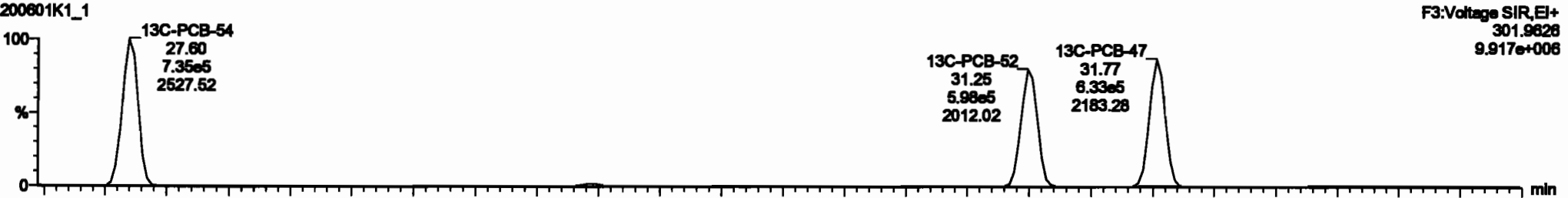


200601K1_1

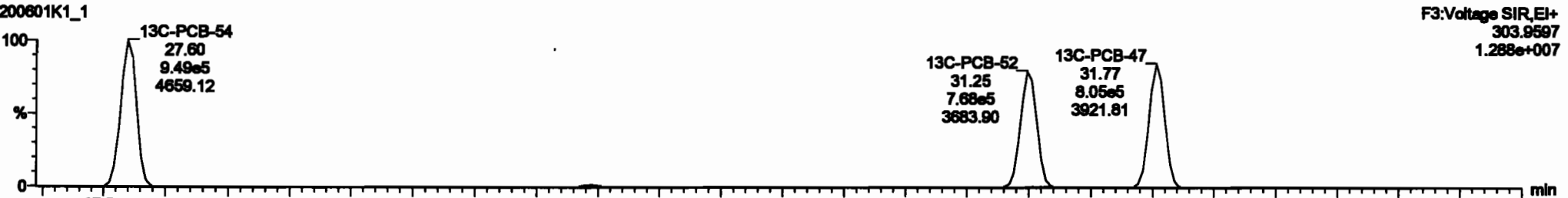


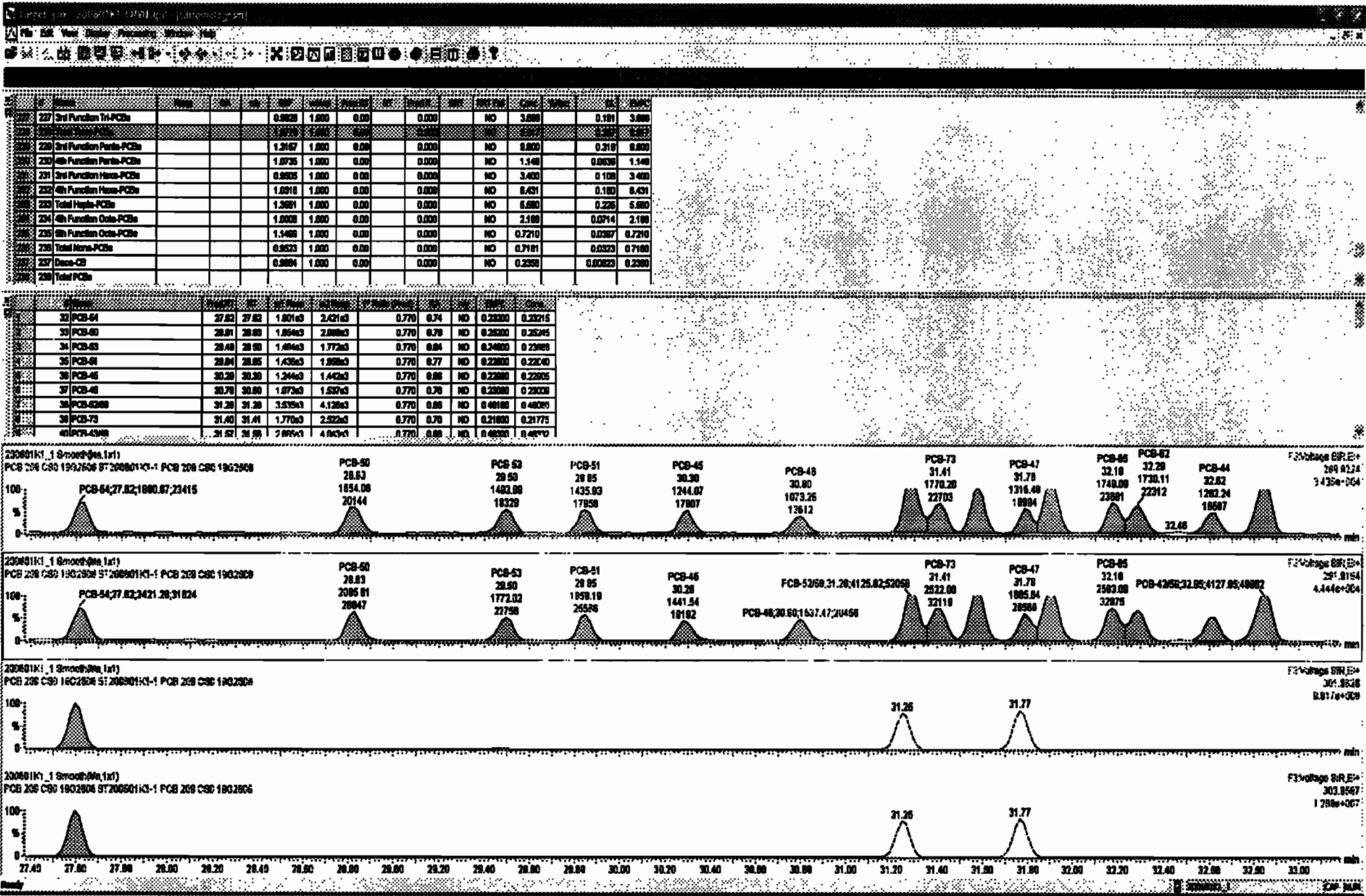
13C-PCB-52

200601K1_1



200601K1_1



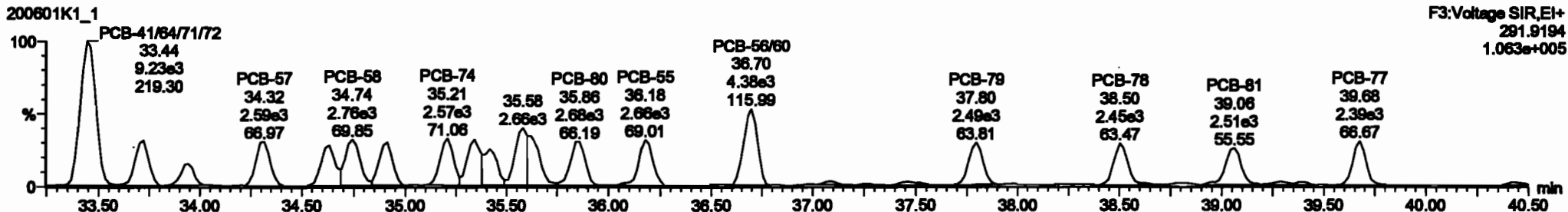
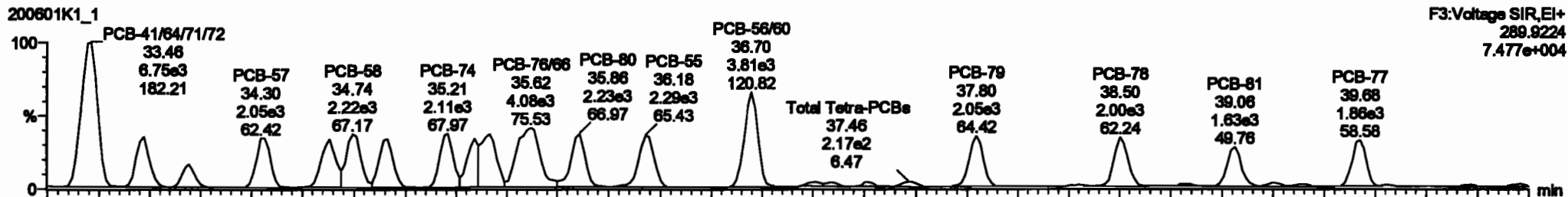


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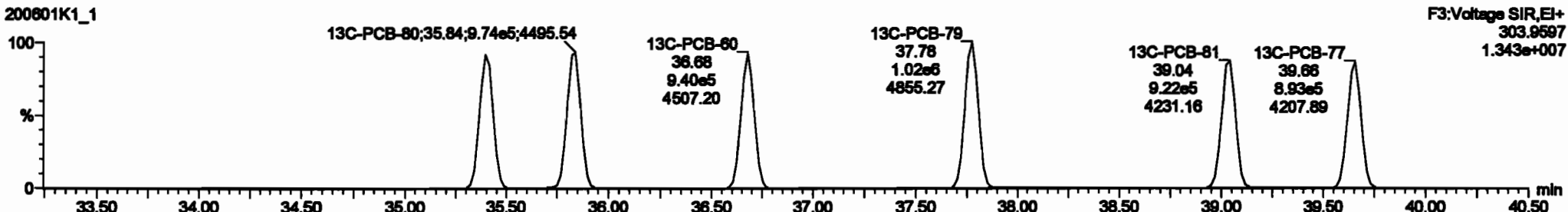
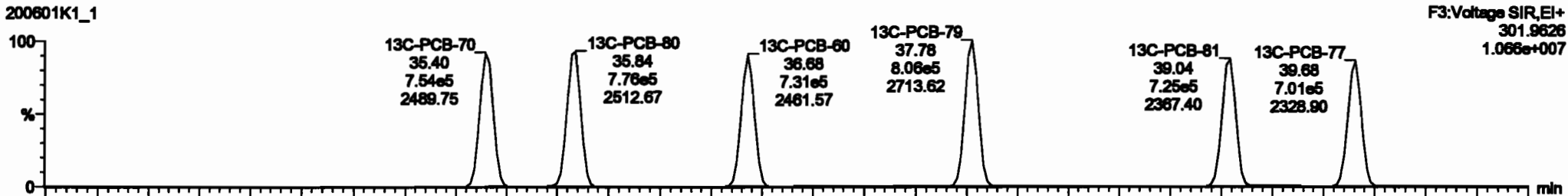
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Name: 200601K1_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

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13C-PCB-60

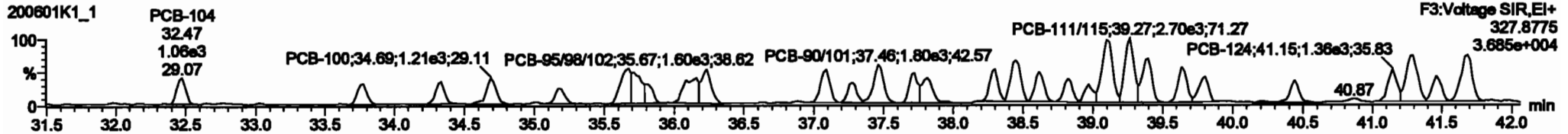
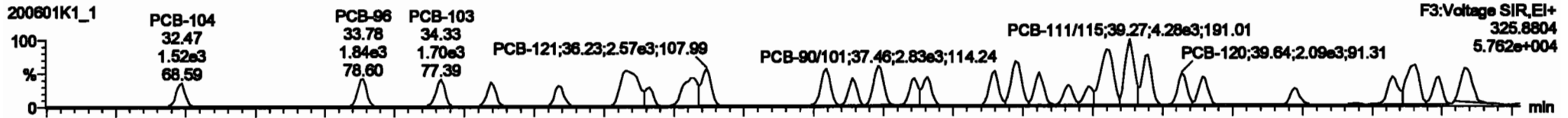


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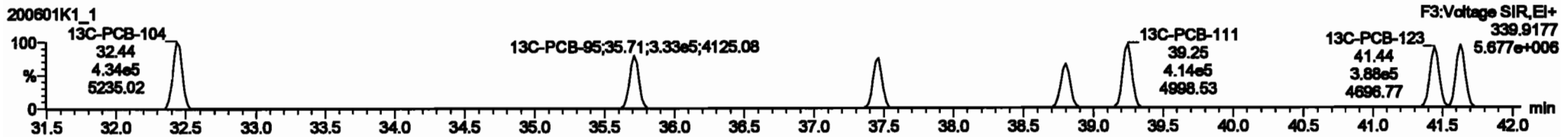
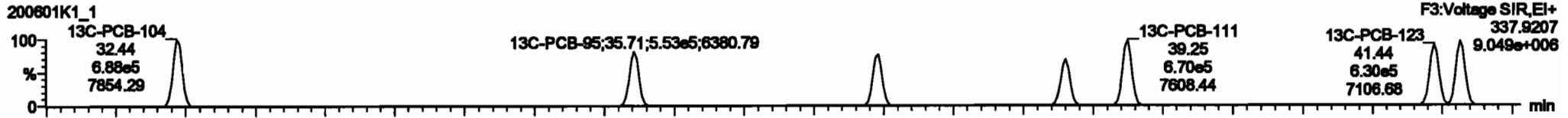
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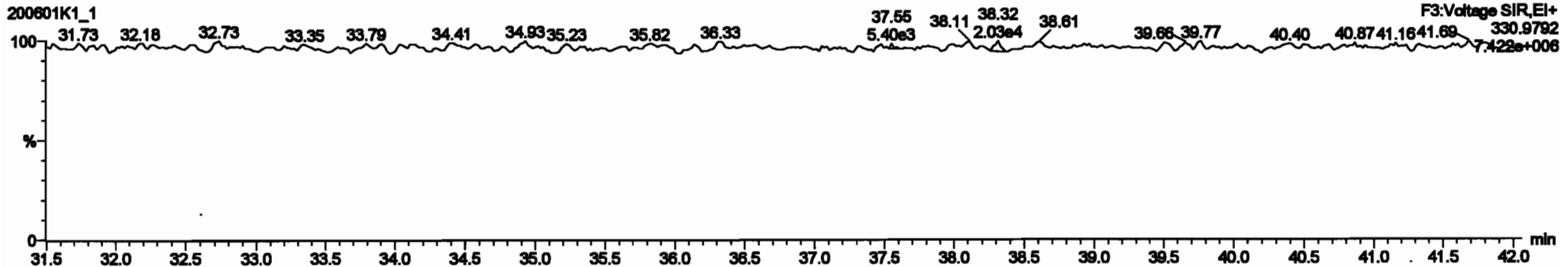
PCB-104



13C-PCB-104



PFK3b

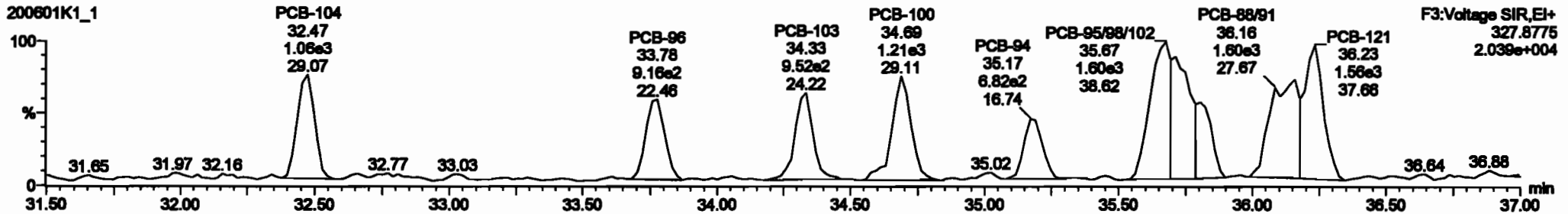
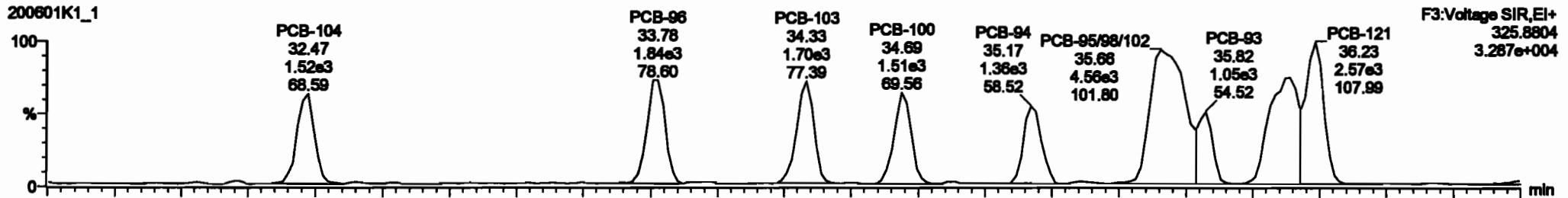


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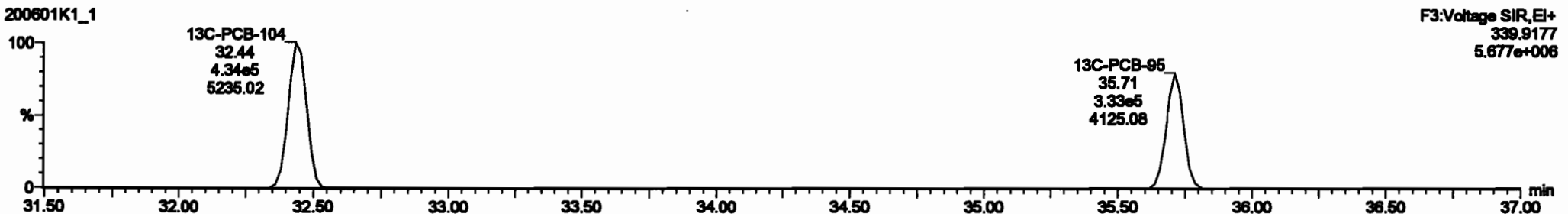
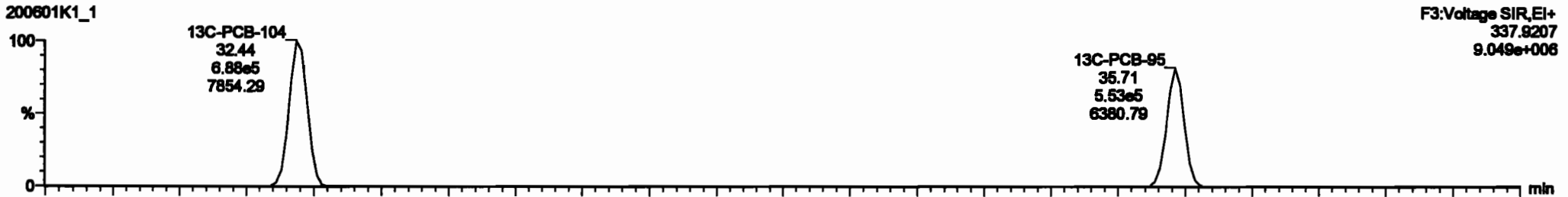
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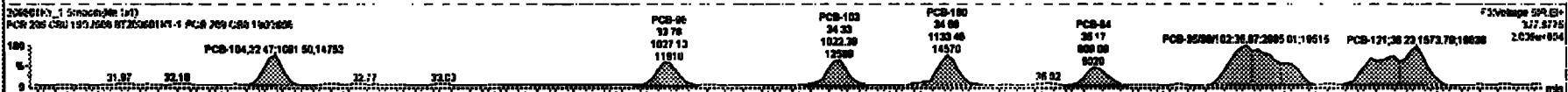


13C-PCB-95



Item	Mass	Area	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit
227 2nd Function TAPCbs					0.8928	1.000	0.00		0.000		NO	3.680		0.5191	3.680			
228 Total TAPCbs					1.0776	1.000	0.00		0.000		NO	0.917		0.287	0.917			
229 4th Function Para-PCBs					1.0726	1.000	0.00		0.000		NO	1.448		0.2838	1.448			
230 2nd Function Meta-PCBs					0.8928	1.000	0.00		0.000		NO	3.680		0.5191	3.680			
231 4th Function Meta-PCBs					1.0718	1.000	0.00		0.000		NO	0.421		0.180	0.421			
232 Total Meta-PCBs					1.2691	1.000	0.00		0.000		NO	0.680		0.225	0.680			
233 4th Function Otho-PCBs					1.0000	1.000	0.00		0.000		NO	2.188		0.0714	2.188			
234 8th Function Otho-PCBs					1.1488	1.000	0.00		0.000		NO	0.7210		0.0887	0.7210			
235 Total Otho-PCBs					0.8928	1.000	0.00		0.000		NO	0.2181		0.0023	0.2181			
236 Dioxin-Cb					0.8981	1.000	0.00		0.000		NO	0.2888		0.0022	0.2888			
237 Total PCBs																		

Item	Peak No	RT	Area	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit	Conc	Unit
04 PCB-104	32.48	32.47	1.891e3	1.001e3	1.888	1.37	NO	0.20800	0.20800								
05 PCB-99	32.76	32.76	1.871e3	1.027e3	1.868	1.77	NO	0.22000	0.21957								
06 PCB-103	34.30	34.30	1.894e3	1.022e3	1.888	1.88	NO	0.28800	0.28877								
07 PCB-100	34.87	34.88	1.894e3	1.120e3	1.888	1.33	NO	0.24700	0.24676								
08 PCB-84	35.18	35.17	1.282e3	0.091e3	1.888	1.87	NO	0.28700	0.28888								
09 PCB-95/98/102	35.87	35.88	4.894e3	2.888e3	1.888	1.83	NO	0.70400	0.70414								
10 PCB-88	35.76	35.82	1.048e3	7.288e2	1.888	1.42	NO	0.21800	0.21812								
11 PCB-99/91	35.14	35.14	2.882e3	1.854e3	1.888	1.77	NO	0.48800	0.48882								
12 PCB-121	35.30	35.30	2.874e3	1.874e3	1.888	1.84	NO	0.27800	0.27882								



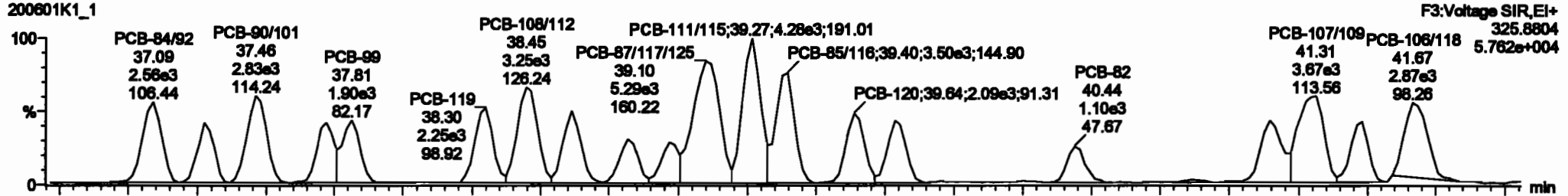
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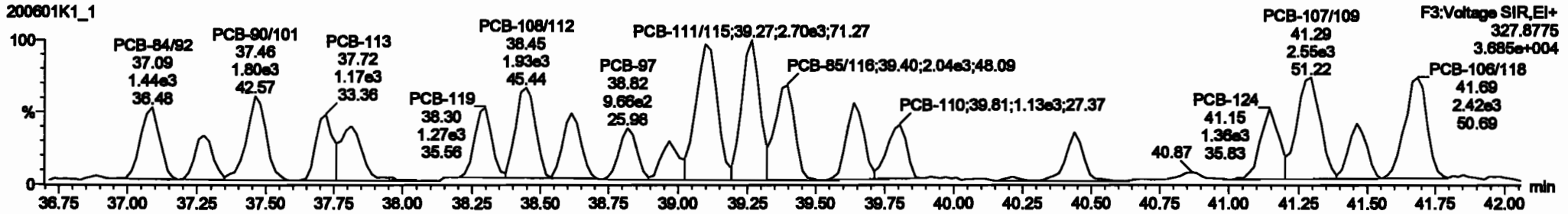
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PCB-119

200801K1_1

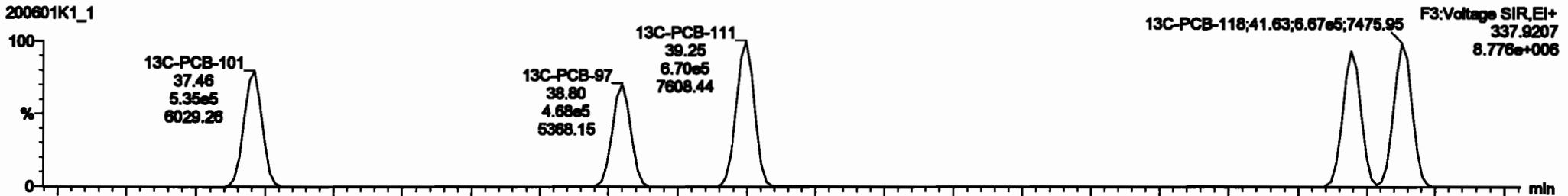


200801K1_1

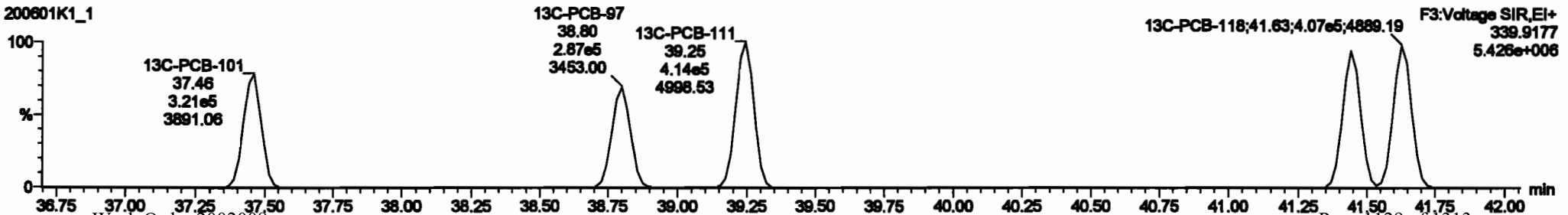


13C-PCB-111

200801K1_1

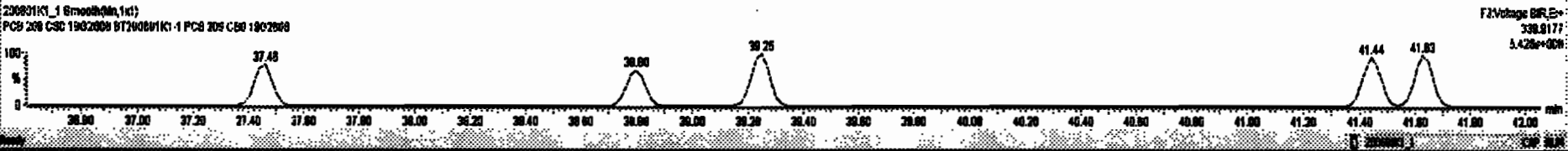
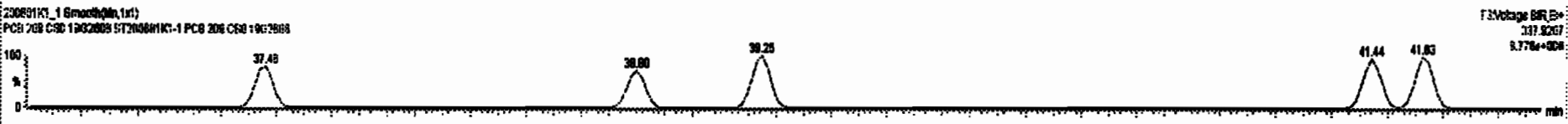
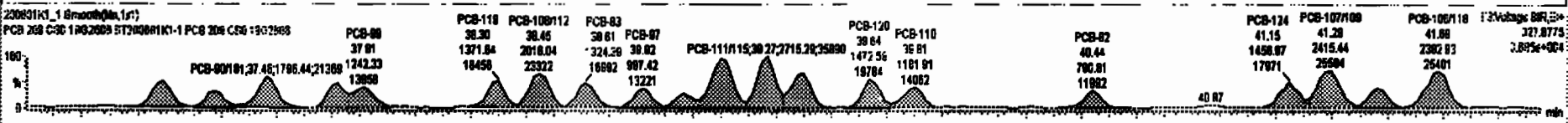
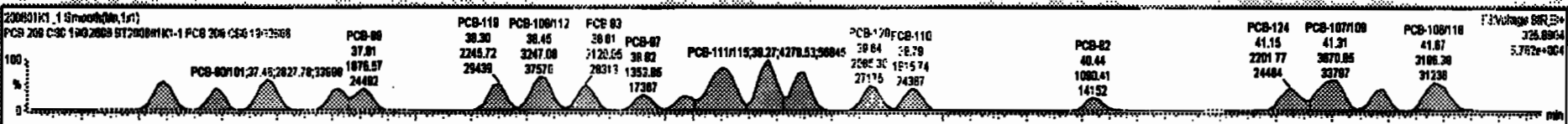


200801K1_1



#	Name	Mass	RA	RG	RM	Value	Percent	ST	Photo	HT	HT Pos	Count	Area	GC	Area%
227	2nd Function T6-PCBs					0.0028	1.000	0.00	0.000	ND		3.000		0.191	3.000
228	Total T6s-PCBs					1.0778	1.000	0.00	0.000	ND		0.917		0.267	0.917
229	3rd Function Para-PCBs					1.0957	1.000	0.00	0.000	ND		2.000		0.269	2.000
230	4th Function Para-PCBs					1.0736	1.000	0.00	0.000	ND		1.140		0.0636	1.140
231	2nd Function Hesa-PCBs					0.0005	1.000	0.00	0.000	ND		3.400		0.100	3.400
232	4th Function Hesa-PCBs					1.0910	1.000	0.00	0.000	ND		0.431		0.160	0.431
233	Total Hesa-PCBs					1.0901	1.000	0.00	0.000	ND		0.500		0.225	0.500
234	4th Function Octa-PCBs					1.0008	1.000	0.00	0.000	ND		2.100		0.0714	2.100
235	6th Function Octa-PCBs					1.1400	1.000	0.00	0.000	ND		0.720		0.0307	0.720
236	Total Hesa-PCBs					0.0023	1.000	0.00	0.000	ND		0.7101		0.0023	0.7100
237	Deca-CB					0.0004	1.000	0.00	0.000	ND		0.2000		0.0000	0.2000
238	Total PCBs														

#	Name	Peak #	RT	Area	Height	Width	Area%	Height%	Width%	SNR	Area	Height	Width	Area%	Height%	Width%
64	PCB-104	32.48	32.47	1.000e3	1.001e3	1.500	1.57	ND	0.2000	0.2000						
65	PCB-88	33.78	33.78	1.000e3	1.022e3	1.500	1.77	ND	0.2200	0.21957						
66	PCB-103	34.30	34.33	1.000e3	1.022e3	1.500	1.86	ND	0.2000	0.20077						
67	PCB-100	34.67	34.69	1.000e3	1.133e3	1.500	1.33	ND	0.2470	0.24676						
68	PCB-84	35.18	35.17	1.352e3	0.001e2	1.500	1.07	ND	0.2570	0.25000						
69	PCB-89/90/102	35.67	35.66	4.531e3	2.905e3	1.500	1.52	ND	0.7040	0.70414						
70	PCB-80	36.78	36.82	1.040e3	7.300e2	1.500	1.42	ND	0.2160	0.21912						
71	PCB-89/91	38.14	38.14	2.022e3	1.054e3	1.500	1.77	ND	0.4050	0.40462						
72	PCB-121	38.23	38.23	7.575e3	1.574e3	1.500	1.04	ND	0.2740	0.27302						

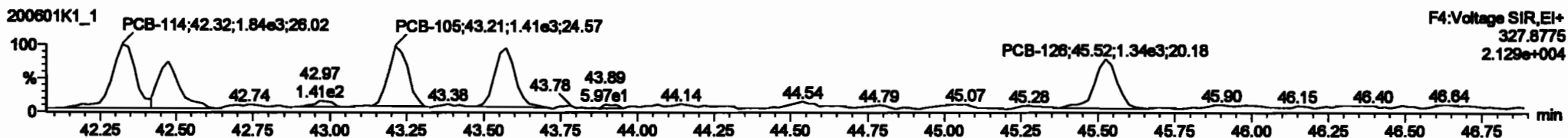
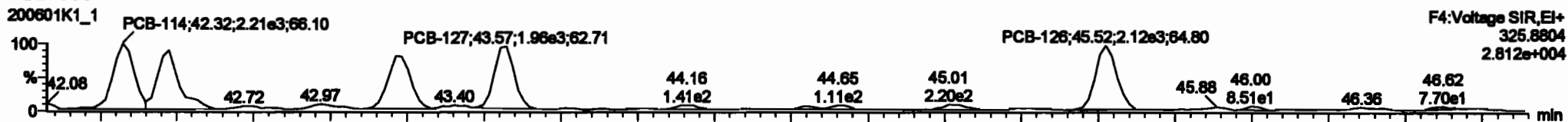


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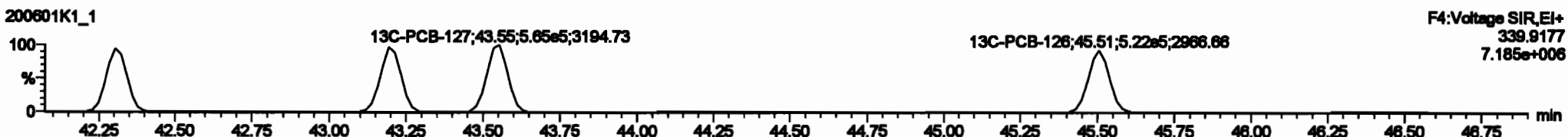
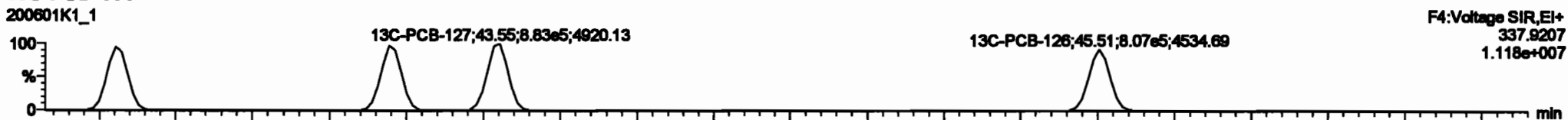
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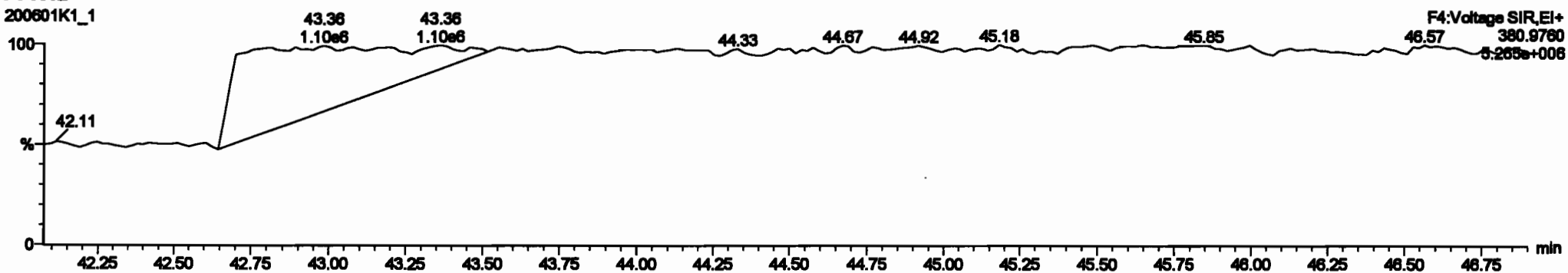
PCB-114



13C-PCB-114

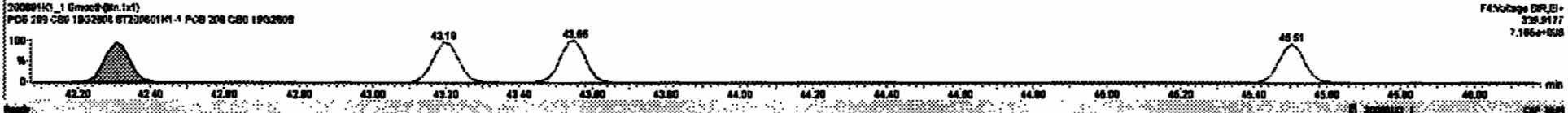
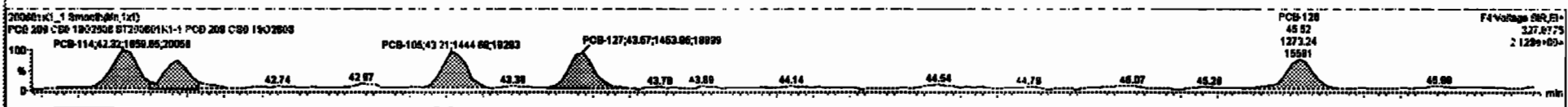
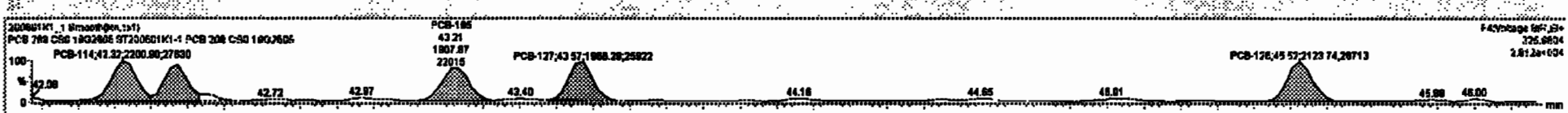


PFK4a



#	Mass	Area	Height	Width	Retention	Response	Conc	Unit	Mass	Area	Height	Width	Retention	Response	Conc	Unit
227	2nd Function Tri-PCBs				0.8828	1.000	0.00		0.800	NO	3.888			0.101	3.888	
228	Total Tri-PCBs				1.8778	1.000	0.00		0.800	NO	0.817			0.287	0.817	
229	2nd Function Para-PCBs				1.2157	1.000	0.00		0.800	NO	0.800			0.318	0.800	
230	Total Para-PCBs				1.2157	1.000	0.00		0.800	NO	0.800			0.318	0.800	
231	2nd Function Hexa-PCBs				0.8808	1.000	0.00		0.800	NO	3.400			0.108	3.400	
232	6th Function Hexa-PCBs				1.0318	1.000	0.00		0.800	NO	6.431			0.180	6.431	
233	Total Hexa-PCBs				1.2891	1.000	0.00		0.800	NO	5.880			0.228	5.880	
234	6th Function Octa-PCBs				1.0008	1.000	0.00		0.800	NO	2.188			0.614	2.188	
235	8th Function Octa-PCBs				1.1488	1.000	0.00		0.800	NO	0.7210			0.089	0.7210	
236	Total Octa-PCBs				0.8828	1.000	0.00		0.800	NO	0.7101			0.028	0.7101	
237	Diox-CB				0.8804	1.000	0.00		0.800	NO	0.2088			0.0623	0.2088	
238	Total PCBs															

#	Mass	Area	Height	Width	Retention	Response	Conc	Unit	Mass	Area	Height	Width	Retention	Response	Conc	Unit
88	PCB-114	42.28	42.22	2.201e3	1.890e3	1.880	1.35	NO	0.23800	0.26817						
89	PCB-122	42.67	42.67	1.822e3	1.138e3	1.880	1.81	NO	0.23100	0.23888						
86	PCB-105	43.21	43.21	1.888e3	1.448e3	1.880	1.32	NO	0.22800	0.22776						
88	PCB-127	43.57	43.57	1.888e3	1.454e3	1.880	1.38	NO	0.22300	0.22285						
87	PCB-128	45.82	45.82	2.124e3	1.378e3	1.880	1.87	NO	0.21800	0.21838						



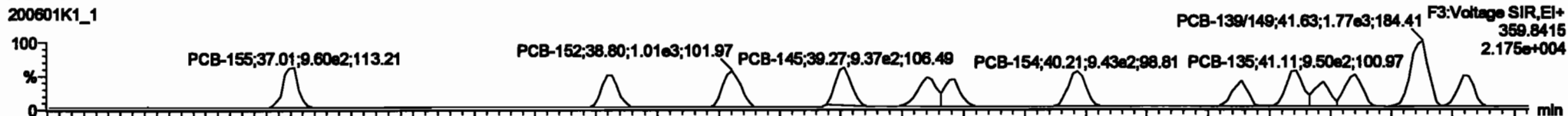
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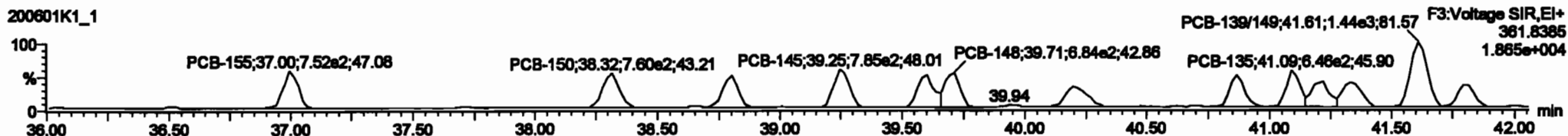
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PCB-155

200601K1_1



200601K1_1

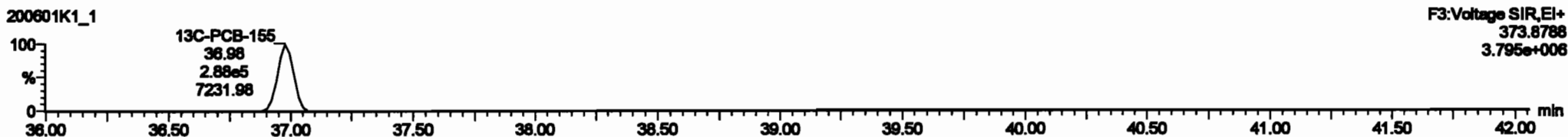


13C-PCB-155

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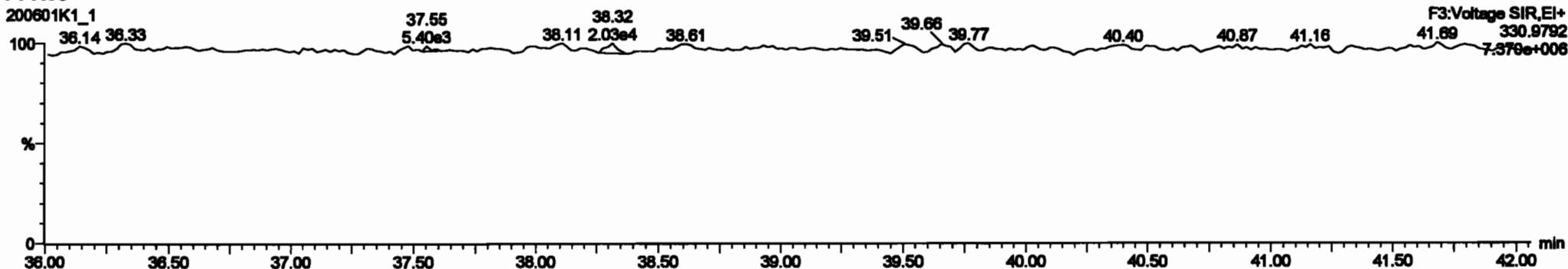


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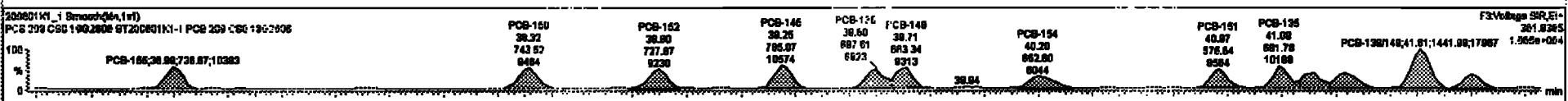
PFK3c

200601K1_1



#	Phase	Mass	CA	CP	PP	CP/PP	CP/CA	CP/CP	CP/PP	CP/CA	CP/CP	CP/PP	CP/CA	CP/CP
227	2nd Function Tri-PCBs				0.8828	1.000	0.00	0.000	NO	3.888		0.181	3.888	
228	Total Tri-PCBs				1.2778	1.000	0.00	0.000	NO	8.917		0.287	8.917	
229	2nd Function Penta-PCBs				1.3187	1.000	0.00	0.000	NO	8.800		0.318	8.800	
230	4th Function Penta-PCBs				1.0738	1.000	0.00	0.000	NO	1.148		0.0538	1.148	
231	Total Penta-PCBs				2.3925	1.000	0.00	0.000	NO	9.948		0.372	9.948	
232	4th Function Hexa-PCBs				1.3318	1.000	0.00	0.000	NO	6.431		0.180	6.431	
233	Total Hexa-PCBs				1.3881	1.000	0.00	0.000	NO	6.880		0.225	6.880	
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	NO	2.188		0.0714	2.188	
235	6th Function Octa-PCBs				1.1488	1.000	0.00	0.000	NO	0.7210		0.0287	0.7210	
236	Total Octa-PCBs				0.8828	1.000	0.00	0.000	NO	0.7181		0.0328	0.7181	
237	Deca-Cl				0.9884	1.000	0.00	0.000	NO	0.2388		0.00828	0.2388	
238	Total PCBs													

#	Phase	Mass	CA	CP	PP	CP/PP	CP/CA	CP/CP	CP/PP	CP/CA	CP/CP	CP/PP	CP/CA	CP/CP
89	PCB-148	38.30	37.01	8.801e2	7.387e2	1.240	1.30	NO	0.24700	0.24732				
90	PCB-150	38.30	38.30	8.464e2	7.435e2	1.240	1.14	NO	0.22300	0.22310				
100	PCB-152	38.80	38.80	8.898e2	7.278e2	1.240	1.37	NO	0.22100	0.22078				
101	PCB-145	38.27	38.27	1.018e2	7.881e2	1.240	1.30	NO	0.28100	0.28080				
102	PCB-138	38.80	38.80	8.158e2	8.878e2	1.240	1.18	NO	0.22400	0.22404				
103	PCB-148	38.71	38.71	7.081e2	8.838e2	1.240	1.05	NO	0.24800	0.24844				
104	PCB-154	40.21	40.22	8.078e2	8.538e2	1.240	1.38	NO	0.25800	0.25830				
105	PCB-151	40.88	40.88	8.188e2	8.738e2	1.240	1.07	NO	0.28100	0.28088				
106	PCB-138	41.11	41.11	8.348e2	8.918e2	1.240	1.38	NO	0.28800	0.28828				



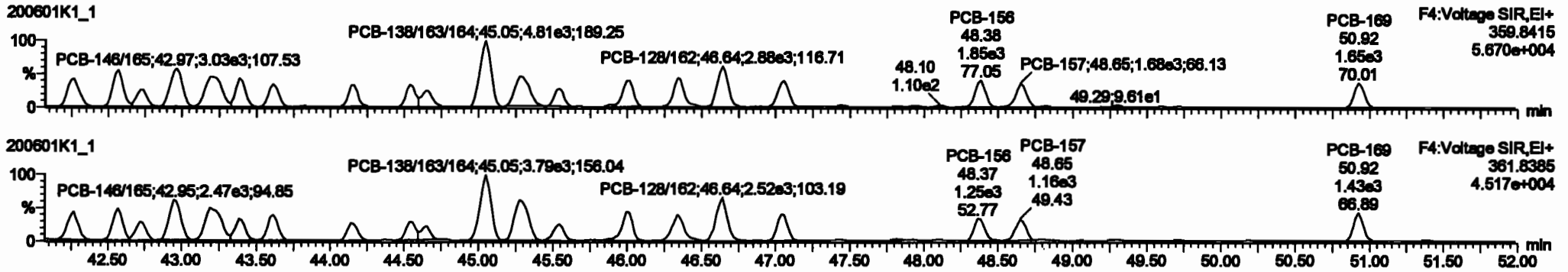
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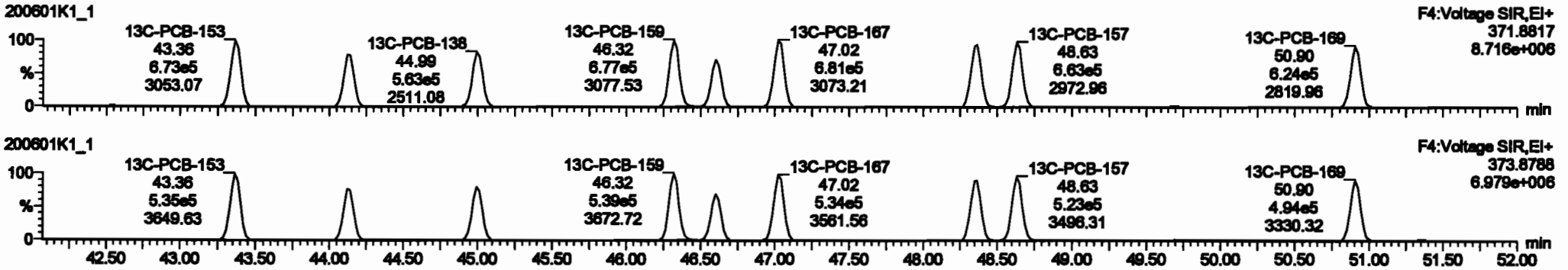
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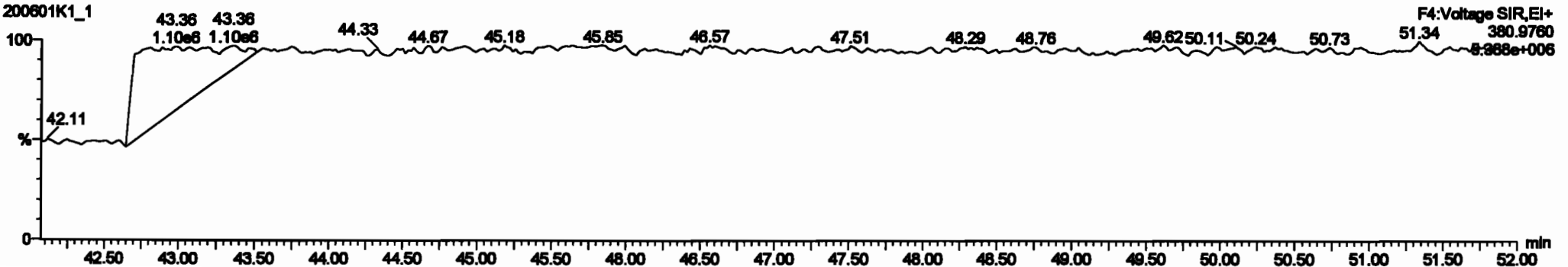
PCB-134/143



13C-PCB-153

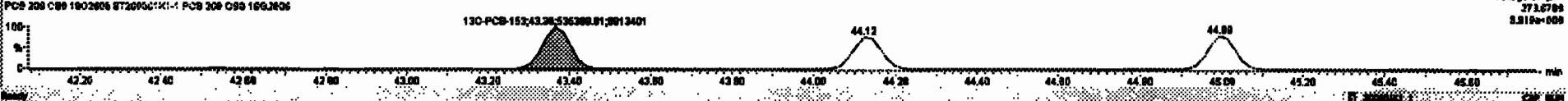
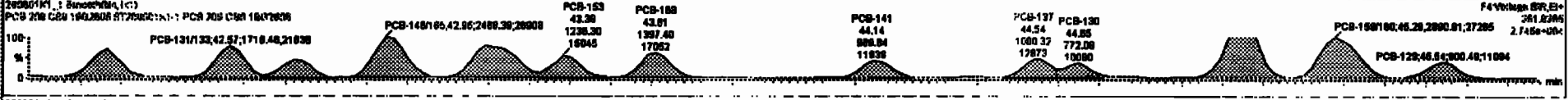


PFK4b



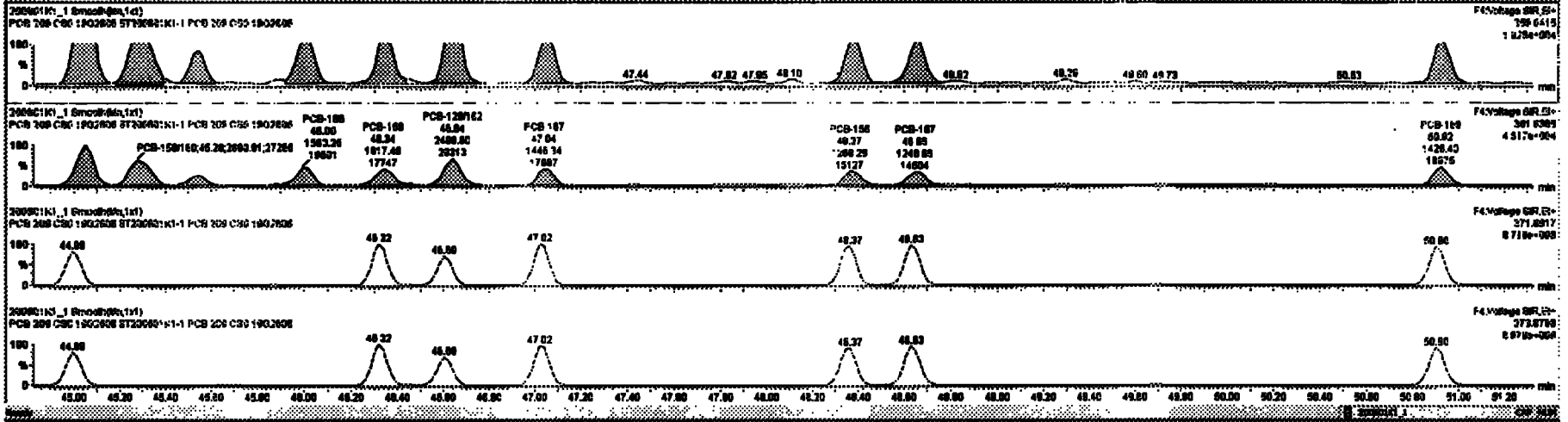
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227	3rd Function In-PCBs			0.0028	1.000	0.00		0.000	NO	3.888		0.191	3.888					
228	Total In-PCBs			1.0778	1.000	0.00		0.000	NO	8.917		0.287	8.917					
229	3rd Function Para-PCBs			1.2187	1.000	0.00		0.000	NO	8.800		0.218	8.800					
230	6th Function Para-PCBs			1.0728	1.000	0.00		0.000	NO	1.148		0.0838	1.148					
231	3rd Function Meta-PCBs			0.0003	1.000	0.00		0.000	NO	3.480		0.108	3.480					
232	6th Function Meta-PCBs			1.2132	1.000	0.00		0.000	NO	3.472		0.288	3.472					
233	Total Para-PCBs			1.2911	1.000	0.00		0.000	NO	5.980		0.223	5.980					
234	6th Function Odo-PCBs			1.0000	1.000	0.00		0.000	NO	2.188		0.9714	2.188					
235	3rd Function Odo-PCBs			1.1488	1.000	0.00		0.000	NO	0.7210		0.0887	0.7210					
236	Total Meta-PCBs			0.0023	1.000	0.00		0.000	NO	0.7191		0.0323	0.7191					
237	Dioxin-CB			0.0004	1.000	0.00		0.000	NO	0.2988		0.0023	0.2988					
238	Total PCBs																	

PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
111	PCB-134/43	42.20	42.20	2.1520	1.0000	1.240	1.20	NO	0.4080	0.4070							
112	PCB-138/33	42.80	42.87	2.4440	1.7160	1.240	1.42	NO	0.4200	0.4160							
113	PCB-142	42.72	42.72	1.2000	1.0160	1.240	1.18	NO	0.2400	0.2400							
114	PCB-148/85	42.97	42.97	3.0200	2.4800	1.240	1.28	NO	0.4470	0.4470							
115	PCB-152/81	43.30	43.10	3.2000	2.8000	1.240	1.21	NO	0.4700	0.4700							
116	PCB-158	43.30	43.30	1.7000	1.2300	1.240	1.42	NO	0.2200	0.2200							
117	PCB-168	43.81	43.81	1.2000	1.2000	1.240	1.00	NO	0.2200	0.2200							
118	PCB-141	44.14	44.14	1.2000	0.8000	1.240	1.24	NO	0.2200	0.2200							
119	PCB-137	44.84	44.84	1.2000	1.0000	1.240	1.20	NO	0.2200	0.22134							



Peak	Time	Area	Height	Width	Resolution	Integration	Signal	Baseline	Offset	Gain
227	3rd Function 16-PCBs	0.8958	1.800	0.80	0.000	ND	3.880	0.191	2.880	
228	Total Nitro-PCBs	1.0776	1.800	0.80	0.000	ND	0.817	0.287	0.817	
229	3rd Function Penta-PCBs	1.2167	1.800	0.80	0.000	ND	0.800	0.348	0.800	
230	4th Function Penta-PCBs	1.0736	1.800	0.80	0.000	ND	1.148	0.000	1.148	
231	3rd Function Hexa-PCBs	0.8958	1.800	0.80	0.000	ND	3.400	0.168	3.400	
232	Total Hexa-PCBs	1.2681	1.800	0.80	0.000	ND	0.880	0.288	0.880	
234	4th Function Octa-PCBs	1.0008	1.800	0.80	0.000	ND	2.188	0.074	2.188	
235	5th Function Octa-PCBs	1.1488	1.800	0.80	0.000	ND	0.7210	0.000	0.7210	
236	Total Nitro-PCBs	0.8958	1.800	0.80	0.000	ND	0.7191	0.000	0.7191	
237	Diene-CD	0.8958	1.800	0.80	0.000	ND	0.2988	0.000	0.2988	
238	Total PCBs									

Peak	Time	Area	Height	Width	Resolution	Integration	Signal	Baseline	Offset	Gain
111	PCB-141/43	43.28	43.28	2.180e3	1.880e3	1.240	1.28	ND	0.4000	0.4000
112	PCB-151/53	43.88	43.87	2.444e3	1.718e3	1.240	1.42	ND	0.4000	0.41880
113	PCB-142	42.72	42.72	1.280e3	1.018e3	1.240	1.18	ND	0.2000	0.2000
114	PCB-149/55	43.87	43.87	3.028e3	3.488e3	1.240	1.23	ND	0.44780	0.44780
115	PCB-129/51	43.28	43.19	2.288e3	3.884e3	1.240	1.21	ND	0.47480	0.47380
116	PCB-143	43.36	43.38	1.788e3	1.288e3	1.240	1.42	ND	0.2800	0.2800
117	PCB-148	43.81	43.81	1.888e3	1.288e3	1.240	1.08	ND	0.2800	0.2800
118	PCB-141	44.14	44.18	1.288e3	0.888e3	1.240	1.34	ND	0.2800	0.2800
119	PCB-147	44.84	44.84	1.288e3	1.000e3	1.240	1.38	ND	0.22180	0.22184



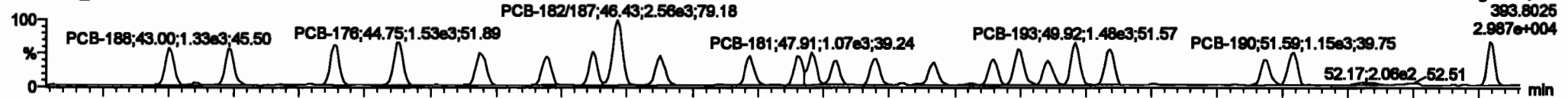
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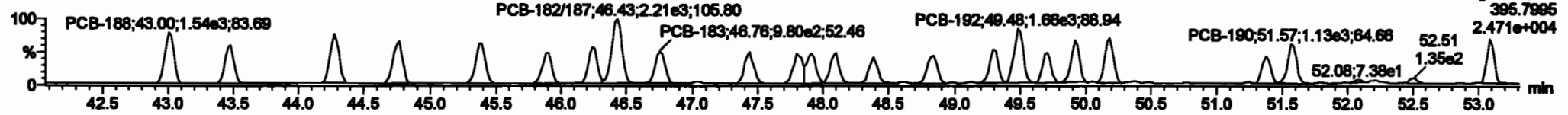
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PCB-188

200601K1_1

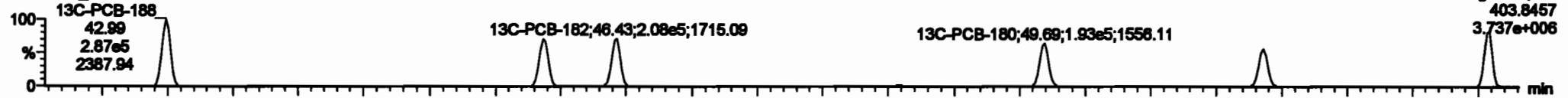


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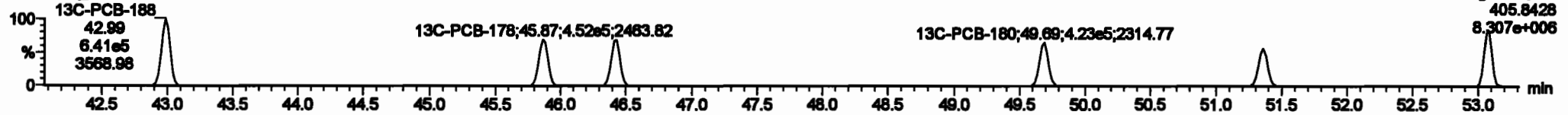


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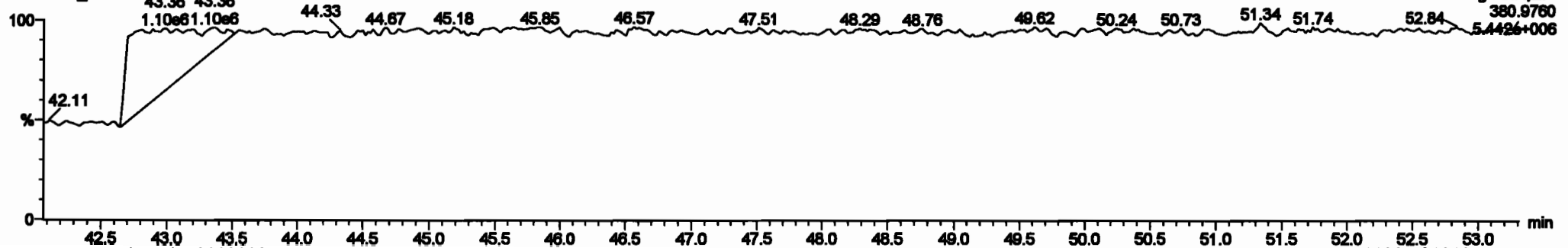


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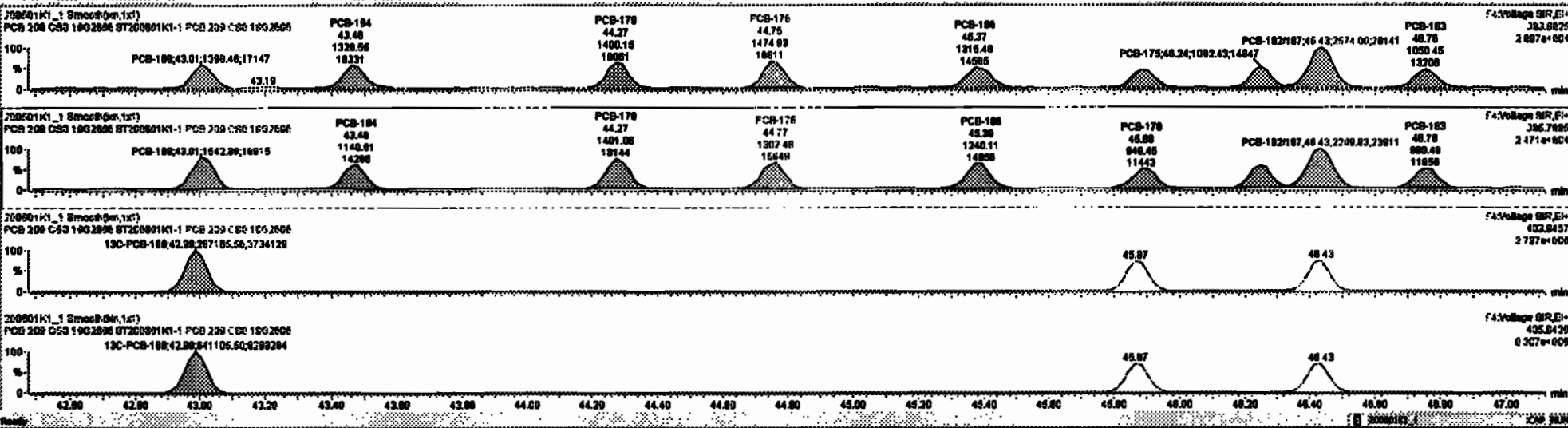
PFK4c

200601K1_1



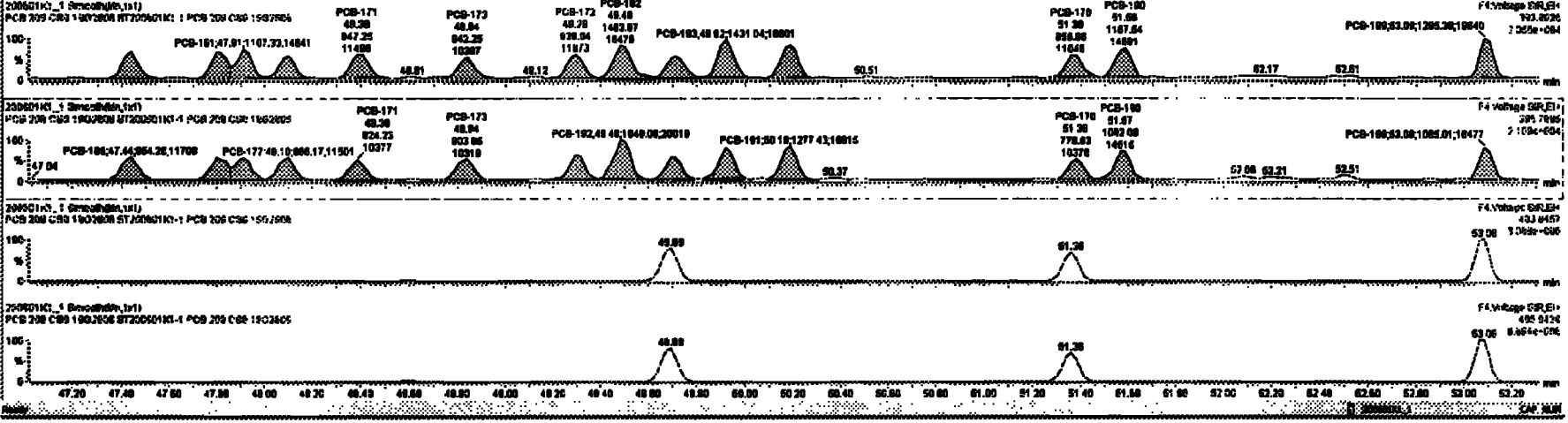
PCB	PCB Type	PCB Count	PCB Weight	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area
227	2nd Function TH-PCBs		0.9628	1.000	0.00		0.000	NO	3.880		0.181	3.880							
228	Total Tubs-PCBs		1.0779	1.000	0.00		0.000	NO	0.917		0.387	0.917							
229	2nd Function Para-PCBs		1.3157	1.000	0.00		0.000	NO	0.880		0.319	0.880							
230	4th Function Para-PCBs		1.0735	1.000	0.00		0.000	NO	1.148		0.888	1.148							
231	2nd Function Hous-PCBs		0.8505	1.000	0.00		0.000	NO	3.400		0.108	3.400							
232	4th Function Hous-PCBs		1.0318	1.000	0.00		0.000	NO	0.431		0.180	0.431							
233	PCB-188		1.3951	1.000	0.00		0.000	NO	2.200		0.200	2.200							
234	4th Function Ods-PCBs		1.0008	1.000	0.00		0.000	NO	2.180		0.014	2.180							
235	8th Function Ods-PCBs		1.1488	1.000	0.00		0.000	NO	0.7210		0.0897	0.7210							
236	Total Misc-PCBs		0.9523	1.000	0.00		0.000	NO	0.7181		0.0523	0.7180							
237	Dens-GB		0.8894	1.000	0.00		0.000	NO	0.2888		0.08823	0.2888							
238	Total PCBs																		

PCB	PCB Type	PCB Count	PCB Weight	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area
131	PCB-188		43.03	43.01	1.288e3	1.890e3	1.000	0.91	NO	0.24800	0.24800								
132	PCB-184		43.48	43.48	1.288e3	1.141e3	1.000	1.18	NO	0.21600	0.21600								
133	PCB-178		44.27	44.27	1.490e3	1.891e3	1.000	1.00	NO	0.23200	0.23200								
134	PCB-176		44.74	44.75	1.478e3	1.302e3	1.000	1.13	NO	0.22800	0.22800								
135	PCB-186		45.38	45.37	1.218e3	1.240e3	1.000	1.06	NO	0.20700	0.20715								
136	PCB-178		45.80	45.88	1.088e3	0.888e3	1.000	1.78	NO	0.22700	0.22708								
137	PCB-176		46.24	46.24	1.882e3	1.088e3	1.000	1.01	NO	0.24200	0.24248								
138	PCB-182187		46.42	46.43	2.674e3	2.210e3	1.000	1.18	NO	0.48300	0.48337								
139	PCB-183		46.78	46.78	1.850e3	0.828e3	1.000	1.07	NO	0.21400	0.21381								



Name	Area	Vol	Conc	Unit	Method	Result	Ref	Pass/Fail	Unit	Area	Vol	Conc	Unit
227 Shell Function Tri-PCBs	0.9828	1.000	0.00			0.000	NO	3.880		0.191	3.880		
228 Total Tri-PCBs	1.0770	1.000	0.00			0.000	NO	8.017		0.287	8.017		
229 Shell Function Penta-PCBs	1.3167	1.000	0.00			0.000	NO	8.800		0.310	8.800		
230 4th Function Penta-PCBs	1.0728	1.000	0.00			0.000	NO	1.148		0.026	1.148		
231 Shell Function Hexa-PCBs	0.8805	1.000	0.00			0.000	NO	3.400		0.100	3.400		
232 4th Function Hexa-PCBs	1.0918	1.000	0.00			0.000	NO	6.491		0.180	6.491		
233 Total Hexa-PCBs	1.9723	1.000	0.00			0.000	NO	9.891		0.272	9.891		
234 4th Function Octa-PCBs	1.0000	1.000	0.00			0.000	NO	2.100		0.071	2.100		
235 6th Function Octa-PCBs	1.1488	1.000	0.00			0.000	NO	0.7210		0.0207	0.7210		
236 Total Octa-PCBs	0.8823	1.000	0.00			0.000	NO	0.7101		0.0203	0.7101		
237 Chl-a-CB	0.8884	1.000	0.00			0.000	NO	0.2880		0.0020	0.2880		
238 Total PCBs													

Name	Area	Vol	Conc	Unit	Method	Result	Ref	Pass/Fail	Unit	Area	Vol	Conc	Unit
131 PCB-100	49.00	49.01	1.380e3	1.543e3	1.000	0.81	NO	0.24800		0.34880			
132 PCB-104	43.40	43.48	1.328e3	1.514e3	1.000	1.18	NO	0.21800		0.31880			
133 PCB-176	44.27	44.27	1.400e3	1.490e3	1.000	1.88	NO	0.28200		0.27047			
134 PCB-178	44.74	44.75	1.478e3	1.200e3	1.000	1.13	NO	0.22800		0.22864			
135 PCB-188	45.28	45.37	1.318e3	1.248e3	1.000	1.88	NO	0.20700		0.20718			
136 PCB-178	45.80	45.80	1.088e3	0.800e3	1.000	1.88	NO	0.20700		0.22708			
137 PCB-178	48.24	48.24	1.382e3	1.288e3	1.000	1.81	NO	0.24200		0.24240			
138 PCB-188/87	48.43	48.43	2.874e3	2.218e3	1.000	1.18	NO	0.48200		0.48287			
139 PCB-188	48.78	48.78	1.582e3	0.800e3	1.000	1.87	NO	0.21400		0.21381			



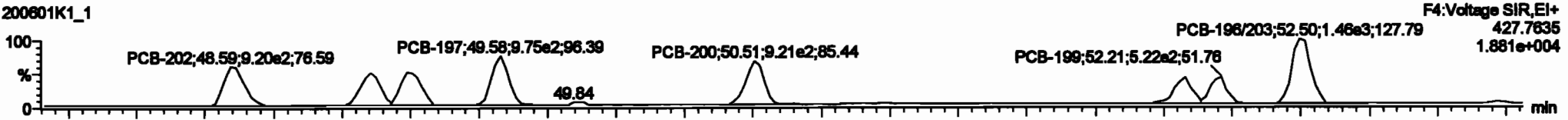
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

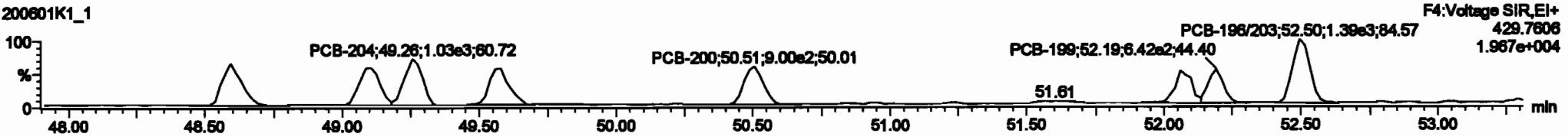
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PCB-202

200601K1_1

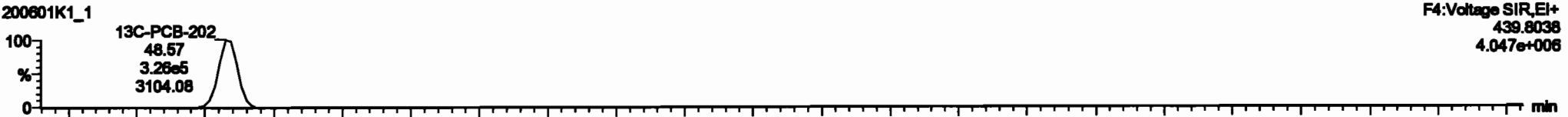


200601K1_1

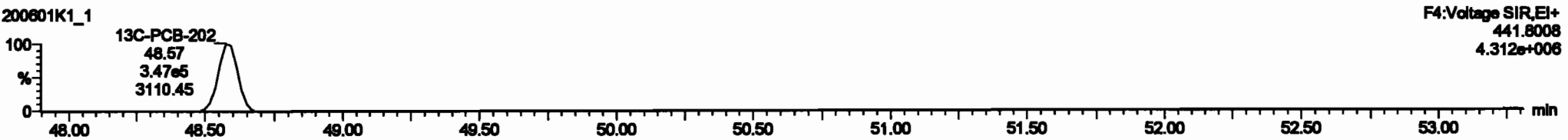


13C-PCB-202

200601K1_1

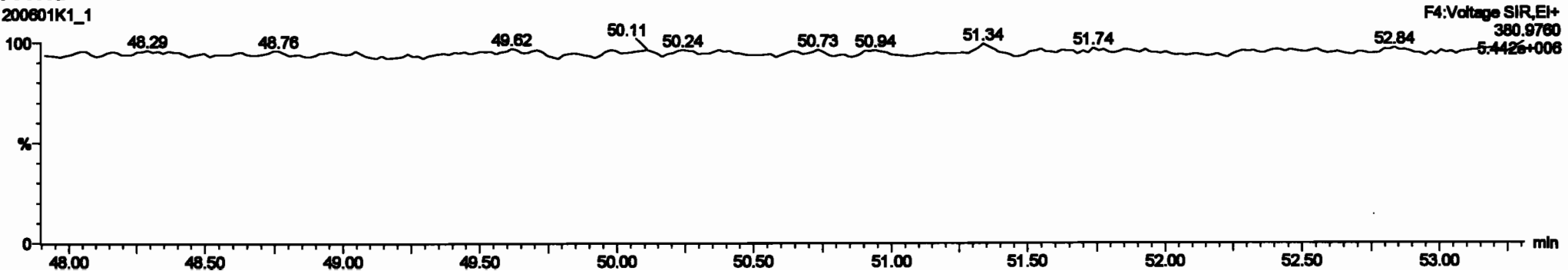


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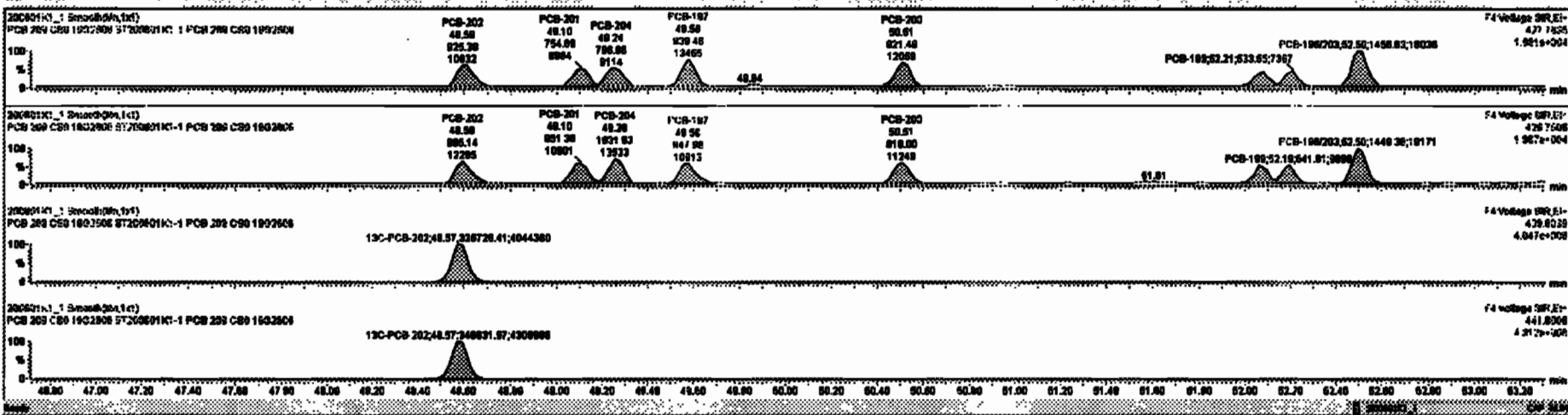
PFK4d

200601K1_1



Item	Description	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	AMOUNT	TAX	TOTAL
227	3rd Function Tr-PCBs			0.0000	1.000	0.00	0.000	NO	3.000	0.101	3.000
228	Total Trns-PCBs			1.0770	1.000	0.00	0.000	NO	0.917	0.207	0.917
229	3rd Function Parts-PCBs			1.2107	1.000	0.00	0.000	NO	0.000	0.210	0.000
230	4th Function Parts-PCBs			1.2735	1.000	0.00	0.000	NO	1.146	0.029	1.146
231	3rd Function Hous-PCBs			0.0000	1.000	0.00	0.000	NO	3.400	0.100	3.400
232	4th Function Hous-PCBs			1.0910	1.000	0.00	0.000	NO	0.431	0.180	0.431
233	Total Hous-PCBs			1.2001	1.000	0.00	0.000	NO	0.000	0.225	0.000
234	5th Function Ods-PCBs			1.1480	1.000	0.00	0.000	NO	0.710	0.020	0.710
235	Total Mamp-PCBs			0.0000	1.000	0.00	0.000	NO	0.710	0.020	0.710
237	Dues-CD			0.0000	1.000	0.00	0.000	NO	0.000	0.000	0.000
238	Total PCBs										

Item	Description	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	AMOUNT	TAX	TOTAL
184	PCB-202	48.01	48.00	0.264e2	0.001e2	0.000	0.00	NO	0.24000	0.24480	
185	PCB-201	48.00	48.10	7.047e2	0.014e2	0.000	0.70	NO	0.24100	0.24103	
186	PCB-204	48.24	48.24	7.000e2	1.023e2	0.000	0.77	NO	0.23800	0.23841	
187	PCB-197	48.00	48.00	0.000e2	0.480e2	0.000	0.00	NO	0.24000	0.24704	
188	PCB-200	00.00	00.01	0.210e2	0.100e2	0.000	1.00	NO	0.20000	0.20075	
189	PCB-199	02.00	02.00	1.400e2	0.720e2	0.000	0.00	NO	0.22000	0.22000	
190	PCB-198	02.17	02.21	0.200e2	0.410e2	0.000	0.00	NO	0.21000	0.21004	
001	PCB-100000	02.00	02.00	1.400e2	1.400e2	0.000	1.00	NO	0.01000	0.01004	



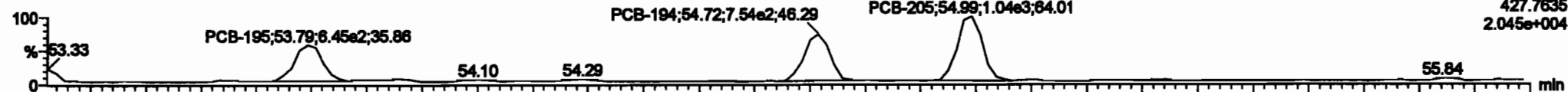
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

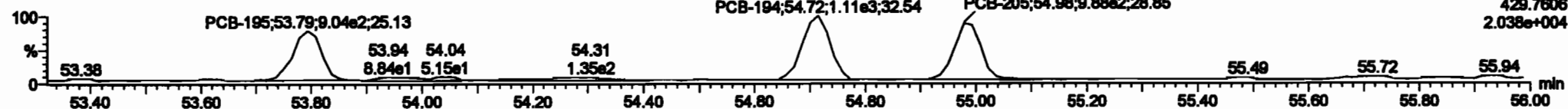
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PCB-195

200601K1_1

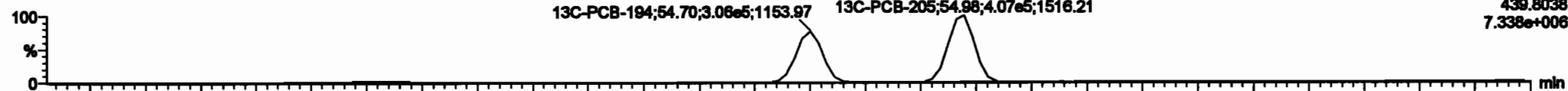


200601K1_1

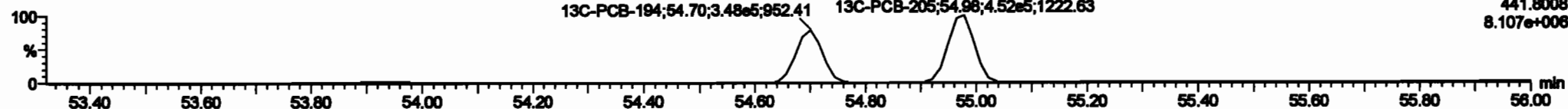


13C-PCB-194

200601K1_1

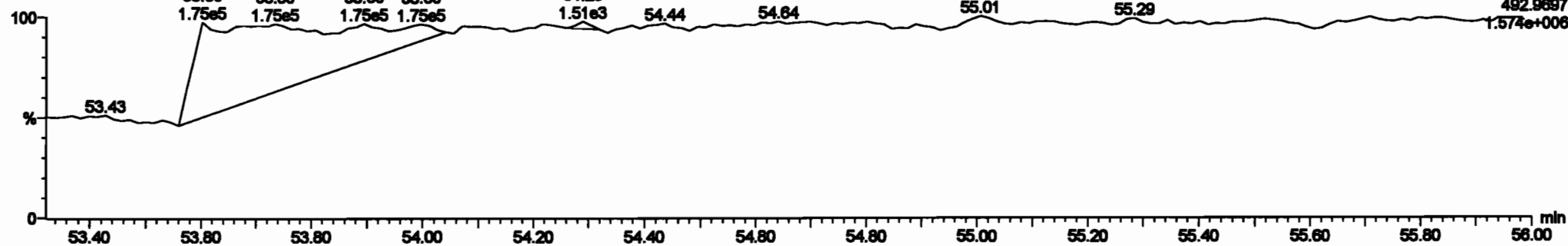


200601K1_1



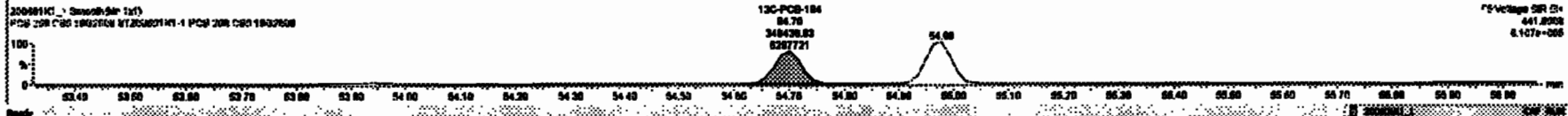
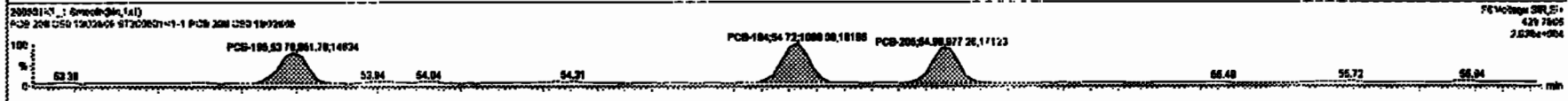
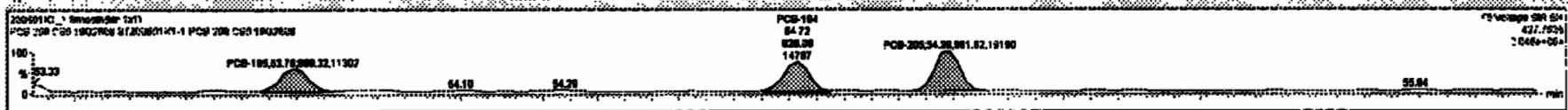
PFK5a

200601K1_1



Sample	Mass	Area	Height	Width	Retention	Response	Concentration	Unit	Volume	Mass
227 2nd Function PA-PCBs		0.0020	1.000	0.00	0.000	NO	3.000		0.101	3.000
228 1st Function PCBs		1.0776	1.000	0.00	0.000	NO	0.017		0.207	0.017
229 2nd Function PCBs		1.0767	1.000	0.00	0.000	NO	0.000		0.210	0.000
230 4th Function PCBs		1.0776	1.000	0.00	0.000	NO	1.140		0.0030	1.140
231 2nd Function Hexa-PCBs		0.0000	1.000	0.00	0.000	NO	3.400		0.100	3.400
232 4th Function Hexa-PCBs		1.0010	1.000	0.00	0.000	NO	0.401		0.100	0.401
233 1st Function PCBs		1.0001	1.000	0.00	0.000	NO	6.000		0.200	6.000
234 4th Function PCBs		1.0000	1.000	0.00	0.000	NO	2.100		0.0714	2.100
235 2nd Function PCBs		1.0000	1.000	0.00	0.000	NO	1.000		0.0333	1.000
236 1st Function PCBs		0.0020	1.000	0.00	0.000	NO	0.7101		0.0020	0.7101
237 Deca-CB		0.0004	1.000	0.00	0.000	NO	0.2000		0.0003	0.2000
238 Total PCBs										

Sample	Area	Height	Width	Retention	Response	Concentration	Unit	Volume	Mass
100 PCB-106	63.80	63.70	0.0000	0.0170	0.000	0.01	NO	0.2000	0.2000
101 PCB-104	64.72	64.72	0.0000	1.0000	0.000	0.70	NO	0.2000	0.2000
104 PCB-205	64.80	64.80	0.0100	0.7700	0.000	1.01	NO	0.2000	0.2000



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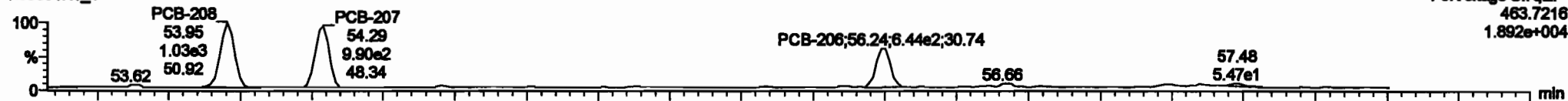
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

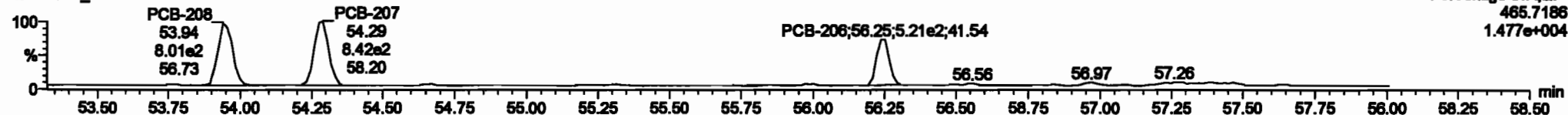
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PCB-208

200601K1_1

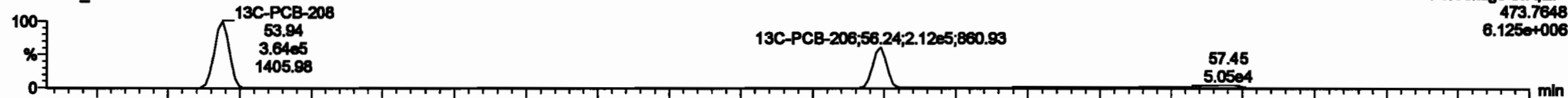


200601K1_1

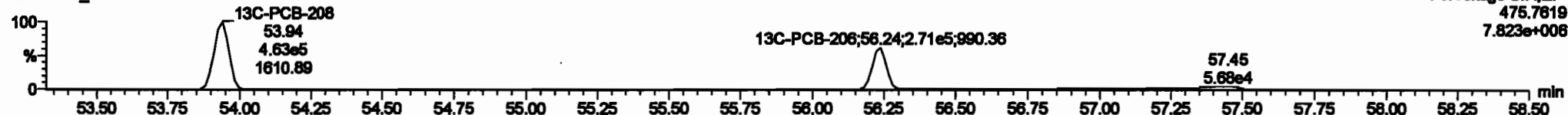


13C-PCB-208

200601K1_1

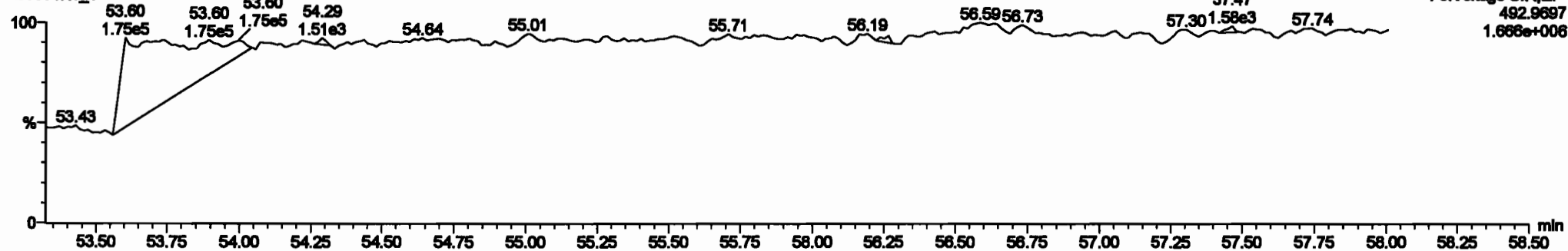


200601K1_1



PFK5

200601K1_1



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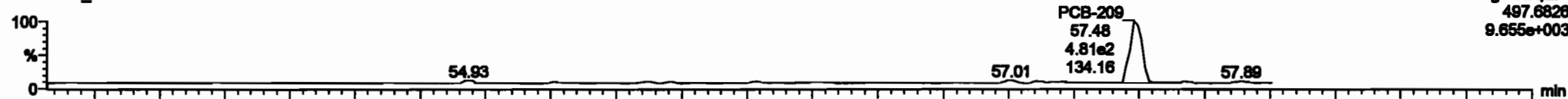
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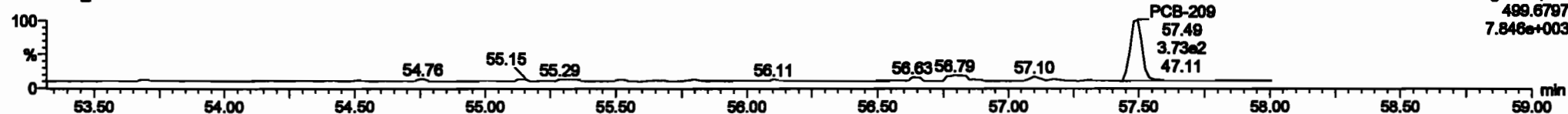
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PCB-209

200601K1_1

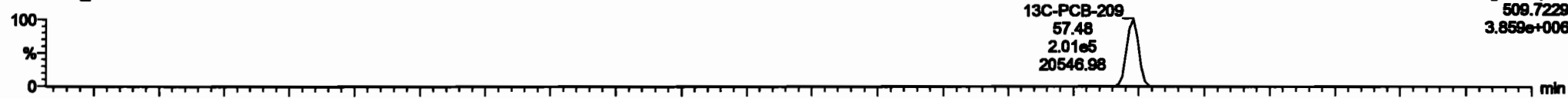


200601K1_1

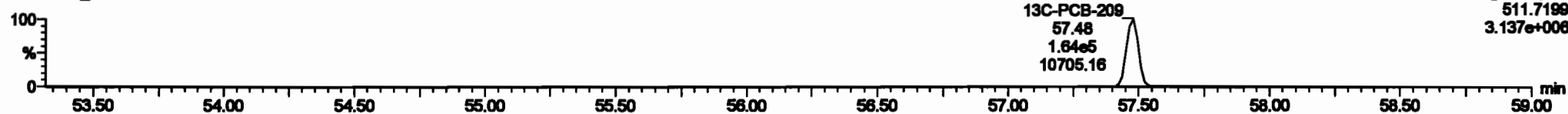


13C-PCB-209

200601K1_1

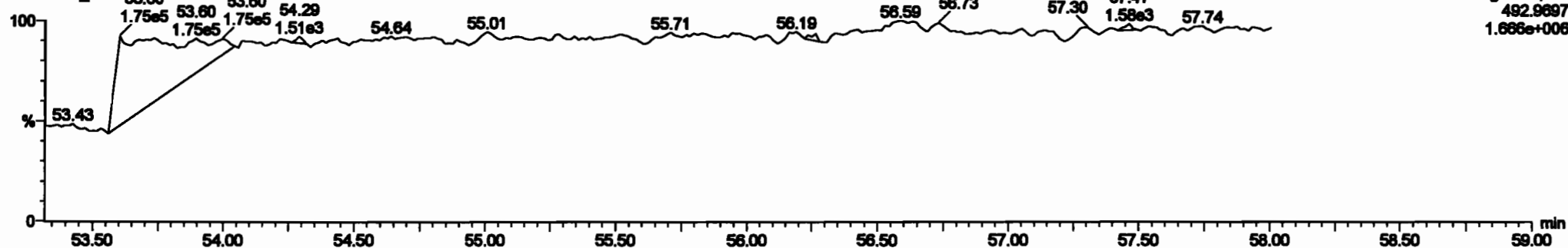


200601K1_1



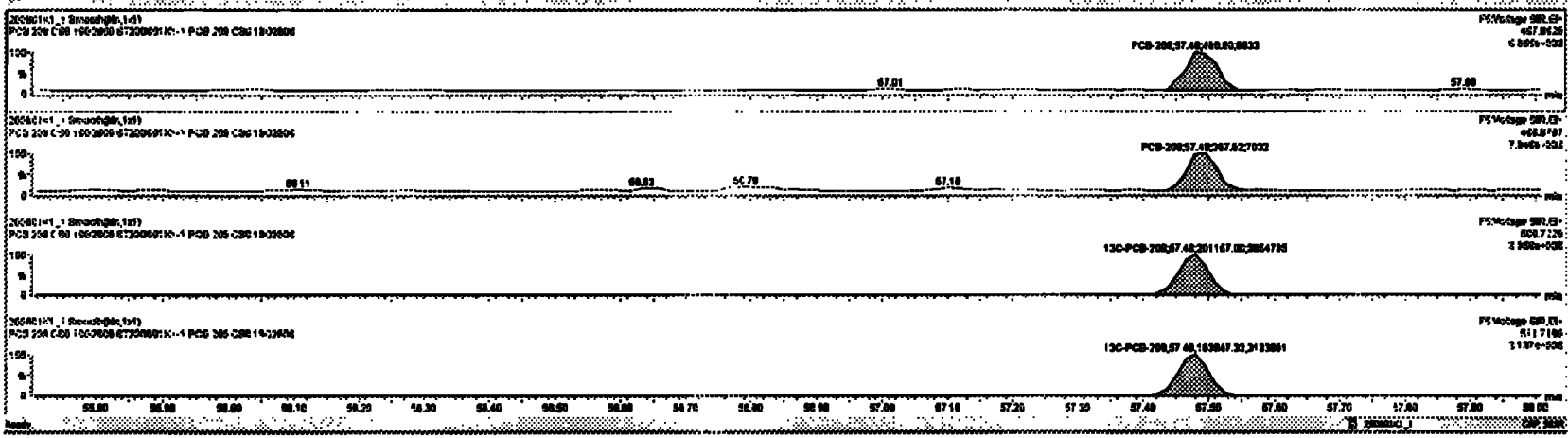
PFK5b

200601K1_1



Item	QTY	UNIT	PRICE	TOTAL	TAX	TOTAL TAX	NET TOTAL	DISCOUNT	NET TOTAL
227 2nd Purvision 1st PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
228 Total Taxes-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
229 2nd Purvision Parts-PCBs			1.9700	1.0000	0.00	0.0000	ND	0.0000	0.0000
230 4th Purvision Parts-PCBs			1.0700	1.0000	0.00	0.0000	ND	1.1400	0.0000
231 2nd Purvision Hoses-PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
232 4th Purvision Hoses-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
233 Total Hoses-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
234 4th Purvision Cuts-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
235 2nd Purvision Cuts-PCBs			1.4000	1.0000	0.00	0.0000	ND	0.0000	0.0000
236 Total Cuts-PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
237 Total PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000

Item	QTY	UNIT	PRICE	TOTAL	TAX	TOTAL TAX	NET TOTAL
400 PCB-200	07.00	07.00	4.0000	2.8000	1.7700	1.29	0.2000



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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
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PCB-1

200601K1_2

PCB-1;15.53;2.20e4;331.63

PCB-2;17.94;2.18e4;321.47

F1:Voltage SIR,EI+
188.0393
3.917e+005

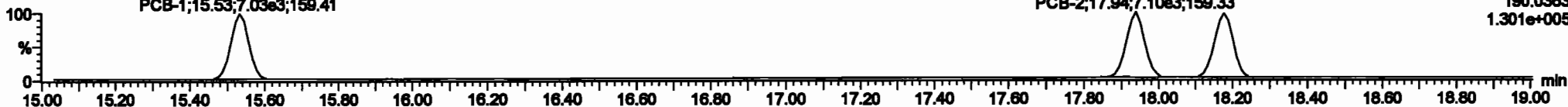


200601K1_2

PCB-1;15.53;7.03e3;159.41

PCB-2;17.94;7.10e3;159.33

F1:Voltage SIR,EI+
190.0363
1.301e+005



13C-PCB-1

200601K1_2

13C-PCB-1;15.52;1.93e6;16887.72

13C-PCB-3;18.16;1.98e6;16611.59

F1:Voltage SIR,EI+
200.0795
3.329e+007

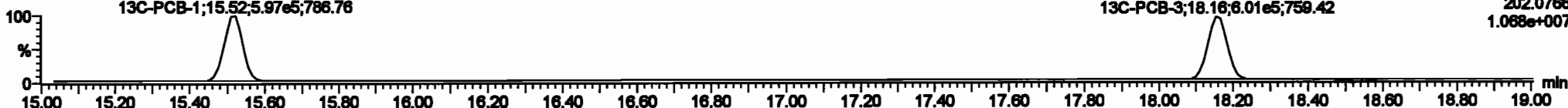


200601K1_2

13C-PCB-1;15.52;5.97e5;786.76

13C-PCB-3;18.16;6.01e5;759.42

F1:Voltage SIR,EI+
202.0766
1.068e+007



PFK1

200601K1_2

15.59
4.23e6

15.71

15.88

16.04

16.22

16.58

16.72

16.99

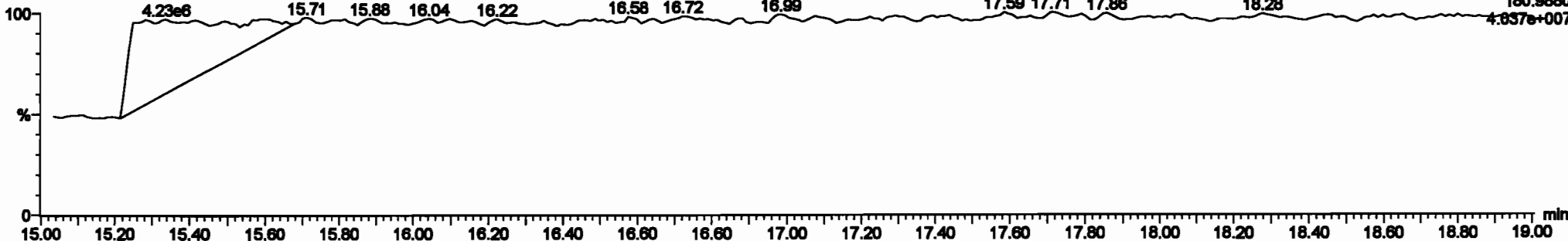
17.59

17.71

17.86

18.28

F1:Voltage SIR,EI+
180.9880
4.637e+007

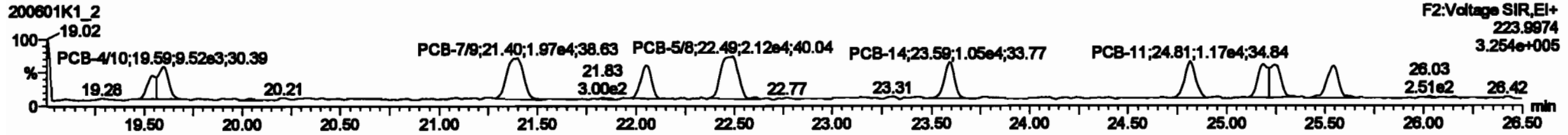
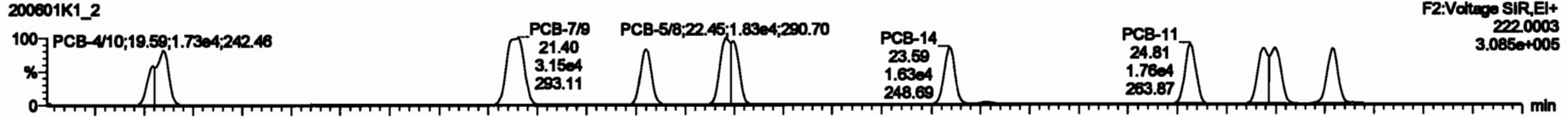


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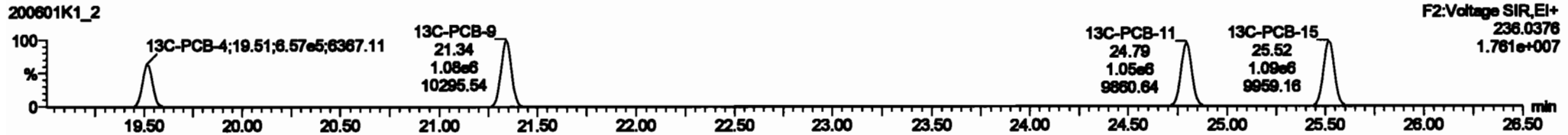
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

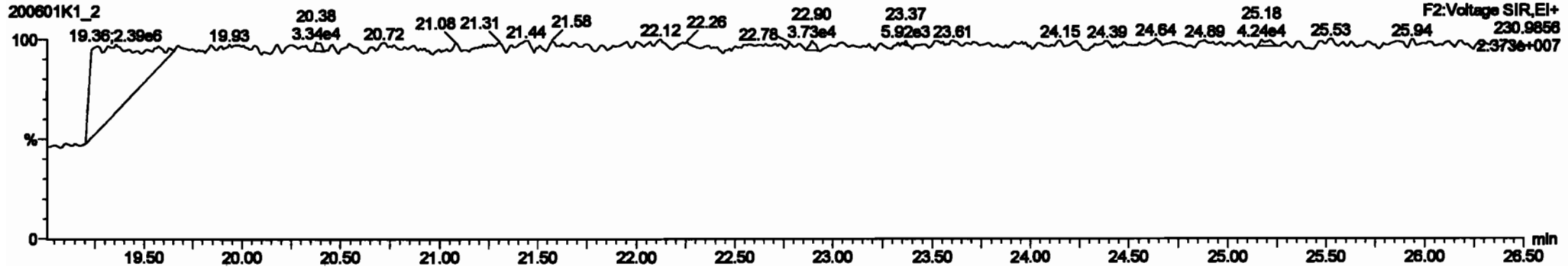
PCB-4/10



13C-PCB-4

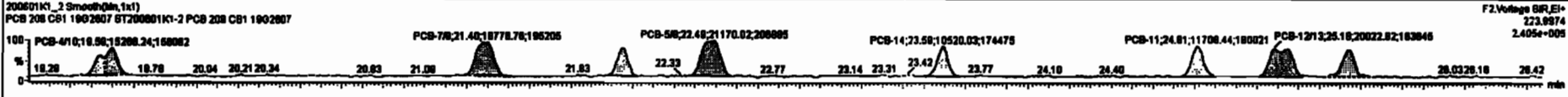
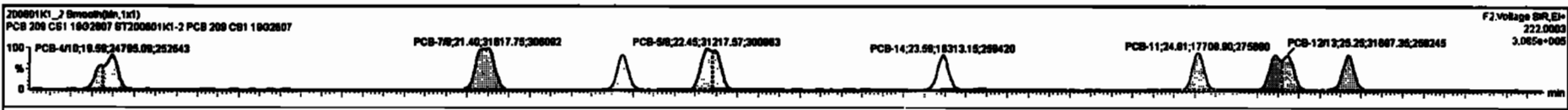


PFK2a



#	Name	Range	RA	Qty	Unit	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	
223	13C-PCB-178	7.18e6	0.45	NO	1.0000	1.000	46.87	0.823	0.823	NO	104.2	104	0.872							
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	2.884		0.0206	2.864						
225	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	2.884		0.0206	2.864						
226	2nd Function TH-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	7.832		0.0852	7.832						
227	2nd Function TH-PCBs				0.8828	1.000	0.00	0.000	0.000	NO	15.71		0.201	15.71						
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.000	0.000	NO	40.38		0.382	40.38						
229	2nd Function Para-PCBs				1.3187	1.000	0.00	0.000	0.000	NO	38.87		0.870	38.87						
230	4th Function Para-PCBs				1.0736	1.000	0.00	0.000	0.000	NO	4.785		0.0713	4.785						
231	2nd Function Heme-PCBs				0.8828	1.000	0.00	0.000	0.000	NO	13.32		0.120	13.32						
232	4th Function Heme-PCBs				1.0316	1.000	0.00	0.000	0.000	NO	28.45		0.302	28.45						
233	Total Heme-PCBs				1.3891	1.000	0.00	0.000	0.000	NO	23.19		0.230	23.19						
234	4th Function Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.216		0.0785	0.216						

#	Name	ProdRate	WT	est Range	est Range	* Ratio (Prod)	RA	Qty	Unit	ProdRate	WT	ProdRate	WT
1	4 PCB-478	18.80	18.80	2.480e4	1.527e4	1.580	1.82	NO	1.8710	1.8700			
2	6 PCB-78	21.40	21.40	3.162e4	1.878e4	1.580	1.80	NO	1.8880	1.8881			
3	8 PCB-8	22.08	22.08	1.817e4	1.806e4	1.580	1.81	NO	0.82800	0.82812			
4	7 PCB-64	22.48	22.48	3.122e4	2.117e4	1.580	1.40	NO	1.8070	1.8088			
5	8 PCB-14	23.80	23.80	1.821e4	1.852e4	1.580	1.58	NO	0.87700	0.87678			
6	9 PCB-11	24.81	24.81	1.771e4	1.171e4	1.580	1.81	NO	0.88700	0.88713			
7	10 PCB-13/13	25.25	25.25	3.170e4	2.002e4	1.580	1.58	NO	1.8880	1.8885			
8	11 PCB-15	26.80	26.80	1.829e4	1.021e4	1.580	1.88	NO	0.88400	0.88281			



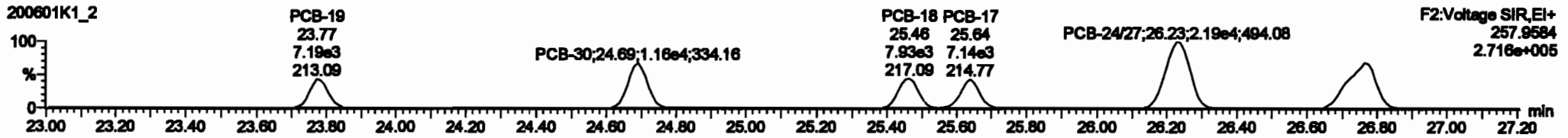
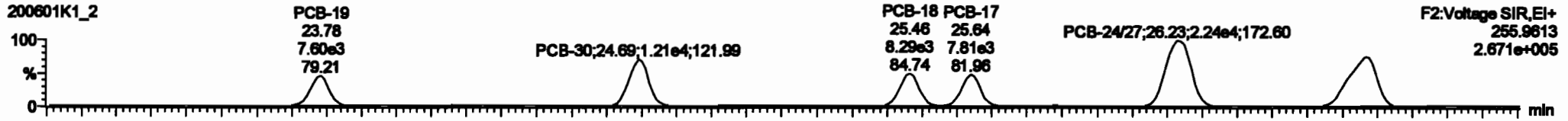
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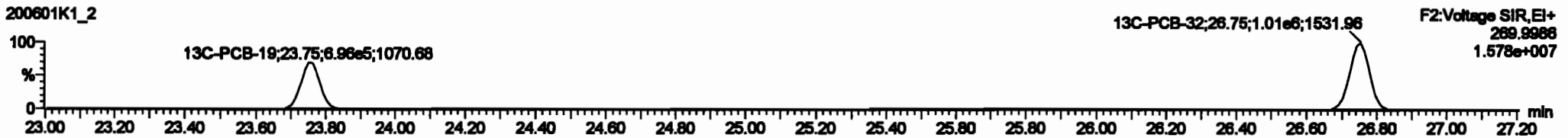
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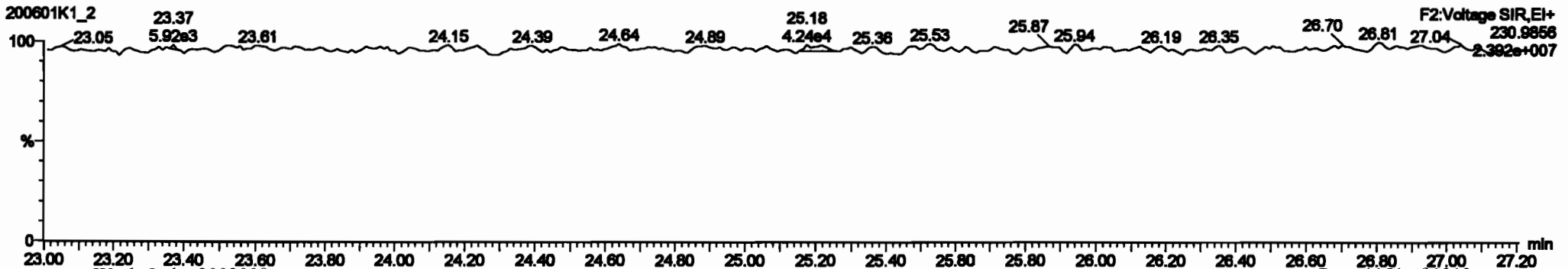
PCB-19



13C-PCB-19

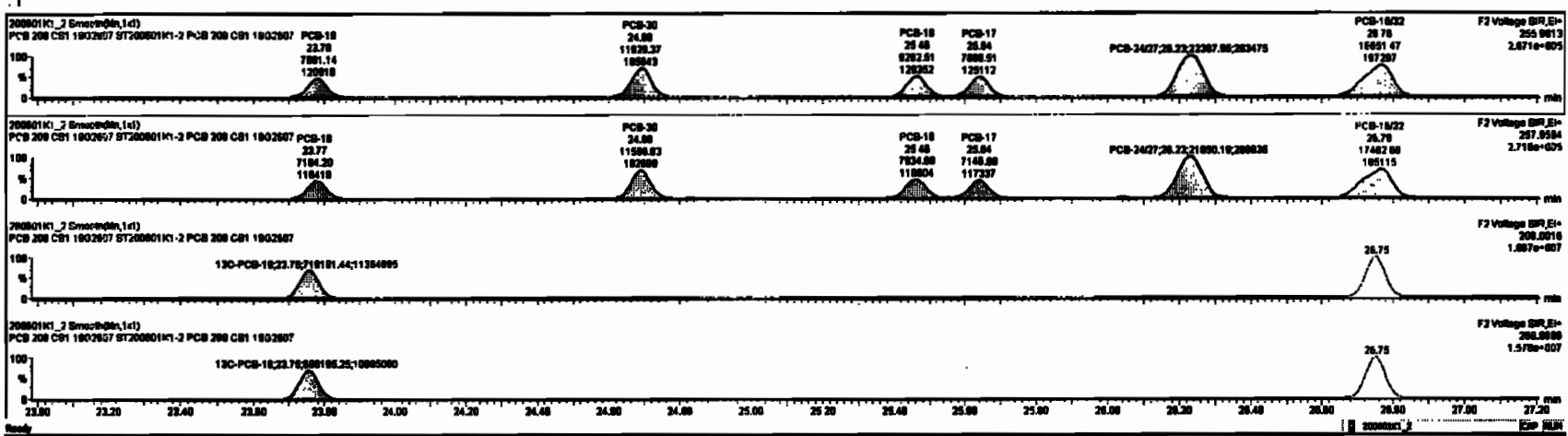


PFK2b



#	Class	Step	RA	RY	RFY	Wt/Step	Wt/Part	Wt	Part#	QTY	QTY Pkg	Comp	Wt/Comp	Wt	Wt/Comp
223	13C-PCB-170	7.50wt	0.48	ND	1.0000	1.000	46.87	0.023	0.023	ND	104.2	104	0.0072	2.854	0.0206
224	Total Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	2.854	ND	0.0000	11.30	0.027
225	Total Di-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	11.30	ND	0.0000	11.30	0.027
226	Total Tri-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	18.71	ND	0.0000	18.71	0.021
227	2nd Purification Tri-PCBs				0.0000	1.000	0.000	0.000	0.000	ND	18.71	ND	0.0000	18.71	0.021
228	Total Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	40.20	ND	0.0000	40.20	0.032
229	2nd Purification Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	38.67	ND	0.0000	38.67	0.030
230	4th Purification Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	4.788	ND	0.0000	4.788	0.013
231	2nd Purification Mono-PCBs				0.0000	1.000	0.000	0.000	0.000	ND	13.23	ND	0.0000	13.23	0.013
232	4th Purification Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	28.48	ND	0.0000	28.48	0.032
233	Total Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	25.16	ND	0.0000	25.16	0.028
234	4th Purification Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	ND	8.215	ND	0.0000	8.215	0.021

#	Class	Prod#	QTY	Wt/Step	Wt/Part	Wt	Part#	QTY	QTY Pkg	Comp	Wt/Comp	Wt	Wt/Comp
1	13	PCB-18	23.79	23.79	7.00wt	7.10wt	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
2	13	PCB-20	24.80	24.80	1.00wt	1.00wt	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
3	14	PCB-18	26.48	26.48	0.20wt	7.00wt	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
4	15	PCB-17	26.84	26.84	7.00wt	7.50wt	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
5	16	PCB-2407	28.20	28.20	2.50wt	2.50wt	1.000	1.00	ND	1.0000	1.0000	1.0000	1.0000
6	17	PCB-1802	28.77	28.79	1.00wt	1.70wt	1.000	1.00	ND	1.0000	1.0000	1.0000	1.0000



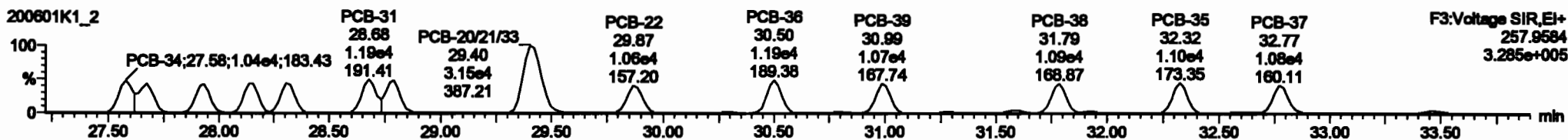
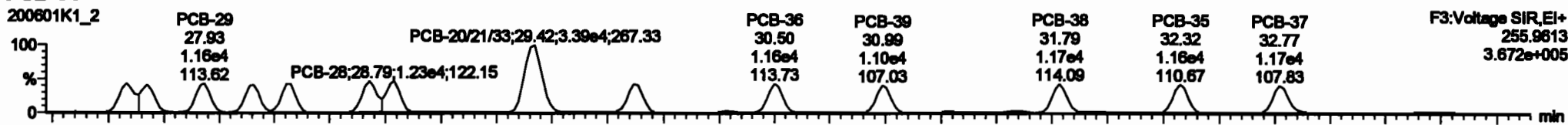
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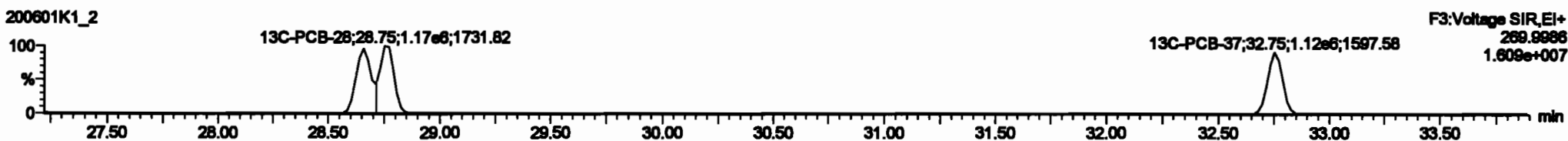
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

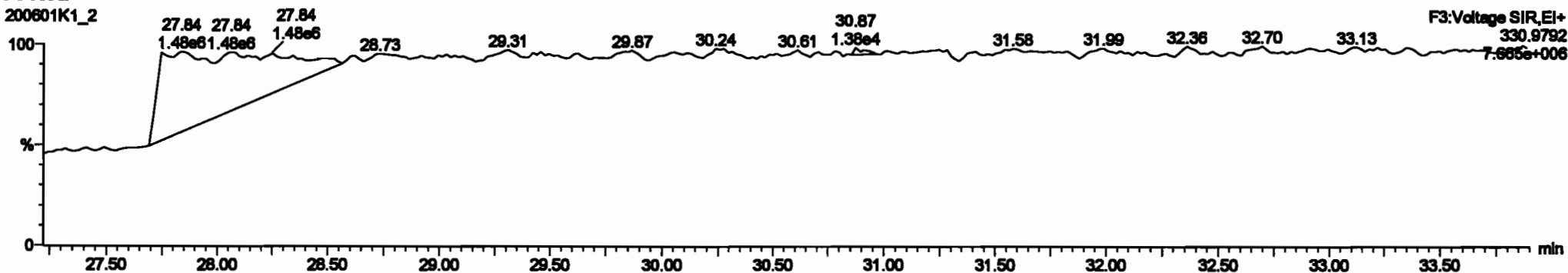
PCB-34



13C-PCB-28

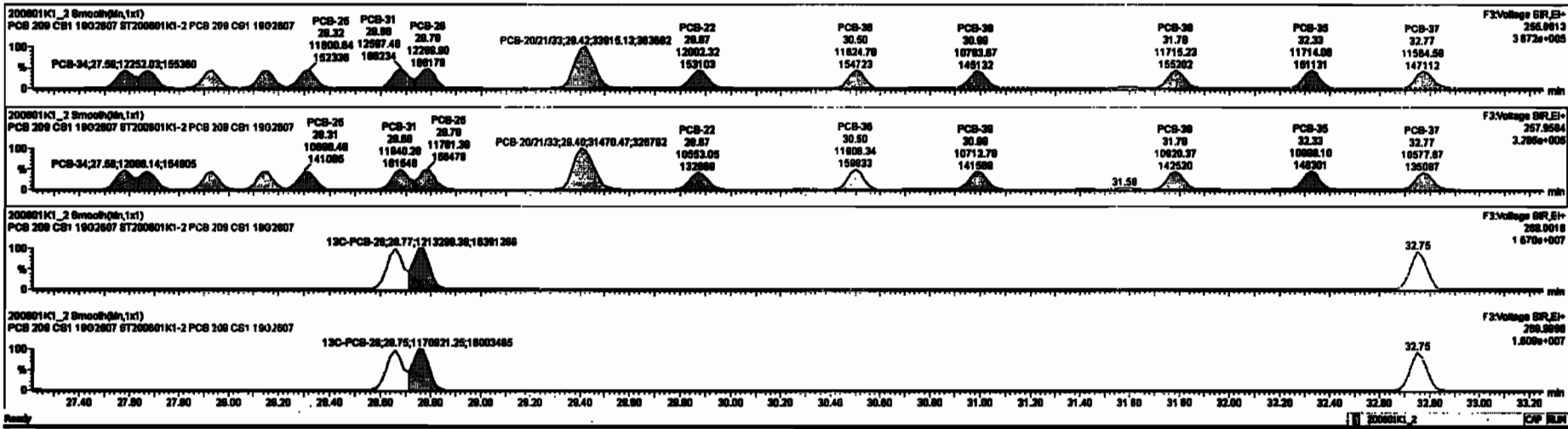


PFK3d



PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37	PCB-32
220	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
224	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
226	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
228	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
230	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
232	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
234	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37	PCB-32
18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

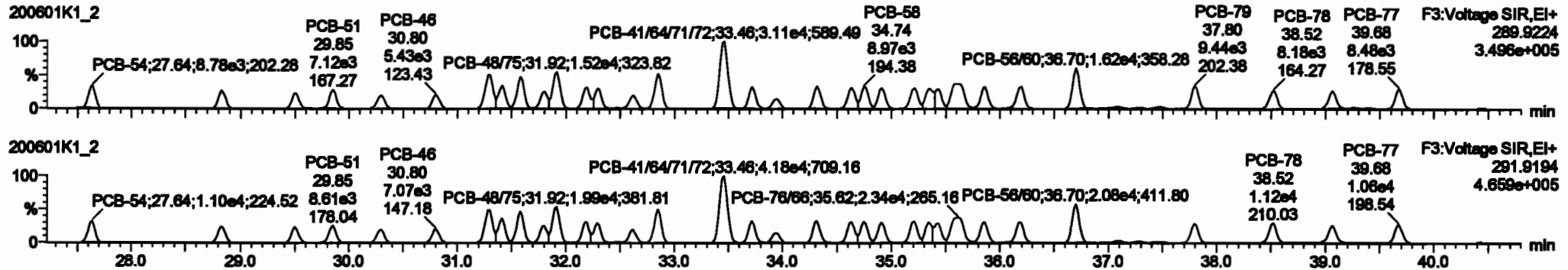


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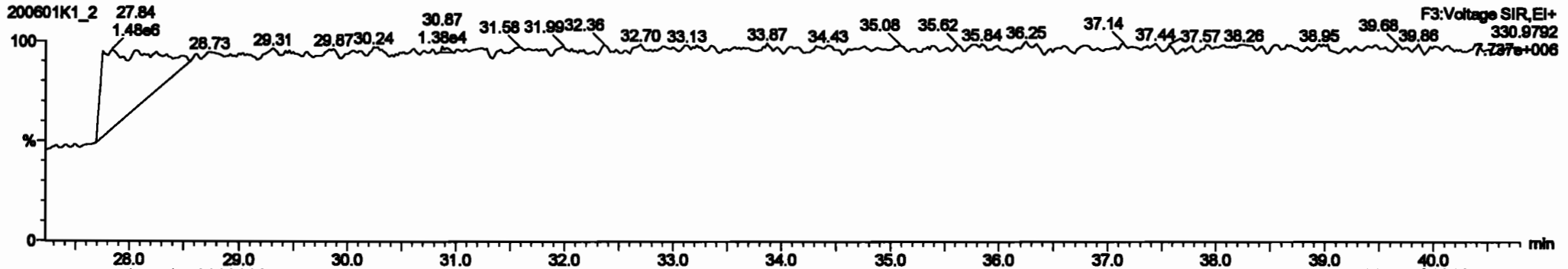
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-54



PFK3a



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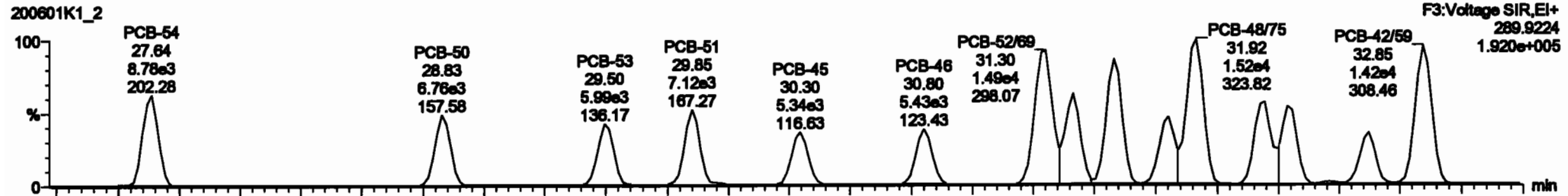
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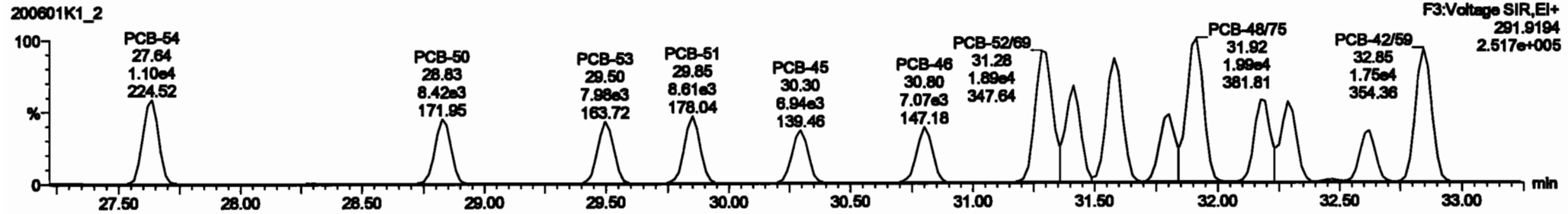
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PCB-50

200601K1_2



200601K1_2

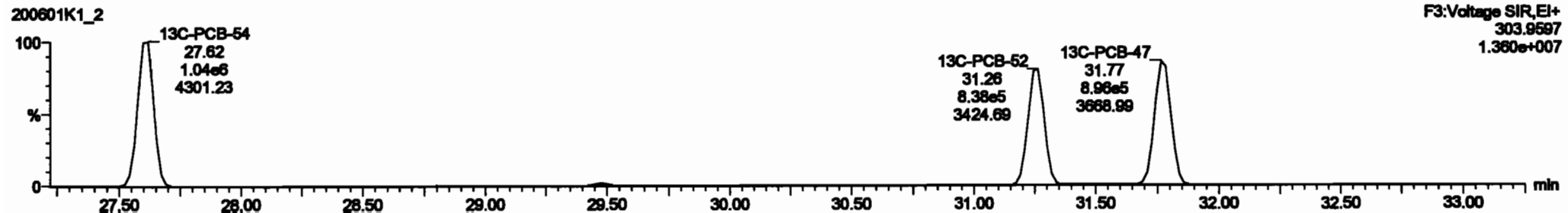


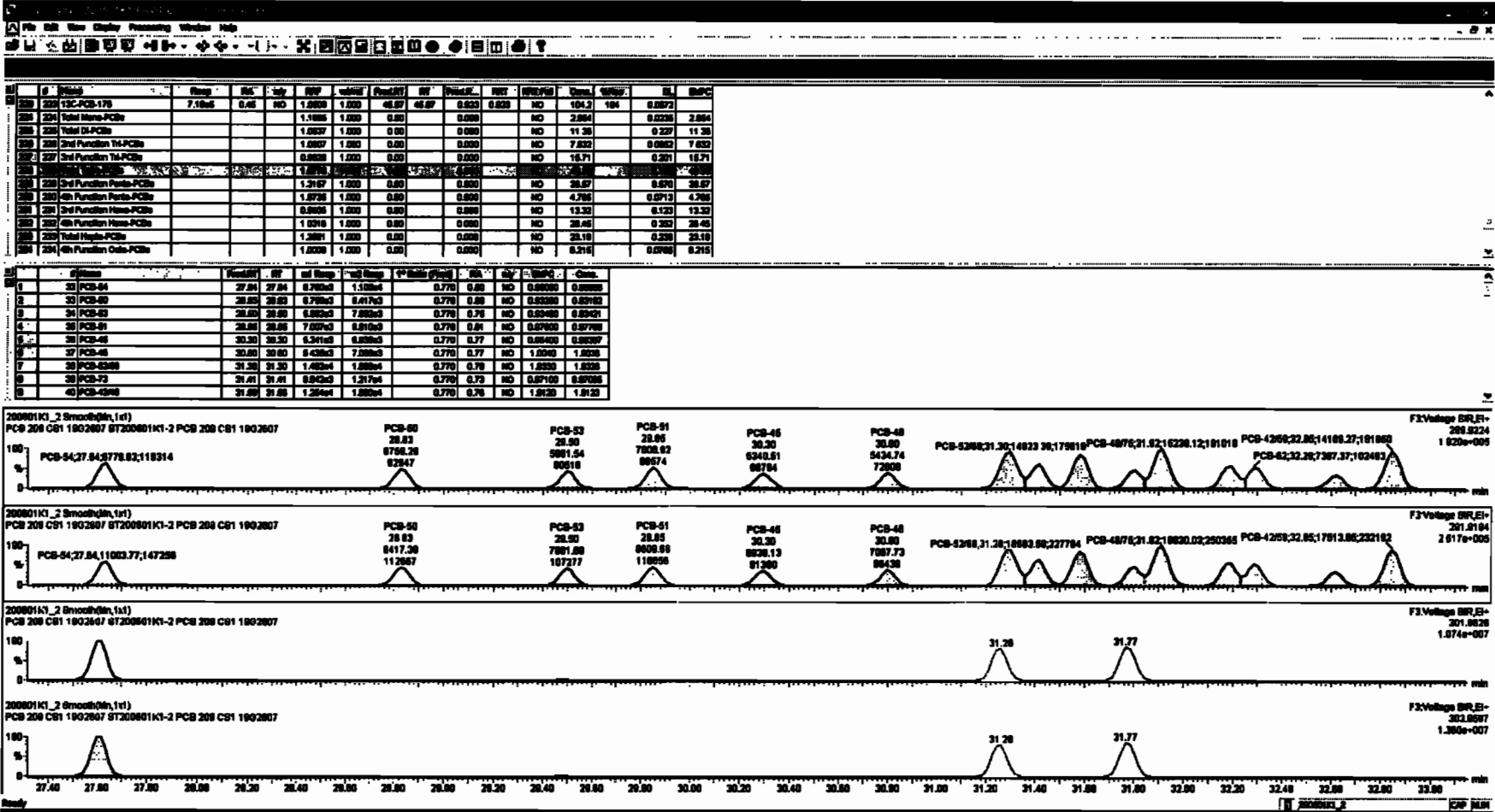
13C-PCB-52

200601K1_2



200601K1_2





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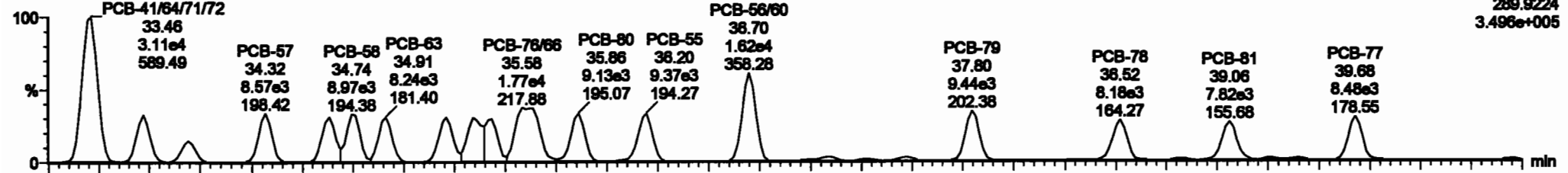
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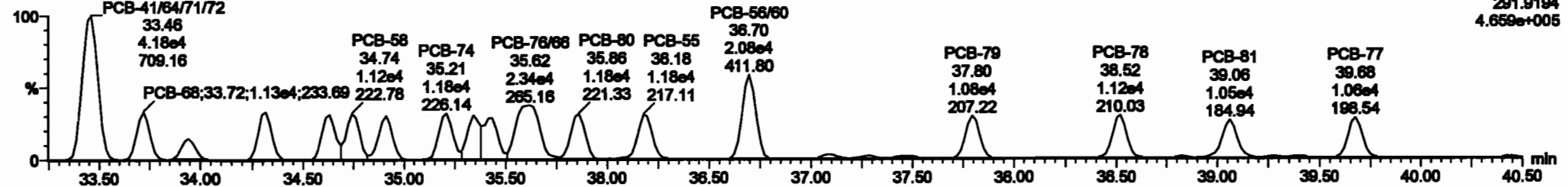
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PCB-68

200601K1_2

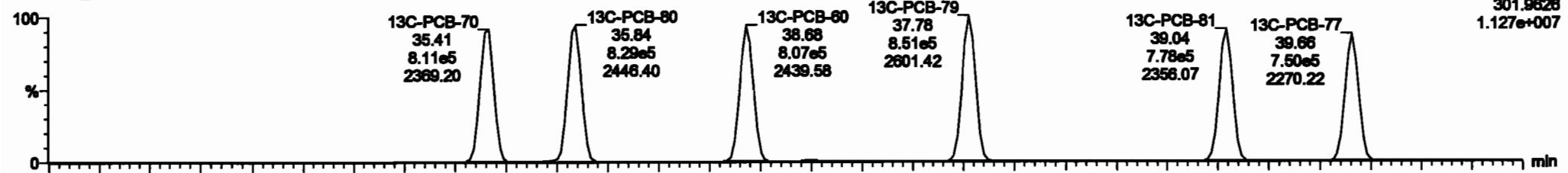


200601K1_2

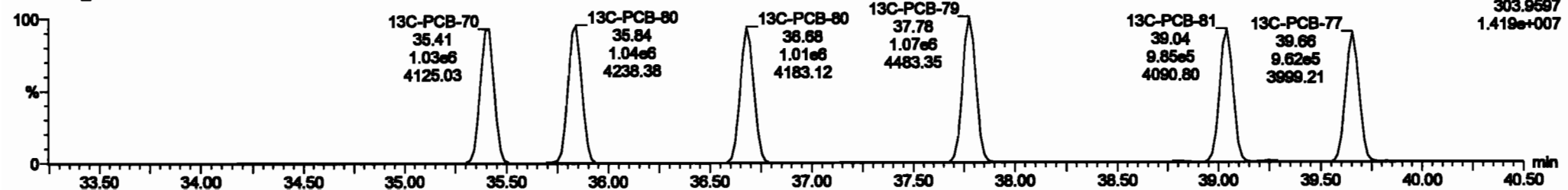


13C-PCB-60

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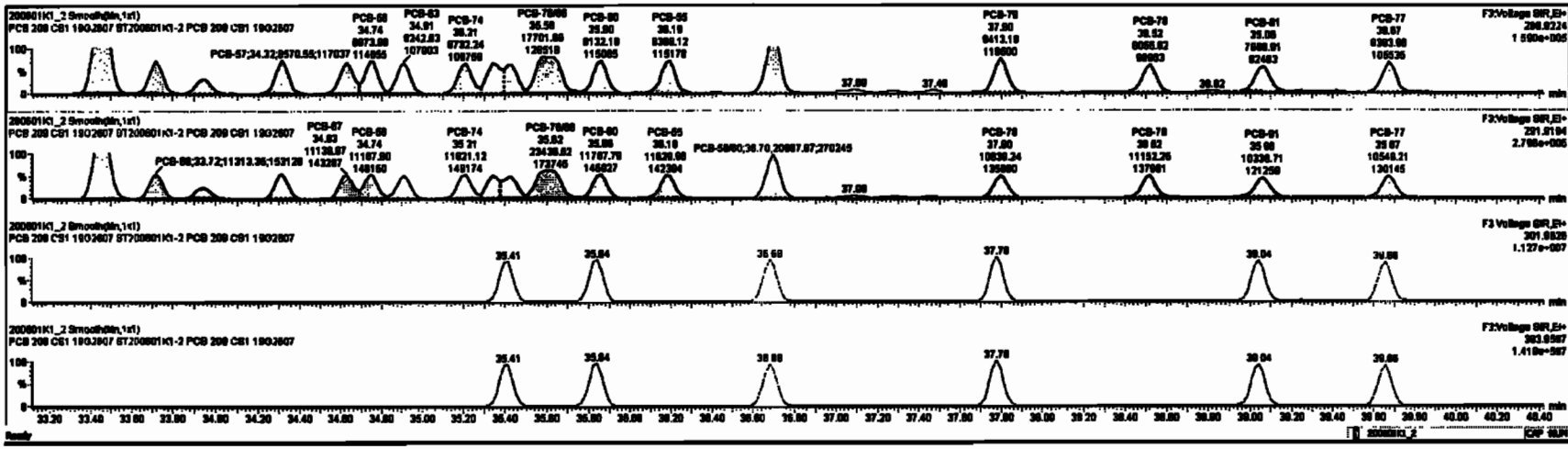


200601K1_2



#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdID	RFV	RFV Full	Comp	Qty	SL	RFPC
220	13C-PCB-170	7.18nd	0.05	NO	1.0000	1.000	46.67	46.67	0.000	0.000	NO	104.3	104	0.0072	
221	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0238	2.884
222	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
223	Total Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.833		0.0933	7.833
224	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71
225	3rd Function Tri-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	45.38		0.567	45.38
226	2nd Function Mono-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.870	38.67
227	3rd Function Mono-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.788		0.0713	4.788
228	2nd Function Di-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.33		0.120	13.33
229	3rd Function Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.48		0.383	38.48
230	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.238	23.18
231	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.918		0.0781	8.918

#	Material	ProdID	ET	et Step	et Step	** (RFV Prod)	RA	Qty	RFPC	Comp
1	PCB-04	27.04	27.04	0.780nd	1.000nd	0.770	0.80	NO	0.00000	0.00000
2	PCB-05	28.00	28.00	0.780nd	0.497nd	0.770	0.80	NO	0.00000	0.00163
3	PCB-03	28.00	28.00	0.800nd	7.800nd	0.770	0.76	NO	0.00000	0.00021
4	PCB-01	28.00	28.00	7.000nd	0.010nd	0.770	0.81	NO	0.00000	0.00768
5	PCB-06	30.30	30.30	0.341nd	0.000nd	0.770	0.77	NO	0.00000	0.00007
6	PCB-08	30.00	30.00	0.430nd	7.000nd	0.770	0.77	NO	1.00000	1.00000
7	PCB-0200	31.20	31.20	1.400nd	1.000nd	0.770	0.78	NO	1.00000	1.00000
8	PCB-22	31.01	31.01	0.000nd	1.210nd	0.770	0.73	NO	0.00100	0.00000

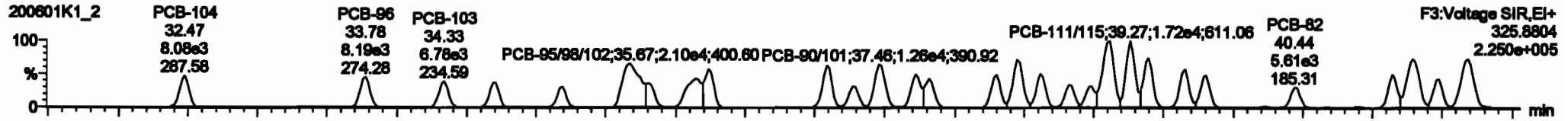


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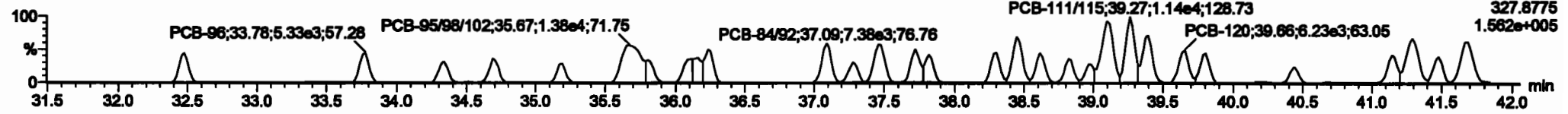
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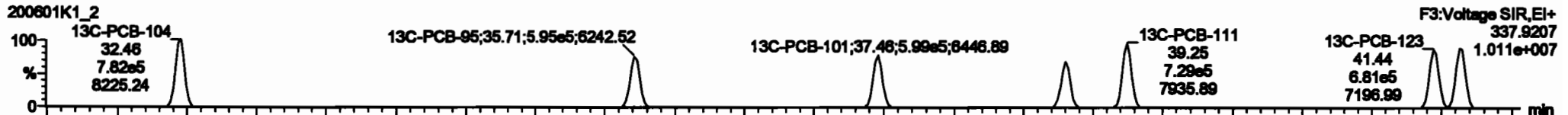
PCB-104



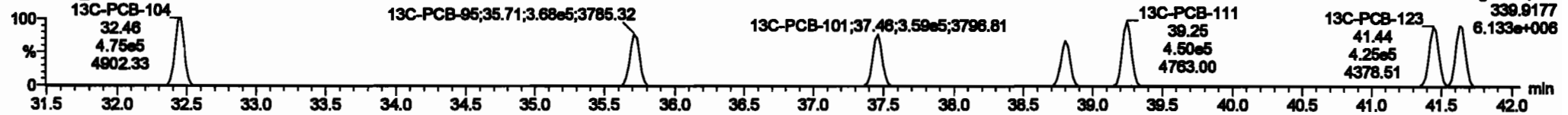
200601K1_2



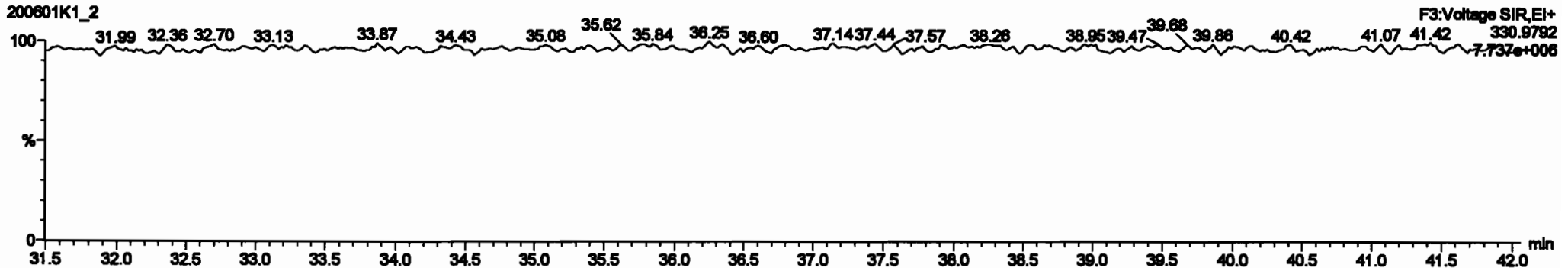
13C-PCB-104



200601K1_2



PFK3b

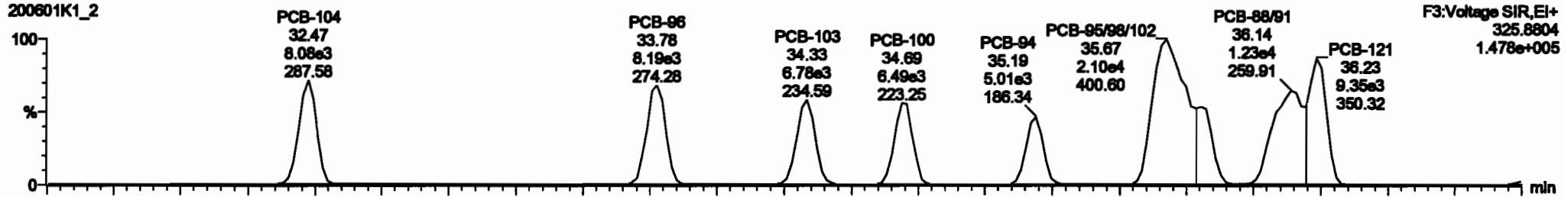


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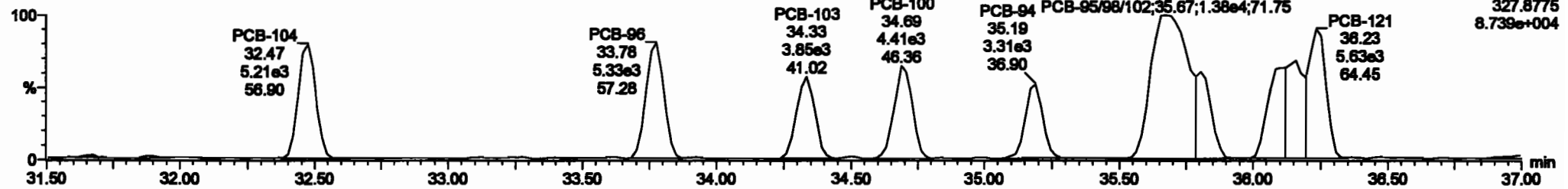
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

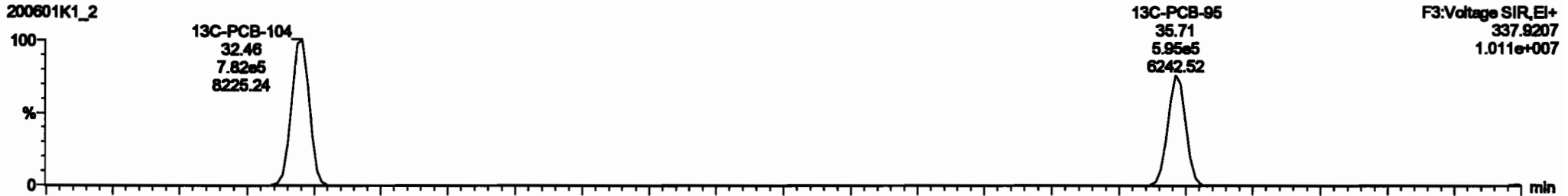
PCB-96



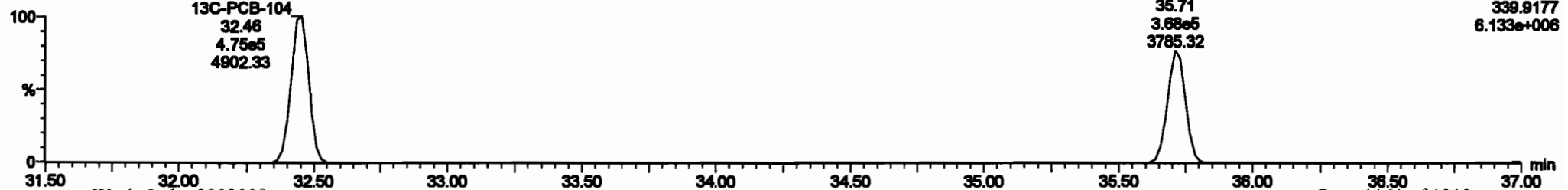
200601K1_2



13C-PCB-95

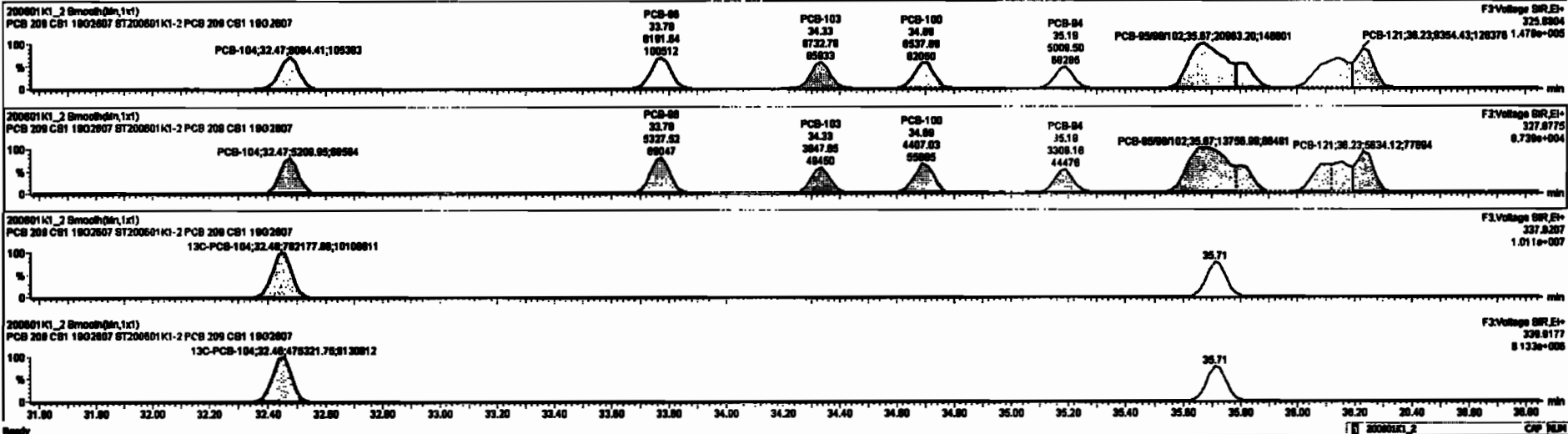


200601K1_2



#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	PSpec	QRT	QRT Fail	Cont.	Units	DL	EMPC
223	13C-PCB-178	7.1Inch	0.45	NO	1.2000	1.200	46.87	46.87	0.920	0.920	NO	104.2	104	0.0072	
224	Total Micro-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	2.864		0.0200	2.864
225	Total Di-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
226	2nd Function Tri-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	7.832		0.0002	7.832
227	3rd Function Tri-PCBs				0.8000	1.200	0.00	0.00	0.000	0.000	NO	16.71		0.201	16.71
228	Total Tribo-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	40.38		0.302	40.38
229	4th Function Pent-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	30.87		0.070	30.87
230	6th Function Pent-PCBs				1.0735	1.200	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785
231	2nd Function Hexa-PCBs				0.8000	1.200	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
232	4th Function Hexa-PCBs				1.0218	1.200	0.00	0.00	0.000	0.000	NO	26.46		0.382	26.46
233	Total Hepta-PCBs				1.2000	1.200	0.00	0.00	0.000	0.000	NO	23.19		0.238	23.19
234	2nd 4th Function Octa-PCBs				1.0735	1.200	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785

#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	PSpec	QRT	QRT Fail	Cont.	Units	DL	EMPC
64	PCB-104				32.47	32.47	0.000e0	0.210e3	1.200	1.20	NO	0.94300	0.94218		
65	PCB-88				33.78	33.78	0.100e3	0.320e3	1.200	1.24	NO	0.93200	0.93176		
66	PCB-103				34.33	34.33	0.720e3	3.800e3	1.200	1.75	NO	0.88000	0.88044		
67	PCB-100				34.88	34.88	0.830e3	4.400e3	1.200	1.48	NO	0.91300	0.91274		
68	PCB-84				35.18	35.18	0.010e3	3.300e3	1.200	1.51	NO	0.91000	0.90980		
69	PCB-8500102				35.87	35.87	2.000e4	1.370e4	1.200	1.82	NO	2.8828	2.8822		
70	PCB-88				36.78	36.78	0.280e3	3.330e3	1.200	1.88	NO	0.88700	0.88728		
71	PCB-8801				38.14	38.14	1.220e4	0.000e3	1.200	1.82	NO	1.8780	1.8781		

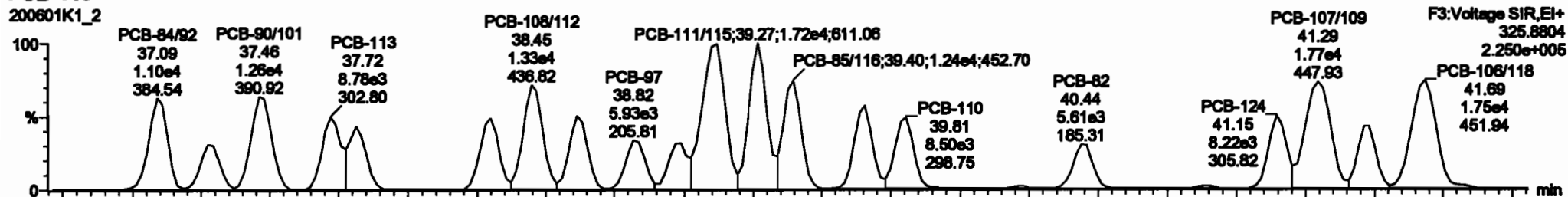


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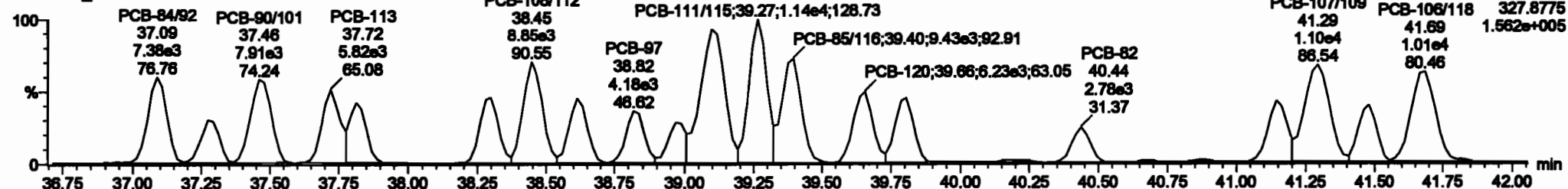
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

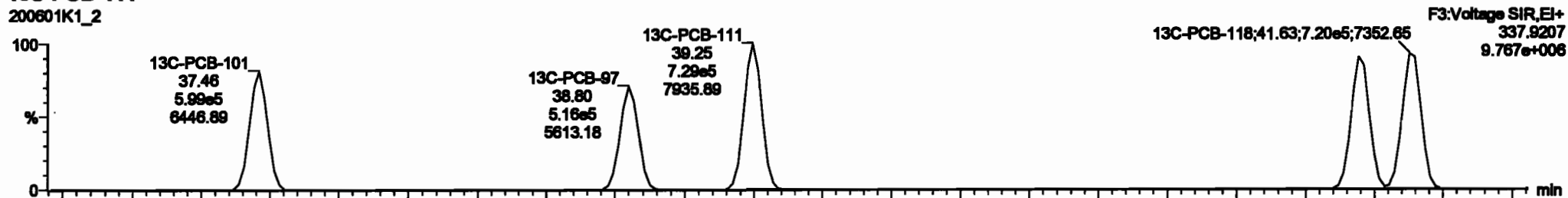
PCB-119



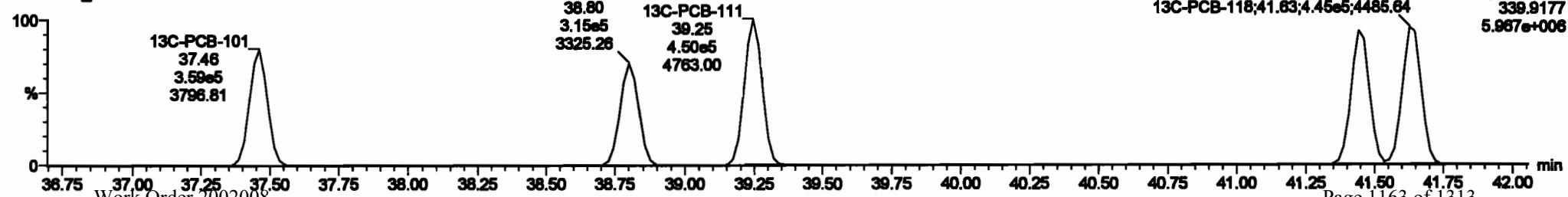
200601K1_2

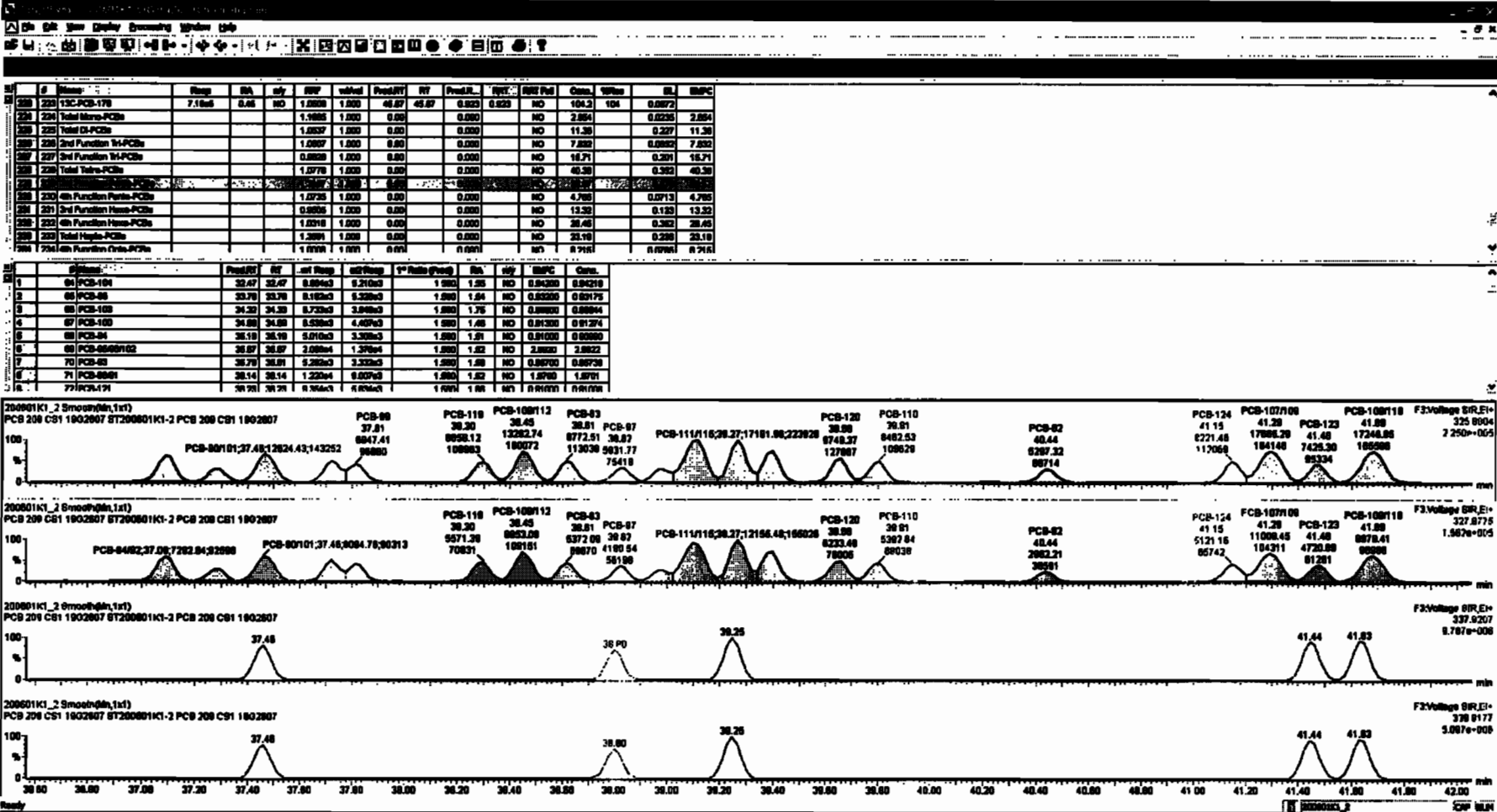


13C-PCB-111



200601K1_2



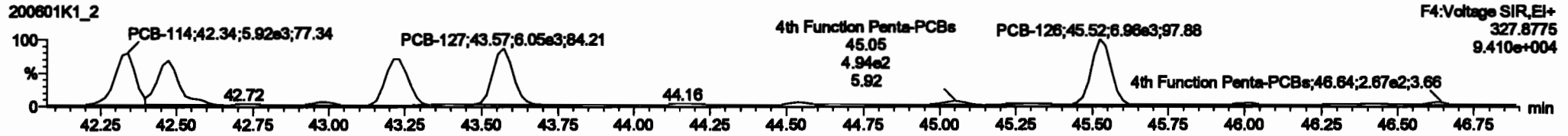
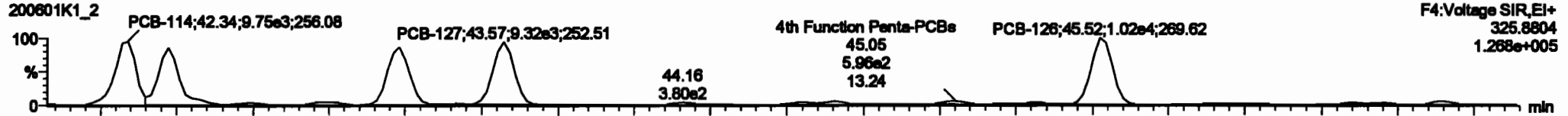


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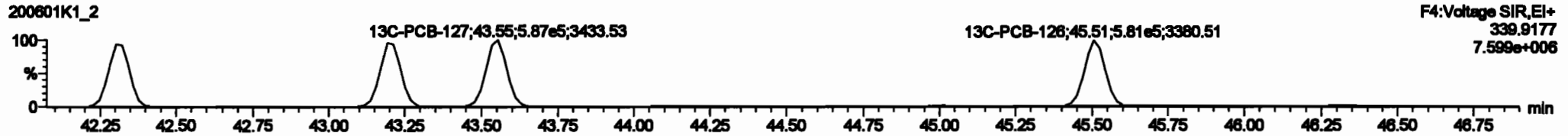
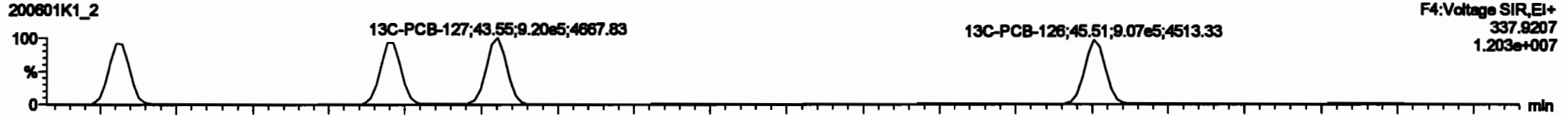
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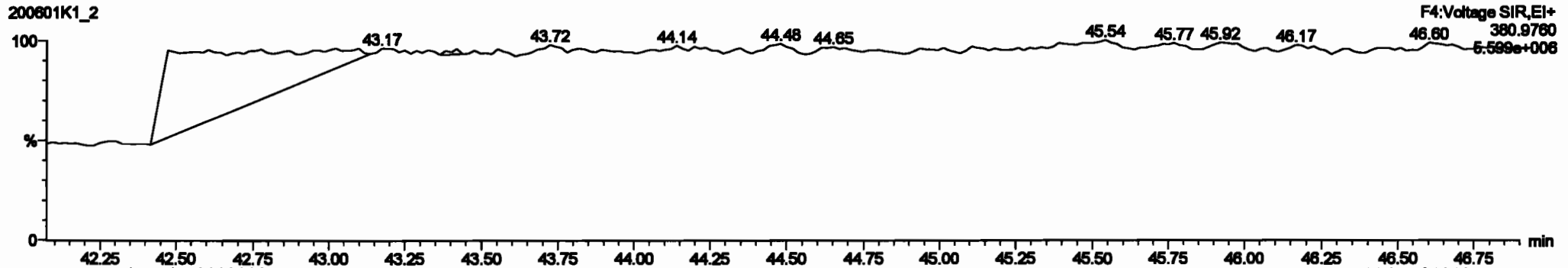
PCB-114



¹³C-PCB-114

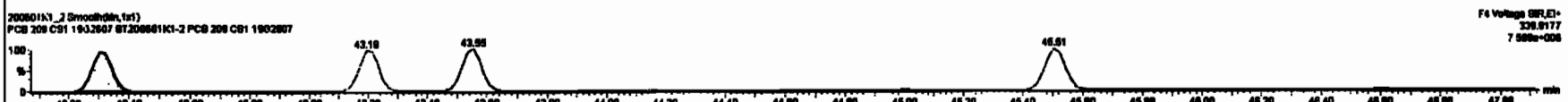
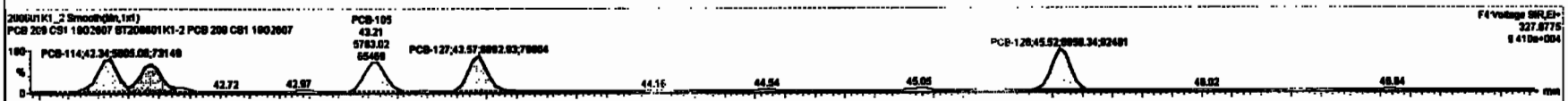
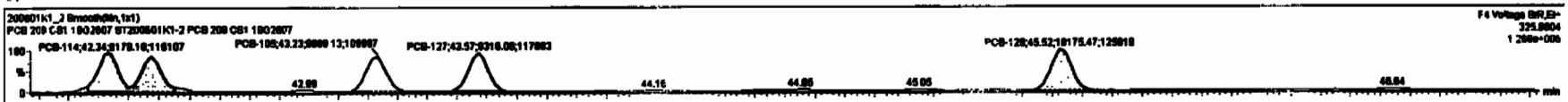


PFK4a



#	Name	Area	RA	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%	GC	WPC
220	13C-PCB-170	7.18e5	0.45	NO	1.0000	1.000	46.97	46.97	0.023	0.023	NO	104.2	104	0.0072	
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	NO	2.004		0.0206	2.004		
226	Total Di-PCBs				1.0000	1.000	0.00	0.000	NO	11.38		0.327	11.38		
228	Total Tri-PCBs				1.0000	1.000	0.00	0.000	NO	7.832		0.0002	7.832		
229	Total Tetra-PCBs				0.0020	1.000	0.00	0.000	NO	16.71		0.301	16.71		
230	Total Penta-PCBs				1.0770	1.000	0.00	0.000	NO	40.38		0.302	40.38		
231	Total Hexa-PCBs				1.2167	1.000	0.00	0.000	NO	38.67		0.670	38.67		
232	Total Hepta-PCBs				1.0000	1.000	0.00	0.000	NO	13.32		0.123	13.32		
233	Total Octa-PCBs				0.0000	1.000	0.00	0.000	NO	28.48		0.302	28.48		
234	Total Non-PCBs				1.0016	1.000	0.00	0.000	NO	20.10		0.320	20.10		
235	Total PCBs				1.0001	1.000	0.00	0.000	NO	8.918		0.0001	8.918		

#	Name	Area	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%	GC	WPC
1	PCB-114	42.35	42.34	0.170e3	0.020e3	1.000	1.00	NO	0.00100	0.00002				
2	PCB-122	42.47	42.47	0.200e3	0.111e3	1.000	1.00	NO	0.00700	0.00001				
3	PCB-105	43.31	43.23	0.000e3	0.700e3	1.000	1.00	NO	0.00700	0.00011				
4	PCB-127	43.97	43.97	0.310e3	0.000e3	1.000	1.00	NO	0.00000	0.00002				
5	PCB-128	46.02	46.02	1.010e4	0.000e3	1.000	1.00	NO	0.00200	0.00210				



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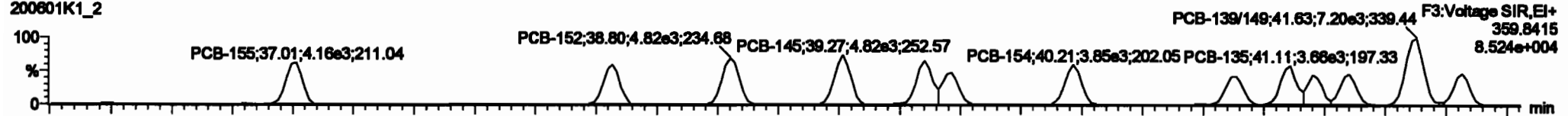
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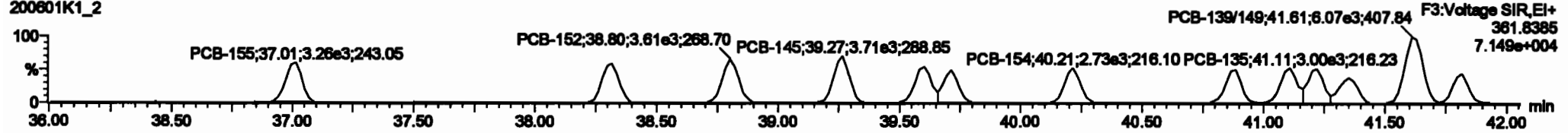
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PCB-155

200601K1_2

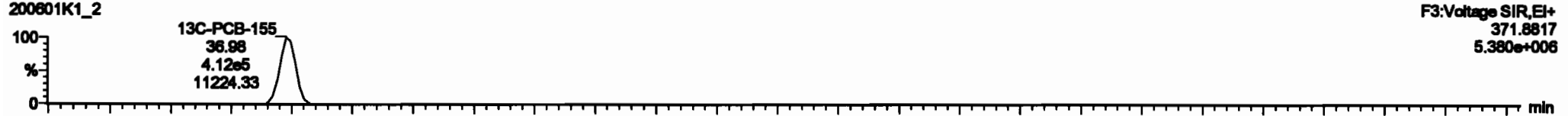


200601K1_2

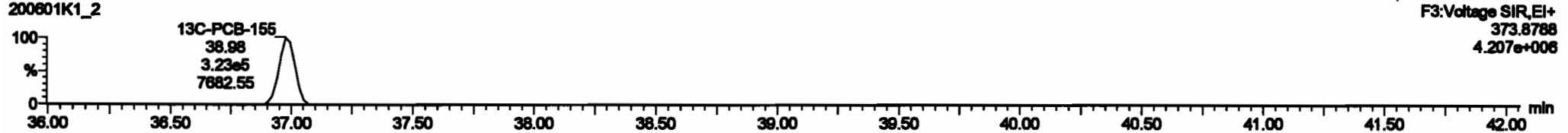


13C-PCB-155

200601K1_2

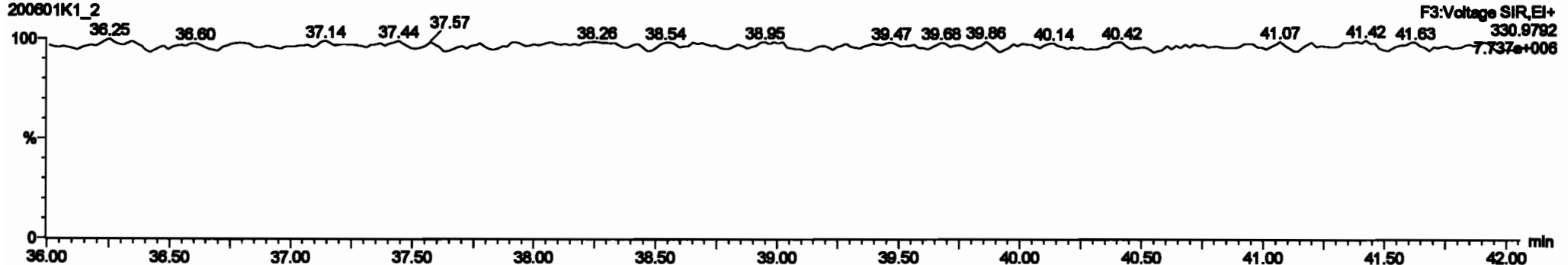


200601K1_2



PFK3c

200601K1_2

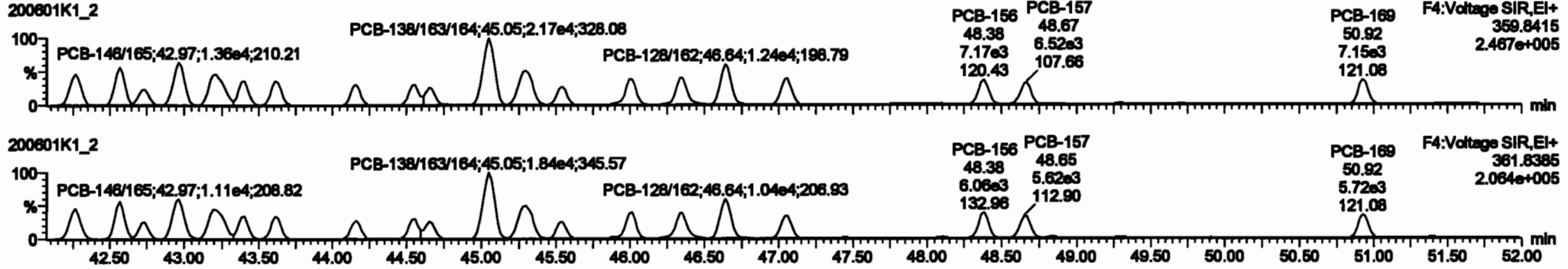


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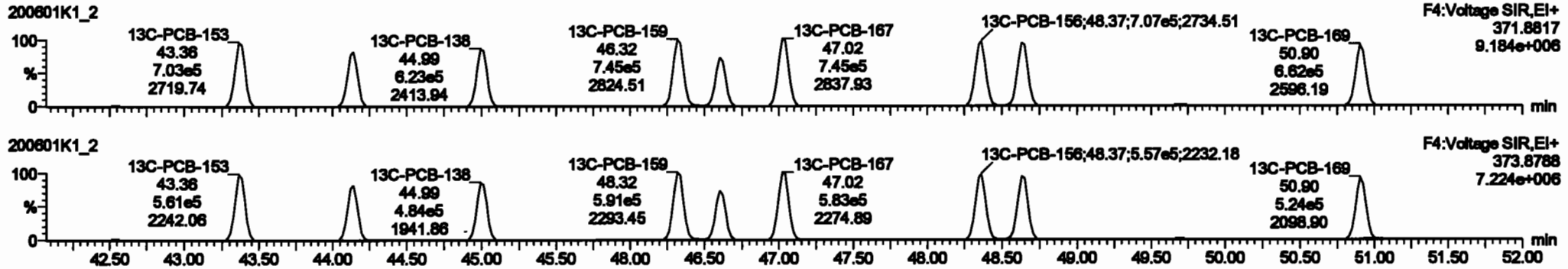
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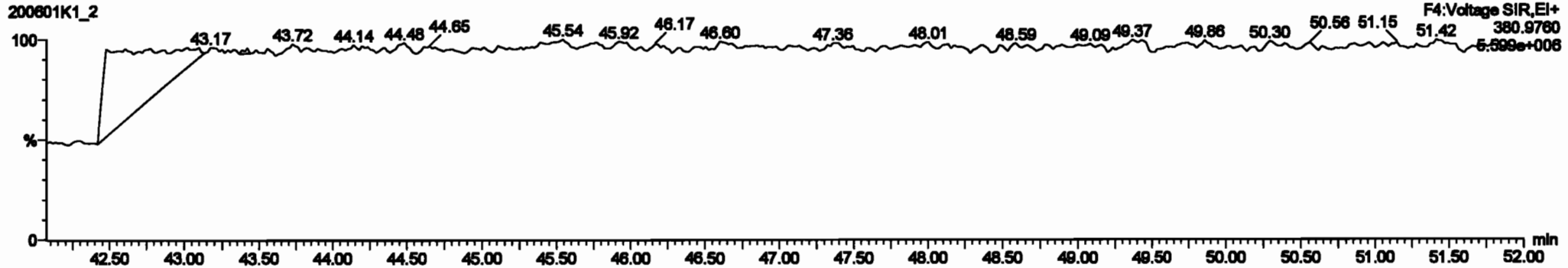
PCB-134/143

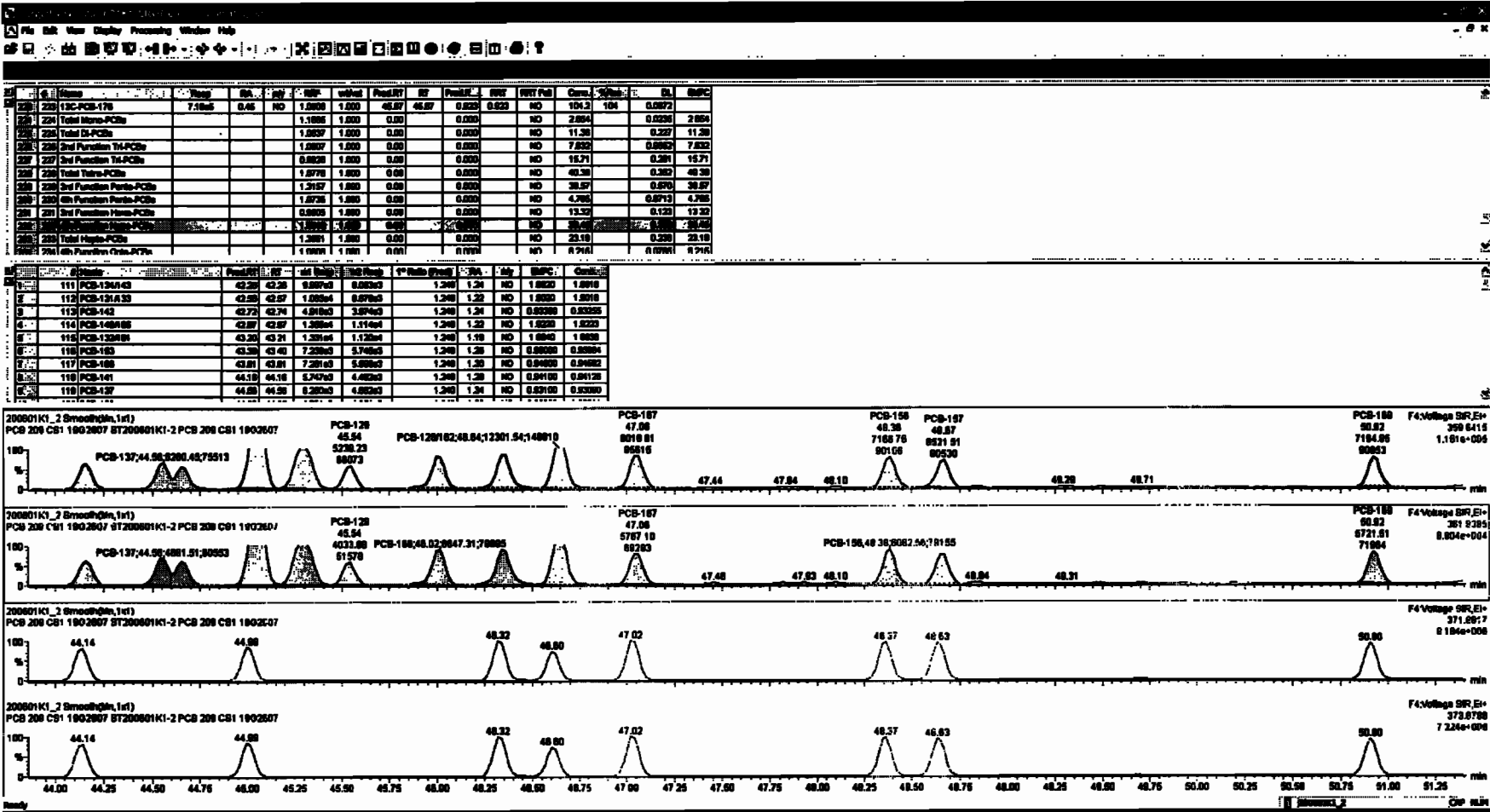


13C-PCB-153



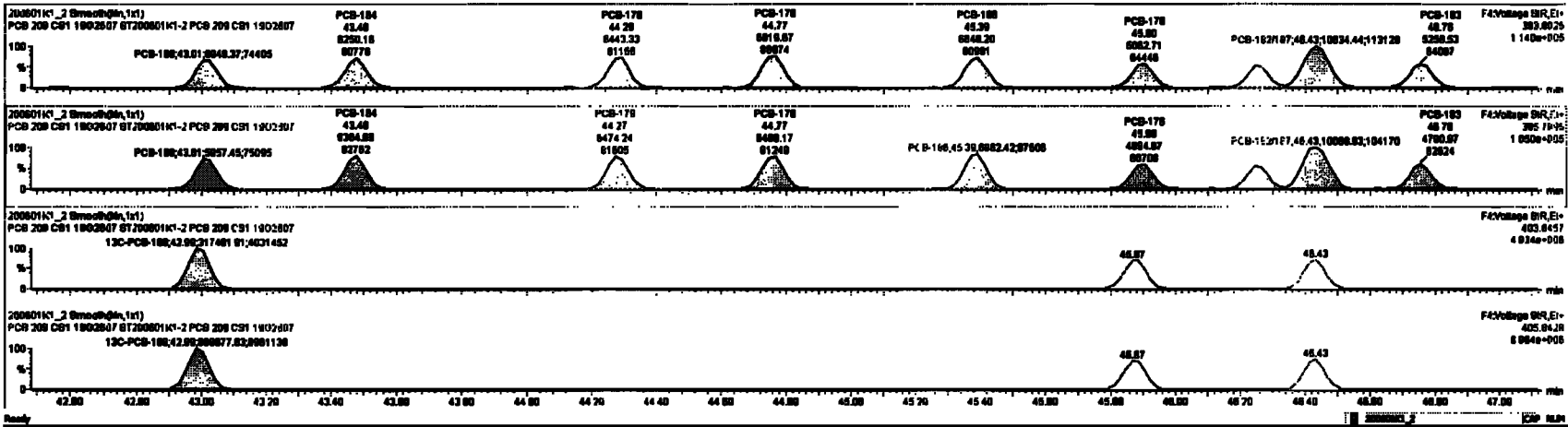
PFK4b





#	Name	Rate	RA	sq	SP	Unit	Peak	RT	Peak	RT	Peak	RT	Area	Unit	IC	IMP
220	13C-PCB-178	7.16e4	0.48	NO	1.0000	1.000	46.87	46.87	0.920	0.920	NO	2.894	104	0.002	2.894	
221	Total Micro-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.30		0.000	11.30	
222	Total EL-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.852		0.000	7.852	
223	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	18.71		0.001	18.71	
224	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	48.30		0.003	48.30	
225	2nd Function Penta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.000	38.67	
226	4th Function Penta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	4.705		0.001	4.705	
227	2nd Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	13.33		0.000	13.33	
228	4th Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	20.40		0.002	20.40	
229	2nd Function Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	20.40		0.000	20.40	
230	4th Function Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.910		0.000	8.910	
231	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.910		0.000	8.910	

#	Name	Peak	RT	Area	Unit	Peak	RT	Area	Unit
131	PCB-184	43.03	43.03	0.040e3	0.000e3	1.000	1.01	NO	0.00000
132	PCB-184	43.40	43.40	0.200e3	0.200e3	1.000	0.98	NO	1.00000
133	PCB-178	44.27	44.28	0.400e3	0.470e3	1.000	1.00	NO	0.00000
134	PCB-178	44.24	44.77	0.000e3	0.000e3	1.000	1.07	NO	1.00000
135	PCB-188	45.30	45.30	0.040e3	0.000e3	1.000	0.98	NO	1.00000
136	PCB-178	45.60	45.60	0.000e3	0.000e3	1.000	1.00	NO	1.00000
137	PCB-178	46.24	46.24	0.000e3	0.000e3	1.000	1.01	NO	0.00000
138	PCB-188B7	46.42	46.43	1.000e3	1.000e3	1.000	1.08	NO	1.00000
139	PCB-183	46.78	46.78	0.200e3	0.270e3	1.000	1.12	NO	0.00000



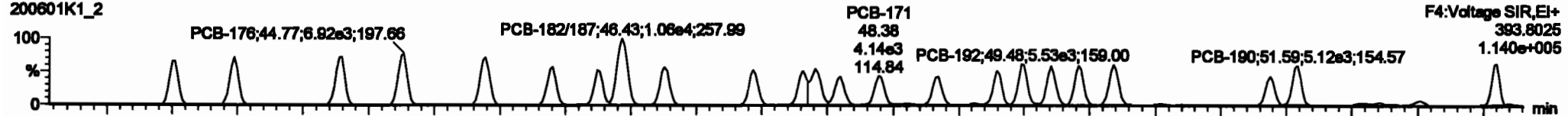
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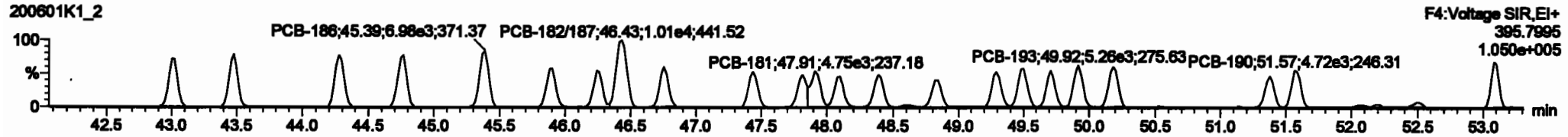
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PCB-188

200601K1_2

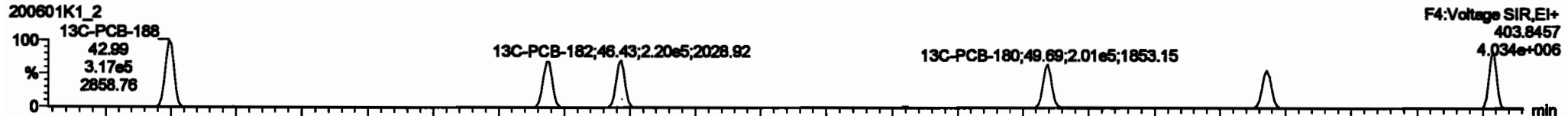


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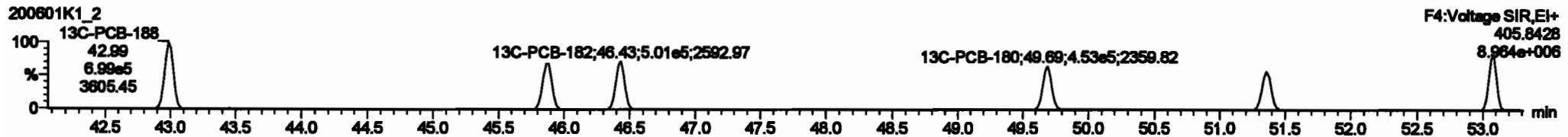


13C-PCB-188

200601K1_2

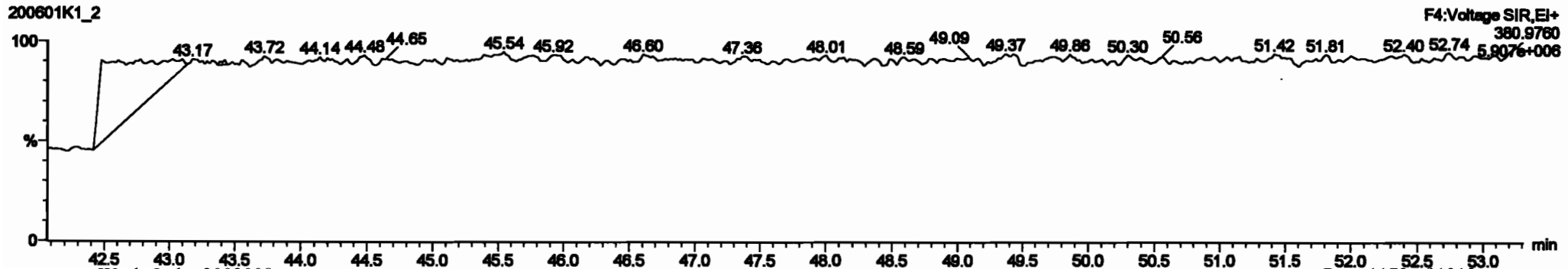


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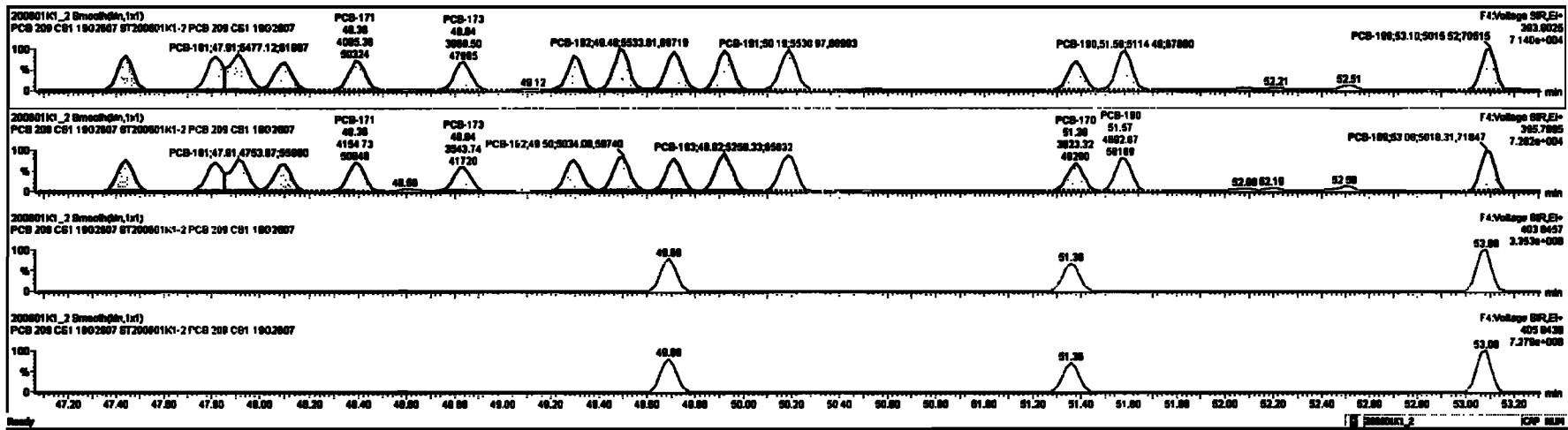
PFK4c

200601K1_2



Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
220	134.00	7.10e5	0.45	ND	1.0000	1.000	46.87	46.87	0.000	0.000	ND	104.2	104	0.0073
221	204	Total Mono-PCBs			1.1885	1.000	0.00	0.000	ND	2.884	0.0000	2.884		
222	205	Total Di-PCBs			1.0537	1.000	0.00	0.000	ND	11.38	0.0000	11.38		
223	206	2nd Function Tri-PCBs			1.0667	1.000	0.00	0.000	ND	7.632	0.0000	7.632		
224	207	3rd Function Tri-PCBs			0.8528	1.000	0.00	0.000	ND	16.71	0.0000	16.71		
225	208	Total Tetra-PCBs			1.0778	1.000	0.00	0.000	ND	40.38	0.0000	40.38		
226	209	2nd Function Penta-PCBs			1.2167	1.000	0.00	0.000	ND	39.97	0.0000	39.97		
227	210	4th Function Penta-PCBs			1.0735	1.000	0.00	0.000	ND	4.785	0.0010	4.785		
228	211	3rd Function Hexa-PCBs			0.8805	1.000	0.00	0.000	ND	13.32	0.0000	13.32		
229	212	4th Function Hexa-PCBs			1.0518	1.000	0.00	0.000	ND	28.46	0.0000	28.46		
230	213	5th Function Octa-PCBs			1.2200	1.000	0.00	0.000	ND	33.16	0.0000	33.16		
231	214	6th Function Octa-PCBs			1.0978	1.000	0.00	0.000	ND	8.916	0.0000	8.916		

Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
131	PCB-148	43.03	43.01	0.00e0	0.00e0	1.000	1.01	ND	0.91800	0.91821				
132	PCB-164	43.48	43.48	0.20e0	0.20e0	1.000	0.98	ND	1.0000	1.0000				
133	PCB-178	44.27	44.28	0.44e0	0.47e0	1.000	1.00	ND	0.97800	0.97834				
134	PCB-176	44.74	44.77	0.82e0	0.48e0	1.000	1.07	ND	1.0070	1.0086				
135	PCB-168	46.28	46.28	0.84e0	0.82e0	1.000	0.98	ND	1.0000	1.0079				
136	PCB-179	46.88	46.88	0.00e0	4.88e0	1.000	1.00	ND	1.0000	1.0088				
137	PCB-176	48.24	48.24	4.88e0	4.88e0	1.000	1.01	ND	0.92400	0.92388				
138	PCB-182/187	48.42	48.42	1.00e0	1.00e0	1.000	1.08	ND	1.0110	1.0110				
139	PCB-183	48.78	48.78	0.20e0	4.70e0	1.000	1.12	ND	0.88800	0.88807				



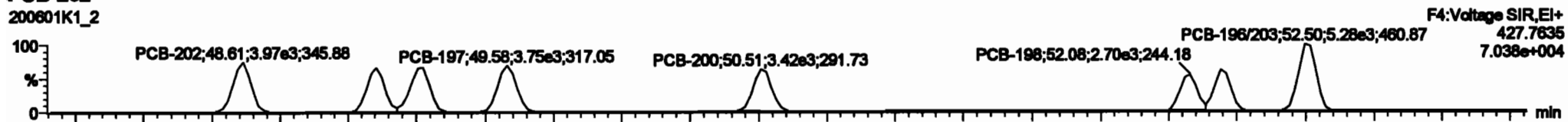
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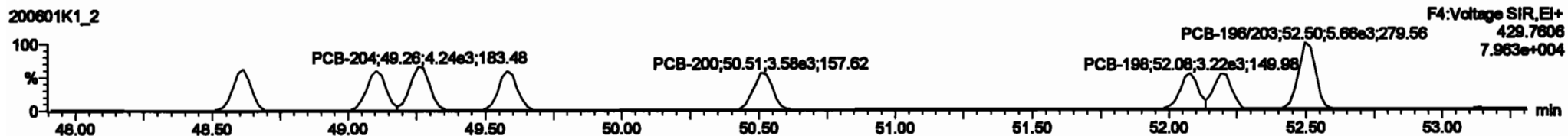
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PCB-202

200601K1_2



200601K1_2

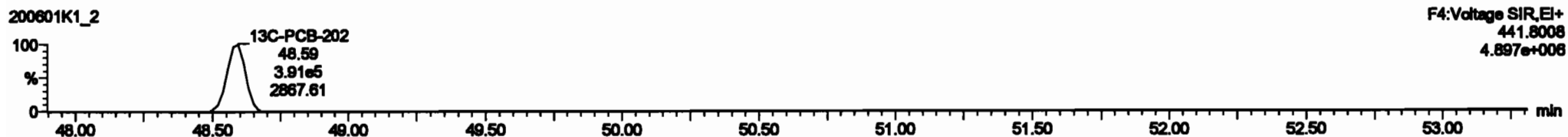


13C-PCB-202

200601K1_2

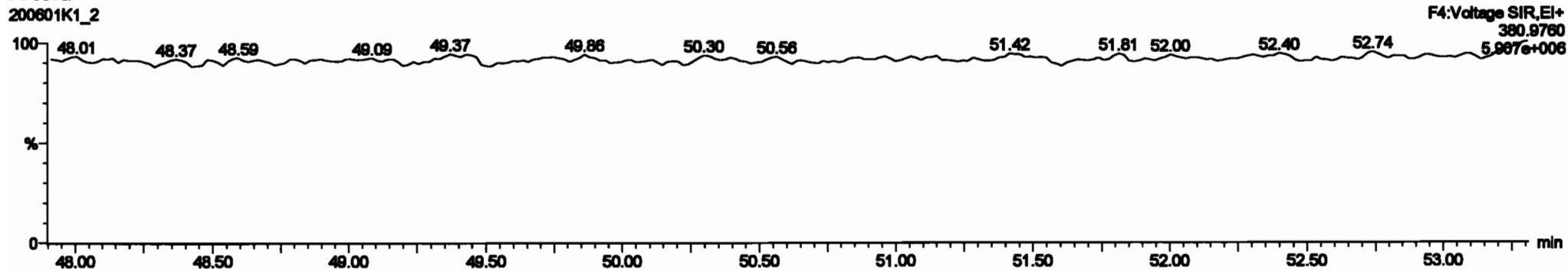


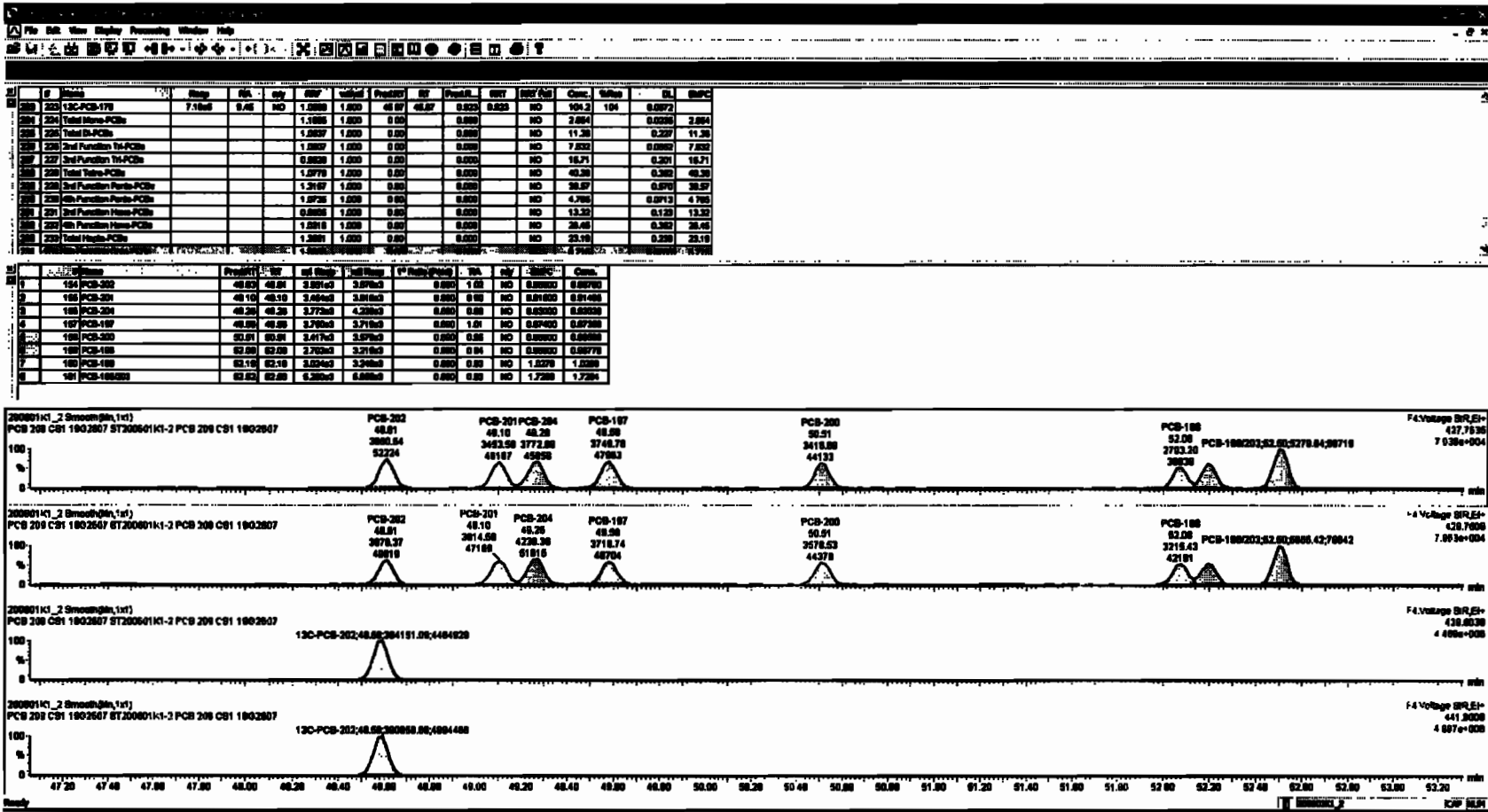
200601K1_2



PFK4d

200601K1_2





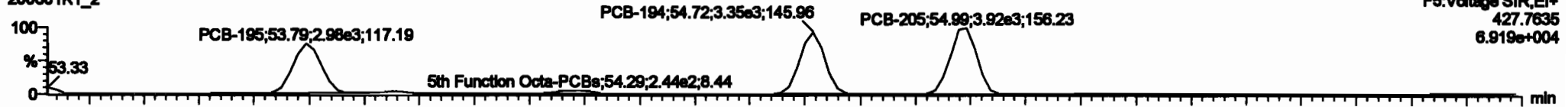
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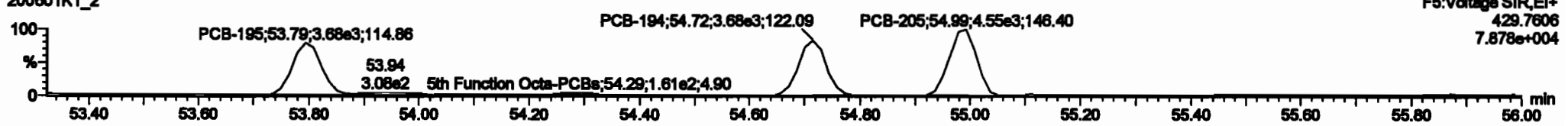
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PCB-195

200601K1_2

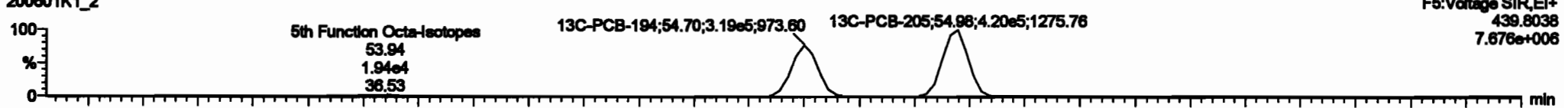


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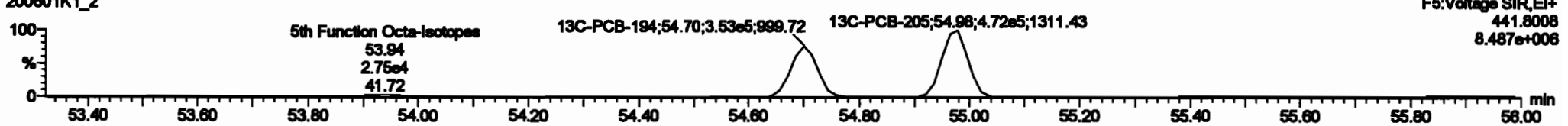


13C-PCB-194

200601K1_2

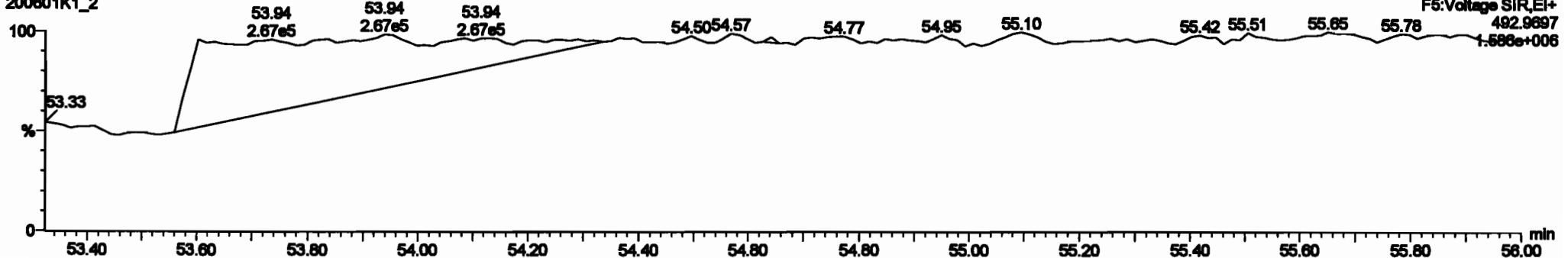


200601K1_2



PFK5a

200601K1_2



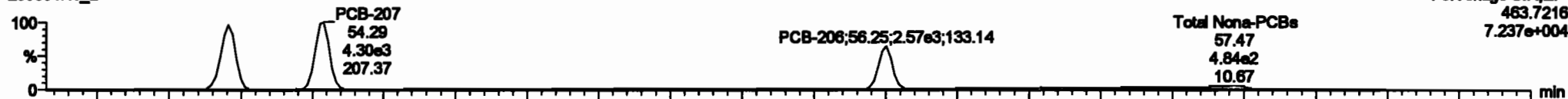
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

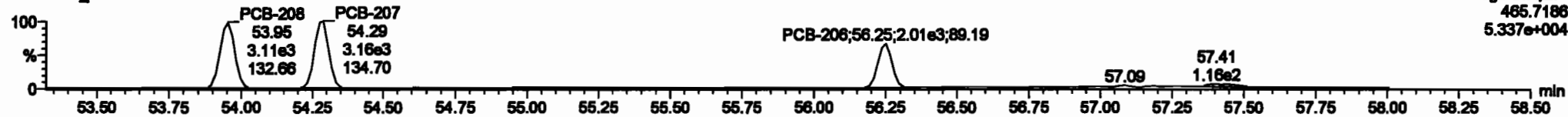
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PCB-208

200601K1_2

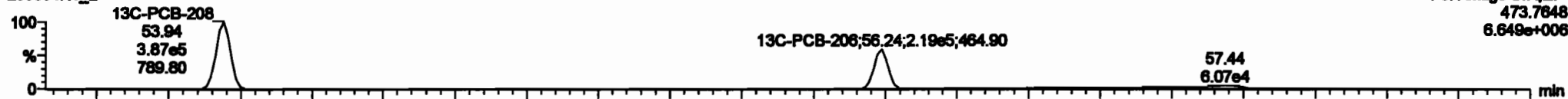


200601K1_2

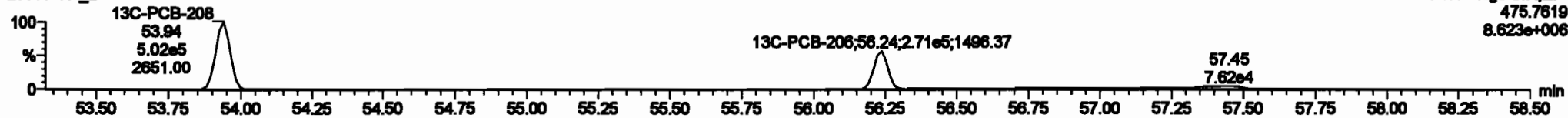


13C-PCB-208

200601K1_2

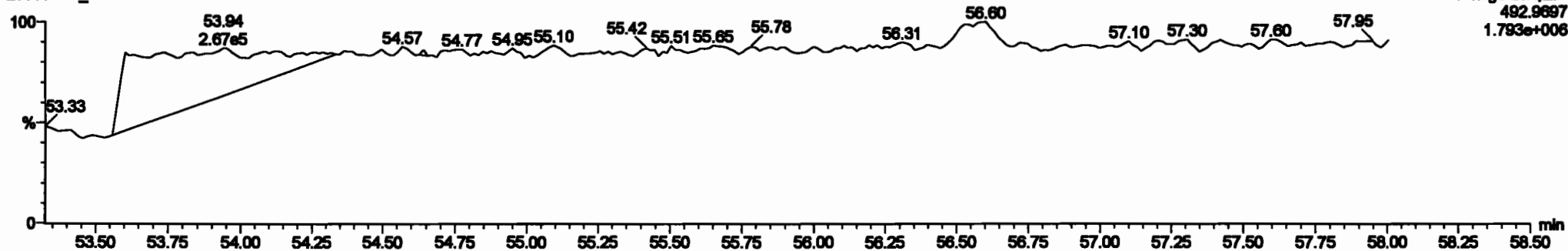


200601K1_2



PFK5

200601K1_2



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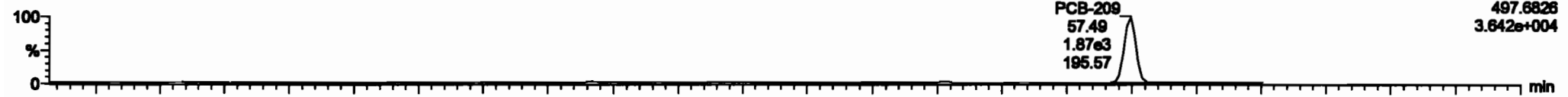
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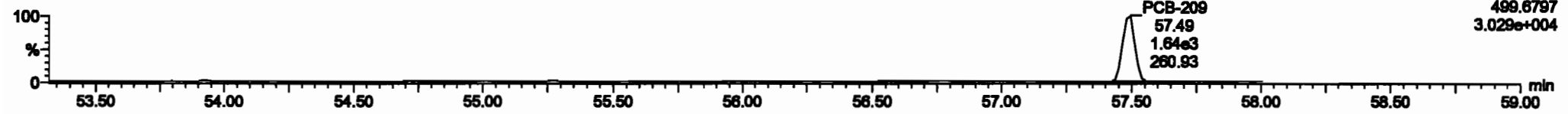
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PCB-209

200601K1_2

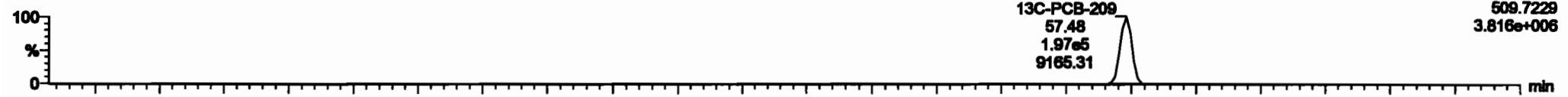


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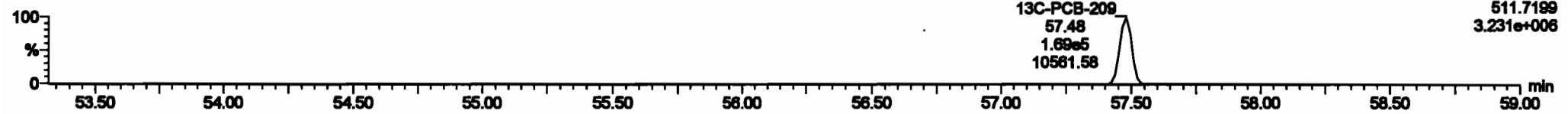


13C-PCB-209

200601K1_2

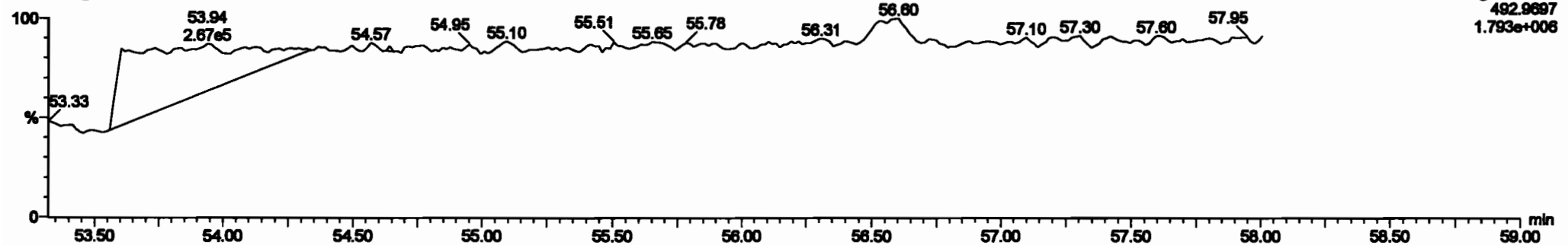


200601K1_2



PFK5b

200601K1_2



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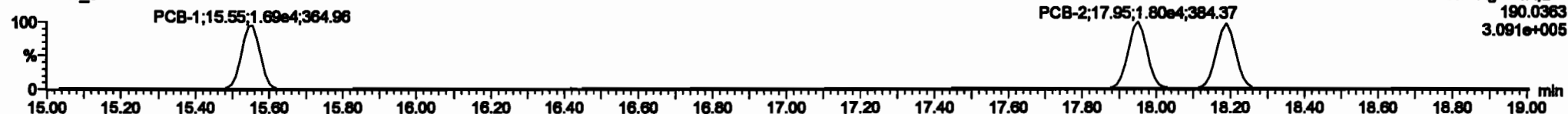
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PCB-1

200601K1_3



200601K1_3

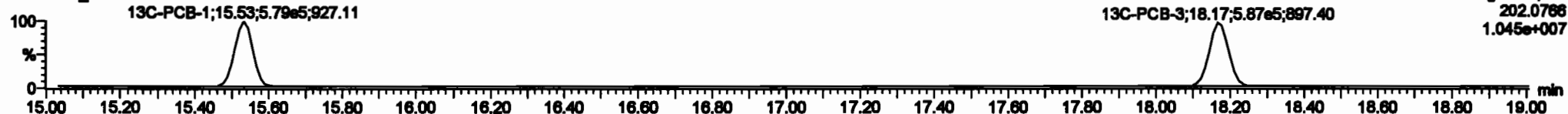


13C-PCB-1

200601K1_3

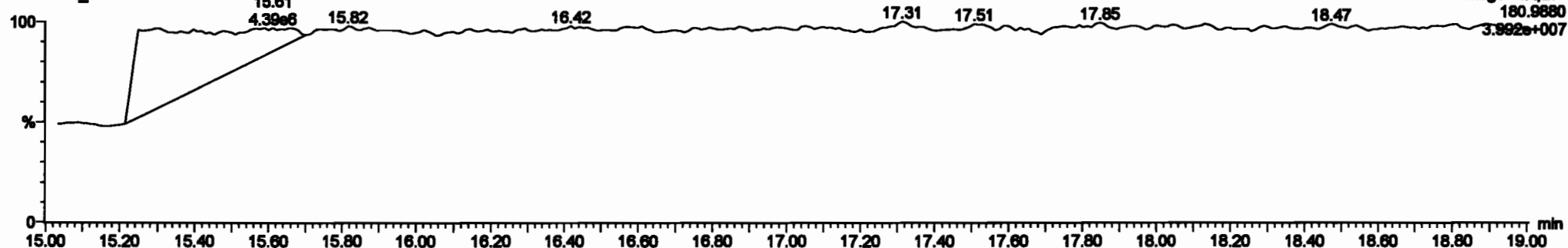


200601K1_3



PFK1

200601K1_3



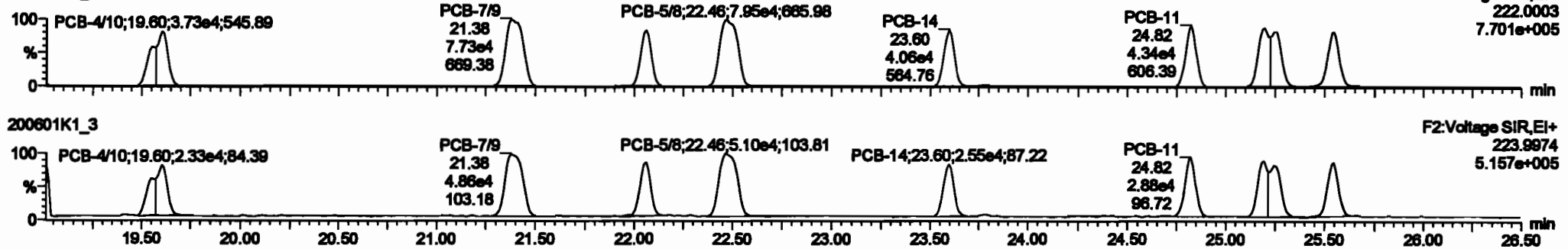
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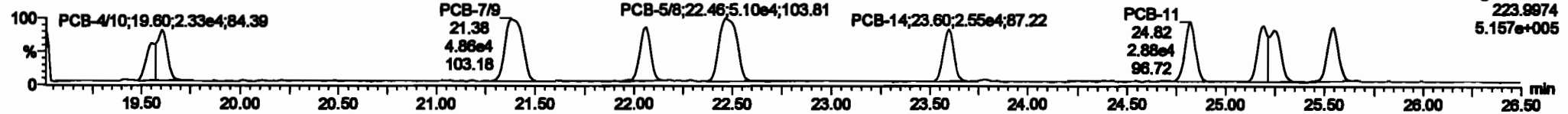
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PCB-4/10

200601K1_3

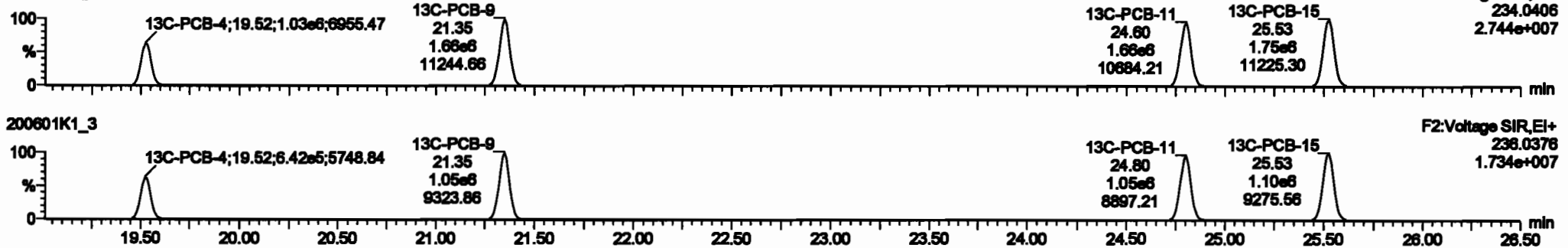


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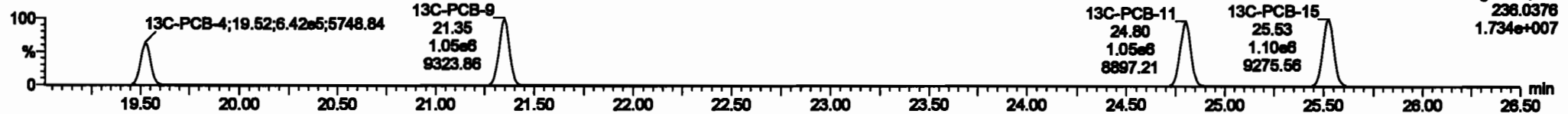


13C-PCB-4

200601K1_3

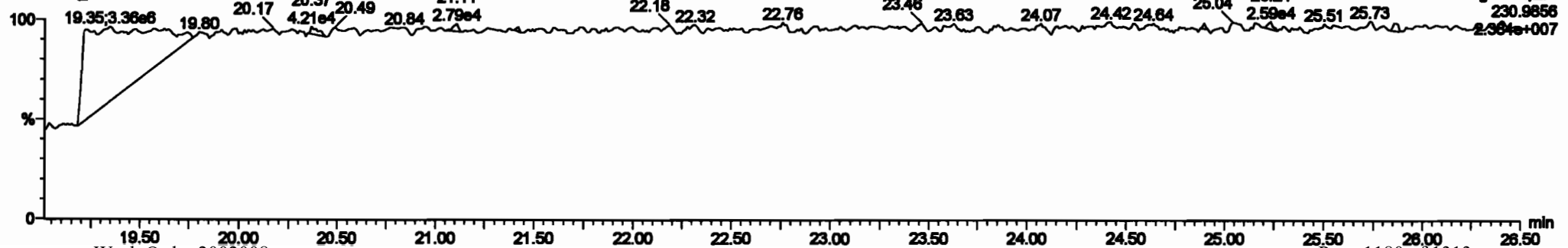


200601K1_3



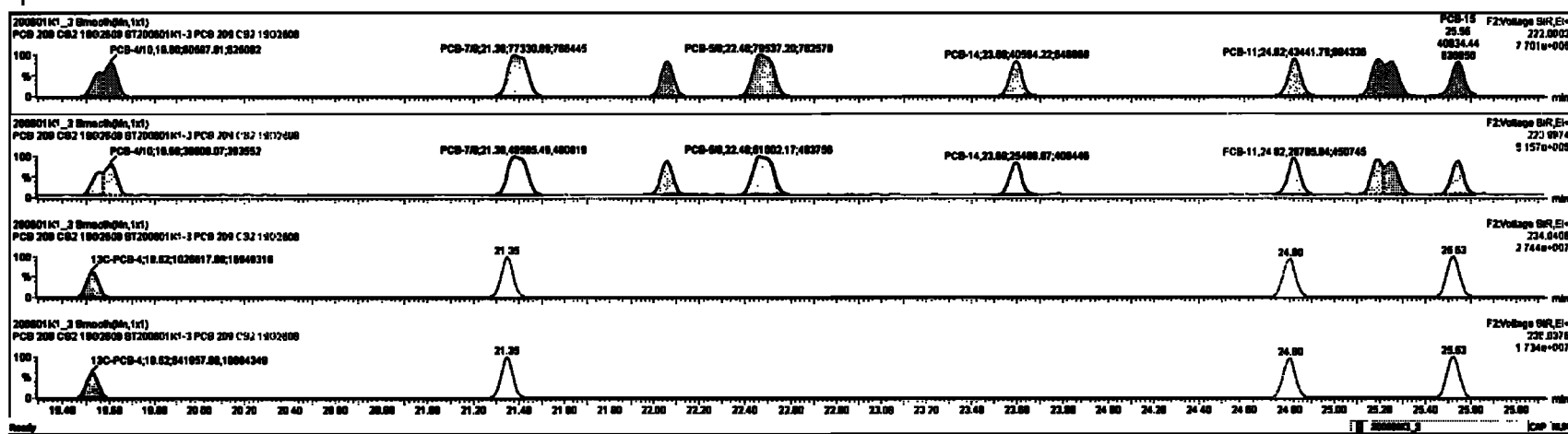
PFK2a

200601K1_3



#	Name	Resp	RA	dy	RF	Initial	Final	RT	Peak	RT	Peak	RT	Peak	Area	Units	SL	DFPC
210	13C-PCB-09	1.21mV	0.70	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0	100	0.0021			
211	13C-PCB-111	1.17mV	1.02	NO	1.0000	1.000	30.25	30.25	1.000	0.000	NO	100.0	100	0.0072			
212	13C-PCB-128	0.70mV	1.25	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0	100	0.120			
213	13C-PCB-105	7.20mV	0.46	NO	1.0000	1.000	40.43	40.43	0.000	0.000	NO	100.0	100	0.0000			
214	13C-PCB-208	0.80mV	0.80	NO	1.0000	1.000	04.00	04.00	1.000	0.000	NO	100.0	100	0.140			
215	13C-PCB-70	1.20mV	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	100.0	100	0.0000			
216	13C-PCB-170	7.20mV	0.44	NO	0.9999	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000			
217	13C-PCB-70	1.20mV	0.70	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	100.0	100	0.0000			
218	13C-PCB-170	7.20mV	0.44	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000			
219	Total Non-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.210	0.000	0.0000	7.210		

#	Name	Peak	RT	Area	Height	FWHM	Skew	Kurt	DFPC	Gain
0	PCB-470	10.00	10.00	0.000e+00	0.000e+00	1.000	1.00	NO	4.7700	4.7700
1	PCB-70	21.01	21.00	2.720e+04	4.000e+03	1.000	1.00	NO	4.9000	4.9000
2	PCB-50	22.00	22.00	4.010e+04	2.000e+03	1.000	1.00	NO	2.3070	2.3070
3	PCB-14	22.00	22.00	7.000e+04	0.100e+03	1.000	1.00	NO	4.0000	4.0000
4	PCB-11	24.00	24.00	4.000e+04	2.500e+03	1.000	1.00	NO	2.3070	2.3000
5	PCB-11	24.00	24.00	4.000e+04	2.500e+03	1.000	1.00	NO	2.3000	2.3000
6	PCB-11	24.00	24.00	4.000e+04	2.500e+03	1.000	1.00	NO	2.3000	2.3000
7	PCB-1203	26.28	26.20	0.210e+04	0.150e+04	1.000	1.00	NO	4.7000	4.7000
8	PCB-16	26.57	26.50	4.000e+04	2.700e+03	1.000	1.00	NO	2.4000	2.4000

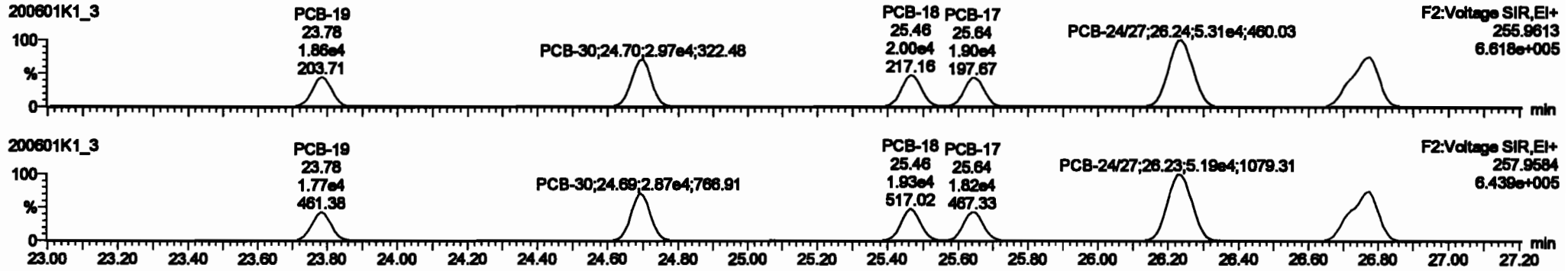


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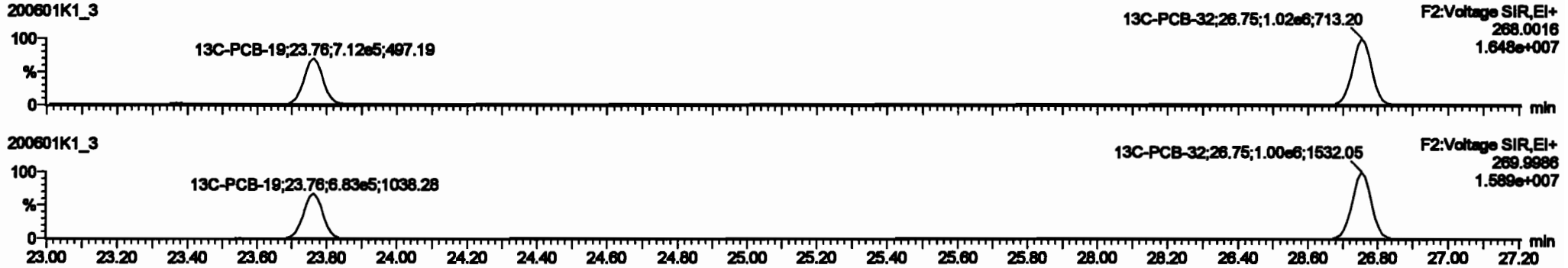
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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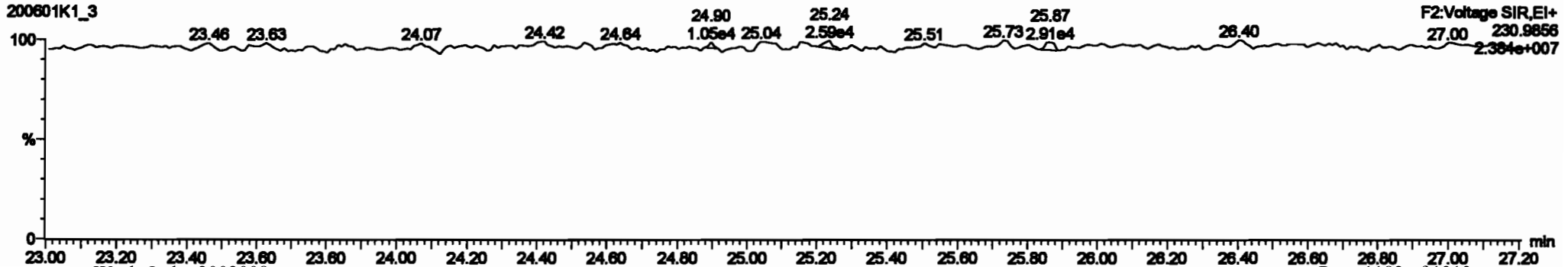
PCB-19



13C-PCB-19

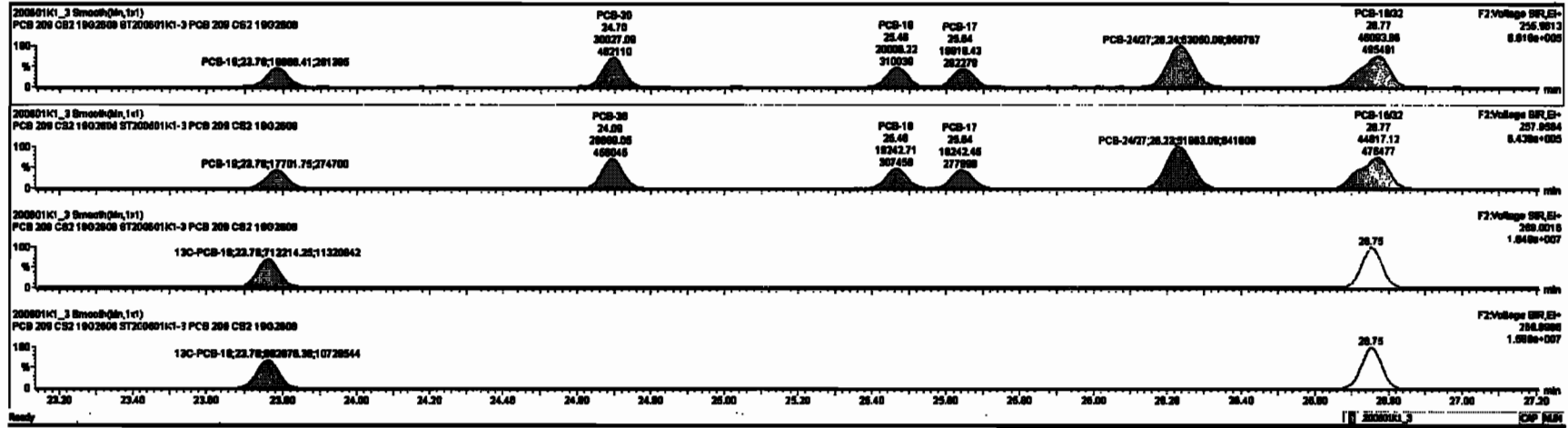


PFK2b



Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height	
216	13C-PCB-80	1.01e6	0.78	NO	1.0000	1.000	26.88	26.88	1.000	0.000	NO	100.0	100	0.0021
218	13C-PCB-111	1.17e6	1.82	NO	1.0000	1.000	26.26	26.26	1.000	0.000	NO	100.0	100	0.0072
217	13C-PCB-128	8.76e5	1.25	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.120
218	13C-PCB-182	7.28e5	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0033
218	13C-PCB-205	8.85e5	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-76	1.83e6	0.78	NO	1.0000	1.000	37.76	37.76	1.000	1.000	NO	88.47	88.5	0.0091
221	13C-PCB-478	7.23e5	0.44	NO	0.7885	1.000	46.80	46.80	0.000	0.000	NO	87.23	87.2	0.0062
220	13C-PCB-76	1.83e6	0.78	NO	1.0021	1.000	37.76	37.76	0.000	0.000	NO	88.87	88.0	0.0094
220	13C-PCB-478	7.23e5	0.44	NO	1.0000	1.000	46.80	46.80	0.000	0.000	NO	88.16	88.2	0.0062
220	Total Mono-PCBs				1.1088	1.000	0.00	0.00	0.000	0.000	NO	7.216		0.0216
220	Total Di-PCBs				1.8887	1.000	0.00	0.00	0.000	0.000	NO	28.88		0.216

Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
12	PCB-16	23.78	23.78	1.889e4	1.770e4	1.040	1.04	NO	2.2870	2.2888			
13	PCB-30	24.80	24.78	3.000e4	2.889e4	1.040	1.04	NO	2.2480	2.2481			
14	PCB-16	26.48	26.48	2.000e4	1.824e4	1.040	1.04	NO	2.2700	2.2702			
16	PCB-17	28.84	28.84	1.889e4	1.824e4	1.040	1.04	NO	2.4200	2.4187			
18	PCB-24/27	28.28	28.24	8.200e4	8.788e4	1.040	1.02	NO	4.7880	4.7878			
17	PCB-18/22	28.77	28.77	4.800e4	4.828e4	1.040	1.02	NO	4.8810	4.8810			

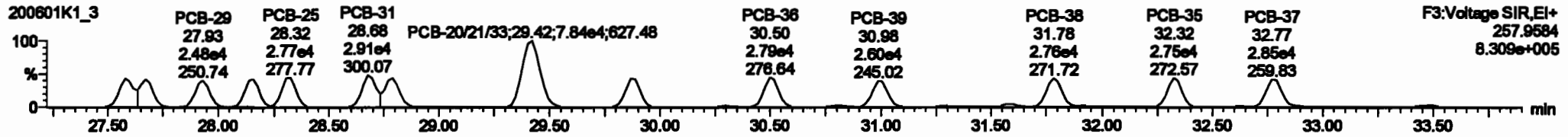
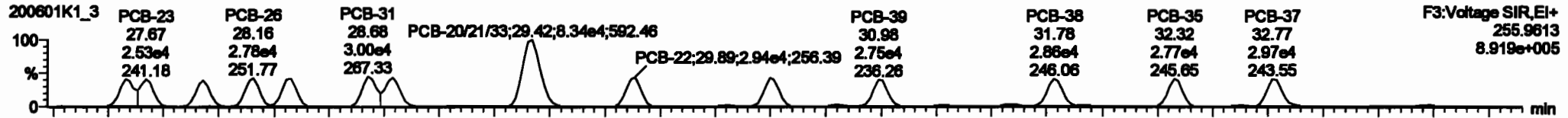


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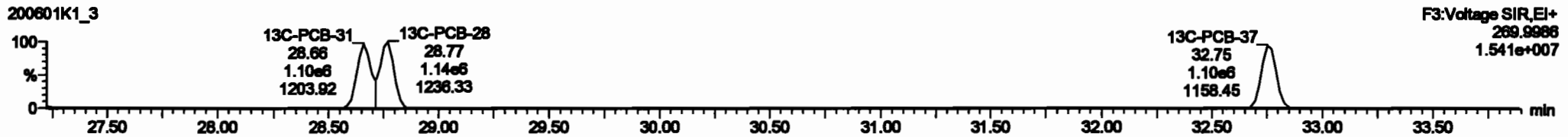
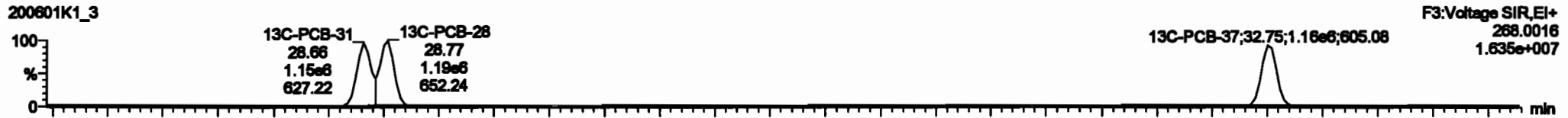
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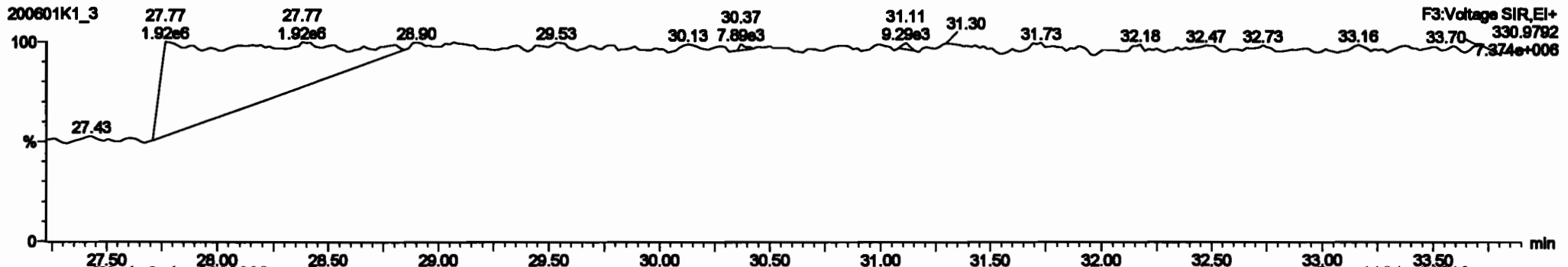
PCB-34



13C-PCB-28

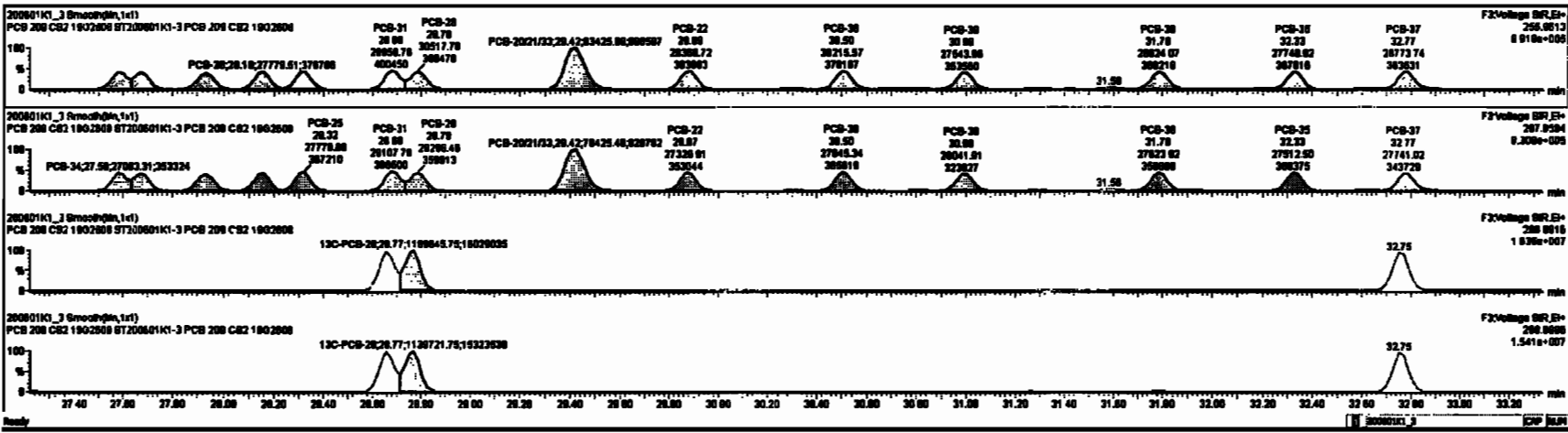


PFK3d



#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Value	SL	MRP
220	Total Value-PCBs					1,0776	1,000	0.00	0.000	NO		101.0	0.232	101.0	0.000
220	2nd Function Parts-PCBs					1,2197	1,000	0.00	0.000	NO		97.92	0.291	97.92	0.000
220	4th Function Parts-PCBs					1,0736	1,000	0.00	0.000	NO		12.19	0.0099	12.19	0.000
220	2nd Function Hous-PCBs					0.0000	1,000	0.00	0.000	NO		32.80	0.0099	32.80	0.000
220	4th Function Hous-PCBs					1.0016	1,000	0.00	0.000	NO		66.73	0.292	66.73	0.000
220	Total Hous-PCBs					1.0031	1,000	0.00	0.000	NO		99.53	0.000	99.53	0.000
220	4th Function Ouds-PCBs					1.0000	1,000	0.00	0.000	NO		21.80	0.0000	21.80	0.000
220	6th Function Ouds-PCBs					1.1480	1,000	0.00	0.000	NO		6.674	0.0043	6.674	0.000
220	Total Hous-PCBs					0.0000	1,000	0.00	0.000	NO		7.284	0.0007	7.284	0.000
220	Total PCBs					0.0004	1,000	0.00	0.000	NO		2.430	0.0000	2.430	0.000

#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Value	SL	MRP
18	PCB-24	27.00	27.00	2,700ea	2,700ea	1.040	1.02	NO	2,400	2,400		2,400	2,400		
19	PCB-25	27.00	27.00	2,400ea	2,400ea	1.040	1.04	NO	2,400	2,400		2,400	2,400		
20	PCB-26	27.00	27.00	2,400ea	2,400ea	1.040	1.01	NO	2,400	2,400		2,400	2,400		
21	PCB-28	28.10	28.10	2,700ea	2,700ea	1.040	1.07	NO	2,400	2,400		2,400	2,400		
22	PCB-29	28.31	28.31	2,700ea	2,700ea	1.040	1.05	NO	2,400	2,400		2,400	2,400		
23	PCB-31	28.00	28.00	2,400ea	2,400ea	1.040	1.05	NO	2,400	2,400		2,400	2,400		
24	PCB-28	28.70	28.70	2,400ea	2,400ea	1.040	1.05	NO	2,400	2,400		2,400	2,400		
25	PCB-2021483	28.40	28.40	0.500ea	0.500ea	1.040	1.05	NO	2,400	2,400		2,400	2,400		
26	PCB-22	28.00	28.00	2,700ea	2,700ea	1.040	1.05	NO	2,400	2,400		2,400	2,400		



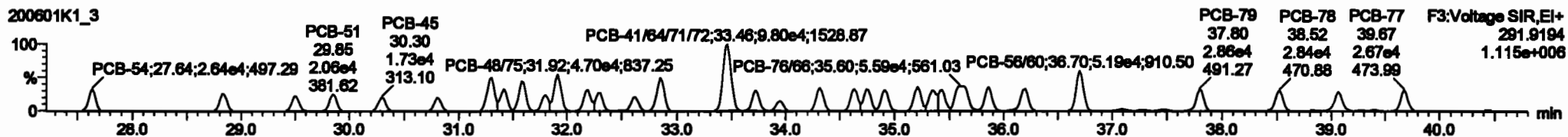
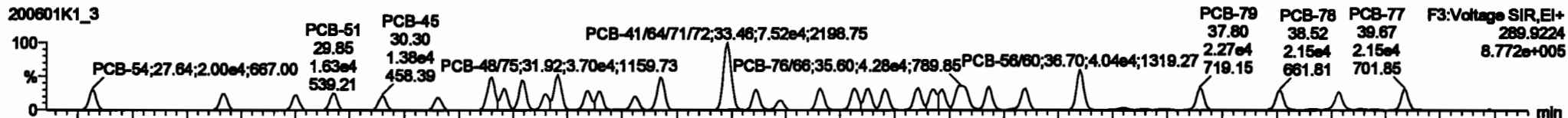
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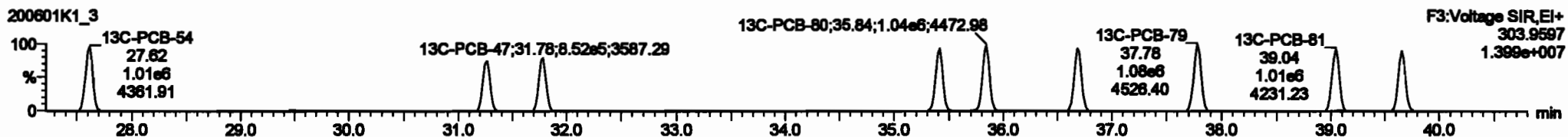
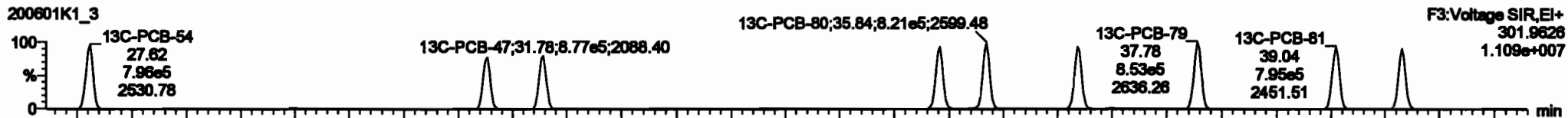
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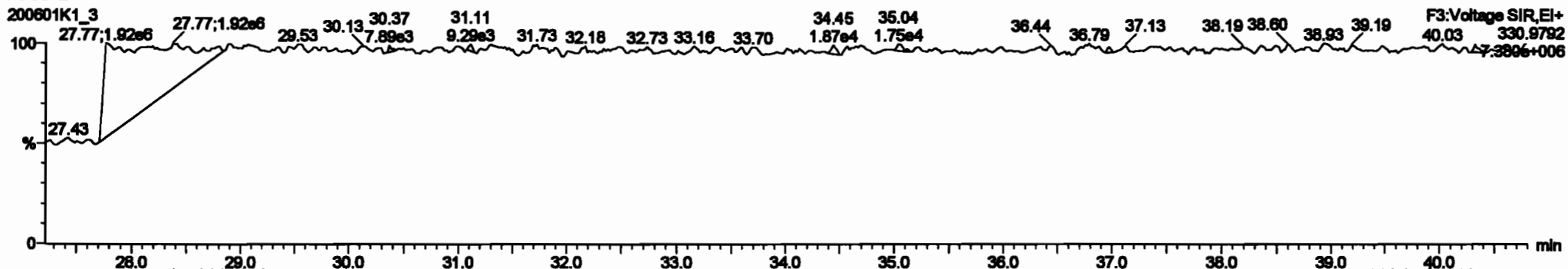
PCB-54



13C-PCB-54



PFK3a



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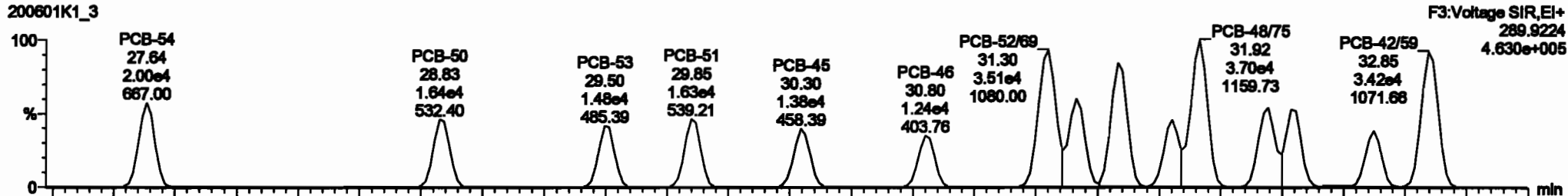
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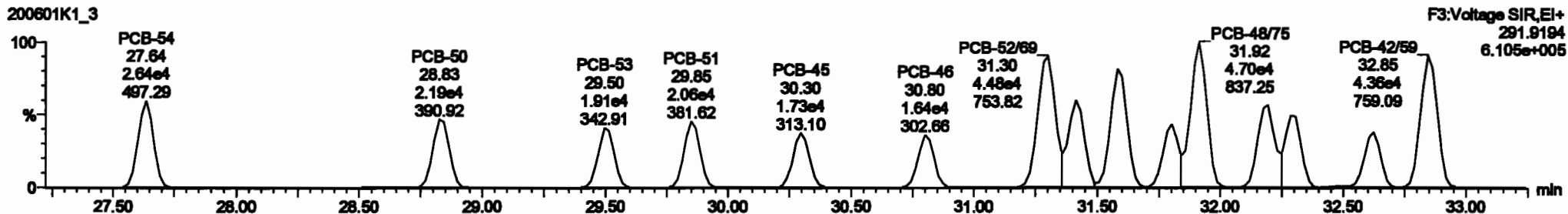
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PCB-50

200601K1_3

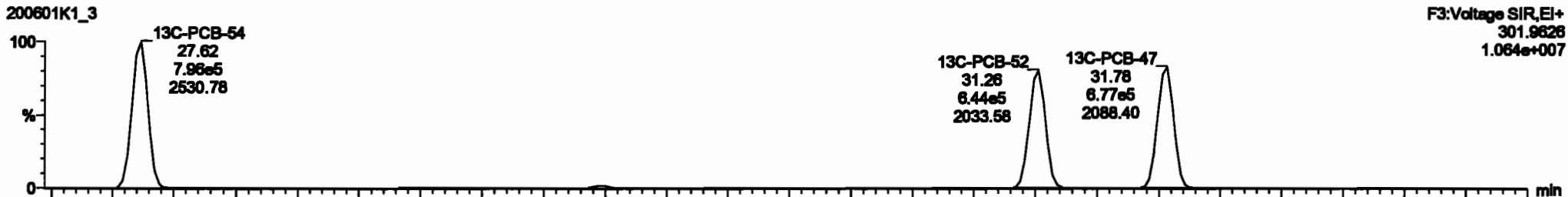


200601K1_3

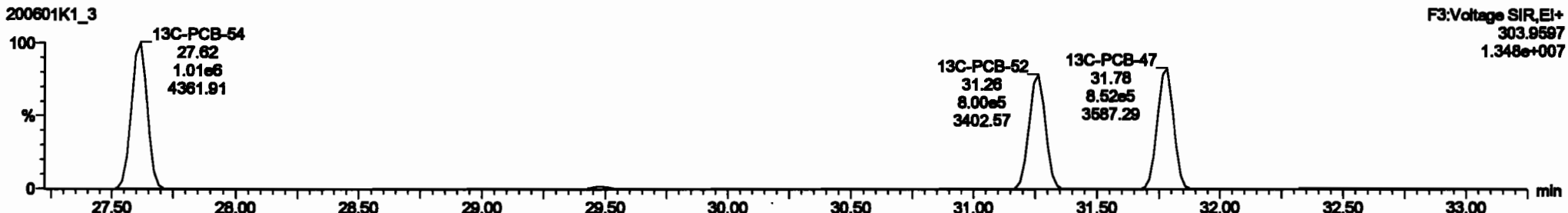


13C-PCB-52

200601K1_3



200601K1_3



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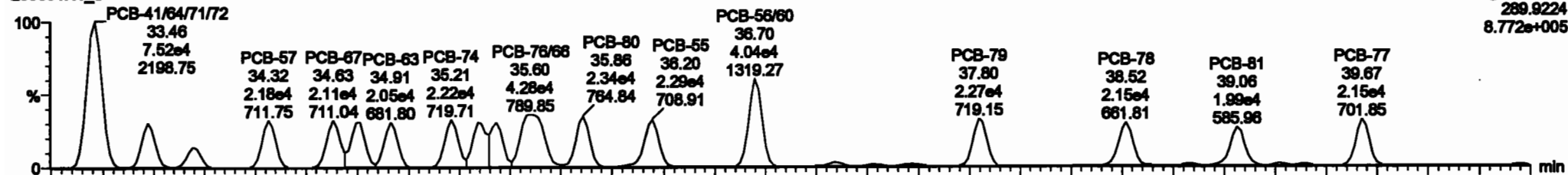
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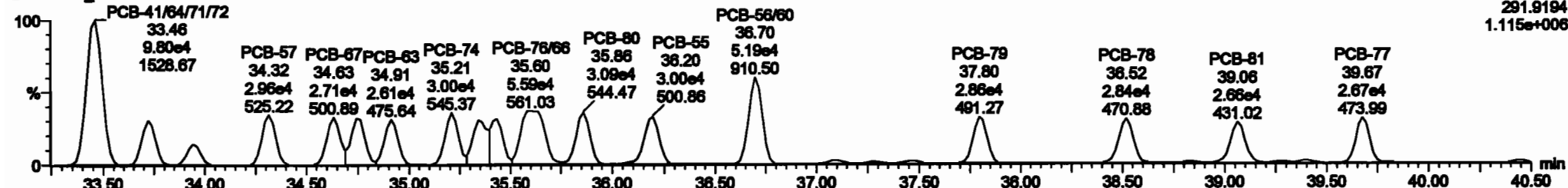
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PCB-68

200601K1_3

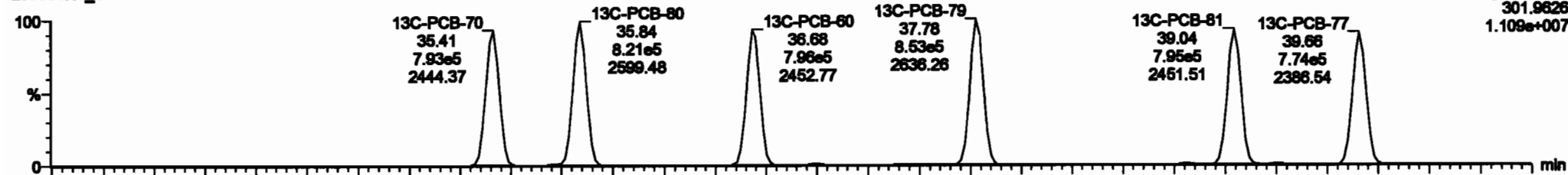


200601K1_3

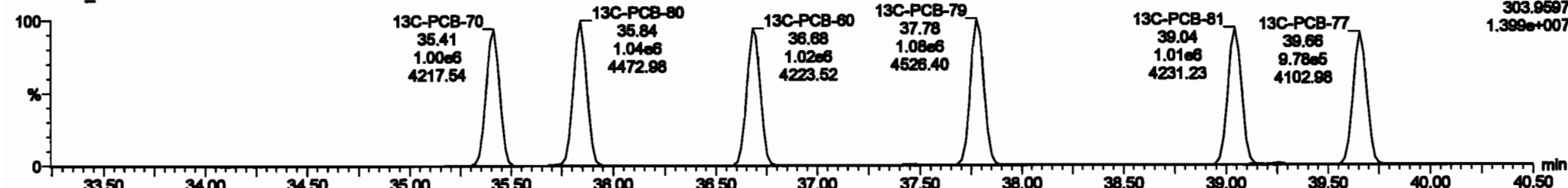


13C-PCB-60

200601K1_3

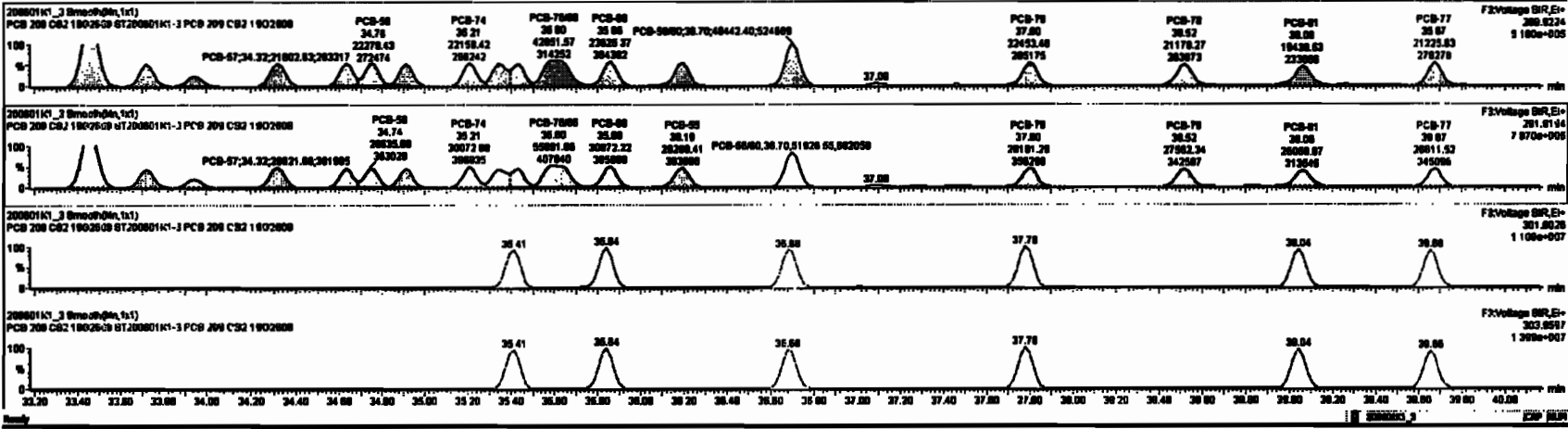


200601K1_3



#	Mass	Resp	RA	Rel	Off	Value	RelOff	Off	Preval	Off	Off	Off	Off	Off	Off	Off	Off	Off
227	2nd Puriton Tri-PCBs					0.0020	1.000	0.00	0.000	0.00	0.000	MD	38.01	0.204	38.01			
228	2nd Puriton Penta-PCBs					1.2187	1.000	0.80	0.000	0.000	MD	37.83	6.371	37.83				
229	4th Puriton Penta-PCBs					1.0736	1.000	0.00	0.000	0.000	MD	12.18	0.0070	12.18				
230	2nd Puriton Hepta-PCBs					0.0000	1.000	0.00	0.000	0.000	MD	33.88	0.0070	33.88				
231	4th Puriton Hepta-PCBs					1.0016	1.000	0.00	0.000	0.000	MD	38.73	0.372	38.73				
232	Total Hepta-PCBs					1.3881	1.000	0.00	0.000	0.000	MD	37.74	0.488	37.74				
233	2nd Puriton Octa-PCBs					1.0000	1.000	0.00	0.000	0.000	MD	21.88	0.000	21.88				
234	4th Puriton Octa-PCBs					1.1488	1.000	0.00	0.000	0.000	MD	6.874	0.004	6.874				
235	Total Octa-PCBs					0.0020	1.000	0.00	0.000	0.000	MD	7.284	0.007	7.284				
236	Total PCBs					0.0004	1.000	0.00	0.000	0.000	MD	2.423	0.0070	2.423				

#	Mass	Preval	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
30	PCB-81	27.84	27.84	1.880e4	2.880e4	0.770	0.76	MD	2.3770	2.3771								
31	PCB-82	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.6140	2.6139								
32	PCB-83	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3848								
33	PCB-84	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3876								
34	PCB-85	30.30	30.30	1.377e4	1.720e4	0.770	0.80	MD	2.8070	2.8076								
35	PCB-86	30.30	30.30	1.377e4	1.720e4	0.770	0.79	MD	2.8050	2.8016								
36	PCB-87	31.30	31.30	1.813e4	4.670e4	0.770	0.78	MD	4.7420	4.7426								
37	PCB-72	31.41	31.41	2.150e4	2.780e4	0.770	0.77	MD	2.3830	2.3833								
38	PCB-42B	31.80	31.80	3.020e4	7.880e4	0.770	0.76	MD	4.8820	4.8818								



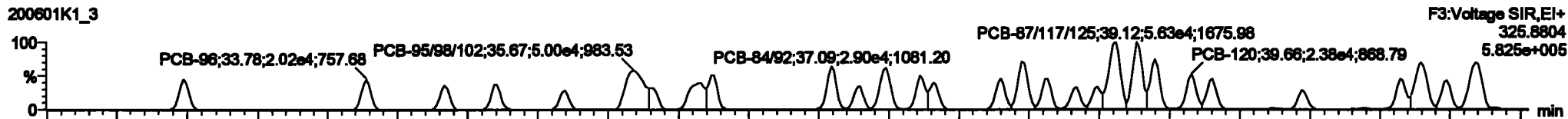
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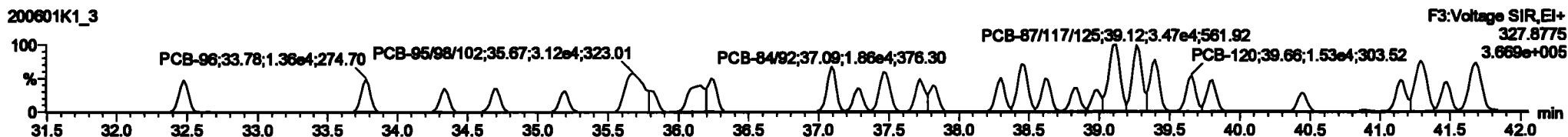
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PCB-104

200601K1_3

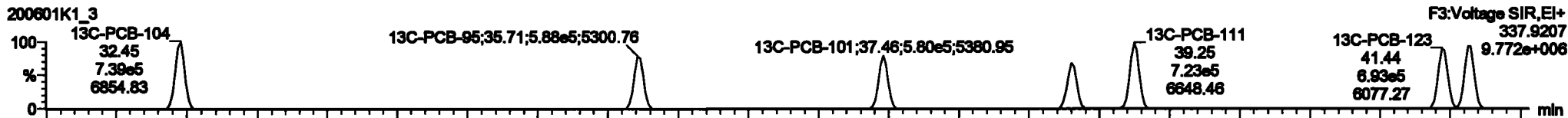


200601K1_3

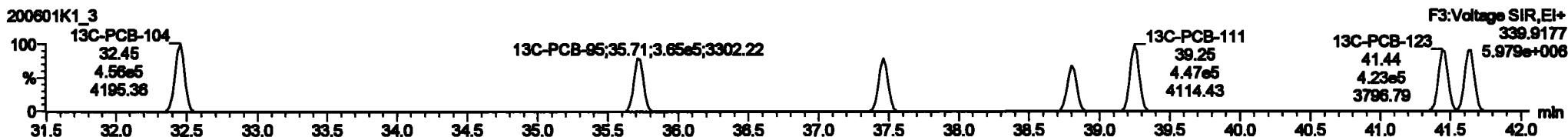


13C-PCB-104

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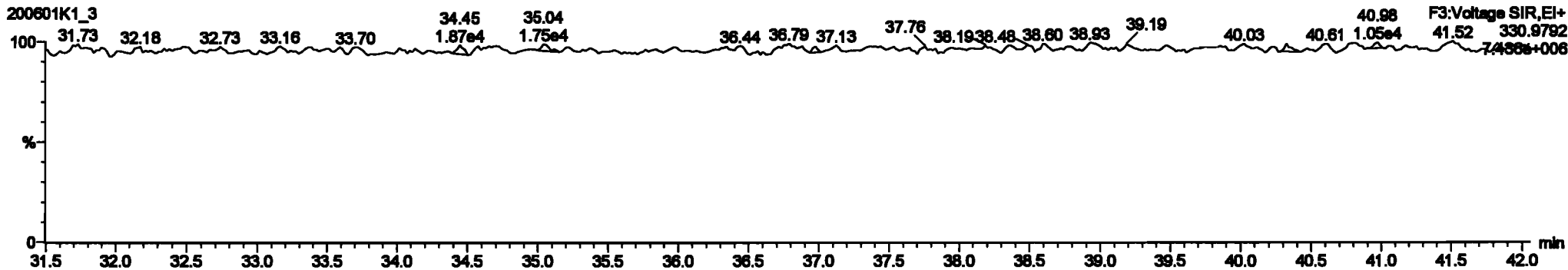


200601K1_3



PFK3b

200601K1_3

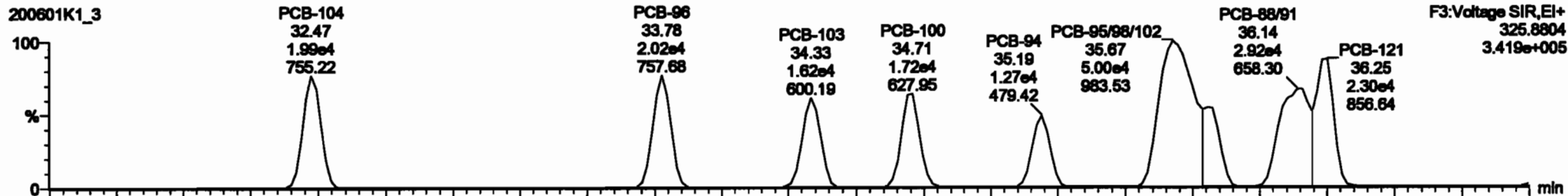


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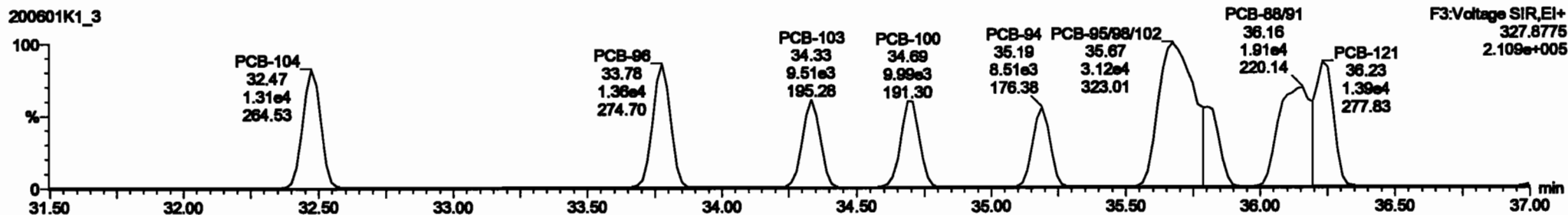
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PCB-96



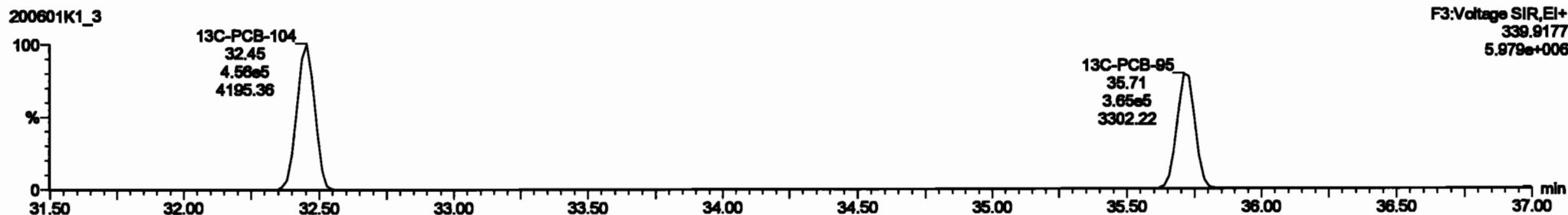
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13C-PCB-95



200601K1_3

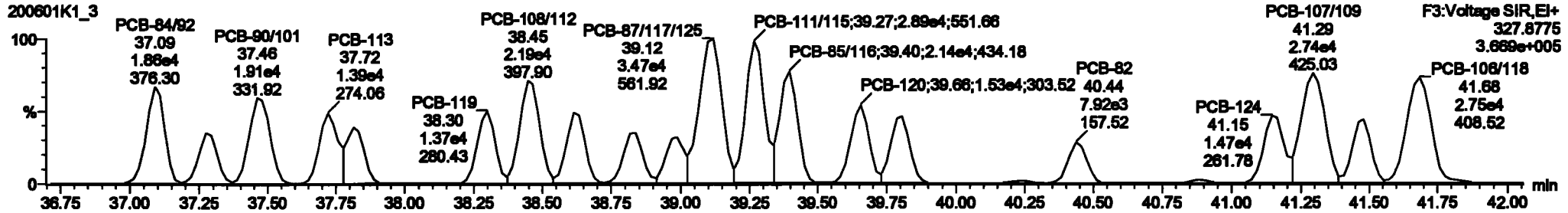
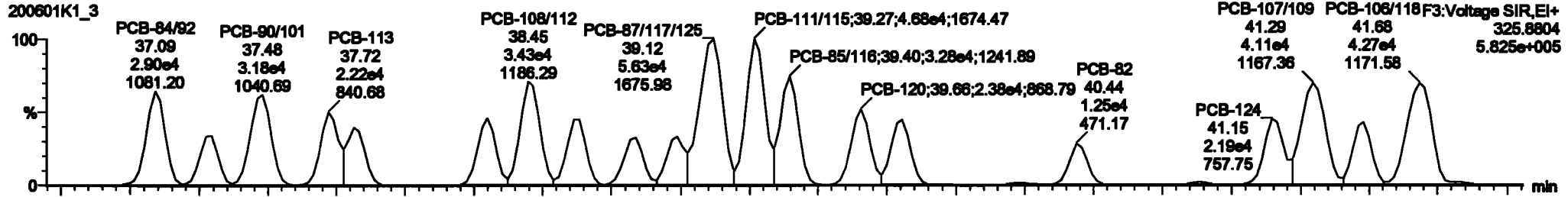


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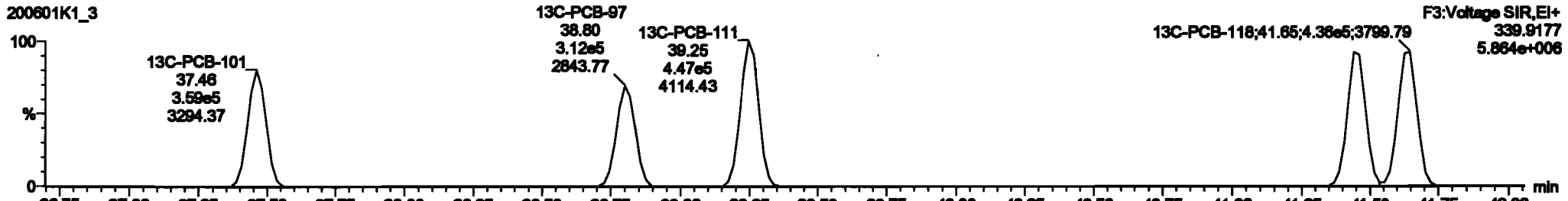
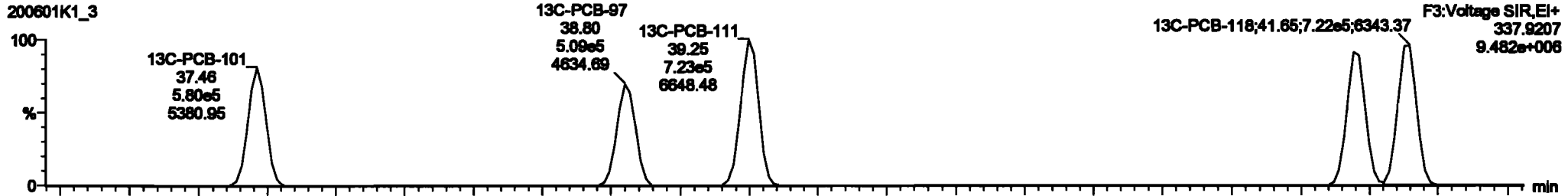
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PCB-119

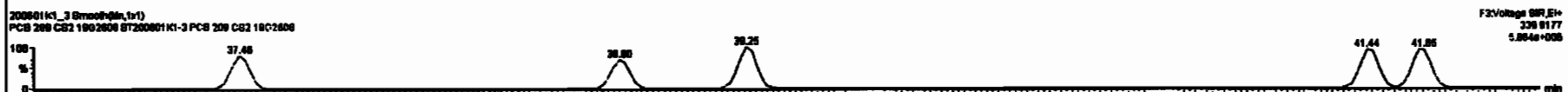
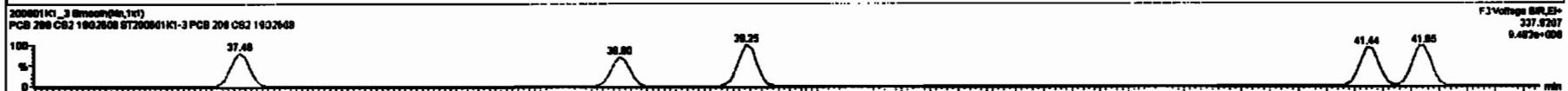
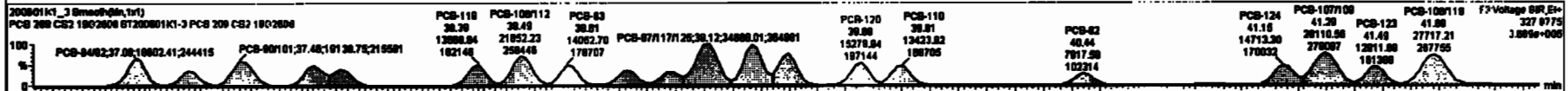
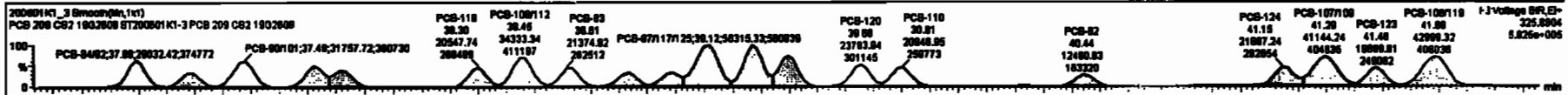


13C-PCB-111



ID	Name	Step	BA	Qty	RFY	RFY2	Preval1	RFY	Preval2	RFY	RFY Fail	Comp.	Wtms	CL	BMP
227	2nd Purition 14-PCBs				0.0020	1.000	0.00		0.000		NO	30.01	0.294	30.01	
228	Total Tetro-PCBs				1.0770	1.000	0.00		0.000		NO	101.0	0.323	101.0	
229	4th Purition Para-PCBs				1.0726	1.000	0.00		0.000		NO	12.10	0.079	12.10	
230	2nd Purition Para-PCBs				0.0000	1.000	0.00		0.000		NO	32.00	0.000	32.00	
231	4th Purition Para-PCBs				1.0310	1.000	0.00		0.000		NO	08.73	0.272	08.73	
232	Total Hecto-PCBs				1.3001	1.000	0.00		0.000		NO	07.34	0.400	07.34	
233	4th Purition Octa-PCBs				1.0000	1.000	0.00		0.000		NO	21.00	0.000	21.00	
234	2nd Purition Octa-PCBs				1.1400	1.000	0.00		0.000		NO	0.674	0.0043	0.674	
235	Total Hexa-PCBs				0.0020	1.000	0.00		0.000		NO	7.204	0.0007	7.204	
237	Dioxin-CB				0.0004	1.000	0.00		0.000		NO	2.420	0.0000	2.420	
238	Total PCBs														

ID	Name	Preval1	RFY	RFY2	RFY3	RFY4	RFY5	RFY6	RFY7	BMP	Comp.
64	PCB-104	32.47	32.47	1.000e4	1.300e4	1.000	1.02	NO	2.4000	2.4000	
65	PCB-80	30.70	30.70	2.017e4	1.300e4	1.000	1.40	NO	2.4000	2.4000	
66	PCB-100	34.30	34.30	1.000e4	0.000e0	1.000	1.71	NO	2.3010	2.3000	
67	PCB-100	34.00	34.71	1.717e4	0.000e0	1.000	1.72	NO	2.3030	2.3001	
68	PCB-84	30.10	30.10	1.272e4	0.010e0	1.000	1.40	NO	2.3400	2.3401	
69	PCB-0000102	30.07	30.07	0.000e4	3.117e4	1.000	1.01	NO	7.0700	7.0704	
70	PCB-83	30.70	30.81	1.200e4	7.010e0	1.000	1.70	NO	2.3000	2.3007	
71	PCB-00001	30.14	30.14	2.000e4	1.000e4	1.000	1.00	NO	4.7000	4.7004	
72	PCB-121	30.20	30.20	2.000e4	1.300e4	1.000	1.00	NO	2.2700	2.2000	



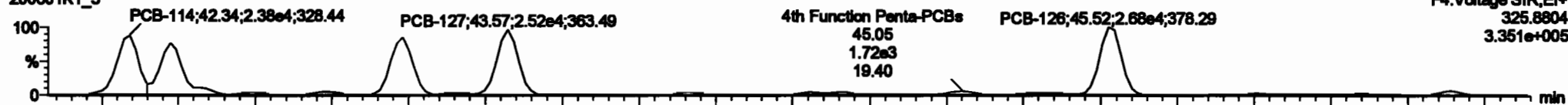
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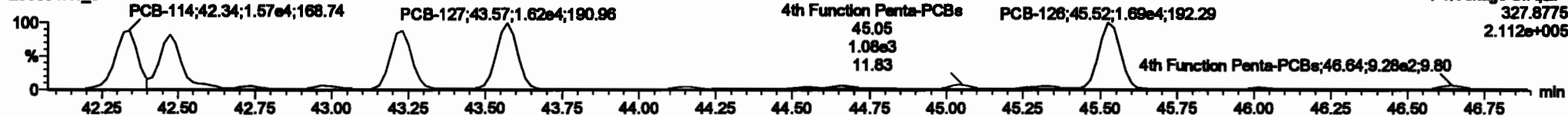
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PCB-114

200601K1_3

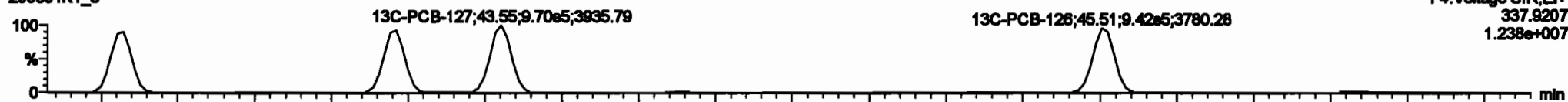


200601K1_3

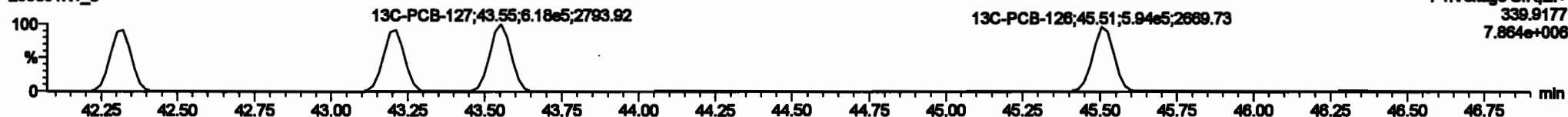


13C-PCB-114

200601K1_3

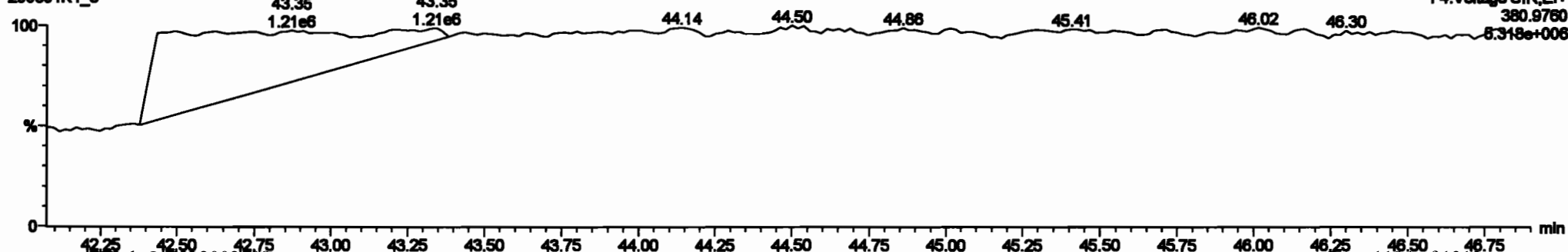


200601K1_3



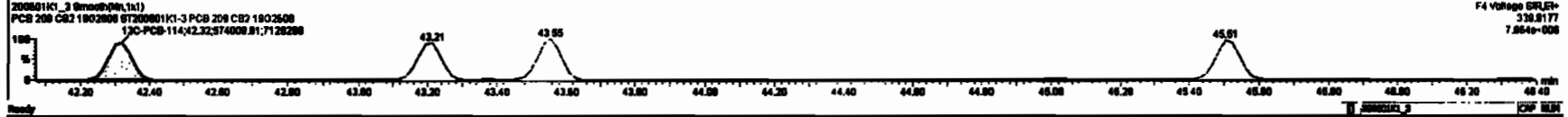
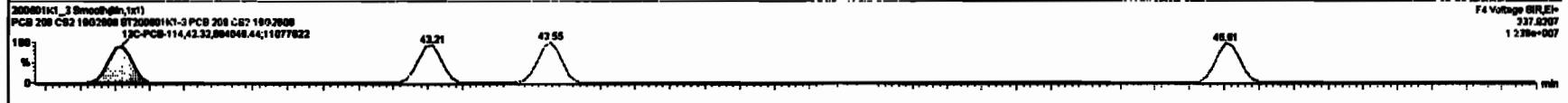
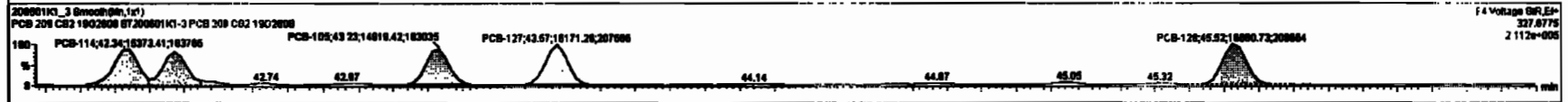
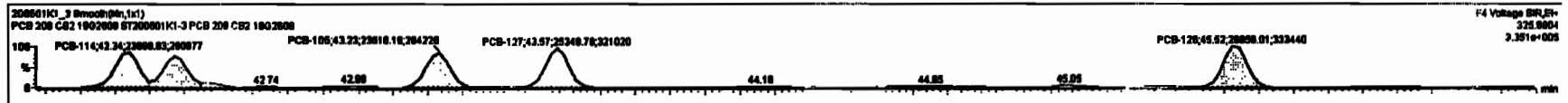
PFK4a

200601K1_3



#	Name	Range	RA	dy	RF	Initial	ProdRT	RT	ProdR	RFY	ProdF	Chm	SPM	SL	BPFC
227	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.000	NO	38.01			0.284	38.01	
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.000	NO	101.0			0.222	101.0	
229	2nd Function Para-PCBs				1.2167	1.000	0.00	0.000	NO	67.02			0.271	67.02	
230	2nd Function Ortho-PCBs				0.0000	1.000	0.00	0.000	NO	0.000			0.000	0.000	
231	2nd Function Meta-PCBs				0.0000	1.000	0.00	0.000	NO	32.89			0.000	32.89	
232	4th Function Para-PCBs				1.0216	1.000	0.00	0.000	NO	66.73			0.272	66.73	
233	Total Hepta-PCBs				1.2091	1.000	0.00	0.000	NO	67.74			0.406	67.74	
234	4th Function Ortho-PCBs				1.0000	1.000	0.00	0.000	NO	21.86			0.000	21.86	
235	4th Function Para-PCBs				1.1480	1.000	0.00	0.000	NO	6.674			0.000	6.674	
236	Total Hexa-PCBs				0.0000	1.000	0.00	0.000	NO	7.284			0.000	7.284	
237	Total PCBs				0.0000	1.000	0.00	0.000	NO	2.420			0.000	2.420	

#	Name	ProdRT	RT	RF	RFY	ProdF	Chm	SPM	SL	BPFC
80	PCB-114	42.34	42.34	2.370e4	1.000e4	1.000	1.04	NO	2.320	2.320
84	PCB-122	42.48	42.47	2.122e4	1.370e4	1.000	1.04	NO	2.020	2.020
86	PCB-105	43.20	43.20	2.382e4	1.000e4	1.000	1.00	NO	2.000	2.000
88	PCB-127	43.67	43.67	2.000e4	1.000e4	1.000	1.07	NO	2.000	2.000
89	PCB-126	45.52	45.52	2.000e4	1.000e4	1.000	1.01	NO	2.010	2.010



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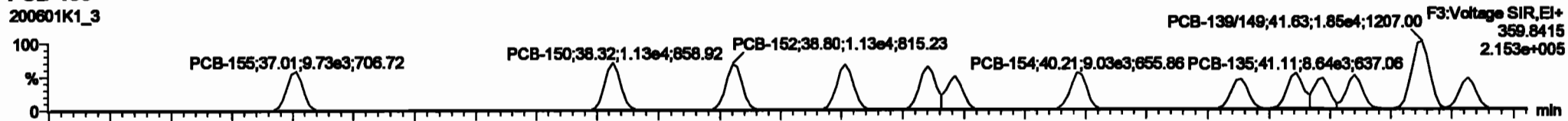
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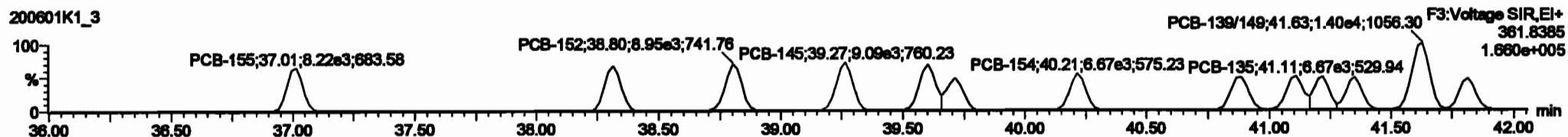
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PCB-155

200601K1_3



200601K1_3

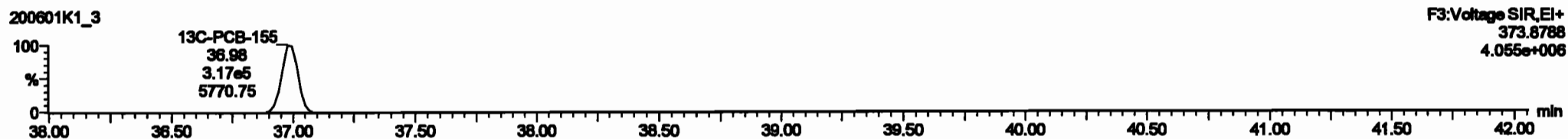


13C-PCB-155

200601K1_3

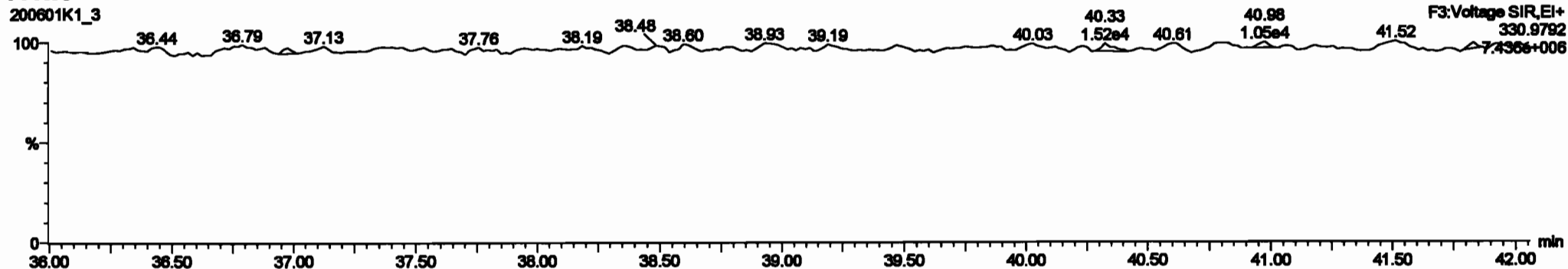


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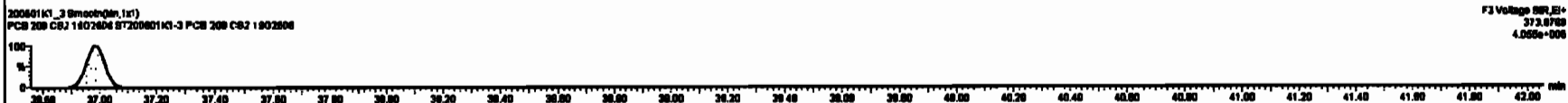
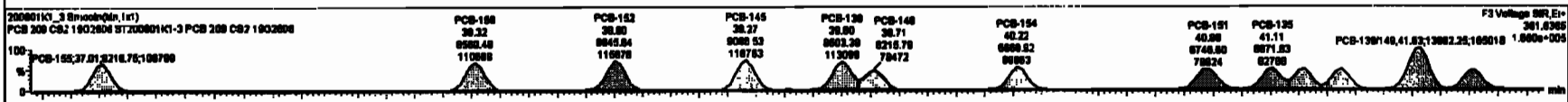
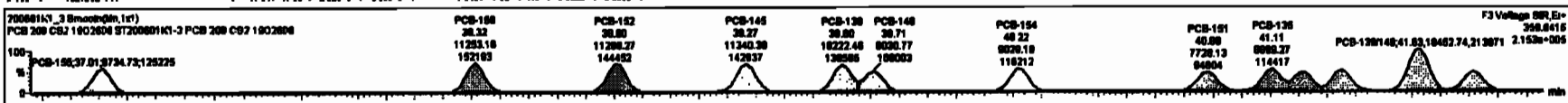
PFK3c

200601K1_3



#	Name	Resp	RA	inj	RRT	width	PeakOff	RT	PeakH	SWT	RWT (m)	Comp.	Area	Area%	Temp
227	2nd Puriton TH-PCBs				0.000	1.000	0.000	ND	38.01	NO	38.01	0.284	38.01		
228	Total Tetra-PCBs				1.0770	1.000	0.000	NO	101.0			0.322	101.0		
229	2nd Puriton Penta-PCBs				1.2497	1.000	0.000	NO	67.82			0.371	67.82		
230	2nd Puriton Hexa-PCBs				1.0736	1.000	0.000	NO	12.18			0.0070	12.18		
231	2nd Puriton Hepta-PCBs				0.0000	1.000	0.000	NO	0.0000			0.0000	0.0000		
232	4th Puriton Hexa-PCBs				1.0018	1.000	0.000	NO	68.73			0.272	68.73		
233	Total Hepta-PCBs				1.3881	1.000	0.000	NO	67.74			0.488	67.74		
234	4th Puriton Octa-PCBs				1.0000	1.000	0.000	NO	21.89			0.0000	21.89		
235	2nd Puriton Octa-PCBs				1.1488	1.000	0.000	NO	6.874			0.0043	6.874		
236	Total Nona-PCBs				0.0000	1.000	0.000	NO	7.384			0.0007	7.384		
237	2nd Deca-CD				0.0004	1.000	0.000	NO	2.420			0.0000	2.420		
238	Total PCBs														

#	Name	PeakOff	RT	inj Resp	std Resp	T* Ratio (Peak)	RA	inj	Temp	Comp.
1	100 PCB-150	37.01	37.01	0.720e2	0.217e0	1.240	1.18	NO	2.3300	2.3300
2	100 PCB-160	38.30	38.32	1.120e4	0.000e0	1.240	1.32	NO	2.4800	2.4800
3	100 PCB-162	38.80	38.80	1.120e4	0.040e0	1.240	1.28	NO	2.3100	2.3170
4	101 PCB-148	38.20	38.27	1.120e4	0.007e0	1.240	1.26	NO	2.3200	2.3200
5	100 PCB-138	38.80	38.80	1.000e4	0.000e0	1.240	1.20	NO	2.4000	2.4000
6	100 PCB-140	38.72	38.71	0.001e0	0.210e0	1.240	1.20	NO	2.3010	2.3007
7	104 PCB-164	40.20	40.22	0.000e0	0.000e0	1.240	1.30	NO	2.3220	2.3217
8	100 PCB-191	40.80	40.80	7.720e0	0.247e0	1.240	1.14	NO	2.0010	2.0012
9	100 PCB-135	41.10	41.11	0.000e0	0.072e0	1.240	1.20	NO	2.2800	2.2806

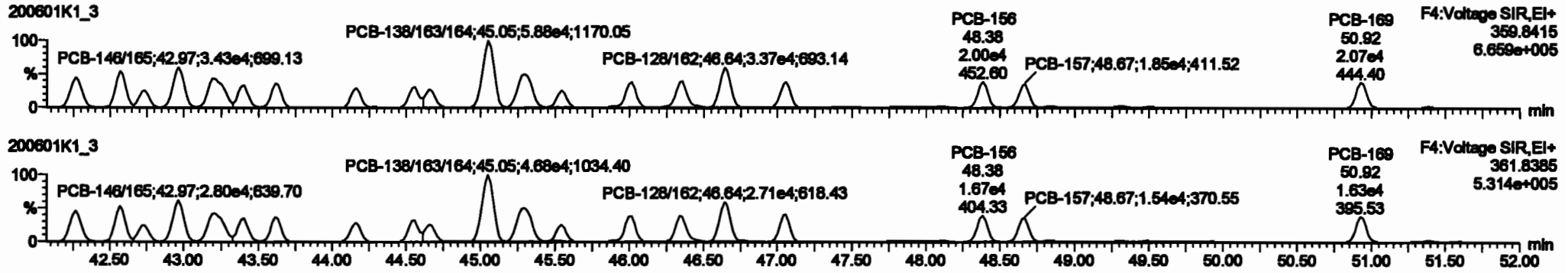


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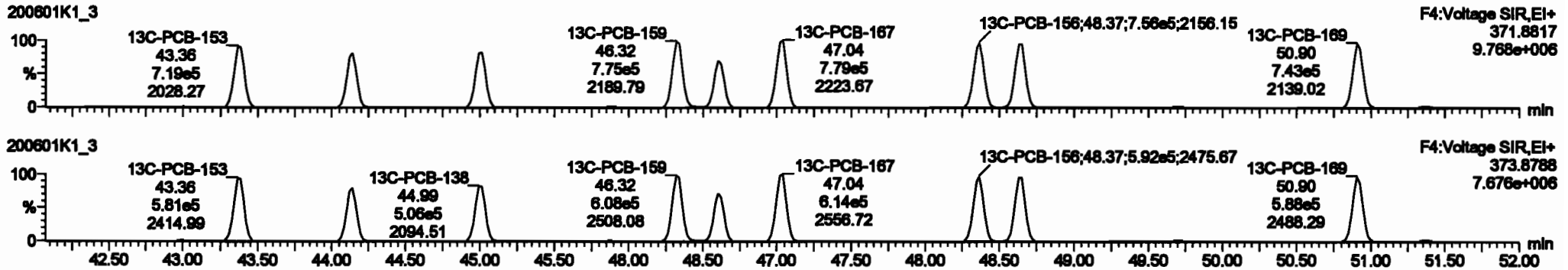
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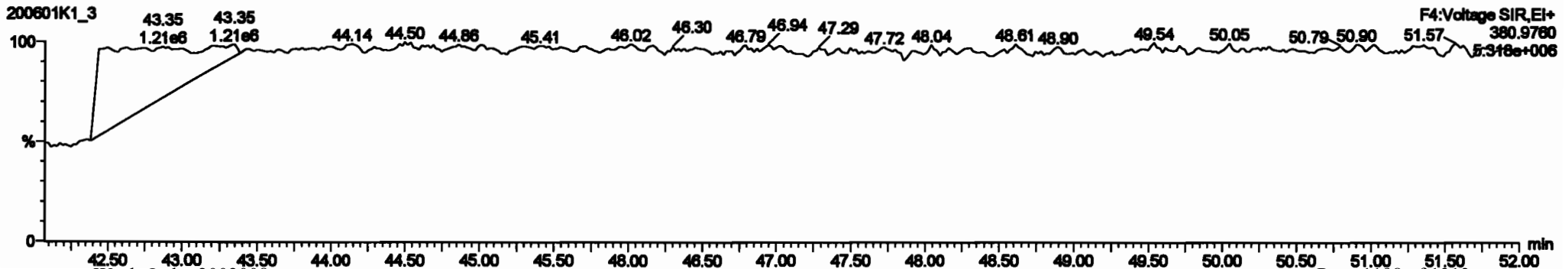
PCB-134/143



13C-PCB-153

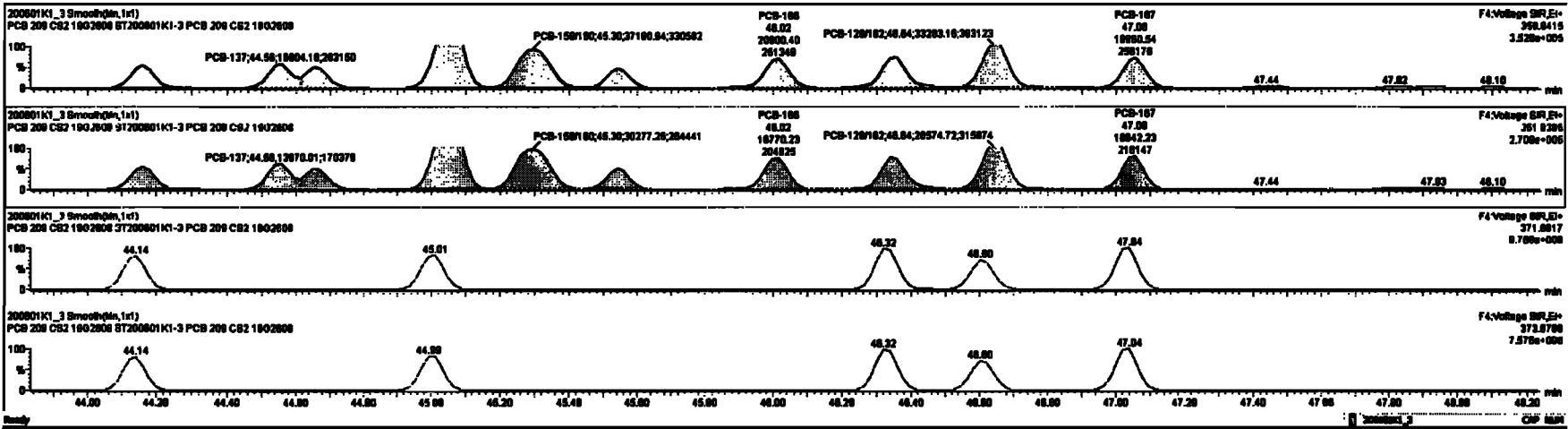


PFK4b



#	Group	Flow	RA	Qty	Unit	Cost	Prod	OT	Prod.R.	STY	EST	Cost	OT	Prod.R.	STY	Est.	Cost	OT	Prod.R.	STY
227	2nd Function In-PCBs					0.8828	1,000	0.00	0.000		NO	38.01				0.284	38.01			
228	Total In-PCBs					1.8776	1,000	0.00	0.000		NO	101.0				0.322	101.0			
229	3rd Function Parts-PCBs					1.2167	1,000	0.00	0.000		NO	87.82				0.271	87.82			
230	4th Function Parts-PCBs					1.8720	1,000	0.00	0.000		NO	12.18				0.0870	12.18			
231	5th Function Parts-PCBs					0.8888	1,000	0.00	0.000		NO	32.88				0.0870	32.88			
232	Total Parts-PCBs					1.8884	1,000	0.00	0.000		NO	65.78				0.284	65.78			
233	Total In-PCBs					1.2891	1,000	0.00	0.000		NO	87.74				0.488	87.74			
234	4th Function Out-PCBs					1.8800	1,000	0.00	0.000		NO	21.88				0.0880	21.88			
235	5th Function Out-PCBs					1.1488	1,000	0.00	0.000		NO	8.874				0.0843	8.874			
236	Total In-PCBs					0.8823	1,000	0.00	0.000		NO	7.284				0.0887	7.284			
237	Down-CB					0.8884	1,000	0.00	0.000		NO	2.423				0.08783	2.423			
238	Total In-PCBs																			

#	Part	Flow	RA	Qty	Unit	Cost	Prod	OT	Prod.R.	STY	Est.	Cost	OT	Prod.R.	STY	Est.	Cost	OT	Prod.R.	STY
111	PCB-134A43					42.28	42.28	2.622e4	2.41e4		1.240	1.26	NO	4.6290		4.6290				
112	PCB-131A30					42.88	42.87	2.847e4	2.382e4		1.240	1.28	NO	4.7870		4.7888				
113	PCB-142					42.72	42.74	1.217e4	1.088e4		1.240	1.28	NO	2.4220		2.4218				
114	PCB-148A05					42.87	42.87	3.428e4	2.884e4		1.240	1.22	NO	4.7180		4.7180				
115	PCB-132A01					43.20	43.18	3.813e4	2.738e4		1.240	1.28	NO	4.6890		4.6893				
116	PCB-163					43.38	43.40	1.777e4	1.818e4		1.240	1.18	NO	2.3880		2.3890				
117	PCB-168					43.81	43.81	1.888e4	1.822e4		1.240	1.28	NO	2.4180		2.4178				
118	PCB-141					44.18	44.18	1.488e4	1.228e4		1.240	1.28	NO	2.4080		2.4084				
119	PCB-137					44.88	44.88	1.888e4	1.388e4		1.240	1.18	NO	2.8870		2.8888				



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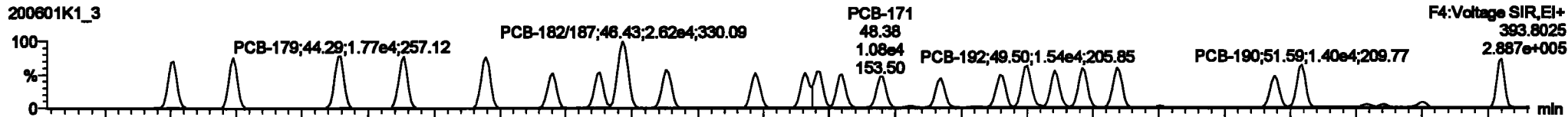
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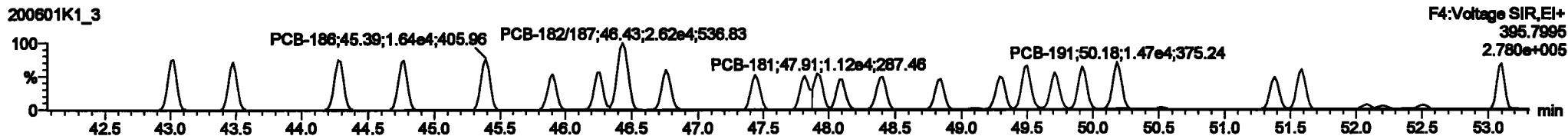
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PCB-188

200601K1_3

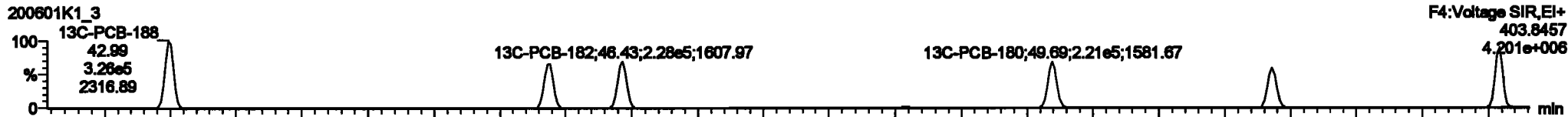


200601K1_3

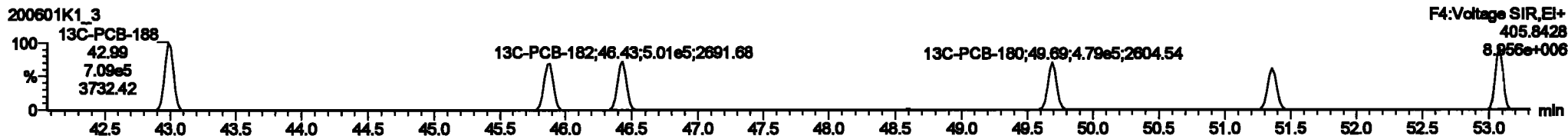


13C-PCB-188

200601K1_3

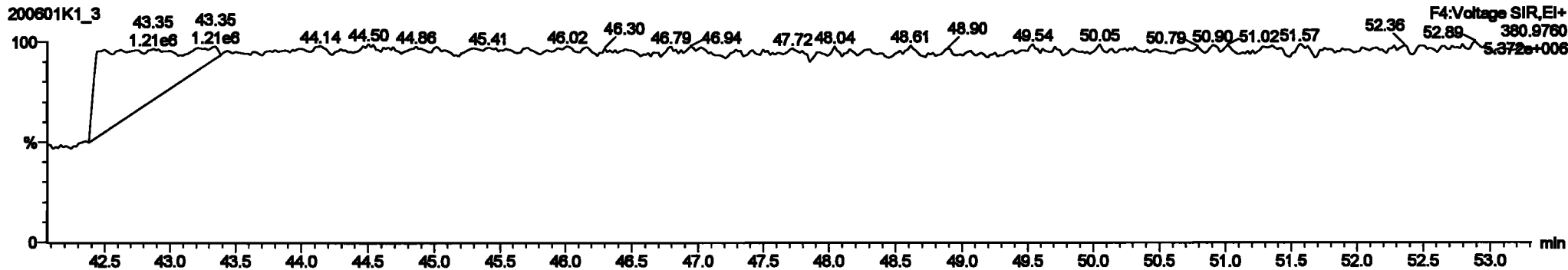


200601K1_3



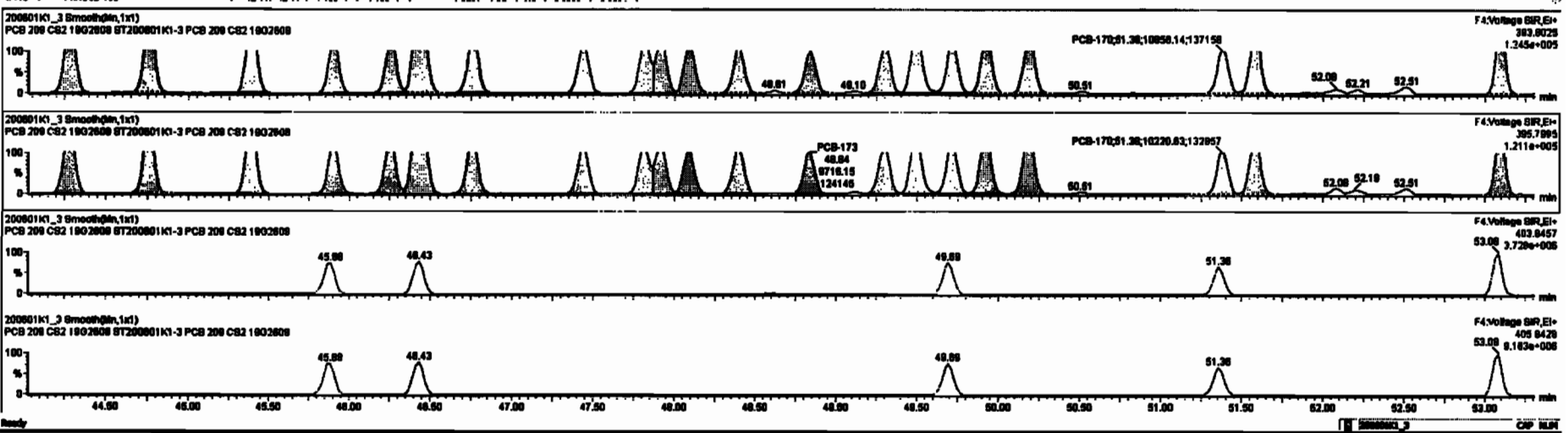
PFK4c

200601K1_3



#	Name	Resp	RA	RF	RF2	Vol	ProdRT	RT	ProdLR	RF2	RT1	Comp	Area	CL	SPC
227	227 3rd Function TM-PCBs				0.8028	1.000	0.00	0.000	0.000	NO	38.01		0.284	38.01	
228	228 Total Tetr-PCBs				1.0778	1.000	0.00	0.000	0.000	NO	101.0		0.322	101.0	
229	229 3rd Function Penta-PCBs				1.3167	1.000	0.00	0.000	0.000	NO	87.82		0.571	87.82	
230	230 6th Function Penta-PCBs				1.0725	1.000	0.00	0.000	0.000	NO	12.18		0.0878	12.18	
231	231 3rd Function Hexa-PCBs				0.8025	1.000	0.00	0.000	0.000	NO	32.88		0.0878	32.88	
232	232 6th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	0.000	NO	88.72		0.272	88.72	
233	233 Total Hexa-PCBs				1.2888	1.000	0.00	0.000	0.000	NO	87.24		0.272	87.24	
234	234 6th Function Octa-PCBs				1.0008	1.000	0.00	0.000	0.000	NO	21.88		0.0803	21.88	
235	235 6th Function Octa-PCBs				1.1488	1.000	0.00	0.000	0.000	NO	6.974		0.0843	6.974	
236	236 Total Octa-PCBs				0.8023	1.000	0.00	0.000	0.000	NO	7.284		0.0887	7.284	
237	237 Deca-OB				0.8884	1.000	0.00	0.000	0.000	NO	2.423		0.0878	2.423	
238	238 Total PCBs														

#	Name	ProdRT	RT	ProdRange	RTRange	Area (pmol)	Area (ng)	Area (ppb)	Area (ppm)	Area (ppb)	Area (ppm)	Area (ppb)	Area (ppm)
1	131 PCB-188	43.02	43.02	1.817e4	1.888e4	1.000	0.07	NO	2.4600	2.4607			
2	132 PCB-184	43.47	43.48	1.863e4	1.820e4	1.000	1.08	NO	2.4670	2.4688			
3	133 PCB-178	44.27	44.28	1.773e4	1.818e4	1.000	1.10	NO	2.5240	2.6238			
4	134 PCB-176	44.70	44.77	1.708e4	1.803e4	1.000	1.07	NO	2.4420	2.4434			
5	135 PCB-168	48.38	48.38	1.788e4	1.844e4	1.000	1.07	NO	2.4870	2.4870			
6	136 PCB-170	48.80	48.80	1.171e4	1.142e4	1.000	1.02	NO	2.3880	2.3880			
7	137 PCB-175	48.24	48.28	1.223e4	1.228e4	1.000	1.00	NO	2.4740	2.4738			
8	138 PCB-182/187	48.42	48.43	2.811e4	2.824e4	1.000	1.00	NO	4.7440	4.7445			
9	139 PCB-183	48.78	48.78	1.328e4	1.284e4	1.000	1.02	NO	2.4780	2.4748			

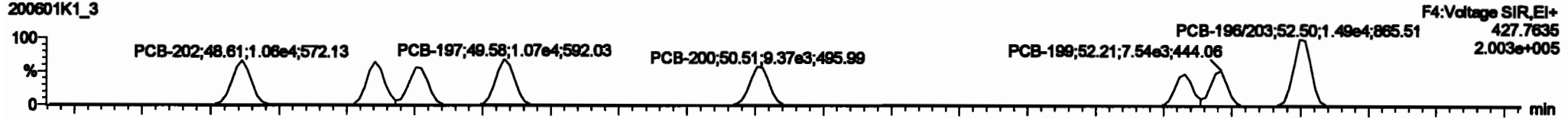


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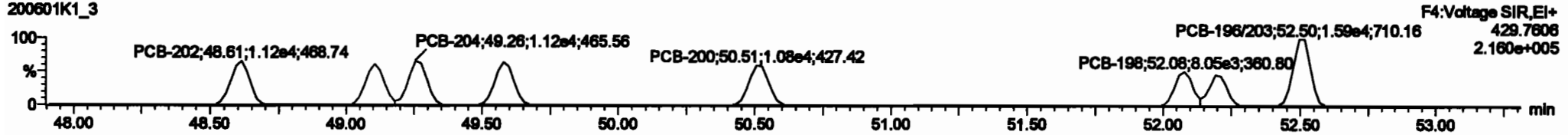
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PCB-202
200601K1_3

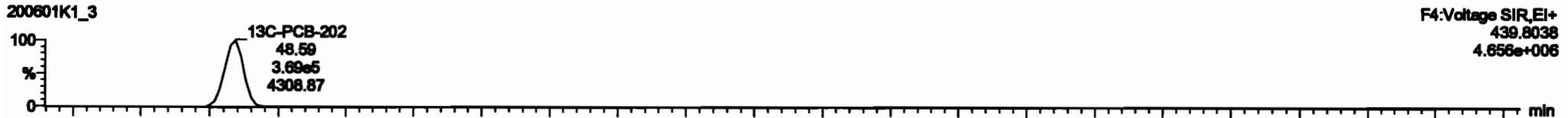


200601K1_3

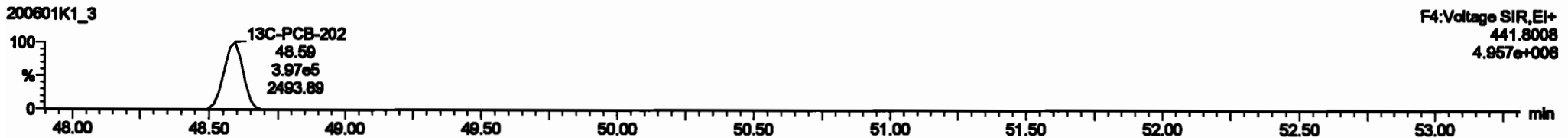


13C-PCB-202

200601K1_3

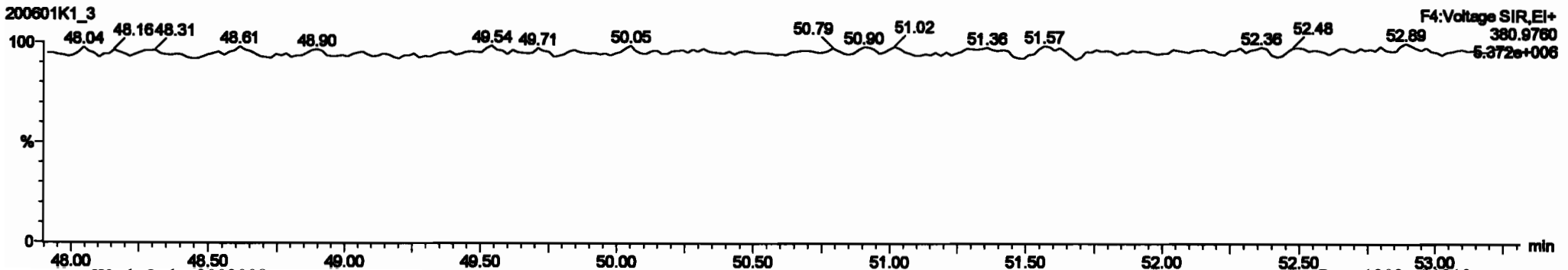


200601K1_3



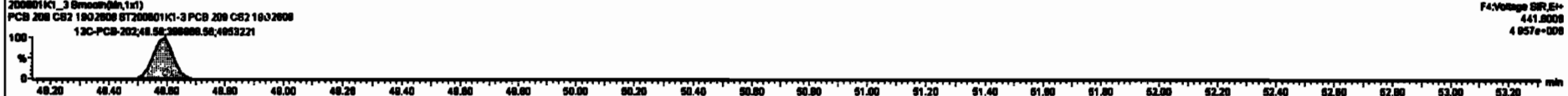
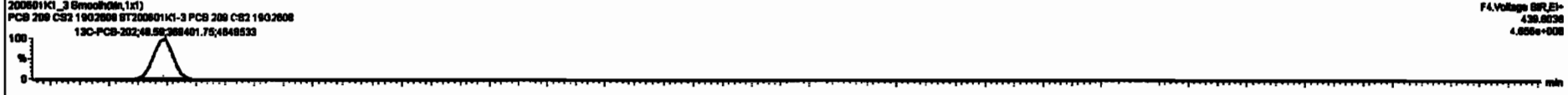
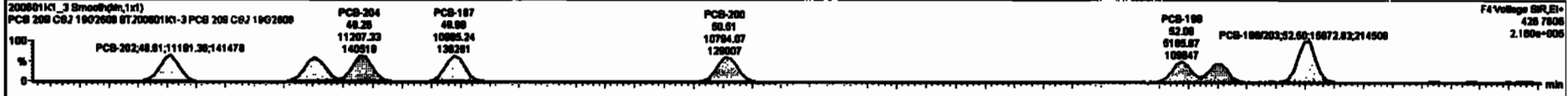
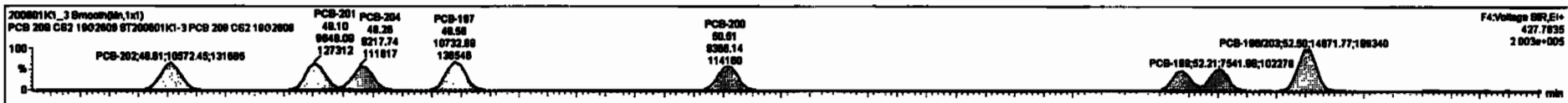
PFK4d

200601K1_3



#	Name	Qty	RA	Qty	Unit	Unit Cost	Value	Value	Unit	Unit Cost	Value	Unit	Unit Cost	Value
227	2nd Function TM-PCBs					0.0000	1.000	0.00		0.0000	NO	30.01	0.304	30.01
228	Total Tubs-PCBs					1.0776	1.000	0.00		0.0000	NO	101.0	0.322	101.0
229	2nd Function Para-PCBs					1.3167	1.000	0.00		0.0000	NO	97.82	0.321	97.82
230	4th Function Para-PCBs					1.0735	1.000	0.00		0.0000	NO	12.18	0.0070	12.18
231	2nd Function Hase-PCBs					0.0000	1.000	0.00		0.0000	NO	32.80	0.0070	32.80
232	4th Function Hase-PCBs					1.0318	1.000	0.00		0.0000	NO	88.73	0.272	88.73
233	Total Hase-PCBs					1.3801	1.000	0.00		0.0000	NO	57.74	0.480	57.74
234	2nd Function Ode-PCBs					1.0000	1.000	0.00		0.0000	NO	31.80	0.0000	31.80
235	8th Function Ode-PCBs					1.4488	1.000	0.00		0.0000	NO	8.974	0.0043	8.974
236	Total Ode-PCBs					0.0023	1.000	0.00		0.0000	NO	7.364	0.0007	7.364
237	237 Desc-CD					0.0004	1.000	0.00		0.0000	NO	2.423	0.0070	2.423
238	238 Total RTs													

#	Name	Qty	RA	Qty	Unit	Unit Cost	Value	Value	Unit	Unit Cost	Value	Unit	Unit Cost	Value
164	PCB-202	48.03	48.01	1.020e4	1.110e4	0.000	0.04	NO	2.4310	2.4312				
165	PCB-201	48.10	48.10	8.840e3	1.020e4	0.000	0.04	NO	2.4710	2.4712				
166	PCB-204	48.28	48.28	0.210e3	1.121e4	0.000	0.82	NO	2.3380	2.3380				
167	PCB-187	48.58	48.58	1.072e4	1.080e4	0.000	0.88	NO	2.4918	2.4908				
168	PCB-200	50.51	50.51	0.200e3	1.070e4	0.000	0.87	NO	2.4880	2.4891				
169	PCB-188	52.08	52.08	0.000e3	0.100e3	0.000	0.85	NO	2.4770	2.4772				
170	PCB-189	52.18	52.21	7.820e3	7.820e3	0.000	1.00	NO	2.4300	2.4287				
181	PCB-188203	52.82	52.80	1.480e4	1.890e4	0.000	0.04	NO	4.7670	4.7887				



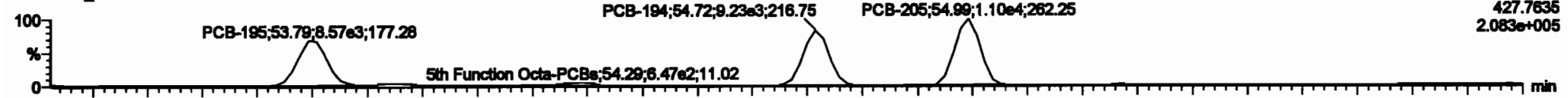
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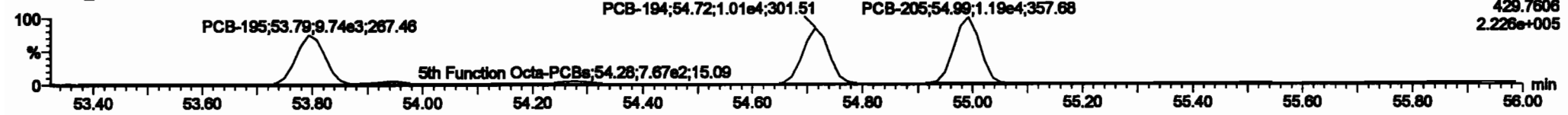
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PCB-195

200801K1_3

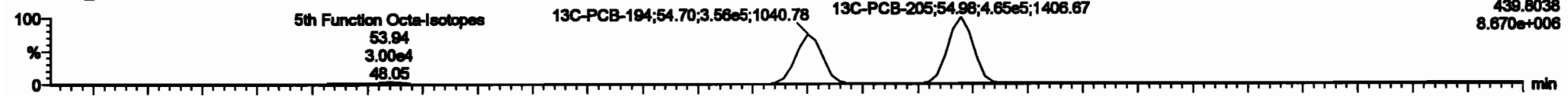


200801K1_3

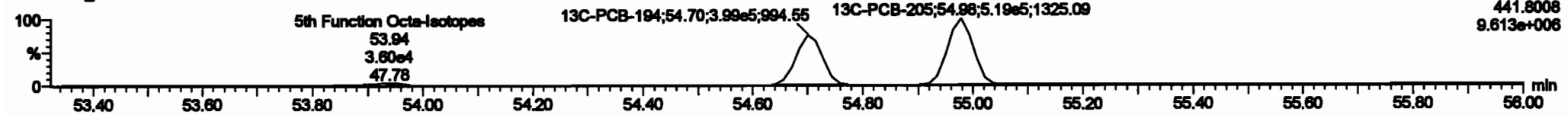


13C-PCB-194

200801K1_3

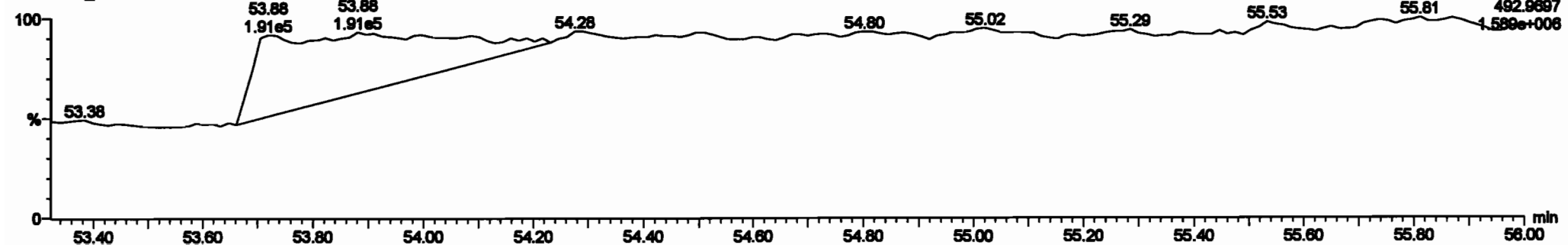


200801K1_3



PFK5a

200801K1_3



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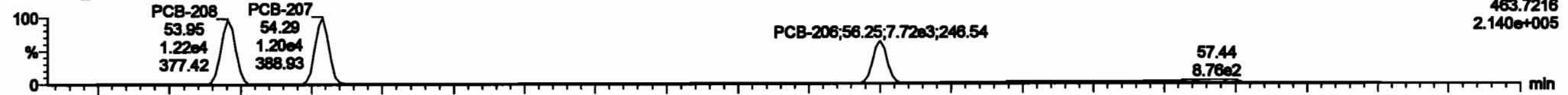
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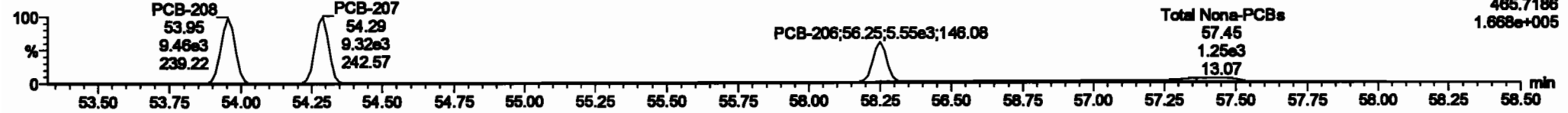
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PCB-208

200601K1_3

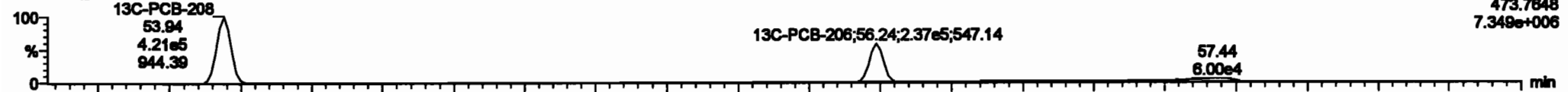


200601K1_3

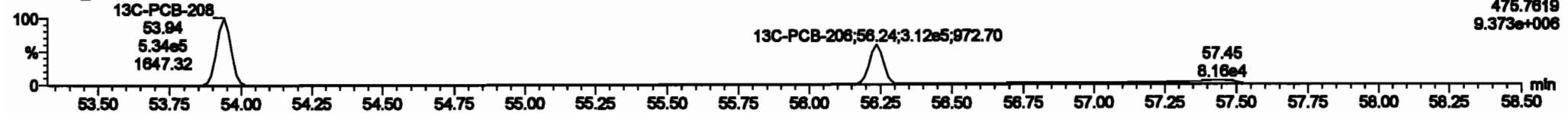


13C-PCB-208

200601K1_3

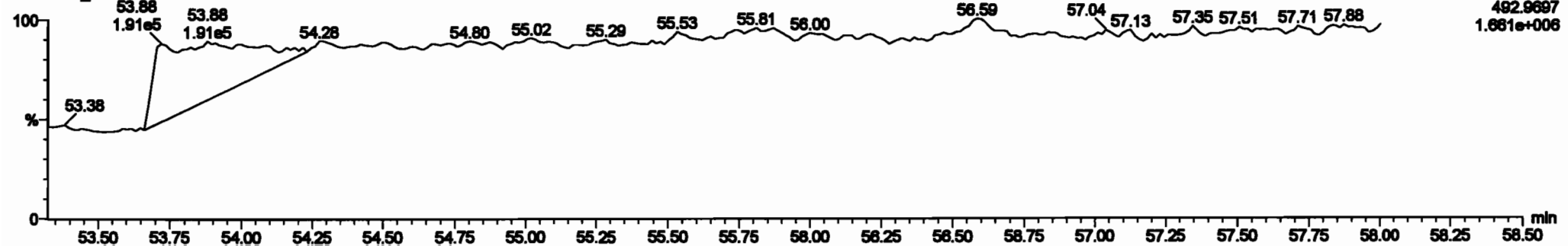


200601K1_3



PFK5

200601K1_3



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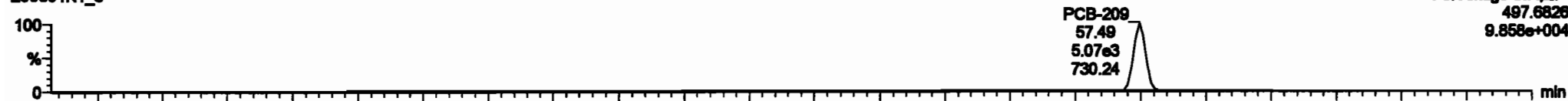
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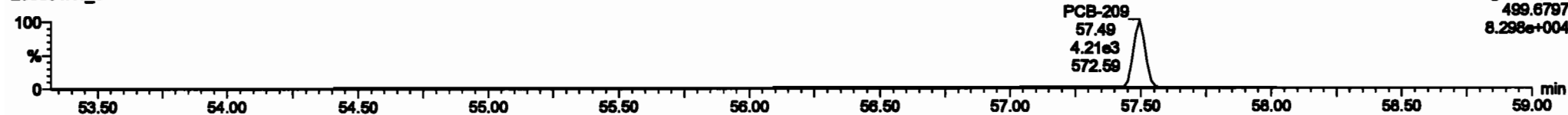
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PCB-209

200601K1_3

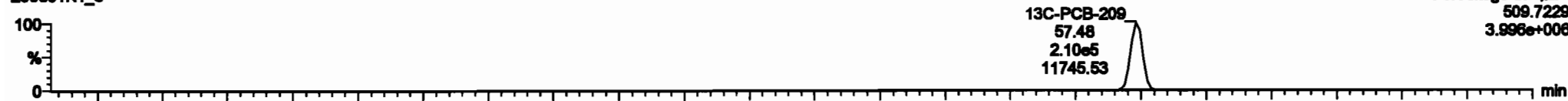


200601K1_3

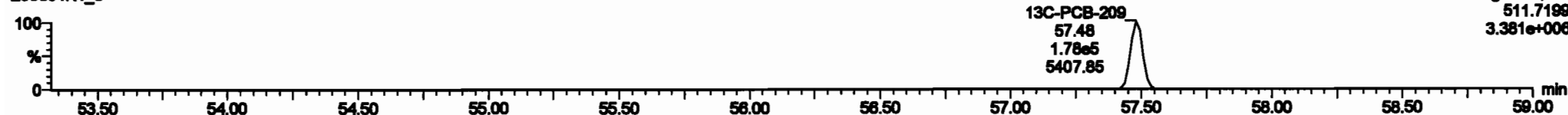


13C-PCB-209

200601K1_3

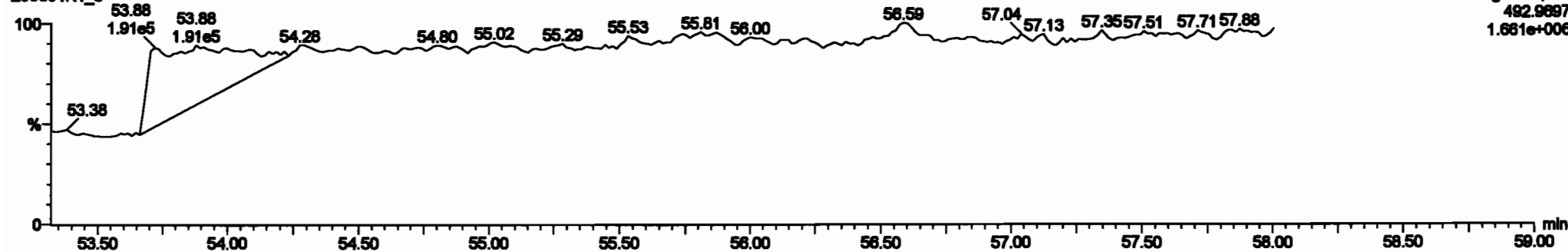


200601K1_3



PFK5b

200601K1_3



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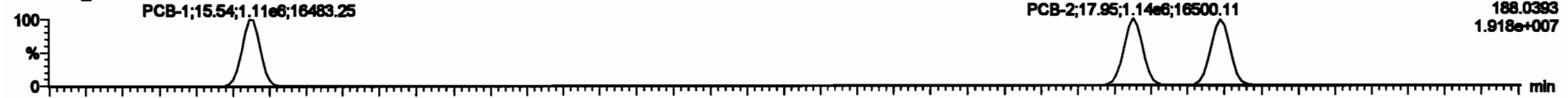
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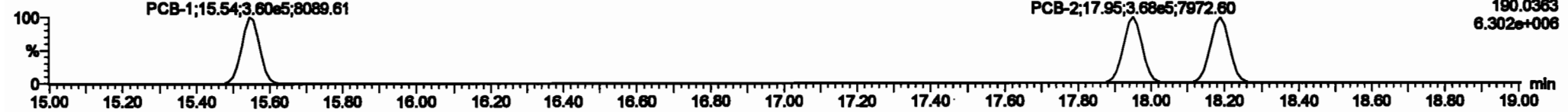
PCB-1

200601K1_4



F1:Voltage SIR,EI+
188.0393
1.918e+007

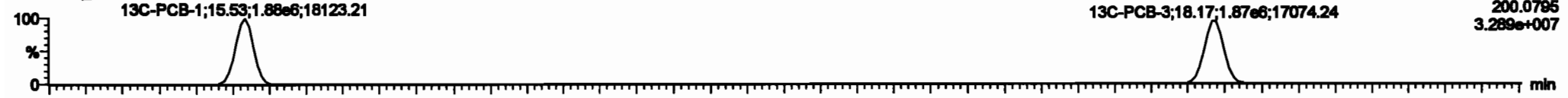
200601K1_4



F1:Voltage SIR,EI+
190.0363
6.302e+006

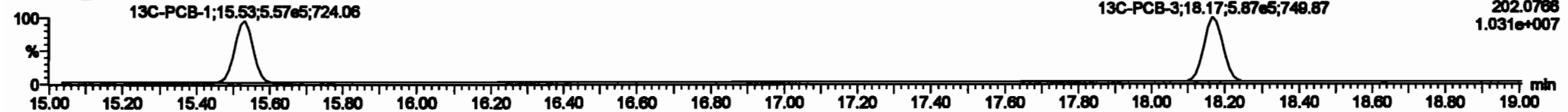
13C-PCB-1

200601K1_4



F1:Voltage SIR,EI+
200.0795
3.289e+007

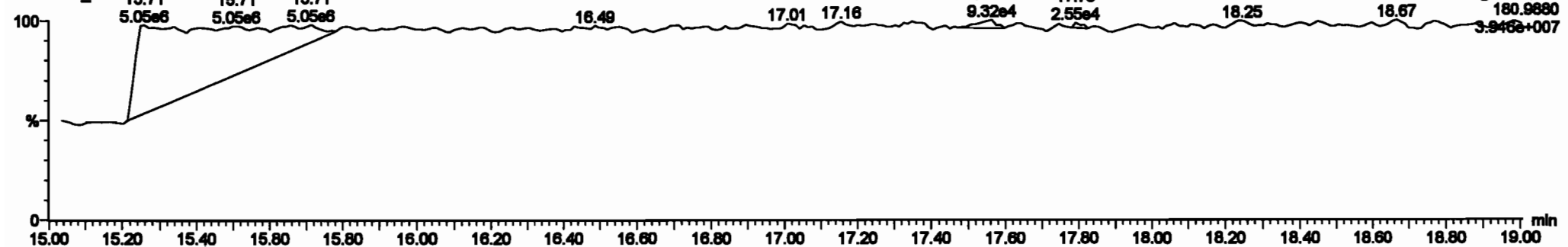
200601K1_4



F1:Voltage SIR,EI+
202.0766
1.031e+007

PFK1

200601K1_4



F1:Voltage SIR,EI+
180.9880
3.946e+007

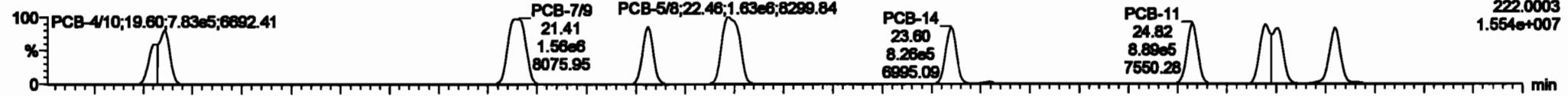
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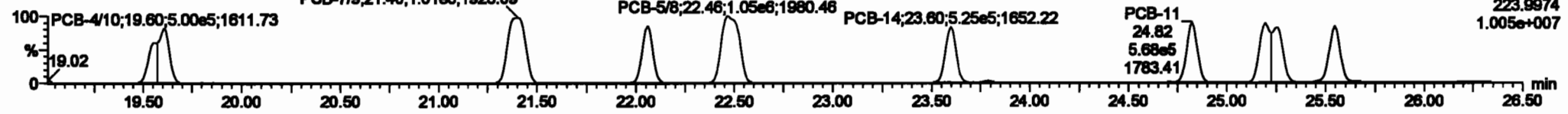
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PCB-4/10

200601K1_4

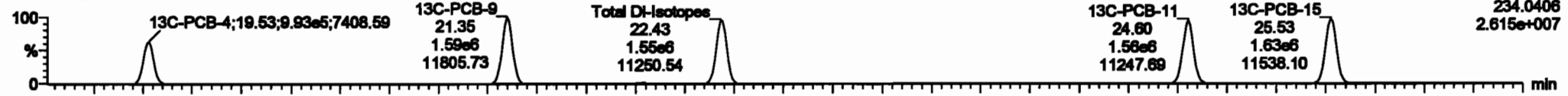


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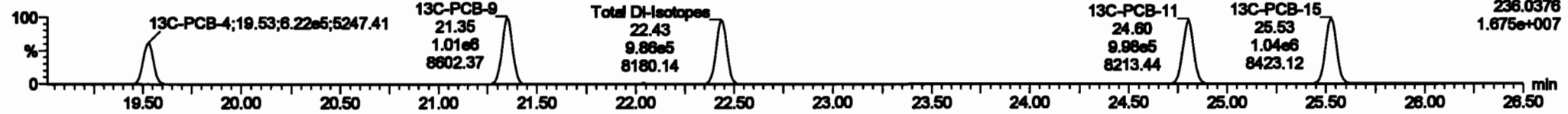


13C-PCB-4

200601K1_4

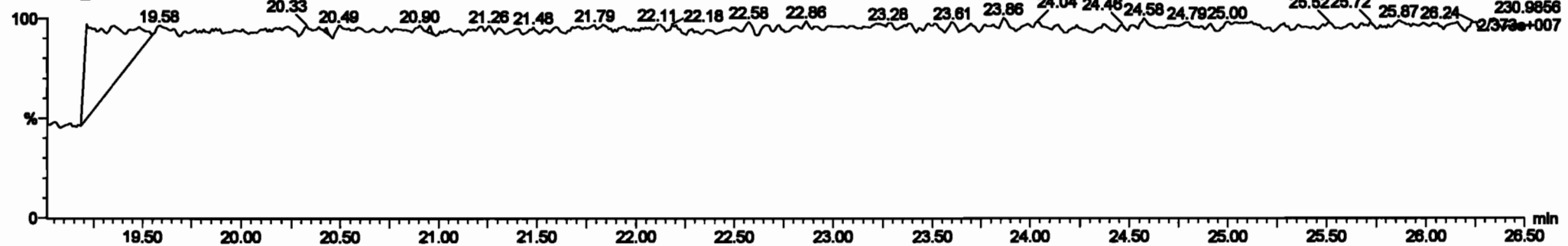


200601K1_4



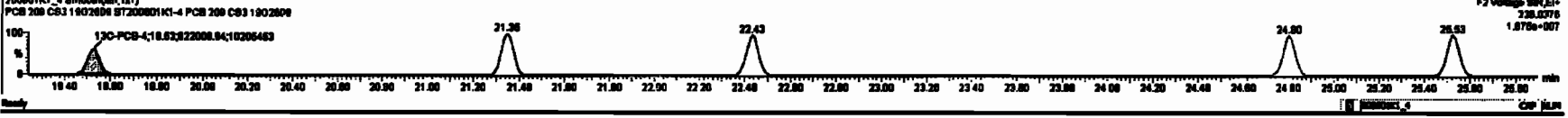
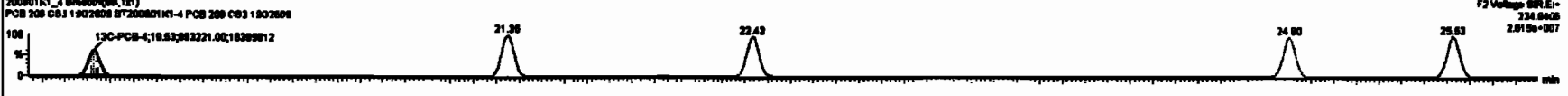
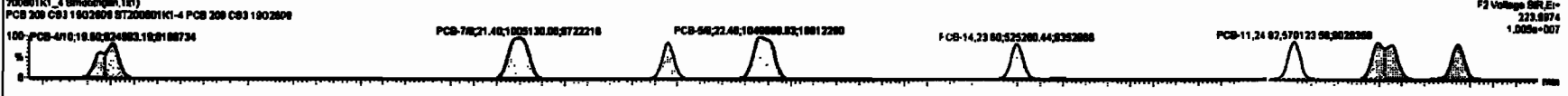
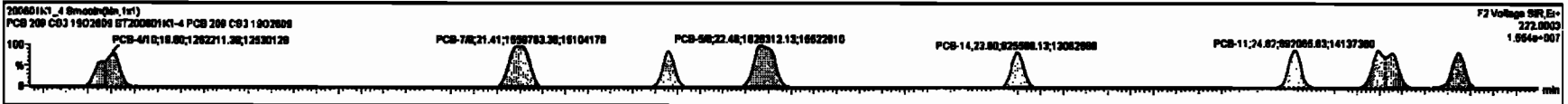
PFK2a

200601K1_4



#	Name	Temp	RA	dy	RF	width	PeakOff	WT	PeakH	RF	WT	Peak	Area	Width	SA	Area
224	Total Mono-PCBs		1.188	1.000	0.00	0.000	NO	108.1	0.000	108.1						
225	Total Mono-PCBs		1.188	1.000	0.00	0.000	NO	108.1	0.000	108.1						
226	2nd Function Tri-PCBs		1.000	1.000	0.00	0.000	NO	412.0	0.000	412.0						
227	2nd Function Tri-PCBs		0.000	1.000	0.00	0.000	NO	016.1	0.371	016.1						
228	Total Tetra-PCBs		1.070	1.000	0.00	0.000	NO	2171	0.000	2171						
229	2nd Function Para-PCBs		1.210	1.000	0.00	0.000	NO	2100	0.000	2100						
230	4th Function Para-PCBs		1.070	1.000	0.00	0.000	NO	201.1	0.000	201.1						
231	2nd Function Hexa-PCBs		0.000	1.000	0.00	0.000	NO	007.0	0.000	007.0						
232	4th Function Hexa-PCBs		1.000	1.000	0.00	0.000	NO	1491	1.000	1491						
233	Total Hepta-PCBs		1.300	1.000	0.00	0.000	NO	1200	0.000	1200						
234	4th Function Octa-PCBs		1.000	1.000	0.00	0.000	NO	446.1	0.000	446.1						
235	2nd Function Octa-PCBs		1.000	1.000	0.00	0.000	NO	104.1	0.000	104.1						

#	Name	Temp	RA	dy	RF	width	PeakOff	WT	PeakH	RF	WT	Peak	Area	Width	SA	Area
1	PCB-4/6		18.91	18.90	1.200e0	0.250e0	1.000	1.00	NO	100.04	100.00					
2	PCB-7/8		21.41	21.41	1.000e0	1.000e0	1.000	1.00	NO	102.06	102.06					
3	PCB-9		22.00	22.00	0.100e0	0.200e0	1.000	1.00	NO	90.00	90.00					
4	PCB-11		22.40	22.40	1.000e0	1.000e0	1.000	1.00	NO	100.00	100.00					
5	PCB-14		23.01	23.00	0.200e0	0.200e0	1.000	1.00	NO	91.00	91.00					
6	PCB-11		24.02	24.02	0.001e0	0.001e0	1.000	1.00	NO	88.775	88.775					
7	PCB-12/13		25.25	25.25	1.000e0	1.000e0	1.000	1.00	NO	100.00	100.00					
8	PCB-15		25.97	25.95	0.000e0	0.000e0	1.000	1.00	NO	92.00	92.00					

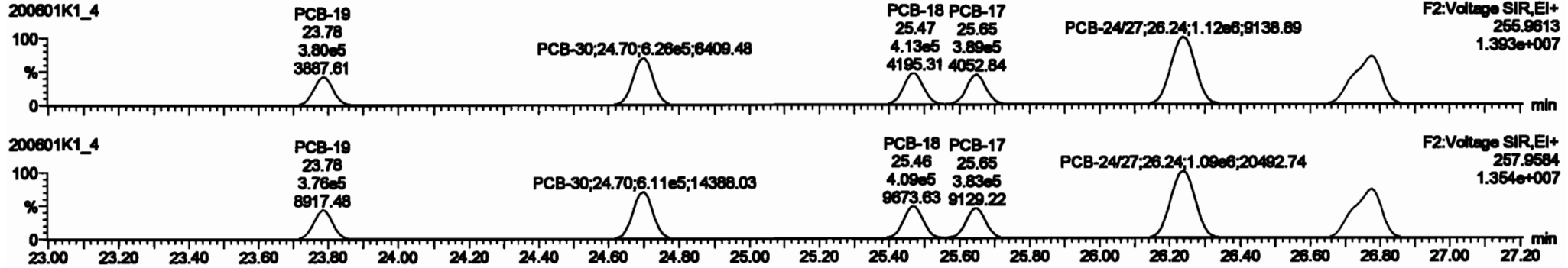


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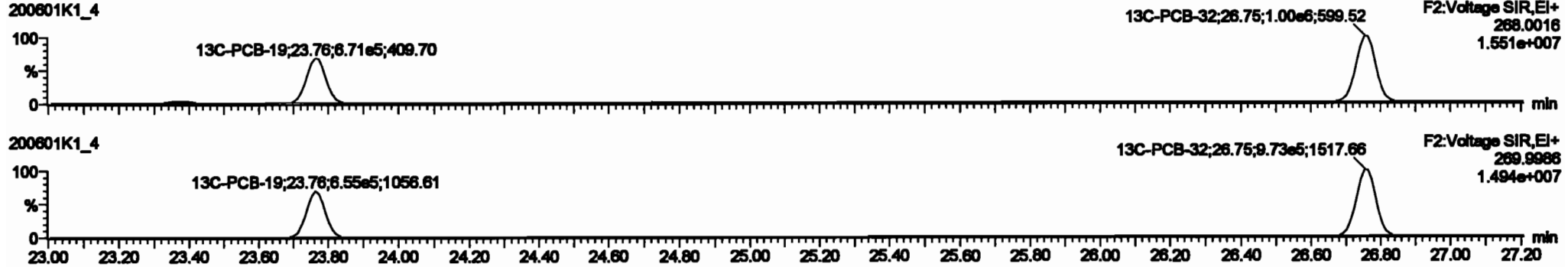
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

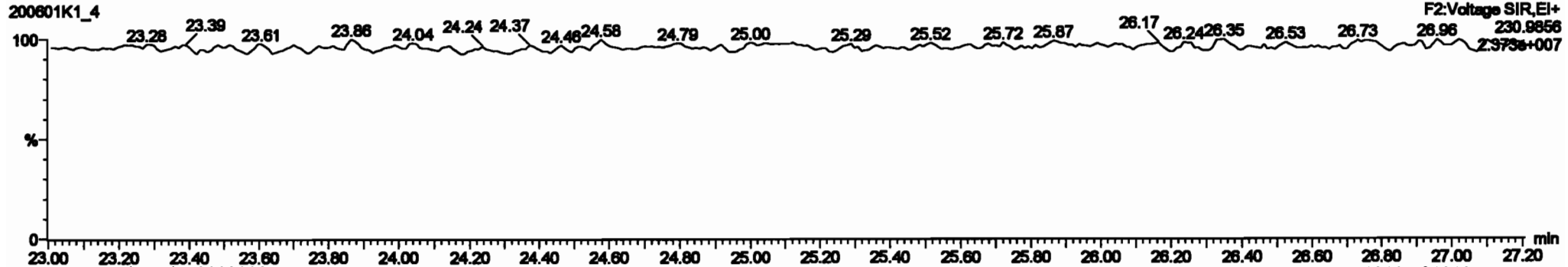
PCB-19



13C-PCB-19



PFK2b



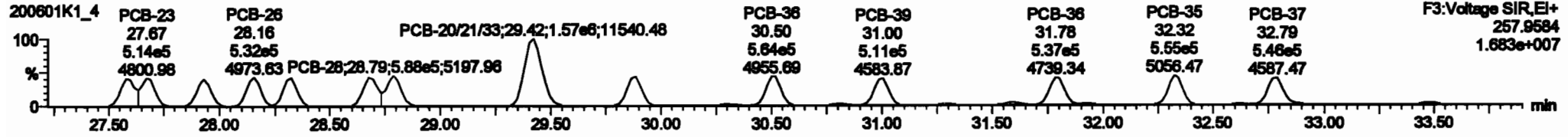
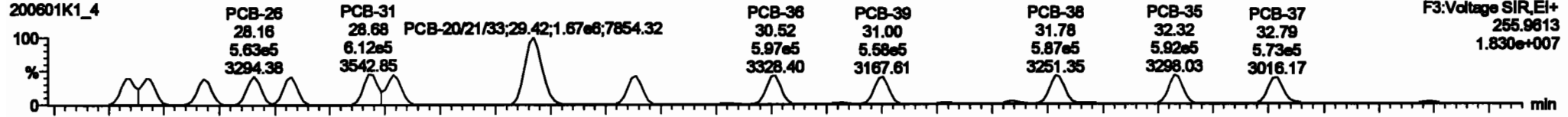
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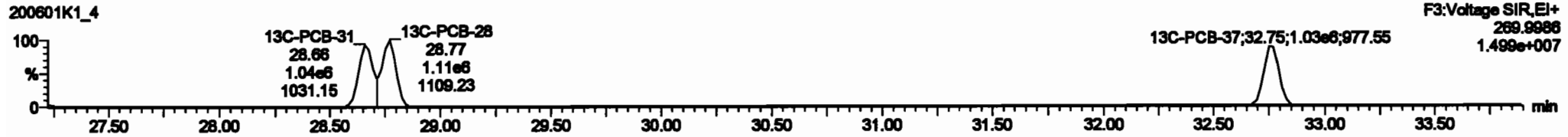
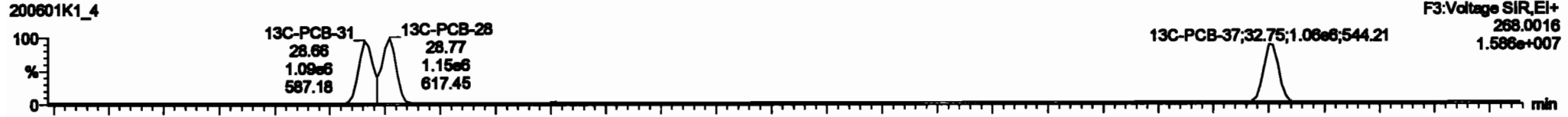
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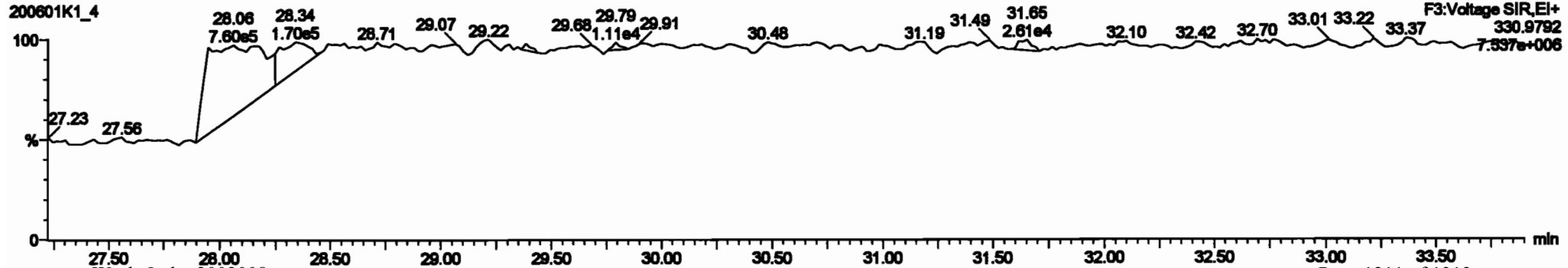
PCB-34



13C-PCB-28

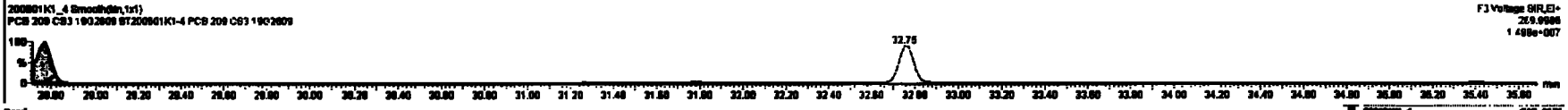
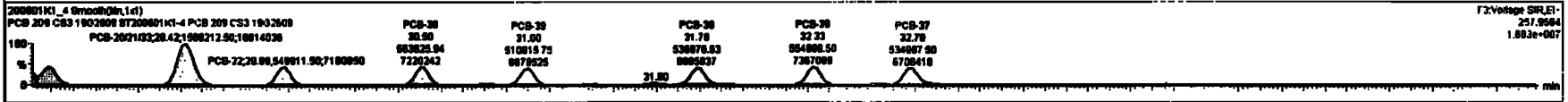
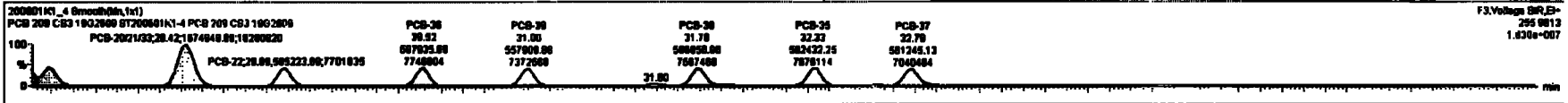


PFK3d



#	Material	Usage	Qty	Unit	Cost	Unit Cost	Material	Unit	Cost	Unit Cost	Material	Unit	Cost	Unit Cost
224	Total Mono-PCBs		1,000	0.00			188.1	NO	188.1	0.1881	188.1			
225	Total Di-PCBs		1,000	0.00			818.4	NO	818.4	0.8184	818.4			
226	2nd Function Tri-PCBs		1,000	0.00			412.6	NO	412.6	0.4126	412.6			
227	3rd Function Tetra-PCBs		1,000	0.00			324.3	NO	324.3	0.3243	324.3			
228	Total Tetra-PCBs		1,070	0.00			2171	NO	2171	0.2171	2171			
229	3rd Function Penta-PCBs		1,215	0.00			2108	NO	2108	0.2108	2108			
230	4th Function Penta-PCBs		1,070	0.00			281.1	NO	281.1	0.2811	281.1			
231	3rd Function Hexa-PCBs		888	0.00			887.3	NO	887.3	0.8873	887.3			
232	4th Function Hexa-PCBs		1,020	0.00			1491	NO	1491	1.491	1491			
233	Total Hepta-PCBs		1,200	0.00			1290	NO	1290	1.29	1290			
234	4th Function Octa-PCBs		1,000	0.00			448.1	NO	448.1	0.4481	448.1			
235	Total Octa-PCBs		1,000	0.00			154.1	NO	154.1	0.1541	154.1			

#	Material	Usage	Qty	Unit	Cost	Unit Cost	Material	Unit	Cost	Unit Cost
18	PCB-34		27.87	27.87	5.534e5	5.287e5	1.040	1.88	NO	80.467
19	PCB-20		27.87	27.87	6.291e5	5.140e5	1.040	1.88	NO	82.828
20	PCB-26		27.87	27.87	6.210e5	4.824e5	1.040	1.88	NO	80.240
21	PCB-26		28.18	28.18	6.622e5	5.321e5	1.040	1.88	NO	81.287
22	PCB-26		28.21	28.22	6.916e5	6.214e5	1.040	1.88	NO	83.288
23	PCB-31		28.88	28.88	6.118e5	5.388e5	1.040	1.14	NO	48.828
24	PCB-26		28.78	28.78	6.380e5	5.878e5	1.040	1.88	NO	82.734
25	PCB-202100		28.43	28.43	1.878e6	1.888e6	1.040	1.87	NO	182.26
26	PCB-22		28.87	28.88	5.882e5	6.488e5	1.040	1.88	NO	81.848

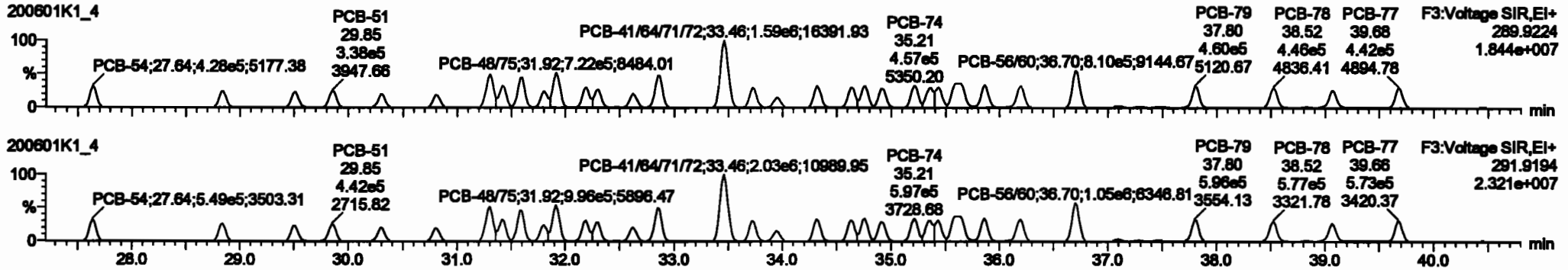


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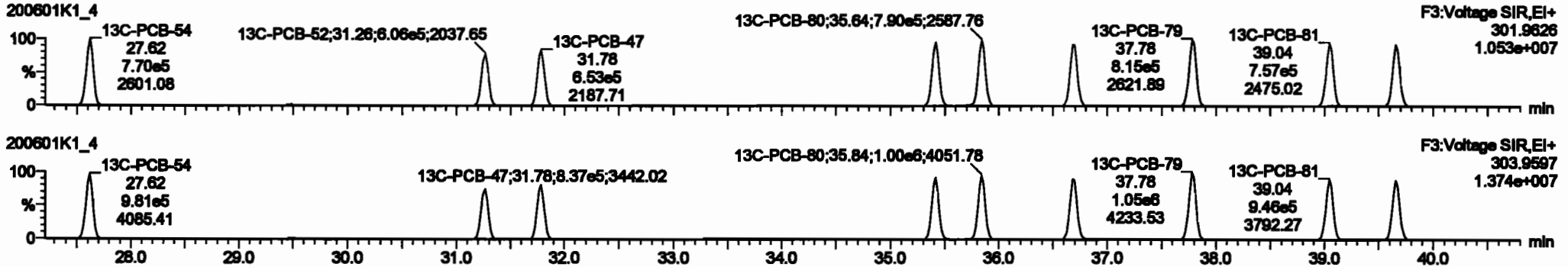
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

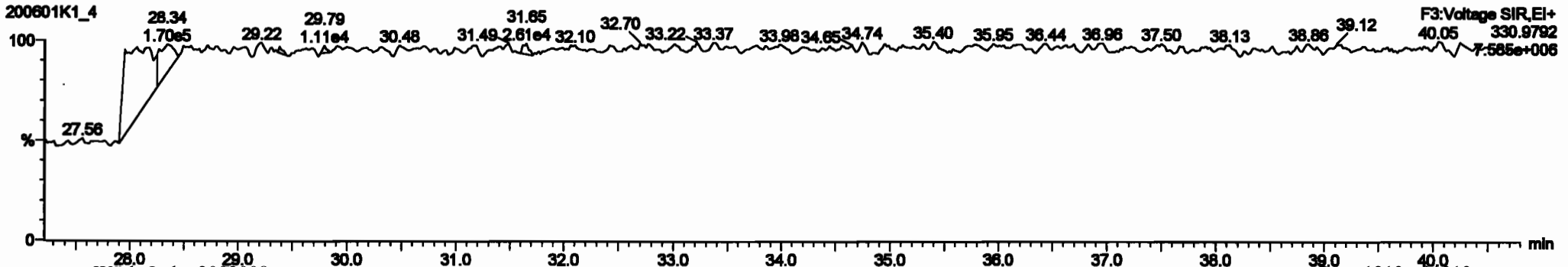
PCB-54



13C-PCB-54



PFK3a



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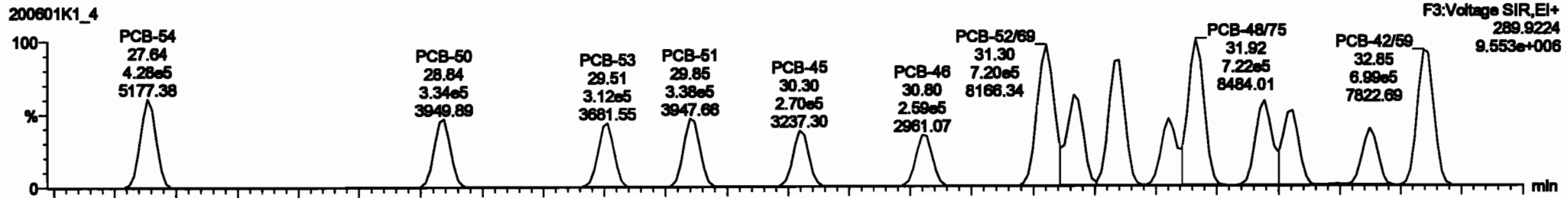
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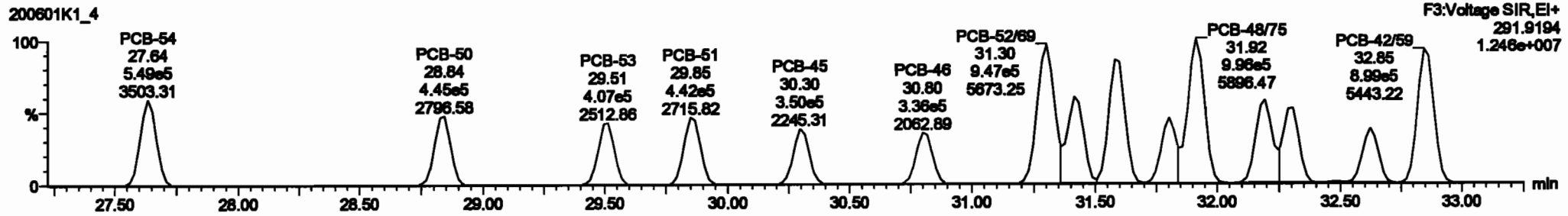
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PCB-50

200601K1_4

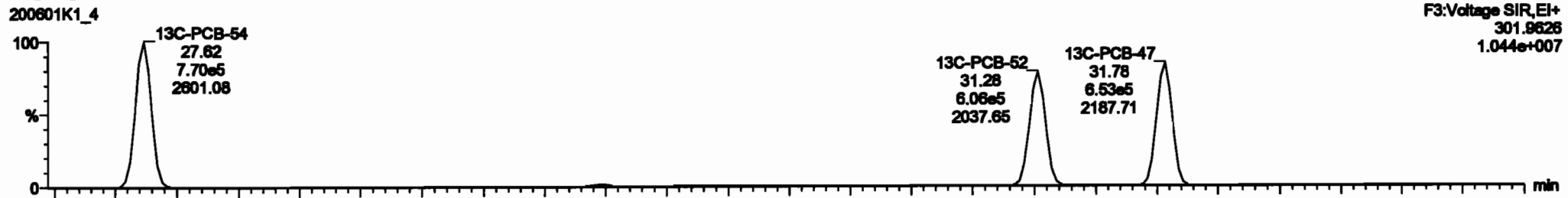


200601K1_4

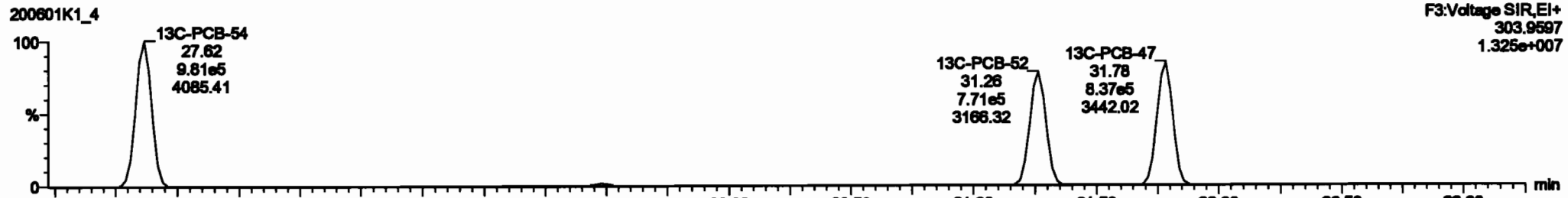


13C-PCB-52

200601K1_4

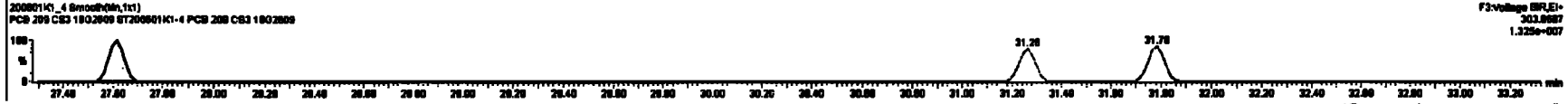
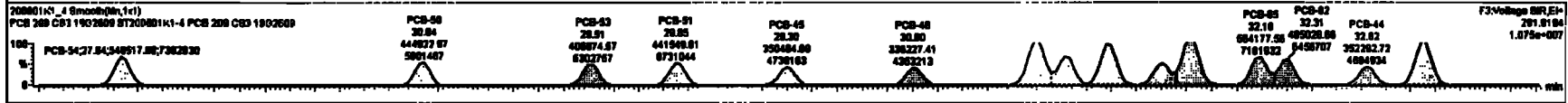
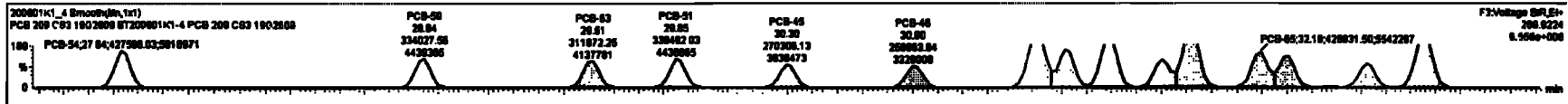


200601K1_4



#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	Area	WRT	Comp	Ratio	DL	MSPC
226	Total Mono-PCBs				1.000	1.000	0.00	0.000	NO	188.1			0.000	188.1	
227	Total Di-PCBs				1.000	1.000	0.00	0.000	NO	818.4			0.000	818.4	
228	Total Tri-PCBs				1.000	1.000	0.00	0.000	NO	412.5			0.000	412.5	
229	1st Function Tri-PCBs				0.800	1.000	0.00	0.000	NO	818.1			0.000	818.1	
230	2nd Function Tri-PCBs				1.000	0.000	0.00	0.000	NO	227.0			0.000	227.0	
231	3rd Function Tri-PCBs				1.315	1.000	0.00	0.000	NO	248.0			0.000	248.0	
232	4th Function Tri-PCBs				0.875	1.000	0.00	0.000	NO	231.1			0.000	231.1	
233	1st Function Tetra-PCBs				0.800	1.000	0.00	0.000	NO	887.0			0.000	887.0	
234	2nd Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	1481			0.000	1481	
235	3rd Function Tetra-PCBs				1.380	1.000	0.00	0.000	NO	1280			0.000	1280	
236	4th Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	446.1			0.000	446.1	
237	Total Penta-PCBs				1.148	1.000	0.00	0.000	NO	184.1			0.000	184.1	

#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	Area	WRT	Comp	Ratio	DL	MSPC
32	PCB-84	27.84	27.84		4.270e5	6.489e5	27.84	27.84	0.770	0.78	NO	91.824	91.824		
33	PCB-89	28.80	28.84		3.240e5	4.448e5	28.80	28.84	0.770	0.78	NO	90.878	90.878		
34	PCB-89	28.80	28.81		3.120e5	4.088e5	28.80	28.81	0.770	0.77	NO	82.288	82.288		
35	PCB-91	28.88	28.88		3.280e5	4.418e5	28.88	28.88	0.770	0.77	NO	93.201	93.201		
36	PCB-95	30.20	30.20		2.700e5	3.808e5	30.20	30.20	0.770	0.77	NO	82.288	82.288		
37	PCB-95	30.80	30.80		2.800e5	3.908e5	30.80	30.80	0.770	0.77	NO	82.288	82.288		
38	PCB-98	31.20	31.20		1.200e5	0.478e5	31.20	31.20	0.770	0.78	NO	108.88	108.88		
39	PCB-73	31.41	31.41		4.880e5	6.82e5	31.41	31.41	0.770	0.78	NO	83.821	83.821		
40	PCB-98	31.88	31.88		6.280e5	8.314e5	31.88	31.88	0.770	0.77	NO	108.87	108.87		



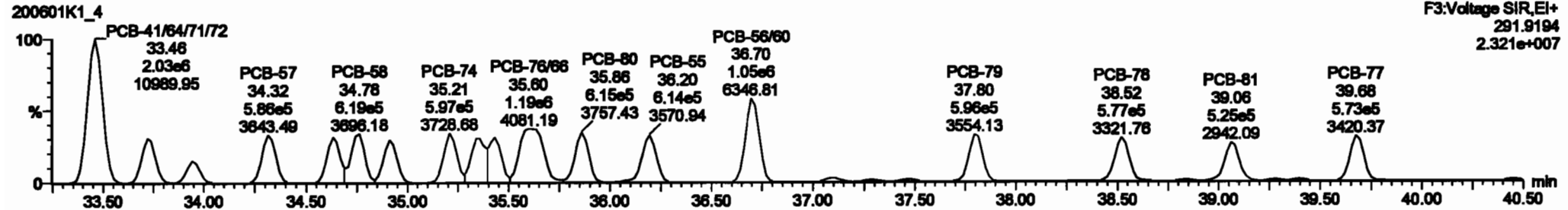
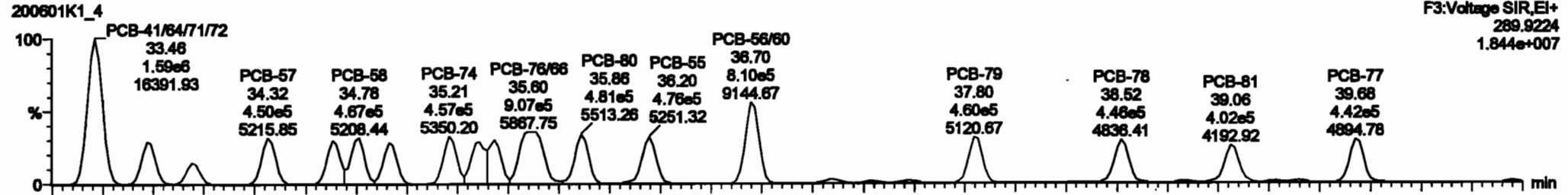
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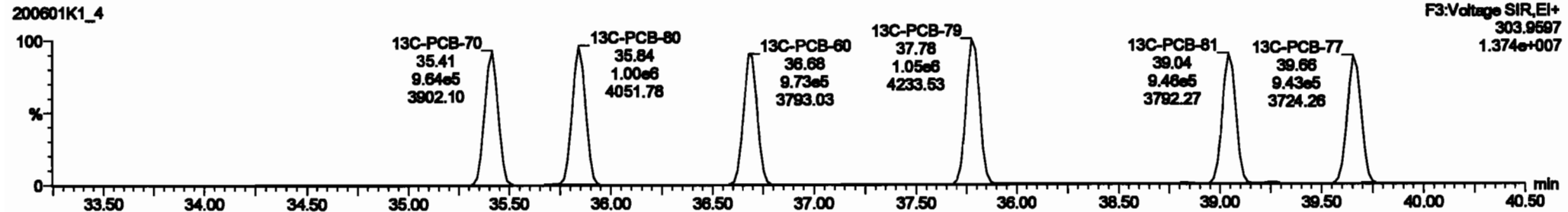
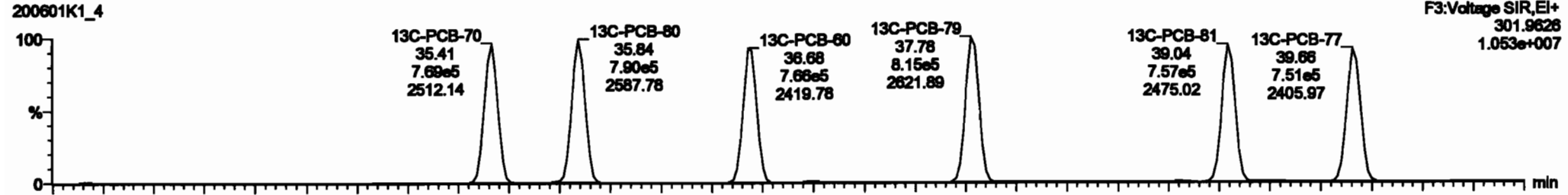
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Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

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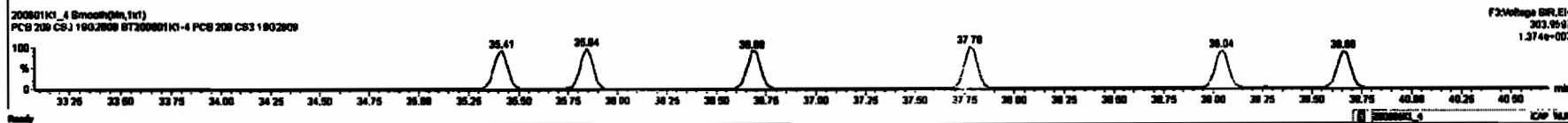
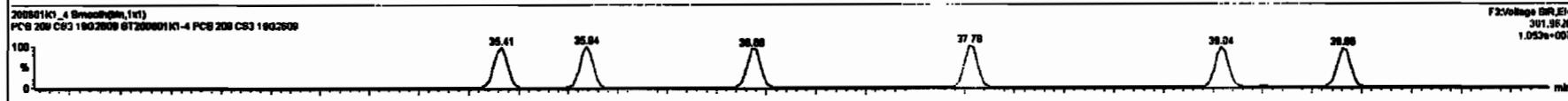
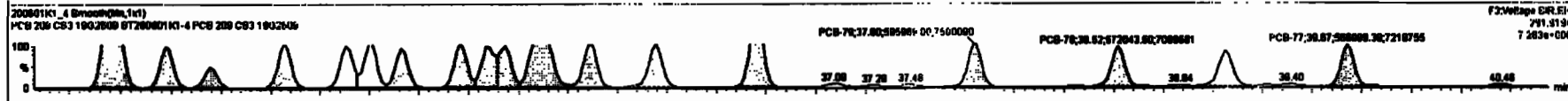
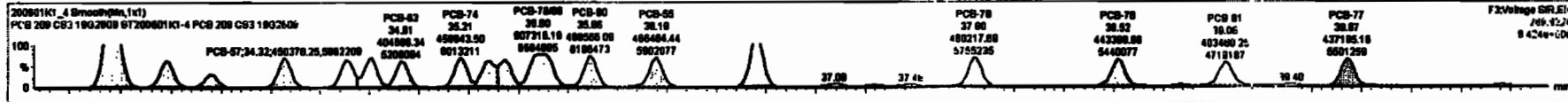


13C-PCB-60



#	Name	Area	Height	Width	Retention	Response	Concentration	Peak No.	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration
224	Total Mono-PCBs	1.1808	1.000	0.80	0.000			NO	198.1												
225	Total Di-PCBs	1.0537	1.000	0.80	0.000			NO	918.4												
226	2nd Function Tri-PCBs	1.0897	1.000	0.80	0.000			NO	412.5												
227	3rd Function Tri-PCBs	0.9038	1.000	0.80	0.000			NO	918.1												
228	Total Tetra-PCBs	1.8798	1.000	0.80	0.000			NO	2774												
229	2nd Function Penta-PCBs	1.3187	1.000	0.80	0.000			NO	2169												
230	4th Function Penta-PCBs	1.0726	1.000	0.80	0.000			NO	291.1												
231	2nd Function Hexa-PCBs	0.9808	1.000	0.80	0.000			NO	697.0												
232	4th Function Hexa-PCBs	1.0018	1.000	0.80	0.000			NO	1481												
233	Total Hepta-PCBs	1.2891	1.000	0.80	0.000			NO	1280												
234	4th Function Octa-PCBs	1.0009	1.000	0.80	0.000			NO	448.1												
235	Total Octa-PCBs	1.4488	1.000	0.80	0.000			NO	186.1												

#	Name	Area	Height	Width	Retention	Response	Concentration	Peak No.	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	Integration	
35	PCB-64	27.84	27.84	4.20e0	5.80e0	0.770	0.79	NO	81.824												
36	PCB-60	28.80	28.84	3.26e0	4.41e0	0.770	0.75	NO	82.579												
37	PCB-63	28.80	28.81	3.13e0	4.08e0	0.770	0.77	NO	82.288												
38	PCB-61	28.85	28.85	3.28e0	4.41e0	0.770	0.77	NO	83.201												
39	PCB-65	30.30	30.30	2.70e0	3.82e0	0.770	0.77	NO	82.638												
39	PCB-66	30.80	30.80	2.88e0	3.95e0	0.770	0.77	NO	82.043												
7	PCB-42/68	31.30	31.30	2.22e0	3.47e0	0.770	0.78	NO	100.88												
8	PCB-73	31.41	31.41	4.89e0	8.83e0	0.770	0.78	NO	93.821												
9	PCB-43/69	31.98	31.98	8.28e0	8.31e0	0.770	0.77	NO	105.07												



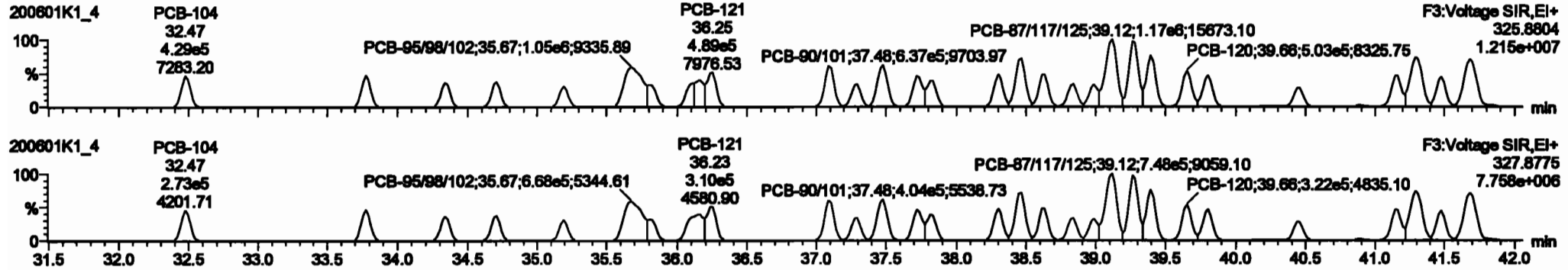
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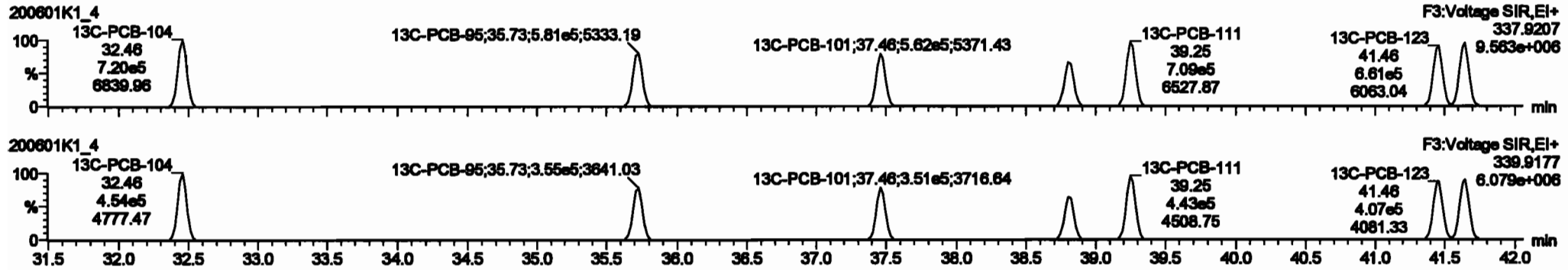
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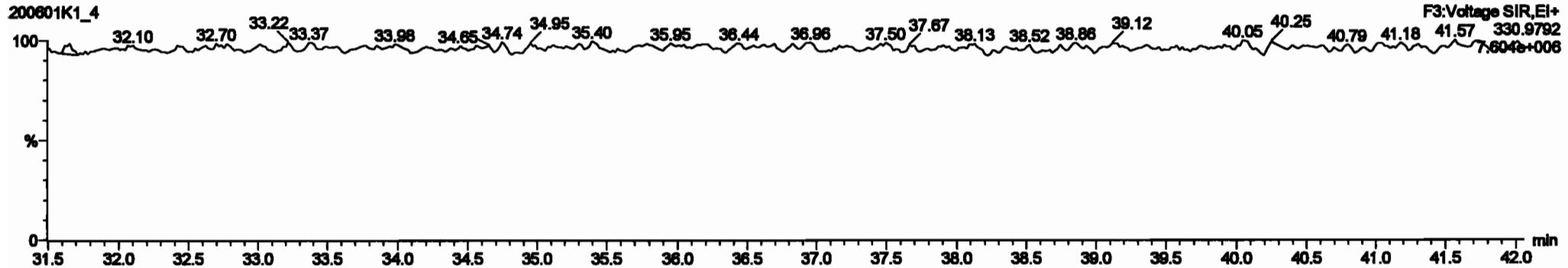
PCB-104



13C-PCB-104



PFK3b



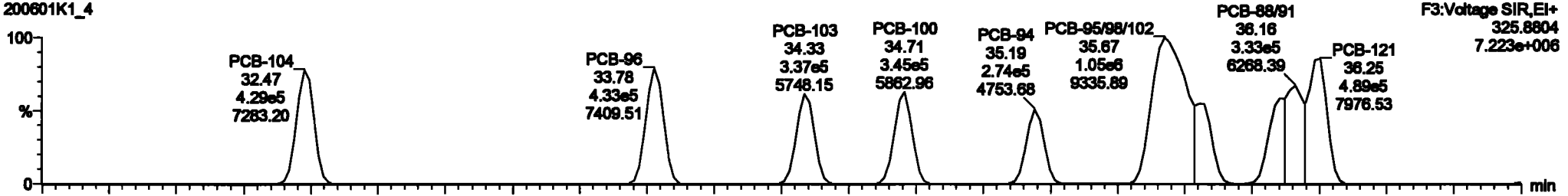
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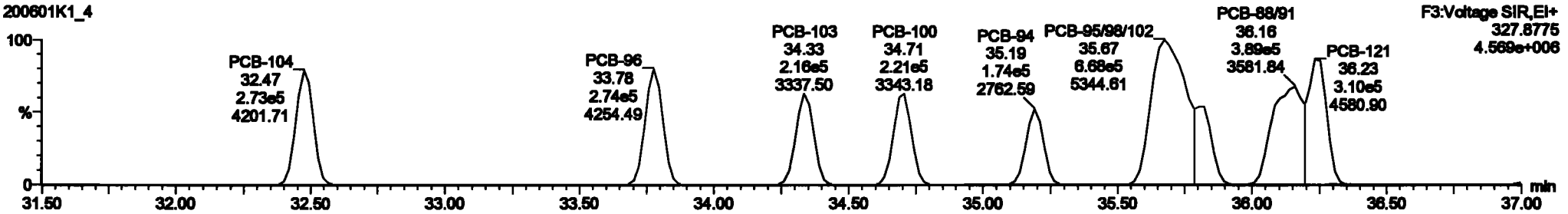
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200601K1_4



200601K1_4

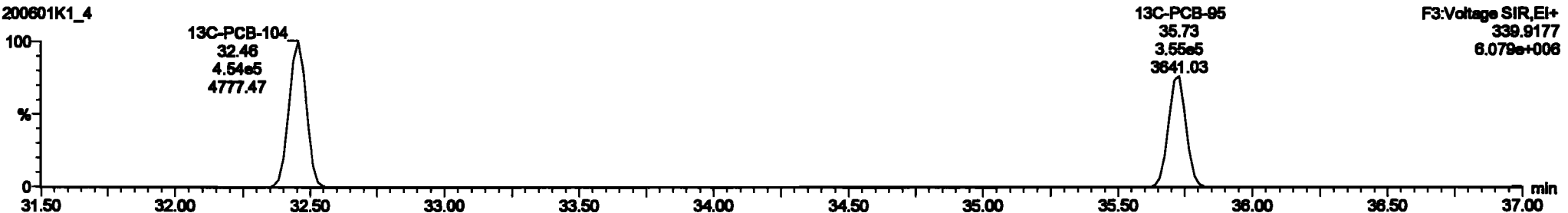


13C-PCB-95

200601K1_4

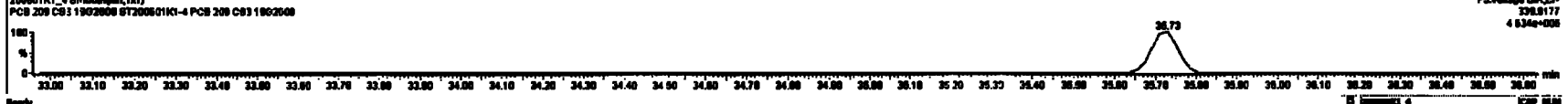
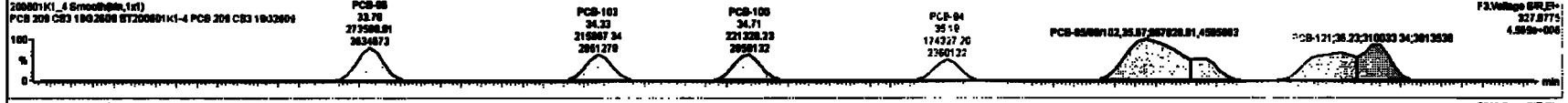
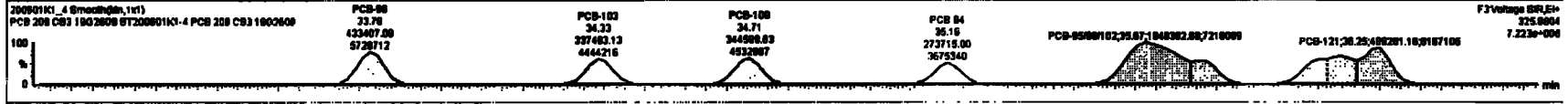


200601K1_4



#	Category	Wgt	Vol	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol
224	Total Micro-PCBs				1.000	1.000	0.00	0.000	NO	100.1	0.0242	100.1						
225	Total BL-PCBs				1.000	1.000	0.00	0.000	NO	018.4	0.200	018.4						
226	Total Para-PCBs				1.000	1.000	0.00	0.000	NO	412.0	0.000	412.0						
227	Total Para-PCBs				0.000	1.000	0.00	0.000	NO	018.1	0.00	018.1						
228	Total Para-PCBs				1.000	1.000	0.00	0.000	NO	2171	0.00	2171						
229	Total Para-PCBs				1.000	1.000	0.00	0.000	NO	1.00	0.00	1.00						
230	4th Para-PCBs				1.000	1.000	0.00	0.000	NO	201.1	0.140	201.1						
231	3rd Para-PCBs				0.000	1.000	0.00	0.000	NO	007.0	0.100	007.0						
232	2nd Para-PCBs				1.000	1.000	0.00	0.000	NO	140	1.00	140						
233	1st Para-PCBs				1.000	1.000	0.00	0.000	NO	1200	1.20	1200						
234	4th Para-PCBs				1.000	1.000	0.00	0.000	NO	445.1	0.302	445.1						
235	3rd Para-PCBs				1.000	1.000	0.00	0.000	NO	104.1	0.200	104.1						

#	Category	Wgt	Vol	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol
84	PCB-104				32.47	32.47	4.20e6	2.72e6	1.000	1.07	NO	00.204	00.204					
85	PCB-08				33.70	33.70	4.20e6	2.72e6	1.000	1.00	NO	02.100	02.100					
86	PCB-103				34.23	34.23	3.27e6	2.10e6	1.000	1.00	NO	00.200	00.200					
87	PCB-100				34.00	34.71	3.44e6	2.37e6	1.000	1.00	NO	00.010	00.010					
88	PCB-04				35.20	35.10	2.70e6	1.70e6	1.000	1.07	NO	00.000	00.000					
89	PCB-0500102				35.00	35.07	1.00e6	0.07e6	1.000	1.07	NO	100.00	100.00					
70	PCB-03				35.01	35.01	2.00e6	1.70e6	1.000	1.00	NO	00.000	00.000					
71	PCB-0000				35.10	35.10	0.07e6	0.00e6	1.000	1.00	NO	100.00	100.00					
72	PCB-121				35.20	35.20	4.00e6	3.00e6	1.000	1.00	NO	00.000	00.000					



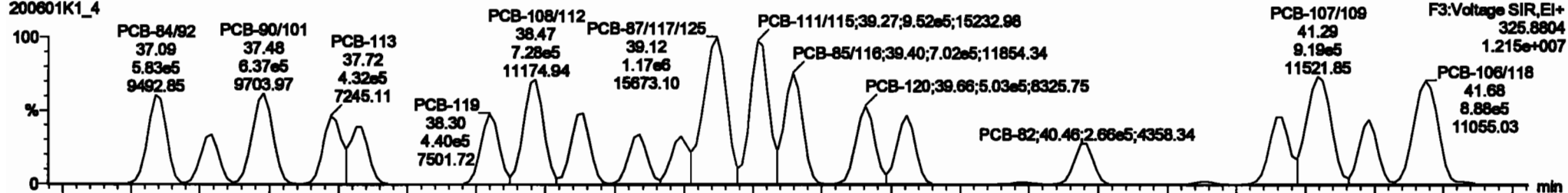
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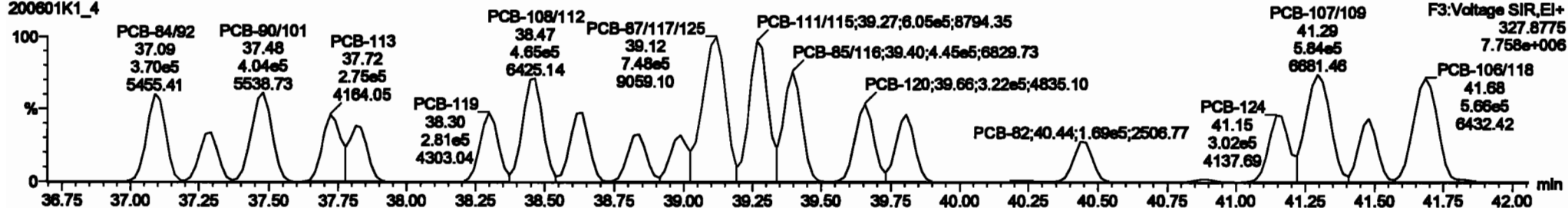
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PCB-119

200601K1_4

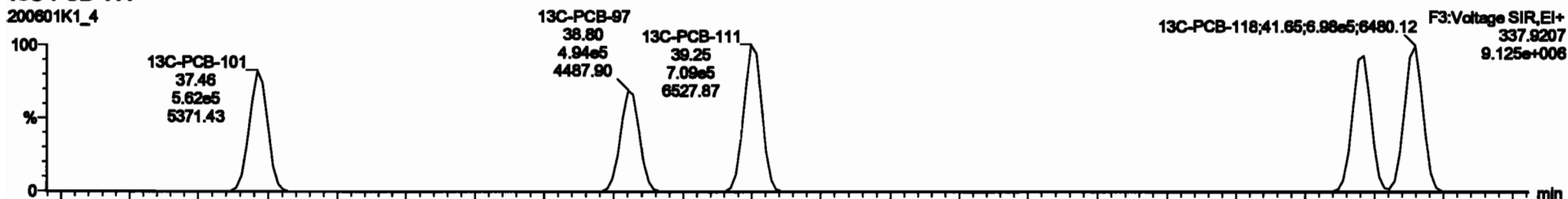


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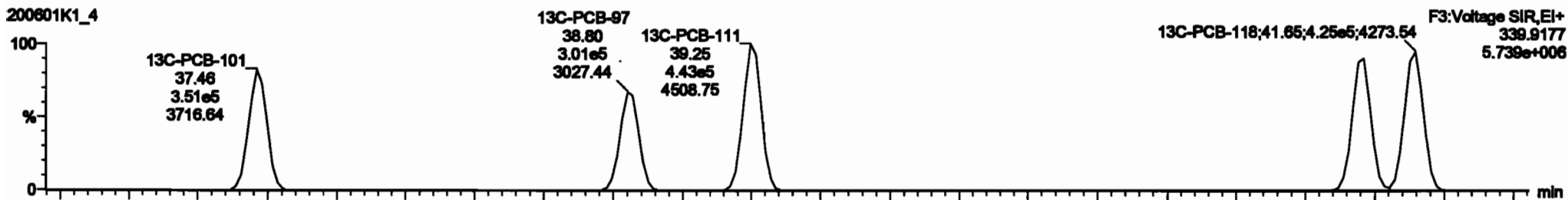


13C-PCB-111

200601K1_4

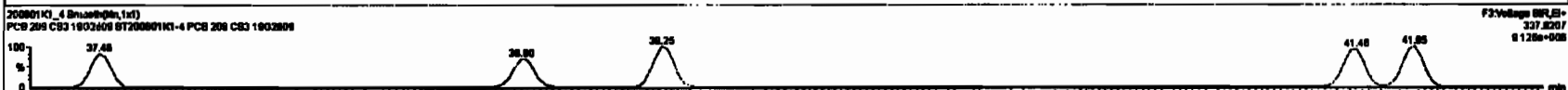
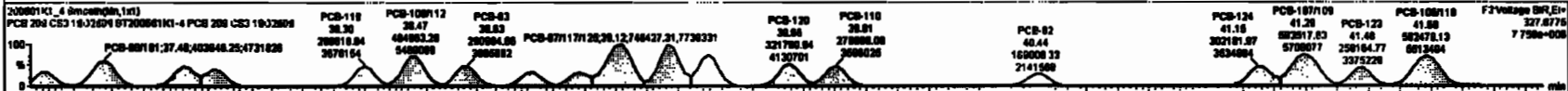


200601K1_4



#	Name	Range	RA	Qty	Unit	Prod	Prod	DF	Prod	DF	Prod	DF	Prod	DF	Prod	DF	Prod	DF
234	Total Micro-PCBs					1,188	1,000	0.00	0.000	NO	188.1	0.000	188.1					
235	Total D-PCBs					1,000	1,000	0.00	0.000	NO	0.000	0.000	0.000					
236	2nd Function TM-PCBs					1,000	1,000	0.00	0.000	NO	412.8	0.000	412.8					
237	2nd Function TM-PCBs					0.000	1,000	0.00	0.000	NO	0.000	0.000	0.000					
238	Total TMS-PCBs					1,076	1,000	0.00	0.000	NO	2171	0.000	2171					
239	6th Function Para-PCBs					1,000	1,000	0.00	0.000	NO	291.1	0.000	291.1					
240	6th Function Para-PCBs					0.000	1,000	0.00	0.000	NO	0.000	0.000	0.000					
241	6th Function Para-PCBs					1,000	1,000	0.00	0.000	NO	1491	1.000	1491					
242	Total Para-PCBs					1,000	1,000	0.00	0.000	NO	1200	1.200	1200					
243	6th Function Para-PCBs					1,000	1,000	0.00	0.000	NO	446.1	0.000	446.1					
244	6th Function Para-PCBs					1,000	1,000	0.00	0.000	NO	164.1	0.000	164.1					

#	Name	Prod	DF	off Range	off Range	1 st Peak (Prod)	RA	Qty	Unit	Prod	DF	Prod	DF
64	PCB-118	32.47	32.47	4.20e-6	2.72e-6	1.200	1.00	NO	63.234	63.234			
65	PCB-43	33.76	33.76	4.20e-6	2.72e-6	1.200	1.00	NO	62.119	62.119			
66	PCB-109	34.23	34.23	3.37e-6	2.18e-6	1.200	1.00	NO	60.288	60.288			
67	PCB-103	34.69	34.71	3.44e-6	2.21e-6	1.200	1.00	NO	60.016	60.016			
68	PCB-41	35.21	35.19	2.72e-6	1.74e-6	1.200	1.00	NO	60.480	60.480			
69	PCB-44	35.69	35.67	1.84e-6	0.67e-6	1.200	1.00	NO	162.28	162.28			
70	PCB-40	36.01	36.01	2.50e-6	1.74e-6	1.200	1.00	NO	60.280	60.280			
71	PCB-40	36.10	36.10	0.07e-6	3.00e-6	1.200	1.00	NO	100.00	100.00			
72	PCB-121	36.30	36.28	4.00e-6	3.10e-6	1.200	1.00	NO	49.000	49.000			



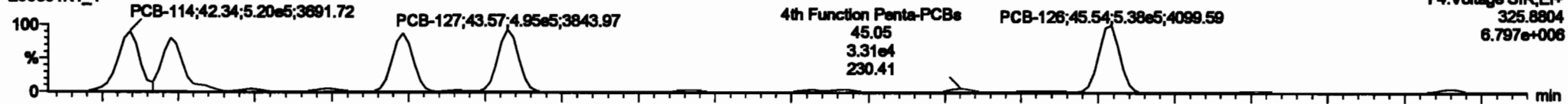
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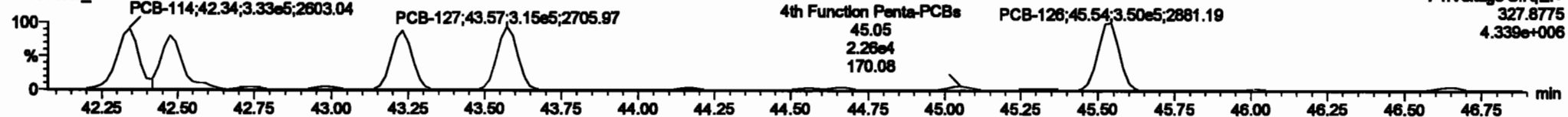
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PCB-114

200601K1_4

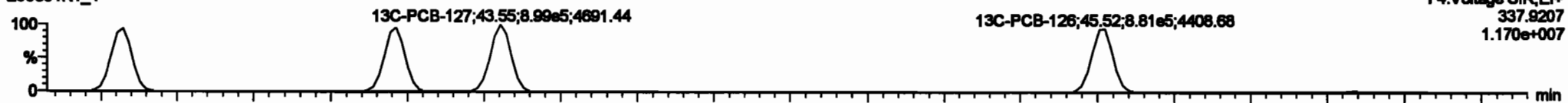


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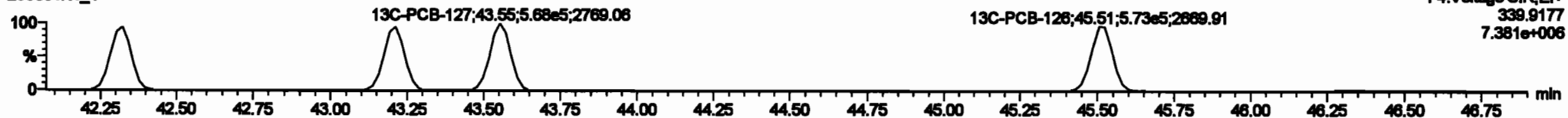


13C-PCB-114

200601K1_4

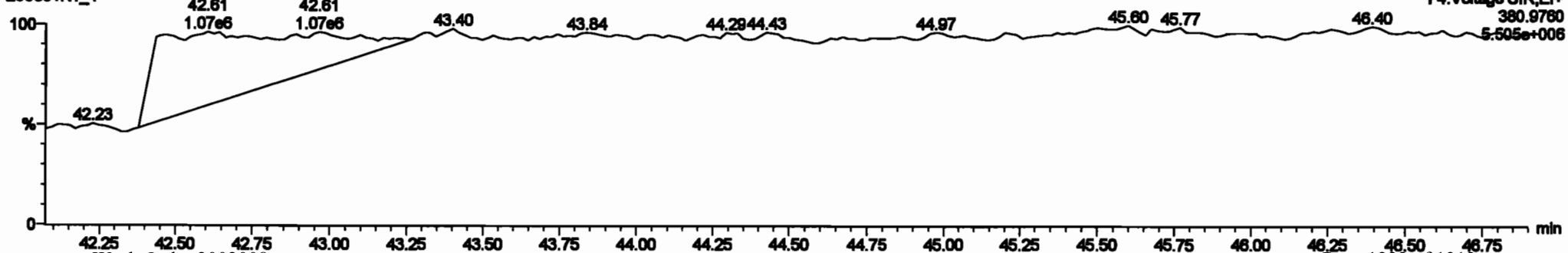


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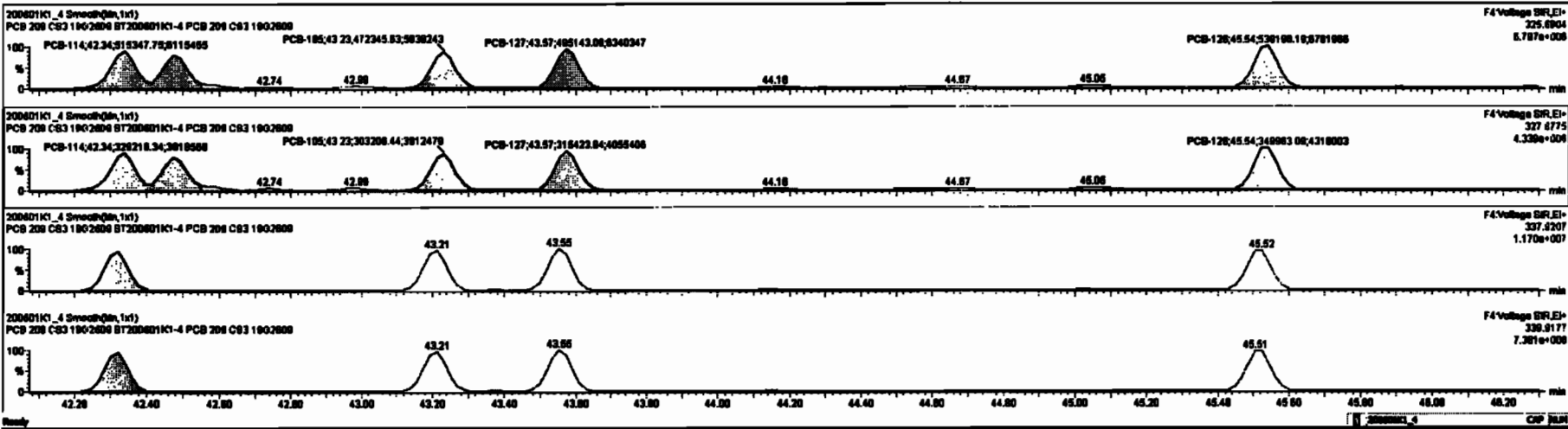
PFK4a

200601K1_4



#	Name	Range	BA	Units	RPV	StdDev	Mean	Min	Max	Print R	RPV	RPV Pct	Comp	RPV	RPV
224	Total Micro-PCBs				1.1885	1.000	0.00			0.000	NO	198.1	0.0042	198.1	
225	Total DL-PCBs				1.0837	1.000	0.00			0.000	NO	818.4	0.289	818.4	
226	2nd Function TA-PCBs				1.2607	1.000	0.00			0.000	NO	412.5	0.0070	412.5	
227	3rd Function TA-PCBs				0.9828	1.000	0.00			0.000	NO	818.1	0.371	818.1	
228	Total Telo-PCBs				1.5778	1.000	0.00			0.000	NO	2171	0.843	2171	
229	2nd Function Rexto-PCBs				1.3157	1.000	0.00			0.000	NO	2168	0.825	2168	
230	3rd Function Rexto-PCBs				1.0224	1.000	0.00			0.000	NO	289.2	0.488	289.2	
231	2nd Function Hexto-PCBs				0.8886	1.000	0.00			0.000	NO	99.0	0.188	99.0	
232	4th Function Hexto-PCBs				1.0918	1.000	0.00			0.000	NO	1481	1.55	1481	
233	Total Hexto-PCBs				1.2891	1.000	0.00			0.000	NO	1280	1.28	1280	
234	4th Function Cxto-PCBs				1.0028	1.000	0.00			0.000	NO	445.1	0.322	445.1	
235	6th Function Cxto-PCBs				1.1488	1.000	0.00			0.000	NO	184.1	0.260	184.1	

#	Name	Print R	RPV	StdDev	Mean	Min	Max	Print R	RPV	RPV Pct	Comp
1	83 PCB-114	42.34	42.34	6.182e5	3.282e5	1.580	1.87	NO	82.841	82.841	
2	84 PCB-122	42.48	42.47	4.218e5	2.889e5	1.580	1.88	NO	82.105	82.105	
3	85 PCB-105	43.23	43.23	4.722e5	3.022e5	1.580	1.88	NO	82.880	82.880	
4	86 PCB-127	43.87	43.87	4.881e5	3.184e5	1.580	1.87	NO	82.188	82.188	
5	87 PCB-128	45.84	45.84	6.282e5	3.900e5	1.580	1.84	NO	82.138	82.138	



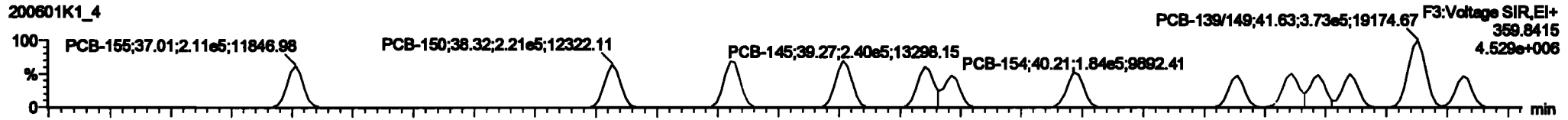
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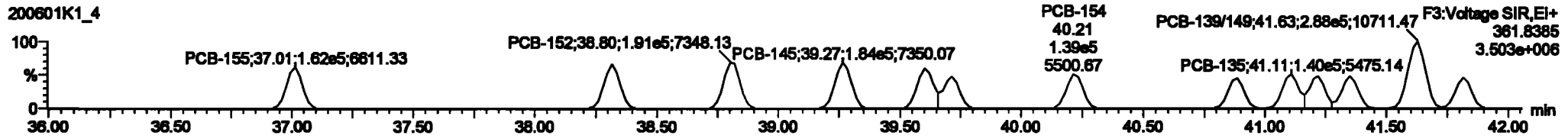
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PCB-155

200601K1_4

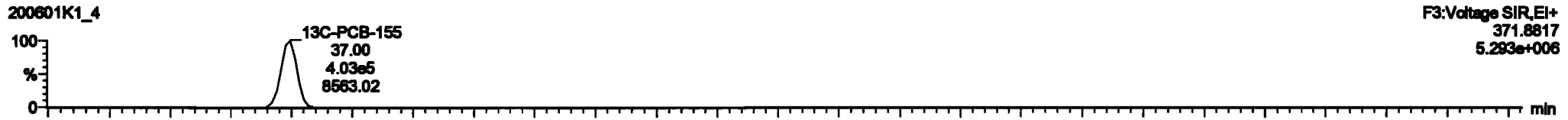


200601K1_4

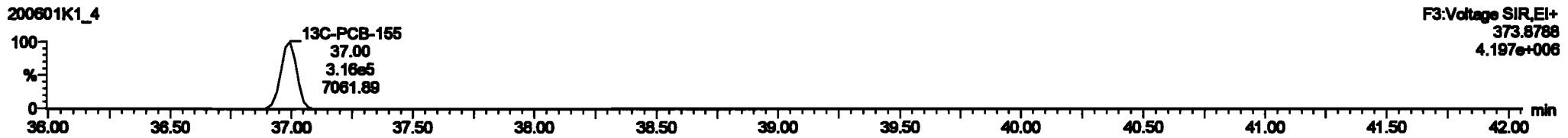


13C-PCB-155

200601K1_4

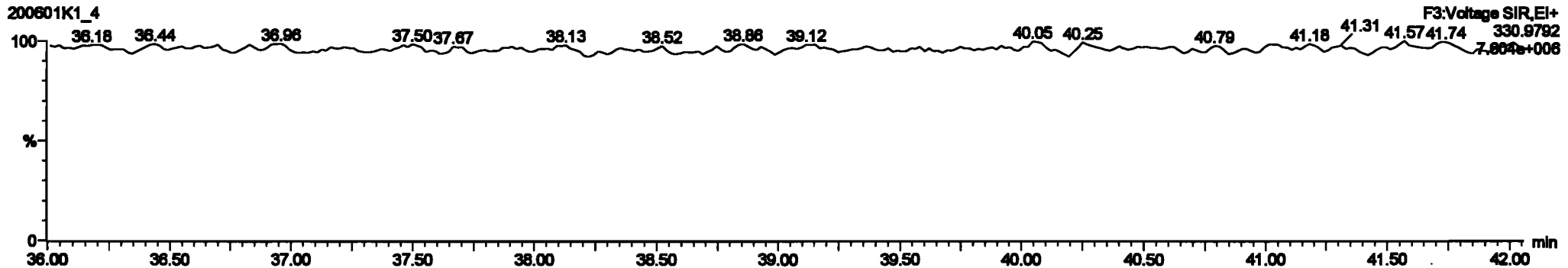


200601K1_4



PFK3c

200601K1_4

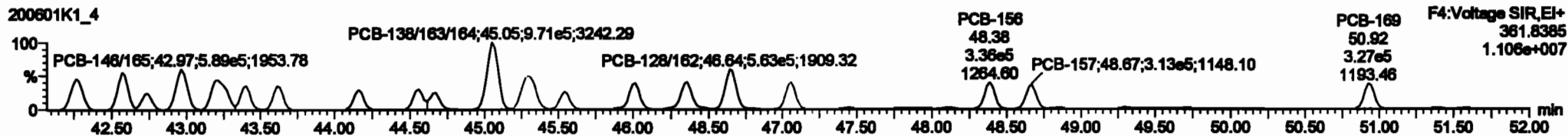
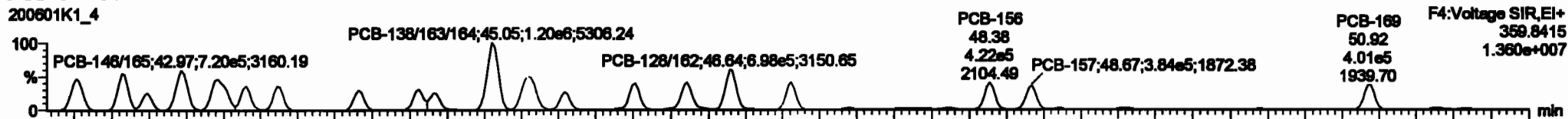


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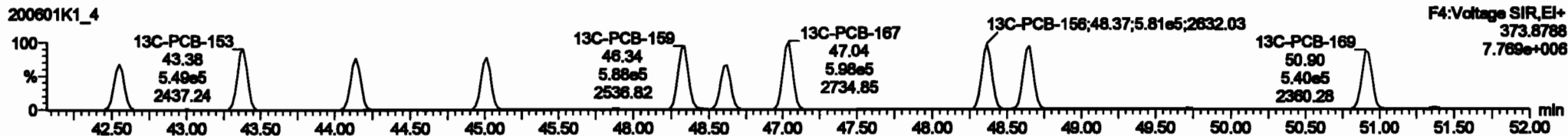
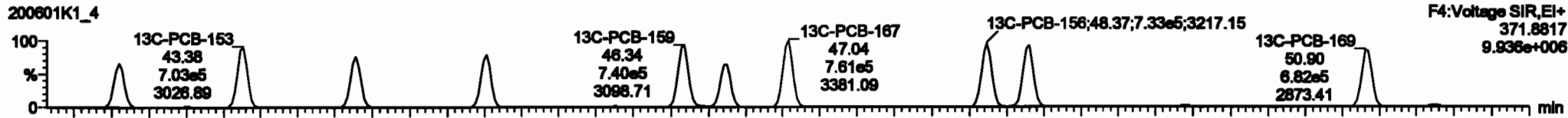
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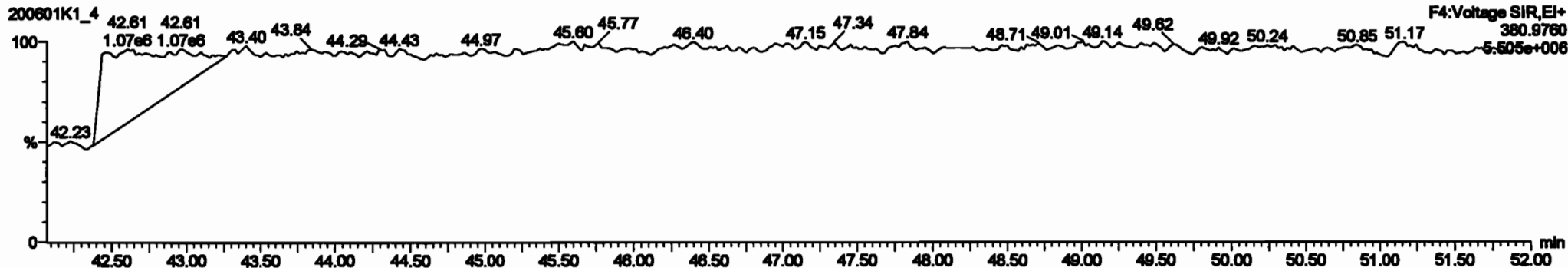
PCB-134/143



13C-PCB-153

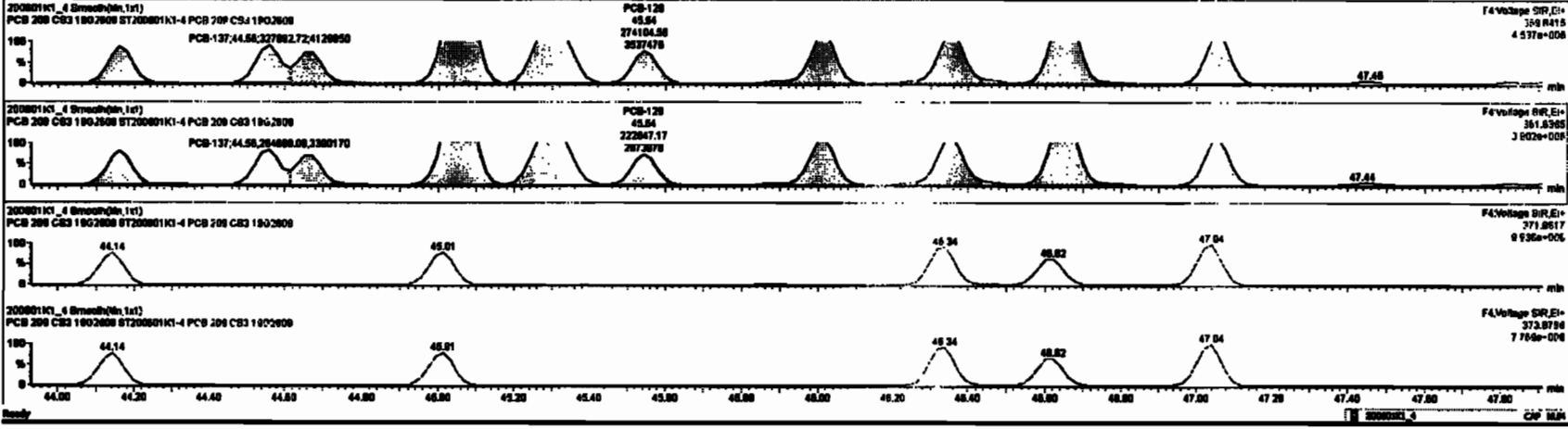


PFK4b



#	Name	Range	RA	Qty	SNP	used	ProdRT	RT	ProdRT	SNP	SNP Pct	Comp.	SNP	DL	SNPC
224	Total Mono-PCBs				1.1898	1.000	0.00	0.000		ND	188.1		0.0343	188.1	
224	Total Di-PCBs				1.0637	1.000	0.00	0.000		ND	818.4		0.280	818.4	
224	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000		ND	412.6		0.0070	412.6	
227	2nd Function Tetra-PCBs				0.8828	1.000	0.00	0.000		ND	818.1		0.371	818.1	
228	Total Penta-PCBs				1.0779	1.000	0.00	0.000		ND	2171		0.843	2171	
228	2nd Function Penta-PCBs				1.2167	1.000	0.00	0.000		ND	2168		0.836	2168	
229	6th Function Penta-PCBs				1.0728	1.000	0.00	0.000		ND	281.1		0.182	281.1	
229	2nd Function Hexa-PCBs				0.8800	1.000	0.00	0.000		ND	887.0		0.188	887.0	
230	6th Function Hexa-PCBs				1.0513	1.000	0.00	0.000		ND	1228		1.36	1228	
230	Total Hepta-PCBs				1.2691	1.000	0.00	0.000		ND	1280		1.38	1280	
234	6th Function Octa-PCBs				1.2208	1.000	0.00	0.000		ND	448.1		0.322	448.1	
250	6th Function Nona-PCBs				1.1488	1.000	0.00	0.000		ND	184.1		0.281	184.1	

#	Name	ProdRT	RT	Cal Range	Off Range	1 st Rate (Prod)	RA	Qty	SNPC	Comp.
1	111 PCB-126143	43.28	43.28	6.80e+6	6.80e+6	1.240	1.34	ND	108.84	108.84
2	112 PCB-126128	43.88	43.87	6.80e+6	4.87e+6	1.240	1.32	ND	108.33	108.33
3	113 PCB-142	43.74	43.74	2.39e+6	2.13e+6	1.240	1.34	ND	83.770	83.770
4	114 PCB-148188	43.88	43.87	7.20e+6	6.69e+6	1.240	1.32	ND	103.87	103.87
5	115 PCB-152181	43.22	43.21	7.20e+6	6.69e+6	1.240	1.34	ND	102.88	102.88
6	116 PCB-153	43.66	43.68	3.88e+6	3.54e+6	1.240	1.32	ND	82.913	82.913
7	117 PCB-168	43.82	43.81	3.81e+6	3.57e+6	1.240	1.34	ND	81.888	81.888
8	118 PCB-141	44.56	44.58	3.05e+6	2.67e+6	1.240	1.34	ND	81.888	81.888
9	119 PCB-137	44.88	44.88	3.37e+6	3.04e+6	1.240	1.34	ND	81.888	81.888

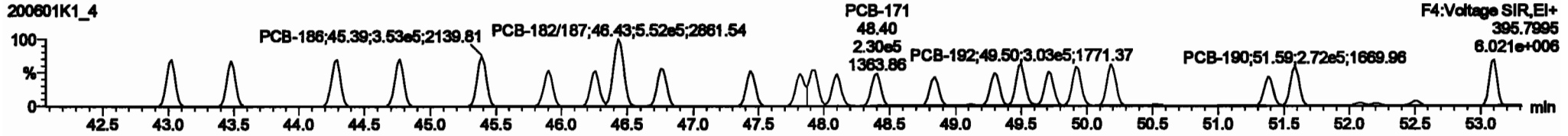
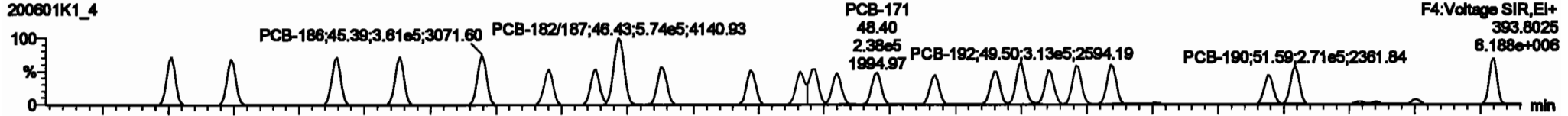


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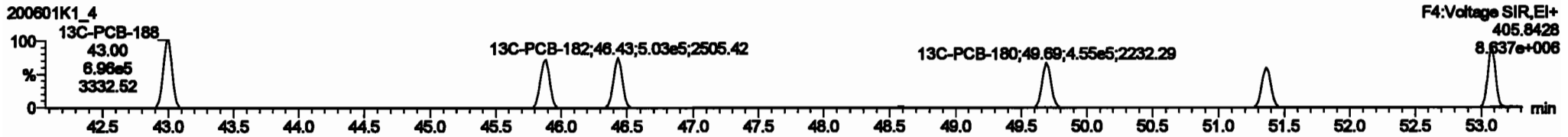
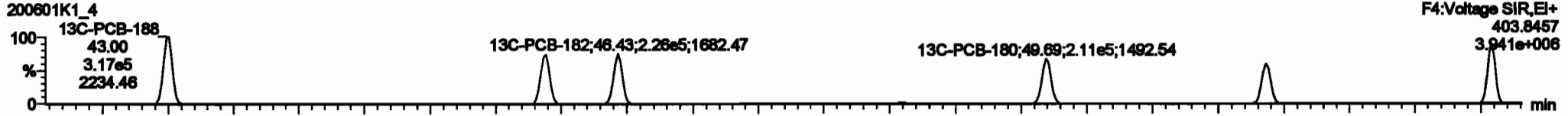
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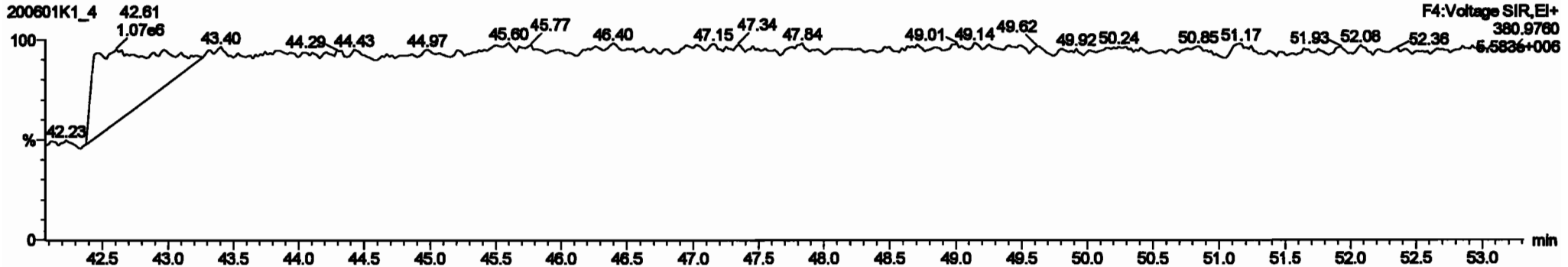
PCB-188



13C-PCB-188



PFK4c



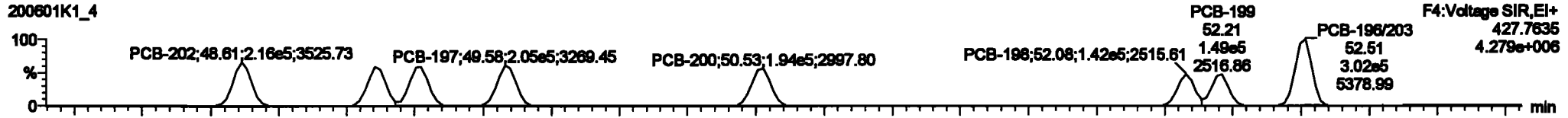
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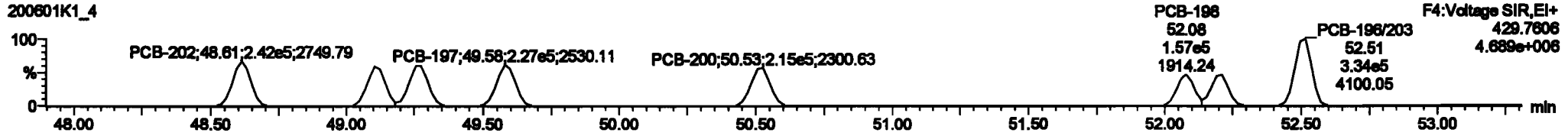
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PCB-202

200601K1_4

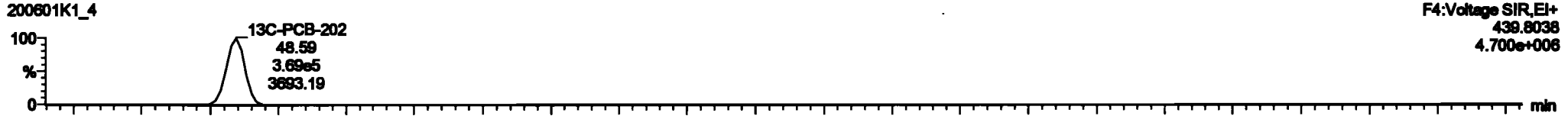


200601K1_4

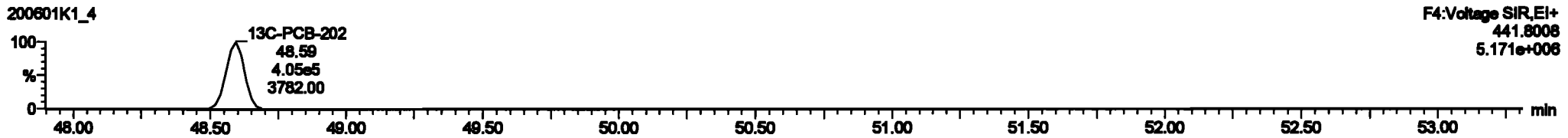


13C-PCB-202

200601K1_4

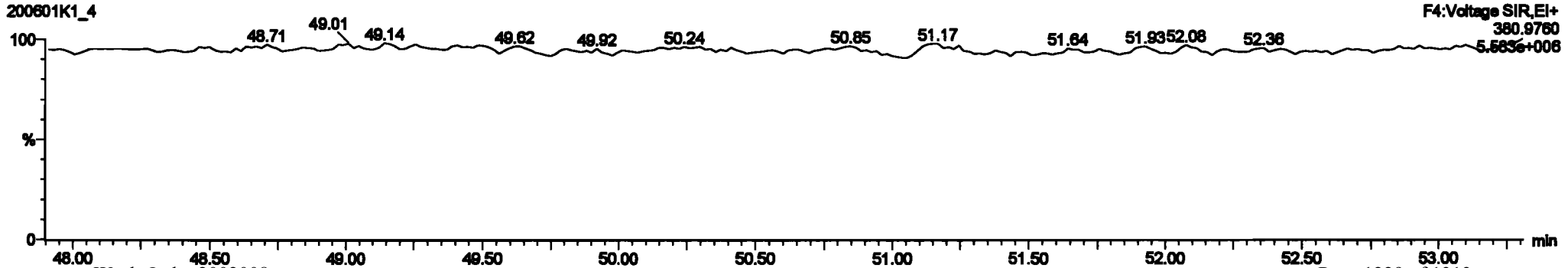


200601K1_4



PFK4d

200601K1_4



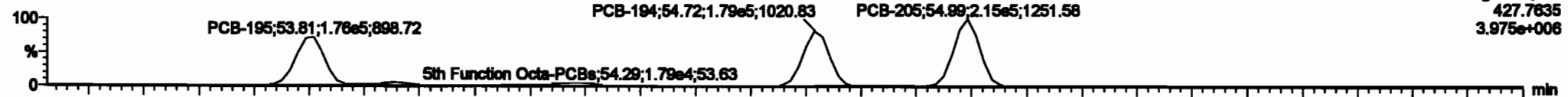
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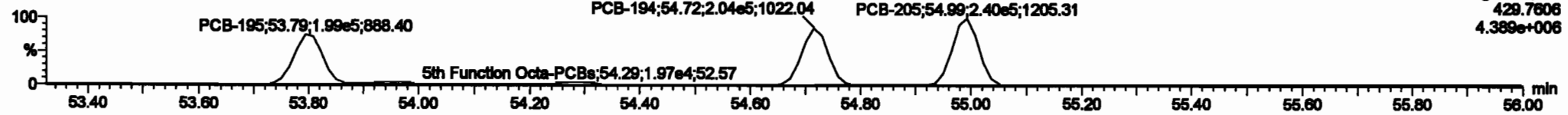
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PCB-195

200601K1_4

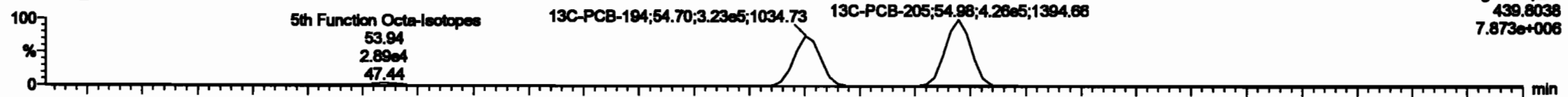


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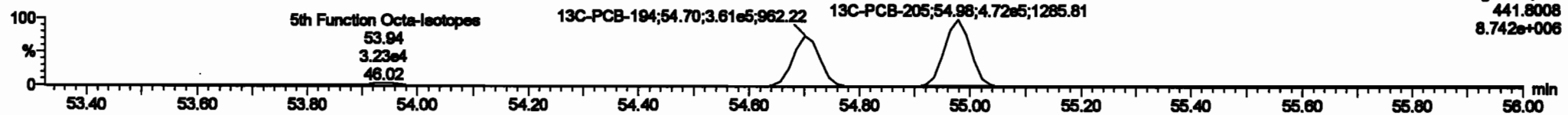


13C-PCB-194

200601K1_4

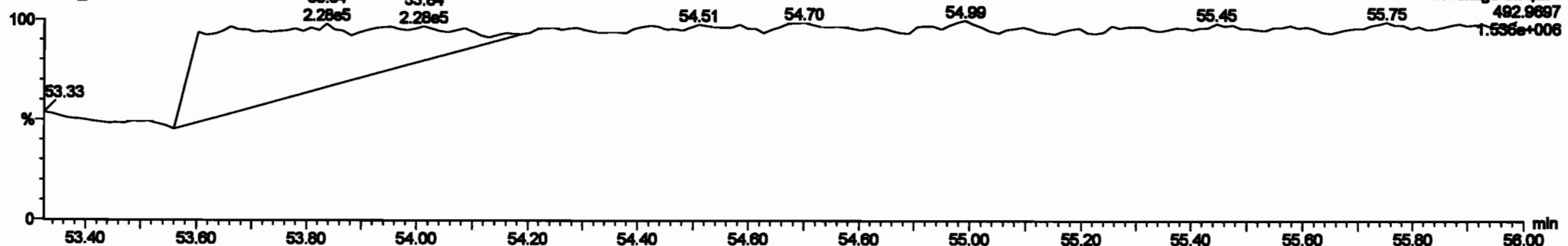


200601K1_4



PFK5a

200601K1_4



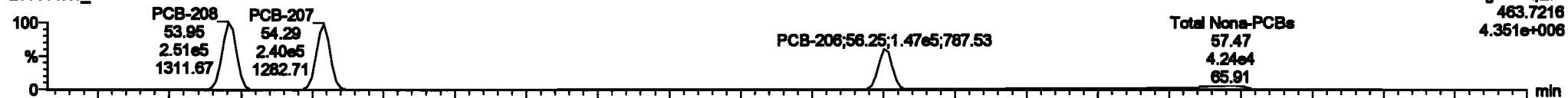
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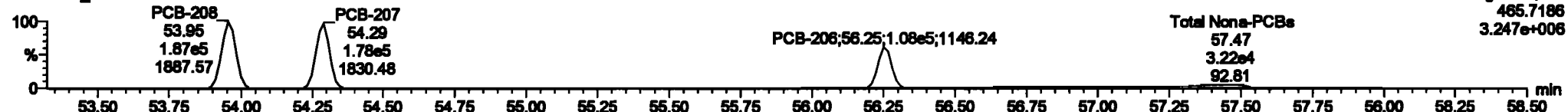
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PCB-208

200601K1_4

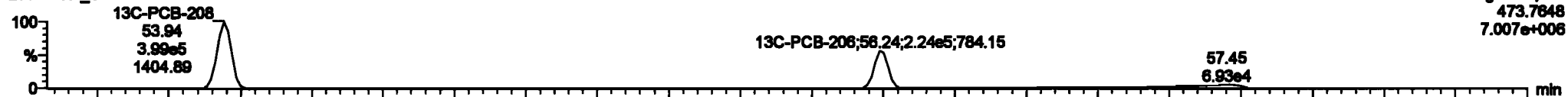


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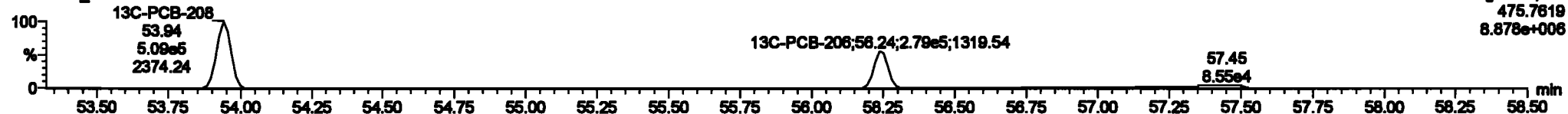


13C-PCB-208

200601K1_4

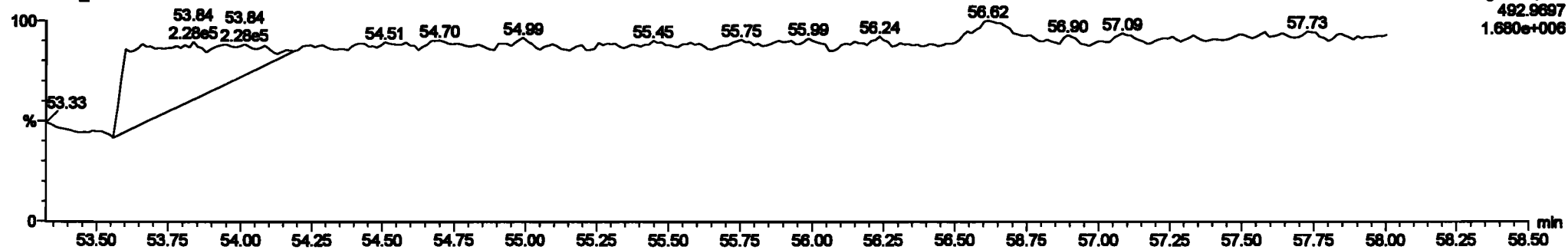


200601K1_4



PFK5

200601K1_4



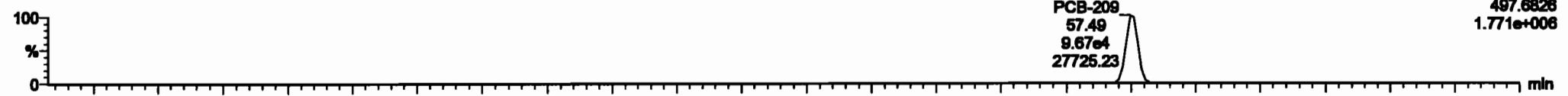
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

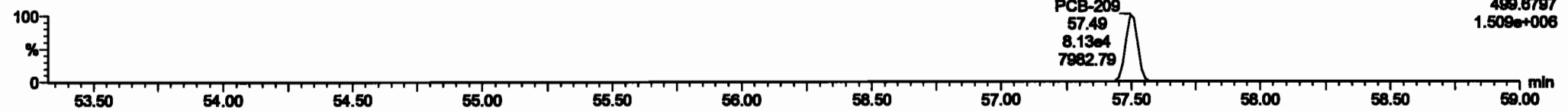
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PCB-209

200601K1_4

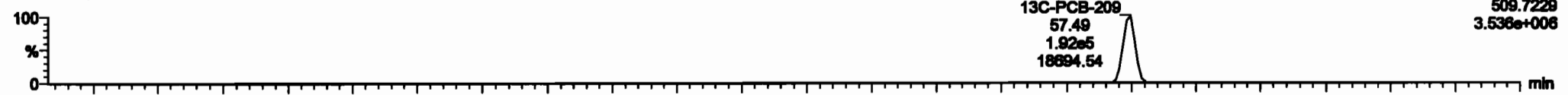


200601K1_4

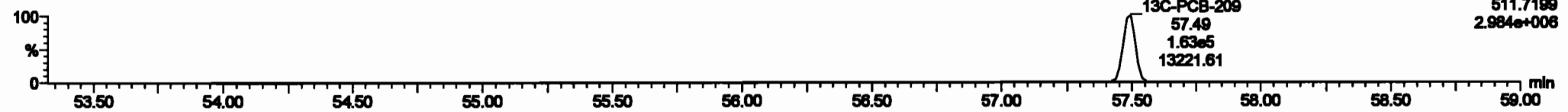


13C-PCB-209

200601K1_4

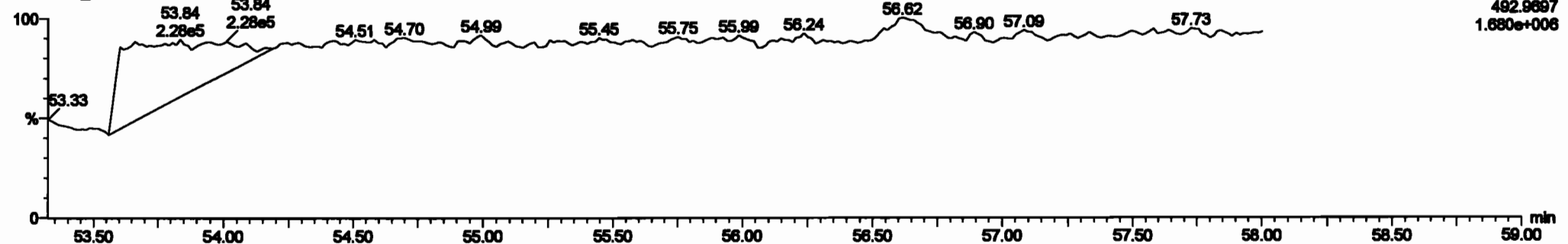


200601K1_4



PFK5b

200601K1_4



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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

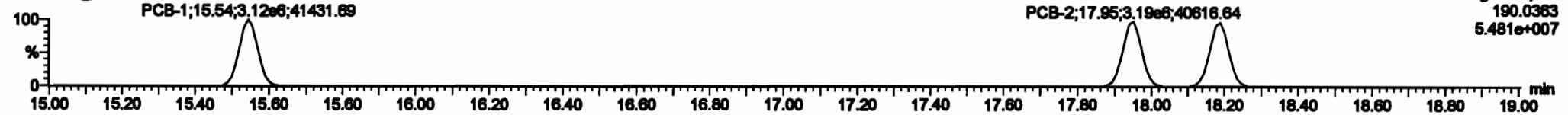
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PCB-1

200601K1_5



200601K1_5

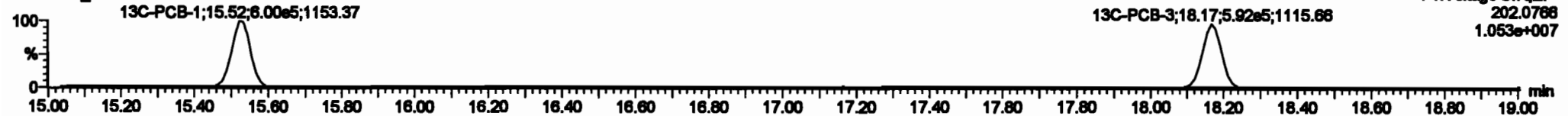


13C-PCB-1

200601K1_5

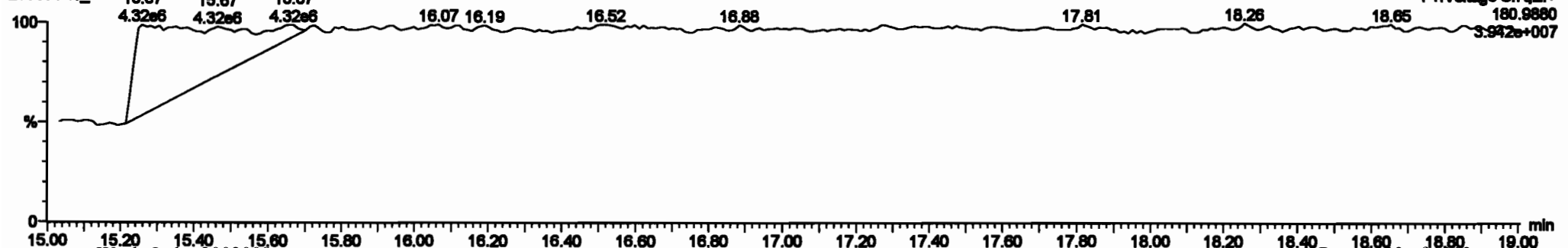


200601K1_5



PFK1

200601K1_5

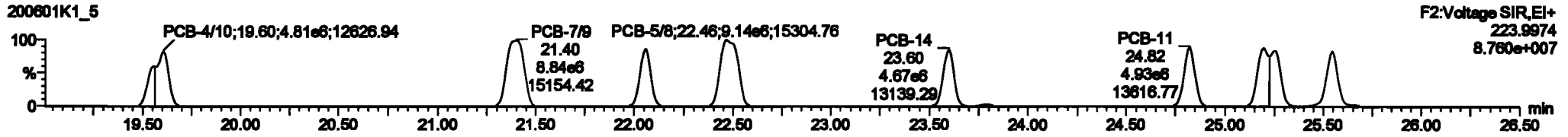
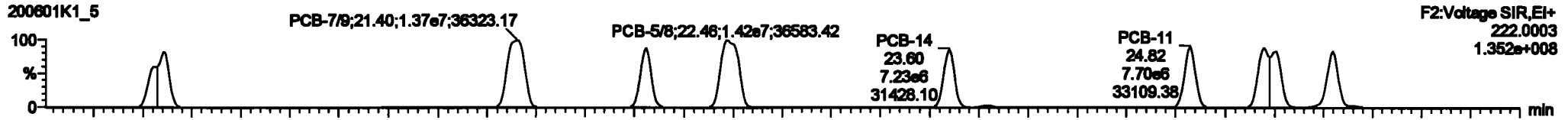


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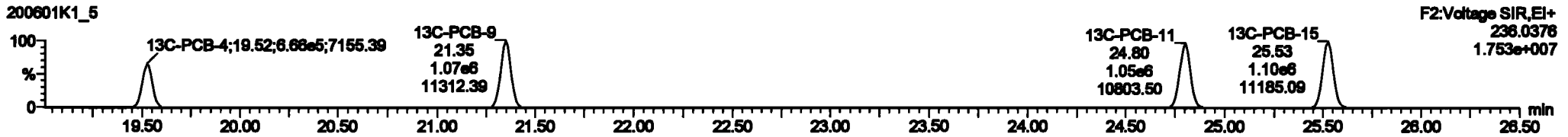
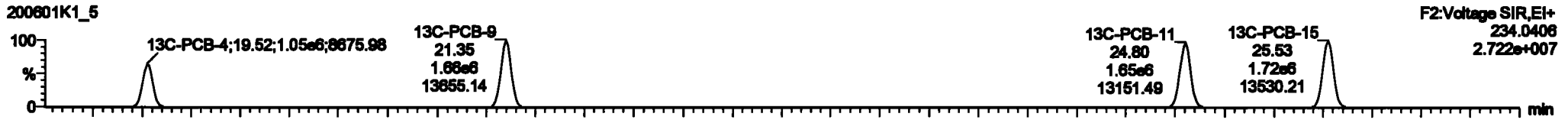
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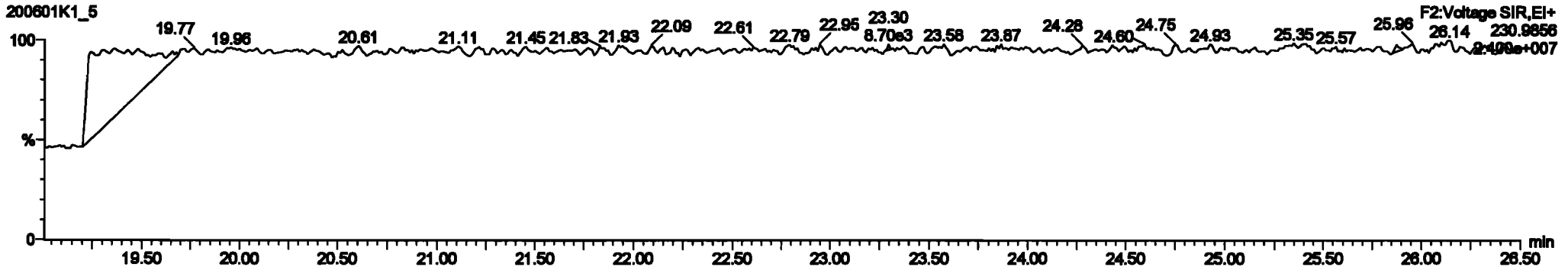
PCB-4/10



13C-PCB-4



PFK2a

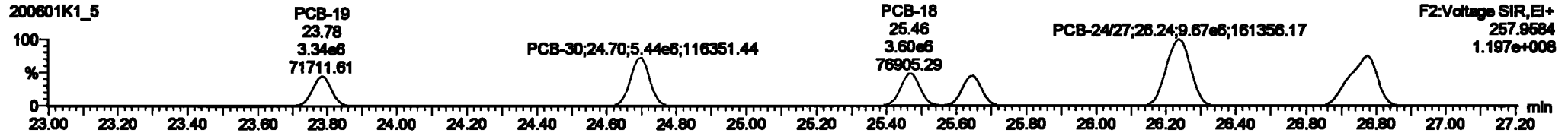


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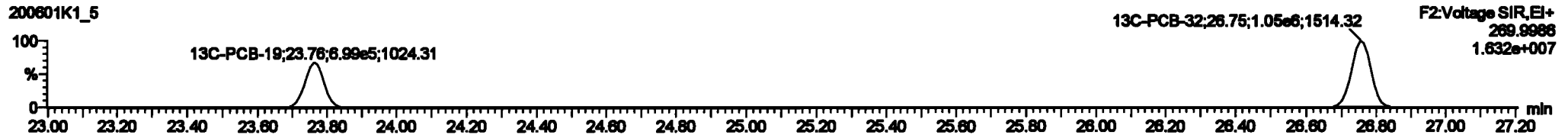
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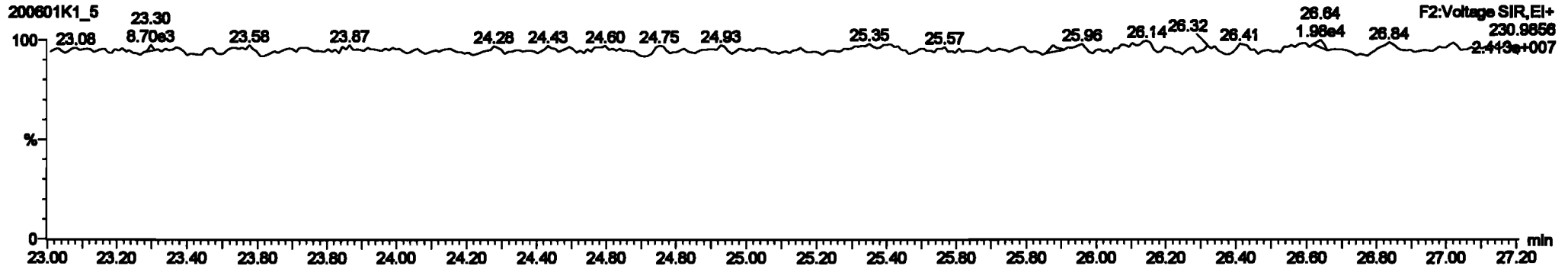
PCB-19



13C-PCB-19



PFK2b

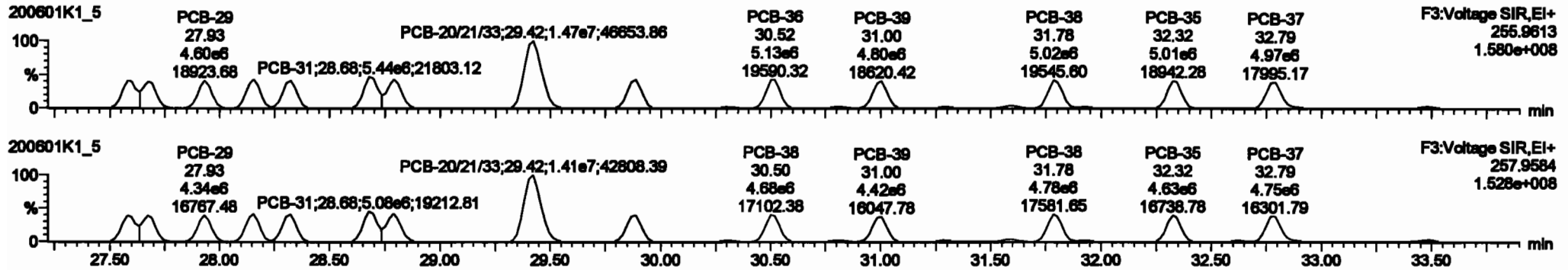


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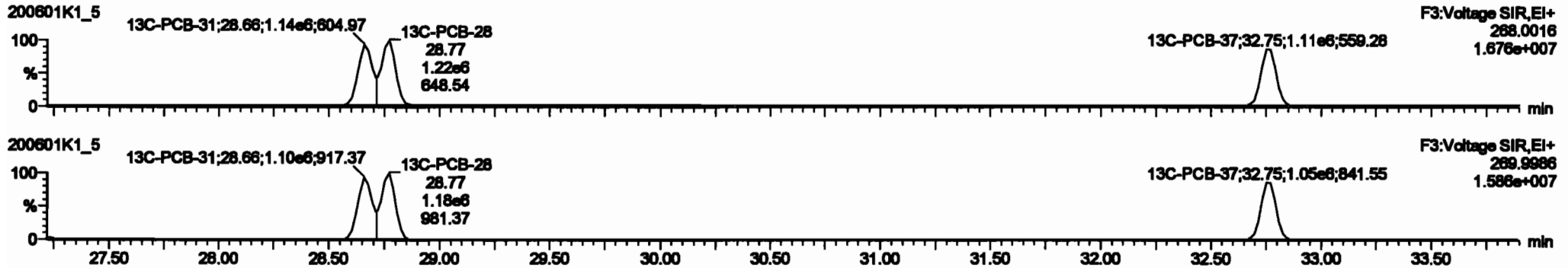
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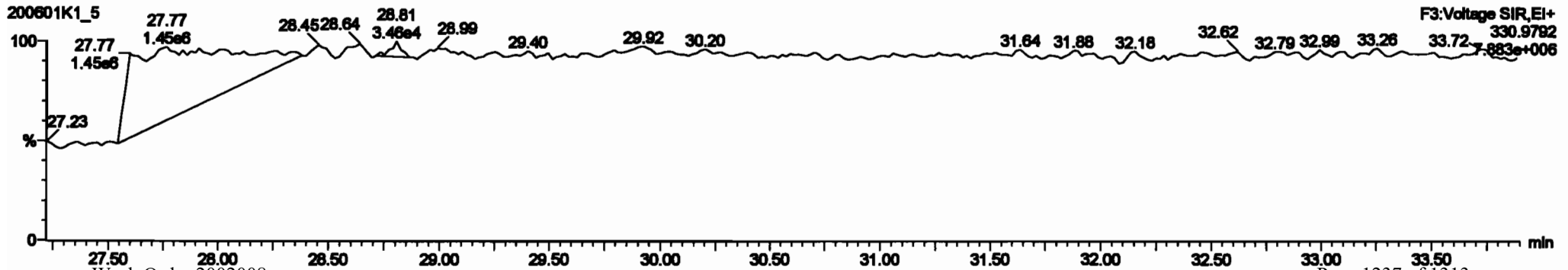
PCB-34



13C-PCB-28

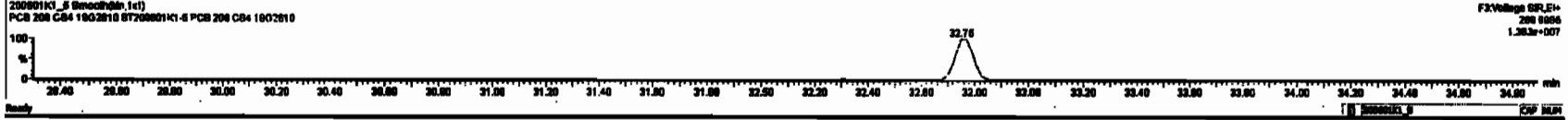
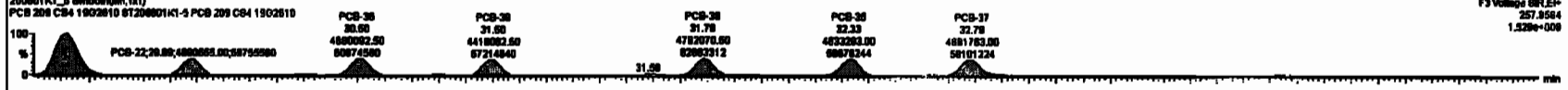
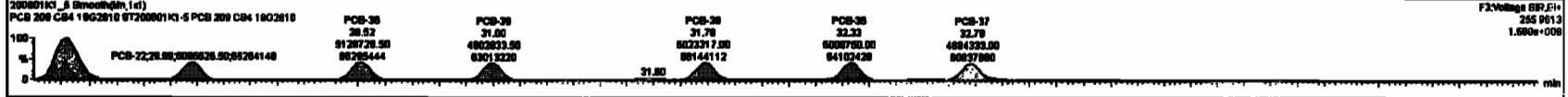


PFK3d



Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
220	13C-PCB-78	1.89e6	0.79	NO	1.0021	1.000	37.76	37.76	0.000
226	13C-PCB-178	7.89e6	0.61	NO	1.0000	1.000	48.87	48.88	0.000
224	Total Mono-PCBs				1.1895	1.000	0.00	0.000	NO
226	Total Di-PCBs				1.0027	1.000	0.00	0.000	NO
228	Total Tri-PCBs				1.0007	1.000	0.00	0.000	NO
228	Total Tetra-PCBs				1.0770	1.000	0.00	0.000	NO
228	Total Penta-PCBs				1.0167	1.000	0.00	0.000	NO
230	Total Hexa-PCBs				1.0726	1.000	0.00	0.000	NO
230	Total Hepta-PCBs				0.0000	1.000	0.00	0.000	NO
232	Total Octa-PCBs				1.0916	1.000	0.00	0.000	NO
232	Total Nona-PCBs				1.0000	1.000	0.00	0.000	NO

Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
18	PCB-24	27.89	27.89	4.00e6	4.287e6	1.000	1.00	NO	417.53
19	PCB-28	27.89	27.89	4.00e6	4.287e6	1.000	1.00	NO	418.77
20	PCB-28	27.89	27.89	4.00e6	4.287e6	1.000	1.00	NO	417.81
21	PCB-28	28.10	28.10	4.00e6	4.287e6	1.000	1.00	NO	423.78
22	PCB-28	28.31	28.32	4.79e6	4.819e6	1.000	1.04	NO	412.77
23	PCB-31	28.80	28.80	5.491e6	5.079e6	1.000	1.00	NO	420.07
24	PCB-28	28.78	28.78	5.398e6	5.089e6	1.000	1.00	NO	423.80
26	PCB-200100	28.43	28.43	1.472e7	1.487e7	1.000	1.00	NO	1276.0
28	PCB-22	28.87	28.88	8.088e6	4.891e6	1.000	1.00	NO	418.35

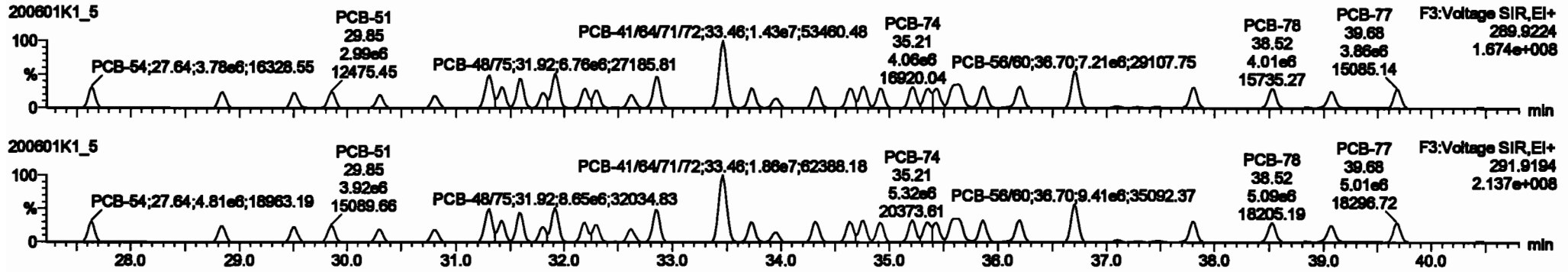


Dataset: Untitled

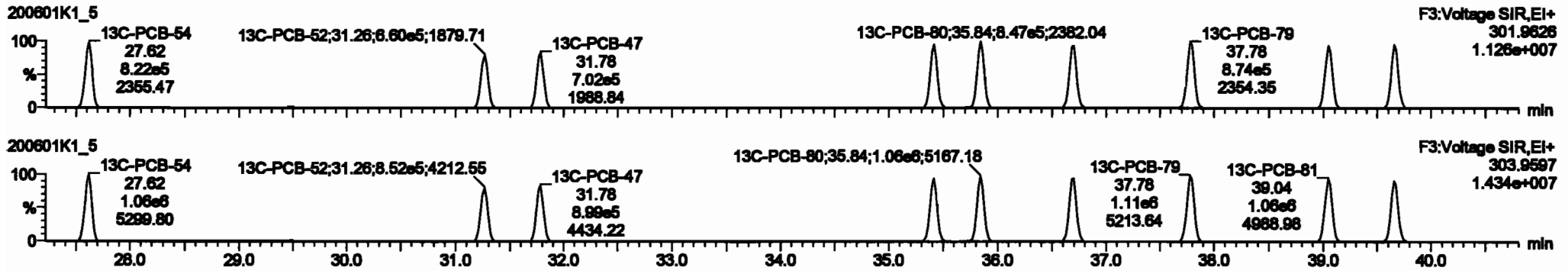
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

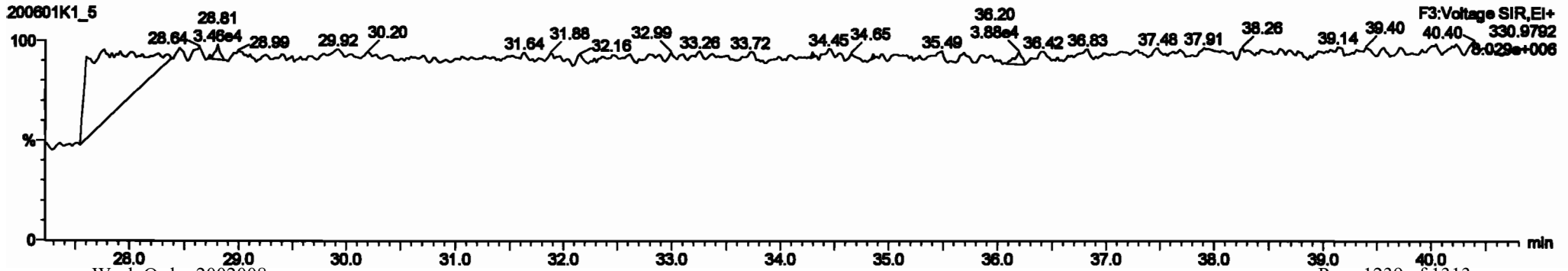
PCB-54



13C-PCB-54



PFK3a



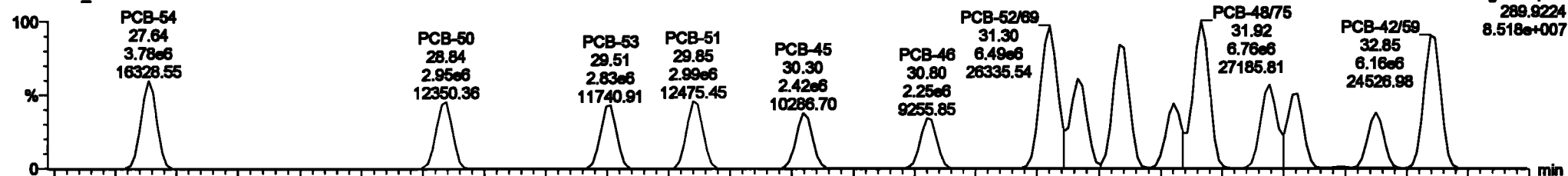
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

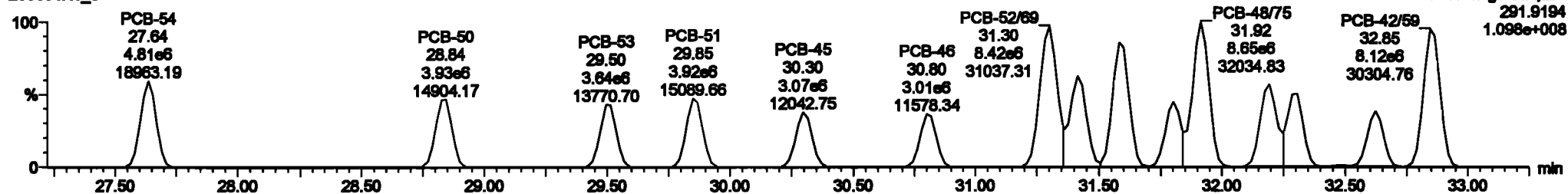
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PCB-50

200601K1_5



200601K1_5



13C-PCB-52

200601K1_5



200601K1_5

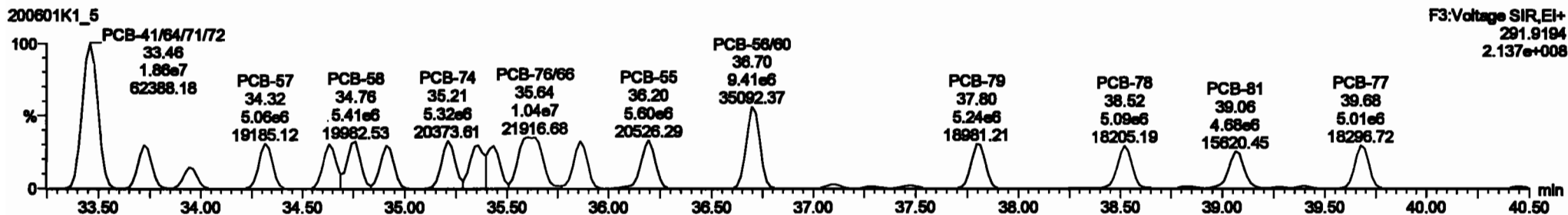
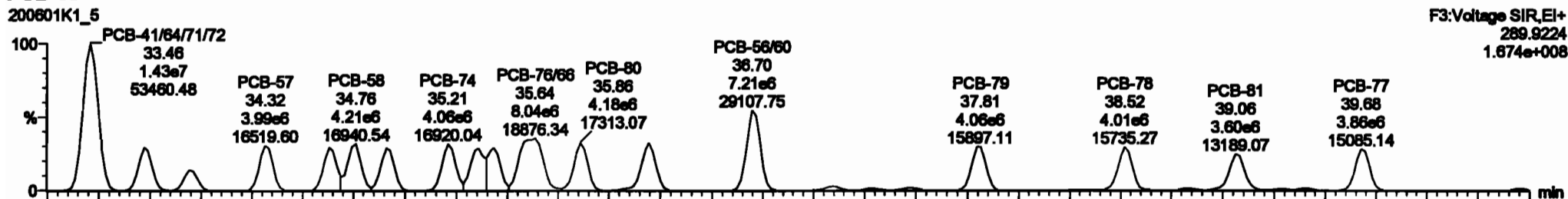


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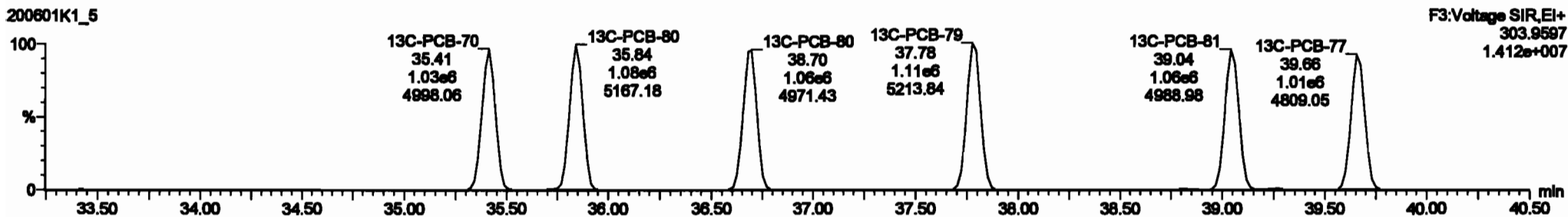
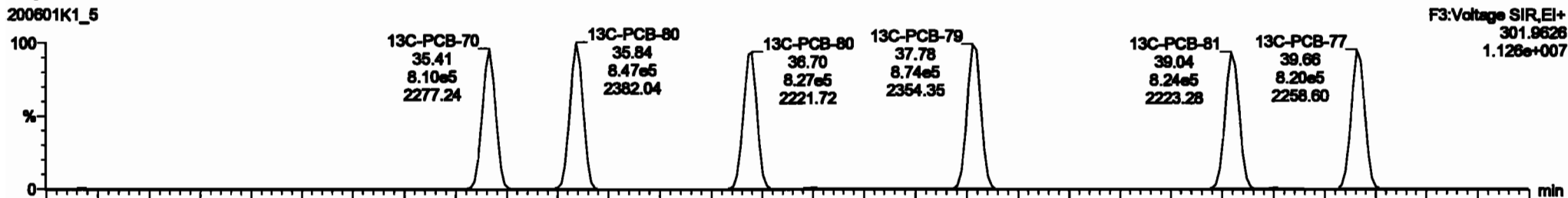
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Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

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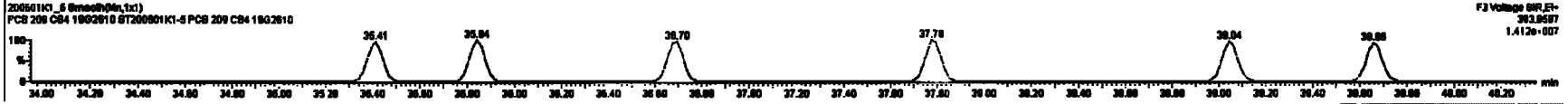
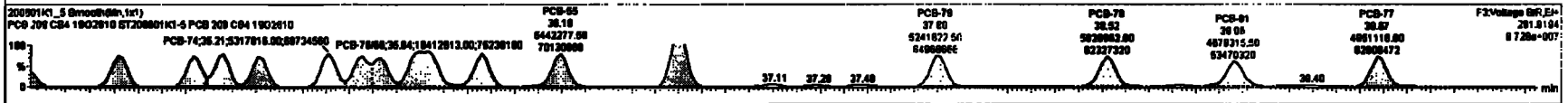
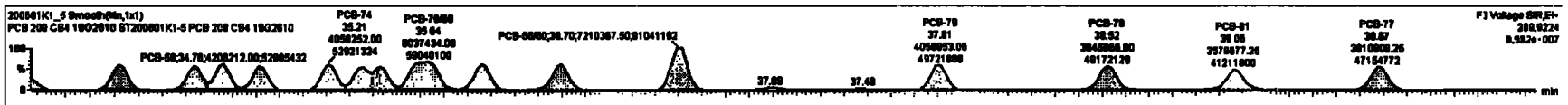


13C-PCB-60



#	Name	Range	Min	Max	Peak	Area	Height	Width	Skew	Asym	SNR	Q1	Q3	Area	Area%
222	13C-PCB-76	1.96e6	0.76	ND	1.0221	1.020	37.76	37.76	0.000	0.000	ND	87.42	87.4	0.0273	
223	13C-PCB-176	7.85e6	0.44	ND	1.0000	1.000	46.87	46.89	0.020	0.020	ND	87.16	87.2	0.112	
224	Total Mono-PCBs				1.0885	1.000	0.00	0.00	0.000	0.000	ND	1280		0.0384	1280
225	Total BI-PCBs				1.0837	1.000	0.00	0.00	0.000	0.000	ND	9120		0.248	9120
226	2nd Function BI-PCBs				1.0837	1.000	0.00	0.00	0.000	0.000	ND	3487		0.110	3487
227	2nd Function BI-PCBs				0.8208	1.000	0.00	0.00	0.000	0.000	ND	6774		0.882	6774
228	3rd Function Mono-PCBs				3.7876	1.000	0.00	0.00	0.000	0.000	ND	17480		1.27	17480
229	3rd Function Mono-PCBs				1.3187	1.000	0.00	0.00	0.000	0.000	ND	17480		0.004	17480
230	4th Function Mono-PCBs				1.0736	1.000	0.00	0.00	0.000	0.000	ND	2128		0.280	2128
231	3rd Function Mono-PCBs				0.8855	1.000	0.00	0.00	0.000	0.000	ND	8976		0.403	8976
232	4th Function Mono-PCBs				1.0319	1.000	0.00	0.00	0.000	0.000	ND	12140		2.87	12140
233	Total Mono-PCBs				1.3071	1.000	0.00	0.00	0.000	0.000	ND	4900		4.84	4900

#	Name	Peak#	RT	Ref Range	Ref Range	1st Ratio (Peak)	SA	Int	SNPC	Area
1	30 PCB-84	27.84	27.84	3.78e6	4.912e6	0.770	0.78	ND	422.48	422.48
2	30 PCB-84	28.80	28.84	2.88e6	3.87e6	0.770	0.78	ND	416.31	416.30
3	34 PCB-84	28.80	28.81	2.88e6	3.87e6	0.770	0.78	ND	428.24	428.24
4	28 PCB-84	28.85	28.85	2.88e6	3.87e6	0.770	0.78	ND	428.80	428.80
5	30 PCB-84	30.30	30.30	2.81e6	3.87e6	0.770	0.78	ND	433.10	433.10
6	37 PCB-84	38.80	38.80	2.24e6	3.81e6	0.770	0.78	ND	416.07	416.07
7	38 PCB-84	31.30	31.30	8.48e6	8.41e6	0.770	0.77	ND	846.12	846.12
8	38 PCB-78	31.41	31.41	4.85e6	6.30e6	0.770	0.77	ND	431.89	431.89
9	48 PCB-84	31.38	31.38	5.87e6	7.22e6	0.770	0.77	ND	636.18	636.18



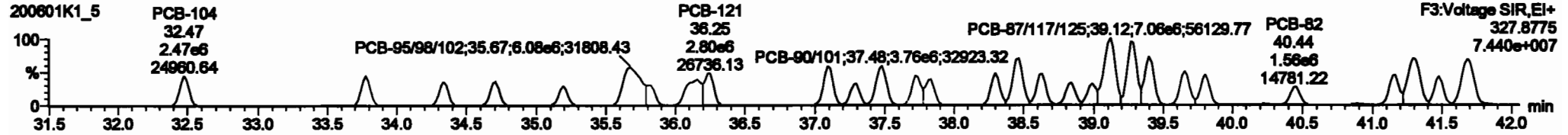
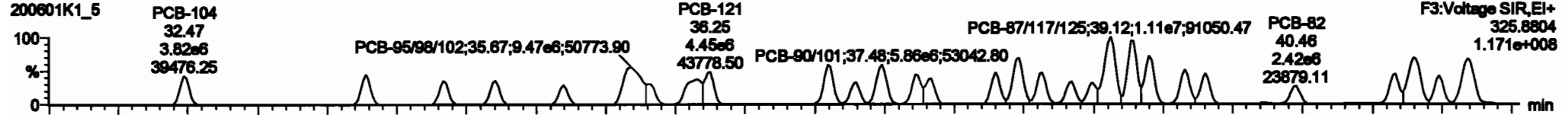
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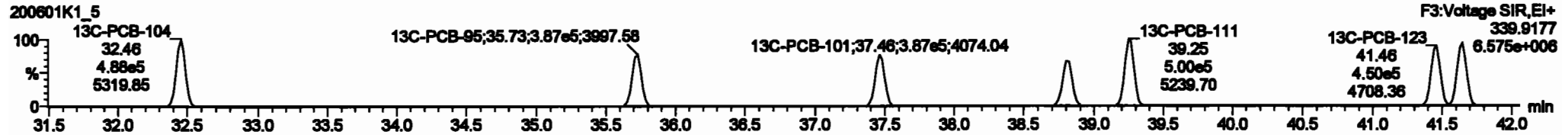
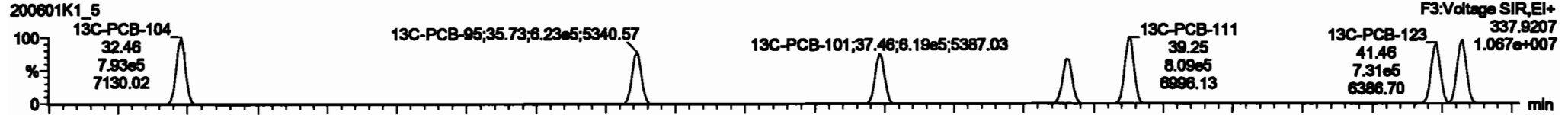
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Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

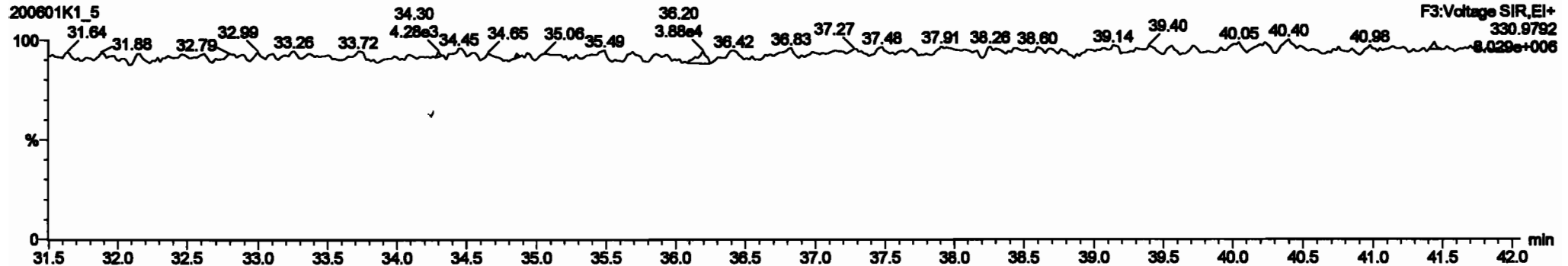
PCB-104



13C-PCB-104



PFK3b

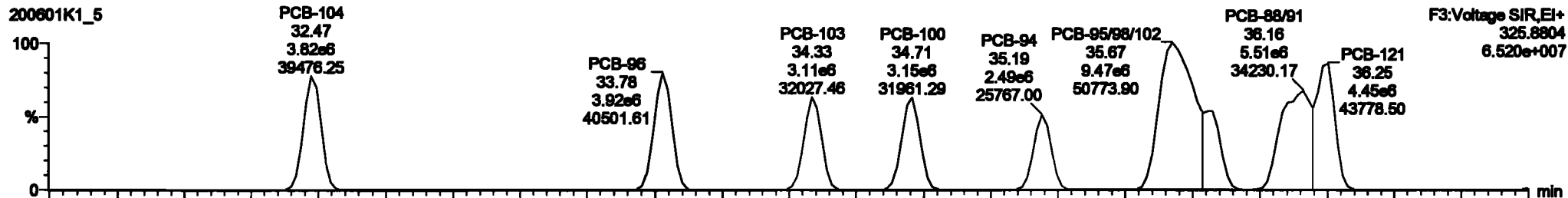


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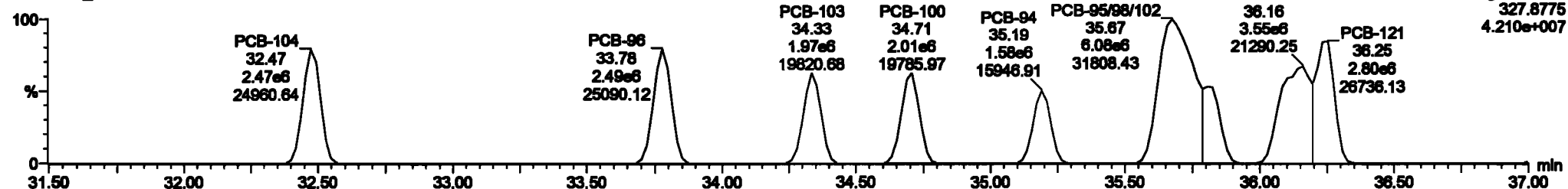
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-96



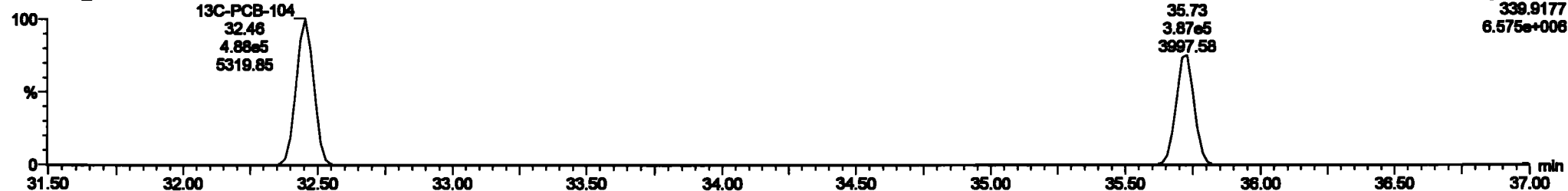
200601K1_5



13C-PCB-95



200601K1_5



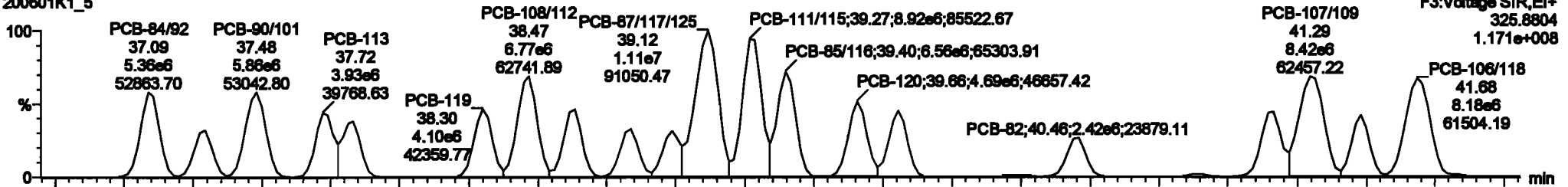
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

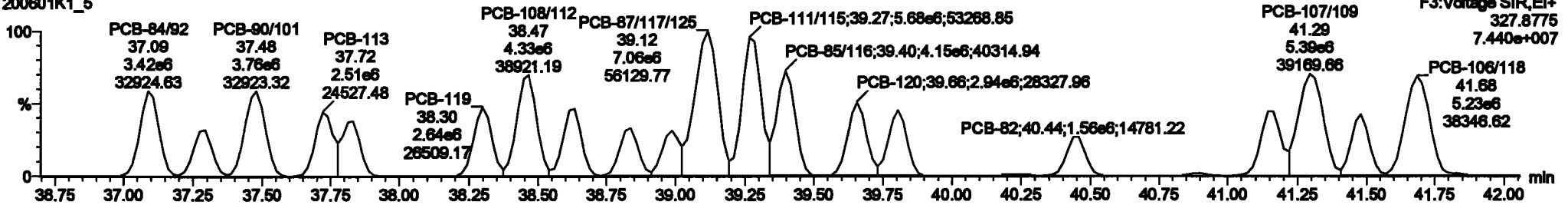
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PCB-119

200601K1_5

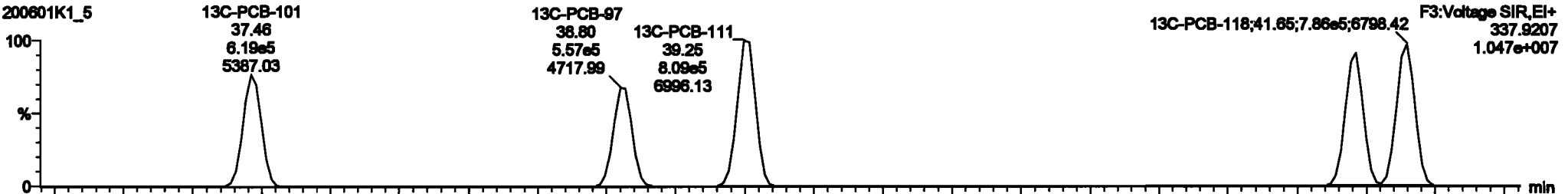


200601K1_5

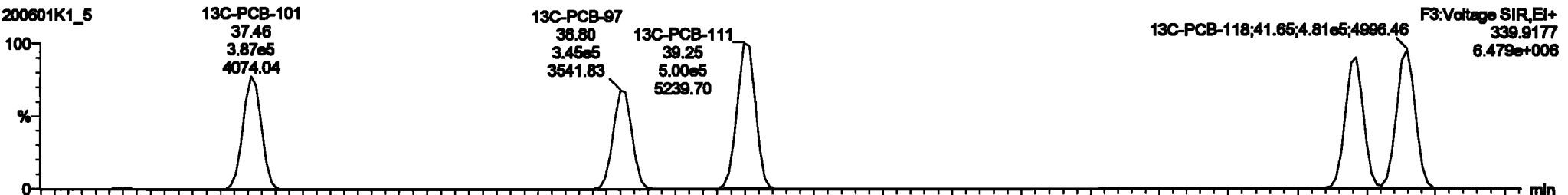


13C-PCB-111

200601K1_5



200601K1_5

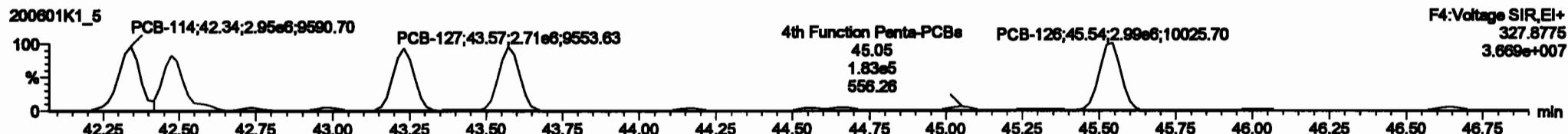
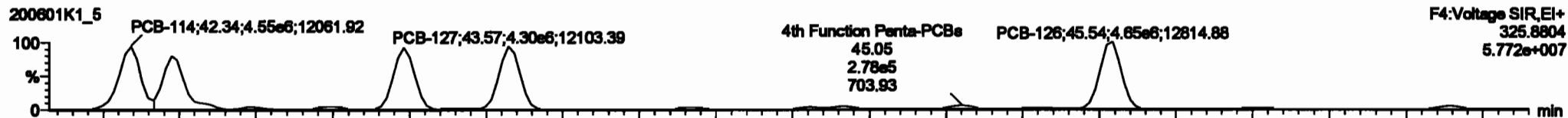


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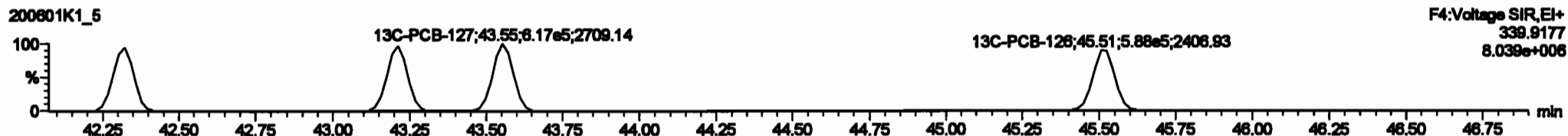
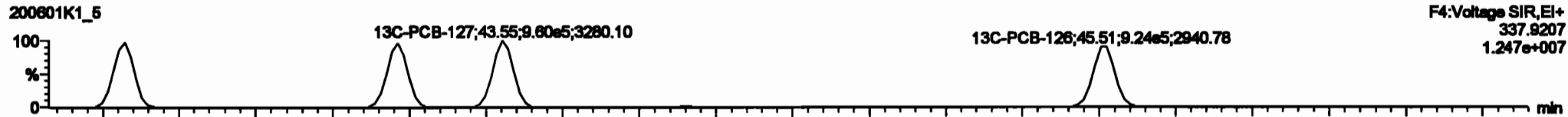
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

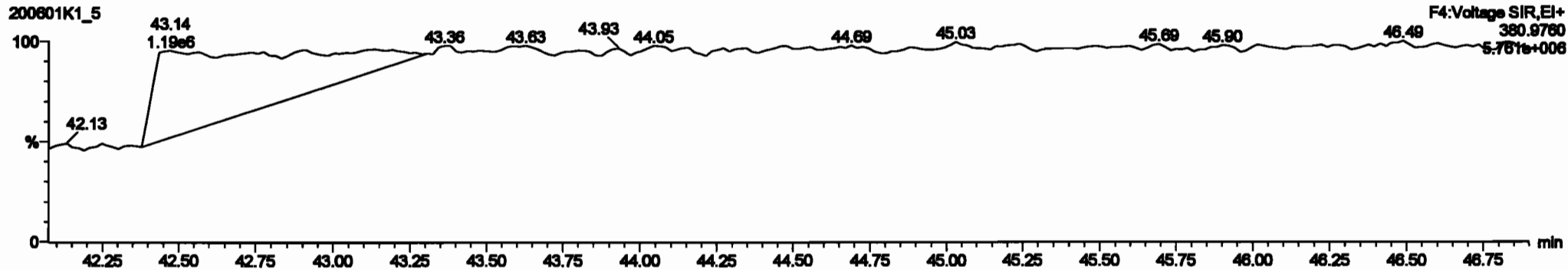
PCB-114



13C-PCB-114

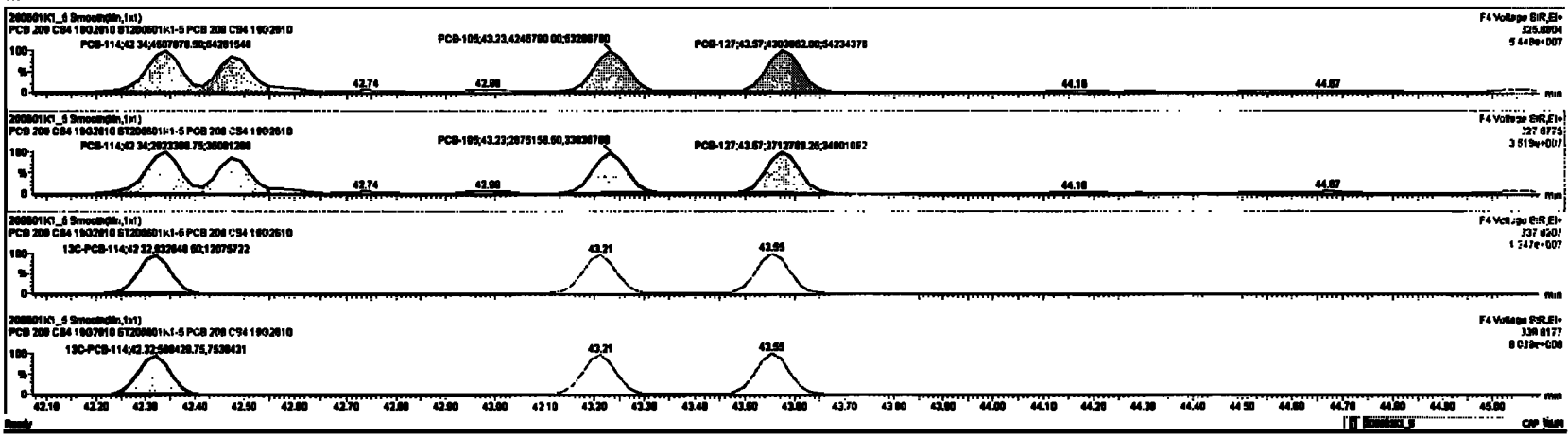


PFK4a



#	Comp	Range	RA	Q1	Q3	Min	Max	Width	Height	Area	Cent	Skew	SL	SRPC
220	13C-PCB-70	1.00e5	0.70	NO	1.00e5	1.00e5	37.70	37.70	0.000	0.000	NO	07.03	07.03	0.0071
220	13C-PCB-170	7.00e5	0.84	NO	1.00e6	1.00e6	46.07	46.08	0.000	0.000	NO	07.10	07.2	0.112
220	Total Mono-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	1.00		0.0001
220	Total DL-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	01.20		0.000
220	Total Purified 94-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	3407		0.110
220	Total Purified 94-PCBs				0.00e0	1.00e6	0.00	0.00	0.000	0.000	NO	0774		0.002
220	Total Mono-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	1700		1.77
220	Total Purified Mono-PCBs				1.31e7	1.00e6	0.00	0.00	0.000	0.000	NO	1740		0.004
220	Total DL-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	302		0.000
220	Total Purified Mono-PCBs				0.00e0	1.00e6	0.00	0.00	0.000	0.000	NO	0074		0.000
220	Total Purified Mono-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	1214		2.07
220	Total Mono-PCBs				1.00e5	1.00e6	0.00	0.00	0.000	0.000	NO	1000		4.04

#	Comp	Range	RA	Q1	Q3	Min	Max	Width	Height	Area	Cent	Skew	SL	SRPC
1	90-PCB-114	42.34	42.34	4.00e+0	2.00e+0	1.000	1.04	NO	420.12	420.12				
2	90-PCB-122	42.00	42.07	3.00e+0	2.00e+0	1.000	1.05	NO	010.27	010.27				
3	90-PCB-105	43.20	43.23	4.00e+0	2.00e+0	1.000	1.08	NO	030.00	030.00				
4	90-PCB-127	43.07	43.07	4.00e+0	2.00e+0	1.000	1.08	NO	030.10	030.10				
5	90-PCB-128	43.07	43.04	4.00e+0	2.00e+0	1.000	1.08	NO	030.00	030.00				



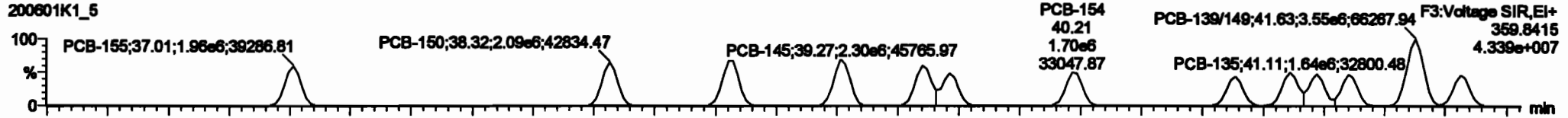
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

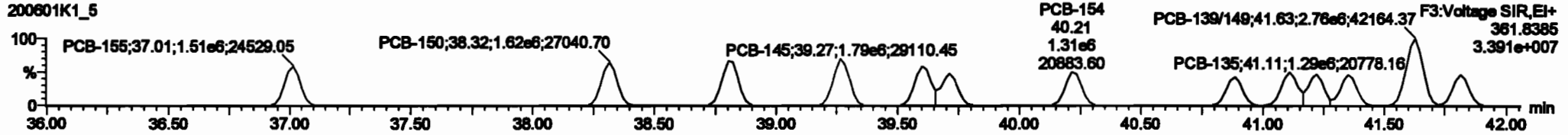
Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-155

200601K1_5

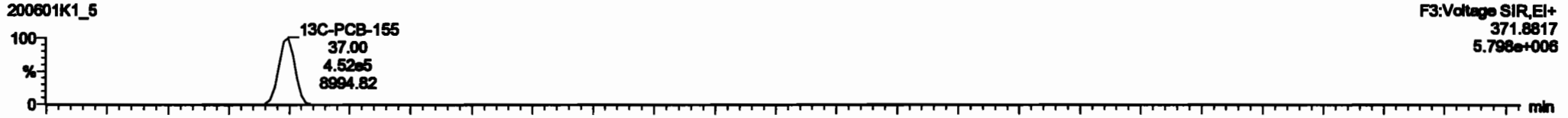


200601K1_5

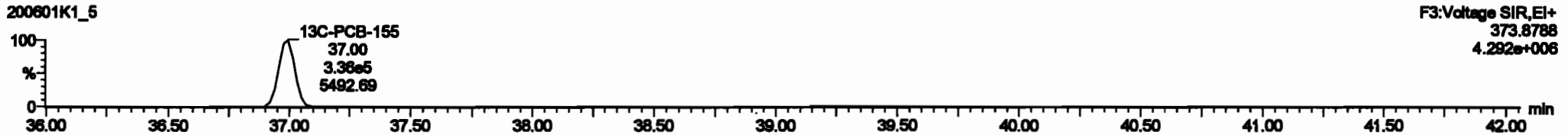


13C-PCB-155

200601K1_5

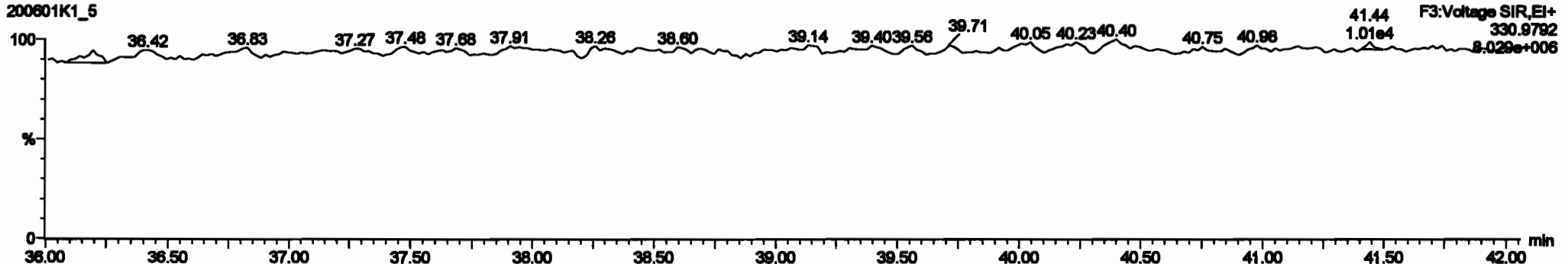


200601K1_5



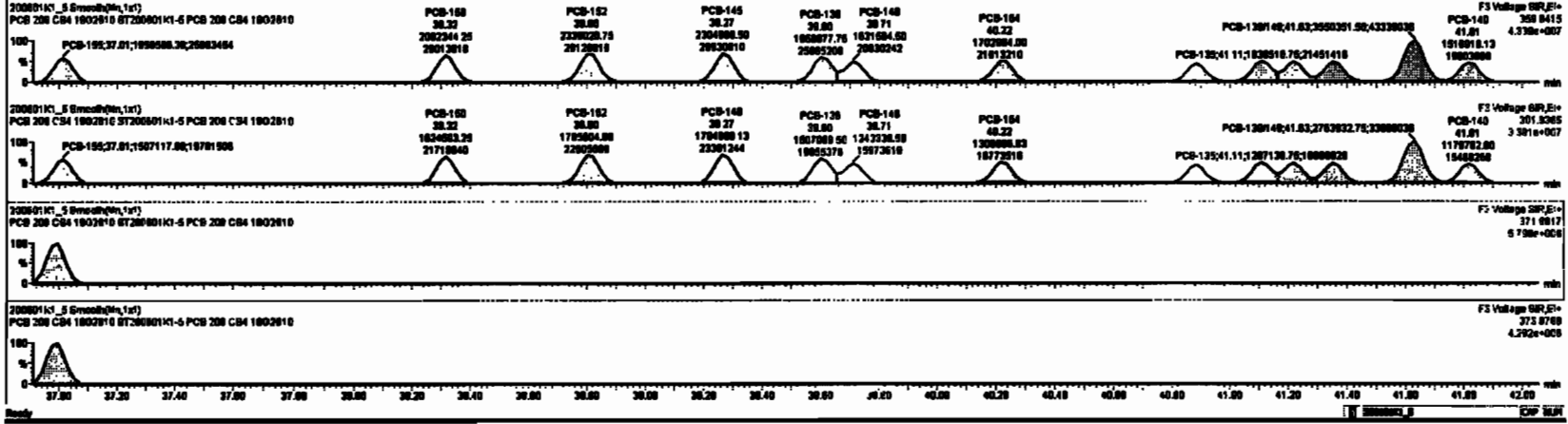
PFK3c

200601K1_5



ID	Step	Step	Est	Qty	Unit	Material	Quantity	Est	Prod.R.	Unit	Est	Prod.P	Class	Usage	Est	Prod.C
222	12C-PCB-178	1.8000	0.70	NO	1.0000	1.000	37.78	37.78	0.000	0.000	NO	07.43	07.4	0.0000		
223	12C-PCB-178	7.8000	0.64	NO	1.0000	1.000	48.07	48.08	0.020	0.020	NO	07.18	07.2	0.1110		
224	Total Items-PCBs				1.1000	1.000	0.00	0.000			NO	1200		0.0201	1200	
225	Total 0-PCBs				1.0000	1.000	0.00	0.000			NO	0130		0.2400	0130	
226	2nd Function 0-PCBs				1.0000	1.000	0.00	0.000			NO	3407		0.1100	3407	
227	2nd Function 0-PCBs				0.0000	1.000	0.00	0.000			NO	0774		0.0000	0774	
228	Total Tube-PCBs				1.0776	1.000	0.00	0.000			NO	17000		1.37	17000	
229	2nd Function Parts-PCBs				1.2107	1.000	0.00	0.000			NO	17000		0.004	17000	
230	4th Function Parts-PCBs				1.0735	1.000	0.00	0.000			NO	2120		0.200	2120	
231	Total Parts-PCBs				1.0000	1.000	0.00	0.000			NO	0000		0.0000	0000	
232	4th Function Items-PCBs				1.0000	1.000	0.00	0.000			NO	12140		2.07	12140	
233	Total Items-PCBs				1.2000	1.000	0.00	0.000			NO	0000		4.00	0000	

ID	Step	Step	Est	Qty	Unit	Material	Quantity	Est	Prod.R.	Unit	Est	Prod.P	Class	Usage	Est	Prod.C
80	PCB-100	37.00	37.01	1.0000	1.0000	1.000	1.200	1.20	NO	021.45	021.45					
90	PCB-100	38.30	38.30	2.0000	1.0000	1.200	1.20	1.20	NO	038.01	038.01					
100	PCB-100	38.00	38.00	2.2000	1.7000	1.200	1.20	1.20	NO	041.00	041.00					
110	PCB-140	38.20	38.27	1.0000	1.200	1.20	1.20	1.20	NO	038.00	038.00					
120	PCB-130	38.00	38.00	1.0000	1.200	1.20	1.20	1.20	NO	038.00	038.00					
130	PCB-140	38.27	38.27	1.0000	1.2000	1.20	1.20	1.20	NO	038.70	038.70					
140	PCB-100	40.20	40.20	1.2000	1.2000	1.20	1.20	1.20	NO	018.00	018.00					
150	PCB-100	40.00	40.00	1.0000	1.2000	1.20	1.20	1.20	NO	018.30	018.30					
160	PCB-130	41.10	41.11	1.0000	1.2000	1.20	1.20	1.20	NO	000.00	000.00					

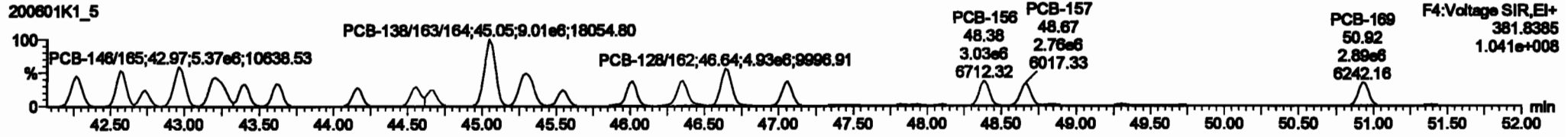
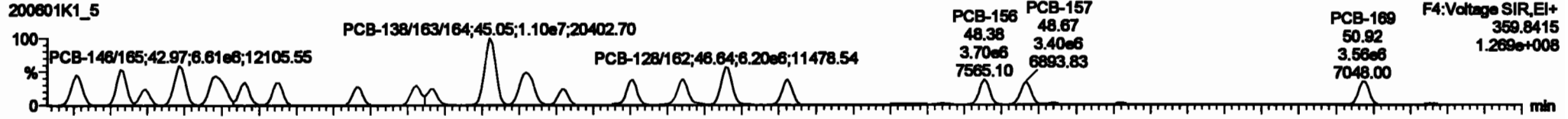


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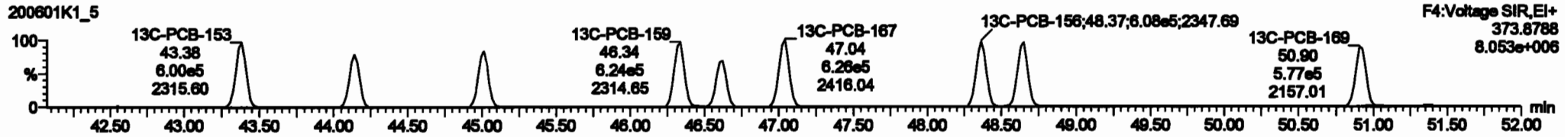
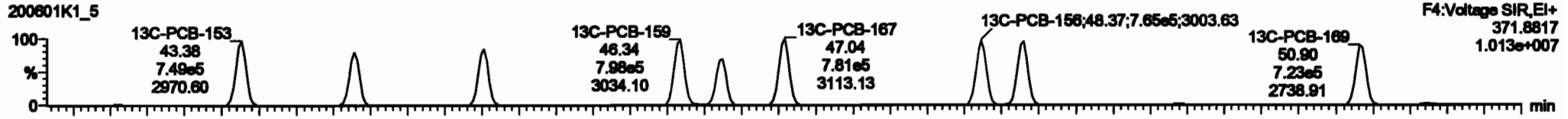
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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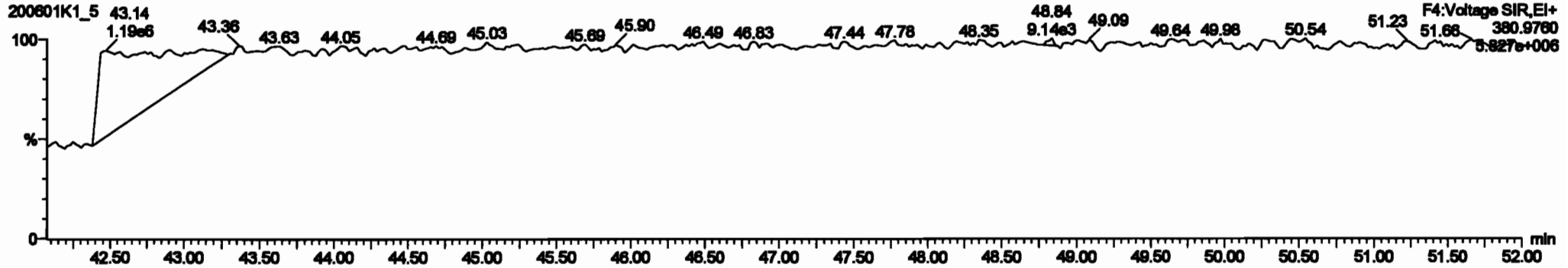
PCB-134/143



13C-PCB-153



PFK4b



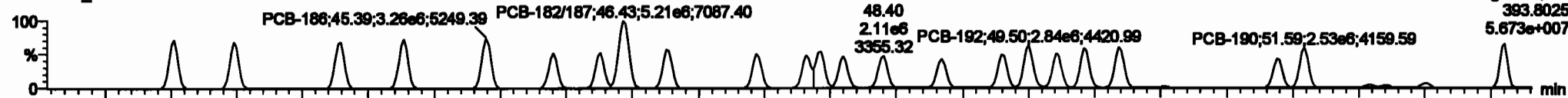
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

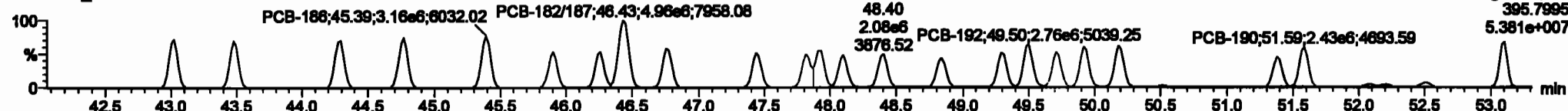
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PCB-188

200601K1_5

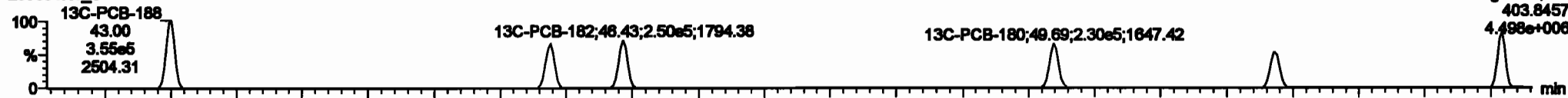


200601K1_5

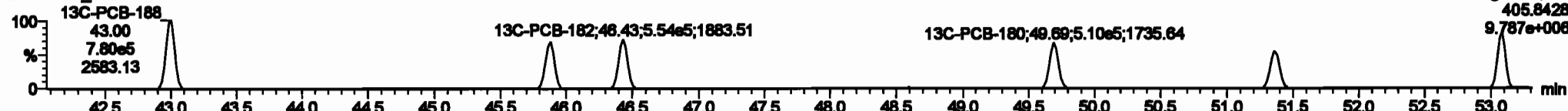


13C-PCB-188

200601K1_5

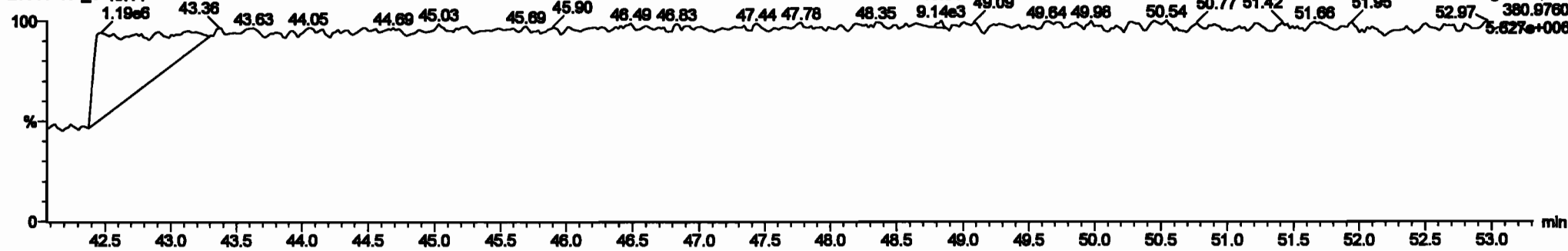


200601K1_5



PFK4c

200601K1_5



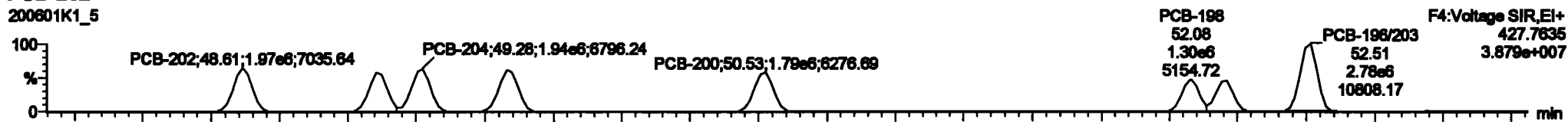
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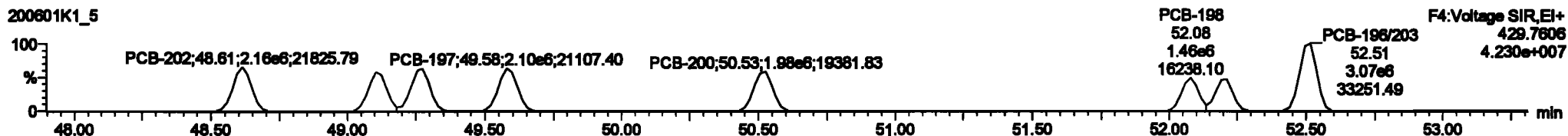
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PCB-202

200601K1_5

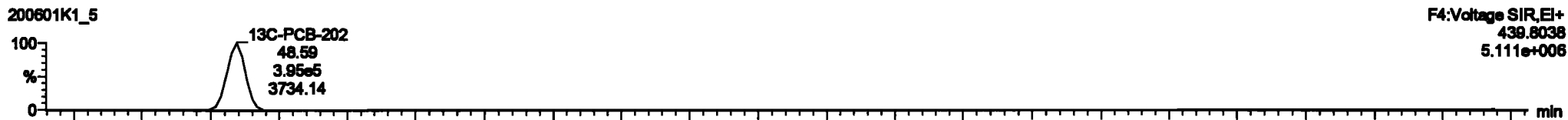


200601K1_5

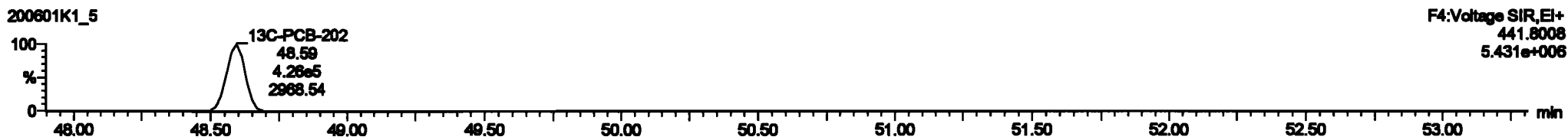


13C-PCB-202

200601K1_5

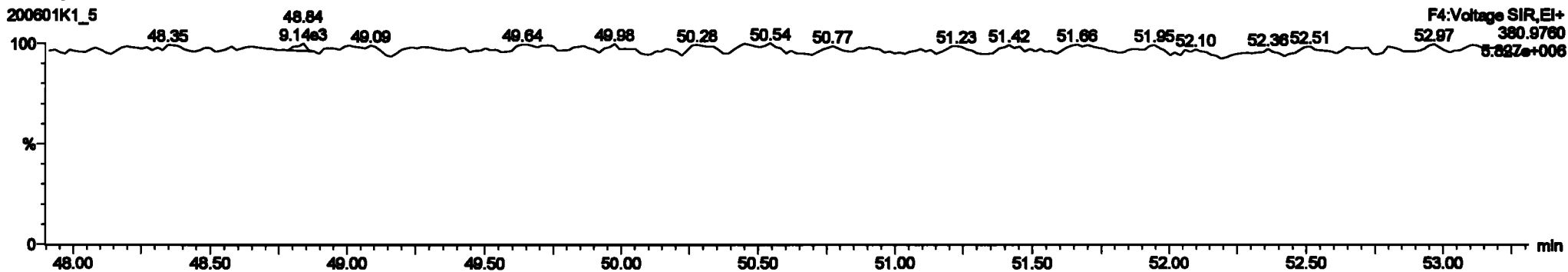


200601K1_5



PFK4d

200601K1_5



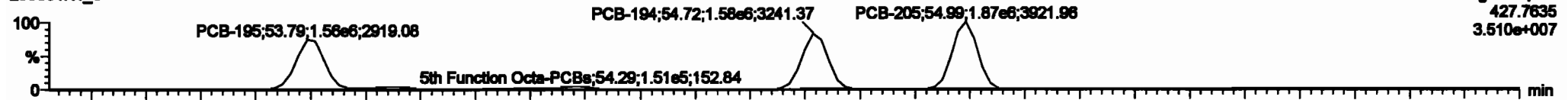
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

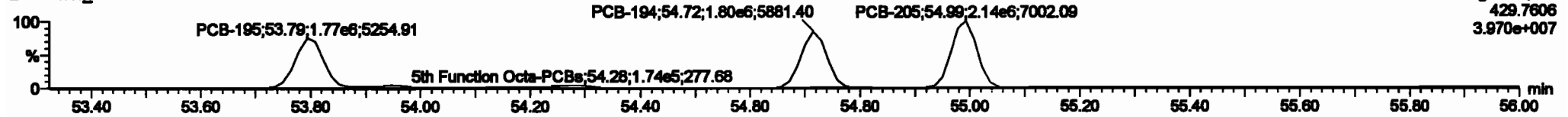
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PCB-195

200601K1_5

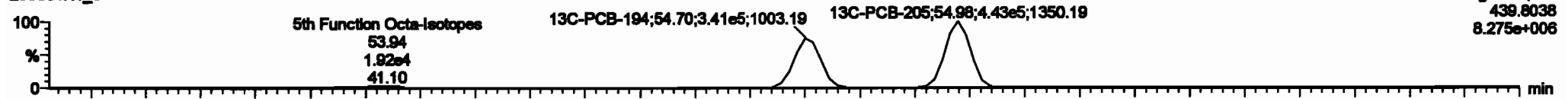


200601K1_5

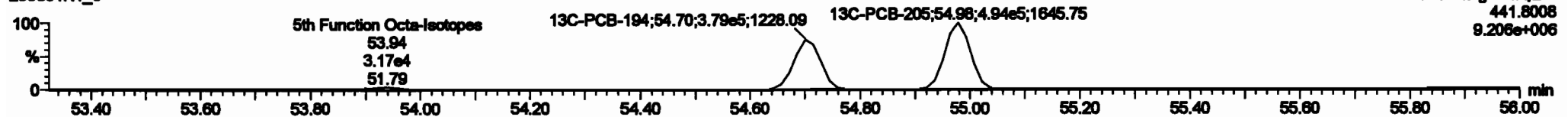


13C-PCB-194

200601K1_5

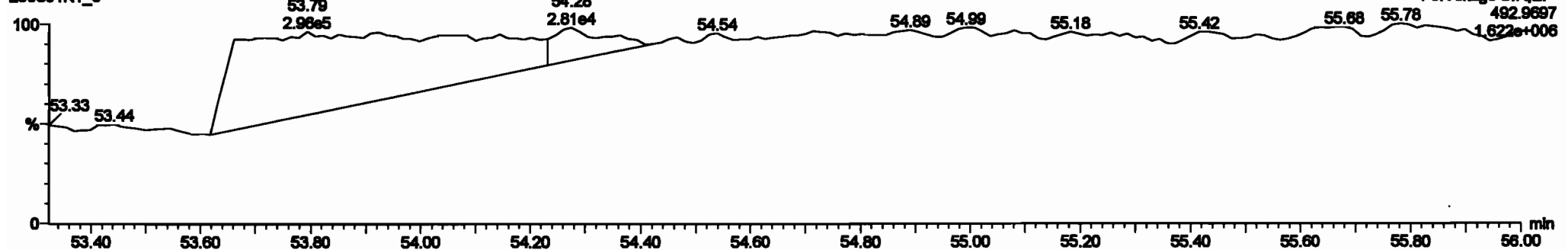


200601K1_5



PFK5a

200601K1_5



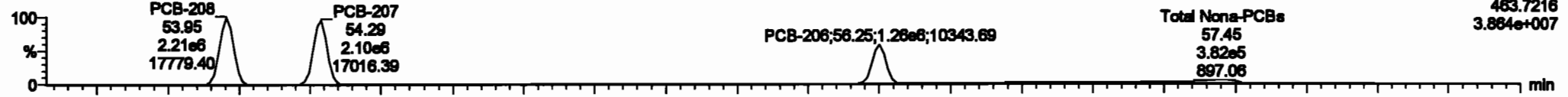
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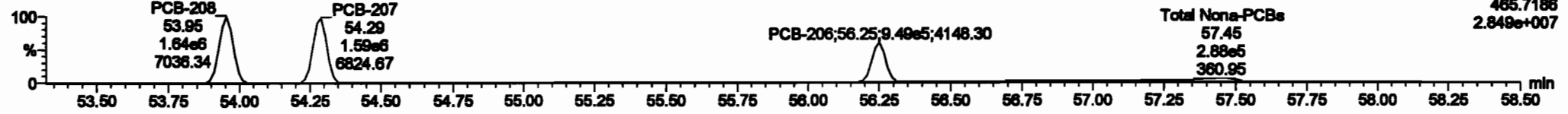
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PCB-208

200601K1_5

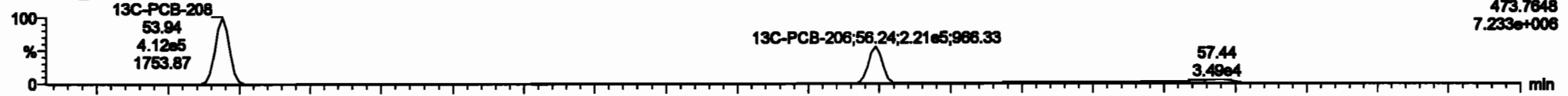


200601K1_5

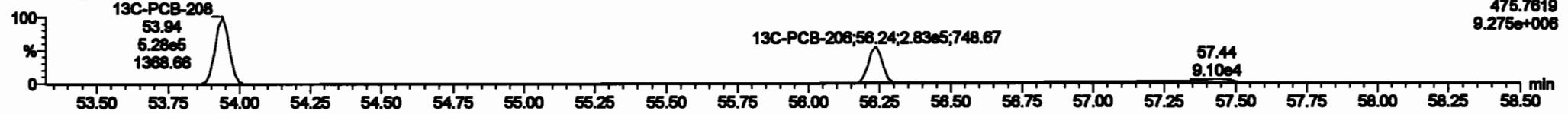


13C-PCB-208

200601K1_5

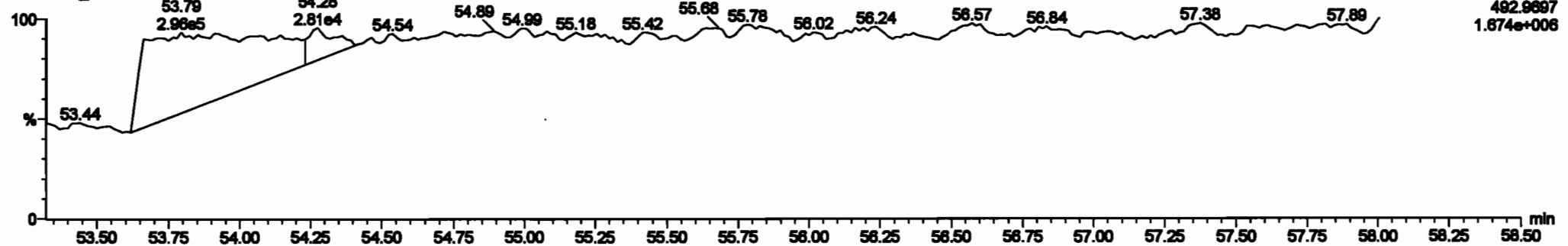


200601K1_5



PFK5

200601K1_5



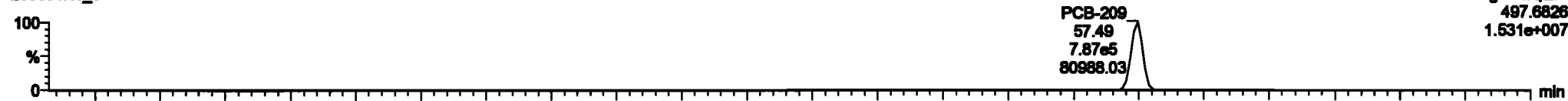
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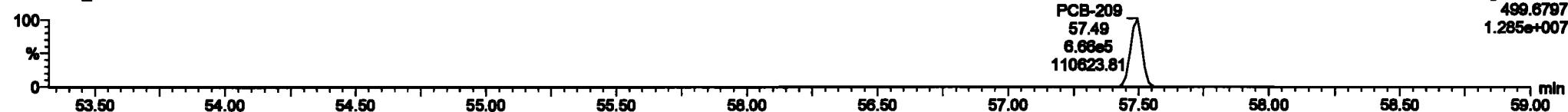
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PCB-209

200601K1_5

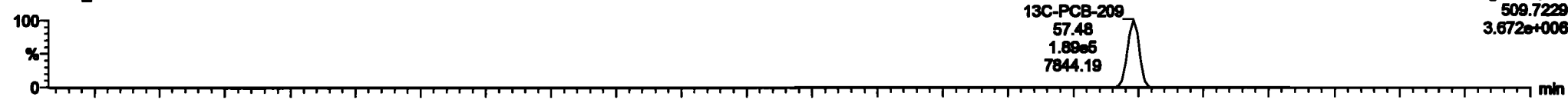


200601K1_5

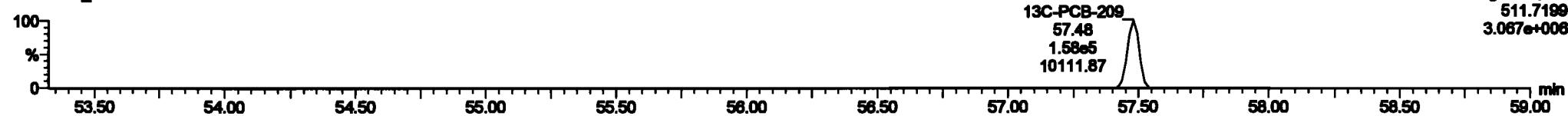


13C-PCB-209

200601K1_5

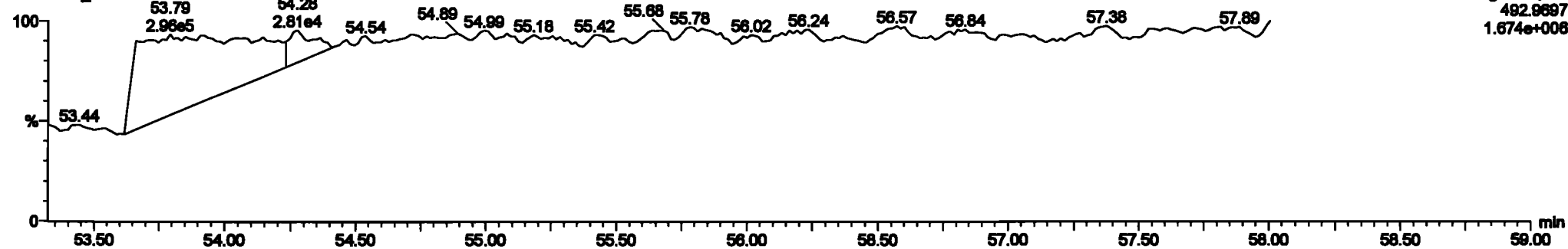


200601K1_5



PFK5b

200601K1_5

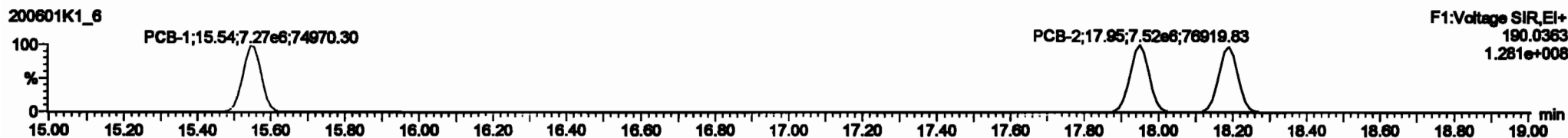


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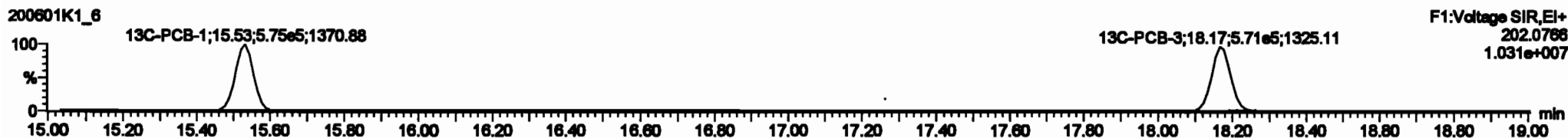
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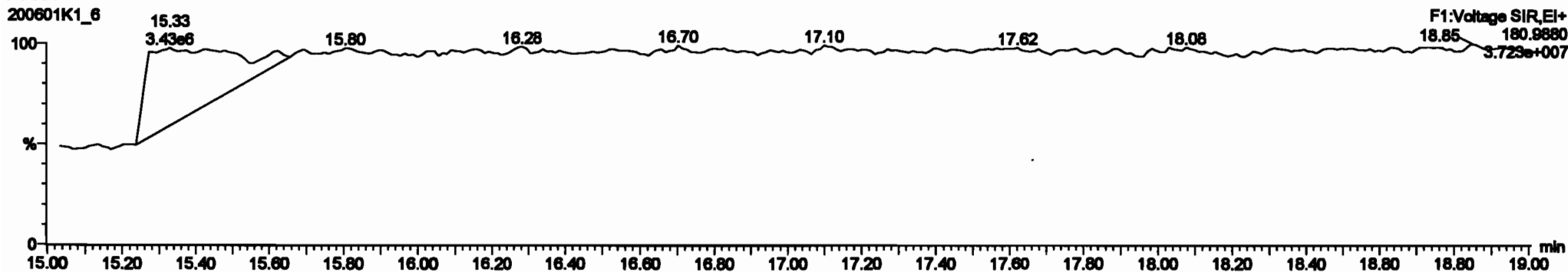
PCB-1



13C-PCB-1



PFK1

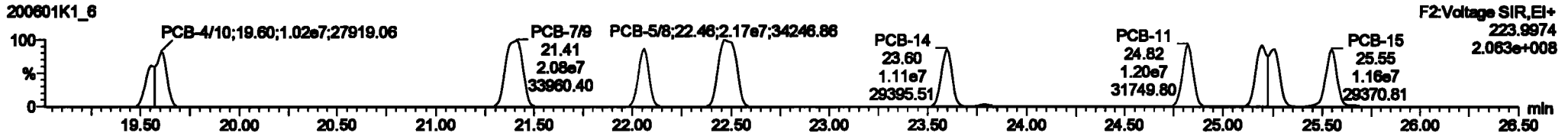
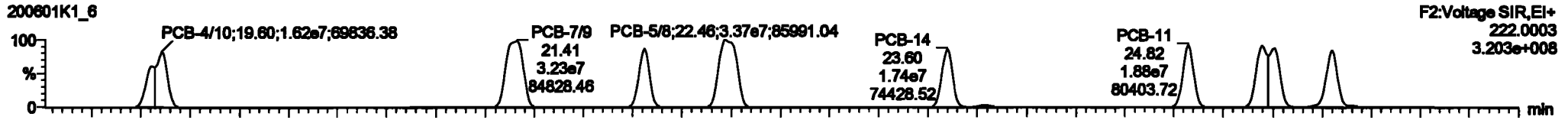


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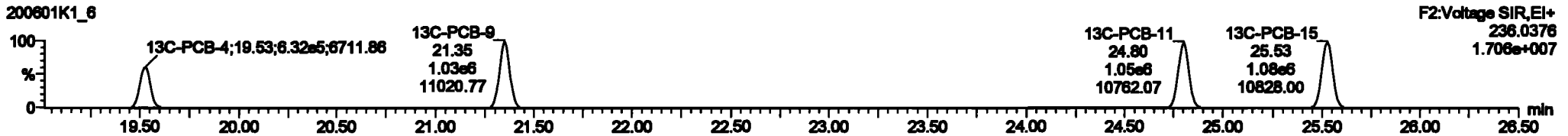
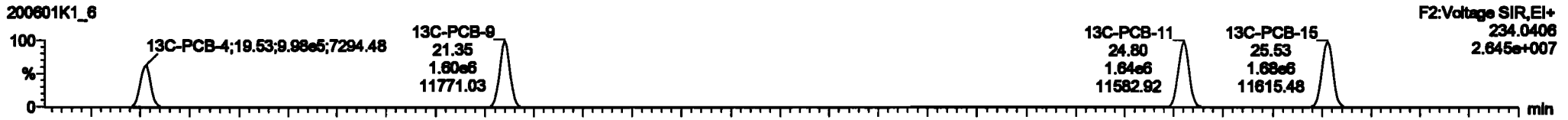
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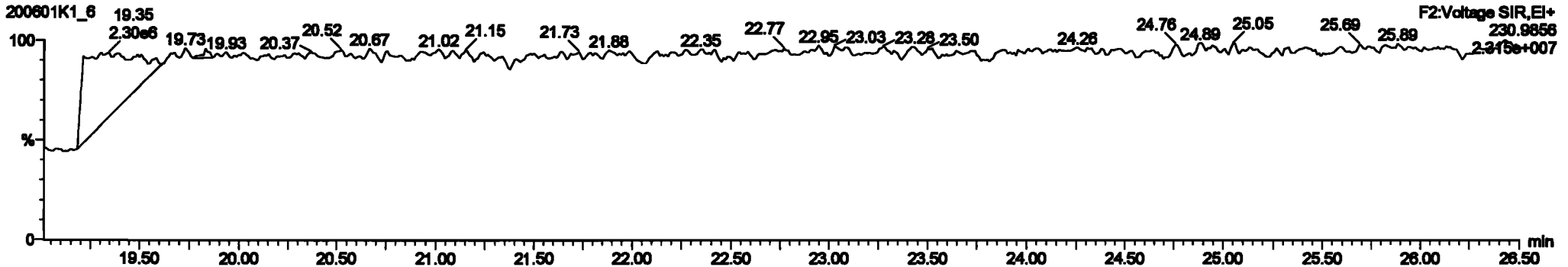
PCB-4/10



13C-PCB-4

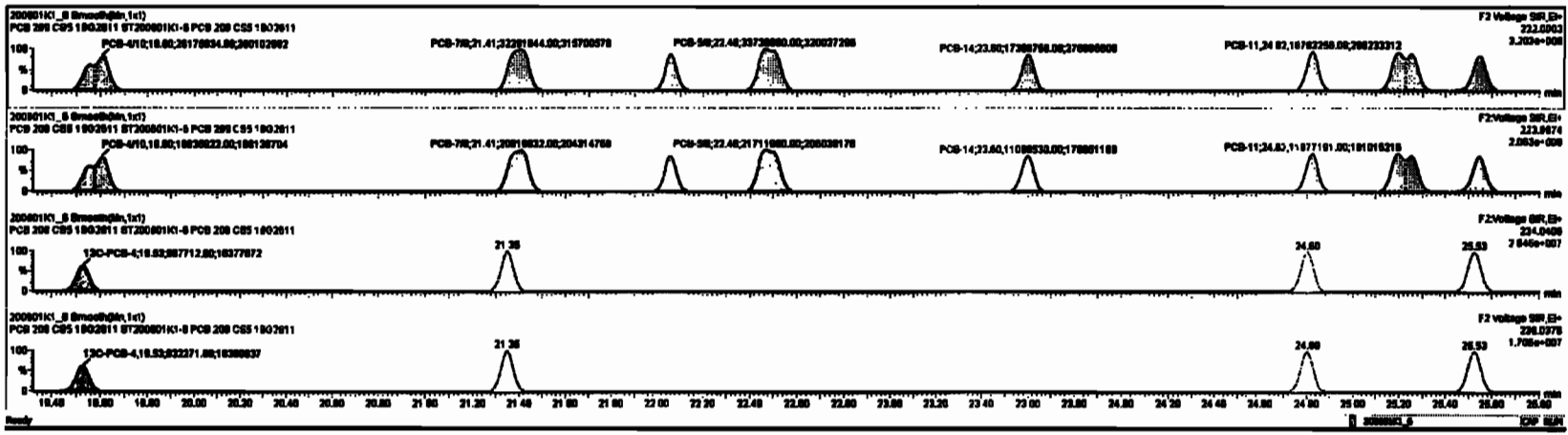


PFK2a



#	Plate	Comp	SN	Qty	Rev	Volts	Pres	IR	Pres	Rev	IR	Pres	Rev	Comp	SN	BA	QPC
228	12C-PCB-205	1.05e6	0.92	NO	1.0000	1.000	84.86	84.86	1.000	0.000	NO	100.0	100				0.120
229	12C-PCB-79	2.05e6	0.79	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	107.0	105				0.000
230	12C-PCB-478	7.70e6	0.48	NO	1.0000	1.000	48.00	48.00	0.000	0.000	NO	88.00	88.1				0.100
231	12C-PCB-78	3.05e6	0.78	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	88.00	88.0				0.000
232	12C-PCB-478	7.70e6	0.48	NO	1.0000	1.000	48.00	48.00	0.000	0.000	NO	84.00	84.4				0.000
234	Total Items-PCBs				1.0000	1.000	0.00	0.000			NO	3000					0.000
235	2nd Purcellon TM-PCBs				1.0000	1.000	0.00	0.000			NO	6204					0.120
237	2nd Purcellon TM-PCBs				0.0000	1.000	0.00	0.000			NO	18910					0.000
238	Total Value-PCBs				1.0000	1.000	0.00	0.000			NO	43000					2.30
239	2nd Purcellon Purbs-PCBs				1.0000	1.000	0.00	0.000			NO	43000					3.00
240	Total Purcellon Purbs-PCBs				1.0000	1.000	0.00	0.000			NO	6000					0.000

#	Plate	Pres	IR	Volts	Pres	Rev	IR	Pres	Rev	Comp	SN	BA	QPC
0	PCB-488	18.81	18.80	2.810e7	1.880e7	1.880	1.88	NO	2114.3	2114.3			
8	PCB-788	21.41	21.41	3.280e7	3.280e7	1.880	1.88	NO	2108.4	2108.4			
8	PCB-8	22.08	22.08	1.710e7	1.710e7	1.880	1.88	NO	1048.8	1048.8			
8	PCB-58	22.48	22.48	3.370e7	3.370e7	1.880	1.88	NO	2128.0	2128.0			
8	PCB-44	23.81	23.80	1.320e7	1.320e7	1.880	1.87	NO	1881.1	1881.1			
8	PCB-11	24.80	24.80	1.880e7	1.880e7	1.880	1.87	NO	1818.7	1818.7			
8	PCB-1588	25.38	25.38	3.280e7	3.280e7	1.880	1.88	NO	2088.8	2088.8			
8	PCB-18	25.87	25.86	1.770e7	1.770e7	1.880	1.88	NO	1048.8	1048.8			

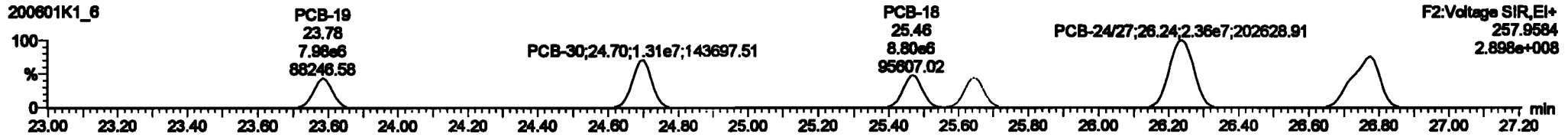


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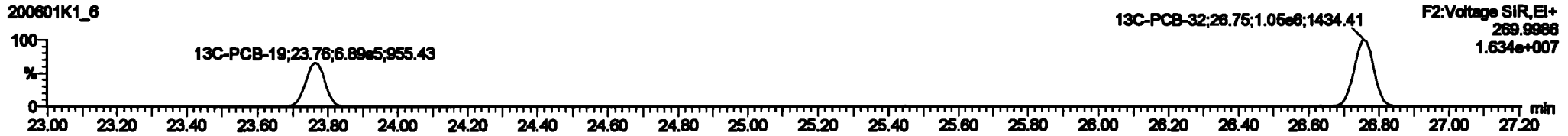
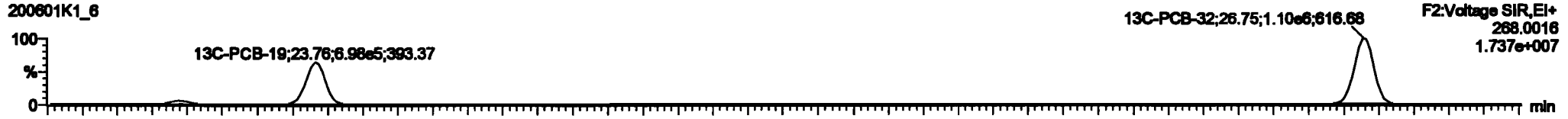
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

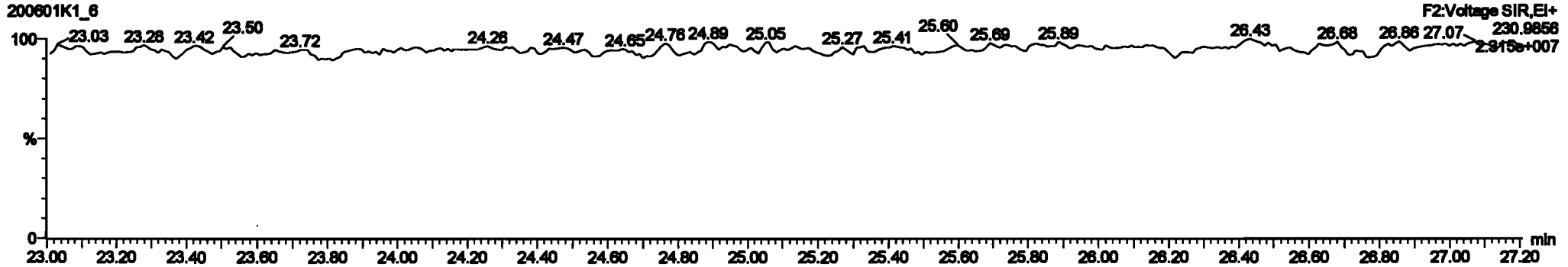
PCB-19



13C-PCB-19



PFK2b

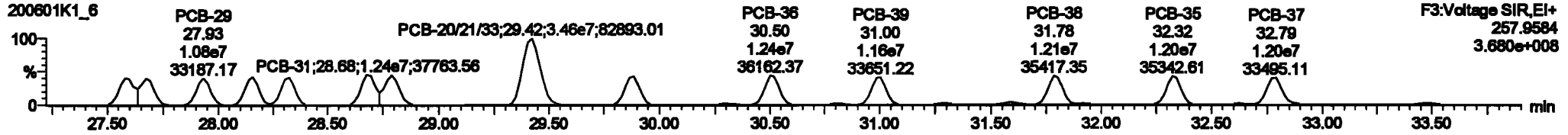
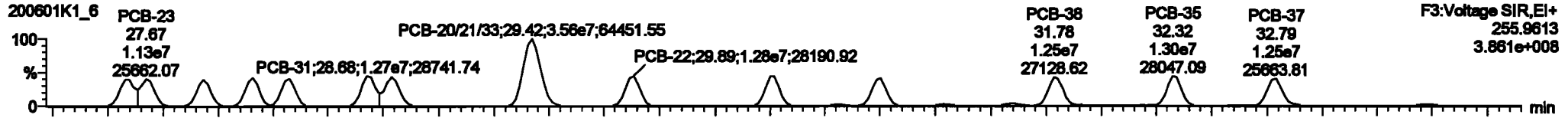


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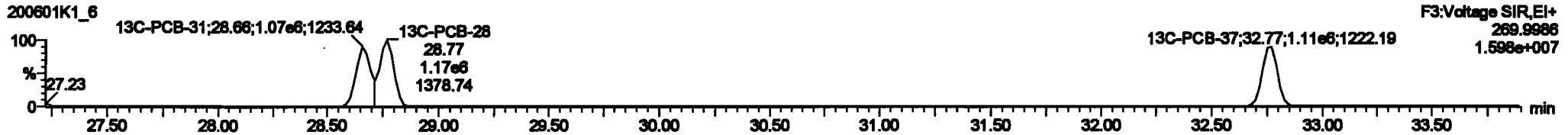
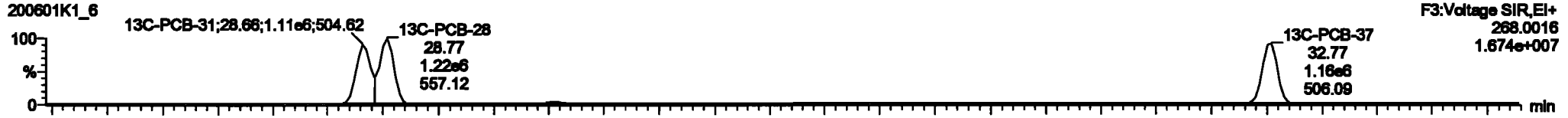
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

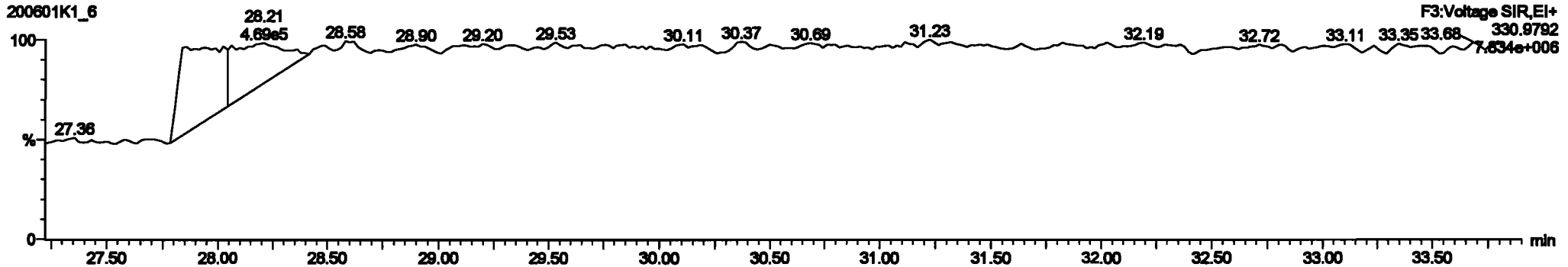
PCB-34



13C-PCB-28

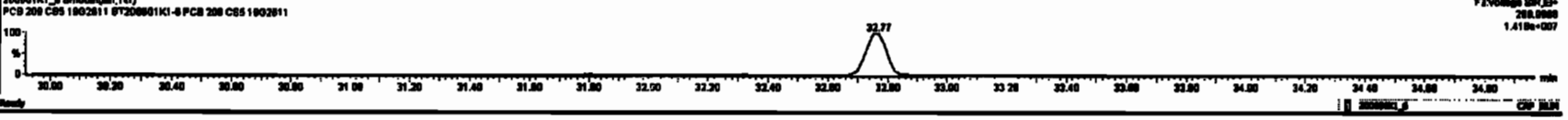
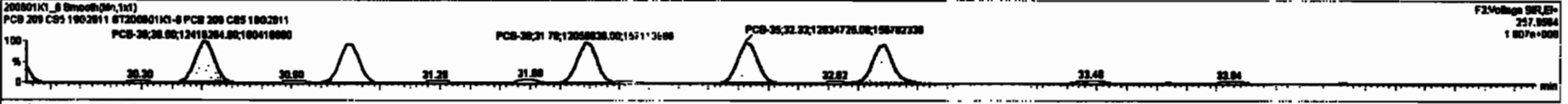
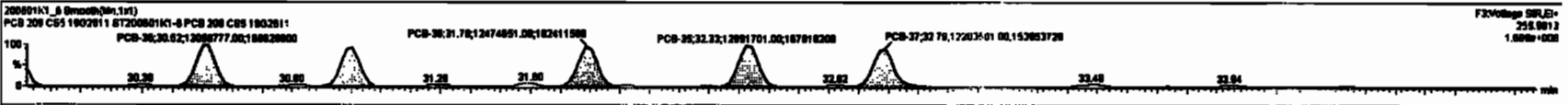


PFK3d



#	Name	Range	RA	RF	RFI	RFI/RF	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI
210	13C-PCB-205	1.01e6	0.82	MD	1.0000	1.000	54.80	54.80	1.000	0.800	MD	100.0	100	0.132
220	13C-PCB-206	2.00e6	0.79	MD	1.0000	1.000	37.80	37.70	1.000	1.800	MD	101.0	101	0.0000
230	201 13C-PCB-170	7.70e6	0.45	MD	0.7000	1.000	45.80	45.80	0.800	0.800	MD	98.07	98.1	0.103
240	220 13C-PCB-20	2.00e6	0.79	MD	1.0001	1.000	37.70	37.70	0.800	0.800	MD	99.01	99.0	0.0040
250	220 13C-PCB-170	7.70e6	0.45	MD	1.0000	1.000	45.87	45.80	0.800	0.800	MD	94.43	94.4	0.0094
260	204 Total Mono-PCBs				1.1888	1.000			0.000		MD	3183		0.0457
270	204 Total Di-PCBs				1.0037	1.000			0.000		MD	12800		0.380
280	204 Total Tri-PCBs				1.0007	1.000			0.000		MD	8204		0.128
290	204 Total Tetra-PCBs				0.0000	1.000			0.000		MD	0		0.0000
300	204 Total Mono-PCBs				1.0779	1.000			0.000		MD	43620		2.32
310	204 Total Di-PCBs				1.3167	1.000			0.000		MD	62000		3.05
320	204 Total Tri-PCBs				1.0704	1.000			0.000		MD	6704		0.140
330	204 Total Tetra-PCBs										MD			

#	Name	Range	RA	RF	RFI	RFI/RF	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI	RFI/RFI
1	16 PCB-34	27.80	27.80	1.182e7	1.182e7	1.000	1.00	MD	1021.1	1021.1				
2	18 PCB-25	27.87	27.87	1.120e7	1.120e7	1.000	1.07	MD	1030.7	1030.7				
3	20 PCB-38	27.80	27.80	1.104e7	1.104e7	1.000	1.00	MD	1023.7	1023.7				
4	21 PCB-28	28.16	28.16	1.183e7	1.143e7	1.000	1.04	MD	1034.1	1034.1				
5	22 PCB-35	28.31	28.31	1.176e7	1.137e7	1.000	1.04	MD	1018.0	1018.0				
6	23 PCB-34	28.00	28.00	1.373e7	1.303e7	1.000	1.00	MD	1014.3	1014.3				
7	24 PCB-30	28.70	28.70	1.200e7	1.207e7	1.000	1.00	MD	1048.1	1048.1				
8	25 PCB-200103	28.43	28.43	3.000e7	3.000e7	1.000	1.00	MD	2144.3	2144.3				
9	26 PCB-32	28.87	28.88	1.200e7	1.200e7	1.000	1.00	MD	1071.1	1071.1				

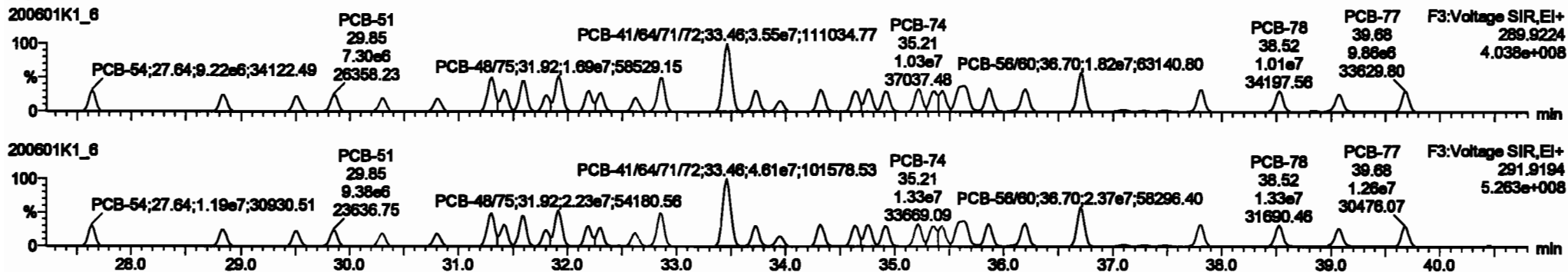


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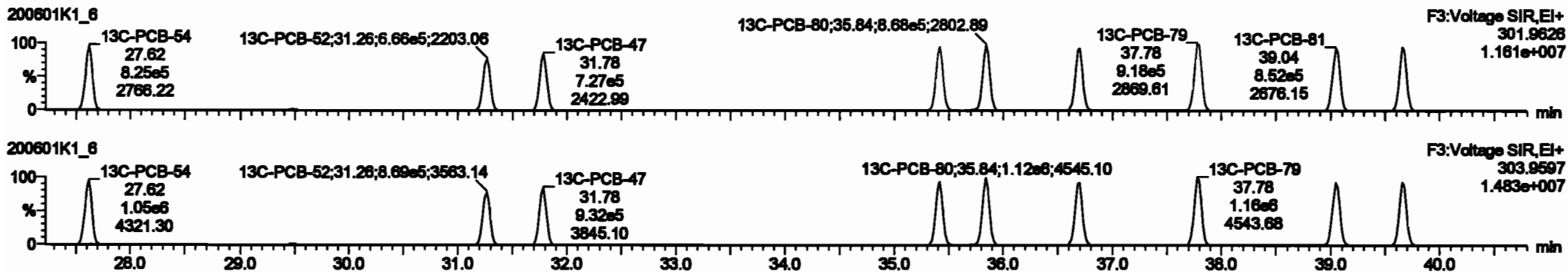
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

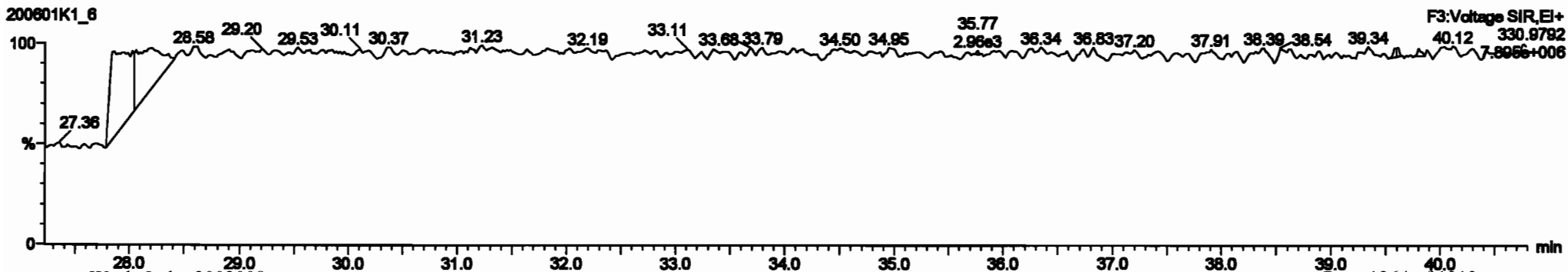
PCB-54



13C-PCB-54



PFK3a



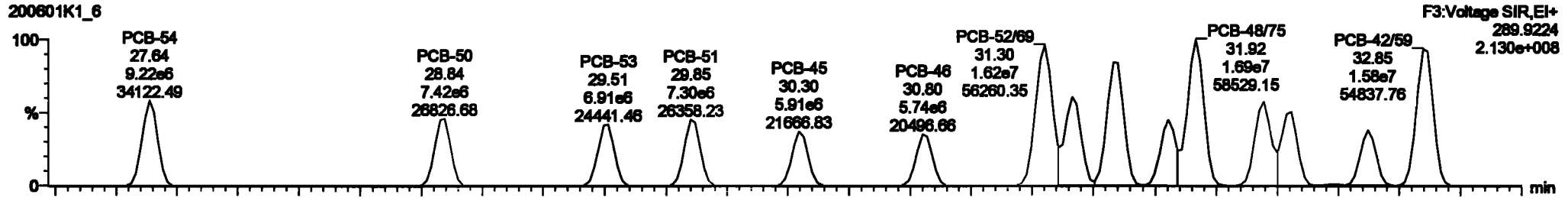
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

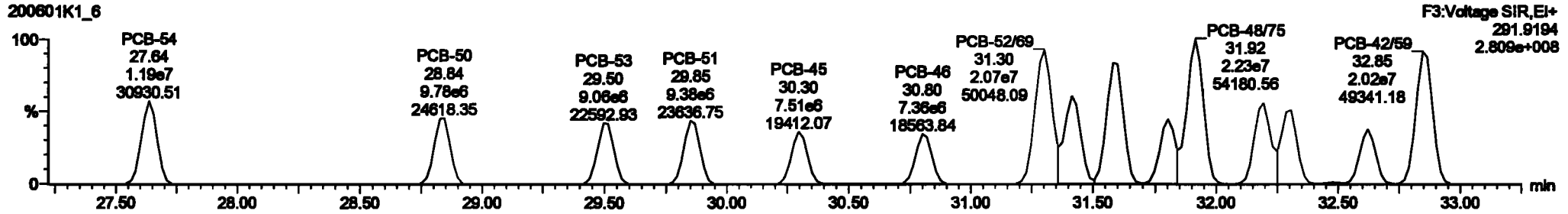
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PCB-50

200601K1_6



200601K1_6

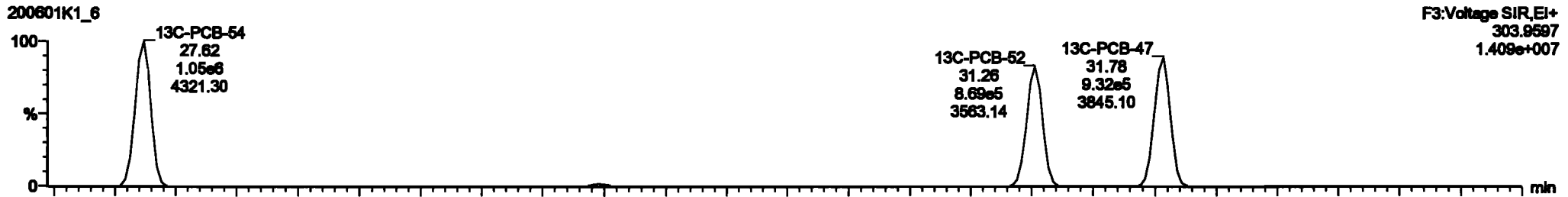


13C-PCB-52

200601K1_6



200601K1_6

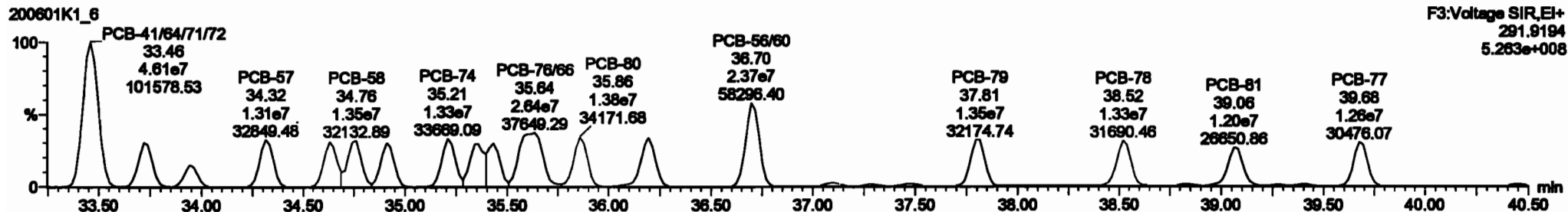
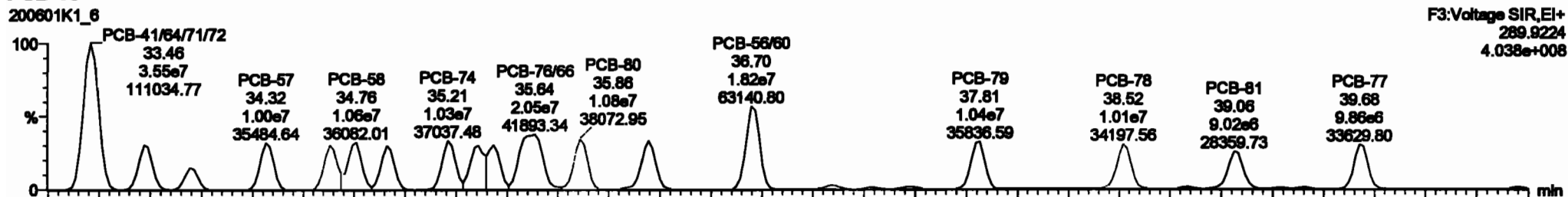


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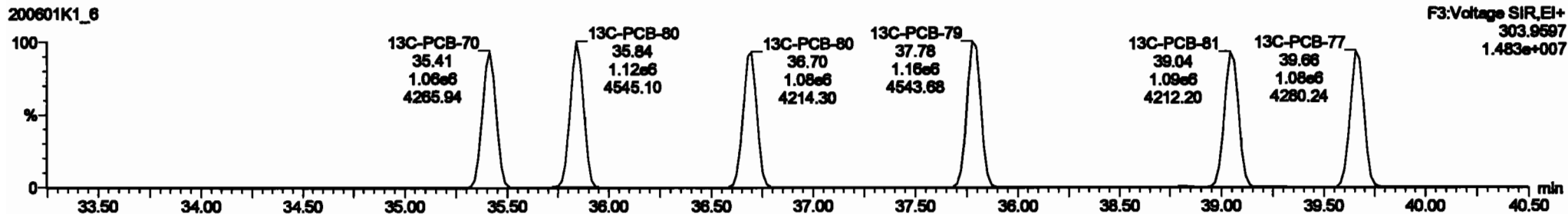
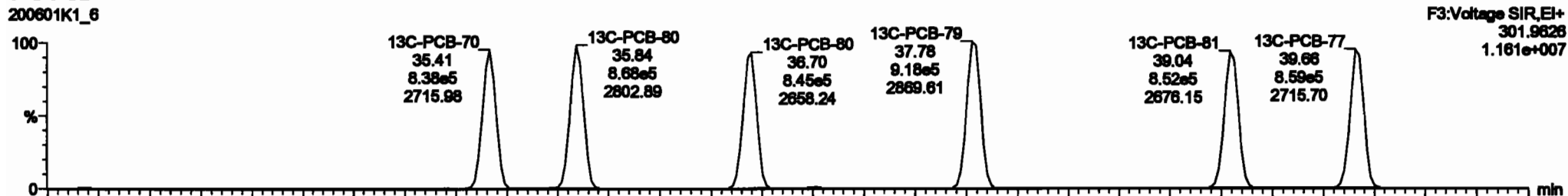
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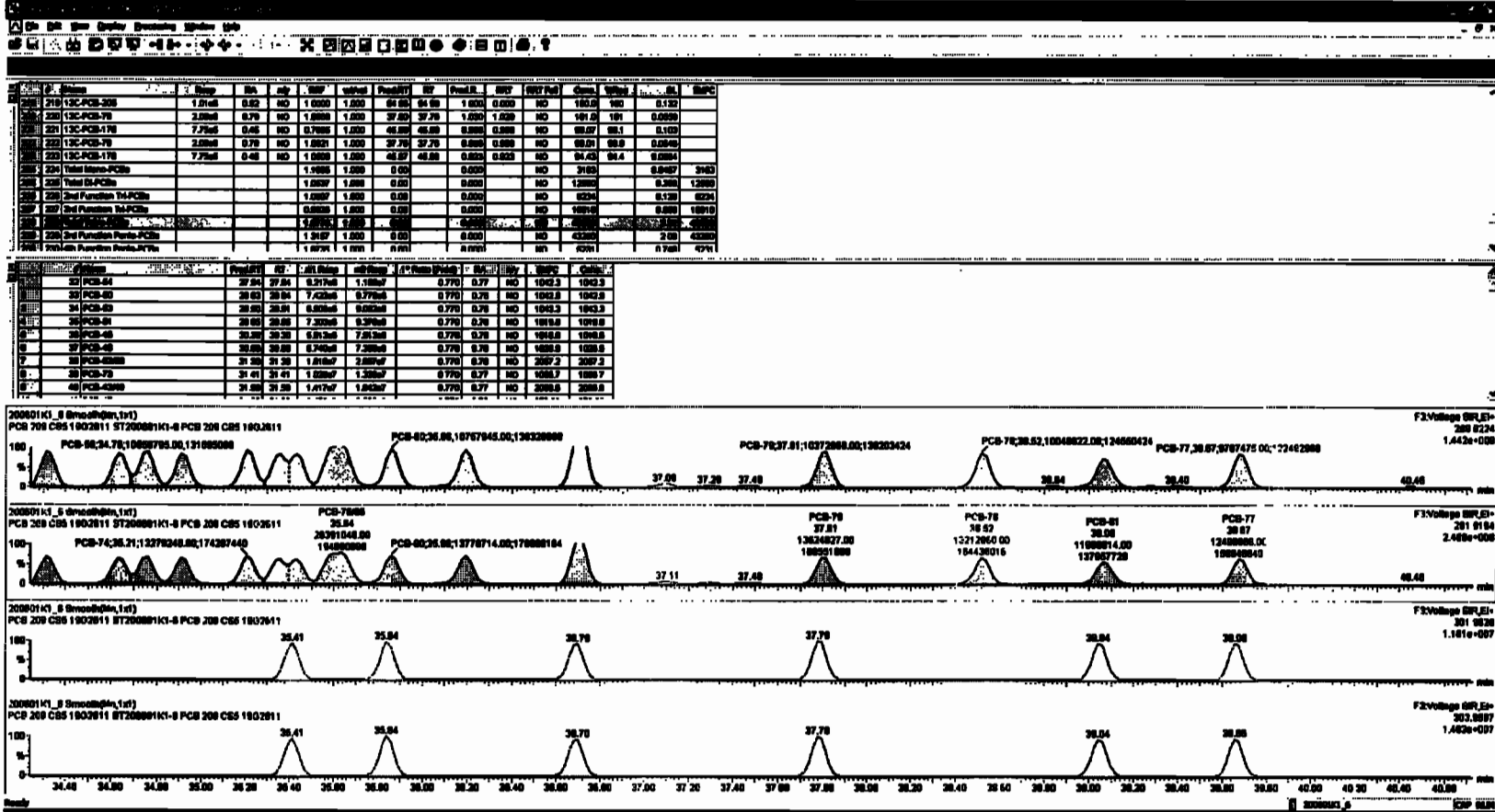
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PCB-68



13C-PCB-60



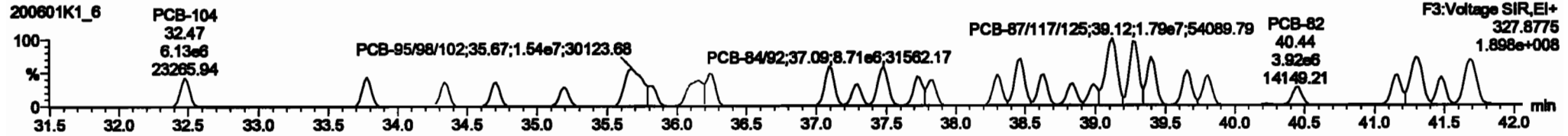
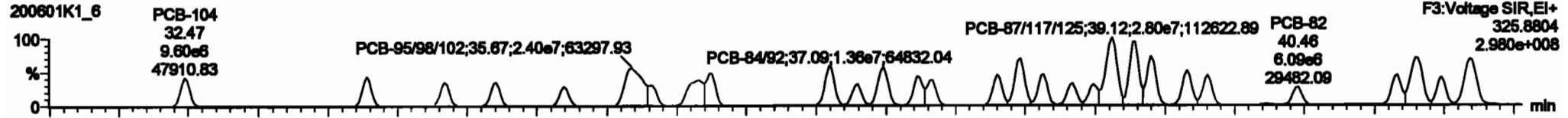


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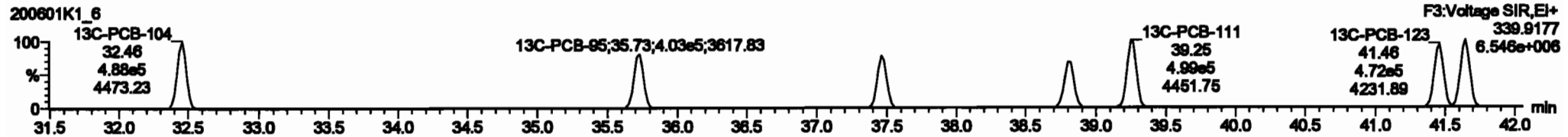
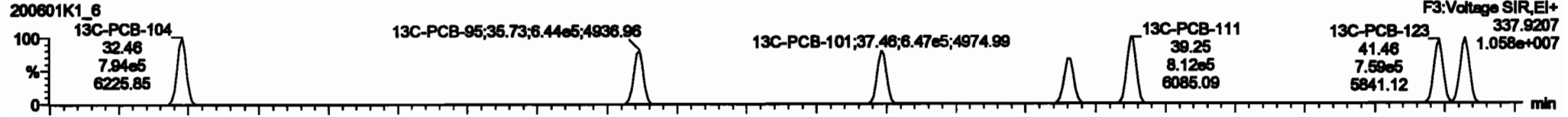
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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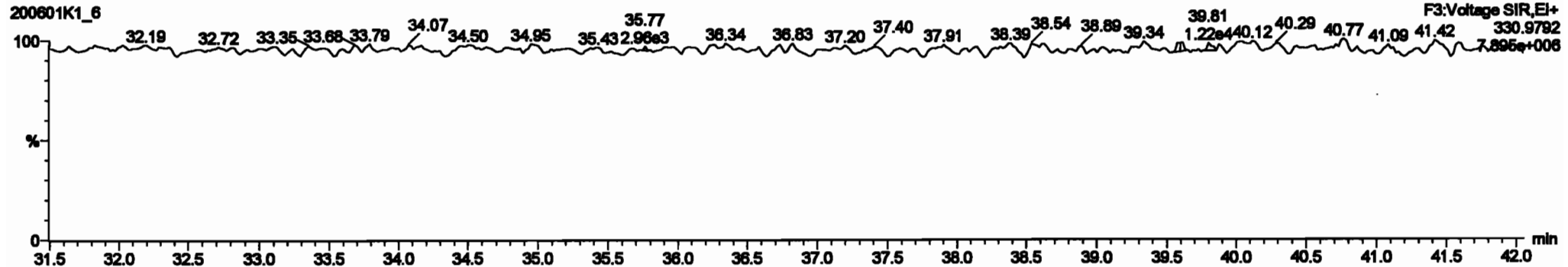
PCB-104



13C-PCB-104



PFK3b



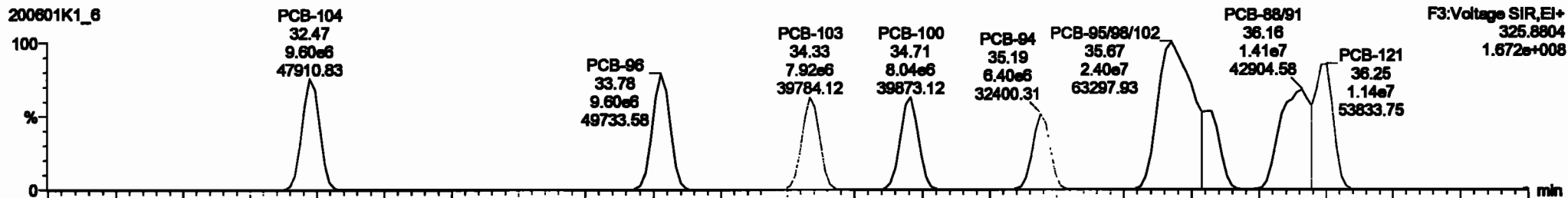
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

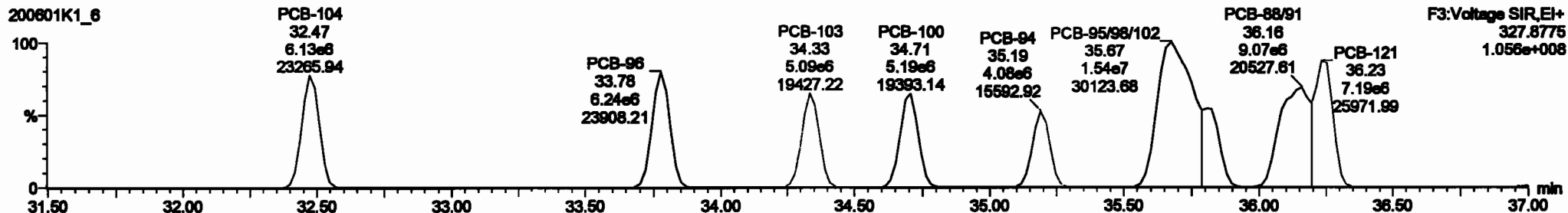
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PCB-96

200601K1_6



200601K1_6

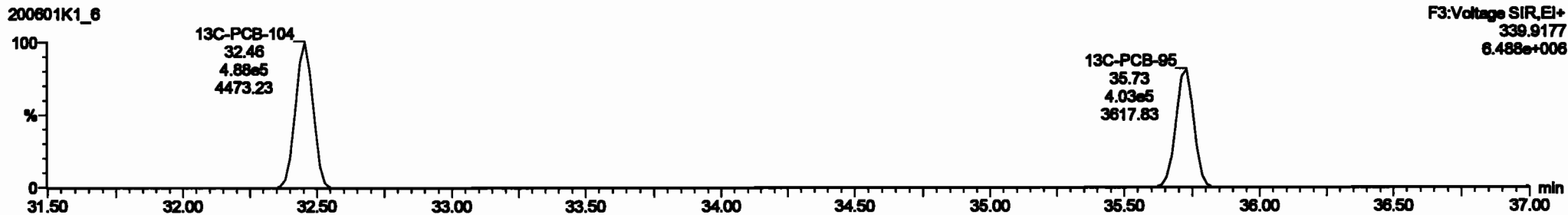


13C-PCB-95

200601K1_6



200601K1_6



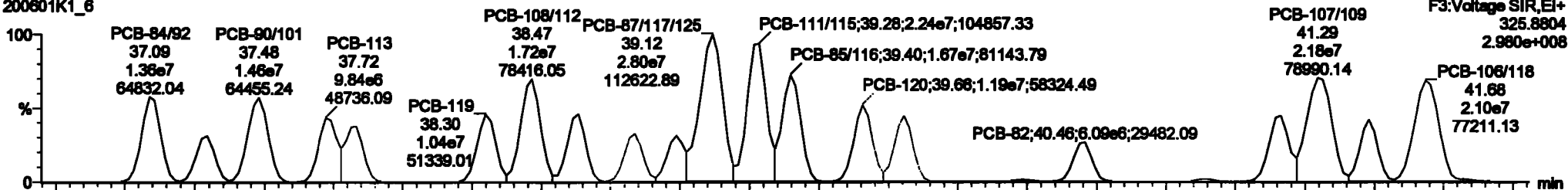
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

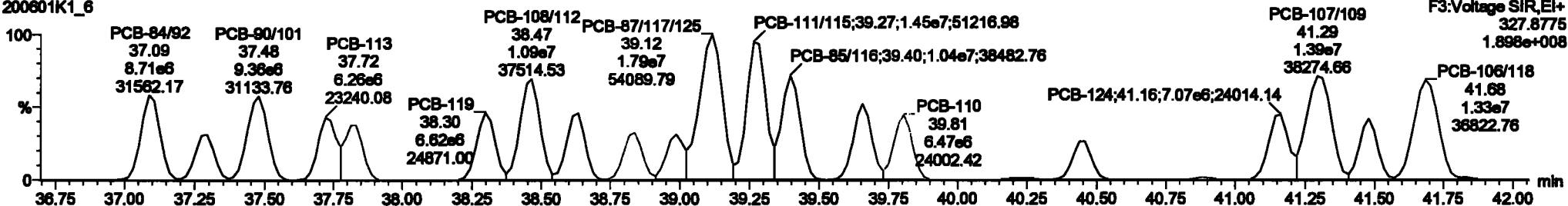
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PCB-119

200601K1_6

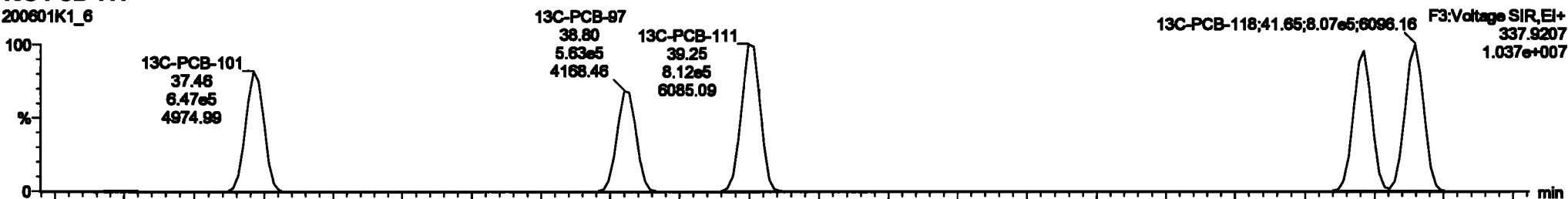


200601K1_6

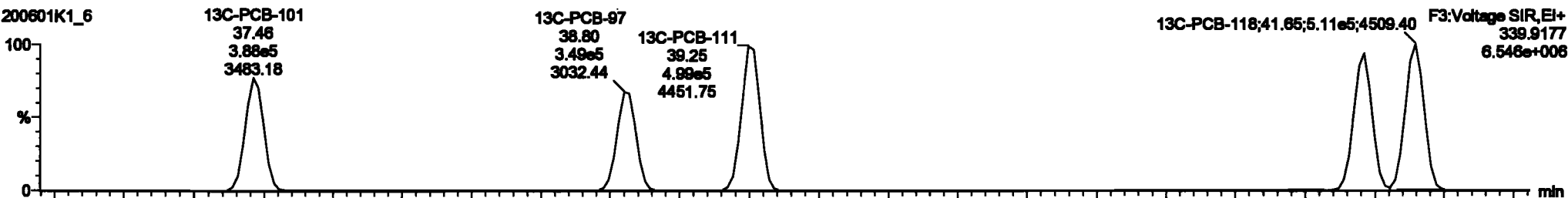


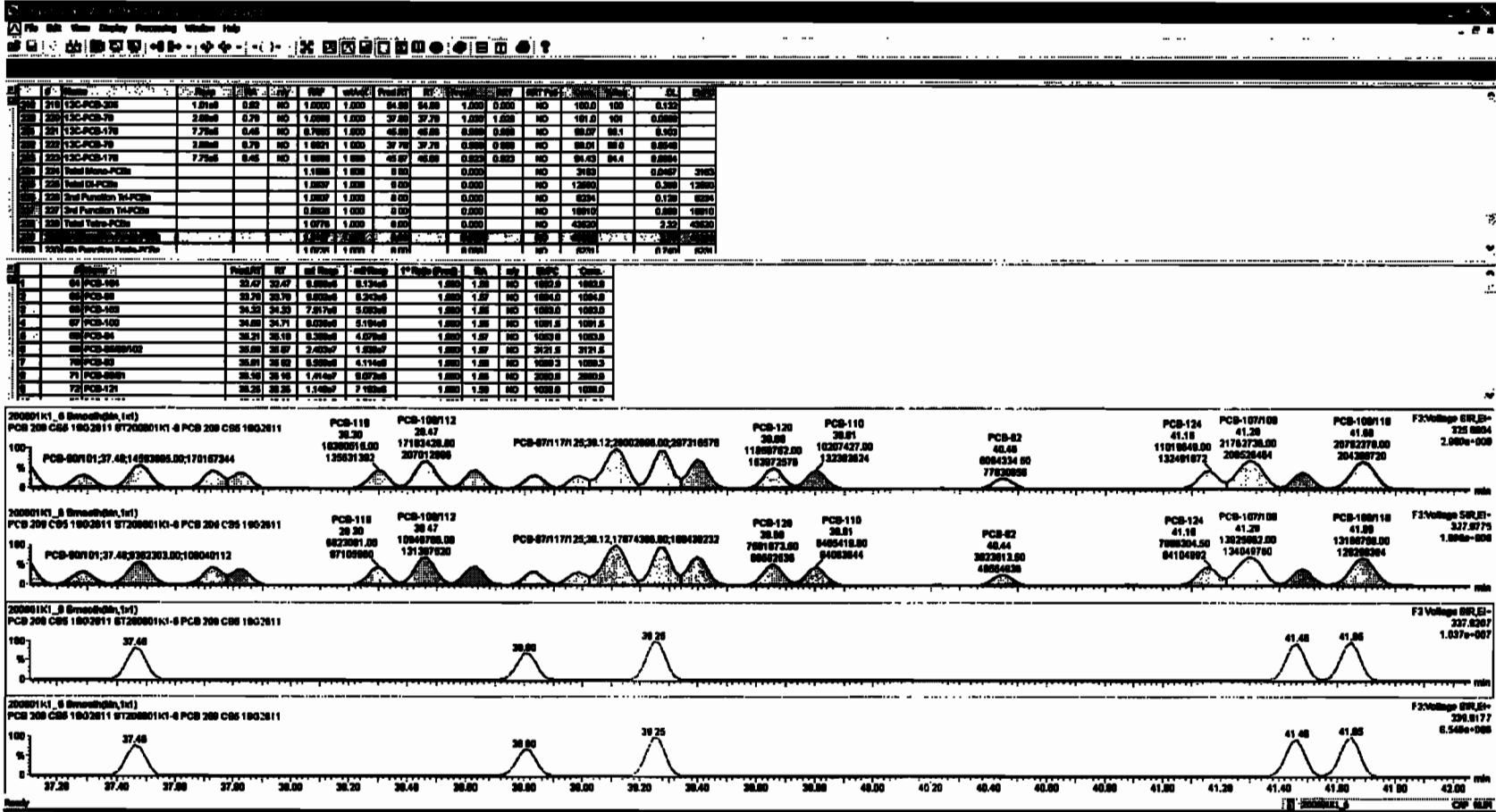
13C-PCB-111

200601K1_6



200601K1_6



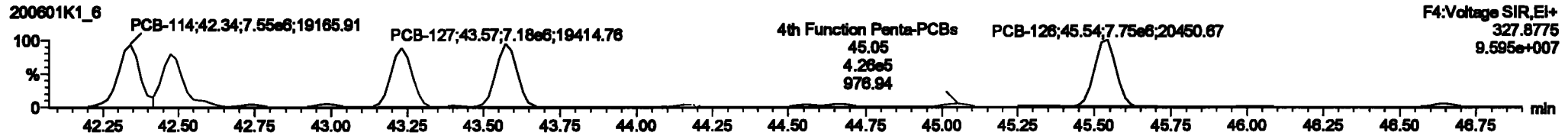
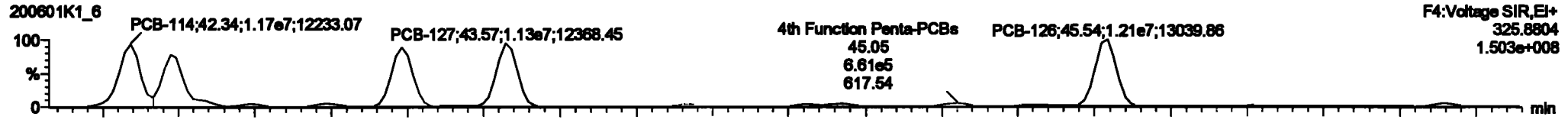


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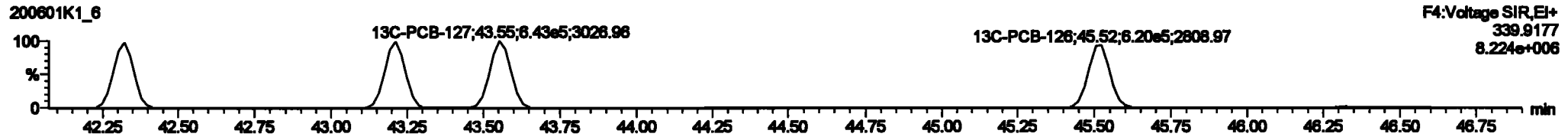
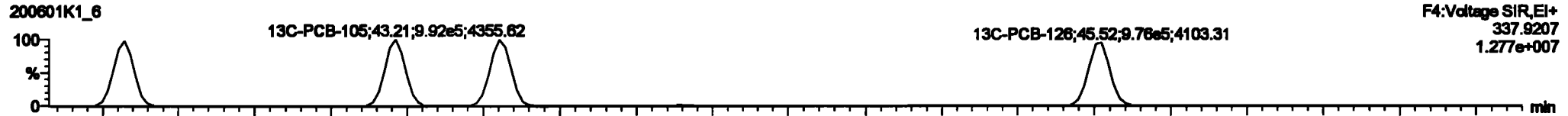
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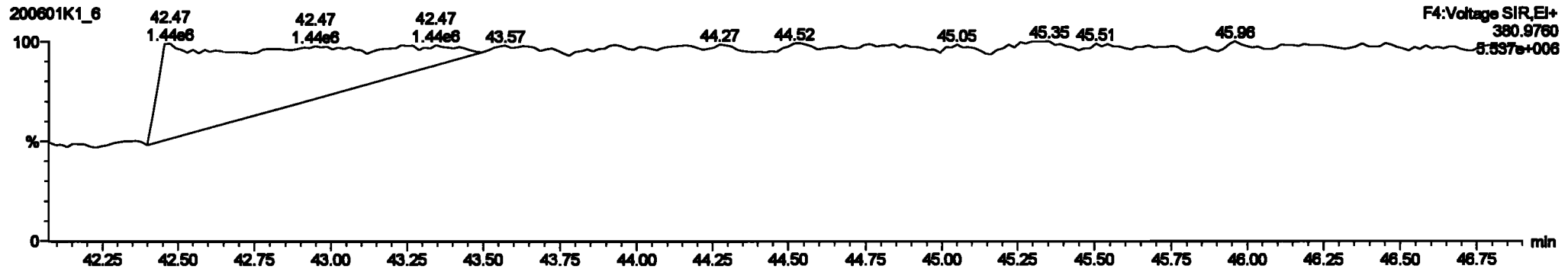
PCB-114

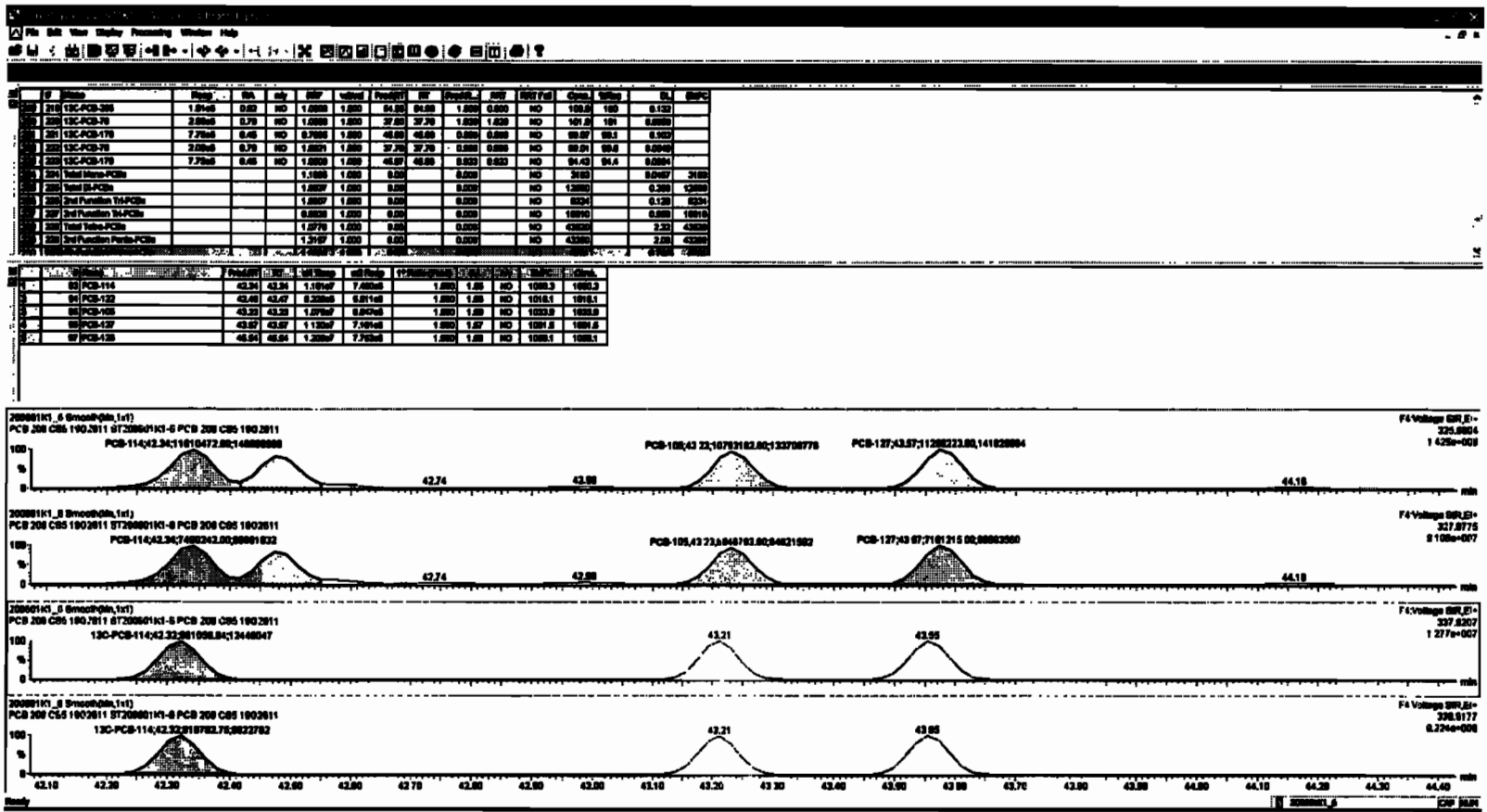


13C-PCB-114



PFK4a





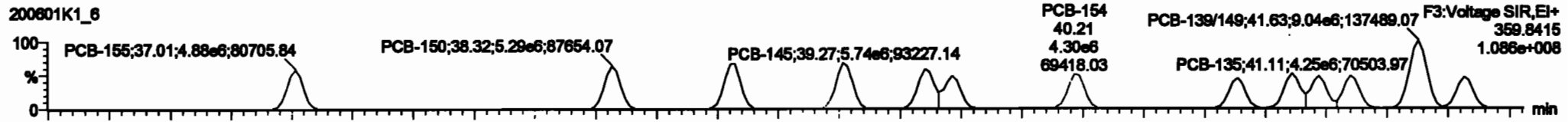
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

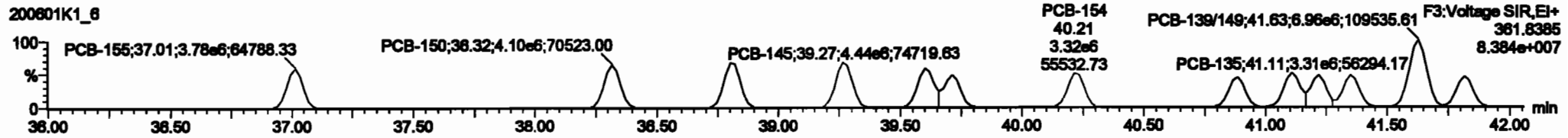
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PCB-155

200601K1_6

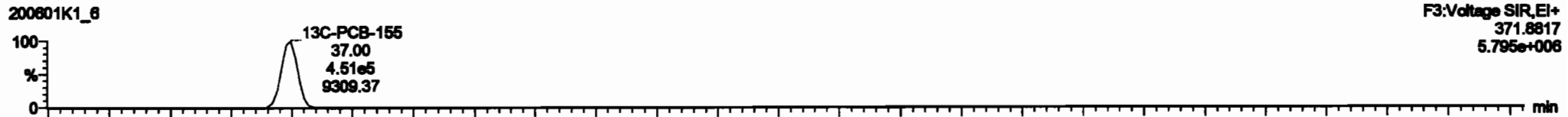


200601K1_6

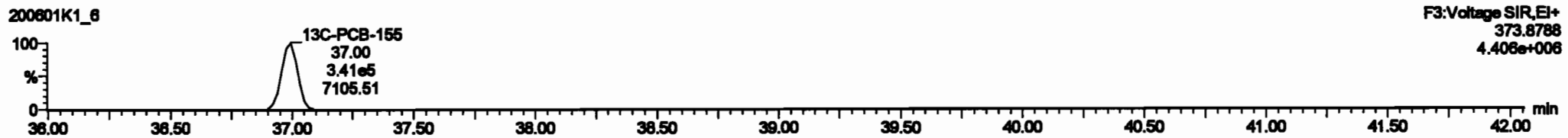


13C-PCB-155

200601K1_6

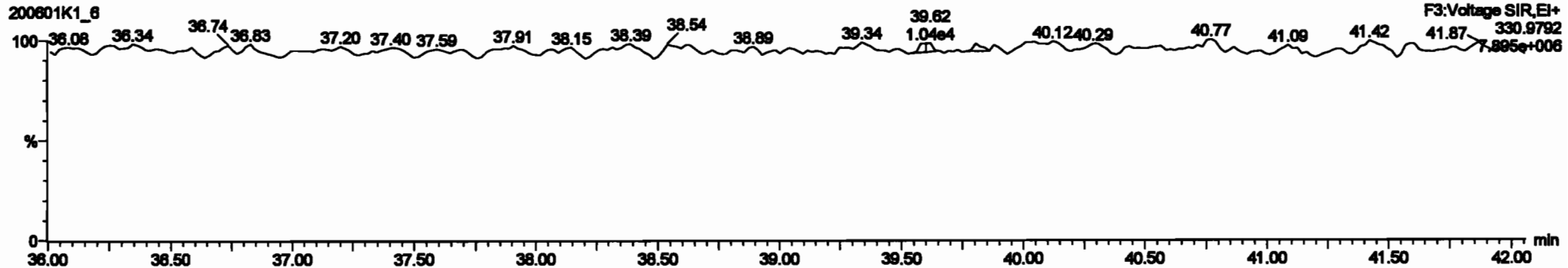


200601K1_6



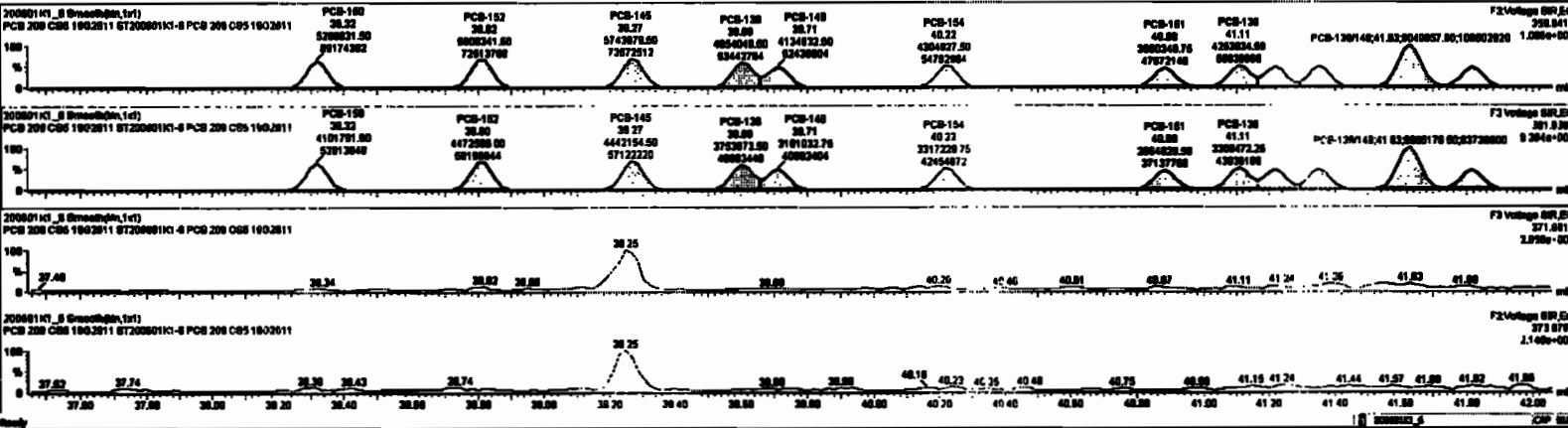
PFK3c

200601K1_6



#	Name	Step	Time	Qty	Req	Used	Residual	UT	Residual	UT	Unit Prio	Class	Value	Q	SWPC
1	2200 4th Parallel Home-PCBs				1.0000	1.0000	0.0000	0.0000	ND	20776			0.00	0.0000	20776
2	2200 Total Home-PCBs				1.0000	1.0000	0.0000	0.0000	ND	20776			0.00	0.0000	20776
3	2200 4th Parallel Home-PCBs				1.0000	1.0000	0.0000	0.0000	ND	20776			0.00	0.0000	20776
4	2200 Total Home-PCBs				1.0000	1.0000	0.0000	0.0000	ND	20776			0.00	0.0000	20776
5	2200 4th Parallel Home-PCBs				1.4000	1.4000	0.0000	0.0000	ND	3140			1.40	1.4000	3140
6	2200 Total Home-PCBs				0.6000	1.4000	0.8000	0.0000	ND	3084			0.797	0.797	3084
7	2200 4th Parallel Home-PCBs				0.0000	1.4000	0.0000	0.0000	ND	1045			0.0000	0.0000	1045
8	2200 Total Home-PCBs														
9	2200 4th Parallel Home-PCBs														
10	2200 Total Home-PCBs														
11	2200 4th Parallel Home-PCBs														
12	2200 Total Home-PCBs														
13	2200 4th Parallel Home-PCBs														
14	2200 Total Home-PCBs														

#	Name	Step	Time	Qty	Req	Used	Residual	UT	Residual	UT	Unit Prio	Class	Value	Q	SWPC
1	100 PCB-152		37.00	37.00	4.0000	3.7700	1.2300	1.20	ND	10000			1.0000	10000	
2	100 PCB-152		38.00	38.00	5.0000	4.9200	1.0800	1.20	ND	10000			1.0000	10000	
3	100 PCB-152		39.00	39.00	6.0000	4.6700	1.3300	1.20	ND	10000			1.0000	10000	
4	100 PCB-152		40.00	40.00	7.0000	4.4200	1.5800	1.20	ND	10000			1.0000	10000	
5	100 PCB-152		41.00	41.00	8.0000	4.1700	1.8300	1.20	ND	10000			1.0000	10000	
6	100 PCB-152		42.00	42.00	9.0000	3.9200	2.0800	1.20	ND	10000			1.0000	10000	
7	100 PCB-152		43.00	43.00	10.0000	3.6700	2.3300	1.20	ND	10000			1.0000	10000	
8	100 PCB-152		44.00	44.00	11.0000	3.4200	2.5800	1.20	ND	10000			1.0000	10000	
9	100 PCB-152		45.00	45.00	12.0000	3.1700	2.8300	1.20	ND	10000			1.0000	10000	
10	100 PCB-152		46.00	46.00	13.0000	2.9200	3.0800	1.20	ND	10000			1.0000	10000	
11	100 PCB-152		47.00	47.00	14.0000	2.6700	3.3300	1.20	ND	10000			1.0000	10000	
12	100 PCB-152		48.00	48.00	15.0000	2.4200	3.5800	1.20	ND	10000			1.0000	10000	
13	100 PCB-152		49.00	49.00	16.0000	2.1700	3.8300	1.20	ND	10000			1.0000	10000	
14	100 PCB-152		50.00	50.00	17.0000	1.9200	4.0800	1.20	ND	10000			1.0000	10000	

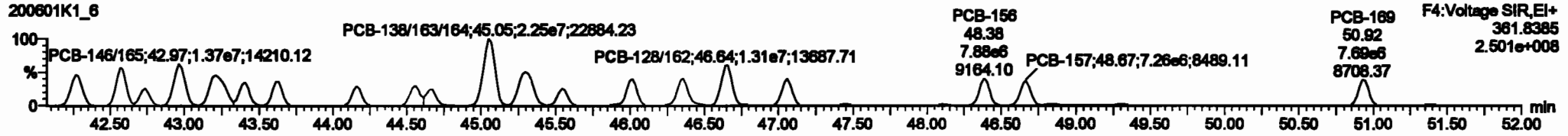
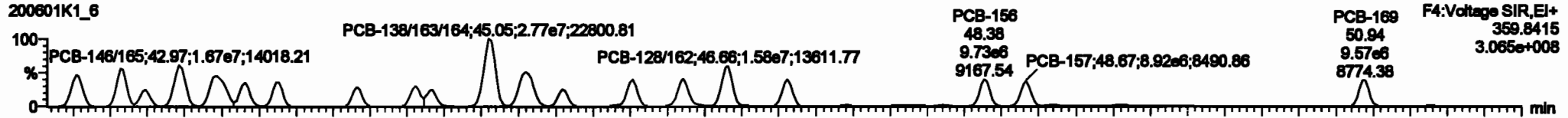


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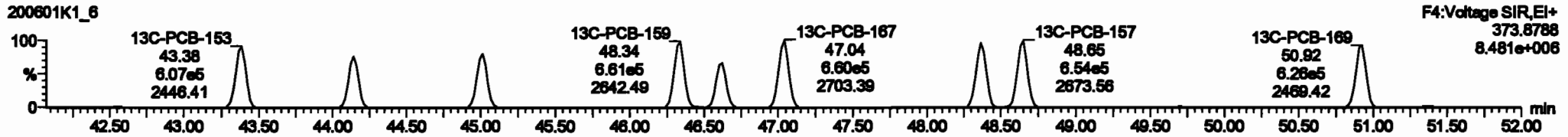
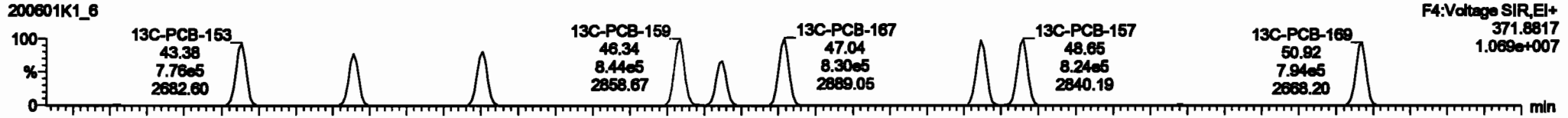
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

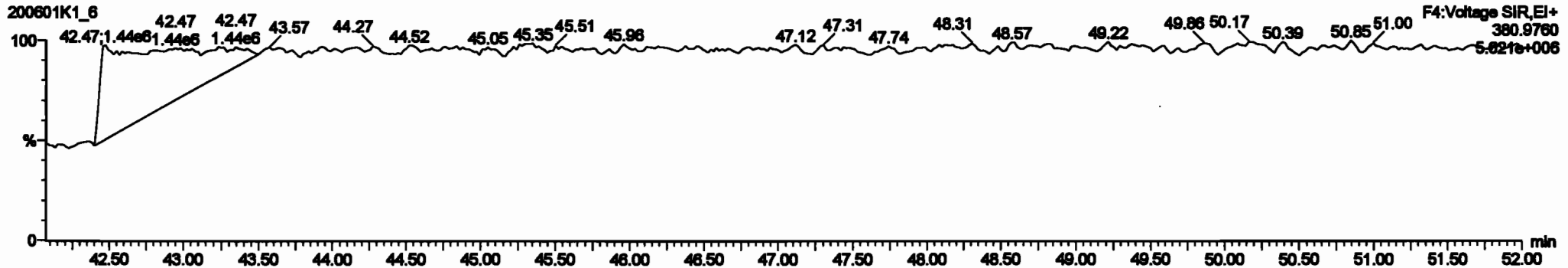
PCB-134/143



13C-PCB-153

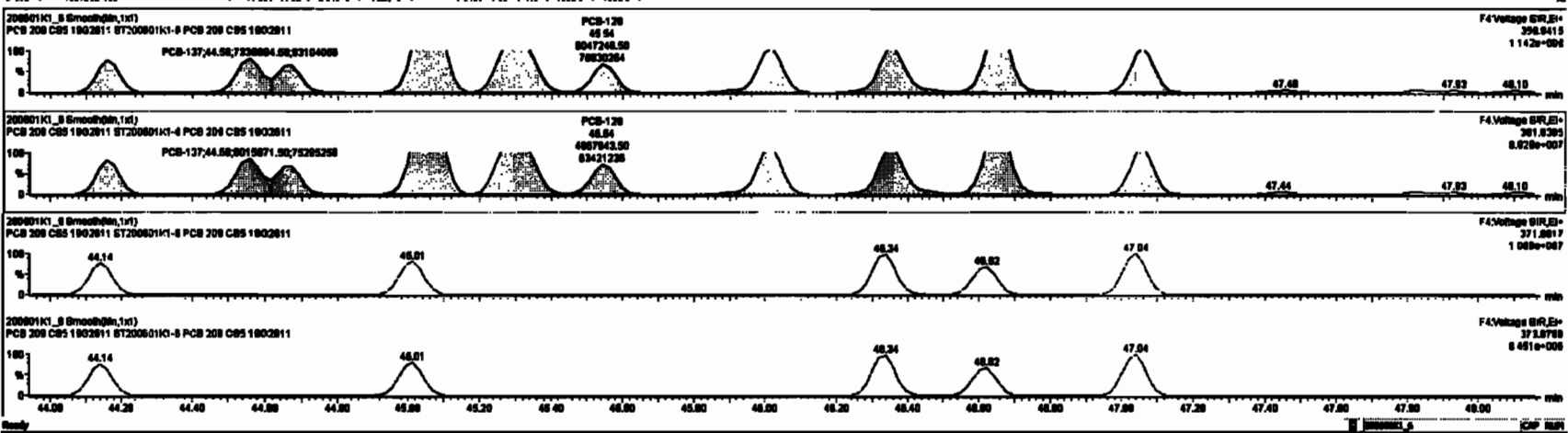


PFK4b



#	Step	RA	Qty	RFY	Wt/Unit	Prod/RFY	RFY	Prod/RFY	RFY	RFY Prod	Comp.	Notes	SL	RFPC
228	2nd Function Home-PCBs			0.0008	1.000	0.00	0.000	0.000	NO	19010	0.427		0.427	19010
229	Total Home-PCBs			1.0008	1.000	0.00	0.000	0.000	NO	20920	0.427		0.427	20920
230	Total Home-PCBs			1.0001	1.000	0.00	0.000	0.000	NO	20930	0.23		0.23	20930
231	4th Function Outer-PCBs			1.0009	1.000	0.00	0.000	0.000	NO	9790	1.44		1.44	9790
232	Total Outer-PCBs			1.1408	1.000	0.00	0.000	0.000	NO	3140	1.50		1.50	3140
233	Total Home-PCBs			0.0009	1.000	0.00	0.000	0.000	NO	3304	0.707		0.707	3304
234	Diase-OS			0.0004	1.000	0.00	0.000	0.000	NO	1042	0.0100		0.0100	1042
235	Total PCBs													
236	Total Home-Substages													
237	Total Di-Substages													
238	2nd Function Test-Substages													
239	2nd Function Test-Substages													

#	Step	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY
111	PCB-137R-03	42.20	42.20	1.277e7	1.020e7	1.240	1.24	NO	2106.0	2106.0				
112	PCB-137R-03	42.00	42.00	1.274e7	1.110e7	1.240	1.20	NO	2106.0	2106.0				
113	PCB-142	42.74	42.74	8.000e6	4.000e6	1.240	1.21	NO	1047.0	1047.0				
114	PCB-140R-05	42.00	42.00	1.200e7	1.200e7	1.240	1.20	NO	2101.0	2101.0				
115	PCB-139R-01	42.20	42.20	1.072e7	1.240e7	1.240	1.24	NO	2104.0	2104.0				
116	PCB-140	42.00	42.00	8.000e6	7.000e6	1.240	1.24	NO	1050.0	1050.0				
117	PCB-100	42.00	42.00	8.077e6	7.213e6	1.240	1.20	NO	1070.7	1070.7				
118	PCB-141	44.10	44.10	6.700e6	6.400e6	1.240	1.24	NO	1082.7	1082.7				
119	PCB-137	44.00	44.00	7.300e6	6.010e6	1.240	1.20	NO	1050.0	1050.0				



Dataset: Untitled

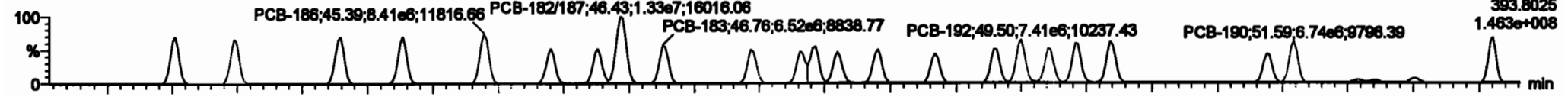
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

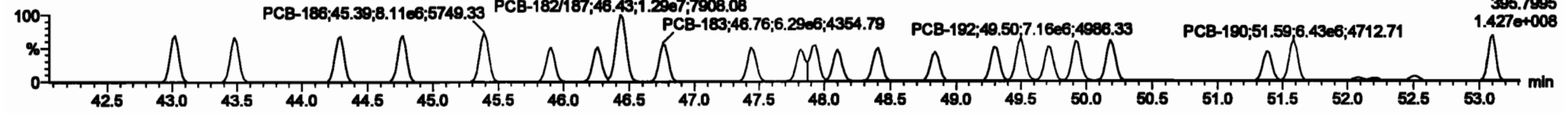
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PCB-188

200601K1_6

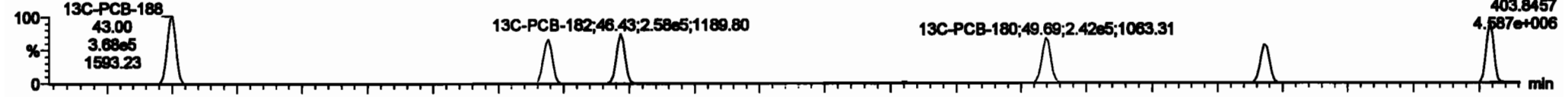


200601K1_6

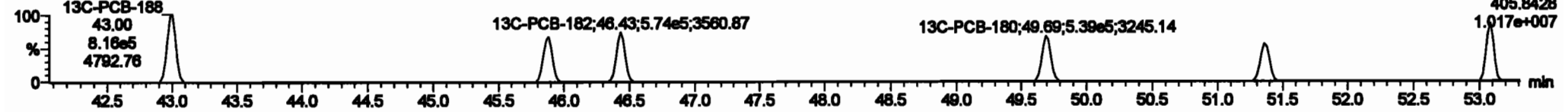


13C-PCB-188

200601K1_6

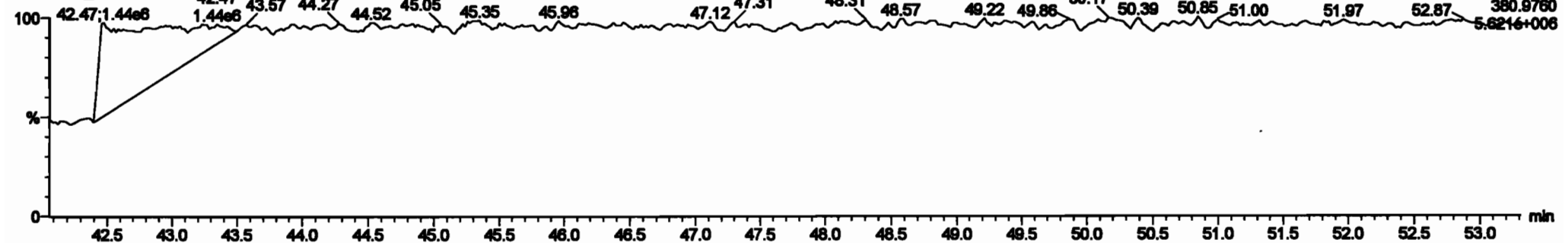


200601K1_6



PFK4c

200601K1_6



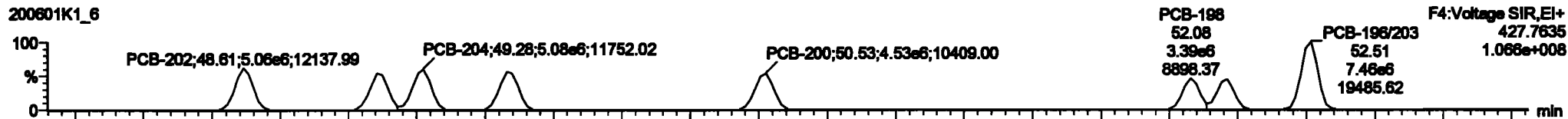
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

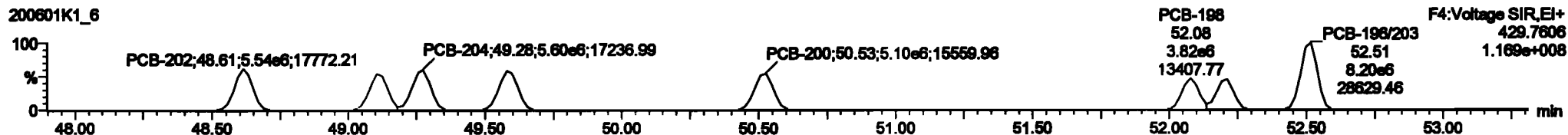
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PCB-202

200601K1_6

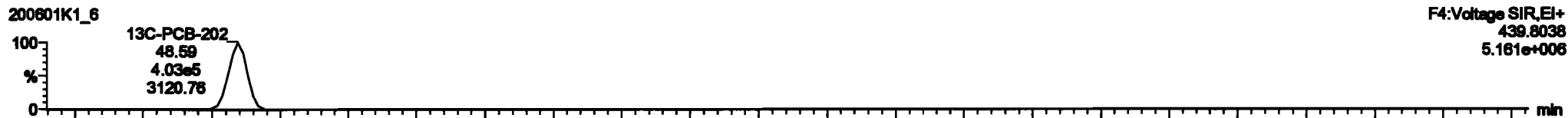


200601K1_6

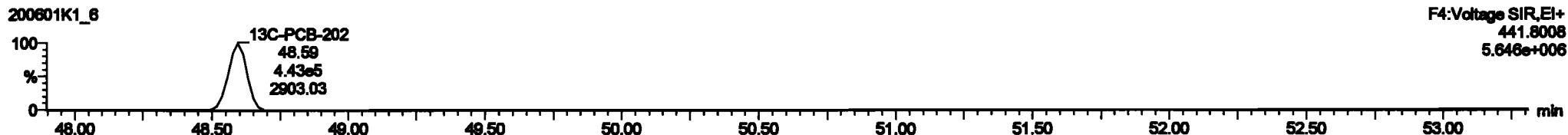


13C-PCB-202

200601K1_6

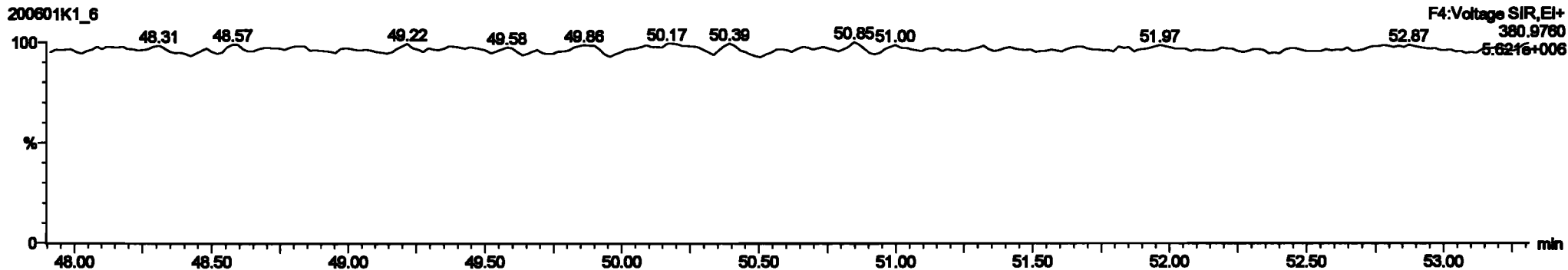


200601K1_6



PFK4d

200601K1_6



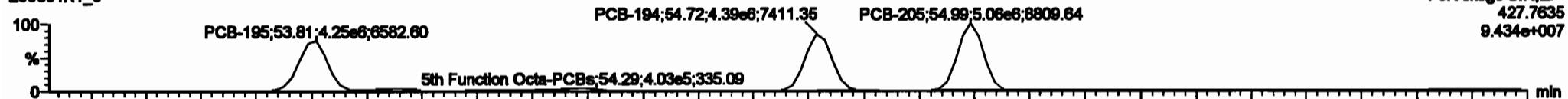
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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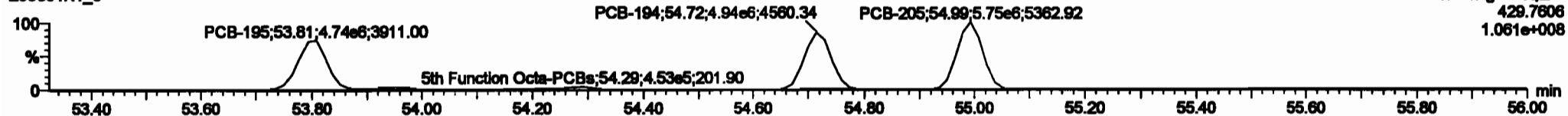
PCB-195

200601K1_6



F5:Voltage SIR,EI+
427.7635
9.434e+007

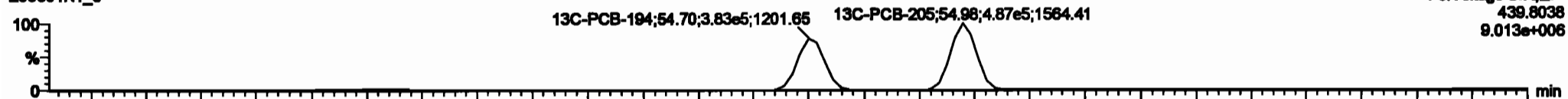
200601K1_6



F5:Voltage SIR,EI+
429.7606
1.061e+008

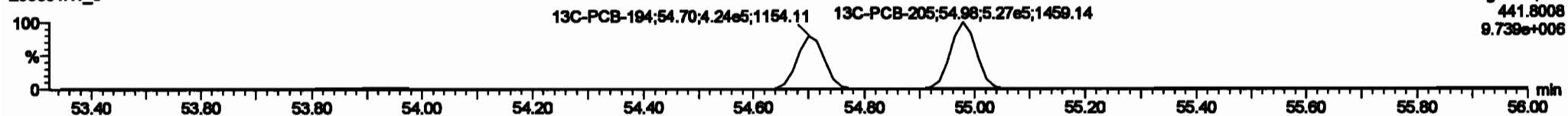
13C-PCB-194

200601K1_6



F5:Voltage SIR,EI+
439.8038
9.013e+006

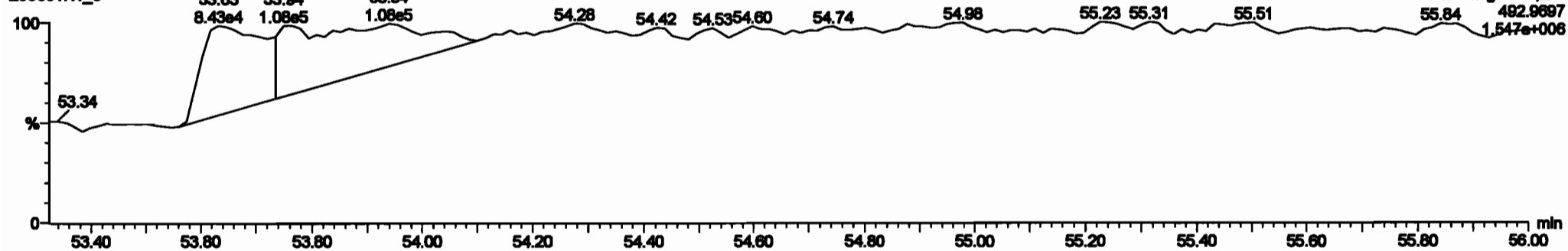
200601K1_6



F5:Voltage SIR,EI+
441.8008
9.739e+006

PFK5a

200601K1_6



F5:Voltage SIR,EI+
492.9697
1.547e+006

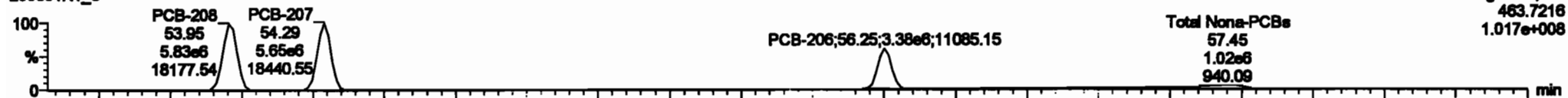
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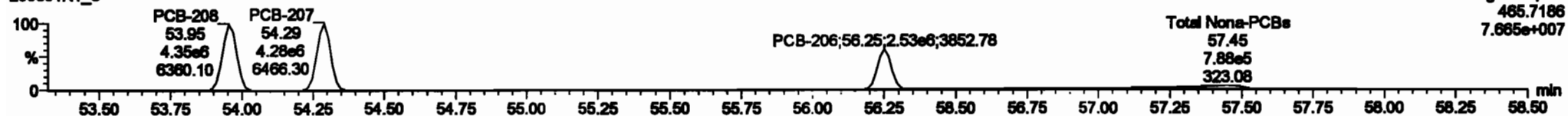
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PCB-208

200601K1_6

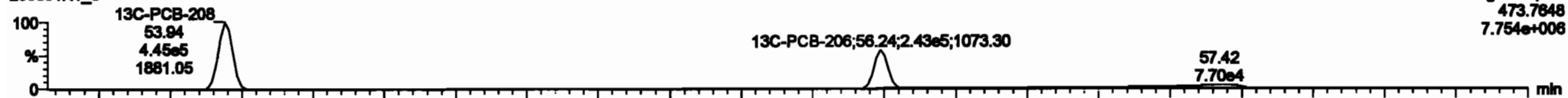


200601K1_6

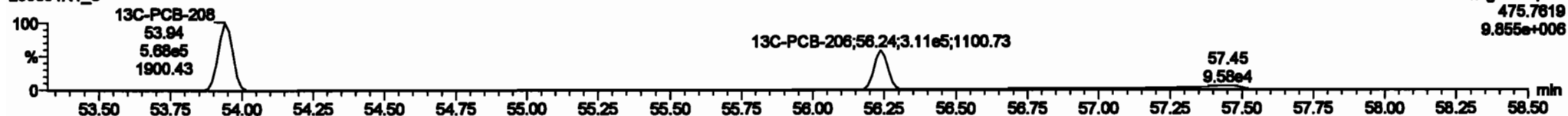


13C-PCB-208

200601K1_6

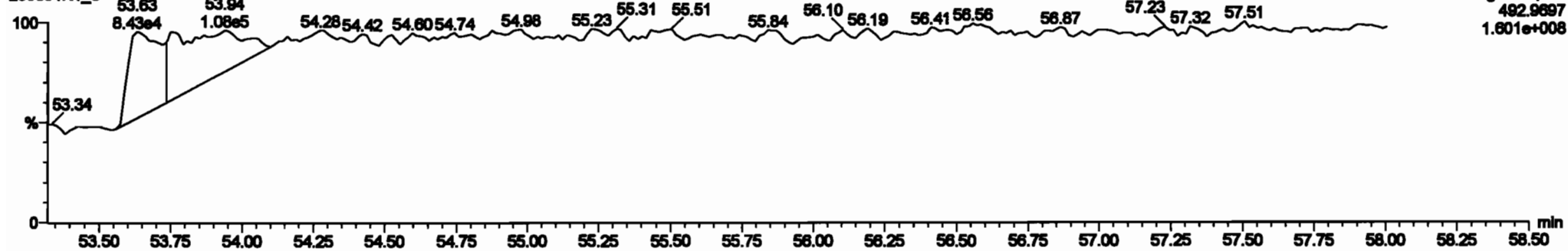


200601K1_6



PFK5

200601K1_6



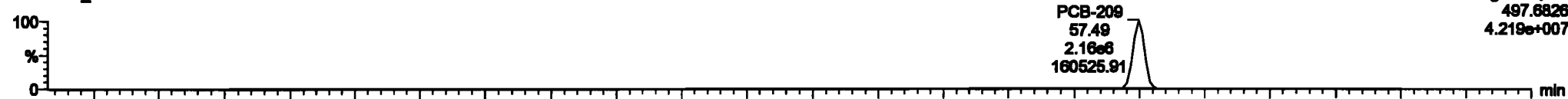
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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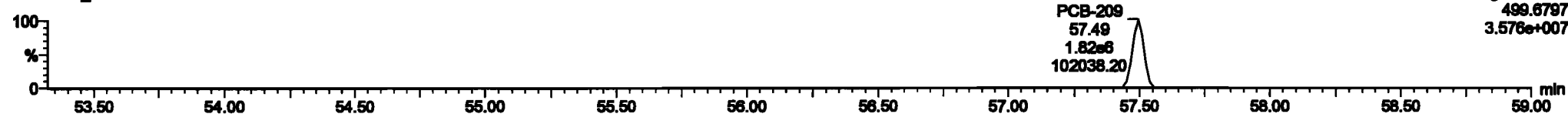
PCB-209

200601K1_6



F5:Voltage SIR,EI+
497.6826
4.219e+007

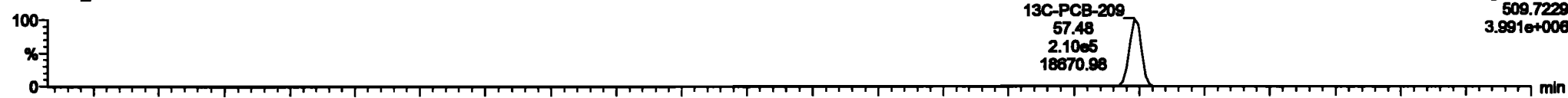
200601K1_6



F5:Voltage SIR,EI+
499.6797
3.576e+007

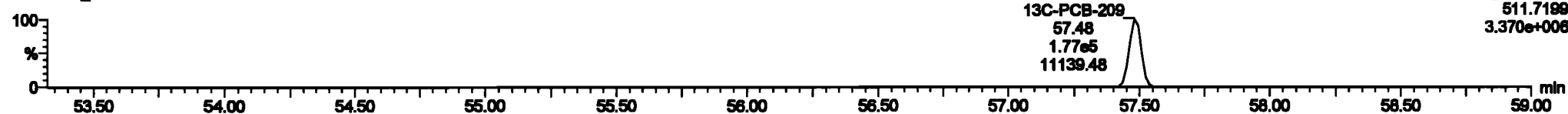
13C-PCB-209

200601K1_6



F5:Voltage SIR,EI+
509.7229
3.991e+008

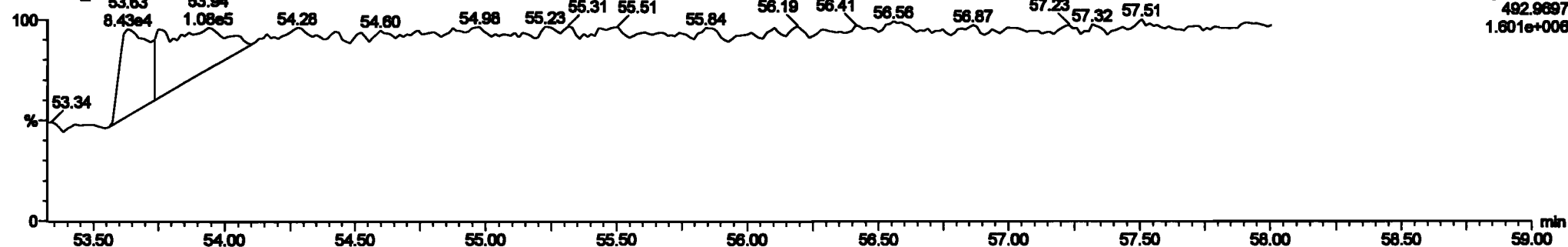
200601K1_6



F5:Voltage SIR,EI+
511.7199
3.370e+008

PFK5b

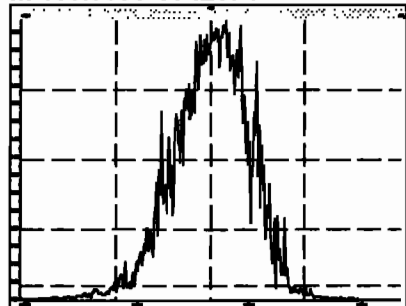
200601K1_6



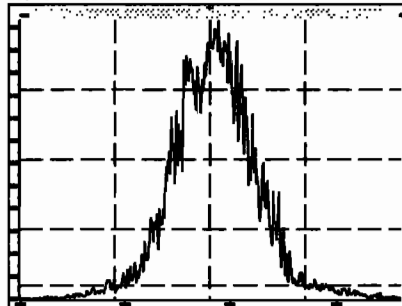
F5:Voltage SIR,EI+
492.9897
1.601e+008

Printed: Tuesday, June 02, 2020 02:33:38 Pacific Daylight Time

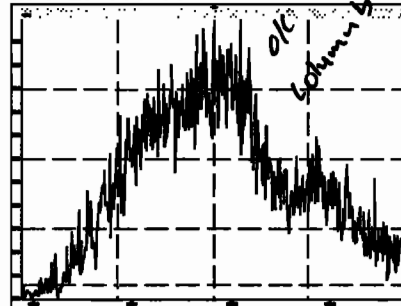
M 168.9888 R 12074



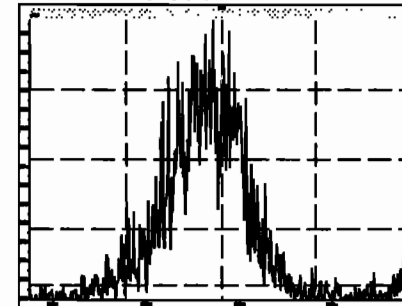
M 180.9888 R 10992



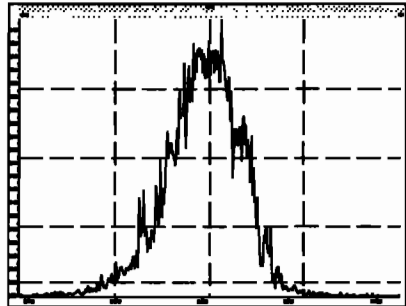
M 192.9888 R 0



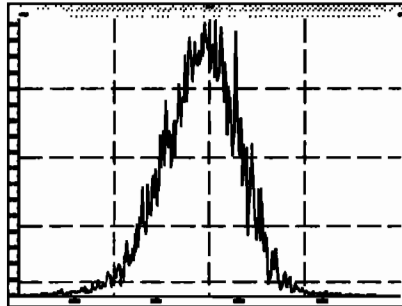
M 204.9888 R 14010



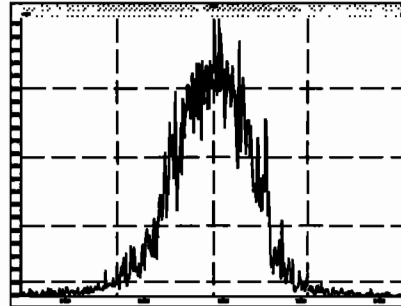
M 218.9856 R 11112



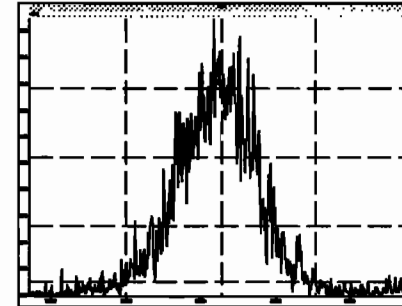
M 230.9856 R 12243



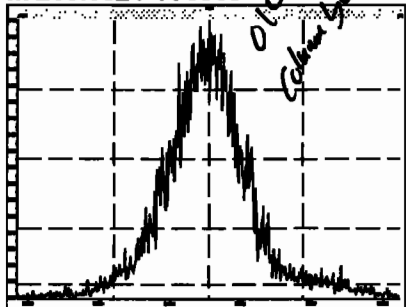
M 242.9856 R 12373



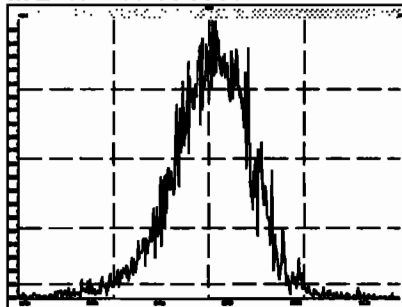
M 254.9856 R 11834



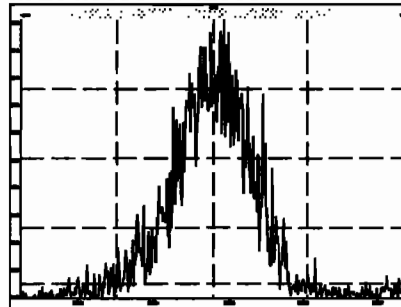
M 268.9824 R 9960



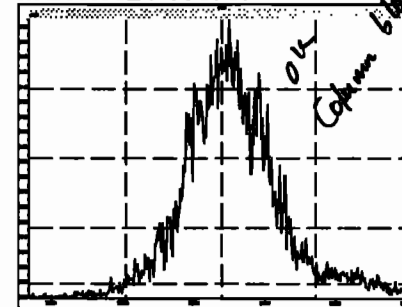
M 280.9824 R 11142



M 254.9856 R 12563

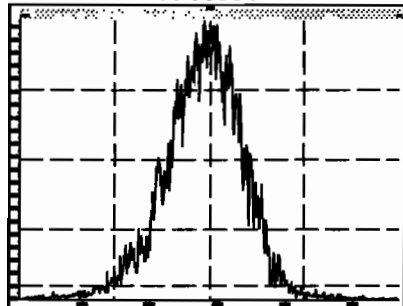


M 268.9824 R 8787

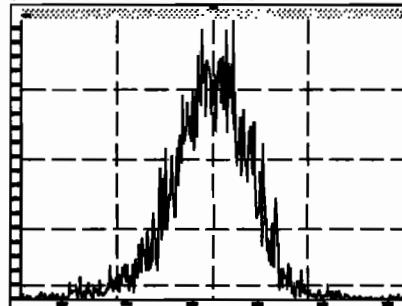


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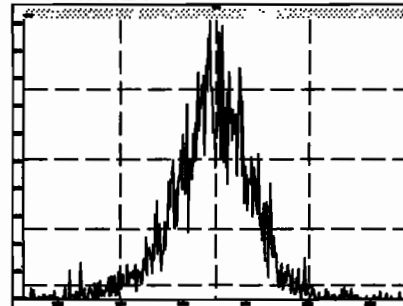
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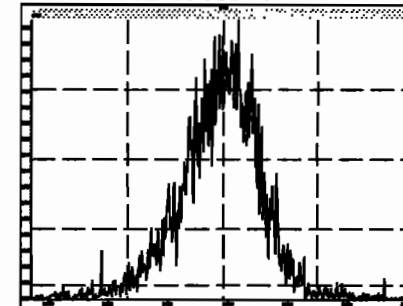
M 292.9824 R 12537



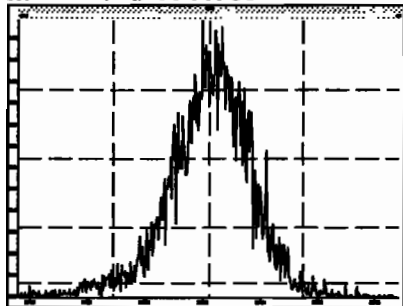
M 304.9824 R 11934



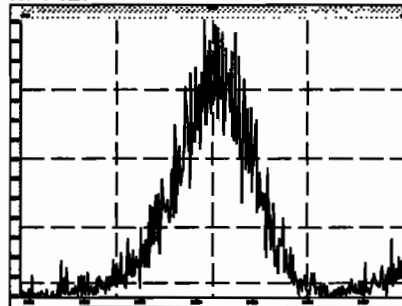
M 318.9792 R 11884



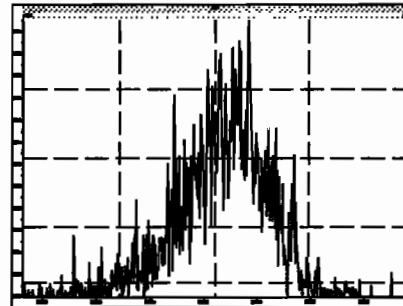
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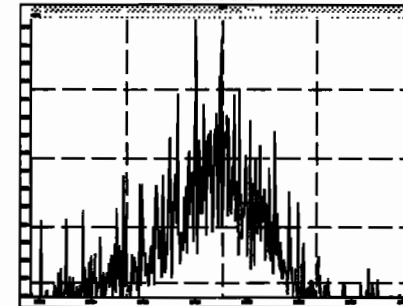
M 342.9792 R 11684



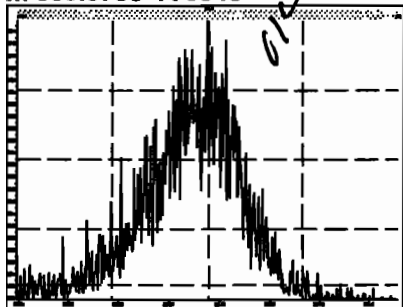
M 354.9792 R 12435



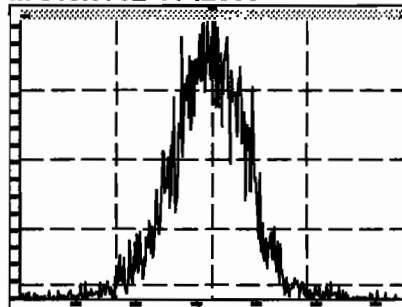
M 366.9792 R 14946



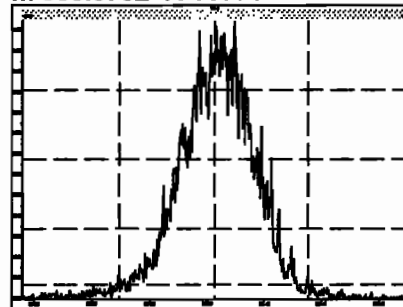
M 380.9760 R 9943



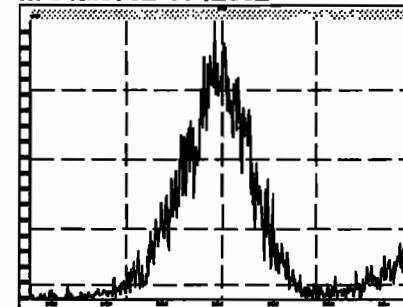
M 318.9792 R 12965



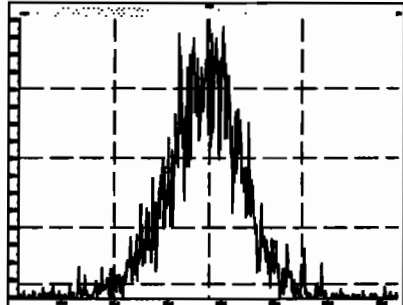
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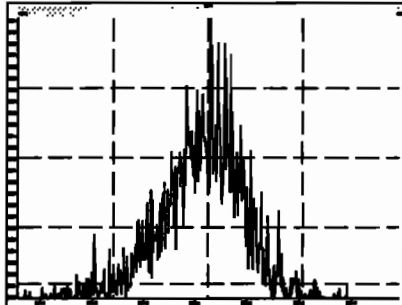
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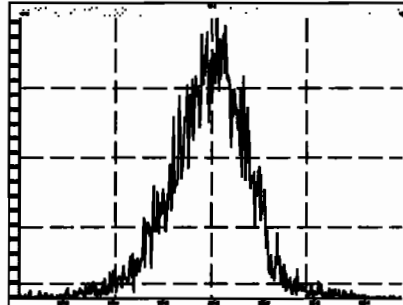
M 354.9792 R 12987



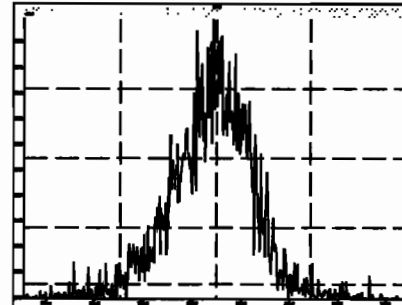
M 366.9792 R 13158



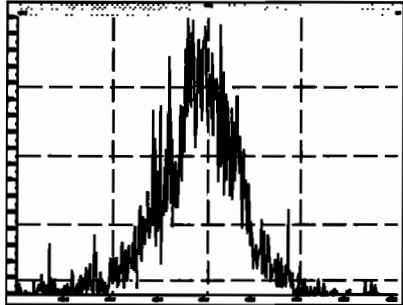
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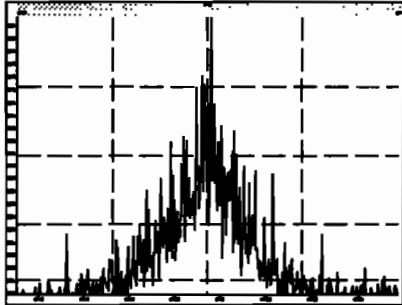
M 392.9760 R 12563



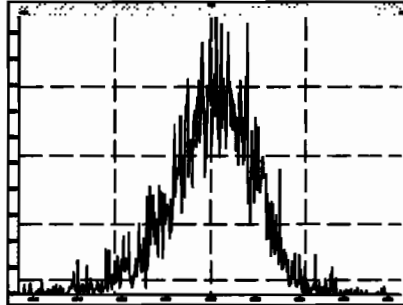
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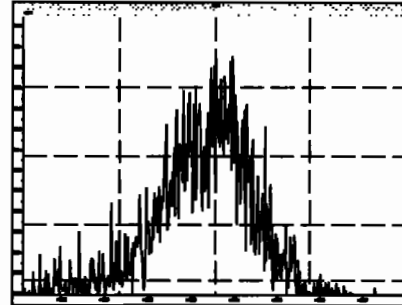
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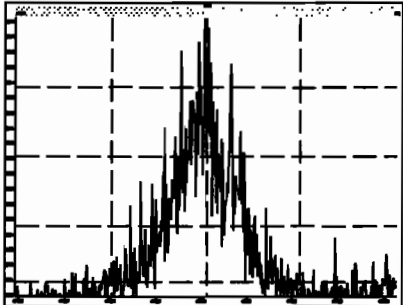
M 430.9728 R 12412



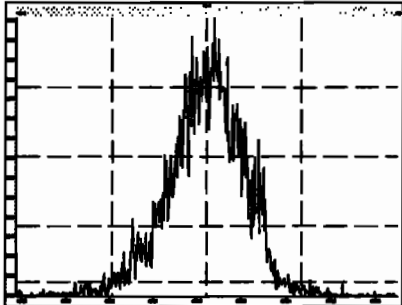
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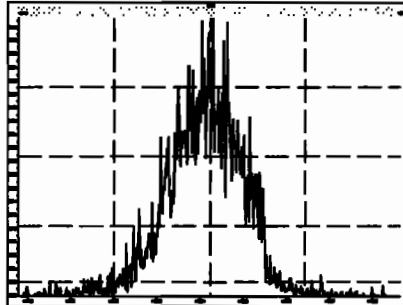
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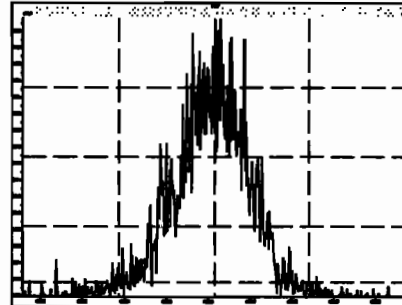
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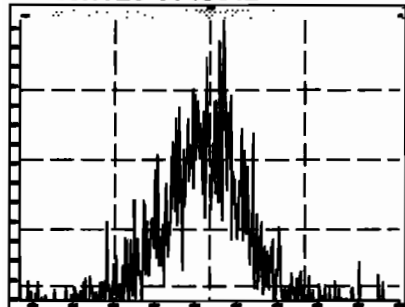
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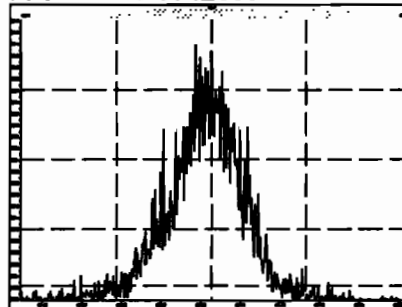
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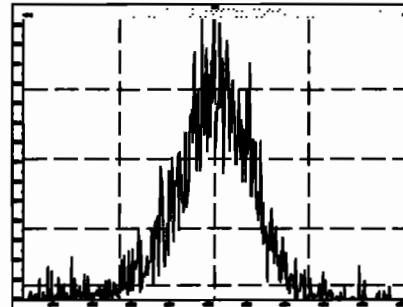
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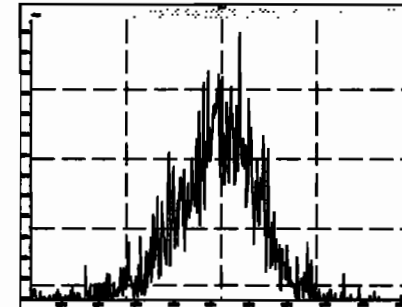
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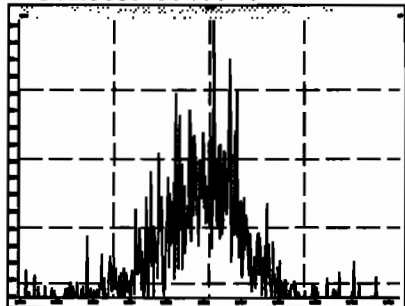
M 492.9696 R 13097



M 504.9696 R 12787



M 516.9697 R 19564



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

h 5.2.2020

06/02/2020

Method: Untitled 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\vb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

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1	1 PCB-1	2.54e6	3.08	NO	1.17	1.000	15.53	15.54	1.001	1.001	NO	98.29	90-130	0.00958	98.29
2	2 PCB-2			NO	1.18	1.000	17.95		0.988		YES			0.00963	
3	3 PCB-3	2.60e6	3.06	NO	1.15	1.000	18.18	18.19	1.001	1.001	NO	99.67	70-130	0.00992	99.67
4	4 PCB-4/10	3.74e6	1.54	NO	1.25	1.000	19.61	19.60	1.004	1.004	NO	203.1	42.5-225	0.0422	203.1
5	5 PCB-7/9	2.33e6	1.55	NO	0.960	1.000	21.41	21.37	1.003	1.001	NO	101.6	70-130	0.0331	101.6
6	6 PCB-6			NO	1.02	1.000	22.06		1.033		YES			0.0311	
7	7 PCB-5/8	2.40e6	1.55	NO	0.992	1.000	22.46	22.46	1.052	1.052	NO	100.9	70-130	0.0320	100.9
8	8 PCB-14			NO	1.02	1.000	23.61		0.952		YES			0.0337	
9	9 PCB-11	2.29e6	1.57	NO	1.13	1.000	24.82	24.82	1.001	1.001	NO	87.28	70-130	0.0304	87.28
10	10 PCB-12/13	2.21e6	1.56	NO	1.03	1.000	25.26	25.26	1.018	1.018	NO	92.77		0.0333	92.77
11	11 PCB-15	2.35e6	1.56	NO	1.03	1.000	25.57	25.55	1.031	1.030	NO	97.71		0.0331	97.71
12	12 PCB-19	6.50e5	1.03	NO	1.11	1.000	23.79	23.79	1.001	1.001	NO	47.23	75-65	0.0234	47.23
13	13 PCB-30			NO	1.79	1.000	24.69		1.039		YES			0.0144	
14	14 PCB-18	6.76e5	1.02	NO	0.618	1.000	25.47	25.47	0.952	0.952	NO	45.50		0.0216	45.50
15	15 PCB-17			NO	0.758	1.000	25.64		0.958		YES			0.0233	
16	16 PCB-24/27			NO	1.08	1.000	26.26		0.981		YES			0.0163	
17	17 PCB-16/32			NO	0.925	1.000	26.79		1.001		YES			0.0191	
18	18 PCB-34			NO	0.945	1.000	27.58		0.959		YES			0.0221	
19	19 PCB-23			NO	0.883	1.000	27.67		0.982		YES			0.0236	
20	20 PCB-29			NO	0.893	1.000	27.93		0.971		YES			0.0234	
21	21 PCB-26			NO	0.944	1.000	28.16		0.979		YES			0.0221	
22	22 PCB-25			NO	0.950	1.000	28.31		0.984		YES			0.0220	
23	23 PCB-31	9.20e5	1.02	NO	1.04	1.000	28.68	28.70	0.997	0.997	NO	42.66		0.0201	42.66
24	24 PCB-28	9.58e5	1.07	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	44.94		0.0204	44.94
25	25 PCB-20/21/33	6.95e5	1.05	NO	0.941	1.000	29.43	29.46	1.023	1.024	NO	45.73	45.7	0.0222	45.73
26	26 PCB-22			NO	0.973	1.000	29.67		1.036		YES			0.0215	
27	27 PCB-36			NO	1.08	1.000	30.52		0.931		YES			0.0219	
28	28 PCB-39			NO	0.988	1.000	31.00		0.946		YES			0.0238	
29	29 PCB-38	6.46e5	1.05	NO	1.05	1.000	31.80	31.76	0.970	0.970	NO	43.25	75-65	0.0224	43.25
30	30 PCB-35	6.58e5	1.03	NO	1.04	1.000	32.34	32.32	0.987	0.986	NO	44.23		0.0226	44.23
31	31 PCB-37	6.92e5	1.05	NO	1.01	1.000	32.79	32.79	1.001	1.001	NO	47.59		0.0233	47.59
32	32 PCB-54	6.31e5	0.78	NO	1.08	1.000	27.64	27.64	1.001	1.001	NO	47.67		0.0216	47.67

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Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	FA	n/y	RP	w/nd	Prod RT	RT	Prod CR	RRT	Check RRT	Comp	U/Bar	DI	EMPC
33	33 PCB-50			NO	0.880	1.000	28.83		1.044		YES		35-65	0.0265	
34	34 PCB-53			NO	0.997	1.000	29.50		0.944		YES			0.0295	
35	35 PCB-51			NO	1.07	1.000	29.85		0.955		YES			0.0276	
36	36 PCB-45			NO	0.858	1.000	30.30		0.989		YES			0.0342	
37	37 PCB-46			NO	0.831	1.000	30.80		0.985		YES			0.0354	
38	38 PCB-52/69	6.95e5	0.76	NO	1.17	1.000	31.30	31.28	1.001	1.001	NO	46.22		0.0252	46.22
39	39 PCB-73			NO	1.44	1.000	31.41		1.005		YES			0.0204	
40	40 PCB-43/49	6.32e5	0.79	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	48.32		0.0289	48.32
41	41 PCB-47			NO	0.922	1.000	31.80		1.001		YES			0.0299	
42	42 PCB-48/75			NO	1.12	1.000	31.92		1.004		YES			0.0246	
43	43 PCB-65			NO	1.28	1.000	32.19		1.013		YES			0.0215	
44	44 PCB-62			NO	1.13	1.000	32.29		1.016		YES			0.0244	
45	45 PCB-44	5.42e5	0.76	NO	0.824	1.000	32.62	32.62	1.026	1.028	NO	47.17		0.0334	47.17
46	46 PCB-42/59			NO	1.05	1.000	32.85		1.033		YES			0.0262	
47	47 PCB-41/64/71/72			NO	1.19	1.000	33.47		1.053		YES			0.0232	
48	48 PCB-68			NO	1.28	1.000	33.72		1.061		YES			0.0215	
49	49 PCB-40			NO	0.602	1.000	33.95		1.068		YES			0.0457	
50	50 PCB-57	8.11e5	0.77	NO	1.16	1.000	34.32	34.32	0.989	0.969	NO	43.84		0.0211	43.84
51	51 PCB-67			NO	1.08	1.000	34.63		0.978		YES			0.0226	
52	52 PCB-58			NO	1.20	1.000	34.74		0.981		YES			0.0204	
53	53 PCB-63			NO	1.07	1.000	34.91		0.986		YES			0.0229	
54	54 PCB-74	8.49e5	0.79	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	45.03		0.0207	45.03
55	55 PCB-61/70	8.69e5	0.77	NO	1.05	1.000	35.43	35.43	1.000	1.001	NO	51.83		0.0233	51.83
56	56 PCB-76/66	8.24e5	0.78	NO	1.16	1.000	35.62	35.66	1.006	1.007	NO	44.47		0.0211	44.47
57	57 PCB-80			NO	1.19	1.000	35.86		1.001		YES			0.0204	
58	58 PCB-55			NO	1.17	1.000	36.20		1.010		YES			0.0207	
59	59 PCB-56/60			NO	1.02	1.000	36.70		1.024		YES			0.0238	
60	60 PCB-79	8.18e5	0.79	NO	1.14	1.000	37.80	37.81	1.055	1.055	NO	44.49		0.0213	44.49
61	61 PCB-78	7.39e5	0.78	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	42.34		0.0232	42.34
62	62 PCB-81	8.37e5	0.77	NO	1.05	1.000	39.06	39.08	1.000	1.000	NO	52.15		0.0252	52.15
63	63 PCB-77	7.93e5	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	48.37		0.0237	46.37
64	64 PCB-104	6.77e5	1.57	NO	1.12	1.000	32.47	32.47	1.001	1.001	NO	54.51		0.0255	54.51
65	65 PCB-96			NO	1.15	1.000	33.78		1.041		YES			0.0248	
66	66 PCB-103			NO	0.936	1.000	34.32		1.058		YES			0.0305	
67	67 PCB-100			NO	0.954	1.000	34.69		1.089		YES			0.0300	
68	68 PCB-94			NO	0.949	1.000	35.21		0.985		YES			0.0390	

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#	Name	Resp	RA	IN	RFP	Wt/Fac	Prod.RT	RT	Prod.LI	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	4.83e5	1.58	NO	1.20	1.000	35.69	35.75	0.999	1.001	NO	46.51	46.5	0.0307	46.51
70	70 PCB-93			NO	0.935	1.000	35.81		1.002		YES			0.0396	
71	71 PCB-88/91			NO	1.06	1.000	36.16		1.012		YES			0.0347	
72	72 PCB-121			NO	1.71	1.000	36.25		1.015		YES			0.0216	
73	73 PCB-84/92			NO	1.02	1.000	37.10		0.990		YES			0.0377	
74	74 PCB-89			NO	1.11	1.000	37.27		0.995		YES			0.0347	
75	75 PCB-90/101	5.13e5	1.81	NO	1.12	1.000	37.48	37.50	1.000	1.001	NO	54.10		0.0342	54.10
76	76 PCB-113			NO	1.51	1.000	37.72		1.007		YES			0.0253	
77	77 PCB-99	5.21e5	1.60	NO	1.32	1.000	37.81	37.83	1.009	1.010	NO	46.70		0.0290	46.70
78	78 PCB-119			NO	1.81	1.000	38.32		0.987		YES			0.0246	
79	79 PCB-108/112			NO	1.44	1.000	38.47		0.991		YES			0.0308	
80	80 PCB-83			NO	1.83	1.000	38.63		0.995		YES			0.0243	
81	81 PCB-97			NO	1.28	1.000	38.84		1.000		YES			0.0347	
82	82 PCB-86			NO	1.12	1.000	39.01		1.005		YES			0.0398	
83	83 PCB-87/117/125	4.49e5	1.58	NO	1.56	1.000	39.14	39.14	1.008	1.008	NO	38.66	38.7	0.0285	38.66
84	84 PCB-111/115	6.30e5	1.58	NO	1.91	1.000	39.29	39.28	1.012	1.012	NO	44.26		0.0233	44.26
85	85 PCB-85/116			NO	1.41	1.000	39.42		1.015		YES			0.0315	
86	86 PCB-120			NO	2.01	1.000	39.68		1.022		YES			0.0222	
87	87 PCB-110	6.19e5	1.57	NO	1.74	1.000	39.83	39.81	1.026	1.025	NO	47.71		0.0255	47.71
88	88 PCB-82			NO	0.781	1.000	40.48		0.976		YES			0.0410	
89	89 PCB-124			NO	1.40	1.000	41.17		0.993		YES			0.0229	
90	90 PCB-107/109			NO	1.34	1.000	41.31		0.996		YES			0.0239	
91	91 PCB-123	6.07e5	1.57	NO	1.20	1.000	41.48	41.48	1.000	1.000	NO	50.39		0.0267	50.39
92	92 PCB-106/118	6.56e5	1.60	NO	1.22	1.000	41.69	41.67	1.001	1.000	NO	51.95		0.0255	51.95
93	93 PCB-114	6.19e5	1.52	NO	1.14	1.000	42.34	42.34	1.000	1.000	NO	43.57		0.0294	43.57
94	94 PCB-122			NO	0.944	1.000	42.49		1.004		YES			0.0355	
95	95 PCB-105	6.38e5	1.56	NO	1.05	1.000	43.23	43.23	1.000	1.000	NO	47.30		0.0310	47.30
96	96 PCB-127			NO	1.06	1.000	43.57		1.000		YES			0.0310	
97	97 PCB-126	7.05e5	1.58	NO	1.17	1.000	45.54	45.54	1.000	1.000	NO	48.02		0.0296	48.02
98	98 PCB-155	4.07e5	1.28	NO	1.04	1.000	37.01	37.01	1.000	1.001	NO	56.82		0.0303	56.82
99	99 PCB-150			NO	1.08	1.000	38.33		1.036		YES			0.0292	
100	1... PCB-152			NO	1.19	1.000	38.82		1.049		YES			0.0266	
101	1... PCB-145			NO	1.19	1.000	39.29		1.062		YES			0.0266	
102	1... PCB-136			NO	1.02	1.000	39.82		1.071		YES			0.0309	
103	1... PCB-148			NO	0.842	1.000	39.73		1.074		YES			0.0375	
104	1... PCB-154			NO	0.919	1.000	40.23		1.067		YES			0.0344	

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#	Name	Comp	RA	Qty	RRP	w/Vol	Prod RT	RT	Prod FL	RRT	Check RRT	Comp	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	1.000	40.90		1.105		YES			0.0402	
106	1... PCB-135			NO	0.922	1.000	41.13		1.112		YES			0.0343	
107	1... PCB-144			NO	0.789	1.000	41.24		1.115		YES			0.0400	
108	1... PCB-147			NO	0.834	1.000	41.37		1.118		YES			0.0379	
109	1... PCB-139/149	2.83e5	1.29	NO	0.948	1.000	41.64	41.61	1.125	1.125	NO	43.47		0.0333	43.47
110	1... PCB-140			NO	0.794	1.000	41.64		1.131		YES			0.0398	
111	1... PCB-134/143			NO	0.759	1.000	42.29		0.975		YES			0.0574	
112	1... PCB-131/133			NO	0.821	1.000	42.59		0.982		YES			0.0531	
113	1... PCB-142			NO	0.754	1.000	42.74		0.985		YES			0.0578	
114	1... PCB-146/165			NO	1.02	1.000	42.98		0.991		YES			0.0429	
115	1... PCB-132/161			NO	1.02	1.000	43.22		0.998		YES			0.0425	
116	1... PCB-153	5.68e5	1.23	NO	1.07	1.000	43.40	43.40	1.000	1.000	NO	46.28		0.0407	46.28
117	1... PCB-168			NO	1.08	1.000	43.63		1.006		YES			0.0404	
118	1... PCB-141			NO	1.03	1.000	44.16		1.000		YES			0.0508	
119	1... PCB-137			NO	1.11	1.000	44.56		1.010		YES			0.0468	
120	1... PCB-130			NO	0.885	1.000	44.66		1.012		YES			0.0587	
121	1... PCB-138/163/164	4.98e5	1.23	NO	1.28	1.000	45.05	45.03	1.001	1.000	NO	38.87	36.9	0.0393	38.87
122	1... PCB-158/160			NO	1.24	1.000	45.30		1.006		YES			0.0407	
123	1... PCB-129			NO	0.867	1.000	45.56		1.012		YES			0.0582	
124	1... PCB-166			NO	1.14	1.000	46.02		0.993		YES			0.0372	
125	1... PCB-159			NO	1.22	1.000	46.36		1.000		YES			0.0350	
126	1... PCB-128/162	6.25e5	1.23	NO	0.907	1.000	46.64	46.66	1.007	1.007	NO	57.08		0.0469	57.08
127	1... PCB-167	6.67e5	1.24	NO	1.11	1.000	47.06	47.06	1.000	1.000	NO	50.25		0.0377	50.25
128	1... PCB-156	5.92e5	1.21	NO	1.13	1.000	48.39	48.38	1.000	1.000	NO	46.00		0.0392	46.00
129	1... PCB-157	6.60e5	1.23	NO	1.04	1.000	46.69	48.67	1.001	1.000	NO	55.54		0.0434	55.54
130	1... PCB-169	5.71e5	1.25	NO	1.16	1.000	50.94	50.94	1.000	1.000	NO	45.51		0.0426	45.51
131	1... PCB-188	6.25e5	1.04	NO	1.29	1.000	43.04	43.02	1.001	1.000	NO	51.05		0.0525	51.05
132	1... PCB-184			NO	1.23	1.000	43.49		1.011		YES			0.0550	
133	1... PCB-179			NO	1.30	1.000	44.29		1.030		YES			0.0522	
134	1... PCB-176			NO	1.31	1.000	44.76		1.041		YES			0.0518	
135	1... PCB-188			NO	1.33	1.000	45.41		1.056		YES			0.0510	
136	1... PCB-178	4.35e5	1.04	NO	0.943	1.000	45.92	45.90	1.088	1.067	NO	48.56		0.0718	48.56
137	1... PCB-175			NO	0.956	1.000	46.26		1.076		YES			0.0708	
138	1... PCB-182/187	4.62e5	1.05	NO	1.07	1.000	46.44	48.43	1.080	1.080	NO	45.61		0.0635	45.61
139	1... PCB-183			NO	1.02	1.000	46.76		1.088		YES			0.0662	
140	1... PCB-185			NO	1.41	1.000	47.44		0.955		YES			0.0779	

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#	Name	Resp	FA	rv	RRF	u/ucl	PreclRT	RT	PreclLR	RRT	Check RRT	Comp	NDeg	DI	EMPC
141	1... PCB-174	4.07e5	1.04	NO	1.35	1.000	47.82	47.82	0.962	0.962	NO	48.49	75-65	0.0809	48.49
142	1... PCB-181			NO	1.47	1.000	47.91		0.964		YES			0.0743	
143	1... PCB-177			NO	1.28	1.000	48.10		0.968		YES			0.0857	
144	1... PCB-171			NO	1.32	1.000	48.38		0.974		YES			0.0832	
145	1... PCB-173			NO	1.19	1.000	48.84		0.963		YES			0.0921	
146	1... PCB-172			NO	1.38	1.000	49.29		0.992		YES			0.0797	
147	1... PCB-192			NO	1.83	1.000	49.48		0.996		YES			0.0800	
148	1... PCB-180	4.72e5	1.03	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.98		0.0776	53.98
149	1... PCB-193			NO	1.68	1.000	49.92		1.005		YES			0.0653	
150	1... PCB-191			NO	1.71	1.000	50.18		1.010		YES			0.0641	
151	1... PCB-170	3.70e5	1.03	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	49.87		0.0889	49.87
152	1... PCB-190			NO	1.85	1.000	51.56		1.004		YES			0.0673	
153	1... PCB-189	4.84e5	1.02	NO	1.45	1.000	53.10	53.10	1.000	1.000	NO	48.57		0.0563	48.57
154	1... PCB-202	4.00e5	0.90	NO	1.17	1.000	48.63	48.61	1.001	1.000	NO	48.62		0.0325	48.62
155	1... PCB-201			NO	1.05	1.000	49.10		1.010		YES			0.0361	
156	1... PCB-204			NO	1.14	1.000	49.26		1.014		YES			0.0333	
157	1... PCB-197			NO	1.13	1.000	49.58		1.020		YES			0.0335	
158	1... PCB-200	3.56e5	0.90	NO	1.07	1.000	50.51	50.53	1.039	1.040	NO	47.30		0.0355	47.30
159	1... PCB-198			NO	0.794	1.000	52.08		1.072		YES			0.0478	
160	1... PCB-199			NO	0.809	1.000	52.19		1.074		YES			0.0469	
161	1... PCB-196/203	2.68e5	0.89	NO	0.838	1.000	52.52	52.51	1.081	1.081	NO	45.47		0.0453	45.47
162	1... PCB-195	3.17e5	0.91	NO	1.04	1.000	53.80	53.81	0.964	0.984	NO	50.09		0.113	50.09
163	1... PCB-194	3.10e5	0.87	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	45.83		0.106	45.83
164	1... PCB-205	3.70e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	47.35		0.0916	47.35
165	1... PCB-208	3.79e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	49.81		0.0505	49.81
166	1... PCB-207			NO	0.916	1.000	54.27		1.006		YES			0.0515	
167	1... PCB-206	2.04e5	1.31	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	47.01		0.0860	47.01
168	1... PCB-209	1.50e5	1.19	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18	41	0.0103	52.18
169	1... 13C-PCB-1	2.21e6	3.38	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	101.9	102	0.0672	
170	1... 13C-PCB-3	2.27e6	3.33	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	102.6	103	0.0859	
171	1... 13C-PCB-4	1.48e6	1.57	NO	0.600	1.000	19.52	19.53	0.765	0.785	NO	101.3	101	0.0291	
172	1... 13C-PCB-9	2.39e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	101.7	102	0.0180	
173	1... 13C-PCB-11	2.32e6	1.58	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.61	99.6	0.0182	
174	1... 13C-PCB-19	1.24e6	1.04	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	102.7	103	0.414	
175	1... 13C-PCB-32	1.82e6	1.03	NO	0.744	1.000	26.75	26.76	1.048	1.048	NO	100.7	101	0.278	
176	1... 13C-PCB-28	2.08e6	1.02	NO	1.08	1.000	28.77	28.77	1.004	1.004	NO	99.64	99.6	0.289	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	WY	RRP	w/w%	Prod RT	RT	Prod LR	RRT	Check RRT	Conc	%Rec	DI	EMPC
177	1... 13C-PCB-37	1.86e6	1.04	NO	0.989	1.000	32.75	32.77	1.143	1.143	NO	95.79	95.8	0.289	
178	1... 13C-PCB-54	1.81e6	0.80	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	101.4	101	0.0659	
179	1... 13C-PCB-52	1.29e6	0.77	NO	0.804	1.000	31.27	31.26	0.852	0.852	NO	100.5	100	0.0819	
180	1... 13C-PCB-47	1.39e6	0.78	NO	0.857	1.000	31.79	31.78	0.866	0.866	NO	102.0	102	0.0768	
181	1... 13C-PCB-70	1.59e6	0.79	NO	0.996	1.000	35.43	35.41	0.985	0.985	NO	100.3	100	0.0661	
182	1... 13C-PCB-80	1.61e6	0.78	NO	1.03	1.000	35.65	35.84	0.977	0.977	NO	98.54	98.5	0.0640	
183	1... 13C-PCB-81	1.53e6	0.78	NO	0.988	1.000	39.06	39.04	1.064	1.064	NO	97.41	97.4	0.0666	
184	1... 13C-PCB-77	1.50e6	0.79	NO	0.989	1.000	39.68	39.66	1.061	1.061	NO	97.40	97.4	0.0660	
185	1... 13C-PCB-104	1.11e6	1.63	NO	1.02	1.000	32.47	32.46	0.827	0.827	NO	100.9	101	0.0381	
186	1... 13C-PCB-95	8.62e5	1.64	NO	0.805	1.000	35.72	35.73	0.910	0.910	NO	99.28	99.3	0.0481	
187	1... 13C-PCB-101	8.44e5	1.64	NO	0.793	1.000	37.48	37.46	0.954	0.954	NO	98.77	98.8	0.0489	
188	1... 13C-PCB-97	7.45e5	1.65	NO	0.696	1.000	38.82	38.62	0.989	0.989	NO	99.17	99.2	0.0557	
189	1... 13C-PCB-123	1.01e6	1.67	NO	0.933	1.000	41.46	41.46	1.056	1.056	NO	99.89	99.9	0.0416	
190	1... 13C-PCB-118	1.03e6	1.62	NO	0.986	1.000	41.85	41.85	1.061	1.061	NO	97.34	97.3	0.0393	
191	1... 13C-PCB-114	1.25e6	1.55	NO	1.55	1.000	42.32	42.32	0.908	0.908	NO	94.22	94.2	0.0809	
192	1... 13C-PCB-105	1.28e6	1.56	NO	1.57	1.000	43.21	43.21	0.927	0.927	NO	95.20	95.2	0.0796	
193	1... 13C-PCB-127	1.30e6	1.56	NO	1.62	1.000	43.56	43.55	0.934	0.934	NO	93.64	93.6	0.0770	
194	1... 13C-PCB-126	1.25e6	1.58	NO	1.57	1.000	45.53	45.52	0.976	0.976	NO	93.40	93.4	0.0798	
195	1... 13C-PCB-155	6.87e5	1.29	NO	0.615	1.000	37.00	37.00	0.942	0.942	NO	103.6	104	0.0326	
196	1... 13C-PCB-153	1.15e6	1.24	NO	1.36	1.000	43.37	43.38	0.930	0.931	NO	98.32	98.3	0.0878	
197	1... 13C-PCB-141	9.61e5	1.27	NO	1.13	1.000	44.14	44.14	0.947	0.947	NO	99.66	99.7	0.106	
198	1... 13C-PCB-138	9.99e5	1.26	NO	1.18	1.000	45.01	45.01	0.985	0.985	NO	96.63	96.6	0.101	
199	1... 13C-PCB-159	1.21e6	1.26	NO	1.44	1.000	46.33	46.34	0.994	0.994	NO	98.13	98.1	0.0832	
200	2... 13C-PCB-167	1.20e6	1.28	NO	1.44	1.000	47.04	47.04	1.009	1.009	NO	97.25	97.3	0.0832	
201	2... 13C-PCB-156	1.14e6	1.27	NO	1.40	1.000	46.39	46.37	1.038	1.037	NO	95.71	95.7	0.0858	
202	2... 13C-PCB-157	1.14e6	1.27	NO	1.40	1.000	46.65	46.65	1.043	1.043	NO	95.86	95.9	0.0858	
203	2... 13C-PCB-169	1.08e6	1.26	NO	1.33	1.000	50.93	50.92	1.092	1.092	NO	95.29	95.3	0.0900	
204	2... 13C-PCB-188	9.50e5	0.45	NO	1.41	1.000	42.99	43.00	0.926	0.926	NO	100.3	100	0.0865	
205	2... 13C-PCB-180	6.20e5	0.44	NO	0.929	1.000	49.69	49.69	1.070	1.070	NO	99.28	99.3	0.131	
206	2... 13C-PCB-170	5.29e5	0.46	NO	0.794	1.000	51.36	51.38	1.106	1.106	NO	99.16	99.2	0.153	
207	2... 13C-PCB-189	6.86e5	0.46	NO	1.04	1.000	53.06	53.08	1.143	1.143	NO	97.68	97.7	0.117	
208	2... 13C-PCB-202	7.04e5	0.93	NO	1.04	1.000	48.59	48.59	1.046	1.047	NO	101.1	101	0.0796	
209	2... 13C-PCB-194	6.06e5	0.91	NO	0.768	1.000	54.72	54.70	0.995	0.995	NO	99.49	99.5	0.195	
210	2... 13C-PCB-208	6.16e5	0.77	NO	0.991	1.000	53.94	53.94	0.981	0.981	NO	103.8	104	0.137	
211	2... 13C-PCB-206	4.31e5	0.78	NO	0.552	1.000	56.24	56.24	1.023	1.023	NO	98.29	98.3	0.246	
212	2... 13C-PCB-209	2.91e5	1.17	NO	0.396	1.000	57.49	57.48	1.046	1.046	NO	92.65	92.6	0.0202	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	Hy	RFP	wAve	Prod RT	RT	Prod R...	RRT	Check RRT	Comp	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.43e6	1.56	NO	1.00	1.000	25.53	25.53	1.000	0.000	NO	100.0	100	0.0175	
214	2... 13C-PCB-31	1.96e6	1.05	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.286	
215	2... 13C-PCB-60	1.59e6	0.78	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0658	
216	2... 13C-PCB-111	1.08e6	1.65	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0388	
217	2... 13C-PCB-128	8.55e5	1.27	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.120	
218	2... 13C-PCB-182	6.72e5	0.47	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	2... 13C-PCB-205	7.94e5	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.149	
220	2... 13C-PCB-79	1.70e6	0.78	NO	1.07	1.000	37.60	37.78	1.030	1.029	NO	100.0	100	0.0616	
221	2... 13C-PCB-178	6.89e5	0.44	NO	0.766	1.000	45.89	45.88	0.988	0.988	NO	105.2	105	0.128	
222	2... 13C-PCB-79	1.70e6	0.78	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	102.7	103	0.0641	
223	2... 13C-PCB-178	6.89e5	0.44	NO	1.05	1.000	45.87	45.88	0.923	0.923	NO	105.8	106	0.131	

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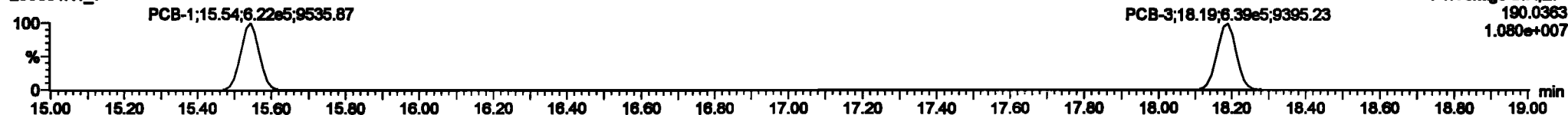
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PCB-1

200601K1_7



200601K1_7



13C-PCB-1

200601K1_7

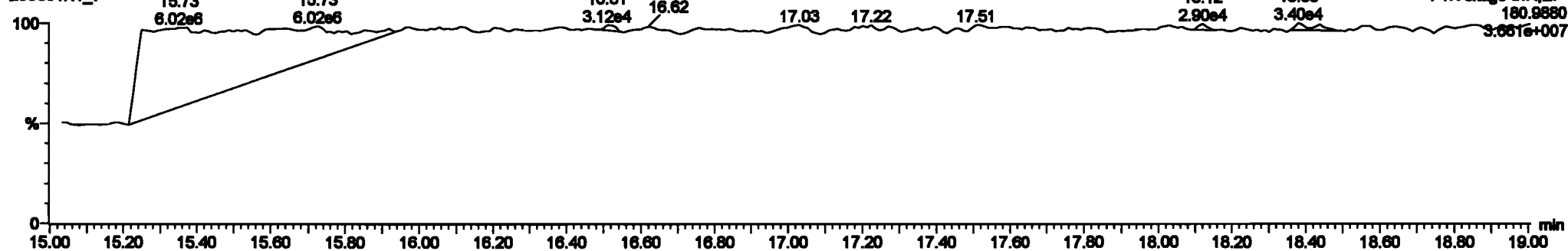


200601K1_7



PFK1

200601K1_7

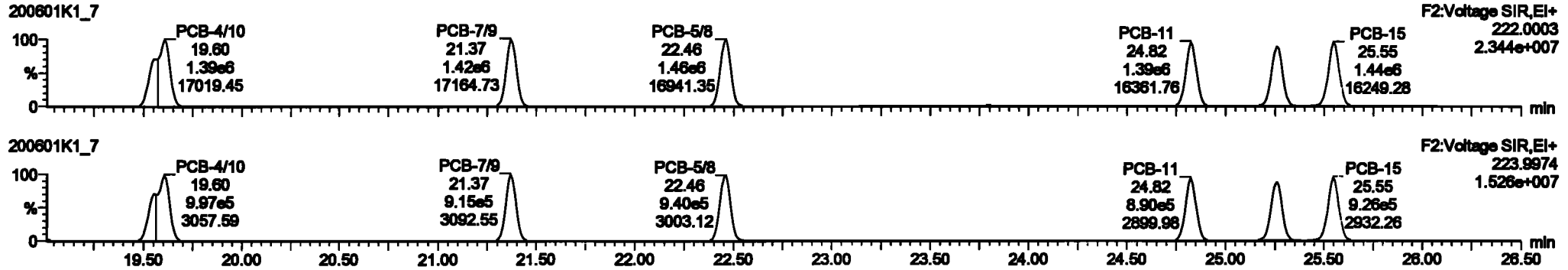


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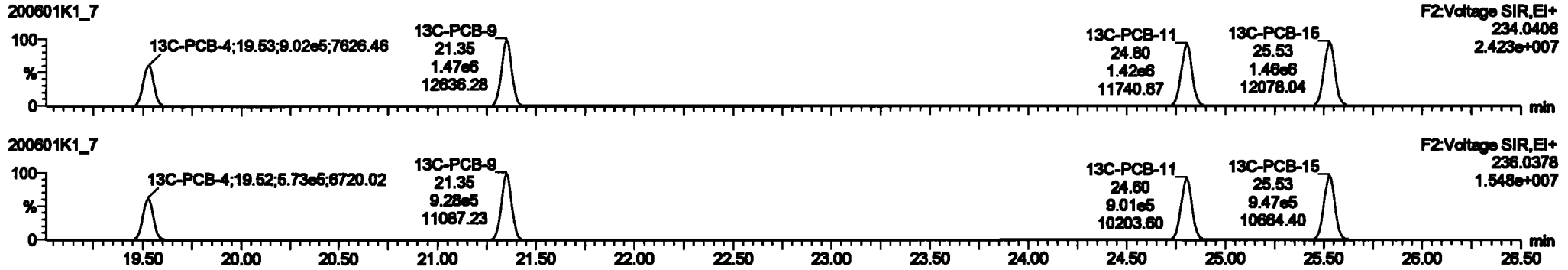
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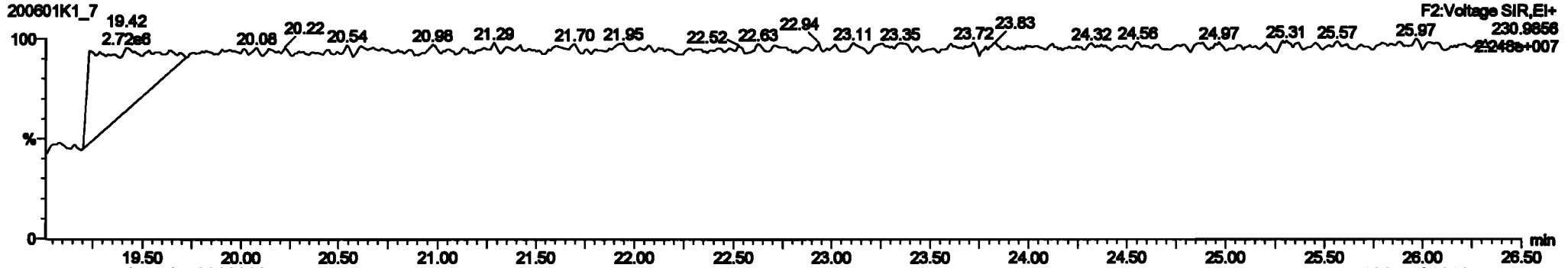
PCB-4/10



13C-PCB-4



PFK2a



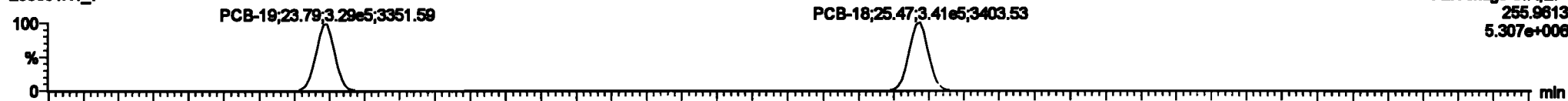
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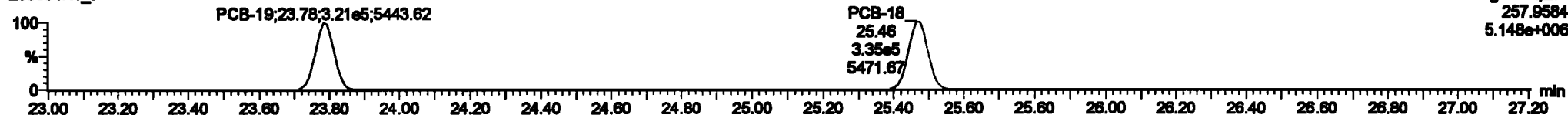
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PCB-19

200601K1_7



200601K1_7



13C-PCB-19

200601K1_7

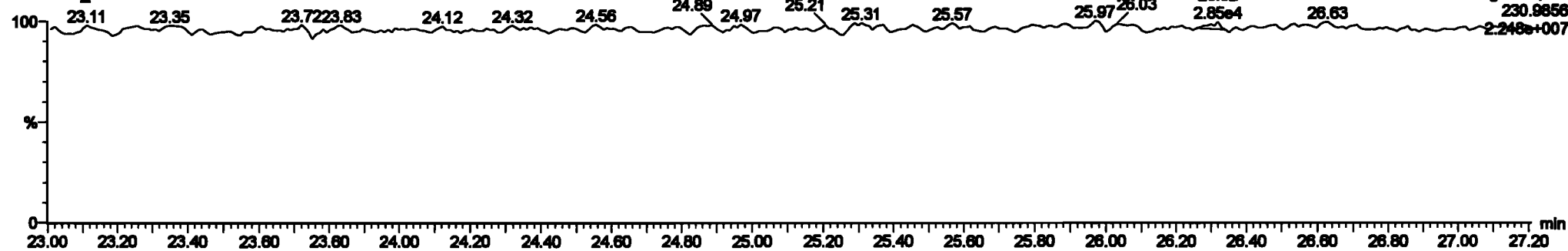


200601K1_7



PFK2b

200601K1_7



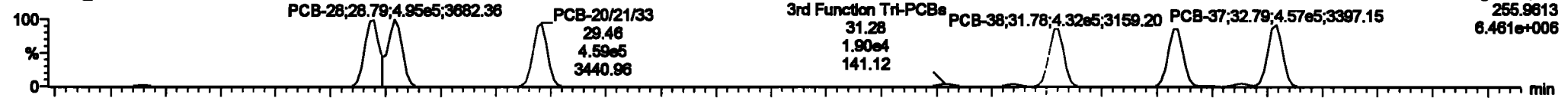
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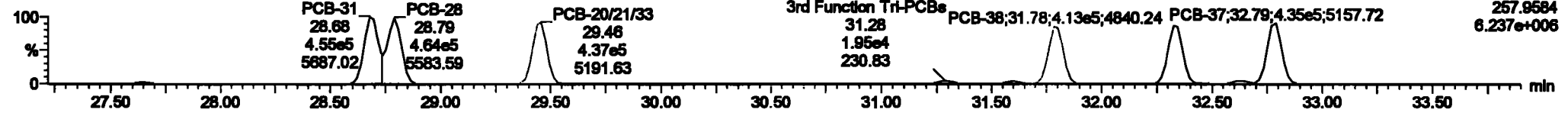
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PCB-34

200601K1_7



200601K1_7

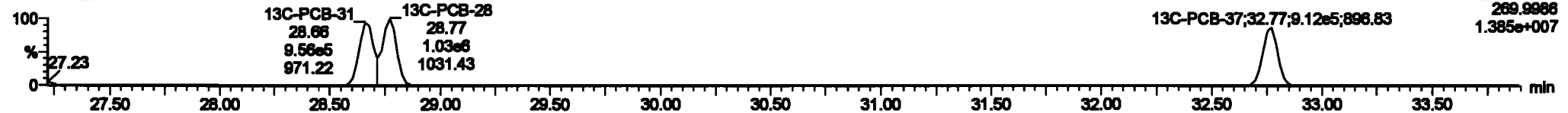


13C-PCB-28

200601K1_7

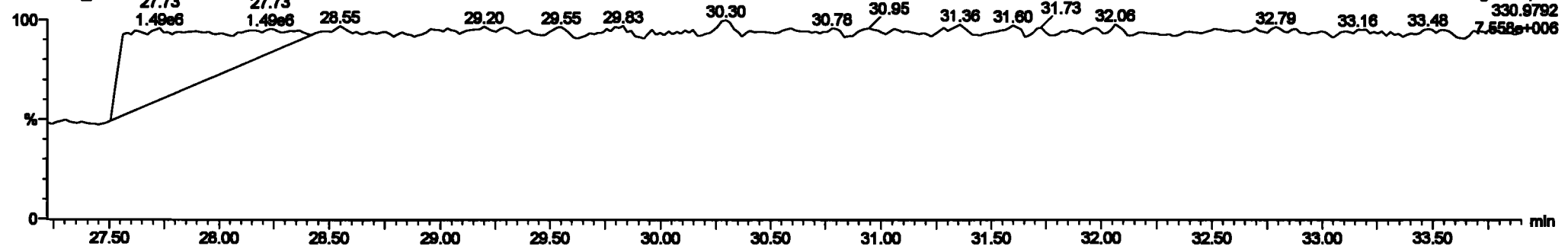


200601K1_7



PFK3d

200601K1_7

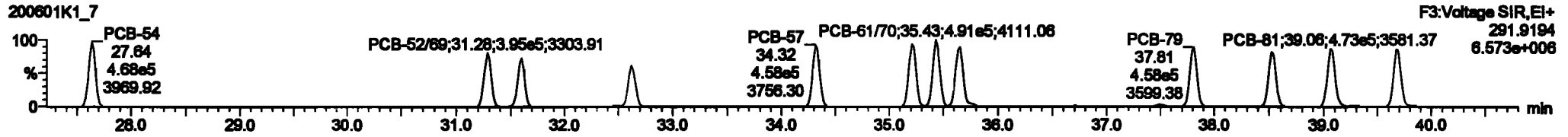
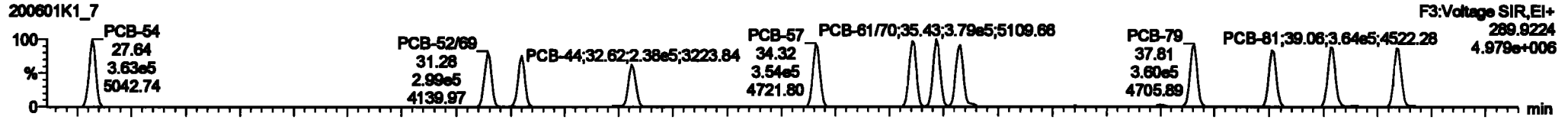


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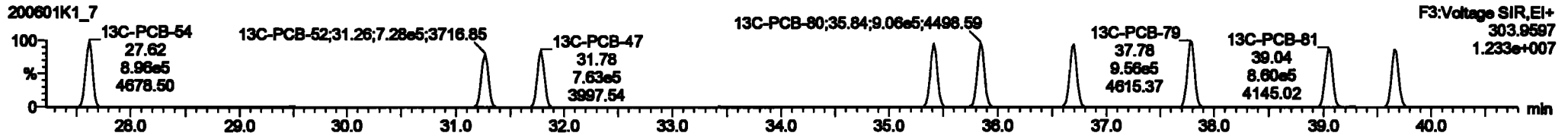
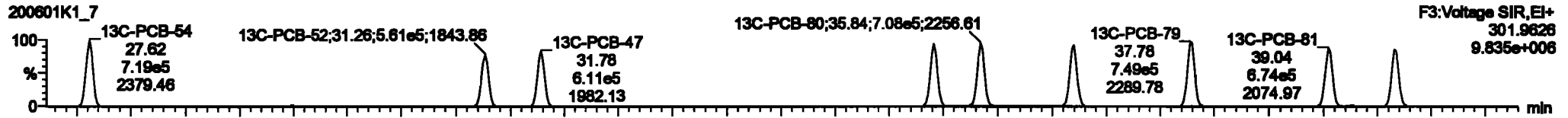
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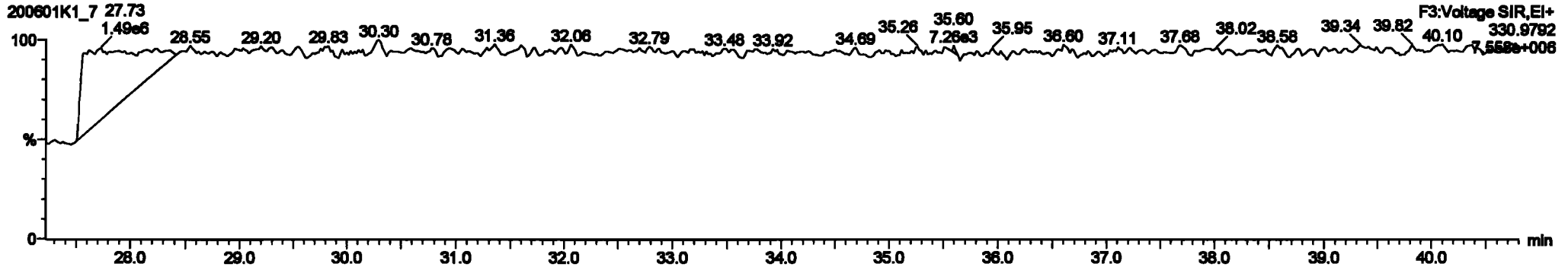
PCB-54



13C-PCB-54



PFK3a



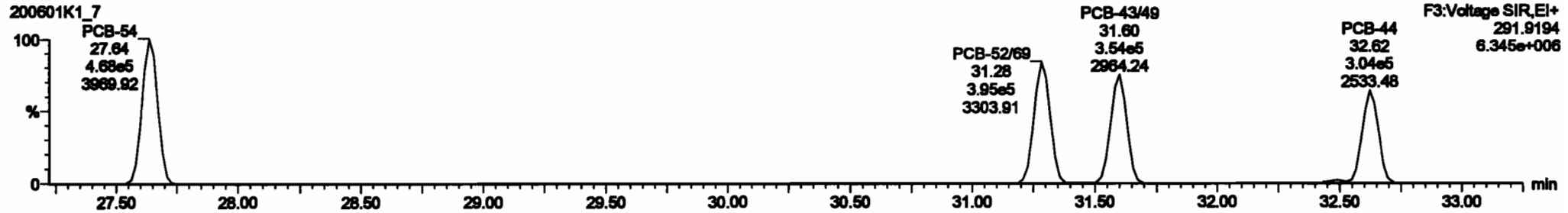
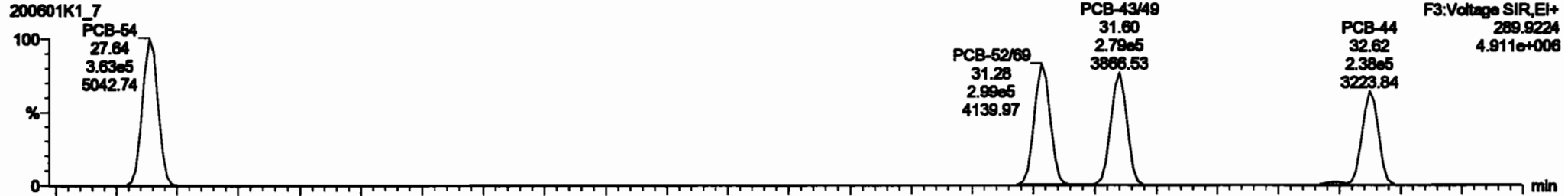
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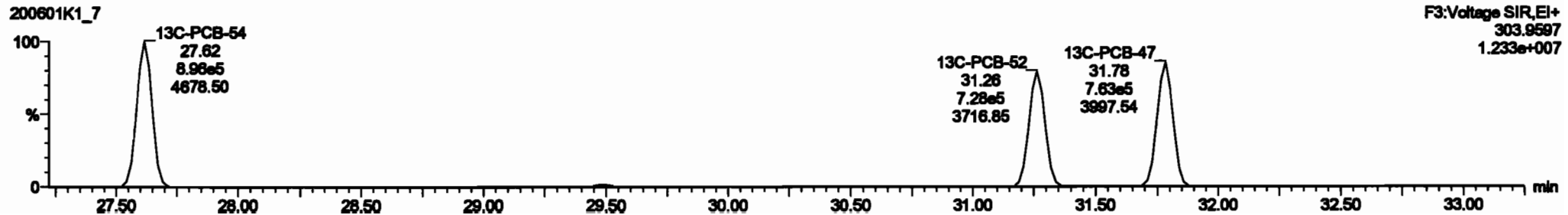
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PCB-50



13C-PCB-52



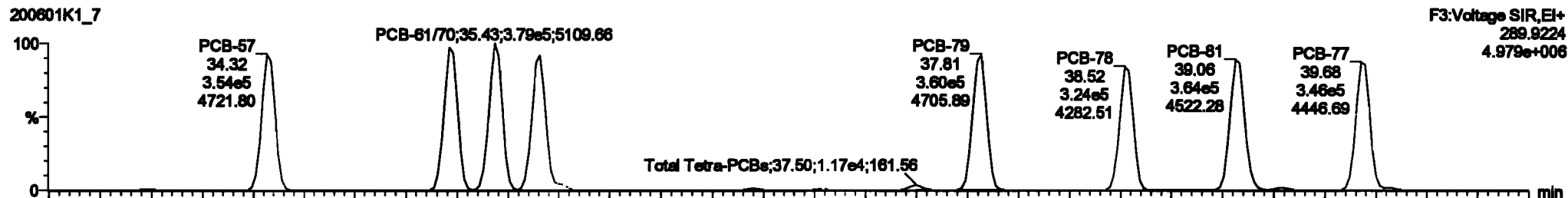
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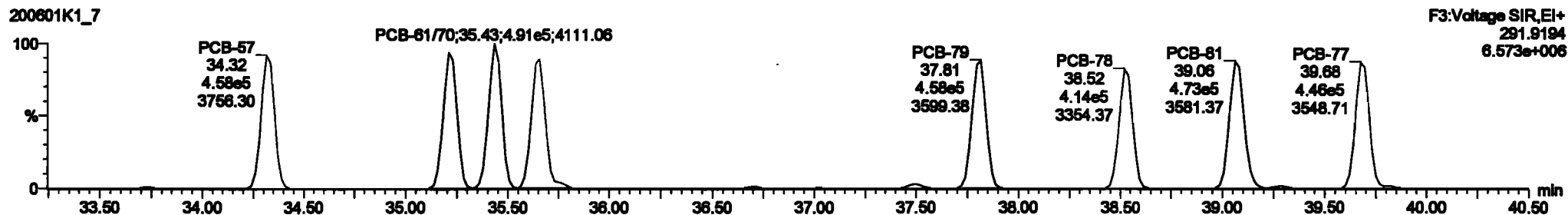
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PCB-68

200601K1_7

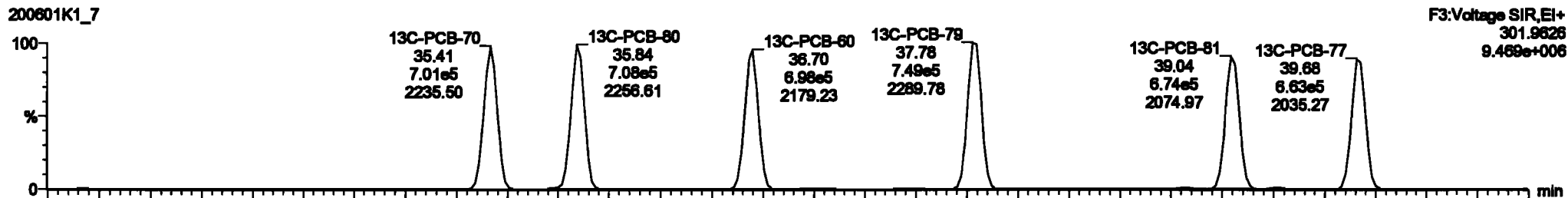


200601K1_7

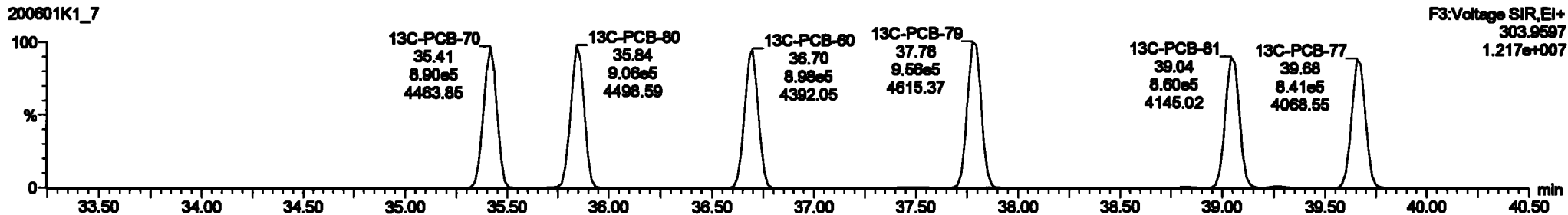


13C-PCB-60

200601K1_7



200601K1_7



#	Name	Step	BA	Qty	PreP	Reel	Prod.RT	RT	PreP.R.	RT	PreP.Pd	Comp.	DL	QTY
217	13C-PCB-138	0.88in	1.27	NO	1.0000	1.000	45.60	48.63	1.000	0.000	NO	100.0	100	0.120
218	13C-PCB-182	0.72in	0.47	NO	1.0000	1.000	45.43	48.43	0.000	0.000	NO	100.0	100	0.122
219	13C-PCB-205	7.84in	0.90	NO	1.0000	1.000	54.95	54.95	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-78	1.70in	0.70	NO	1.0000	1.000	37.80	37.70	1.000	1.000	NO	100.0	100	0.0815
221	13C-PCB-178	0.88in	0.44	NO	0.7000	1.000	45.80	45.80	0.000	0.000	NO	100.0	100	0.128
222	13C-PCB-78	1.70in	0.70	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.7	100	0.0841
223	13C-PCB-178	0.88in	0.44	NO	1.0000	1.000	45.87	45.88	0.000	0.000	NO	100.0	100	0.131
224	Total Micro-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.0281 100.0
225	Total D-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	000.0		0.280 000.0
226	2nd Function TAPCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	00.70		0.110 00.70
227	2nd Function TAPCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	200.4		0.311 200.4
228	Total PCBs				4.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.800 100.0

#	Name	Prod.RT	RT	Lot Range	Lot Range	SP Ratio (Prod)	BA	Qty	QTY	Comp.
1	PCB-64	27.04	27.04	3.820in	4.880in	0.770	0.70	NO	47.874	47.874
2	PCB-6800	31.30	31.30	2.805in	3.891in	0.770	0.70	NO	48.220	48.220
3	PCB-4398	31.80	31.80	2.700in	3.520in	0.770	0.70	NO	48.317	48.317
4	PCB-44	32.80	32.80	2.570in	3.043in	0.770	0.70	NO	47.188	47.188
5	PCB-67	34.30	34.30	3.880in	4.977in	0.770	0.77	NO	43.838	43.838
6	PCB-74	35.20	35.21	3.730in	4.720in	0.770	0.70	NO	45.000	45.000
7	PCB-8180	35.43	35.43	3.700in	4.880in	0.770	0.77	NO	51.834	51.834
8	PCB-7088	35.62	35.60	3.891in	4.830in	0.770	0.70	NO	44.671	44.671



Dataset: Untitled

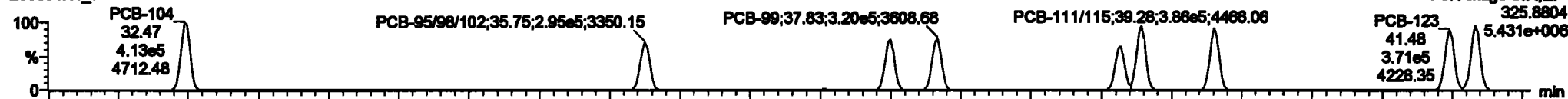
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

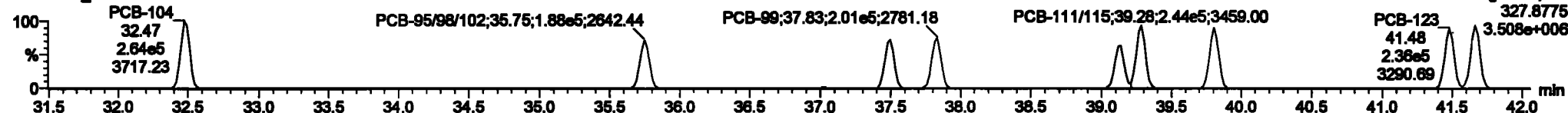
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PCB-104

200601K1_7

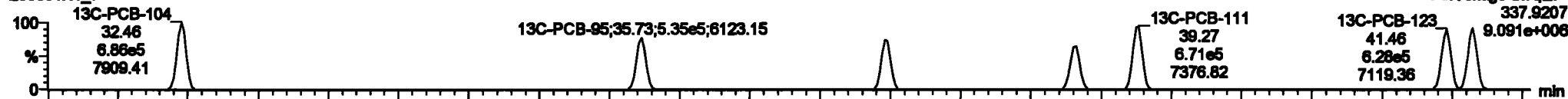


200601K1_7

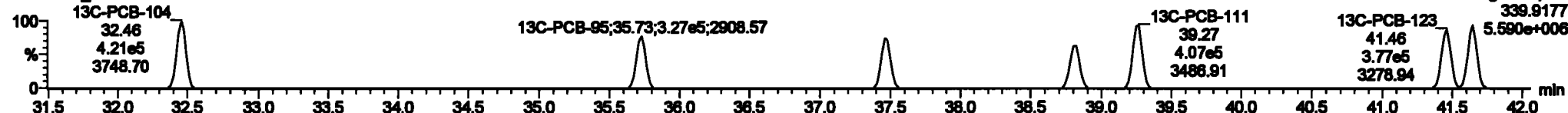


13C-PCB-104

200601K1_7

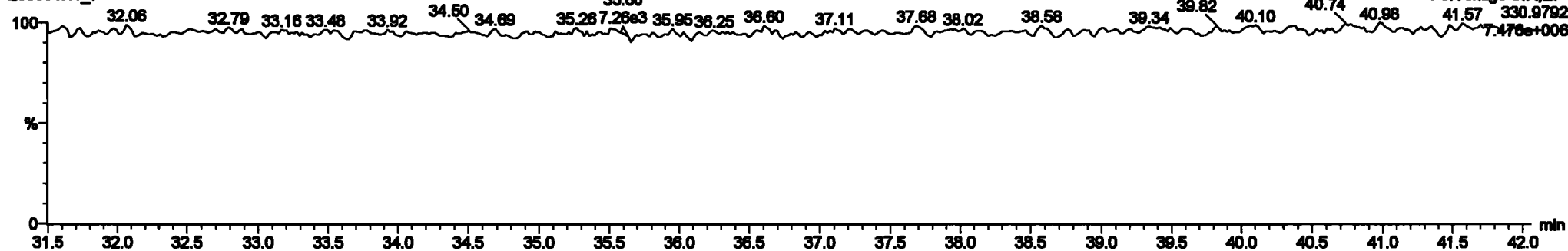


200601K1_7



PFK3b

200601K1_7



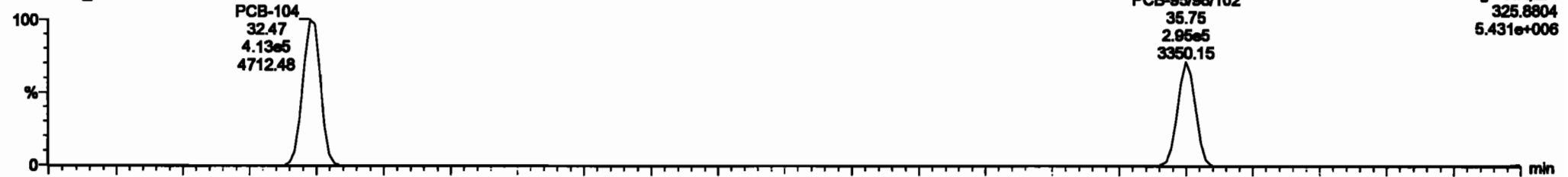
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

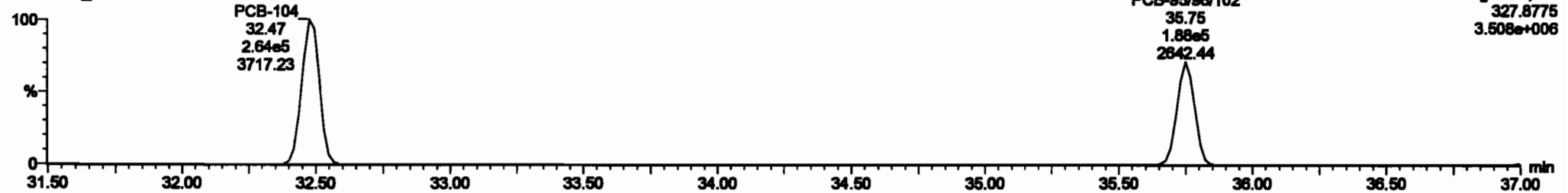
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PCB-96

200601K1_7

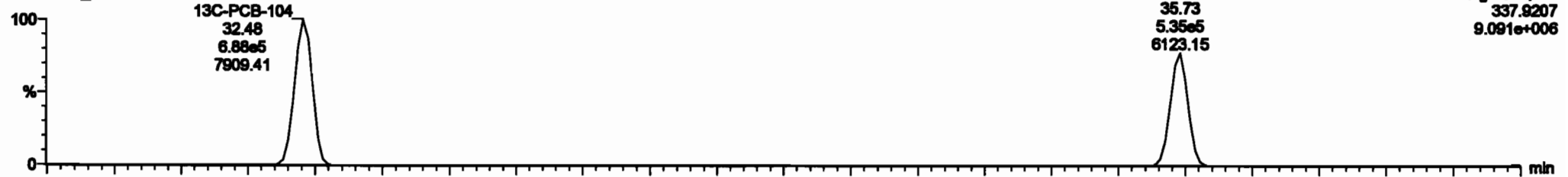


200601K1_7

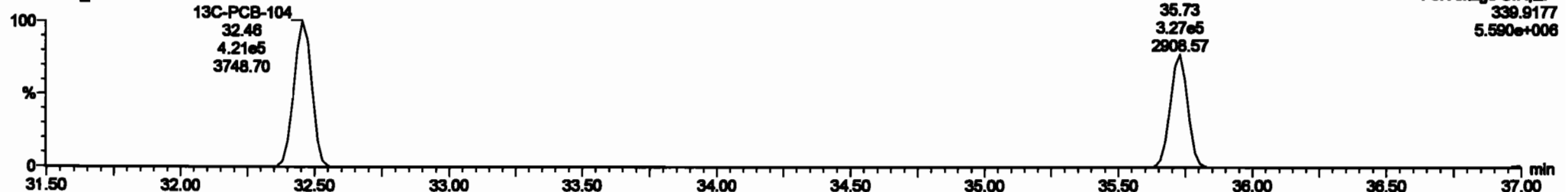


13C-PCB-95

200601K1_7



200601K1_7



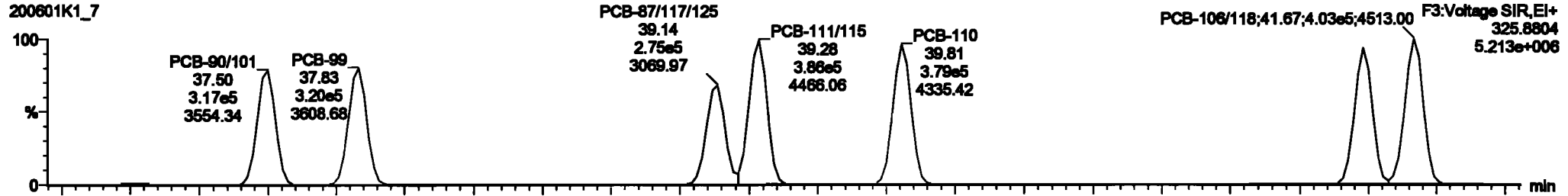
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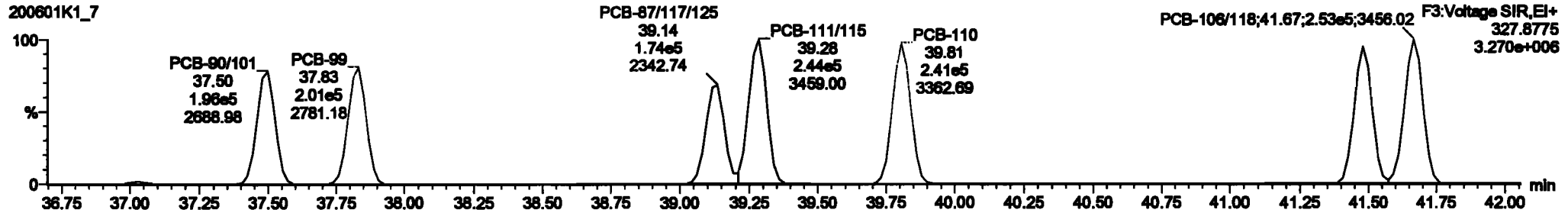
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PCB-119

200601K1_7

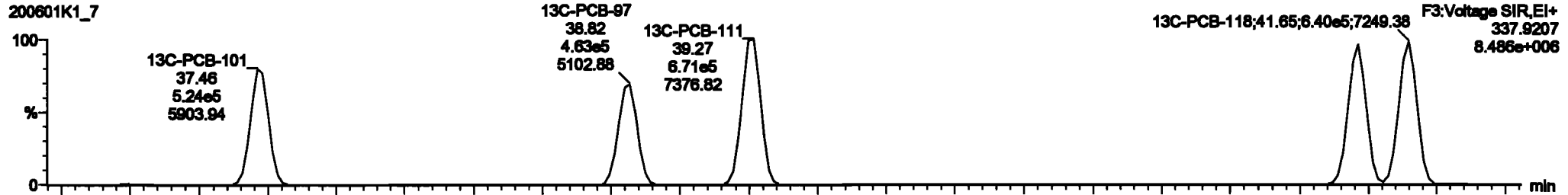


200601K1_7

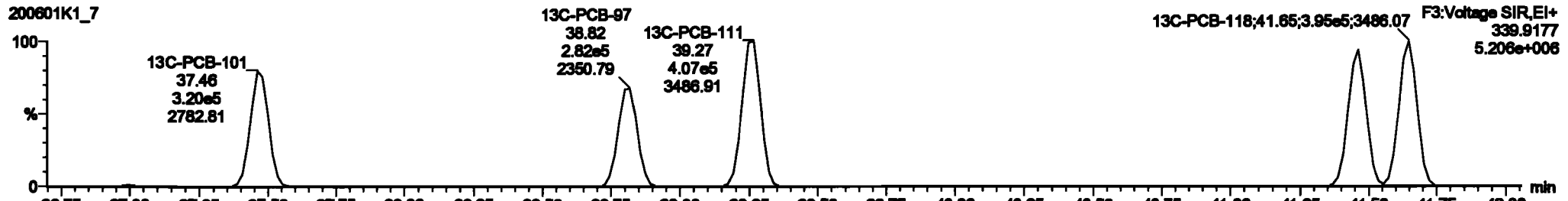


13C-PCB-111

200601K1_7



200601K1_7



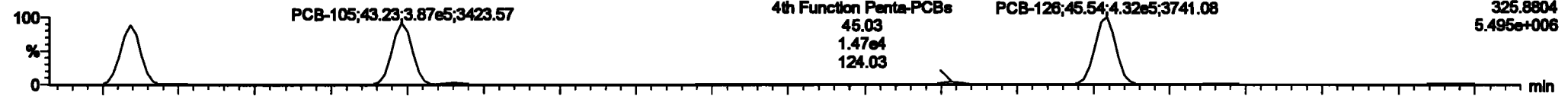
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

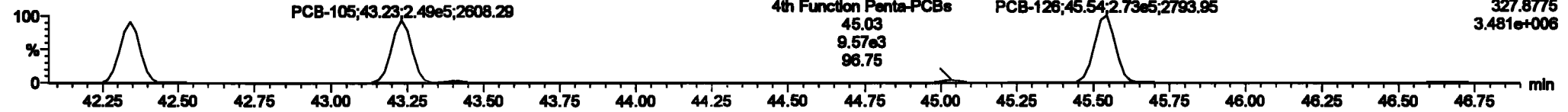
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PCB-114

200601K1_7

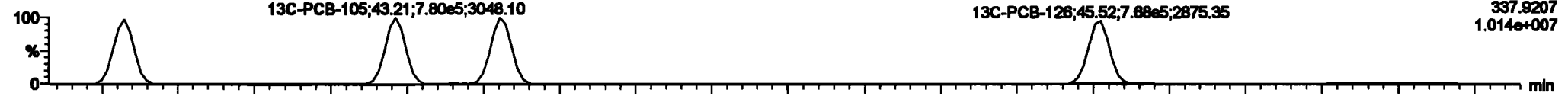


200601K1_7

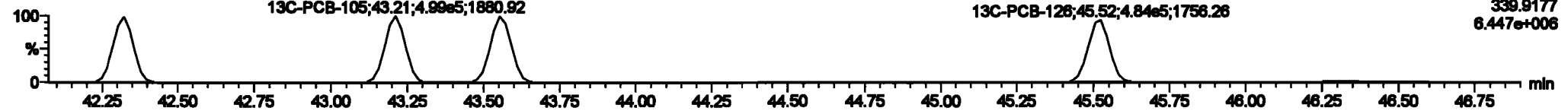


13C-PCB-114

200601K1_7

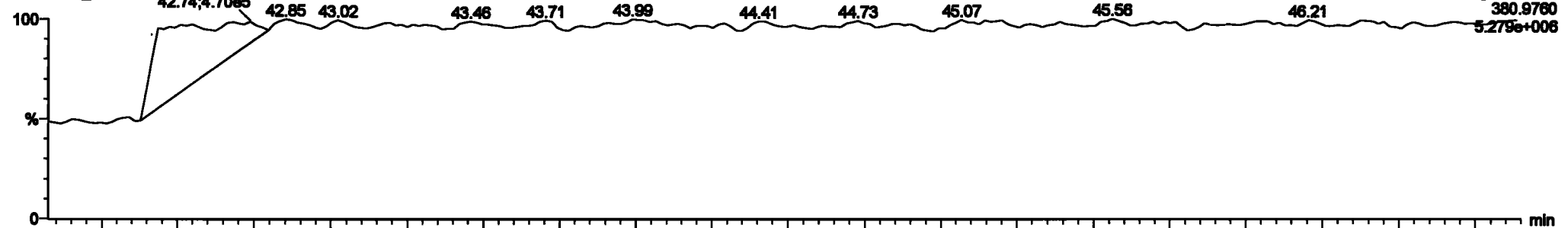


200601K1_7



PFK4a

200601K1_7



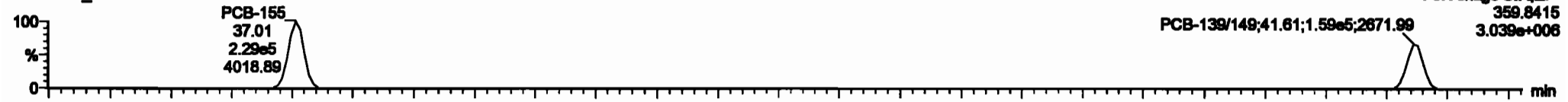
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

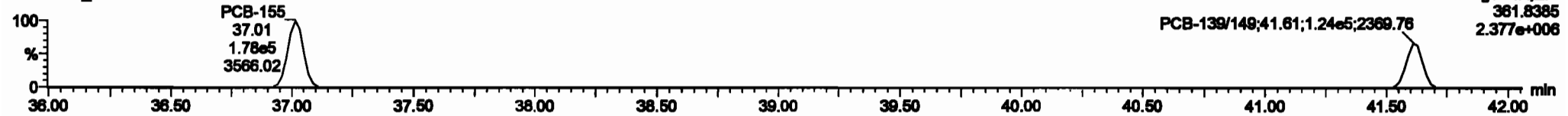
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PCB-155

200601K1_7

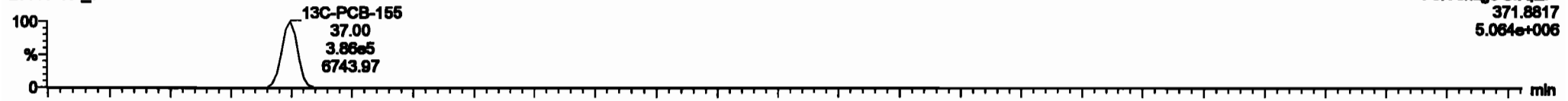


200601K1_7

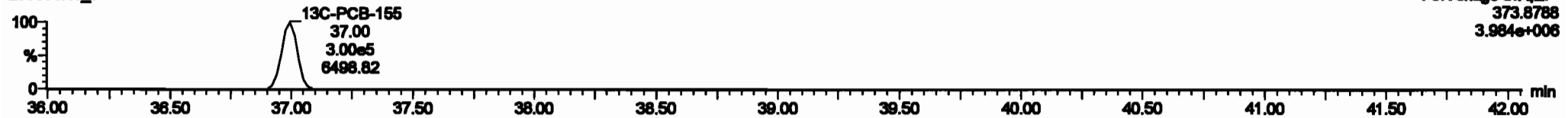


13C-PCB-155

200601K1_7

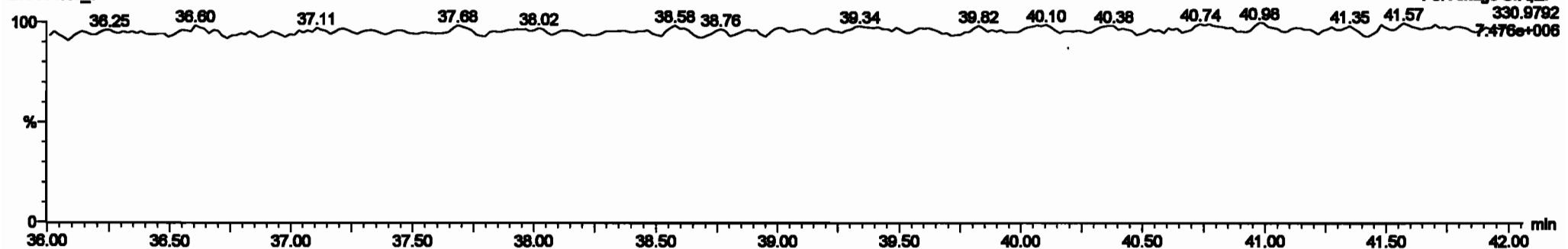


200601K1_7



PFK3c

200601K1_7

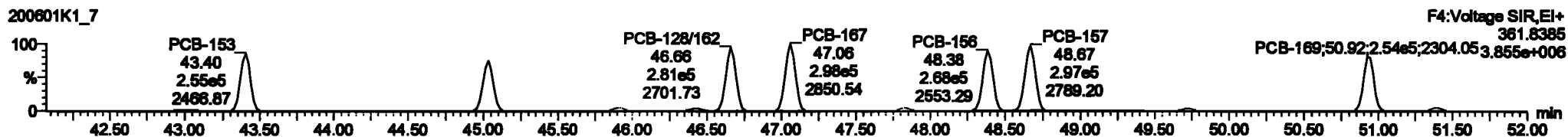
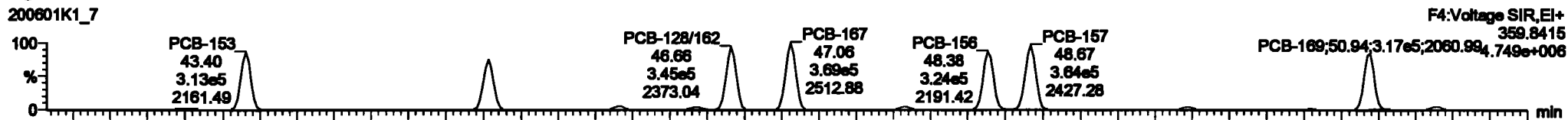


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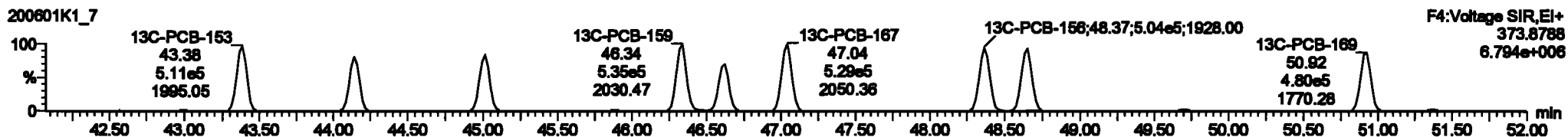
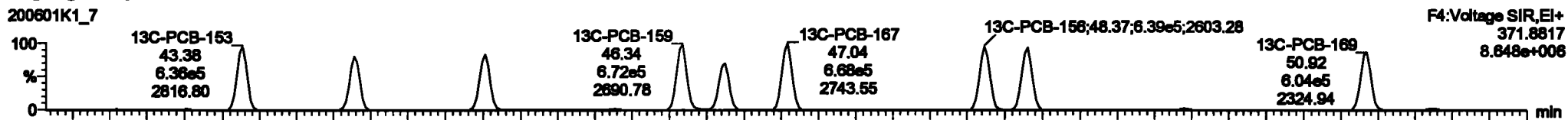
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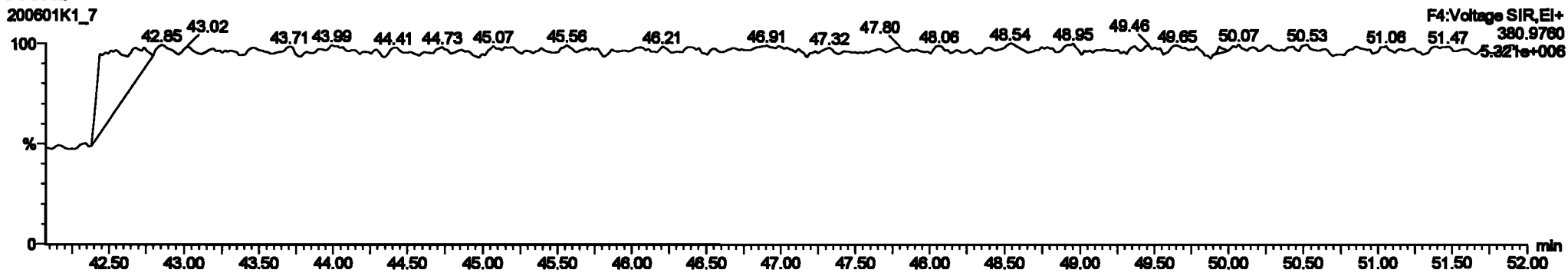
PCB-134/143



13C-PCB-153



PFK4b

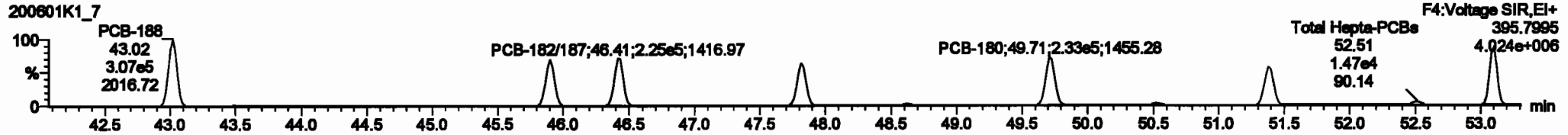
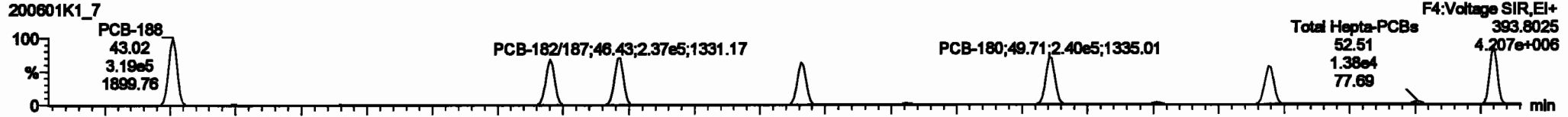


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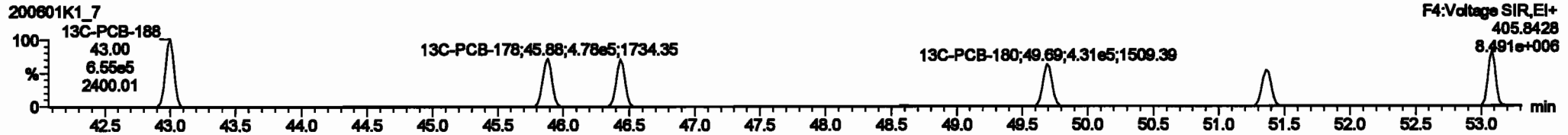
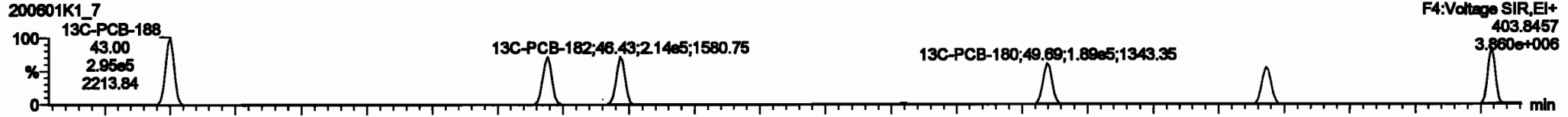
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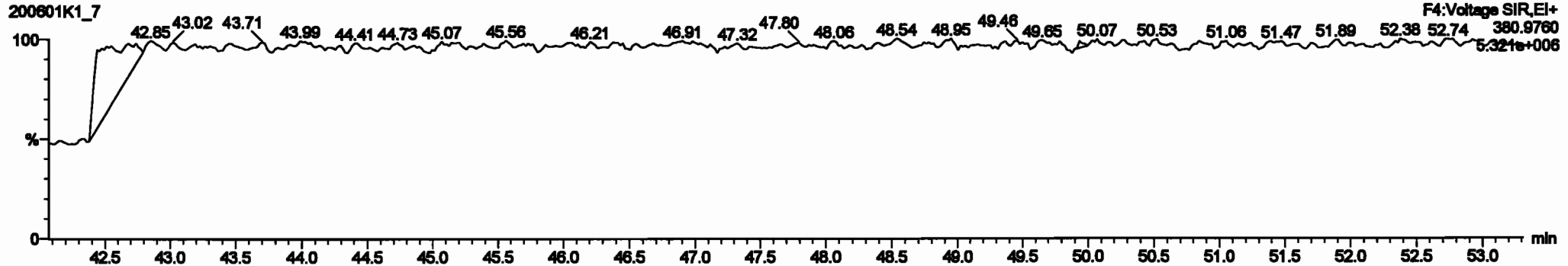
PCB-188



13C-PCB-188



PFK4c



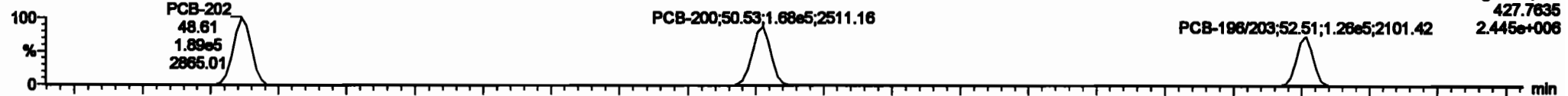
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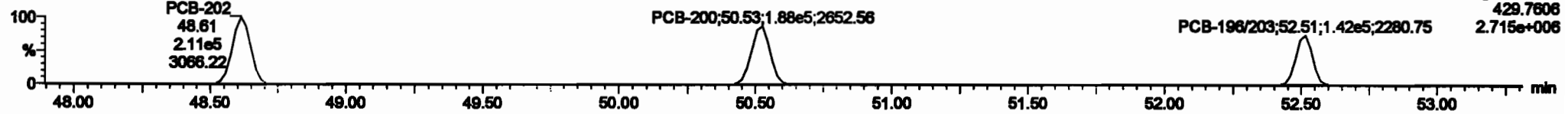
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PCB-202

200601K1_7

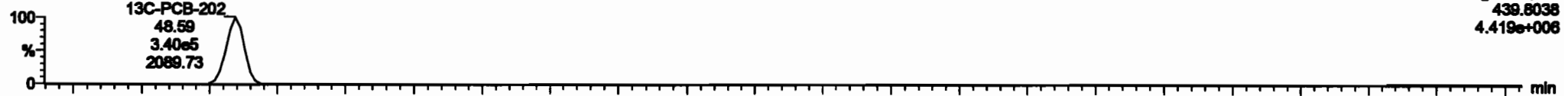


200601K1_7

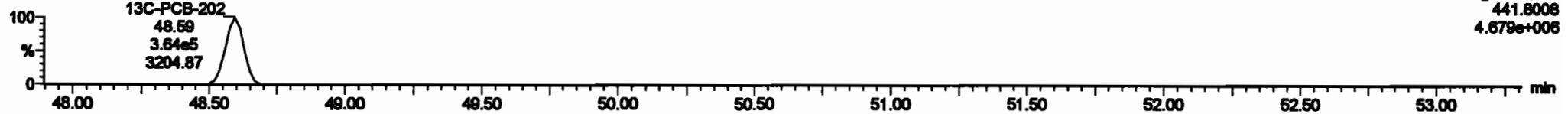


13C-PCB-202

200601K1_7

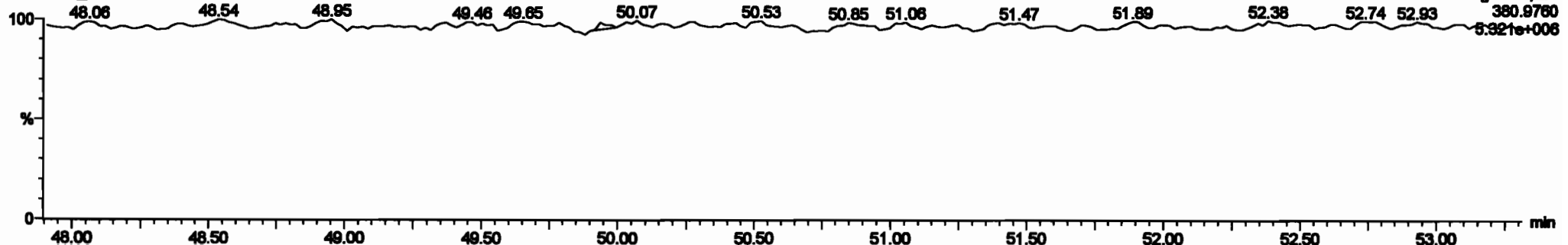


200601K1_7



PFK4d

200601K1_7



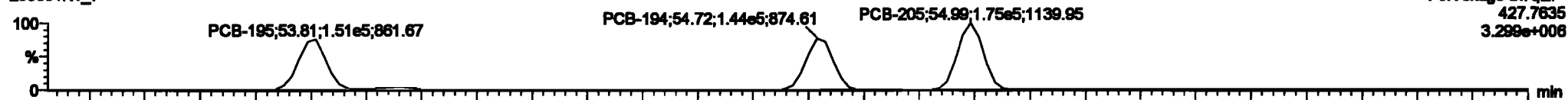
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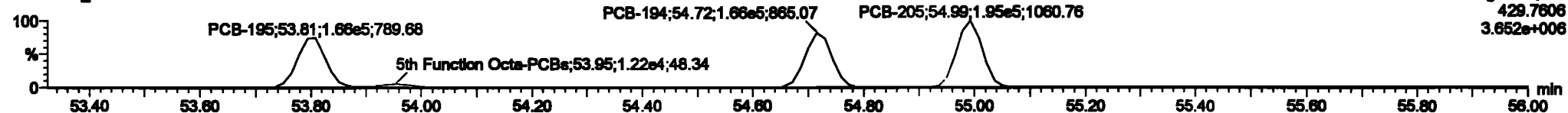
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PCB-195

200601K1_7

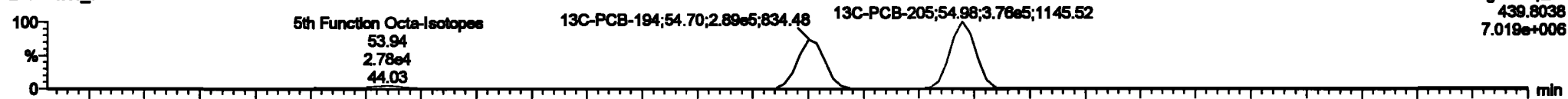


200601K1_7

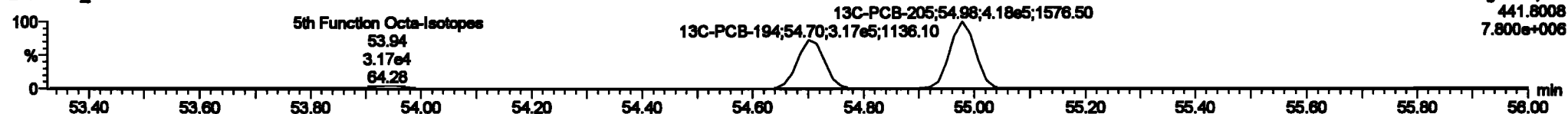


13C-PCB-194

200601K1_7

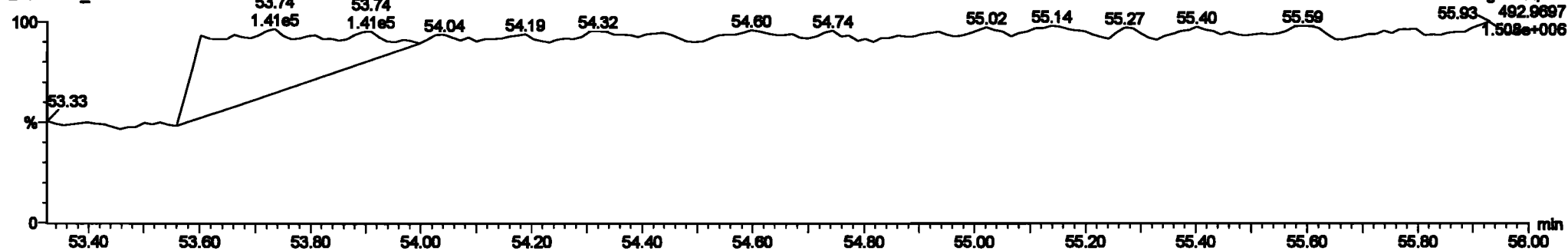


200601K1_7



PFK5a

200601K1_7



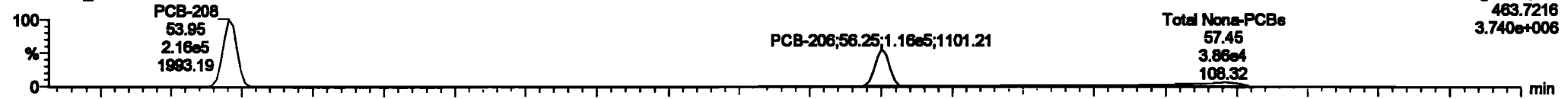
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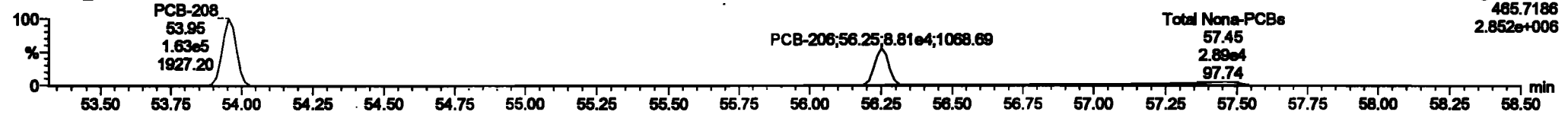
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PCB-208

200601K1_7

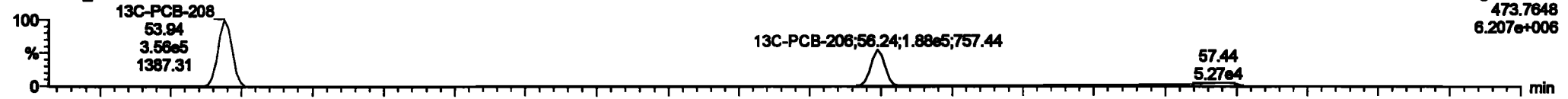


200601K1_7

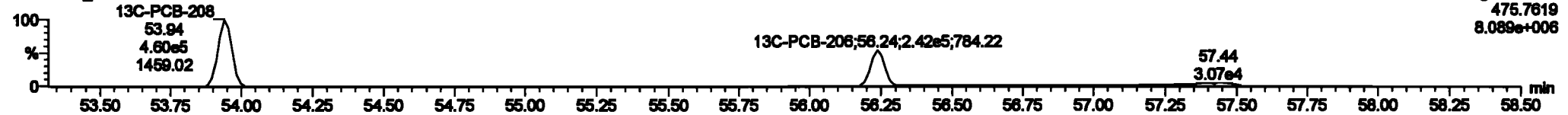


13C-PCB-208

200601K1_7

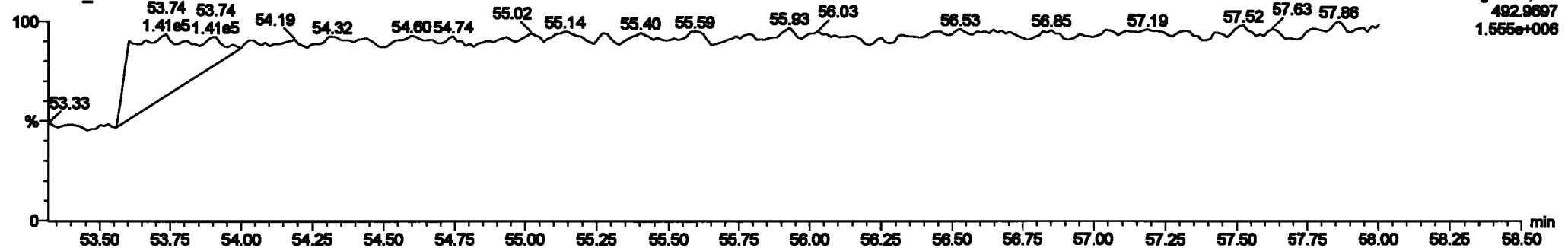


200601K1_7



PFK5

200601K1_7



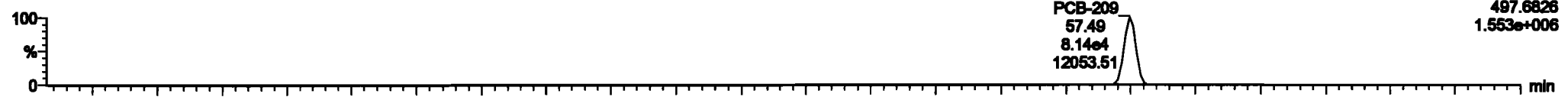
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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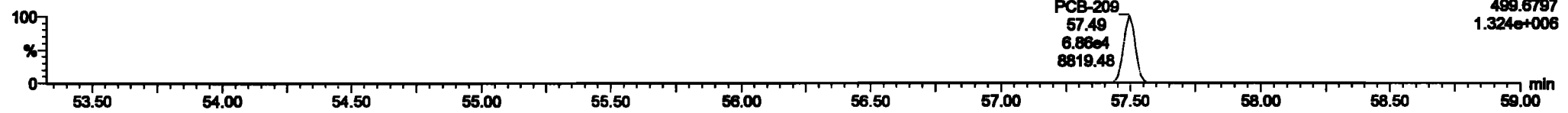
PCB-209

200601K1_7



F5:Voltage SIR,EI+
497.6826
1.553e+006

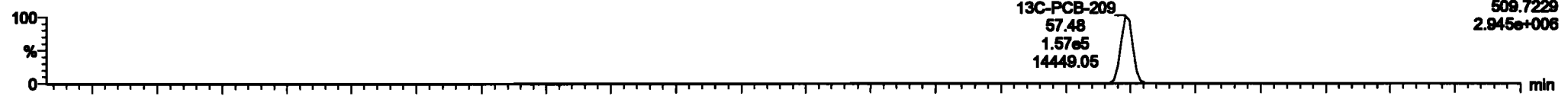
200601K1_7



F5:Voltage SIR,EI+
498.6797
1.324e+006

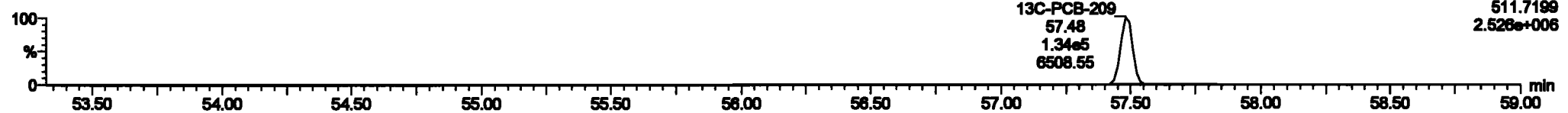
13C-PCB-209

200601K1_7



F5:Voltage SIR,EI+
509.7229
2.945e+006

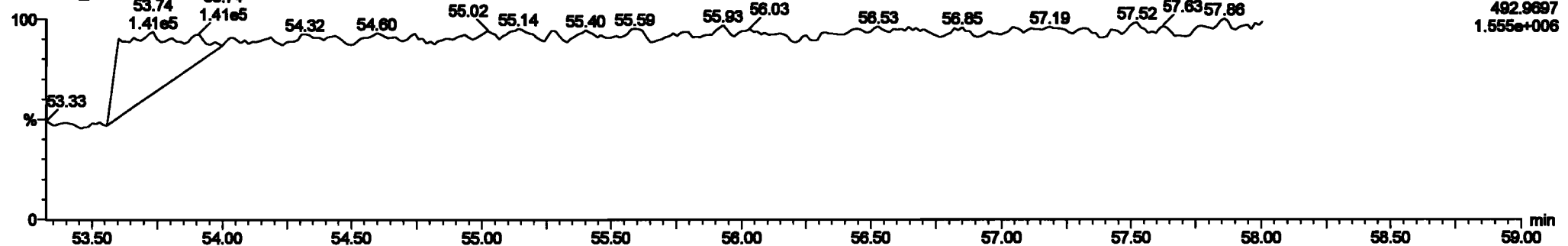
200601K1_7



F5:Voltage SIR,EI+
511.7199
2.526e+006

PFK5b

200601K1_7



F5:Voltage SIR,EI+
492.9697
1.555e+006