



May 17, 2021

Vista Work Order No. 2104131

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 April 14, 2021 under your Project Name 'Gascosiltronic: US Moorings'.

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,

for

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. 2104131

Case Narrative

Sample Condition on Receipt:

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

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 each preparation batch. No analytes were detected in the Method Blanks. 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

The sample was extracted and analyzed for 209 PCB congeners by EPA Method 1668A using a ZB-1 GC column.

Holding Times

The sample was 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 limit 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
2104131-01	USMPDI-005SG-210412	12-Apr-21 14:19	14-Apr-21 09:40	Amber Glass, 250mL
2104131-02	USMPDI-017SG-210412	12-Apr-21 11:16	14-Apr-21 09:40	Amber Glass, 250mL
2104131-03	USMPDI-02SG-210412	12-Apr-21 12:00	14-Apr-21 09:40	Amber Glass, 250mL

ANALYTICAL RESULTS

Sample ID: Method Blank					EPA Method 1613B				
Matrix: Solid Sample Size: 10.0 g		QC Batch: B1D0125 Date Extracted: 18-Apr-2021 12:47		Lab Sample: B1D0125-BLK1 Date Analyzed: 22-Apr-21 01:32 Column: ZB-DIOXIN					
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers	
2,3,7,8-TCDD	ND	0.0532			IS 13C-2,3,7,8-TCDD	89.5	25 - 164		
1,2,3,7,8-PeCDD	ND	0.248			13C-1,2,3,7,8-PeCDD	75.8	25 - 181		
1,2,3,4,7,8-HxCDD	ND	0.125			13C-1,2,3,4,7,8-HxCDD	83.2	32 - 141		
1,2,3,6,7,8-HxCDD	ND	0.127			13C-1,2,3,6,7,8-HxCDD	84.7	28 - 130		
1,2,3,7,8,9-HxCDD	ND	0.124			13C-1,2,3,7,8,9-HxCDD	81.7	32 - 141		
1,2,3,4,6,7,8-HpCDD	ND	0.0710			13C-1,2,3,4,6,7,8-HpCDD	93.8	23 - 140		
OCDD	ND	0.171			13C-OCDD	69.7	17 - 157		
2,3,7,8-TCDF	ND	0.0396			13C-2,3,7,8-TCDF	117	24 - 169		
1,2,3,7,8-PeCDF	ND	0.0927			13C-1,2,3,7,8-PeCDF	102	24 - 185		
2,3,4,7,8-PeCDF	ND	0.0805			13C-2,3,4,7,8-PeCDF	101	21 - 178		
1,2,3,4,7,8-HxCDF	ND	0.0678			13C-1,2,3,4,7,8-HxCDF	92.0	26 - 152		
1,2,3,6,7,8-HxCDF	ND	0.0493			13C-1,2,3,6,7,8-HxCDF	112	26 - 123		
2,3,4,6,7,8-HxCDF	ND	0.0757			13C-2,3,4,6,7,8-HxCDF	89.9	28 - 136		
1,2,3,7,8,9-HxCDF	ND	0.107			13C-1,2,3,7,8,9-HxCDF	80.0	29 - 147		
1,2,3,4,6,7,8-HpCDF	ND	0.0819			13C-1,2,3,4,6,7,8-HpCDF	79.4	28 - 143		
1,2,3,4,7,8,9-HpCDF	ND	0.0857			13C-1,2,3,4,7,8,9-HpCDF	82.1	26 - 138		
OCDF	ND	0.0961			13C-OCDF	70.4	17 - 157		
					CRS 37Cl-2,3,7,8-TCDD	114	35 - 197		
					Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)				
					TEQMinWHO2005Dioxin		0.00		
TOTALS									
Total TCDD	ND	0.0532							
Total PeCDD	ND	0.248							
Total HxCDD	ND	0.127							
Total HpCDD	ND	0.0710							
Total TCDF	ND	0.0396							
Total PeCDF	ND	0.0927							
Total HxCDF	ND	0.107							
Total HpCDF	ND	0.0857							

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL- Lower control limit - upper control limit

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

Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: OPR					EPA Method 1613B		
Matrix: Solid Sample Size: 10.0 g		QC Batch: B1D0125 Date Extracted: 18-Apr-2021 12:47		Lab Sample: B1D0125-BS1 Date Analyzed: 21-Apr-21 23:19 Column: ZB-DIOXIN			
Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	21.3	20.0	106	67 - 158	IS 13C-2,3,7,8-TCDD	82.1	20 - 175
1,2,3,7,8-PeCDD	105	100	105	70 - 142	13C-1,2,3,7,8-PeCDD	87.1	21 - 227
1,2,3,4,7,8-HxCDD	106	100	106	70 - 164	13C-1,2,3,4,7,8-HxCDD	90.4	21 - 193
1,2,3,6,7,8-HxCDD	106	100	106	76 - 134	13C-1,2,3,6,7,8-HxCDD	89.7	25 - 163
1,2,3,7,8,9-HxCDD	108	100	108	64 - 162	13C-1,2,3,7,8,9-HxCDD	82.6	21 - 193
1,2,3,4,6,7,8-HpCDD	102	100	102	70 - 140	13C-1,2,3,4,6,7,8-HpCDD	95.6	26 - 166
OCDD	203	200	102	78 - 144	13C-OCDD	65.2	13 - 199
2,3,7,8-TCDF	18.2	20.0	91.2	75 - 158	13C-2,3,7,8-TCDF	114	22 - 152
1,2,3,7,8-PeCDF	111	100	111	80 - 134	13C-1,2,3,7,8-PeCDF	112	21 - 192
2,3,4,7,8-PeCDF	107	100	107	68 - 160	13C-2,3,4,7,8-PeCDF	103	13 - 328
1,2,3,4,7,8-HxCDF	107	100	107	72 - 134	13C-1,2,3,4,7,8-HxCDF	99.4	19 - 202
1,2,3,6,7,8-HxCDF	102	100	102	84 - 130	13C-1,2,3,6,7,8-HxCDF	112	21 - 159
2,3,4,6,7,8-HxCDF	103	100	103	70 - 156	13C-2,3,4,6,7,8-HxCDF	91.3	22 - 176
1,2,3,7,8,9-HxCDF	103	100	103	78 - 130	13C-1,2,3,7,8,9-HxCDF	82.3	17 - 205
1,2,3,4,6,7,8-HpCDF	103	100	103	82 - 122	13C-1,2,3,4,6,7,8-HpCDF	78.1	21 - 158
1,2,3,4,7,8,9-HpCDF	102	100	102	78 - 138	13C-1,2,3,4,7,8,9-HpCDF	86.0	20 - 186
OCDF	206	200	103	63 - 170	13C-OCDF	64.2	13 - 199
					CRS 37Cl-2,3,7,8-TCDD	99.4	31 - 191

LCL-UCL - Lower control limit - upper control limit

Sample ID: Method Blank					EPA Method 1613B				
Matrix: Solid Sample Size: 10.0 g		QC Batch: B1D0181 Date Extracted: 25-Apr-2021 8:00		Lab Sample: B1D0181-BLK1 Date Analyzed: 27-Apr-21 12:56 Column: ZB-DIOXIN					
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers	
2,3,7,8-TCDD	ND	0.0876			IS 13C-2,3,7,8-TCDD	55.5	25 - 164		
1,2,3,7,8-PeCDD	ND	0.0774			13C-1,2,3,7,8-PeCDD	74.7	25 - 181		
1,2,3,4,7,8-HxCDD	ND	0.163			13C-1,2,3,4,7,8-HxCDD	93.9	32 - 141		
1,2,3,6,7,8-HxCDD	ND	0.160			13C-1,2,3,6,7,8-HxCDD	92.9	28 - 130		
1,2,3,7,8,9-HxCDD	ND	0.147			13C-1,2,3,7,8,9-HxCDD	104	32 - 141		
1,2,3,4,6,7,8-HpCDD	ND	0.109			13C-1,2,3,4,6,7,8-HpCDD	104	23 - 140		
OCDD	ND	0.331			13C-OCDD	77.1	17 - 157		
2,3,7,8-TCDF	ND	0.0466			13C-2,3,7,8-TCDF	60.0	24 - 169		
1,2,3,7,8-PeCDF	ND	0.0871			13C-1,2,3,7,8-PeCDF	69.0	24 - 185		
2,3,4,7,8-PeCDF	ND	0.0803			13C-2,3,4,7,8-PeCDF	65.5	21 - 178		
1,2,3,4,7,8-HxCDF	ND	0.0863			13C-1,2,3,4,7,8-HxCDF	82.9	26 - 152		
1,2,3,6,7,8-HxCDF	ND	0.0651			13C-1,2,3,6,7,8-HxCDF	109	26 - 123		
2,3,4,6,7,8-HxCDF	ND	0.0996			13C-2,3,4,6,7,8-HxCDF	89.8	28 - 136		
1,2,3,7,8,9-HxCDF	ND	0.121			13C-1,2,3,7,8,9-HxCDF	85.1	29 - 147		
1,2,3,4,6,7,8-HpCDF	ND	0.0867			13C-1,2,3,4,6,7,8-HpCDF	91.7	28 - 143		
1,2,3,4,7,8,9-HpCDF	ND	0.0987			13C-1,2,3,4,7,8,9-HpCDF	79.3	26 - 138		
OCDF	ND	0.147			13C-OCDF	77.2	17 - 157		
					CRS 37Cl-2,3,7,8-TCDD	80.5	35 - 197		
					Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)				
					TEQMinWHO2005Dioxin		0.00		
TOTALS									
Total TCDD	ND	0.0876							
Total PeCDD	ND	0.0774							
Total HxCDD	ND	0.163							
Total HpCDD	ND	0.109							
Total TCDF	ND	0.0466							
Total PeCDF	ND	0.0871							
Total HxCDF	ND	0.121							
Total HpCDF	ND	0.0987							

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL- Lower control limit - upper control limit

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

Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: OPR					EPA Method 1613B		
Matrix: Solid	QC Batch: B1D0181	Lab Sample: B1D0181-BS1					
Sample Size: 10.0 g	Date Extracted: 25-Apr-2021 8:00	Date Analyzed: 27-Apr-21 11:22	Column: ZB-DIOXIN				
Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	21.9	20.0	110	67 - 158	IS 13C-2,3,7,8-TCDD	50.3	20 - 175
1,2,3,7,8-PeCDD	107	100	107	70 - 142	13C-1,2,3,7,8-PeCDD	69.3	21 - 227
1,2,3,4,7,8-HxCDD	112	100	112	70 - 164	13C-1,2,3,4,7,8-HxCDD	86.3	21 - 193
1,2,3,6,7,8-HxCDD	110	100	110	76 - 134	13C-1,2,3,6,7,8-HxCDD	87.6	25 - 163
1,2,3,7,8,9-HxCDD	108	100	108	64 - 162	13C-1,2,3,7,8,9-HxCDD	99.4	21 - 193
1,2,3,4,6,7,8-HpCDD	106	100	106	70 - 140	13C-1,2,3,4,6,7,8-HpCDD	94.2	26 - 166
OCDD	218	200	109	78 - 144	13C-OCDD	75.6	13 - 199
2,3,7,8-TCDF	20.3	20.0	101	75 - 158	13C-2,3,7,8-TCDF	53.4	22 - 152
1,2,3,7,8-PeCDF	107	100	107	80 - 134	13C-1,2,3,7,8-PeCDF	69.7	21 - 192
2,3,4,7,8-PeCDF	106	100	106	68 - 160	13C-2,3,4,7,8-PeCDF	62.0	13 - 328
1,2,3,4,7,8-HxCDF	105	100	105	72 - 134	13C-1,2,3,4,7,8-HxCDF	76.9	19 - 202
1,2,3,6,7,8-HxCDF	103	100	103	84 - 130	13C-1,2,3,6,7,8-HxCDF	94.3	21 - 159
2,3,4,6,7,8-HxCDF	107	100	107	70 - 156	13C-2,3,4,6,7,8-HxCDF	86.9	22 - 176
1,2,3,7,8,9-HxCDF	106	100	106	78 - 130	13C-1,2,3,7,8,9-HxCDF	82.0	17 - 205
1,2,3,4,6,7,8-HpCDF	107	100	107	82 - 122	13C-1,2,3,4,6,7,8-HpCDF	83.7	21 - 158
1,2,3,4,7,8,9-HpCDF	109	100	109	78 - 138	13C-1,2,3,4,7,8,9-HpCDF	73.9	20 - 186
OCDF	211	200	105	63 - 170	13C-OCDF	75.6	13 - 199
					CRS 37Cl-2,3,7,8-TCDD	74.3	31 - 191

LCL-UCL - Lower control limit - upper control limit

Sample ID: USMPDI-005SG-210412 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2104131-01 Date Received: 14-Apr-2021 9:40
Project: Gascosiltronic: US Moorings	Sample Size: 14.8 g	QC Batch: B1D0125 Date Extracted: 18-Apr-2021 12:47
Date Collected: 12-Apr-2021 14:19	% Solids: 68.0	Date Analyzed: 22-Apr-21 06:41 Column: ZB-DIOXIN

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.285			IS 13C-2,3,7,8-TCDD	86.4	25 - 164	
1,2,3,7,8-PeCDD	ND	1.01			13C-1,2,3,7,8-PeCDD	94.1	25 - 181	
1,2,3,4,7,8-HxCDD	ND	1.22			13C-1,2,3,4,7,8-HxCDD	91.3	32 - 141	
1,2,3,6,7,8-HxCDD	5.50				13C-1,2,3,6,7,8-HxCDD	91.6	28 - 130	
1,2,3,7,8,9-HxCDD	ND	1.23			13C-1,2,3,7,8,9-HxCDD	92.8	32 - 141	
1,2,3,4,6,7,8-HpCDD	214				13C-1,2,3,4,6,7,8-HpCDD	85.6	23 - 140	
OCDD	1870				13C-OCDD	60.5	17 - 157	
2,3,7,8-TCDF	10.2				13C-2,3,7,8-TCDF	107	24 - 169	
1,2,3,7,8-PeCDF	28.0				13C-1,2,3,7,8-PeCDF	116	24 - 185	
2,3,4,7,8-PeCDF	22.2				13C-2,3,4,7,8-PeCDF	95.1	21 - 178	
1,2,3,4,7,8-HxCDF	31.2				13C-1,2,3,4,7,8-HxCDF	97.0	26 - 152	
1,2,3,6,7,8-HxCDF	8.38				13C-1,2,3,6,7,8-HxCDF	101	26 - 123	
2,3,4,6,7,8-HxCDF	4.86				13C-2,3,4,6,7,8-HxCDF	94.0	28 - 136	
1,2,3,7,8,9-HxCDF	ND		1.16		13C-1,2,3,7,8,9-HxCDF	92.2	29 - 147	
1,2,3,4,6,7,8-HpCDF	57.6				13C-1,2,3,4,6,7,8-HpCDF	81.1	28 - 143	
1,2,3,4,7,8,9-HpCDF	ND		3.96		13C-1,2,3,4,7,8,9-HpCDF	54.1	26 - 138	
OCDF	81.2				13C-OCDF	59.2	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	103	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)

TEQMinWHO2005Dioxin 16.8

TOTALS				
Total TCDD	1.46			
Total PeCDD	2.61			
Total HxCDD	68.5		73.4	
Total HpCDD	505			
Total TCDF	34.3			
Total PeCDF	90.4		116	
Total HxCDF	93.4		94.5	
Total HpCDF	143		147	

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

LCL-UCL- Lower control limit - upper control limit
The results are reported in dry weight. The sample size is reported in wet weight.
Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: USMPDI-017SG-210412 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2104131-02 Date Received: 14-Apr-2021 9:40
Project: Gascosiltronic: US Moorings	Sample Size: 27.8 g	QC Batch: B1D0181 Date Extracted: 25-Apr-2021 8:00
Date Collected: 12-Apr-2021 11:16	% Solids: 36.0	Date Analyzed: 27-Apr-21 15:23 Column: ZB-DIOXIN

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.147			IS 13C-2,3,7,8-TCDD	65.6	25 - 164	
1,2,3,7,8-PeCDD	ND	0.611			13C-1,2,3,7,8-PeCDD	88.4	25 - 181	
1,2,3,4,7,8-HxCDD	0.859			J	13C-1,2,3,4,7,8-HxCDD	91.5	32 - 141	
1,2,3,6,7,8-HxCDD	5.60				13C-1,2,3,6,7,8-HxCDD	92.5	28 - 130	
1,2,3,7,8,9-HxCDD	1.72			J	13C-1,2,3,7,8,9-HxCDD	96.9	32 - 141	
1,2,3,4,6,7,8-HpCDD	97.2				13C-1,2,3,4,6,7,8-HpCDD	85.0	23 - 140	
OCDD	794				13C-OCDD	59.8	17 - 157	
2,3,7,8-TCDF	1.93				13C-2,3,7,8-TCDF	67.2	24 - 169	
1,2,3,7,8-PeCDF	2.16			J	13C-1,2,3,7,8-PeCDF	88.3	24 - 185	
2,3,4,7,8-PeCDF	ND		1.40		13C-2,3,4,7,8-PeCDF	81.1	21 - 178	
1,2,3,4,7,8-HxCDF	4.68				13C-1,2,3,4,7,8-HxCDF	84.0	26 - 152	
1,2,3,6,7,8-HxCDF	ND		1.56		13C-1,2,3,6,7,8-HxCDF	111	26 - 123	
2,3,4,6,7,8-HxCDF	0.786			J	13C-2,3,4,6,7,8-HxCDF	87.6	28 - 136	
1,2,3,7,8,9-HxCDF	ND	0.345			13C-1,2,3,7,8,9-HxCDF	87.7	29 - 147	
1,2,3,4,6,7,8-HpCDF	16.7				13C-1,2,3,4,6,7,8-HpCDF	80.0	28 - 143	
1,2,3,4,7,8,9-HpCDF	1.81			J	13C-1,2,3,4,7,8,9-HpCDF	76.0	26 - 138	
OCDF	36.5				13C-OCDF	58.5	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	94.6	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
 TEQMinWHO2005Dioxin 3.03

TOTALS				
Total TCDD	1.43			
Total PeCDD	1.38		1.64	
Total HxCDD	34.1			
Total HpCDD	197			
Total TCDF	4.69			
Total PeCDF	11.0		13.9	
Total HxCDF	25.3		27.5	
Total HpCDF	45.9			

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

LCL-UCL- Lower control limit - upper control limit
 The results are reported in dry weight. The sample size is reported in wet weight.
 Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: USMPDI-020SG-210412 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2104131-03 Date Received: 14-Apr-2021 9:40
Project: Gascosiltronic: US Moorings	Sample Size: 29.0 g	QC Batch: B1D0125 Date Extracted: 18-Apr-2021 12:47
Date Collected: 12-Apr-2021 12:00	% Solids: 35.1	Date Analyzed: 22-Apr-21 08:10 Column: ZB-DIOXIN

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.135			IS 13C-2,3,7,8-TCDD	92.6	25 - 164	
1,2,3,7,8-PeCDD	ND		0.548		13C-1,2,3,7,8-PeCDD	90.0	25 - 181	
1,2,3,4,7,8-HxCDD	ND		0.731		13C-1,2,3,4,7,8-HxCDD	98.0	32 - 141	
1,2,3,6,7,8-HxCDD	3.00				13C-1,2,3,6,7,8-HxCDD	94.3	28 - 130	
1,2,3,7,8,9-HxCDD	1.89			J	13C-1,2,3,7,8,9-HxCDD	97.0	32 - 141	
1,2,3,4,6,7,8-HpCDD	59.0				13C-1,2,3,4,6,7,8-HpCDD	96.7	23 - 140	
OCDD	582				13C-OCDD	68.5	17 - 157	
2,3,7,8-TCDF	1.71				13C-2,3,7,8-TCDF	112	24 - 169	
1,2,3,7,8-PeCDF	4.84				13C-1,2,3,7,8-PeCDF	101	24 - 185	
2,3,4,7,8-PeCDF	1.89			J	13C-2,3,4,7,8-PeCDF	95.8	21 - 178	
1,2,3,4,7,8-HxCDF	22.8				13C-1,2,3,4,7,8-HxCDF	95.5	26 - 152	
1,2,3,6,7,8-HxCDF	4.62				13C-1,2,3,6,7,8-HxCDF	106	26 - 123	
2,3,4,6,7,8-HxCDF	ND		0.522		13C-2,3,4,6,7,8-HxCDF	105	28 - 136	
1,2,3,7,8,9-HxCDF	0.534			J	13C-1,2,3,7,8,9-HxCDF	86.2	29 - 147	
1,2,3,4,6,7,8-HpCDF	18.0				13C-1,2,3,4,6,7,8-HpCDF	86.4	28 - 143	
1,2,3,4,7,8,9-HpCDF	4.18				13C-1,2,3,4,7,8,9-HpCDF	72.1	26 - 138	
OCDF	44.0				13C-OCDF	67.1	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	114	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
 TEQMinWHO2005Dioxin 5.17

TOTALS		
Total TCDD	1.28	1.66
Total PeCDD	1.39	3.56
Total HxCDD	24.0	24.7
Total HpCDD	121	
Total TCDF	5.49	5.95
Total PeCDF	16.4	
Total HxCDF	43.6	45.0
Total HpCDF	47.9	

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

LCL-UCL- Lower control limit - upper control limit
 The results are reported in dry weight. The sample size is reported in wet weight.
 Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: Method Blank

EPA Method 1668A

Matrix: Solid	QC Batch: B1E0058	Lab Sample: B1E0058-BLK1
Sample Size: 5.00 g	Date Extracted: 08-May-2021 13:37	Date Analyzed: 12-May-21 15:55 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND	0.237			PCB-44	ND	0.456		
PCB-2	ND	0.326			PCB-45	ND	0.457		
PCB-3	ND	0.333			PCB-46	ND	0.476		
PCB-4/10	ND	1.01			PCB-47	ND	0.401		
PCB-5/8	ND	0.937			PCB-48/75	ND	0.333		
PCB-6	ND	0.918			PCB-50	ND	0.297		
PCB-7/9	ND	0.974			PCB-51	ND	0.367		
PCB-11	ND	1.23			PCB-52/69	ND	0.339		
PCB-12/13	ND	1.35			PCB-53	ND	0.390		
PCB-14	ND	1.34			PCB-54	ND	0.245		
PCB-15	ND	1.35			PCB-55	ND	0.343		
PCB-16/32	ND	0.449			PCB-56/60	ND	0.386		
PCB-17	ND	0.551			PCB-57	ND	0.338		
PCB-18	ND	0.515			PCB-58	ND	0.336		
PCB-19	ND	0.489			PCB-61/70	ND	0.372		
PCB-20/21/33	ND	0.469			PCB-62	ND	0.333		
PCB-22	ND	0.452			PCB-63	ND	0.374		
PCB-23	ND	0.480			PCB-65	ND	0.298		
PCB-24/27	ND	0.397			PCB-66/76	ND	0.339		
PCB-25	ND	0.468			PCB-67	ND	0.358		
PCB-26	ND	0.468			PCB-68	ND	0.291		
PCB-28	ND	0.422			PCB-73	ND	0.281		
PCB-29	ND	0.497			PCB-74	ND	0.334		
PCB-30	ND	0.309			PCB-77	ND	0.528		
PCB-31	ND	0.416			PCB-78	ND	0.453		
PCB-34	ND	0.488			PCB-79	ND	0.345		
PCB-35	ND	0.787			PCB-80	ND	0.339		
PCB-36	ND	0.771			PCB-81	ND	0.485		
PCB-37	ND	0.802			PCB-82	ND	0.576		
PCB-38	ND	0.785			PCB-83	ND	0.286		
PCB-39	ND	0.821			PCB-84/92	ND	0.417		
PCB-40	ND	0.604			PCB-85/116	ND	0.361		
PCB-41/64/71/72	ND	0.310			PCB-86	ND	0.420		
PCB-42/59	ND	0.355			PCB-87/117/125	ND	0.332		
PCB-43/49	ND	0.396			PCB-88/91	ND	0.384		

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
individual congeners for qualifiers.

See

Sample ID: Method Blank

EPA Method 1668A

Matrix: Solid	QC Batch: B1E0058	Lab Sample: B1E0058-BLK1
Sample Size: 5.00 g	Date Extracted: 08-May-2021 13:37	Date Analyzed: 12-May-21 15:55 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND	0.389			PCB-137	ND	0.466		
PCB-90/101	ND	0.380			PCB-138/163/164	ND	0.392		
PCB-93	ND	0.459			PCB-139/149	ND	0.234		
PCB-94	ND	0.421			PCB-140	ND	0.277		
PCB-95/98/102	ND	0.326			PCB-141	ND	0.474		
PCB-96	ND	0.232			PCB-142	ND	0.539		
PCB-97	ND	0.396			PCB-144	ND	0.261		
PCB-99	ND	0.346			PCB-145	ND	0.184		
PCB-100	ND	0.283			PCB-146/165	ND	0.393		
PCB-103	ND	0.296			PCB-147	ND	0.254		
PCB-104	ND	0.232			PCB-148	ND	0.271		
PCB-105	ND	0.434			PCB-150	ND	0.193		
PCB-106/118	ND	0.368			PCB-151	ND	0.268		
PCB-107/109	ND	0.331			PCB-152	ND	0.178		
PCB-108/112	ND	0.357			PCB-153	ND	0.374		
PCB-110	ND	0.297			PCB-154	ND	0.251		
PCB-111/115	ND	0.275			PCB-155	ND	0.212		
PCB-113	ND	0.273			PCB-156	ND	0.440		
PCB-114	ND	0.386			PCB-157	ND	0.514		
PCB-119	ND	0.291			PCB-158/160	ND	0.397		
PCB-120	ND	0.248			PCB-159	ND	0.377		
PCB-121	ND	0.238			PCB-166	ND	0.401		
PCB-122	ND	0.450			PCB-167	ND	0.438		
PCB-123	ND	0.367			PCB-168	ND	0.358		
PCB-124	ND	0.341			PCB-169	ND	0.571		
PCB-126	ND	0.573			PCB-170	ND	0.405		
PCB-127	ND	0.450			PCB-171	ND	0.365		
PCB-128/162	ND	0.494			PCB-172	ND	0.353		
PCB-129	ND	0.561			PCB-173	ND	0.416		
PCB-130	ND	0.550			PCB-174	ND	0.371		
PCB-131/133	ND	0.482			PCB-175	ND	0.270		
PCB-132/161	ND	0.387			PCB-176	ND	0.207		
PCB-134/143	ND	0.516			PCB-177	ND	0.389		
PCB-135	ND	0.250			PCB-178	ND	0.278		
PCB-136	ND	0.205			PCB-179	ND	0.214		

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
individual congeners for qualifiers.

See

Sample ID: Method Blank					EPA Method 1668A				
Matrix: Solid		QC Batch: B1E0058			Lab Sample: B1E0058-BLK1				
Sample Size: 5.00 g		Date Extracted: 08-May-2021 13:37			Date Analyzed: 12-May-21 15:55 Column: ZB-1				
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	ND	0.341			Total octaCB	ND		0.673	
PCB-181	ND	0.334			Total nonaCB	ND		0.305	
PCB-182/187	ND	0.245			DecaCB	ND		0.143	
PCB-183	ND	0.253			Total PCB	ND			
PCB-184	ND	0.202							
PCB-185	ND	0.359							
PCB-186	ND	0.187							
PCB-188	ND	0.200							
PCB-189	ND	0.328							
PCB-190	ND	0.310							
PCB-191	ND	0.295							
PCB-192	ND	0.275							
PCB-193	ND	0.302							
PCB-194	ND		0.673						
PCB-195	ND	0.298							
PCB-196/203	ND	0.264							
PCB-197	ND	0.207							
PCB-198	ND	0.287							
PCB-199	ND	0.282							
PCB-200	ND	0.219							
PCB-201	ND	0.221							
PCB-202	ND	0.200							
PCB-204	ND	0.209							
PCB-205	ND	0.225							
PCB-206	ND	0.305							
PCB-207	ND	0.225							
PCB-208	ND	0.222							
PCB-209	ND	0.143							
Total monoCB	ND	0.333							
Total diCB	ND	1.35							
Total triCB	ND	0.821							
Total tetraCB	ND	0.604							
Total pentaCB	ND	0.576							
Total hexaCB	ND	0.571							
Total heptaCB	ND	0.416							

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
individual congeners for qualifiers.

See

Sample ID: Method Blank

EPA Method 1668A

Matrix: Solid	QC Batch: B1E0058	Lab Sample: B1E0058-BLK1
Sample Size: 5.00 g	Date Extracted: 08-May-2021 13:37	Date Analyzed: 12-May-21 15:55 Column: ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	98.9	15 - 150		13C-PCB-157	71.6	25 - 150	
13C-PCB-3	90.9	15 - 150		13C-PCB-159	69.9	25 - 150	
13C-PCB-4	90.5	25 - 150		13C-PCB-167	72.6	25 - 150	
13C-PCB-11	76.8	25 - 150		13C-PCB-169	63.1	25 - 150	
13C-PCB-9	86.6	25 - 150		13C-PCB-170	72.8	25 - 150	
13C-PCB-19	104	25 - 150		13C-PCB-180	71.9	25 - 150	
13C-PCB-28	102	25 - 150		13C-PCB-188	85.0	25 - 150	
13C-PCB-32	98.4	25 - 150		13C-PCB-189	62.4	25 - 150	
13C-PCB-37	71.4	25 - 150		13C-PCB-194	78.2	25 - 150	
13C-PCB-47	84.7	25 - 150		13C-PCB-202	91.3	25 - 150	
13C-PCB-52	85.7	25 - 150		13C-PCB-206	79.1	25 - 150	
13C-PCB-54	91.6	25 - 150		13C-PCB-208	84.9	25 - 150	
13C-PCB-70	74.8	25 - 150		13C-PCB-209	89.9	25 - 150	
13C-PCB-77	64.8	25 - 150		CRS 13C-PCB-79	85.2	30 - 135	
13C-PCB-80	78.6	25 - 150		13C-PCB-178	103	30 - 135	
13C-PCB-81	70.1	25 - 150					
13C-PCB-95	81.8	25 - 150					
13C-PCB-97	79.5	25 - 150					
13C-PCB-101	80.9	25 - 150					
13C-PCB-104	92.0	25 - 150					
13C-PCB-105	66.8	25 - 150					
13C-PCB-114	70.8	25 - 150					
13C-PCB-118	69.6	25 - 150					
13C-PCB-123	64.9	25 - 150					
13C-PCB-126	51.8	25 - 150					
13C-PCB-127	67.7	25 - 150					
13C-PCB-138	77.0	25 - 150					
13C-PCB-141	79.7	25 - 150					
13C-PCB-153	80.7	25 - 150					
13C-PCB-155	105	25 - 150					
13C-PCB-156	66.9	25 - 150					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
individual congeners for qualifiers.

See

Sample ID: OPR

EPA Method 1668A

Matrix: Solid
Sample Size: 5.00 g

QC Batch: B1E0058
Date Extracted: 08-May-2021 13:37

Lab Sample: B1E0058-BS1
Date Analyzed: 12-May-21 13:53 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-1	980	1000	98.0	50 - 150	IS 13C-PCB-1	87.7	15 - 140
PCB-3	1020	1000	102	50 - 150	IS 13C-PCB-3	83.1	15 - 140
PCB-4/10	1970	2000	98.5	50 - 150	IS 13C-PCB-4	83.2	30 - 140
PCB-15	843	1000	84.3	50 - 150	IS 13C-PCB-11	73.1	30 - 140
PCB-19	1010	1000	101	50 - 150	IS 13C-PCB-9	81.0	30 - 140
PCB-37	912	1000	91.2	50 - 150	IS 13C-PCB-19	96.5	30 - 140
PCB-54	1010	1000	101	50 - 150	IS 13C-PCB-28	90.8	30 - 140
PCB-77	889	1000	88.9	50 - 150	IS 13C-PCB-32	86.9	30 - 140
PCB-81	907	1000	90.7	50 - 150	IS 13C-PCB-37	65.4	30 - 140
PCB-104	961	1000	96.1	50 - 150	IS 13C-PCB-47	75.2	30 - 140
PCB-105	957	1000	95.7	50 - 150	IS 13C-PCB-52	77.3	30 - 140
PCB-106/118	1860	2000	92.8	50 - 150	IS 13C-PCB-54	88.2	30 - 140
PCB-114	895	1000	89.5	50 - 150	IS 13C-PCB-70	73.0	30 - 140
PCB-123	991	1000	99.1	50 - 150	IS 13C-PCB-77	64.2	30 - 140
PCB-126	952	1000	95.2	50 - 150	IS 13C-PCB-80	75.5	30 - 140
PCB-155	969	1000	96.9	50 - 150	IS 13C-PCB-81	66.0	30 - 140
PCB-156	985	1000	98.5	50 - 150	IS 13C-PCB-95	78.7	30 - 140
PCB-157	934	1000	93.4	50 - 150	IS 13C-PCB-97	74.4	30 - 140
PCB-167	969	1000	96.9	50 - 150	IS 13C-PCB-101	75.3	30 - 140
PCB-169	967	1000	96.7	50 - 150	IS 13C-PCB-104	82.0	30 - 140
PCB-188	981	1000	98.1	50 - 150	IS 13C-PCB-105	66.7	30 - 140
PCB-189	964	1000	96.4	50 - 150	IS 13C-PCB-114	66.9	30 - 140
PCB-202	950	1000	95.0	50 - 150	IS 13C-PCB-118	69.9	30 - 140
PCB-205	1030	1000	103	50 - 150	IS 13C-PCB-123	67.2	30 - 140
PCB-206	981	1000	98.1	50 - 150	IS 13C-PCB-126	53.7	30 - 140
PCB-208	1040	1000	104	50 - 150	IS 13C-PCB-127	67.4	30 - 140
PCB-209	972	1000	97.2	50 - 150	IS 13C-PCB-138	73.9	30 - 140
					IS 13C-PCB-141	72.3	30 - 140
					IS 13C-PCB-153	74.8	30 - 140
					IS 13C-PCB-155	96.1	30 - 140
					IS 13C-PCB-156	64.1	30 - 140
					IS 13C-PCB-157	71.6	30 - 140
					IS 13C-PCB-159	69.0	30 - 140
					IS 13C-PCB-167	69.3	30 - 140
					IS 13C-PCB-169	64.4	30 - 140
					IS 13C-PCB-170	70.5	30 - 140
					IS 13C-PCB-180	70.7	30 - 140
					IS 13C-PCB-188	78.5	30 - 140
					IS 13C-PCB-189	62.5	30 - 140
					IS 13C-PCB-194	73.8	30 - 140

Sample ID: OPR

EPA Method 1668A

Matrix: Solid
Sample Size: 5.00 g

QC Batch: B1E0058
Date Extracted: 08-May-2021 13:37

Lab Sample: B1E0058-BS1
Date Analyzed: 12-May-21 13:53 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
					IS 13C-PCB-202	86.4	30 - 140
					IS 13C-PCB-206	74.2	30 - 140
					IS 13C-PCB-208	76.4	30 - 140
					IS 13C-PCB-209	81.2	30 - 140
					CRS 13C-PCB-79	69.9	25 - 125
					CRS 13C-PCB-178	83.6	25 - 125

LCL-UCL - Lower control limit - upper control limit

Sample ID: USMPDI-005SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-01	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	7.40 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 14:19	% Solids:	68.0	Date Analyzed :	12-May-21 17:57	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	3.54			J	PCB-44	91.1			
PCB-2	ND		6.36		PCB-45	9.62			
PCB-3	7.46				PCB-46	4.33			J
PCB-4/10	ND		4.30		PCB-47	148			
PCB-5/8	18.2				PCB-48/75	13.0			
PCB-6	3.52			J	PCB-50	ND		0.375	
PCB-7/9	ND	0.543			PCB-51	19.8			
PCB-11	25.2				PCB-52/69	148			
PCB-12/13	ND		3.86		PCB-53	10.5			
PCB-14	ND	0.608			PCB-54	0.450			J
PCB-15	21.6				PCB-55	2.03			J
PCB-16/32	23.0				PCB-56/60	57.2			
PCB-17	16.1				PCB-57	1.04			J
PCB-18	32.0				PCB-58	1.03			J
PCB-19	3.99			J	PCB-61/70	157			
PCB-20/21/33	33.0				PCB-62	ND	0.413		
PCB-22	19.9				PCB-63	4.27			J
PCB-23	ND	0.408			PCB-65	ND	0.369		
PCB-24/27	3.24			J	PCB-66/76	75.2			
PCB-25	5.48				PCB-67	3.14			J
PCB-26	10.9				PCB-68	ND		8.48	
PCB-28	60.4				PCB-73	ND	0.378		
PCB-29	ND	0.423			PCB-74	36.2			
PCB-30	ND	0.229			PCB-77	ND		7.92	
PCB-31	44.1				PCB-78	1.31			J
PCB-34	ND	0.415			PCB-79	ND		4.36	
PCB-35	2.43			J	PCB-80	ND	0.291		
PCB-36	ND	0.307			PCB-81	2.91			J
PCB-37	23.1				PCB-82	29.9			
PCB-38	2.91			J	PCB-83	ND	0.230		
PCB-39	ND	0.327			PCB-84/92	174			
PCB-40	14.6				PCB-85/116	41.6			
PCB-41/64/71/72	73.3				PCB-86	ND	0.338		
PCB-42/59	24.9				PCB-87/117/125	109			
PCB-43/49	88.3				PCB-88/91	44.1			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-005SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-01	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	7.40 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 14:19	% Solids:	68.0	Date Analyzed :	12-May-21 17:57	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND		1.98		PCB-137	15.6			
PCB-90/101	543				PCB-138/163/164	769			
PCB-93	ND	0.425			PCB-139/149	738			
PCB-94	ND		1.42		PCB-140	11.0			
PCB-95/98/102	309				PCB-141	177			
PCB-96	ND		1.52		PCB-142	ND	1.03		
PCB-97	79.1				PCB-144	46.5			
PCB-99	172				PCB-145	ND		0.321	
PCB-100	ND		3.10		PCB-146/165	179			
PCB-103	ND		7.07		PCB-147	9.32			
PCB-104	ND	0.289			PCB-148	5.72			
PCB-105	91.1				PCB-150	2.67			J
PCB-106/118	283				PCB-151	262			
PCB-107/109	24.5				PCB-152	ND		0.511	
PCB-108/112	12.6				PCB-153	887			
PCB-110	391				PCB-154	27.8			
PCB-111/115	4.74			J	PCB-155	ND	0.127		
PCB-113	ND		2.50		PCB-156	58.5			
PCB-114	5.65				PCB-157	ND		8.04	
PCB-119	11.5				PCB-158/160	58.5			
PCB-120	2.83			J	PCB-159	ND	0.615		
PCB-121	ND	0.221			PCB-166	1.57			J
PCB-122	ND		3.40		PCB-167	22.3			
PCB-123	ND		3.47		PCB-168	3.92			J
PCB-124	15.6				PCB-169	ND	0.761		
PCB-126	2.78			J	PCB-170	271			
PCB-127	ND	0.515			PCB-171	82.4			
PCB-128/162	80.1				PCB-172	48.3			
PCB-129	ND		17.5		PCB-173	5.36			
PCB-130	51.9				PCB-174	331			
PCB-131/133	30.4				PCB-175	14.3			
PCB-132/161	211				PCB-176	46.0			
PCB-134/143	39.5				PCB-177	200			
PCB-135	125				PCB-178	77.2			
PCB-136	132				PCB-179	165			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

See individual congeners for qualifiers.

Sample ID: USMPDI-005SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-01	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	7.40 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 14:19	% Solids:	68.0	Date Analyzed :	12-May-21 17:57	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	723				Total octaCB	831		838	
PCB-181	4.69			J	Total nonaCB	413			
PCB-182/187	444				DecaCB	505			
PCB-183	193				Total PCB	12100			
PCB-184	0.412			J					
PCB-185	37.3								
PCB-186	ND	0.239							
PCB-188	ND		0.942						
PCB-189	9.89								
PCB-190	51.4								
PCB-191	9.61								
PCB-192	ND	0.278							
PCB-193	38.7								
PCB-194	181								
PCB-195	61.9								
PCB-196/203	223								
PCB-197	8.98								
PCB-198	11.7								
PCB-199	232								
PCB-200	25.3								
PCB-201	34.0								
PCB-202	53.4								
PCB-204	ND	0.211							
PCB-205	ND		6.53						
PCB-206	299								
PCB-207	22.7								
PCB-208	91.3								
PCB-209	505								
Total monoCB	11.0		17.4						
Total diCB	68.5		76.7						
Total triCB	281								
Total tetraCB	988		1010						
Total pentaCB	2350		2370						
Total hexaCB	3950		3970						
Total heptaCB	2750								

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-005SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-01	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	7.40 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 14:19	% Solids:	68.0	Date Analyzed :	12-May-21 17:57	Column:	ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	85.1	15 -150		13C-PCB-170	83.9	25 -150	
13C-PCB-3	85.6	15 -150		13C-PCB-180	85.8	25 -150	
13C-PCB-4	82.0	25 -150		13C-PCB-188	85.4	25 -150	
13C-PCB-11	87.3	25 -150		13C-PCB-189	76.1	25 -150	
13C-PCB-9	81.2	25 -150		13C-PCB-194	96.1	25 -150	
13C-PCB-19	91.6	25 -150		13C-PCB-202	103	25 -150	
13C-PCB-28	88.7	25 -150		13C-PCB-206	87.5	25 -150	
13C-PCB-32	98.5	25 -150		13C-PCB-208	106	25 -150	
13C-PCB-37	99.6	25 -150		13C-PCB-209	91.2	25 -150	
13C-PCB-47	76.8	25 -150		CRS 13C-PCB-79	91.6	30 -135	
13C-PCB-52	68.0	25 -150		13C-PCB-178	103	30 -135	
13C-PCB-54	61.8	25 -150					
13C-PCB-70	82.8	25 -150					
13C-PCB-77	87.3	25 -150					
13C-PCB-80	84.7	25 -150					
13C-PCB-81	85.6	25 -150					
13C-PCB-95	80.7	25 -150					
13C-PCB-97	86.9	25 -150					
13C-PCB-101	80.1	25 -150					
13C-PCB-104	74.6	25 -150					
13C-PCB-105	73.3	25 -150					
13C-PCB-114	74.9	25 -150					
13C-PCB-118	84.2	25 -150					
13C-PCB-123	87.7	25 -150					
13C-PCB-126	65.3	25 -150					
13C-PCB-127	75.6	25 -150					
13C-PCB-138	85.3	25 -150					
13C-PCB-141	84.1	25 -150					
13C-PCB-153	83.7	25 -150					
13C-PCB-155	96.5	25 -150					
13C-PCB-156	78.8	25 -150					
13C-PCB-157	82.9	25 -150					
13C-PCB-159	83.9	25 -150					
13C-PCB-167	83.5	25 -150					
13C-PCB-169	76.0	25 -150					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-017SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-02	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	13.9 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 11:16	% Solids:	36.0	Date Analyzed :	12-May-21 18:58	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND		4.74		PCB-44	91.6			
PCB-2	ND		9.15		PCB-45	10.3			
PCB-3	ND		5.89		PCB-46	ND		5.67	
PCB-4/10	ND		9.68		PCB-47	53.0			
PCB-5/8	17.4				PCB-48/75	ND		12.5	
PCB-6	ND		5.08		PCB-50	0.794			J
PCB-7/9	ND	1.37			PCB-51	9.12			
PCB-11	47.4				PCB-52/69	125			
PCB-12/13	ND	1.41			PCB-53	17.4			
PCB-14	ND	1.40			PCB-54	ND		1.53	
PCB-15	18.5				PCB-55	ND	0.547		
PCB-16/32	21.0				PCB-56/60	63.5			
PCB-17	15.2				PCB-57	ND		0.643	
PCB-18	25.9				PCB-58	ND	0.555		
PCB-19	ND		10.2		PCB-61/70	140			
PCB-20/21/33	24.3				PCB-62	ND	0.683		
PCB-22	ND		15.1		PCB-63	4.16			J
PCB-23	ND	0.817			PCB-65	ND	0.611		
PCB-24/27	4.10			J	PCB-66/76	105			
PCB-25	ND		6.26		PCB-67	2.80			J
PCB-26	11.4				PCB-68	ND		1.68	
PCB-28	61.4				PCB-73	ND		1.41	
PCB-29	ND	0.846			PCB-74	43.5			
PCB-30	ND	0.437			PCB-77	12.6			
PCB-31	44.4				PCB-78	ND		0.698	
PCB-34	ND	0.830			PCB-79	3.74			J
PCB-35	ND		1.66		PCB-80	ND	0.541		
PCB-36	ND	0.814			PCB-81	ND		1.32	
PCB-37	26.9				PCB-82	23.2			
PCB-38	7.26				PCB-83	ND	0.636		
PCB-39	ND	0.866			PCB-84/92	91.2			
PCB-40	17.8				PCB-85/116	36.2			
PCB-41/64/71/72	75.8				PCB-86	ND	0.936		
PCB-42/59	29.3				PCB-87/117/125	66.6			
PCB-43/49	97.3				PCB-88/91	34.8			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-017SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-02	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	13.9 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 11:16	% Solids:	36.0	Date Analyzed :	12-May-21 18:58	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	1.91			J	PCB-137	16.4			
PCB-90/101	252				PCB-138/163/164	362			
PCB-93	ND	1.25			PCB-139/149	270			
PCB-94	2.81			J	PCB-140	ND		2.99	
PCB-95/98/102	145				PCB-141	65.1			
PCB-96	2.34			J	PCB-142	ND	1.91		
PCB-97	54.3				PCB-144	16.4			
PCB-99	117				PCB-145	ND	0.199		
PCB-100	ND		3.07		PCB-146/165	58.2			
PCB-103	ND		4.25		PCB-147	9.60			
PCB-104	ND	0.789			PCB-148	2.33			J
PCB-105	85.8				PCB-150	1.21			J
PCB-106/118	208				PCB-151	85.3			
PCB-107/109	16.0				PCB-152	ND		0.364	
PCB-108/112	8.19			J	PCB-153	341			
PCB-110	235				PCB-154	ND		8.04	
PCB-111/115	4.01			J	PCB-155	ND		0.773	
PCB-113	ND	0.679			PCB-156	36.6			
PCB-114	ND		4.60		PCB-157	8.34			
PCB-119	6.46				PCB-158/160	38.8			
PCB-120	ND	0.553			PCB-159	ND	1.17		
PCB-121	ND	0.650			PCB-166	ND		1.93	
PCB-122	ND		2.63		PCB-167	14.8			
PCB-123	5.40				PCB-168	ND	1.27		
PCB-124	9.61				PCB-169	ND	1.40		
PCB-126	2.28			J	PCB-170	104			
PCB-127	ND	0.938			PCB-171	32.0			
PCB-128/162	52.6				PCB-172	18.2			
PCB-129	14.4				PCB-173	5.49			
PCB-130	25.7				PCB-174	116			
PCB-131/133	9.77			J	PCB-175	6.02			
PCB-132/161	76.7				PCB-176	ND		14.2	
PCB-134/143	15.0				PCB-177	67.1			
PCB-135	41.0				PCB-178	25.8			
PCB-136	42.3				PCB-179	50.7			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

See individual congeners for qualifiers.

Sample ID: USMPDI-017SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-02	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	13.9 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 11:16	% Solids:	36.0	Date Analyzed :	12-May-21 18:58	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	241				Total octaCB	392		418	
PCB-181	ND		5.13		Total nonaCB	262			
PCB-182/187	150				DecaCB	235			
PCB-183	63.9				Total PCB	6080			
PCB-184	1.25			J					
PCB-185	18.0								
PCB-186	0.547			J					
PCB-188	ND		0.475						
PCB-189	ND		5.05						
PCB-190	31.6								
PCB-191	ND		4.93						
PCB-192	ND	0.528							
PCB-193	16.5								
PCB-194	63.5								
PCB-195	47.1								
PCB-196/203	126								
PCB-197	ND		9.06						
PCB-198	11.1								
PCB-199	94.1								
PCB-200	23.8								
PCB-201	16.9								
PCB-202	ND		14.7						
PCB-204	ND		2.36						
PCB-205	9.62								
PCB-206	141								
PCB-207	54.7								
PCB-208	65.9								
PCB-209	235								
Total monoCB	ND		19.8						
Total diCB	83.3		98.0						
Total triCB	242		275						
Total tetraCB	903		929						
Total pentaCB	1410		1420						
Total hexaCB	1600		1620						
Total heptaCB	948		978						

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-017SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-02
Project:	Gascosiltronic: US Moorings	Sample Size:	13.9 g	Date Received:	14-Apr-2021 9:40
Date Collected:	12-Apr-2021 11:16	% Solids:	36.0	QC Batch:	B1E0058
				Date Analyzed :	12-May-21 18:58 Column: ZB-1
				Date Extracted:	08-May-2021 8:00

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	45.7	15 -150		13C-PCB-170	63.0	25 -150	
13C-PCB-3	44.4	15 -150		13C-PCB-180	61.7	25 -150	
13C-PCB-4	44.0	25 -150		13C-PCB-188	53.4	25 -150	
13C-PCB-11	46.1	25 -150		13C-PCB-189	63.5	25 -150	
13C-PCB-9	41.1	25 -150		13C-PCB-194	65.3	25 -150	
13C-PCB-19	52.1	25 -150		13C-PCB-202	71.6	25 -150	
13C-PCB-28	55.6	25 -150		13C-PCB-206	65.2	25 -150	
13C-PCB-32	58.8	25 -150		13C-PCB-208	67.2	25 -150	
13C-PCB-37	55.1	25 -150		13C-PCB-209	74.1	25 -150	
13C-PCB-47	46.6	25 -150		CRS 13C-PCB-79	91.3	30 -135	
13C-PCB-52	45.8	25 -150		13C-PCB-178	96.0	30 -135	
13C-PCB-54	38.9	25 -150					
13C-PCB-70	52.1	25 -150					
13C-PCB-77	59.1	25 -150					
13C-PCB-80	52.4	25 -150					
13C-PCB-81	58.1	25 -150					
13C-PCB-95	47.3	25 -150					
13C-PCB-97	53.7	25 -150					
13C-PCB-101	49.2	25 -150					
13C-PCB-104	43.5	25 -150					
13C-PCB-105	45.7	25 -150					
13C-PCB-114	45.7	25 -150					
13C-PCB-118	56.5	25 -150					
13C-PCB-123	54.7	25 -150					
13C-PCB-126	41.8	25 -150					
13C-PCB-127	46.5	25 -150					
13C-PCB-138	55.1	25 -150					
13C-PCB-141	54.2	25 -150					
13C-PCB-153	53.8	25 -150					
13C-PCB-155	60.2	25 -150					
13C-PCB-156	55.9	25 -150					
13C-PCB-157	59.8	25 -150					
13C-PCB-159	55.3	25 -150					
13C-PCB-167	56.1	25 -150					
13C-PCB-169	57.1	25 -150					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-020SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-03	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	14.3 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 12:00	% Solids:	35.1	Date Analyzed :	12-May-21 19:59	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND		3.18		PCB-44	73.8			
PCB-2	5.55				PCB-45	10.1			
PCB-3	ND		4.51		PCB-46	ND		4.97	
PCB-4/10	6.63			J	PCB-47	41.4			
PCB-5/8	13.6				PCB-48/75	12.1			
PCB-6	ND		3.95		PCB-50	ND	0.384		
PCB-7/9	ND	0.733			PCB-51	6.59			
PCB-11	37.1				PCB-52/69	104			
PCB-12/13	ND		4.54		PCB-53	14.5			
PCB-14	ND	0.679			PCB-54	1.63			J
PCB-15	14.7				PCB-55	ND	0.332		
PCB-16/32	18.4				PCB-56/60	61.1			
PCB-17	12.9				PCB-57	ND	0.337		
PCB-18	26.5				PCB-58	ND	0.336		
PCB-19	ND		6.26		PCB-61/70	125			
PCB-20/21/33	21.5				PCB-62	ND	0.365		
PCB-22	15.4				PCB-63	4.04			J
PCB-23	ND	0.428			PCB-65	ND	0.327		
PCB-24/27	3.19			J	PCB-66/76	91.8			
PCB-25	ND		6.31		PCB-67	ND		2.33	
PCB-26	12.1				PCB-68	1.94			J
PCB-28	50.3				PCB-73	0.810			J
PCB-29	ND	0.444			PCB-74	40.2			
PCB-30	ND	0.193			PCB-77	12.3			
PCB-31	36.5				PCB-78	ND	0.410		
PCB-34	ND	0.435			PCB-79	ND		2.54	
PCB-35	1.77			J	PCB-80	ND	0.328		
PCB-36	ND	0.490			PCB-81	1.14			J
PCB-37	20.6				PCB-82	21.0			
PCB-38	6.94				PCB-83	ND	0.344		
PCB-39	ND	0.522			PCB-84/92	70.7			
PCB-40	ND		13.4		PCB-85/116	33.6			
PCB-41/64/71/72	78.7				PCB-86	ND		1.68	
PCB-42/59	25.7				PCB-87/117/125	57.7			
PCB-43/49	80.0				PCB-88/91	27.4			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-020SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-03	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	14.3 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 12:00	% Solids:	35.1	Date Analyzed :	12-May-21 19:59	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	3.01			J	PCB-137	11.2			
PCB-90/101	193				PCB-138/163/164	254			
PCB-93	ND	0.613			PCB-139/149	172			
PCB-94	1.07			J	PCB-140	ND		1.60	
PCB-95/98/102	112				PCB-141	43.0			
PCB-96	ND		1.18		PCB-142	ND	0.672		
PCB-97	45.8				PCB-144	9.03			
PCB-99	87.4				PCB-145	ND	0.129		
PCB-100	2.90			J	PCB-146/165	39.2			
PCB-103	ND		2.72		PCB-147	ND		5.93	
PCB-104	0.529			J	PCB-148	ND	0.190		
PCB-105	76.1				PCB-150	0.961			J
PCB-106/118	167				PCB-151	50.5			
PCB-107/109	13.0				PCB-152	ND		0.402	
PCB-108/112	ND		6.07		PCB-153	236			
PCB-110	185				PCB-154	5.26			
PCB-111/115	3.97			J	PCB-155	ND		0.443	
PCB-113	ND	0.361			PCB-156	22.8			
PCB-114	4.28			J	PCB-157	5.99			
PCB-119	ND		4.43		PCB-158/160	28.6			
PCB-120	ND	0.299			PCB-159	ND	0.409		
PCB-121	ND	0.319			PCB-166	ND	0.434		
PCB-122	ND		2.46		PCB-167	9.34			
PCB-123	3.84			J	PCB-168	ND	0.446		
PCB-124	7.62				PCB-169	ND	0.483		
PCB-126	1.57			J	PCB-170	66.9			
PCB-127	ND	0.650			PCB-171	18.5			
PCB-128/162	38.7				PCB-172	12.6			
PCB-129	9.37				PCB-173	1.65			J
PCB-130	21.9				PCB-174	72.6			
PCB-131/133	6.65			J	PCB-175	ND		2.29	
PCB-132/161	52.7				PCB-176	9.12			
PCB-134/143	10.3				PCB-177	46.5			
PCB-135	26.1				PCB-178	17.0			
PCB-136	26.5				PCB-179	32.7			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-020SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-03	Date Received:	14-Apr-2021 9:40
Project:	Gascosiltronic: US Moorings	Sample Size:	14.3 g	QC Batch:	B1E0058	Date Extracted:	08-May-2021 8:00
Date Collected:	12-Apr-2021 12:00	% Solids:	35.1	Date Analyzed :	12-May-21 19:59	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	156				Total octaCB	155		169	
PCB-181	1.07			J	Total nonaCB	40.1			
PCB-182/187	97.3				DecaCB	44.2			
PCB-183	38.3				Total PCB	4130			
PCB-184	0.735			J					
PCB-185	ND		7.02						
PCB-186	ND	0.250							
PCB-188	0.309			J					
PCB-189	2.83			J					
PCB-190	13.5								
PCB-191	2.72			J					
PCB-192	ND	0.287							
PCB-193	9.82								
PCB-194	35.7								
PCB-195	ND		12.4						
PCB-196/203	46.0								
PCB-197	1.50			J					
PCB-198	ND		1.26						
PCB-199	48.9								
PCB-200	6.10								
PCB-201	5.94								
PCB-202	9.83								
PCB-204	ND	0.242							
PCB-205	1.37			J					
PCB-206	25.3								
PCB-207	4.15			J					
PCB-208	10.6								
PCB-209	44.2								
Total monoCB	5.55		13.2						
Total diCB	72.0		80.5						
Total triCB	226		239						
Total tetraCB	787		810						
Total pentaCB	1120		1140						
Total hexaCB	1080		1090						
Total heptaCB	600		609						

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

Sample ID: USMPDI-020SG-210412

EPA Method 1668A

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2104131-03
Project:	Gascosiltronic: US Moorings	Sample Size:	14.3 g	Date Received:	14-Apr-2021 9:40
Date Collected:	12-Apr-2021 12:00	% Solids:	35.1	QC Batch:	B1E0058
				Date Analyzed :	12-May-21 19:59 Column: ZB-1
				Date Extracted:	08-May-2021 8:00

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	77.7	15 -150		13C-PCB-170	89.9	25 -150	
13C-PCB-3	75.7	15 -150		13C-PCB-180	82.4	25 -150	
13C-PCB-4	77.1	25 -150		13C-PCB-188	77.4	25 -150	
13C-PCB-11	87.7	25 -150		13C-PCB-189	79.6	25 -150	
13C-PCB-9	79.5	25 -150		13C-PCB-194	89.0	25 -150	
13C-PCB-19	93.3	25 -150		13C-PCB-202	96.8	25 -150	
13C-PCB-28	90.0	25 -150		13C-PCB-206	90.1	25 -150	
13C-PCB-32	94.4	25 -150		13C-PCB-208	92.4	25 -150	
13C-PCB-37	84.6	25 -150		13C-PCB-209	96.8	25 -150	
13C-PCB-47	82.8	25 -150		CRS 13C-PCB-79	84.0	30 -135	
13C-PCB-52	82.1	25 -150		13C-PCB-178	92.7	30 -135	
13C-PCB-54	78.9	25 -150					
13C-PCB-70	80.7	25 -150					
13C-PCB-77	81.0	25 -150					
13C-PCB-80	82.3	25 -150					
13C-PCB-81	83.3	25 -150					
13C-PCB-95	79.8	25 -150					
13C-PCB-97	83.1	25 -150					
13C-PCB-101	79.0	25 -150					
13C-PCB-104	83.9	25 -150					
13C-PCB-105	68.9	25 -150					
13C-PCB-114	67.8	25 -150					
13C-PCB-118	83.1	25 -150					
13C-PCB-123	83.1	25 -150					
13C-PCB-126	60.5	25 -150					
13C-PCB-127	70.0	25 -150					
13C-PCB-138	79.3	25 -150					
13C-PCB-141	78.8	25 -150					
13C-PCB-153	77.3	25 -150					
13C-PCB-155	96.0	25 -150					
13C-PCB-156	76.4	25 -150					
13C-PCB-157	83.2	25 -150					
13C-PCB-159	80.1	25 -150					
13C-PCB-167	79.3	25 -150					
13C-PCB-169	83.9	25 -150					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

The results are reported in dry weight. The sample size is reported in wet weight.
See individual congeners for qualifiers.

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
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses ½ the detection limit as the concentration for non-detects
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	21-023-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-26
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2020018
Massachusetts Department of Environmental Protection	M-CA413
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1980678
New Hampshire Environmental Accreditation Program	207720
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Ohio Environmental Protection Agency	87778
Oregon Laboratory Accreditation Program	4042-016
Pennsylvania Department of Environmental Protection	017
Texas Commission on Environmental Quality	T104704189-21-12
Vermont Department of Health	VT-4042
Virginia Department of General Services	10769
Washington Department of Ecology	C584
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
Polychlorinated Dibenzodioxins in Ambient Air by GC/HRMS	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
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613/1613B
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	EPA 537.1
Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry	EPA 533
Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA) - Method for Unfiltered Samples Using Solid Phase Extraction and Liquid Chromatography/Mass Spectrometry	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

2104131 3.0°C

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

Project: GascoSiltronic: US Moorings
Client: NW Natural

COC ID: VISTA-20210412-144545
Sample Custodian: dep, ckd, jm
Lab: VISTA

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
001	USMPDI-005SG-210412	N	SE	04/12/2021	14:19	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								PCB Congeners	E1668A	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
002	USMPDI-017SG-210412	N	SE	04/12/2021	11:16	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								PCB Congeners	E1668A	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
003	USMPDI-020SG-210412	N	SE	04/12/2021	12:00	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								PCB Congeners	E1668A	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C

Comment:

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature:	Signature:
Print Name: D. Peterson	Print Name: K. Komarow	Print Name: Tanna Godfrey	Print Name: Justin Briscoe	Print Name:	Print Name:
Company: AQ	Company: APEX	Company: APEX	Company: VAL	Company:	Company:
Date/Time: 4.13.21 7:00	Date/Time: 4/13/21 7:00	Date/Time: 4/13/21 13:00	Date/Time: 04/14/21 0940	Date/Time:	Date/Time:



Sample Log-In Checklist

Page # 1 of 1

Vista Work Order #: 2104131

TAT 30 days

Samples Arrival:	Date/Time 04/14/21 09:40	Initials: 	Location: NR-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
Preservation:	<input checked="" type="checkbox"/> Ice	<input checked="" type="checkbox"/> Blue Ice	<input type="checkbox"/> Techni Ice
	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None	
Temp °C: 3.1 (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: <u>IR-3</u>
Temp °C: 3.0 (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Custody Seals Intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Airbill <u>—</u> Trk # <u>7734 3427 7294</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	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input checked="" type="checkbox"/> Retain
	<input type="checkbox"/> Return	<input type="checkbox"/> 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 04/15/21 08:04	Initials: 	Location: NR-2
			Shelf/Rack: D-6
COC Anomaly/Sample Acceptance Form completed?			
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2104131

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Report Matrix	Sample Comments
2104131-01	A USMPDI-005SG-210412	<input checked="" type="checkbox"/>	12-Apr-21 14:19	<input checked="" type="checkbox"/>	Amber Glass, 250mL	Solid	Sediment
2104131-02	A USMPDI-017SG-210412	<input checked="" type="checkbox"/>	12-Apr-21 11:16	<input checked="" type="checkbox"/>	Amber Glass, 250mL	Solid	Sediment
2104131-03	A USMPDI-020SG-210412	<input checked="" type="checkbox"/>	12-Apr-21 12:00	<input checked="" type="checkbox"/>	Amber Glass, 250mL	Solid	Sediment

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 NH4CH3CO2 None Other

Verified by/Date: A11

A11 04/15/21

EXTRACTION INFORMATION

Process Sheet
Workorder: 2104131

Prep Expiration: 2022-04-12
 Client: Anchor QEA, LLC

Workorder Due: 12-May-21 00:00

TAT: 28

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

Prep Batch: B1D0125
 Prep Data Entered: DG 04/20/21
Date and Initials
 Initial Sequence: S1D0056

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2104131-01	A <input checked="" type="checkbox"/>	USMPDI-005SG-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-02	<input checked="" type="checkbox"/>	USMPDI-017SG-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-03	<input checked="" type="checkbox"/>	USMPDI-020SG-210412	14-Apr-21 09:40	WR-2 D-6	

WO Comments: **1613: 10g dw**
1668A: 5g dw

Pre-Prep Check Out: AO 04/15/21
 Pre-Prep Check In: AO 04/15/21

Prep Check Out: DG 04/18/21
 Prep Check In: DG 04/18/21

Prep Reconciled Initials/Date: AO 04/15/21
 Spike Reconciled Initials/Date: DG 04/18/21
 VialBoxID: Pickle

PREPARATION BENCH SHEET

Matrix: Solid

B1D0125

Chemist: DG

Prep Date/Time: 18-Apr-21 12:47

Method: 1613 Full List
 Method: 1613 2.3.7.8-TCDD Only
 Method: 8290 2.3.7.8s Only

Prepared using: HRMS - Soxhlet

Column Packer: NA DG 04/19/21 DG 04/19/21 DG 04/20/21

Sox	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
B1	B1D0125-BLK1 (D)	NA	(10.00)	DG TC 04/18/21	DG TC 04/19/21	NA	DG 04/19/21	DG 04/19/21	DG 04/20/21	DG 04/20/21
B2	B1D0125-BS1	J	(10.00)							
B5	2104045-01 (A)(B)	4.47	4.58				Orange w/ Brown Rings			
B6	2104093-01 (A)(B)(C)(E)	11.26	11.79				Yellow Rings			
B7	2104093-05 (D)	11.52	11.95							
B8	2104093-09	12.20	12.69							
B9	2104098-01	4.02	4.11				Before Rings		NA	
B10	2104098-02 (B)	5.89	6.23						NA	
B11	2104129-01	11.07	11.42				Yellow Brown + Teal w/ Rings		DG 04/20/21	
B12	2104131-01	14.72	14.80				Yellow Black + Teal w/ Rings			
C1	2104131-02 (D)	27.77	27.86				Yellow Black + Teal w/ Red Rings		Indep Ring	
C2	2104131-03	28.50	29.04							

(D) DG 04/19/21 (A) Bubbling on rotovap DG 04/19/21 (B) Sample contained particulate after extraction DG 04/19/21
 (C) Some particulate left on 500ml unable to transfer to ABSG. DG 04/19/21
 (D) Small spill transferring 100ml Hexane to Florisil column. DG 04/20/21
 (E) Approached dryness on rotovap to FU. DG 04/20/21

IS: 21C0101, 10ul (V4)	Cycle Time	APP: SEFUN (SOX) SDS	Check Out: DG 04/18/21	Soxhlet Siphoned Chemist/Date: DG 04/18/21	Notes:
NS: 20F0107, 10ul (V4)	Start Date/Time 04/18/21 1355	SOLV: Toluene	Check In: DG 04/18/21	Vial Transfer Chemist/Date: DG 04/20/21	
PS/CRS: 20H2501, 10ul (V4)	Stop Date/Time 04/19/21 0700	Other: NA	Balance ID: HRMS-8		
RS: 20H2502, 10ul (V4)		Final Volume(s) 20ul C14			

- 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: B1D0125

Matrix: Solid

LabNumber	WetWeight Initial (g)	% Solids (Extraction Solids)	DryWeight Initial (g)	Final (uL)	Extracted	Ext By	Spike	SpikeAmount (uL)	ClientMatrix	Analysis
2104045-01 ✓	4.58 ✓	22.35294	1.0238	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Solid	1613 Full List
2104093-01 ✓	11.79 ✓	88.82979	10.4730	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Soil	8290 Full List
2104093-05 ✓	11.95 ✓	86.80203	10.3728	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Soil	8290 Full List
2104093-09 ✓	12.69 ✓	82	10.4058	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Soil	8290 Full List
2104098-01 ✓	4.11 ✓	49.74874	2.0447	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Sludge	1613 2,3,7,8-TCDD Only
2104098-02 ✓	6.23 ✓	33.97436	2.1166	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Sludge	1613 2,3,7,8-TCDD Only
2104129-01 ✓	11.42 ✓	90.35088	10.3181	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Solid	8290 2,3,7,8s Only
2104131-01 ✓	14.8 ✓	67.95322	10.0571	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Sediment	1613 Full List
2104131-02 ✓	27.86 ✓	36.01533	10.0339	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Sediment	1613 Full List
2104131-03 ✓	29.04 ✓	35.08523	10.1888	20 ✓	18-Apr-21 12:47 ✓	DG ✓			Sediment	1613 Full List
B1D0125-BLK1 ✓	10 ✓			20 ✓	18-Apr-21 12:47 ✓	DG ✓				QC
B1D0125-BS1 ✓	10 ✓			20 ✓	18-Apr-21 12:47 ✓	DG ✓	20F0107 ✓	10 ✓		QC

All bolded data on report verified against written benchsheet by (initial/date) DG 04/20/21

Process Sheet
 Workorder: **2104131**

RX

04/24/2021

Prep Expiration: 2022-04-12
 Client: Anchor QEA, LLC

Workorder Due: 12-May-21 00:00

TAT: 28

RUSH!

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

Prep Batch: BID0181

Prep Data Entered: IM 04/26/21
Date and Initials

Initial Sequence: SIP0077

LabSampleID	A/B	Prep Rec	Spike Rec	ClientSampleID	Date Received	Location	Comments
2104131-01		<input type="checkbox"/>	<input type="checkbox"/>	USMPDI-02000-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-02	A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USMPDI-017SG-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-03		<input type="checkbox"/>	<input type="checkbox"/>	USMPDI-02000-210412	14-Apr-21 09:40	WR-2 D-6	12-May-21 00:00

WO Comments: 1613: 10g dw
 1668A: 5g dw

Pre-Prep Check Out: NA
 Pre-Prep Check In: NA

Prep Check Out: DG 04/25/21
 Prep Check In: DG 04/25/21

Prep Reconciled Initials/Date: DG 04/25/21

Spike Reconciled Initials/Date: _____

VialBoxID: New Prospects 30

PREPARATION BENCH SHEET

Matrix: Solid

B1D0181

Chemist: DG

Method: 1613 Full List

Prep Date/Time: 22-Apr-21 15:09

Prepared using: HRMS - Soxhlet

Sox	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	Column Packer:	AP CHEM/DATE	ABSG CHEM/DATE	AA CHEM/DATE	Florisol CHEM/DATE	RS CHEM/WIT DATE
					N/A	OF 04/26/21	OF 04/26/21	OF 04/26/21		
A1	B1D0181-BLK1	NA	(10.00)	DG TC 04/25/21	IM 04/26/21	N/A	IM 04/26/21	IM 04/26/21	IM 04/26/21	IM TF 04/26/21
A2	B1D0181-BS1	NA	(10.00)							
A5	B1D0181-DUP1 2104188-04	27.39	27.50					brown/red, gray lines		
A6	2104002-03RE1	11.53	11.70							
A7	2104131-02RE1 (2)	27.77	27.83					brown, red, gray lines & yellow		
A8	2104185-01	23.29	23.47							
A9	2104185-02 (A)	24.95	25.03							
A10	2104185-03	24.06	24.22							
A11	2104185-04	20.17	20.67							
A12	2104188-01	24.21	24.57					brown, red, gray lines		
B1	2104188-02 (A)	24.91	25.30							
B2	2104188-03	26.72	26.87							
B3	2104188-04	27.39	27.78							
B5	2104188-05 (A)	28.11	28.24					brown, red, gray lines & yellow		
B6	2104188-06	28.64	28.95							

IS: <u>21C0101, 10µL (V9)</u>	Cycle Time	APP: SEFUN SOX SDS	Check Out: <u>DG 04/25/21</u>	Soxhlet Siphoned Chemist/Date: <u>DG 04/25/21</u>	Notes: (2) IM 04/26/21 (A) late to elute AA column w/ 20%. IM 04/26/21
NS: <u>20F0107, 10µL (V4)</u>	Start Date/Time: <u>04/25/21 1532</u>	SOLV: <u>Toluene</u>	Check In: <u>DG 04/25/21</u>	Vial Transfer Chemist/Date: <u>IM 04/26/21</u>	
PS/CRS: <u>20H2501, 10µL (V4)</u>	Stop Date/Time: <u>04/26/21 0737</u>	Other: <u>NA</u>	Balance ID: <u>HRMS-8</u>		
RS: <u>20H2502, 10µL (V)</u>		Final Volume(s): <u>20µL C14</u>			
Dioxin 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: B1D0181

Matrix: Solid

LabNumber	WetWeight Initial (g)	% Solids (Extraction Solids)	DryWeight Initial (g)	Final (uL)	Extracted	Ext By	Spike	SpikeAmount (uL)	ClientMatrix	Analysis
2104002-03RE1	11.7 ✓	86.70521	10.1445	20 ✓	25-Apr-21 08:00 ✓	DG ✓			Soil	1613 Full List
2104131-02RE1	27.83 ✓	36.01533	10.0231	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104185-01	23.47 ✓	42.93126	10.0760	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104185-02	25.03 ✓	40.24179	10.0725	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104185-03	24.22 ✓	41.56207	10.0663	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104185-04	30.67 ✓	33.14607	10.1659	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-01	24.57 ✓	41.30146	10.1478	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-02	25.3 ✓	40.14598	10.1569	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-03	26.87 ✓	37.42204	10.0553	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-04	27.78 ✓	36.50486	10.1411	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-05	28.24 ✓	35.57126	10.0453	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
2104188-06	28.95 ✓	34.91525	10.1080	20	25-Apr-21 08:00	DG			Sediment	1613 Full List
B1D0181-BLK1	10 ✓			20	25-Apr-21 08:00	DG				QC
B1D0181-BS1	10 ✓			20	25-Apr-21 08:00	DG	20F0107 ✓	10 ✓		QC
B1D0181-DUP1	27.5 ✓			20 ✓	25-Apr-21 08:00 ✓	DG ✓				QC

All bolded data on report verified against written benchsheet by (initial/date) IM 04/26/21

At 5-5-2021
ITZ

Process Sheet

Workorder: **2104131**

Prep Expiration: 2022-04-12
Client: Anchor QEA, LLC

Workorder Due: 12-May-21 00:00

TAT: 28

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

Prep Batch: BIE0058

Prep Data Entered: 00 05/12/21
Date and Initials

Initial Sequence: SIE0071

LabSampleID	A/B	Prep Rec	Spike Rec	ClientSampleID	Date Received	Location	Comments
2104131-01	↑	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	USMPDI-005SG-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-02		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	USMPDI-017SG-210412	14-Apr-21 09:40	WR-2 D-6	
2104131-03	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	USMPDI-020SG-210412	14-Apr-21 09:40	WR-2 D-6	

WO Comments: **1613: 10g dw**
1668A: 5g dw

Pre-Prep Check Out: NA
Pre-Prep Check In: NA

Prep Check Out: AK 05/04/21
Prep Check In: AK 05/08/21

Prep Reconciled Initials/Date: AK 05/08/21
Spike Reconciled Initials/Date: DG 05/08/21
VialBoxID: Dakar

PREPARATION BENCH SHEET

Matrix: Solid

B1E0058

Chemist: AG
Prep Date/Time: 08-May-21 13:37

Method: 1668A Full List

Prepared using: HRMS - Soxhlet

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
	B1E0058-BLK1	NA	(10.00)	AG 05/08/21	AG 05/11/21	NA	AG 05/11/21	NA	NA	AG 05/11/21
	B1E0058-BS1	NA	(10.00)							
	B1E0058-DUP1	13.70	13.72							
	2104188-04RE1									
	2104131-01RE1	7.36	7.40							
	2104131-02RE1	13.88	13.88							
	2104131-03RE1	14.25	14.31							
	2104185-01RE1	11.65	11.67							
	2104185-02RE1	12.42	12.42							
	2104185-03RE1	12.03	12.06							
	2104185-04RE1	15.08	15.07							
	2104188-01RE1	12.11	12.14							
	2104188-02RE1	12.45	12.50							
	2104188-03RE1	13.36	13.34							
	2104188-04RE1	13.70	13.76							
	2104188-05RE1	14.06	14.05							

IS: 20J1204, 10ML (V3)	Cycle Time	APP: SEFUN (SOX) SDS	Check Out: AG 05/08/21	Soxhlet Siphoned Chemist/Date: AG 05/08/21	Notes:
NS: 20J1205, 10ML (V6)	Start Date/Time: 1600 05/08/21	SOLV: Toluene	Check In: AG 05/08/21	Vial Transfer Chemist/Date: AG 05/12/21	
PS/CRS: 20J1206, 10ML (V4)	Stop Date/Time: 0840 05/09/21	Other: NA	Balance ID: HRMS-9		
RS: 20J1208, 10ML (V4)		Final Volume(s): C9			
Diox/F PCB PAH PEST PBDE HCB		100ML			

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

PREPARATION BENCH SHEET

Matrix: Solid

B1E0058

Chemist: 

Method: 1668A Full List

Prep Date/Time: 08-May-21 08:00

Prepared using: HRMS - Soxhlet

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
	2104188-06RE1	14.32	14.36	05/08/21	05/11/21	NA	05/11/21	NA	NA	05/11/21

IS: 20J1204, 10ul, (V3)	Cycle Time	APP: SEFUM SOX SDS	Check Out: 05/08/21	Soxhlet Siphoned Chemist/Date: 05/08/21	Notes:
NS: 20J1205, 10ul, (V6)	Start Date/Time	SOLV: Toluene	Check In: 05/08/21	Vial Transfer Chemist/Date: 05/12/21	
PS/CRS: 20J1206, 10ul, (V4)	Stop Date/Time	Other: NA	Balance ID: HRMS-8		
RS: 20J1208, 10ul, (V4)		Final Volume(s): C9 100ul			
Diox/F PCB PAH PEST PBDE HCB 05/09/21					

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: B1E0058

Matrix: Solid

LabNumber	WetWeight Initial (g)	% Solids (Extraction Solids)	DryWeight Initial (g)	Final (uL)	Extracted	Ext By	Spike	SpikeAmount (uL)	ClientMatrix	Analysis
2104131-01RE1	7.4	67.95322	5.0285	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104131-02RE1	13.88	36.01533	4.9989	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104131-03RE1	14.31	35.08523	5.0207	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104185-01RE1	11.67	42.93126	5.0101	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104185-02RE1	12.42	40.24179	4.9980	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104185-03RE1	12.06	41.56207	5.0124	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104185-04RE1	15.07	33.14607	4.9951	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-01RE1	12.14	41.30146	5.0140	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-02RE1	12.5	40.14598	5.0182	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-03RE1	13.34	37.42204	4.9921	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-04RE1	13.76	36.50486	5.0231	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-05RE1	14.05	35.57126	4.9978	100	08-May-21 08:00	JG			Sediment	1668A Full List
2104188-06RE1	14.36	34.91525	5.0138	100	08-May-21 08:00	JG			Sediment	1668A Full List
B1E0058-BLK1	5			100	08-May-21 13:37	JG				QC
B1E0058-BS1	5			100	08-May-21 13:37	JG	20J1205	10		QC
B1E0058-DUP1	13.72	36.50486	5.00846	100	08-May-21 13:37	JG				QC

All bolded data on report verified against written benchsheet by (initial/date) AO 05/12/21

SAMPLE DATA – EPA METHOD 1613

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_7.qld

Last Altered: Sunday, April 25, 2021 12:40:32 Pacific Daylight Time

Printed: Sunday, April 25, 2021 12:41:20 Pacific Daylight Time

HN 04/25/21

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

C704/26/2021

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-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	0.929	10.000	26.802		1.001				0.0532	
2	2 1,2,3,7,8-PeCDD			NO	0.826	10.000	31.181		1.001				0.248	
3	3 1,2,3,4,7,8-HxCDD			NO	0.972	10.000	34.529		1.001				0.125	
4	4 1,2,3,6,7,8-HxCDD			NO	0.877	10.000	34.654		1.001				0.127	
5	5 1,2,3,7,8,9-HxCDD			NO	0.874	10.000	34.927		1.000				0.124	
6	6 1,2,3,4,6,7,8-HpCDD			NO	0.899	10.000	38.301		1.000				0.0710	
7	7 OCDD			NO	0.852	10.000	41.388		1.000				0.171	
8	8 2,3,7,8-TCDF			NO	0.747	10.000	26.151		1.000				0.0396	
9	9 1,2,3,7,8-PeCDF			NO	0.877	10.000	29.977		1.000				0.0927	
10	10 2,3,4,7,8-PeCDF			NO	0.962	10.000	31.006		1.001				0.0805	
11	11 1,2,3,4,7,8-HxCDF			NO	0.920	10.000	33.576		1.000				0.0678	
12	12 1,2,3,6,7,8-HxCDF			NO	0.936	10.000	33.722		1.001				0.0493	
13	13 2,3,4,6,7,8-HxCDF			NO	0.973	10.000	34.424		1.001				0.0757	
14	14 1,2,3,7,8,9-HxCDF			NO	0.940	10.000	35.492		1.000				0.107	
15	15 1,2,3,4,6,7,8-HpCDF			NO	1.05	10.000	37.108		1.000				0.0819	
16	16 1,2,3,4,7,8,9-HpCDF			NO	1.05	10.000	38.971		1.000				0.0857	
17	17 OCDF			NO	0.771	10.000	41.713		1.000				0.0961	
18	18 13C-2,3,7,8-TCDD	2.06e5	0.78	NO	1.10	10.000	26.761	26.77	1.027	1.027	178.97	89.5	0.232	
19	19 13C-1,2,3,7,8-PeCDD	1.37e5	0.60	NO	0.864	10.000	31.157	31.15	1.196	1.195	151.63	75.8	0.358	
20	20 13C-1,2,3,4,7,8-HxCDD	9.96e4	1.31	NO	0.746	10.000	34.496	34.51	1.014	1.014	166.33	83.2	1.09	
21	21 13C-1,2,3,6,7,8-HxCDD	1.15e5	1.30	NO	0.847	10.000	34.615	34.63	1.017	1.018	169.47	84.7	0.964	
22	22 13C-1,2,3,7,8,9-HxCDD	1.14e5	1.26	NO	0.868	10.000	34.914	34.92	1.026	1.026	163.47	81.7	0.941	
23	23 13C-1,2,3,4,6,7,8-HpCDD	9.99e4	1.06	NO	0.664	10.000	38.266	38.29	1.125	1.125	187.53	93.8	1.24	
24	24 13C-OCDD	1.25e5	0.88	NO	0.561	10.000	41.216	41.38	1.211	1.216	278.65	69.7	0.812	
25	25 13C-2,3,7,8-TCDF	3.58e5	0.79	NO	1.09	10.000	26.149	26.15	1.003	1.003	234.47	117	0.348	
26	26 13C-1,2,3,7,8-PeCDF	2.30e5	1.63	NO	0.809	10.000	29.883	29.97	1.147	1.150	203.90	102	0.616	
27	27 13C-2,3,4,7,8-PeCDF	2.27e5	1.62	NO	0.803	10.000	30.847	30.98	1.184	1.189	202.45	101	0.621	
28	28 13C-1,2,3,4,7,8-HxCDF	1.49e5	0.49	NO	1.01	10.000	33.567	33.57	0.987	0.986	183.92	92.0	0.961	
29	29 13C-1,2,3,6,7,8-HxCDF	1.93e5	0.49	NO	1.07	10.000	33.696	33.70	0.990	0.990	224.19	112	0.906	
30	30 13C-2,3,4,6,7,8-HxCDF	1.31e5	0.50	NO	0.910	10.000	34.387	34.40	1.011	1.011	179.74	89.9	1.07	

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_7.qld

Last Altered: Sunday, April 25, 2021 12:40:32 Pacific Daylight Time

Printed: Sunday, April 25, 2021 12:41:20 Pacific Daylight Time

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-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
31	31 13C-1,2,3,7,8,9-HxCDF	1.06e5	0.49	NO	0.828	10.000	35.466	35.48	1.042	1.043	160.02	80.0	1.17	
32	32 13C-1,2,3,4,6,7,8-HpCDF	8.42e4	0.41	NO	0.661	10.000	37.075	37.09	1.090	1.090	158.75	79.4	1.01	
33	33 13C-1,2,3,4,7,8,9-HpCDF	7.45e4	0.41	NO	0.566	10.000	38.838	38.96	1.141	1.145	164.21	82.1	1.18	
34	34 13C-OCDF	1.50e5	0.87	NO	0.663	10.000	41.604	41.70	1.223	1.226	281.58	70.4	0.905	
35	35 37Cl-2,3,7,8-TCDD	1.97e5			2.07	10.000	26.962	26.78	1.035	1.028	91.223	114	0.0505	
36	36 13C-1,2,3,4-TCDD	2.09e5	0.76	NO	1.00	10.000	26.070	26.06	1.000	1.000	200.00	100	0.257	
37	37 13C-1,2,3,4-TCDF	2.79e5	0.78	NO	1.00	10.000	24.760	24.74	1.000	1.000	200.00	100	0.380	
38	38 13C-1,2,3,4,6,9-HxCDF	1.60e5	0.49	NO	1.00	10.000	34.040	34.03	1.000	1.000	200.00	100	0.972	
39	39 Total Tetra-Dioxins				0.929	10.000	24.620		0.000				0.0319	
40	40 Total Penta-Dioxins				0.826	10.000	29.960		0.000				0.183	
41	41 Total Hexa-Dioxins				0.877	10.000	33.635		0.000				0.0737	
42	42 Total Hepta-Dioxins				0.899	10.000	37.640		0.000				0.0425	
43	43 Total Tetra-Furans				0.747	10.000	23.610		0.000				0.0208	
44	44 1st Func. Penta-Furans				0.877	10.000	26.930		0.000				0.0196	
45	45 Total Penta-Furans				0.877	10.000	29.275		0.000				0.0336	
46	46 Total Hexa-Furans				0.973	10.000	33.555		0.000				0.0435	
47	47 Total Hepta-Furans				1.05	10.000	37.835		0.000				0.0412	

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_7.qld

Last Altered: Sunday, April 25, 2021 12:40:32 Pacific Daylight Time

Printed: Sunday, April 25, 2021 12:41:20 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-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												

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_7.qld

Last Altered: Sunday, April 25, 2021 12:40:32 Pacific Daylight Time

Printed: Sunday, April 25, 2021 12:41:20 Pacific Daylight Time

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-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												

Hepta-Furans

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

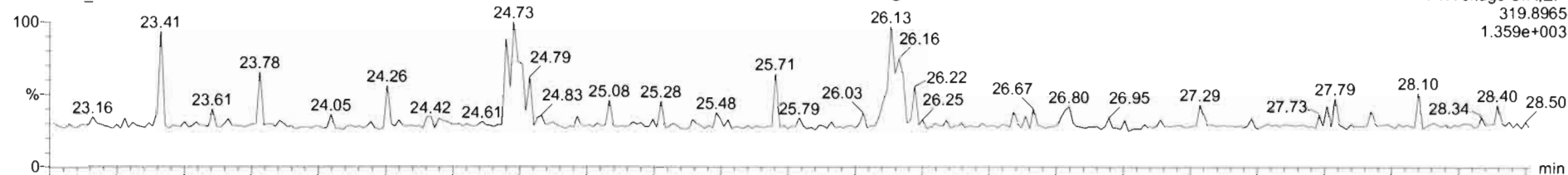
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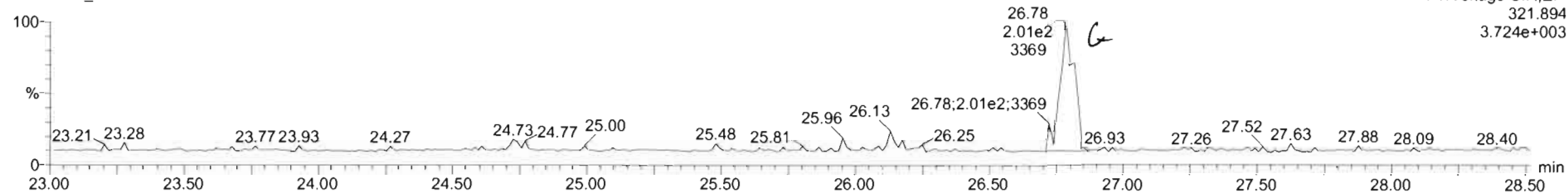
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2,3,7,8-TCDD

210421R2_7

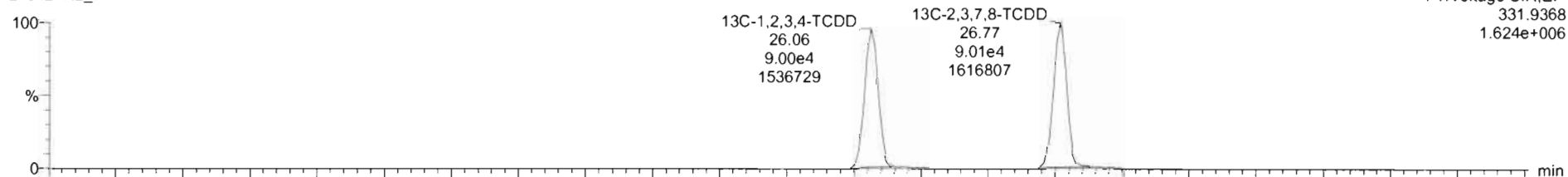


210421R2_7

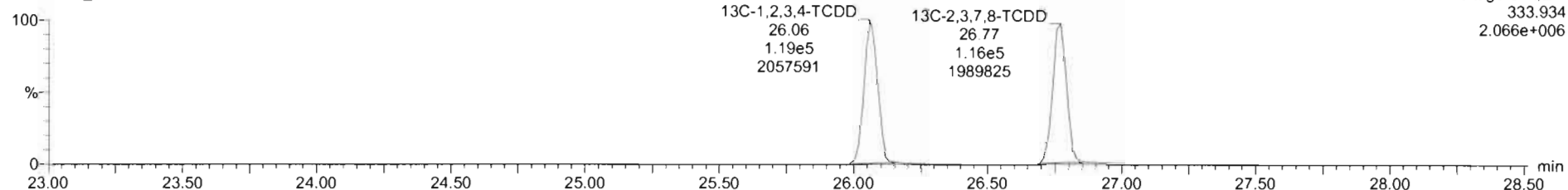


13C-2,3,7,8-TCDD

210421R2_7



210421R2_7



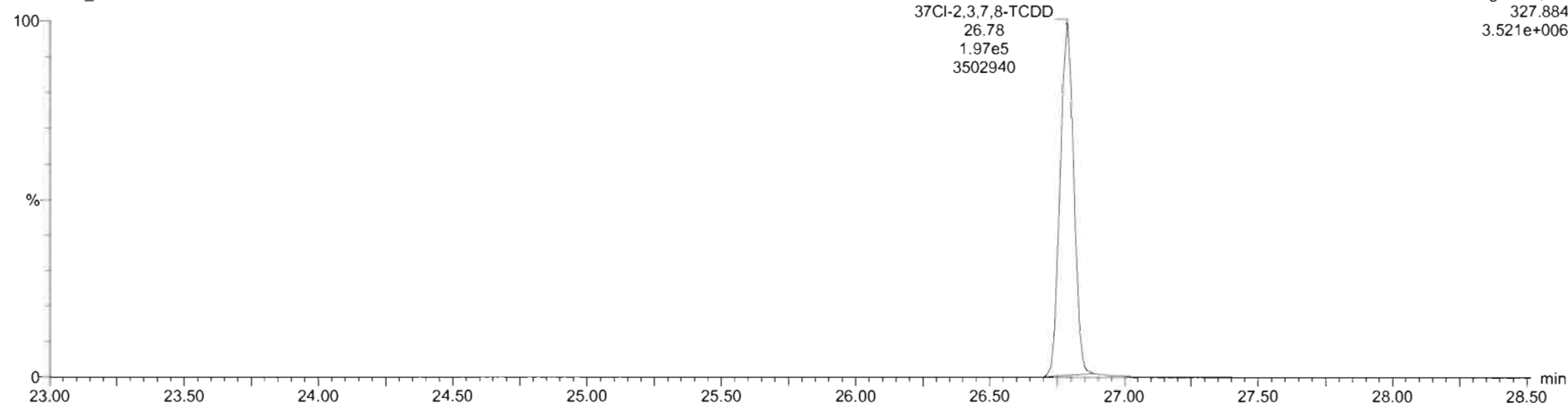
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

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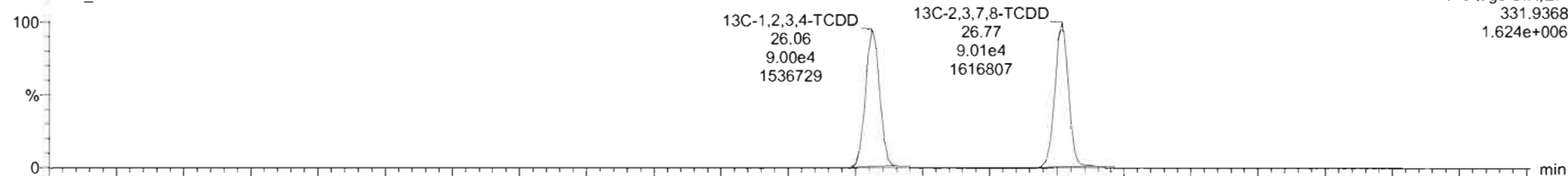
37Cl-2,3,7,8-TCDD

210421R2_7

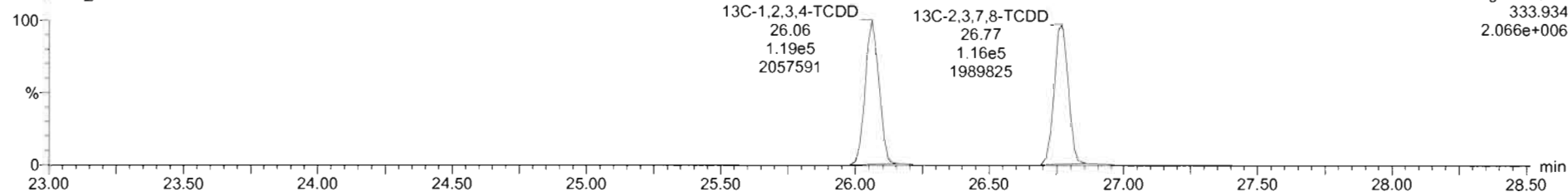


13C-1,2,3,4-TCDD

210421R2_7



210421R2_7



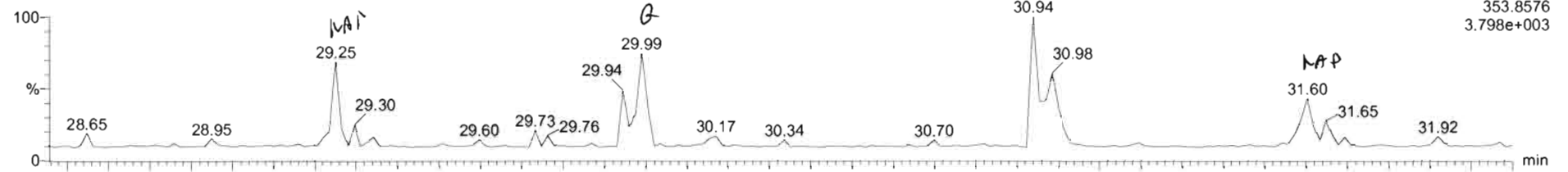
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

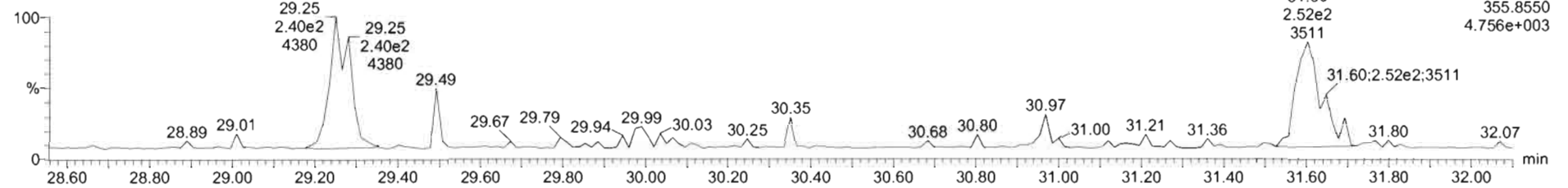
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1,2,3,7,8-PeCDD

210421R2_7

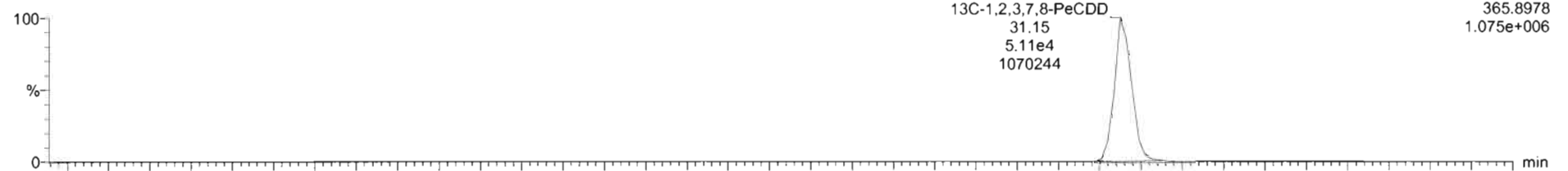


210421R2_7

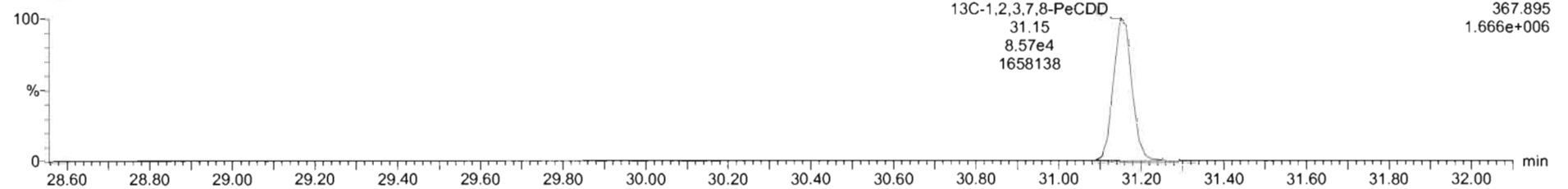


13C-1,2,3,7,8-PeCDD

210421R2_7



210421R2_7



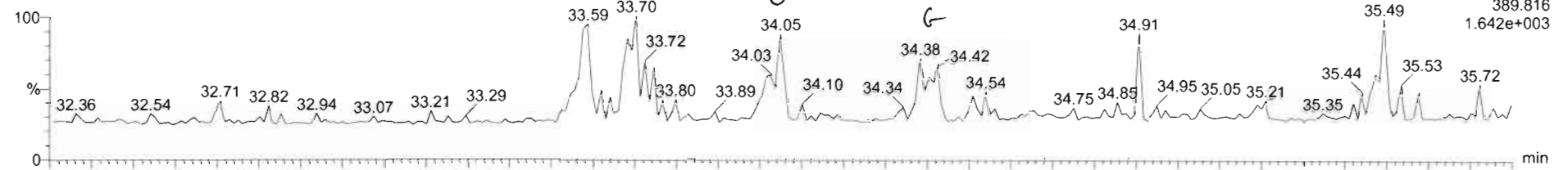
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

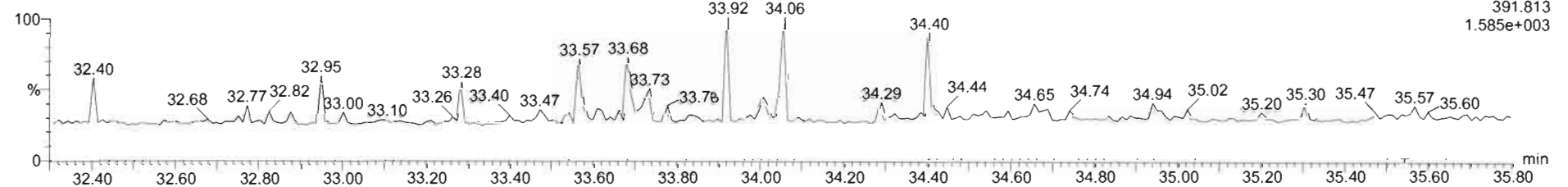
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1,2,3,4,7,8-HxCDD

210421R2_7

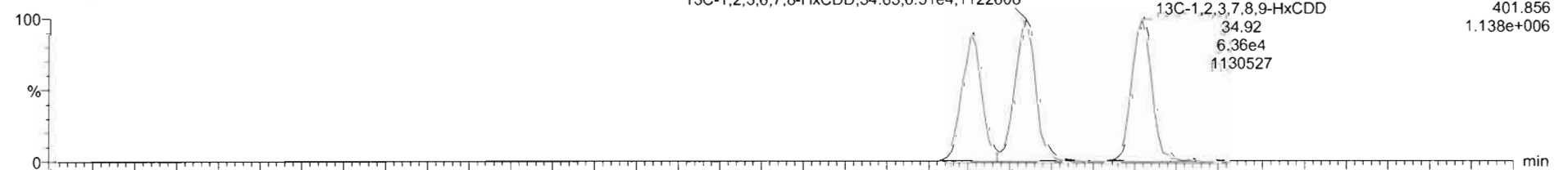


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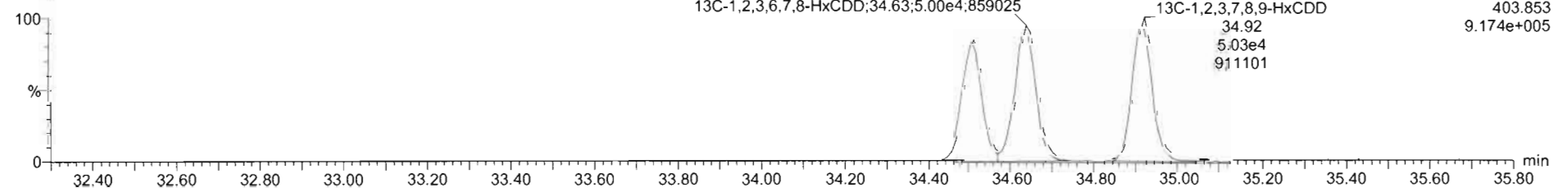


13C-1,2,3,4,7,8-HxCDD

210421R2_7



210421R2_7



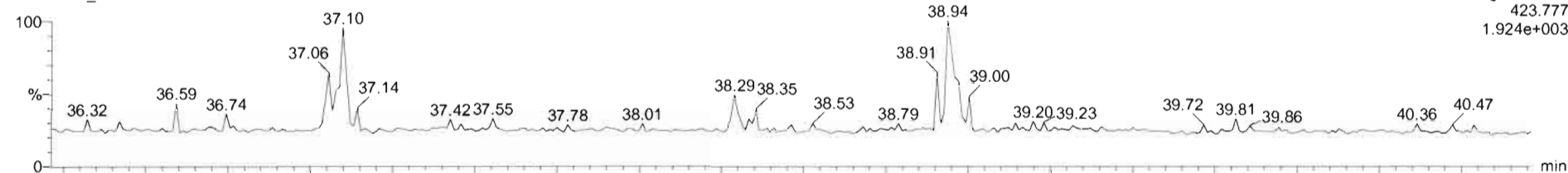
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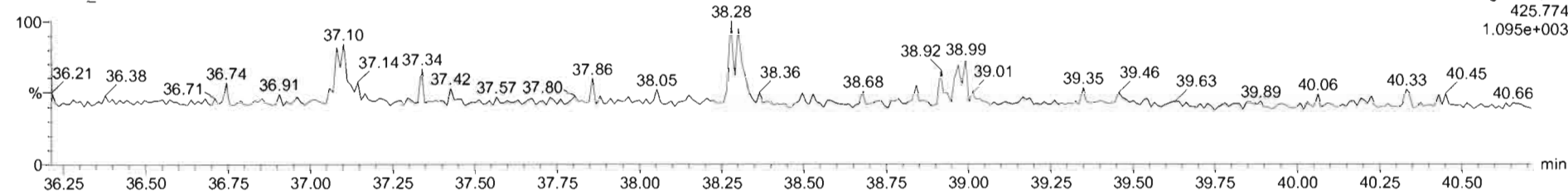
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1,2,3,4,6,7,8-HpCDD

210421R2_7

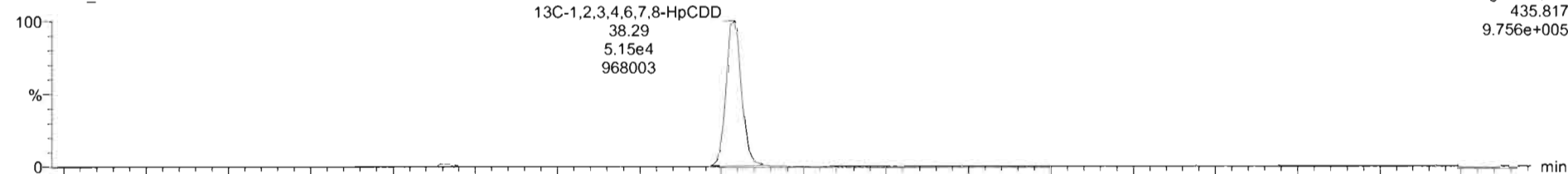


210421R2_7

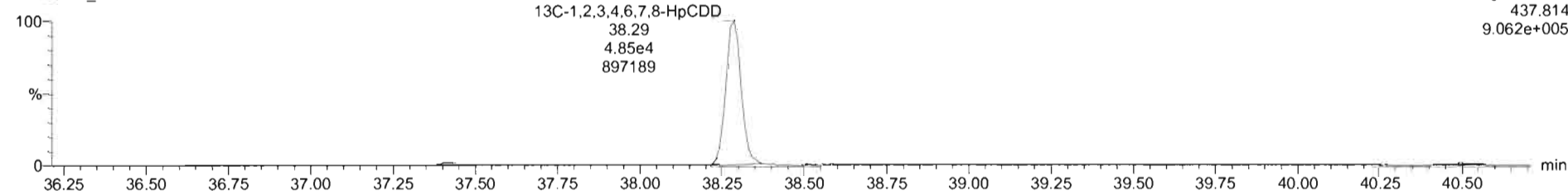


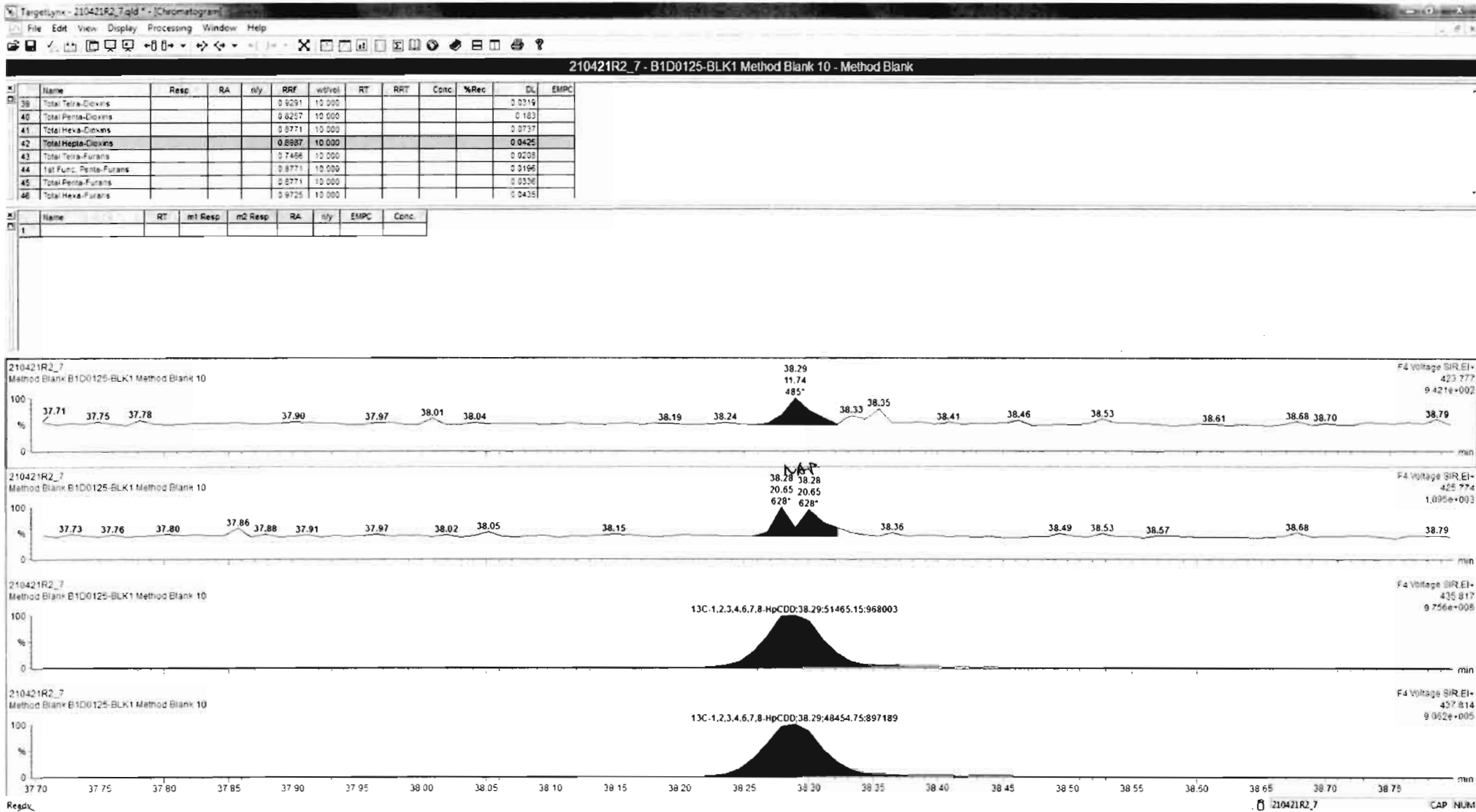
13C-1,2,3,4,6,7,8-HpCDD

210421R2_7



210421R2_7





Dataset: Untitled

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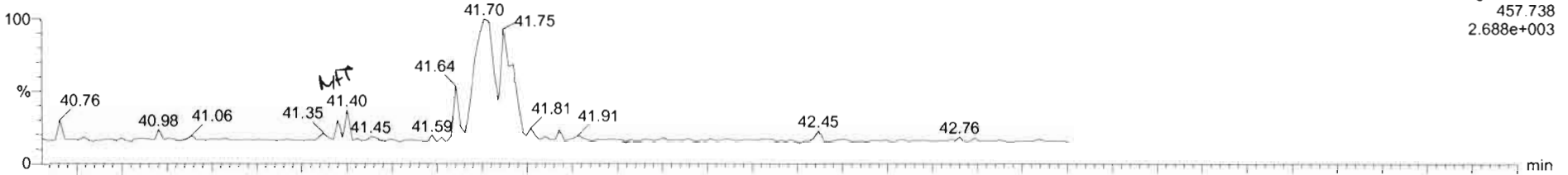
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Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-BLK1 Method Blank 10, Description: Method Blank

OCDD

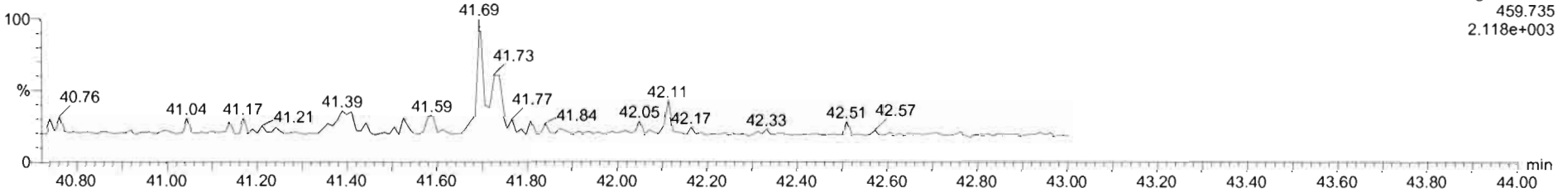
210421R2_7

F5:Voltage SIR,EI+
457.738
2.688e+003



210421R2_7

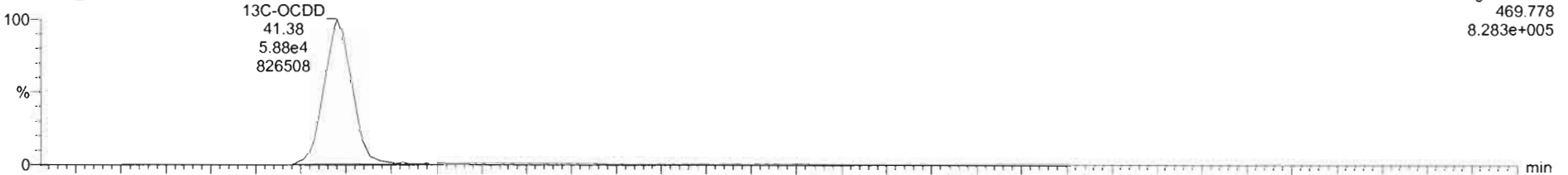
F5:Voltage SIR,EI+
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2.118e+003



13C-OCDD

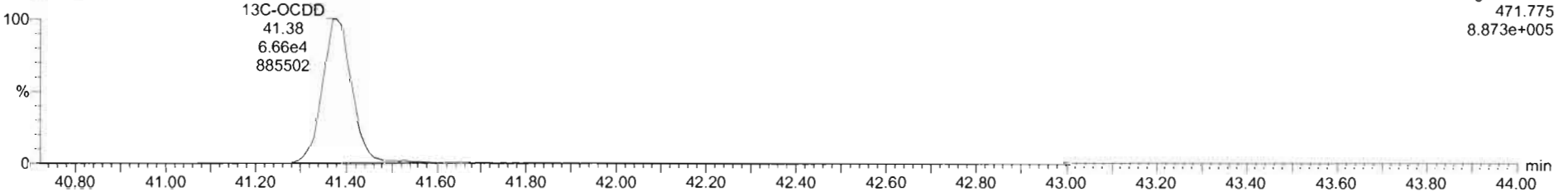
210421R2_7

F5:Voltage SIR,EI+
469.778
8.283e+005



210421R2_7

F5:Voltage SIR,EI+
471.775
8.873e+005

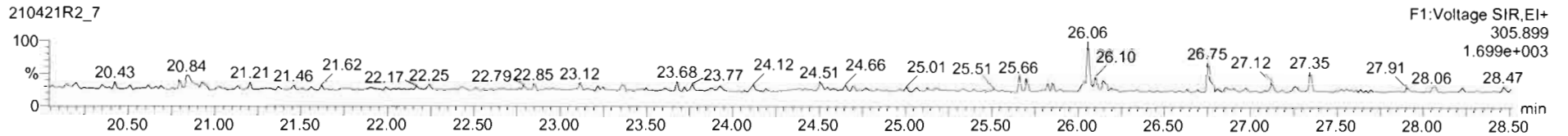
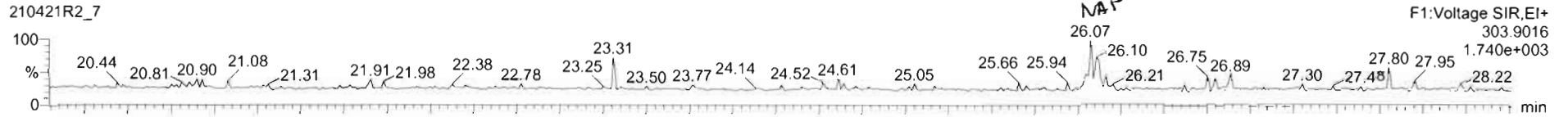


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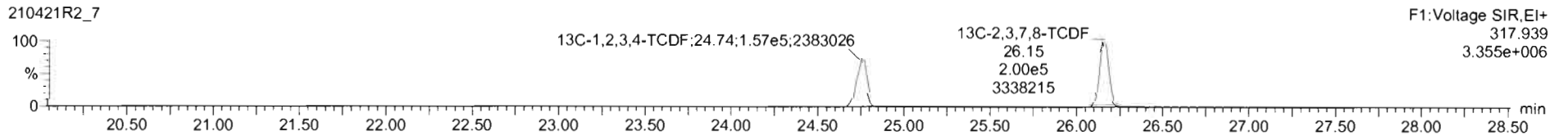
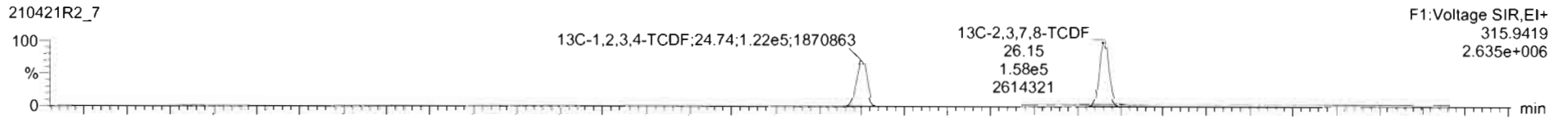
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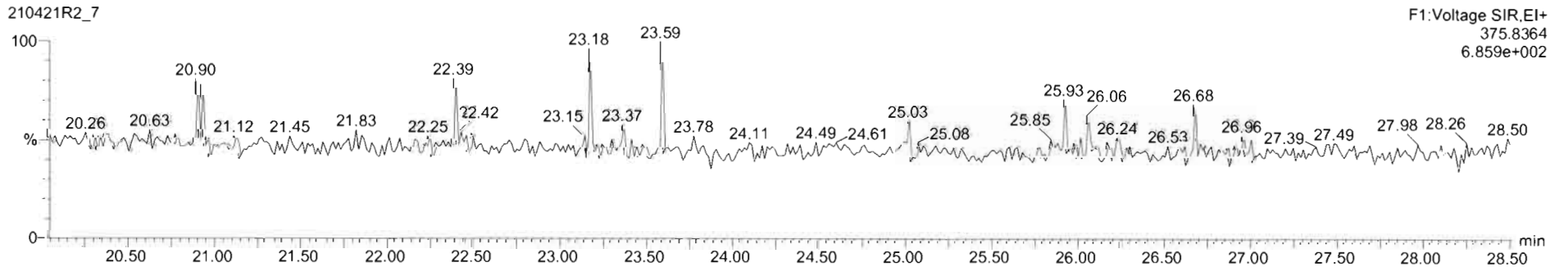
2,3,7,8-TCDF



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



DPE1



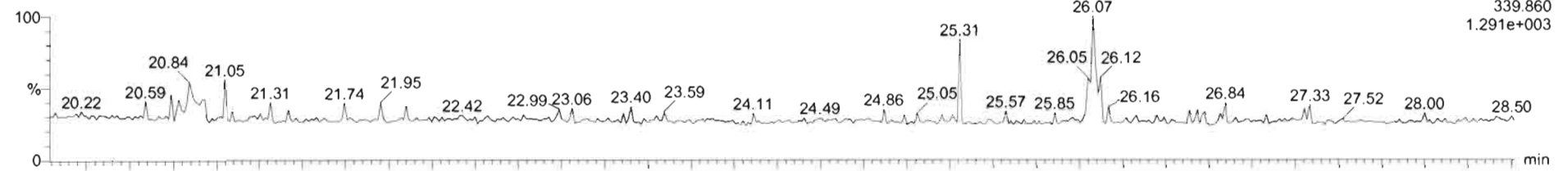
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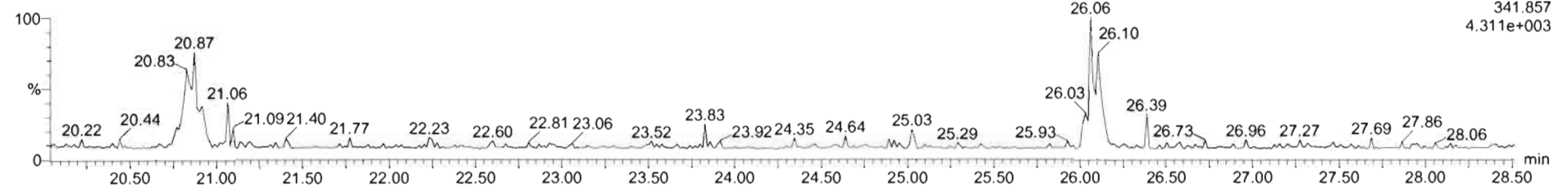
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1st Func. Penta-Furans

210421R2_7

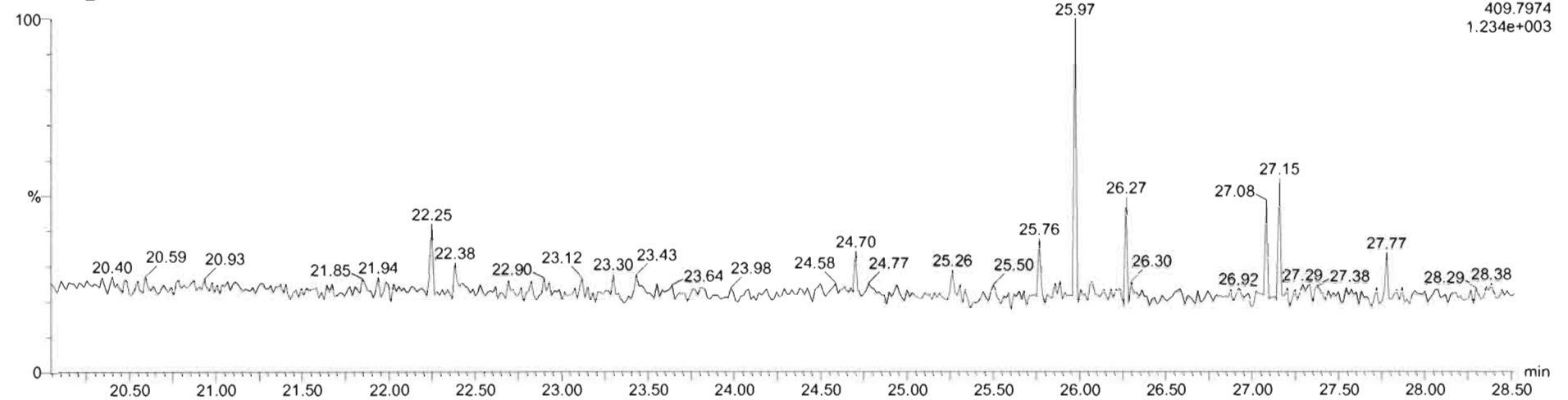


210421R2_7



DPE6

210421R2_7



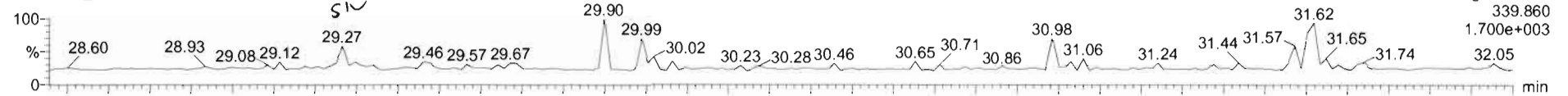
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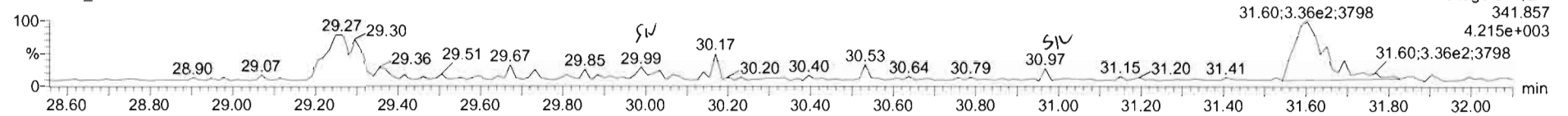
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1,2,3,7,8-PeCDF

210421R2_7

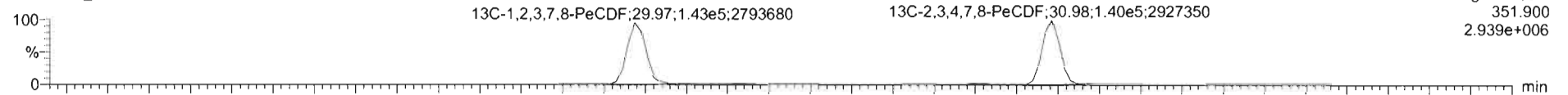


210421R2_7

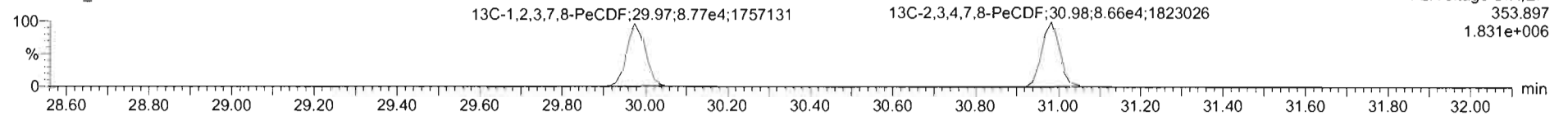


13C-1,2,3,7,8-PeCDF

210421R2_7

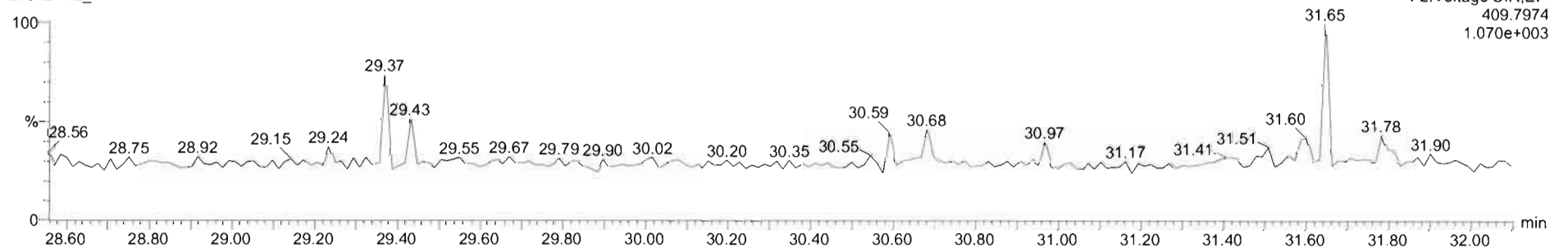


210421R2_7



DPE2

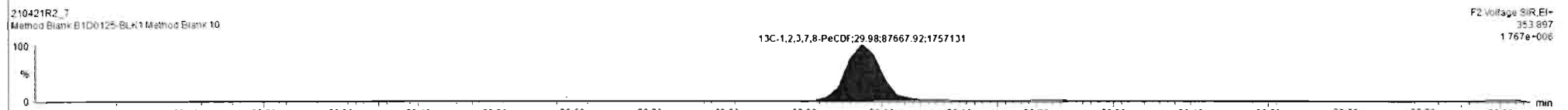
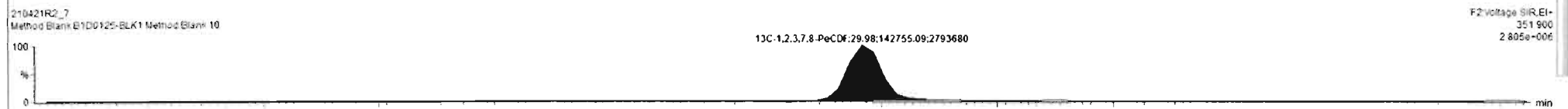
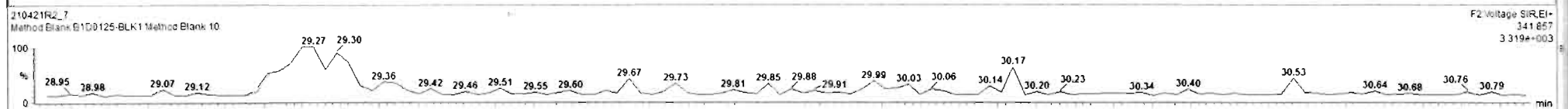
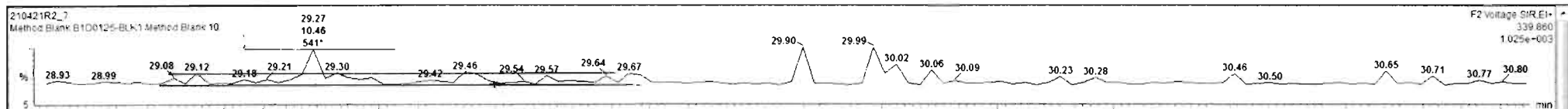
210421R2_7



210421R2_7 - B1D0125-BLK1 Method Blank 10 - Method Blank

Name	Resp	RA	n/y	RRF	std/val	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.000					0.0319	
40 Total Penta-Dioxins				0.6267	10.000					0.183	
41 Total Hexa-Dioxins				0.8771	10.000					0.0737	
42 Total Hepta-Dioxins				0.8927	10.000					0.0425	
43 Total Tetra-Furans				0.7466	10.000					0.0206	
44 1st Func. Penta-Furans				0.8771	10.000					0.0186	
45 Total Penta-Furans				0.8771	10.000					0.0336	
46 Total Hexa-Furans				0.9725	10.000					0.0435	

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

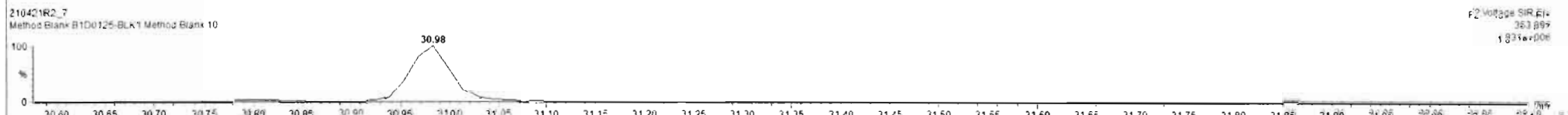
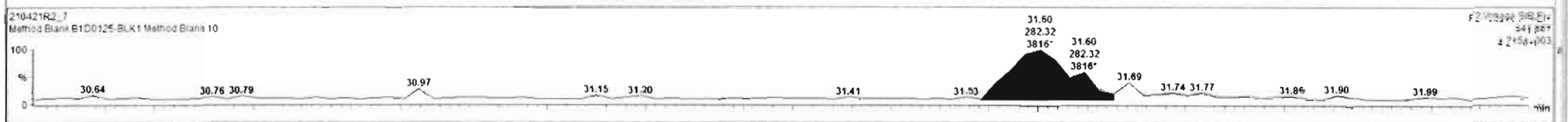
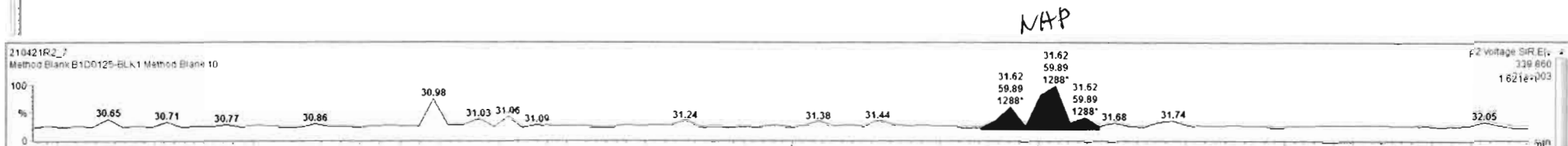




210421R2_7 - B1D0125-BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	n/y	RRF	wt/dil	RT	RRT	Conc	%Rec	DL	EMPC
39	Total Tetra-Dioxins				0.9291	10.000					0.0319	
40	Total Penta-Dioxins				0.0257	10.000					0.183	
41	Total Hexa-Dioxins				0.0771	10.000					0.0737	
42	Total Hepta-Dioxins				0.0987	10.000					0.0420	
43	Total Tetra-Furans				0.7466	10.000					0.0208	
44	1st Func. Penta-Furans				0.0771	10.000					0.0196	
45	Total Penta-Furans				0.0771	10.000					0.0336	
46	Total Hexa-Furans				0.9725	10.000					0.0435	

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

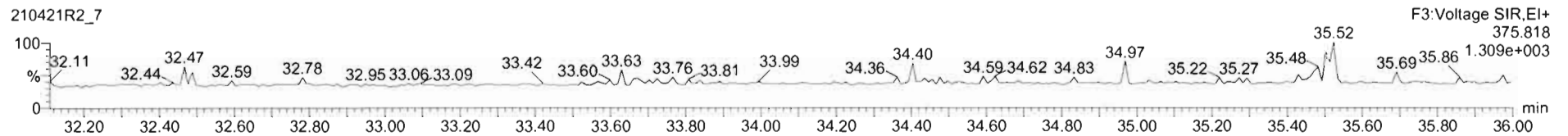
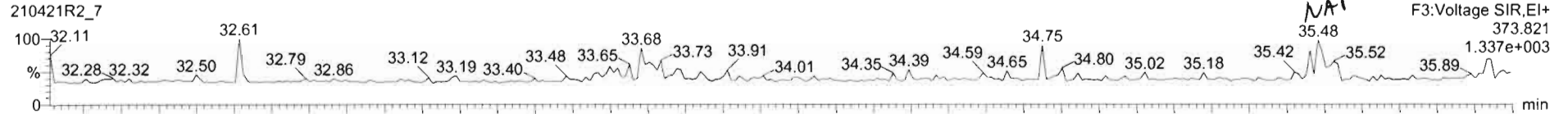


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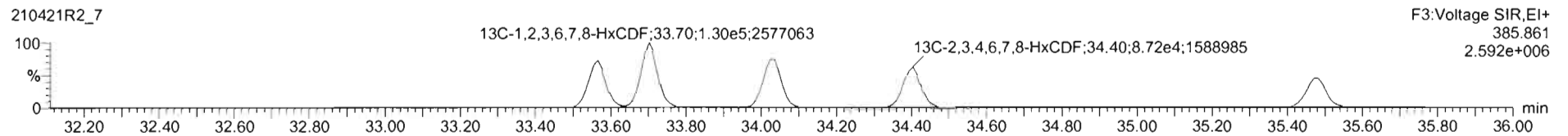
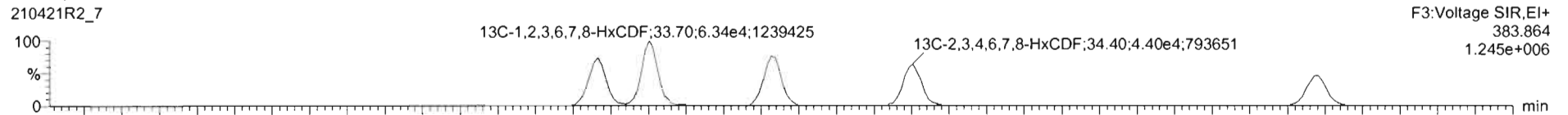
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-BLK1 Method Blank 10, Description: Method Blank

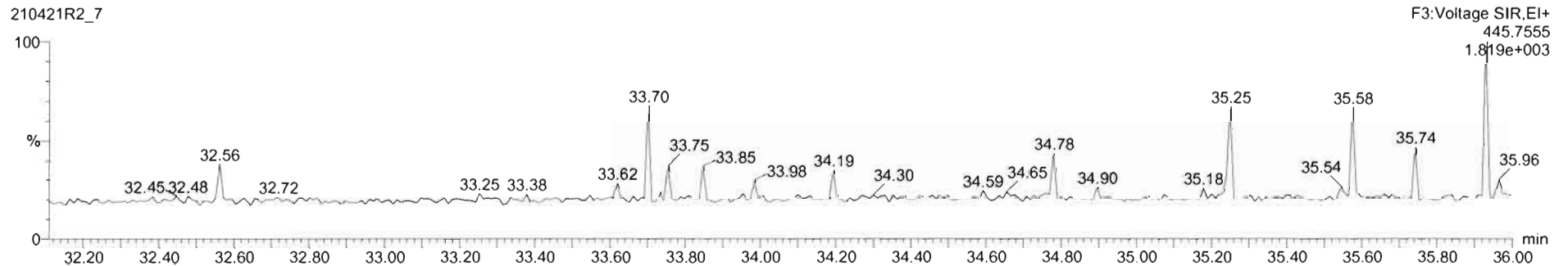
1,2,3,4,7,8-HxCDF



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



DPE3



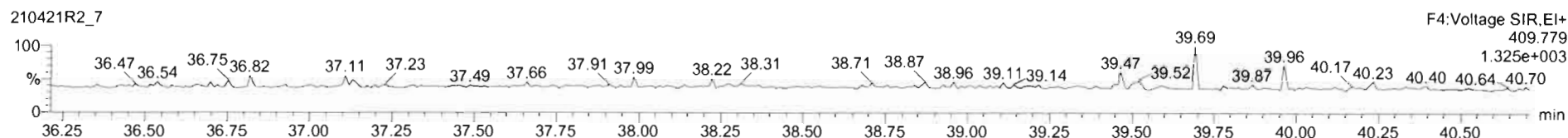
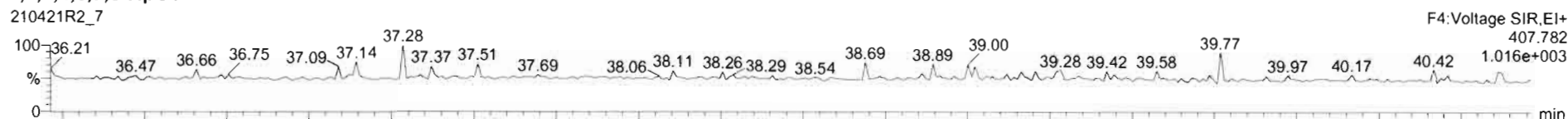
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Last Altered: Friday, April 23, 2021 13:22:47 Pacific Daylight Time

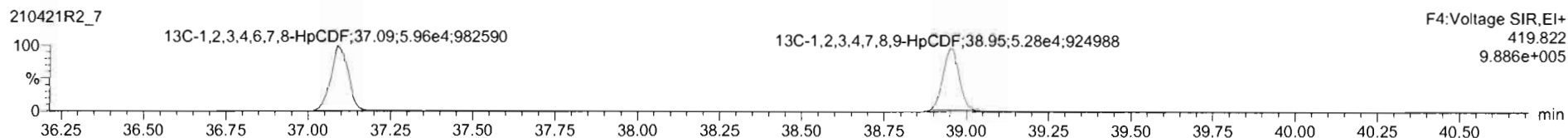
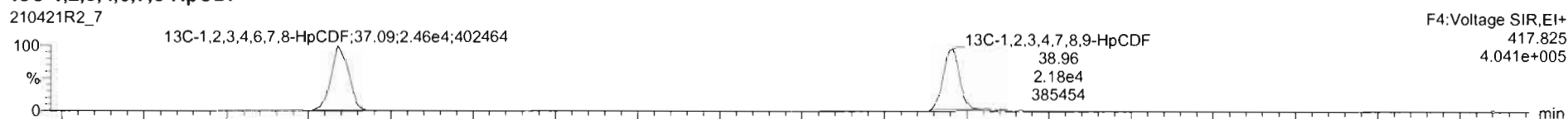
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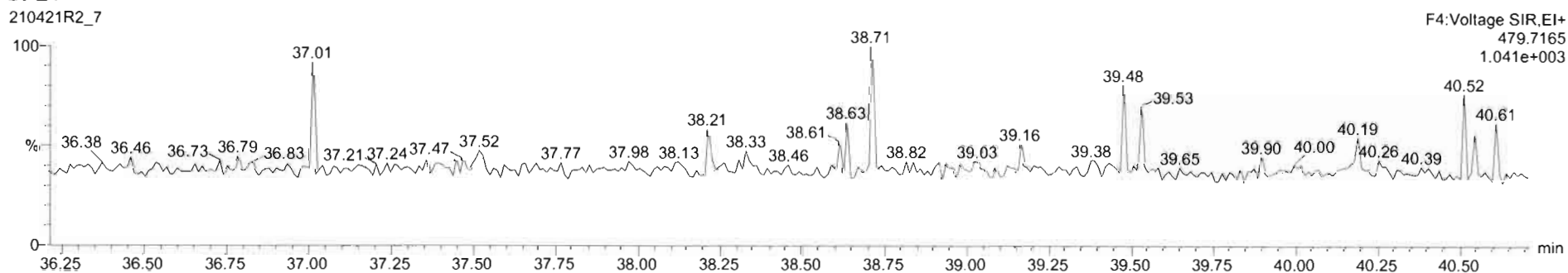
1,2,3,4,6,7,8-HpCDF



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



DPE4

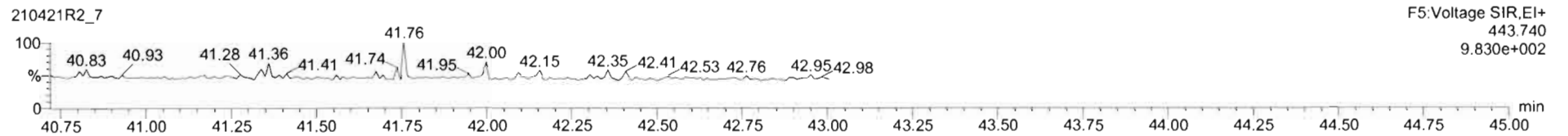
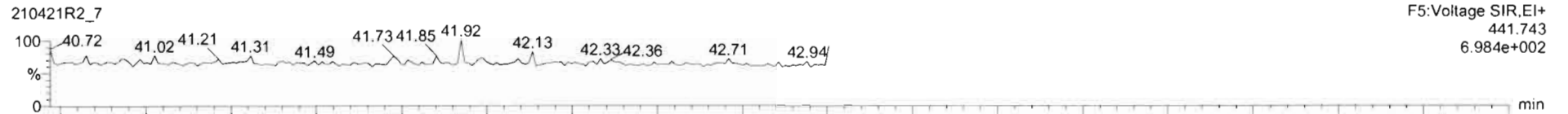


Dataset: Untitled

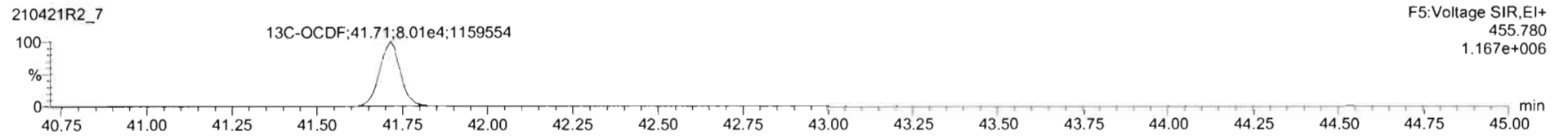
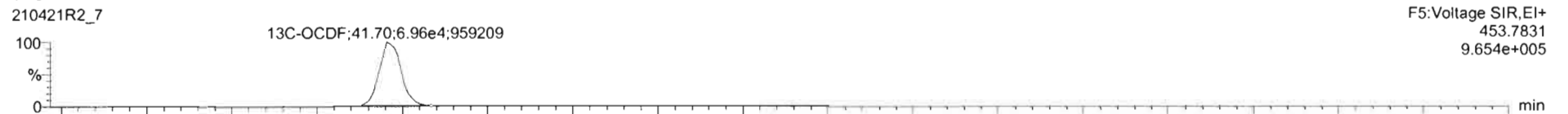
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-BLK1 Method Blank 10, Description: Method Blank

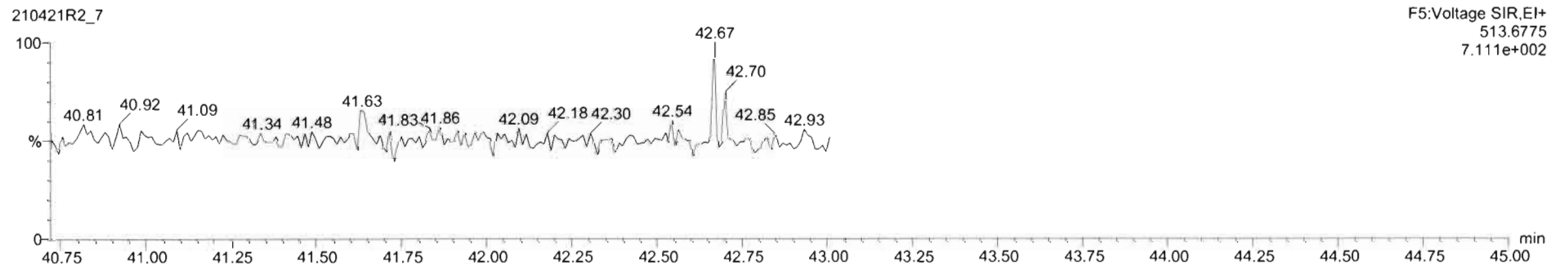
OCDF



13C-OCDF



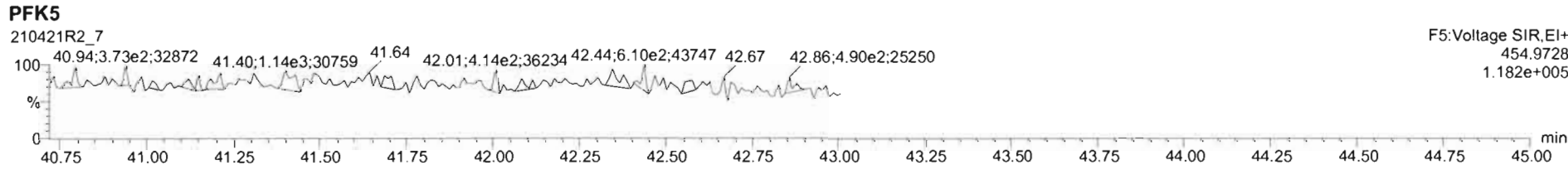
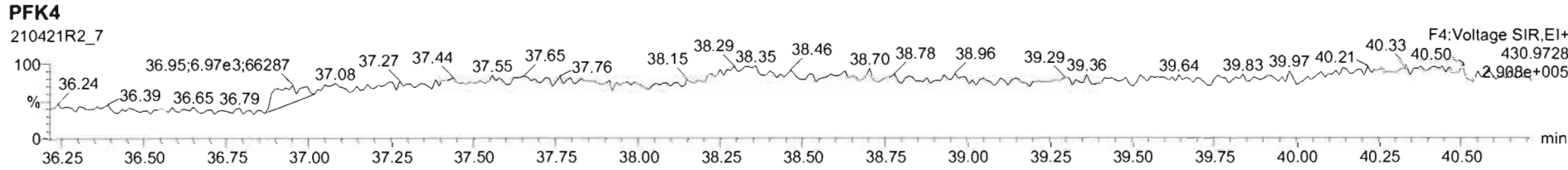
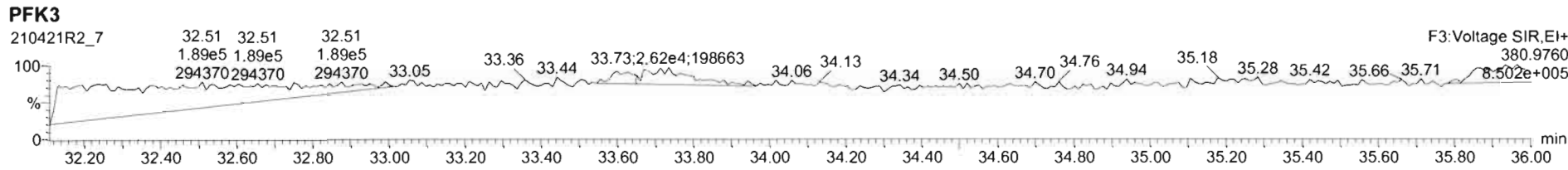
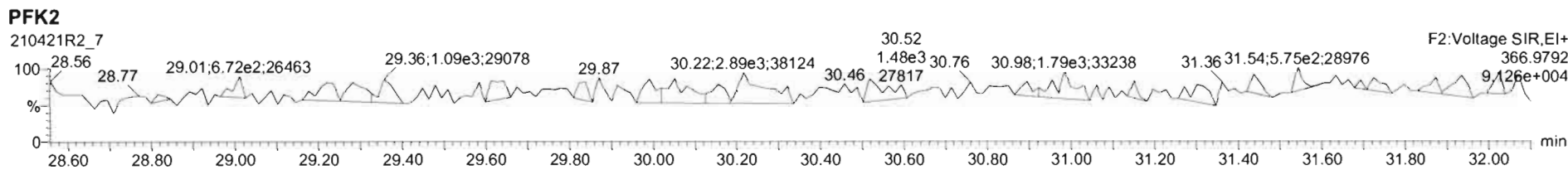
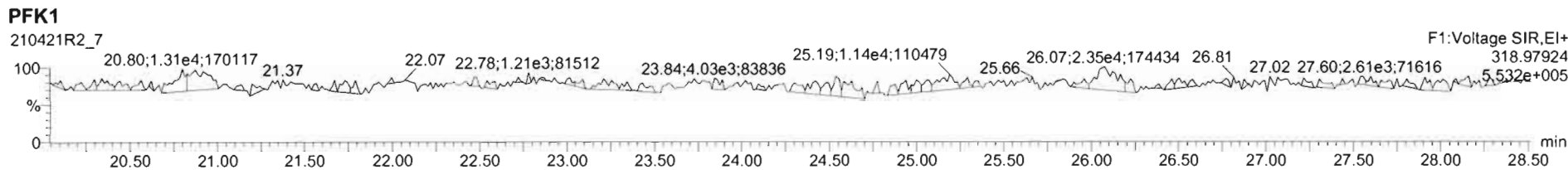
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Printed: Friday, April 23, 2021 13:22:49 Pacific Daylight Time

Name: 210421R2_7, Date: 22-Apr-2021, Time: 01:32:03, ID: B1D0125-BLK1 Method Blank 10, Description: Method Blank



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HN 04/25/21

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07/04/20/2021

Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-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	2.01e4	0.73	NO	0.929	10.000	26.802	26.78	1.001	1.001	21.286		0.0824	21.3
2	2 1,2,3,7,8-PeCDD	7.35e4	0.60	NO	0.826	10.000	31.197	31.18	1.001	1.000	105.25		0.300	105
3	3 1,2,3,4,7,8-HxCDD	5.48e4	1.25	NO	0.972	10.000	34.519	34.52	1.001	1.001	105.53		0.427	106
4	4 1,2,3,6,7,8-HxCDD	5.59e4	1.26	NO	0.877	10.000	34.644	34.64	1.001	1.001	105.90		0.418	106
5	5 1,2,3,7,8,9-HxCDD	5.34e4	1.23	NO	0.874	10.000	34.926	34.93	1.000	1.000	107.50		0.432	108
6	6 1,2,3,4,6,7,8-HpCDD	4.59e4	1.03	NO	0.899	10.000	38.279	38.28	1.000	1.000	101.59		0.618	102
7	7 OCDD	5.02e4	0.88	NO	0.852	10.000	41.346	41.36	1.000	1.001	203.27		0.900	203
8	8 2,3,7,8-TCDF	2.58e4	0.70	NO	0.747	10.000	26.152	26.18	1.000	1.001	18.235		0.0508	18.2
9	9 1,2,3,7,8-PeCDF	1.35e5	1.58	NO	0.877	10.000	29.978	29.99	1.000	1.001	111.10		0.289	111
10	10 2,3,4,7,8-PeCDF	1.29e5	1.61	NO	0.962	10.000	31.007	31.00	1.001	1.000	107.05		0.293	107
11	11 1,2,3,4,7,8-HxCDF	7.88e4	1.26	NO	0.920	10.000	33.576	33.59	1.000	1.001	107.47		0.419	107
12	12 1,2,3,6,7,8-HxCDF	9.12e4	1.24	NO	0.936	10.000	33.732	33.72	1.001	1.000	102.19		0.332	102
13	13 2,3,4,6,7,8-HxCDF	6.58e4	1.26	NO	0.973	10.000	34.414	34.41	1.001	1.001	102.82		0.499	103
14	14 1,2,3,7,8,9-HxCDF	5.22e4	1.20	NO	0.940	10.000	35.482	35.48	1.000	1.000	102.77		0.678	103
15	15 1,2,3,4,6,7,8-HpCDF	4.40e4	1.02	NO	1.05	10.000	37.098	37.09	1.000	1.000	102.61		0.665	103
16	16 1,2,3,4,7,8,9-HpCDF	4.12e4	1.03	NO	1.05	10.000	38.950	38.95	1.000	1.000	102.19		0.639	102
17	17 OCDF	5.37e4	0.88	NO	0.771	10.000	41.681	41.69	1.000	1.001	206.34		0.663	206
18	18 13C-2,3,7,8-TCDD	2.04e5	0.77	NO	1.10	10.000	26.761	26.77	1.027	1.027	164.13	82.1	0.272	
19	19 13C-1,2,3,7,8-PeCDD	1.69e5	0.63	NO	0.864	10.000	31.157	31.17	1.196	1.196	174.23	87.1	0.233	
20	20 13C-1,2,3,4,7,8-HxCDD	1.07e5	1.28	NO	0.746	10.000	34.496	34.50	1.014	1.014	180.73	90.4	0.937	
21	21 13C-1,2,3,6,7,8-HxCDD	1.20e5	1.29	NO	0.847	10.000	34.615	34.62	1.017	1.018	179.42	89.7	0.825	
22	22 13C-1,2,3,7,8,9-HxCDD	1.14e5	1.25	NO	0.868	10.000	34.914	34.92	1.026	1.026	165.26	82.6	0.805	
23	23 13C-1,2,3,4,6,7,8-HpCDD	1.01e5	1.04	NO	0.664	10.000	38.266	38.27	1.125	1.125	191.20	95.6	1.09	
24	24 13C-OCDD	1.16e5	0.93	NO	0.561	10.000	41.216	41.34	1.211	1.215	260.68	65.2	0.971	
25	25 13C-2,3,7,8-TCDF	3.79e5	0.78	NO	1.09	10.000	26.149	26.15	1.003	1.003	227.98	114	0.334	
26	26 13C-1,2,3,7,8-PeCDF	2.77e5	1.61	NO	0.809	10.000	29.883	29.98	1.147	1.150	224.86	112	0.620	
27	27 13C-2,3,4,7,8-PeCDF	2.51e5	1.60	NO	0.803	10.000	30.847	30.99	1.184	1.189	205.89	103	0.625	
28	28 13C-1,2,3,4,7,8-HxCDF	1.59e5	0.49	NO	1.01	10.000	33.567	33.57	0.987	0.986	198.76	99.4	0.733	
29	29 13C-1,2,3,6,7,8-HxCDF	1.91e5	0.50	NO	1.07	10.000	33.696	33.71	0.990	0.991	224.09	112	0.690	
30	30 13C-2,3,4,6,7,8-HxCDF	1.32e5	0.50	NO	0.910	10.000	34.387	34.39	1.011	1.011	182.60	91.3	0.814	

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_4.qld

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Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
31	31 13C-1,2,3,7,8,9-HxCDF	1.08e5	0.49	NO	0.828	10.000	35.465	35.47	1.042	1.042	164.55	82.3	0.894	
32	32 13C-1,2,3,4,6,7,8-HpCDF	8.19e4	0.41	NO	0.661	10.000	37.075	37.08	1.090	1.090	156.28	78.1	1.19	
33	33 13C-1,2,3,4,7,8,9-HpCDF	7.71e4	0.40	NO	0.566	10.000	38.837	38.94	1.141	1.144	171.93	86.0	1.39	
34	34 13C-OCDF	1.35e5	0.85	NO	0.663	10.000	41.604	41.67	1.223	1.225	256.86	64.2	0.593	
35	35 37Cl-2,3,7,8-TCDD	1.85e5			2.07	10.000	26.962	26.78	1.035	1.028	79.529	99.4	0.0458	
36	36 13C-1,2,3,4-TCDD	2.25e5	0.78	NO	1.00	10.000	26.070	26.06	1.000	1.000	200.00	100	0.300	
37	37 13C-1,2,3,4-TCDF	3.04e5	0.78	NO	1.00	10.000	24.760	24.74	1.000	1.000	200.00	100	0.365	
38	38 13C-1,2,3,4,6,9-HxCDF	1.59e5	0.48	NO	1.00	10.000	34.040	34.03	1.000	1.000	200.00	100	0.741	

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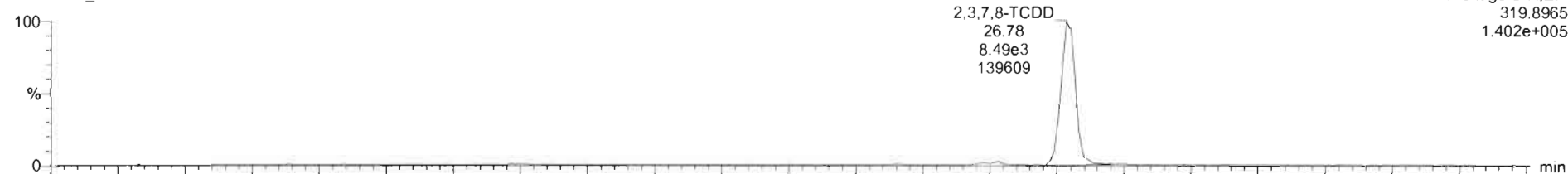
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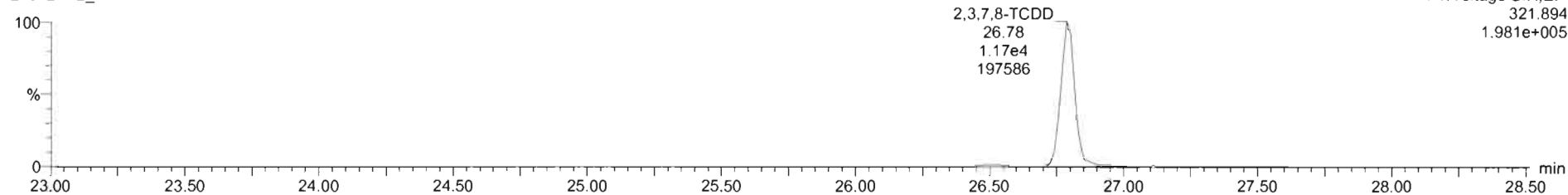
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2,3,7,8-TCDD

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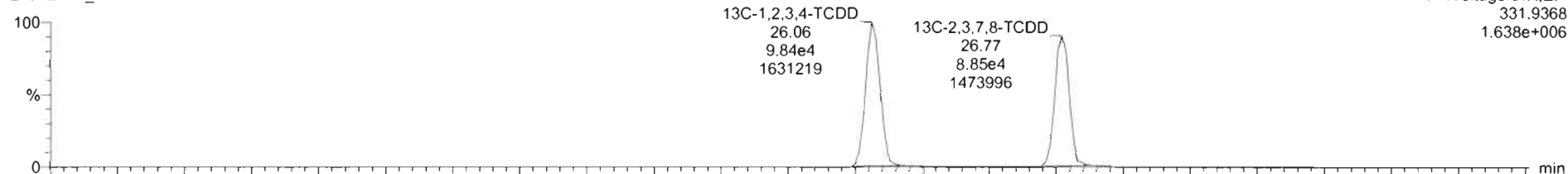


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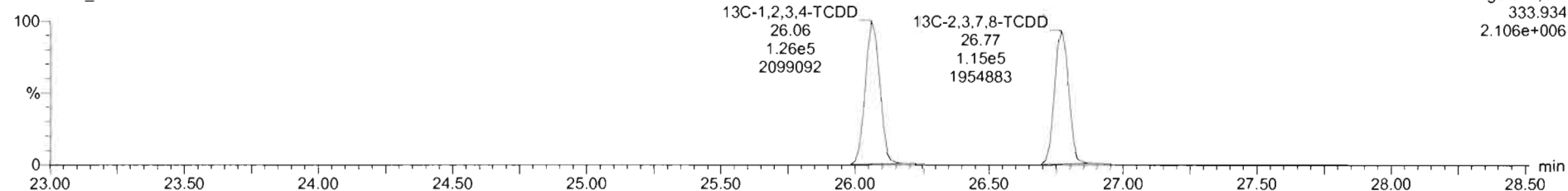


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210421R2_4



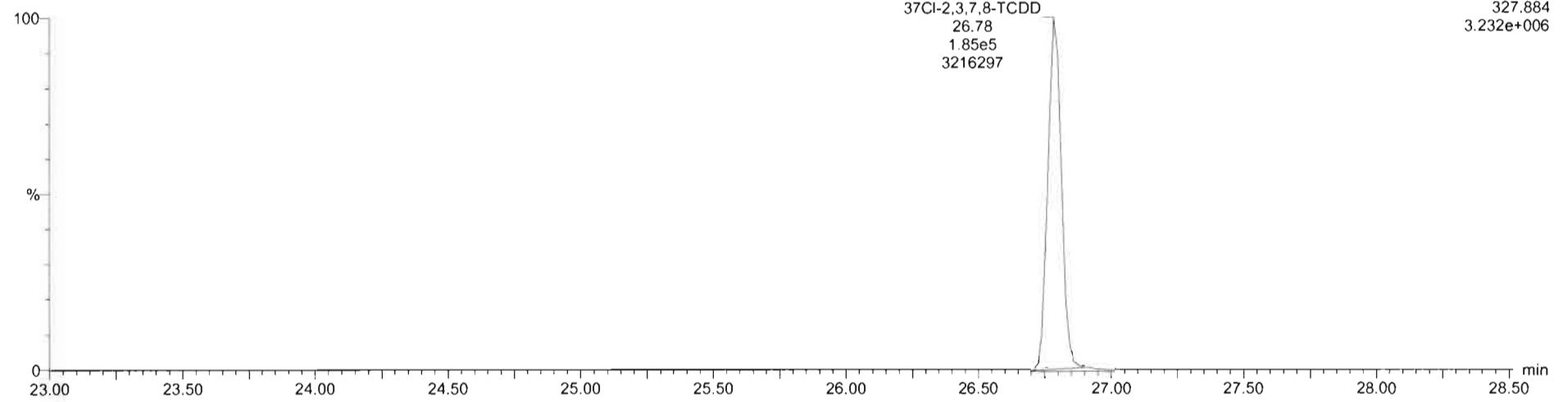
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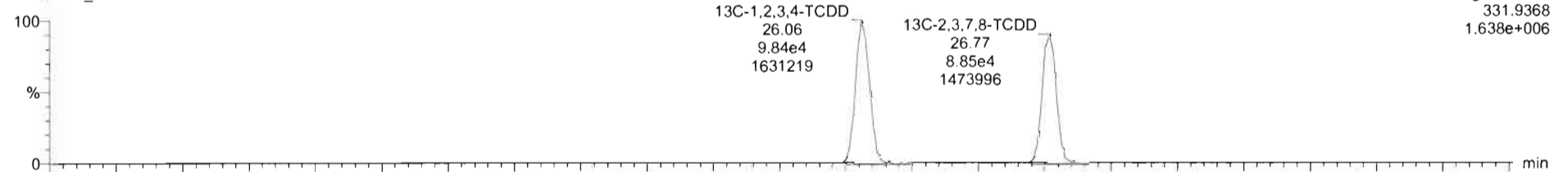
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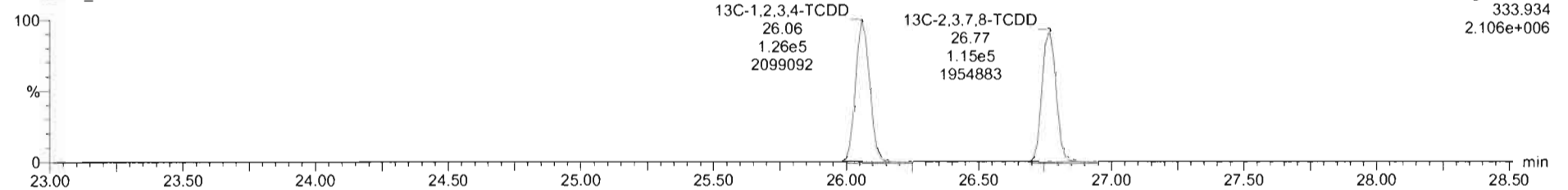


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210421R2_4



210421R2_4



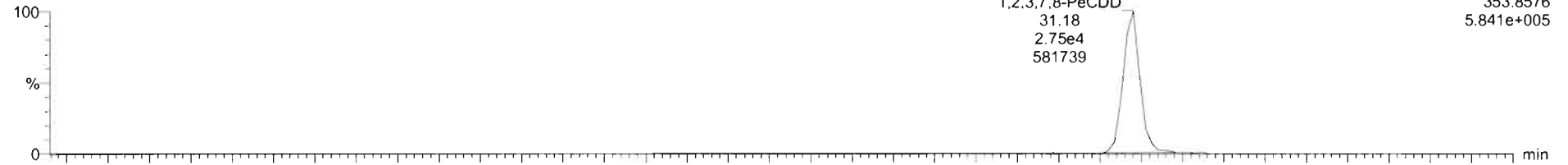
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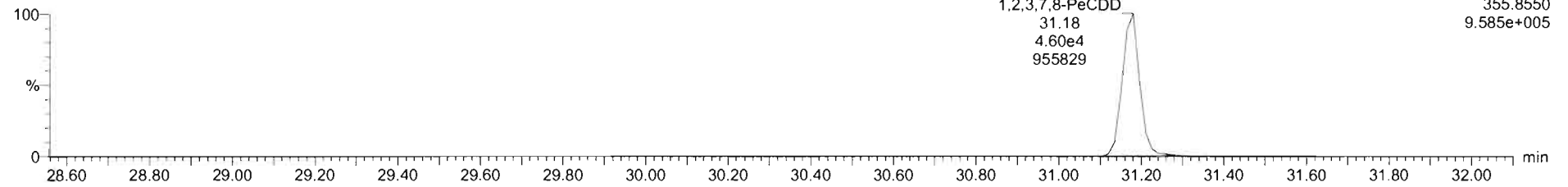
1,2,3,7,8-PeCDD

210421R2_4



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353.8576
5.841e+005

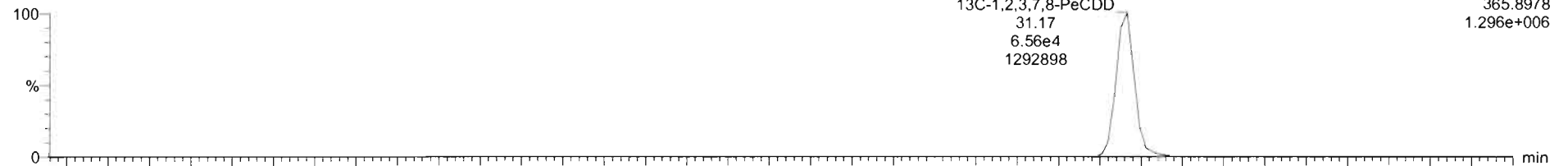
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F2:Voltage SIR,EI+
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9.585e+005

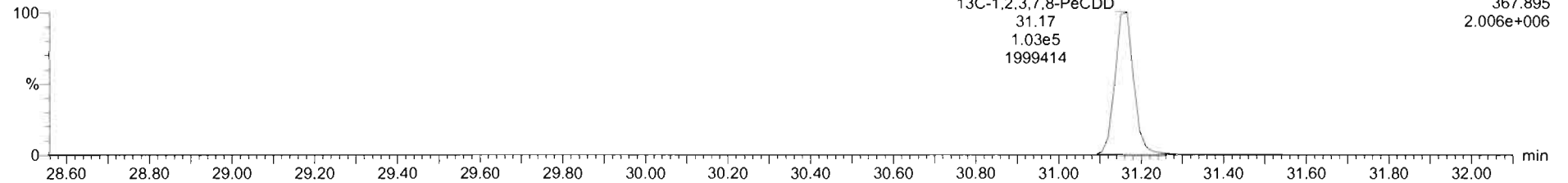
13C-1,2,3,7,8-PeCDD

210421R2_4



F2:Voltage SIR,EI+
365.8978
1.296e+006

210421R2_4



F2:Voltage SIR,EI+
367.895
2.006e+006

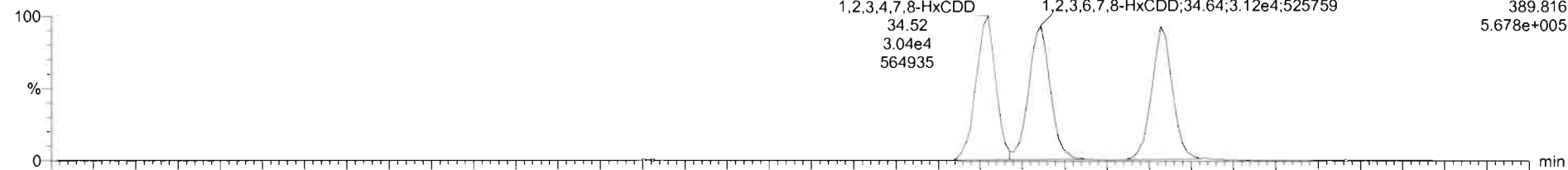
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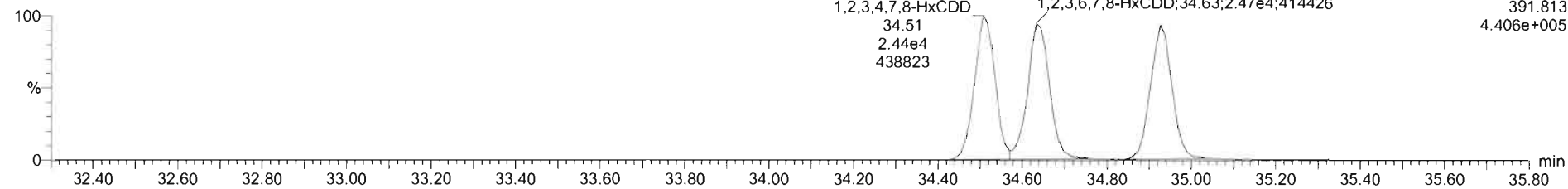
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1,2,3,4,7,8-HxCDD

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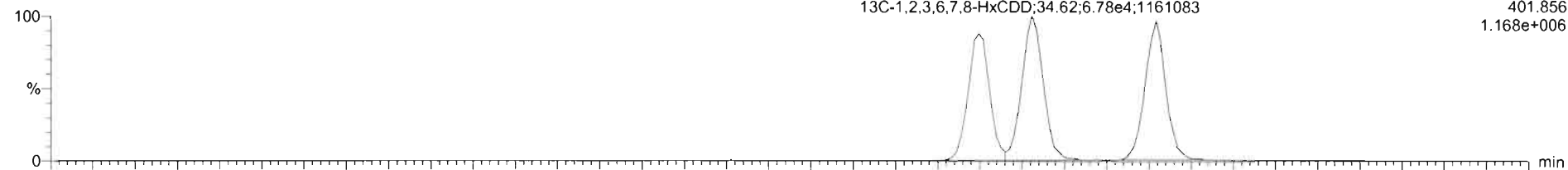


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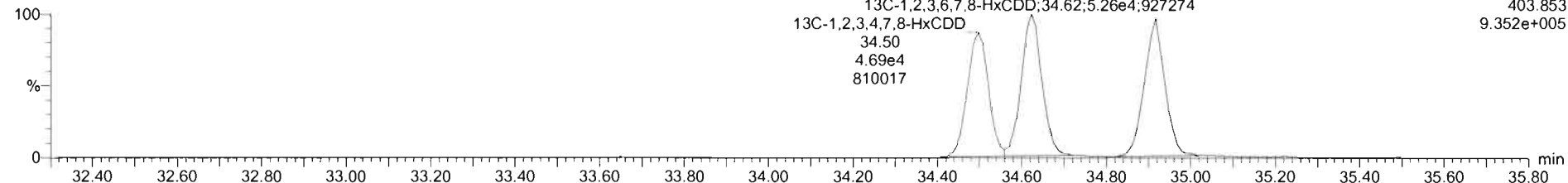


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210421R2_4



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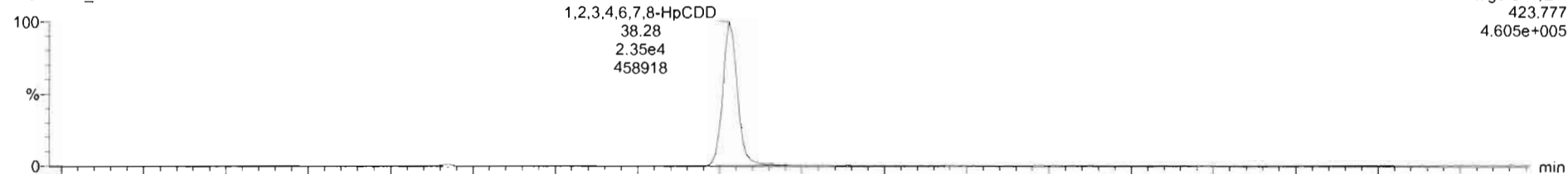
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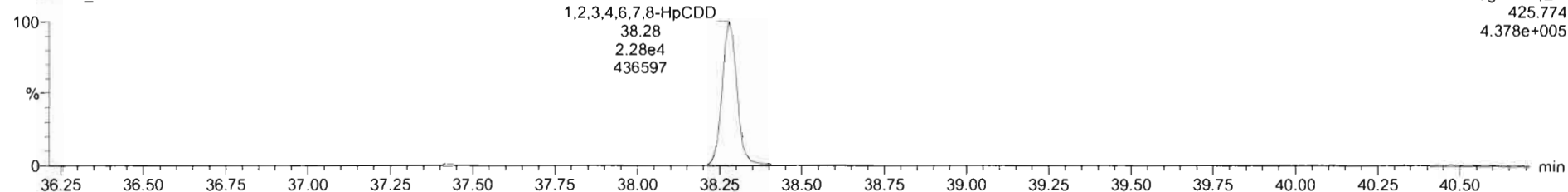
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1,2,3,4,6,7,8-HpCDD

210421R2_4

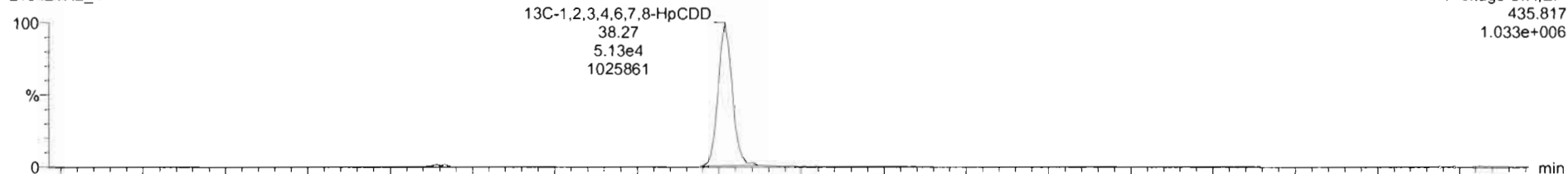


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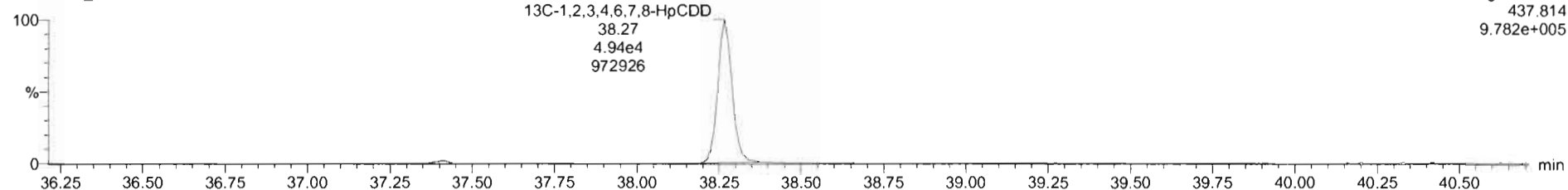


13C-1,2,3,4,6,7,8-HpCDD

210421R2_4



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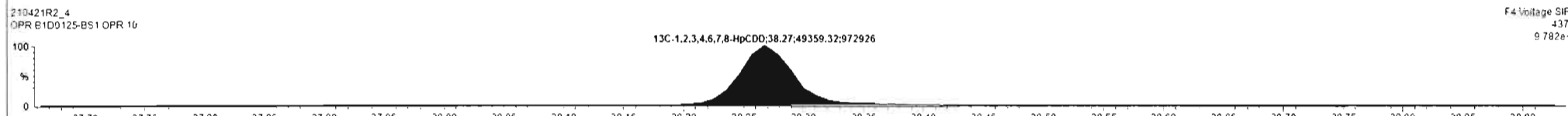
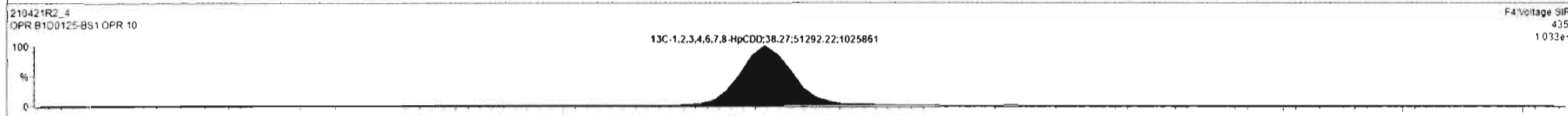
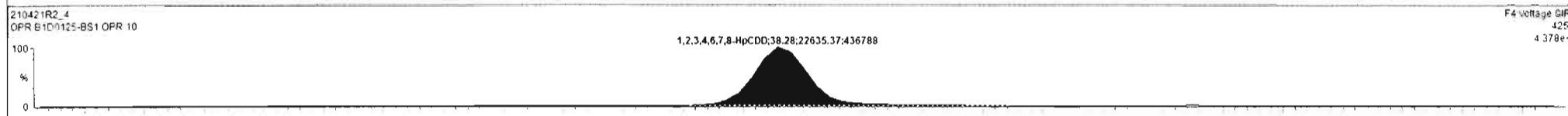
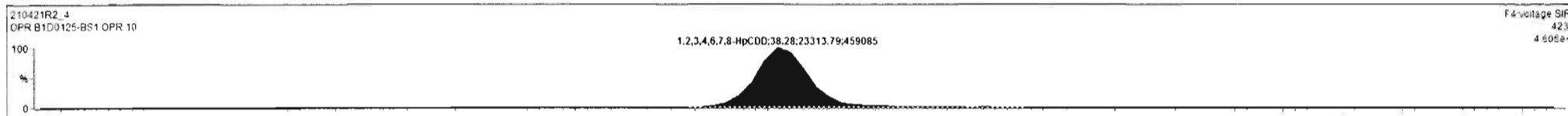


TargetLynx - 210421R2_4.qld - [Chromatogram]

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210421R2_4 - B1D0125-BS1 OPR 10 - OPR

#	Name	Resp	RA	nly	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.01e4	0.73	NO	0.9291	10.000	26.78	1.001	21.3	0.0824	21.3	
2	1,2,3,7,8-PeCDD	7.35e4	0.60	NO	0.6257	10.000	31.18	1.000	105	0.300	105	
3	1,2,3,4,7,8-HxCDD	5.48e4	1.25	NO	0.9725	10.000	34.52	1.001	106	0.427	106	
4	1,2,3,6,7,8-HxCDD	5.59e4	1.26	NO	0.8771	10.000	34.64	1.001	106	0.418	106	
5	1,2,3,7,8,9-HxCDD	5.34e4	1.23	NO	0.8739	10.000	34.93	1.000	102	0.432	102	
6	1,2,3,4,6,7,8-HpCDD	4.59e4	1.03	NO	0.8987	10.000	38.28	1.000	102	0.618	102	
7	OCDD	5.02e4	0.88	NO	0.8524	10.000	41.36	1.001	203	0.900	203	
8	2,3,7,8-TCDF	2.58e4	0.70	NO	0.7486	10.000	26.18	1.001	18.2	0.0508	18.2	
9	1,2,3,7,8-PeCDF	1.35e5	1.58	NO	0.8771	10.000	29.99	1.001	111	0.289	111	
10	2,3,4,7,8-PeCDF	1.29e5	1.61	NO	0.9621	10.000	31.00	1.000	107	0.293	107	
11	1,2,3,4,7,8-HxCDF	7.68e4	1.28	NO	0.9202	10.000	33.59	1.001	107	0.419	107	
12	1,2,3,6,7,8-HxCDF	9.12e4	1.24	NO	0.9363	10.000	33.72	1.000	102	0.332	102	
13	2,3,4,6,7,8-HxCDF	6.56e4	1.26	NO	0.9725	10.000	34.41	1.001	103	0.499	103	
14	1,2,3,7,8,9-HxCDF	5.22e4	1.20	NO	0.9298	10.000	35.48	1.000	103	0.678	103	
15	1,2,3,4,6,7,8-HpCDF	4.40e4	1.02	NO	1.0481	10.000	37.09	1.000	103	0.885	103	
16	1,2,3,4,7,8,9-HpCDF	4.12e4	1.03	NO	1.0453	10.000	38.95	1.000	102	0.639	102	
17	OCDF	5.37e4	0.86	NO	0.7712	10.000	41.69	1.001	205	0.563	205	
18	13C-2,3,7,8-TCDD	2.04e5	0.77	NO	1.1040	10.000	26.77	1.027	164	0.272		



Readx

210421R2_4 CAP IN

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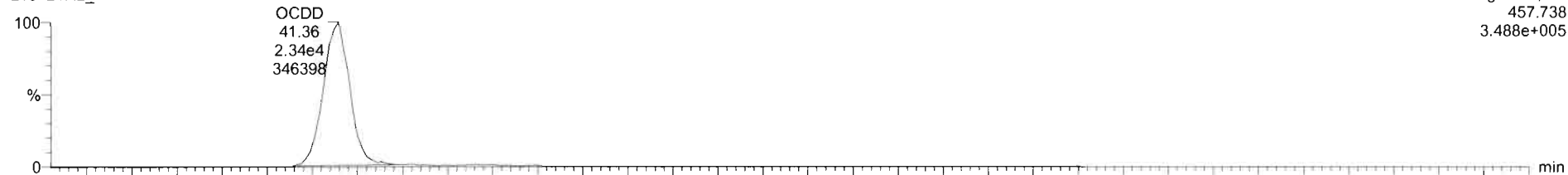
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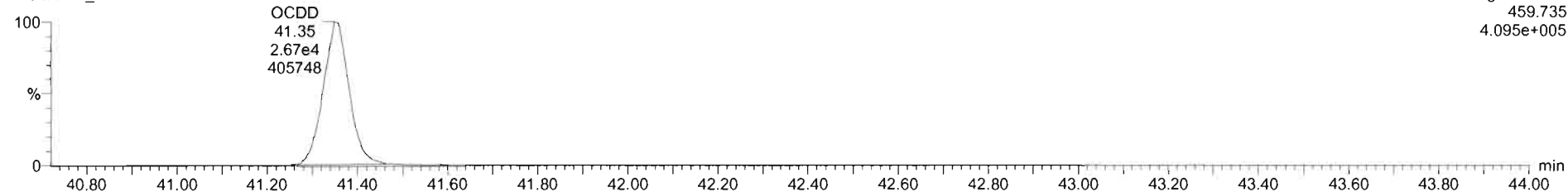
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OCDD

210421R2_4

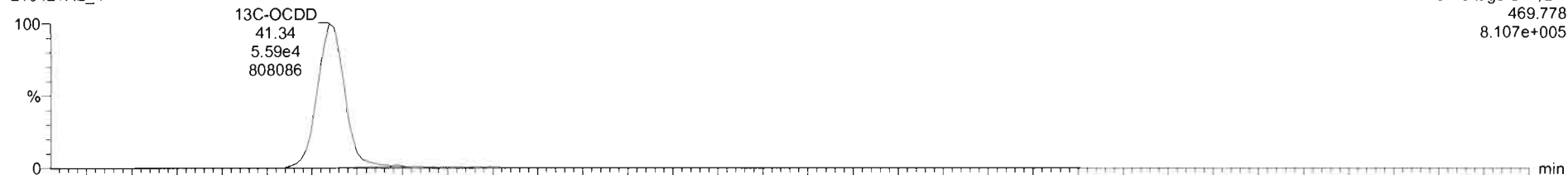


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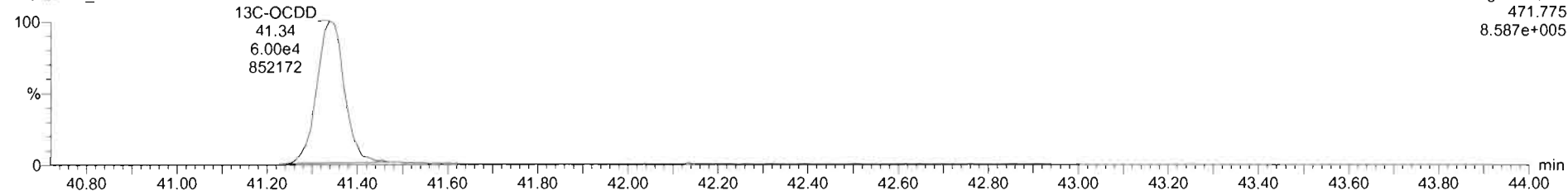


13C-OCDD

210421R2_4



210421R2_4



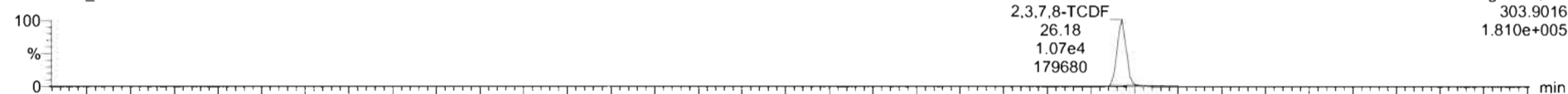
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Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR

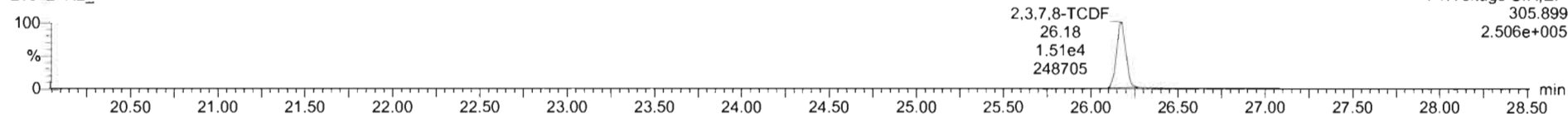
2,3,7,8-TCDF

210421R2_4



F1: Voltage SIR, EI+
303.9016
1.810e+005

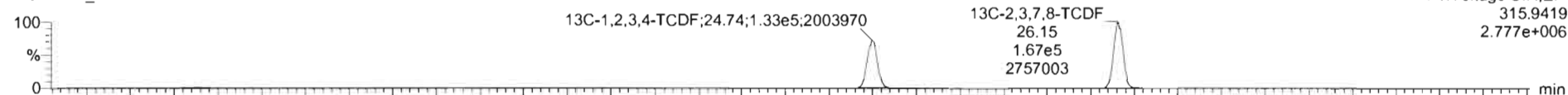
210421R2_4



F1: Voltage SIR, EI+
305.899
2.506e+005

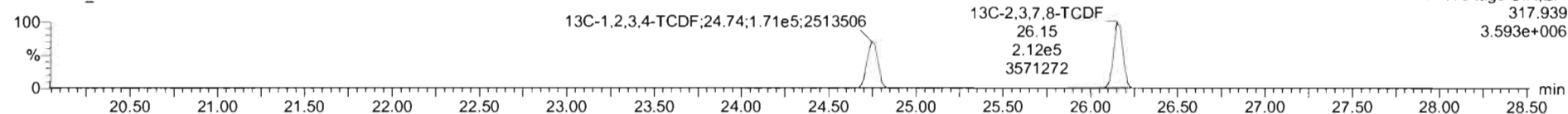
13C-2,3,7,8-TCDF

210421R2_4



F1: Voltage SIR, EI+
315.9419
2.777e+006

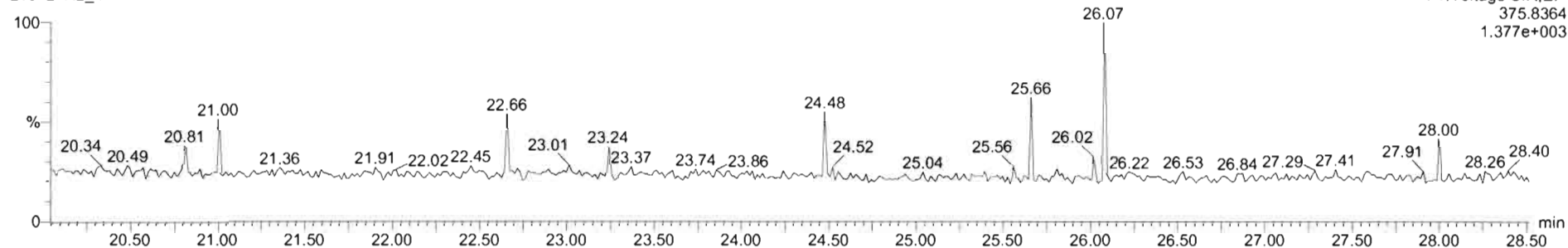
210421R2_4



F1: Voltage SIR, EI+
317.939
3.593e+006

DPE1

210421R2_4



F1: Voltage SIR, EI+
375.8364
1.377e+003

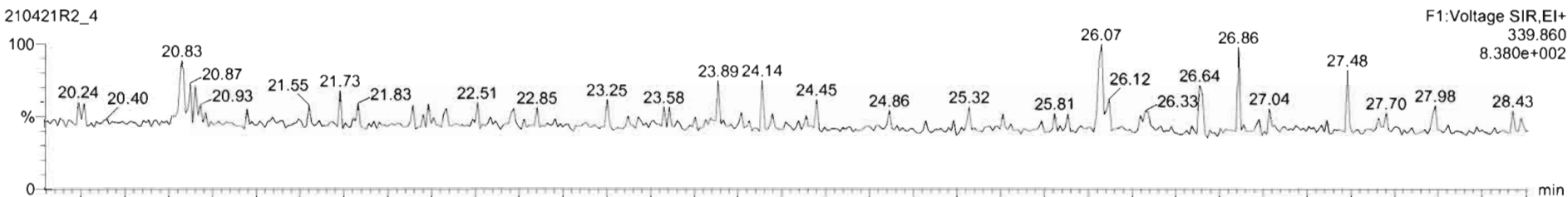
Dataset: Untitled

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Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

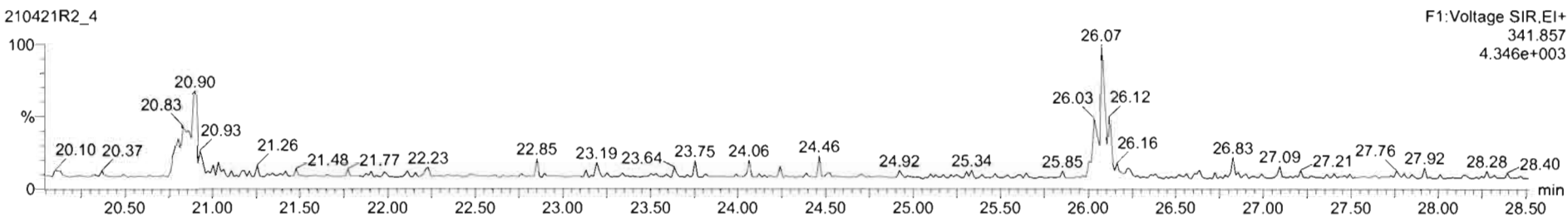
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1st Func. Penta-Furans

210421R2_4

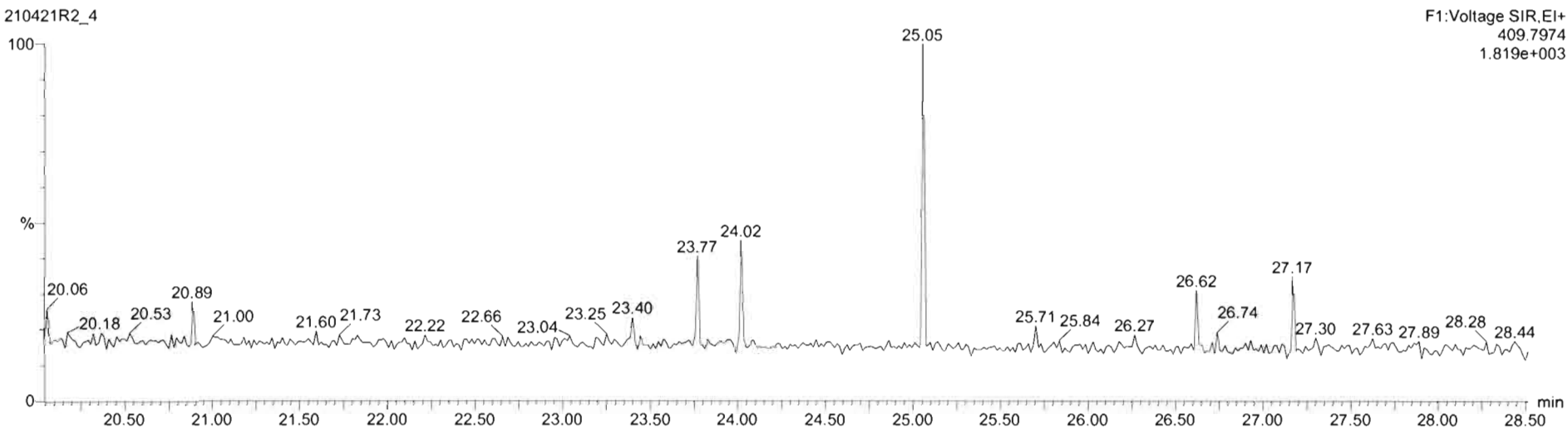


210421R2_4



DPE6

210421R2_4



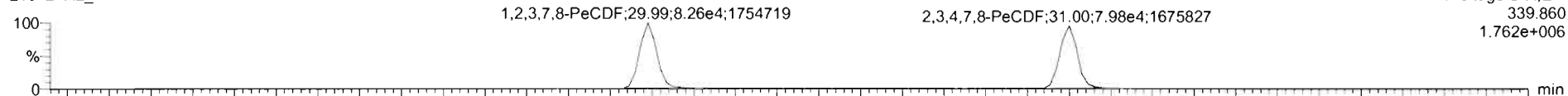
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Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

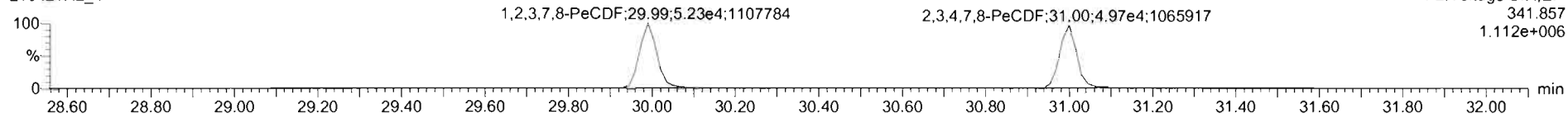
Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR

1,2,3,7,8-PeCDF

210421R2_4

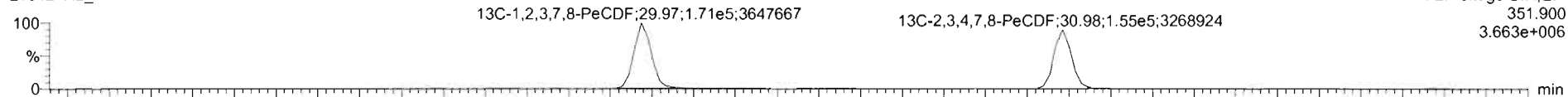


210421R2_4

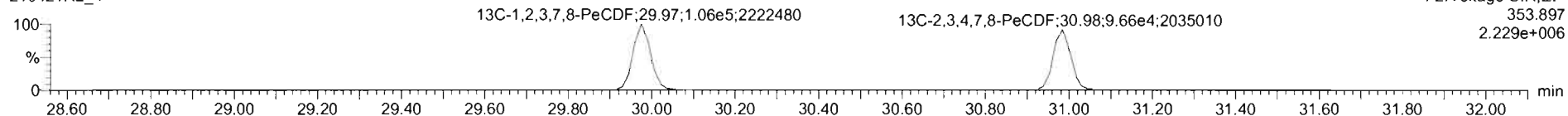


13C-1,2,3,7,8-PeCDF

210421R2_4

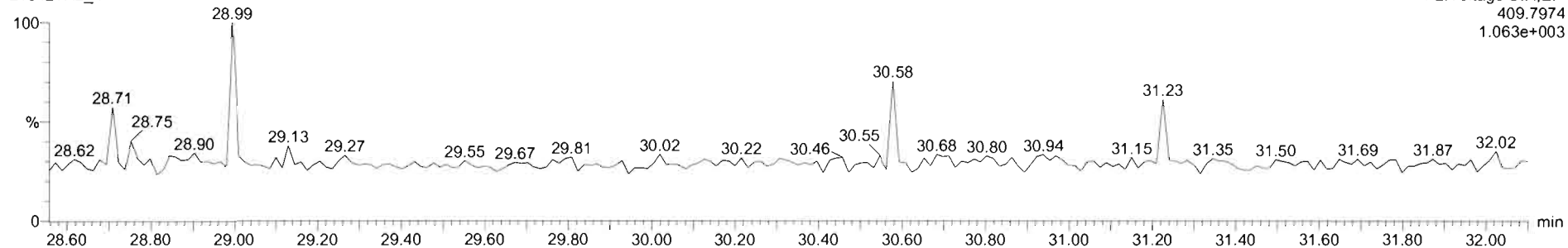


210421R2_4



DPE2

210421R2_4



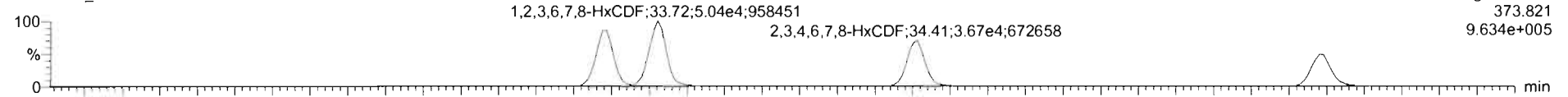
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Last Altered: Friday, April 23, 2021 13:19:15 Pacific Daylight Time
Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

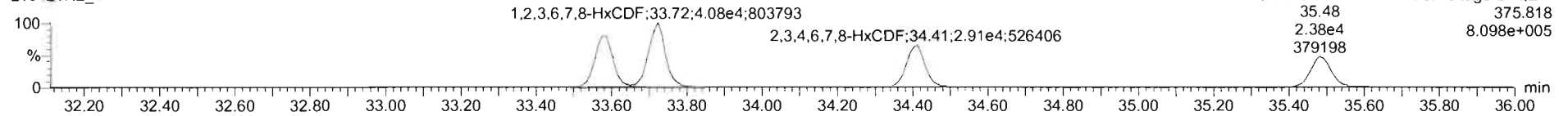
Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR

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

210421R2_4

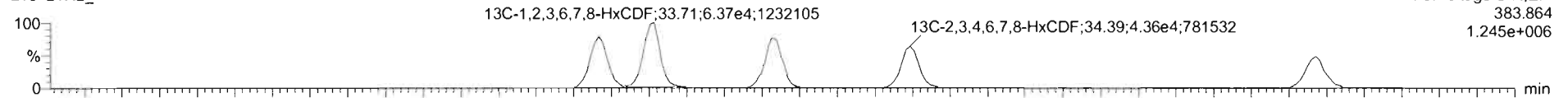


210421R2_4

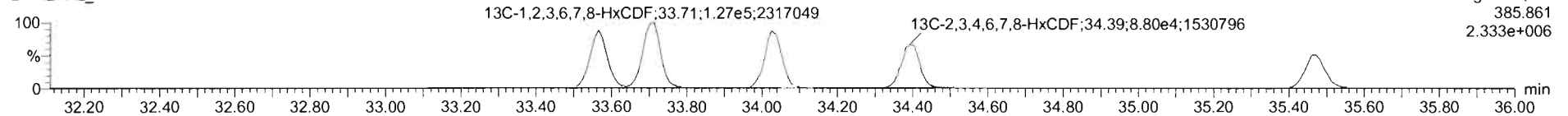


13C-1,2,3,4,7,8-HxCDF

210421R2_4

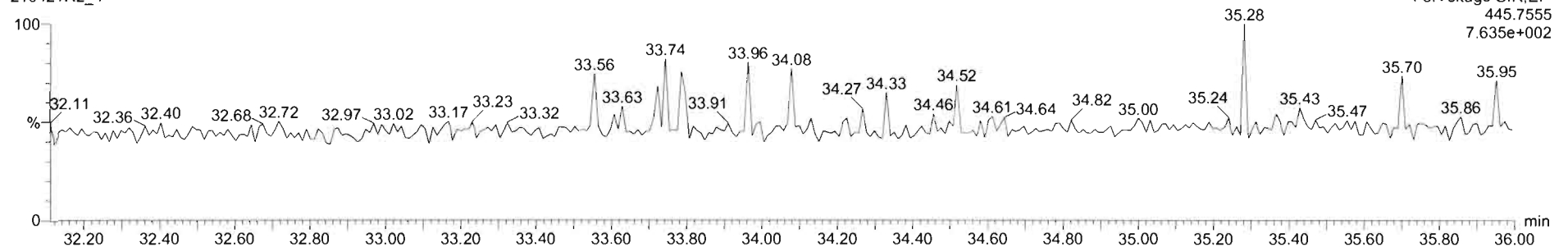


210421R2_4



DPE3

210421R2_4



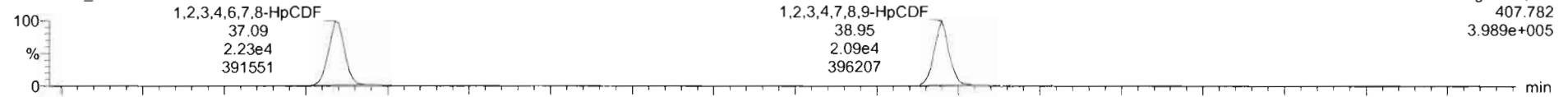
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Last Altered: Friday, April 23, 2021 13:19:15 Pacific Daylight Time
Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

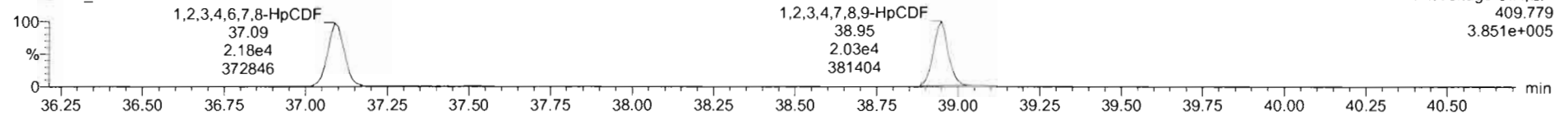
Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR

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

210421R2_4

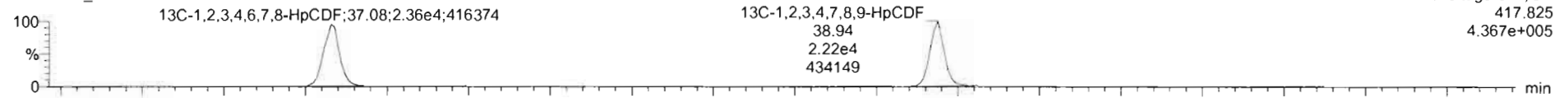


210421R2_4

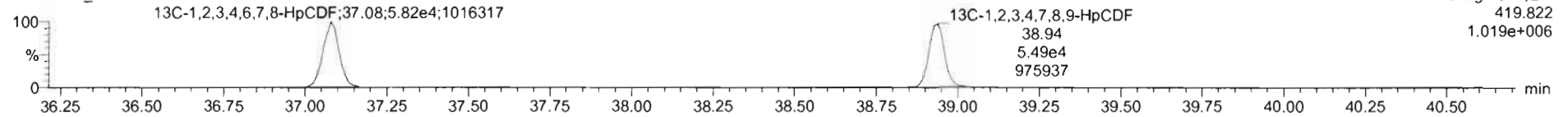


13C-1,2,3,4,6,7,8-HpCDF

210421R2_4

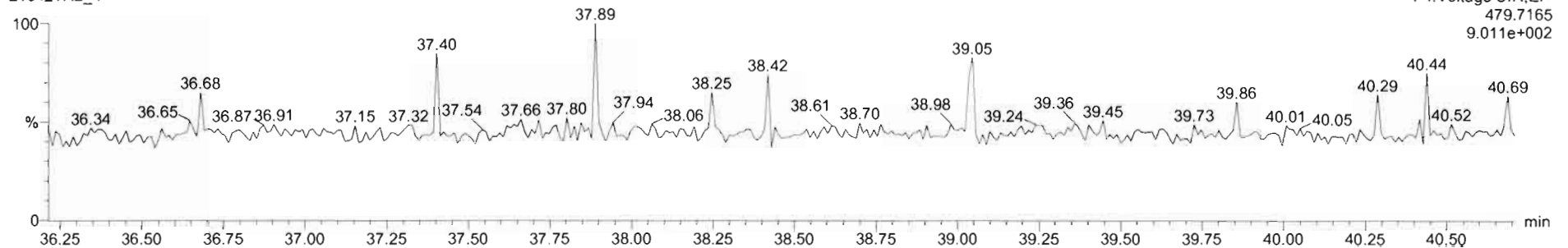


210421R2_4



DPE4

210421R2_4



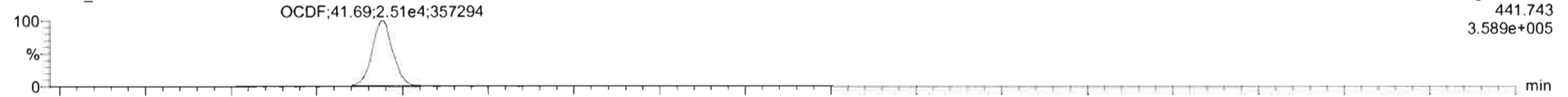
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Last Altered: Friday, April 23, 2021 13:19:15 Pacific Daylight Time
Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

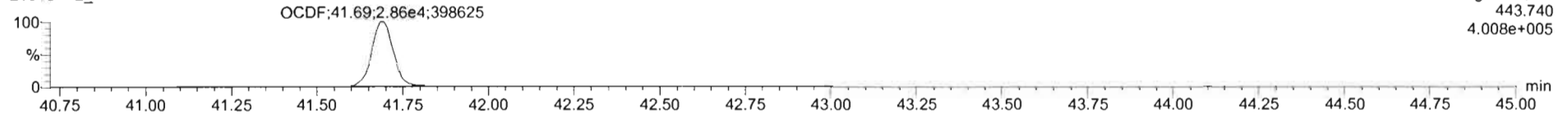
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OCDF

210421R2_4



210421R2_4

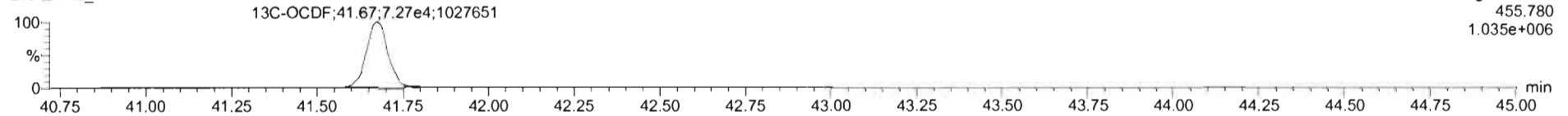


13C-OCDF

210421R2_4

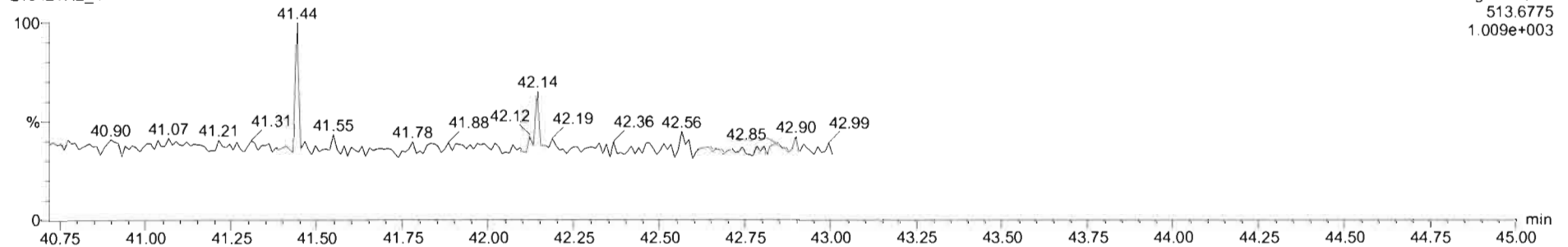


210421R2_4



DPE5

210421R2_4

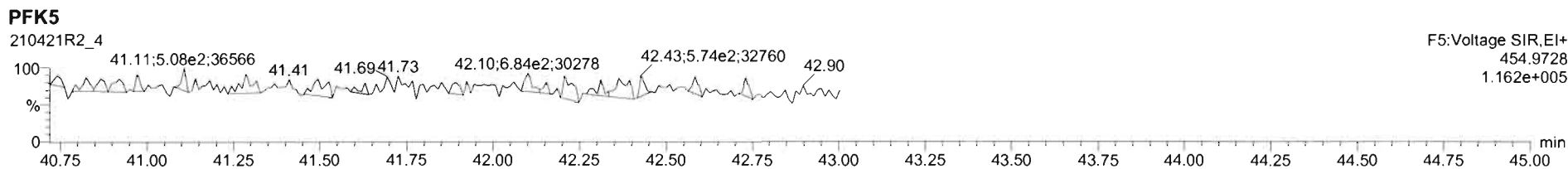
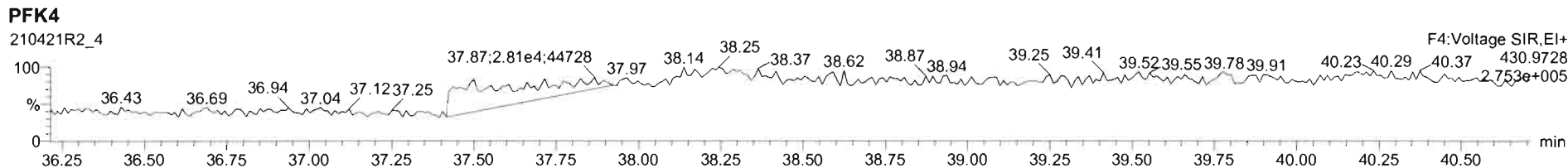
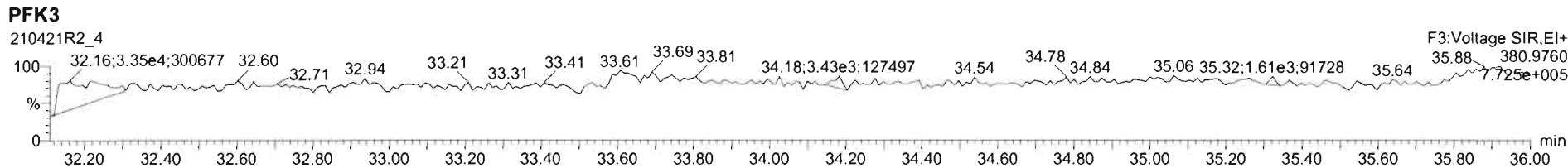
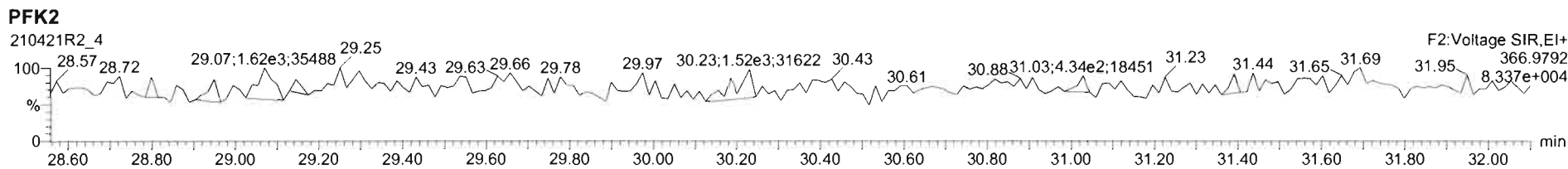
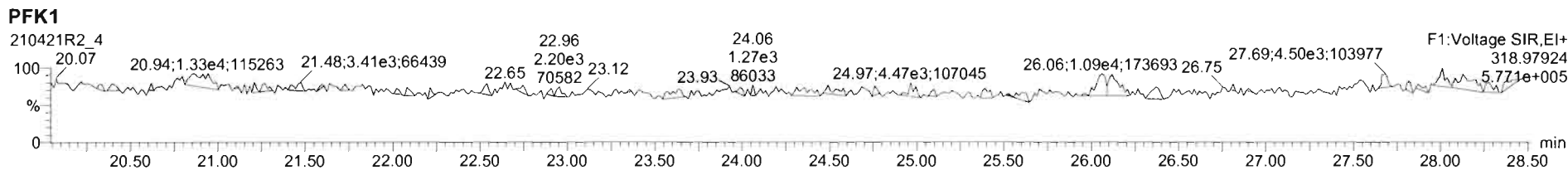


Dataset: Untitled

Last Altered: Friday, April 23, 2021 13:19:15 Pacific Daylight Time

Printed: Friday, April 23, 2021 13:20:12 Pacific Daylight Time

Name: 210421R2_4, Date: 21-Apr-2021, Time: 23:19:15, ID: B1D0125-BS1 OPR 10, Description: OPR



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_6.qld

Last Altered: Tuesday, April 27, 2021 13:41:26 Pacific Daylight Time
Printed: Thursday, April 29, 2021 11:32:48 Pacific Daylight Time

FIN 04/29/21

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

C 04/30/2021

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-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	0.929	10.000	26.787		1.001				0.0876	
2	2 1,2,3,7,8-PeCDD			NO	0.826	10.000	31.197		1.001				0.0774	
3	3 1,2,3,4,7,8-HxCDD			NO	0.972	10.000	34.529		1.001				0.163	
4	4 1,2,3,6,7,8-HxCDD			NO	0.877	10.000	34.665		1.001				0.160	
5	5 1,2,3,7,8,9-HxCDD			NO	0.874	10.000	34.948		1.000				0.147	
6	6 1,2,3,4,6,7,8-HpCDD			NO	0.899	10.000	38.312		1.000				0.109	
7	7 OCDD			NO	0.852	10.000	41.419		1.000				0.331	
8	8 2,3,7,8-TCDF			NO	0.747	10.000	26.151		1.000				0.0466	
9	9 1,2,3,7,8-PeCDF			NO	0.877	10.000	29.993		1.000				0.0871	
10	10 2,3,4,7,8-PeCDF			NO	0.962	10.000	31.006		1.001				0.0803	
11	11 1,2,3,4,7,8-HxCDF			NO	0.920	10.000	33.586		1.000				0.0863	
12	12 1,2,3,6,7,8-HxCDF			NO	0.936	10.000	33.733		1.001				0.0651	
13	13 2,3,4,6,7,8-HxCDF			NO	0.973	10.000	34.434		1.001				0.0996	
14	14 1,2,3,7,8,9-HxCDF			NO	0.940	10.000	35.503		1.000				0.121	
15	15 1,2,3,4,6,7,8-HpCDF			NO	1.05	10.000	37.119		1.000				0.0867	
16	16 1,2,3,4,7,8,9-HpCDF			NO	1.05	10.000	38.982		1.000				0.0987	
17	17 OCDF			NO	0.771	10.000	41.755		1.000				0.147	
18	18 13C-2,3,7,8-TCDD	1.43e5	0.72	NO	1.10	10.000	26.761	26.75	1.027	1.027	111.01	55.5	0.323	
19	19 13C-1,2,3,7,8-PeCDD	1.51e5	0.63	NO	0.864	10.000	31.158	31.17	1.196	1.196	149.47	74.7	0.311	
20	20 13C-1,2,3,4,7,8-HxCDD	9.53e4	1.29	NO	0.746	10.000	34.517	34.51	1.014	1.013	187.74	93.9	0.820	
21	21 13C-1,2,3,6,7,8-HxCDD	1.07e5	1.25	NO	0.847	10.000	34.636	34.64	1.017	1.018	185.80	92.9	0.723	
22	22 13C-1,2,3,7,8,9-HxCDD	1.23e5	1.22	NO	0.868	10.000	34.936	34.94	1.026	1.026	208.75	104	0.705	
23	23 13C-1,2,3,4,6,7,8-HpCDD	9.36e4	1.04	NO	0.664	10.000	38.289	38.30	1.125	1.125	207.06	104	1.43	
24	24 13C-OCDD	1.18e5	0.88	NO	0.561	10.000	41.241	41.41	1.211	1.216	308.45	77.1	1.35	
25	25 13C-2,3,7,8-TCDF	2.01e5	0.78	NO	1.09	10.000	26.149	26.15	1.003	1.003	120.00	60.0	0.347	
26	26 13C-1,2,3,7,8-PeCDF	1.71e5	1.59	NO	0.809	10.000	29.883	29.99	1.147	1.151	137.98	69.0	0.874	
27	27 13C-2,3,4,7,8-PeCDF	1.61e5	1.58	NO	0.803	10.000	30.847	30.99	1.184	1.189	131.03	65.5	0.881	
28	28 13C-1,2,3,4,7,8-HxCDF	1.14e5	0.49	NO	1.01	10.000	33.588	33.58	0.987	0.986	165.84	82.9	0.920	
29	29 13C-1,2,3,6,7,8-HxCDF	1.59e5	0.50	NO	1.07	10.000	33.717	33.71	0.990	0.990	217.47	109	0.866	
30	30 13C-2,3,4,6,7,8-HxCDF	1.11e5	0.50	NO	0.910	10.000	34.408	34.41	1.011	1.011	179.51	89.8	1.02	
31	31 13C-1,2,3,7,8,9-HxCDF	9.60e4	0.50	NO	0.828	10.000	35.487	35.49	1.042	1.042	170.27	85.1	1.12	

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_6.qld

Last Altered: Tuesday, April 27, 2021 13:41:26 Pacific Daylight Time
Printed: Thursday, April 29, 2021 11:32:48 Pacific Daylight Time

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-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	8.25e4	0.40	NO	0.661	10.000	37.098	37.10	1.090	1.090	183.47	91.7	1.09	
33	33 13C-1,2,3,4,7,8,9-HpCDF	6.11e4	0.42	NO	0.566	10.000	38.861	38.97	1.141	1.145	158.67	79.3	1.27	
34	34 13C-OCDF	1.39e5	0.86	NO	0.663	10.000	41.629	41.75	1.223	1.226	308.74	77.2	1.59	
35	35 37Cl-2,3,7,8-TCDD	1.56e5			2.07	10.000	26.962	26.78	1.035	1.028	64.438	80.5	0.0535	
36	36 13C-1,2,3,4-TCDD	2.34e5	0.76	NO	1.00	10.000	26.070	26.06	1.000	1.000	200.00	100	0.356	
37	37 13C-1,2,3,4-TCDF	3.06e5	0.78	NO	1.00	10.000	24.760	24.73	1.000	1.000	200.00	100	0.379	
38	38 13C-1,2,3,4,6,9-HxCDF	1.36e5	0.51	NO	1.00	10.000	34.040	34.05	1.000	1.000	200.00	100	0.930	
39	39 Total Tetra-Dioxins				0.929	10.000	24.620		0.000				0.0589	
40	40 Total Penta-Dioxins				0.826	10.000	29.960		0.000				0.0444	
41	41 Total Hexa-Dioxins				0.877	10.000	33.635		0.000				0.101	
42	42 Total Hepta-Dioxins				0.899	10.000	37.640		0.000				0.0716	
43	43 Total Tetra-Furans				0.747	10.000	23.610		0.000				0.0198	
44	44 1st Func. Penta-Furans				0.877	10.000	26.930		0.000				0.0212	
45	45 Total Penta-Furans				0.877	10.000	29.275		0.000				0.0457	
46	46 Total Hexa-Furans				0.973	10.000	33.555		0.000				0.0394	
47	47 Total Hepta-Furans				1.05	10.000	37.835		0.000				0.0515	

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Dataset: U:\VG12.PRO\Results\210427R1\210427R1_6.qld

Last Altered: Tuesday, April 27, 2021 13:41:26 Pacific Daylight Time

Printed: Thursday, April 29, 2021 11:32:48 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-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												

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_6.qld

Last Altered: Tuesday, April 27, 2021 13:41:26 Pacific Daylight Time

Printed: Thursday, April 29, 2021 11:32:48 Pacific Daylight Time

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-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												

Hepta-Furans

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

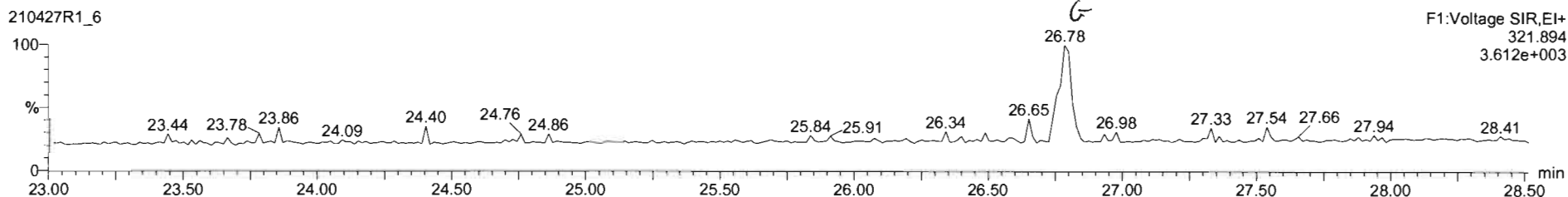
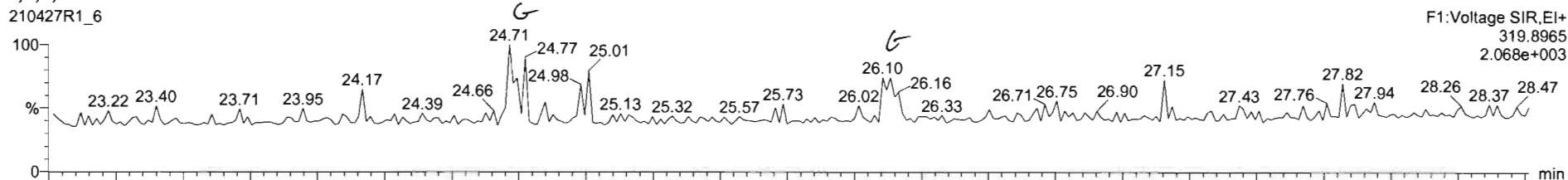
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Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

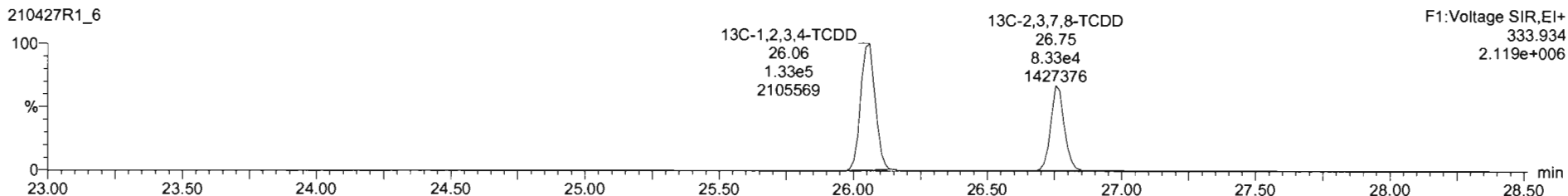
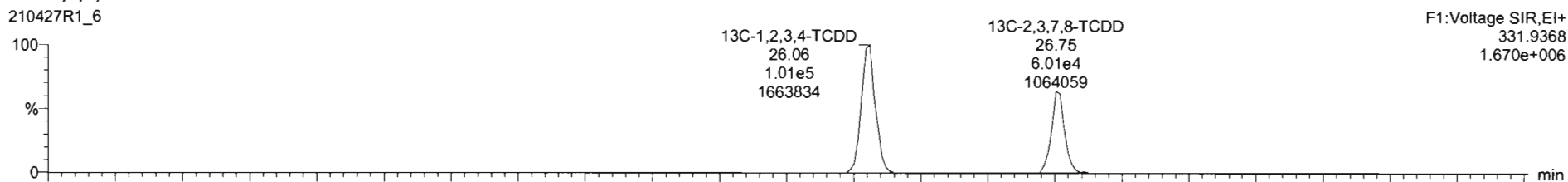
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Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

2,3,7,8-TCDD



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



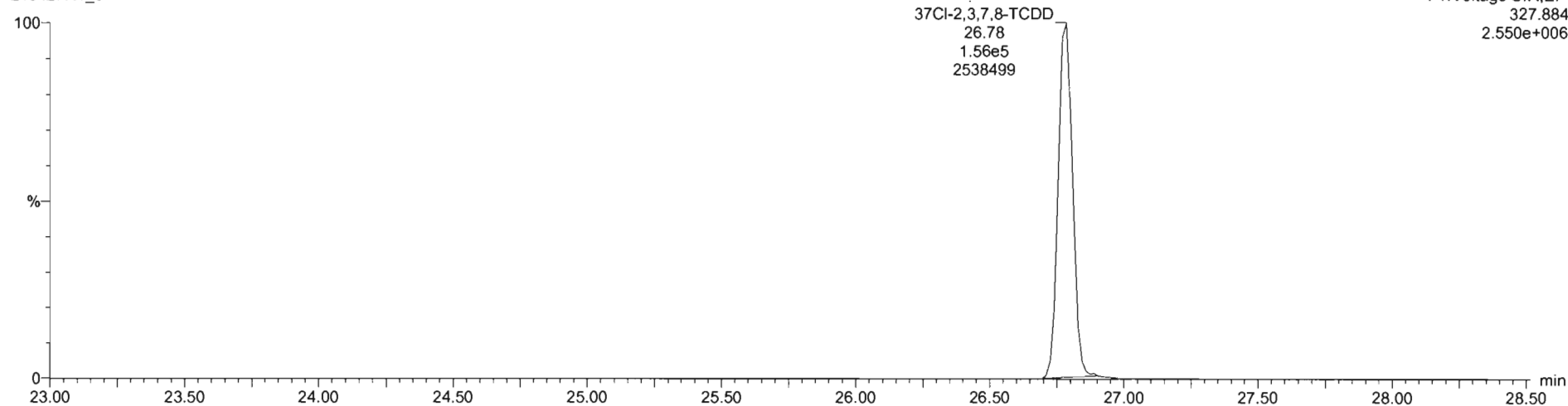
Dataset: Untitled

Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time
Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

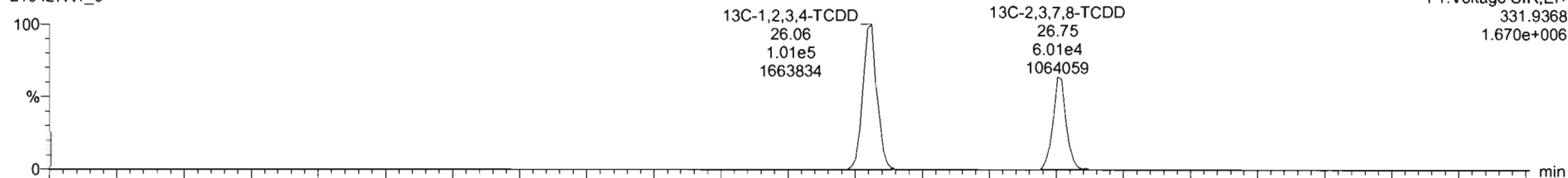
37Cl-2,3,7,8-TCDD

210427R1_6

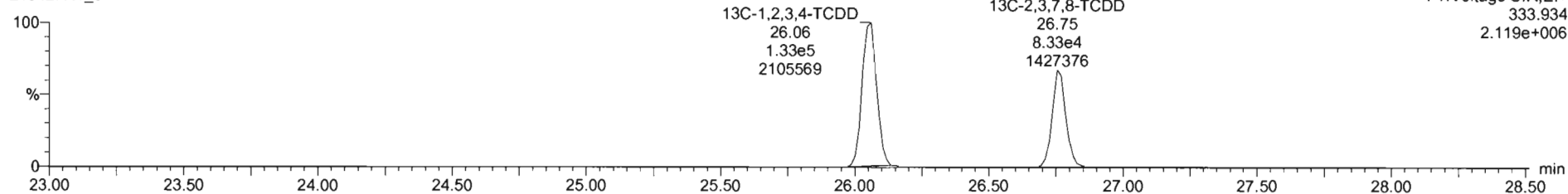


13C-1,2,3,4-TCDD

210427R1_6



210427R1_6



Dataset: Untitled

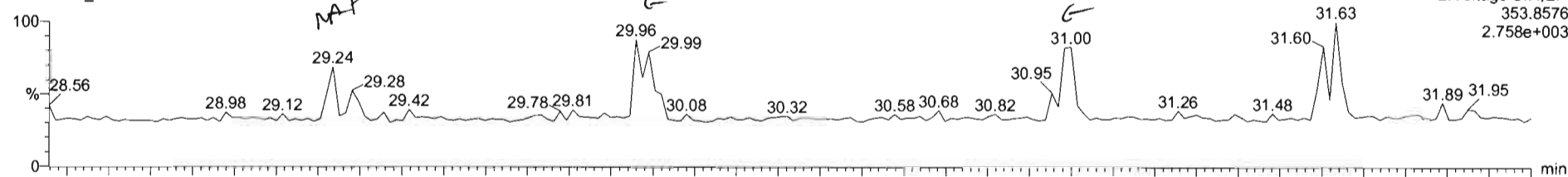
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Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

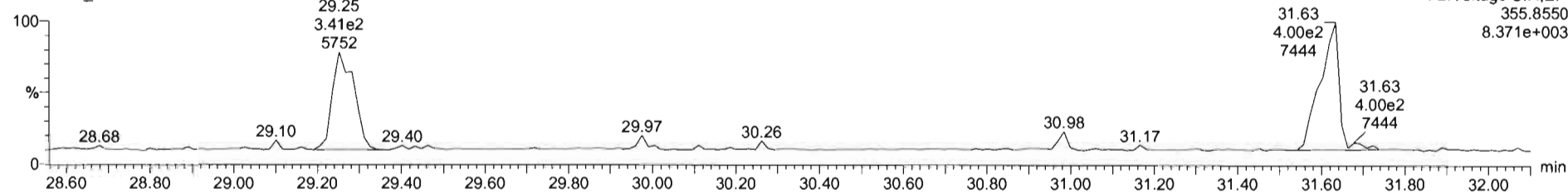
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

1,2,3,7,8-PeCDD

210427R1_6

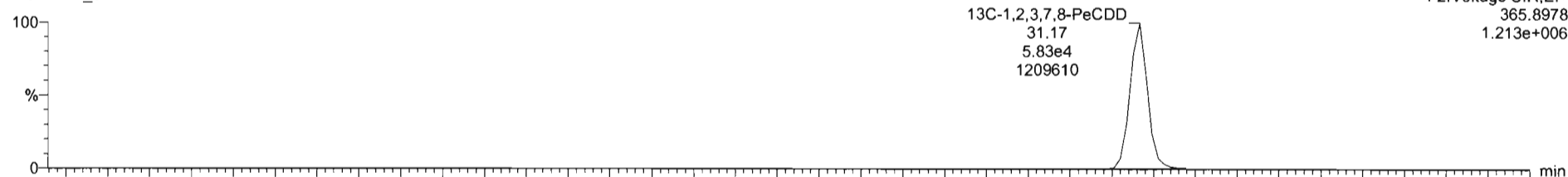


210427R1_6

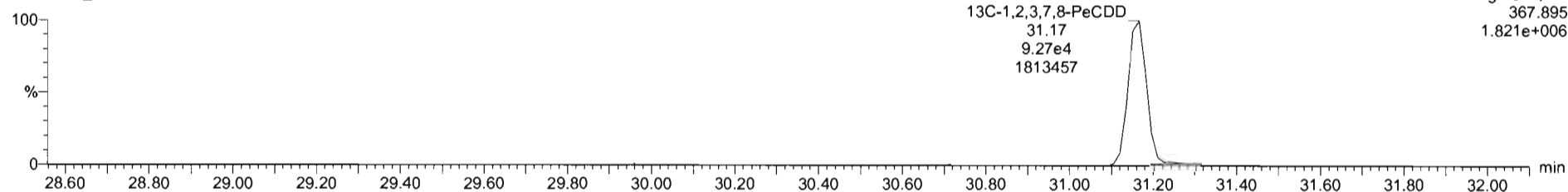


13C-1,2,3,7,8-PeCDD

210427R1_6



210427R1_6



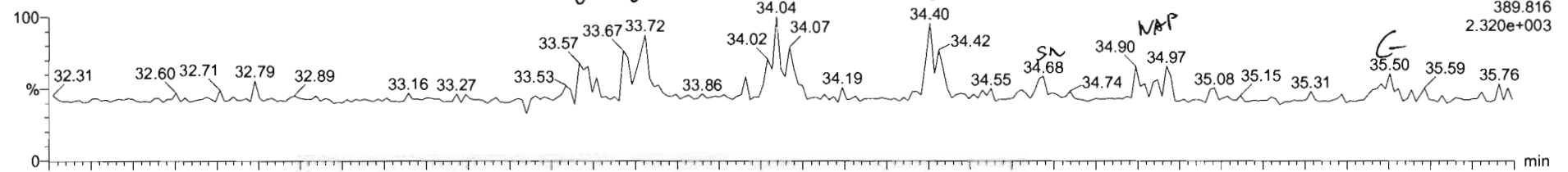
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Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

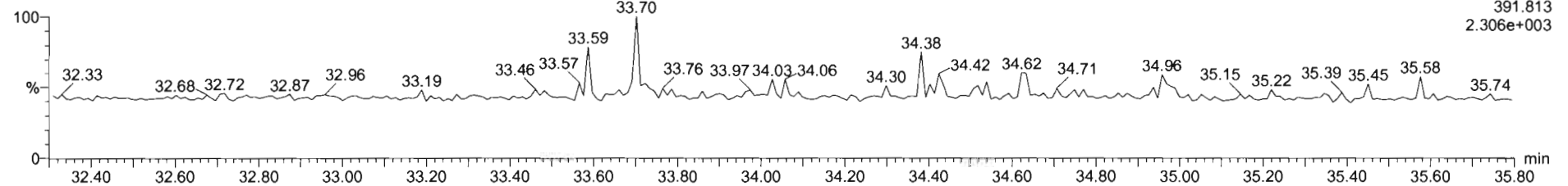
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

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

210427R1_6

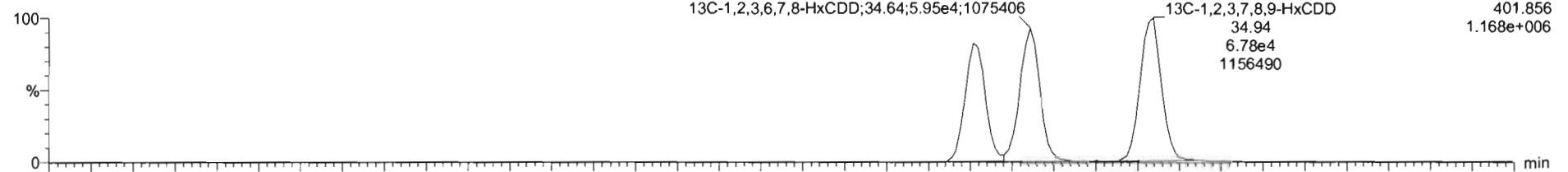


210427R1_6

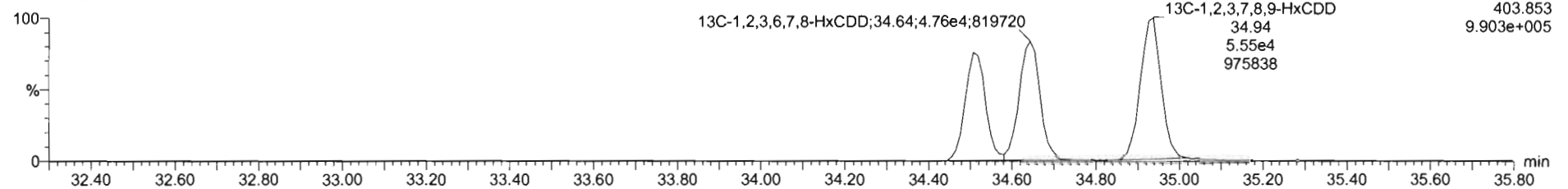


13C-1,2,3,4,7,8-HxCDD

210427R1_6



210427R1_6



Dataset: Untitled

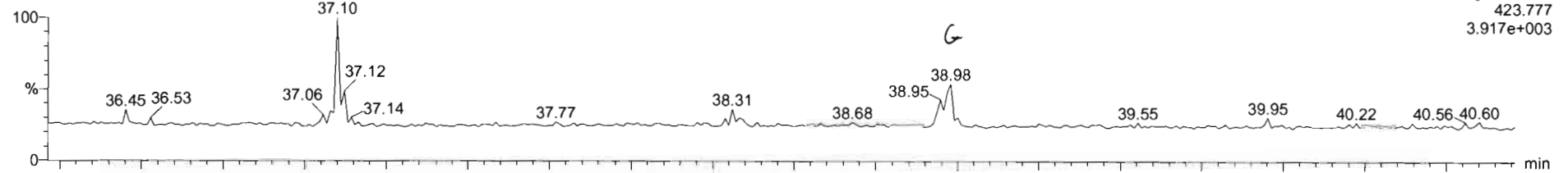
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Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

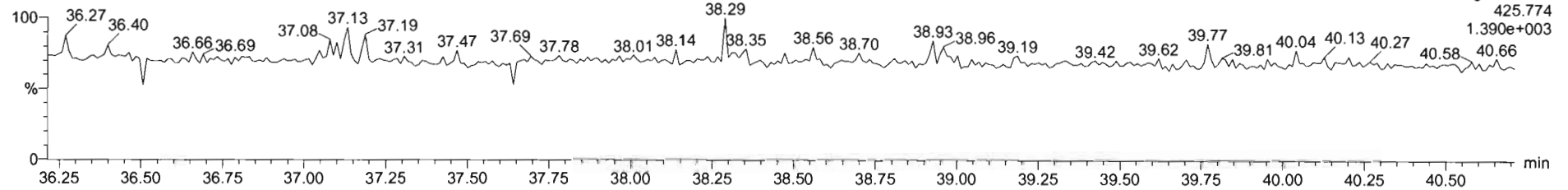
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

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

210427R1_6

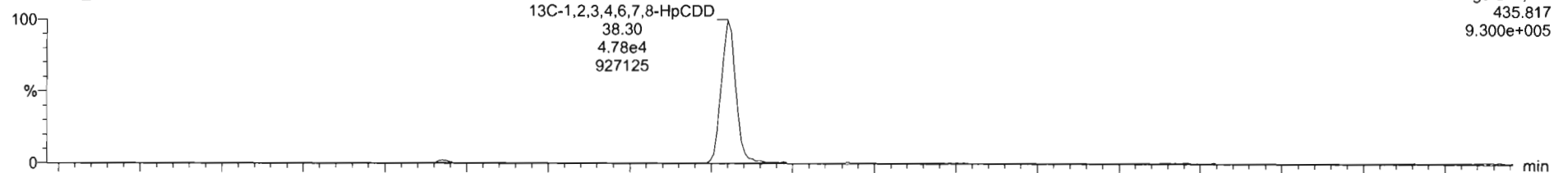


210427R1_6

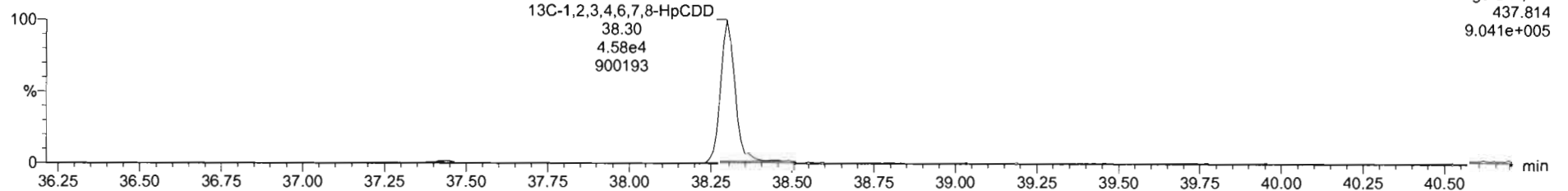


13C-1,2,3,4,6,7,8-HpCDD

210427R1_6



210427R1_6



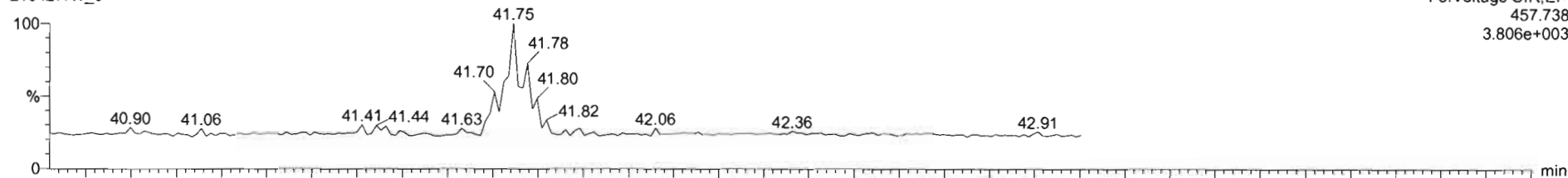
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Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time
Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

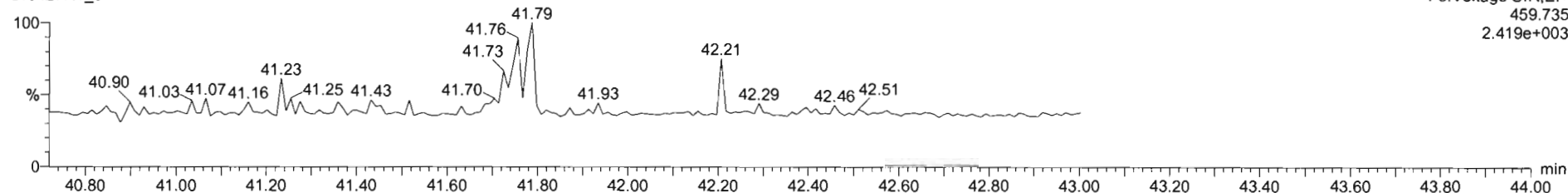
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

OCDD

210427R1_6

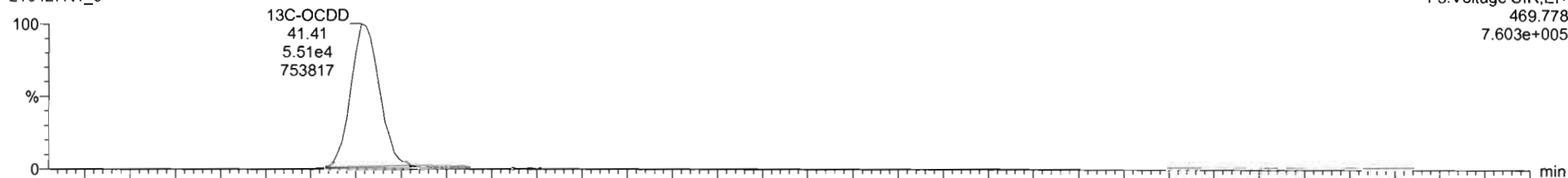


210427R1_6

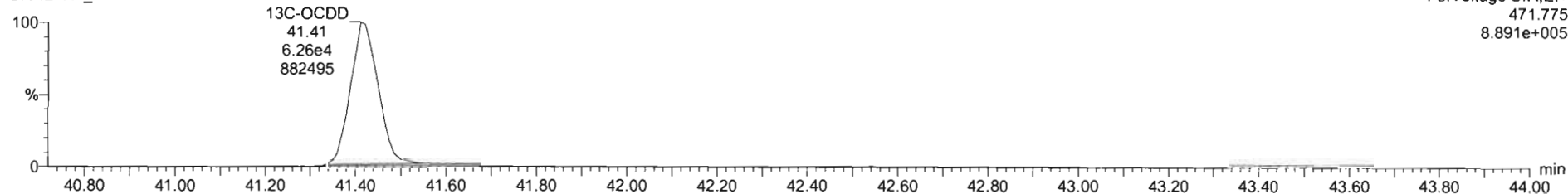


13C-OCDD

210427R1_6



210427R1_6

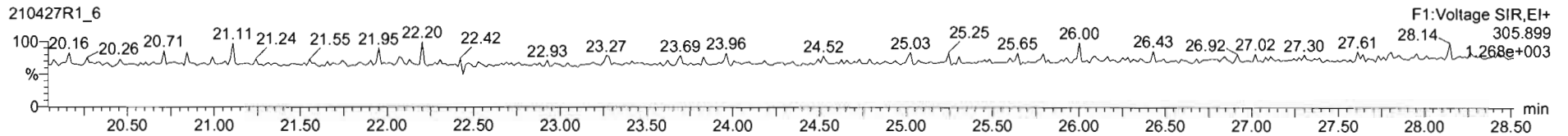
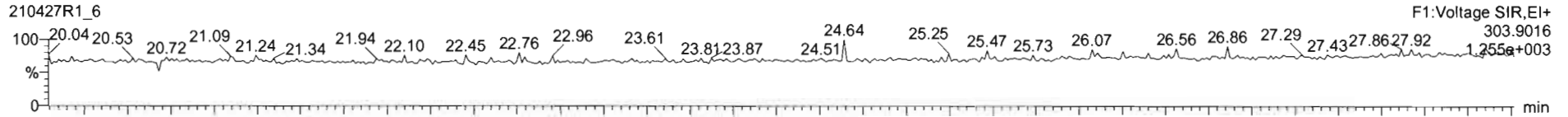


Dataset: Untitled

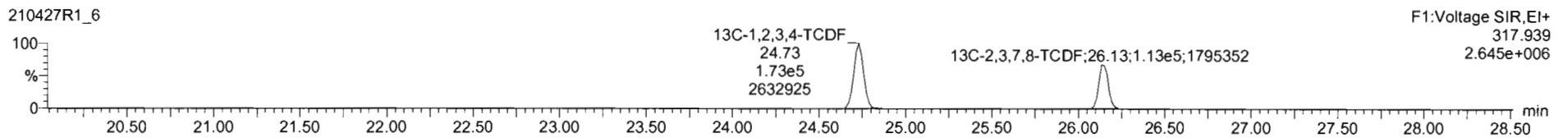
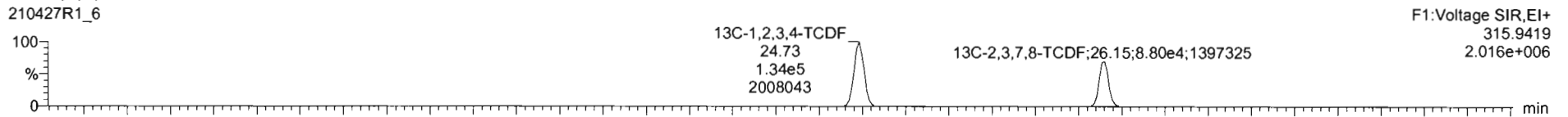
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Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

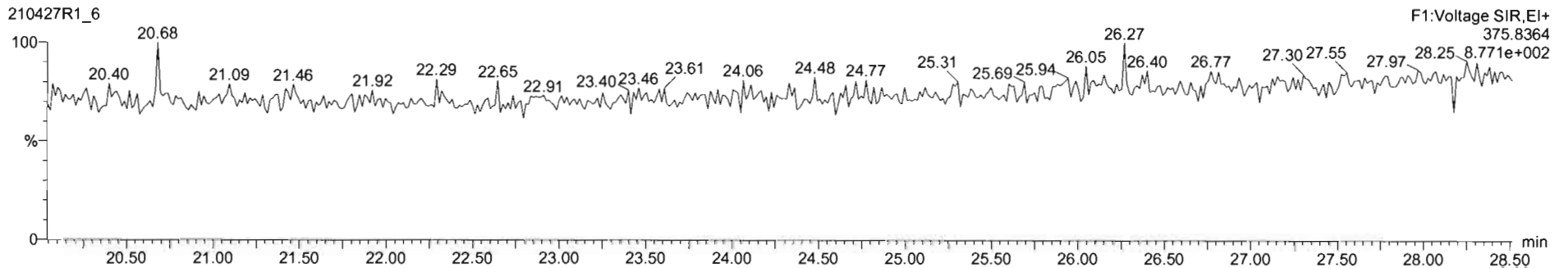
2,3,7,8-TCDF



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



DPE1



Dataset: Untitled

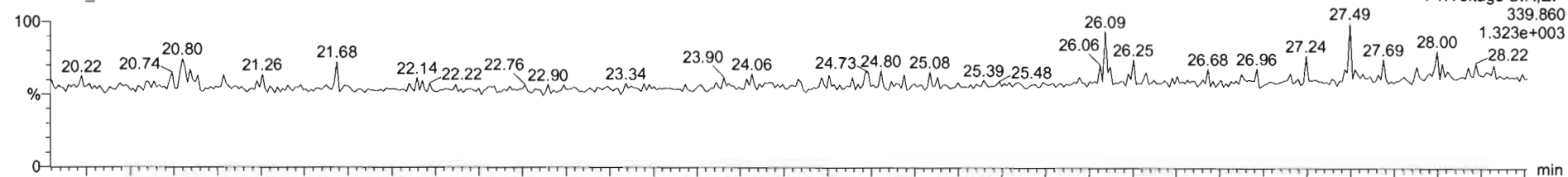
Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time

Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

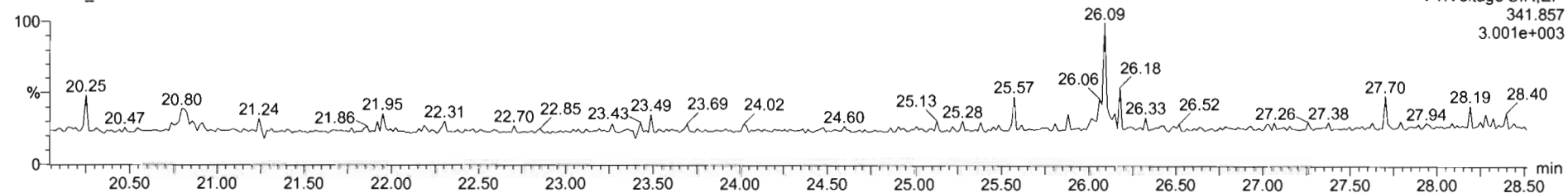
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

1st Func. Penta-Furans

210427R1_6

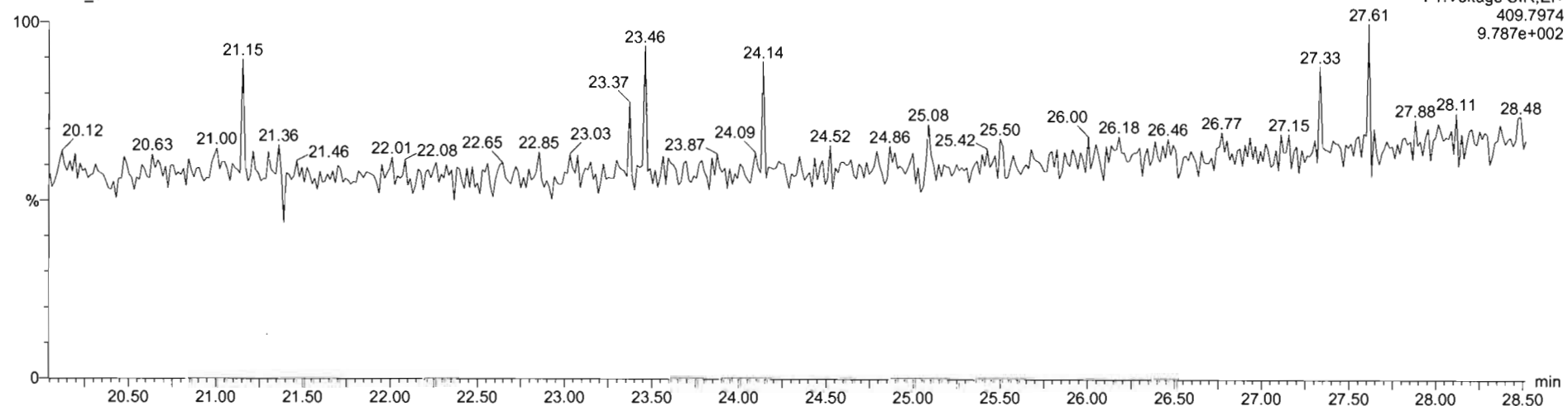


210427R1_6



DPE6

210427R1_6



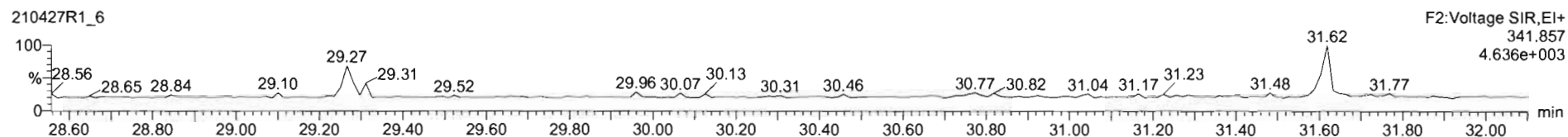
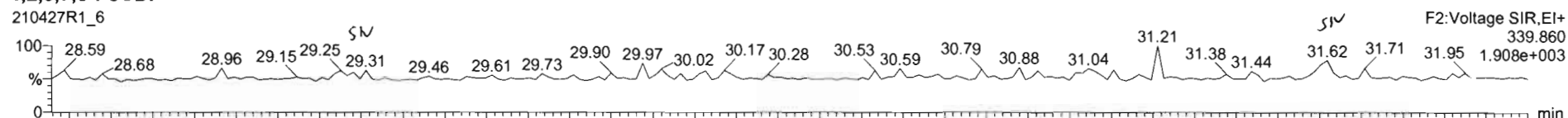
Dataset: Untitled

Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time

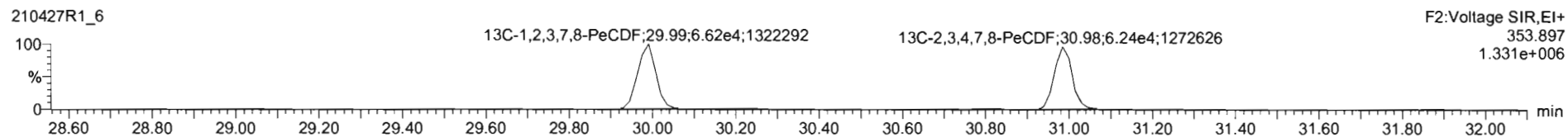
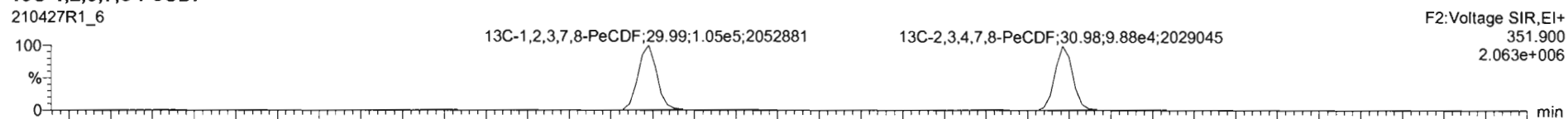
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Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

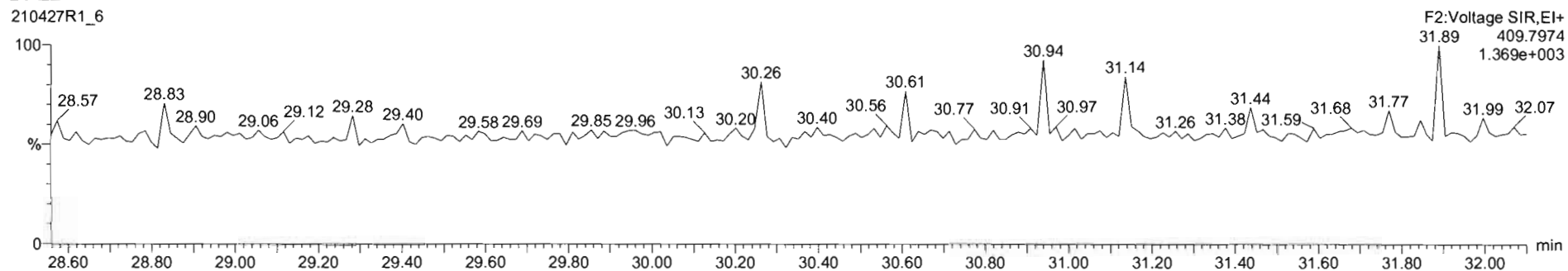
1,2,3,7,8-PeCDF

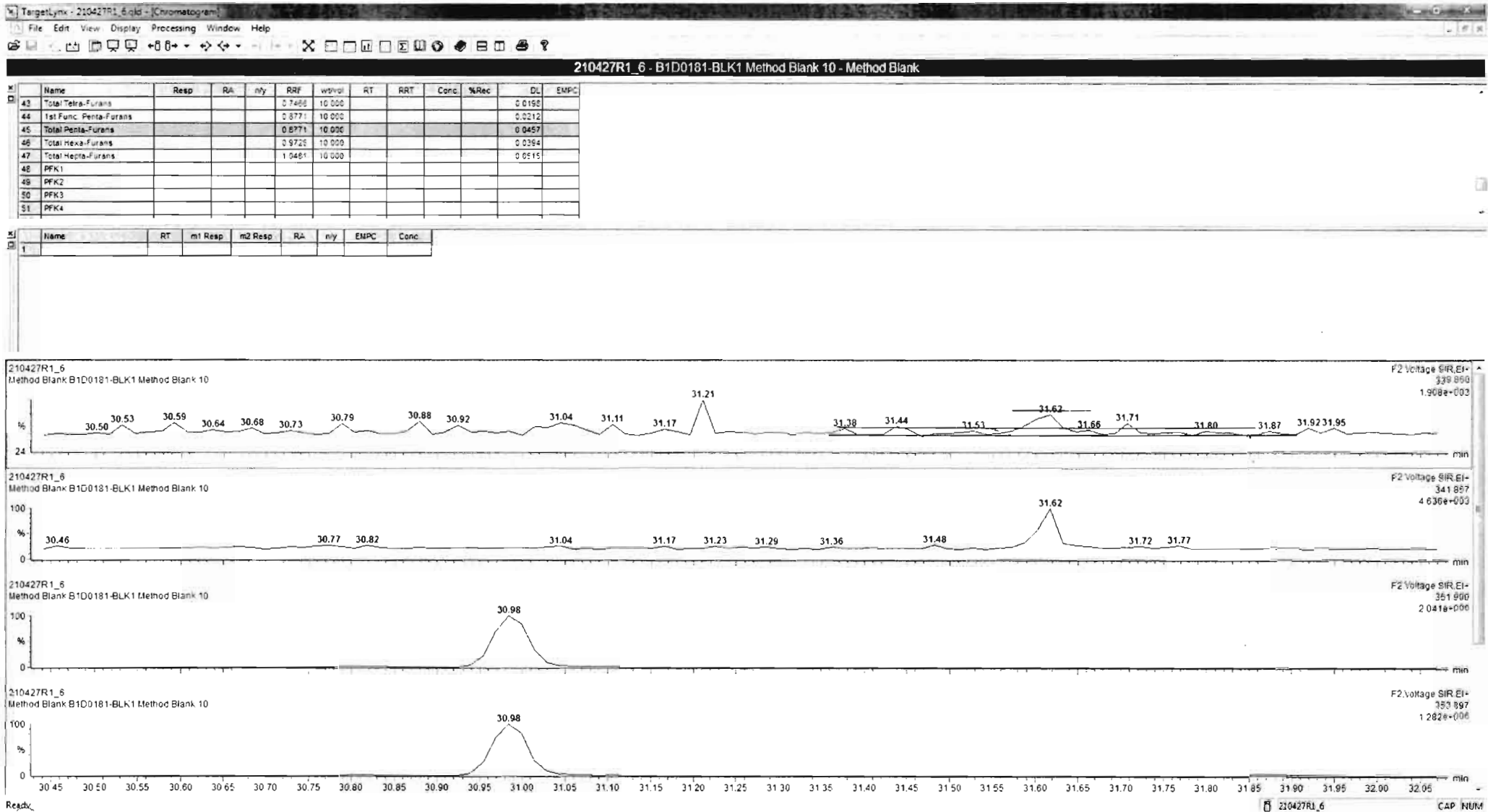


13C-1,2,3,7,8-PeCDF



DPE2





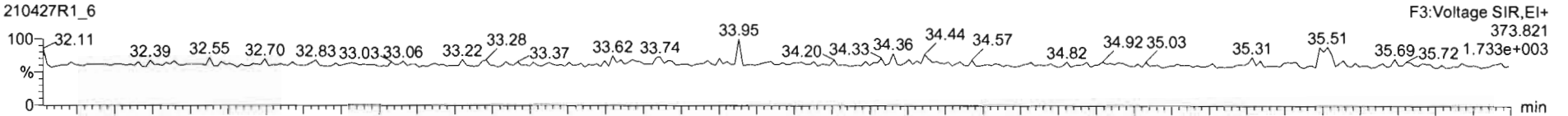
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Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time
Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

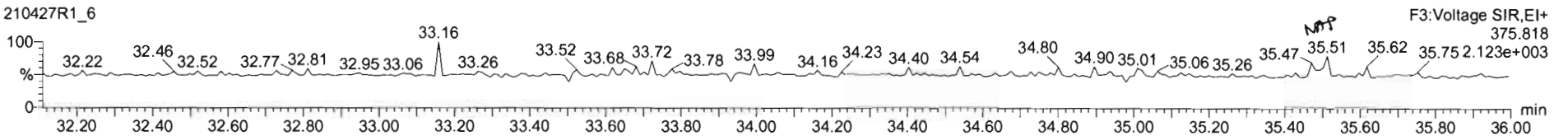
Name: 210427R1_6, Date: 27-Apr-2021, Time: 12:56:17, ID: B1D0181-BLK1 Method Blank 10, Description: Method Blank

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

210427R1_6

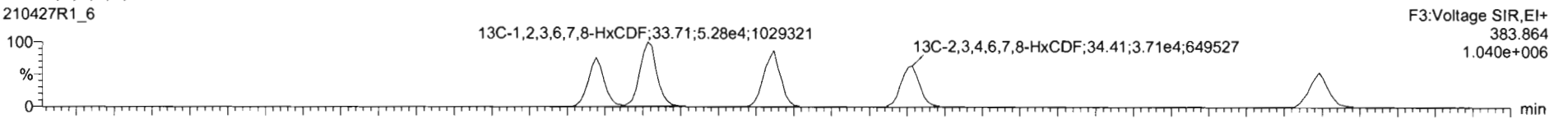


210427R1_6

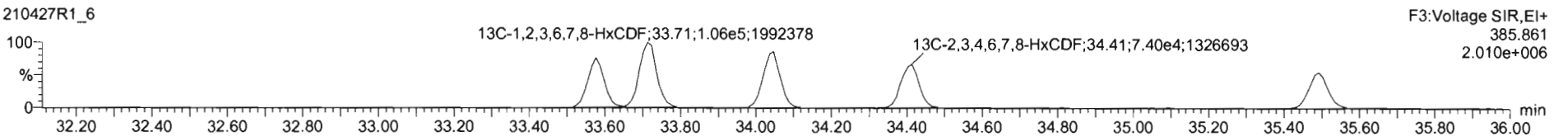


13C-1,2,3,4,7,8-HxCDF

210427R1_6

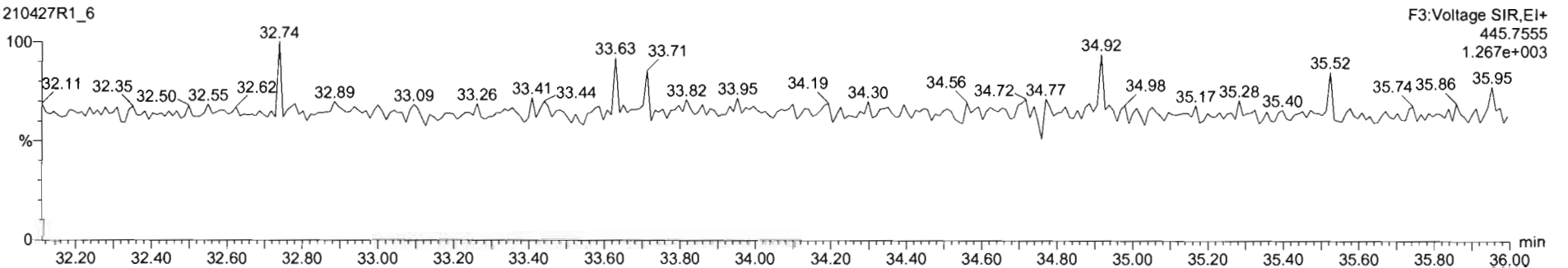


210427R1_6



DPE3

210427R1_6



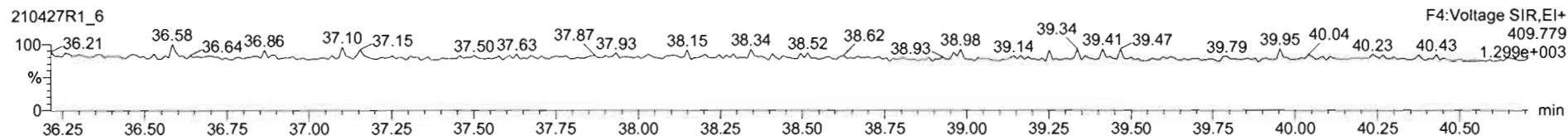
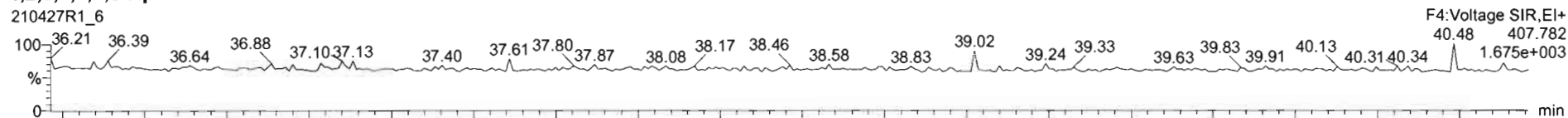
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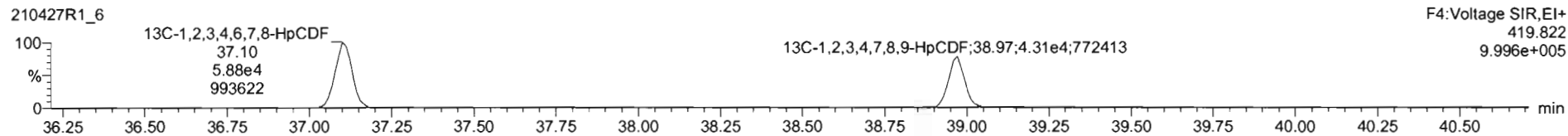
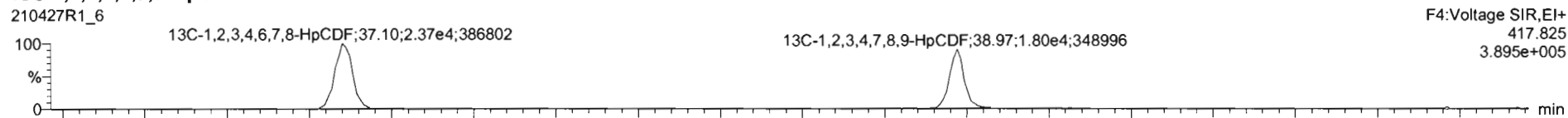
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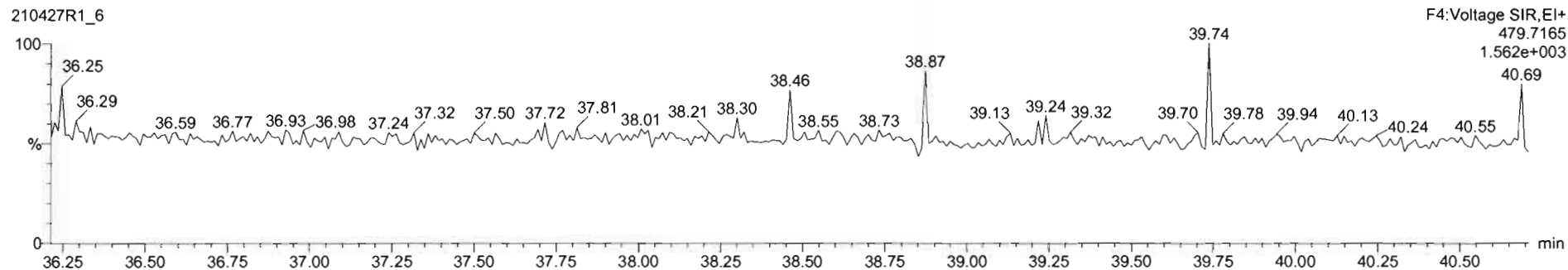
1,2,3,4,6,7,8-HpCDF



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



DPE4



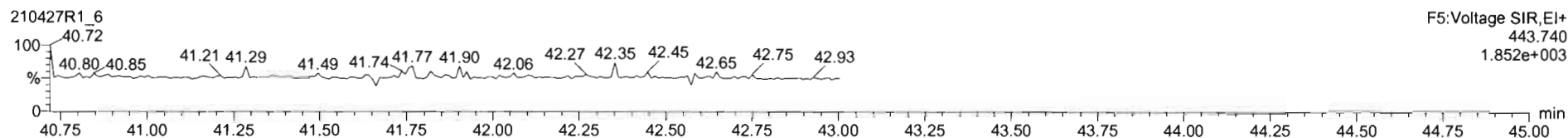
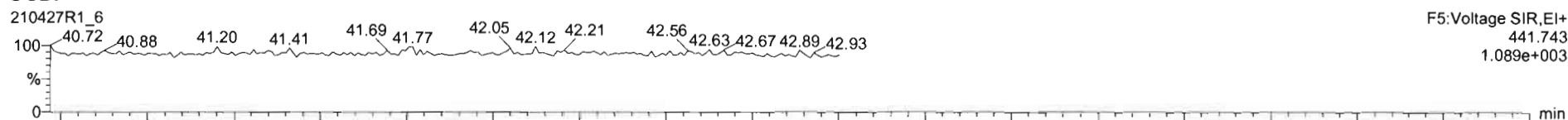
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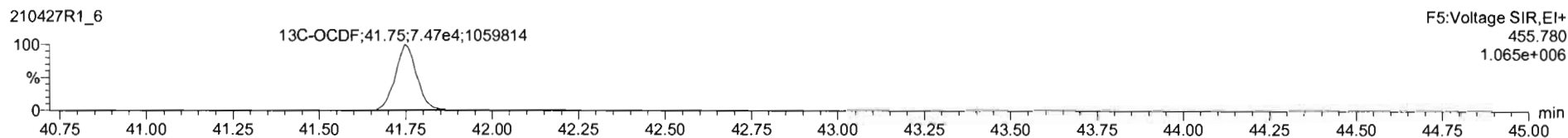
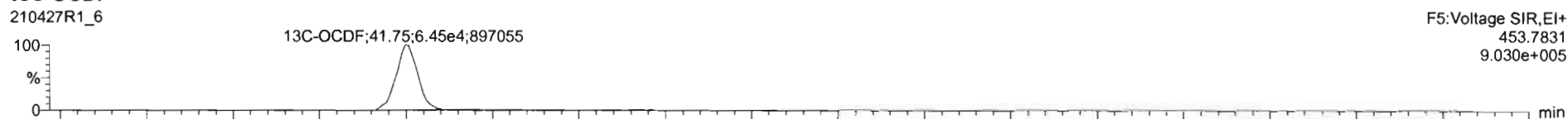
Printed: Thursday, April 29, 2021 10:49:37 Pacific Daylight Time

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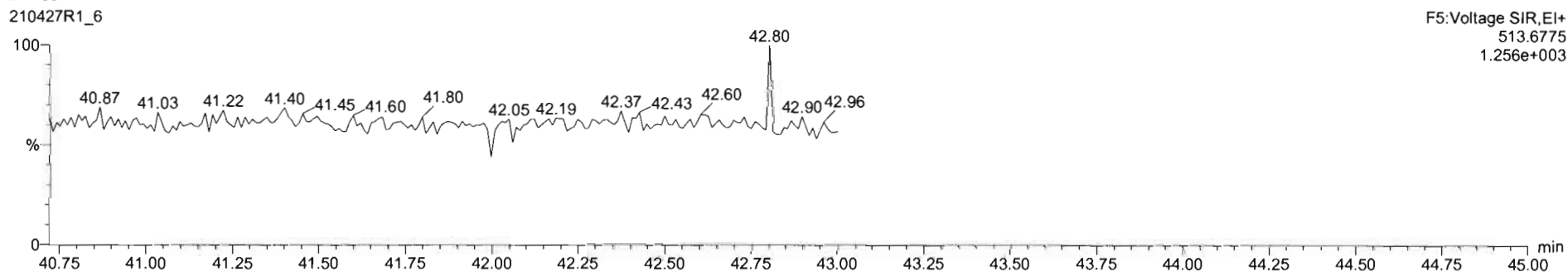
OCDF



13C-OCDF



DPE5



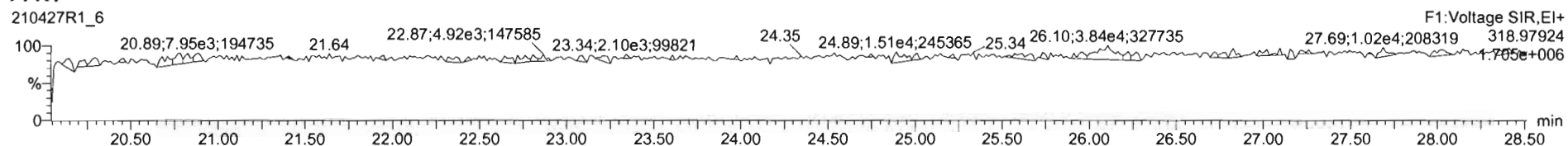
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Last Altered: Thursday, April 29, 2021 10:49:31 Pacific Daylight Time

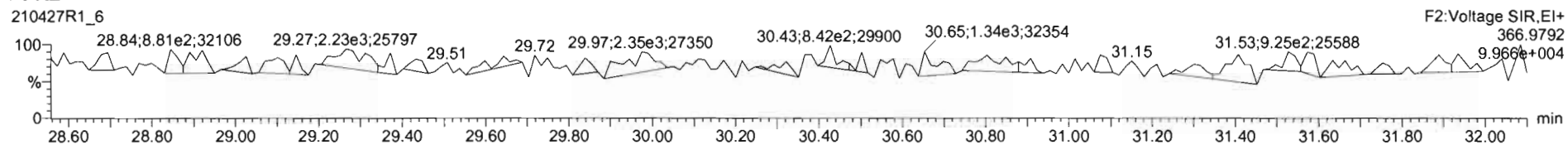
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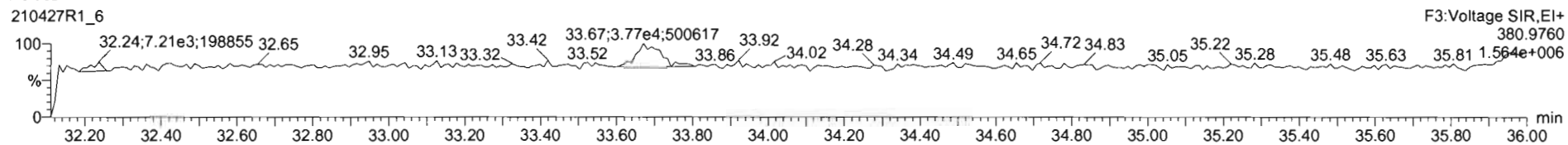
PFK1



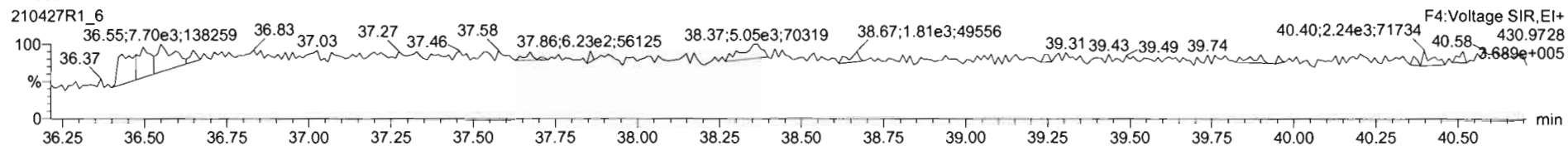
PFK2



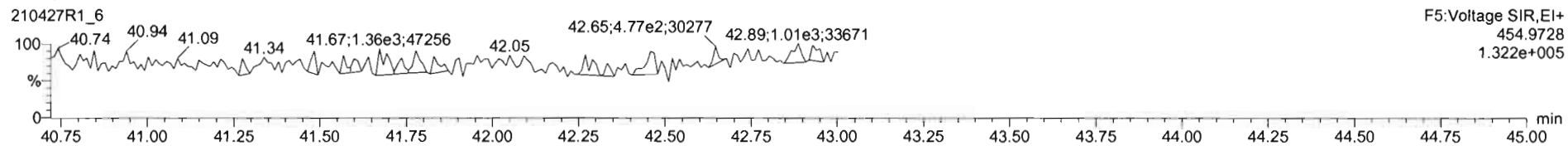
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_4.qld

Last Altered: Thursday, April 29, 2021 11:22:52 Pacific Daylight Time
Printed: Thursday, April 29, 2021 11:23:30 Pacific Daylight Time

HIN 04/29/21

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Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

C704/30/2021

Name: 210427R1_4, Date: 27-Apr-2021, Time: 11:22:38, ID: B1D0181-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	1.01e4	0.78	NO	0.929	10.000	26.787	26.77	1.001	1.001	21.935		0.166	21.9
2	2 1,2,3,7,8-PeCDD	4.74e4	0.61	NO	0.826	10.000	31.181	31.17	1.001	1.001	107.07		0.320	107
3	3 1,2,3,4,7,8-HxCDD	3.57e4	1.20	NO	0.972	10.000	34.519	34.52	1.001	1.001	111.53		0.582	112
4	4 1,2,3,6,7,8-HxCDD	3.67e4	1.22	NO	0.877	10.000	34.655	34.64	1.001	1.000	110.27		0.577	110
5	5 1,2,3,7,8,9-HxCDD	4.15e4	1.22	NO	0.874	10.000	34.926	34.93	1.000	1.000	107.63		0.528	108
6	6 1,2,3,4,6,7,8-HpCDD	3.05e4	1.03	NO	0.899	10.000	38.300	38.30	1.000	1.000	106.27		0.890	106
7	7 OCDD	4.02e4	0.86	NO	0.852	10.000	41.398	41.41	1.000	1.001	217.94		1.54	218
8	8 2,3,7,8-TCDF	1.02e4	0.71	NO	0.747	10.000	26.137	26.15	1.000	1.001	20.289		0.141	20.3
9	9 1,2,3,7,8-PeCDF	6.12e4	1.58	NO	0.877	10.000	29.962	29.99	1.000	1.001	107.43		0.470	107
10	10 2,3,4,7,8-PeCDF	5.85e4	1.60	NO	0.962	10.000	30.991	30.99	1.001	1.001	106.04		0.462	106
11	11 1,2,3,4,7,8-HxCDF	3.83e4	1.17	NO	0.920	10.000	33.576	33.58	1.000	1.000	104.93		0.726	105
12	12 1,2,3,6,7,8-HxCDF	4.98e4	1.22	NO	0.936	10.000	33.722	33.71	1.001	1.000	102.94		0.568	103
13	13 2,3,4,6,7,8-HxCDF	4.19e4	1.19	NO	0.973	10.000	34.414	34.41	1.001	1.001	106.71		0.743	107
14	14 1,2,3,7,8,9-HxCDF	3.46e4	1.26	NO	0.940	10.000	35.482	35.48	1.000	1.000	106.22		0.896	106
15	15 1,2,3,4,6,7,8-HpCDF	3.16e4	0.98	NO	1.05	10.000	37.120	37.11	1.000	1.000	106.68		0.855	107
16	16 1,2,3,4,7,8,9-HpCDF	2.44e4	1.03	NO	1.05	10.000	38.971	38.98	1.000	1.001	109.21		0.984	109
17	17 OCDF	4.16e4	0.83	NO	0.771	10.000	41.733	41.74	1.000	1.000	210.90		0.843	211
18	18 13C-2,3,7,8-TCDD	9.95e4	0.74	NO	1.10	10.000	26.746	26.75	1.027	1.027	100.56	50.3	0.405	
19	19 13C-1,2,3,7,8-PeCDD	1.07e5	0.61	NO	0.864	10.000	31.139	31.15	1.196	1.196	138.60	69.3	0.621	
20	20 13C-1,2,3,4,7,8-HxCDD	6.58e4	1.27	NO	0.746	10.000	34.507	34.50	1.014	1.014	172.58	86.3	1.20	
21	21 13C-1,2,3,6,7,8-HxCDD	7.58e4	1.25	NO	0.847	10.000	34.626	34.63	1.017	1.018	175.28	87.6	1.06	
22	22 13C-1,2,3,7,8,9-HxCDD	8.82e4	1.23	NO	0.868	10.000	34.925	34.92	1.026	1.026	198.87	99.4	1.03	
23	23 13C-1,2,3,4,6,7,8-HpCDD	6.39e4	1.02	NO	0.664	10.000	38.278	38.29	1.125	1.125	188.37	94.2	1.44	
24	24 13C-OCDD	8.66e4	0.84	NO	0.561	10.000	41.229	41.39	1.211	1.216	302.40	75.6	1.12	
25	25 13C-2,3,7,8-TCDF	1.34e5	0.75	NO	1.09	10.000	26.134	26.13	1.003	1.003	106.76	53.4	0.523	
26	26 13C-1,2,3,7,8-PeCDF	1.30e5	1.57	NO	0.809	10.000	29.866	29.96	1.147	1.150	139.44	69.7	0.799	
27	27 13C-2,3,4,7,8-PeCDF	1.15e5	1.53	NO	0.803	10.000	30.829	30.97	1.184	1.189	124.06	62.0	0.806	
28	28 13C-1,2,3,4,7,8-HxCDF	7.94e4	0.47	NO	1.01	10.000	33.577	33.57	0.987	0.986	153.73	76.9	1.14	
29	29 13C-1,2,3,6,7,8-HxCDF	1.03e5	0.50	NO	1.07	10.000	33.707	33.70	0.990	0.990	188.63	94.3	1.07	
30	30 13C-2,3,4,6,7,8-HxCDF	8.07e4	0.49	NO	0.910	10.000	34.398	34.39	1.011	1.010	173.75	86.9	1.26	
31	31 13C-1,2,3,7,8,9-HxCDF	6.94e4	0.50	NO	0.828	10.000	35.477	35.47	1.042	1.042	164.00	82.0	1.39	

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_4.qld

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Printed: Thursday, April 29, 2021 11:23:30 Pacific Daylight Time

Name: 210427R1_4, Date: 27-Apr-2021, Time: 11:22:38, ID: B1D0181-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	5.65e4	0.41	NO	0.661	10.000	37.087	37.10	1.090	1.090	167.48	83.7	1.48	
33	33 13C-1,2,3,4,7,8,9-HpCDF	4.27e4	0.44	NO	0.566	10.000	38.850	38.96	1.141	1.145	147.72	73.9	1.73	
34	34 13C-OCDF	1.02e5	0.90	NO	0.663	10.000	41.617	41.72	1.223	1.226	302.45	75.6	1.18	
35	35 37Cl-2,3,7,8-TCDD	1.10e5			2.07	10.000	26.946	26.77	1.035	1.028	59.447	74.3	0.0460	
36	36 13C-1,2,3,4-TCDD	1.79e5	0.75	NO	1.00	10.000	26.070	26.05	1.000	1.000	200.00	100	0.447	
37	37 13C-1,2,3,4-TCDF	2.30e5	0.77	NO	1.00	10.000	24.760	24.72	1.000	1.000	200.00	100	0.571	
38	38 13C-1,2,3,4,6,9-HxCDF	1.02e5	0.49	NO	1.00	10.000	34.040	34.04	1.000	1.000	200.00	100	1.15	

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Printed: Thursday, April 29, 2021 10:46:19 Pacific Daylight Time

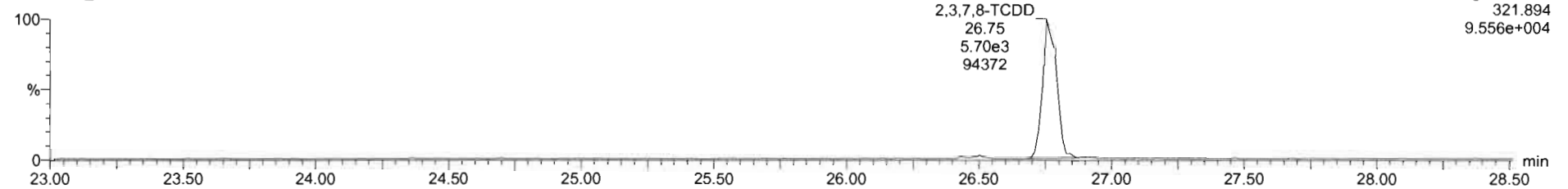
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2,3,7,8-TCDD

210427R1_4

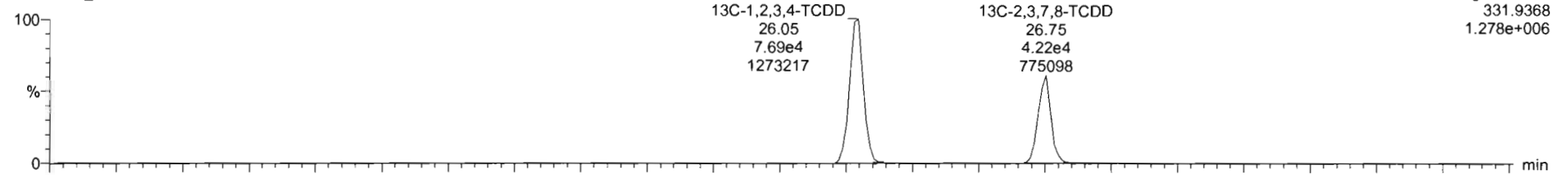


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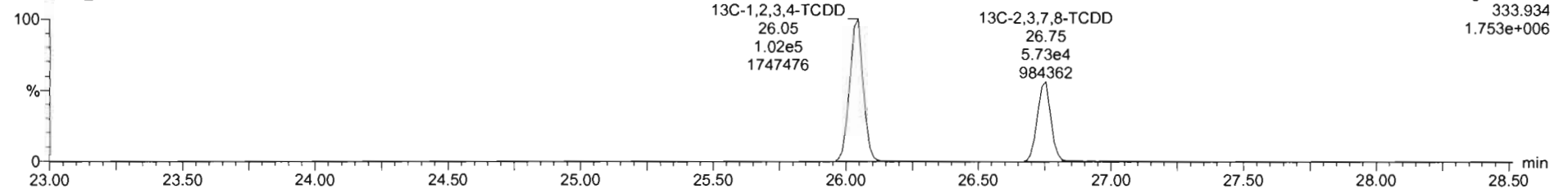


13C-2,3,7,8-TCDD

210427R1_4



210427R1_4



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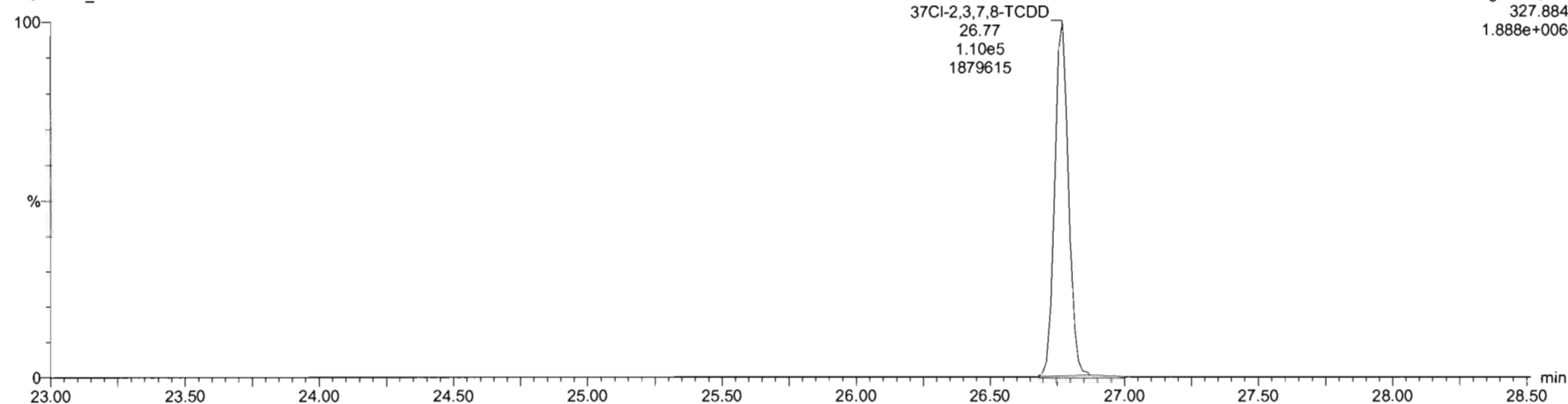
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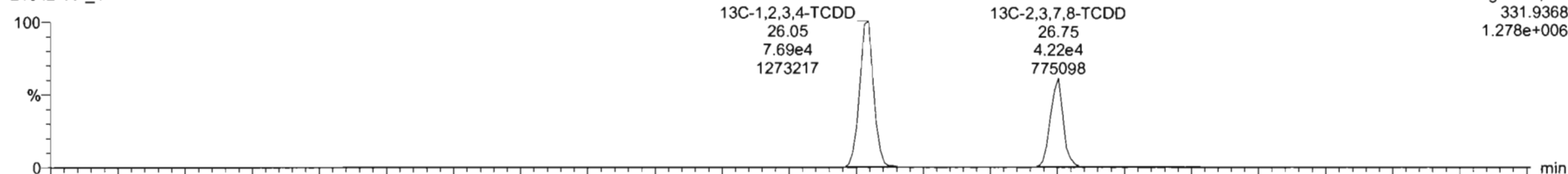
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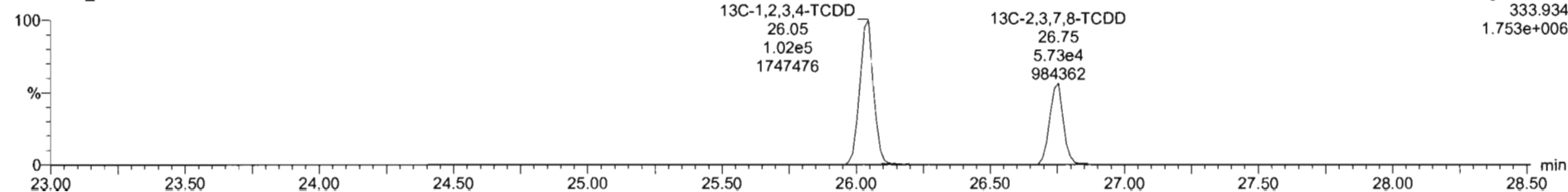


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210427R1_4



210427R1_4



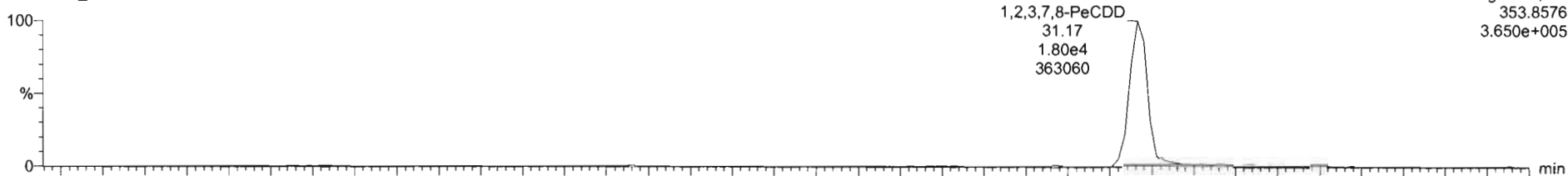
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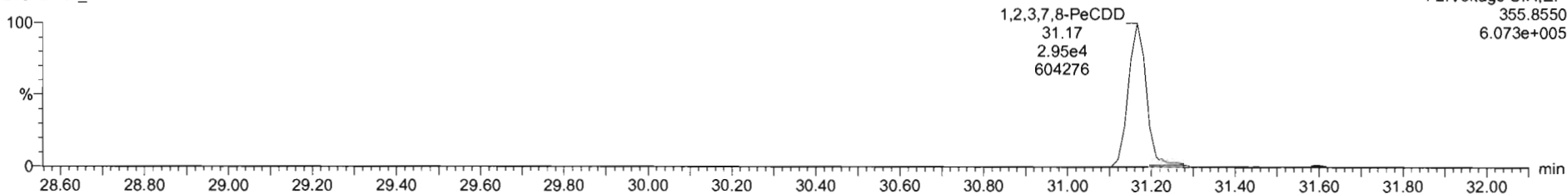
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1,2,3,7,8-PeCDD

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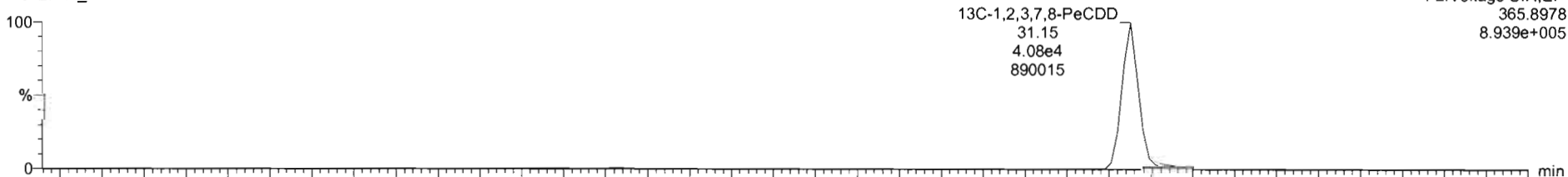


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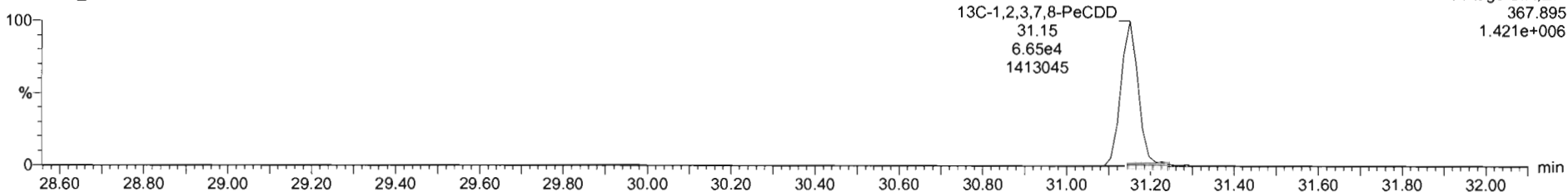


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210427R1_4



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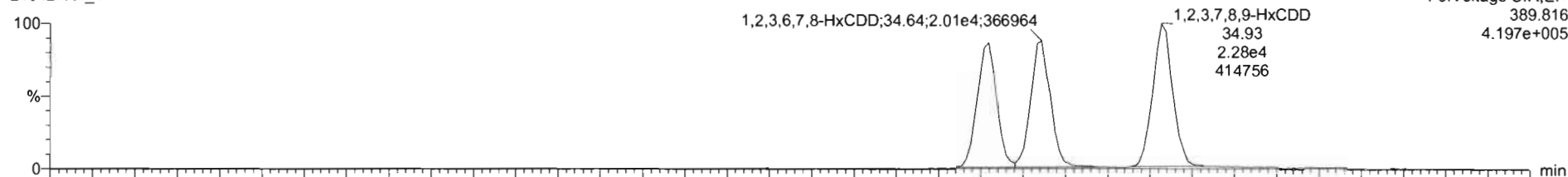
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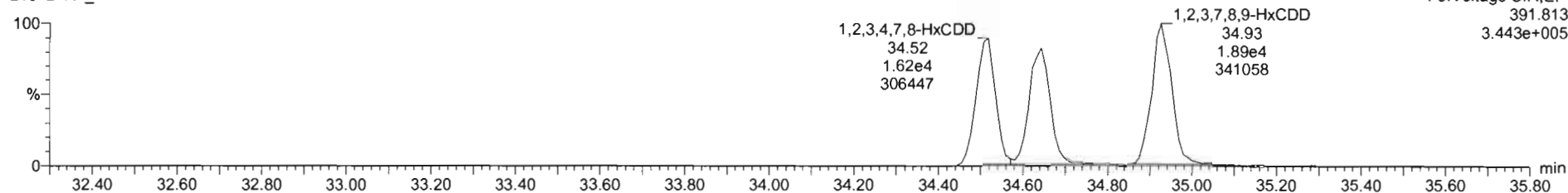
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1,2,3,4,7,8-HxCDD

210427R1_4

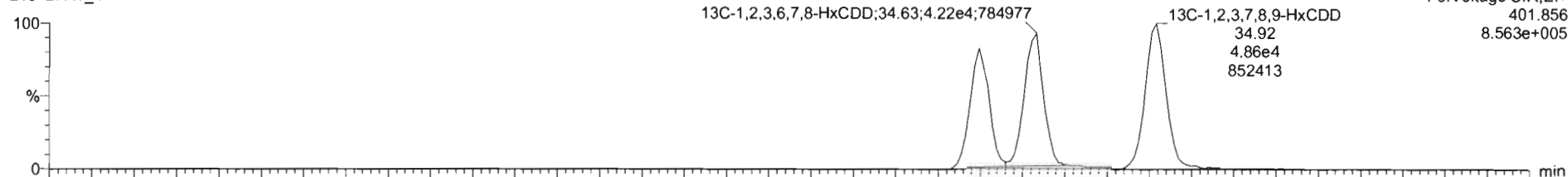


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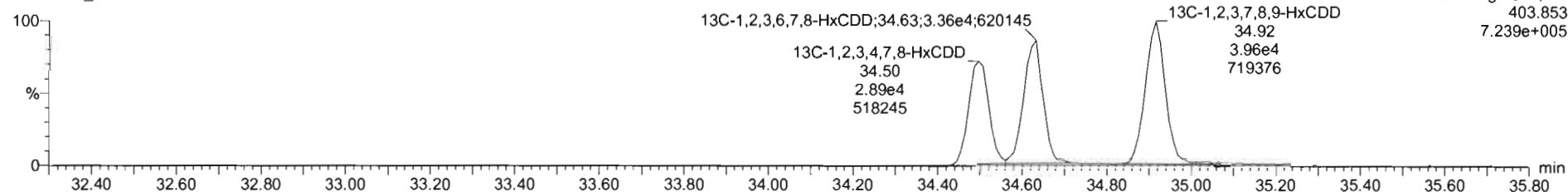


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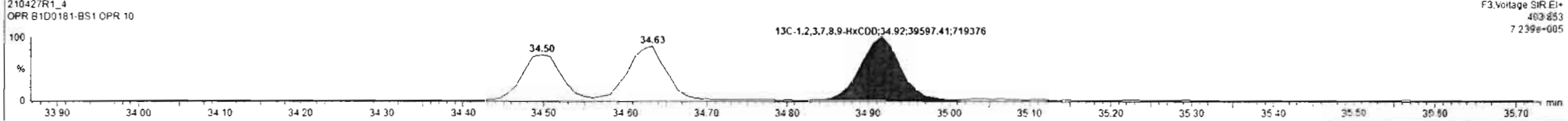
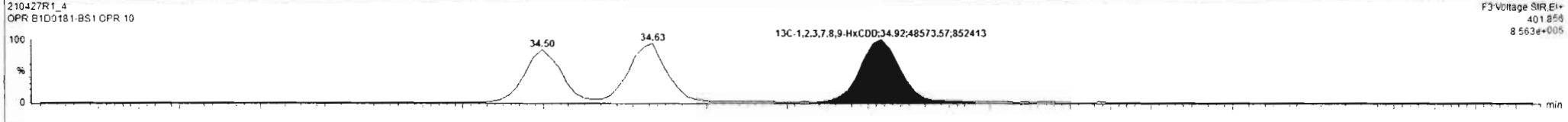
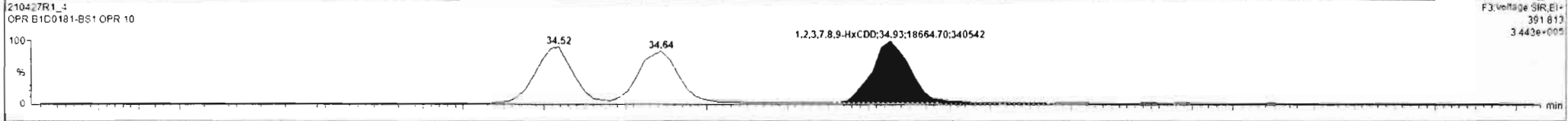
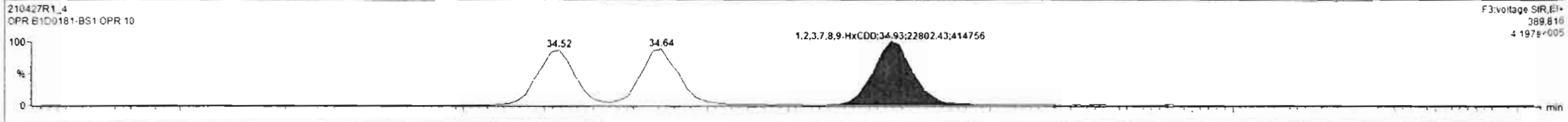


210427R1_4



210427R1_4 - B1D0181-BS1 OPR 10 - OPR

Name	Resp	RA	nly	RRF	wt%vol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.01e4	0.78	NO	0.9251	10.000	36.77	1.001	21.9		0.166	21.9
2 1,2,3,7,8-PeCDD	4.74e4	0.81	NO	0.9257	10.000	31.17	1.001	107		0.320	107
3 1,2,3,4,7,8-HxCDD	3.57e4	1.20	NO	0.9725	10.000	34.52	1.001	112		0.582	112
4 1,2,3,6,7,8-HxCDD	3.67e4	1.22	NO	0.9771	10.000	34.64	1.000	110		0.577	110
5 1,2,3,7,8,9-HxCDD	4.15e4	1.22	NO	0.8739	10.000	34.93	1.000	108		0.528	108
6 1,2,3,4,6,7,8-HpCDD	3.05e4	1.03	NO	0.9987	10.000	38.30	1.000	106		0.690	106
7 OCDD	4.02e4	0.96	NO	0.8524	10.000	41.41	1.001	218		1.154	218
8 2,3,7,8-TCDF	1.02e4	0.71	NO	0.7468	10.000	26.15	1.001	20.3		0.141	20.3
9 1,2,3,7,8-PeCDF	6.14e4	1.57	NO	0.8771	10.000	29.99	1.001	107		0.467	107
10 2,3,4,7,8-PeCDF	5.85e4	1.60	NO	0.9621	10.000	30.99	1.001	106		0.462	106
11 1,2,3,4,7,8-HxCDF	3.83e4	1.17	NO	0.9202	10.000	33.58	1.000	105		0.726	105
12 1,2,3,6,7,8-HxCDF	4.90e4	1.22	NO	0.9363	10.000	33.71	1.000	103		0.568	103
13 2,3,4,6,7,8-HxCDF	4.19e4	1.19	NO	0.9725	10.000	34.41	1.001	107		0.743	107
14 1,2,3,7,8,9-HxCDF	2.46e4	1.26	NO	0.9398	10.000	35.48	1.000	106		0.696	106
15 1,2,3,4,6,7,8-HpCDF	3.16e4	0.98	NO	1.0481	10.000	37.11	1.000	107		0.655	107
16 1,2,3,4,7,8,9-HpCDF	2.44e4	1.03	NO	1.0453	10.000	38.98	1.001	109		0.954	109
17 OCDF	4.16e4	0.63	NO	0.7712	10.000	41.74	1.000	211		0.843	211



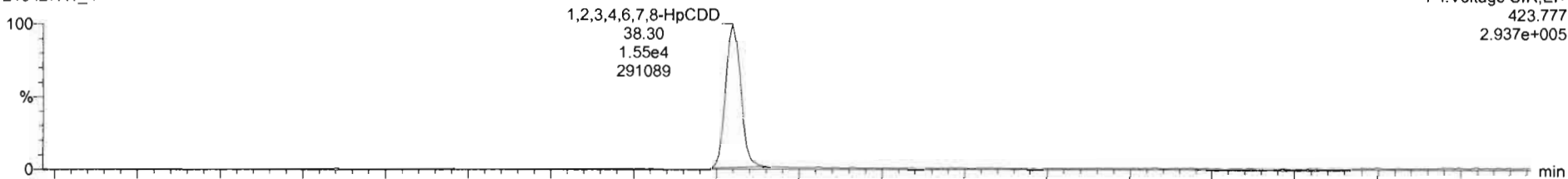
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Printed: Thursday, April 29, 2021 10:46:19 Pacific Daylight Time

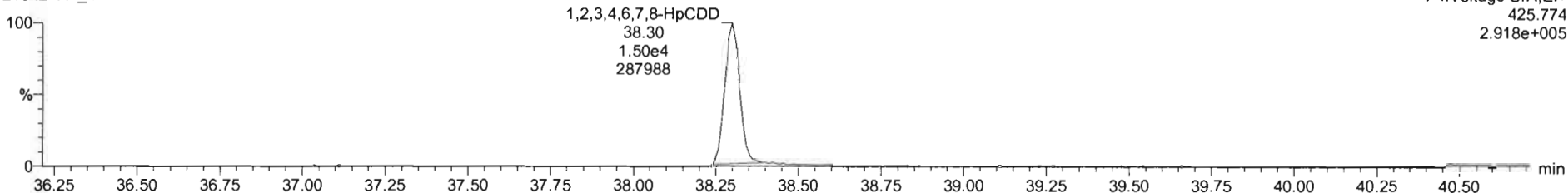
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1,2,3,4,6,7,8-HpCDD

210427R1_4

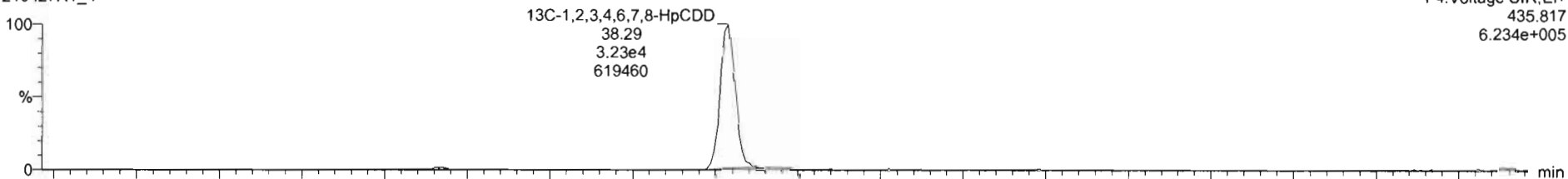


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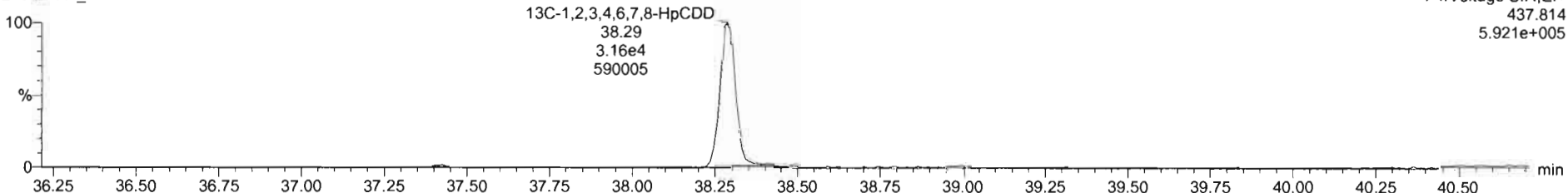


13C-1,2,3,4,6,7,8-HpCDD

210427R1_4



210427R1_4



Dataset: Untitled

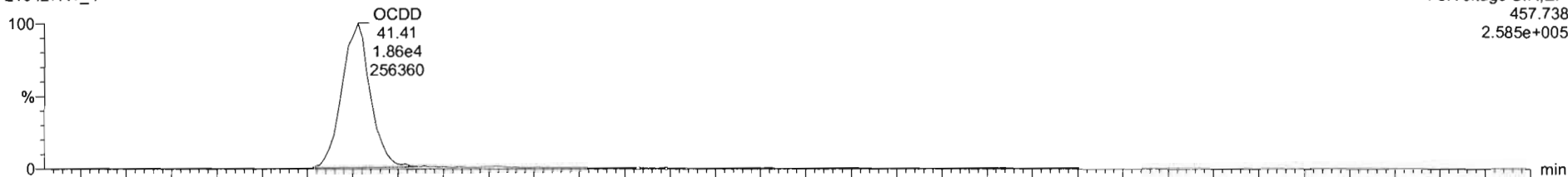
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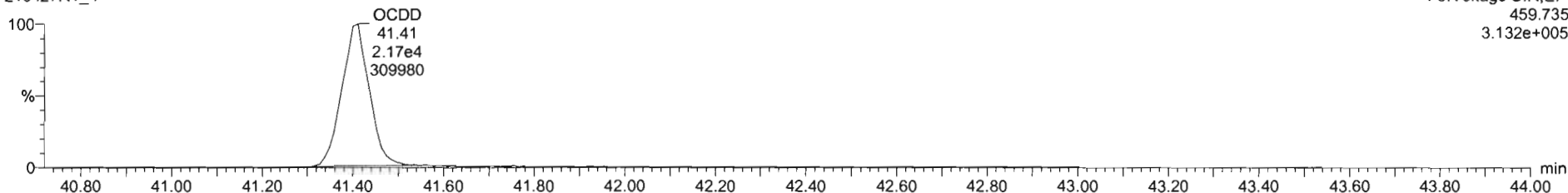
OCDD

210427R1_4



F5:Voltage SIR,EI+
457.738
2.585e+005

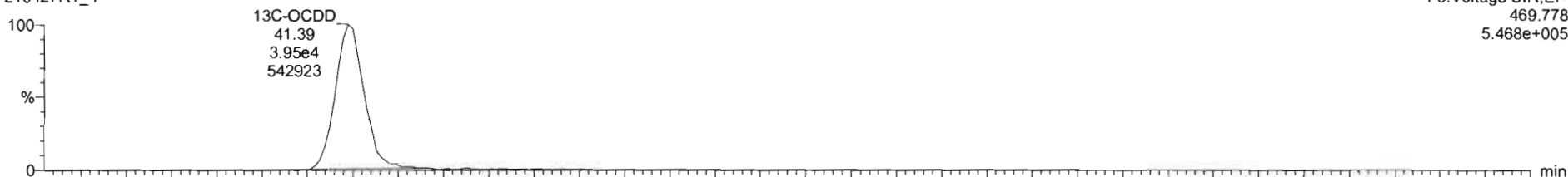
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F5:Voltage SIR,EI+
459.735
3.132e+005

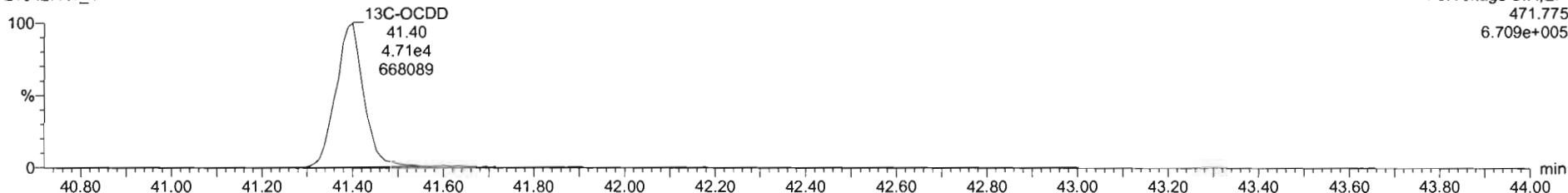
13C-OCDD

210427R1_4



F5:Voltage SIR,EI+
469.778
5.468e+005

210427R1_4



F5:Voltage SIR,EI+
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6.709e+005

Dataset: Untitled

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Printed: Thursday, April 29, 2021 10:46:19 Pacific Daylight Time

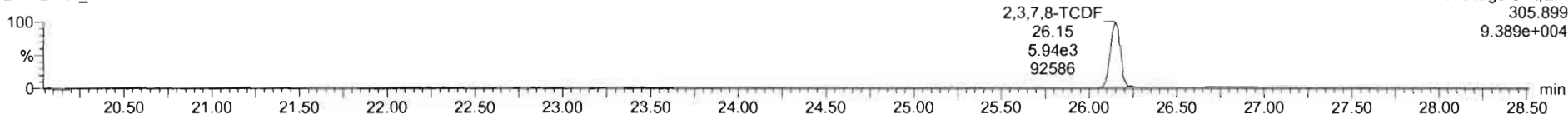
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2,3,7,8-TCDF

210427R1_4

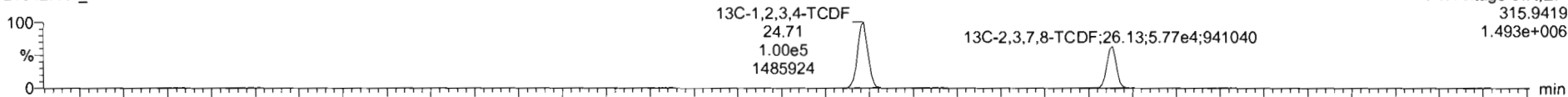


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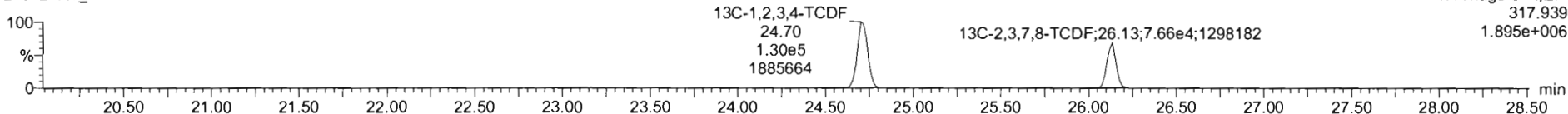


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210427R1_4

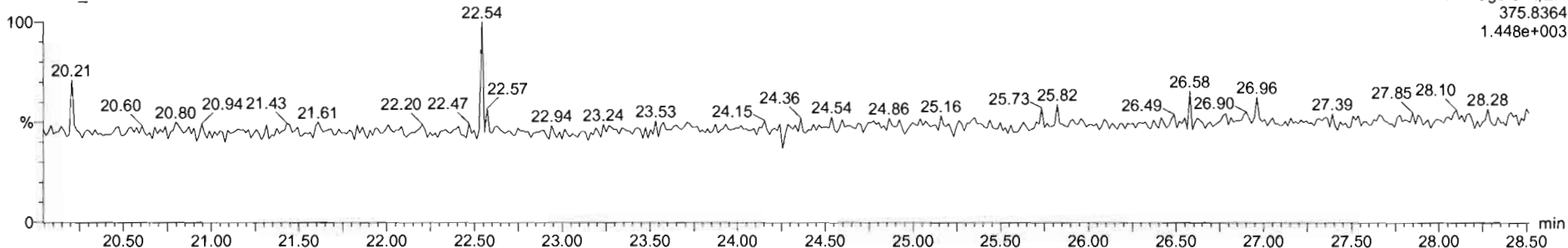


210427R1_4



DPE1

210427R1_4



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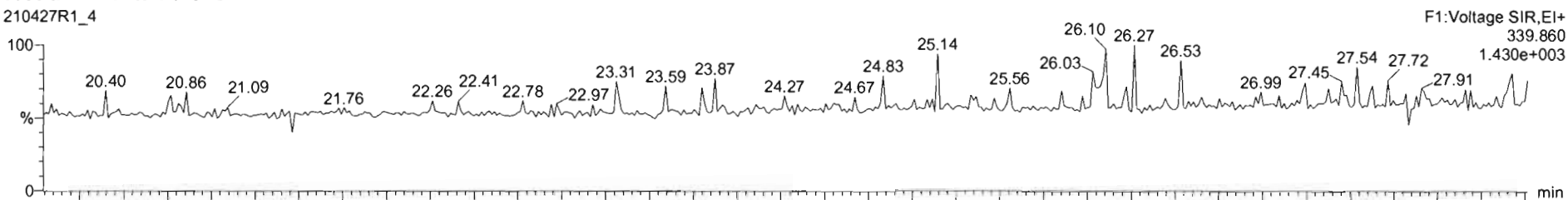
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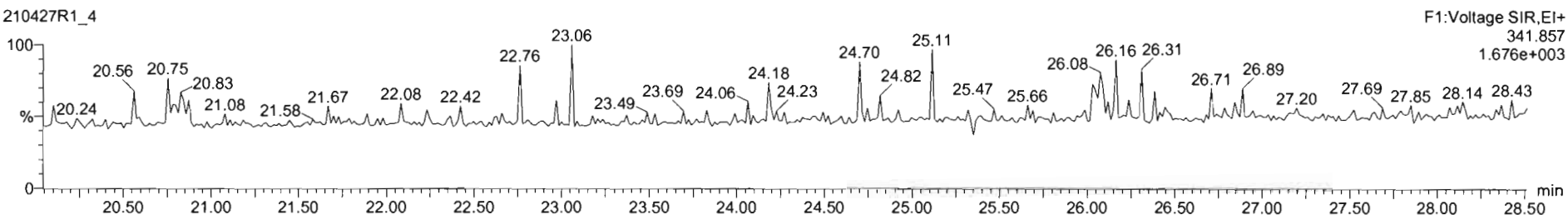
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1st Func. Penta-Furans

210427R1_4

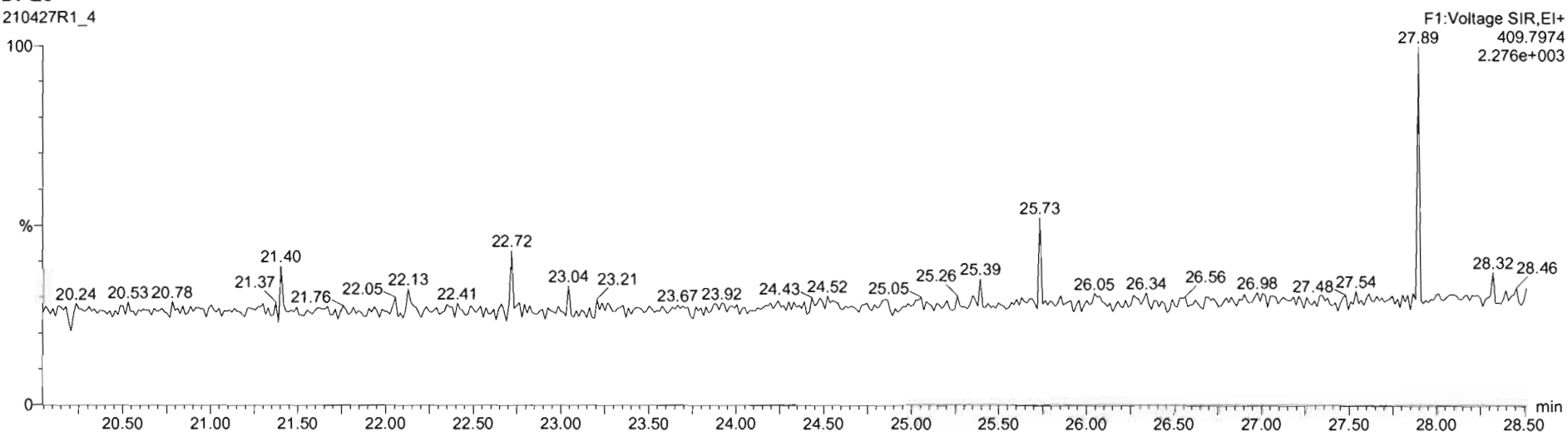


210427R1_4



DPE6

210427R1_4



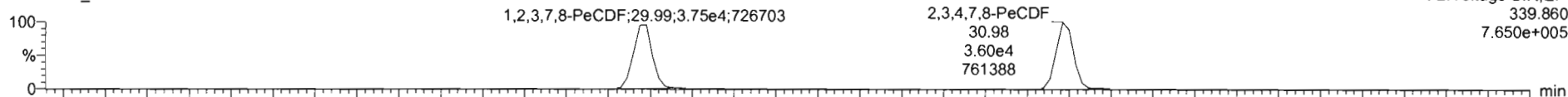
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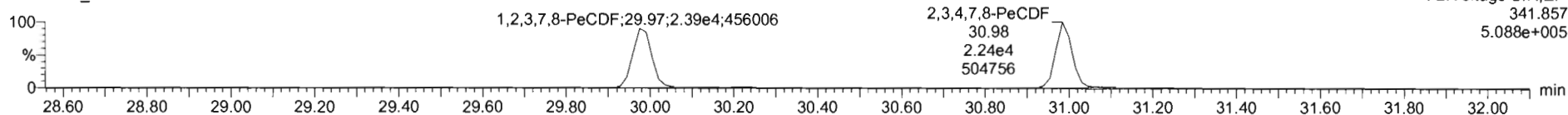
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1,2,3,7,8-PeCDF

210427R1_4

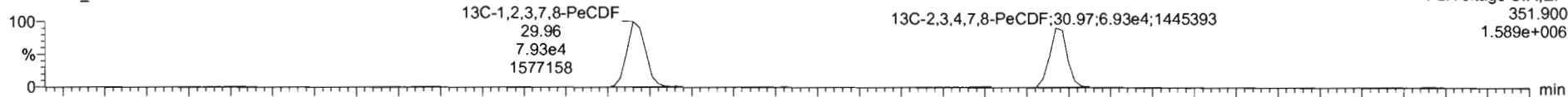


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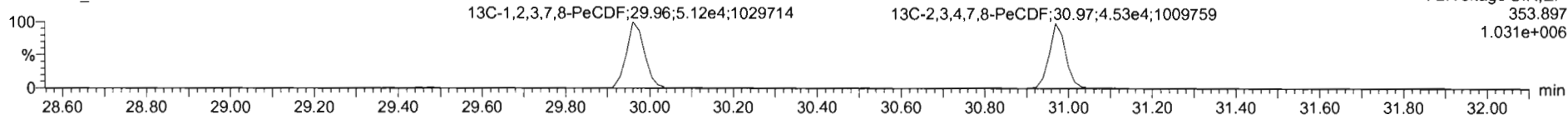


13C-1,2,3,7,8-PeCDF

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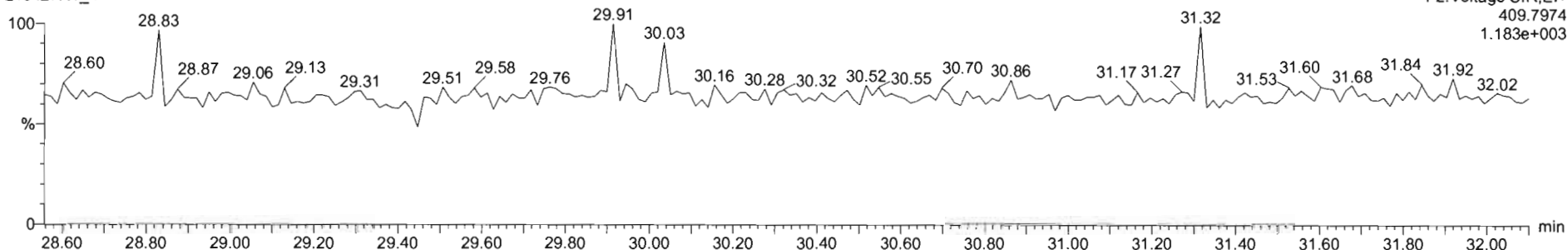


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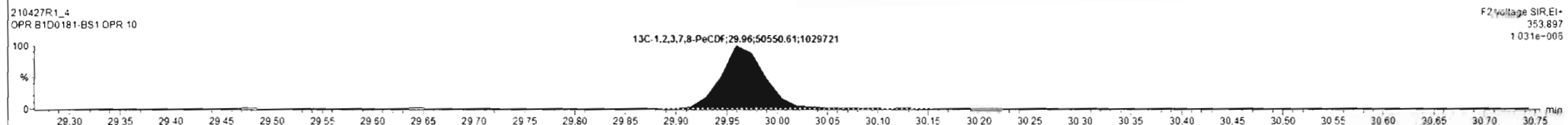
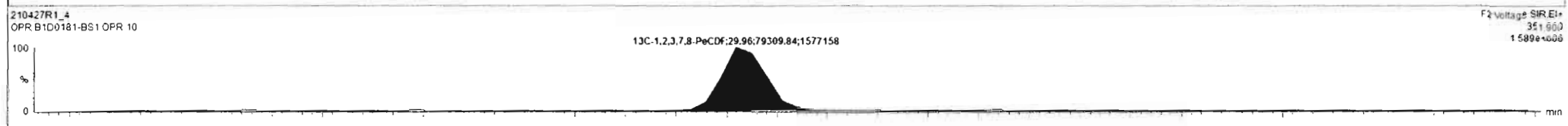
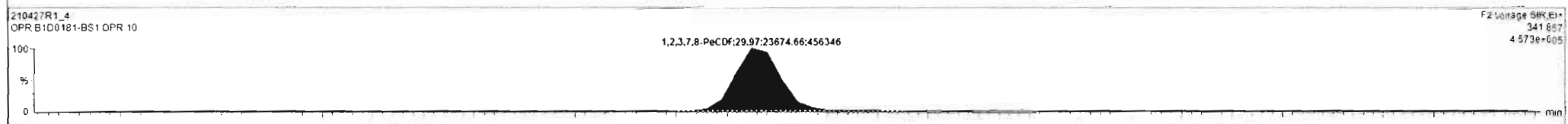
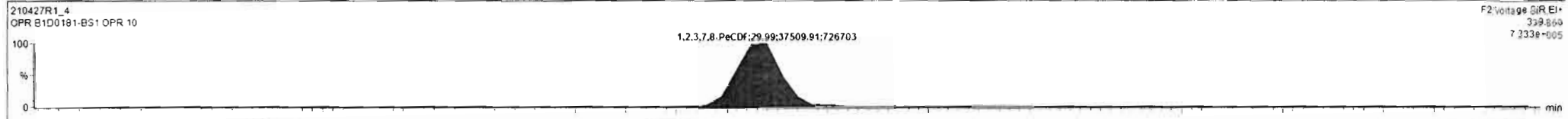
DPE2

210427R1_4



210427R1_4 - B1D0181-BS1 OPR 10 - QPR

NI	Name	Resp	RA	n/y	RRF	wt/wgt	RT	RRT	Conc.	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.01e4	0.78	NO	0.9291	10.000	26.77	1.001	21.9		0.186	21.8
2	1,2,3,7,8-PeCDD	4.74e4	0.81	NO	0.8257	10.000	31.17	1.001	107		0.320	107
3	1,2,3,4,7,8-HxCDD	3.57e4	1.20	NO	0.9725	10.000	34.52	1.001	112		0.582	112
4	1,2,3,6,7,8-HxCDD	3.67e4	1.22	NO	0.8771	10.000	34.64	1.000	110		0.577	110
5	1,2,3,7,8,9-HxCDD	4.15e4	1.22	NO	0.8739	10.000	34.53	1.000	108		0.528	108
6	1,2,3,4,6,7,8-HpCDD	3.05e4	1.03	NO	0.8987	10.000	36.30	1.000	108		0.890	108
7	OCDD	4.02e4	0.96	NO	0.8524	10.000	41.41	1.001	218		1.54	218
8	2,3,7,8-TCDF	1.02e4	0.71	NO	0.7466	10.000	26.15	1.001	20.3		0.141	20.3
9	1,2,3,7,8-PeCDF	6.12e4	1.58	NO	0.8771	10.000	29.99	1.001	107		0.470	107
10	2,3,4,7,8-PeCDF	5.58e4	1.60	NO	0.9621	10.000	30.99	1.001	106		0.462	106
11	1,2,3,4,7,8-HxCDF	3.53e4	1.17	NO	0.9202	10.000	33.58	1.000	105		0.726	105
12	1,2,3,6,7,8-HxCDF	4.56e4	1.22	NO	0.9363	10.000	33.71	1.000	103		0.568	103
13	2,3,4,6,7,8-HxCDF	4.19e4	1.19	NO	0.9725	10.000	34.41	1.001	107		0.743	107
14	1,2,3,7,8,9-HxCDF	3.46e4	1.26	NO	0.9396	10.000	35.43	1.000	106		0.896	106
15	1,2,3,4,6,7,8-HpCDF	3.16e4	0.98	NO	1.0451	10.000	37.11	1.000	107		0.855	107
16	1,2,3,4,7,8,9-HpCDF	2.44e4	1.03	NO	1.0453	10.000	38.98	1.001	109		0.984	109
17	OCDF	4.16e4	0.93	NO	0.7712	10.000	41.74	1.000	211		0.843	211



Regdu 210427R1_4 CAP INUM

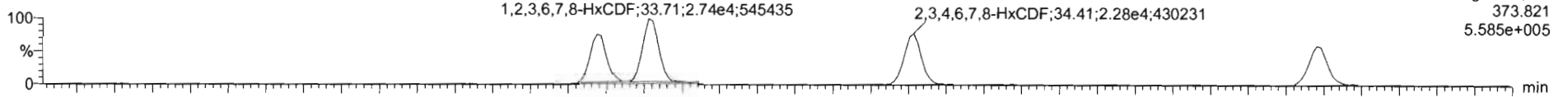
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Printed: Thursday, April 29, 2021 10:46:19 Pacific Daylight Time

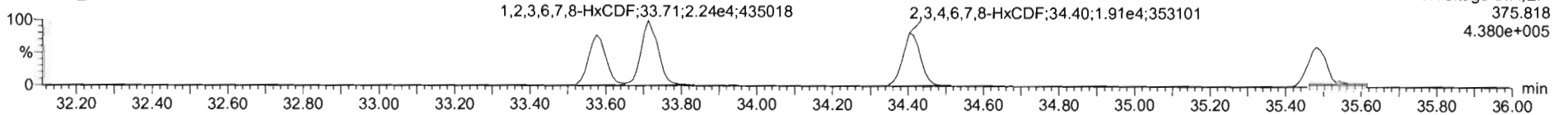
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210427R1_4

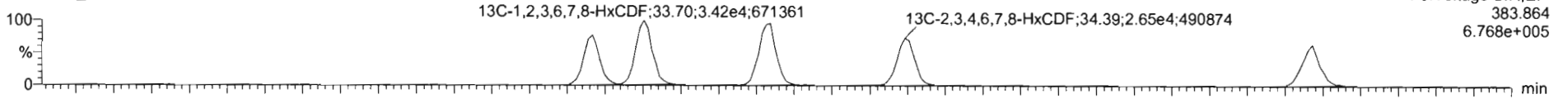


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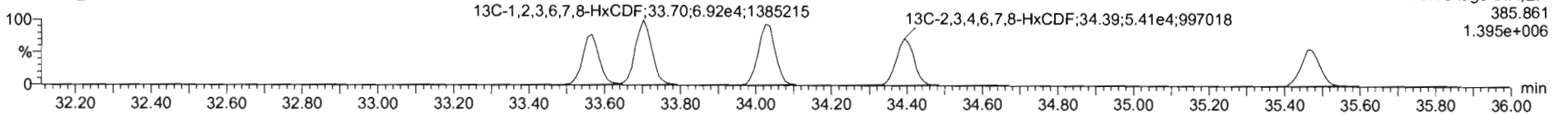


13C-1,2,3,4,7,8-HxCDF

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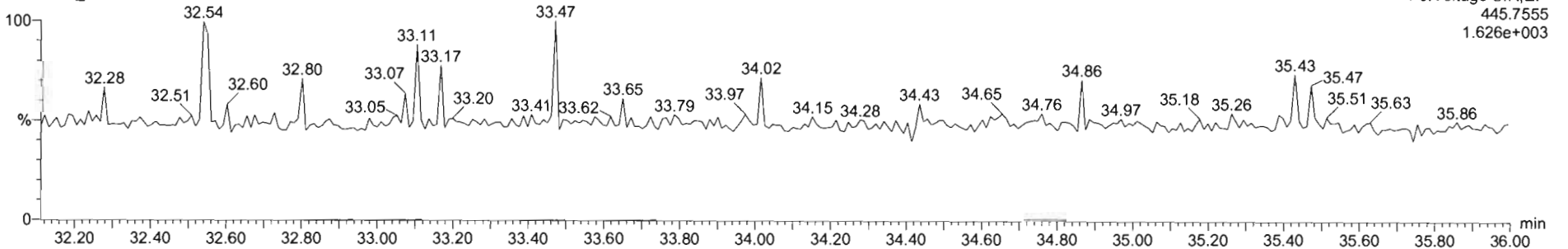


210427R1_4



DPE3

210427R1_4



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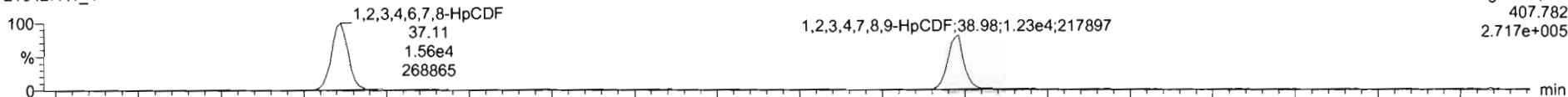
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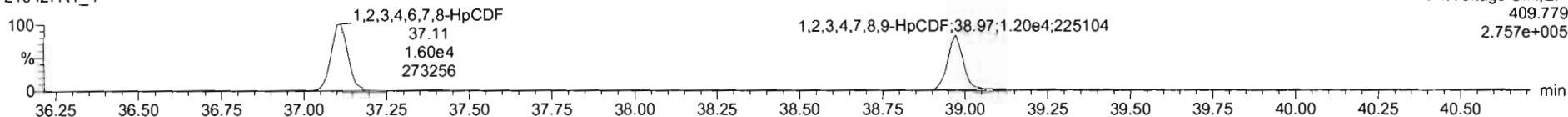
1,2,3,4,6,7,8-HpCDF

210427R1_4



F4:Voltage SIR,EI+
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2.717e+005

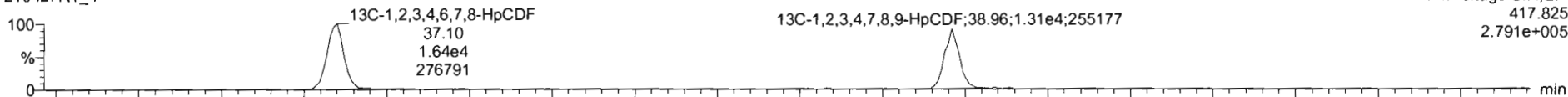
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2.757e+005

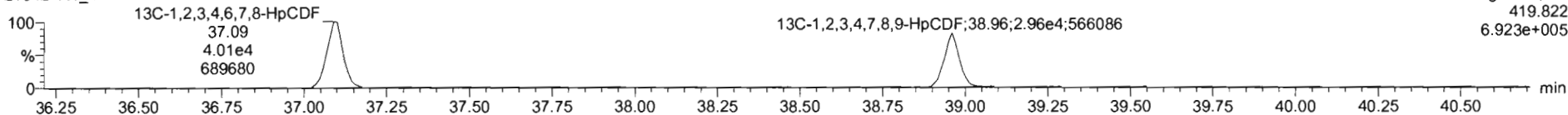
13C-1,2,3,4,6,7,8-HpCDF

210427R1_4



F4:Voltage SIR,EI+
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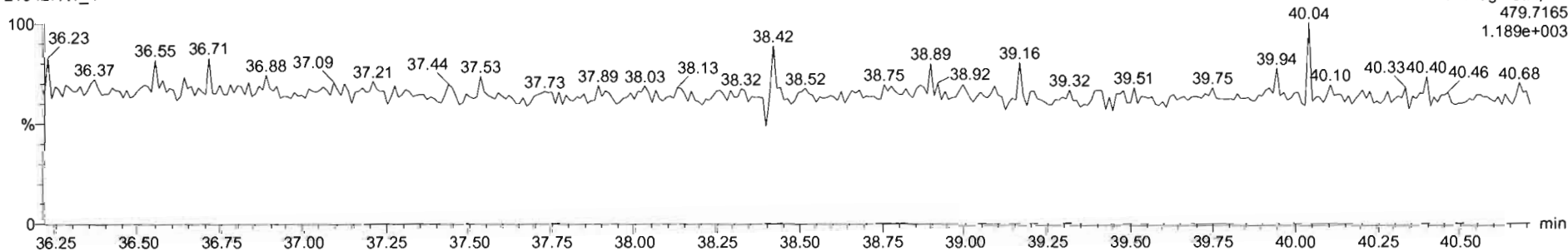
210427R1_4



F4:Voltage SIR,EI+
419.822
6.923e+005

DPE4

210427R1_4



F4:Voltage SIR,EI+
479.7165
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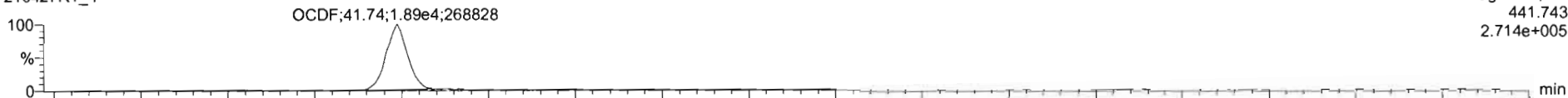
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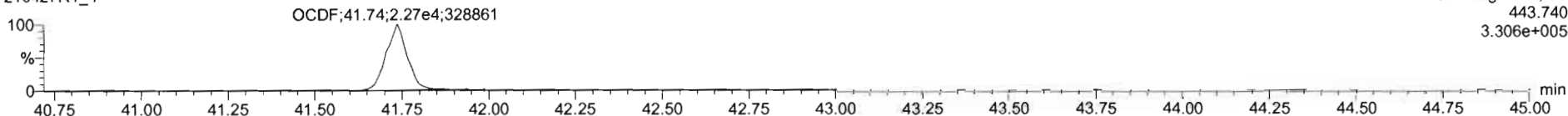
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OCDF

210427R1_4

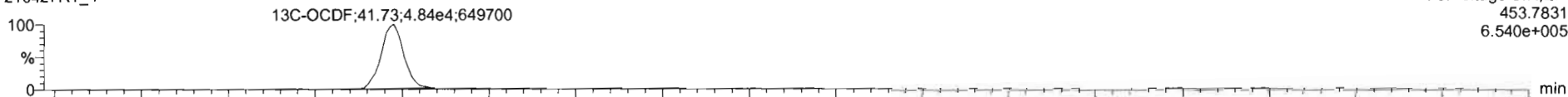


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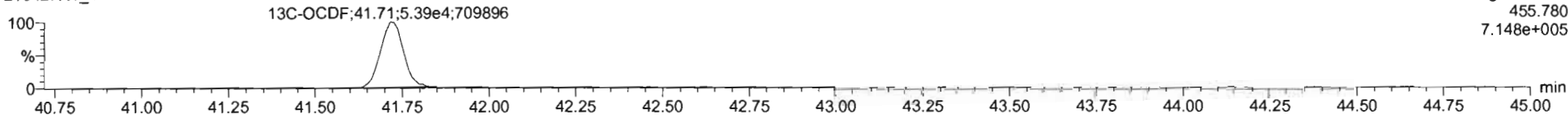


13C-OCDF

210427R1_4

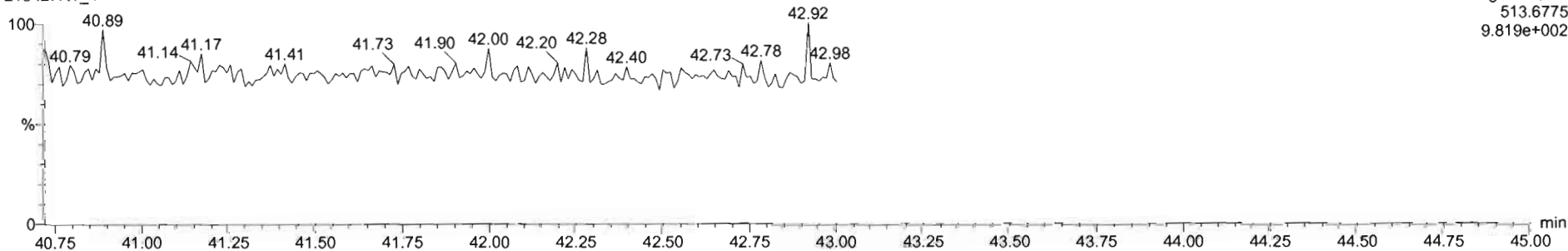


210427R1_4



DPE5

210427R1_4

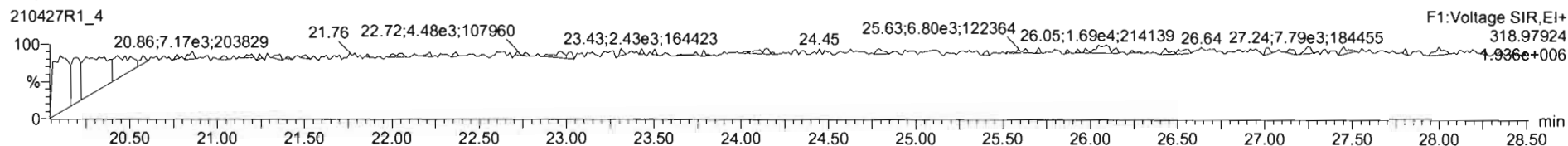


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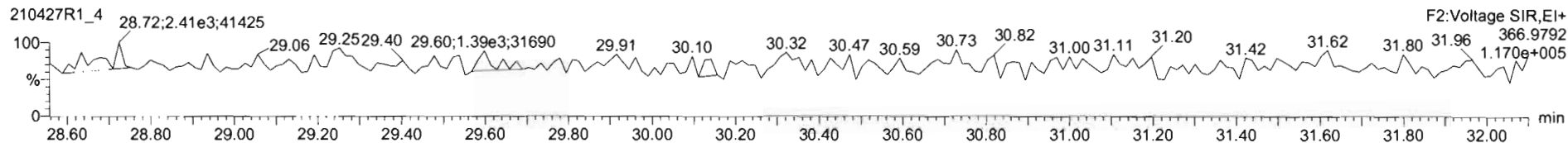
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Printed: Thursday, April 29, 2021 10:46:19 Pacific Daylight Time

Name: 210427R1_4, Date: 27-Apr-2021, Time: 11:22:38, ID: B1D0181-BS1 OPR 10, Description: OPR

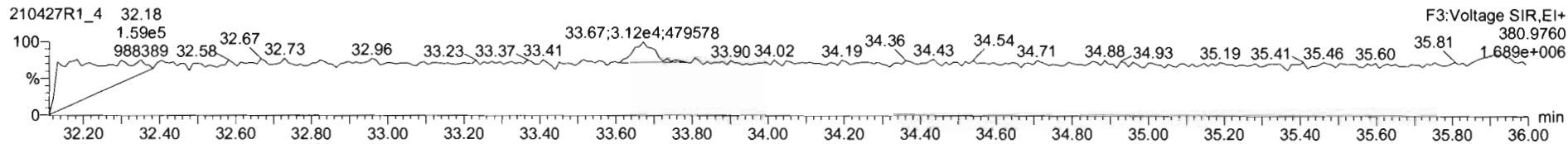
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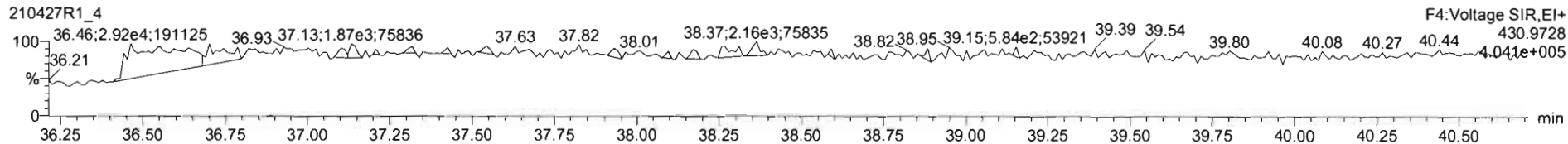
PFK2



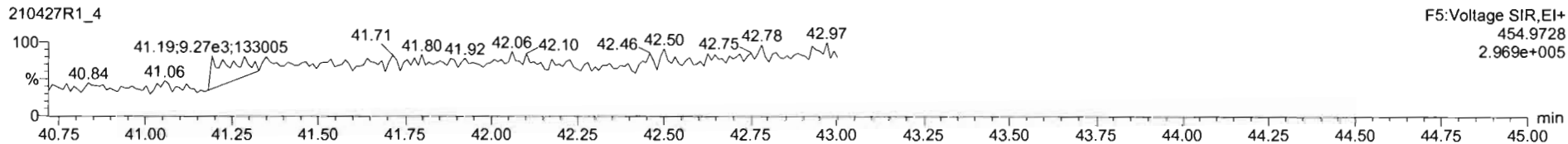
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\210421R2\210421R2_14.qld

Last Altered: Friday, May 07, 2021 13:01:28 Pacific Daylight Time
Printed: Friday, May 07, 2021 13:02:27 Pacific Daylight Time

FIN 05/07/21

C705/17/2021

Method: Untitled 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\ldbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

#	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												0.285	
2	2 1,2,3,7,8-PeCDD			NO	0.826	10.057	31.196		1.001				1.01	
3	3 1,2,3,4,7,8-HxCDD			NO	0.972	10.057	34.529		1.001				1.22	
4	4 1,2,3,6,7,8-HxCDD	4.49e3	1.28	NO	0.877	10.057	34.654	34.64	1.001	1.000	5.4959		1.26	5.50
5	5 1,2,3,7,8,9-HxCDD			NO	0.874	10.057	34.937		1.000				1.23	
6	6 1,2,3,4,6,7,8-HpCDD	1.31e5	1.05	NO	0.899	10.057	38.289	38.30	1.000	1.001	214.16		2.14	214
7	7 OCDD	6.51e5	0.88	NO	0.852	10.057	41.409	41.41	1.000	1.000	1873.8		1.94	1870
8	8 2,3,7,8-TCDF	1.54e4	0.76	NO	0.747	10.057	26.152	26.16	1.000	1.001	10.159		0.283	10.2
9	9 1,2,3,7,8-PeCDF	4.01e4	1.53	NO	0.877	10.057	29.978	29.99	1.000	1.001	27.958		0.416	28.0
10	10 2,3,4,7,8-PeCDF	2.84e4	1.59	NO	0.962	10.057	31.007	31.01	1.001	1.001	22.199		0.471	22.2
11	11 1,2,3,4,7,8-HxCDF	3.38e4	1.24	NO	0.920	10.057	33.576	33.58	1.000	1.000	31.247		0.514	31.2
12	12 1,2,3,6,7,8-HxCDF	1.02e4	1.22	NO	0.936	10.057	33.732	33.72	1.001	1.000	8.3752		0.470	8.38
13	13 2,3,4,6,7,8-HxCDF	4.85e3	1.09	NO	0.973	10.057	34.424	34.42	1.001	1.001	4.8616		0.617	4.86
14	14 1,2,3,7,8,9-HxCDF	1.09e3	1.03	YES	0.940	10.057	35.492	35.50	1.000	1.001	1.2866		0.754	1.16
15	15 1,2,3,4,6,7,8-HpCDF	3.88e4	1.01	NO	1.05	10.057	37.120	37.10	1.000	1.000	57.564		0.671	57.6
16	16 1,2,3,4,7,8,9-HpCDF	1.65e3	1.22	YES	1.05	10.057	38.950	38.95	1.000	1.000	4.3028		0.857	3.96
17	17 OCDF	2.95e4	0.90	NO	0.771	10.057	41.712	41.72	1.000	1.001	81.196		0.830	81.2
18	18 13C-2,3,7,8-TCDD	2.44e5	0.76	NO	1.10	10.057	26.761	26.77	1.027	1.027	171.80	86.4	0.297	
19	19 13C-1,2,3,7,8-PeCDD	2.08e5	0.63	NO	0.864	10.057	31.157	31.17	1.196	1.196	187.14	94.1	0.365	
20	20 13C-1,2,3,4,7,8-HxCDD	1.63e5	1.28	NO	0.746	10.057	34.496	34.51	1.014	1.014	181.65	91.3	0.757	
21	21 13C-1,2,3,6,7,8-HxCDD	1.85e5	1.28	NO	0.847	10.057	34.615	34.63	1.017	1.018	182.24	91.6	0.667	
22	22 13C-1,2,3,7,8,9-HxCDD	1.92e5	1.27	NO	0.868	10.057	34.914	34.93	1.026	1.026	184.64	92.8	0.651	
23	23 13C-1,2,3,4,6,7,8-HpCDD	1.36e5	1.06	NO	0.664	10.057	38.266	38.28	1.125	1.125	170.24	85.6	1.00	
24	24 13C-OCDD	1.62e5	0.88	NO	0.561	10.057	41.216	41.40	1.211	1.217	240.81	60.5	1.10	
25	25 13C-2,3,7,8-TCDF	4.04e5	0.77	NO	1.09	10.057	26.149	26.15	1.003	1.003	212.29	107	0.379	
26	26 13C-1,2,3,7,8-PeCDF	3.25e5	1.62	NO	0.809	10.057	29.883	29.98	1.147	1.150	230.54	116	0.617	
27	27 13C-2,3,4,7,8-PeCDF	2.65e5	1.58	NO	0.803	10.057	30.847	30.99	1.184	1.189	189.19	95.1	0.622	
28	28 13C-1,2,3,4,7,8-HxCDF	2.34e5	0.49	NO	1.01	10.057	33.567	33.57	0.987	0.986	192.81	97.0	0.721	
29	29 13C-1,2,3,6,7,8-HxCDF	2.59e5	0.49	NO	1.07	10.057	33.696	33.71	0.990	0.991	200.84	101	0.680	
30	30 13C-2,3,4,6,7,8-HxCDF	2.04e5	0.50	NO	0.910	10.057	34.387	34.40	1.011	1.011	186.94	94.0	0.802	
31	31 13C-1,2,3,7,8,9-HxCDF	1.82e5	0.49	NO	0.828	10.057	35.465	35.48	1.042	1.043	183.45	92.2	0.881	

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_14.qld

Last Altered: Friday, May 07, 2021 13:01:28 Pacific Daylight Time
Printed: Friday, May 07, 2021 13:02:27 Pacific Daylight Time

Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

	# 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	1.28e5	0.41	NO	0.661	10.057	37.075	37.10	1.090	1.090	161.25	81.1	1.03	
33	33 13C-1,2,3,4,7,8,9-HpCDF	7.31e4	0.40	NO	0.566	10.057	38.837	38.94	1.141	1.144	107.60	54.1	1.20	
34	34 13C-OCDF	1.87e5	0.89	NO	0.663	10.057	41.604	41.70	1.223	1.226	235.31	59.2	0.582	
35	35 37Cl-2,3,7,8-TCDD	2.18e5			2.07	10.057	26.962	26.78	1.035	1.028	82.137	103	0.0682	
36	36 13C-1,2,3,4-TCDD	2.56e5	0.79	NO	1.00	10.057	26.070	26.06	1.000	1.000	198.86	100	0.328	
37	37 13C-1,2,3,4-TCDF	3.46e5	0.81	NO	1.00	10.057	24.760	24.74	1.000	1.000	198.86	100	0.414	
38	38 13C-1,2,3,4,6,9-HxCDF	2.39e5	0.49	NO	1.00	10.057	34.040	34.03	1.000	1.000	198.86	100	0.730	
39	39 Total Tetra-Dioxins				0.929	10.057	24.620		0.000		1.4617		0.285	1.46
40	40 Total Penta-Dioxins				0.826	10.057	29.960		0.000		2.6078		1.01	2.61
41	41 Total Hexa-Dioxins				0.877	10.057	33.635		0.000		68.490		1.27	73.4
42	42 Total Hepta-Dioxins				0.899	10.057	37.640		0.000		505.16		2.14	505
43	43 Total Tetra-Furans				0.747	10.057	23.610		0.000		34.268		0.283	34.3
44	44 1st Func. Penta-Furans				0.877	10.057	27.470		0.000		22.343		0.254	22.3
45	45 Total Penta-Furans				0.877	10.057	29.275		0.000		68.075		0.461	94.0
46	46 Total Hexa-Furans				0.973	10.057	33.555		0.000		93.358		0.557	94.5
47	47 Total Hepta-Furans				1.05	10.057	37.835		0.000		142.79		0.738	147

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_14.qld

Last Altered: Friday, May 07, 2021 13:01:28 Pacific Daylight Time

Printed: Friday, May 07, 2021 13:02:27 Pacific Daylight Time

Method: Untitled 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\ddbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	23.38	1.240e4	1.221e4	7.782e2	8.873e2	0.88	NO	1.666e3	1.4617	1.4617	0.285

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	28.98	1.712e4	2.008e4	9.123e2	1.338e3	0.68	NO	2.250e3	2.6078	2.6078	1.01

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.79	2.652e5	1.938e5	1.218e4	9.738e3	1.25	NO	2.191e4	27.588	27.588	1.27
2	Total Hexa-Dioxins	33.42	2.138e4	2.168e4	1.267e3	8.985e2	1.41	NO	2.166e3	2.7265	2.7265	1.27
3	Total Hexa-Dioxins	33.72	1.688e5	1.313e5	1.455e4	1.141e4	1.28	NO	2.596e4	32.680	32.680	1.27
4	Total Hexa-Dioxins	33.81	3.929e4	3.089e4	2.507e3	1.725e3	1.45	YES	0.000e0	0.00000	4.8638	1.27
5	1,2,3,6,7,8-HxCDD	34.64	3.523e4	2.929e4	2.517e3	1.972e3	1.28	NO	4.490e3	5.4959	5.4959	1.26

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.42	1.685e6	1.662e6	9.008e4	8.839e4	1.02	NO	1.785e5	291.01	291.01	2.14
2	1,2,3,4,6,7,8-HpCDD	38.30	1.283e6	1.255e6	6.729e4	6.405e4	1.05	NO	1.313e5	214.16	214.16	2.14

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_14.qld

Last Altered: Friday, May 07, 2021 13:01:28 Pacific Daylight Time
 Printed: Friday, May 07, 2021 13:02:27 Pacific Daylight Time

Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	21.91	7.107e3	6.455e3	4.101e2	5.339e2	0.77	NO	9.440e2	0.62231	0.62231	0.283
2	Total Tetra-Furans	22.65	3.050e4	3.563e4	2.306e3	3.051e3	0.76	NO	5.357e3	3.5317	3.5317	0.283
3	Total Tetra-Furans	23.44	2.788e4	3.299e4	2.095e3	2.730e3	0.77	NO	4.825e3	3.1809	3.1809	0.283
4	Total Tetra-Furans	23.84	2.351e4	3.182e4	1.667e3	2.244e3	0.74	NO	3.911e3	2.5779	2.5779	0.283
5	Total Tetra-Furans	24.86	2.068e4	2.569e4	1.643e3	2.087e3	0.79	NO	3.730e3	2.4590	2.4590	0.283
6	Total Tetra-Furans	25.25	8.983e4	1.200e5	5.854e3	7.769e3	0.75	NO	1.362e4	8.9805	8.9805	0.283
7	Total Tetra-Furans	26.05	8.436e3	1.054e4	4.991e2	5.946e2	0.84	NO	1.094e3	0.72100	0.72100	0.283
8	2,3,7,8-TCDF	26.16	1.135e5	1.425e5	6.638e3	8.773e3	0.76	NO	1.541e4	10.159	10.159	0.283
9	Total Tetra-Furans	26.44	4.041e3	5.726e3	3.028e2	4.176e2	0.73	NO	7.204e2	0.47488	0.47488	0.283
10	Total Tetra-Furans	27.51	1.072e4	1.497e4	6.684e2	8.217e2	0.81	NO	1.490e3	0.98227	0.98227	0.283
11	Total Tetra-Furans	27.92	6.397e3	8.614e3	3.780e2	4.983e2	0.76	NO	8.763e2	0.57770	0.57770	0.283

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	27.51	3.188e5	2.014e5	1.789e4	1.115e4	1.60	NO	2.905e4	22.343	22.343	0.254

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	28.87	1.136e4	7.372e3	7.168e2	4.904e2	1.46	NO	1.207e3	0.92868	0.92868	0.461
2	Total Penta-Furans	29.01	7.016e4	4.861e4	2.217e3	1.318e3	1.68	NO	0.000e0	0.00000	2.7193	0.461
3	Total Penta-Furans	29.04	3.097e5	1.974e5	1.603e4	1.030e4	1.56	NO	0.000e0	0.00000	20.248	0.461
4	Total Penta-Furans	29.63	4.053e4	2.514e4	2.739e3	1.532e3	1.79	YES	0.000e0	0.00000	3.0050	0.461
5	Total Penta-Furans	29.79	7.710e4	5.527e4	3.475e3	2.535e3	1.37	NO	6.010e3	4.6232	4.6232	0.461
6	1,2,3,7,8-PeCDF	29.99	4.852e5	3.200e5	2.425e4	1.582e4	1.53	NO	4.007e4	27.958	27.958	0.416
7	Total Penta-Furans	30.23	1.700e5	9.952e4	8.904e3	6.184e3	1.44	NO	1.509e4	11.606	11.606	0.461
8	2,3,4,7,8-PeCDF	31.01	3.207e5	2.057e5	1.746e4	1.095e4	1.59	NO	2.841e4	22.199	22.199	0.471
9	Total Penta-Furans	31.89	1.174e4	8.217e3	6.248e2	3.641e2	1.72	NO	9.888e2	0.76066	0.76066	0.461

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_14.qld

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Printed: Friday, May 07, 2021 13:02:27 Pacific Daylight Time

Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.27	5.794e4	5.299e4	2.895e3	2.512e3	1.15	NO	5.407e3	5.0304	5.0304	0.557
2	Total Hexa-Furans	32.44	2.278e5	1.770e5	1.054e4	8.501e3	1.24	NO	1.904e4	17.715	17.715	0.557
3	Total Hexa-Furans	33.08	2.695e5	2.072e5	1.321e4	1.047e4	1.26	NO	2.368e4	22.029	22.029	0.557
4	Total Hexa-Furans	33.45	1.008e4	5.714e3	4.662e2	3.301e2	1.41	NO	7.963e2	0.74083	0.74083	0.557
5	1,2,3,4,7,8-HxCDF	33.58	3.626e5	2.927e5	1.872e4	1.512e4	1.24	NO	3.383e4	31.247	31.247	0.514
6	1,2,3,6,7,8-HxCDF	33.72	1.020e5	8.039e4	5.613e3	4.589e3	1.22	NO	1.020e4	8.3752	8.3752	0.470
7	2,3,4,6,7,8-HxCDF	34.42	3.467e4	3.417e4	2.526e3	2.326e3	1.09	NO	4.852e3	4.8616	4.8616	0.617
8	1,2,3,7,8,9-HxCDF	35.50	2.820e4	2.556e4	5.548e2	5.385e2	1.03	YES	1.093e3	0.00000	1.1630	0.754
9	Total Hexa-Furans	35.51	3.743e4	3.571e4	1.884e3	1.727e3	1.09	NO	3.611e3	3.3592	3.3592	0.557

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	37.10	3.310e5	3.256e5	1.948e4	1.933e4	1.01	NO	3.881e4	57.564	57.564	0.671
2	Total Hepta-Furans	37.72	4.380e5	4.350e5	2.258e4	2.256e4	1.00	NO	4.513e4	85.221	85.221	0.738
3	1,2,3,4,7,8,9-HpCDF	38.95	2.212e4	1.614e4	9.071e2	7.456e2	1.22	YES	1.653e3	0.00000	3.9598	0.857

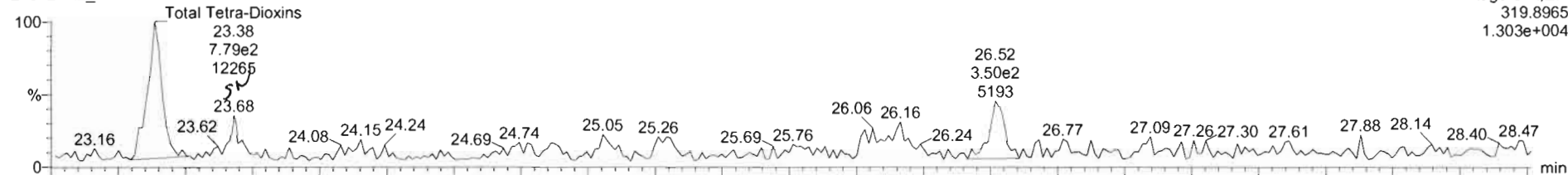
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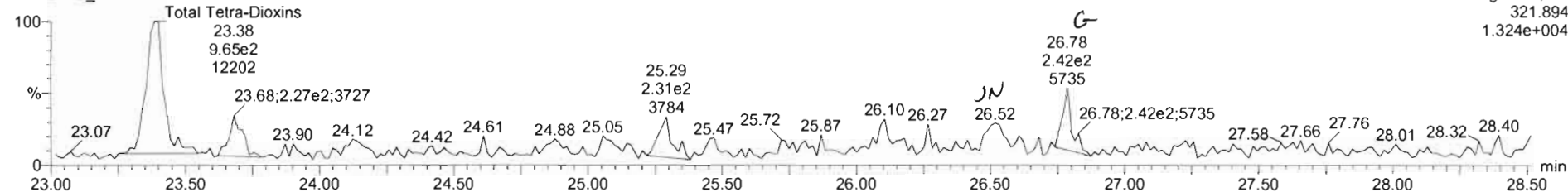
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2,3,7,8-TCDD

210421R2_14

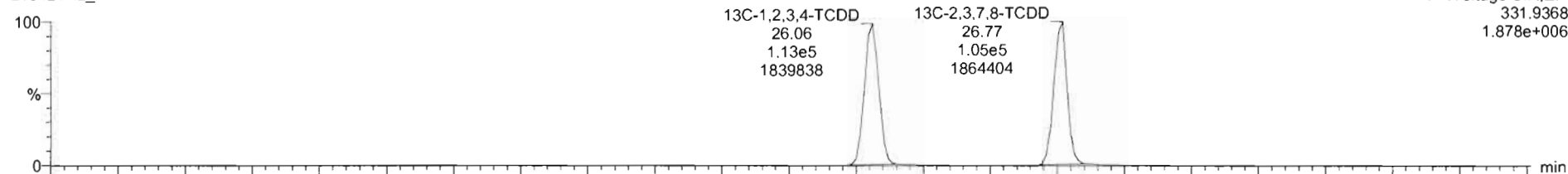


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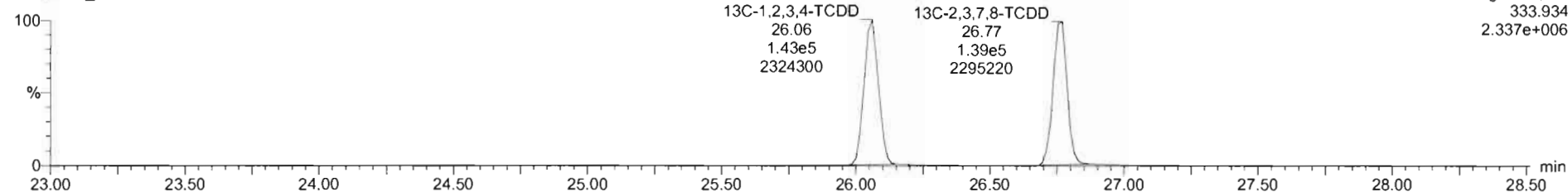


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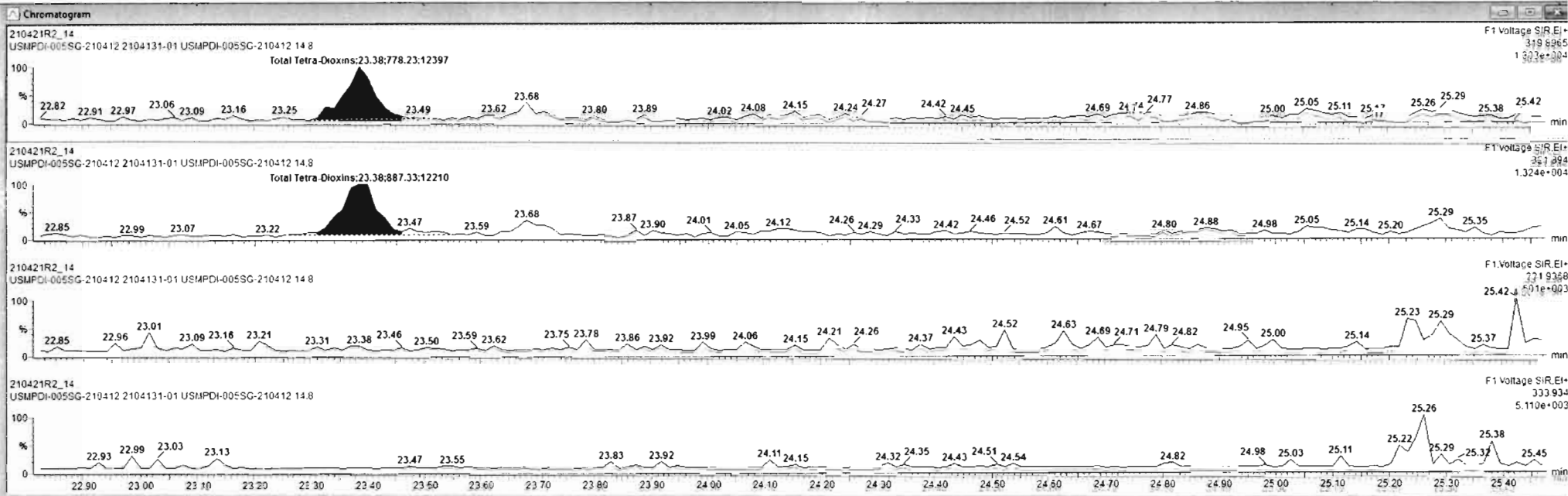


210421R2_14



Name	Resp	RA	nly	RRF	wt/wt	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.057			1.46		0.285	1.46
40 Total Penta-Dioxins				0.8257	10.057			4.26		1.01	14.6
41 Total Hexa-Dioxins				0.8771	10.057			68.4		1.27	73.1
42 Total Hepta-Dioxins				0.8687	10.057			516		2.14	524
43 Total Tetra-Furans				0.7466	10.057			33.5		0.267	34.2
44 1st Func. Penta-Furans				0.8771	10.057					0.155	
45 Total Penta-Furans				0.8771	10.057			69.7		0.661	53.4
46 Total Hexa-Furans				0.9726	10.057			94.9		0.557	103
47 Total Hepta-Furans				1.0451	10.057			143		0.738	146
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc.
1 Total Tetra-Dioxins	23.36	7.782e2	8.873e2	0.66	ND	1.4617	1.4617

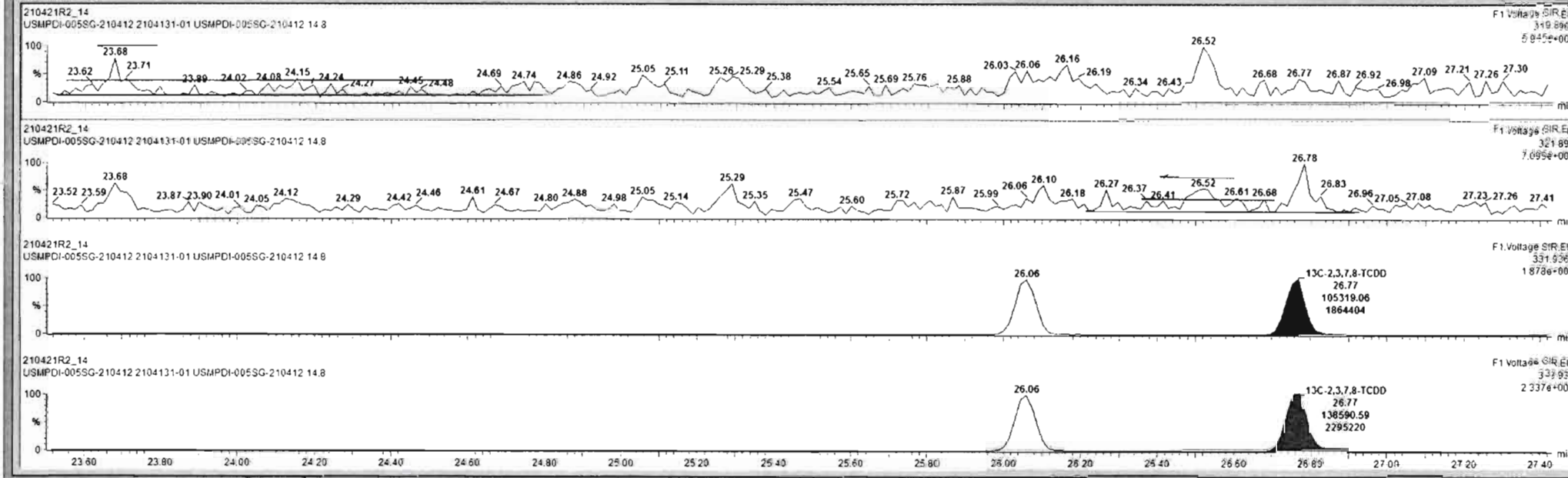


Ready

Name	Resp	RA	n/y	RRF	w/w/vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.057			1.46	0.285	1.46	
40 Total Penta-Dioxins				0.8257	10.057			4.28	1.01	14.6	
41 Total Hexa-Dioxins				0.8771	10.057			66.4	1.27	73.1	
42 Total Hepta-Dioxins				0.8957	10.057			516	2.14	524	
43 Total Tetra-Furans				0.7466	10.057			33.5	3.263	34.3	
44 1st Func. Penta-Furans				0.8771	10.057				0.125		
45 Total Penta-Furans				0.8771	10.057			89.7	0.461	93.4	
46 Total Hexa-Furans				0.9723	10.057			94.9	0.597	103	
47 Total Hepta-Furans				1.0491	10.057			143	0.738	146	
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Dioxins	23.36	7.782e2	8.873e2	0.88	NO	1.4617	1.4617

Chromatogram



Ready

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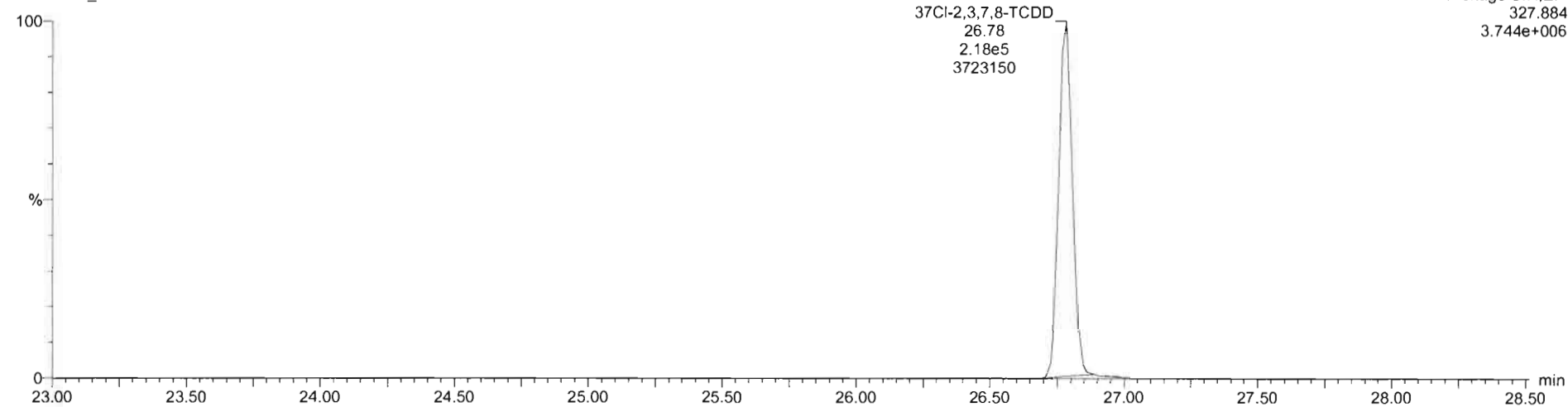
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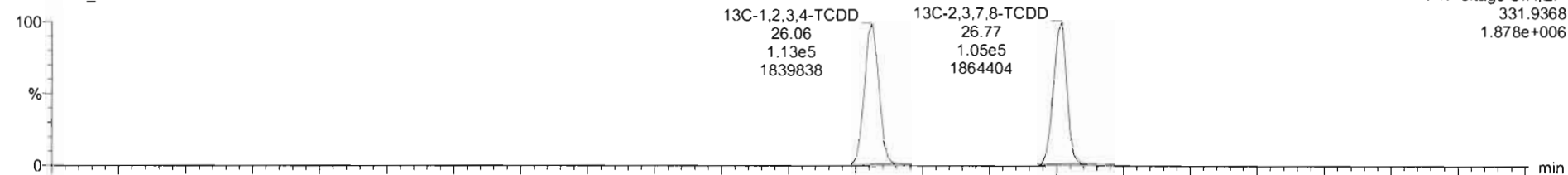
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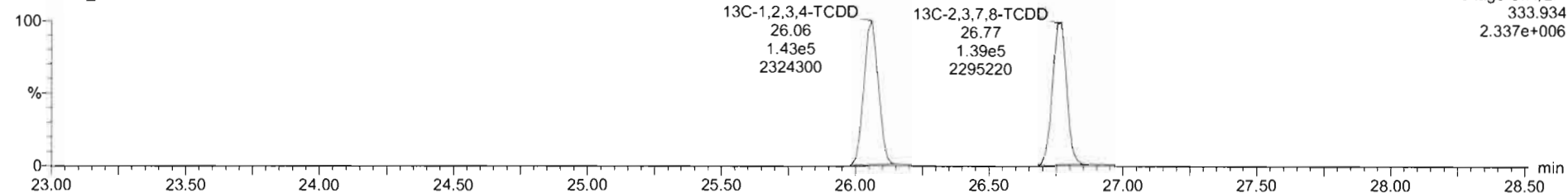


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210421R2_14



210421R2_14



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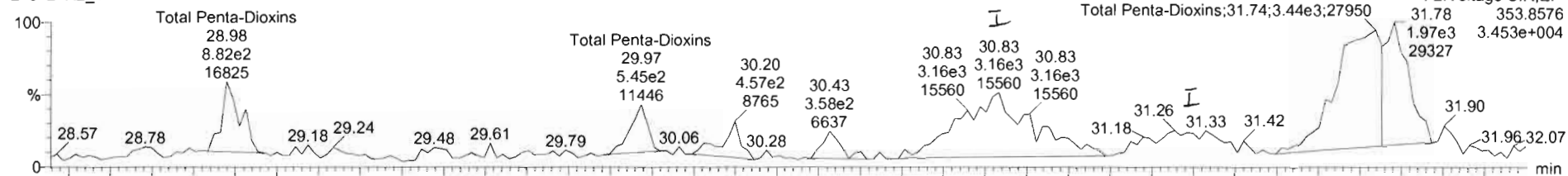
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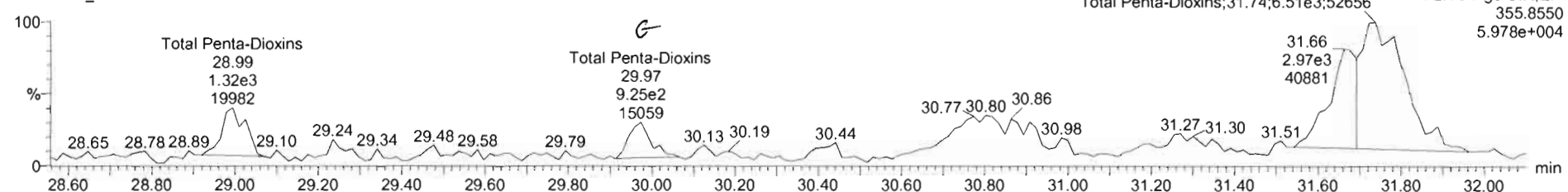
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1,2,3,7,8-PeCDD

210421R2_14

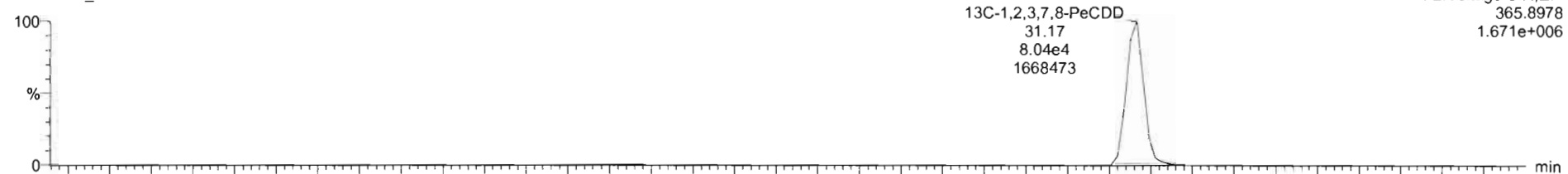


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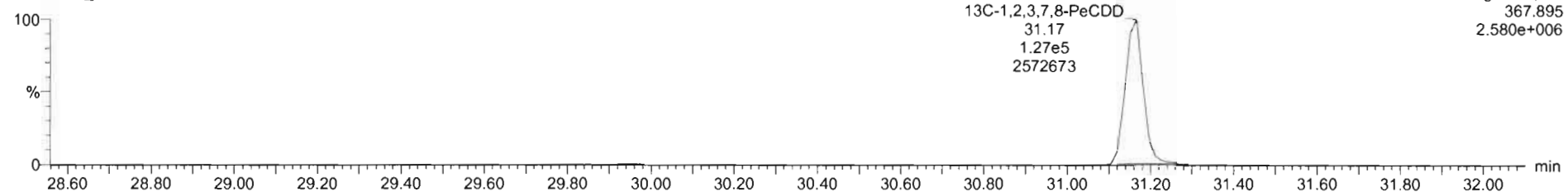


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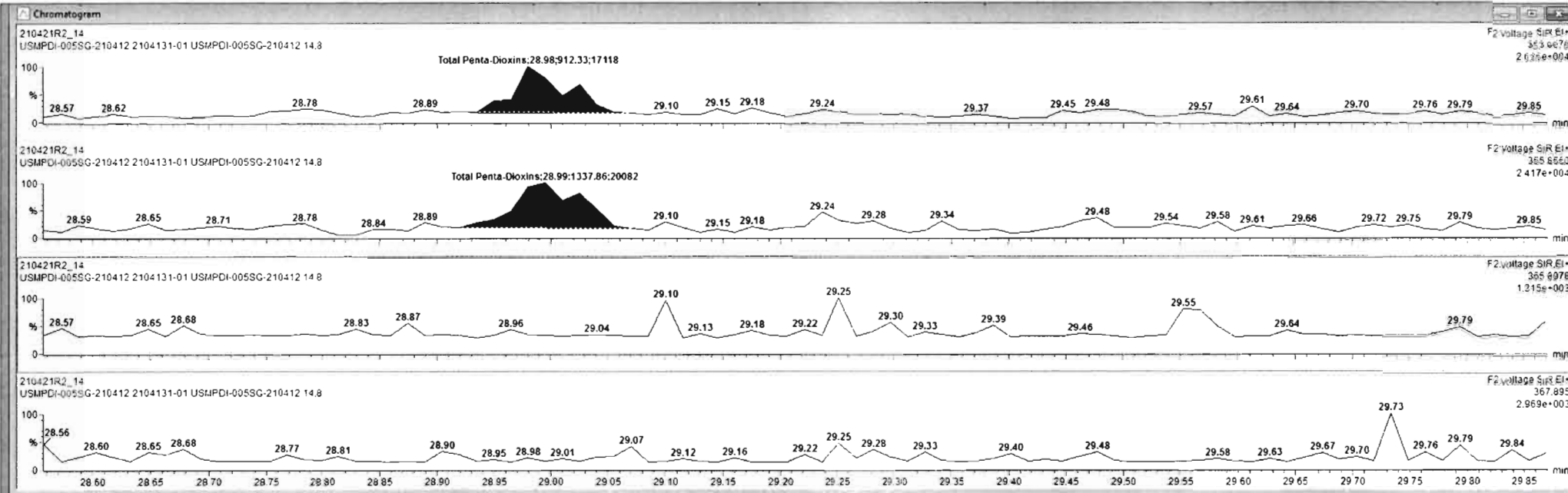


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Name	Resp	RA	nly	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.5201	10.057			1.46	0.285	1.46	
40 Total Penta-Dioxins				0.6257	10.057			2.61	1.01	2.61	
41 Total Hexa-Dioxins				0.8771	10.057			65.4	1.27	73.1	
42 Total Hepta-Dioxins				0.8987	10.057			516	2.14	524	
43 Total Tetra-Furans				0.7468	10.057			33.5	0.263	34.3	
44 1st Func. Penta-Furans				0.8771	10.057				0.129		
45 Total Penta-Furans				0.8771	10.057			69.7	0.461	53.4	
46 Total Hexa-Furans				0.9725	10.057			94.9	0.557	103	
47 Total Hepta-Furans				1.0481	10.057			143	0.738	146	
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Penta-Dioxins	28.98	9.123e2	1.336e3	0.66	NO	2.6076	2.6076



Ready

210421R2_14

CAR NUM

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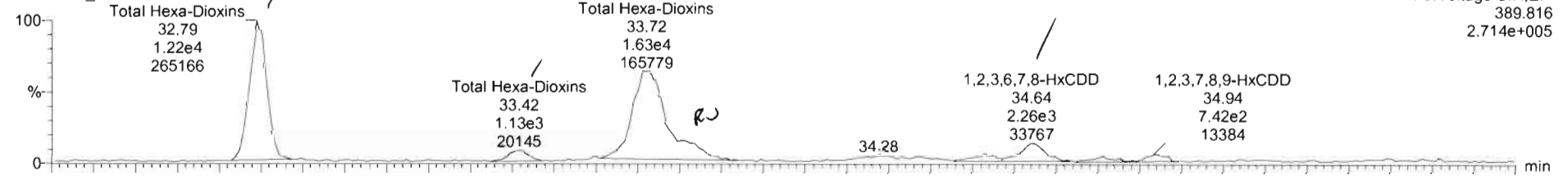
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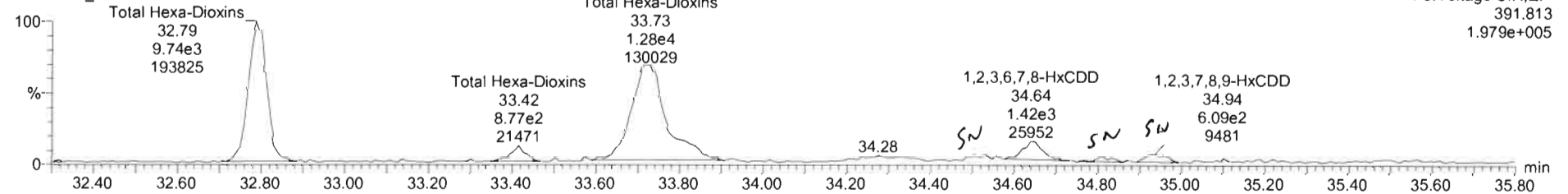
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1,2,3,4,7,8-HxCDD

210421R2_14

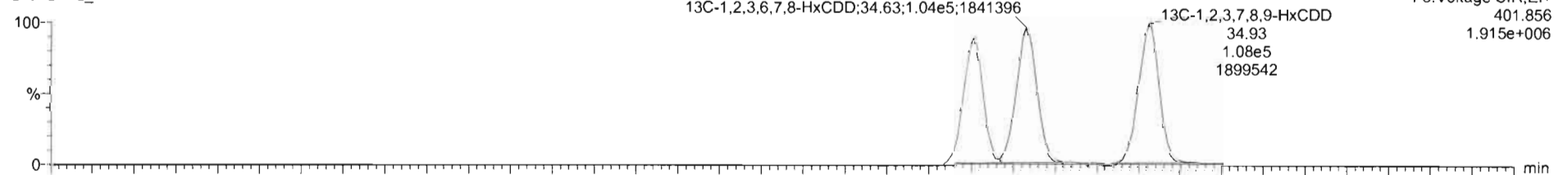


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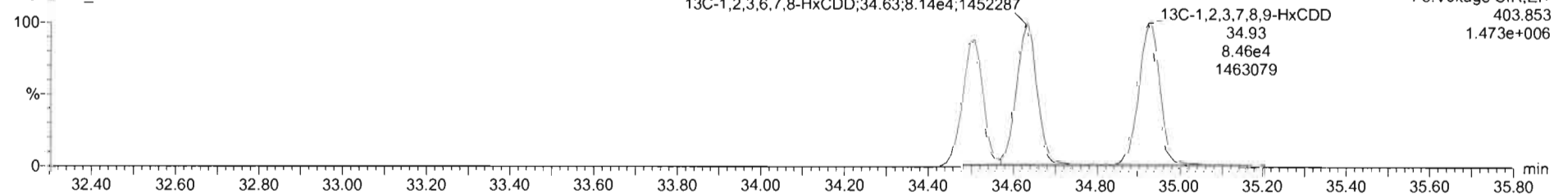


13C-1,2,3,4,7,8-HxCDD

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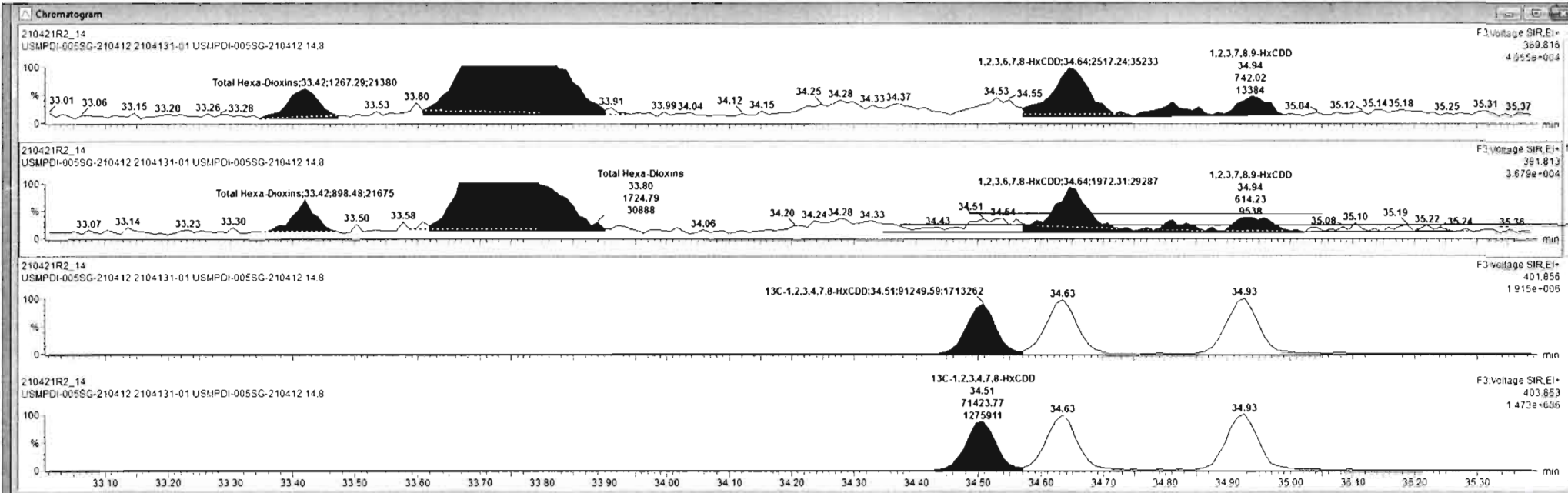
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210421R2_14 - 2104131-01 USMPDI-005SG-210412 14.8 - USMPDI-005SG-210412

Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.057			1.46		0.285	1.46
40 Total Penta-Dioxins				0.8257	10.057			2.61		1.01	2.61
41 Total Hexa-Dioxins				0.8771	10.057			70.1		1.27	76.1
42 Total Hepta-Dioxins				0.8987	10.057			505		2.14	505
43 Total Tetra-Furans				0.7466	10.057			33.5		0.263	34.3
44 1st Func. Penta-Furans				0.8771	10.057					0.129	
45 Total Penta-Furans				0.8771	10.057			89.7		0.461	92.4
46 Total Hexa-Furans				0.9728	10.057			94.9		0.557	103
47 Total Hepta-Furans				1.0481	10.057			143		0.738	146
48 PPK1											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Hexa-Dioxins	32.79	1.218e4	9.738e3	1.25	NO	27.588	27.588
2 Total Hexa-Dioxins	33.42	1.267e3	8.985e2	1.41	NO	2.7265	2.7265
3 Total Hexa-Dioxins	33.72	1.455e4	1.141e4	1.28	NO	32.680	32.680
4 Total Hexa-Dioxins	33.81	2.507e3	1.725e3	1.45	YES	4.8638	0.00000
5 1,2,3,6,7,8-HxCDD	34.64	2.517e3	1.972e3	1.28	NO	5.4959	5.4959
6 Total Hexa-Dioxins	34.81	6.879e3	3.079e3	1.27	YES	1.1168	0.00000



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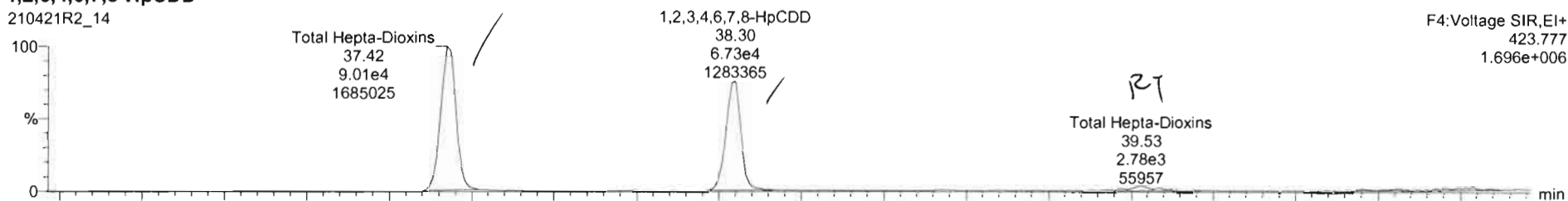
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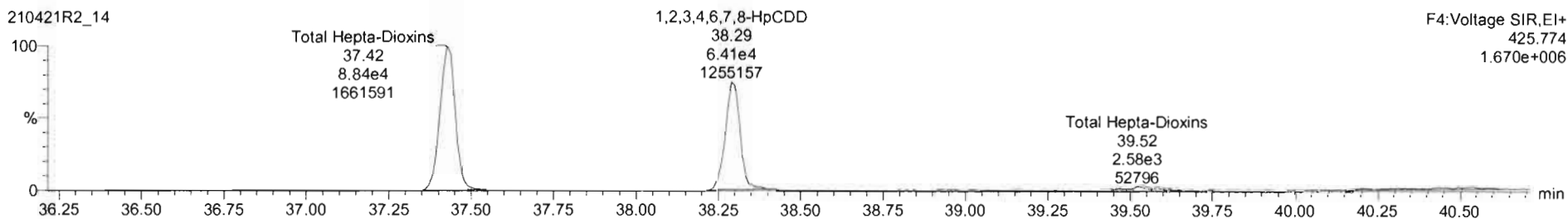
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1,2,3,4,6,7,8-HpCDD

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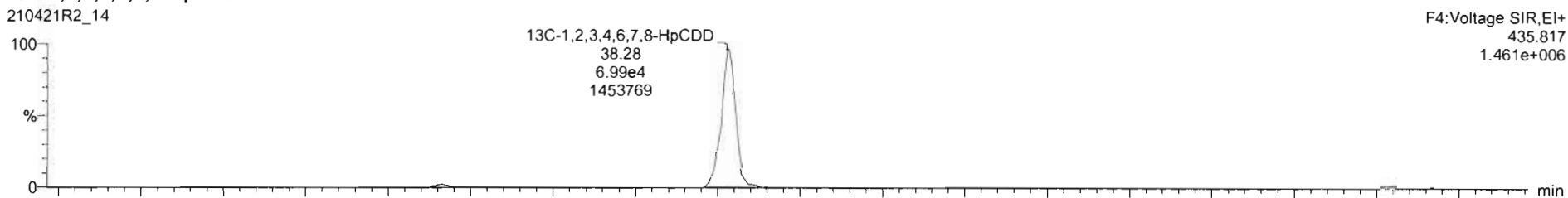


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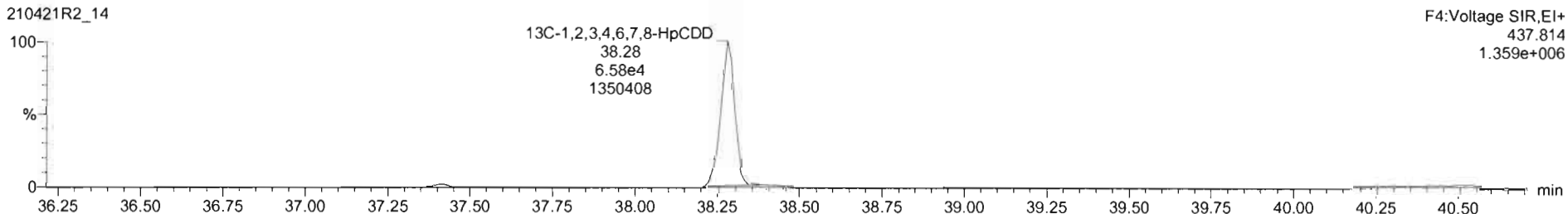


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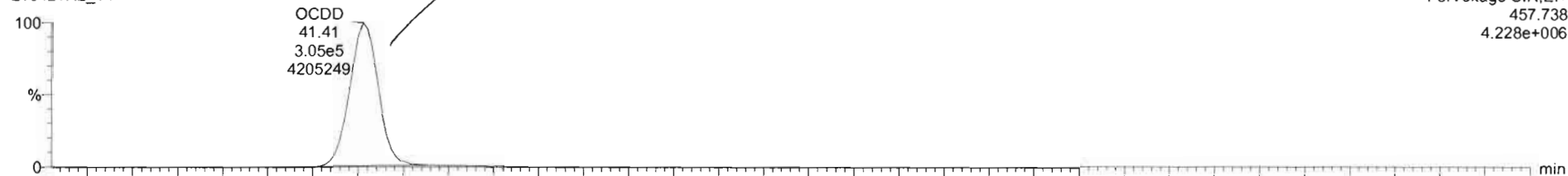
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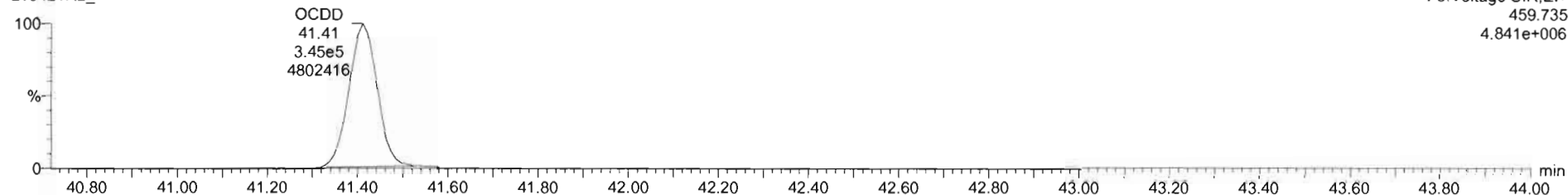
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OCDD

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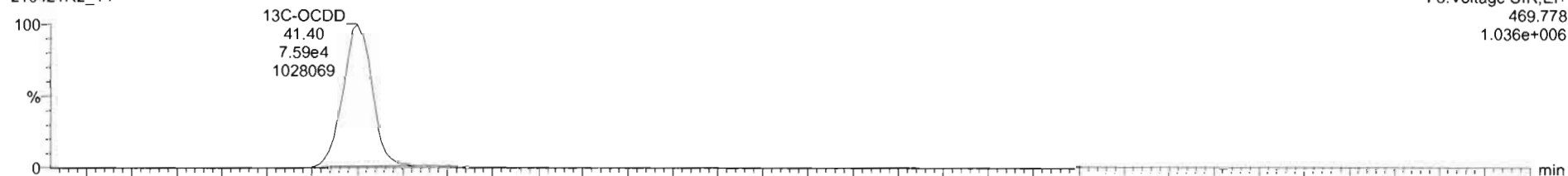


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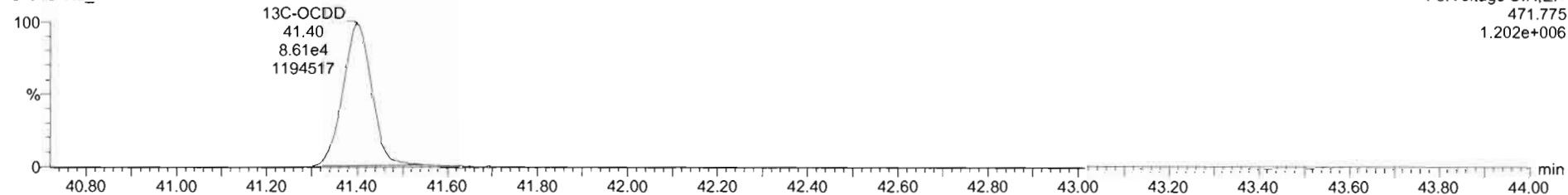


13C-OCDD

210421R2_14



210421R2_14



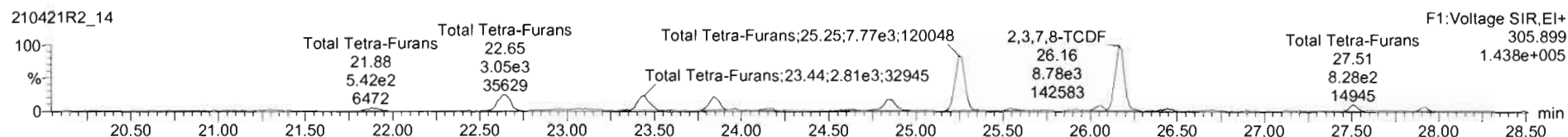
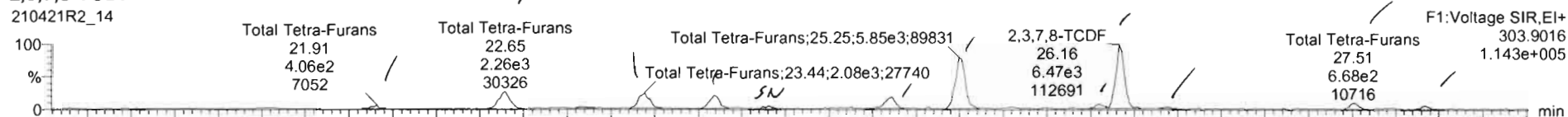
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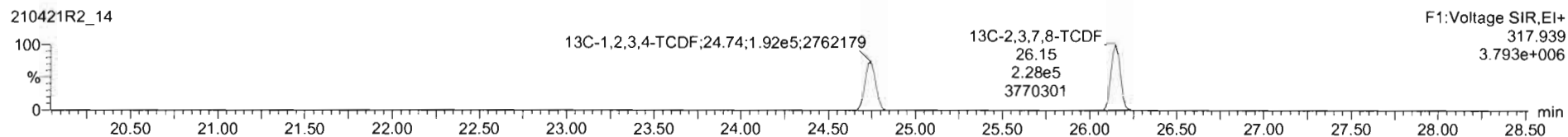
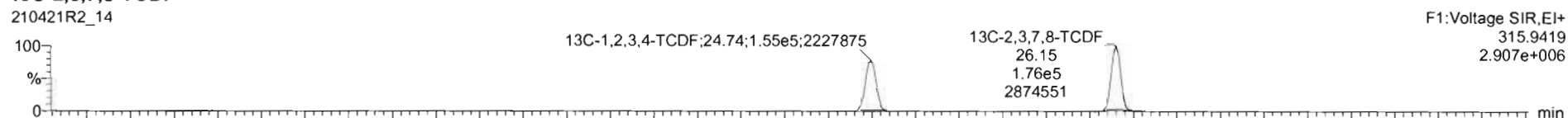
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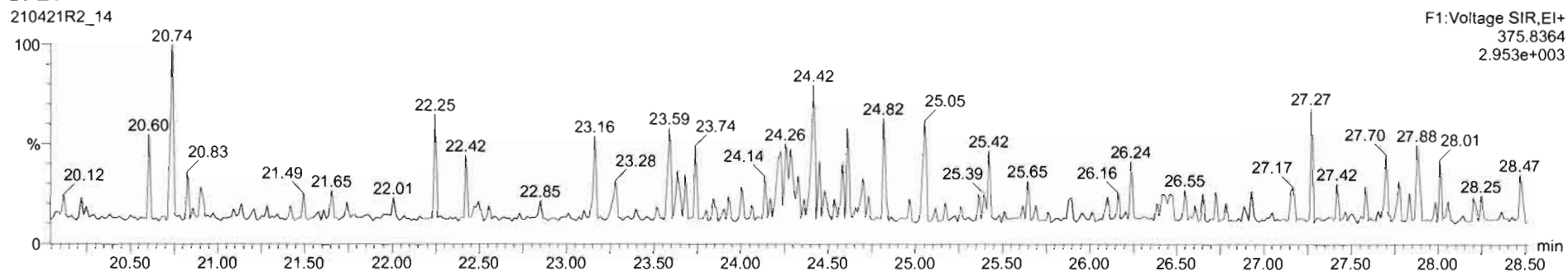
2,3,7,8-TCDF



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

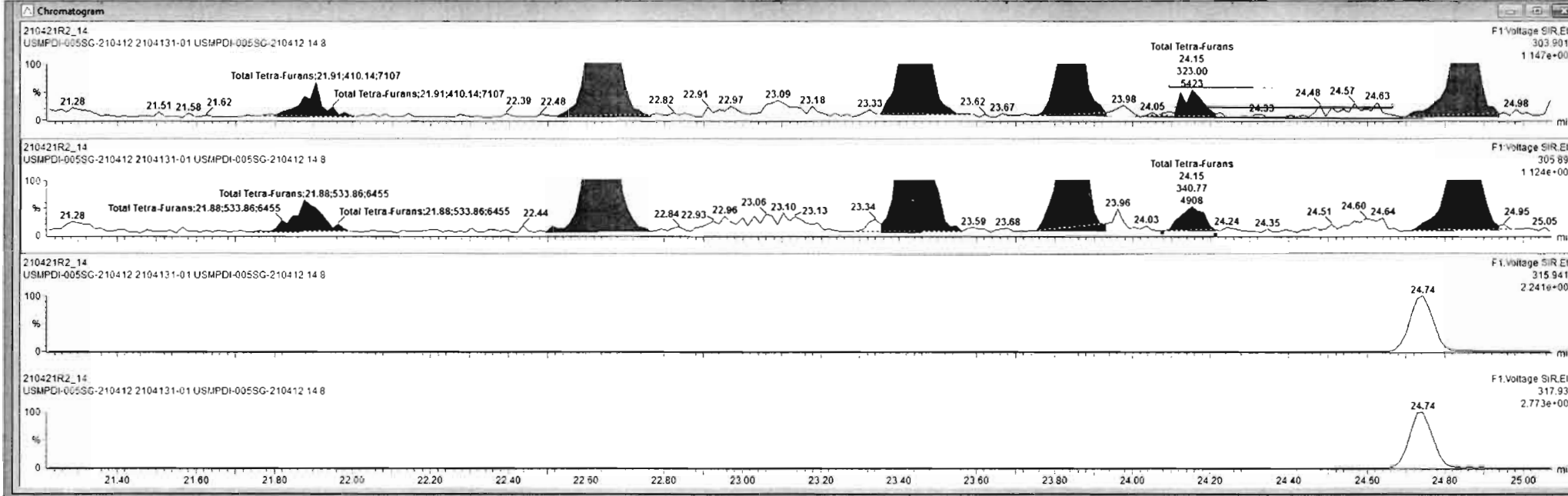


DPE1



Name	Resp	RA	n/y	RRF	w/w(e)	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7466	10.057			33.7		0.283	34.4
44 1st Func. Penta-Furans				0.8771	10.057					0.129	
45 Total Penta-Furans				0.8771	10.057			89.7		0.461	93.4
46 Total Hexa-Furans				0.9725	10.057			94.9		0.557	103
47 Total Hepta-Furans				1.0481	10.057			143		0.738	146
48 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											

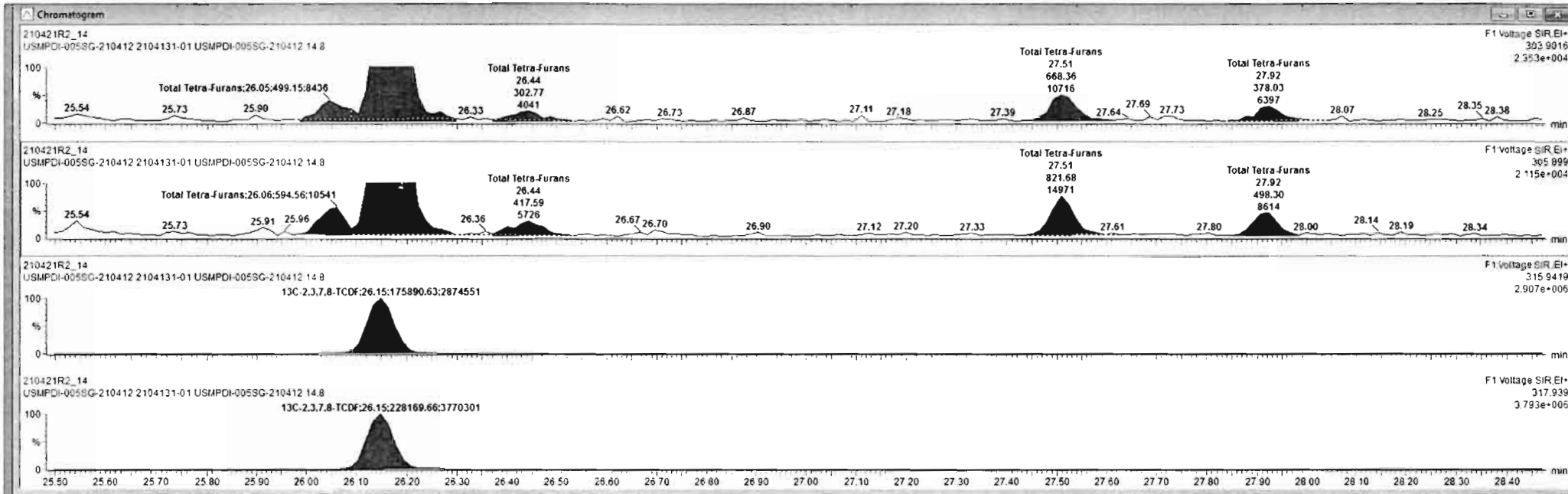
Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Furans	21.91	4.101e2	5.339e2	0.77	NO	0.62231	0.62231
2 Total Tetra-Furans	22.65	2.306e3	3.051e3	0.76	NO	3.5317	3.5317
3 Total Tetra-Furans	23.44	2.095e3	2.730e3	0.77	NO	3.1809	3.1809
4 Total Tetra-Furans	23.84	1.667e3	2.244e3	0.74	NO	2.5779	2.5779
5 Total Tetra-Furans	24.15	3.230e2	3.408e2	0.95	YES	0.39762	0.00000
6 Total Tetra-Furans	24.88	4.647e2	3.687e2	0.79	NO	3.4604	3.4604



210421R2_14 - 2104131-01 USMPDI-005SG-210412 14 8 - USMPDI-005SG-210412

Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7466	10.057			34.3		0.283	34.7
44 1st Func. Penta-Furans				0.8771	10.057					0.129	
45 Total Penta-Furans				0.8771	10.057			89.7		0.461	93.4
46 Total Hexa-Furans				0.9725	10.057			94.9		0.557	103
47 Total Hepta-Furans				1.0481	10.057			143		0.738	148
48 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											

Name	RT	mt Resp	mZ Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Furans	21.91	4.101e2	5.329e2	0.77	NO	0.62231	0.62231
2 Total Tetra-Furans	22.65	2.306e3	3.051e3	0.76	NO	3.5317	3.5317
3 Total Tetra-Furans	23.44	2.095e3	2.730e3	0.77	NO	3.1809	3.1809
4 Total Tetra-Furans	23.84	1.667e3	2.244e3	0.74	NO	2.5779	2.5779
5 Total Tetra-Furans	24.15	3.230e2	3.408e2	0.95	YES	0.39782	0.00000
6 Total Tetra-Furans	24.86	3.643e3	3.087e3	0.76	NO	3.4609	3.4609



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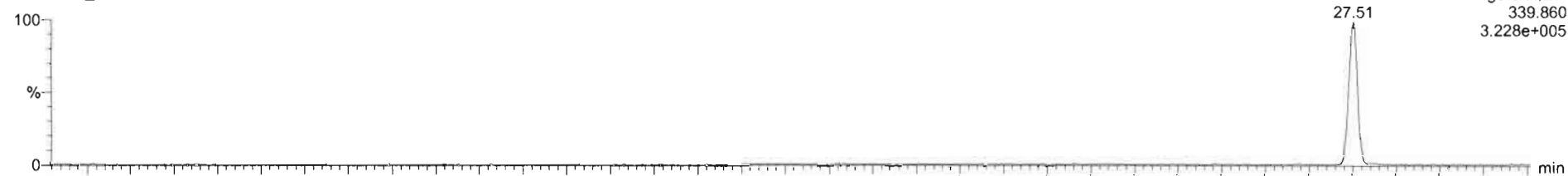
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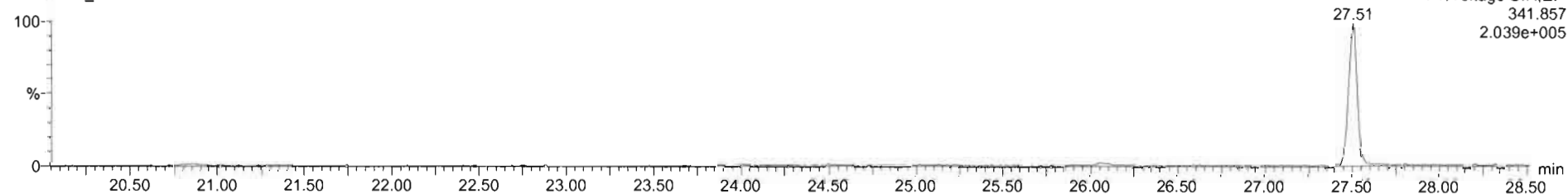
Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412

1st Func. Penta-Furans

210421R2_14

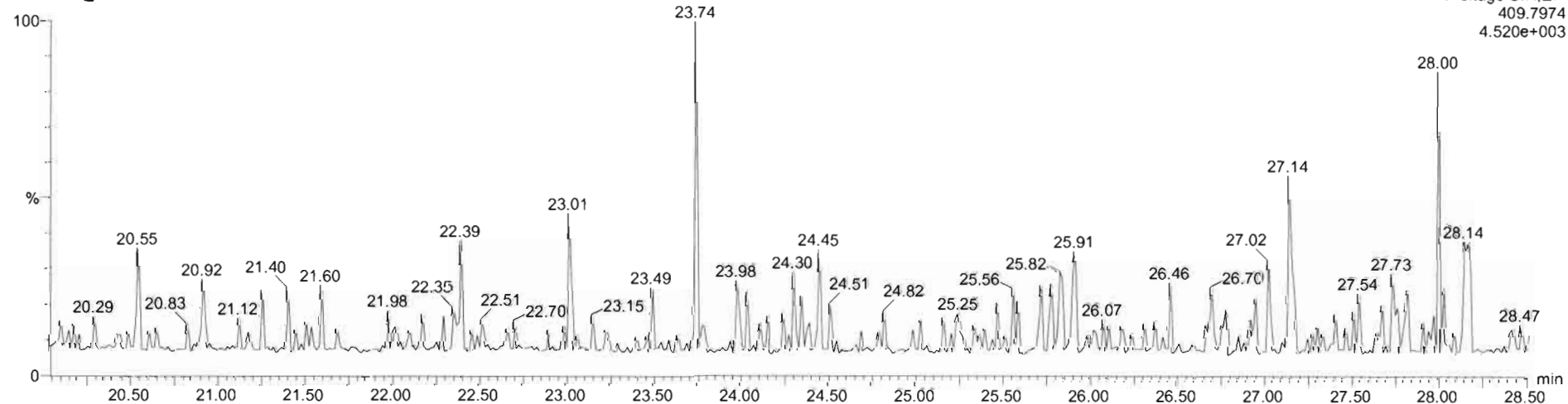


210421R2_14



DPE6

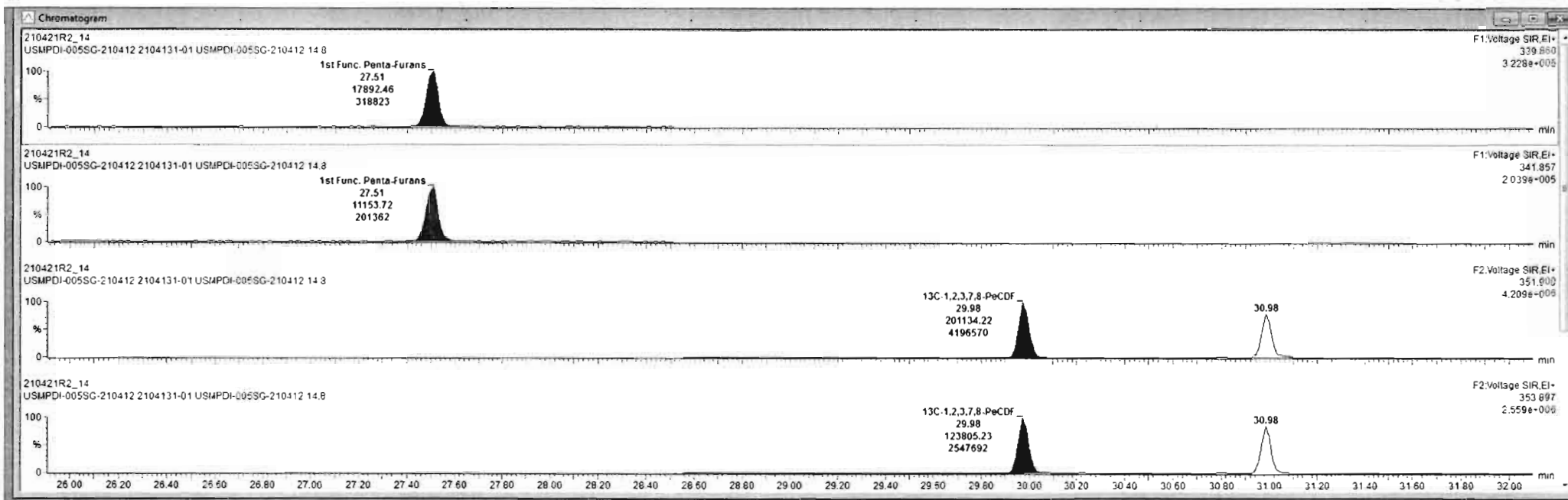
210421R2_14



210421R2_14 - 2104131-01 USMPDI-005SG-210412 14.8 - USMPDI-005SG-210412

#	Name	Resp	RA	nly	RRF	wt/wgt	RT	RRT	Conc.	%Rec	DL	EMPC
44	1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45	Total Penta-Furans				0.9771	10.057			89.7		0.461	93.4
46	Total Hexa-Furans				0.9725	10.057			94.9		0.557	103
47	Total Hepta-Furans				1.0451	10.057			143		0.738	146
48	PFK1											
49	PFK2											
50	PFK3											
51	PFK4											
52	PFK5											
53	DPE1											

#	Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc.
1	1st Func. Penta-Furans	27.51	1.738e4	1.115e4	1.60	NO	22.343	22.343



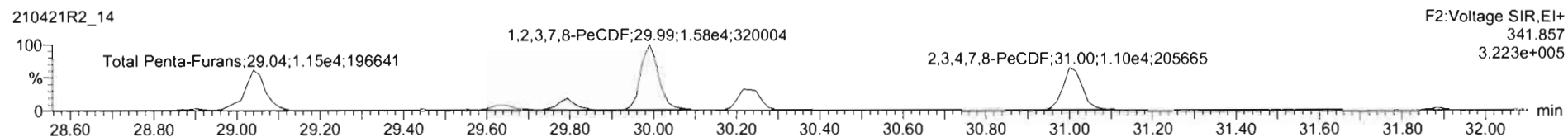
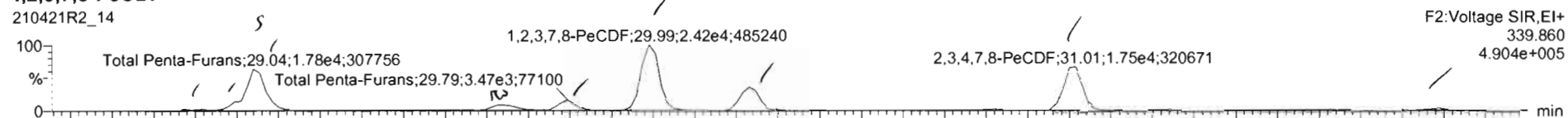
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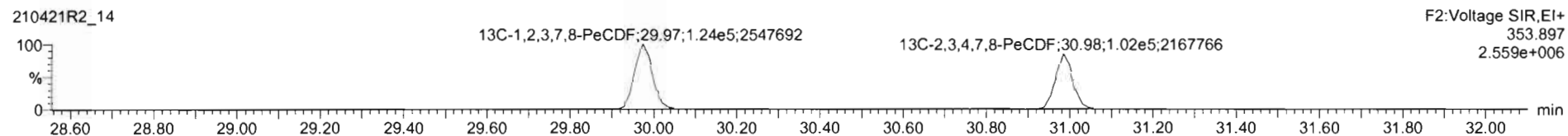
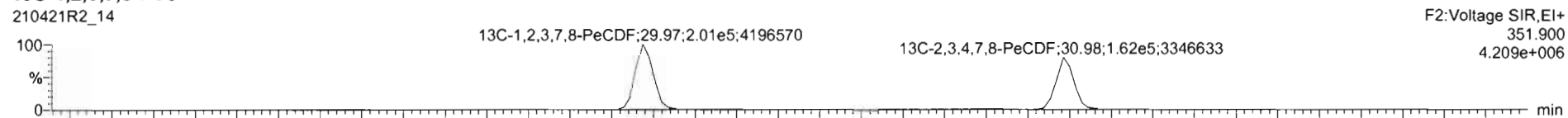
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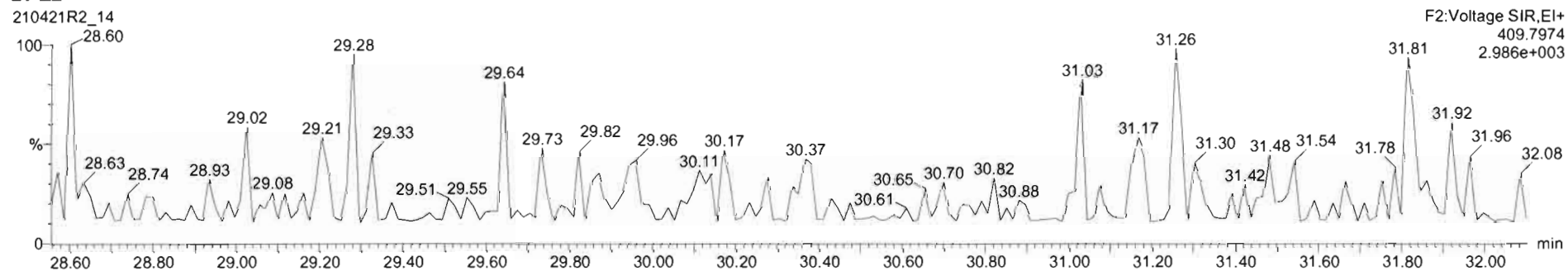
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13C-1,2,3,7,8-PeCDF

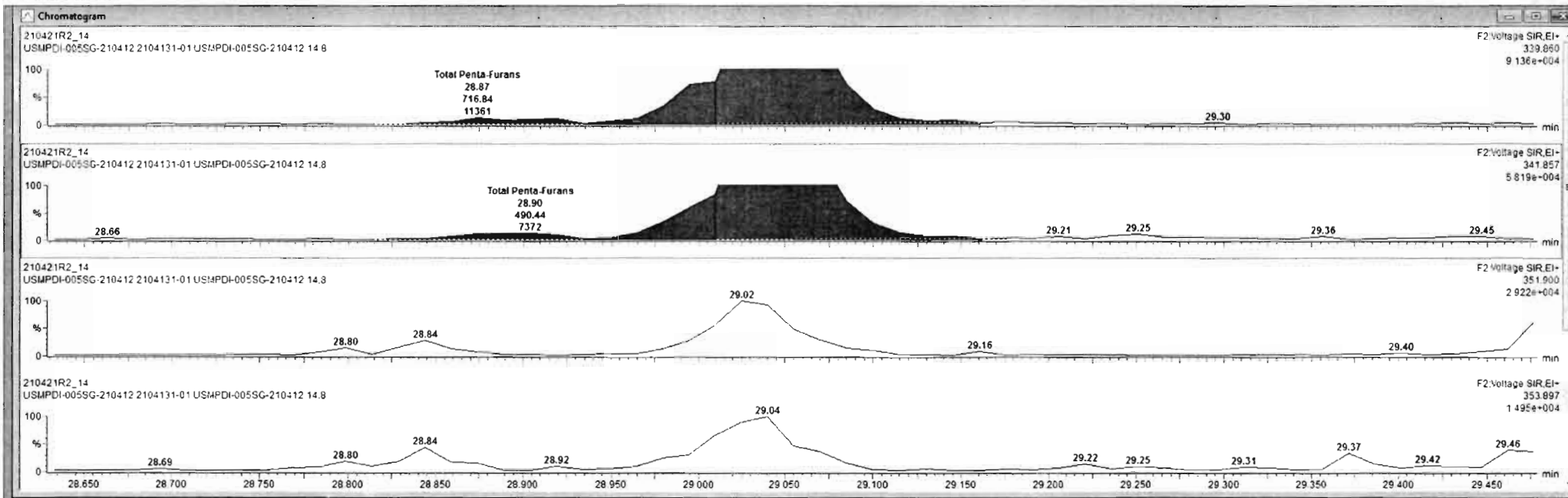


DPE2



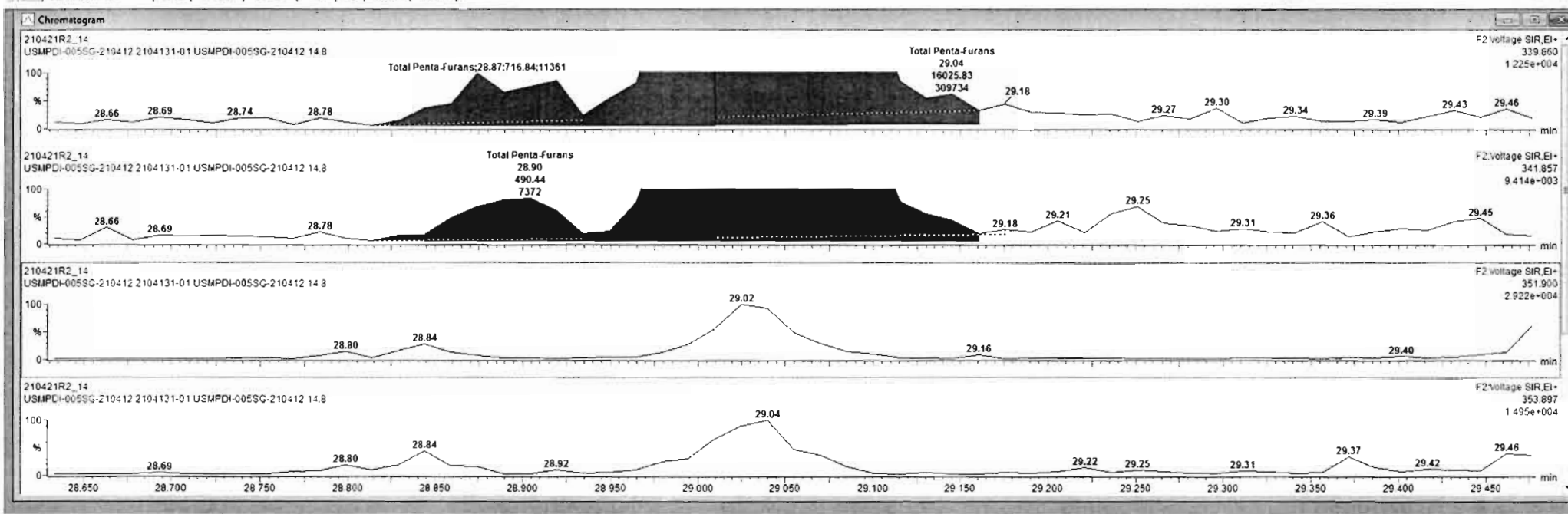
#	Name	Resp	RA	n/y	RRF	wt/wt	RT	RRT	Conc.	%Rec	DL	EMPC
44	1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45	Total Penta-Furans				0.8771	10.057			68.1		0.451	94.9
46	Total Hexa-Furans				0.5725	10.057			54.9		0.557	103
47	Total Hepta-Furans				1.0481	10.057			143		0.738	146
48	PFK1											
49	PFK2											
50	PFK3											
51	PFK4											
52	PFK5											
53	DPE1											

#	Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1	Total Penta-Furans	28.87	7.165e2	4.904e2	1.46	NO	0.92868	0.92868
2	Total Penta-Furans	29.01	2.217e3	1.318e3	1.63	NO	2.7193	0.00000
3	Total Penta-Furans	29.04	1.603e4	1.030e4	1.58	NO	20.248	0.00000
4	Total Penta-Furans	29.63	2.733e3	1.532e3	1.79	YES	3.0050	0.00000
5	Total Penta-Furans	29.79	3.475e3	2.535e3	1.37	NO	4.6232	4.6232



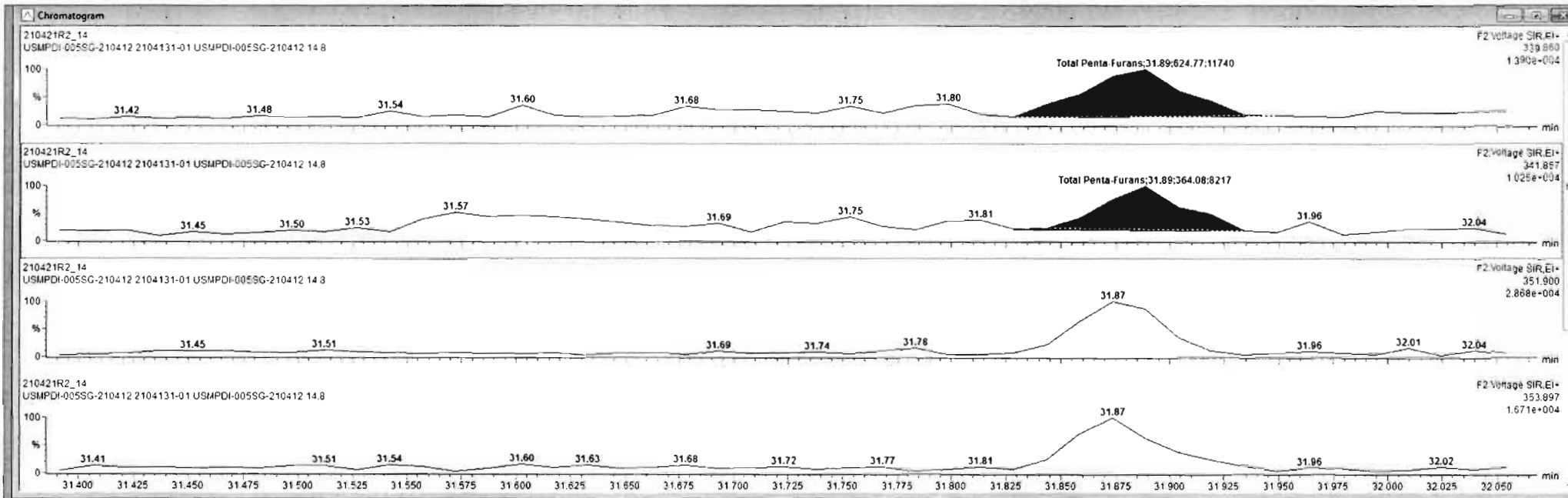
Name	Resp	RA	n/y	RRF	wt/val	RT	RRT	Conc	%Rec	DL	EMPC
44 1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45 Total Penta-Furans				0.8771	10.057			66.1		0.461	94.0
46 Total Hexa-Furans				0.9725	10.057			94.5		0.557	103
47 Total Hepta-Furans				1.0481	10.057			143		0.738	146
48 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											
53 DPE1											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Penta-Furans	28.87	7.168e2	4.904e2	1.46	NO	0.92868	0.92868
2 Total Penta-Furans	29.01	2.217e3	1.318e3	1.68	NO	2.7193	0.00000
3 Total Penta-Furans	29.04	1.603e4	1.020e4	1.56	NO	20.246	0.00000
4 Total Penta-Furans	29.63	2.739e3	1.532e3	1.79	YES	3.0050	0.00000
5 Total Penta-Furans	29.79	3.475e3	2.535e3	1.37	NO	4.6232	4.6232



Name	Resp	RA	nly	RRF	w/wtd	RT	RRT	Conc	%Rec	DL	EMPC
44 1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45 Total Penta-Furans				0.8771	10.057			68.1		0.461	94.0
46 Total Hexa-Furans				0.9725	10.057			94.9		0.557	103
47 Total Hepta-Furans				1.0481	10.057			143		0.738	146
48 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											
53 DPE1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Penta-Furans	28.87	7.168e2	4.904e2	1.46	NO	0.92868	0.92969
2 Total Penta-Furans	29.01	2.217e3	1.318e3	1.68	NO	2.7193	0.00000
3 Total Penta-Furans	29.04	1.603e4	1.030e4	1.56	NO	20.248	0.00000
4 Total Penta-Furans	29.63	2.729e3	1.532e3	1.79	YES	3.0050	0.00000
5 Total Penta-Furans	29.79	3.475e3	2.535e3	1.37	NO	4.6232	4.6232



Results

210421R2_14

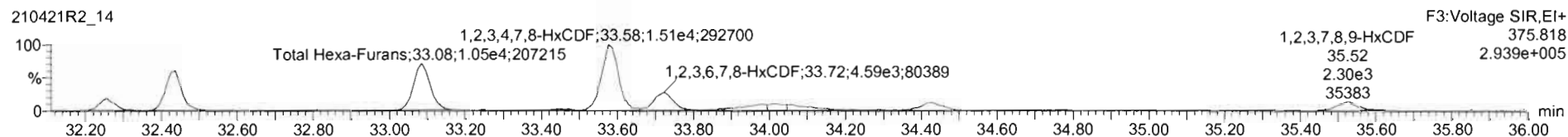
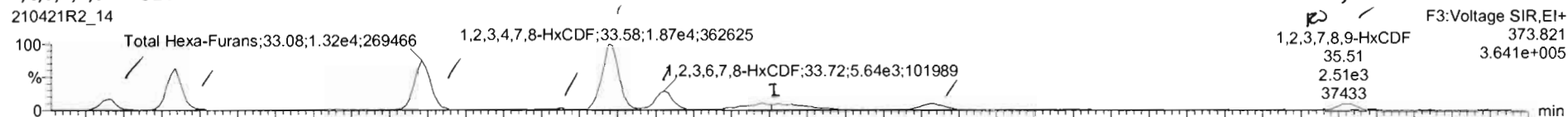
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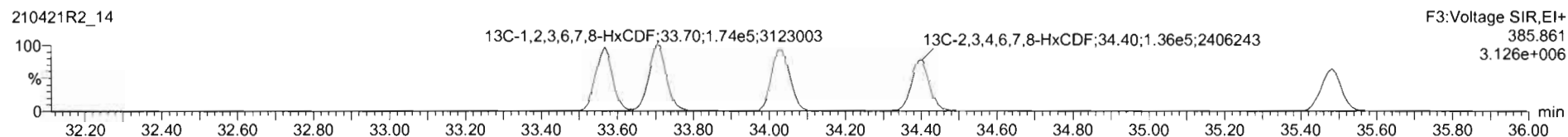
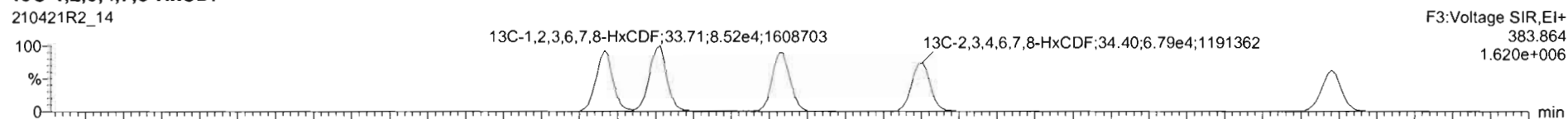
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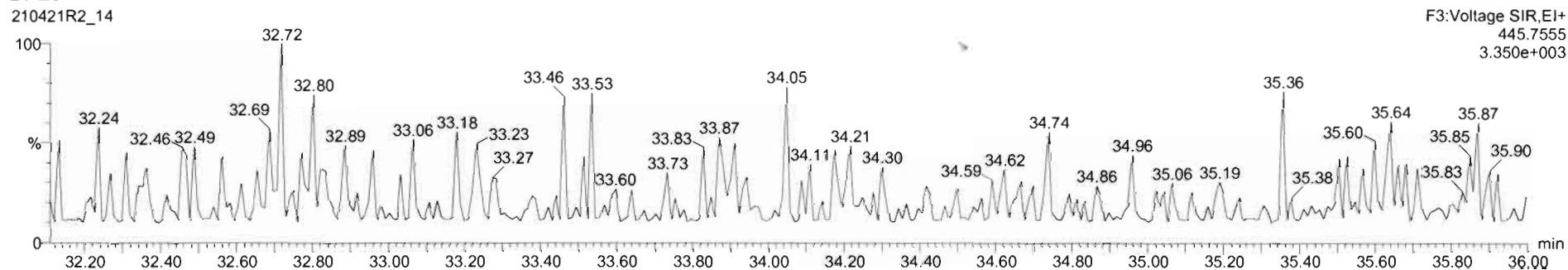
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13C-1,2,3,4,7,8-HxCDF

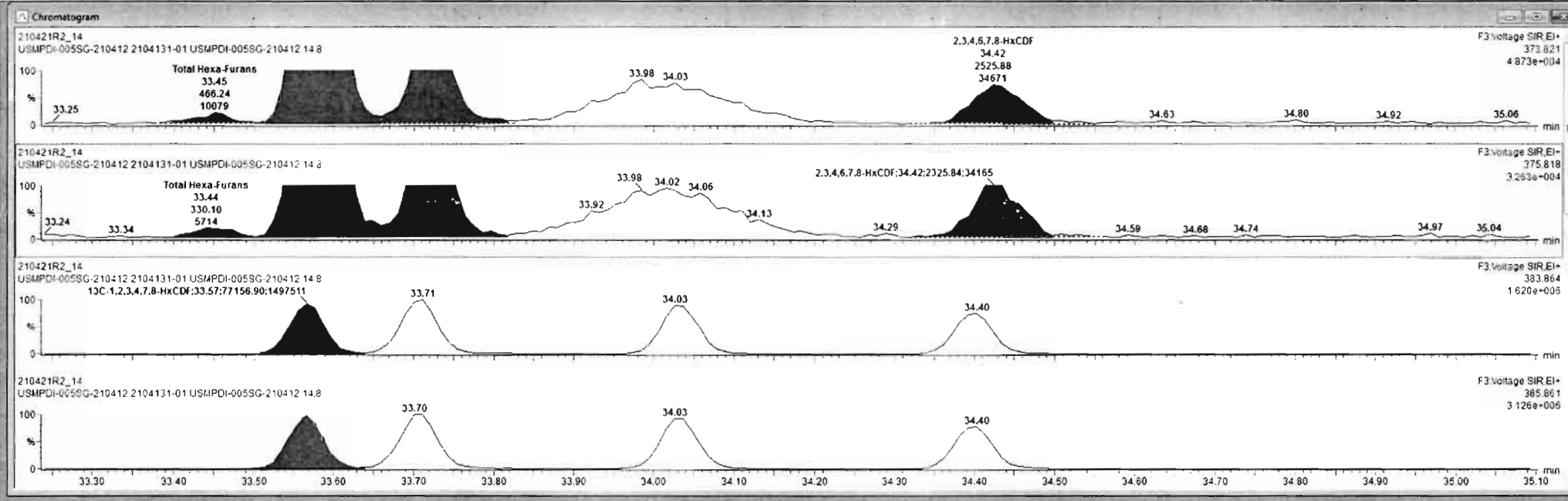


DPE3



Name	Resp	RA	n/y	RRF	uVal	RT	RRT	Conc	%Rec	DL	EMPC
44 1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45 Total Penta-Furans				0.8771	10.057			68.1		0.461	64.0
46 Total Hexa-Furans				0.9725	10.057			96.6		0.667	95.6
47 Total Hepta-Furans				1.0481	10.057			143		0.738	140
49 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											
53 DPE1											

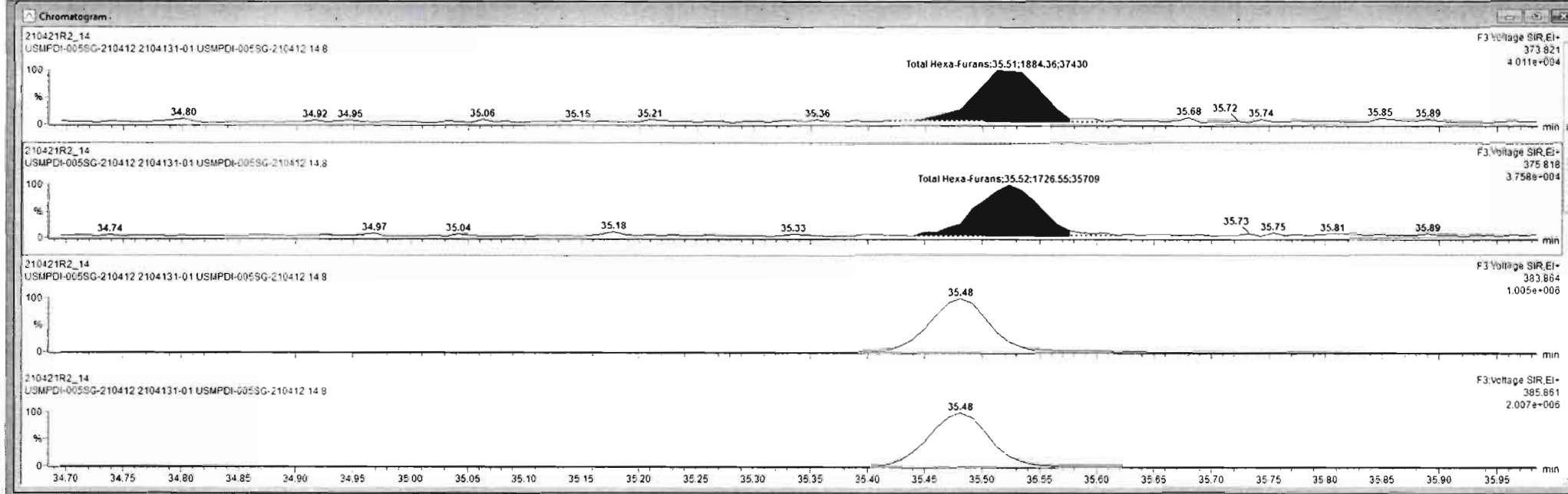
Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Hexa-Furans	32.27	2.895e3	2.512e3	1.15	NO	5.0304	5.0304
2 Total Hexa-Furans	32.44	1.054e4	8.501e3	1.24	NO	17.715	17.715
3 Total Hexa-Furans	33.08	1.321e4	1.047e4	1.26	NO	22.029	22.029
4 Total Hexa-Furans	33.45	4.662e2	3.301e2	1.41	NO	0.74083	0.74083



210421R2_14 - 2104131-01 USMPDI-005SG-210412 14.8 - USMPDI-005SG-210412

Name	Resp	RA	nly	RRF	ntVol	RT	RRT	Conc	%Rec	DL	EMPC
44 1st Func. Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45 Total Penta-Furans				0.8771	10.057			68.1		0.461	94.0
46 Total Hexa-Furans				0.9725	10.057			93.4		0.557	94.5
47 Total Hepta-Furans				1.0421	10.057			143		0.738	146
48 PFK1											
49 PFK2											
50 PFK3											
51 PFK4											
52 PFK5											
53 OPE1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Hexa-Furans	32.27	2.895e3	2.512e3	1.15	NO	5.0304	5.0304
2 Total Hexa-Furans	32.44	1.054e4	8.501e3	1.24	NO	17.715	17.715
3 Total Hexa-Furans	33.08	1.321e4	1.047e4	1.26	NO	22.029	22.029
4 Total Hexa-Furans	33.45	4.662e2	3.301e2	1.41	NO	0.74083	0.74083



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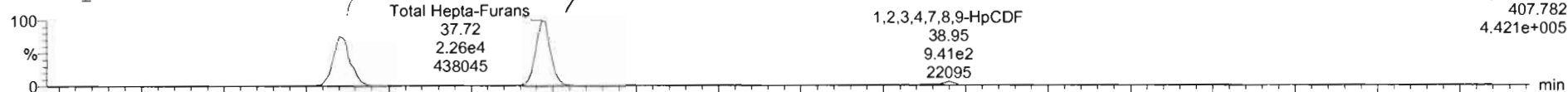
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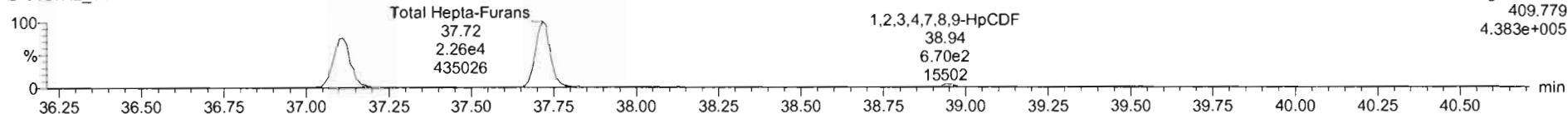
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210421R2_14



F4:Voltage SIR,EI+
407.782
4.421e+005

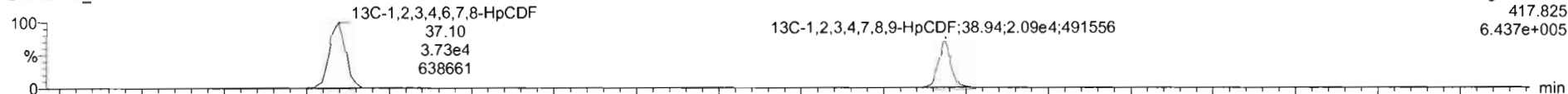
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F4:Voltage SIR,EI+
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4.383e+005

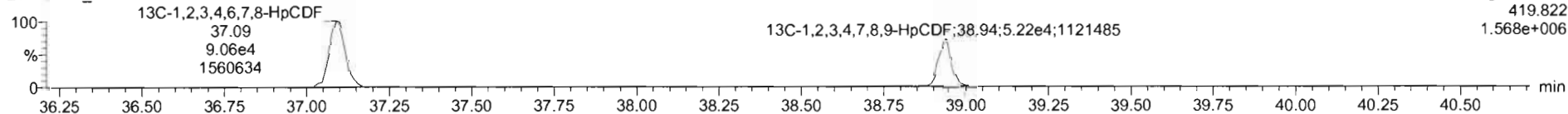
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210421R2_14



F4:Voltage SIR,EI+
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6.437e+005

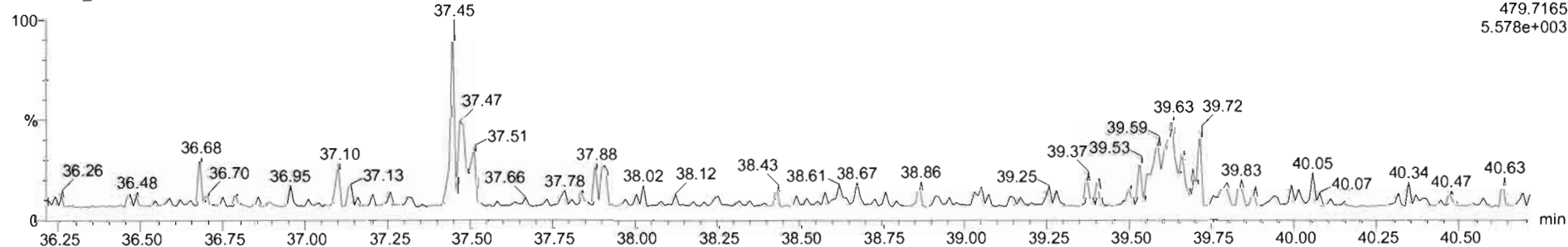
210421R2_14



F4:Voltage SIR,EI+
419.822
1.568e+006

DPE4

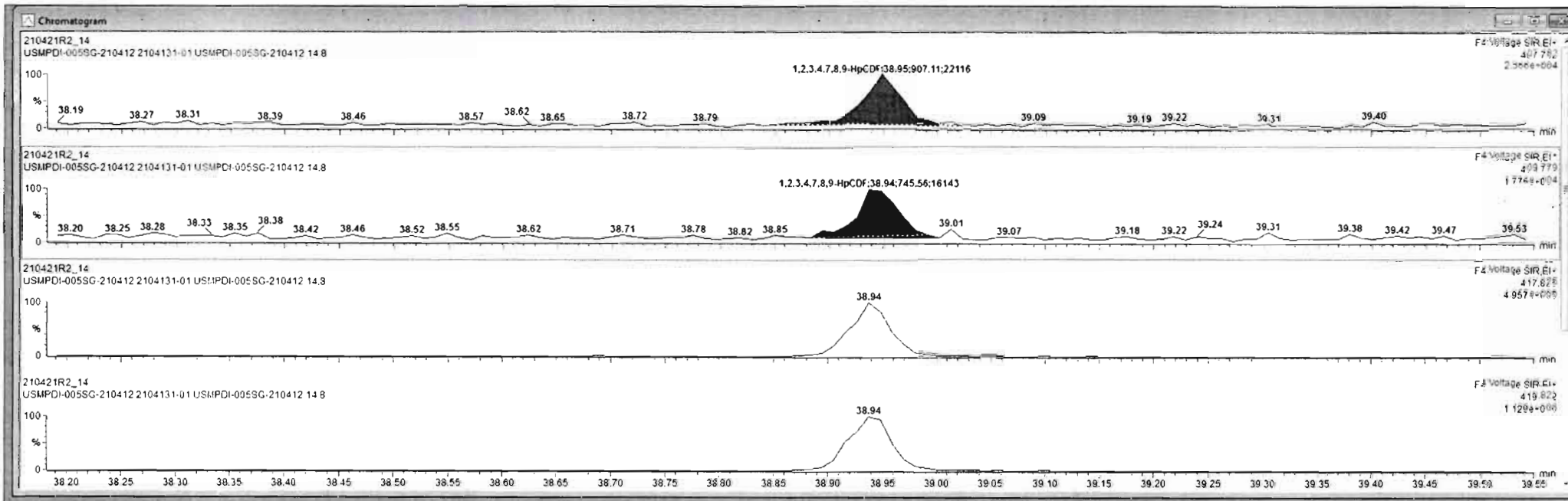
210421R2_14



F4:Voltage SIR,EI+
479.7165
5.578e+003

#	Name	Resp	RA	n/y	RRF	wt/wt	RT	RRT	Conc.	%Rec	DL	EMPC
44	1st Func Penta-Furans				0.8771	10.057			22.3		0.254	22.3
45	Total Penta-Furans				0.8771	10.057			68.1		0.461	94.0
46	Total Hexa-Furans				0.9725	10.057			93.4		0.557	94.5
47	Total Hepta-Furans				1.0421	10.057			143		0.738	147
48	PFK1											
49	PFK2											
50	PFK3											
51	PFK4											
52	PFK5											
53	CPPE1											

#	Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1	1,2,3,4,6,7,8-HpCDF	37.10	1.958e4	1.933e4	1.01	NO	57.564	57.564
2	Total Hepta-Furans	37.72	2.258e4	2.258e4	1.00	NO	85.221	85.221
3	1,2,3,4,7,8,9-HpCDF	38.95	9.071e2	7.456e2	1.22	YES	3.9598	0.00000



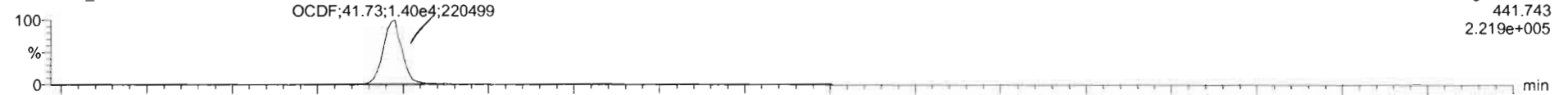
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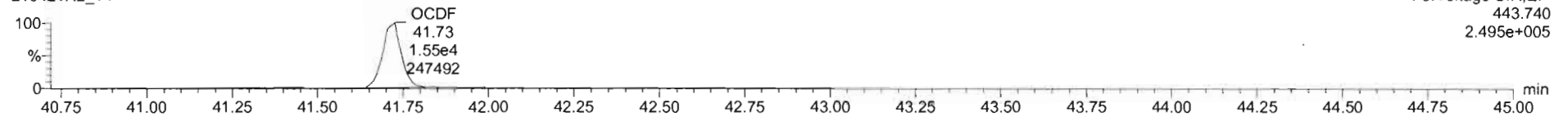
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OCDF

210421R2_14

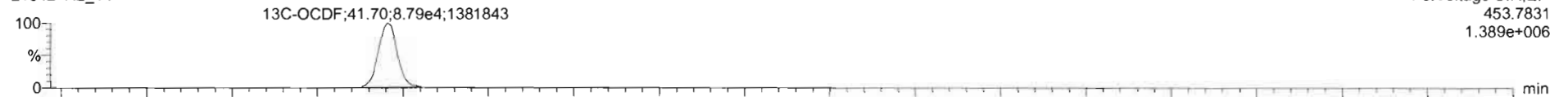


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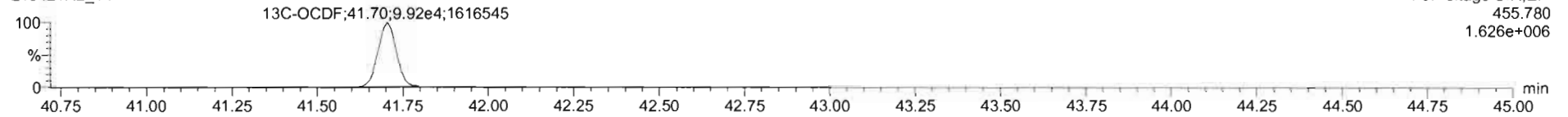


13C-OCDF

210421R2_14

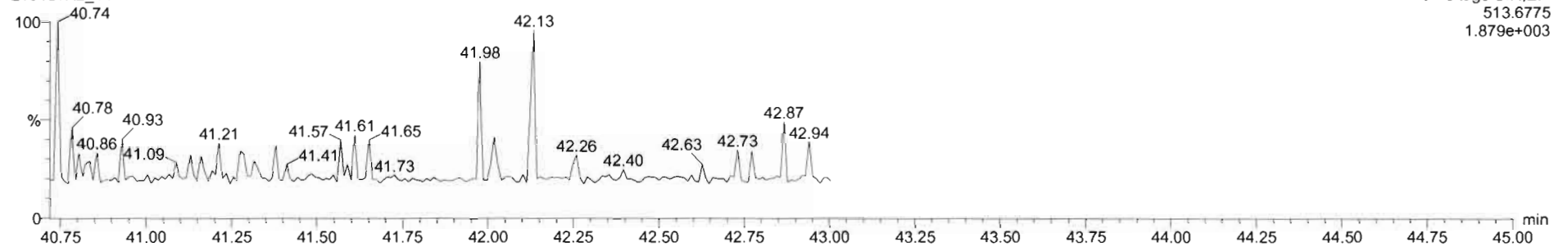


210421R2_14



DPE5

210421R2_14

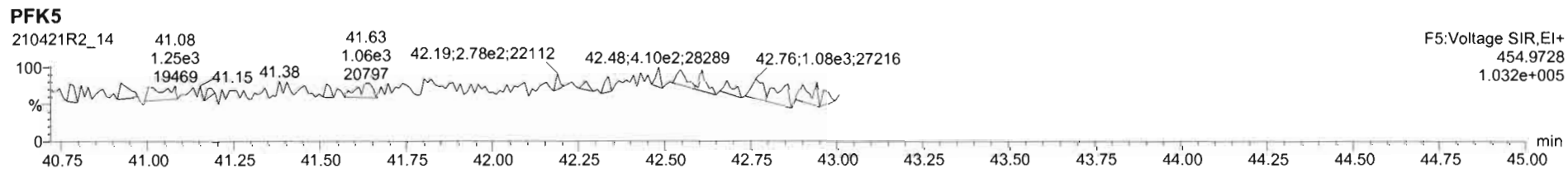
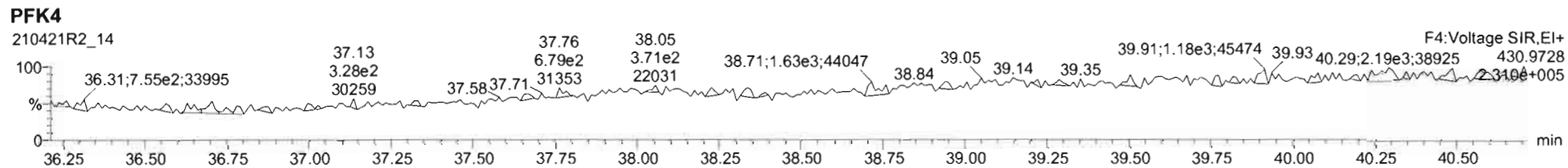
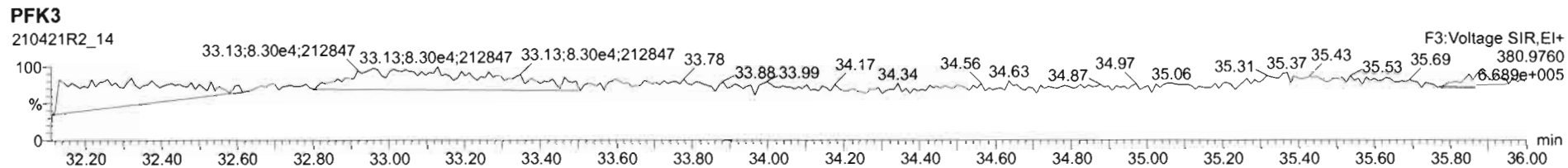
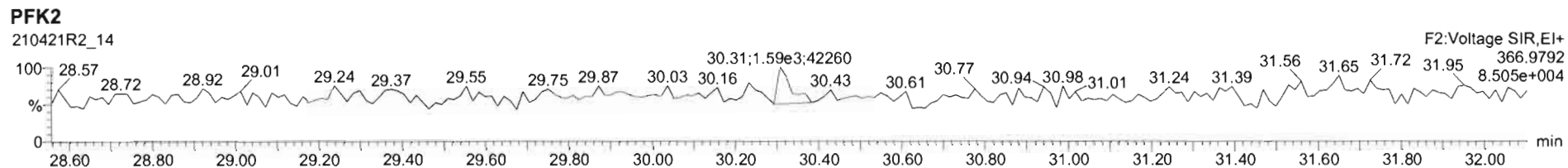
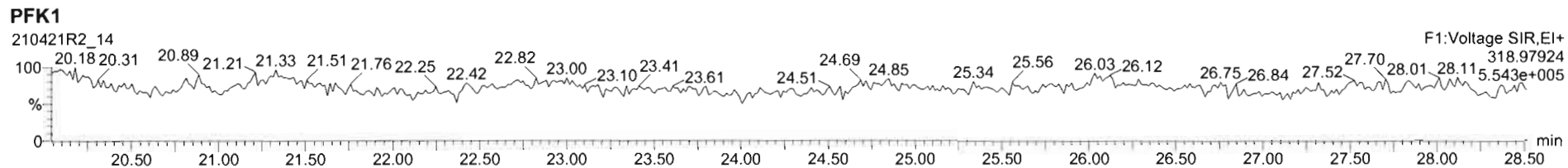


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Name: 210421R2_14, Date: 22-Apr-2021, Time: 06:41:59, ID: 2104131-01 USMPDI-005SG-210412 14.8, Description: USMPDI-005SG-210412



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Printed: Friday, May 07, 2021 16:53:39 Pacific Daylight Time

HN05/07/21

07/05/17/2021

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2	2 1,2,3,7,8-PeCDD			NO	0.826	10.023	31.181		1.001				0.611	
3	3 1,2,3,4,7,8-HxCDD	3.75e2	1.34	NO	0.972	10.023	34.529	34.51	1.001	1.000	0.85871		0.254	0.859
4	4 1,2,3,6,7,8-HxCDD	2.53e3	1.17	NO	0.877	10.023	34.655	34.65	1.001	1.001	5.6017		0.248	5.60
5	5 1,2,3,7,8,9-HxCDD	8.35e2	1.39	NO	0.874	10.023	34.926	34.93	1.000	1.000	1.7233		0.255	1.72
6	6 1,2,3,4,6,7,8-HpCDD	3.25e4	1.01	NO	0.899	10.023	38.355	38.35	1.000	1.000	97.225		2.12	97.2
7	7 OCDD	1.50e5	0.87	NO	0.852	10.023	41.451	41.46	1.000	1.000	794.30		1.36	794
8	8 2,3,7,8-TCDF	1.43e3	0.79	NO	0.747	10.023	26.122	26.13	1.000	1.001	1.9344		0.253	1.93
9	9 1,2,3,7,8-PeCDF	1.82e3	1.53	NO	0.877	10.023	29.978	29.99	1.000	1.000	2.1566		0.148	2.16
10	10 2,3,4,7,8-PeCDF	1.27e3	1.31	YES	0.962	10.023	31.007	31.00	1.001	1.000	1.5018		0.150	1.40
11	11 1,2,3,4,7,8-HxCDF	2.41e3	1.22	NO	0.920	10.023	33.586	33.59	1.000	1.000	4.6814		0.242	4.68
12	12 1,2,3,6,7,8-HxCDF	1.24e3	1.03	YES	0.936	10.023	33.732	33.71	1.001	1.000	1.6985		0.181	1.56
13	13 2,3,4,6,7,8-HxCDF	4.01e2	1.29	NO	0.973	10.023	34.424	34.42	1.001	1.001	0.78605		0.263	0.786
14	14 1,2,3,7,8,9-HxCDF			NO	0.940	10.023	35.493		1.000				0.345	
15	15 1,2,3,4,6,7,8-HpCDF	6.08e3	0.99	NO	1.05	10.023	37.131	37.13	1.000	1.001	16.681		0.594	16.7
16	16 1,2,3,4,7,8,9-HpCDF	5.35e2	1.12	NO	1.05	10.023	39.014	39.01	1.000	1.000	1.8088		0.653	1.81
17	17 OCDF	7.18e3	0.81	NO	0.771	10.023	41.786	41.80	1.000	1.001	36.509		1.74	36.5
18	18 13C-2,3,7,8-TCDD	1.49e5	0.79	NO	1.10	10.023	26.731	26.74	1.027	1.027	130.94	65.6	0.315	
19	19 13C-1,2,3,7,8-PeCDD	1.57e5	0.60	NO	0.864	10.023	31.123	31.15	1.196	1.197	176.38	88.4	0.505	
20	20 13C-1,2,3,4,7,8-HxCDD	8.97e4	1.30	NO	0.746	10.023	34.507	34.51	1.014	1.014	182.64	91.5	1.26	
21	21 13C-1,2,3,6,7,8-HxCDD	1.03e5	1.28	NO	0.847	10.023	34.626	34.63	1.017	1.018	184.50	92.5	1.11	
22	22 13C-1,2,3,7,8,9-HxCDD	1.11e5	1.27	NO	0.868	10.023	34.925	34.92	1.026	1.026	193.42	96.9	1.08	
23	23 13C-1,2,3,4,6,7,8-HpCDD	7.42e4	1.05	NO	0.664	10.023	38.278	38.34	1.125	1.127	169.61	85.0	2.41	
24	24 13C-OCDD	8.81e4	0.87	NO	0.561	10.023	41.229	41.44	1.211	1.218	238.78	59.8	1.30	
25	25 13C-2,3,7,8-TCDF	1.98e5	0.76	NO	1.09	10.023	26.120	26.12	1.003	1.003	133.99	67.2	0.447	
26	26 13C-1,2,3,7,8-PeCDF	1.92e5	1.60	NO	0.809	10.023	29.850	29.98	1.147	1.152	176.21	88.3	0.760	
27	27 13C-2,3,4,7,8-PeCDF	1.75e5	1.59	NO	0.803	10.023	30.813	30.99	1.184	1.190	161.92	81.1	0.766	
28	28 13C-1,2,3,4,7,8-HxCDF	1.12e5	0.48	NO	1.01	10.023	33.577	33.58	0.987	0.986	167.60	84.0	1.32	
29	29 13C-1,2,3,6,7,8-HxCDF	1.56e5	0.49	NO	1.07	10.023	33.707	33.71	0.990	0.990	220.49	111	1.24	
30	30 13C-2,3,4,6,7,8-HxCDF	1.05e5	0.48	NO	0.910	10.023	34.398	34.40	1.011	1.011	174.75	87.6	1.47	
31	31 13C-1,2,3,7,8,9-HxCDF	9.55e4	0.49	NO	0.828	10.023	35.477	35.48	1.042	1.042	175.02	87.7	1.61	

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_9.qld

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Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

#	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	6.94e4	0.41	NO	0.661	10.023	37.087	37.11	1.090	1.090	159.60	80.0	1.80	
33	33 13C-1,2,3,4,7,8,9-HpCDF	5.65e4	0.43	NO	0.566	10.023	38.850	39.00	1.141	1.146	151.68	76.0	2.10	
34	34 13C-OCDF	1.02e5	0.86	NO	0.663	10.023	41.617	41.78	1.223	1.227	233.44	58.5	1.08	
35	35 37Cl-2,3,7,8-TCDD	1.61e5			2.07	10.023	26.932	26.75	1.035	1.028	75.490	94.6	0.0748	
36	36 13C-1,2,3,4-TCDD	2.05e5	0.75	NO	1.00	10.023	26.070	26.03	1.000	1.000	199.54	100	0.348	
37	37 13C-1,2,3,4-TCDF	2.69e5	0.77	NO	1.00	10.023	24.760	24.72	1.000	1.000	199.54	100	0.488	
38	38 13C-1,2,3,4,6,9-HxCDF	1.31e5	0.49	NO	1.00	10.023	34.040	34.04	1.000	1.000	199.54	100	1.33	
39	39 Total Tetra-Dioxins				0.929	10.023	24.620		0.000		1.4322		0.147	1.43
40	40 Total Penta-Dioxins				0.826	10.023	29.960		0.000		1.3827		0.611	1.64
41	41 Total Hexa-Dioxins				0.877	10.023	33.635		0.000		34.092		0.260	34.1
42	42 Total Hepta-Dioxins				0.899	10.023	37.640		0.000		197.04		2.12	197
43	43 Total Tetra-Furans				0.747	10.023	23.610		0.000		4.6888		0.253	4.69
44	44 1st Func. Penta-Furans				0.877	10.023	27.620		0.000		5.9869		0.0568	5.99
45	45 Total Penta-Furans				0.877	10.023	29.275		0.000		4.9716		0.156	7.94
46	46 Total Hexa-Furans				0.973	10.023	33.555		0.000		25.290		0.233	27.5
47	47 Total Hepta-Furans				1.05	10.023	37.835		0.000		45.886		0.620	45.9

Quantify Totals Report MassLynx 4.1 SCN815

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Dataset: U:\VG12.PRO\Results\210427R1\210427R1_9.qld

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Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	23.33	3.666e3	4.384e3	2.176e2	2.848e2	0.76	NO	5.024e2	0.72525	0.72525	0.147
2	Total Tetra-Dioxins	26.50	3.535e3	4.221e3	2.111e2	2.786e2	0.76	NO	4.897e2	0.70694	0.70694	0.147

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	29.02	4.858e3	9.738e3	3.349e2	5.620e2	0.60	NO	8.970e2	1.3827	1.3827	0.611
2	Total Penta-Dioxins	31.62	1.696e3	6.053e3	6.481e1	3.321e2	0.20	YES	0.000e0	0.00000	0.25849	0.611

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.79	3.540e4	3.183e4	1.922e3	1.584e3	1.21	NO	3.506e3	7.8933	7.8933	0.260
2	Total Hexa-Dioxins	33.42	6.034e3	5.434e3	3.088e2	2.693e2	1.15	NO	5.781e2	1.3015	1.3015	0.260
3	Total Hexa-Dioxins	33.73	5.649e4	4.233e4	3.845e3	2.927e3	1.31	NO	6.772e3	15.246	15.246	0.260
4	Total Hexa-Dioxins	33.83	5.554e3	3.178e3	2.054e2	1.445e2	1.42	NO	3.500e2	0.78792	0.78792	0.260
5	1,2,3,4,7,8-HxCDD	34.51	3.454e3	3.890e3	2.152e2	1.602e2	1.34	NO	3.755e2	0.85871	0.85871	0.254
6	1,2,3,6,7,8-HxCDD	34.65	2.336e4	2.092e4	1.367e3	1.166e3	1.17	NO	2.533e3	5.6017	5.6017	0.248
7	Total Hexa-Dioxins	34.83	3.681e3	2.611e3	1.696e2	1.323e2	1.28	NO	3.018e2	0.67953	0.67953	0.260
8	1,2,3,7,8,9-HxCDD	34.93	1.085e4	5.888e3	4.848e2	3.497e2	1.39	NO	8.345e2	1.7233	1.7233	0.255

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.46	2.645e5	2.667e5	1.667e4	1.667e4	1.00	NO	3.334e4	99.819	99.819	2.12
2	1,2,3,4,6,7,8-HpCDD	38.35	2.683e5	2.590e5	1.630e4	1.617e4	1.01	NO	3.248e4	97.225	97.225	2.12

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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	22.59	5.756e3	8.858e3	4.792e2	5.645e2	0.85	NO	1.044e3	1.4122	1.4122	0.253
2	Total Tetra-Furans	25.23	6.405e3	1.038e4	4.195e2	5.724e2	0.73	NO	9.919e2	1.3422	1.3422	0.253
3	2,3,7,8-TCDF	26.13	9.843e3	1.368e4	6.289e2	8.007e2	0.79	NO	1.430e3	1.9344	1.9344	0.253

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	27.49	4.944e4	3.246e4	2.935e3	1.903e3	1.54	NO	4.839e3	5.9869	5.9869	0.0568

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	29.06	1.760e4	1.478e4	1.375e3	9.001e2	1.53	NO	2.275e3	2.8150	2.8150	0.156
2	Total Penta-Furans	29.63	7.465e3	4.129e3	3.937e2	3.361e2	1.17	YES	0.000e0	0.00000	0.80144	0.156
3	1,2,3,7,8-PeCDF	29.99	2.339e4	1.293e4	1.102e3	7.215e2	1.53	NO	1.824e3	2.1566	2.1566	0.148
4	Total Penta-Furans	30.22	8.239e3	4.090e3	4.698e2	2.422e2	1.94	YES	0.000e0	0.00000	0.76406	0.156
5	2,3,4,7,8-PeCDF	31.00	1.503e4	9.400e3	7.197e2	5.501e2	1.31	YES	1.270e3	0.00000	1.4003	0.150

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.25	2.120e4	1.412e4	1.008e3	7.924e2	1.27	NO	1.800e3	3.1600	3.1600	0.233
2	Total Hexa-Furans	32.44	4.641e4	4.309e4	2.242e3	1.881e3	1.19	NO	4.123e3	7.2379	7.2379	0.233
3	Total Hexa-Furans	33.10	6.046e4	4.280e4	3.018e3	2.350e3	1.28	NO	5.369e3	9.4246	9.4246	0.233
4	1,2,3,4,7,8-HxCDF	33.59	2.710e4	1.824e4	1.326e3	1.083e3	1.22	NO	2.409e3	4.6814	4.6814	0.242
5	1,2,3,6,7,8-HxCDF	33.71	1.037e4	1.230e4	6.309e2	6.110e2	1.03	YES	1.242e3	0.00000	1.5587	0.161
6	2,3,4,6,7,8-HxCDF	34.42	6.750e3	4.689e3	2.256e2	1.753e2	1.29	NO	4.009e2	0.78605	0.78605	0.263
7	Total Hexa-Furans	34.43	4.436e3	5.724e3	1.955e2	1.707e2	1.15	NO	0.000e0	0.00000	0.64299	0.233

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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	37.13	4.420e4	5.132e4	3.033e3	3.052e3	0.99	NO	6.085e3	16.681	16.681	0.594
2	Total Hepta-Furans	37.76	7.546e4	6.986e4	4.449e3	4.613e3	0.96	NO	9.062e3	27.396	27.396	0.620
3	1,2,3,4,7,8,9-HpCDF	39.01	5.230e3	4.586e3	2.833e2	2.521e2	1.12	NO	5.354e2	1.8088	1.8088	0.653

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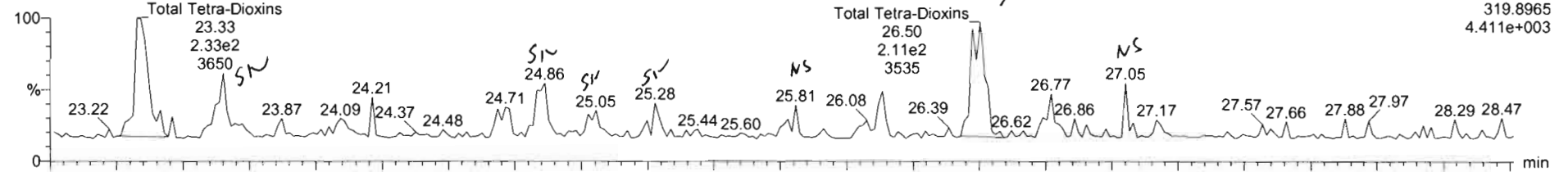
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Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

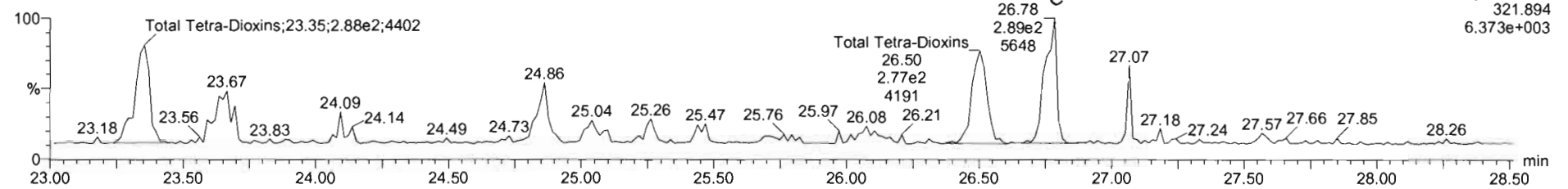
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210427R1_9



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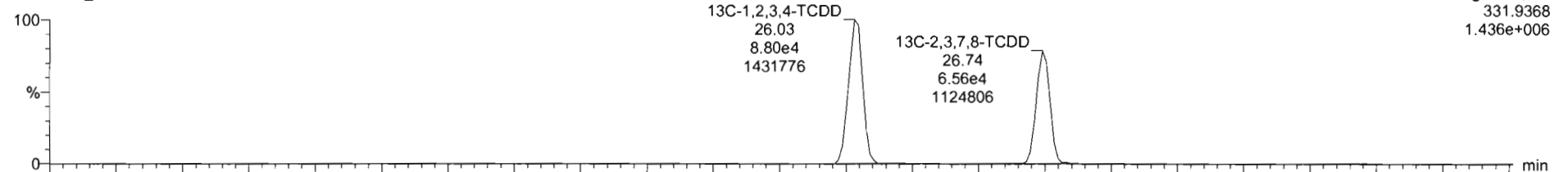
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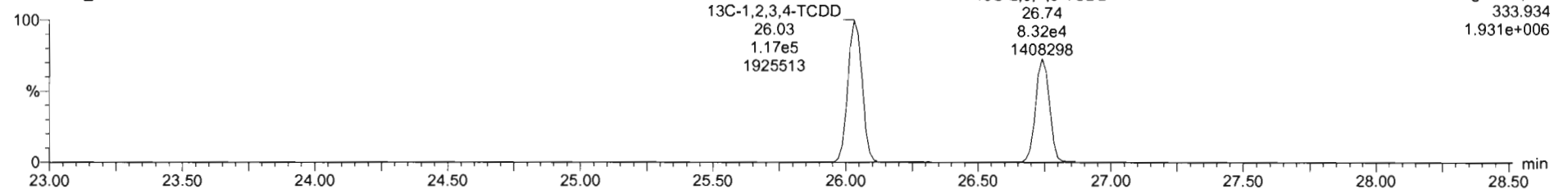
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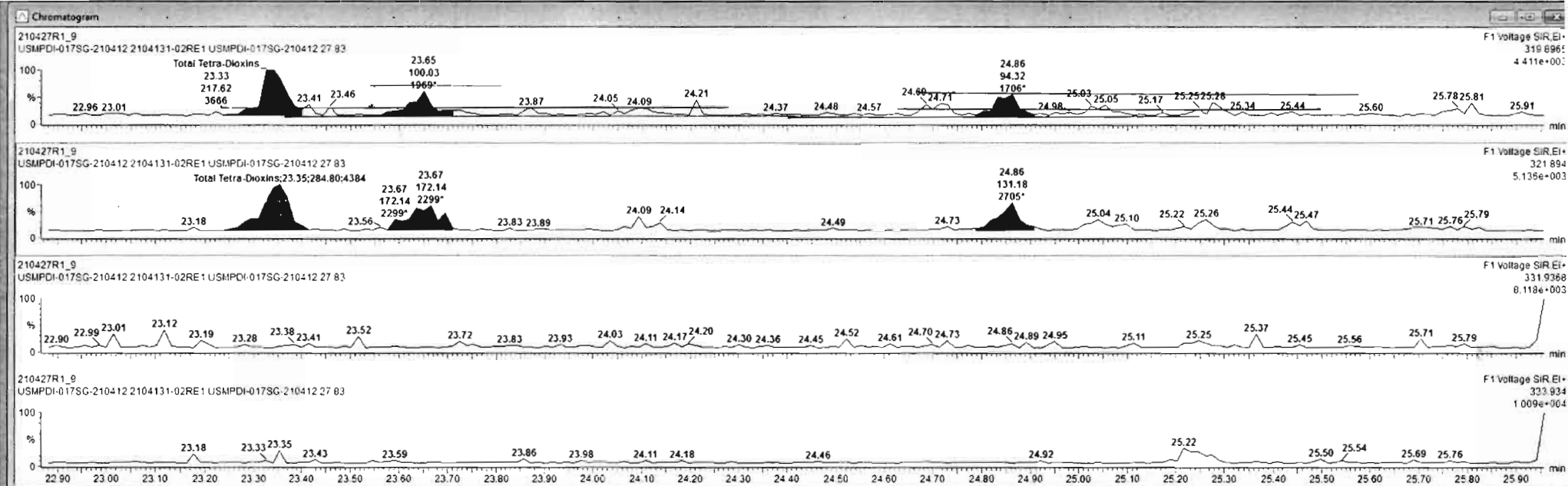
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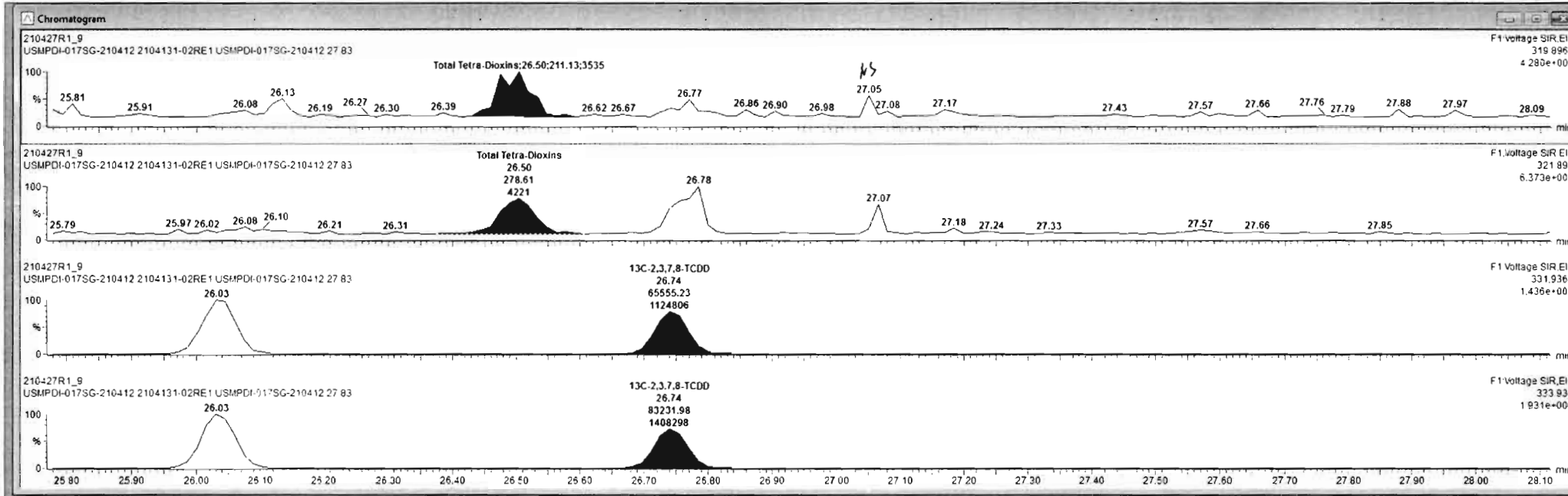
Name	Resp	RA	n/y	RRF	wt/val	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.35		0.811	1.95
41 Total Hexa-Dioxins				0.8771	10.023			30.6		0.471	30.8
42 Total Hepta-Dioxins				0.8987	10.023			197		2.12	197
43 Total Tetra-Furans				0.7486	10.023			4.66		0.253	4.88
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.156	7.98
46 Total Hexa-Furans				0.9725	10.023			26.1		0.233	27.6
47 Total Hepta-Furans				1.0421	10.023			45.9		0.620	45.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Dioxins	26.50	2.111e2	2.770e2	0.75	ND	0.70457	0.70457
2 Total Tetra-Dioxins	23.33	2.178e2	2.848e2	0.75	ND	0.72525	0.72525



Name	Resp	RA	n/y	RRF	w/w%	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.35		0.911	1.95
41 Total Hexa-Dioxins				0.8771	10.023					0.260	
42 Total Hepta-Dioxins				0.9907	10.023			197		2.12	197
43 Total Tetra-Furans				0.7496	10.023			4.66		0.253	4.66
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.6771	10.023			4.97		0.156	7.98
46 Total Hexa-Furans				0.9725	10.023			26.1		0.233	27.8
47 Total Hepta-Furans				1.0481	10.023			45.9		0.620	45.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1 Total Tetra-Dioxins	26.50	2.111e2	2.786e2	0.76	NO	0.70694	0.70694
2 Total Tetra-Dioxins	23.33	2.176e2	2.848e2	0.76	NO	0.72525	0.72525



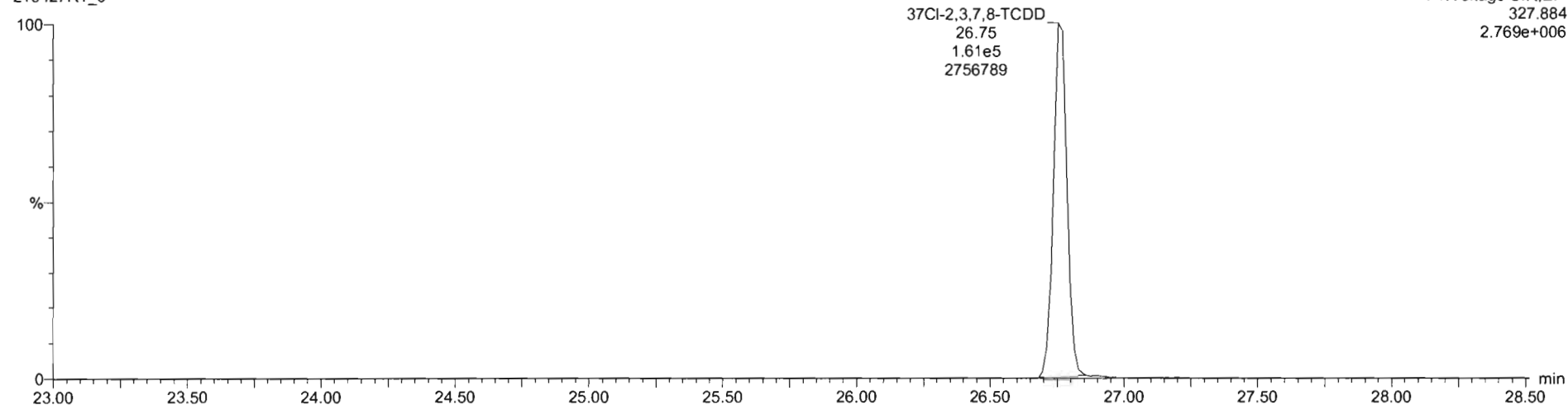
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Last Altered: Thursday, April 29, 2021 10:49:46 Pacific Daylight Time
Printed: Thursday, April 29, 2021 10:49:50 Pacific Daylight Time

Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

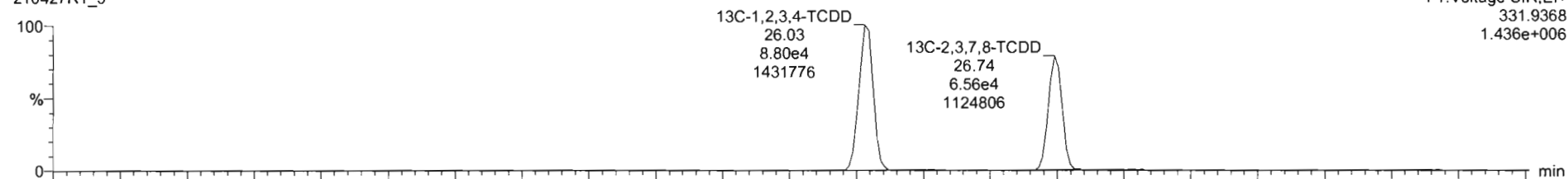
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210427R1_9

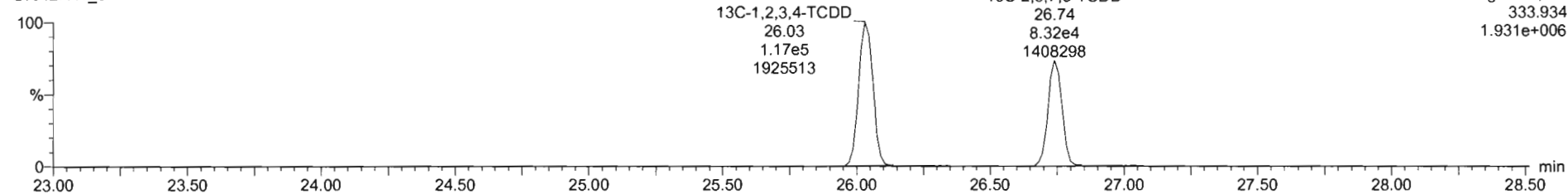


13C-1,2,3,4-TCDD

210427R1_9



210427R1_9



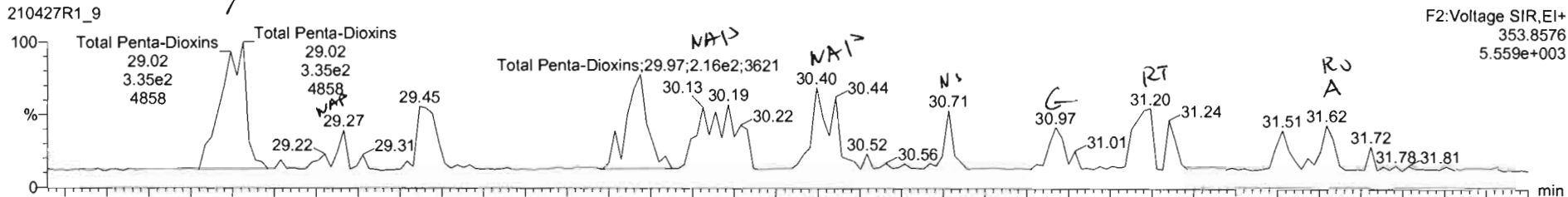
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Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

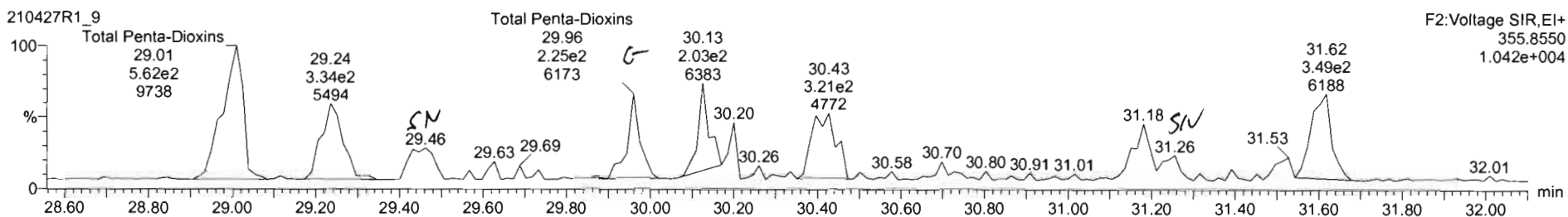
1,2,3,7,8-PeCDD

210427R1_9



F2:Voltage SIR,EI+
353.8576
5.559e+003

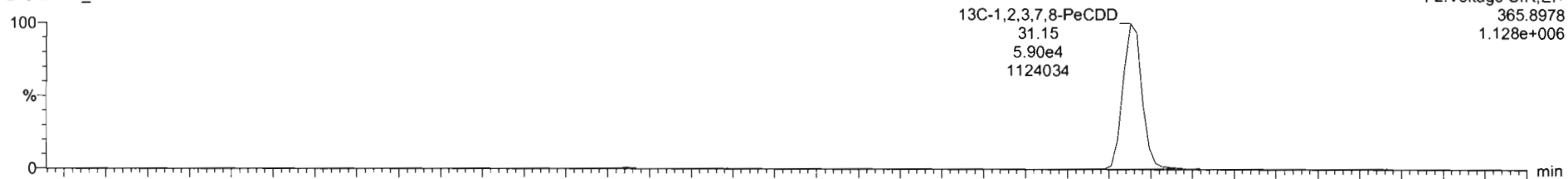
210427R1_9



F2:Voltage SIR,EI+
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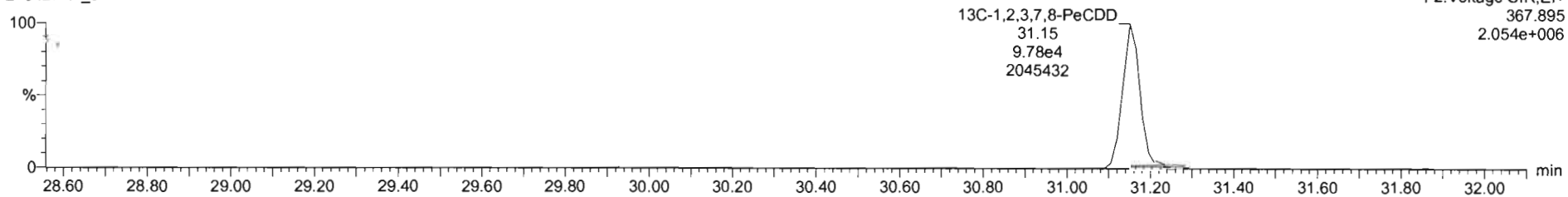
13C-1,2,3,7,8-PeCDD

210427R1_9



F2:Voltage SIR,EI+
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1.128e+006

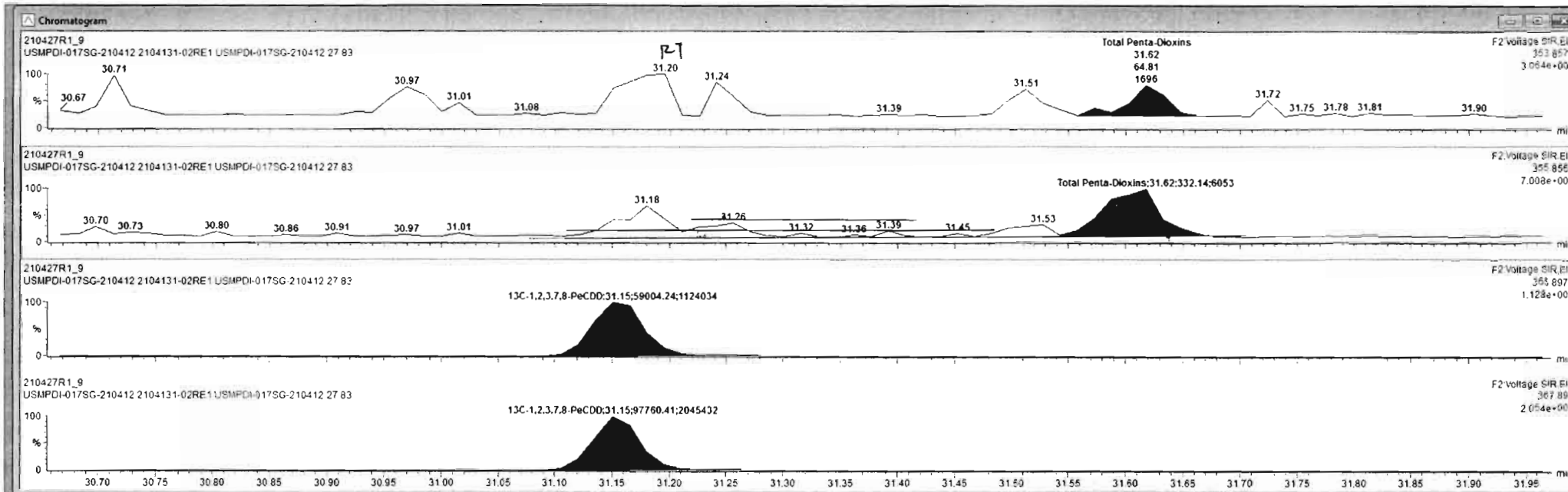
210427R1_9



F2:Voltage SIR,EI+
367.895
2.054e+006

Name	Resp	RA	n/y	RRF	rt/ret	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				3.9261	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.38		0.011	1.64
41 Total Hexa-Dioxins				0.8771	10.023					0.260	
42 Total Hepta-Dioxins				0.9907	10.023			197		2.12	197
43 Total Tetra-Furans				0.7406	10.023			4.66		0.253	4.66
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0560	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.156	7.92
46 Total Hexa-Furans				0.9725	10.023			26.1		0.233	27.6
47 Total Hepta-Furans				1.0481	10.023			45.9		0.520	45.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Penta-Dioxins	29.02	2.349e2	5.620e2	0.60	NO	1.3827	1.3827
2 Total Penta-Dioxins	31.62	6.481e1	2.321e2	0.20	YES	0.25849	0.00000



Ready

210427R1_9

CAP NUM

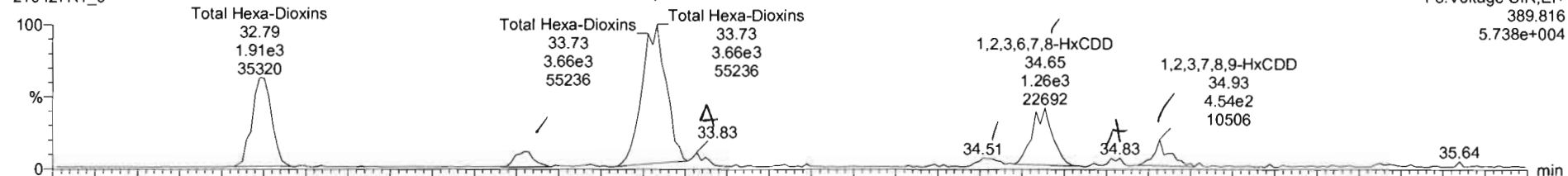
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Printed: Thursday, April 29, 2021 10:49:50 Pacific Daylight Time

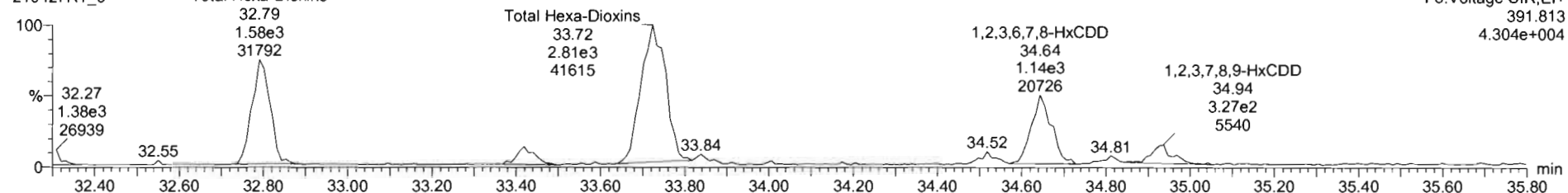
Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

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

210427R1_9

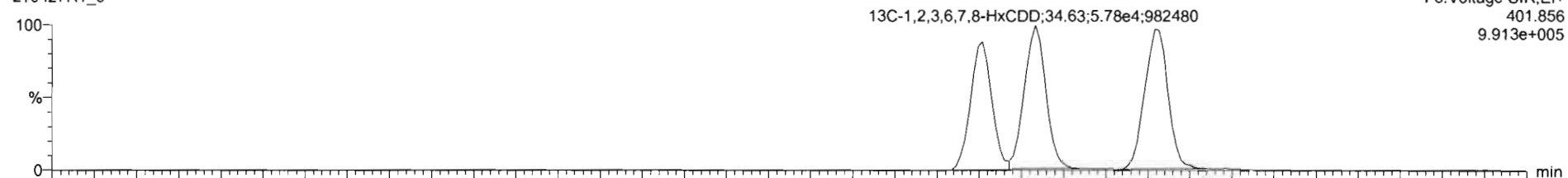


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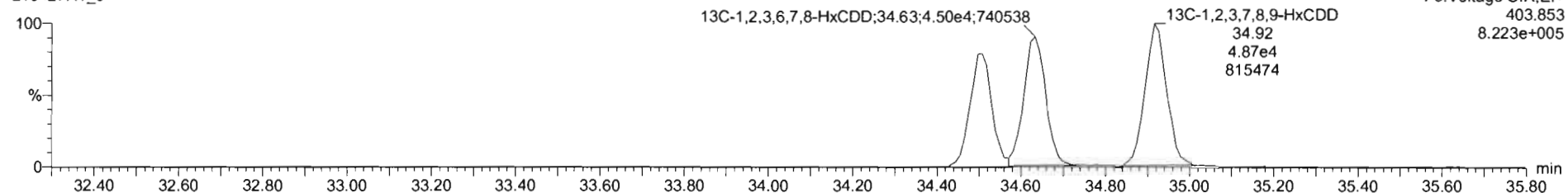


13C-1,2,3,4,7,8-HxCDD

210427R1_9

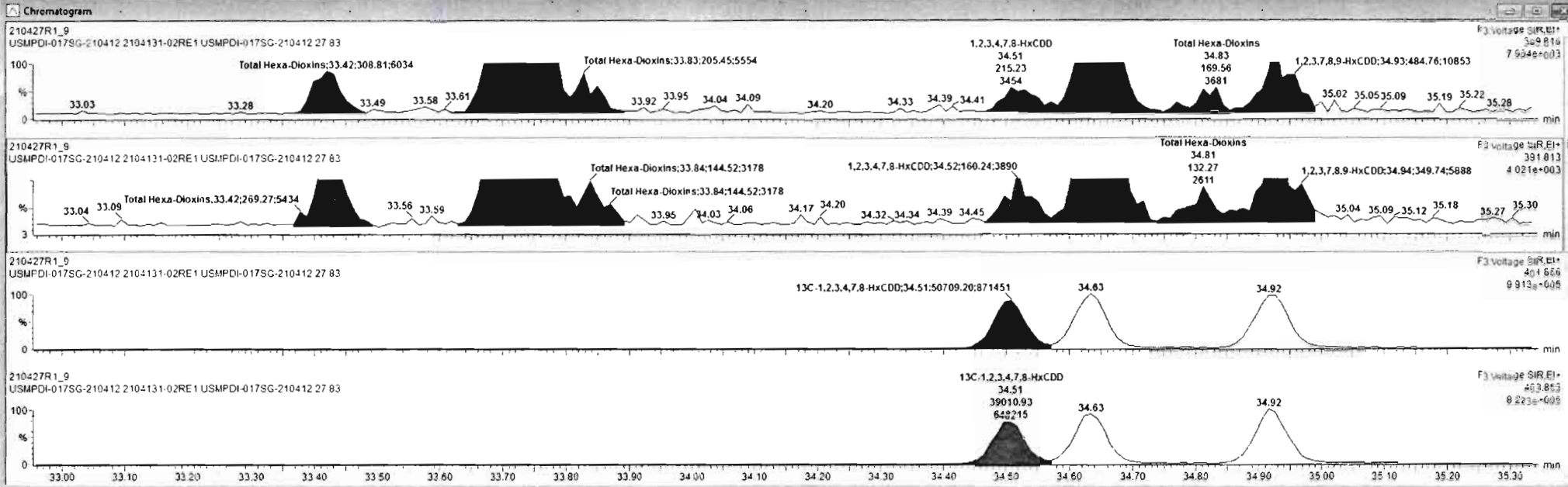


210427R1_9



Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.5291	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.35		0.811	1.64
41 Total Hexa-Dioxins				0.8771	10.023			34.1		0.289	34.1
42 Total Hepta-Dioxins				0.8987	10.023			197		2.12	197
43 Total Tetra-Furans				0.7496	10.023			5.26		0.253	5.26
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.156	7.95
46 Total Hexa-Furans				0.8725	10.023			25.9		0.233	27.6
47 Total Hepta-Furans				1.0481	10.023			49.9		0.620	49.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1 Total Hexa-Dioxins	34.83	1.695e2	1.323e2	1.28	NO	0.67953	0.67953
2 1,2,3,4,7,8-HxCDD	34.51	2.152e2	1.602e2	1.34	NO	0.85871	0.85871
3 1,2,3,7,8,9-HxCDD	34.93	4.848e2	3.497e2	1.39	NO	1.7233	1.7233
4 1,2,3,6,7,8-HxCDD	34.65	1.367e3	1.166e3	1.17	NO	5.6017	5.6017
5 Total Hexa-Dioxins	33.42	3.088e2	2.693e2	1.15	NO	1.3015	1.3015



Ready

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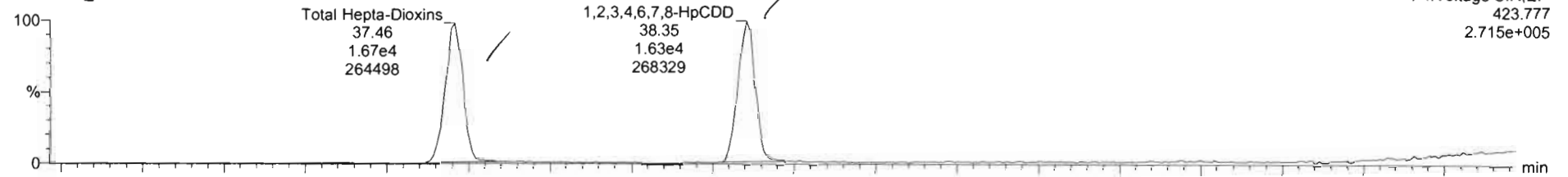
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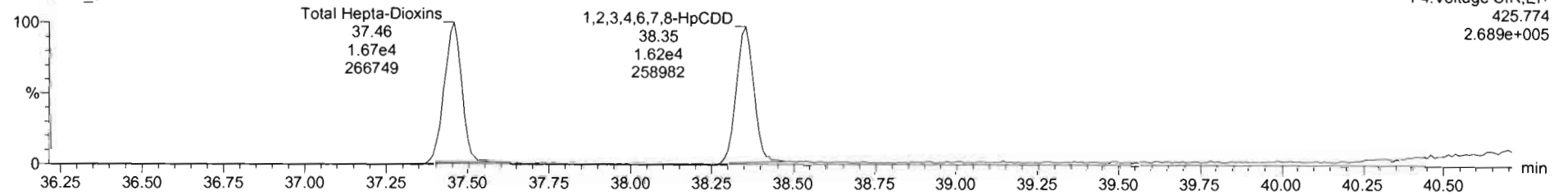
Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

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

210427R1_9

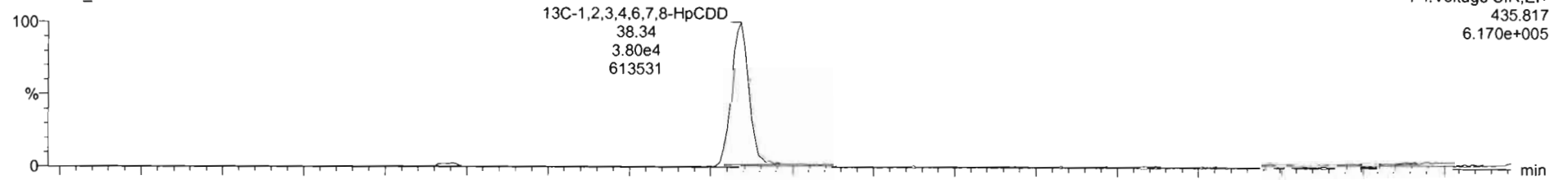


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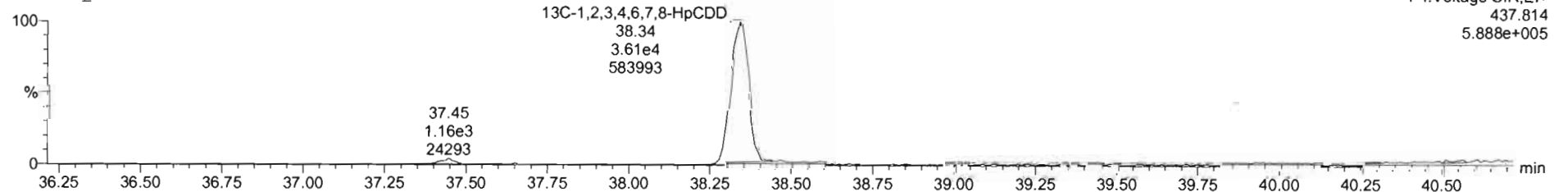


13C-1,2,3,4,6,7,8-HpCDD

210427R1_9



210427R1_9



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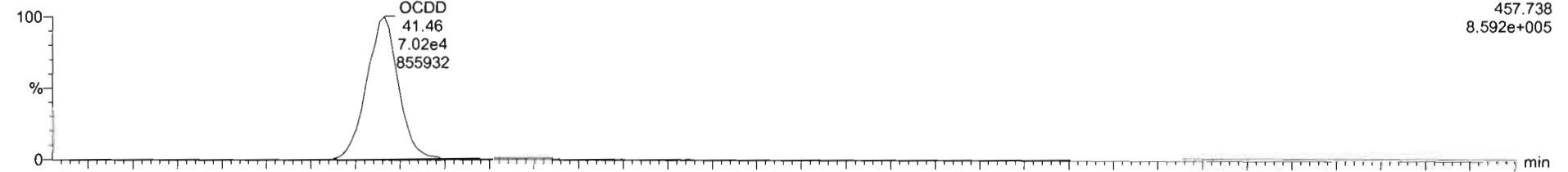
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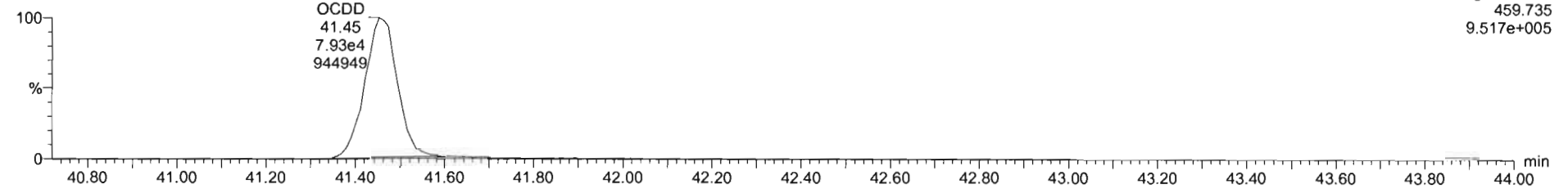
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OCDD

210427R1_9

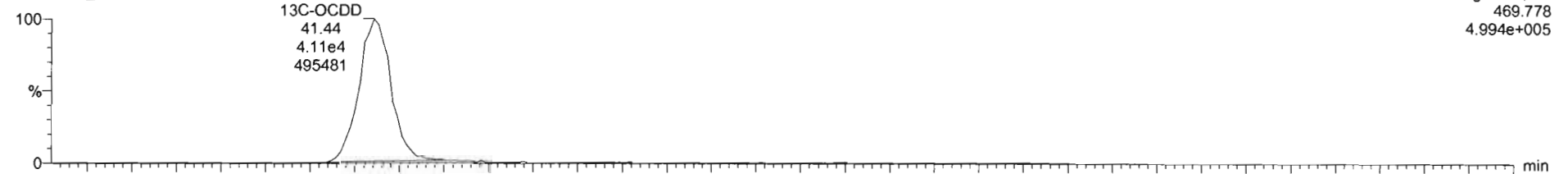


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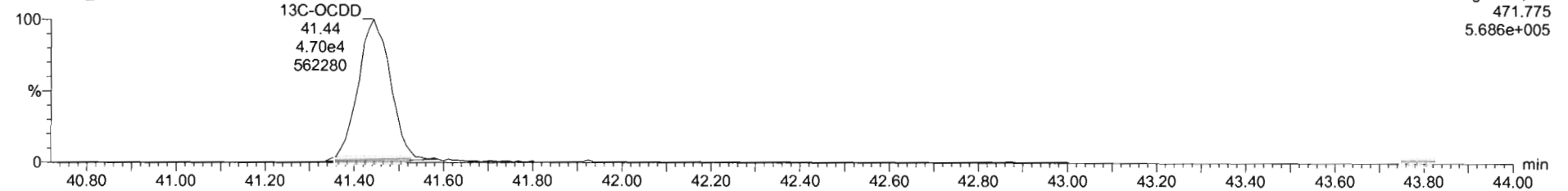


13C-OCDD

210427R1_9



210427R1_9



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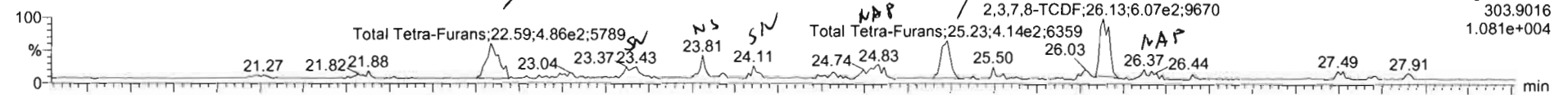
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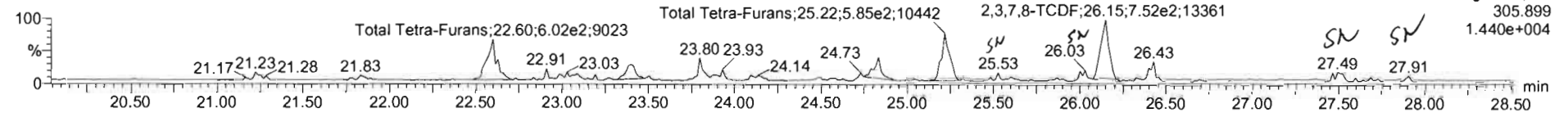
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2,3,7,8-TCDF

210427R1_9

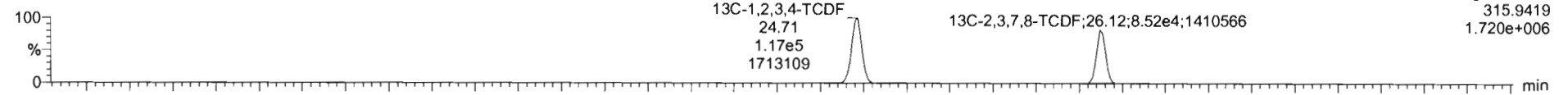


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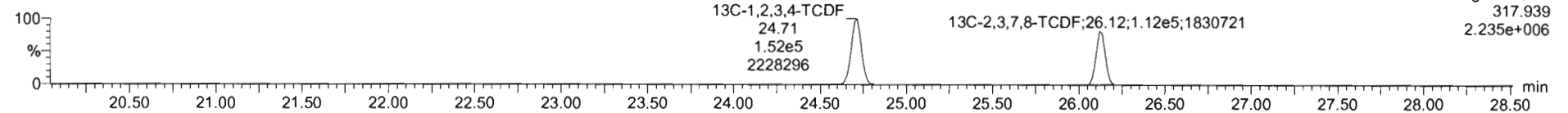


13C-2,3,7,8-TCDF

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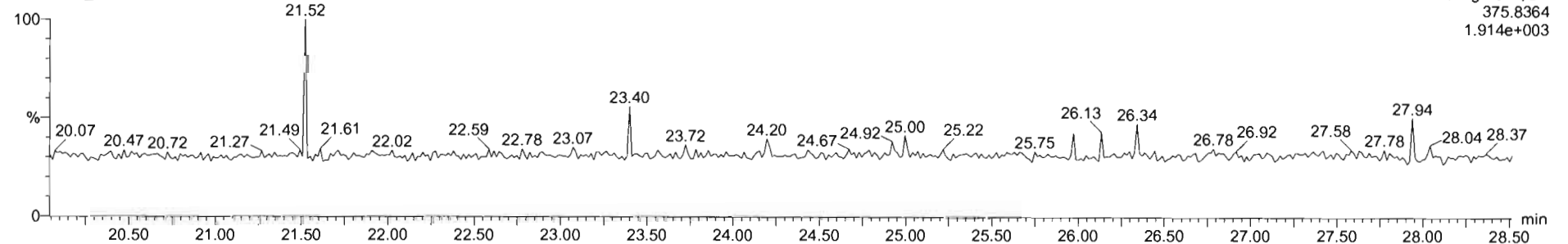


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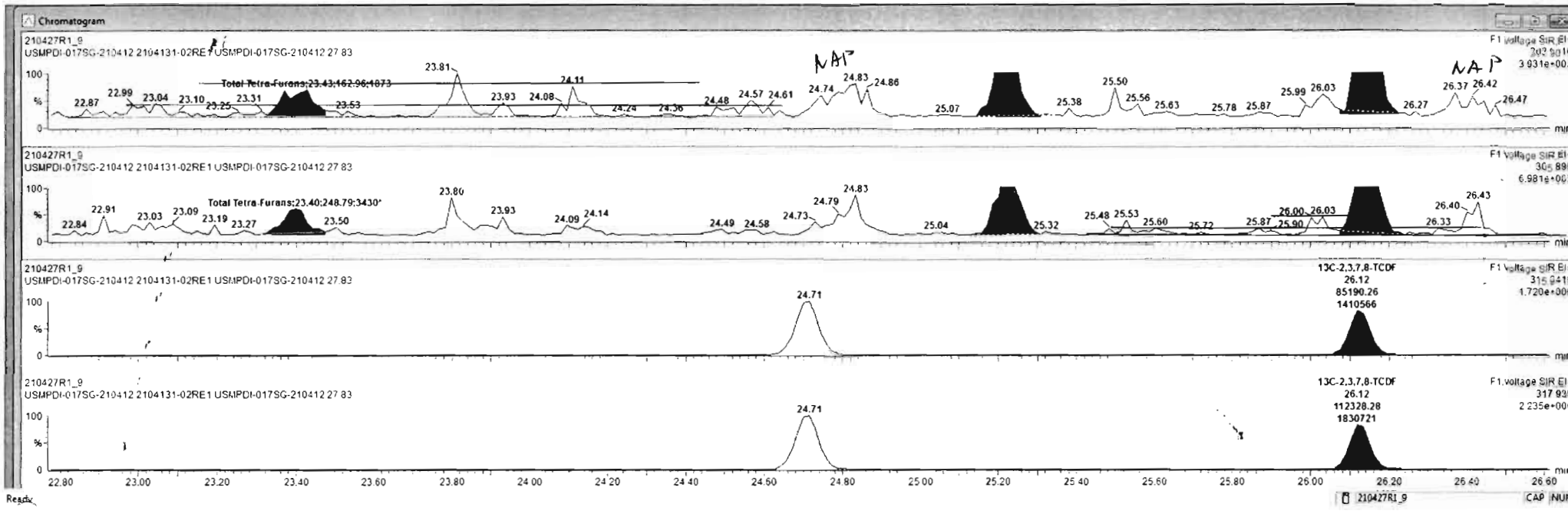
DPE1

210427R1_9



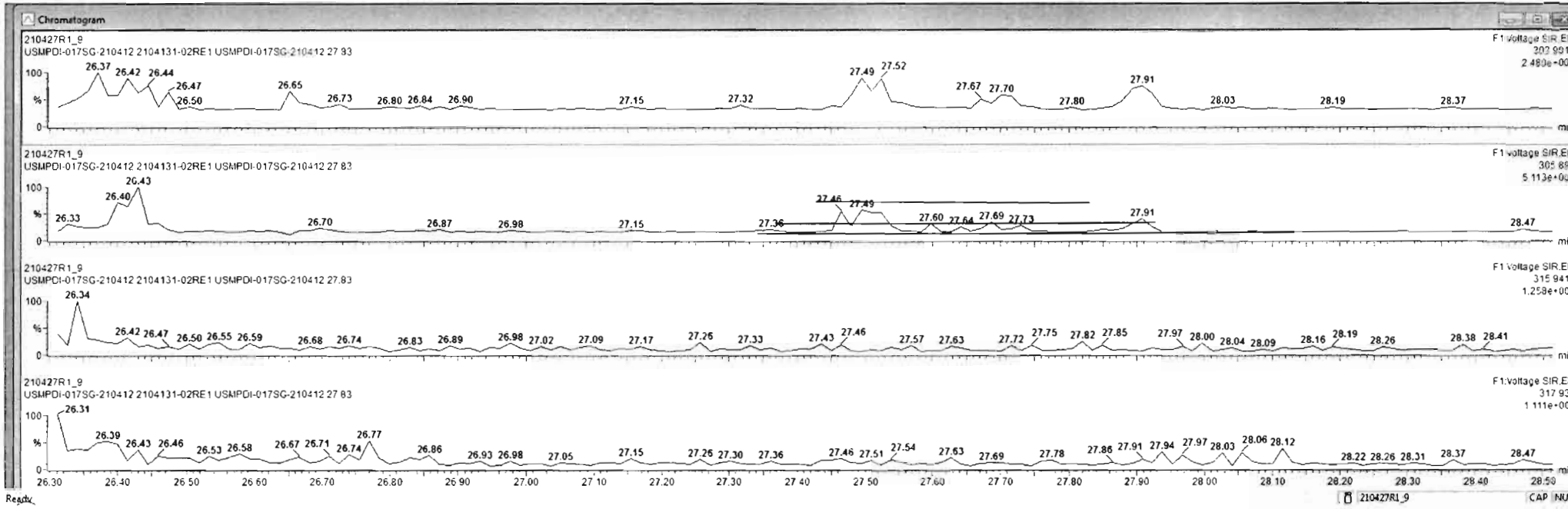
#	Name	Resp	RA	n/y	RRF	wt/wt	RT	RRT	Conc	%Rec	DL	EMPC
39	Total Tetra-Dioxins				0.9291	10.023			1.43	0.147	1.43	
40	Total Penta-Dioxins				0.6257	10.023			1.36	0.611	1.64	
41	Total Hexa-Dioxins				0.8771	10.023			34.1	0.260	34.1	
42	Total Hepta-Dioxins				0.3607	10.023			197	2.12	197	
43	Total Tetra-Furans				0.7466	10.023			5.26	0.253	5.26	
44	1st Func. Penta-Furans				0.8771	10.023			5.99	0.0568	5.99	
45	Total Penta-Furans				0.8771	10.023			4.97	0.156	7.95	
46	Total Hexa-Furans				0.9725	10.023			25.9	0.233	27.5	
47	Total Hepta-Furans				1.0481	10.023			45.9	0.620	45.9	

#	Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1	Total Tetra-Furans	22.59	4.855e2	6.017e2	0.81	NO	1.4713	1.4713
2	2,3,7,8-TCDF	26.13	6.289e2	8.007e2	0.79	NO	1.9344	1.9344
3	Total Tetra-Furans	25.23	4.195e2	5.724e2	0.72	NO	1.3422	1.3422
4	Total Tetra-Furans	23.43	1.630e2	2.171e2	0.75	NO	0.51432	0.51432



Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.023			1.43	0.147	1.43	
40 Total Penta-Dioxins				0.8257	10.023			1.38	0.611	1.64	
41 Total Hexa-Dioxins				0.8771	10.023			34.1	0.260	34.1	
42 Total Hepta-Dioxins				0.8967	10.023			197	2.12	197	
43 Total Tetra-Furans				0.7466	10.023			5.26	0.253	5.26	
44 1st Func. Penta-Furans				0.8771	10.023			5.59	0.0568	5.59	
45 Total Penta-Furans				0.8771	10.023			4.97	0.156	7.95	
46 Total Hexa-Furans				0.9725	10.023			25.9	0.233	27.5	
47 Total Hepta-Furans				1.0451	10.023			45.9	0.620	45.9	

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc.
1 Total Tetra-Furans	22.59	4.856e2	6.017e2	0.61	NO	1.4713	1.4713
2 2,3,7,8-TCDF	26.13	6.289e2	8.907e2	0.79	NO	1.9344	1.9344
3 Total Tetra-Furans	25.23	4.195e2	5.724e2	0.73	NO	1.3422	1.3422
4 Total Tetra-Furans	23.43	1.630e2	2.171e2	0.75	NO	0.51432	0.51432



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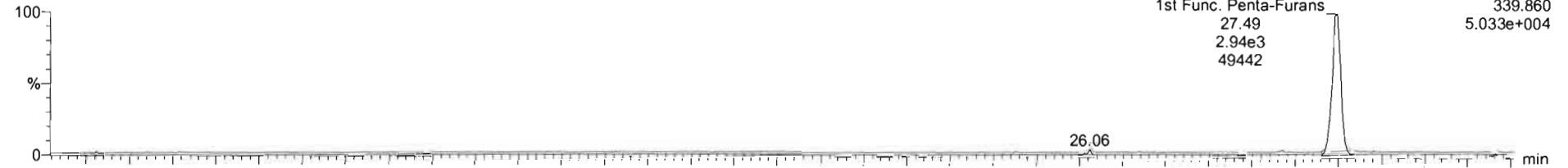
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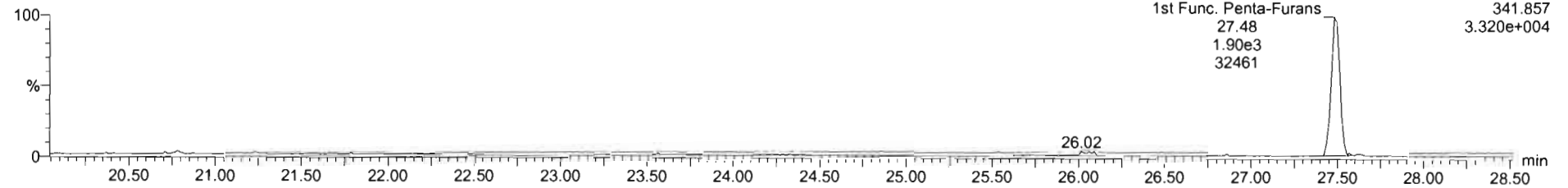
Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

1st Func. Penta-Furans

210427R1_9

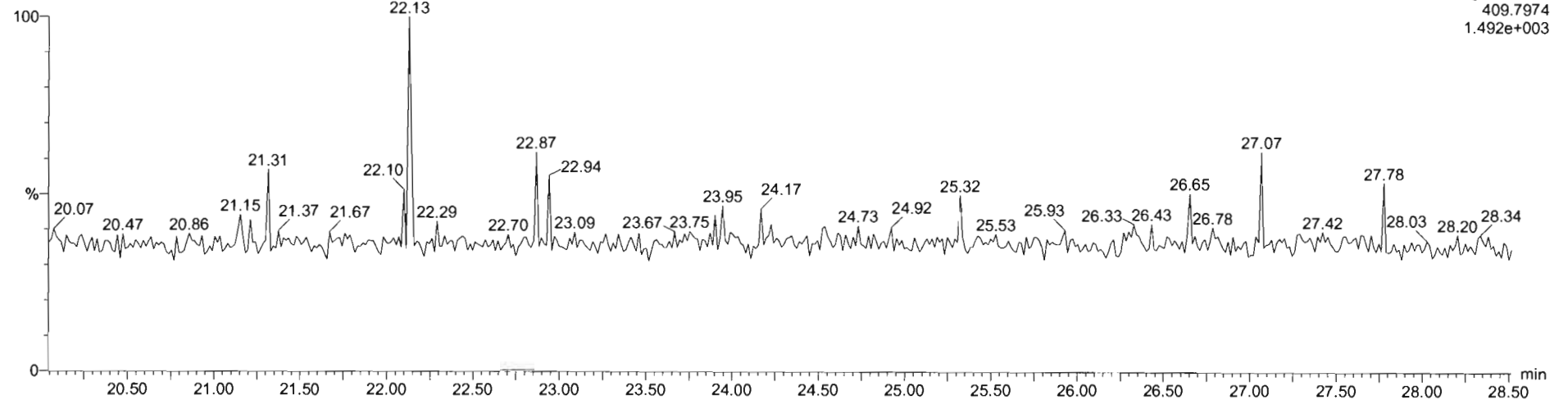


210427R1_9



DPE6

210427R1_9



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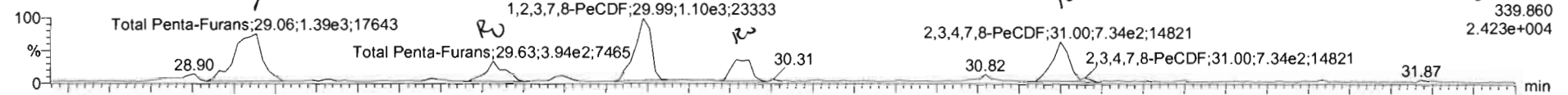
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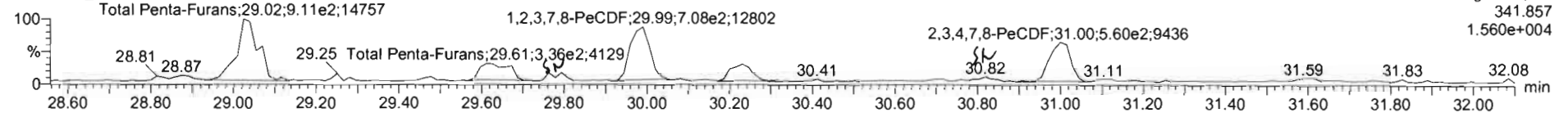
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1,2,3,7,8-PeCDF

210427R1_9

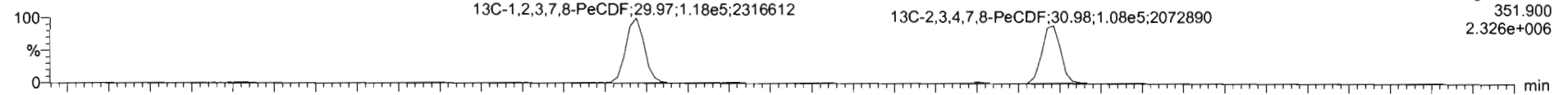


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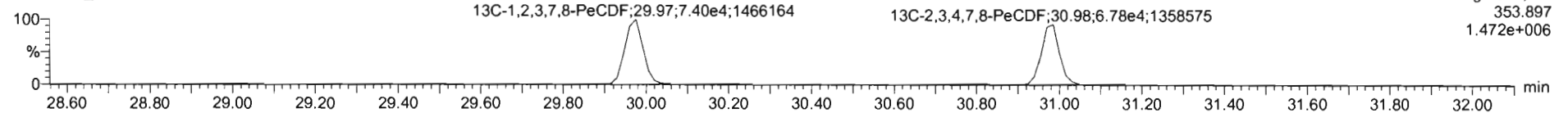


13C-1,2,3,7,8-PeCDF

210427R1_9

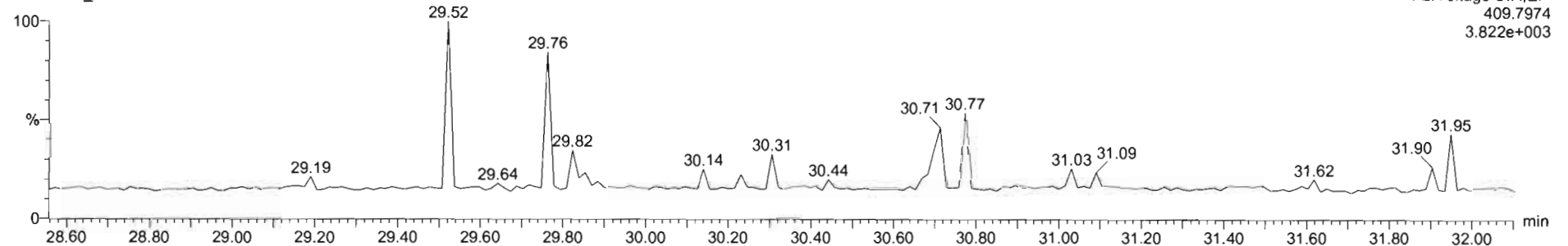


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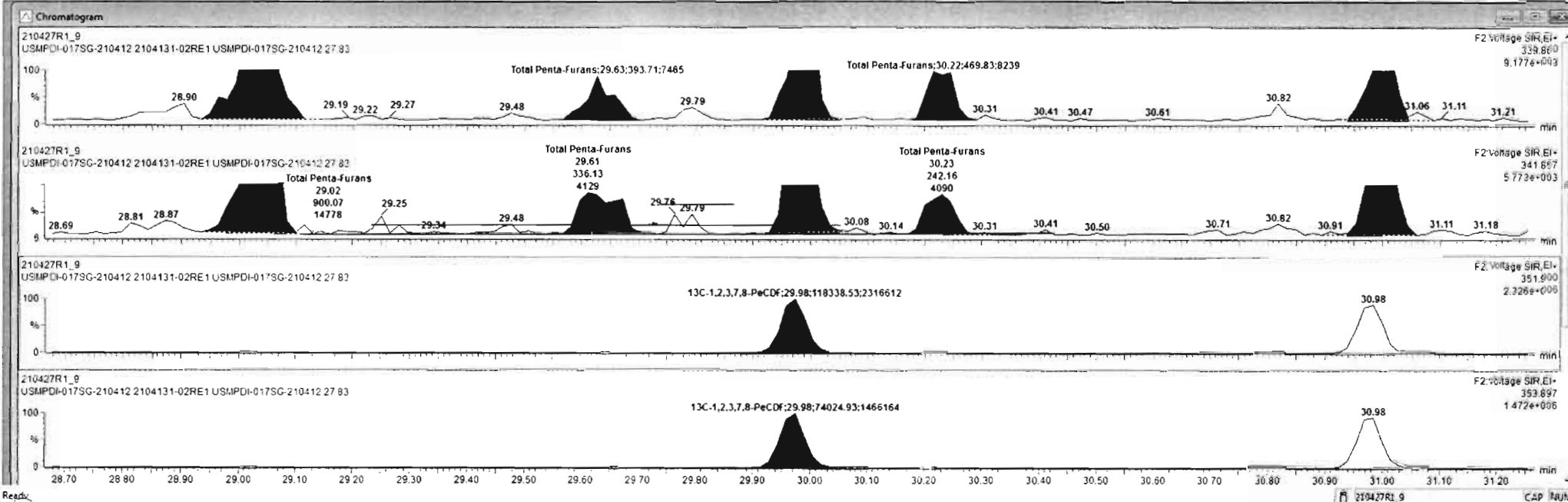
DPE2

210427R1_9



#	Name	Resp	RA	n/y	RRF	wt/Wel	RT	RRT	Conc	%Rec	DL	EMPC
39	Total Tetra-Dioxins				0.9291	10.023			1.43		0.147	1.43
40	Total Penta-Dioxins				0.8257	10.023			1.38		0.611	1.64
41	Total Hexa-Dioxins				0.8771	10.023			34.1		0.280	34.1
42	Total Hepta-Dioxins				0.8987	10.023			197		2.12	197
43	Total Tetra-Furans				0.7466	10.023			4.75		0.263	4.75
44	1st Func. Penta-Furans				0.8771	10.023			5.99		0.568	5.99
45	Total Penta-Furans				0.8771	10.023			4.97		0.159	7.94
46	Total Hexa-Furans				0.3725	10.023			25.9		0.233	27.5
47	Total Hepta-Furans				1.0481	10.023			45.9		0.620	45.9

#	Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1	2,3,4,7,8-PeCDF	31.00	7.197e2	5.604e2	1.28	YES	1.4003	0.00000
2	Total Penta-Furans	30.22	4.899e2	2.422e2	1.94	YES	0.76406	0.00000
3	1,2,3,7,8-PeCDF	29.99	1.102e3	7.215e2	1.53	NO	2.1568	2.1568
4	Total Penta-Furans	29.63	3.937e2	3.361e2	1.17	YES	0.80144	0.00000
5	Total Penta-Furans	29.06	1.375e3	9.001e2	1.53	NO	2.6150	2.6150

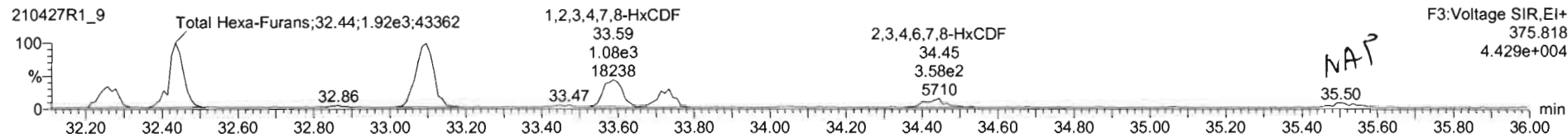
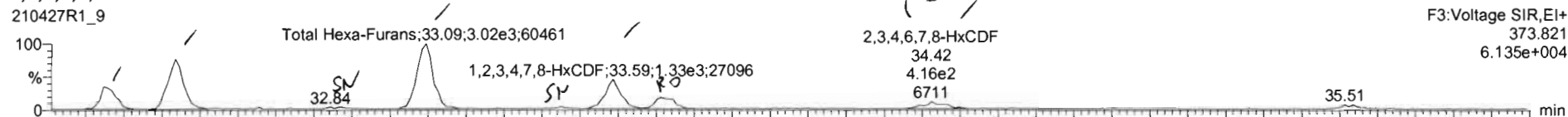


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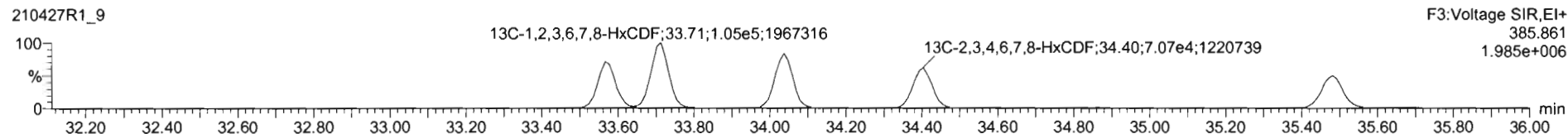
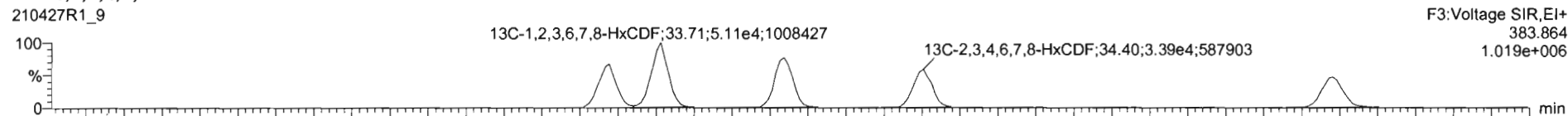
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Name: 210427R1_9, Date: 27-Apr-2021, Time: 15:23:05, ID: 2104131-02RE1 USMPDI-017SG-210412 27.83, Description: USMPDI-017SG-210412

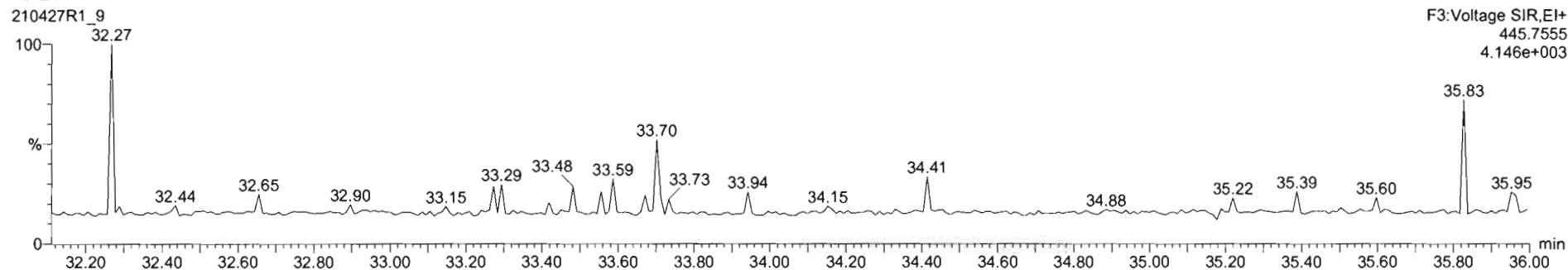
1,2,3,4,7,8-HxCDF



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



DPE3



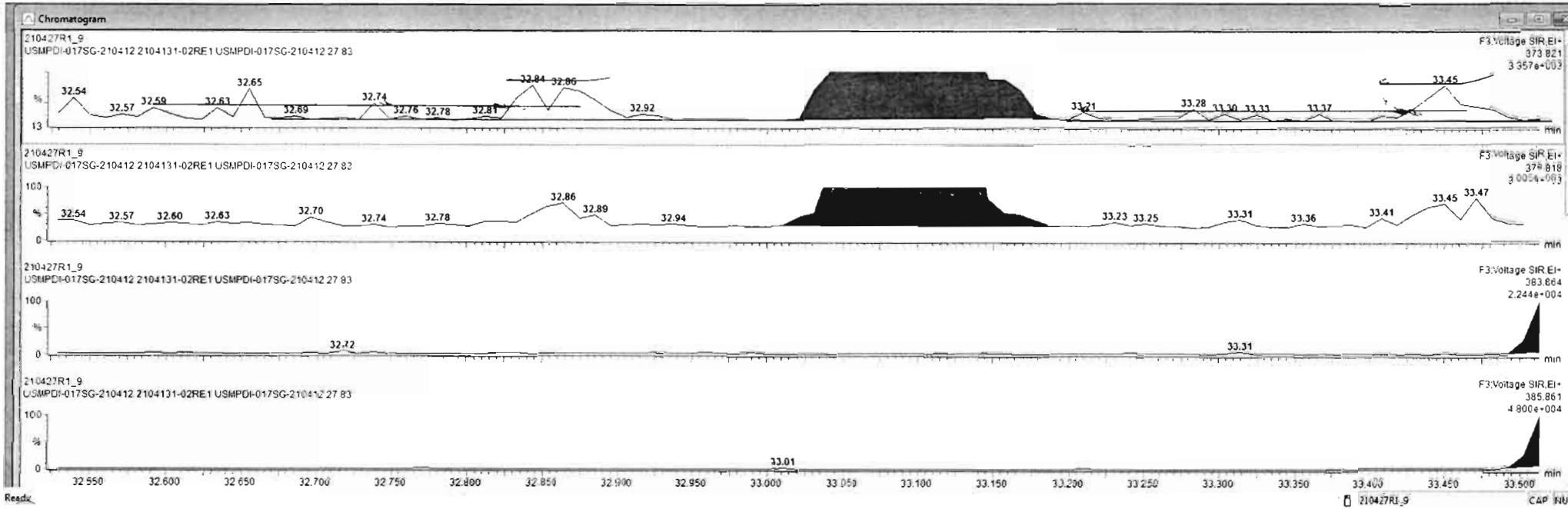
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File Edit View Display Processing Window Help

210427R1_9 - 2104131-02RE1 USMPDI-017SG-210412 27.83 - USMPDI-017SG-210412

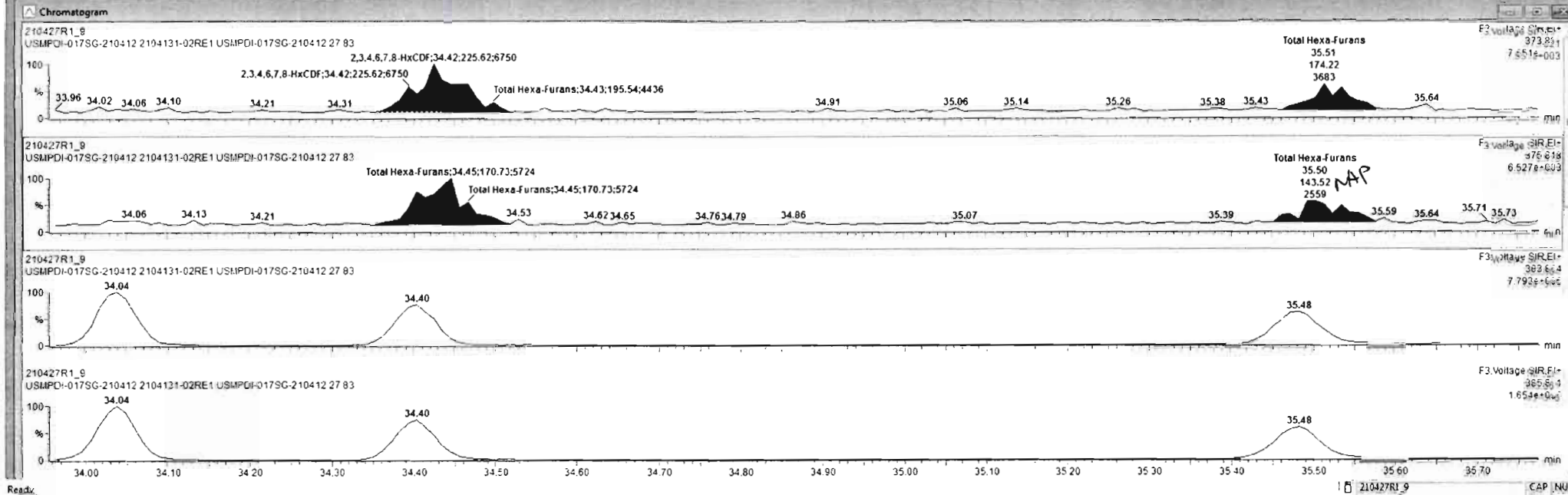
Name	Resp	RA	nly	RRF	w%vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.38		0.811	1.64
41 Total Hexa-Dioxins				0.8771	10.023			34.1		0.260	34.1
42 Total Hepta-Dioxins				0.8987	10.023			197		2.12	197
43 Total Tetra-Furans				0.7468	10.023			4.75		0.253	4.75
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.158	7.94
46 Total Hexa-Furans				0.9725	10.023			25.9		0.233	27.5
47 Total Hepta-Furans				1.0451	10.023			45.9		0.820	45.9

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Hexa-Furans	32.25	1.008e3	7.930e2	1.27	NO	3.1610	3.1610
2 Total Hexa-Furans	32.44	2.242e3	1.881e3	1.19	NO	7.2379	7.2379
3 Total Hexa-Furans	33.10	3.018e3	2.358e3	1.28	NO	9.4248	9.4248
4 1,2,3,4,7,8-HxCDF	33.59	1.326e3	1.083e3	1.22	NO	4.6814	4.6814
5 1,2,3,6,7,8-HxCDF	33.71	6.309e2	6.110e2	1.03	YES	1.5587	0.00000
6 2,3,4,6,7,8-HxCDF	34.42	2.256e2	1.801e2	1.25	NO	0.75663	0.75663
7 Total Hexa-Furans	34.43	1.871e2	1.707e2	1.10	NO	0.82900	0.82900



Name	Resp	RA	n/y	RRF	wt/wt	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9251	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.38		0.911	1.64
41 Total Hexa-Dioxins				0.8771	10.023			34.1		0.280	34.1
42 Total Hepta-Dioxins				0.8987	10.023			197		2.12	197
43 Total Tetra-Furans				0.7466	10.023			4.65		0.253	4.65
44 1st Func. Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.156	7.94
46 Total Hexa-Furans				0.9725	10.023			25.8		0.233	25.1
47 Total Hepta-Furans				1.0451	10.023			45.9		0.620	45.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Hexa-Furans	32.25	1.008e3	7.924e2	1.27	NO	3.1800	3.1500
2 Total Hexa-Furans	32.44	2.242e3	1.881e3	1.19	NO	7.2379	7.2379
3 Total Hexa-Furans	33.10	3.018e3	2.350e3	1.28	NO	9.4246	9.4246
4 1,2,3,4,7,8-HxCDF	33.59	1.326e3	1.083e3	1.22	NO	4.6814	4.6814
5 1,2,3,6,7,8-HxCDF	33.71	6.309e2	6.110e2	1.03	YES	1.5587	0.00000
6 2,3,4,6,7,8-HxCDF	34.42	2.256e2	1.752e2	1.29	NO	0.79605	0.79605
7 Total Hexa-Furans	34.43	1.945e2	1.707e2	1.15	NO	0.84796	0.00000



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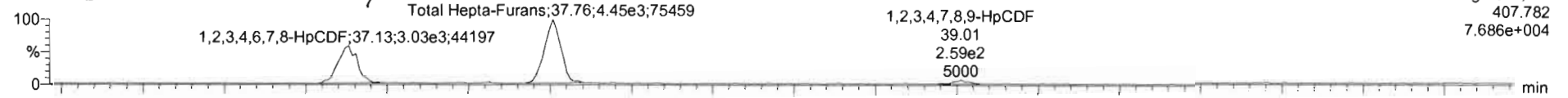
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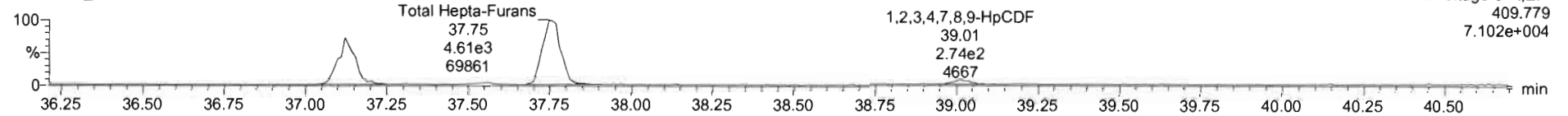
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1,2,3,4,6,7,8-HpCDF

210427R1_9

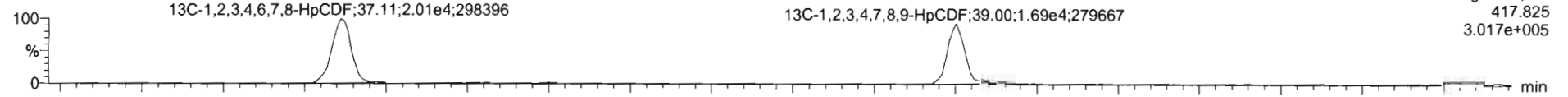


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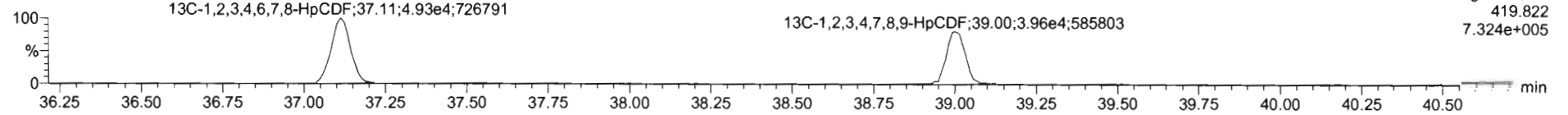


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210427R1_9

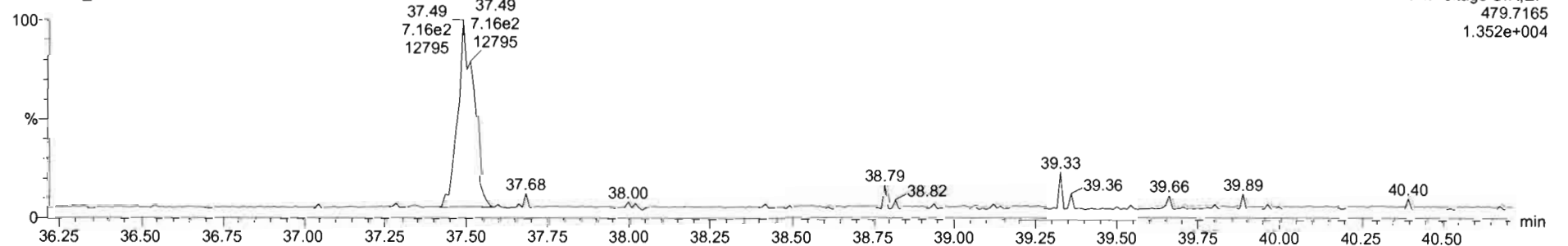


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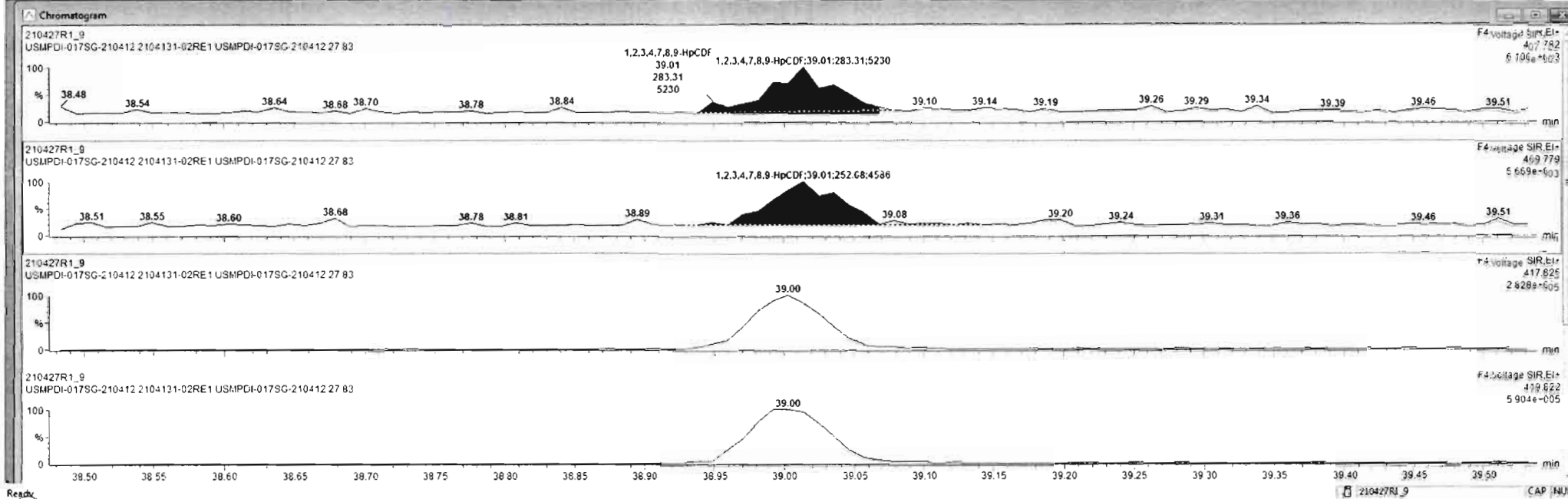
DPE4

210427R1_9



Name	Resp	RA	n/y	RRF	wt/Vol	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9291	10.023			1.43		0.147	1.43
40 Total Penta-Dioxins				0.8257	10.023			1.36		0.571	1.64
41 Total Hexa-Dioxins				0.8771	10.023			34.1		0.265	34.1
42 Total Hepta-Dioxins				0.3957	10.023			197		2.12	157
43 Total Tetra-Furans				0.7466	10.023			4.65		0.252	4.65
44 1st Func Penta-Furans				0.8771	10.023			5.99		0.0568	5.99
45 Total Penta-Furans				0.8771	10.023			4.97		0.156	7.94
46 Total Hexa-Furans				0.9725	10.023			25.3		0.233	27.5
47 Total Hepta-Furans				1.0481	10.023			45.5		0.620	45.9

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 1,2,3,4,6,7,8-HpCDF	37.13	3.033e3	3.052e3	0.99	NO	16.681	16.681
2 Total Hepta-Furans	37.76	4.449e3	4.613e3	0.95	NO	27.396	27.396
3 1,2,3,4,7,8,9-HpCDF	39.01	2.833e2	2.521e2	1.12	NO	1.8066	1.8066



Dataset: Untitled

Last Altered: Thursday, April 29, 2021 10:49:46 Pacific Daylight Time
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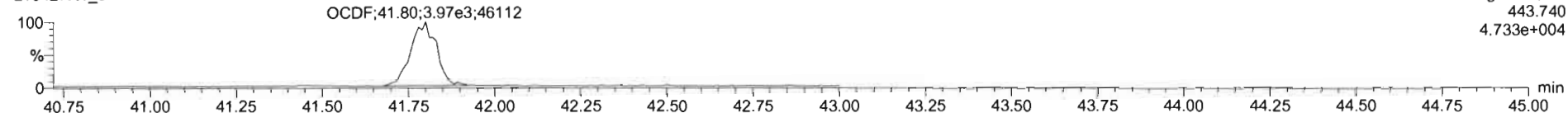
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OCDF

210427R1_9

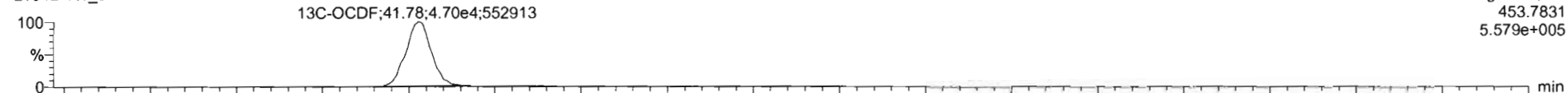


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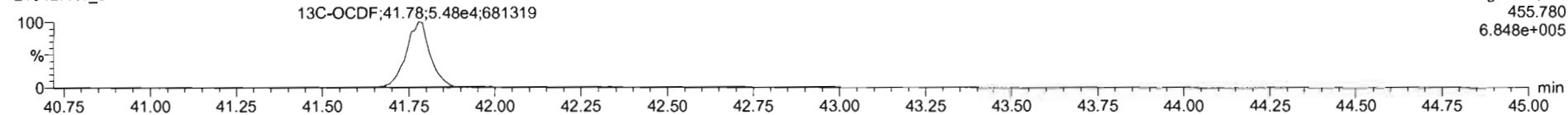


13C-OCDF

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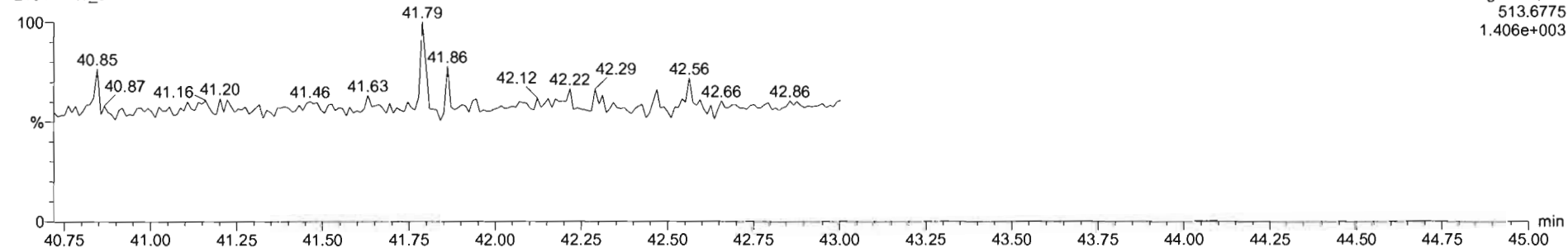


210427R1_9



DPE5

210427R1_9



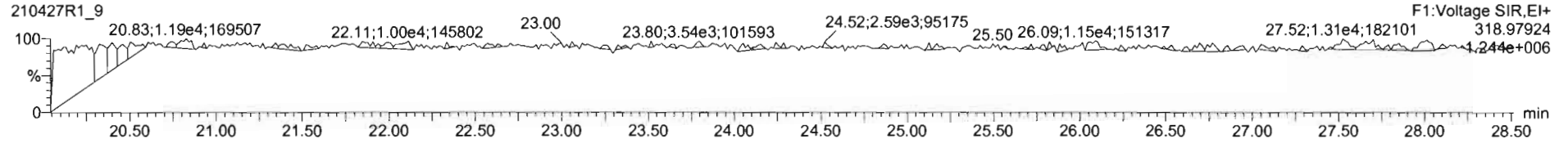
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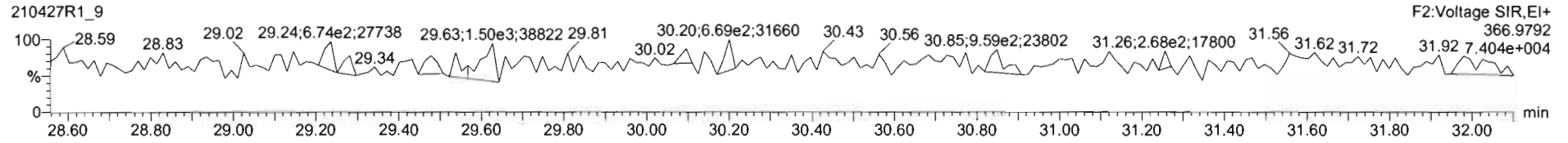
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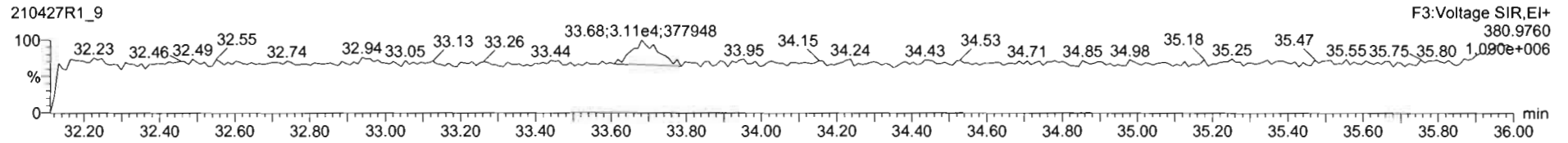
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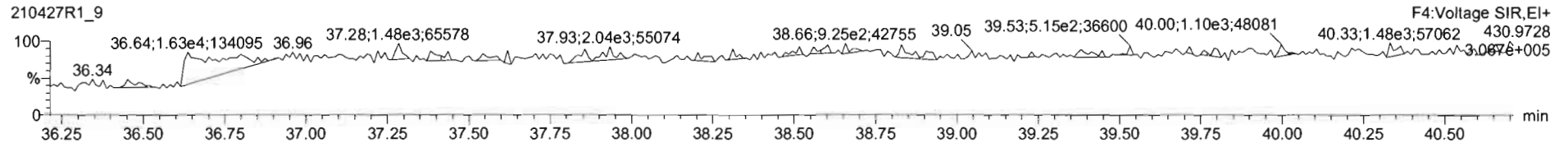
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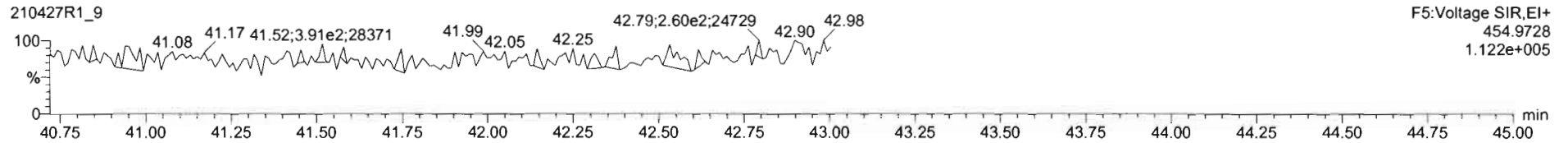
PFK3



PFK4



PFK5



Dataset: U:\VG12.PRO\Results\210421R2\210421R2_16.qld

Last Altered: Friday, May 07, 2021 15:34:21 Pacific Daylight Time
Printed: Friday, May 07, 2021 15:36:19 Pacific Daylight Time

HW 05/07/21

Method: Untitled 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

0705/17/2021

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

#	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												0.135	
2	2 1,2,3,7,8-PeCDD	6.11e2	0.99	YES	0.826	10.189	31.197	31.18	1.001	1.000	0.67010		0.422	0.548
3	3 1,2,3,4,7,8-HxCDD	6.68e2	1.47	YES	0.972	10.189	34.540	34.53	1.001	1.000	0.80507		0.469	0.731
4	4 1,2,3,6,7,8-HxCDD	2.46e3	1.23	NO	0.877	10.189	34.655	34.65	1.001	1.001	3.0042		0.503	3.00
5	5 1,2,3,7,8,9-HxCDD	1.62e3	1.27	NO	0.874	10.189	34.947	34.95	1.000	1.000	1.8884		0.476	1.89
6	6 1,2,3,4,6,7,8-HpCDD	3.97e4	1.00	NO	0.899	10.189	38.311	38.31	1.000	1.000	58.955		1.13	59.0
7	7 OCDD	2.22e5	0.88	NO	0.852	10.189	41.346	41.35	1.000	1.000	582.14		0.920	582
8	8 2,3,7,8-TCDF	3.11e3	0.80	NO	0.747	10.189	26.152	26.18	1.000	1.001	1.7135		0.162	1.71
9	9 1,2,3,7,8-PeCDF	6.93e3	1.46	NO	0.877	10.189	29.978	30.00	1.000	1.001	4.8378		0.251	4.84
10	10 2,3,4,7,8-PeCDF	2.79e3	1.57	NO	0.962	10.189	31.007	31.01	1.001	1.001	1.8921		0.246	1.89
11	11 1,2,3,4,7,8-HxCDF	2.36e4	1.26	NO	0.920	10.189	33.586	33.60	1.000	1.001	22.766		0.287	22.8
12	12 1,2,3,6,7,8-HxCDF	5.74e3	1.26	NO	0.936	10.189	33.743	33.73	1.001	1.000	4.6205		0.243	4.62
13	13 2,3,4,6,7,8-HxCDF	6.65e2	1.63	YES	0.973	10.189	34.435	34.42	1.001	1.000	0.61340		0.302	0.522
14	14 1,2,3,7,8,9-HxCDF	4.18e2	1.30	NO	0.940	10.189	35.493	35.51	1.000	1.001	0.53416		0.477	0.534
15	15 1,2,3,4,6,7,8-HpCDF	1.26e4	1.03	NO	1.05	10.189	37.109	37.11	1.000	1.001	18.019		0.583	18.0
16	16 1,2,3,4,7,8,9-HpCDF	2.08e3	0.97	NO	1.05	10.189	38.939	38.95	1.000	1.001	4.1800		0.755	4.18
17	17 OCDF	1.76e4	0.88	NO	0.771	10.189	41.671	41.68	1.000	1.000	44.049		0.632	44.0
18	18 13C-2,3,7,8-TCDD	2.85e5	0.76	NO	1.10	10.189	26.761	26.77	1.027	1.027	181.73	92.6	0.221	
19	19 13C-1,2,3,7,8-PeCDD	2.17e5	0.62	NO	0.864	10.189	31.157	31.17	1.196	1.196	176.58	90.0	0.349	
20	20 13C-1,2,3,4,7,8-HxCDD	1.67e5	1.28	NO	0.746	10.189	34.517	34.52	1.014	1.014	192.29	98.0	0.852	
21	21 13C-1,2,3,6,7,8-HxCDD	1.83e5	1.27	NO	0.847	10.189	34.636	34.63	1.017	1.017	185.13	94.3	0.751	
22	22 13C-1,2,3,7,8,9-HxCDD	1.93e5	1.28	NO	0.868	10.189	34.936	34.94	1.026	1.026	190.48	97.0	0.733	
23	23 13C-1,2,3,4,6,7,8-HpCDD	1.47e5	1.04	NO	0.664	10.189	38.289	38.30	1.125	1.125	189.85	96.7	1.28	
24	24 13C-OCDD	1.76e5	0.91	NO	0.561	10.189	41.241	41.34	1.211	1.214	268.77	68.5	0.707	
25	25 13C-2,3,7,8-TCDF	4.78e5	0.77	NO	1.09	10.189	26.149	26.15	1.003	1.003	219.06	112	0.314	
26	26 13C-1,2,3,7,8-PeCDF	3.21e5	1.63	NO	0.809	10.189	29.883	29.98	1.147	1.150	198.58	101	0.951	
27	27 13C-2,3,4,7,8-PeCDF	3.01e5	1.61	NO	0.803	10.189	30.847	30.99	1.184	1.189	187.97	95.8	0.959	
28	28 13C-1,2,3,4,7,8-HxCDF	2.21e5	0.50	NO	1.01	10.189	33.587	33.58	0.987	0.986	187.43	95.5	0.638	
29	29 13C-1,2,3,6,7,8-HxCDF	2.60e5	0.50	NO	1.07	10.189	33.717	33.72	0.990	0.990	207.93	106	0.601	
30	30 13C-2,3,4,6,7,8-HxCDF	2.19e5	0.50	NO	0.910	10.189	34.408	34.41	1.011	1.011	206.13	105	0.709	
31	31 13C-1,2,3,7,8,9-HxCDF	1.64e5	0.49	NO	0.828	10.189	35.487	35.48	1.042	1.042	169.22	86.2	0.779	

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_16.qld

Last Altered: Friday, May 07, 2021 15:34:21 Pacific Daylight Time
Printed: Friday, May 07, 2021 15:36:19 Pacific Daylight Time

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

	# 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	1.31e5	0.41	NO	0.661	10.189	37.098	37.09	1.090	1.089	169.62	86.4	0.937	
33	33 13C-1,2,3,4,7,8,9-HpCDF	9.34e4	0.40	NO	0.566	10.189	38.861	38.93	1.141	1.143	141.53	72.1	1.09	
34	34 13C-OCDF	2.03e5	0.85	NO	0.663	10.189	41.629	41.66	1.223	1.224	263.26	67.1	0.627	
35	35 37Cl-2,3,7,8-TCDD	2.62e5			2.07	10.189	26.962	26.78	1.035	1.028	89.254	114	0.0459	
36	36 13C-1,2,3,4-TCDD	2.79e5	0.78	NO	1.00	10.189	26.070	26.06	1.000	1.000	196.29	100	0.244	
37	37 13C-1,2,3,4-TCDF	3.91e5	0.79	NO	1.00	10.189	24.760	24.74	1.000	1.000	196.29	100	0.344	
38	38 13C-1,2,3,4,6,9-HxCDF	2.29e5	0.51	NO	1.00	10.189	34.040	34.05	1.000	1.000	196.29	100	0.645	
39	39 Total Tetra-Dioxins				0.929	10.189	24.620		0.000		1.2754		0.135	1.66
40	40 Total Penta-Dioxins				0.826	10.189	29.960		0.000		1.3852		0.422	3.56
41	41 Total Hexa-Dioxins				0.877	10.189	33.635		0.000		23.977		0.498	24.7
42	42 Total Hepta-Dioxins				0.899	10.189	37.640		0.000		120.71		1.13	121
43	43 Total Tetra-Furans				0.747	10.189	23.610		0.000		5.4887		0.162	5.95
44	44 1st Func. Penta-Furans				0.877	10.189	27.490		0.000		3.9176		0.0870	3.92
45	45 Total Penta-Furans				0.877	10.189	29.275		0.000		12.502		0.260	12.5
46	46 Total Hexa-Furans				0.973	10.189	33.555		0.000		43.648		0.304	45.0
47	47 Total Hepta-Furans				1.05	10.189	37.835		0.000		47.893		0.654	47.9

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_16.qld

Last Altered: Friday, May 07, 2021 15:34:21 Pacific Daylight Time

Printed: Friday, May 07, 2021 15:36:19 Pacific Daylight Time

Method: Untitled 16 Apr 2021 14:01:39

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

Tetra-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Dioxins	23.40	6.008e3	8.525e3	3.726e2	5.572e2	0.67	NO	9.299e2	0.68851	0.68851	0.135
2	Total Tetra-Dioxins	23.71	3.806e3	4.803e3	3.019e2	2.934e2	1.03	YES	0.000e0	0.00000	0.38458	0.135
3	Total Tetra-Dioxins	26.53	6.165e3	8.070e3	3.616e2	4.311e2	0.84	NO	7.926e2	0.58689	0.58689	0.135

Penta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Dioxins	29.01	9.722e3	9.941e3	6.118e2	8.296e2	0.74	YES	0.000e0	0.00000	1.4822	0.422
2	Total Penta-Dioxins	29.48	4.915e3	7.275e3	2.002e2	3.274e2	0.61	NO	5.277e2	0.57842	0.57842	0.422
3	Total Penta-Dioxins	30.44	5.708e3	6.442e3	2.861e2	4.500e2	0.64	NO	7.360e2	0.80681	0.80681	0.422
4	1,2,3,7,8-PeCDD	31.18	6.578e3	5.677e3	3.045e2	3.068e2	0.99	YES	6.113e2	0.00000	0.54825	0.422
5	Total Penta-Dioxins	31.26	2.901e3	2.076e3	1.303e2	8.049e1	1.62	YES	0.000e0	0.00000	0.14381	0.422

Hexa-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Dioxins	32.80	6.178e4	5.291e4	3.164e3	2.627e3	1.20	NO	5.791e3	7.1571	7.1571	0.498
2	Total Hexa-Dioxins	33.43	9.226e3	9.425e3	5.437e2	4.576e2	1.19	NO	1.001e3	1.2375	1.2375	0.498
3	Total Hexa-Dioxins	33.74	7.375e4	6.064e4	4.701e3	3.948e3	1.19	NO	8.650e3	10.690	10.690	0.498
4	1,2,3,4,7,8-HxCDD	34.53	7.336e3	5.633e3	3.970e2	2.706e2	1.47	YES	6.676e2	0.00000	0.73088	0.469
5	1,2,3,6,7,8-HxCDD	34.65	2.692e4	1.555e4	1.354e3	1.101e3	1.23	NO	2.455e3	3.0042	3.0042	0.503
6	1,2,3,7,8,9-HxCDD	34.95	1.612e4	1.224e4	9.082e2	7.141e2	1.27	NO	1.622e3	1.8884	1.8884	0.476

Hepta-Dioxins

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hepta-Dioxins	37.44	4.307e5	4.392e5	2.115e4	2.044e4	1.03	NO	4.159e4	61.751	61.751	1.13
2	1,2,3,4,6,7,8-HpCDD	38.31	3.773e5	3.767e5	1.988e4	1.983e4	1.00	NO	3.971e4	58.955	58.955	1.13

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_16.qld

Last Altered: Friday, May 07, 2021 15:34:21 Pacific Daylight Time

Printed: Friday, May 07, 2021 15:36:19 Pacific Daylight Time

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

Tetra-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Tetra-Furans	21.30	1.917e3	2.284e3	1.216e2	1.892e2	0.64	YES	0.000e0	0.00000	0.15383	0.162
2	Total Tetra-Furans	22.65	1.403e4	1.974e4	9.857e2	1.349e3	0.73	NO	2.335e3	1.2856	1.2856	0.162
3	Total Tetra-Furans	23.44	5.918e3	8.310e3	4.047e2	4.957e2	0.82	NO	9.003e2	0.49568	0.49568	0.162
4	Total Tetra-Furans	24.85	6.695e3	9.172e3	5.231e2	6.641e2	0.79	NO	1.187e3	0.65358	0.65358	0.162
5	Total Tetra-Furans	25.28	1.347e4	1.919e4	9.641e2	1.165e3	0.83	NO	2.129e3	1.1719	1.1719	0.162
6	Total Tetra-Furans	26.05	4.950e3	6.004e3	2.821e2	3.107e2	0.91	YES	0.000e0	0.00000	0.30273	0.162
7	2,3,7,8-TCDF	26.18	2.176e4	2.985e4	1.387e3	1.726e3	0.80	NO	3.112e3	1.7135	1.7135	0.162
8	Total Tetra-Furans	27.51	2.247e3	3.571e3	1.289e2	1.770e2	0.73	NO	3.059e2	0.16844	0.16844	0.162

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	27.51	6.229e4	4.058e4	3.385e3	2.056e3	1.65	NO	5.441e3	3.9176	3.9176	0.0870

Penta-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Penta-Furans	29.07	4.095e4	2.895e4	2.670e3	1.960e3	1.36	NO	4.629e3	3.3331	3.3331	0.260
2	Total Penta-Furans	29.64	9.989e3	8.194e3	7.192e2	5.009e2	1.44	NO	1.220e3	0.87843	0.87843	0.260
3	1,2,3,7,8-PeCDF	30.00	7.619e4	4.338e4	4.117e3	2.814e3	1.46	NO	6.931e3	4.8378	4.8378	0.251
4	Total Penta-Furans	30.23	1.997e4	1.580e4	9.811e2	6.937e2	1.41	NO	1.675e3	1.2058	1.2058	0.260
5	Total Penta-Furans	30.82	5.929e3	5.213e3	2.814e2	2.117e2	1.33	NO	4.931e2	0.35499	0.35499	0.260
6	2,3,4,7,8-PeCDF	31.01	3.248e4	1.699e4	1.707e3	1.085e3	1.57	NO	2.792e3	1.8921	1.8921	0.246

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_16.qld

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Printed: Friday, May 07, 2021 15:36:19 Pacific Daylight Time

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

Hexa-Furans

	Name	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	Total Hexa-Furans	32.26	2.026e4	1.764e4	1.094e3	8.567e2	1.28	NO	1.950e3	1.8229	1.8229	0.304
2	Total Hexa-Furans	32.45	7.893e4	6.719e4	3.663e3	2.961e3	1.24	NO	6.624e3	6.1908	6.1908	0.304
3	Total Hexa-Furans	33.10	8.517e4	6.445e4	4.091e3	3.174e3	1.29	NO	7.265e3	6.7902	6.7902	0.304
4	1,2,3,4,7,8-HxCDF	33.60	2.556e5	1.968e5	1.317e4	1.043e4	1.26	NO	2.360e4	22.766	22.766	0.287
5	1,2,3,6,7,8-HxCDF	33.73	6.166e4	4.850e4	3.203e3	2.536e3	1.26	NO	5.739e3	4.6205	4.6205	0.243
6	2,3,4,6,7,8-HxCDF	34.42	1.086e4	8.363e3	4.120e2	2.528e2	1.63	YES	6.648e2	0.00000	0.52245	0.302
7	Total Hexa-Furans	34.46	1.292e4	9.370e3	6.027e2	4.047e2	1.49	YES	0.000e0	0.00000	0.84734	0.304
8	1,2,3,7,8,9-HxCDF	35.51	7.599e3	6.953e3	2.367e2	1.815e2	1.30	NO	4.182e2	0.53416	0.53416	0.477
9	Total Hexa-Furans	35.53	1.292e4	8.774e3	5.741e2	4.143e2	1.39	NO	9.884e2	0.92377	0.92377	0.304

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	37.11	1.072e5	1.065e5	6.376e3	6.207e3	1.03	NO	1.258e4	18.019	18.019	0.583
2	Total Hepta-Furans	37.73	1.472e5	1.410e5	7.822e3	7.559e3	1.03	NO	1.538e4	25.694	25.694	0.654
3	1,2,3,4,7,8,9-HpCDF	38.95	1.858e4	1.797e4	1.026e3	1.054e3	0.97	NO	2.080e3	4.1800	4.1800	0.755

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Printed: Friday, April 23, 2021 13:23:38 Pacific Daylight Time

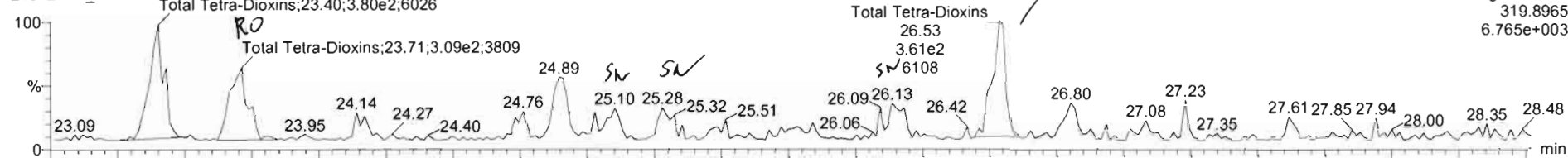
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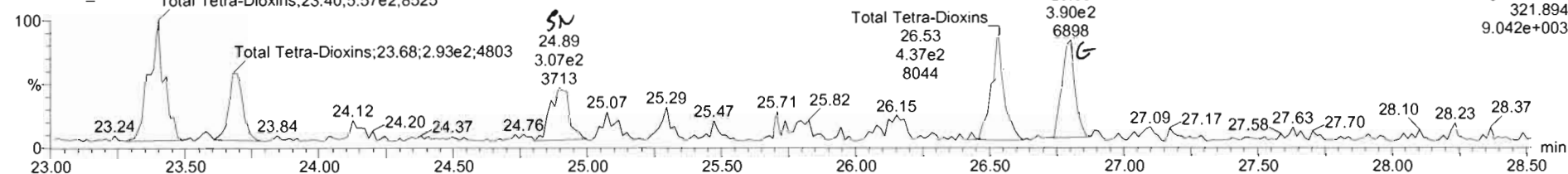
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210421R2_16



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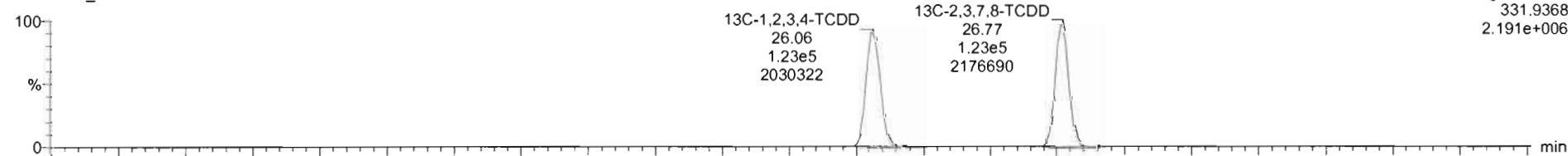
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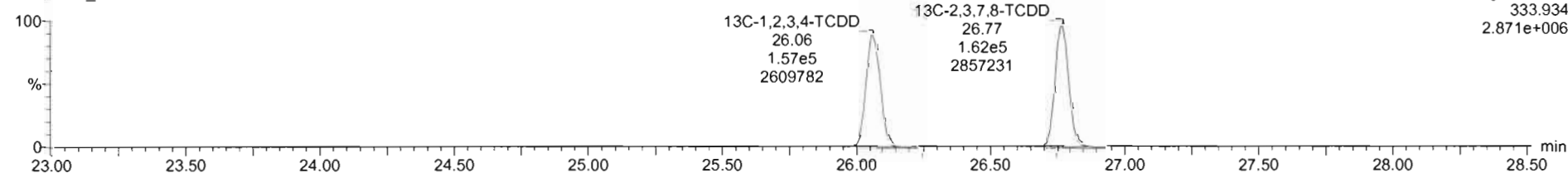
13C-2,3,7,8-TCDD

210421R2_16



F1:Voltage SIR,EI+
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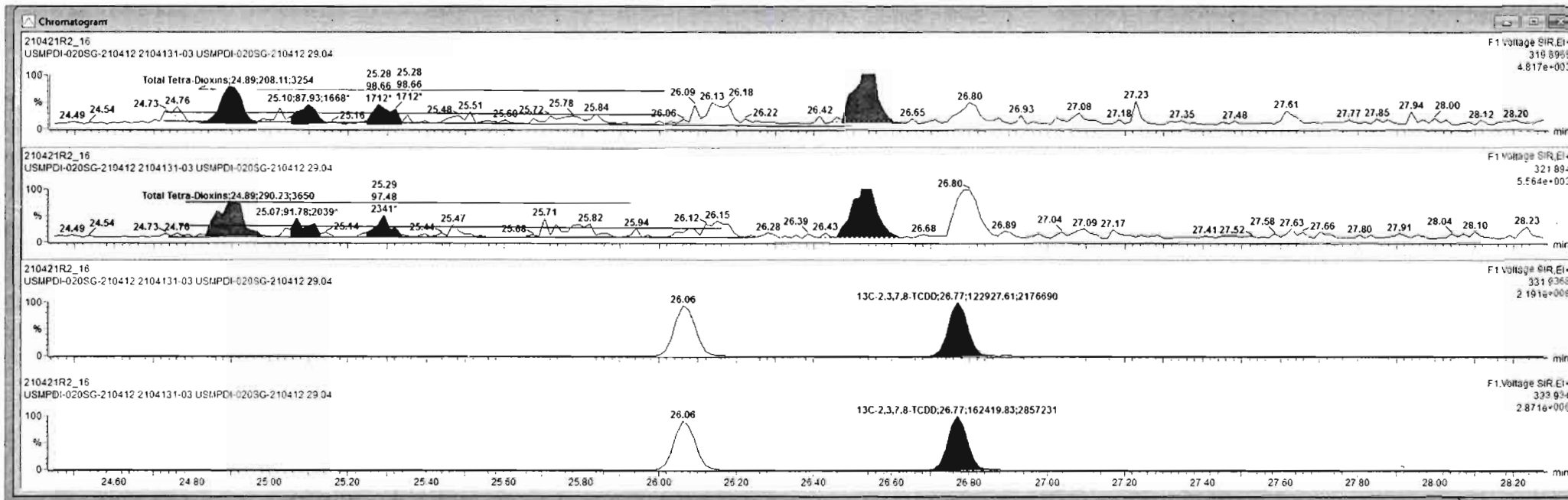
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F1:Voltage SIR,EI+
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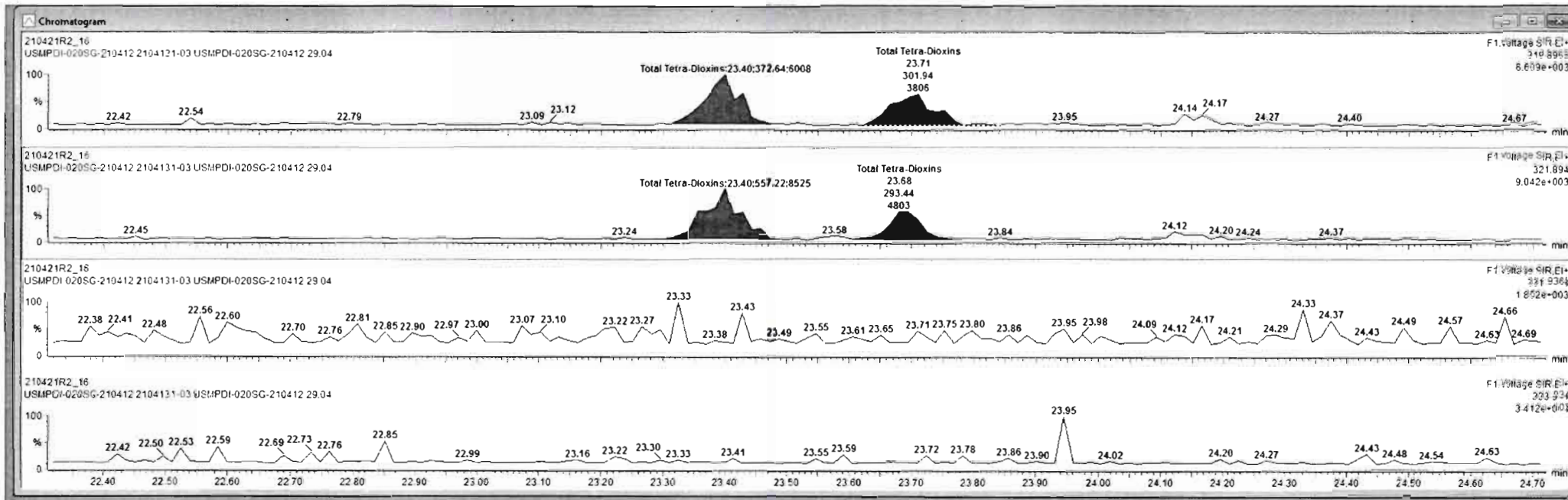
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1 2,3,7,8-TCDD											
2 1,2,3,7,8-PeCDD	6.01e2	0.96	YES	0.0257	10.189	31.18	1.000	0.659		0.422	0.540
3 1,2,3,4,7,8-HxCDD	6.68e2	1.47	YES	0.0725	10.189	34.53	1.000	0.805		0.469	0.731
4 1,2,3,6,7,8-HxCDD	2.45e3	1.23	NO	0.0771	10.189	34.65	1.001	2.99		0.503	2.95
5 1,2,3,7,8,9-HxCDD	1.59e3	1.34	NO	0.0759	10.189	34.95	1.000	1.84		0.476	1.34
6 1,2,3,4,6,7,8-HpCDD	3.97e4	1.00	NO	0.0587	10.189	38.31	1.000	59.0		1.13	59.0
7 OCDD	2.22e5	0.88	NO	0.0524	10.189	41.35	1.000	582		0.920	532
8 2,3,7,8-TCDF	3.11e3	0.80	NO	0.7468	10.189	26.18	1.001	1.71		0.162	1.71
9 1,2,3,7,8-PeCDF	7.09e3	1.45	NO	0.08771	10.189	30.00	1.001	4.95		0.251	4.95
10 1,2,3,4,7,8-PeCDF	2.78e3	1.56	NO	0.9621	10.189	31.01	1.001	1.88		0.246	1.88

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Dioxins	23.40	3.728e2	5.572e2	0.67	NO	0.68851	0.68851
2 Total Tetra-Dioxins	23.71	3.019e2	2.934e2	1.03	YES	0.38458	0.00000
3 Total Tetra-Dioxins	24.89	2.081e2	2.902e2	0.72	NO	0.36899	0.36899
4 Total Tetra-Dioxins	26.53	3.615e2	4.311e2	0.84	NO	0.58609	0.58609



Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD				0.0257	10.189					0.145	
2 1,2,3,4,7,8-PeCDD	6.68e2	1.47	YES	0.9725	10.189	24.53	1.000	0.805		0.469	0.731
4 1,2,3,6,7,8-HxCDD	2.45e3	1.23	NO	0.8771	10.189	24.65	1.001	2.99		0.503	2.96
5 1,2,3,7,8,9-HxCDD	1.59e3	1.34	NO	0.8739	10.189	24.95	1.000	1.84		0.476	1.84
6 1,2,3,4,6,7,8-HpCDD	3.97e4	1.00	NO	0.9987	10.129	28.21	1.000	59.0		1.13	59.0
7 OCDD	2.22e5	0.88	NO	0.8524	10.189	41.35	1.000	582		0.920	582
8 2,3,7,8-TCDF	3.11e3	0.80	NO	0.7468	10.189	28.18	1.001	1.71		0.162	1.71
9 1,2,3,7,8-PeCDF	7.09e2	1.45	NO	0.8771	10.189	30.00	1.001	4.95		0.251	4.95
10 1,2,3,4,7,8-PeCDF	2.78e3	1.56	NO	0.9621	10.189	31.01	1.001	1.88		0.246	1.88

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Dioxins	23.40	3.726e2	5.572e2	0.67	NO	0.88861	0.88861
2 Total Tetra-Dioxins	23.71	3.019e2	2.934e2	1.03	YES	0.30458	0.00000
3 Total Tetra-Dioxins	26.53	3.616e2	4.311e2	0.84	NO	0.58689	0.58689



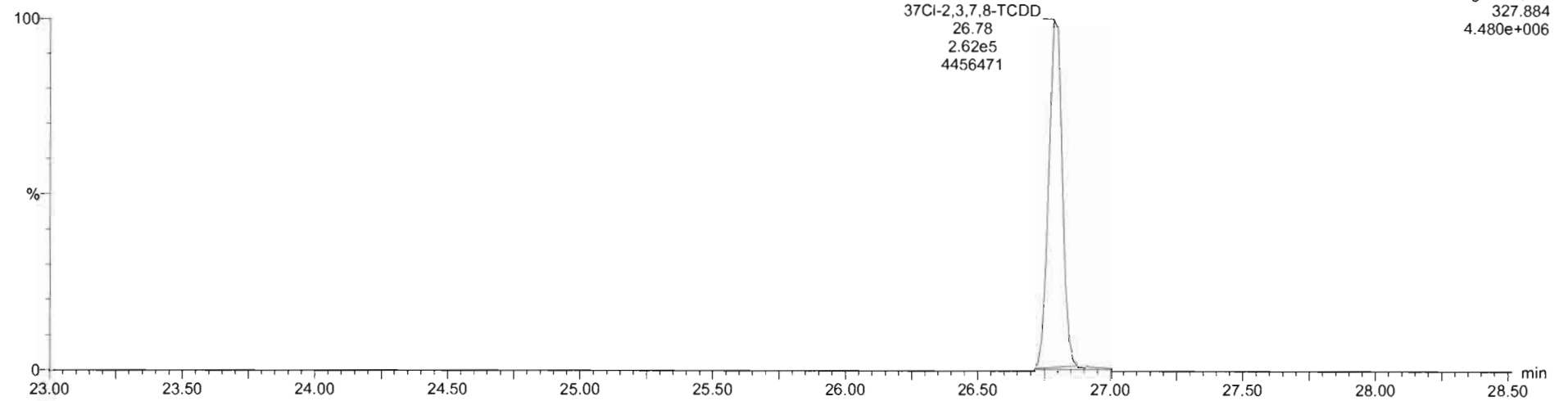
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Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

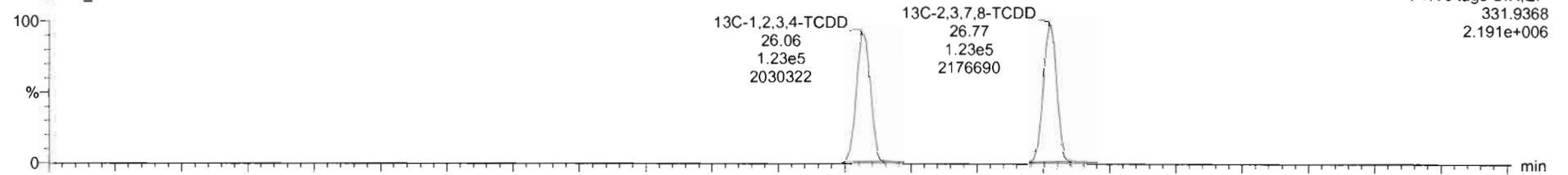
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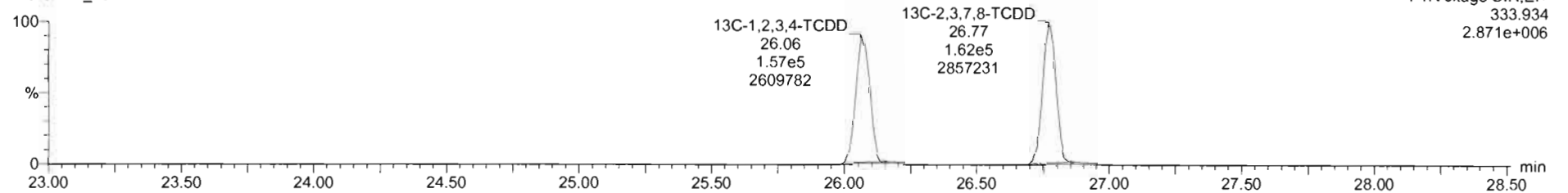


13C-1,2,3,4-TCDD

210421R2_16



210421R2_16



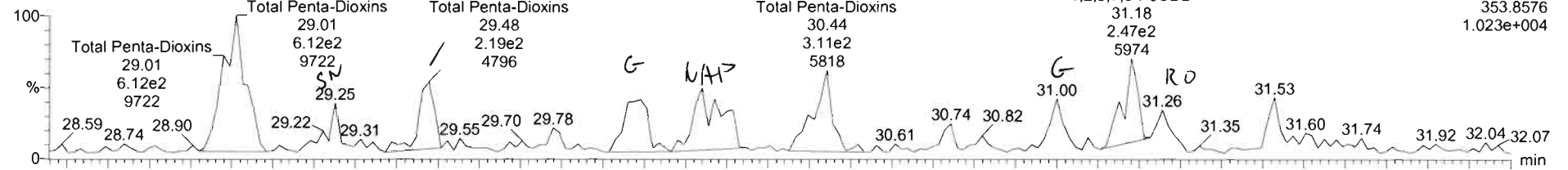
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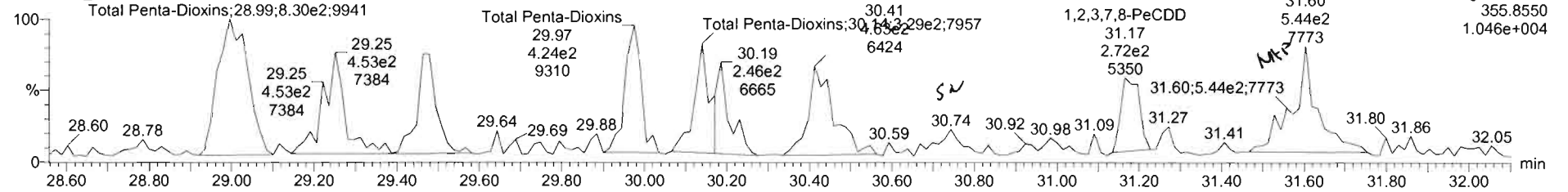
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210421R2_16



F2:Voltage SIR,EI+
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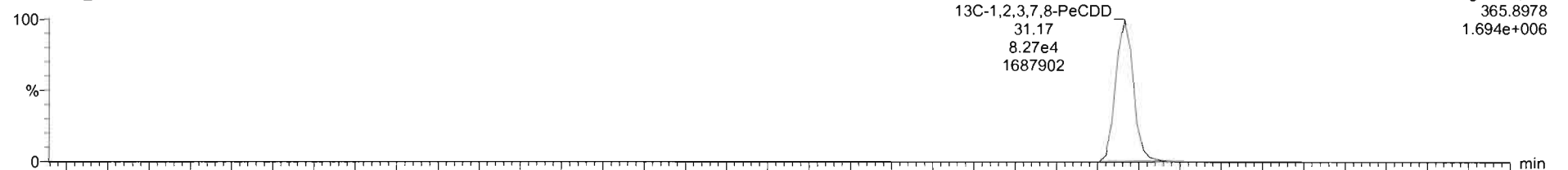
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F2:Voltage SIR,EI+
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1.046e+004

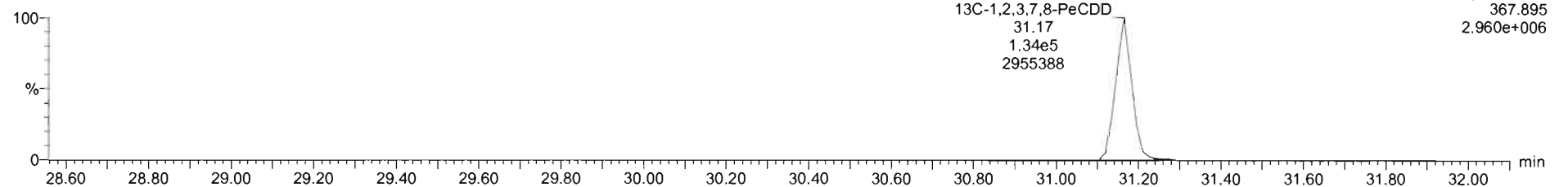
13C-1,2,3,7,8-PeCDD

210421R2_16



F2:Voltage SIR,EI+
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210421R2_16

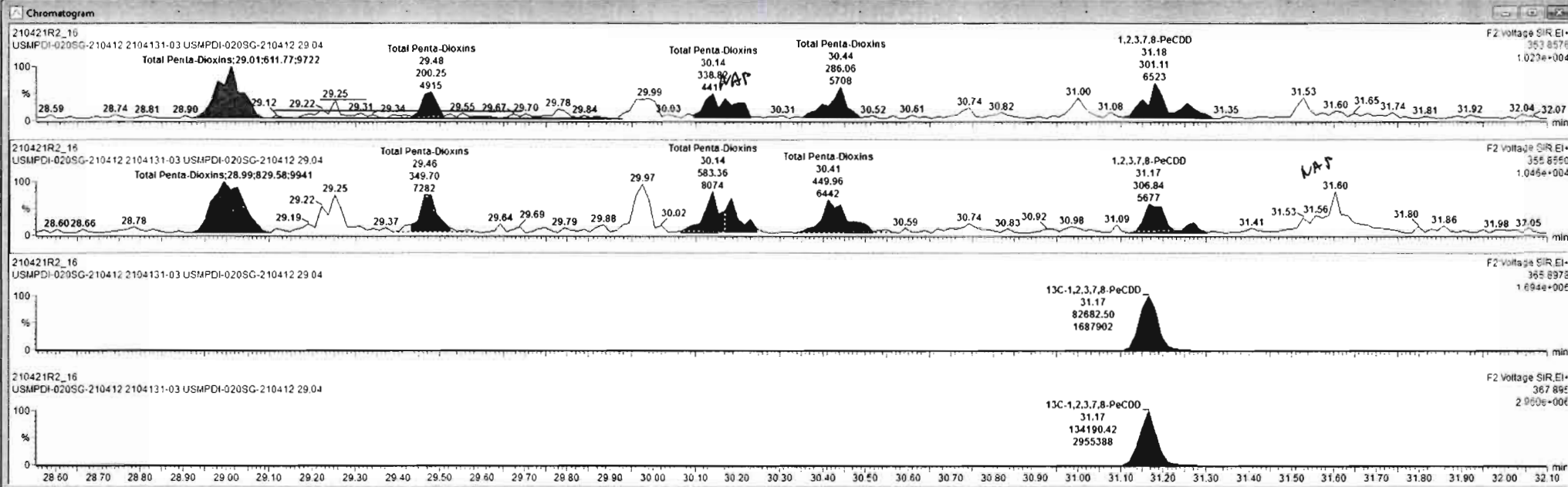


F2:Voltage SIR,EI+
367.895
2.960e+006

210421R2_16 - 2104131-03 USMPDI-020SG-210412 29 04 - USMPDI-020SG-210412

Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
40 Total Penta-Dioxins				0.8257	10.189			1.41		0.422	4.59
41 Total Hexa-Dioxins				0.8771	10.189			23.9		0.495	25.3
42 Total Hepta-Dioxins				0.8987	10.189			121		1.12	121
43 Total Tetra-Furans				0.7466	10.189			6.24		0.162	6.96
44 1st Func. Penta-Furans				0.8771	10.189			3.92		0.0370	3.92
45 Total Penta-Furans				0.8771	10.189			12.3		0.265	13.3
46 Total Hexa-Furans				0.9725	10.189			43.6		0.304	44.2
47 Total Hepta-Furans				1.0461	10.189			47.9		0.654	47.9
48 PFK1											
49 PFK2											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Penta-Dioxins	29.01	6.115e2	8.296e2	0.74	YES	1.4822	0.00000
2 Total Penta-Dioxins	29.48	2.002e2	3.497e2	0.57	NO	0.60283	0.60283
3 Total Penta-Dioxins	30.14	3.388e2	5.834e2	0.58	NO	1.0109	0.00000
4 Total Penta-Dioxins	30.44	2.861e2	4.500e2	0.64	NO	0.80681	0.80681
5 1,2,3,7,8-PeCDD	31.18	3.011e2	3.066e2	0.98	YES	0.54805	0.00000



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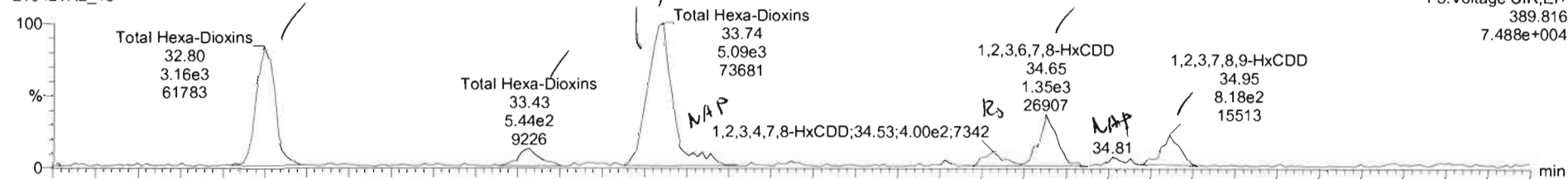
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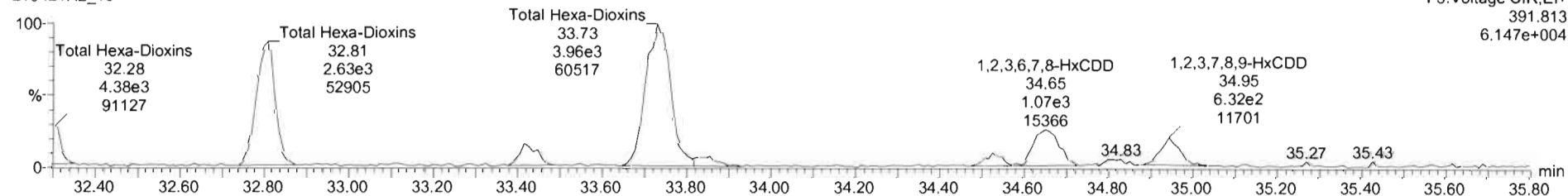
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1,2,3,4,7,8-HxCDD

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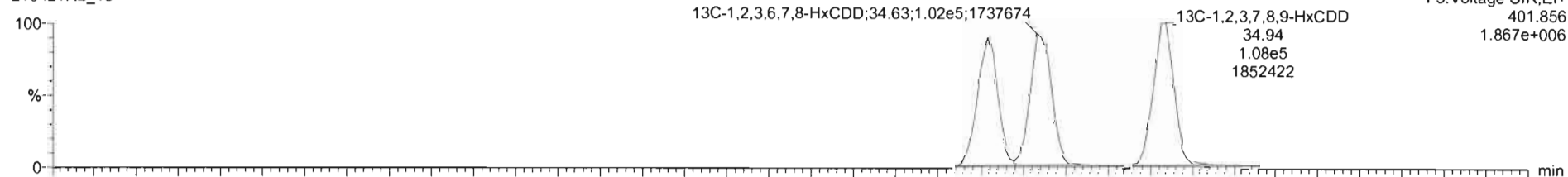


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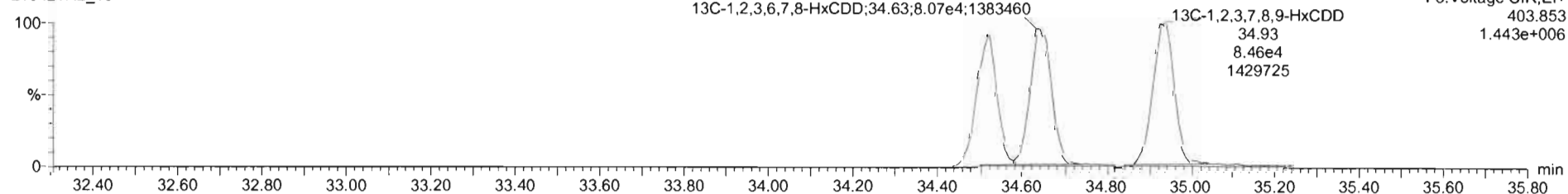


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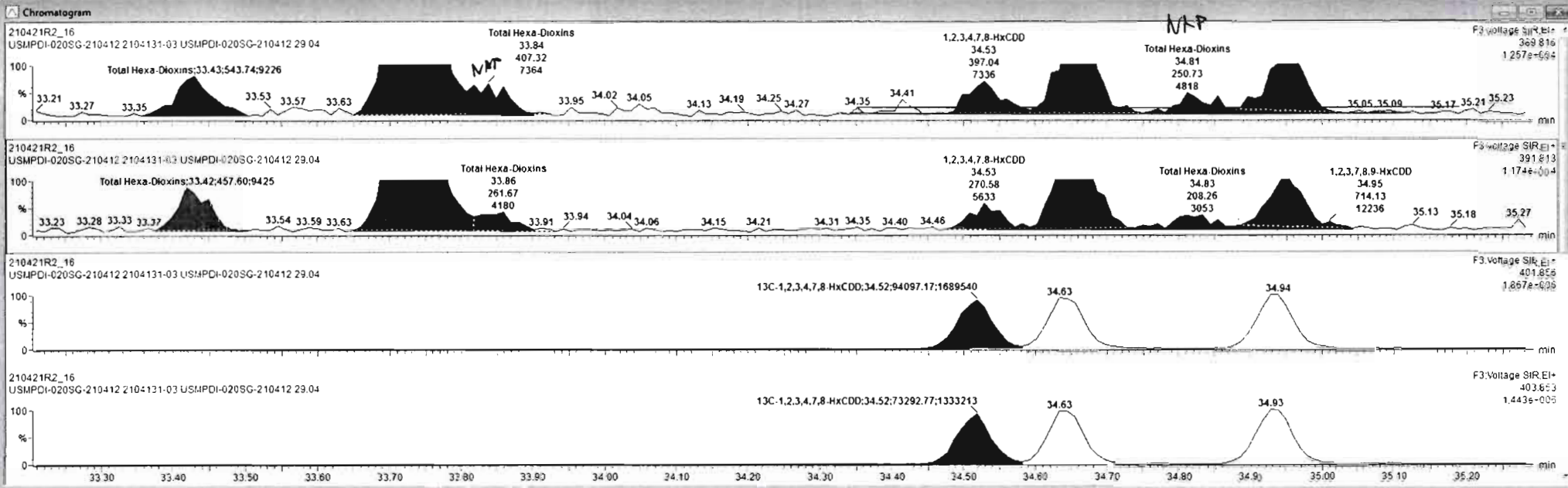


210421R2_16



Name	Resp	RA	mly	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPD
40 Total Penta-Dioxins				0.8257	10.189			1.41	0.422	3.56	
41 Total Hexa-Dioxins				0.8771	10.189			24.6	0.458	26.0	
42 Total Hepta-Dioxins				0.8987	10.189			121	1.13	121	
43 Total Tetra-Furans				0.7466	10.189			6.24	0.162	6.96	
44 1st Func. Penta-Furans				0.8771	10.189			2.92	0.070	2.92	
45 Total Penta-Furans				0.8771	10.189			12.3	0.260	13.3	

Name	RT	mt Resp	m2 Resp	RA	mly	EMPC	Conc
1 Total Hexa-Dioxins	32.80	3.164e3	2.627e3	1.20	NO	7.1571	7.1571
2 Total Hexa-Dioxins	33.43	5.437e2	4.576e2	1.19	NO	1.2375	1.2375
3 Total Hexa-Dioxins	33.74	4.701e2	3.948e2	1.19	NO	10.690	10.690
4 Total Hexa-Dioxins	33.84	4.073e2	2.617e2	1.56	YES	0.72440	0.00000
5 1,2,3,4,7,8-HxCDD	34.53	3.970e2	2.706e2	1.47	YES	0.73068	0.00000
6 1,2,3,6,7,8-HxCDD	34.65	1.354e3	1.101e3	1.23	NO	3.0042	3.0042



Regdx

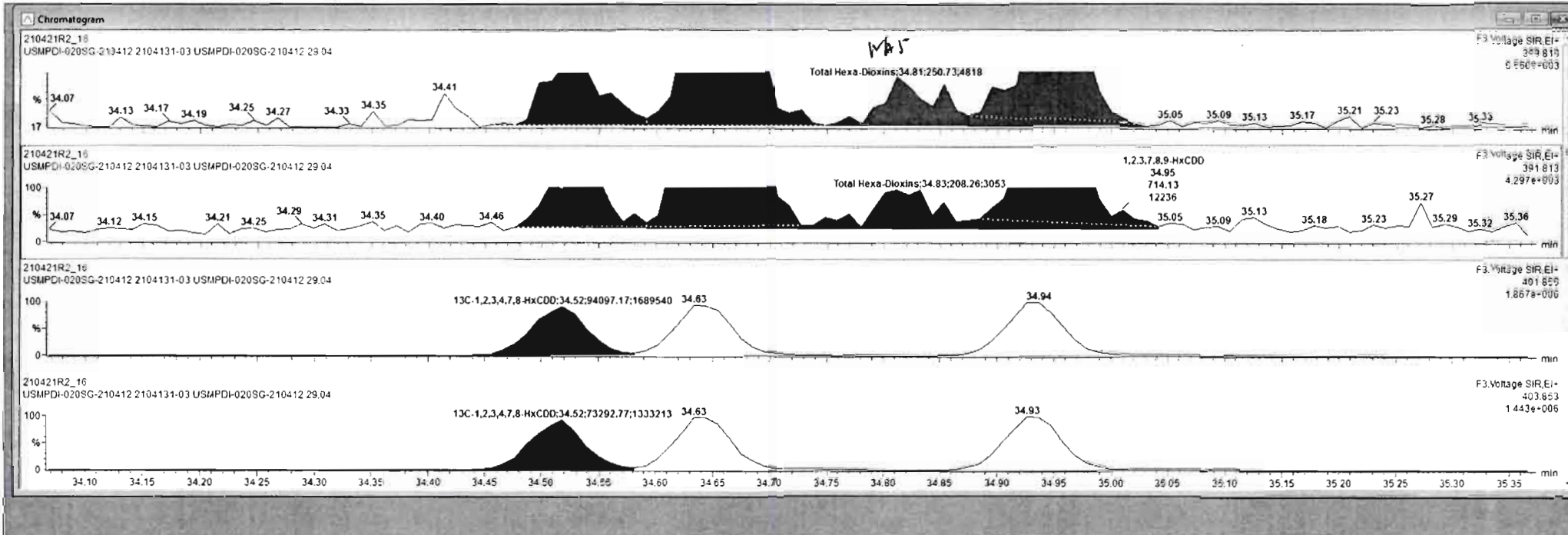
210421R2_16

CAP NUM

210421R2_16 - 2104131-03 USMPDI-020SG-210412 29.04 - USMPDI-020SG-210412

Name	Resp	RA	n/y	RRF	wt/wt	RT	RRT	Conc	%Rec	DL	EMPC
40 Total Penta-Dioxins				0.8257	10.189			1.41	0.422	3.58	
41 Total Hexa-Dioxins				0.8771	10.189			24.5	0.498	26.0	
42 Total Hepta-Dioxins				0.8587	10.189			1.21	1.13	1.21	
43 Total Tetra-Furans				0.7466	10.189			6.24	0.162	6.96	
44 1st Func. Penta-Furans				0.8771	10.189			3.92	0.0870	3.92	
45 Total Penta-Furans				0.8771	10.189			13.3	0.265	13.3	

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Hexa-Dioxins	32.80	3.164e3	2.827e3	1.20	NO	7.1571	7.1571
2 Total Hexa-Dioxins	33.43	5.437e2	4.576e2	1.19	NO	1.2375	1.2375
3 Total Hexa-Dioxins	33.74	4.701e3	3.948e3	1.19	NO	10.690	10.690
4 Total Hexa-Dioxins	33.84	4.073e2	2.617e2	1.56	YES	0.72440	0.00000
5 1,2,3,4,7,8-HxCDD	34.53	3.970e2	2.706e2	1.47	YES	0.73088	0.00000
6 1,2,3,6,7,8-HxCDD	34.65	1.354e3	1.101e3	1.23	NO	3.0042	3.0042



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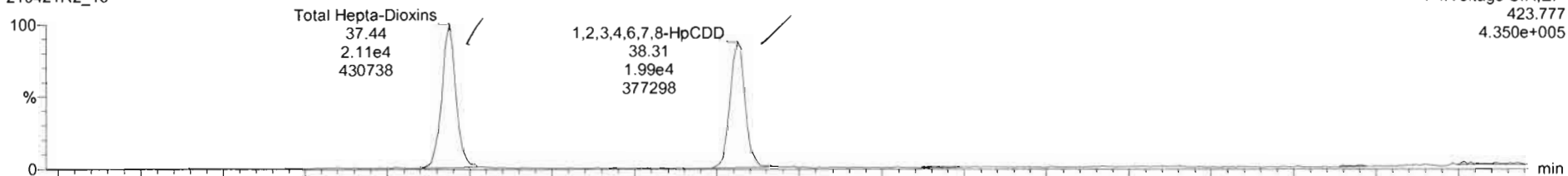
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Printed: Friday, April 23, 2021 13:23:38 Pacific Daylight Time

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

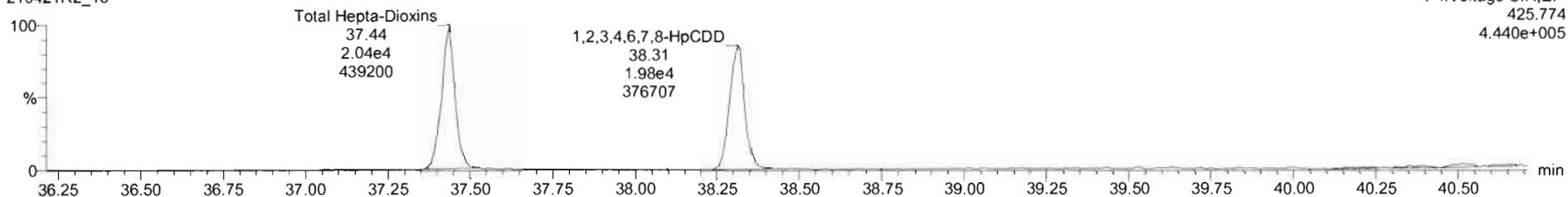
1,2,3,4,6,7,8-HpCDD

210421R2_16



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4.350e+005

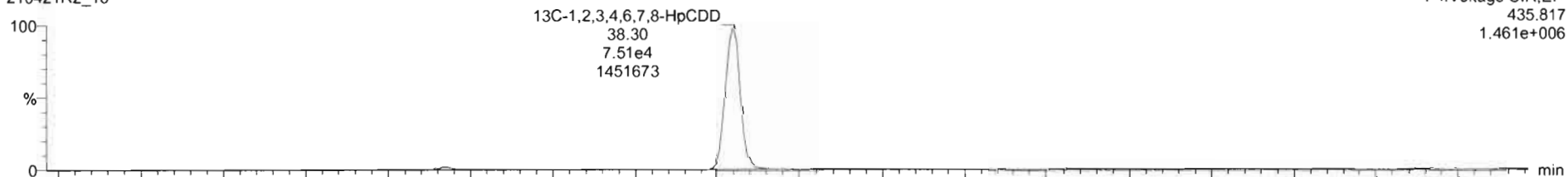
210421R2_16



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4.440e+005

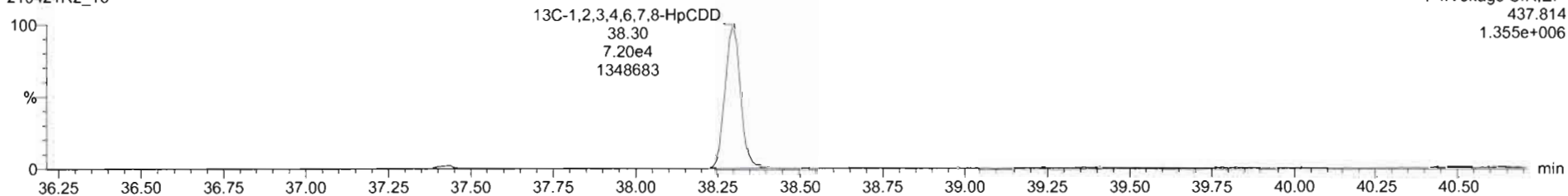
13C-1,2,3,4,6,7,8-HpCDD

210421R2_16



F4:Voltage SIR,EI+
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1.461e+006

210421R2_16



F4:Voltage SIR,EI+
437.814
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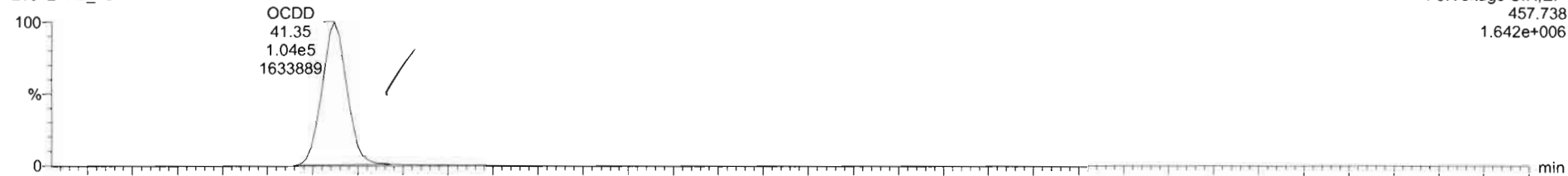
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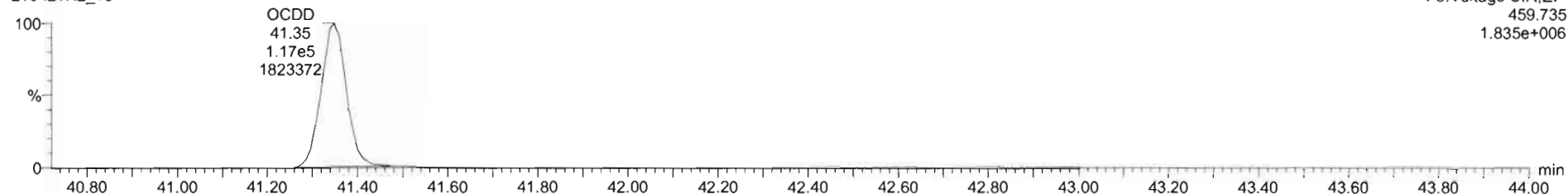
Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

OCDD

210421R2_16

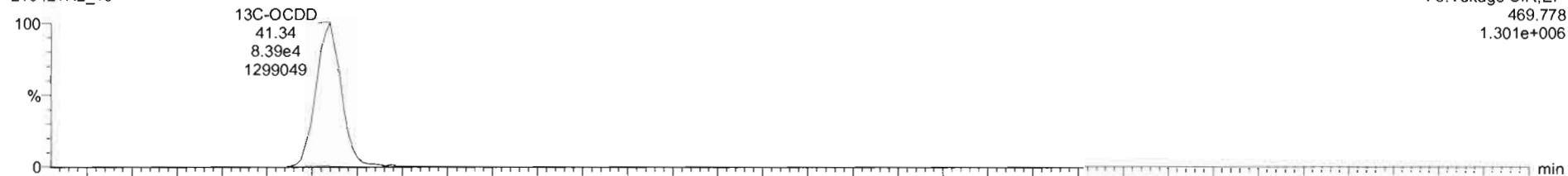


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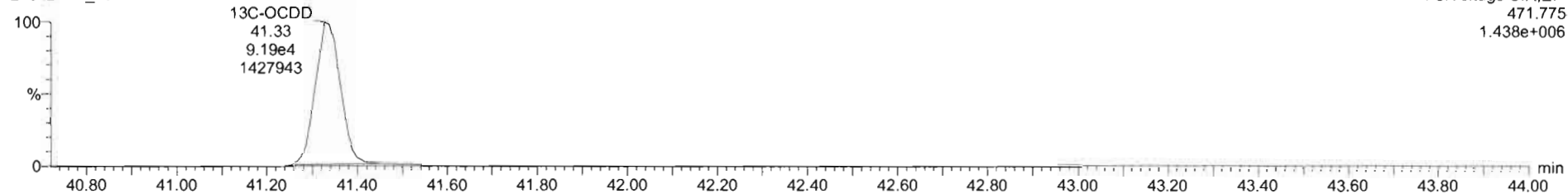


13C-OCDD

210421R2_16



210421R2_16



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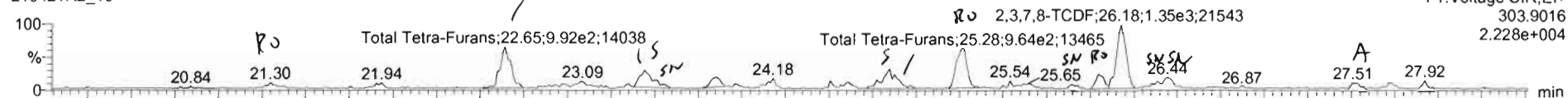
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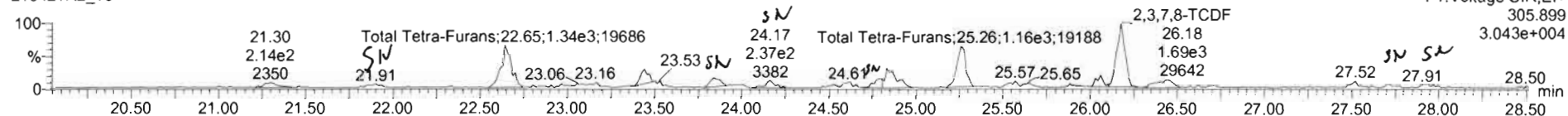
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2,3,7,8-TCDF

210421R2_16

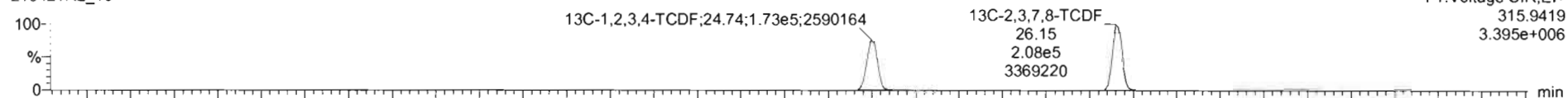


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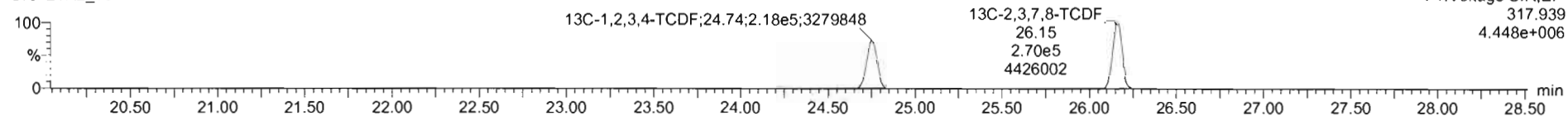


13C-2,3,7,8-TCDF

210421R2_16

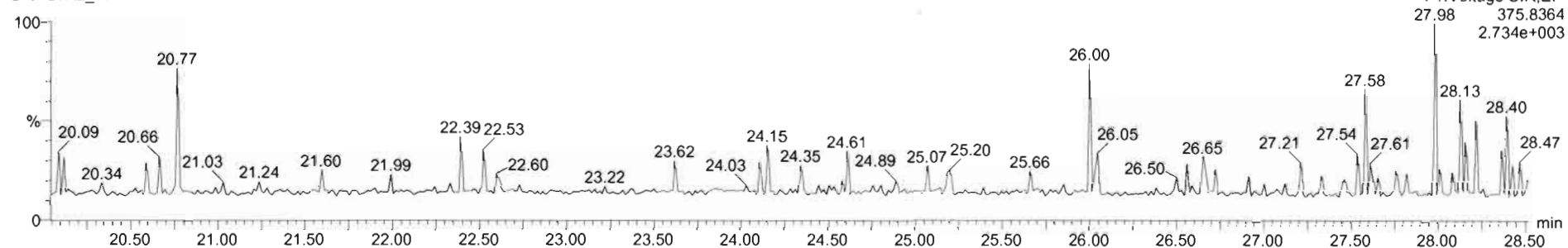


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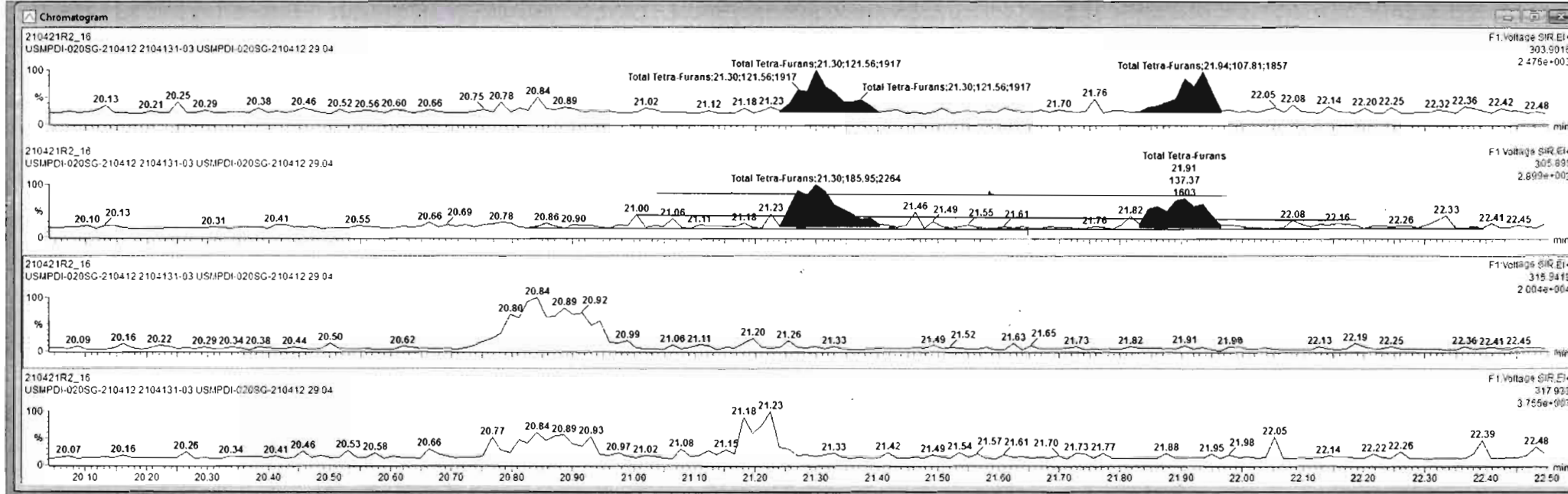
DPE1

210421R2_16



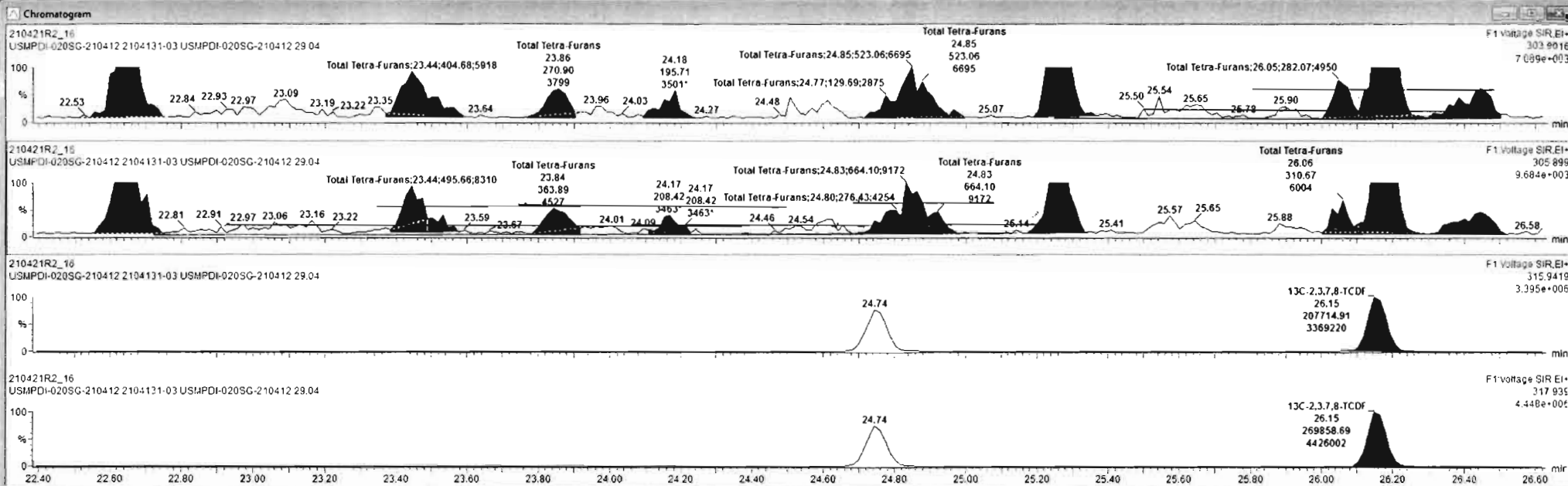
Name	Resp	RA	nly	RRF	visval	RT	RRT	Conc	%Rec	DL	EMPC
39 Total Tetra-Dioxins				0.9351	10.189			0.587		0.135	0.971
40 Total Penta-Dioxins				0.8257	10.189			1.42		0.422	4.50
41 Total Hexa-Dioxins				0.8771	10.189			23.9		0.450	25.3
42 Total Hepta-Dioxins				0.8907	10.188			121		1.13	121
43 Total Tetra-Furans				0.7466	10.189			6.41		0.162	7.28
44 Int Func. Penta-Furans				0.3771	10.189					0.0353	
45 Total Penta-Furans				0.8771	10.189			12.4		0.260	13.1
46 Total Hexa-Furans				0.9725	10.189			42.3		0.304	43.0
47 Total Hepta-Furans				1.0421	10.189			47.9		0.654	47.9
48 PPK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Tetra-Furans	21.30	1.216e2	1.859e2	0.65	YES	0.15383	0.00000
2 Total Tetra-Furans	21.94	1.078e2	1.374e2	0.78	NO	0.13499	0.00000
3 Total Tetra-Furans	22.65	9.857e2	1.349e3	0.73	NO	1.2856	1.2856
4 Total Tetra-Furans	23.44	5.600e2	6.497e2	0.86	NO	0.66596	0.66596
5 Total Tetra-Furans	21.96	2.709e2	1.634e2	0.74	NO	0.34942	0.34942



Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7468	10.189			5.20	0.162	6.89	
44 1st Func. Penta-Furans				0.8771	10.189			3.92	0.0870	3.92	
45 Total Penta-Furans				0.8771	10.189			13.3	0.260	13.3	
46 Total Hexa-Furans				0.8725	10.189			43.6	0.304	44.2	
47 Total Hepta-Furans				1.0481	10.189			47.9	0.654	47.9	
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 Total Tetra-Furans	21.30	1.216e2	1.859e2	0.65	YES	0.15383	0.00000
2 Total Tetra-Furans	22.85	9.857e2	1.349e3	0.73	NO	1.2056	1.2866
3 Total Tetra-Furans	23.44	4.047e2	4.957e2	0.82	NO	0.49568	0.49568
4 Total Tetra-Furans	23.52	1.508e2	1.504e2	1.00	YES	0.14654	0.00000
5 Total Tetra-Furans	23.86	2.709e2	3.639e2	0.74	NO	0.34948	0.34948
6 Total Tetra-Furans	24.77	1.297e2	2.764e2	0.47	YES	0.16413	0.00000



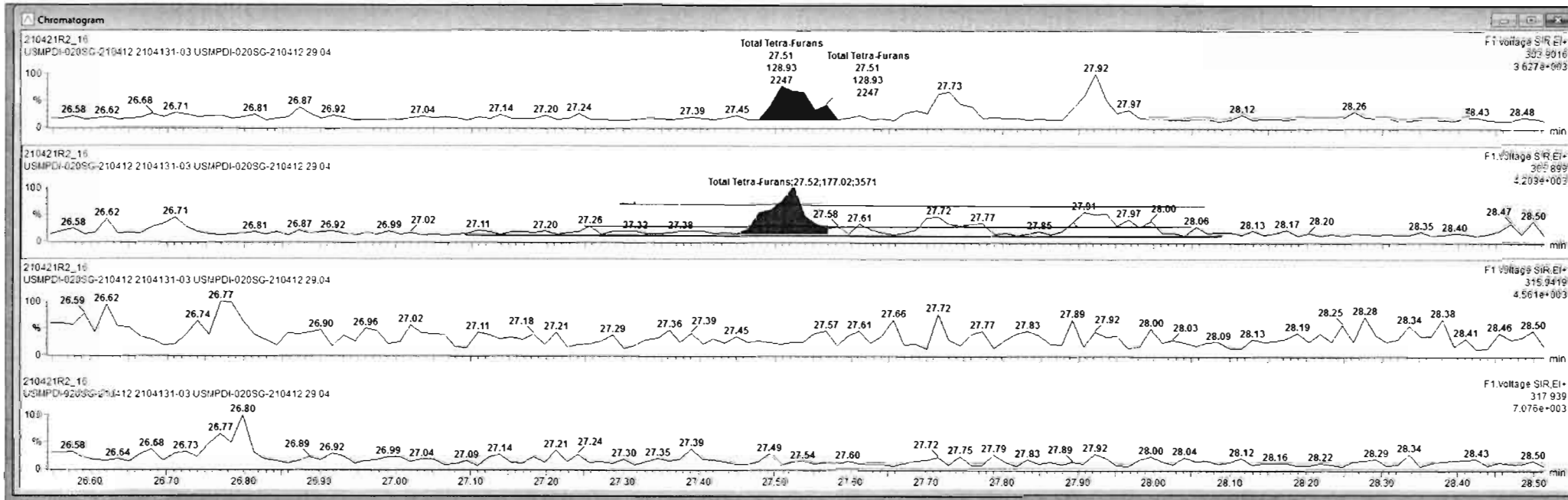
Ready

210421R2_16

CAP RUN

Name	Resp	RA	nly	RRF	wt/wt	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7466	10.189			5.49		0.162	5.66
44 1st Func. Penta-Furans				0.5771	10.189			3.92		0.0870	3.52
45 Total Penta-Furans				0.8771	10.189			13.3		0.265	13.3
46 Total Hexa-Furans				0.9723	10.189			43.6		0.364	44.2
47 Total Hepta-Furans				1.0461	10.189			47.9		0.354	47.9
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Tetra-Furans	21.30	1.215e2	1.852e2	0.54	YES	0.15383	0.00000
2 Total Tetra-Furans	22.85	9.857e2	1.349e3	0.73	NO	1.2856	1.2856
3 Total Tetra-Furans	23.44	4.047e2	4.957e2	0.82	NO	0.49568	0.49568
4 Total Tetra-Furans	24.85	5.231e2	6.641e2	0.79	NO	0.65358	0.65358
5 Total Tetra-Furans	25.28	9.641e2	1.165e3	0.83	NO	1.1719	1.1719
6 Total Tetra-Furans	26.05	2.821e2	3.107e2	0.91	YES	0.30273	0.00000



Resdx

210421R2_16

CAP NUM

Dataset: Untitled

Last Altered: Friday, April 23, 2021 13:23:34 Pacific Daylight Time
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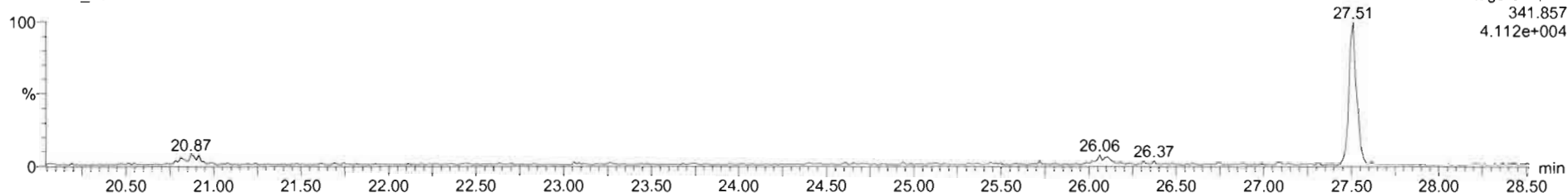
Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

1st Func. Penta-Furans

210421R2_16

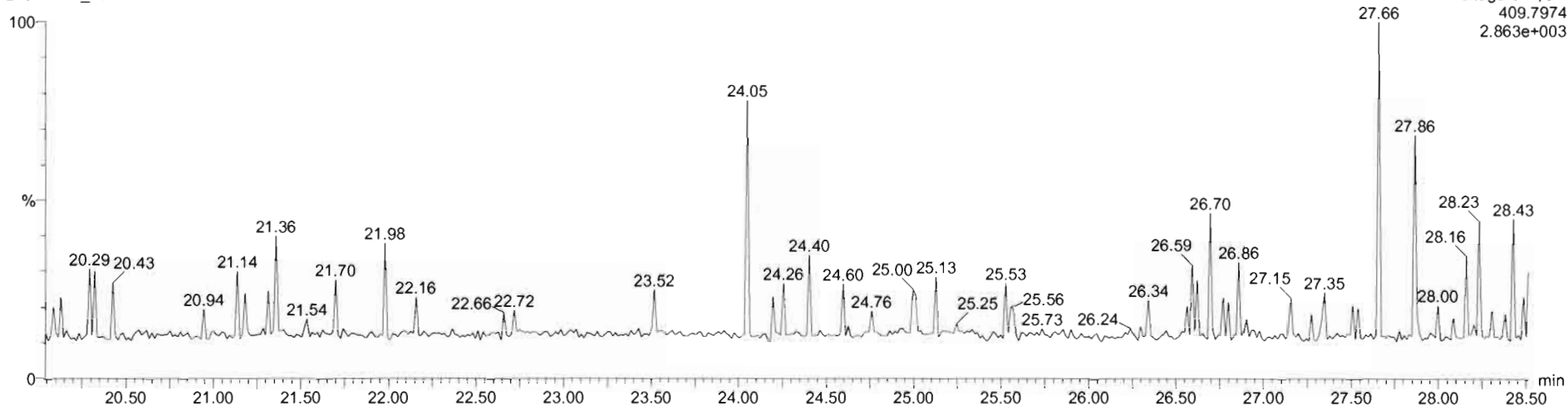


210421R2_16



DPE6

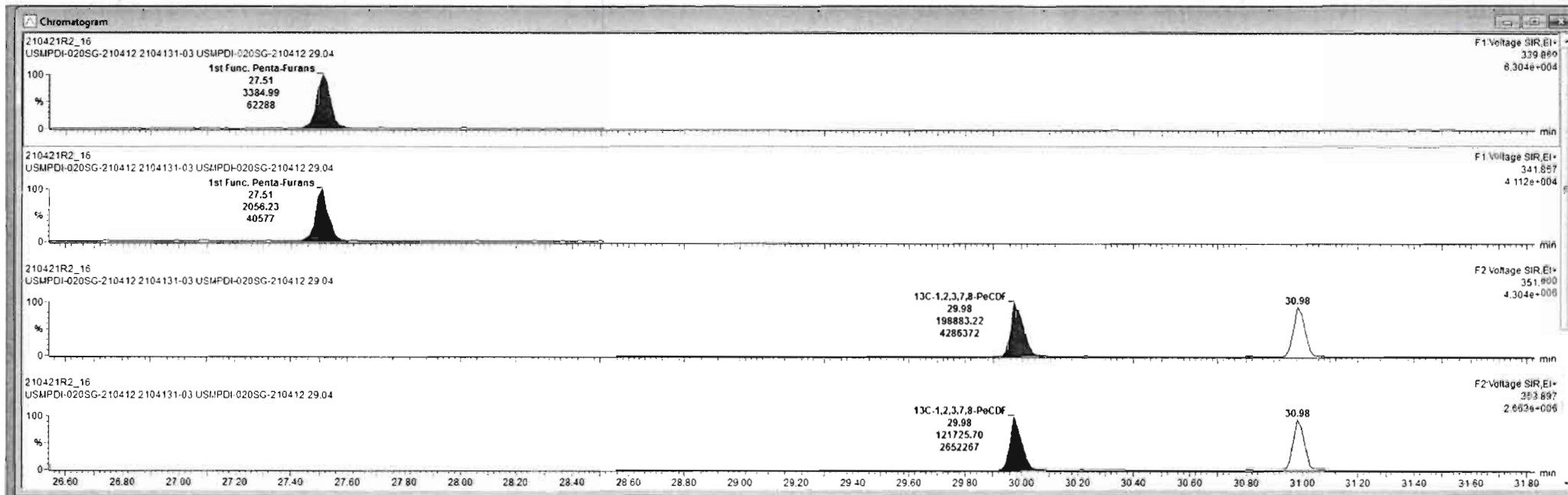
210421R2_16



210421R2_16 - 2104131-03 USMPDI-020SG-210412 29.04 - USMPDI-020SG-210412

Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7458	10.189			5.49		0.162	5.95
44 1st Func. Penta-Furans				0.8771	10.189			3.92		0.0876	2.52
45 Total Penta-Furans				0.8771	10.189			13.3		0.260	13.2
46 Total Hexa-Furans				0.9725	10.189			43.6		0.304	44.2
47 Total Hepta-Furans				1.0481	10.189			47.9		0.554	47.9
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	n/y	EMPC	Conc
1 1st Func. Penta-Furans	27.51	3.385e3	2.058e3	1.65	NO	3.9176	3.9176



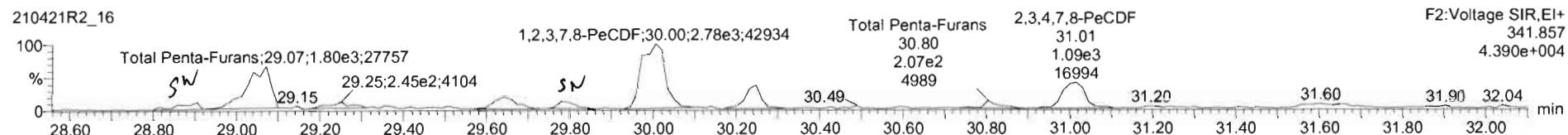
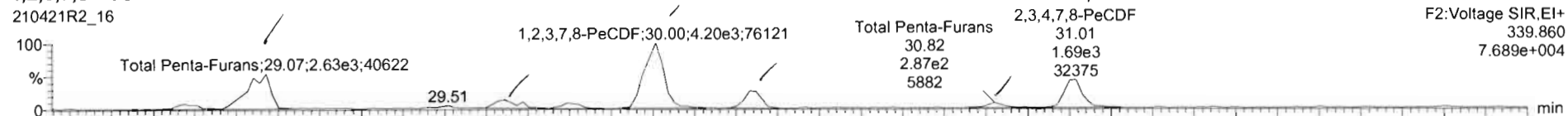
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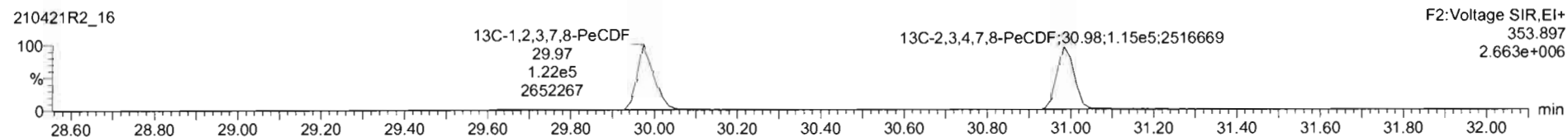
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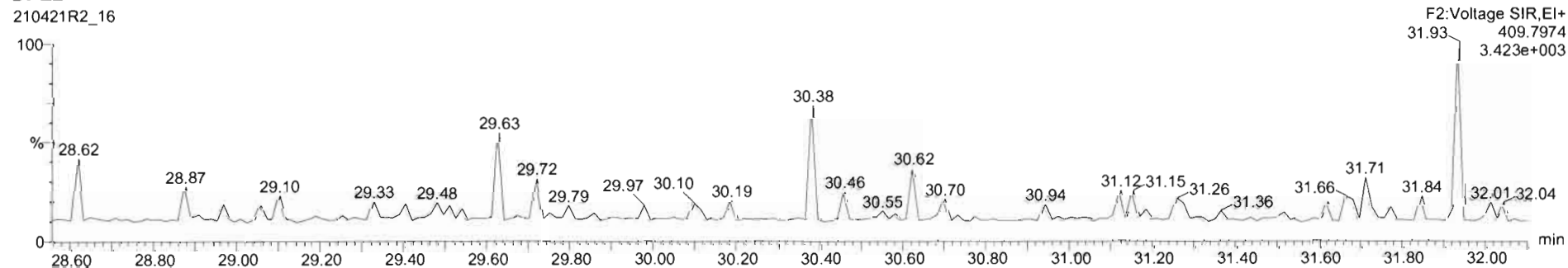
1,2,3,7,8-PeCDF



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



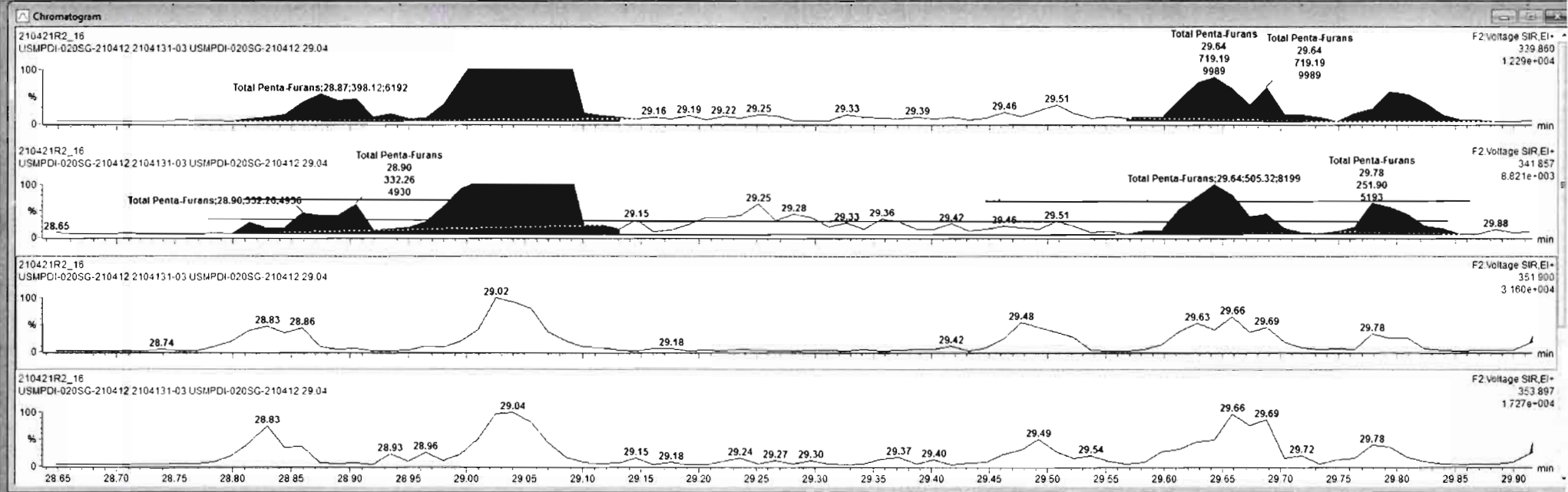
DPE2



210421R2_16 - 2104131-03 USMPDI-020SG-210412 29.04 - USMPDI-020SG-210412

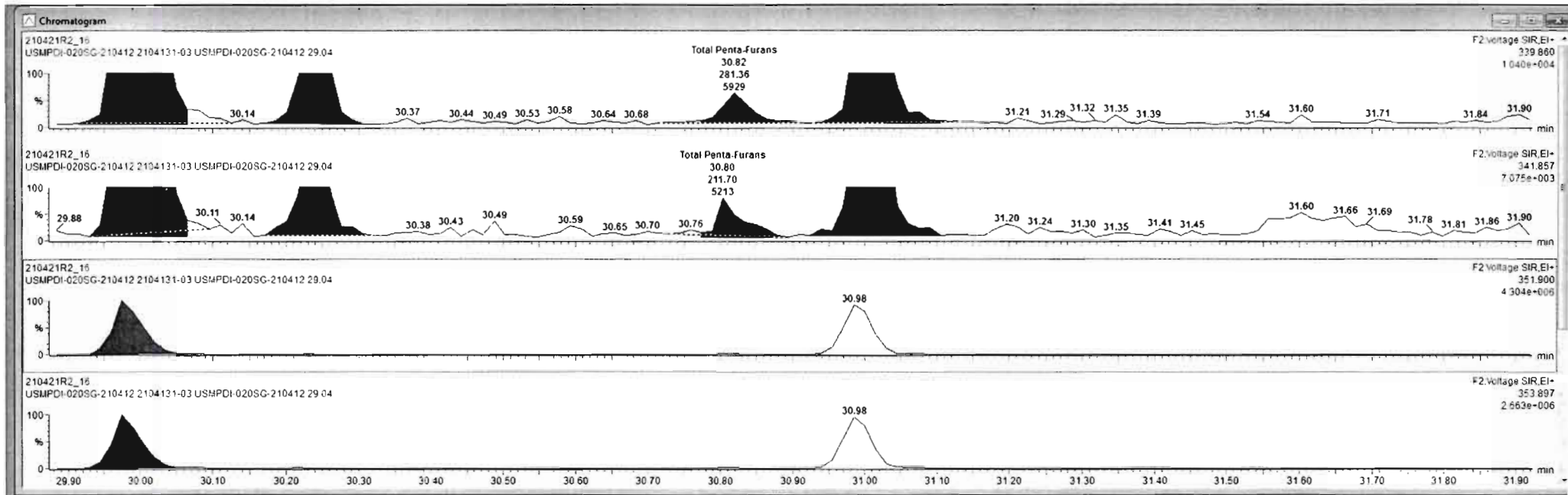
Name	Resp	RA	nly	RRF	wtval	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7468	10.189			5.49		0.162	5.95
44 1st Func. Penta-Furans				0.8771	10.189			3.92		0.070	3.92
45 Total Penta-Furans				0.8771	10.189			12.9		0.260	13.4
46 Total Hexa-Furans				0.9725	10.189			43.8		0.304	44.2
47 Total Hepta-Furans				1.0481	10.189			47.9		0.654	47.9
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Penta-Furans	28.87	3.961e2	3.323e2	1.20	YES	0.47156	0.05000
2 Total Penta-Furans	29.07	2.670e3	1.960e3	1.36	NO	3.3331	3.3331
3 Total Penta-Furans	29.64	7.192e2	5.053e2	1.42	NO	0.88162	0.88162
4 Total Penta-Furans	29.79	3.410e2	2.519e2	1.36	NO	0.42747	0.42747
5 1,2,3,7,8-PeCDF	30.00	4.117e3	2.814e3	1.48	NO	4.8378	4.8378
6 Total Penta-Furans	30.23	9.811e2	6.937e2	1.41	NO	1.2059	1.2059
7 Total Penta-Furans	30.62	2.814e2	2.117e2	1.33	NO	0.35499	0.35499
8 2,3,4,7,8-PeCDF	31.01	1.707e3	1.085e3	1.57	NO	1.8921	1.8921



Name	Resp	RA	nly	RRF	wVol	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7468	10.189			5.49		0.162	6.95
44 1st Func. Penta-Furans				0.8771	10.189			3.92		0.0870	3.52
45 Total Penta-Furans				0.8771	10.189			12.5		0.260	12.5
46 Total Hexa-Furans				0.9725	10.189			43.6		0.304	44.2
47 Total Hepta-Furans				1.0451	10.189			47.5		0.654	47.9
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 Total Penta-Furans	29.07	2.670e3	1.960e3	1.36	NO	3.3331	3.3331
2 Total Penta-Furans	29.84	7.192e2	5.009e2	1.44	NO	0.87843	0.87043
3 1,2,3,7,8-PeCDF	30.00	4.117e3	2.814e3	1.46	NO	4.8378	4.8378
4 Total Penta-Furans	30.23	9.811e2	6.937e2	1.41	NO	1.2058	1.2058
5 Total Penta-Furans	30.62	2.814e2	2.117e2	1.33	NO	0.35459	0.35459
6 2,3,4,7,8-PeCDF	31.01	1.707e3	1.085e3	1.57	NO	1.8921	1.8921



Ready

210421R2_16

CAP INUN

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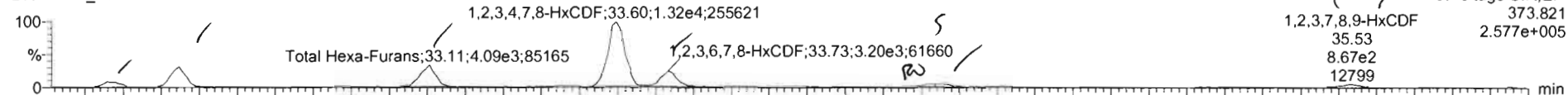
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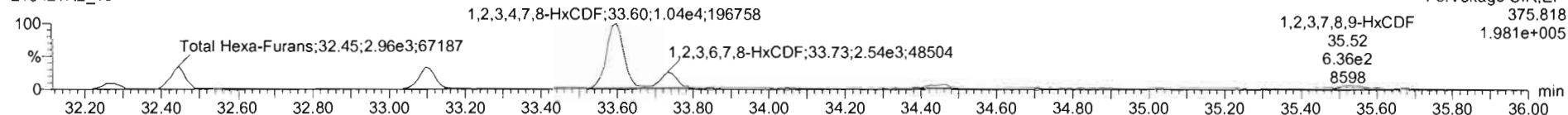
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1,2,3,4,7,8-HxCDF

210421R2_16

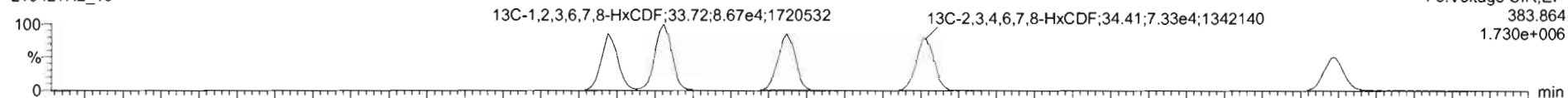


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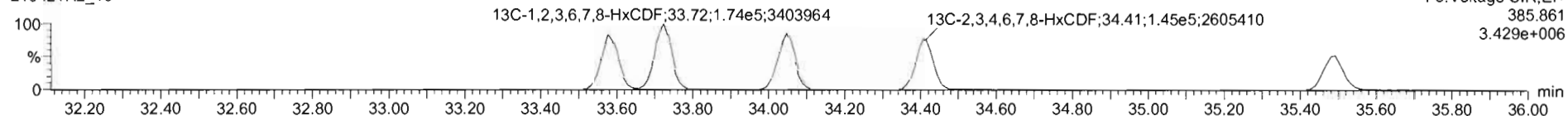


13C-1,2,3,4,7,8-HxCDF

210421R2_16

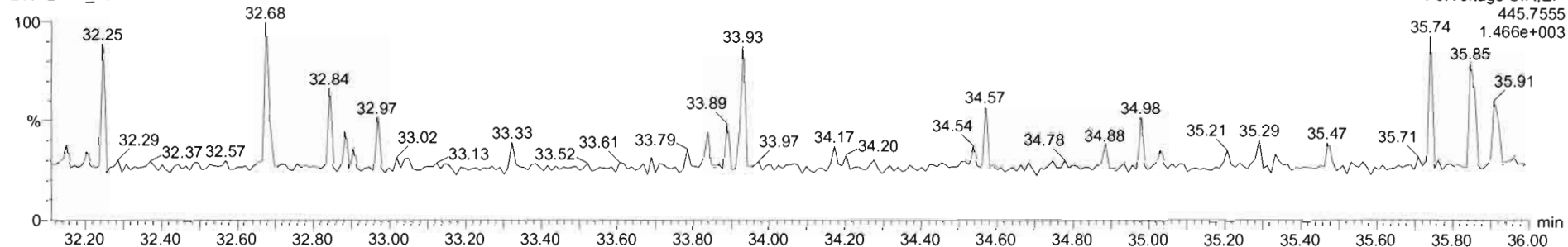


210421R2_16



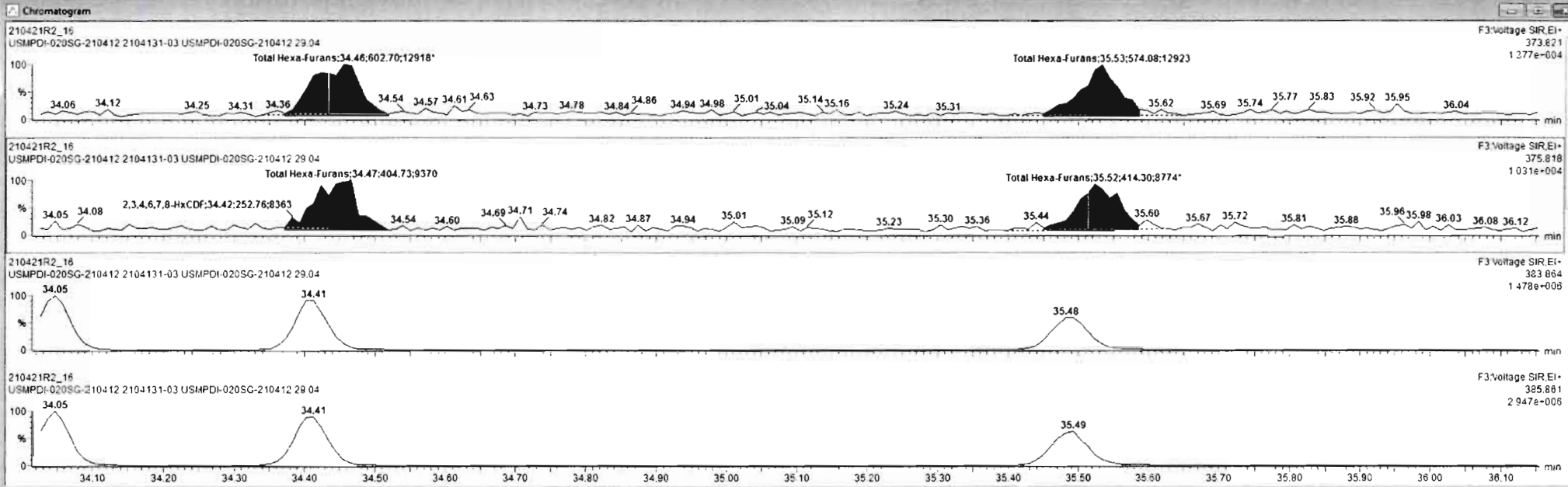
DPE3

210421R2_16



Name	Resp	RA	n/y	RRF	w/vol	RT	RRT	Conc	%Rec	DL	EMPC
43	Total Tetra-Furans			0.7466	10.189			5.48	0.162	5.95	
44	1st Func. Penta-Furans			0.8771	10.189			3.92	0.0970	3.92	
45	Total Penta-Furans			0.8771	10.189			12.5	0.260	12.5	
46	Total Hexa-Furans			0.9725	10.189			44.6	0.304	45.1	
47	Total Hepta-Furans			1.0451	10.189			47.9	0.354	47.9	
48	PFK1										

Name	RT	mt Resp	m2 Resp	RA	n/y	EMPC	Conc
1	Total Hexa-Furans	32.26	1.094e3	8.567e2	1.28	NO	1.8229
2	Total Hexa-Furans	32.45	3.663e3	2.961e3	1.24	NO	6.1906
3	Total Hexa-Furans	33.10	4.091e3	3.174e3	1.29	NO	6.7902
4	1,2,3,4,7,8-HxCDF	33.60	1.317e4	1.043e4	1.26	NO	22.766
5	1,2,3,6,7,8-HxCDF	33.73	3.203e3	2.536e3	1.26	NO	4.6205



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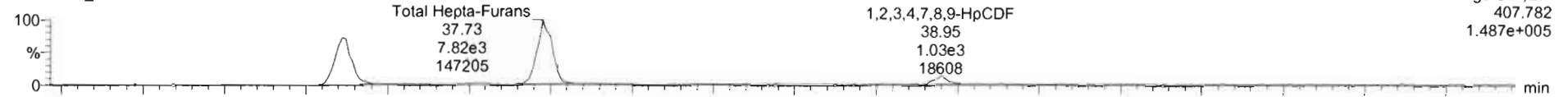
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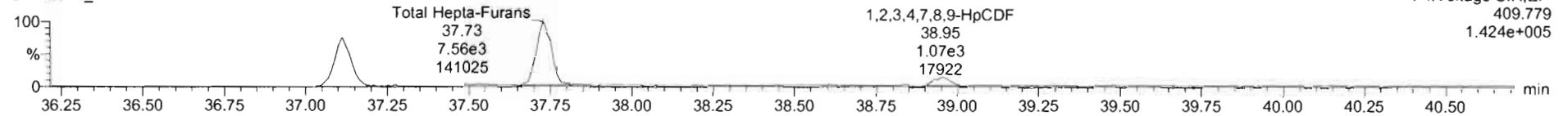
1,2,3,4,6,7,8-HpCDF

210421R2_16



F4:Voltage SIR,EI+
407.782
1.487e+005

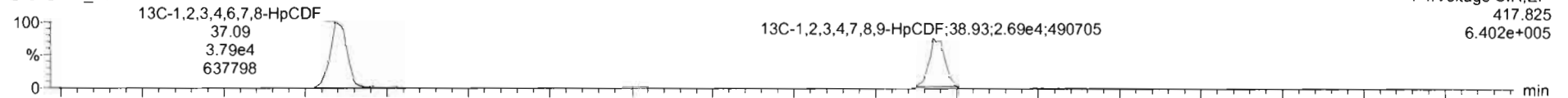
210421R2_16



F4:Voltage SIR,EI+
409.779
1.424e+005

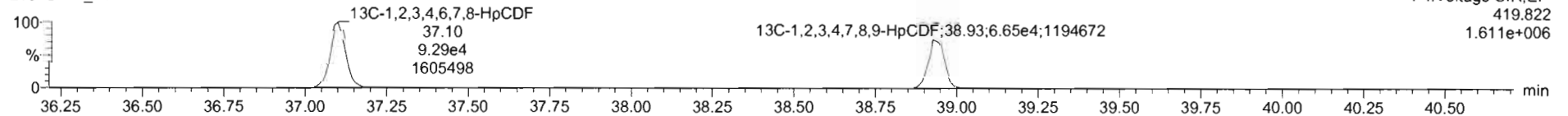
13C-1,2,3,4,6,7,8-HpCDF

210421R2_16



F4:Voltage SIR,EI+
417.825
6.402e+005

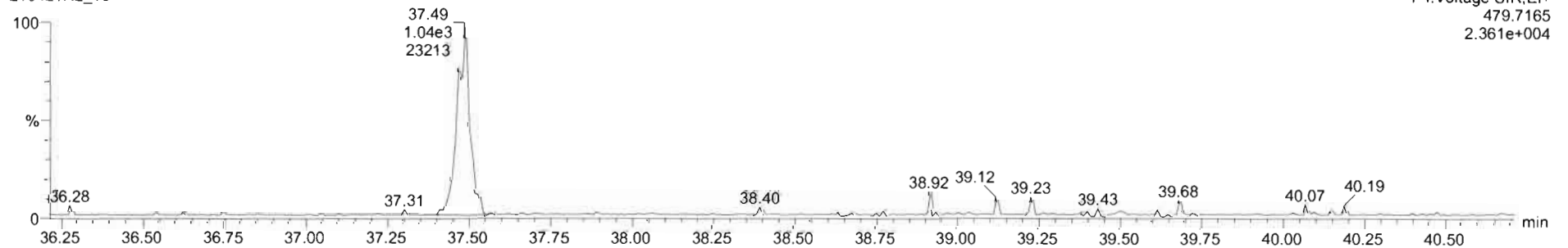
210421R2_16



F4:Voltage SIR,EI+
419.822
1.611e+006

DPE4

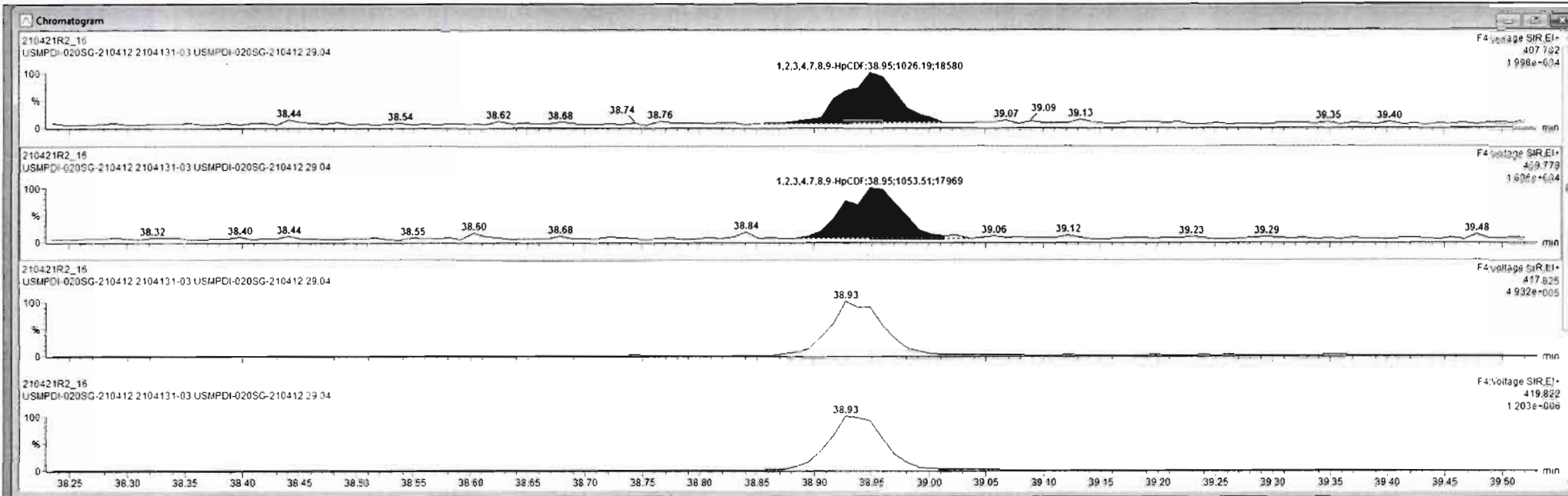
210421R2_16



F4:Voltage SIR,EI+
479.7165
2.361e+004

Name	Resp	RA	nly	RRF	wtval	RT	RRT	Conc	%Rec	DL	EMPC
43 Total Tetra-Furans				0.7466	10.189			5.49		0.163	5.95
44 1st Func. Penta-Furans				0.8771	10.189			3.92		0.0870	3.92
45 Total Penta-Furans				0.8771	10.189			12.5		0.260	12.5
46 Total Hexa-Furans				0.9725	10.189			43.6		0.304	45.0
47 Total Hepta-Furans				1.0481	10.189			47.9		0.654	47.9
48 PFK1											

Name	RT	m1 Resp	m2 Resp	RA	nly	EMPC	Conc
1 1,2,3,4,6,7,8-HpCDF	37.11	6.376e3	6.207e3	1.03	NO	18.019	18.019
2 Total Hepta-Furans	37.73	7.822e3	7.559e3	1.03	NO	25.694	25.694
3 1,2,3,4,7,8,9-HpCDF	38.95	1.025e3	1.054e3	0.97	NO	4.1800	4.1800



Ready

210421R2_16

CAP RUN

Dataset: Untitled

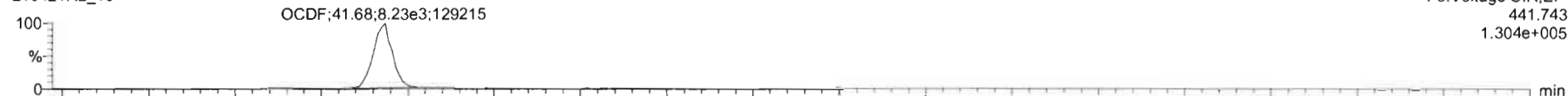
Last Altered: Friday, April 23, 2021 13:23:34 Pacific Daylight Time

Printed: Friday, April 23, 2021 13:23:38 Pacific Daylight Time

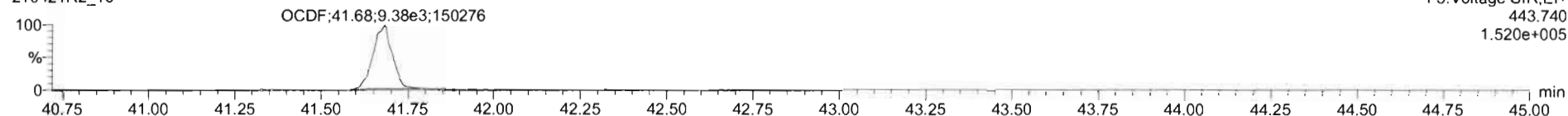
Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412

OCDF

210421R2_16

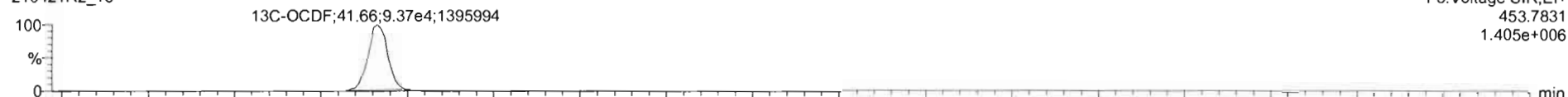


210421R2_16

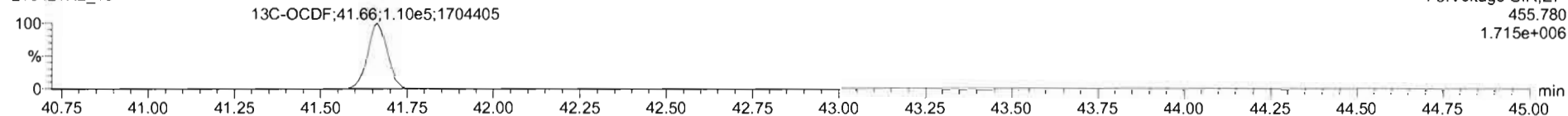


13C-OCDF

210421R2_16

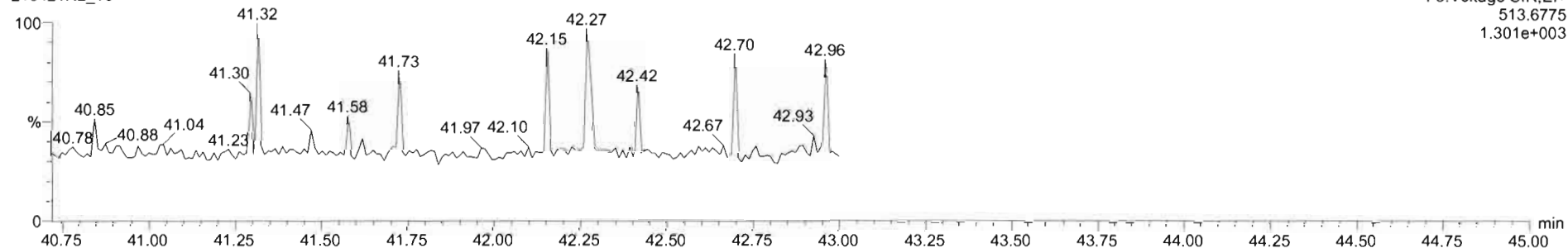


210421R2_16



DPE5

210421R2_16

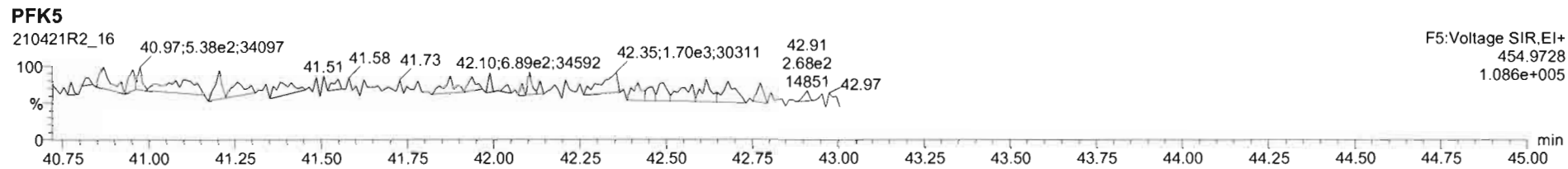
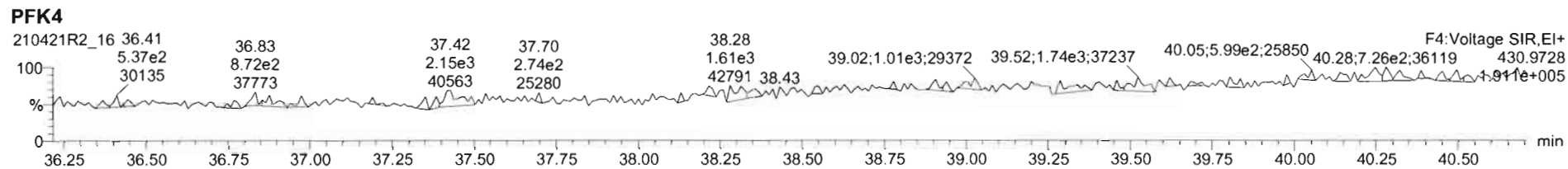
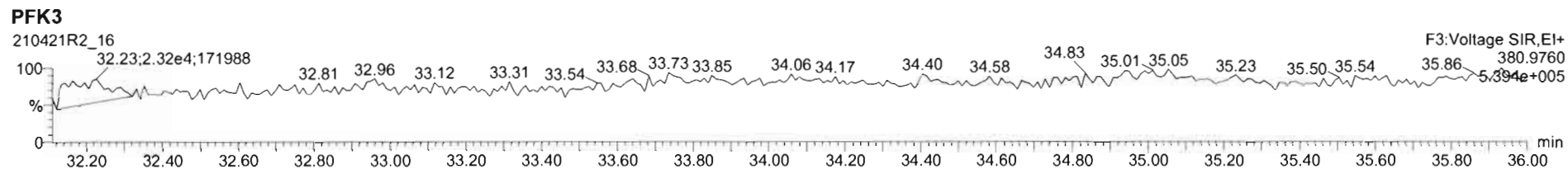
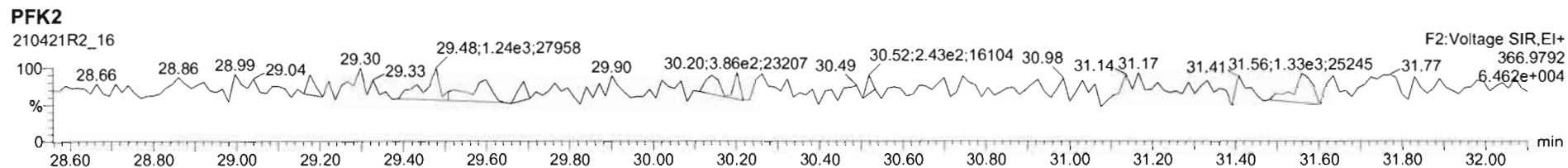
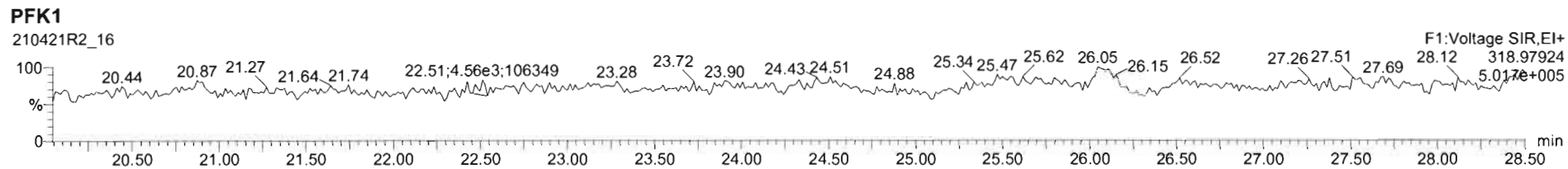


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Last Altered: Friday, April 23, 2021 13:23:34 Pacific Daylight Time

Printed: Friday, April 23, 2021 13:23:38 Pacific Daylight Time

Name: 210421R2_16, Date: 22-Apr-2021, Time: 08:10:37, ID: 2104131-03 USMPDI-020SG-210412 29.04, Description: USMPDI-020SG-210412



SAMPLE DATA – EPA METHOD 1668A

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

Last Altered: Thursday, May 13, 2021 8:33:40 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 8:34:59 AM Pacific Daylight Time

Hc 5-13-2021

C1 05/17/2021

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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
1	1 PCB-1			NO	0.986	5.000	15.18		1.001		YES			0.237	
2	2 PCB-2			NO	1.02	5.000	17.61		0.988		YES			0.326	
3	3 PCB-3			NO	1.00	5.000	17.83		1.001		YES			0.333	
4	4 PCB-4/10			NO	1.21	5.000	19.21		1.004		YES			1.01	
5	5 PCB-7/9			NO	0.939	5.000	21.01		1.003		YES			0.974	
6	6 PCB-6			NO	0.996	5.000	21.65		1.033		YES			0.918	
7	7 PCB-5/8			NO	0.976	5.000	22.05		1.052		YES			0.937	
8	8 PCB-14			NO	1.02	5.000	23.23		0.951		YES			1.34	
9	9 PCB-11			NO	1.12	5.000	24.43		1.001		YES			1.23	
10	10 PCB-12/13			NO	1.02	5.000	24.86		1.018		YES			1.35	
11	11 PCB-15			NO	1.02	5.000	25.14		1.030		YES			1.35	
12	12 PCB-19			NO	0.972	5.000	23.37		1.001		YES			0.489	
13	13 PCB-30			NO	1.54	5.000	24.26		1.039		YES			0.309	
14	14 PCB-18			NO	0.719	5.000	25.04		0.951		YES			0.515	
15	15 PCB-17			NO	0.672	5.000	25.22		0.958		YES			0.551	
16	16 PCB-24/27			NO	0.932	5.000	25.80		0.980		YES			0.397	
17	17 PCB-16/32			NO	0.824	5.000	26.34		1.001		YES			0.449	
18	18 PCB-34			NO	0.878	5.000	27.17		0.959		YES			0.488	
19	19 PCB-23			NO	0.892	5.000	27.27		0.962		YES			0.480	
20	20 PCB-29			NO	0.861	5.000	27.53		0.972		YES			0.497	
21	21 PCB-26			NO	0.915	5.000	27.73		0.979		YES			0.468	
22	22 PCB-25			NO	0.915	5.000	27.89		0.984		YES			0.468	
23	23 PCB-31			NO	1.03	5.000	28.26		0.998		YES			0.416	
24	24 PCB-28			NO	1.01	5.000	28.35		1.001		YES			0.422	
25	25 PCB-20/21/33			NO	0.913	5.000	28.98		1.023		YES			0.469	
26	26 PCB-22			NO	0.948	5.000	29.44		1.039		YES			0.452	
27	27 PCB-36			NO	1.07	5.000	30.11		0.930		YES			0.771	
28	28 PCB-39			NO	1.00	5.000	30.60		0.945		YES			0.821	
29	29 PCB-38			NO	1.05	5.000	31.41		0.970		YES			0.785	
30	30 PCB-35			NO	1.05	5.000	31.95		0.987		YES			0.787	
31	31 PCB-37			NO	1.03	5.000	32.39		1.001		YES			0.802	
32	32 PCB-54			NO	0.974	5.000	27.18		1.001		YES			0.245	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

Last Altered: Thursday, May 13, 2021 8:33:40 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 8:34:59 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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	0.803	5.000	28.38		1.045		YES			0.297	
34	34 PCB-53			NO	0.939	5.000	29.06		0.943		YES			0.390	
35	35 PCB-51			NO	1.00	5.000	29.41		0.954		YES			0.367	
36	36 PCB-45			NO	0.802	5.000	29.86		0.969		YES			0.457	
37	37 PCB-46			NO	0.770	5.000	30.36		0.985		YES			0.476	
38	38 PCB-52/69			NO	1.08	5.000	30.87		1.001		YES			0.339	
39	39 PCB-73			NO	1.31	5.000	30.98		1.005		YES			0.281	
40	40 PCB-43/49			NO	0.925	5.000	31.15		1.010		YES			0.396	
41	41 PCB-47			NO	0.863	5.000	31.35		1.001		YES			0.401	
42	42 PCB-48/75			NO	1.04	5.000	31.48		1.005		YES			0.333	
43	43 PCB-65			NO	1.16	5.000	31.74		1.013		YES			0.298	
44	44 PCB-62			NO	1.04	5.000	31.83		1.016		YES			0.333	
45	45 PCB-44			NO	0.757	5.000	32.17		1.027		YES			0.456	
46	46 PCB-42/59			NO	0.975	5.000	32.38		1.034		YES			0.355	
47	47 PCB-41/64/71/72			NO	1.12	5.000	33.00		1.053		YES			0.310	
48	48 PCB-68			NO	1.19	5.000	33.26		1.062		YES			0.291	
49	49 PCB-40			NO	0.572	5.000	33.49		1.069		YES			0.604	
50	50 PCB-57			NO	1.08	5.000	33.88		0.969		YES			0.338	
51	51 PCB-67			NO	1.02	5.000	34.20		0.978		YES			0.358	
52	52 PCB-58			NO	1.08	5.000	34.33		0.982		YES			0.336	
53	53 PCB-63			NO	0.971	5.000	34.48		0.986		YES			0.374	
54	54 PCB-74			NO	1.09	5.000	34.78		0.994		YES			0.334	
55	55 PCB-61/70			NO	0.978	5.000	35.00		1.000		YES			0.372	
56	56 PCB-76/66			NO	1.07	5.000	35.19		1.006		YES			0.339	
57	57 PCB-80			NO	1.08	5.000	35.45		1.001		YES			0.339	
58	58 PCB-55			NO	1.06	5.000	35.77		1.010		YES			0.343	
59	59 PCB-56/60			NO	0.946	5.000	36.26		1.023		YES			0.386	
60	60 PCB-79			NO	1.06	5.000	37.38		1.055		YES			0.345	
61	61 PCB-78			NO	1.01	5.000	38.11		0.987		YES			0.453	
62	62 PCB-81			NO	0.941	5.000	38.64		1.000		YES			0.485	
63	63 PCB-77			NO	1.03	5.000	39.28		1.000		YES			0.528	
64	64 PCB-104			NO	0.982	5.000	32.02		1.001		YES			0.232	
65	65 PCB-96			NO	0.982	5.000	33.31		1.041		YES			0.232	
66	66 PCB-103			NO	0.770	5.000	33.90		1.059		YES			0.296	
67	67 PCB-100			NO	0.805	5.000	34.25		1.070		YES			0.283	
68	68 PCB-94			NO	0.831	5.000	34.74		0.985		YES			0.421	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

Last Altered: Thursday, May 13, 2021 8:33:40 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 8:34:59 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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	1.07	5.000	35.23		0.999		YES			0.326	
70	70 PCB-93			NO	0.761	5.000	35.33		1.002		YES			0.459	
71	71 PCB-88/91			NO	0.910	5.000	35.70		1.012		YES			0.384	
72	72 PCB-121			NO	1.46	5.000	35.81		1.015		YES			0.238	
73	73 PCB-84/92			NO	0.826	5.000	36.66		0.990		YES			0.417	
74	74 PCB-89			NO	0.885	5.000	36.84		0.995		YES			0.389	
75	75 PCB-90/101			NO	0.905	5.000	37.04		1.000		YES			0.380	
76	76 PCB-113			NO	1.26	5.000	37.28		1.007		YES			0.273	
77	77 PCB-99			NO	0.993	5.000	37.38		1.010		YES			0.346	
78	78 PCB-119			NO	1.53	5.000	37.87		0.987		YES			0.291	
79	79 PCB-108/112			NO	1.25	5.000	38.02		0.991		YES			0.357	
80	80 PCB-83			NO	1.56	5.000	38.18		0.995		YES			0.286	
81	81 PCB-97			NO	1.12	5.000	38.38		1.000		YES			0.396	
82	82 PCB-86			NO	1.06	5.000	38.53		1.004		YES			0.420	
83	83 PCB-87/117/125			NO	1.34	5.000	38.67		1.008		YES			0.332	
84	84 PCB-111/115			NO	1.62	5.000	38.83		1.012		YES			0.275	
85	85 PCB-85/116			NO	1.23	5.000	38.95		1.015		YES			0.361	
86	86 PCB-120			NO	1.79	5.000	39.21		1.022		YES			0.248	
87	87 PCB-110			NO	1.50	5.000	39.34		1.025		YES			0.297	
88	88 PCB-82			NO	0.638	5.000	40.00		0.975		YES			0.576	
89	89 PCB-124			NO	1.08	5.000	40.72		0.993		YES			0.341	
90	90 PCB-107/109			NO	1.11	5.000	40.86		0.996		YES			0.331	
91	91 PCB-123			NO	1.00	5.000	41.03		1.000		YES			0.367	
92	92 PCB-106/118			NO	1.02	5.000	41.23		1.001		YES			0.368	
93	93 PCB-114			NO	1.08	5.000	41.89		1.000		YES			0.386	
94	94 PCB-122			NO	0.930	5.000	42.04		1.004		YES			0.450	
95	95 PCB-105			NO	1.03	5.000	42.78		1.000		YES			0.434	
96	96 PCB-127			NO	1.06	5.000	43.14		1.000		YES			0.450	
97	97 PCB-126			NO	1.15	5.000	45.13		1.000		YES			0.573	
98	98 PCB-155			NO	0.853	5.000	36.56		1.000		YES			0.212	
99	99 PCB-150			NO	0.934	5.000	37.86		1.036		YES			0.193	
100	1... PCB-152			NO	1.02	5.000	38.36		1.050		YES			0.178	
101	1... PCB-145			NO	0.983	5.000	38.82		1.062		YES			0.184	
102	1... PCB-136			NO	0.881	5.000	39.15		1.071		YES			0.205	
103	1... PCB-148			NO	0.666	5.000	39.26		1.074		YES			0.271	
104	1... PCB-154			NO	0.721	5.000	39.78		1.089		YES			0.251	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

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Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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	0.674	5.000	40.43		1.107		YES			0.268	
106	1... PCB-135			NO	0.723	5.000	40.65		1.112		YES			0.250	
107	1... PCB-144			NO	0.691	5.000	40.77		1.116		YES			0.261	
108	1... PCB-147			NO	0.713	5.000	40.90		1.119		YES			0.254	
109	1... PCB-139/149			NO	0.773	5.000	41.17		1.127		YES			0.234	
110	1... PCB-140			NO	0.652	5.000	41.36		1.132		YES			0.277	
111	1... PCB-134/143			NO	0.718	5.000	41.80		0.974		YES			0.516	
112	1... PCB-131/133			NO	0.768	5.000	42.12		0.982		YES			0.482	
113	1... PCB-142			NO	0.687	5.000	42.28		0.985		YES			0.539	
114	1... PCB-146/165			NO	0.943	5.000	42.52		0.991		YES			0.393	
115	1... PCB-132/161			NO	0.957	5.000	42.76		0.997		YES			0.387	
116	1... PCB-153			NO	0.990	5.000	42.95		1.001		YES			0.374	
117	1... PCB-168			NO	1.03	5.000	43.16		1.006		YES			0.358	
118	1... PCB-141			NO	0.948	5.000	43.71		1.000		YES			0.474	
119	1... PCB-137			NO	0.964	5.000	44.11		1.010		YES			0.466	
120	1... PCB-130			NO	0.816	5.000	44.20		1.012		YES			0.550	
121	1... PCB-138/163/164			NO	1.15	5.000	44.62		1.001		YES			0.392	
122	1... PCB-158/160			NO	1.14	5.000	44.86		1.007		YES			0.397	
123	1... PCB-129			NO	0.807	5.000	45.09		1.012		YES			0.561	
124	1... PCB-166			NO	1.03	5.000	45.56		0.993		YES			0.401	
125	1... PCB-159			NO	1.10	5.000	45.91		1.000		YES			0.377	
126	1... PCB-128/162			NO	0.836	5.000	46.20		1.007		YES			0.494	
127	1... PCB-167			NO	0.960	5.000	46.63		1.000		YES			0.438	
128	1... PCB-156			NO	1.06	5.000	47.95		1.000		YES			0.440	
129	1... PCB-157			NO	0.960	5.000	48.22		1.000		YES			0.514	
130	1... PCB-169			NO	1.04	5.000	50.51		1.000		YES			0.571	
131	1... PCB-188			NO	1.15	5.000	42.57		1.001		YES			0.200	
132	1... PCB-184			NO	1.14	5.000	43.01		1.011		YES			0.202	
133	1... PCB-179			NO	1.07	5.000	43.81		1.030		YES			0.214	
134	1... PCB-176			NO	1.11	5.000	44.30		1.042		YES			0.207	
135	1... PCB-186			NO	1.23	5.000	44.92		1.056		YES			0.187	
136	1... PCB-178			NO	0.830	5.000	45.45		1.069		YES			0.278	
137	1... PCB-175			NO	0.853	5.000	45.81		1.077		YES			0.270	
138	1... PCB-182/187			NO	0.942	5.000	45.98		1.081		YES			0.245	
139	1... PCB-183			NO	0.910	5.000	46.30		1.089		YES			0.253	
140	1... PCB-185			NO	1.24	5.000	46.97		0.954		YES			0.359	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

Last Altered: Thursday, May 13, 2021 8:33:40 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 8:34:59 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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	1.20	5.000	47.34		0.961		YES			0.371	
142	1... PCB-181			NO	1.33	5.000	47.44		0.964		YES			0.334	
143	1... PCB-177			NO	1.14	5.000	47.64		0.967		YES			0.389	
144	1... PCB-171			NO	1.22	5.000	47.91		0.973		YES			0.365	
145	1... PCB-173			NO	1.07	5.000	48.37		0.982		YES			0.416	
146	1... PCB-172			NO	1.26	5.000	48.85		0.992		YES			0.353	
147	1... PCB-192			NO	1.61	5.000	49.03		0.996		YES			0.275	
148	1... PCB-180			NO	1.30	5.000	49.26		1.000		YES			0.341	
149	1... PCB-193			NO	1.47	5.000	49.47		1.005		YES			0.302	
150	1... PCB-191			NO	1.51	5.000	49.73		1.010		YES			0.295	
151	1... PCB-170			NO	1.23	5.000	50.93		1.000		YES			0.405	
152	1... PCB-190			NO	1.61	5.000	51.13		1.004		YES			0.310	
153	1... PCB-189			NO	1.27	5.000	52.71		1.000		YES			0.328	
154	1... PCB-202			NO	0.995	5.000	48.16		1.001		YES			0.200	
155	1... PCB-201			NO	0.904	5.000	48.65		1.011		YES			0.221	
156	1... PCB-204			NO	0.955	5.000	48.81		1.014		YES			0.209	
157	1... PCB-197			NO	0.964	5.000	49.13		1.021		YES			0.207	
158	1... PCB-200			NO	0.911	5.000	50.05		1.040		YES			0.219	
159	1... PCB-198			NO	0.696	5.000	51.68		1.074		YES			0.287	
160	1... PCB-199			NO	0.706	5.000	51.82		1.077		YES			0.282	
161	1... PCB-196/203			NO	0.754	5.000	52.12		1.083		YES			0.264	
162	1... PCB-195			NO	0.957	5.000	53.40		0.983		YES			0.298	
163	1... PCB-194	9.41e1	0.54	YES	1.06	5.000	54.34	54.34	1.000	1.000	NO	0.9059		0.369	0.6726
164	1... PCB-205			NO	1.27	5.000	54.60		1.005		YES			0.225	
165	1... PCB-208			NO	0.861	5.000	53.57		1.000		YES			0.222	
166	1... PCB-207			NO	0.849	5.000	53.90		1.007		YES			0.225	
167	1... PCB-206			NO	0.951	5.000	55.86		1.000		YES			0.305	
168	1... PCB-209			NO	0.863	5.000	57.12		1.000		YES			0.143	
169	1... 13C-PCB-1	9.82e5	3.27	NO	0.937	5.000	15.19	15.17	0.604	0.604	NO	1977	98.9	4.09	
170	1... 13C-PCB-3	8.99e5	3.26	NO	0.934	5.000	17.81	17.82	0.709	0.709	NO	1817	90.9	4.10	
171	1... 13C-PCB-4	5.75e5	1.60	NO	0.599	5.000	19.16	19.13	0.762	0.761	NO	1809	90.5	4.37	
172	1... 13C-PCB-9	8.80e5	1.59	NO	0.960	5.000	20.99	20.96	0.835	0.834	NO	1732	86.6	2.73	
173	1... 13C-PCB-11	7.56e5	1.63	NO	0.929	5.000	24.43	24.41	0.972	0.971	NO	1535	76.8	2.82	
174	1... 13C-PCB-19	5.60e5	1.00	NO	0.506	5.000	23.37	23.34	0.930	0.929	NO	2087	104	9.09	
175	1... 13C-PCB-32	7.69e5	1.03	NO	0.738	5.000	26.34	26.32	1.048	1.047	NO	1967	98.4	6.24	
176	1... 13C-PCB-28	8.34e5	1.01	NO	1.06	5.000	28.35	28.33	1.004	1.003	NO	2030	101	7.20	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

Last Altered: Thursday, May 13, 2021 8:33:40 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 8:34:59 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	5.42e5	0.92	NO	0.979	5.000	32.34	32.37	1.145	1.146	NO	1427	71.4	7.79	
178	1... 13C-PCB-54	7.16e5	0.78	NO	0.981	5.000	27.16	27.16	0.749	0.749	NO	1833	91.6	3.17	
179	1... 13C-PCB-52	5.37e5	0.78	NO	0.786	5.000	30.84	30.83	0.851	0.851	NO	1715	85.7	3.95	
180	1... 13C-PCB-47	5.62e5	0.74	NO	0.833	5.000	31.35	31.33	0.865	0.864	NO	1695	84.7	3.73	
181	1... 13C-PCB-70	5.84e5	0.78	NO	0.981	5.000	34.96	34.98	0.965	0.965	NO	1495	74.8	3.17	
182	1... 13C-PCB-80	6.34e5	0.79	NO	1.01	5.000	35.41	35.42	0.977	0.977	NO	1572	78.6	3.06	
183	1... 13C-PCB-81	5.55e5	0.76	NO	0.995	5.000	38.60	38.63	1.065	1.066	NO	1401	70.1	3.12	
184	1... 13C-PCB-77	5.04e5	0.78	NO	0.977	5.000	39.20	39.26	1.082	1.083	NO	1296	64.8	3.18	
185	1... 13C-PCB-104	7.26e5	1.56	NO	1.00	5.000	32.00	32.00	0.825	0.825	NO	1840	92.0	1.30	
186	1... 13C-PCB-95	5.01e5	1.62	NO	0.779	5.000	35.30	35.28	0.910	0.909	NO	1637	81.8	1.68	
187	1... 13C-PCB-101	5.29e5	1.59	NO	0.833	5.000	37.01	37.03	0.954	0.954	NO	1618	80.9	1.57	
188	1... 13C-PCB-97	4.24e5	1.56	NO	0.679	5.000	38.35	38.37	0.988	0.988	NO	1590	79.5	1.92	
189	1... 13C-PCB-123	4.94e5	1.60	NO	0.970	5.000	41.00	41.01	1.056	1.057	NO	1298	64.9	1.35	
190	1... 13C-PCB-118	5.48e5	1.56	NO	1.00	5.000	41.19	41.19	1.061	1.061	NO	1393	69.6	1.30	
191	1... 13C-PCB-114	4.08e5	1.60	NO	1.55	5.000	41.87	41.87	0.907	0.907	NO	1416	70.8	4.26	
192	1... 13C-PCB-105	3.96e5	1.51	NO	1.59	5.000	42.77	42.76	0.927	0.927	NO	1336	66.8	4.14	
193	1... 13C-PCB-127	4.18e5	1.54	NO	1.66	5.000	43.13	43.12	0.934	0.934	NO	1354	67.7	3.98	
194	1... 13C-PCB-126	3.17e5	1.57	NO	1.65	5.000	45.06	45.11	0.976	0.977	NO	1036	51.8	4.01	
195	1... 13C-PCB-155	6.74e5	1.28	NO	0.819	5.000	36.55	36.54	0.942	0.941	NO	2095	105	0.874	
196	1... 13C-PCB-153	3.95e5	1.22	NO	1.31	5.000	42.93	42.91	0.930	0.930	NO	1615	80.7	3.52	
197	1... 13C-PCB-141	3.21e5	1.29	NO	1.08	5.000	43.68	43.69	0.947	0.947	NO	1593	79.7	4.27	
198	1... 13C-PCB-138	3.30e5	1.23	NO	1.15	5.000	44.55	44.56	0.965	0.966	NO	1540	77.0	4.01	
199	1... 13C-PCB-159	3.63e5	1.30	NO	1.39	5.000	45.89	45.89	0.994	0.994	NO	1399	69.9	3.32	
200	2... 13C-PCB-167	3.86e5	1.21	NO	1.43	5.000	46.59	46.61	1.010	1.010	NO	1453	72.6	3.24	
201	2... 13C-PCB-156	3.33e5	1.28	NO	1.34	5.000	47.90	47.93	1.038	1.039	NO	1337	66.9	3.45	
202	2... 13C-PCB-157	3.62e5	1.34	NO	1.36	5.000	48.19	48.20	1.044	1.044	NO	1431	71.6	3.40	
203	2... 13C-PCB-169	3.13e5	1.26	NO	1.33	5.000	50.47	50.49	1.094	1.094	NO	1263	63.1	3.47	
204	2... 13C-PCB-188	4.16e5	0.44	NO	1.39	5.000	42.55	42.53	0.925	0.925	NO	1700	85.0	1.46	
205	2... 13C-PCB-180	2.30e5	0.44	NO	0.907	5.000	49.25	49.24	1.071	1.071	NO	1439	71.9	2.25	
206	2... 13C-PCB-170	2.11e5	0.45	NO	0.823	5.000	50.92	50.91	1.107	1.107	NO	1455	72.8	2.48	
207	2... 13C-PCB-189	2.37e5	0.44	NO	1.08	5.000	52.70	52.69	1.146	1.146	NO	1249	62.4	1.89	
208	2... 13C-PCB-202	3.96e5	0.89	NO	1.23	5.000	48.14	48.12	1.047	1.047	NO	1826	91.3	1.09	
209	2... 13C-PCB-194	1.96e5	0.90	NO	0.710	5.000	54.34	54.33	0.995	0.995	NO	1563	78.2	1.68	
210	2... 13C-PCB-208	2.59e5	0.81	NO	0.865	5.000	53.53	53.55	0.980	0.981	NO	1697	84.9	1.69	
211	2... 13C-PCB-206	1.74e5	0.78	NO	0.623	5.000	55.87	55.85	1.023	1.023	NO	1581	79.1	2.35	
212	2... 13C-PCB-209	2.30e5	1.15	NO	0.725	5.000	57.11	57.12	1.046	1.046	NO	1798	89.9	0.749	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-5.qld

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Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-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	1.06e6	1.65	NO	1.00	5.000	25.11	25.14	1.000	0.000	NO	2000	100	2.62	
214	2... 13C-PCB-31	7.76e5	1.03	NO	1.00	5.000	28.23	28.24	1.000	0.000	NO	2000	100	7.63	
215	2... 13C-PCB-60	7.96e5	0.75	NO	1.00	5.000	36.25	36.24	1.000	0.000	NO	2000	100	3.11	
216	2... 13C-PCB-111	7.86e5	1.63	NO	1.00	5.000	38.82	38.81	1.000	0.000	NO	2000	100	1.31	
217	2... 13C-PCB-128	3.72e5	1.27	NO	1.00	5.000	46.16	46.15	1.000	0.000	NO	2000	100	4.62	
218	2... 13C-PCB-182	3.52e5	0.45	NO	1.00	5.000	45.99	45.98	0.000	0.000	NO	2000	100	2.04	
219	2... 13C-PCB-205	3.53e5	0.87	NO	1.00	5.000	54.64	54.60	1.000	0.000	NO	2000	100	1.19	
220	2... 13C-PCB-79	7.02e5	0.77	NO	1.04	5.000	37.34	37.38	1.030	1.031	NO	1703	85.2	3.00	
221	2... 13C-PCB-178	2.97e5	0.46	NO	0.774	5.000	45.43	45.41	0.988	0.988	NO	2060	103	2.66	
222	2... 13C-PCB-79	5.96e5	0.79	NO	1.04	5.000	37.36	37.38	0.967	0.968	NO	2064	103	4.97	
223	2... 13C-PCB-178	2.96e5	0.45	NO	1.02	5.000	45.43	45.41	0.923	0.922	NO	2528	126	3.19	
224	2... Total Mono-PCBs				1.00	5.000	0.00		0.000		NO			0.896	0.333
225	2... Total Di-PCBs				1.04	5.000	0.00		0.000		NO			0.41	1.35
226	2... 2nd Function Tri-PCBs				0.943	5.000	0.00		0.000		NO			2.71	>0.821
227	2... 3rd Function Tri-PCBs				0.969	5.000	0.00		0.000		NO			8.13	
228	2... Total Tetra-PCBs				0.991	5.000	0.00		0.000		NO			12.9	0.604
229	2... 3rd Function Penta-PCBs				1.11	5.000	0.00		0.000		NO			9.92	>0.576
230	2... 4th Function Penta-PCBs				1.05	5.000	0.00		0.000		NO			2.29	
231	2... 3rd Function Hexa-PCBs				0.791	5.000	0.00		0.000		NO			3.84	>0.571
232	2... 4th Function Hexa-PCBs				0.946	5.000	0.00		0.000		NO			9.12	
233	2... Total Hepta-PCBs				1.20	5.000	0.00		0.000		NO			6.80	0.416
234	2... 4th Function Octa-PCBs				0.860	5.000	0.00		0.000		NO			1.89	
235	2... 5th Function Octa-PCBs				1.10	5.000	0.00		0.000		NO	0.0000		0.793	0.6726
236	2... Total Nona-PCBs				0.887	5.000	0.00		0.000		NO			0.758	0.305
237	2... Deca-CB				0.863	5.000	0.00		0.000		NO			0.143	
238	2... Total PCBs														

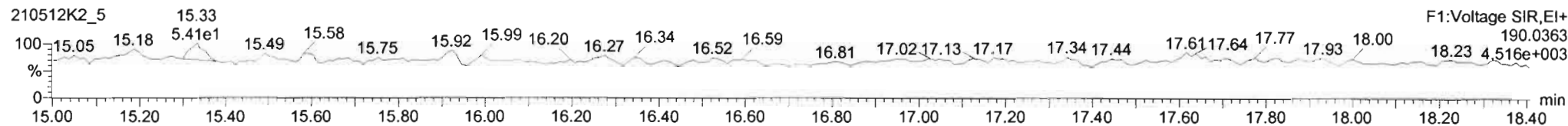
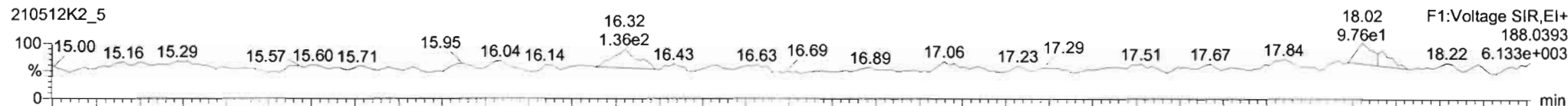
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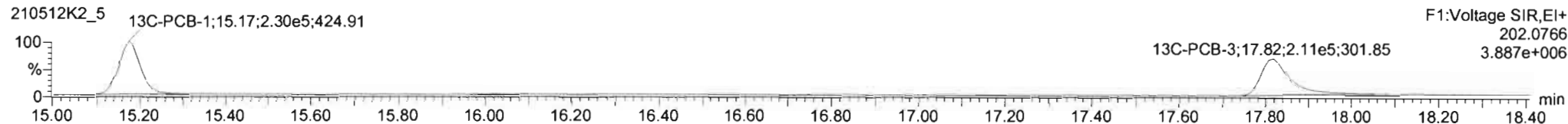
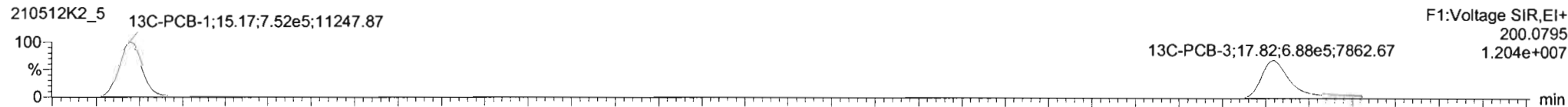
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Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

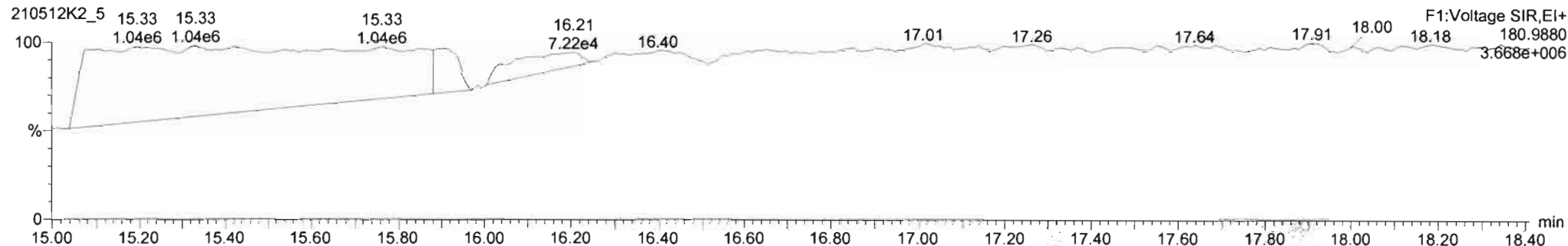
PCB-1



13C-PCB-1



PFK1

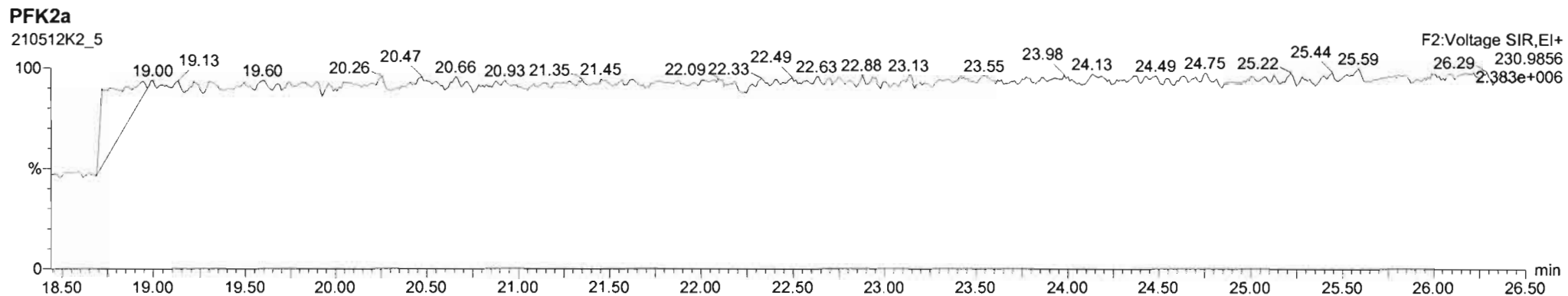
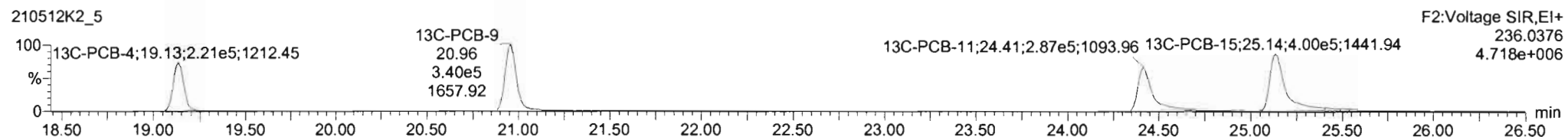
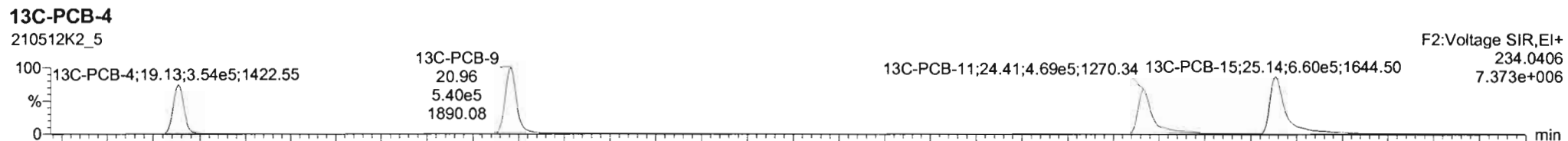
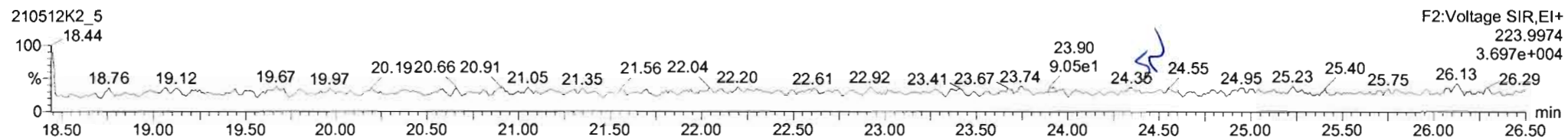
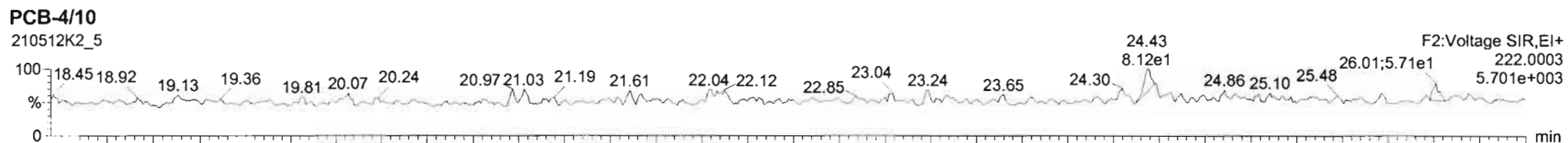


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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

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Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank



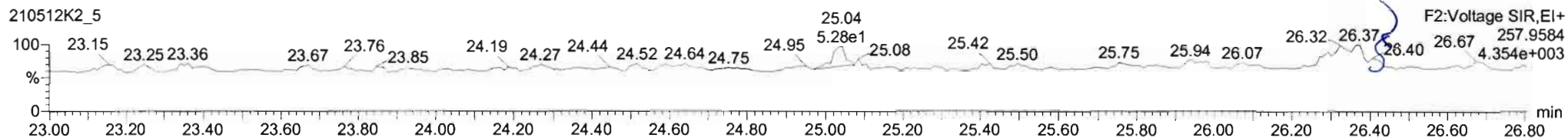
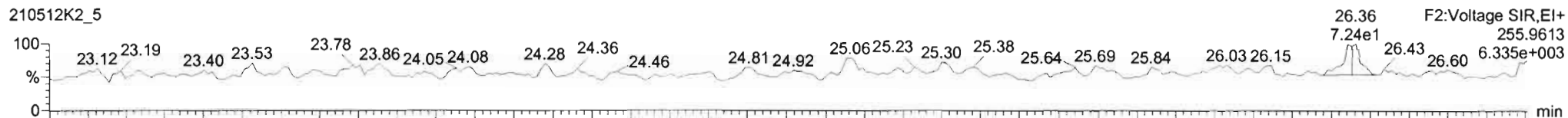
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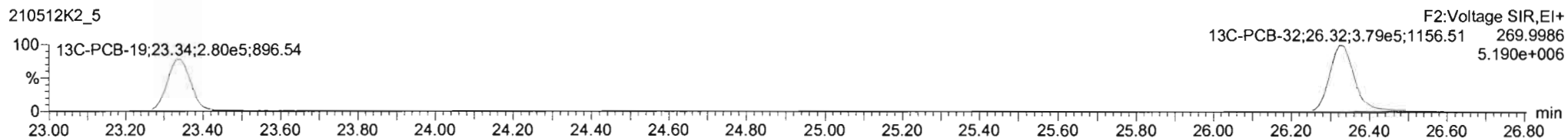
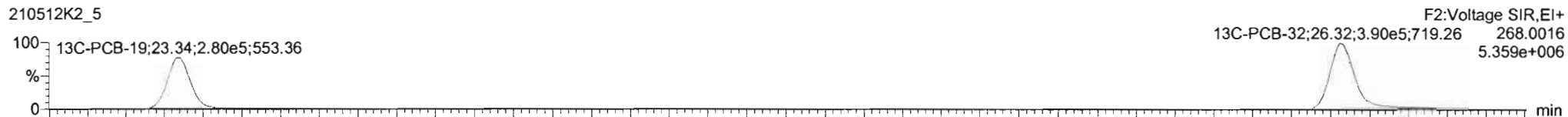
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Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

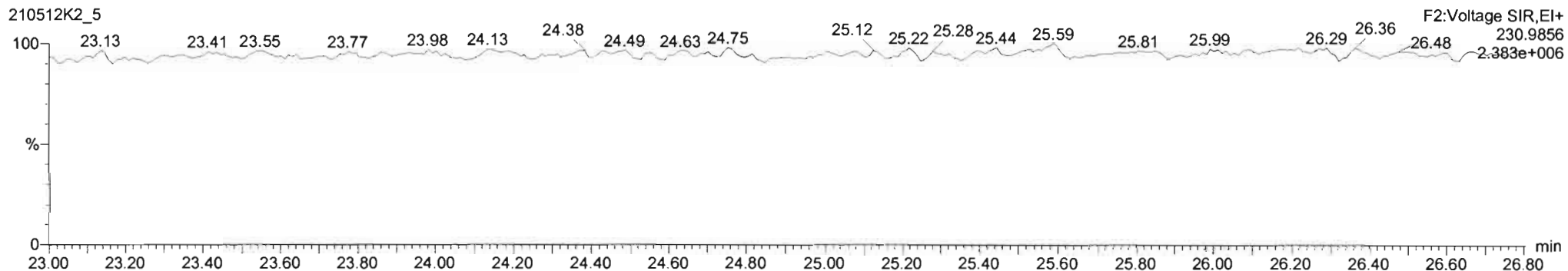
PCB-19



13C-PCB-19

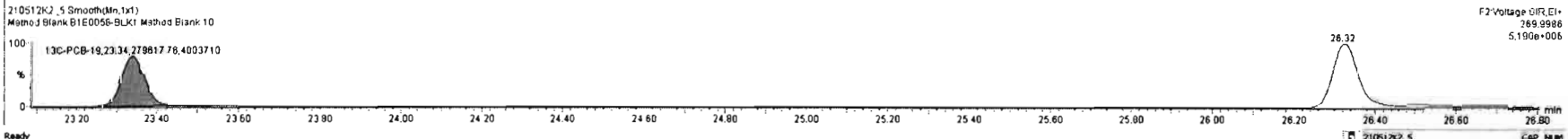
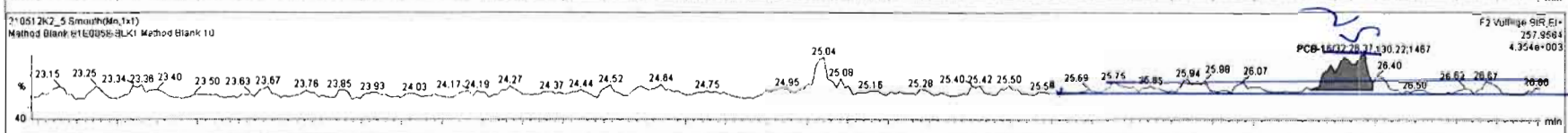
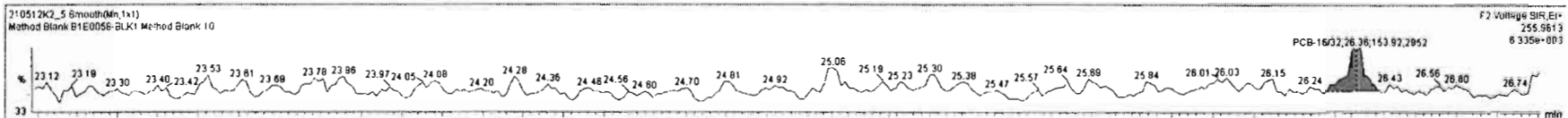


PFK2b



#	Name	Resp	RA	rly	RPF	wtVol	Prod RT	RT	Prod R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00		0.000		NO			0.896	
225	Total Di-PCBs				1.0367	5.000	0.00		0.000		NO			9.11	
226	2nd Function Tri-PCBs				0.8424	5.000	0.00		0.000		NO	0.8952		2.58	0.8802
227	3rd Function Tri-PCBs				0.9687	5.000	0.00		0.000		NO			8.13	
228	Total Tetra-PCBs				0.9810	5.000	0.00		0.000		NO			12.0	
229	3rd Function Penta-PCBs				1.1133	5.000	0.00		0.000		NO			9.92	
230	4th Function Penta-PCBs				1.0512	5.000	0.00		0.000		NO			7.29	
231	3rd Function Hexa-PCBs				0.7810	5.000	0.00		0.000		NO			3.04	
232	4th Function Hexa-PCBs				0.9444	5.000	0.00		0.000		NO			4.17	

#	Name	Prod RT	RT	m1 Resp	m2 Resp	1* Ratio (Prod)	RA	rly	EMPC	Conc.
17	PCB-1632	26.34	26.36	1.539e2	1.302e2	1.040	1.18	NO	0.89673	0.88623



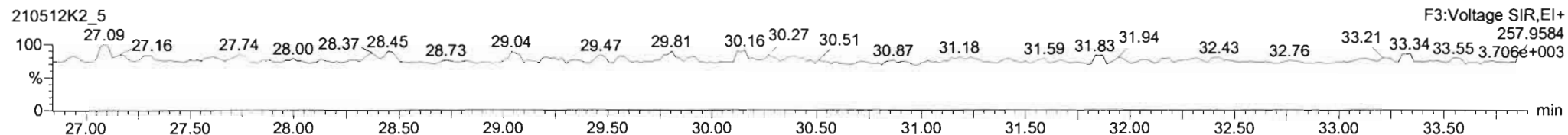
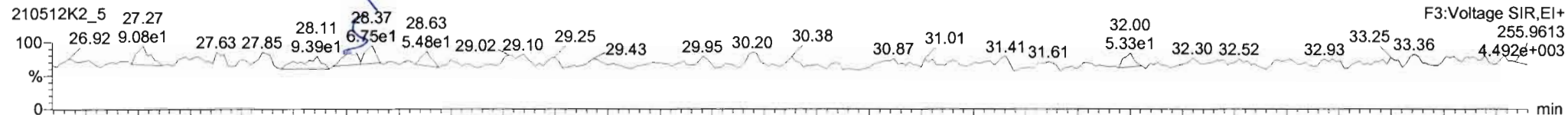
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

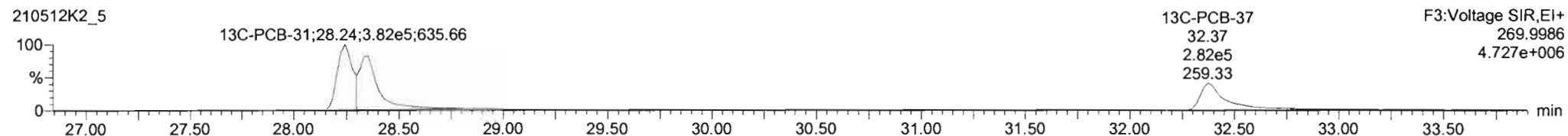
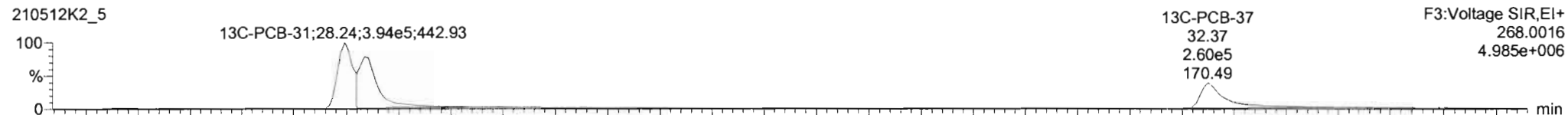
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

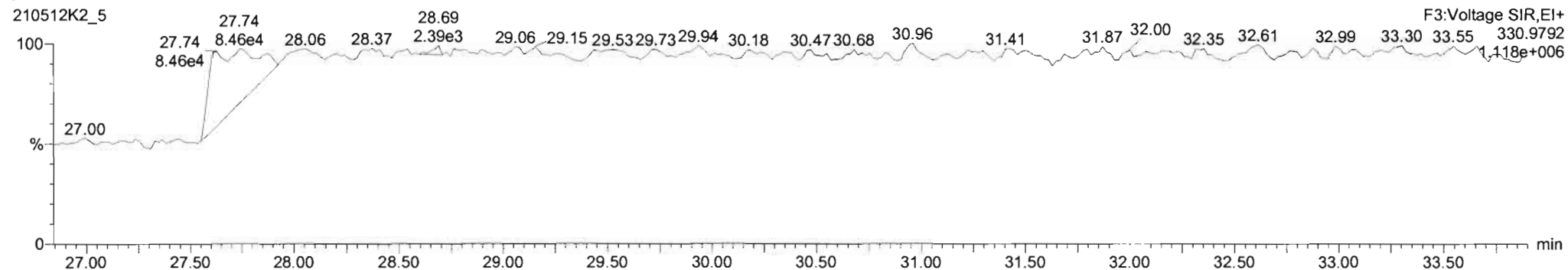
PCB-34



13C-PCB-28



PFK3d



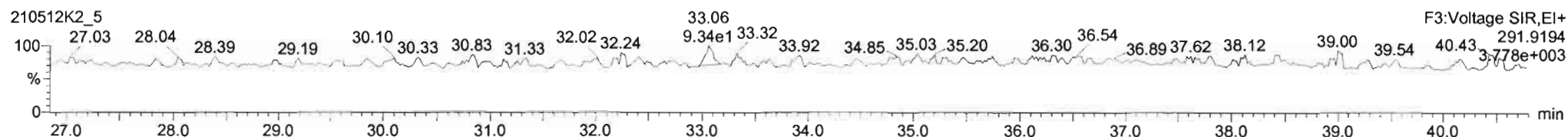
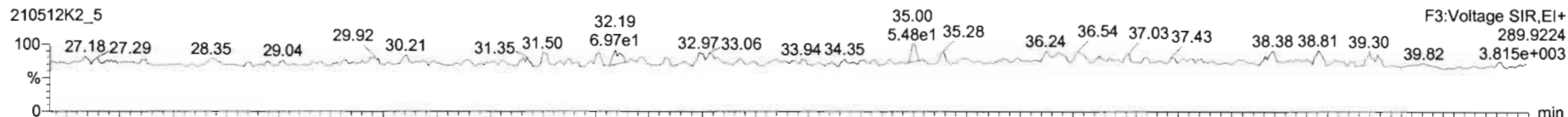
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

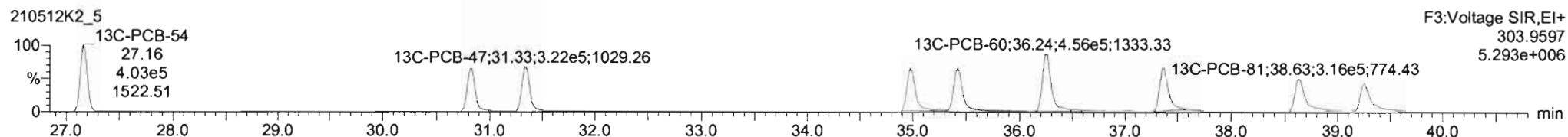
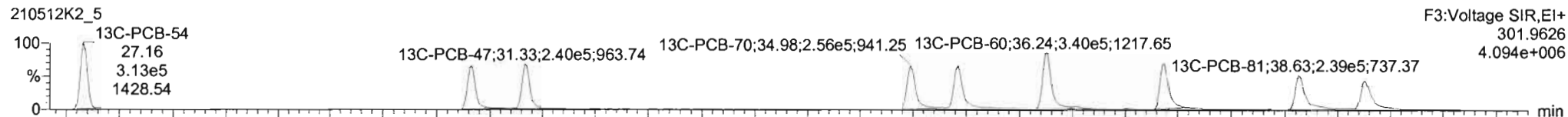
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

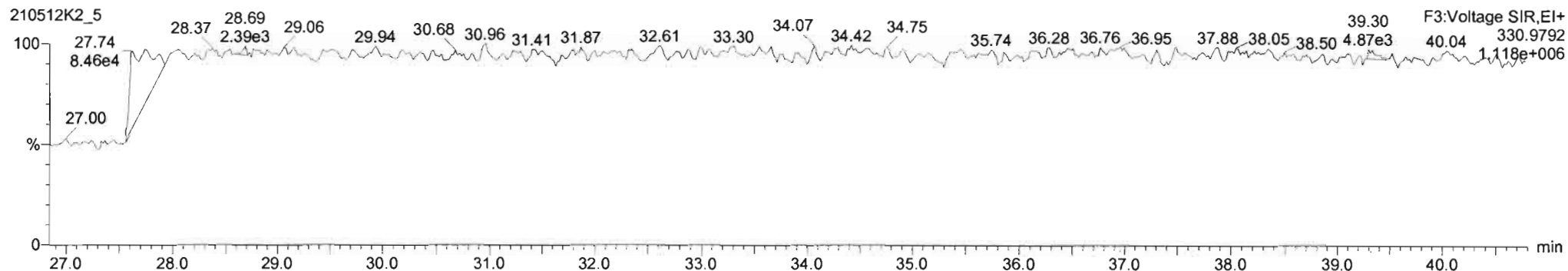
PCB-54



13C-PCB-54



PFK3a

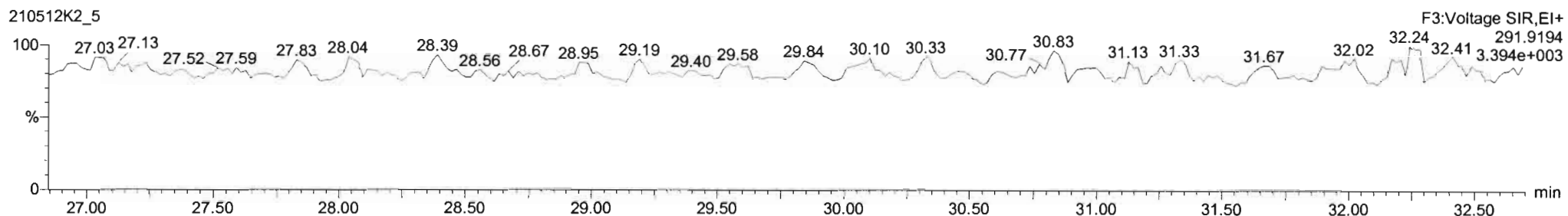
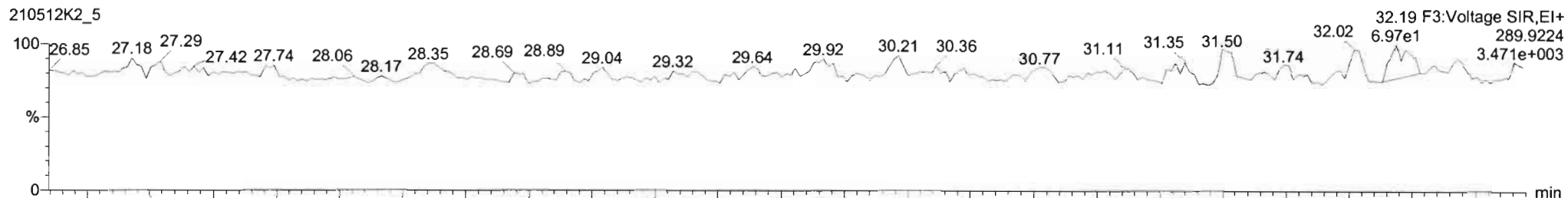


Dataset: Untitled

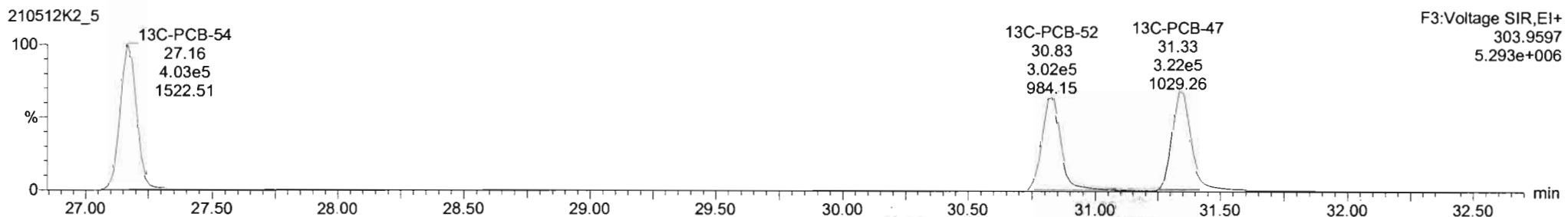
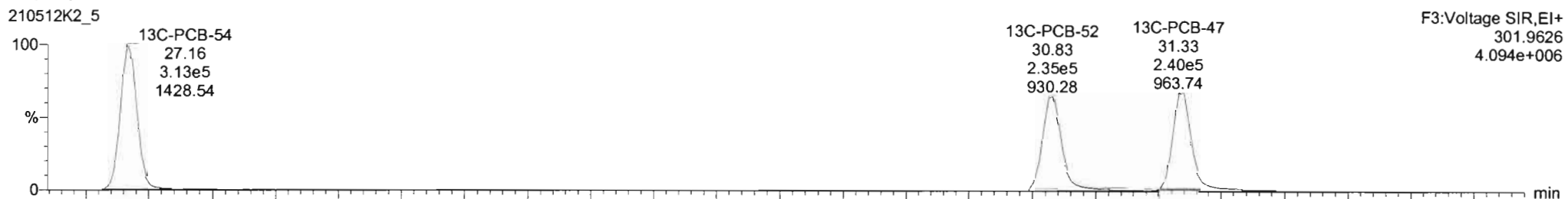
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

PCB-50



13C-PCB-52



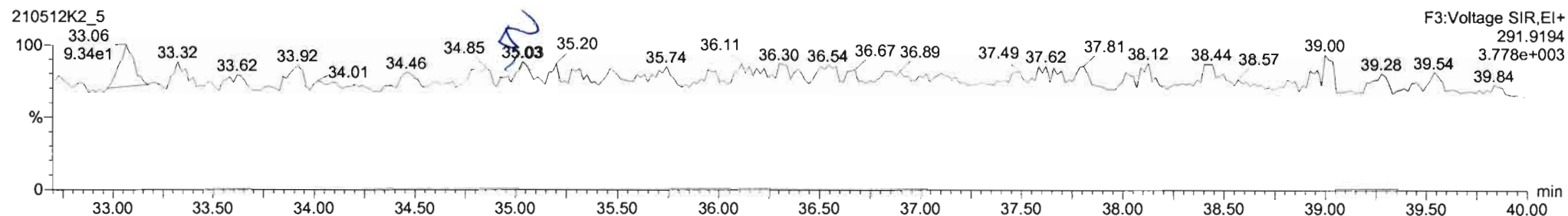
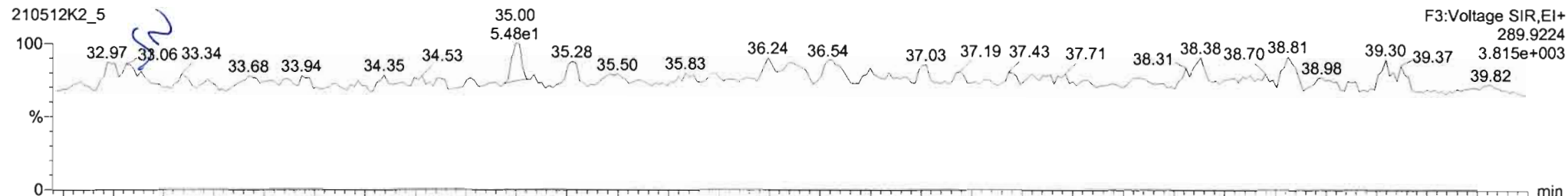
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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

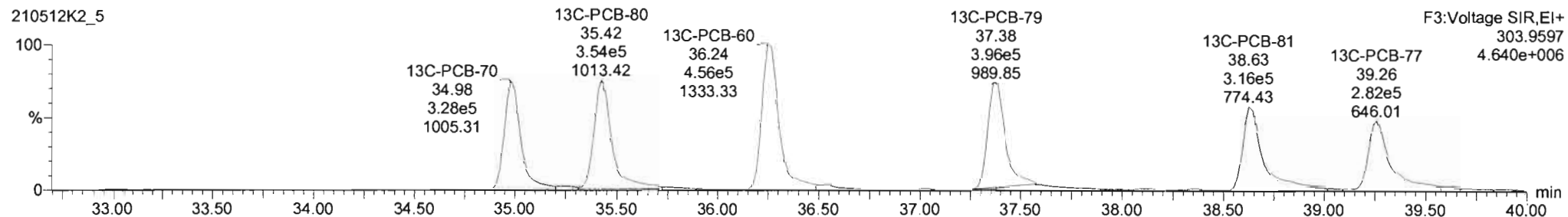
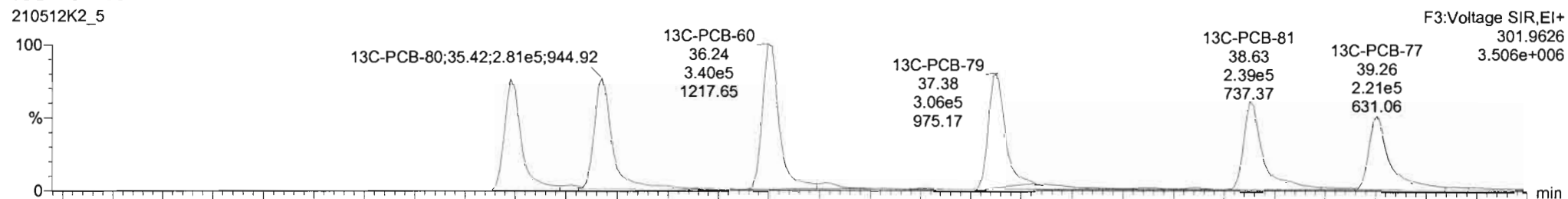
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

PCB-68



13C-PCB-60



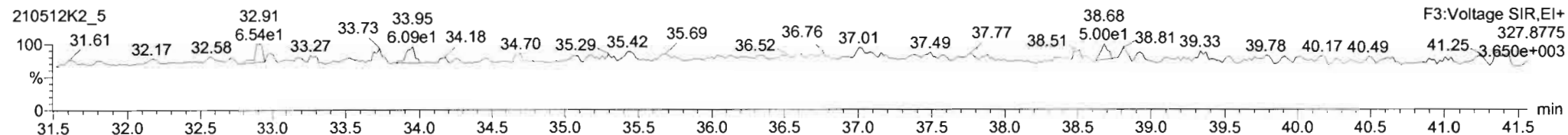
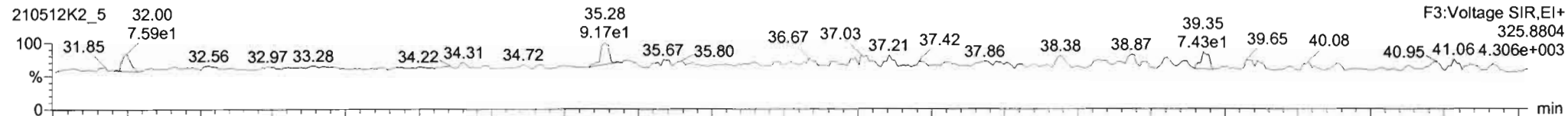
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

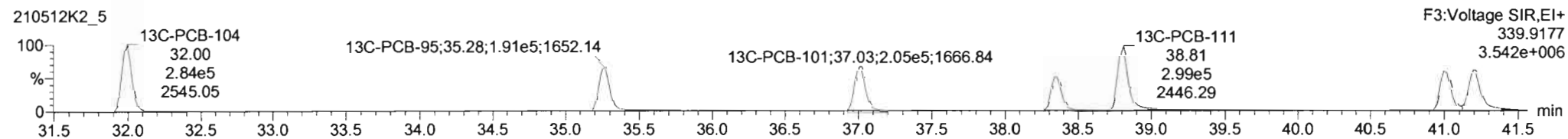
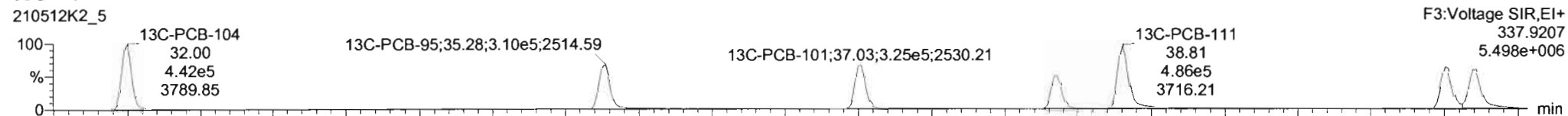
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

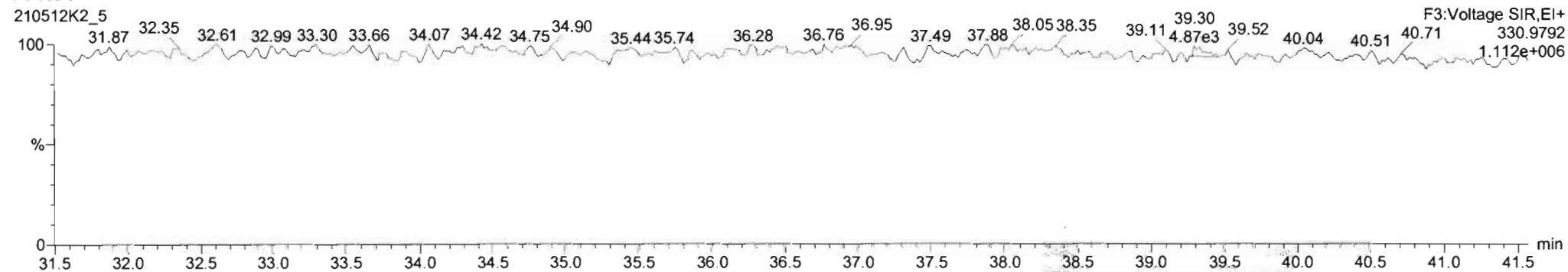
PCB-104



13C-PCB-104



PFK3b



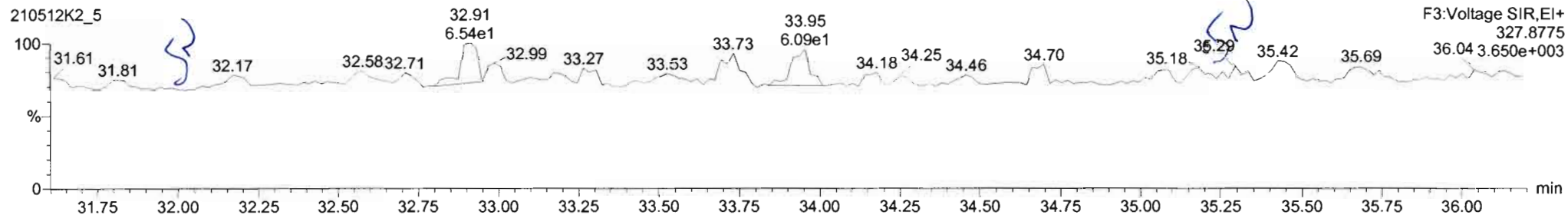
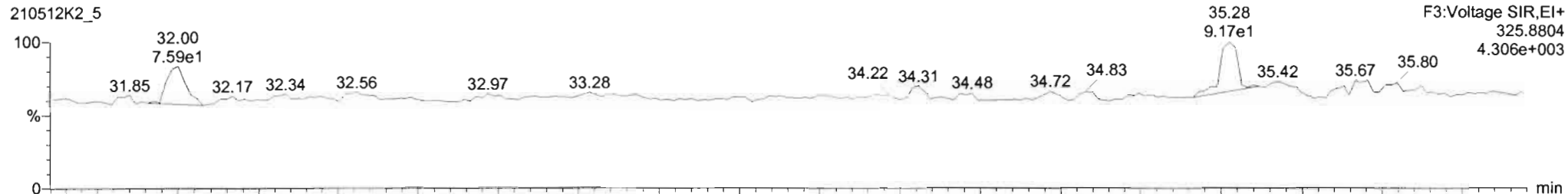
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

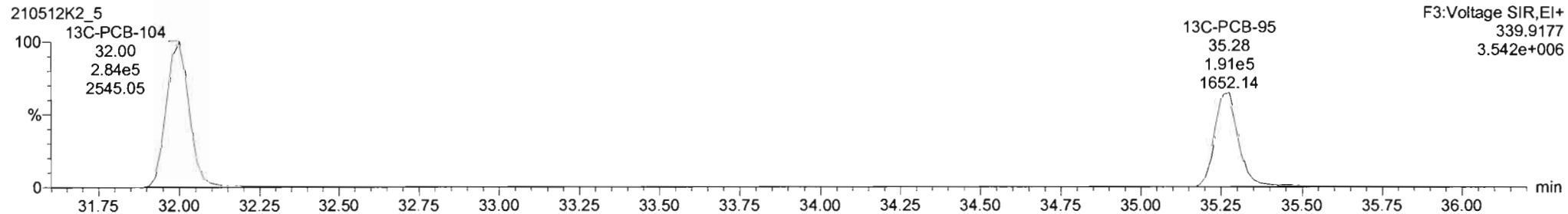
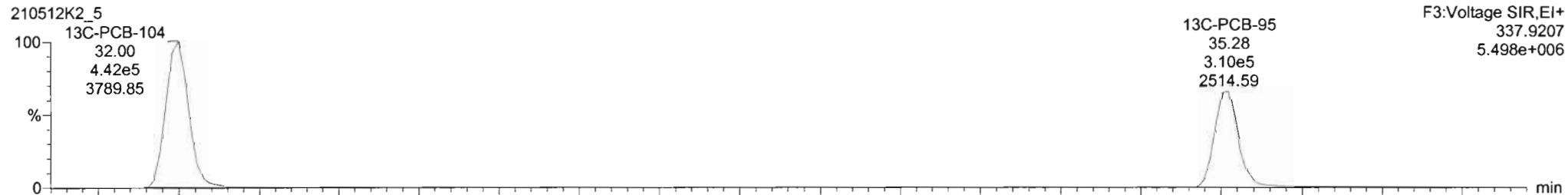
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

PCB-96



13C-PCB-95

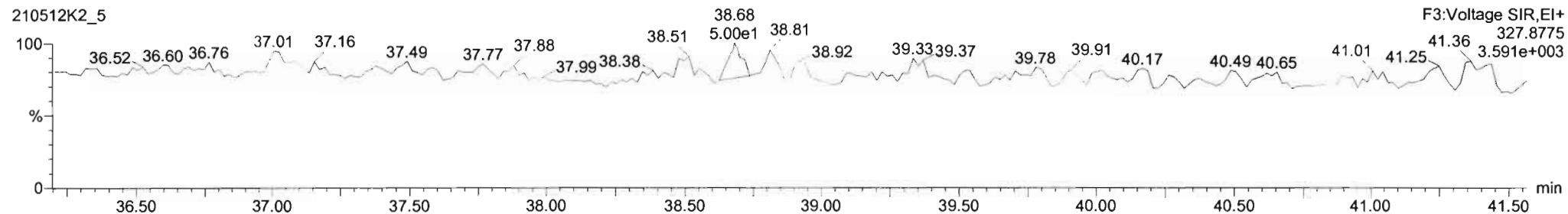
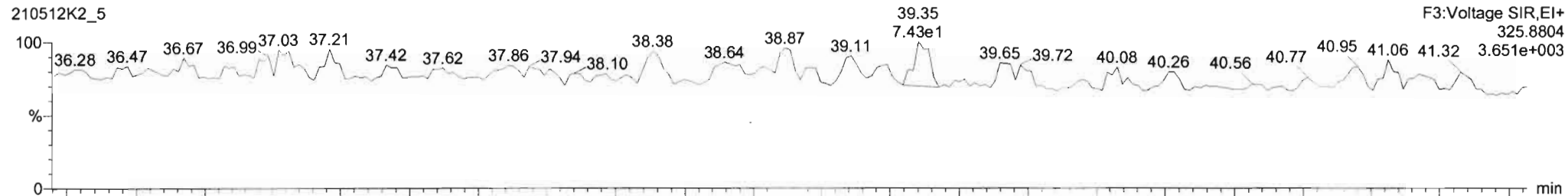


Dataset: Untitled

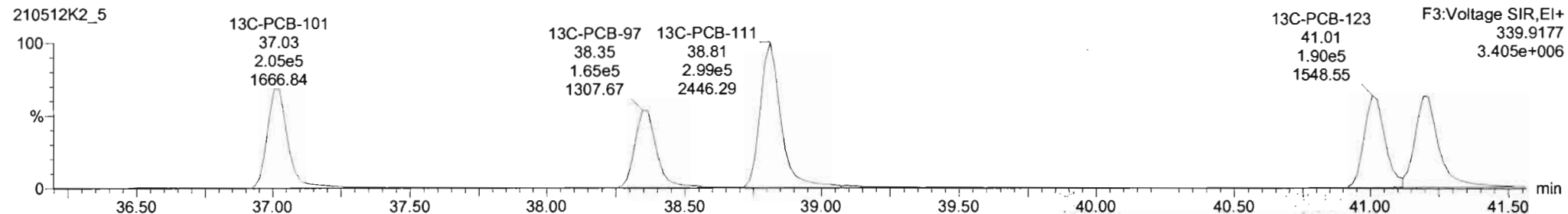
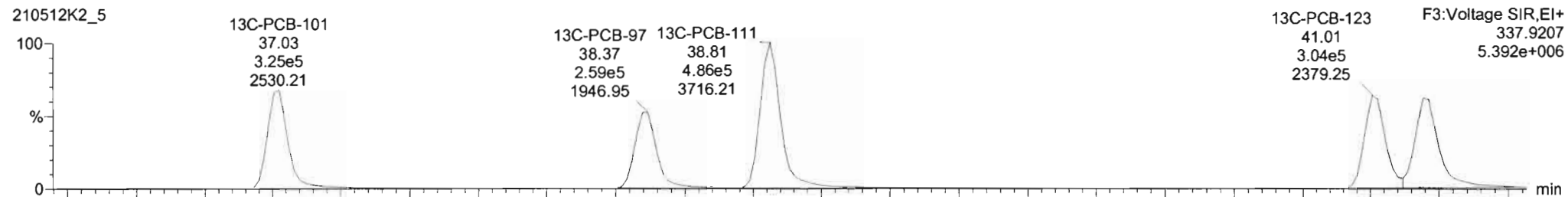
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

PCB-119



13C-PCB-111



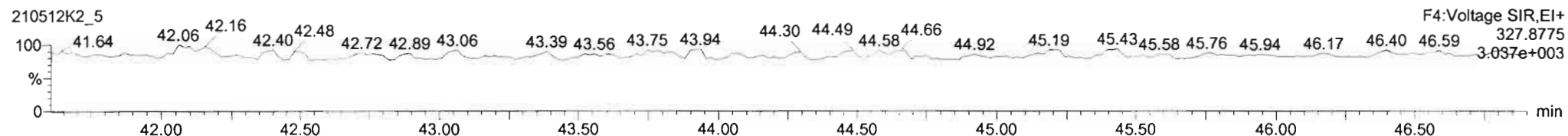
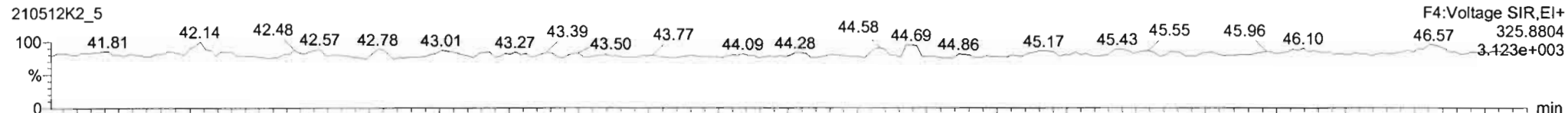
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

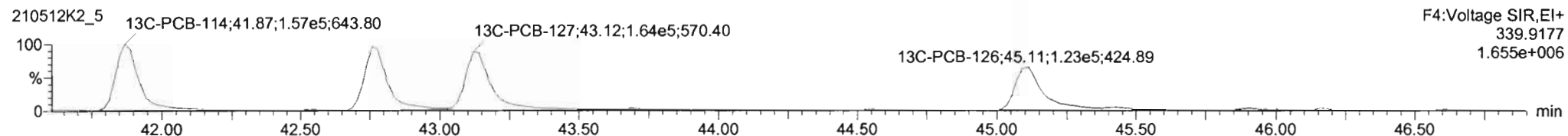
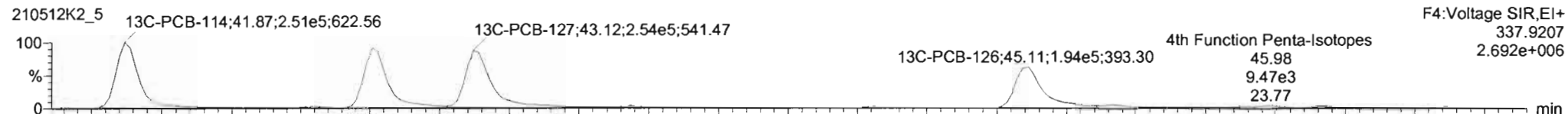
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

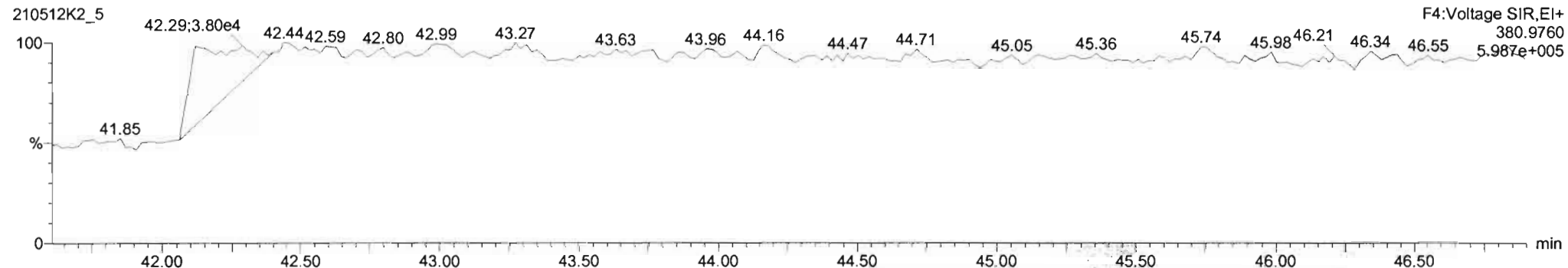
PCB-114



13C-PCB-114



PFK4a

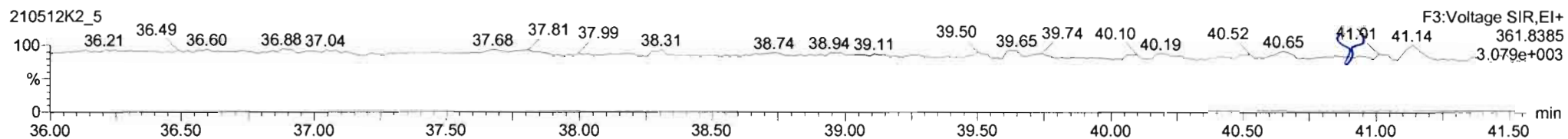
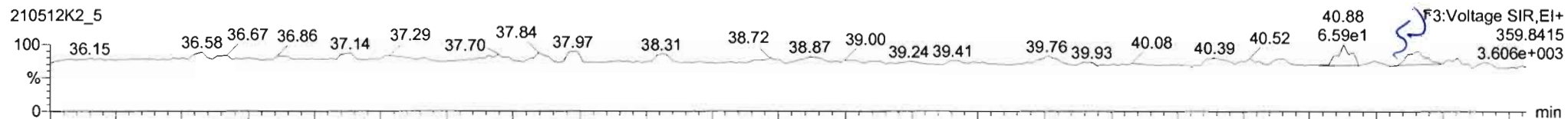


Dataset: Untitled

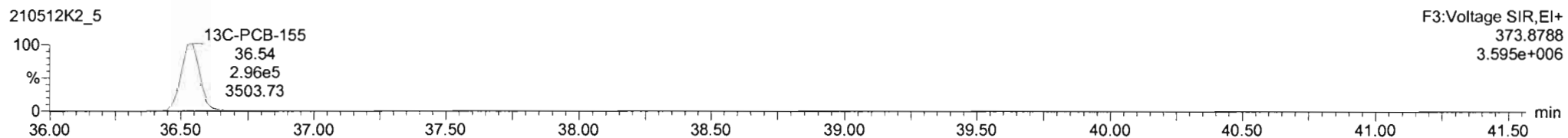
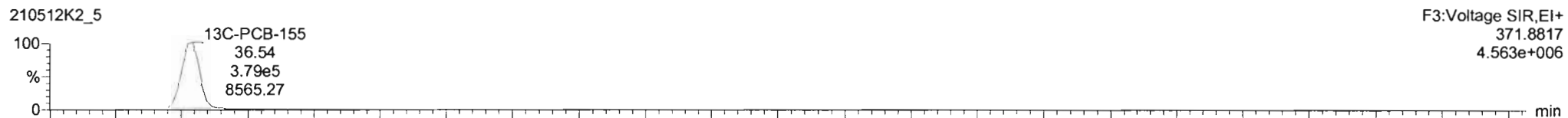
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

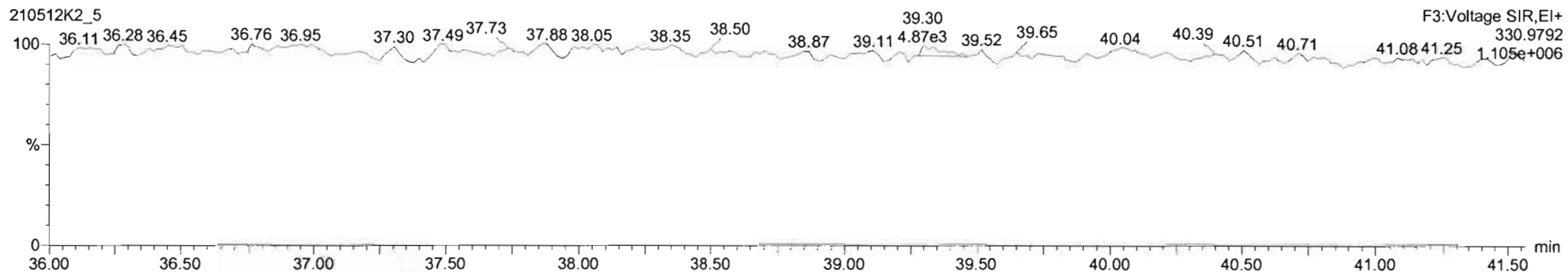
PCB-155



13C-PCB-155



PFK3c



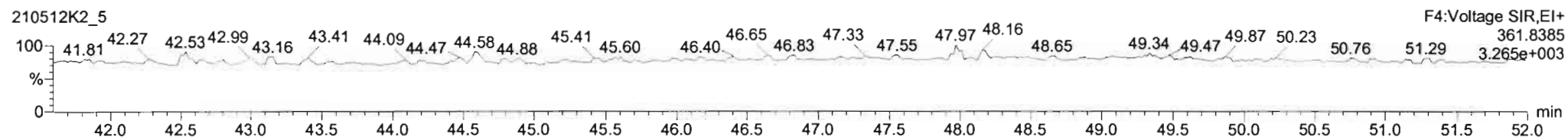
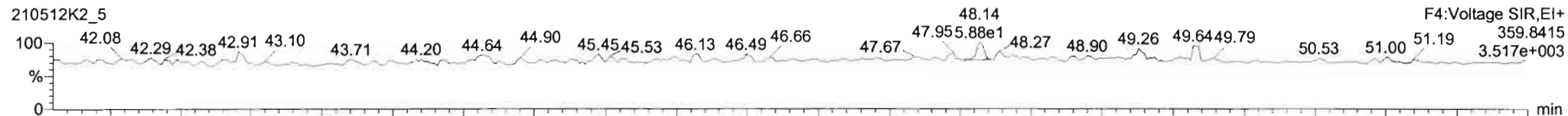
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

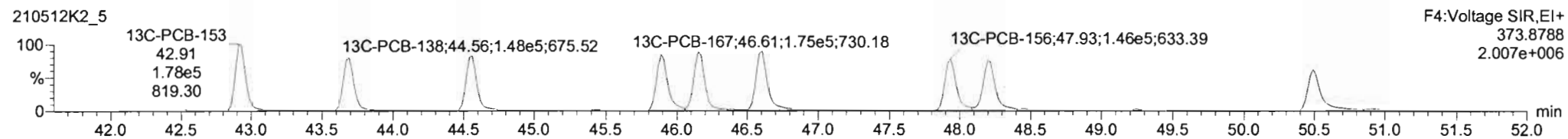
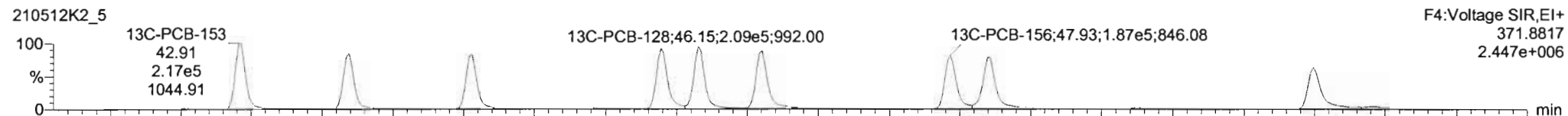
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

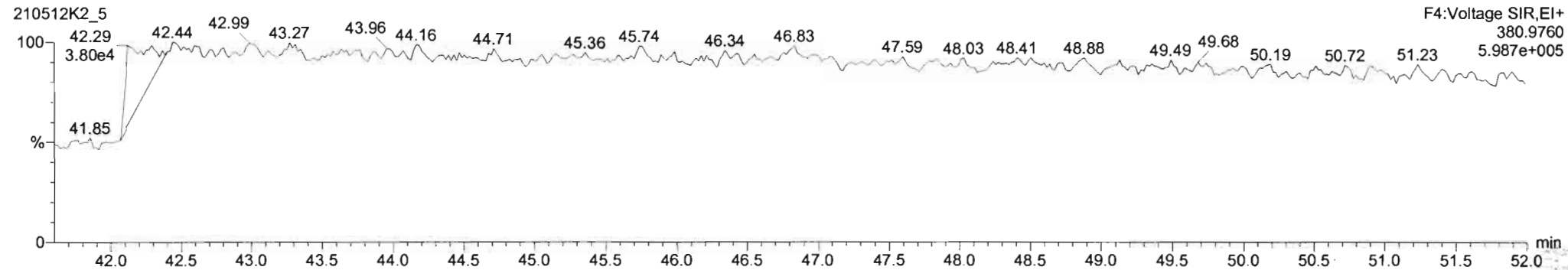
PCB-134/143



13C-PCB-153



PFK4b



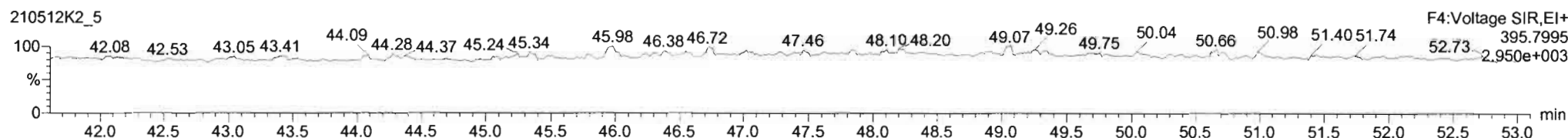
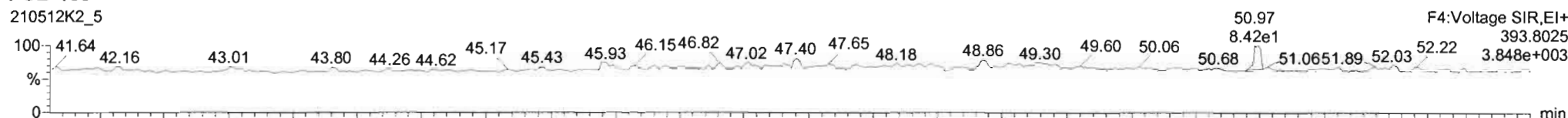
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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

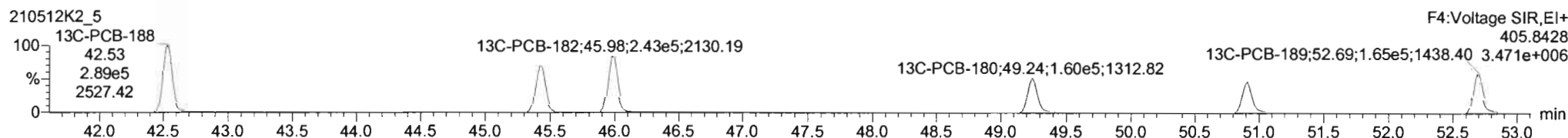
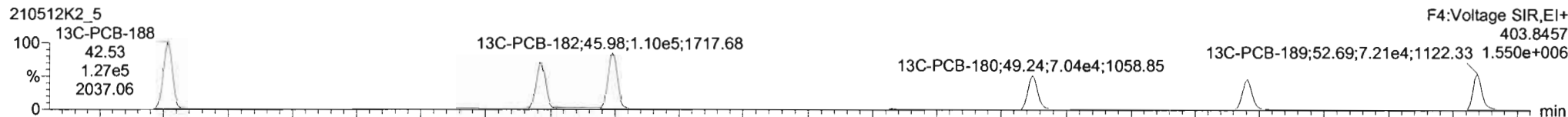
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

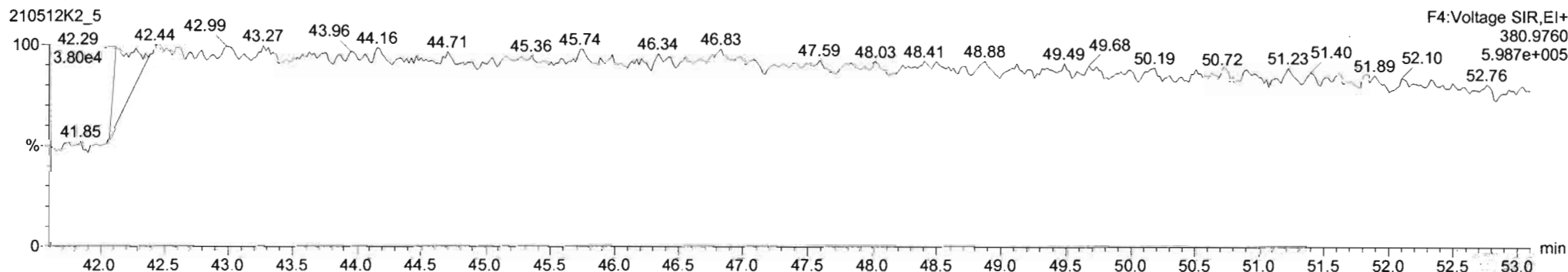
PCB-188



13C-PCB-188



PFK4c



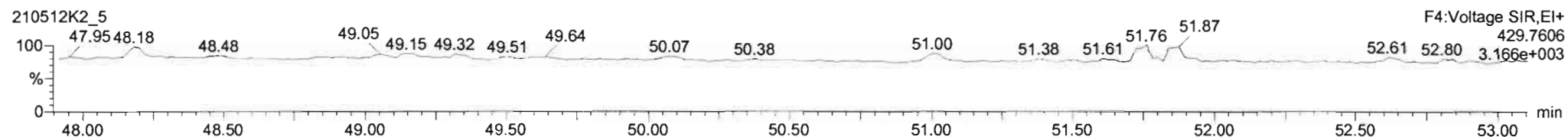
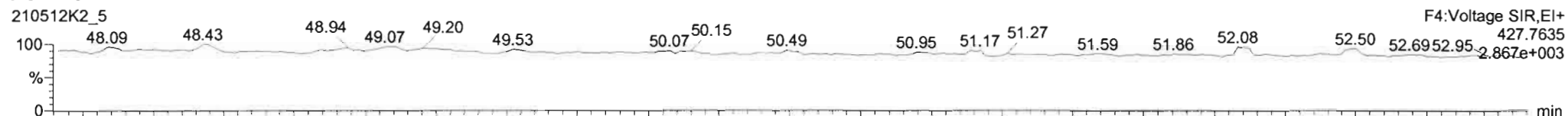
Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

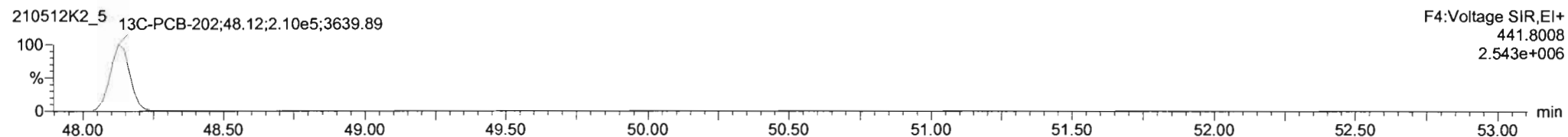
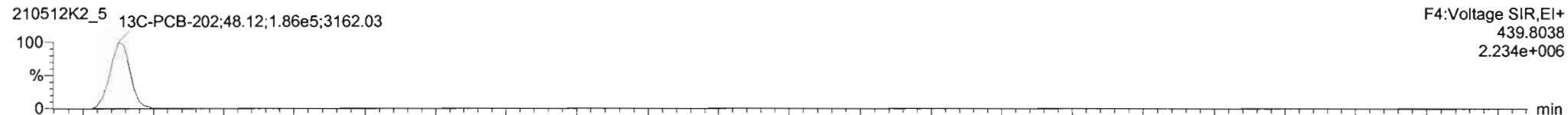
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

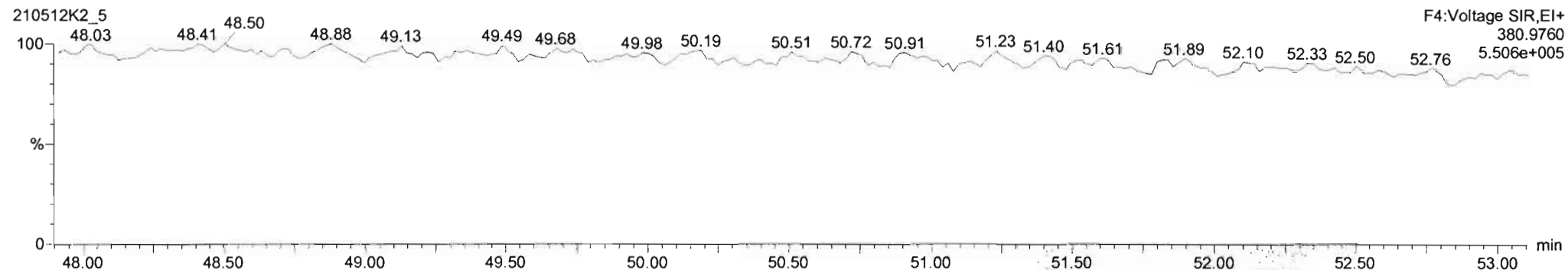
PCB-202



13C-PCB-202



PFK4d



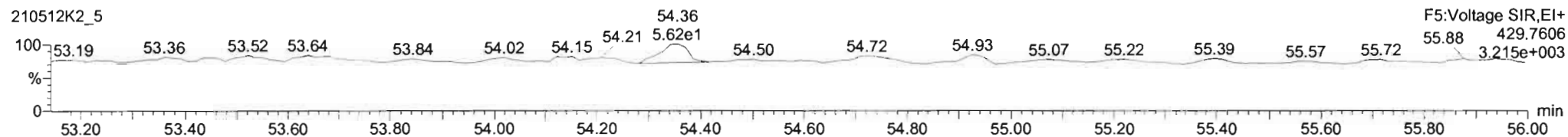
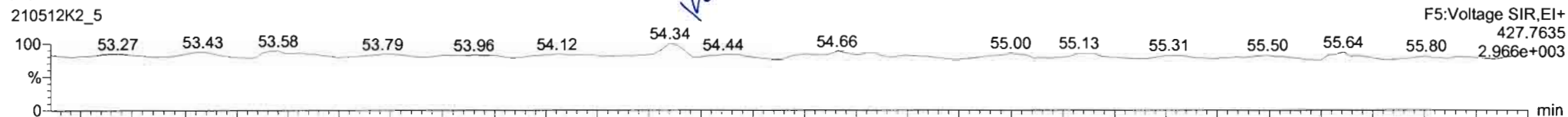
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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

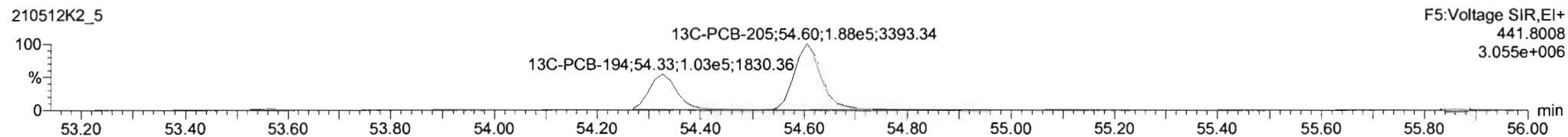
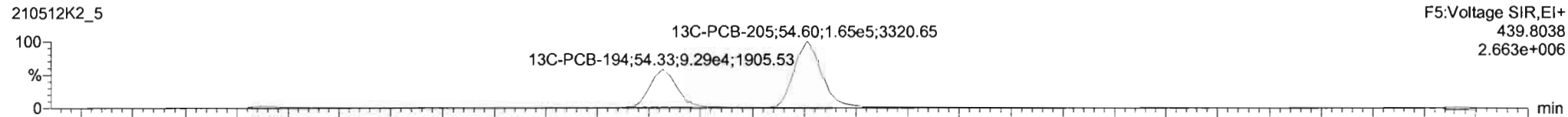
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

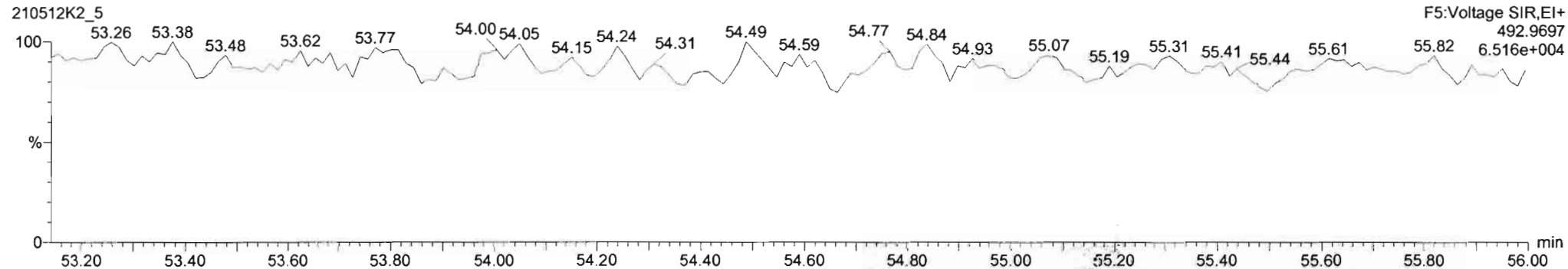
PCB-195



13C-PCB-194

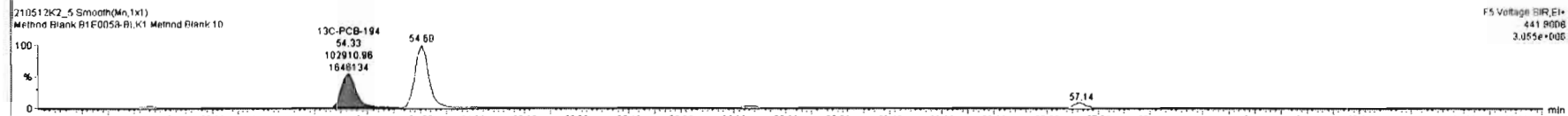
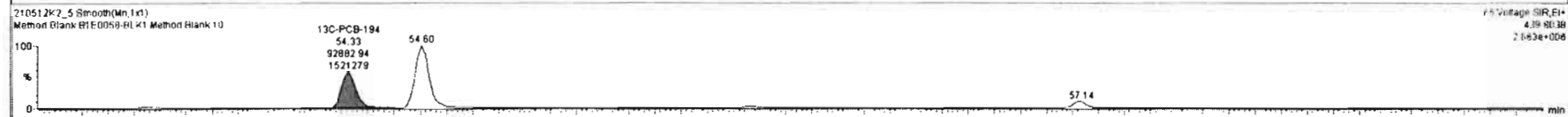
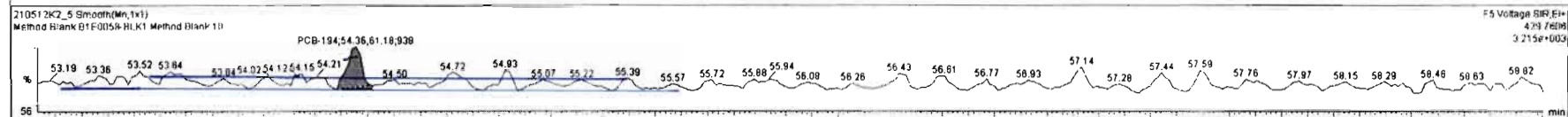
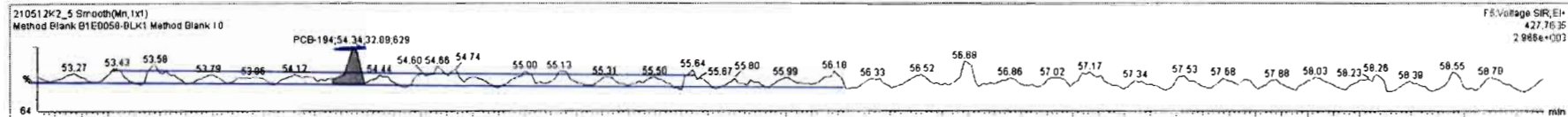


PFK5a



#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred RT	RT	Pred R...	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs		1.2043		5.000	0.00	0.000		0.000		NO			6.90	
234	234 4th Function Octa-PCBs		0.8605		5.000	0.00	0.000		0.000		NO			1.88	
235	235 5th Function Octa-PCBs		1.0857		5.000	0.00	0.000		0.000		NO	0.0000		0.793	0.8728
236	236 Total Nona-PCBs		0.8871		5.000	0.00	0.000		0.000		NO			0.753	
237	237 Deca-CB		0.8627		5.000	0.00	0.000		0.000		NO			0.143	
238	238 Total PCBs														
239	239 Total Mono-Isotopes														
240	240 Total Di-Isotopes														

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	163 PCB-194	54.34	54.34	3.289e1	6.119e1	0.890	0.54	YES	0.87281	0.00000

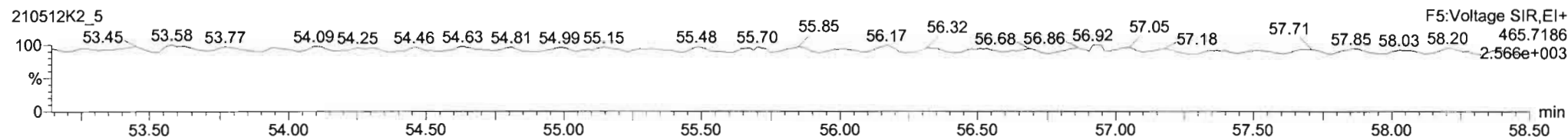
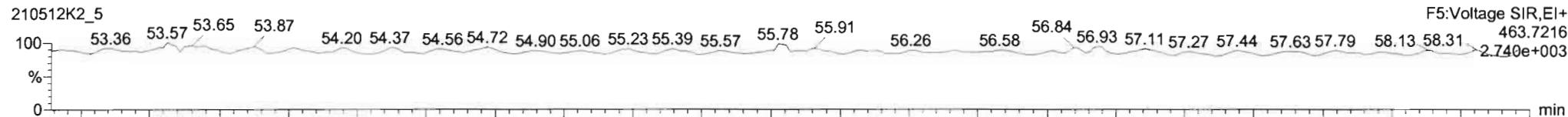


Dataset: Untitled

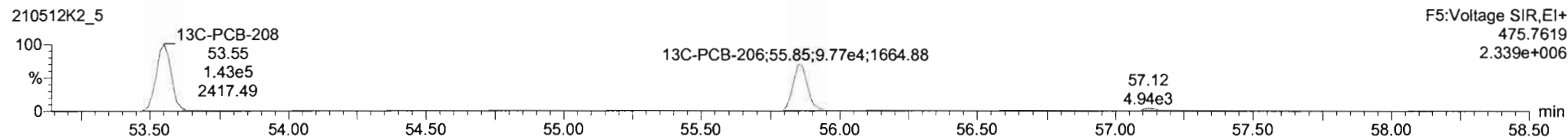
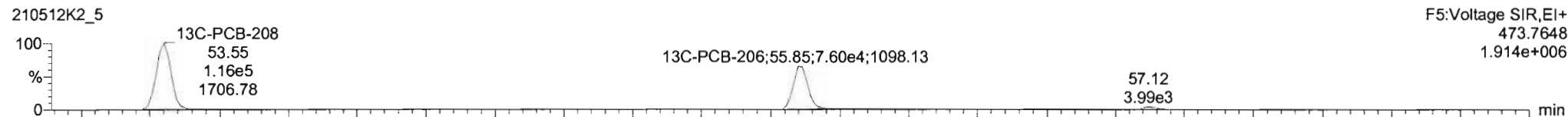
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

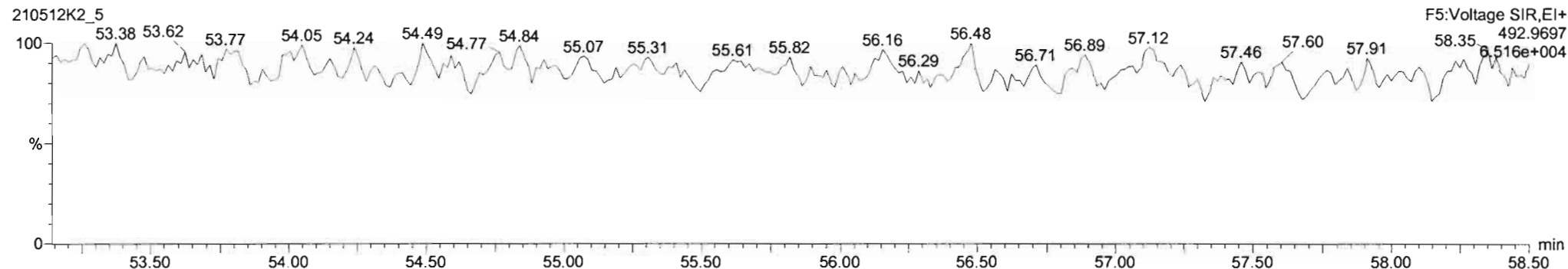
PCB-208



13C-PCB-208



PFK5

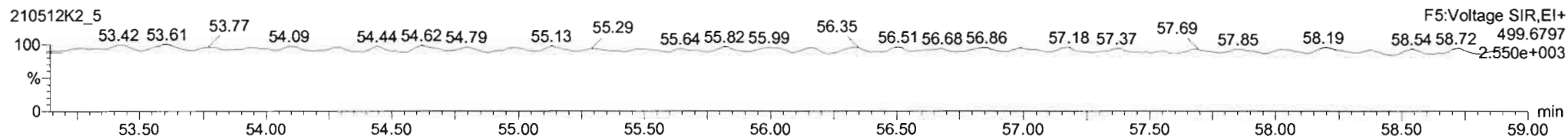
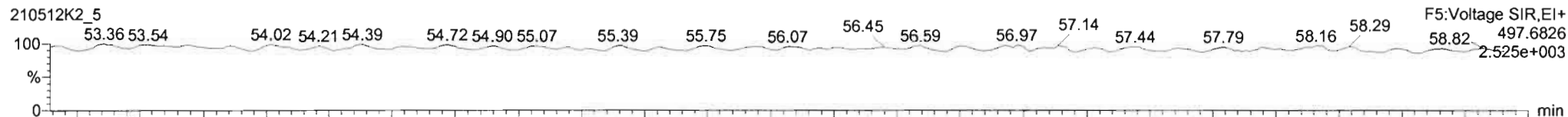


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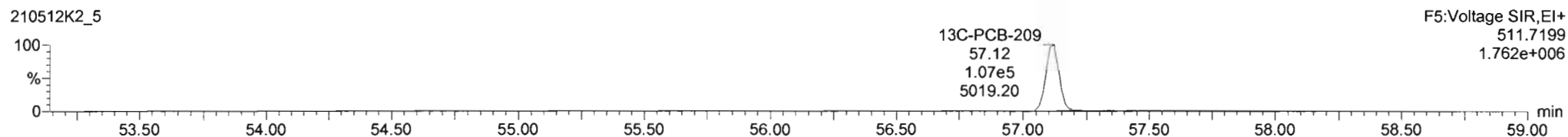
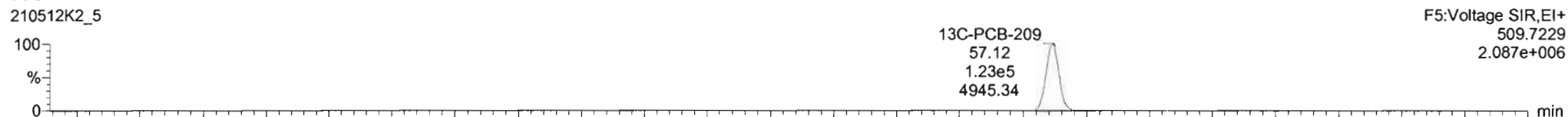
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_5, Date: 12-May-2021, Time: 15:55:19, ID: B1E0058-BLK1 Method Blank 10, Description: Method Blank

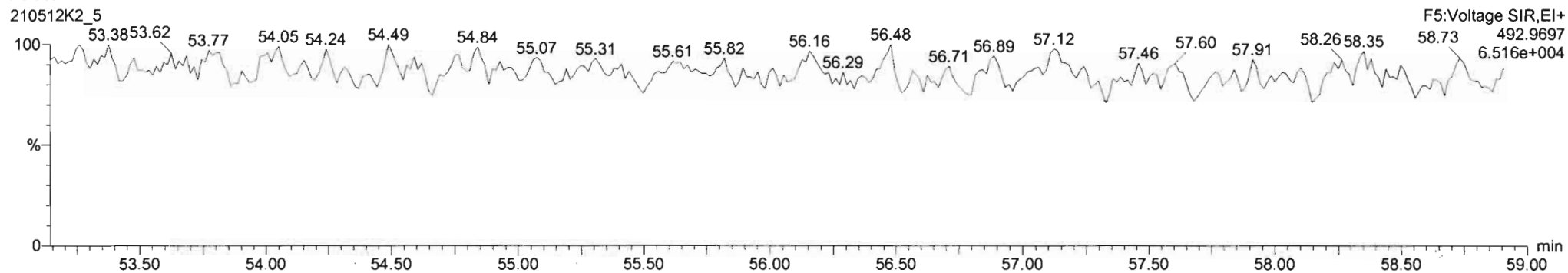
PCB-209



13C-PCB-209



PFK5b



Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

Last Altered: Wednesday, May 12, 2021 3:48:00 PM Pacific Daylight Time
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HS-12-2021

CT05/17/2021

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-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	6.49e5	3.12	NO	0.986	5.000	15.20	15.21	1.001	1.002	NO	980.5		0.253	980.5
2	2 PCB-2	6.03e5	3.10	NO	1.02	5.000	17.61	17.60	0.988	0.988	NO	930.0		0.330	930.0
3	3 PCB-3	6.49e5	3.09	NO	1.00	5.000	17.83	17.83	1.001	1.001	NO	1021		0.336	1021
4	4 PCB-4/10	9.69e5	1.58	NO	1.21	5.000	19.22	19.22	1.004	1.004	NO	1970		2.35	1970
5	5 PCB-7/9	1.15e6	1.57	NO	0.939	5.000	21.01	21.02	1.003	1.003	NO	1925		2.09	1925
6	6 PCB-6	6.02e5	1.58	NO	0.996	5.000	21.65	21.67	1.033	1.034	NO	951.6		1.97	951.6
7	7 PCB-5/8	1.18e6	1.56	NO	0.976	5.000	22.05	22.09	1.052	1.054	NO	1904		2.01	1904
8	8 PCB-14	5.19e5	1.58	NO	1.02	5.000	23.23	23.22	0.951	0.951	NO	912.6		2.81	912.6
9	9 PCB-11	5.40e5	1.56	NO	1.12	5.000	24.43	24.43	1.001	1.001	NO	871.3		2.58	871.3
10	10 PCB-12/13	1.04e6	1.58	NO	1.02	5.000	24.86	24.86	1.018	1.018	NO	1841		2.82	1841
11	11 PCB-15	4.76e5	1.59	NO	1.02	5.000	25.14	25.15	1.030	1.030	NO	843.4		2.83	843.4
12	12 PCB-19	3.91e5	1.02	NO	0.972	5.000	23.37	23.36	1.001	1.001	NO	1008		0.511	1008
13	13 PCB-30	5.98e5	1.01	NO	1.54	5.000	24.26	24.28	1.039	1.040	NO	971.8		0.323	971.8
14	14 PCB-18	3.93e5	1.01	NO	0.719	5.000	25.05	25.05	0.951	0.951	NO	1042		0.600	1042
15	15 PCB-17	3.86e5	1.00	NO	0.672	5.000	25.23	25.23	0.958	0.958	NO	1097		0.643	1097
16	16 PCB-24/27	1.03e6	1.03	NO	0.932	5.000	25.81	25.82	0.980	0.980	NO	2115		0.463	2115
17	17 PCB-16/32	8.78e5	1.03	NO	0.824	5.000	26.35	26.35	1.001	1.001	NO	2031		0.524	2031
18	18 PCB-34	4.28e5	1.06	NO	0.878	5.000	27.19	27.18	0.959	0.959	NO	854.0		1.68	854.0
19	19 PCB-23	4.78e5	1.10	NO	0.892	5.000	27.29	27.26	0.962	0.961	NO	938.9		1.65	938.9
20	20 PCB-29	4.39e5	1.07	NO	0.861	5.000	27.55	27.52	0.972	0.970	NO	892.0		1.71	892.0
21	21 PCB-26	4.44e5	1.02	NO	0.915	5.000	27.75	27.74	0.979	0.978	NO	849.7		1.61	849.7
22	22 PCB-25	4.81e5	1.02	NO	0.915	5.000	27.91	27.91	0.984	0.984	NO	919.8		1.61	919.8
23	23 PCB-31	4.62e5	1.06	NO	1.03	5.000	28.28	28.26	0.998	0.997	NO	784.3		1.43	784.3
24	24 PCB-28	5.64e5	1.06	NO	1.01	5.000	28.37	28.37	1.001	1.001	NO	973.2		1.45	973.2
25	25 PCB-20/21/33	1.34e6	1.07	NO	0.913	5.000	29.00	29.00	1.023	1.023	NO	2573		1.61	2573
26	26 PCB-22	4.66e5	1.07	NO	0.948	5.000	29.46	29.47	1.039	1.039	NO	859.9		1.55	859.9
27	27 PCB-36	3.76e5	1.08	NO	1.07	5.000	30.09	30.12	0.930	0.931	NO	927.1		2.33	927.1
28	28 PCB-39	3.59e5	1.11	NO	1.00	5.000	30.58	30.61	0.945	0.946	NO	941.2		2.48	941.2
29	29 PCB-38	4.08e5	1.05	NO	1.05	5.000	31.39	31.39	0.970	0.970	NO	1022		2.37	1022
30	30 PCB-35	3.63e5	1.06	NO	1.05	5.000	31.93	31.95	0.987	0.987	NO	912.8		2.38	912.8
31	31 PCB-37	3.56e5	1.05	NO	1.03	5.000	32.37	32.37	1.001	1.001	NO	912.4		2.42	912.4
32	32 PCB-54	4.62e5	0.76	NO	0.974	5.000	27.20	27.20	1.001	1.001	NO	1011		0.938	1011

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

Last Altered: Wednesday, May 12, 2021 3:48:00 PM Pacific Daylight Time

Printed: Wednesday, May 12, 2021 3:49:42 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	3.47e5	0.74	NO	0.803	5.000	28.40	28.39	1.045	1.044	NO	920.5		1.14	920.5
34	34 PCB-53	3.14e5	0.77	NO	0.939	5.000	29.06	29.06	0.943	0.943	NO	1013		1.42	1013
35	35 PCB-51	3.27e5	0.79	NO	1.00	5.000	29.41	29.41	0.954	0.954	NO	991.4		1.34	991.4
36	36 PCB-45	2.66e5	0.77	NO	0.802	5.000	29.86	29.86	0.969	0.969	NO	1004		1.66	1004
37	37 PCB-46	2.51e5	0.76	NO	0.770	5.000	30.36	30.36	0.985	0.985	NO	987.7		1.73	987.7
38	38 PCB-52/69	6.40e5	0.77	NO	1.08	5.000	30.87	30.87	1.001	1.001	NO	1795		1.23	1795
39	39 PCB-73	4.75e5	0.78	NO	1.31	5.000	30.98	30.98	1.005	1.005	NO	1103		1.02	1103
40	40 PCB-43/49	6.19e5	0.76	NO	0.925	5.000	31.15	31.15	1.010	1.010	NO	2031		1.44	2031
41	41 PCB-47	2.73e5	0.76	NO	0.863	5.000	31.37	31.37	1.001	1.001	NO	932.1		1.52	932.1
42	42 PCB-48/75	7.41e5	0.77	NO	1.04	5.000	31.50	31.48	1.005	1.004	NO	2104		1.27	2104
43	43 PCB-65	3.66e5	0.75	NO	1.16	5.000	31.76	31.76	1.013	1.013	NO	930.3		1.13	930.3
44	44 PCB-62	3.98e5	0.74	NO	1.04	5.000	31.85	31.85	1.016	1.016	NO	1129		1.27	1129
45	45 PCB-44	2.63e5	0.77	NO	0.757	5.000	32.19	32.19	1.027	1.027	NO	1023		1.73	1023
46	46 PCB-42/59	6.75e5	0.75	NO	0.975	5.000	32.40	32.41	1.034	1.034	NO	2041		1.35	2041
47	47 PCB-41/64/71/72	1.46e6	0.78	NO	1.12	5.000	33.02	33.02	1.053	1.053	NO	3857		1.18	3857
48	48 PCB-68	3.83e5	0.77	NO	1.19	5.000	33.28	33.30	1.062	1.062	NO	950.0		1.11	950.0
49	49 PCB-40	2.20e5	0.76	NO	0.572	5.000	33.51	33.51	1.069	1.069	NO	1134		2.30	1134
50	50 PCB-57	4.00e5	0.77	NO	1.08	5.000	33.88	33.90	0.969	0.969	NO	954.8		1.11	954.8
51	51 PCB-67	3.38e5	0.87	NO	1.02	5.000	34.20	34.22	0.978	0.978	NO	855.7		1.17	855.7
52	52 PCB-58	4.24e5	0.70	NO	1.08	5.000	34.33	34.33	0.982	0.981	NO	1009		1.10	1009
53	53 PCB-63	3.95e5	0.78	NO	0.971	5.000	34.48	34.49	0.986	0.986	NO	1048		1.23	1048
54	54 PCB-74	3.76e5	0.77	NO	1.09	5.000	34.78	34.77	0.994	0.994	NO	890.8		1.10	890.8
55	55 PCB-61/70	7.40e5	0.78	NO	0.978	5.000	35.00	35.00	1.000	1.001	NO	1946		1.22	1946
56	56 PCB-76/66	8.56e5	0.77	NO	1.07	5.000	35.20	35.20	1.006	1.006	NO	2055		1.11	2055
57	57 PCB-80	4.40e5	0.76	NO	1.08	5.000	35.45	35.44	1.001	1.001	NO	984.8		1.14	984.8
58	58 PCB-55	4.15e5	0.79	NO	1.06	5.000	35.77	35.76	1.010	1.009	NO	940.2		1.16	940.2
59	59 PCB-56/60	7.14e5	0.77	NO	0.946	5.000	36.26	36.26	1.023	1.024	NO	1820		1.30	1820
60	60 PCB-79	3.50e5	0.77	NO	1.06	5.000	37.38	37.38	1.055	1.055	NO	797.3		1.16	797.3
61	61 PCB-78	3.24e5	0.74	NO	1.01	5.000	38.11	38.10	0.987	0.987	NO	905.9		1.42	905.9
62	62 PCB-81	3.03e5	0.77	NO	0.941	5.000	38.64	38.64	1.000	1.000	NO	906.6		1.52	906.6
63	63 PCB-77	3.11e5	0.76	NO	1.03	5.000	39.26	39.26	1.000	1.000	NO	889.3		1.69	889.3
64	64 PCB-104	3.92e5	1.55	NO	0.982	5.000	32.02	32.02	1.001	1.001	NO	961.2		0.419	961.2
65	65 PCB-96	3.86e5	1.55	NO	0.982	5.000	33.31	33.32	1.041	1.041	NO	945.7		0.419	945.7
66	66 PCB-103	2.87e5	1.55	NO	0.770	5.000	33.90	33.90	1.059	1.059	NO	896.7		0.534	896.7
67	67 PCB-100	2.98e5	1.53	NO	0.805	5.000	34.25	34.25	1.070	1.070	NO	891.0		0.511	891.0
68	68 PCB-94	2.38e5	1.60	NO	0.831	5.000	34.74	34.74	0.985	0.985	NO	924.8		0.681	924.8

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

Last Altered: Wednesday, May 12, 2021 3:48:00 PM Pacific Daylight Time
Printed: Wednesday, May 12, 2021 3:49:42 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-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
69	69 PCB-95/98/102	8.91e5	1.54	NO	1.07	5.000	35.23	35.22	0.999	0.998	NO	2686		0.528	2686
70	70 PCB-93	2.73e5	1.60	NO	0.761	5.000	35.33	35.33	1.002	1.002	NO	1156		0.742	1156
71	71 PCB-88/91	5.12e5	1.57	NO	0.910	5.000	35.70	35.70	1.012	1.012	NO	1816		0.621	1816
72	72 PCB-121	4.61e5	1.59	NO	1.46	5.000	35.81	35.80	1.015	1.015	NO	1016		0.386	1016
73	73 PCB-84/92	4.86e5	1.55	NO	0.826	5.000	36.66	36.63	0.990	0.989	NO	1859		0.693	1859
74	74 PCB-89	2.84e5	1.55	NO	0.885	5.000	36.84	36.82	0.995	0.994	NO	1013		0.646	1013
75	75 PCB-90/101	5.35e5	1.58	NO	0.905	5.000	37.04	37.03	1.000	1.000	NO	1869		0.632	1869
76	76 PCB-113	3.26e5	1.54	NO	1.26	5.000	37.28	37.29	1.007	1.007	NO	818.6		0.455	818.6
77	77 PCB-99	3.57e5	1.61	NO	0.993	5.000	37.38	37.38	1.010	1.010	NO	1136		0.576	1136
78	78 PCB-119	3.48e5	1.64	NO	1.53	5.000	37.87	37.86	0.987	0.987	NO	892.7		0.474	892.7
79	79 PCB-108/112	6.10e5	1.51	NO	1.25	5.000	38.02	38.01	0.991	0.991	NO	1920		0.582	1920
80	80 PCB-83	3.85e5	1.56	NO	1.56	5.000	38.18	38.18	0.995	0.995	NO	968.7		0.465	968.7
81	81 PCB-97	2.67e5	1.58	NO	1.12	5.000	38.38	38.38	1.000	1.000	NO	932.2		0.645	932.2
82	82 PCB-86	2.29e5	1.58	NO	1.06	5.000	38.53	38.53	1.004	1.004	NO	848.8		0.685	848.8
83	83 PCB-87/117/125	9.84e5	1.55	NO	1.34	5.000	38.67	38.66	1.008	1.008	NO	2880		0.541	2880
84	84 PCB-111/115	7.40e5	1.54	NO	1.62	5.000	38.83	38.83	1.012	1.012	NO	1795		0.448	1795
85	85 PCB-85/116	6.69e5	1.56	NO	1.23	5.000	38.95	38.94	1.015	1.015	NO	2130		0.588	2130
86	86 PCB-120	3.84e5	1.57	NO	1.79	5.000	39.21	39.22	1.022	1.022	NO	840.3		0.404	840.3
87	87 PCB-110	3.80e5	1.58	NO	1.50	5.000	39.34	39.35	1.025	1.026	NO	993.5		0.483	993.5
88	88 PCB-82	2.17e5	1.57	NO	0.638	5.000	40.00	40.00	0.975	0.975	NO	1035		0.903	1035
89	89 PCB-124	3.30e5	1.55	NO	1.08	5.000	40.72	40.73	0.993	0.993	NO	929.5		0.534	929.5
90	90 PCB-107/109	6.76e5	1.58	NO	1.11	5.000	40.86	40.86	0.996	0.996	NO	1853		0.520	1853
91	91 PCB-123	3.27e5	1.58	NO	1.00	5.000	41.03	41.04	1.000	1.001	NO	991.1		0.576	991.1
92	92 PCB-106/118	6.70e5	1.61	NO	1.02	5.000	41.25	41.25	1.001	1.001	NO	1856		0.552	1856
93	93 PCB-114	2.56e5	1.60	NO	1.08	5.000	41.91	41.91	1.000	1.000	NO	895.1		3.04	895.1
94	94 PCB-122	2.65e5	1.64	NO	0.930	5.000	42.06	42.04	1.004	1.004	NO	1079		3.54	1079
95	95 PCB-105	2.68e5	1.63	NO	1.03	5.000	42.78	42.80	1.000	1.001	NO	957.4		3.19	957.4
96	96 PCB-127	2.73e5	1.63	NO	1.06	5.000	43.16	43.16	1.000	1.000	NO	906.2		3.23	906.2
97	97 PCB-126	2.47e5	1.59	NO	1.15	5.000	45.11	45.11	1.000	1.000	NO	952.1		3.87	952.1
98	98 PCB-155	3.28e5	1.25	NO	0.853	5.000	36.56	36.56	1.000	1.001	NO	969.1		0.314	969.1
99	99 PCB-150	3.34e5	1.29	NO	0.934	5.000	37.86	37.86	1.036	1.036	NO	898.5		0.286	898.5
100	1... PCB-152	3.77e5	1.29	NO	1.02	5.000	38.36	38.35	1.050	1.049	NO	931.3		0.263	931.3
101	1... PCB-145	3.65e5	1.25	NO	0.983	5.000	38.82	38.81	1.062	1.062	NO	933.4		0.272	933.4
102	1... PCB-136	3.05e5	1.27	NO	0.881	5.000	39.15	39.15	1.071	1.071	NO	869.5		0.304	869.5
103	1... PCB-148	2.54e5	1.27	NO	0.666	5.000	39.26	39.26	1.074	1.074	NO	960.5		0.402	960.5
104	1... PCB-154	2.62e5	1.26	NO	0.721	5.000	39.78	39.78	1.089	1.089	NO	913.6		0.371	913.6

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-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
105	1... PCB-151	2.17e5	1.28	NO	0.674	5.000	40.43	40.43	1.107	1.106	NO	809.4		0.397	809.4
106	1... PCB-135	2.37e5	1.23	NO	0.723	5.000	40.65	40.65	1.112	1.113	NO	825.5		0.370	825.5
107	1... PCB-144	2.34e5	1.28	NO	0.691	5.000	40.77	40.77	1.116	1.116	NO	849.9		0.387	849.9
108	1... PCB-147	2.37e5	1.28	NO	0.713	5.000	40.90	40.90	1.119	1.119	NO	835.5		0.375	835.5
109	1... PCB-139/149	5.23e5	1.26	NO	0.773	5.000	41.17	41.17	1.127	1.127	NO	1700		0.346	1700
110	1... PCB-140	2.26e5	1.26	NO	0.652	5.000	41.36	41.36	1.132	1.132	NO	871.3		0.410	871.3
111	1... PCB-134/143	3.72e5	1.22	NO	0.718	5.000	41.82	41.81	0.974	0.974	NO	2070		5.20	2070
112	1... PCB-131/133	3.83e5	1.23	NO	0.768	5.000	42.14	42.12	0.982	0.981	NO	1992		4.86	1992
113	1... PCB-142	1.84e5	1.28	NO	0.687	5.000	42.30	42.29	0.985	0.985	NO	1069		5.43	1069
114	1... PCB-146/165	4.66e5	1.24	NO	0.943	5.000	42.54	42.53	0.991	0.991	NO	1975		3.95	1975
115	1... PCB-132/161	4.68e5	1.26	NO	0.957	5.000	42.78	42.78	0.997	0.996	NO	1954		3.90	1954
116	1... PCB-153	2.52e5	1.27	NO	0.990	5.000	42.97	42.95	1.001	1.000	NO	1018		3.77	1018
117	1... PCB-168	2.55e5	1.25	NO	1.03	5.000	43.18	43.18	1.006	1.006	NO	983.4		3.60	983.4
118	1... PCB-141	1.88e5	1.23	NO	0.948	5.000	43.71	43.71	1.000	1.000	NO	990.0		5.01	990.0
119	1... PCB-137	1.85e5	1.25	NO	0.964	5.000	44.11	44.11	1.010	1.010	NO	958.5		4.93	958.5
120	1... PCB-130	1.77e5	1.28	NO	0.816	5.000	44.20	44.22	1.012	1.012	NO	1086		5.82	1086
121	1... PCB-138/163/164	7.37e5	1.23	NO	1.15	5.000	44.62	44.62	1.001	1.001	NO	2941		3.79	2941
122	1... PCB-158/160	4.86e5	1.25	NO	1.14	5.000	44.86	44.85	1.007	1.006	NO	1965		3.85	1965
123	1... PCB-129	1.74e5	1.26	NO	0.807	5.000	45.09	45.09	1.012	1.012	NO	995.0		5.43	995.0
124	1... PCB-166	2.50e5	1.26	NO	1.03	5.000	45.56	45.57	0.993	0.993	NO	990.7		3.88	990.7
125	1... PCB-159	2.72e5	1.25	NO	1.10	5.000	45.91	45.91	1.000	1.000	NO	1011		3.64	1011
126	1... PCB-128/162	4.18e5	1.24	NO	0.836	5.000	46.20	46.21	1.007	1.007	NO	2040		4.78	2040
127	1... PCB-167	2.35e5	1.23	NO	0.960	5.000	46.61	46.63	1.000	1.001	NO	969.3		4.29	969.3
128	1... PCB-156	2.29e5	1.20	NO	1.06	5.000	47.95	47.95	1.000	1.000	NO	985.5		4.37	985.5
129	1... PCB-157	2.23e5	1.29	NO	0.960	5.000	48.22	48.22	1.000	1.000	NO	934.3		4.68	934.3
130	1... PCB-169	2.20e5	1.23	NO	1.04	5.000	50.51	50.51	1.000	1.000	NO	967.3		5.39	967.3
131	1... PCB-188	2.94e5	1.03	NO	1.15	5.000	42.57	42.55	1.001	1.000	NO	980.9		0.842	980.9
132	1... PCB-184	2.78e5	1.03	NO	1.14	5.000	43.01	43.03	1.011	1.012	NO	934.8		0.849	934.8
133	1... PCB-179	2.82e5	1.01	NO	1.07	5.000	43.81	43.82	1.030	1.030	NO	1005		0.901	1005
134	1... PCB-176	2.83e5	1.03	NO	1.11	5.000	44.30	44.30	1.042	1.041	NO	975.7		0.870	975.7
135	1... PCB-186	2.96e5	1.03	NO	1.23	5.000	44.92	44.92	1.056	1.056	NO	922.9		0.786	922.9
136	1... PCB-178	1.89e5	1.04	NO	0.830	5.000	45.45	45.45	1.069	1.069	NO	874.7		1.17	874.7
137	1... PCB-175	1.92e5	1.02	NO	0.853	5.000	45.81	45.81	1.077	1.077	NO	862.4		1.14	862.4
138	1... PCB-182/187	4.45e5	1.03	NO	0.942	5.000	45.98	45.98	1.081	1.081	NO	1814		1.03	1814
139	1... PCB-183	2.10e5	1.03	NO	0.910	5.000	46.30	46.30	1.089	1.089	NO	886.1		1.06	886.1
140	1... PCB-185	1.86e5	1.04	NO	1.24	5.000	46.97	46.99	0.954	0.954	NO	981.3		1.44	981.3

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

Last Altered: Wednesday, May 12, 2021 3:48:00 PM Pacific Daylight Time

Printed: Wednesday, May 12, 2021 3:49:42 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-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
141	1... PCB-174	1.59e5	0.98	NO	1.20	5.000	47.34	47.37	0.961	0.962	NO	865.2		1.49	865.2
142	1... PCB-181	2.12e5	1.04	NO	1.33	5.000	47.44	47.46	0.964	0.964	NO	1040		1.34	1040
143	1... PCB-177	1.75e5	1.02	NO	1.14	5.000	47.64	47.63	0.967	0.967	NO	1004		1.56	1004
144	1... PCB-171	1.76e5	1.03	NO	1.22	5.000	47.91	47.93	0.973	0.973	NO	942.7		1.47	942.7
145	1... PCB-173	1.60e5	1.04	NO	1.07	5.000	48.37	48.37	0.982	0.982	NO	975.8		1.67	975.8
146	1... PCB-172	1.79e5	1.03	NO	1.26	5.000	48.85	48.84	0.992	0.992	NO	932.1		1.42	932.1
147	1... PCB-192	2.37e5	1.02	NO	1.61	5.000	49.03	49.05	0.996	0.996	NO	957.7		1.11	957.7
148	1... PCB-180	1.91e5	1.02	NO	1.30	5.000	49.26	49.26	1.000	1.000	NO	957.9		1.37	957.9
149	1... PCB-193	2.24e5	1.04	NO	1.47	5.000	49.47	49.47	1.005	1.005	NO	995.7		1.21	995.7
150	1... PCB-191	2.30e5	1.06	NO	1.51	5.000	49.73	49.73	1.010	1.010	NO	998.3		1.18	998.3
151	1... PCB-170	1.52e5	1.03	NO	1.23	5.000	50.93	50.93	1.000	1.000	NO	892.2		1.62	892.2
152	1... PCB-190	2.15e5	1.03	NO	1.61	5.000	51.13	51.14	1.004	1.004	NO	964.4		1.24	964.4
153	1... PCB-189	1.97e5	1.01	NO	1.27	5.000	52.71	52.71	1.000	1.000	NO	964.3		1.33	964.3
154	1... PCB-202	2.40e5	0.87	NO	0.995	5.000	48.16	48.14	1.001	1.000	NO	950.1		0.369	950.1
155	1... PCB-201	2.19e5	0.90	NO	0.904	5.000	48.65	48.65	1.011	1.011	NO	952.9		0.406	952.9
156	1... PCB-204	2.32e5	0.87	NO	0.955	5.000	48.81	48.81	1.014	1.014	NO	956.1		0.384	956.1
157	1... PCB-197	2.34e5	0.90	NO	0.964	5.000	49.13	49.13	1.021	1.021	NO	952.7		0.381	952.7
158	1... PCB-200	2.24e5	0.90	NO	0.911	5.000	50.05	50.06	1.040	1.040	NO	967.2		0.403	967.2
159	1... PCB-198	1.60e5	0.87	NO	0.696	5.000	51.68	51.65	1.074	1.073	NO	905.8		0.528	905.8
160	1... PCB-199	1.58e5	0.91	NO	0.706	5.000	51.82	51.78	1.077	1.076	NO	880.8		0.520	880.8
161	1... PCB-196/203	3.28e5	0.91	NO	0.754	5.000	52.12	52.10	1.083	1.083	NO	1708		0.487	1708
162	1... PCB-195	1.23e5	0.90	NO	0.957	5.000	53.43	53.42	0.983	0.983	NO	1009		0.879	1009
163	1... PCB-194	1.31e5	0.91	NO	1.06	5.000	54.37	54.37	1.000	1.000	NO	965.2		0.793	965.2
164	1... PCB-205	1.66e5	0.93	NO	1.27	5.000	54.63	54.65	1.005	1.005	NO	1025		0.663	1025
165	1... PCB-208	1.43e5	1.32	NO	0.861	5.000	53.58	53.58	1.000	1.000	NO	1035		0.887	1035
166	1... PCB-207	1.42e5	1.39	NO	0.849	5.000	53.91	53.92	1.007	1.007	NO	1042		0.898	1042
167	1... PCB-206	1.05e5	1.34	NO	0.951	5.000	55.91	55.91	1.000	1.000	NO	981.0		1.15	981.0
168	1... PCB-209	1.20e5	1.15	NO	0.863	5.000	57.15	57.17	1.000	1.000	NO	971.7		0.362	971.7
169	1... 13C-PCB-1	1.34e6	3.19	NO	0.937	5.000	15.19	15.18	0.604	0.604	NO	1754	87.7	1.90	
170	1... 13C-PCB-3	1.27e6	3.27	NO	0.934	5.000	17.80	17.82	0.709	0.709	NO	1662	83.1	1.91	
171	1... 13C-PCB-4	8.15e5	1.58	NO	0.599	5.000	19.15	19.14	0.762	0.762	NO	1664	83.2	2.94	
172	1... 13C-PCB-9	1.27e6	1.59	NO	0.960	5.000	20.98	20.96	0.835	0.834	NO	1620	81.0	1.84	
173	1... 13C-PCB-11	1.11e6	1.62	NO	0.929	5.000	24.42	24.41	0.972	0.972	NO	1462	73.1	1.90	
174	1... 13C-PCB-19	7.99e5	1.04	NO	0.506	5.000	23.36	23.34	0.930	0.929	NO	1930	96.5	6.04	
175	1... 13C-PCB-32	1.05e6	0.99	NO	0.738	5.000	26.33	26.33	1.048	1.048	NO	1738	86.9	4.15	
176	1... 13C-PCB-28	1.14e6	1.06	NO	1.06	5.000	28.35	28.35	1.004	1.004	NO	1816	90.8	3.79	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-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
177	1... 13C-PCB-37	7.60e5	0.98	NO	0.979	5.000	32.34	32.35	1.145	1.146	NO	1307	65.4	4.10	
178	1... 13C-PCB-54	9.38e5	0.78	NO	0.981	5.000	27.16	27.18	0.749	0.750	NO	1764	88.2	1.79	
179	1... 13C-PCB-52	6.59e5	0.77	NO	0.786	5.000	30.84	30.83	0.851	0.851	NO	1546	77.3	2.23	
180	1... 13C-PCB-47	6.79e5	0.78	NO	0.833	5.000	31.35	31.35	0.865	0.865	NO	1503	75.2	2.11	
181	1... 13C-PCB-70	7.77e5	0.78	NO	0.981	5.000	34.96	34.98	0.965	0.965	NO	1461	73.0	1.79	
182	1... 13C-PCB-80	8.30e5	0.82	NO	1.01	5.000	35.41	35.42	0.977	0.977	NO	1510	75.5	1.73	
183	1... 13C-PCB-81	7.12e5	0.71	NO	0.995	5.000	38.60	38.63	1.065	1.066	NO	1320	66.0	1.77	
184	1... 13C-PCB-77	6.80e5	0.78	NO	0.977	5.000	39.20	39.24	1.082	1.083	NO	1285	64.2	1.80	
185	1... 13C-PCB-104	8.32e5	1.53	NO	1.00	5.000	32.00	32.00	0.825	0.825	NO	1639	82.0	1.11	
186	1... 13C-PCB-95	6.20e5	1.58	NO	0.779	5.000	35.30	35.28	0.910	0.909	NO	1575	78.7	1.43	
187	1... 13C-PCB-101	6.33e5	1.53	NO	0.833	5.000	37.01	37.03	0.954	0.954	NO	1505	75.3	1.34	
188	1... 13C-PCB-97	5.10e5	1.57	NO	0.679	5.000	38.35	38.37	0.988	0.988	NO	1487	74.4	1.64	
189	1... 13C-PCB-123	6.59e5	1.53	NO	0.970	5.000	41.00	41.01	1.056	1.057	NO	1344	67.2	1.15	
190	1... 13C-PCB-118	7.06e5	1.58	NO	1.00	5.000	41.19	41.21	1.061	1.062	NO	1397	69.9	1.11	
191	1... 13C-PCB-114	5.28e5	1.67	NO	1.55	5.000	41.87	41.89	0.907	0.908	NO	1339	66.9	2.15	
192	1... 13C-PCB-105	5.42e5	1.57	NO	1.59	5.000	42.77	42.76	0.927	0.927	NO	1334	66.7	2.09	
193	1... 13C-PCB-127	5.70e5	1.58	NO	1.66	5.000	43.13	43.14	0.934	0.935	NO	1349	67.4	2.01	
194	1... 13C-PCB-126	4.51e5	1.58	NO	1.65	5.000	45.06	45.09	0.976	0.977	NO	1075	53.7	2.03	
195	1... 13C-PCB-155	7.95e5	1.28	NO	0.819	5.000	36.55	36.54	0.942	0.942	NO	1922	96.1	0.413	
196	1... 13C-PCB-153	5.01e5	1.24	NO	1.31	5.000	42.93	42.93	0.930	0.930	NO	1495	74.8	2.80	
197	1... 13C-PCB-141	4.00e5	1.28	NO	1.08	5.000	43.68	43.69	0.947	0.947	NO	1446	72.3	3.39	
198	1... 13C-PCB-138	4.34e5	1.26	NO	1.15	5.000	44.55	44.56	0.965	0.966	NO	1479	73.9	3.19	
199	1... 13C-PCB-159	4.90e5	1.23	NO	1.39	5.000	45.89	45.89	0.994	0.994	NO	1379	69.0	2.64	
200	2... 13C-PCB-167	5.04e5	1.22	NO	1.43	5.000	46.59	46.59	1.010	1.009	NO	1387	69.3	2.58	
201	2... 13C-PCB-156	4.38e5	1.28	NO	1.34	5.000	47.90	47.93	1.038	1.039	NO	1283	64.1	2.75	
202	2... 13C-PCB-157	4.96e5	1.26	NO	1.36	5.000	48.19	48.20	1.044	1.044	NO	1432	71.6	2.71	
203	2... 13C-PCB-169	4.37e5	1.24	NO	1.33	5.000	50.47	50.49	1.094	1.094	NO	1288	64.4	2.76	
204	2... 13C-PCB-188	5.21e5	0.43	NO	1.39	5.000	42.55	42.53	0.925	0.925	NO	1570	78.5	0.944	
205	2... 13C-PCB-180	3.06e5	0.43	NO	0.907	5.000	49.25	49.24	1.071	1.071	NO	1414	70.7	1.45	
206	2... 13C-PCB-170	2.77e5	0.43	NO	0.823	5.000	50.92	50.91	1.107	1.107	NO	1410	70.5	1.60	
207	2... 13C-PCB-189	3.21e5	0.44	NO	1.08	5.000	52.70	52.69	1.146	1.146	NO	1251	62.5	1.22	
208	2... 13C-PCB-202	5.09e5	0.86	NO	1.23	5.000	48.14	48.12	1.047	1.047	NO	1728	86.4	0.737	
209	2... 13C-PCB-194	2.55e5	0.91	NO	0.710	5.000	54.37	54.36	0.995	0.995	NO	1476	73.8	1.41	
210	2... 13C-PCB-208	3.22e5	0.78	NO	0.865	5.000	53.56	53.57	0.980	0.980	NO	1527	76.4	1.18	
211	2... 13C-PCB-206	2.25e5	0.77	NO	0.623	5.000	55.90	55.89	1.023	1.023	NO	1484	74.2	1.64	
212	2... 13C-PCB-209	2.86e5	1.17	NO	0.725	5.000	57.14	57.15	1.046	1.046	NO	1624	81.2	0.477	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-3.qld

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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

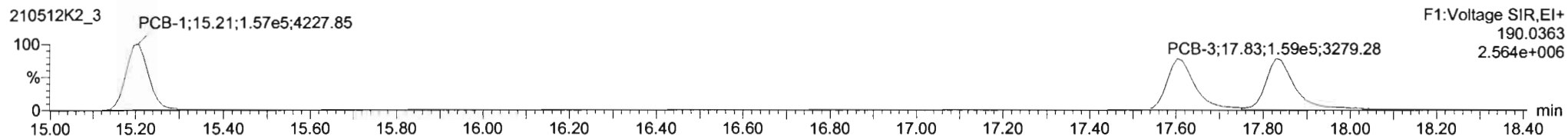
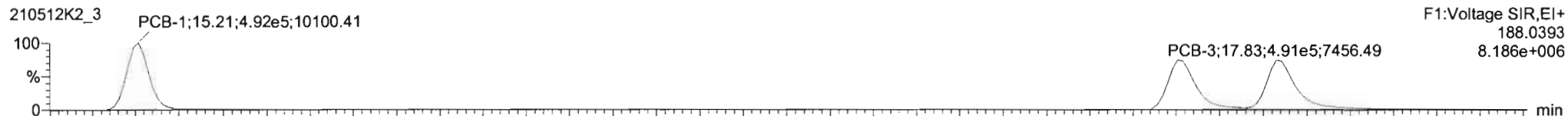
	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.63e6	1.58	NO	1.00	5.000	25.11	25.13	1.000	0.000	NO	2000	100	1.76	
214	2... 13C-PCB-31	1.19e6	1.06	NO	1.00	5.000	28.23	28.24	1.000	0.000	NO	2000	100	4.02	
215	2... 13C-PCB-60	1.08e6	0.78	NO	1.00	5.000	36.25	36.24	1.000	0.000	NO	2000	100	1.76	
216	2... 13C-PCB-111	1.01e6	1.56	NO	1.00	5.000	38.82	38.81	1.000	0.000	NO	2000	100	1.12	
217	2... 13C-PCB-128	5.10e5	1.25	NO	1.00	5.000	46.16	46.15	1.000	0.000	NO	2000	100	3.68	
218	2... 13C-PCB-182	4.78e5	0.44	NO	1.00	5.000	45.99	45.98	0.000	0.000	NO	2000	100	1.31	
219	2... 13C-PCB-205	4.87e5	0.88	NO	1.00	5.000	54.64	54.63	1.000	0.000	NO	2000	100	1.00	
220	2... 13C-PCB-79	7.85e5	0.78	NO	1.04	5.000	37.34	37.36	1.030	1.031	NO	1399	69.9	1.70	
221	2... 13C-PCB-178	3.30e5	0.44	NO	0.774	5.000	45.43	45.41	0.988	0.988	NO	1673	83.6	1.69	
222	2... 13C-PCB-79	6.96e5	0.78	NO	1.04	5.000	37.36	37.36	0.967	0.967	NO	1877	93.8	2.67	
223	2... 13C-PCB-178	3.27e5	0.44	NO	1.02	5.000	45.43	45.41	0.923	0.922	NO	2101	105	2.06	

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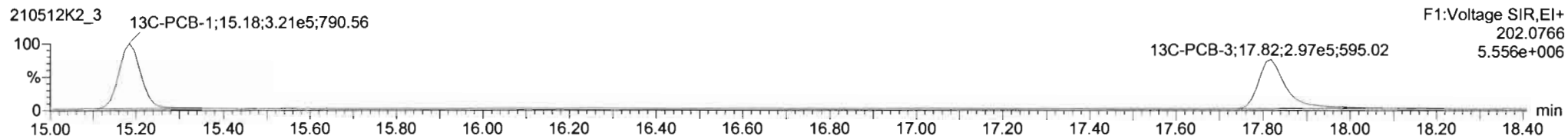
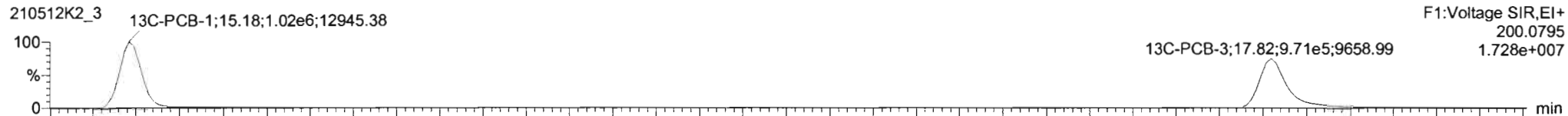
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

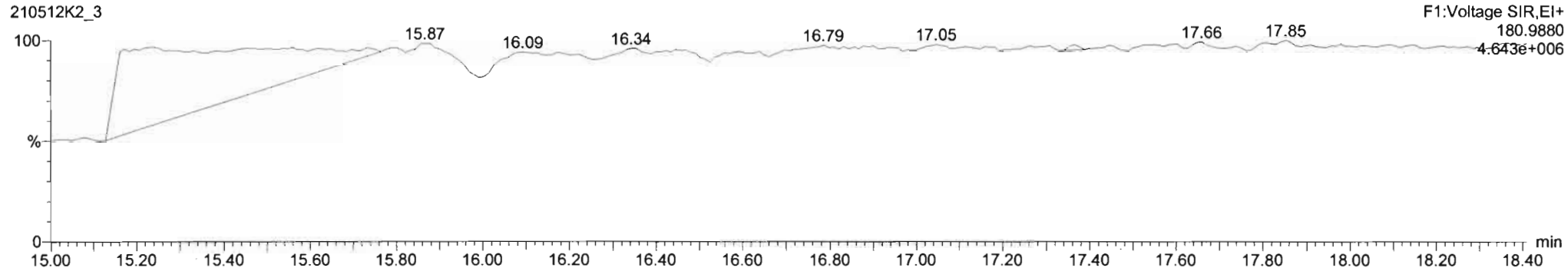
PCB-1



13C-PCB-1



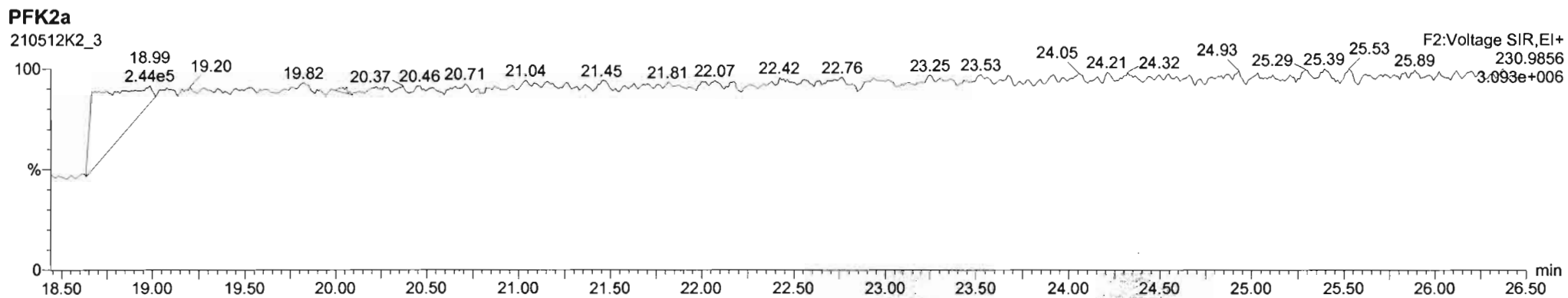
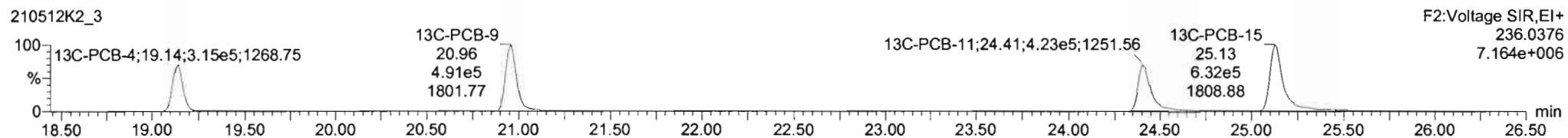
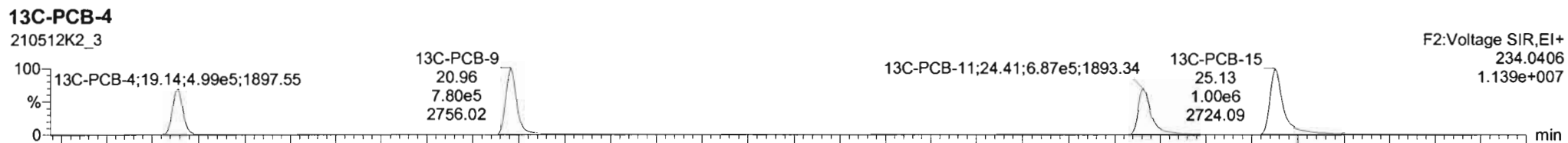
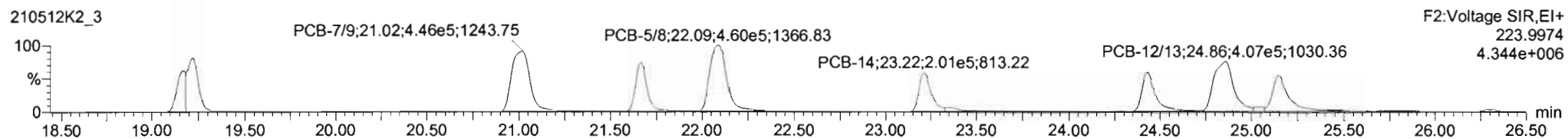
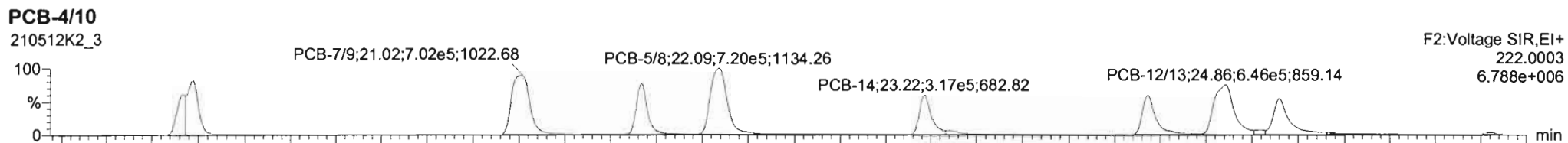
PFK1



Dataset: Untitled

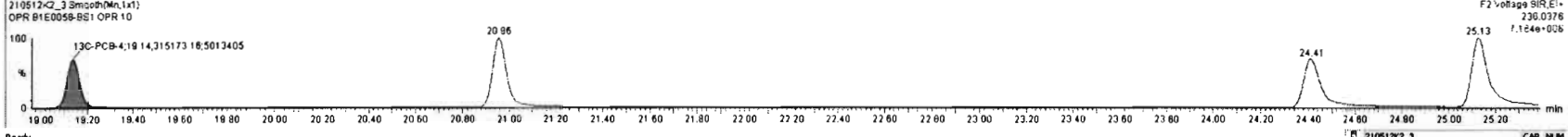
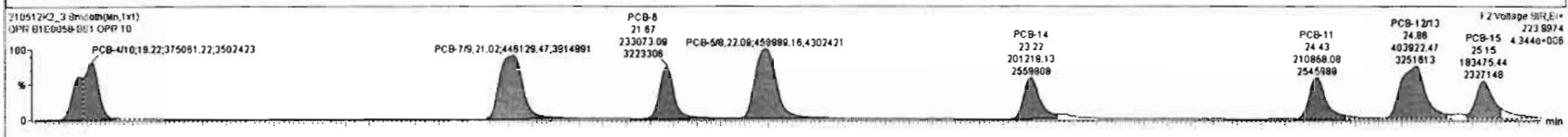
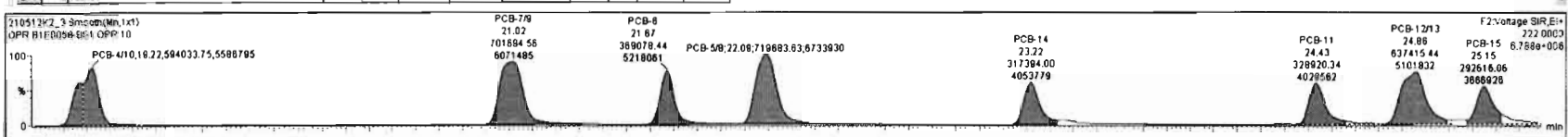
Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time
Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR



#	Name	Resp	RA	nly	RF	wAve	Pred RT	RT	Pred R	RRT	RRT Fat	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00		0.000		NO	2932		0.919	2932
225	Total Di-PCBs				1.0367	5.000	0.00		0.000		NO	11220		19.4	11220
226	2nd Function Tri-PCBs				0.9434	5.000	0.00		0.000		NO	8764		3.06	8764
227	3rd Function Tri-PCBs				0.9887	5.000	0.00		0.000		NO	14380		26.3	14380
228	Total Tetra-PCBs				0.9910	5.000	0.00		0.000		NO	40980		42.2	40980
229	3rd Function Penta-PCBs				1.1133	5.000	0.00		0.000		NO	36950		16.2	36950
230	4th Function Penta-PCBs				1.0512	5.000	0.00		0.000		NO	4790		16.9	4790
231	3rd Function Hexa-PCBs				0.7810	5.000	0.00		0.000		NO	12700		4.50	12700

#	Name	Pred RT	RT	wf Resp	w2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
4	PCB-4/0	19.22	19.22	5.940e5	3.751e5	1.560	1.58	NO	1970.5	1970.5
5	PCB-7/0	21.01	21.02	7.017e5	4.461e5	1.560	1.57	NO	1925.0	1925.0
6	PCB-6	21.85	21.87	3.891e5	2.331e5	1.580	1.58	NO	951.80	951.80
7	PCB-5/0	22.05	22.09	7.197e5	4.600e5	1.560	1.56	NO	1903.5	1903.5
8	PCB-14	23.22	23.22	3.174e5	2.012e5	1.560	1.58	NO	912.58	912.58

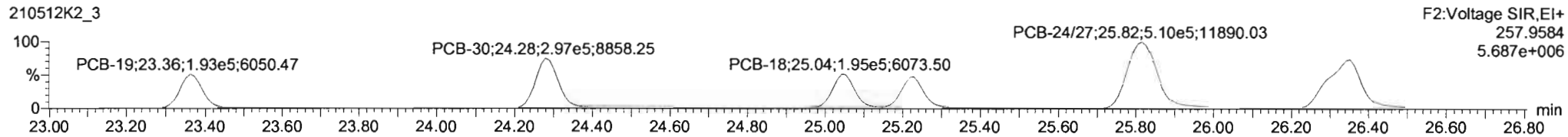
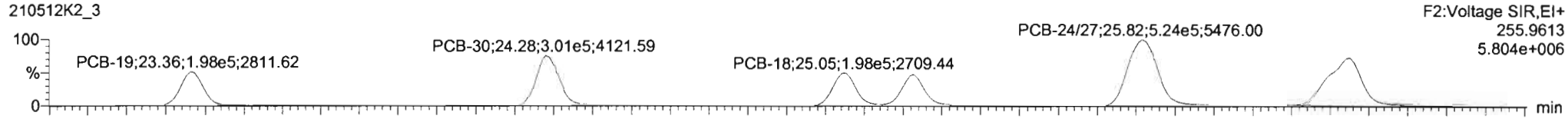


Dataset: Untitled

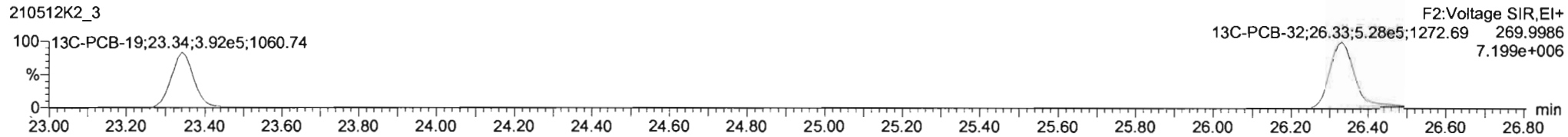
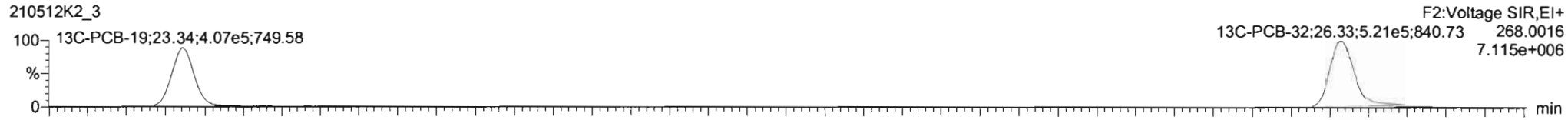
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

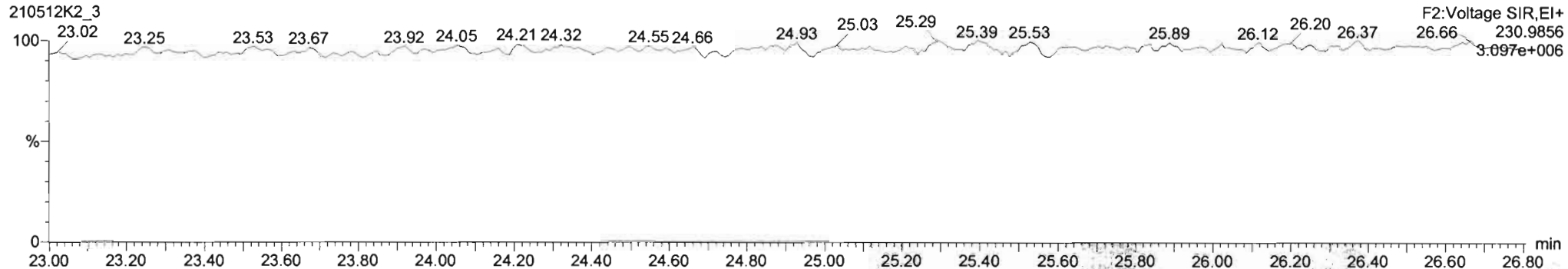
PCB-19



13C-PCB-19



PFK2b

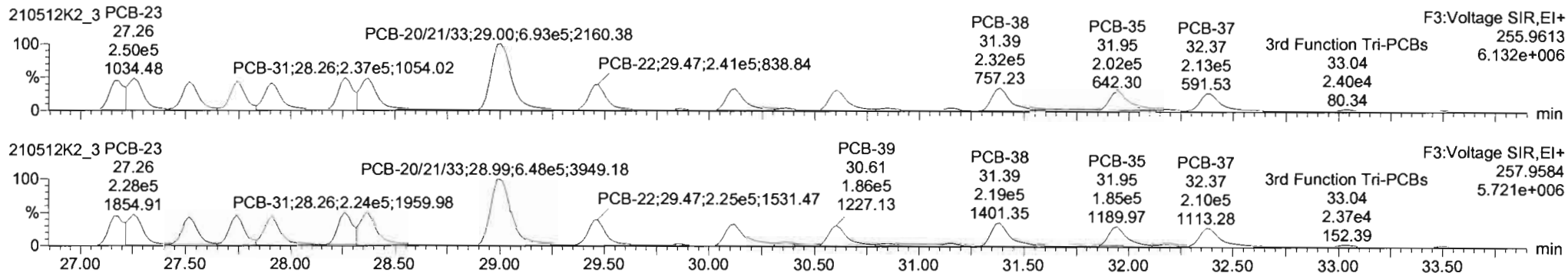


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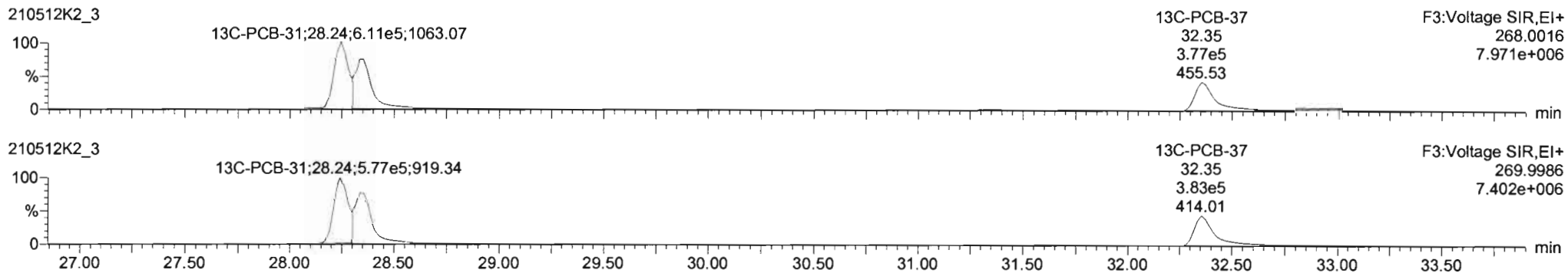
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

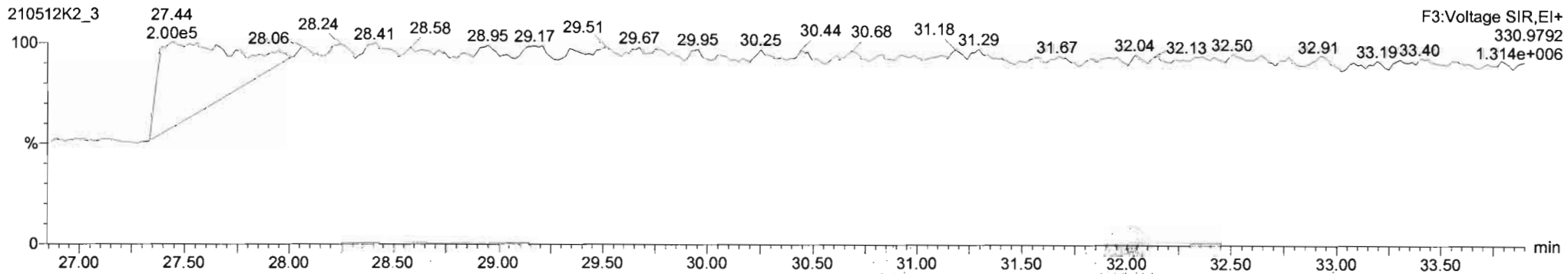
PCB-34

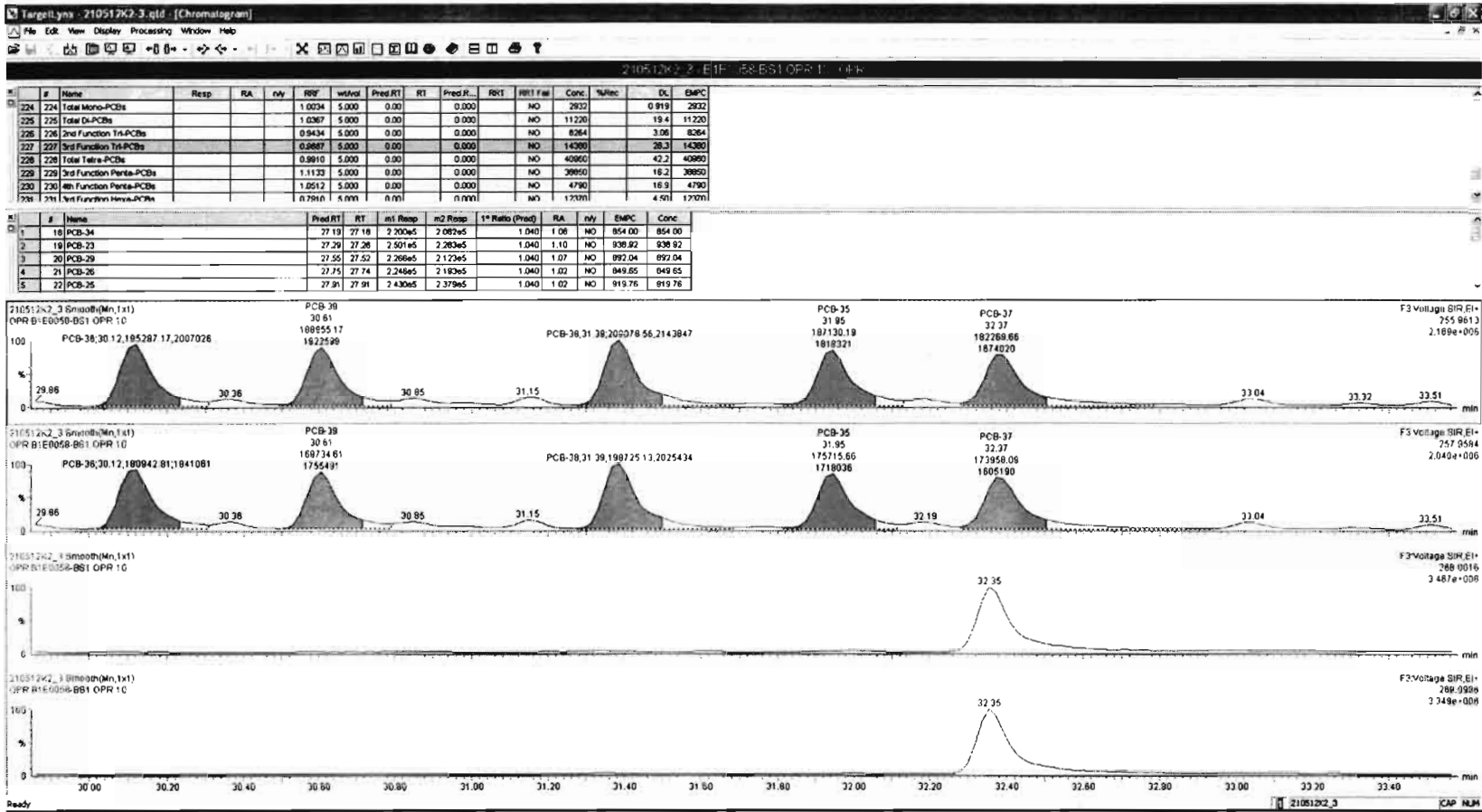


13C-PCB-28



PFK3d



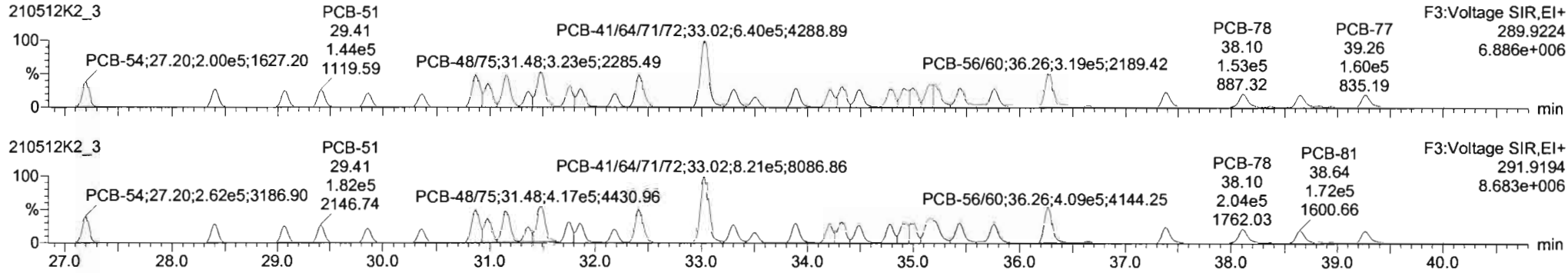


Dataset: Untitled

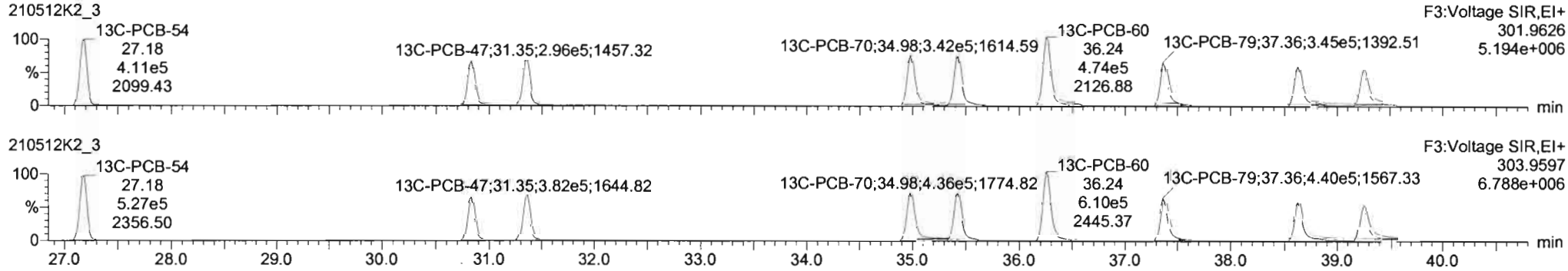
Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time
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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

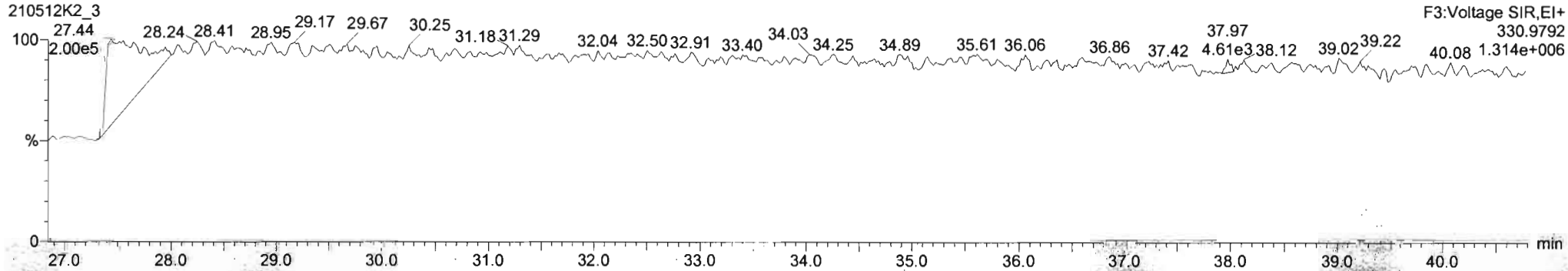
PCB-54



13C-PCB-54



PFK3a

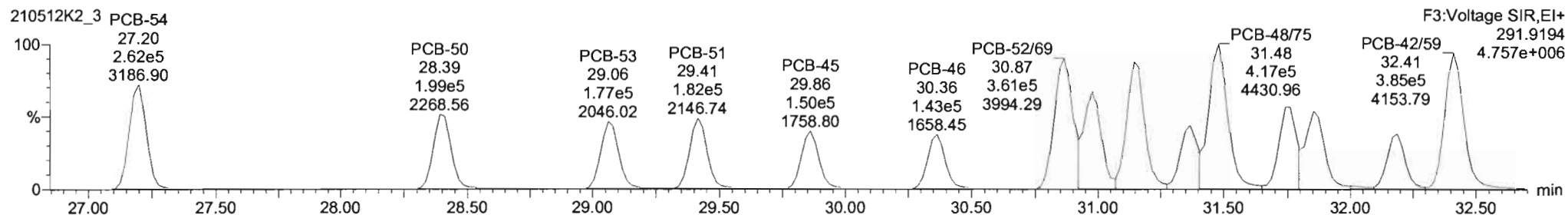
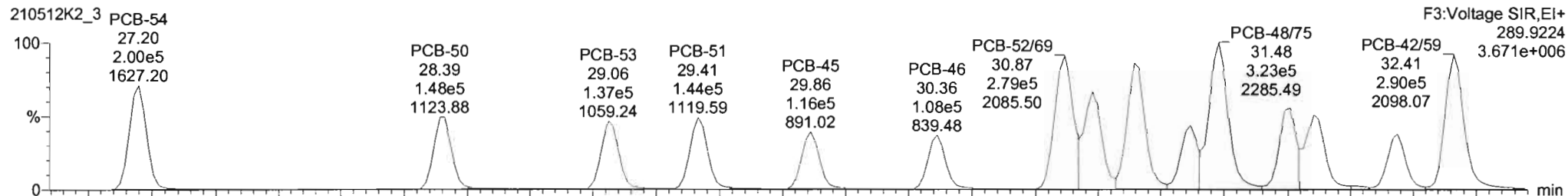


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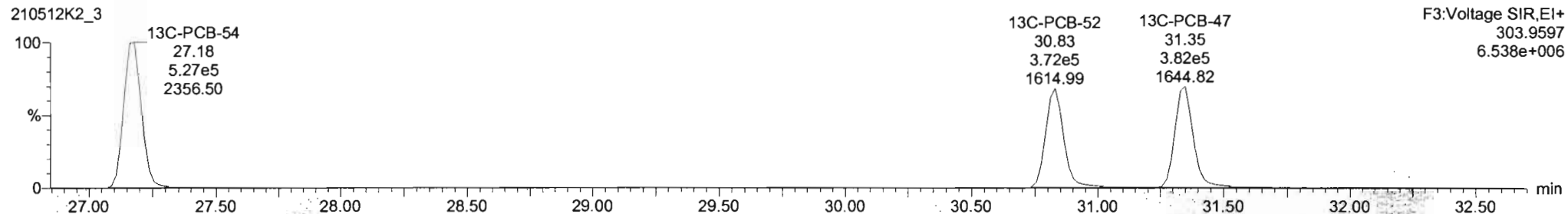
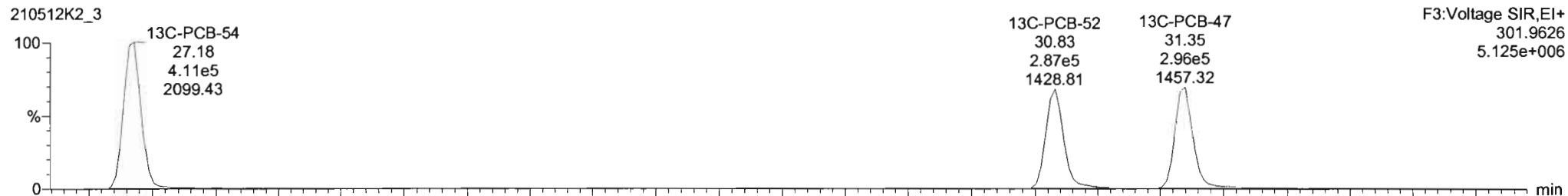
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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

PCB-50



13C-PCB-52

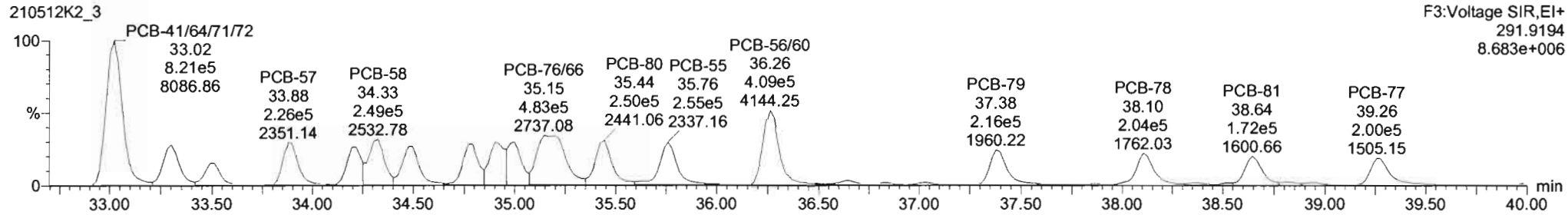
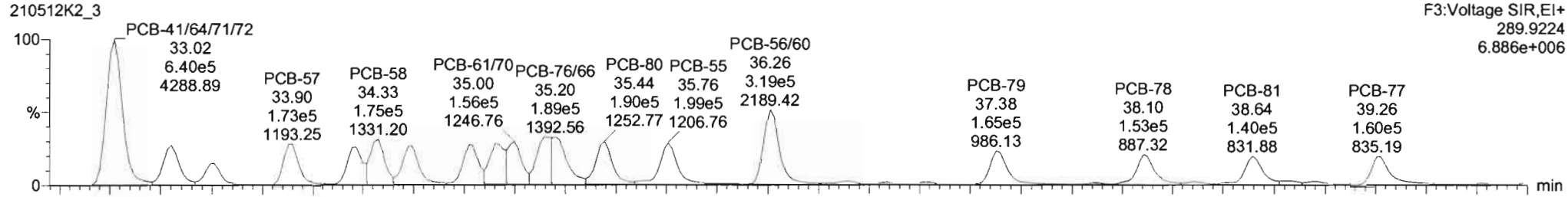


Dataset: Untitled

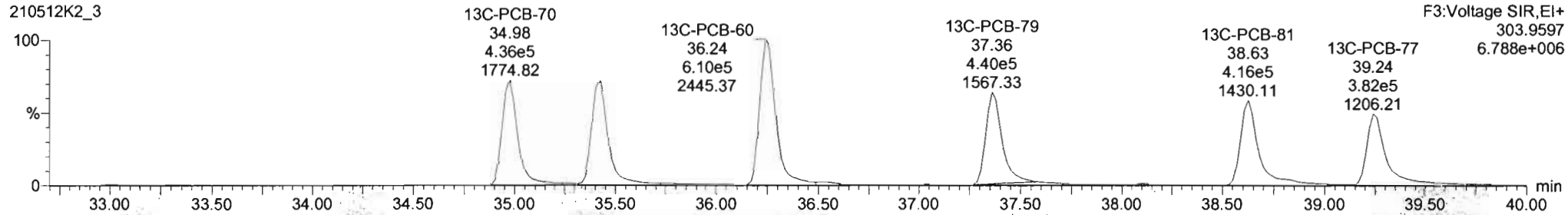
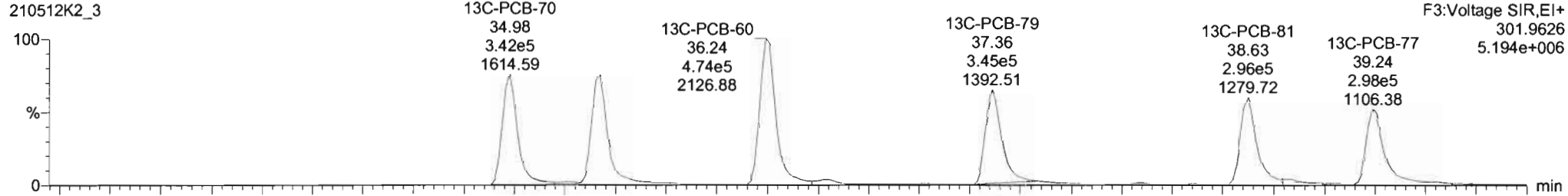
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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

PCB-68

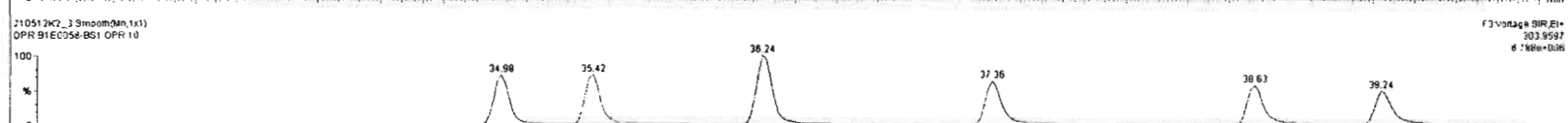
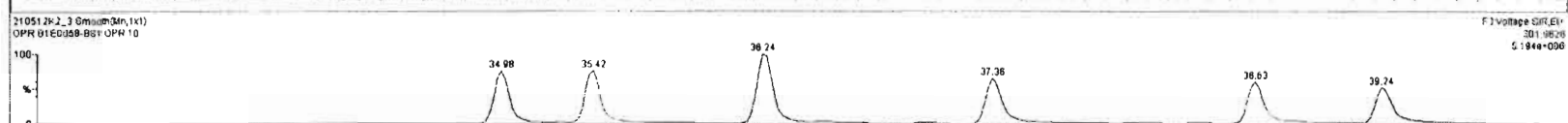
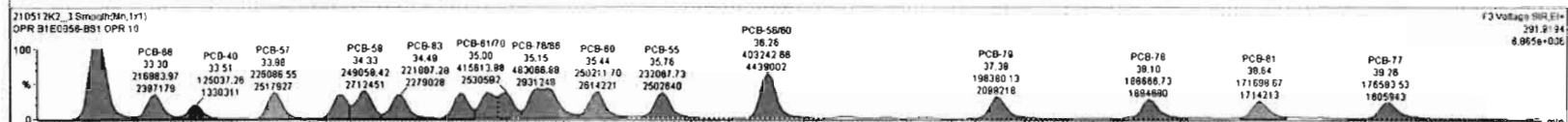
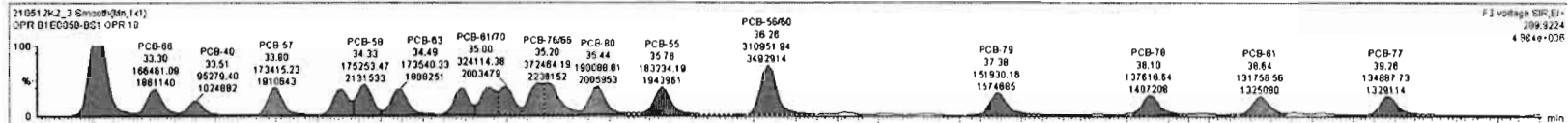


13C-PCB-60



#	Name	Resp	RA	nly	RNF	ndVol	Prod.R	RT	Prod.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.0034	5.000	0.00		0.000		NO	2632		0.319	2632
225	225 Total Di-PCBs				1.0367	5.000	0.00		0.000		NO	11220		19.4	11220
226	226 2nd Function Tri-PCBs				0.9434	5.000	0.00		0.000		NO	8264		3.06	8264
227	227 2nd Function Tetra-PCBs				0.9687	5.000	0.00		0.000		NO	14360		26.3	14360
228	228 Total Tetra-PCBs				0.9910	5.000	0.00		0.000		NO	40960		42.3	40960
229	229 2nd Function Penta-PCBs				1.1133	5.000	0.00		0.000		NO	38950		16.2	38950
230	230 4th Function Hexa-PCBs				1.0517	5.000	0.00		0.000		NO	4790		18.9	4790
231	231 Total Function Hepta-PCBs				0.7910	5.000	0.00		0.000		NO	12100		4.50	12100

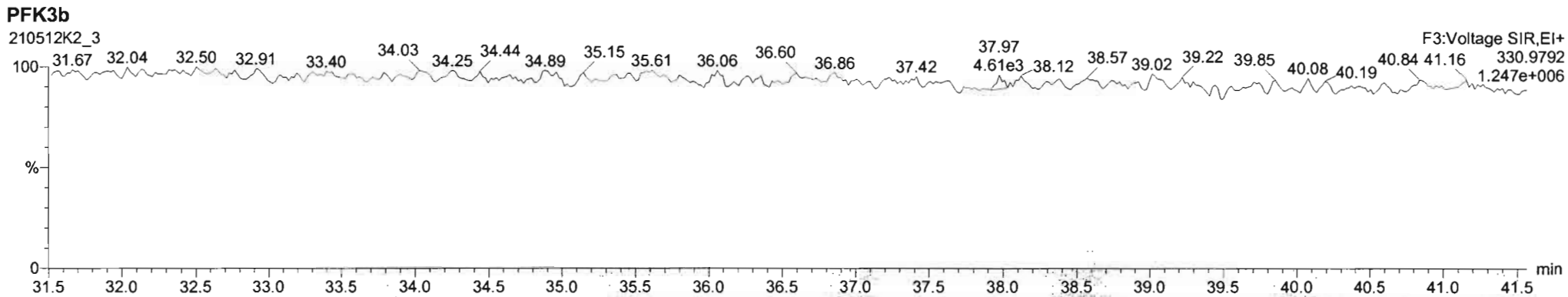
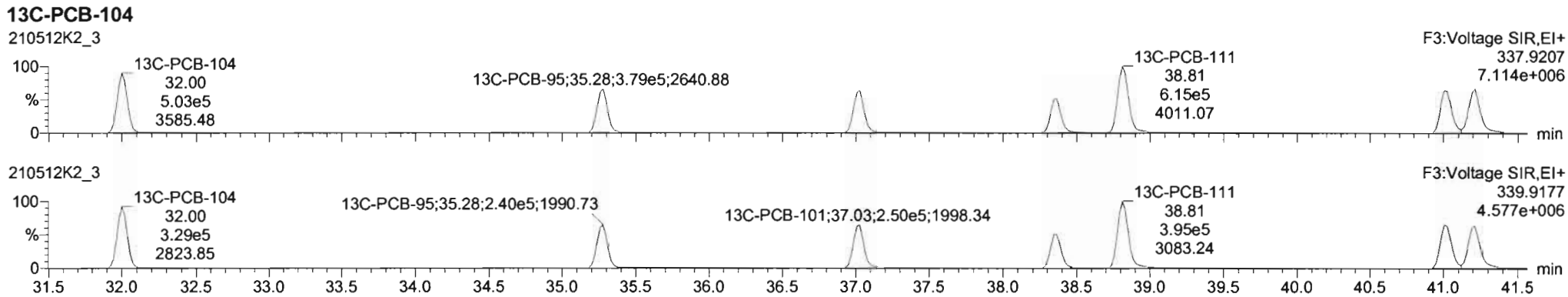
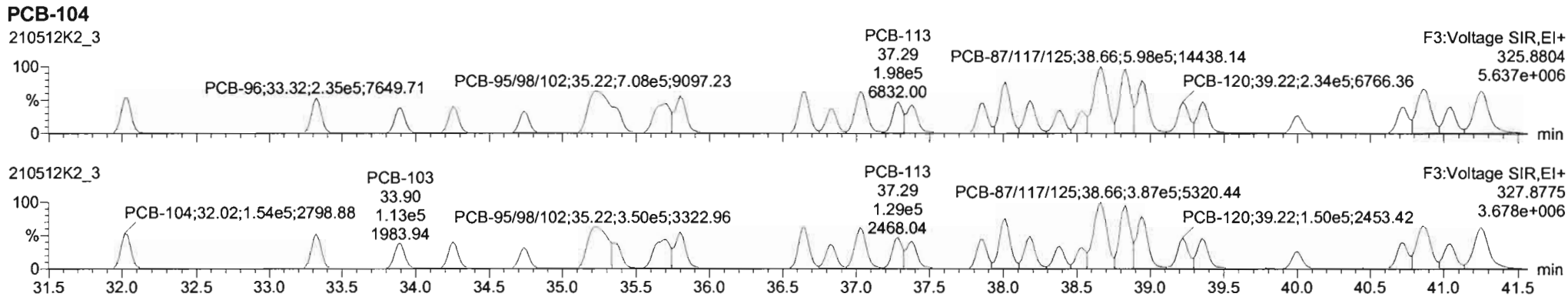
#	Name	Prod.RT	RT	nd Resp	nd Resp	**Ratio (Prod)	RA	nly	RelPC	Conc.
1	32 PCB-54	27.20	27.20	2.000e5	2.819e5	0.770	0.76	NO	1011.2	1011.2
2	33 PCB-50	29.40	29.39	1.400e5	1.969e5	0.770	0.74	NO	620.55	620.55
3	34 PCB-53	29.06	29.06	1.360e5	1.769e5	0.770	0.77	NO	1013.2	1013.2
4	35 PCB-51	29.41	29.41	1.445e5	1.821e5	0.770	0.79	NO	991.44	991.44
5	36 PCB-45	29.86	29.86	1.155e5	1.501e5	0.770	0.77	NO	1004.4	1004.4



Dataset: Untitled

Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time
Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

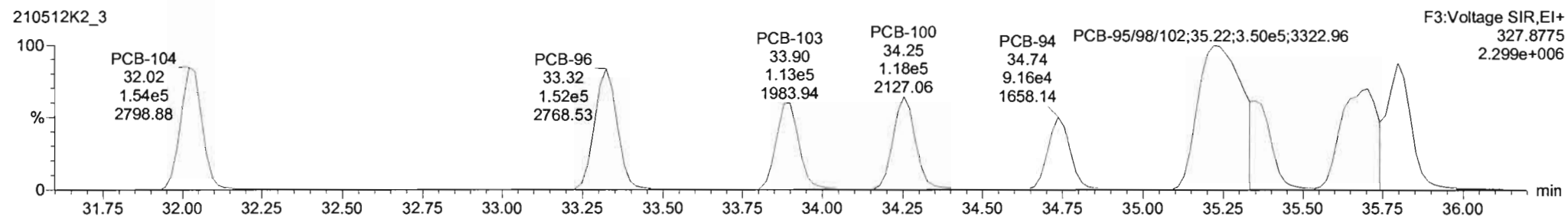
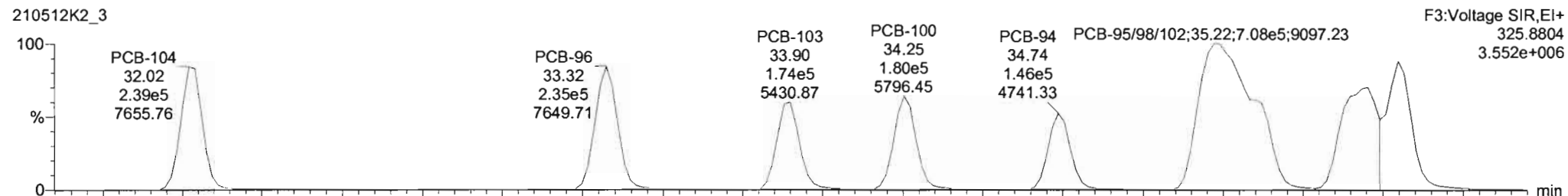


Dataset: Untitled

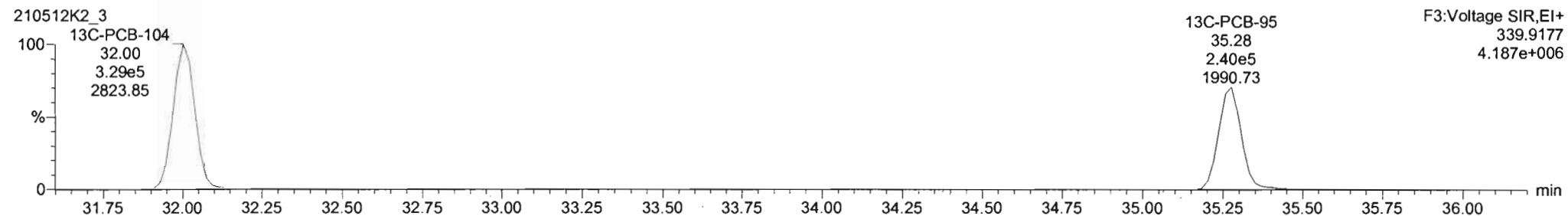
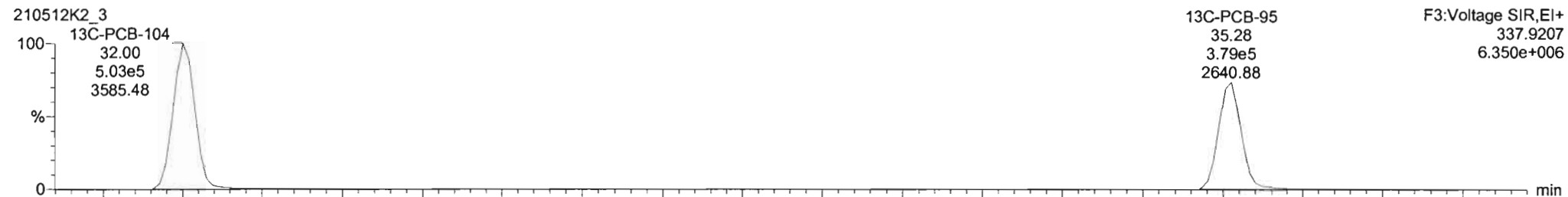
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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

PCB-96

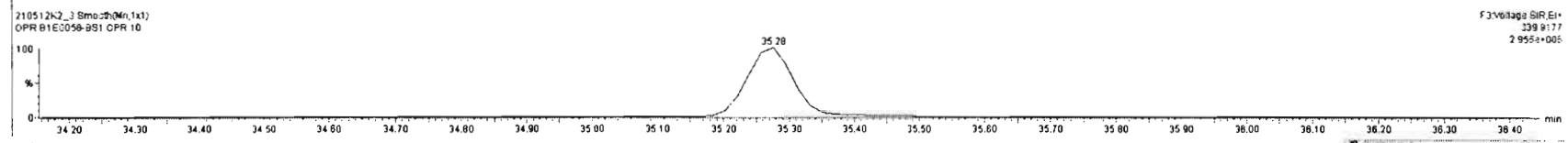
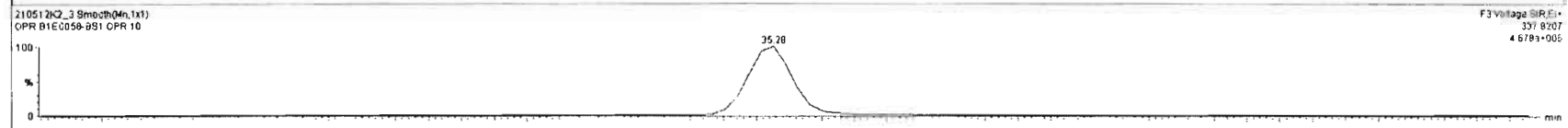
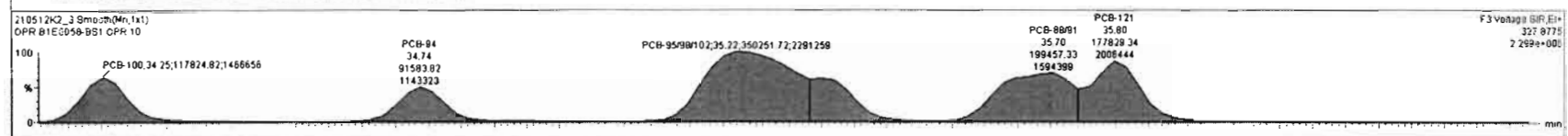
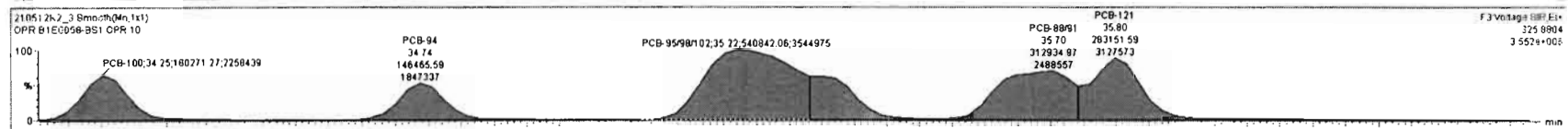


13C-PCB-95



#	Name	Resp	RA	nly	RRT	RefVal	Pred.RT	RT	Pred.R	RRT	RRT Tol	Conc	NRec	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00		0.000		NO	2932		0.919	2932
225	Total Di-PCBs				1.0267	5.000	0.00		0.000		NO	11220		19.4	11220
226	2nd Function Tri-PCBs				0.9434	5.000	0.00		0.000		NO	8264		3.06	8264
227	3rd Function Tri-PCBs				0.9687	5.000	0.00		0.000		NO	14360		28.3	14360
228	Total Tetra-PCBs				0.9910	5.000	0.00		0.000		NO	40660		42.3	40660
229	3rd Function Penta-PCBs				1.1133	5.000	0.00		0.000		NO	38650		18.2	38650
230	4th Function Penta-PCBs				1.0512	5.000	0.00		0.000		NO	4790		16.9	4790
231	3rd Function Hexa-PCBs				0.7911	5.000	0.00		0.000		NO	12301		4.40	12301

#	Name	Pred.RT	RT	Int Resp	Int Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	PCB-104	32.02	32.02	2.289e5	1.535e5	1.560	1.55	NO	901.21	901.21
2	PCB-98	33.31	33.32	2.346e5	1.611e5	1.560	1.55	NO	945.89	945.89
3	PCB-103	33.80	33.80	1.742e5	1.127e5	1.560	1.55	NO	896.67	896.67
4	PCB-100	34.25	34.25	1.823e5	1.178e5	1.560	1.53	NO	891.00	891.00
5	PCB-94	34.74	34.74	1.465e5	9.159e4	1.560	1.60	NO	924.82	924.82

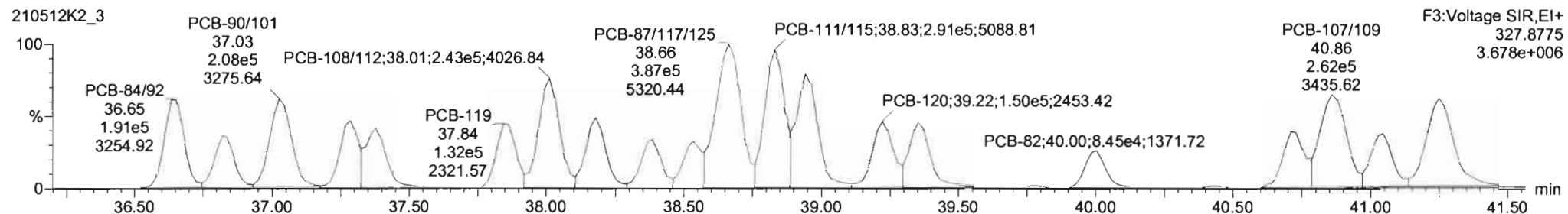
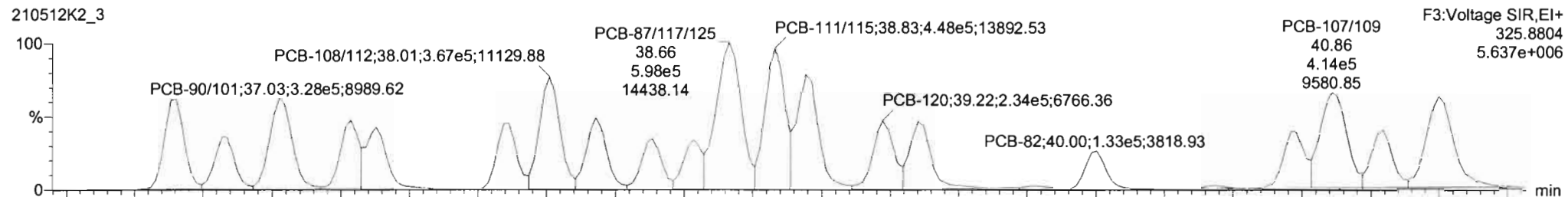


Dataset: Untitled

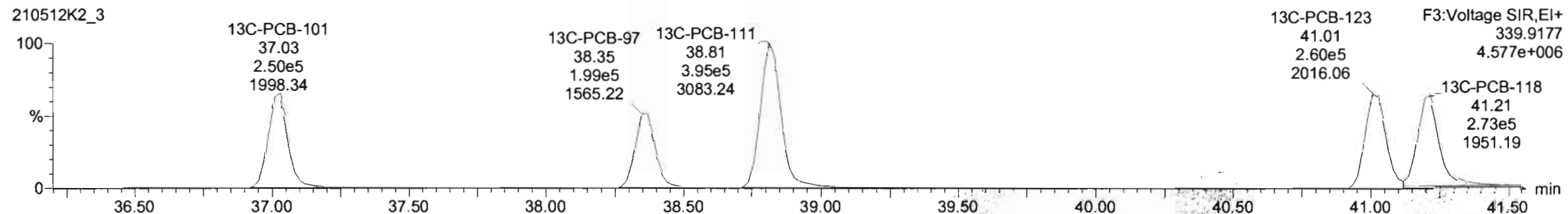
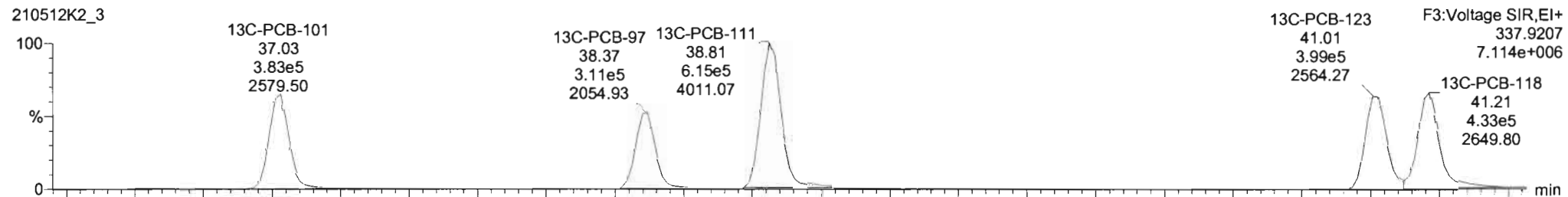
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

PCB-119

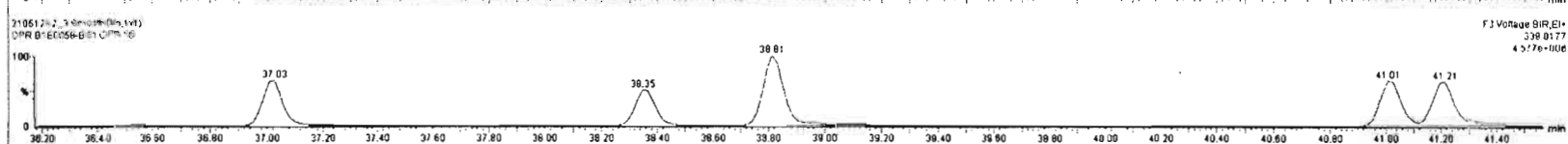
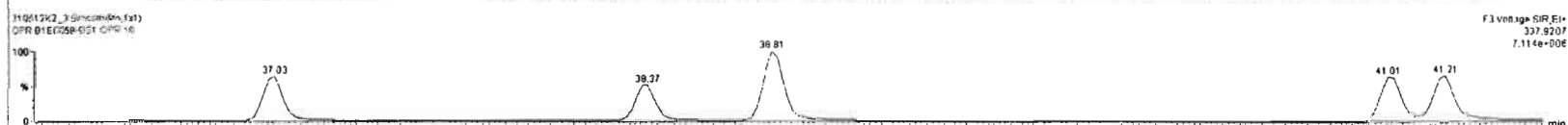
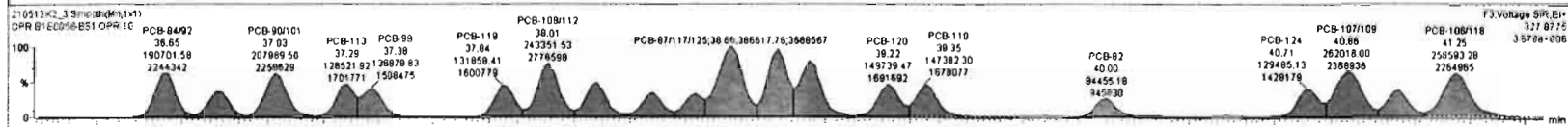
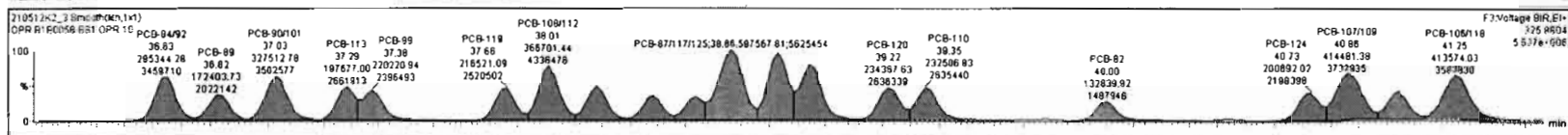


13C-PCB-111



#	Name	Resp	RA	nly	RPF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00	0.000	0.000		NO	2932		0.919	2932
225	Total Di-PCBs				1.0067	5.000	0.00	0.000	0.000		NO	11220		19.4	11220
226	2nd Function Tri-PCBs				0.9434	5.000	0.00	0.000	0.000		NO	8264		3.06	8264
227	2nd Function Tetra-PCBs				0.9567	5.000	0.00	0.000	0.000		NO	14360		26.3	14360
228	Total Tetra-PCBs				0.9810	5.000	0.00	0.000	0.000		NO	40960		42.2	40960
229	2nd Function Penta-PCBs				1.3155	5.000	0.00	0.000	0.000		NO	39950		18.2	39950
230	4th Function Penta-PCBs				1.0612	5.000	0.00	0.000	0.000		NO	4790		18.9	4790
231	3rd Function Hexa-PCBs				0.7980	5.000	0.00	0.000	0.000		NO	17200		4.50	17200

#	Name	Pred RT	RT	m1 Resp	m2 Resp	* Ratio (Pred)	RA	nly	EMPC	Conc
64	PCB-104	32.02	32.02	2.308e5	1.525e5	1.560	1.55	NO	961.21	961.21
65	PCB-96	33.31	33.32	2.346e5	1.517e5	1.560	1.55	NO	945.89	945.89
68	PCB-103	33.80	33.80	1.742e5	1.173e5	1.560	1.56	NO	898.87	898.87
67	PCB-100	34.25	34.25	1.803e5	1.178e5	1.560	1.53	NO	891.00	891.00
66	PCB-94	34.74	34.74	1.465e5	9.158e4	1.560	1.80	NO	924.82	924.82

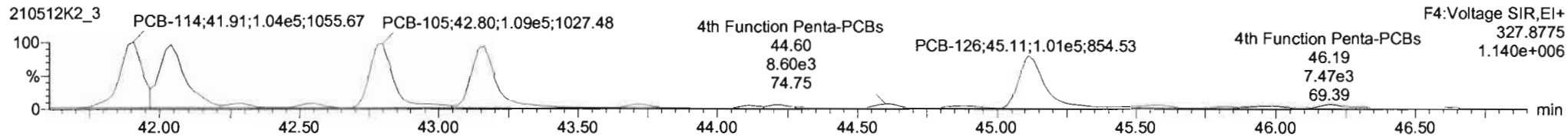
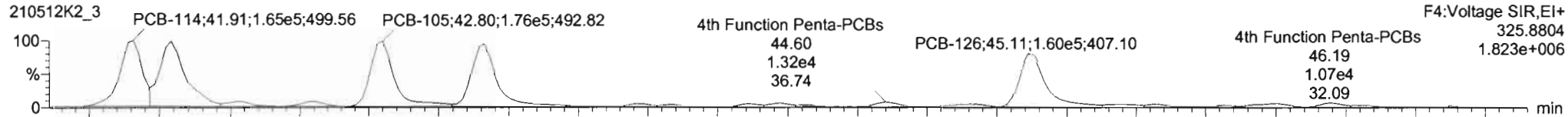


Dataset: Untitled

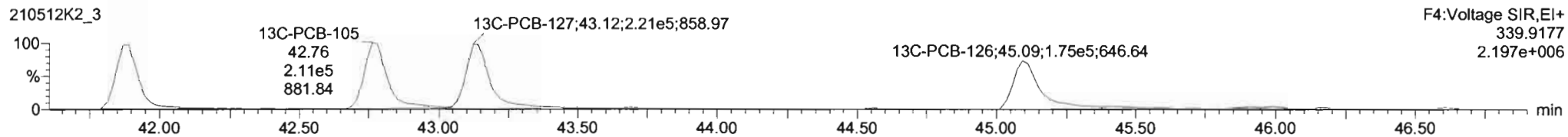
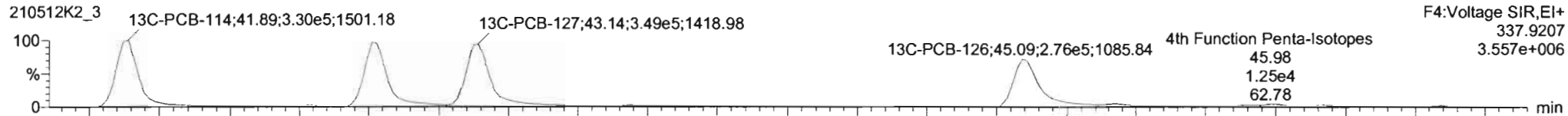
Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time
 Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

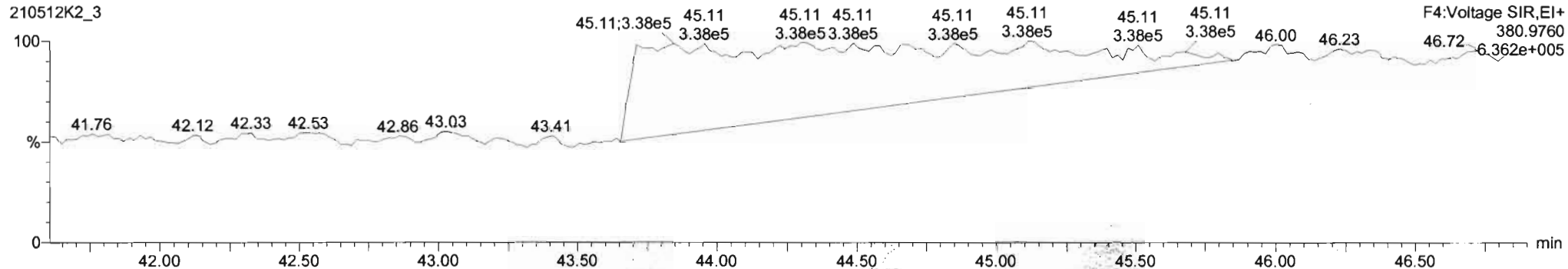
PCB-114



13C-PCB-114

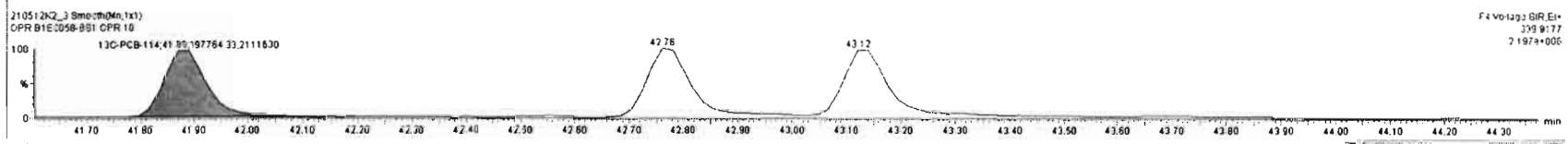
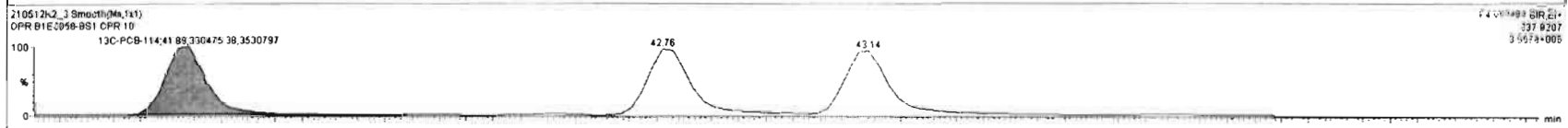
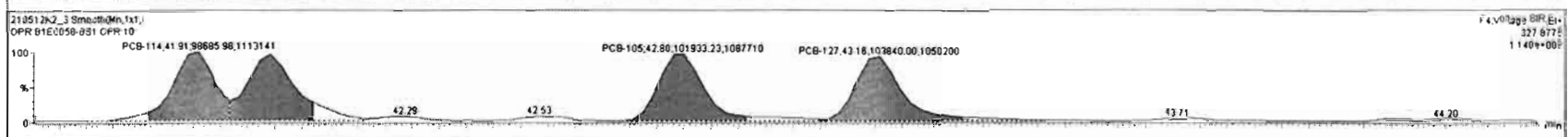
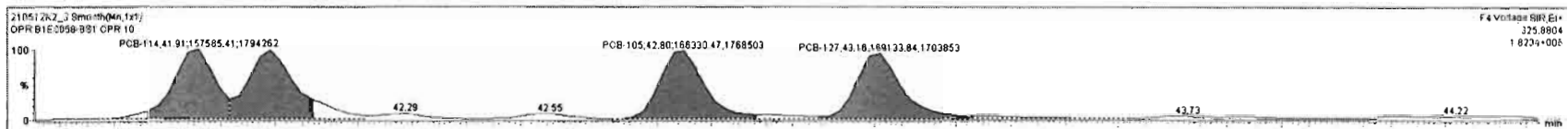


PFK4a



#	Name	Resp	RA	n/y	RF	wt/d	Pred RT	RT	Pred R	RRT	RRT Fal	Conc	MR	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00	0.000	0.000		NO	2932		0.910	2932
225	Total Di-PCBs				1.0267	5.000	0.00	0.000	0.000		NO	11220		19.4	11220
226	2nd Function Tri-PCBs				0.9434	5.000	0.00	0.000	0.000		NO	8264		3.06	8264
227	3rd Function Tri-PCBs				0.9587	5.000	0.00	0.000	0.000		NO	14360		36.3	14360
228	Total Tetra-PCBs				0.9910	5.000	0.00	0.000	0.000		NO	40960		42.2	40960
229	3rd Function Penta-PCBs				1.1133	5.000	0.00	0.000	0.000		NO	38850		16.2	38850
230	4th Function Penta-PCBs				1.0512	5.000	0.00	0.000	0.000		NO	4790		16.9	4790
231	3rd Function Hexa-PCBs				0.7910	5.000	0.00	0.000	0.000		NO	17070		4.50	17070

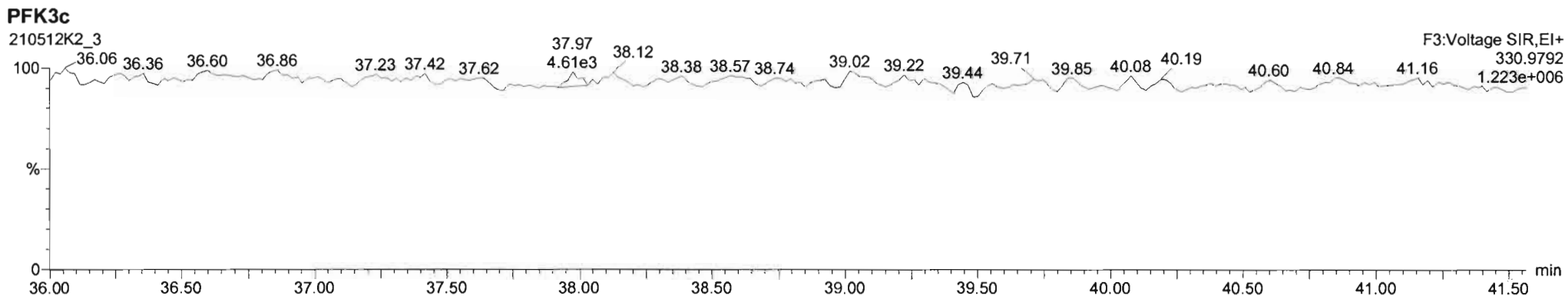
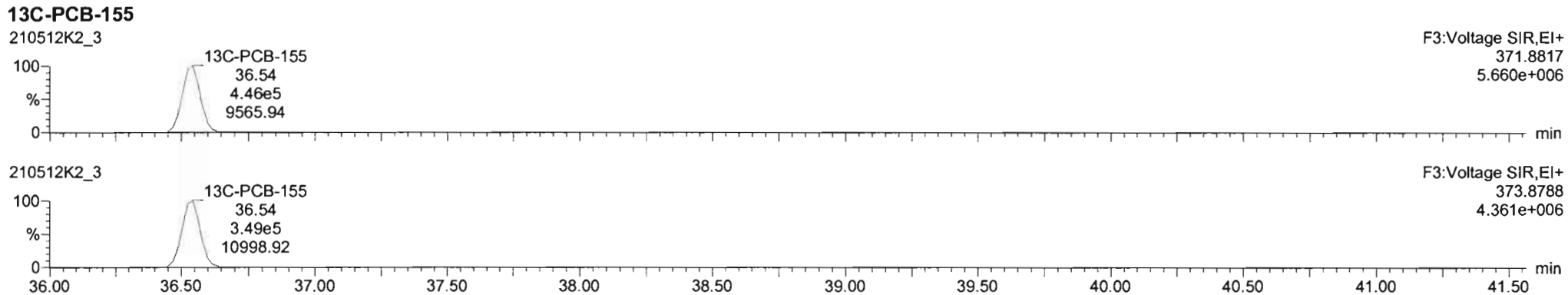
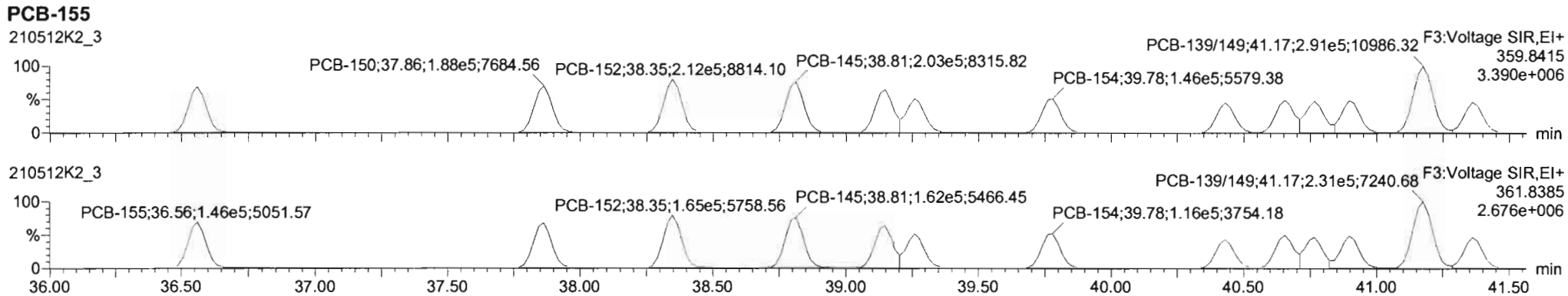
#	Name	Pred RT	RT	wt Resp	m2 Resp	1 st Ratio (Peak)	RA	n/y	EMPC	Conc
1	PCB-114	41.91	41.91	1.578e5	9.808e4	1.560	1.60	NO	885.08	885.08
2	PCB-122	42.06	42.04	1.647e5	1.005e5	1.580	1.64	NO	1079.1	1079.1
3	PCB-105	42.78	42.80	1.663e5	1.019e5	1.550	1.63	NO	957.38	957.38
4	PCB-127	43.16	43.16	1.691e5	1.038e5	1.580	1.63	NO	908.21	908.21
5	PCB-126	45.11	45.11	1.515e5	9.548e4	1.560	1.59	NO	952.10	952.10



Dataset: Untitled

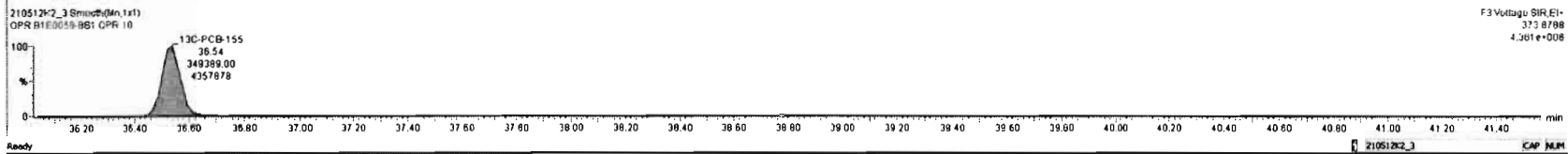
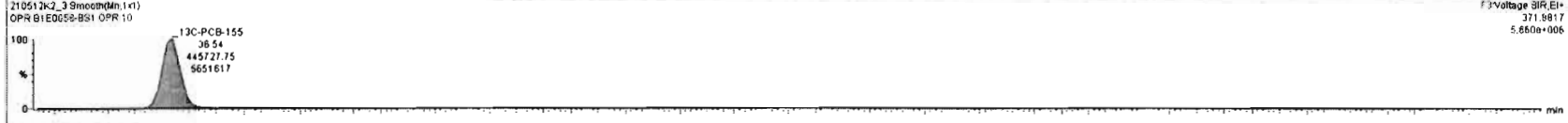
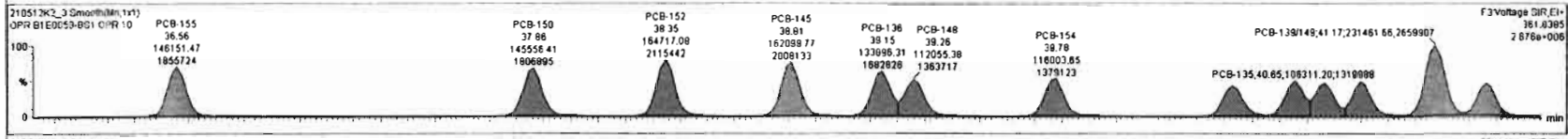
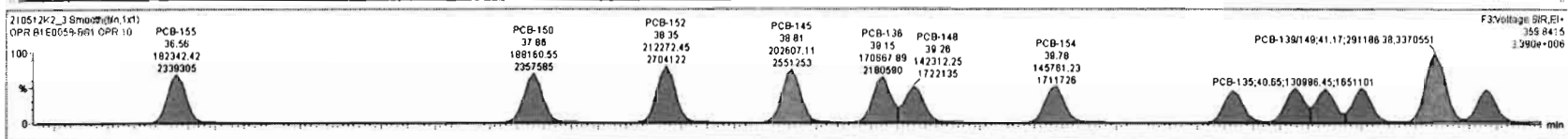
Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time
Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR



#	Name	Resp	RA	nly	RRF	wtAval	Pred.RT	RT	Pred.R	RRT	RRT Fal	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	5.000	0.00		0.000		NO	2932		0.919	2932
225	Total Di-PCBs				1.0367	5.000	0.00		0.000		NO	11220		19.4	11220
226	2nd Function Tri-PCBs				0.9434	5.000	0.00		0.000		NO	8264		3.06	8264
227	3rd Function Tri-PCBs				0.9687	5.000	0.00		0.000		NO	14360		26.3	14360
228	Total Tetra-PCBs				0.9910	5.000	0.00		0.000		NO	40960		42.2	40960
229	3rd Function Penta-PCBs				1.1133	5.000	0.00		0.000		NO	38850		16.7	38850
230	4th Function Penta-PCBs				1.0512	5.000	0.00		0.000		NO	4790		16.9	4790
231	3rd Function Hexa-PCBs				n 3560	n 000	n 000		n 000		NO	n 000		4.60	n 000

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	98 PCB-155	36.56	36.56	1.823e5	1.462e5	1.240	1.25	NO	869.11	869.11
2	98 PCB-150	37.88	37.88	1.882e5	1.456e5	1.240	1.29	NO	898.49	898.49
3	100 PCB-152	38.35	38.35	2.123e5	1.647e5	1.240	1.29	NO	931.31	931.31
4	101 PCB-145	38.81	38.81	2.026e5	1.621e5	1.240	1.25	NO	933.39	933.39
5	102 PCB-136	39.15	39.15	1.707e5	1.339e5	1.240	1.27	NO	869.49	869.49



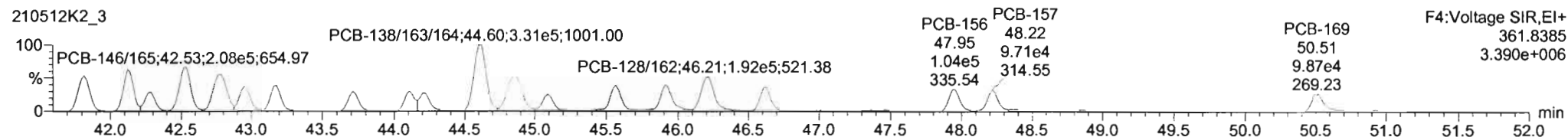
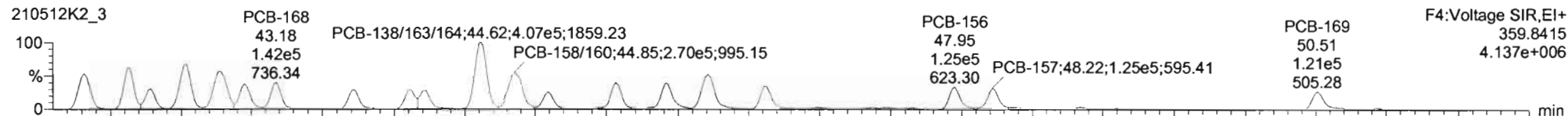
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Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time

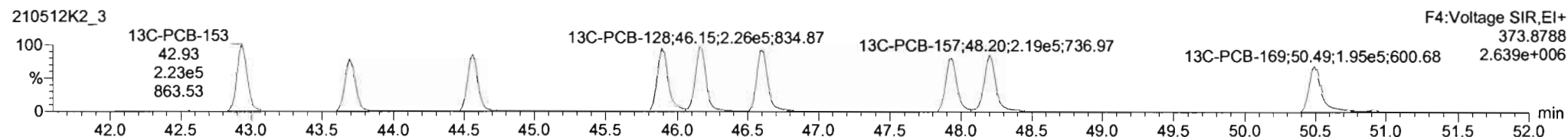
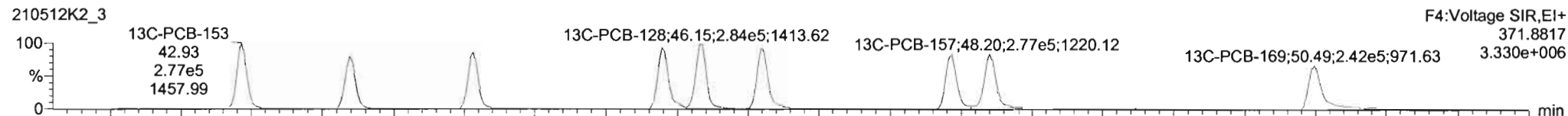
Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

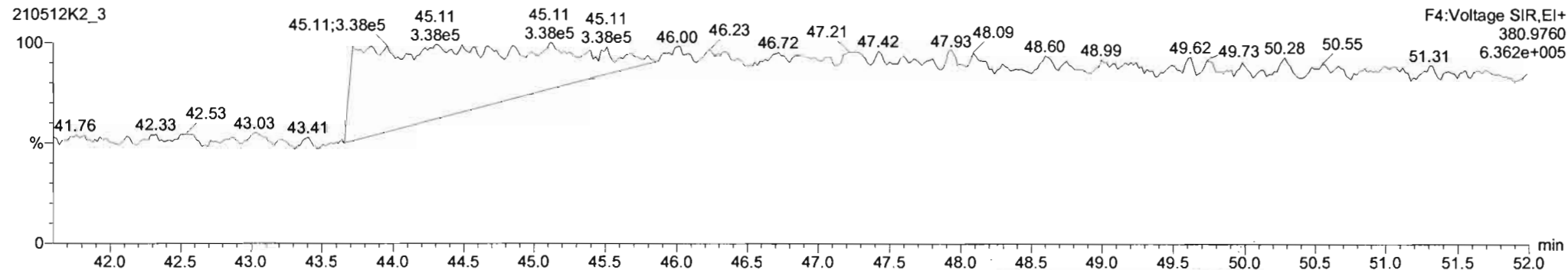
PCB-134/143



13C-PCB-153



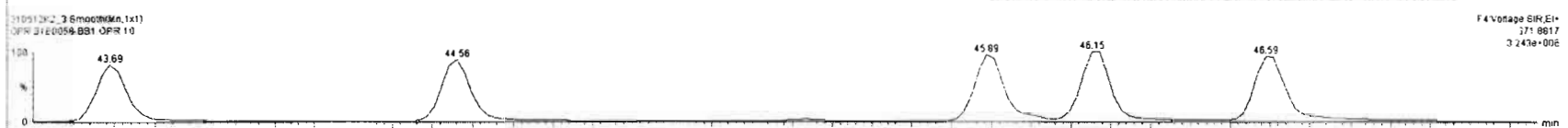
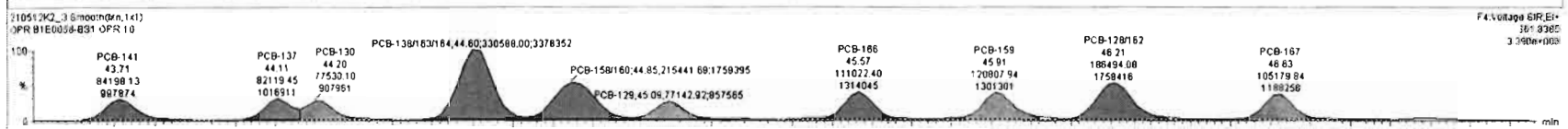
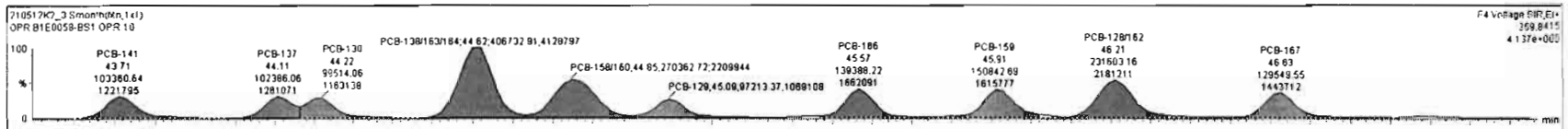
PFK4b



210512K2_3_B1E0058-BB1 OPR 10 - OPR

#	Name	Resp	RA	nV	RF	wtVol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				0.9455	5.000	0.00		0.000		NO	27900		90.6	27900
233	Total Hexa-PCBs				1.2043	5.000	0.00		0.000		NO	22730		28.1	22730
234	4th Function Octa-PCBs				0.9605	5.000	0.00		0.000		NO	8274		3.48	8274
235	5th Function Octa-PCBs				1.0957	5.000	0.00		0.000		NO	2999		2.33	2999
236	Total Nona-PCBs				0.8671	5.000	0.00		0.000		NO	3059		2.94	3059
237	Deca-CB				0.8627	5.000	0.00		0.000		NO	971.7		0.362	971.7
238	Total PCBs														
239	Total Mono-ortho-nov														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nV	EMPC	Conc.
1	111 PCB-130/143	41.82	41.81	2.046e5	1.671e5	1.240	1.22	NO	2069.8	2069.8
2	112 PCB-131/133	42.14	42.12	2.109e5	1.719e5	1.240	1.23	NO	1902.1	1902.1
3	113 PCB-142	42.30	42.29	1.032e5	8.053e4	1.240	1.28	NO	1068.7	1068.7
4	114 PCB-146/185	42.54	42.53	2.585e5	2.079e5	1.240	1.24	NO	1975.2	1975.2
5	115 PCB-132/181	42.78	42.78	2.608e5	2.072e5	1.240	1.26	NO	1953.9	1953.9



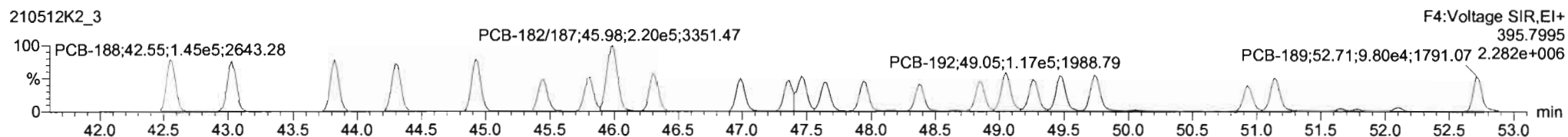
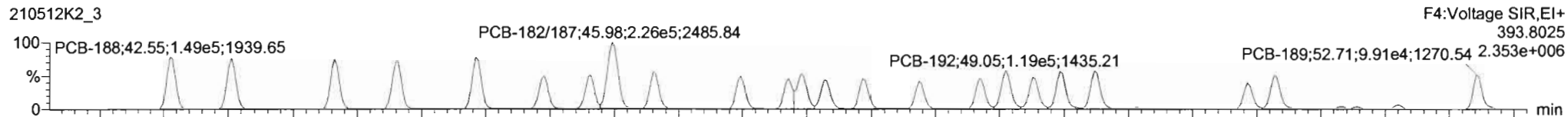
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Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time

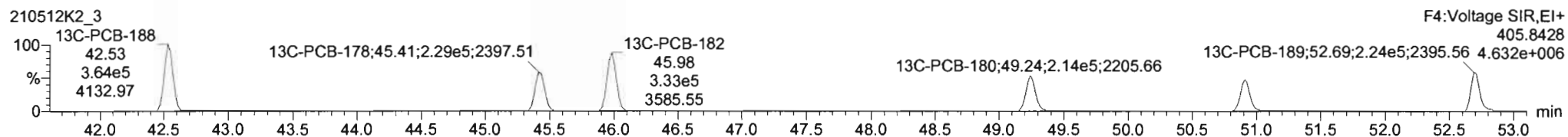
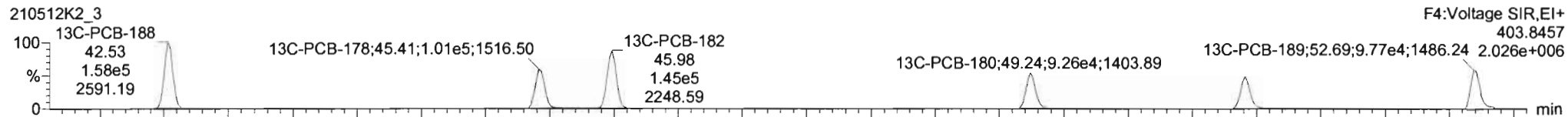
Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

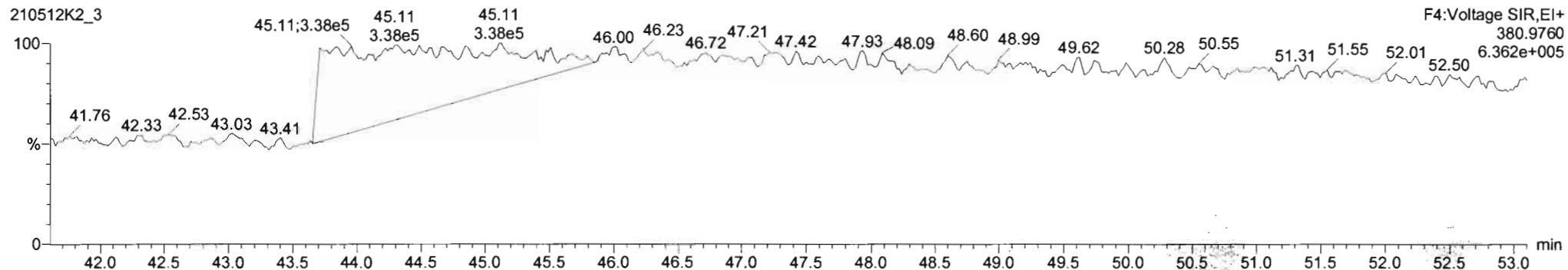
PCB-188



13C-PCB-188



PFK4c

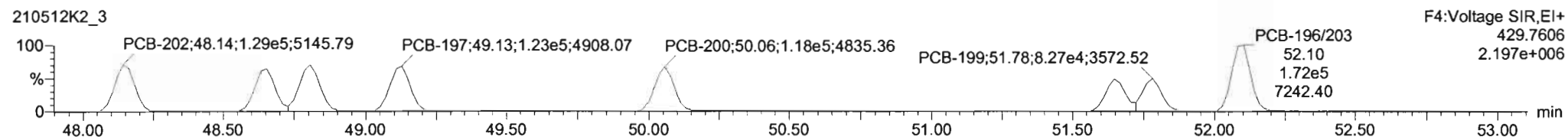
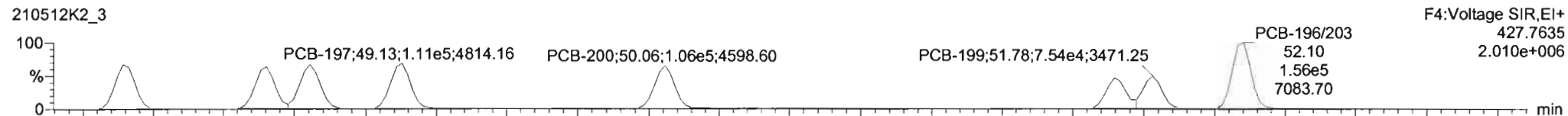


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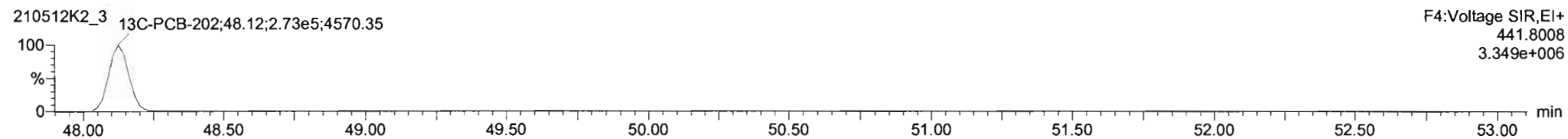
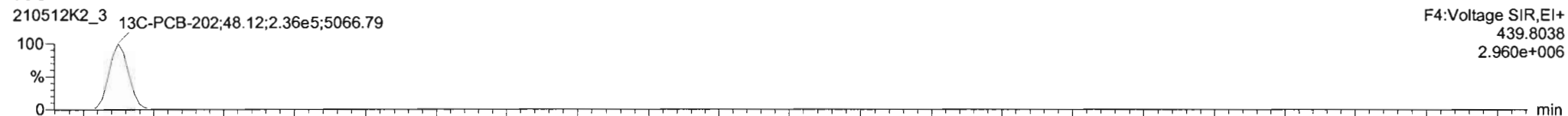
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

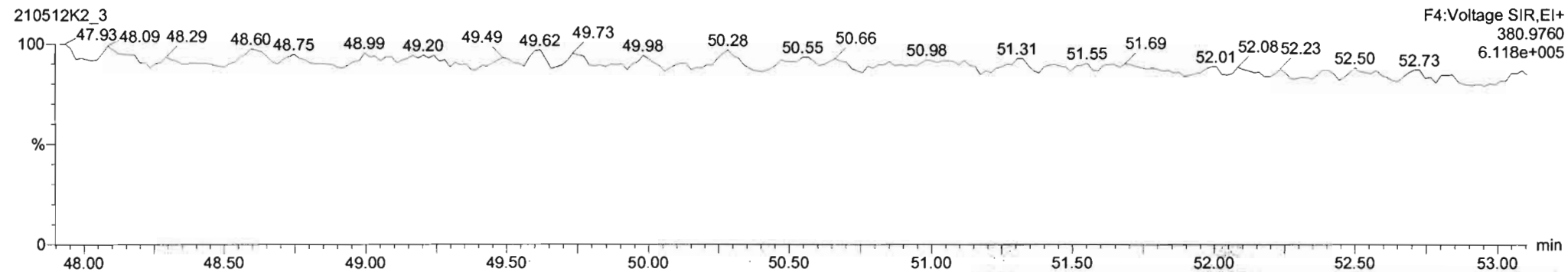
PCB-202



13C-PCB-202



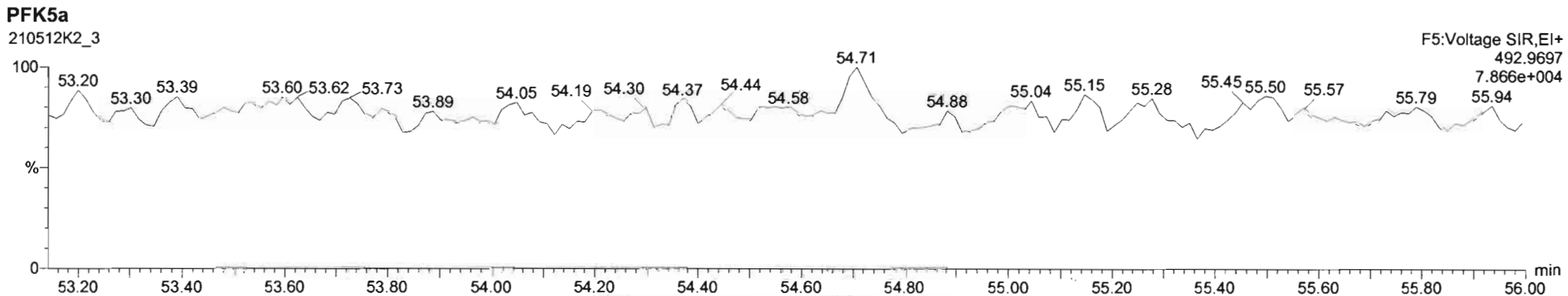
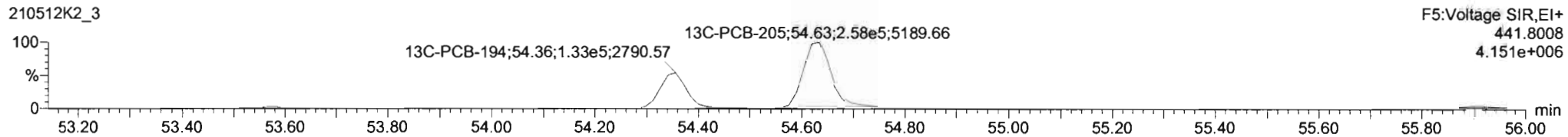
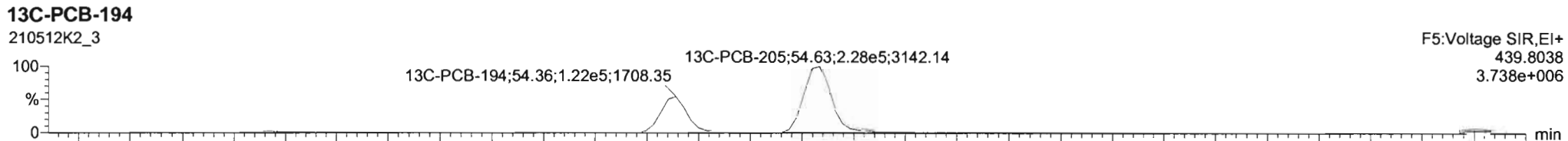
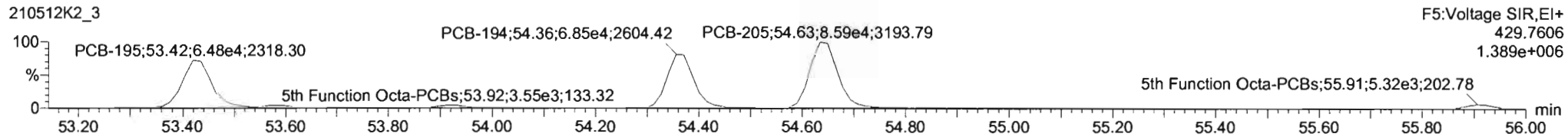
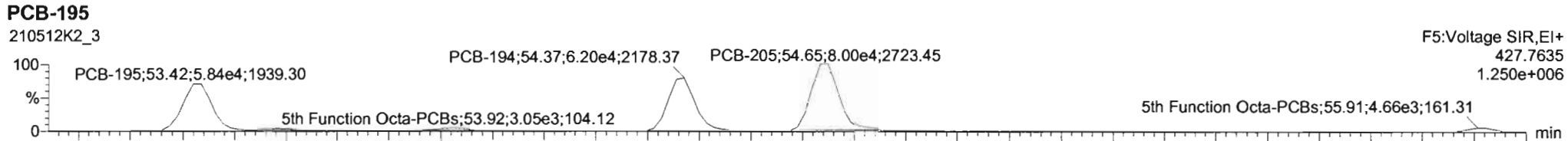
PFK4d



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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

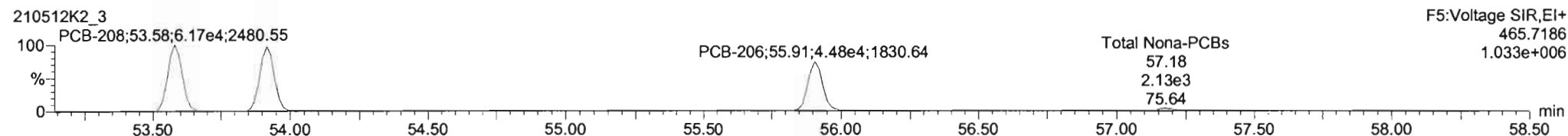
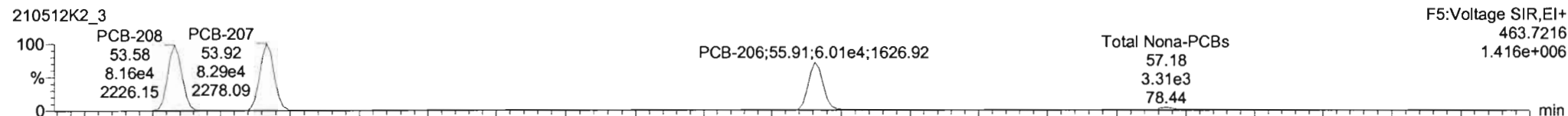


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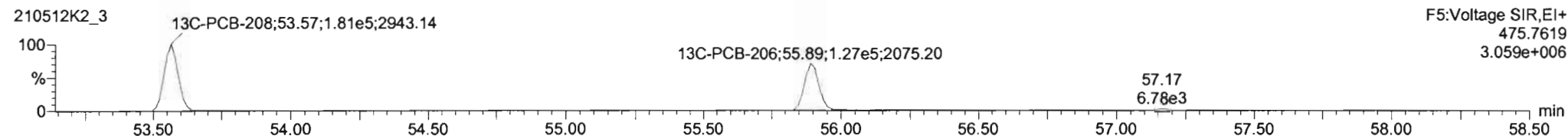
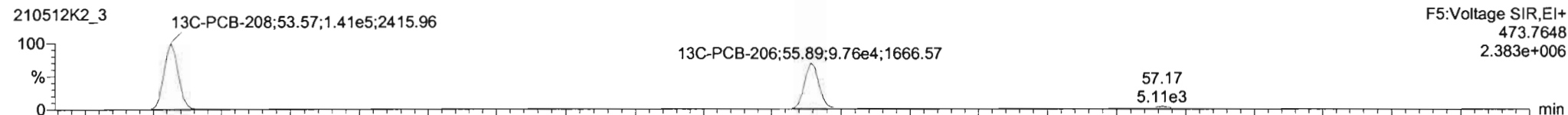
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Name: 210512K2_3, Date: 12-May-2021, Time: 13:53:21, ID: B1E0058-BS1 OPR 10, Description: OPR

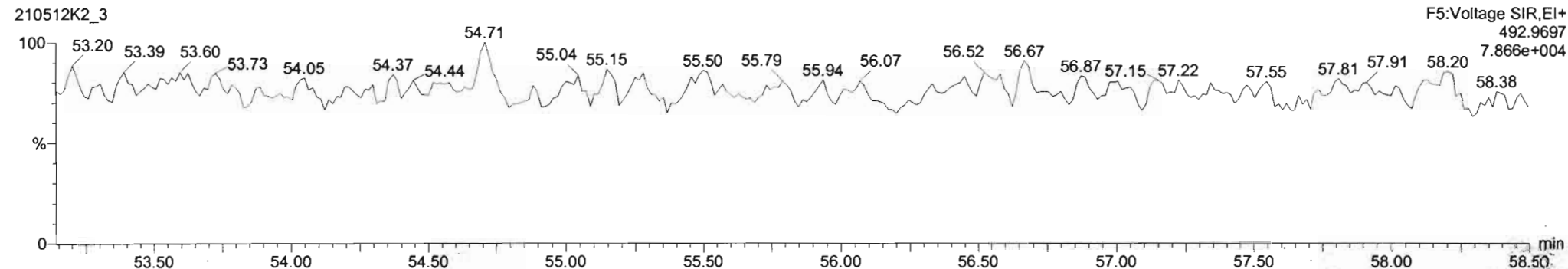
PCB-208



13C-PCB-208



PFK5



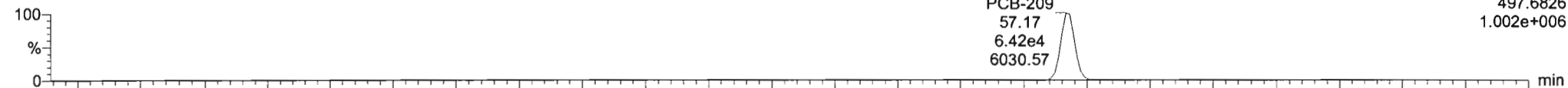
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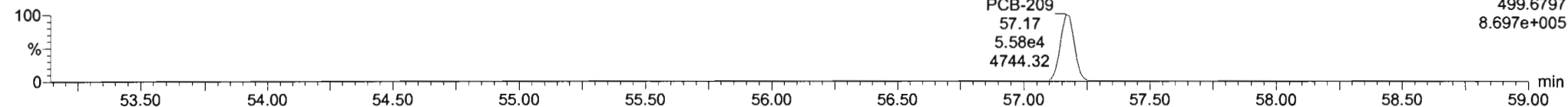
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PCB-209

210512K2_3

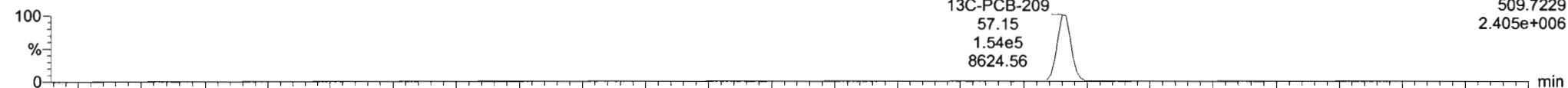


210512K2_3

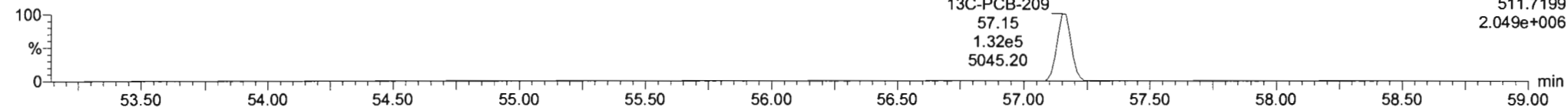


13C-PCB-209

210512K2_3

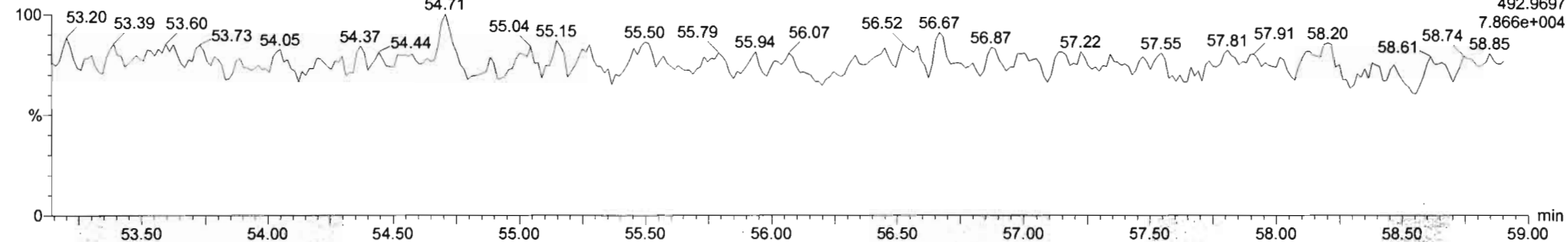


210512K2_3



PFK5b

210512K2_3



Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

Printed: Friday, May 14, 2021 2:58:44 PM Pacific Daylight Time

DF05/14/21

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

C105/17/2021

Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	2.34e3	3.10	NO	0.986	5.029	15.23	15.24	1.001	1.001	NO	3.541		0.388	3.541
2	2 PCB-2	4.72e3	2.35	YES	1.02	5.029	17.66	17.66	0.988	0.989	NO	6.867		0.245	6.359
3	3 PCB-3	5.03e3	2.85	NO	1.00	5.029	17.87	17.88	1.001	1.001	NO	7.457		0.250	7.457
4	4 PCB-4/10	2.73e3	0.92	YES	1.21	5.029	19.24	19.18	1.004	1.001	NO	5.459		0.544	4.299
5	5 PCB-7/9			NO	0.939	5.029	21.02		1.003		YES			0.543	
6	6 PCB-6	2.30e3	1.62	NO	0.996	5.029	21.66	21.67	1.033	1.033	NO	3.520		0.512	3.520
7	7 PCB-5/8	1.17e4	1.42	NO	0.976	5.029	22.06	22.07	1.052	1.053	NO	18.24		0.522	18.24
8	8 PCB-14			NO	1.02	5.029	23.25		0.951		YES			0.608	
9	9 PCB-11	1.92e4	1.50	NO	1.12	5.029	24.45	24.45	1.001	1.001	NO	25.17		0.558	25.17
10	10 PCB-12/13	2.94e3	1.26	YES	1.02	5.029	24.88	24.84	1.018	1.016	NO	4.221		0.611	3.863
11	11 PCB-15	1.50e4	1.60	NO	1.02	5.029	25.16	25.16	1.030	1.030	NO	21.60		0.612	21.60
12	12 PCB-19	1.52e3	0.89	NO	0.972	5.029	23.39	23.38	1.001	1.001	NO	3.992		0.363	3.992
13	13 PCB-30			NO	1.54	5.029	24.28		1.039		YES			0.229	
14	14 PCB-18	1.41e4	1.00	NO	0.719	5.029	25.06	25.06	0.951	0.951	NO	32.00		0.311	32.00
15	15 PCB-17	6.62e3	1.04	NO	0.672	5.029	25.24	25.24	0.958	0.958	NO	16.10		0.333	16.10
16	16 PCB-24/27	1.85e3	0.91	NO	0.932	5.029	25.82	25.80	0.980	0.979	NO	3.238		0.240	3.238
17	17 PCB-16/32	1.16e4	1.07	NO	0.824	5.029	26.36	26.35	1.001	1.000	NO	23.04		0.271	23.04
18	18 PCB-34			NO	0.878	5.029	27.19		0.959		YES			0.415	
19	19 PCB-23			NO	0.892	5.029	27.29		0.962		YES			0.408	
20	20 PCB-29			NO	0.861	5.029	27.55		0.972		YES			0.423	
21	21 PCB-26	6.58e3	1.08	NO	0.915	5.029	27.75	27.74	0.979	0.978	NO	10.89		0.398	10.89
22	22 PCB-25	3.31e3	1.07	NO	0.915	5.029	27.91	27.91	0.984	0.984	NO	5.480		0.398	5.480
23	23 PCB-31	3.00e4	1.01	NO	1.03	5.029	28.28	28.28	0.998	0.997	NO	44.07		0.353	44.07
24	24 PCB-28	4.04e4	1.03	NO	1.01	5.029	28.37	28.37	1.001	1.001	NO	60.42		0.359	60.42
25	25 PCB-20/21/33	1.99e4	1.03	NO	0.913	5.029	29.00	29.02	1.023	1.024	NO	32.98		0.399	32.98
26	26 PCB-22	1.25e4	1.15	NO	0.948	5.029	29.46	29.47	1.039	1.039	NO	19.93		0.384	19.93
27	27 PCB-36			NO	1.07	5.029	30.13		0.930		YES			0.307	
28	28 PCB-39			NO	1.00	5.029	30.62		0.945		YES			0.327	
29	29 PCB-38	2.09e3	1.18	NO	1.05	5.029	31.43	31.41	0.970	0.970	NO	2.906		0.312	2.906
30	30 PCB-35	1.74e3	1.15	NO	1.05	5.029	31.96	31.98	0.987	0.987	NO	2.429		0.313	2.429
31	31 PCB-37	1.63e4	1.07	NO	1.03	5.029	32.41	32.41	1.001	1.001	NO	23.14		0.319	23.14

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
32	32 PCB-54	2.21e2	0.76	NO	0.974	5.029	27.20	27.20	1.001	1.001	NO	0.4495		0.411	0.4495
33	33 PCB-50	1.80e2	1.10	YES	0.803	5.029	28.40	28.39	1.045	1.045	NO	0.4449		0.499	0.3747
34	34 PCB-53	4.40e3	0.68	NO	0.939	5.029	29.08	29.08	0.943	0.943	NO	10.54		0.525	10.54
35	35 PCB-51	8.80e3	0.74	NO	1.00	5.029	29.42	29.43	0.954	0.954	NO	19.82		0.493	19.82
36	36 PCB-45	3.43e3	0.83	NO	0.802	5.029	29.88	29.86	0.969	0.968	NO	9.617		0.615	9.617
37	37 PCB-46	1.48e3	0.77	NO	0.770	5.029	30.38	30.36	0.985	0.984	NO	4.330		0.640	4.330
38	38 PCB-52/69	7.14e4	0.75	NO	1.08	5.029	30.88	30.87	1.001	1.001	NO	148.4		0.456	148.4
39	39 PCB-73			NO	1.31	5.029	31.00		1.005		YES			0.378	
40	40 PCB-43/49	3.63e4	0.78	NO	0.925	5.029	31.17	31.18	1.010	1.011	NO	88.33		0.533	88.33
41	41 PCB-47	6.81e4	0.76	NO	0.863	5.029	31.39	31.39	1.001	1.001	NO	148.5		0.496	148.5
42	42 PCB-48/75	7.16e3	0.76	NO	1.04	5.029	31.52	31.52	1.005	1.005	NO	12.98		0.412	12.98
43	43 PCB-65			NO	1.16	5.029	31.78		1.013		YES			0.369	
44	44 PCB-62			NO	1.04	5.029	31.87		1.016		YES			0.413	
45	45 PCB-44	3.67e4	0.78	NO	0.757	5.029	32.21	32.24	1.027	1.028	NO	91.06		0.565	91.06
46	46 PCB-42/59	1.29e4	0.73	NO	0.975	5.029	32.42	32.47	1.034	1.035	NO	24.90		0.439	24.90
47	47 PCB-41/64/71/72	4.35e4	0.73	NO	1.12	5.029	33.04	33.04	1.053	1.053	NO	73.26		0.384	73.26
48	48 PCB-68	5.99e3	0.64	YES	1.19	5.029	33.30	33.30	1.062	1.062	NO	9.480		0.360	8.479
49	49 PCB-40	4.45e3	0.77	NO	0.572	5.029	33.53	33.51	1.069	1.068	NO	14.62		0.748	14.62
50	50 PCB-57	7.59e2	0.80	NO	1.08	5.029	33.88	33.90	0.969	0.969	NO	1.043		0.306	1.043
51	51 PCB-67	2.15e3	0.72	NO	1.02	5.029	34.20	34.22	0.978	0.978	NO	3.137		0.324	3.137
52	52 PCB-58	7.55e2	0.82	NO	1.08	5.029	34.33	34.35	0.982	0.982	NO	1.033		0.304	1.033
53	53 PCB-63	2.80e3	0.71	NO	0.971	5.029	34.48	34.49	0.986	0.986	NO	4.268		0.339	4.268
54	54 PCB-74	2.66e4	0.80	NO	1.09	5.029	34.78	34.79	0.994	0.995	NO	36.24		0.303	36.24
55	55 PCB-61/70	1.04e5	0.78	NO	0.978	5.029	35.00	35.02	1.000	1.001	NO	157.2		0.336	157.2
56	56 PCB-76/66	5.44e4	0.76	NO	1.07	5.029	35.20	35.22	1.006	1.007	NO	75.18		0.307	75.18
57	57 PCB-80			NO	1.08	5.029	35.45		1.001		YES			0.291	
58	58 PCB-55	1.54e3	0.77	NO	1.06	5.029	35.77	35.74	1.010	1.009	NO	2.031		0.294	2.031
59	59 PCB-56/60	3.86e4	0.76	NO	0.946	5.029	36.26	36.26	1.023	1.024	NO	57.24		0.331	57.24
60	60 PCB-79	3.52e3	0.89	YES	1.06	5.029	37.38	37.40	1.055	1.056	NO	4.654		0.296	4.355
61	61 PCB-78	9.31e2	0.83	NO	1.01	5.029	38.11	38.03	0.987	0.985	NO	1.308		0.334	1.308
62	62 PCB-81	1.94e3	0.70	NO	0.941	5.029	38.65	38.68	1.000	1.001	NO	2.910		0.357	2.910
63	63 PCB-77	6.29e3	0.93	YES	1.03	5.029	39.26	39.26	1.000	1.000	NO	8.618		0.338	7.920
64	64 PCB-104			NO	0.982	5.029	32.10		1.001		YES			0.289	
65	65 PCB-96	1.08e3	1.07	YES	0.982	5.029	33.38	33.32	1.041	1.039	NO	1.787		0.289	1.516

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103	4.38e3	2.34	YES	0.770	5.029	33.98	33.92	1.059	1.057	NO	9.219		0.369	7.066
67	67 PCB-100	1.73e3	1.88	YES	0.805	5.029	34.33	34.27	1.070	1.068	NO	3.491		0.353	3.098
68	68 PCB-94	7.05e2	1.95	YES	0.831	5.029	34.74	34.76	0.985	0.985	NO	1.638		0.389	1.423
69	69 PCB-95/98/102	1.72e5	1.57	NO	1.07	5.029	35.23	35.31	0.999	1.001	NO	309.4		0.302	309.4
70	70 PCB-93			NO	0.761	5.029	35.33		1.002		YES			0.425	
71	71 PCB-88/91	2.08e4	1.50	NO	0.910	5.029	35.70	35.72	1.012	1.013	NO	44.13		0.355	44.13
72	72 PCB-121			NO	1.46	5.029	35.81		1.015		YES			0.221	
73	73 PCB-84/92	7.91e4	1.60	NO	0.826	5.029	36.66	36.65	0.990	0.990	NO	174.3		0.384	174.3
74	74 PCB-89	1.07e3	1.23	YES	0.885	5.029	36.84	36.84	0.995	0.995	NO	2.190		0.358	1.981
75	75 PCB-90/101	2.70e5	1.54	NO	0.905	5.029	37.04	37.04	1.000	1.000	NO	543.3		0.351	543.3
76	76 PCB-113	1.85e3	1.32	YES	1.26	5.029	37.29	37.30	1.007	1.008	NO	2.679		0.282	2.499
77	77 PCB-99	9.39e4	1.57	NO	0.993	5.029	37.38	37.40	1.010	1.010	NO	172.1		0.319	172.1
78	78 PCB-119	8.53e3	1.57	NO	1.53	5.029	37.87	37.86	0.987	0.987	NO	11.47		0.234	11.47
79	79 PCB-108/112	7.65e3	1.42	NO	1.25	5.029	38.02	38.03	0.991	0.991	NO	12.63		0.287	12.63
80	80 PCB-83			NO	1.56	5.029	38.18		0.995		YES			0.230	
81	81 PCB-97	4.32e4	1.62	NO	1.12	5.029	38.38	38.38	1.000	1.000	NO	79.08		0.318	79.08
82	82 PCB-86			NO	1.06	5.029	38.53		1.004		YES			0.338	
83	83 PCB-87/117/125	7.08e4	1.58	NO	1.34	5.029	38.67	38.68	1.008	1.008	NO	108.7		0.267	108.7
84	84 PCB-111/115	3.73e3	1.73	NO	1.62	5.029	38.83	38.83	1.012	1.012	NO	4.743		0.221	4.743
85	85 PCB-85/116	2.49e4	1.56	NO	1.23	5.029	38.95	38.94	1.015	1.015	NO	41.57		0.290	41.57
86	86 PCB-120	2.46e3	1.50	NO	1.79	5.029	39.21	39.24	1.022	1.023	NO	2.825		0.200	2.825
87	87 PCB-110	2.85e5	1.55	NO	1.50	5.029	39.34	39.37	1.025	1.026	NO	390.6		0.239	390.6
88	88 PCB-82	1.34e4	1.55	NO	0.638	5.029	40.02	40.00	0.975	0.975	NO	29.95		0.389	29.95
89	89 PCB-124	1.18e4	1.51	NO	1.08	5.029	40.74	40.73	0.993	0.993	NO	15.65		0.230	15.65
90	90 PCB-107/109	1.90e4	1.37	NO	1.11	5.029	40.88	40.90	0.996	0.997	NO	24.47		0.224	24.47
91	91 PCB-123	2.61e3	1.31	YES	1.00	5.029	41.05	41.04	1.000	1.000	NO	3.725		0.248	3.466
92	92 PCB-106/118	2.01e5	1.52	NO	1.02	5.029	41.25	41.23	1.001	1.000	NO	283.3		0.256	283.3
93	93 PCB-114	3.24e3	1.74	NO	1.08	5.029	41.91	41.91	1.000	1.000	NO	5.646		0.526	5.646
94	94 PCB-122	1.83e3	1.27	YES	0.930	5.029	42.06	42.04	1.004	1.004	NO	3.713		0.513	3.404
95	95 PCB-105	5.02e4	1.68	NO	1.03	5.029	42.80	42.80	1.000	1.000	NO	91.08		0.570	91.08
96	96 PCB-127			NO	1.06	5.029	43.16		1.000		YES			0.515	
97	97 PCB-126	1.57e3	1.53	NO	1.15	5.029	45.11	45.11	1.000	1.000	NO	2.785		0.583	2.785
98	98 PCB-155			NO	0.853	5.029	36.56		1.000		YES			0.127	
99	99 PCB-150	1.63e3	1.28	NO	0.934	5.029	37.86	37.88	1.036	1.037	NO	2.674		0.116	2.674

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	100 PCB-152	3.77e2	1.49	YES	1.02	5.029	38.36	38.35	1.050	1.049	NO	0.5682		0.107	0.5111
101	101 PCB-145	2.30e2	0.98	YES	0.983	5.029	38.82	38.81	1.062	1.062	NO	0.3591		0.141	0.3209
102	102 PCB-136	7.58e4	1.21	NO	0.881	5.029	39.15	39.15	1.071	1.071	NO	132.1		0.123	132.1
103	103 PCB-148	2.48e3	1.14	NO	0.666	5.029	39.26	39.24	1.074	1.074	NO	5.721		0.163	5.721
104	104 PCB-154	1.30e4	1.17	NO	0.721	5.029	39.78	39.78	1.089	1.089	NO	27.75		0.151	27.75
105	105 PCB-151	1.15e5	1.26	NO	0.674	5.029	40.43	40.43	1.107	1.106	NO	261.6		0.161	261.6
106	106 PCB-135	5.91e4	1.27	NO	0.723	5.029	40.65	40.65	1.112	1.113	NO	125.5		0.150	125.5
107	107 PCB-144	2.10e4	1.24	NO	0.691	5.029	40.77	40.77	1.116	1.116	NO	46.55		0.157	46.55
108	108 PCB-147	4.33e3	1.35	NO	0.713	5.029	40.90	40.90	1.119	1.119	NO	9.318		0.152	9.318
109	109 PCB-139/149	3.72e5	1.27	NO	0.773	5.029	41.17	41.17	1.127	1.127	NO	738.0		0.141	738.0
110	110 PCB-140	4.70e3	1.38	NO	0.652	5.029	41.36	41.38	1.132	1.132	NO	11.05		0.167	11.05
111	111 PCB-134/143	1.42e4	1.17	NO	0.718	5.029	41.82	41.83	0.974	0.974	NO	39.54		0.990	39.54
112	112 PCB-131/133	1.17e4	1.22	NO	0.768	5.029	42.14	42.14	0.982	0.981	NO	30.40		0.926	30.40
113	113 PCB-142			NO	0.687	5.029	42.30		0.985		YES			1.03	
114	114 PCB-146/165	8.48e4	1.22	NO	0.943	5.029	42.54	42.55	0.991	0.991	NO	179.4		0.753	179.4
115	115 PCB-132/161	1.01e5	1.23	NO	0.957	5.029	42.78	42.82	0.997	0.997	NO	211.3		0.743	211.3
116	116 PCB-153	4.40e5	1.22	NO	0.990	5.029	42.97	42.97	1.001	1.001	NO	887.0		0.718	887.0
117	117 PCB-168	2.03e3	1.10	NO	1.03	5.029	43.18	43.10	1.006	1.004	NO	3.919		0.687	3.919
118	118 PCB-141	6.97e4	1.20	NO	0.948	5.029	43.71	43.73	1.000	1.001	NO	176.5		0.899	176.5
119	119 PCB-137	6.24e3	1.42	NO	0.964	5.029	44.11	44.13	1.010	1.010	NO	15.56		0.885	15.56
120	120 PCB-130	1.76e4	1.22	NO	0.816	5.029	44.20	44.22	1.012	1.012	NO	51.88		1.04	51.88
121	121 PCB-138/163/164	3.99e5	1.23	NO	1.15	5.029	44.62	44.60	1.001	1.001	NO	769.4		0.663	769.4
122	122 PCB-158/160	2.99e4	1.30	NO	1.14	5.029	44.86	44.83	1.007	1.006	NO	58.50		0.672	58.50
123	123 PCB-129	7.02e3	1.00	YES	0.807	5.029	45.09	45.11	1.012	1.012	NO	19.38		0.948	17.50
124	124 PCB-166	8.67e2	1.23	NO	1.03	5.029	45.58	45.58	0.993	0.993	NO	1.574		0.654	1.574
125	125 PCB-159			NO	1.10	5.029	45.93		1.000		YES			0.615	
126	126 PCB-128/162	3.58e4	1.31	NO	0.836	5.029	46.22	46.19	1.007	1.006	NO	80.11		0.807	80.11
127	127 PCB-167	1.17e4	1.23	NO	0.960	5.029	46.65	46.65	1.000	1.000	NO	22.32		0.680	22.32
128	128 PCB-156	2.99e4	1.27	NO	1.06	5.029	47.95	47.95	1.000	1.000	NO	58.50		0.693	58.50
129	129 PCB-157	5.14e3	1.90	YES	0.960	5.029	48.24	48.22	1.000	1.000	NO	10.41		0.754	8.043
130	130 PCB-169			NO	1.04	5.029	50.53		1.000		YES			0.761	
131	131 PCB-188	6.30e2	0.80	YES	1.15	5.029	42.59	42.57	1.001	1.000	NO	1.084		0.286	0.9420
132	132 PCB-184	2.38e2	1.15	NO	1.14	5.029	43.03	43.05	1.011	1.012	NO	0.4122		0.258	0.4122
133	133 PCB-179	8.94e4	0.99	NO	1.07	5.029	43.83	43.82	1.030	1.030	NO	164.5		0.274	164.5

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	134 PCB-176	2.59e4	1.06	NO	1.11	5.029	44.32	44.31	1.042	1.041	NO	46.00		0.264	46.00
135	135 PCB-186			NO	1.23	5.029	44.95		1.056		YES			0.239	
136	136 PCB-178	3.24e4	1.03	NO	0.830	5.029	45.47	45.45	1.069	1.068	NO	77.20		0.354	77.20
137	137 PCB-175	6.17e3	0.90	NO	0.853	5.029	45.83	45.81	1.077	1.077	NO	14.31		0.345	14.31
138	138 PCB-182/187	2.11e5	1.03	NO	0.942	5.029	46.01	45.98	1.081	1.081	NO	444.0		0.312	444.0
139	139 PCB-183	8.90e4	1.03	NO	0.910	5.029	46.32	46.32	1.089	1.089	NO	193.5		0.323	193.5
140	140 PCB-185	1.53e4	1.02	NO	1.24	5.029	47.01	47.01	0.954	0.954	NO	37.28		0.363	37.28
141	141 PCB-174	1.31e5	1.03	NO	1.20	5.029	47.38	47.38	0.961	0.962	NO	331.1		0.375	331.1
142	142 PCB-181	2.06e3	1.18	NO	1.33	5.029	47.48	47.46	0.964	0.963	NO	4.690		0.338	4.690
143	143 PCB-177	7.57e4	1.08	NO	1.14	5.029	47.68	47.65	0.967	0.967	NO	200.4		0.394	200.4
144	144 PCB-171	3.32e4	1.01	NO	1.22	5.029	47.95	47.95	0.973	0.973	NO	82.39		0.369	82.39
145	145 PCB-173	1.90e3	1.14	NO	1.07	5.029	48.41	48.39	0.982	0.982	NO	5.363		0.421	5.363
146	146 PCB-172	2.01e4	0.94	NO	1.26	5.029	48.88	48.88	0.992	0.992	NO	48.27		0.357	48.27
147	147 PCB-192			NO	1.61	5.029	49.07		0.996		YES			0.278	
148	148 PCB-180	3.11e5	1.04	NO	1.30	5.029	49.30	49.30	1.000	1.000	NO	722.6		0.345	722.6
149	149 PCB-193	1.89e4	1.03	NO	1.47	5.029	49.51	49.51	1.005	1.005	NO	38.73		0.305	38.73
150	150 PCB-191	4.79e3	1.03	NO	1.51	5.029	49.77	49.75	1.010	1.010	NO	9.615		0.298	9.615
151	151 PCB-170	9.81e4	1.01	NO	1.23	5.029	50.95	50.95	1.000	1.000	NO	271.4		0.406	271.4
152	152 PCB-190	2.43e4	1.03	NO	1.61	5.029	51.15	51.15	1.004	1.004	NO	51.44		0.310	51.44
153	153 PCB-189	4.38e3	1.04	NO	1.27	5.029	52.73	52.71	1.000	1.000	NO	9.888		0.305	9.888
154	154 PCB-202	2.88e4	0.89	NO	0.995	5.029	48.18	48.16	1.001	1.000	NO	53.35		0.203	53.35
155	155 PCB-201	1.67e4	0.83	NO	0.904	5.029	48.67	48.67	1.011	1.011	NO	34.04		0.223	34.04
156	156 PCB-204			NO	0.955	5.029	48.83		1.014		YES			0.211	
157	157 PCB-197	4.69e3	0.77	NO	0.964	5.029	49.15	49.15	1.021	1.021	NO	8.983		0.209	8.983
158	158 PCB-200	1.25e4	0.88	NO	0.911	5.029	50.07	50.07	1.040	1.040	NO	25.31		0.221	25.31
159	159 PCB-198	4.40e3	0.80	NO	0.696	5.029	51.70	51.70	1.074	1.074	NO	11.66		0.290	11.66
160	160 PCB-199	8.86e4	0.89	NO	0.706	5.029	51.84	51.80	1.077	1.076	NO	231.6		0.286	231.6
161	161 PCB-196/203	9.12e4	0.88	NO	0.754	5.029	52.14	52.10	1.083	1.082	NO	223.1		0.267	223.1
162	162 PCB-195	1.56e4	0.87	NO	0.957	5.029	53.41	53.42	0.983	0.983	NO	61.90		0.634	61.90
163	163 PCB-194	5.08e4	0.94	NO	1.06	5.029	54.36	54.36	1.000	1.000	NO	181.4		0.572	181.4
164	164 PCB-205	2.54e3	1.19	YES	1.27	5.029	54.61	54.63	1.005	1.005	NO	7.577		0.478	6.534
165	165 PCB-208	2.79e4	1.31	NO	0.861	5.029	53.57	53.57	1.000	1.000	NO	91.28		0.505	91.28
166	166 PCB-207	6.85e3	1.23	NO	0.849	5.029	53.90	53.92	1.007	1.007	NO	22.68		0.512	22.68
167	167 PCB-206	6.00e4	1.35	NO	0.951	5.029	55.89	55.88	1.000	1.000	NO	299.4		0.738	299.4

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
168	168 PCB-209	1.11e5	1.20	NO	0.863	5.029	57.12	57.14	1.000	1.000	NO	505.0		0.209	505.0
169	169 13C-PCB-1	1.33e6	3.17	NO	0.937	5.029	15.19	15.22	0.604	0.605	NO	1692	85.1	8.53	
170	170 13C-PCB-3	1.34e6	3.22	NO	0.934	5.029	17.81	17.86	0.709	0.711	NO	1702	85.6	8.56	
171	171 13C-PCB-4	8.22e5	1.58	NO	0.599	5.029	19.16	19.16	0.762	0.762	NO	1631	82.0	1.01	
172	172 13C-PCB-9	1.30e6	1.58	NO	0.960	5.029	20.99	20.97	0.835	0.834	NO	1615	81.2	0.628	
173	173 13C-PCB-11	1.36e6	1.56	NO	0.929	5.029	24.43	24.43	0.972	0.972	NO	1736	87.3	0.648	
174	174 13C-PCB-19	7.77e5	1.02	NO	0.506	5.029	23.37	23.36	0.930	0.929	NO	1822	91.6	3.80	
175	175 13C-PCB-32	1.22e6	1.00	NO	0.738	5.029	26.34	26.34	1.048	1.048	NO	1959	98.5	2.61	
176	176 13C-PCB-28	1.31e6	1.06	NO	1.06	5.029	28.35	28.35	1.004	1.004	NO	1765	88.7	3.44	
177	177 13C-PCB-37	1.36e6	1.03	NO	0.979	5.029	32.34	32.39	1.145	1.147	NO	1981	99.6	3.72	
178	178 13C-PCB-54	1.00e6	0.78	NO	0.981	5.029	27.18	27.18	0.749	0.750	NO	1228	61.8	0.919	
179	179 13C-PCB-52	8.84e5	0.76	NO	0.786	5.029	30.85	30.85	0.851	0.851	NO	1351	68.0	1.15	
180	180 13C-PCB-47	1.06e6	0.76	NO	0.833	5.029	31.37	31.37	0.865	0.865	NO	1527	76.8	1.08	
181	181 13C-PCB-70	1.34e6	0.79	NO	0.981	5.029	34.98	34.98	0.965	0.965	NO	1647	82.8	0.919	
182	182 13C-PCB-80	1.42e6	0.79	NO	1.01	5.029	35.43	35.42	0.977	0.977	NO	1684	84.7	0.890	
183	183 13C-PCB-81	1.41e6	0.78	NO	0.995	5.029	38.62	38.63	1.065	1.065	NO	1701	85.6	0.906	
184	184 13C-PCB-77	1.41e6	0.80	NO	0.977	5.029	39.22	39.24	1.082	1.082	NO	1735	87.3	0.923	
185	185 13C-PCB-104	1.23e6	1.55	NO	1.00	5.029	32.02	32.08	0.825	0.826	NO	1483	74.6	0.560	
186	186 13C-PCB-95	1.03e6	1.53	NO	0.779	5.029	35.32	35.28	0.910	0.908	NO	1605	80.7	0.722	
187	187 13C-PCB-101	1.09e6	1.52	NO	0.833	5.029	37.03	37.03	0.954	0.954	NO	1592	80.1	0.675	
188	188 13C-PCB-97	9.67e5	1.59	NO	0.679	5.029	38.37	38.37	0.988	0.988	NO	1728	86.9	0.828	
189	189 13C-PCB-123	1.39e6	1.57	NO	0.970	5.029	41.02	41.03	1.056	1.057	NO	1745	87.7	0.580	
190	190 13C-PCB-118	1.38e6	1.58	NO	1.00	5.029	41.21	41.21	1.061	1.061	NO	1675	84.2	0.562	
191	191 13C-PCB-114	1.05e6	1.56	NO	1.55	5.029	41.89	41.89	0.907	0.907	NO	1490	74.9	0.934	
192	192 13C-PCB-105	1.06e6	1.52	NO	1.59	5.029	42.78	42.78	0.927	0.927	NO	1457	73.3	0.908	
193	193 13C-PCB-127	1.14e6	1.62	NO	1.66	5.029	43.14	43.14	0.934	0.934	NO	1503	75.6	0.872	
194	194 13C-PCB-126	9.75e5	1.60	NO	1.65	5.029	45.08	45.09	0.976	0.977	NO	1299	65.3	0.879	
195	195 13C-PCB-155	1.30e6	1.22	NO	0.819	5.029	36.57	36.54	0.942	0.941	NO	1920	96.5	0.292	
196	196 13C-PCB-153	9.97e5	1.26	NO	1.31	5.029	42.95	42.93	0.930	0.930	NO	1664	83.7	1.34	
197	197 13C-PCB-141	8.27e5	1.26	NO	1.08	5.029	43.70	43.69	0.947	0.946	NO	1673	84.1	1.63	
198	198 13C-PCB-138	8.93e5	1.23	NO	1.15	5.029	44.57	44.56	0.965	0.965	NO	1697	85.3	1.53	
199	199 13C-PCB-159	1.06e6	1.26	NO	1.39	5.029	45.91	45.91	0.994	0.994	NO	1669	83.9	1.27	
200	200 13C-PCB-167	1.08e6	1.24	NO	1.43	5.029	46.61	46.63	1.010	1.010	NO	1661	83.5	1.24	
201	201 13C-PCB-156	9.57e5	1.25	NO	1.34	5.029	47.92	47.93	1.038	1.038	NO	1567	78.8	1.32	

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	202 13C-PCB-157	1.02e6	1.31	NO	1.36	5.029	48.21	48.22	1.044	1.044	NO	1648	82.9	1.30	
203	203 13C-PCB-169	9.18e5	1.24	NO	1.33	5.029	50.49	50.51	1.094	1.094	NO	1511	76.0	1.33	
204	204 13C-PCB-188	1.01e6	0.45	NO	1.39	5.029	42.57	42.55	0.925	0.925	NO	1698	85.4	0.625	
205	205 13C-PCB-180	6.58e5	0.45	NO	0.907	5.029	49.27	49.28	1.071	1.071	NO	1705	85.8	0.959	
206	206 13C-PCB-170	5.84e5	0.45	NO	0.823	5.029	50.94	50.93	1.107	1.107	NO	1668	83.9	1.06	
207	207 13C-PCB-189	6.93e5	0.44	NO	1.08	5.029	52.72	52.71	1.146	1.146	NO	1513	76.1	0.808	
208	208 13C-PCB-202	1.08e6	0.91	NO	1.23	5.029	48.16	48.14	1.047	1.047	NO	2056	103	0.414	
209	209 13C-PCB-194	5.25e5	0.90	NO	0.710	5.029	54.35	54.34	0.995	0.995	NO	1912	96.1	1.13	
210	210 13C-PCB-208	7.07e5	0.77	NO	0.865	5.029	53.55	53.55	0.980	0.980	NO	2113	106	1.26	
211	211 13C-PCB-206	4.19e5	0.78	NO	0.623	5.029	55.88	55.88	1.023	1.023	NO	1739	87.5	1.76	
212	212 13C-PCB-209	5.08e5	1.16	NO	0.725	5.029	57.13	57.12	1.046	1.046	NO	1813	91.2	0.268	
213	213 13C-PCB-15	1.67e6	1.54	NO	1.00	5.029	25.11	25.14	1.000	0.000	NO	1988	100	0.602	
214	214 13C-PCB-31	1.40e6	1.04	NO	1.00	5.029	28.23	28.24	1.000	0.000	NO	1988	100	3.64	
215	215 13C-PCB-60	1.65e6	0.77	NO	1.00	5.029	36.25	36.26	1.000	0.000	NO	1988	100	0.902	
216	216 13C-PCB-111	1.64e6	1.56	NO	1.00	5.029	38.82	38.83	1.000	0.000	NO	1988	100	0.562	
217	217 13C-PCB-128	9.07e5	1.27	NO	1.00	5.029	46.16	46.17	1.000	0.000	NO	1988	100	1.77	
218	218 13C-PCB-182	8.47e5	0.44	NO	1.00	5.029	45.99	46.00	0.000	0.000	NO	1988	100	0.869	
219	219 13C-PCB-205	7.69e5	0.90	NO	1.00	5.029	54.64	54.62	1.000	0.000	NO	1988	100	0.802	
220	220 13C-PCB-79	1.57e6	0.78	NO	1.04	5.029	37.36	37.38	1.030	1.031	NO	1822	91.6	0.871	
221	221 13C-PCB-178	7.22e5	0.45	NO	0.774	5.029	45.44	45.43	0.988	0.988	NO	2043	103	1.09	
222	222 13C-PCB-79	1.56e6	0.78	NO	1.04	5.029	37.36	37.38	0.967	0.968	NO	2110	106	1.08	
223	223 13C-PCB-178	7.22e5	0.45	NO	1.02	5.029	45.47	45.43	0.923	0.922	NO	2142	108	1.11	
224	224 Total Mono-PCBs				1.00	5.029	0.00		0.000		NO	11.00		0.883	17.36
225	225 Total Di-PCBs				1.04	5.029	0.00		0.000		NO	68.54		4.58	76.70
226	226 2nd Function Tri...				0.943	5.029	0.00		0.000		NO	78.36	280.56 -	1.75	78.36
227	227 3rd Function Tri...				0.969	5.029	0.00		0.000		NO	202.2		5.12	202.2
228	228 Total Tetra-PCBs				0.991	5.029	0.00		0.000		NO	988.4		13.2	1010
229	229 3rd Function Pen...				1.11	5.029	0.00		0.000		NO	2248	2,347.51 -	8.63	2269
230	230 4th Function Pent...				1.05	5.029	0.00		0.000		NO	99.51		2.81	102.9
231	231 3rd Function Hex...				0.791	5.029	0.00		0.000		NO	1360		1.83	1361
232	232 4th Function Hex...				0.946	5.029	0.00		0.000		NO	2586	3,946 -	15.9	2612
233	233 Total Hepta-PCBs				1.20	5.029	0.00		0.000		NO	2753		7.49	2754
234	234 4th Function Oct...				0.860	5.029	0.00		0.000		NO	588.0		1.91	588.0
235	235 5th Function Oct...				1.10	5.029	0.00		0.000		NO	243.3	831.3 -	1.68	249.9

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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
236	236 Total Nona-PCBs				0.887	5.029	0.00		0.000		NO	413.4		1.76	413.4
237	237 Deca-CB				0.863	5.029	0.00		0.000		NO	505.0		0.209	505.0
238	238 Total PCBs														

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	15.23	15.24	1.823e4	7.688e3	1.770e3	5.711e2	3.10	NO	2.341e3	3.5407	3.5407	0.388
2	PCB-2	17.66	17.66	4.967e4	2.144e4	3.312e3	1.407e3	2.35	YES	4.719e3	0.00000	6.3594	0.245
3	PCB-3	17.87	17.88	6.081e4	2.139e4	3.720e3	1.307e3	2.85	NO	5.027e3	7.4571	7.4571	0.250

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-4/10	19.24	19.18	1.919e4	1.795e4	1.308e3	1.418e3	0.92	YES	2.727e3	0.00000	4.2994	0.614
2	PCB-6	21.66	21.67	2.167e4	1.644e4	1.422e3	8.782e2	1.62	NO	2.300e3	3.5197	3.5197	0.512
3	PCB-5/8	22.06	22.07	9.937e4	7.125e4	6.851e3	4.825e3	1.42	NO	1.168e4	18.245	18.245	0.522
4	PCB-11	24.45	24.45	1.389e5	9.208e4	1.151e4	7.664e3	1.50	NO	1.918e4	25.172	25.172	0.558
5	PCB-12/13	24.88	24.84	1.936e4	1.500e4	1.637e3	1.299e3	1.26	YES	2.936e3	0.00000	3.8632	0.611
6	PCB-15	25.16	25.16	1.215e5	7.416e4	9.229e3	5.767e3	1.60	NO	1.500e4	21.602	21.602	0.612

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	23.39	23.38	1.084e4	1.431e4	7.129e2	8.027e2	0.89	NO	1.516e3	3.9923	3.9923	0.363
2	PCB-18	25.06	25.06	1.102e5	1.105e5	7.027e3	7.056e3	1.00	NO	1.408e4	31.997	31.997	0.311
3	PCB-17	25.24	25.24	5.078e4	5.061e4	3.374e3	3.242e3	1.04	NO	6.616e3	16.099	16.099	0.333
4	PCB-24/27	25.82	25.80	1.281e4	1.265e4	8.796e2	9.672e2	0.91	NO	1.847e3	3.2377	3.2377	0.240
5	PCB-16/32	26.36	26.35	5.594e4	5.264e4	6.006e3	5.613e3	1.07	NO	1.162e4	23.037	23.037	0.271

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	27.75	27.74	4.290e4	3.986e4	3.411e3	3.164e3	1.08	NO	6.576e3	10.891	10.891	0.398
2	PCB-25	27.91	27.91	2.276e4	2.155e4	1.715e3	1.597e3	1.07	NO	3.311e3	5.4803	5.4803	0.398
3	PCB-31	28.28	28.28	1.876e5	1.835e5	1.505e4	1.492e4	1.01	NO	2.997e4	44.068	44.068	0.353
4	PCB-28	28.37	28.37	2.486e5	2.402e5	2.055e4	1.990e4	1.03	NO	4.045e4	60.416	60.416	0.359
5	PCB-20/21/33	29.00	29.02	1.143e5	1.133e5	1.009e4	9.783e3	1.03	NO	1.987e4	32.982	32.982	0.399
6	PCB-22	29.46	29.47	8.102e4	6.694e4	6.666e3	5.804e3	1.15	NO	1.247e4	19.927	19.927	0.384
7	PCB-38	31.43	31.41	1.340e4	1.103e4	1.130e3	9.588e2	1.18	NO	2.088e3	2.9062	2.9062	0.312
8	PCB-35	31.96	31.98	9.305e3	7.291e3	9.315e2	8.080e2	1.15	NO	1.739e3	2.4288	2.4288	0.313
9	PCB-37	32.41	32.41	1.046e5	9.633e4	8.428e3	7.853e3	1.07	NO	1.628e4	23.143	23.143	0.319

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	27.20	27.20	1.096e3	2.044e3	9.539e1	1.253e2	0.76	NO	2.207e2	0.44953	0.44953	0.411
2	PCB-50	28.40	28.39	1.067e3	9.070e2	9.437e1	8.564e1	1.10	YES	1.800e2	0.00000	0.37468	0.499
3	PCB-53	29.08	29.08	2.377e4	3.336e4	1.785e3	2.612e3	0.68	NO	4.397e3	10.538	10.538	0.525
4	PCB-51	29.42	29.43	4.659e4	6.129e4	3.751e3	5.054e3	0.74	NO	8.805e3	19.822	19.822	0.493
5	PCB-45	29.88	29.86	2.008e4	2.410e4	1.558e3	1.872e3	0.83	NO	3.430e3	9.6171	9.6171	0.615
6	PCB-46	30.38	30.36	8.366e3	1.074e4	6.431e2	8.392e2	0.77	NO	1.482e3	4.3298	4.3298	0.640
7	PCB-52/69	30.88	30.87	3.865e5	4.959e5	3.060e4	4.078e4	0.75	NO	7.139e4	148.44	148.44	0.456
8	PCB-43/49	31.17	31.18	1.867e5	2.464e5	1.593e4	2.038e4	0.78	NO	3.631e4	88.332	88.332	0.533
9	PCB-47	31.39	31.39	3.256e5	4.221e5	2.945e4	3.866e4	0.76	NO	6.810e4	148.49	148.49	0.496
10	PCB-48/75	31.52	31.52	3.784e4	5.161e4	3.084e3	4.079e3	0.76	NO	7.162e3	12.980	12.980	0.412
11	PCB-44	32.21	32.24	2.050e5	2.649e5	1.609e4	2.059e4	0.78	NO	3.668e4	91.058	91.058	0.565
12	PCB-42/59	32.42	32.47	7.069e4	9.673e4	5.430e3	7.475e3	0.73	NO	1.291e4	24.904	24.904	0.439
13	PCB-41/64/71/72	33.04	33.04	2.154e5	3.053e5	1.841e4	2.506e4	0.73	NO	4.347e4	73.263	73.263	0.384
14	PCB-68	33.30	33.30	2.687e4	4.255e4	2.332e3	3.661e3	0.64	YES	5.993e3	0.00000	8.4791	0.360
15	PCB-40	33.53	33.51	2.548e4	3.133e4	1.932e3	2.516e3	0.77	NO	4.448e3	14.617	14.617	0.748
16	PCB-57	33.88	33.90	4.061e3	4.639e3	3.366e2	4.223e2	0.80	NO	7.589e2	1.0431	1.0431	0.306
17	PCB-67	34.20	34.22	9.786e3	1.443e4	8.993e2	1.255e3	0.72	NO	2.154e3	3.1366	3.1366	0.324
18	PCB-58	34.33	34.35	3.910e3	4.480e3	3.406e2	4.149e2	0.82	NO	7.555e2	1.0334	1.0334	0.304
19	PCB-63	34.48	34.49	1.382e4	1.827e4	1.162e3	1.638e3	0.71	NO	2.800e3	4.2683	4.2683	0.339
20	PCB-74	34.78	34.79	1.394e5	1.810e5	1.182e4	1.481e4	0.80	NO	2.663e4	36.243	36.243	0.303
21	PCB-61/70	35.00	35.02	5.472e5	6.918e5	4.564e4	5.825e4	0.78	NO	1.039e5	157.19	157.19	0.336
22	PCB-76/66	35.20	35.22	2.835e5	3.745e5	2.344e4	3.098e4	0.76	NO	5.442e4	75.183	75.183	0.307
23	PCB-55	35.77	35.74	6.394e3	8.116e3	6.734e2	8.709e2	0.77	NO	1.544e3	2.0313	2.0313	0.294
24	PCB-56/60	36.26	36.26	1.909e5	2.531e5	1.673e4	2.192e4	0.76	NO	3.865e4	57.238	57.238	0.331
25	PCB-79	37.38	37.40	1.973e4	2.169e4	1.658e3	1.861e3	0.89	YES	3.519e3	0.00000	4.3555	0.296
26	PCB-78	38.11	38.03	5.479e3	5.238e3	4.236e2	5.077e2	0.83	NO	9.313e2	1.3080	1.3080	0.334
27	PCB-81	38.65	38.68	1.899e4	2.687e4	8.006e2	1.137e3	0.70	NO	1.937e3	2.9096	2.9096	0.357
28	PCB-77	39.26	39.26	2.807e4	3.911e4	3.025e3	3.266e3	0.93	YES	6.291e3	0.00000	7.9198	0.338

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	33.38	33.32	7.706e3	5.597e3	5.599e2	5.233e2	1.07	YES	1.083e3	0.00000	1.5158	0.289
2	PCB-103	33.98	33.92	3.924e4	1.796e4	3.067e3	1.311e3	2.34	YES	4.378e3	0.00000	7.0664	0.369
3	PCB-100	34.33	34.27	1.414e4	7.162e3	1.132e3	6.010e2	1.88	YES	1.733e3	0.00000	3.0983	0.353
4	PCB-94	34.74	34.76	6.909e3	2.633e3	4.656e2	2.392e2	1.95	YES	7.048e2	0.00000	1.4227	0.389
5	PCB-95/98/102	35.23	35.31	1.267e6	8.022e5	1.048e5	6.689e4	1.57	NO	1.717e5	309.39	309.39	0.302
6	PCB-88/91	35.70	35.72	1.574e5	1.042e5	1.250e4	8.316e3	1.50	NO	2.082e4	44.128	44.128	0.355
7	PCB-84/92	36.66	36.65	5.813e5	3.722e5	4.865e4	3.045e4	1.60	NO	7.910e4	174.34	174.34	0.384
8	PCB-89	36.84	36.84	7.564e3	5.451e3	5.871e2	4.781e2	1.23	YES	1.065e3	0.00000	1.9808	0.358
9	PCB-90/101	37.04	37.04	1.898e6	1.258e6	1.637e5	1.064e5	1.54	NO	2.701e5	543.34	543.34	0.351
10	PCB-113	37.29	37.30	3.638e4	3.020e4	1.053e3	7.995e2	1.32	YES	1.853e3	0.00000	2.4988	0.252
11	PCB-99	37.38	37.40	6.893e5	4.365e5	5.738e4	3.655e4	1.57	NO	9.393e4	172.09	172.09	0.319
12	PCB-119	37.87	37.86	5.922e4	4.032e4	5.215e3	3.318e3	1.57	NO	8.533e3	11.473	11.473	0.234
13	PCB-108/112	38.02	38.03	5.623e4	4.010e4	4.494e3	3.155e3	1.42	NO	7.648e3	12.633	12.633	0.287
14	PCB-97	38.38	38.38	3.025e5	1.993e5	2.670e4	1.648e4	1.62	NO	4.318e4	79.082	79.082	0.318
15	PCB-87/117/125	38.67	38.68	5.183e5	3.318e5	4.329e4	2.748e4	1.58	NO	7.077e4	108.67	108.67	0.267
16	PCB-111/115	38.83	38.83	2.975e4	1.744e4	2.361e3	1.365e3	1.73	NO	3.726e3	4.7426	4.7426	0.221
17	PCB-85/116	38.95	38.94	1.828e5	1.186e5	1.518e4	9.715e3	1.56	NO	2.489e4	41.575	41.575	0.290
18	PCB-120	39.21	39.24	1.815e4	1.566e4	1.478e3	9.834e2	1.50	NO	2.461e3	2.8255	2.8255	0.200
19	PCB-110	39.34	39.37	2.012e6	1.287e6	1.731e5	1.115e5	1.55	NO	2.846e5	390.59	390.59	0.239
20	PCB-82	40.02	40.00	9.683e4	6.283e4	8.141e3	5.251e3	1.55	NO	1.339e4	29.947	29.947	0.389
21	PCB-124	40.74	40.73	5.585e4	3.478e4	7.125e3	4.711e3	1.51	NO	1.184e4	15.649	15.649	0.230
22	PCB-107/109	40.88	40.90	1.277e5	8.397e4	1.101e4	8.017e3	1.37	NO	1.902e4	24.471	24.471	0.224
23	PCB-123	41.05	41.04	1.989e4	1.505e4	1.482e3	1.132e3	1.31	YES	2.614e3	0.00000	3.4657	0.248
24	PCB-106/118	41.25	41.23	1.307e6	8.667e5	1.214e5	7.982e4	1.52	NO	2.012e5	283.30	283.30	0.256

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	41.91	41.91	1.763e4	1.033e4	2.055e3	1.183e3	1.74	NO	3.238e3	5.6457	5.6457	0.526
2	PCB-122	42.06	42.04	1.359e4	9.366e3	1.021e3	8.063e2	1.27	YES	1.827e3	0.00000	3.4039	0.613
3	PCB-105	42.80	42.80	3.667e5	2.111e5	3.144e4	1.872e4	1.68	NO	5.016e4	91.084	91.084	0.570
4	PCB-126	45.11	45.11	1.136e4	8.050e3	9.499e2	6.222e2	1.53	NO	1.572e3	2.7849	2.7849	0.583

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	37.86	37.88	1.106e4	8.409e3	9.134e2	7.146e2	1.28	NO	1.628e3	2.6742	2.6742	0.116
2	PCB-152	38.36	38.35	2.514e3	2.409e3	2.256e2	1.514e2	1.49	YES	3.770e2	0.00000	0.51111	0.107
3	PCB-145	38.82	38.81	1.366e3	1.107e3	1.138e2	1.162e2	0.98	YES	2.300e2	0.00000	0.32090	0.111
4	PCB-136	39.15	39.15	5.113e5	4.179e5	4.158e4	3.426e4	1.21	NO	7.584e4	132.10	132.10	0.123
5	PCB-148	39.26	39.24	1.953e4	1.647e4	1.320e3	1.163e3	1.14	NO	2.483e3	5.7206	5.7206	0.163
6	PCB-154	39.78	39.78	8.470e4	6.876e4	7.037e3	5.997e3	1.17	NO	1.303e4	27.753	27.753	0.151
7	PCB-151	40.43	40.43	7.631e5	6.130e5	6.397e4	5.093e4	1.26	NO	1.149e5	261.58	261.58	0.161
8	PCB-135	40.65	40.65	3.862e5	3.095e5	3.310e4	2.602e4	1.27	NO	5.911e4	125.46	125.46	0.150
9	PCB-144	40.77	40.77	1.463e5	1.208e5	1.161e4	9.360e3	1.24	NO	2.097e4	46.548	46.548	0.157
10	PCB-147	40.90	40.90	3.209e4	2.374e4	2.483e3	1.845e3	1.35	NO	4.328e3	9.3181	9.3181	0.152
11	PCB-139/149	41.17	41.17	2.437e6	1.919e6	2.077e5	1.641e5	1.27	NO	3.718e5	737.99	737.99	0.141
12	PCB-140	41.36	41.38	3.016e4	2.389e4	2.719e3	1.977e3	1.38	NO	4.696e3	11.047	11.047	0.167

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	41.82	41.83	9.069e4	7.866e4	7.677e3	6.546e3	1.17	NO	1.422e4	39.539	39.539	0.990
2	PCB-131/133	42.14	42.14	7.903e4	6.257e4	6.436e3	5.260e3	1.22	NO	1.170e4	30.400	30.400	0.926
3	PCB-146/165	42.54	42.55	5.533e5	4.531e5	4.658e4	3.825e4	1.22	NO	8.483e4	179.40	179.40	0.753
4	PCB-132/161	42.78	42.82	6.373e5	5.085e5	5.590e4	4.548e4	1.23	NO	1.014e5	211.34	211.34	0.743
5	PCB-153	42.97	42.97	2.792e6	2.310e6	2.418e5	1.984e5	1.22	NO	4.402e5	887.03	887.03	0.718
6	PCB-168	43.18	43.10	1.201e4	8.262e3	1.064e3	9.685e2	1.10	NO	2.033e3	3.9191	3.9191	0.687
7	PCB-141	43.71	43.73	4.388e5	3.682e5	3.800e4	3.165e4	1.20	NO	6.965e4	176.51	176.51	0.899
8	PCB-137	44.11	44.13	5.107e4	3.609e4	3.657e3	2.580e3	1.42	NO	6.238e3	15.558	15.558	0.885
9	PCB-130	44.20	44.22	1.084e5	9.171e4	9.685e3	7.939e3	1.22	NO	1.762e4	51.877	51.877	1.04
10	PCB-138/163/164	44.62	44.60	2.294e6	1.858e6	2.201e5	1.784e5	1.23	NO	3.985e5	769.44	769.44	0.663
11	PCB-158/160	44.86	44.83	1.932e5	1.449e5	1.691e4	1.298e4	1.30	NO	2.989e4	58.504	58.504	0.672
12	PCB-129	45.09	45.11	4.046e4	4.101e4	3.507e3	3.511e3	1.00	YES	7.018e3	0.00000	17.495	0.948
13	PCB-166	45.58	45.58	5.881e3	4.509e3	4.773e2	3.896e2	1.23	NO	8.669e2	1.5745	1.5745	0.654
14	PCB-128/162	46.22	46.19	2.203e5	1.683e5	2.027e4	1.550e4	1.31	NO	3.576e4	80.111	80.111	0.807
15	PCB-167	46.65	46.65	7.604e4	6.236e4	6.428e3	5.224e3	1.23	NO	1.165e4	22.325	22.325	0.680
16	PCB-156	47.95	47.95	1.890e5	1.497e5	1.672e4	1.320e4	1.27	NO	2.992e4	58.500	58.500	0.693
17	PCB-157	48.24	48.22	2.791e4	1.816e4	3.363e3	1.772e3	1.90	YES	5.135e3	0.00000	8.0427	0.754

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-188	42.59	42.57	2.813e3	3.257e3	2.804e2	3.498e2	0.80	YES	6.302e2	0.00000	0.94198	0.256
2	PCB-184	43.03	43.05	1.626e3	1.263e3	1.272e2	1.103e2	1.15	NO	2.375e2	0.41221	0.41221	0.258
3	PCB-179	43.83	43.82	5.116e5	5.275e5	4.445e4	4.492e4	0.99	NO	8.937e4	164.52	164.52	0.274
4	PCB-176	44.32	44.31	1.570e5	1.489e5	1.330e4	1.258e4	1.06	NO	2.588e4	46.002	46.002	0.264
5	PCB-178	45.47	45.45	1.899e5	1.852e5	1.645e4	1.594e4	1.03	NO	3.240e4	77.203	77.203	0.354
6	PCB-175	45.83	45.81	3.391e4	4.016e4	2.928e3	3.242e3	0.90	NO	6.170e3	14.311	14.311	0.345
7	PCB-182/187	46.01	45.98	1.272e6	1.242e6	1.073e5	1.041e5	1.03	NO	2.114e5	443.98	443.98	0.312
8	PCB-183	46.32	46.32	5.263e5	5.182e5	4.505e4	4.395e4	1.03	NO	8.901e4	193.46	193.46	0.323
9	PCB-185	47.01	47.01	9.387e4	9.209e4	7.725e3	7.563e3	1.02	NO	1.529e4	37.285	37.285	0.363
10	PCB-174	47.38	47.38	7.859e5	7.762e5	6.659e4	6.476e4	1.03	NO	1.313e5	331.06	331.06	0.375
11	PCB-181	47.48	47.46	3.399e4	2.881e4	1.118e3	9.466e2	1.18	NO	2.065e3	4.6896	4.6896	0.338
12	PCB-177	47.68	47.65	4.617e5	4.229e5	3.934e4	3.641e4	1.08	NO	7.575e4	200.44	200.44	0.394
13	PCB-171	47.95	47.95	1.992e5	1.954e5	1.672e4	1.650e4	1.01	NO	3.322e4	82.389	82.389	0.369
14	PCB-173	48.41	48.39	1.282e4	1.101e4	1.010e3	8.856e2	1.14	NO	1.896e3	5.3634	5.3634	0.421
15	PCB-172	48.88	48.88	1.131e5	1.209e5	9.755e3	1.034e4	0.94	NO	2.009e4	48.268	48.268	0.357
16	PCB-180	49.30	49.30	1.882e6	1.797e6	1.584e5	1.529e5	1.04	NO	3.113e5	722.56	722.56	0.345
17	PCB-193	49.51	49.51	1.119e5	1.034e5	9.571e3	9.297e3	1.03	NO	1.887e4	38.727	38.727	0.305
18	PCB-191	49.77	49.75	2.904e4	2.728e4	2.430e3	2.364e3	1.03	NO	4.794e3	9.6149	9.6149	0.298
19	PCB-170	50.95	50.95	5.945e5	5.880e5	4.937e4	4.877e4	1.01	NO	9.815e4	271.36	271.36	0.406
20	PCB-190	51.15	51.15	1.478e5	1.436e5	1.234e4	1.199e4	1.03	NO	2.432e4	51.438	51.438	0.310
21	PCB-189	52.73	52.71	2.740e4	2.789e4	2.233e3	2.152e3	1.04	NO	4.385e3	9.8882	9.8882	0.305

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	48.18	48.16	1.631e5	1.713e5	1.359e4	1.518e4	0.89	NO	2.877e4	53.354	53.354	0.203
2	PCB-201	48.67	48.67	8.898e4	1.079e5	7.563e3	9.115e3	0.83	NO	1.668e4	34.035	34.035	0.223
3	PCB-197	49.15	49.15	2.396e4	3.109e4	2.049e3	2.645e3	0.77	NO	4.695e3	8.9834	8.9834	0.209
4	PCB-200	50.07	50.07	6.900e4	7.338e4	5.846e3	6.656e3	0.88	NO	1.250e4	25.306	25.306	0.221
5	PCB-198	51.70	51.70	3.312e4	3.498e4	1.949e3	2.449e3	0.80	NO	4.398e3	11.661	11.661	0.290
6	PCB-199	51.84	51.80	5.366e5	6.056e5	4.164e4	4.698e4	0.89	NO	8.862e4	231.55	231.55	0.286
7	PCB-196/203	52.14	52.10	5.573e5	6.387e5	4.263e4	4.861e4	0.88	NO	9.124e4	223.08	223.08	0.267

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	53.41	53.42	1.162e5	1.283e5	7.263e3	8.380e3	0.87	NO	1.564e4	61.896	61.896	0.634
2	PCB-194	54.36	54.36	4.299e5	4.538e5	2.457e4	2.624e4	0.94	NO	5.081e4	181.42	181.42	0.572
3	PCB-205	54.61	54.63	2.262e4	2.069e4	1.381e3	1.158e3	1.19	YES	2.539e3	0.00000	6.5339	0.478

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	53.57	53.57	2.561e5	1.943e5	1.585e4	1.208e4	1.31	NO	2.793e4	91.277	91.277	0.505
2	PCB-207	53.90	53.92	6.029e4	4.984e4	3.781e3	3.069e3	1.23	NO	6.850e3	22.678	22.678	0.512
3	PCB-206	55.89	55.88	5.798e5	4.349e5	3.450e4	2.550e4	1.35	NO	5.999e4	299.42	299.42	0.738

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.12	57.14	1.086e6	9.004e5	6.071e4	5.063e4	1.20	NO	1.113e5	505.01	505.01	0.209

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	15.19	15.22	1.138e7	3.498e6	1.014e6	3.201e5	3.17	NO	1.334e6	1691.9		8.53
2	13C-PCB-3	17.81	17.86	1.742e7	5.340e6	1.020e6	3.169e5	3.22	NO	1.337e6	1701.9		8.56

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	19.16	19.16	8.575e6	5.431e6	5.037e5	3.188e5	1.58	NO	8.225e5	1630.9		1.01
2	13C-PCB-9	20.99	20.97	1.247e7	7.970e6	7.984e5	5.058e5	1.58	NO	1.304e6	1614.9		0.628
3	13C-PCB-11	24.43	24.43	1.017e7	6.425e6	8.268e5	5.307e5	1.56	NO	1.357e6	1736.1		0.648
4	13C-PCB-15	25.11	25.14	1.422e7	9.167e6	1.016e6	6.575e5	1.54	NO	1.673e6	1988.5		0.602

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	23.37	23.36	5.749e6	5.752e6	3.927e5	3.839e5	1.02	NO	7.765e5	1822.1		3.80
2	13C-PCB-32	26.34	26.34	8.961e6	8.944e6	6.077e5	6.088e5	1.00	NO	1.217e6	1959.0		2.61

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	28.23	28.24	8.910e6	8.697e6	7.116e5	6.844e5	1.04	NO	1.396e6	1988.5		3.64
2	13C-PCB-28	28.35	28.35	8.261e6	7.751e6	6.757e5	6.368e5	1.06	NO	1.313e6	1764.6		3.44
3	13C-PCB-37	32.34	32.39	9.040e6	8.713e6	6.908e5	6.702e5	1.03	NO	1.361e6	1980.6		3.72

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	27.18	27.18	5.822e6	7.390e6	4.401e5	5.621e5	0.78	NO	1.002e6	1228.4		0.919
2	13C-PCB-52	30.85	30.85	4.650e6	6.083e6	3.815e5	5.022e5	0.76	NO	8.837e5	1351.4		1.15
3	13C-PCB-47	31.37	31.37	5.349e6	6.944e6	4.557e5	6.016e5	0.76	NO	1.057e6	1527.0		1.08
4	13C-PCB-70	34.98	34.98	7.114e6	9.083e6	5.922e5	7.514e5	0.79	NO	1.344e6	1646.9		0.919
5	13C-PCB-80	35.43	35.42	7.495e6	9.383e6	6.272e5	7.926e5	0.79	NO	1.420e6	1684.2		0.890
6	13C-PCB-60	36.25	36.26	8.573e6	1.100e7	7.199e5	9.334e5	0.77	NO	1.653e6	1988.5		0.902
7	13C-PCB-79	37.36	37.38	7.592e6	9.654e6	6.897e5	8.797e5	0.78	NO	1.569e6	1822.2		0.871
8	13C-PCB-81	38.62	38.63	6.910e6	8.867e6	6.154e5	7.921e5	0.78	NO	1.408e6	1701.5		0.906
9	13C-PCB-77	39.22	39.24	6.755e6	8.715e6	6.246e5	7.849e5	0.80	NO	1.410e6	1735.5		0.923

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	32.02	32.08	8.866e6	5.729e6	7.462e5	4.809e5	1.55	NO	1.227e6	1482.8		0.560
2	13C-PCB-95	35.32	35.28	7.740e6	5.065e6	6.231e5	4.073e5	1.53	NO	1.030e6	1605.1		0.722
3	13C-PCB-101	37.03	37.03	7.872e6	5.261e6	6.590e5	4.336e5	1.52	NO	1.093e6	1592.4		0.675
4	13C-PCB-97	38.37	38.37	7.102e6	4.433e6	5.930e5	3.735e5	1.59	NO	9.665e5	1727.5		0.828
5	13C-PCB-111	38.82	38.83	1.185e7	7.544e6	9.982e5	6.400e5	1.56	NO	1.638e6	1988.5		0.562
6	13C-PCB-123	41.02	41.03	1.021e7	6.509e6	8.525e5	5.420e5	1.57	NO	1.394e6	1744.8		0.580
7	13C-PCB-118	41.21	41.21	9.688e6	6.192e6	8.456e5	5.359e5	1.58	NO	1.381e6	1675.1		0.562

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	41.89	41.89	7.451e6	4.744e6	6.411e5	4.109e5	1.56	NO	1.052e6	1489.6		0.934
2	13C-PCB-105	42.78	42.78	7.119e6	4.708e6	6.381e5	4.205e5	1.52	NO	1.059e6	1456.9		0.908
3	13C-PCB-127	43.14	43.14	7.922e6	4.875e6	7.033e5	4.342e5	1.62	NO	1.138e6	1503.3		0.872
4	13C-PCB-126	45.08	45.09	6.395e6	3.951e6	6.002e5	3.751e5	1.60	NO	9.754e5	1299.1		0.879

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	42.95	42.93	6.370e6	5.144e6	5.553e5	4.414e5	1.26	NO	9.966e5	1663.5		1.34
2	13C-PCB-141	43.70	43.69	5.316e6	4.246e6	4.617e5	3.658e5	1.26	NO	8.274e5	1673.0		1.63
3	13C-PCB-138	44.57	44.56	5.861e6	4.768e6	4.924e5	4.002e5	1.23	NO	8.926e5	1697.1		1.53
4	13C-PCB-159	45.91	45.91	6.728e6	5.330e6	5.928e5	4.689e5	1.26	NO	1.062e6	1669.1		1.27
5	13C-PCB-128	46.16	46.17	5.813e6	4.566e6	5.078e5	3.997e5	1.27	NO	9.075e5	1988.5		1.77
6	13C-PCB-167	46.61	46.63	6.903e6	5.621e6	5.993e5	4.815e5	1.24	NO	1.081e6	1660.5		1.24
7	13C-PCB-156	47.92	47.93	6.127e6	4.918e6	5.314e5	4.259e5	1.25	NO	9.573e5	1566.6		1.32
8	13C-PCB-157	48.21	48.22	6.358e6	4.959e6	5.789e5	4.434e5	1.31	NO	1.022e6	1648.3		1.30
9	13C-PCB-169	50.49	50.51	5.686e6	4.519e6	5.079e5	4.103e5	1.24	NO	9.182e5	1510.5		1.33

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-7.qld

Last Altered: Friday, May 14, 2021 2:57:19 PM Pacific Daylight Time

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ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

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	54.35	54.34	4.316e6	4.802e6	2.487e5	2.763e5	0.90	NO	5.250e5	1911.7		1.13
2	13C-PCB-205	54.64	54.62	6.456e6	7.126e6	3.651e5	4.040e5	0.90	NO	7.692e5	1988.5		0.802

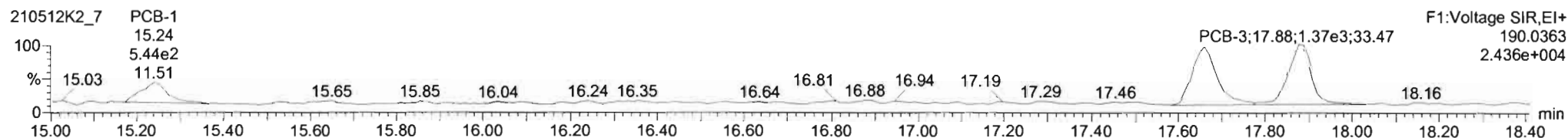
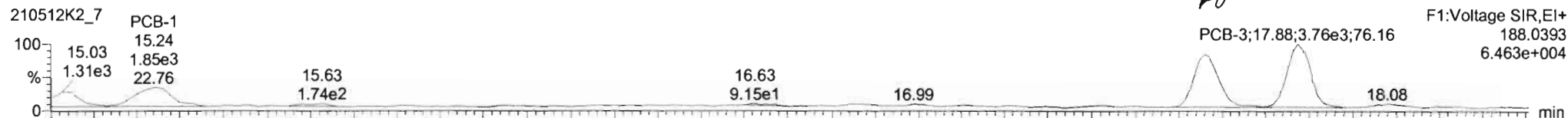
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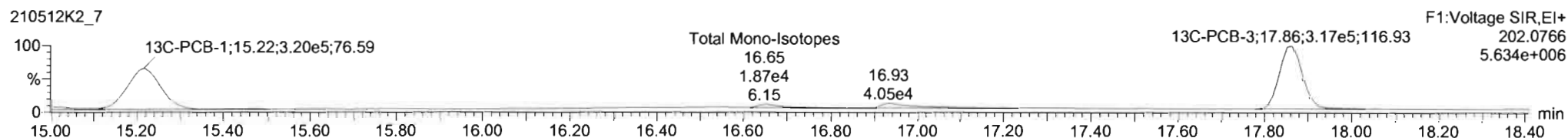
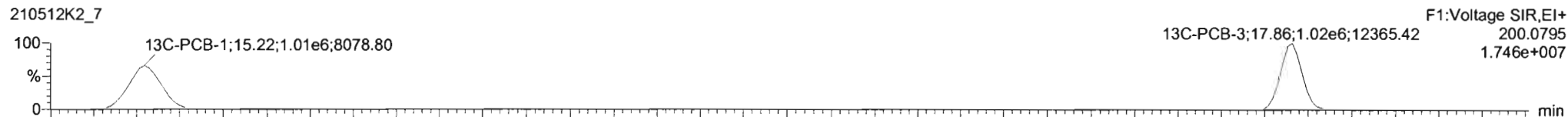
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

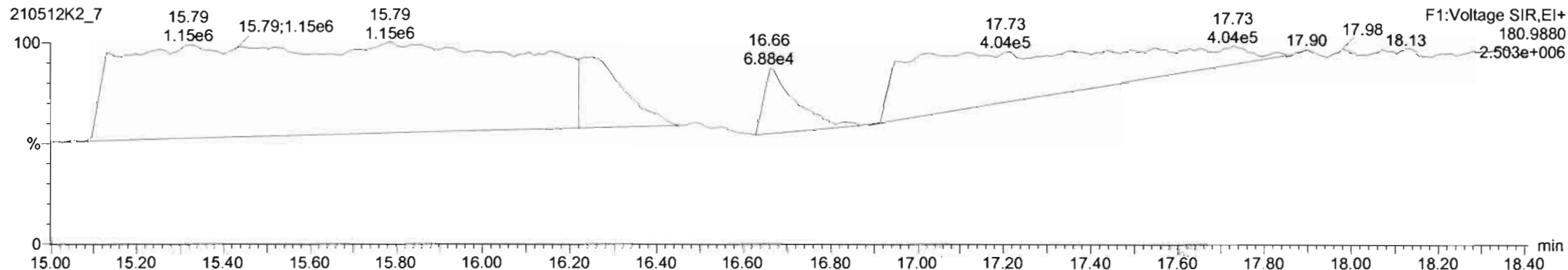
PCB-1



13C-PCB-1

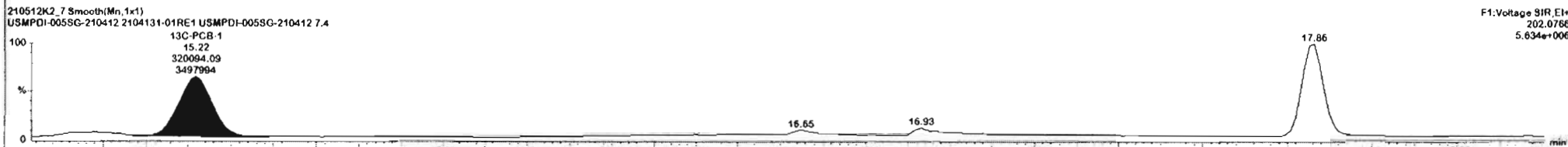
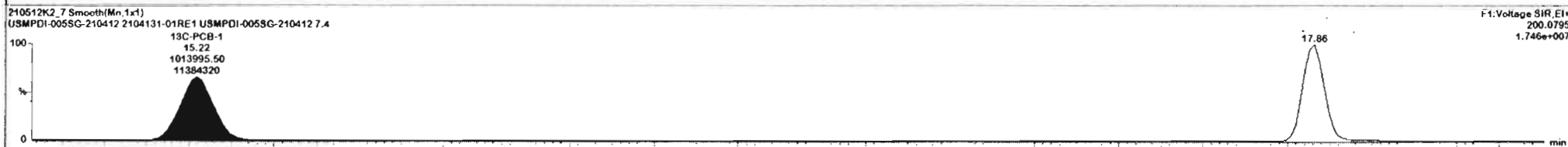
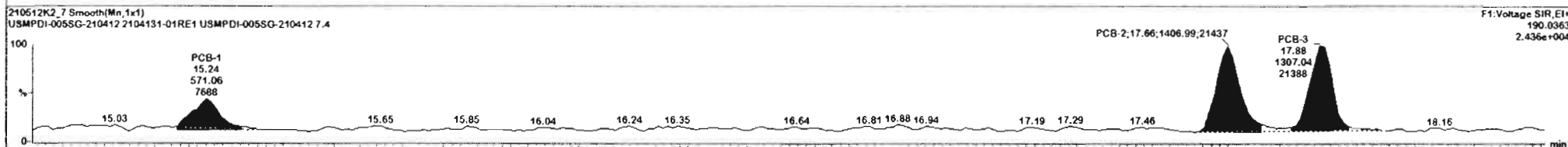
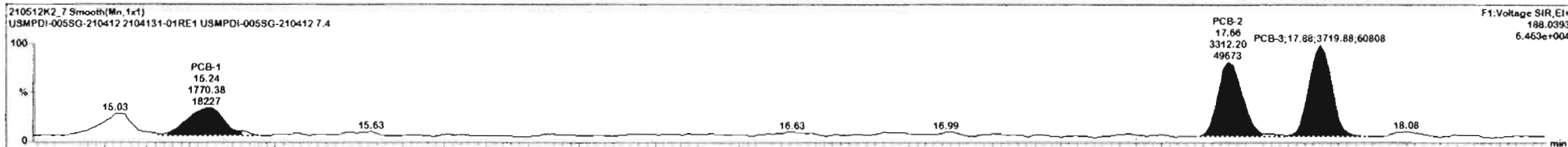


PFK1



#	Name	Resp	RA	nly	RRF	w/wvd	Pred RT	RT	Pred.R.	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	224	Total Mono-PCBs			1.0034	5.029	0.00		0.080		NO	11.00		0.883	17.36

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Rate (Pred)	RA	nly	EMPC	Conc
1	PCB-1	15.23	15.24	1.770e3	5.711e2	3.130	3.10	NO	2.5407	3.5407
2	PCB-2	17.56	17.66	3.312e3	1.407e3	3.130	2.35	YES	6.355e	0.00000
3	PCB-3	17.07	17.86	3.720e3	1.307e3	3.130	2.85	NO	7.4571	7.4571

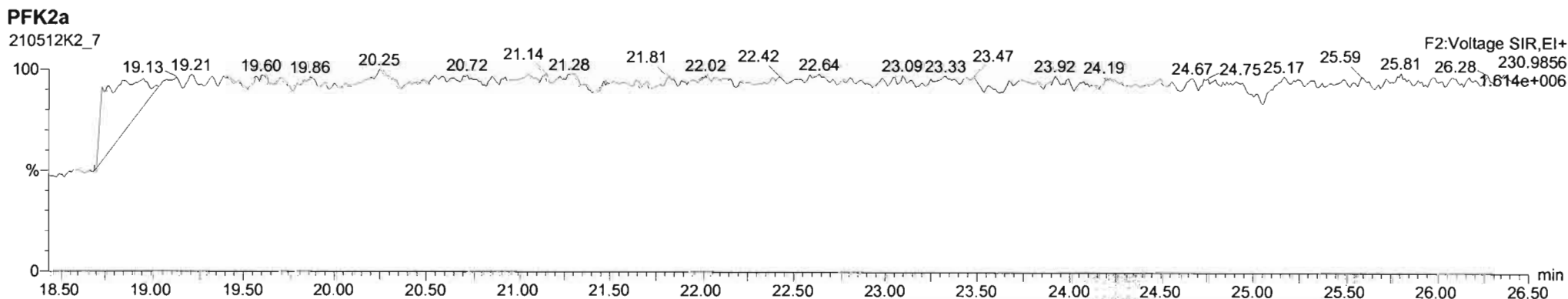
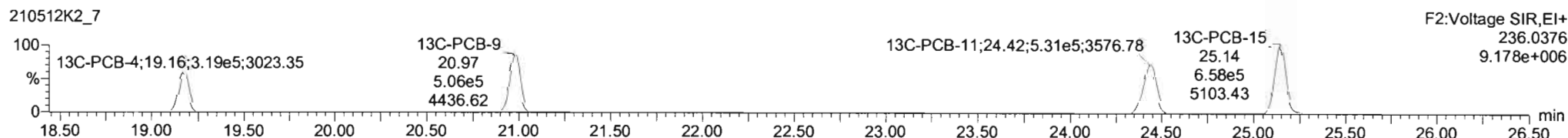
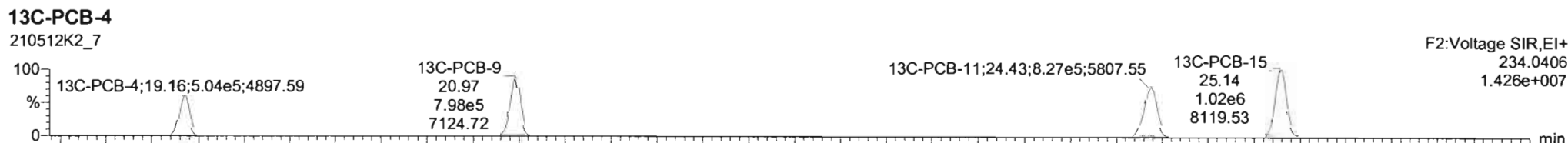
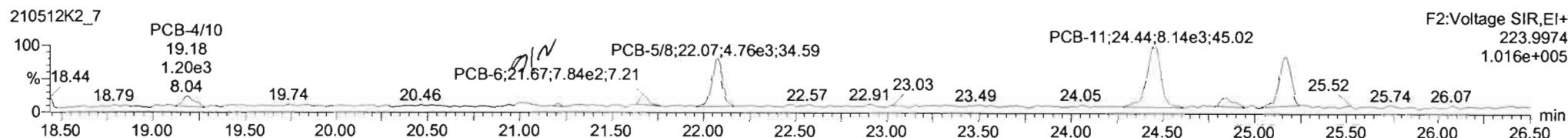
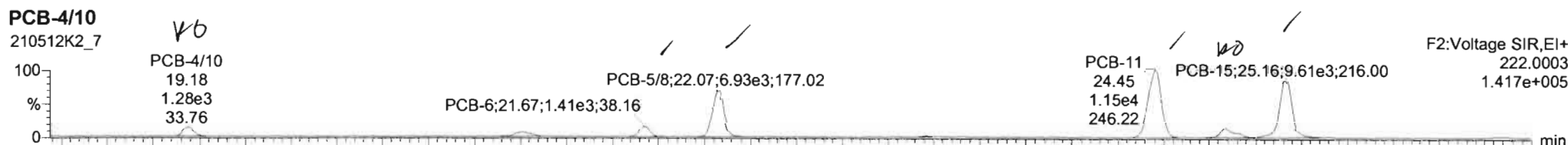


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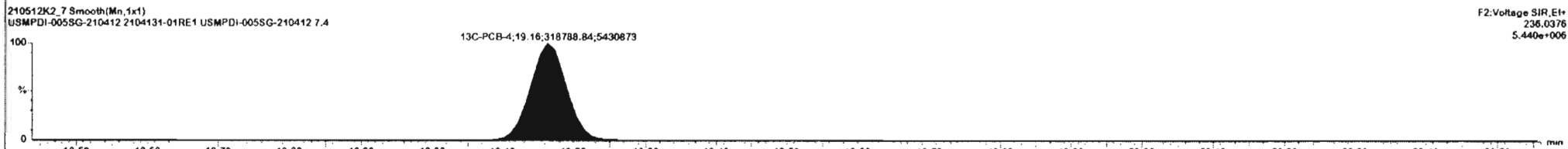
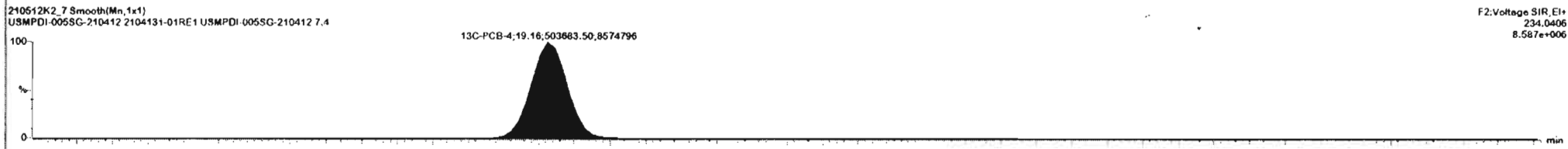
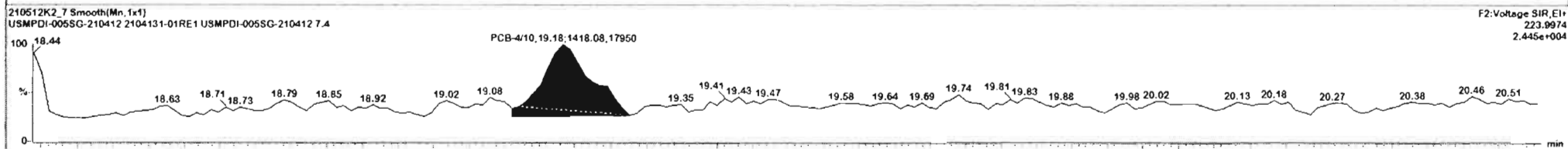
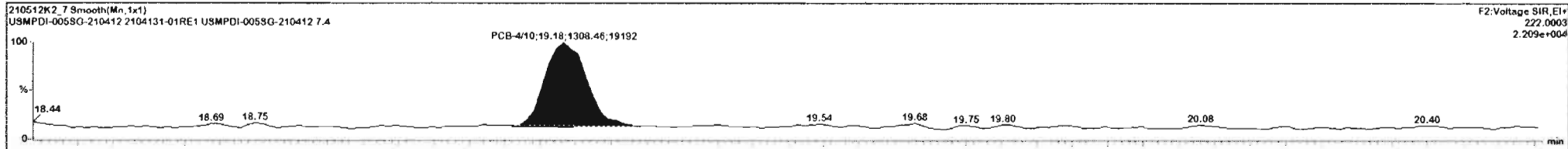
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



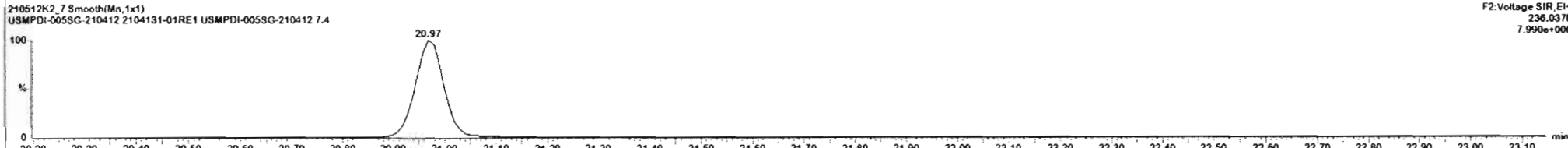
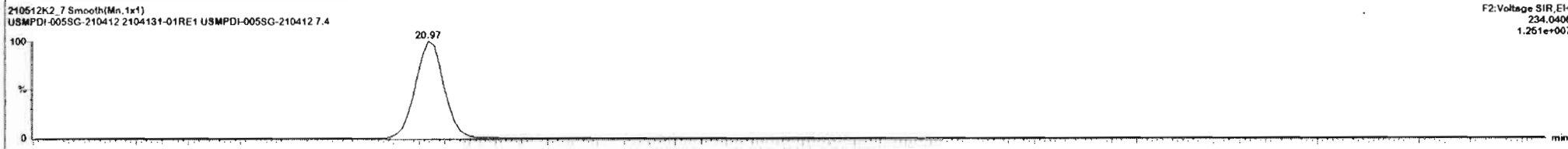
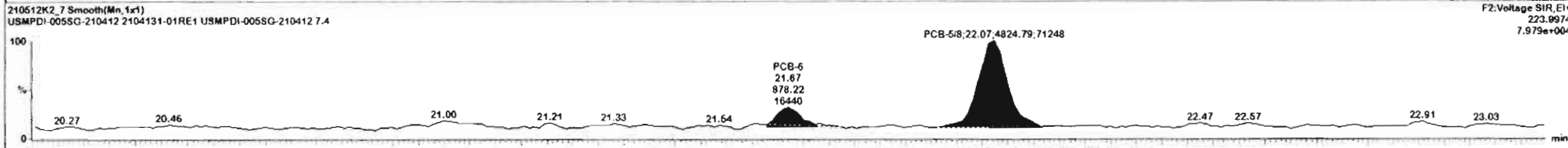
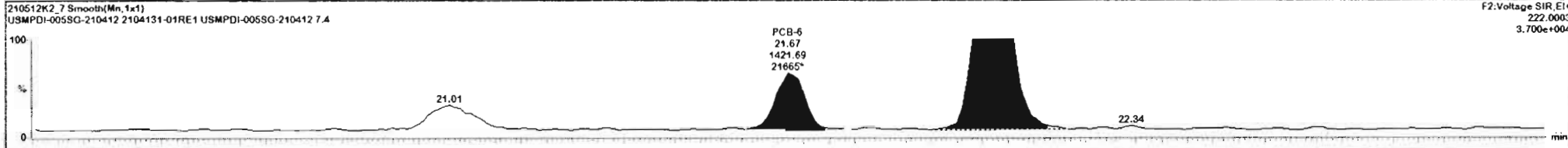
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.6034	5.029	0.00		0.000		NO	11.00		0.603	17.38

#	Name	Pred.RT	RT	m1 Resp	m2 Reso	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4:10	19.24	19.18	1.305e3	1.419e3	1.560	0.92	YES	4.2894	0.00000
2	6 PCB-6	21.66	21.67	1.407e3	9.732e2	1.560	1.80	NO	3.4975	3.4975
3	7 PCB-5:8	22.06	22.07	8.851e3	4.605e3	1.560	1.42	NO	18.245	16.245
4	9 PCB-11	24.45	24.45	1.151e4	7.884e3	1.560	1.50	NO	25.172	25.172
5	10 PCB-12:13	24.88	24.84	1.037e2	1.295e2	1.560	1.26	YES	3.5632	0.00000



#	Name	Resp	RA	n/y	RRF	wb/vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	224	Total Mono-PCBs			1.0034	5.029	0.00		0.000		NO	11.00		0.003	17.36

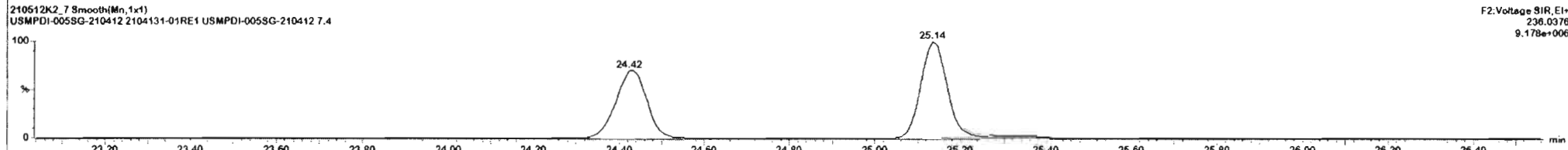
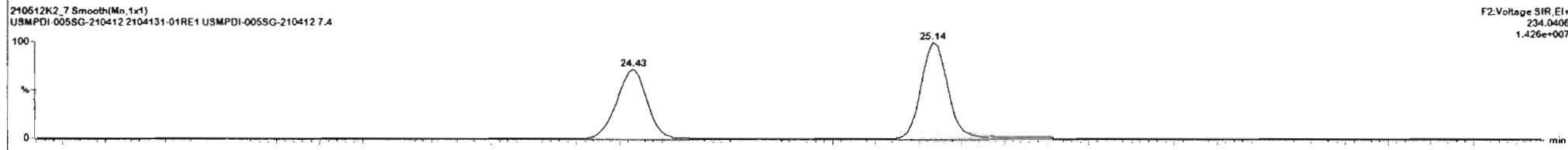
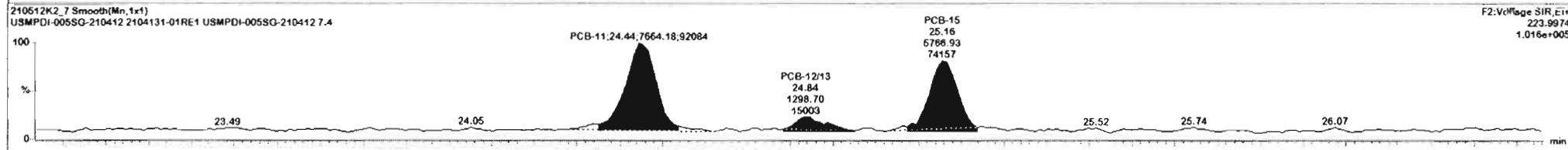
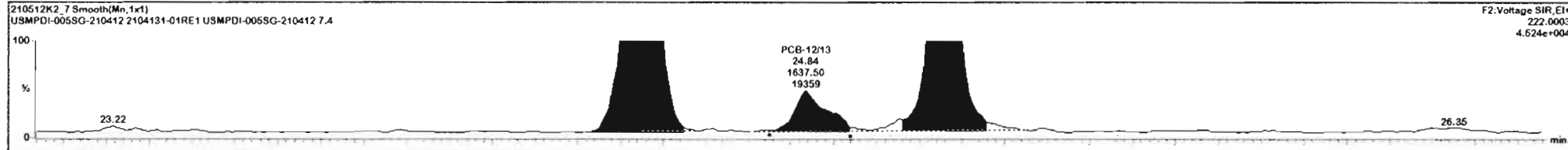
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	4 PCB-4/10	16.24	16.18	1.308e3	1.418e3	1.500	0.92	YES	4.2994	0.66900
2	6 PCB-6	21.58	21.67	1.407e3	0.782e2	1.500	1.80	NO	3.4975	3.4975
3	7 PCB-5/8	22.08	22.07	6.851e3	4.625e3	1.500	1.42	NO	16.245	16.245
4	9 PCB-11	24.45	24.45	1.151e4	7.864e3	1.500	1.50	NO	25.172	25.172
5	10 PCB-12/13	24.88	24.84	1.637e2	1.299e3	1.500	1.26	YES	3.8632	0.00000



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	nly	RRF	wl/wcl	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.0034	5.025	0.00		0.000		NO	11.00		0.833	17.36

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	4 PCB-4/10	15.24	19.18	1.308e3	1.418e3	1.560	0.92	YES	4.2994	0.00000
2	6 PCB-6	21.56	21.67	1.407e2	8.782e2	1.580	1.80	NO	3.4975	3.4975
3	7 PCB-5/8	27.06	27.07	6.251e2	4.825e3	1.590	1.42	NO	16.245	16.245
4	9 PCB-11	24.45	24.45	1.151e4	7.864e3	1.590	1.50	NO	25.172	25.172
5	10 PCB-12/13	24.88	24.84	1.637e3	1.295e3	1.590	1.26	YES	3.9532	0.00000



Dataset: Untitled

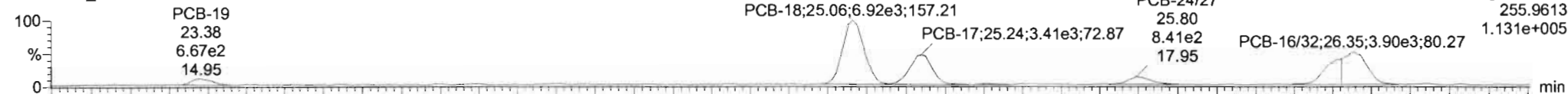
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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

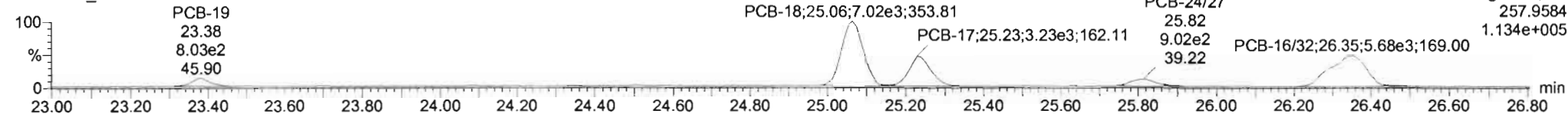
Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

PCB-19

210512K2_7

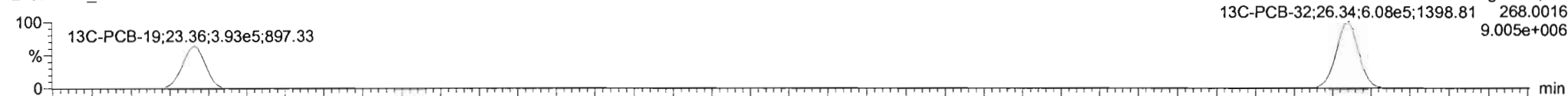


210512K2_7

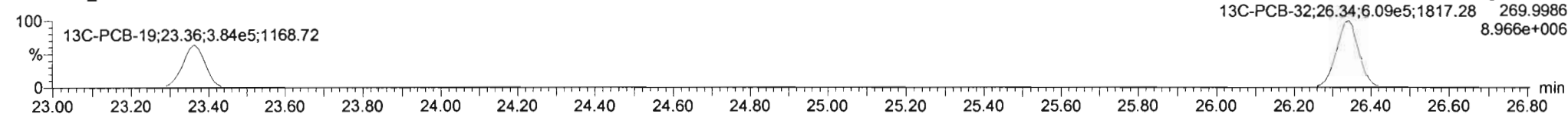


13C-PCB-19

210512K2_7

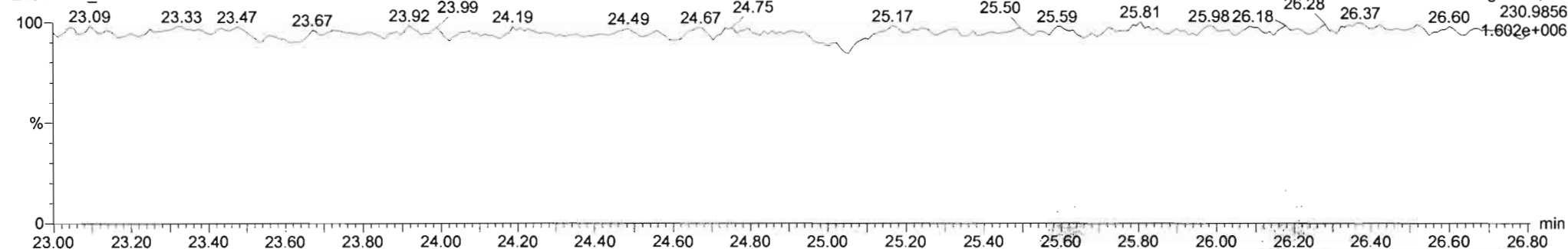


210512K2_7



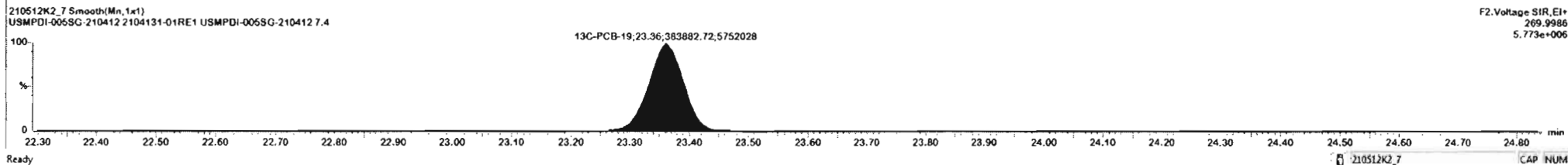
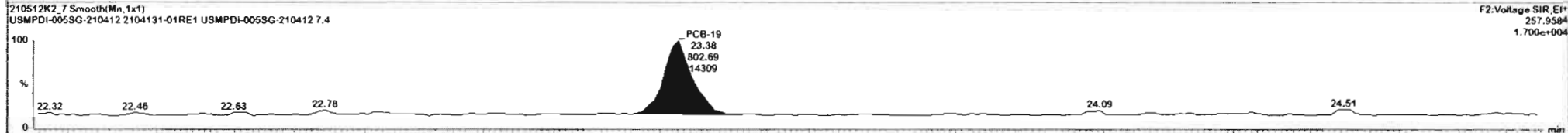
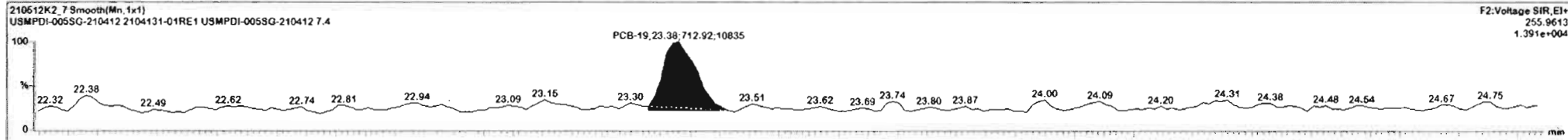
PFK2b

210512K2_7



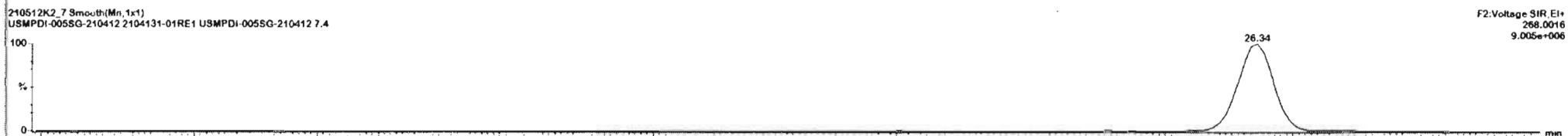
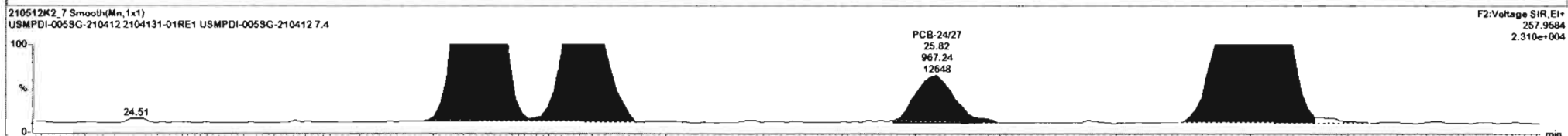
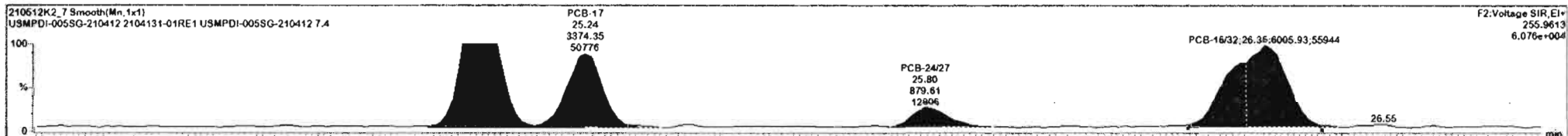
#	Name	Resp	RA	n/y	RRF	w/wet	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				0.9434	5.029	0.00		0.000		NO	76.36		1.75	78.36

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-15	23.39	23.38	7.129e2	8.027e2	1.040	0.89	NO	3.9923	3.9923
2	14 PCB-18	25.08	25.06	7.027e3	7.056e3	1.040	1.00	NO	31.997	31.997
3	15 PCB-17	25.74	25.74	3.374e3	3.242e3	1.040	1.04	NO	16.059	16.099
4	16 PCB-24/27	25.82	25.80	8.796e2	9.672e2	1.040	0.91	NO	3.2377	3.2377
5	17 PCB-19/32	26.36	26.35	8.005e3	8.613e3	1.040	1.07	NO	23.037	23.037



#	Name	Resp	RA	nly	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				0.9434	5.029	0.00		0.000		NO	78.36		1.75	78.36

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	12 PCB-19	23.38	23.38	7.125e2	6.027e2	1.040	0.89	NO	3.8923	3.9523
2	14 PCB-18	25.08	25.08	7.027e3	7.056e3	1.040	1.00	NO	31.957	31.997
3	15 PCB-17	25.24	25.24	3.374e3	3.242e3	1.040	1.04	NO	16.099	16.099
4	16 PCB-24/27	25.82	25.80	6.796e2	9.672e2	1.040	0.91	NO	3.2377	3.2377
5	17 PCB-16/32	26.36	26.35	6.005e3	5.613e3	1.040	1.07	NO	23.037	23.037



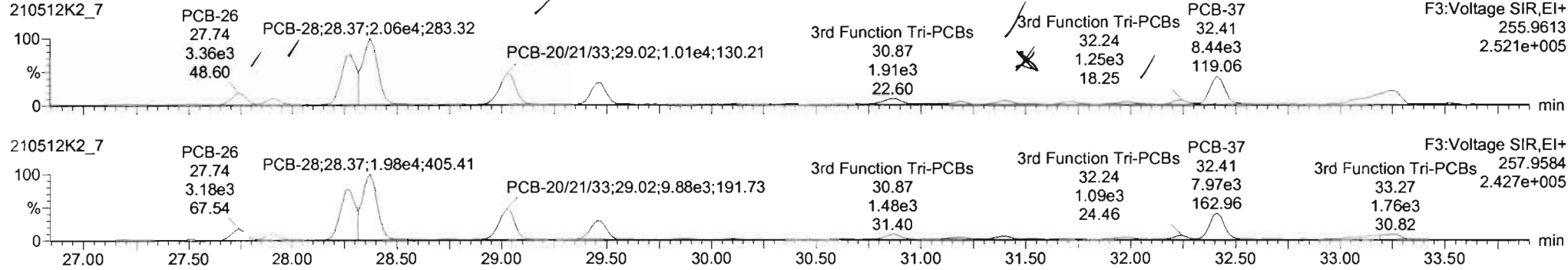
Ready 210512K2_7 CAP NUM

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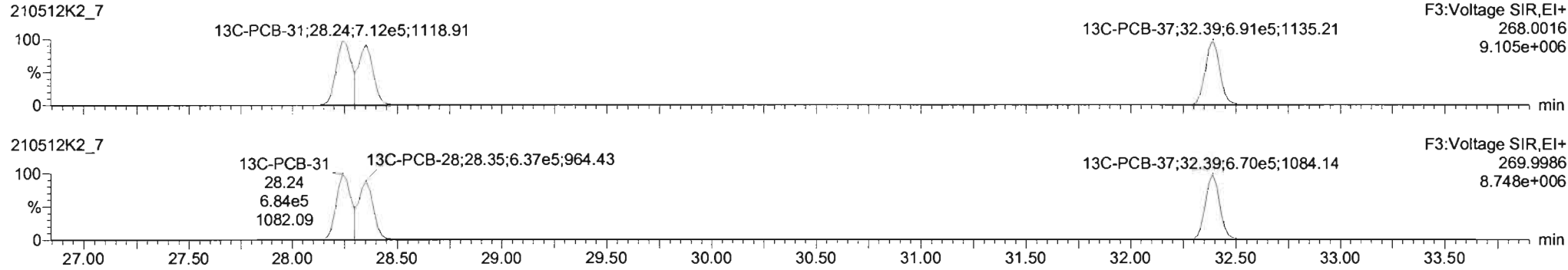
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

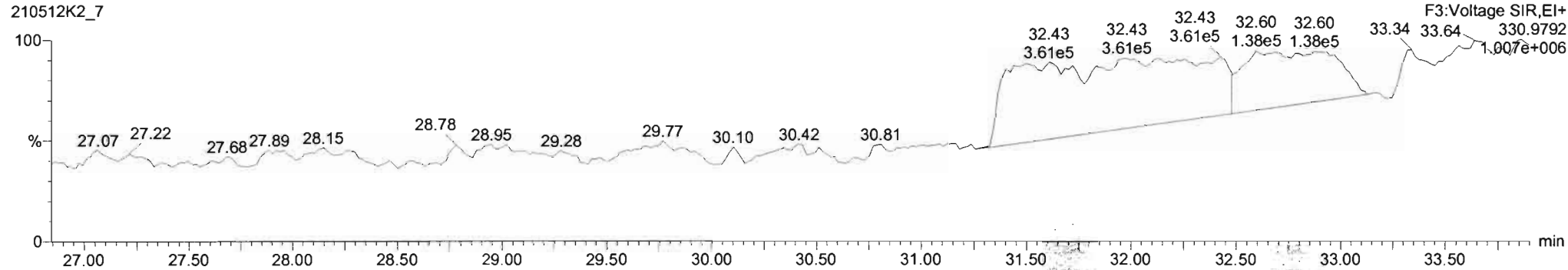
PCB-34



13C-PCB-28

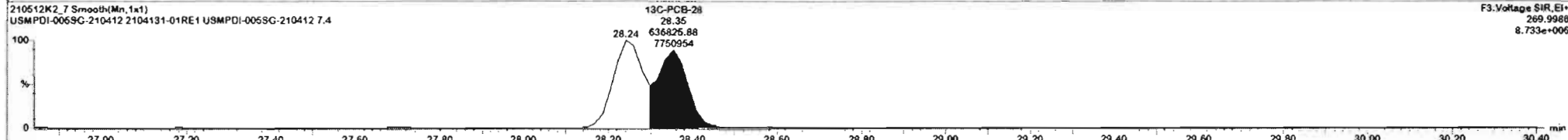
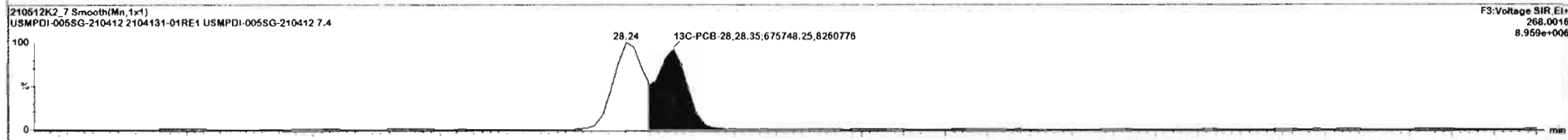
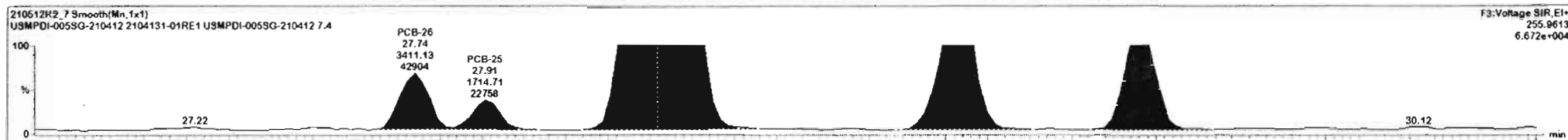


PFK3d



#	Name	Resp	RA	nly	RRF	wt/wt	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
226	226 2m8 Function Tr-PCBa				0.9434	5.025	0.00		0.000		NO	78.36		1.75	78.36

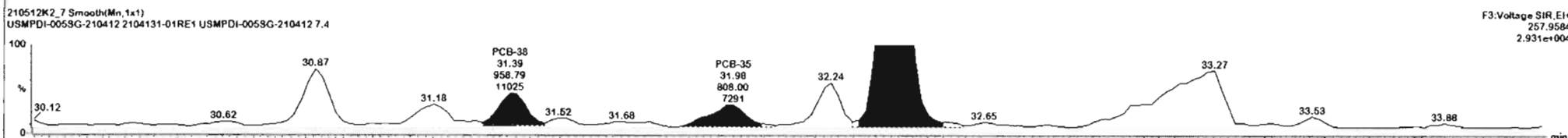
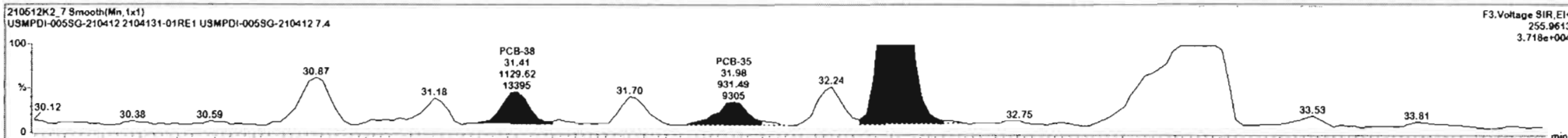
#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1 st Rate (Pred)	RA	nly	EMPC	Conc.
1	21 PCB-26	27.75	27.74	3.411e3	2.164e3	1.040	1.08	NO	10.851	10.891
2	22 PCB-25	27.81	27.91	1.715e3	1.597e3	1.040	1.07	NO	5.4303	5.4803
3	23 PCB-31	28.28	28.28	1.505e4	1.492e4	1.040	1.01	NO	44.068	44.088
4	24 PCB-26	28.37	28.37	2.055e4	1.890e4	1.040	1.03	NO	80.416	80.416
5	25 PCB-20(21/33)	29.00	29.02	1.009e4	9.783e3	1.040	1.03	NO	32.982	32.982
6	26 PCB-22	29.46	29.47	8.666e3	5.604e3	1.040	1.15	NO	19.927	19.927
7	25 PCB-35	31.43	31.41	1.130e3	9.588e2	1.040	1.18	NO	2.5982	2.9082



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	nly	RRF	wf/cf	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226	2nd Function Tri-PCBs			0.9434	5.029	0.00		0.000		NO	78.36		1.75	78.36

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	21 PCB-26	27.75	27.74	3.411e3	3.164e3	1.040	1.08	NO	10.881	10.881
2	22 PCB-25	27.91	27.91	1.715e3	1.597e3	1.040	1.07	NO	5.4803	5.4803
3	23 PCB-31	28.28	28.28	1.505e4	1.492e4	1.040	1.01	NO	44.068	44.068
4	24 PCB-26	28.37	28.37	2.055e4	1.993e4	1.040	1.03	NO	60.418	60.418
5	25 PCB-20/21/33	29.09	29.02	1.009e4	9.783e3	1.040	1.03	NO	32.983	32.982
6	26 PCB-22	29.48	29.47	6.998e3	5.804e3	1.040	1.15	NO	19.927	19.927
7	29 PCB-36	31.43	31.41	1.100e3	9.583e2	1.040	1.18	NO	2.9062	2.9062



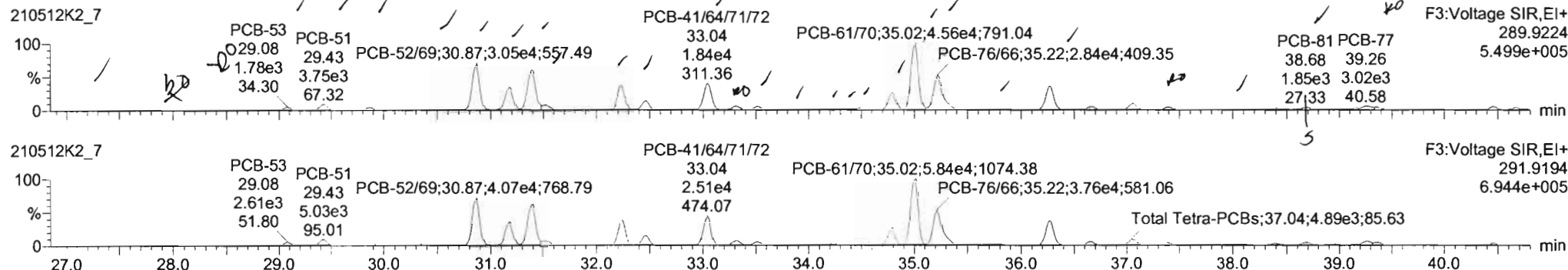
Ready 210512K2_7 CAP NUM

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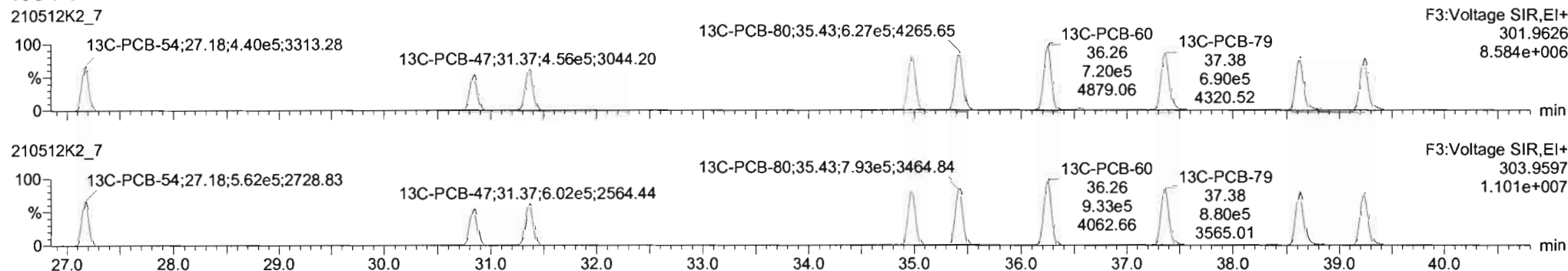
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

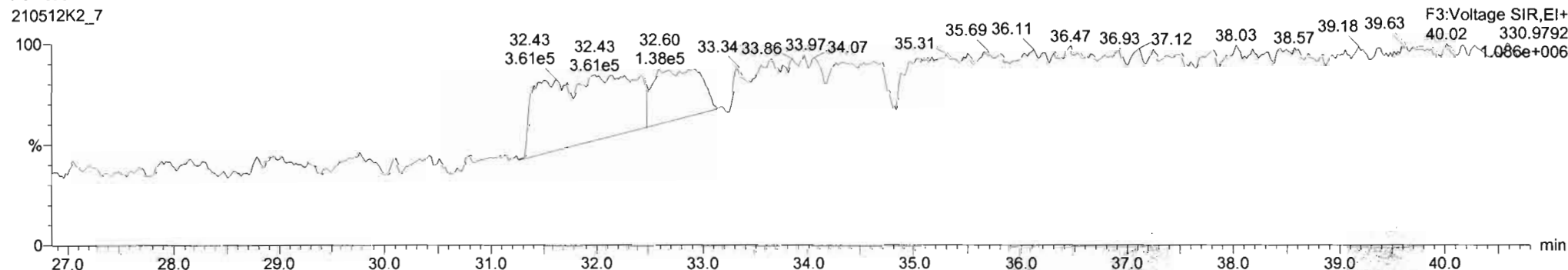
PCB-54



13C-PCB-54



PFK3a



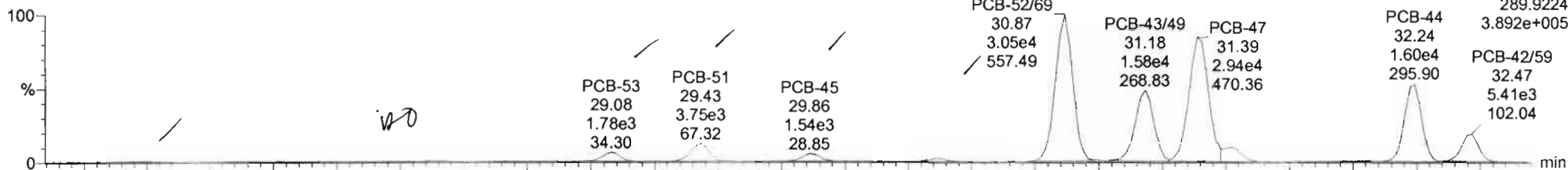
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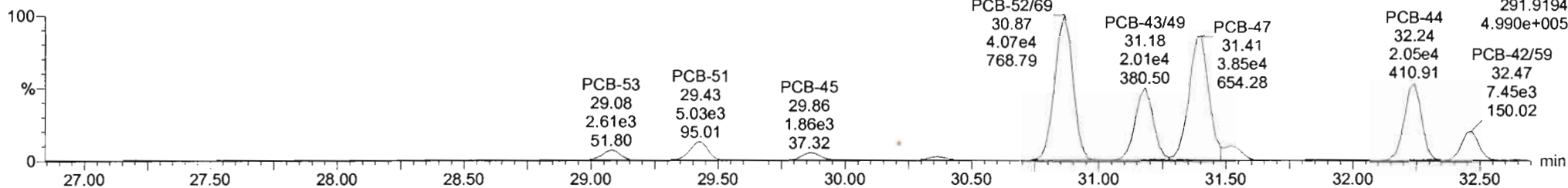
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PCB-50

210512K2_7

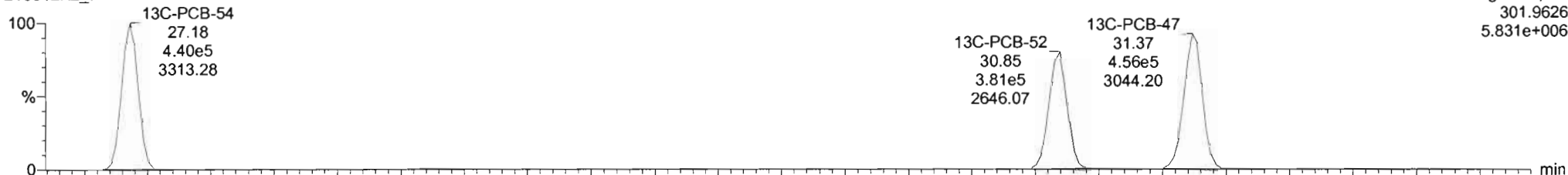


210512K2_7

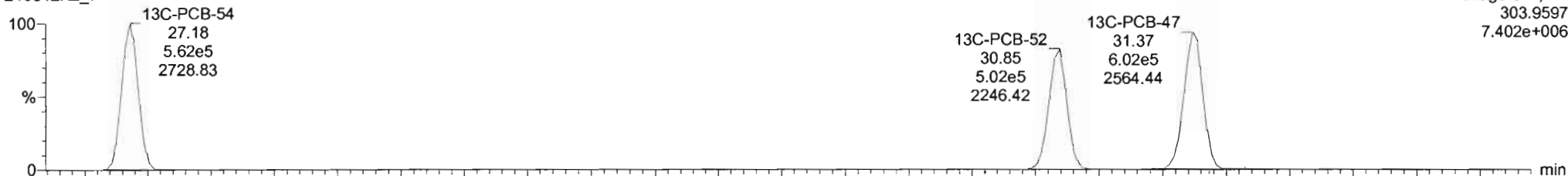


13C-PCB-52

210512K2_7



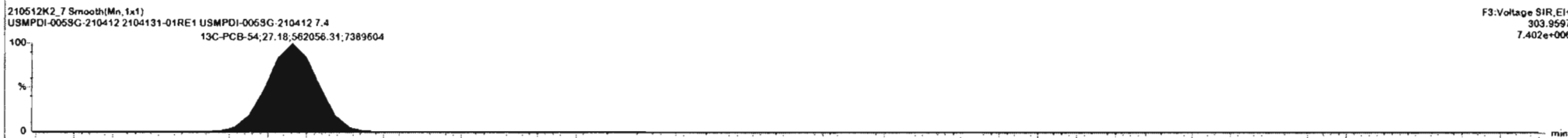
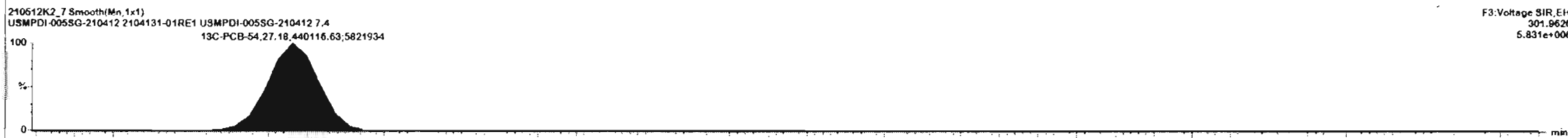
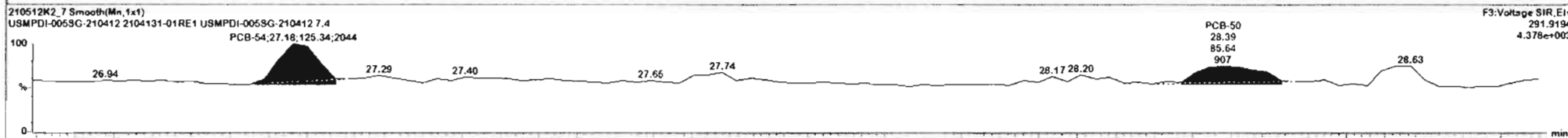
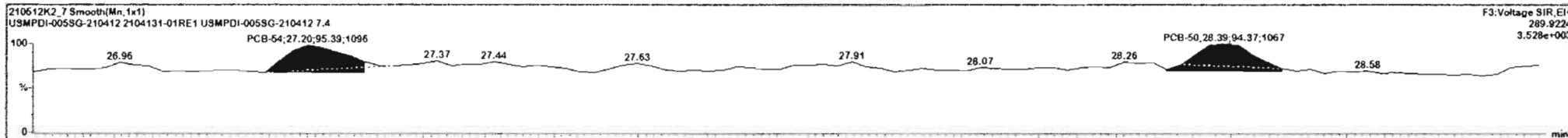
210512K2_7



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

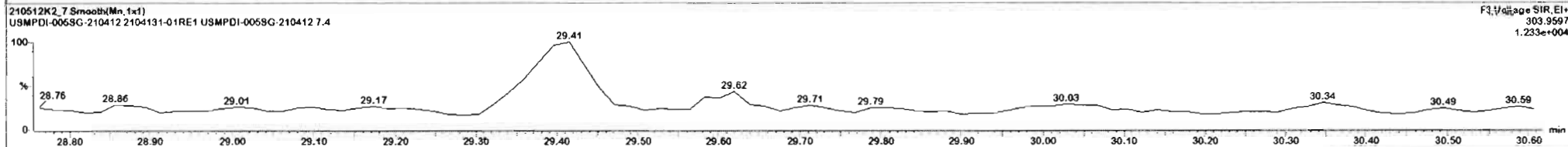
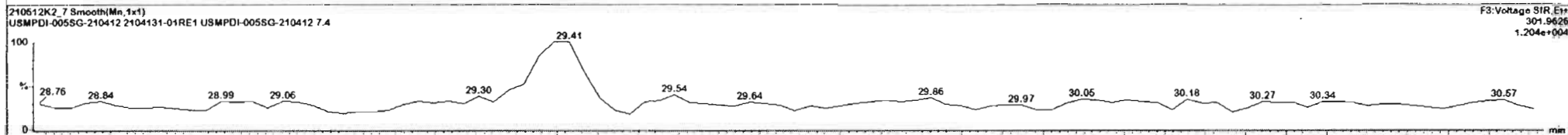
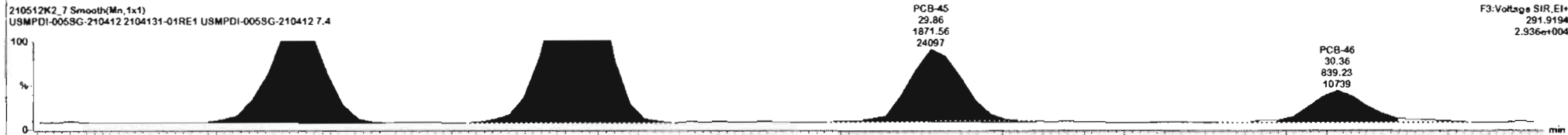
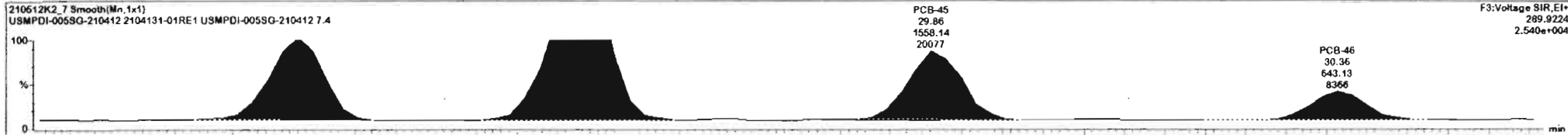
#	Name	Resp	RA	n/y	RRF	wt%ol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228	Total Tetra-PCBs			0.9010	5.029	0.00		0.000		NO	968.4		13.2	1016

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	9.539e1	1.253e2	0.770	0.76	NO	0.44563	0.44953
2	33 PCB-50	28.40	28.39	9.437e1	8.964e1	0.770	1.10	YES	0.37468	0.00060
3	34 PCB-53	29.08	29.08	1.801e3	2.612e3	0.770	0.69	NO	10.577	10.577
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	0.74	NO	19.822	19.822
5	36 PCB-45	29.88	29.86	1.558e3	1.672e3	0.770	0.83	NO	9.6171	9.6171
6	37 PCB-46	30.38	30.38	6.431e2	8.382e2	0.770	0.77	NO	4.3298	4.3298
7	38 PCB-52/69	30.88	30.87	3.060e4	4.078e4	0.770	0.75	NO	148.44	148.44



#	Name	Resp	RA	n/y	RRF	w/w/ci	Pred.RT	RT	Pred.R.	RRT	RRT Fall	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.029	0.00		0.000		ND	988.4		13.2	1010

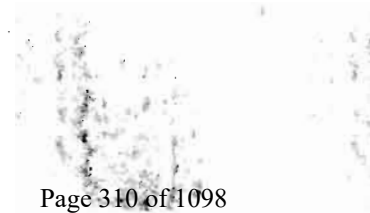
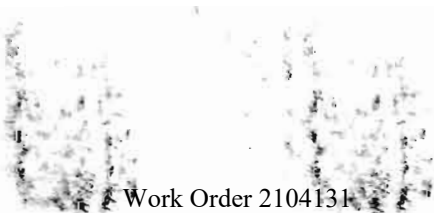
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	0.530e1	1.253e2	0.770	0.76	NO	0.449E3	0.449E3
2	33 PCB-50	28.40	28.38	9.437e1	8.564e1	0.770	1.10	YES	0.374E8	0.00000
3	34 PCB-53	28.08	28.08	1.801e3	2.612e3	0.770	0.89	NO	10.577	10.577
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	0.74	NO	19.822	19.822
5	36 PCB-45	29.38	29.96	1.558e3	1.672e3	0.770	0.83	NO	9.5171	9.8171
6	37 PCB-46	30.39	30.36	6.431e2	8.392e2	0.770	0.77	NO	4.3298	4.3298
7	38 PCB-52/59	30.68	30.67	3.060e4	4.072e4	0.770	0.75	NO	148.44	148.44



Ready

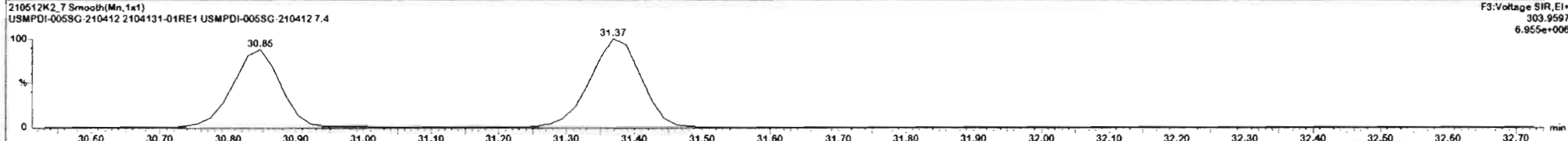
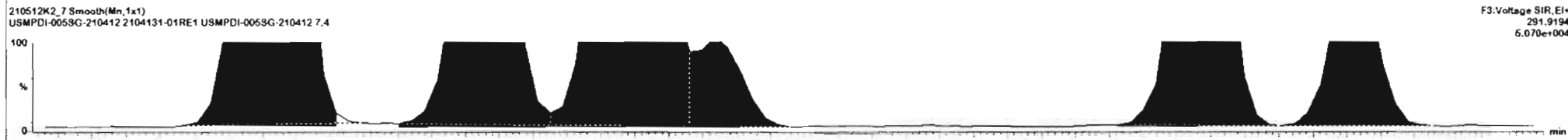
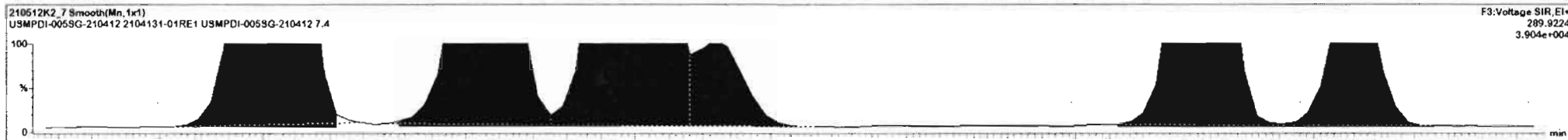
210512K2_7

CAP NUM



#	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			0.9910	5.029	0.01		0.000		NO	968.4		13.2	1010

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	9.536e1	1.253e2	0.770	0.76	NO	0.44953	0.44953
2	33 PCB-50	28.40	28.35	9.437e1	8.564e1	0.770	1.10	YES	0.37468	0.00000
3	34 PCB-53	29.08	29.06	1.801e3	2.612e3	0.770	5.89	NO	10.577	10.577
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	5.74	NO	19.622	19.622
5	36 PCB-45	29.88	29.96	1.558e3	1.872e3	0.770	0.83	NO	9.5171	9.6171
6	37 PCB-46	30.38	30.36	8.431e2	8.392e2	0.770	0.77	NO	4.3299	4.3298
7	38 PCB-52/89	30.88	30.87	3.069e4	4.075e4	0.770	0.75	NO	148.44	148.44

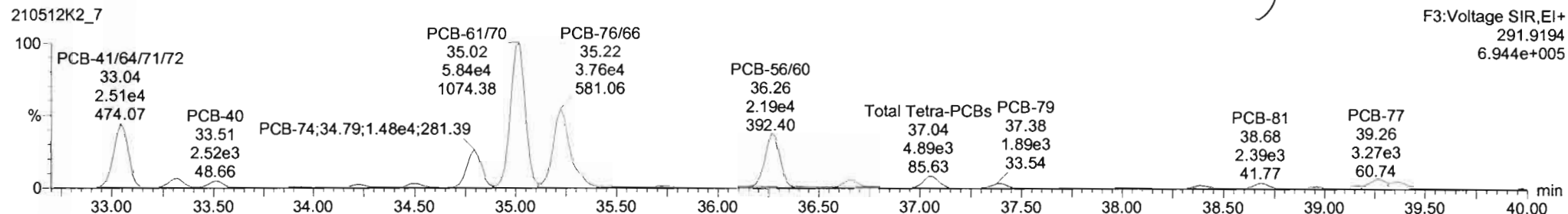
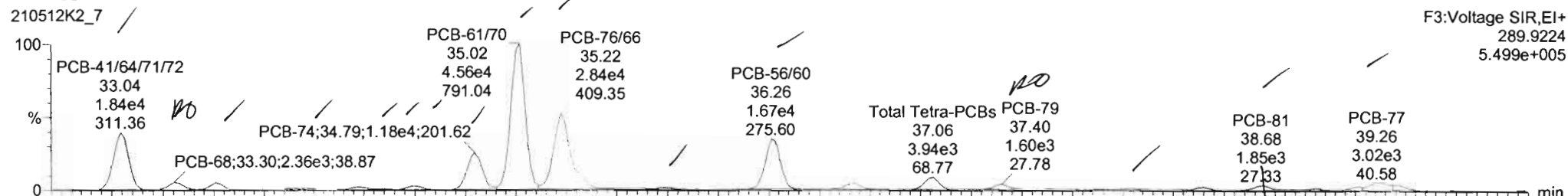


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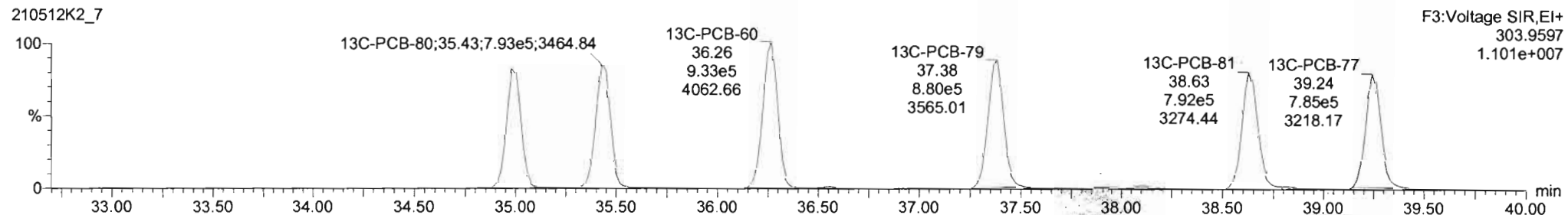
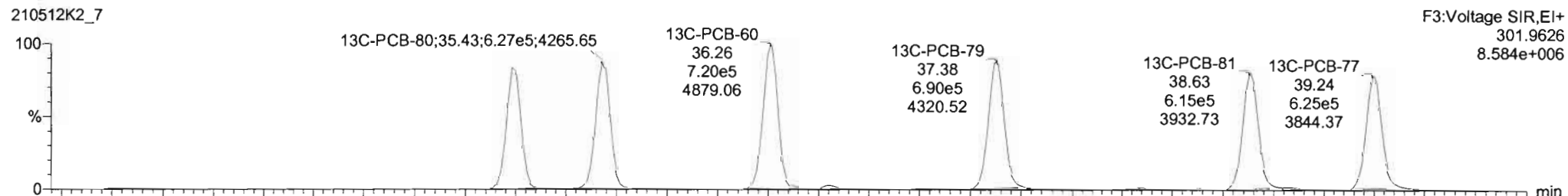
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 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

PCB-68

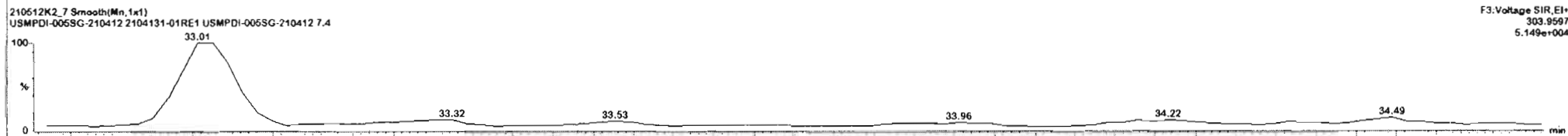
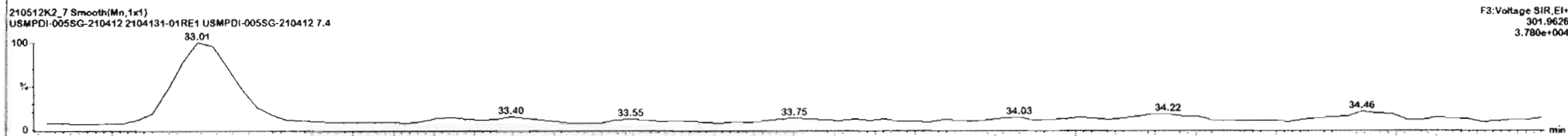
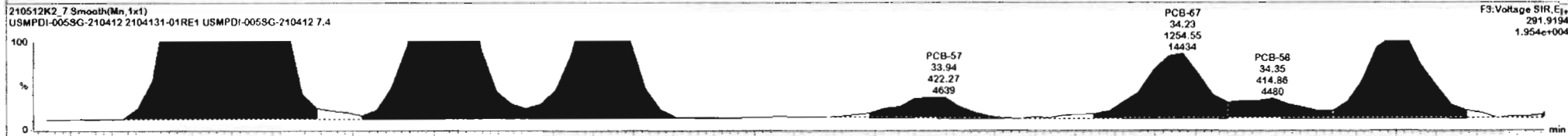
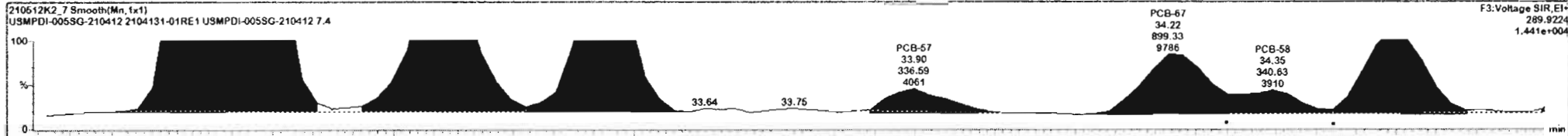


13C-PCB-60



#	Name	Resp	RA	nly	RRF	w/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.029	0.00		0.000			ND	988.4	13.2	1010

#	Name	Pred RT	RT	mI Resp	mI Resu	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.20	27.20	9.513e1	1.253e2	0.770	0.76	NO	0.44952	0.44953
2	33 PCB-50	28.40	28.39	9.437e1	8.964e1	0.770	1.10	YES	0.37468	0.00000
3	34 PCB-53	29.08	29.06	1.785e2	2.612e3	0.770	0.68	NO	10.536	10.539
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	0.74	NO	19.622	19.622
5	36 PCB-45	29.88	29.86	1.558e3	1.672e3	0.770	0.63	NO	9.9171	9.6171
6	37 PCB-46	30.38	30.36	6.431e2	8.392e2	0.770	0.77	NO	4.3298	4.3298
7	38 PCB-52/59	30.88	30.87	3.060e4	4.079e4	0.770	0.75	NO	146.44	146.44



Ready

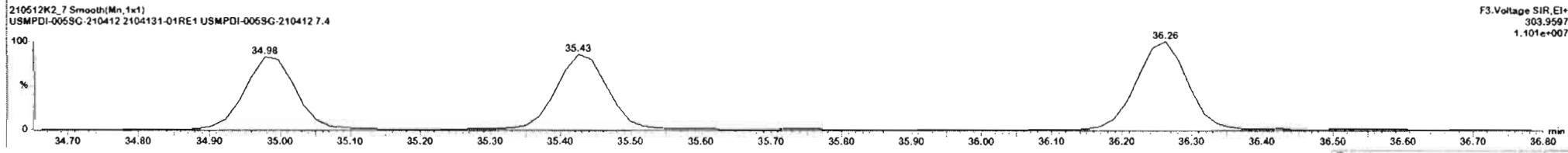
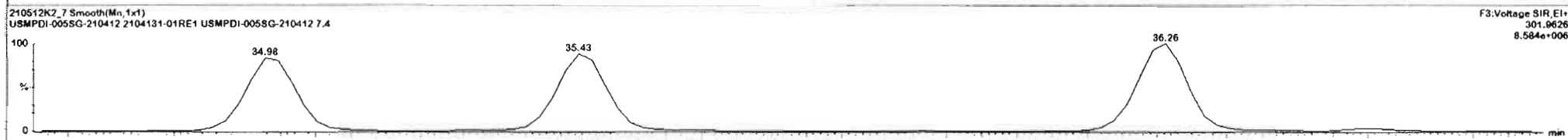
210512K2_7

CAP NUM

210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

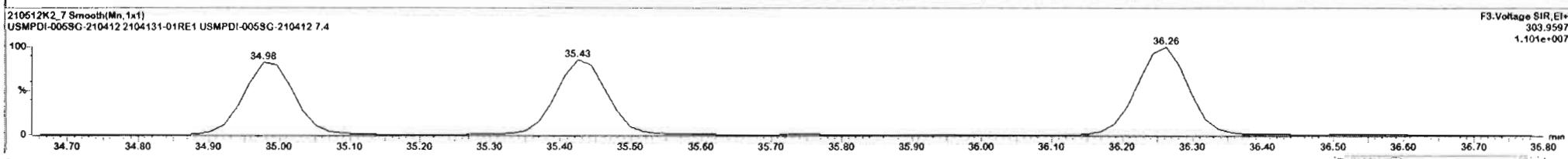
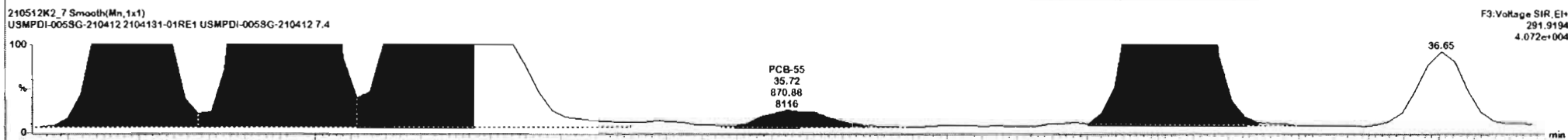
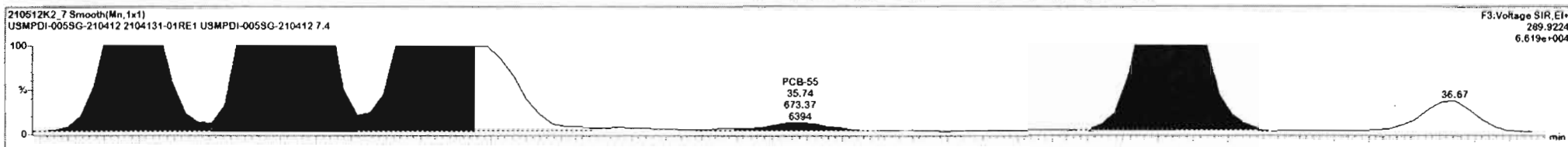
#	Name	Resp	RA	nly	RRF	wb/wci	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.029	9.00		9.000		NO	968.4		13.2	1010

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	PCB-54	27.20	27.20	9.530e1	1.263e2	0.770	0.76	NO	0.44953	0.44953
2	PCB-50	28.40	28.39	9.437e1	8.564e1	0.770	1.10	YES	0.37468	0.00000
3	PCB-53	29.08	29.08	1.765e3	2.612e3	0.770	0.83	NO	10.538	10.538
4	PCB-51	29.42	29.42	3.751e3	5.054e3	0.770	0.74	NO	19.822	19.822
5	PCB-45	29.98	29.98	1.558e3	1.872e3	0.770	0.83	NO	9.6171	9.6171
6	PCB-46	30.38	30.38	6.431e2	8.792e2	0.770	0.77	NO	4.3298	4.3298
7	PCB-52	30.88	30.87	3.060e4	4.078e4	0.770	0.75	NO	148.44	148.44



#	Name	Resp	RA	nly	RRF	wt/wt	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228	Total Tetra-PCBs			0.9610	5.029	0.00		0.000		NO	968.4		13.2	1010

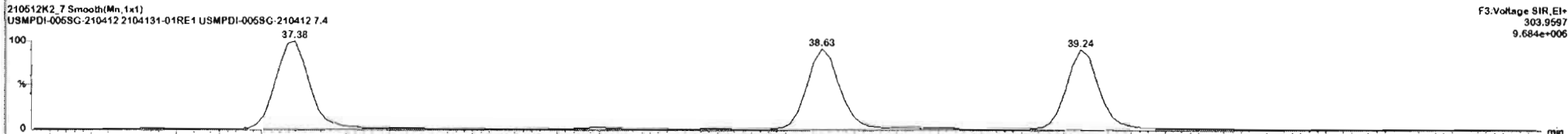
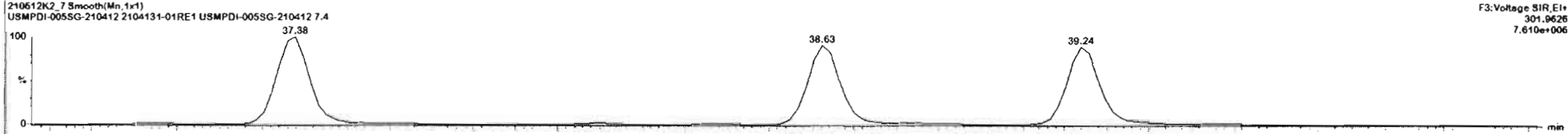
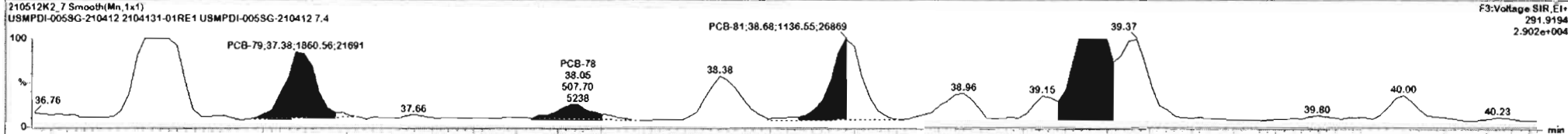
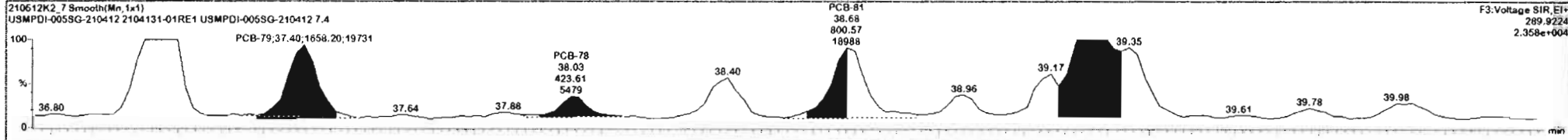
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.20	27.20	9.535e1	1.253e2	0.779	0.76	NO	0.44953	0.44953
2	33 PCB-50	28.40	28.39	9.437e1	6.564e1	0.770	1.10	YES	0.37463	0.00060
3	34 PCB-53	29.06	29.08	1.785e3	2.612e3	0.770	0.68	NO	16.538	10.538
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	0.74	NO	19.822	19.822
5	36 PCB-45	29.88	29.86	1.556e3	1.972e3	0.770	0.63	NO	9.6171	9.6171
6	37 PCB-46	30.38	30.36	6.431e2	8.392e2	0.770	0.77	NO	4.3256	4.3298
7	38 PCB-52/69	30.80	30.87	3.060e4	4.079e4	0.770	0.75	NO	148.44	148.44



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228	Total Tetra-PCBs			0.0010	5.029	0.00		0.000		NO	988.4		13.2	1010

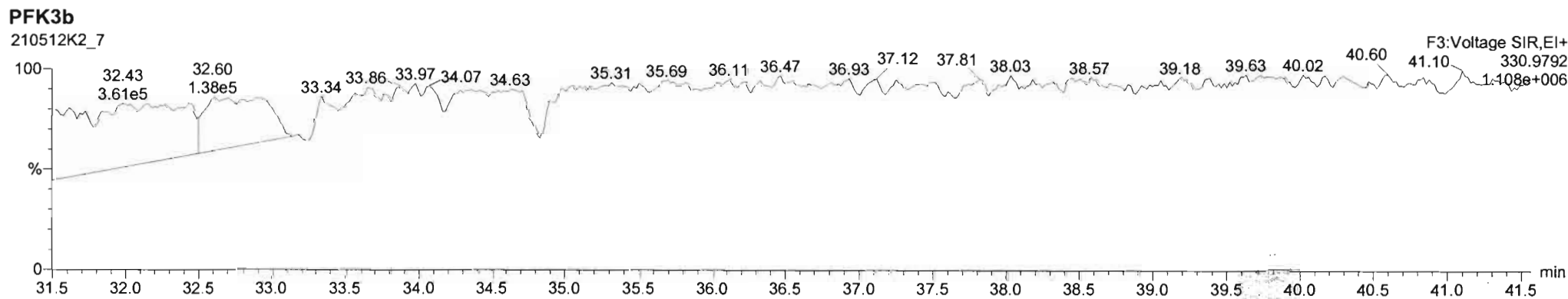
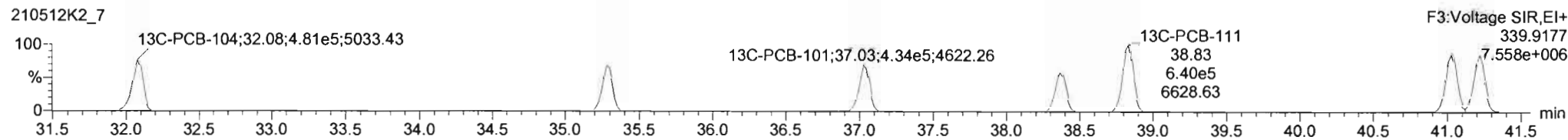
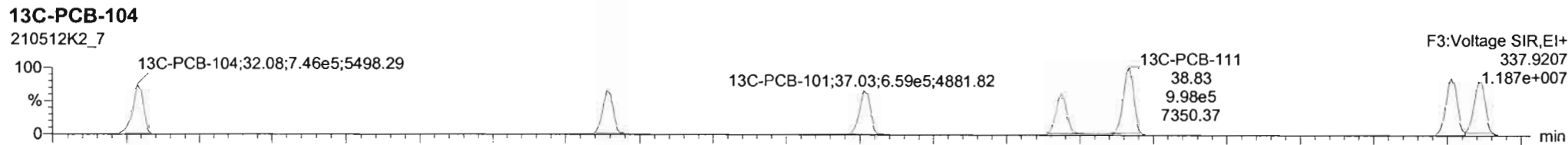
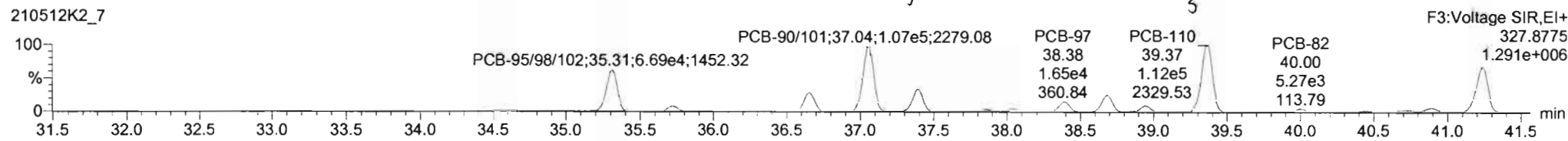
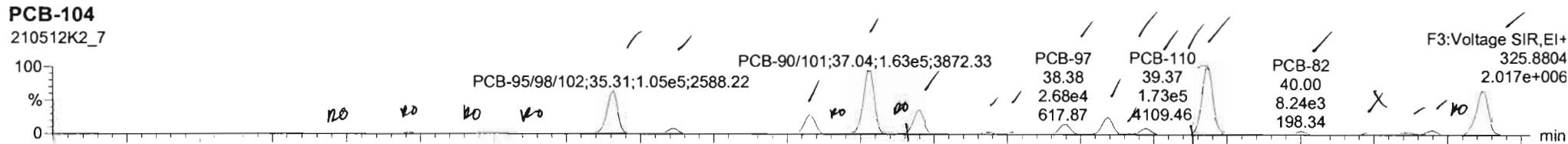
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	9.530e1	1.253e2	0.770	0.78	NO	0.44550	0.44553
2	33 PCB-50	28.40	28.39	9.437e1	8.564e1	0.770	1.10	YES	0.37468	0.00060
3	34 PCB-53	29.08	29.08	1.785e3	2.612e3	0.770	0.88	NO	10.538	10.538
4	35 PCB-51	29.42	29.43	3.751e3	5.054e3	0.770	0.74	NO	19.822	19.822
5	36 PCB-45	29.88	29.96	1.558e3	1.672e3	0.770	0.63	NO	9.6171	9.6171
6	37 PCB-46	30.38	30.38	6.431e2	8.392e2	0.770	0.77	NO	4.3298	4.3298
7	38 PCB-52/89	30.88	30.87	2.560e4	4.078e4	0.770	0.75	NO	148.44	148.44



Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

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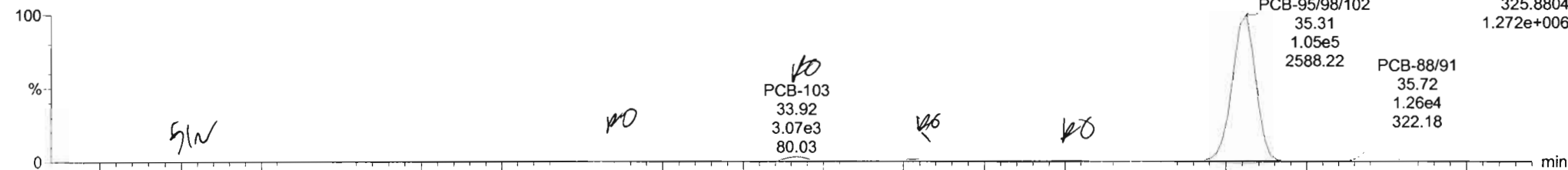
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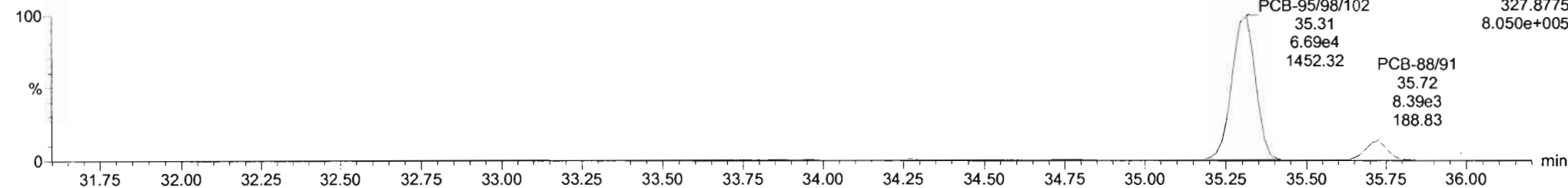
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PCB-96

210512K2_7

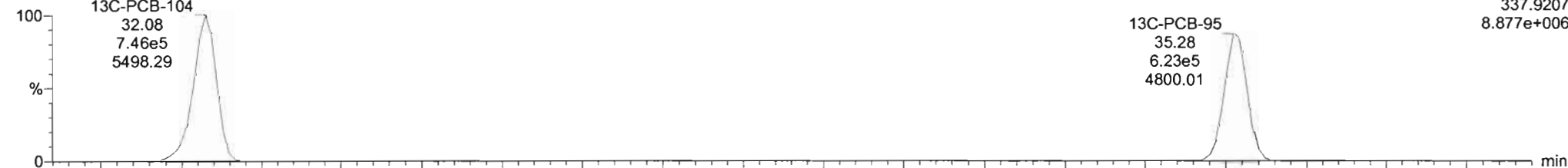


210512K2_7

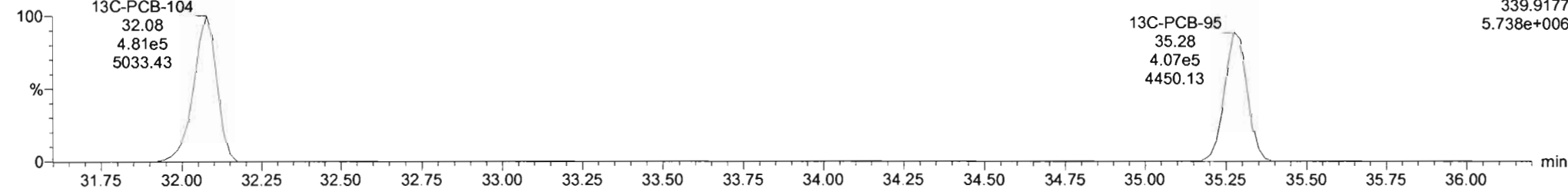


13C-PCB-95

210512K2_7



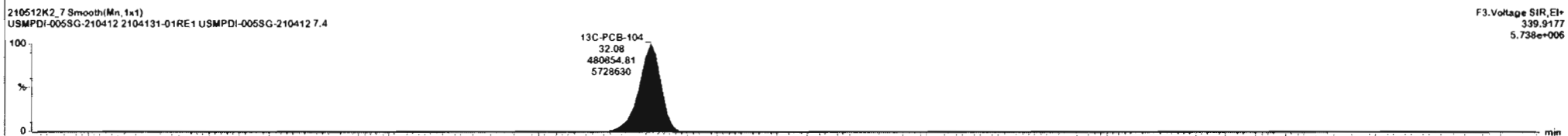
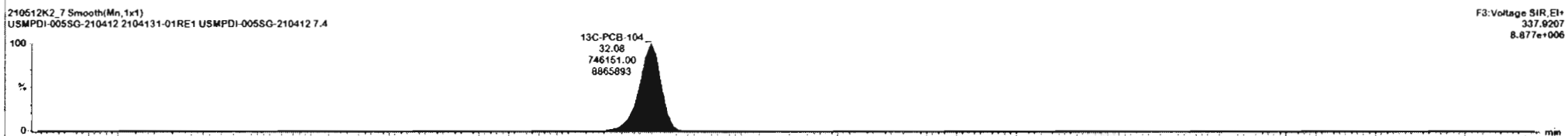
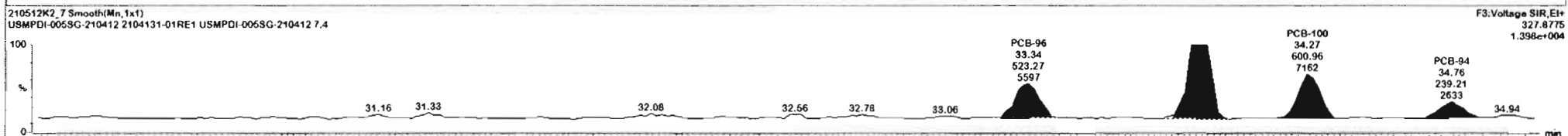
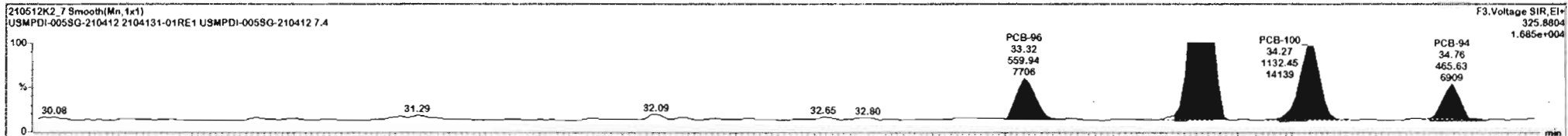
210512K2_7



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	with/ot	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.02%	32.00		32.00		NO	988.4		13.2	1010

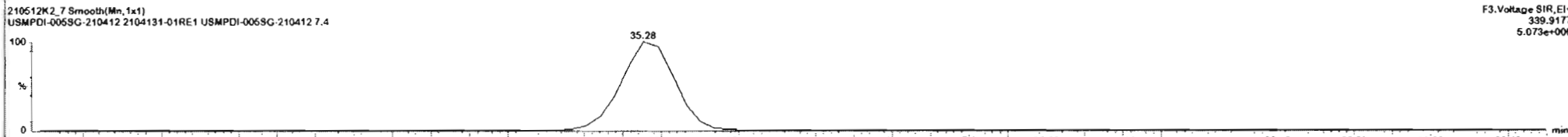
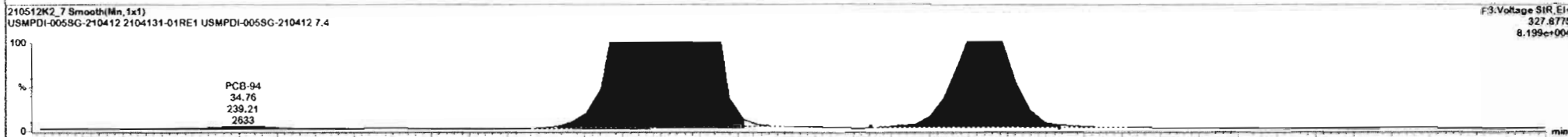
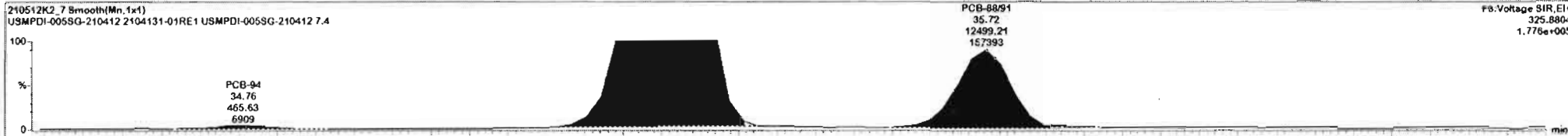
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.38	33.32	5.596e2	5.233e2	1.580	1.07	YES	1.5158	0.00000
2	65 PCB-102	33.98	33.92	3.068e3	1.311e3	1.580	2.34	YES	7.0664	0.00000
3	67 PCB-100	34.33	34.27	1.132e3	6.010e2	1.580	1.88	YES	3.0983	0.00000
4	68 PCB-94	34.74	34.76	4.656e2	2.392e2	1.580	1.95	YES	1.4227	0.00000
5	69 PCB-85/96/102	35.23	35.31	1.048e5	8.655e4	1.580	1.57	NO	369.39	309.39
6	71 PCB-88/91	35.70	35.72	1.250e4	8.318e3	1.580	1.50	NO	44.128	44.128
7	73 PCB-84/92	36.68	36.65	4.865e4	3.045e4	1.580	1.60	NO	174.34	174.34



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	6.029	0.00		0.000		NO	988.4		11.2	1010

#	Name	Pred RT	RT	m1 Resp	m2 Resp	* Ratio (Pred)	RA	n/y	EMPC	Conc
1	65 PCB-96	33.38	33.32	5.599e2	5.233e2	1.560	1.07	YES	1.5158	0.00050
2	66 PCB-103	33.98	33.82	3.088e3	1.311e3	1.580	2.34	YES	7.0664	0.00060
3	67 PCB-100	34.23	34.27	1.132e3	8.010e2	1.580	1.88	YES	3.9983	0.00060
4	68 PCB-94	34.74	34.76	4.856e2	2.392e2	1.580	1.96	YES	1.4227	0.00060
5	69 PCB-95/96/102	35.23	35.31	1.348e5	8.685e4	1.580	1.57	NO	309.39	368.39
6	71 PCB-88/91	35.76	35.72	1.250e4	8.316e2	1.580	1.50	NO	44.128	44.128
7	73 PCB-84/92	36.66	36.65	4.865e4	3.045e4	1.580	1.60	NO	174.34	174.34

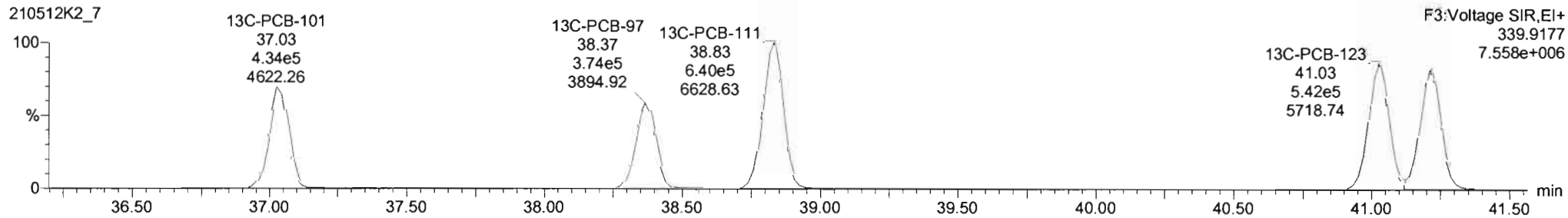
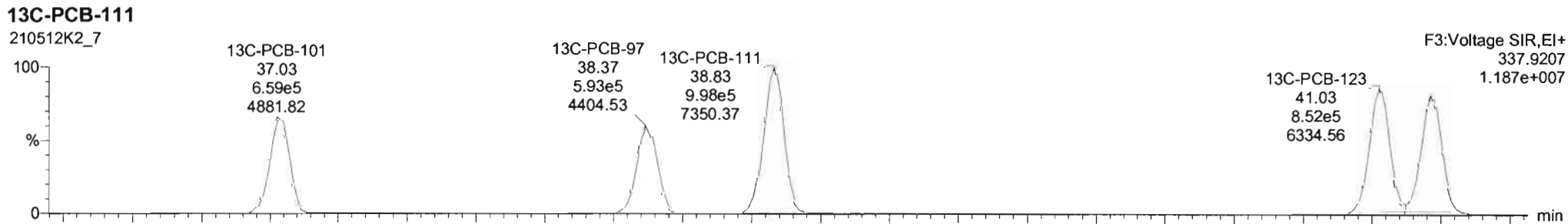
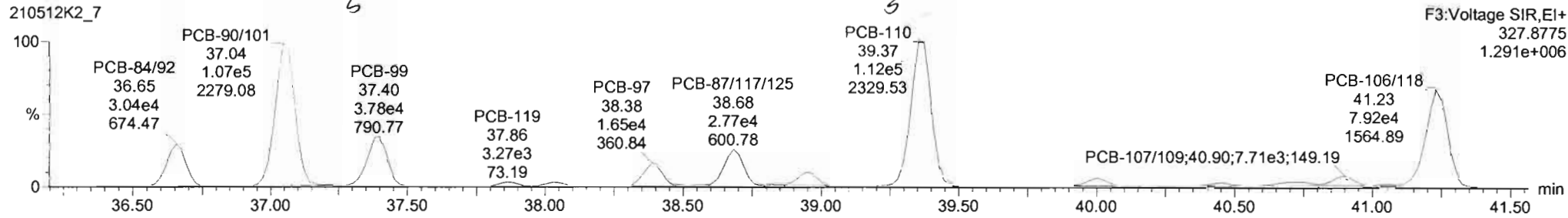
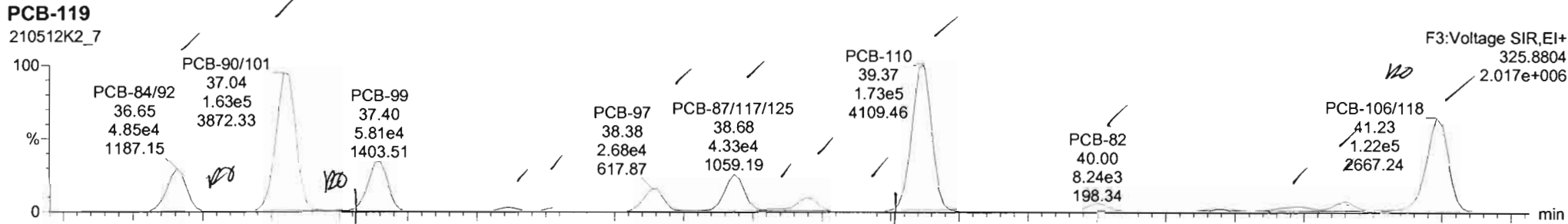


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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

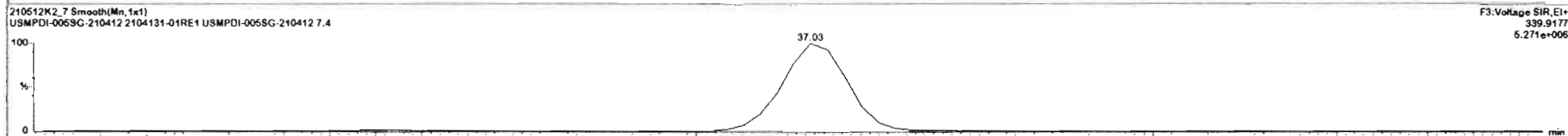
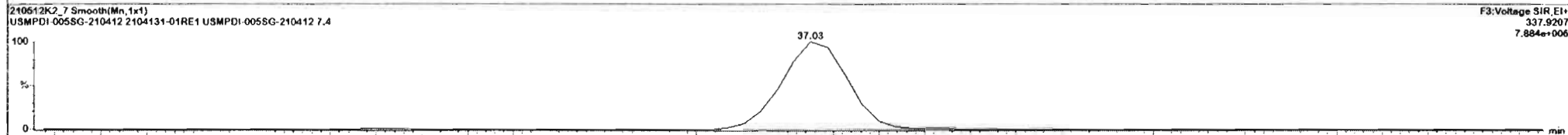
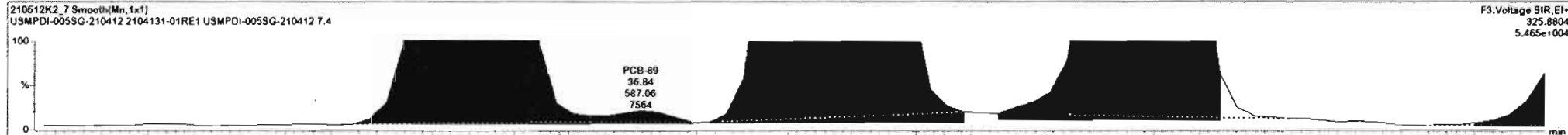
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210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	nly	RRF	wt/val	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	228	Total Tetra-PCBs			0.9910	5.029	0.00		0.000		NO	988.4		13.2	1010

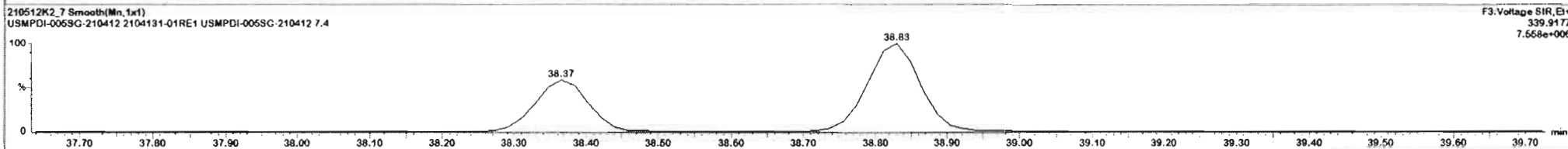
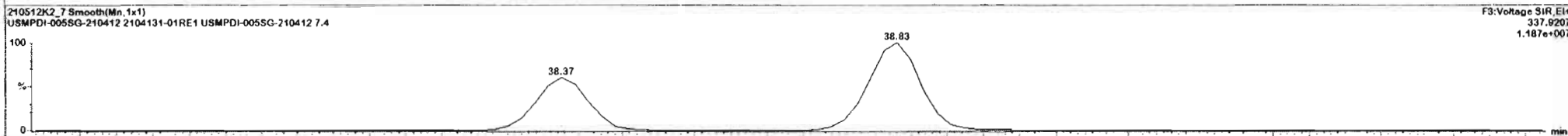
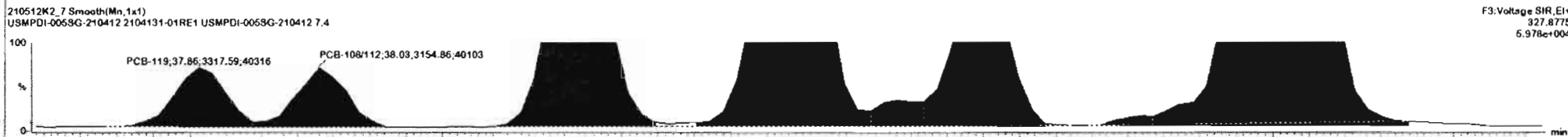
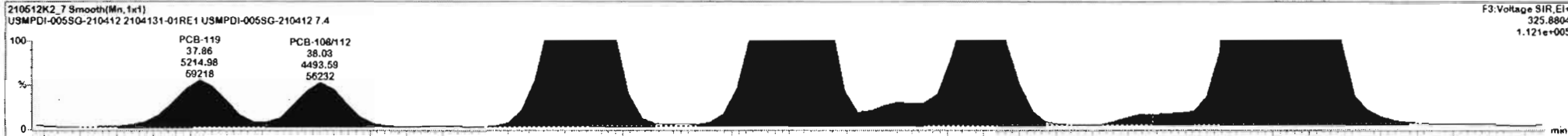
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc
1	65 PCB-96	33.38	33.32	5.996e2	5.203e2	1.560	1.07	YES	1.5158	0.00000
2	66 PCB-103	33.98	33.92	3.067e3	1.311e3	1.560	2.34	YES	7.0664	0.00000
3	67 PCB-106	34.33	34.27	1.132e3	0.010e2	1.560	1.68	YES	3.0983	0.00000
4	68 PCB-94	34.74	34.78	4.658e2	2.382e2	1.560	1.95	YES	1.4227	0.00000
5	69 PCB-95/96/102	35.21	35.31	1.048e5	6.689e4	1.560	1.57	NO	309.39	369.36
6	71 PCB-88/91	35.70	35.72	1.250e4	0.316e3	1.560	1.50	NO	44.126	44.125
7	73 PCB-84/92	36.06	36.65	4.865e4	3.045e4	1.560	1.60	NO	174.34	174.34



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

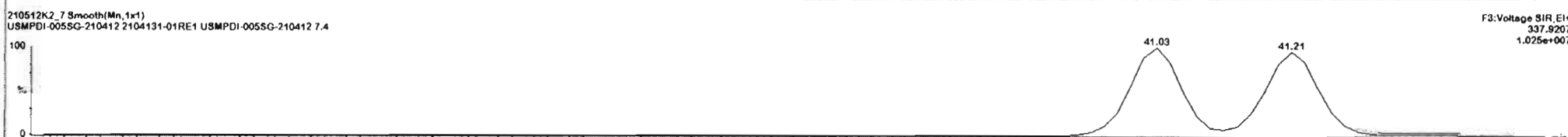
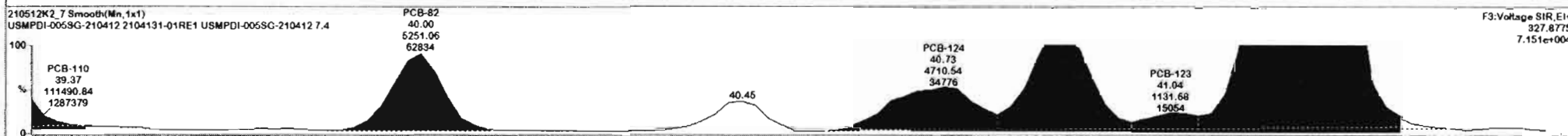
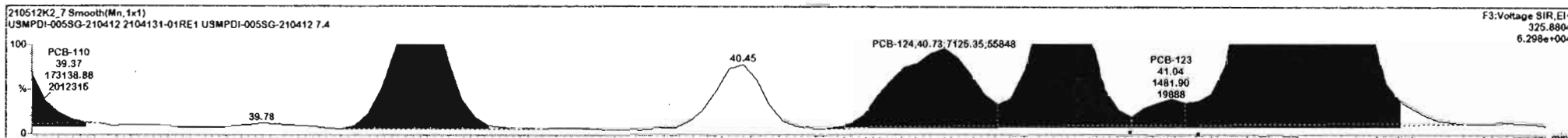
#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.029	0.00		0.000		NO	988.4		13.2	1010

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.38	33.32	5.199e2	5.231e2	1.560	1.87	YES	1.5158	0.00000
2	66 PCB-102	33.98	33.92	3.067e3	1.311e3	1.560	2.34	YES	7.0664	0.00000
3	67 PCB-100	34.33	34.27	1.132e3	6.010e2	1.560	1.88	YES	3.0983	0.00000
4	68 PCB-94	34.74	34.78	4.656e2	2.291e2	1.560	1.95	YES	1.4227	0.00000
5	69 PCB-95/96/102	35.23	35.31	1.048e5	8.889e4	1.560	1.57	NO	309.39	368.39
6	71 PCB-86/51	35.70	35.72	1.250e4	8.316e3	1.560	1.50	NO	44.128	44.128
7	73 PCB-64/52	36.56	36.55	4.065e4	3.045e4	1.560	1.60	NO	174.34	174.34



#	Name	Resp	RA	n/y	RRF	wilvol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.02%	0.00		0.000		NO	968.4		15.2	1010

#	Name	Pred RT	RT	mt Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	65 PCB-96	33.98	33.32	5.595e2	5.233e2	1.560	1.07	YES	1.5158	0.00060
2	66 PCB-103	33.98	33.92	3.087e3	1.311e3	1.560	2.34	YES	7.9654	0.00050
3	67 PCB-106	34.33	34.27	1.132e3	6.015e2	1.560	1.68	YES	3.0983	0.00060
4	68 PCB-94	34.74	34.76	4.656e2	2.392e2	1.560	1.95	YES	1.4227	0.00060
5	69 PCB-95/96/102	35.23	35.31	1.048e5	8.683e4	1.560	1.57	NO	369.39	369.39
6	71 PCB-88/91	35.70	35.72	1.250e4	8.316e3	1.560	1.50	NO	44.126	44.126
7	73 PCB-84/92	36.66	36.65	4.865e4	3.045e4	1.560	1.60	NO	174.34	174.34

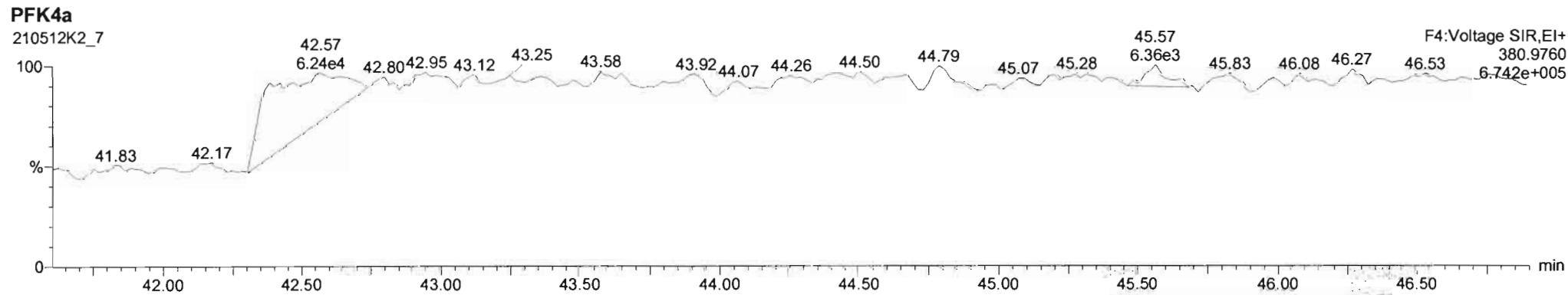
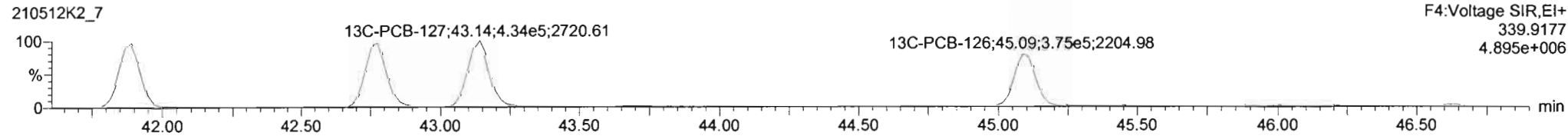
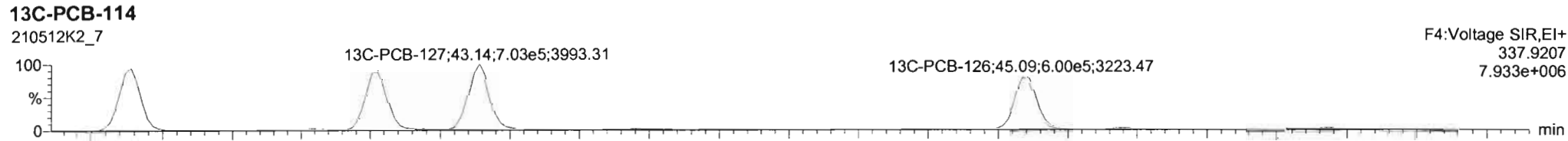
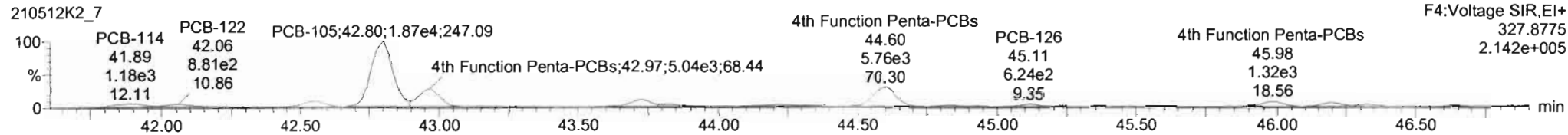
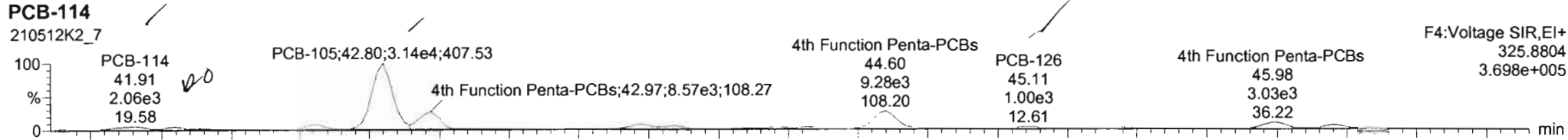


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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

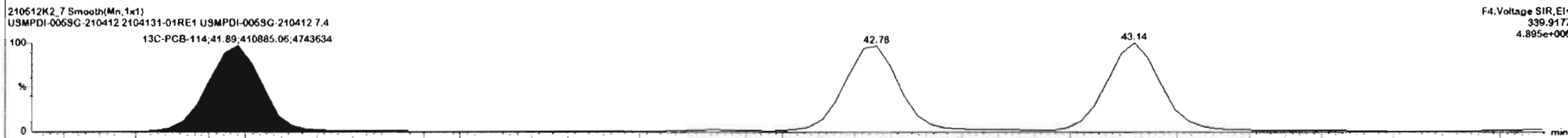
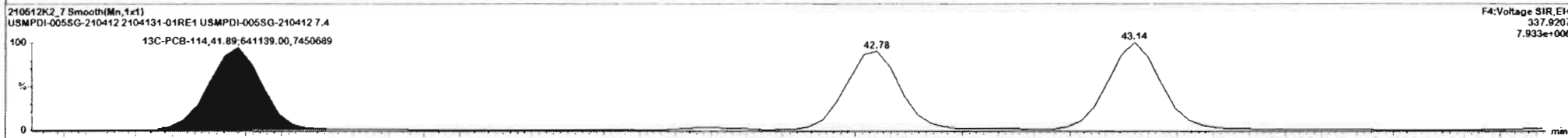
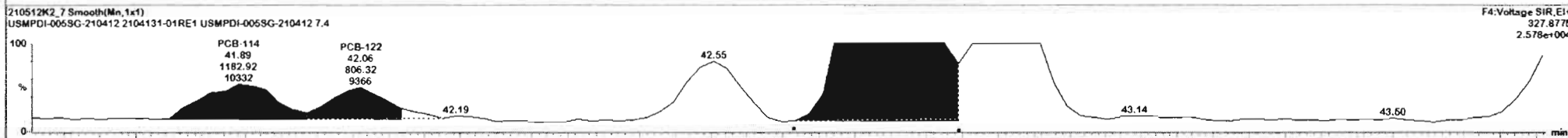
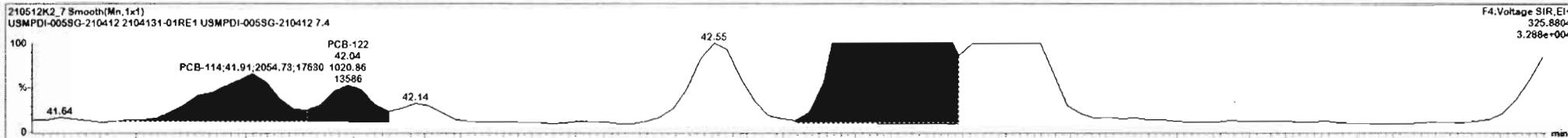
Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wbval	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230	4th Function Penta-PCBs			1.0512	5.029	0.00		0.000		NO	98.51		2.81	102.9

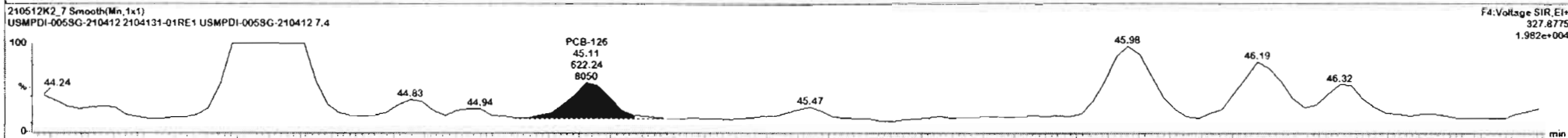
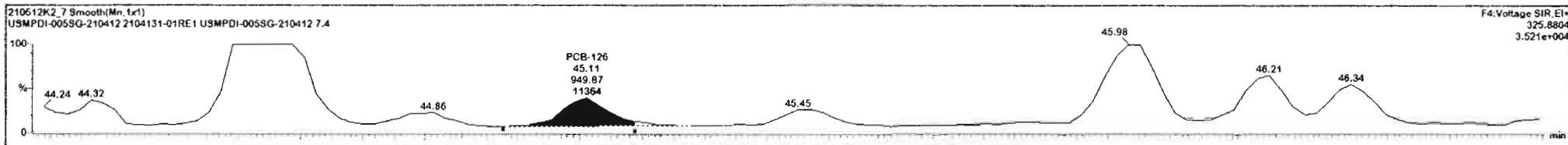
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	41.91	41.91	2.055e3	1.183e3	1.560	1.74	NO	5.8457	5.6457
2	94 PCB-122	42.08	42.04	1.021e3	8.083e2	1.560	1.27	YES	3.4039	6.00000
3	95 PCB-105	42.55	42.80	3.144e4	1.872e4	1.550	1.68	NO	91.084	91.064
4	97 PCB-126	45.11	45.11	9.499e2	6.222e2	1.560	1.53	NO	2.7849	2.7849



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wb/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	5.029	0.00		0.000		NO	98.51		2.81	102.9

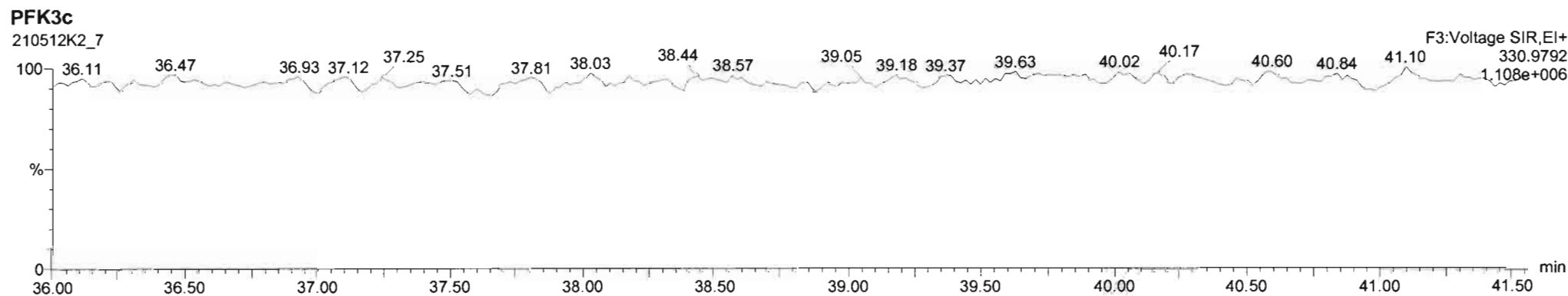
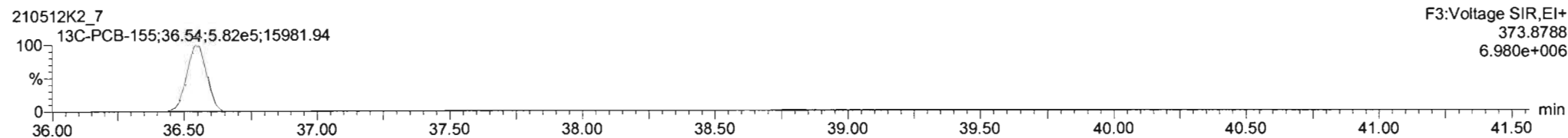
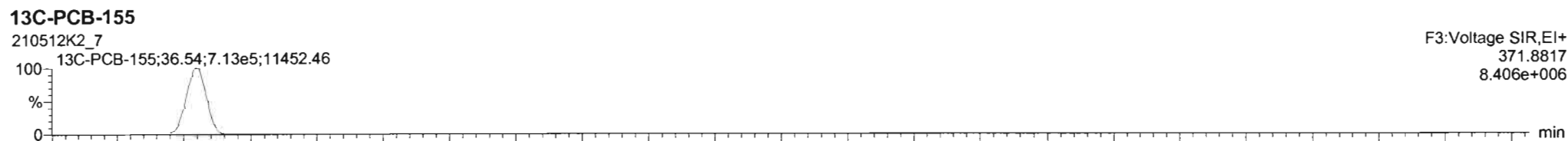
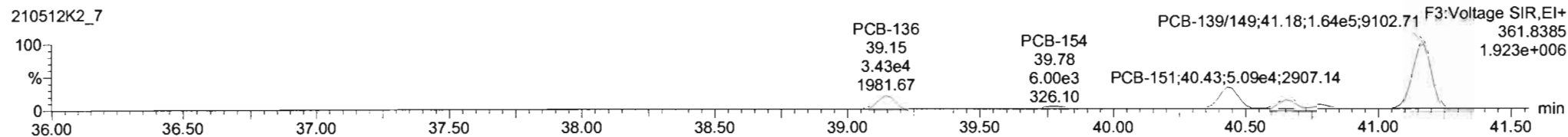
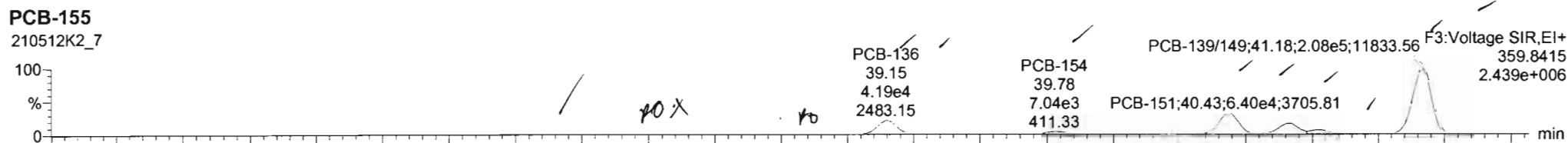
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	41.91	41.81	2.095e3	1.183e3	1.560	1.74	NO	5.8457	5.8457
2	94 PCB-122	42.06	42.04	1.021e3	8.063e2	1.560	1.27	YES	3.4039	0.00000
3	95 PCB-105	42.50	42.50	3.144e4	1.672e4	1.550	1.68	NO	91.084	91.084
4	97 PCB-126	45.11	45.11	9.499e2	6.222e2	1.560	1.53	NO	2.7849	2.7849



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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

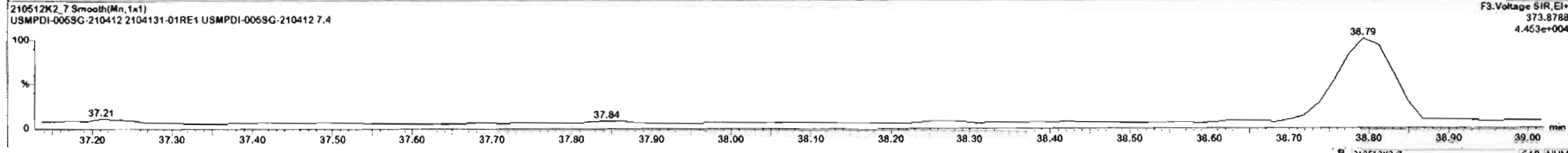
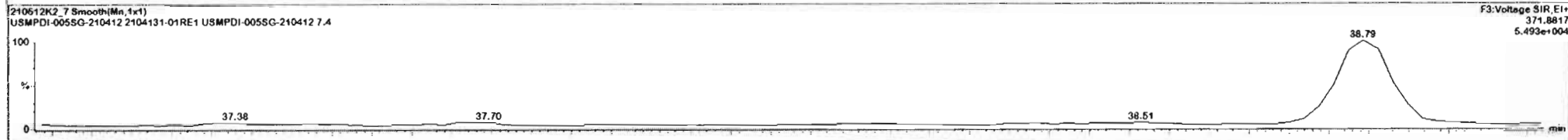
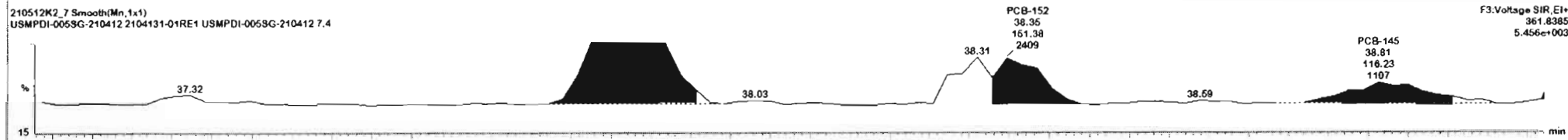
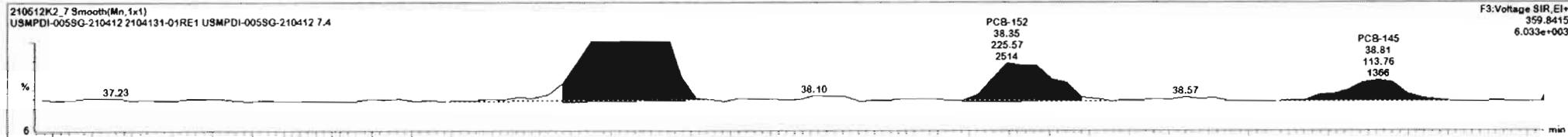
Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	Wt/Wgt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230	4th Function Penta-PCBs			1.0512	5.029	0.00		0.000		NO	99.51		2.81	152.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	99 PCB-150	37.85	37.88	9.134e2	7.146e2	1.240	1.28	NO	2.5742	2.8742
2	100 PCB-152	38.36	38.35	2.256e2	1.514e2	1.240	1.49	YES	0.51111	0.00000
3	101 PCB-145	38.62	38.81	1.138e2	1.162e2	1.240	0.98	YES	0.32090	0.00000
4	102 PCB-136	39.15	39.15	4.192e4	3.428e4	1.240	1.22	NO	132.69	132.69
5	103 PCB-148	39.26	39.28	9.670e2	1.163e3	1.240	0.86	YES	4.1453	0.00000
6	104 PCB-154	39.78	39.78	7.037e3	5.997e3	1.240	1.17	NO	27.753	27.753
7	105 PCB-151	40.43	40.43	6.397e4	5.093e4	1.240	1.26	NO	261.58	261.58

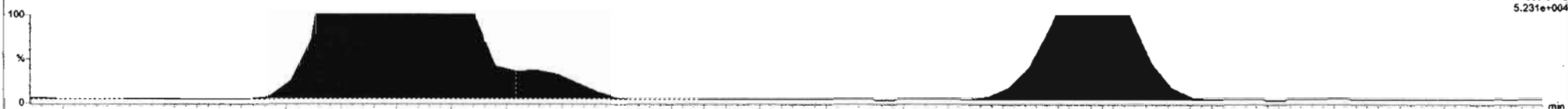


210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 USMPDI-005SG-210412

#	Name	Resp	RA	n/y	IRF	w/wt	Pred RT	RT	Pred R	RRT	RRT Fall	Conc.	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	5.029	0.00		0.000		NO	99.51		2.21	102.9

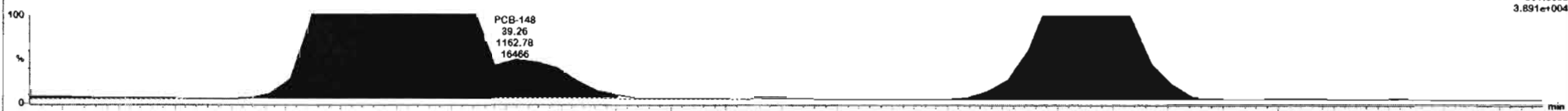
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	99 PCB-150	37.86	37.88	9.134e2	7.146e2	1.240	1.28	NO	2.8742	2.8742
2	100 PCB-152	38.38	38.35	2.256e2	1.514e2	1.240	1.49	YES	0.51111	0.00000
3	101 PCB-145	38.82	38.81	1.138e2	1.162e2	1.240	0.98	YES	0.32090	0.00000
4	102 PCB-136	39.15	39.15	4.158e4	3.429e4	1.240	1.21	NO	132.10	132.10
5	103 PCB-148	39.26	39.24	1.320e3	1.163e3	1.240	1.14	NO	5.7208	5.7208
6	104 PCB-154	39.78	39.78	7.037e3	5.997e3	1.240	1.17	NO	27.753	27.753
7	105 PCB-151	40.42	40.43	8.397e4	5.093e4	1.240	1.26	NO	261.58	261.58

210512K2_7 Smooth(Mn,1x1)
USMPDI-005SG-210412 2104131-01RE1 USMPDI-005SG-210412 7.4



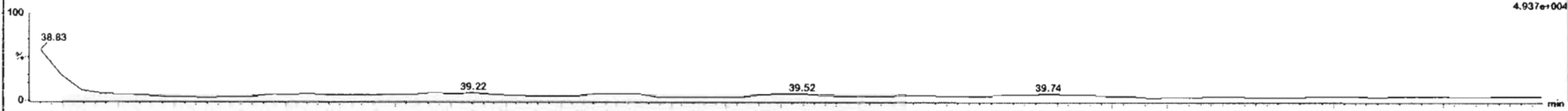
F3:Voltage SIR,EI+
359.8415
5.231e+004

210512K2_7 Smooth(Mn,1x1)
USMPDI-005SG-210412 2104131-01RE1 USMPDI-005SG-210412 7.4



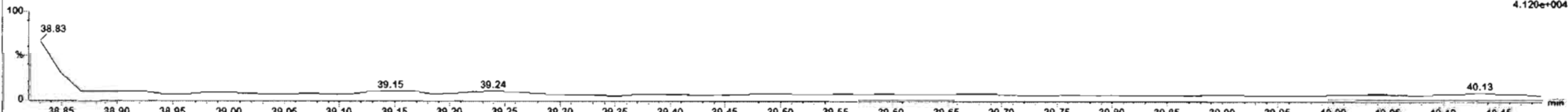
F3:Voltage SIR,EI+
361.8385
3.891e+004

210512K2_7 Smooth(Mn,1x1)
USMPDI-005SG-210412 2104131-01RE1 USMPDI-005SG-210412 7.4



F3:Voltage SIR,EI+
371.8817
4.937e+004

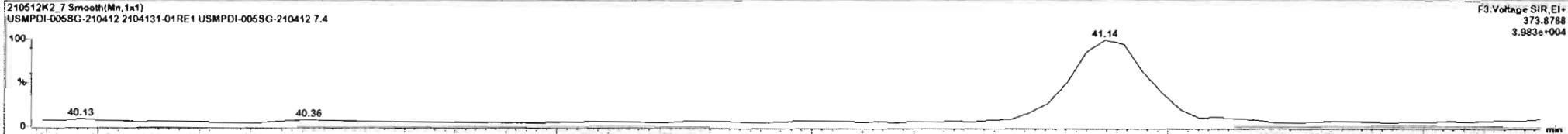
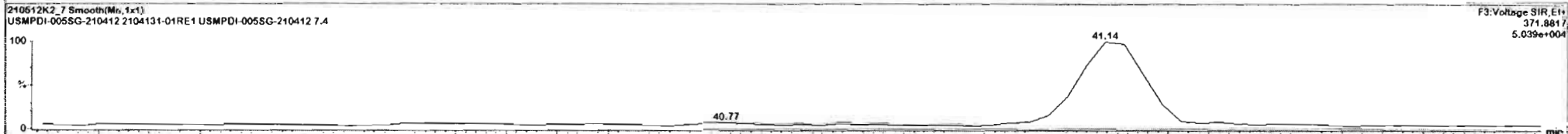
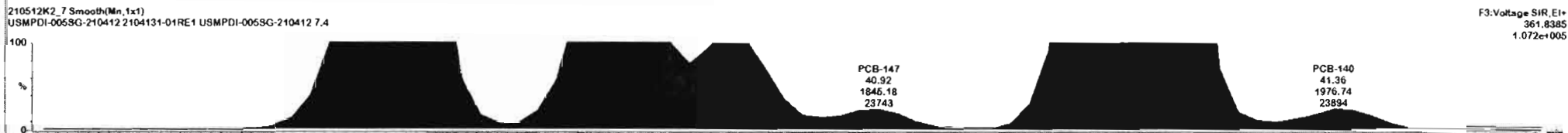
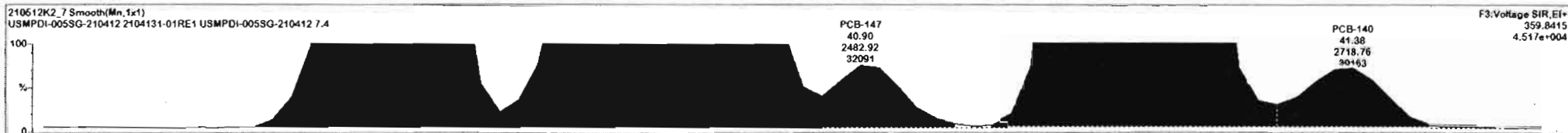
210512K2_7 Smooth(Mn,1x1)
USMPDI-006SG-210412 2104131-01RE1 USMPDI-006SG-210412 7.4



F3:Voltage SIR,EI+
373.8788
4.120e+004

#	Name	Resp	RA	n/y	RRF	w/w%	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230	4th Function Penta-PCBs			1.0512	5.02%	0.00		0.000		NO	98.51		2.81	102.9

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Reto (Pred)	RA	n/y	EMPC	Conc
1	99 PCB-150	37.86	37.86	9.13e2	7.14e2	1.240	1.28	NO	2.6742	2.6742
2	100 PCB-152	38.36	38.35	2.25e2	1.514e2	1.240	1.49	YES	0.61111	0.00000
3	101 PCB-145	38.82	38.31	1.13e2	1.162e2	1.240	0.98	YES	0.32090	0.00000
4	102 PCB-136	39.15	39.15	4.15e4	3.42e4	1.240	1.21	NO	132.10	132.10
5	103 PCB-148	39.26	39.24	1.32e3	1.103e3	1.240	1.14	NO	5.7206	5.7206
6	104 PCB-154	39.78	39.78	7.037e3	5.997e3	1.240	1.17	NO	27.753	27.753
7	105 PCB-151	40.43	40.43	6.297e4	5.093e4	1.240	1.25	NO	261.58	261.58

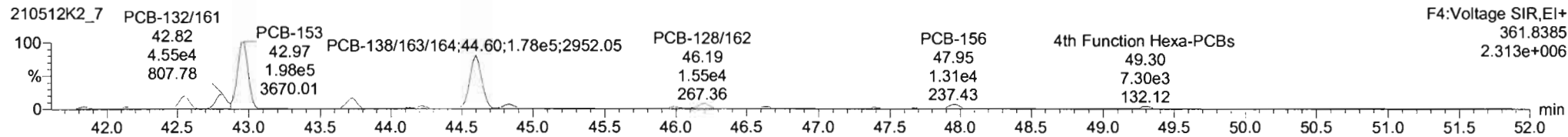
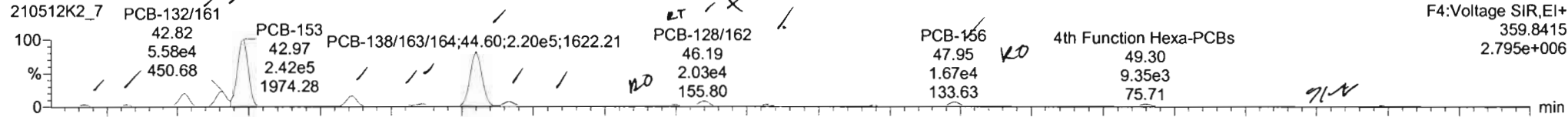


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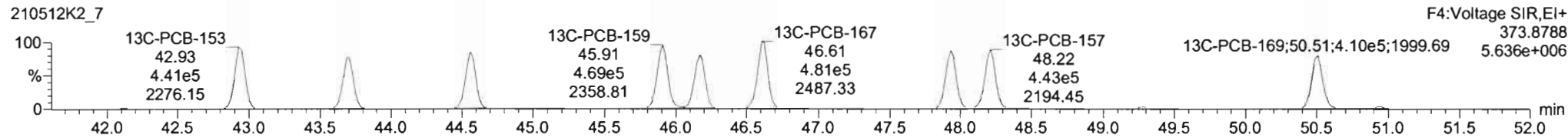
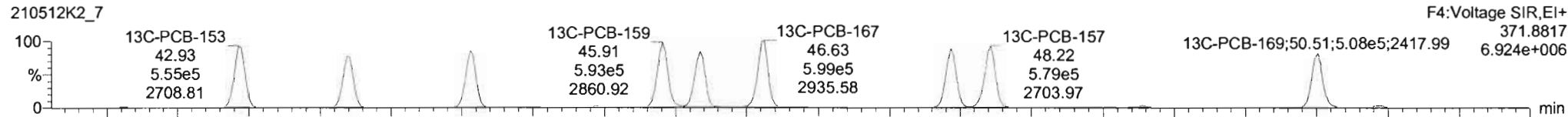
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

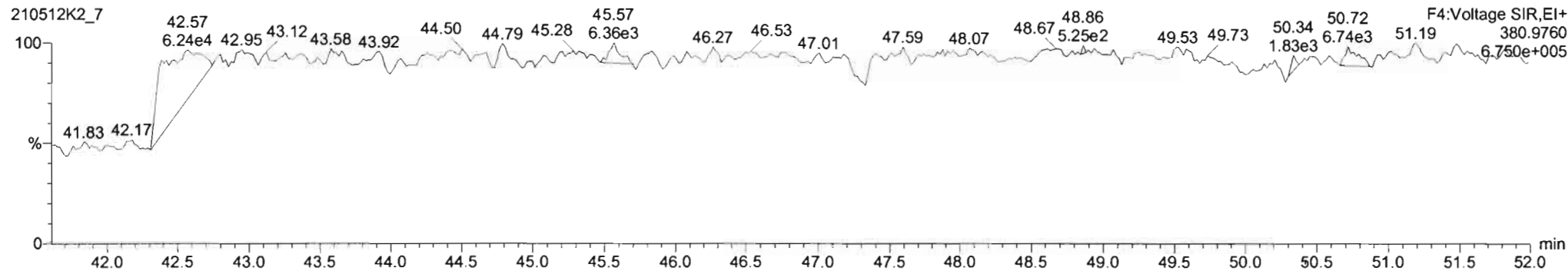
PCB-134/143



13C-PCB-153

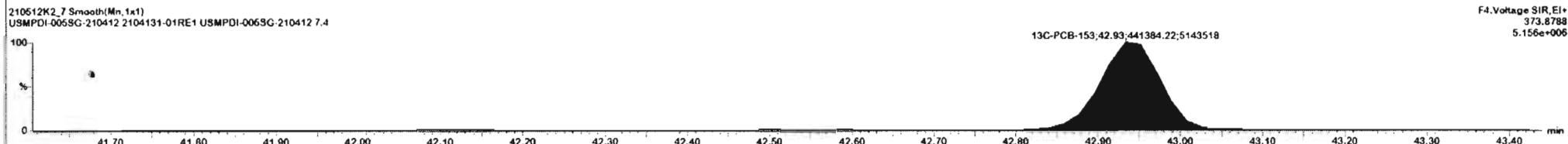
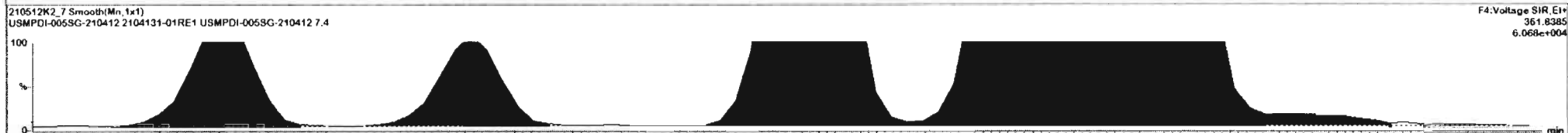
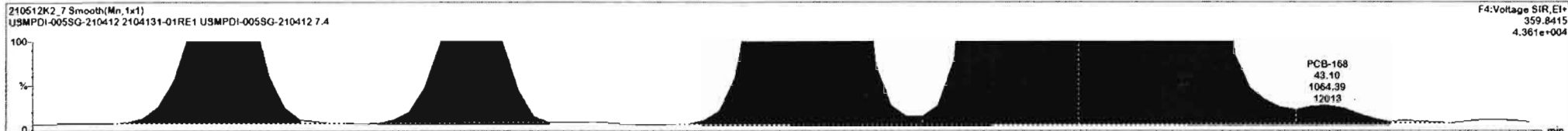


PFK4b



#	Name	Resp	RA	n/y	RRF	w/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221	3rd Function Hexa-PCBs			0.7910	5.029	0.00		0.000		NO	1360		1.83	1361

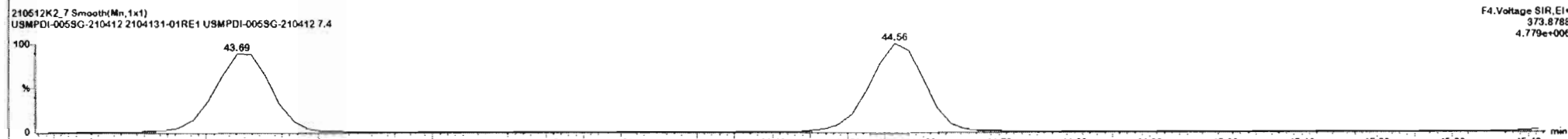
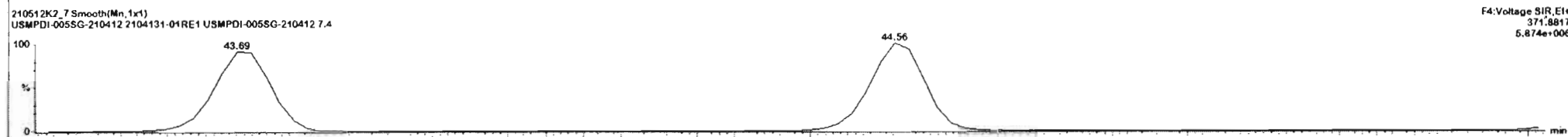
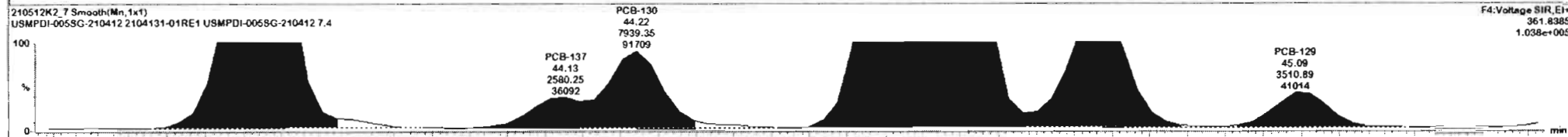
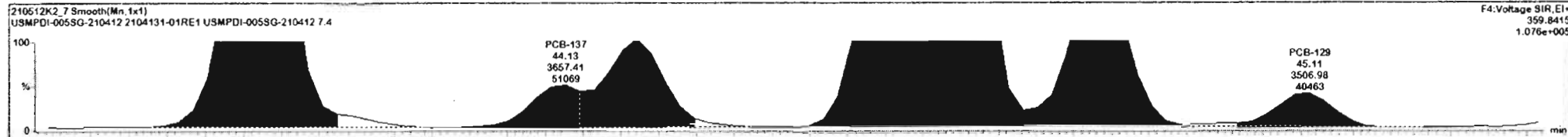
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-124/143	41.82	41.83	7.677e3	6.546e3	1.249	1.17	NO	36.539	39.539
2	112 PCB-131/133	42.14	42.14	6.476e3	5.260e3	1.240	1.22	NO	30.400	30.400
3	114 PCB-146/165	42.54	42.55	4.658e4	3.625e4	1.240	1.22	NO	179.40	179.40
4	115 PCB-132/161	42.78	42.82	5.590e4	4.548e4	1.240	1.23	NO	211.34	211.34
5	116 PCB-153	42.97	42.97	2.418e5	1.984e5	1.240	1.22	NO	867.03	867.03
6	117 PCB-168	43.18	43.10	1.064e3	9.685e2	1.240	1.10	NO	3.9191	3.9191
7	118 PCB-141	43.71	43.73	3.800e4	3.165e4	1.240	1.20	NO	176.51	176.51



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	Wt/wgt	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	0.029	0.00		0.000		NO	1360		1.23	1361

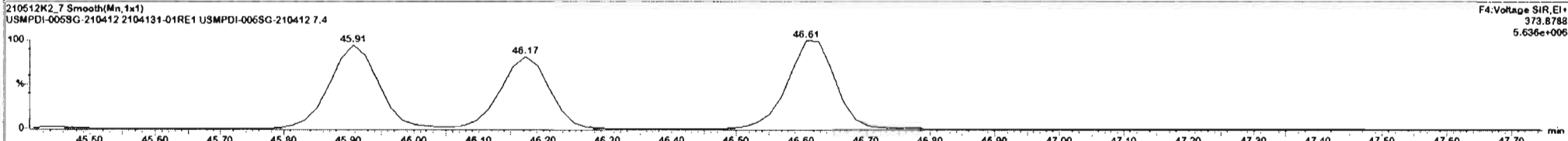
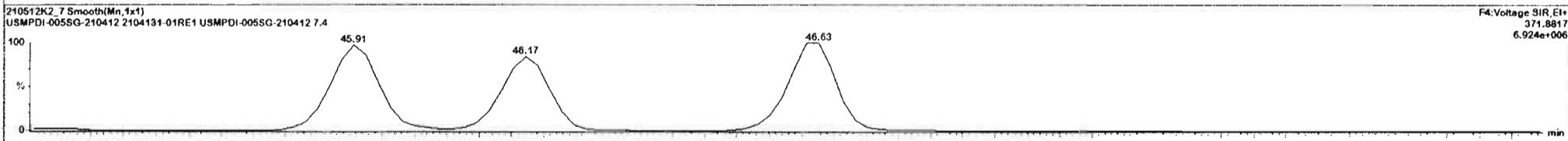
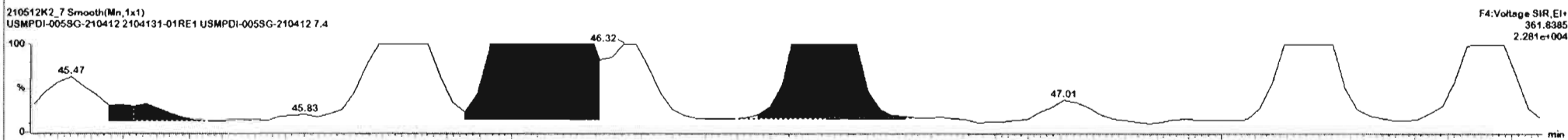
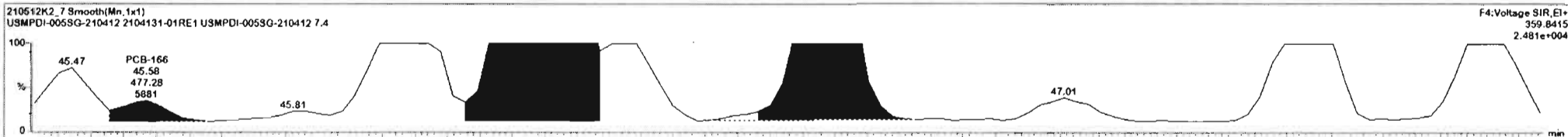
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Rate (Pred)	RA	n/y	EMPC	Conc
1	111 PCB-134/143	41.22	41.83	7.677e3	6.546e3	1.240	1.17	NO	36.539	39.539
2	112 PCB-131/133	42.14	42.14	6.475e3	5.260e3	1.240	1.22	NO	30.400	30.400
3	114 PCB-146/165	42.54	42.55	4.658e4	3.625e4	1.240	1.22	NO	179.40	179.40
4	115 PCB-132/161	42.78	42.82	5.590e4	4.548e4	1.240	1.23	NO	211.34	211.34
5	116 PCB-152	42.97	42.97	2.418e4	1.984e4	1.240	1.22	NO	887.03	887.03
6	117 PCB-168	43.18	43.10	1.064e3	9.685e2	1.240	1.10	NO	3.9191	3.9191
7	118 PCB-141	43.71	43.73	3.260e4	3.165e4	1.240	1.20	NO	176.51	176.51



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	VolVol	Pred.RT	RT	Pred.R	RRR	RRR Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	5.929	0.00		0.000		NO	1.360		1.23	1361

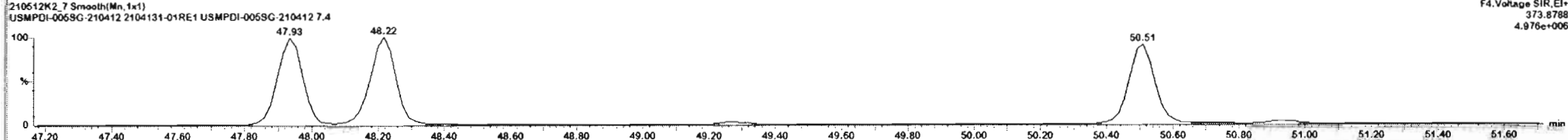
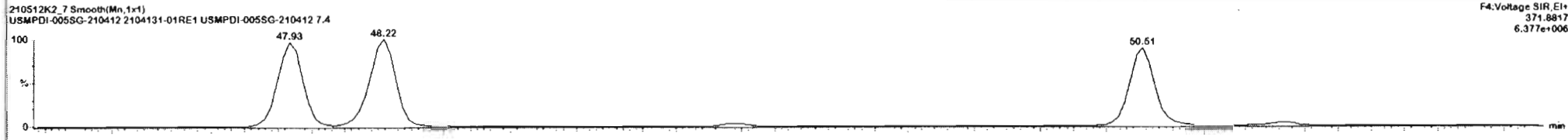
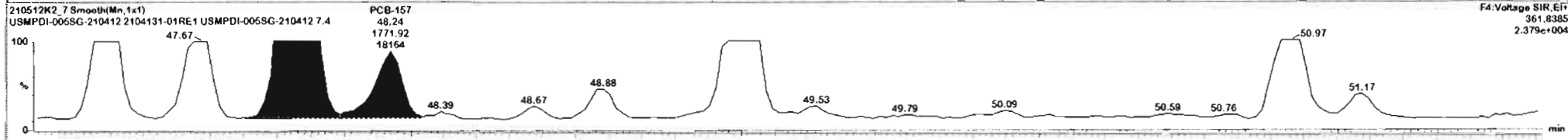
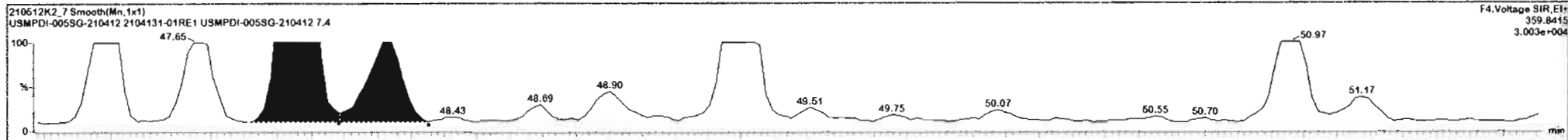
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	S* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	41.82	41.83	7.677e3	8.546e3	1.240	1.17	NO	39.539	39.539
2	112 PCB-131/133	42.14	42.14	6.436e3	5.269e3	1.240	1.22	NO	30.400	30.400
3	114 PCB-146/165	42.54	42.55	4.658e4	3.625e4	1.240	1.22	NO	179.40	179.40
4	115 PCB-132/161	42.78	42.82	5.590e4	4.548e4	1.240	1.23	NO	211.34	211.34
5	116 PCB-153	42.97	42.97	2.418e6	1.984e5	1.240	1.22	NO	887.03	887.03
6	117 PCB-168	43.18	43.10	1.964e3	9.685e2	1.240	1.10	NO	3.9191	3.9191
7	118 PCB-141	43.71	43.73	3.800e4	3.165e4	1.240	1.20	NO	176.51	176.51



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	5.025	0.00		0.000		NO	1360		1.83	1361

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	111 PCB-134/143	41.82	41.82	7.577e2	6.545e3	1.249	1.17	NO	39.539	39.539
2	112 PCB-131/133	42.14	42.14	8.436e3	5.200e3	1.249	1.22	NO	30.400	30.400
3	114 PCB-146/165	47.54	47.55	4.656e4	3.625e4	1.249	1.22	NO	179.40	179.40
4	115 PCB-132/161	42.78	42.82	5.580e4	4.543e4	1.249	1.23	NO	211.34	211.34
5	116 PCB-153	42.97	42.97	2.418e5	1.984e5	1.249	1.22	NO	867.03	867.03
6	117 PCB-169	43.18	43.10	1.064e3	9.654e2	1.249	1.10	NO	3.9191	3.9191
7	118 PCB-141	43.71	43.72	3.800e4	3.165e4	1.249	1.20	NO	176.51	176.51

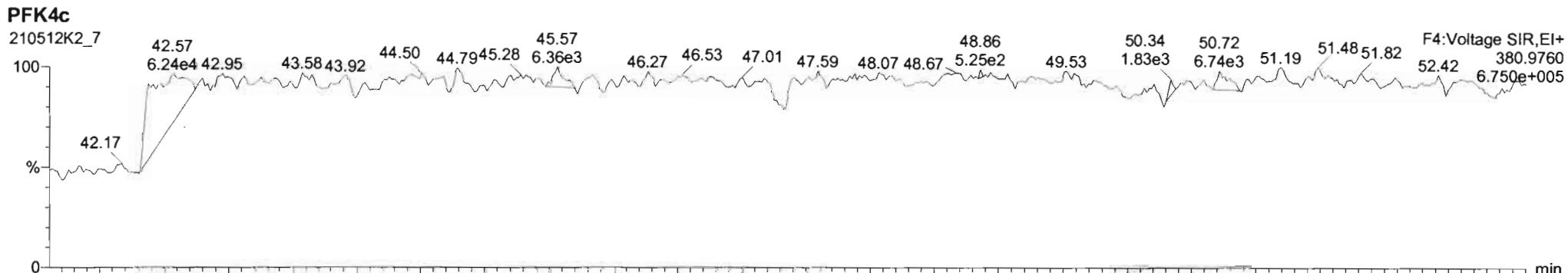
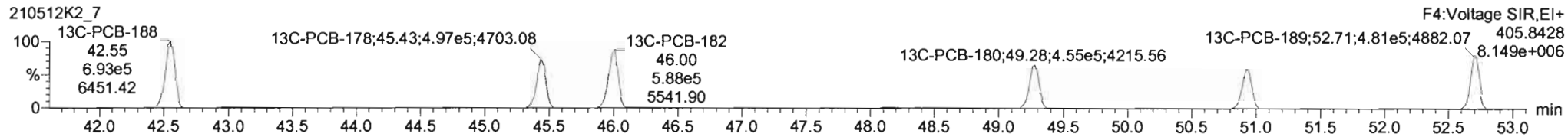
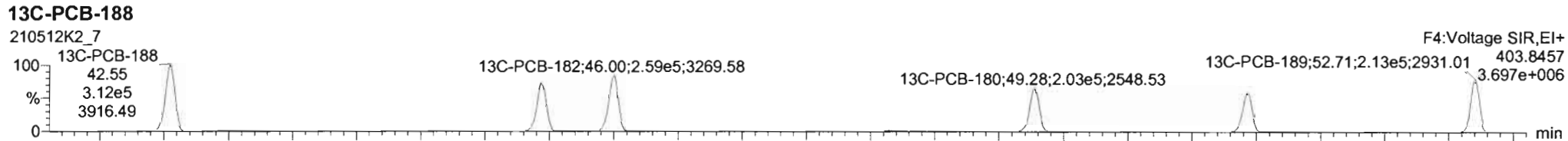
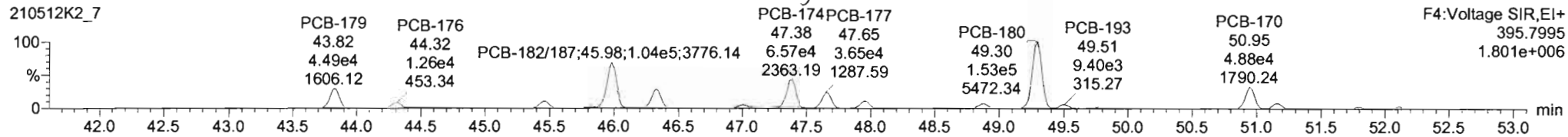
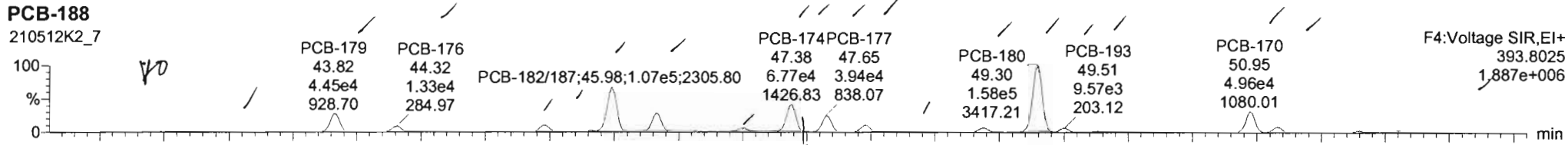


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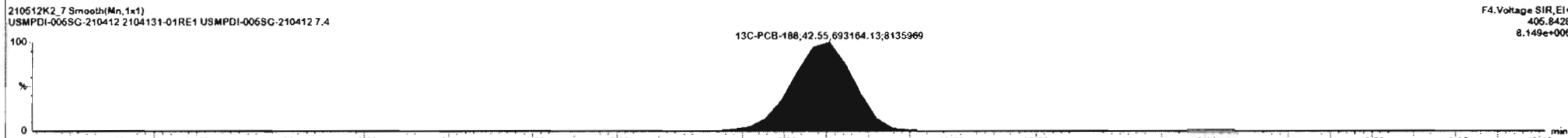
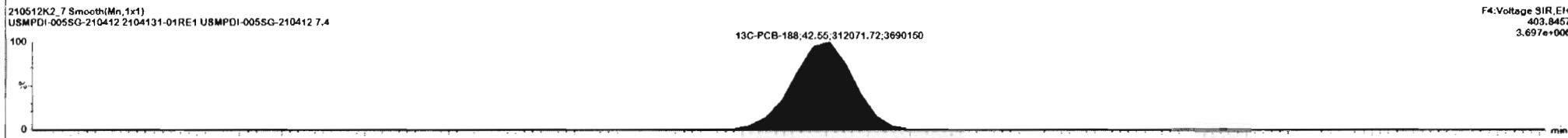
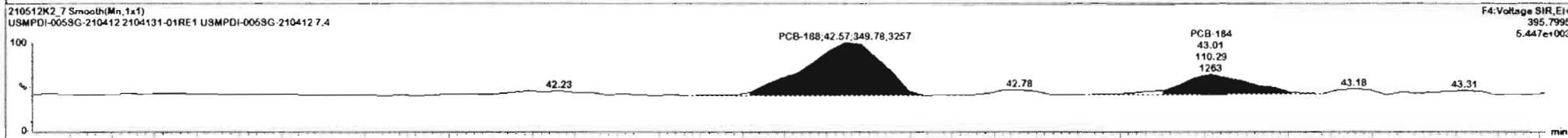
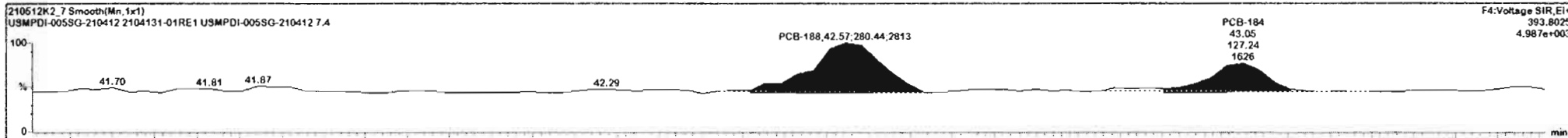
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



#	Name	Resp	RA	nly	RRF	wsvol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.029	0.06		0.000		NO	2753		7.49	2754

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	131 PCB-188	42.53	42.57	2.804e2	3.498e2	1.050	0.80	YES	0.94188	0.60000
2	132 PCB-184	43.03	43.05	1.272e2	1.103e2	1.050	1.15	NO	0.41221	0.41221
3	133 PCB-179	43.33	43.82	4.445e4	4.492e4	1.050	0.99	NO	164.52	164.52
4	134 PCB-175	44.32	44.31	1.330e4	1.258e4	1.050	1.06	NO	46.002	46.002
5	135 PCB-178	45.47	45.45	1.645e4	1.594e4	1.050	1.03	NO	77.203	77.203
6	137 PCB-175	45.83	45.81	2.928e3	3.242e3	1.050	0.90	NO	14.311	14.311
7	138 PCB-162/187	46.01	45.98	1.073e5	1.041e5	1.050	1.03	NO	443.58	443.98



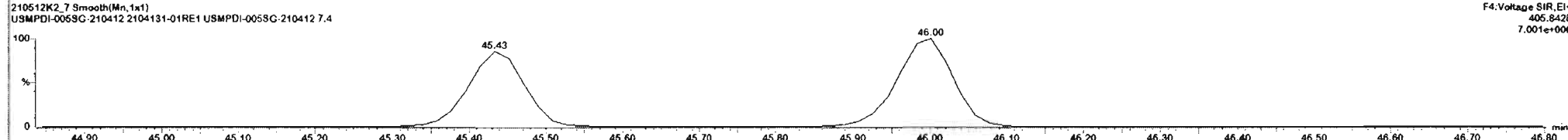
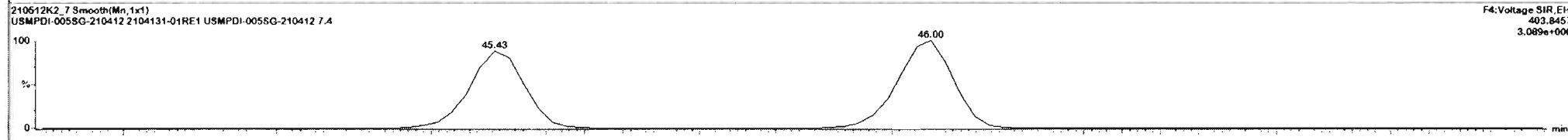
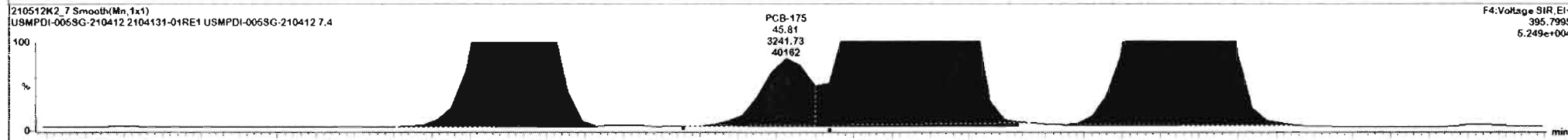
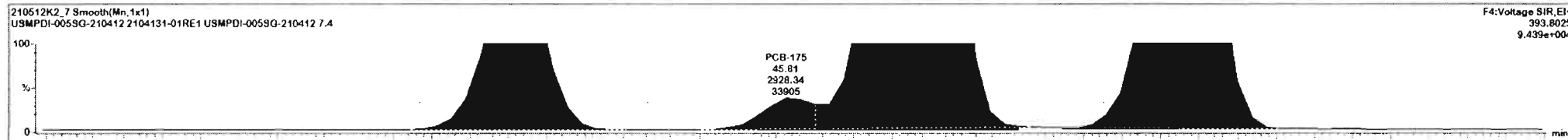
Ready 41.70 41.80 41.90 42.00 42.10 42.20 42.30 42.40 42.50 42.60 42.70 42.80 42.90 43.00 43.10 43.20 43.30 43.40



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R.L.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233	Total Hepta-PCBs			1.2043	5.029	0.00		0.000		NO	2753		7.49	2754

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
15	146 PCB-172	48.88	48.88	9.755e3	1.074e4	1.050	0.94	NO	48.268	48.268
16	148 PCB-180	49.30	49.30	1.564e5	1.525e5	1.050	1.04	NO	722.56	722.56
17	149 PCB-153	49.51	49.51	9.571e3	9.297e3	1.050	1.03	NO	38.727	38.727
18	150 PCB-191	49.77	49.75	2.430e3	2.364e3	1.050	1.03	NO	9.8149	9.8149
19	151 PCB-170	50.95	50.95	4.537e4	4.577e4	1.050	1.01	NO	271.36	271.36
20	152 PCB-150	51.15	51.15	1.234e4	1.195e4	1.050	1.03	NO	51.438	51.438
21	153 PCB-169	52.73	52.71	2.233e3	2.152e3	1.050	1.04	NO	9.8862	9.8862



Ready 44.90 45.00 45.10 45.20 45.30 45.40 45.50 45.60 45.70 45.80 45.90 46.00 46.10 46.20 46.30 46.40 46.50 46.60 46.70 46.80

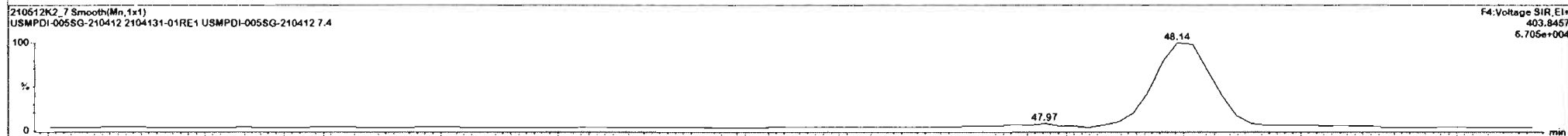
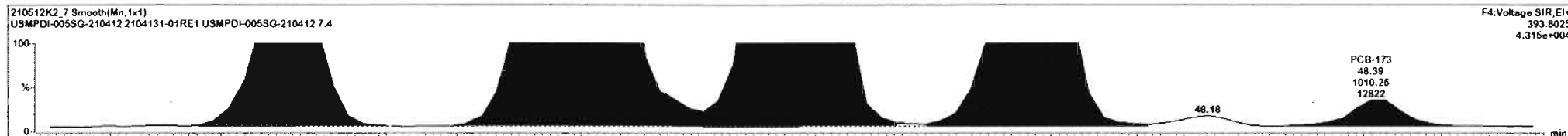
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CAP NUM

210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.029	0.00		0.000		NO	2753		7.48	2754

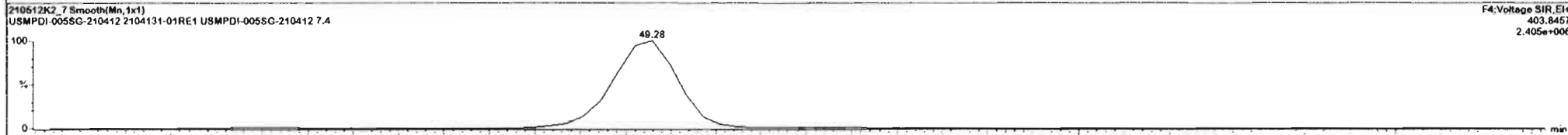
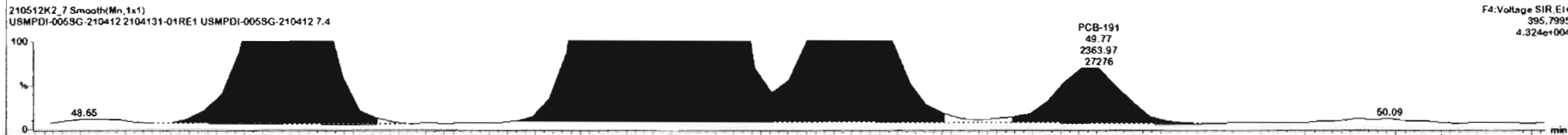
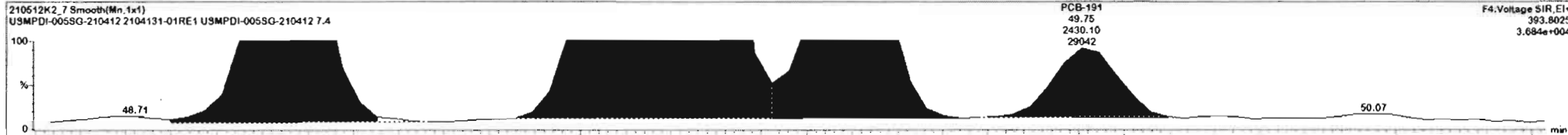
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
15	146 PCB-172	48.88	48.88	9.755e3	1.034e4	1.050	9.94	NO	48.268	48.268
16	148 PCB-180	49.30	49.30	1.584e5	1.529e5	1.050	1.04	NO	722.58	722.56
17	149 PCB-193	49.51	49.51	9.571e3	9.297e3	1.050	1.03	NO	38.727	38.727
18	150 PCB-191	49.77	49.75	2.430e3	2.364e3	1.050	1.02	NO	9.5149	9.5149
19	151 PCB-170	50.95	50.95	4.537e4	4.677e4	1.050	1.01	NO	271.36	271.36
20	152 PCB-190	51.15	51.15	1.234e4	1.199e4	1.050	1.03	NO	51.438	51.438
21	153 PCB-188	52.73	52.71	2.233e3	2.152e3	1.050	1.04	NO	9.8882	9.6582



210512K2_7 - 2104131-01RE1 USMPDI-005SG-210412 7.4 - USMPDI-005SG-210412

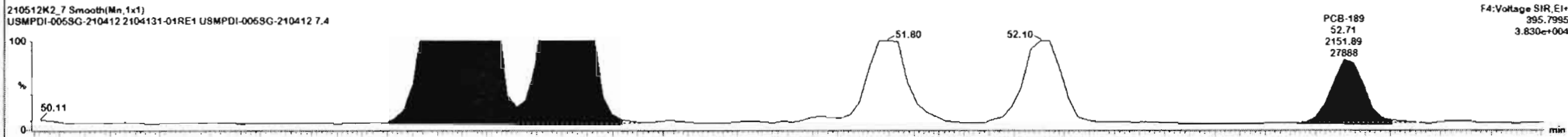
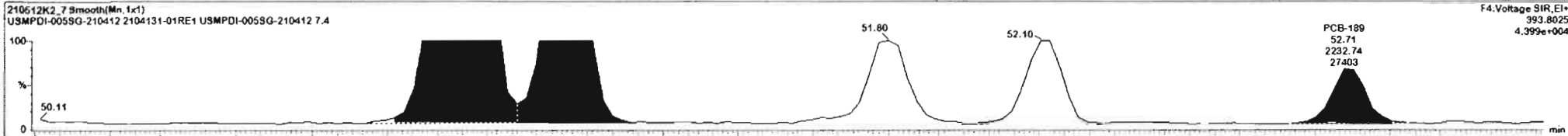
#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233	Total Hepta-PCBs			1.2043	5.029	0.00		0.000		NO	2753		7.49	2754

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
15	146 PCB-172	48.88	48.88	9.755e3	1.034e4	1.050	0.94	NO	48.263	48.268
16	148 PCB-180	49.30	49.30	1.584e5	1.529e5	1.050	1.04	NO	722.56	722.56
17	149 PCB-193	48.51	48.51	9.571e3	9.297e3	1.050	1.03	NO	36.727	36.727
18	150 PCB-191	49.77	49.75	2.450e3	2.364e3	1.050	1.03	NO	9.5149	9.5149
19	151 PCB-170	50.85	50.95	4.537e4	4.677e4	1.050	1.01	NO	271.36	271.36
20	152 PCB-190	51.15	51.15	1.234e4	1.195e4	1.050	1.03	NO	51.436	51.438
21	153 PCB-189	52.73	52.71	2.253e3	2.152e3	1.050	1.04	NO	9.3852	9.3862



#	Name	Resp	RA	n/y	RRF	wS/vcl	Pred RT	RT	Pred.R	RRT	RRT Fall	Conc.	NRec	DL	EMPC
233	233 Total Hepta-PCBs				1.2943	5.929	0.00		0.000		NO	2753		7.49	2754

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
15	146 PCB-172	48.88	48.88	9.755e3	1.034e4	1.050	0.94	NO	48.263	48.268
16	148 PCB-160	49.30	49.30	1.584e5	1.529e5	1.050	1.04	NO	722.56	722.56
17	148 PCB-192	49.51	49.51	9.571e3	9.297e3	1.050	1.03	NO	38.727	38.727
18	150 PCB-191	49.77	49.75	2.430e3	2.364e3	1.050	1.03	NO	9.6149	9.6149
19	151 PCB-170	50.55	50.95	4.937e4	4.877e4	1.050	1.01	NO	271.36	271.36
20	152 PCB-190	51.15	51.15	1.214e4	1.199e4	1.050	1.03	NO	51.438	51.438
21	153 PCB-169	52.73	52.71	2.230e3	2.152e3	1.050	1.04	NO	9.8582	9.8582

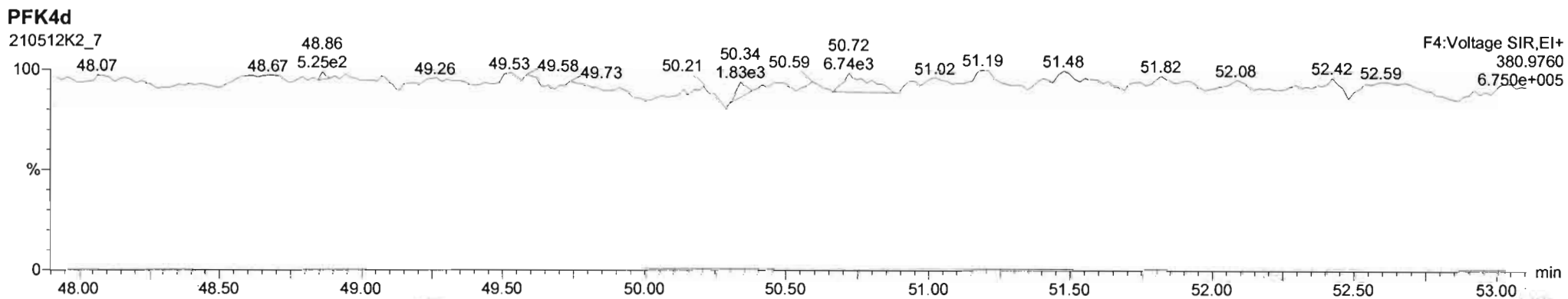
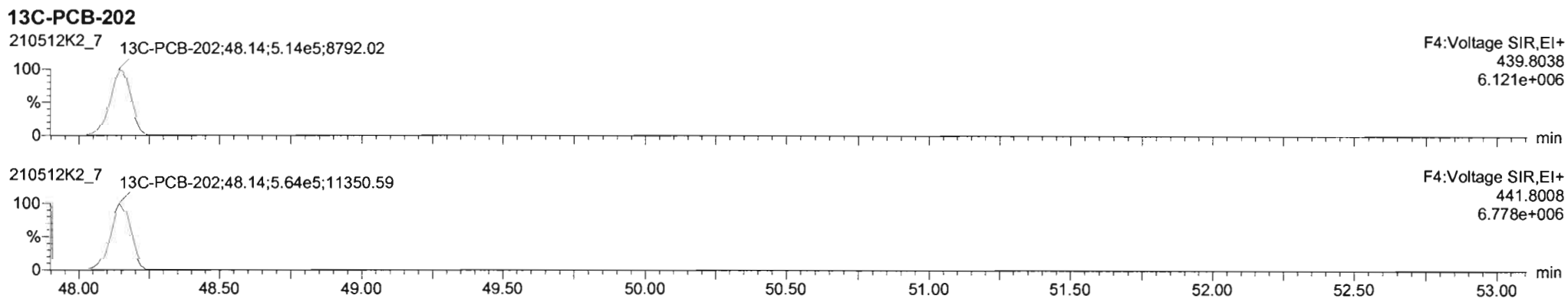
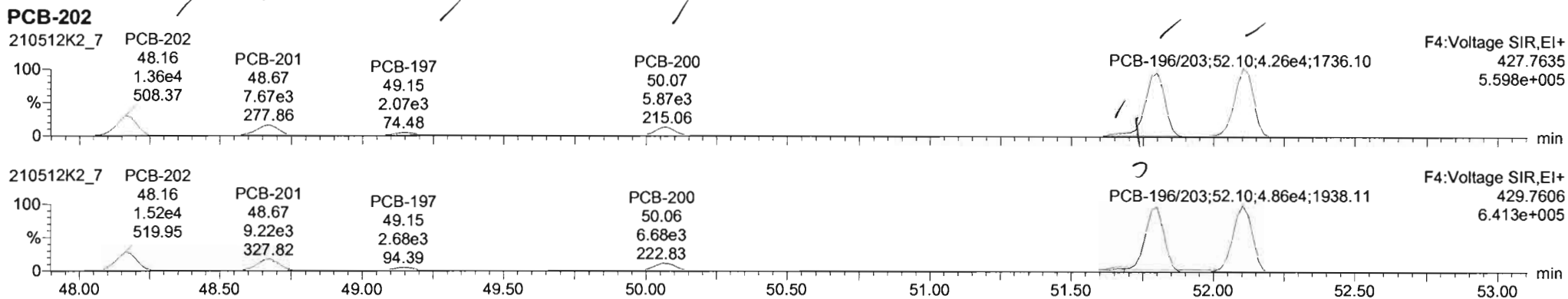


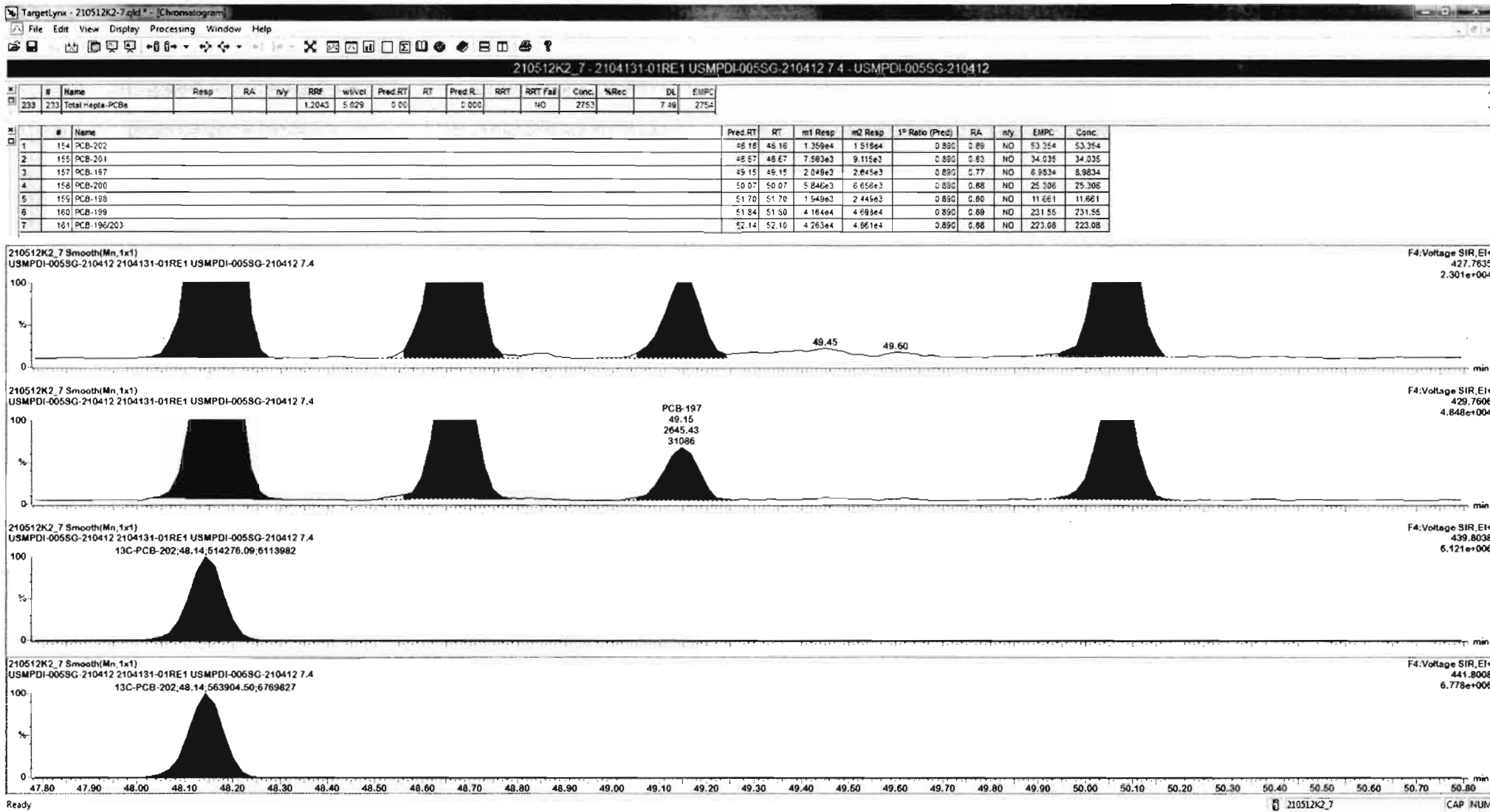
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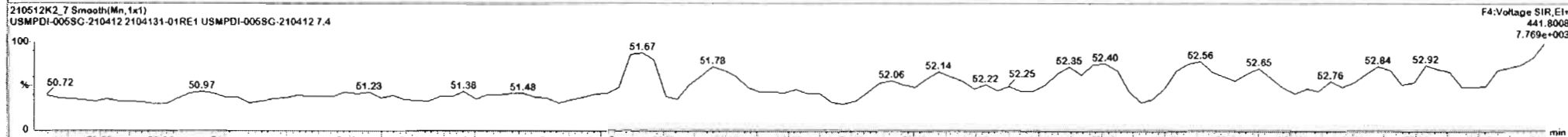
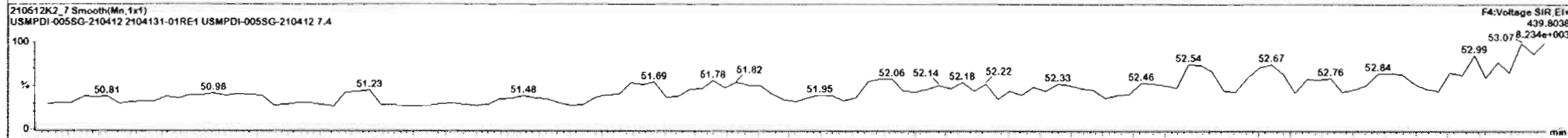
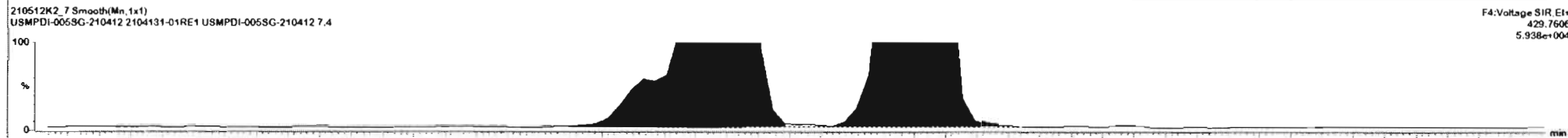
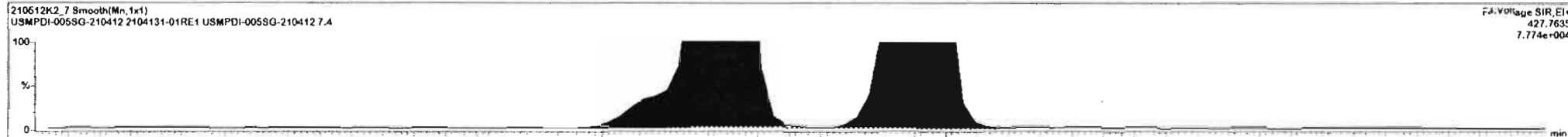
Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412





#	Name	Resp	RA	n/y	RF	w/w	Pred RT	RT	Pred RL	RRT	RRT Fail	Conc	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.029	0.00		0.000		NO	2753		7.46	2754

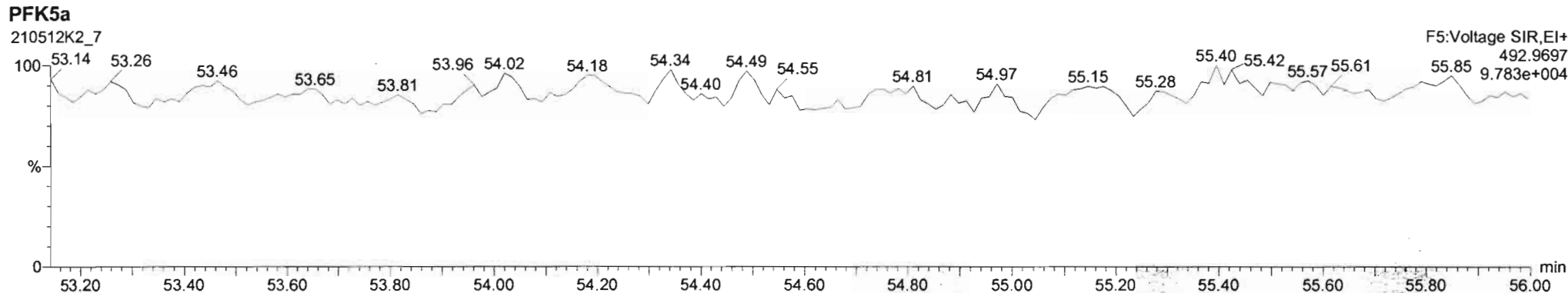
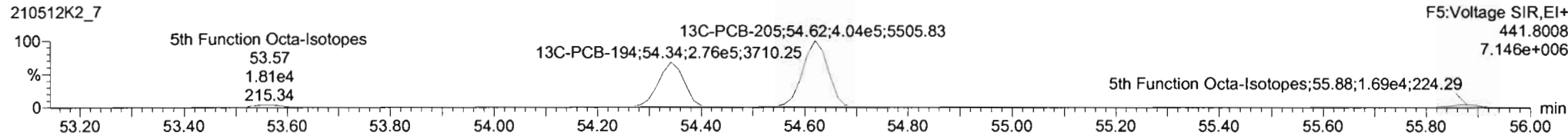
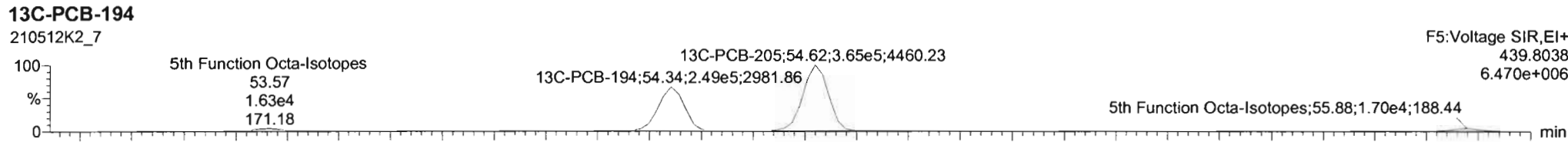
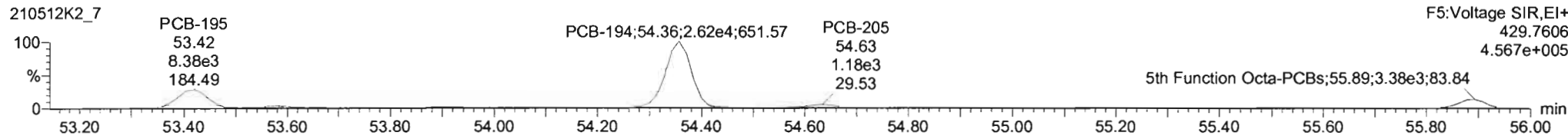
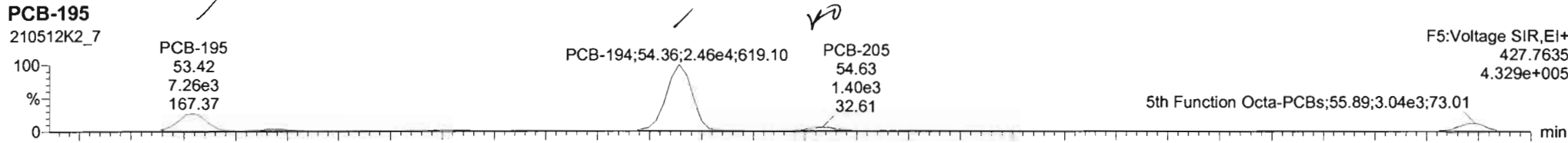
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	154 PCB-202	48.18	48.16	1.269e4	1.518e4	0.890	0.89	NO	53.354	53.354
2	155 PCB-201	48.57	48.57	7.583e3	9.115e3	0.890	0.83	NO	34.038	34.038
3	157 PCB-197	49.15	49.15	2.046e3	2.645e3	0.890	0.77	NO	8.8534	8.8834
4	158 PCB-200	50.07	50.07	5.846e3	6.656e3	0.890	0.88	NO	25.308	25.308
5	159 PCB-198	51.70	51.70	1.545e2	2.449e2	0.890	0.80	NO	11.861	11.861
6	160 PCB-199	51.84	51.80	4.164e4	4.698e4	0.890	0.89	NO	231.55	231.55
7	161 PCB-196/203	52.14	52.10	4.263e4	4.861e4	0.890	0.88	NO	223.05	223.08



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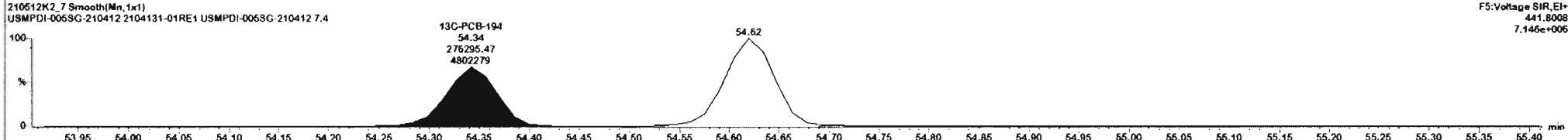
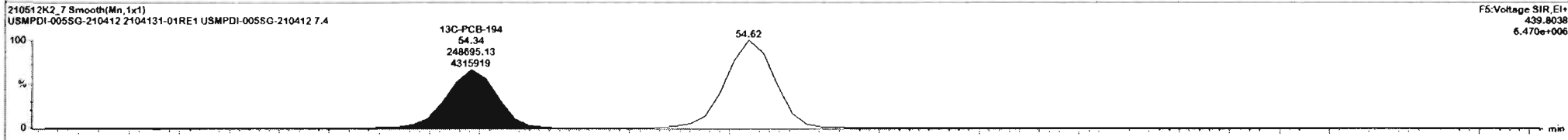
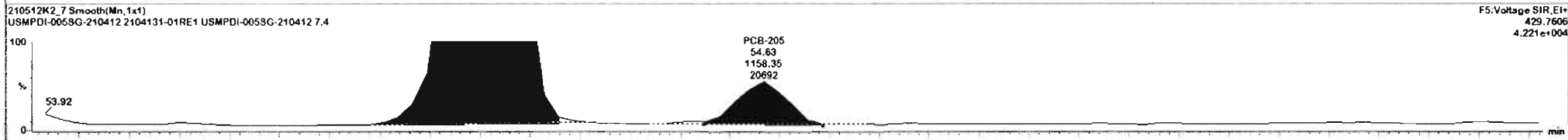
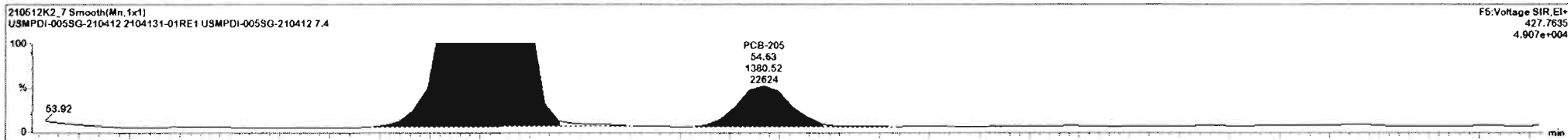
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Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
235	5m Function Octa-PCBe				1.0957	5.029	0.68		0.698		NO	243.3		1.68	249.9

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-136	53.41	53.42	7.262e3	8.380e3	0.890	0.87	NO	61.896	61.896
2	183 PCB-194	54.36	54.36	2.457e4	2.624e4	0.890	0.94	NO	181.42	181.42
3	184 PCB-205	54.61	54.63	1.361e3	1.158e3	0.890	1.19	YES	6.5339	0.00002



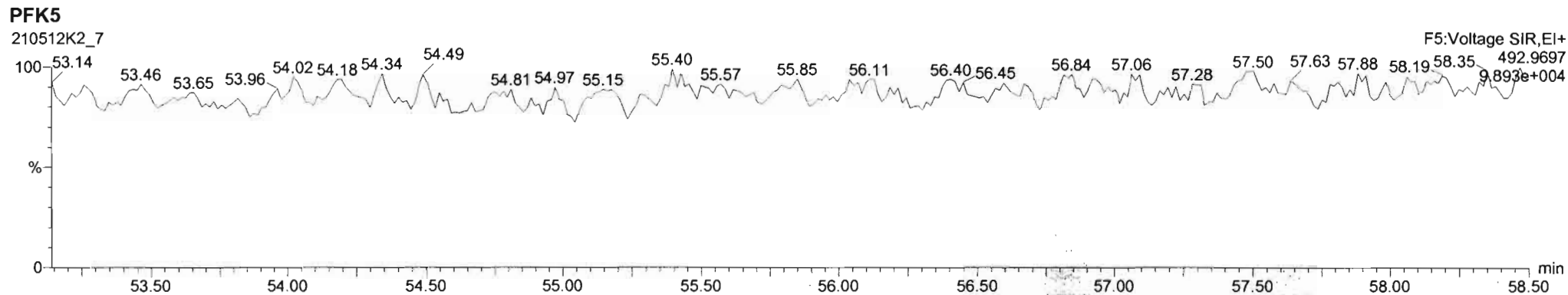
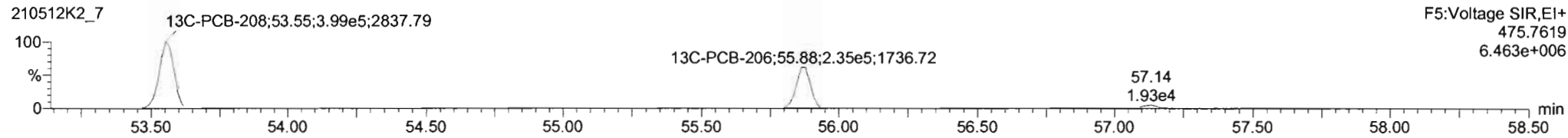
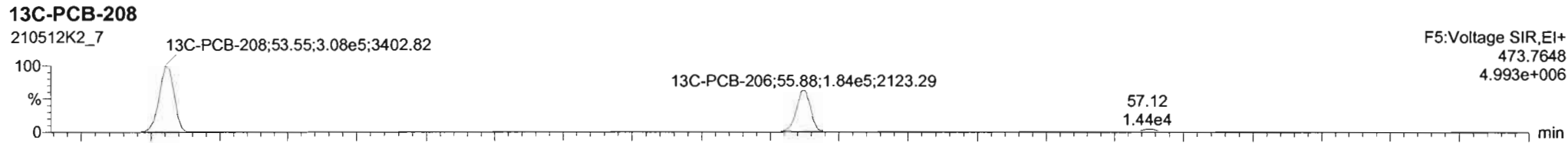
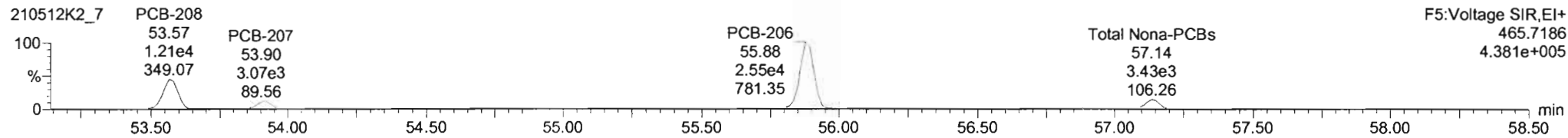
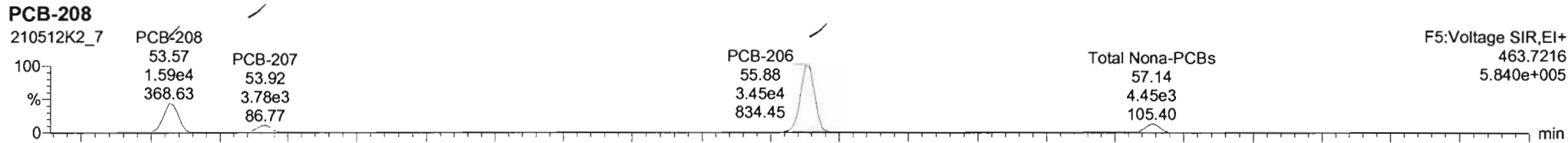
Vista Analytical Laboratory VG-11

Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412



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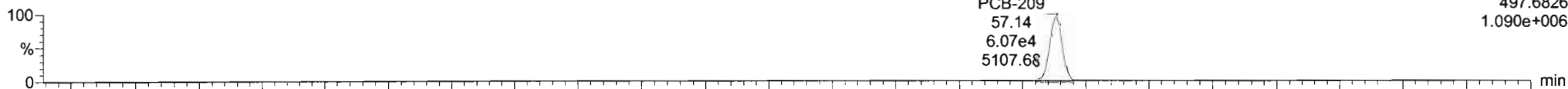
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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_7, Date: 12-May-2021, Time: 17:57:16, ID: 2104131-01RE1 USMPDI-005SG-210412 7.4, Description: USMPDI-005SG-210412

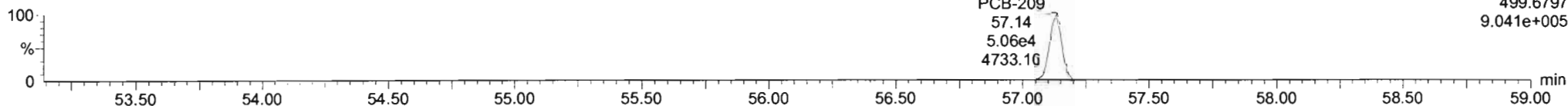
PCB-209

210512K2_7



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1.090e+006

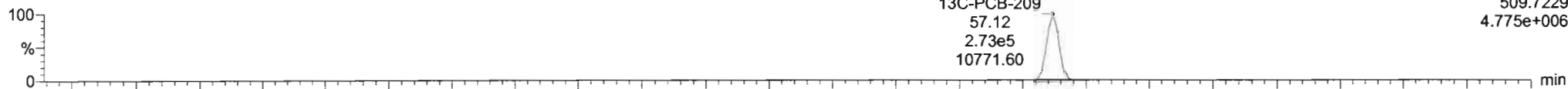
210512K2_7



F5:Voltage SIR,EI+
499.6797
9.041e+005

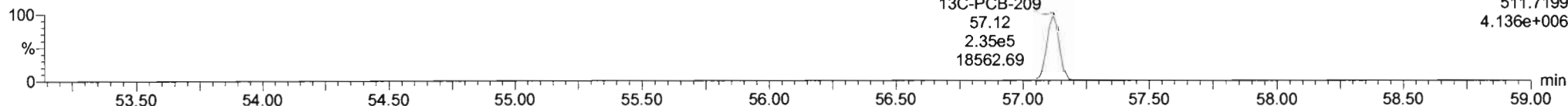
13C-PCB-209

210512K2_7



F5:Voltage SIR,EI+
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4.775e+006

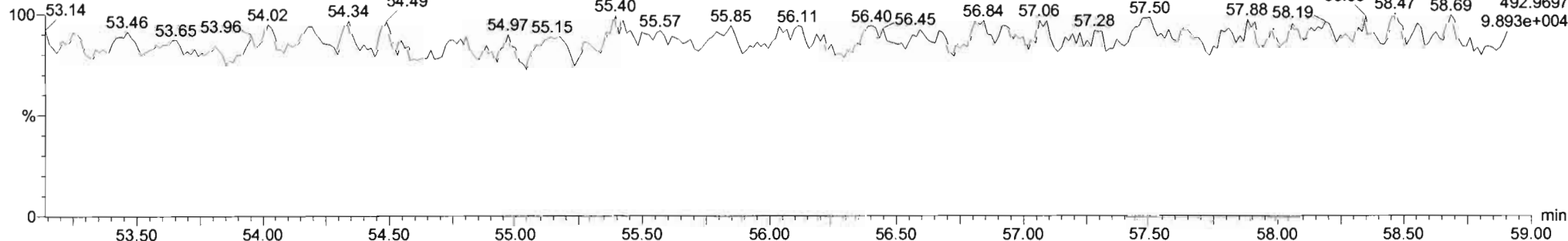
210512K2_7



F5:Voltage SIR,EI+
511.7199
4.136e+006

PFK5b

210512K2_7



F5:Voltage SIR,EI+
492.9697
9.893e+004

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

Last Altered: Friday, May 14, 2021 3:56:52 PM Pacific Daylight Time

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DF05/14/21

C105/17/2021

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.51e3	3.72	YES	0.986	4.999 ✓	15.19	15.21	1.001	1.002	NO	5.425		0.509	4.743
2	2 PCB-2	2.70e3	2.58	YES	1.02	4.999	17.62	17.64	0.988	0.989	NO	9.623		0.555	9.149
3	3 PCB-3	1.70e3	2.60	YES	1.00	4.999	17.84	17.84	1.001	1.001	NO	6.163		0.566	5.890
4	4 PCB-4/10	2.21e3	1.28	YES	1.21	4.999	19.24	19.17	1.004	1.000	NO	10.49		1.98	9.678
5	5 PCB-7/9			NO	0.939	4.999	21.08		1.003		YES			1.37	
6	6 PCB-6	1.61e3	0.99	YES	0.996	4.999	21.71	21.69	1.033	1.032	NO	6.219		1.29	5.083
7	7 PCB-5/8	4.43e3	1.60	NO	0.976	4.999	22.12	22.08	1.052	1.051	NO	17.42		1.32	17.42
8	8 PCB-14			NO	1.02	4.999	23.23		0.951		YES			1.40	
9	9 PCB-11	1.50e4	1.47	NO	1.12	4.999	24.43	24.43	1.001	1.001	NO	47.39		1.29	47.38
10	10 PCB-12/13			NO	1.02	4.999	24.86		1.018		YES			1.41	
11	11 PCB-15	5.32e3	1.63	NO	1.02	4.999	25.14	25.16	1.030	1.030	NO	18.47		1.41	18.47
12	12 PCB-19	1.87e3	1.21	YES	0.972	4.999	23.38	23.37	1.001	1.001	NO	10.99		0.682	10.16
13	13 PCB-30			NO	1.54	4.999	24.27		1.039		YES			0.437	
14	14 PCB-18	5.34e3	1.01	NO	0.719	4.999	25.05	25.05	0.951	0.951	NO	25.86		0.598	25.86
15	15 PCB-17	2.93e3	1.03	NO	0.672	4.999	25.23	25.24	0.958	0.959	NO	15.21		0.640	15.21
16	16 PCB-24/27	1.10e3	0.96	NO	0.932	4.999	25.81	25.80	0.980	0.980	NO	4.099		0.461	4.099
17	17 PCB-16/32	4.97e3	1.02	NO	0.824	4.999	26.35	26.34	1.001	1.000	NO	21.02		0.522	21.02
18	18 PCB-34			NO	0.878	4.999	27.19		0.959		YES			0.830	
19	19 PCB-23			NO	0.892	4.999	27.29		0.962		YES			0.817	
20	20 PCB-29			NO	0.861	4.999	27.55		0.972		YES			0.846	
21	21 PCB-26	3.49e3	0.90	NO	0.915	4.999	27.75	27.74	0.979	0.978	NO	11.41		0.796	11.41
22	22 PCB-25	2.08e3	1.21	YES	0.915	4.999	27.91	27.91	0.984	0.984	NO	6.788		0.786	6.256
23	23 PCB-31	1.53e4	1.09	NO	1.03	4.999	28.28	28.26	0.998	0.997	NO	44.36		0.707	44.36
24	24 PCB-28	2.08e4	1.10	NO	1.01	4.999	28.37	28.37	1.001	1.001	NO	61.44		0.718	61.44
25	25 PCB-20/21/33	7.41e3	1.07	NO	0.913	4.999	29.00	29.02	1.023	1.024	NO	24.29		0.798	24.29
26	26 PCB-22	5.32e3	0.85	YES	0.948	4.999	29.46	29.47	1.039	1.039	NO	16.80		0.768	15.14
27	27 PCB-36			NO	1.07	4.999	30.09		0.930		YES			0.814	
28	28 PCB-39			NO	1.00	4.999	30.58		0.945		YES			0.866	
29	29 PCB-38	2.33e3	1.19	NO	1.05	4.999	31.39	31.39	0.970	0.970	NO	7.261		0.828	7.261
30	30 PCB-35	6.38e2	1.44	YES	1.05	4.999	31.93	31.93	0.987	0.987	NO	1.982		0.831	1.663
31	31 PCB-37	8.47e3	1.10	NO	1.03	4.999	32.37	32.37	1.001	1.001	NO	26.91		0.846	26.91

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

Last Altered: Friday, May 14, 2021 3:56:52 PM Pacific Daylight Time

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
32	32 PCB-54	4.77e2	0.51	YES	0.974	4.999	27.20	27.18	1.001	1.000	NO	1.966		0.722	1.530
33	33 PCB-50	1.59e2	0.82	NO	0.803	4.999	28.40	28.41	1.045	1.045	NO	0.7941		0.876	0.7940
34	34 PCB-53	3.84e3	0.78	NO	0.939	4.999	29.06	29.06	0.943	0.943	NO	17.42		0.806	17.42
35	35 PCB-51	2.14e3	0.85	NO	1.00	4.999	29.41	29.41	0.954	0.954	NO	9.120		0.757	9.120
36	36 PCB-45	1.95e3	0.78	NO	0.802	4.999	29.86	29.86	0.969	0.969	NO	10.35		0.943	10.35
37	37 PCB-46	1.10e3	0.90	YES	0.770	4.999	30.36	30.36	0.985	0.985	NO	6.082		0.983	5.674
38	38 PCB-52/69	3.18e4	0.73	NO	1.08	4.999	30.87	30.85	1.001	1.001	NO	125.2		0.700	125.2
39	39 PCB-73	5.45e2	1.23	YES	1.31	4.999	30.98	30.94	1.005	1.004	NO	1.776		0.580	1.409
40	40 PCB-43/49	2.12e4	0.75	NO	0.925	4.999	31.15	31.16	1.010	1.011	NO	97.34		0.818	97.34
41	41 PCB-47	1.16e4	0.86	NO	0.863	4.999	31.37	31.37	1.001	1.001	NO	52.98		0.821	52.98
42	42 PCB-48/75	3.55e3	0.91	YES	1.04	4.999	31.50	31.48	1.005	1.004	NO	13.50		0.662	12.48
43	43 PCB-65			NO	1.16	4.999	31.76		1.013		YES			0.611	
44	44 PCB-62			NO	1.04	4.999	31.85		1.016		YES			0.683	
45	45 PCB-44	1.76e4	0.74	NO	0.757	4.999	32.19	32.19	1.027	1.027	NO	91.59		0.934	91.59
46	46 PCB-42/59	7.24e3	0.74	NO	0.975	4.999	32.40	32.43	1.034	1.034	NO	29.32		0.726	29.32
47	47 PCB-41/64/71/72	2.14e4	0.79	NO	1.12	4.999	33.02	33.03	1.053	1.053	NO	75.77		0.634	75.77
48	48 PCB-68	6.70e2	1.35	YES	1.19	4.999	33.28	33.30	1.062	1.062	NO	2.226		0.595	1.676
49	49 PCB-40	2.58e3	0.74	NO	0.572	4.999	33.51	33.49	1.069	1.068	NO	17.79		1.24	17.79
50	50 PCB-57	2.84e2	1.18	YES	1.08	4.999	33.88	33.90	0.969	0.969	NO	0.7925		0.558	0.6430
51	51 PCB-67	9.47e2	0.76	NO	1.02	4.999	34.20	34.22	0.978	0.978	NO	2.797		0.591	2.797
52	52 PCB-58			NO	1.08	4.999	34.33		0.982		YES			0.555	
53	53 PCB-63	1.35e3	0.80	NO	0.971	4.999	34.48	34.49	0.986	0.986	NO	4.157		0.619	4.157
54	54 PCB-74	1.58e4	0.74	NO	1.09	4.999	34.78	34.79	0.994	0.995	NO	43.47		0.553	43.47
55	55 PCB-61/70	4.57e4	0.74	NO	0.978	4.999	35.00	35.00	1.000	1.000	NO	140.1		0.614	140.1
56	56 PCB-76/66	3.76e4	0.77	NO	1.07	4.999	35.20	35.22	1.006	1.007	NO	105.4		0.561	105.4
57	57 PCB-80			NO	1.08	4.999	35.45		1.001		YES			0.541	
58	58 PCB-55			NO	1.06	4.999	35.77		1.010		YES			0.547	
59	59 PCB-56/60	2.08e4	0.70	NO	0.946	4.999	36.26	36.26	1.023	1.024	NO	63.54		0.616	63.54
60	60 PCB-79	1.37e3	0.85	NO	1.06	4.999	37.38	37.38	1.055	1.055	NO	3.740		0.550	3.740
61	61 PCB-78	2.96e2	0.63	YES	1.01	4.999	38.11	38.03	0.987	0.985	NO	0.7815		0.584	0.6980
62	62 PCB-81	6.41e2	0.47	YES	0.941	4.999	38.65	38.66	1.000	1.001	NO	1.806		0.624	1.323
63	63 PCB-77	4.87e3	0.71	NO	1.03	4.999	39.28	39.28	1.000	1.000	NO	12.56		0.665	12.56
64	64 PCB-104			NO	0.982	4.999	32.02		1.001		YES			0.789	
65	65 PCB-96	7.38e2	1.51	NO	0.982	4.999	33.31	33.32	1.041	1.041	NO	2.339		0.789	2.339

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

Last Altered: Friday, May 14, 2021 3:56:52 PM Pacific Daylight Time

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103	1.18e3	1.17	YES	0.770	4.999	33.90	33.90	1.059	1.059	NO	4.794		1.04	4.245
67	67 PCB-100	8.90e2	1.18	YES	0.805	4.999	34.25	34.25	1.070	1.070	NO	3.447		0.965	3.067
68	68 PCB-94	6.32e2	1.57	NO	0.831	4.999	34.74	34.76	0.985	0.985	NO	2.813		1.15	2.813
69	69 PCB-95/98/102	4.21e4	1.54	NO	1.07	4.999	35.23	35.29	0.999	1.000	NO	145.4		0.889	145.4
70	70 PCB-93			NO	0.761	4.999	35.33		1.002		YES			1.25	
71	71 PCB-88/91	8.57e3	1.58	NO	0.910	4.999	35.70	35.70	1.012	1.012	NO	34.82		1.05	34.82
72	72 PCB-121			NO	1.46	4.999	35.81		1.015		YES			0.650	
73	73 PCB-84/92	2.27e4	1.53	NO	0.826	4.999	36.66	36.63	0.990	0.989	NO	91.16		1.04	91.16
74	74 PCB-89	5.09e2	1.42	NO	0.885	4.999	36.84	36.78	0.995	0.993	NO	1.908		0.966	1.908
75	75 PCB-90/101	6.88e4	1.57	NO	0.905	4.999	37.04	37.04	1.000	1.000	NO	252.2		0.945	252.2
76	76 PCB-113			NO	1.26	4.999	37.28		1.007		YES			0.679	
77	77 PCB-99	3.50e4	1.54	NO	0.993	4.999	37.38	37.38	1.010	1.010	NO	117.0		0.860	117.0
78	78 PCB-119	2.65e3	1.54	NO	1.53	4.999	37.87	37.86	0.987	0.987	NO	6.456		0.647	6.456
79	79 PCB-108/112	2.73e3	1.47	NO	1.25	4.999	38.02	38.03	0.991	0.991	NO	8.191		0.795	8.191
80	80 PCB-83			NO	1.56	4.999	38.19		0.995		YES			0.636	
81	81 PCB-97	1.63e4	1.53	NO	1.12	4.999	38.38	38.38	1.000	1.000	NO	54.30		0.882	54.31
82	82 PCB-86			NO	1.06	4.999	38.53		1.004		YES			0.936	
83	83 PCB-87/117/125	2.39e4	1.48	NO	1.34	4.999	38.67	38.68	1.008	1.008	NO	66.60		0.739	66.60
84	84 PCB-111/115	1.73e3	1.52	NO	1.62	4.999	38.83	38.83	1.012	1.012	NO	4.005		0.613	4.005
85	85 PCB-85/116	1.20e4	1.47	NO	1.23	4.999	38.95	38.94	1.015	1.015	NO	36.23		0.804	36.23
86	86 PCB-120			NO	1.79	4.999	39.21		1.022		YES			0.553	
87	87 PCB-110	9.43e4	1.54	NO	1.50	4.999	39.34	39.35	1.025	1.026	NO	234.7		0.661	234.7
88	88 PCB-82	5.78e3	1.61	NO	0.638	4.999	40.02	40.00	0.975	0.975	NO	23.24		1.10	23.24
89	89 PCB-124	4.04e3	1.74	NO	1.08	4.999	40.74	40.73	0.993	0.993	NO	9.615		0.652	9.615
90	90 PCB-107/109	6.92e3	1.57	NO	1.11	4.999	40.88	40.88	0.996	0.996	NO	16.01		0.635	16.01
91	91 PCB-123	2.11e3	1.45	NO	1.00	4.999	41.05	41.04	1.000	1.000	NO	5.405		0.703	5.405
92	92 PCB-106/118	8.83e4	1.57	NO	1.02	4.999	41.25	41.23	1.001	1.000	NO	207.9		0.684	207.9
93	93 PCB-114	1.77e3	2.04	YES	1.08	4.999	41.91	41.91	1.000	1.000	NO	5.466		0.952	4.602
94	94 PCB-122	9.57e2	2.35	YES	0.930	4.999	42.06	42.04	1.004	1.004	NO	3.441		1.11	2.630
95	95 PCB-105	2.73e4	1.55	NO	1.03	4.999	42.80	42.80	1.000	1.000	NO	85.78		1.00	85.78
96	96 PCB-127			NO	1.06	4.999	43.16		1.000		YES			0.938	
97	97 PCB-126	7.63e2	1.46	NO	1.15	4.999	45.13	45.11	1.000	1.000	NO	2.283		1.03	2.283
98	98 PCB-155	2.68e2	0.98	YES	0.853	4.999	36.56	36.60	1.000	1.002	NO	0.8967		0.229	0.7730
99	99 PCB-150	4.11e2	1.40	NO	0.934	4.999	37.86	37.86	1.036	1.036	NO	1.212		0.209	1.212

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	100 PCB-152	1.69e2	0.79	YES	1.02	4.999	38.36	38.37	1.050	1.050	NO	0.4573		0.192	0.3640
101	101 PCB-145			NO	0.983	4.999	38.82		1.062		YES			0.199	
102	102 PCB-136	1.35e4	1.22	NO	0.881	4.999	39.15	39.15	1.071	1.071	NO	42.25		0.222	42.26
103	103 PCB-148	5.62e2	1.30	NO	0.666	4.999	39.26	39.22	1.074	1.073	NO	2.326		0.294	2.326
104	104 PCB-154	2.30e3	1.02	YES	0.721	4.999	39.78	39.78	1.089	1.089	NO	8.804		0.271	8.036
105	105 PCB-151	2.08e4	1.22	NO	0.674	4.999	40.43	40.43	1.107	1.106	NO	85.30		0.290	85.30
106	106 PCB-135	1.07e4	1.34	NO	0.723	4.999	40.65	40.65	1.112	1.112	NO	40.99		0.271	40.99
107	107 PCB-144	4.11e3	1.07	NO	0.691	4.999	40.77	40.77	1.116	1.116	NO	16.38		0.283	16.38
108	108 PCB-147	2.48e3	1.12	NO	0.713	4.999	40.90	40.90	1.119	1.119	NO	9.597		0.274	9.597
109	109 PCB-139/149	7.56e4	1.27	NO	0.773	4.999	41.17	41.16	1.127	1.126	NO	269.7		0.253	269.7
110	110 PCB-140	8.26e2	0.90	YES	0.652	4.999	41.36	41.36	1.132	1.132	NO	3.494		0.300	2.985
111	111 PCB-134/143	3.22e3	1.16	NO	0.718	4.999	41.82	41.83	0.974	0.974	NO	15.04		1.83	15.04
112	112 PCB-131/133	2.24e3	1.07	NO	0.768	4.999	42.14	42.14	0.982	0.982	NO	9.770		1.71	9.770
113	113 PCB-142			NO	0.687	4.999	42.30		0.985		YES			1.91	
114	114 PCB-146/165	1.64e4	1.20	NO	0.943	4.999	42.54	42.55	0.991	0.991	NO	58.22		1.39	58.22
115	115 PCB-132/161	2.19e4	1.19	NO	0.957	4.999	42.78	42.82	0.997	0.997	NO	76.72		1.37	76.72
116	116 PCB-153	1.01e5	1.23	NO	0.990	4.999	42.97	42.95	1.001	1.000	NO	341.2		1.33	341.2
117	117 PCB-168			NO	1.03	4.999	43.18		1.006		YES			1.27	
118	118 PCB-141	1.53e4	1.35	NO	0.948	4.999	43.71	43.71	1.000	1.000	NO	65.06		1.71	65.06
119	119 PCB-137	3.92e3	1.37	NO	0.964	4.999	44.11	44.13	1.010	1.010	NO	16.40		1.68	16.40
120	120 PCB-130	5.19e3	1.27	NO	0.816	4.999	44.20	44.22	1.012	1.012	NO	25.65		1.99	25.65
121	121 PCB-138/163/164	1.12e5	1.25	NO	1.15	4.999	44.62	44.60	1.001	1.001	NO	361.6		1.30	361.6
122	122 PCB-158/160	1.18e4	1.33	NO	1.14	4.999	44.86	44.83	1.007	1.006	NO	38.79		1.32	38.79
123	123 PCB-129	3.12e3	1.28	NO	0.807	4.999	45.09	45.11	1.012	1.012	NO	14.40		1.86	14.40
124	124 PCB-166	7.75e2	1.68	YES	1.03	4.999	45.58	45.58	0.993	0.993	NO	2.305		1.24	1.929
125	125 PCB-159			NO	1.10	4.999	45.92		1.000		YES			1.17	
126	126 PCB-128/162	1.43e4	1.24	NO	0.836	4.999	46.22	46.19	1.007	1.006	NO	52.63		1.53	52.63
127	127 PCB-167	4.81e3	1.29	NO	0.960	4.999	46.63	46.63	1.000	1.000	NO	14.83		1.29	14.83
128	128 PCB-156	1.23e4	1.20	NO	1.06	4.999	47.95	47.95	1.000	1.000	NO	36.57		1.24	36.57
129	129 PCB-157	2.75e3	1.07	NO	0.960	4.999	48.24	48.24	1.000	1.000	NO	8.342		1.38	8.342
130	130 PCB-169			NO	1.04	4.999	50.53		1.000		YES			1.40	
131	131 PCB-188	1.78e2	1.26	YES	1.15	4.999	42.57	42.53	1.001	1.000	NO	0.5227		0.533	0.4750
132	132 PCB-184	4.22e2	0.94	NO	1.14	4.999	43.01	43.03	1.011	1.012	NO	1.246		0.537	1.246
133	133 PCB-179	1.62e4	0.99	NO	1.07	4.999	43.81	43.84	1.030	1.031	NO	50.73		0.570	50.73

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	134 PCB-176	5.07e3	1.22	YES	1.11	4.999	44.30	44.30	1.042	1.041	NO	15.24		0.550	14.19
135	135 PCB-186	2.00e2	0.98	NO	1.23	4.999	44.92	44.94	1.056	1.056	NO	0.5465		0.497	0.5470
136	136 PCB-178	6.35e3	1.09	NO	0.830	4.999	45.45	45.45	1.069	1.069	NO	25.78		0.738	25.78
137	137 PCB-175	1.53e3	1.09	NO	0.853	4.999	45.81	45.81	1.077	1.077	NO	6.024		0.718	6.024
138	138 PCB-182/187	4.19e4	1.05	NO	0.942	4.999	45.99	45.98	1.081	1.081	NO	149.9		0.650	149.9
139	139 PCB-183	1.73e4	1.12	NO	0.910	4.999	46.30	46.32	1.089	1.089	NO	63.86		0.673	63.86
140	140 PCB-185	4.98e3	1.06	NO	1.24	4.999	46.99	46.99	0.954	0.954	NO	17.96		0.688	17.96
141	141 PCB-174	3.11e4	0.98	NO	1.20	4.999	47.36	47.37	0.961	0.962	NO	115.9		0.711	115.9
142	142 PCB-181	1.72e3	1.31	YES	1.33	4.999	47.46	47.46	0.964	0.964	NO	5.778		0.641	5.132
143	143 PCB-177	1.71e4	1.05	NO	1.14	4.999	47.66	47.65	0.967	0.967	NO	67.11		0.747	67.11
144	144 PCB-171	8.71e3	1.00	NO	1.22	4.999	47.93	47.95	0.973	0.974	NO	31.96		0.700	31.95
145	145 PCB-173	1.31e3	1.06	NO	1.07	4.999	48.39	48.39	0.982	0.982	NO	5.488		0.798	5.488
146	146 PCB-172	5.12e3	0.99	NO	1.26	4.999	48.87	48.86	0.992	0.992	NO	18.20		0.678	18.20
147	147 PCB-192			NO	1.61	4.999	49.05		0.996		YES			0.528	
148	148 PCB-180	7.02e4	1.06	NO	1.30	4.999	49.28	49.28	1.000	1.000	NO	241.3		0.655	241.3
149	149 PCB-193	5.42e3	1.08	NO	1.47	4.999	49.49	49.51	1.005	1.005	NO	16.45		0.579	16.45
150	150 PCB-191	1.93e3	1.38	YES	1.51	4.999	49.75	49.75	1.010	1.010	NO	5.730		0.586	4.927
151	151 PCB-170	2.65e4	1.05	NO	1.23	4.999	50.95	50.95	1.000	1.000	NO	103.7		0.777	103.7
152	152 PCB-190	1.06e4	1.11	NO	1.61	4.999	51.15	51.17	1.004	1.005	NO	31.64		0.594	31.64
153	153 PCB-189	1.92e3	0.88	YES	1.27	4.999	52.73	52.73	1.000	1.000	NO	5.530		0.514	5.046
154	154 PCB-202	5.82e3	0.71	YES	0.995	4.999	48.18	48.16	1.001	1.000	NO	16.59		0.511	14.68
155	155 PCB-201	5.39e3	0.91	NO	0.904	4.999	48.67	48.65	1.011	1.011	NO	16.92		0.562	16.92
156	156 PCB-204	9.00e2	1.14	YES	0.955	4.999	48.83	48.82	1.014	1.014	NO	2.671		0.532	2.360
157	157 PCB-197	3.36e3	1.06	YES	0.964	4.999	49.15	49.13	1.021	1.020	NO	9.995		0.527	9.063
158	158 PCB-200	7.66e3	0.80	NO	0.911	4.999	50.07	50.08	1.040	1.040	NO	23.83		0.558	23.83
159	159 PCB-198	2.73e3	0.95	NO	0.696	4.999	51.71	51.67	1.074	1.073	NO	11.13		0.730	11.13
160	160 PCB-199	2.34e4	0.88	NO	0.706	4.999	51.84	51.80	1.077	1.076	NO	94.14		0.720	94.14
161	161 PCB-196/203	3.35e4	0.87	NO	0.754	4.999	52.14	52.10	1.083	1.082	NO	125.9		0.674	125.9
162	162 PCB-195	9.70e3	0.98	NO	0.957	4.999	53.41	53.42	0.983	0.983	NO	47.05		0.873	47.06
163	163 PCB-194	1.45e4	0.83	NO	1.06	4.999	54.36	54.36	1.000	1.000	NO	63.46		0.788	63.46
164	164 PCB-205	2.63e3	0.81	NO	1.27	4.999	54.61	54.63	1.005	1.005	NO	9.616		0.658	9.616
165	165 PCB-208	1.53e4	1.30	NO	0.861	4.999	53.57	53.57	1.000	1.000	NO	65.89		0.631	65.89
166	166 PCB-207	1.26e4	1.35	NO	0.849	4.999	53.90	53.90	1.007	1.007	NO	54.74		0.640	54.74
167	167 PCB-206	2.53e4	1.35	NO	0.951	4.999	55.88	55.88	1.000	1.000	NO	141.1		0.800	141.1

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
168	168 PCB-209	5.06e4	1.17	NO	0.863	4.999	57.12	57.14	1.000	1.000	NO	234.8		0.611	234.8
169	169 13C-PCB-1	5.67e5	3.25	NO	0.937	4.999	15.19	15.18	0.604	0.604	NO	914.3	45.7	2.18	
170	170 13C-PCB-3	5.49e5	3.15	NO	0.934	4.999	17.81	17.83	0.709	0.709	NO	888.9	44.4	2.19	
171	171 13C-PCB-4	3.49e5	1.56	NO	0.599	4.999	19.16	19.16	0.762	0.762	NO	880.8	44.0	1.72	
172	172 13C-PCB-9	5.21e5	1.57	NO	0.960	4.999	20.99	21.02	0.835	0.836	NO	821.5	41.1	1.07	
173	173 13C-PCB-11	5.67e5	1.59	NO	0.929	4.999	24.43	24.41	0.972	0.971	NO	922.1	46.1	1.11	
174	174 13C-PCB-19	3.49e5	1.01	NO	0.506	4.999	23.37	23.35	0.930	0.929	NO	1043	52.1	5.36	
175	175 13C-PCB-32	5.74e5	1.00	NO	0.738	4.999	26.34	26.33	1.048	1.048	NO	1175	58.8	3.68	
176	176 13C-PCB-28	6.68e5	1.06	NO	1.06	4.999	28.35	28.35	1.004	1.004	NO	1112	55.6	4.09	
177	177 13C-PCB-37	6.12e5	1.00	NO	0.979	4.999	32.34	32.35	1.145	1.146	NO	1103	55.1	4.43	
178	178 13C-PCB-54	4.98e5	0.77	NO	0.981	4.999	27.17	27.18	0.749	0.750	NO	777.5	38.9	1.06	
179	179 13C-PCB-52	4.70e5	0.75	NO	0.786	4.999	30.84	30.83	0.851	0.851	NO	915.7	45.8	1.32	
180	180 13C-PCB-47	5.07e5	0.77	NO	0.833	4.999	31.35	31.35	0.865	0.865	NO	932.1	46.6	1.25	
181	181 13C-PCB-70	6.67e5	0.77	NO	0.981	4.999	34.96	34.98	0.965	0.965	NO	1041	52.1	1.06	
182	182 13C-PCB-80	6.93e5	0.80	NO	1.01	4.999	35.41	35.42	0.977	0.977	NO	1048	52.4	1.03	
183	183 13C-PCB-81	7.54e5	0.72	NO	0.995	4.999	38.60	38.63	1.065	1.066	NO	1162	58.1	1.05	
184	184 13C-PCB-77	7.54e5	0.80	NO	0.977	4.999	39.20	39.26	1.082	1.083	NO	1182	59.1	1.07	
185	185 13C-PCB-104	6.42e5	1.56	NO	1.00	4.999	32.00	32.00	0.825	0.825	NO	870.0	43.5	0.721	
186	186 13C-PCB-95	5.41e5	1.56	NO	0.779	4.999	35.30	35.28	0.910	0.909	NO	945.2	47.3	0.929	
187	187 13C-PCB-101	6.03e5	1.59	NO	0.833	4.999	37.01	37.03	0.954	0.954	NO	985.1	49.2	0.870	
188	188 13C-PCB-97	5.36e5	1.58	NO	0.679	4.999	38.35	38.37	0.988	0.988	NO	1074	53.7	1.07	
189	189 13C-PCB-123	7.80e5	1.56	NO	0.970	4.999	41.00	41.03	1.056	1.057	NO	1095	54.7	0.747	
190	190 13C-PCB-118	8.31e5	1.57	NO	1.00	4.999	41.19	41.21	1.061	1.062	NO	1129	56.5	0.724	
191	191 13C-PCB-114	5.98e5	1.58	NO	1.55	4.999	41.89	41.89	0.907	0.907	NO	915.0	45.7	1.28	
192	192 13C-PCB-105	6.15e5	1.55	NO	1.59	4.999	42.78	42.78	0.927	0.927	NO	914.5	45.7	1.24	
193	193 13C-PCB-127	6.51e5	1.52	NO	1.66	4.999	43.14	43.14	0.934	0.934	NO	930.0	46.5	1.19	
194	194 13C-PCB-126	5.81e5	1.57	NO	1.65	4.999	45.08	45.11	0.976	0.977	NO	835.3	41.8	1.20	
195	195 13C-PCB-155	7.25e5	1.28	NO	0.819	4.999	36.55	36.54	0.942	0.942	NO	1205	60.2	0.390	
196	196 13C-PCB-153	5.97e5	1.22	NO	1.31	4.999	42.95	42.93	0.930	0.930	NO	1076	53.8	1.65	
197	197 13C-PCB-141	4.96e5	1.26	NO	1.08	4.999	43.70	43.69	0.947	0.946	NO	1083	54.2	1.99	
198	198 13C-PCB-138	5.37e5	1.27	NO	1.15	4.999	44.57	44.56	0.965	0.965	NO	1102	55.1	1.88	
199	199 13C-PCB-159	6.52e5	1.26	NO	1.39	4.999	45.91	45.91	0.994	0.994	NO	1107	55.3	1.55	
200	200 13C-PCB-167	6.76e5	1.25	NO	1.43	4.999	46.61	46.61	1.010	1.009	NO	1122	56.1	1.52	
201	201 13C-PCB-156	6.33e5	1.24	NO	1.34	4.999	47.92	47.93	1.038	1.038	NO	1119	55.9	1.61	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	202 13C-PCB-157	6.87e5	1.27	NO	1.36	4.999	48.21	48.22	1.044	1.044	NO	1196	59.8	1.59	
203	203 13C-PCB-169	6.42e5	1.29	NO	1.33	4.999	50.49	50.51	1.094	1.094	NO	1142	57.1	1.62	
204	204 13C-PCB-188	5.94e5	0.45	NO	1.39	4.999	42.55	42.53	0.925	0.925	NO	1068	53.4	0.760	
205	205 13C-PCB-180	4.48e5	0.44	NO	0.907	4.999	49.25	49.26	1.071	1.071	NO	1234	61.7	1.17	
206	206 13C-PCB-170	4.15e5	0.46	NO	0.823	4.999	50.92	50.93	1.107	1.107	NO	1261	63.0	1.28	
207	207 13C-PCB-189	5.47e5	0.46	NO	1.08	4.999	52.70	52.71	1.146	1.146	NO	1270	63.5	0.982	
208	208 13C-PCB-202	7.06e5	0.90	NO	1.23	4.999	48.14	48.14	1.047	1.047	NO	1432	71.6	0.567	
209	209 13C-PCB-194	4.31e5	0.89	NO	0.710	4.999	54.35	54.34	0.995	0.995	NO	1306	65.3	1.12	
210	210 13C-PCB-208	5.40e5	0.78	NO	0.865	4.999	53.55	53.55	0.980	0.980	NO	1343	67.2	0.781	
211	211 13C-PCB-206	3.77e5	0.77	NO	0.623	4.999	55.88	55.86	1.023	1.023	NO	1304	65.2	1.09	
212	212 13C-PCB-209	4.99e5	1.16	NO	0.725	4.999	57.13	57.12	1.046	1.046	NO	1483	74.1	0.459	
213	213 13C-PCB-15	1.32e6	1.54	NO	1.00	4.999	25.11	25.14	1.000	0.000	NO	2000	100	1.03	
214	214 13C-PCB-31	1.13e6	0.94	NO	1.00	4.999	28.23	28.24	1.000	0.000	NO	2000	100	4.33	
215	215 13C-PCB-60	1.31e6	0.79	NO	1.00	4.999	36.25	36.24	1.000	0.000	NO	2000	100	1.04	
216	216 13C-PCB-111	1.47e6	1.54	NO	1.00	4.999	38.82	38.81	1.000	0.000	NO	2000	100	0.724	
217	217 13C-PCB-128	8.45e5	1.25	NO	1.00	4.999	46.16	46.17	1.000	0.000	NO	2000	100	2.16	
218	218 13C-PCB-182	8.00e5	0.44	NO	1.00	4.999	45.99	45.98	0.000	0.000	NO	2000	100	1.06	
219	219 13C-PCB-205	9.30e5	0.92	NO	1.00	4.999	54.64	54.62	1.000	0.000	NO	2000	100	0.797	
220	220 13C-PCB-79	1.23e6	0.76	NO	1.04	4.999	37.34	37.36	1.030	1.031	NO	1826	91.3	1.01	
221	221 13C-PCB-178	6.28e5	0.44	NO	0.774	4.999	45.43	45.43	0.988	0.988	NO	1921	96.0	1.41	
222	222 13C-PCB-79	1.15e6	0.77	NO	1.04	4.999	37.36	37.36	0.967	0.967	NO	2919	146	1.91	
223	223 13C-PCB-178	6.28e5	0.44	NO	1.02	4.999	45.45	45.43	0.923	0.922	NO	2759	138	1.93	
224	224 Total Mono-PCBs				1.00	4.999	0.00		0.000		NO	0.0000		1.63	19.78
225	225 Total Di-PCBs				1.04	4.999	0.00		0.000		NO	83.27		11.4	98.03
226	226 2nd Function Tri...				0.943	4.999	0.00		0.000		NO	66.19		3.35	76.35
227	227 3rd Function Tri...				0.969	4.999	0.00		0.000		NO	175.7		11.3	198.7
228	228 Total Tetra-PCBs				0.991	4.999	0.00		0.000		NO	903.5		22.3	928.9
229	229 3rd Function Pen...				1.11	4.999	0.00		0.000		NO	1320		24.1	1328
230	230 4th Function Pent...				1.05	4.999	0.00		0.000		NO	88.06		5.03	95.29
231	231 3rd Function Hex...				0.791	4.999	0.00		0.000		NO	467.8		3.29	479.9
232	232 4th Function Hex...				0.946	4.999	0.00		0.000		NO	1135		30.0	1137
233	233 Total Hepta-PCBs				1.20	4.999	0.00		0.000		NO	947.8		14.6	977.6
234	234 4th Function Oct...				0.860	4.999	0.00		0.000		NO	271.9		4.81	298.0
235	235 5th Function Oct...				1.10	4.999	0.00		0.000		NO	120.1		2.32	120.1

Handwritten notes and calculations on the right side of the table:

- 226-227: } 241.89 -
- 228-229: } 1408.06 -
- 230-231: } 1602.8 -
- 232-233: } 392.0 -
- 226-227: } 275.05 -
- 228-229: } 1423.29
- 228-229: } 440.29
- 228-229: } 275.05 -
- 230-231: } 1616.9 -
- 232-233: } 418.1 -

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

Last Altered: Friday, May 14, 2021 3:56:52 PM Pacific Daylight Time

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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
236	236 Total Nona-PCBs				0.887	4.999	0.00		0.000		NO	261.7		2.07	261.7
237	237 Deca-CB				0.863	4.999	0.00		0.000		NO	234.8		0.611	234.8
238	238 Total PCBs														

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	15.19	15.21	1.622e4	5.539e3	1.194e3	3.206e2	3.72	YES	1.515e3	0.00000	4.7430	0.509
2	PCB-2	17.62	17.64	2.458e4	7.879e3	1.944e3	7.542e2	2.58	YES	2.699e3	0.00000	9.1490	0.555
3	PCB-3	17.84	17.84	1.630e4	7.199e3	1.228e3	4.730e2	2.60	YES	1.701e3	0.00000	5.8900	0.566

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-4/10	19.24	19.17	1.703e4	1.171e4	1.243e3	9.681e2	1.28	YES	2.211e3	0.00000	9.6780	1.93
2	PCB-6	21.71	21.69	1.343e4	1.194e4	8.045e2	8.105e2	0.99	YES	1.615e3	0.00000	5.0830	1.29
3	PCB-5/8	22.12	22.08	4.152e4	2.965e4	2.723e3	1.707e3	1.60	NO	4.430e3	17.417	17.417	1.32
4	PCB-11	24.43	24.43	1.289e5	8.768e4	8.916e3	6.064e3	1.47	NO	1.498e4	47.385	47.385	1.29
5	PCB-15	25.14	25.16	4.784e4	3.244e4	3.294e3	2.025e3	1.63	NO	5.319e3	18.466	18.466	1.41

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	23.38	23.37	1.605e4	1.323e4	1.020e3	8.453e2	1.21	YES	1.866e3	0.00000	10.157	0.692
2	PCB-18	25.05	25.05	3.828e4	3.690e4	2.679e3	2.657e3	1.01	NO	5.335e3	25.859	25.859	0.598
3	PCB-17	25.23	25.24	2.126e4	1.997e4	1.485e3	1.445e3	1.03	NO	2.931e3	15.213	15.213	0.640
4	PCB-24/27	25.81	25.80	6.713e3	6.719e3	5.384e2	5.578e2	0.96	NO	1.096e3	4.0995	4.0990	0.461
5	PCB-16/32	26.35	26.34	2.667e4	2.785e4	2.507e3	2.463e3	1.02	NO	4.970e3	21.020	21.020	0.522

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	27.75	27.74	2.022e4	2.203e4	1.650e3	1.836e3	0.90	NO	3.485e3	11.407	11.407	0.796
2	PCB-25	27.91	27.91	1.301e4	1.020e4	1.138e3	9.378e2	1.21	YES	2.076e3	0.00000	6.2560	0.796
3	PCB-31	28.28	28.26	9.896e4	9.294e4	7.949e3	7.319e3	1.09	NO	1.527e4	44.361	44.361	0.707
4	PCB-28	28.37	28.37	1.251e5	1.113e5	1.092e4	9.895e3	1.10	NO	2.082e4	61.444	61.444	0.718
5	PCB-20/21/33	29.00	29.02	4.243e4	3.875e4	3.833e3	3.573e3	1.07	NO	7.406e3	24.288	24.288	0.798
6	PCB-22	29.46	29.47	2.958e4	3.192e4	2.444e3	2.876e3	0.85	YES	5.320e3	0.00000	15.138	0.768
7	PCB-38	31.39	31.39	1.412e4	1.164e4	1.270e3	1.064e3	1.19	NO	2.334e3	7.2614	7.2610	0.828
8	PCB-35	31.93	31.93	3.281e3	2.857e3	3.769e2	2.612e2	1.44	YES	6.381e2	0.00000	1.6630	0.831
9	PCB-37	32.37	32.37	4.012e4	3.812e4	4.442e3	4.027e3	1.10	NO	8.469e3	26.913	26.913	0.846

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	27.20	27.18	2.193e3	4.900e3	1.613e2	3.153e2	0.51	YES	4.766e2	0.00000	1.5300	0.722
2	PCB-50	28.40	28.41	1.035e3	1.437e3	7.169e1	8.693e1	0.82	NO	1.586e2	0.79407	0.79400	0.876
3	PCB-53	29.06	29.06	2.256e4	2.912e4	1.683e3	2.160e3	0.78	NO	3.843e3	17.421	17.421	0.806
4	PCB-51	29.41	29.41	1.150e4	1.394e4	9.817e2	1.160e3	0.85	NO	2.142e3	9.1204	9.1200	0.757
5	PCB-45	29.86	29.86	1.120e4	1.388e4	8.566e2	1.094e3	0.78	NO	1.951e3	10.347	10.347	0.943
6	PCB-46	30.36	30.36	7.038e3	7.852e3	5.224e2	5.801e2	0.90	YES	1.102e3	0.00000	5.6740	0.983
7	PCB-52/69	30.87	30.85	1.715e5	2.366e5	1.339e4	1.843e4	0.73	NO	3.182e4	125.19	125.19	0.700
8	PCB-73	30.98	30.94	6.350e3	7.493e3	3.011e2	2.443e2	1.23	YES	5.454e2	0.00000	1.4090	0.580
9	PCB-43/49	31.15	31.16	1.128e5	1.468e5	9.097e3	1.205e4	0.75	NO	2.115e4	97.341	97.341	0.818
10	PCB-47	31.37	31.37	6.638e4	7.854e4	5.356e3	6.215e3	0.86	NO	1.157e4	52.978	52.978	0.821
11	PCB-48/75	31.50	31.48	2.227e4	2.504e4	1.694e3	1.853e3	0.91	YES	3.547e3	0.00000	12.483	0.682
12	PCB-44	32.19	32.19	9.067e4	1.208e5	7.465e3	1.010e4	0.74	NO	1.757e4	91.589	91.589	0.934
13	PCB-42/59	32.40	32.43	3.587e4	4.915e4	3.081e3	4.155e3	0.74	NO	7.236e3	29.324	29.324	0.726
14	PCB-41/64/71/72	33.02	33.03	9.951e4	1.296e5	9.463e3	1.195e4	0.79	NO	2.141e4	75.770	75.770	0.634
15	PCB-68	33.28	33.30	4.142e3	3.741e3	3.851e2	2.851e2	1.35	YES	6.702e2	0.00000	1.6760	0.595
16	PCB-40	33.51	33.49	1.280e4	1.692e4	1.098e3	1.480e3	0.74	NO	2.578e3	17.787	17.787	1.24
17	PCB-57	33.88	33.90	1.760e3	1.735e3	1.540e2	1.304e2	1.18	YES	2.844e2	0.00000	0.64300	0.558
18	PCB-67	34.20	34.22	4.287e3	6.998e3	4.086e2	5.387e2	0.76	NO	9.474e2	2.7968	2.7970	0.591
19	PCB-63	34.48	34.49	6.756e3	9.317e3	5.964e2	7.490e2	0.80	NO	1.345e3	4.1574	4.1570	0.619
20	PCB-74	34.78	34.79	7.524e4	1.016e5	6.685e3	9.071e3	0.74	NO	1.576e4	43.470	43.470	0.553
21	PCB-61/70	35.00	35.00	2.183e5	2.971e5	1.940e4	2.628e4	0.74	NO	4.568e4	140.11	140.11	0.614
22	PCB-76/66	35.20	35.22	1.833e5	2.441e5	1.637e4	2.127e4	0.77	NO	3.764e4	105.43	105.43	0.561
23	PCB-56/60	36.26	36.26	9.818e4	1.408e5	8.609e3	1.222e4	0.70	NO	2.083e4	63.543	63.543	0.616
24	PCB-79	37.38	37.38	7.622e3	7.738e3	6.311e2	7.417e2	0.85	NO	1.373e3	3.7405	3.7400	0.550
25	PCB-78	38.11	38.03	1.919e3	2.387e3	1.151e2	1.814e2	0.63	YES	2.965e2	0.00000	0.69800	0.584
26	PCB-81	38.65	38.66	5.462e3	1.054e4	2.041e2	4.365e2	0.47	YES	6.406e2	0.00000	1.3230	0.624
27	PCB-77	39.28	39.28	2.221e4	2.798e4	2.032e3	2.841e3	0.71	NO	4.873e3	12.562	12.562	0.665

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	33.31	33.32	4.994e3	3.745e3	4.435e2	2.941e2	1.51	NO	7.377e2	2.3393	2.3390	0.789
2	PCB-103	33.90	33.90	7.837e3	6.103e3	6.389e2	5.453e2	1.17	YES	1.184e3	0.00000	4.2450	1.01
3	PCB-100	34.25	34.25	6.683e3	5.414e3	4.827e2	4.076e2	1.18	YES	8.902e2	0.00000	3.0670	0.963
4	PCB-94	34.74	34.76	3.801e3	2.682e3	3.861e2	2.460e2	1.57	NO	6.321e2	2.8127	2.8130	1.15
5	PCB-95/98/102	35.23	35.29	3.088e5	1.957e5	2.556e4	1.655e4	1.54	NO	4.211e4	145.36	145.36	0.889
6	PCB-88/91	35.70	35.70	6.090e4	4.023e4	5.245e3	3.330e3	1.58	NO	8.575e3	34.819	34.819	1.05
7	PCB-84/92	36.66	36.63	1.634e5	1.077e5	1.374e4	8.947e3	1.53	NO	2.268e4	91.157	91.157	1.04
8	PCB-89	36.84	36.78	4.150e3	2.994e3	2.984e2	2.105e2	1.42	NO	5.089e2	1.9078	1.9080	0.966
9	PCB-90/101	37.04	37.04	5.071e5	3.238e5	4.204e4	2.673e4	1.57	NO	6.877e4	252.19	252.19	0.945
10	PCB-99	37.38	37.38	2.560e5	1.678e5	2.126e4	1.376e4	1.54	NO	3.502e4	117.00	117.00	0.860
11	PCB-119	37.87	37.86	2.018e4	1.446e4	1.605e3	1.041e3	1.54	NO	2.646e3	6.4555	6.4560	0.647
12	PCB-108/112	38.02	38.03	1.917e4	1.570e4	1.625e3	1.108e3	1.47	NO	2.733e3	8.1906	8.1910	0.795
13	PCB-97	38.38	38.38	1.218e5	7.773e4	9.879e3	6.462e3	1.53	NO	1.634e4	54.305	54.305	0.882
14	PCB-87/117/125	38.67	38.68	1.643e5	1.150e5	1.427e4	9.626e3	1.48	NO	2.390e4	66.596	66.596	0.739
15	PCB-111/115	38.83	38.83	1.326e4	8.686e3	1.047e3	6.866e2	1.52	NO	1.734e3	4.0051	4.0050	0.613
16	PCB-85/116	38.95	38.94	8.476e4	6.132e4	7.112e3	4.843e3	1.47	NO	1.195e4	36.233	36.233	0.804
17	PCB-110	39.34	39.35	6.598e5	4.320e5	5.717e4	3.709e4	1.54	NO	9.426e4	234.74	234.74	0.661
18	PCB-82	40.02	40.00	4.203e4	2.576e4	3.567e3	2.213e3	1.61	NO	5.780e3	23.239	23.239	1.10
19	PCB-124	40.74	40.73	2.288e4	1.535e4	2.566e3	1.478e3	1.74	NO	4.045e3	9.6146	9.6150	0.652
20	PCB-107/109	40.88	40.88	4.637e4	3.272e4	4.232e3	2.689e3	1.57	NO	6.921e3	16.007	16.007	0.635
21	PCB-123	41.05	41.04	1.316e4	7.619e3	1.249e3	8.604e2	1.45	NO	2.109e3	5.4048	5.4050	0.703
22	PCB-106/118	41.25	41.23	5.897e5	3.721e5	5.391e4	3.437e4	1.57	NO	8.828e4	207.89	207.89	0.684

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	41.91	41.91	1.340e4	4.947e3	1.189e3	5.827e2	2.04	YES	1.772e3	0.00000	4.6020	0.952
2	PCB-122	42.06	42.04	7.823e3	3.466e3	6.715e2	2.858e2	2.35	YES	9.573e2	0.00000	2.6300	1.11
3	PCB-105	42.80	42.80	1.832e5	1.159e5	1.660e4	1.069e4	1.55	NO	2.729e4	85.776	85.776	1.00
4	PCB-126	45.13	45.11	4.598e3	3.063e3	4.526e2	3.100e2	1.46	NO	7.626e2	2.2830	2.2830	1.03

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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-155	36.56	36.60	1.632e3	1.578e3	1.323e2	1.356e2	0.98	YES	2.678e2	0.00000	0.77300	0.229
2	PCB-150	37.86	37.86	2.869e3	2.178e3	2.393e2	1.713e2	1.40	NO	4.106e2	1.2124	1.2120	0.209
3	PCB-152	38.36	38.37	1.007e3	1.152e3	7.437e1	9.441e1	0.79	YES	1.688e2	0.00000	0.36400	0.192
4	PCB-136	39.15	39.15	9.237e4	7.447e4	7.420e3	6.075e3	1.22	NO	1.349e4	42.255	42.255	0.222
5	PCB-148	39.26	39.22	5.854e3	3.345e3	3.177e2	2.440e2	1.30	NO	5.617e2	2.3262	2.3260	0.294
6	PCB-154	39.78	39.78	1.299e4	1.335e4	1.162e3	1.138e3	1.02	YES	2.300e3	0.00000	8.0360	0.271
7	PCB-151	40.43	40.43	1.416e5	1.215e5	1.143e4	9.409e3	1.22	NO	2.084e4	85.304	85.304	0.290
8	PCB-135	40.65	40.65	7.243e4	5.504e4	6.145e3	4.598e3	1.34	NO	1.074e4	40.989	40.989	0.271
9	PCB-144	40.77	40.77	2.895e4	2.294e4	2.122e3	1.985e3	1.07	NO	4.106e3	16.383	16.383	0.283
10	PCB-147	40.90	40.90	1.622e4	1.479e4	1.309e3	1.170e3	1.12	NO	2.480e3	9.5972	9.5970	0.274
11	PCB-139/149	41.17	41.16	5.236e5	4.130e5	4.231e4	3.327e4	1.27	NO	7.558e4	269.70	269.70	0.253
12	PCB-140	41.36	41.36	5.342e3	4.917e3	3.907e2	4.354e2	0.90	YES	8.260e2	0.00000	2.9850	0.300

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	41.82	41.83	2.141e4	1.924e4	1.727e3	1.494e3	1.16	NO	3.221e3	15.042	15.042	1.83
2	PCB-131/133	42.14	42.14	1.411e4	1.340e4	1.158e3	1.080e3	1.07	NO	2.238e3	9.7702	9.7700	1.71
3	PCB-146/165	42.54	42.55	1.075e5	8.789e4	8.928e3	7.461e3	1.20	NO	1.639e4	58.224	58.224	1.39
4	PCB-132/161	42.78	42.82	1.405e5	1.185e5	1.189e4	1.002e4	1.19	NO	2.191e4	76.716	76.716	1.37
5	PCB-153	42.97	42.95	6.597e5	5.335e5	5.556e4	4.523e4	1.23	NO	1.008e5	341.18	341.18	1.33
6	PCB-141	43.71	43.71	1.015e5	8.026e4	8.779e3	6.518e3	1.35	NO	1.530e4	65.057	65.057	1.71
7	PCB-137	44.11	44.13	2.793e4	2.101e4	2.265e3	1.653e3	1.37	NO	3.918e3	16.401	16.401	1.68
8	PCB-130	44.20	44.22	3.411e4	2.652e4	2.906e3	2.286e3	1.27	NO	5.192e3	25.651	25.651	1.99
9	PCB-138/163/164	44.62	44.60	6.404e5	5.033e5	6.220e4	4.970e4	1.25	NO	1.119e5	361.56	361.56	1.30
10	PCB-158/160	44.86	44.83	7.463e4	5.505e4	6.750e3	5.089e3	1.33	NO	1.184e4	38.786	38.786	1.32
11	PCB-129	45.09	45.11	1.780e4	1.623e4	1.747e3	1.369e3	1.28	NO	3.116e3	14.401	14.401	1.86
12	PCB-166	45.58	45.58	5.957e3	3.621e3	4.854e2	2.895e2	1.68	YES	7.749e2	0.00000	1.9290	1.24
13	PCB-128/162	46.22	46.19	9.379e4	7.345e4	7.928e3	6.413e3	1.24	NO	1.434e4	52.625	52.625	1.53
14	PCB-167	46.63	46.63	3.192e4	2.369e4	2.709e3	2.103e3	1.29	NO	4.812e3	14.829	14.829	1.29
15	PCB-156	47.95	47.95	7.583e4	6.397e4	6.704e3	5.595e3	1.20	NO	1.230e4	36.572	36.572	1.24
16	PCB-157	48.24	48.24	1.457e4	1.262e4	1.418e3	1.332e3	1.07	NO	2.750e3	8.3422	8.3420	1.38

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-8.qld

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-188	42.57	42.53	1.142e3	1.015e3	9.936e1	7.904e1	1.26	YES	1.784e2	0.00000	0.47500	0.533
2	PCB-184	43.01	43.03	2.742e3	3.281e3	2.049e2	2.167e2	0.94	NO	4.216e2	1.2460	1.2460	0.537
3	PCB-179	43.81	43.84	9.684e4	1.004e5	8.060e3	8.124e3	0.99	NO	1.618e4	50.733	50.733	0.570
4	PCB-176	44.30	44.30	3.277e4	2.818e4	2.780e3	2.287e3	1.22	YES	5.068e3	0.00000	14.194	0.550
5	PCB-186	44.92	44.94	1.421e3	1.593e3	9.906e1	1.007e2	0.98	NO	1.997e2	0.54652	0.54700	0.497
6	PCB-178	45.45	45.45	4.117e4	3.774e4	3.312e3	3.040e3	1.09	NO	6.353e3	25.778	25.778	0.738
7	PCB-175	45.81	45.81	9.623e3	9.025e3	7.937e2	7.315e2	1.09	NO	1.525e3	6.0242	6.0240	0.718
8	PCB-182/187	45.99	45.98	2.534e5	2.363e5	2.142e4	2.049e4	1.05	NO	4.191e4	149.90	149.90	0.650
9	PCB-183	46.30	46.32	1.107e5	9.537e4	9.097e3	8.156e3	1.12	NO	1.725e4	63.861	63.861	0.673
10	PCB-185	46.99	46.99	3.098e4	2.824e4	2.560e3	2.415e3	1.06	NO	4.975e3	17.956	17.956	0.688
11	PCB-174	47.36	47.37	1.825e5	1.891e5	1.535e4	1.573e4	0.98	NO	3.108e4	115.94	115.94	0.711
12	PCB-181	47.46	47.46	1.885e4	1.420e4	9.740e2	7.447e2	1.31	YES	1.719e3	0.00000	5.1320	0.641
13	PCB-177	47.66	47.65	1.015e5	1.026e5	8.793e3	8.344e3	1.05	NO	1.714e4	67.112	67.112	0.747
14	PCB-171	47.93	47.95	5.562e4	5.317e4	4.341e3	4.364e3	1.00	NO	8.705e3	31.955	31.955	0.700
15	PCB-173	48.39	48.39	8.099e3	7.555e3	6.759e2	6.350e2	1.06	NO	1.311e3	5.4882	5.4880	0.798
16	PCB-172	48.87	48.86	2.848e4	3.070e4	2.549e3	2.569e3	0.99	NO	5.118e3	18.196	18.196	0.678
17	PCB-180	49.28	49.28	4.264e5	4.097e5	3.615e4	3.409e4	1.06	NO	7.024e4	241.27	241.27	0.655
18	PCB-193	49.49	49.51	2.884e4	2.862e4	2.806e3	2.611e3	1.08	NO	5.416e3	16.451	16.451	0.579
19	PCB-191	49.75	49.75	1.109e4	8.534e3	1.121e3	8.097e2	1.38	YES	1.930e3	0.00000	4.9270	0.566
20	PCB-170	50.95	50.95	1.572e5	1.522e5	1.360e4	1.290e4	1.05	NO	2.650e4	103.74	103.74	0.777
21	PCB-190	51.15	51.17	6.253e4	5.767e4	5.561e3	5.010e3	1.11	NO	1.057e4	31.644	31.644	0.594
22	PCB-189	52.73	52.73	1.196e4	1.173e4	8.983e2	1.024e3	0.88	YES	1.922e3	0.00000	5.0460	0.514

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	48.18	48.16	3.117e4	4.282e4	2.426e3	3.395e3	0.71	YES	5.822e3	0.00000	14.684	0.511
2	PCB-201	48.67	48.65	3.235e4	3.585e4	2.568e3	2.826e3	0.91	NO	5.394e3	16.917	16.917	0.562
3	PCB-204	48.83	48.82	5.259e3	6.148e3	4.790e2	4.206e2	1.14	YES	8.997e2	0.00000	2.3600	0.532
4	PCB-197	49.15	49.13	1.986e4	1.909e4	1.734e3	1.631e3	1.06	YES	3.365e3	0.00000	9.0630	0.527
5	PCB-200	50.07	50.08	4.266e4	4.999e4	3.413e3	4.246e3	0.80	NO	7.659e3	23.827	23.827	0.558
6	PCB-198	51.71	51.67	1.929e4	2.131e4	1.333e3	1.398e3	0.95	NO	2.731e3	11.128	11.128	0.730
7	PCB-199	51.84	51.80	1.439e5	1.563e5	1.099e4	1.245e4	0.88	NO	2.344e4	94.140	94.140	0.720
8	PCB-196/203	52.14	52.10	2.128e5	2.447e5	1.558e4	1.794e4	0.87	NO	3.352e4	125.93	125.93	0.674

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	53.41	53.42	7.940e4	7.789e4	4.792e3	4.911e3	0.98	NO	9.703e3	47.055	47.055	0.873
2	PCB-194	54.36	54.36	1.087e5	1.297e5	6.561e3	7.938e3	0.83	NO	1.450e4	63.457	63.457	0.788
3	PCB-205	54.61	54.63	1.823e4	2.424e4	1.172e3	1.456e3	0.81	NO	2.629e3	9.6161	9.6160	0.658

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	53.57	53.57	1.398e5	1.048e5	8.657e3	6.659e3	1.30	NO	1.532e4	65.893	65.893	0.631
2	PCB-207	53.90	53.90	1.242e5	9.301e4	7.211e3	5.346e3	1.35	NO	1.256e4	54.736	54.736	0.640
3	PCB-206	55.88	55.88	2.472e5	1.872e5	1.452e4	1.079e4	1.35	NO	2.531e4	141.08	141.08	0.800

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.12	57.14	4.731e5	4.061e5	2.728e4	2.328e4	1.17	NO	5.056e4	234.77	234.76	0.611

Total PCBs

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

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	15.19	15.18	6.578e6	2.065e6	4.334e5	1.332e5	3.25	NO	5.666e5	914.28		2.18
2	13C-PCB-3	17.81	17.83	5.772e6	1.811e6	4.168e5	1.321e5	3.15	NO	5.489e5	888.90		2.19

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	19.16	19.16	2.882e6	1.854e6	2.126e5	1.366e5	1.56	NO	3.491e5	880.82		1.72
2	13C-PCB-9	20.99	21.02	5.259e6	3.396e6	3.188e5	2.026e5	1.57	NO	5.214e5	821.51		1.07
3	13C-PCB-11	24.43	24.41	4.720e6	2.970e6	3.477e5	2.189e5	1.59	NO	5.667e5	922.07		1.11
4	13C-PCB-15	25.11	25.14	1.001e7	6.574e6	8.024e5	5.207e5	1.54	NO	1.323e6	2000.4		1.03

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	23.37	23.35	2.732e6	2.660e6	1.752e5	1.741e5	1.01	NO	3.494e5	1043.0		5.36
2	13C-PCB-32	26.34	26.33	4.251e6	4.268e6	2.861e5	2.876e5	1.00	NO	5.737e5	1175.4		3.68

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	28.23	28.24	7.074e6	6.939e6	5.489e5	5.856e5	0.94	NO	1.135e6	2000.4		4.33
2	13C-PCB-28	28.35	28.35	3.776e6	3.376e6	3.434e5	3.249e5	1.06	NO	6.683e5	1112.1		4.09
3	13C-PCB-37	32.34	32.35	3.079e6	3.074e6	3.062e5	3.062e5	1.00	NO	6.124e5	1103.1		4.43

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ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

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	27.17	27.18	2.796e6	3.650e6	2.166e5	2.812e5	0.77	NO	4.978e5	777.47		1.06
2	13C-PCB-52	30.84	30.83	2.562e6	3.488e6	2.016e5	2.683e5	0.75	NO	4.699e5	915.70		1.32
3	13C-PCB-47	31.35	31.35	2.787e6	3.604e6	2.210e5	2.855e5	0.77	NO	5.065e5	932.07		1.25
4	13C-PCB-70	34.96	34.98	3.282e6	4.282e6	2.909e5	3.759e5	0.77	NO	6.668e5	1041.4		1.06
5	13C-PCB-80	35.41	35.42	3.446e6	4.235e6	3.079e5	3.854e5	0.80	NO	6.933e5	1047.9		1.03
6	13C-PCB-60	36.25	36.24	6.485e6	8.238e6	5.758e5	7.296e5	0.79	NO	1.305e6	2000.4		1.04
7	13C-PCB-79	37.34	37.36	5.457e6	7.194e6	5.321e5	7.023e5	0.76	NO	1.234e6	1826.1		1.01
8	13C-PCB-81	38.60	38.63	3.234e6	4.100e6	3.168e5	4.375e5	0.72	NO	7.544e5	1161.9		1.05
9	13C-PCB-77	39.20	39.26	2.941e6	3.747e6	3.358e5	4.178e5	0.80	NO	7.536e5	1182.2		1.07

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	32.00	32.00	5.047e6	3.289e6	3.911e5	2.510e5	1.56	NO	6.421e5	869.97		0.721
2	13C-PCB-95	35.30	35.28	4.111e6	2.574e6	3.299e5	2.113e5	1.56	NO	5.412e5	945.22		0.929
3	13C-PCB-101	37.01	37.03	4.613e6	2.804e6	3.703e5	2.325e5	1.59	NO	6.028e5	985.05		0.870
4	13C-PCB-97	38.35	38.37	3.969e6	2.520e6	3.282e5	2.076e5	1.58	NO	5.358e5	1073.7		1.07
5	13C-PCB-111	38.82	38.81	1.048e7	6.840e6	8.909e5	5.791e5	1.54	NO	1.470e6	2000.4		0.724
6	13C-PCB-123	41.00	41.03	5.563e6	3.537e6	4.758e5	3.045e5	1.56	NO	7.803e5	1094.6		0.747
7	13C-PCB-118	41.19	41.21	5.601e6	3.595e6	5.069e5	3.239e5	1.57	NO	8.308e5	1129.5		0.724

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	41.89	41.89	3.939e6	2.530e6	3.660e5	2.323e5	1.58	NO	5.983e5	915.03		1.28
2	13C-PCB-105	42.78	42.78	3.893e6	2.491e6	3.738e5	2.414e5	1.55	NO	6.152e5	914.52		1.24
3	13C-PCB-127	43.14	43.14	4.041e6	2.629e6	3.926e5	2.589e5	1.52	NO	6.515e5	930.00		1.19
4	13C-PCB-126	45.08	45.11	3.430e6	2.145e6	3.544e5	2.262e5	1.57	NO	5.806e5	835.35		1.20

Quantify Totals Report MassLynx 4.1 SCN815

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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	42.95	42.93	4.001e6	3.250e6	3.284e5	2.685e5	1.22	NO	5.969e5	1076.2		1.65
2	13C-PCB-141	43.70	43.69	3.289e6	2.578e6	2.770e5	2.190e5	1.26	NO	4.960e5	1083.2		1.99
3	13C-PCB-138	44.57	44.56	3.567e6	2.781e6	3.008e5	2.358e5	1.27	NO	5.366e5	1102.0		1.88
4	13C-PCB-159	45.91	45.91	4.157e6	3.315e6	3.637e5	2.883e5	1.26	NO	6.520e5	1107.2		1.55
5	13C-PCB-128	46.16	46.17	5.392e6	4.338e6	4.697e5	3.754e5	1.25	NO	8.452e5	2000.4		2.16
6	13C-PCB-167	46.61	46.61	4.285e6	3.456e6	3.756e5	3.003e5	1.25	NO	6.759e5	1121.8		1.52
7	13C-PCB-156	47.92	47.93	4.012e6	3.241e6	3.504e5	2.827e5	1.24	NO	6.331e5	1119.2		1.61
8	13C-PCB-157	48.21	48.22	4.018e6	3.240e6	3.839e5	3.031e5	1.27	NO	6.870e5	1196.5		1.59
9	13C-PCB-169	50.49	50.51	3.705e6	2.872e6	3.614e5	2.811e5	1.29	NO	6.425e5	1141.7		1.62

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	54.35	54.34	3.416e6	3.819e6	2.030e5	2.279e5	0.89	NO	4.309e5	1306.0		1.12
2	13C-PCB-205	54.64	54.62	7.682e6	8.361e6	4.441e5	4.855e5	0.92	NO	9.297e5	2000.4		0.797

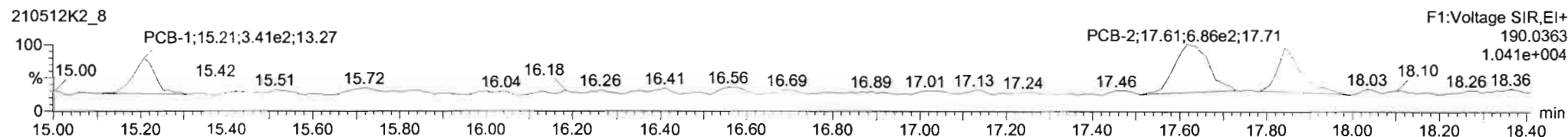
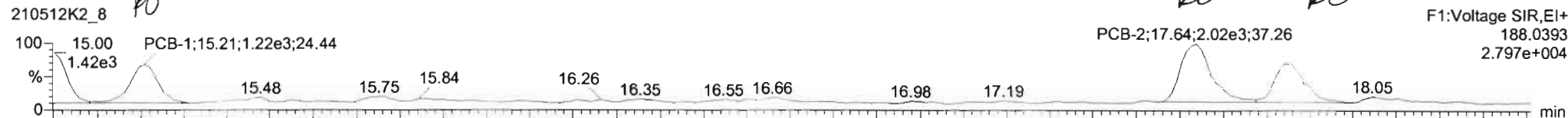
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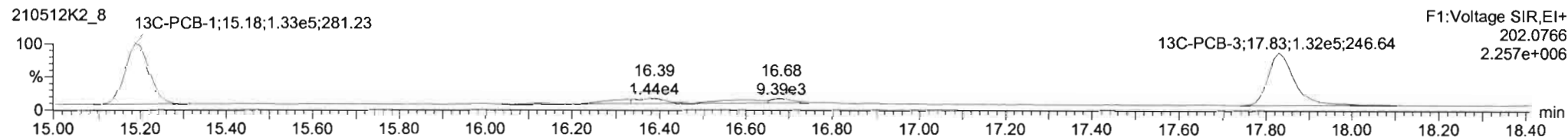
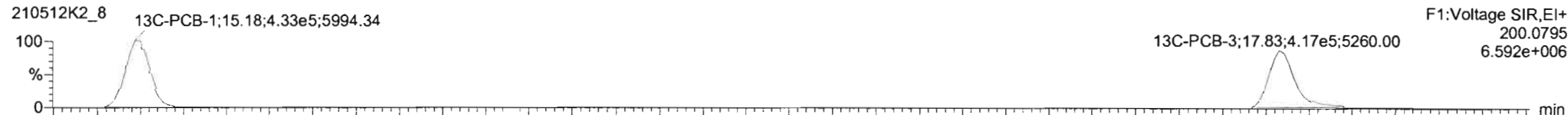
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

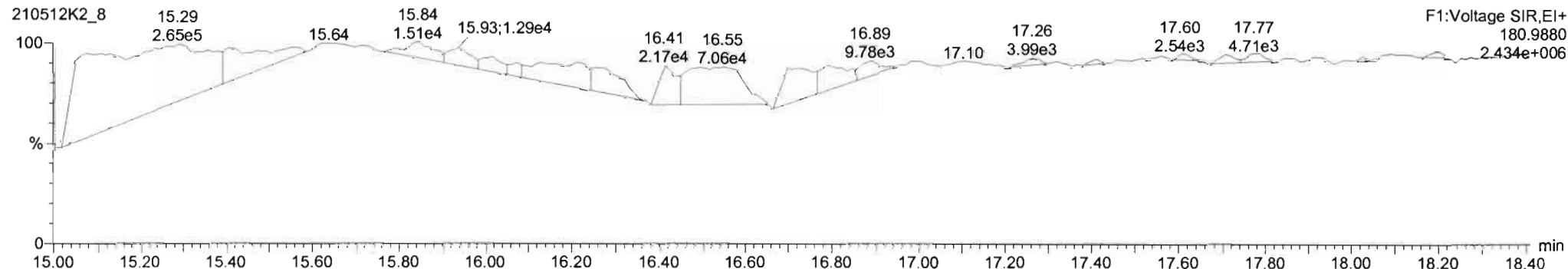
PCB-1



13C-PCB-1



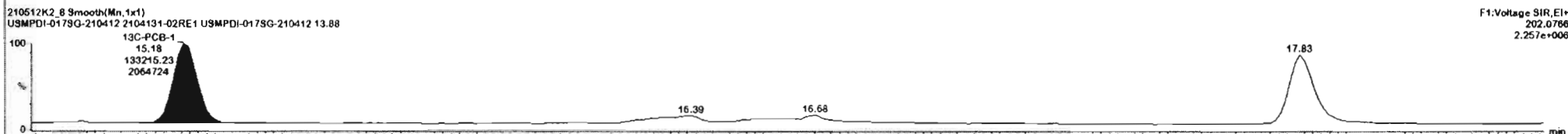
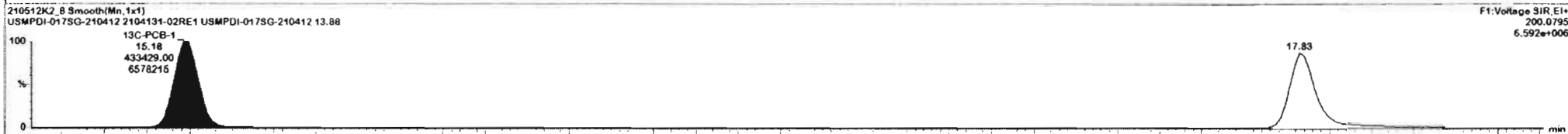
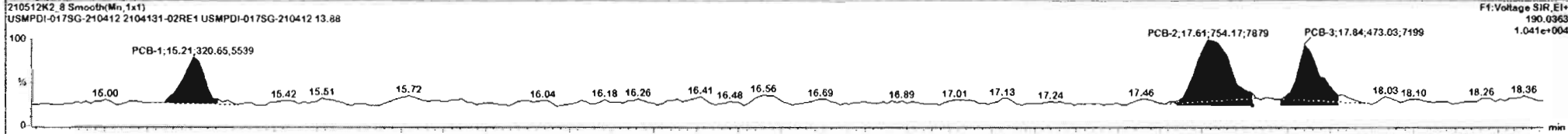
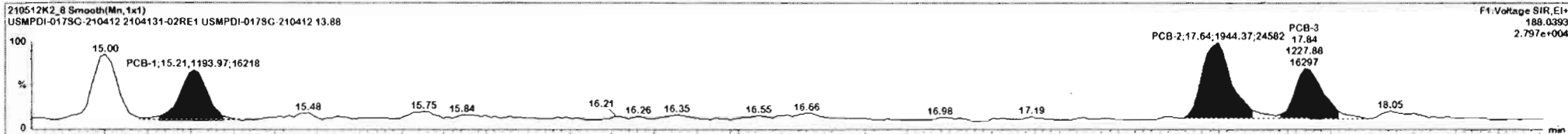
PFK1



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13 83 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wgt	Pred. RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.0034	4.96%	9.00		0.000		NO	0.0000		1.83	19.78
225	225 Total Di-PCBs				1.0367	4.99%	9.00		0.000		NO	83.27		11.4	98.03

#	Name	Pred. RT	RT	m1 Resp	m2 Resp	1* Ratio (Prec)	RA	n/y	EMPC	Conc.
1	3 PCB-3	17.84	17.84	1.229e3	4.739e2	3.130	2.60	YES	5.8299	0.00000
2	2 PCB-2	17.82	17.84	1.944e3	7.542e2	3.130	2.58	YES	9.1486	0.00000
3	1 PCB-1	15.19	15.21	1.194e3	7.206e2	3.130	3.72	YES	4.7431	0.00000

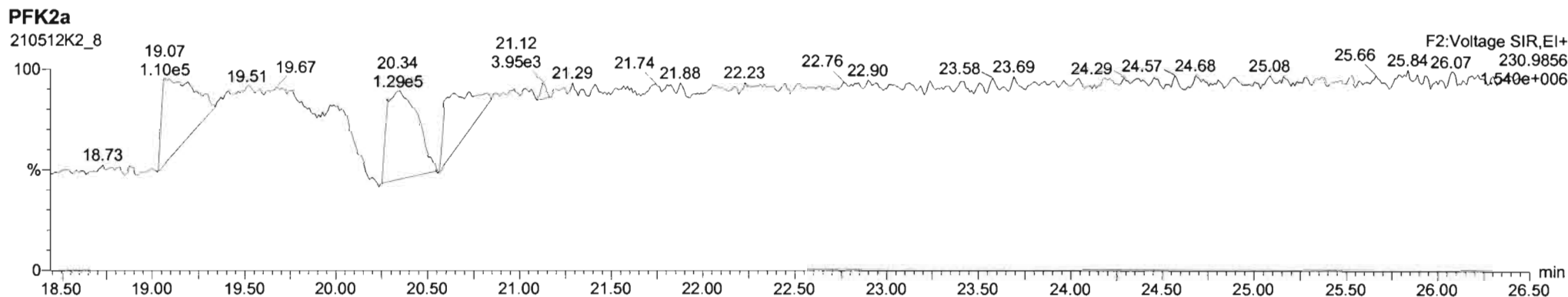
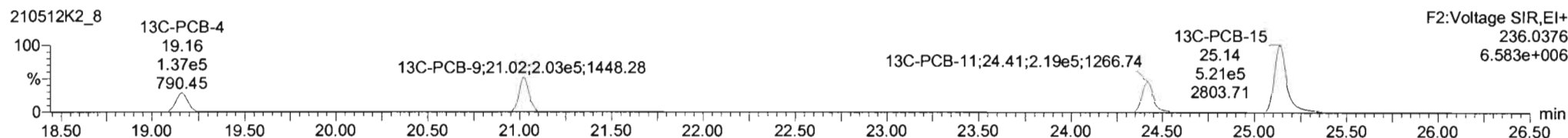
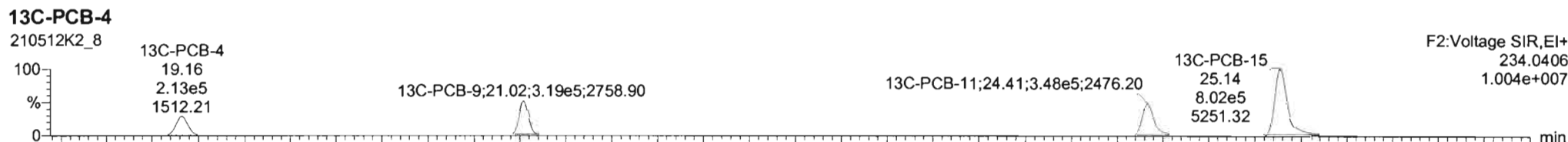
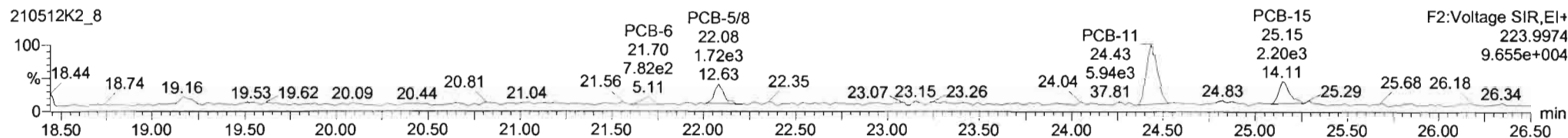
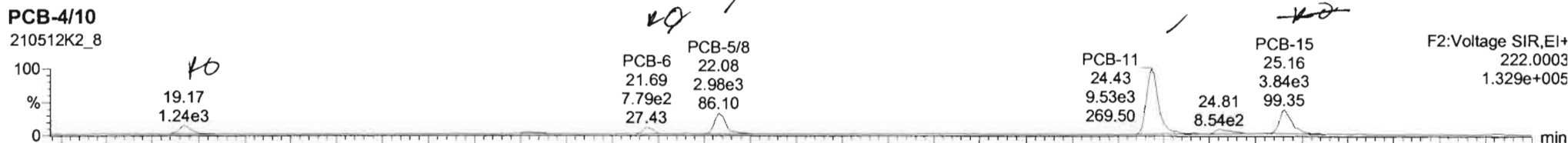


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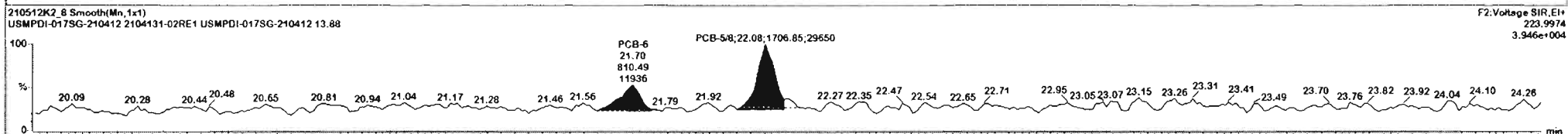
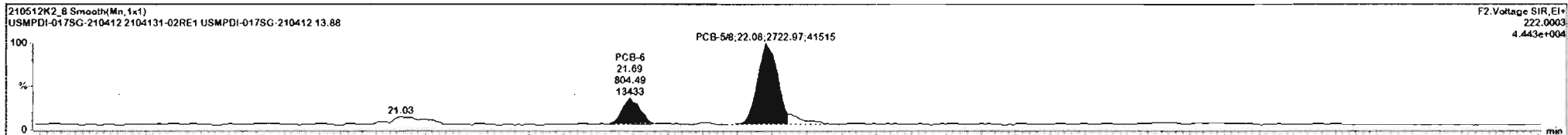
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



#	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				1.0034	4.999	0.00		0.000		NO	0.0000		1.63	19.76
225	225 Total Di-PCBs				1.0367	4.999	0.00		0.000		NO	83.27		11.4	98.03

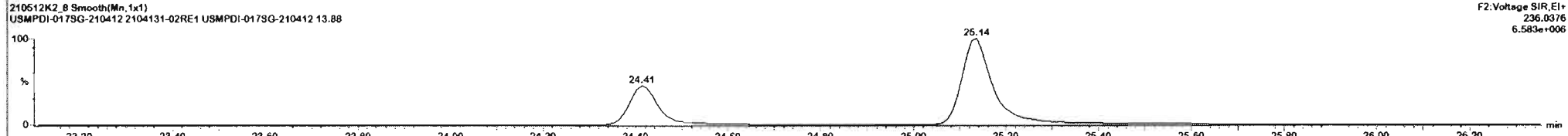
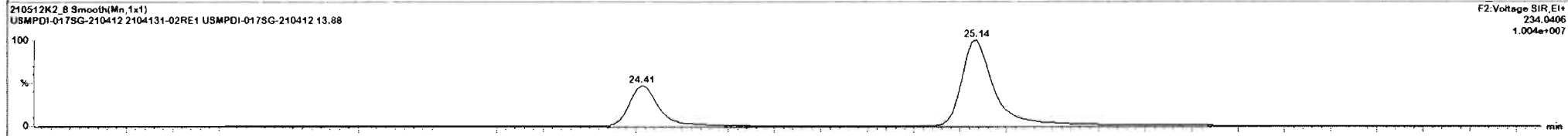
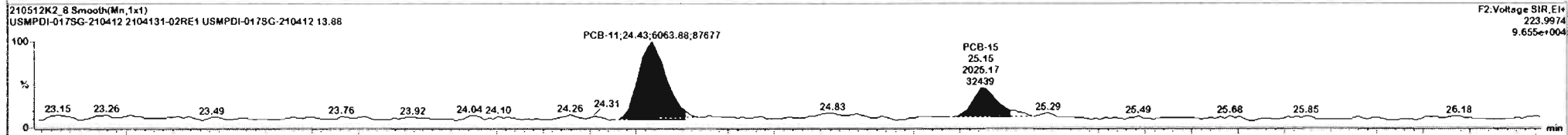
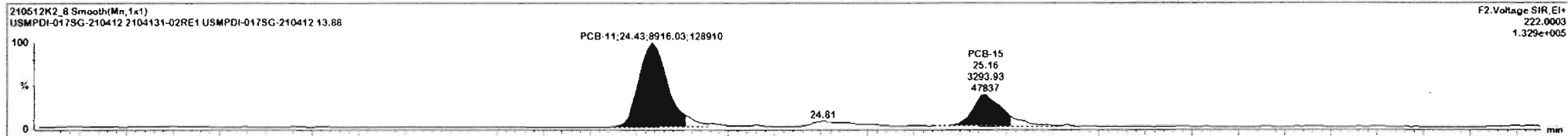
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4/10	19.24	19.17	1.243e3	9.681e2	1.560	1.28	YES	9.6775	0.00000
2	11 PCB-15	25.14	25.16	3.294e3	2.025e3	1.560	1.63	NO	18.466	18.466
3	9 PCB-11	24.43	24.43	8.916e3	8.094e3	1.560	1.47	NO	47.385	47.385
4	7 PCB-5/8	22.12	22.08	2.723e3	1.707e3	1.560	1.60	NO	17.417	17.417
5	6 PCB-6	21.71	21.69	6.045e2	6.105e2	1.560	0.99	YES	5.0835	0.00000



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	4.999	0.00		0.000		NO	0.0000		1.83	19.78
225	Total Di-PCBs				1.0367	4.999	0.00		0.000		NO	83.27		11.4	98.03

#	Name	Pred RT	RT	m1 Resp	m2 Resp	I* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-4/10	19.24	19.17	1.24e3	9.681e2	1.560	1.20	YES	9.6775	0.00000
2	PCB-15	25.14	25.16	3.29e3	2.025e3	1.560	1.03	NO	18.468	18.468
3	PCB-11	24.43	24.43	8.916e3	6.084e3	1.560	1.47	NO	47.385	47.385
4	PCB-5/6	22.12	22.08	2.723e3	1.707e3	1.560	1.80	NO	17.417	17.417
5	PCB-6	21.71	21.69	8.045e2	6.105e2	1.560	0.99	YES	5.0335	0.00000

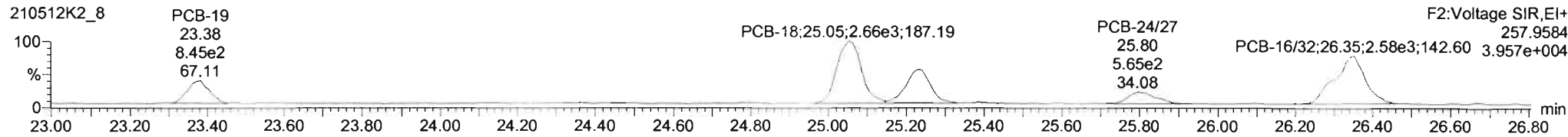
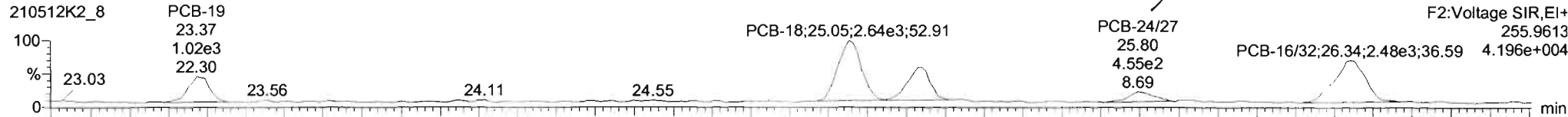


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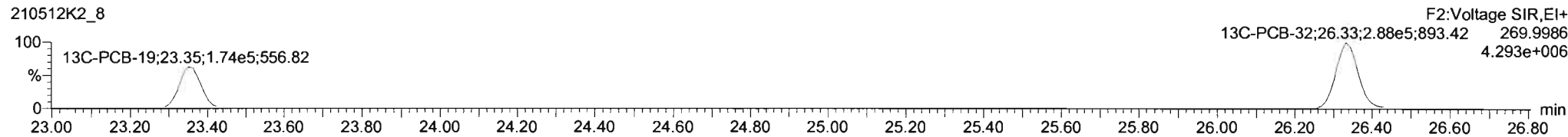
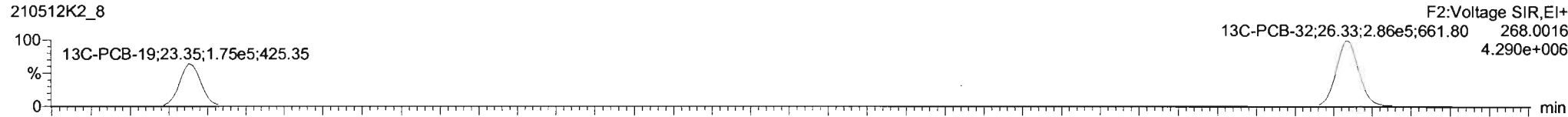
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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

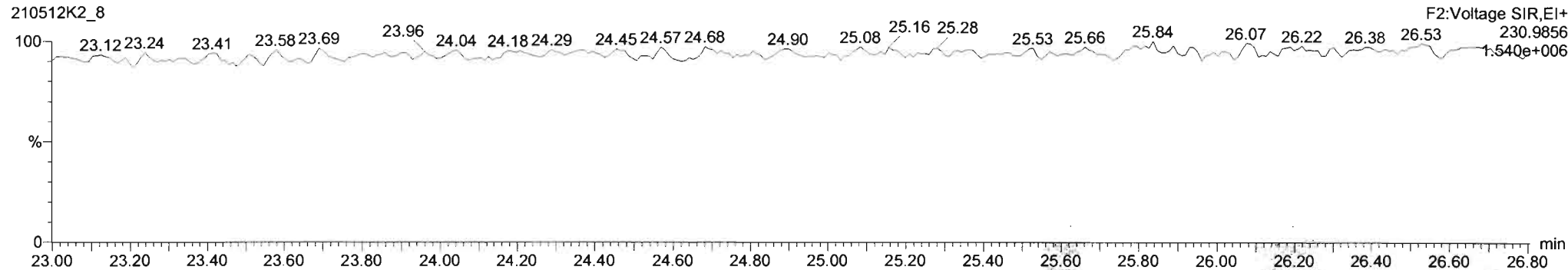
PCB-19



13C-PCB-19

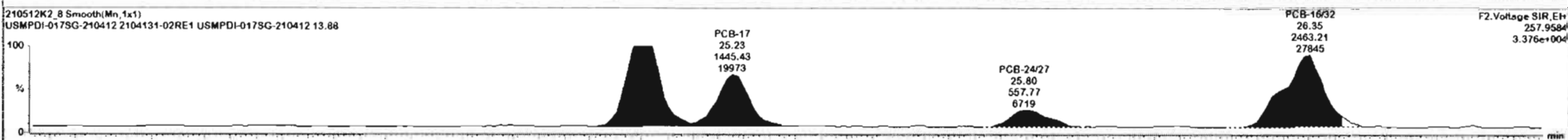
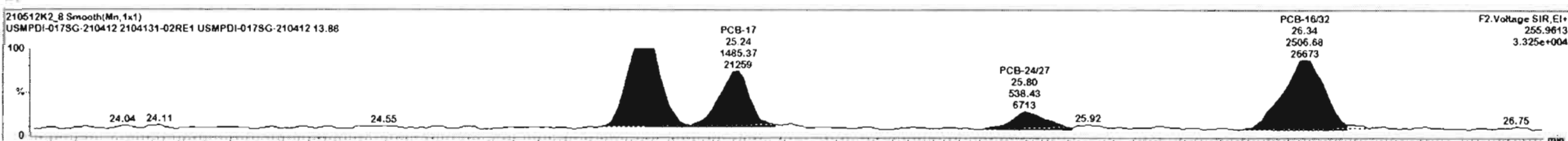


PFK2b



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				0.9434	4.969	0.00					NO	66.19	3.35	78.35
227	227 3rd Function Tri-PCBs				0.9687	4.999	0.00					NO	180.7	11.4	204.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	14 PCB-18	25.05	25.05	2.679e3	2.857e3	1.040	1.01	NO	25.859	25.859
2	12 PCB-19	23.20	23.27	1.020e3	8.453e2	1.040	1.21	YES	10.157	0.00000
3	17 PCB-16/32	26.78	26.34	2.007e3	2.483e3	1.040	1.02	NO	21.020	21.020
4	16 PCB-24/27	25.81	25.80	5.384e2	5.878e2	1.040	0.97	NO	4.0995	4.0995
5	15 PCB-17	25.23	25.24	1.485e3	1.445e3	1.040	1.03	NO	15.213	15.213

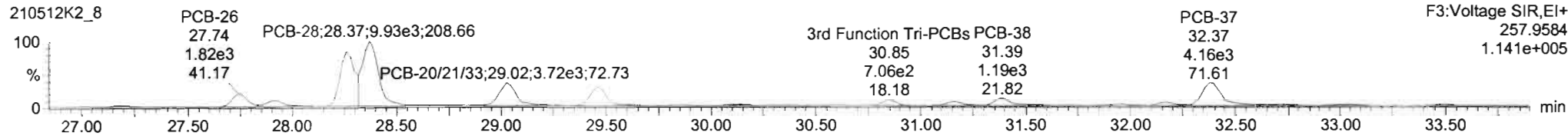


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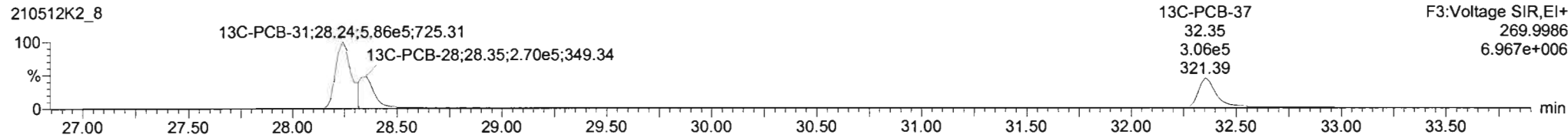
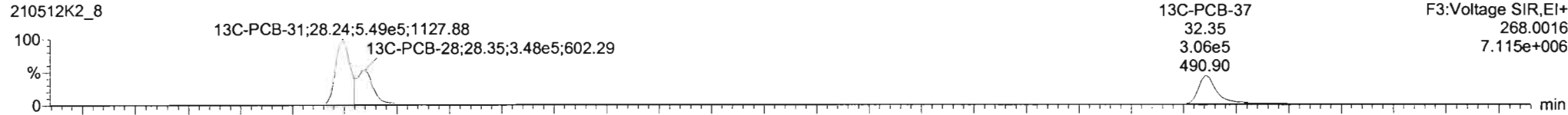
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

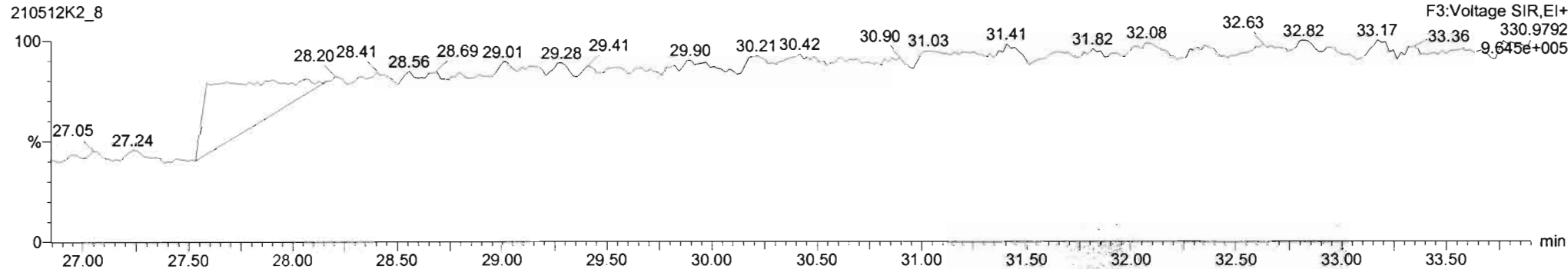
PCB-34



13C-PCB-28

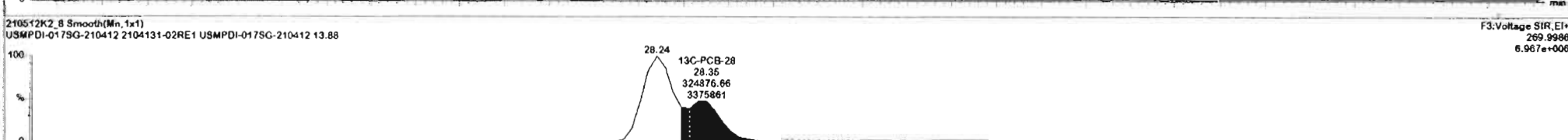
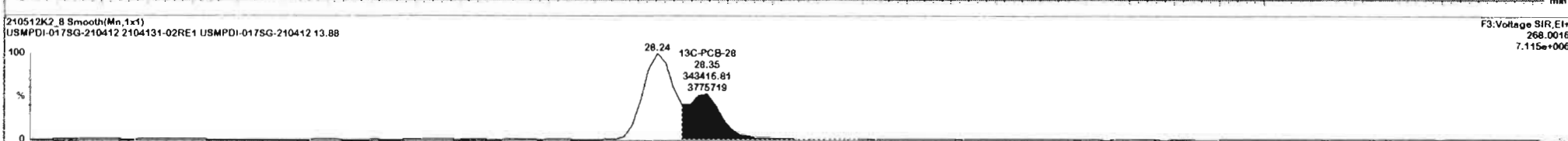
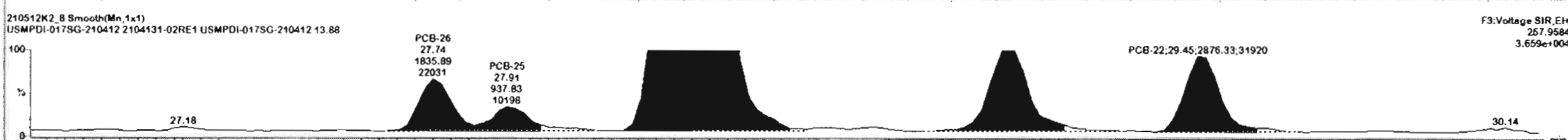
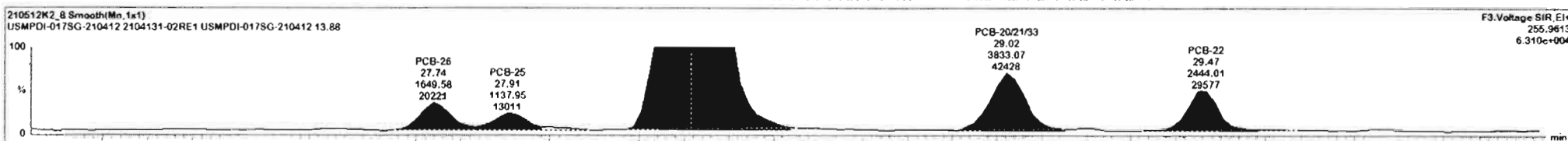


PFK3d



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.L	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				0.9434	4.999	0.00		0.000		NO	68.19		3.35	78.35
227	227 3rd Function Tri-PCBs				0.9687	4.999	0.00		0.000		NO	175.71		11.31	198.71

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	30 PCB-35	31.93	31.93	3.789e2	2.612e2	1.040	1.44	YES	1.6834	0.60000
2	29 PCB-38	31.29	31.39	1.270e3	1.004e3	1.040	1.15	NO	7.2814	7.2614
3	26 PCB-22	29.46	29.47	2.444e3	2.678e3	1.040	0.88	YES	15.138	5.00000
4	25 PCB-20/21/33	29.00	29.02	3.833e3	3.573e3	1.040	1.07	NO	24.288	24.288
5	24 PCB-28	28.27	28.27	1.092e4	9.855e3	1.040	1.10	NO	61.444	61.444
6	23 PCB-31	28.28	28.28	7.949e3	7.219e3	1.040	1.09	NO	44.361	44.361
7	22 PCB-25	27.31	27.31	1.138e3	9.378e2	1.040	1.21	YES	8.2564	0.00000

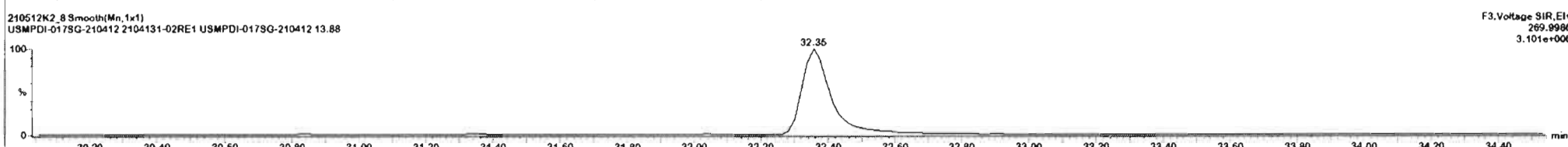
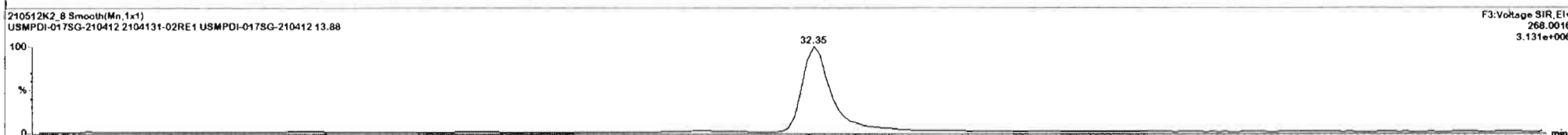
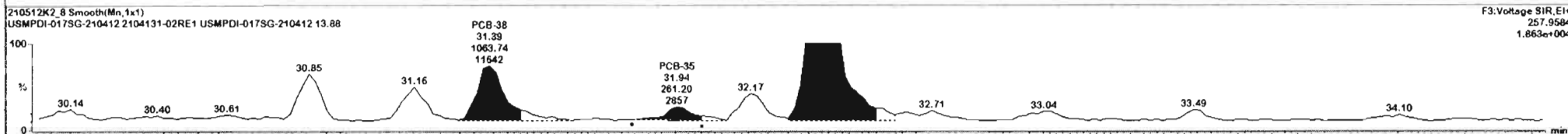
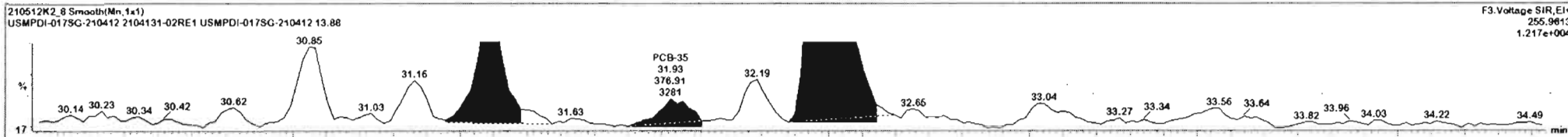


Ready 27.00 27.20 27.40 27.60 27.80 28.00 28.20 28.40 28.60 28.80 29.00 29.20 29.40 29.60 29.80 30.00 30.20 min

210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.83 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred_RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				0.9434	4.999	0.00		0.000		NO	68.19		3.35	78.35
227	227 3rd Function Tri-PCBs				0.9687	4.999	0.00		0.001		NO	175.71		11.31	198.71

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	30 PCB-35	31.93	31.93	3.789e2	2.612e2	1.040	1.44	YES	1.6834	0.00000
2	29 PCB-38	31.39	31.39	1.270e3	1.954e3	1.940	1.19	NO	7.2814	7.2614
3	26 PCB-22	29.46	29.47	2.444e3	2.876e3	1.940	0.85	YES	15.136	0.00000
4	25 PCB-20/21/33	29.00	29.02	3.833e3	3.573e3	1.040	1.07	NO	24.286	24.288
5	24 PCB-28	28.17	28.17	1.092e4	9.895e3	1.040	1.10	NO	81.944	61.444
6	23 PCB-31	28.28	28.28	7.949e3	7.219e3	1.040	1.09	NO	44.361	44.361
7	22 PCB-25	27.91	27.91	1.138e3	9.378e2	1.040	1.21	YES	6.2564	0.00000

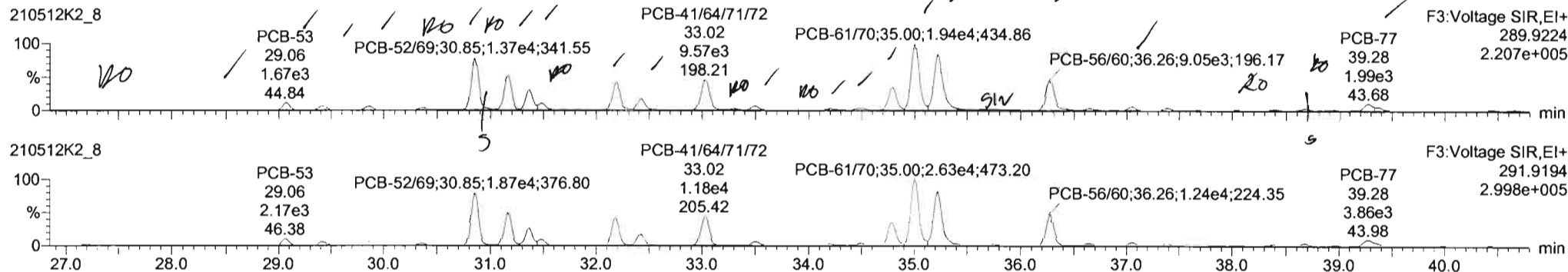


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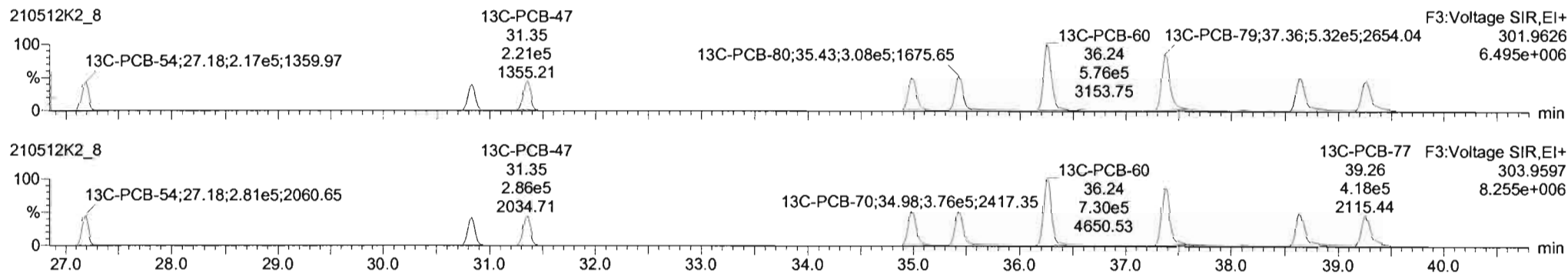
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

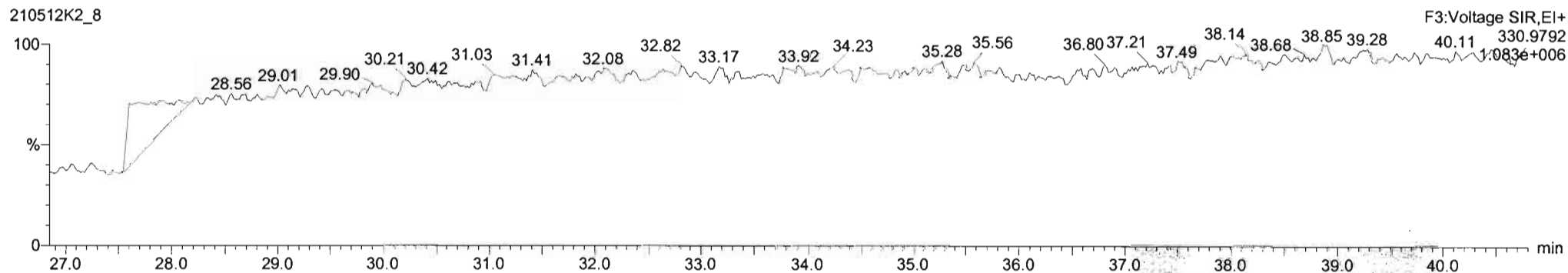
PCB-54



13C-PCB-54



PFK3a

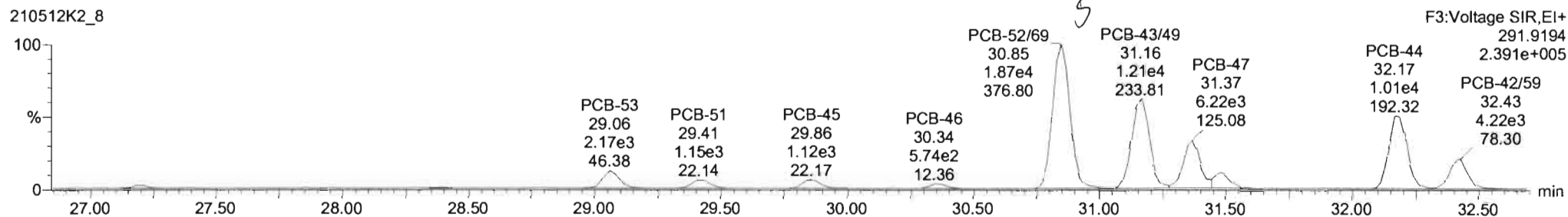
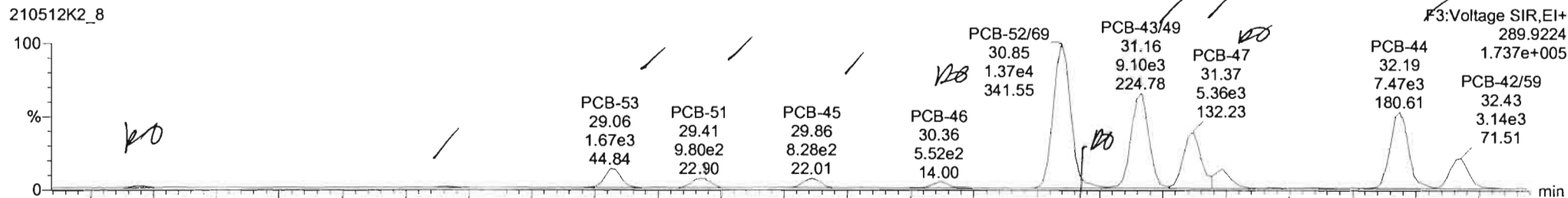


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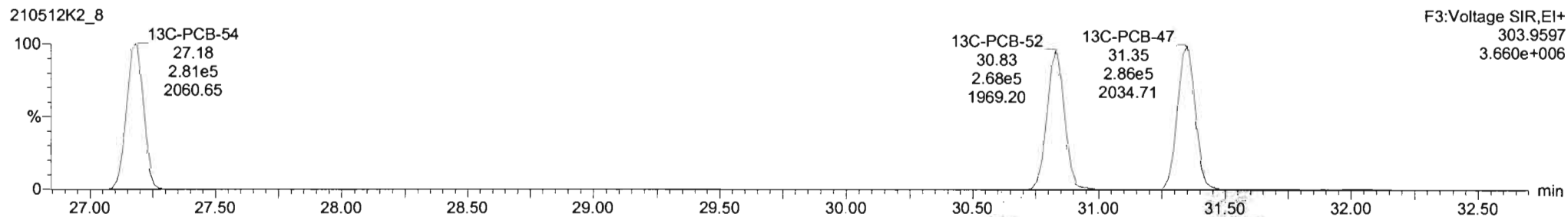
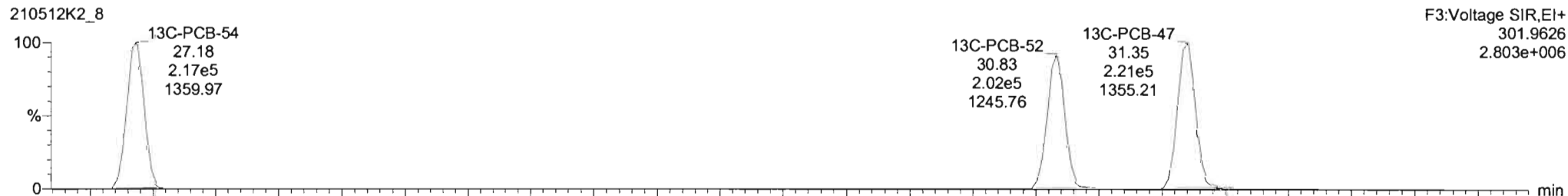
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PCB-50

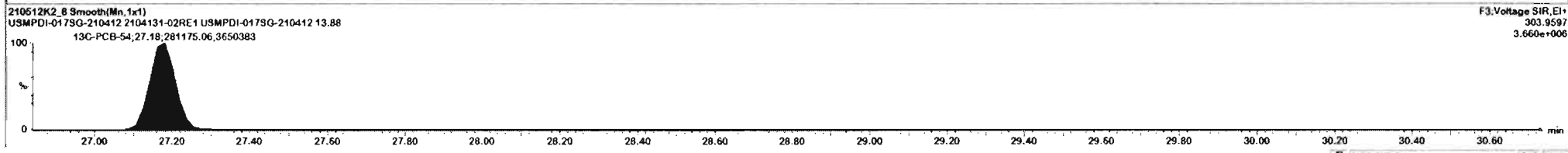
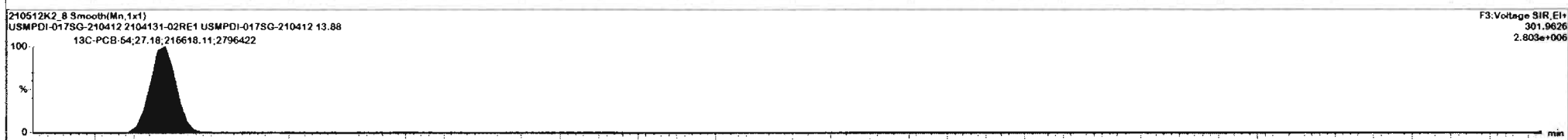
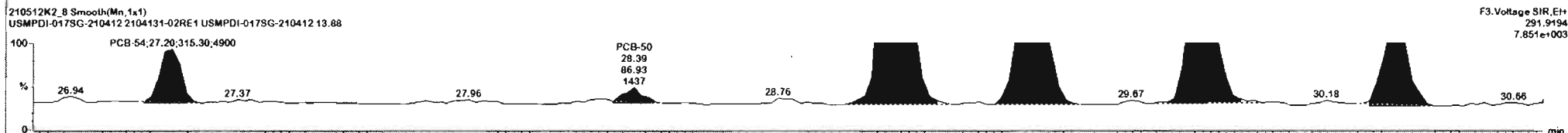
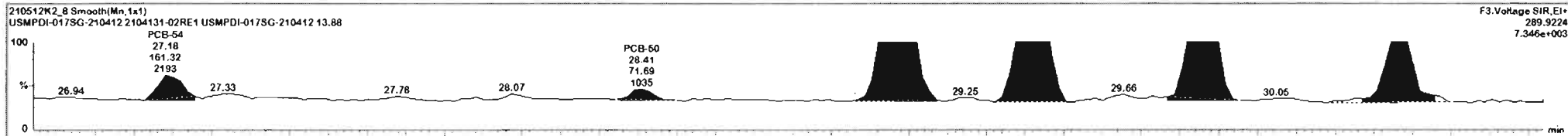


13C-PCB-52



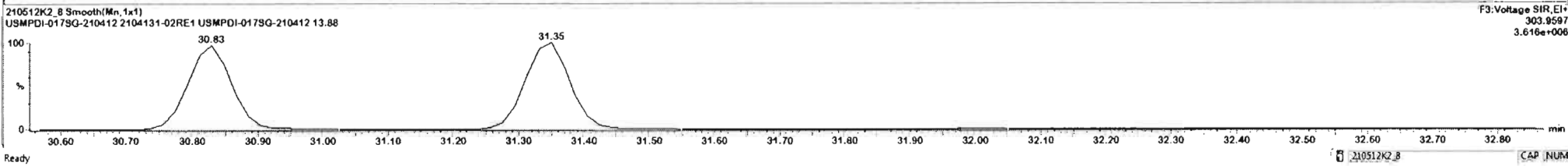
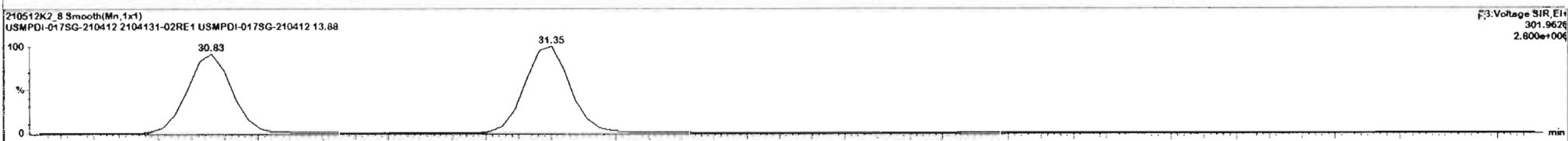
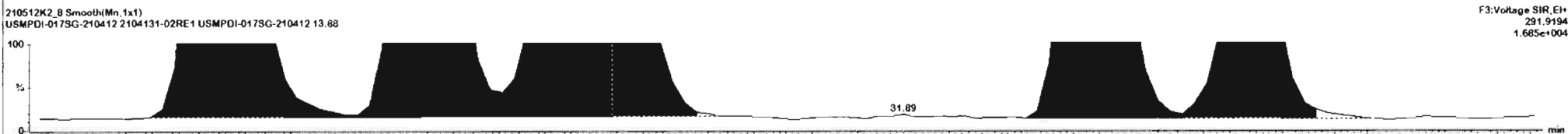
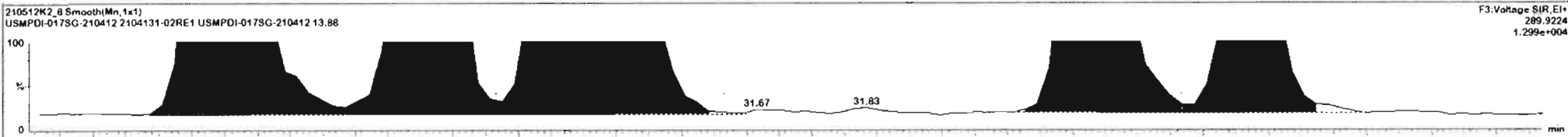
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	890.7		22.3	928.2
229	3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.1	1328

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	37 PCB-46	30.36	30.38	5.224e2	5.501e2	0.770	0.90	YES	5.6738	0.00000
2	36 PCB-45	29.36	29.38	3.588e2	1.094e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.41	29.41	9.817e2	1.165e3	0.770	0.65	NO	9.1204	9.1204
4	34 PCB-53	29.06	29.06	1.683e3	2.185e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-50	28.40	28.41	7.169e1	6.893e1	0.770	0.62	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.615e2	3.153e2	0.770	0.51	YES	1.5296	0.00000
7	54 PCB-74	34.78	34.79	6.585e2	9.071e3	0.770	0.74	NO	43.470	43.470



#	Name	Resp	RA	n/y	RRF	w/wgt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	890.7		22.3	928.2
229	229 3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.11	1328

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pres)	RA	n/y	EMPC	Conc.
1	37 PCB-46	30.36	30.36	5.224e2	5.801e2	0.770	0.90	YES	5.8738	0.00000
2	36 PCB-45	29.06	29.06	8.568e2	1.094e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.41	29.41	9.817e2	1.160e3	0.770	0.85	NO	9.1204	9.1204
4	34 PCB-53	29.06	29.06	1.663e3	2.160e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-52	28.40	28.41	7.169e1	0.693e1	0.770	0.62	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.613e2	3.153e2	0.770	0.51	YES	1.5296	0.00000
7	54 PCB-74	34.78	34.79	6.685e3	9.071e3	0.770	0.74	NO	43.470	43.470



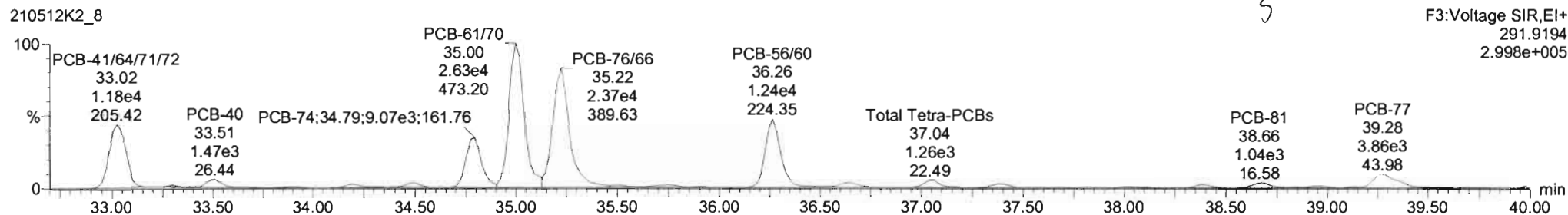
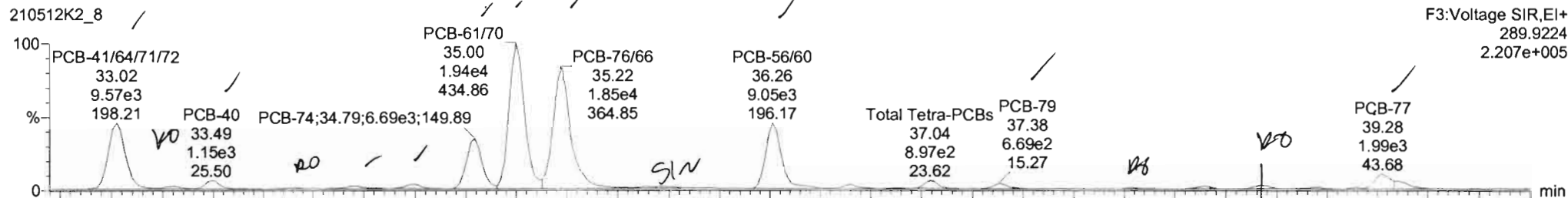
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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

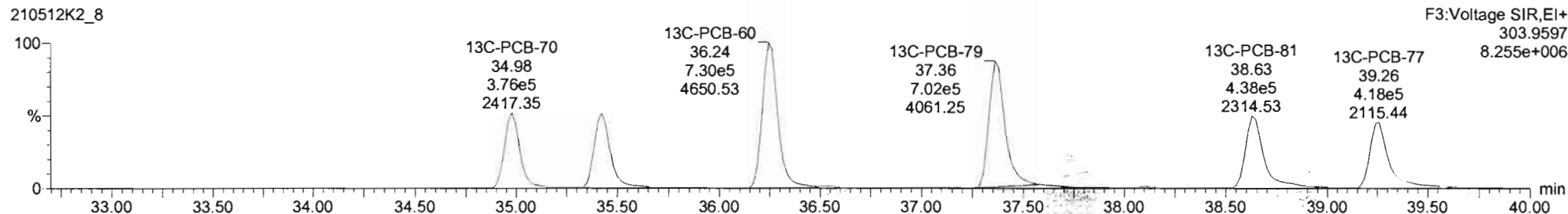
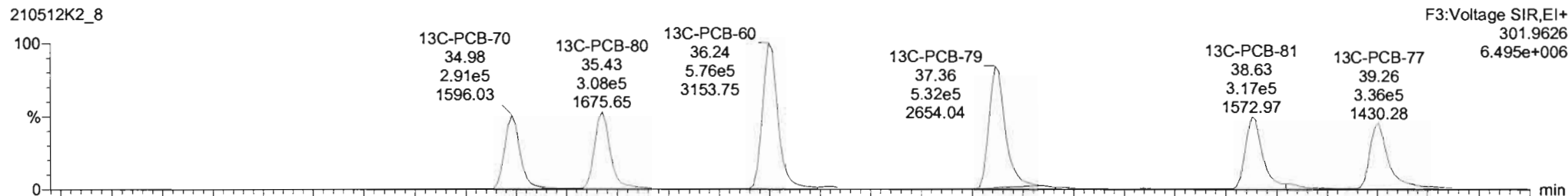
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

PCB-68



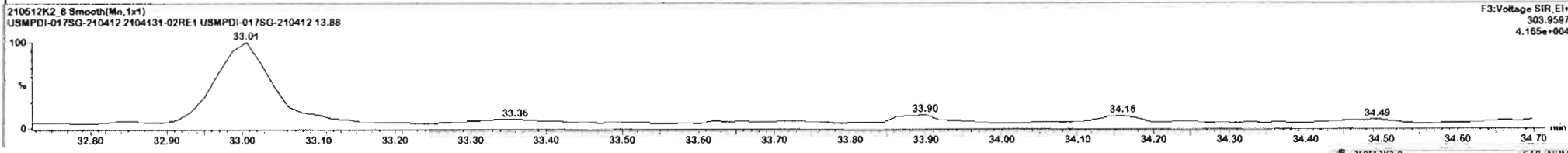
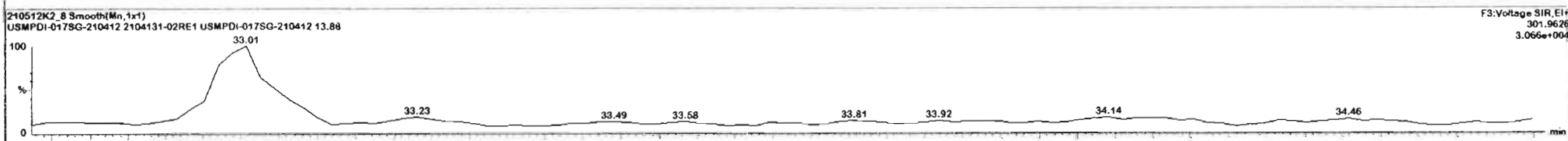
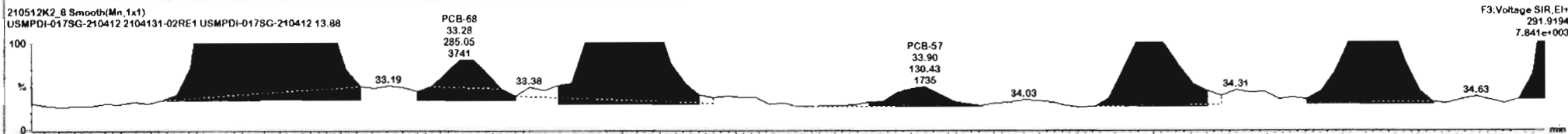
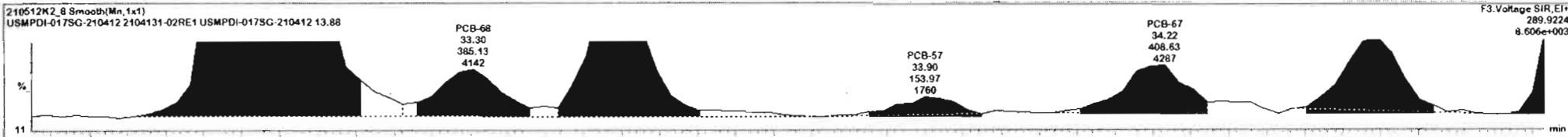
13C-PCB-60



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

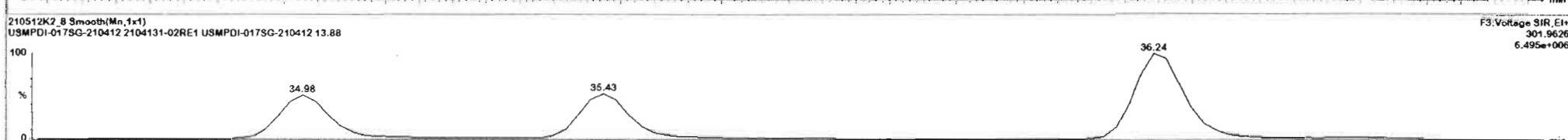
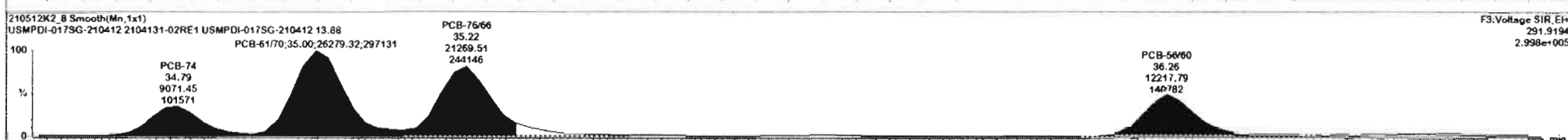
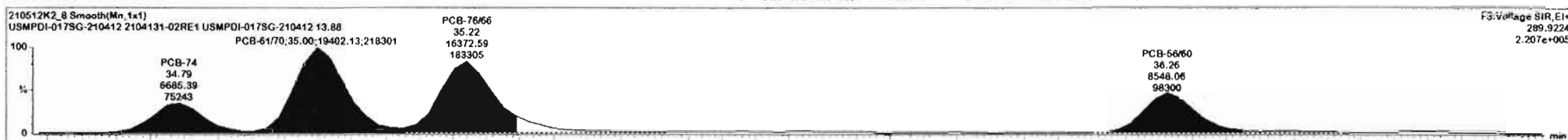
#	Name	Resp	RA	nly	RRF	wSrvl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	860.7		22.3	928.2
229	3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1710		24.1	1328

#	Name	Pred.RT	RT	mt Resp	mS Res	14 Ratio (Pred)	RA	nly	EMPC	Conc
1	37 PCB-46	30.38	30.38	5.224e2	5.8014e3	0.770	0.90	YES	5.6738	6.00000
2	36 PCB-45	29.86	29.86	6.566e2	1.094e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.11	29.11	9.817e2	1.160e3	0.770	0.85	NO	9.1204	9.1204
4	34 PCB-53	29.06	29.06	1.683e3	2.180e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-50	28.40	28.41	7.169e1	6.693e1	0.770	0.62	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.613e2	2.135e2	0.770	0.51	YES	1.5296	0.00000
7	54 PCB-74	34.78	34.79	6.685e3	9.271e3	0.770	0.74	NO	43.470	43.470



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	890.7		22.3	928.2
229	229 3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.11	1326

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	37 PCB-46	30.36	30.36	5.22e2	5.501e2	0.770	0.90	YES	5.6736	0.00000
2	36 PCB-45	29.96	29.86	8.586e2	1.054e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.41	29.41	9.617e2	1.160e3	0.770	0.85	NO	9.1234	9.1204
4	34 PCB-53	29.06	29.06	1.683e3	2.180e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-52	28.40	28.41	7.169e1	6.693e1	0.770	0.82	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.613e2	3.153e2	0.770	0.51	YES	1.5296	0.00000
7	54 PCB-74	34.78	34.79	6.685e3	9.071e3	0.770	0.74	NO	43.479	43.470



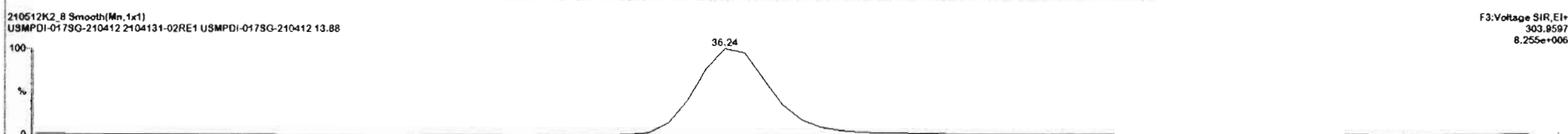
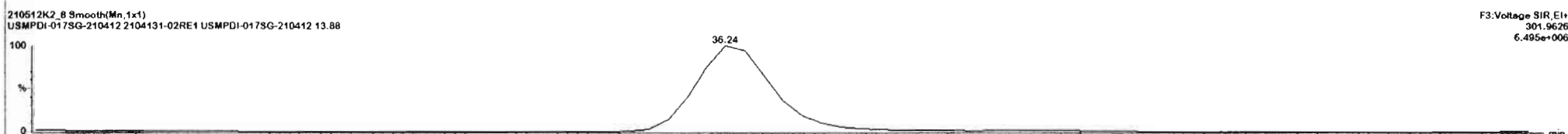
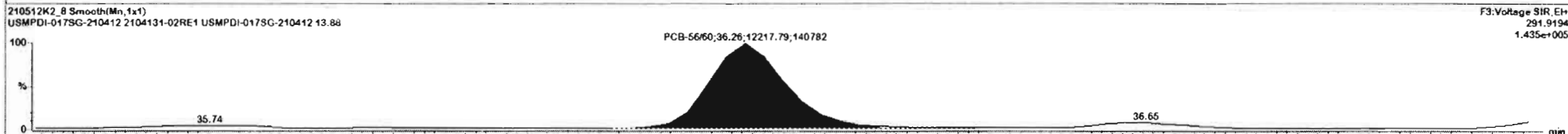
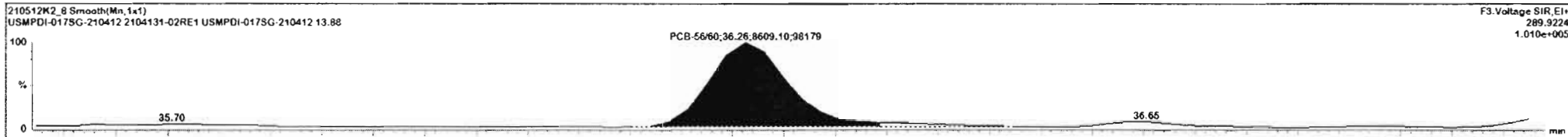
Ready 210512K2_8 CAP NUM



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9610	4.969	0.00		0.000		NO	890.9		22.3	928.4
229	3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.1	1326

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	37 PCB-45	30.36	30.36	5.224e2	5.661e2	0.770	0.90	YES	5.6736	0.0000
2	36 PCB-45	29.06	29.06	8.566e2	1.034e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.41	29.41	9.817e2	1.162e3	0.770	0.85	NO	9.1204	9.1204
4	34 PCB-53	29.06	29.06	1.683e3	2.160e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-50	28.40	28.41	7.109e1	6.693e1	0.770	0.82	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.613e2	3.153e2	0.770	0.51	YES	1.5296	0.80060
7	54 PCB-74	34.78	34.79	6.685e3	9.071e3	0.770	0.74	NO	43.470	43.470

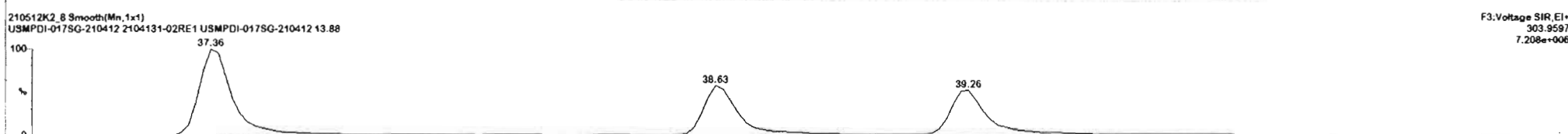
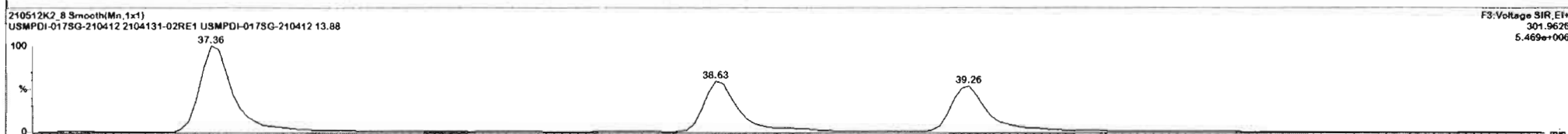
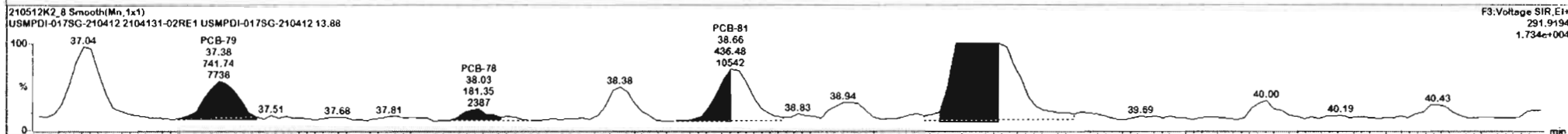
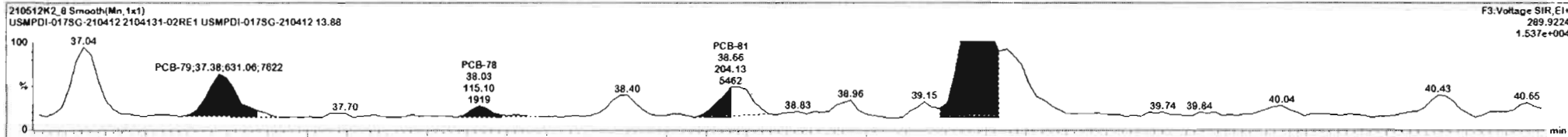


Ready 35.60 35.65 35.70 35.75 35.80 35.85 35.90 35.95 36.00 36.05 36.10 36.15 36.20 36.25 36.30 36.35 36.40 36.45 36.50 36.55 36.60 36.65 36.70 36.75 36.80 36.85 36.90 36.95 37.00 min

210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9010	4.969	0.00		0.000		NO	903.5		22.3	928.9
229	229 3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.1	1328

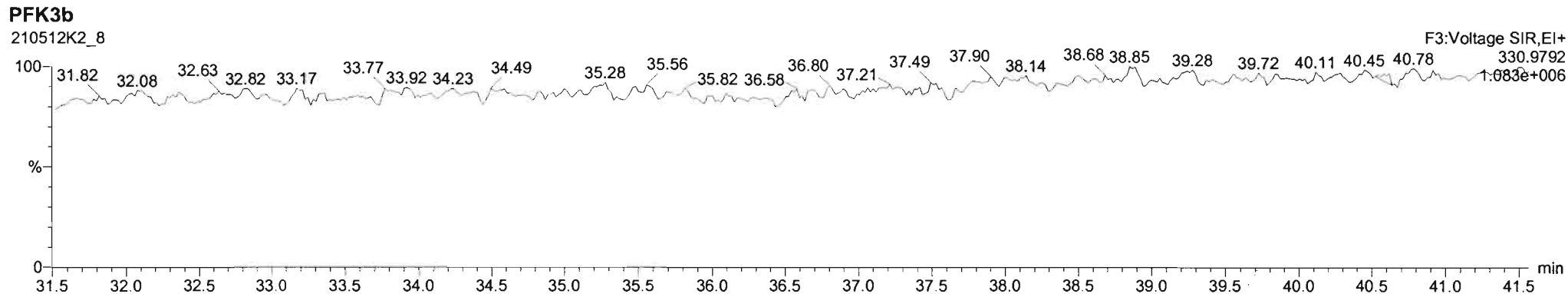
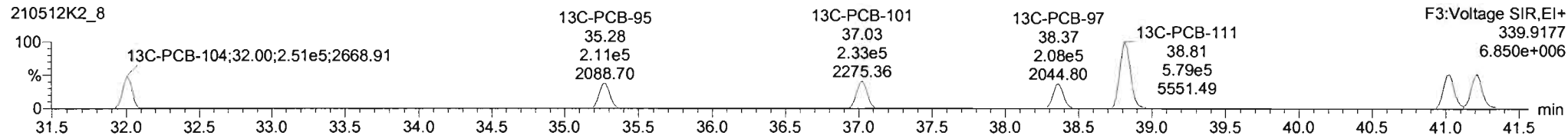
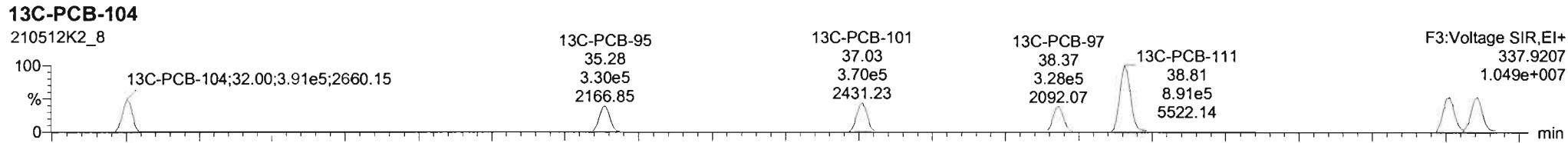
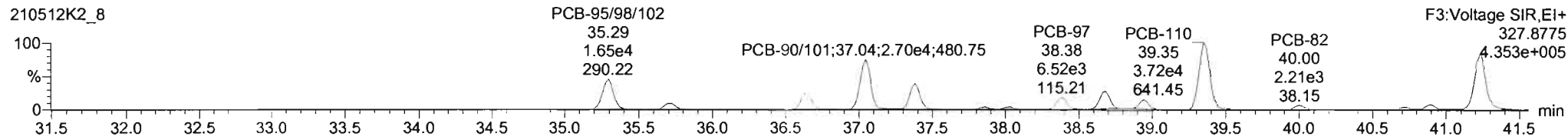
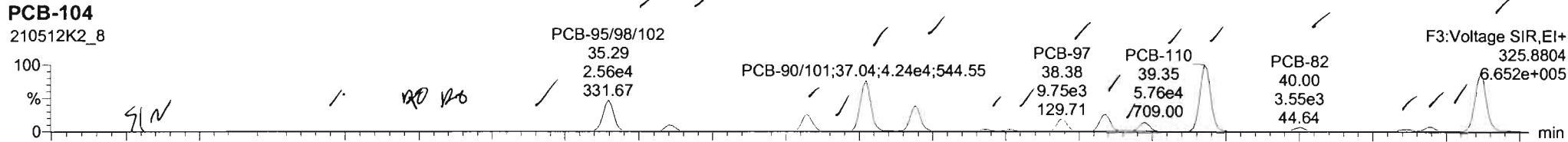
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	37 PCB-45	30.36	30.36	5.224e2	5.851e2	0.770	0.90	YES	5.6738	0.0000
2	36 PCB-45	29.86	29.86	8.586e2	1.094e3	0.770	0.78	NO	10.347	10.347
3	35 PCB-51	29.41	29.41	9.817e2	1.160e3	0.770	0.85	NO	9.1204	9.1204
4	34 PCB-53	29.06	29.06	1.683e3	2.160e3	0.770	0.78	NO	17.421	17.421
5	33 PCB-50	28.40	28.41	7.189e1	6.692e1	0.770	0.82	NO	0.79407	0.79407
6	32 PCB-54	27.20	27.18	1.613e2	3.152e2	0.770	0.51	YES	1.5296	0.0000
7	54 PCB-74	34.78	34.79	6.685e3	9.071e3	0.770	0.74	NO	43.470	43.470



Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

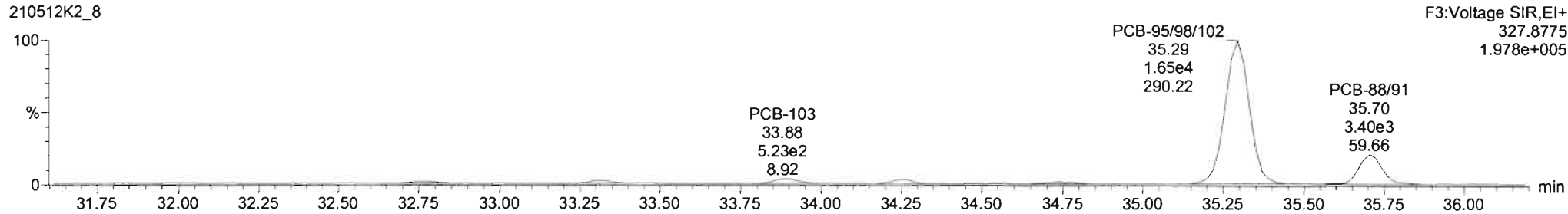
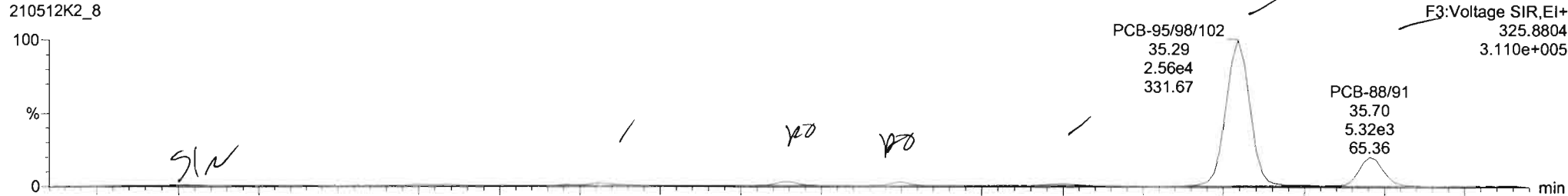


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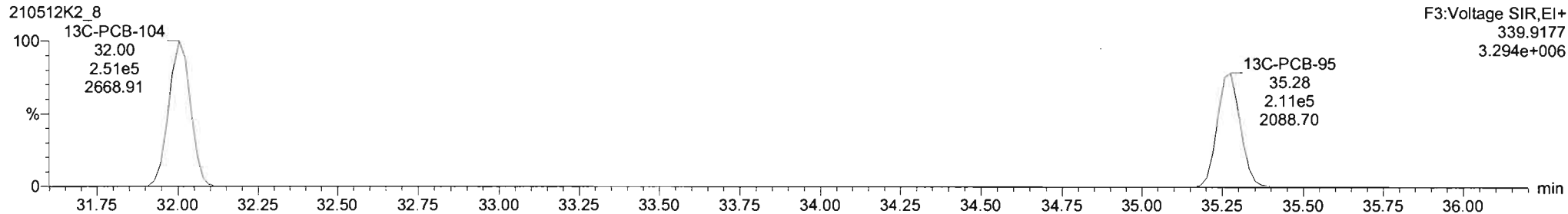
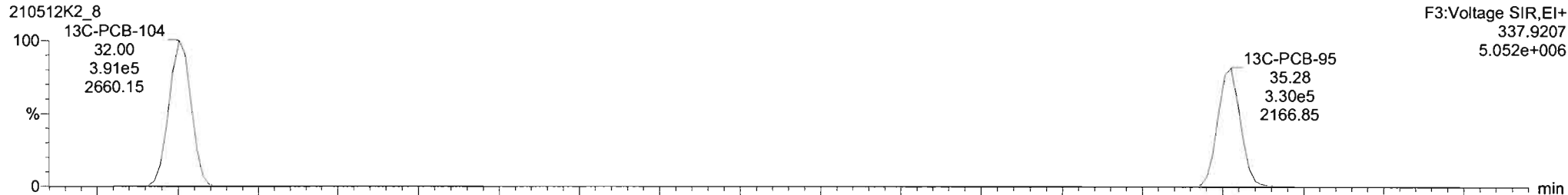
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412

PCB-96



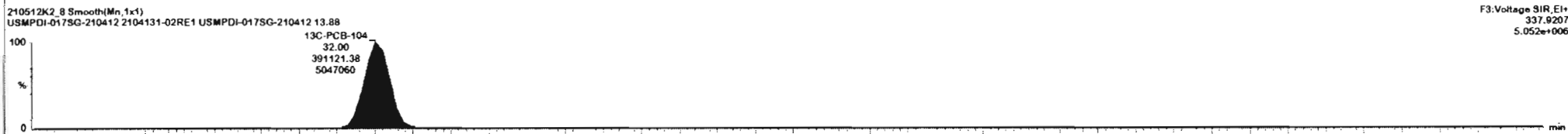
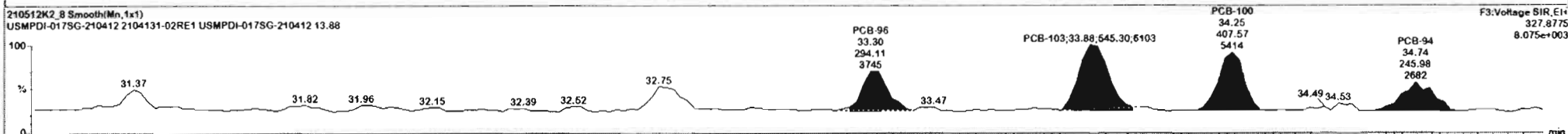
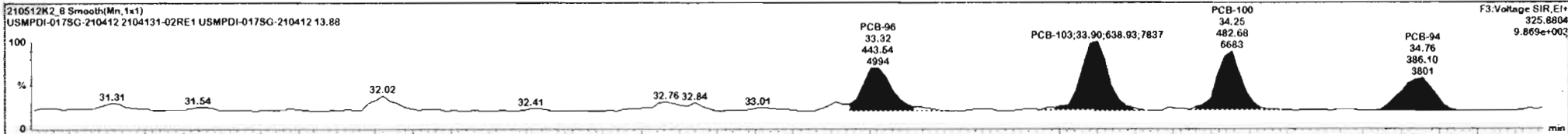
13C-PCB-95



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.03 - USMPDI-017SG-210412

#	Name	Resp	RA	nly	RRF	w/wct	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	4.995	0.00		0.000		NO	903.5		22.3	826.9
229	3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1318		24.1	1328

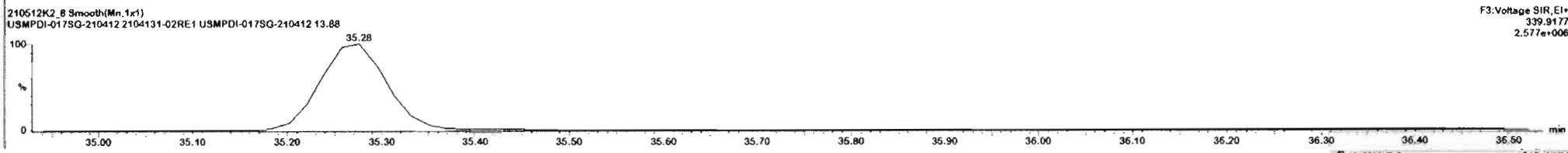
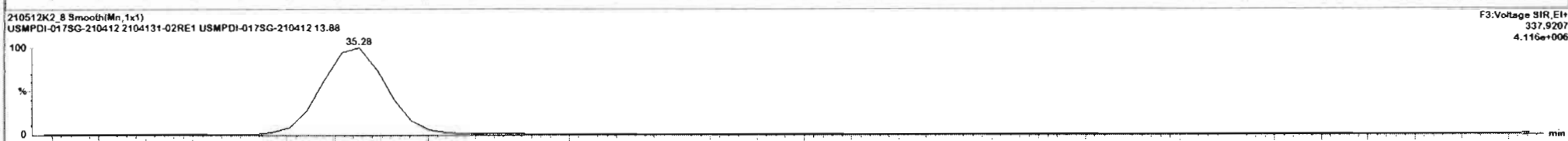
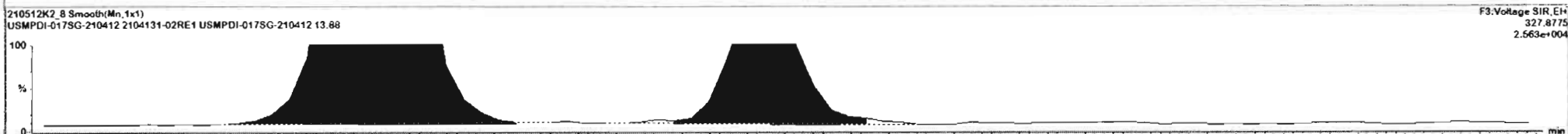
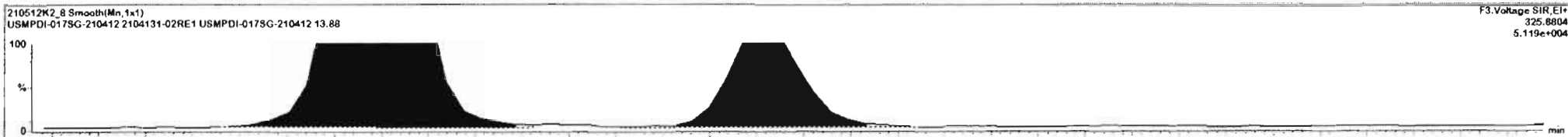
#	Name	Pred RT	RT	m1 Resp	m2 Resp	14 Ratio (Pred)	RA	nly	EMPC	Conc.
1	71 PCB-85-91	35.70	35.70	5.245e3	3.330e3	1.560	1.53	NO	34.819	34.819
2	59 PCB-92-98-102	35.29	35.29	2.550e4	1.655e4	1.560	1.54	NO	145.36	145.36
3	68 PCB-94	34.74	34.75	3.861e2	2.460e2	1.560	1.57	NO	2.8127	2.8127
4	87 PCB-100	34.25	34.25	4.827e2	4.076e2	1.560	1.18	YES	3.0667	0.00000
5	96 PCB-103	33.30	33.30	6.389e2	5.453e2	1.560	1.17	YES	4.2449	0.00000
6	85 PCB-96	33.31	33.32	4.435e2	2.941e2	1.560	1.51	NO	2.3393	2.3393
7	88 PCB-82	40.02	40.00	3.567e2	2.213e3	1.560	1.61	NO	23.239	23.239



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	Wt/vel	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	903.5		22.3	928.9
229	3rd Function Penta-PCBs				1.1133	4.999	0.001		0.000		NO	13181		24.11	1328

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	71 PCB-85-91	35.70	35.70	5.245e3	3.330e3	1.560	1.58	NO	34.819	34.819
2	89 PCB-95-95-102	35.23	35.23	2.556e4	1.655e4	1.560	1.54	NO	145.36	145.36
3	98 PCB-94	34.74	34.75	3.861e2	2.460e2	1.560	1.57	NO	2.8127	2.8127
4	87 PCB-105	34.25	34.25	4.827e2	4.076e2	1.560	1.18	YES	3.0567	0.05000
5	86 PCB-103	33.90	33.90	6.389e2	5.453e2	1.560	1.17	YES	4.2449	0.05000
6	85 PCB-96	33.31	33.32	4.435e2	2.941e2	1.560	1.51	NO	2.3393	2.3393
7	98 PCB-82	40.02	40.00	3.587e3	2.213e3	1.560	1.61	NO	23.239	23.239

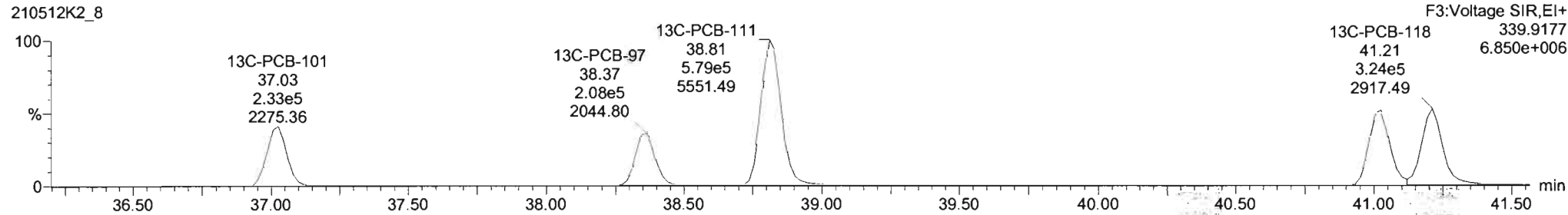
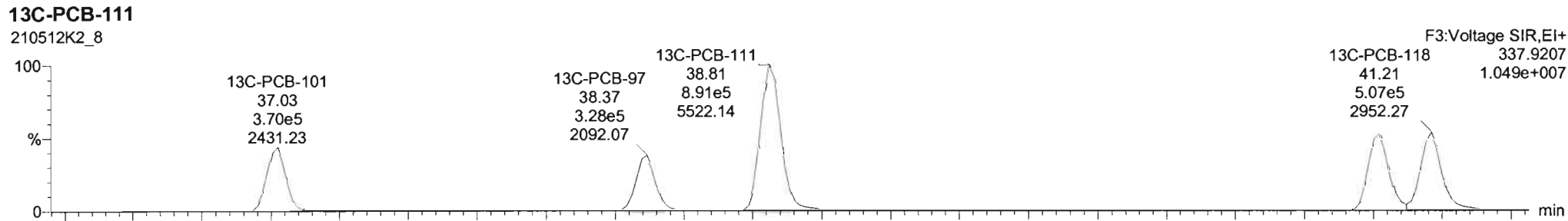
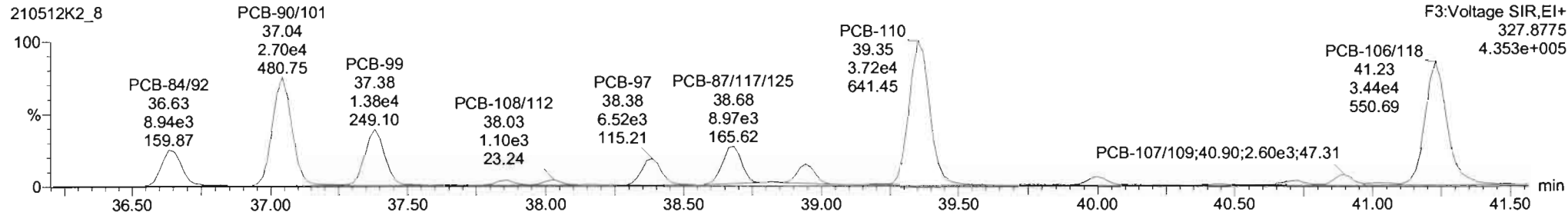
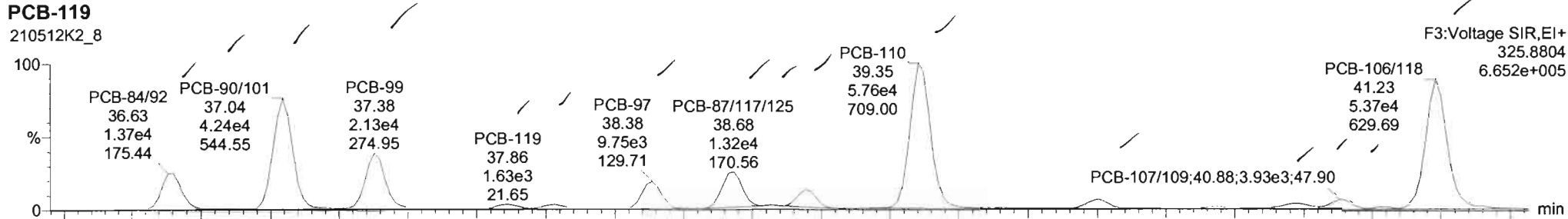


Ready 210512K2_8 CAP NUM

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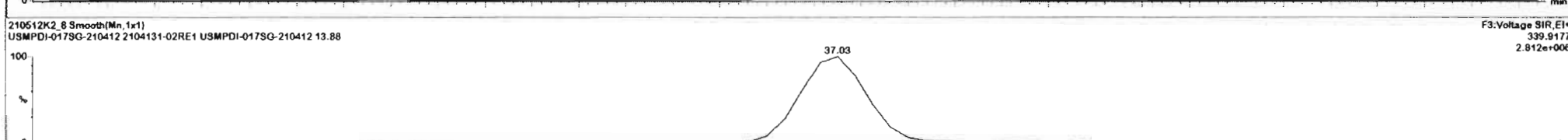
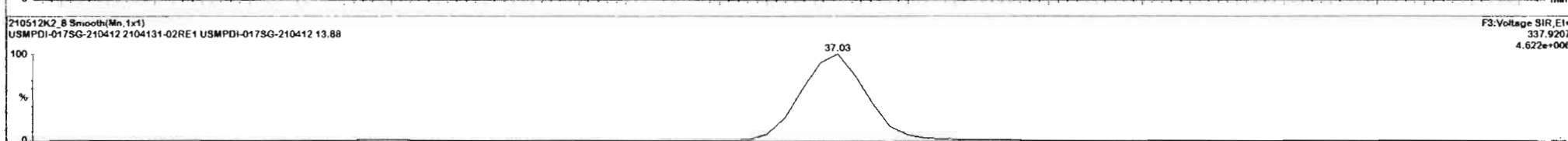
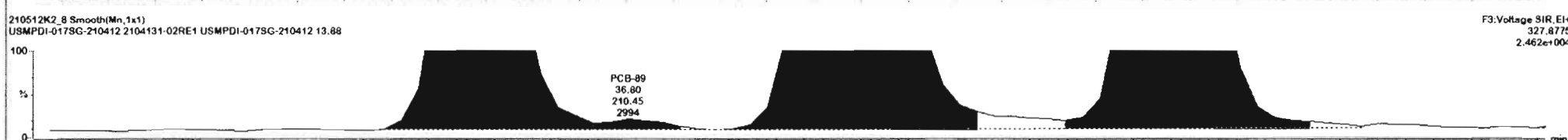
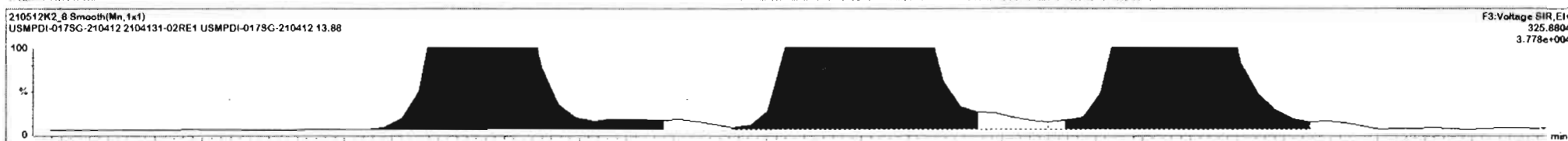
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



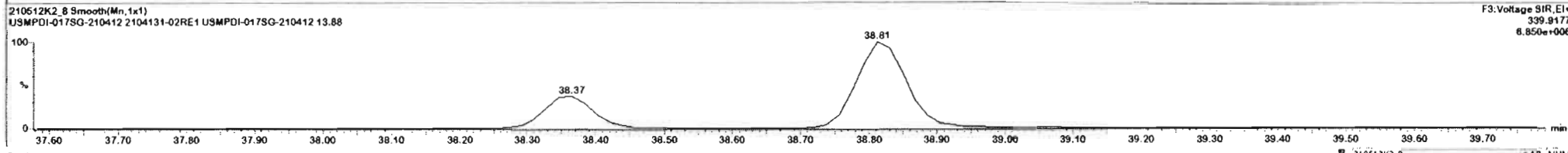
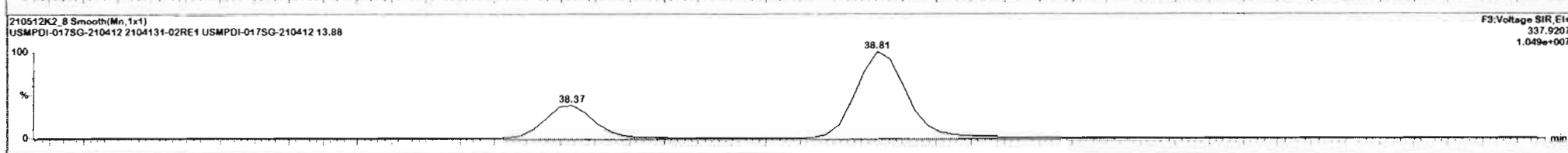
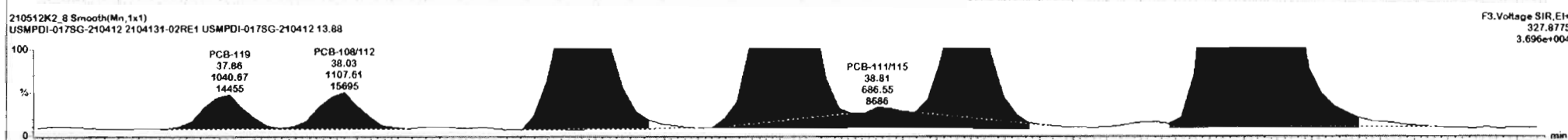
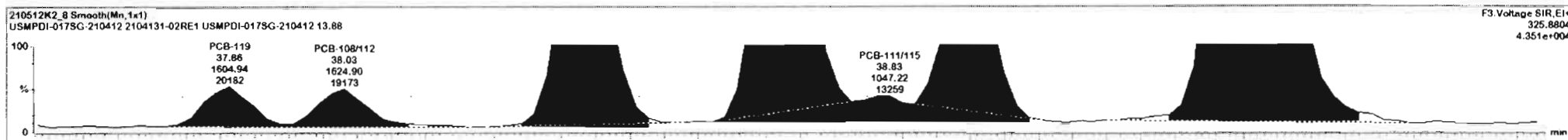
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	903.5		22.3	928.9
229	229 3rd Function Penta-PCBs				1.1123	4.969	0.00		0.000		NO	1320		24.1	1328

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	71 PCB-88-91	35.70	35.79	5.245e3	3.330e3	1.560	1.58	NO	34.819	34.819
2	59 PCB-55-96-102	35.23	35.29	2.556e4	1.655e4	1.560	1.54	NO	145.36	145.36
3	58 PCB-94	34.74	34.76	3.881e2	2.460e2	1.560	1.57	NO	2.8127	2.8127
4	87 PCB-100	34.25	34.25	4.827e2	4.076e2	1.560	1.18	YES	3.0967	0.00000
5	96 PCB-101	33.30	33.30	6.389e2	5.453e2	1.560	1.17	YES	4.2449	0.00000
6	65 PCB-96	33.31	33.32	4.435e2	2.941e2	1.560	1.51	NO	2.3393	2.3393
7	88 PCB-82	40.02	40.00	3.587e3	2.213e3	1.560	1.61	NO	23.239	23.239



#	Name	Resp	RA	n/y	RRF	wt/wgt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	4.999	0.00		0.000		NO	903.1		22.3	928.9
229	229 3rd Function Penta-PCBs				1.1133	4.999	0.00		0.000		NO	1329		24.1	1328

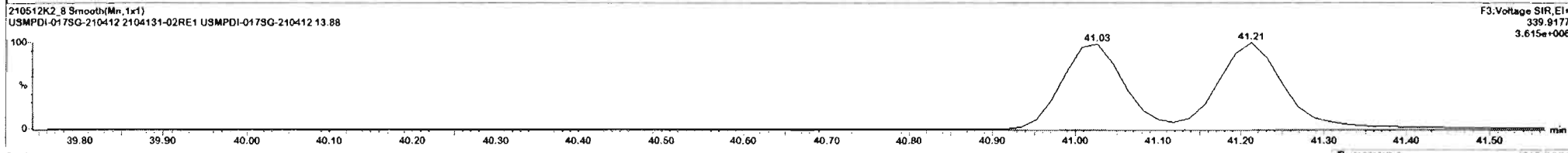
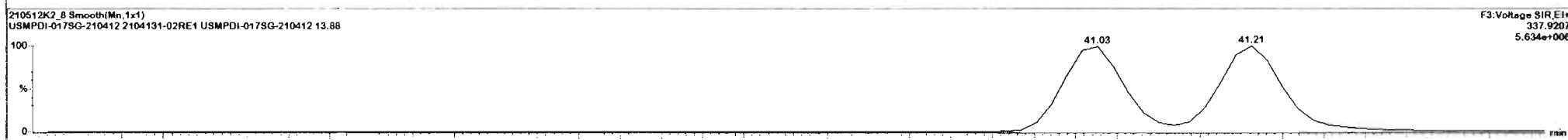
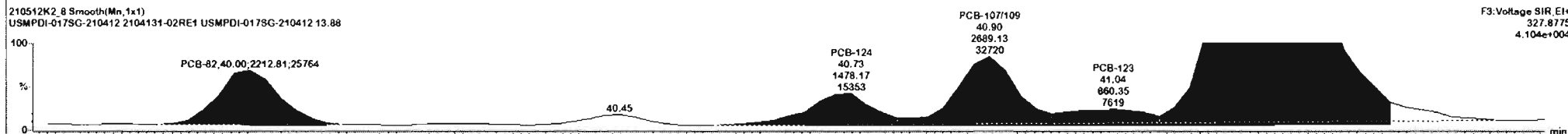
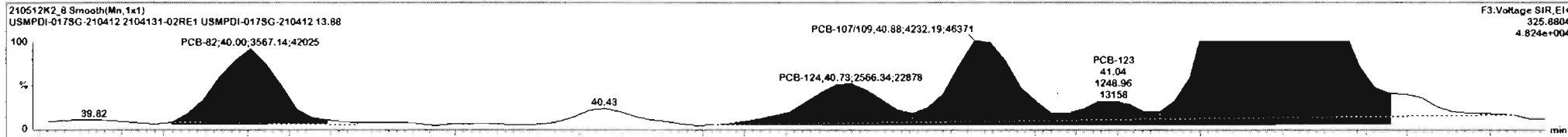
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	71 PCB-88/91	35.70	35.70	5.245e3	3.330e3	1.560	1.58	NO	34.819	34.819
2	89 PCB-55/56/102	35.23	35.29	2.556e4	1.655e4	1.560	1.54	NO	145.36	145.36
3	58 PCB-94	34.74	34.76	3.861e2	2.460e2	1.560	1.57	NO	2.8127	2.8127
4	87 PCB-100	34.25	34.25	4.827e2	4.076e2	1.560	1.18	YES	3.0667	0.00000
5	86 PCB-103	33.90	33.90	6.389e2	5.453e2	1.560	1.17	YES	4.2449	0.00000
6	85 PCB-96	33.31	33.32	4.435e2	2.941e2	1.560	1.51	NO	2.3393	2.3393
7	88 PCB-82	40.02	40.03	3.587e3	2.213e3	1.560	1.61	NO	23.239	23.239



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred. RT	RT	Pred. R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	4.969	9.00		0.000		NO	903.5		22.3	928.9
229	229 3rd Function Penta-PCBs				1.1133	4.969	0.00		0.000		NO	1320		24.1	1328

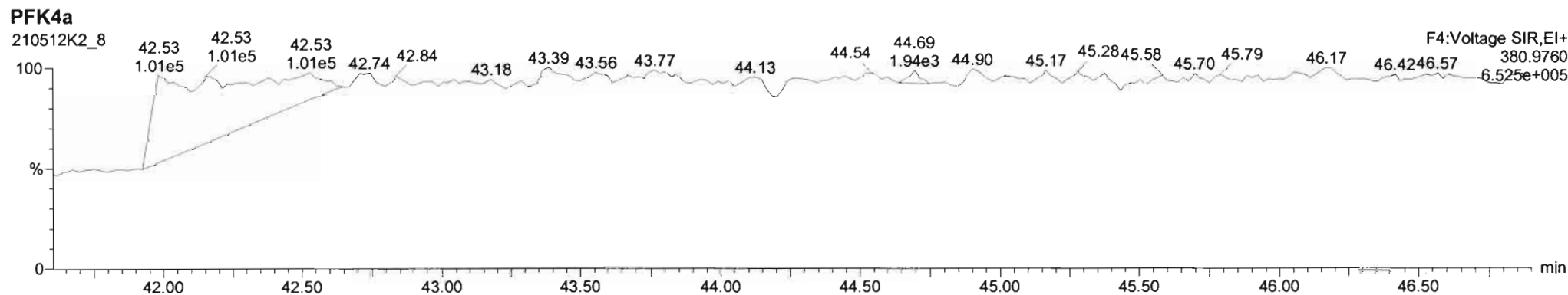
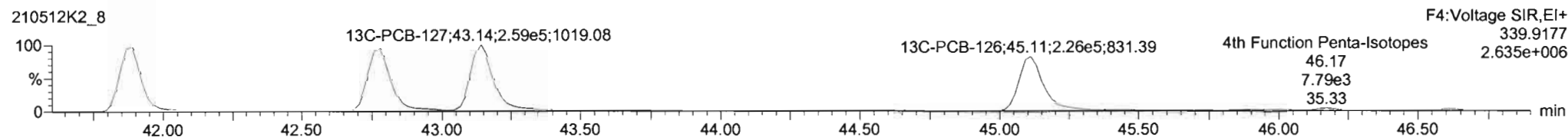
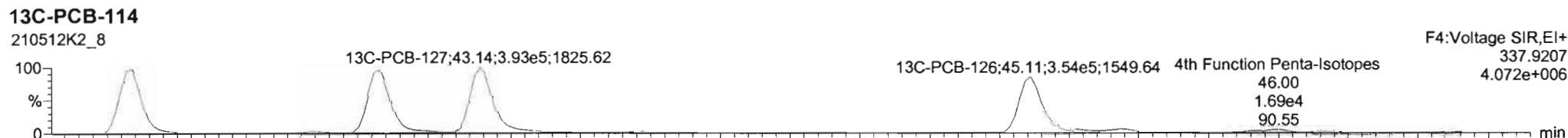
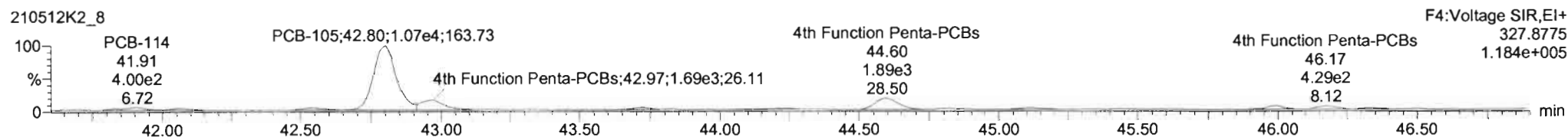
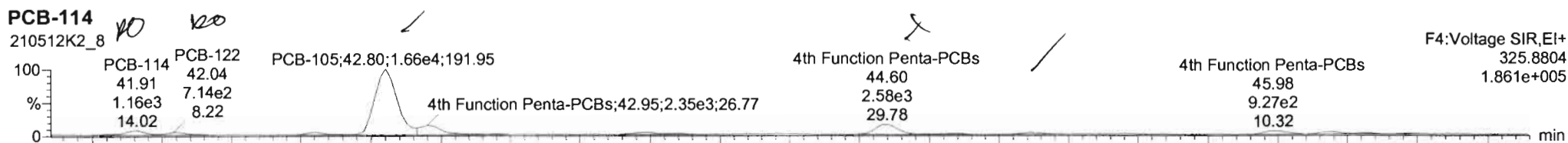
#	Name	Pred. RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	71 PCB-86/91	35.70	35.70	5.245e3	3.330e3	1.560	1.58	NO	34.819	34.819
2	99 PCB-95/96/102	35.23	35.29	2.558e4	1.855e4	1.560	1.54	NO	145.36	145.36
3	58 PCB-94	34.74	34.76	3.861e2	2.480e2	1.560	1.57	NO	2.8127	2.8127
4	87 PCB-100	34.25	34.25	4.827e2	4.076e2	1.560	1.18	YES	3.0567	0.0000
5	86 PCB-103	33.30	33.30	6.389e2	5.453e2	1.560	1.17	YES	4.2449	0.0000
6	85 PCB-96	33.31	33.22	4.435e2	2.941e2	1.560	1.51	NO	2.3393	2.3393
7	88 PCB-82	40.02	40.00	3.567e3	2.213e3	1.560	1.61	NO	23.239	23.239



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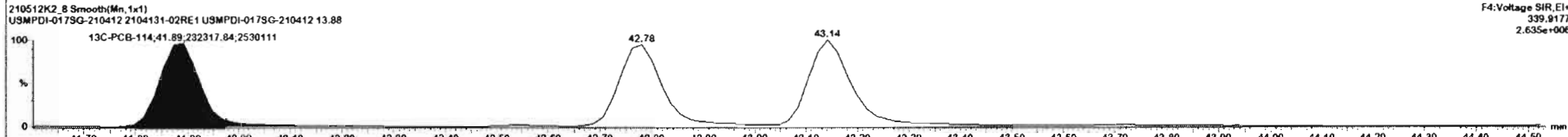
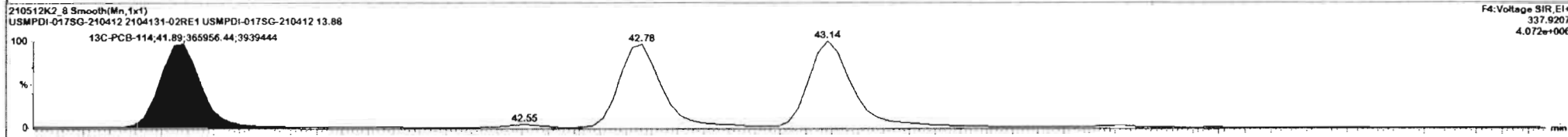
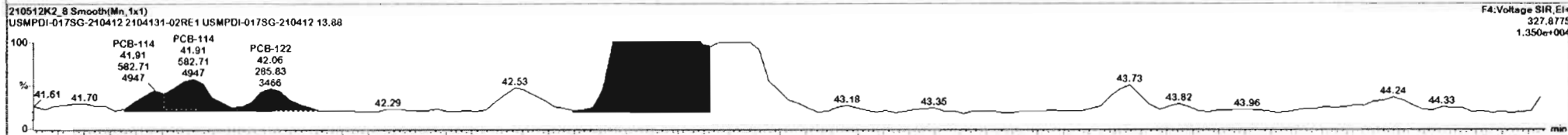
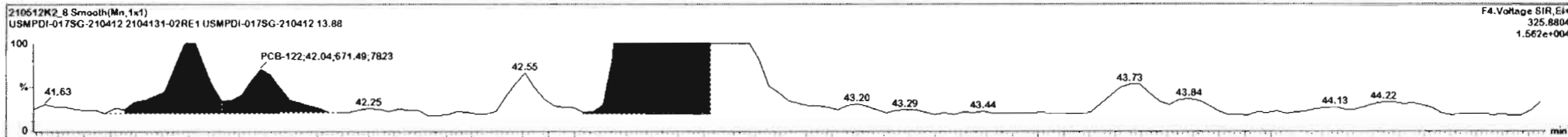
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210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	4.999	0.00		0.000		NO	87.66		5.03	95.10
231	3rd Function Hexa-PCBs				0.7910	4.999	0.00		0.000		NO	467.7		3.29	479.91

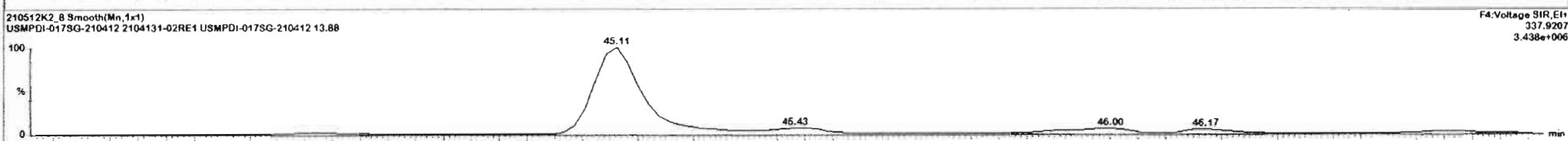
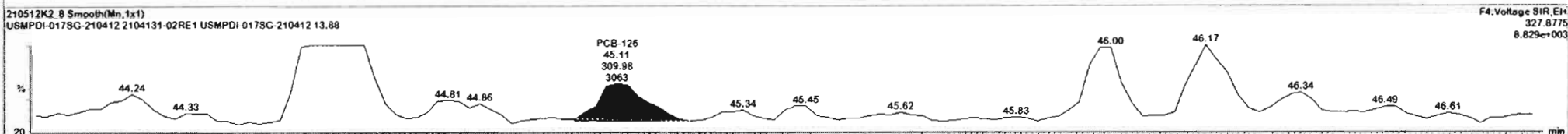
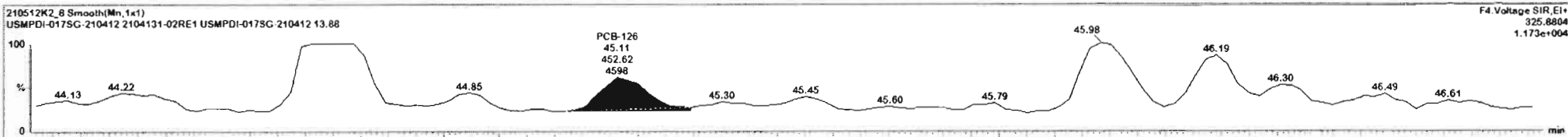
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pre)	RA	n/y	EMPC	Conc.
1	95 PCB-105	42.80	42.80	1.680e4	1.059e4	1.560	1.55	NO	85.776	65.776
2	94 PCB-122	42.06	42.04	6.715e2	2.958e2	1.560	2.35	YES	2.6301	0.00000
3	93 PCB-114	41.91	41.91	1.189e3	5.627e2	1.560	2.04	YES	4.6016	0.00000
4	97 PCB-12E	45.13	45.11	4.067e2	2.908e2	1.560	1.40	NO	2.0881	2.0881



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	4.999	0.00		0.000			ND	88.06	5.03	95.29
231	3rd Function Hexa-PCBs				0.7910	4.999	9.00		0.000			NO	467.81	3.291	479.91

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	95 PCB-105	42.80	42.30	1.660e4	1.000e4	1.560	1.55	NO	85.770	85.776
2	94 PCB-122	42.06	42.04	6.715e2	2.359e2	1.960	2.35	YES	2.6301	0.00000
3	33 PCB-114	41.31	41.51	1.189e3	6.827e2	1.560	2.04	YES	4.6018	0.00000
4	97 PCB-126	45.13	45.11	4.526e2	3.100e2	1.560	1.46	NO	2.2830	2.2830

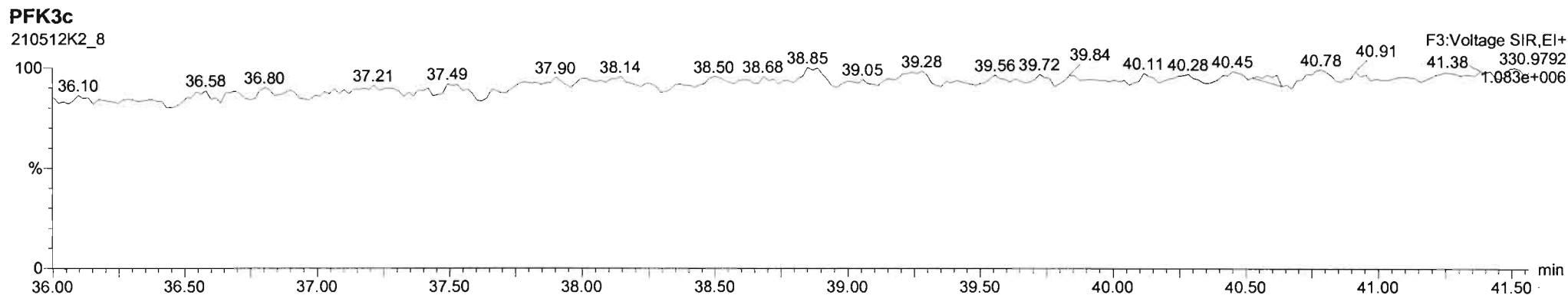
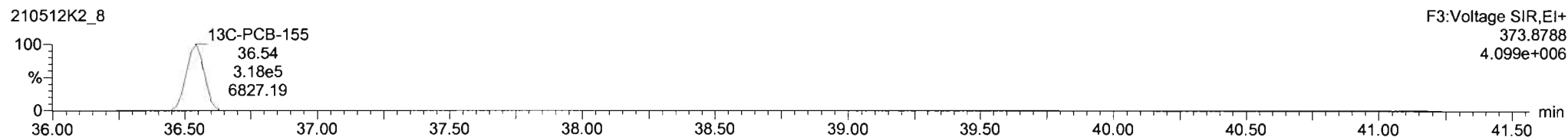
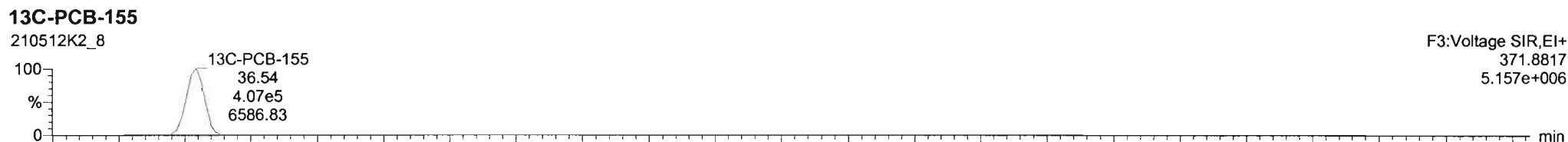
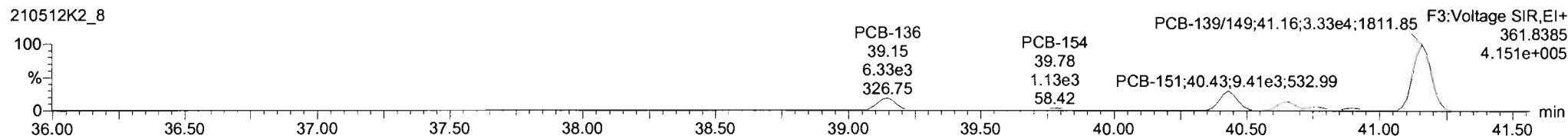
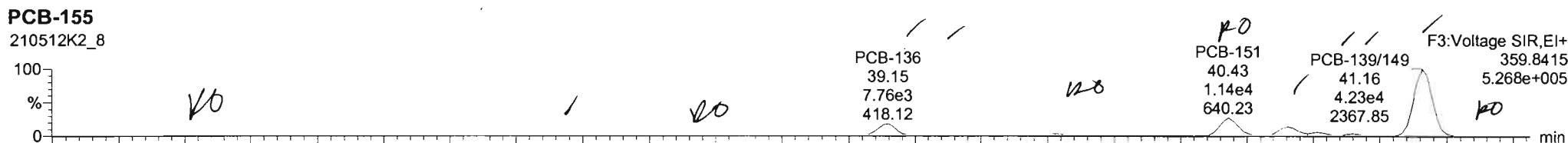


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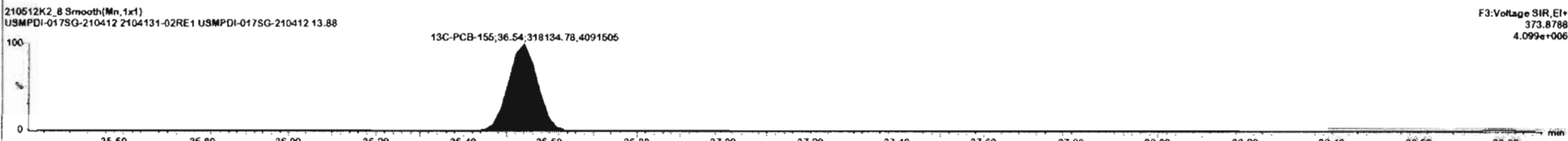
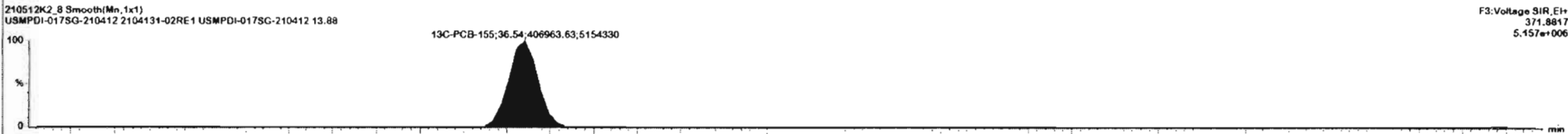
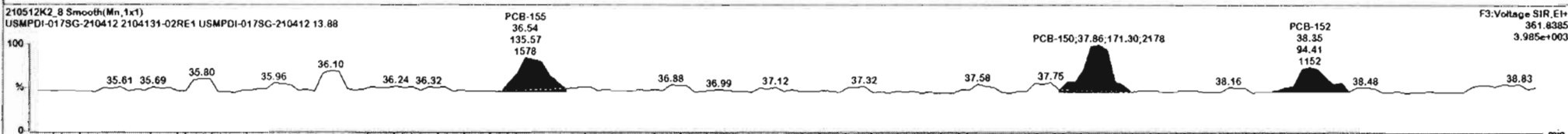
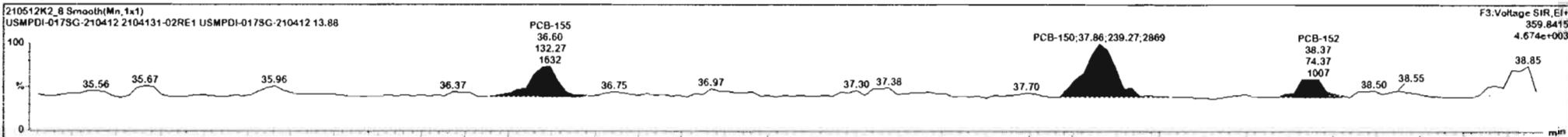
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210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.03 - USMPDI-017SG-210412

#	Name	Resp	RA	nly	RRF	wt/wt	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	4.999	0.00		0.000		NO	88.0%		5.03	95.25
231	231 3rd Function Hexa-PCBs				0.7910	4.999	0.00		0.000		NO	467.8		3.29	479.9

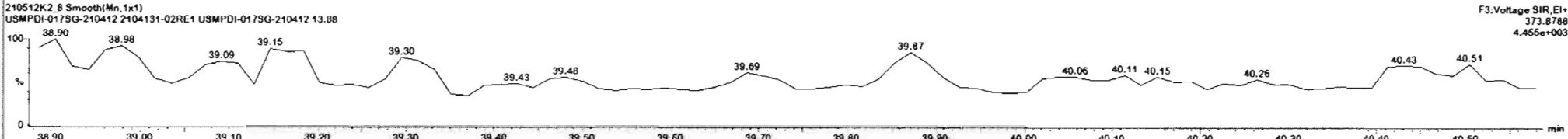
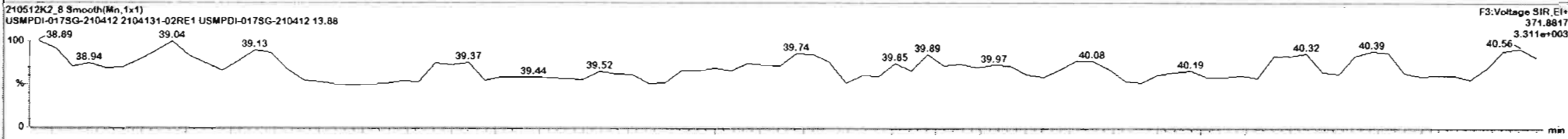
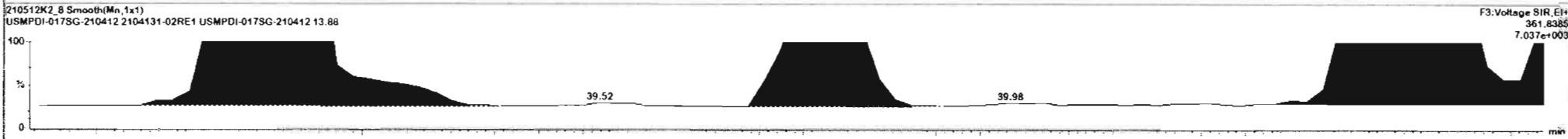
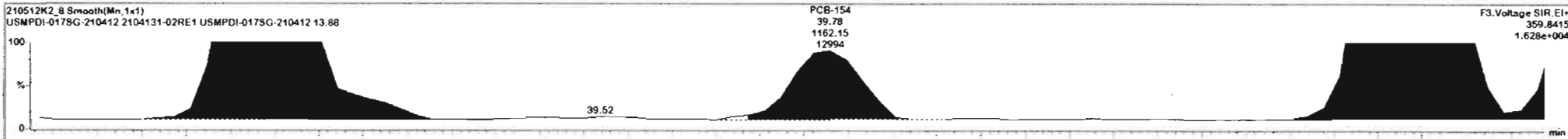
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc
1	1 PCB-154	39.78	39.78	1.162e3	1.138e3	1.240	1.02	YES	8.0363	0.00009
2	1 PCB-138	39.15	39.15	7.420e3	6.075e3	1.240	1.22	NO	42.255	42.255
3	1 PCB-152	38.36	38.37	7.437e1	9.441e1	1.240	0.79	YES	0.36400	0.00009
4	99 PCB-150	37.86	37.86	2.393e2	1.713e2	1.240	1.46	NO	1.2124	1.2124
5	96 PCB-155	36.56	36.60	1.323e2	1.356e2	1.240	0.98	YES	0.77313	0.00000
6	1 PCB-140	41.36	41.36	3.907e2	4.354e2	1.240	0.90	YES	2.9848	0.00000
7	1 PCB-139/149	41.17	41.16	4.231e4	3.327e4	1.240	1.27	NO	269.70	269.70



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penla-PCBs				1.0512	4.999	9.00		9.000		NO	88.0%		5.03	95.29
231	231 3rd Function Hexa-PCBs				0.7910	4.999	9.00		9.000		NO	467.8		3.29	478.9

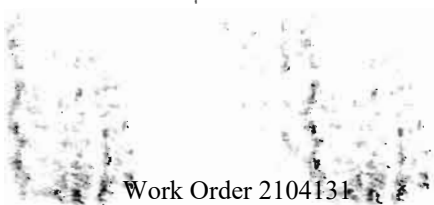
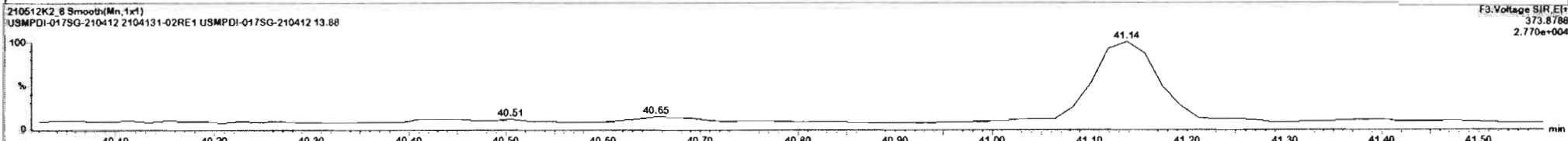
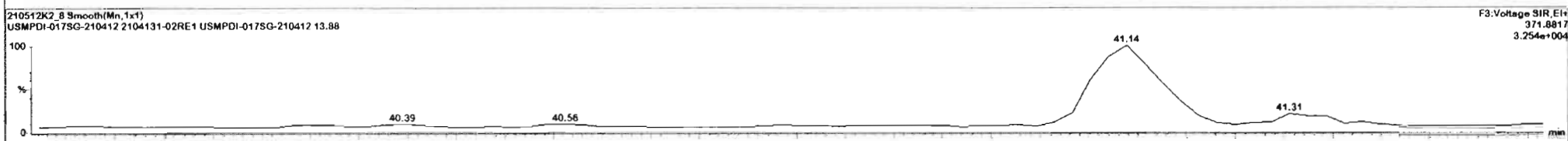
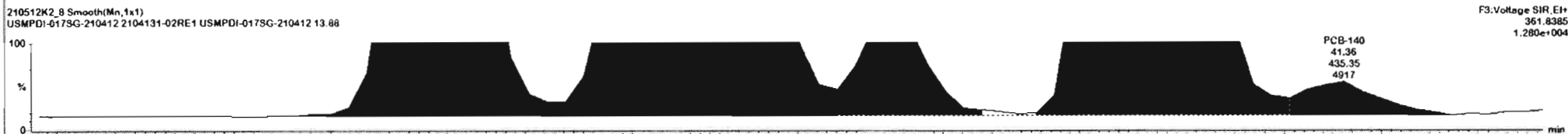
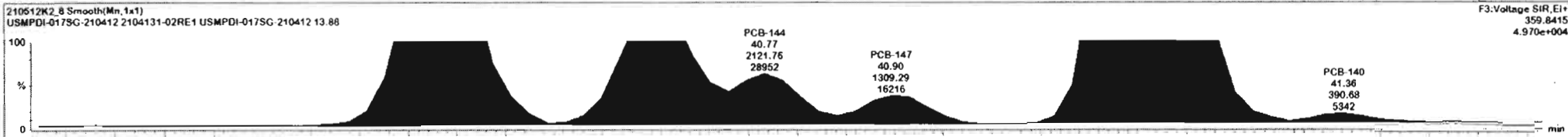
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1. PCB-154	39.78	39.78	1.162e3	1.138e3	1.240	1.02	YES	8.0363	0.00009
2	1. PCB-130	39.15	39.15	7.420e3	6.075e3	1.240	1.22	NO	42.255	42.255
3	1. PCB-152	38.36	38.37	7.437e1	9.441e1	1.240	0.79	YES	0.36400	0.00000
4	99 PCB-150	37.86	37.86	2.392e2	1.713e2	1.240	1.40	NO	1.2124	1.2124
5	98 PCB-155	36.56	36.60	1.323e2	1.356e2	1.240	0.98	YES	0.77318	0.00000
6	3. PCB-140	41.36	41.36	3.507e2	4.354e2	1.240	0.90	YES	2.9848	0.00000
7	1. PCB-139/149	41.17	41.16	4.231e4	3.327e4	1.240	1.27	NO	269.70	269.70



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	nly	RRF	w/wcl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	4.999	0.000		0.000		NO	88.08		5.93	95.29
231	231 3rd Function Hexa-PCBs				0.7910	4.999	0.000		0.000		NO	467.8		3.291	479.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pres)	RA	nly	EMPC	Conc.
1	1.. PCB-154	39.78	39.78	1.162e3	1.133e3	1.240	1.02	YES	8.0363	0.00000
2	1.. PCB-138	39.16	39.16	7.420e3	6.976e3	1.240	1.02	NO	42.265	42.265
3	1.. PCB-152	38.36	38.37	7.437e1	9.441e1	1.240	0.79	YES	0.36400	0.00000
4	96 PCB-150	37.86	37.86	2.393e2	1.713e2	1.240	1.46	NO	1.2124	1.2124
5	96 PCB-155	36.56	36.60	1.323e2	1.356e2	1.240	0.88	YES	0.77318	0.00000
6	1.. PCB-140	41.36	41.36	3.907e2	4.354e2	1.240	0.96	YES	2.9848	0.00000
7	1.. PCB-139/149	41.17	41.16	4.231e4	3.327e4	1.240	1.27	NO	269.70	269.70

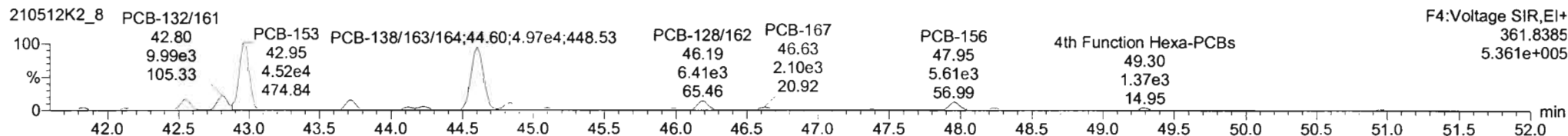
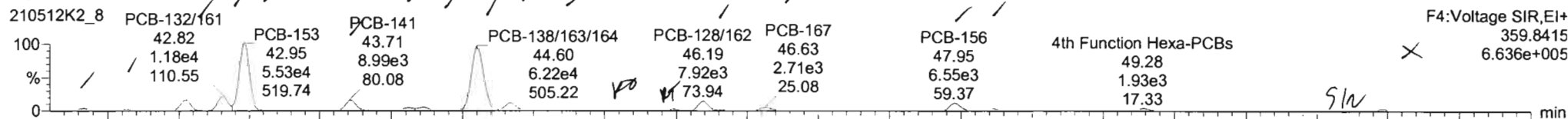


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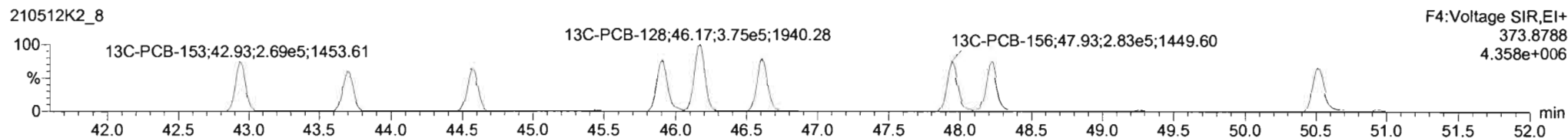
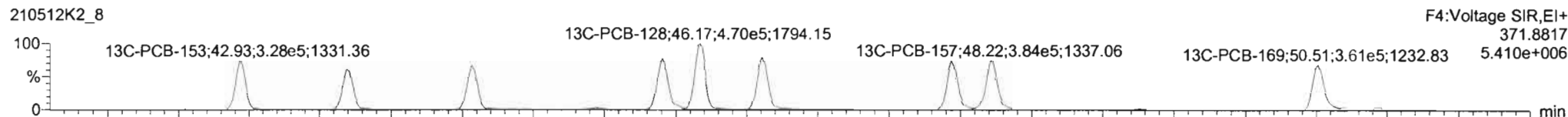
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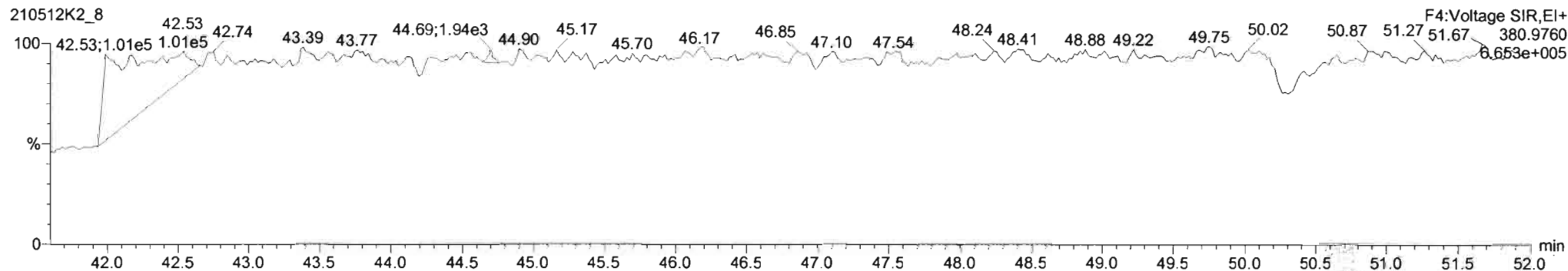
PCB-134/143



13C-PCB-153

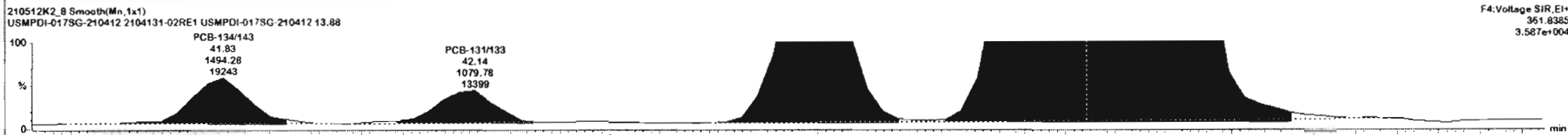
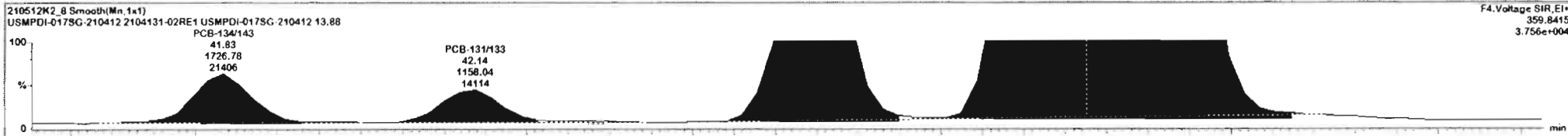


PFK4b



#	Name	Resp	RA	n/y	RRF	wt/val	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	233 Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.8		14.6	977.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1... PCB-153	42.97	42.95	4.556e4	4.523e4	1.240	1.22	NO	341.18	341.18
2	1... PCB-132/161	42.78	42.82	1.180e4	1.002e4	1.240	1.19	NO	76.716	76.716
3	1... PCB-146/165	42.54	42.55	8.628e3	7.461e3	1.240	1.26	NO	58.224	58.224
4	1... PCB-131/133	42.14	42.14	1.158e3	1.082e3	1.240	1.07	NO	9.7702	9.7702
5	1... PCB-134/143	41.82	41.83	1.727e3	1.494e3	1.240	1.16	NO	15.042	15.042
6	1... PCB-167	46.63	46.63	2.709e2	2.103e2	1.240	1.29	NO	14.829	14.829
7	1... PCB-128/162	46.22	46.19	7.528e3	6.413e3	1.240	1.24	NO	52.625	52.625

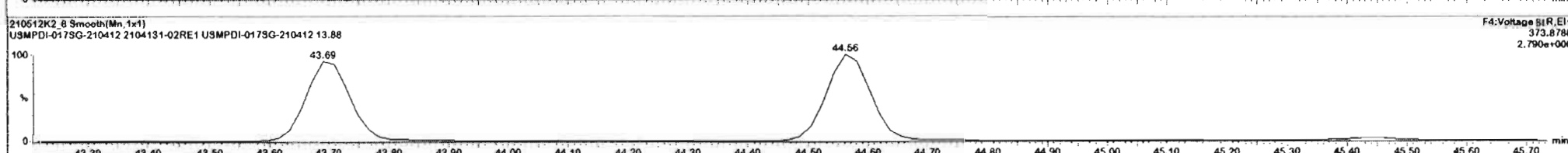
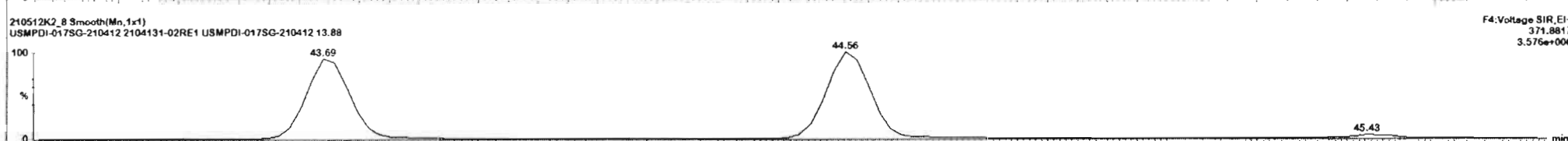
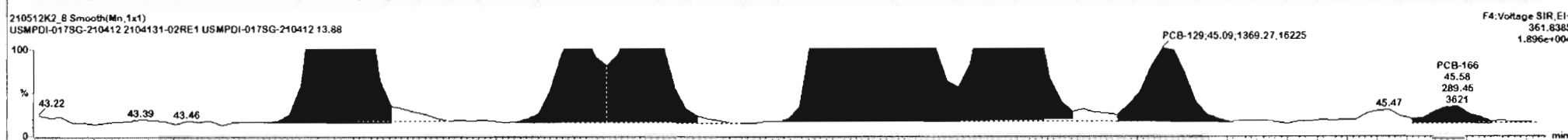
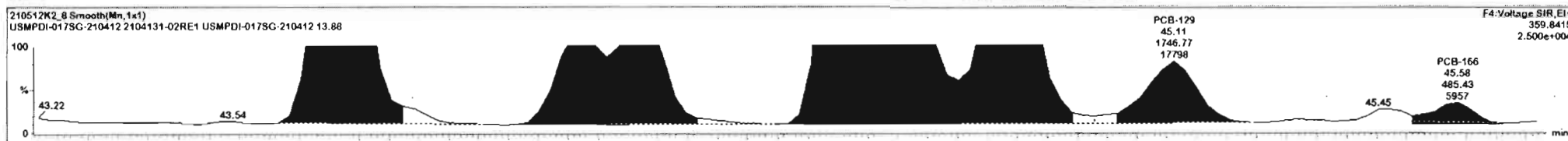


Ready

210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.83 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	w/wet	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBa				0.945E	4.999	0.00		0.000		NO	1135		32.0	1137
233	Total Hepta-PCBa				1.2043	4.999	0.00		0.000		NO	947.8		14.6	977.6

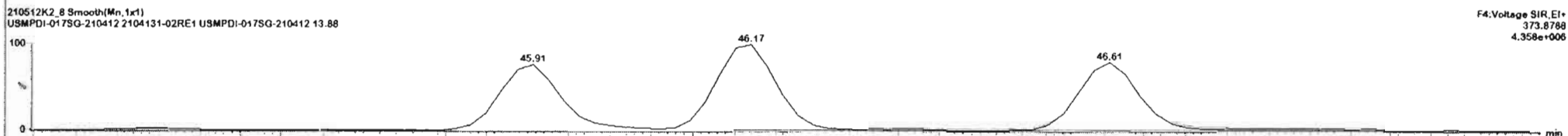
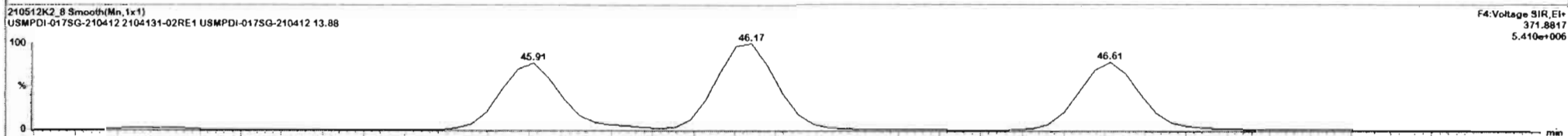
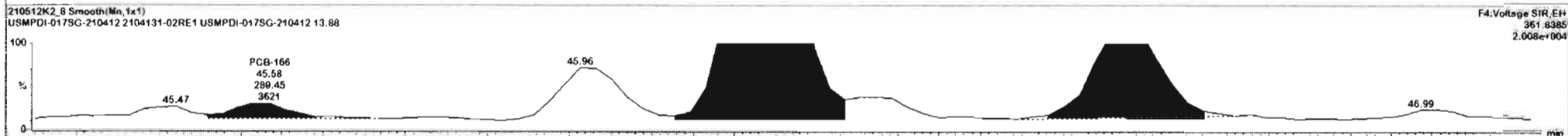
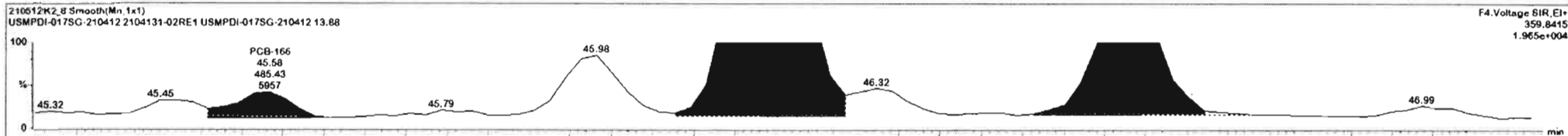
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-153	42.97	42.95	5.556e4	4.523e4	1.240	1.23	NO	341.18	341.18
2	PCB-132/161	42.78	42.32	1.106e4	1.002e4	1.240	1.19	NO	76.716	76.716
3	PCB-145/165	42.54	42.55	8.928e3	7.461e3	1.240	1.20	NO	58.224	58.224
4	PCB-131/133	42.14	42.14	1.158e3	1.020e3	1.240	1.07	NO	9.7702	9.7702
5	PCB-134/143	41.32	41.33	1.727e3	1.494e3	1.240	1.16	NO	15.042	15.042
6	PCB-167	46.63	46.63	2.709e2	2.103e2	1.240	1.29	NO	14.829	14.829
7	PCB-123/162	46.22	46.19	7.928e3	6.413e3	1.240	1.24	NO	52.625	52.625



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				0.0455	4.969	0.00		0.000		NO	1135		30.0	1137
233	Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.8		14.6	977.8

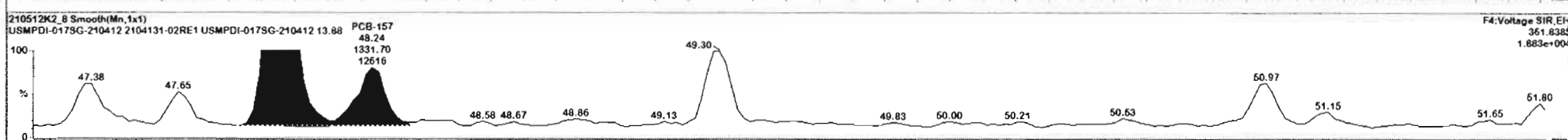
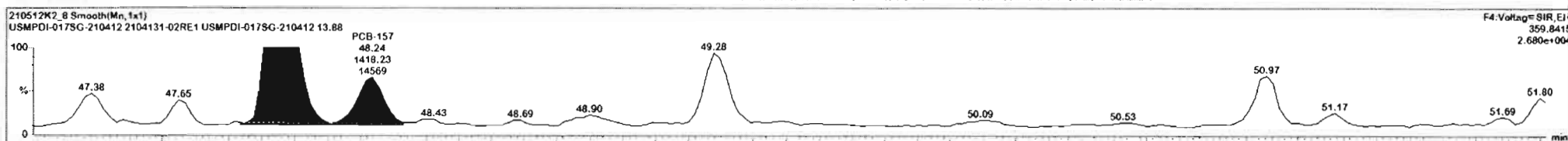
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-153	42.97	42.95	5.556e4	4.523e4	1.240	1.23	NO	341.18	341.18
2	PCB-132/781	42.78	42.82	1.189e4	1.002e4	1.240	1.19	NO	78.718	78.718
3	PCB-146/765	42.54	42.55	6.928e3	7.461e3	1.240	1.20	NO	58.224	58.224
4	PCB-131/133	42.14	42.14	1.158e3	1.080e3	1.240	1.07	NO	9.7702	9.7702
5	PCB-124/143	41.82	41.83	1.727e3	1.494e3	1.240	1.16	NO	15.042	15.042
6	PCB-187	46.83	46.83	2.709e3	2.103e3	1.240	1.29	NO	14.829	14.829
7	PCB-128/162	46.22	46.19	7.926e3	6.413e3	1.240	1.24	NO	52.625	52.625



Ready 210512K2_8 CAP NUM

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.2		14.6	977.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-153	42.97	42.55	5.550e4	4.523e4	1.240	1.23	NO	341.18	341.18
2	PCB-132/161	42.78	42.82	1.189e4	1.062e4	1.240	1.19	NO	76.718	76.716
3	PCB-146/165	42.54	42.55	8.920e3	7.481e3	1.240	1.20	NO	58.224	58.224
4	PCB-131/133	42.14	42.14	1.158e3	1.020e3	1.240	1.07	NO	9.7702	9.7702
5	PCB-134/143	41.82	41.83	1.727e3	1.494e3	1.240	1.16	NO	15.042	15.042
6	PCB-187	46.83	46.83	2.709e3	2.103e3	1.240	1.29	NO	14.829	14.829
7	PCB-128/162	46.22	46.19	7.628e3	6.413e3	1.240	1.24	NO	52.625	52.625



Ready

210512K2_8 CAP_NUM

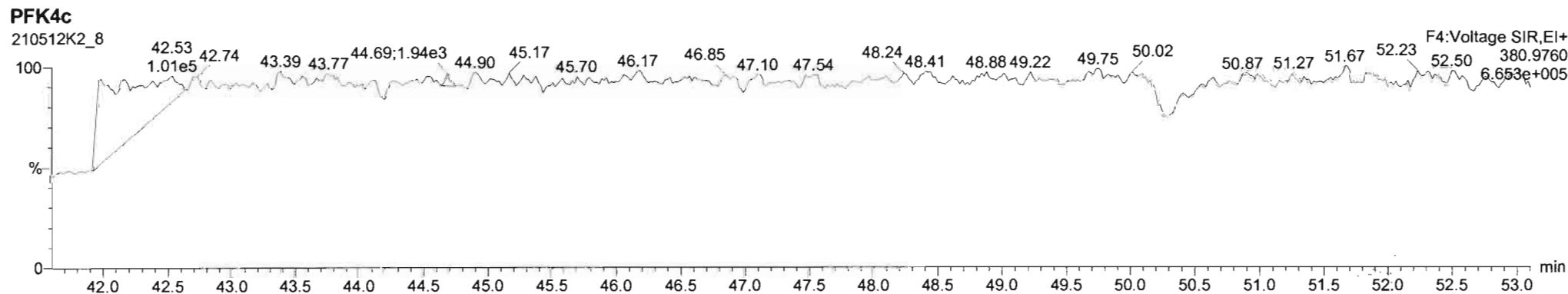
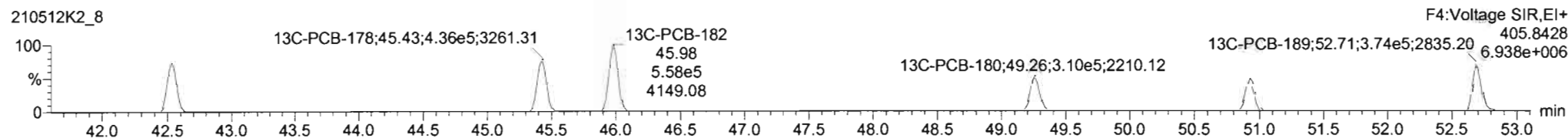
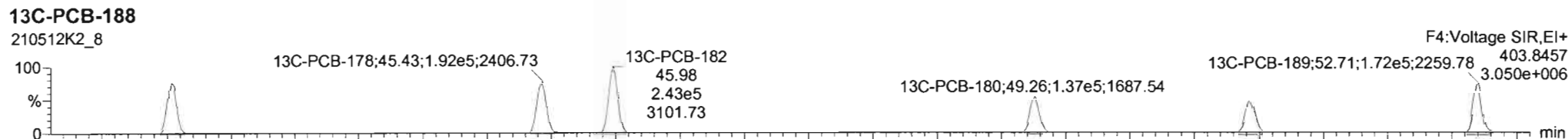
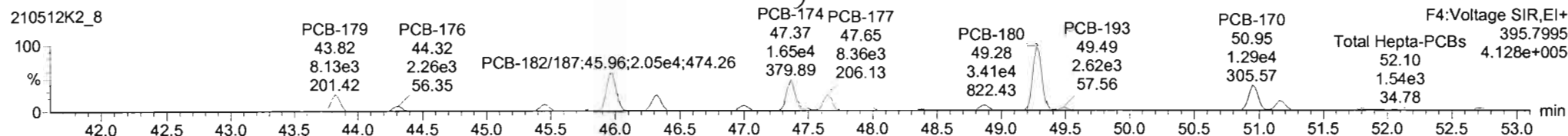
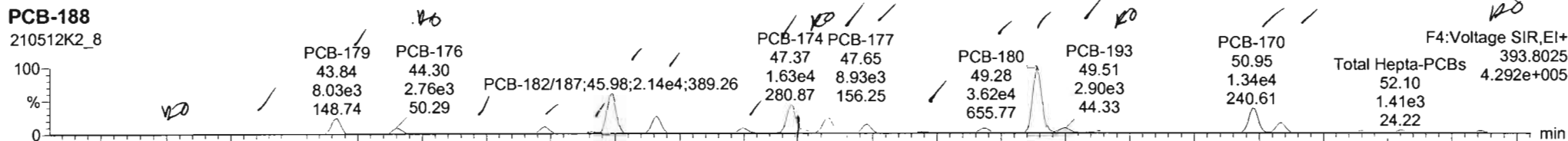


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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

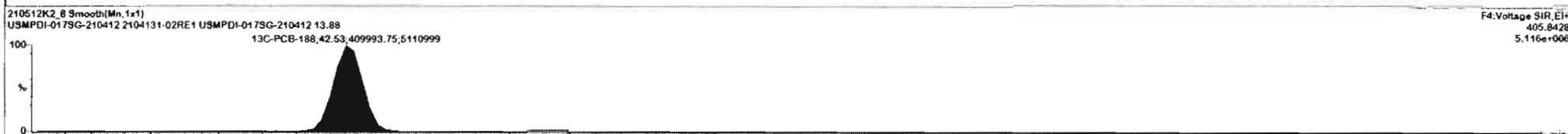
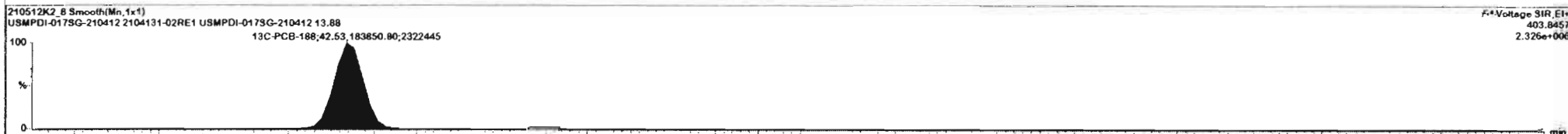
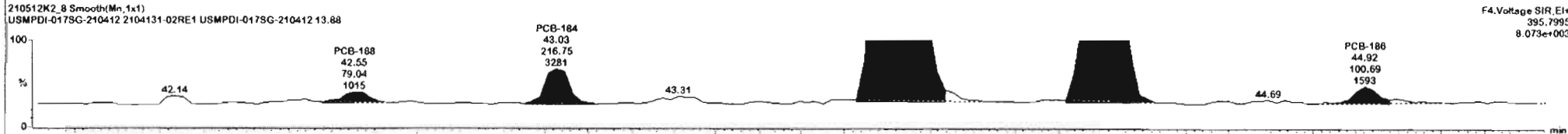
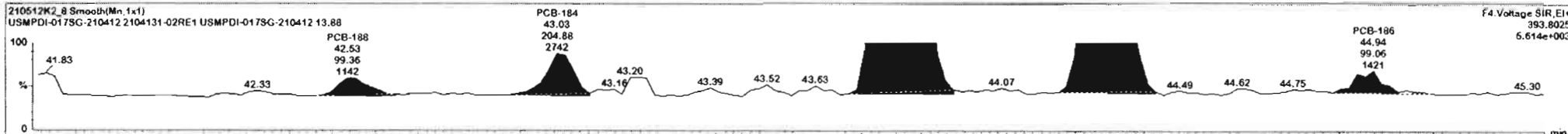
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210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	ivly	RRF	w/wol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec.	DL	EMPC
232	232 4th Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	233 Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.8		14.6	977.6

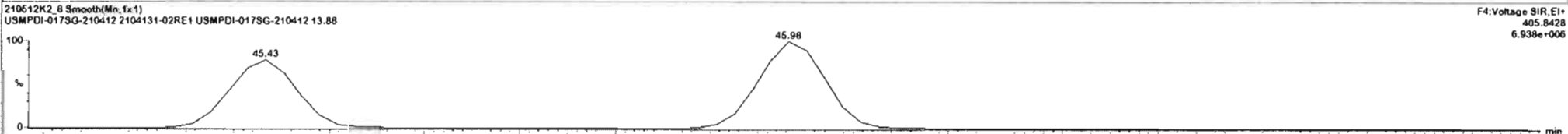
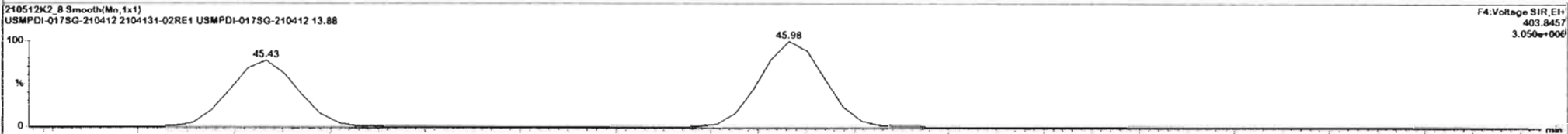
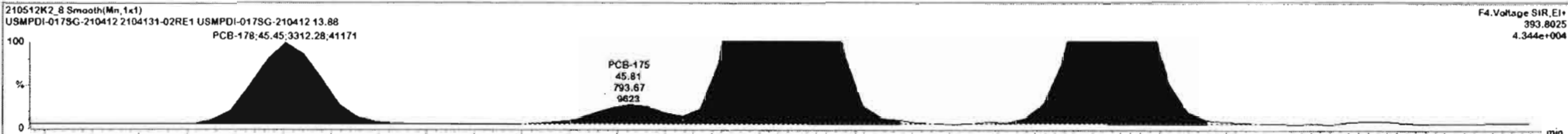
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	I ¹ Ratio (Pred)	RA	ivly	EMPC	Conc.
1	1. PCB-175	45.81	45.81	7.937e2	7.315e2	1.050	1.08	NO	8.0242	8.0242
2	1. PCB-173	45.45	45.45	3.312e3	3.040e3	1.050	1.09	NO	25.778	25.778
3	1. PCB-186	44.33	44.34	8.900e1	1.007e2	1.050	0.98	NO	0.54852	0.54852
4	1. PCB-172	44.70	44.70	2.780e3	2.287e3	1.050	1.22	YES	14.194	0.00000
5	1. PCB-179	43.81	43.84	8.060e3	8.124e3	1.050	0.99	NO	50.733	50.733
6	1. PCB-184	43.01	43.03	2.049e2	2.167e2	1.050	0.95	NO	1.2460	1.2460
7	1. PCB-183	42.57	42.53	9.936e1	7.994e1	1.050	1.26	YES	0.47470	0.00000



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.83 - USMPDI-017SG-210412

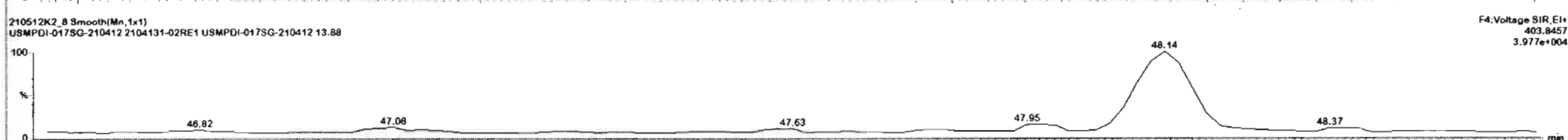
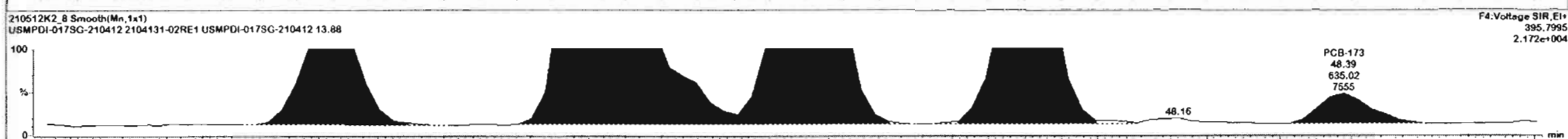
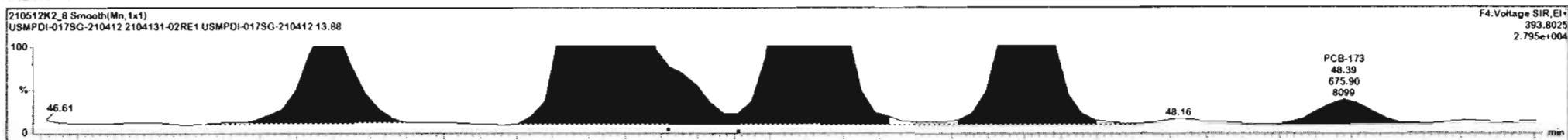
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.8		14.6	977.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1. PCB-175	45.81	45.81	7.937e2	7.315e2	1.000	1.08	NO	8.0242	6.0242
2	1. PCB-178	45.45	45.45	3.312e3	3.040e3	1.000	1.09	NO	26.778	26.778
3	1. PCB-18E	44.93	44.94	9.506e1	1.007e2	1.000	0.98	NO	0.54652	0.54652
4	1. PCB-17E	44.20	44.20	2.780e3	2.287e3	1.550	1.22	YES	14.194	0.00000
5	1. PCB-17S	43.31	43.84	8.060e3	8.124e3	1.850	0.99	NO	50.733	50.733
6	1. PCB-16A	43.01	43.03	2.049e2	2.187e2	1.560	0.95	NO	1.2460	1.2460
7	1. PCB-16B	42.57	42.53	9.936e1	7.994e1	1.050	1.26	YES	0.47470	0.00000



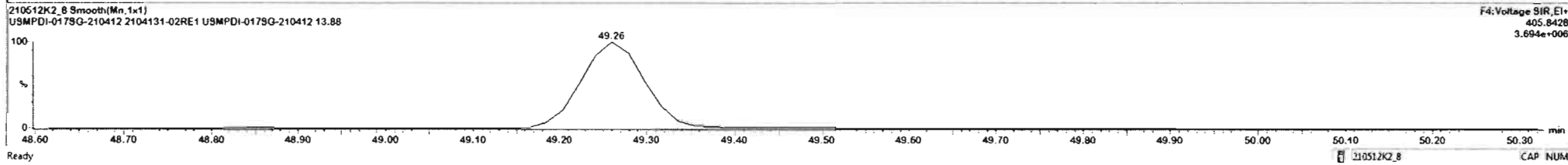
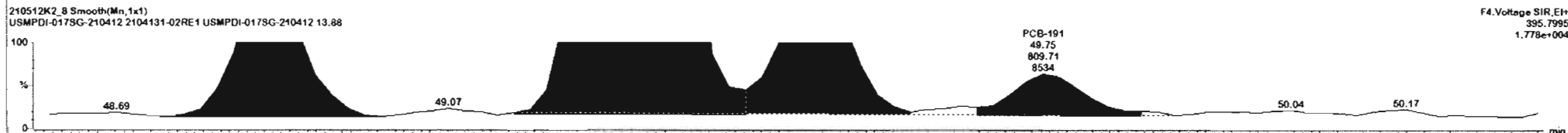
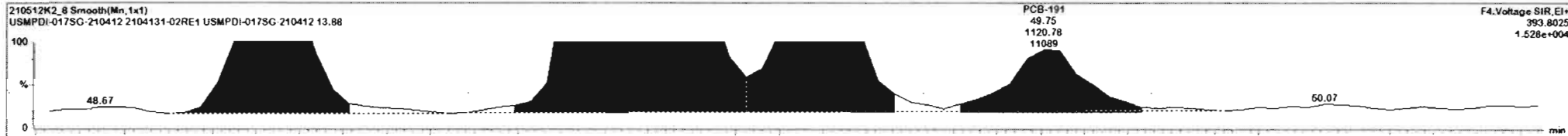
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th-Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	2331 Total Hepta-PCBs				1.2043	4.999	0.00		0.000		NO	947.81		14.61	977.61

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1.. PCB-175	46.81	46.81	7.627e2	7.315e2	1.050	1.08	NO	8.0242	8.0242
2	1.. PCB-173	46.45	46.46	3.312e3	3.040e3	1.050	1.09	NO	25.776	25.776
3	1.. PCB-186	44.93	44.94	9.906e1	1.007e2	1.050	0.98	NO	0.54652	0.54652
4	1.. PCB-176	44.70	44.70	2.780e1	2.287e3	1.050	1.22	YES	14.194	0.00000
5	1.. PCB-179	43.81	43.84	8.050e3	8.124e3	1.050	0.99	NO	50.733	50.733
6	1.. PCB-184	43.01	43.03	2.049e2	2.167e2	1.050	0.95	NO	1.2460	1.2460
7	1.. PCB-183	42.57	42.53	9.936e1	7.504e1	1.050	1.26	YES	0.47470	0.00000



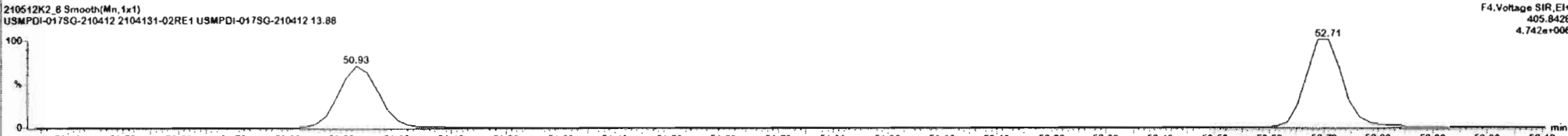
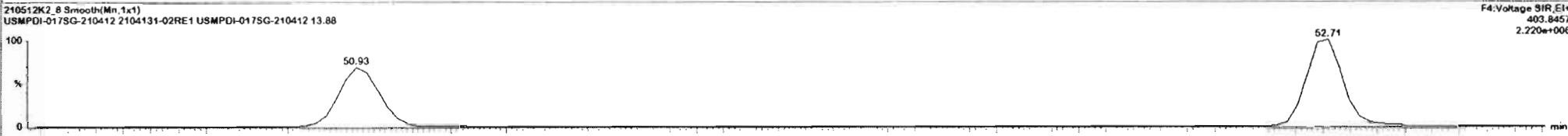
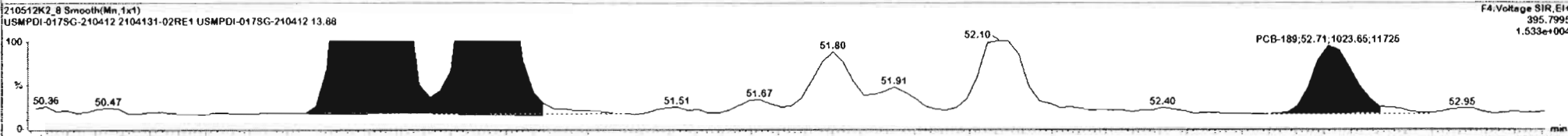
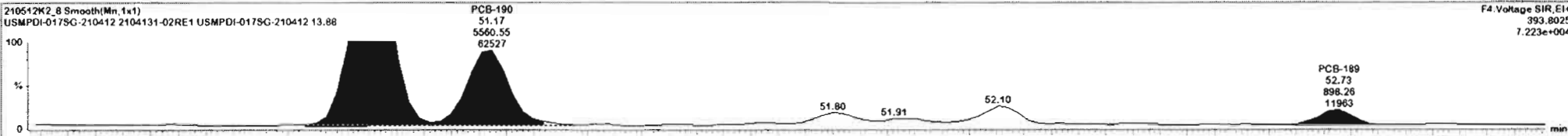
#	Name	Resp	RA	n/y	RRF	wS/wI	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				0.9455	4.999	0.00		0.000		NO	1135		30.0	1137
233	233 Total Hepta-PCBs				1.2043	4.969	0.00		0.000		NO	947.8		14.6	977.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1.. PCB-175	45.81	45.81	7.807e2	7.315e2	1.050	1.08	NO	6.0242	6.0242
2	1.. PCB-178	45.45	45.45	3.312e3	3.040e3	1.090	1.09	NO	25.778	25.778
3	1.. PCB-186	44.93	44.94	9.906e1	1.007e2	1.050	0.98	NO	0.54652	0.54652
4	1.. PCB-176	44.30	44.30	2.780e3	2.287e3	1.260	1.22	YES	14.194	0.00000
5	1.. PCB-179	43.81	43.84	8.060e3	6.124e3	1.310	0.99	NO	50.733	50.733
6	1.. PCB-184	43.01	43.02	2.049e2	2.167e2	1.050	0.95	NO	1.2480	1.2480
7	1.. PCB-168	42.57	42.53	9.536e1	7.904e1	1.200	1.26	YES	0.47470	0.00000



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				0.6455	4.969	0.00		0.000		NO	1135		30.0	1137
233	233 Total Hepta-PCBs				1.2043	4.969	0.00		0.000		NO	947.81		14.6	977.6

#	Name	Pred_RT	RT	m1 Resp	m2 Reso	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-175	45.81	45.81	7.937e2	7.315e2	1.050	1.02	NO	8.0242	6.0242
2	1 PCB-178	45.45	45.45	3.312e3	3.040e3	1.050	1.09	NO	25.778	25.778
3	1 PCB-186	44.93	44.94	9.906e1	1.007e2	1.050	0.85	NO	0.54652	0.54652
4	1 PCB-176	44.30	44.30	2.780e3	2.227e3	1.050	1.22	YES	14.194	0.00000
5	1 PCB-179	43.81	43.84	8.080e3	8.124e3	1.050	0.99	NO	50.733	50.733
6	1 PCB-184	43.01	43.03	2.049e2	2.167e2	1.050	0.95	NO	1.2480	1.2480
7	1 PCB-188	42.57	42.53	5.936e1	7.904e1	1.050	1.26	YES	0.47470	0.00000

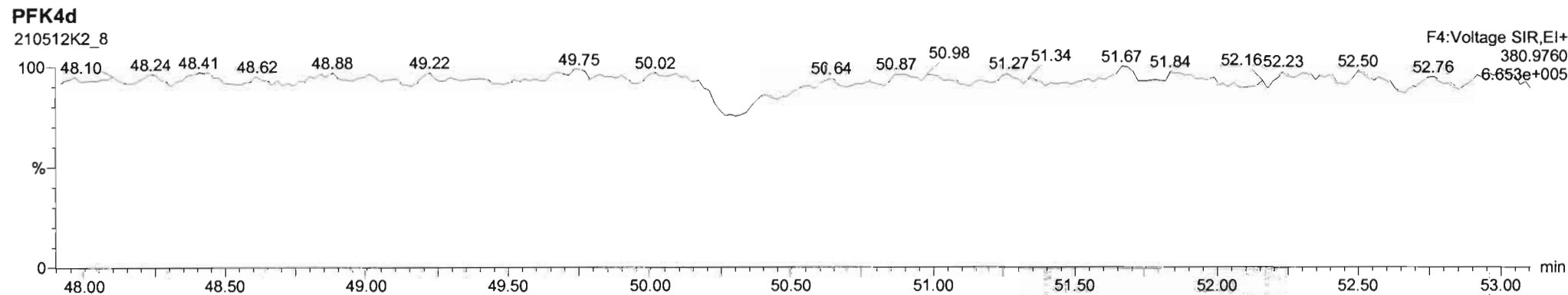
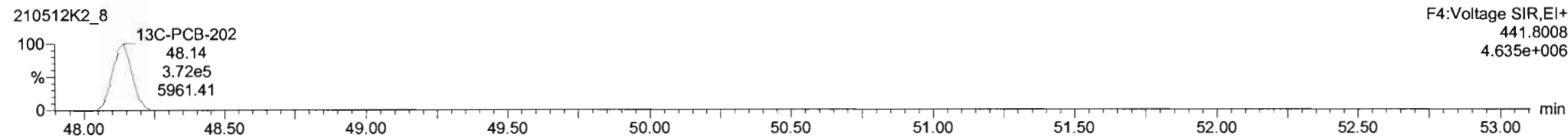
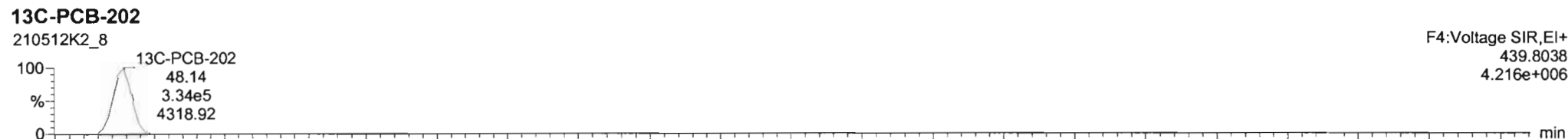
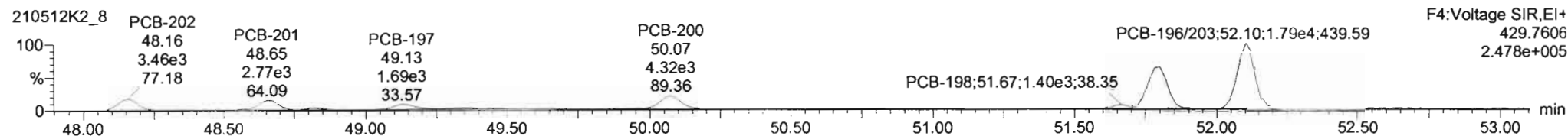
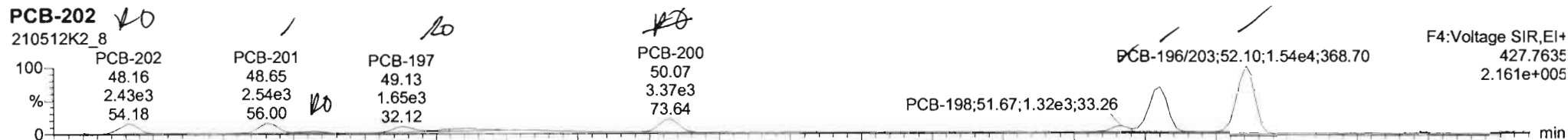


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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

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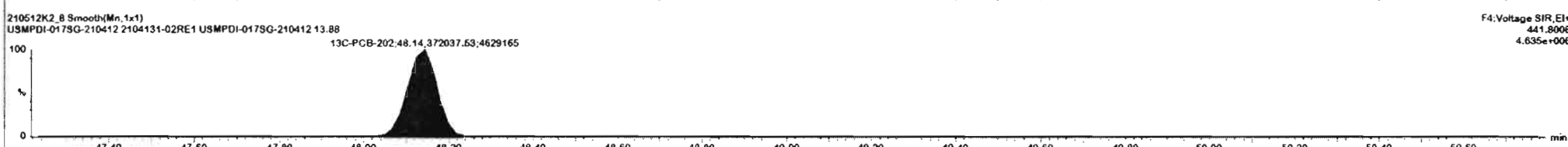
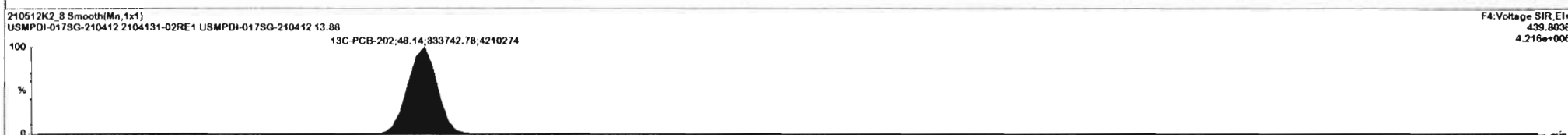
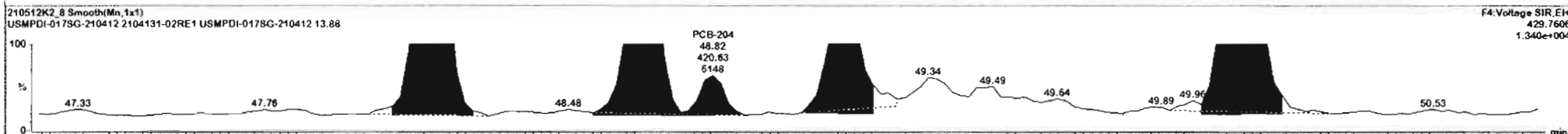
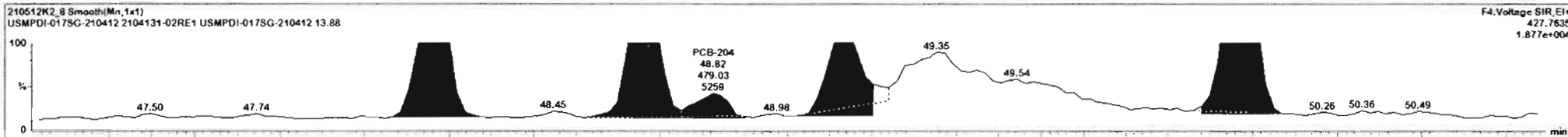
Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				0.8605	4.989	0.00		0.000		NO	271.9		4.81	298.8
235	235 5th Function Octa-PCBs				1.0957	4.999	0.00		0.000		NO	120.1		2.32	126.1

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1. PCB-200	50.07	50.08	3.413e3	4.246e3	0.850	0.80	NO	23.827	23.827
2	1. PCB-197	49.15	49.13	1.734e3	1.631e3	0.950	1.06	YES	9.0028	0.0000
3	1. PCB-204	48.83	48.82	4.790e2	4.206e2	0.890	1.14	YES	2.3692	0.0000
4	1. PCB-201	48.87	48.85	2.583e3	2.826e3	0.850	0.81	NO	16.917	16.917
5	1. PCB-202	48.18	48.16	2.428e4	3.395e3	0.850	0.71	YES	14.884	0.0000
6	1. PCB-198/203	52.14	52.10	1.558e4	1.794e4	0.890	0.87	NO	125.93	125.93
7	1. PCB-199	51.34	51.80	1.099e4	1.245e4	0.890	0.88	NO	94.140	94.140

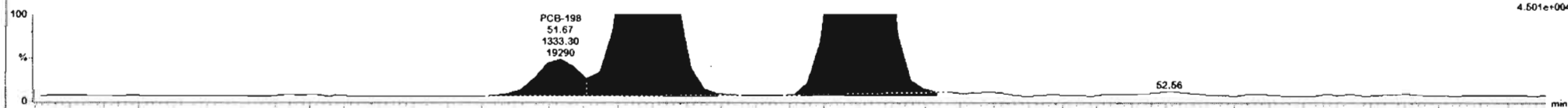


210512K2_8 - 2104131-02RE1 USMPDI-017SG-210412 13.88 - USMPDI-017SG-210412

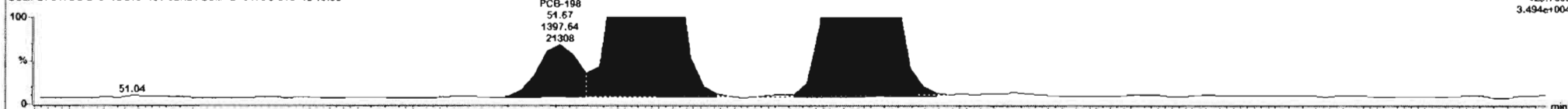
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				0.8605	4.999	0.00		0.000		NO	271.9		4.81	298.0
235	235 5th Function Octa-PCBs				1.0957	4.999	0.00		0.000		NO	120.1		2.32	120.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1.. PCB-200	50.07	50.08	3.413e3	4.246e3	0.890	0.80	NO	23.827	23.827
2	1.. PCB-197	49.15	49.13	1.734e3	1.631e3	0.890	1.00	YES	9.8828	0.00000
3	1.. PCB-204	48.83	48.82	4.790e2	4.206e2	0.890	1.14	YES	2.3802	0.00000
4	1.. PCB-201	48.27	48.85	2.568e3	2.826e3	0.890	0.91	NO	16.917	16.917
5	1.. PCB-202	48.16	48.16	2.426e3	3.395e3	0.890	0.71	YES	14.684	0.00000
6	1.. PCB-198/203	52.14	52.10	1.558e4	1.794e4	0.890	0.87	NO	125.93	125.93
7	1.. PCB-199	51.94	51.80	1.099e4	1.245e4	0.890	0.68	NO	94.140	94.140

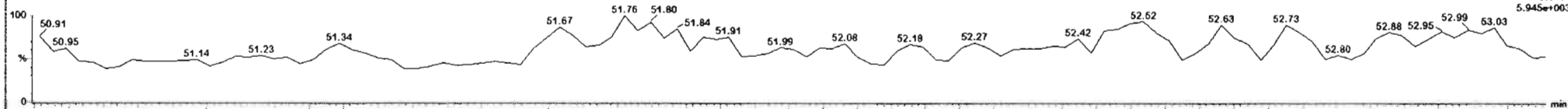
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USMPDI-017SG-210412 2104131-02RE1 USMPDI-017SG-210412 13.88



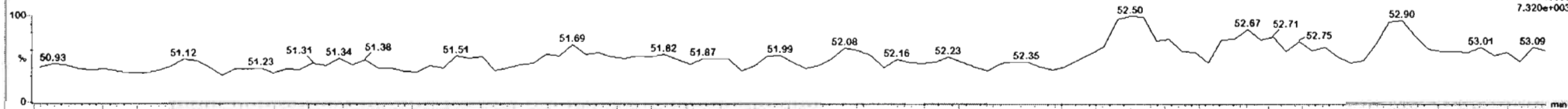
210512K2_8 Smooth(Mn,1x1)
USMPDI-017SG-210412 2104131-02RE1 USMPDI-017SG-210412 13.88



210512K2_8 Smooth(Mn,1x1)
USMPDI-017SG-210412 2104131-02RE1 USMPDI-017SG-210412 13.88



210512K2_8 Smooth(Mn,1x1)
USMPDI-017SG-210412 2104131-02RE1 USMPDI-017SG-210412 13.88



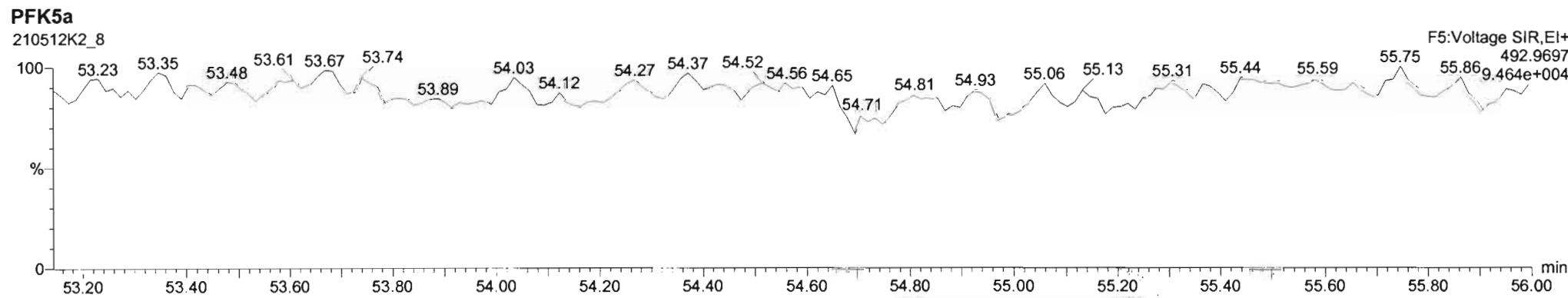
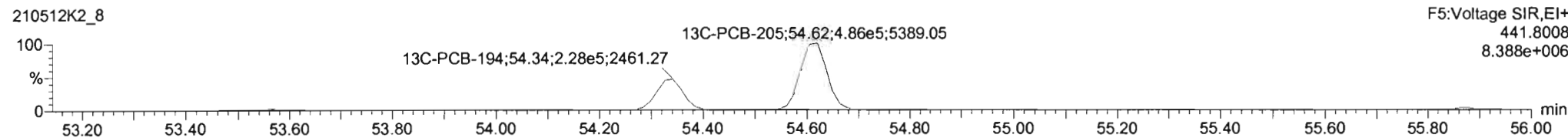
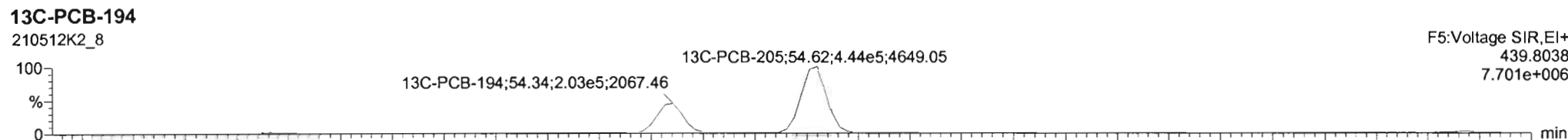
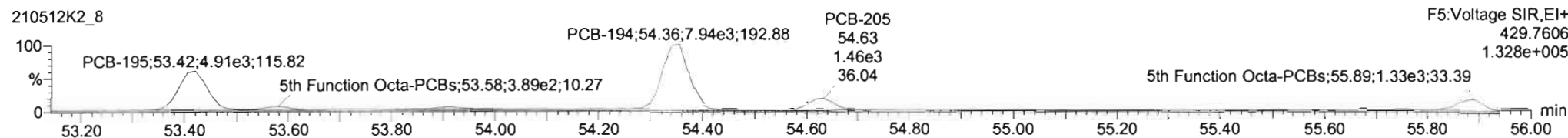
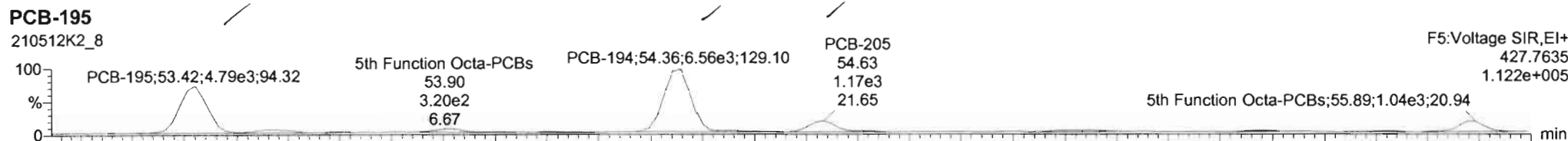
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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

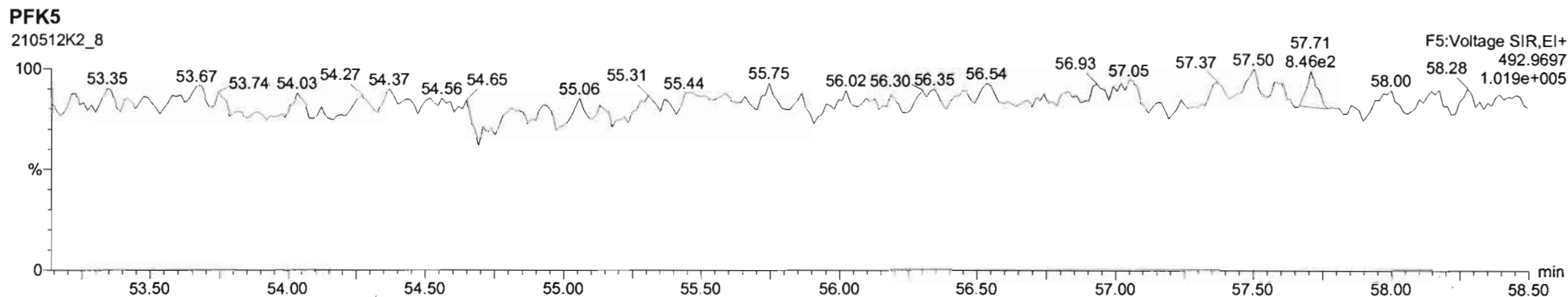
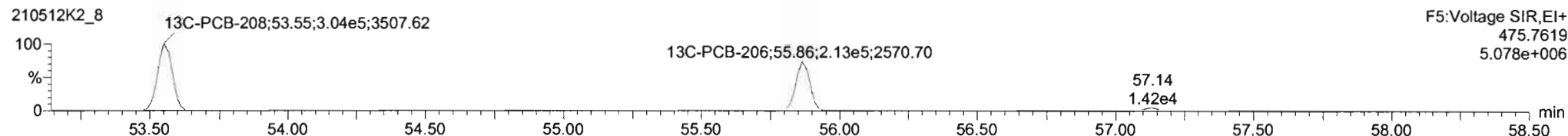
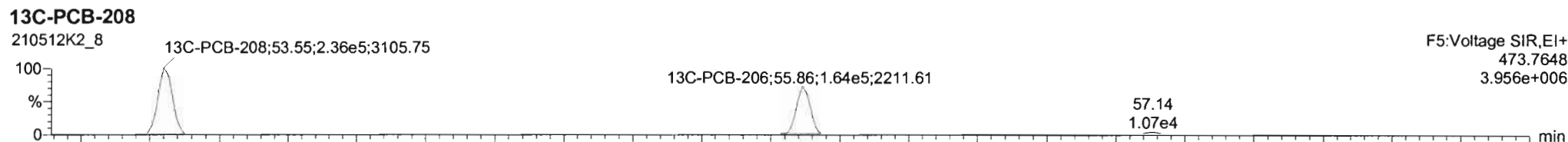
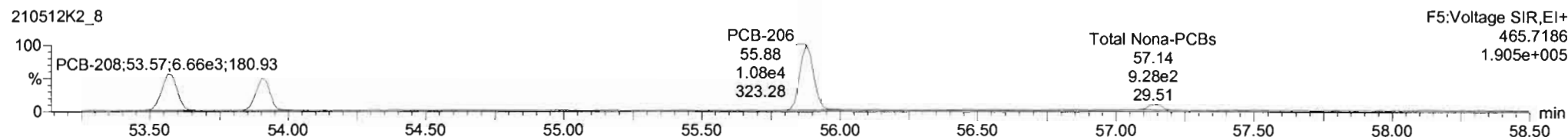
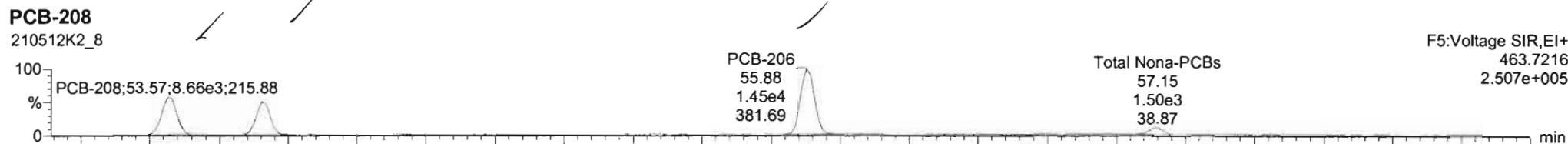
Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



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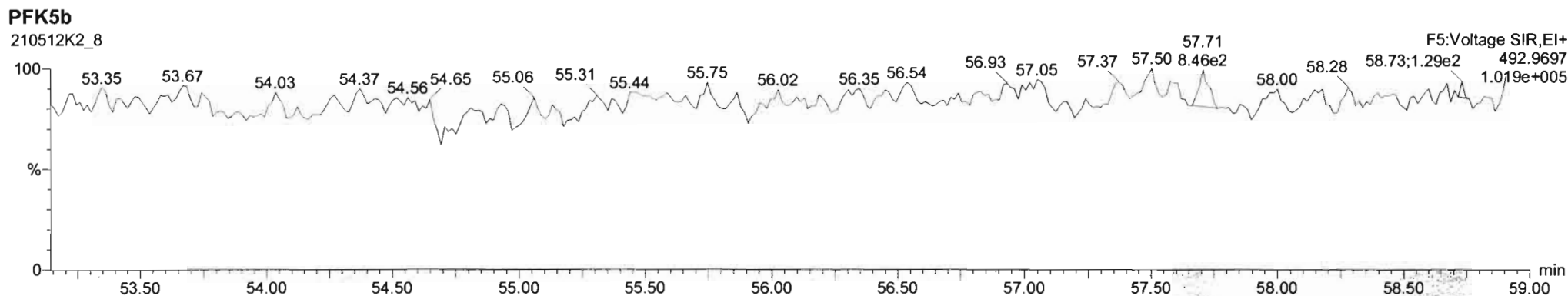
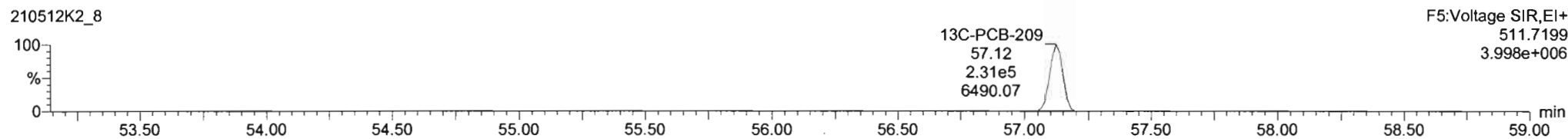
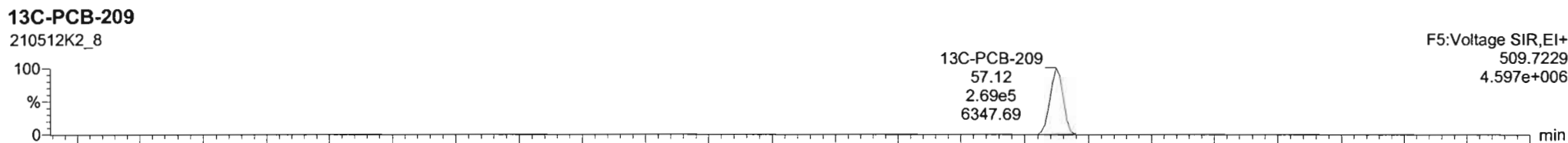
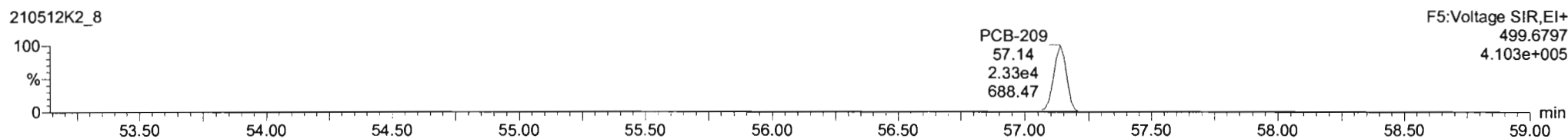
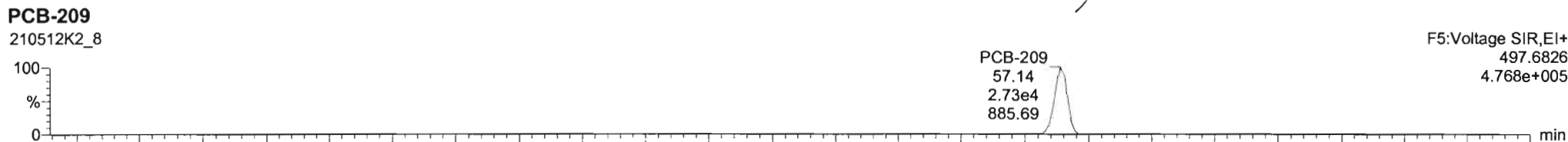
Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
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Name: 210512K2_8, Date: 12-May-2021, Time: 18:58:17, ID: 2104131-02RE1 USMPDI-017SG-210412 13.88, Description: USMPDI-017SG-210412



Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

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DF05/14/21

CT05/17/2021

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	2.21e3	3.66	YES	0.986	5.021	15.19	15.21	1.001	1.002	NO	3.589		0.193	3.183
2	2 PCB-2	3.45e3	2.74	NO	1.02	5.021	17.61	17.61	0.988	0.988	NO	5.554		0.228	5.554
3	3 PCB-3	2.88e3	2.59	YES	1.00	5.021	17.83	17.83	1.001	1.001	NO	4.787		0.232	4.511
4	4 PCB-4/10	3.18e3	1.37	NO	1.21	5.021	19.22	19.17	1.004	1.002	NO	6.627		0.859	6.627
5	5 PCB-7/9			NO	0.939	5.021	21.01		1.003		YES			0.733	
6	6 PCB-6	3.22e3	0.95	YES	0.996	5.021	21.65	21.67	1.033	1.034	NO	4.939		0.691	3.949
7	7 PCB-5/8	8.66e3	1.50	NO	0.976	5.021	22.05	22.07	1.052	1.053	NO	13.55		0.705	13.55
8	8 PCB-14			NO	1.02	5.021	23.22		0.951		YES			0.679	
9	9 PCB-11	2.90e4	1.59	NO	1.12	5.021	24.42	24.42	1.001	1.001	NO	37.14		0.623	37.14
10	10 PCB-12/13	3.47e3	1.32	YES	1.02	5.021	24.85	24.82	1.018	1.017	NO	4.870		0.682	4.540
11	11 PCB-15	1.05e4	1.48	NO	1.02	5.021	25.13	25.15	1.030	1.030	NO	14.70		0.683	14.70
12	12 PCB-19	2.67e3	1.21	YES	0.972	5.021	23.38	23.37	1.001	1.001	NO	6.769		0.305	6.256
13	13 PCB-30			NO	1.54	5.021	24.27		1.039		YES			0.193	
14	14 PCB-18	1.14e4	1.02	NO	0.719	5.021	25.05	25.05	0.951	0.951	NO	26.54		0.294	26.54
15	15 PCB-17	5.19e3	1.01	NO	0.672	5.021	25.23	25.22	0.958	0.958	NO	12.92		0.315	12.92
16	16 PCB-24/27	1.78e3	1.05	NO	0.932	5.021	25.81	25.80	0.980	0.980	NO	3.191		0.227	3.191
17	17 PCB-16/32	9.08e3	0.99	NO	0.824	5.021	26.35	26.35	1.001	1.001	NO	18.41		0.257	18.41
18	18 PCB-34			NO	0.878	5.021	27.19		0.959		YES			0.435	
19	19 PCB-23			NO	0.892	5.021	27.29		0.962		YES			0.428	
20	20 PCB-29			NO	0.861	5.021	27.55		0.972		YES			0.444	
21	21 PCB-26	7.00e3	0.92	NO	0.915	5.021	27.75	27.74	0.979	0.978	NO	12.06		0.418	12.06
22	22 PCB-25	4.04e3	0.86	YES	0.915	5.021	27.91	27.91	0.984	0.984	NO	6.951		0.417	6.311
23	23 PCB-31	2.39e4	1.09	NO	1.03	5.021	28.28	28.26	0.998	0.997	NO	36.51		0.371	36.51
24	24 PCB-28	3.24e4	1.02	NO	1.01	5.021	28.37	28.37	1.001	1.001	NO	50.27		0.377	50.27
25	25 PCB-20/21/33	1.25e4	1.04	NO	0.913	5.021	29.00	29.04	1.023	1.024	NO	21.49		0.419	21.49
26	26 PCB-22	9.29e3	1.03	NO	0.948	5.021	29.46	29.47	1.039	1.039	NO	15.43		0.403	15.43
27	27 PCB-36			NO	1.07	5.021	30.11		0.930		YES			0.490	
28	28 PCB-39			NO	1.00	5.021	30.60		0.945		YES			0.522	
29	29 PCB-38	4.01e3	1.14	NO	1.05	5.021	31.41	31.39	0.970	0.970	NO	6.938		0.499	6.938
30	30 PCB-35	1.02e3	1.01	NO	1.05	5.021	31.95	31.96	0.987	0.987	NO	1.771		0.501	1.771
31	31 PCB-37	1.17e4	0.99	NO	1.03	5.021	32.39	32.39	1.001	1.001	NO	20.63		0.510	20.63

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
32	32 PCB-54	8.20e2	0.67	NO	0.974	5.021	27.20	27.20	1.001	1.001	NO	1.634		0.316	1.634
33	33 PCB-50			NO	0.803	5.021	28.40		1.045		YES			0.384	
34	34 PCB-53	5.84e3	0.82	NO	0.939	5.021	29.06	29.06	0.943	0.943	NO	14.49		0.410	14.49
35	35 PCB-51	2.83e3	0.68	NO	1.00	5.021	29.41	29.41	0.954	0.954	NO	6.594		0.385	6.594
36	36 PCB-45	3.47e3	0.71	NO	0.802	5.021	29.86	29.86	0.969	0.969	NO	10.07		0.479	10.07
37	37 PCB-46	1.78e3	0.92	YES	0.770	5.021	30.36	30.36	0.985	0.985	NO	5.390		0.499	4.968
38	38 PCB-52/69	4.84e4	0.78	NO	1.08	5.021	30.87	30.85	1.001	1.001	NO	104.1		0.355	104.1
39	39 PCB-73	4.55e2	0.71	NO	1.31	5.021	30.98	30.96	1.005	1.004	NO	0.8099		0.294	0.8099
40	40 PCB-43/49	3.18e4	0.78	NO	0.925	5.021	31.15	31.18	1.010	1.011	NO	79.95		0.416	79.95
41	41 PCB-47	1.64e4	0.83	NO	0.863	5.021	31.39	31.39	1.001	1.001	NO	41.43		0.439	41.43
42	42 PCB-48/75	5.74e3	0.78	NO	1.04	5.021	31.52	31.52	1.005	1.005	NO	12.05		0.365	12.05
43	43 PCB-65			NO	1.16	5.021	31.78		1.013		YES			0.327	
44	44 PCB-62			NO	1.04	5.021	31.87		1.016		YES			0.365	
45	45 PCB-44	2.57e4	0.76	NO	0.757	5.021	32.21	32.19	1.027	1.026	NO	73.81		0.500	73.81
46	46 PCB-42/59	1.15e4	0.68	NO	0.975	5.021	32.42	32.43	1.034	1.034	NO	25.71		0.389	25.71
47	47 PCB-41/64/71/72	4.03e4	0.77	NO	1.12	5.021	33.04	33.04	1.053	1.053	NO	78.75		0.339	78.75
48	48 PCB-68	1.06e3	0.76	NO	1.19	5.021	33.30	33.30	1.062	1.062	NO	1.941		0.319	1.941
49	49 PCB-40	3.88e3	0.95	YES	0.572	5.021	33.53	33.51	1.069	1.068	NO	14.77		0.662	13.40
50	50 PCB-57			NO	1.08	5.021	33.88		0.969		YES			0.337	
51	51 PCB-67	1.41e3	0.63	YES	1.02	5.021	34.20	34.23	0.978	0.979	NO	2.628		0.357	2.327
52	52 PCB-58			NO	1.08	5.021	34.33		0.982		YES			0.336	
53	53 PCB-63	2.07e3	0.82	NO	0.971	5.021	34.48	34.49	0.986	0.986	NO	4.037		0.374	4.037
54	54 PCB-74	2.31e4	0.78	NO	1.09	5.021	34.78	34.79	0.994	0.995	NO	40.23		0.334	40.23
55	55 PCB-61/70	6.46e4	0.79	NO	0.978	5.021	35.00	35.01	1.000	1.001	NO	125.3		0.371	125.3
56	56 PCB-76/66	5.19e4	0.79	NO	1.07	5.021	35.19	35.22	1.006	1.007	NO	91.83		0.339	91.83
57	57 PCB-80			NO	1.08	5.021	35.45		1.001		YES			0.328	
58	58 PCB-55			NO	1.06	5.021	35.77		1.010		YES			0.332	
59	59 PCB-56/60	3.21e4	0.79	NO	0.946	5.021	36.26	36.28	1.023	1.024	NO	61.09		0.373	61.09
60	60 PCB-79	1.67e3	0.64	YES	1.06	5.021	37.38	37.40	1.055	1.056	NO	2.844		0.333	2.540
61	61 PCB-78			NO	1.01	5.021	38.11		0.987		YES			0.410	
62	62 PCB-81	5.90e2	0.70	NO	0.941	5.021	38.65	38.66	1.000	1.001	NO	1.137		0.438	1.137
63	63 PCB-77	6.65e3	0.83	NO	1.03	5.021	39.28	39.28	1.000	1.000	NO	12.27		0.444	12.27
64	64 PCB-104	2.81e2	1.64	NO	0.982	5.021	32.04	32.08	1.001	1.002	NO	0.5295		0.341	0.5295
65	65 PCB-96	7.89e2	2.22	YES	0.982	5.021	33.33	33.32	1.041	1.041	NO	1.485		0.340	1.180

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103	1.26e3	1.21	YES	0.770	5.021	33.92	33.90	1.059	1.059	NO	3.027		0.435	2.722
67	67 PCB-100	1.26e3	1.52	NO	0.805	5.021	34.27	34.27	1.070	1.070	NO	2.903		0.416	2.903
68	68 PCB-94	3.53e2	1.43	NO	0.831	5.021	34.74	34.77	0.985	0.986	NO	1.065		0.562	1.065
69	69 PCB-95/98/102	4.78e4	1.54	NO	1.07	5.021	35.23	35.29	0.999	1.001	NO	111.9		0.436	111.9
70	70 PCB-93			NO	0.761	5.021	35.33		1.002		YES			0.613	
71	71 PCB-88/91	9.93e3	1.47	NO	0.910	5.021	35.70	35.70	1.012	1.012	NO	27.37		0.513	27.37
72	72 PCB-121			NO	1.46	5.021	35.81		1.015		YES			0.319	
73	73 PCB-84/92	2.46e4	1.51	NO	0.826	5.021	36.66	36.65	0.990	0.990	NO	70.67		0.550	70.67
74	74 PCB-89	1.12e3	1.57	NO	0.885	5.021	36.84	36.84	0.995	0.995	NO	3.008		0.513	3.008
75	75 PCB-90/101	7.37e4	1.63	NO	0.905	5.021	37.04	37.04	1.000	1.001	NO	192.8		0.502	192.8
76	76 PCB-113			NO	1.26	5.021	37.28		1.007		YES			0.361	
77	77 PCB-99	3.66e4	1.49	NO	0.993	5.021	37.38	37.38	1.010	1.010	NO	87.39		0.457	87.39
78	78 PCB-119	2.84e3	1.96	YES	1.53	5.021	37.87	37.86	0.987	0.987	NO	5.123		0.356	4.431
79	79 PCB-108/112	3.11e3	1.91	YES	1.25	5.021	38.02	38.03	0.991	0.991	NO	6.896		0.450	6.074
80	80 PCB-83			NO	1.56	5.021	38.18		0.995		YES			0.344	
81	81 PCB-97	1.86e4	1.56	NO	1.12	5.021	38.38	38.38	1.000	1.000	NO	45.79		0.477	45.79
82	82 PCB-86	7.36e2	1.93	YES	1.06	5.021	38.53	38.48	1.004	1.003	NO	1.921		0.506	1.679
83	83 PCB-87/117/125	2.80e4	1.63	NO	1.34	5.021	38.67	38.68	1.008	1.008	NO	57.74		0.400	57.74
84	84 PCB-111/115	2.32e3	1.37	NO	1.62	5.021	38.83	38.83	1.012	1.012	NO	3.967		0.331	3.967
85	85 PCB-85/116	1.50e4	1.66	NO	1.23	5.021	38.95	38.94	1.015	1.015	NO	33.63		0.435	33.63
86	86 PCB-120			NO	1.79	5.021	39.21		1.022		YES			0.299	
87	87 PCB-110	1.00e5	1.57	NO	1.50	5.021	39.34	39.37	1.025	1.026	NO	185.0		0.357	185.0
88	88 PCB-82	6.91e3	1.46	NO	0.638	5.021	40.02	40.00	0.975	0.975	NO	20.97		0.614	20.97
89	89 PCB-124	4.25e3	1.44	NO	1.08	5.021	40.74	40.75	0.993	0.993	NO	7.616		0.363	7.616
90	90 PCB-107/109	7.48e3	1.66	NO	1.11	5.021	40.88	40.90	0.996	0.997	NO	13.05		0.353	13.05
91	91 PCB-123	1.99e3	1.70	NO	1.00	5.021	41.05	41.04	1.000	1.000	NO	3.840		0.391	3.840
92	92 PCB-106/118	9.12e4	1.51	NO	1.02	5.021	41.25	41.25	1.001	1.001	NO	167.2		0.395	167.2
93	93 PCB-114	1.89e3	1.34	NO	1.08	5.021	41.91	41.91	1.000	1.000	NO	4.282		0.627	4.282
94	94 PCB-122	1.13e3	2.09	YES	0.930	5.021	42.06	42.06	1.004	1.004	NO	2.174		0.751	2.461
95	95 PCB-105	3.35e4	1.50	NO	1.03	5.021	42.80	42.80	1.000	1.000	NO	76.05		0.644	76.05
96	96 PCB-127			NO	1.06	5.021	43.16		1.000		YES			0.650	
97	97 PCB-126	6.95e2	1.71	NO	1.15	5.021	45.13	45.13	1.000	1.000	NO	1.565		0.715	1.565
98	98 PCB-155	2.08e2	1.44	YES	0.853	5.021	36.56	36.56	1.000	1.000	NO	0.4829		0.419	0.4429
99	99 PCB-150	4.53e2	1.23	NO	0.934	5.021	37.86	37.88	1.036	1.037	NO	0.9607		0.136	0.9607

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	100 PCB-152	2.84e2	0.67	YES	1.02	5.021	38.36	38.35	1.050	1.049	NO	0.5532		0.125	0.4020
101	101 PCB-145			NO	0.983	5.021	38.82		1.062		YES			0.129	
102	102 PCB-136	1.18e4	1.36	NO	0.881	5.021	39.15	39.15	1.071	1.071	NO	26.49		0.144	26.49
103	103 PCB-148			NO	0.666	5.021	39.26		1.074		YES			0.190	
104	104 PCB-154	1.91e3	1.20	NO	0.721	5.021	39.78	39.78	1.089	1.089	NO	5.256		0.176	5.256
105	105 PCB-151	1.72e4	1.18	NO	0.674	5.021	40.43	40.43	1.107	1.106	NO	50.54		0.188	50.54
106	106 PCB-135	9.51e3	1.38	NO	0.723	5.021	40.65	40.67	1.112	1.113	NO	26.09		0.175	26.09
107	107 PCB-144	3.15e3	1.36	NO	0.691	5.021	40.77	40.77	1.116	1.116	NO	9.032		0.183	9.032
108	108 PCB-147	2.37e3	1.49	YES	0.713	5.021	40.90	40.92	1.119	1.120	NO	6.596		0.178	5.933
109	109 PCB-139/149	6.70e4	1.27	NO	0.773	5.021	41.17	41.17	1.127	1.127	NO	171.9		0.164	171.9
110	110 PCB-140	6.38e2	1.72	YES	0.652	5.021	41.36	41.36	1.132	1.132	NO	1.940		0.184	1.596
111	111 PCB-134/143	2.91e3	1.33	NO	0.718	5.021	41.84	41.83	0.974	0.974	NO	10.29		0.643	10.29
112	112 PCB-131/133	2.01e3	1.23	NO	0.768	5.021	42.16	42.14	0.982	0.981	NO	6.653		0.602	6.653
113	113 PCB-142			NO	0.687	5.021	42.32		0.985		YES			0.672	
114	114 PCB-146/165	1.46e4	1.23	NO	0.943	5.021	42.56	42.55	0.991	0.991	NO	39.19		0.490	39.19
115	115 PCB-132/161	1.99e4	1.32	NO	0.957	5.021	42.80	42.82	0.997	0.997	NO	52.72		0.483	52.72
116	116 PCB-153	9.22e4	1.23	NO	0.990	5.021	42.99	42.97	1.001	1.000	NO	236.5		0.466	236.5
117	117 PCB-168			NO	1.03	5.021	43.20		1.006		YES			0.446	
118	118 PCB-141	1.35e4	1.19	NO	0.948	5.021	43.73	43.73	1.000	1.000	NO	42.97		0.584	42.97
119	119 PCB-137	3.57e3	1.23	NO	0.964	5.021	44.13	44.13	1.010	1.010	NO	11.19		0.575	11.19
120	120 PCB-130	5.94e3	1.08	NO	0.816	5.021	44.22	44.24	1.012	1.012	NO	21.95		0.679	21.95
121	121 PCB-138/163/164	1.04e5	1.23	NO	1.15	5.021	44.64	44.60	1.001	1.000	NO	254.2		0.467	254.2
122	122 PCB-158/160	1.15e4	1.18	NO	1.14	5.021	44.88	44.85	1.007	1.006	NO	28.60		0.473	28.60
123	123 PCB-129	2.68e3	1.42	NO	0.807	5.021	45.11	45.11	1.012	1.012	NO	9.365		0.668	9.365
124	124 PCB-166			NO	1.03	5.021	45.58		0.993		YES			0.434	
125	125 PCB-159			NO	1.10	5.021	45.93		1.000		YES			0.409	
126	126 PCB-128/162	1.40e4	1.20	NO	0.836	5.021	46.22	46.19	1.007	1.006	NO	38.65		0.536	38.65
127	127 PCB-167	3.94e3	1.25	NO	0.960	5.021	46.63	46.63	1.000	1.000	NO	9.343		0.457	9.343
128	128 PCB-156	9.63e3	1.23	NO	1.06	5.021	47.97	47.97	1.000	1.000	NO	22.83		0.463	22.83
129	129 PCB-157	2.52e3	1.22	NO	0.960	5.021	48.24	48.24	1.000	1.000	NO	5.989		0.510	5.989
130	130 PCB-169			NO	1.04	5.021	50.53		1.000		YES			0.483	
131	131 PCB-188	1.39e2	1.03	NO	1.15	5.021	42.59	42.55	1.001	1.000	NO	0.3095		0.268	0.3095
132	132 PCB-184	3.27e2	0.98	NO	1.14	5.021	43.03	43.05	1.011	1.012	NO	0.7351		0.270	0.7351
133	133 PCB-179	1.37e4	0.99	NO	1.07	5.021	43.83	43.84	1.030	1.030	NO	32.70		0.287	32.70

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	134 PCB-176	3.96e3	1.14	NO	1.11	5.021	44.32	44.31	1.042	1.041	NO	9.125		0.277	9.125
135	135 PCB-186			NO	1.23	5.021	44.94		1.056		YES			0.250	
136	136 PCB-178	5.50e3	1.16	NO	0.830	5.021	45.47	45.47	1.069	1.069	NO	16.98		0.371	16.98
137	137 PCB-175	8.65e2	0.83	YES	0.853	5.021	45.83	45.81	1.077	1.077	NO	2.599		0.361	2.294
138	138 PCB-182/187	3.58e4	1.03	NO	0.942	5.021	46.00	45.98	1.081	1.081	NO	97.33		0.327	97.33
139	139 PCB-183	1.36e4	1.08	NO	0.910	5.021	46.32	46.32	1.089	1.089	NO	38.29		0.338	38.29
140	140 PCB-185	2.63e3	0.85	YES	1.24	5.021	46.99	47.01	0.954	0.954	NO	7.835		0.373	7.021
141	141 PCB-174	2.36e4	1.07	NO	1.20	5.021	47.36	47.38	0.961	0.962	NO	72.56		0.386	72.56
142	142 PCB-181	3.86e2	1.00	NO	1.33	5.021	47.46	47.48	0.964	0.964	NO	1.071		0.348	1.071
143	143 PCB-177	1.44e4	0.98	NO	1.14	5.021	47.66	47.67	0.967	0.968	NO	46.51		0.405	46.51
144	144 PCB-171	6.10e3	0.95	NO	1.22	5.021	47.93	47.97	0.973	0.974	NO	18.50		0.380	18.50
145	145 PCB-173	4.78e2	0.91	NO	1.07	5.021	48.39	48.41	0.982	0.983	NO	1.652		0.433	1.652
146	146 PCB-172	4.30e3	1.05	NO	1.26	5.021	48.87	48.88	0.992	0.992	NO	12.62		0.368	12.62
147	147 PCB-192			NO	1.61	5.021	49.05		0.996		YES			0.287	
148	148 PCB-180	5.49e4	1.00	NO	1.30	5.021	49.28	49.30	1.000	1.001	NO	155.7		0.355	155.7
149	149 PCB-193	3.92e3	1.09	NO	1.47	5.021	49.49	49.51	1.005	1.005	NO	9.821		0.314	9.821
150	150 PCB-191	1.11e3	1.05	NO	1.51	5.021	49.75	49.77	1.010	1.010	NO	2.723		0.307	2.723
151	151 PCB-170	2.21e4	0.92	NO	1.23	5.021	50.95	50.95	1.000	1.000	NO	66.93		0.386	66.93
152	152 PCB-190	5.83e3	1.05	NO	1.61	5.021	51.15	51.17	1.004	1.005	NO	13.49		0.295	13.49
153	153 PCB-189	1.12e3	1.04	NO	1.27	5.021	52.75	52.75	1.000	1.000	NO	2.832		0.286	2.832
154	154 PCB-202	4.23e3	0.91	NO	0.995	5.021	48.18	48.16	1.001	1.000	NO	9.834		0.233	9.834
155	155 PCB-201	2.32e3	0.94	NO	0.904	5.021	48.67	48.67	1.011	1.011	NO	5.942		0.256	5.942
156	156 PCB-204			NO	0.955	5.021	48.83		1.014		YES			0.242	
157	157 PCB-197	6.24e2	0.76	NO	0.964	5.021	49.15	49.17	1.021	1.021	NO	1.497		0.240	1.497
158	158 PCB-200	2.40e3	0.90	NO	0.911	5.021	50.07	50.08	1.040	1.040	NO	6.098		0.254	6.098
159	159 PCB-198	5.27e2	0.51	YES	0.696	5.021	51.70	51.69	1.074	1.074	NO	1.781		0.333	1.256
160	160 PCB-199	1.49e4	0.91	NO	0.706	5.021	51.84	51.80	1.077	1.076	NO	48.92		0.328	48.92
161	161 PCB-196/203	1.50e4	0.89	NO	0.754	5.021	52.14	52.12	1.083	1.083	NO	45.96		0.307	45.96
162	162 PCB-195	3.16e3	0.75	YES	0.957	5.021	53.47	53.46	0.983	0.983	NO	13.58		0.311	12.39
163	163 PCB-194	9.21e3	0.95	NO	1.06	5.021	54.42	54.42	1.000	1.000	NO	35.72		0.551	35.72
164	164 PCB-205	4.22e2	1.02	NO	1.27	5.021	54.67	54.68	1.005	1.005	NO	1.369		0.461	1.369
165	165 PCB-208	2.82e3	1.46	NO	0.861	5.021	53.61	53.61	1.000	1.000	NO	10.65		0.409	10.65
166	166 PCB-207	1.08e3	1.53	NO	0.849	5.021	53.94	53.96	1.007	1.007	NO	4.151		0.415	4.151
167	167 PCB-206	5.18e3	1.29	NO	0.951	5.021	55.92	55.92	1.000	1.000	NO	25.26		0.506	25.26

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
168	168 PCB-209	1.03e4	1.17	NO	0.863	5.021	57.17	57.19	1.000	1.001	NO	44.17		0.577	44.17
169	169 13C-PCB-1	1.25e6	3.22	NO	0.937	5.021	15.19	15.18	0.604	0.604	NO	1547	77.7	1.93	
170	170 13C-PCB-3	1.21e6	3.18	NO	0.934	5.021	17.80	17.82	0.709	0.709	NO	1508	75.7	1.94	
171	171 13C-PCB-4	7.91e5	1.60	NO	0.599	5.021	19.15	19.14	0.762	0.762	NO	1537	77.1	1.71	
172	172 13C-PCB-9	1.30e6	1.62	NO	0.960	5.021	20.98	20.96	0.835	0.834	NO	1583	79.5	1.07	
173	173 13C-PCB-11	1.39e6	1.59	NO	0.929	5.021	24.42	24.40	0.972	0.971	NO	1746	87.7	1.10	
174	174 13C-PCB-19	8.08e5	1.00	NO	0.506	5.021	23.36	23.35	0.930	0.929	NO	1858	93.3	4.58	
175	175 13C-PCB-32	1.19e6	1.05	NO	0.738	5.021	26.33	26.33	1.048	1.048	NO	1880	94.4	3.15	
176	176 13C-PCB-28	1.26e6	1.06	NO	1.06	5.021	28.35	28.35	1.004	1.004	NO	1793	90.0	3.38	
177	177 13C-PCB-37	1.10e6	1.09	NO	0.979	5.021	32.34	32.37	1.145	1.146	NO	1685	84.6	3.66	
178	178 13C-PCB-54	1.03e6	0.78	NO	0.981	5.021	27.18	27.18	0.749	0.750	NO	1572	78.9	1.17	
179	179 13C-PCB-52	8.56e5	0.76	NO	0.786	5.021	30.85	30.83	0.851	0.850	NO	1635	82.1	1.45	
180	180 13C-PCB-47	9.14e5	0.78	NO	0.833	5.021	31.37	31.37	0.865	0.865	NO	1649	82.8	1.37	
181	181 13C-PCB-70	1.05e6	0.78	NO	0.981	5.021	34.98	34.98	0.965	0.965	NO	1608	80.7	1.16	
182	182 13C-PCB-80	1.11e6	0.77	NO	1.01	5.021	35.43	35.42	0.977	0.977	NO	1640	82.3	1.13	
183	183 13C-PCB-81	1.10e6	0.77	NO	0.995	5.021	38.62	38.63	1.065	1.065	NO	1659	83.3	1.15	
184	184 13C-PCB-77	1.05e6	0.78	NO	0.977	5.021	39.22	39.26	1.082	1.083	NO	1614	81.0	1.17	
185	185 13C-PCB-104	1.08e6	1.56	NO	1.00	5.021	32.02	32.02	0.825	0.825	NO	1671	83.9	0.582	
186	186 13C-PCB-95	7.94e5	1.62	NO	0.779	5.021	35.32	35.28	0.910	0.908	NO	1590	79.8	0.750	
187	187 13C-PCB-101	8.41e5	1.55	NO	0.833	5.021	37.03	37.03	0.954	0.954	NO	1574	79.0	0.701	
188	188 13C-PCB-97	7.21e5	1.60	NO	0.679	5.021	38.37	38.37	0.988	0.988	NO	1655	83.1	0.860	
189	189 13C-PCB-123	1.03e6	1.57	NO	0.970	5.021	41.02	41.03	1.056	1.057	NO	1655	83.1	0.602	
190	190 13C-PCB-118	1.06e6	1.61	NO	1.00	5.021	41.21	41.21	1.061	1.061	NO	1654	83.1	0.584	
191	191 13C-PCB-114	8.10e5	1.60	NO	1.55	5.021	41.89	41.89	0.907	0.907	NO	1350	67.8	1.11	
192	192 13C-PCB-105	8.48e5	1.58	NO	1.59	5.021	42.78	42.78	0.927	0.927	NO	1373	68.9	1.08	
193	193 13C-PCB-127	8.97e5	1.55	NO	1.66	5.021	43.14	43.14	0.934	0.934	NO	1395	70.0	1.04	
194	194 13C-PCB-126	7.69e5	1.60	NO	1.65	5.021	45.08	45.11	0.976	0.977	NO	1205	60.5	1.05	
195	195 13C-PCB-155	1.00e6	1.23	NO	0.819	5.021	36.57	36.54	0.942	0.941	NO	1913	96.0	0.404	
196	196 13C-PCB-153	7.84e5	1.26	NO	1.31	5.021	42.95	42.95	0.930	0.930	NO	1540	77.3	1.94	
197	197 13C-PCB-141	6.60e5	1.29	NO	1.08	5.021	43.70	43.71	0.947	0.947	NO	1570	78.8	2.35	
198	198 13C-PCB-138	7.06e5	1.25	NO	1.15	5.021	44.57	44.58	0.965	0.966	NO	1580	79.3	2.21	
199	199 13C-PCB-159	8.62e5	1.25	NO	1.39	5.021	45.91	45.91	0.994	0.994	NO	1595	80.1	1.83	
200	200 13C-PCB-167	8.74e5	1.27	NO	1.43	5.021	46.61	46.61	1.010	1.009	NO	1580	79.3	1.79	
201	201 13C-PCB-156	7.91e5	1.27	NO	1.34	5.021	47.92	47.95	1.038	1.039	NO	1522	76.4	1.90	

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	202 13C-PCB-157	8.74e5	1.27	NO	1.36	5.021	48.21	48.22	1.044	1.044	NO	1658	83.2	1.88	
203	203 13C-PCB-169	8.63e5	1.27	NO	1.33	5.021	50.49	50.51	1.094	1.094	NO	1671	83.9	1.91	
204	204 13C-PCB-188	7.77e5	0.45	NO	1.39	5.021	42.57	42.55	0.925	0.925	NO	1541	77.4	0.795	
205	205 13C-PCB-180	5.40e5	0.46	NO	0.907	5.021	49.27	49.26	1.071	1.071	NO	1640	82.4	1.22	
206	206 13C-PCB-170	5.35e5	0.43	NO	0.823	5.021	50.94	50.93	1.107	1.107	NO	1792	89.9	1.34	
207	207 13C-PCB-189	6.19e5	0.44	NO	1.08	5.021	52.72	52.73	1.146	1.146	NO	1586	79.6	1.03	
208	208 13C-PCB-202	8.62e5	0.89	NO	1.23	5.021	48.16	48.14	1.047	1.047	NO	1928	96.8	0.586	
209	209 13C-PCB-194	4.84e5	0.89	NO	0.710	5.021	54.41	54.40	0.995	0.995	NO	1773	89.0	1.35	
210	210 13C-PCB-208	6.12e5	0.78	NO	0.865	5.021	53.61	53.60	0.980	0.980	NO	1840	92.4	1.21	
211	211 13C-PCB-206	4.30e5	0.77	NO	0.623	5.021	55.94	55.91	1.023	1.022	NO	1794	90.1	1.68	
212	212 13C-PCB-209	5.37e5	1.19	NO	0.725	5.021	57.19	57.17	1.046	1.045	NO	1928	96.8	0.767	
213	213 13C-PCB-15	1.71e6	1.59	NO	1.00	5.021	25.11	25.13	1.000	0.000	NO	1992	100	1.02	
214	214 13C-PCB-31	1.33e6	1.02	NO	1.00	5.021	28.23	28.24	1.000	0.000	NO	1992	100	3.58	
215	215 13C-PCB-60	1.33e6	0.78	NO	1.00	5.021	36.25	36.26	1.000	0.000	NO	1992	100	1.14	
216	216 13C-PCB-111	1.28e6	1.64	NO	1.00	5.021	38.82	38.83	1.000	0.000	NO	1992	100	0.584	
217	217 13C-PCB-128	7.72e5	1.24	NO	1.00	5.021	46.16	46.17	1.000	0.000	NO	1992	100	2.55	
218	218 13C-PCB-182	7.23e5	0.44	NO	1.00	5.021	45.99	46.00	0.000	0.000	NO	1992	100	1.10	
219	219 13C-PCB-205	7.66e5	0.91	NO	1.00	5.021	54.64	54.68	1.000	0.000	NO	1992	100	0.962	
220	220 13C-PCB-79	1.15e6	0.78	NO	1.04	5.021	37.36	37.38	1.030	1.031	NO	1672	84.0	1.10	
221	221 13C-PCB-178	5.55e5	0.44	NO	0.774	5.021	45.44	45.43	0.988	0.988	NO	1847	92.7	1.36	
222	222 13C-PCB-79	1.03e6	0.76	NO	1.04	5.021	37.36	37.38	0.967	0.968	NO	1799	90.3	1.59	
223	223 13C-PCB-178	5.55e5	0.44	NO	1.02	5.021	45.45	45.43	0.923	0.922	NO	2011	101	1.47	
224	224 Total Mono-PCBs				1.00	5.021	0.00		0.000		NO	5.554		0.653	13.25
225	225 Total Di-PCBs				1.04	5.021	0.00		0.000		NO	72.02		5.65	80.51
226	226 2nd Function Tri...				0.943	5.021	0.00		0.000		NO	61.06		1.59	67.32
227	227 3rd Function Tri...				0.969	5.021	0.00		0.000		NO	165.1		6.23	171.4
228	228 Total Tetra-PCBs				0.991	5.021	0.00		0.000		NO	787.2		12.3	810.5
229	229 3rd Function Pen...				1.11	5.021	0.00		0.000		NO	1037		12.4	1053
230	230 4th Function Pent...				1.05	5.021	0.00		0.000		NO	81.90		3.37	84.36
231	231 3rd Function Hex...				0.791	5.021	0.00		0.000		NO	290.3		2.13	298.6
232	232 4th Function Hex...				0.946	5.021	0.00		0.000		NO	790.4		10.5	790.4
233	233 Total Hepta-PCBs				1.20	5.021	0.00		0.000		NO	599.9		7.67	609.2
234	234 4th Function Oct...				0.860	5.021	0.00		0.000		NO	118.3		2.19	119.5
235	235 5th Function Oct...				1.10	5.021	0.00		0.000		NO	37.09		1.62	49.48

Handwritten notes and calculations on the right side of the table:
 226-16 -
 226-16 -
 1,118.9 -
 1,080.7 -
 155.39 -
 238.72
 1,137.36 -
 1,089.6 -
 168.48 -

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

Last Altered: Friday, May 14, 2021 5:35:17 PM Pacific Daylight Time

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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
236	236 Total Nona-PCBs				0.887	5.021	0.00		0.000		NO	40.06		1.33	40.06
237	237 Deca-CB				0.863	5.021	0.00		0.000		NO	44.17		0.577	44.17
238	238 Total PCBs														

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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	15.19	15.21	3.052e4	7.107e3	1.737e3	4.750e2	3.66	YES	2.212e3	0.00000	3.1831	0.193
2	PCB-2	17.61	17.61	3.318e4	1.371e4	2.525e3	9.203e2	2.74	NO	3.446e3	5.5537	5.5537	0.228
3	PCB-3	17.83	17.83	3.100e4	1.131e4	2.081e3	8.023e2	2.59	YES	2.883e3	0.00000	4.5107	0.232

Total Di-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-4/10	19.22	19.17	2.789e4	2.193e4	1.837e3	1.341e3	1.37	NO	3.177e3	6.6273	6.6273	0.859
2	PCB-6	21.65	21.67	2.266e4	1.803e4	1.571e3	1.653e3	0.95	YES	3.224e3	0.00000	3.9495	0.691
3	PCB-5/8	22.05	22.07	7.261e4	4.385e4	5.193e3	3.471e3	1.50	NO	8.664e3	13.551	13.551	0.705
4	PCB-11	24.42	24.42	2.479e5	1.502e5	1.779e4	1.121e4	1.59	NO	2.899e4	37.142	37.142	0.623
5	PCB-12/13	24.85	24.82	1.830e4	1.207e4	1.972e3	1.499e3	1.32	YES	3.471e3	0.00000	4.5402	0.682
6	PCB-15	25.13	25.15	8.284e4	5.791e4	6.234e3	4.225e3	1.48	NO	1.046e4	14.704	14.704	0.683

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	23.38	23.37	2.176e4	1.827e4	1.460e3	1.209e3	1.21	YES	2.670e3	0.00000	6.2557	0.305
2	PCB-18	25.05	25.05	8.386e4	8.833e4	5.770e3	5.650e3	1.02	NO	1.142e4	26.539	26.539	0.294
3	PCB-17	25.23	25.22	3.976e4	4.009e4	2.607e3	2.586e3	1.01	NO	5.193e3	12.925	12.925	0.315
4	PCB-24/27	25.81	25.80	1.293e4	1.299e4	9.115e2	8.681e2	1.05	NO	1.780e3	3.1909	3.1909	0.227
5	PCB-16/32	26.35	26.35	4.738e4	4.384e4	4.517e3	4.560e3	0.99	NO	9.077e3	18.408	18.408	0.257

Quantify Totals Report MassLynx 4.1 SCN815

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

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ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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	27.75	27.74	4.094e4	4.278e4	3.363e3	3.642e3	0.92	NO	7.005e3	12.061	12.061	0.418
2	PCB-25	27.91	27.91	2.106e4	2.474e4	1.870e3	2.170e3	0.86	YES	4.040e3	0.00000	6.3114	0.417
3	PCB-31	28.28	28.26	1.615e5	1.480e5	1.247e4	1.141e4	1.09	NO	2.388e4	36.508	36.508	0.371
4	PCB-28	28.37	28.37	2.002e5	1.882e5	1.636e4	1.601e4	1.02	NO	3.237e4	50.266	50.266	0.377
5	PCB-20/21/33	29.00	29.04	6.673e4	6.411e4	6.351e3	6.106e3	1.04	NO	1.246e4	21.494	21.494	0.419
6	PCB-22	29.46	29.47	5.630e4	5.244e4	4.703e3	4.584e3	1.03	NO	9.286e3	15.428	15.428	0.403
7	PCB-38	31.41	31.39	2.449e4	2.195e4	2.135e3	1.879e3	1.14	NO	4.015e3	6.9382	6.9382	0.499
8	PCB-35	31.95	31.96	6.582e3	4.801e3	5.129e2	5.084e2	1.01	NO	1.021e3	1.7710	1.7710	0.501
9	PCB-37	32.39	32.39	6.217e4	5.781e4	5.812e3	5.873e3	0.99	NO	1.168e4	20.628	20.628	0.510

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ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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	27.20	27.20	3.425e3	6.454e3	3.288e2	4.916e2	0.67	NO	8.204e2	1.6338	1.6338	0.316
2	PCB-53	29.06	29.06	3.300e4	4.153e4	2.629e3	3.215e3	0.82	NO	5.844e3	14.487	14.487	0.410
3	PCB-51	29.41	29.41	1.440e4	2.286e4	1.148e3	1.684e3	0.68	NO	2.832e3	6.5945	6.5945	0.385
4	PCB-45	29.86	29.86	1.841e4	2.663e4	1.440e3	2.032e3	0.71	NO	3.472e3	10.069	10.069	0.479
5	PCB-46	30.36	30.36	9.937e3	1.119e4	8.549e2	9.291e2	0.92	YES	1.784e3	0.00000	4.9683	0.499
6	PCB-52/69	30.87	30.85	2.692e5	3.436e5	2.122e4	2.718e4	0.78	NO	4.840e4	104.11	104.11	0.355
7	PCB-73	30.98	30.96	3.083e3	3.955e3	1.888e2	2.658e2	0.71	NO	4.545e2	0.80991	0.80991	0.294
8	PCB-43/49	31.15	31.18	1.682e5	2.171e5	1.395e4	1.783e4	0.78	NO	3.177e4	79.951	79.951	0.416
9	PCB-47	31.39	31.39	9.004e4	1.107e5	7.430e3	8.968e3	0.83	NO	1.640e4	41.428	41.428	0.439
10	PCB-48/75	31.52	31.52	3.223e4	4.175e4	2.509e3	3.230e3	0.78	NO	5.739e3	12.053	12.053	0.365
11	PCB-44	32.21	32.19	1.408e5	1.867e5	1.111e4	1.455e4	0.76	NO	2.566e4	73.814	73.814	0.500
12	PCB-42/59	32.42	32.43	5.614e4	8.660e4	4.648e3	6.849e3	0.68	NO	1.150e4	25.711	25.711	0.389
13	PCB-41/64/71/72	33.04	33.04	1.971e5	2.511e5	1.748e4	2.284e4	0.77	NO	4.032e4	78.746	78.746	0.339
14	PCB-68	33.30	33.30	5.444e3	5.667e3	4.563e2	6.025e2	0.76	NO	1.059e3	1.9406	1.9406	0.319
15	PCB-40	33.53	33.51	2.045e4	2.451e4	1.891e3	1.989e3	0.95	YES	3.880e3	0.00000	13.404	0.662
16	PCB-67	34.20	34.23	6.226e3	1.003e4	5.423e2	8.656e2	0.63	YES	1.408e3	0.00000	2.3267	0.357
17	PCB-63	34.48	34.49	1.143e4	1.354e4	9.289e2	1.137e3	0.82	NO	2.066e3	4.0368	4.0368	0.374
18	PCB-74	34.78	34.79	1.115e5	1.496e5	1.009e4	1.297e4	0.78	NO	2.306e4	40.226	40.226	0.334
19	PCB-61/70	35.00	35.01	3.203e5	4.042e5	2.860e4	3.601e4	0.79	NO	6.461e4	125.29	125.29	0.371
20	PCB-76/66	35.19	35.22	2.376e5	3.113e5	2.284e4	2.903e4	0.79	NO	5.187e4	91.835	91.835	0.339
21	PCB-56/60	36.26	36.28	1.574e5	1.950e5	1.421e4	1.790e4	0.79	NO	3.211e4	61.089	61.089	0.373
22	PCB-79	37.38	37.40	7.664e3	1.241e4	6.503e2	1.023e3	0.64	YES	1.674e3	0.00000	2.5401	0.333
23	PCB-81	38.65	38.66	7.851e3	1.112e4	2.431e2	3.468e2	0.70	NO	5.899e2	1.1370	1.1370	0.438
24	PCB-77	39.28	39.28	3.326e4	3.706e4	3.014e3	3.641e3	0.83	NO	6.654e3	12.267	12.267	0.444

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

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ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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-104	32.04	32.08	1.700e3	1.472e3	1.744e2	1.064e2	1.64	NO	2.808e2	0.52945	0.52945	0.341
2	PCB-96	33.33	33.32	6.134e3	3.322e3	5.438e2	2.448e2	2.22	YES	7.885e2	0.00000	1.1804	0.340
3	PCB-103	33.92	33.90	8.824e3	6.565e3	6.898e2	5.691e2	1.21	YES	1.259e3	0.00000	2.7223	0.435
4	PCB-100	34.27	34.27	8.447e3	5.186e3	7.622e2	4.999e2	1.52	NO	1.262e3	2.9026	2.9026	0.416
5	PCB-94	34.74	34.77	2.944e3	1.612e3	2.074e2	1.453e2	1.43	NO	3.528e2	1.0650	1.0650	0.562
6	PCB-95/98/102	35.23	35.29	3.401e5	2.262e5	2.900e4	1.877e4	1.54	NO	4.778e4	111.89	111.89	0.436
7	PCB-88/91	35.70	35.70	6.847e4	4.681e4	5.908e3	4.026e3	1.47	NO	9.934e3	27.365	27.365	0.513
8	PCB-84/92	36.66	36.65	1.836e5	1.220e5	1.482e4	9.814e3	1.51	NO	2.463e4	70.668	70.668	0.550
9	PCB-89	36.84	36.84	7.374e3	4.316e3	6.870e2	4.369e2	1.57	NO	1.124e3	3.0078	3.0078	0.513
10	PCB-90/101	37.04	37.04	5.512e5	3.371e5	4.564e4	2.802e4	1.63	NO	7.366e4	192.84	192.84	0.502
11	PCB-99	37.38	37.38	2.623e5	1.685e5	2.195e4	1.469e4	1.49	NO	3.665e4	87.391	87.391	0.457
12	PCB-119	37.87	37.86	2.281e4	1.303e4	1.878e3	9.583e2	1.96	YES	2.837e3	0.00000	4.4311	0.350
13	PCB-108/112	38.02	38.03	2.450e4	1.431e4	2.039e3	1.069e3	1.91	YES	3.108e3	0.00000	6.0736	0.430
14	PCB-97	38.38	38.38	1.377e5	8.848e4	1.133e4	7.285e3	1.56	NO	1.861e4	45.791	45.791	0.477
15	PCB-86	38.53	38.48	7.744e3	4.402e3	4.845e2	2.512e2	1.93	YES	7.356e2	0.00000	1.6789	0.506
16	PCB-87/117/125	38.67	38.68	2.040e5	1.268e5	1.734e4	1.065e4	1.63	NO	2.799e4	57.745	57.745	0.400
17	PCB-111/115	38.83	38.83	1.592e4	1.287e4	1.343e3	9.771e2	1.37	NO	2.320e3	3.9671	3.9671	0.331
18	PCB-85/116	38.95	38.94	1.099e5	6.891e4	9.365e3	5.625e3	1.66	NO	1.499e4	33.627	33.627	0.435
19	PCB-110	39.34	39.37	7.270e5	4.504e5	6.134e4	3.904e4	1.57	NO	1.004e5	185.04	185.04	0.357
20	PCB-82	40.02	40.00	5.063e4	3.275e4	4.102e3	2.811e3	1.46	NO	6.913e3	20.970	20.970	0.614
21	PCB-124	40.74	40.75	2.457e4	1.756e4	2.509e3	1.738e3	1.44	NO	4.246e3	7.6164	7.6164	0.363
22	PCB-107/109	40.88	40.90	5.171e4	3.178e4	4.665e3	2.812e3	1.66	NO	7.477e3	13.047	13.047	0.353
23	PCB-123	41.05	41.04	1.598e4	9.427e3	1.250e3	7.358e2	1.70	NO	1.986e3	3.8395	3.8395	0.391
24	PCB-106/118	41.25	41.25	5.863e5	3.862e5	5.489e4	3.626e4	1.51	NO	9.115e4	167.20	167.20	0.395

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	41.91	41.91	1.162e4	8.420e3	1.080e3	8.081e2	1.34	NO	1.888e3	4.2816	4.2816	0.627
2	PCB-122	42.06	42.06	8.536e3	4.430e3	7.619e2	3.638e2	2.09	YES	1.126e3	0.00000	2.4605	0.731
3	PCB-105	42.80	42.80	2.259e5	1.489e5	2.007e4	1.341e4	1.50	NO	3.348e4	76.051	76.051	0.644
4	PCB-126	45.13	45.13	5.402e3	3.059e3	4.390e2	2.562e2	1.71	NO	6.952e2	1.5654	1.5654	0.715

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ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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-155	36.56	36.56	2.114e3	1.413e3	1.226e2	8.503e1	1.44	YES	2.077e2	0.00000	0.44286	0.149
2	PCB-150	37.86	37.88	3.394e3	2.441e3	2.499e2	2.028e2	1.23	NO	4.527e2	0.96067	0.96067	0.136
3	PCB-152	38.36	38.35	1.718e3	2.419e3	1.143e2	1.698e2	0.67	YES	2.841e2	0.00000	0.40199	0.125
4	PCB-136	39.15	39.15	8.554e4	6.004e4	6.784e3	4.990e3	1.36	NO	1.177e4	26.491	26.491	0.144
5	PCB-154	39.78	39.78	1.329e4	1.001e4	1.043e3	8.678e2	1.20	NO	1.911e3	5.2563	5.2563	0.176
6	PCB-151	40.43	40.43	1.139e5	9.274e4	9.306e3	7.878e3	1.18	NO	1.718e4	50.537	50.537	0.188
7	PCB-135	40.65	40.67	6.645e4	4.830e4	5.508e3	4.006e3	1.38	NO	9.514e3	26.085	26.085	0.175
8	PCB-144	40.77	40.77	2.399e4	1.690e4	1.816e3	1.335e3	1.36	NO	3.150e3	9.0322	9.0322	0.183
9	PCB-147	40.90	40.92	1.706e4	1.329e4	1.419e3	9.523e2	1.49	YES	2.372e3	0.00000	5.9327	0.178
10	PCB-139/149	41.17	41.17	4.674e5	3.660e5	3.751e4	2.953e4	1.27	NO	6.704e4	171.90	171.90	0.164
11	PCB-140	41.36	41.36	4.479e3	3.097e3	4.038e2	2.344e2	1.72	YES	6.382e2	0.00000	1.5957	0.194

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	41.84	41.83	1.964e4	1.571e4	1.659e3	1.248e3	1.33	NO	2.907e3	10.291	10.291	0.643
2	PCB-131/133	42.16	42.14	1.319e4	1.168e4	1.110e3	8.999e2	1.23	NO	2.010e3	6.6526	6.6526	0.602
3	PCB-146/165	42.56	42.55	9.995e4	7.858e4	8.037e3	6.516e3	1.23	NO	1.455e4	39.190	39.190	0.490
4	PCB-132/161	42.80	42.82	1.467e5	1.085e5	1.130e4	8.558e3	1.32	NO	1.986e4	52.715	52.715	0.483
5	PCB-153	42.99	42.97	6.208e5	5.063e5	5.084e4	4.133e4	1.23	NO	9.217e4	236.49	236.49	0.466
6	PCB-141	43.73	43.73	8.810e4	7.689e4	7.332e3	6.165e3	1.19	NO	1.350e4	42.966	42.966	0.584
7	PCB-137	44.13	44.13	2.817e4	2.105e4	1.966e3	1.605e3	1.23	NO	3.571e3	11.187	11.187	0.575
8	PCB-130	44.22	44.24	3.285e4	3.153e4	3.079e3	2.856e3	1.08	NO	5.935e3	21.945	21.945	0.679
9	PCB-138/163/164	44.64	44.60	5.912e5	4.816e5	5.742e4	4.655e4	1.23	NO	1.040e5	254.20	254.20	0.467
10	PCB-158/160	44.88	44.85	6.743e4	5.559e4	6.243e3	5.292e3	1.18	NO	1.154e4	28.598	28.598	0.473
11	PCB-129	45.11	45.11	1.931e4	1.193e4	1.573e3	1.105e3	1.42	NO	2.678e3	9.3654	9.3654	0.668
12	PCB-128/162	46.22	46.19	8.836e4	7.424e4	7.618e3	6.369e3	1.20	NO	1.399e4	38.651	38.651	0.536
13	PCB-167	46.63	46.63	2.575e4	2.183e4	2.186e3	1.751e3	1.25	NO	3.937e3	9.3427	9.3427	0.457
14	PCB-156	47.97	47.97	6.098e4	4.853e4	5.308e3	4.322e3	1.23	NO	9.630e3	22.833	22.833	0.463
15	PCB-157	48.24	48.24	1.382e4	1.195e4	1.385e3	1.137e3	1.22	NO	2.522e3	5.9891	5.9891	0.510

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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-188	42.59	42.55	1.087e3	1.127e3	7.058e1	6.831e1	1.03	NO	1.389e2	0.30949	0.30949	0.268
2	PCB-184	43.03	43.05	2.089e3	1.949e3	1.622e2	1.648e2	0.98	NO	3.270e2	0.73505	0.73505	0.270
3	PCB-179	43.83	43.84	8.487e4	8.498e4	6.830e3	6.883e3	0.99	NO	1.371e4	32.697	32.697	0.287
4	PCB-176	44.32	44.31	2.703e4	2.377e4	2.116e3	1.848e3	1.14	NO	3.963e3	9.1247	9.1247	0.277
5	PCB-178	45.47	45.47	3.485e4	3.090e4	2.958e3	2.543e3	1.16	NO	5.500e3	16.976	16.976	0.371
6	PCB-175	45.83	45.81	5.159e3	6.172e3	3.911e2	4.740e2	0.83	YES	8.651e2	0.00000	2.2940	0.361
7	PCB-182/187	46.00	45.98	2.279e5	2.234e5	1.813e4	1.765e4	1.03	NO	3.578e4	97.329	97.329	0.327
8	PCB-183	46.32	46.32	8.685e4	7.699e4	7.052e3	6.548e3	1.08	NO	1.360e4	38.289	38.289	0.338
9	PCB-185	46.99	47.01	1.431e4	1.526e4	1.207e3	1.422e3	0.85	YES	2.629e3	0.00000	7.0213	0.373
10	PCB-174	47.36	47.38	1.392e5	1.390e5	1.216e4	1.140e4	1.07	NO	2.356e4	72.561	72.561	0.386
11	PCB-181	47.46	47.48	6.047e3	6.335e3	1.926e2	1.933e2	1.00	NO	3.858e2	1.0710	1.0710	0.348
12	PCB-177	47.66	47.67	8.608e4	8.692e4	7.137e3	7.246e3	0.98	NO	1.438e4	46.512	46.512	0.405
13	PCB-171	47.93	47.97	3.557e4	3.722e4	2.976e3	3.127e3	0.95	NO	6.103e3	18.498	18.498	0.380
14	PCB-173	48.39	48.41	2.968e3	3.957e3	2.280e2	2.497e2	0.91	NO	4.777e2	1.6515	1.6515	0.433
15	PCB-172	48.87	48.88	2.944e4	2.575e4	2.198e3	2.102e3	1.05	NO	4.300e3	12.623	12.623	0.368
16	PCB-180	49.28	49.30	3.353e5	3.240e5	2.742e4	2.749e4	1.00	NO	5.491e4	155.74	155.74	0.355
17	PCB-193	49.49	49.51	2.198e4	2.278e4	2.045e3	1.871e3	1.09	NO	3.916e3	9.8214	9.8214	0.314
18	PCB-191	49.75	49.77	7.470e3	6.642e3	5.701e2	5.407e2	1.05	NO	1.111e3	2.7226	2.7226	0.307
19	PCB-170	50.95	50.95	1.263e5	1.391e5	1.062e4	1.151e4	0.92	NO	2.213e4	66.927	66.927	0.386
20	PCB-190	51.15	51.17	3.739e4	3.429e4	2.992e3	2.840e3	1.05	NO	5.832e3	13.492	13.492	0.295
21	PCB-189	52.75	52.75	7.843e3	7.255e3	5.709e2	5.490e2	1.04	NO	1.120e3	2.8322	2.8322	0.286

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	48.18	48.16	2.366e4	2.786e4	2.012e3	2.220e3	0.91	NO	4.232e3	9.8340	9.8340	0.233
2	PCB-201	48.67	48.67	1.293e4	1.366e4	1.125e3	1.198e3	0.94	NO	2.324e3	5.9418	5.9418	0.256
3	PCB-197	49.15	49.17	2.837e3	4.595e3	2.693e2	3.550e2	0.76	NO	6.243e2	1.4968	1.4968	0.240
4	PCB-200	50.07	50.08	1.360e4	1.551e4	1.138e3	1.266e3	0.90	NO	2.404e3	6.0983	6.0983	0.254
5	PCB-198	51.70	51.69	2.865e3	5.639e3	1.780e2	3.492e2	0.51	YES	5.272e2	0.00000	1.2556	0.333
6	PCB-199	51.84	51.80	9.533e4	1.031e5	7.102e3	7.841e3	0.91	NO	1.494e4	48.925	48.925	0.328
7	PCB-196/203	52.14	52.12	9.369e4	1.098e5	7.059e3	7.944e3	0.89	NO	1.500e4	45.961	45.961	0.307

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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	53.47	53.46	1.853e4	2.614e4	1.358e3	1.802e3	0.75	YES	3.160e3	0.00000	12.393	0.611
2	PCB-194	54.42	54.42	7.205e4	7.621e4	4.486e3	4.721e3	0.95	NO	9.207e3	35.717	35.717	0.551
3	PCB-205	54.67	54.68	3.147e3	4.133e3	2.129e2	2.092e2	1.02	NO	4.221e2	1.3686	1.3686	0.461

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	53.61	53.61	2.517e4	1.691e4	1.670e3	1.147e3	1.46	NO	2.818e3	10.650	10.650	0.409
2	PCB-207	53.94	53.96	1.087e4	7.352e3	6.559e2	4.281e2	1.53	NO	1.084e3	4.1511	4.1511	0.415
3	PCB-206	55.92	55.92	4.907e4	3.884e4	2.920e3	2.262e3	1.29	NO	5.182e3	25.255	25.255	0.506

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.17	57.19	9.009e4	7.854e4	5.544e3	4.735e3	1.17	NO	1.028e4	44.167	44.167	0.577

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	15.19	15.18	1.588e7	5.008e6	9.504e5	2.950e5	3.22	NO	1.245e6	1547.5		1.93
2	13C-PCB-3	17.80	17.82	1.292e7	4.056e6	9.200e5	2.891e5	3.18	NO	1.209e6	1508.0		1.94

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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	19.15	19.14	7.891e6	4.885e6	4.871e5	3.038e5	1.60	NO	7.909e5	1536.5		1.71
2	13C-PCB-9	20.98	20.96	1.193e7	7.427e6	8.064e5	4.985e5	1.62	NO	1.305e6	1583.3		1.07
3	13C-PCB-11	24.42	24.40	1.176e7	7.410e6	8.563e5	5.369e5	1.59	NO	1.393e6	1745.8		1.10
4	13C-PCB-15	25.11	25.13	1.293e7	8.254e6	1.051e6	6.595e5	1.59	NO	1.711e6	1991.8		1.02

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	23.36	23.35	6.235e6	6.331e6	4.043e5	4.038e5	1.00	NO	8.081e5	1857.8		4.58
2	13C-PCB-32	26.33	26.33	8.937e6	8.597e6	6.096e5	5.818e5	1.05	NO	1.191e6	1879.8		3.15

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	28.23	28.24	8.739e6	8.613e6	6.701e5	6.558e5	1.02	NO	1.326e6	1991.8		3.58
2	13C-PCB-28	28.35	28.35	7.787e6	7.404e6	6.506e5	6.141e5	1.06	NO	1.265e6	1793.1		3.38
3	13C-PCB-37	32.34	32.37	5.770e6	5.326e6	5.736e5	5.241e5	1.09	NO	1.098e6	1684.6		3.66

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	27.18	27.18	6.045e6	7.683e6	4.498e5	5.767e5	0.78	NO	1.027e6	1571.6		1.17
2	13C-PCB-52	30.85	30.83	4.786e6	6.281e6	3.705e5	4.852e5	0.76	NO	8.557e5	1634.6		1.45
3	13C-PCB-47	31.37	31.37	4.911e6	6.265e6	4.001e5	5.139e5	0.78	NO	9.140e5	1648.6		1.37
4	13C-PCB-70	34.98	34.98	5.139e6	6.609e6	4.611e5	5.890e5	0.78	NO	1.050e6	1607.7		1.16
5	13C-PCB-80	35.43	35.42	5.240e6	6.753e6	4.819e5	6.250e5	0.77	NO	1.107e6	1640.0		1.13
6	13C-PCB-60	36.25	36.26	6.514e6	8.364e6	5.801e5	7.458e5	0.78	NO	1.326e6	1991.8		1.14
7	13C-PCB-79	37.36	37.38	4.926e6	6.384e6	5.055e5	6.477e5	0.78	NO	1.153e6	1672.3		1.10
8	13C-PCB-81	38.62	38.63	4.485e6	5.818e6	4.782e5	6.205e5	0.77	NO	1.099e6	1658.9		1.15
9	13C-PCB-77	39.22	39.26	4.066e6	5.080e6	4.586e5	5.907e5	0.78	NO	1.049e6	1613.5		1.17

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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	32.02	32.02	8.555e6	5.522e6	6.551e5	4.212e5	1.56	NO	1.076e6	1671.0		0.582
2	13C-PCB-95	35.32	35.28	6.219e6	3.871e6	4.908e5	3.035e5	1.62	NO	7.943e5	1589.7		0.750
3	13C-PCB-101	37.03	37.03	6.285e6	4.078e6	5.105e5	3.303e5	1.55	NO	8.408e5	1574.3		0.701
4	13C-PCB-97	38.37	38.37	5.397e6	3.355e6	4.432e5	2.775e5	1.60	NO	7.207e5	1655.0		0.860
5	13C-PCB-111	38.82	38.83	9.244e6	5.715e6	7.935e5	4.837e5	1.64	NO	1.277e6	1991.8		0.584
6	13C-PCB-123	41.02	41.03	7.341e6	4.643e6	6.297e5	4.000e5	1.57	NO	1.030e6	1655.2		0.602
7	13C-PCB-118	41.21	41.21	7.180e6	4.517e6	6.547e5	4.073e5	1.61	NO	1.062e6	1654.5		0.584

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	41.89	41.89	5.514e6	3.464e6	4.984e5	3.119e5	1.60	NO	8.104e5	1350.2		1.11
2	13C-PCB-105	42.78	42.78	5.600e6	3.505e6	5.192e5	3.283e5	1.58	NO	8.475e5	1372.5		1.08
3	13C-PCB-127	43.14	43.14	5.389e6	3.510e6	5.446e5	3.525e5	1.55	NO	8.970e5	1395.0		1.04
4	13C-PCB-126	45.08	45.11	4.560e6	2.774e6	4.732e5	2.954e5	1.60	NO	7.686e5	1204.6		1.05

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	42.95	42.95	5.362e6	4.191e6	4.376e5	3.464e5	1.26	NO	7.840e5	1539.9		1.94
2	13C-PCB-141	43.70	43.71	4.515e6	3.486e6	3.721e5	2.877e5	1.29	NO	6.598e5	1569.9		2.35
3	13C-PCB-138	44.57	44.58	4.572e6	3.658e6	3.919e5	3.140e5	1.25	NO	7.060e5	1579.5		2.21
4	13C-PCB-159	45.91	45.91	5.513e6	4.435e6	4.797e5	3.823e5	1.25	NO	8.620e5	1594.6		1.83
5	13C-PCB-128	46.16	46.17	5.127e6	4.104e6	4.280e5	3.445e5	1.24	NO	7.724e5	1991.8		2.55
6	13C-PCB-167	46.61	46.61	5.651e6	4.408e6	4.888e5	3.851e5	1.27	NO	8.740e5	1580.2		1.79
7	13C-PCB-156	47.92	47.95	5.039e6	3.957e6	4.417e5	3.489e5	1.27	NO	7.906e5	1522.5		1.90
8	13C-PCB-157	48.21	48.22	5.077e6	4.077e6	4.891e5	3.845e5	1.27	NO	8.736e5	1657.5		1.88
9	13C-PCB-169	50.49	50.51	4.948e6	3.816e6	4.834e5	3.795e5	1.27	NO	8.629e5	1670.5		1.91

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-9.qld

Last Altered: Friday, May 14, 2021 5:35:17 PM Pacific Daylight Time

Printed: Friday, May 14, 2021 5:38:38 PM Pacific Daylight Time

ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

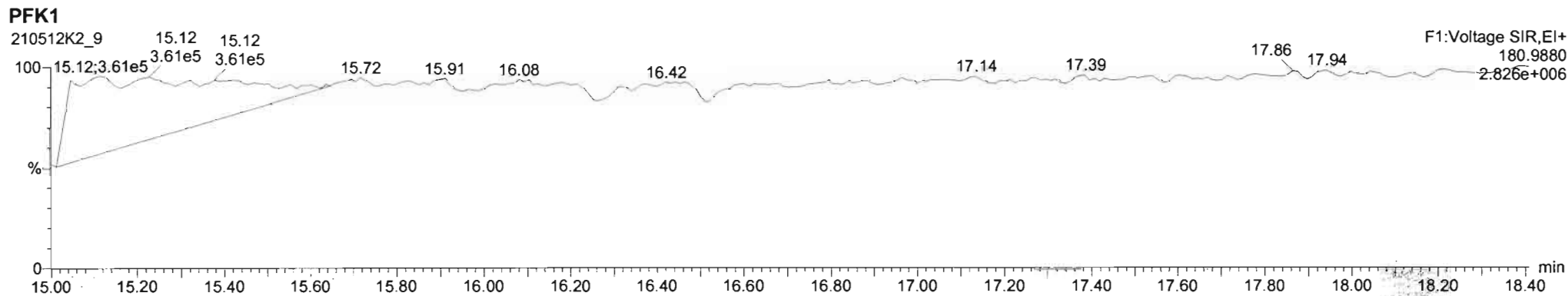
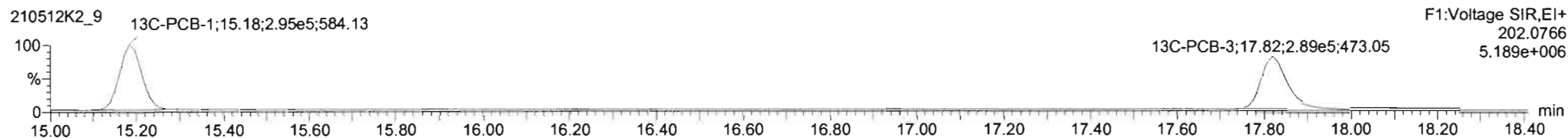
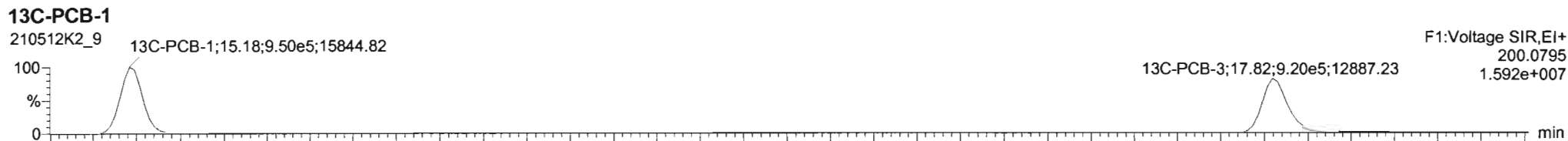
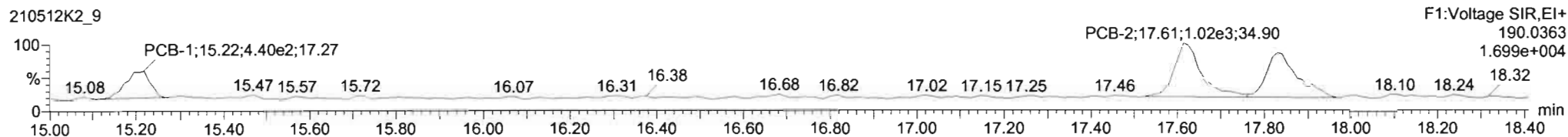
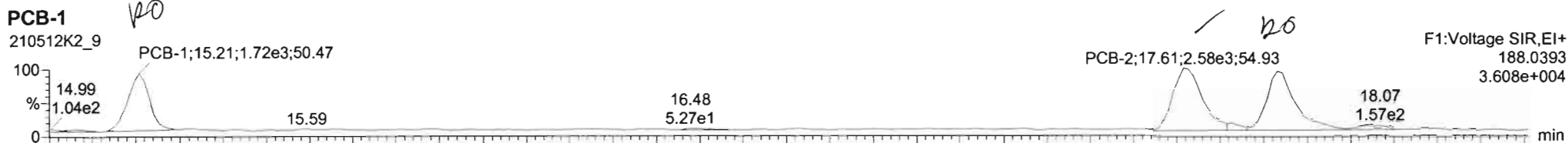
5th Function Octa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.41	54.40	3.651e6	4.168e6	2.279e5	2.561e5	0.89	NO	4.840e5	1772.9		1.35
2	13C-PCB-205	54.64	54.68	5.856e6	6.293e6	3.651e5	4.009e5	0.91	NO	7.659e5	1991.8		0.962

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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

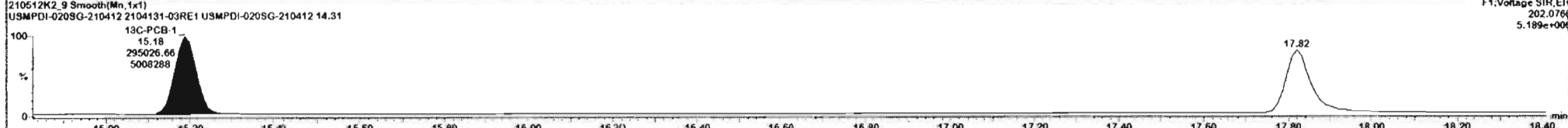
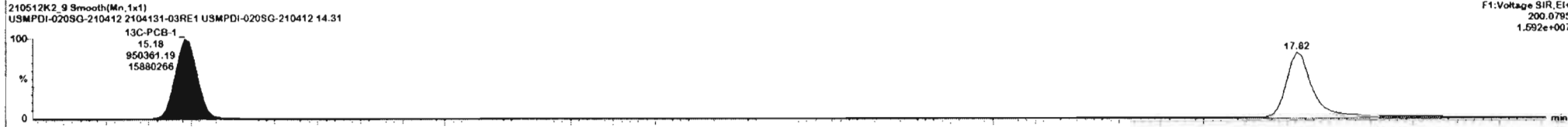
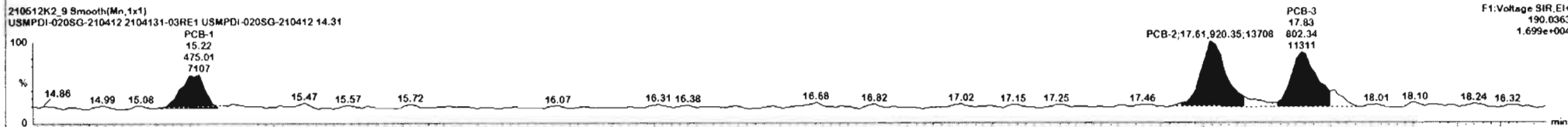
Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	WtWd	Pred_RT	RT	Pred_RL	RRT	RRF Fail	Conc	%Rec	DL	EMPC
1	PCB-1	2.21e3	2.68	YES	0.8657	5.021	15.19	15.21	1.001	1.002	NO	3.589		0.193	3.183
2	PCB-2	3.45e3	2.74	NO	1.0220	5.021	17.61	17.61	0.988	0.988	NO	5.554		0.226	5.554

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc
1	PCB-3	17.83	17.83	2.081e3	8.623e2	3.130	2.55	YES	4.5110	0.60500
2	PCB-2	17.61	17.61	2.826e3	9.202e2	3.130	2.74	NO	5.5540	5.5537
3	PCB-1	15.19	15.21	1.737e3	4.760e2	3.130	3.66	YES	3.1630	0.60500



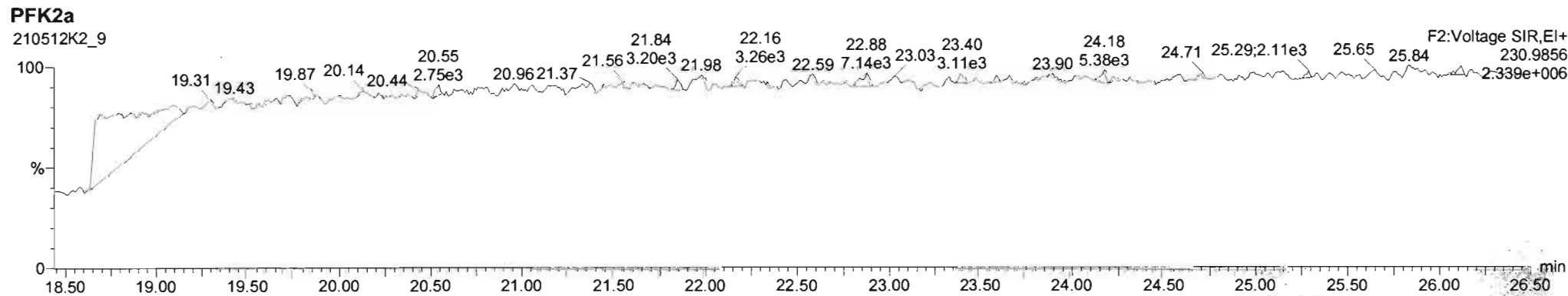
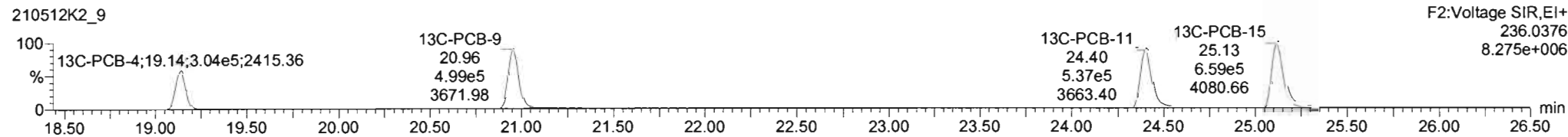
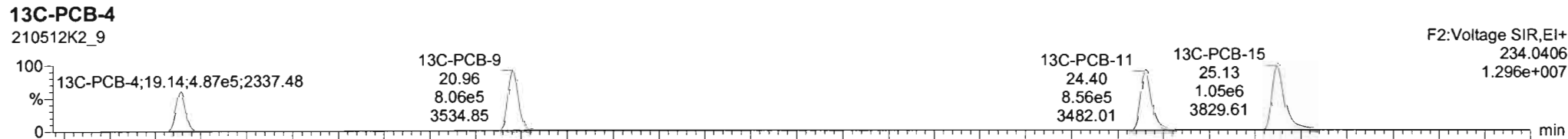
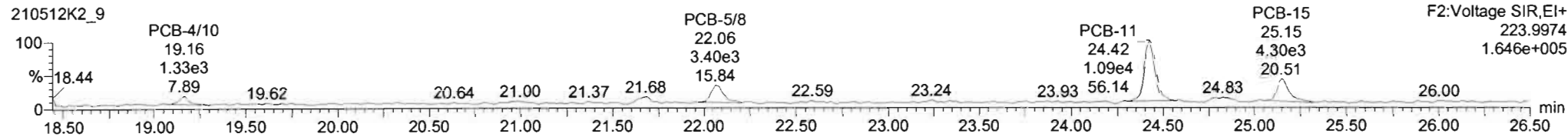
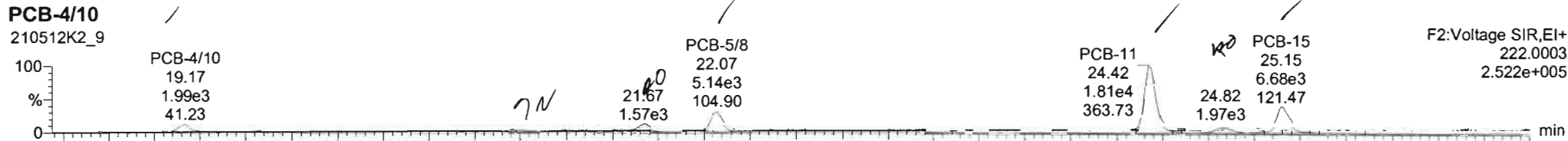
Vista Analytical Laboratory VG-11

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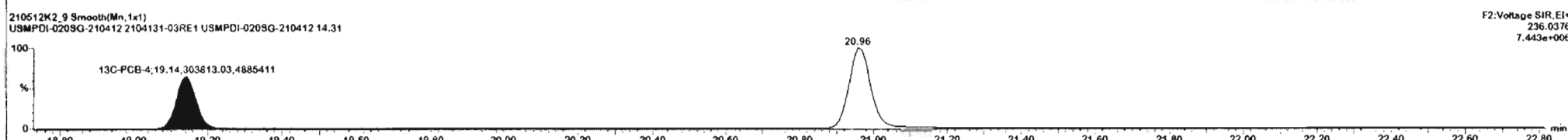
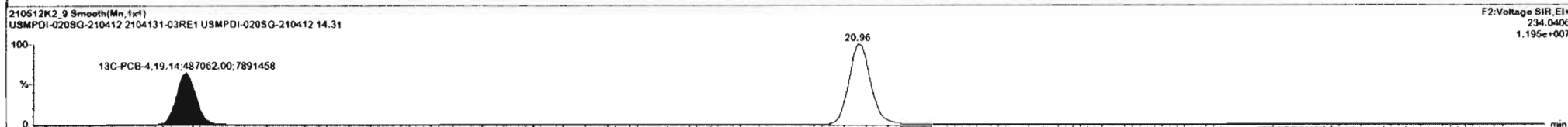
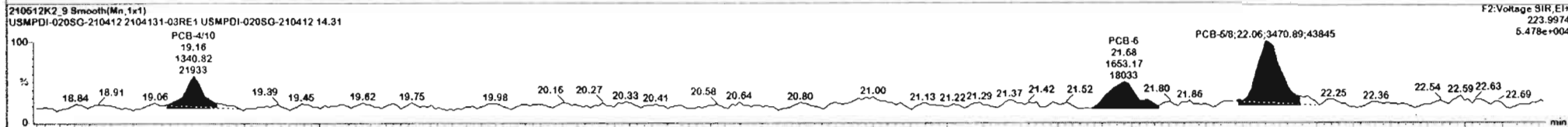
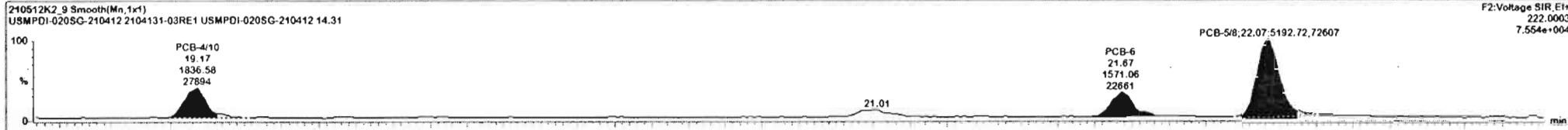
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210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

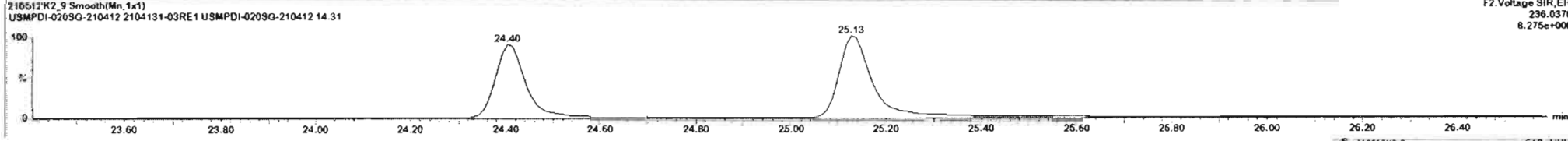
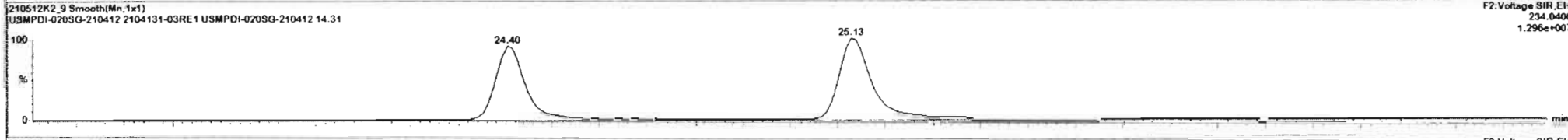
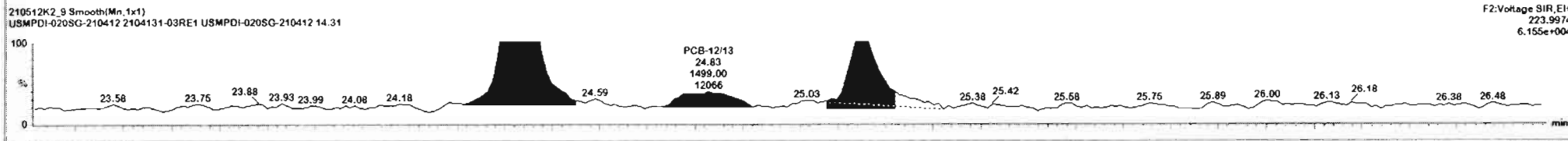
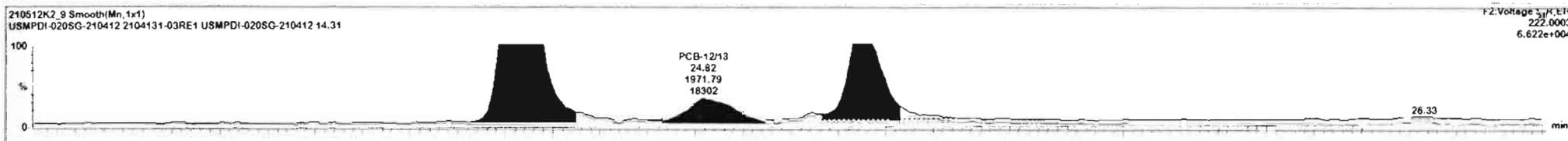
#	Name	Resp	RA	n/y	RRF	w/wot	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0397	5.021	0.00		0.000		NO	34.88		5.66	43.37
226	226 2nd Function Tri-PCBs				0.9434	5.021	0.00		0.000		NO	61.06		1.59	67.30

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	11 PCB-15	25.13	25.15	6.234e3	4.225e3	1.560	1.46	NO	14.704	14.704
2	10 PCB-12/13	24.95	24.92	1.972e3	1.499e3	1.560	1.32	YES	4.5402	0.02020
3	7 PCB-S/8	22.05	22.07	5.192e3	3.271e3	1.560	1.50	NO	12.551	13.551
4	6 PCB-6	21.65	21.67	1.571e3	1.653e3	1.560	0.65	YES	3.9495	0.00000
5	4 PCB-4/10	19.22	19.17	1.037e3	1.341e3	1.560	1.37	NO	6.6273	6.6273



#	Name	Resp	RA	n/y	RRF	w/wvt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0367	5.021	0.00		0.000		NO	72.27		5.85	80.78
226	226 2nd Function Tri-PCBs				0.9434	5.021	0.00		0.000		NO	61.05		1.59	57.32

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	11 PCB-15	25.13	25.15	6.234e3	4.225e3	1.580	1.48	NO	14.704	14.704
2	10 PCB-12/13	24.85	24.82	1.572e3	1.499e3	1.580	1.32	YES	4.5402	0.00000
3	7 PCB-5/8	22.05	22.27	5.190e3	3.471e3	1.560	1.50	NO	13.551	13.551
4	6 PCB-6	21.65	21.67	1.571e3	1.653e3	1.560	0.95	YES	3.9495	0.00000
5	4 PCB-4/10	19.22	19.17	1.037e3	1.341e3	1.580	1.37	NO	6.6273	6.6273
6	9 PCB-11	24.42	24.42	1.756e4	1.121e4	1.580	1.60	NO	37.388	37.388



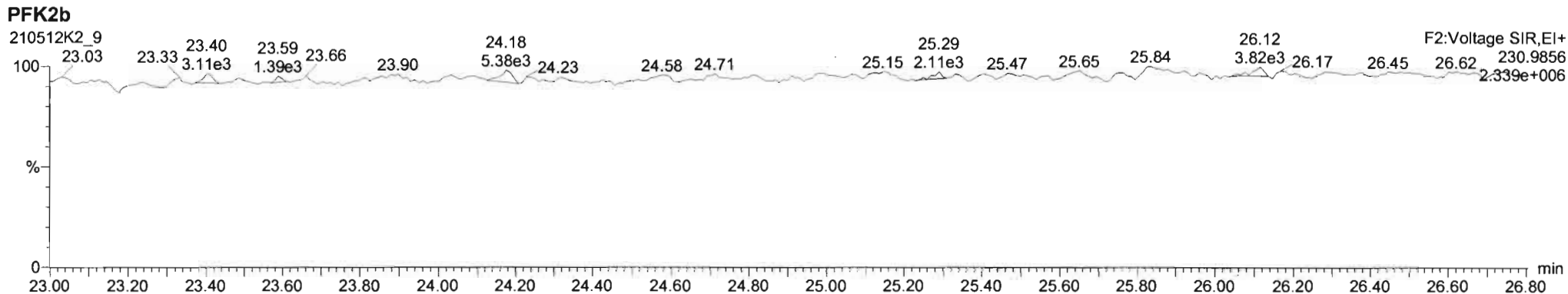
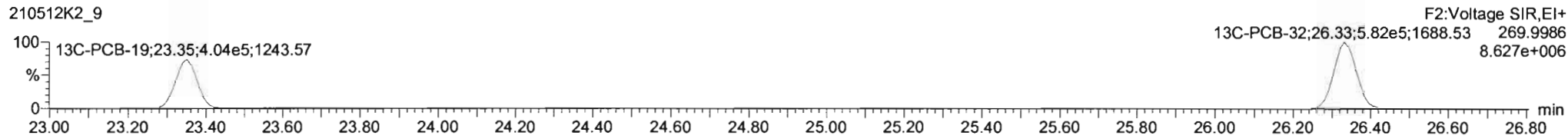
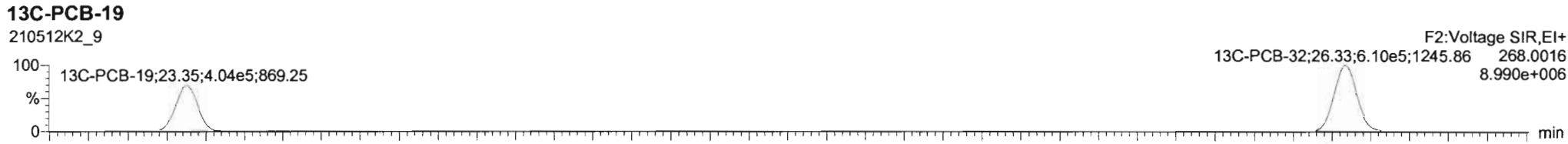
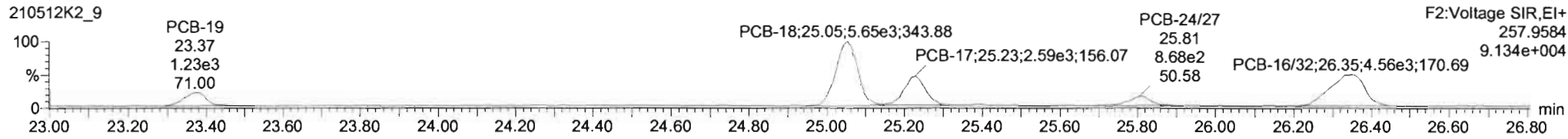
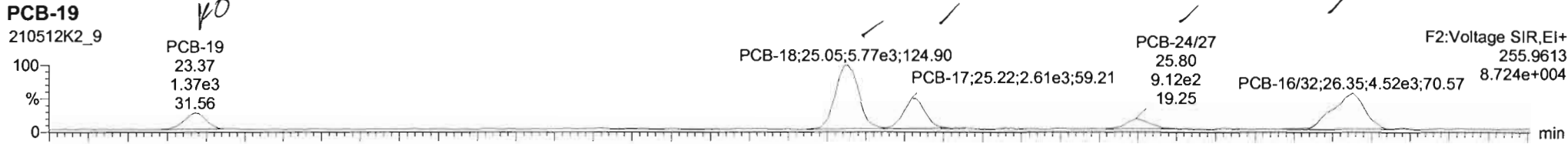
Vista Analytical Laboratory VG-11

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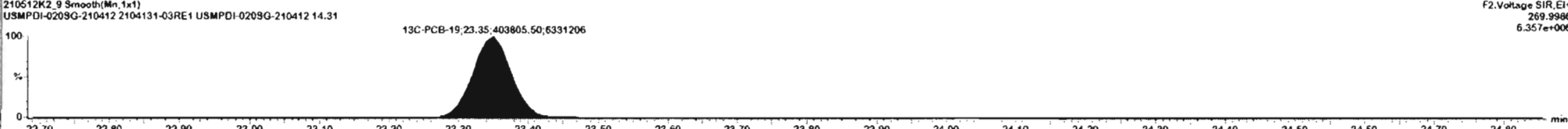
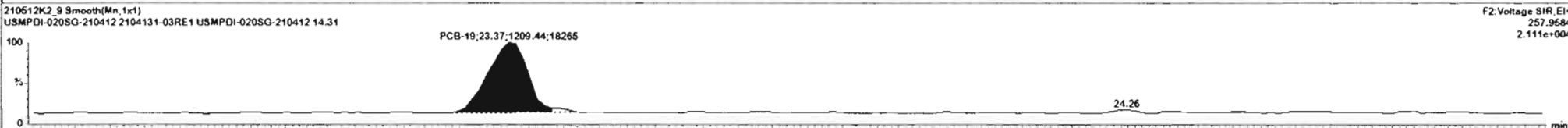
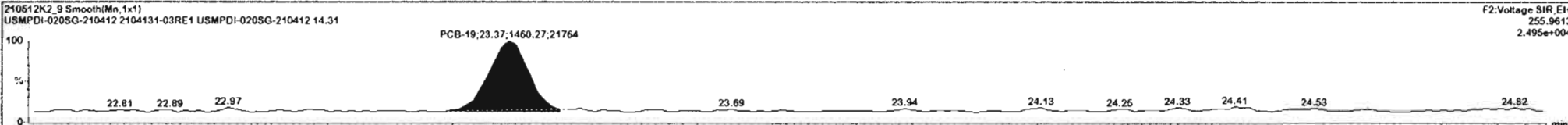
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210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	Name	Resp	RA	nly	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0367	5.021	0.00		0.000		NO	72.27		5.85	88.78
226	226 2nd Furction Tri-PCBs				0.9434	5.021	0.00		0.000		NO	61.06		1.59	87.32

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	My	EMPC	Conc
1	17 PCB-18/32	28.35	28.35	4.517e3	4.580e3	1.040	0.99	NO	18.438	18.406
2	16 PCB-24/27	25.81	25.80	9.115e2	8.881e2	1.040	1.05	NO	3.1909	3.1999
3	15 PCB-17	25.21	25.22	2.607e3	2.586e3	1.040	1.01	NO	12.925	12.925
4	14 PCB-18	25.05	25.05	5.770e3	5.650e3	1.040	1.02	NO	26.539	26.539
5	12 PCB-19	23.35	23.37	1.460e3	1.209e3	1.340	1.21	YES	6.2557	0.00000

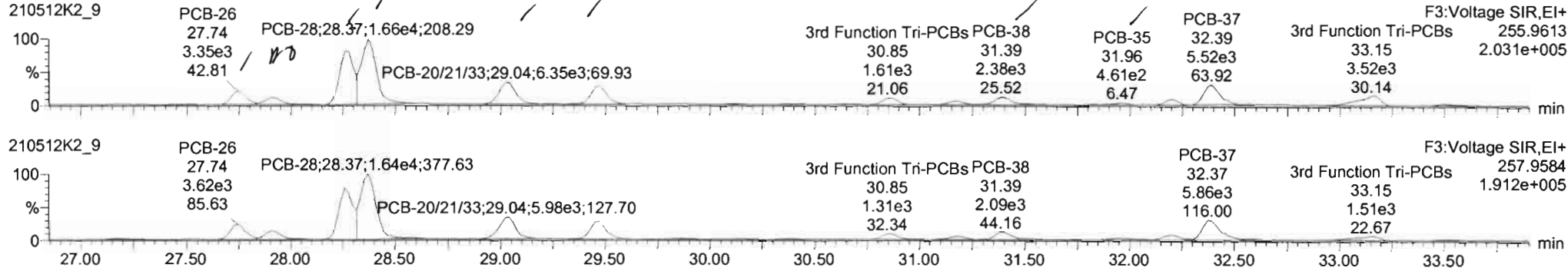


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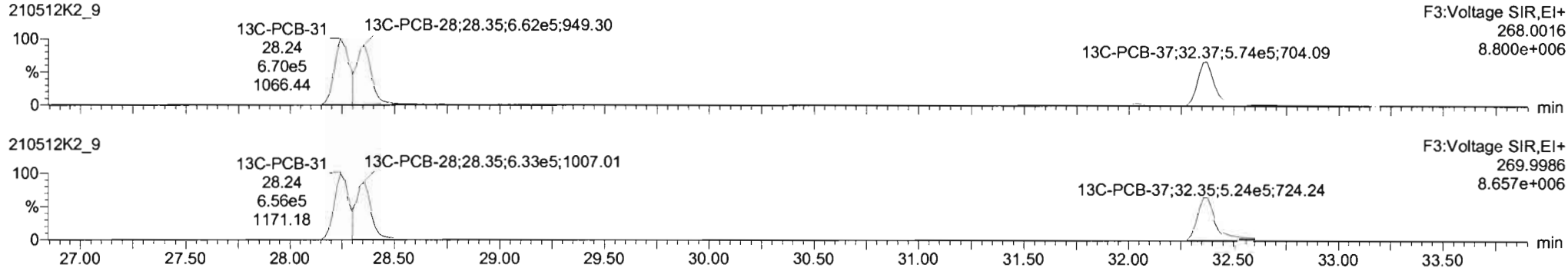
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Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

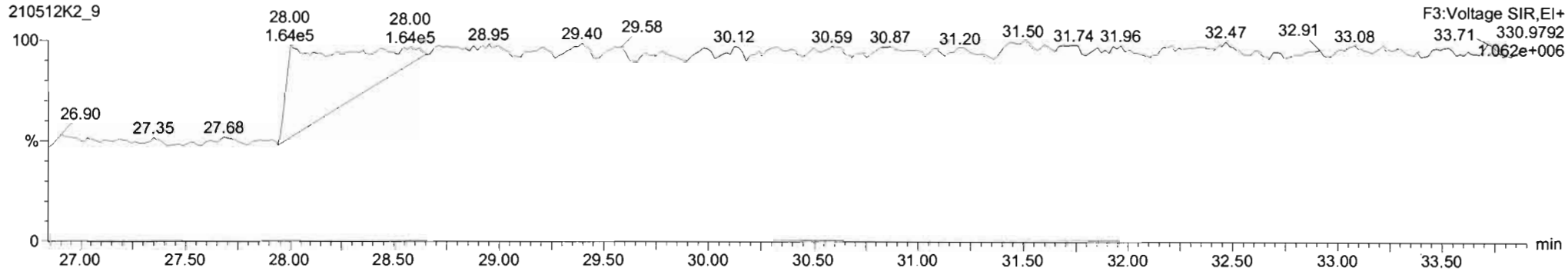
PCB-34



13C-PCB-28



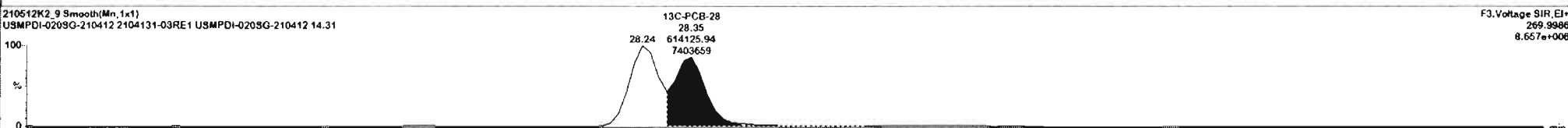
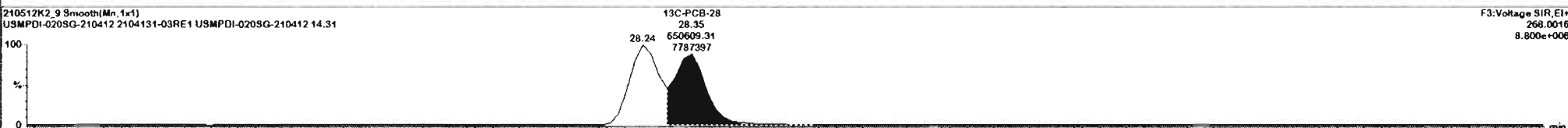
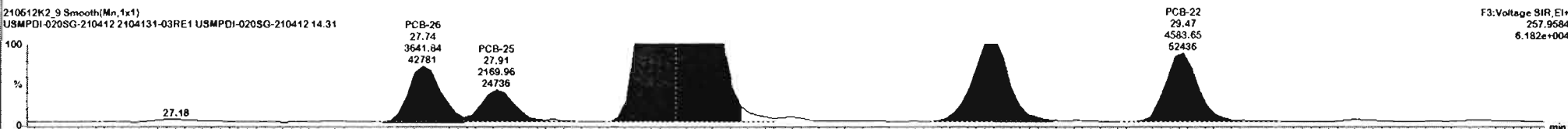
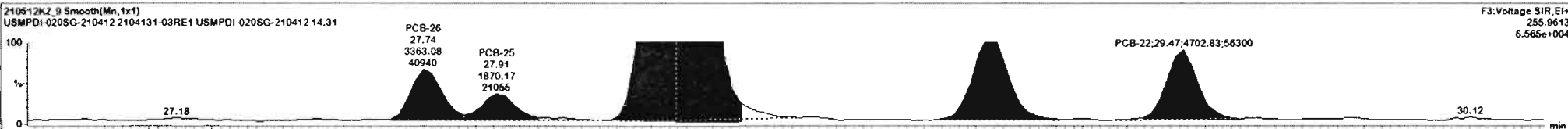
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210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

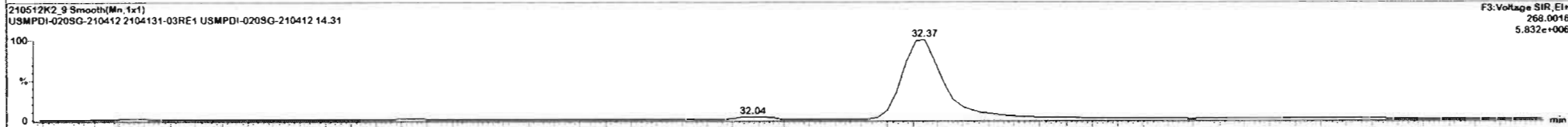
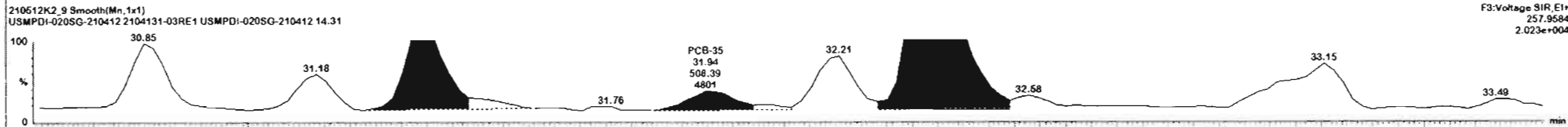
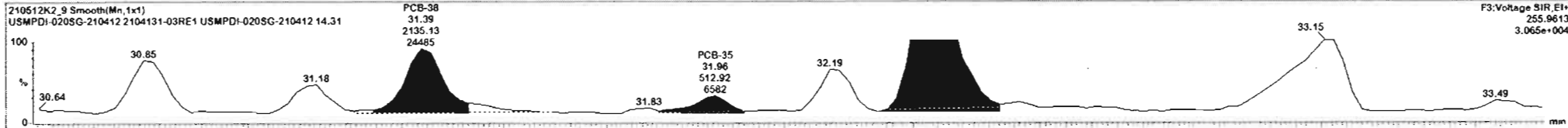
#	Name	Resp	RA	n/y	RRF	wtwei	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9687	5.021	0.00		0.000		NO	165.1		6.23	171.4
228	228 Total Tetra-PCBs				0.9910	5.021	0.00		0.000		NO	793.8		12.3	311.8

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Prec)	RA	n/y	EMPC	Conc
1	26 PCB-22	29.40	29.47	4.703e3	4.584e3	1.040	1.03	NO	15.428	15.428
2	25 PCB-20/21/23	29.00	29.04	6.351e3	6.198e3	1.040	1.04	NO	21.494	21.494
3	24 PCB-28	28.37	28.37	1.836e4	1.601e4	1.040	1.02	NO	50.255	50.256
4	23 PCB-31	28.28	28.28	1.247e4	1.141e4	1.040	1.03	NO	36.508	36.508
5	22 PCB-25	27.91	27.81	1.870e3	2.170e3	1.040	0.86	YES	6.3114	0.00000
6	21 PCB-26	27.75	27.74	3.063e3	3.642e3	1.040	0.92	NO	12.091	12.061
7	31 PCB-37	32.39	32.39	5.812e3	5.873e3	1.040	0.99	NO	20.628	20.626
8	30 PCB-35	31.95	31.95	5.129e2	5.084e2	1.040	1.01	NO	1.7710	1.7710



#	Name	Resp	RA	n/y	RRF	w/wvt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9687	5.021	0.00		0.000		NO	165.1		6.23	171.4
228	Total Tetra-PCBs				0.8910	5.021	0.00		0.000		NO	793.6		12.3	311.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	26 PCB-22	29.46	29.47	4.700e3	4.584e3	1.040	1.03	NO	15.428	15.428
2	25 PCB-20/21/23	29.00	29.04	2.761e3	6.196e3	1.040	1.04	NO	21.494	21.494
3	24 PCB-28	28.37	28.37	1.636e4	1.601e4	1.040	1.02	NO	50.286	50.286
4	23 PCB-31	28.28	28.26	1.247e4	1.141e4	1.040	1.09	NO	36.508	36.508
5	22 PCB-25	27.91	27.91	1.670e3	2.170e3	1.040	0.86	YES	6.3114	0.00000
6	21 PCB-26	27.75	27.74	3.363e3	3.642e3	1.040	0.92	NO	12.061	12.061
7	31 PCB-37	32.39	32.39	5.612e3	5.873e3	1.040	0.96	NO	20.626	20.626
8	30 PCB-35	31.95	31.96	5.129e2	5.084e2	1.040	1.01	NO	1.7710	1.7710

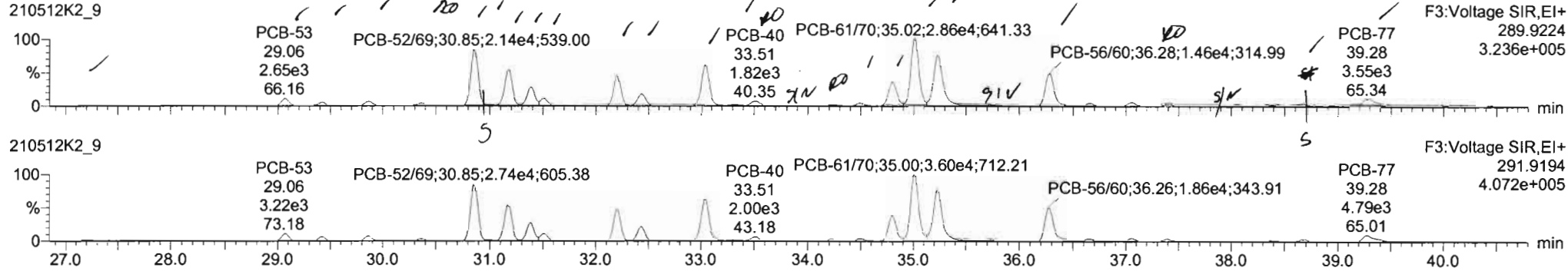


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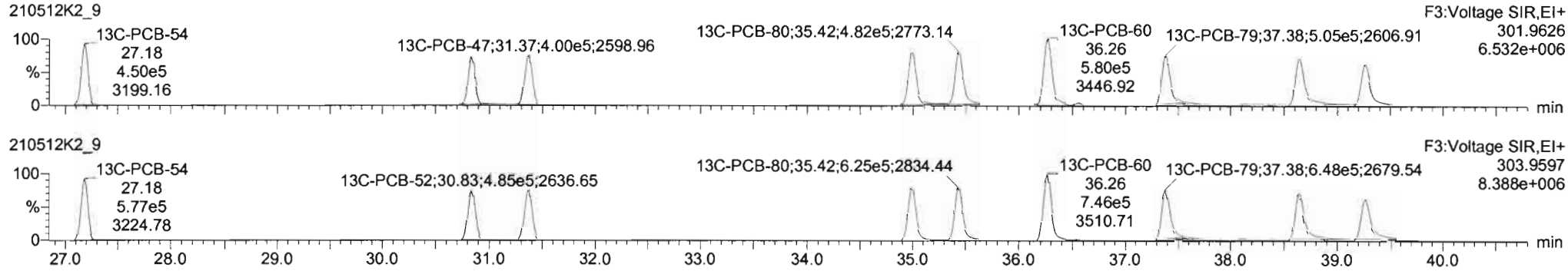
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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

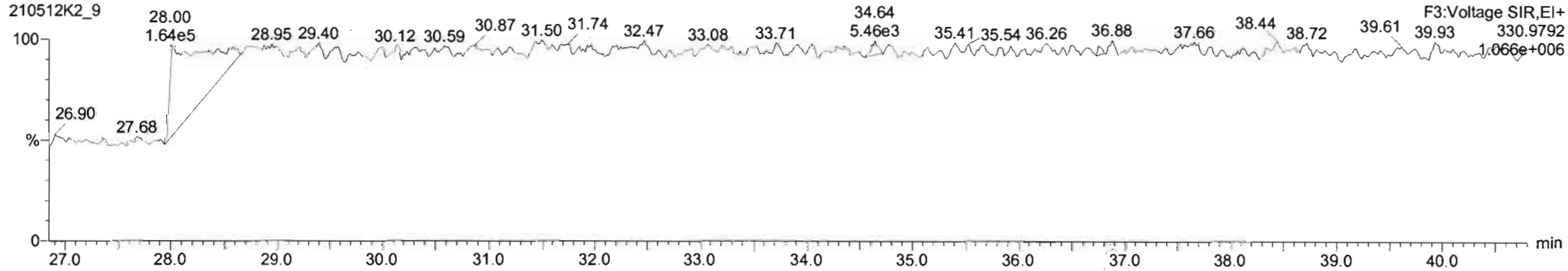
PCB-54



13C-PCB-54



PFK3a



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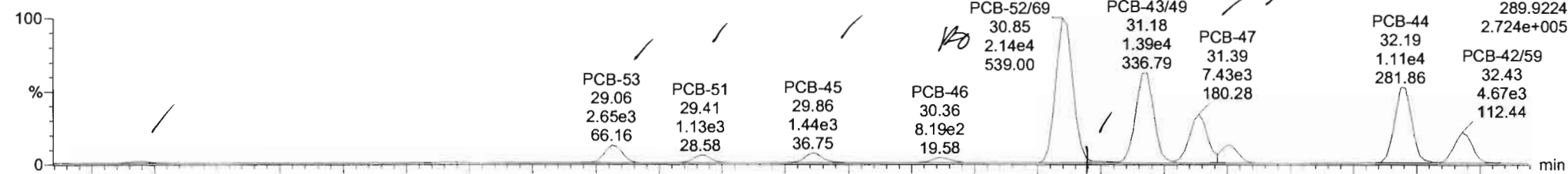
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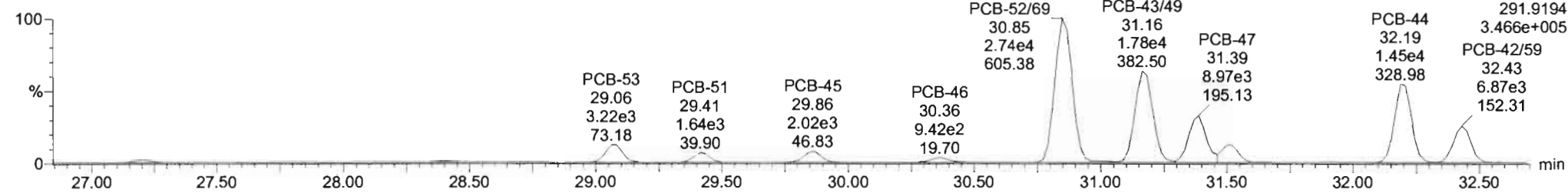
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PCB-50

210512K2_9

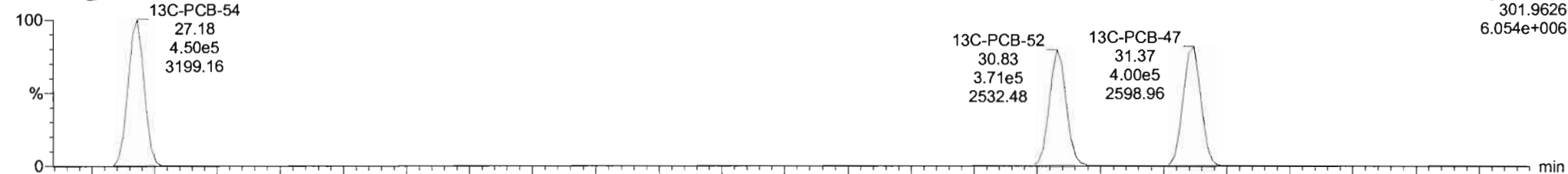


210512K2_9

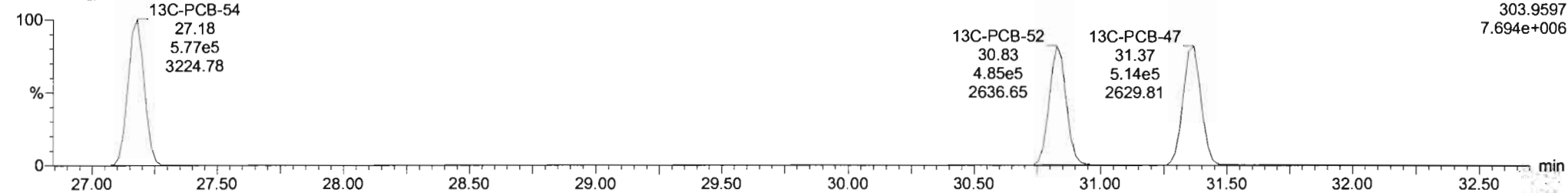


13C-PCB-52

210512K2_9

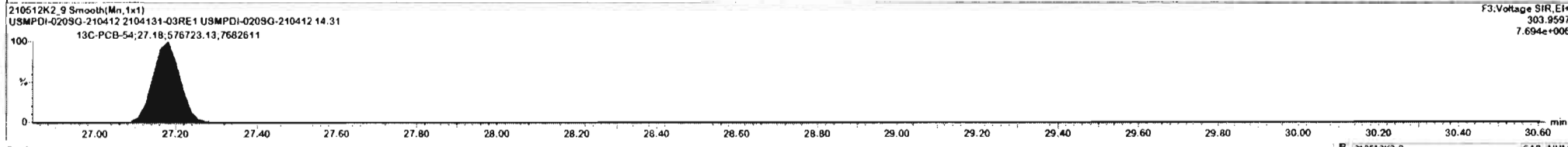
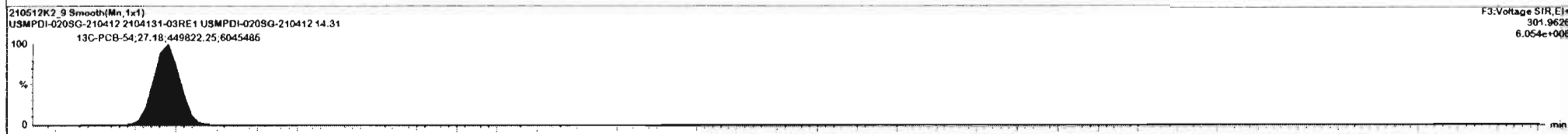
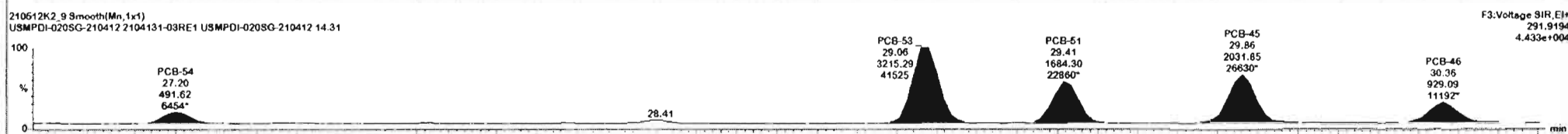
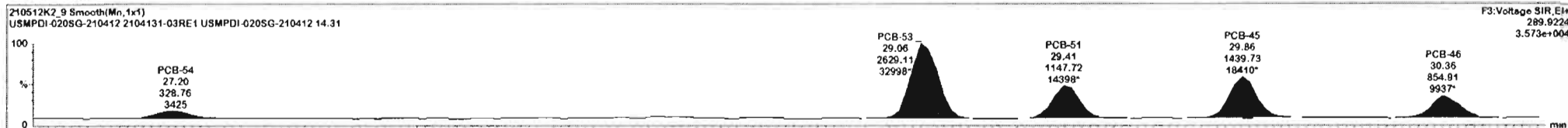


210512K2_9



#	Name	Resp	RA	ny	RRF	wbval	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	EL	EMPC
228	Total Tetra-PCBs				0.9610	5.021	0.00		0.000		NO	793.6		12.3	211.8
229	3rd Function Penta-PCBs				1.1133	5.021	0.00		0.000		NO	1337		12.4	1053

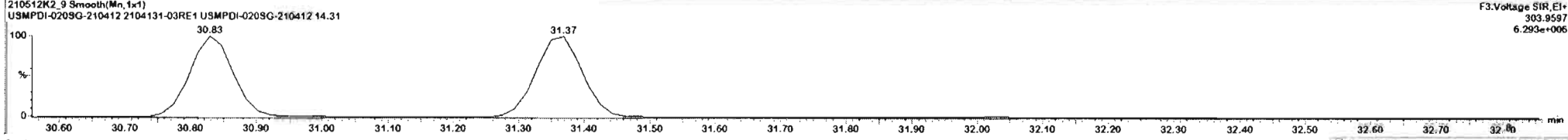
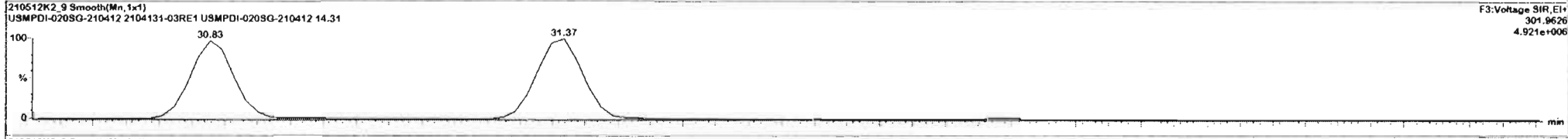
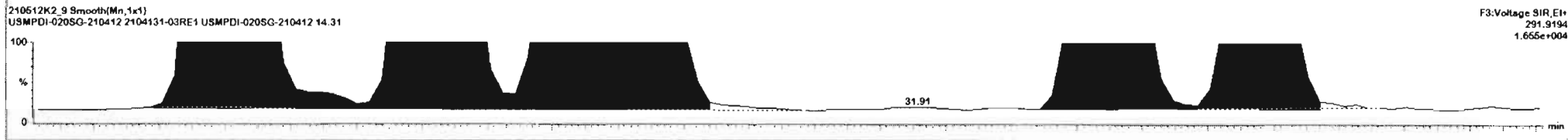
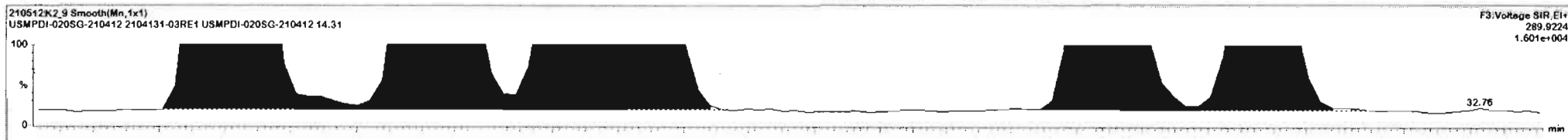
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	ny	EMPC	Conc.
1	32 PCB-54	27.20	27.20	3.288e2	4.380e2	0.770	0.67	NO	1.6270	1.6297
2	34 PCB-53	29.06	29.06	2.645e3	3.215e3	0.770	0.62	NO	14.528	14.528
3	35 PCB-51	29.41	29.41	1.125e3	1.641e3	0.770	0.69	NO	6.4410	6.4408
4	36 PCB-45	29.86	29.86	1.441e3	2.034e3	0.770	0.71	NO	10.050	10.050
5	37 PCB-46	30.36	30.36	8.191e2	9.419e2	0.770	0.87	NO	5.3200	5.3203
6	38 PCB-52	30.67	30.67	2.122e4	2.718e4	0.770	0.76	NO	104.11	104.11
7	39 PCB-73	30.98	30.98	1.688e2	2.658e2	0.770	0.71	NO	0.61000	0.60991
8	40 PCB-43	31.15	31.15	1.395e4	1.783e4	0.770	0.78	NO	79.951	79.951



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	Name	Resp	RA	nly	RRF	wt%cl	Pred RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.021	0.00		0.000		NO	793.6		12.3	811.8
229	229 3rd Function Penta-PCBs				1.1173	5.021	0.00		0.000		NO	1037		12.4	1053

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	32 PCB-54	27.20	27.20	3.266e2	4.880e2	0.770	0.67	NO	1.8270	1.6267
2	34 PCB-52	29.06	29.06	2.645e3	3.215e3	0.770	0.82	NO	14.529	14.526
3	35 PCB-51	29.41	29.41	1.125e3	1.641e3	0.770	0.65	NO	6.4410	6.4408
4	36 PCB-45	29.66	29.66	1.441e3	2.024e3	0.770	0.71	NO	10.050	10.050
5	37 PCB-46	30.36	30.36	8.191e2	9.419e2	0.770	0.87	NO	5.3200	5.3202
6	38 PCB-52/59	30.87	30.85	2.122e4	2.718e4	0.770	0.78	NO	104.11	104.11
7	39 PCB-73	30.98	30.96	1.688e2	2.653e2	0.770	0.71	NO	0.81000	0.80991
8	40 PCB-43/49	31.15	31.18	1.355e4	1.783e4	0.770	0.76	NO	79.951	78.951

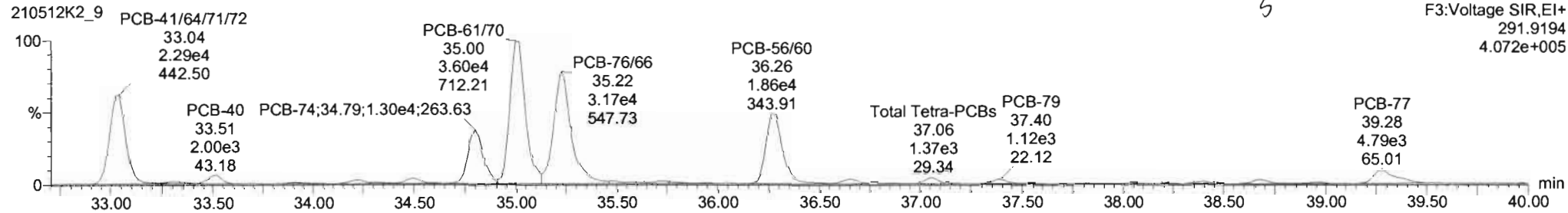
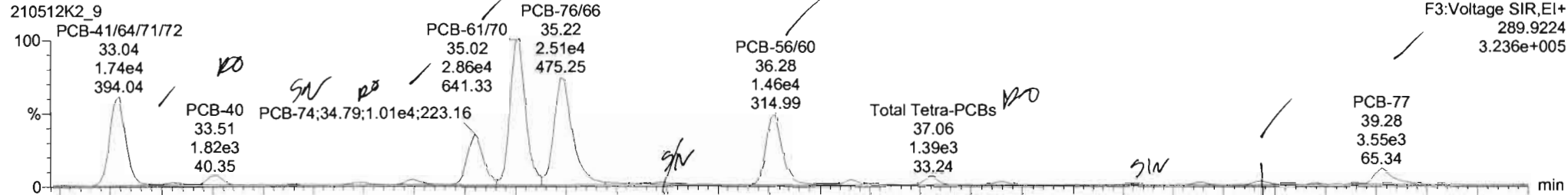


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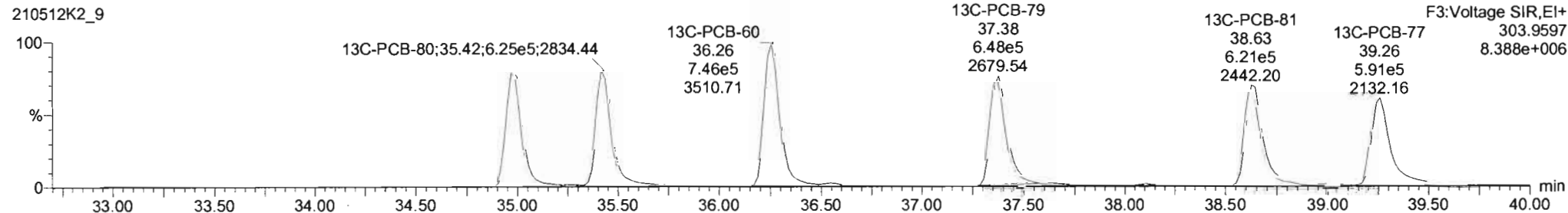
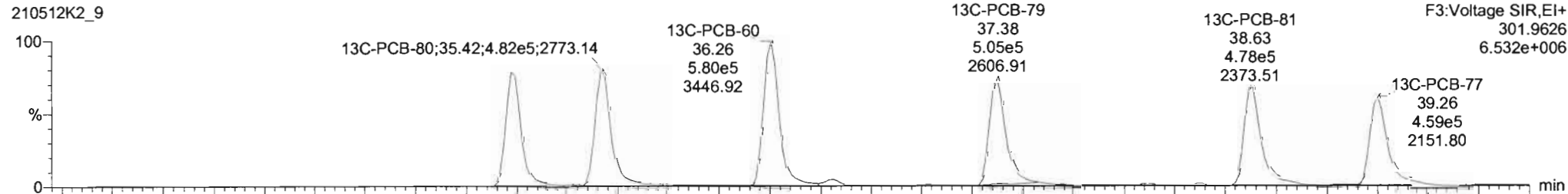
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

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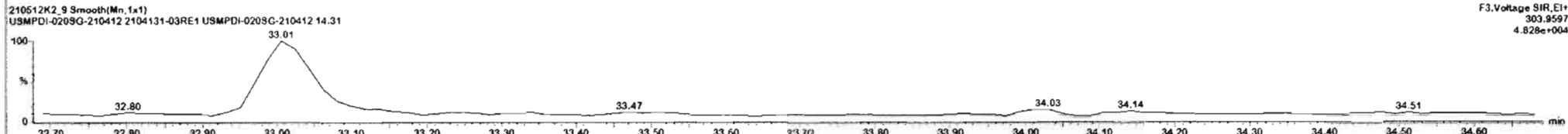
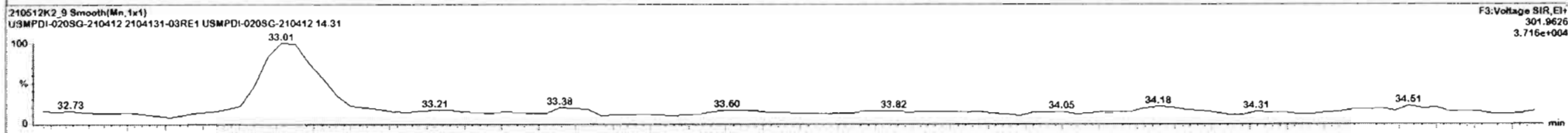
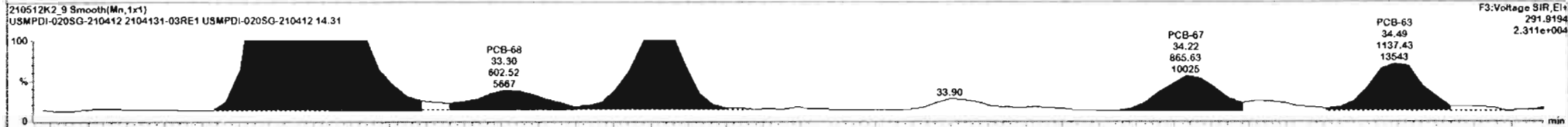
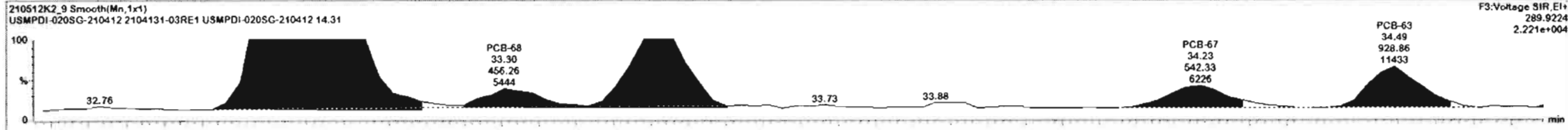


13C-PCB-60



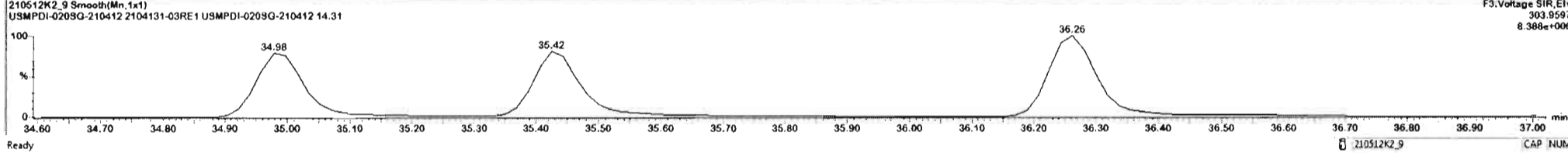
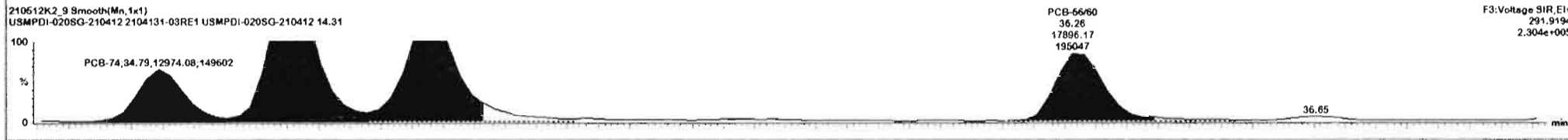
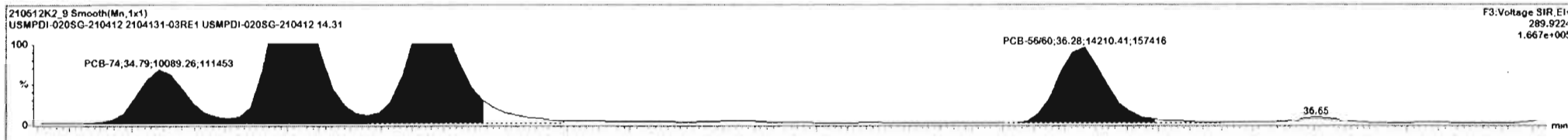
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.021	0.00		0.000		NO	703.6		12.3	611.8
229	229 3rd Function Penta-PCBs				1.1123	5.021	0.00		0.000		NO	11.3*		12.4	1053

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Rand (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	3.286e2	4.380e2	0.770	0.67	NO	1.8270	1.6267
2	34 PCB-53	29.06	29.06	2.645e3	3.215e3	0.770	0.62	NO	14.526	14.526
3	35 PCB-51	29.41	29.41	1.125e3	1.641e3	0.770	0.69	NO	6.4410	6.4408
4	36 PCB-45	29.86	29.86	1.441e2	2.024e2	0.770	0.71	NO	10.050	10.050
5	37 PCB-46	30.36	30.36	8.191e2	9.419e2	0.770	0.67	NO	5.3200	5.3203
6	38 PCB-52/69	30.67	30.67	2.122e4	2.718e4	0.770	0.76	NO	104.11	104.11
7	39 PCB-73	30.58	30.58	1.886e2	2.658e2	0.770	0.71	NO	5.81000	0.80981
8	40 PCB-43/49	31.15	31.18	1.356e4	1.783e4	0.770	0.78	NO	79.951	79.951



#	Name	Resp	RA	n/y	RRF	Wt/WT	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.021	0.00		0.000		NO	767.2		12.4	810.5
229	229 3rd Function Penta-PCBs				1.1133	5.021	0.00		0.000		NO	1037		12.4	1053

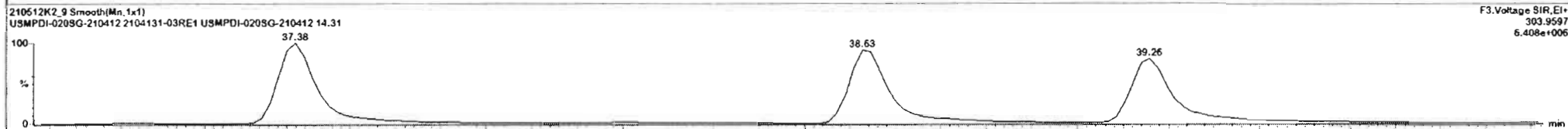
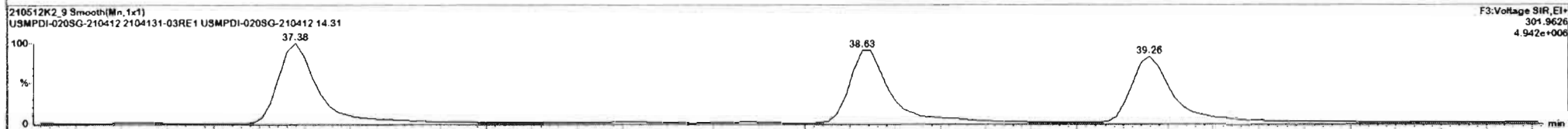
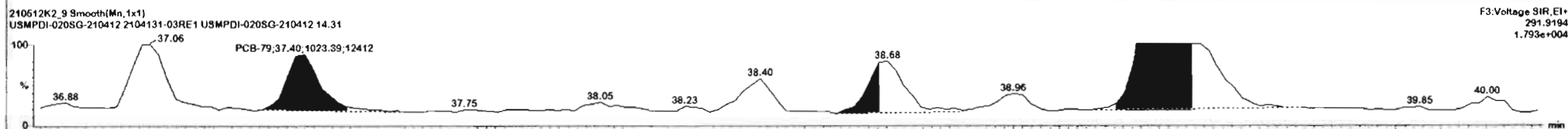
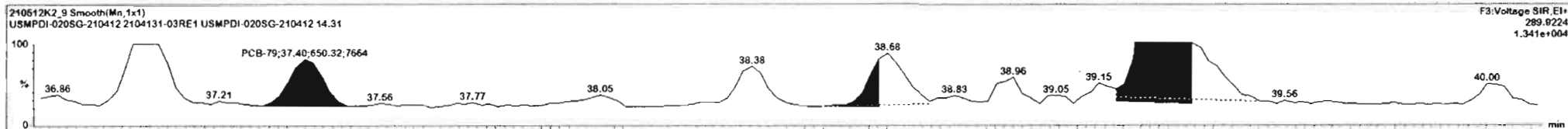
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	3.268e2	4.516e2	0.770	0.67	NO	1.6336	1.6336
2	34 PCB-53	29.06	29.06	2.829e3	3.215e3	0.770	0.82	NO	14.487	14.487
3	35 PCB-51	29.41	29.41	1.148e3	1.684e3	0.770	0.68	NO	6.5945	6.5945
4	36 PCB-45	29.95	29.95	1.440e3	2.032e3	0.770	0.71	NO	10.069	10.069
5	37 PCB-46	30.36	30.36	8.549e2	9.291e2	0.770	0.92	YES	4.9683	0.80000
6	38 PCB-52/69	30.87	30.85	2.122e4	2.718e4	0.770	0.76	NO	104.11	104.11
7	39 PCB-73	30.93	30.96	1.689e2	2.658e2	0.770	0.71	NO	0.80991	0.80991
8	40 PCB-43/49	31.15	31.15	1.255e4	1.783e4	0.770	0.78	NO	79.951	79.951



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	w/wwt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9610	5.021	0.00		0.000		NO	767.2		12.3	810.5
229	229 3rd Function Penta-PCBs				1.1133	5.021	0.00		0.000		NO	1037		12.4	1057

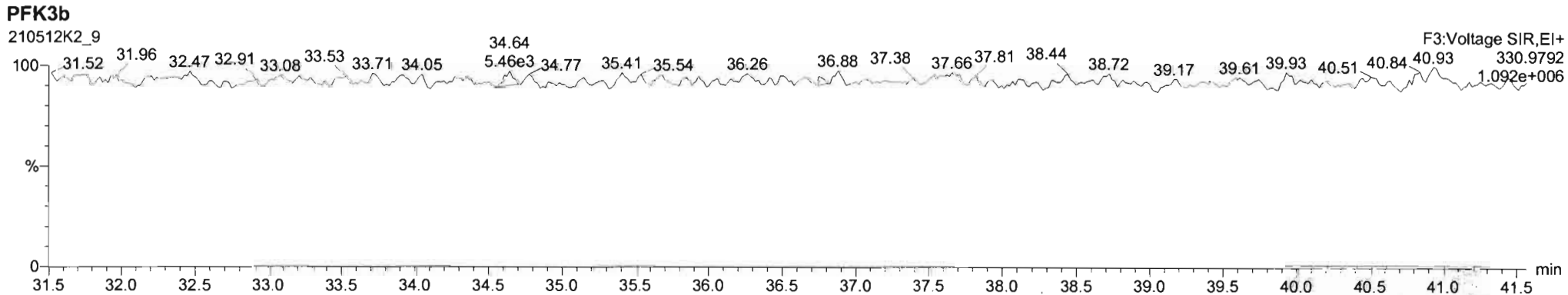
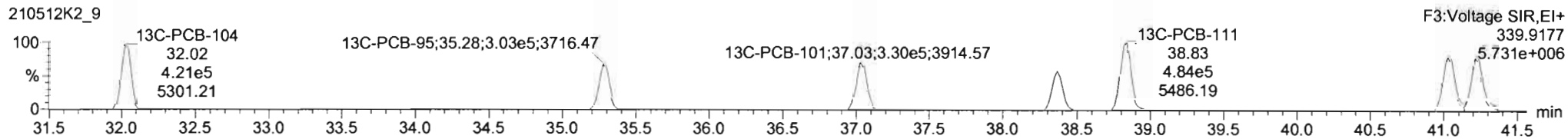
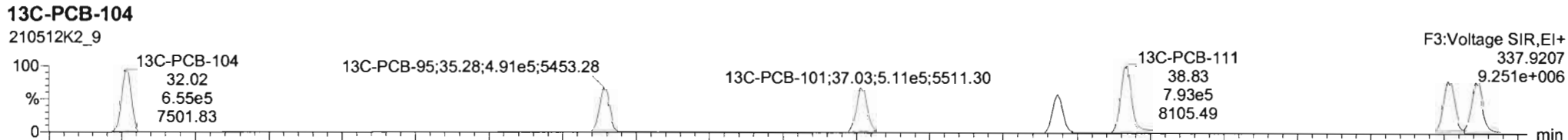
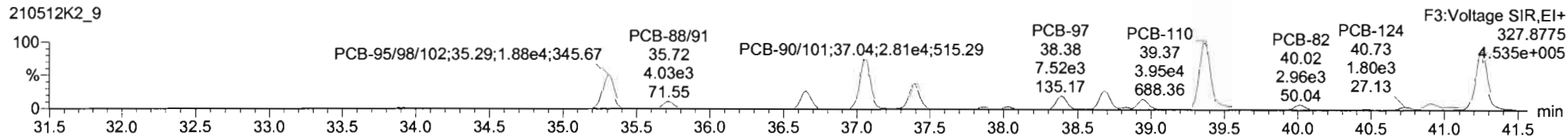
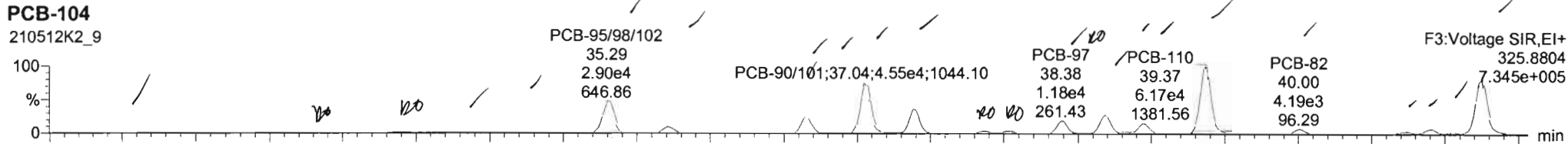
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.20	27.20	3.286e2	4.912e2	0.770	0.67	NO	1.6336	1.6336
2	34 PCB-53	29.50	29.50	2.629e3	3.215e3	0.770	0.82	NO	14.427	14.427
3	35 PCB-51	29.41	29.41	1.148e3	1.684e3	0.770	0.68	NO	8.5945	6.5945
4	36 PCB-45	29.86	29.86	1.440e3	2.032e3	0.770	0.71	NO	10.086	10.069
5	37 PCB-46	30.36	30.36	8.549e2	9.291e2	0.770	0.92	YES	4.9683	0.93000
6	38 PCB-52:69	30.87	30.85	2.122e4	2.718e4	0.770	0.78	NO	104.11	104.11
7	39 PCB-73	30.88	30.96	1.686e2	2.658e2	0.770	0.71	NO	0.80991	0.80991
8	40 PCB-43:49	31.15	31.18	1.365e4	1.783e4	0.770	0.76	NO	79.951	79.951



Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



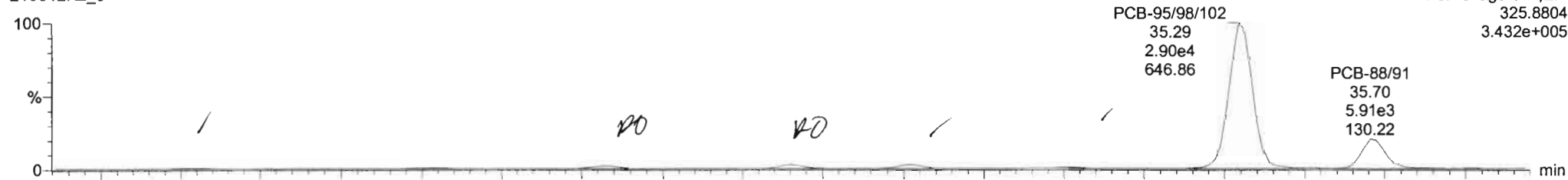
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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

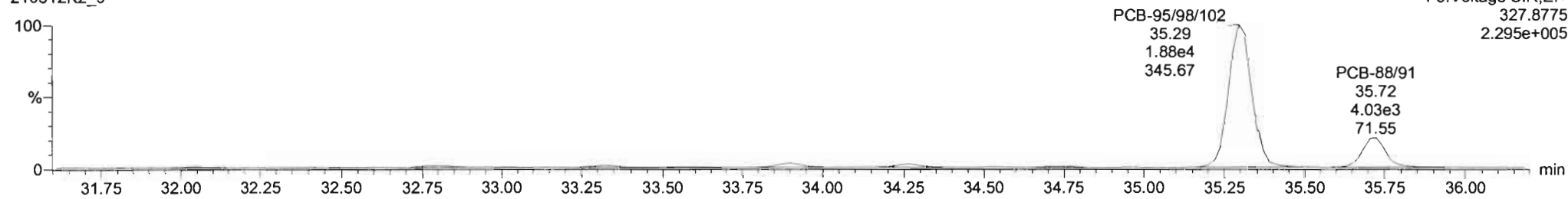
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210512K2_9

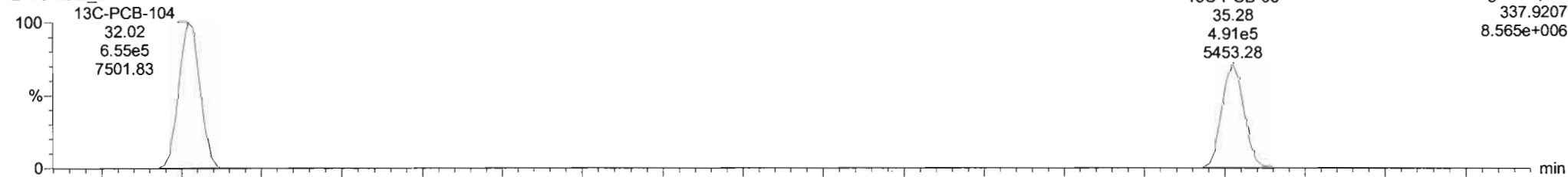


210512K2_9

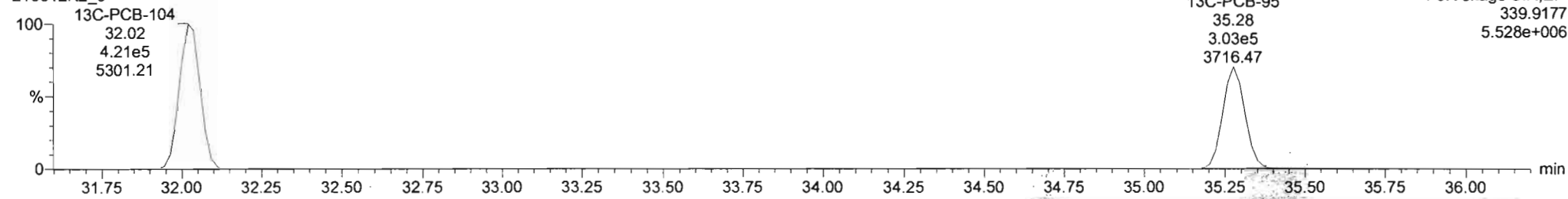


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210512K2_9



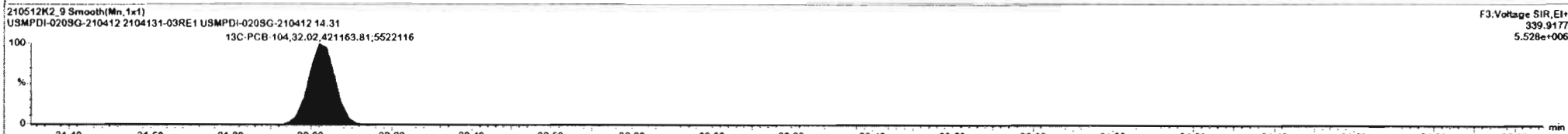
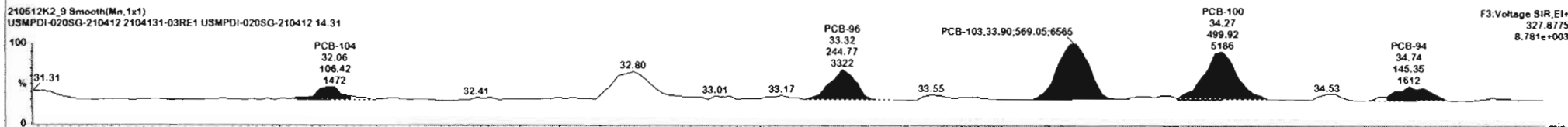
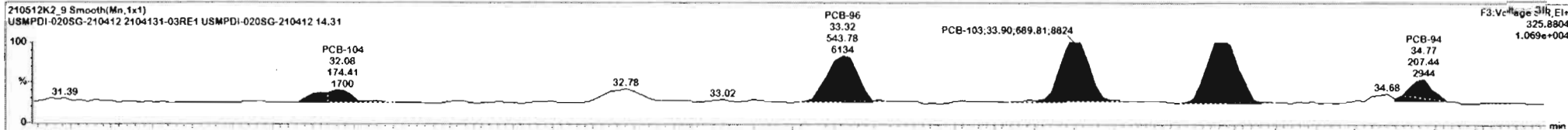
210512K2_9



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wgt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	5.021	0.00		0.000		NO	787.7		12.3	510.5
229	229 3rd Function Penta-PCBs				1.1123	5.021	0.00		0.000		NO	1037		12.4	1053

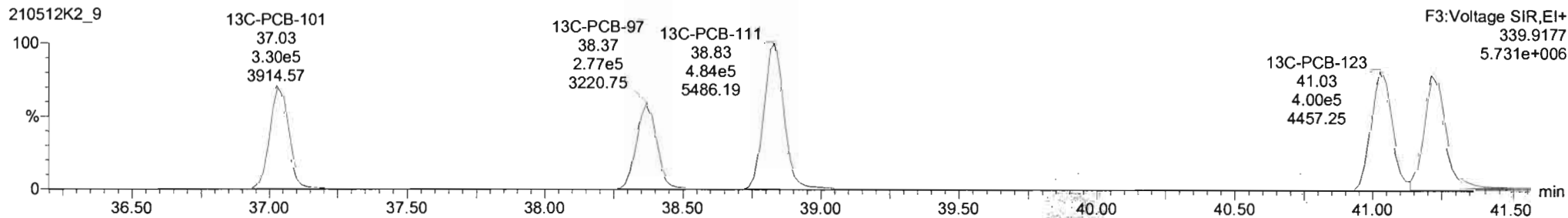
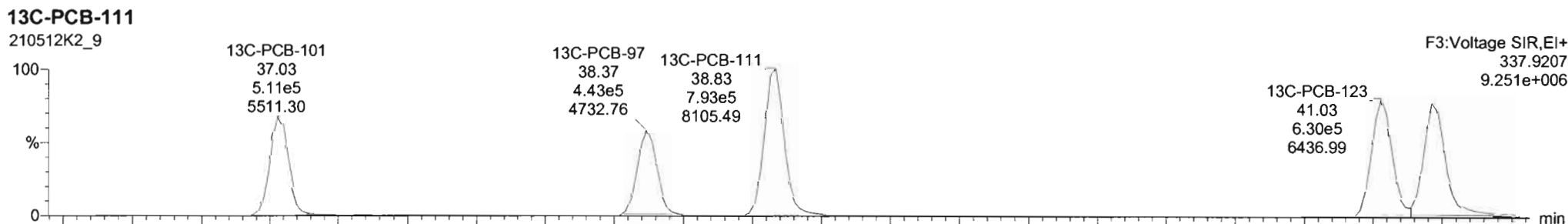
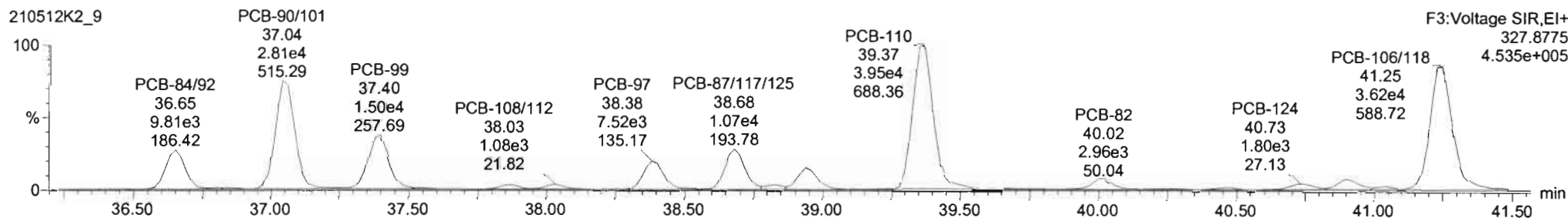
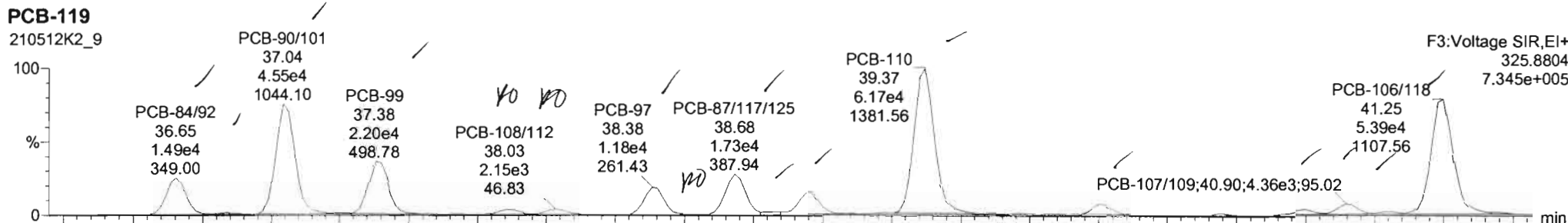
x	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Rate (Pct)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.24	32.08	1.744e2	1.064e2	1.560	1.64	NO	0.52945	0.52945
2	65 PCB-98	33.33	33.32	5.436e2	2.447e2	1.560	2.22	YES	1.1904	0.00000
3	66 PCB-103	33.92	33.90	6.896e2	5.891e2	1.560	1.21	YES	2.7223	0.00080
4	67 PCB-100	34.27	34.27	7.622e2	4.999e2	1.560	1.52	NO	2.9026	2.9026
5	68 PCB-94	34.74	34.77	2.074e2	1.451e2	1.560	1.43	NO	1.0650	1.0650
6	69 PCB-95/98/102	35.23	35.29	2.900e4	1.877e4	1.560	1.54	NO	111.89	111.89
7	71 PCB-88/91	35.70	35.70	5.905e3	4.028e3	1.560	1.47	NO	27.365	27.365
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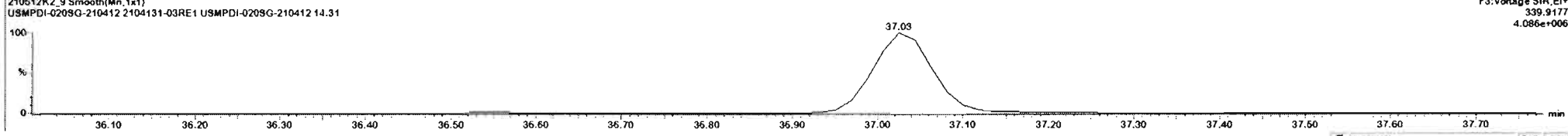
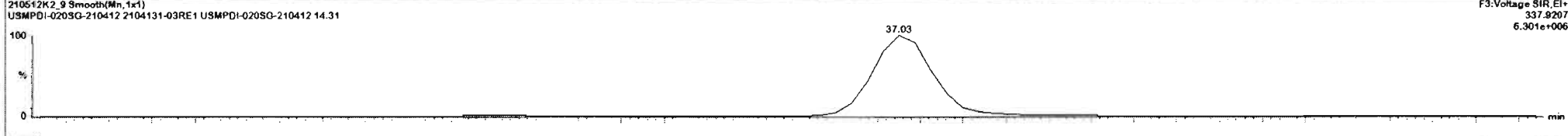
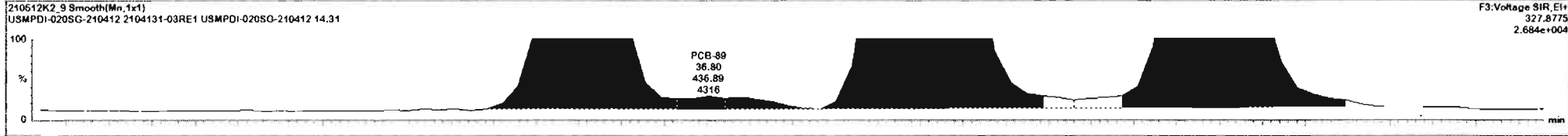
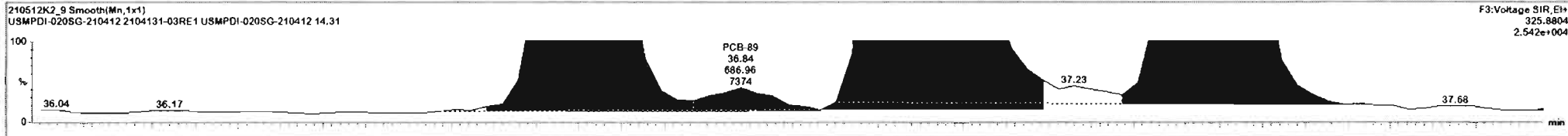
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



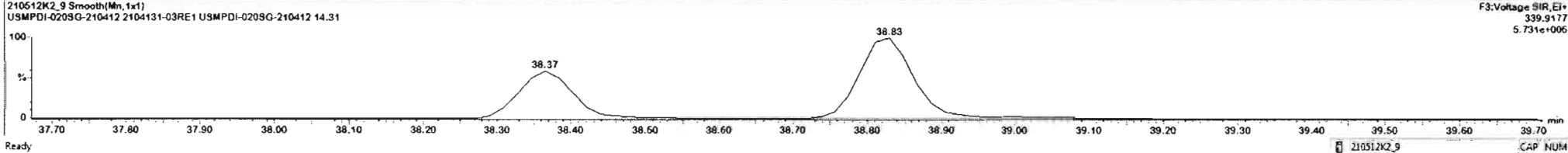
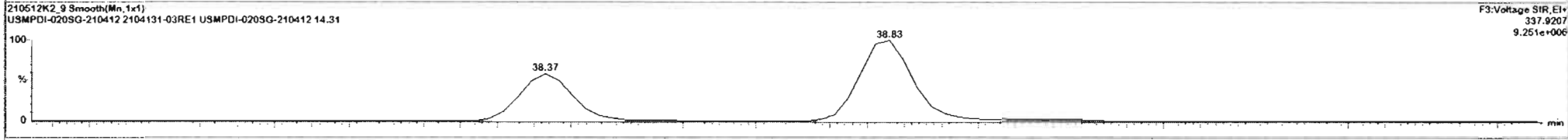
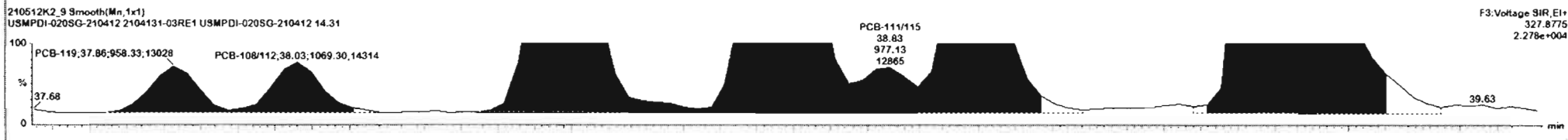
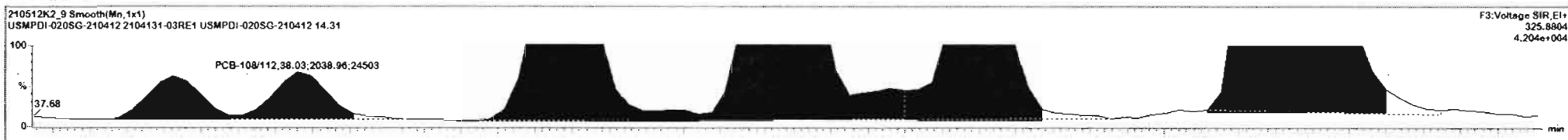
#	Name	Resp	RA	n/y	RRF	w/wot	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	5.021	0.00		0.000		NO	787.2		12.3	810.5
229	229 3rd Function Penta-PCBs				1.1133	5.021	0.00		0.000		NO	1037		12.4	1053

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.04	32.08	1.744e2	1.064e2	1.560	1.64	NO	0.52945	0.52945
2	85 PCB-95	33.33	33.32	5.436e2	2.448e2	1.560	2.22	YES	1.1804	0.00000
3	86 PCB-103	33.92	32.90	6.898e2	5.651e2	1.560	1.21	YES	2.7223	0.00000
4	87 PCB-100	34.27	34.27	7.622e2	4.999e2	1.560	1.52	NO	2.9026	2.9026
5	88 PCB-94	34.75	34.77	2.074e2	1.453e2	1.560	1.43	NO	1.0650	1.0650
6	89 PCB-95-98/102	35.23	35.29	2.900e4	1.877e4	1.560	1.54	NO	111.89	111.89
7	71 PCB-88/91	35.70	35.70	5.908e3	4.028e3	1.560	1.47	NO	27.385	27.385
8	73 PCB-84/92	36.66	36.65	1.482e4	9.814e3	1.560	1.51	NO	70.668	70.668



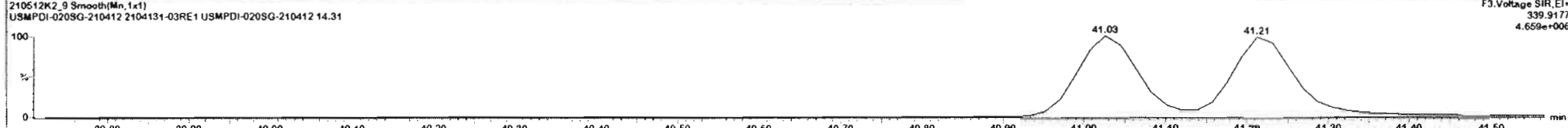
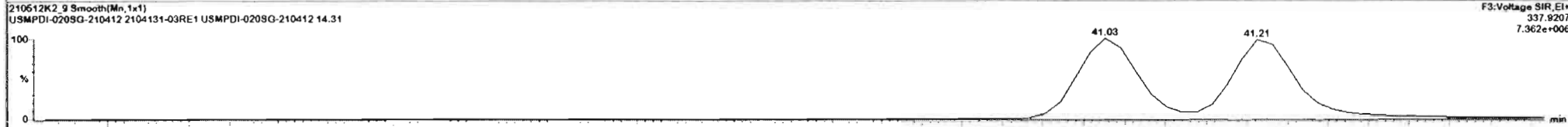
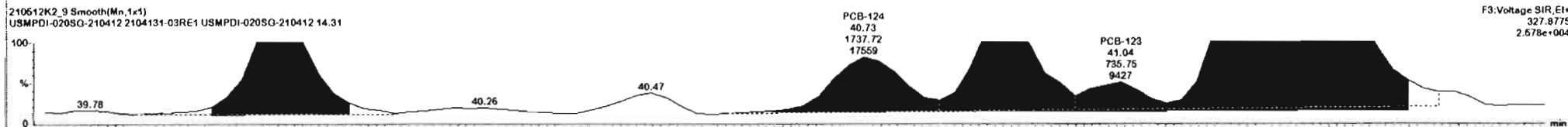
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228	Total Tetra-PCBs			0.9910	5.021	0.00		0.000		NO	787.2		12.3	810.5
229	229	3rd Function Penta-PCBs			1.1133	5.021	0.00		0.000		NO	1037		12.4	1063

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	64 PCB-104	32.04	32.08	1.744e2	1.084e2	1.580	1.64	NO	0.52945	0.52945
2	65 PCB-96	33.33	33.32	5.436e2	2.448e2	1.580	2.22	YES	1.1904	0.00000
3	66 PCB-103	33.92	33.90	6.696e2	5.691e2	1.580	1.21	YES	2.7223	0.00000
4	67 PCB-100	34.27	34.27	7.622e2	4.999e2	1.580	1.52	NO	2.9026	2.9026
5	68 PCB-34	34.74	34.77	2.074e2	1.452e2	1.580	1.43	NO	1.0650	1.0650
6	69 PCB-95/98/102	35.23	35.29	2.900e4	1.877e4	1.580	1.54	NO	111.89	111.89
7	71 PCB-88/91	35.70	35.70	5.906e3	4.028e3	1.580	1.47	NO	27.365	27.365
8	73 PCB-84/92	36.66	36.65	1.482e4	9.814e3	1.580	1.51	NO	70.668	70.668



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				0.9910	5.021	0.00	0.000			NO	787.3		12.3	810.5
229	229 3rd Function Penta-PCBs				1.1133	5.021	0.00	0.000			NO	1937		12.4	1053

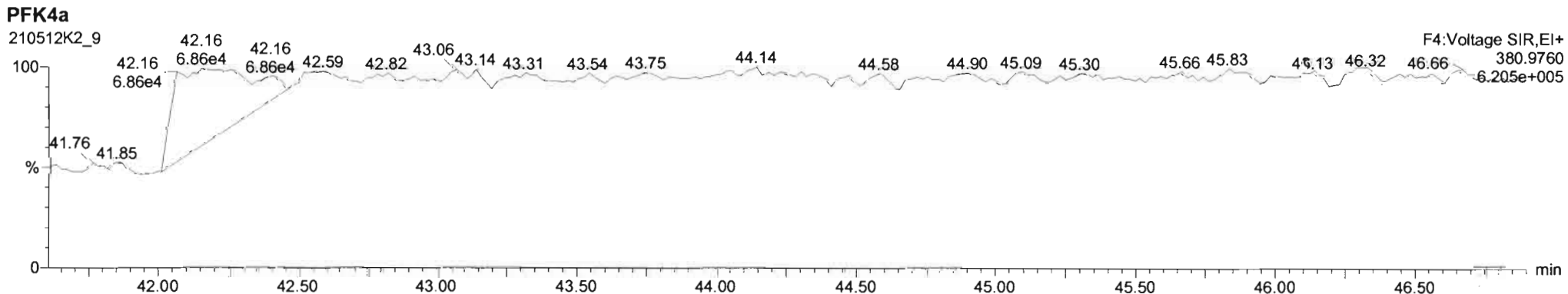
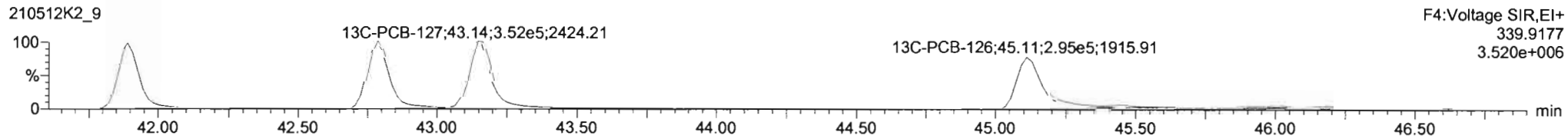
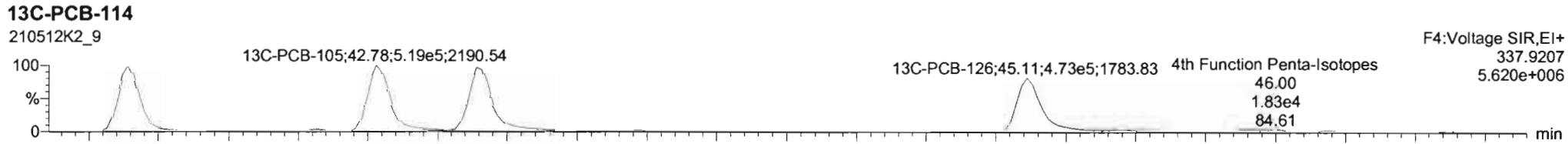
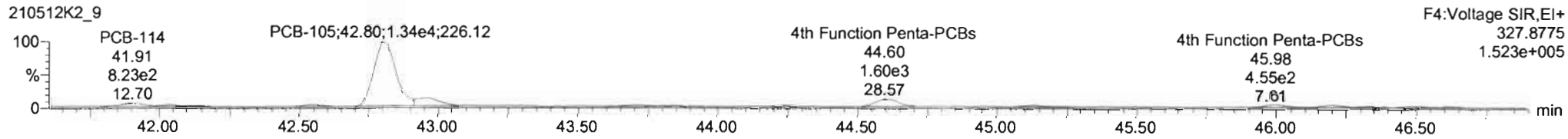
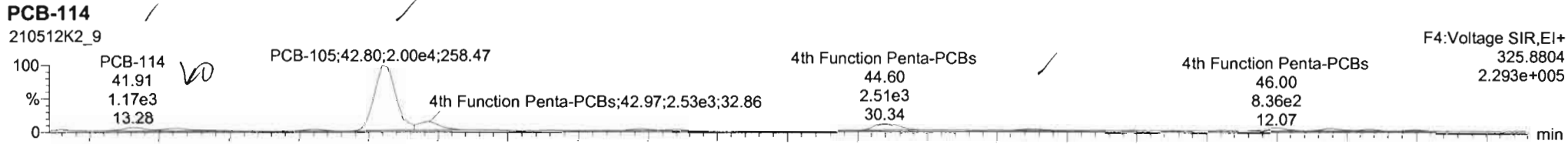
#	Name	Pred_RT	RT	m1 Reso	m2 Reso	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.24	32.25	1.74e2	1.06e2	1.560	1.64	NO	0.52645	0.52645
2	65 PCB-98	33.33	33.37	5.438e2	2.448e2	1.560	2.22	YES	1.1804	0.02000
3	66 PCB-103	33.92	33.99	6.058e2	5.891e2	1.560	1.21	YES	2.7223	0.02000
4	67 PCB-100	34.27	34.27	7.822e2	4.999e2	1.560	1.52	NO	2.9926	2.9926
5	68 PCB-64	34.74	34.77	2.074e2	1.452e2	1.560	1.43	NO	1.0650	1.0650
6	69 PCB-95/98/102	35.23	35.29	2.900e4	1.877e4	1.560	1.54	NO	111.89	111.89
7	71 PCB-89/91	35.70	35.70	5.908e3	4.026e3	1.560	1.47	NO	27.365	27.365
8	73 PCB-84/92	36.66	36.66	1.482e4	9.814e3	1.560	1.51	NO	70.668	70.668



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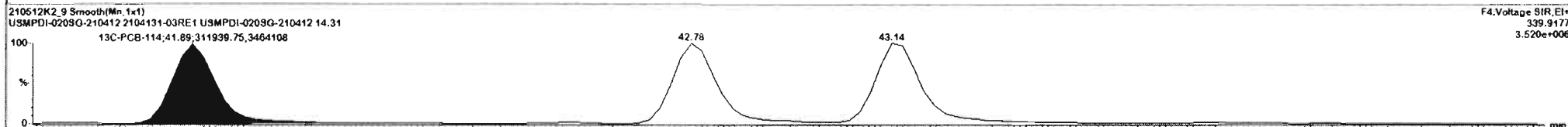
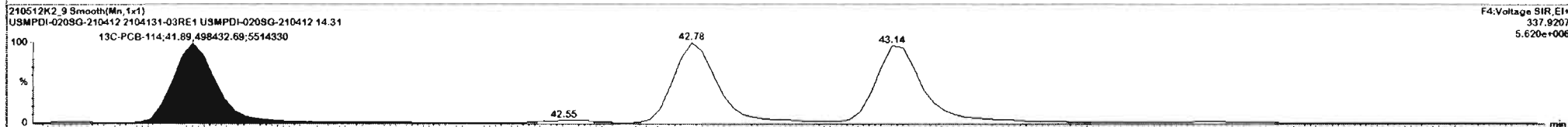
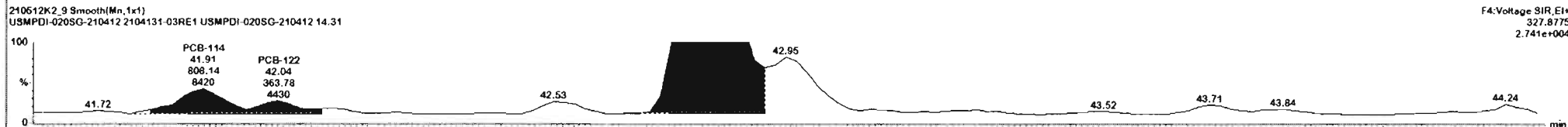
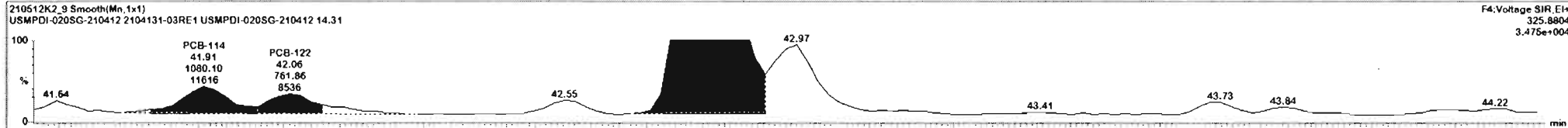
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210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	Wt/Wt	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.021	0.00		0.000		NO	787.2		12.3	810.5
229	3rd Function Penta-PCBs				1.1133	5.021	0.00		0.000		NO	1037		12.4	1053

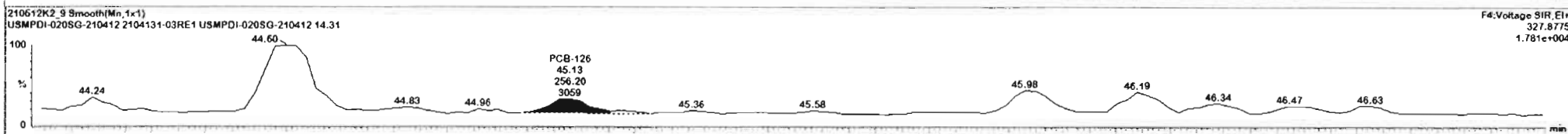
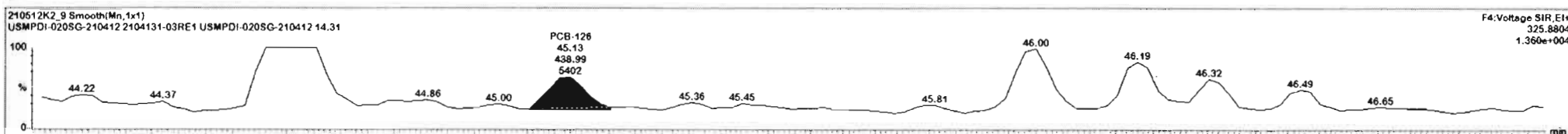
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pres)	RA	n/y	EMPC	Conc.
1	93 PCB-114	41.51	41.91	1.000e3	6.081e2	1.560	1.34	NO	4.2816	4.2816
2	94 PCB-122	42.06	42.06	7.819e2	3.638e2	1.560	2.09	YES	2.4605	0.00000
3	96 PCB-105	42.80	42.80	2.007e4	1.341e4	1.550	1.50	NO	76.051	76.051
4	97 PCB-126	45.13	45.13	4.066e2	2.562e2	1.560	1.59	NO	1.4924	1.4924



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

#	Name	Resp	RA	nly	RRF	wl/wet	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				0.9910	5.021	0.00				NO	787.2	12.3		810 E
229	3rd Function Penta-PCBs				1.1133	5.021	0.00				NO	1037	12.4		1053

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	93 PCB-114	41.91	41.91	1.000e3	8.061e2	1.580	1.34	NO	4.2316	4.2216
2	94 PCB-122	42.05	42.05	7.619e2	3.630e2	1.580	2.09	YES	2.4895	5.00990
3	95 PCB-105	42.80	42.80	2.007e4	1.3e1e4	1.550	1.50	NO	76.351	76.051
4	97 PCB-126	45.13	45.13	4.390e2	2.562e2	1.560	1.71	NO	1.585e	1.585e

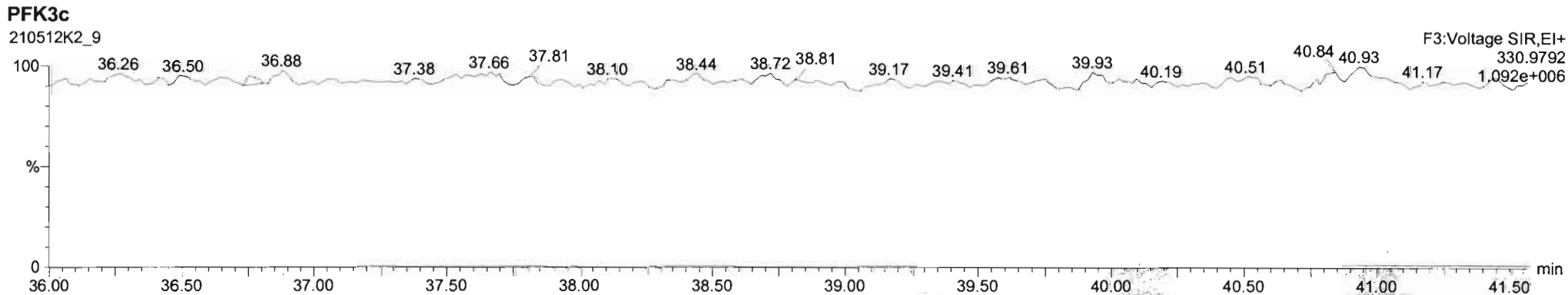
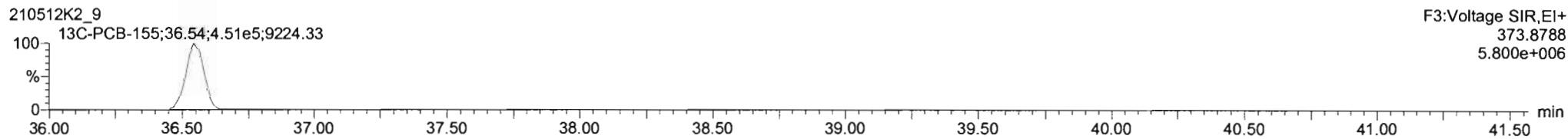
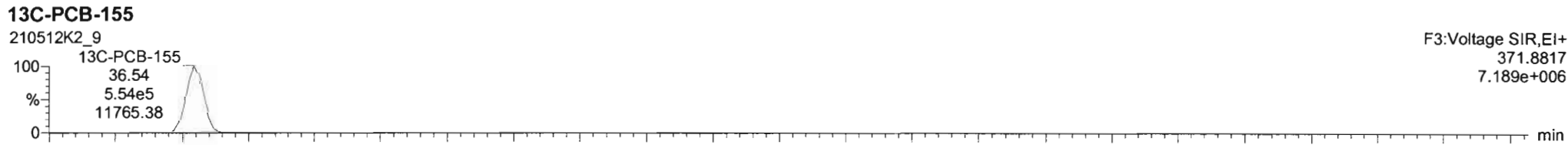
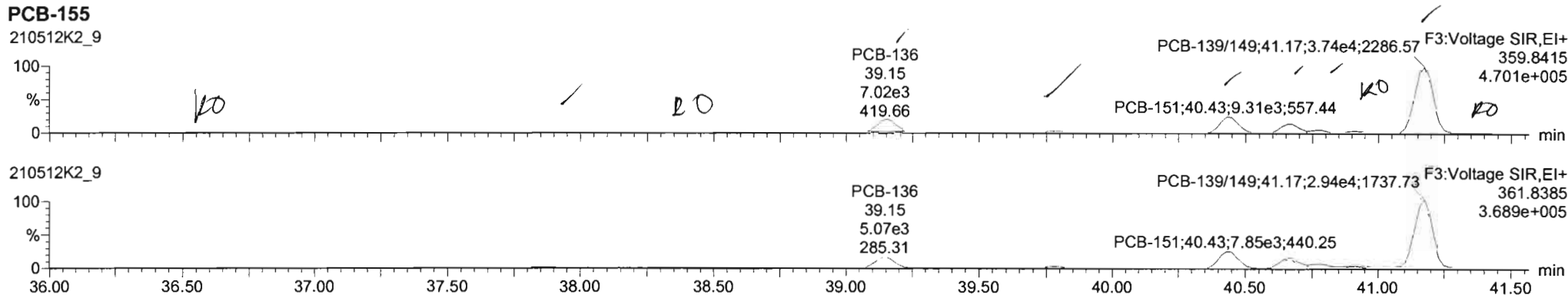


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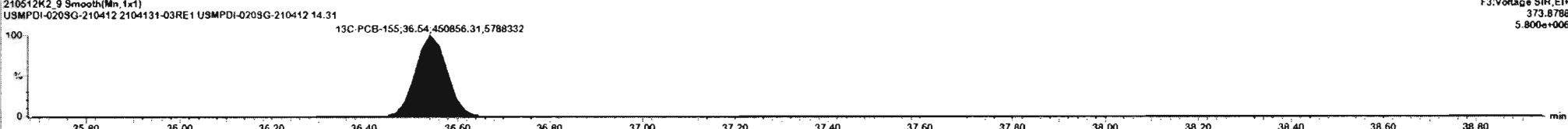
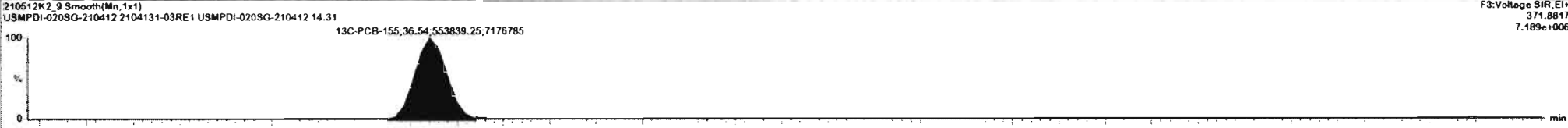
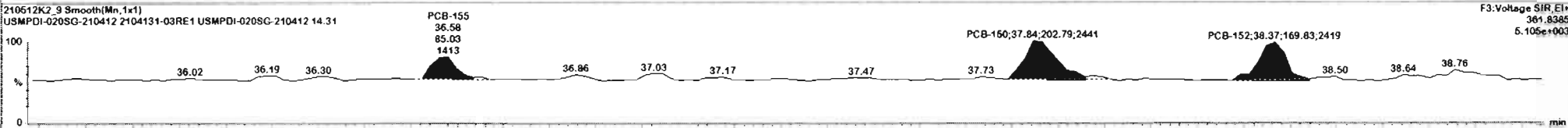
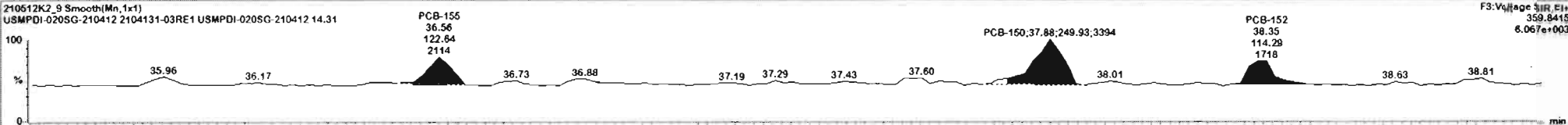
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210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

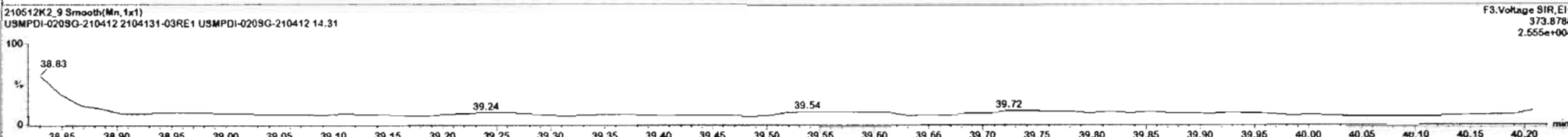
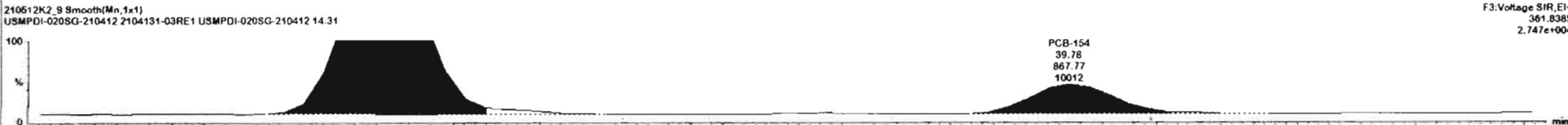
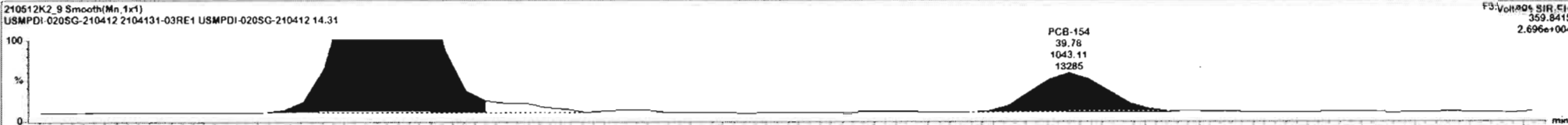
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.000		NO	288.9		2.13	298.1
232	232 4th Function Hexa-PCBs				0.9455	5.021	0.00		0.000		NO	790.1		10.6	790.4

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	90 PCB-155	36.56	36.56	1.226e2	8.503e1	1.243	1.44	YES	0.44286	0.00000
2	99 PCB-150	37.86	37.82	2.496e2	2.028e2	1.243	1.23	NO	0.96967	0.96967
3	1... PCB-152	38.36	38.35	1.143e2	1.692e2	1.243	0.67	YES	0.40199	0.00000
4	1 PCB-136	39.15	39.15	6.875e3	5.000e3	1.243	1.37	NO	26.721	26.721
5	1... PCB-154	39.78	39.73	1.043e3	8.878e2	1.243	1.20	NO	5.2563	5.2563
6	1 PCB-151	40.43	40.43	9.206e3	7.846e3	1.243	1.19	NO	50.443	50.443
7	1 PCB-135	40.65	40.67	5.506e3	3.950e3	1.243	1.38	NO	26.043	26.043
8	1 PCB-144	40.77	40.77	1.816e3	1.335e3	1.243	1.36	NO	9.0322	9.0322



#	Name	Resp	RA	n/y	RRF	w/mwt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	5.021	9.00		0.000		NO	288.8		2.13	297.8
232	232 4th Function Hexa-PCBs				0.8455	5.021	9.00		0.000		NO	790.4		10.5	790.4

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc.
1	98 PCB-155	36.56	36.56	1.226e2	8.503e1	1.240	1.44	YES	0.44286	0.0000
2	99 PCB-150	37.86	37.86	2.499e2	2.028e2	1.240	1.23	NO	0.96067	0.96067
3	1... PCB-152	38.36	38.35	1.143e2	1.698e2	1.240	0.67	YES	0.40199	0.02000
4	1... PCB-136	39.15	39.15	6.771e3	4.990e3	1.240	1.36	NO	26.462	26.462
5	1... PCB-154	39.78	39.78	1.043e3	8.670e2	1.240	1.20	NO	5.2663	5.2663
6	1... PCB-151	40.43	40.43	9.306e3	7.846e3	1.240	1.16	NO	50.443	50.443
7	1... PCB-135	40.65	40.67	5.506e3	3.990e3	1.240	1.36	NO	26.043	26.043
8	1... PCB-144	40.77	40.77	1.816e3	1.335e3	1.240	1.36	NO	9.0322	9.0322

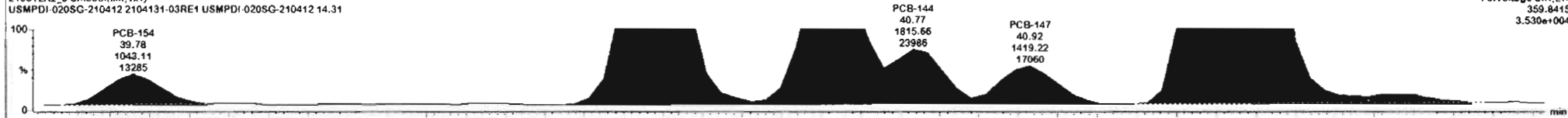


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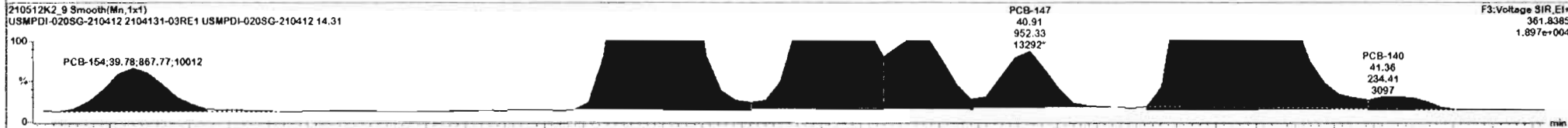
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.090		NO	290.1		2.13	296.4
232	232 4th Function Hexa-PCBs				0.9455	5.021	0.00		0.000		NO	790.1		10.5	790.1

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	99 PCB-155	36.56	36.56	1.225e2	8.522e1	1.240	1.44	YES	0.44286	0.00000
2	99 PCB-150	37.96	37.88	2.459e2	2.028e2	1.240	1.23	NO	0.96067	0.96067
3	1... PCB-152	38.36	38.35	1.143e2	1.898e2	1.240	0.67	YES	0.40199	0.00000
4	1... PCB-136	39.15	39.15	6.784e3	4.590e3	1.240	1.26	NO	26.491	26.491
5	1... PCB-154	39.78	39.78	1.043e3	8.678e2	1.240	1.20	NO	5.2563	5.2563
6	1... PCB-151	40.43	40.43	9.006e3	7.848e3	1.240	1.19	NO	50.443	50.443
7	1... PCB-135	40.85	40.87	5.508e3	3.950e3	1.240	1.38	NO	26.043	26.043
8	1... PCB-144	40.77	40.77	1.818e3	1.335e3	1.240	1.36	NO	9.0322	9.0322

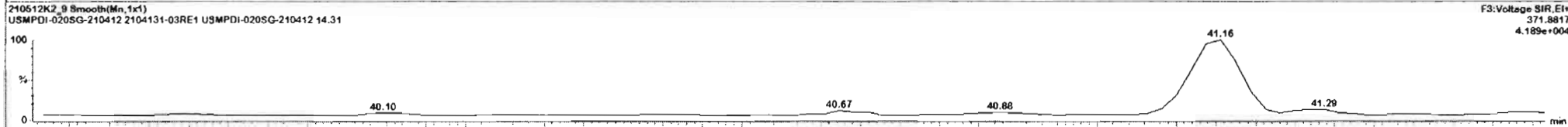
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USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



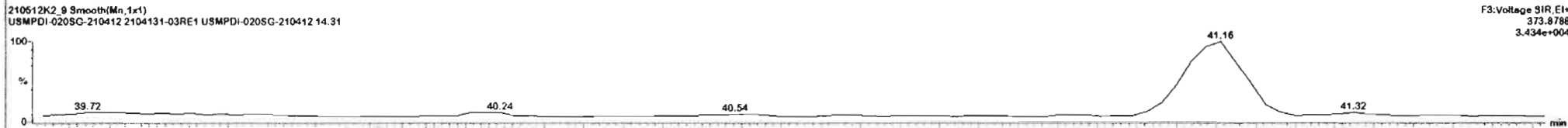
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210512K2_9 Smooth(Mn, 1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



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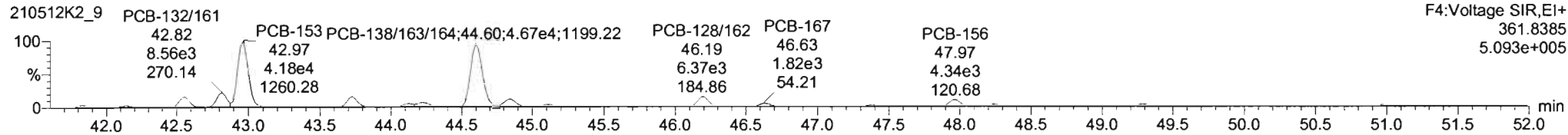
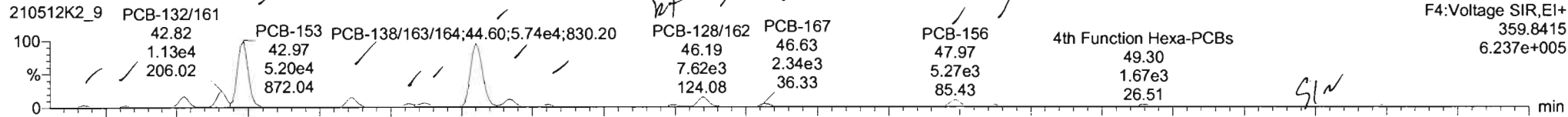


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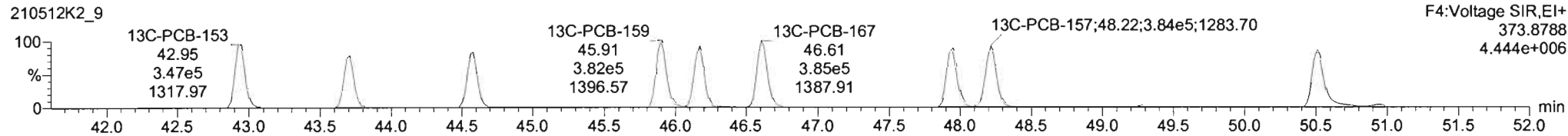
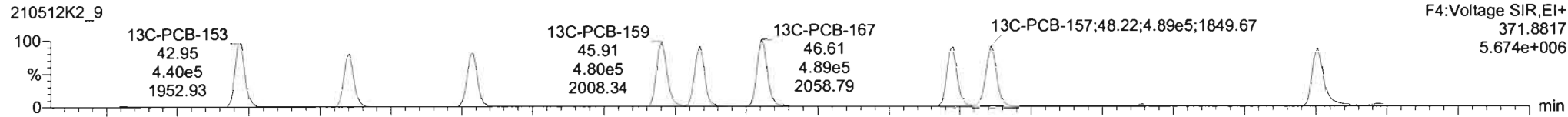
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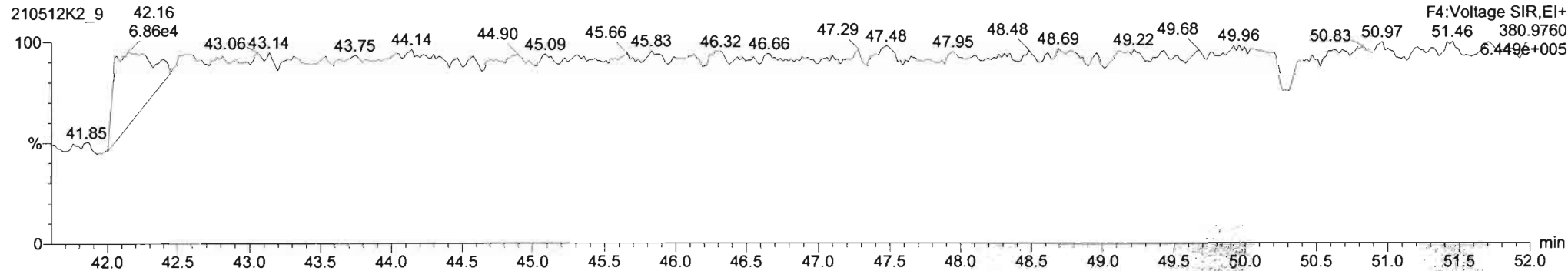
PCB-134/143



13C-PCB-153



PFK4b

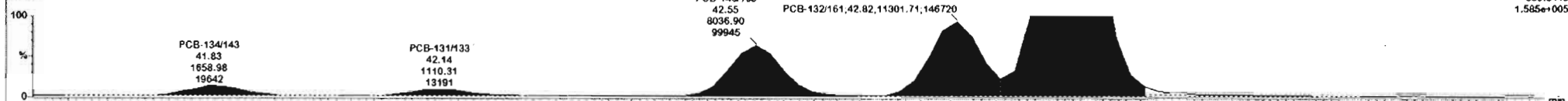


#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	5.021	0.00		0.000		NO	81.90		3.37	84.36
231	231 3rd Function Hexa-PCBs				0.7916	5.021	0.00		0.000		NO	296.3		2.13	296.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EU/PC	Conc.
1	1 PCB-134/143	41.84	41.83	1.259e3	1.240e3	1.240	1.23	NO	10.291	16.291
2	1 PCB-131/133	42.16	42.14	1.110e3	8.997e2	1.240	1.23	NO	6.8926	6.8526
3	1 PCB-146/165	42.56	42.55	8.037e3	6.510e3	1.240	1.23	NO	39.190	39.190
4	1 PCB-132/161	42.80	42.82	1.130e4	8.550e3	1.240	1.32	NO	52.715	52.715
5	1 PCB-153	42.99	42.97	5.084e4	4.133e4	1.240	1.23	NO	236.49	236.49
6	1 PCB-141	43.73	43.73	7.332e3	6.165e3	1.240	1.19	NO	42.966	42.966
7	1 PCB-137	44.13	44.13	1.966e3	1.609e3	1.240	1.23	NO	11.167	11.167
8	1 PCB-130	44.22	44.24	3.079e3	2.862e3	1.240	1.08	NO	21.945	21.945

210512K2_9 Smooth(Mn, 1x1)

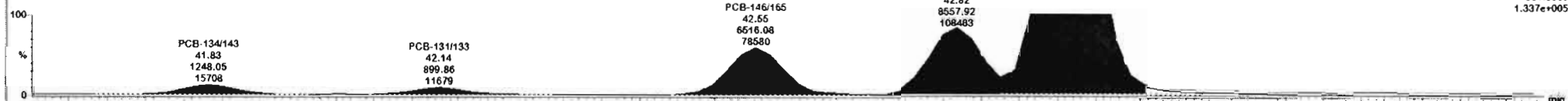
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4: Voltage SIR, E1+
359.8415
1.585e+005

210512K2_9 Smooth(Mn, 1x1)

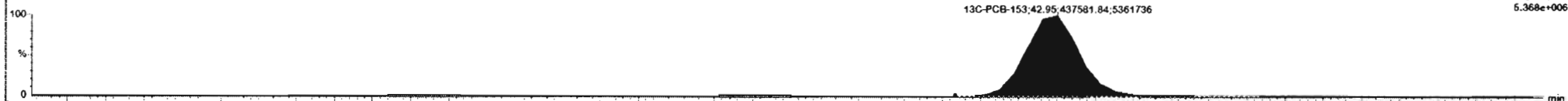
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4: Voltage SIR, E1+
361.8385
1.337e+005

210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4: Voltage SIR, E1+
371.8817
5.368e+006

210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4: Voltage SIR, E1+
373.8788
4.196e+006

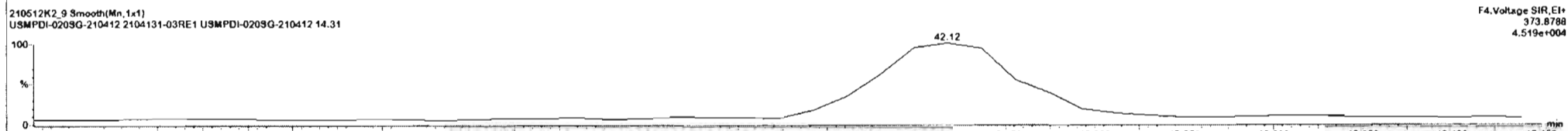
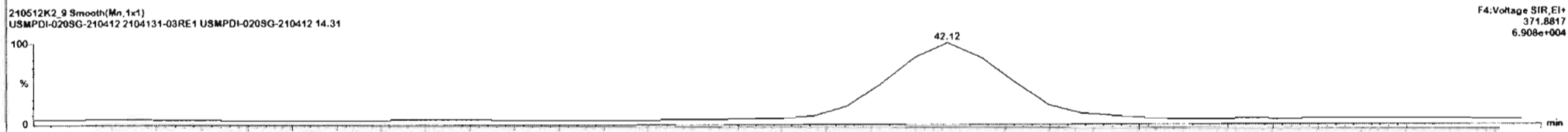
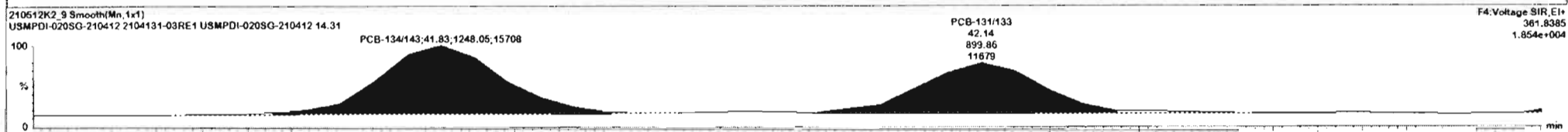
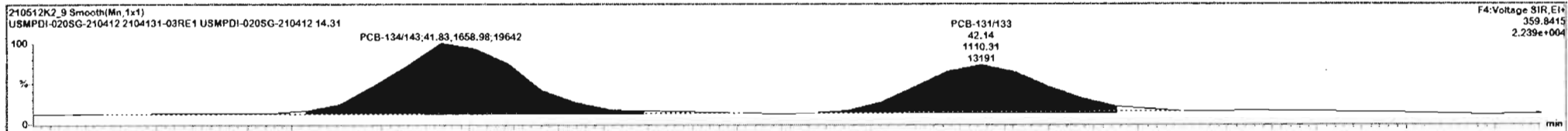
Ready

210512K2_9

CAP NUM

#	Name	Resp	RA	n/y	RRF	Wt/WT	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	5.021	0.00		0.000		NO	81.90		3.37	64.36
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.000		NO	290.3		2.13	298.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	*R _{exp} (Pred)	R _{in}	n/y	EMPC	Conc.
1	1. PCB-134/143	41.84	41.83	1.055e3	1.246e3	1.240	1.33	NO	10.291	16.291
2	1. PCB-131/133	42.16	42.14	1.110e3	8.595e2	1.240	1.23	NO	6.8626	6.8626
3	1. PCB-146/165	42.56	42.55	8.037e3	6.516e3	1.240	1.23	NO	39.190	39.190
4	1. PCB-132/161	42.80	42.82	1.130e4	8.552e3	1.240	1.32	NO	52.715	52.715
5	1. PCB-153	42.99	42.97	5.084e4	4.132e4	1.240	1.23	NO	236.49	236.49
6	1. PCB-141	43.73	43.73	7.332e3	6.185e3	1.240	1.19	NO	42.966	42.966
7	1. PCB-137	44.13	44.13	1.968e3	1.605e3	1.240	1.23	NO	11.187	11.187
8	1. PCB-130	44.22	44.24	3.079e3	2.856e3	1.240	1.08	NO	21.945	21.945



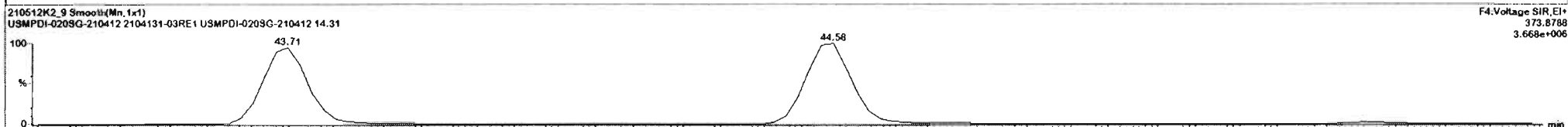
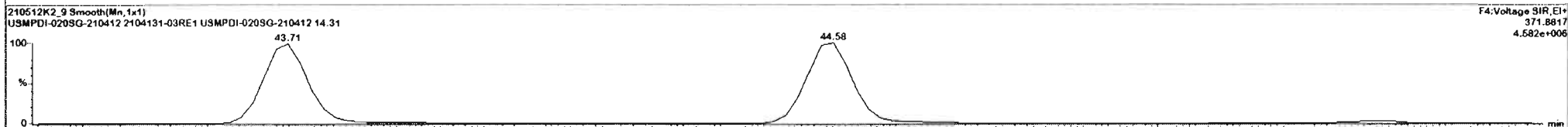
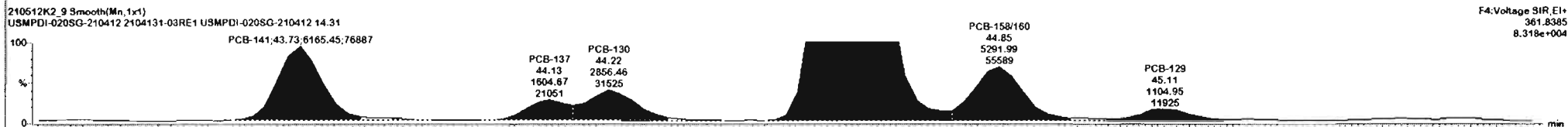
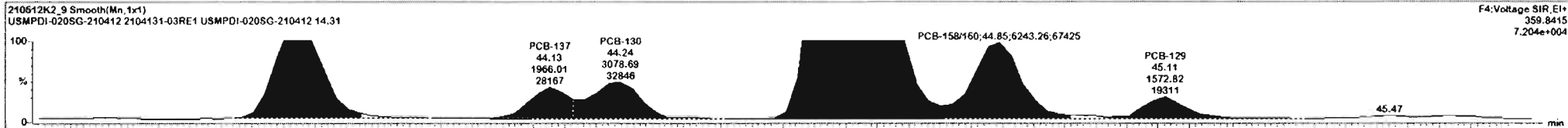
Ready

210512K2_9 CAP INUM

210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14.31 - USMPDI-020SG-210412

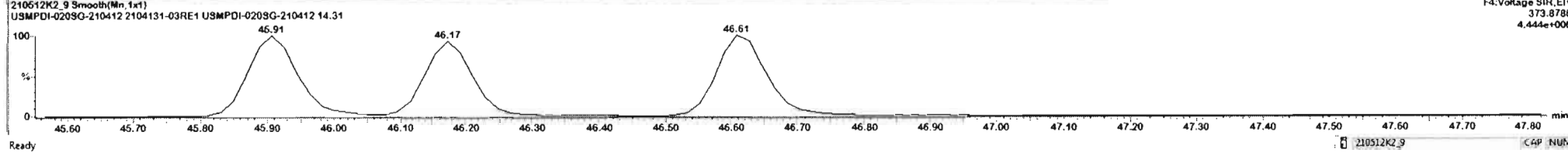
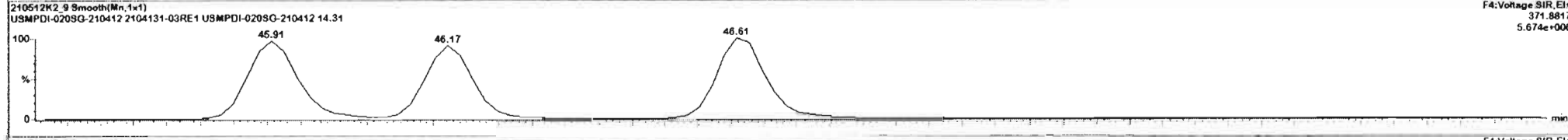
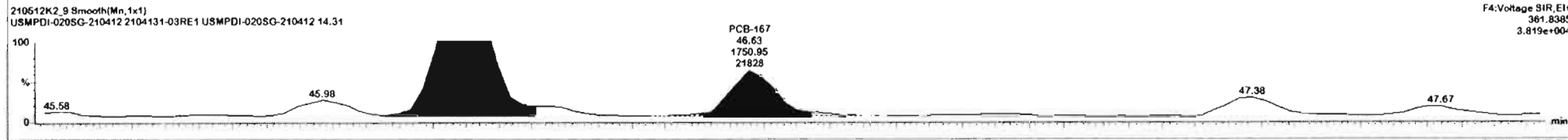
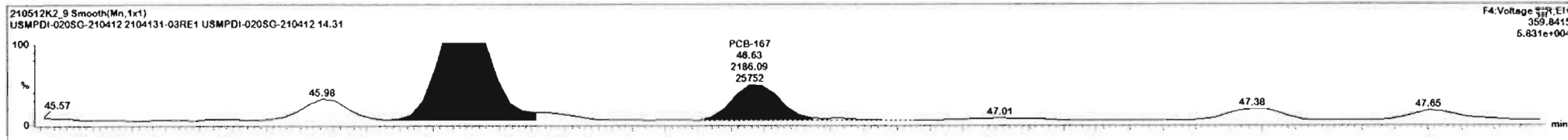
#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R...	RRT	RRT Fall	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	5.021	0.00		0.000		NO	81.90		3.37	84.36
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.000		NO	290.3		2.13	298.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1. PCB-134/143	41.81	41.83	1.859e3	1.240e3	1.240	1.33	NO	10.291	10.291
2	1. PCB-131/133	42.16	42.14	1.110e3	8.599e2	1.240	1.23	NO	6.6526	6.6526
3	1. PCB-146/165	42.56	42.55	8.037e3	6.518e3	1.240	1.23	NO	39.190	39.190
4	1. PCB-132/161	42.80	42.82	1.130e4	8.558e3	1.240	1.32	NO	52.715	52.715
5	1. PCB-153	42.99	42.97	5.084e4	4.133e4	1.240	1.23	NO	236.49	236.49
6	1. PCB-141	43.73	43.73	7.332e3	6.165e3	1.240	1.18	NO	42.966	42.966
7	1. PCB-137	44.13	44.13	1.966e3	1.605e3	1.240	1.23	NO	11.187	11.187
8	1. PCB-130	44.22	44.24	3.079e3	2.856e3	1.240	1.08	NO	21.945	21.945



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	5.021	0.00		0.000		NO	81.90		3.37	84.38
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.000		NO	290.3		2.13	298.6

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1. PCB-134/143	41.84	41.83	1.259e3	1.242e3	1.240	1.33	NO	10.291	10.291
2	1. PCB-121/123	42.12	42.14	1.110e3	8.399e2	1.240	1.23	NO	6.8526	6.8526
3	1. PCB-146/155	42.56	42.55	8.037e3	6.512e3	1.240	1.23	NO	39.190	39.190
4	1. PCB-132/161	42.80	42.82	1.130e4	8.558e3	1.240	1.32	NO	52.715	52.715
5	1. PCB-153	42.99	42.97	5.084e4	4.131e4	1.240	1.23	NO	236.49	236.49
6	1. PCB-141	43.73	43.73	7.332e3	6.165e3	1.240	1.19	NO	42.966	42.966
7	1. PCB-137	44.13	44.12	1.966e3	1.605e3	1.240	1.23	NO	11.187	11.187
8	1. PCB-130	44.22	44.24	3.079e3	2.852e3	1.240	1.08	NO	21.945	21.945



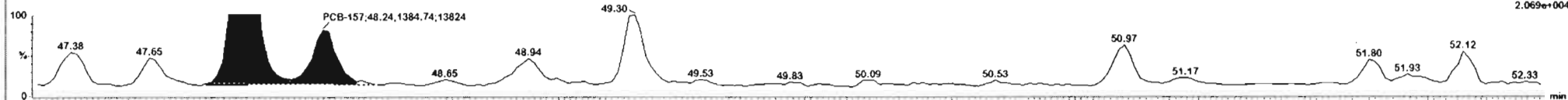
210512K2_9_2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.6512	5.021	0.00		0.000		NO	81.90		3.37	84.38
231	231 3rd Function Hexa-PCBs				0.7910	5.021	0.00		0.000		NO	290.3		2.13	295.5

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Rate (Prec)	RA	n/y	EMPC	Conc.
1	1... PCB-134/143	41.84	41.83	1.059e3	1.248e3	1.240	1.23	NO	10.251	10.291
2	1... PCB-131/133	42.16	42.14	1.110e3	8.999e2	1.240	1.23	NO	6.6526	6.6526
3	1... PCB-146/155	42.94	42.88	8.037e3	8.516e3	1.240	1.23	NO	39.190	39.190
4	1... PCB-132/161	42.80	42.82	1.130e4	8.558e3	1.240	1.23	NO	52.715	52.715
5	1... PCB-153	42.99	42.97	5.084e4	4.193e4	1.240	1.23	NO	236.49	236.49
6	1... PCB-141	43.73	43.73	7.332e3	6.165e3	1.240	1.19	NO	42.966	42.966
7	1... PCB-137	44.13	44.13	1.966e3	1.005e3	1.240	1.23	NO	11.187	11.187
8	1... PCB-130	44.22	44.24	3.079e3	2.856e3	1.240	1.08	NO	21.945	21.945

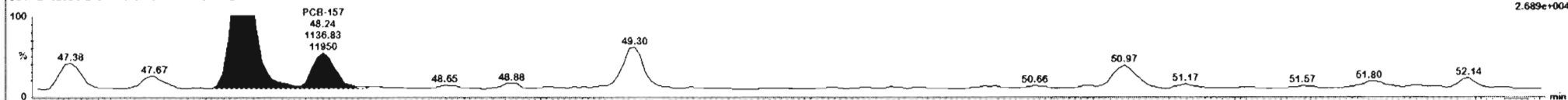
210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



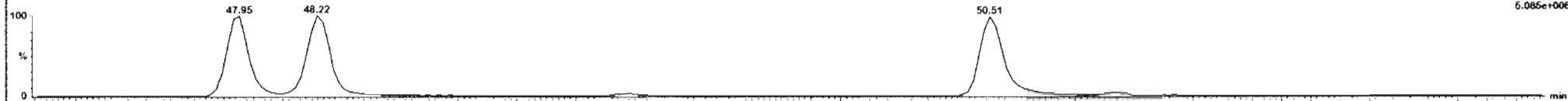
210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



210512K2_9 Smooth(Mn, 1x1)

USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



Ready

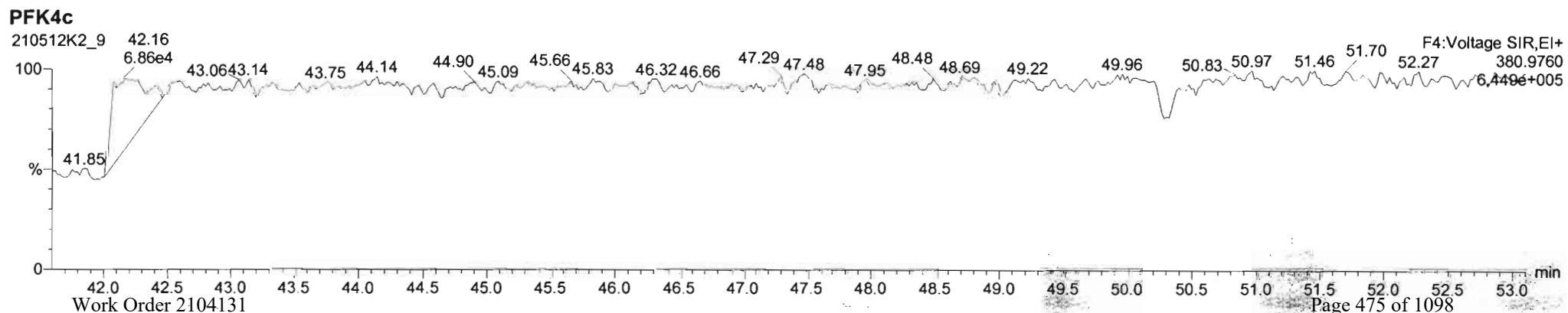
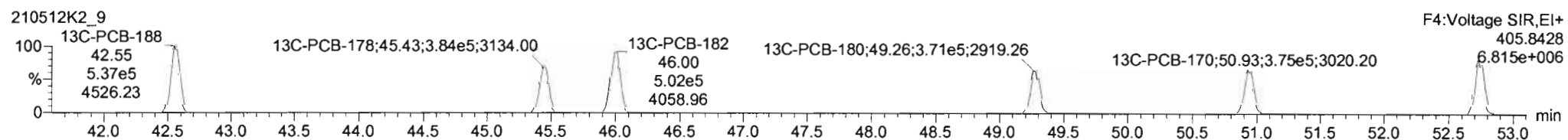
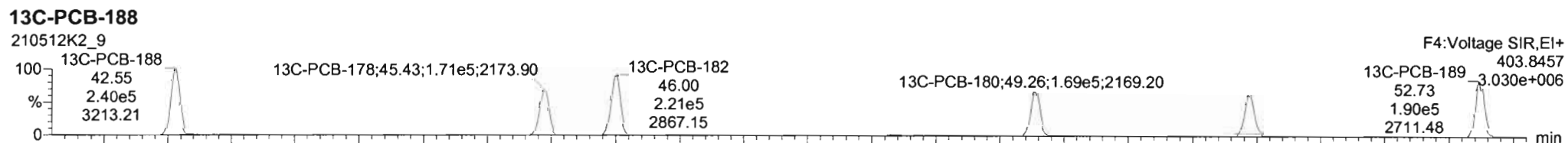
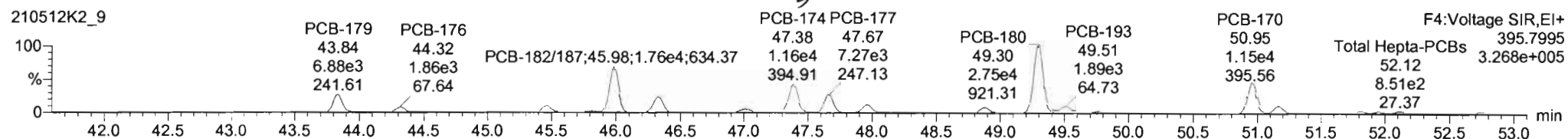
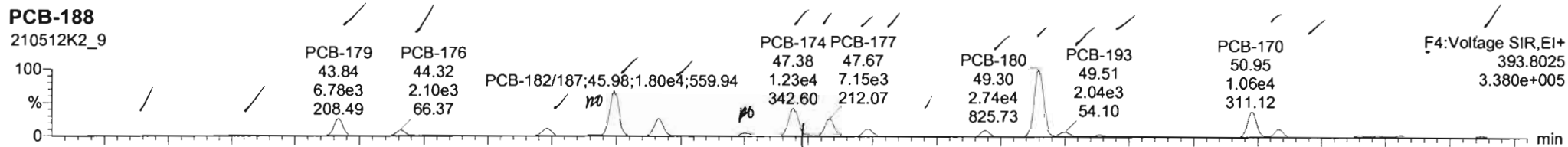
210512K2_9

CAP NUM

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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412

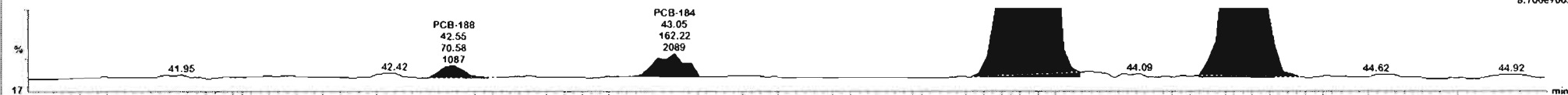


#	Name	Resp	RA	n/y	RRF	w/wet	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hapln-PCBs				1.2043	5.021	0.00		0.000		NO	599.9		7.67	609.2
234	234 4th Function Octa-PCBs				0.8605	5.021	0.00		0.000		NO	118.7		2.19	119.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc
1	1... PCB-186	42.59	42.55	7.058e1	6.831e1	1.050	1.03	NO	0.36448	0.30949
2	1... PCB-184	43.03	42.05	1.822e2	1.648e2	1.050	0.98	NO	0.73505	0.73505
3	1... PCB-178	43.83	43.84	6.830e3	6.983e3	1.050	0.99	NO	32.697	32.697
4	1... PCB-176	44.32	44.31	2.116e3	1.848e3	1.050	1.14	NO	9.1247	9.1247
5	1... PCB-175	45.47	45.47	2.955e3	2.542e3	1.050	1.16	NO	16.976	16.976
6	1... PCB-175	45.83	45.81	3.911e2	4.740e2	1.950	0.83	YES	2.2940	0.00000
7	1... PCB-182/187	46.00	45.95	1.813e4	1.785e4	1.050	1.03	NO	97.329	97.329
8	1... PCB-183	46.32	46.32	7.042e3	6.548e3	1.050	1.08	NO	36.259	36.259

210512K2_9 Smooth(Mn, 1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31

F4: Voltage SIR, El+
393.8025
8.706e+003



210512K2_9 Smooth(Mn, 1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31

F4: Voltage SIR, El+
395.7995
6.312e+003



210512K2_9 Smooth(Mn, 1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31

F4: Voltage SIR, El+
403.8457
3.030e+006



210512K2_9 Smooth(Mn, 1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31

F4: Voltage SIR, El+
405.8428
6.815e+006



Ready

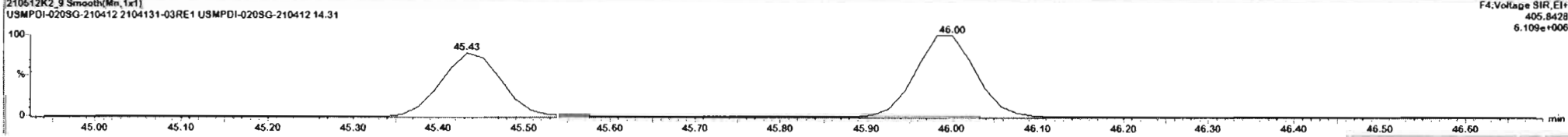
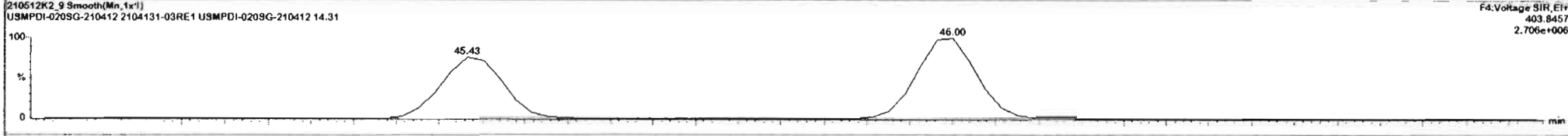
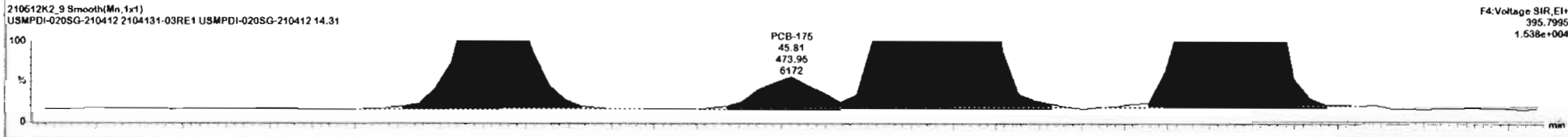
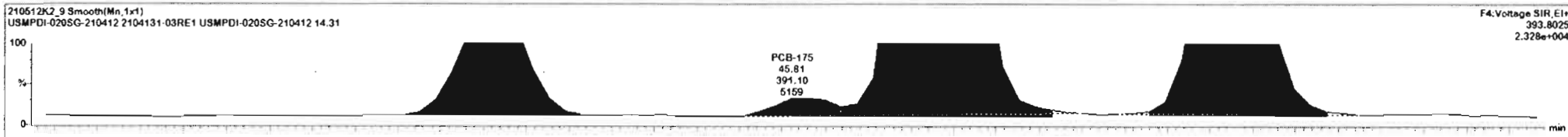
210512K2_9

CAP NUM

210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	w/wvt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.021	9.00		9.000		NO	589.9	7.87	609.2	
234	234 4th Function Octa-PCBs				0.8605	5.021	9.00		9.000		NO	118.1	2.19	119.5	

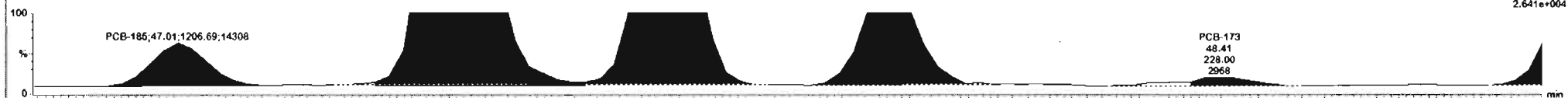
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Prec)	RA	n/y	EMPC	Conc.
1	1 PCB-138	42.59	42.55	7.056e1	6.831e1	1.050	1.03	NO	9.30948	0.30949
2	1 PCB-134	43.32	43.05	1.822e2	1.848e2	1.040	0.98	NO	5.73805	0.73805
3	1 PCB-179	47.93	43.84	6.830e3	6.882e3	1.050	0.99	NO	32.697	32.697
4	1 PCB-175	44.32	44.31	2.118e3	1.848e3	1.050	1.14	NO	9.1247	9.1247
5	1 PCB-178	45.47	45.47	2.958e3	2.543e3	1.050	1.16	NO	16.976	16.976
6	1 PCB-175	45.82	45.81	3.911e4	4.740e2	1.050	0.83	YES	2.2940	0.00000
7	1 PCB-182/187	46.00	45.98	1.613e4	1.765e4	1.050	1.03	NO	97.329	97.329
8	1 PCB-183	46.32	46.32	7.052e3	6.548e3	1.050	1.08	NO	38.289	38.289



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	223 Total Hapta-PCBs				1.2043	5.021	0.00		0.000		NO	569.9		7.67	609.2
234	224 4th Function Octa-PCBs				0.8595	5.021	0.00		0.000		NO	116.3		2.19	119.5

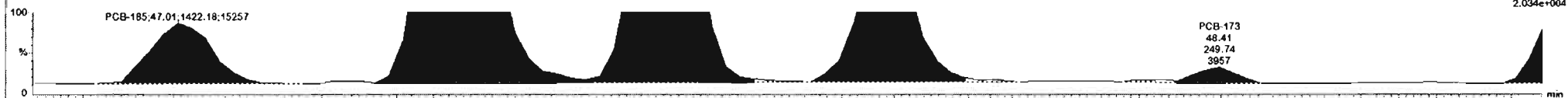
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
14	145 PCB-173	48.35	48.41	2.280e2	2.197e2	1.050	0.91	NO	1.5515	1.6515
15	146 PCB-172	48.87	48.82	2.158e3	2.102e3	1.050	1.05	NO	12.623	12.623
16	148 PCB-180	49.28	49.30	2.742e4	2.749e4	1.050	1.00	NO	155.74	155.74
17	149 PCB-193	49.49	49.51	2.045e3	1.871e3	1.050	1.09	NO	9.8214	9.8214
18	150 PCB-191	49.75	49.77	5.701e2	5.607e2	1.050	1.05	NO	2.7226	2.7226
19	151 PCB-170	50.95	50.95	1.052e4	1.151e4	1.050	0.92	NO	66.927	66.927
20	152 PCB-190	51.15	51.17	2.992e3	2.840e3	1.050	1.05	NO	13.492	13.492
21	153 PCB-189	52.75	52.75	5.709e2	5.490e2	1.050	1.04	NO	2.8322	2.8322

210512K2_9 Smooth(Mn,1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



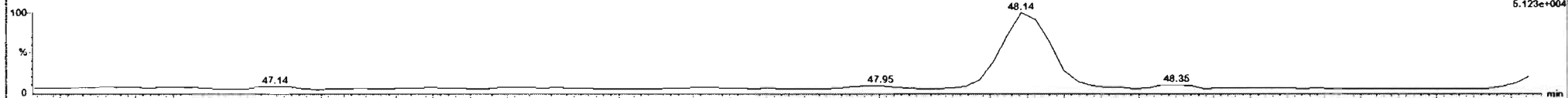
F4:Voltage SIR,El+
393.8025
2.641e+004

210512K2_9 Smooth(Mn,1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



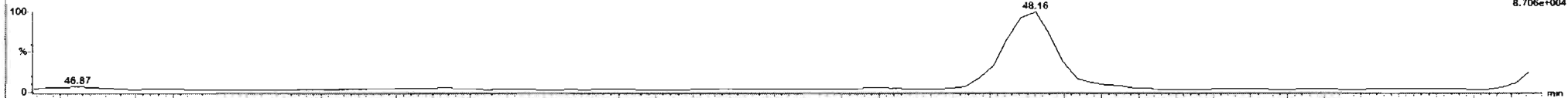
F4:Voltage SIR,El+
395.7995
2.034e+004

210512K2_9 Smooth(Mn,1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4:Voltage SIR,El+
403.8457
5.123e+004

210512K2_9 Smooth(Mn,1x1)
USMPDI-020SG-210412 2104131-03RE1 USMPDI-020SG-210412 14.31



F4:Voltage SIR,El+
405.8428
8.706e+004

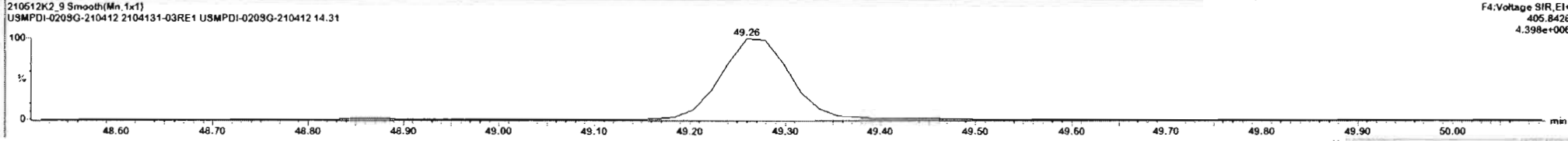
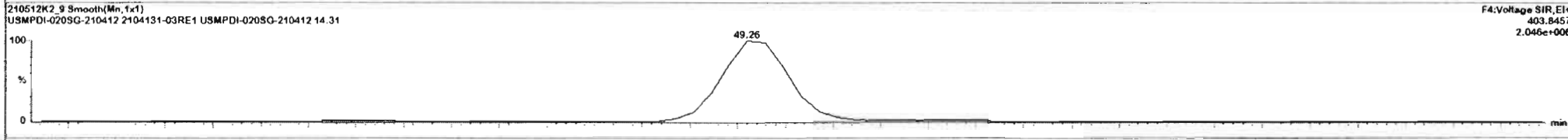
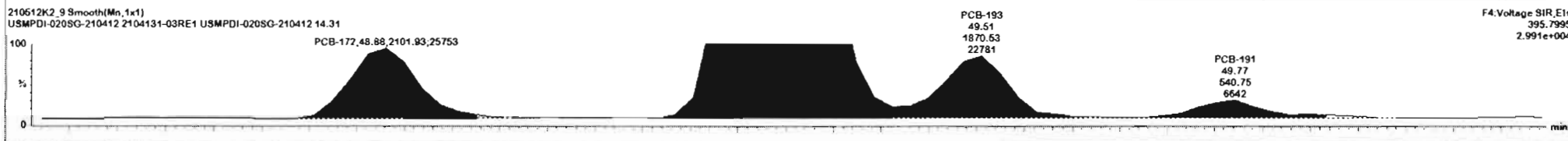
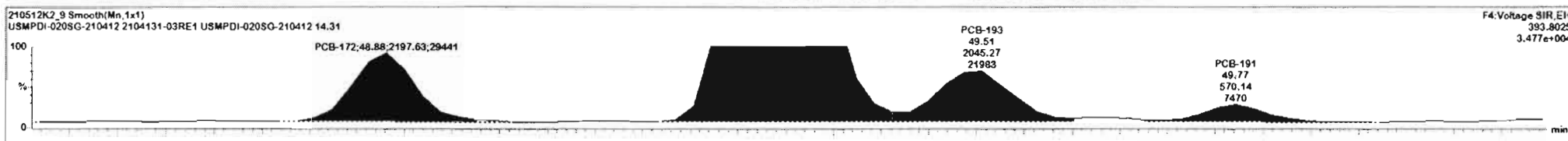
Ready

210512K2_9

CAP NUM

#	Name	Resp	RA	ny	RRF	wl/vol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.021	9.00		0.000		NO	599.9		7.67	699.2
234	234 4th Function Octa-PCBs				0.8605	5.021	9.00		0.000		NO	116.3		2.19	119.5

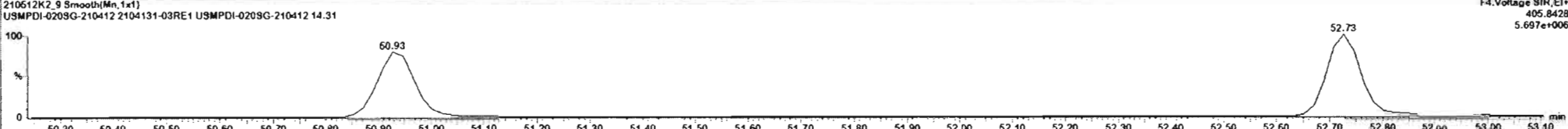
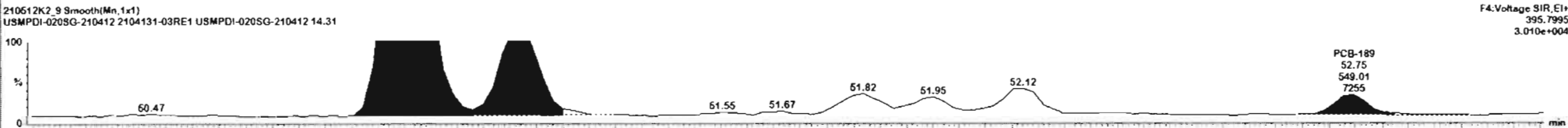
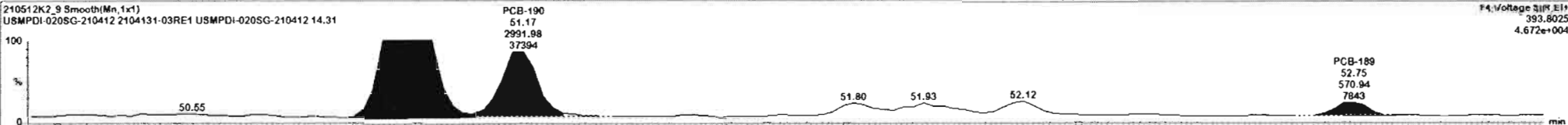
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	ny	EMPC	Conc.
1	1. PCB-183	42.59	42.55	7.058e1	6.831e1	1.050	1.03	NO	0.30949	0.30949
2	1. PCB-184	43.03	43.05	1.622e2	1.648e2	1.050	0.98	NO	0.73506	0.73506
3	1. PCB-179	43.83	43.94	6.830e3	6.882e3	1.050	0.99	NO	32.697	32.697
4	1. PCB-176	44.32	44.31	2.116e3	1.848e3	1.050	1.14	NO	9.1247	9.1247
5	1. PCB-175	45.47	45.47	2.956e3	2.542e3	1.050	1.16	NO	16.976	16.976
6	1. PCB-175	45.83	45.81	3.911e2	4.740e2	1.050	0.83	YES	2.29e0	0.00000
7	1. PCB-182/187	46.00	45.98	1.613e4	1.765e4	1.050	1.03	NO	97.326	97.326
8	1. PCB-193	46.32	46.32	7.052e3	6.548e3	1.050	1.08	NO	36.268	36.268



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 USMPDI-020SG-210412

#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.2043	5.021	9.00		9.000		NO	599.9		7.87	899.2
234	234 4th Function Octa-PCBs				0.8605	6.021	9.00		9.000		NO	118.3		2.19	119.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Prec)	RA	n/y	EMPC	Conc
1	1. PCB-188	42.59	42.55	7.056e1	6.831e1	1.050	1.03	NO	0.30649	0.32949
2	1. PCB-184	43.23	43.25	1.822e2	1.648e2	1.050	0.98	NO	0.73505	0.73505
3	1. PCB-179	43.87	43.84	6.030e3	6.847e3	1.050	0.99	NO	32.697	32.697
4	1. PCB-176	44.33	44.31	2.116e3	1.948e3	1.050	1.14	NO	9.1247	9.1247
5	1. PCB-175	45.47	45.47	2.956e2	2.542e3	1.050	1.16	NO	16.976	16.976
6	1. PCB-175	45.83	45.81	3.911e2	4.740e2	1.050	0.82	YES	2.2940	0.00000
7	1. PCB-182/187	46.00	45.98	1.613e4	1.765e4	1.050	1.03	NO	97.329	97.329
8	1. PCB-183	46.32	46.32	7.052e3	6.548e3	1.050	1.08	NO	38.289	38.289

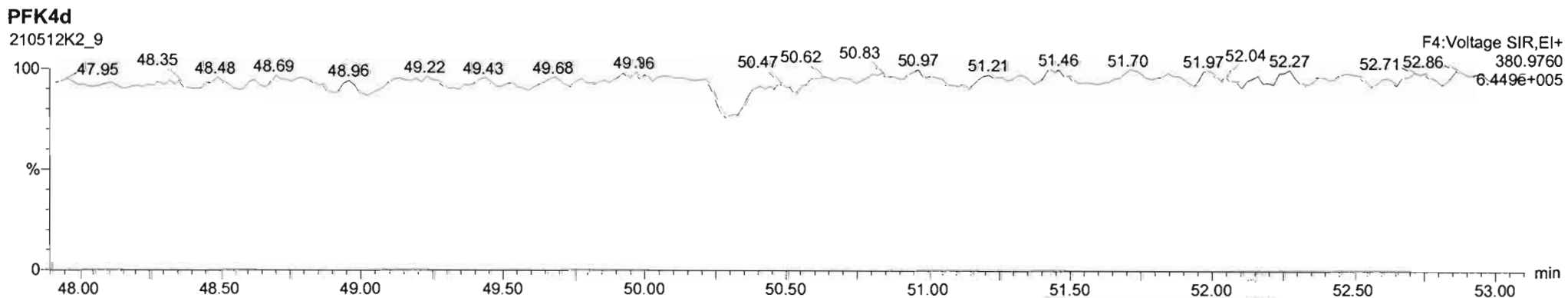
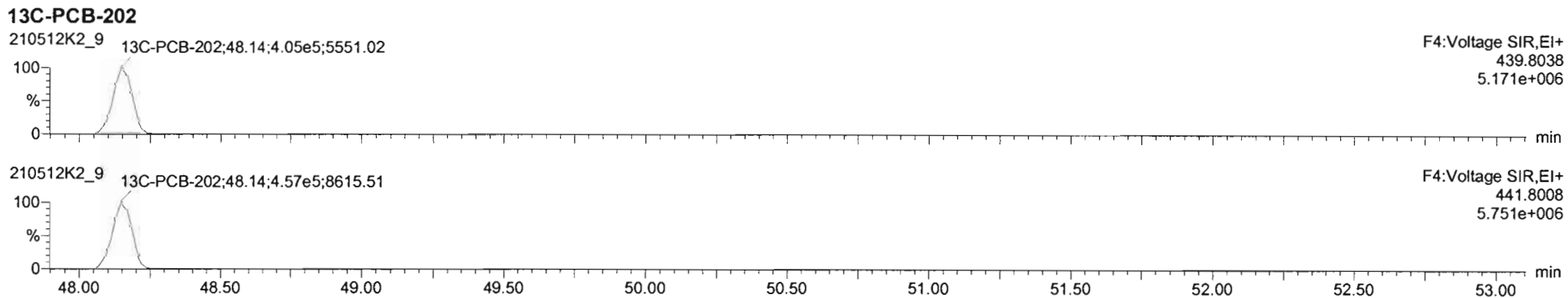
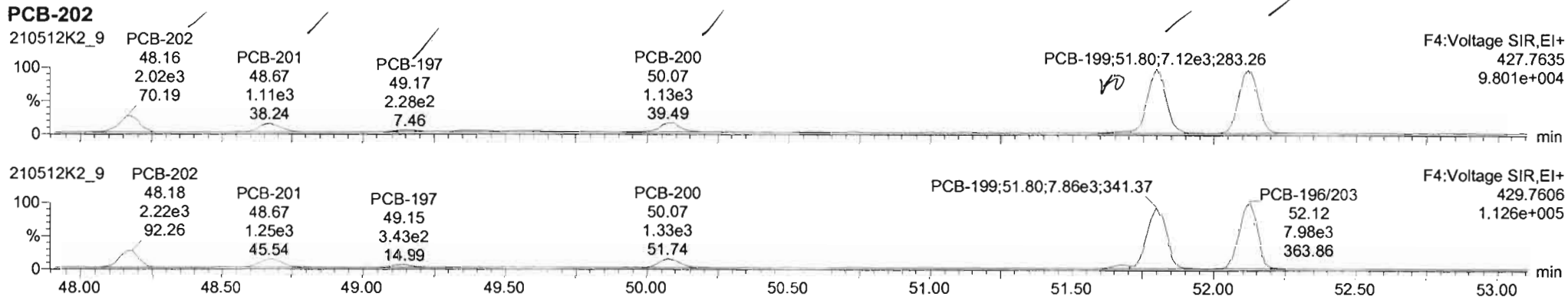


Ready 210512K2_9 CAP NUM

Dataset: Untitled

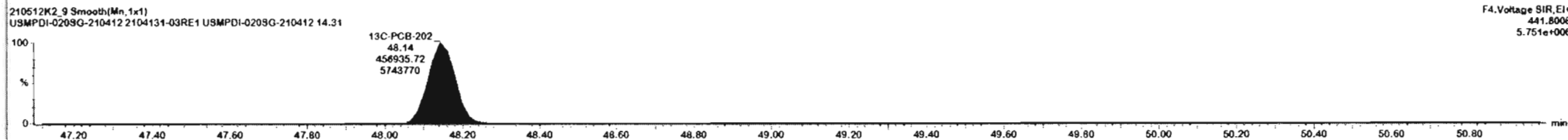
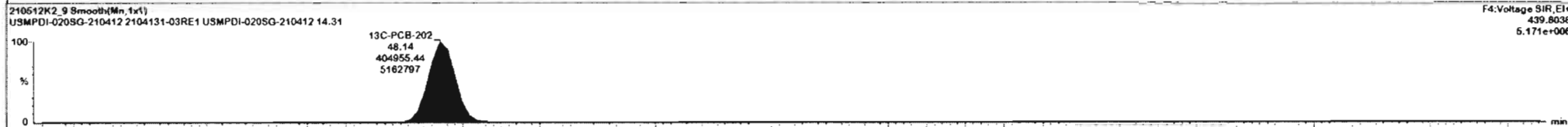
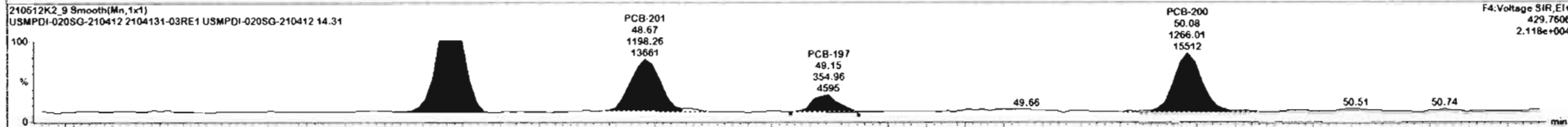
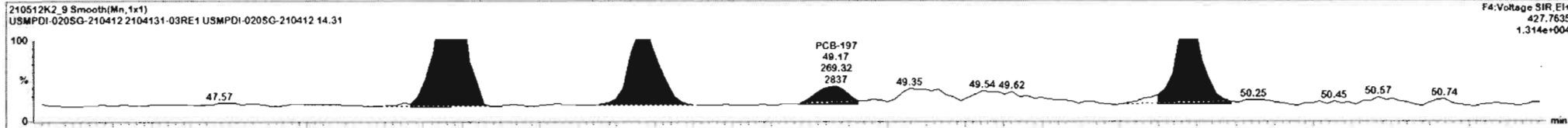
Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
 Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



#	Name	Resp	RA	n/y	RRF	wf/wf	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				0.8605	5.021	0.00		0.000		NO	118.3		2.19	119.5
235	235 5th Function Octa-PCBs				1.0957	5.021	0.00		0.000		NO	37.09		1.62	49.48

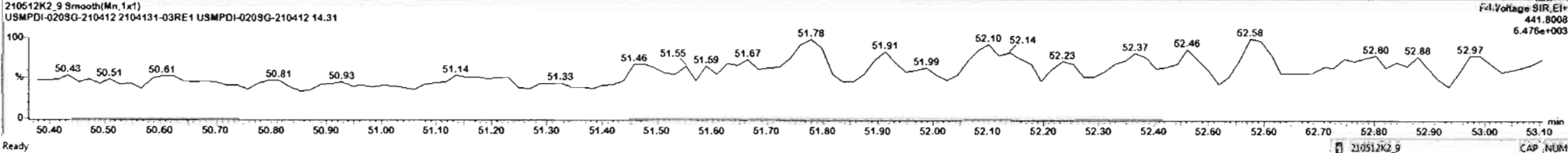
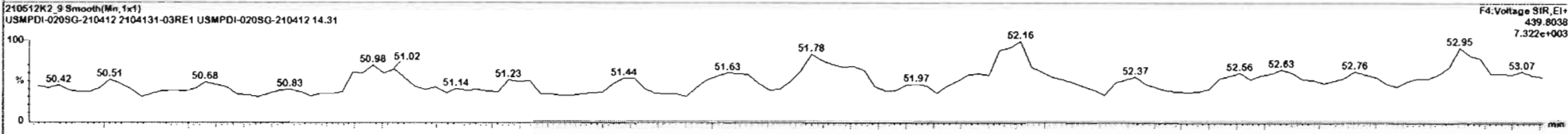
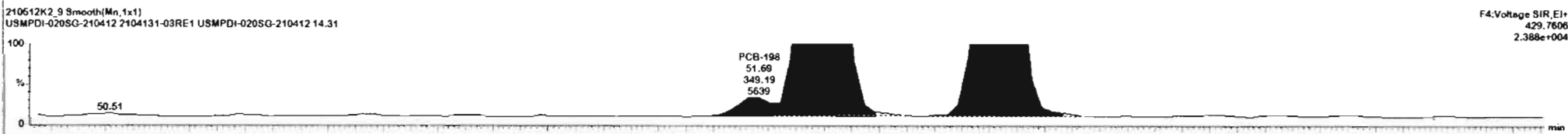
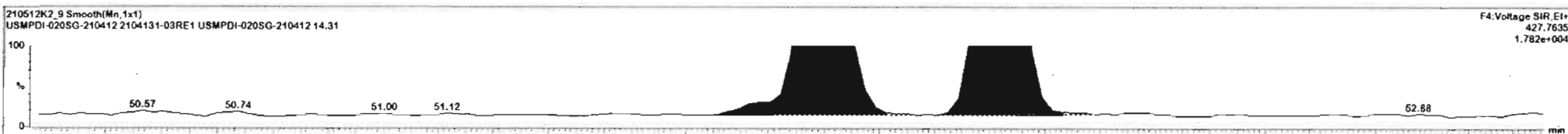
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc
1	154 PCB-202	40.12	46.15	2.012e3	2.223e3	0.890	0.91	NO	5.8340	5.8040
2	155 PCB-201	42.67	42.67	1.125e3	1.198e3	0.890	0.94	NO	5.9418	5.9418
3	157 PCB-197	49.15	49.17	2.693e2	3.559e2	0.890	0.76	NO	1.4968	1.4968
4	158 PCB-200	50.07	50.08	1.138e3	1.266e3	0.890	0.90	NO	6.0983	6.0983
5	159 PCB-198	51.70	51.69	1.780e2	3.492e2	0.890	0.51	YES	1.2556	0.00000
6	160 PCB-199	51.84	51.80	7.102e3	7.841e3	0.890	0.91	NO	48.925	48.925
7	161 PCB-196/203	52.14	52.12	7.059e3	7.944e3	0.890	0.89	NO	45.961	45.961



210512K2_9 - 2104131-03RE1 USMPDI-020SG-210412 14 31 - USMPDI-020SG-210412

#	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				1.2043	5.021	0.00		0.000		NO	599.9		7.67	209.2
234	234 4th Function Octa-PCBs				0.8605	5.021	0.00		0.000		NO	118.3		2.19	119.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-202	48.18	48.18	2.012e3	2.220e3	0.890	0.91	NO	9.2310	9.8340
2	1 PCB-201	48.87	48.67	1.125e3	1.188e3	0.890	0.84	NO	5.9418	5.9418
3	1 PCB-197	49.15	49.17	2.693e2	3.550e2	0.890	0.76	NO	1.4968	1.4968
4	1 PCB-200	50.07	50.08	1.133e3	1.268e3	0.890	0.90	NO	6.0983	6.0983
5	1 PCB-195	51.70	51.69	1.780e2	3.492e2	0.890	0.51	YES	1.2556	0.00000
6	1 PCB-199	51.84	51.80	7.102e3	7.841e3	0.890	0.91	NO	46.925	48.925
7	1 PCB-196/203	52.14	52.12	7.059e3	7.944e3	0.890	0.88	NO	45.961	45.961

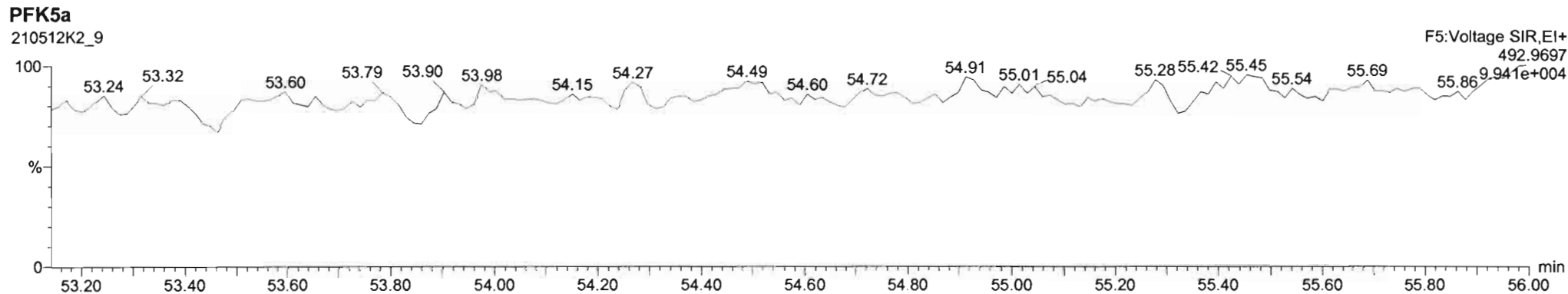
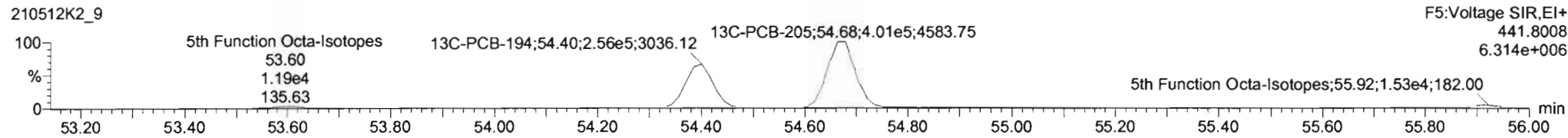
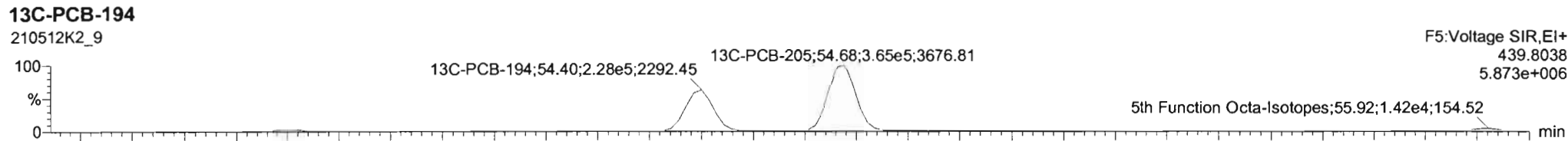
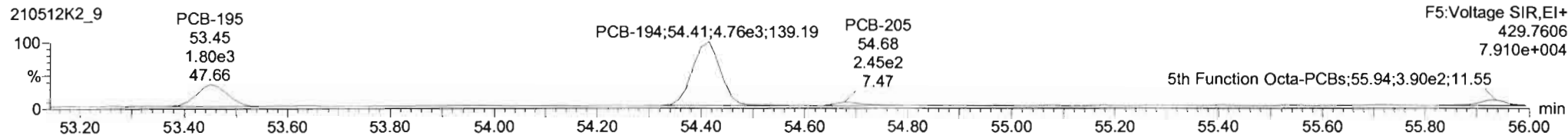
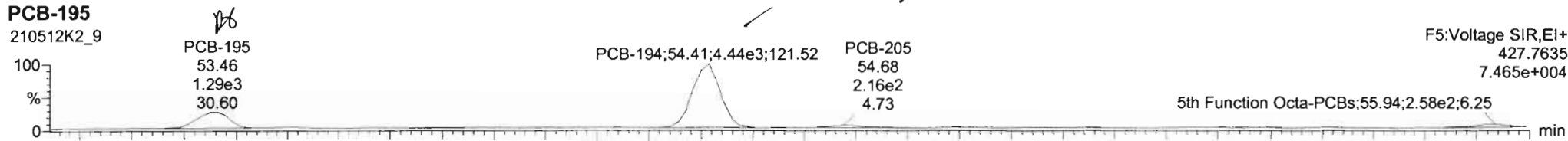


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Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

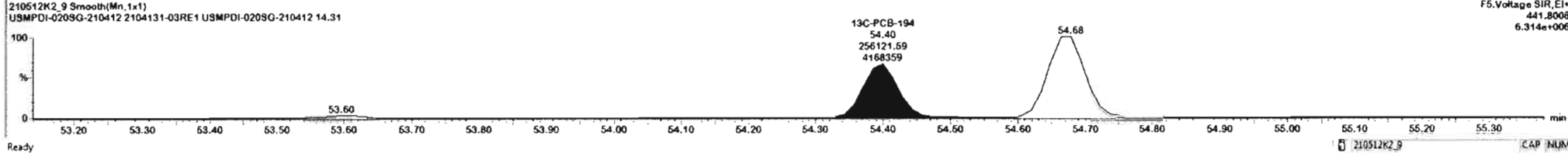
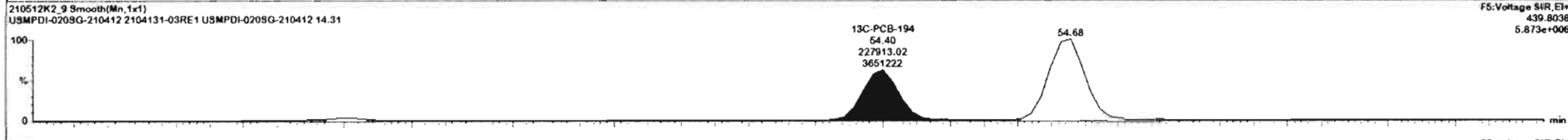
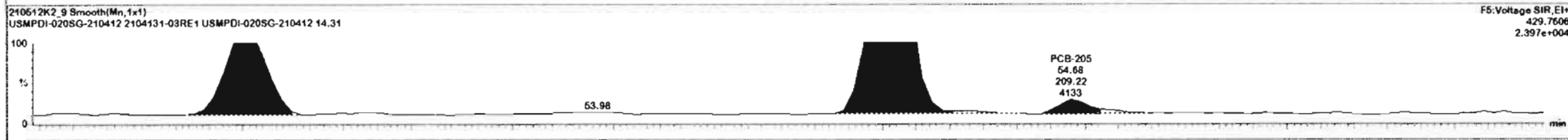
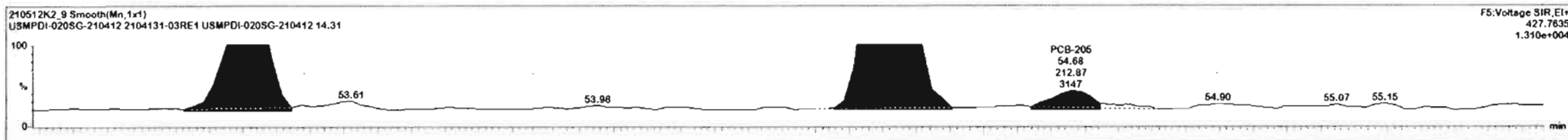
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233	Total Hepta-PCBs			1.2043	5.021	0.00		0.000		NO	599.9		7.67	809.2
234	234	4th Function Octa-PCBs			0.8695	5.021	0.00		0.000		NO	116.3		2.19	119.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Prec)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.47	53.48	1.358e3	1.802e3	0.890	0.75	YES	12.363	0.00000
2	163 PCB-194	54.42	54.42	4.466e3	4.721e3	0.890	0.95	NO	35.717	35.717
3	164 PCB-205	54.67	54.68	2.129e2	2.092e2	0.890	1.02	NO	1.7686	1.7686

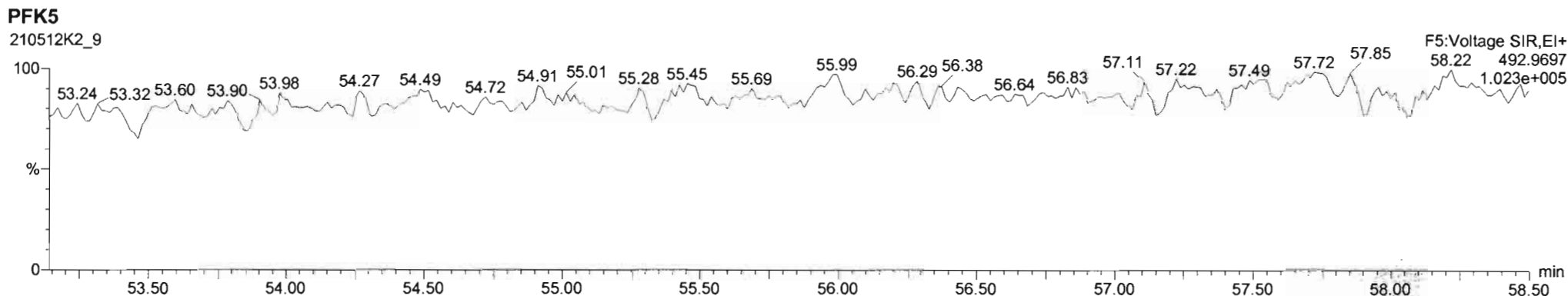
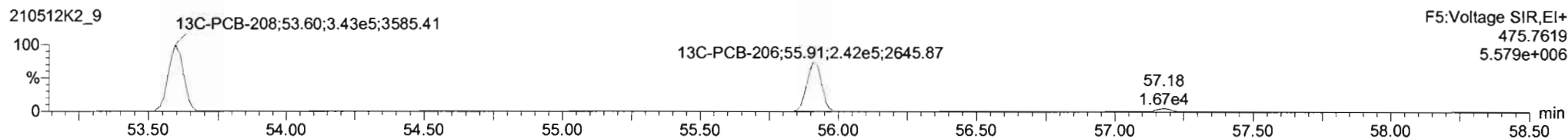
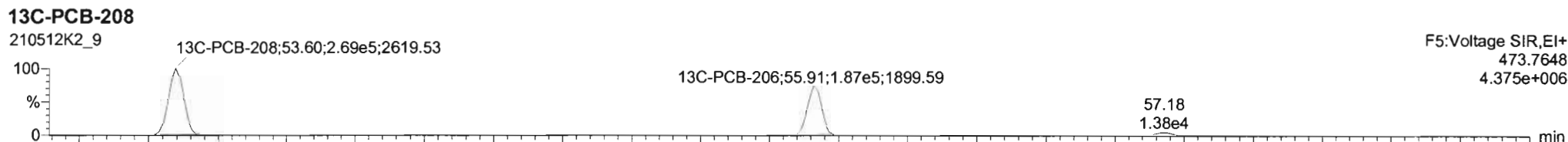
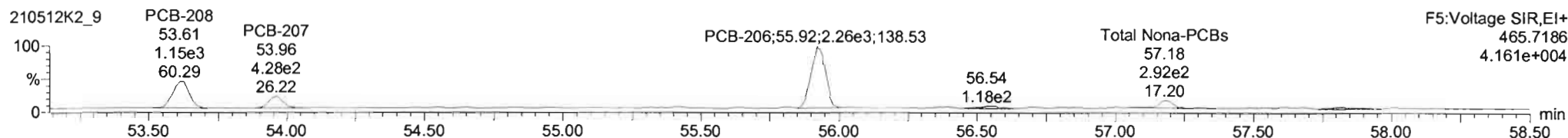
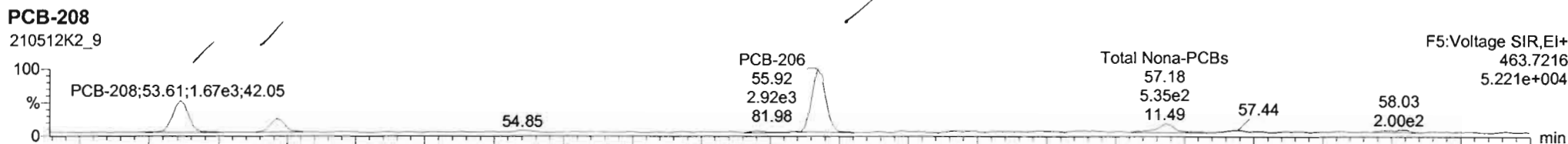


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Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

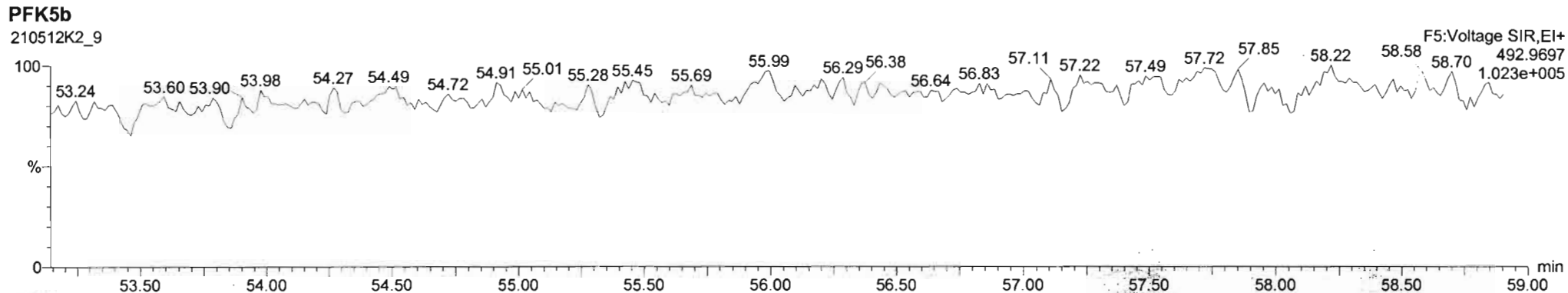
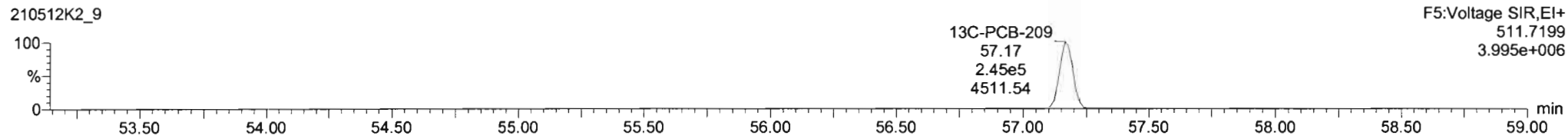
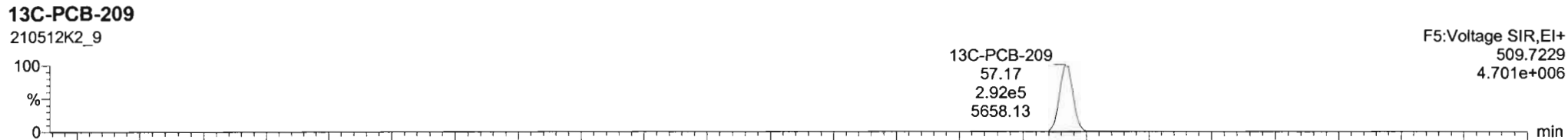
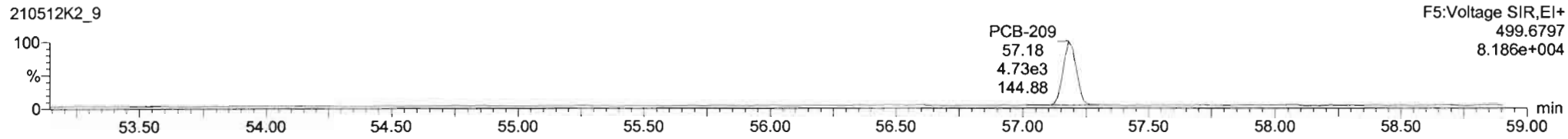
Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time
Printed: Thursday, May 13, 2021 7:52:06 AM Pacific Daylight Time

Name: 210512K2_9, Date: 12-May-2021, Time: 19:59:18, ID: 2104131-03RE1 USMPDI-020SG-210412 14.31, Description: USMPDI-020SG-210412



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST210421R2_1

Reviewed By: HW 4.76.2021

Initials & Date

End Calibration ID: ~~ST210421R2-1~~

ST210421R2-2

HN 04/30/21

Ion abundance within QC limits? **Beg.** **End**

Concentrations within criteria? **Beg.** **End**

TCDD/TCDF Valleys <25% **Beg.** **End**

First and last eluters present? **Beg.** **End**

Retention Times within criteria? **Beg.** **End**

Verification Std. named correctly? **Beg.** **End**

(ST-Year-Month-Day-VG ID)

Forms signed and dated? **Beg.** **End**

Correct ICAL referenced? HN HN

Run Log:

- Correct instrument listed? **Beg.** **End**

- Samples within 12 hour clock? **Beg.** **End**

- Bottle position verified? HN N

Mass resolution \geq

5k 6-8K 8K 10K

1614 1699 429 1613/1668/8280

Intergrated peaks display correctly? **Beg.** **End**

GC Break <20% NA

8280 CS1 End Standard:

- Ratios within limits, S/N <2.5:1, CS1 within 12 hours NA

Comments: Second sequence of the day
 (A) Printer malfunctioned, used resolution check from first sequence as beginning resolution check HN 04/24/21

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_2.qld

Last Altered: Thursday, April 22, 2021 10:23:13 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:24:11 AM Pacific Daylight Time

LIN 04/22/21

HZ 4/26/2021

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

#	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	1.58e4	1.67e5	0.76	NO	0.929	26.80	26.78	NO	1.001	1.001	10.172	102	NO
2	2 1,2,3,7,8-PeCDD	4.75e4	1.13e5	0.62	NO	0.826	31.20	31.18	NO	1.001	1.001	51.078	102	NO
3	3 1,2,3,4,7,8-HxCDD	3.82e4	7.71e4	1.26	NO	0.972	34.53	34.52	NO	1.001	1.000	50.955	102	NO
4	4 1,2,3,6,7,8-HxCDD	3.77e4	8.69e4	1.25	NO	0.877	34.65	34.64	NO	1.001	1.000	49.534	99.1	NO
5	5 1,2,3,7,8,9-HxCDD	3.93e4	8.66e4	1.21	NO	0.874	34.94	34.94	NO	1.000	1.000	51.976	104	NO
6	6 1,2,3,4,6,7,8-HpCDD	2.69e4	6.31e4	1.00	NO	0.899	38.29	38.29	NO	1.000	1.000	47.494	95.0	NO
7	7 OCDD	4.54e4	1.07e5	0.84	NO	0.852	41.37	41.37	NO	1.000	1.000	99.576	99.6	NO
8	8 2,3,7,8-TCDF	1.86e4	2.71e5	0.75	NO	0.747	26.15	26.18	NO	1.000	1.001	9.1925	91.9	NO
9	9 1,2,3,7,8-PeCDF	8.20e4	1.76e5	1.61	NO	0.877	29.98	29.99	NO	1.000	1.001	53.106	106	NO
10	10 2,3,4,7,8-PeCDF	8.20e4	1.70e5	1.58	NO	0.962	31.01	31.00	NO	1.001	1.000	50.066	100	NO
11	11 1,2,3,4,7,8-HxCDF	5.12e4	1.09e5	1.23	NO	0.920	33.58	33.59	NO	1.000	1.001	51.042	102	NO
12	12 1,2,3,6,7,8-HxCDF	5.56e4	1.19e5	1.24	NO	0.936	33.73	33.72	NO	1.001	1.000	49.933	99.9	NO
13	13 2,3,4,6,7,8-HxCDF	4.82e4	9.85e4	1.23	NO	0.973	34.42	34.42	NO	1.001	1.001	50.353	101	NO
14	14 1,2,3,7,8,9-HxCDF	3.99e4	8.56e4	1.31	NO	0.940	35.49	35.49	NO	1.000	1.000	49.610	99.2	NO
15	15 1,2,3,4,6,7,8-HpCDF	3.61e4	6.84e4	1.02	NO	1.05	37.11	37.10	NO	1.000	1.000	50.338	101	NO
16	16 1,2,3,4,7,8,9-HpCDF	2.97e4	5.72e4	0.96	NO	1.05	38.95	38.95	NO	1.000	1.000	49.708	99.4	NO
17	17 OCDF	5.09e4	1.38e5	0.86	NO	0.771	41.69	41.69	NO	1.000	1.000	95.307	95.3	NO
18	18 13C-2,3,7,8-TCDD	1.67e5	1.57e5	0.76	NO	1.10	26.76	26.77	NO	1.027	1.027	96.541	96.5	NO
19	19 13C-1,2,3,7,8-PeCDD	1.13e5	1.57e5	0.61	NO	0.864	31.16	31.17	NO	1.196	1.196	83.302	83.3	NO
20	20 13C-1,2,3,4,7,8-HxCDD	7.71e4	1.13e5	1.28	NO	0.746	34.51	34.51	NO	1.014	1.014	91.474	91.5	NO
21	21 13C-1,2,3,6,7,8-HxCDD	8.69e4	1.13e5	1.31	NO	0.847	34.63	34.63	NO	1.017	1.018	90.834	90.8	NO
22	22 13C-1,2,3,7,8,9-HxCDD	8.66e4	1.13e5	1.25	NO	0.868	34.93	34.93	NO	1.026	1.026	88.340	88.3	NO
23	23 13C-1,2,3,4,6,7,8-HpCDD	6.31e4	1.13e5	1.08	NO	0.664	38.28	38.28	NO	1.125	1.125	84.134	84.1	NO
24	24 13C-OCDD	1.07e5	1.13e5	0.87	NO	0.561	41.23	41.36	NO	1.211	1.215	169.06	84.5	NO
25	25 13C-2,3,7,8-TCDF	2.71e5	2.50e5	0.76	NO	1.09	26.15	26.15	NO	1.003	1.003	98.984	99.0	NO
26	26 13C-1,2,3,7,8-PeCDF	1.76e5	2.50e5	1.60	NO	0.809	29.88	29.98	NO	1.147	1.150	86.906	86.9	NO
27	27 13C-2,3,4,7,8-PeCDF	1.70e5	2.50e5	1.65	NO	0.803	30.85	30.99	NO	1.184	1.189	84.770	84.8	NO
28	28 13C-1,2,3,4,7,8-HxCDF	1.09e5	1.13e5	0.48	NO	1.01	33.58	33.57	NO	0.987	0.986	95.493	95.5	NO
29	29 13C-1,2,3,6,7,8-HxCDF	1.19e5	1.13e5	0.48	NO	1.07	33.71	33.71	NO	0.990	0.990	98.028	98.0	NO
30	30 13C-2,3,4,6,7,8-HxCDF	9.85e4	1.13e5	0.49	NO	0.910	34.40	34.40	NO	1.011	1.011	95.865	95.9	NO
31	31 13C-1,2,3,7,8,9-HxCDF	8.56e4	1.13e5	0.50	NO	0.828	35.48	35.48	NO	1.042	1.042	91.519	91.5	NO

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_2.qld

Last Altered: Thursday, April 22, 2021 10:23:13 AM Pacific Daylight Time

Printed: Thursday, April 22, 2021 10:24:11 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

#	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	6.84e4	1.13e5	0.41	NO	0.661	37.09	37.09	NO	1.090	1.090	91.698	91.7	NO
33	33 13C-1,2,3,4,7,8,9-HpCDF	5.72e4	1.13e5	0.41	NO	0.566	38.85	38.94	NO	1.141	1.144	89.563	89.6	NO
34	34 13C-OCDF	1.38e5	1.13e5	0.85	NO	0.663	41.62	41.68	NO	1.223	1.225	184.93	92.5	NO
35	35 37Cl-2,3,7,8-TCDD	3.07e4	1.57e5			2.07	26.96	26.78	NO	1.035	1.028	9.4755	94.8	NO
36	36 13C-1,2,3,4-TCDD	1.57e5	1.57e5	0.79	NO	1.00	26.07	26.06	NO	1.000	1.000	100.00	100	NO
37	37 13C-1,2,3,4-TCDF	2.50e5	2.50e5	0.78	NO	1.00	24.76	24.74	NO	1.000	1.000	100.00	100	NO
38	38 13C-1,2,3,4,6,9-HxCDF	1.13e5	1.13e5	0.48	NO	1.00	34.04	34.04	NO	1.000	1.000	100.00	100	YES

ok

Dataset: Untitled

Last Altered: Thursday, April 22, 2021 14:18:10 Pacific Daylight Time
Printed: Thursday, April 22, 2021 14:18:27 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

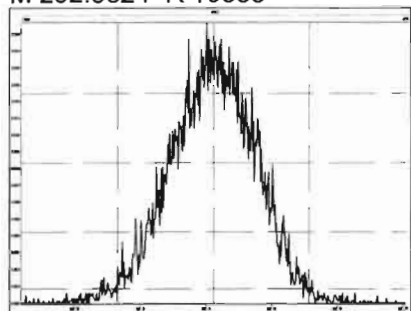
Compound name: 2,3,7,8-TCDD

	Name	ID	Acq.Date	Acq.Time
1	210421R2_1	SOLVENT BLANK	21-Apr-21	21:06:27
2	210421R2_2	ST210421R2_1 1613 CS3 21C0105	21-Apr-21	21:50:43
3	210421R2_3	B1D0142-BS1 OPR 1	21-Apr-21	22:35:00
4	210421R2_4	B1D0125-BS1 OPR 10	21-Apr-21	23:19:15
5	210421R2_5	SOLVENT BLANK	22-Apr-21	00:03:31
6	210421R2_6	B1D0142-BLK1 Method Blank 1	22-Apr-21	00:47:47
7	210421R2_7	B1D0125-BLK1 Method Blank 10	22-Apr-21	01:32:03
8	210421R2_8	2104093-01 PBS23-0-3 11.79	22-Apr-21	02:16:22
9	210421R2_9	2104093-05 PBS24-0-3 11.95	22-Apr-21	03:00:39
10	210421R2_10	2104093-09 PBS25-0-3 12.69	22-Apr-21	03:44:54
11	210421R2_11	2104098-01 Alpha Filter Press 4.11	22-Apr-21	04:29:10
12	210421R2_12	2104098-02 Beta Filter Press 6.23	22-Apr-21	05:13:26
13	210421R2_13	2104129-01 AMW-1-1.0 11.42	22-Apr-21	05:57:43
14	210421R2_14	2104131-01 USMPDI-005SG-210412 14.8	22-Apr-21	06:41:59
15	210421R2_15	2104131-02 USMPDI-017SG-210412 27.86	22-Apr-21	07:26:19
16	210421R2_16	2104131-03 USMPDI-020SG-210412 29.04	22-Apr-21	08:10:37
17	210421R2_17	2104045-01 1005 Bldg Pressed Solids 4.58	22-Apr-21	08:54:54
18	210421R2_18	SOLVENT BLANK	22-Apr-21	09:48:06
19	210421R2_19	ST210421R2_2 1613 CS3 21C0105	22-Apr-21	10:32:22

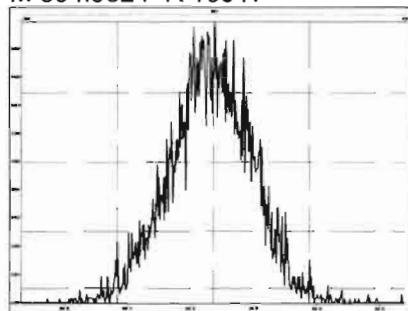
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Wednesday, April 21, 2021 10:53:44 Pacific Daylight Time

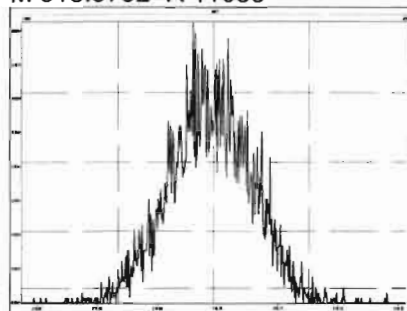
M 292.9824 R 10333



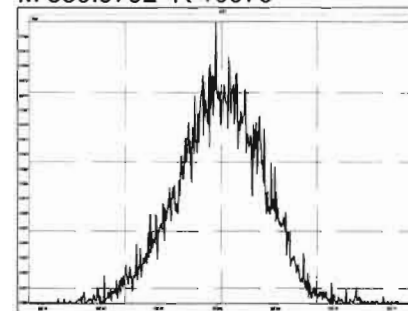
M 304.9824 R 10917



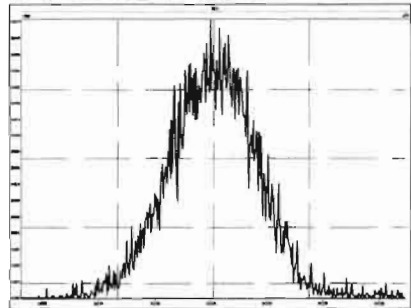
M 318.9792 R 11685



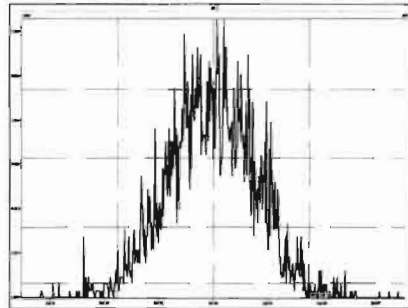
M 330.9792 R 10076



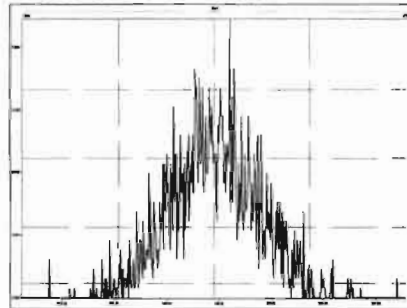
M 342.9792 R 10546



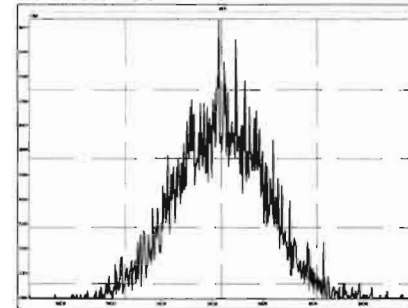
M 354.9792 R 11013



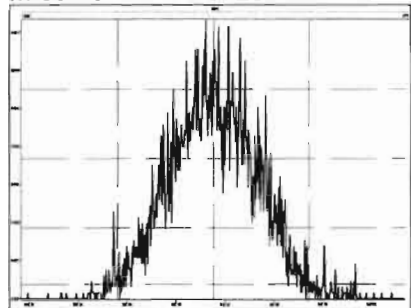
M 366.9792 R 11846



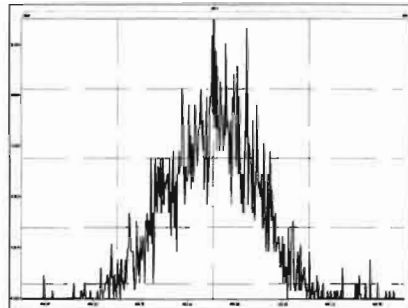
M 380.9760 R 10118



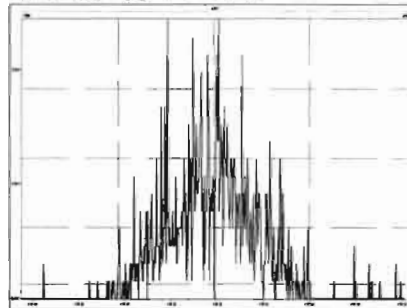
M 392.9760 R 10728



M 404.9760 R 11521

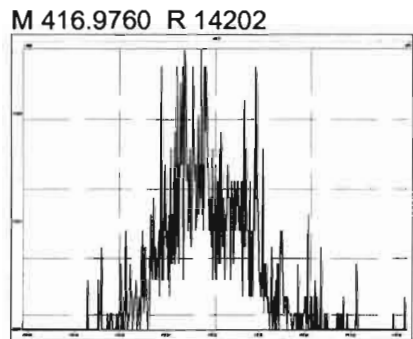
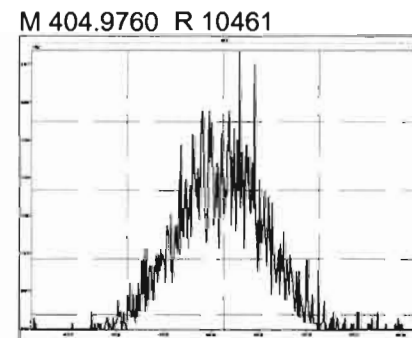
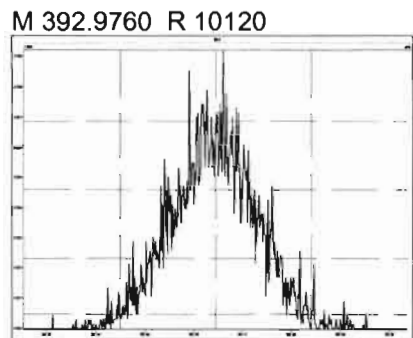
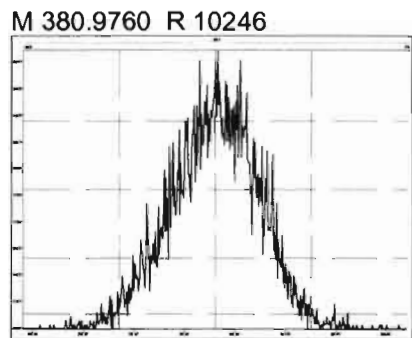
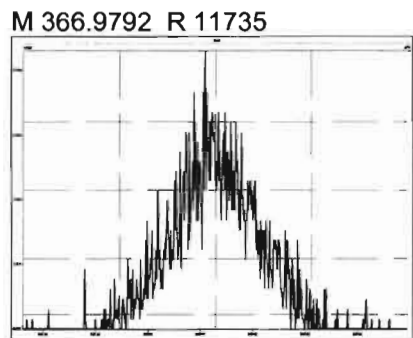
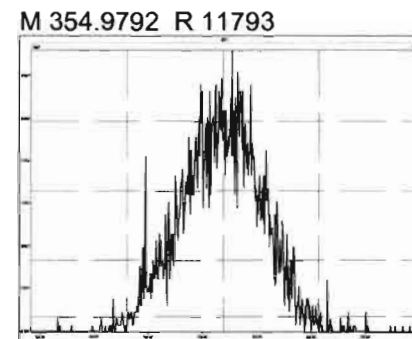
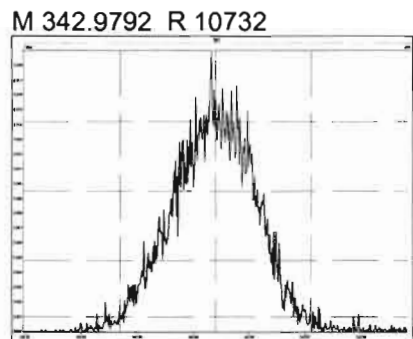
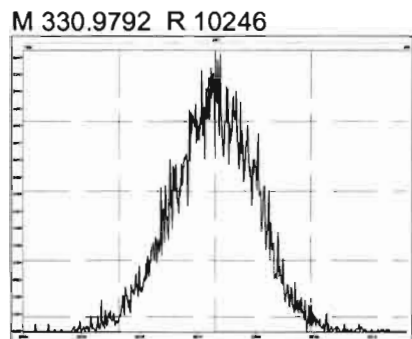
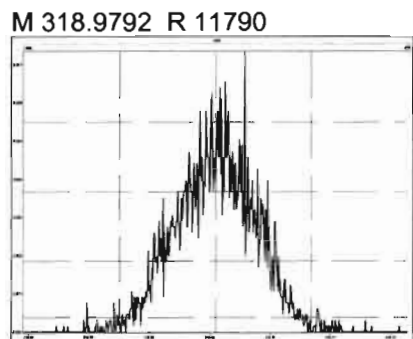


M 416.9760 R 11960



File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

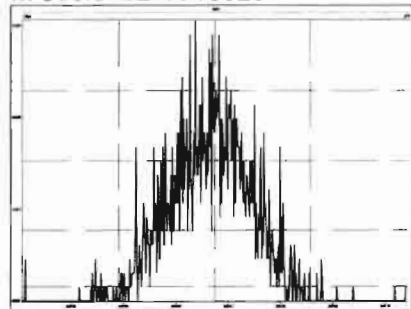
Printed: Wednesday, April 21, 2021 10:54:43 Pacific Daylight Time



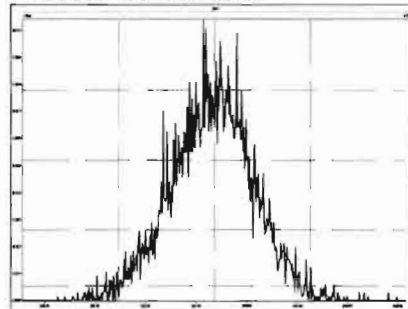
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Wednesday, April 21, 2021 10:55:59 Pacific Daylight Time

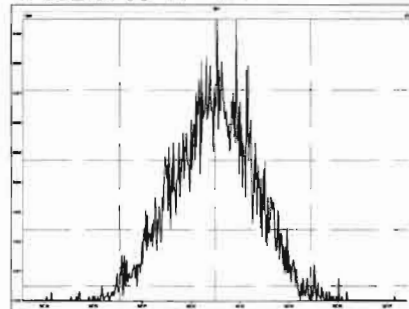
M 366.9792 R 13020



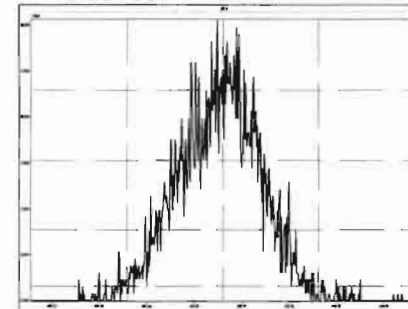
M 380.9760 R 10825



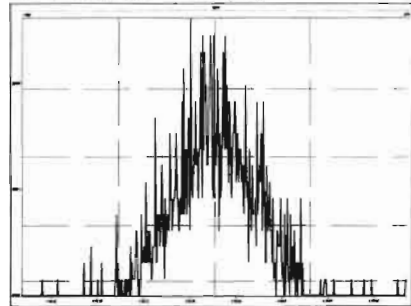
M 392.9760 R 10917



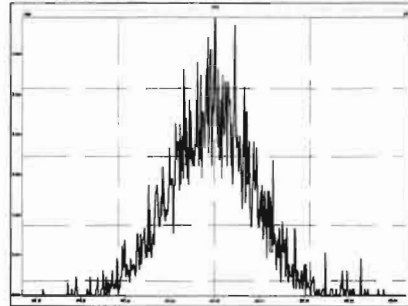
M 404.9760 R 10419



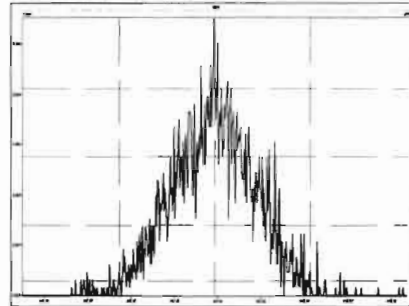
M 416.9760 R 12500



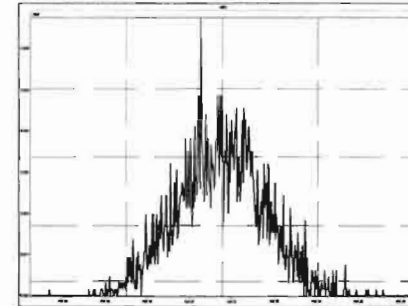
M 430.9728 R 10329



M 442.9728 R 12438



M 454.9728 R 11851



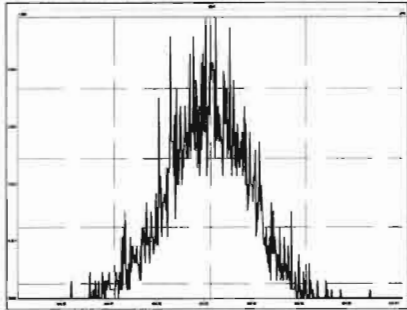
Experiment Calibration Report

MassLynx 4.1 SCN815

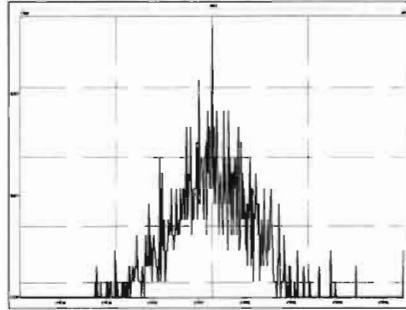
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Printed: Wednesday, April 21, 2021 10:56:50 Pacific Daylight Time

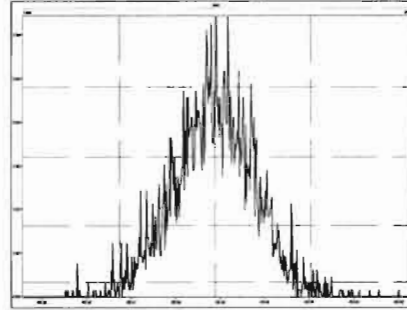
M 404.9760 R 10868



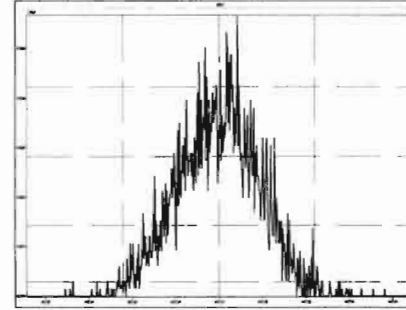
M 416.9760 R 13662



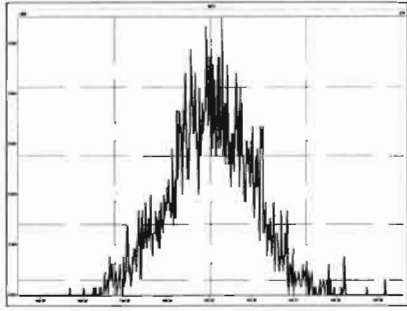
M 430.9728 R 11524



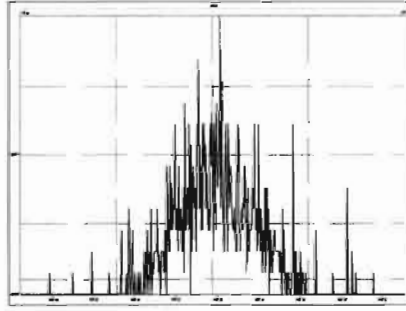
M 442.9728 R 11313



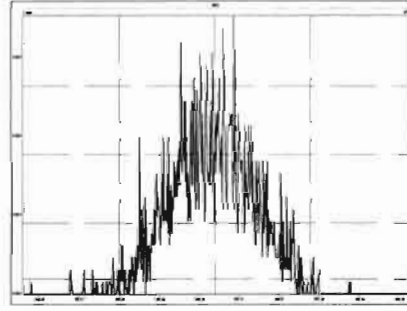
M 454.9728 R 11573



M 466.9728 R 13963



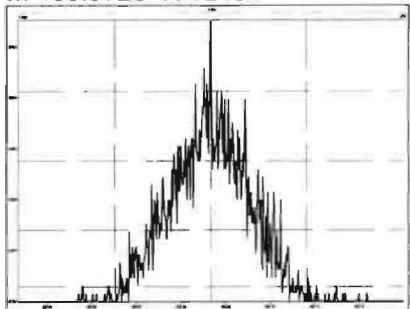
M 480.9696 R 11363



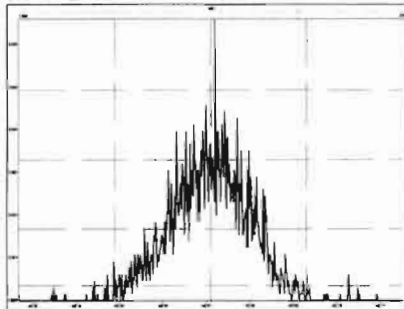
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Wednesday, April 21, 2021 10:57:19 Pacific Daylight Time

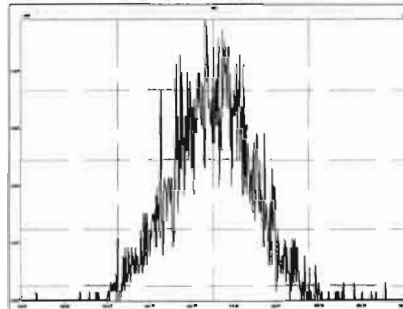
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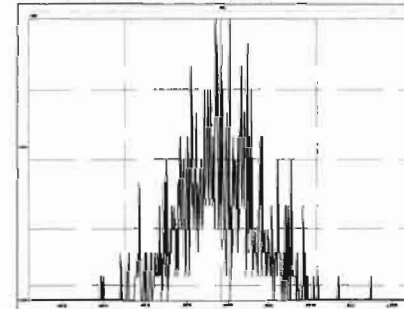
M 442.9728 R 11521



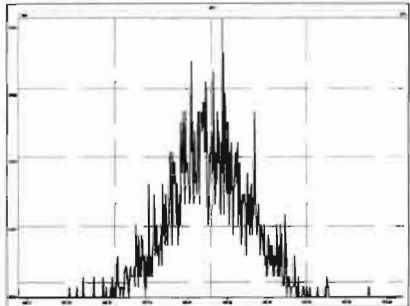
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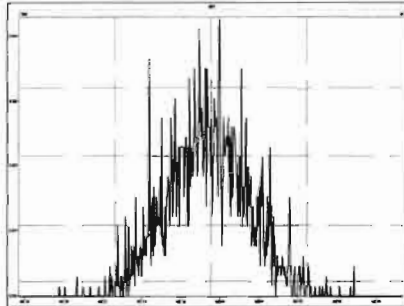
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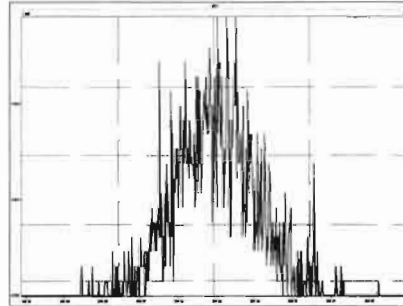
M 480.9696 R 10868



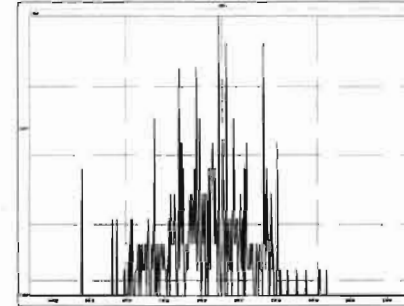
M 492.9696 R 13224



M 504.9696 R 14044



M 516.9697 R 17478



Dataset: U:\VG12.PRO\Results\210421R2\210421R2_CPSM.qld

Last Altered: Thursday, April 22, 2021 10:24:42 Pacific Daylight Time

Printed: Friday, May 07, 2021 15:40:56 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 17 Apr 2021 09:05:16

Calibration: U:\VG12.PRO\CurveDB\ldbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

	# Name	RT
1	1 1,3,6,8-TCDD (First)	23.38
2	2 1,2,8,9-TCDD (Last)	27.61
3	3 1,2,4,7,9-PeCDD (First)	29.01
4	4 1,2,3,8,9-PeCDD (Last)	31.53
5	5 1,2,4,6,7,9-HxCDD (First)	32.79
6	6 1,2,3,7,8,9-HxCDD (Last)	34.94
7	7 1,2,3,4,6,7,9-HpCDD (First)	37.42
8	8 1,2,3,4,6,7,8-HpCDD (Last)	38.29
9	9 1,3,6,8-TCDF (First)	21.30
10	10 1,2,8,9-TCDF (Last)	27.92
11	11 1,3,4,6,8-PeCDF (First)	27.47
12	12 1,2,3,8,9-PeCDF (Last)	31.89
13	13 1,2,3,4,6,8-HxCDF (First)	32.27
14	14 1,2,3,7,8,9-HxCDF (Last)	35.49
15	15 1,2,3,4,6,7,8-HpCDF (First)	37.10
16	16 1,2,3,4,7,8,9-HpCDF (Last)	38.95

Vista Analytical Laboratory VG-11

Dataset: U:\VG12.PRO\Results\210421R2\210421R2_CPSM.qld

Last Altered: Thursday, April 22, 2021 10:24:42 Pacific Daylight Time

Printed: Friday, May 07, 2021 15:40:56 Pacific Daylight Time

HN 05/07/21

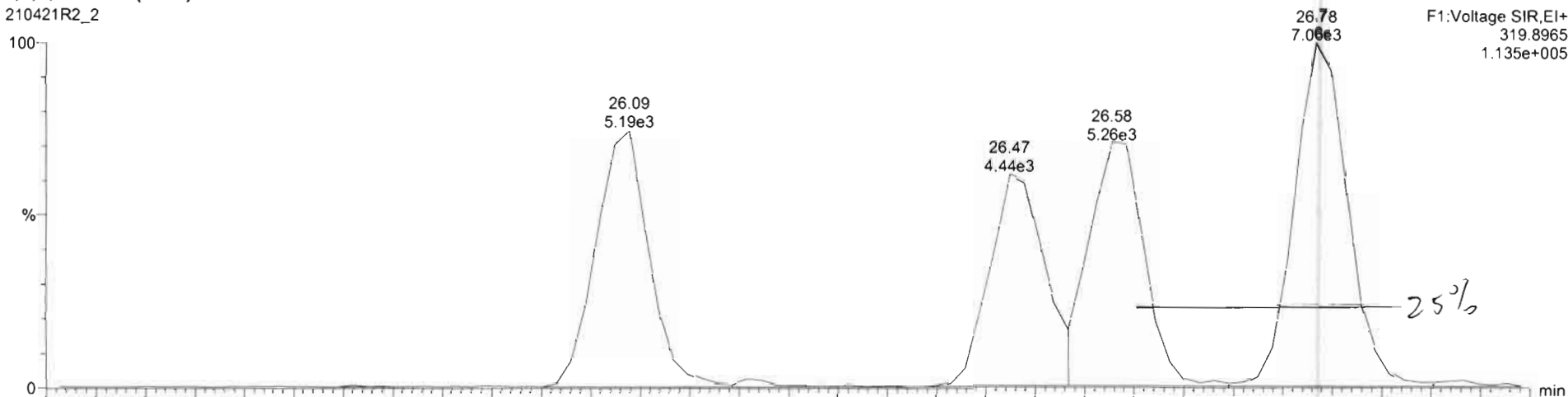
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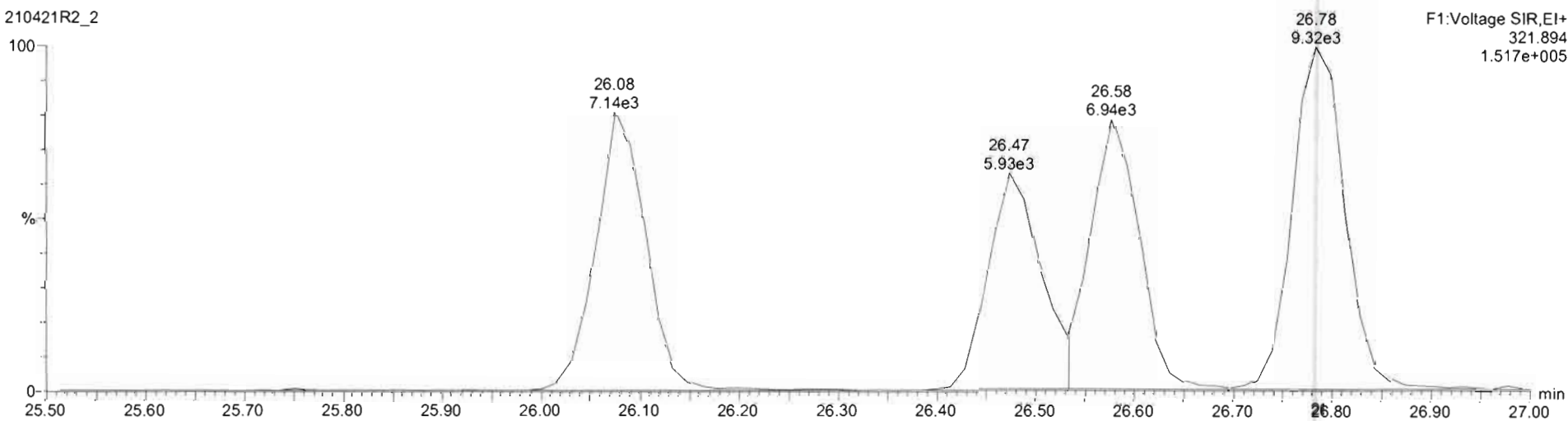
Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,3,6,8-TCDD (First)

210421R2_2



210421R2_2



Dataset: U:\VG12.PRO\Results\210421R2\210421R2_CPSM.qld

Last Altered: Thursday, April 22, 2021 10:24:42 Pacific Daylight Time
Printed: Friday, May 07, 2021 15:40:56 Pacific Daylight Time

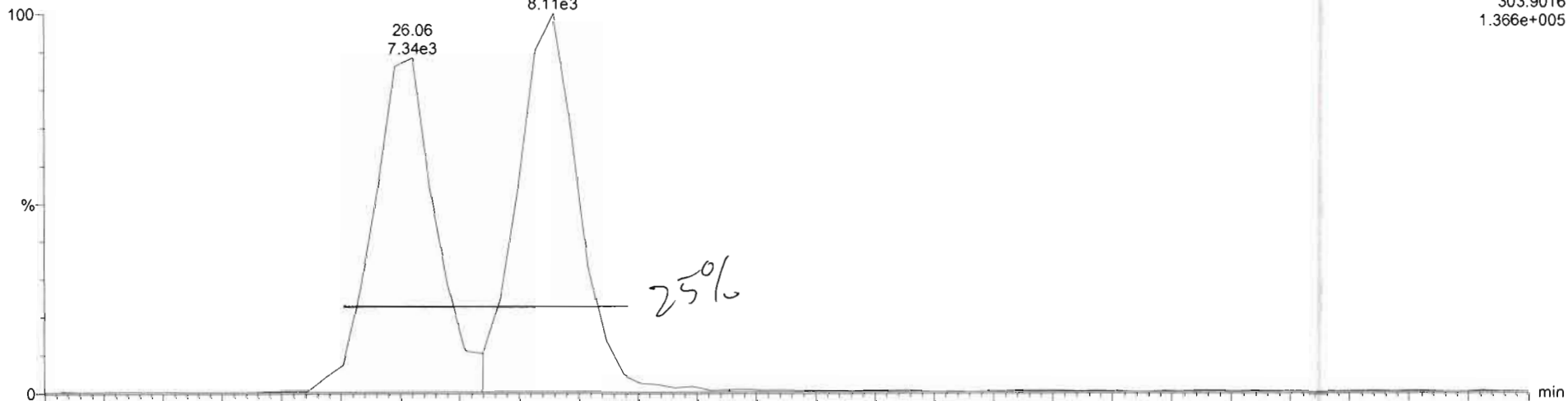
FIN 05/07/21

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,3,6,8-TCDF (First)

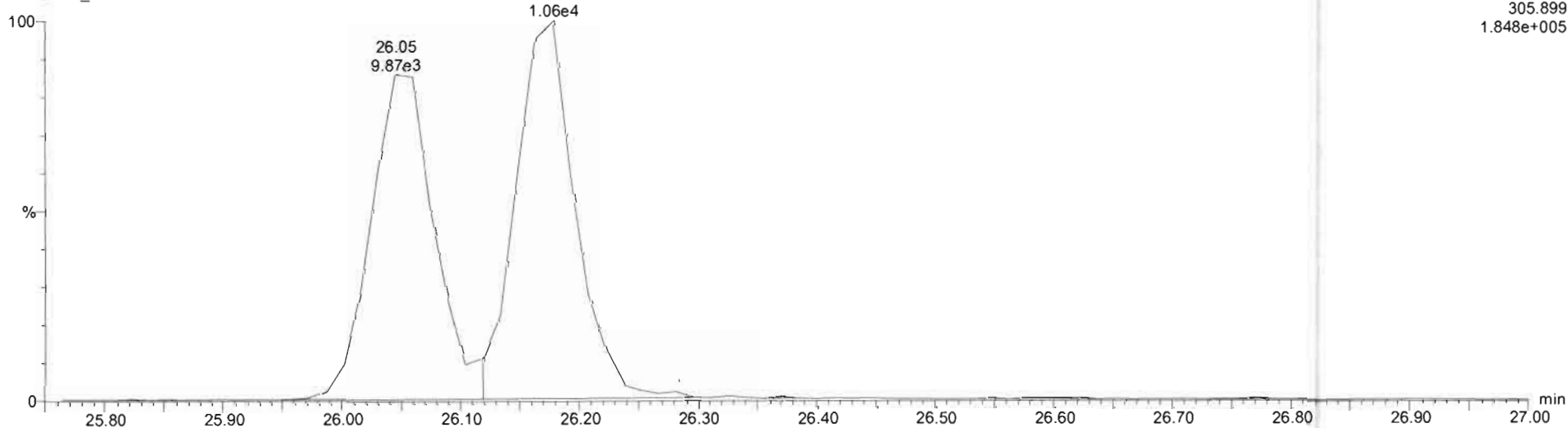
210421R2_2

F1:Voltage SIR,EI+
303.9016
1.366e+005



210421R2_2

F1:Voltage SIR,EI+
305.899
1.848e+005



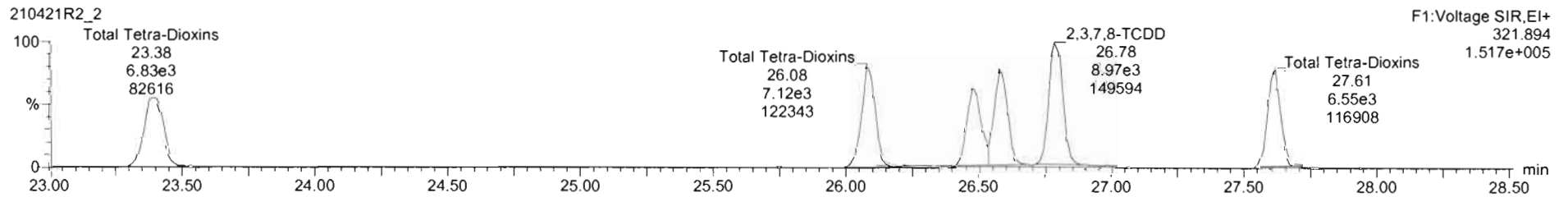
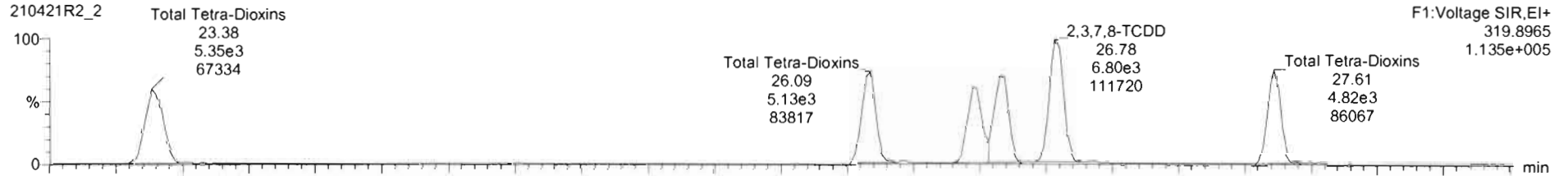
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Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

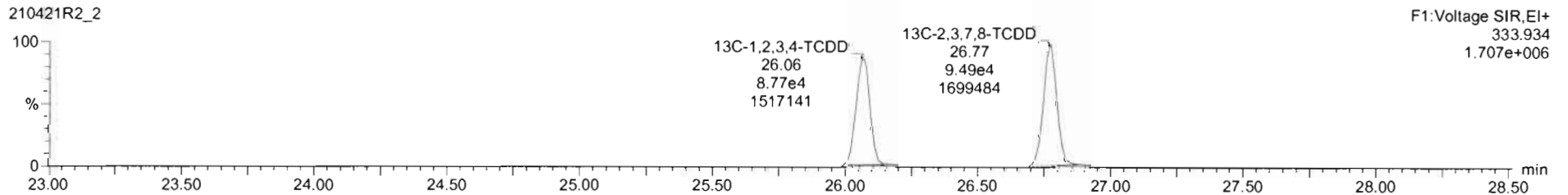
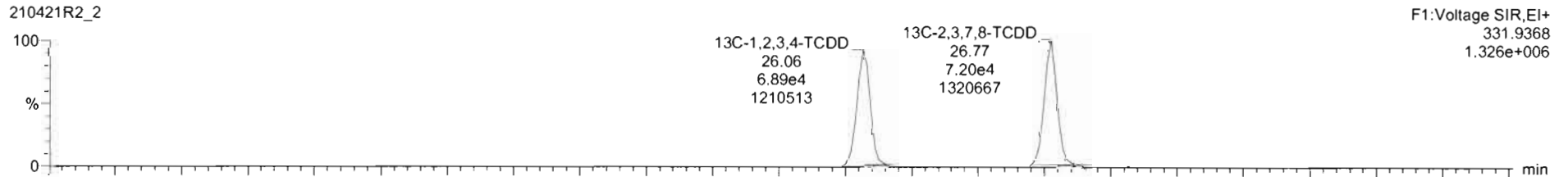
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Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

2,3,7,8-TCDD



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



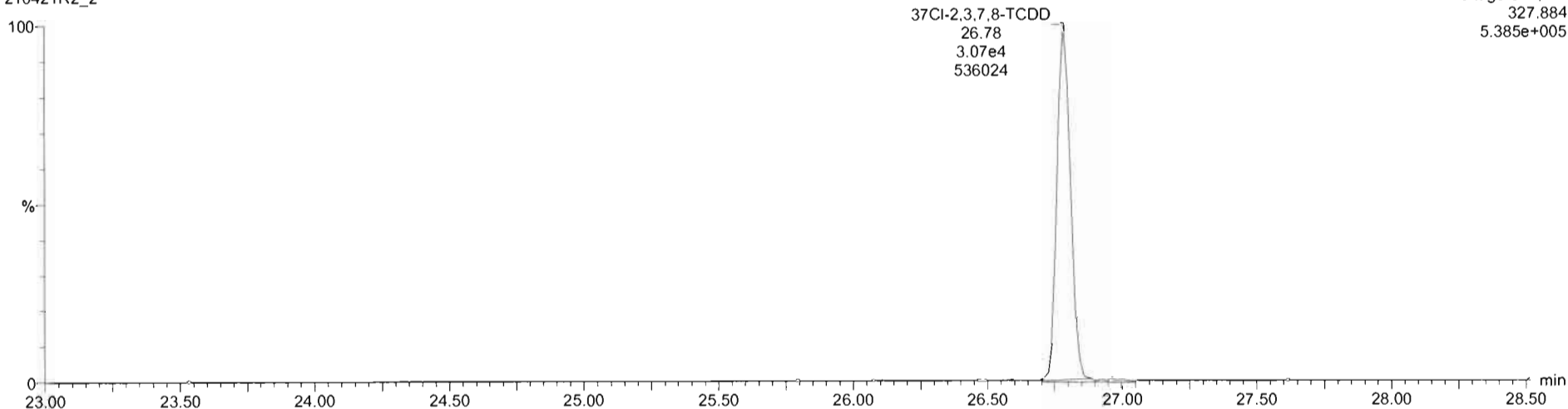
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Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

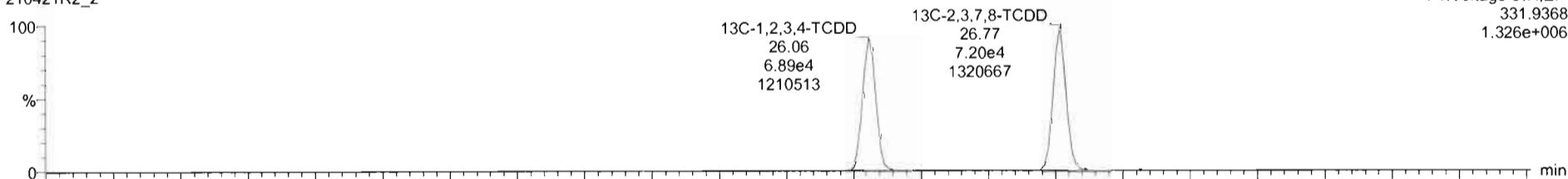
37Cl-2,3,7,8-TCDD

210421R2_2

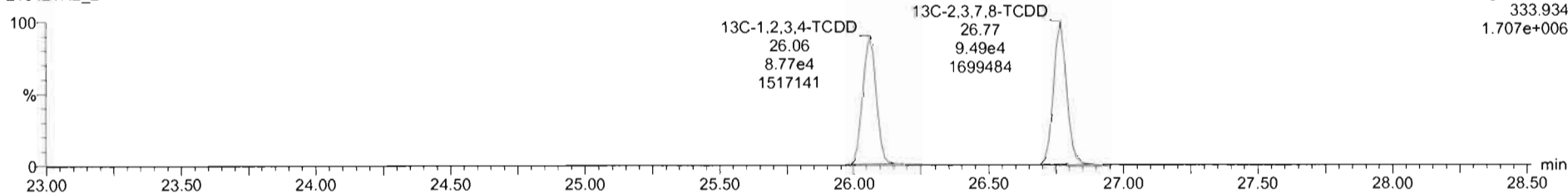


13C-1,2,3,4-TCDD

210421R2_2



210421R2_2

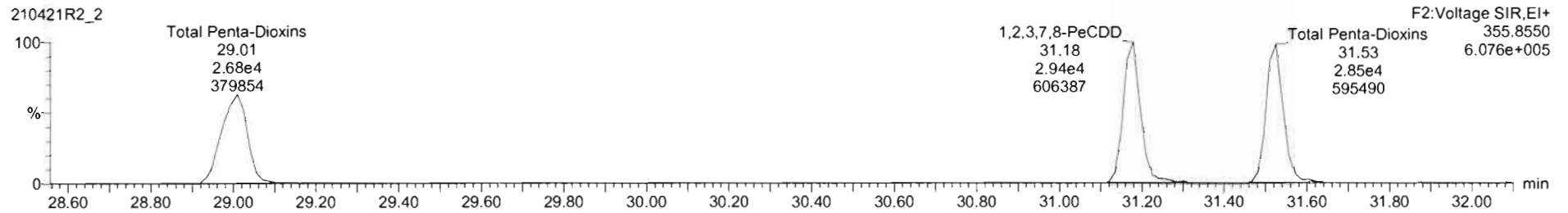
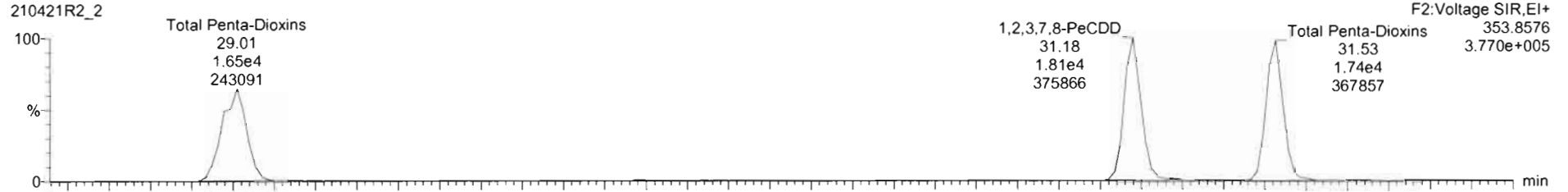


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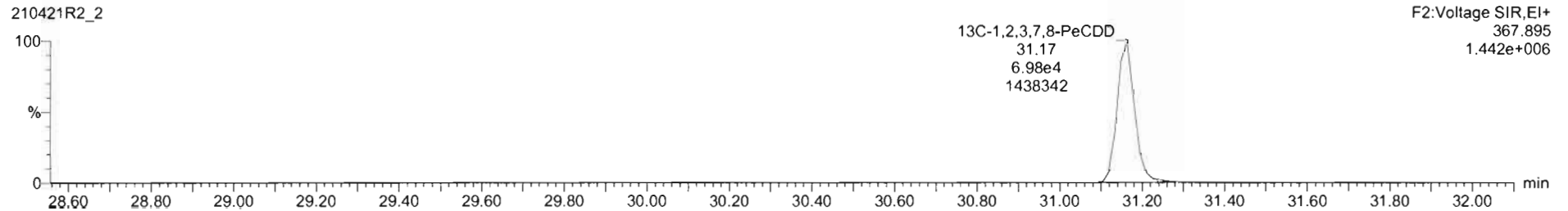
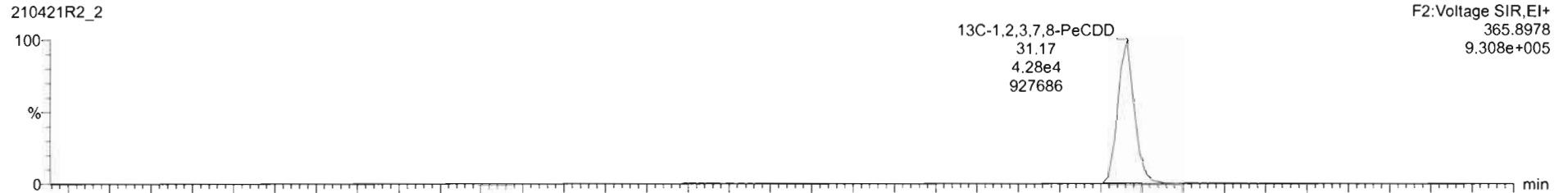
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Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,2,3,7,8-PeCDD



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

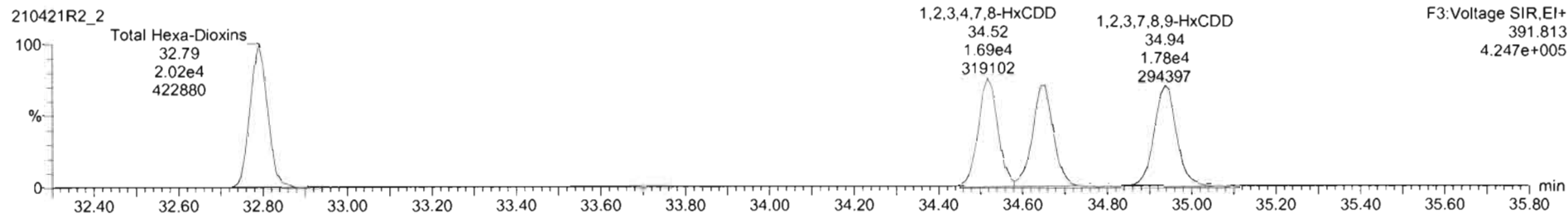
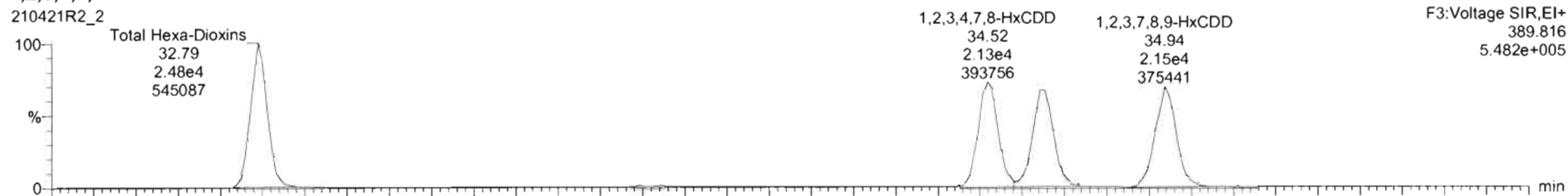


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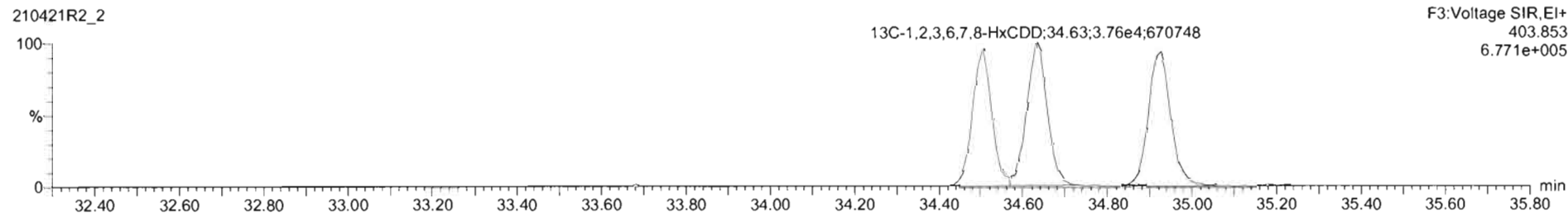
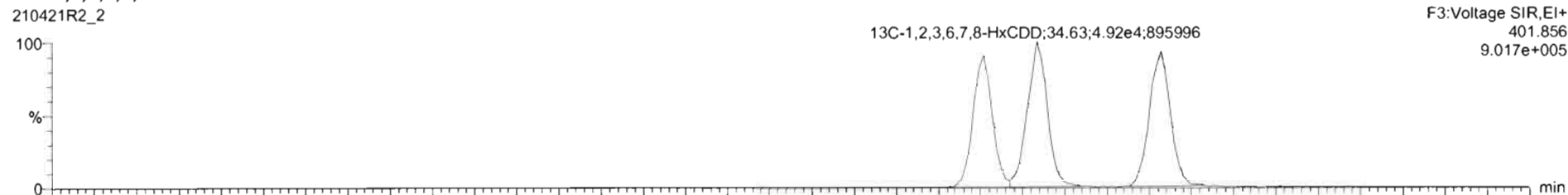
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Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

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



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



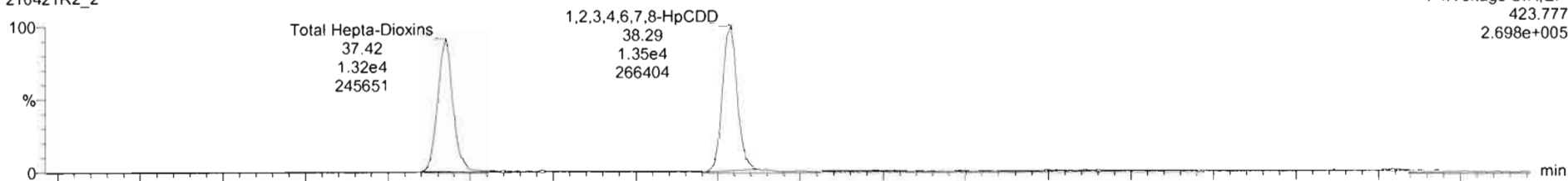
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Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

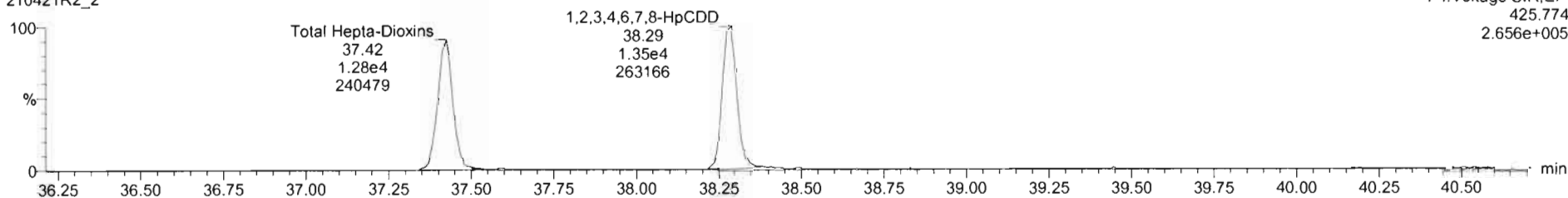
Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

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

210421R2_2

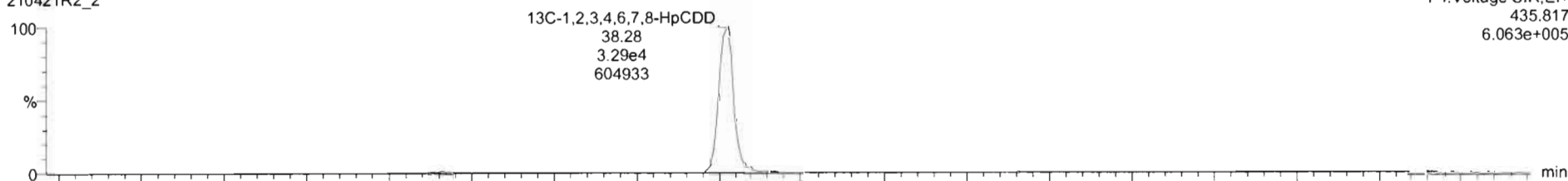


210421R2_2

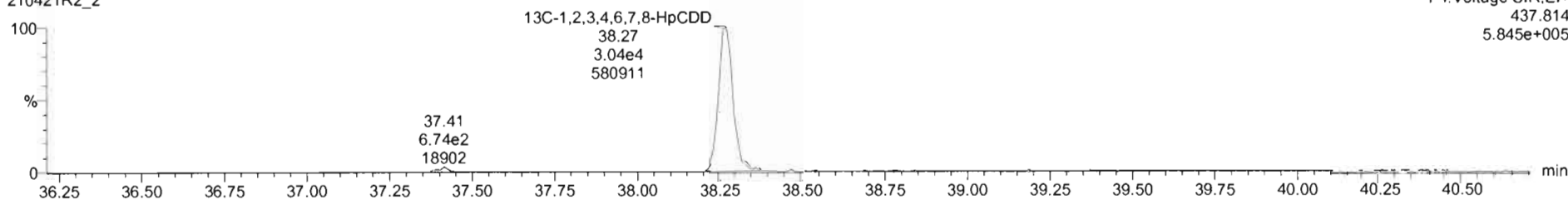


13C-1,2,3,4,6,7,8-HpCDD

210421R2_2



210421R2_2

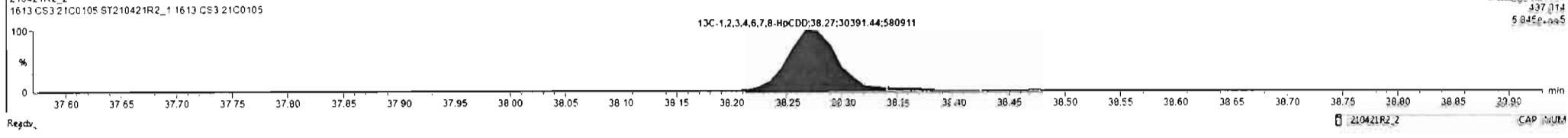
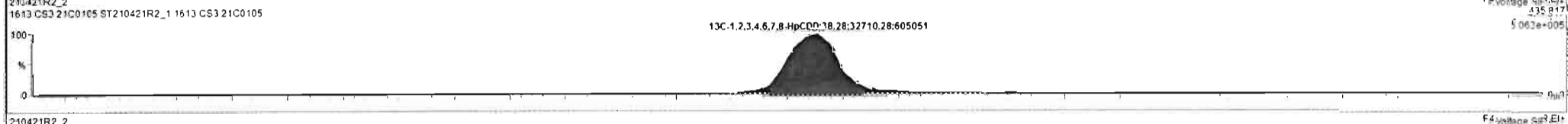
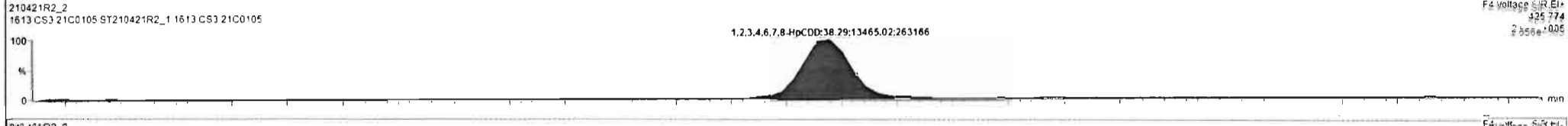
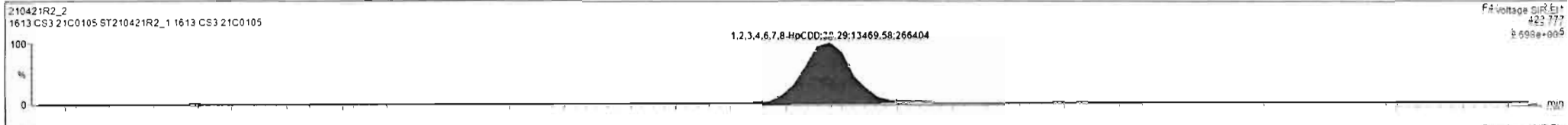


TargetLynx - 210421R2_2.qld - Chromatogram

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210421R2_2 - ST210421R2_1 1613 CS3 21C0105 - 1613 CS3 21C0105

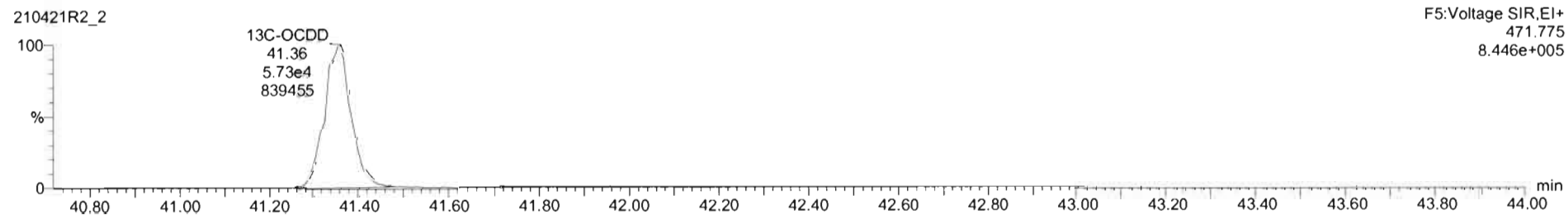
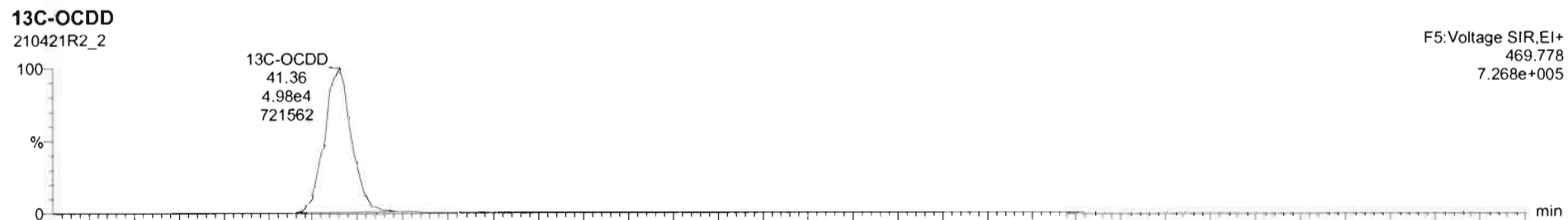
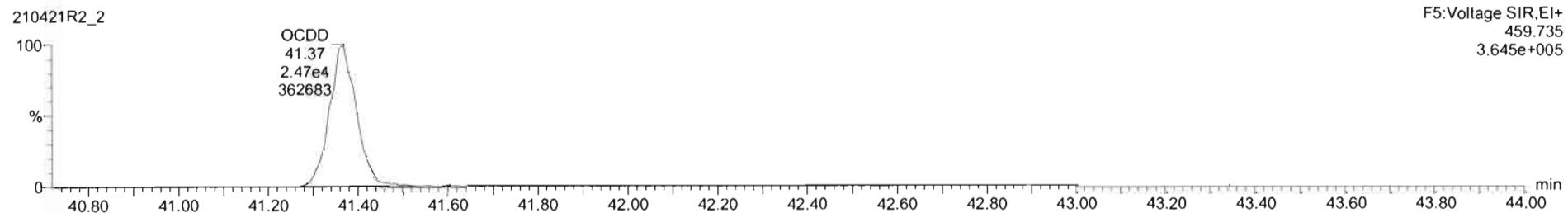
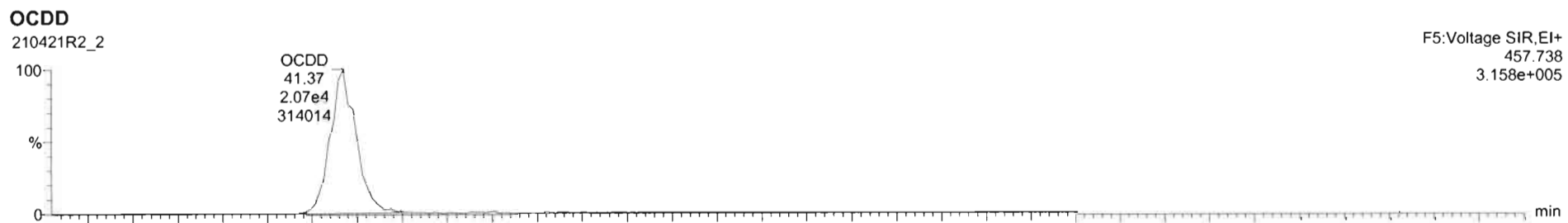
#	Name	Resp	IS Resp	Pred RA	RA	nly	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc	%Rec	STD out
1	2,3,7,8-TCDD	1.58e4	1.67e5	0.77	0.76	NO	0.9291	26.80	26.78	NO	1.001	1.001	10.2	102	NO
2	1,2,3,7,8-PeCDD	4.75e4	1.13e5	0.63	0.62	NO	0.8257	31.20	31.18	NO	1.001	1.001	51.1	102	NO
3	1,2,3,4,7,8-HxCDD	3.82e4	7.71e4	1.24	1.26	NO	0.9725	34.53	34.52	NO	1.001	1.000	51.0	102	NO
4	1,2,3,6,7,8-HxCDD	3.77e4	8.69e4	1.24	1.25	NO	0.8771	34.65	34.64	NO	1.001	1.000	49.5	99.1	NO
5	1,2,3,7,8,9-HxCDD	3.93e4	8.66e4	1.24	1.21	NO	0.8739	34.94	34.94	NO	1.000	1.000	52.0	104	NO
6	1,2,3,4,6,7,8-HpCDD	2.69e4	6.31e4	1.04	1.00	NO	0.9987	38.29	38.29	NO	1.000	1.000	47.5	95.0	NO
7	OCDD	4.54e4	1.07e5	0.89	0.84	NO	0.8524	41.37	41.37	NO	1.000	1.000	99.5	98.5	NO
8	2,3,7,8-TCDF	1.86e4	2.71e5	0.77	0.75	NO	0.7466	26.15	26.18	NO	1.000	1.001	9.19	91.9	NO
9	1,2,3,7,8-PeCDF	8.27e4	1.76e5	1.55	1.58	NO	0.8771	29.98	29.98	NO	1.000	1.001	53.5	107	NO
10	1,2,3,4,7,8-PeCDF	8.20e4	1.70e5	1.55	1.58	NO	0.8621	31.01	31.00	NO	1.001	1.000	50.1	100	NO
11	1,2,3,4,7,8-HxCDF	5.12e4	1.04e5	1.24	1.23	NO	0.9202	33.58	33.59	NO	1.000	1.001	53.6	107	NO
12	1,2,3,6,7,8-HxCDF	5.56e4	1.14e5	1.24	1.24	NO	0.9383	33.73	33.72	NO	1.001	1.000	52.0	104	NO
13	1,2,3,4,6,7,8-HxCDF	4.62e4	9.85e4	1.24	1.23	NO	0.9725	34.42	34.42	NO	1.001	1.001	50.4	101	NO
14	1,2,3,7,8,9-HxCDF	3.99e4	8.56e4	1.24	1.31	NO	0.9396	35.49	35.49	NO	1.000	1.000	49.5	99.2	NO
15	1,2,3,4,6,7,8-HpCDF	3.61e4	6.84e4	1.04	1.02	NO	1.0481	37.11	37.10	NO	1.000	1.000	60.3	161	NO
16	1,2,3,4,7,8,9-HpCDF	2.97e4	5.72e4	1.04	0.98	NO	1.0453	38.95	38.95	NO	1.000	1.000	49.7	99.4	NO
17	OCDF	5.08e4	1.38e5	0.89	0.86	NO	0.7712	41.69	41.69	NO	1.000	1.000	95.3	95.3	NO
18	1,2,3,7,8,9-HxCDF	1.67e4	1.57e4	0.77	0.76	NO	1.1060	38.76	38.77	NO	1.001	1.001	96.5	96.5	NO



Dataset: U:\VG12.PRO\Results\210421R2\210421R2_2.qld

Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105



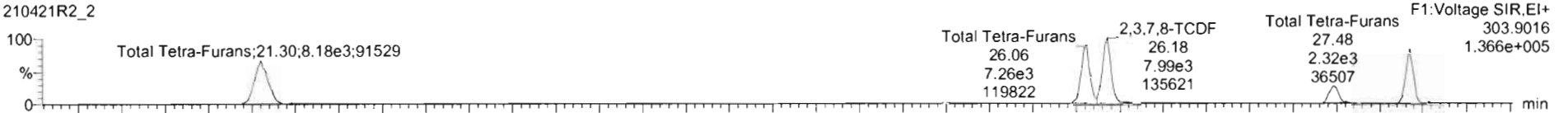
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Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

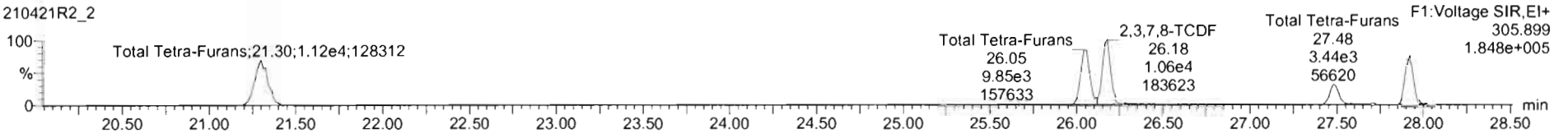
Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

2,3,7,8-TCDF

210421R2_2

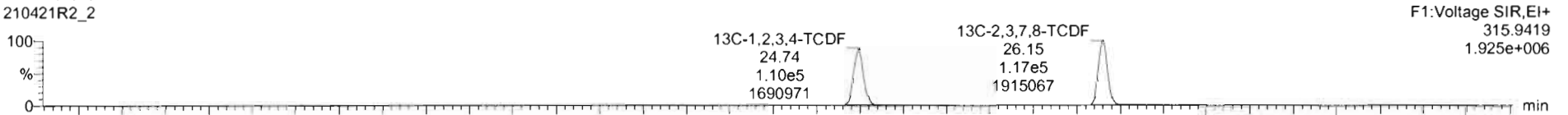


210421R2_2

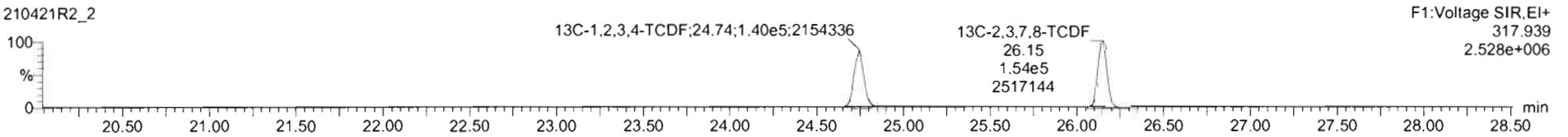


13C-2,3,7,8-TCDF

210421R2_2

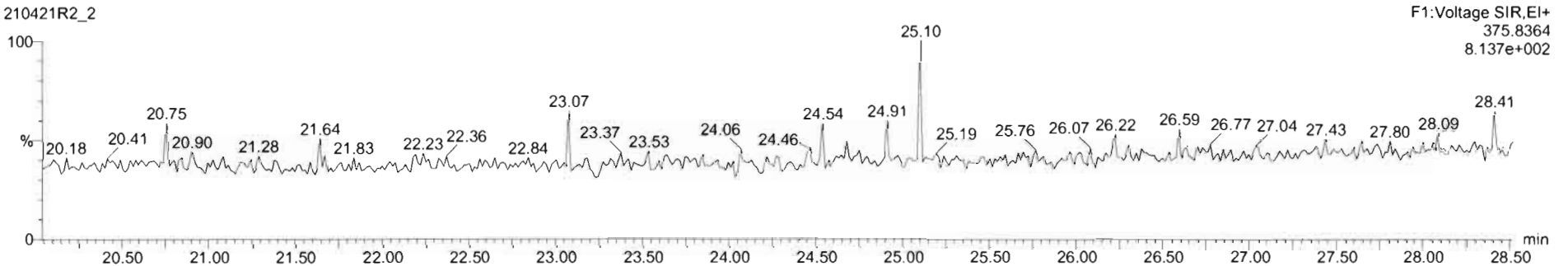


210421R2_2



DPE1

210421R2_2



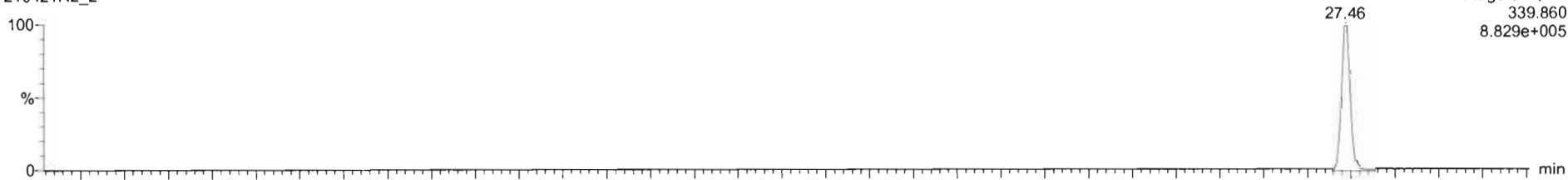
Dataset: U:\VG12.PRO\Results\210421R2\210421R2_2.qld

Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

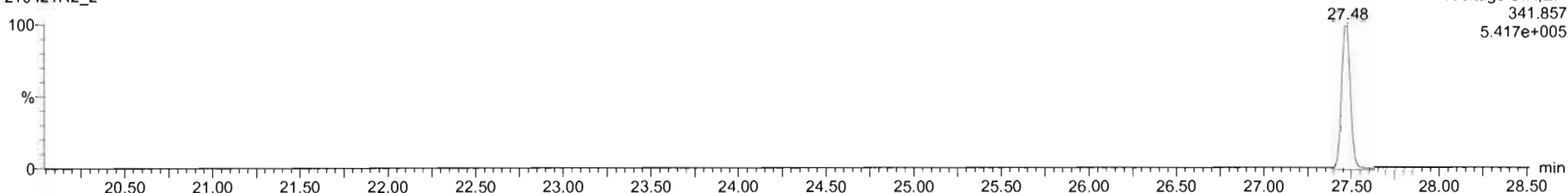
Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1st Func. Penta-Furans

210421R2_2

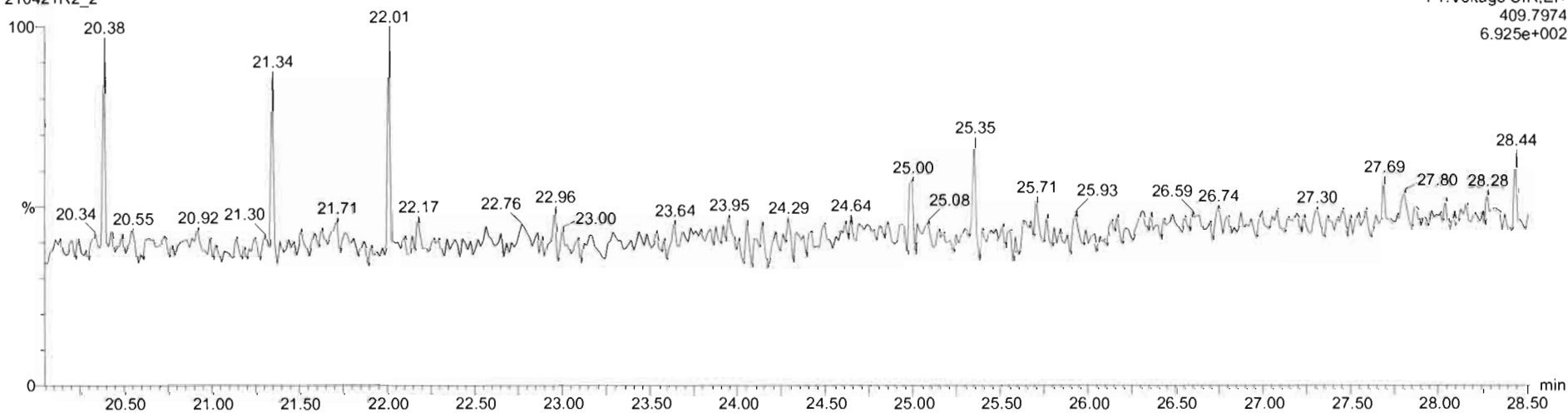


210421R2_2



DPE6

210421R2_2



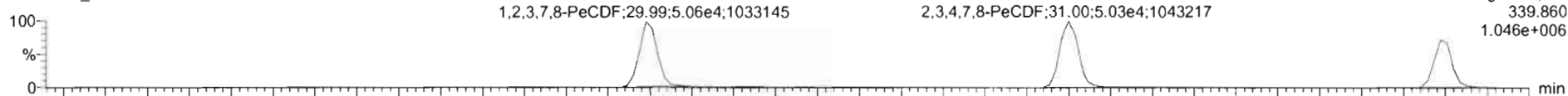
Dataset: U:\VG12.PRO\Results\210421R2\210421R2_2.qld

Last Altered: Thursday, April 22, 2021 8:46:56 AM Pacific Daylight Time
Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

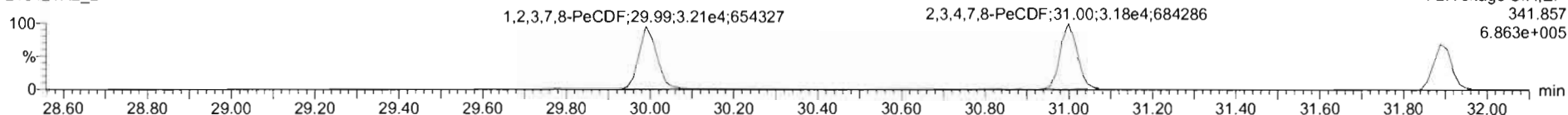
Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,2,3,7,8-PeCDF

210421R2_2

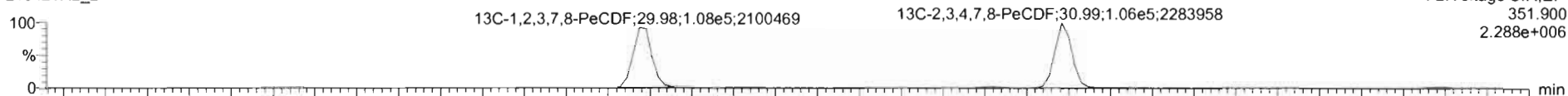


210421R2_2

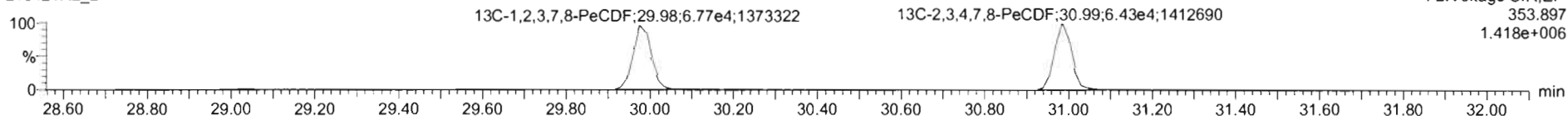


13C-1,2,3,7,8-PeCDF

210421R2_2

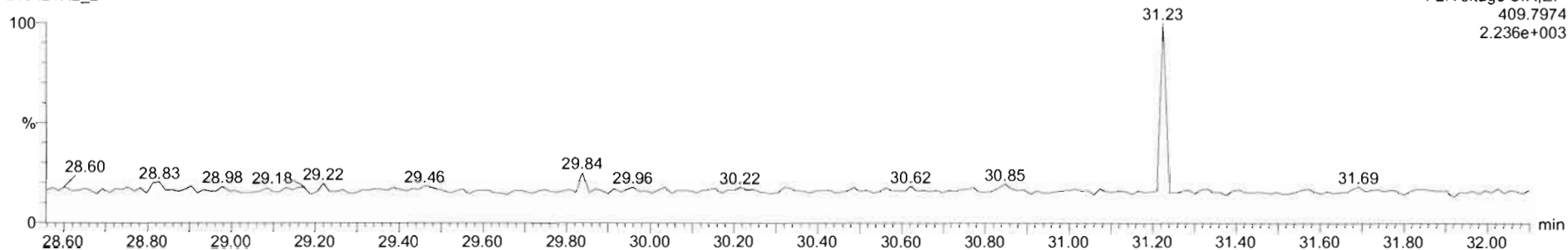


210421R2_2



DPE2

210421R2_2

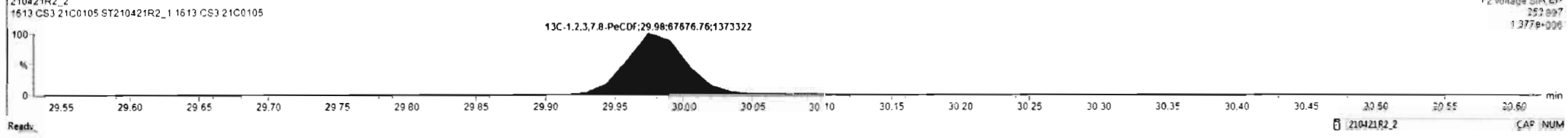
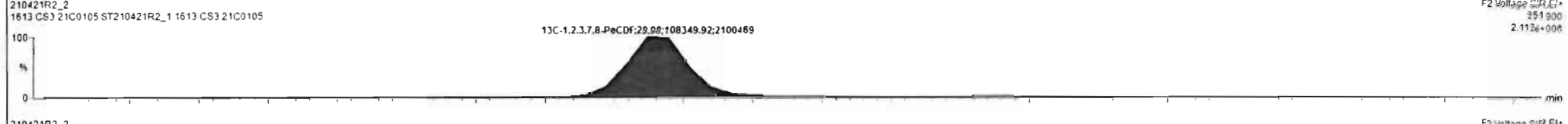
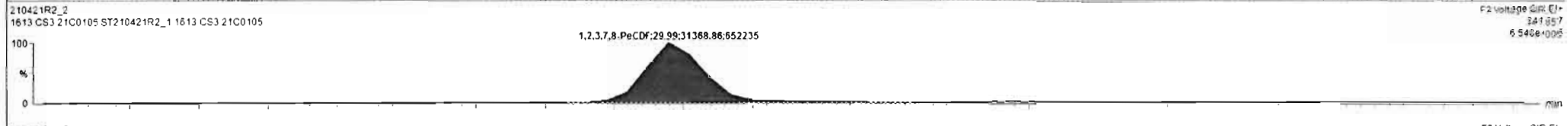
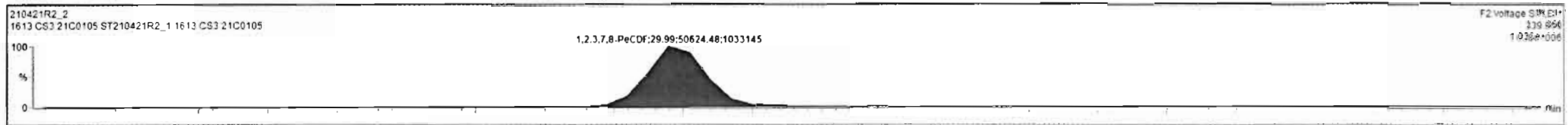


TargetLynx - 210421R2_2.qld - (Chromatogram)

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210421R2_2 - ST210421R2_1 1613 CS3 21C0105 - 1613 CS3 21C0105

#	Name	Resp	IS Resp	Pred RA	RA	nly	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc	%Rec	STD out
1	1,2,3,7,8-TCDD	1.58e4	1.67e5	0.77	0.76	NO	0.9291	26.80	26.78	NO	1.001	1.001	10.2	102	NO
2	1,2,3,7,8-PeCDD	4.75e4	1.13e5	0.63	0.62	NO	0.8257	31.20	31.18	NO	1.001	1.001	51.1	102	NO
3	1,2,3,4,7,8-HxCDD	3.82e4	7.71e4	1.24	1.26	NO	0.9725	34.53	34.52	NO	1.001	1.000	51.0	102	NO
4	1,2,3,6,7,8-HxCDD	3.77e4	8.69e4	1.24	1.25	NO	0.8771	34.65	34.64	NO	1.001	1.000	49.5	99.1	NO
5	1,2,3,7,8,9-HxCDD	3.93e4	8.66e4	1.24	1.21	NO	0.8739	34.94	34.94	NO	1.000	1.000	52.0	104	NO
6	1,2,3,4,6,7,8-HpCDD	2.89e4	6.31e4	1.04	1.00	NO	0.8987	38.29	38.29	NO	1.000	1.000	47.5	95.0	NO
7	OCDD	4.54e4	1.07e5	0.89	0.84	NO	0.8524	41.37	41.37	NO	1.000	1.000	99.6	99.6	NO
8	2,3,7,8-TCDF	1.86e4	2.71e5	0.77	0.75	NO	0.7466	26.15	26.16	NO	1.000	1.001	9.19	51.9	NO
9	1,2,3,7,8-PeCDF	8.20e4	1.76e5	1.55	1.61	NO	0.8773	29.98	29.99	NO	1.000	1.001	53.1	106	NO
10	2,3,4,7,8-PeCDF	8.20e4	1.70e5	1.55	1.58	NO	0.9621	31.01	31.00	NO	1.001	1.000	50.1	100	NO
11	1,2,3,4,7,8-HxCDF	5.12e4	1.04e5	1.24	1.23	NO	0.9202	33.58	33.59	NO	1.000	1.001	53.6	107	NO
12	1,2,3,6,7,8-HxCDF	5.56e4	1.14e5	1.24	1.24	NO	0.9363	33.73	33.72	NO	1.001	1.000	52.0	104	NO
13	2,3,4,6,7,8-HxCDF	4.82e4	9.85e4	1.24	1.23	NO	0.9725	34.42	34.42	NO	1.001	1.001	50.4	101	NO
14	1,2,3,7,8,9-HxCDF	3.99e4	8.56e4	1.24	1.31	NO	0.9196	35.49	35.49	NO	1.000	1.000	48.6	99.2	NO
15	1,2,3,4,6,7,8-HpCDF	3.61e4	6.84e4	1.04	1.02	NO	1.0481	37.11	37.10	NO	1.000	1.000	50.3	101	NO
16	1,2,3,4,7,8,9-HpCDF	2.97e4	5.72e4	1.04	0.96	NO	1.0453	38.95	38.95	NO	1.000	1.000	49.7	99.4	NO
17	OCDF	5.09e4	1.38e5	0.89	0.86	NO	0.7712	41.69	41.69	NO	1.000	1.000	95.3	95.3	NO
18	13C-1,2,3,7,8-TCDF	1.67e5	1.57e6	0.77	0.76	NO	1.1040	26.76	26.77	NO	1.077	1.077	96.5	96.5	NO

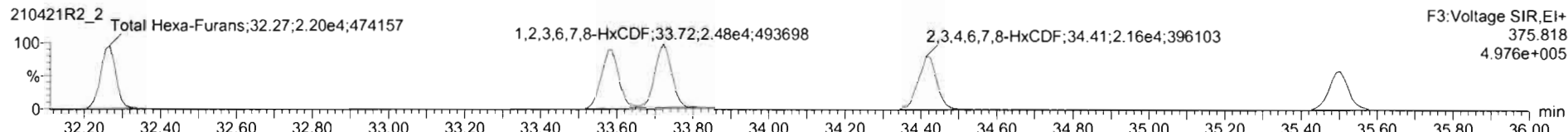
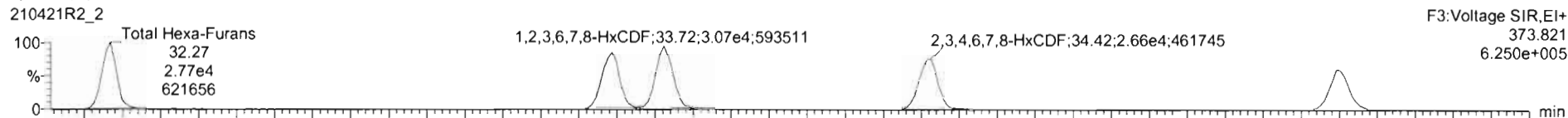


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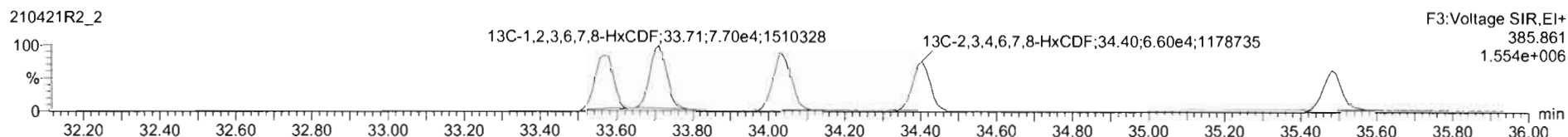
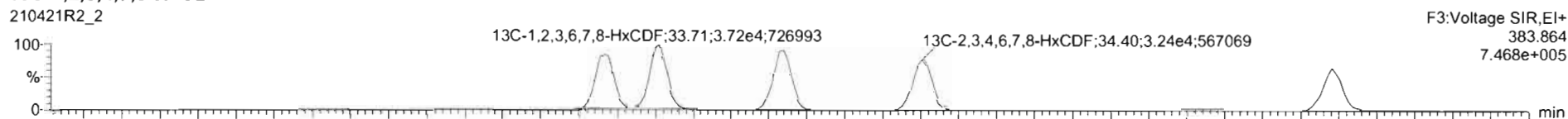
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Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

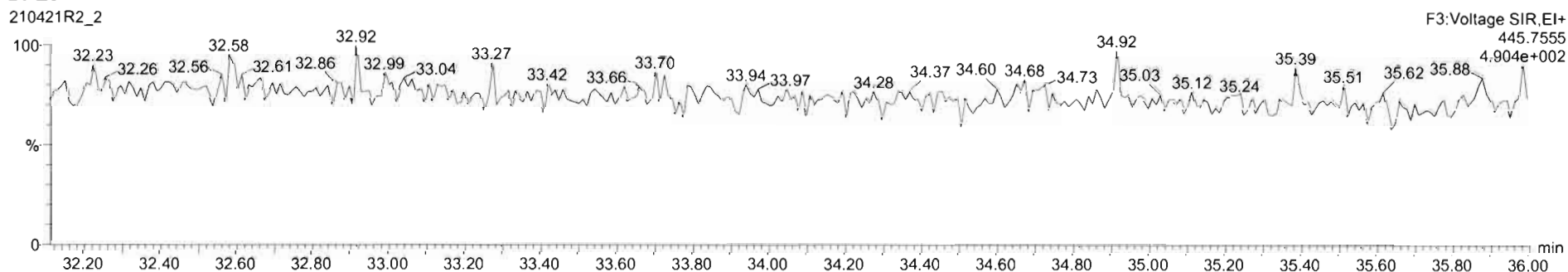
1,2,3,4,7,8-HxCDF



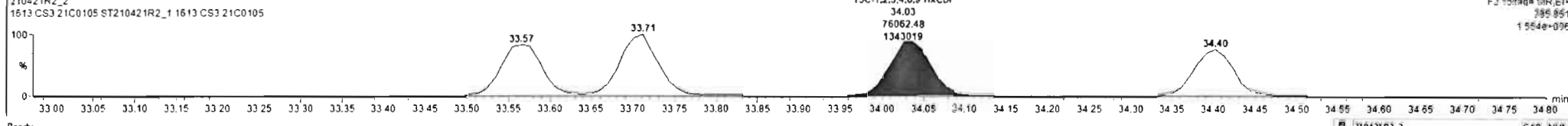
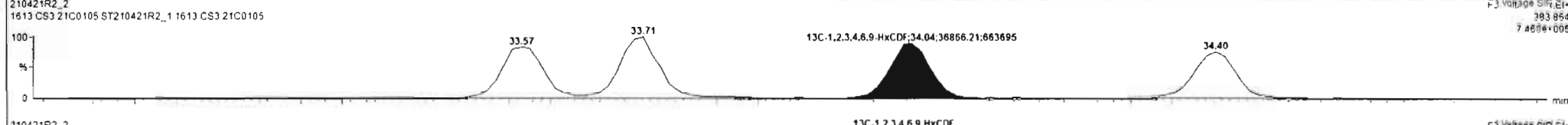
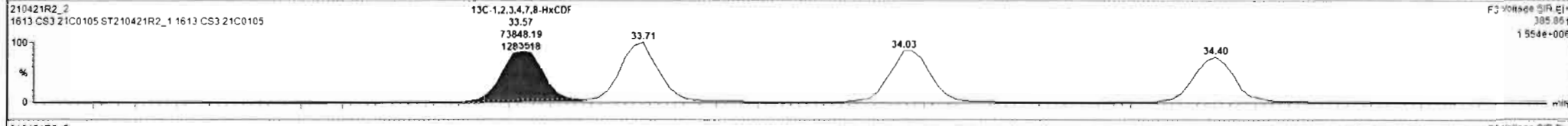
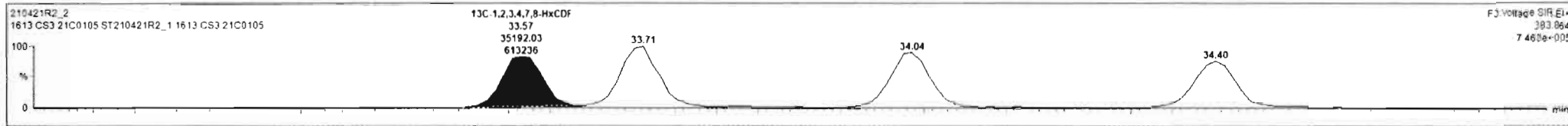
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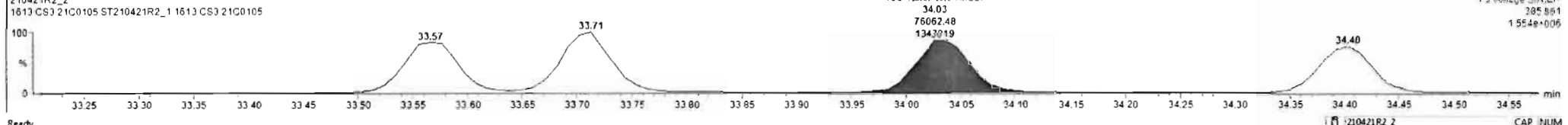
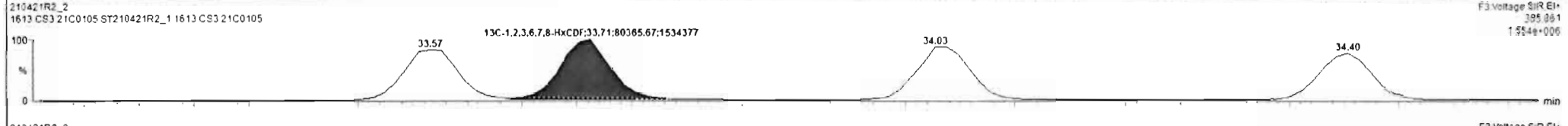
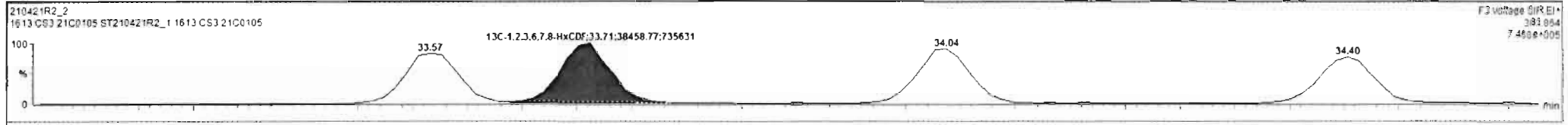
DPE3



#	Name	Resp	IS Resp	Pred RA	RA	n/y	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc	%Rec	STD out
28	28 13C-1,2,3,4,7,8-HxCDF	1.09e5	1.13e5	0.51	0.48	NO	1.0111	33.58	33.57	NO	0.987	0.986	95.5	95.5	NO
29	29 13C-1,2,3,6,7,8-HxCDF	1.19e5	1.13e5	0.51	0.48	NO	1.0734	33.71	33.71	NO	0.990	0.990	98.0	98.0	NO
30	30 13C-2,3,4,6,7,8-HxCDF	9.85e4	1.13e5	0.51	0.49	NO	0.9095	34.40	34.40	NO	1.011	1.011	95.9	95.9	NO
31	31 13C-1,2,3,7,8,9-HxCDF	8.56e4	1.13e5	0.51	0.50	NO	0.8285	35.48	35.48	NO	1.042	1.042	91.5	91.5	NO
32	32 13C-1,2,3,4,8,7,8-HxCDF	6.84e4	1.13e5	0.44	0.41	NO	0.8699	37.09	37.09	NO	1.090	1.090	91.7	91.7	NO
33	33 13C-1,2,3,4,7,8,9-HxCDF	5.72e4	1.13e5	0.44	0.41	NO	0.9559	38.85	38.94	NO	1.141	1.144	89.6	89.6	NO
34	34 13C-OCDF	1.38e5	1.13e5	0.89	0.85	NO	0.6625	41.62	41.68	NO	1.223	1.225	185	92.5	NO
35	35 37Cl-2,3,7,8-TCDF	3.07e4	1.57e5				2.0678	26.96	26.78	NO	1.025	1.028	9.48	94.8	NO
36	36 13C-1,2,3,4-TCDF	1.57e5	1.57e5	0.77	0.79	NO	1.0000	28.07	28.06	NO	1.000	1.000	100	100	NO
37	37 13C-1,2,3,4-TCDF	2.50e5	2.50e5	0.77	0.78	NO	1.0000	24.75	24.74	NO	1.000	1.000	100	100	NO
38	38 13C-1,2,3,4,6,9-HxCDF	1.13e5	1.13e5	0.51	0.48	NO	1.0000	34.04	34.04	NO	1.000	1.000	100	100	YES
39	39 Total Tetra-Dioxins		1.67e5				0.9291	24.62		NO	0.000		47.5		NO
40	40 Total Penta-Dioxins		1.13e5				0.8257	29.96		NO	0.000		147		NO
41	41 Total Hexa-Dioxins		0.00e0				0.8771	33.63		NO	0.000		214		NO
42	42 Total Hepta-Dioxins		8.31e4				0.8987	37.64		NO	0.000		93.3		NO
43	43 Total Tetra-Furans		2.71e5				0.7486	23.81		NO	0.000		37.0		NO
44	44 1st Func. Penta-Furans		0.00e0				0.6771	26.93		NO	0.000				NO
45	45 Total Penta-Furans		0.00e0				0.8274	29.77		NO	0.000		147		NO



#	Name	Resp	S Resp	Pred RA	RA	nY	RRF	Pred RT	RT	RT Flag	Pred RRT	RRT	Conc	%Rec	STD out
28	13C-1,2,3,4,7,8-HxCDF	1.09e5	1.13e5	0.51	0.48	NO	1.0111	33.58	33.57	NO	0.997	0.998	95.5	95.5	NO
29	13C-1,2,3,6,7,8-HxCDF	1.19e5	1.13e5	0.51	0.48	NO	1.0734	33.71	33.71	NO	0.990	0.990	98.0	98.0	NO
30	13C-2,3,4,6,7,8-HxCDF	9.85e4	1.13e5	0.51	0.48	NO	0.9095	34.40	34.40	NO	1.011	1.011	95.9	95.9	NO
31	13C-1,2,3,7,8,9-HxCDF	8.56e4	1.13e5	0.51	0.50	NO	0.8285	35.48	35.48	NO	1.042	1.042	91.5	91.5	NO
32	13C-1,2,3,4,6,7,8-HpCDF	6.84e4	1.13e5	0.44	0.41	NO	0.6609	37.09	37.09	NO	1.090	1.090	91.7	91.7	NO
33	13C-1,2,3,4,7,8,9-HpCDF	5.72e4	1.13e5	0.44	0.41	NO	0.5658	38.85	38.94	NO	1.141	1.144	89.8	89.8	NO
34	13C-OCDF	1.38e5	1.13e5	0.89	0.85	NO	0.6625	41.62	41.68	NO	1.223	1.225	185	92.8	NO
35	37Cl-2,3,7,8-TCDD	3.07e4	1.57e5				2.0678	26.96	26.78	NO	1.035	1.028	9.48	94.8	NO
36	13C-1,2,3,4-TCDD	1.57e5	1.57e5	0.77	0.79	NO	1.0000	26.07	26.06	NO	1.000	1.000	100	100	NO
37	13C-1,2,3,4-TCDF	2.50e5	2.50e5	0.77	0.78	NO	1.0000	24.76	24.74	NO	1.000	1.000	100	100	NO
38	13C-1,2,3,4,6,9-HxCDF	1.12e5	1.13e5	0.51	0.48	NO	1.0000	34.04	34.04	NO	1.000	1.000	100	100	YES
39	Total Tetra-Dioxins		1.67e5				0.9291	24.62		NO	0.000		47.5		NO
40	Total Penta-Dioxins		1.13e5				0.8257	29.96		NO	0.000		147		NO
41	Total Hexa-Dioxins		0.00e0				0.8771	33.63		NO	0.000		214		NO
42	Total Hepta-Dioxins		6.31e4				0.8987	37.64		NO	0.000		93.3		NO
43	Total Tetra-Furans		2.71e5				0.7496	23.61		NO	0.000		37.0		NO
44	1st Func. Penta-Furans		0.00e0				0.8771	26.93		NO	0.000				NO
45	Total Penta-Furans		0.00e0				0.8771	26.97		NO	0.000		143		NO

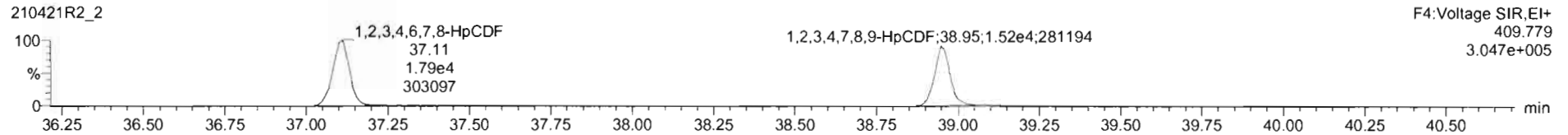
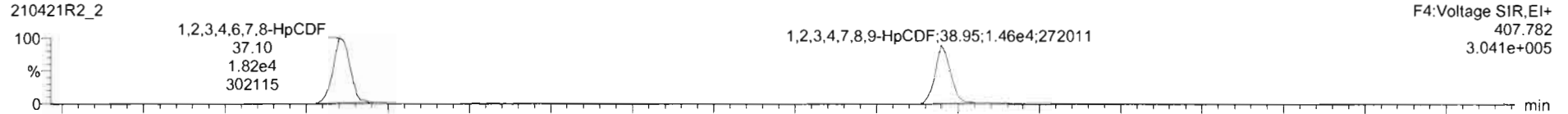


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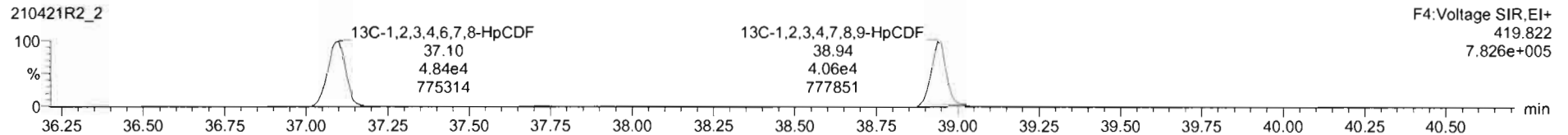
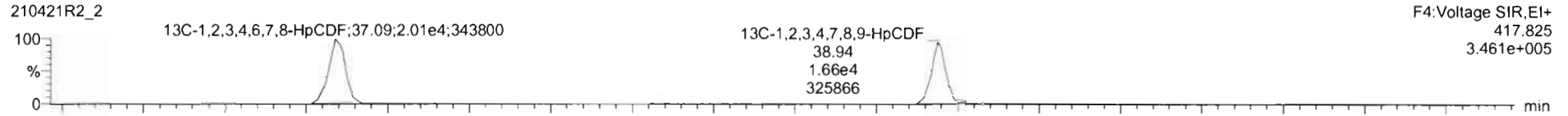
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Printed: Thursday, April 22, 2021 10:20:23 AM Pacific Daylight Time

Name: 210421R2_2, Date: 21-Apr-2021, Time: 21:50:43, ID: ST210421R2_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

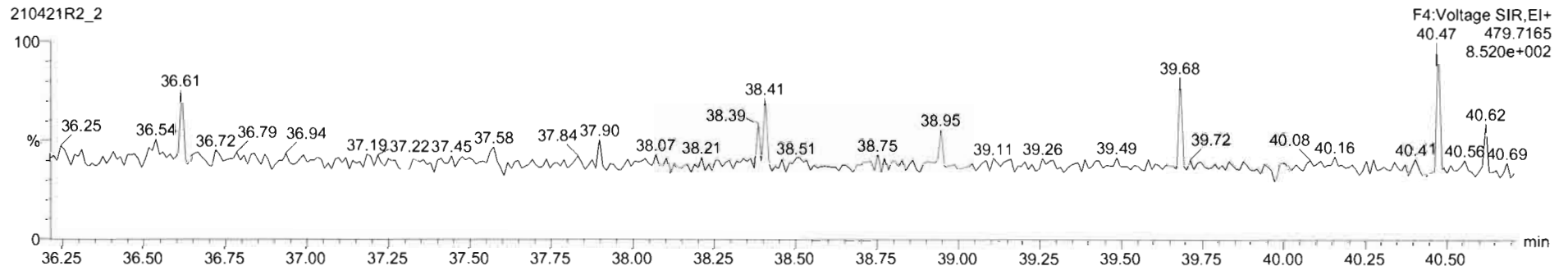
1,2,3,4,6,7,8-HpCDF



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



DPE4



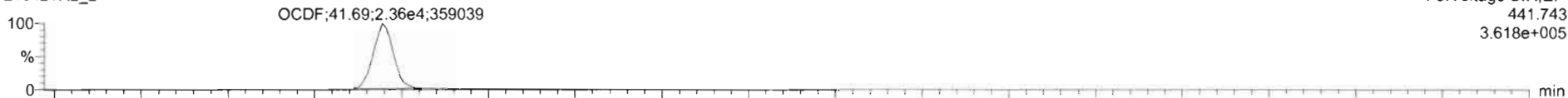
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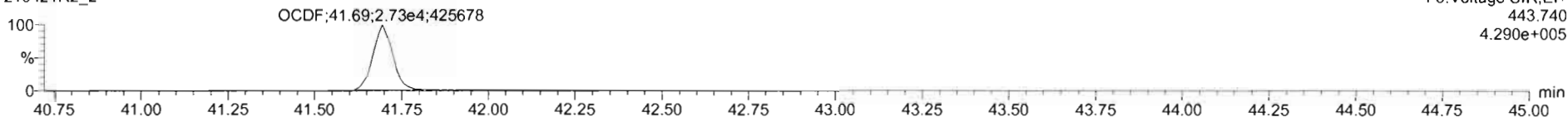
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OCDF

210421R2_2



210421R2_2

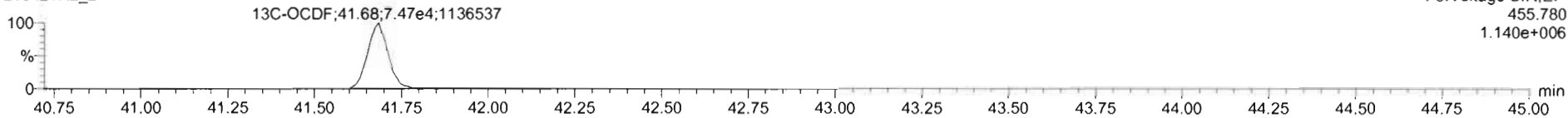


13C-OCDF

210421R2_2

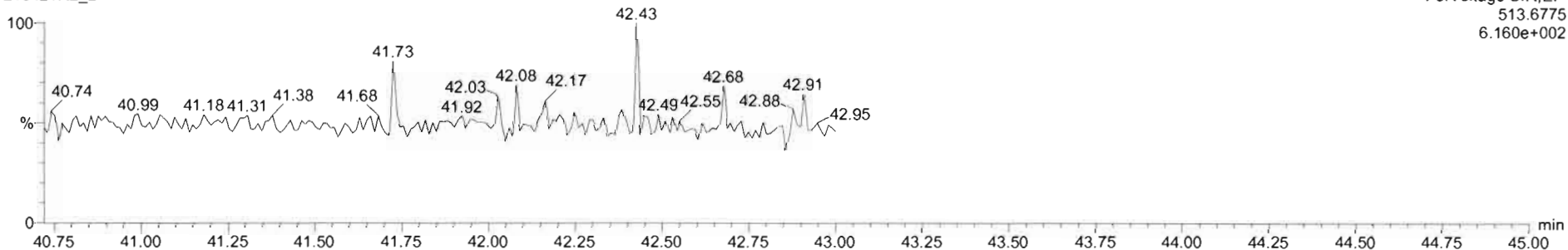


210421R2_2



DPE5

210421R2_2

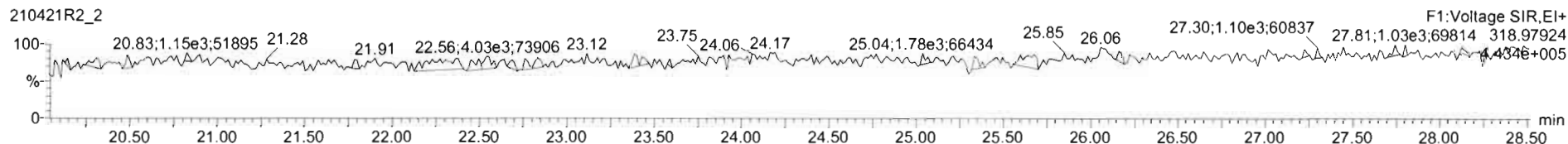


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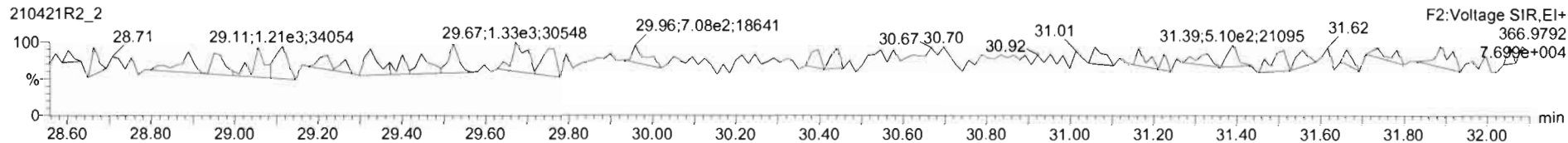
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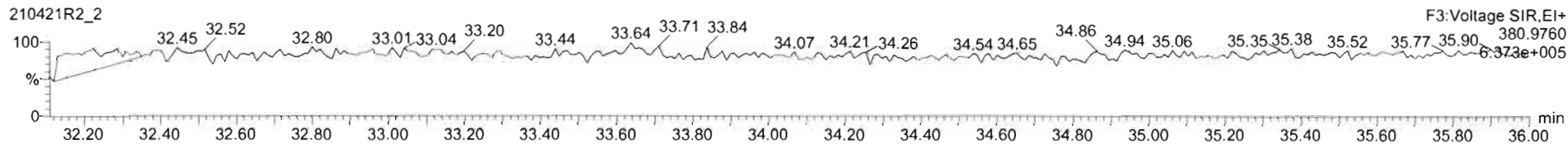
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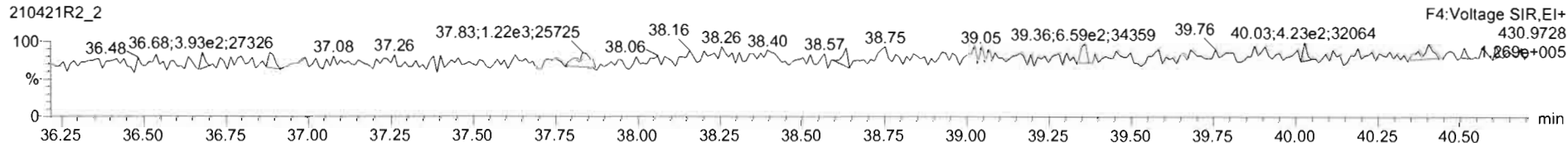
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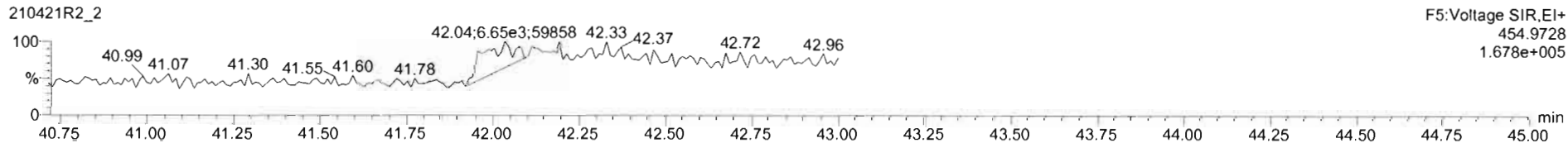
PFK3



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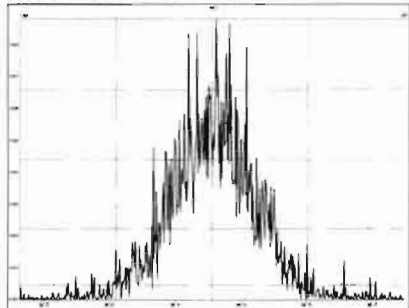


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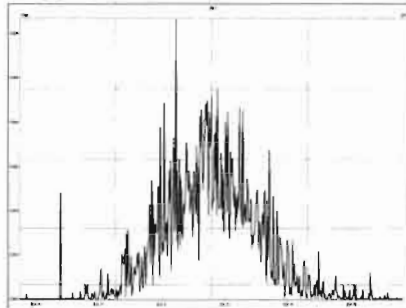


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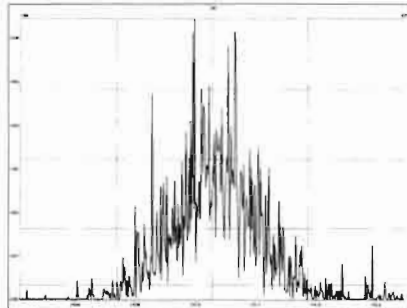
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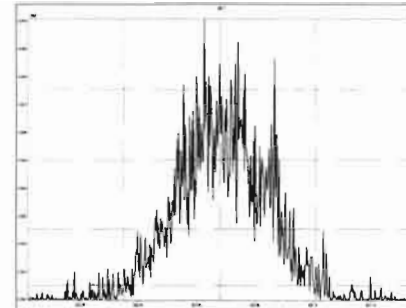
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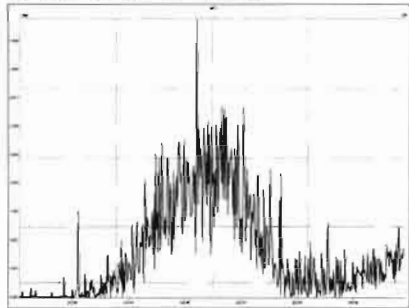
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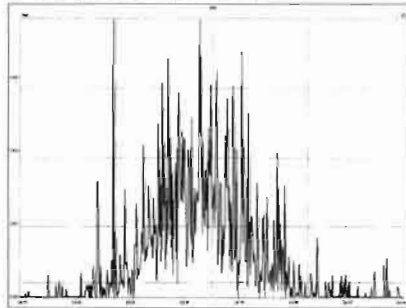
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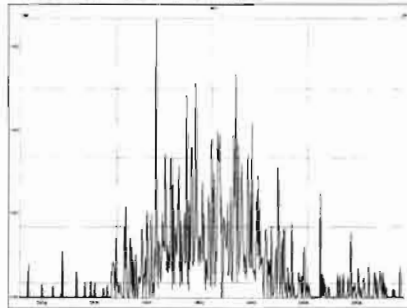
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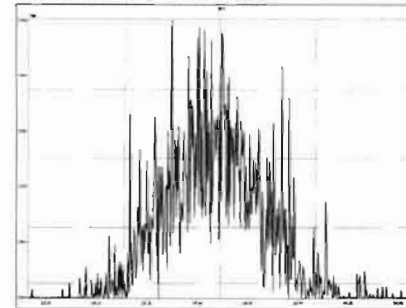
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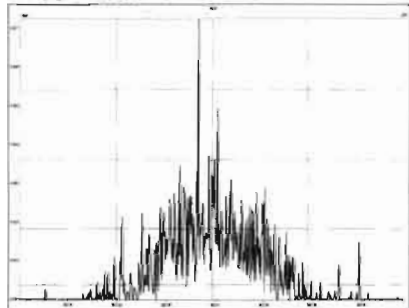
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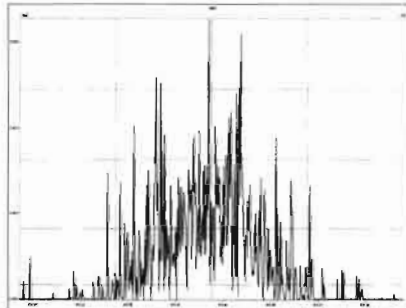
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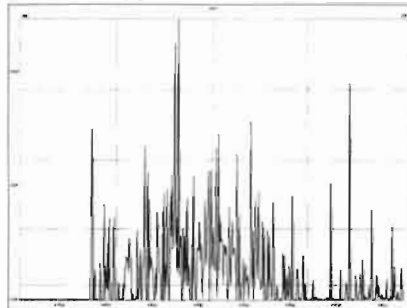
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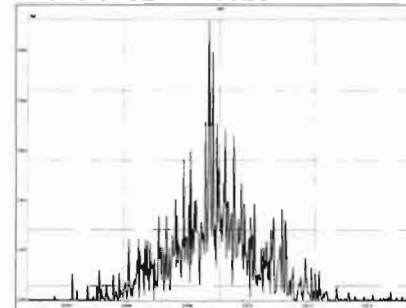
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M 416.9760 R 156745

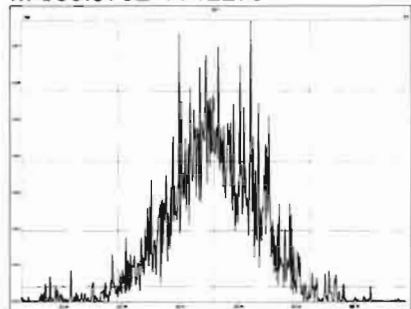


M 318.9792 R 13928

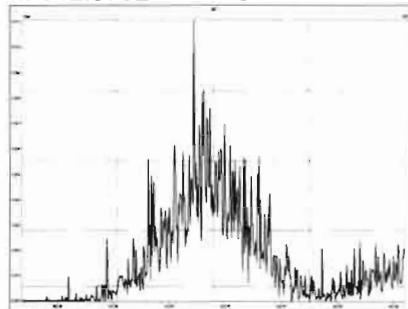


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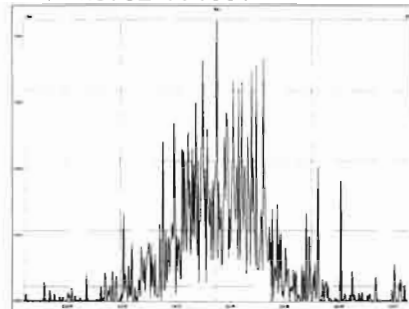
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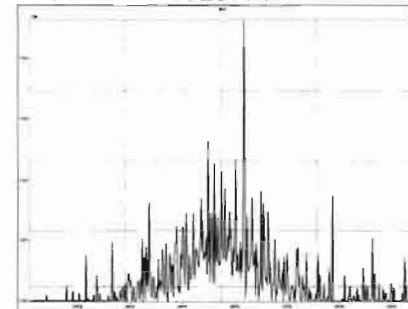
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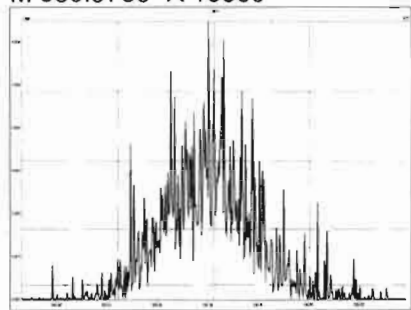
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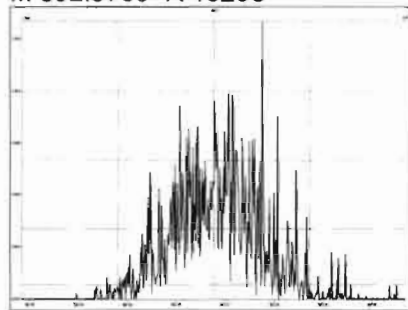
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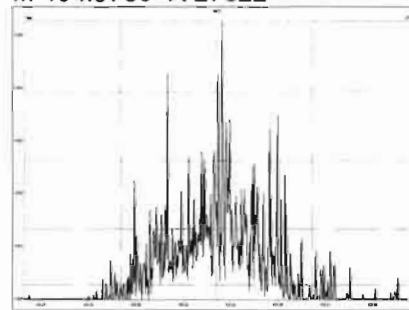
M 380.9760 R 15530



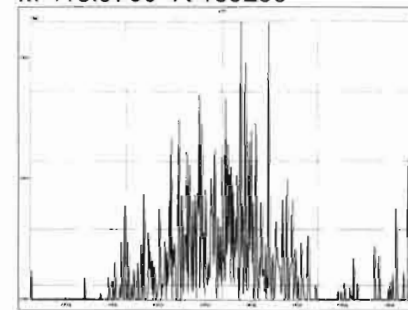
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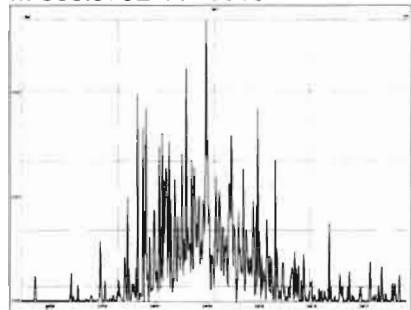
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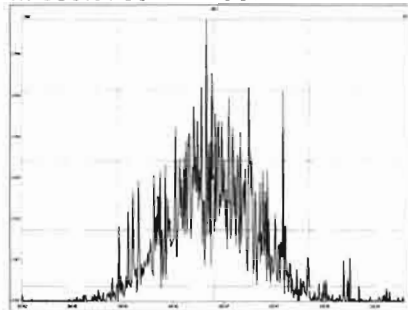
M 416.9760 R 139258



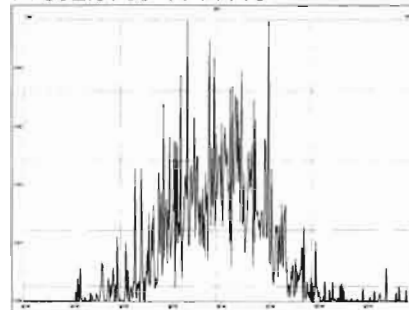
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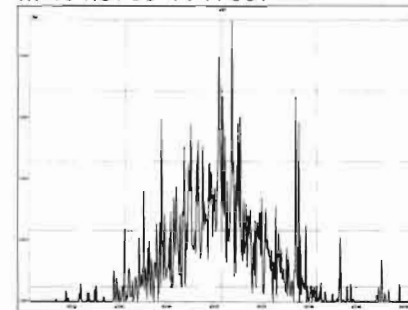
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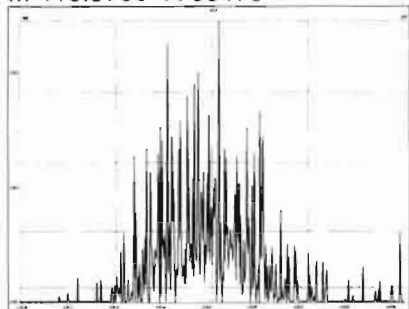
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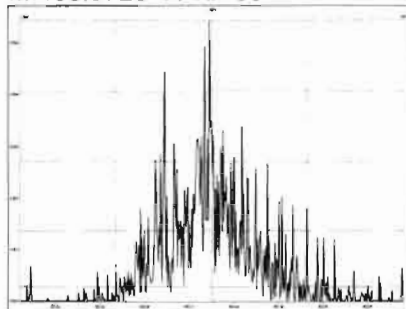
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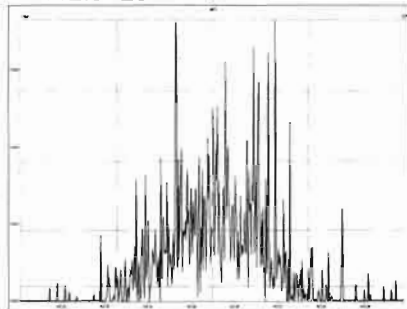
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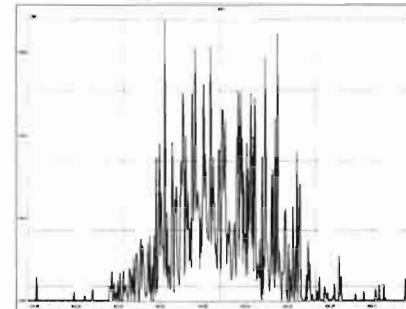
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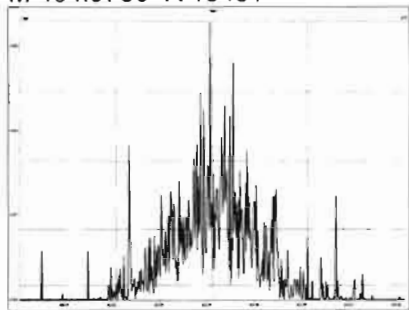
M 442.9728 R 21187



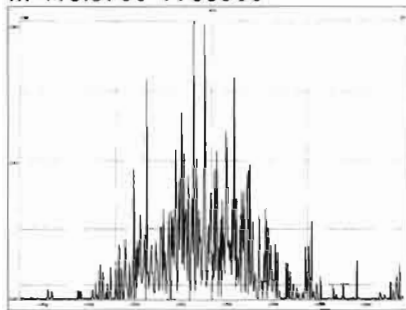
M 454.9728 R 28769



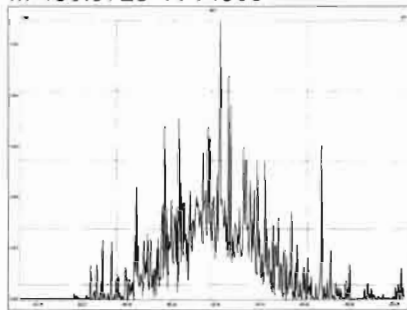
M 404.9760 R 15451



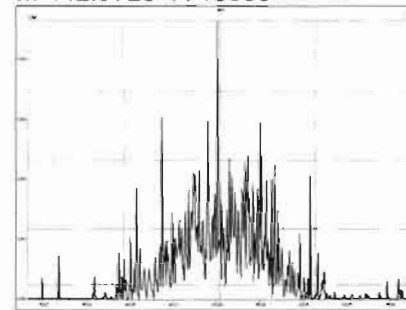
M 416.9760 R 63936



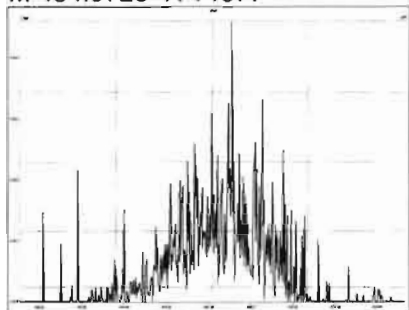
M 430.9728 R 14368



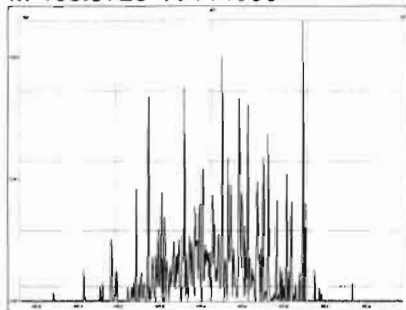
M 442.9728 R 16558



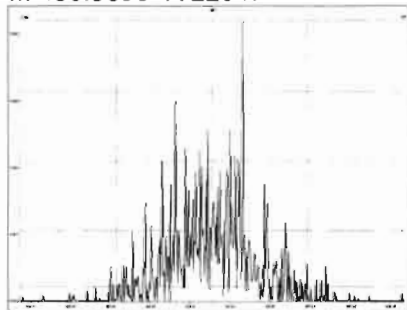
M 454.9728 R 14677



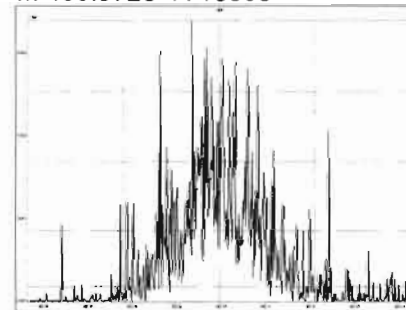
M 466.9728 R 114536



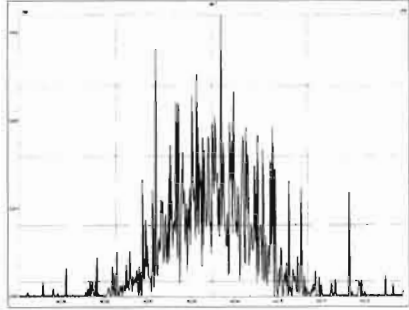
M 480.9696 R 22047



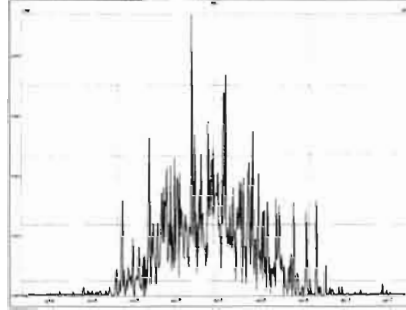
M 430.9728 R 13838



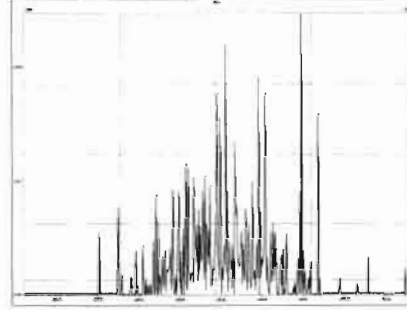
M 442.9728 R 15037



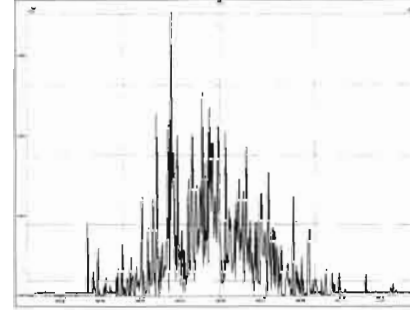
M 454.9728 R 19273



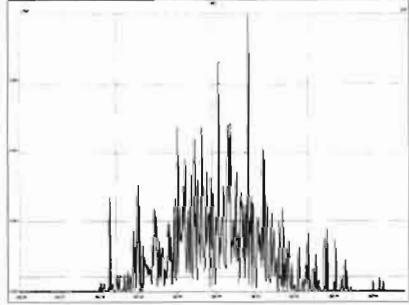
M 466.9728 R 145297



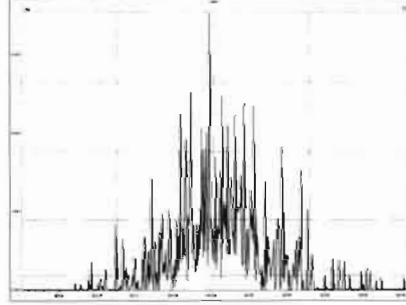
M 480.9696 R 21506



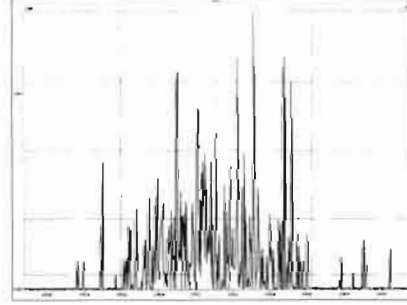
M 492.9696 R 19722



M 504.9696 R 41022



M 516.9697 R 714286



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST210427RL1

Reviewed By: DZ 04/29/21
Initials & Date

End Calibration ID: S7210427R2-1

	<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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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>HN</u>	<u>HN</u>
<u>Run Log:</u>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	<u>(Y)</u>	<u>N</u>
- Bottle position verified?	<u>HN</u>	

Mass resolution \geq

5k 6-8K 8K 10K
 1614 1699 429 1613/1668/8280

Intergrated peaks display correctly?

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\210427R1\210427R1_1.qld

Last Altered: Wednesday, April 28, 2021 12:08:28 PM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:09:07 PM Pacific Daylight Time

HN 04/28/21
DF 04/29/21

Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

#	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	2.39e4	2.80e5	0.74	NO	0.929	26.79	26.77	NO	1.001	1.001	9.1813	91.8	NO
2	2 1,2,3,7,8-PeCDD	8.57e4	2.22e5	0.60	NO	0.826	31.20	31.17	NO	1.001	1.000	46.747	93.5	NO
3	3 1,2,3,4,7,8-HxCDD	6.66e4	1.44e5	1.24	NO	0.972	34.54	34.54	NO	1.001	1.001	47.647	95.3	NO
4	4 1,2,3,6,7,8-HxCDD	6.52e4	1.58e5	1.24	NO	0.877	34.68	34.67	NO	1.001	1.000	46.943	93.9	NO
5	5 1,2,3,7,8,9-HxCDD	6.73e4	1.64e5	1.21	NO	0.874	34.94	34.95	NO	1.000	1.001	46.890	93.8	NO
6	6 1,2,3,4,6,7,8-HpCDD	4.86e4	1.18e5	1.05	NO	0.899	38.31	38.31	NO	1.000	1.000	45.718	91.4	NO
7	7 OCDD	8.08e4	2.03e5	0.87	NO	0.852	41.40	41.40	NO	1.000	1.000	93.471	93.5	NO
8	8 2,3,7,8-TCDF	2.35e4	3.58e5	0.73	NO	0.747	26.14	26.16	NO	1.000	1.001	8.7988	88.0	NO
9	9 1,2,3,7,8-PeCDF	1.16e5	2.85e5	1.54	NO	0.877	29.98	29.99	NO	1.000	1.001	46.339	92.7	NO
10	10 2,3,4,7,8-PeCDF	1.19e5	2.73e5	1.54	NO	0.962	31.01	31.00	NO	1.001	1.000	45.448	90.9	NO
11	11 1,2,3,4,7,8-HxCDF	7.14e4	1.68e5	1.19	NO	0.920	33.60	33.60	NO	1.000	1.000	46.231	92.5	NO
12	12 1,2,3,6,7,8-HxCDF	7.44e4	1.72e5	1.19	NO	0.936	33.74	33.74	NO	1.001	1.001	46.254	92.5	NO
13	13 2,3,4,6,7,8-HxCDF	6.96e4	1.52e5	1.21	NO	0.973	34.43	34.44	NO	1.001	1.001	47.056	94.1	NO
14	14 1,2,3,7,8,9-HxCDF	6.17e4	1.44e5	1.23	NO	0.940	35.49	35.49	NO	1.000	1.000	45.609	91.2	NO
15	15 1,2,3,4,6,7,8-HpCDF	5.51e4	1.14e5	1.00	NO	1.05	37.12	37.11	NO	1.000	1.000	46.227	92.5	NO
16	16 1,2,3,4,7,8,9-HpCDF	4.29e4	8.90e4	0.98	NO	1.05	38.97	38.96	NO	1.000	1.000	46.121	92.2	NO
17	17 OCDF	7.63e4	2.18e5	0.88	NO	0.771	41.73	41.74	NO	1.000	1.000	90.668	90.7	NO
18	18 13C-2,3,7,8-TCDD	2.80e5	2.52e5	0.78	NO	1.10	26.75	26.75	NO	1.027	1.027	101.02	101	NO
19	19 13C-1,2,3,7,8-PeCDD	2.22e5	2.52e5	0.60	NO	0.864	31.14	31.17	NO	1.196	1.197	102.29	102	NO
20	20 13C-1,2,3,4,7,8-HxCDD	1.44e5	1.67e5	1.27	NO	0.746	34.52	34.52	NO	1.014	1.014	115.14	115	NO
21	21 13C-1,2,3,6,7,8-HxCDD	1.58e5	1.67e5	1.24	NO	0.847	34.64	34.65	NO	1.017	1.018	111.81	112	NO
22	22 13C-1,2,3,7,8,9-HxCDD	1.64e5	1.67e5	1.27	NO	0.868	34.94	34.93	NO	1.026	1.026	113.11	113	NO
23	23 13C-1,2,3,4,6,7,8-HpCDD	1.18e5	1.67e5	1.04	NO	0.664	38.29	38.30	NO	1.125	1.125	106.37	106	NO
24	24 13C-OCDD	2.03e5	1.67e5	0.91	NO	0.561	41.24	41.39	NO	1.211	1.216	216.31	108	NO
25	25 13C-2,3,7,8-TCDF	3.58e5	3.32e5	0.77	NO	1.09	26.13	26.13	NO	1.003	1.003	98.714	98.7	NO
26	26 13C-1,2,3,7,8-PeCDF	2.85e5	3.32e5	1.63	NO	0.809	29.87	29.98	NO	1.147	1.151	105.98	106	NO
27	27 13C-2,3,4,7,8-PeCDF	2.73e5	3.32e5	1.55	NO	0.803	30.83	30.99	NO	1.184	1.190	102.31	102	NO
28	28 13C-1,2,3,4,7,8-HxCDF	1.68e5	1.67e5	0.49	NO	1.01	33.59	33.59	NO	0.987	0.986	99.195	99.2	NO
29	29 13C-1,2,3,6,7,8-HxCDF	1.72e5	1.67e5	0.51	NO	1.07	33.72	33.72	NO	0.990	0.990	95.672	95.7	NO
30	30 13C-2,3,4,6,7,8-HxCDF	1.52e5	1.67e5	0.48	NO	0.910	34.41	34.41	NO	1.011	1.011	99.897	99.9	NO
31	31 13C-1,2,3,7,8,9-HxCDF	1.44e5	1.67e5	0.49	NO	0.828	35.49	35.48	NO	1.042	1.042	103.88	104	NO

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Wednesday, April 28, 2021 12:08:28 PM Pacific Daylight Time

Printed: Wednesday, April 28, 2021 12:09:07 PM Pacific Daylight Time

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

#	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	1.14e5	1.67e5	0.41	NO	0.661	37.10	37.10	NO	1.090	1.090	102.85	103	NO
33	33 13C-1,2,3,4,7,8,9-HpCDF	8.90e4	1.67e5	0.41	NO	0.566	38.86	38.96	NO	1.141	1.144	94.039	94.0	NO
34	34 13C-OCDF	2.18e5	1.67e5	0.86	NO	0.663	41.63	41.72	NO	1.223	1.225	196.80	98.4	NO
35	35 37Cl-2,3,7,8-TCDD	4.93e4	2.52e5			2.07	26.95	26.77	NO	1.035	1.028	9.4797	94.8	NO
36	36 13C-1,2,3,4-TCDD	2.52e5	2.52e5	0.75	NO	1.00	26.07	26.05	NO	1.000	1.000	100.00	100	NO
37	37 13C-1,2,3,4-TCDF	3.32e5	3.32e5	0.78	NO	1.00	24.76	24.73	NO	1.000	1.000	100.00	100	NO
38	38 13C-1,2,3,4,6,9-HxCDF	1.67e5	1.67e5	0.49	NO	1.00	34.04	34.05	NO	1.000	1.000	100.00	100	YES

OK

Dataset: Untitled

Last Altered: Wednesday, April 28, 2021 12:11:54 PM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:12:18 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-27-21.mdb'27 Apr 2021 17:33:38
Calibration: U:\VG12.PRO\CurveDB\ldbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Compound name: 2,3,7,8-TCDD

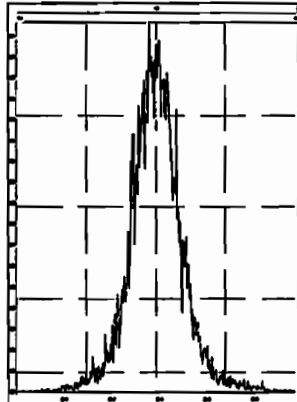
	Name	ID	Acq.Date	Acq.Time
1	210427R1_1	ST210427R1_1 1613 CS3 21C0105	27-Apr-21	09:02:30
2	210427R1_2	(A)		
3	210427R1_3	B1D0143-BS4 OPR 1	27-Apr-21	10:31:17
4	210427R1_4	B1D0181-BS1 OPR 10	27-Apr-21	11:22:38
5	210427R1_5	SOLVENT BLANK	27-Apr-21	12:11:20
6	210427R1_6	B1D0181-BLK1 Method Blank 10	27-Apr-21	12:56:17
7	210427R1_7	HRMS-210427-01	27-Apr-21	13:45:41
8	210427R1_8	2104002-03RE1 USMPDI-073SS-210330 11.7	27-Apr-21	14:30:40
9	210427R1_9	2104131-02RE1 USMPDI-017SG-210412 27.83	27-Apr-21	15:23:05
10	210427R1_10	2104185-01 USMPDI-010SG-210414 23.47	27-Apr-21	16:07:23
11	210427R1_11	2104185-02 USMPDI-015SG-210414 25.03	27-Apr-21	16:51:38
12	210427R1_12	2104185-03 USMPDI-019SG-210414 24.22	27-Apr-21	17:35:51
13	210427R1_13	2104185-04 USMPDI-029SG-210414 30.67	27-Apr-21	18:20:07
14	210427R1_14	2104188-01 USMPDI-008SG-210413 24.57	27-Apr-21	19:04:22
15	210427R2_1	SOLVENT BLANK	27-Apr-21	19:57:34
16	210427R2_2	ST210427R2_1 1613 CS3 21C0105	27-Apr-21	20:41:53

(A) Instrument paused, re injected sample H1204/28/21 H1003

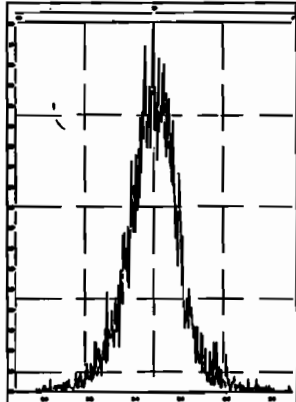
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Tuesday, April 27, 2021 08:54:49 Pacific Daylight Time

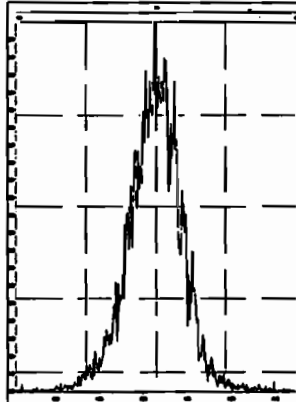
M 292.9824 R 12567



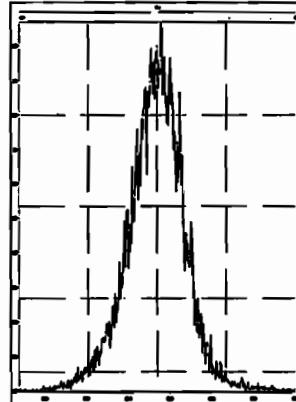
M 304.9824 R 13299



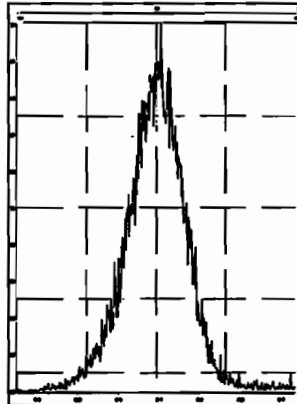
M 318.9792 R 12375



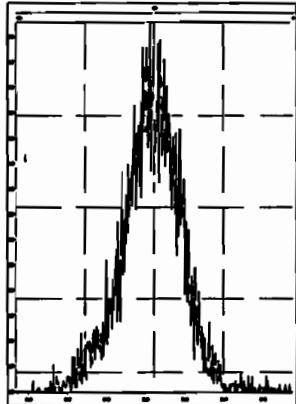
M 330.9792 R 11064



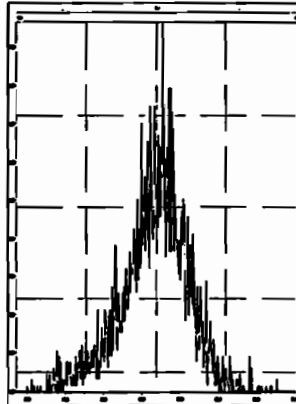
M 342.9792 R 10504



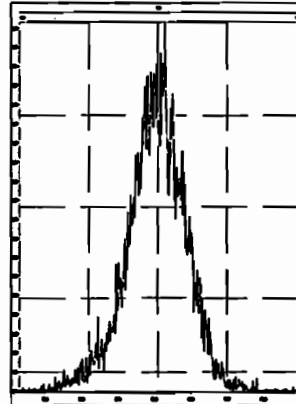
M 354.9792 R 11108



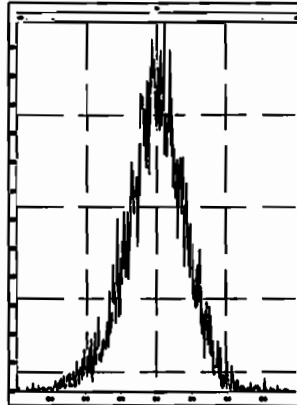
M 366.9792 R 10638



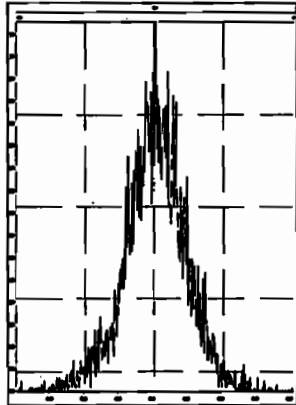
M 380.9760 R 11015



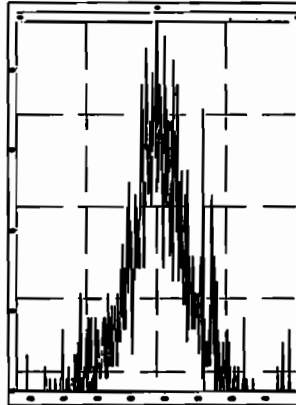
M 392.9760 R 10823



M 404.9760 R 11362



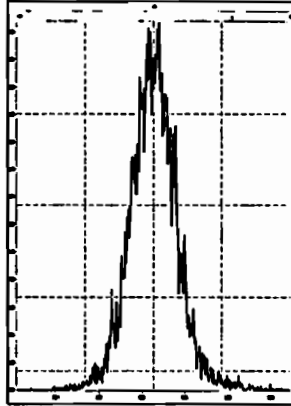
M 416.9760 R 13158



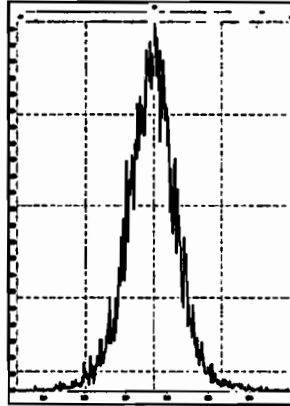
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Tuesday, April 27, 2021 08:55:53 Pacific Daylight Time

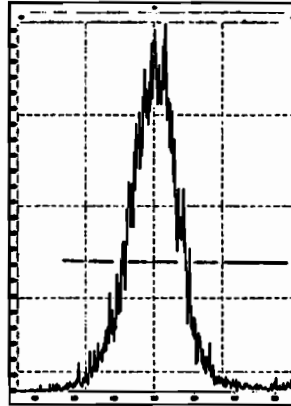
M 318.9792 R 14043



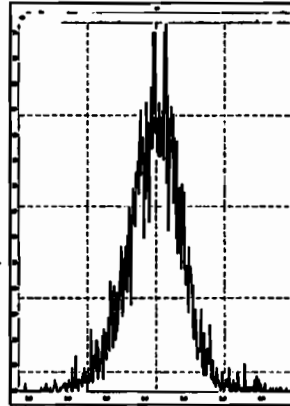
M 330.9792 R 12434



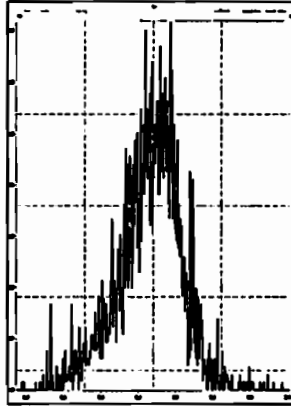
M 342.9792 R 12140



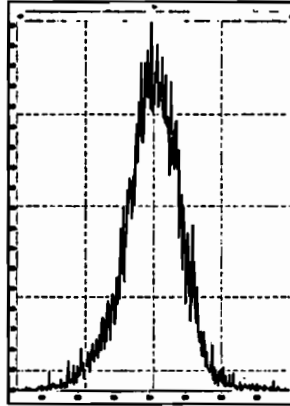
M 354.9792 R 12757



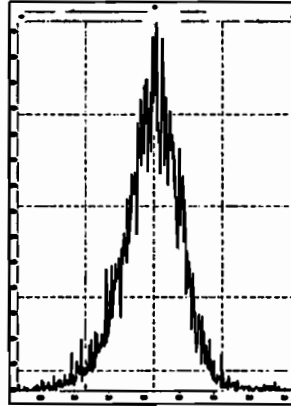
M 366.9792 R 10729



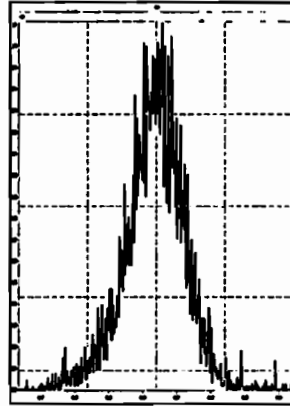
M 380.9760 R 10595



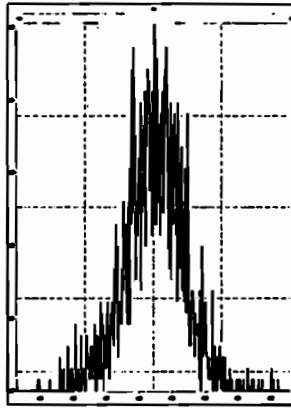
M 392.9760 R 10869



M 404.9760 R 11015



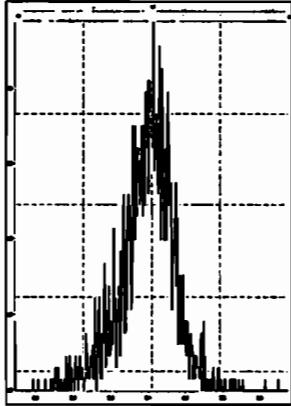
M 416.9760 R 15060



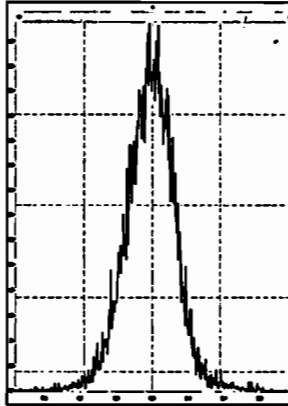
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Tuesday, April 27, 2021 08:57:08 Pacific Daylight Time

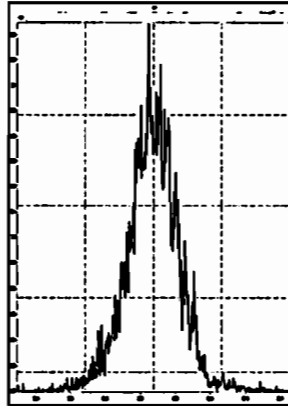
M 366.9792 R 14206



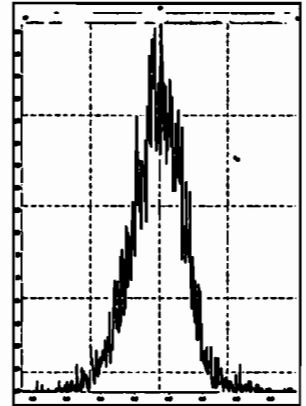
M 380.9760 R 12819



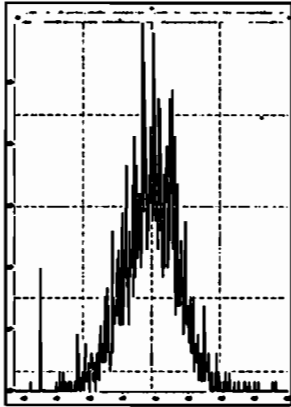
M 392.9760 R 11963



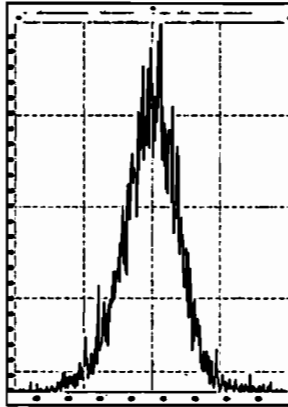
M 404.9760 R 12077



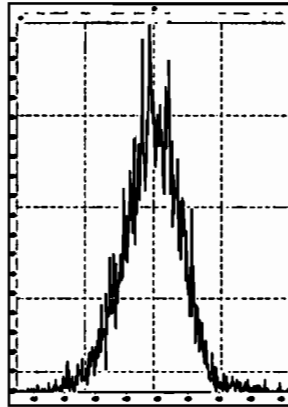
M 416.9760 R 13091



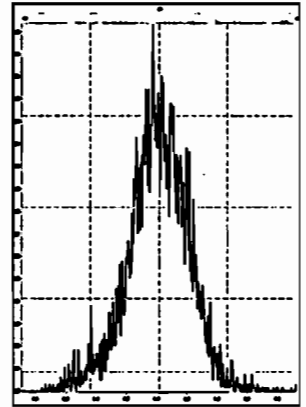
M 430.9728 R 11312



M 442.9728 R 11310



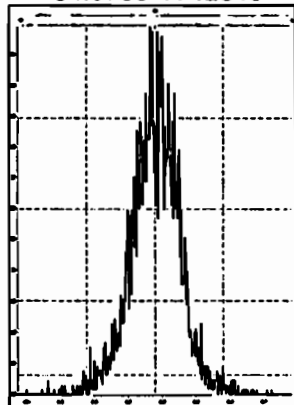
M 454.9728 R 12376



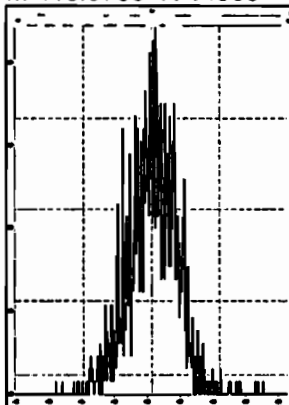
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Tuesday, April 27, 2021 08:57:53 Pacific Daylight Time

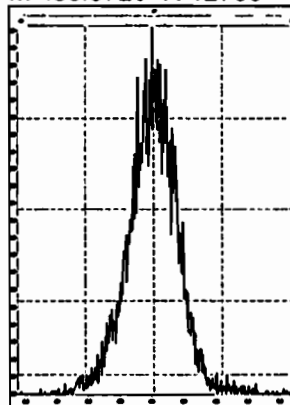
M 404.9760 R 12315



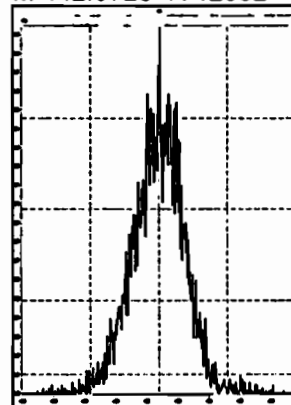
M 416.9760 R 14538



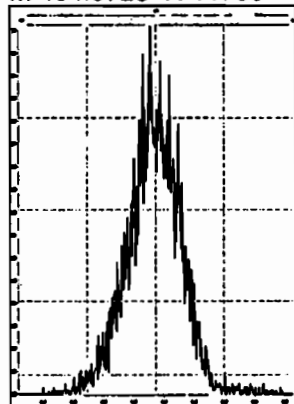
M 430.9728 R 12756



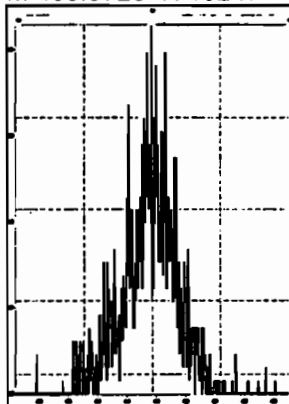
M 442.9728 R 12952



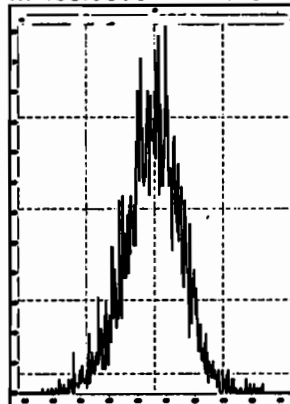
M 454.9728 R 11738



M 466.9728 R 18247



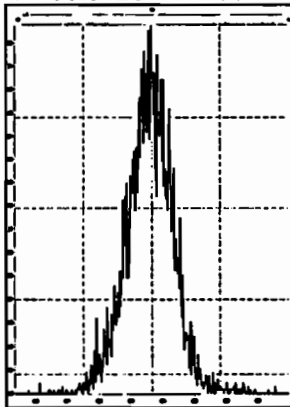
M 480.9696 R 11413



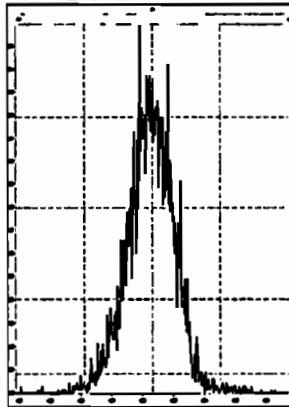
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Tuesday, April 27, 2021 08:58:34 Pacific Daylight Time

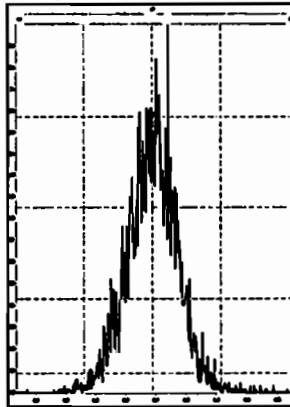
M 430.9728 R 14367



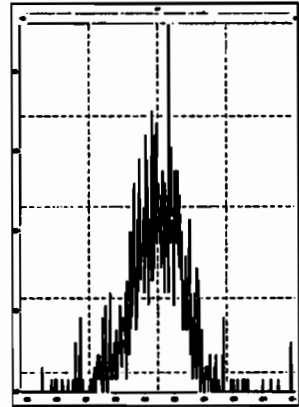
M 442.9728 R 13890



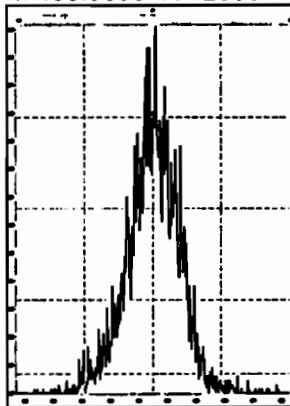
M 454.9728 R 12254



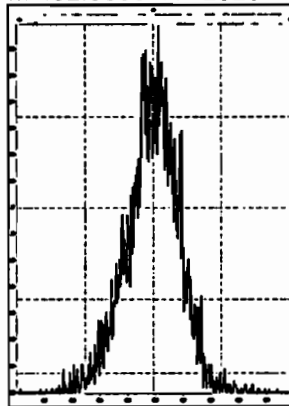
M 466.9728 R 13663



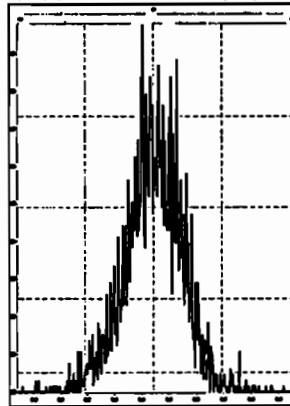
M 480.9696 R 12500



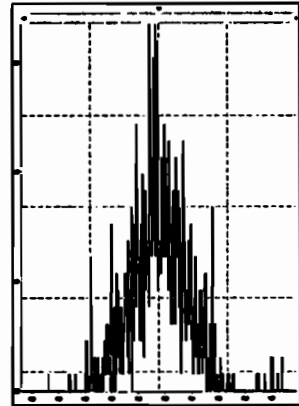
M 492.9696 R 12628



M 504.9696 R 11849



M 516.9697 R 13660



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_CPSM.qld

Last Altered: Wednesday, April 28, 2021 12:06:08 PM Pacific Daylight Time

Printed: Wednesday, April 28, 2021 12:06:59 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 17 Apr 2021 09:05:16

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

	#	Name	RT
1	1	1,3,6,8-TCDD (First)	23.37
2	2	1,2,8,9-TCDD (Last)	27.60
3	3	1,2,4,7,9-PeCDD (First)	29.01
4	4	1,2,3,8,9-PeCDD (Last)	31.51
5	5	1,2,4,6,7,9-HxCDD (First)	32.80
6	6	1,2,3,7,8,9-HxCDD (Last)	34.95
7	7	1,2,3,4,6,7,9-HpCDD (First)	37.44
8	8	1,2,3,4,6,7,8-HpCDD (Last)	38.31
9	9	1,3,6,8-TCDF (First)	21.27
10	10	1,2,8,9-TCDF (Last)	27.91
11	11	1,3,4,6,8-PeCDF (First)	27.46
12	12	1,2,3,8,9-PeCDF (Last)	31.89
13	13	1,2,3,4,6,8-HxCDF (First)	32.26
14	14	1,2,3,7,8,9-HxCDF (Last)	35.49
15	15	1,2,3,4,6,7,8-HpCDF (First)	37.11
16	16	1,2,3,4,7,8,9-HpCDF (Last)	38.96

Dataset: U:\VG12.PRO\Results\210427R1\210427R1_CPSM.qld

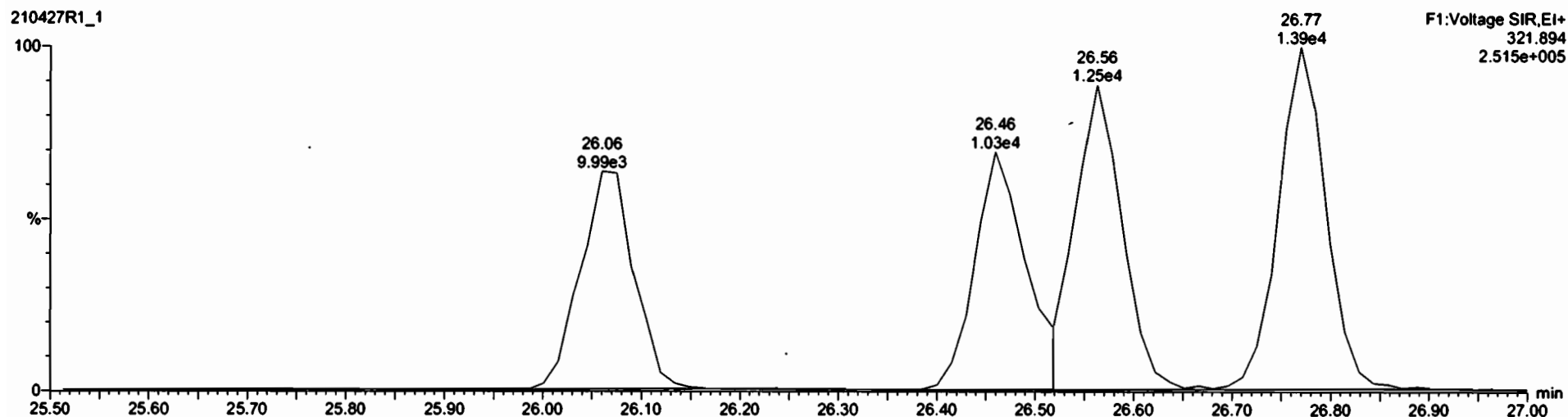
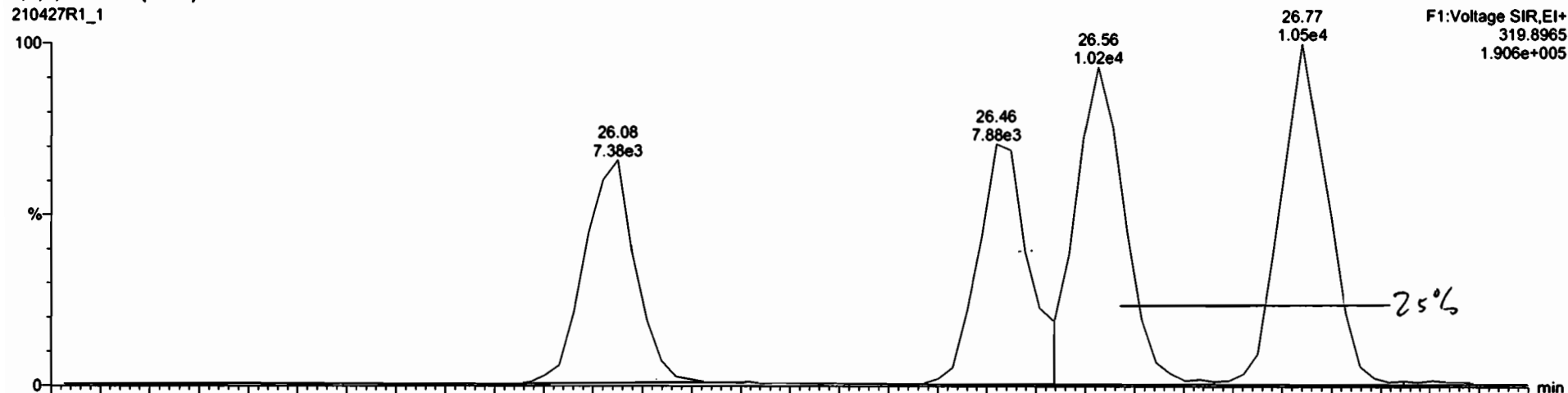
Last Altered: Wednesday, April 28, 2021 12:06:08 PM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:06:59 PM Pacific Daylight Time

FIN 04/28/21

Method: U:\VG12.PRO\MethDB\CPSM.mdb 17 Apr 2021 09:05:16
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,3,6,8-TCDD (First)
210427R1_1



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_CPSM.qld

Last Altered: Wednesday, April 28, 2021 12:06:08 PM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:06:59 PM Pacific Daylight Time

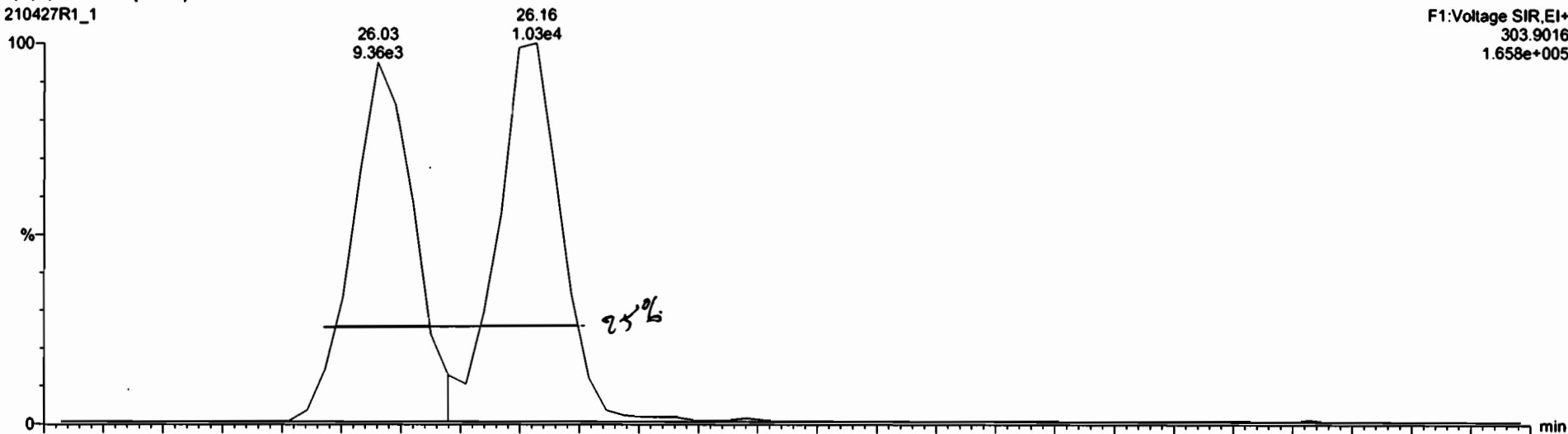
FIN 04/28/21

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,3,6,8-TCDF (First)

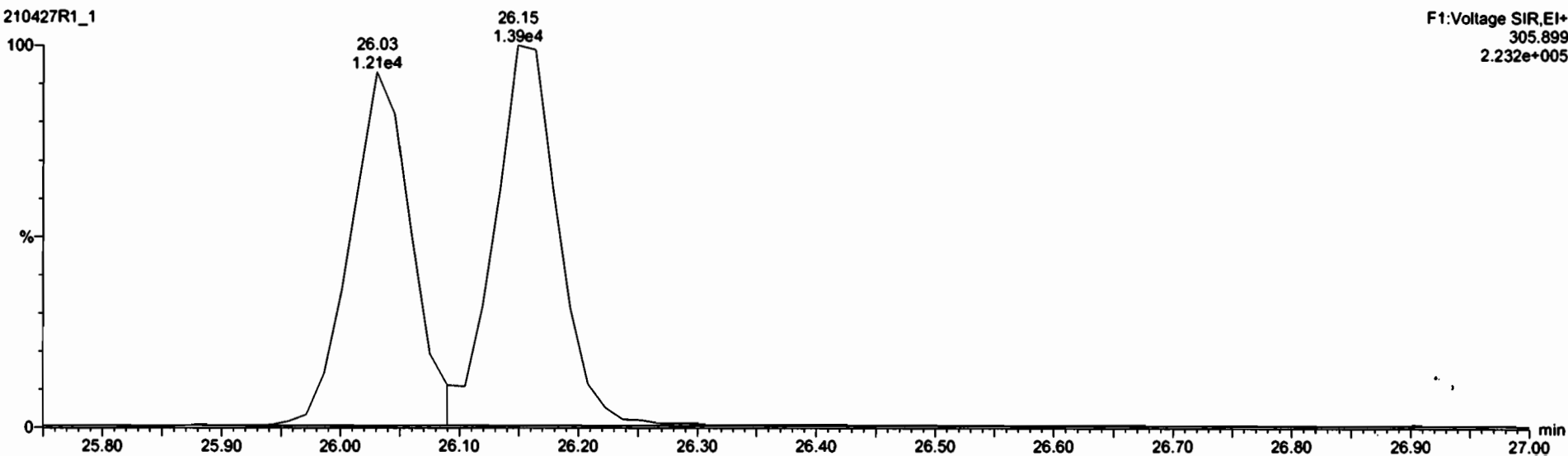
210427R1_1

F1:Voltage SIR,EI+
303.9016
1.658e+005



210427R1_1

F1:Voltage SIR,EI+
305.899
2.232e+005



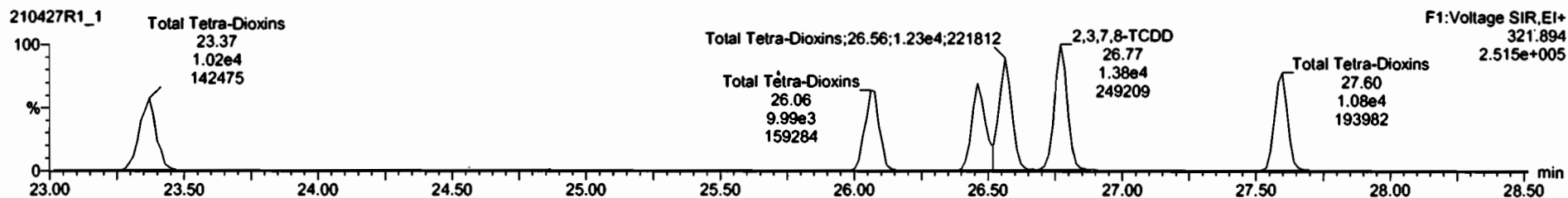
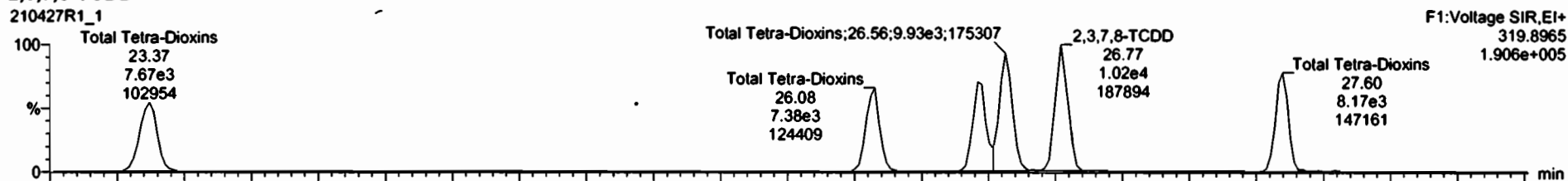
Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

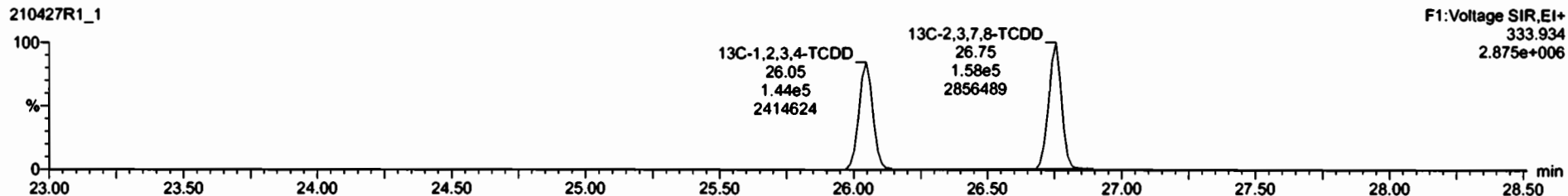
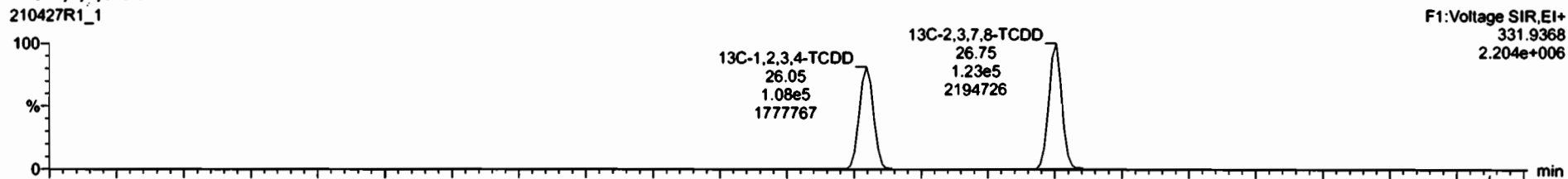
Method: U:\VG12.PRO\MethDB\1613rrt-04-16-21.mdb 16 Apr 2021 14:01:39
Calibration: U:\VG12.PRO\CurveDB\1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

2,3,7,8-TCDD



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

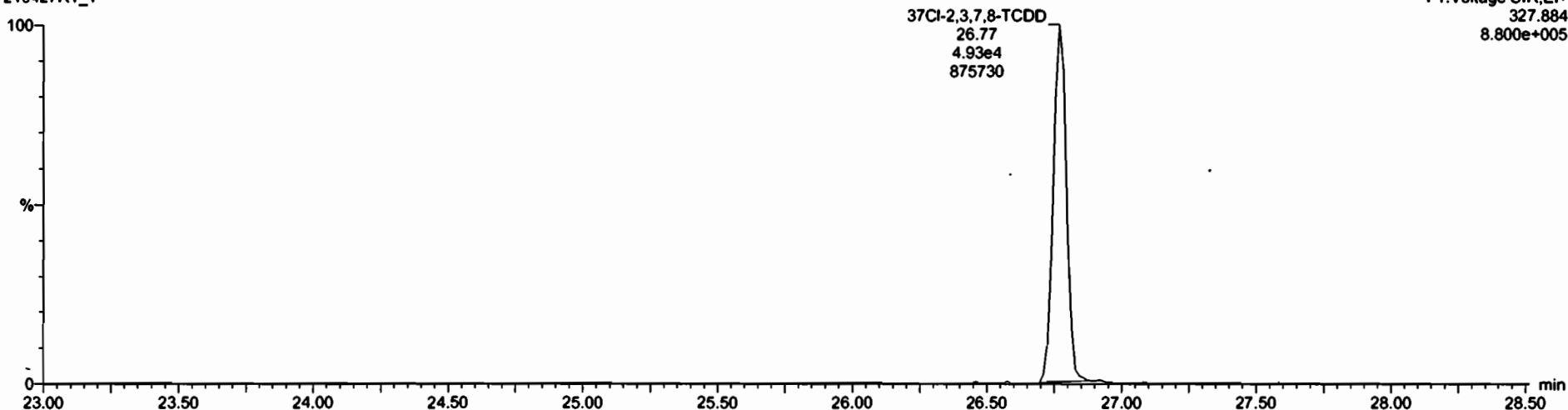


Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

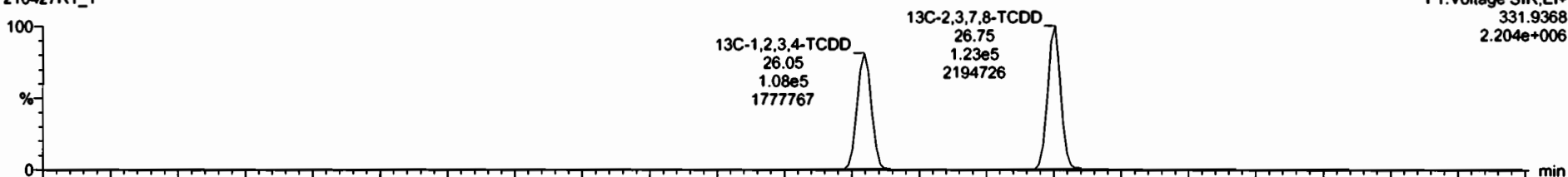
Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

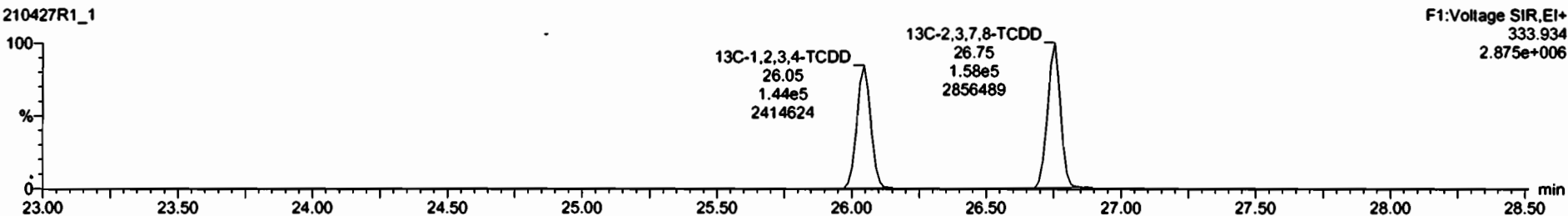
37Cl-2,3,7,8-TCDD
210427R1_1



13C-1,2,3,4-TCDD
210427R1_1



210427R1_1



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

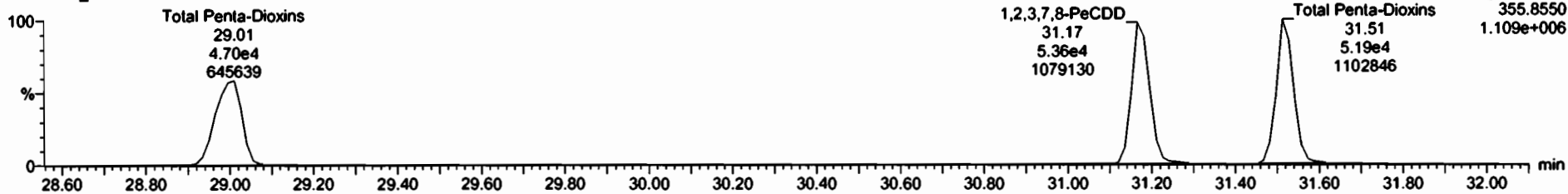
Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,2,3,7,8-PeCDD

210427R1_1



210427R1_1

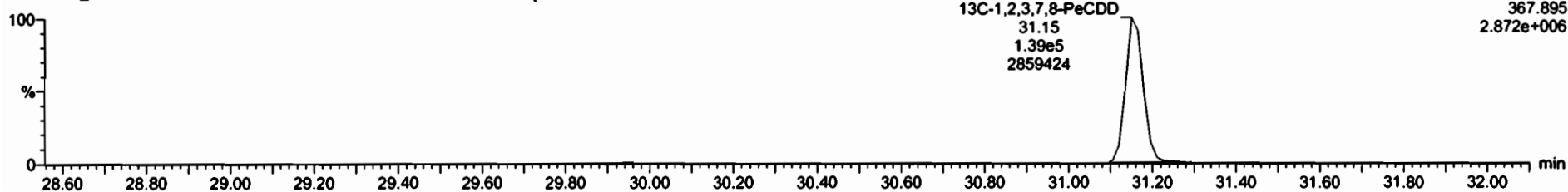


13C-1,2,3,7,8-PeCDD

210427R1_1



210427R1_1



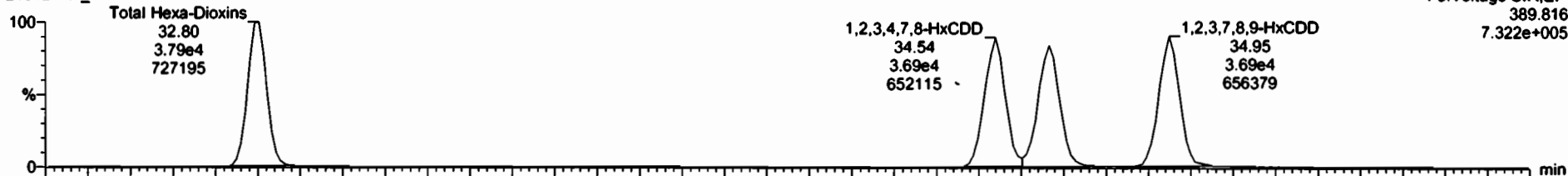
Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

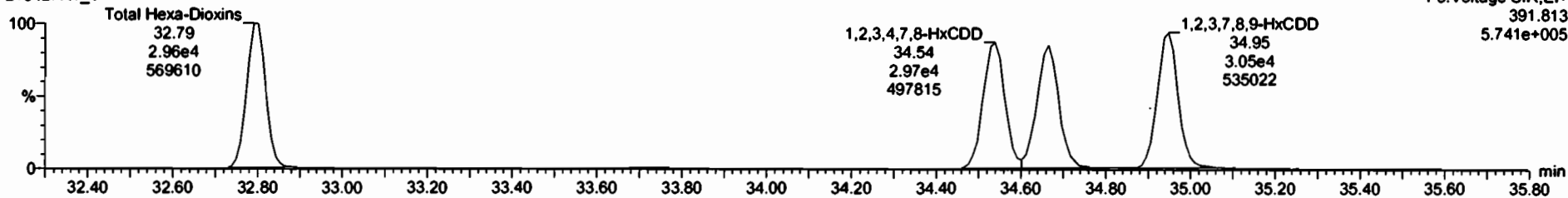
Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

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

210427R1_1

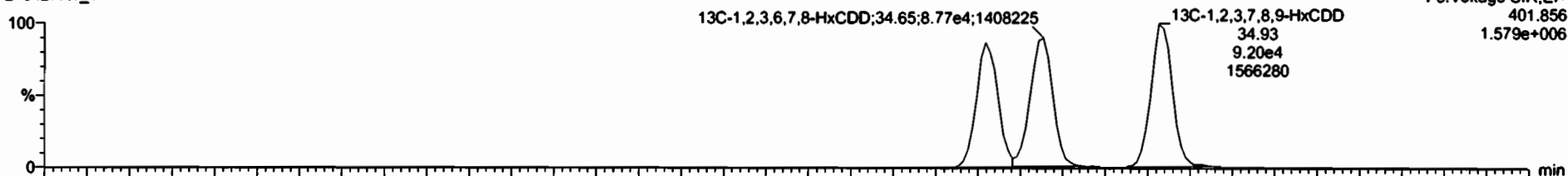


210427R1_1

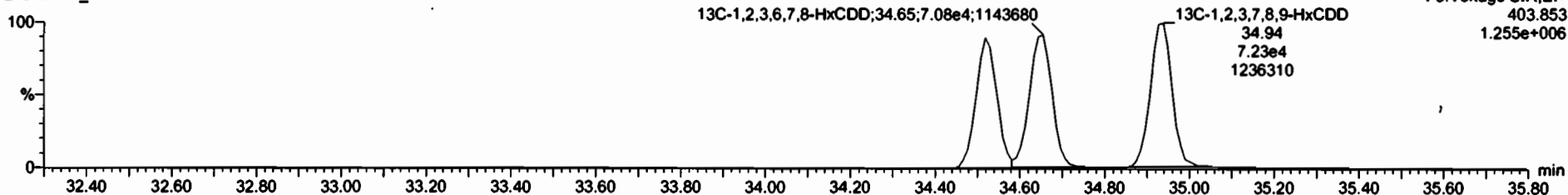


13C-1,2,3,4,7,8-HxCDD

210427R1_1



210427R1_1



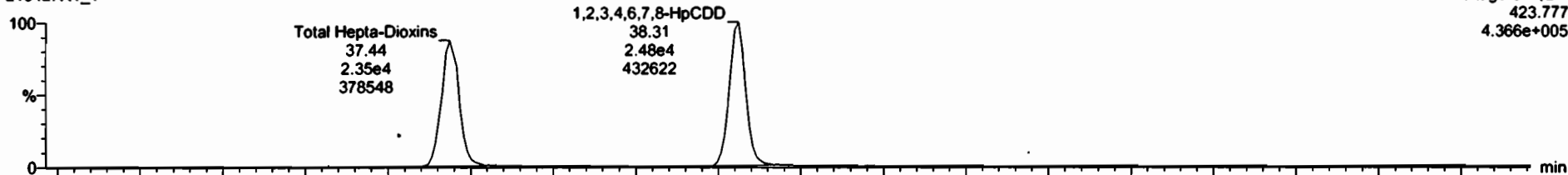
Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

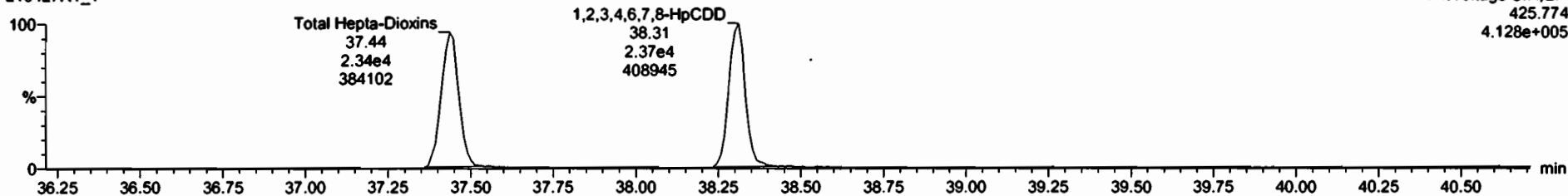
Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

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

210427R1_1

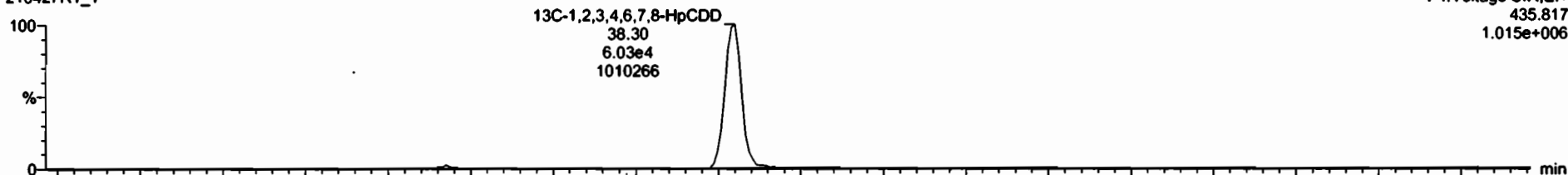


210427R1_1

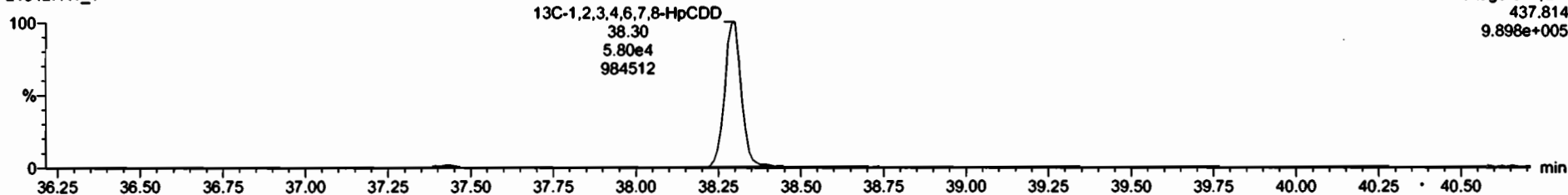


13C-1,2,3,4,6,7,8-HpCDD

210427R1_1



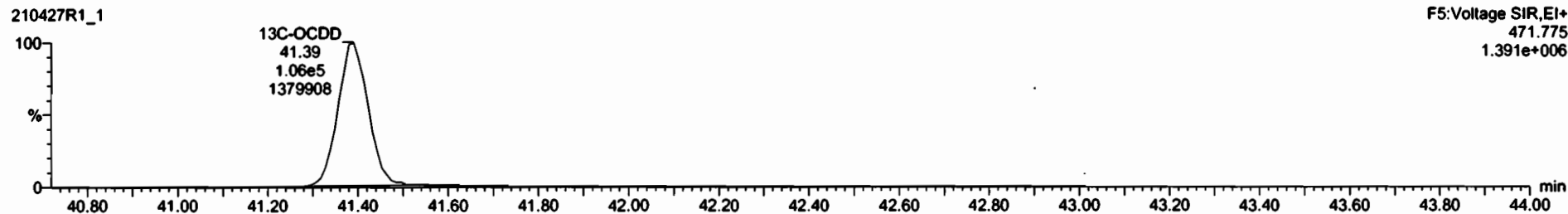
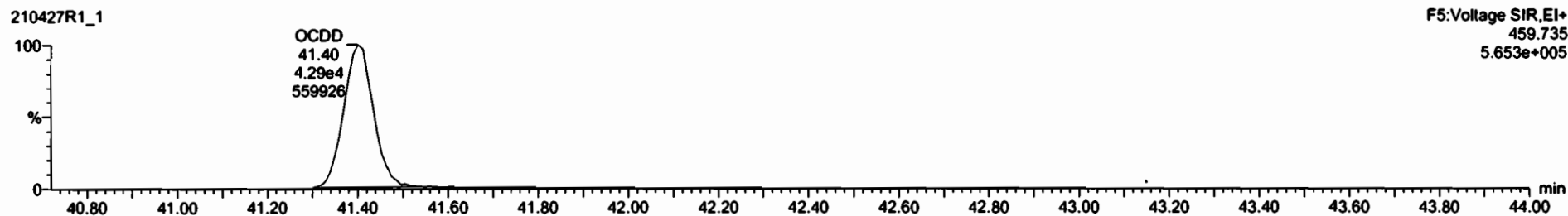
210427R1_1



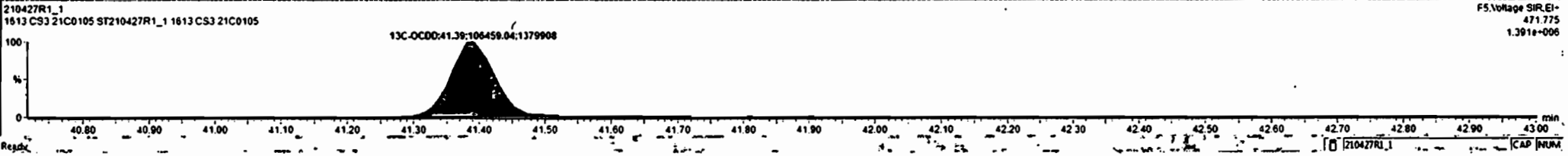
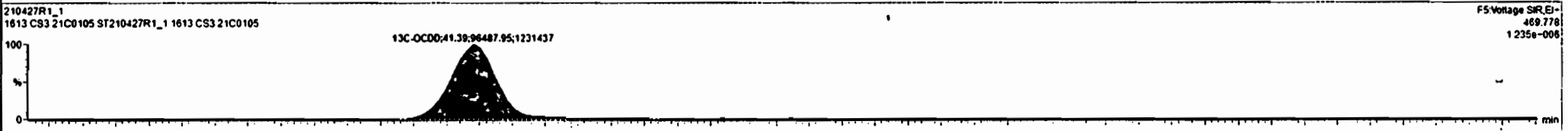
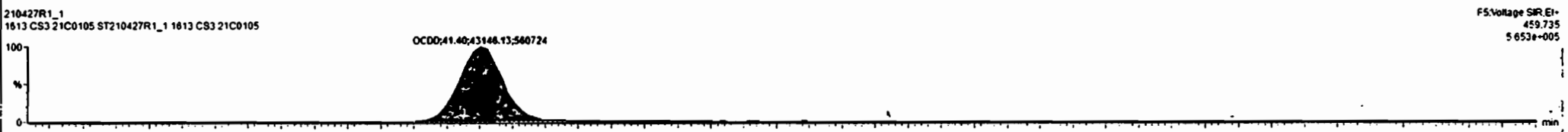
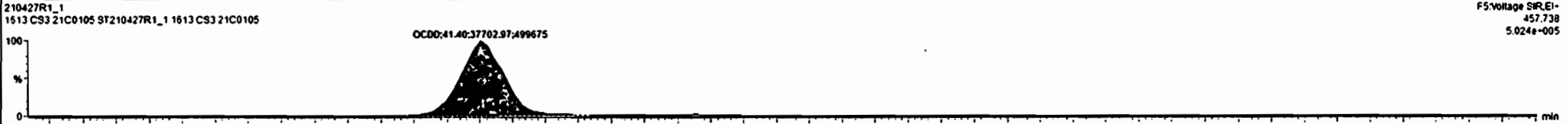
Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105



#	Name	Resp	IS Resp	Pred RA	RA	nly	r-RF	Pred RT	RT	RT Flag	Pred RRT	RFT	Conc	%Rec	STD out
1	1,2,3,7,8-TCDD	2.39e4	2.86e5	0.77	0.74	NO	0.9291	26.79	26.77	NO	1.001	1.001	9.18	91.8	NO
2	1,2,3,7,8-PeCDD	8.57e4	2.22e5	0.63	0.65	NO	0.6257	31.20	31.17	NO	1.001	1.000	48.7	93.5	NO
3	1,2,3,4,7,8-HxCDD	6.96e4	1.44e5	1.24	1.24	NO	0.9725	34.54	34.54	NO	1.001	1.001	47.6	95.3	NO
4	1,2,3,6,7,8-HxCDD	6.52e4	1.58e5	1.24	1.24	NO	0.8771	34.68	34.67	NO	1.001	1.000	46.9	93.9	NO
5	1,2,3,7,8,9-HxCDD	6.73e4	1.64e5	1.24	1.21	NO	0.8739	34.94	34.95	NO	1.000	1.001	46.0	93.8	NO
6	1,2,3,4,6,7,8-HpCDD	4.86e4	1.16e5	1.04	1.05	NO	0.8367	38.31	38.31	NO	1.000	1.000	45.7	91.4	NO
7	OCDD	8.08e4	2.03e5	0.89	0.87	NO	0.8524	41.48	41.48	NO	1.000	1.000	93.5	93.5	NO
8	2,3,7,8-TCDF	2.35e4	3.58e5	0.77	0.73	NO	0.7468	26.14	26.16	NO	1.000	1.001	8.80	88.0	NO
9	1,2,3,7,8-PeCDF	1.16e5	2.85e5	1.55	1.54	NO	0.8771	29.98	29.99	NO	1.000	1.001	48.1	92.7	NO
10	1,2,3,4,7,8-PeCDF	1.19e5	2.73e5	1.55	1.54	NO	0.9621	31.01	31.00	NO	1.001	1.000	45.4	90.9	NO
11	1,2,3,4,7,8-HxCDF	7.14e4	1.68e5	1.24	1.19	NO	0.5292	33.60	33.60	NO	1.000	1.000	48.2	92.5	NO
12	1,2,3,6,7,8-HxCDF	7.44e4	1.72e5	1.24	1.19	NO	0.9363	33.74	33.74	NO	1.001	1.001	46.3	92.5	NO
13	2,3,4,6,7,8-HxCDF	6.96e4	1.52e5	1.24	1.21	NO	0.5725	34.43	34.44	NO	1.001	1.001	47.1	94.1	NO



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

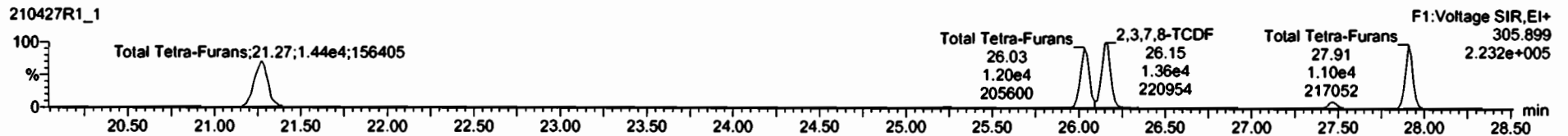
Name: 210427R1_1, Date: 27-Apr-2021, Time: 09:02:30, ID: ST210427R1_1 1613 CS3 21C0105, Description: 1613 CS3 21C0105

2,3,7,8-TCDF

210427R1_1

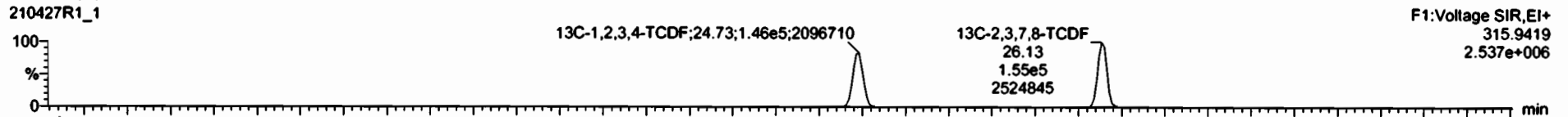


210427R1_1

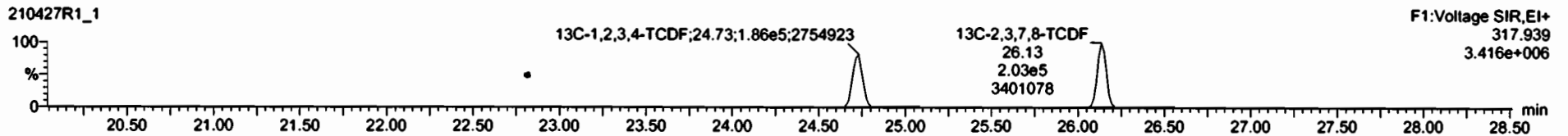


13C-2,3,7,8-TCDF

210427R1_1

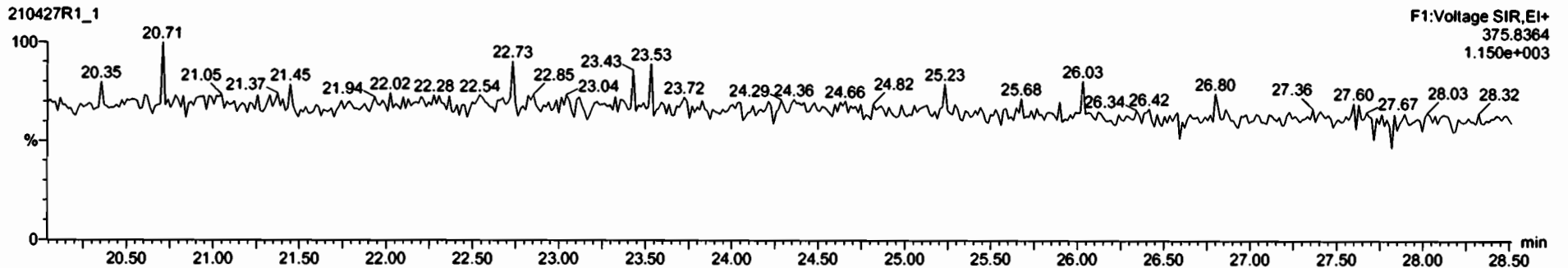


210427R1_1



DPE1

210427R1_1



Dataset: U:\VG12.PRO\Results\210427R1\210427R1_1.qld

Last Altered: Tuesday, April 27, 2021 9:49:06 AM Pacific Daylight Time
Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

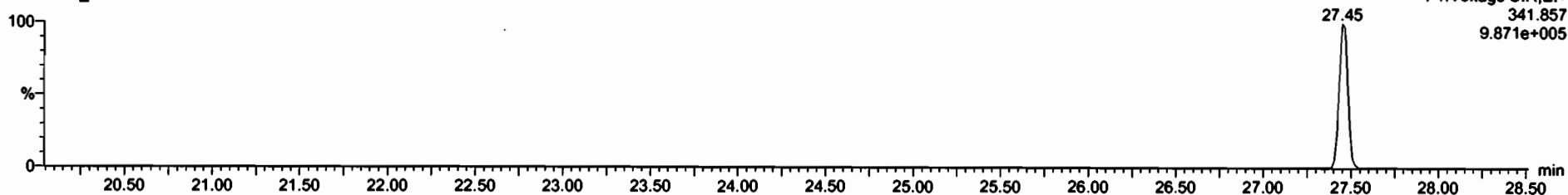
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1st Func. Penta-Furans

210427R1_1

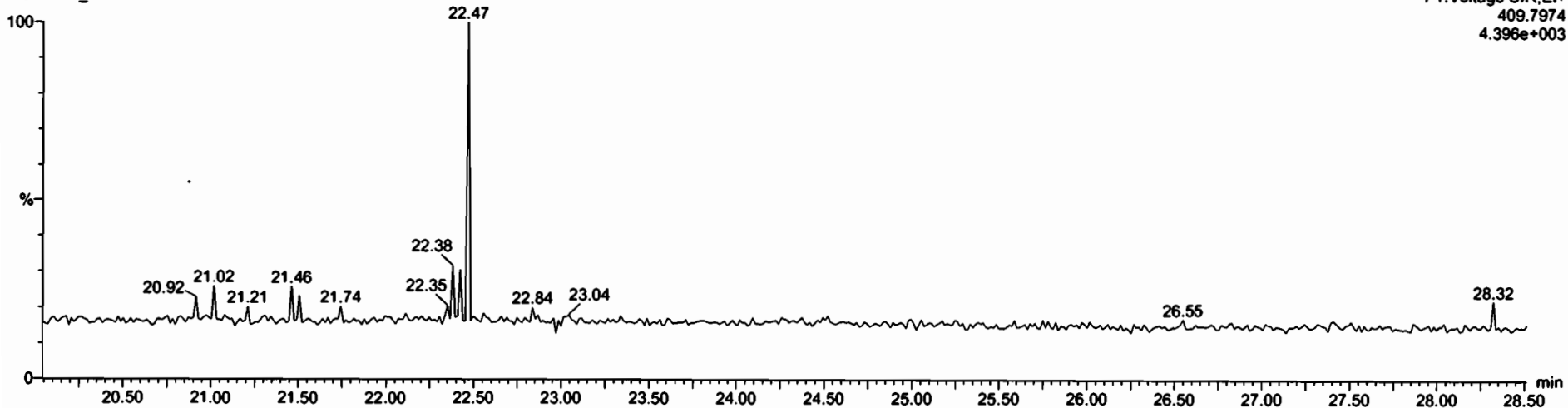


210427R1_1



DPE6

210427R1_1



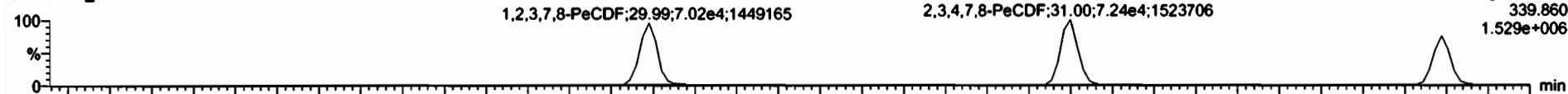
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Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

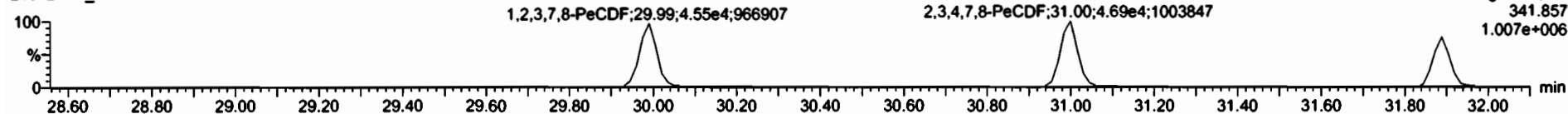
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1,2,3,7,8-PeCDF

210427R1_1

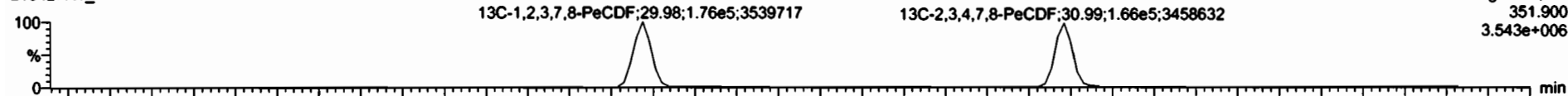


210427R1_1

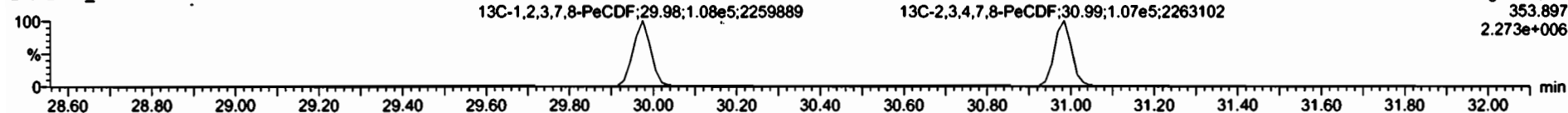


13C-1,2,3,7,8-PeCDF

210427R1_1

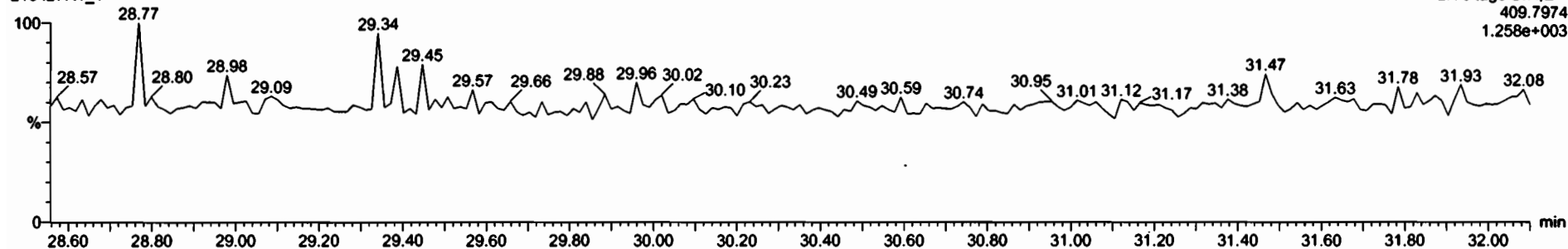


210427R1_1



DPE2

210427R1_1

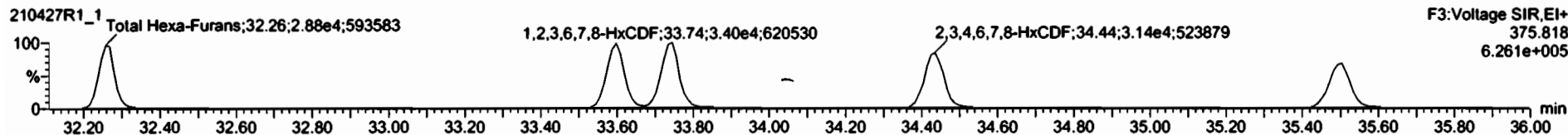
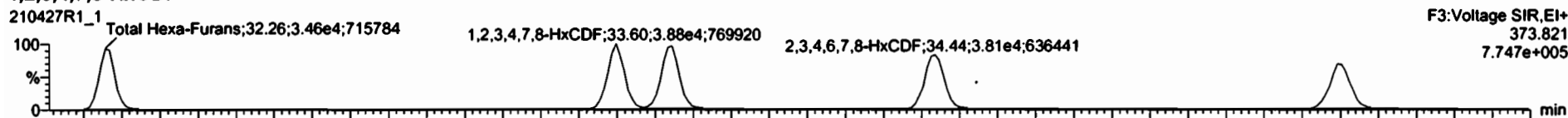


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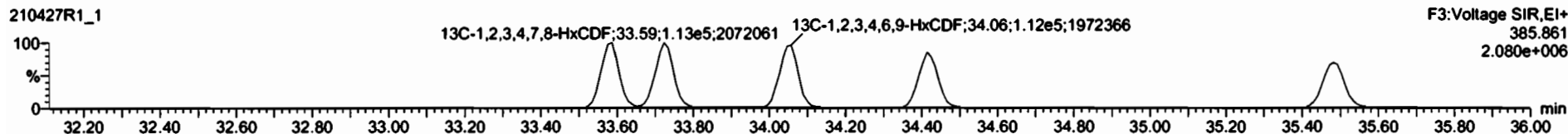
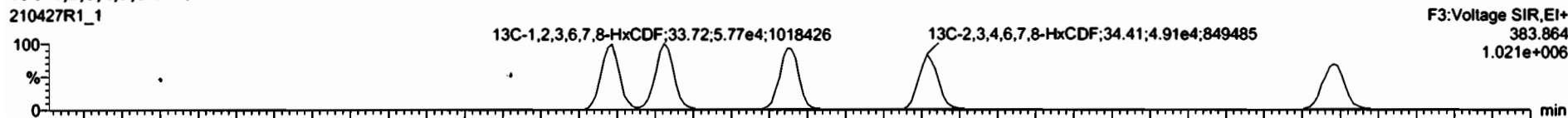
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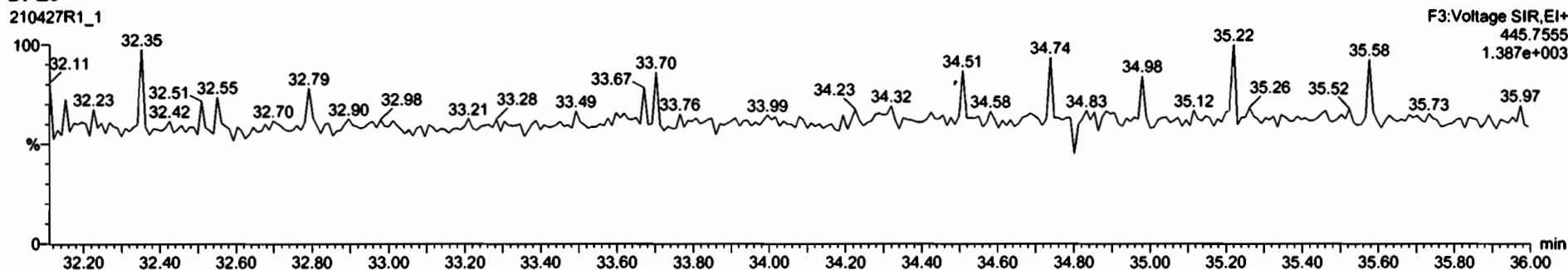
1,2,3,4,7,8-HxCDF



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



DPE3

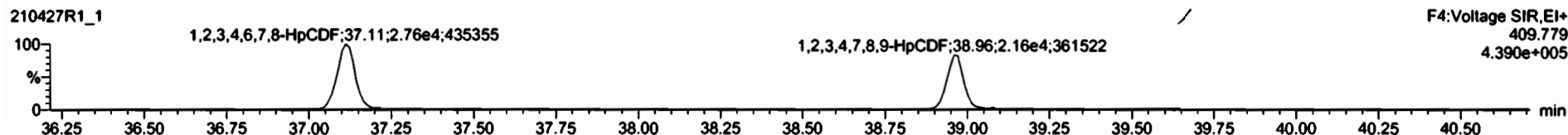
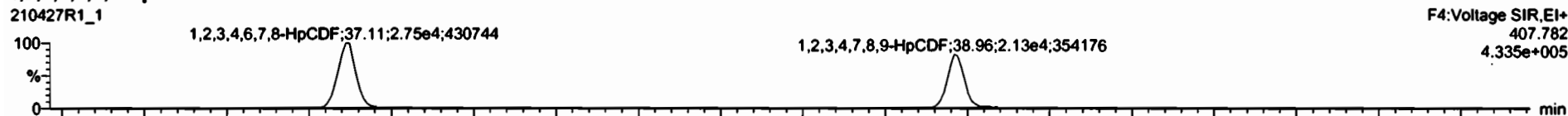


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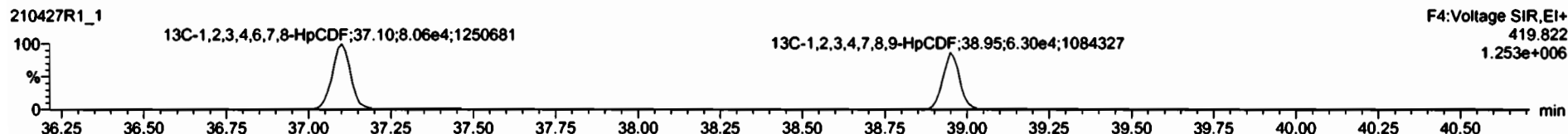
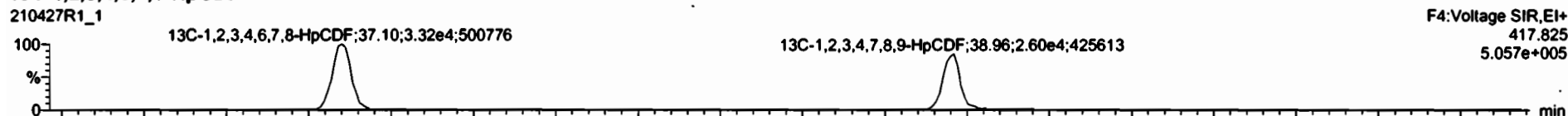
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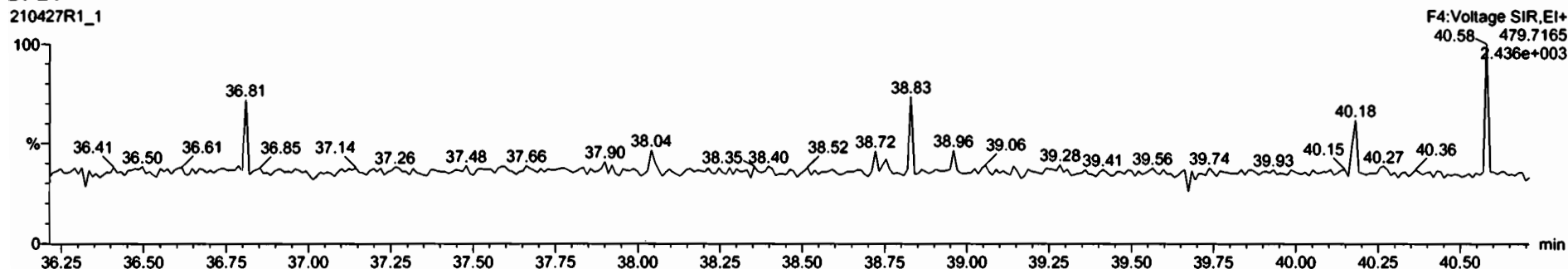
1,2,3,4,6,7,8-HpCDF



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



DPE4



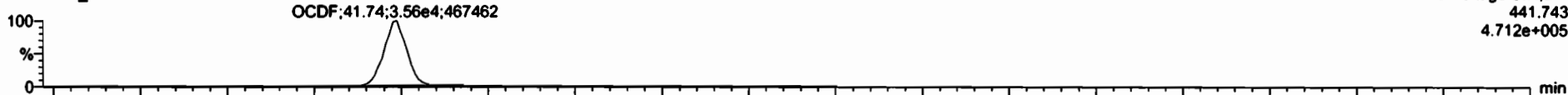
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Printed: Wednesday, April 28, 2021 12:05:00 PM Pacific Daylight Time

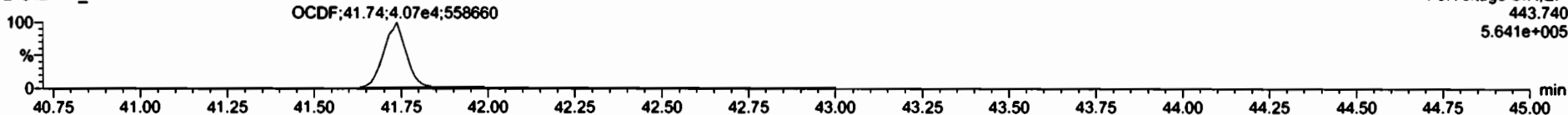
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OCDF

210427R1_1

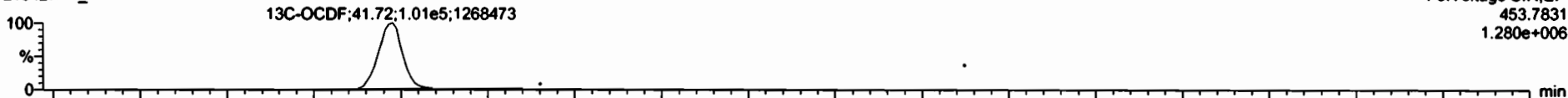


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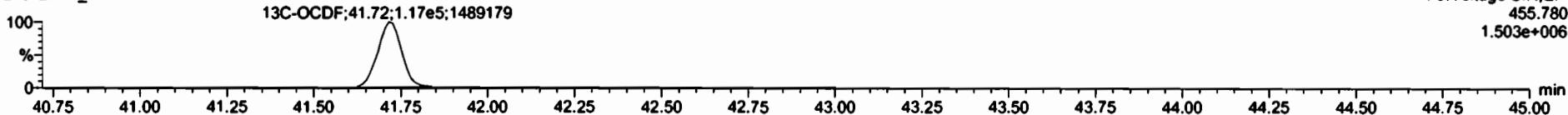


13C-OCDF

210427R1_1

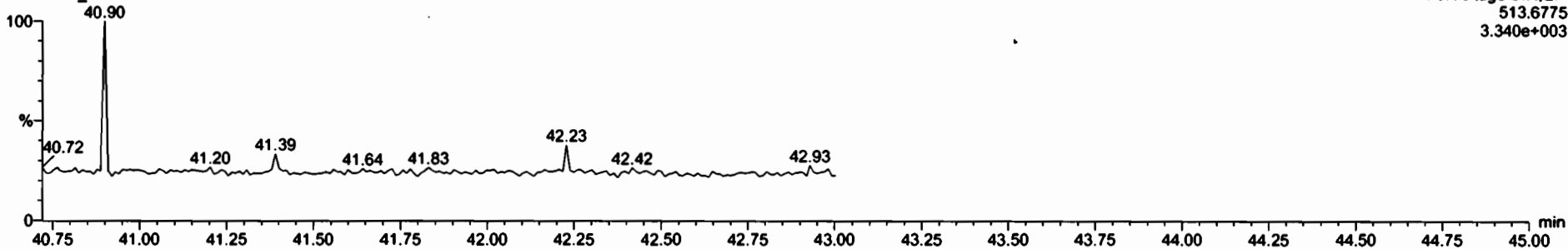


210427R1_1



DPE5

210427R1_1

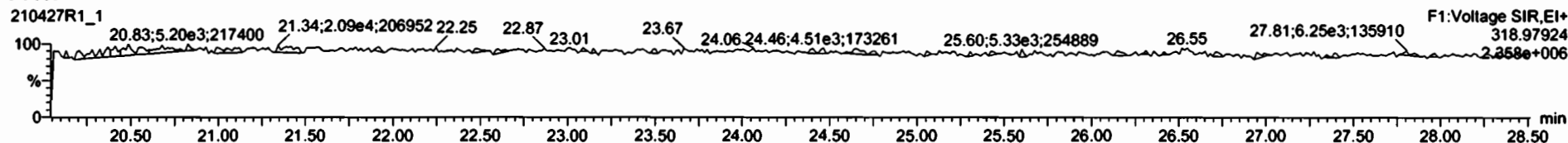


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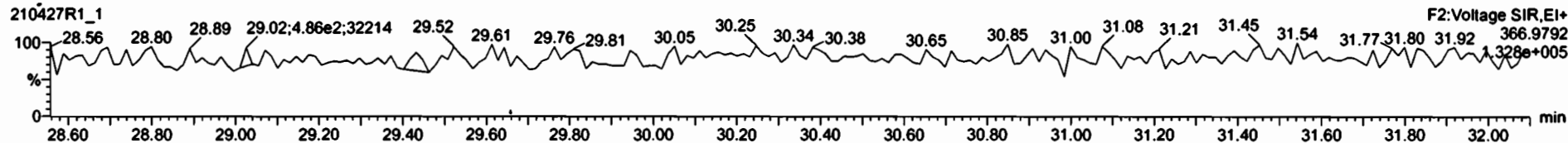
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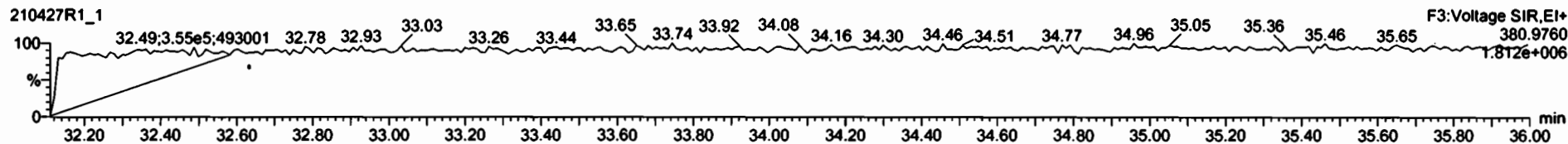
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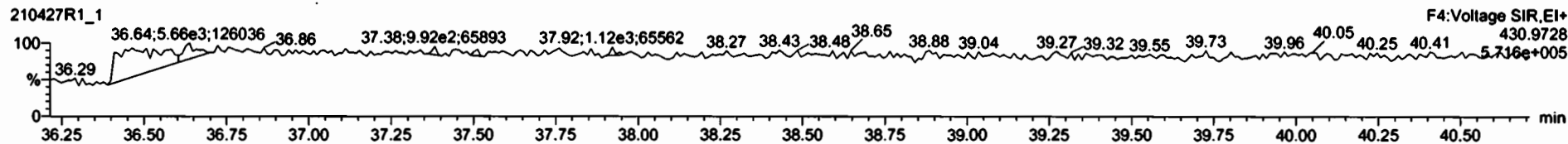
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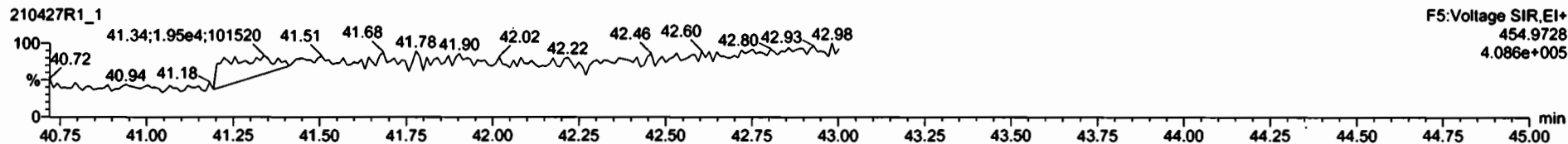
PFK3



PFK4

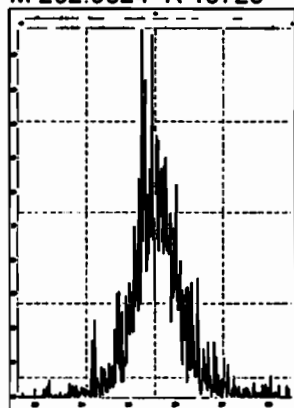


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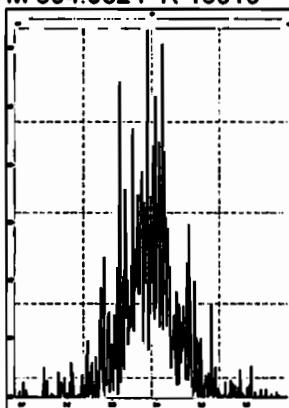


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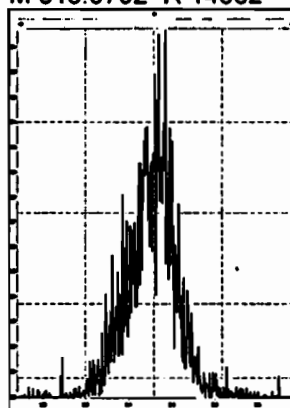
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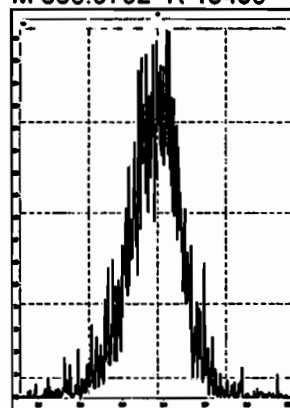
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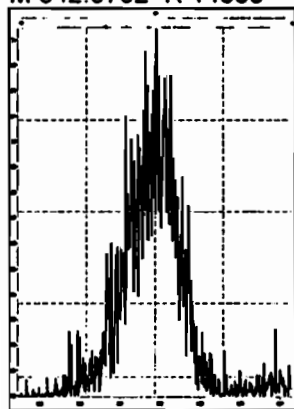
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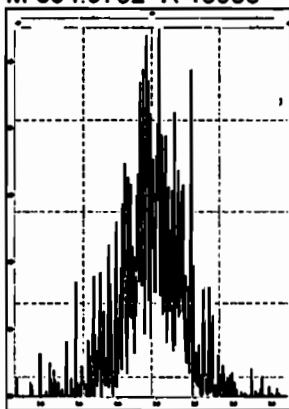
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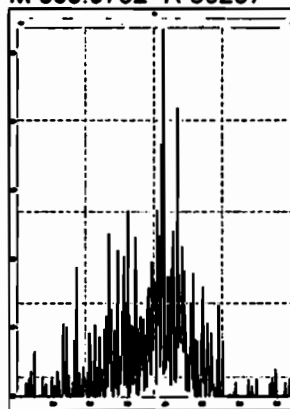
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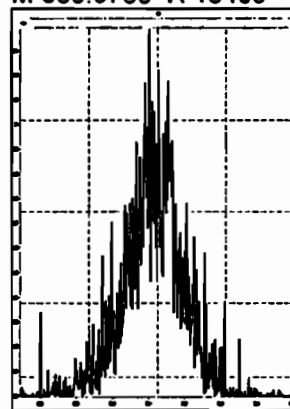
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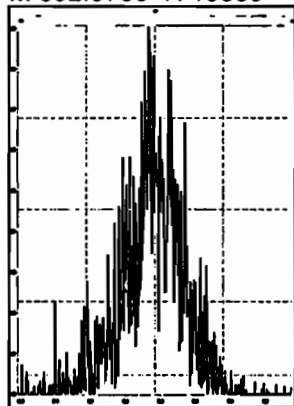
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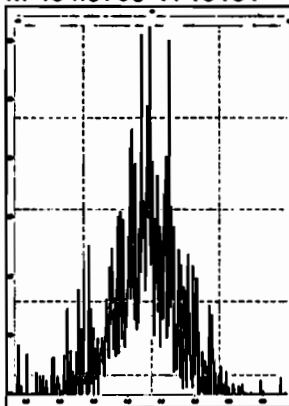
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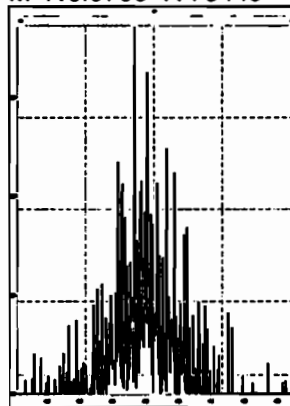
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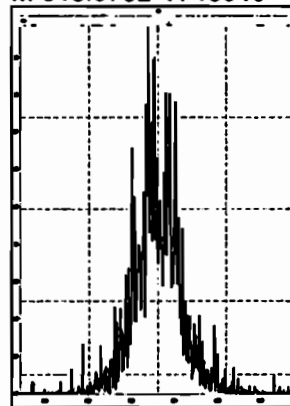
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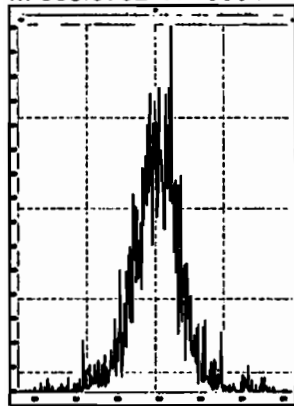
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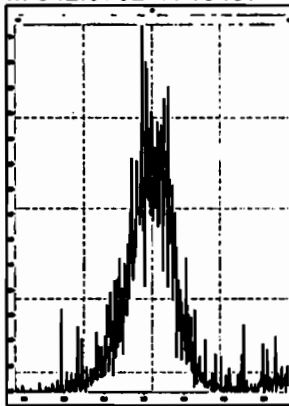
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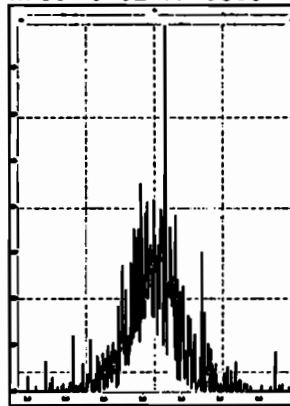
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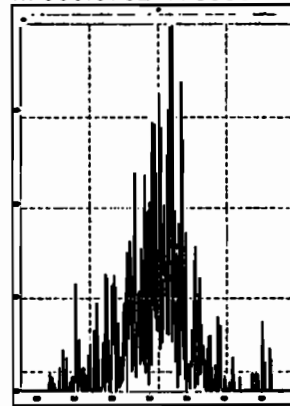
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M 354.9792 R 19535

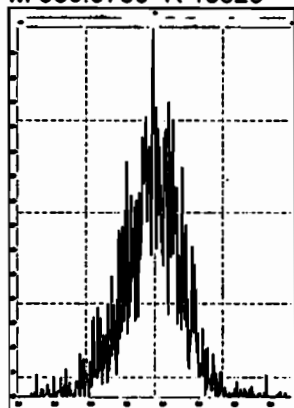


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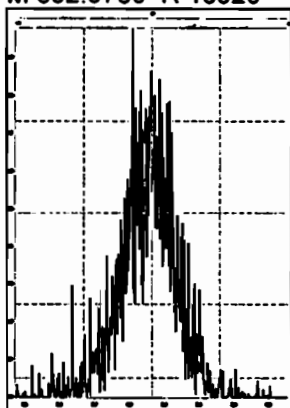


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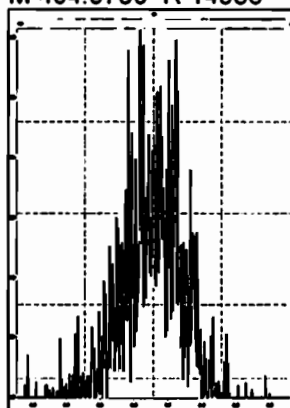
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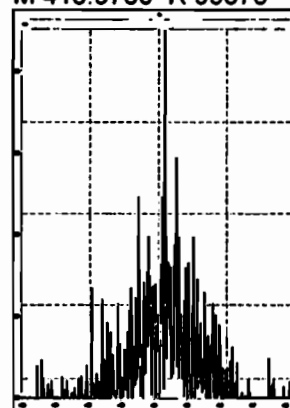
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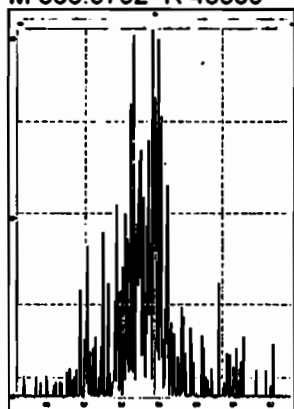
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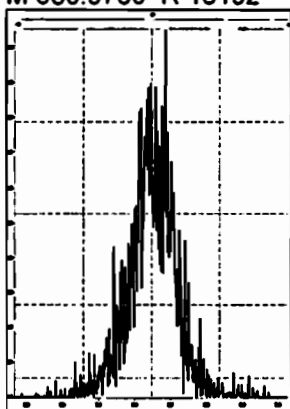
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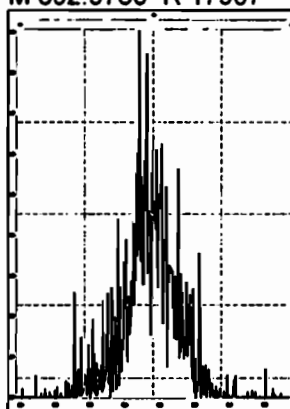
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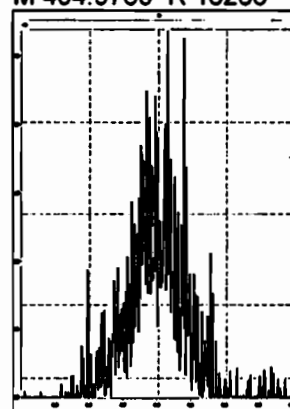
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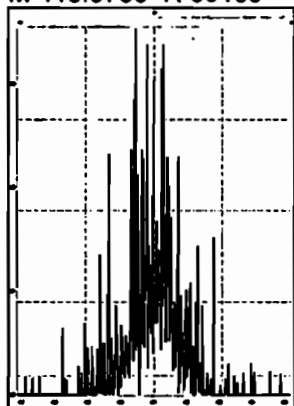
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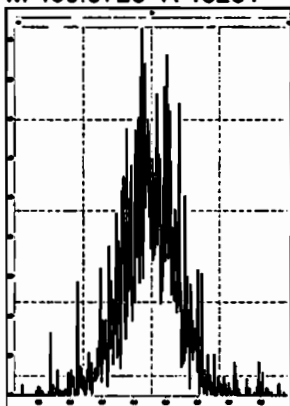
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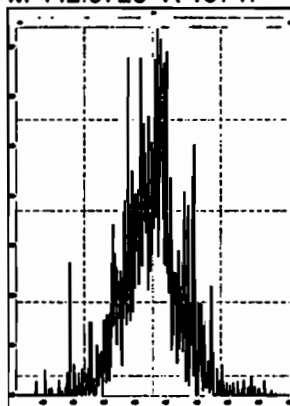
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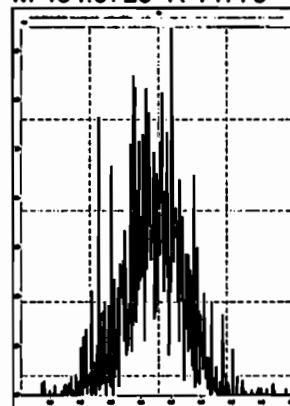
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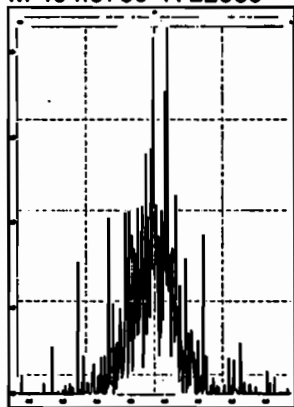
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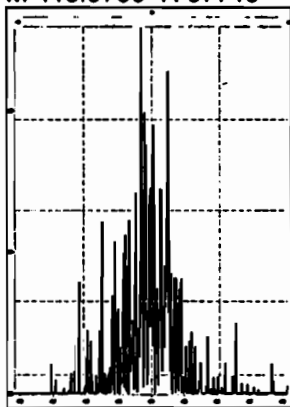
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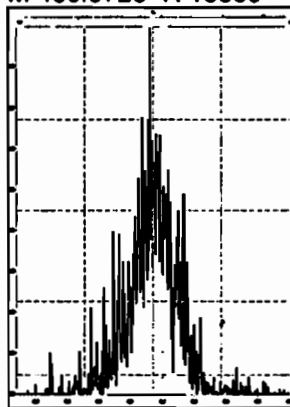
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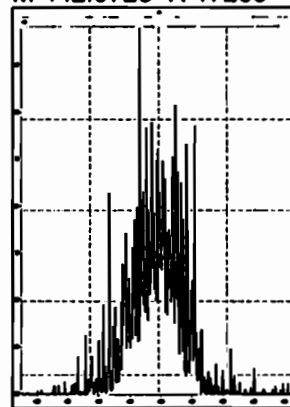
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M 430.9728 R 16869

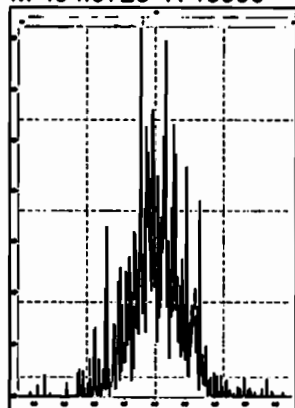


M 442.9728 R 17233

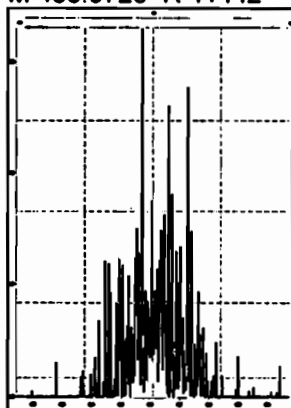


Printed: Tuesday, April 27, 2021 19:57:31 Pacific Daylight Time

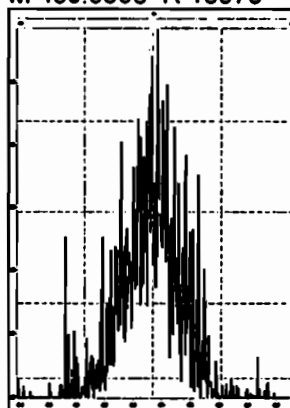
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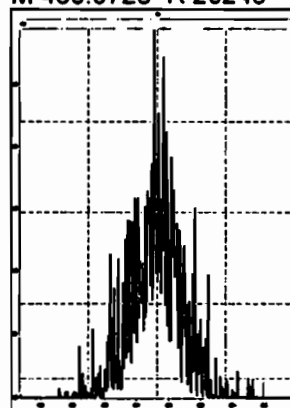
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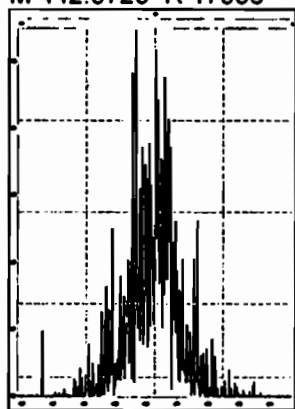
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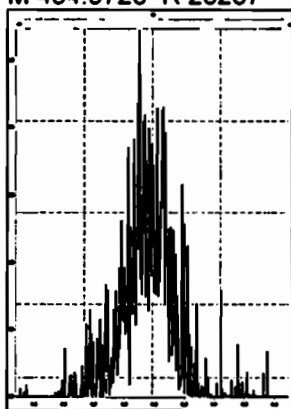
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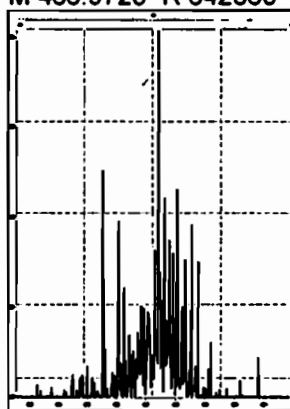
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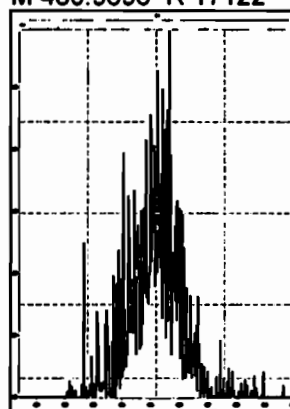
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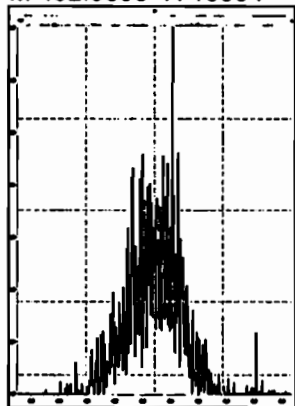
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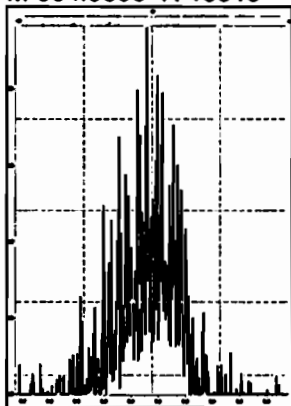
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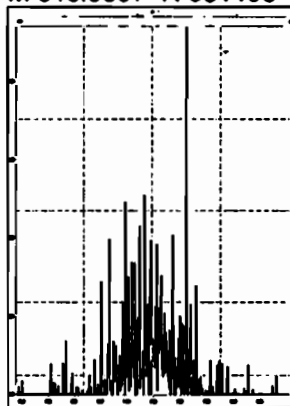
M 492.9696 R 16504



M 504.9696 R 18816



M 516.9697 R 331156



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST210512K2-1

Reviewed By: DF05/13/21

Initials & Date

End Calibration ID: NA

	<u>Beg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input type="checkbox"/> NA	<input type="checkbox"/>
First and last eluters present?	<input type="checkbox"/> NA	<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>HL</u>	<u>NA</u>
Run Log:		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
- Samples within 12 hour clock?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
- Bottle position verified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mass resolution \geq

5k 6-8K 8K 10K
1614 1699 429 1613/1668/8280

Intergrated peaks display correctly?

<u>Beg.</u>	<u>End</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input 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:\VG11.PRO\Results\210512K2\210512K2-1.qld

Last Altered: Wednesday, May 12, 2021 3:34:38 PM Pacific Daylight Time
Printed: Wednesday, May 12, 2021 3:37:03 PM Pacific Daylight Time

HZ 5.12.2021

DF 05/13/21

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.30e6	3.05	NO	0.986	1.000	15.18	15.18	1.001	1.001	NO	53.20	106	0.00919	53.20
2	2 PCB-2	1.17e6	3.13	NO	1.02	1.000	17.59	17.58	0.988	0.988	NO	47.99	96.0	0.0114	47.99
3	3 PCB-3	1.22e6	3.08	NO	1.00	1.000	17.81	17.82	1.001	1.001	NO	51.05	102	0.0116	51.05
4	4 PCB-4/10	1.93e6	1.60	NO	1.21	1.000	19.20	19.20	1.004	1.004	NO	107.7	108	0.0521	107.7
5	5 PCB-7/9	2.27e6	1.57	NO	0.939	1.000	20.99	21.00	1.003	1.003	NO	105.7	106	0.0463	105.7
6	6 PCB-6	1.16e6	1.57	NO	0.996	1.000	21.63	21.65	1.033	1.034	NO	51.11	102	0.0436	51.11
7	7 PCB-5/8	2.35e6	1.58	NO	0.976	1.000	22.03	22.07	1.052	1.054	NO	105.6	106	0.0446	105.6
8	8 PCB-14	1.05e6	1.61	NO	1.02	1.000	23.20	23.20	0.951	0.951	NO	49.25	98.5	0.0551	49.25
9	9 PCB-11	1.12e6	1.56	NO	1.12	1.000	24.40	24.40	1.001	1.001	NO	48.18	96.4	0.0505	48.18
10	10 PCB-12/13	2.08e6	1.58	NO	1.02	1.000	24.83	24.84	1.018	1.019	NO	97.72	97.7	0.0553	97.72
11	11 PCB-15	1.04e6	1.59	NO	1.02	1.000	25.11	25.13	1.030	1.030	NO	48.93	97.9	0.0555	48.93
12	12 PCB-19	7.63e5	1.02	NO	0.972	1.000	23.36	23.35	1.001	1.001	NO	53.96	108	0.0119	53.96
13	13 PCB-30	1.17e6	1.01	NO	1.54	1.000	24.25	24.27	1.039	1.040	NO	52.13	104	0.00748	52.13
14	14 PCB-18	7.83e5	1.02	NO	0.719	1.000	25.03	25.03	0.951	0.951	NO	54.29	109	0.0124	54.29
15	15 PCB-17	7.83e5	1.03	NO	0.672	1.000	25.21	25.21	0.958	0.958	NO	58.13	116	0.0132	58.13
16	16 PCB-24/27	2.07e6	1.02	NO	0.932	1.000	25.79	25.80	0.980	0.980	NO	110.7	111	0.00953	110.7
17	17 PCB-16/32	1.80e6	1.03	NO	0.824	1.000	26.33	26.33	1.001	1.001	NO	108.7	109	0.0108	108.7
18	18 PCB-34	9.26e5	1.03	NO	0.878	1.000	27.17	27.14	0.959	0.958	NO	51.08	102	0.0552	51.08
19	19 PCB-23	9.91e5	1.05	NO	0.892	1.000	27.27	27.24	0.962	0.961	NO	53.75	108	0.0543	53.75
20	20 PCB-29	9.17e5	1.05	NO	0.861	1.000	27.53	27.50	0.972	0.970	NO	51.54	103	0.0562	51.54
21	21 PCB-26	9.58e5	1.05	NO	0.915	1.000	27.73	27.72	0.979	0.978	NO	50.70	101	0.0529	50.70
22	22 PCB-25	1.02e6	1.06	NO	0.915	1.000	27.89	27.89	0.984	0.984	NO	53.79	108	0.0529	53.79
23	23 PCB-31	1.00e6	1.06	NO	1.03	1.000	28.26	28.24	0.998	0.997	NO	46.97	93.9	0.0470	46.97
24	24 PCB-28	1.17e6	1.06	NO	1.01	1.000	28.35	28.35	1.001	1.001	NO	55.86	112	0.0477	55.86
25	25 PCB-20/21/33	2.88e6	1.05	NO	0.913	1.000	28.98	28.97	1.023	1.022	NO	152.9	102	0.0530	152.9
26	26 PCB-22	1.04e6	1.08	NO	0.948	1.000	29.44	29.43	1.039	1.039	NO	53.18	106	0.0511	53.18
27	27 PCB-36	8.89e5	1.05	NO	1.07	1.000	30.08	30.08	0.930	0.930	NO	53.36	107	0.0661	53.36
28	28 PCB-39	8.29e5	1.08	NO	1.00	1.000	30.57	30.57	0.945	0.945	NO	53.03	106	0.0704	53.03
29	29 PCB-38	8.73e5	1.04	NO	1.05	1.000	31.37	31.35	0.970	0.970	NO	53.35	107	0.0673	53.35
30	30 PCB-35	8.47e5	1.04	NO	1.05	1.000	31.91	31.91	0.987	0.987	NO	51.95	104	0.0675	51.95
31	31 PCB-37	8.81e5	1.04	NO	1.03	1.000	32.36	32.35	1.001	1.001	NO	54.97	110	0.0687	54.97
32	32 PCB-54	9.38e5	0.77	NO	0.974	1.000	27.18	27.18	1.001	1.001	NO	55.22	110	0.0629	55.22

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Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	7.13e5	0.76	NO	0.803	1.000	28.38	28.39	1.045	1.045	NO	50.92	102	0.0764	50.92
34	34 PCB-53	6.43e5	0.76	NO	0.939	1.000	29.04	29.04	0.943	0.943	NO	54.56	109	0.0940	54.56
35	35 PCB-51	7.27e5	0.76	NO	1.00	1.000	29.39	29.40	0.954	0.954	NO	57.91	116	0.0883	57.91
36	36 PCB-45	5.36e5	0.77	NO	0.802	1.000	29.84	29.84	0.969	0.969	NO	53.20	106	0.110	53.20
37	37 PCB-46	5.18e5	0.76	NO	0.770	1.000	30.34	30.34	0.985	0.985	NO	53.54	107	0.115	53.54
38	38 PCB-52/69	1.35e6	0.77	NO	1.08	1.000	30.85	30.85	1.001	1.001	NO	99.04	99.0	0.0815	99.04
39	39 PCB-73	9.65e5	0.78	NO	1.31	1.000	30.96	30.96	1.005	1.005	NO	58.83	118	0.0675	58.83
40	40 PCB-43/49	1.25e6	0.78	NO	0.925	1.000	31.13	31.13	1.010	1.010	NO	108.0	108	0.0954	108.0
41	41 PCB-47	5.62e5	0.76	NO	0.863	1.000	31.35	31.35	1.001	1.001	NO	51.28	103	0.102	51.28
42	42 PCB-48/75	1.51e6	0.78	NO	1.04	1.000	31.48	31.46	1.005	1.004	NO	114.4	114	0.0849	114.4
43	43 PCB-65	8.11e5	0.76	NO	1.16	1.000	31.74	31.74	1.013	1.013	NO	55.08	110	0.0760	55.08
44	44 PCB-62	7.38e5	0.77	NO	1.04	1.000	31.83	31.85	1.016	1.017	NO	56.07	112	0.0850	56.07
45	45 PCB-44	5.17e5	0.79	NO	0.757	1.000	32.17	32.17	1.027	1.027	NO	53.74	107	0.116	53.74
46	46 PCB-42/59	1.35e6	0.79	NO	0.975	1.000	32.38	32.39	1.034	1.034	NO	109.4	109	0.0904	109.4
47	47 PCB-41/64/71/72	3.00e6	0.76	NO	1.12	1.000	33.00	33.01	1.053	1.053	NO	212.0	106	0.0790	212.0
48	48 PCB-68	7.76e5	0.76	NO	1.19	1.000	33.26	33.28	1.062	1.062	NO	51.41	103	0.0741	51.41
49	49 PCB-40	4.20e5	0.77	NO	0.572	1.000	33.49	33.49	1.069	1.069	NO	57.78	116	0.154	57.78
50	50 PCB-57	8.07e5	0.77	NO	1.08	1.000	33.86	33.88	0.969	0.969	NO	53.60	107	0.0771	53.60
51	51 PCB-67	7.45e5	0.76	NO	1.02	1.000	34.18	34.20	0.978	0.978	NO	52.49	105	0.0817	52.49
52	52 PCB-58	8.10e5	0.78	NO	1.08	1.000	34.31	34.31	0.982	0.981	NO	53.59	107	0.0768	53.59
53	53 PCB-63	7.93e5	0.75	NO	0.971	1.000	34.46	34.48	0.986	0.986	NO	58.47	117	0.0856	58.47
54	54 PCB-74	7.77e5	0.78	NO	1.09	1.000	34.76	34.77	0.994	0.995	NO	51.14	102	0.0764	51.14
55	55 PCB-61/70	1.52e6	0.77	NO	0.978	1.000	34.98	34.98	1.000	1.001	NO	111.2	111	0.0849	111.2
56	56 PCB-76/66	1.70e6	0.76	NO	1.07	1.000	35.18	35.18	1.006	1.006	NO	113.8	114	0.0775	113.8
57	57 PCB-80	8.79e5	0.77	NO	1.08	1.000	35.43	35.42	1.001	1.001	NO	55.86	112	0.0786	55.86
58	58 PCB-55	8.47e5	0.76	NO	1.06	1.000	35.75	35.74	1.010	1.009	NO	54.46	109	0.0796	54.46
59	59 PCB-56/60	1.50e6	0.77	NO	0.946	1.000	36.24	36.24	1.023	1.024	NO	108.8	109	0.0896	108.8
60	60 PCB-79	7.65e5	0.77	NO	1.06	1.000	37.36	37.36	1.055	1.055	NO	49.49	99.0	0.0800	49.49
61	61 PCB-78	7.44e5	0.73	NO	1.01	1.000	38.09	38.09	0.987	0.987	NO	53.89	108	0.0965	53.89
62	62 PCB-81	6.43e5	0.74	NO	0.941	1.000	38.63	38.63	1.000	1.000	NO	49.86	99.7	0.103	49.86
63	63 PCB-77	6.97e5	0.77	NO	1.03	1.000	39.24	39.24	1.000	1.000	NO	52.04	104	0.104	52.04
64	64 PCB-104	7.90e5	1.57	NO	0.982	1.000	32.00	32.02	1.001	1.001	NO	51.11	102	0.00969	51.11
65	65 PCB-96	7.66e5	1.56	NO	0.982	1.000	33.29	33.30	1.041	1.041	NO	49.50	99.0	0.00969	49.50
66	66 PCB-103	5.60e5	1.51	NO	0.770	1.000	33.88	33.88	1.059	1.059	NO	46.20	92.4	0.0124	46.20
67	67 PCB-100	5.88e5	1.57	NO	0.805	1.000	34.23	34.23	1.070	1.070	NO	46.45	92.9	0.0118	46.45
68	68 PCB-94	4.66e5	1.57	NO	0.831	1.000	34.72	34.72	0.985	0.985	NO	50.18	100	0.0164	50.18

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-1.qld

Last Altered: Wednesday, May 12, 2021 3:34:38 PM Pacific Daylight Time
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Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	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	1.87e6	1.56	NO	1.07	1.000	35.21	35.22	0.999	0.999	NO	156.1	104	0.0127	156.1
70	70 PCB-93	4.28e5	1.59	NO	0.761	1.000	35.31	35.35	1.002	1.003	NO	50.29	101	0.0179	50.29
71	71 PCB-88/91	1.08e6	1.55	NO	0.910	1.000	35.68	35.69	1.012	1.012	NO	106.0	106	0.0150	106.0
72	72 PCB-121	8.08e5	1.59	NO	1.46	1.000	35.79	35.80	1.015	1.015	NO	49.40	98.8	0.00932	49.40
73	73 PCB-84/92	9.54e5	1.56	NO	0.826	1.000	36.64	36.63	0.990	0.990	NO	100.6	101	0.0159	100.6
74	74 PCB-89	5.61e5	1.54	NO	0.885	1.000	36.82	36.82	0.995	0.995	NO	55.13	110	0.0149	55.13
75	75 PCB-90/101	1.07e6	1.55	NO	0.905	1.000	37.02	37.01	1.000	1.000	NO	102.4	102	0.0146	102.4
76	76 PCB-113	7.08e5	1.53	NO	1.26	1.000	37.27	37.27	1.007	1.007	NO	48.92	97.8	0.0105	48.92
77	77 PCB-99	6.15e5	1.57	NO	0.993	1.000	37.36	37.36	1.010	1.010	NO	53.85	108	0.0133	53.85
78	78 PCB-119	6.96e5	1.52	NO	1.53	1.000	37.85	37.84	0.987	0.987	NO	49.39	98.8	0.0108	49.39
79	79 PCB-108/112	1.17e6	1.55	NO	1.25	1.000	38.01	37.99	0.991	0.991	NO	102.1	102	0.0133	102.1
80	80 PCB-83	7.39e5	1.57	NO	1.56	1.000	38.17	38.16	0.995	0.995	NO	51.53	103	0.0106	51.53
81	81 PCB-97	5.21e5	1.55	NO	1.12	1.000	38.37	38.37	1.000	1.000	NO	50.36	101	0.0148	50.36
82	82 PCB-86	4.39e5	1.51	NO	1.06	1.000	38.51	38.51	1.004	1.004	NO	45.08	90.2	0.0157	45.08
83	83 PCB-87/117/125	1.98e6	1.55	NO	1.34	1.000	38.65	38.64	1.008	1.008	NO	160.2	107	0.0124	160.2
84	84 PCB-111/115	1.57e6	1.54	NO	1.62	1.000	38.81	38.81	1.012	1.012	NO	105.5	105	0.0103	105.5
85	85 PCB-85/116	1.16e6	1.57	NO	1.23	1.000	38.93	38.94	1.015	1.016	NO	102.2	102	0.0135	102.2
86	86 PCB-120	7.68e5	1.54	NO	1.79	1.000	39.19	39.20	1.022	1.022	NO	46.55	93.1	0.00925	46.55
87	87 PCB-110	7.33e5	1.56	NO	1.50	1.000	39.32	39.33	1.025	1.026	NO	53.09	106	0.0111	53.09
88	88 PCB-82	4.30e5	1.55	NO	0.638	1.000	39.98	39.98	0.975	0.975	NO	53.98	108	0.0204	53.98
89	89 PCB-124	7.21e5	1.56	NO	1.08	1.000	40.70	40.71	0.993	0.993	NO	53.57	107	0.0120	53.57
90	90 PCB-107/109	1.41e6	1.57	NO	1.11	1.000	40.84	40.84	0.996	0.996	NO	102.0	102	0.0117	102.0
91	91 PCB-123	6.56e5	1.56	NO	1.00	1.000	41.01	41.03	1.000	1.001	NO	52.56	105	0.0130	52.56
92	92 PCB-106/118	1.38e6	1.57	NO	1.02	1.000	41.23	41.23	1.001	1.001	NO	103.9	104	0.0128	103.9
93	93 PCB-114	5.76e5	1.57	NO	1.08	1.000	41.87	41.87	1.000	1.000	NO	50.92	102	0.0560	50.92
94	94 PCB-122	5.55e5	1.60	NO	0.930	1.000	42.02	42.02	1.004	1.004	NO	57.18	114	0.0653	57.18
95	95 PCB-105	5.82e5	1.57	NO	1.03	1.000	42.76	42.76	1.000	1.000	NO	53.46	107	0.0594	53.46
96	96 PCB-127	6.06e5	1.59	NO	1.06	1.000	43.12	43.12	1.000	1.000	NO	53.21	106	0.0617	53.21
97	97 PCB-126	5.59e5	1.60	NO	1.15	1.000	45.09	45.09	1.000	1.000	NO	53.41	107	0.0706	53.41
98	98 PCB-155	6.35e5	1.25	NO	0.853	1.000	36.54	36.54	1.000	1.001	NO	53.29	107	0.0148	53.29
99	99 PCB-150	6.32e5	1.24	NO	0.934	1.000	37.84	37.84	1.036	1.036	NO	48.38	96.8	0.0135	48.38
100	1... PCB-152	7.15e5	1.25	NO	1.02	1.000	38.34	38.33	1.050	1.049	NO	50.27	101	0.0124	50.27
101	1... PCB-145	7.08e5	1.27	NO	0.983	1.000	38.80	38.79	1.062	1.062	NO	51.53	103	0.0129	51.53
102	1... PCB-136	5.92e5	1.28	NO	0.881	1.000	39.13	39.13	1.071	1.071	NO	48.08	96.2	0.0143	48.08
103	1... PCB-148	5.04e5	1.26	NO	0.666	1.000	39.24	39.24	1.074	1.074	NO	54.14	108	0.0190	54.14
104	1... PCB-154	5.01e5	1.25	NO	0.721	1.000	39.76	39.76	1.089	1.089	NO	49.77	99.5	0.0175	49.77

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-1.qld

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Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	4.33e5	1.27	NO	0.674	1.000	40.41	40.41	1.107	1.106	NO	45.98	92.0	0.0188	45.98
106	1... PCB-135	4.82e5	1.26	NO	0.723	1.000	40.63	40.63	1.112	1.113	NO	47.72	95.4	0.0175	47.72
107	1... PCB-144	4.79e5	1.28	NO	0.691	1.000	40.75	40.75	1.116	1.116	NO	49.59	99.2	0.0183	49.59
108	1... PCB-147	4.54e5	1.25	NO	0.713	1.000	40.88	40.88	1.119	1.119	NO	45.56	91.1	0.0177	45.56
109	1... PCB-139/149	1.04e6	1.25	NO	0.773	1.000	41.15	41.16	1.127	1.127	NO	96.33	96.3	0.0163	96.33
110	1... PCB-140	4.50e5	1.28	NO	0.652	1.000	41.34	41.34	1.132	1.132	NO	49.33	98.7	0.0194	49.33
111	1... PCB-134/143	7.76e5	1.24	NO	0.718	1.000	41.80	41.80	0.974	0.974	NO	113.3	113	0.0530	113.3
112	1... PCB-131/133	8.24e5	1.24	NO	0.768	1.000	42.12	42.10	0.982	0.981	NO	112.4	112	0.0496	112.4
113	1... PCB-142	3.75e5	1.24	NO	0.687	1.000	42.28	42.25	0.985	0.985	NO	57.20	114	0.0554	57.20
114	1... PCB-146/165	9.87e5	1.24	NO	0.943	1.000	42.52	42.50	0.991	0.990	NO	109.6	110	0.0404	109.6
115	1... PCB-132/161	9.95e5	1.23	NO	0.957	1.000	42.76	42.76	0.997	0.996	NO	109.0	109	0.0398	109.0
116	1... PCB-153	5.34e5	1.24	NO	0.990	1.000	42.95	42.93	1.001	1.000	NO	56.55	113	0.0385	56.55
117	1... PCB-168	5.29e5	1.24	NO	1.03	1.000	43.16	43.16	1.006	1.006	NO	53.54	107	0.0368	53.54
118	1... PCB-141	4.03e5	1.24	NO	0.948	1.000	43.69	43.69	1.000	1.000	NO	53.45	107	0.0484	53.45
119	1... PCB-137	3.83e5	1.25	NO	0.964	1.000	44.09	44.09	1.010	1.010	NO	50.00	100	0.0477	50.00
120	1... PCB-130	3.53e5	1.25	NO	0.816	1.000	44.18	44.20	1.012	1.012	NO	54.32	109	0.0563	54.32
121	1... PCB-138/163/164	1.54e6	1.24	NO	1.15	1.000	44.60	44.60	1.001	1.001	NO	166.5	111	0.0397	166.5
122	1... PCB-158/160	9.87e5	1.25	NO	1.14	1.000	44.84	44.85	1.007	1.007	NO	108.3	108	0.0402	108.3
123	1... PCB-129	3.42e5	1.25	NO	0.807	1.000	45.07	45.09	1.012	1.012	NO	52.90	106	0.0567	52.90
124	1... PCB-166	5.31e5	1.26	NO	1.03	1.000	45.56	45.57	0.993	0.993	NO	55.96	112	0.0414	55.96
125	1... PCB-159	5.66e5	1.24	NO	1.10	1.000	45.91	45.91	1.000	1.000	NO	56.10	112	0.0389	56.10
126	1... PCB-128/162	8.46e5	1.23	NO	0.836	1.000	46.20	46.19	1.007	1.007	NO	110.0	110	0.0510	110.0
127	1... PCB-167	5.07e5	1.23	NO	0.960	1.000	46.61	46.61	1.000	1.000	NO	53.52	107	0.0411	53.52
128	1... PCB-156	4.93e5	1.23	NO	1.06	1.000	47.93	47.93	1.000	1.000	NO	53.48	107	0.0420	53.48
129	1... PCB-157	4.77e5	1.27	NO	0.960	1.000	48.22	48.22	1.000	1.000	NO	53.33	107	0.0473	53.33
130	1... PCB-169	4.90e5	1.26	NO	1.04	1.000	50.51	50.51	1.000	1.000	NO	54.38	109	0.0505	54.38
131	1... PCB-188	6.13e5	1.02	NO	1.15	1.000	42.55	42.53	1.001	1.000	NO	53.70	107	0.0249	53.70
132	1... PCB-184	5.70e5	1.03	NO	1.14	1.000	42.99	43.01	1.011	1.012	NO	50.33	101	0.0251	50.33
133	1... PCB-179	5.74e5	1.01	NO	1.07	1.000	43.79	43.80	1.030	1.030	NO	53.77	108	0.0266	53.77
134	1... PCB-176	5.59e5	1.02	NO	1.11	1.000	44.28	44.30	1.042	1.042	NO	50.60	101	0.0257	50.60
135	1... PCB-186	5.97e5	1.02	NO	1.23	1.000	44.90	44.92	1.056	1.057	NO	48.82	97.6	0.0232	48.82
136	1... PCB-178	3.93e5	1.04	NO	0.830	1.000	45.43	45.43	1.069	1.069	NO	47.60	95.2	0.0345	47.60
137	1... PCB-175	3.86e5	1.05	NO	0.853	1.000	45.79	45.79	1.077	1.077	NO	45.58	91.2	0.0335	45.58
138	1... PCB-182/187	9.13e5	1.01	NO	0.942	1.000	45.96	45.98	1.081	1.082	NO	97.62	97.6	0.0304	97.62
139	1... PCB-183	4.36e5	1.03	NO	0.910	1.000	46.28	46.31	1.089	1.089	NO	48.25	96.5	0.0314	48.25
140	1... PCB-185	3.87e5	1.05	NO	1.24	1.000	46.97	46.99	0.954	0.954	NO	55.02	110	0.0418	55.02

75-127

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-1.qld

Last Altered: Wednesday, May 12, 2021 3:34:38 PM Pacific Daylight Time

Printed: Wednesday, May 12, 2021 3:37:03 PM Pacific Daylight Time

Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	3.46e5	1.01	NO	1.20	1.000	47.34	47.37	0.961	0.962	NO	50.91	102	0.0432	50.91
142	1... PCB-181	4.25e5	1.03	NO	1.33	1.000	47.44	47.46	0.964	0.964	NO	56.32	113	0.0389	56.32
143	1... PCB-177	3.54e5	1.06	NO	1.14	1.000	47.64	47.63	0.967	0.967	NO	54.65	109	0.0454	54.65
144	1... PCB-171	3.64e5	1.03	NO	1.22	1.000	47.91	47.93	0.973	0.973	NO	52.63	105	0.0425	52.63
145	1... PCB-173	3.26e5	1.04	NO	1.07	1.000	48.37	48.37	0.982	0.982	NO	53.81	108	0.0485	53.81
146	1... PCB-172	3.66e5	1.02	NO	1.26	1.000	48.85	48.84	0.992	0.992	NO	51.22	102	0.0412	51.22
147	1... PCB-192	4.90e5	1.02	NO	1.61	1.000	49.03	49.03	0.996	0.996	NO	53.43	107	0.0321	53.43
148	1... PCB-180	3.92e5	1.03	NO	1.30	1.000	49.26	49.26	1.000	1.000	NO	53.03	106	0.0398	53.03
149	1... PCB-193	4.52e5	1.03	NO	1.47	1.000	49.47	49.47	1.005	1.005	NO	54.10	108	0.0352	54.10
150	1... PCB-191	4.54e5	1.02	NO	1.51	1.000	49.73	49.73	1.010	1.010	NO	53.14	106	0.0344	53.14
151	1... PCB-170	3.25e5	1.01	NO	1.23	1.000	50.93	50.93	1.000	1.000	NO	50.38	101	0.0466	50.38
152	1... PCB-190	4.36e5	1.02	NO	1.61	1.000	51.13	51.14	1.004	1.004	NO	51.68	103	0.0357	51.68
153	1... PCB-189	4.28e5	1.03	NO	1.27	1.000	52.71	52.71	1.000	1.000	NO	53.42	107	0.0359	53.42
154	1... PCB-202	4.87e5	0.91	NO	0.995	1.000	48.16	48.14	1.001	1.000	NO	52.18	104	0.0124	52.18
155	1... PCB-201	4.31e5	0.92	NO	0.904	1.000	48.65	48.63	1.011	1.011	NO	50.86	102	0.0137	50.86
156	1... PCB-204	4.77e5	0.87	NO	0.955	1.000	48.81	48.81	1.014	1.014	NO	53.23	106	0.0129	53.23
157	1... PCB-197	4.73e5	0.90	NO	0.964	1.000	49.13	49.11	1.021	1.020	NO	52.30	105	0.0128	52.30
158	1... PCB-200	4.60e5	0.88	NO	0.911	1.000	50.05	50.06	1.040	1.040	NO	53.83	108	0.0135	53.83
159	1... PCB-198	3.22e5	0.88	NO	0.696	1.000	51.68	51.65	1.074	1.073	NO	49.31	98.6	0.0177	49.31
160	1... PCB-199	3.36e5	0.87	NO	0.706	1.000	51.82	51.78	1.077	1.076	NO	50.78	102	0.0175	50.78
161	1... PCB-196/203	6.78e5	0.89	NO	0.754	1.000	52.12	52.08	1.083	1.082	NO	95.80	95.8	0.0164	95.80
162	1... PCB-195	2.82e5	0.89	NO	0.957	1.000	53.40	53.40	0.983	0.983	NO	56.11	112	0.0288	56.11
163	1... PCB-194	3.11e5	0.89	NO	1.06	1.000	54.34	54.34	1.000	1.000	NO	55.80	112	0.0260	55.80
164	1... PCB-205	3.78e5	0.90	NO	1.27	1.000	54.60	54.62	1.005	1.005	NO	56.68	113	0.0217	56.68
165	1... PCB-208	3.34e5	1.34	NO	0.861	1.000	53.55	53.55	1.000	1.000	NO	57.05	114	0.0284	57.05
166	1... PCB-207	3.16e5	1.32	NO	0.849	1.000	53.88	53.89	1.007	1.007	NO	54.75	109	0.0288	54.75
167	1... PCB-206	2.43e5	1.35	NO	0.951	1.000	55.86	55.86	1.000	1.000	NO	54.22	108	0.0371	54.22
168	1... PCB-209	2.67e5	1.19	NO	0.863	1.000	57.11	57.12	1.000	1.000	NO	53.62	107	0.00756	53.62
169	1... 13C-PCB-1	2.47e6	3.26	NO	0.937	1.000	15.18	15.17	0.604	0.604	NO	122.4	122.4	0.0651	122.4
170	1... 13C-PCB-3	2.39e6	3.18	NO	0.934	1.000	17.79	17.80	0.709	0.709	NO	118.6	119	0.0653	118.6
171	1... 13C-PCB-4	1.48e6	1.61	NO	0.599	1.000	19.13	19.12	0.762	0.762	NO	114.5	114	0.117	114.5
172	1... 13C-PCB-9	2.28e6	1.54	NO	0.960	1.000	20.97	20.94	0.835	0.834	NO	110.2	110	0.0733	110.2
173	1... 13C-PCB-11	2.09e6	1.61	NO	0.929	1.000	24.40	24.38	0.972	0.971	NO	104.1	104	0.0757	104.1
174	1... 13C-PCB-19	1.45e6	1.01	NO	0.506	1.000	23.34	23.33	0.930	0.929	NO	133.0	133	0.250	133.0
175	1... 13C-PCB-32	2.00e6	1.01	NO	0.738	1.000	26.31	26.31	1.048	1.048	NO	125.8	126	0.171	125.8
176	1... 13C-PCB-28	2.07e6	1.07	NO	1.06	1.000	28.33	28.33	1.004	1.004	NO	112.2	112	0.148	112.2

Handwritten notes: 75/1217 (top), 80/1457 (middle), and a vertical line with arrows pointing to rows 168 and 176.

Dataset: U:\VG11.PRO\Results\210512K2\210512K2-1.qld

Last Altered: Wednesday, May 12, 2021 3:34:38 PM Pacific Daylight Time

Printed: Wednesday, May 12, 2021 3:37:03 PM Pacific Daylight Time

Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.56e6	1.07	NO	0.979	1.000	32.32	32.34	1.145	1.146	NO	91.64	91.64	0.160	
178	1... 13C-PCB-54	1.74e6	0.77	NO	0.981	1.000	27.16	27.16	0.749	0.749	NO	120.4	120	0.0644	
179	1... 13C-PCB-52	1.26e6	0.78	NO	0.786	1.000	30.84	30.81	0.851	0.850	NO	108.2	108	0.0804	
180	1... 13C-PCB-47	1.27e6	0.77	NO	0.833	1.000	31.35	31.33	0.865	0.864	NO	103.4	103	0.0759	
181	1... 13C-PCB-70	1.40e6	0.81	NO	0.981	1.000	34.96	34.96	0.965	0.965	NO	96.57	96.6	0.0644	
182	1... 13C-PCB-80	1.46e6	0.82	NO	1.01	1.000	35.41	35.41	0.977	0.977	NO	97.64	97.6	0.0623	
183	1... 13C-PCB-81	1.37e6	0.78	NO	0.995	1.000	38.60	38.61	1.065	1.065	NO	93.49	93.5	0.0635	
184	1... 13C-PCB-77	1.30e6	0.78	NO	0.977	1.000	39.20	39.22	1.082	1.082	NO	90.30	90.3	0.0647	
185	1... 13C-PCB-104	1.57e6	1.55	NO	1.00	1.000	31.99	31.98	0.825	0.824	NO	117.7	118	0.0373	
186	1... 13C-PCB-95	1.12e6	1.56	NO	0.779	1.000	35.28	35.26	0.910	0.909	NO	107.6	108	0.0481	
187	1... 13C-PCB-101	1.15e6	1.52	NO	0.833	1.000	36.99	37.01	0.954	0.954	NO	103.6	104	0.0450	
188	1... 13C-PCB-97	9.20e5	1.57	NO	0.679	1.000	38.34	38.35	0.988	0.989	NO	101.7	102	0.0552	
189	1... 13C-PCB-123	1.25e6	1.59	NO	0.970	1.000	40.98	40.99	1.056	1.057	NO	96.60	96.6	0.0386	
190	1... 13C-PCB-118	1.30e6	1.58	NO	1.00	1.000	41.17	41.19	1.061	1.062	NO	97.51	97.5	0.0374	
191	1... 13C-PCB-114	1.04e6	1.56	NO	1.55	1.000	41.87	41.85	0.907	0.907	NO	95.86	95.9	0.0879	
192	1... 13C-PCB-105	1.05e6	1.60	NO	1.59	1.000	42.77	42.74	0.927	0.926	NO	94.08	94.1	0.0854	
193	1... 13C-PCB-127	1.08e6	1.59	NO	1.66	1.000	43.13	43.10	0.934	0.934	NO	92.54	92.5	0.0820	
194	1... 13C-PCB-126	9.09e5	1.58	NO	1.65	1.000	45.06	45.07	0.976	0.977	NO	78.61	78.6	0.0826	
195	1... 13C-PCB-155	1.40e6	1.25	NO	0.819	1.000	36.54	36.52	0.942	0.941	NO	128.1	128	0.0199	
196	1... 13C-PCB-153	9.54e5	1.23	NO	1.31	1.000	42.93	42.91	0.930	0.930	NO	103.4	103	0.115	
197	1... 13C-PCB-141	7.96e5	1.27	NO	1.08	1.000	43.68	43.67	0.947	0.946	NO	104.5	104	0.139	
198	1... 13C-PCB-138	8.00e5	1.25	NO	1.15	1.000	44.55	44.54	0.965	0.965	NO	98.82	98.8	0.130	
199	1... 13C-PCB-159	9.19e5	1.30	NO	1.39	1.000	45.89	45.89	0.994	0.994	NO	93.86	93.9	0.108	
200	2... 13C-PCB-167	9.87e5	1.26	NO	1.43	1.000	46.59	46.59	1.010	1.009	NO	98.49	98.5	0.105	
201	2... 13C-PCB-156	8.68e5	1.29	NO	1.34	1.000	47.90	47.92	1.038	1.038	NO	92.19	92.2	0.112	
202	2... 13C-PCB-157	9.32e5	1.27	NO	1.36	1.000	48.19	48.20	1.044	1.044	NO	97.56	97.6	0.111	
203	2... 13C-PCB-169	8.66e5	1.26	NO	1.33	1.000	50.47	50.49	1.094	1.094	NO	92.55	92.6	0.113	
204	2... 13C-PCB-188	9.94e5	0.44	NO	1.39	1.000	42.55	42.51	0.925	0.925	NO	108.2	108	0.0459	
205	2... 13C-PCB-180	5.68e5	0.44	NO	0.907	1.000	49.25	49.24	1.071	1.071	NO	94.81	94.8	0.0704	
206	2... 13C-PCB-170	5.24e5	0.45	NO	0.823	1.000	50.92	50.91	1.107	1.107	NO	96.46	96.5	0.0776	
207	2... 13C-PCB-189	6.30e5	0.45	NO	1.08	1.000	52.70	52.69	1.146	1.146	NO	88.64	88.6	0.0593	
208	2... 13C-PCB-202	9.38e5	0.90	NO	1.23	1.000	48.14	48.12	1.047	1.047	NO	115.3	115	0.0246	
209	2... 13C-PCB-194	5.25e5	0.92	NO	0.710	1.000	54.34	54.33	0.995	0.995	NO	98.86	98.9	0.0563	
210	2... 13C-PCB-208	6.80e5	0.80	NO	0.865	1.000	53.53	53.54	0.980	0.980	NO	105.0	105	0.0455	
211	2... 13C-PCB-206	4.71e5	0.79	NO	0.623	1.000	55.87	55.85	1.023	1.023	NO	101.0	101	0.0633	
212	2... 13C-PCB-209	5.78e5	1.21	NO	0.725	1.000	57.11	57.11	1.046	1.046	NO	106.5	107	0.0242	

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Dataset: U:\VG11.PRO\Results\210512K2\210512K2-1.qld

Last Altered: Wednesday, May 12, 2021 3:34:38 PM Pacific Daylight Time
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Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

#	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	2.16e6	1.62	NO	1.00	1.000	25.11	25.10	1.000	0.000	NO	100.0	100	0.0703	
214	2... 13C-PCB-31	1.74e6	1.05	NO	1.00	1.000	28.23	28.22	1.000	0.000	NO	100.0	100	0.157	
215	2... 13C-PCB-60	1.47e6	0.77	NO	1.00	1.000	36.25	36.24	1.000	0.000	NO	100.0	100	0.0632	
216	2... 13C-PCB-111	1.33e6	1.54	NO	1.00	1.000	38.82	38.79	1.000	0.000	NO	100.0	100	0.0375	
217	2... 13C-PCB-128	7.03e5	1.26	NO	1.00	1.000	46.16	46.15	1.000	0.000	NO	100.0	100	0.150	
218	2... 13C-PCB-182	6.61e5	0.44	NO	1.00	1.000	45.99	45.98	0.000	0.000	NO	100.0	100	0.0638	
219	2... 13C-PCB-205	7.48e5	0.92	NO	1.00	1.000	54.64	54.60	1.000	0.000	NO	100.0	100	0.0400	
220	2... 13C-PCB-79	1.44e6	0.78	NO	1.04	1.000	37.34	37.34	1.030	1.030	NO	94.50	94.5	0.0610	
221	2... 13C-PCB-178	5.97e5	0.44	NO	0.774	1.000	45.43	45.41	0.988	0.988	NO	109.6	110	0.0821	
222	2... 13C-PCB-79	1.36e6	0.79	NO	1.04	1.000	37.34	37.34	0.967	0.967	NO	95.46	95.5	0.0698	
223	2... 13C-PCB-178	5.96e5	0.44	NO	1.02	1.000	45.43	45.41	0.923	0.922	NO	103.1	103	0.0725	

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Vista Analytical Laboratory VG-11

Dataset: Untitled

Last Altered: Thursday, May 13, 2021 7:47:21 AM Pacific Daylight Time

Printed: Thursday, May 13, 2021 7:50:21 AM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_4-16-21.mdb 16 Apr 2021 14:24:06

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

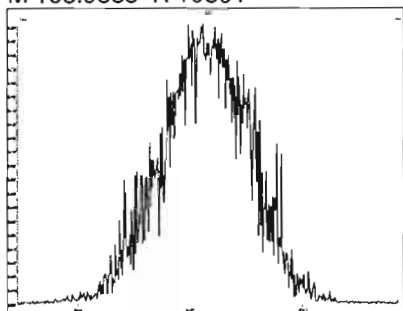
Compound name: PCB-1

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1	.210512K2_1	ST210512K2-1 PCB 209 CS3 20J1217	12-May-21	11:52:35
2	.210512K2_2	B1E0059-BS4 OPR 10	12-May-21	12:53:15
3	.210512K2_3	B1E0058-BS1 OPR 10	12-May-21	13:53:21
4	.210512K2_4	SOLVENT BLANK	12-May-21	14:54:17
5	.210512K2_5	B1E0058-BLK1 Method Blank 10	12-May-21	15:55:19
6	.210512K2_6	B1E0058-DUP1 Duplicate 13.72	12-May-21	16:56:21
7	.210512K2_7	2104131-01RE1 USMPDI-005SG-210412 7.4	12-May-21	17:57:16
8	.210512K2_8	2104131-02RE1 USMPDI-017SG-210412 13.88	12-May-21	18:58:17
9	.210512K2_9	2104131-03RE1 USMPDI-020SG-210412 14.31	12-May-21	19:59:18
10	.210512K2_10	2104185-01RE1 USMPDI-010SG-210414 11.67	12-May-21	21:00:13
11	.210512K2_11	2104185-02RE1 USMPDI-015SG-210414 12.42	12-May-21	22:01:08
12	.210512K2_12	2104185-03RE1 USMPDI-019SG-210414 12.06	12-May-21	23:02:08

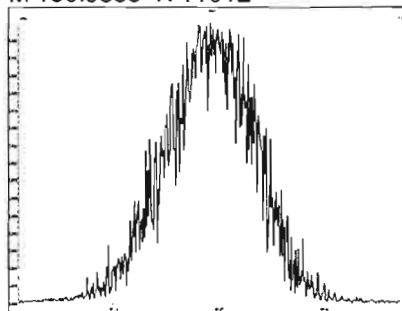
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Wednesday, May 12, 2021 11:48:16 Pacific Daylight Time

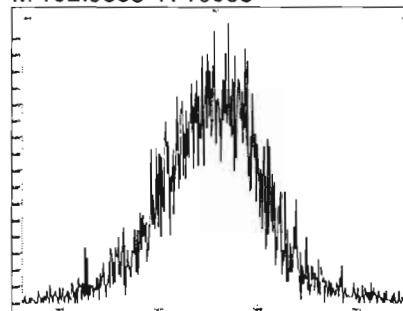
M 168.9888 R 10501



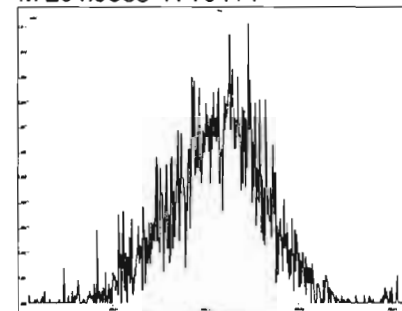
M 180.9888 R 11012



M 192.9888 R 10965



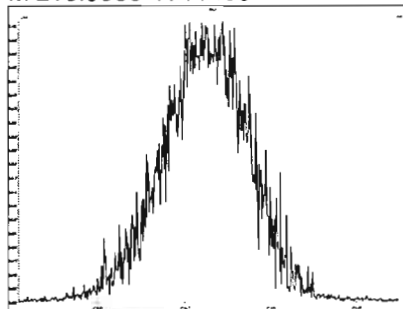
M 204.9888 R 10414



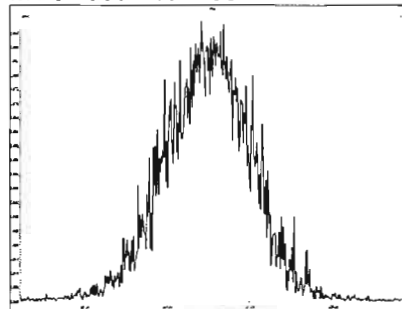
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Wednesday, May 12, 2021 11:49:33 Pacific Daylight Time

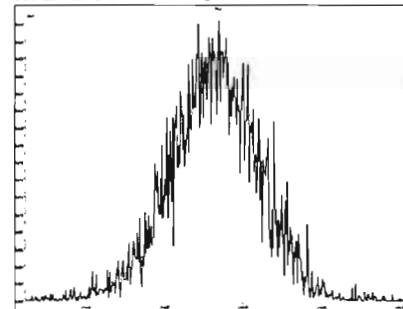
M 218.9856 R 11468



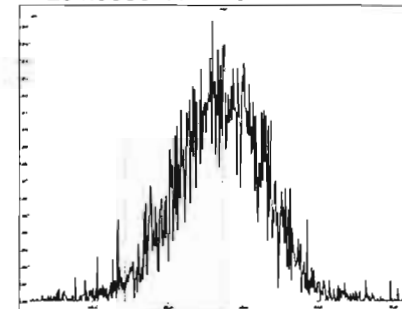
M 230.9856 R 11064



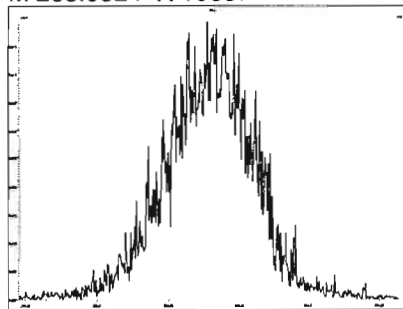
M 242.9856 R 10417



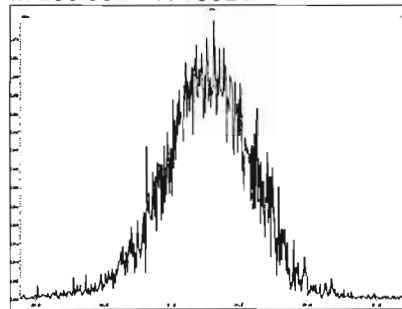
M 254.9856 R 11794



M 268.9824 R 10687



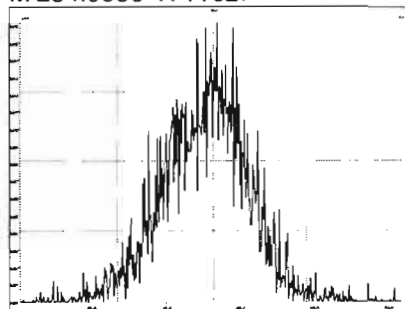
M 280.9824 R 10824



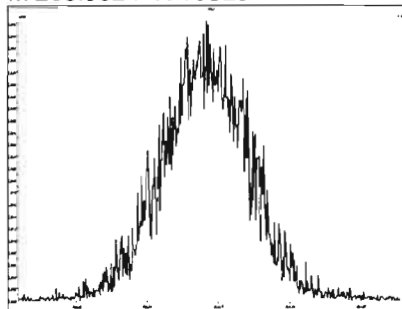
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Wednesday, May 12, 2021 11:50:18 Pacific Daylight Time

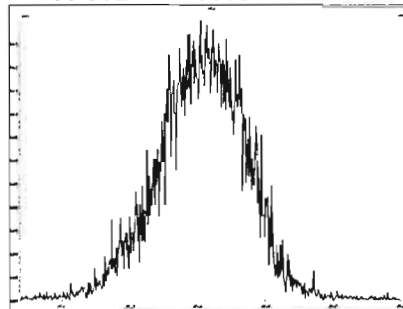
M 254.9856 R 11627



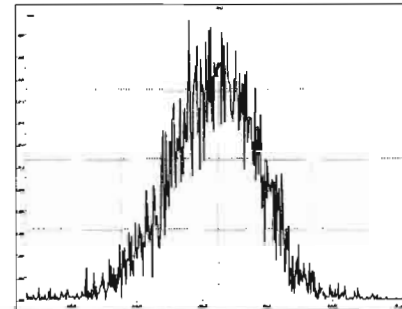
M 268.9824 R 10329



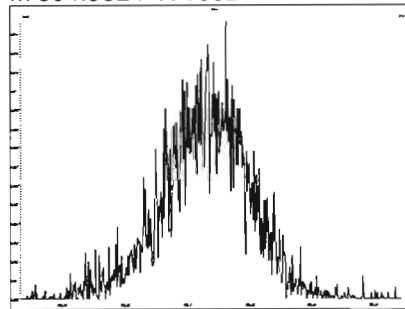
M 280.9824 R 10083



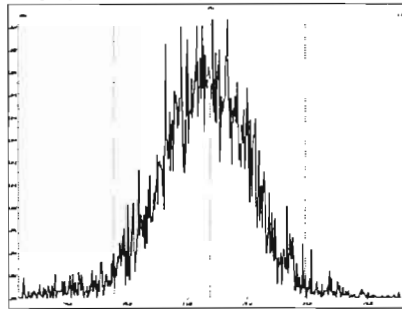
M 292.9824 R 11313



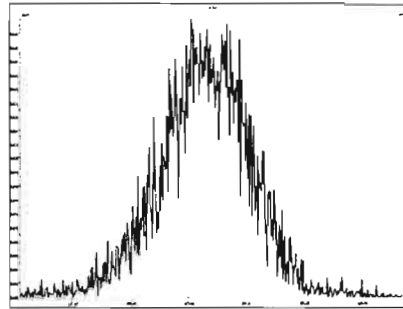
M 304.9824 R 10821



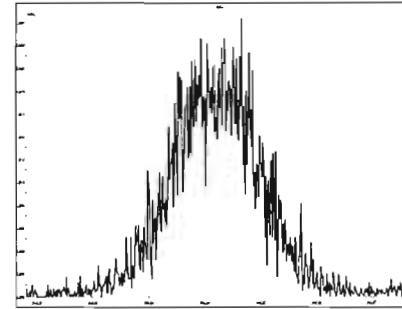
M 318.9792 R 10641



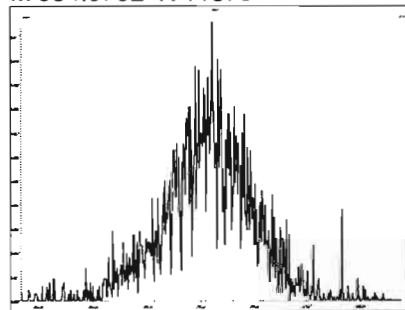
M 330.9792 R 10001



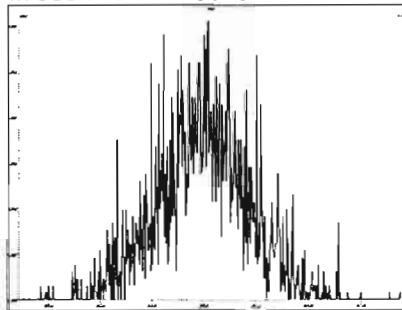
M 342.9792 R 10204



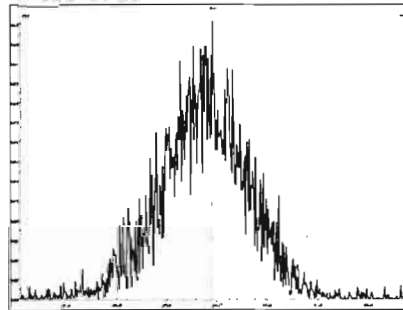
M 354.9792 R 11573



M 366.9792 R 13510



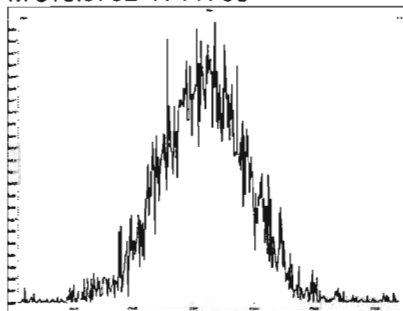
M 380.9760 R 11212



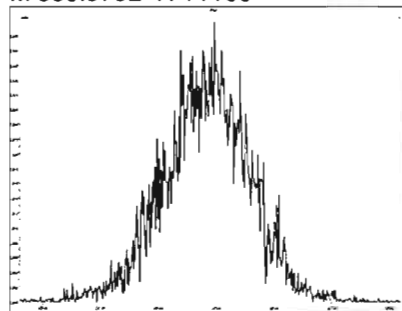
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Wednesday, May 12, 2021 11:50:48 Pacific Daylight Time

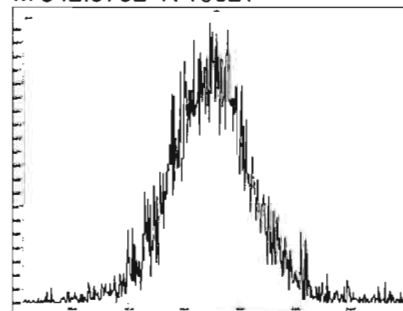
M 318.9792 R 11738



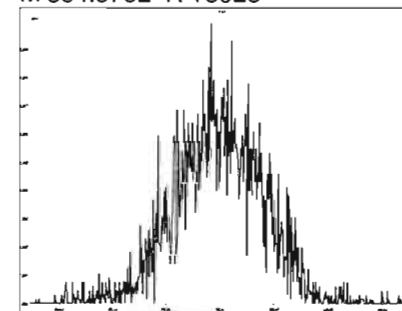
M 330.9792 R 11160



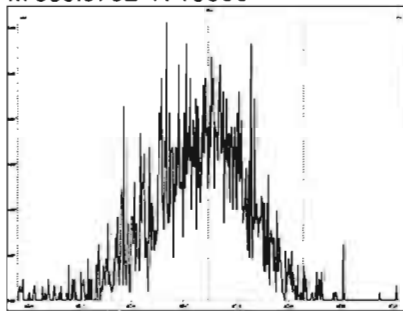
M 342.9792 R 10821



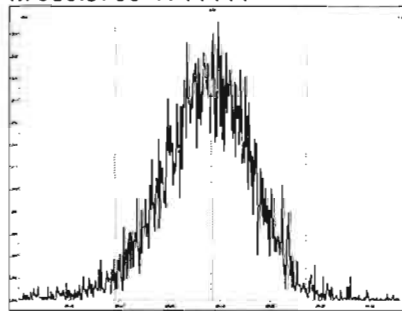
M 354.9792 R 13023



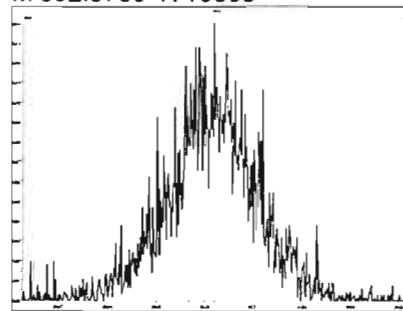
M 366.9792 R 10500



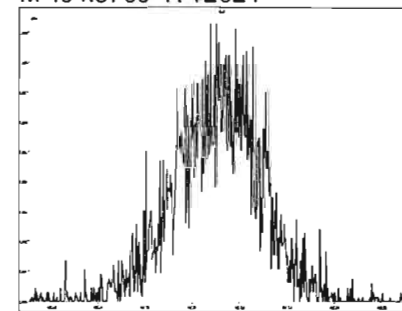
M 380.9760 R 11111



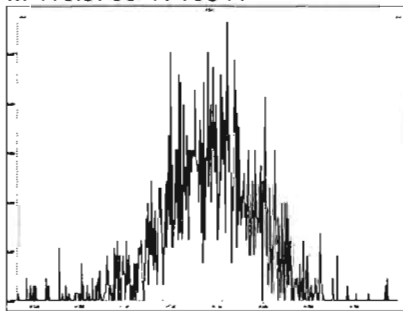
M 392.9760 R 10868



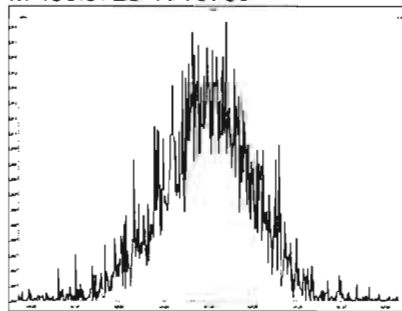
M 404.9760 R 12624



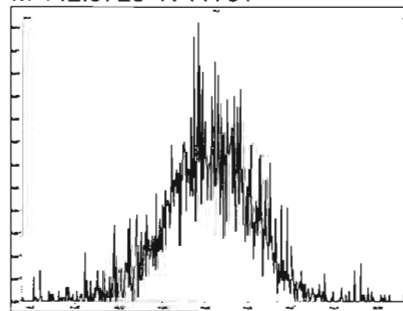
M 416.9760 R 16341



M 430.9728 R 10730



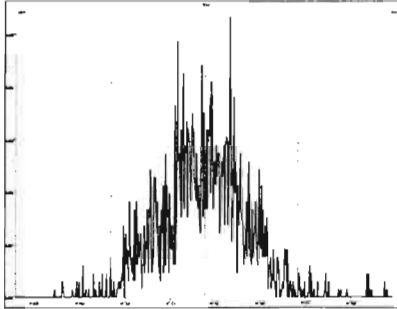
M 442.9728 R 11791



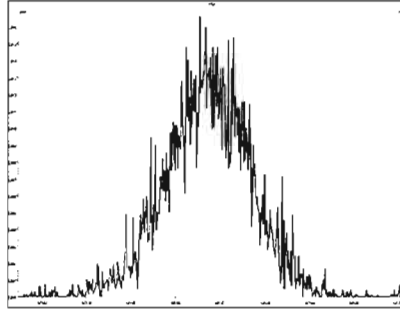
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Wednesday, May 12, 2021 11:51:14 Pacific Daylight Time

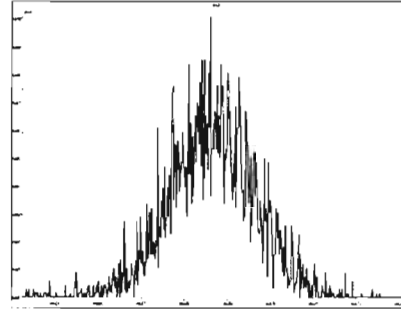
M 416.9760 R 12438



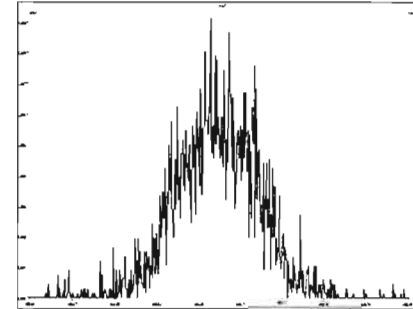
M 430.9728 R 13297



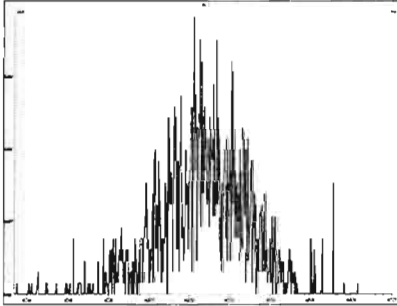
M 442.9728 R 12018



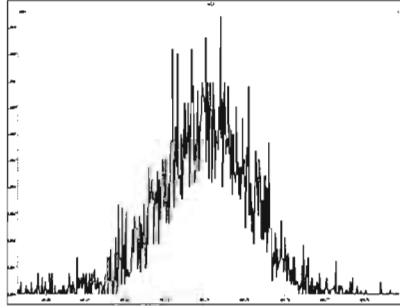
M 454.9728 R 13438



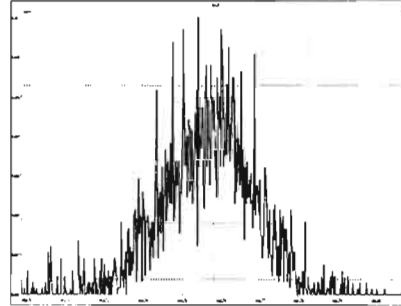
M 466.9728 R 15824



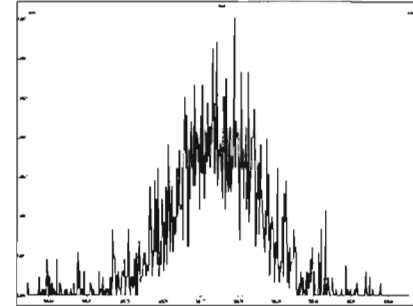
M 480.9696 R 11905



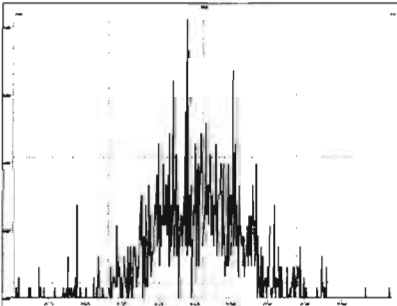
M 492.9696 R 11260



M 504.9696 R 11960



M 516.9697 R 28747



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Last Altered: Wednesday, May 12, 2021 3:31:36 PM Pacific Daylight Time

Printed: Wednesday, May 12, 2021 3:32:25 PM Pacific Daylight Time

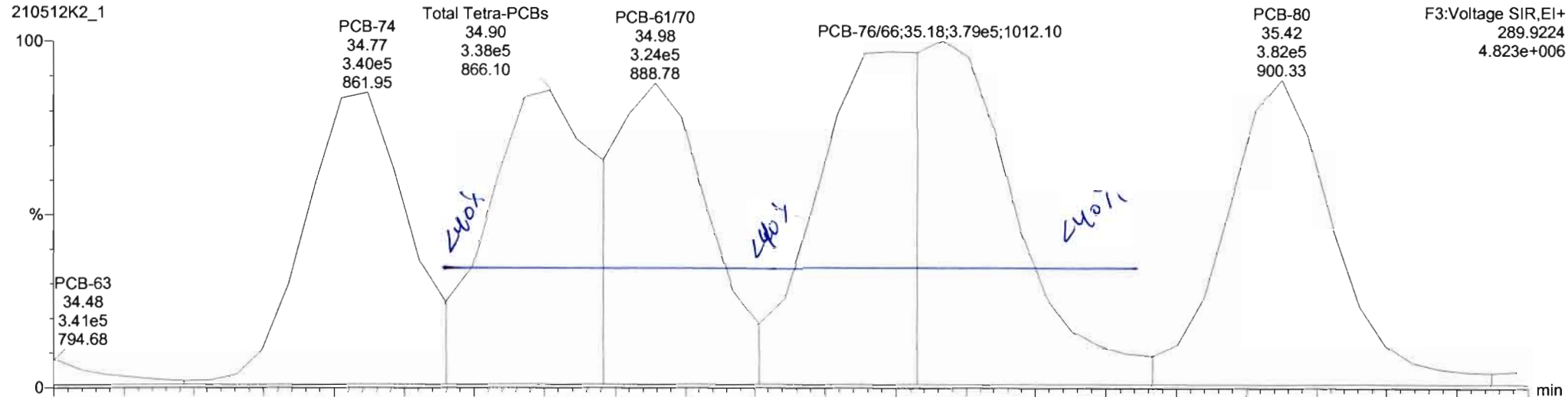
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Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

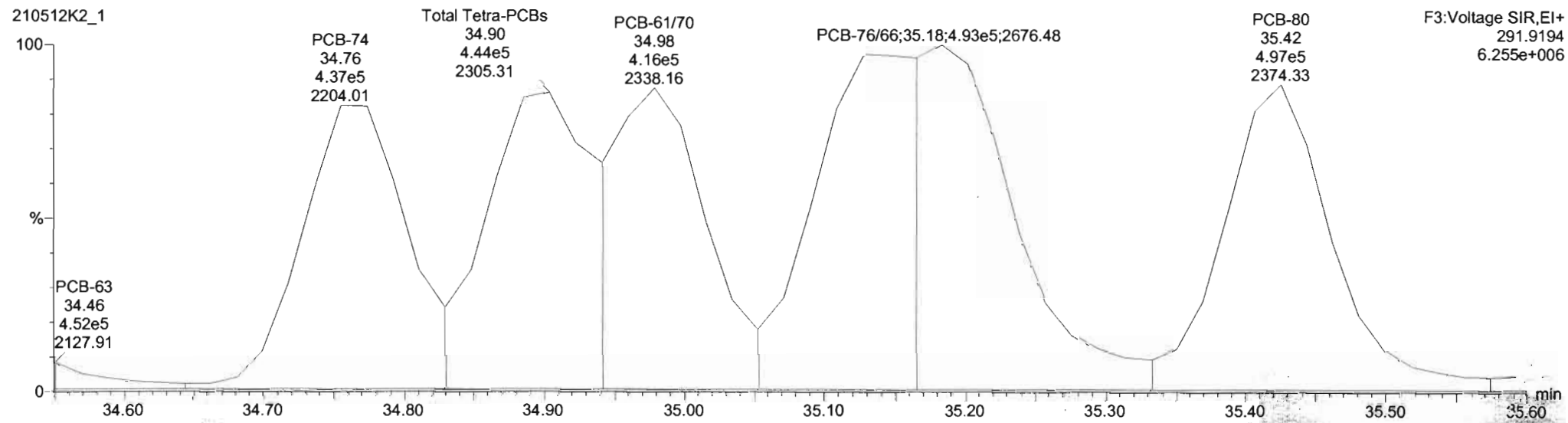
Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

PCB-74

210512K2_1



210512K2_1



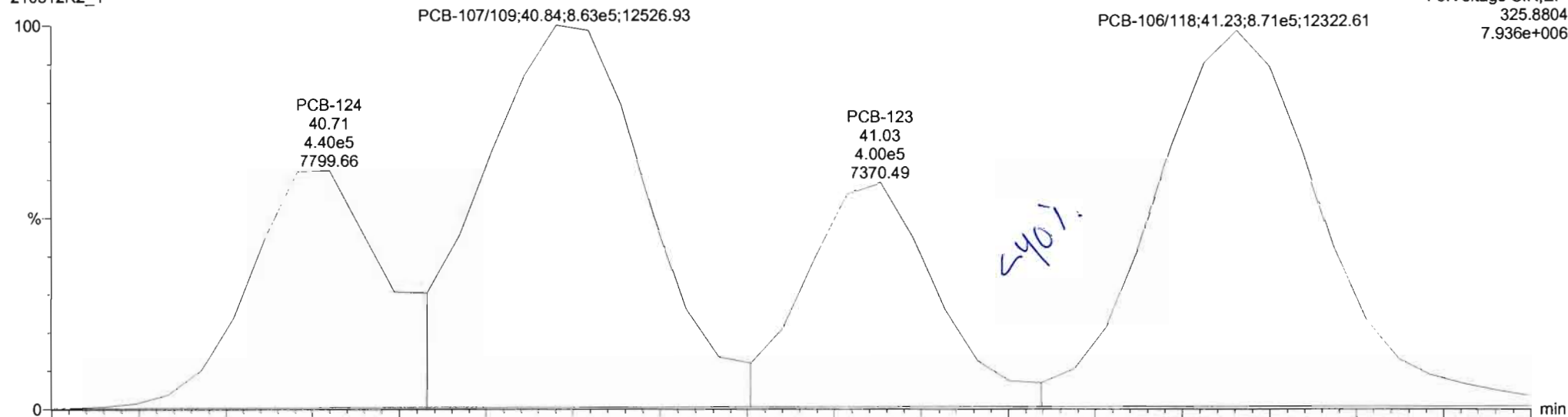
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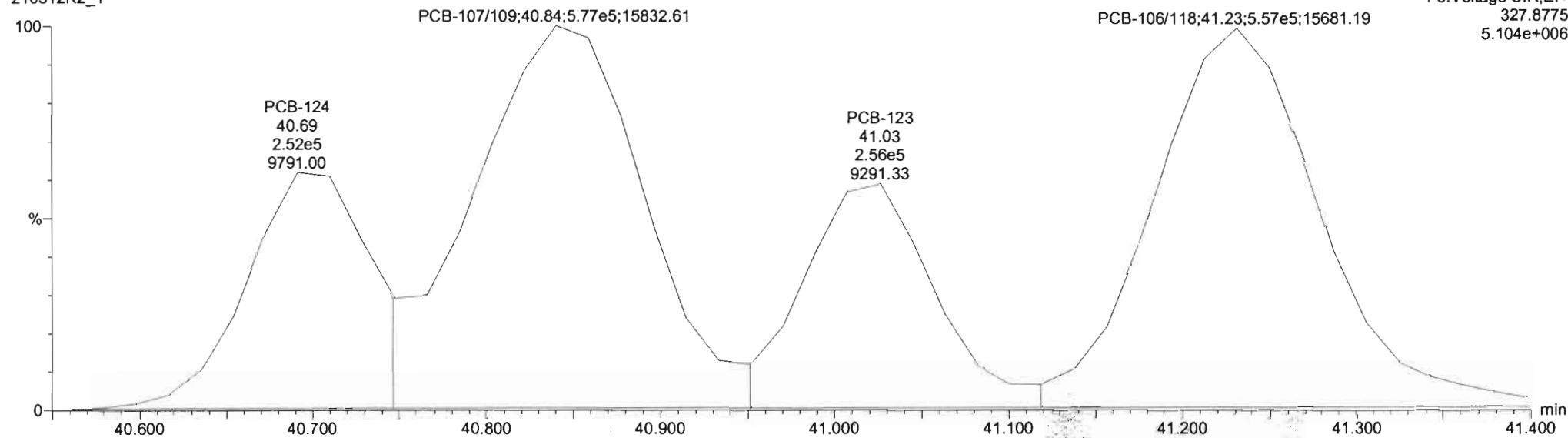
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PCB-123

210512K2_1



210512K2_1



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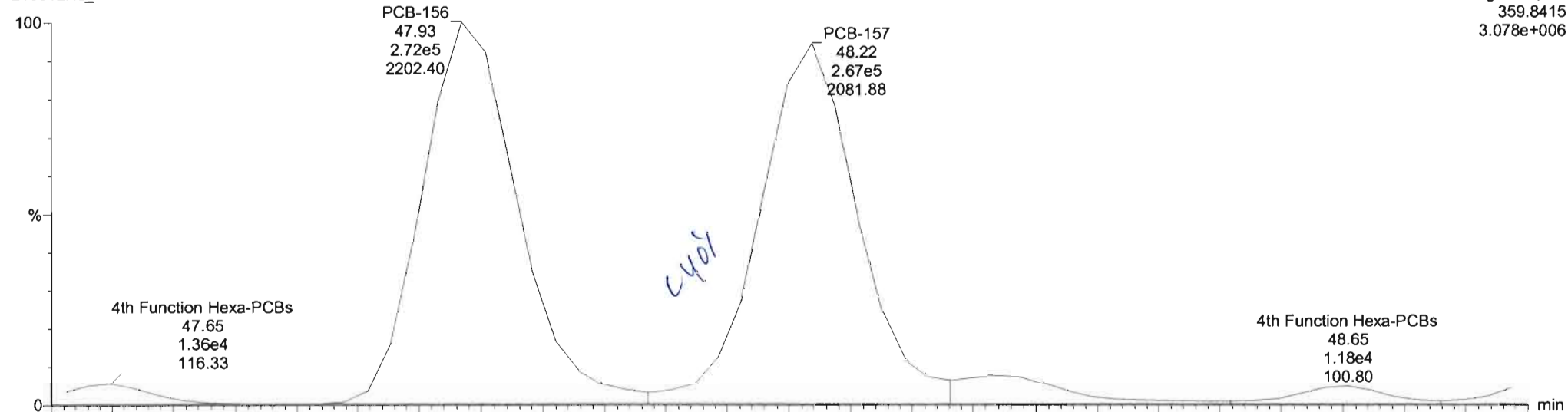
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PCB-156

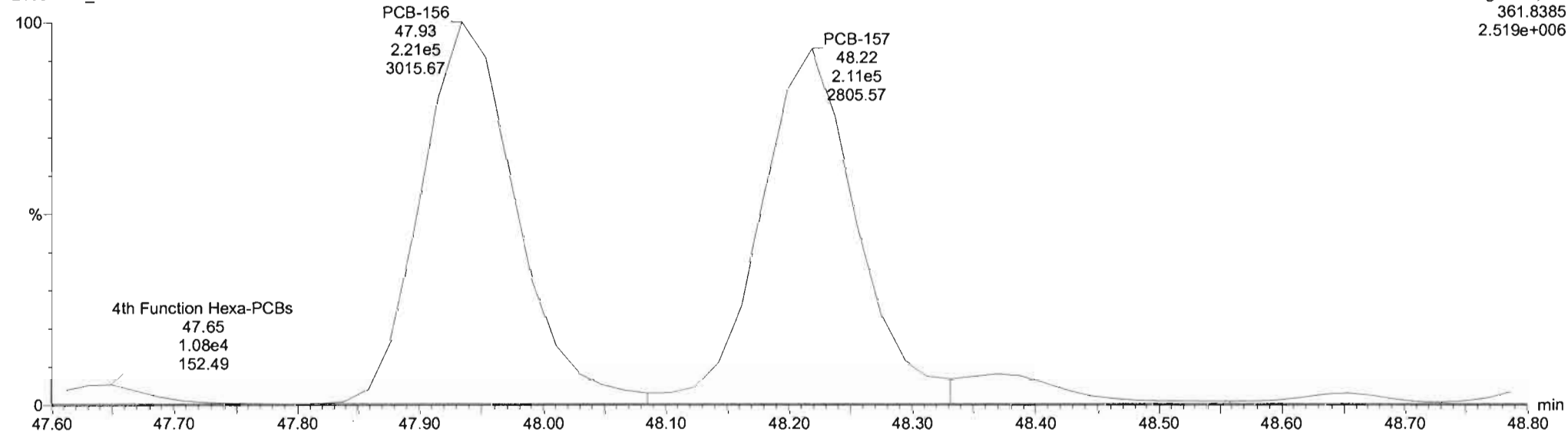
210512K2_1

F4:Voltage SIR,EI+
359.8415
3.078e+006



210512K2_1

F4:Voltage SIR,EI+
361.8385
2.519e+006



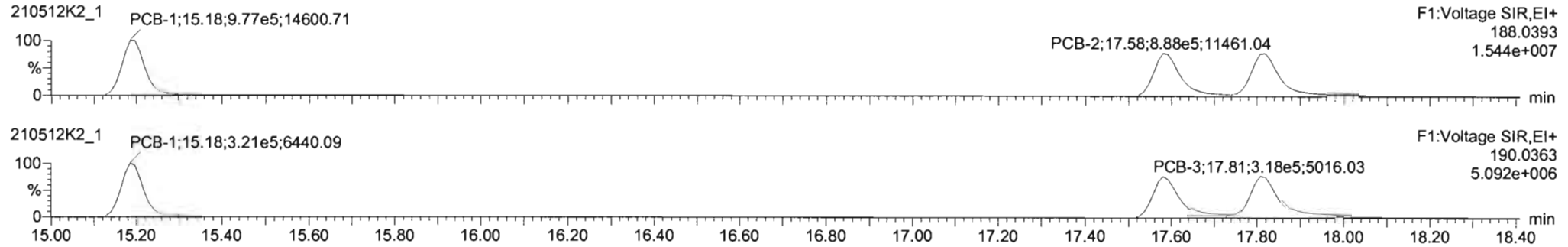
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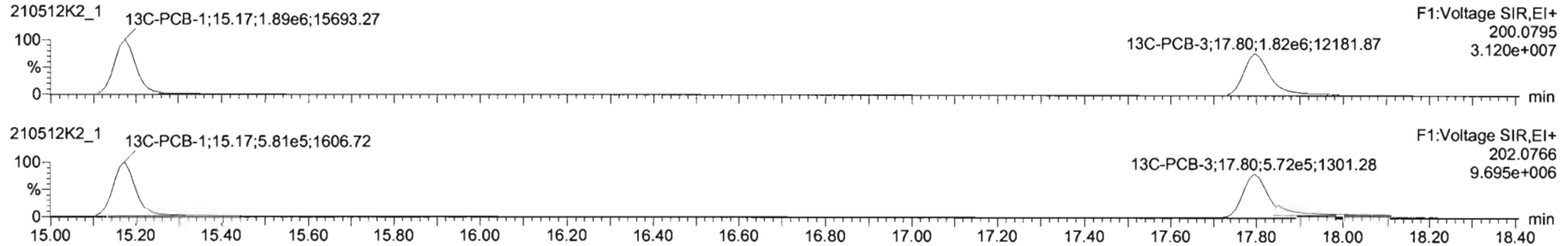
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Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 18:49:42

Name: 210512K2_1, Date: 12-May-2021, Time: 11:52:35, ID: ST210512K2-1 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

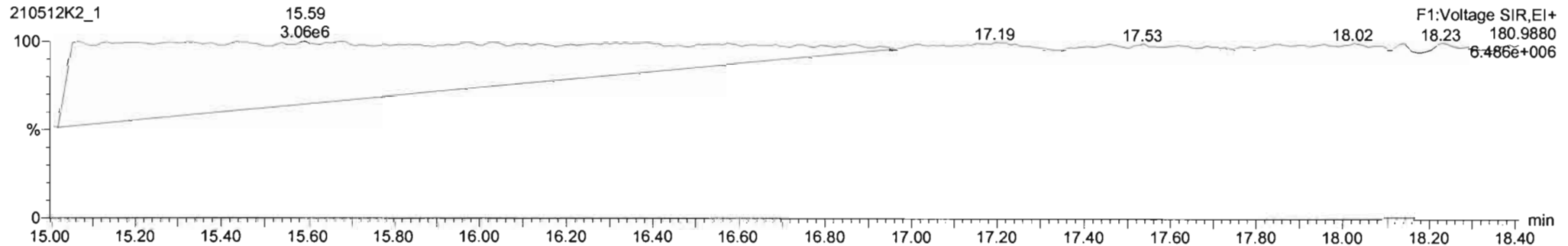
PCB-1



13C-PCB-1

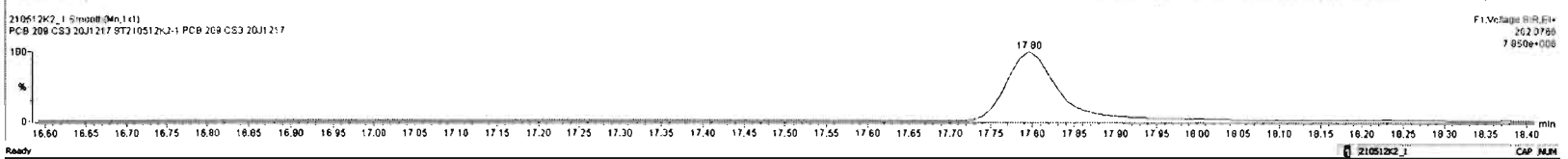
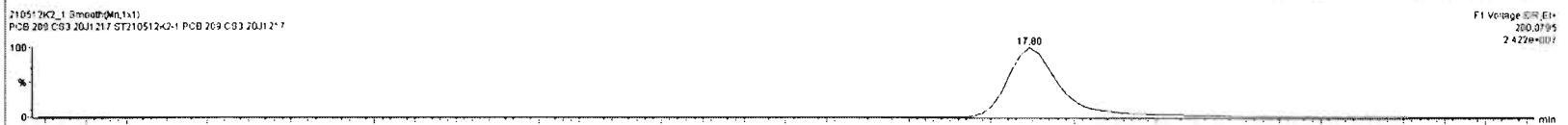
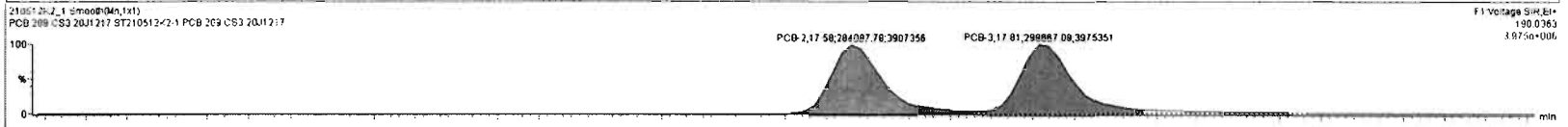
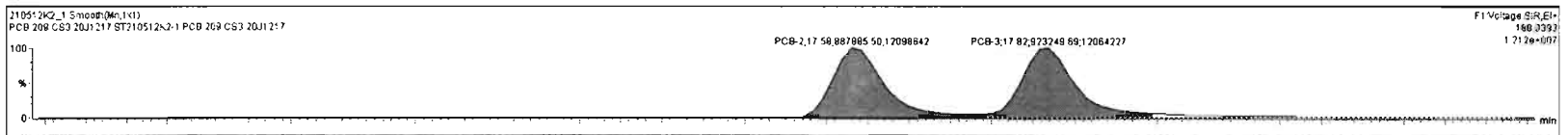


PFK1



#	Name	Resp	RA	nly	RF	wtAve	Pred RT	RT	Pred R	RRT	RRT Fst	Conc.	%Proc	CL	EMPC
222	222 13C-PCB-79	1.36e8	0.79	NO	1.0415	1.000	37.34	37.34	0.987	0.987	NO	95.46	95.5	0.0808	
223	223 13C-PCB-178	5.96e5	0.44	NO	1.0180	1.000	45.43	45.41	0.923	0.922	NO	103.1	103	0.0725	
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	152.2		0.0321	152.2
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	814.2		0.403	814.2
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	437.8		0.0652	437.8
227	227 3rd Function Tri-PCBs				0.8687	1.000	0.00		0.000		NO	836.5		0.810	836.5
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	2271		2.94	2271
229	229 5th Function Penta-PCBs				1.1173	1.000	0.00		0.000		NO	3998		0.376	3998

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	1 PCB-1	15.18	15.18	9.77e5	3.207e5	3.130	3.05	NO	53.203	53.203
2	2 PCB-2	17.58	17.58	0.670e5	2.841e5	1.130	3.13	NO	47.989	47.989
3	3 PCB-3	17.81	17.82	9.232e5	2.997e5	3.130	3.08	NO	51.050	51.050

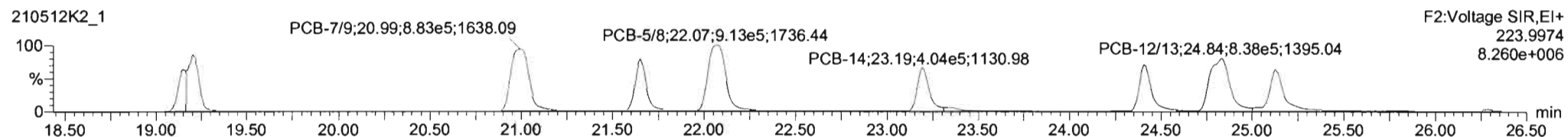
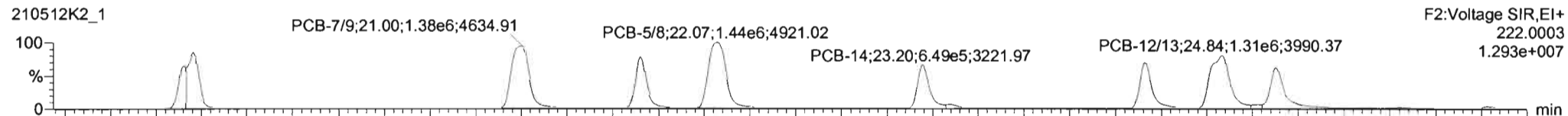


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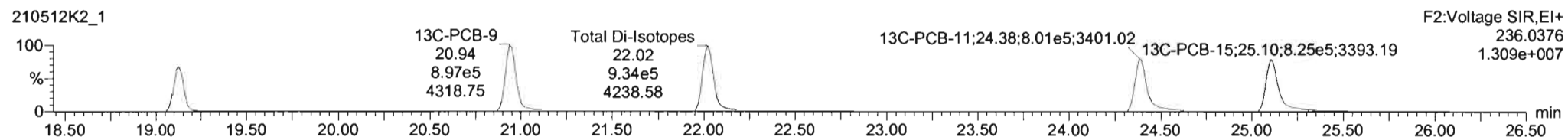
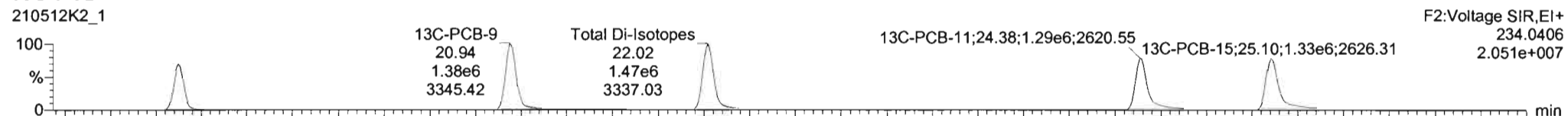
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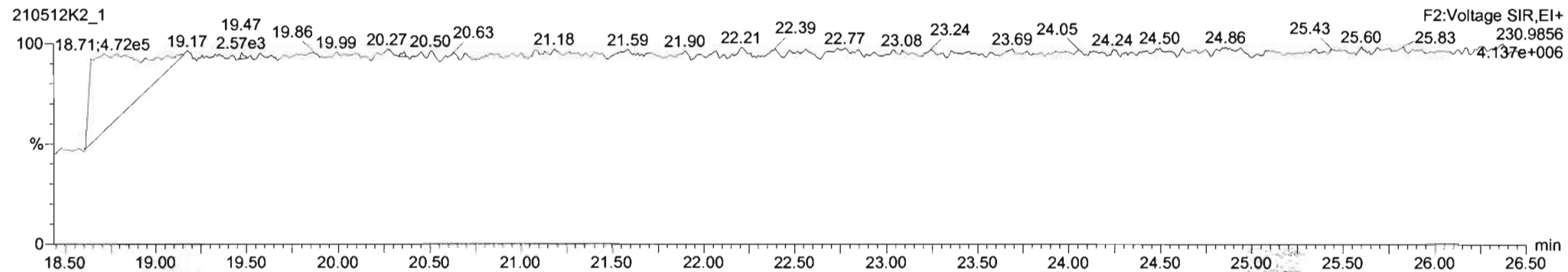
PCB-4/10



13C-PCB-4

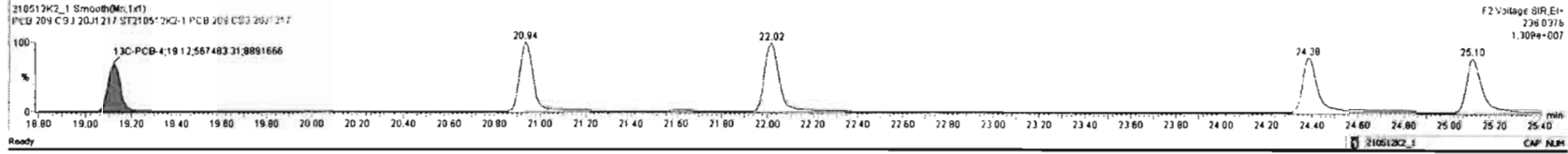
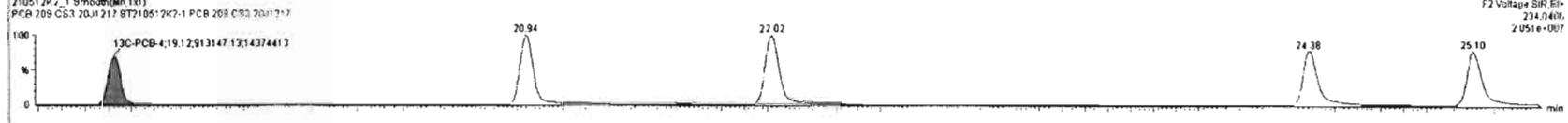
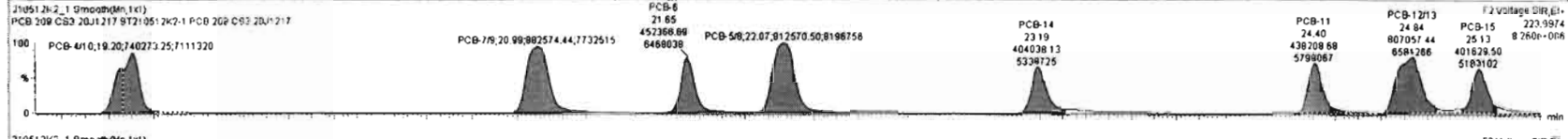
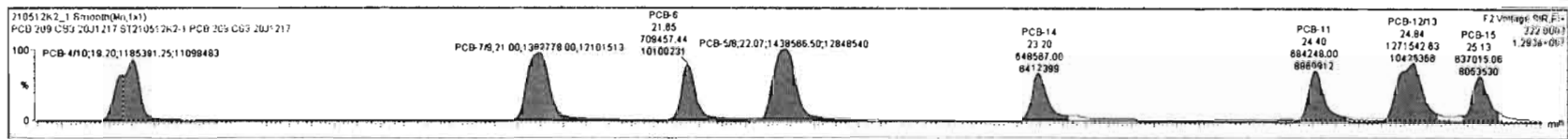


PFK2a



#	Name	Resp	RA	n/y	RF	wAve	Pred RT	RT	Pred RT	RT	RRT	RRT Fail	Conc	%Rec	DL	EMPC
222	222 13C-PCB-79	1.36e6	0.79	NO	1.0415	1.000	37.34	37.34	0.967	0.967	NO	95.46	95.5	0.0698		
223	223 13C-PCB-178	5.96e5	0.44	NO	1.0180	1.000	45.43	45.41	0.923	0.922	NO	103.1	103	0.0725		
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.000	0.000	NO	152.2		0.0321	152.2	
225	225 Total Di-PCBs				1.0367	1.000	0.00	0.00	0.000	0.000	NO	614.2		0.403	614.2	
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	437.8		0.0652	437.8	
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00	0.00	0.000	0.000	NO	836.5		0.810	836.5	
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.00	0.000	0.000	NO	2271		2.84	2271	
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.00	0.000	0.000	NO	2698		0.176	2698	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
4	PCB-4/0	19.20	19.20	1.185e6	7.403e5	1.560	1.60	NO	107.71	107.71
5	PCB-7/6	20.99	21.00	1.303e5	8.826e5	1.560	1.57	NO	105.75	105.75
6	PCB-6	21.83	21.85	7.095e5	4.524e5	1.560	1.57	NO	51.107	51.107
7	PCB-5/8	22.03	22.07	1.439e5	9.126e5	1.560	1.58	NO	105.60	105.60
8	PCB-14	23.20	23.20	6.486e5	4.040e5	1.560	1.61	NO	49.251	49.251



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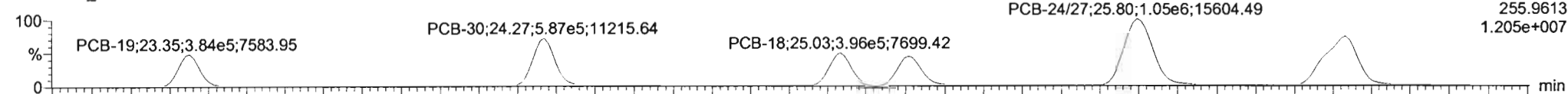
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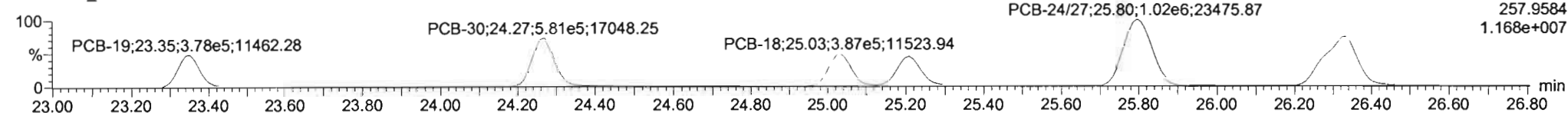
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PCB-19

210512K2_1

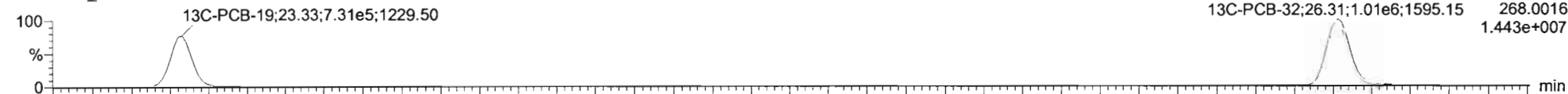


210512K2_1

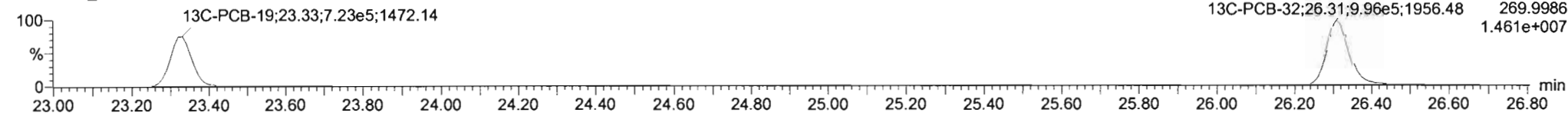


13C-PCB-19

210512K2_1

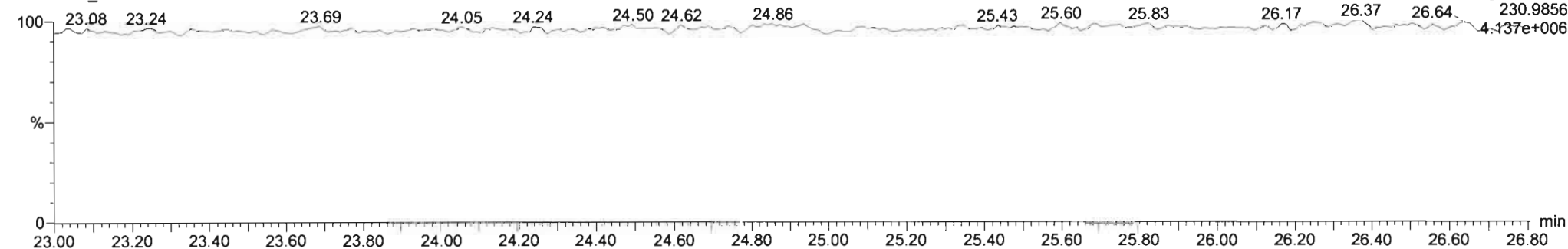


210512K2_1



PFK2b

210512K2_1

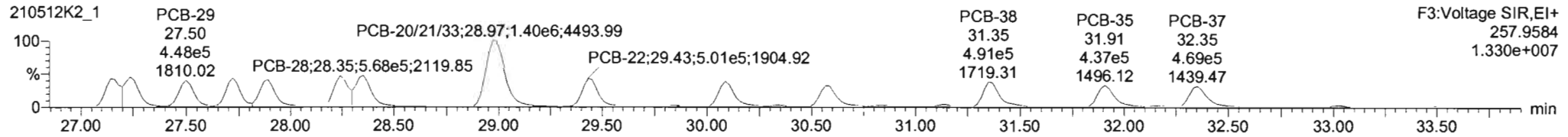
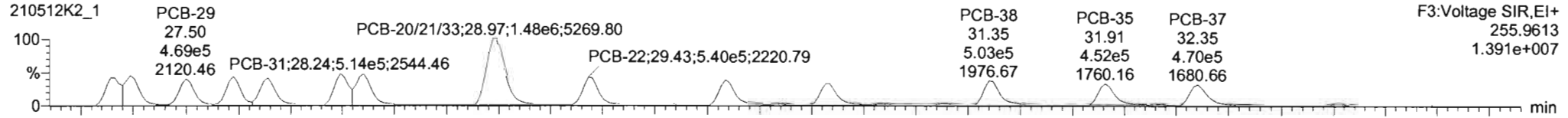


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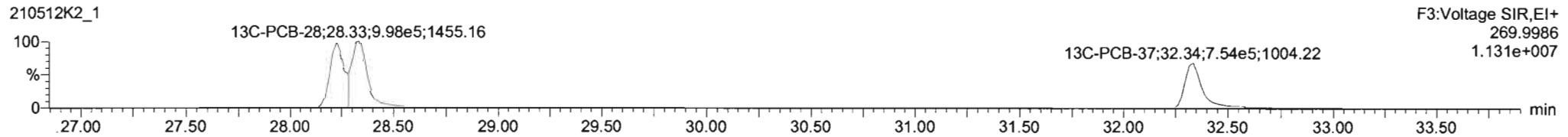
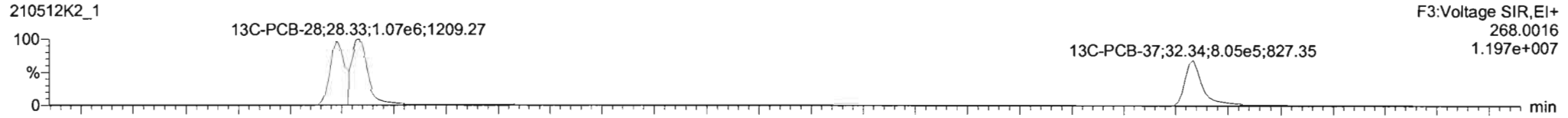
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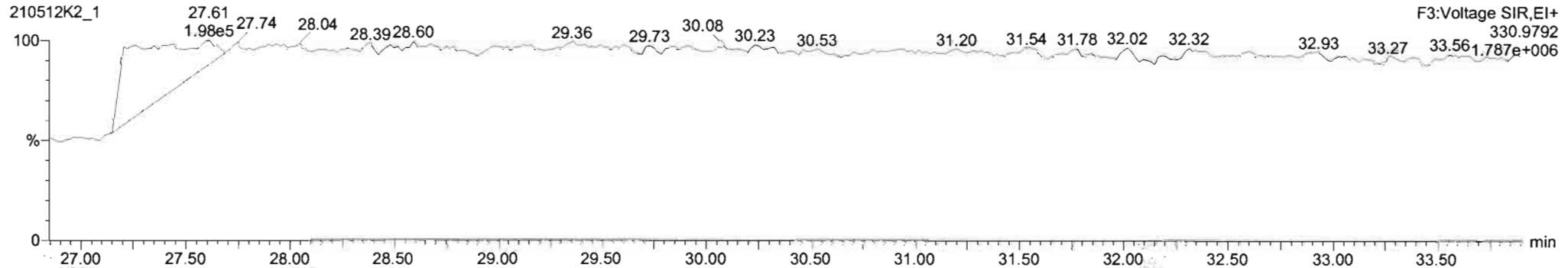
PCB-34

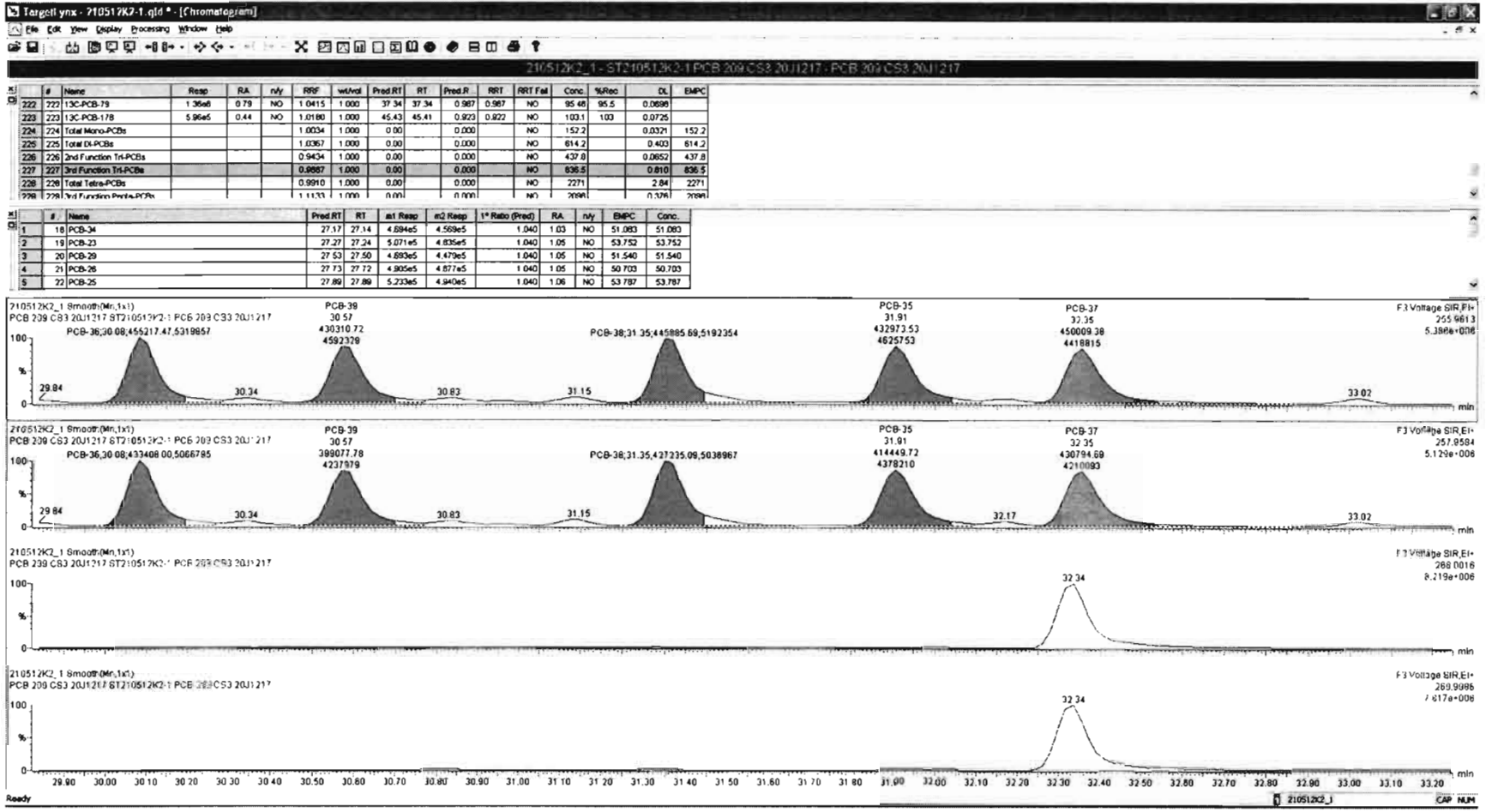


13C-PCB-28



PFK3d





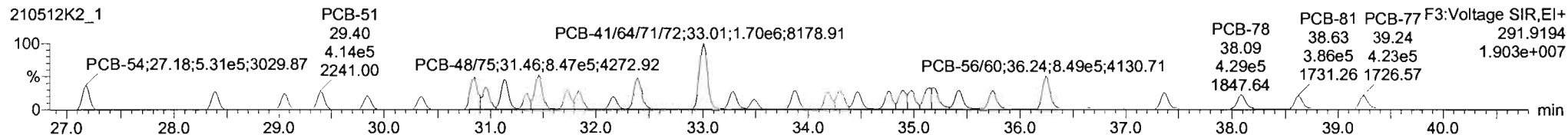
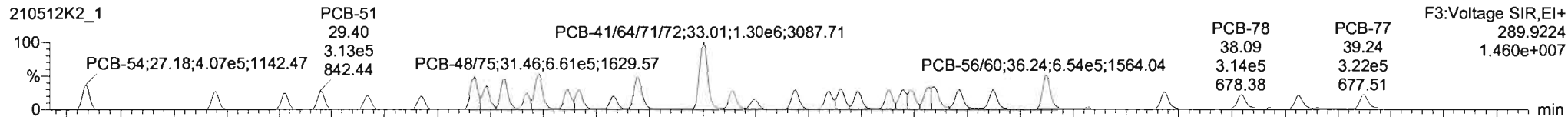
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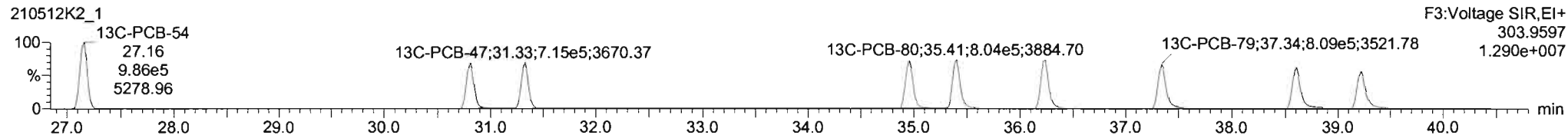
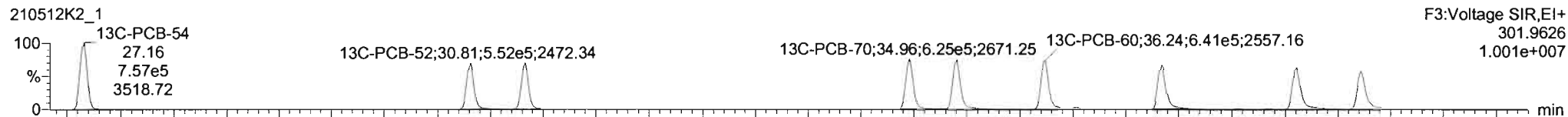
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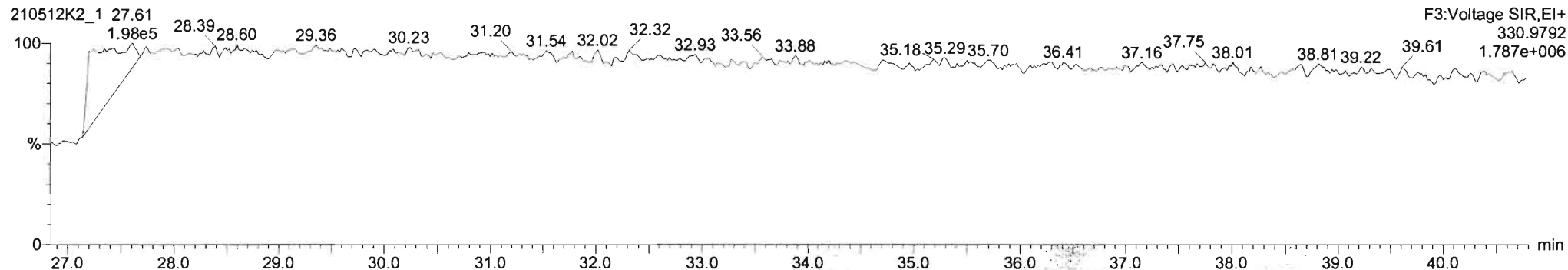
PCB-54



13C-PCB-54



PFK3a



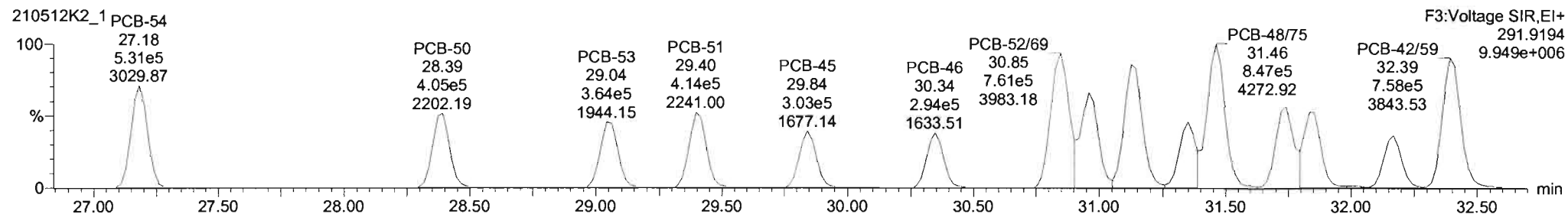
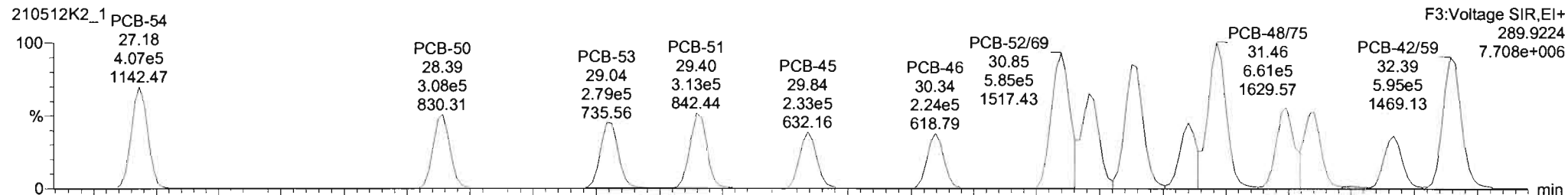
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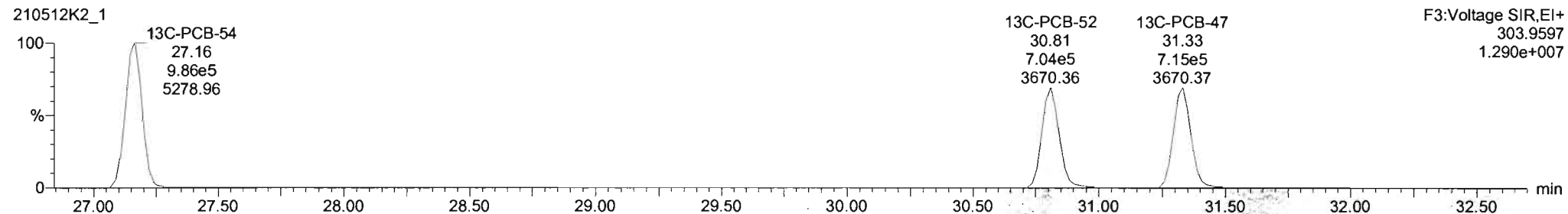
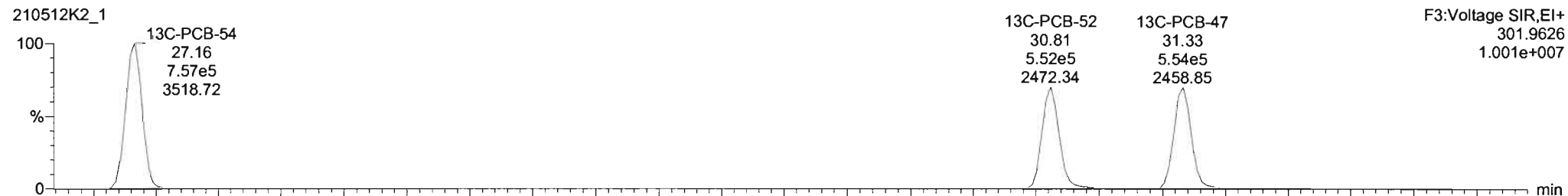
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PCB-50



13C-PCB-52



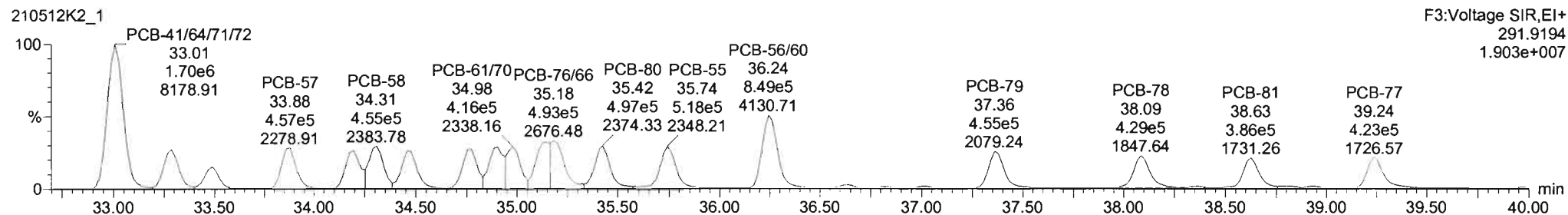
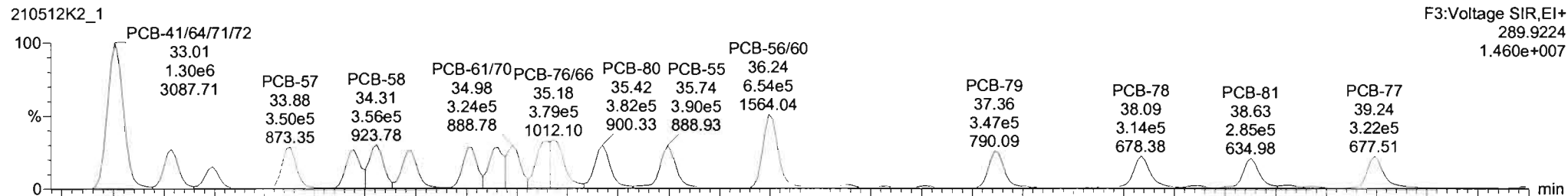
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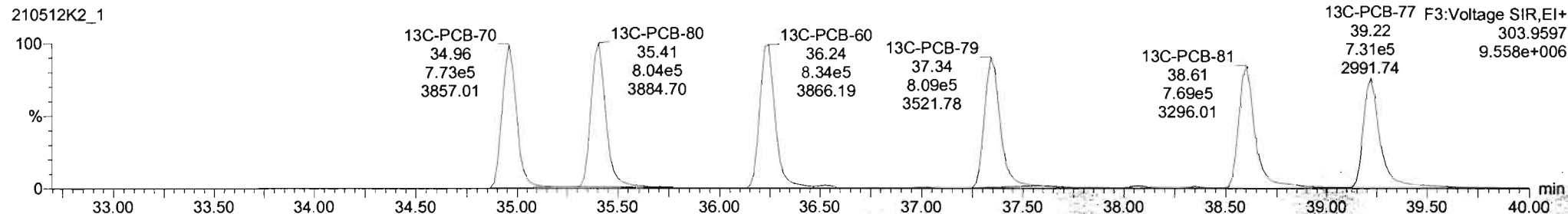
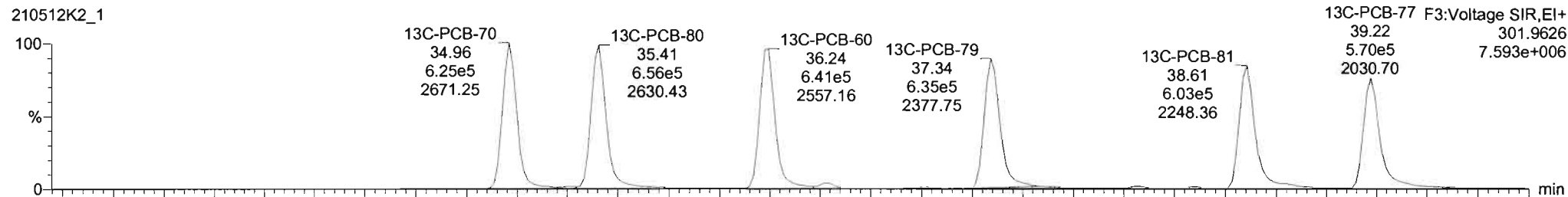
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PCB-68

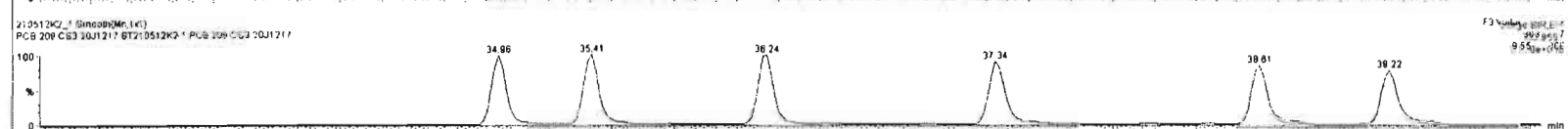
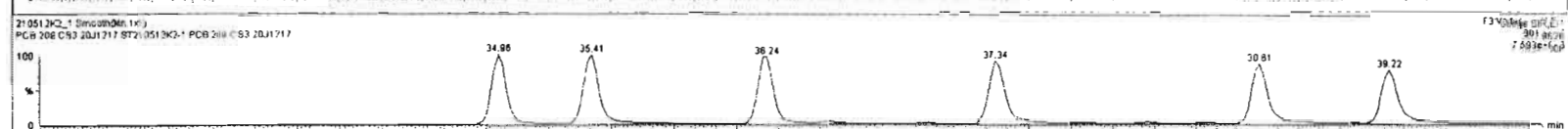
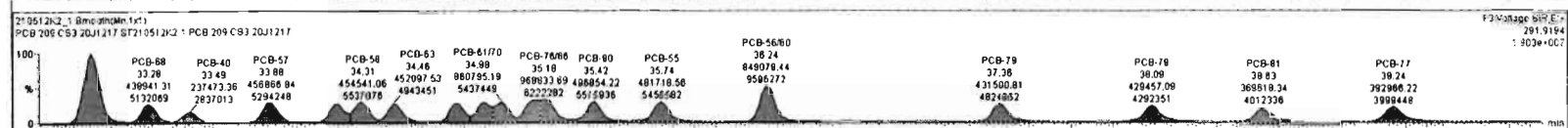
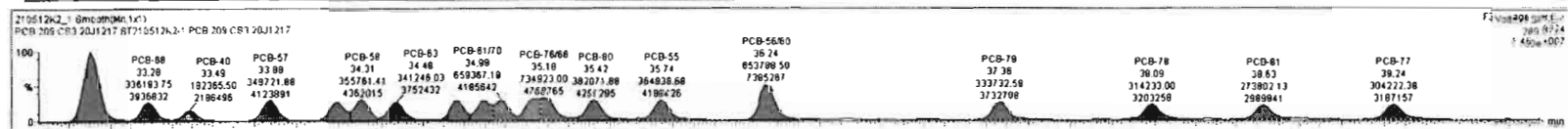


13C-PCB-60



#	Name	Resp	RA	nrv	RRF	wtAvd	Pred.RT	RT	Pred.RT	RRF	RRF Fail	Conc	%Rec	DL	EMPC
222	1X-PCB-79	1.36e6	0.79	NO	1.0415	1.000	37.34	37.34	0.967	0.967	NO	95.46	95.5	0.0698	
223	1X-PCB-178	5.98e5	0.44	NO	1.0180	1.000	45.43	45.41	0.923	0.922	NO	109.1	100	0.0725	
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	152.2		0.0291	152.2
225	Total Di-PCBs				1.0387	1.000	0.00		0.000		NO	814.2		0.463	814.2
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	437.8		0.0652	437.8
227	3rd Function Tri-PCBs				0.9887	1.000	0.00		0.000		NO	836.5		0.810	836.5
228	Total Tetra-PCBs				0.9810	1.000	0.00		0.000		NO	2271		2.84	2271
229	3rd Function Penta-PCBs				1.1131	1.000	0.00		0.000		NO	2098		0.178	2098

#	Name	Pred.RT	RT	nt Resp	nt Resp	1* Ratio (Pred)	RA	nrv	EMPC	Conc
1	32 PCB-54	27.18	27.18	4.069e5	5.310e5	0.770	0.77	NO	55.222	55.222
2	33 PCB-50	28.30	28.30	3.075e5	4.050e5	0.770	0.76	NO	50.923	50.923
3	34 PCB-53	29.04	29.04	2.787e5	3.644e5	0.770	0.76	NO	54.555	54.555
4	35 PCB-51	29.38	29.40	3.132e5	4.136e5	0.770	0.76	NO	57.915	57.915
5	36 PCB-45	29.84	29.84	2.328e5	3.032e5	0.770	0.77	NO	53.197	53.197

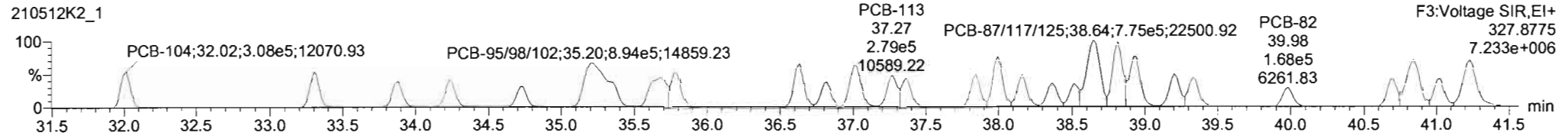
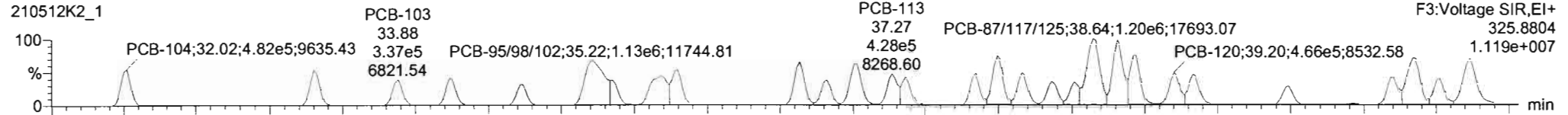


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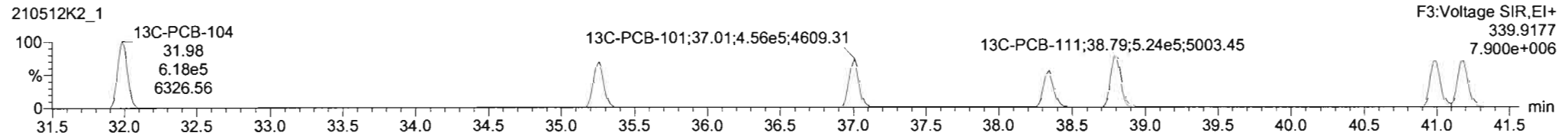
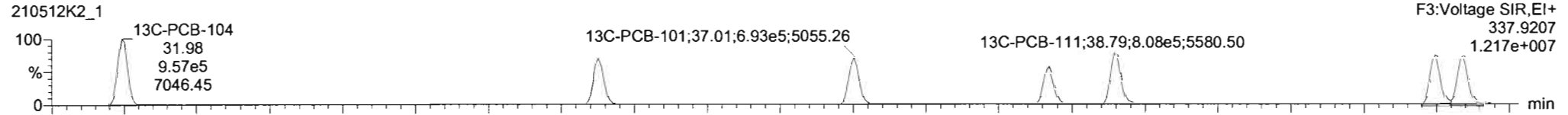
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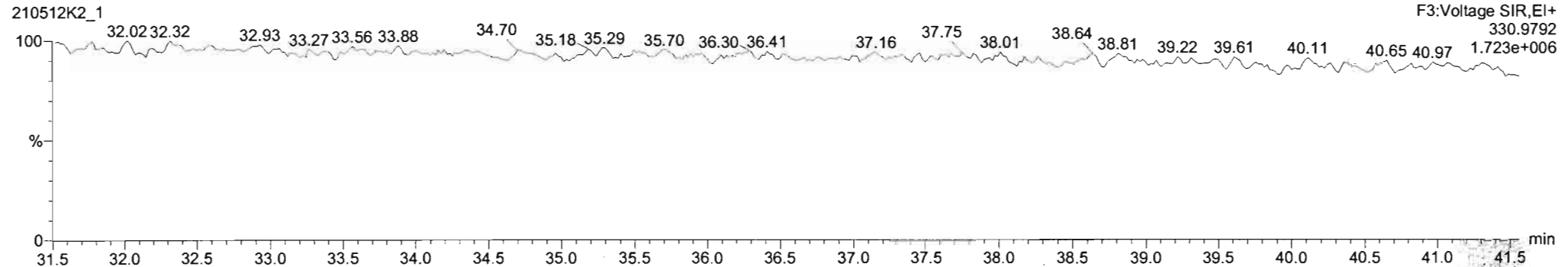
PCB-104



13C-PCB-104



PFK3b



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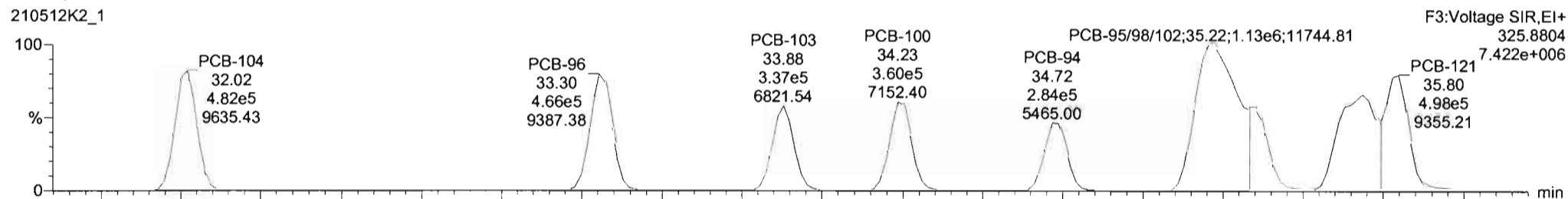
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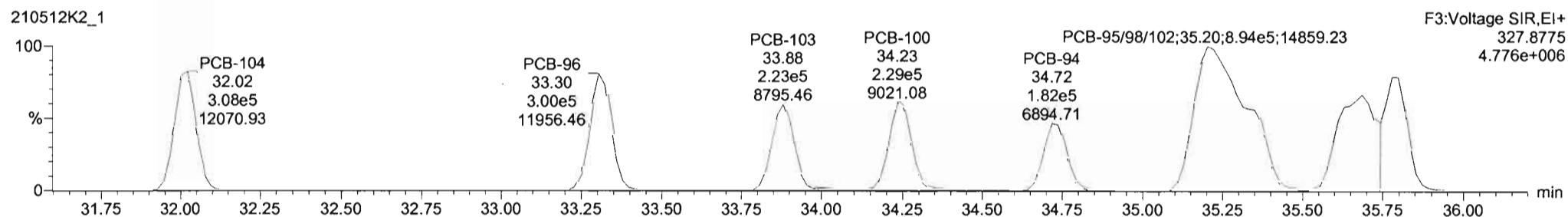
PCB-96

210512K2_1



F3:Voltage SIR,EI+
325.8804
7.422e+006

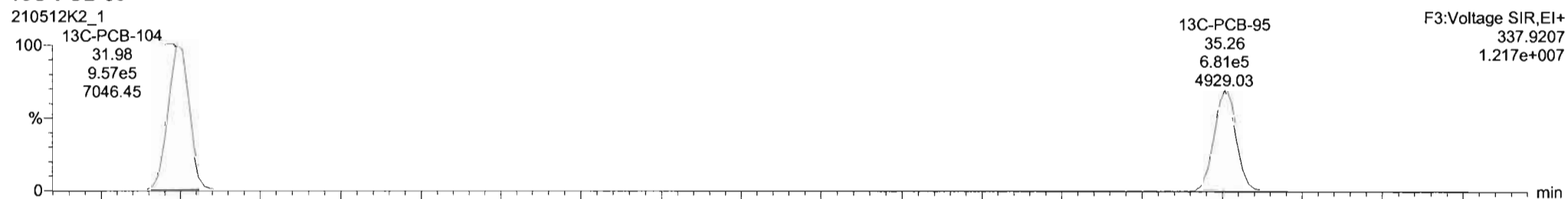
210512K2_1



F3:Voltage SIR,EI+
327.8775
4.776e+006

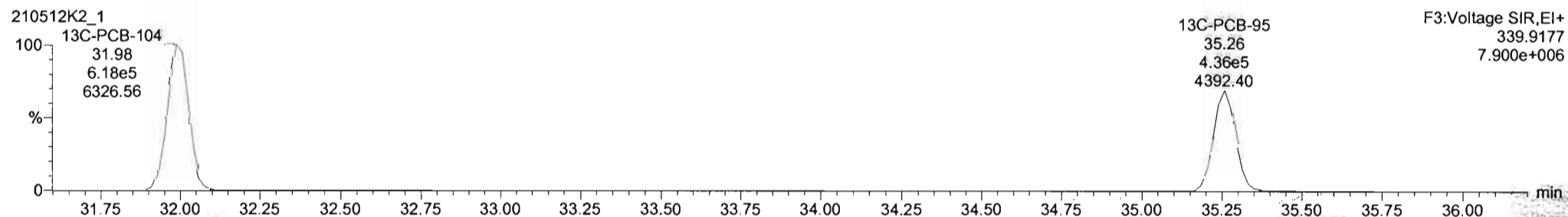
13C-PCB-95

210512K2_1



F3:Voltage SIR,EI+
337.9207
1.217e+007

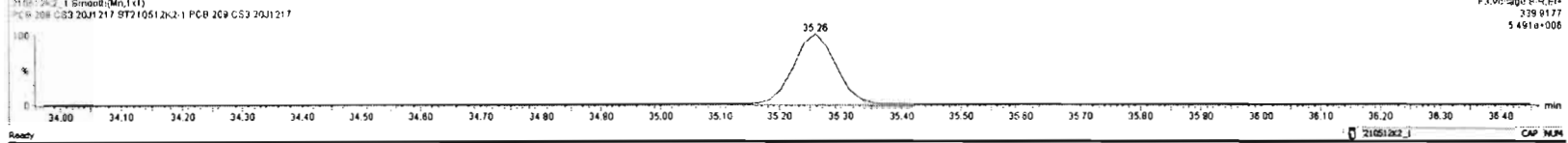
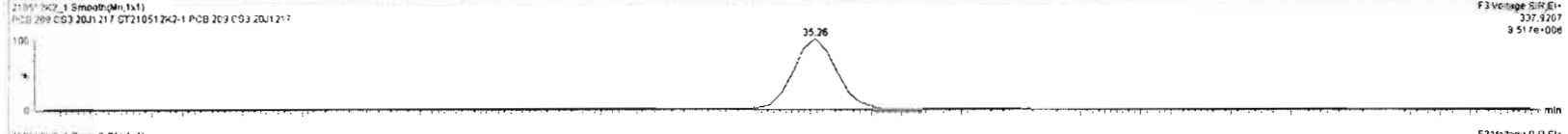
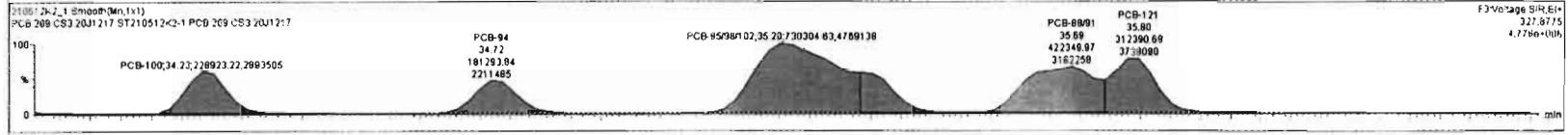
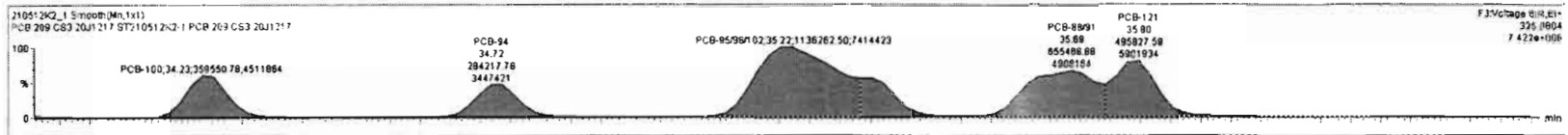
210512K2_1



F3:Voltage SIR,EI+
339.9177
7.900e+006

#	Name	Resp	RA	nly	RRF	wtAveI	Pred RT	RT	Pred.R	RRF	RRF Fail	Conc	%Rec	DL	EMPC
222	1X-PCB-79	1.36e8	0.78	NO	1.0415	1.000	37.34	37.34	0.967	0.967	NO	95.48	95.5	0.0698	
223	1X-PCB-178	5.96e5	0.44	NO	1.0180	1.000	45.43	45.41	0.923	0.922	NO	103.1	103	0.0725	
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	152.2		0.0321	152.2
225	Total DL-PCBs				1.0367	1.000	0.00		0.000		NO	614.2		0.403	614.2
226	2nd Function TL-PCBs				0.9434	1.000	0.00		0.000		NO	437.8		0.0852	437.8
227	3rd Function TL-PCBs				0.8687	1.000	0.00		0.000		NO	836.5		0.010	836.5
228	Total Tetra-PCBs				0.8910	1.000	0.00		0.000		NO	2271		2.84	2271
229	Total Function Tetra-PCBs				1.1178	1.000	0.00		0.000		NO	9981		0.5916	9981

#	Name	Pred RT	RT	RRF	NO Resp	1* Ratio (Proc)	RA	nly	EMPC	Conc.
1	84 PCB-104	32.00	32.02	4.823e5	3.077e5	1.580	1.57	NO	51.113	51.113
2	85 PCB-94	33.29	33.30	4.680e5	2.996e5	1.560	1.56	NO	49.496	49.496
3	86 PCB-103	33.88	33.88	3.371e5	2.229e5	1.580	1.51	NO	46.204	46.204
4	87 PCB-100	34.23	34.23	3.096e5	2.299e5	1.560	1.57	NO	46.445	46.445
5	88 PCB-94	34.72	34.72	2.842e5	1.813e5	1.580	1.57	NO	80.176	80.176

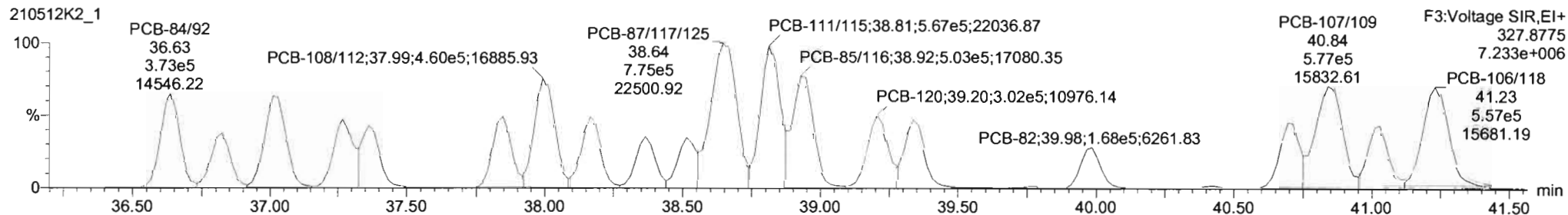
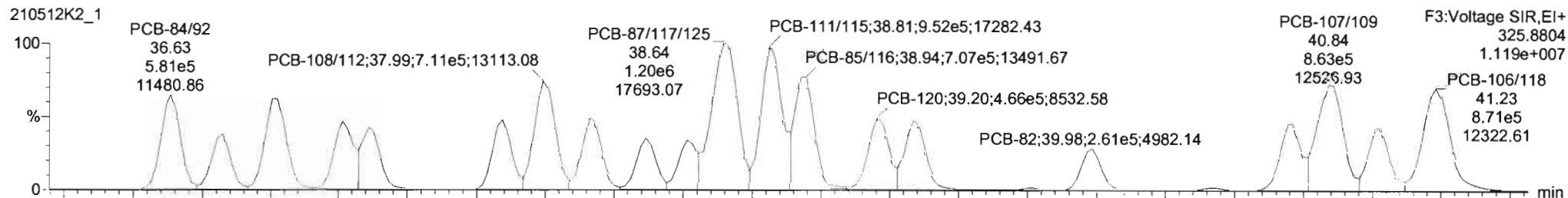


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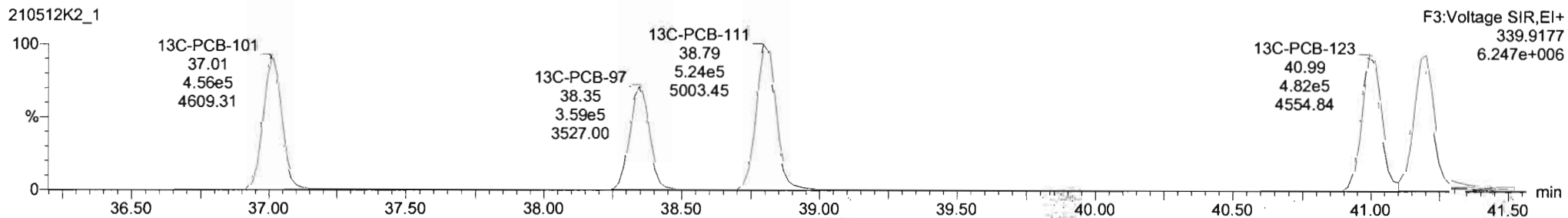
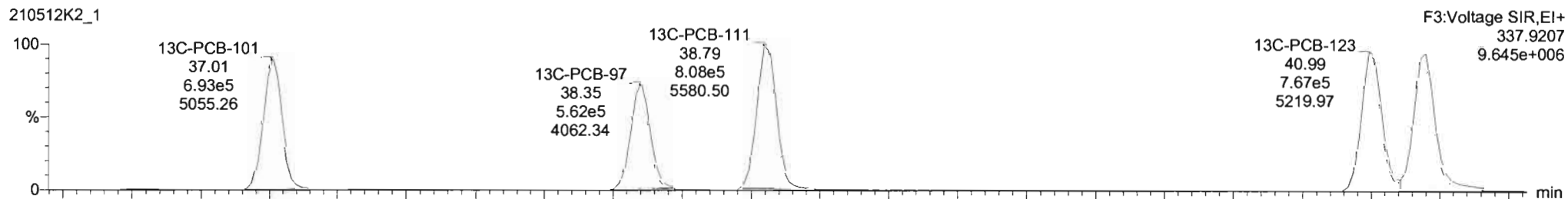
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Printed: Wednesday, May 12, 2021 3:32:12 PM Pacific Daylight Time

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PCB-119

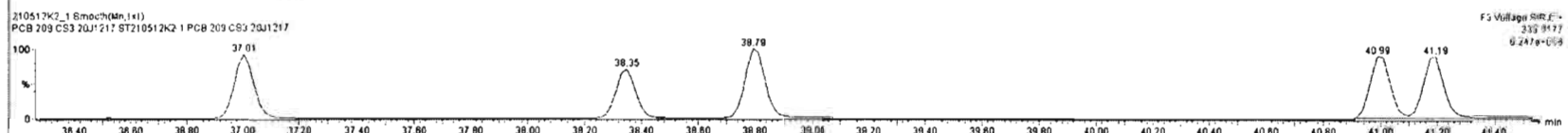
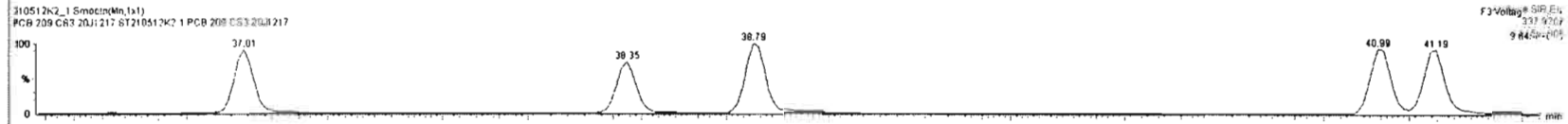
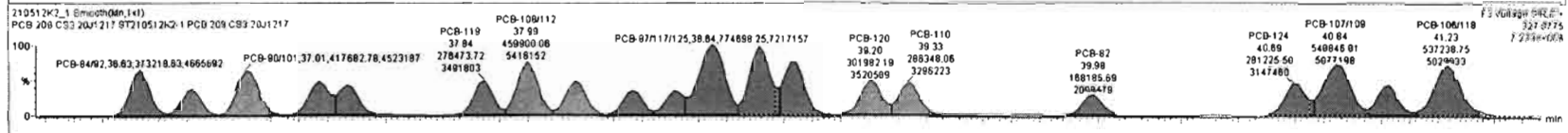
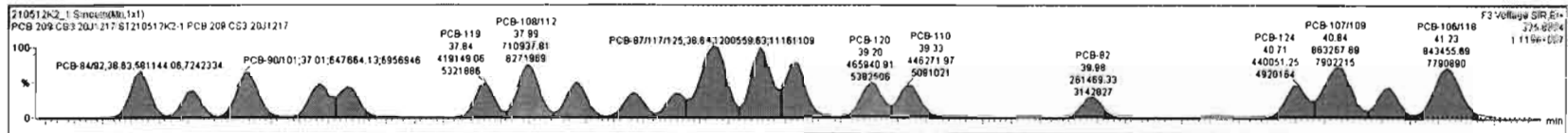


13C-PCB-111



#	Name	Resp	RA	n/y	RRF	wtAv	Pred.RT	RT	Pred.R.	RRT	RRT Fld	Conc	%Rec	DL	EMPC
222	13C-PCB-79	1.36e6	0.79	NO	1.0415	1.000	37.34	37.34	0.907	0.907	NO	95.46	95.5	0.0090	
223	13C-PCB-178	5.98e5	0.44	NO	1.0180	1.000	45.43	45.41	0.923	0.922	NO	103.1	103	0.0725	
224	Total Mono-PCBs				1.0034	1.000	0.00	0.000			NO	152.2		0.0021	152.2
225	Total Di-PCBs				1.0367	1.000	0.00	0.000			NO	614.2		0.403	614.2
226	2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000			NO	437.8		0.0652	437.8
227	3rd Function Tri-PCBs				0.9687	1.000	0.00	0.000			NO	836.5		0.810	836.5
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.000			NO	2271		2.84	2271
229	3rd Function Penta-PCBs				1.1111	1.000	0.00	0.000			NO	7634		8.374	7634

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	64 PCB-104	32.00	32.02	4.823e5	3.077e5	1.580	1.57	NO	51.113	51.113
2	66 PCB-96	33.29	33.30	4.660e5	2.996e5	1.560	1.56	NO	49.406	49.406
3	86 PCB-103	33.86	33.86	3.371e5	2.220e5	1.580	1.51	NO	46.204	46.204
4	87 PCB-100	34.23	34.23	3.586e5	2.369e5	1.580	1.57	NO	46.445	46.445
5	88 PCB-94	34.72	34.72	2.842e5	1.813e5	1.580	1.57	NO	50.178	50.178



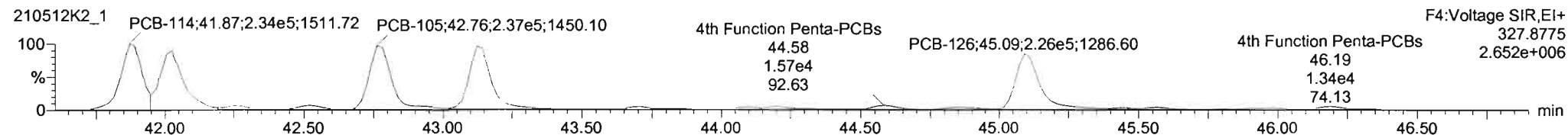
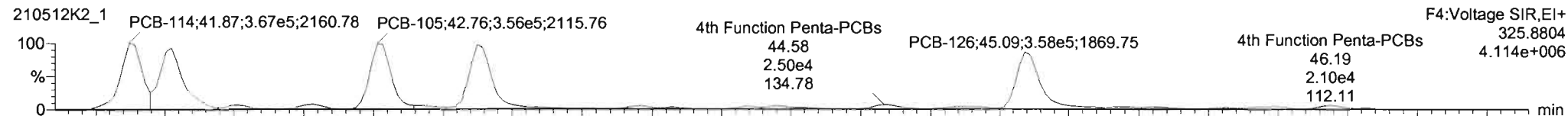
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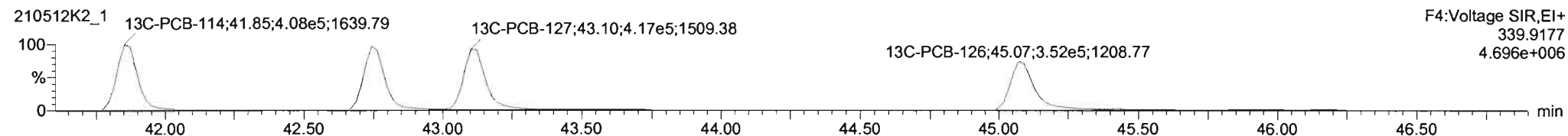
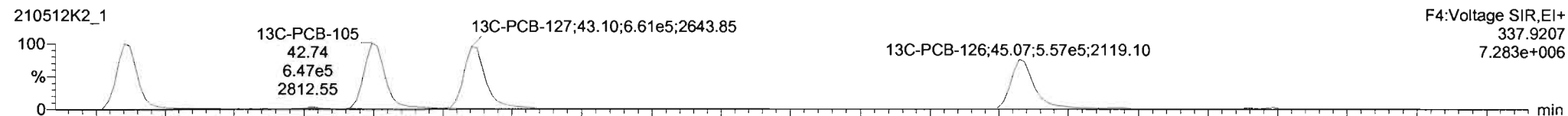
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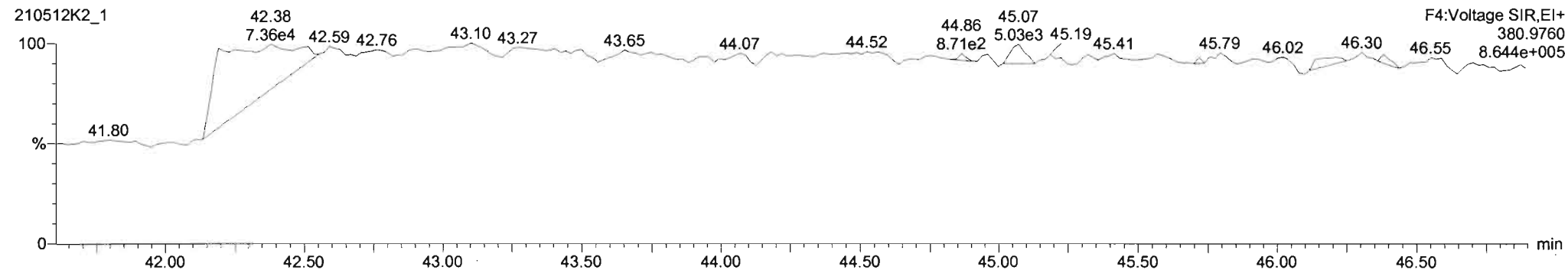
PCB-114



13C-PCB-114



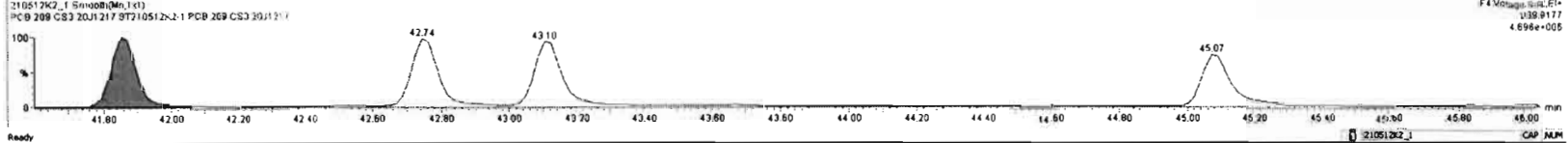
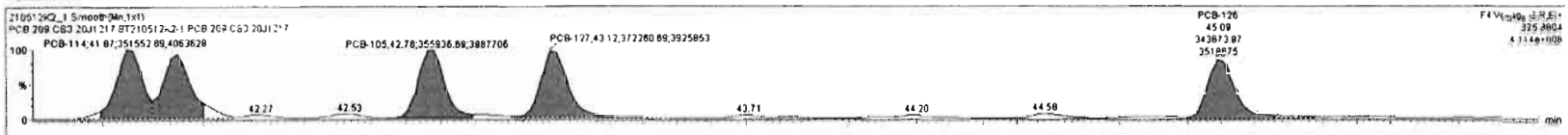
PFK4a



210512K2_1 - ST10512K2-1 PCB 209 CS3 20J1217 - PCB 209 CS3 20J1217

#	Name	Resp	RA	nly	RFI	wtAval	Pred.RT	RT	Pred.R	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00	0.000		NO		288.2		0.313	288.2
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000		NO		690.0		0.212	690.0
232	232 4th Function Hexa-PCBs				0.9456	1.000	0.00	0.000		NO		1534		0.915	1534
233	233 Total Hepta-PCBs				1.2043	1.000	0.00	0.000		NO		1240		0.916	1240
234	234 4th Function Octa-PCBs				0.8605	1.000	0.00	0.000		NO		458.3		0.117	458.3
235	235 5th Function Octa-PCBs				1.2957	1.000	0.00	0.000		NO		168.6		0.0765	168.6
236	236 Total Nona-PCBs				0.8871	1.000	0.00	0.000		NO		166.0		0.2842	166.0
237	237 Deca-PCBs				0.8879	1.000	0.00	0.000		NO		53.63		0.00756	53.63

#	Name	Pred.RT	RT	Int Resp	Int Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	80 PCB-114	41.87	41.87	3.516e5	2.240e5	1.560	1.57	NO	50.823	50.823
2	84 PCB-122	42.02	42.02	3.415e5	2.136e5	1.560	1.60	NO	57.183	57.183
3	86 PCB-105	42.76	42.76	3.559e5	2.264e5	1.550	1.57	NO	53.463	53.463
4	86 PCB-127	43.12	43.12	3.723e5	2.338e5	1.560	1.59	NO	53.206	53.206
5	87 PCB-128	45.08	45.08	3.437e5	2.150e5	1.560	1.60	NO	53.411	53.411



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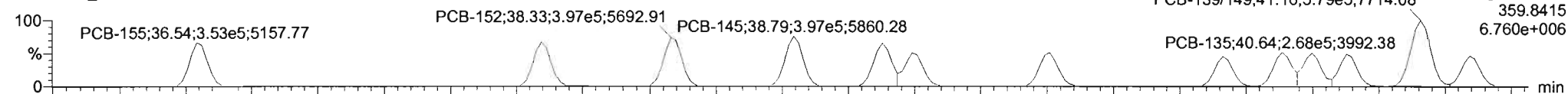
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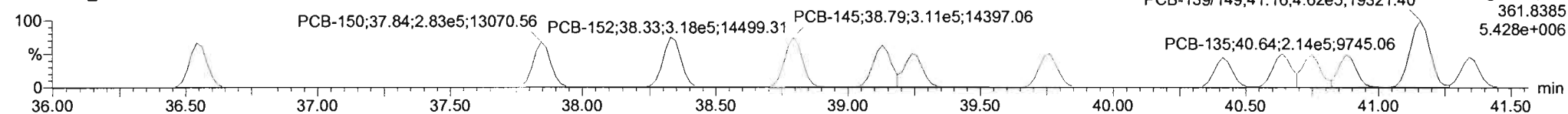
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PCB-155

210512K2_1

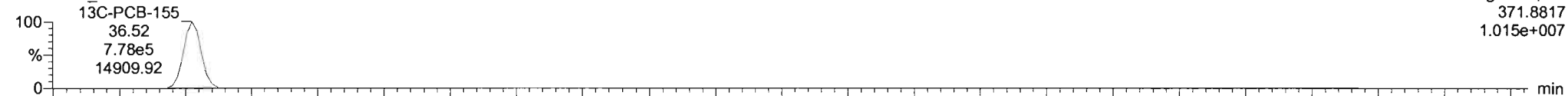


210512K2_1

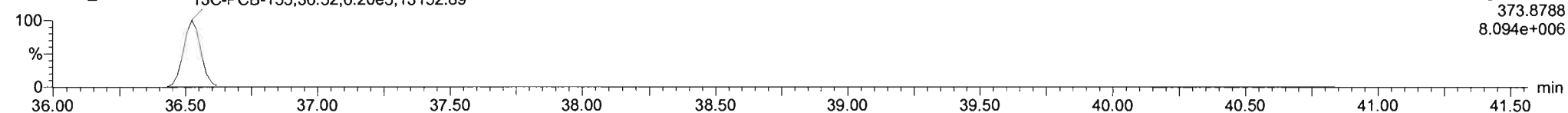


13C-PCB-155

210512K2_1

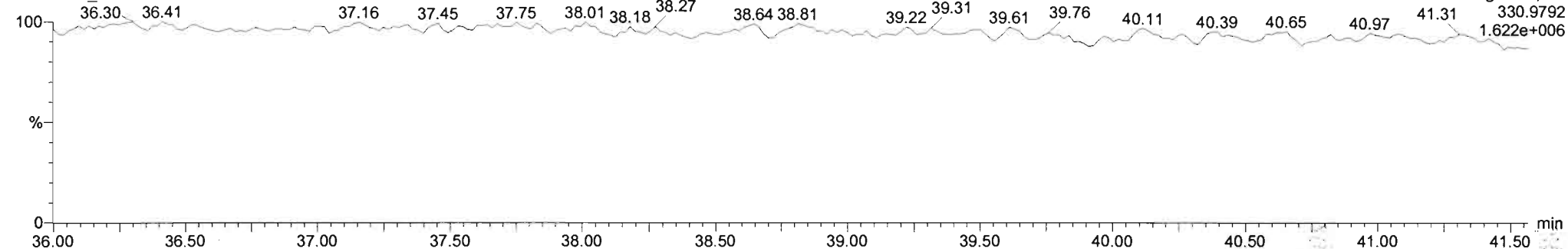


210512K2_1



PFK3c

210512K2_1



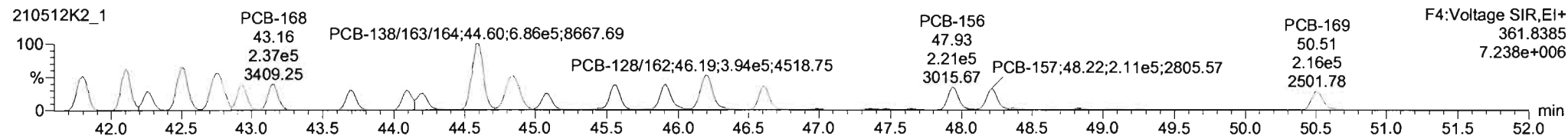
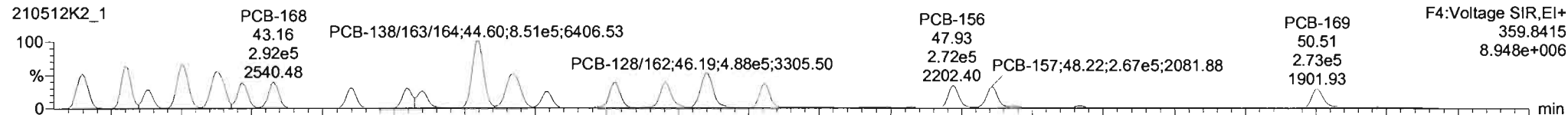
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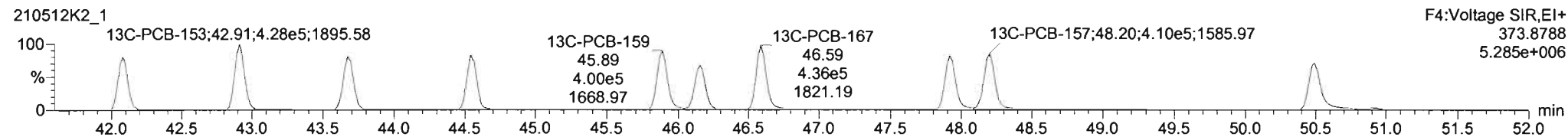
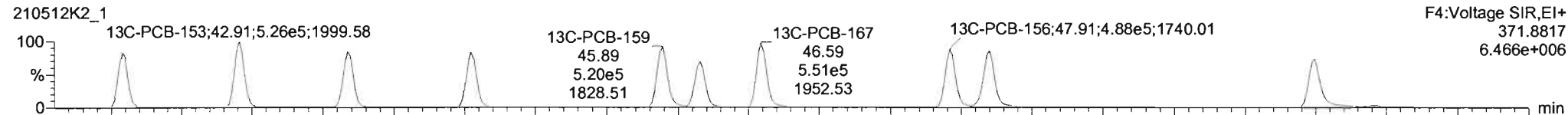
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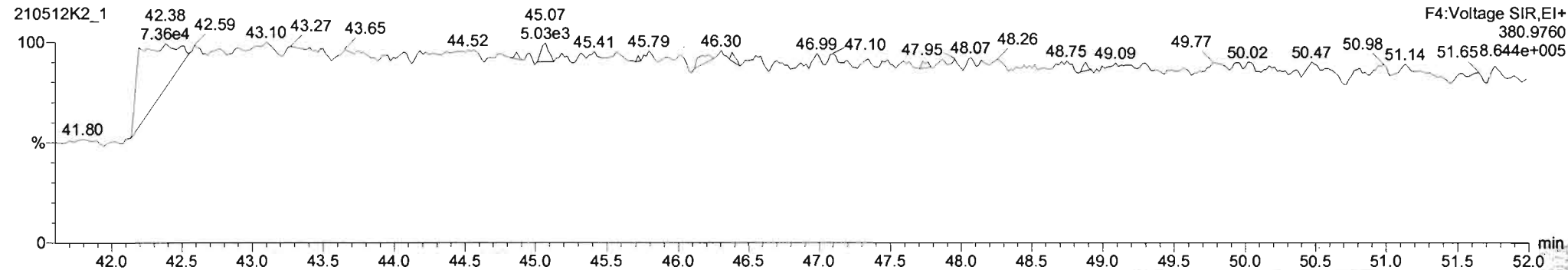
PCB-134/143



13C-PCB-153

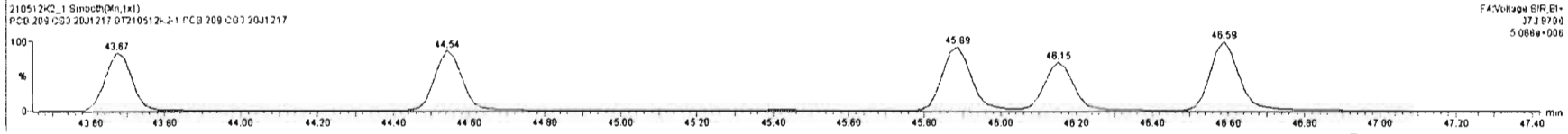
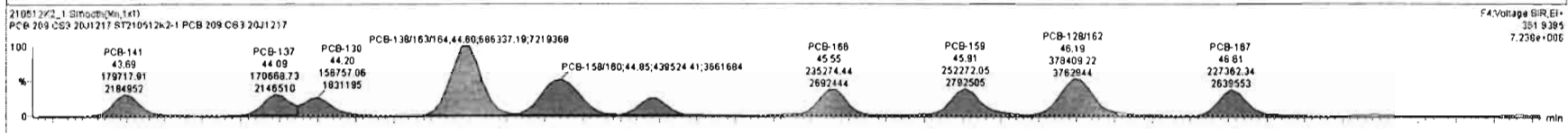
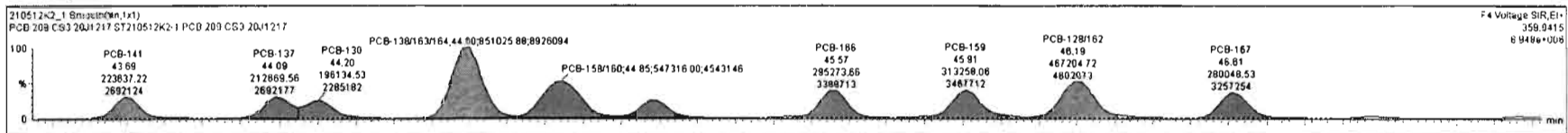


PFK4b



#	Name	Resp	RA	nly	RRF	ntVal	PredRT	RT	Pred R	RR1	RR1 Fail	Conc	%Rec	DL	EMPC
230	4th Function Para-PCBs				1.0512	1.000	0.00	0.000	0.000	NO		208.2	0.313	208.2	
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000	NO		690.0	0.212	690.0	
232	4th Function Hexa-PCBs				0.9455	1.000	0.00	0.000	0.000	NO		1534	0.915	1534	
233	Total Hepta-PCBs				1.2043	1.000	0.00	0.000	0.000	NO		1240	0.816	1240	
234	4th Function Octa-PCBs				0.8605	1.000	0.00	0.000	0.000	NO		458.3	0.117	458.3	
235	5th Function Octa-PCBs				1.0957	1.000	0.00	0.000	0.000	NO		168.6	0.0765	168.6	
236	Total Nona-PCBs				0.8671	1.000	0.00	0.000	0.000	NO		166.0	0.0942	166.0	
237	Total PCB				0.8627	1.000	0.00	0.000	0.000	NO		454.9	0.0756	454.9	

#	Name	Pred RT	RT	nt Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	111 PCB-134/143	41.80	41.80	4.267e5	3.466e5	1.240	1.24	NO	113.33	113.33
2	112 PCB-131/133	42.12	42.10	4.566e5	3.872e5	1.240	1.24	NO	112.43	112.43
3	113 PCB-142	42.28	42.25	2.074e5	1.677e5	1.240	1.24	NO	57.196	57.196
4	114 PCB-146/185	42.52	42.50	5.457e5	4.410e5	1.240	1.24	NO	109.58	109.58
5	115 PCB-132/161	42.76	42.76	5.496e5	4.459e5	1.240	1.23	NO	108.96	108.96



Dataset: Untitled

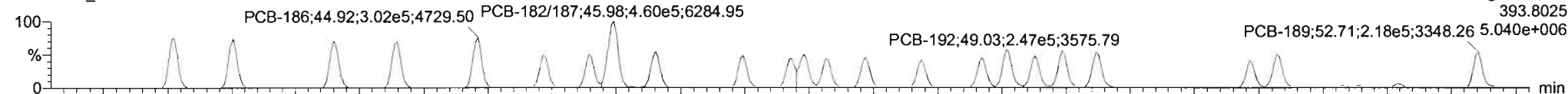
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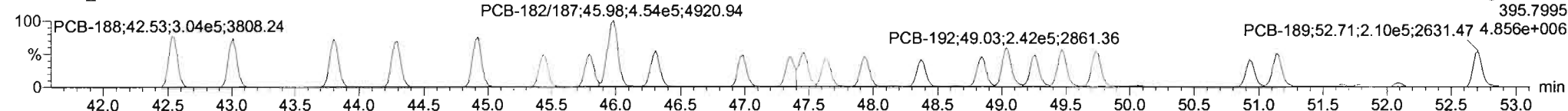
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PCB-188

210512K2_1

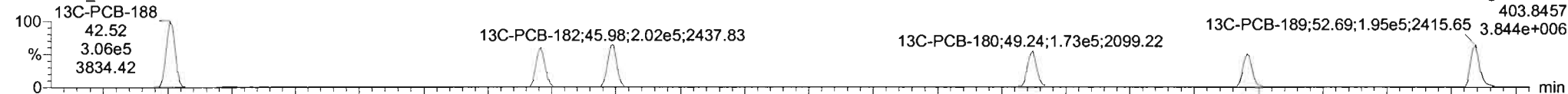


210512K2_1

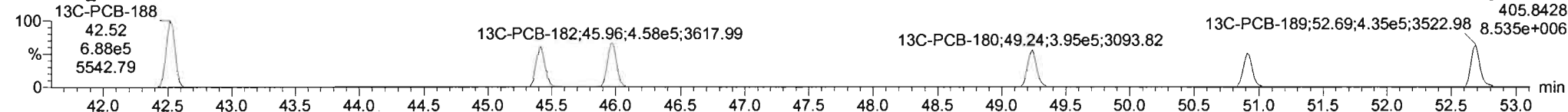


13C-PCB-188

210512K2_1

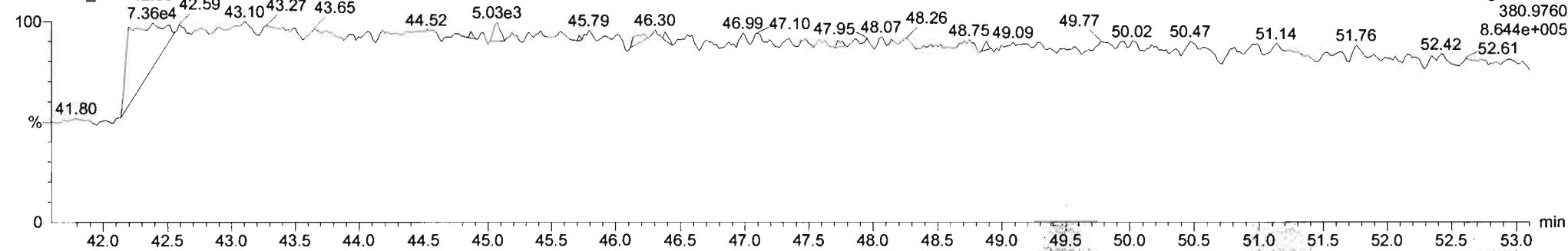


210512K2_1



PFK4c

210512K2_1



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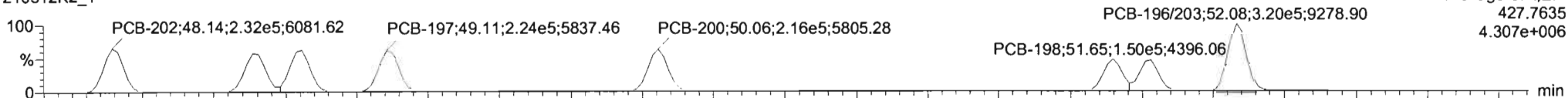
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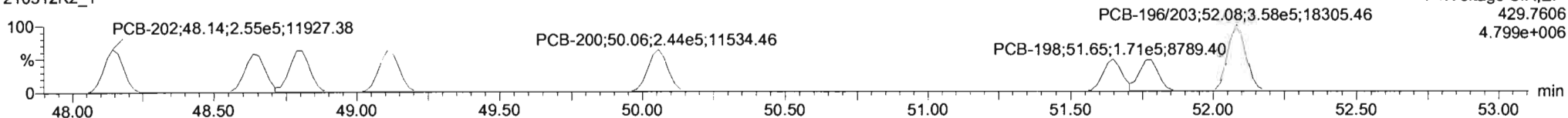
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PCB-202

210512K2_1

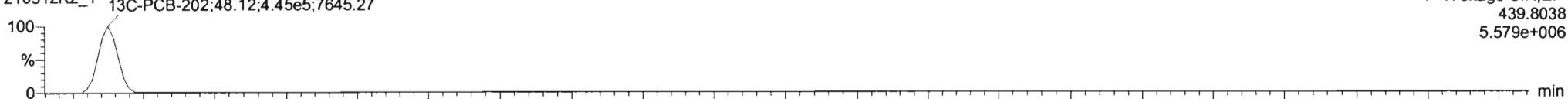


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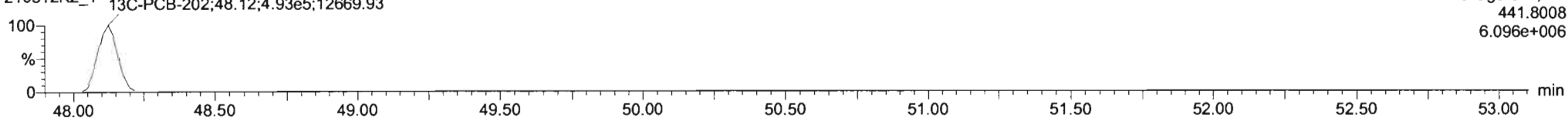


13C-PCB-202

210512K2_1

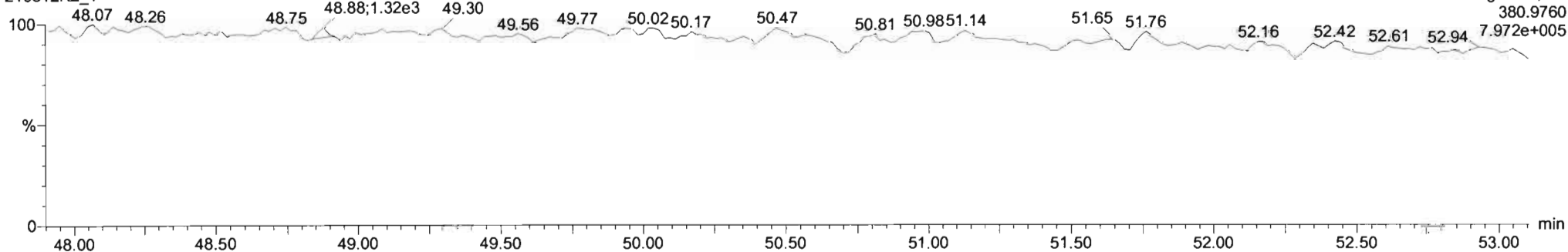


210512K2_1



PFK4d

210512K2_1



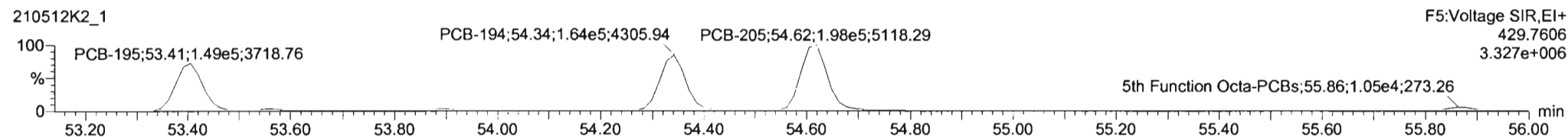
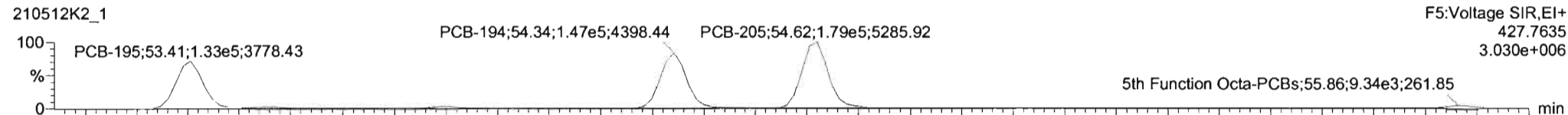
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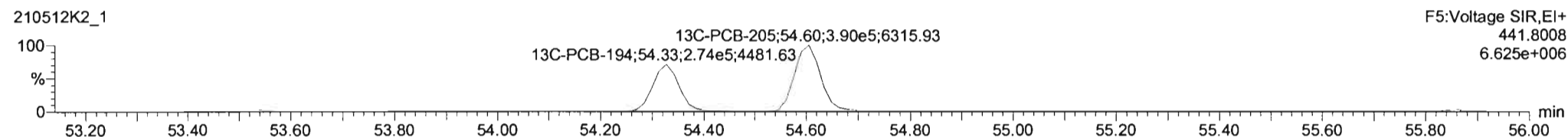
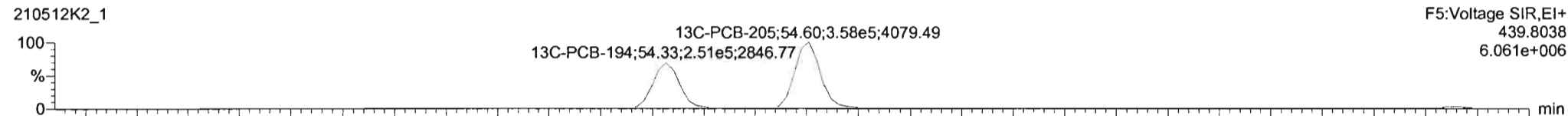
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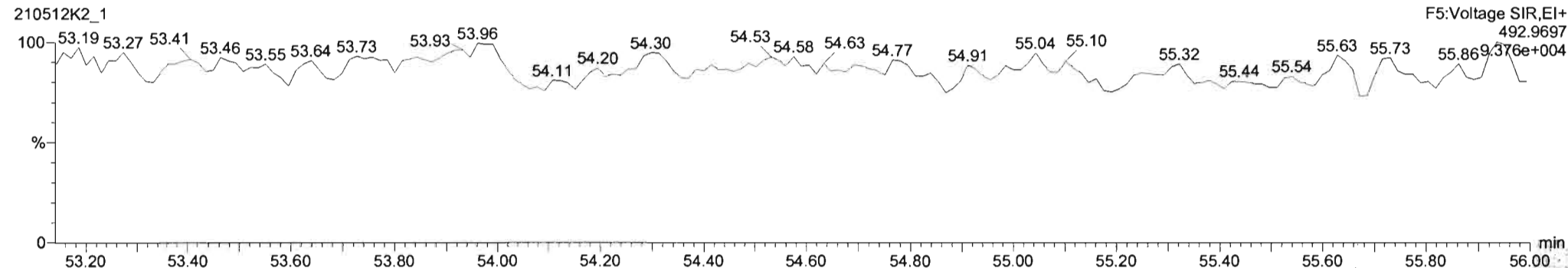
PCB-195



13C-PCB-194



PFK5a

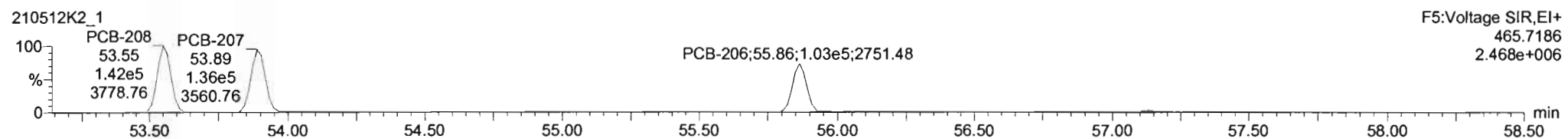
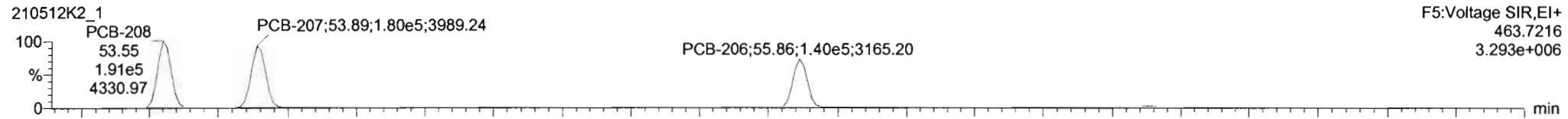


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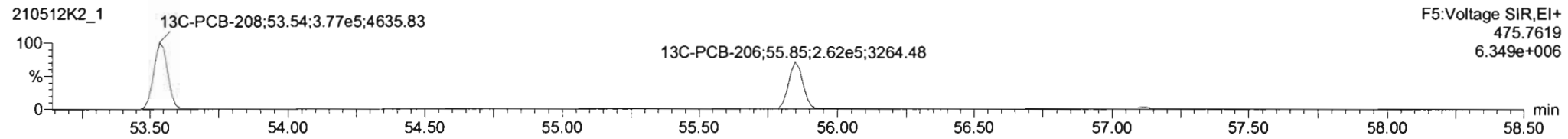
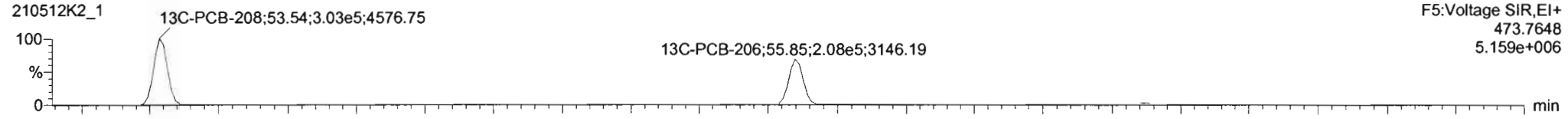
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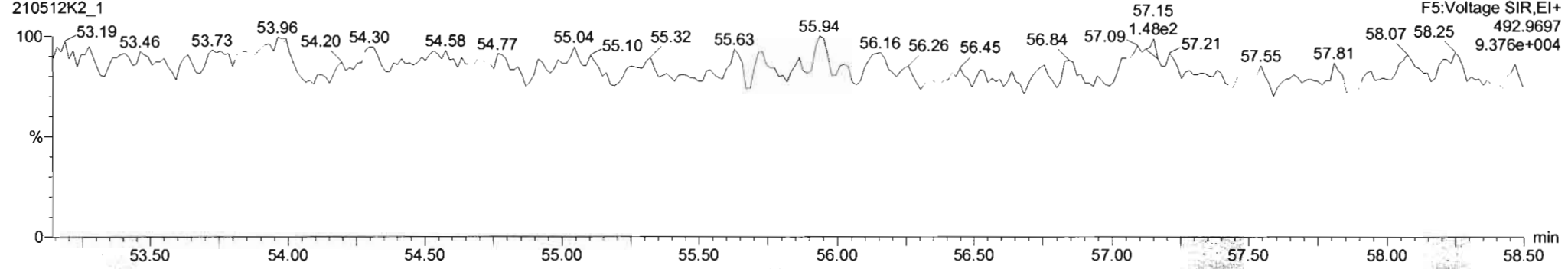
PCB-208



13C-PCB-208



PFK5



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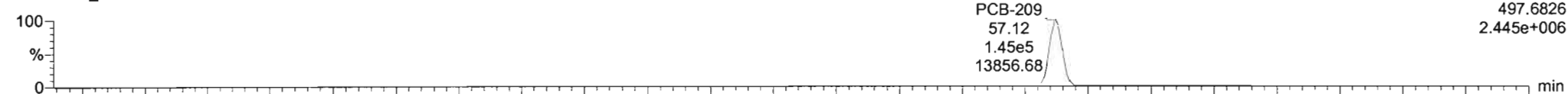
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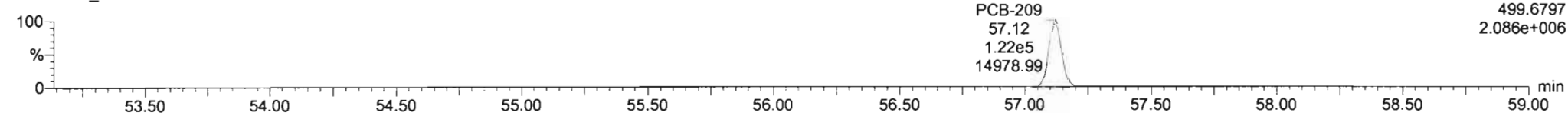
PCB-209

210512K2_1



F5:Voltage SIR,EI+
497.6826
2.445e+006

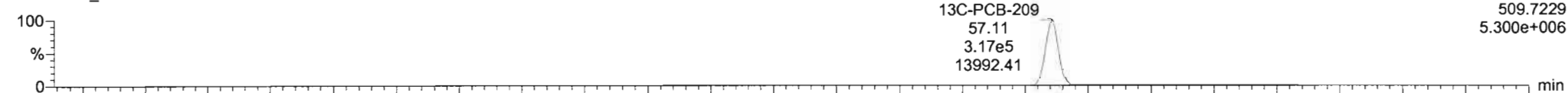
210512K2_1



F5:Voltage SIR,EI+
499.6797
2.086e+006

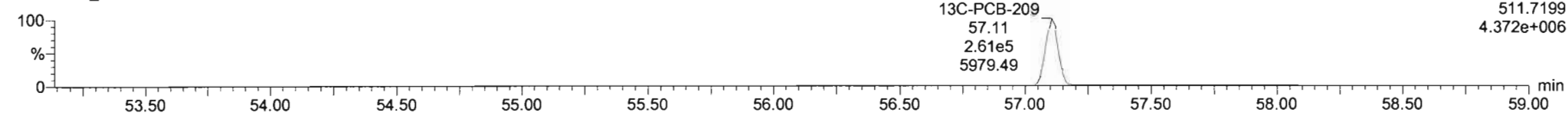
13C-PCB-209

210512K2_1



F5:Voltage SIR,EI+
509.7229
5.300e+006

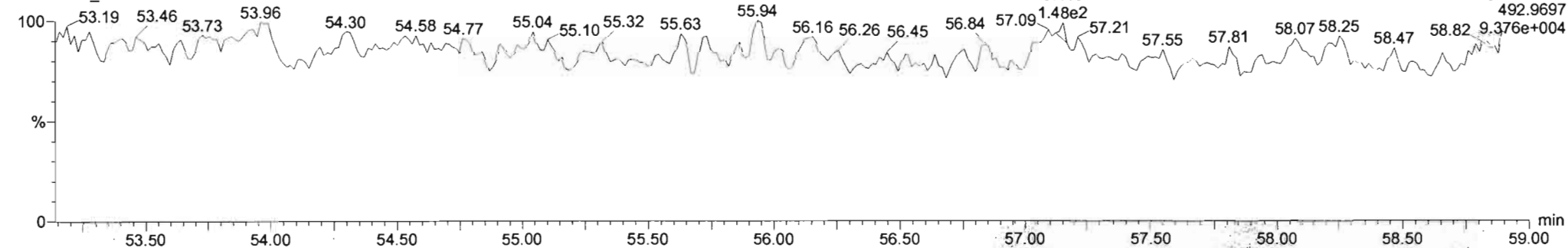
210512K2_1



F5:Voltage SIR,EI+
511.7199
4.372e+006

PFK5b

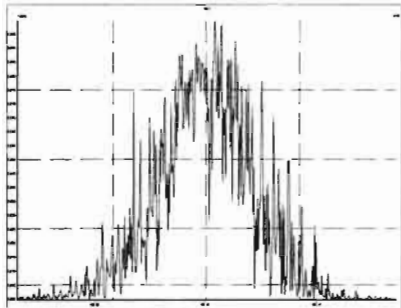
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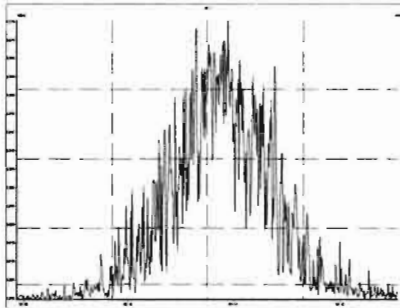
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9.376e+004

Printed: Thursday, May 13, 2021 00:11:35 Pacific Daylight Time

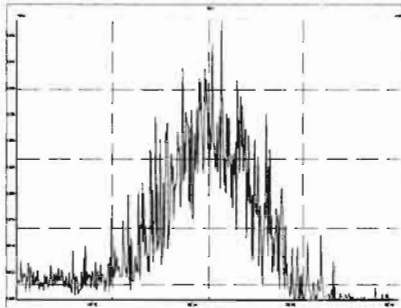
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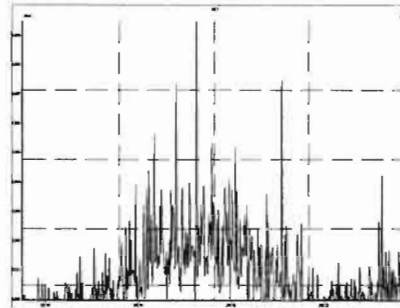
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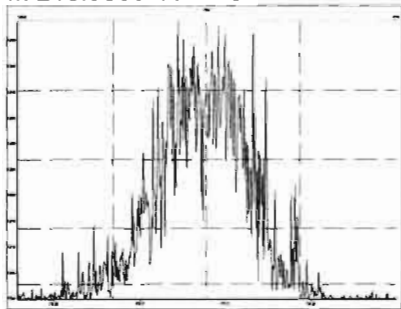
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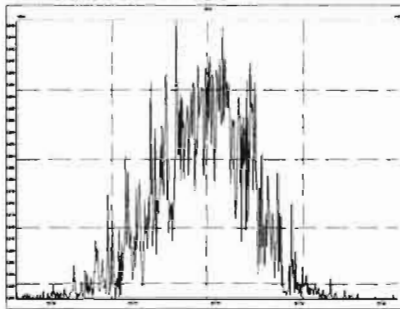
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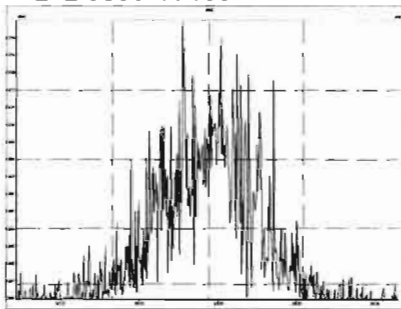
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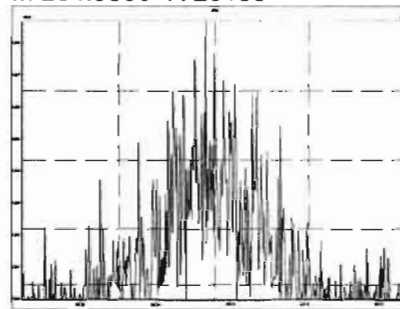
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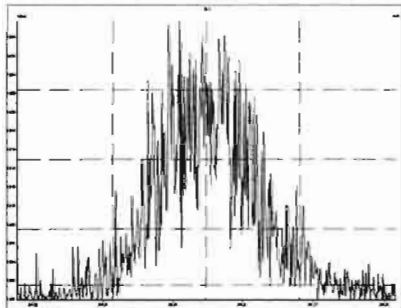
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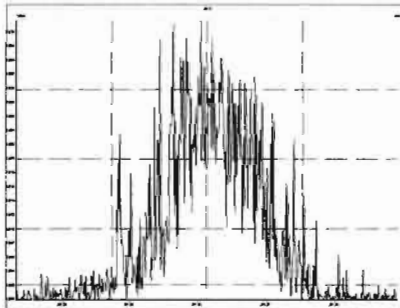
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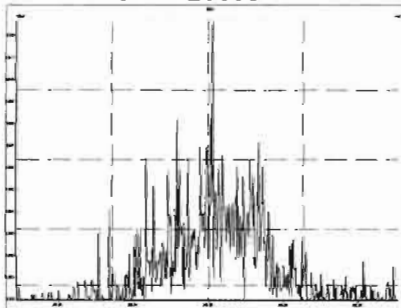
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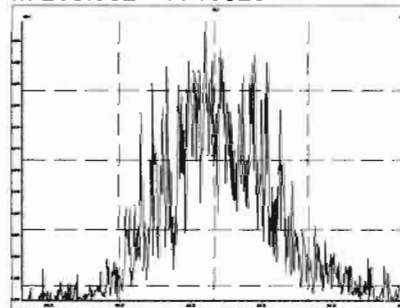
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M 254.9856 R 26598

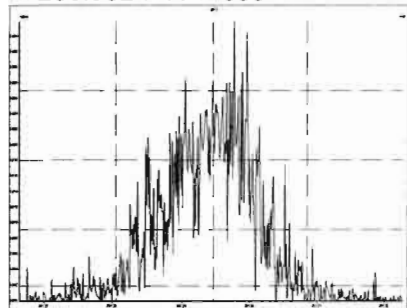


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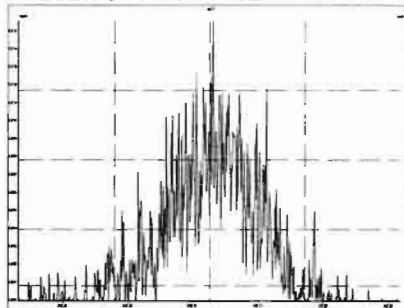


Printed: Thursday, May 13, 2021 00:11:35 Pacific Daylight Time

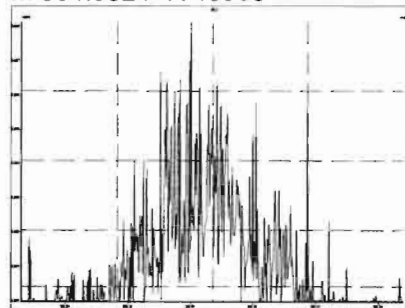
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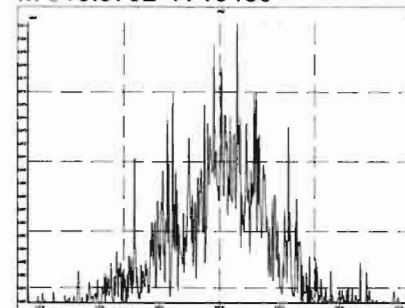
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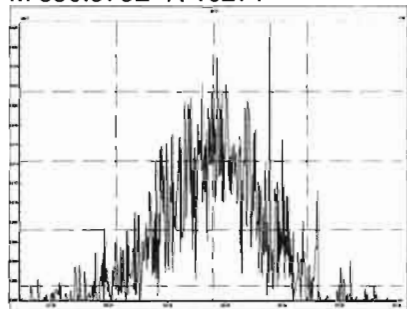
M 304.9824 R 43955



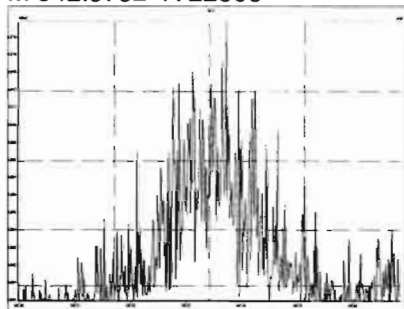
M 318.9792 R 15480



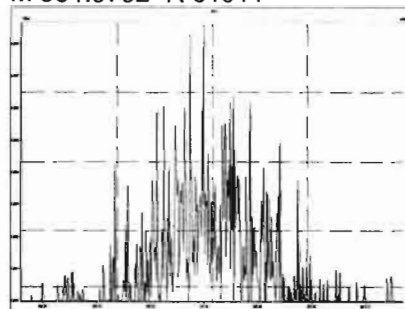
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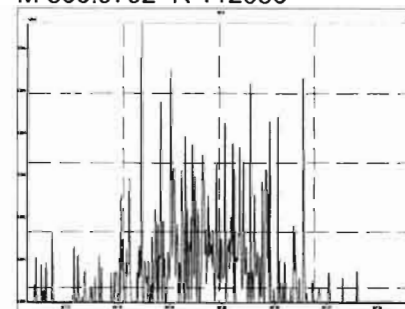
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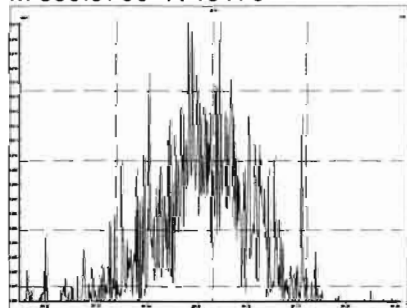
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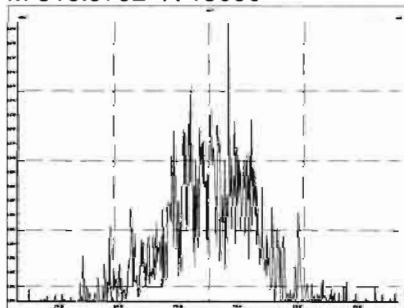
M 366.9792 R 112086



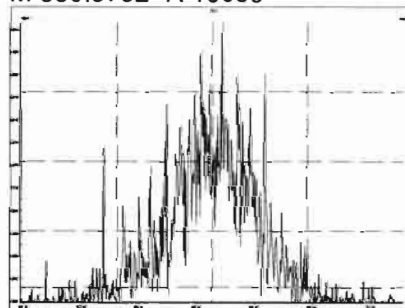
M 380.9760 R 19175



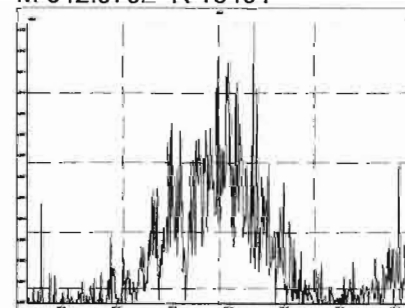
M 318.9792 R 13680



M 330.9792 R 16639

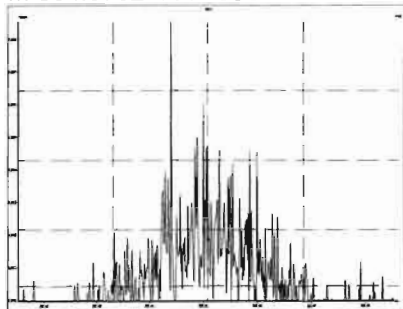


M 342.9792 R 18491

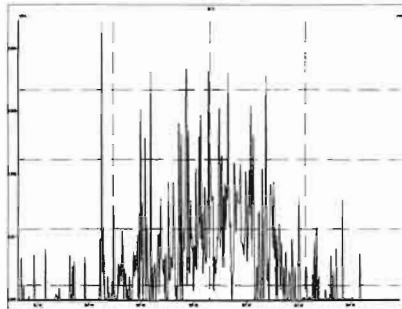


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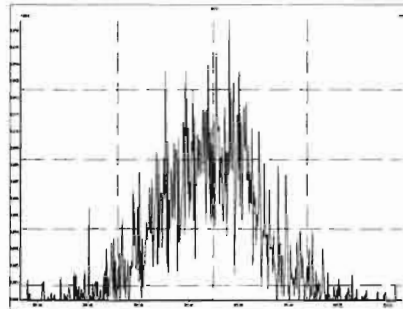
M 354.9792 R 71806



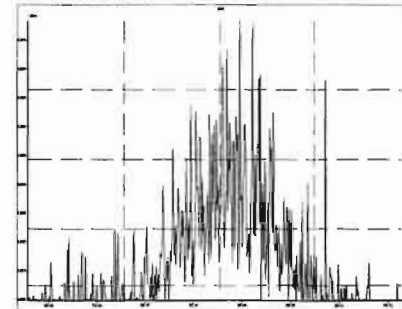
M 366.9792 R 66137



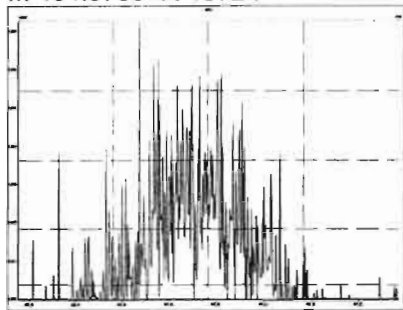
M 380.9760 R 14084



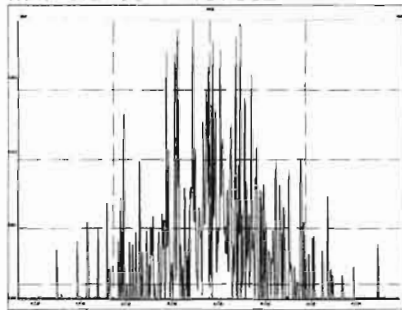
M 392.9760 R 24461



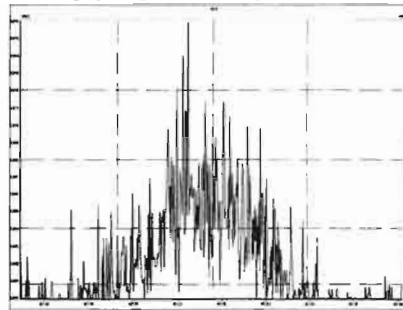
M 404.9760 R 48724



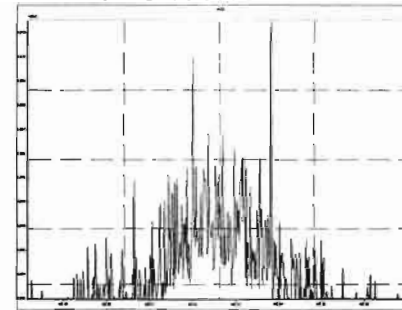
M 416.9760 R 137362



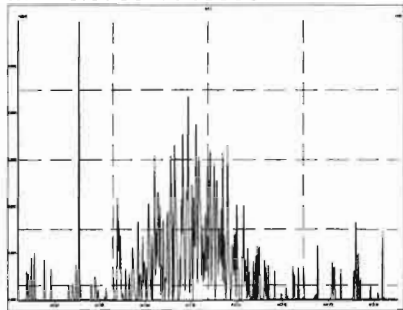
M 430.9728 R 20478



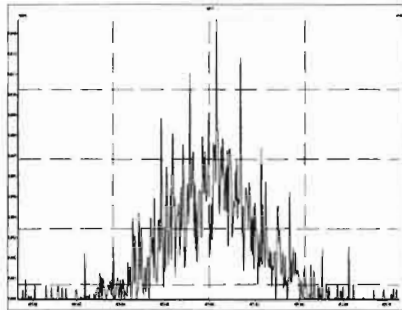
M 442.9728 R 19705



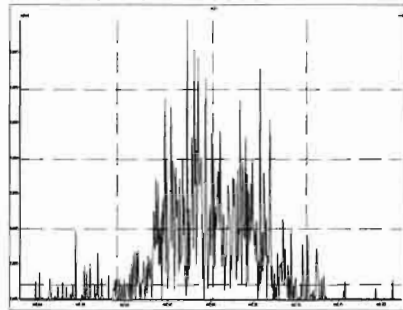
M 416.9760 R 138887



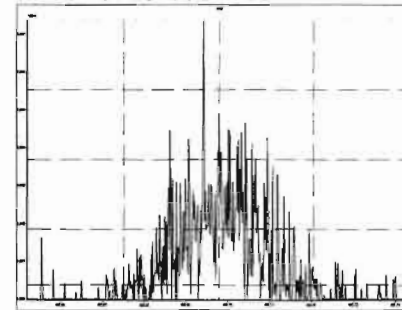
M 430.9728 R 14690



M 442.9728 R 30903

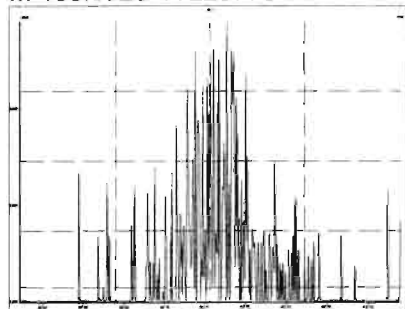


M 454.9728 R 31163

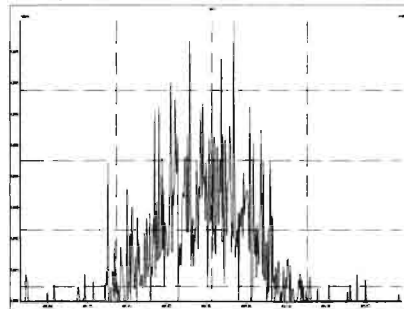


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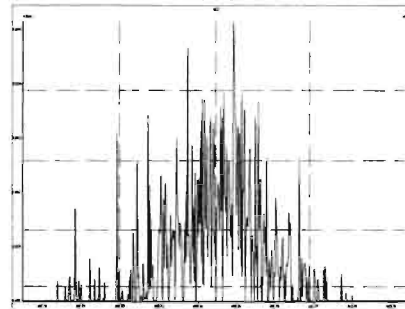
M 466.9728 R 229779



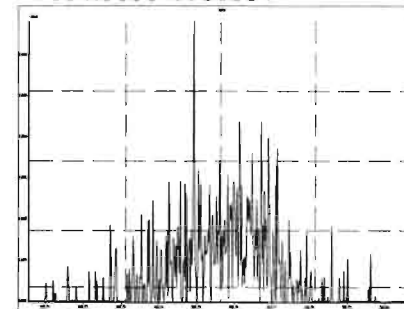
M 480.9696 R 31254



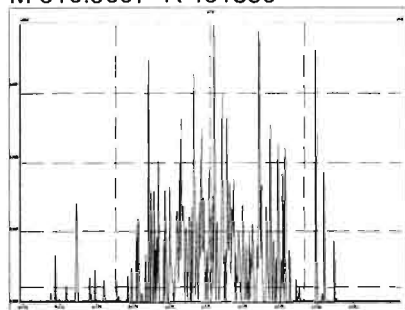
M 492.9696 R 14044



M 504.9696 R 36654



M 516.9697 R 451389



INITIAL CALIBRATION

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time

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HN 04/15/21
DF 04/15/21

Method: U:\VG12.PRO\MethDB\1613rrt-04-06-21.mdb 06 Apr 2021 08:35:23

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Compound name: 2,3,7,8-TCDD

Response Factor: 0.92906

RRF SD: 0.0829232, Relative SD: 8.9255

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	210414R1_1	0.250	0.69	NO	26.94	1.001	2.81e3	1.31e6	0.231	-7.8	0.857	MM
2	210414R1_2	0.500	0.82	NO	26.96	1.001	6.87e3	1.46e6	0.507	1.4	0.942	MM
3	210414R1_3	2.00	0.76	NO	26.94	1.001	2.40e4	1.48e6	1.75	-12.6	0.812	bb
4	210414R1_4	40.0	0.77	NO	26.93	1.001	6.51e5	1.59e6	43.9	9.8	1.02	bb
5	210414R1_5	300	0.77	NO	26.94	1.001	4.47e6	1.47e6	327	8.9	1.01	bb
6	210414R1_6	10.0	0.78	NO	26.94	1.000	1.54e5	1.66e6	10.0	0.2	0.931	bb

Compound name: 1,2,3,7,8-PeCDD

Response Factor: 0.825708

RRF SD: 0.0482142, Relative SD: 5.83913

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	210414R1_1	1.25	0.68	NO	31.27	1.001	1.03e4	1.03e6	1.22	-2.7	0.804	bb
2	210414R1_2	2.50	0.60	NO	31.27	1.000	2.37e4	1.16e6	2.48	-0.9	0.818	bb
3	210414R1_3	10.0	0.63	NO	31.27	1.000	8.36e4	1.11e6	9.09	-9.1	0.750	bb
4	210414R1_4	200	0.62	NO	31.26	1.000	2.19e6	1.24e6	215	7.4	0.887	bb
5	210414R1_5	1500	0.62	NO	31.27	1.000	1.58e7	1.22e6	1570	5.0	0.867	bb
6	210414R1_6	50.0	0.61	NO	31.27	1.000	5.16e5	1.25e6	50.1	0.3	0.828	bb

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time

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Compound name: 1,2,3,4,7,8-HxCDD

Response Factor: 0.972464

RRF SD: 0.0862714, Relative SD: 8.87143

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	210414R1_1	1.25	1.23	NO	34.61	1.001	7.39e3	6.55e5	1.16	-7.2	0.903	bd
2	210414R1_2	2.50	1.23	NO	34.62	1.000	1.65e4	7.11e5	2.38	-4.7	0.927	bd
3	210414R1_3	10.0	1.24	NO	34.62	1.001	6.42e4	7.40e5	8.92	-10.8	0.867	bd
4	210414R1_4	200	1.23	NO	34.61	1.001	1.78e6	8.23e5	223	11.4	1.08	bd
5	210414R1_5	1500	1.23	NO	34.62	1.001	1.34e7	8.49e5	1620	7.9	1.05	bd
6	210414R1_6	50.0	1.24	NO	34.62	1.000	4.13e5	8.23e5	51.7	3.3	1.00	bd

Compound name: 1,2,3,6,7,8-HxCDD

Response Factor: 0.877085

RRF SD: 0.0559574, Relative SD: 6.37993

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	210414R1_1	1.25	1.13	NO	34.73	1.000	8.05e3	7.49e5	1.23	-2.0	0.860	MM
2	210414R1_2	2.50	1.24	NO	34.76	1.001	1.71e4	8.03e5	2.42	-3.0	0.850	db
3	210414R1_3	10.0	1.23	NO	34.74	1.000	6.53e4	8.25e5	9.02	-9.8	0.791	db
4	210414R1_4	200	1.23	NO	34.73	1.000	1.79e6	9.47e5	216	8.0	0.947	db
5	210414R1_5	1500	1.23	NO	34.74	1.000	1.34e7	9.70e5	1580	5.2	0.923	db
6	210414R1_6	50.0	1.24	NO	34.76	1.001	4.13e5	9.27e5	50.8	1.7	0.892	db

Compound name: 1,2,3,7,8,9-HxCDD

Response Factor: 0.873924

RRF SD: 0.0774391, Relative SD: 8.86108

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	210414R1_1	1.25	1.22	NO	35.03	1.000	7.66e3	7.49e5	1.17	-6.5	0.818	MM
2	210414R1_2	2.50	1.29	NO	35.04	1.000	1.84e4	8.90e5	2.37	-5.3	0.828	bb

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time

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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	210414R1_3	10.0	1.28	NO	35.04	1.000	6.56e4	8.45e5	8.89	-11.1	0.777	bb
4	210414R1_4	200	1.23	NO	35.03	1.001	1.84e6	9.50e5	222	11.1	0.971	bb
5	210414R1_5	1500	1.21	NO	35.04	1.001	1.39e7	9.79e5	1620	8.0	0.943	bb
6	210414R1_6	50.0	1.24	NO	35.05	1.001	4.26e5	9.39e5	51.9	3.8	0.907	bb

Compound name: 1,2,3,4,6,7,8-HpCDD

Response Factor: 0.898742

RRF SD: 0.0677039, Relative SD: 7.53319

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	210414R1_1	1.25	1.02	NO	38.31	1.001	6.55e3	6.08e5	1.20	-4.2	0.861	MM
2	210414R1_2	2.50	1.02	NO	38.32	1.001	1.72e4	7.70e5	2.48	-0.8	0.891	bb
3	210414R1_3	10.0	1.00	NO	38.31	1.000	4.86e4	6.13e5	8.82	-11.8	0.793	bb
4	210414R1_4	200	1.02	NO	38.29	1.000	1.34e6	6.81e5	218	9.2	0.981	bb
5	210414R1_5	1500	1.02	NO	38.31	1.000	1.03e7	7.20e5	1600	6.5	0.957	bb
6	210414R1_6	50.0	1.02	NO	38.31	1.000	3.16e5	6.96e5	50.6	1.1	0.909	bb

Compound name: OCDD

Response Factor: 0.852404

RRF SD: 0.0637924, Relative SD: 7.48382

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	210414R1_1	2.50	0.86	NO	41.31	1.000	1.11e4	1.09e6	2.38	-4.9	0.811	bb
2	210414R1_2	5.00	0.88	NO	41.33	1.000	2.60e4	1.27e6	4.79	-4.2	0.816	bb
3	210414R1_3	20.0	0.88	NO	41.33	1.000	7.75e4	1.01e6	18.0	-10.0	0.767	MM
4	210414R1_4	400	0.88	NO	41.31	1.000	2.13e6	1.15e6	436	9.1	0.930	bb
5	210414R1_5	3000	0.88	NO	41.32	1.000	1.66e7	1.21e6	3200	6.7	0.909	bb
6	210414R1_6	100	0.88	NO	41.33	1.000	5.13e5	1.16e6	103	3.4	0.881	bb

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

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Compound name: 2,3,7,8-TCDF

Response Factor: 0.746581
 RRF SD: 0.0693432, Relative SD: 9.2881
 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	210414R1_1	0.250	0.79	NO	26.35	1.001	3.87e3	2.17e6	0.239	-4.3	0.715	MM
2	210414R1_2	0.500	0.71	NO	26.35	1.001	7.34e3	2.13e6	0.461	-7.9	0.688	MM
3	210414R1_3	2.00	0.79	NO	26.35	1.001	2.64e4	2.00e6	1.77	-11.5	0.661	bb
4	210414R1_4	40.0	0.75	NO	26.34	1.001	7.03e5	2.14e6	44.0	10.0	0.821	bb
5	210414R1_5	300	0.76	NO	26.34	1.001	4.78e6	1.93e6	331	10.4	0.824	bb
6	210414R1_6	10.0	0.74	NO	26.34	1.001	1.75e5	2.27e6	10.3	3.2	0.771	db

Compound name: 1,2,3,7,8-PeCDF

Response Factor: 0.877118
 RRF SD: 0.0717768, Relative SD: 8.18326
 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	210414R1_1	1.25	1.52	NO	30.10	1.000	1.34e4	1.36e6	1.13	-9.9	0.790	bb
2	210414R1_2	2.50	1.55	NO	30.11	1.000	3.37e4	1.58e6	2.44	-2.6	0.855	MM
3	210414R1_3	10.0	1.62	NO	30.11	1.000	1.20e5	1.49e6	9.20	-8.0	0.807	bb
4	210414R1_4	200	1.54	NO	30.10	1.000	3.16e6	1.64e6	220	10.2	0.967	bb
5	210414R1_5	1500	1.56	NO	30.10	1.000	2.26e7	1.60e6	1610	7.2	0.940	bb
6	210414R1_6	50.0	1.56	NO	30.11	1.000	7.73e5	1.71e6	51.5	3.0	0.904	bb

Compound name: 2,3,4,7,8-PeCDF

Response Factor: 0.962056
 RRF SD: 0.0674767, Relative SD: 7.0138
 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	210414R1_1	1.25	1.48	NO	31.09	1.000	1.69e4	1.46e6	1.20	-3.8	0.926	MM
2	210414R1_2	2.50	1.58	NO	31.11	1.000	3.69e4	1.61e6	2.38	-4.7	0.917	bd

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time
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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	210414R1_3	10.0	1.52	NO	31.11	1.000	1.29e5	1.48e6	9.10	-9.0	0.876	bb
4	210414R1_4	200	1.55	NO	31.09	1.000	3.30e6	1.58e6	218	8.8	1.05	bb
5	210414R1_5	1500	1.54	NO	31.09	1.000	2.35e7	1.52e6	1600	6.9	1.03	bb
6	210414R1_6	50.0	1.54	NO	31.11	1.000	8.04e5	1.64e6	50.8	1.7	0.978	bb

Compound name: 1,2,3,4,7,8-HxCDF

Response Factor: 0.92023

RRF SD: 0.0757729, Relative SD: 8.23412

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	210414R1_1	1.25	1.17	NO	33.67	1.000	1.13e4	1.06e6	1.16	-7.6	0.850	bd
2	210414R1_2	2.50	1.18	NO	33.69	1.001	2.33e4	1.06e6	2.38	-4.7	0.877	bd
3	210414R1_3	10.0	1.23	NO	33.69	1.001	7.99e4	9.58e5	9.06	-9.4	0.834	bd
4	210414R1_4	200	1.22	NO	33.67	1.000	2.12e6	1.05e6	219	9.6	1.01	bd
5	210414R1_5	1500	1.22	NO	33.68	1.000	1.52e7	1.02e6	1620	7.8	0.992	bd
6	210414R1_6	50.0	1.22	NO	33.69	1.000	5.12e5	1.07e6	52.2	4.3	0.960	bd

Compound name: 1,2,3,6,7,8-HxCDF

Response Factor: 0.936295

RRF SD: 0.0726577, Relative SD: 7.76013

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	210414R1_1	1.25	1.25	NO	33.81	1.001	1.19e4	1.11e6	1.15	-8.2	0.859	db
2	210414R1_2	2.50	1.21	NO	33.82	1.000	2.49e4	1.10e6	2.41	-3.5	0.904	db
3	210414R1_3	10.0	1.22	NO	33.82	1.000	8.72e4	1.01e6	9.21	-7.9	0.862	db
4	210414R1_4	200	1.22	NO	33.81	1.000	2.31e6	1.12e6	220	10.2	1.03	db
5	210414R1_5	1500	1.21	NO	33.82	1.000	1.70e7	1.13e6	1610	7.1	1.00	db
6	210414R1_6	50.0	1.21	NO	33.83	1.001	5.45e5	1.14e6	51.2	2.3	0.958	db

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

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Compound name: 2,3,4,6,7,8-HxCDF

Response Factor: 0.972549
 RRF SD: 0.0818215, Relative SD: 8.4131
 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	210414R1_1	1.25	1.22	NO	34.50	1.001	9.59e3	8.62e5	1.14	-8.5	0.890	MM
2	210414R1_2	2.50	1.25	NO	34.52	1.001	2.14e4	9.20e5	2.39	-4.5	0.928	bb
3	210414R1_3	10.0	1.23	NO	34.51	1.000	7.85e4	8.85e5	9.11	-8.9	0.886	bb
4	210414R1_4	200	1.21	NO	34.50	1.000	2.09e6	9.78e5	219	9.7	1.07	bb
5	210414R1_5	1500	1.21	NO	34.51	1.000	1.54e7	9.70e5	1630	8.6	1.06	bb
6	210414R1_6	50.0	1.22	NO	34.52	1.001	4.98e5	9.88e5	51.8	3.7	1.01	bb

Compound name: 1,2,3,7,8,9-HxCDF

Response Factor: 0.939556
 RRF SD: 0.0783771, Relative SD: 8.34193
 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	210414R1_1	1.25	1.15	NO	35.59	1.000	9.36e3	8.35e5	1.19	-4.6	0.896	MM
2	210414R1_2	2.50	1.16	NO	35.61	1.001	1.85e4	8.23e5	2.39	-4.3	0.899	bb
3	210414R1_3	10.0	1.23	NO	35.60	1.000	6.47e4	7.82e5	8.81	-11.9	0.828	bb
4	210414R1_4	200	1.22	NO	35.59	1.000	1.79e6	8.67e5	220	9.9	1.03	bb
5	210414R1_5	1500	1.23	NO	35.60	1.000	1.35e7	8.86e5	1620	7.7	1.01	bb
6	210414R1_6	50.0	1.24	NO	35.61	1.001	4.40e5	9.08e5	51.6	3.2	0.969	bb

Compound name: 1,2,3,4,6,7,8-HpCDF

Response Factor: 1.04807
 RRF SD: 0.0873368, Relative SD: 8.33314
 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	210414R1_1	1.25	1.02	NO	37.17	1.000	7.31e3	6.01e5	1.16	-7.1	0.973	MM
2	210414R1_2	2.50	1.03	NO	37.18	1.000	1.79e4	7.19e5	2.37	-5.1	0.995	MM

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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	210414R1_3	10.0	1.04	NO	37.18	1.001	6.00e4	6.30e5	9.09	-9.1	0.953	bb
4	210414R1_4	200	1.01	NO	37.17	1.001	1.61e6	6.93e5	222	10.9	1.16	bb
5	210414R1_5	1500	1.02	NO	37.18	1.001	1.21e7	7.15e5	1620	8.0	1.13	bb
6	210414R1_6	50.0	1.01	NO	37.18	1.000	3.83e5	7.13e5	51.2	2.4	1.07	bb

Compound name: 1,2,3,4,7,8,9-HpCDF

Response Factor: 1.04534

RRF SD: 0.0878605, Relative SD: 8.40498

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	210414R1_1	1.25	0.92	NO	38.95	1.000	6.49e3	5.32e5	1.17	-6.6	0.976	bb
2	210414R1_2	2.50	1.01	NO	38.98	1.000	1.62e4	6.67e5	2.32	-7.0	0.972	bb
3	210414R1_3	10.0	0.98	NO	38.98	1.001	4.93e4	5.16e5	9.15	-8.5	0.956	bb
4	210414R1_4	200	1.01	NO	38.97	1.000	1.34e6	5.80e5	222	10.8	1.16	bb
5	210414R1_5	1500	1.01	NO	38.98	1.001	1.01e7	6.02e5	1610	7.4	1.12	bb
6	210414R1_6	50.0	1.01	NO	38.98	1.000	3.18e5	5.85e5	52.0	3.9	1.09	bb

Compound name: OCDF

Response Factor: 0.771237

RRF SD: 0.061207, Relative SD: 7.93621

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	210414R1_1	2.50	0.89	NO	41.65	1.000	1.23e4	1.36e6	2.34	-6.2	0.723	MM
2	210414R1_2	5.00	0.88	NO	41.67	1.000	2.75e4	1.47e6	4.85	-3.0	0.748	bb
3	210414R1_3	20.0	0.88	NO	41.67	1.000	8.08e4	1.17e6	17.9	-10.7	0.689	bb
4	210414R1_4	400	0.89	NO	41.65	1.000	2.29e6	1.36e6	438	9.6	0.845	bb
5	210414R1_5	3000	0.89	NO	41.66	1.000	1.76e7	1.42e6	3210	7.0	0.826	bb
6	210414R1_6	100	0.89	NO	41.67	1.000	5.44e5	1.37e6	103	3.3	0.796	bb

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Compound name: 13C-2,3,7,8-TCDD

Response Factor: 1.10397

RRF SD: 0.0930337, Relative SD: 8.42721

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	210414R1_1	100	0.78	NO	26.91	1.026	1.31e6	1.37e6	86.6	-13.4	0.956	bb
2	210414R1_2	100	0.77	NO	26.93	1.026	1.46e6	1.38e6	95.7	-4.3	1.06	bb
3	210414R1_3	100	0.78	NO	26.93	1.026	1.48e6	1.33e6	101	1.1	1.12	bb
4	210414R1_4	100	0.77	NO	26.91	1.026	1.59e6	1.40e6	103	3.2	1.14	bb
5	210414R1_5	100	0.77	NO	26.91	1.026	1.47e6	1.19e6	112	12.0	1.24	bb
6	210414R1_6	100	0.77	NO	26.93	1.026	1.66e6	1.48e6	101	1.4	1.12	bb

Compound name: 13C-1,2,3,7,8-PeCDD

Response Factor: 0.863511

RRF SD: 0.0902578, Relative SD: 10.4524

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	210414R1_1	100	0.64	NO	31.24	1.191	1.03e6	1.37e6	86.8	-13.2	0.749	bb
2	210414R1_2	100	0.63	NO	31.26	1.191	1.16e6	1.38e6	97.3	-2.7	0.840	bb
3	210414R1_3	100	0.62	NO	31.26	1.191	1.11e6	1.33e6	97.3	-2.7	0.840	bb
4	210414R1_4	100	0.63	NO	31.24	1.192	1.24e6	1.40e6	102	2.4	0.884	bb
5	210414R1_5	100	0.63	NO	31.26	1.192	1.22e6	1.19e6	119	18.6	1.02	bb
6	210414R1_6	100	0.62	NO	31.26	1.191	1.25e6	1.48e6	97.6	-2.4	0.843	bb

Compound name: 13C-1,2,3,4,7,8-HxCDD

Response Factor: 0.746138

RRF SD: 0.0651061, Relative SD: 8.72575

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	210414R1_1	100	1.28	NO	34.59	1.013	6.55e5	9.77e5	89.8	-10.2	0.670	bd
2	210414R1_2	100	1.28	NO	34.61	1.014	7.11e5	1.01e6	94.8	-5.2	0.707	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	210414R1_3	100	1.27	NO	34.60	1.013	7.40e5	1.01e6	98.4	-1.6	0.734	bd
4	210414R1_4	100	1.27	NO	34.59	1.013	8.23e5	1.08e6	102	1.7	0.759	bd
5	210414R1_5	100	1.27	NO	34.60	1.013	8.49e5	9.84e5	116	15.6	0.863	bd
6	210414R1_6	100	1.27	NO	34.61	1.014	8.23e5	1.11e6	99.7	-0.3	0.744	bd

Compound name: 13C-1,2,3,6,7,8-HxCDD

Response Factor: 0.846795
 RRF SD: 0.0772663, Relative SD: 9.12455
 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	210414R1_1	100	1.29	NO	34.72	1.018	7.49e5	9.77e5	90.5	-9.5	0.766	db
2	210414R1_2	100	1.26	NO	34.73	1.018	8.03e5	1.01e6	94.3	-5.7	0.799	db
3	210414R1_3	100	1.26	NO	34.73	1.018	8.25e5	1.01e6	96.6	-3.4	0.818	db
4	210414R1_4	100	1.25	NO	34.72	1.018	9.47e5	1.08e6	103	3.1	0.873	db
5	210414R1_5	100	1.26	NO	34.73	1.018	9.70e5	9.84e5	116	16.5	0.986	db
6	210414R1_6	100	1.25	NO	34.73	1.018	9.27e5	1.11e6	99.0	-1.0	0.839	db

Compound name: 13C-1,2,3,7,8,9-HxCDD

Response Factor: 0.868278
 RRF SD: 0.0751126, Relative SD: 8.65075
 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	210414R1_1	100	1.26	NO	35.02	1.026	7.49e5	9.77e5	88.3	-11.7	0.767	MM
2	210414R1_2	100	1.26	NO	35.03	1.026	8.90e5	1.01e6	102	2.0	0.886	bb
3	210414R1_3	100	1.27	NO	35.03	1.026	8.45e5	1.01e6	96.4	-3.6	0.837	bb
4	210414R1_4	100	1.25	NO	35.01	1.026	9.50e5	1.08e6	101	0.8	0.876	bb
5	210414R1_5	100	1.24	NO	35.02	1.026	9.79e5	9.84e5	115	14.6	0.995	bb
6	210414R1_6	100	1.25	NO	35.03	1.026	9.39e5	1.11e6	97.8	-2.2	0.849	bb

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

Response Factor: 0.664147

RRF SD: 0.0670773, Relative SD: 10.0998

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	210414R1_1	100	1.04	NO	38.28	1.122	6.08e5	9.77e5	93.7	-6.3	0.622	MM
2	210414R1_2	100	1.05	NO	38.29	1.122	7.70e5	1.01e6	115	15.4	0.766	bb
3	210414R1_3	100	1.06	NO	38.29	1.122	6.13e5	1.01e6	91.5	-8.5	0.608	bb
4	210414R1_4	100	1.05	NO	38.28	1.122	6.81e5	1.08e6	94.5	-5.5	0.628	bb
5	210414R1_5	100	1.04	NO	38.29	1.122	7.20e5	9.84e5	110	10.2	0.732	bb
6	210414R1_6	100	1.04	NO	38.29	1.122	6.96e5	1.11e6	94.7	-5.3	0.629	bb

Compound name: 13C-OCDD

Response Factor: 0.560713

RRF SD: 0.0533804, Relative SD: 9.52008

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	210414R1_1	200	0.92	NO	41.30	1.210	1.09e6	9.77e5	199	-0.5	0.558	MM
2	210414R1_2	200	0.89	NO	41.32	1.211	1.27e6	1.01e6	226	12.9	0.633	bb
3	210414R1_3	200	0.89	NO	41.31	1.210	1.01e6	1.01e6	179	-10.7	0.501	bb
4	210414R1_4	200	0.88	NO	41.30	1.210	1.15e6	1.08e6	189	-5.7	0.529	bb
5	210414R1_5	200	0.88	NO	41.31	1.210	1.21e6	9.84e5	220	10.1	0.617	bb
6	210414R1_6	200	0.89	NO	41.31	1.210	1.16e6	1.11e6	188	-6.1	0.527	bb

Compound name: 13C-2,3,7,8-TCDF

Response Factor: 1.09311

RRF SD: 0.0632342, Relative SD: 5.78481

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	210414R1_1	100	0.77	NO	26.32	1.003	2.17e6	1.78e6	111	11.3	1.22	bb
2	210414R1_2	100	0.77	NO	26.34	1.004	2.13e6	2.00e6	97.6	-2.4	1.07	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	210414R1_3	100	0.77	NO	26.32	1.003	2.00e6	1.90e6	96.1	-3.9	1.05	bb
4	210414R1_4	100	0.76	NO	26.31	1.003	2.14e6	2.03e6	96.5	-3.5	1.06	bb
5	210414R1_5	100	0.78	NO	26.32	1.004	1.93e6	1.76e6	101	0.7	1.10	bb
6	210414R1_6	100	0.77	NO	26.32	1.003	2.27e6	2.12e6	97.8	-2.2	1.07	bb

Compound name: 13C-1,2,3,7,8-PeCDF

Response Factor: 0.809493

RRF SD: 0.0523734, Relative SD: 6.4699

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	210414R1_1	100	1.57	NO	30.08	1.147	1.36e6	1.78e6	94.2	-5.8	0.763	bb
2	210414R1_2	100	1.59	NO	30.10	1.147	1.58e6	2.00e6	97.4	-2.6	0.788	bb
3	210414R1_3	100	1.55	NO	30.10	1.147	1.49e6	1.90e6	96.6	-3.4	0.782	bb
4	210414R1_4	100	1.55	NO	30.08	1.147	1.64e6	2.03e6	99.7	-0.3	0.807	bb
5	210414R1_5	100	1.58	NO	30.10	1.148	1.60e6	1.76e6	113	12.5	0.911	bb
6	210414R1_6	100	1.56	NO	30.10	1.147	1.71e6	2.12e6	99.6	-0.4	0.806	bb

Compound name: 13C-2,3,4,7,8-PeCDF

Response Factor: 0.803072

RRF SD: 0.0359789, Relative SD: 4.48016

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	210414R1_1	100	1.59	NO	31.08	1.185	1.46e6	1.78e6	102	2.0	0.819	bb
2	210414R1_2	100	1.59	NO	31.09	1.185	1.61e6	2.00e6	100	0.2	0.804	bb
3	210414R1_3	100	1.55	NO	31.09	1.185	1.48e6	1.90e6	96.6	-3.4	0.776	bb
4	210414R1_4	100	1.58	NO	31.08	1.185	1.58e6	2.03e6	96.9	-3.1	0.778	bb
5	210414R1_5	100	1.57	NO	31.08	1.185	1.52e6	1.76e6	108	7.9	0.867	bb
6	210414R1_6	100	1.55	NO	31.09	1.185	1.64e6	2.12e6	96.5	-3.5	0.775	bb

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Compound name: 13C-1,2,3,4,7,8-HxCDF

Response Factor: 1.01114

RRF SD: 0.0571822, Relative SD: 5.65524

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	210414R1_1	100	0.51	NO	33.65	0.986	1.06e6	9.77e5	108	7.5	1.09	bd
2	210414R1_2	100	0.52	NO	33.67	0.986	1.06e6	1.01e6	105	4.7	1.06	bd
3	210414R1_3	100	0.51	NO	33.67	0.986	9.58e5	1.01e6	93.9	-6.1	0.950	bd
4	210414R1_4	100	0.51	NO	33.65	0.986	1.05e6	1.08e6	95.9	-4.1	0.970	bd
5	210414R1_5	100	0.51	NO	33.67	0.986	1.02e6	9.84e5	103	2.6	1.04	bd
6	210414R1_6	100	0.51	NO	33.68	0.987	1.07e6	1.11e6	95.4	-4.6	0.964	bd

Compound name: 13C-1,2,3,6,7,8-HxCDF

Response Factor: 1.07338

RRF SD: 0.0605245, Relative SD: 5.63869

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	210414R1_1	100	0.52	NO	33.79	0.990	1.11e6	9.77e5	106	5.8	1.14	db
2	210414R1_2	100	0.52	NO	33.81	0.990	1.10e6	1.01e6	102	2.1	1.10	dd
3	210414R1_3	100	0.51	NO	33.81	0.990	1.01e6	1.01e6	93.4	-6.6	1.00	db
4	210414R1_4	100	0.51	NO	33.80	0.990	1.12e6	1.08e6	96.1	-3.9	1.03	db
5	210414R1_5	100	0.51	NO	33.81	0.990	1.13e6	9.84e5	107	6.8	1.15	db
6	210414R1_6	100	0.52	NO	33.81	0.990	1.14e6	1.11e6	95.8	-4.2	1.03	db

Compound name: 13C-2,3,4,6,7,8-HxCDF

Response Factor: 0.909508

RRF SD: 0.0399449, Relative SD: 4.39192

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	210414R1_1	100	0.51	NO	34.48	1.010	8.62e5	9.77e5	97.0	-3.0	0.882	bb
2	210414R1_2	100	0.51	NO	34.50	1.011	9.20e5	1.01e6	101	0.6	0.915	bb

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Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

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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	210414R1_3	100	0.51	NO	34.50	1.011	8.85e5	1.01e6	96.5	-3.5	0.878	bb
4	210414R1_4	100	0.51	NO	34.49	1.011	9.78e5	1.08e6	99.2	-0.8	0.902	bb
5	210414R1_5	100	0.51	NO	34.50	1.011	9.70e5	9.84e5	108	8.4	0.986	bb
6	210414R1_6	100	0.51	NO	34.50	1.011	9.88e5	1.11e6	98.2	-1.8	0.894	bb

Compound name: 13C-1,2,3,7,8,9-HxCDF

Response Factor: 0.828495

RRF SD: 0.0441817, Relative SD: 5.33276

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	210414R1_1	100	0.51	NO	35.58	1.043	8.35e5	9.77e5	103	3.1	0.855	bd
2	210414R1_2	100	0.50	NO	35.59	1.043	8.23e5	1.01e6	98.8	-1.2	0.819	bb
3	210414R1_3	100	0.50	NO	35.59	1.043	7.82e5	1.01e6	93.6	-6.4	0.775	bb
4	210414R1_4	100	0.51	NO	35.58	1.043	8.67e5	1.08e6	96.5	-3.5	0.800	bb
5	210414R1_5	100	0.51	NO	35.59	1.043	8.86e5	9.84e5	109	8.8	0.901	bb
6	210414R1_6	100	0.50	NO	35.59	1.043	9.08e5	1.11e6	99.1	-0.9	0.821	bb

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

Response Factor: 0.660927

RRF SD: 0.0478014, Relative SD: 7.23248

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	210414R1_1	100	0.43	NO	37.16	1.089	6.01e5	9.77e5	93.0	-7.0	0.615	bb
2	210414R1_2	100	0.43	NO	37.17	1.089	7.19e5	1.01e6	108	8.2	0.715	bb
3	210414R1_3	100	0.44	NO	37.16	1.089	6.30e5	1.01e6	94.5	-5.5	0.624	bb
4	210414R1_4	100	0.44	NO	37.15	1.089	6.93e5	1.08e6	96.8	-3.2	0.639	bb
5	210414R1_5	100	0.44	NO	37.16	1.089	7.15e5	9.84e5	110	10.0	0.727	bb
6	210414R1_6	100	0.43	NO	37.17	1.089	7.13e5	1.11e6	97.6	-2.4	0.645	bb

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time
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Compound name: 13C-1,2,3,4,7,8,9-HpCDF

Response Factor: 0.565796
 RRF SD: 0.0589126, Relative SD: 10.4123
 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	210414R1_1	100	0.44	NO	38.95	1.141	5.32e5	9.77e5	96.2	-3.8	0.544	bb
2	210414R1_2	100	0.44	NO	38.97	1.141	6.67e5	1.01e6	117	17.2	0.663	bb
3	210414R1_3	100	0.43	NO	38.95	1.141	5.16e5	1.01e6	90.4	-9.6	0.511	bb
4	210414R1_4	100	0.43	NO	38.95	1.141	5.80e5	1.08e6	94.5	-5.5	0.535	bb
5	210414R1_5	100	0.44	NO	38.95	1.141	6.02e5	9.84e5	108	8.2	0.612	bd
6	210414R1_6	100	0.43	NO	38.97	1.141	5.85e5	1.11e6	93.5	-6.5	0.529	bb

Compound name: 13C-OCDF

Response Factor: 0.662528
 RRF SD: 0.0621617, Relative SD: 9.3825
 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	210414R1_1	200	0.90	NO	41.64	1.220	1.36e6	9.77e5	210	5.2	0.697	bb
2	210414R1_2	200	0.88	NO	41.66	1.220	1.47e6	1.01e6	221	10.5	0.732	bb
3	210414R1_3	200	0.89	NO	41.66	1.220	1.17e6	1.01e6	176	-12.2	0.582	bb
4	210414R1_4	200	0.88	NO	41.64	1.220	1.36e6	1.08e6	189	-5.6	0.625	bb
5	210414R1_5	200	0.88	NO	41.65	1.220	1.42e6	9.84e5	218	8.8	0.721	bb
6	210414R1_6	200	0.89	NO	41.65	1.220	1.37e6	1.11e6	187	-6.7	0.618	bb

Compound name: 37Cl-2,3,7,8-TCDD

Response Factor: 2.06778
 RRF SD: 0.220438, Relative SD: 10.6606
 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	210414R1_1	0.250			26.93	1.026	6.11e3	1.37e6	0.215	-13.8	1.78	bb
2	210414R1_2	0.500			26.96	1.028	1.53e4	1.38e6	0.535	6.9	2.21	bb

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time

Printed: Thursday, April 15, 2021 10:31:17 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	210414R1_3	2.00			26.94	1.027	4.90e4	1.33e6	1.79	-10.6	1.85	bb
4	210414R1_4	40.0			26.93	1.027	1.19e6	1.40e6	41.2	2.9	2.13	bb
5	210414R1_5	200			26.94	1.028	5.63e6	1.19e6	229	14.4	2.37	bb
6	210414R1_6	10.0			26.94	1.027	3.06e5	1.48e6	10.0	0.1	2.07	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	210414R1_1	100	0.78	NO	26.23	1.000	1.37e6	1.37e6	100	0.0	1.00	bb
2	210414R1_2	100	0.78	NO	26.23	1.000	1.38e6	1.38e6	100	0.0	1.00	bb
3	210414R1_3	100	0.78	NO	26.23	1.000	1.33e6	1.33e6	100	0.0	1.00	bb
4	210414R1_4	100	0.78	NO	26.22	1.000	1.40e6	1.40e6	100	0.0	1.00	bb
5	210414R1_5	100	0.77	NO	26.22	1.000	1.19e6	1.19e6	100	0.0	1.00	bb
6	210414R1_6	100	0.78	NO	26.23	1.000	1.48e6	1.48e6	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	210414R1_1	100	0.79	NO	24.93	1.000	1.78e6	1.78e6	100	0.0	1.00	bb
2	210414R1_2	100	0.79	NO	24.95	1.000	2.00e6	2.00e6	100	0.0	1.00	bb
3	210414R1_3	100	0.78	NO	24.95	1.000	1.90e6	1.90e6	100	0.0	1.00	bb
4	210414R1_4	100	0.78	NO	24.93	1.000	2.03e6	2.03e6	100	0.0	1.00	bb
5	210414R1_5	100	0.78	NO	24.93	1.000	1.76e6	1.76e6	100	0.0	1.00	bb
6	210414R1_6	100	0.78	NO	24.95	1.000	2.12e6	2.12e6	100	0.0	1.00	bb

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CRV.qld

Last Altered: Thursday, April 15, 2021 09:26:26 Pacific Daylight Time
Printed: Thursday, April 15, 2021 10:31:17 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	210414R1_1	100	0.51	NO	34.13	1.000	9.77e5	9.77e5	100	0.0	1.00	bb
2	210414R1_2	100	0.51	NO	34.14	1.000	1.01e6	1.01e6	100	0.0	1.00	bb
3	210414R1_3	100	0.51	NO	34.14	1.000	1.01e6	1.01e6	100	0.0	1.00	bb
4	210414R1_4	100	0.51	NO	34.13	1.000	1.08e6	1.08e6	100	0.0	1.00	bb
5	210414R1_5	100	0.51	NO	34.14	1.000	9.84e5	9.84e5	100	0.0	1.00	bb
6	210414R1_6	100	0.51	NO	34.14	1.000	1.11e6	1.11e6	100	0.0	1.00	bb

Dataset: Untitled

Last Altered: Thursday, April 15, 2021 10:22:19 Pacific Daylight Time
Printed: Thursday, April 15, 2021 10:22:49 Pacific Daylight Time

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Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

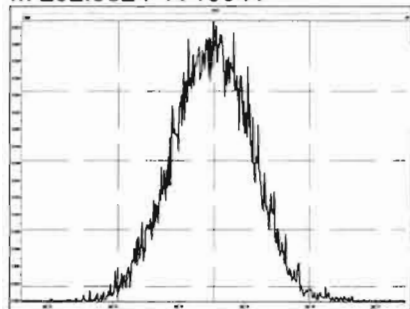
Compound name: 2,3,7,8-TCDD

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3	210414R1_3	ST210414R1-3 1613 CS2 21C0104	14-Apr-21	11:26:41
4	210414R1_4	ST210414R1-4 1613 CS4 21C0106	14-Apr-21	12:13:44
5	210414R1_5	ST210414R1-5 1613 CS5 21C0107	14-Apr-21	12:59:55
6	210414R1_6	ST210414R1-6 1613 CS3 21C0105	14-Apr-21	13:46:07
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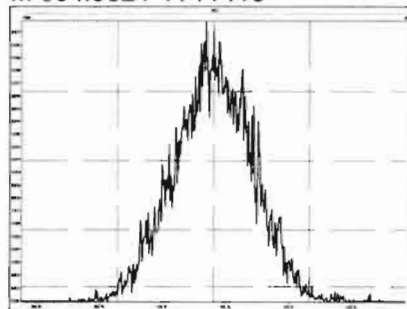
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Printed: Wednesday, April 14, 2021 09:36:46 Pacific Daylight Time

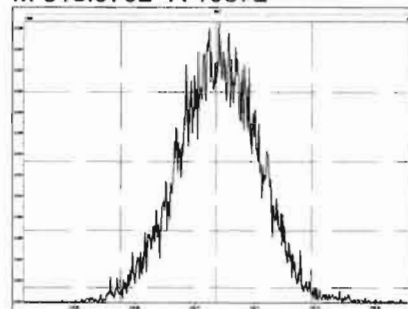
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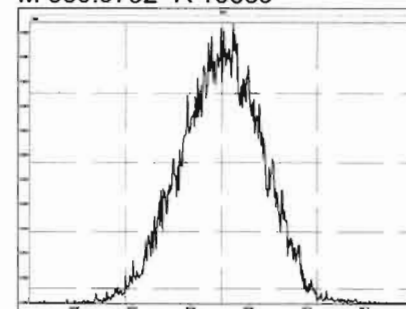
M 304.9824 R 11415



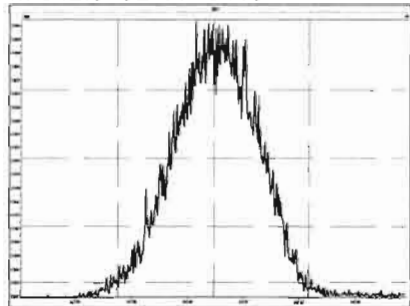
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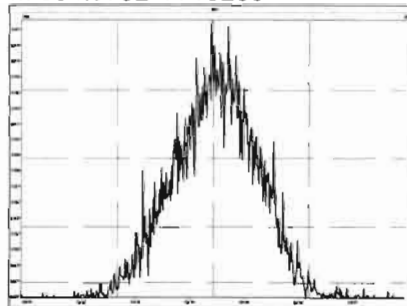
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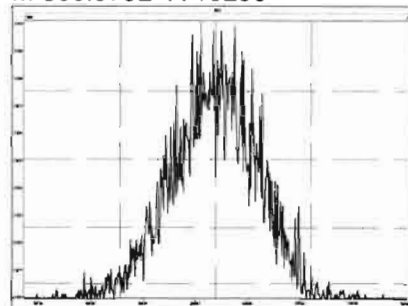
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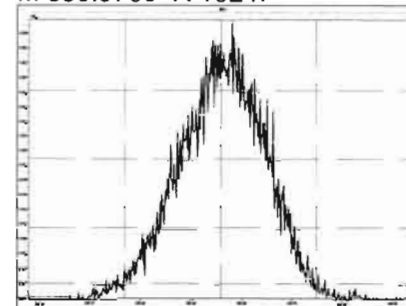
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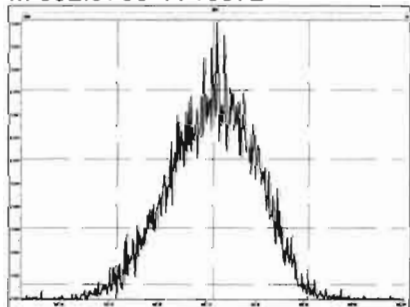
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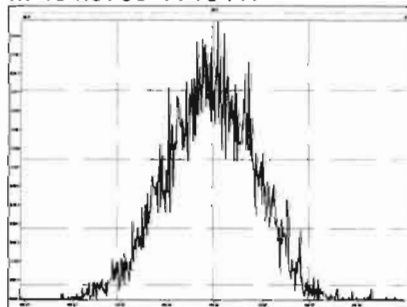
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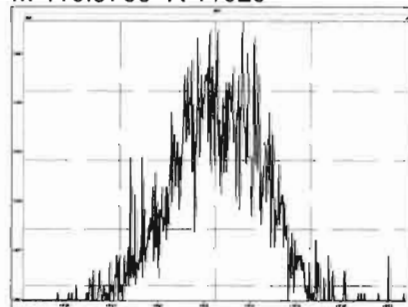
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M 404.9760 R 10417



M 416.9760 R 11626



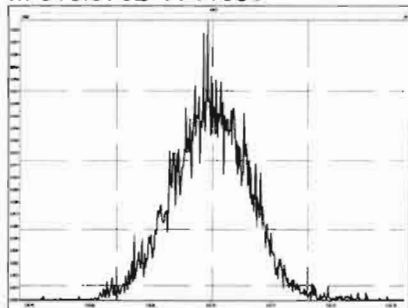
Experiment Calibration Report

MassLynx 4.1 SCN815

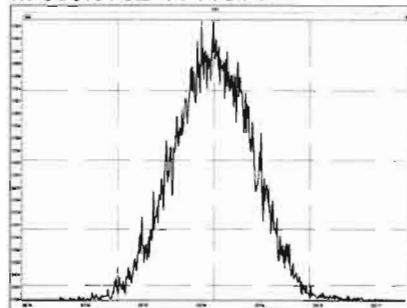
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Printed: Wednesday, April 14, 2021 09:38:24 Pacific Daylight Time

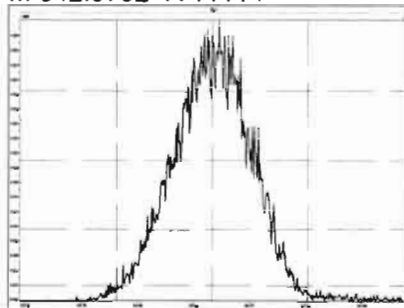
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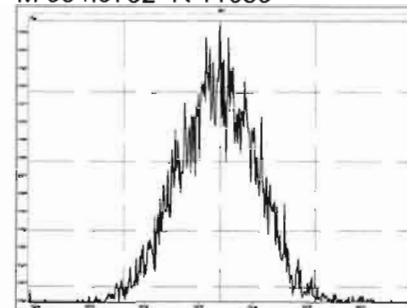
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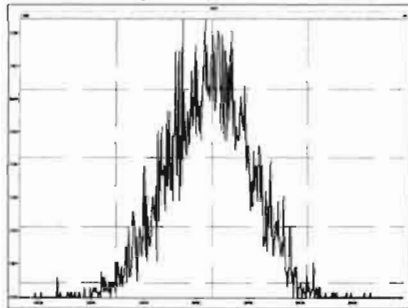
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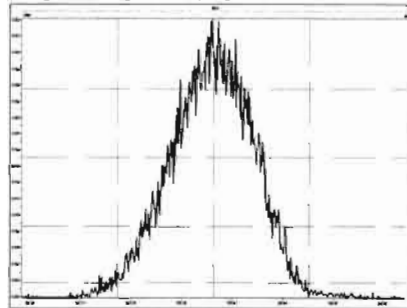
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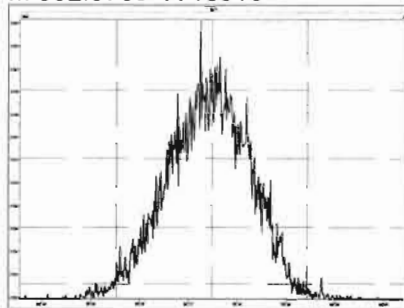
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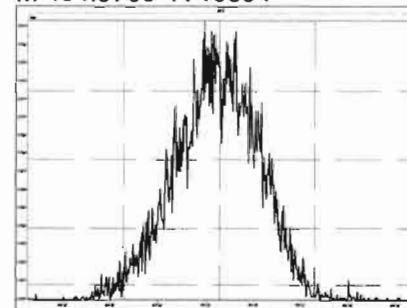
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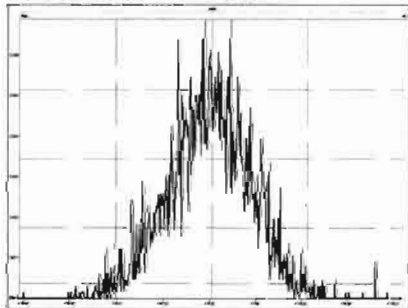
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M 404.9760 R 10594



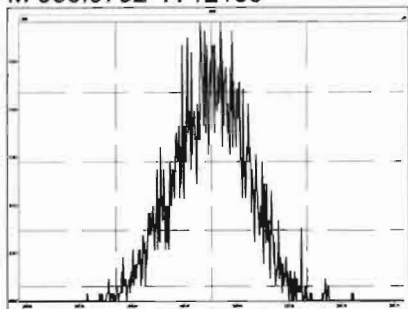
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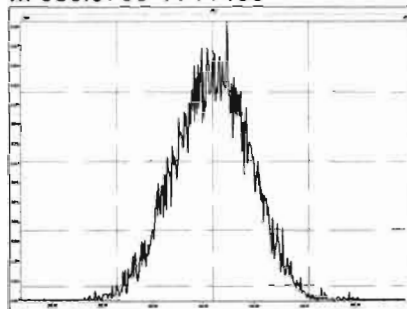
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Printed: Wednesday, April 14, 2021 09:39:36 Pacific Daylight Time

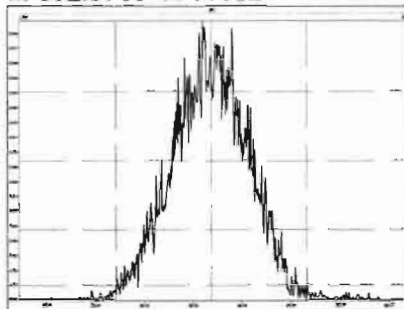
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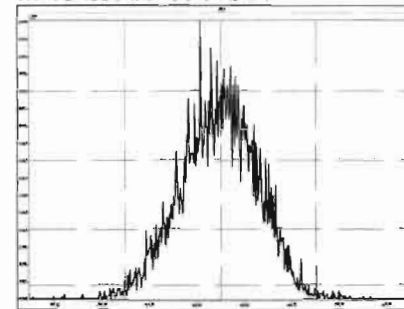
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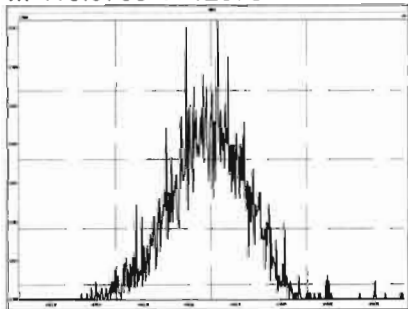
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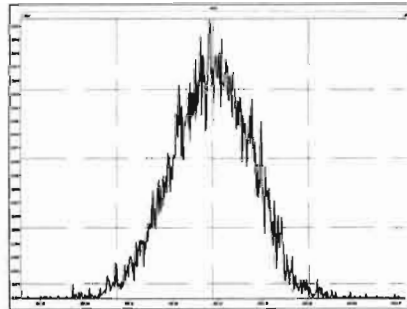
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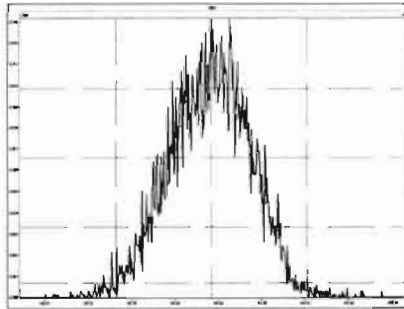
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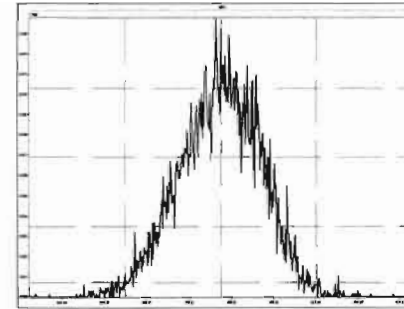
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M 442.9728 R 10870



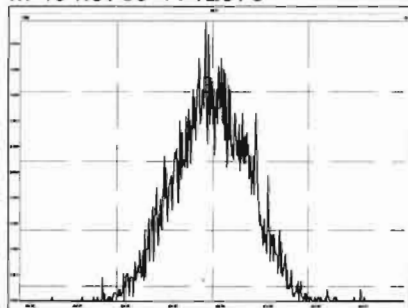
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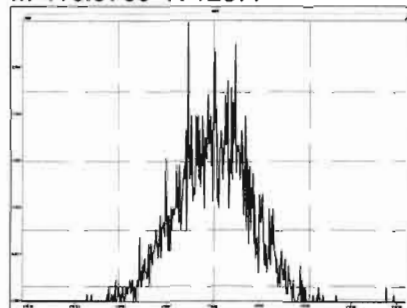
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Printed: Wednesday, April 14, 2021 09:40:37 Pacific Daylight Time

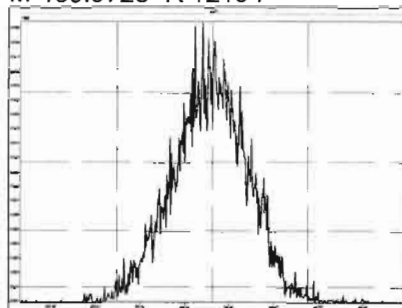
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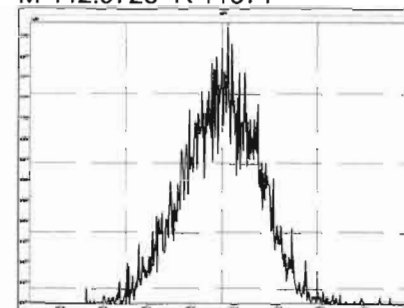
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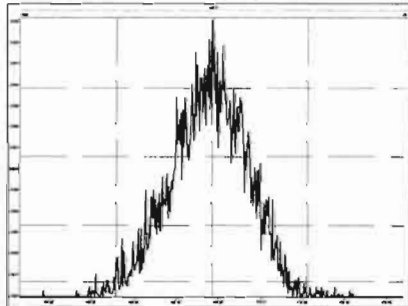
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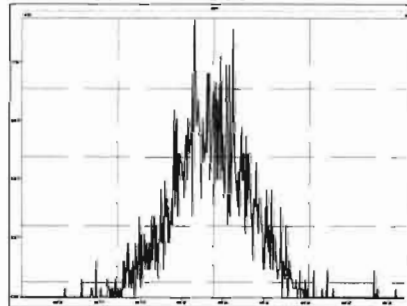
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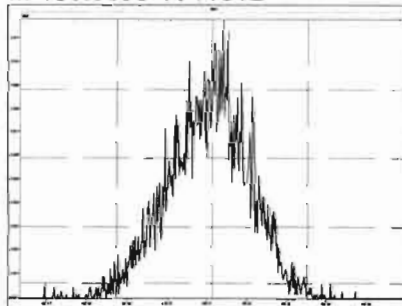
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M 466.9728 R 13091



M 480.9696 R 11312



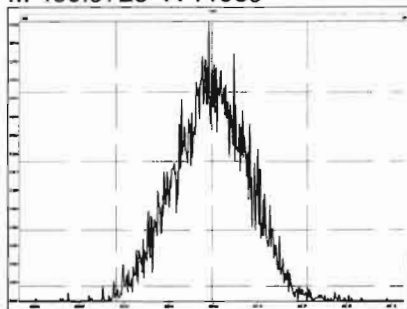
Experiment Calibration Report

MassLynx 4.1 SCN815

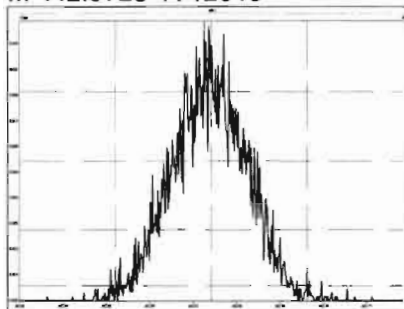
File: Experiment: OCDD_DIOXIN.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Wednesday, April 14, 2021 09:41:44 Pacific Daylight Time

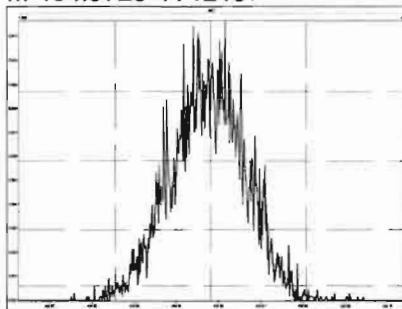
M 430.9728 R 11959



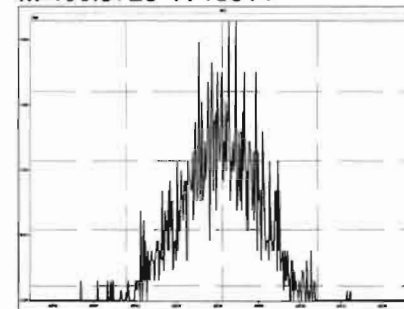
M 442.9728 R 12019



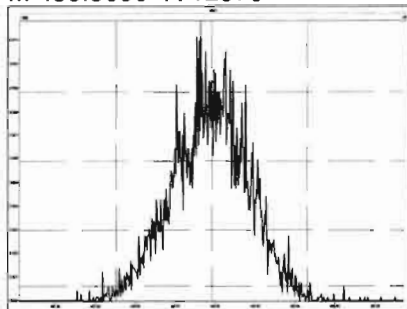
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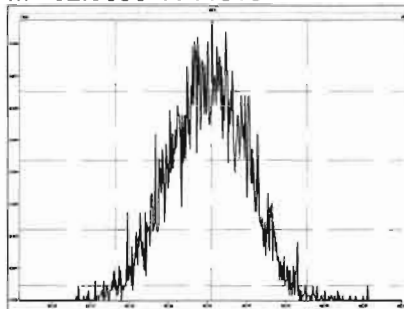
M 466.9728 R 13514



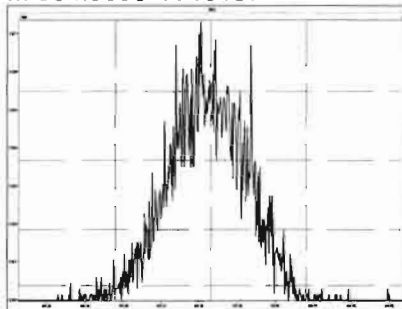
M 480.9696 R 12076



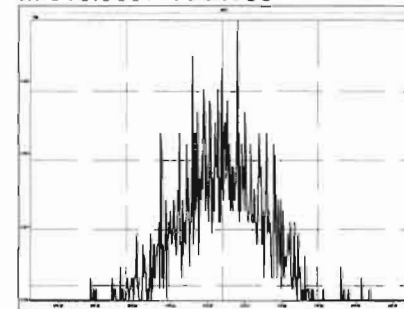
M 492.9696 R 11518



M 504.9696 R 13157



M 516.9697 R 14798



Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CPSM.qld

Last Altered: Thursday, April 15, 2021 09:55:18 Pacific Daylight Time

Printed: Thursday, April 15, 2021 09:55:55 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 06 Apr 2021 16:19:34

Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210414R1_6, Date: 14-Apr-2021, Time: 13:46:07, ID: ST210414R1-6 1613 CS3 21C0105, Description: 1613 CS3 21C0105

#	Name	RT
1	1 1,3,6,8-TCDD (First)	23.62
2	2 1,2,8,9-TCDD (Last)	27.76
3	3 1,2,4,7,9-PeCDD (First)	29.13
4	4 1,2,3,8,9-PeCDD (Last)	31.62
5	5 1,2,4,6,7,9-HxCDD (First)	32.89
6	6 1,2,3,7,8,9-HxCDD (Last)	35.05
7	7 1,2,3,4,6,7,9-HpCDD (First)	37.47
8	8 1,2,3,4,6,7,8-HpCDD (Last)	38.31
9	9 1,3,6,8-TCDF (First)	21.61
10	10 1,2,8,9-TCDF (Last)	28.07
11	11 1,3,4,6,8-PeCDF (First)	27.62
12	12 1,2,3,8,9-PeCDF (Last)	31.98
13	13 1,2,3,4,6,8-HxCDF (First)	32.36
14	14 1,2,3,7,8,9-HxCDF (Last)	35.61
15	15 1,2,3,4,6,7,8-HpCDF (First)	37.18
16	16 1,2,3,4,7,8,9-HpCDF (Last)	38.98

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CPSM.qld

Last Altered: Thursday, April 15, 2021 09:55:18 Pacific Daylight Time

Printed: Thursday, April 15, 2021 09:55:55 Pacific Daylight Time

FIN 04/15/21

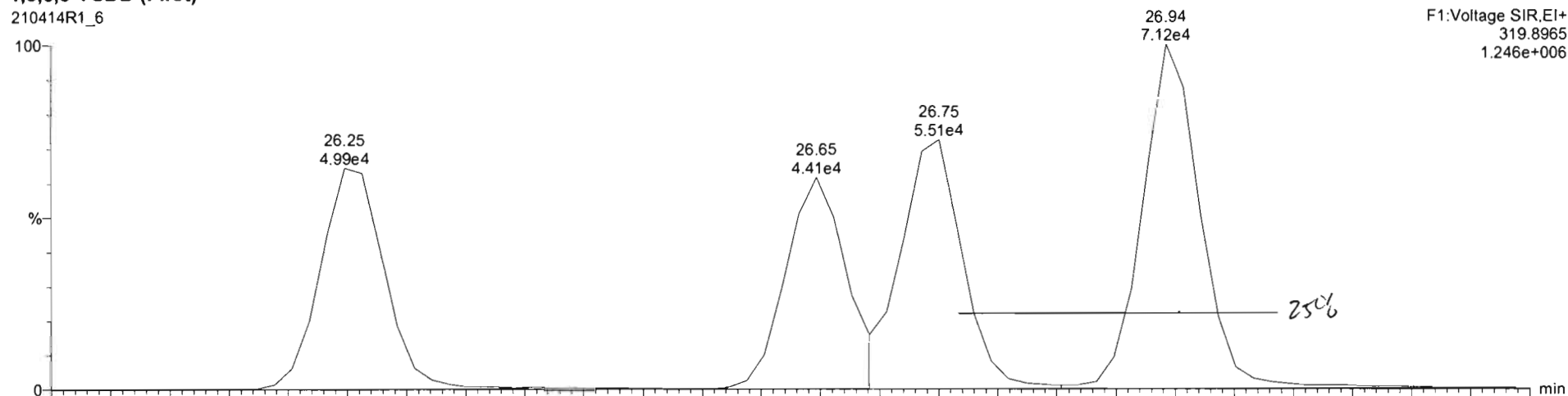
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Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

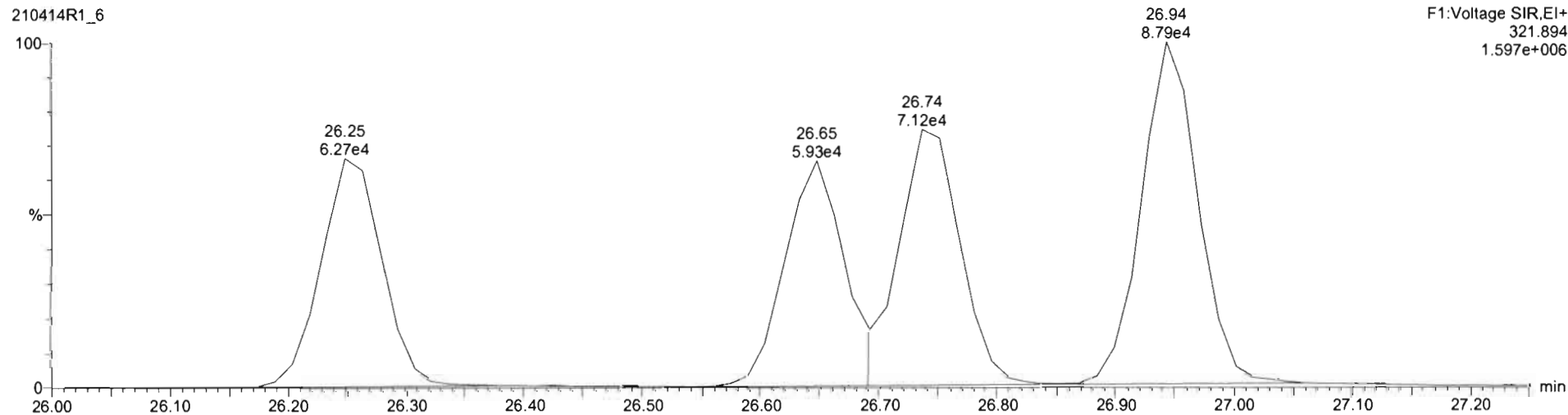
Name: 210414R1_6, Date: 14-Apr-2021, Time: 13:46:07, ID: ST210414R1-6 1613 CS3 21C0105, Description: 1613 CS3 21C0105

1,3,6,8-TCDD (First)

210414R1_6



210414R1_6



Dataset: U:\VG12.PRO\Results\210414R1\210414R1_CPSM.qld

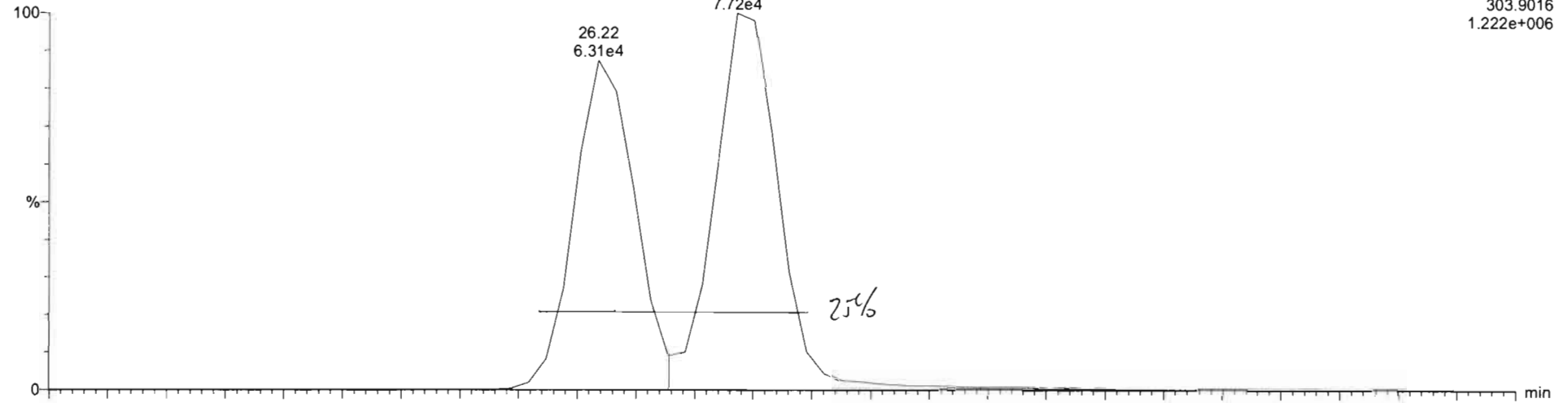
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FIN 04/15/21

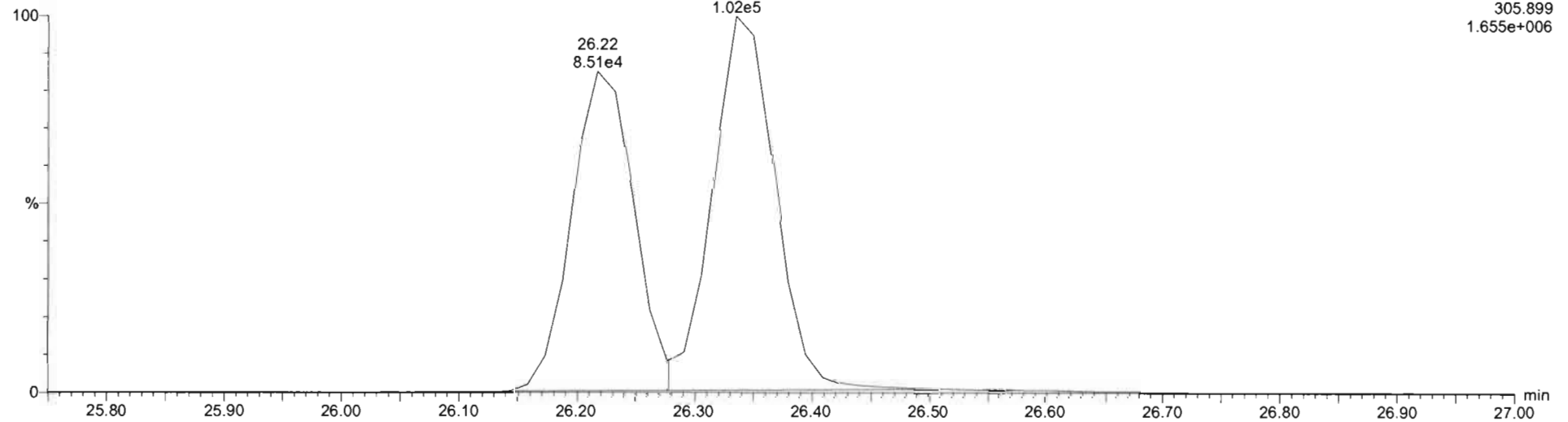
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1,3,6,8-TCDF (First)

210414R1_6



210414R1_6



Dataset: Untitled

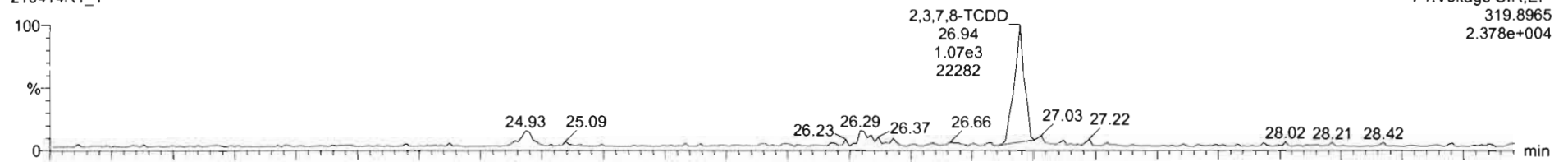
Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time
Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-06-21.mdb 06 Apr 2021 08:35:23
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 14 Apr 2021 14:49:28

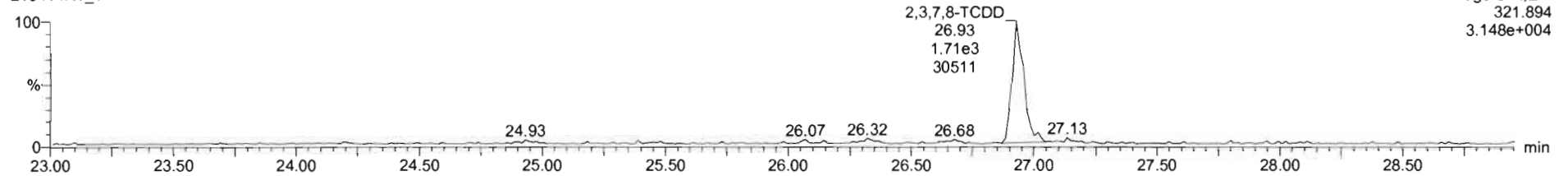
Name: 210414R1_1, Date: 14-Apr-2021, Time: 09:44:53, ID: ST210414R1-1 1613 CS0 21D0706, Description: 1613 CS0 21D0706

2,3,7,8-TCDD

210414R1_1

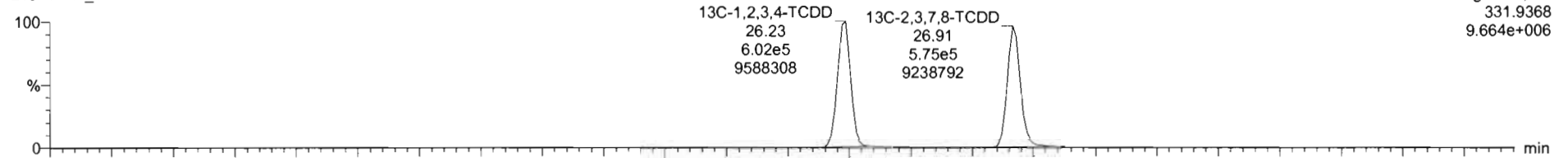


210414R1_1

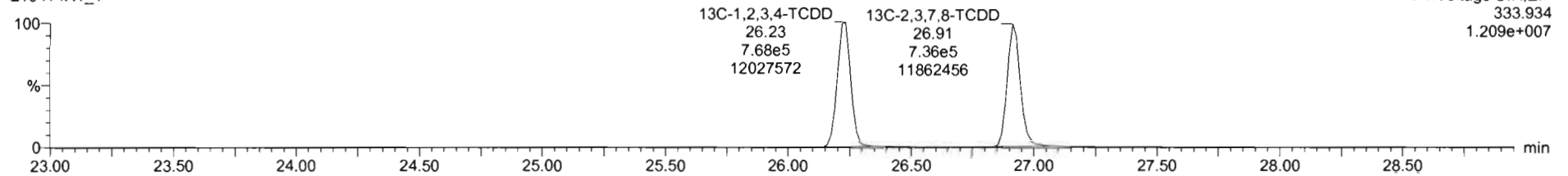


13C-2,3,7,8-TCDD

210414R1_1



210414R1_1

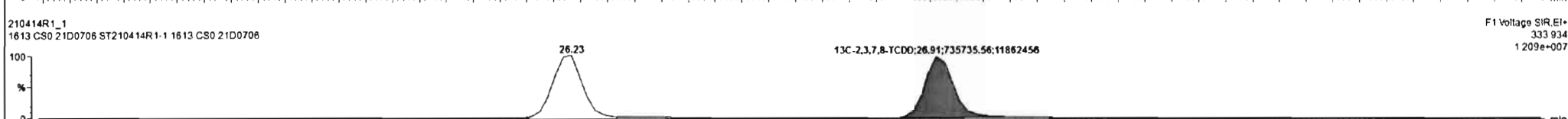
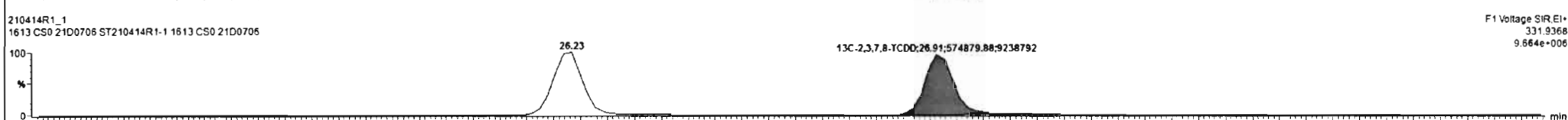
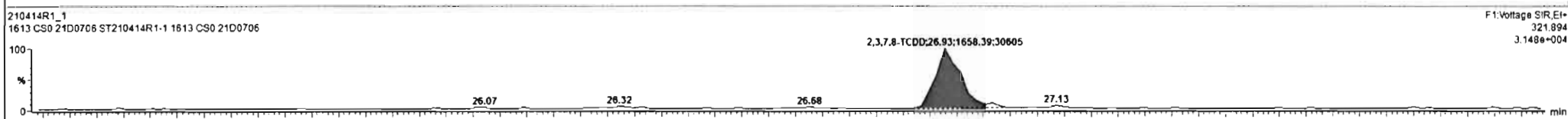
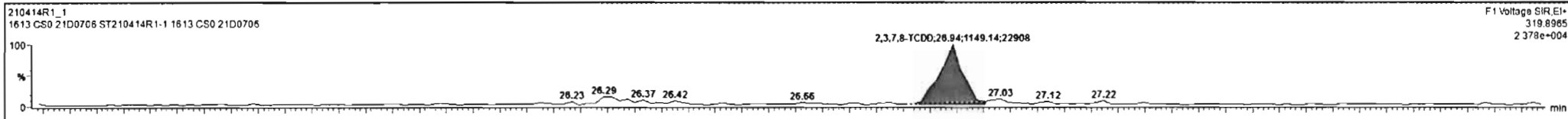


TargetLynx - 210414R1_CRV.qtd - Chromatogram

File Edit View Display Processing Window Help

210414R1_1 - ST210414R1-1 1613 CS0 21D0706 - 1613 CS0 21D0706

#	RT	Name	RT	RA	ym	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	26.94	2,3,7,8-TCDD	0.693	NO		2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0829
2	31.27	1,2,3,7,8-PeCDD	0.677	NO		1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	34.61	1,2,3,4,7,8-HxCDD	1.233	NO		7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	34.73	1,2,3,6,7,8-HxCDD	1.134	NO		8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	35.03	1,2,3,7,8,9-HxCDD	1.217	NO		7.6564e3	7.4924e5	1.250	-6.5	8.96	0.874	0.0774
6	38.31	1,2,3,4,6,7,8-HpCDD	1.021	NO		6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	41.31	OCDD	0.858	NO		1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	26.35	2,3,7,8-TCDF	0.790	NO		3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	30.10	1,2,3,7,8-PeCDF	1.521	NO		1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	31.09	2,3,4,7,8-PeCDF	1.483	NO		1.8882e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	33.67	1,2,3,4,7,8-HxCDF	1.172	NO		1.1296e4	1.0627e6	1.250	-7.5	8.29	0.920	0.0762
12	33.81	1,2,3,6,7,8-HxCDF	1.248	NO		1.1920e4	1.1097e6	1.250	-8.3	7.74	0.937	0.0725
13	34.50	2,3,4,6,7,8-HxCDF	1.224	NO		9.5902e3	8.6242e5	1.250	-8.5	8.41	0.973	0.0818
14	35.59	1,2,3,7,8,9-HxCDF	1.155	NO		9.3601e3	8.3529e5	1.250	-4.6	8.34	0.940	0.0784
15	37.17	1,2,3,4,6,7,8-HpCDF	1.018	NO		7.3127e3	6.0094e5	1.250	-7.1	8.33	1.05	0.0873
16	38.95	1,2,3,4,7,8,9-HpCDF	0.919	NO		6.4893e3	5.3180e5	1.250	-6.6	8.40	1.05	0.0879
17	41.65	OCDF	0.893	NO		1.2322e4	1.3632e6	2.500	-6.2	7.94	0.771	0.0612



Ready

210414R1_1 CAP NUM

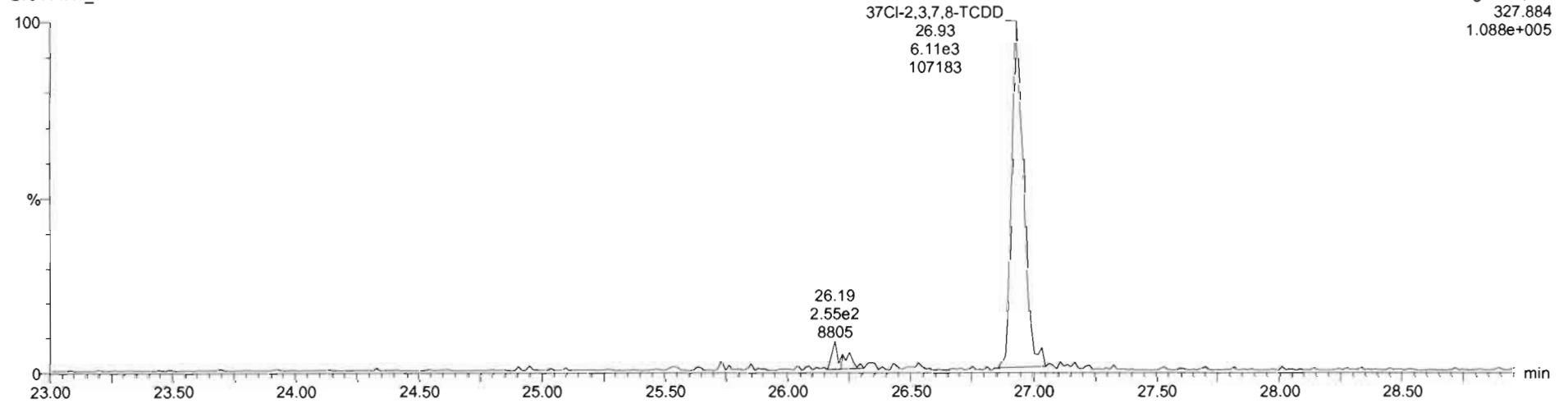
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Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time
Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

Name: 210414R1_1, Date: 14-Apr-2021, Time: 09:44:53, ID: ST210414R1-1 1613 CS0 21D0706, Description: 1613 CS0 21D0706

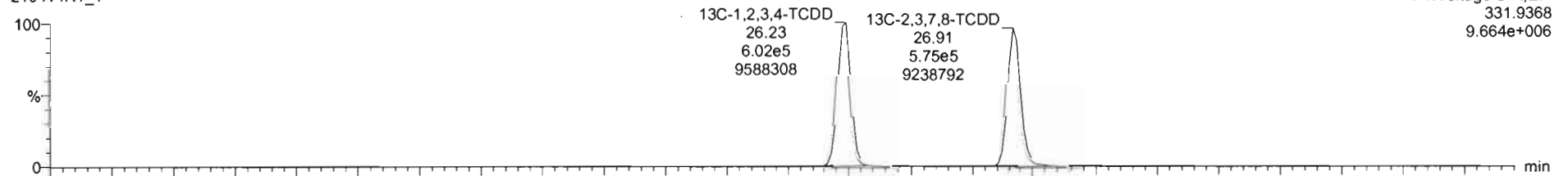
37Cl-2,3,7,8-TCDD

210414R1_1

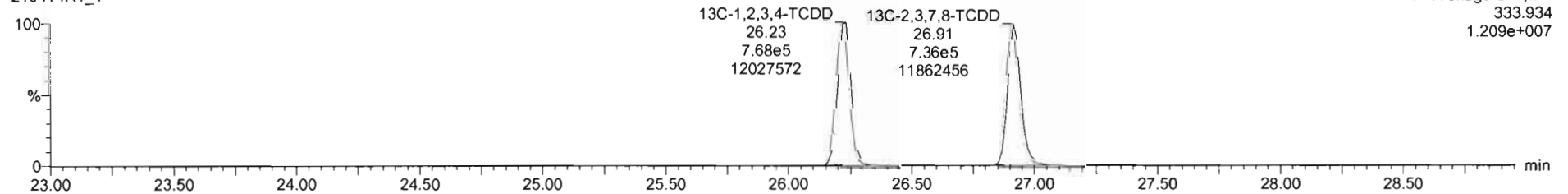


13C-1,2,3,4-TCDD

210414R1_1



210414R1_1



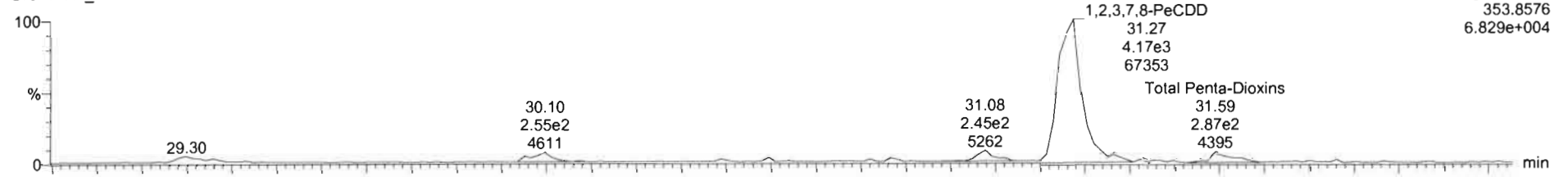
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

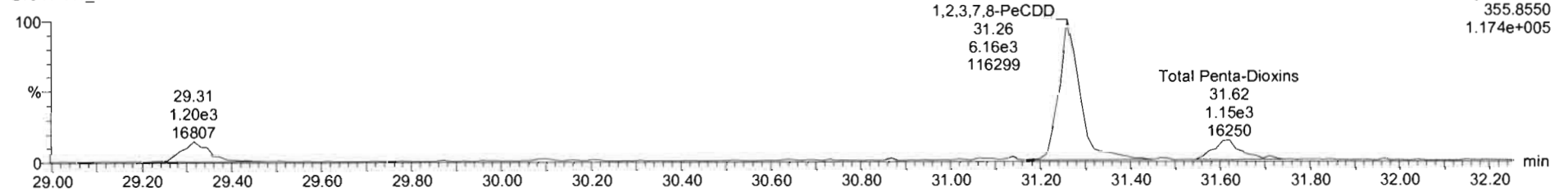
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1,2,3,7,8-PeCDD

210414R1_1

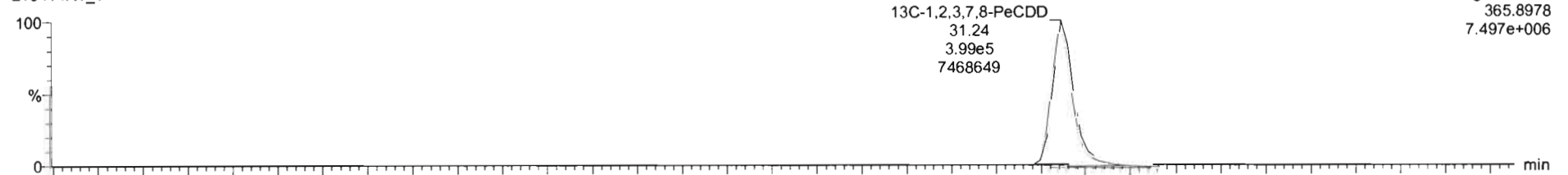


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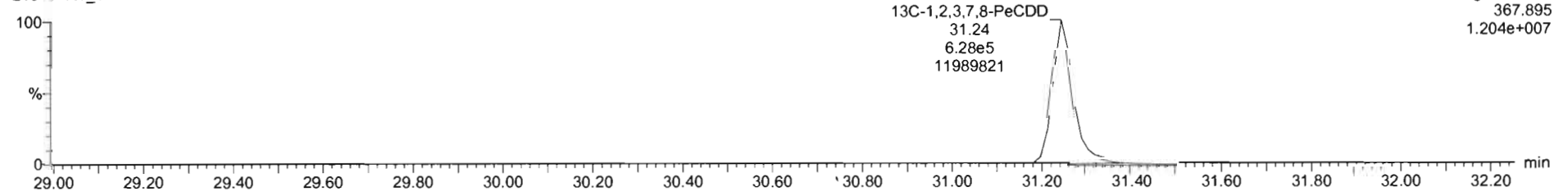


13C-1,2,3,7,8-PeCDD

210414R1_1



210414R1_1



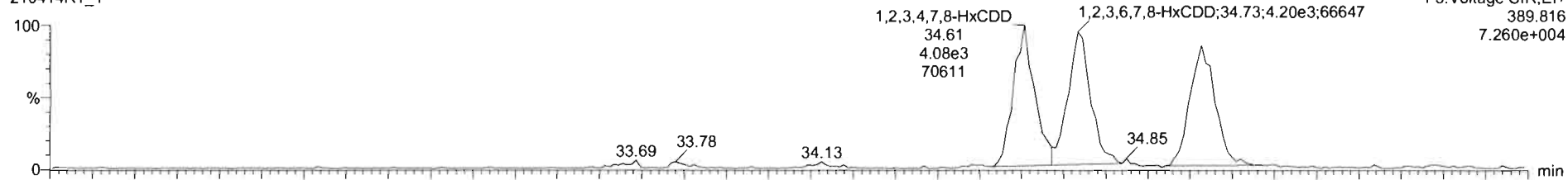
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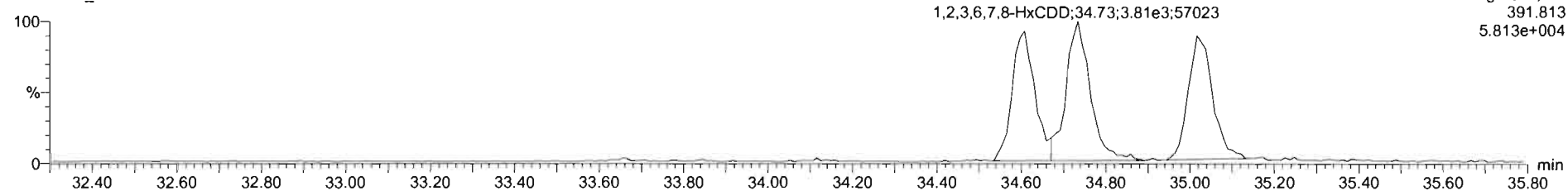
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1,2,3,4,7,8-HxCDD

210414R1_1

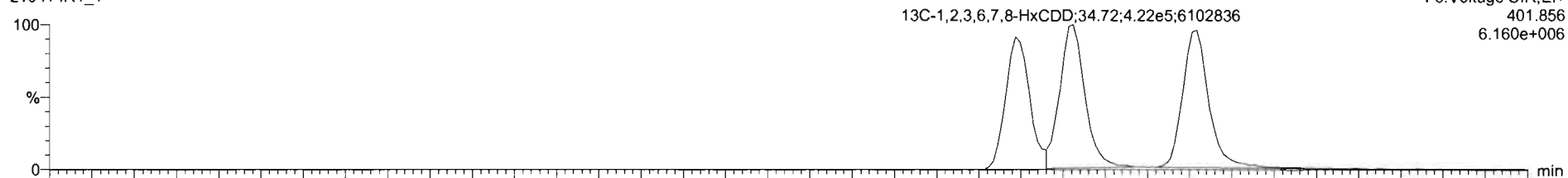


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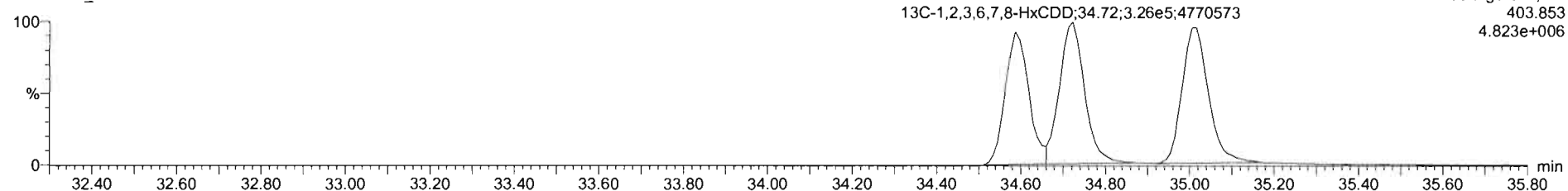


13C-1,2,3,4,7,8-HxCDD

210414R1_1



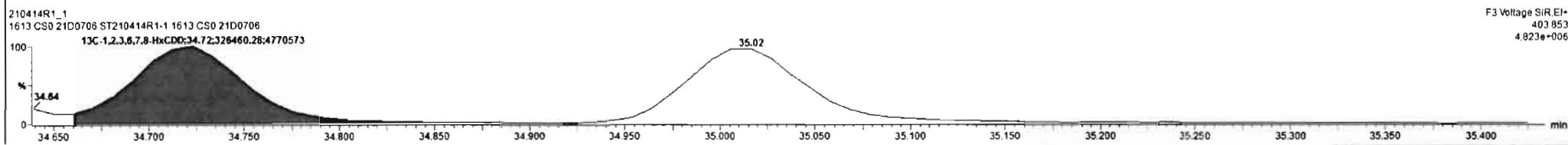
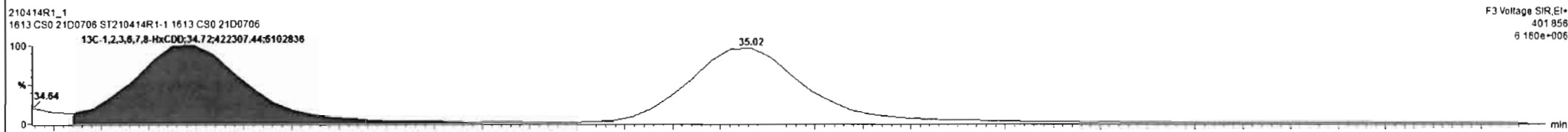
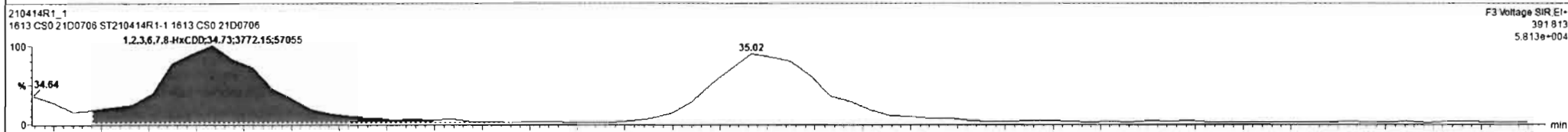
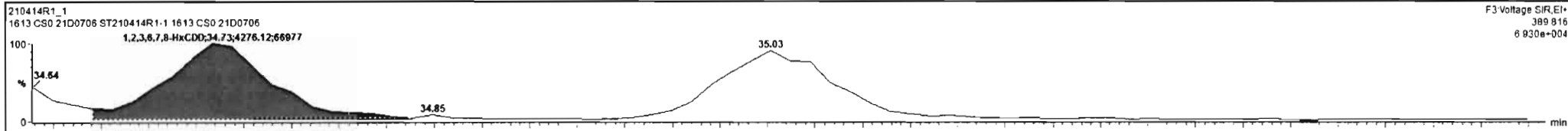
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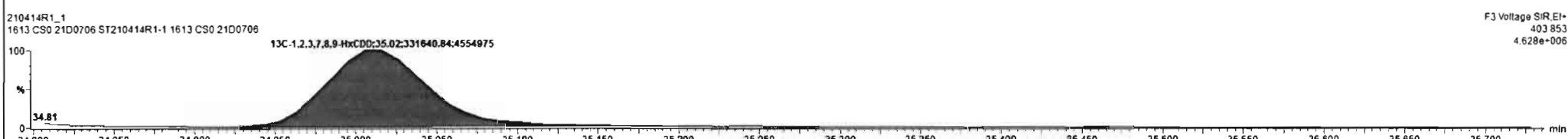
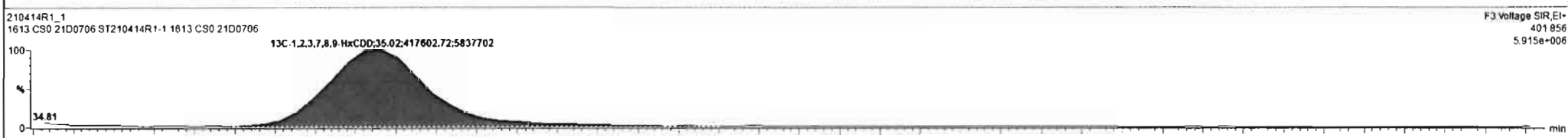
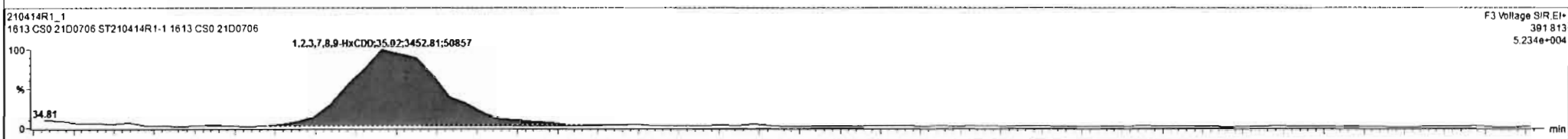
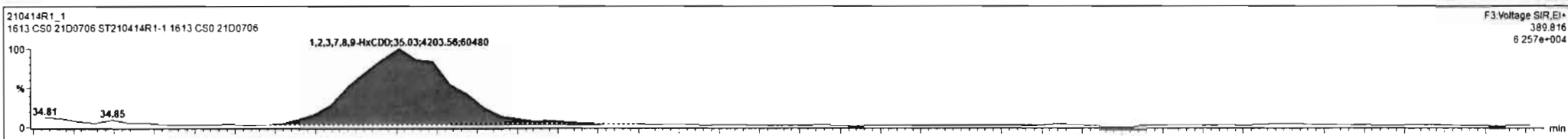
TargetLyx - 210414R1_CRV.qtd - Chromatogram

210414R1_1 ST210414R1-1 1613 CS0 21D0706 1613 CS0 21D0706

#	Name	RT	RA	y/n	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	28.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.872	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.9453e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.31	1.021	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.858	NO	1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.790	NO	3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	1,2,3,4,7,8-PeCDF	31.09	1.483	NO	1.6862e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	6.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.76	0.936	0.0727
13	1,2,3,4,8,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.6242e5	1.250	-8.5	6.41	0.973	0.0818



#	Name	RT	RA	Y/N	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3105e6	0.250	-7.8	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.81	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-8.5	8.96	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	36.31	1.021	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.858	NO	1.1058e4	1.0906e6	2.500	-4.9	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.790	NO	3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.09	1.483	NO	1.8882e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.8242e5	1.250	-8.5	8.41	0.973	0.0818



Dataset: Untitled

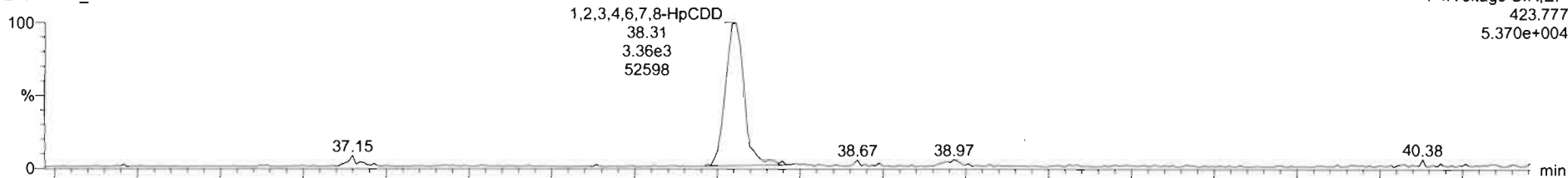
Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time

Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

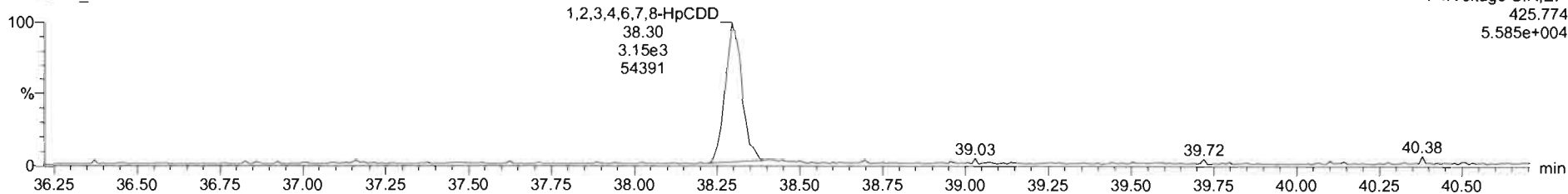
Name: 210414R1_1, Date: 14-Apr-2021, Time: 09:44:53, ID: ST210414R1-1 1613 CS0 21D0706, Description: 1613 CS0 21D0706

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

210414R1_1

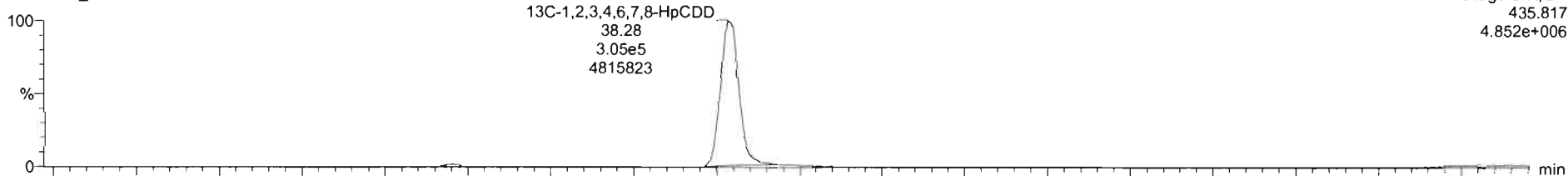


210414R1_1

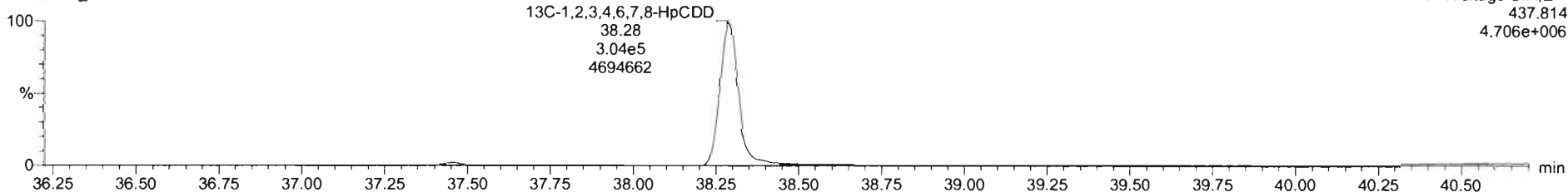


13C-1,2,3,4,6,7,8-HpCDD

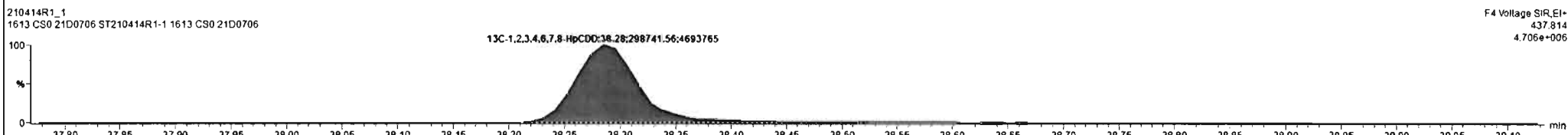
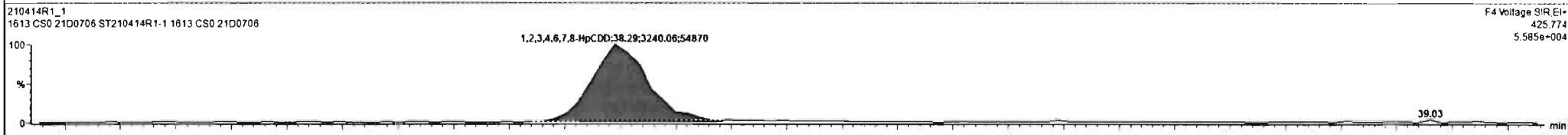
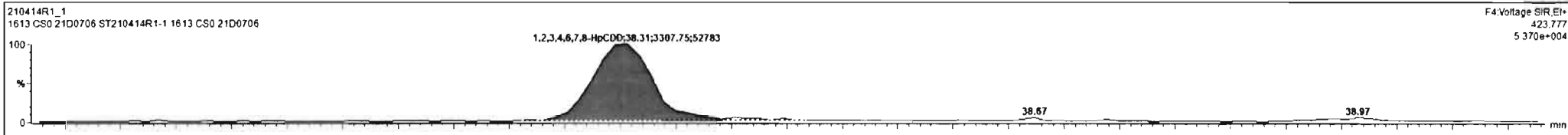
210414R1_1



210414R1_1



Sl	Name	RT	RA	Y/N	Area	S Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0629
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.31	1.821	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.856	NO	1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.790	NO	3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.1395e4	1.1567e6	1.250	-9.9	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.09	1.463	NO	1.6862e4	1.4573e6	1.250	-3.6	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.76	0.936	0.0727
13	1,2,3,4,6,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.6242e5	1.250	-8.5	8.41	0.973	0.0818



Regdb. 210414R1_1 CAP NUM

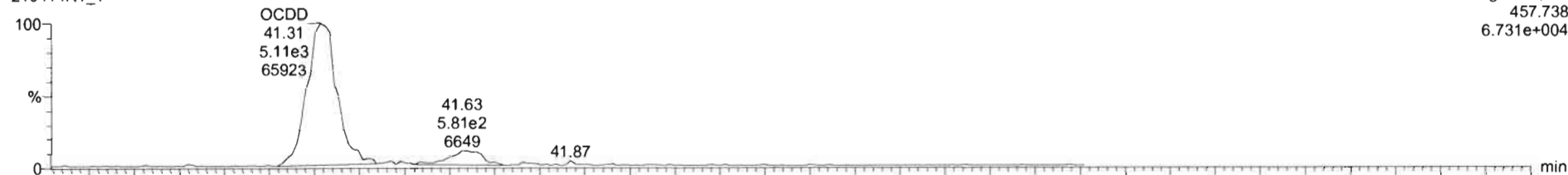
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

Name: 210414R1_1, Date: 14-Apr-2021, Time: 09:44:53, ID: ST210414R1-1 1613 CS0 21D0706, Description: 1613 CS0 21D0706

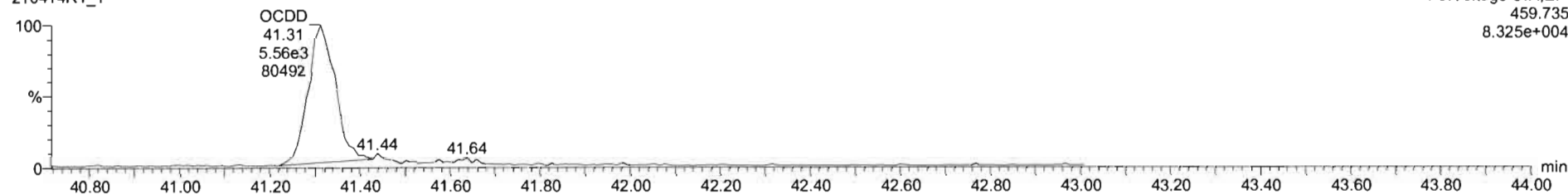
OCDD

210414R1_1



F5:Voltage SIR,EI+
457.738
6.731e+004

210414R1_1



F5:Voltage SIR,EI+
459.735
8.325e+004

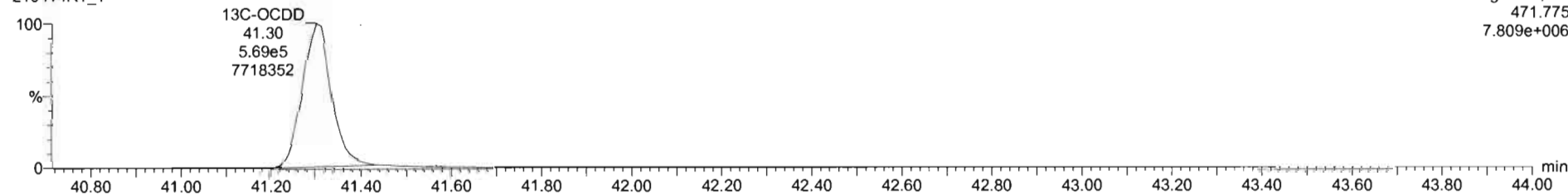
13C-OCDD

210414R1_1



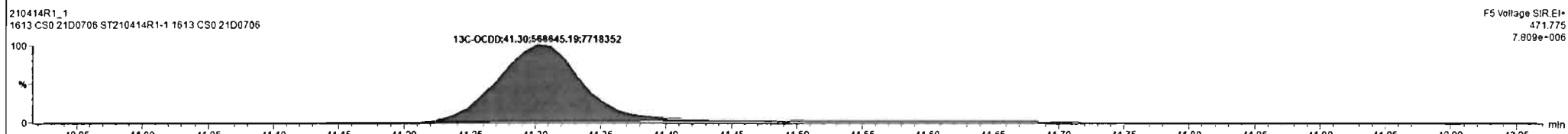
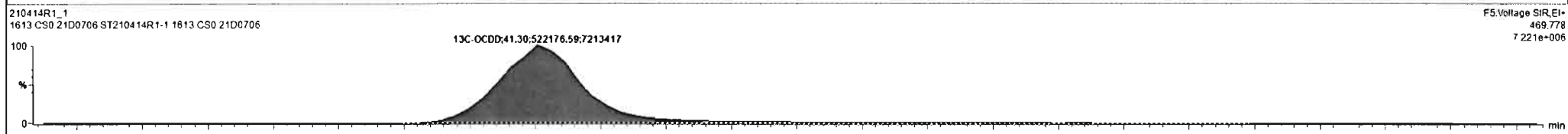
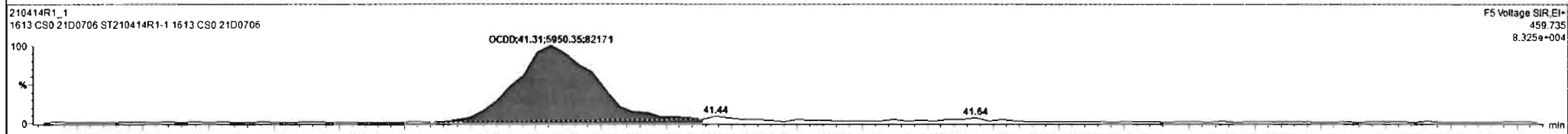
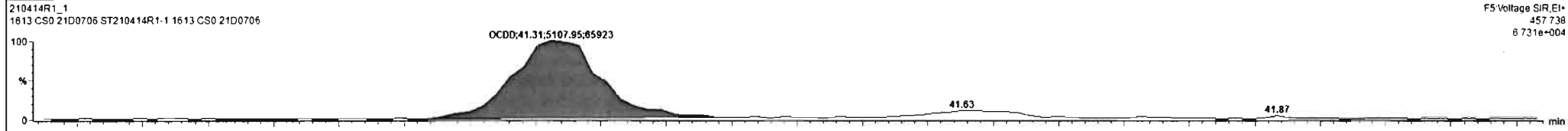
F5:Voltage SIR,EI+
469.778
7.221e+006

210414R1_1



F5:Voltage SIR,EI+
471.775
7.809e+006

Y	Name	RT	RA	yH	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.31	1.021	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.958	NO	1.1058e4	1.0908e5	2.500	-4.9	7.48	0.852	0.0638
8	1,2,3,7,8-TCDF	26.35	0.790	NO	3.8600e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	1,2,3,4,7,8-PeCDF	31.09	1.483	NO	1.6862e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.78	0.936	0.0727
13	1,2,3,4,6,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.6242e5	1.250	-6.5	8.41	0.973	0.0818



Regdb. 210414R1_1 CAP NUM

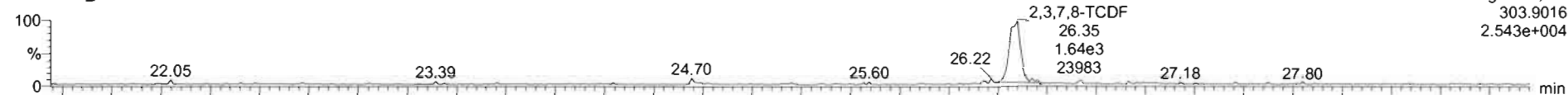
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

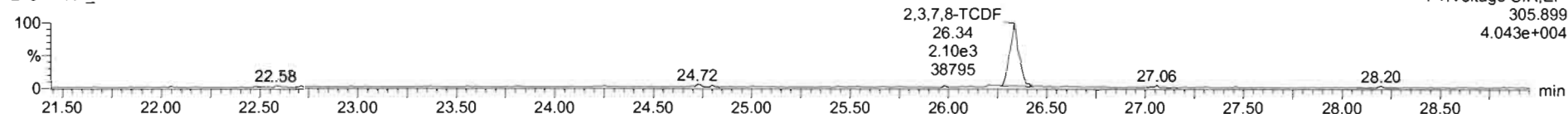
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2,3,7,8-TCDF

210414R1_1

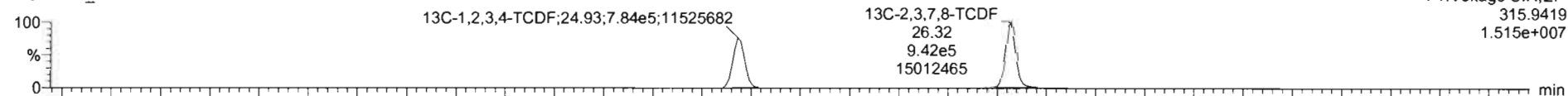


210414R1_1

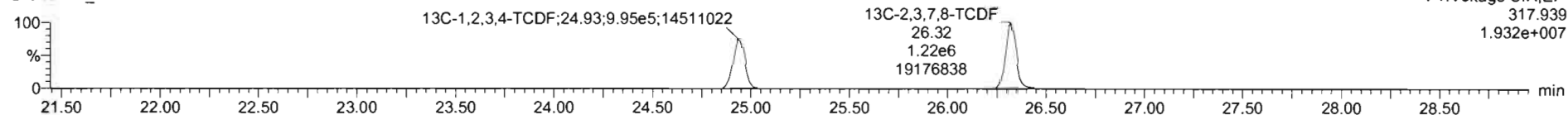


13C-2,3,7,8-TCDF

210414R1_1

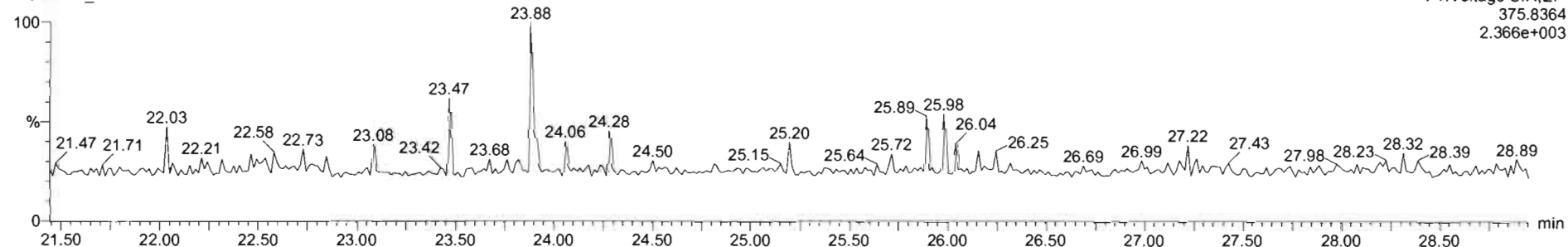


210414R1_1



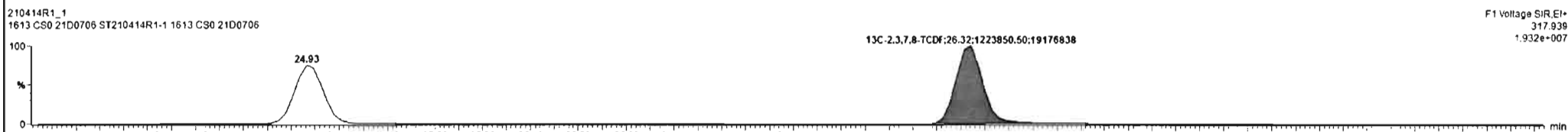
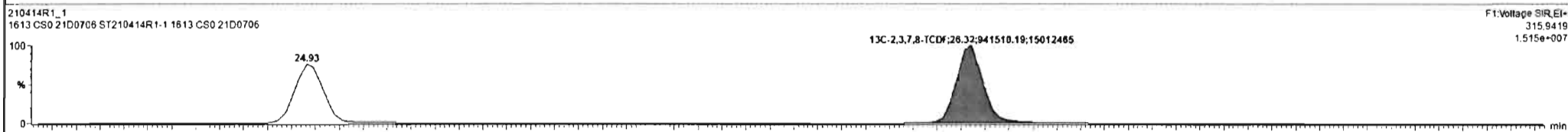
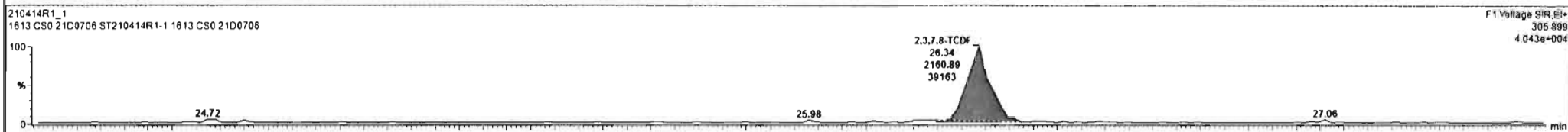
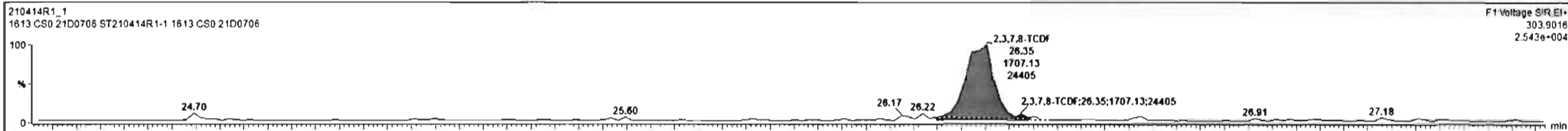
DPE1

210414R1_1



210414R1_1 - ST210414R1-1 1613 CS0 21D0706 1613 CS0 21D0706

#	Name	RT	RA	Y/N	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HxCDD	38.31	1.021	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.858	NO	1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.796	NO	3.9650e3	2.1654e6	0.250	-4.3	8.28	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.09	1.483	NO	1.6862e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.6242e5	1.250	-8.5	8.41	0.973	0.0818



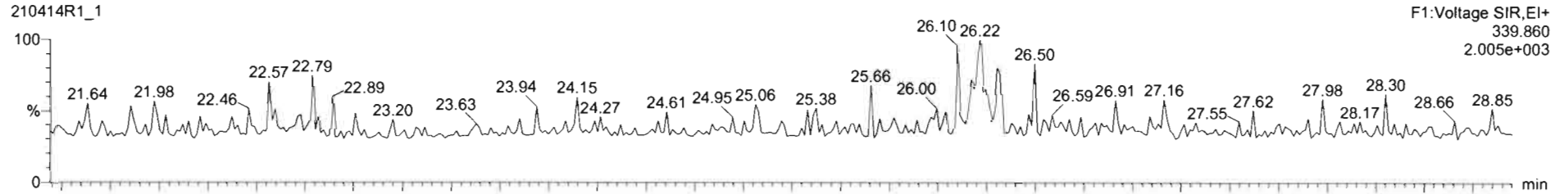
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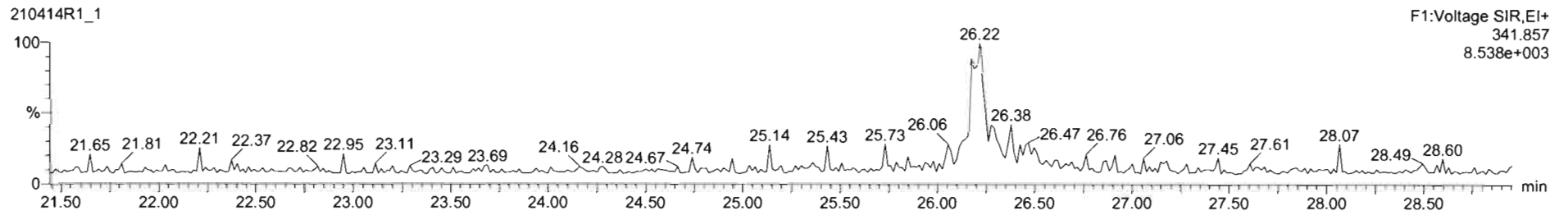
Name: 210414R1_1, Date: 14-Apr-2021, Time: 09:44:53, ID: ST210414R1-1 1613 CS0 21D0706, Description: 1613 CS0 21D0706

1st Func. Penta-Furans

210414R1_1

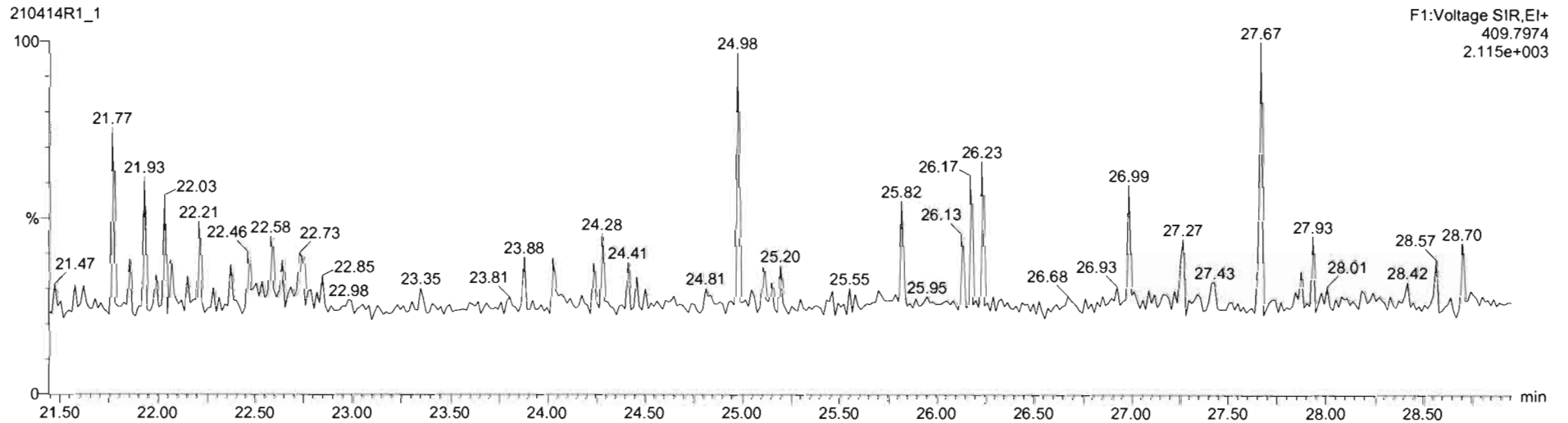


210414R1_1



DPE6

210414R1_1



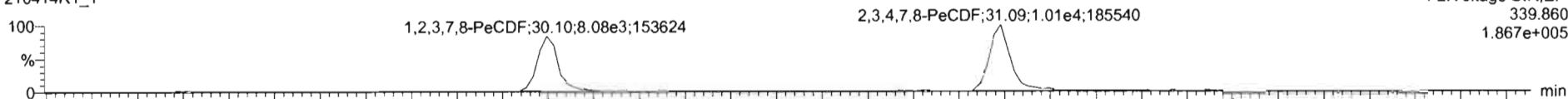
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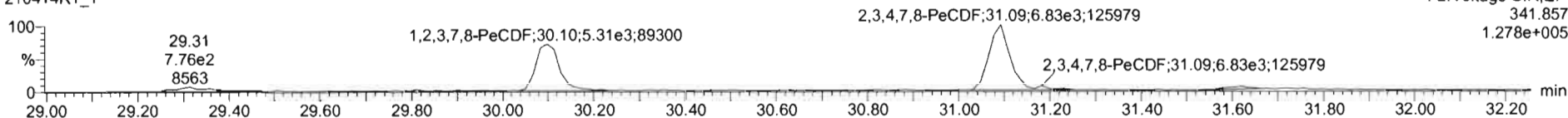
1,2,3,7,8-PeCDF

210414R1_1



F2:Voltage SIR,EI+
339.860
1.867e+005

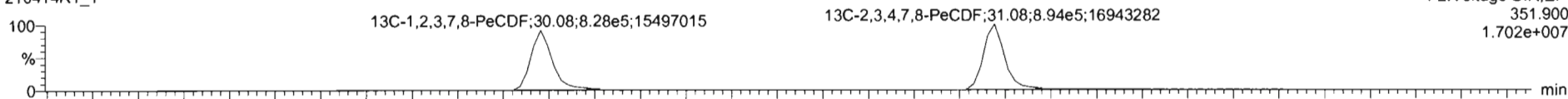
210414R1_1



F2:Voltage SIR,EI+
341.857
1.278e+005

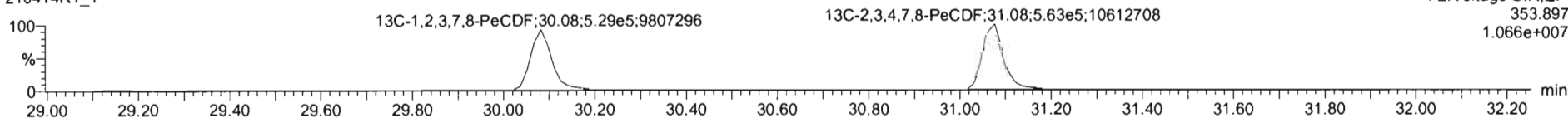
13C-1,2,3,7,8-PeCDF

210414R1_1



F2:Voltage SIR,EI+
351.900
1.702e+007

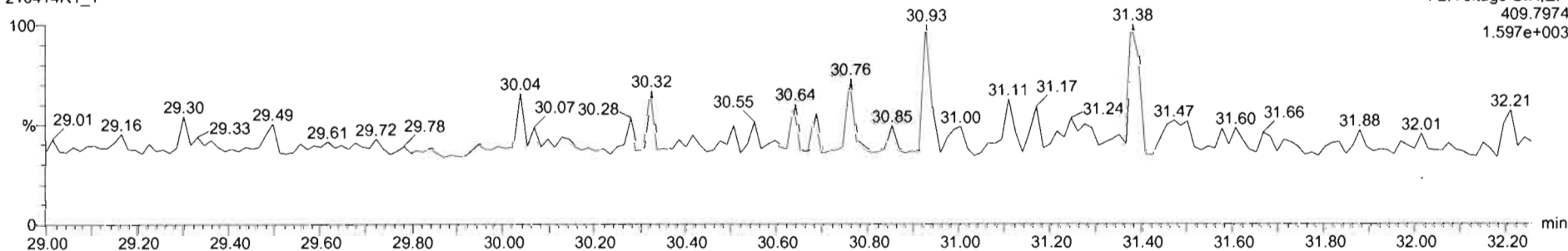
210414R1_1



F2:Voltage SIR,EI+
353.897
1.066e+007

DPE2

210414R1_1



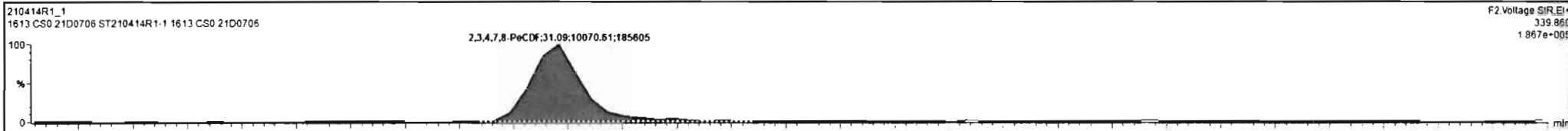
F2:Voltage SIR,EI+
409.7974
1.597e+003

TargetLynx - 210414R1_CRV.qtd - (Chromatogram)

File Edit View Display Processing Window Help

210414R1_1 - ST210414R1-1 1613 CS0 21D0706 - 1613 CS0 21D0706

#	RT	Name	RT	RA	Y/N	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
1	1	2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	8.93	0.929	0.0829
2	2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	8.87	0.972	0.0863
4	4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	6	1,2,3,4,6,7,8-HxCDD	38.31	1.021	NO	6.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	7	OCDD	41.31	0.858	NO	1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	8	2,3,7,8-TCDF	26.35	0.790	NO	3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	10	2,3,4,7,8-PeCDF	31.09	1.483	NO	1.8882e4	1.4573e6	1.250	-3.8	7.91	0.962	0.0675
11	11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.76	0.936	0.0727
13	13	2,3,4,6,7,8-HxCDF	34.50	1.224	NO	9.5902e3	8.6242e5	1.250	-8.5	8.41	0.973	0.0818



Regdx

210414R1_1

CAP NUM

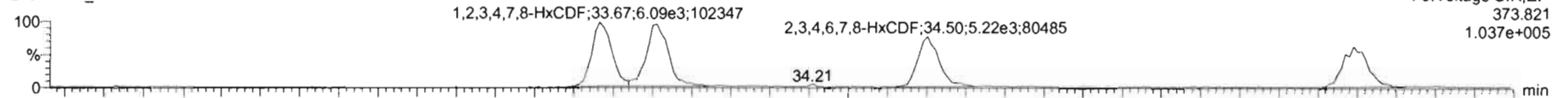
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

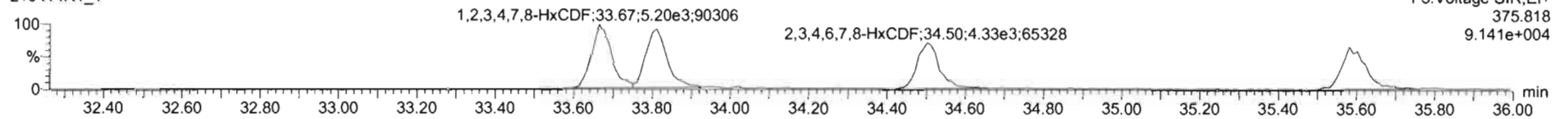
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1,2,3,4,7,8-HxCDF

210414R1_1

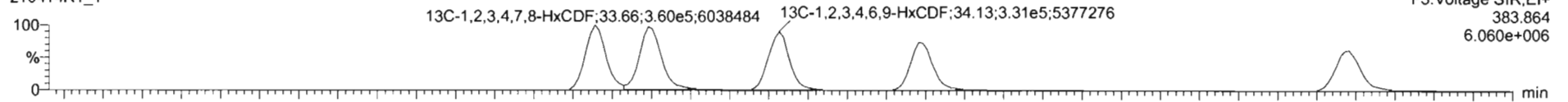


210414R1_1

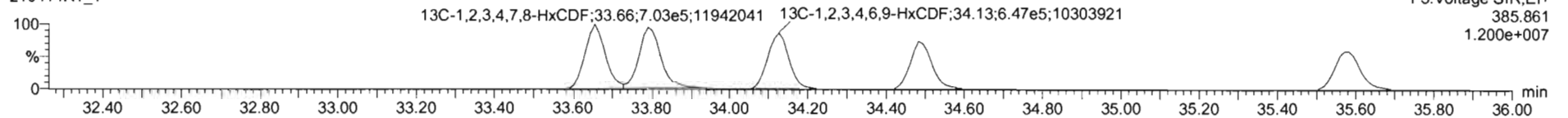


13C-1,2,3,4,7,8-HxCDF

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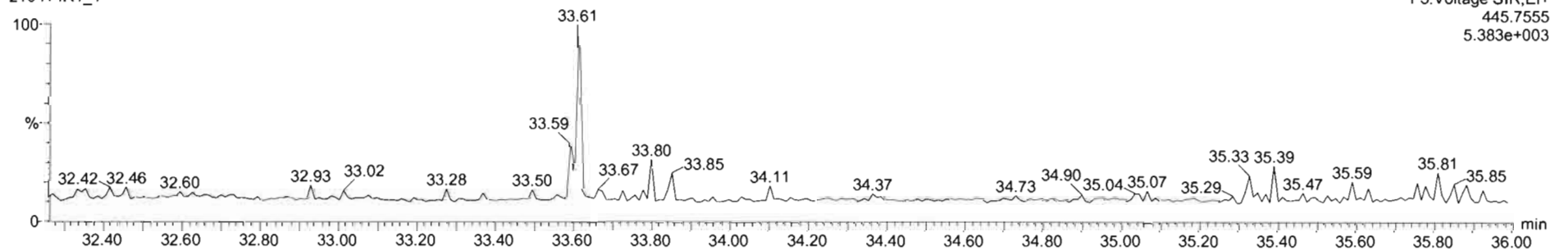


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DPE3

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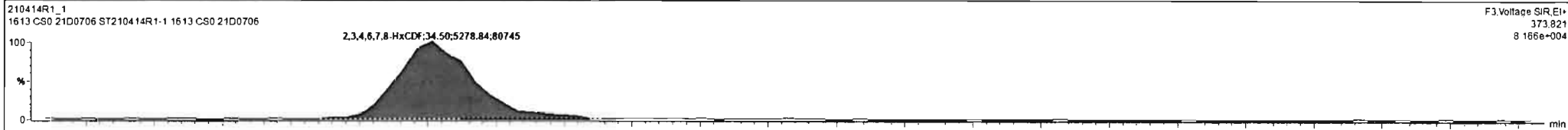


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File Edit View Display Processing Window Help

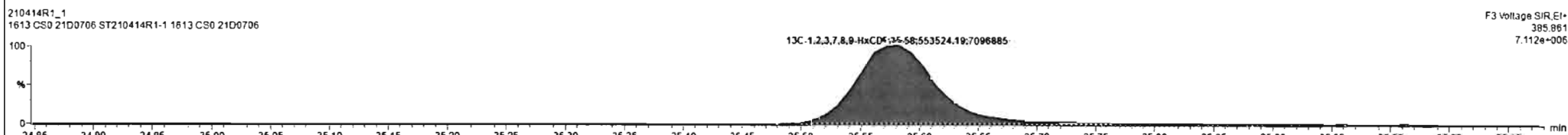
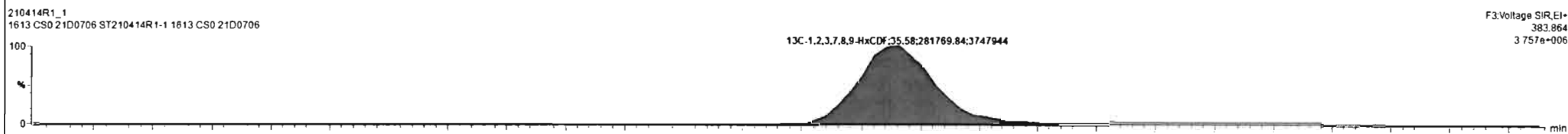
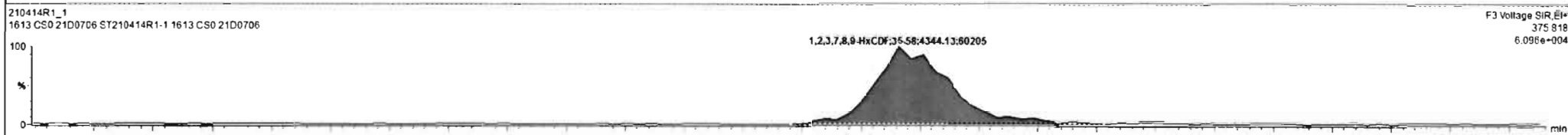
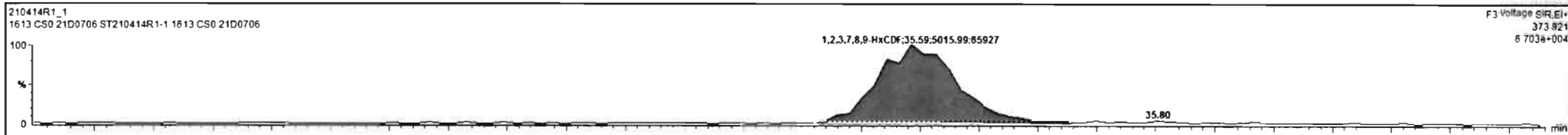
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#	Name	RT	RA	Y/N	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
1	2,3,7,8-TCDD	26.94	0.693	NO	2.8075e3	1.3106e6	0.250	-7.8	6.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.677	NO	1.0318e4	1.0270e6	1.250	-2.7	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.61	1.233	NO	7.3941e3	6.5523e5	1.250	-7.2	6.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.73	1.134	NO	8.0483e3	7.4877e5	1.250	-2.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.03	1.217	NO	7.6564e3	7.4924e5	1.250	-6.5	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.31	1.021	NO	8.5478e3	6.0817e5	1.250	-4.2	7.53	0.899	0.0677
7	OCDD	41.31	0.858	NO	1.1058e4	1.0908e6	2.500	-4.9	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.790	NO	3.8680e3	2.1654e6	0.250	-4.3	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.10	1.521	NO	1.3395e4	1.3567e6	1.250	-9.9	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.09	1.483	NO	1.6882e4	1.4573e6	1.250	-3.8	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.67	1.172	NO	1.1296e4	1.0627e6	1.250	-7.6	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.81	1.248	NO	1.1920e4	1.1097e6	1.250	-8.2	7.78	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.50	1.224	NO	8.5902e3	6.6249e5	1.250	-8.5	8.41	0.973	0.0818



Repxd 210414R1_1 CAP NUM

#	Name	RT	RA	ym	Area	IS Area	Std Conc	NDev	N/RSD	RRF M	RRF SD
14	1,2,3,7,8,9-HxCDF	35.59	1.156	NO	9.3601e3	8.3529e5	1.259	-4.6	8.34	0.940	0.0784
15	1,2,3,4,6,7,8-HpCDF	37.17	1.018	NO	7.3127e3	6.0094e5	1.250	-7.1	8.33	1.05	0.0873
16	1,2,3,4,7,8,9-HpCDF	38.95	0.919	NO	6.4893e3	5.3180e5	1.250	-6.6	8.40	1.05	0.0879
17	OCDF	41.65	0.893	NO	1.2322e4	1.3632e6	2.500	-6.2	7.94	0.771	0.0612
18	13C-2,3,7,8-TCDD	26.91	0.781	NO	1.3106e6	1.3704e6	100.000	-13.4	8.43	1.10	0.0930
19	13C-1,2,3,7,8-PeCDD	31.24	0.636	NO	1.0270e6	1.3704e6	100.000	-13.2	10.5	0.864	0.0903
20	13C-1,2,3,4,7,8-HxCDD	34.59	1.283	NO	6.5523e5	9.7746e5	100.000	-10.2	8.73	0.746	0.0651
21	13C-1,2,3,6,7,8-HxCDD	34.72	1.294	NO	7.4877e5	9.7746e5	100.000	-9.5	9.12	0.847	0.0773
22	13C-1,2,3,7,8,9-HxCDD	35.02	1.259	NO	7.4924e5	9.7746e5	100.000	-11.7	8.65	0.868	0.0751
23	13C-1,2,3,4,6,7,8-HpCDD	38.28	1.036	NO	6.0817e5	9.7746e5	100.000	-6.3	10.1	0.664	0.0671
24	13C-OCDD	41.30	0.918	NO	1.0908e6	9.7746e5	200.000	-0.5	9.52	0.561	0.0534
25	13C-2,3,7,8-TCDF	26.32	0.769	NO	2.1654e6	1.7790e6	100.000	11.3	5.78	1.09	0.0632
26	13C-1,2,3,7,8-PeCDF	30.08	1.585	NO	1.3567e6	1.7790e6	100.000	-5.8	6.47	0.809	0.0524



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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

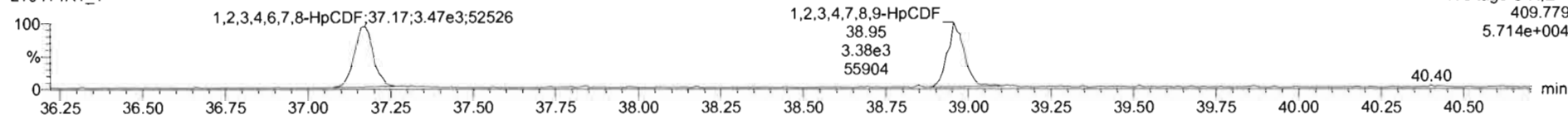
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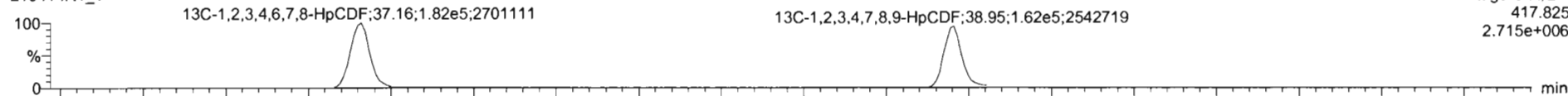


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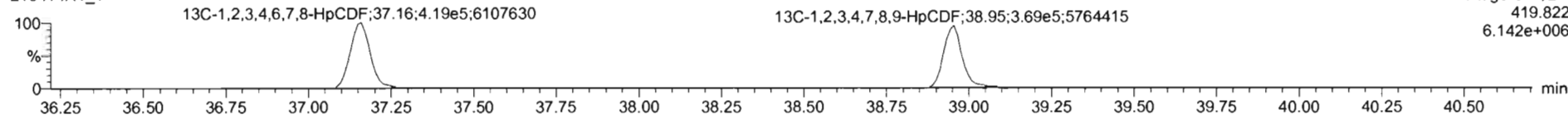


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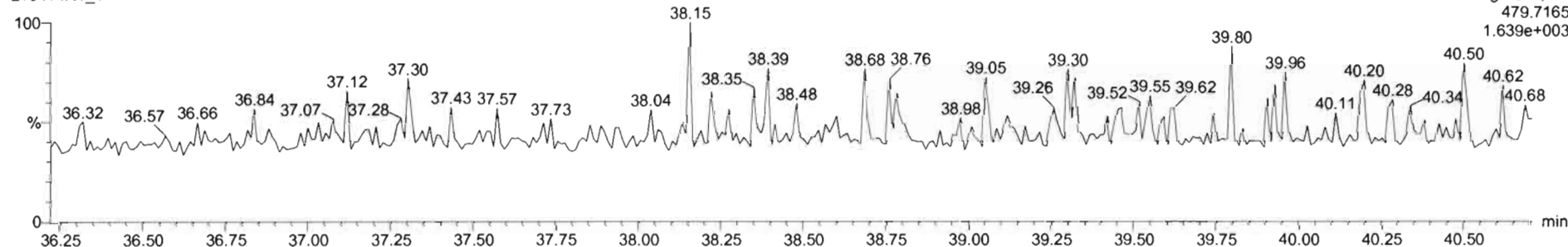


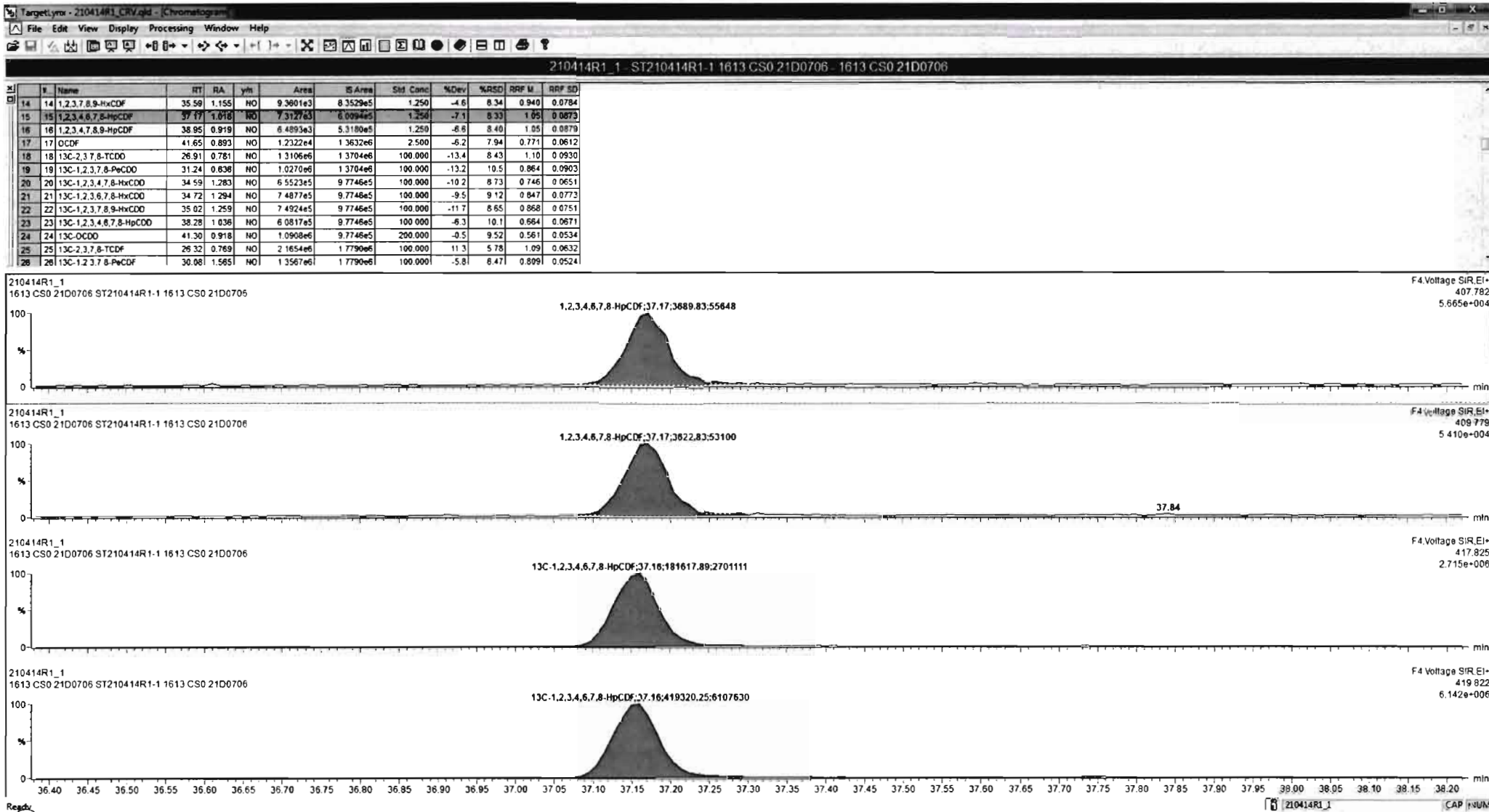
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DPE4

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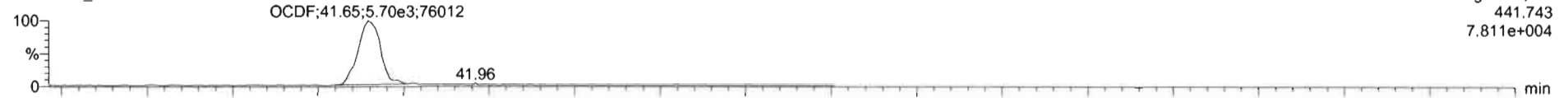
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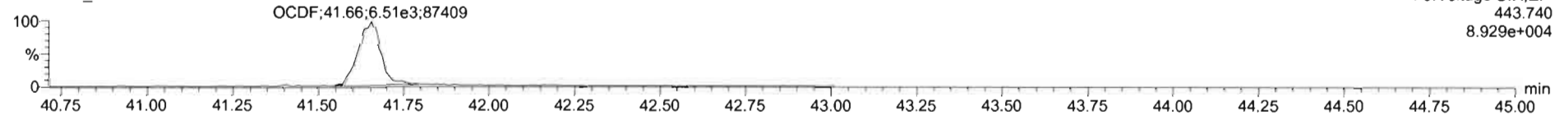
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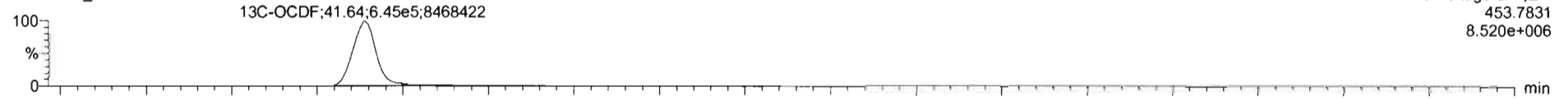


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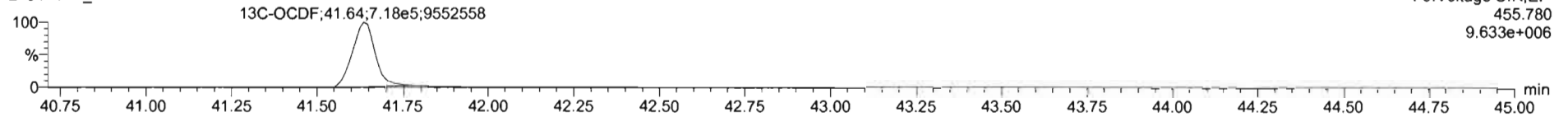


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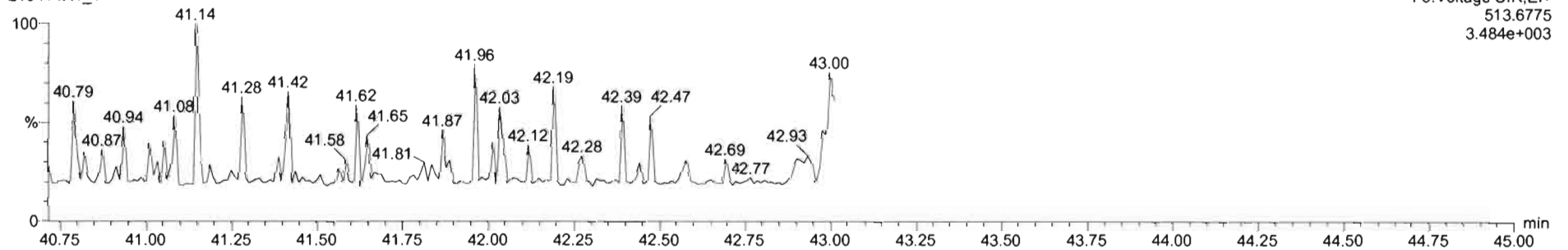


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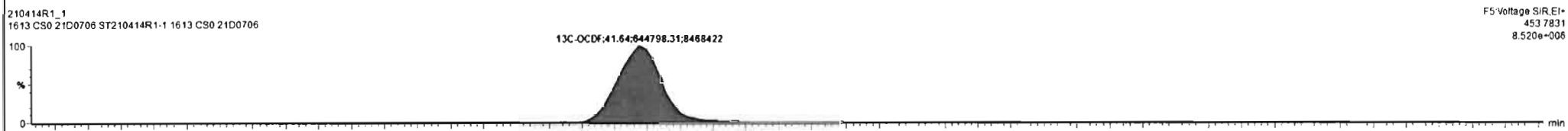
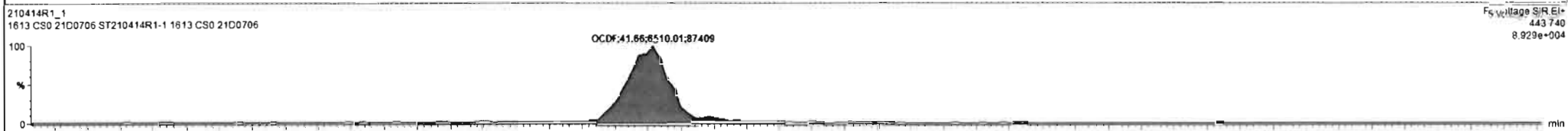
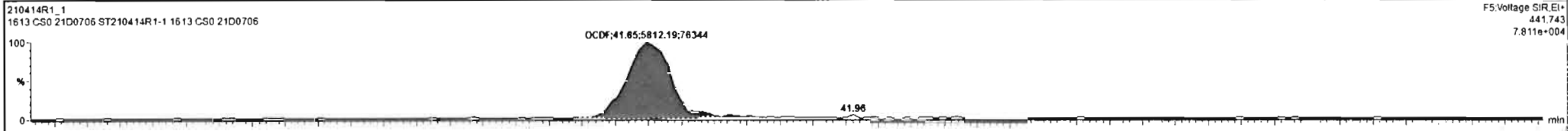


DPE5

210414R1_1



#	Name	RT	SA	y/n	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
14	1,2,3,7,8,9-HxCDF	35.59	1.155	NO	8.9601e3	8.3529e5	1.250	-4.6	8.34	0.940	0.0784
15	1,2,3,4,6,7,8-HpCDF	37.17	1.018	NO	7.3127e3	6.0094e5	1.250	-7.1	8.33	1.05	0.0873
16	1,2,3,4,7,8,9-HpCDF	38.95	0.919	NO	6.4893e3	5.3180e5	1.250	-6.6	8.40	1.05	0.0879
17	OCDF	41.65	0.880	NO	1.2322e4	1.3632e6	2.500	-6.2	7.94	0.771	0.0612
18	13C-2,3,7,8-TCDD	26.91	0.781	NO	1.3106e6	1.3704e6	100.000	-13.4	8.43	1.10	0.0930
19	13C-1,2,3,7,8-PeCDD	31.24	0.638	NO	1.0270e6	1.3704e6	100.000	-13.2	10.5	0.864	0.0903
20	13C-1,2,3,4,7,8-HxCDD	34.59	1.283	NO	6.5523e5	9.7746e5	100.000	-10.2	8.73	0.746	0.0651
21	13C-1,2,3,6,7,8-HxCDD	34.72	1.294	NO	7.4877e5	9.7746e5	100.000	-9.5	9.12	0.847	0.0773
22	13C-1,2,3,7,8,9-HxCDD	35.02	1.259	NO	7.4924e5	9.7746e5	100.000	-11.7	8.65	0.868	0.0751
23	13C-1,2,3,4,6,7,8-HpCDD	38.28	1.038	NO	6.0817e5	9.7746e5	100.000	-6.3	10.1	0.664	0.0671
24	13C-OCDD	41.30	0.918	NO	1.0908e6	9.7746e5	200.000	-0.5	9.52	0.561	0.0534
25	13C-2,3,7,8-TCDF	26.32	0.769	NO	2.1654e6	1.7790e6	100.000	11.3	5.78	1.09	0.0632
26	13C-1,2,3,7,8-PeCDF	30.08	1.565	NO	1.3567e6	1.7790e6	100.000	-5.8	6.47	0.809	0.0524



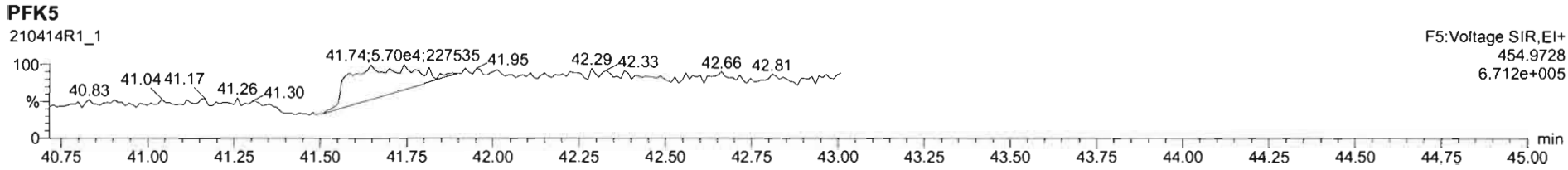
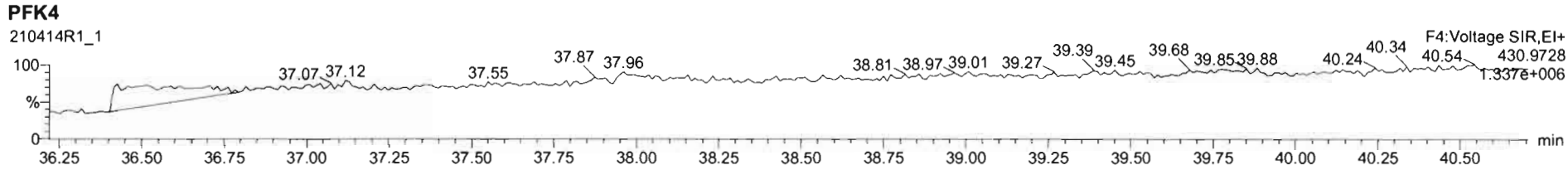
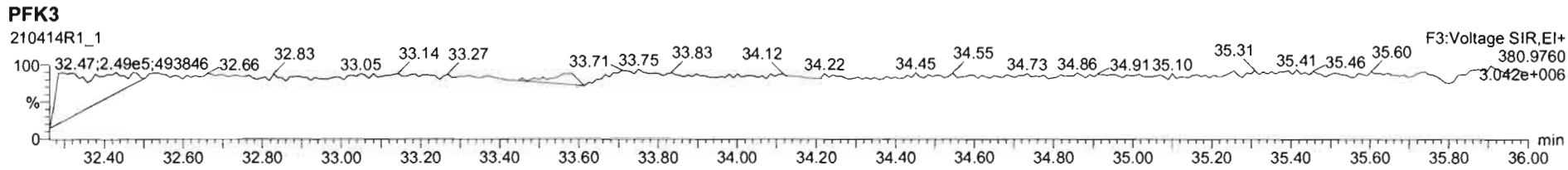
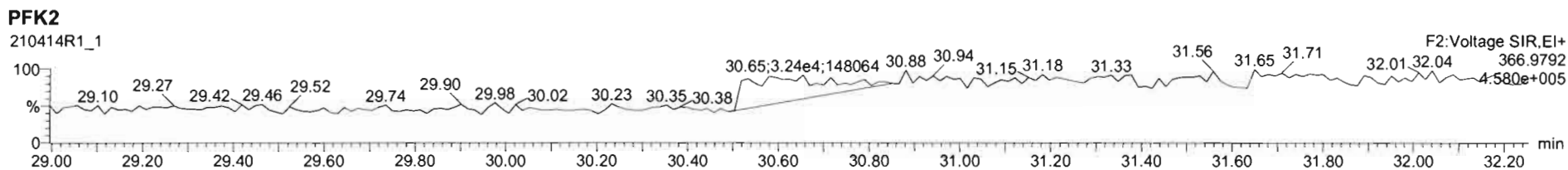
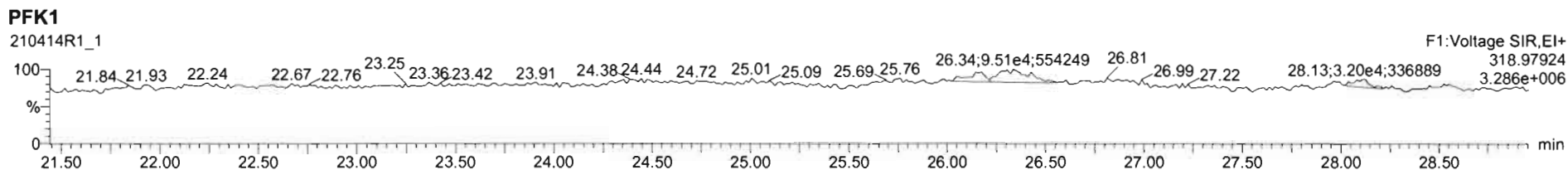
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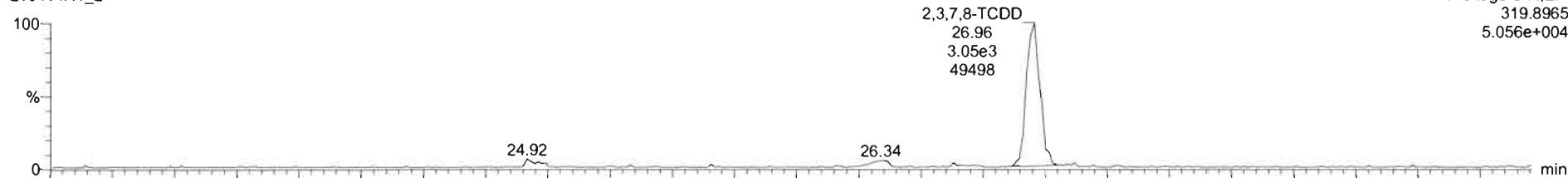
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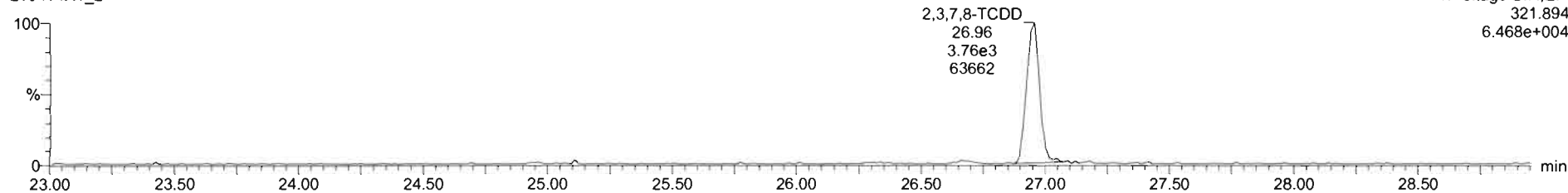
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2,3,7,8-TCDD

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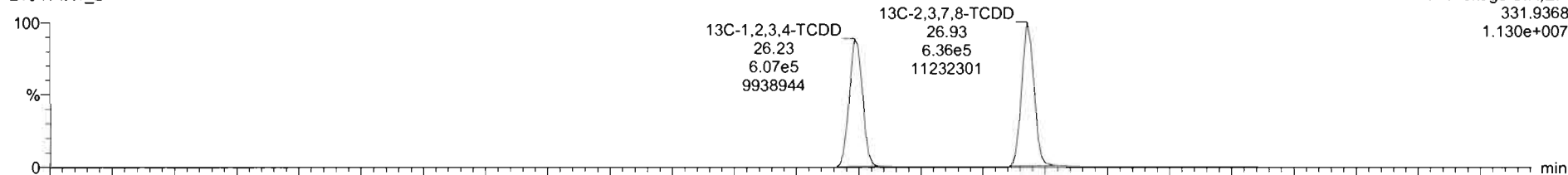


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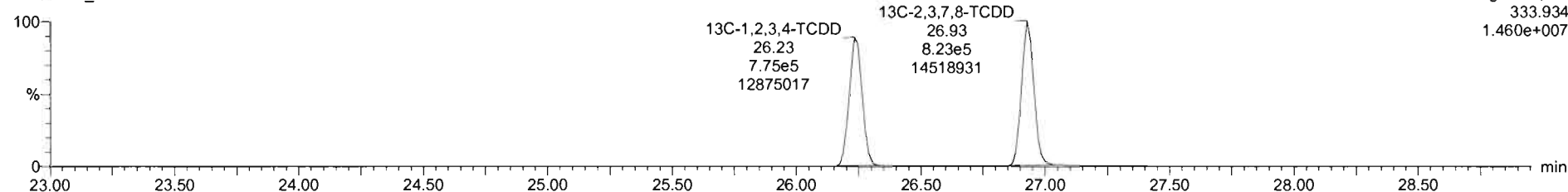


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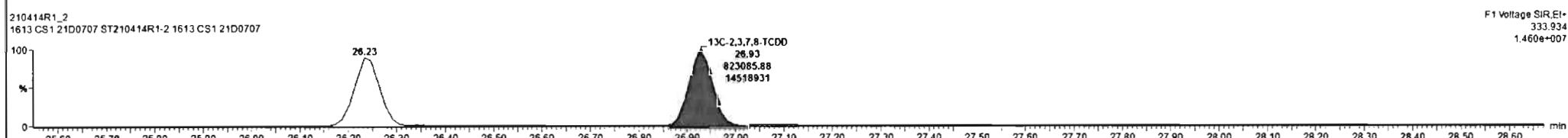
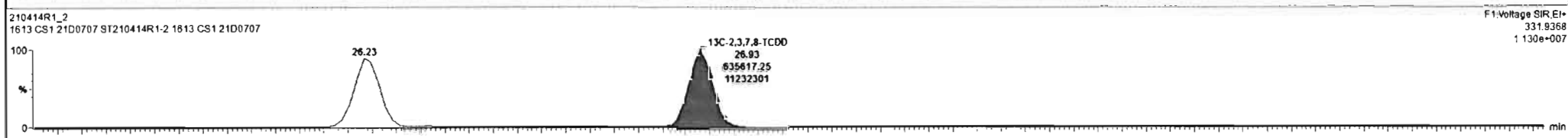
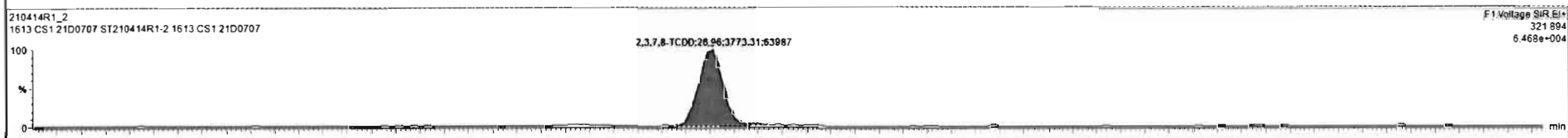
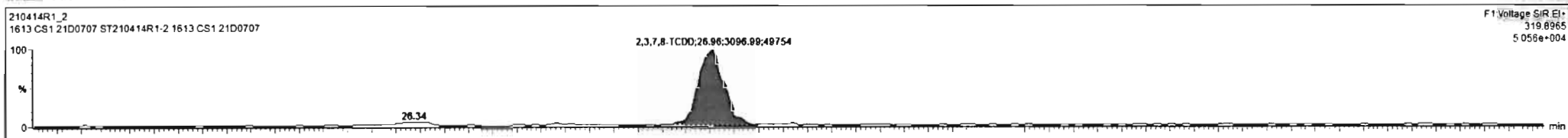
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210414R1_2



#	Name	RT	RA	Y/N	Area	IS Area	Std. Conc.	%Dev	NRSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.96	0.821	NO	6.8703e3	1.4587e6	0.500	1.4	8.93	0.929	0.0629
2	1,2,3,7,8-PeCDD	31.27	0.601	NO	2.3749e4	1.1607e6	2.500	-0.9	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.227	NO	1.6474e4	7.1077e5	2.500	-4.7	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.76	1.238	NO	1.7068e4	8.0285e5	2.500	-3.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.292	NO	1.8427e4	8.9031e5	2.500	-5.3	6.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	36.32	1.024	NO	1.7166e4	7.7045e5	2.500	-0.8	7.53	0.899	0.0677
7	OCDD	41.33	0.885	NO	2.5970e4	1.2727e6	5.000	-4.2	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.713	NO	7.3380e3	2.1336e6	0.500	-7.9	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.11	1.549	NO	3.3701e4	1.5774e6	2.500	-2.6	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.11	1.579	NO	3.6894e4	1.6094e6	2.500	-4.7	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.0641e6	2.500	-4.7	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	6.41	0.973	0.0818



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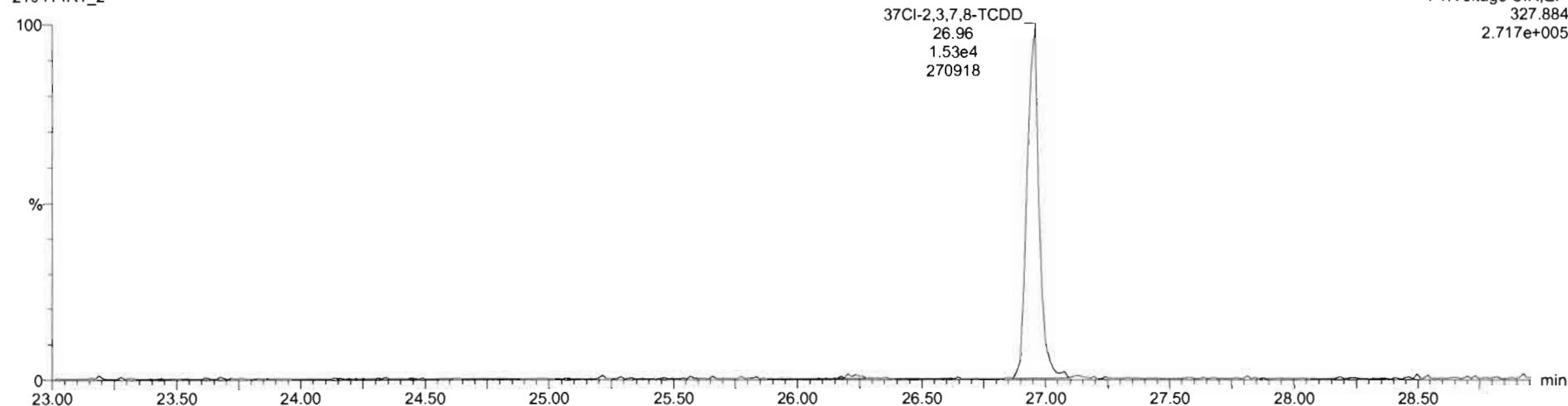
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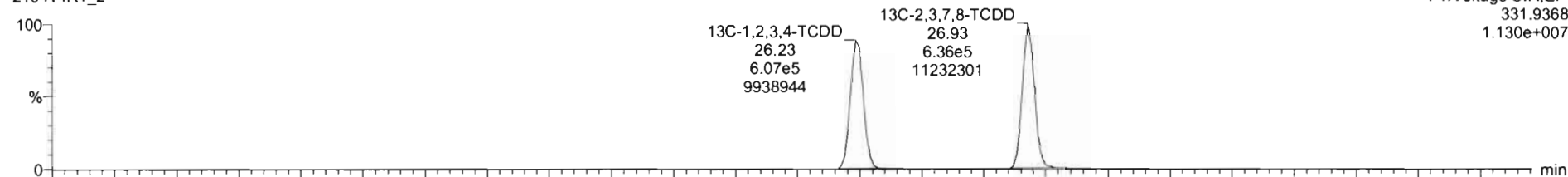
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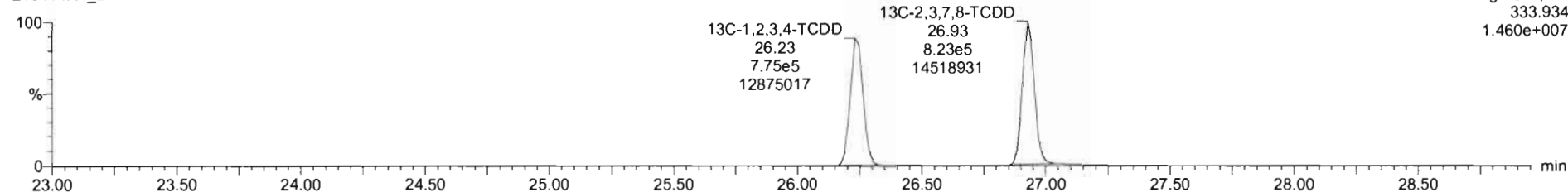


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210414R1_2



210414R1_2



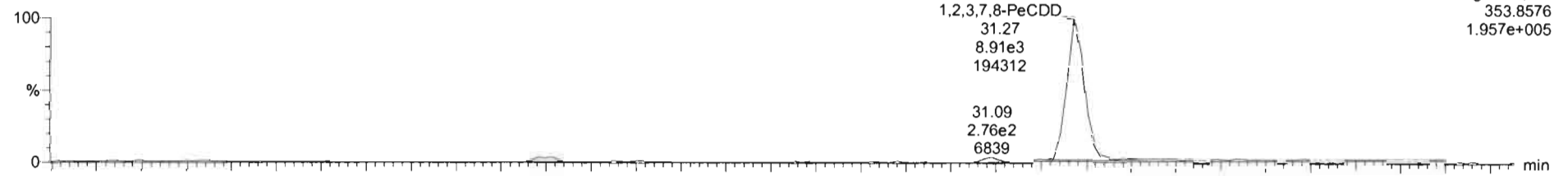
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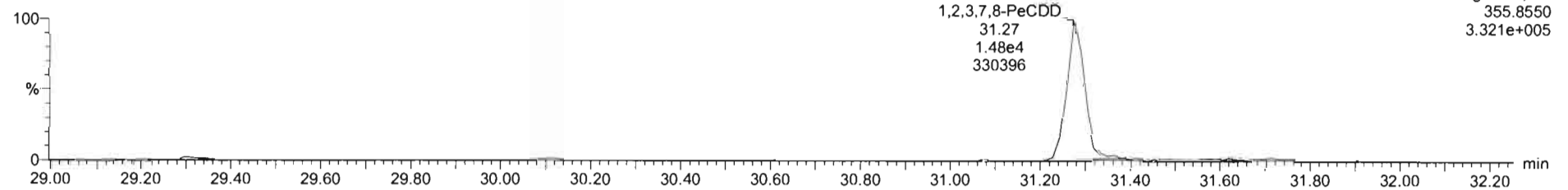
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1,2,3,7,8-PeCDD

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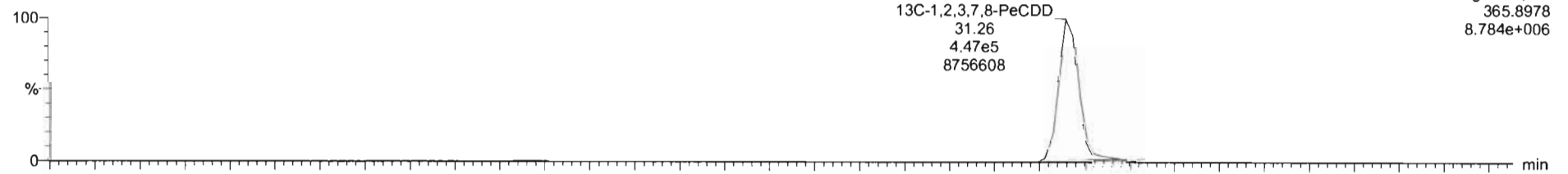


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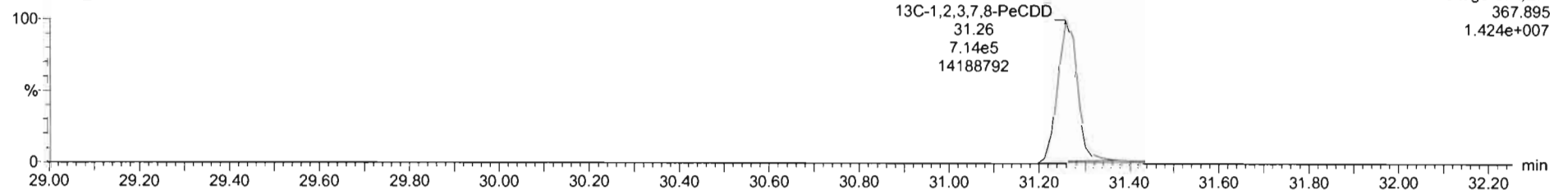


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210414R1_2



210414R1_2



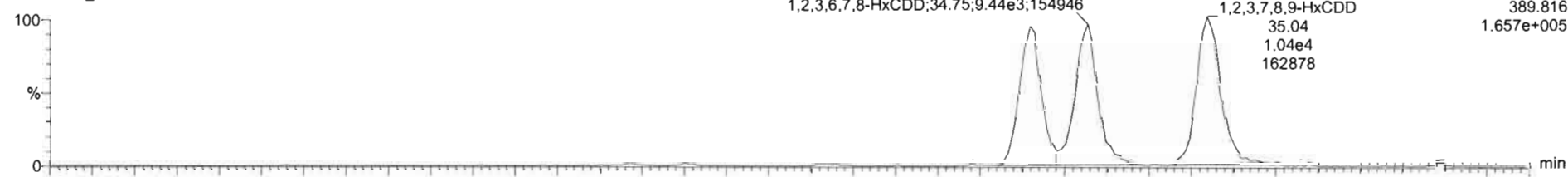
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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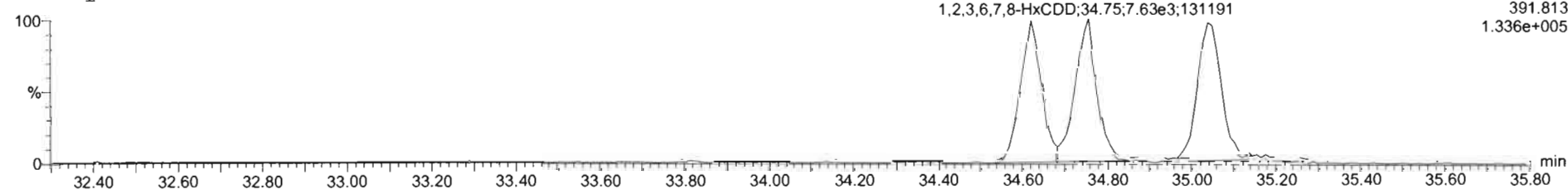
1,2,3,4,7,8-HxCDD

210414R1_2



F3:Voltage SIR,EI+
389.816
1.657e+005

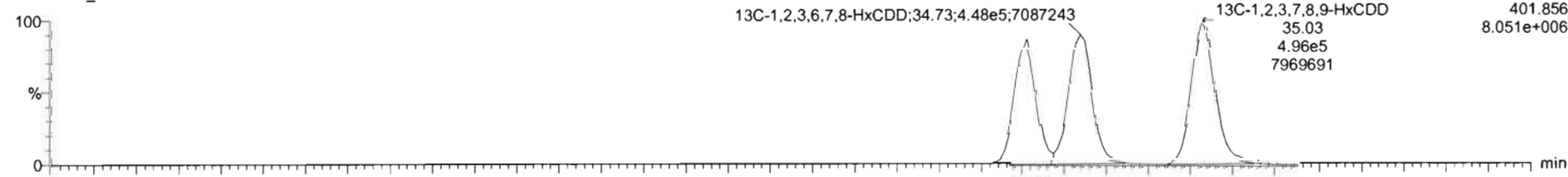
210414R1_2



F3:Voltage SIR,EI+
391.813
1.336e+005

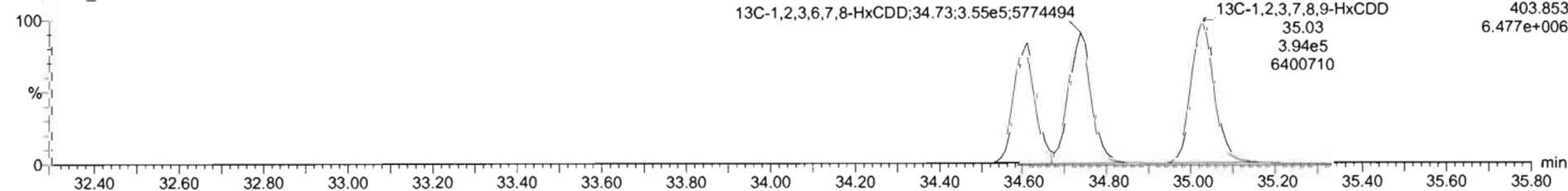
13C-1,2,3,4,7,8-HxCDD

210414R1_2



F3:Voltage SIR,EI+
401.856
8.051e+006

210414R1_2



F3:Voltage SIR,EI+
403.853
6.477e+006

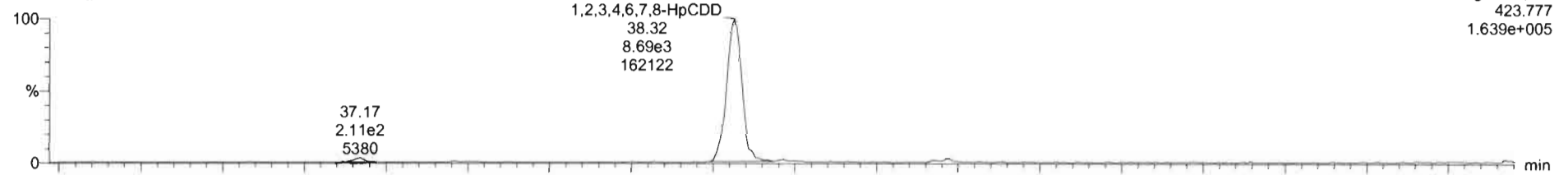
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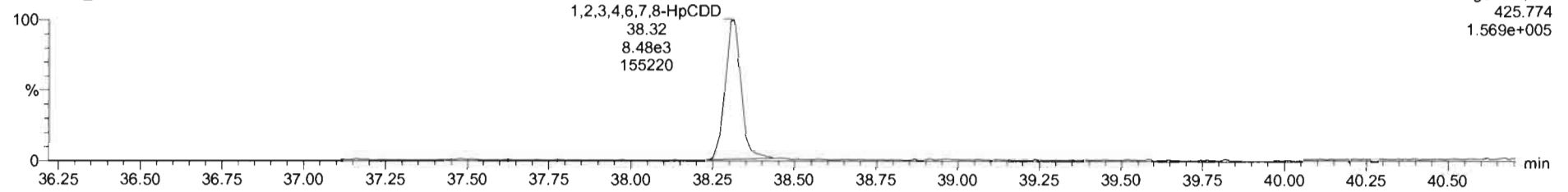
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1,2,3,4,6,7,8-HpCDD

210414R1_2

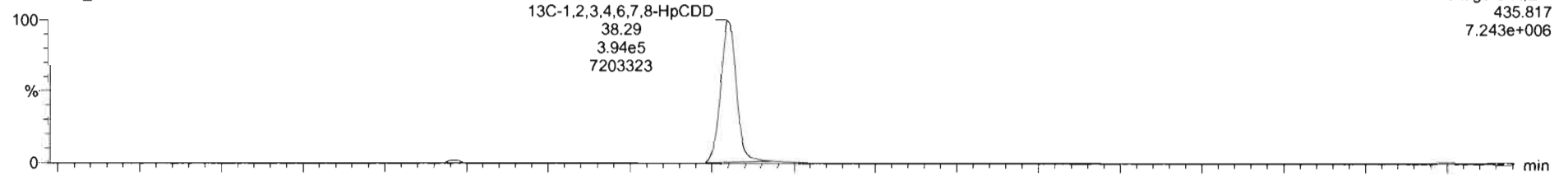


210414R1_2

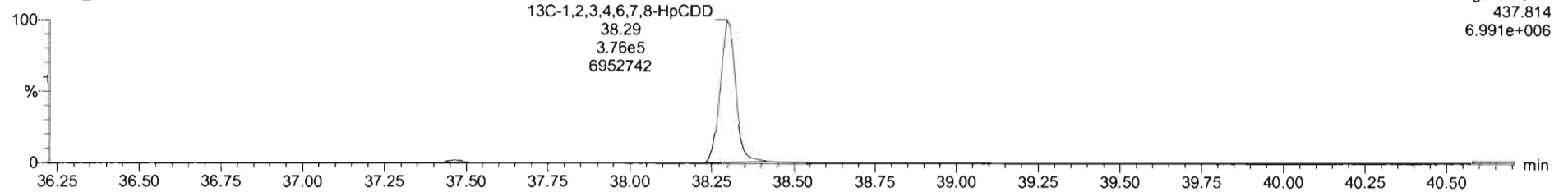


13C-1,2,3,4,6,7,8-HpCDD

210414R1_2



210414R1_2



Dataset: Untitled

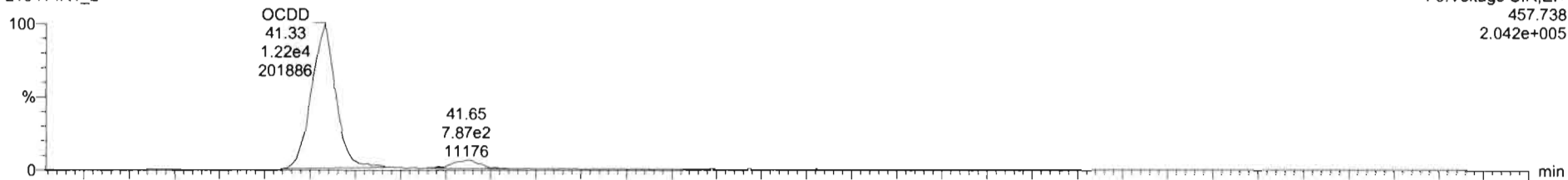
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OCDD

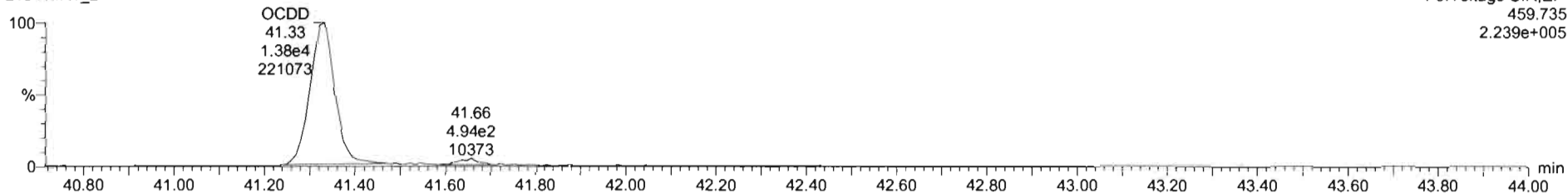
210414R1_2

F5:Voltage SIR,EI+
457.738
2.042e+005



210414R1_2

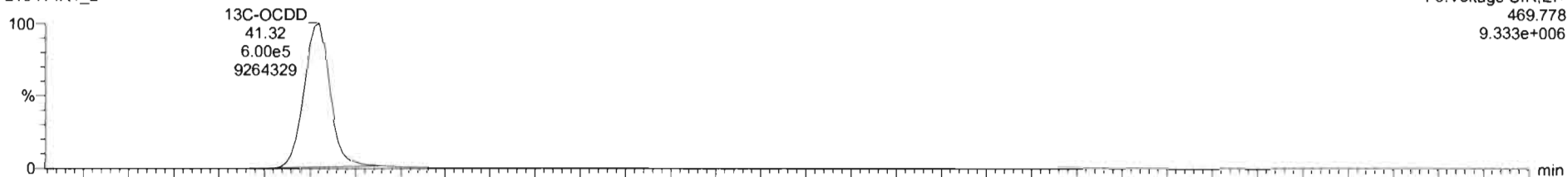
F5:Voltage SIR,EI+
459.735
2.239e+005



13C-OCDD

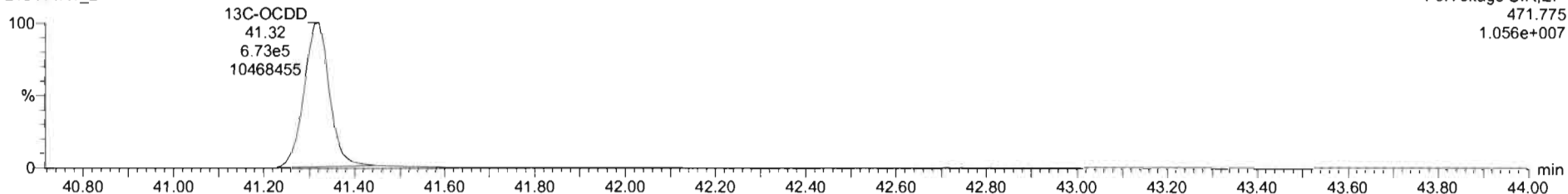
210414R1_2

F5:Voltage SIR,EI+
469.778
9.333e+006



210414R1_2

F5:Voltage SIR,EI+
471.775
1.056e+007



Dataset: Untitled

Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time
Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

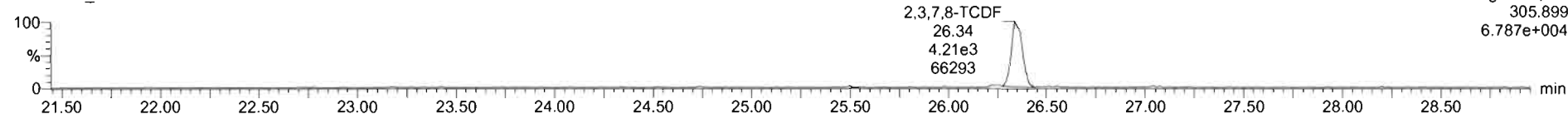
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2,3,7,8-TCDF

210414R1_2

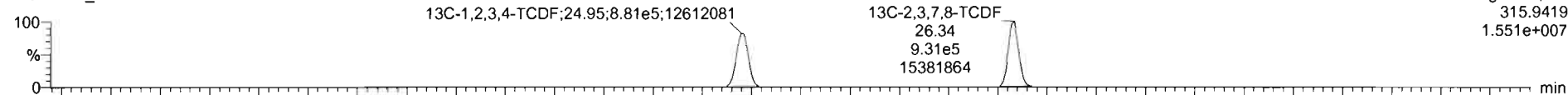


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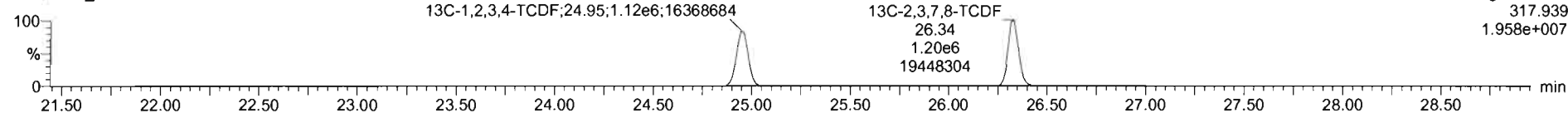


13C-2,3,7,8-TCDF

210414R1_2

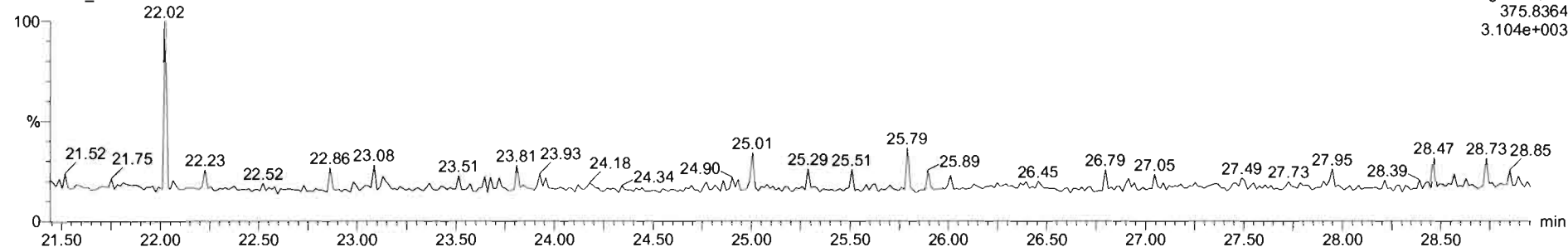


210414R1_2

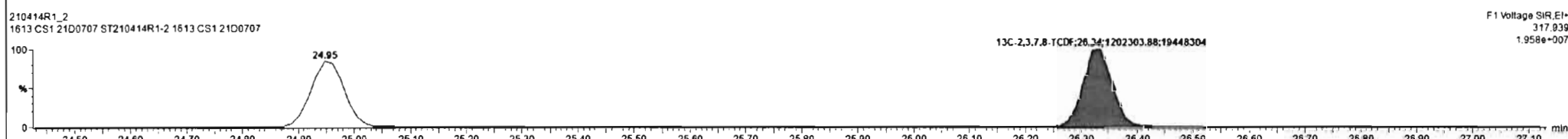
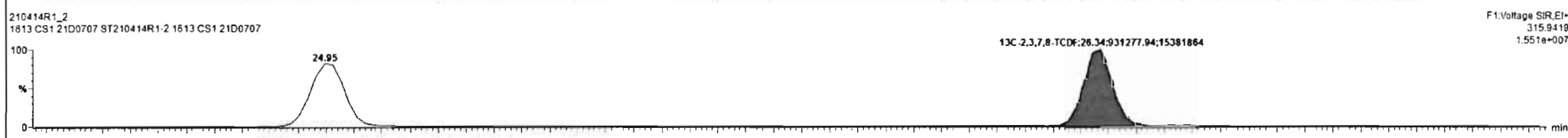


DPE1

210414R1_2



#	Name	RT	RA	y/n	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.96	0.821	NO	6.8703e3	1.4587e6	0.500	1.4	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.601	NO	2.3749e4	1.1607e6	2.500	-0.9	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.227	NO	1.6474e4	7.1077e5	2.500	-4.7	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.76	1.238	NO	1.7068e4	8.0285e5	2.500	-3.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.292	NO	1.8427e4	8.9031e5	2.500	-5.3	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.32	1.024	NO	1.7166e4	7.7045e5	2.500	-0.8	7.53	0.899	0.0677
7	OCDD	41.33	0.885	NO	2.5970e4	1.2727e6	5.000	-4.2	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.713	NO	7.3350e3	2.1336e6	0.500	-7.9	9.29	0.747	0.0893
9	1,2,3,7,8-PeCDF	30.11	1.549	NO	3.3701e4	1.5774e6	2.500	-2.6	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.11	1.579	NO	3.6894e4	1.6094e6	2.500	-4.7	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.0641e6	2.500	-4.7	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	8.41	0.973	0.0818



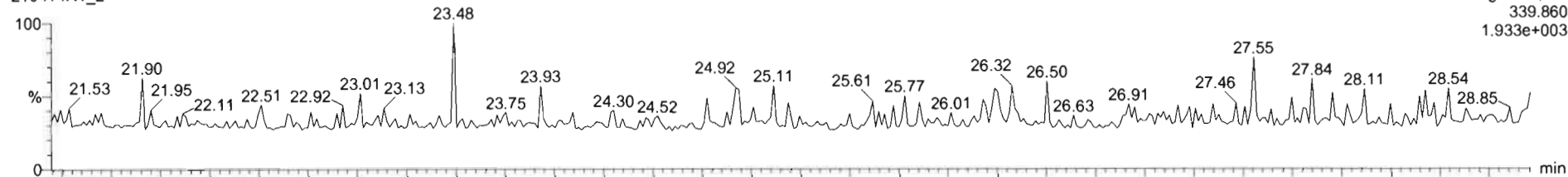
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Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time
Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

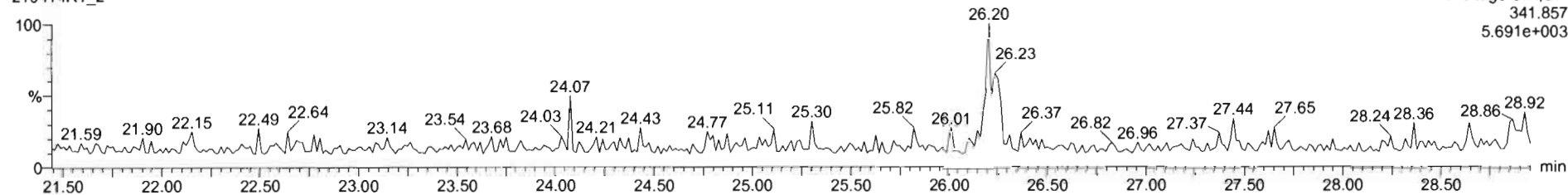
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1st Func. Penta-Furans

210414R1_2

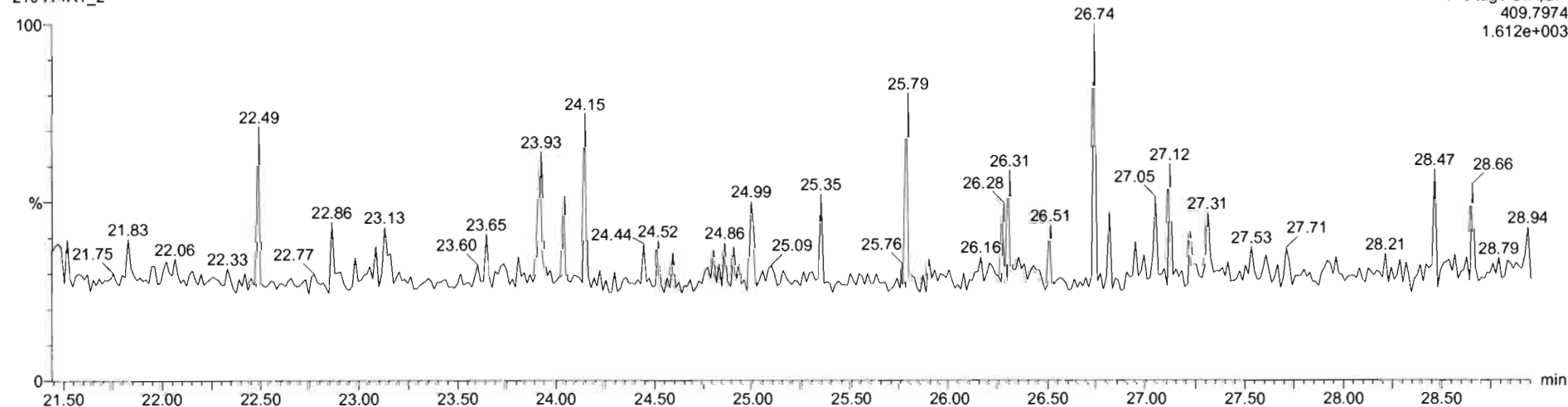


210414R1_2



DPE6

210414R1_2



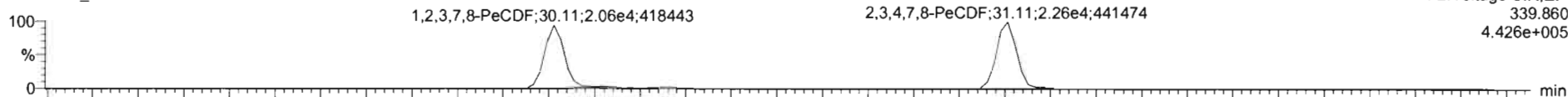
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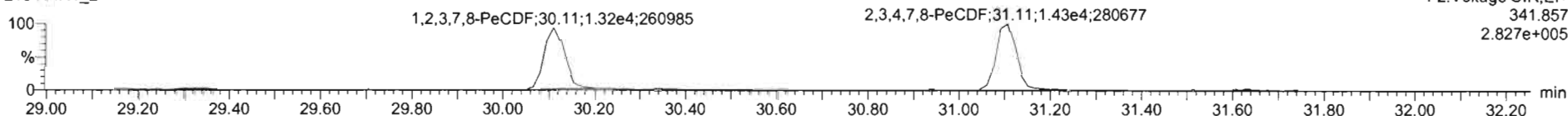
1,2,3,7,8-PeCDF

210414R1_2



F2: Voltage SIR, EI+
339.860
4.426e+005

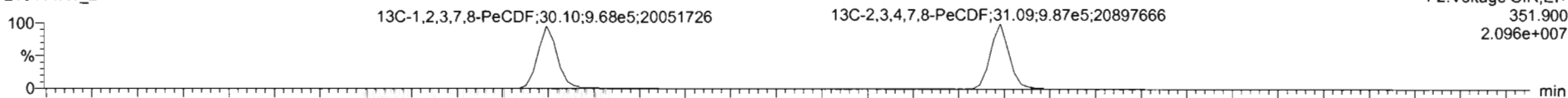
210414R1_2



F2: Voltage SIR, EI+
341.857
2.827e+005

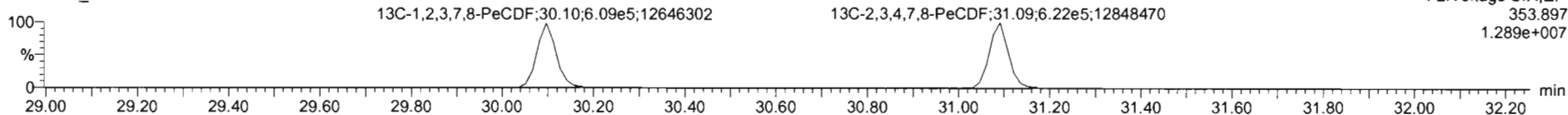
13C-1,2,3,7,8-PeCDF

210414R1_2



F2: Voltage SIR, EI+
351.900
2.096e+007

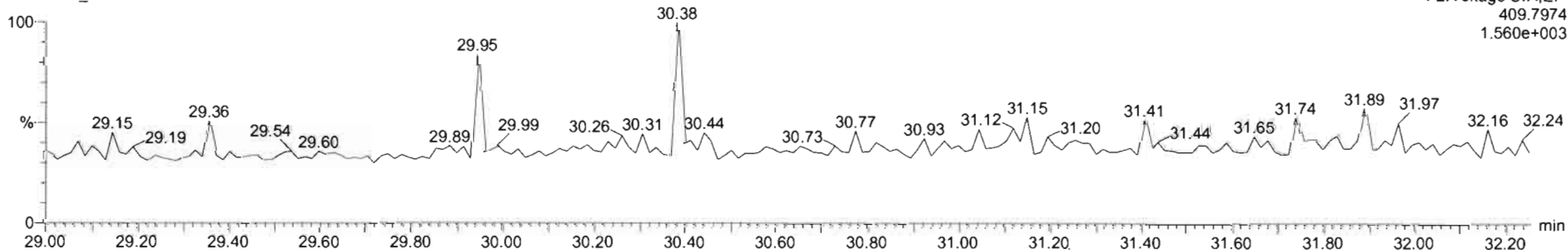
210414R1_2



F2: Voltage SIR, EI+
353.897
1.289e+007

DPE2

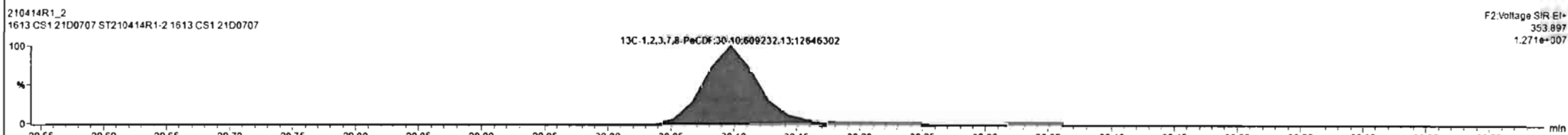
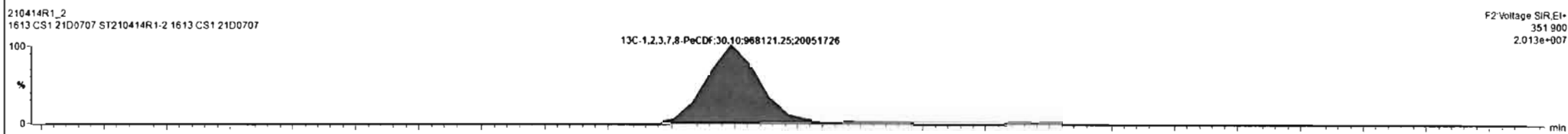
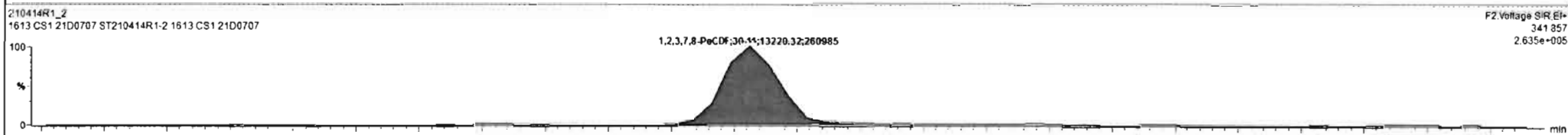
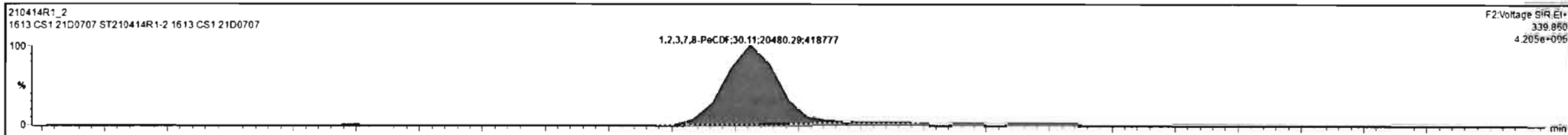
210414R1_2



F2: Voltage SIR, EI+
409.7974
1.560e+003

210414R1_2 ST210414R1-2 1613 CS1 21D0707 - 1613 CS1 21D0707

#	Name	RT	RA	Yn	Area	IS Area	Std. Conc	%Dev	NRSD	RRF M	RRF SD
1	2,3,7,8-TCDD	26.96	0.821	NO	6.9703e3	1.4587e6	0.500	1.4	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.601	NO	2.3749e4	1.1607e6	2.500	-0.9	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.227	NO	1.6474e4	7.1077e5	2.500	-4.7	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.76	1.238	NO	1.7068e4	8.0285e5	2.500	-3.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.292	NO	1.8427e4	8.9031e5	2.500	-5.3	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.32	1.024	NO	1.7196e4	7.7045e5	2.500	-0.8	7.53	0.899	0.0677
7	OCDD	41.33	0.885	NO	2.5970e4	1.2727e6	5.000	-4.2	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.713	NO	7.3389e3	2.1330e6	0.500	-7.9	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.11	1.549	NO	3.3701e4	1.5774e6	2.500	-2.6	5.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.11	1.579	NO	3.6894e4	1.6094e6	2.500	-4.7	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.0641e6	2.500	-4.7	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	8.41	0.973	0.0818



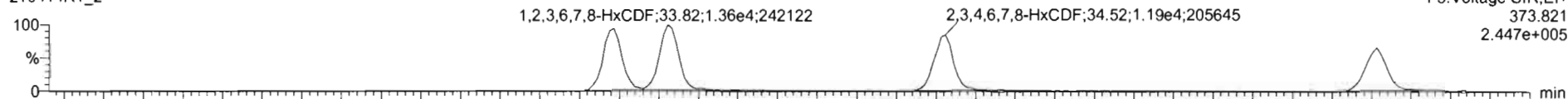
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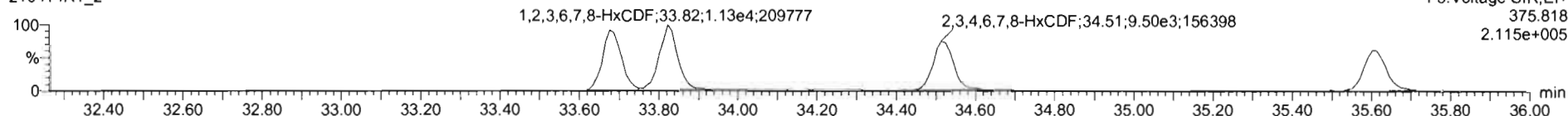
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1,2,3,4,7,8-HxCDF

210414R1_2

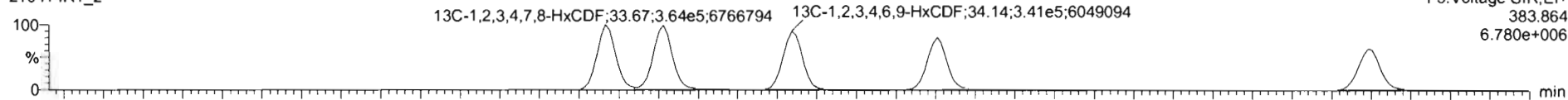


210414R1_2

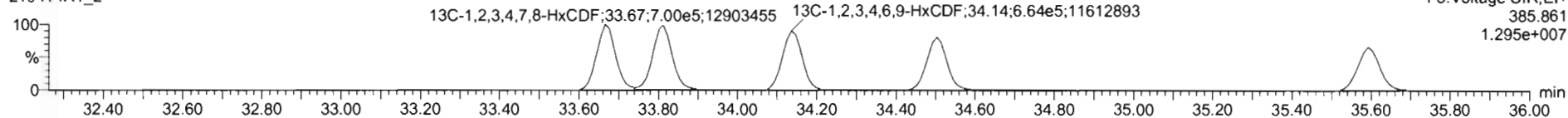


13C-1,2,3,4,7,8-HxCDF

210414R1_2

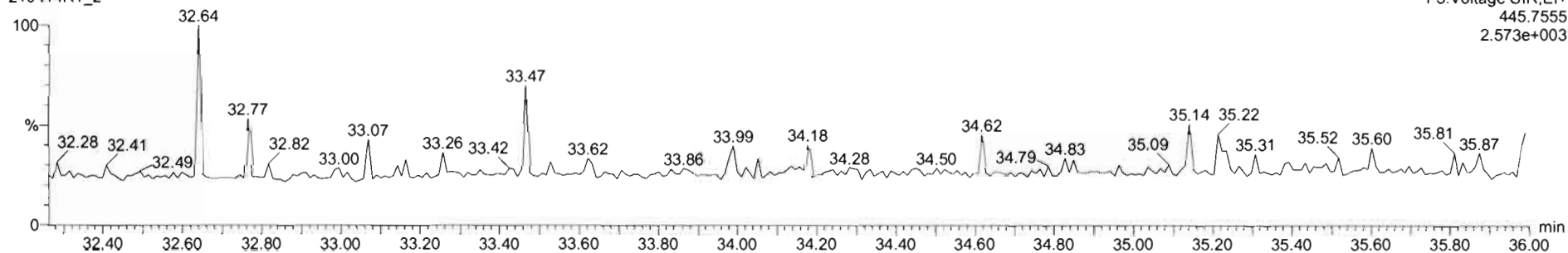


210414R1_2

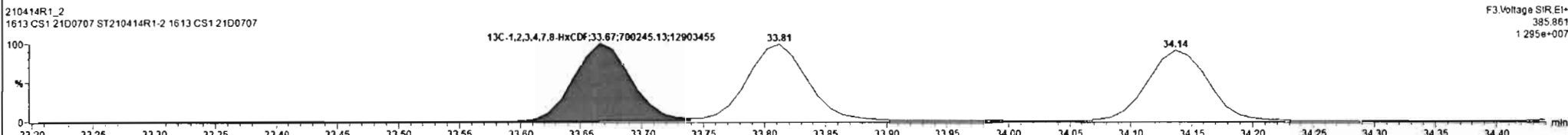
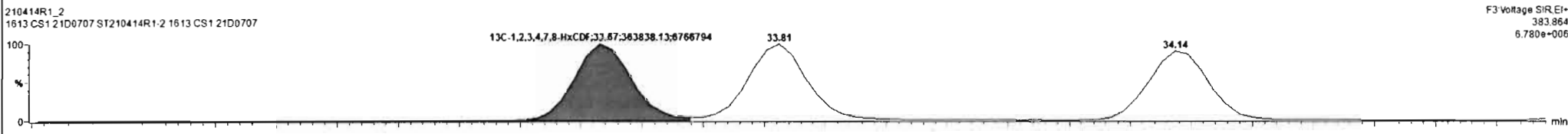
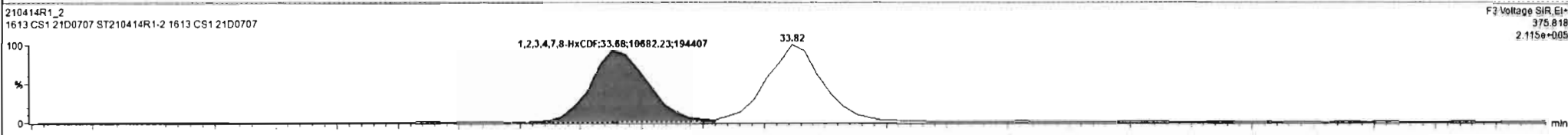
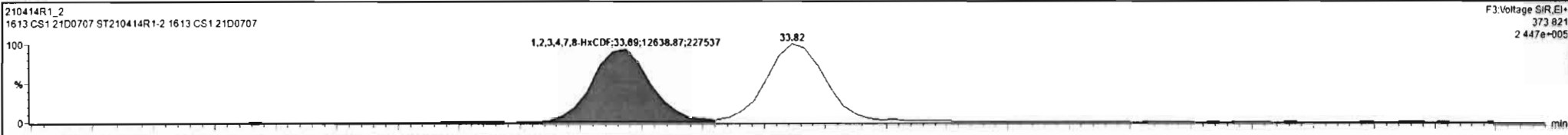


DPE3

210414R1_2



#	Name	RT	RA	Y/N	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M.	RRF SD
1	1,2,3,7,8-TCDD	26.96	0.821	NO	6.8703e3	1.4587e6	0.500	1.4	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.601	NO	2.3749e4	1.1607e6	2.500	-0.9	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.227	NO	1.6474e4	7.1077e5	2.500	-4.7	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.76	1.238	NO	1.7088e4	8.0285e5	2.500	-3.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.292	NO	1.8427e4	8.9031e5	2.500	-5.3	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	36.32	1.024	NO	1.7166e4	7.7045e5	2.500	-0.8	7.53	0.899	0.0677
7	OCDD	41.33	0.885	NO	2.5970e4	1.2727e6	5.000	-4.2	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.713	NO	7.3380e3	2.1336e6	0.500	-7.9	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.11	1.549	NO	3.3701e4	1.5774e6	2.500	-2.6	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.11	1.579	NO	3.6894e4	1.6094e6	2.500	-4.7	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.0641e6	2.500	-4.7	8.23	0.920	0.0759
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	8.41	0.973	0.0818

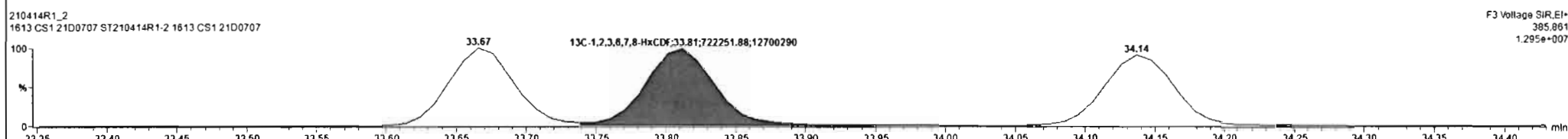
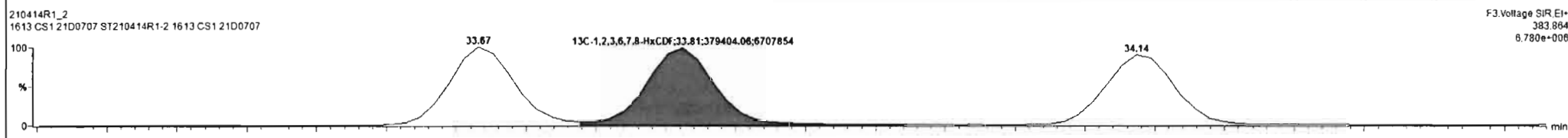
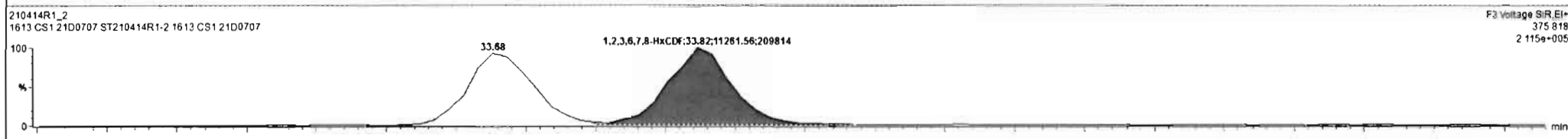
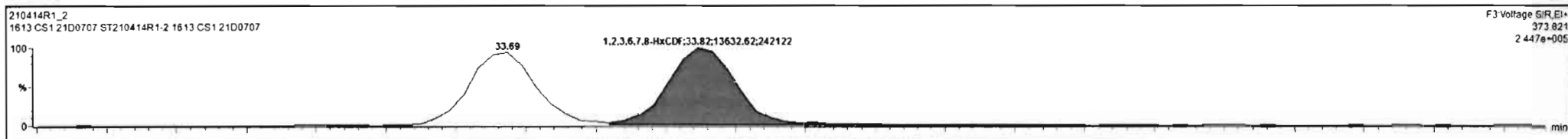


TargetLynx - 210414R1_CNV.qld - [Chromatogram]

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210414R1_2 - ST210414R1-2 1613 CS1 21D0707 1613 CS1 21D0707

#	Name	RT	RA	Y/N	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	1,2,3,7,8-TCDD	26.96	0.821	NO	6.8703e3	1.4587e6	0.500	1.4	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.601	NO	2.3749e4	1.1607e6	2.500	-0.9	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.227	NO	1.6474e4	7.1077e5	2.500	-4.7	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.76	1.238	NO	1.7068e4	8.0285e5	2.500	-3.0	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.292	NO	1.8427e4	8.9031e5	2.500	-5.3	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.32	1.024	NO	1.7166e4	7.7045e5	2.500	-0.8	7.53	0.899	0.0677
7	OCDD	41.33	0.885	NO	2.5970e4	1.2727e6	5.000	-4.2	7.48	0.852	0.0638
8	1,2,3,7,8-TCDF	26.35	0.713	NO	7.3380e3	2.1336e6	0.500	-7.9	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.11	1.549	NO	3.3701e4	1.5774e6	2.500	-2.6	8.18	0.877	0.0718
10	1,2,3,4,7,8-PeCDF	31.11	1.579	NO	3.6894e4	1.6094e6	2.500	-4.7	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.0641e6	2.500	-4.7	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.78	0.936	0.0727
13	1,2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	8.41	0.973	0.0818



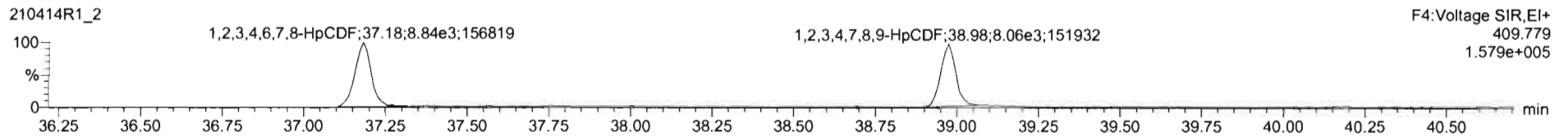
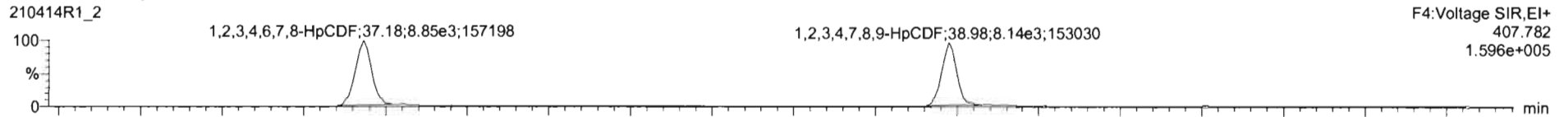
Regdv 210414R1_2 [CAP NUM]

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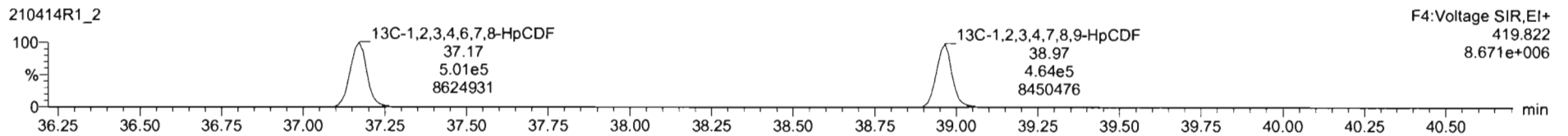
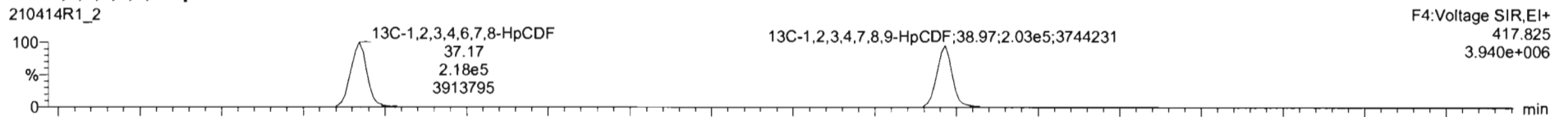
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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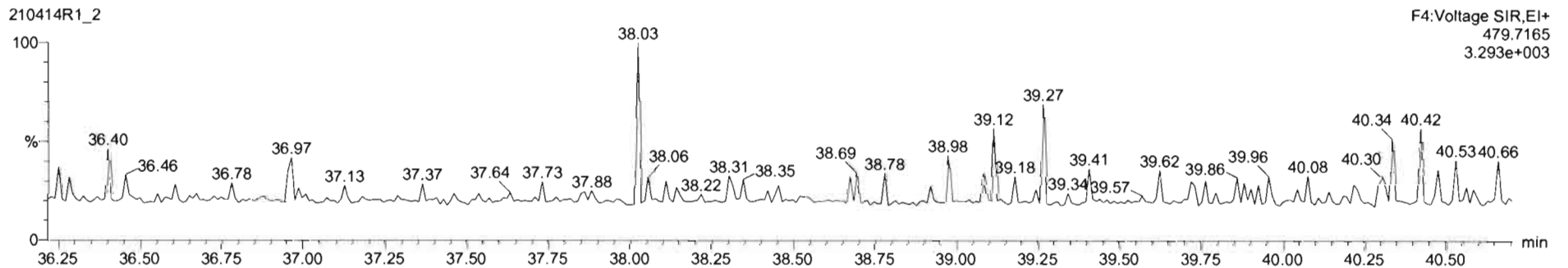
1,2,3,4,6,7,8-HpCDF



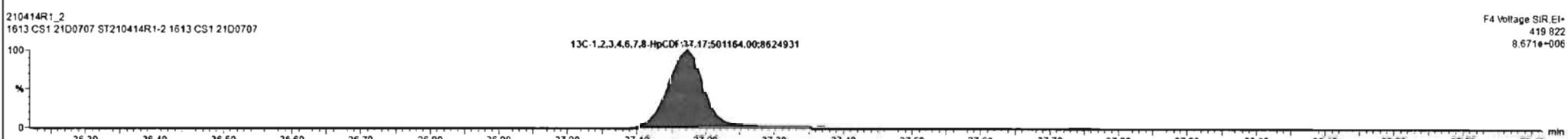
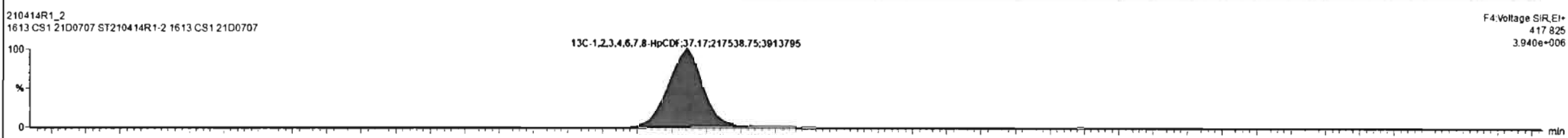
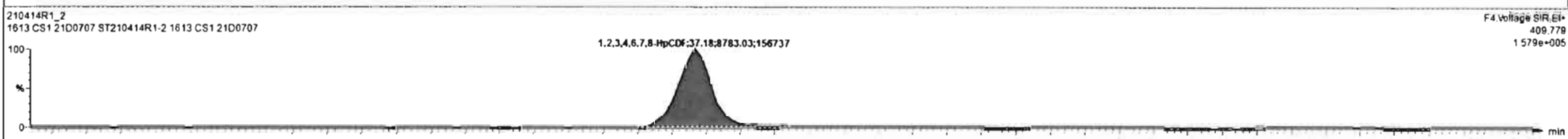
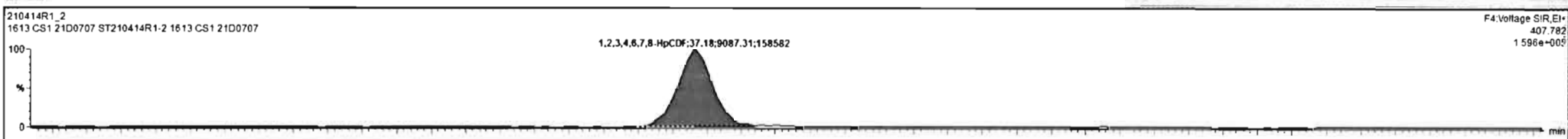
13C-1,2,3,4,6,7,8-HpCDF



DPE4



#	Name	RT	RA	Y/N	Area	IS Area	Std. Conc	%Dev	%RSD	RRF M	RRF SD
11	1,2,3,4,7,8-HxCDF	33.69	1.183	NO	2.3321e4	1.9641e6	2.500	-4.7	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.211	NO	2.4894e4	1.1017e6	2.500	-3.5	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.52	1.248	NO	2.1357e4	9.2017e5	2.500	-4.5	8.41	0.973	0.0818
14	1,2,3,7,8,9-HxCDF	35.61	1.159	NO	1.8506e4	8.2325e5	2.500	-4.3	8.34	0.940	0.0784
15	1,2,3,4,6,7,8-HpCDF	37.18	1.035	NO	1.7870e4	7.1870e5	2.500	-5.1	8.33	1.05	0.0873
16	1,2,3,4,7,8,9-HpCDF	38.98	1.010	NO	1.6198e4	6.9955e5	2.500	-7.0	8.40	1.05	0.0879
17	OCDF	41.67	0.878	NO	2.7542e4	1.4722e6	5.000	-3.0	7.94	0.771	0.0612
18	13C-2,3,7,8-TCDD	26.93	0.772	NO	1.4587e6	1.3814e6	100.000	-4.3	8.43	1.10	0.0930
19	13C-1,2,3,7,8-PeCDD	31.26	0.625	NO	1.1607e6	1.3814e6	100.000	-2.7	10.5	0.864	0.0903
20	13C-1,2,3,4,7,8-HxCDD	34.61	1.282	NO	7.1077e5	1.0053e6	100.000	-5.2	8.73	0.746	0.0651
21	13C-1,2,3,6,7,8-HxCDD	34.73	1.263	NO	8.0285e5	1.0053e6	100.000	-5.7	9.12	0.847	0.0773
22	13C-1,2,3,7,8-HxCDD	35.03	1.257	NO	8.9031e5	1.0053e6	100.000	2.0	8.65	0.868	0.0751
23	13C-1,2,3,4,6,7,8-HpCDD	38.29	1.047	NO	7.7045e5	1.0053e6	100.000	15.4	10.1	0.864	0.0671

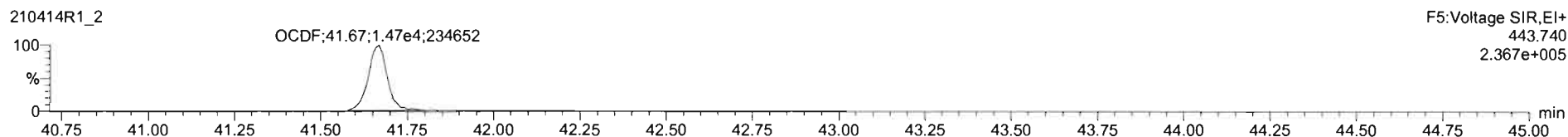
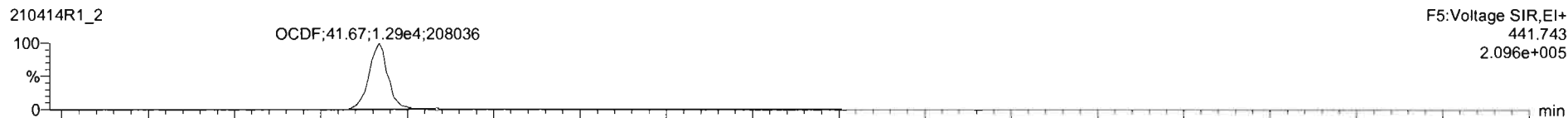


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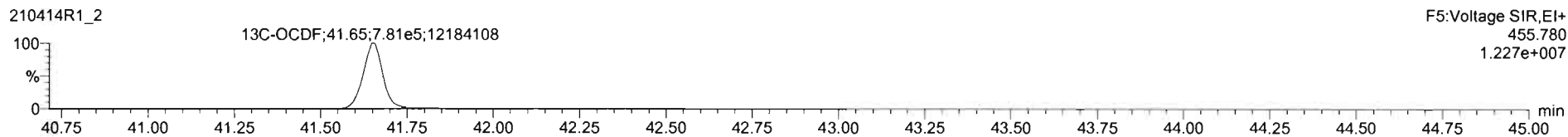
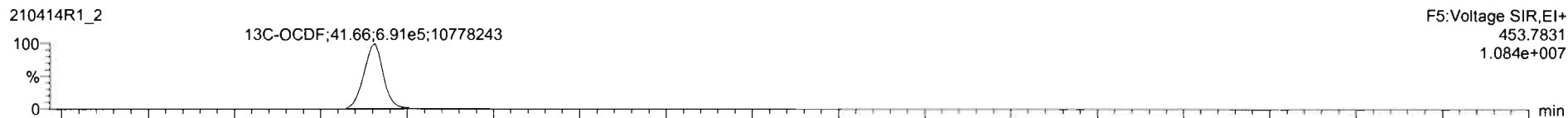
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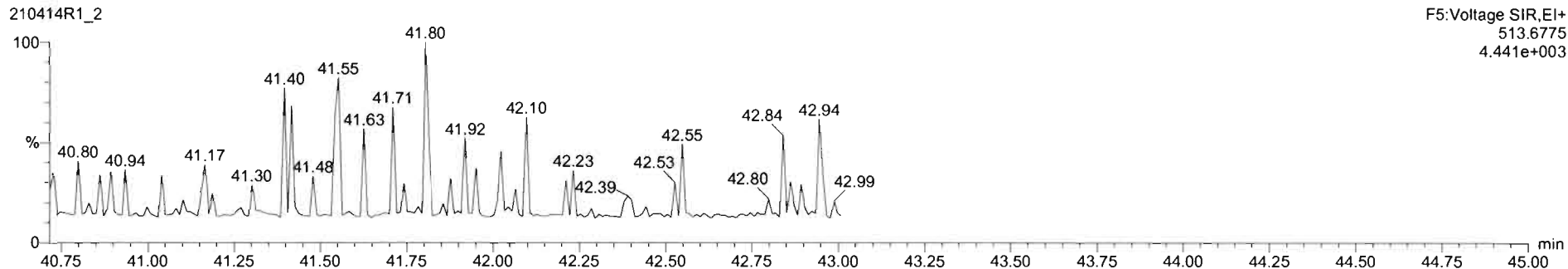
OCDF



13C-OCDF



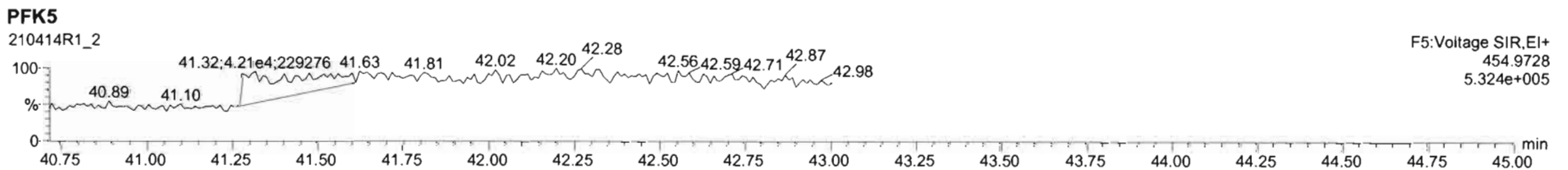
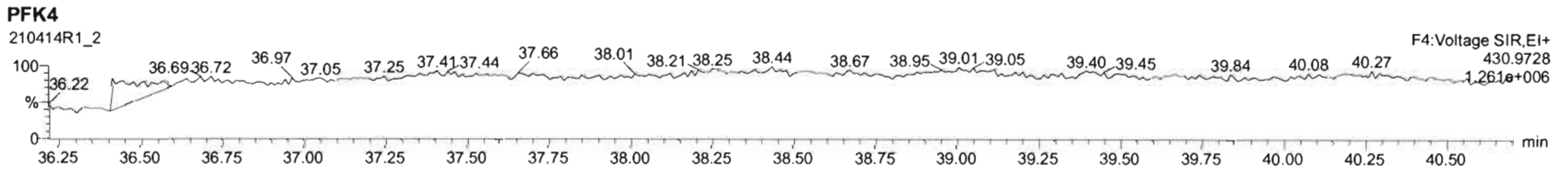
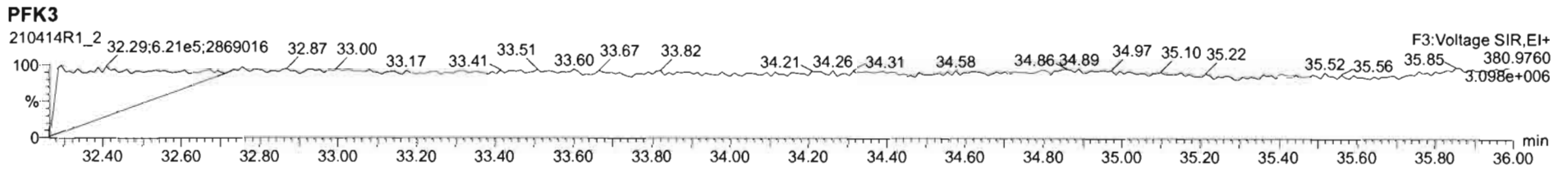
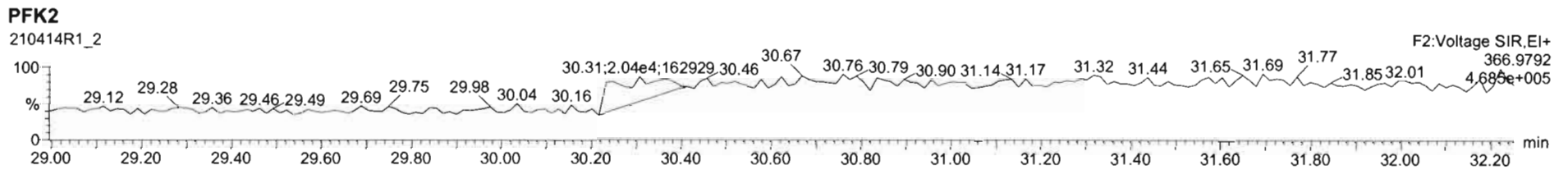
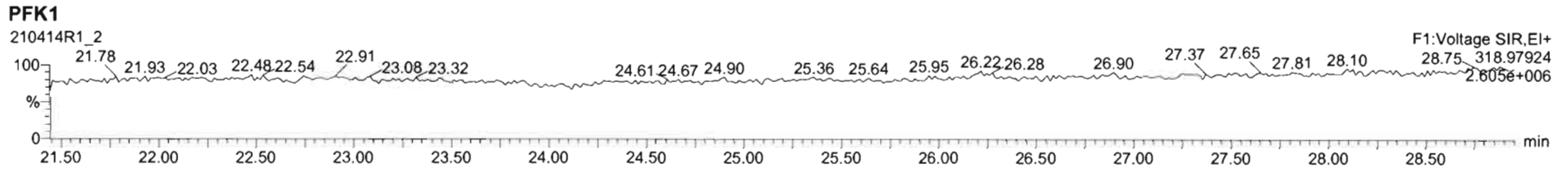
DPE5



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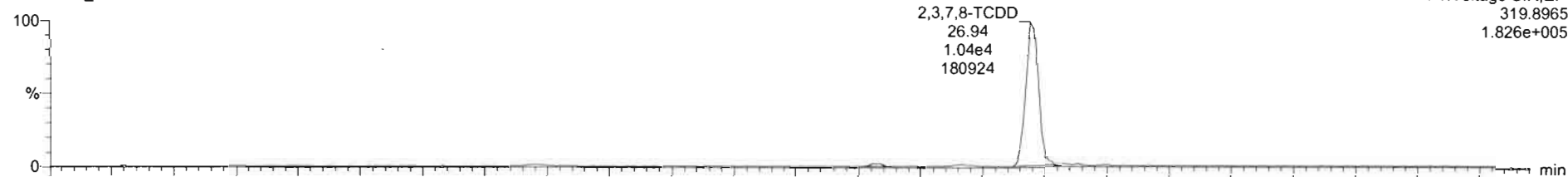
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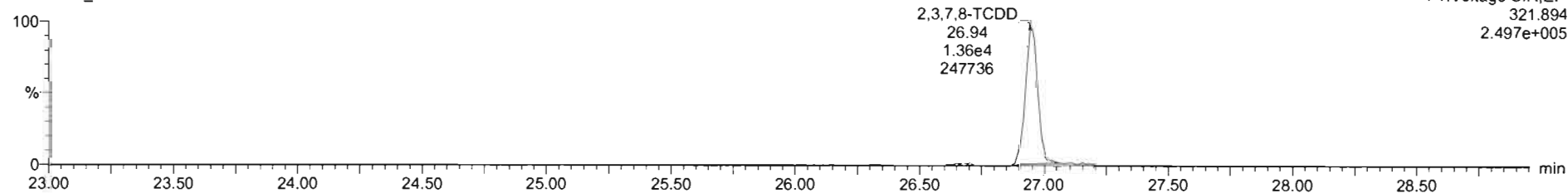
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2,3,7,8-TCDD

210414R1_3

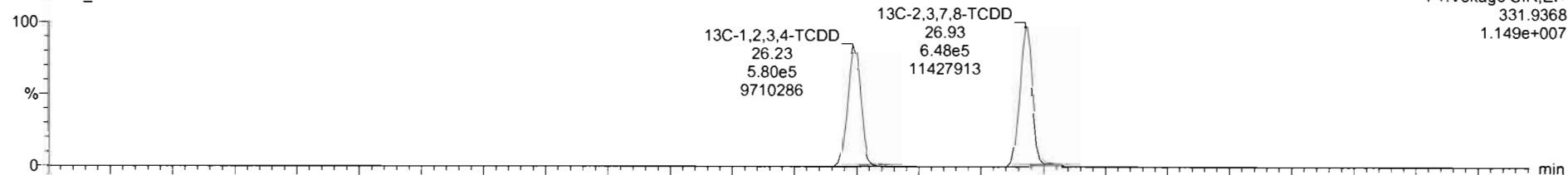


210414R1_3

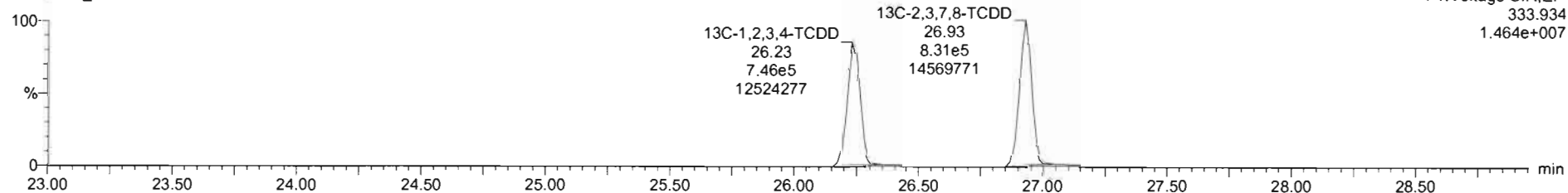


13C-2,3,7,8-TCDD

210414R1_3



210414R1_3



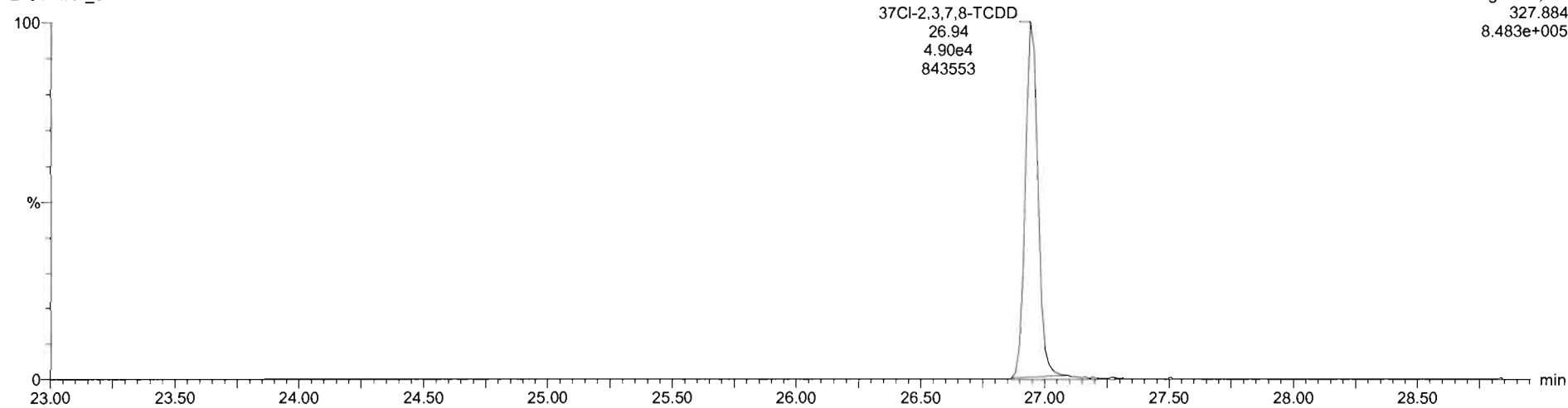
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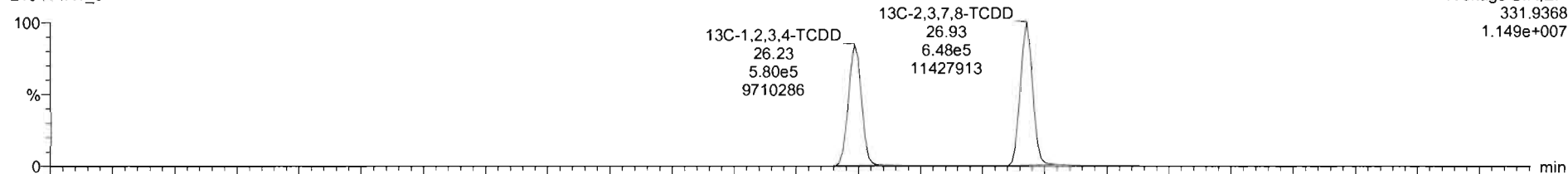
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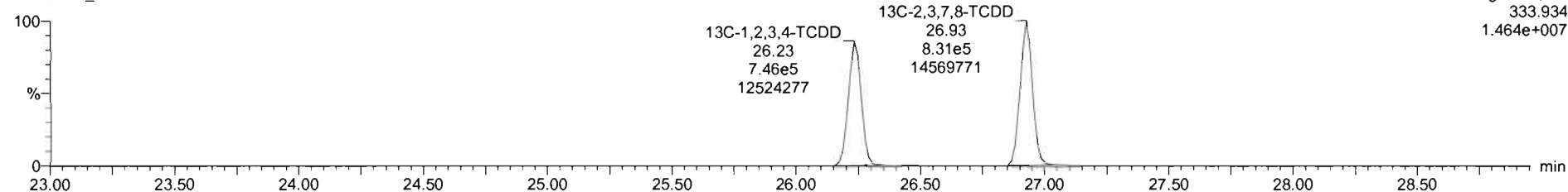


13C-1,2,3,4-TCDD

210414R1_3



210414R1_3



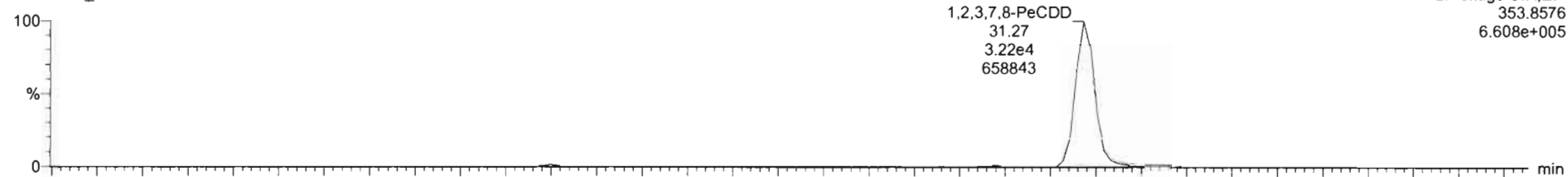
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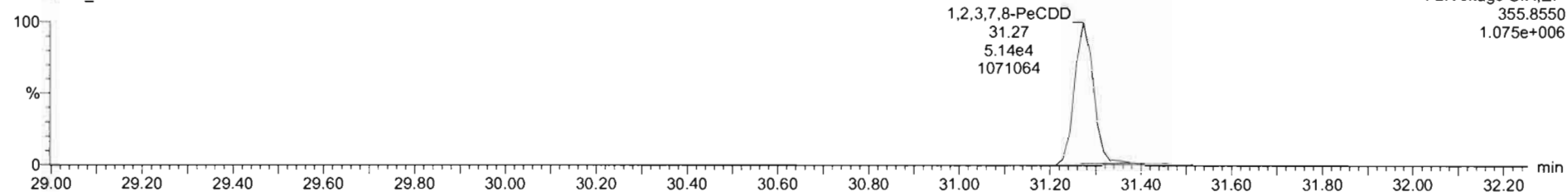
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1,2,3,7,8-PeCDD

210414R1_3

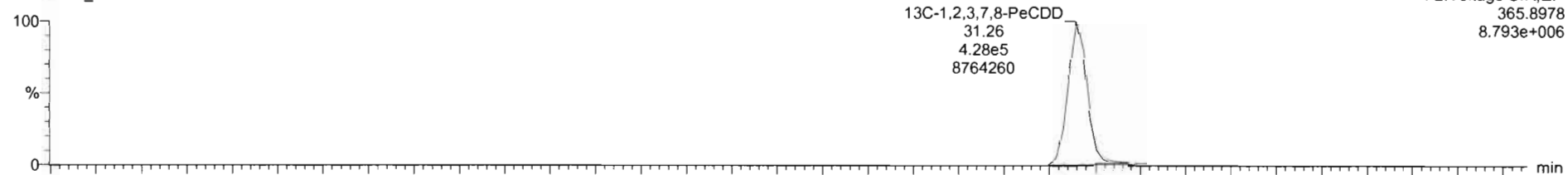


210414R1_3

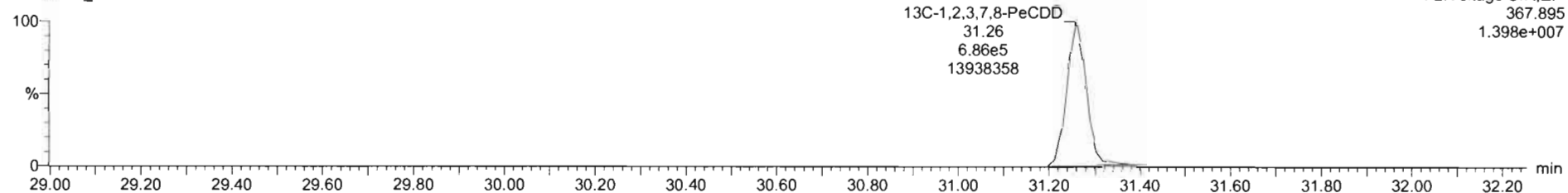


13C-1,2,3,7,8-PeCDD

210414R1_3



210414R1_3



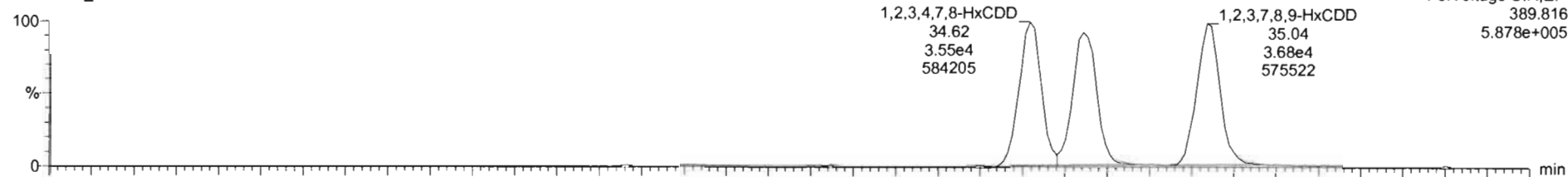
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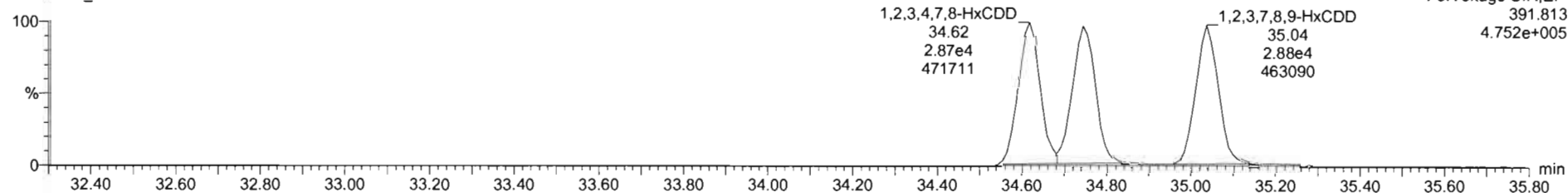
1,2,3,4,7,8-HxCDD

210414R1_3



F3:Voltage SIR,EI+
389.816
5.878e+005

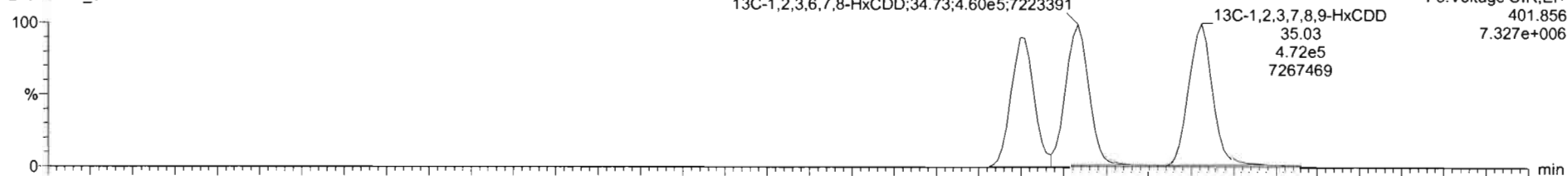
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F3:Voltage SIR,EI+
391.813
4.752e+005

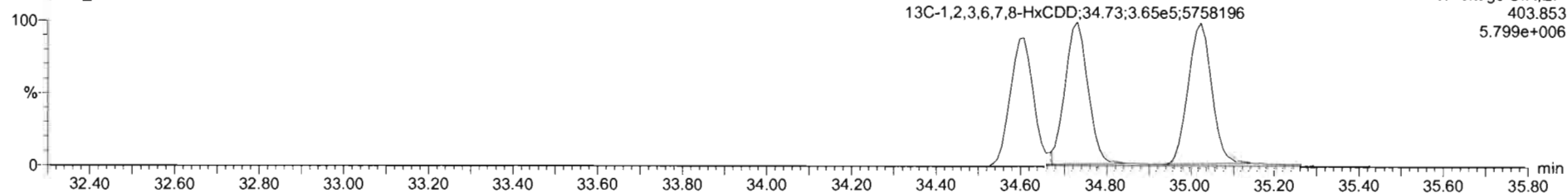
13C-1,2,3,4,7,8-HxCDD

210414R1_3



F3:Voltage SIR,EI+
401.856
7.327e+006

210414R1_3



F3:Voltage SIR,EI+
403.853
5.799e+006

Dataset: Untitled

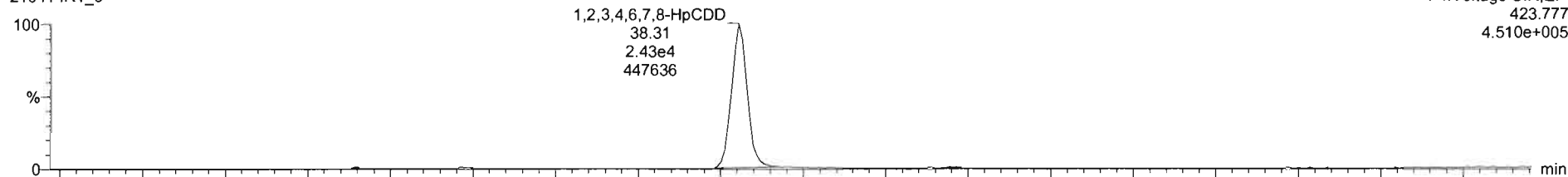
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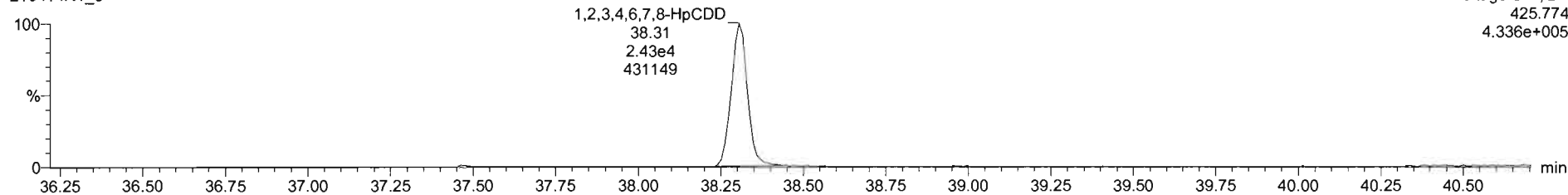
1,2,3,4,6,7,8-HpCDD

210414R1_3



F4:Voltage SIR,EI+
423.777
4.510e+005

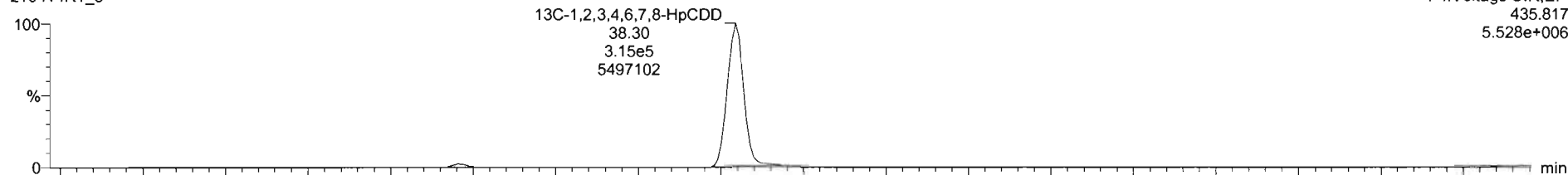
210414R1_3



F4:Voltage SIR,EI+
425.774
4.336e+005

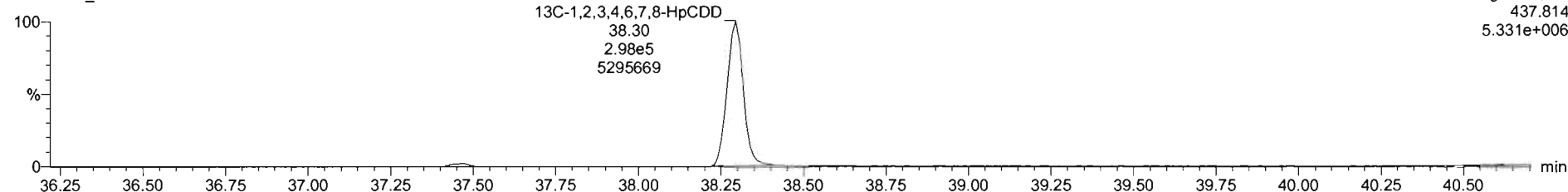
13C-1,2,3,4,6,7,8-HpCDD

210414R1_3



F4:Voltage SIR,EI+
435.817
5.528e+006

210414R1_3



F4:Voltage SIR,EI+
437.814
5.331e+006

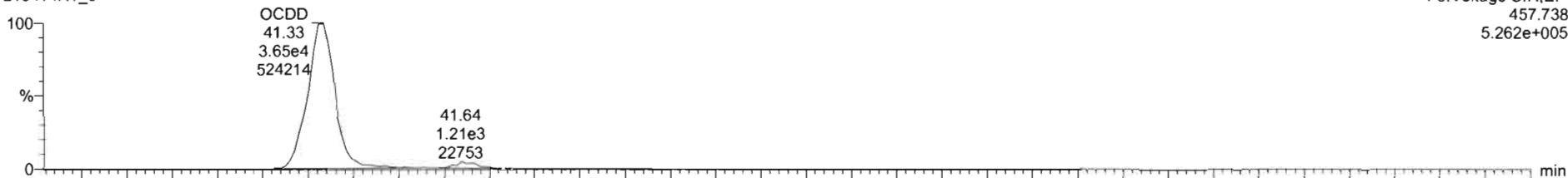
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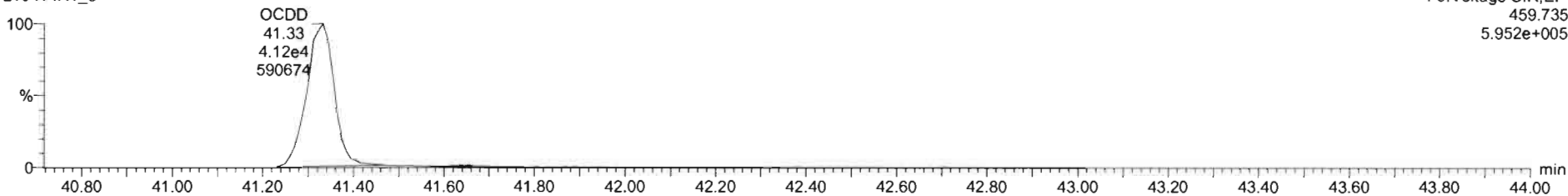
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OCDD

210414R1_3

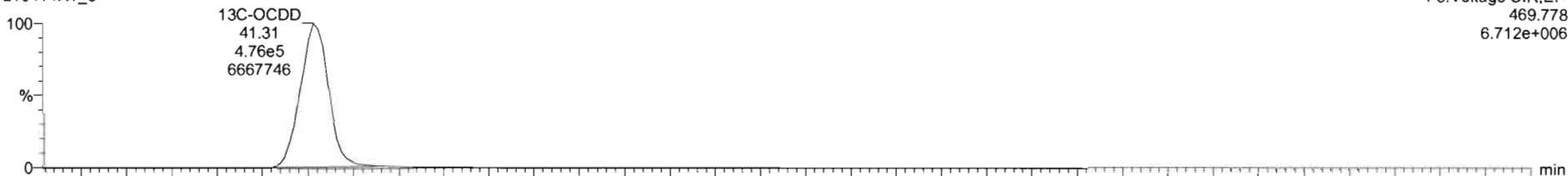


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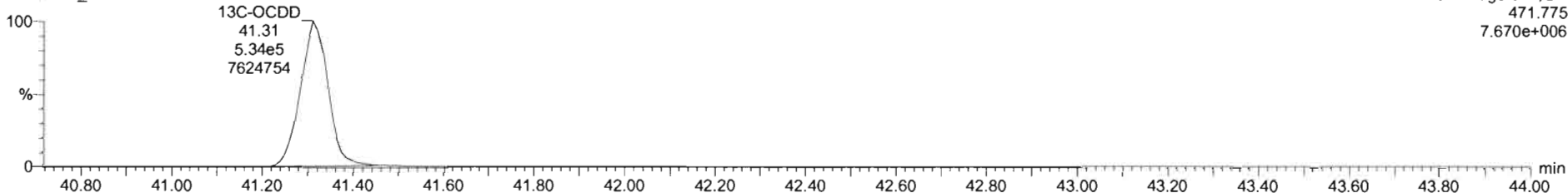


13C-OCDD

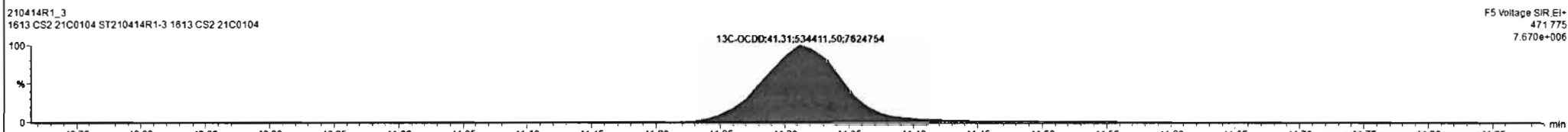
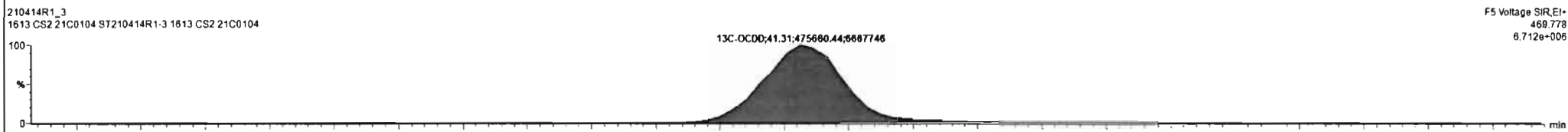
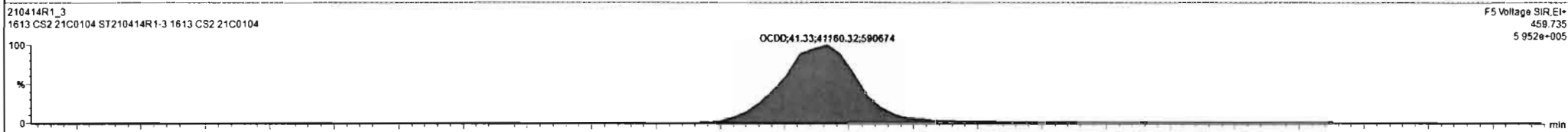
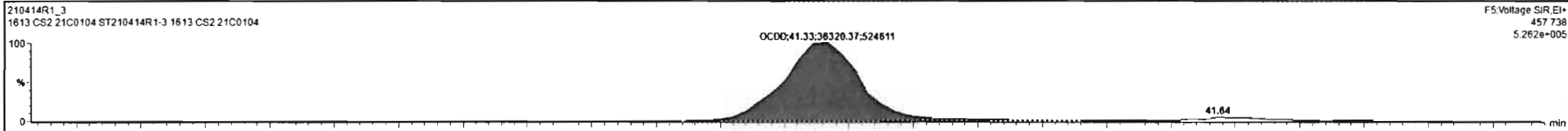
210414R1_3



210414R1_3



#	Name	RT	RA	Yn	Area	IS Area	Std Conc	%Dev	%RSD	RRF M	RRF SD
1	2,3,7,8-TCDD	26.94	0.762	NO	2.4014e4	1.4792e6	2.000	-12.6	8.93	0.929	0.0829
2	1,2,3,7,8-PeCDD	31.27	0.628	NO	8.3608e4	1.1141e6	10.000	-9.1	5.84	0.826	0.0482
3	1,2,3,4,7,8-HxCDD	34.62	1.239	NO	6.4208e4	7.4024e5	10.000	-10.8	8.87	0.972	0.0863
4	1,2,3,6,7,8-HxCDD	34.74	1.229	NO	6.5250e4	8.2514e5	10.000	-9.8	6.38	0.877	0.0560
5	1,2,3,7,8,9-HxCDD	35.04	1.280	NO	6.5625e4	8.4455e5	10.000	-11.1	8.86	0.874	0.0774
6	1,2,3,4,6,7,8-HpCDD	38.31	1.003	NO	4.9610e4	6.1293e5	10.000	-11.8	7.53	0.899	0.0877
7	OCDD	41.33	0.882	NO	7.7481e4	1.0101e6	20.000	-10.0	7.48	0.852	0.0638
8	2,3,7,8-TCDF	26.35	0.785	NO	2.6406e4	1.9981e6	2.000	-11.5	9.29	0.747	0.0693
9	1,2,3,7,8-PeCDF	30.11	1.623	NO	1.2008e5	1.4874e6	10.000	-8.0	8.18	0.877	0.0718
10	2,3,4,7,8-PeCDF	31.11	1.523	NO	1.2921e5	1.4756e6	10.000	-8.0	7.01	0.962	0.0675
11	1,2,3,4,7,8-HxCDF	33.69	1.227	NO	7.9886e4	9.5787e5	10.000	-9.4	8.23	0.920	0.0758
12	1,2,3,6,7,8-HxCDF	33.82	1.218	NO	8.7203e4	1.0114e6	10.000	-7.9	7.76	0.936	0.0727
13	2,3,4,6,7,8-HxCDF	34.51	1.231	NO	7.8454e4	8.8543e5	10.000	-8.9	8.41	0.973	0.0818



Regdy [210414R1_3] CAP NUM

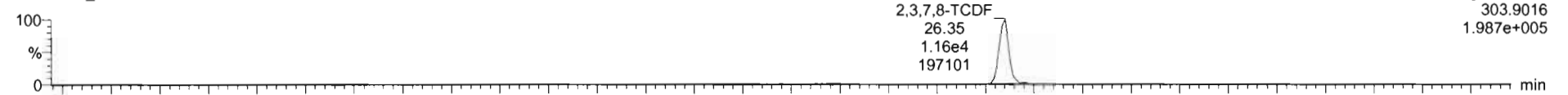
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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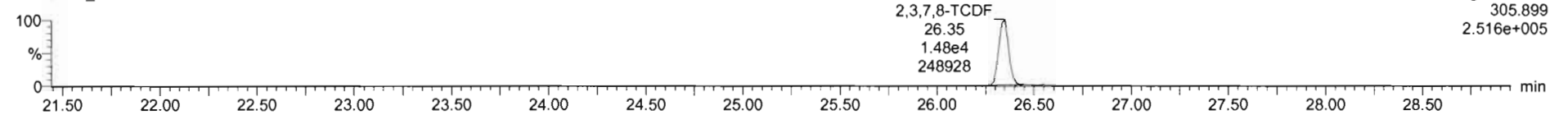
2,3,7,8-TCDF

210414R1_3



F1:Voltage SIR,EI+
303.9016
1.987e+005

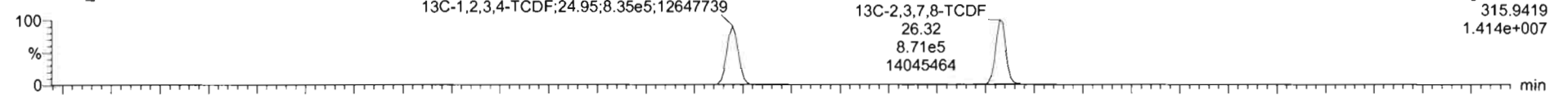
210414R1_3



F1:Voltage SIR,EI+
305.899
2.516e+005

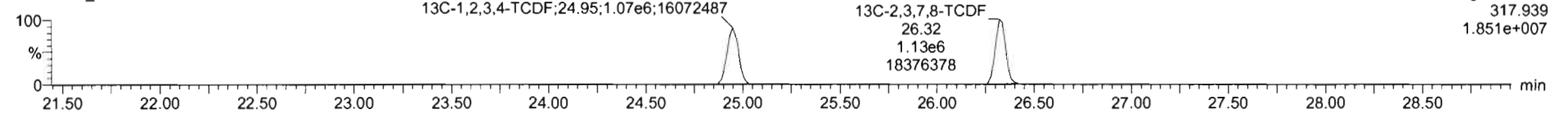
13C-2,3,7,8-TCDF

210414R1_3



F1:Voltage SIR,EI+
315.9419
1.414e+007

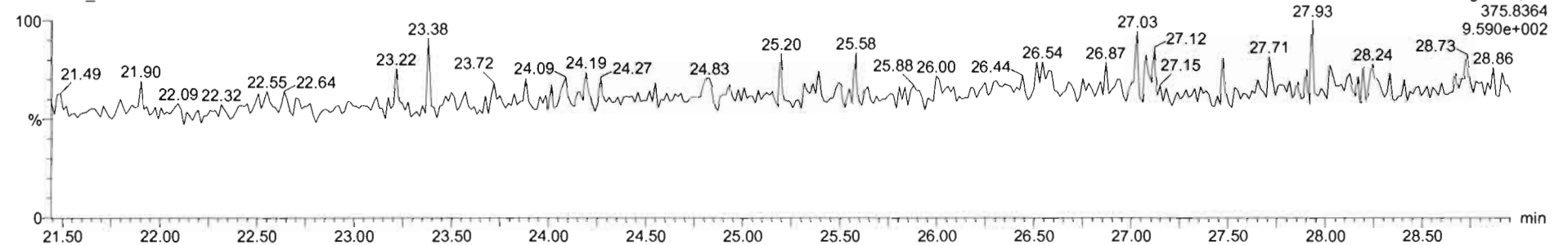
210414R1_3



F1:Voltage SIR,EI+
317.939
1.851e+007

DPE1

210414R1_3



F1:Voltage SIR,EI+
375.8364
9.590e+002

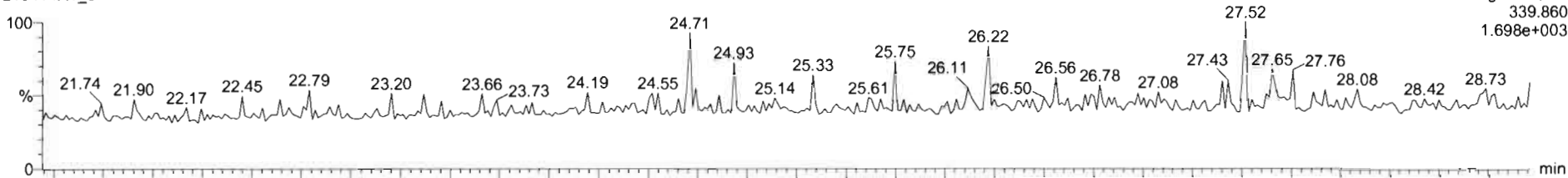
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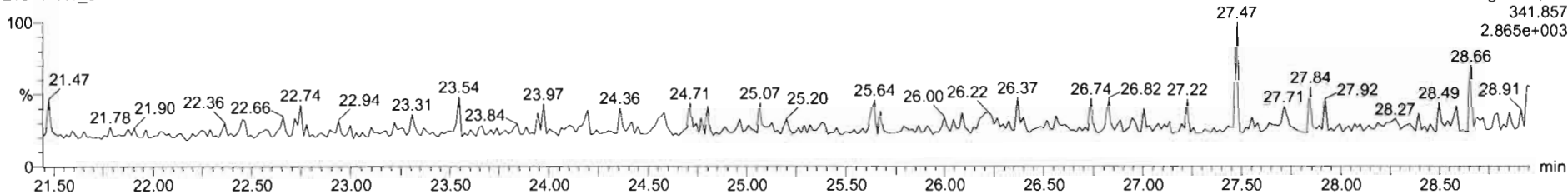
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1st Func. Penta-Furans

210414R1_3

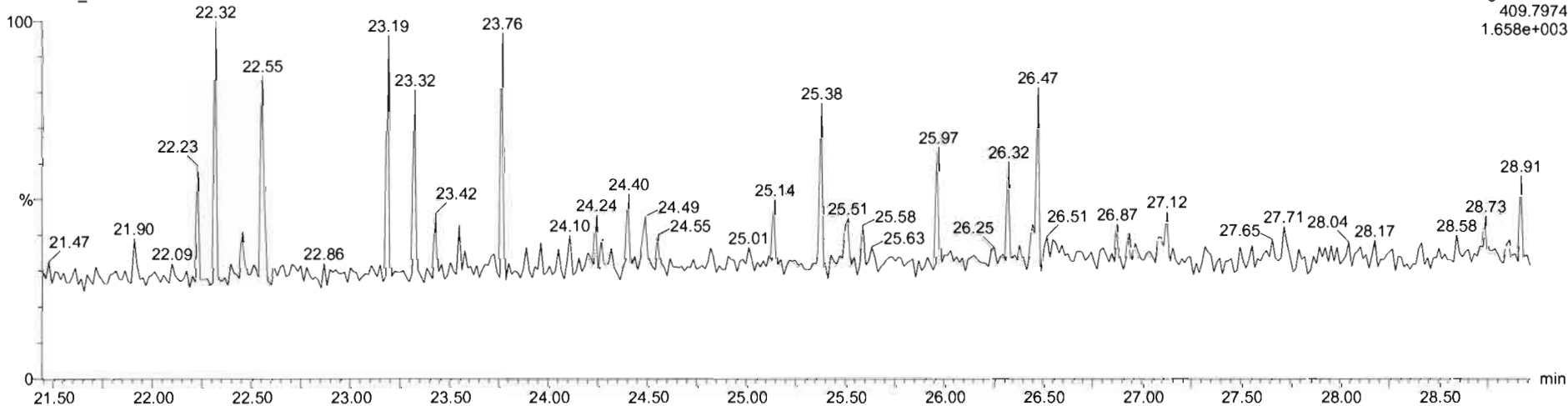


210414R1_3



DPE6

210414R1_3



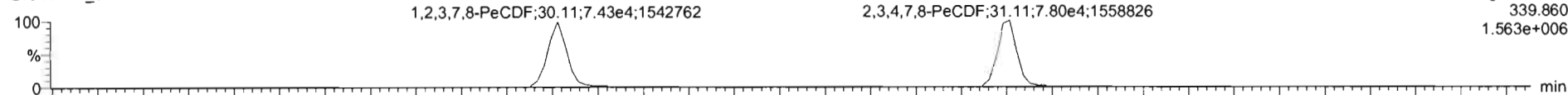
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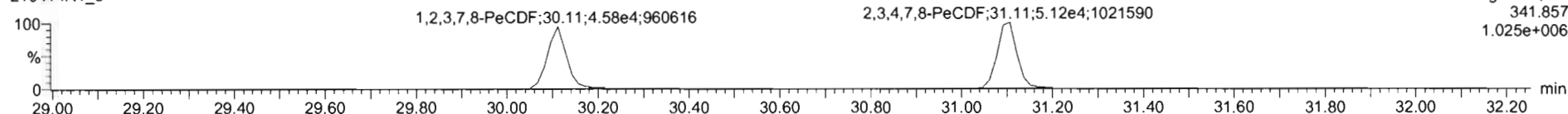
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1,2,3,7,8-PeCDF

210414R1_3

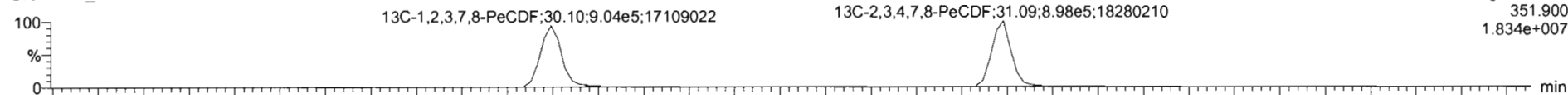


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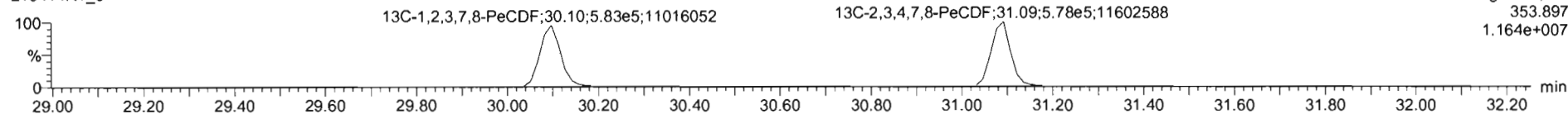


13C-1,2,3,7,8-PeCDF

210414R1_3

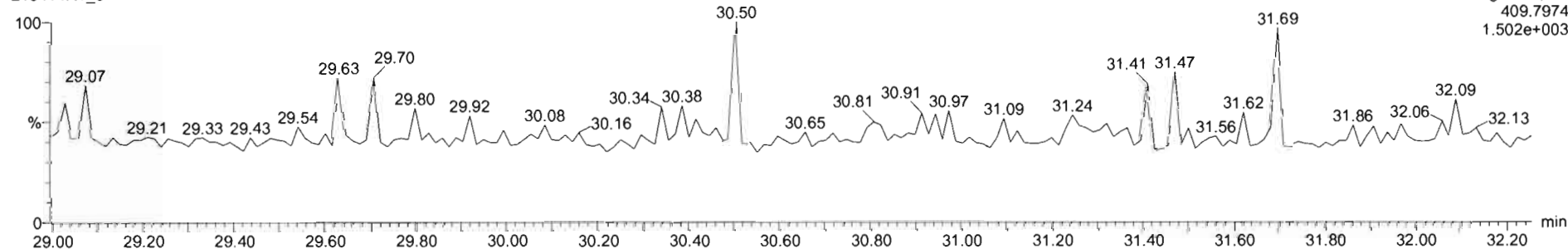


210414R1_3



DPE2

210414R1_3



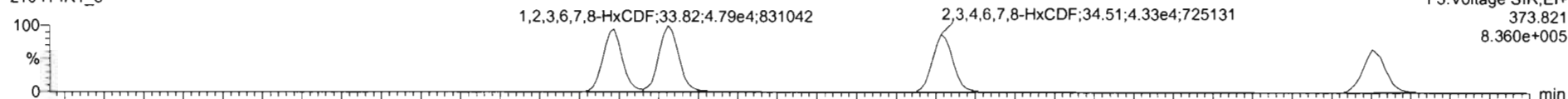
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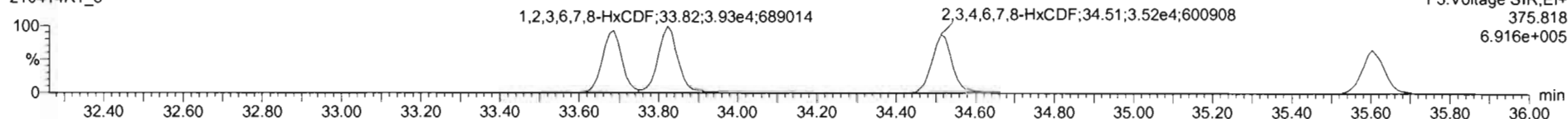
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1,2,3,4,7,8-HxCDF

210414R1_3

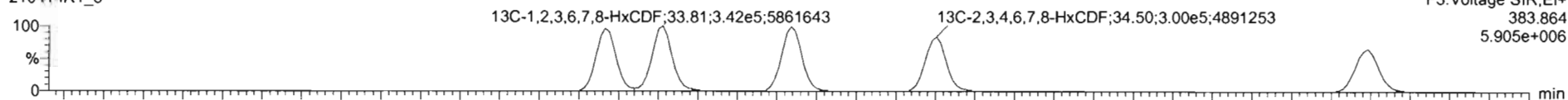


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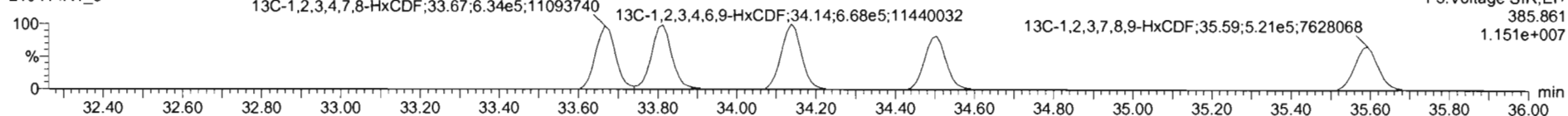


13C-1,2,3,4,7,8-HxCDF

210414R1_3

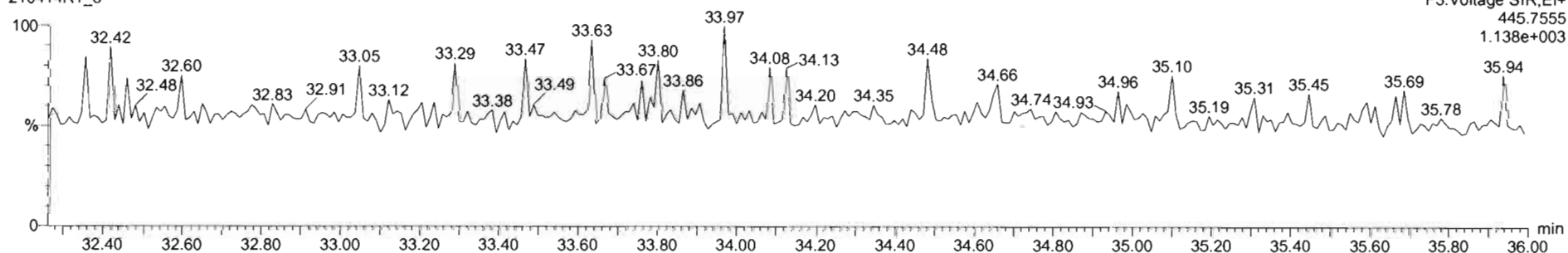


210414R1_3



DPE3

210414R1_3



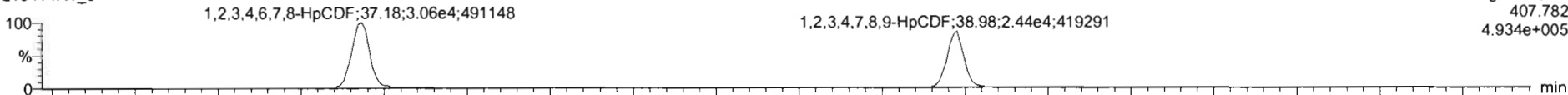
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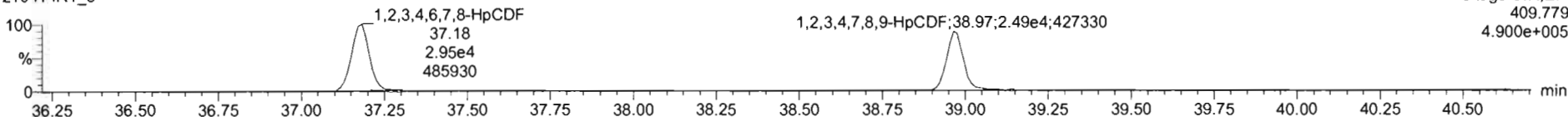
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1,2,3,4,6,7,8-HpCDF

210414R1_3

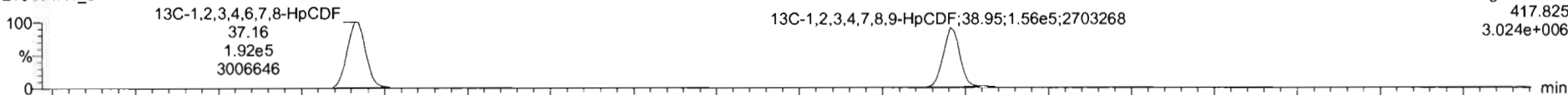


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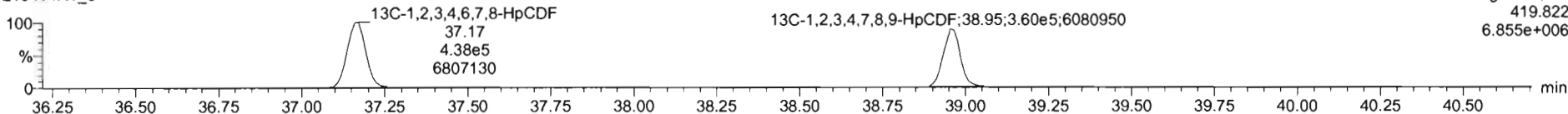


13C-1,2,3,4,6,7,8-HpCDF

210414R1_3

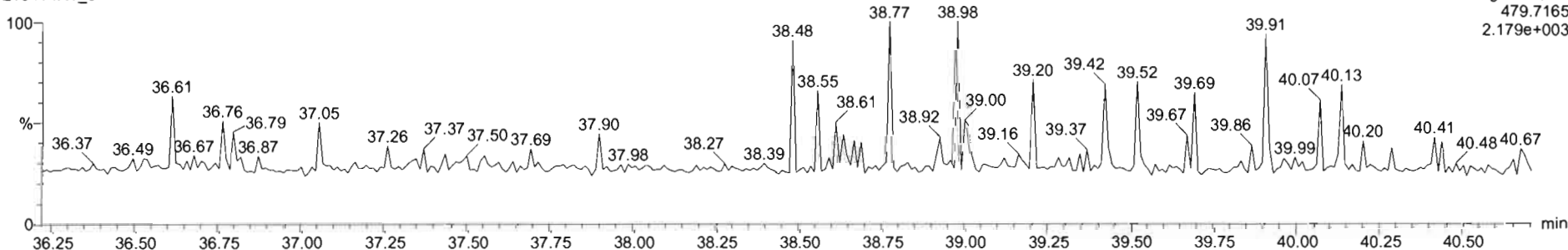


210414R1_3



DPE4

210414R1_3

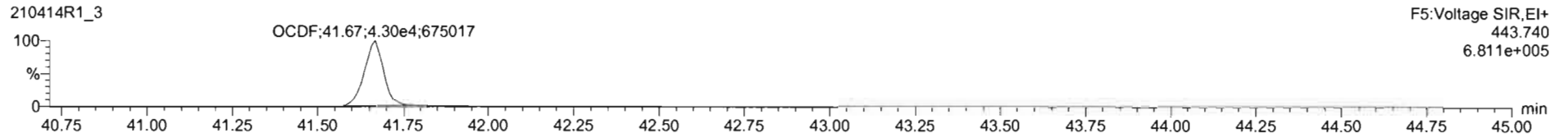
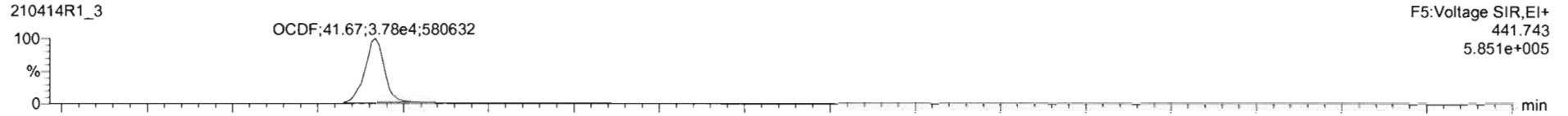


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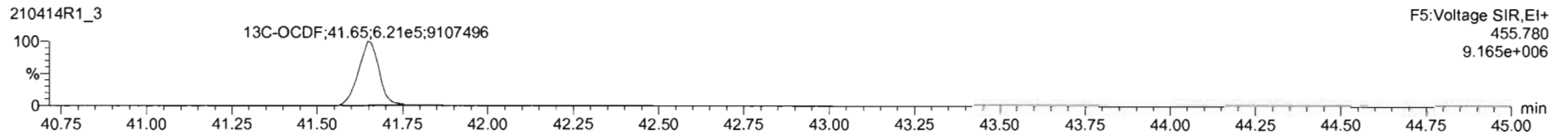
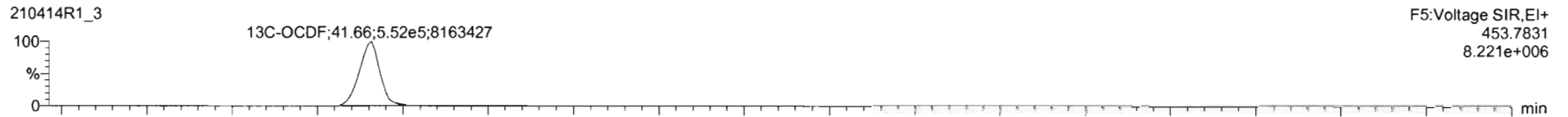
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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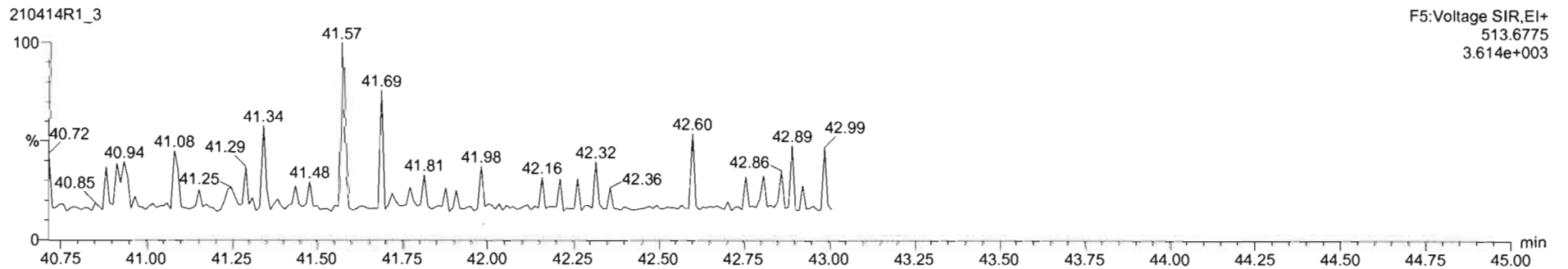
OCDF



13C-OCDF



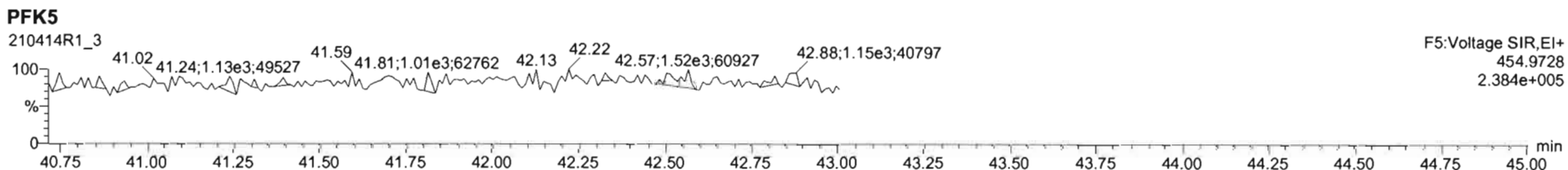
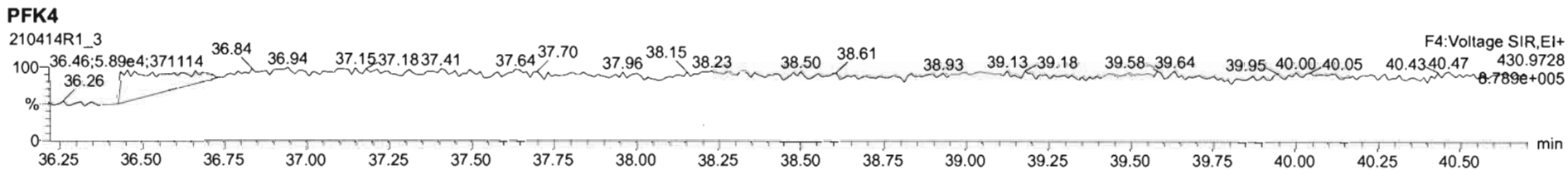
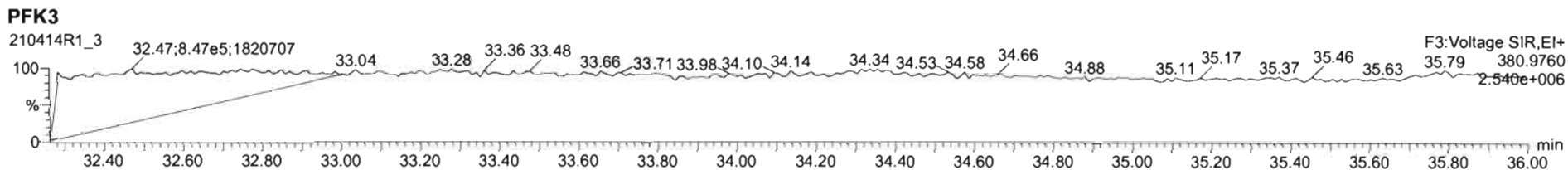
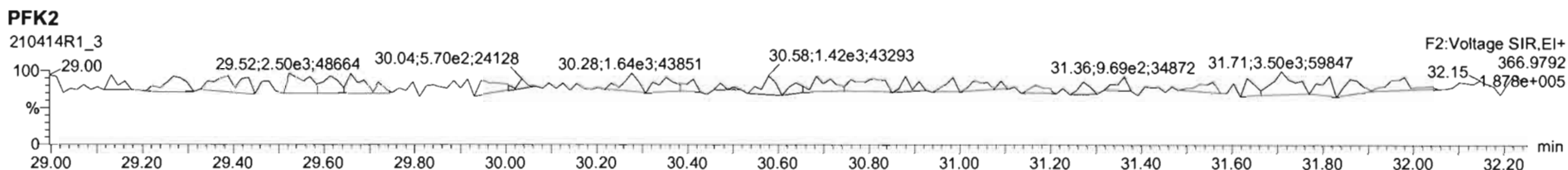
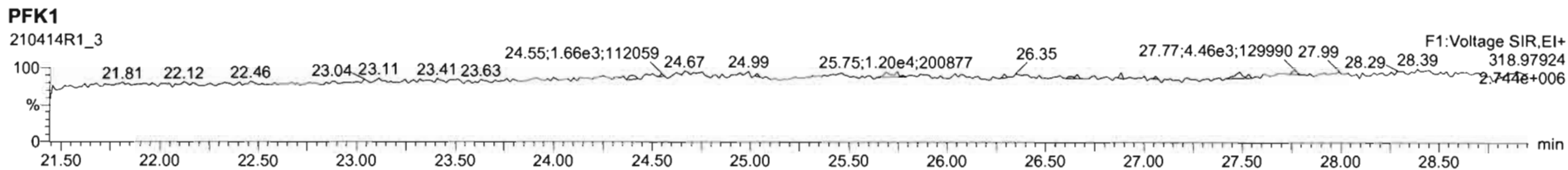
DPE5



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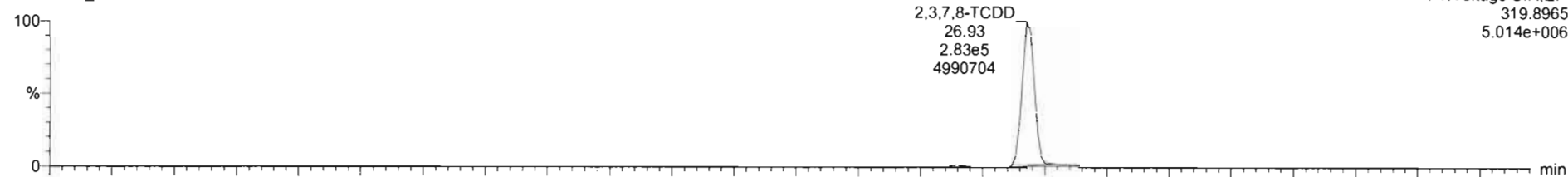
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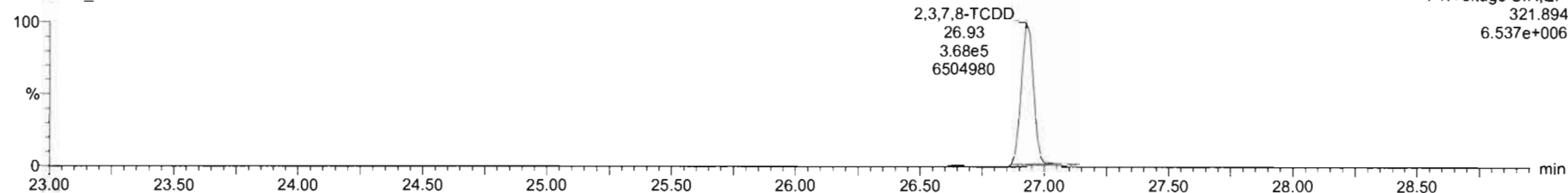
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2,3,7,8-TCDD

210414R1_4

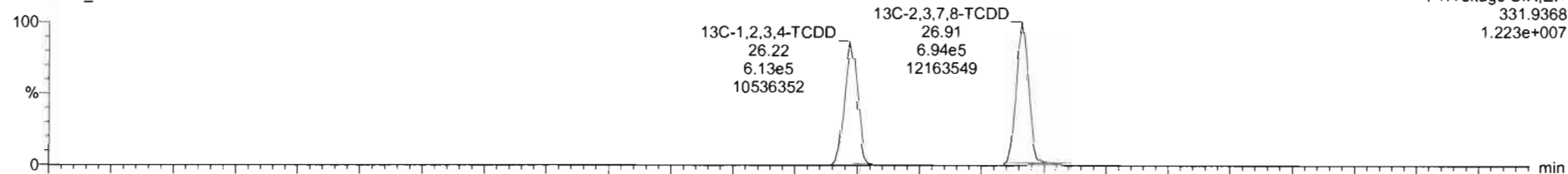


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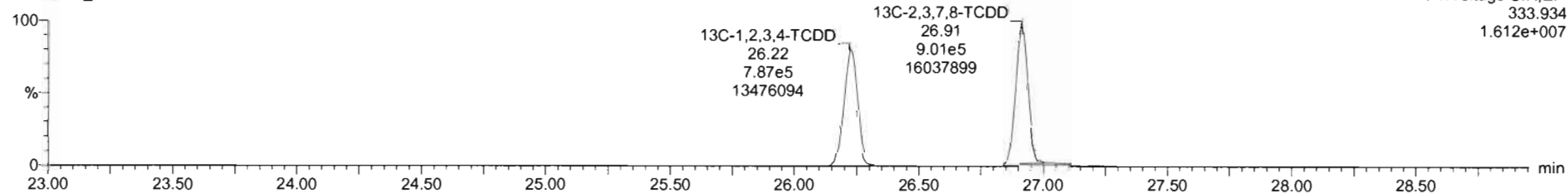


13C-2,3,7,8-TCDD

210414R1_4



210414R1_4



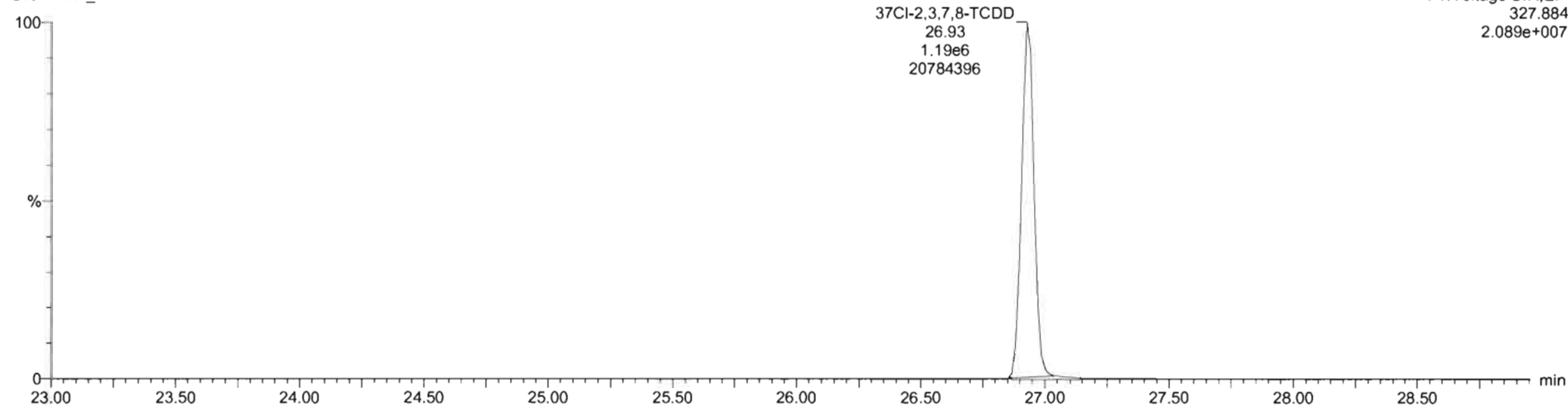
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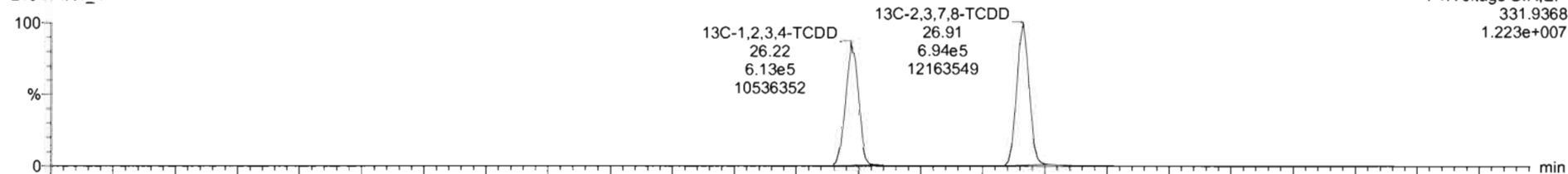
37Cl-2,3,7,8-TCDD

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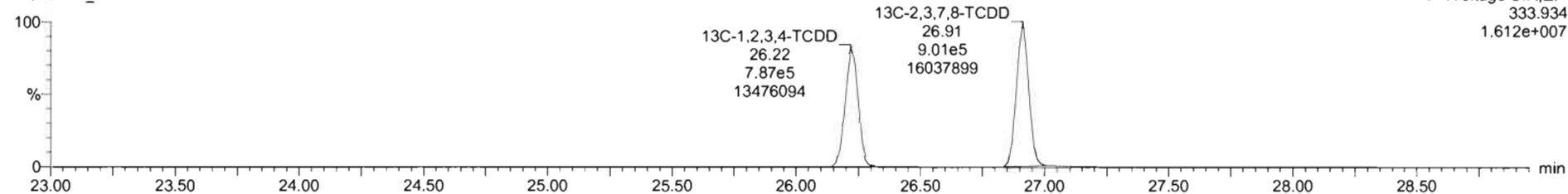


13C-1,2,3,4-TCDD

210414R1_4



210414R1_4



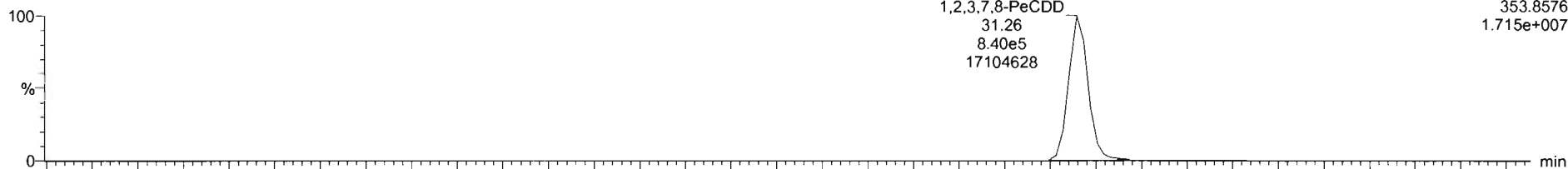
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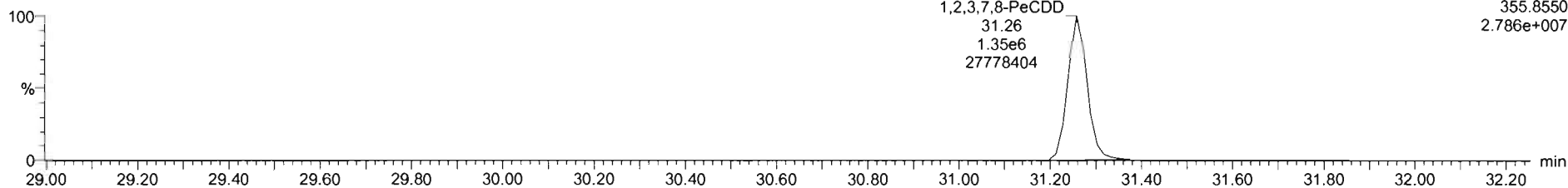
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1,2,3,7,8-PeCDD

210414R1_4

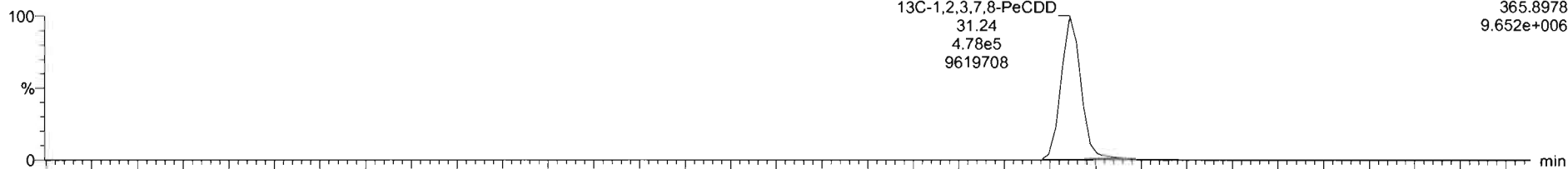


210414R1_4

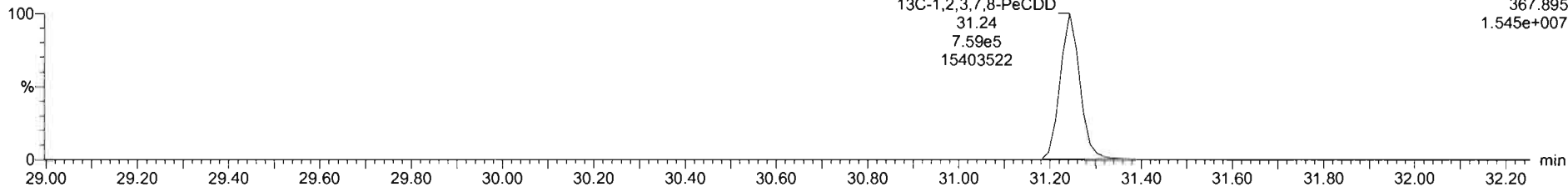


13C-1,2,3,7,8-PeCDD

210414R1_4



210414R1_4



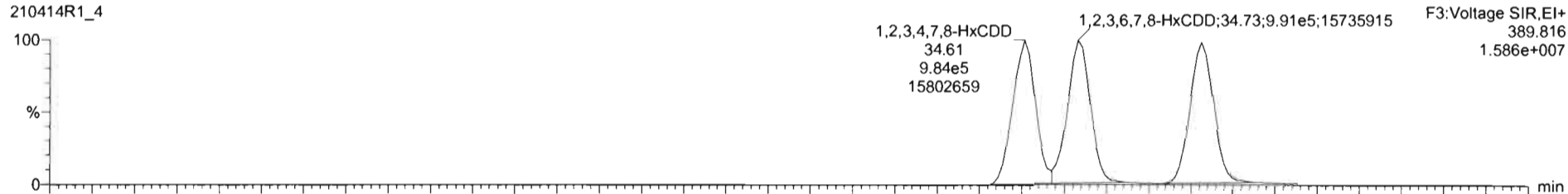
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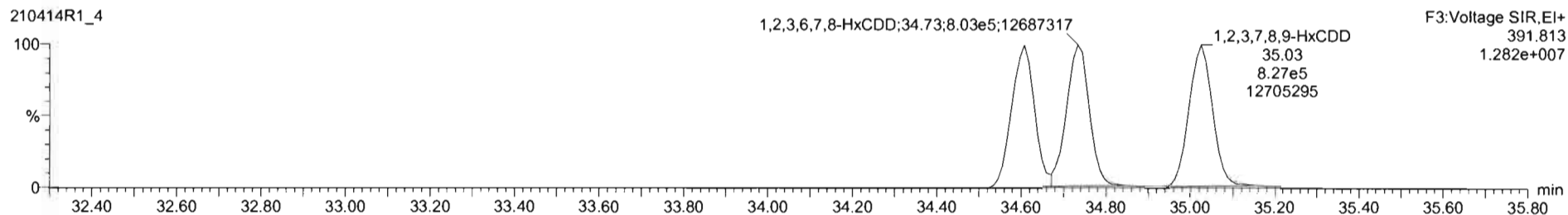
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1,2,3,4,7,8-HxCDD

210414R1_4



210414R1_4

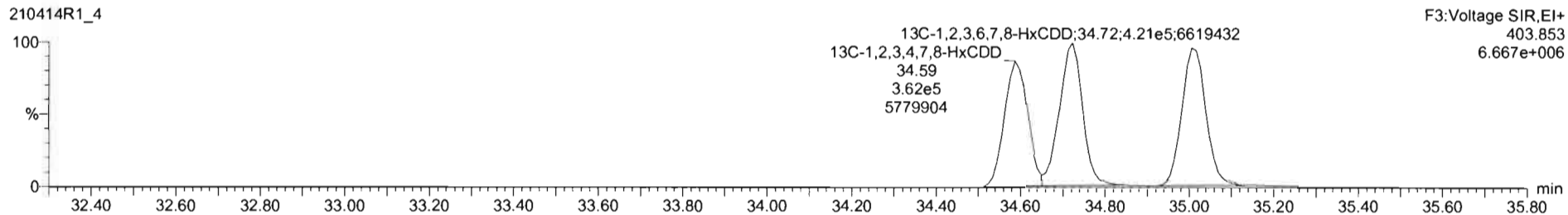


13C-1,2,3,4,7,8-HxCDD

210414R1_4



210414R1_4



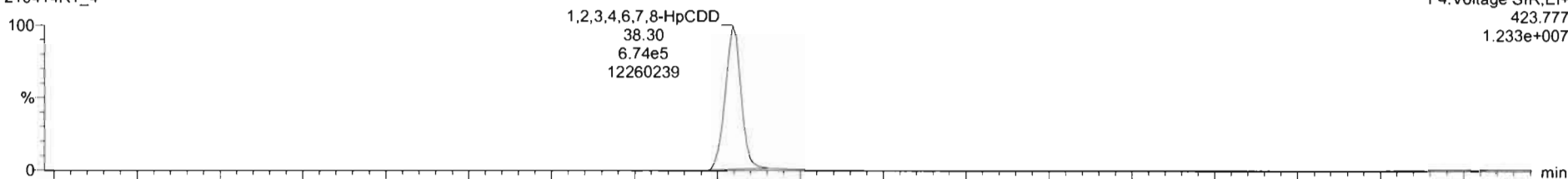
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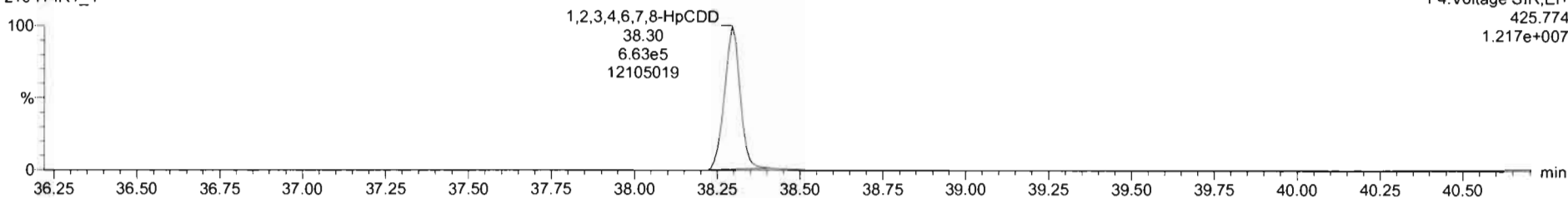
1,2,3,4,6,7,8-HpCDD

210414R1_4



F4:Voltage SIR,EI+
423.777
1.233e+007

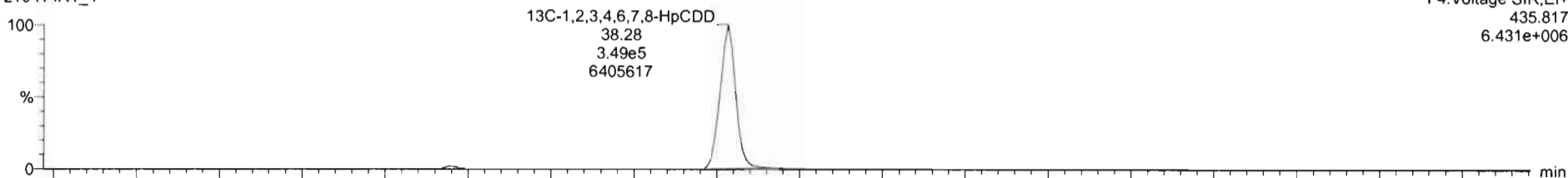
210414R1_4



F4:Voltage SIR,EI+
425.774
1.217e+007

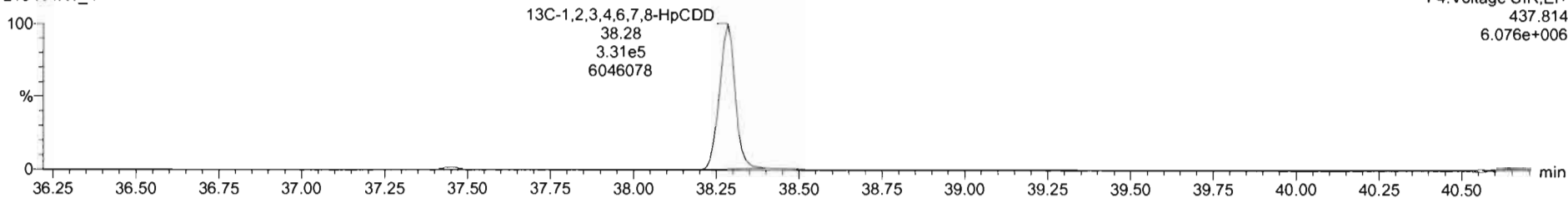
13C-1,2,3,4,6,7,8-HpCDD

210414R1_4



F4:Voltage SIR,EI+
435.817
6.431e+006

210414R1_4



F4:Voltage SIR,EI+
437.814
6.076e+006

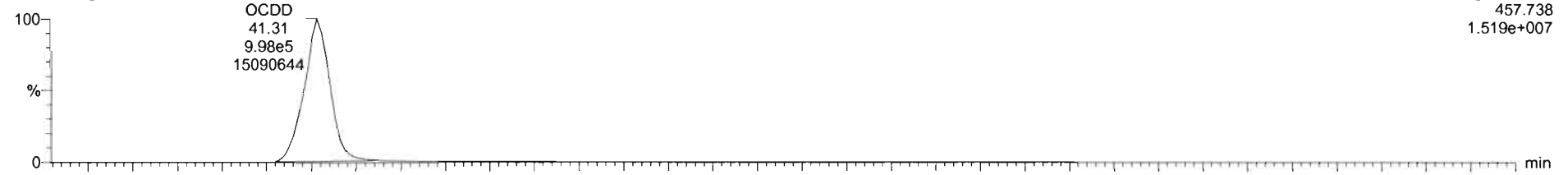
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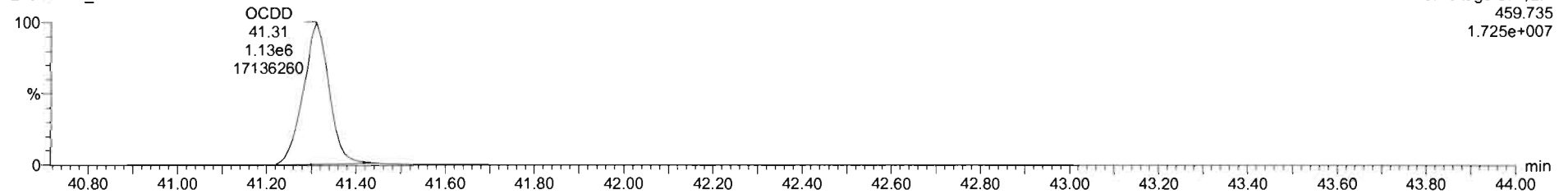
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OCDD

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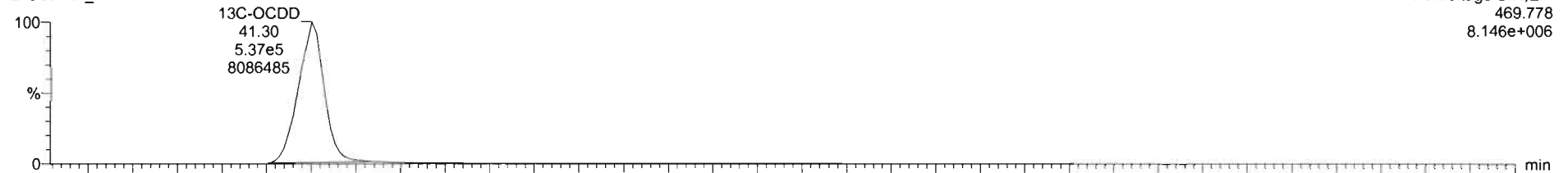


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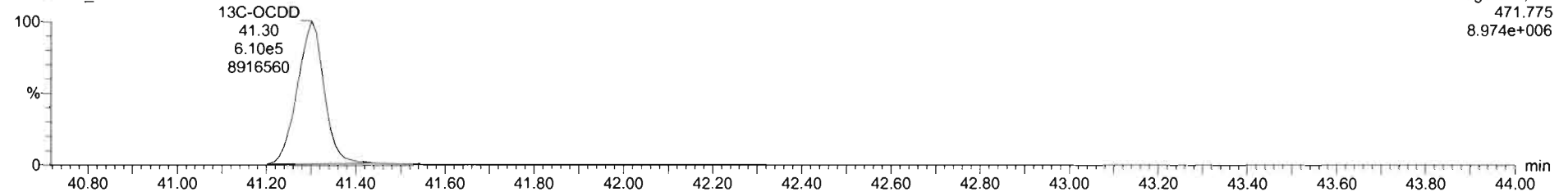


13C-OCDD

210414R1_4



210414R1_4



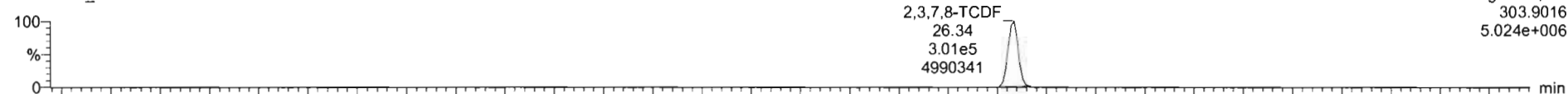
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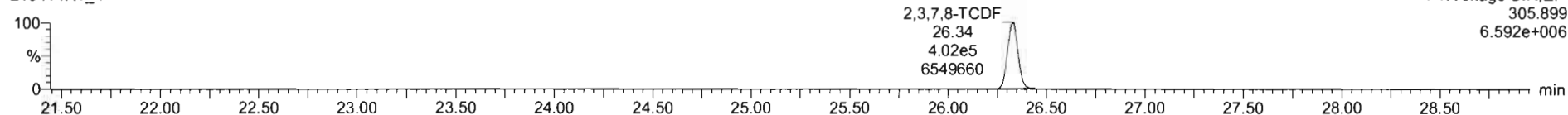
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2,3,7,8-TCDF

210414R1_4

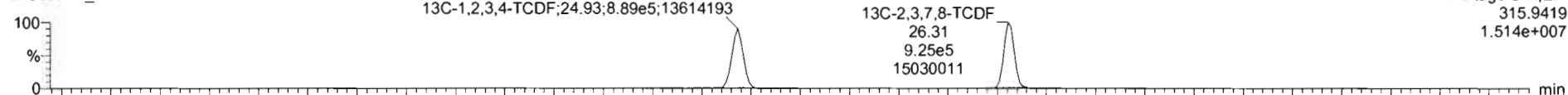


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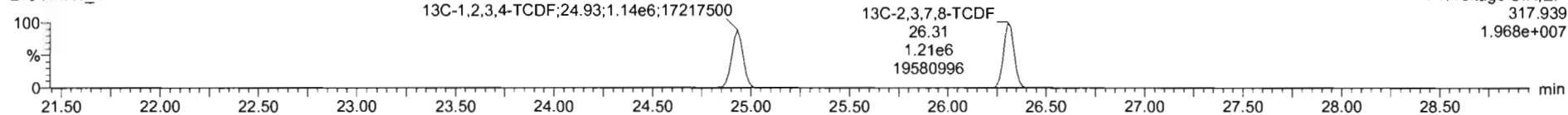


13C-2,3,7,8-TCDF

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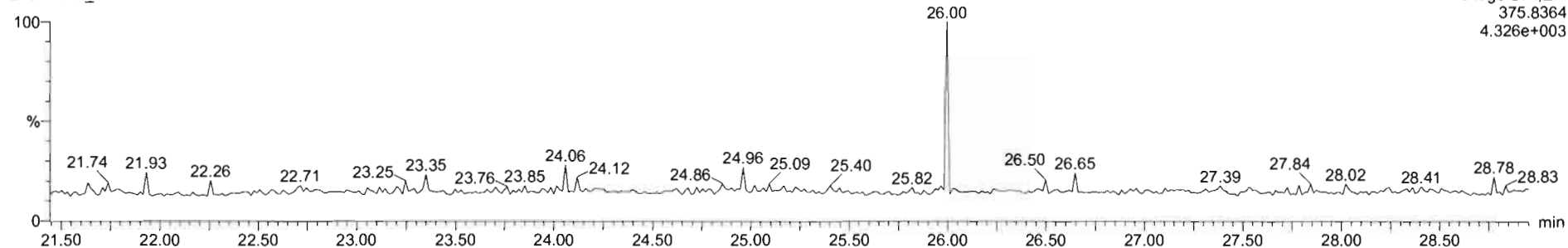


210414R1_4



DPE1

210414R1_4



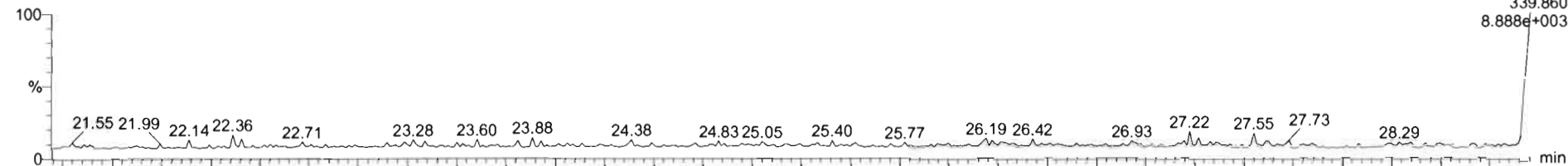
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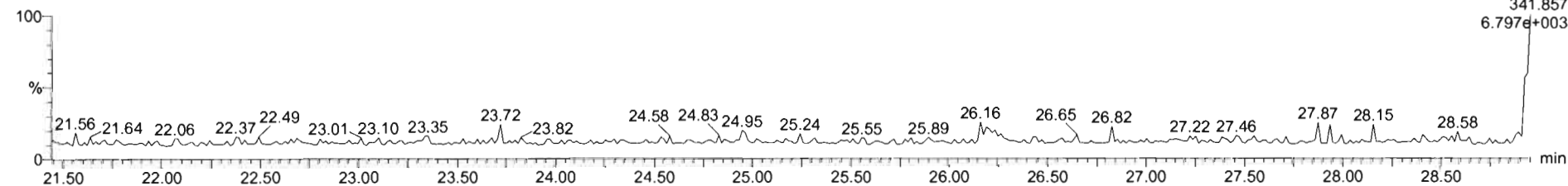
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1st Func. Penta-Furans

210414R1_4

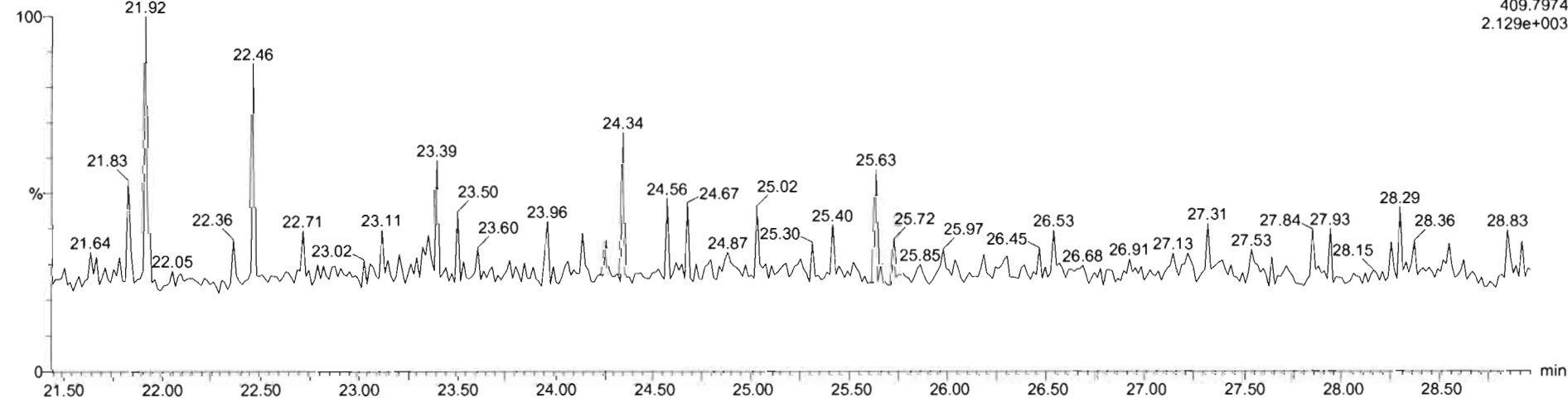


210414R1_4



DPE6

210414R1_4



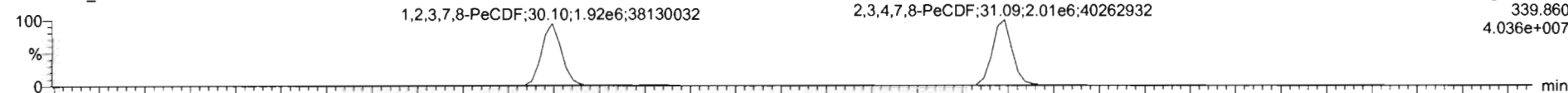
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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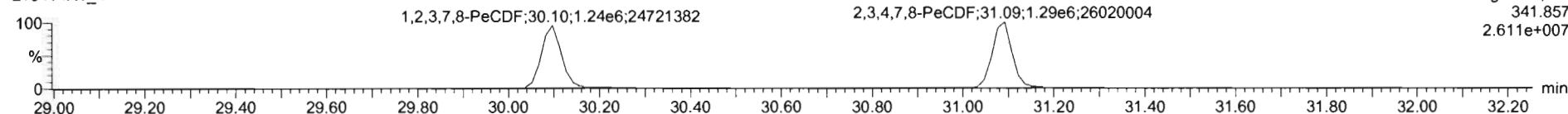
1,2,3,7,8-PeCDF

210414R1_4



F2:Voltage SIR,EI+
339.860
4.036e+007

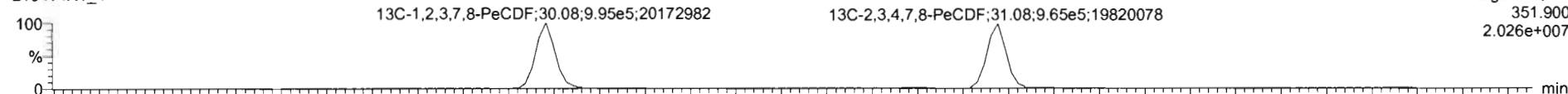
210414R1_4



F2:Voltage SIR,EI+
341.857
2.611e+007

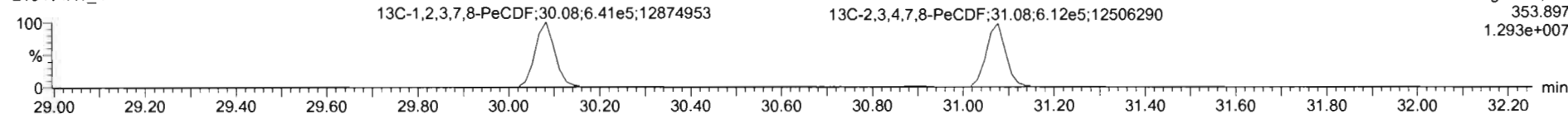
13C-1,2,3,7,8-PeCDF

210414R1_4



F2:Voltage SIR,EI+
351.900
2.026e+007

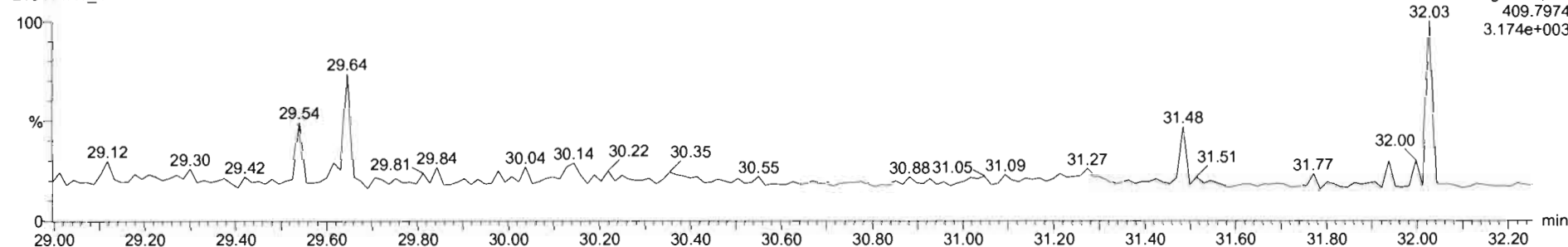
210414R1_4



F2:Voltage SIR,EI+
353.897
1.293e+007

DPE2

210414R1_4



F2:Voltage SIR,EI+
32.03
409.7974
3.174e+007

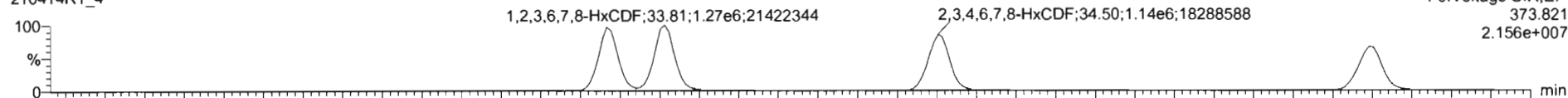
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

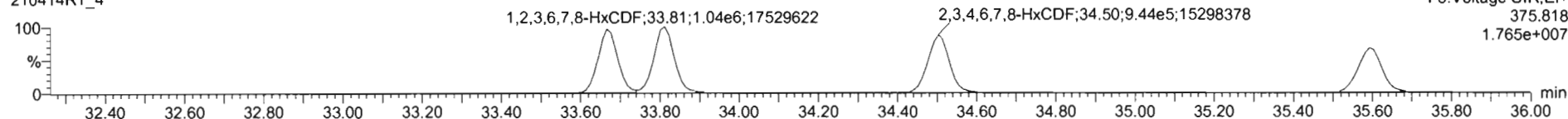
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1,2,3,4,7,8-HxCDF

210414R1_4

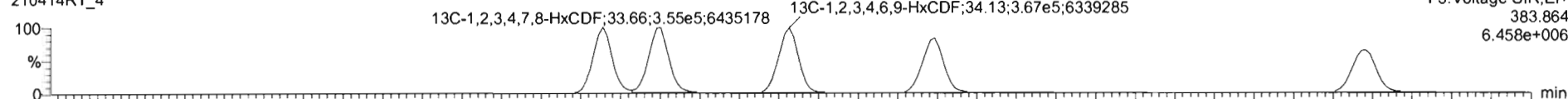


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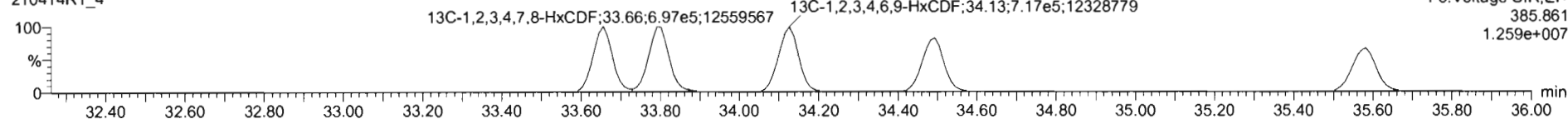


13C-1,2,3,4,7,8-HxCDF

210414R1_4

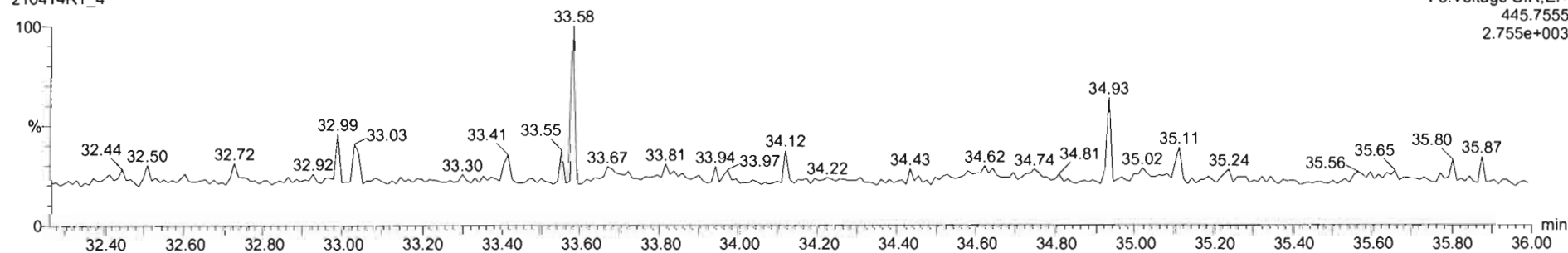


210414R1_4



DPE3

210414R1_4



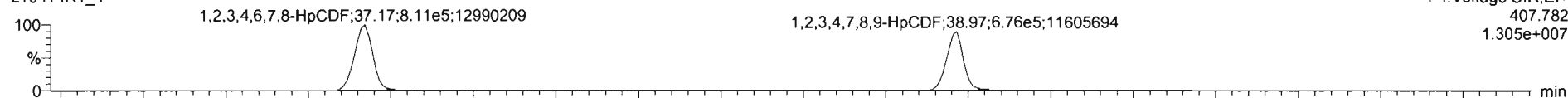
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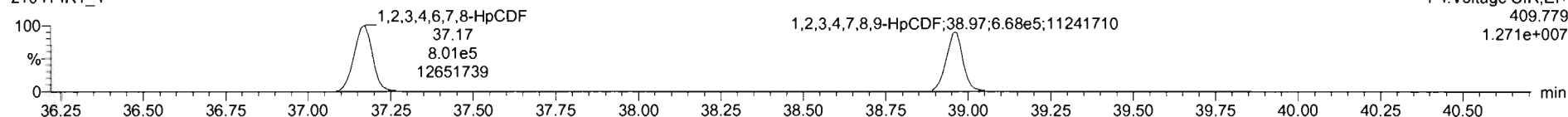
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1,2,3,4,6,7,8-HpCDF

210414R1_4

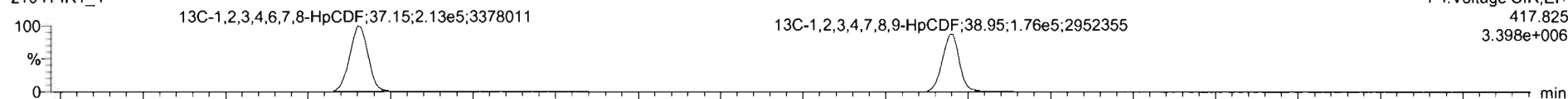


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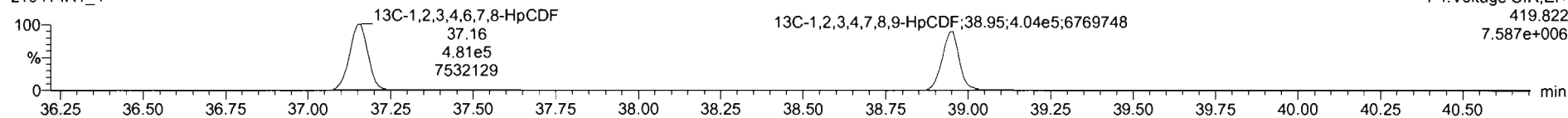


13C-1,2,3,4,6,7,8-HpCDF

210414R1_4

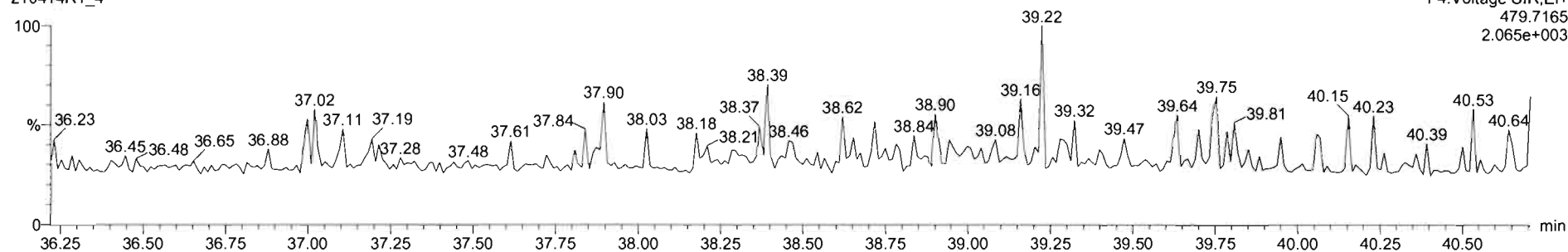


210414R1_4



DPE4

210414R1_4

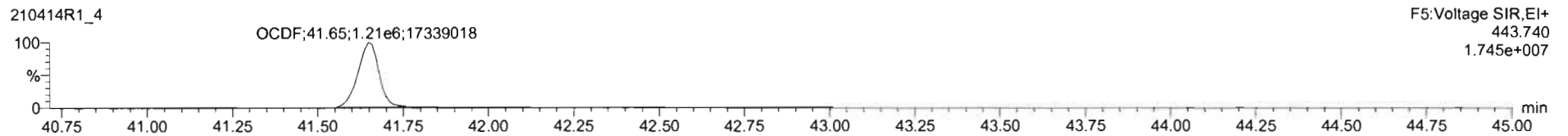
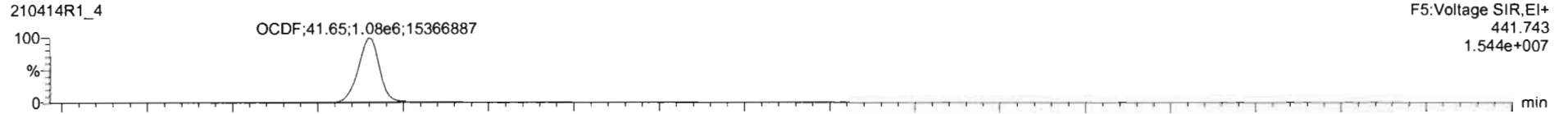


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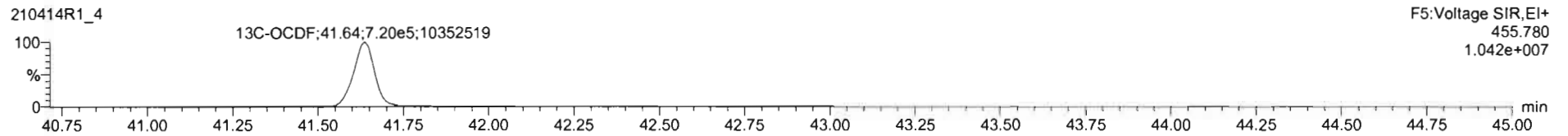
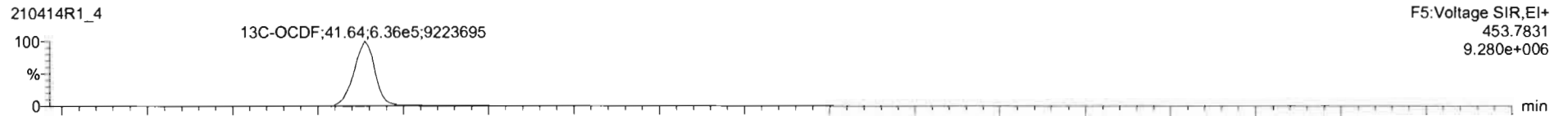
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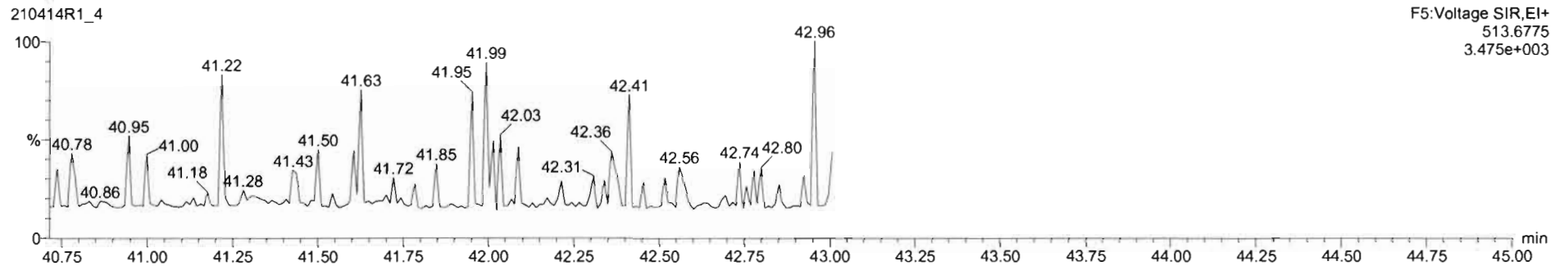
OCDF



13C-OCDF



DPE5



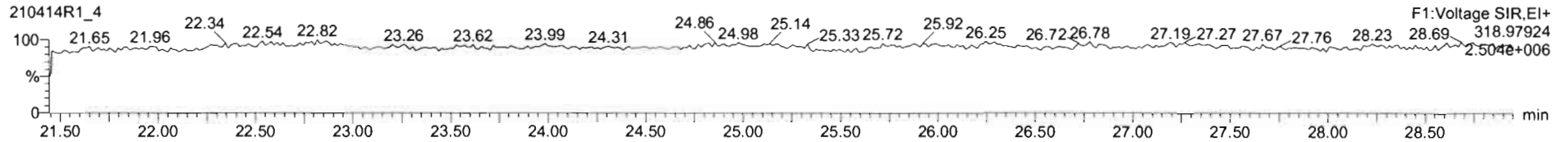
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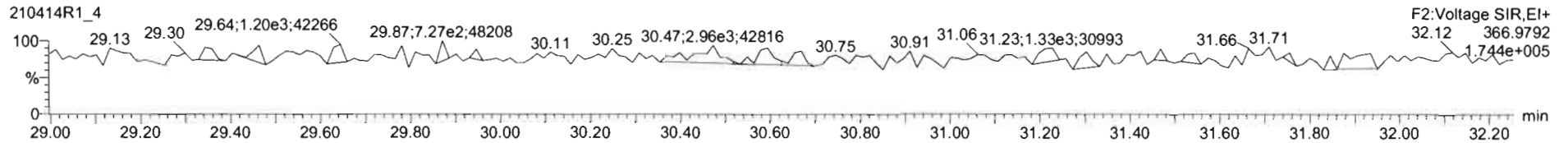
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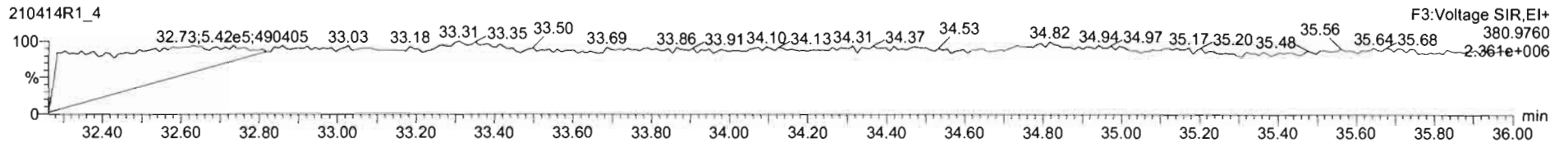
PFK1



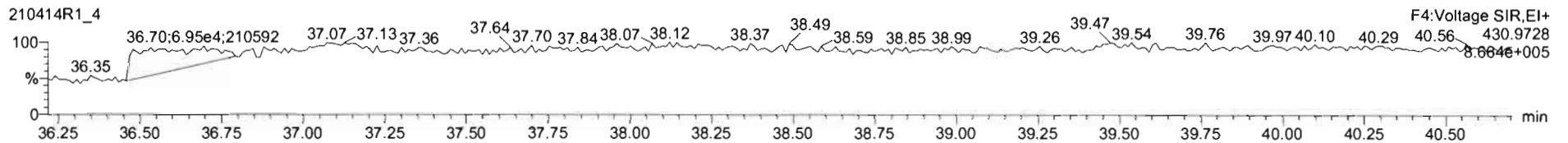
PFK2



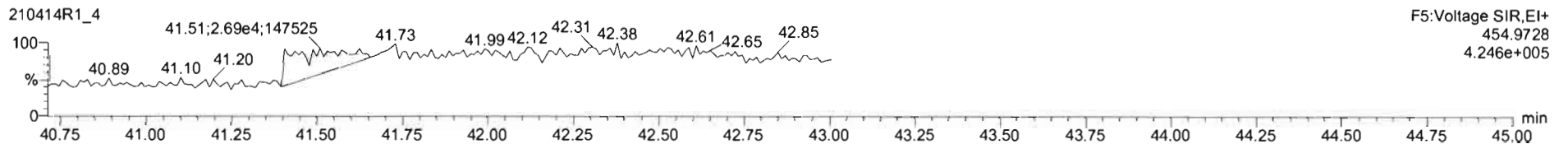
PFK3



PFK4



PFK5



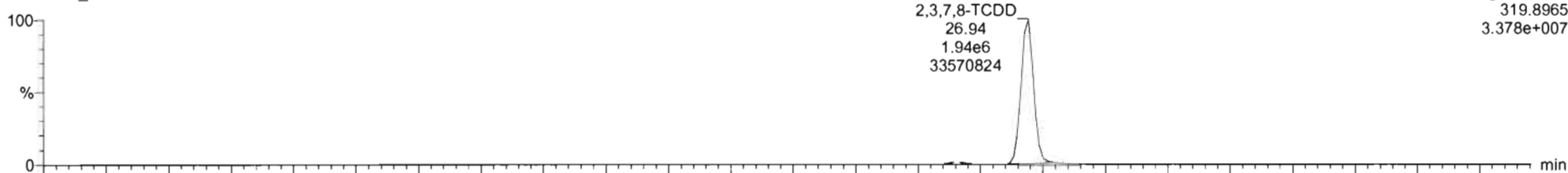
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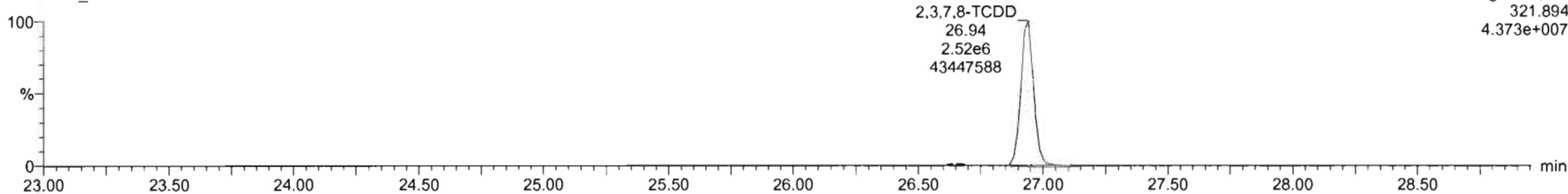
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2,3,7,8-TCDD

210414R1_5

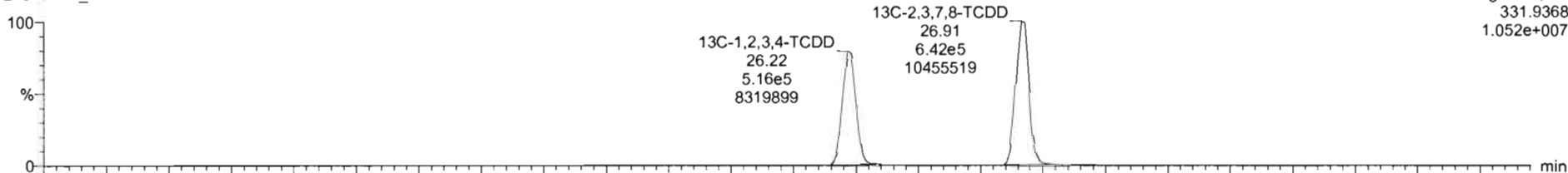


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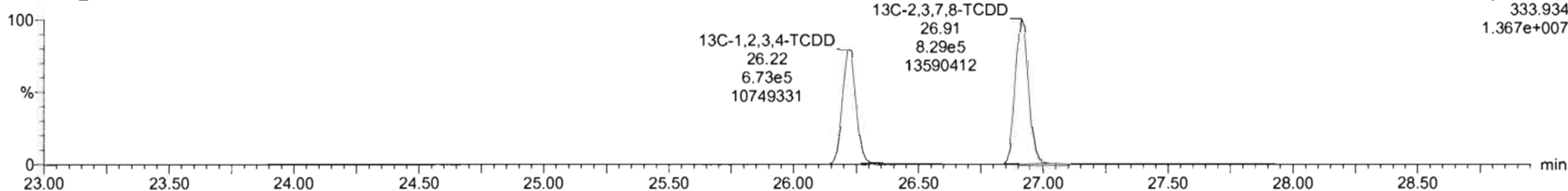


13C-2,3,7,8-TCDD

210414R1_5



210414R1_5



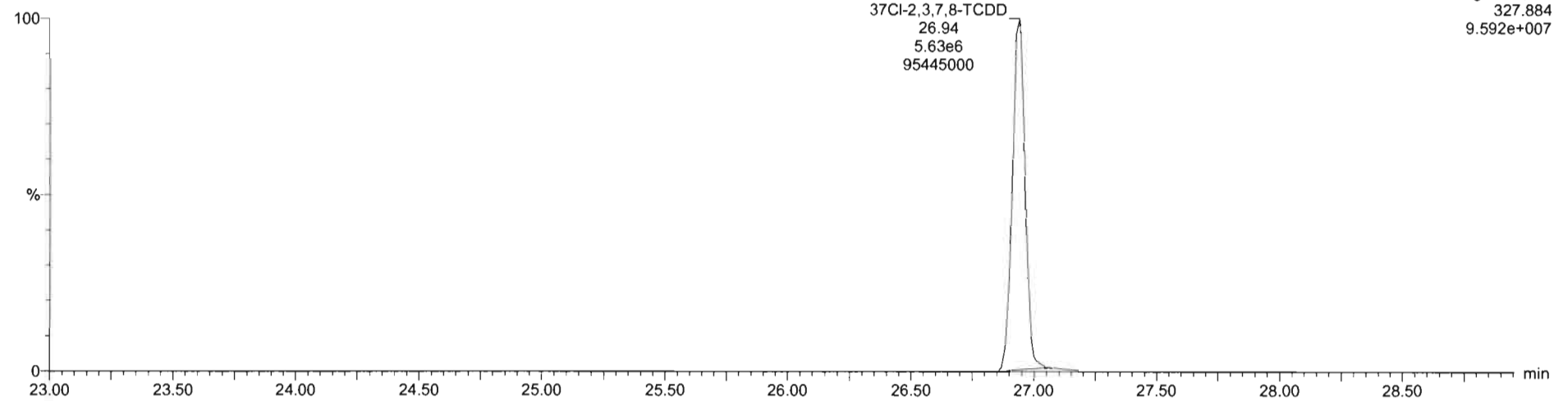
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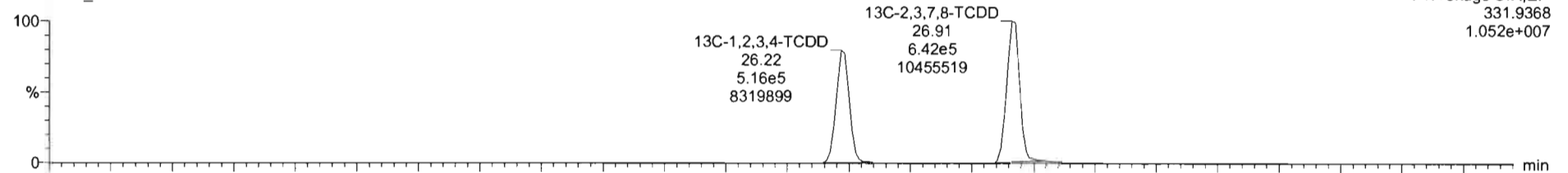
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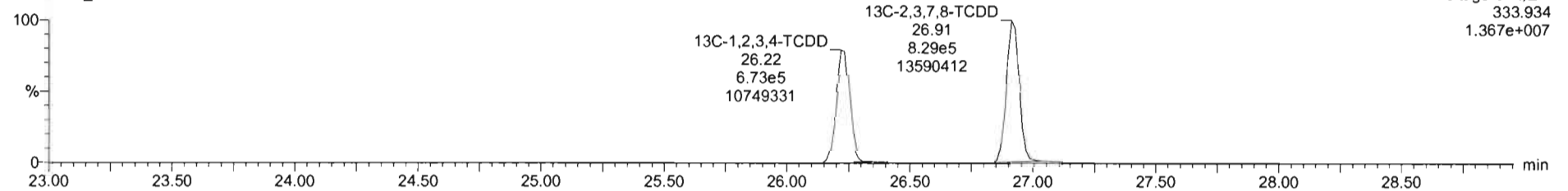


13C-1,2,3,4-TCDD

210414R1_5



210414R1_5



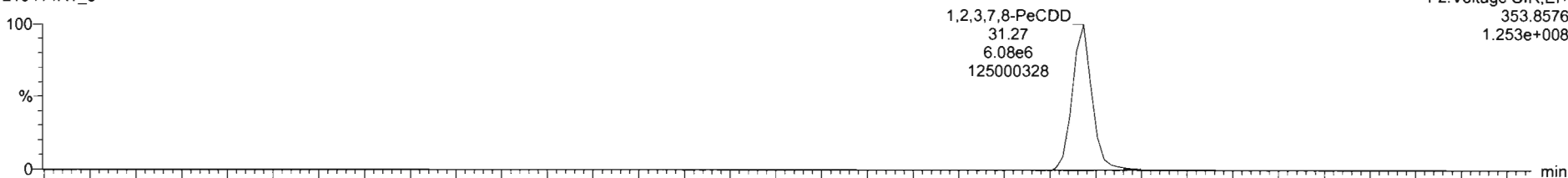
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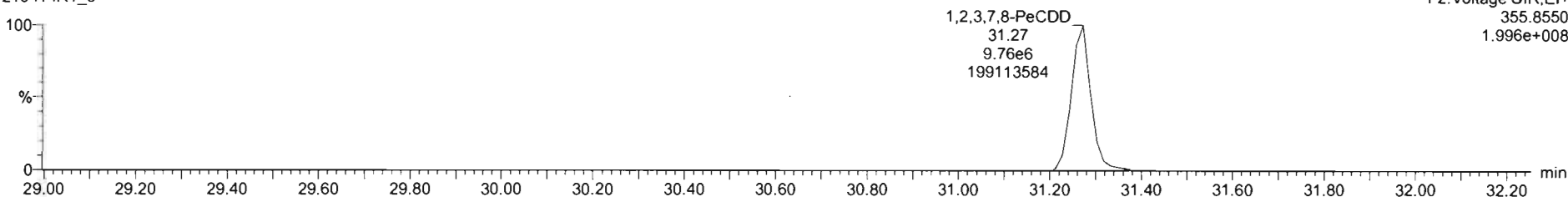
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1,2,3,7,8-PeCDD

210414R1_5

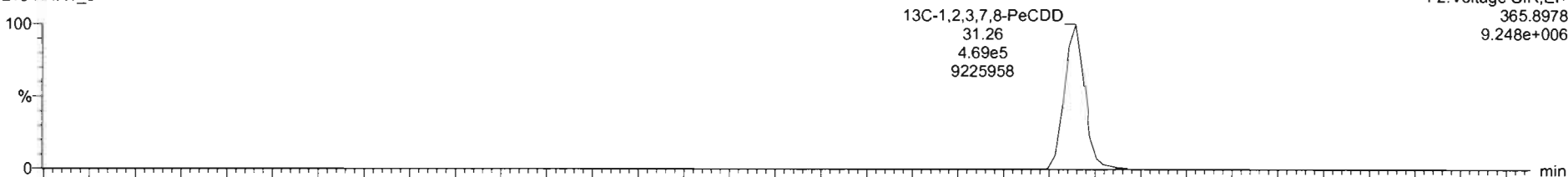


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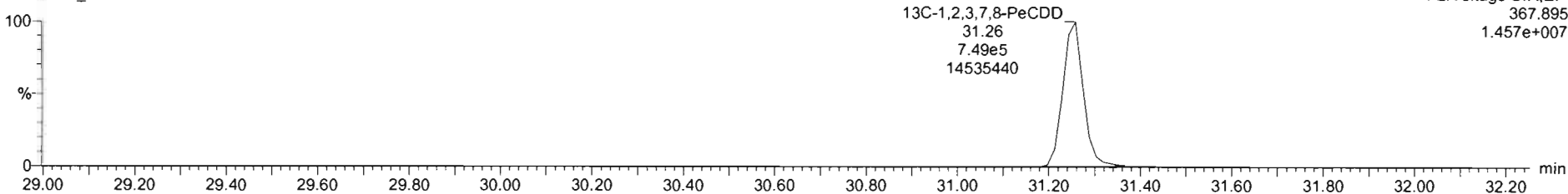


13C-1,2,3,7,8-PeCDD

210414R1_5



210414R1_5



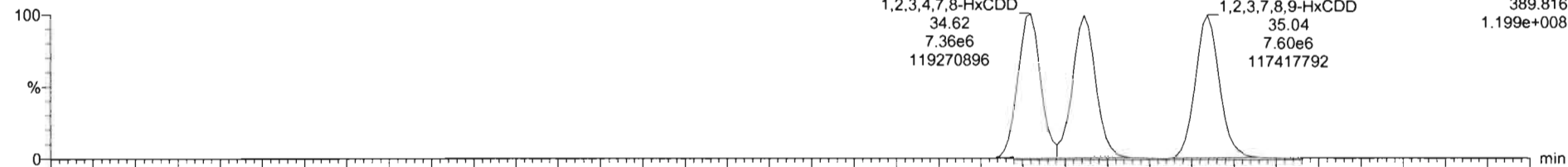
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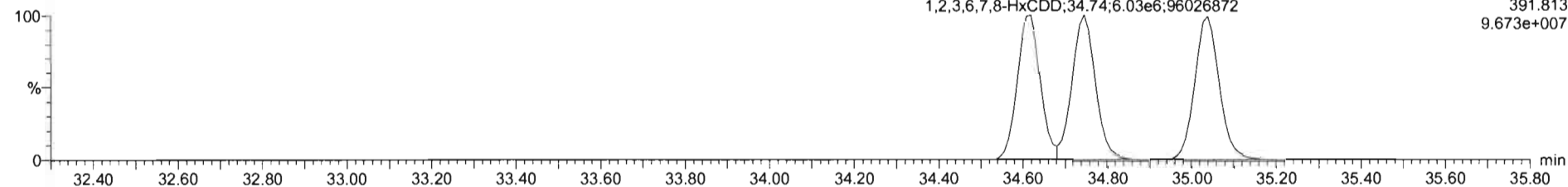
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1,2,3,4,7,8-HxCDD

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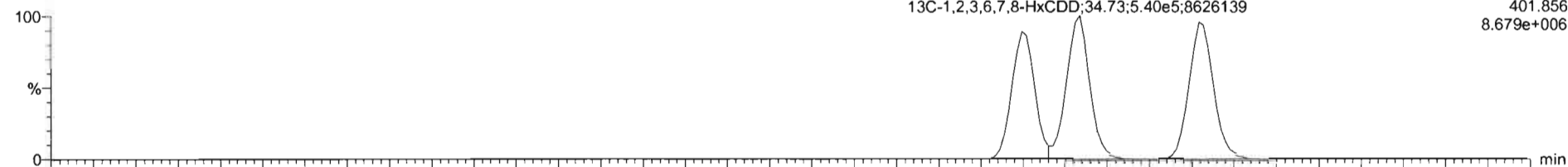


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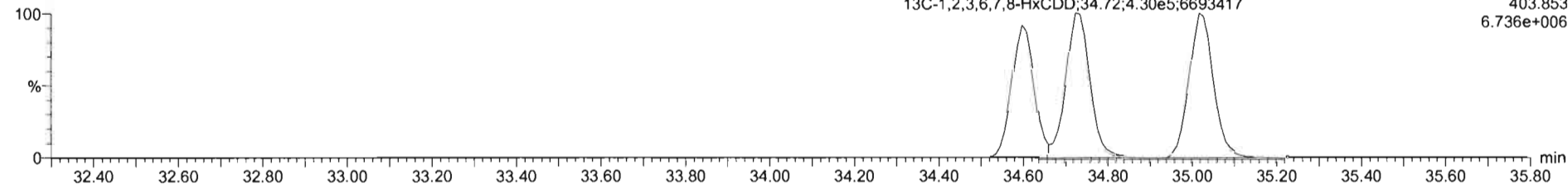


13C-1,2,3,4,7,8-HxCDD

210414R1_5



210414R1_5



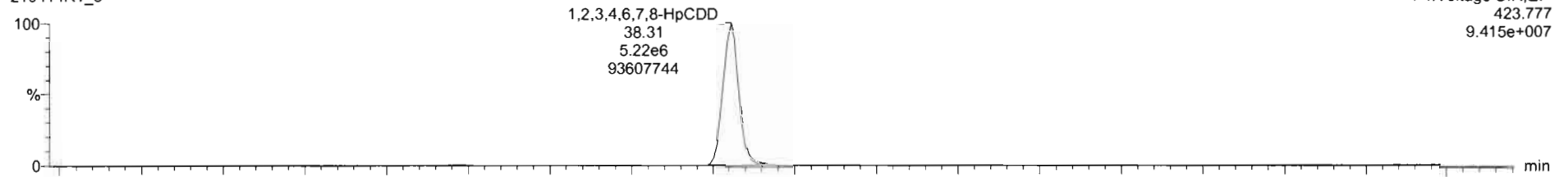
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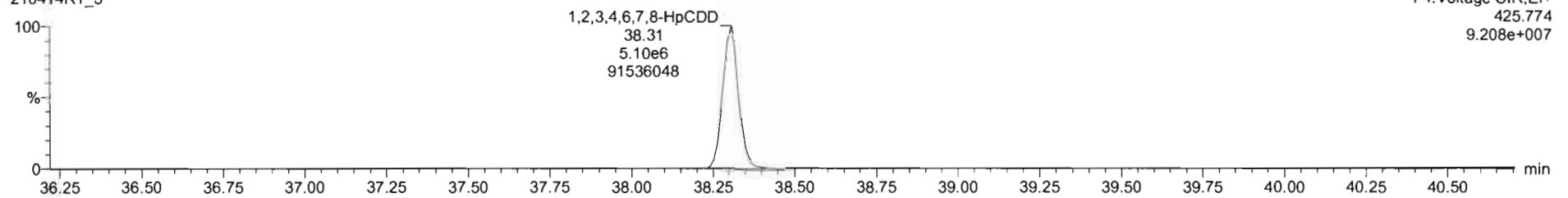
1,2,3,4,6,7,8-HpCDD

210414R1_5



F4:Voltage SIR,EI+
423.777
9.415e+007

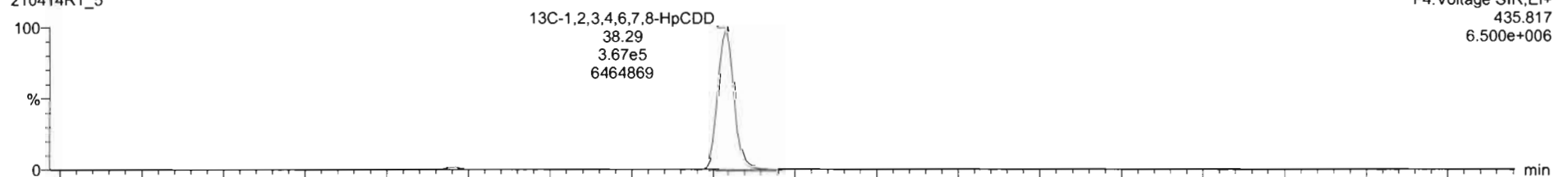
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F4:Voltage SIR,EI+
425.774
9.208e+007

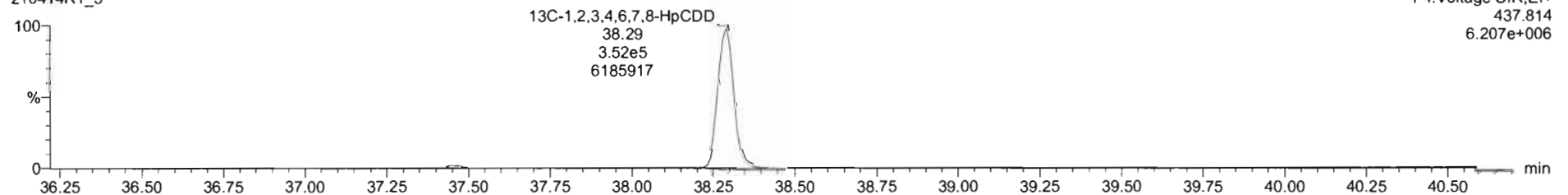
13C-1,2,3,4,6,7,8-HpCDD

210414R1_5



F4:Voltage SIR,EI+
435.817
6.500e+006

210414R1_5



F4:Voltage SIR,EI+
437.814
6.207e+006

Dataset: Untitled

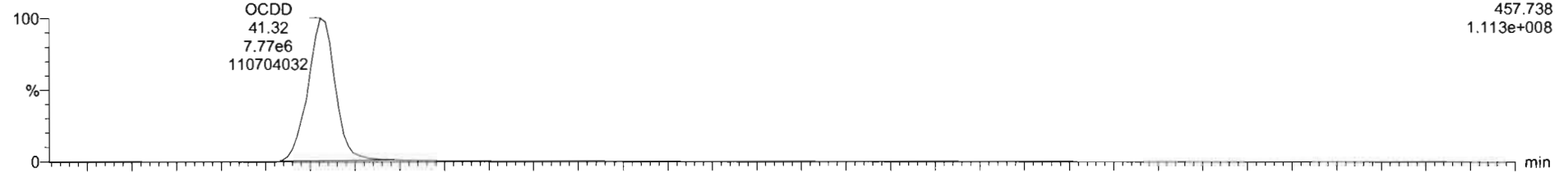
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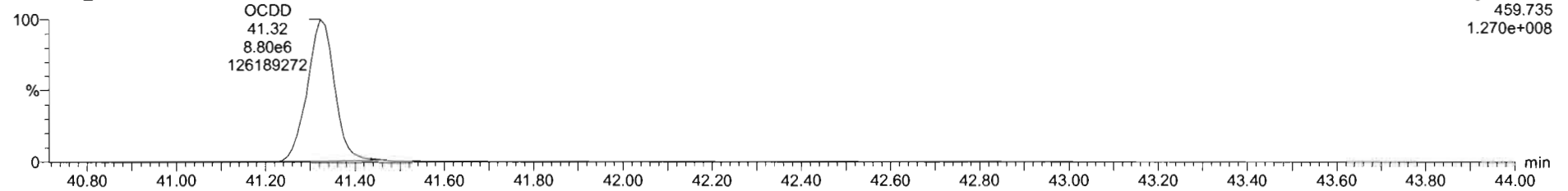
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OCDD

210414R1_5

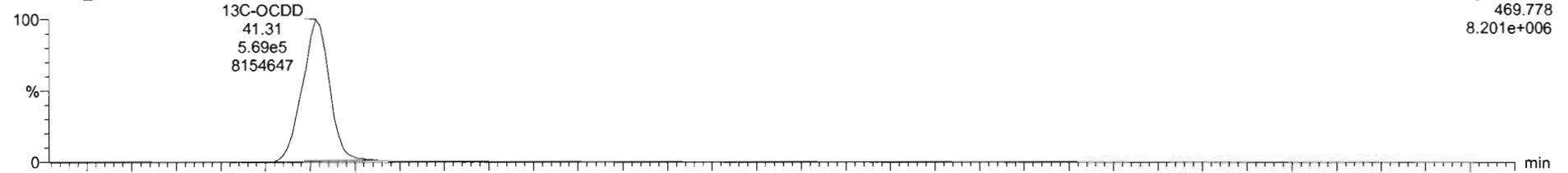


210414R1_5

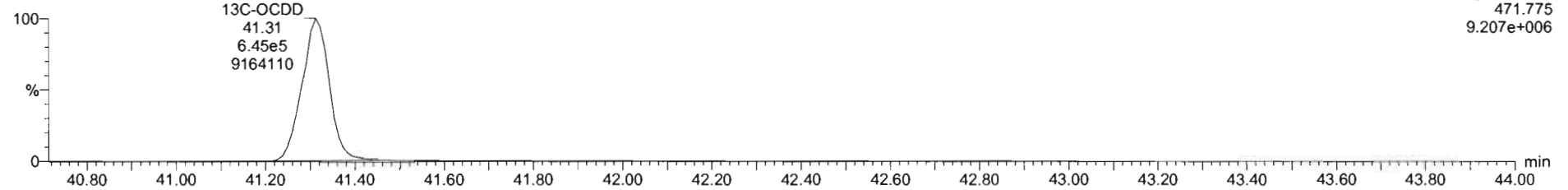


13C-OCDD

210414R1_5



210414R1_5



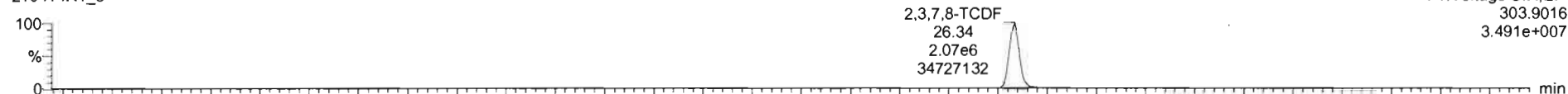
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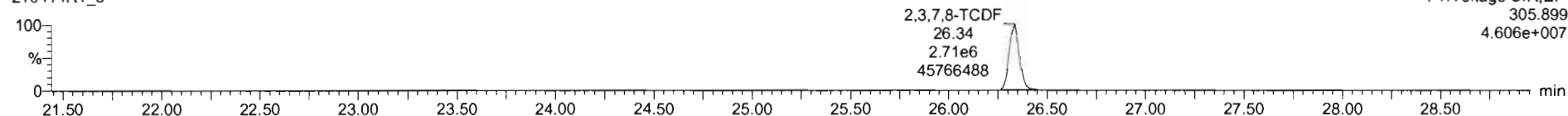
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2,3,7,8-TCDF

210414R1_5

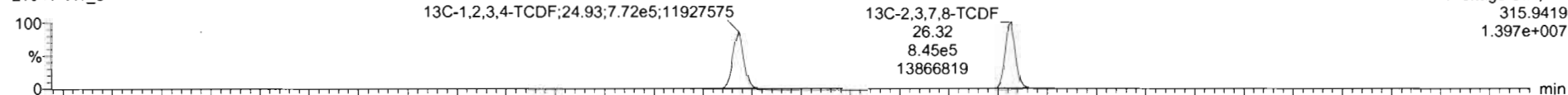


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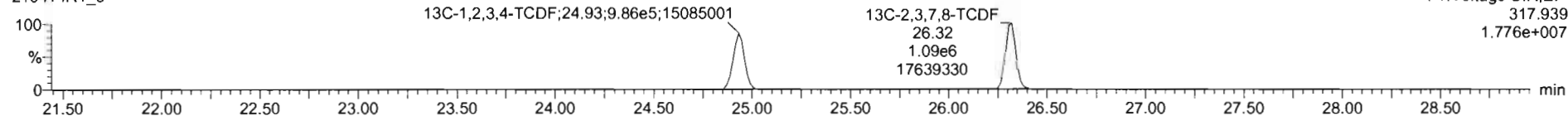


13C-2,3,7,8-TCDF

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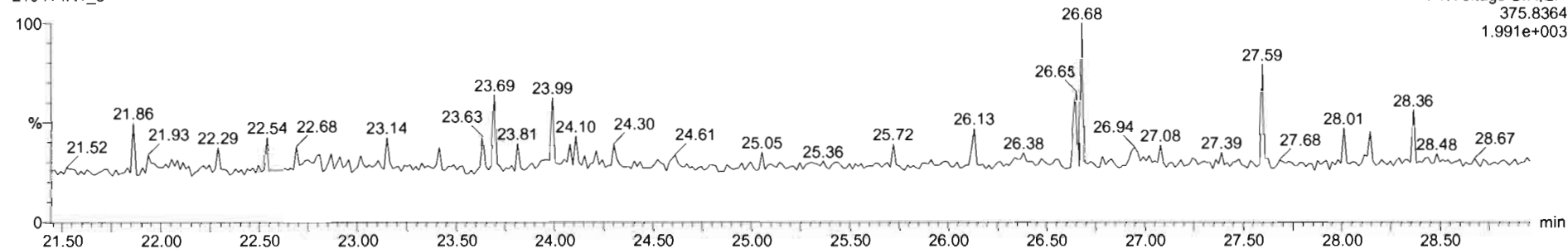


210414R1_5



DPE1

210414R1_5



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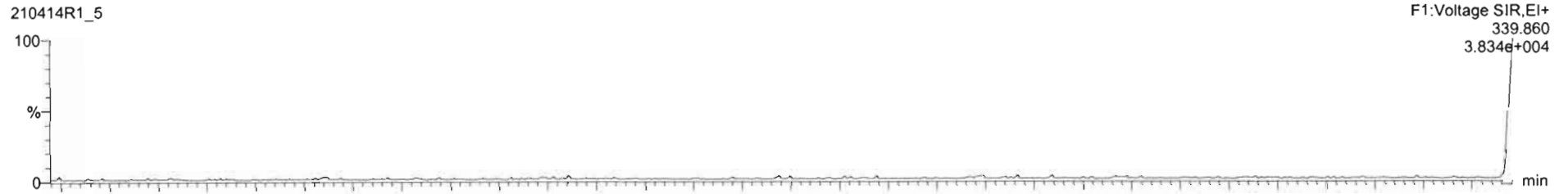
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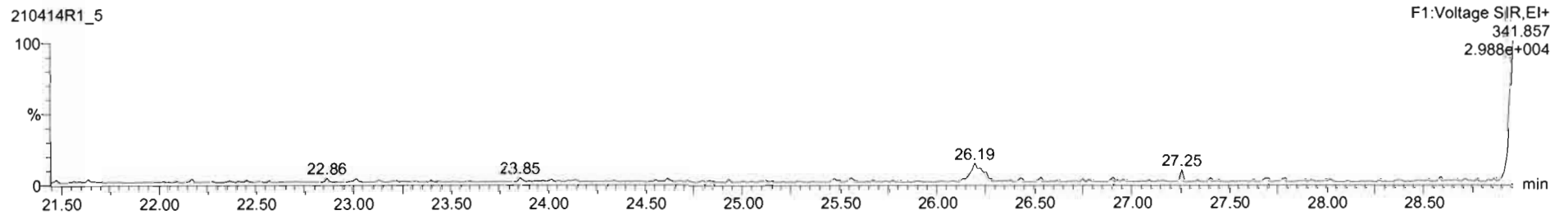
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1st Func. Penta-Furans

210414R1_5

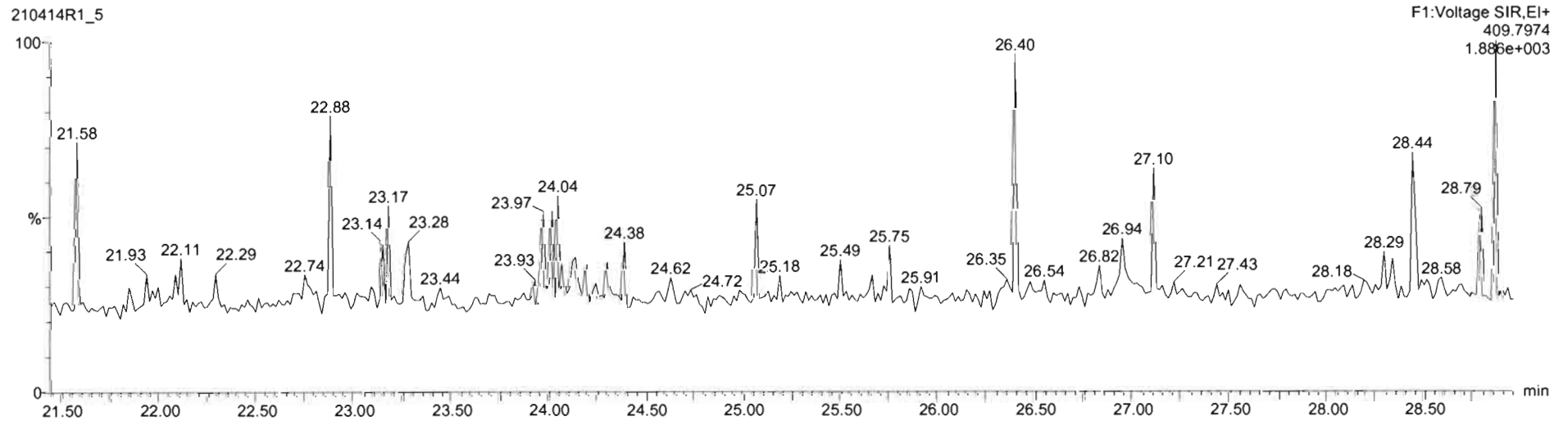


210414R1_5



DPE6

210414R1_5



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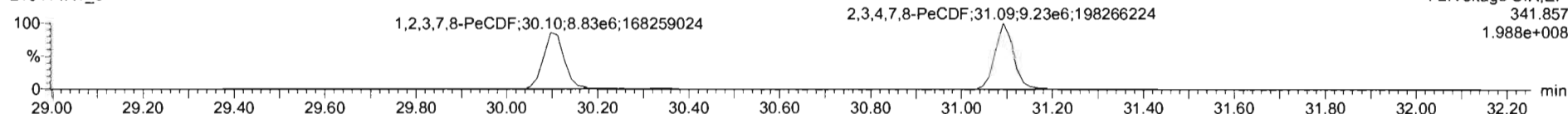
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1,2,3,7,8-PeCDF

210414R1_5

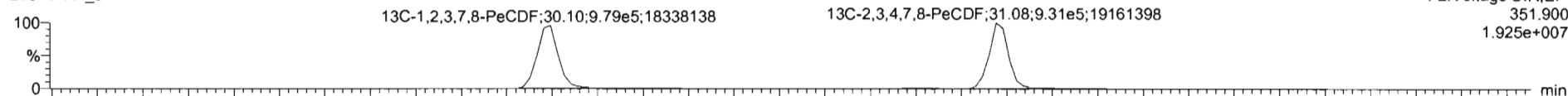


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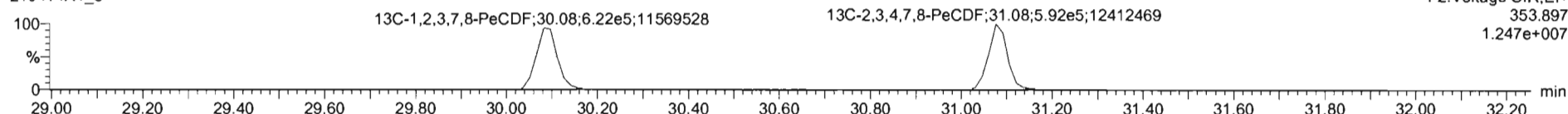


13C-1,2,3,7,8-PeCDF

210414R1_5

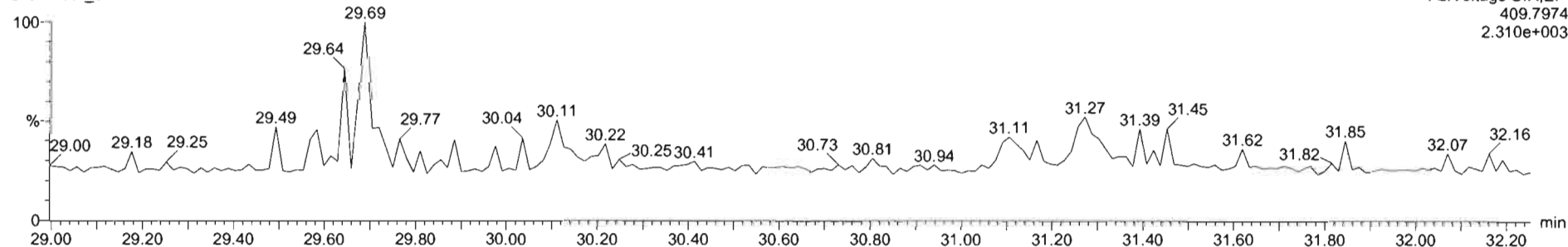


210414R1_5



DPE2

210414R1_5



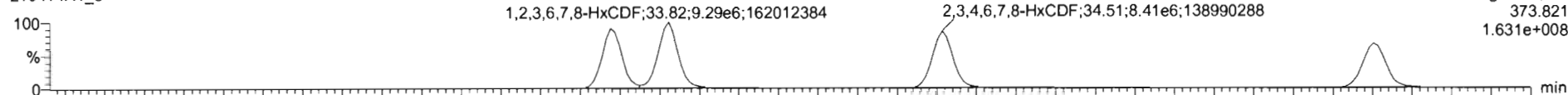
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

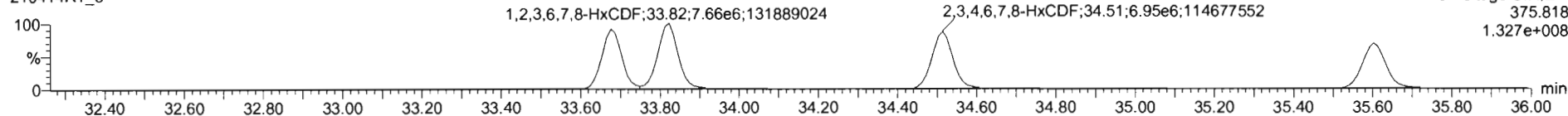
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1,2,3,4,7,8-HxCDF

210414R1_5

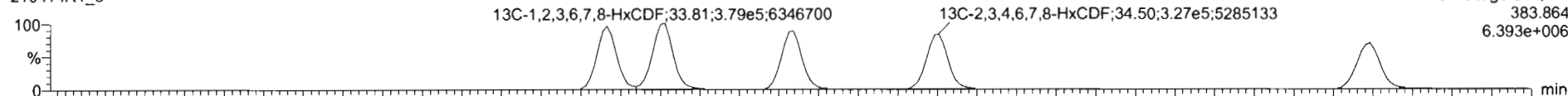


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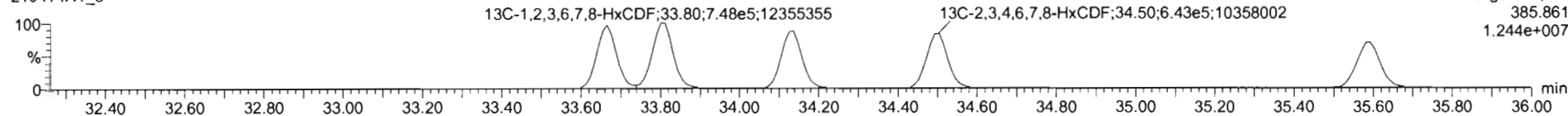


13C-1,2,3,4,7,8-HxCDF

210414R1_5

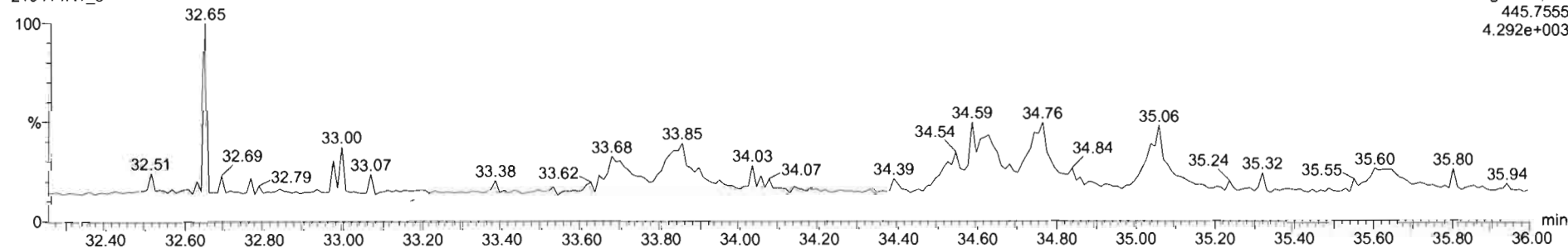


210414R1_5



DPE3

210414R1_5



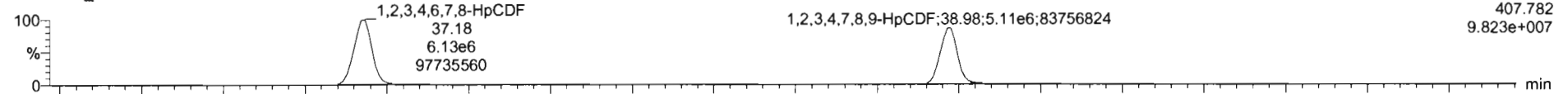
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Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

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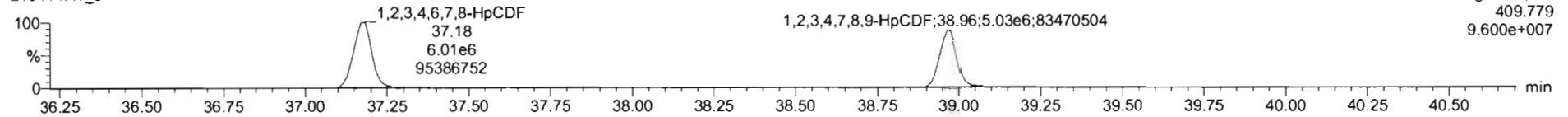
1,2,3,4,6,7,8-HpCDF

210414R1_5



F4:Voltage SIR,EI+
407.782
9.823e+007

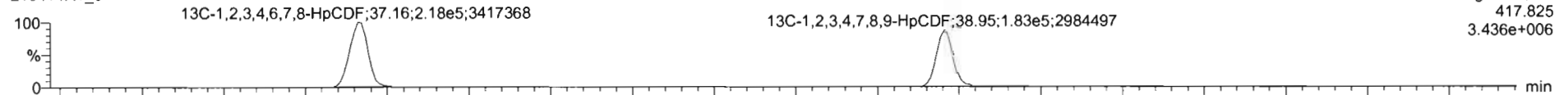
210414R1_5



F4:Voltage SIR,EI+
409.779
9.600e+007

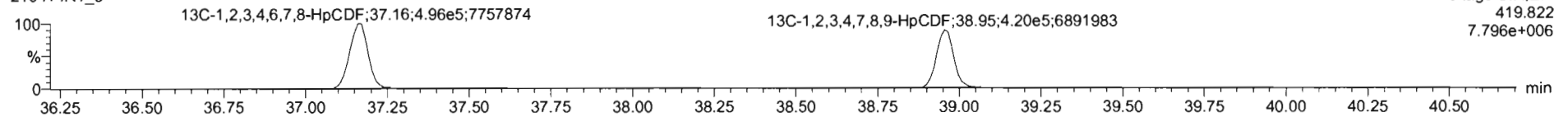
13C-1,2,3,4,6,7,8-HpCDF

210414R1_5



F4:Voltage SIR,EI+
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3.436e+006

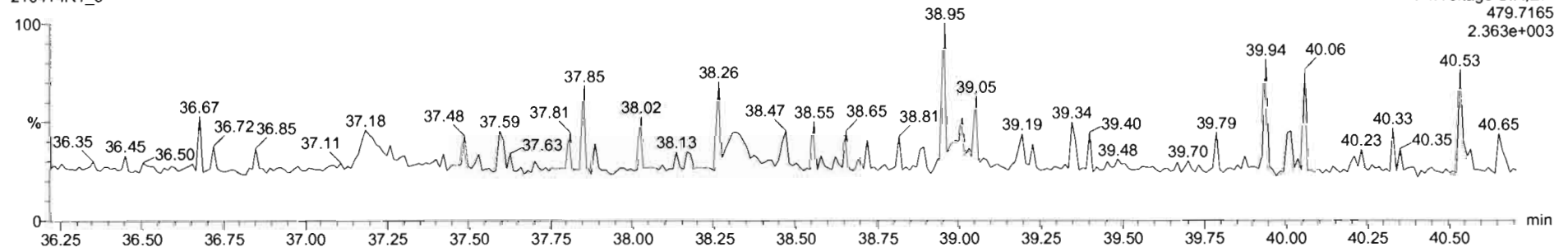
210414R1_5



F4:Voltage SIR,EI+
419.822
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DPE4

210414R1_5



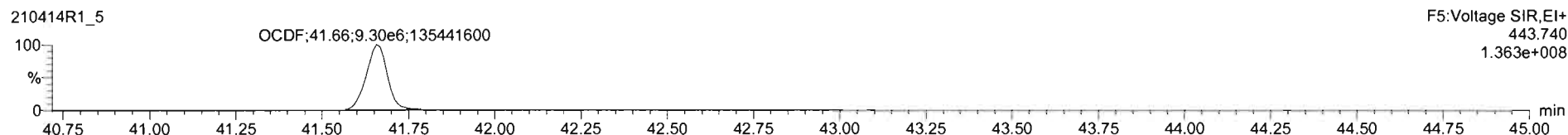
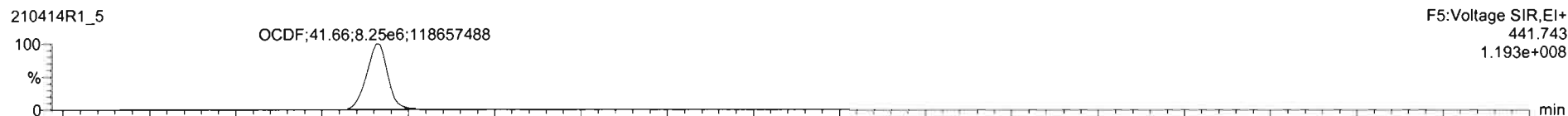
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479.7165
2.363e+003

Dataset: Untitled

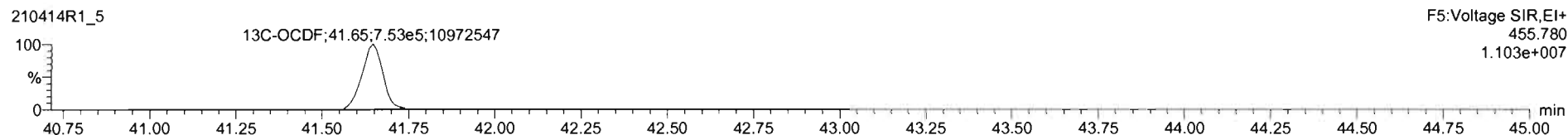
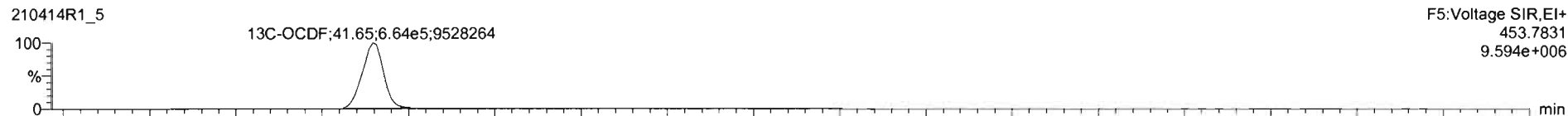
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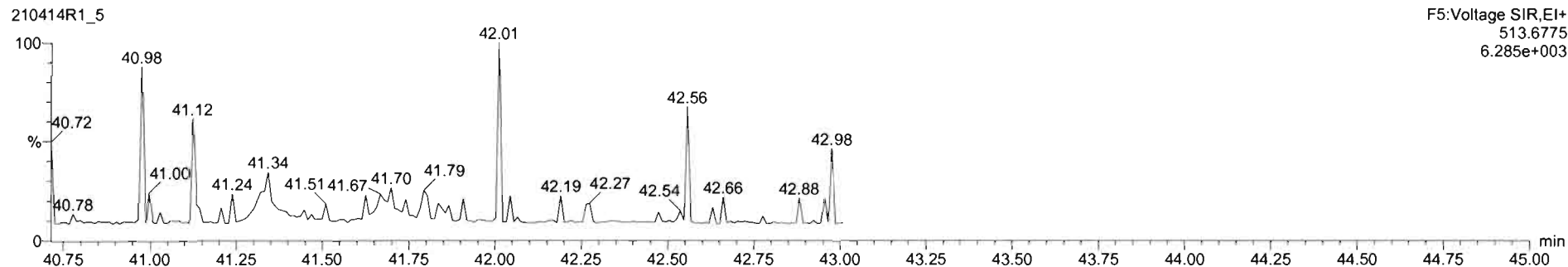
OCDF



13C-OCDF



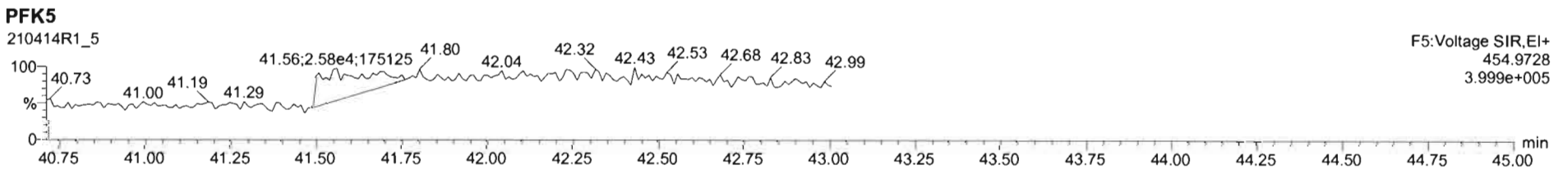
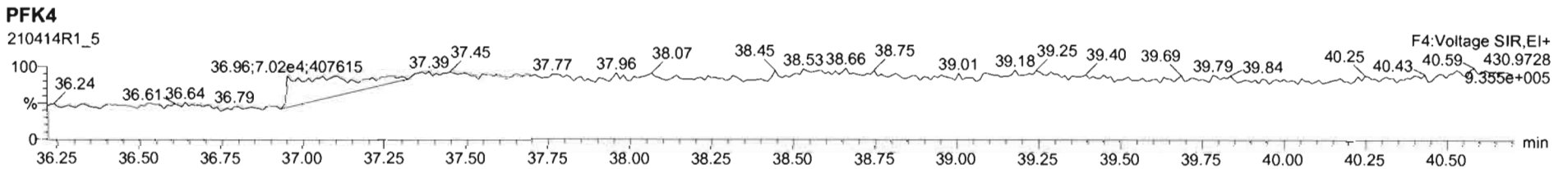
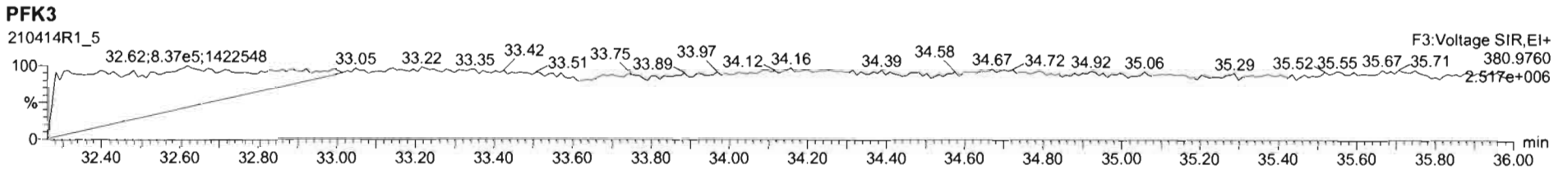
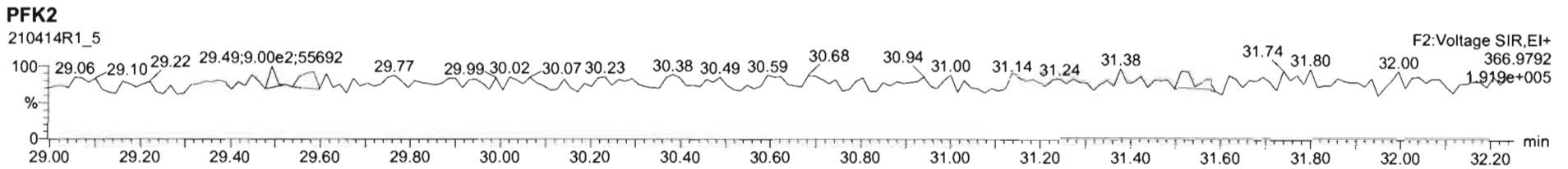
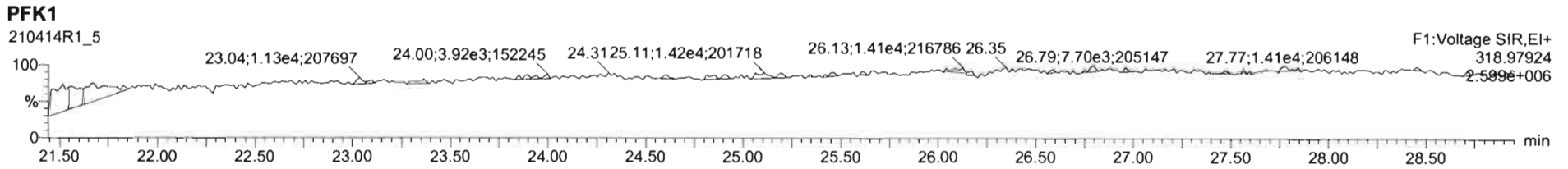
DPE5



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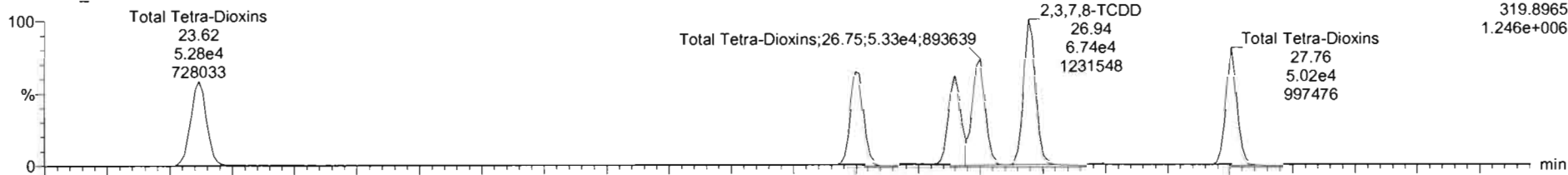
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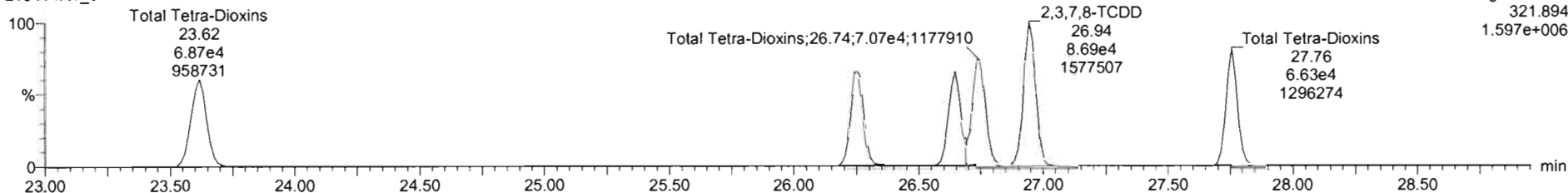
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2,3,7,8-TCDD

210414R1_6

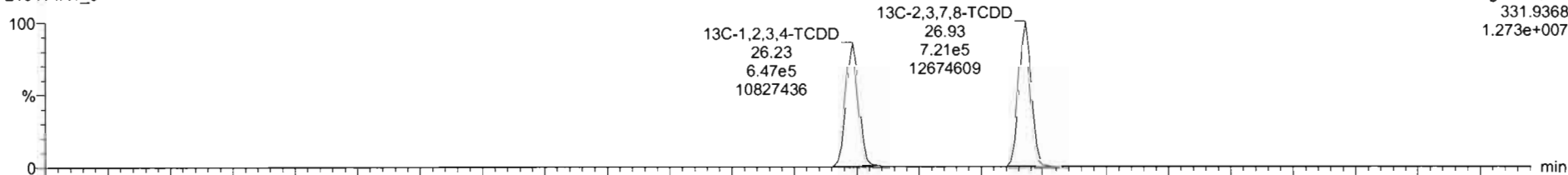


210414R1_6

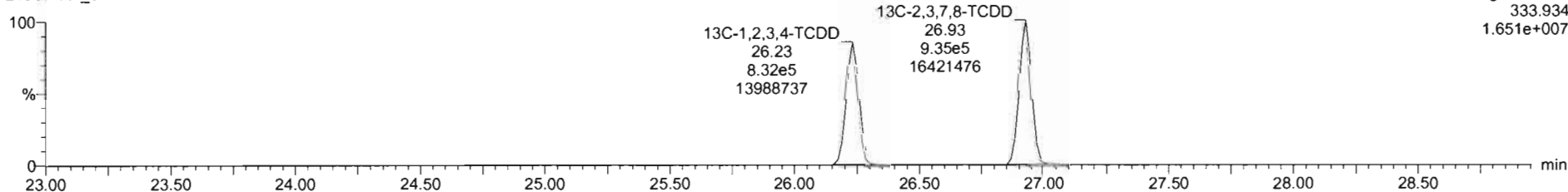


13C-2,3,7,8-TCDD

210414R1_6



210414R1_6



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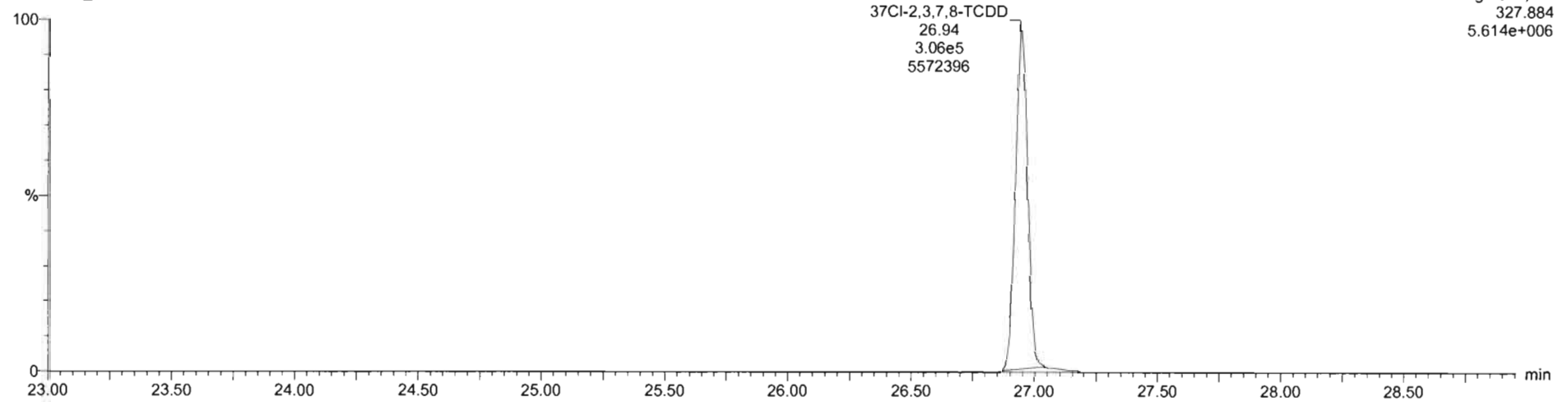
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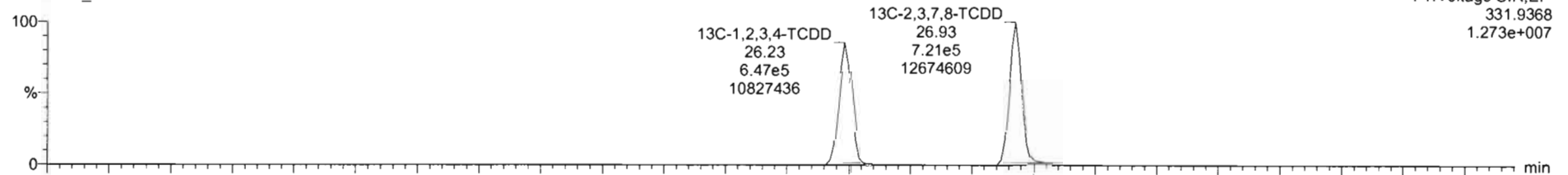
37Cl-2,3,7,8-TCDD

210414R1_6

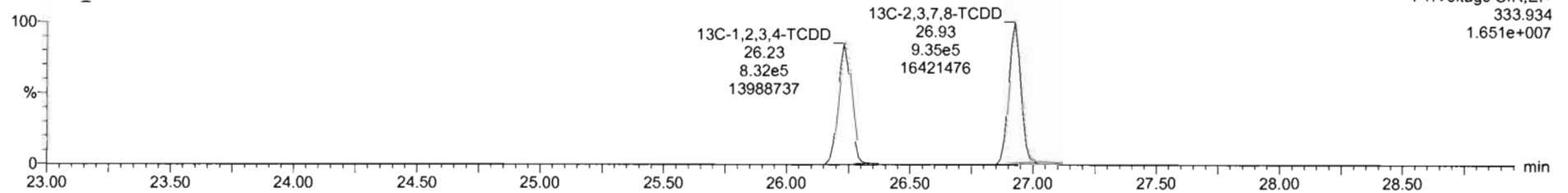


13C-1,2,3,4-TCDD

210414R1_6



210414R1_6

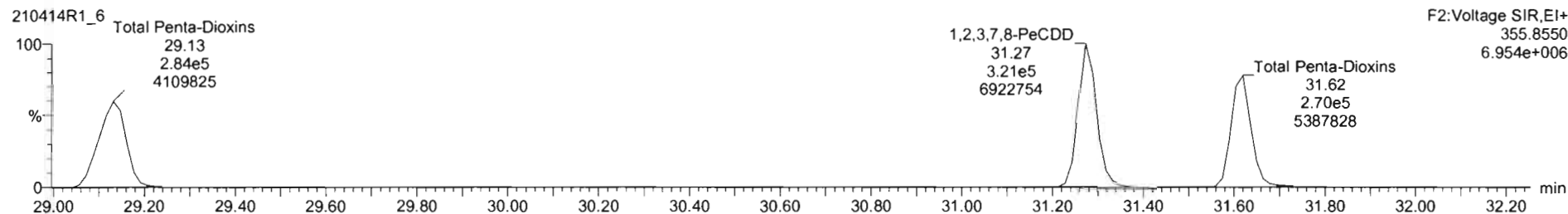
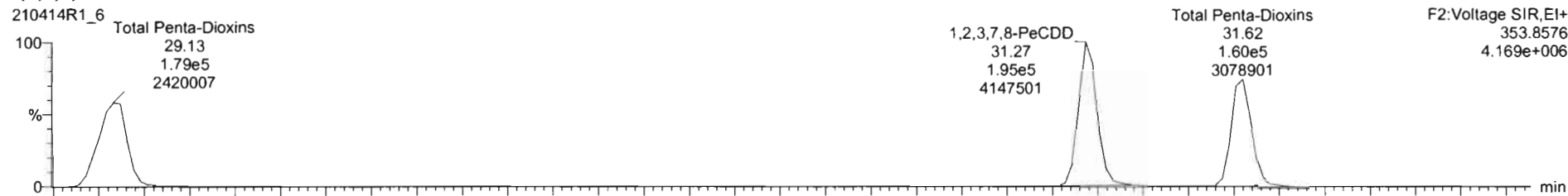


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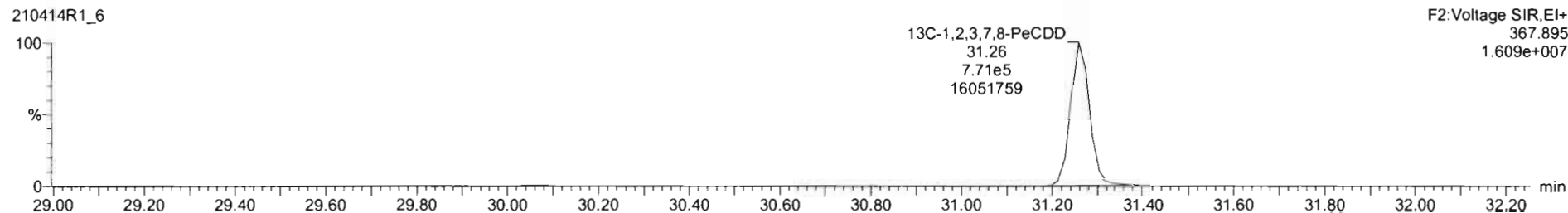
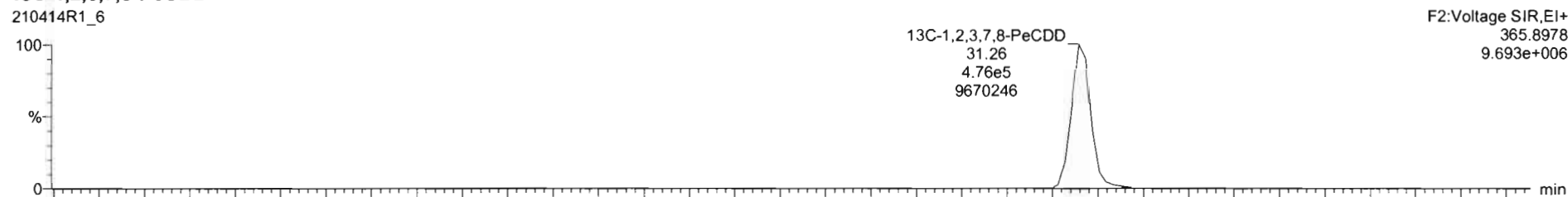
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1,2,3,7,8-PeCDD



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

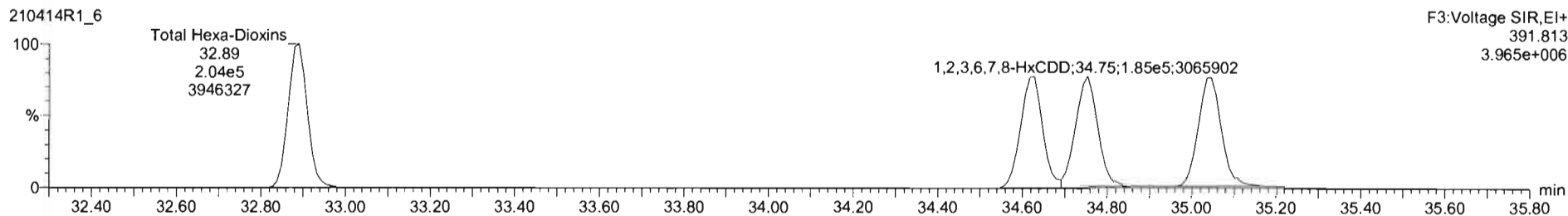
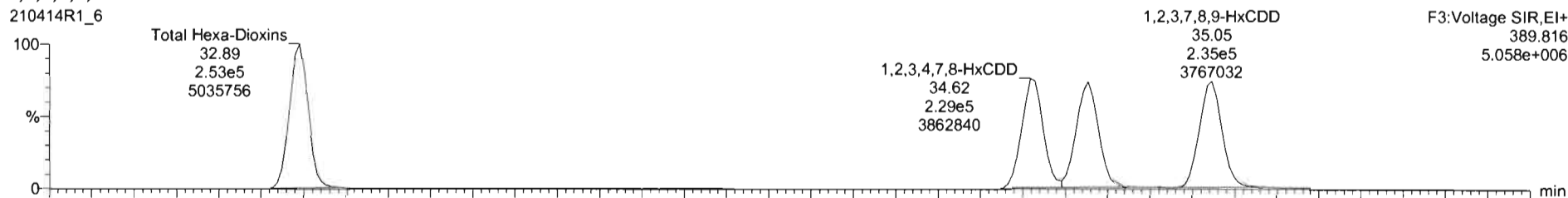


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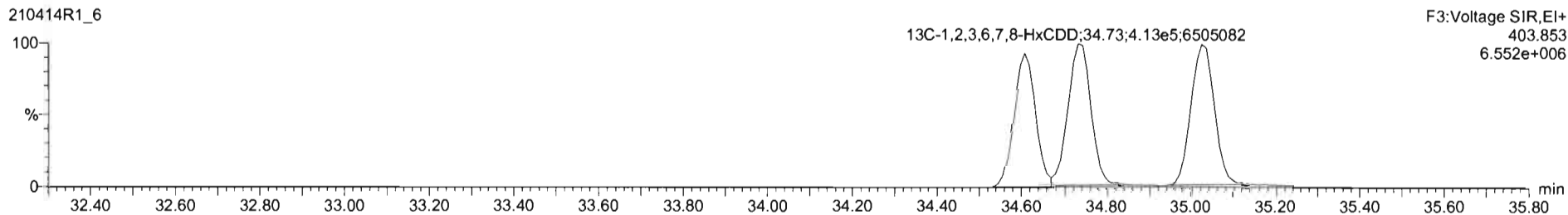
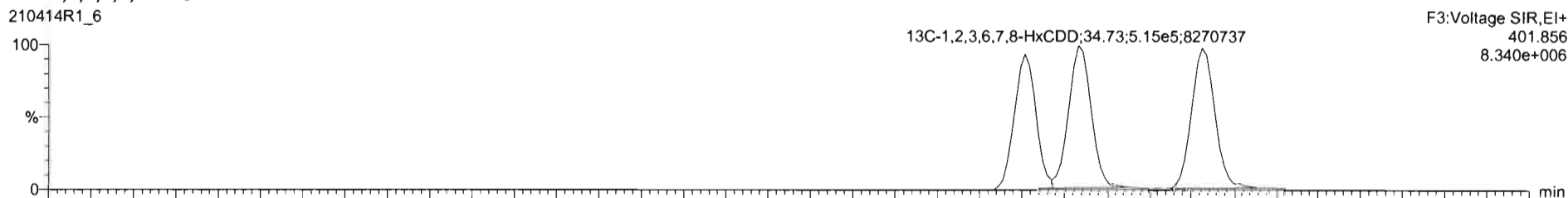
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1,2,3,4,7,8-HxCDD



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



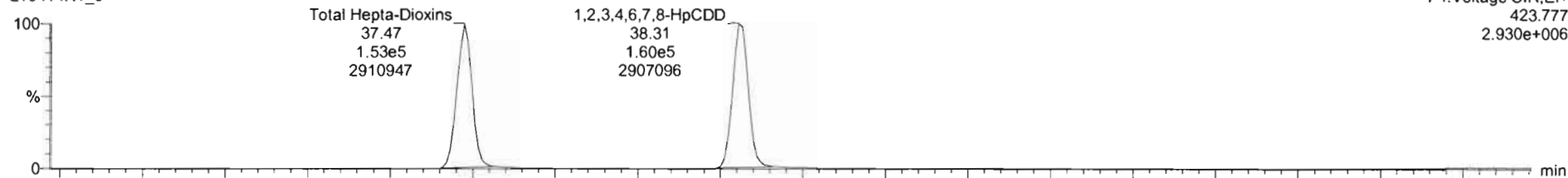
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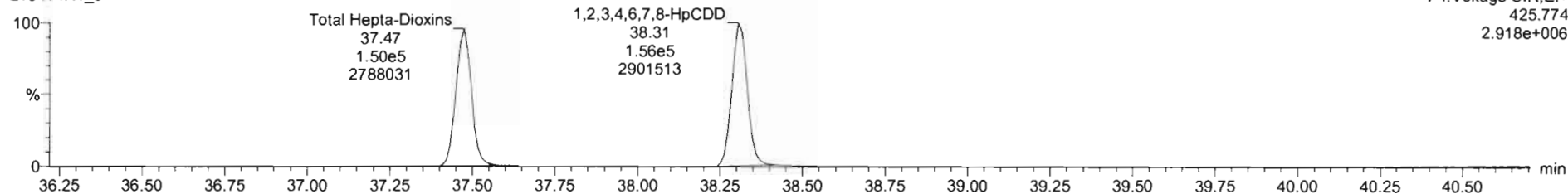
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1,2,3,4,6,7,8-HpCDD

210414R1_6

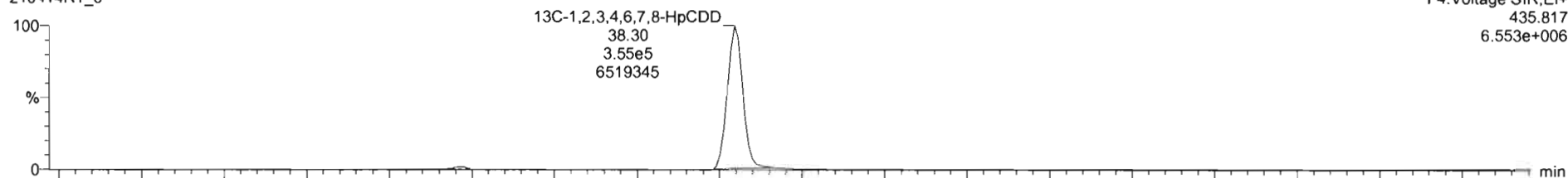


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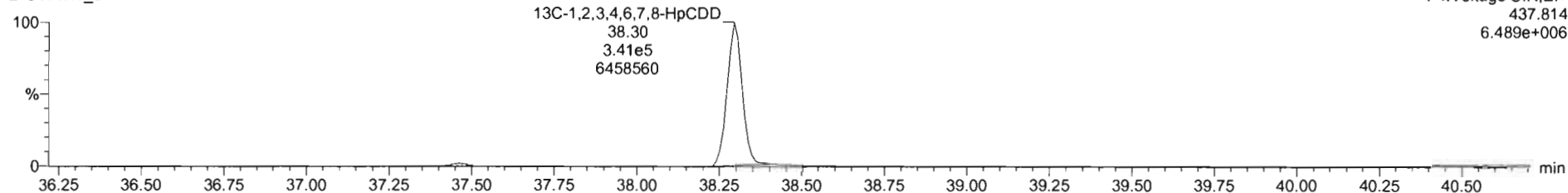


13C-1,2,3,4,6,7,8-HpCDD

210414R1_6



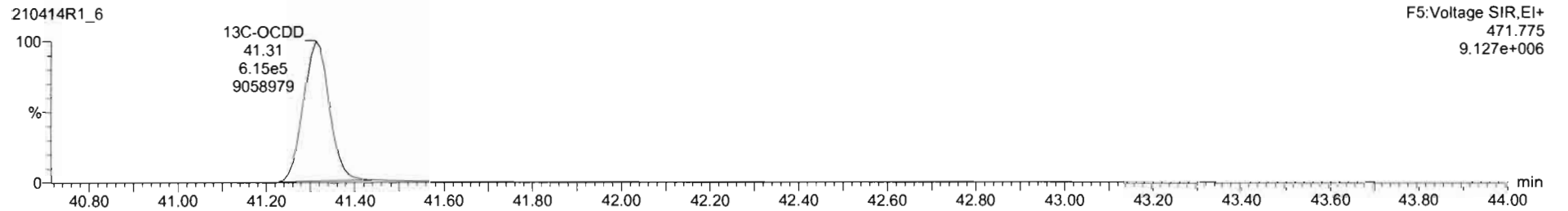
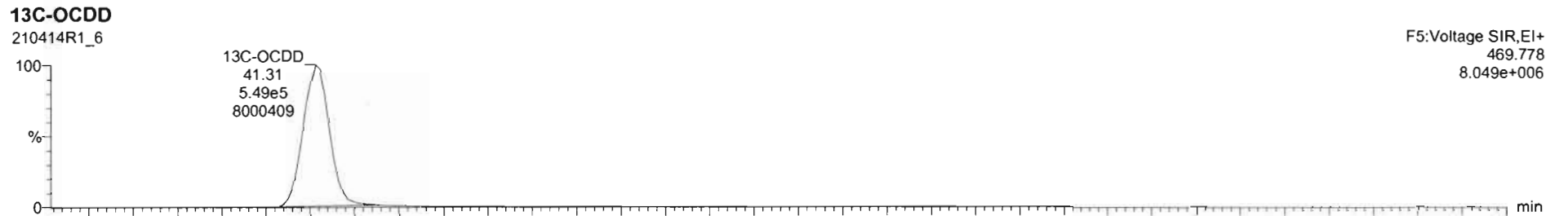
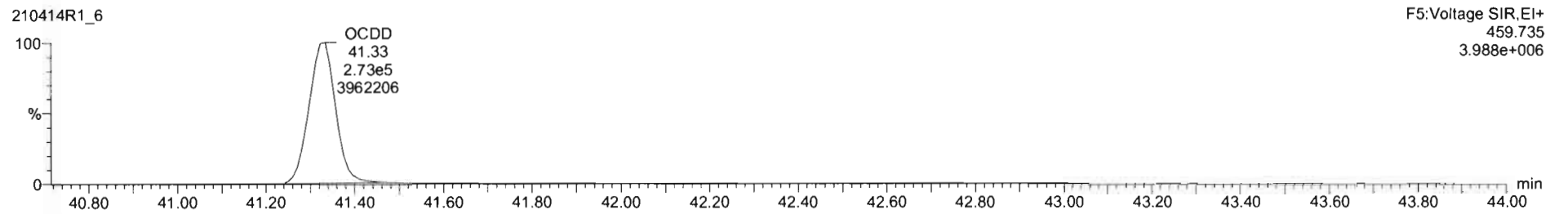
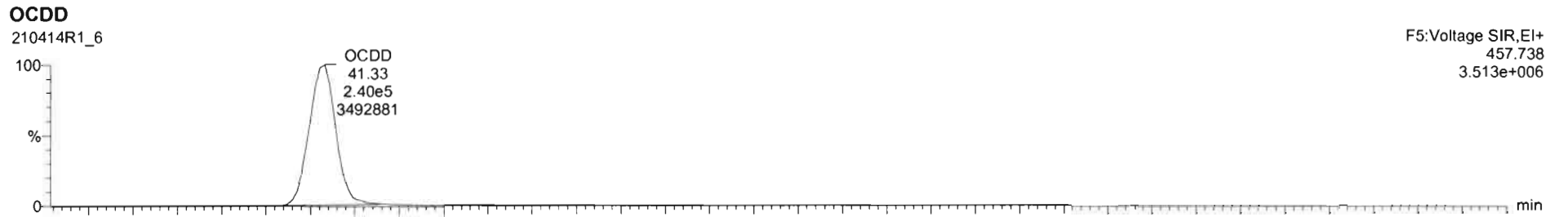
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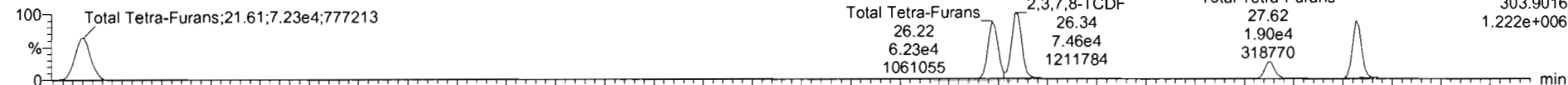
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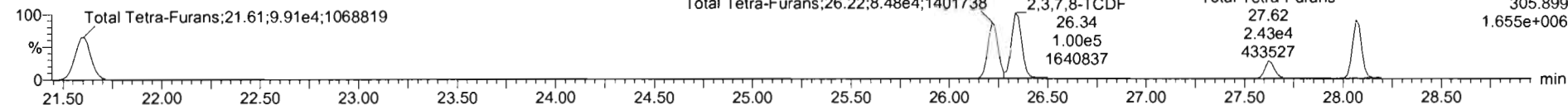
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2,3,7,8-TCDF

210414R1_6

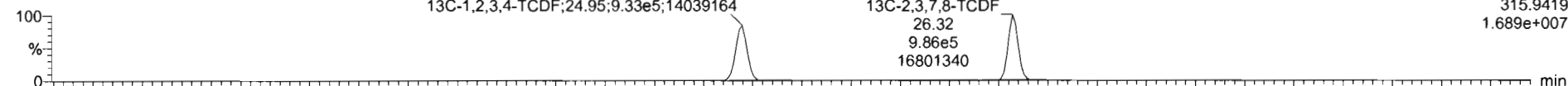


210414R1_6

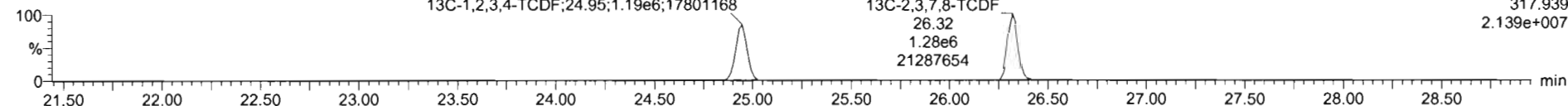


13C-2,3,7,8-TCDF

210414R1_6

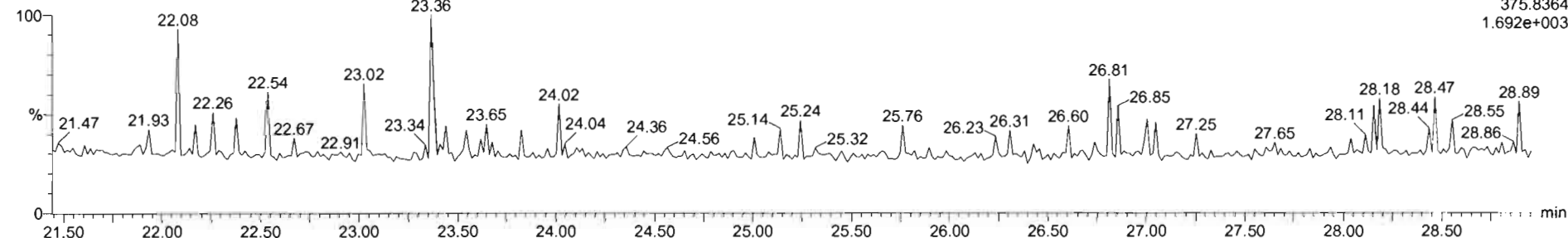


210414R1_6



DPE1

210414R1_6



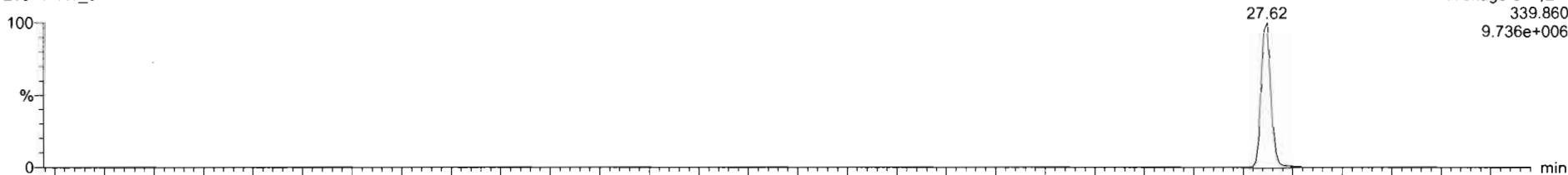
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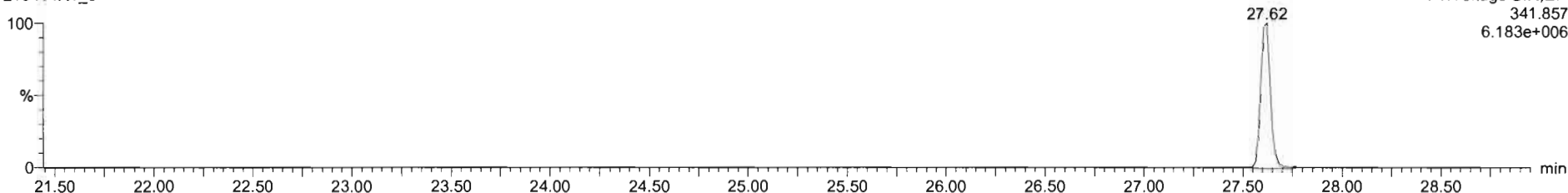
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1st Func. Penta-Furans

210414R1_6

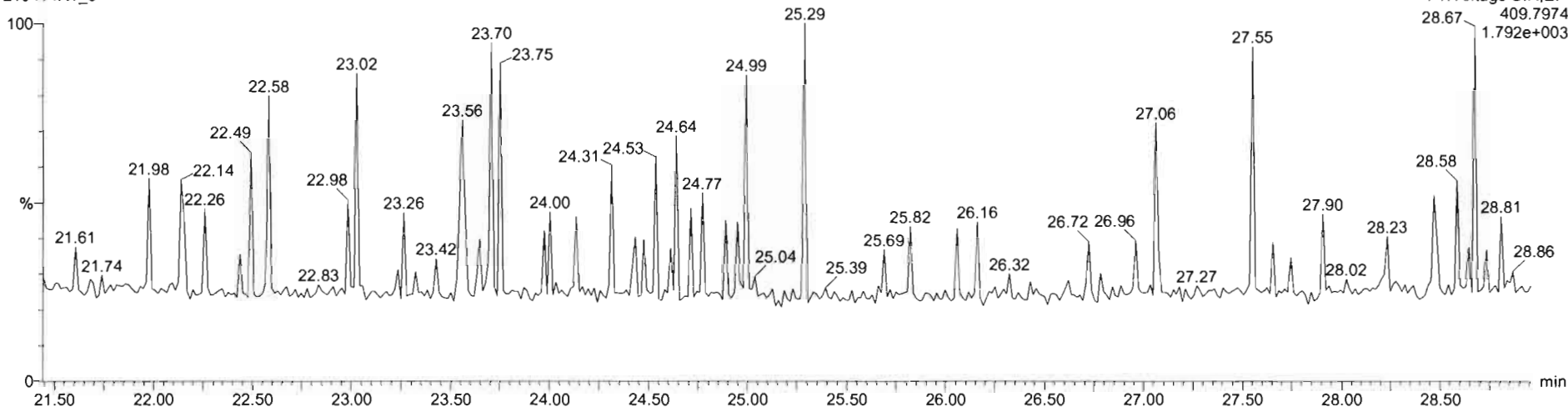


210414R1_6



DPE6

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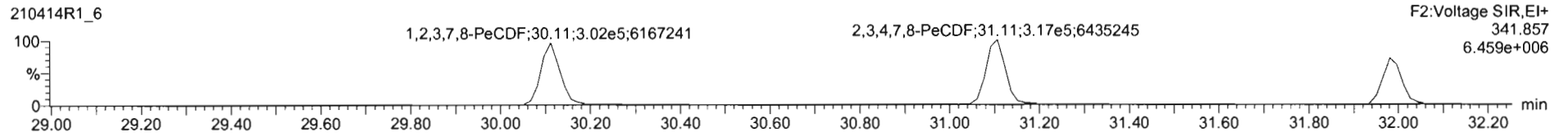
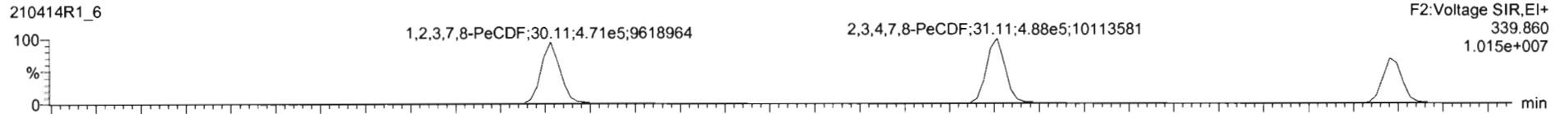


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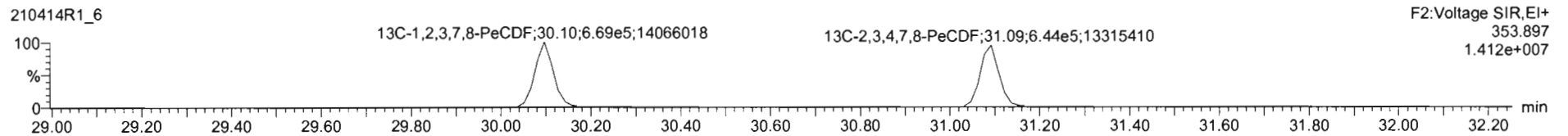
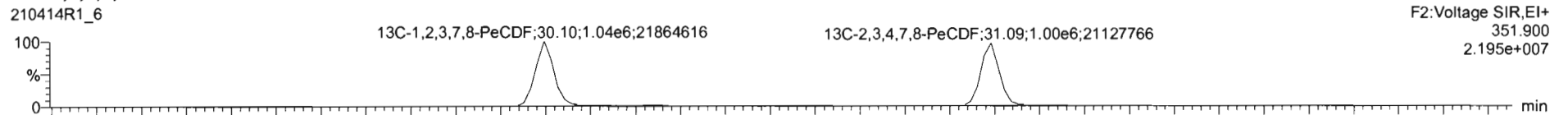
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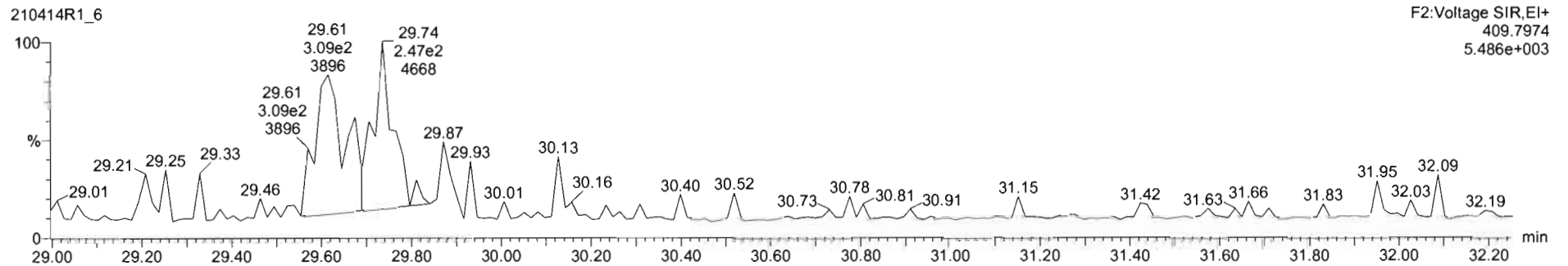
1,2,3,7,8-PeCDF



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



DPE2

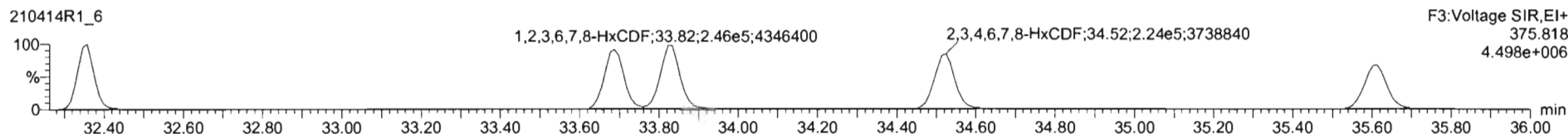
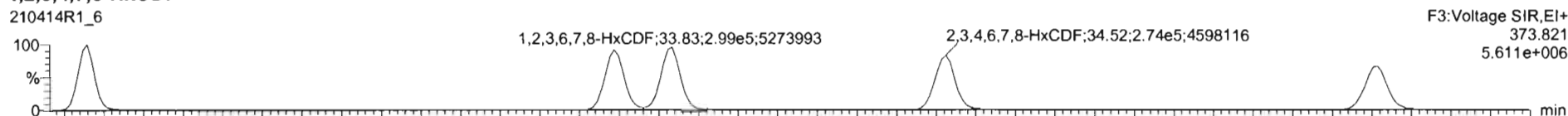


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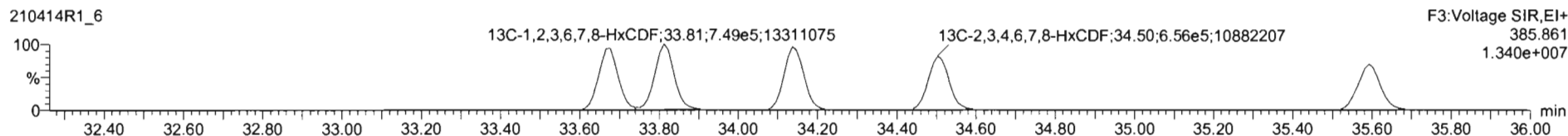
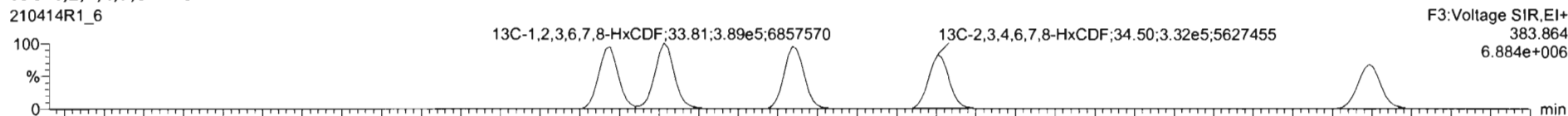
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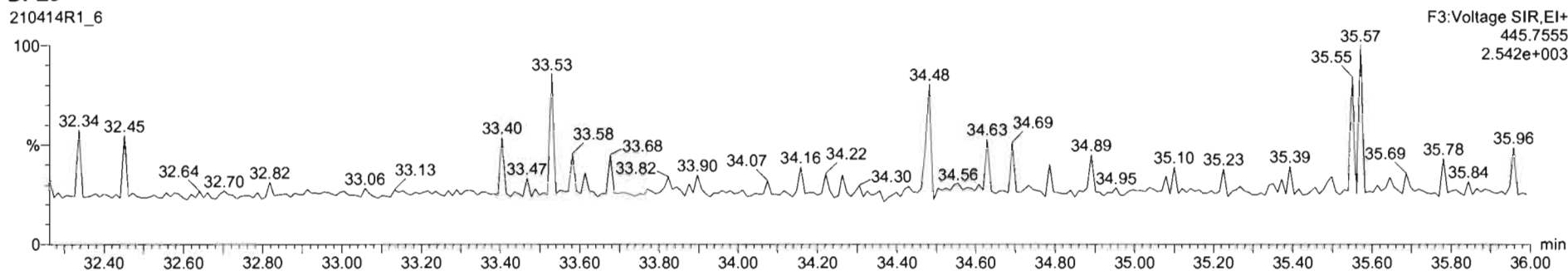
1,2,3,4,7,8-HxCDF



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



DPE3



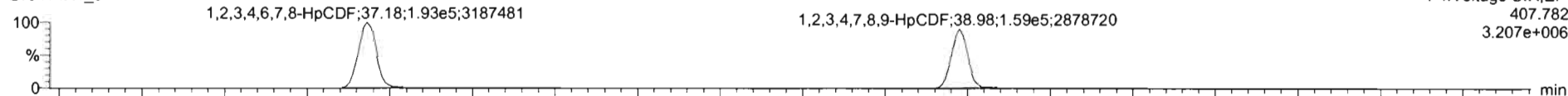
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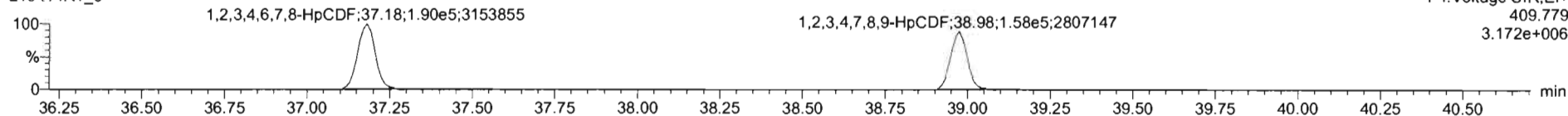
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1,2,3,4,6,7,8-HpCDF

210414R1_6

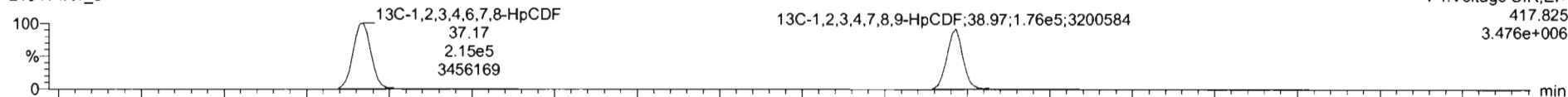


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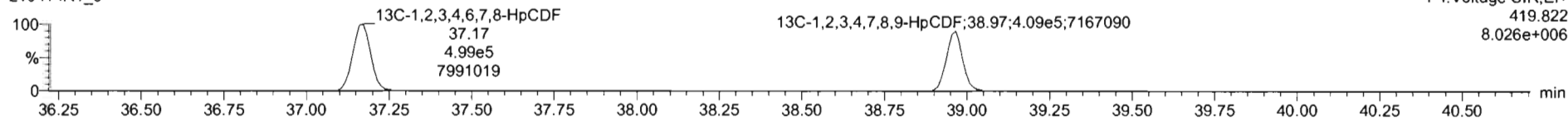


13C-1,2,3,4,6,7,8-HpCDF

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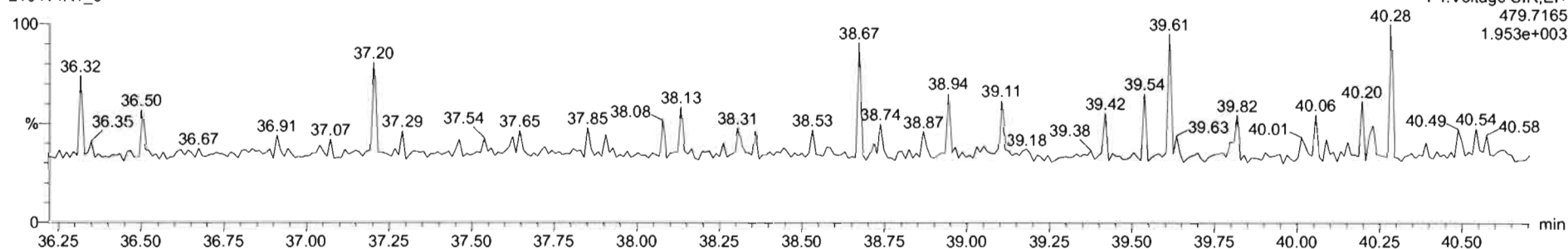


210414R1_6



DPE4

210414R1_6

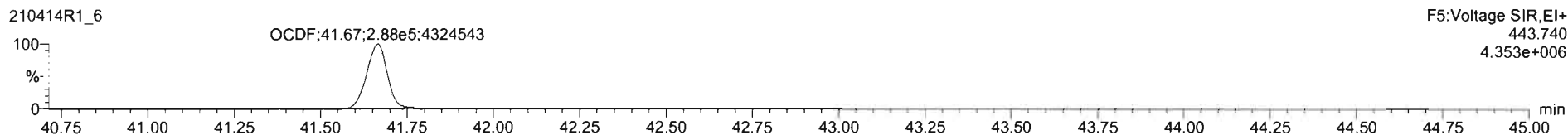
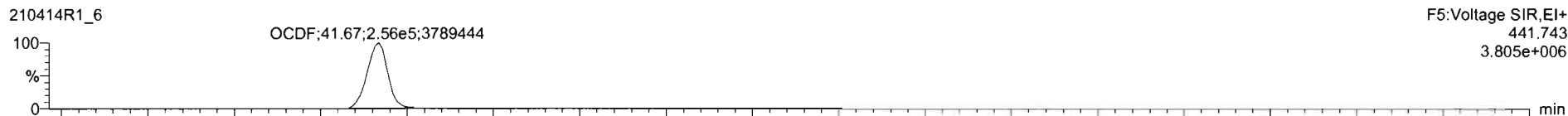


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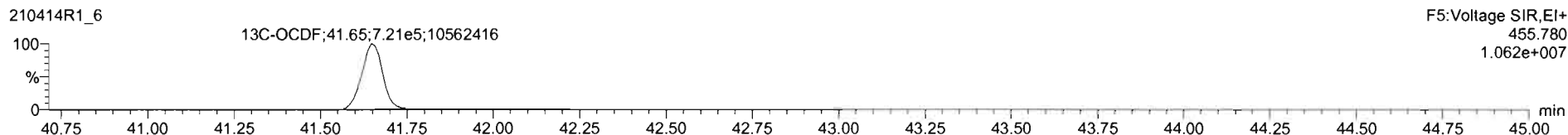
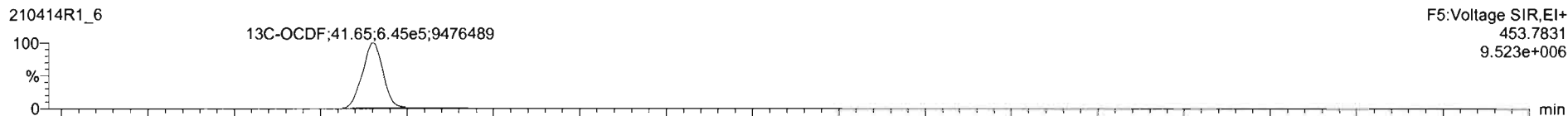
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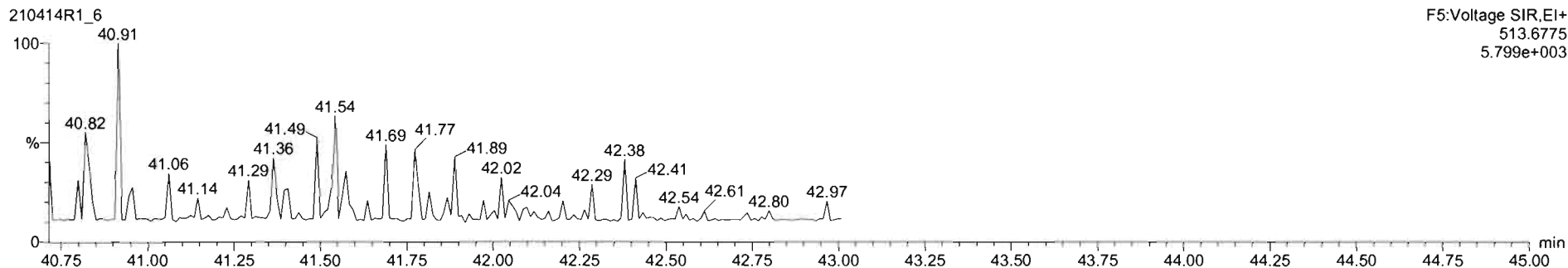
OCDF



13C-OCDF



DPE5



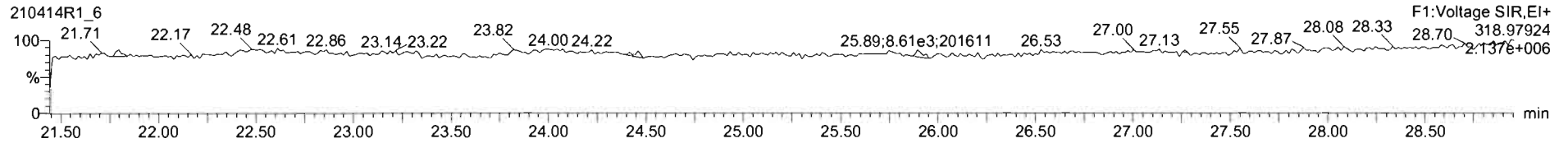
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Last Altered: Thursday, April 15, 2021 09:17:13 Pacific Daylight Time

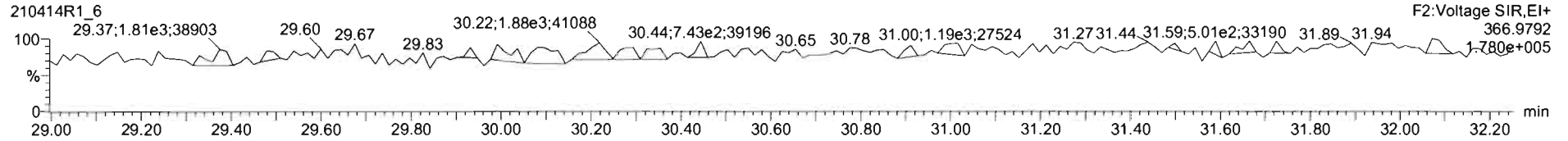
Printed: Thursday, April 15, 2021 09:17:45 Pacific Daylight Time

Name: 210414R1_6, Date: 14-Apr-2021, Time: 13:46:07, ID: ST210414R1-6 1613 CS3 21C0105, Description: 1613 CS3 21C0105

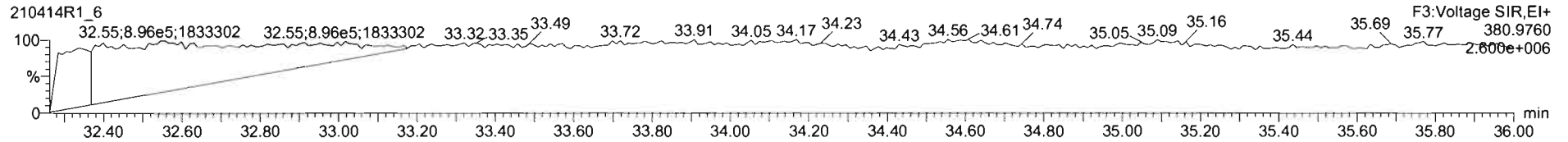
PFK1



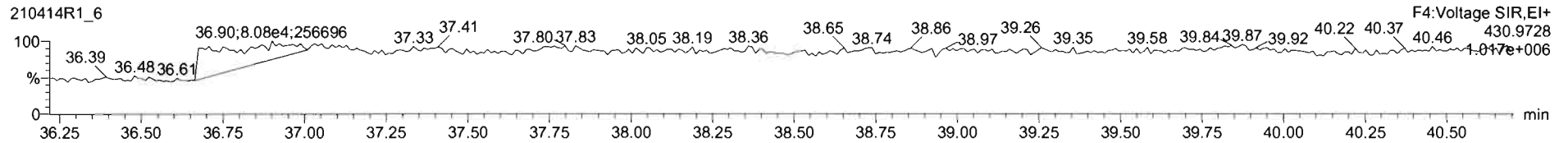
PFK2



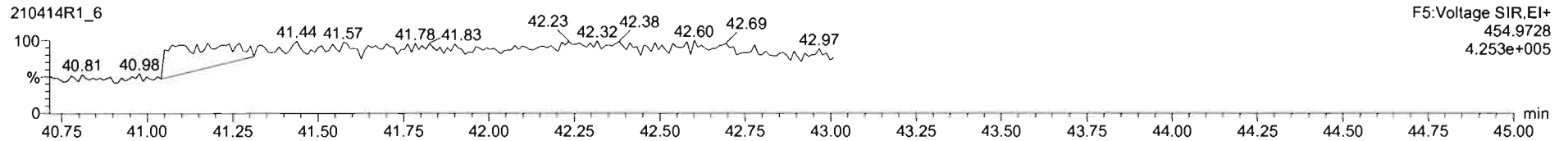
PFK3



PFK4

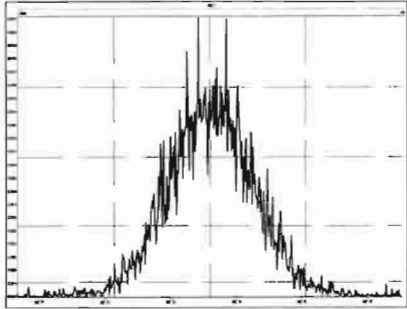


PFK5

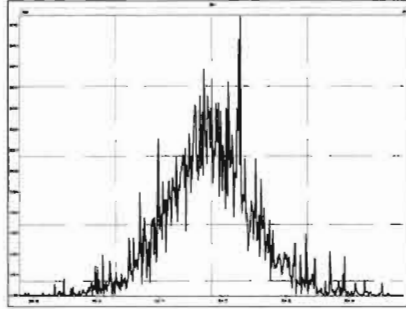


Printed: Wednesday, April 14, 2021 15:27:19 Pacific Daylight Time

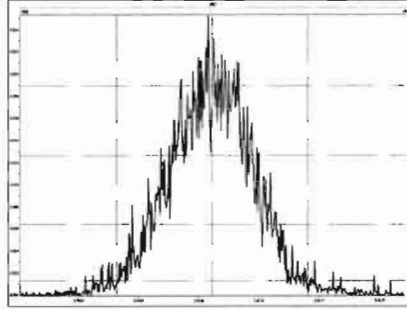
M 292.9824 R 11012



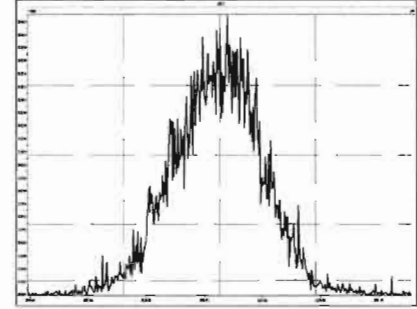
M 304.9824 R 11765



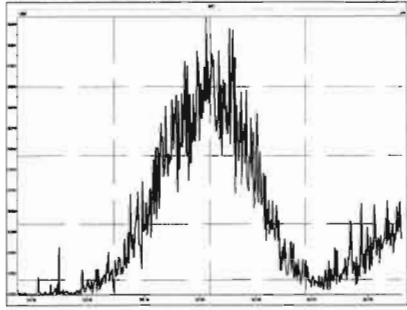
M 318.9792 R 10604



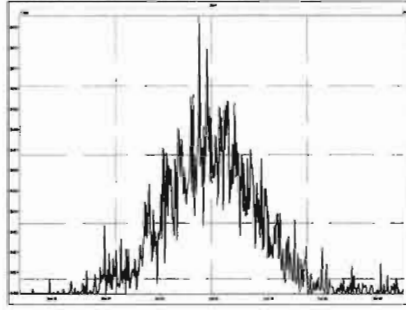
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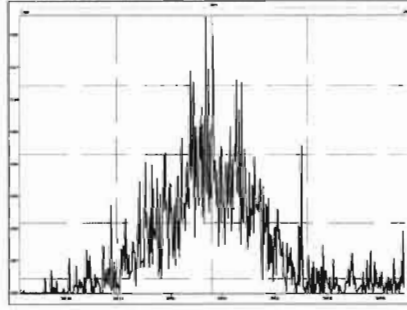
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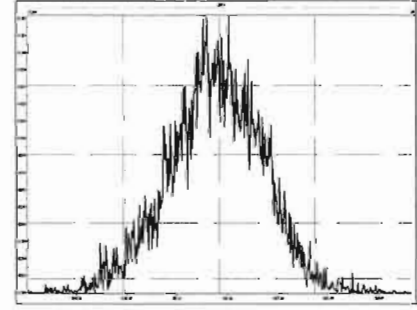
M 354.9792 R 11307



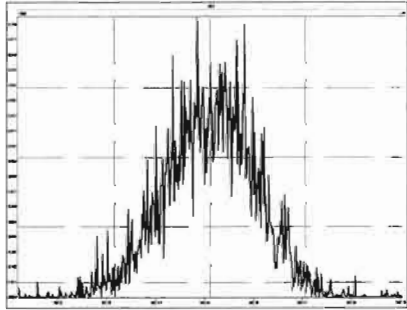
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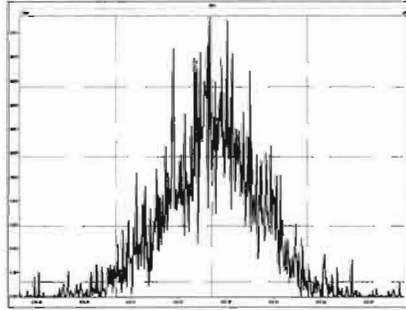
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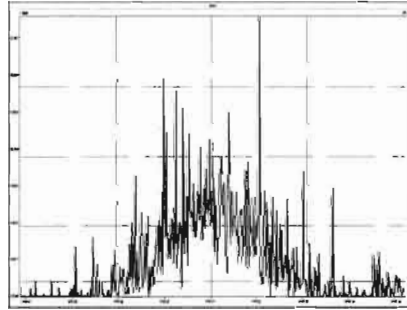
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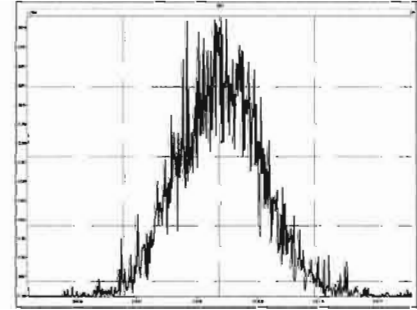
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M 416.9760 R 17057

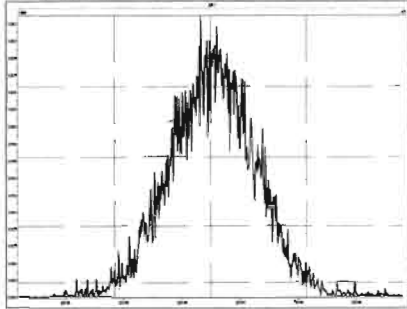


M 318.9792 R 11338

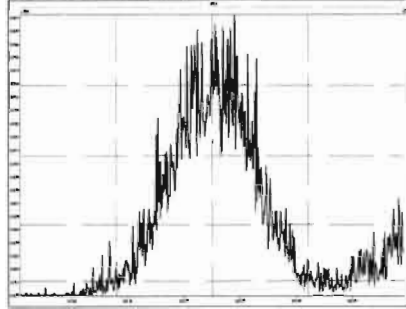


Printed: Wednesday, April 14, 2021 15:27:19 Pacific Daylight Time

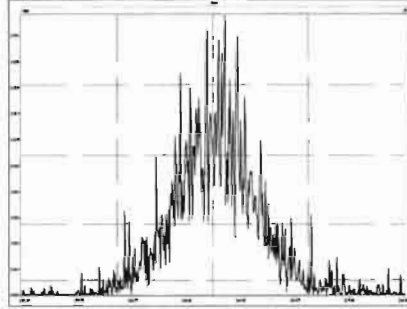
M 330.9792 R 11034



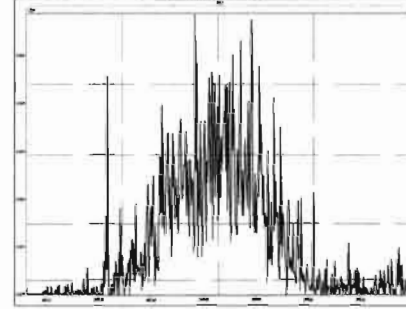
M 342.9792 R 11389



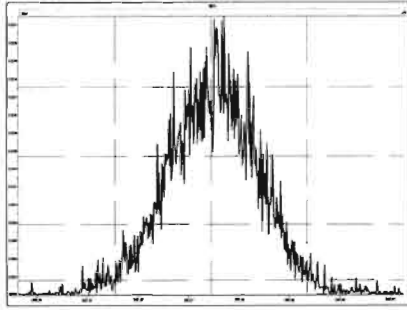
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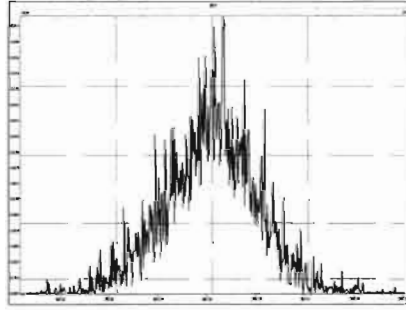
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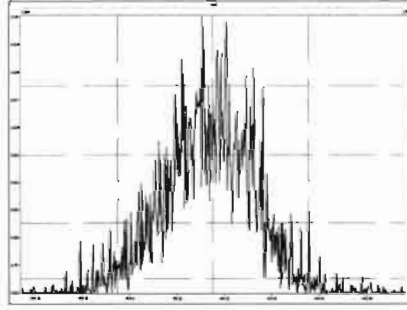
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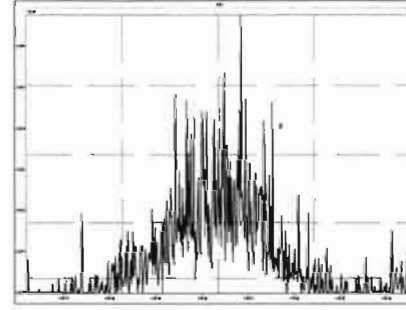
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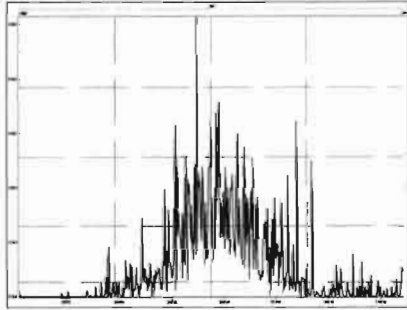
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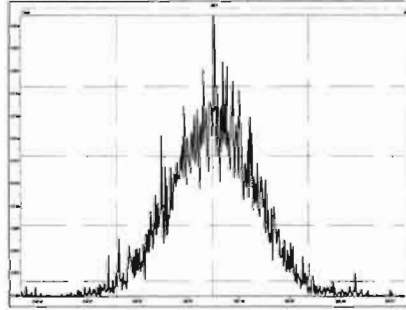
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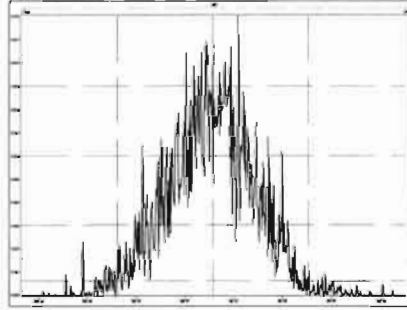
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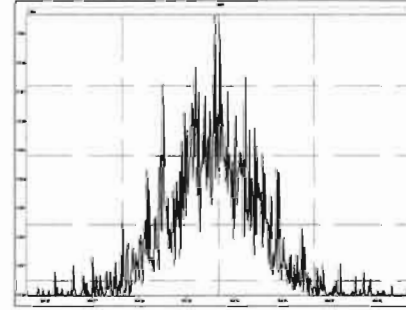
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M 392.9760 R 12392

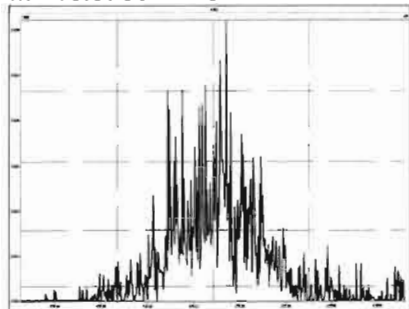


M 404.9760 R 12223

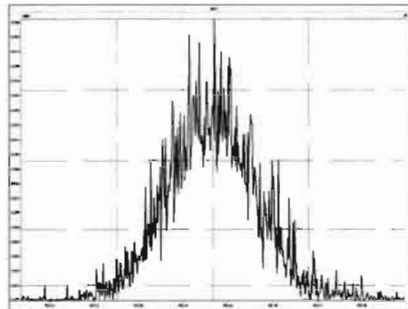


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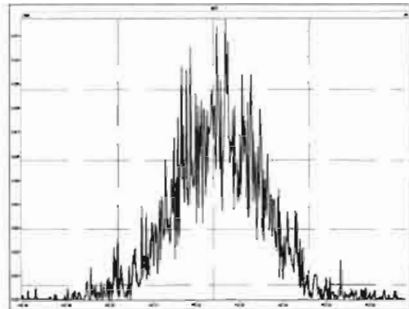
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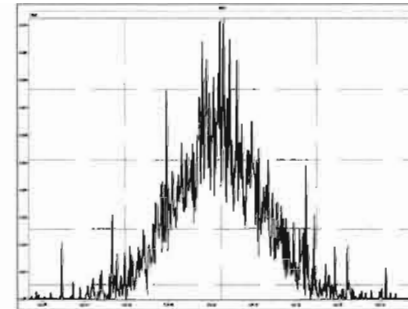
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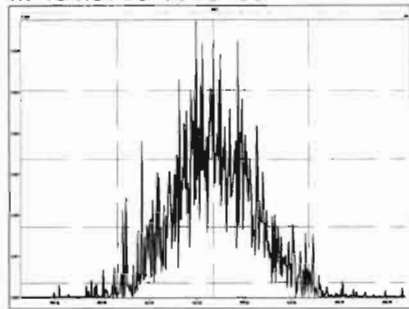
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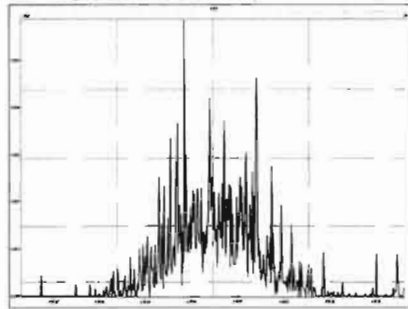
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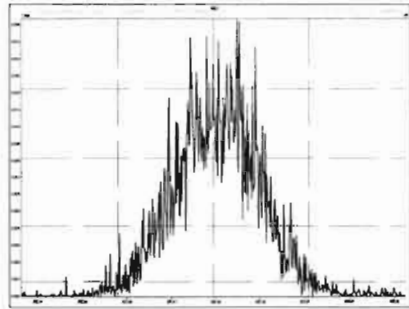
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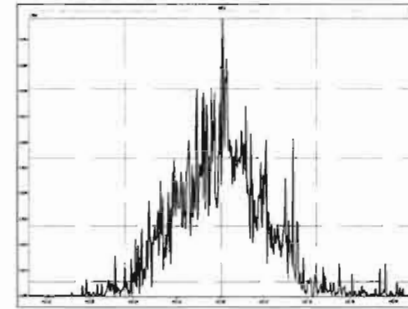
M 416.9760 R 15337



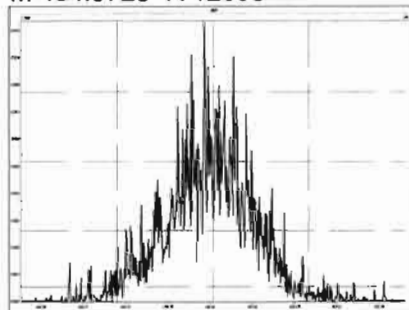
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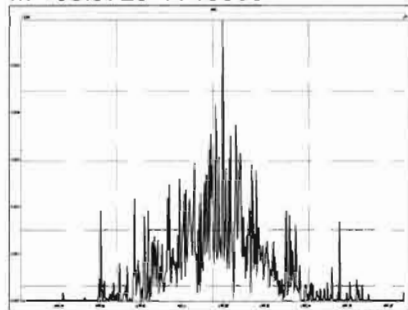
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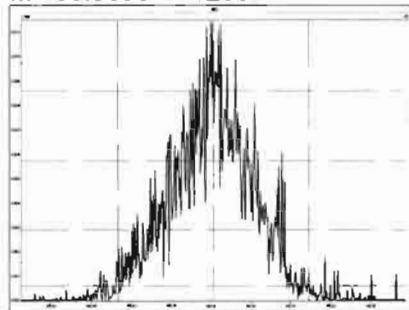
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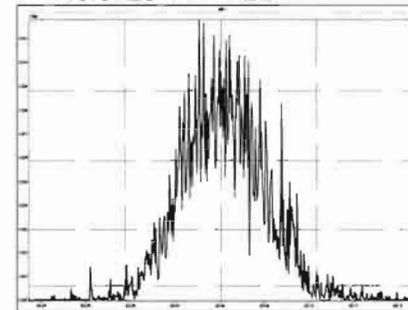
M 466.9728 R 19809



M 480.9696 R 12005

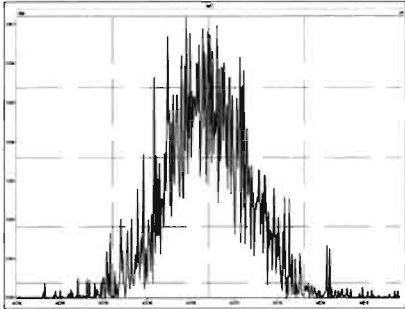


M 430.9728 R 11522

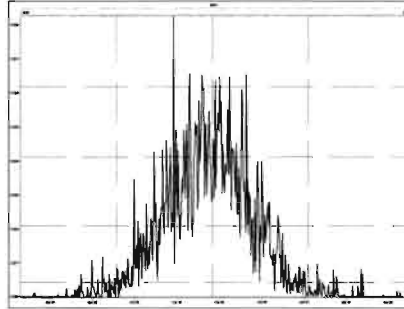


Printed: Wednesday, April 14, 2021 15:27:19 Pacific Daylight Time

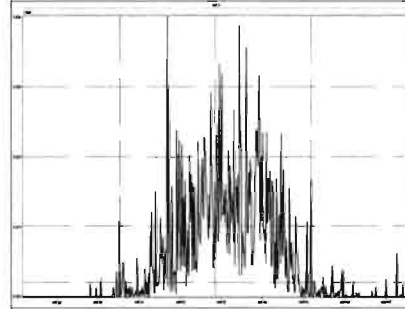
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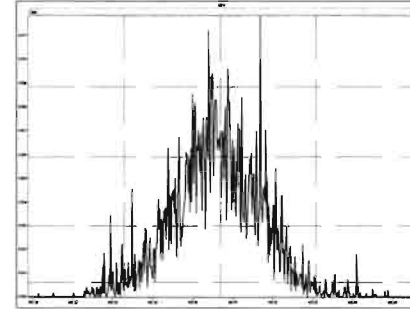
M 454.9728 R 12094



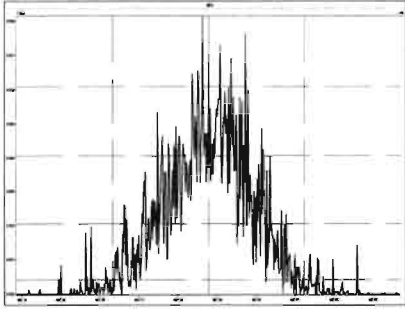
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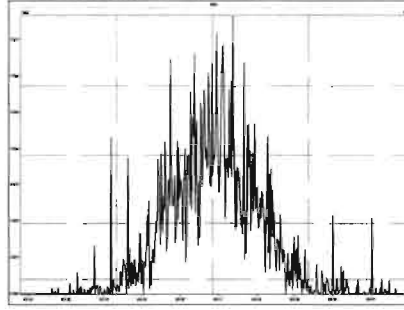
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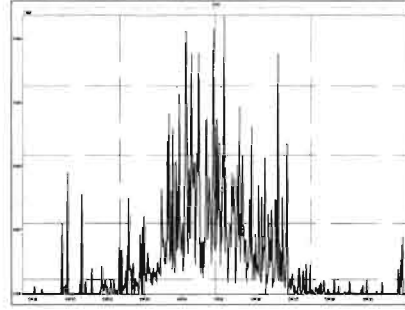
M 492.9696 R 12763



M 504.9696 R 15745



M 516.9697 R 31899



Dataset: U:\VG12.PRO\Results\210414R1\210414R1_7.qld

Last Altered: Thursday, April 15, 2021 10:13:51 Pacific Daylight Time
Printed: Thursday, April 15, 2021 10:15:16 Pacific Daylight Time

WIN 04/15/21
DF04/15/21

Method: U:\VG12.PRO\MethDB\1613rrt-04-06-21.mdb 06 Apr 2021 08:35:23
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

#	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	1.42e5	0.76	NO	0.929	1.000	26.945	26.93	1.001	1.001	9.5905	95.9	0.0124	9.59
2	2 1,2,3,7,8-PeCDD	4.59e5	0.60	NO	0.826	1.000	31.274	31.26	1.001	1.000	48.111	96.2	0.0507	48.1
3	3 1,2,3,4,7,8-HxCDD	3.68e5	1.24	NO	0.972	1.000	34.618	34.61	1.001	1.000	50.163	100	0.114	50.2
4	4 1,2,3,6,7,8-HxCDD	3.95e5	1.23	NO	0.877	1.000	34.744	34.74	1.001	1.001	52.884	106	0.119	52.9
5	5 1,2,3,7,8,9-HxCDD	3.89e5	1.25	NO	0.874	1.000	35.027	35.03	1.000	1.000	49.610	99.2	0.114	49.6
6	6 1,2,3,4,6,7,8-HpCDD	2.71e5	1.02	NO	0.899	1.000	38.296	38.31	1.000	1.001	48.692	97.4	0.133	48.7
7	7 OCDD	4.57e5	0.87	NO	0.852	1.000	41.310	41.31	1.000	1.000	102.28	102	0.151	102
8	8 2,3,7,8-TCDF	1.58e5	0.75	NO	0.747	1.000	26.309	26.34	1.000	1.001	9.8282	98.3	0.0164	9.83
9	9 1,2,3,7,8-PeCDF	6.59e5	1.57	NO	0.877	1.000	30.085	30.10	1.000	1.000	47.679	95.4	0.0773	47.7
10	10 2,3,4,7,8-PeCDF	6.89e5	1.54	NO	0.962	1.000	31.098	31.09	1.001	1.000	50.877	102	0.0782	50.9
11	11 1,2,3,4,7,8-HxCDF	4.77e5	1.21	NO	0.920	1.000	33.665	33.68	1.000	1.001	52.893	106	0.0947	52.9
12	12 1,2,3,6,7,8-HxCDF	5.01e5	1.22	NO	0.936	1.000	33.822	33.81	1.001	1.000	51.115	102	0.0912	51.1
13	13 2,3,4,6,7,8-HxCDF	4.67e5	1.22	NO	0.973	1.000	34.514	34.50	1.001	1.000	52.771	106	0.105	52.8
14	14 1,2,3,7,8,9-HxCDF	3.77e5	1.23	NO	0.940	1.000	35.592	35.60	1.000	1.001	50.158	100	0.134	50.2
15	15 1,2,3,4,6,7,8-HpCDF	3.61e5	1.01	NO	1.05	1.000	37.179	37.17	1.000	1.000	52.180	104	0.130	52.2
16	16 1,2,3,4,7,8,9-HpCDF	2.83e5	1.01	NO	1.05	1.000	38.966	38.97	1.000	1.000	49.625	99.2	0.143	49.6
17	17 OCDF	4.60e5	0.87	NO	0.771	1.000	41.645	41.65	1.000	1.000	100.69	101	0.140	101
18	18 13C-2,3,7,8-TCDD	1.59e6	0.76	NO	1.10	1.000	26.897	26.91	1.026	1.027	102.93	103	0.0486	
19	19 13C-1,2,3,7,8-PeCDD	1.16e6	0.63	NO	0.864	1.000	31.205	31.24	1.190	1.192	95.556	95.6	0.0791	
20	20 13C-1,2,3,4,7,8-HxCDD	7.55e5	1.25	NO	0.746	1.000	34.577	34.60	1.013	1.014	97.877	97.9	0.180	
21	21 13C-1,2,3,6,7,8-HxCDD	8.52e5	1.24	NO	0.847	1.000	34.717	34.72	1.017	1.017	97.415	97.4	0.158	
22	22 13C-1,2,3,7,8,9-HxCDD	8.97e5	1.24	NO	0.868	1.000	35.003	35.02	1.026	1.026	100.01	100	0.154	
23	23 13C-1,2,3,4,6,7,8-HpCDD	6.19e5	1.02	NO	0.664	1.000	38.269	38.28	1.121	1.122	90.141	90.1	0.290	
24	24 13C-OCDD	1.05e6	0.90	NO	0.561	1.000	41.303	41.30	1.210	1.210	180.80	90.4	0.297	
25	25 13C-2,3,7,8-TCDF	2.15e6	0.77	NO	1.09	1.000	26.307	26.31	1.003	1.003	96.733	96.7	0.0460	
26	26 13C-1,2,3,7,8-PeCDF	1.58e6	1.57	NO	0.809	1.000	30.048	30.08	1.146	1.147	95.821	95.8	0.119	
27	27 13C-2,3,4,7,8-PeCDF	1.41e6	1.58	NO	0.803	1.000	31.034	31.08	1.184	1.185	86.278	86.3	0.120	
28	28 13C-1,2,3,4,7,8-HxCDF	9.81e5	0.51	NO	1.01	1.000	33.659	33.66	0.986	0.986	93.862	93.9	0.192	
29	29 13C-1,2,3,6,7,8-HxCDF	1.05e6	0.51	NO	1.07	1.000	33.788	33.80	0.990	0.990	94.332	94.3	0.181	
30	30 13C-2,3,4,6,7,8-HxCDF	9.09e5	0.51	NO	0.910	1.000	34.485	34.49	1.010	1.011	96.732	96.7	0.214	
31	31 13C-1,2,3,7,8,9-HxCDF	8.01e5	0.52	NO	0.828	1.000	35.573	35.58	1.042	1.043	93.545	93.5	0.235	

Dataset: U:\VG12.PRO\Results\210414R1\210414R1_7.qld

Last Altered: Thursday, April 15, 2021 10:13:51 Pacific Daylight Time

Printed: Thursday, April 15, 2021 10:15:16 Pacific Daylight Time

Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

	# 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	6.60e5	0.43	NO	0.661	1.000	37.150	37.16	1.089	1.089	96.587	96.6	0.244	
33	33 13C-1,2,3,4,7,8,9-HpCDF	5.45e5	0.43	NO	0.566	1.000	38.938	38.95	1.141	1.141	93.255	93.3	0.285	
34	34 13C-OCDF	1.18e6	0.87	NO	0.663	1.000	41.634	41.64	1.220	1.220	172.93	86.5	0.209	
35	35 37Cl-2,3,7,8-TCDD	2.78e5			2.07	1.000	27.125	26.93	1.035	1.027	9.5990	96.0	0.00554	
36	36 13C-1,2,3,4-TCDD	1.40e6	0.77	NO	1.00	1.000	26.290	26.22	1.000	1.000	100.00	100	0.0537	
37	37 13C-1,2,3,4-TCDF	2.03e6	0.78	NO	1.00	1.000	25.020	24.93	1.000	1.000	100.00	100	0.0503	
38	38 13C-1,2,3,4,6,9-HxCDF	1.03e6	0.51	NO	1.00	1.000	34.190	34.13	1.000	1.000	100.00	100	0.194	

Dataset: Untitled

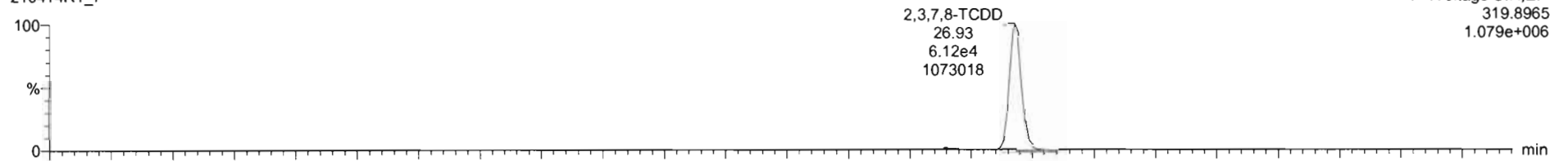
Last Altered: Thursday, April 15, 2021 10:05:01 Pacific Daylight Time
Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-04-06-21.mdb 06 Apr 2021 08:35:23
Calibration: U:\VG12.PRO\CurveDB\dbDIOXIN_1613vg12-04-14-21.cdb 15 Apr 2021 09:26:26

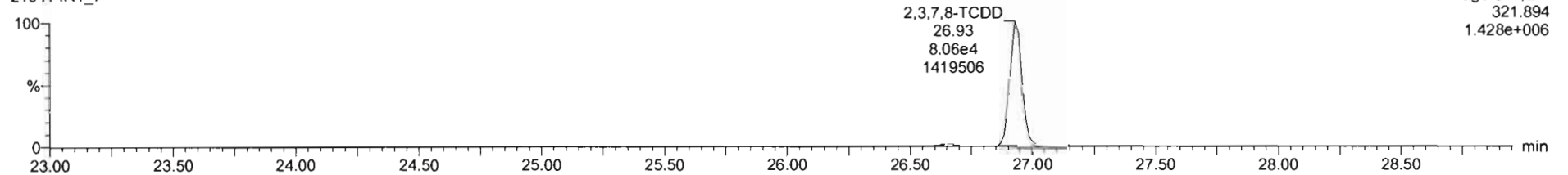
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2,3,7,8-TCDD

210414R1_7

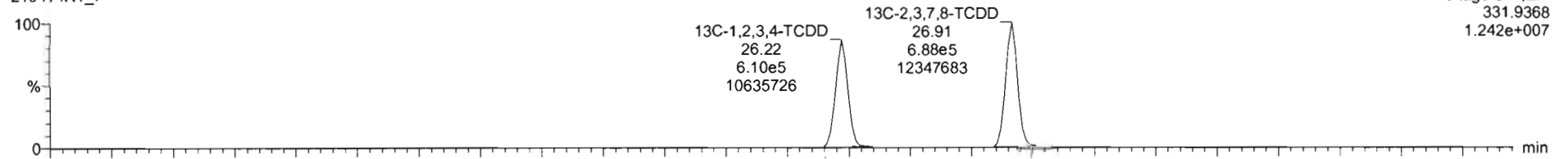


210414R1_7

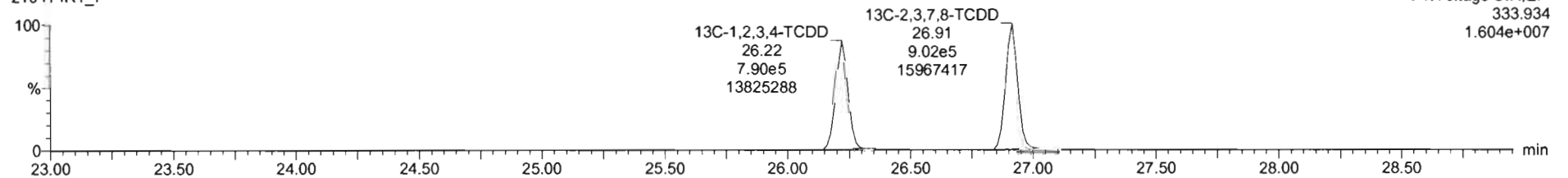


13C-2,3,7,8-TCDD

210414R1_7



210414R1_7



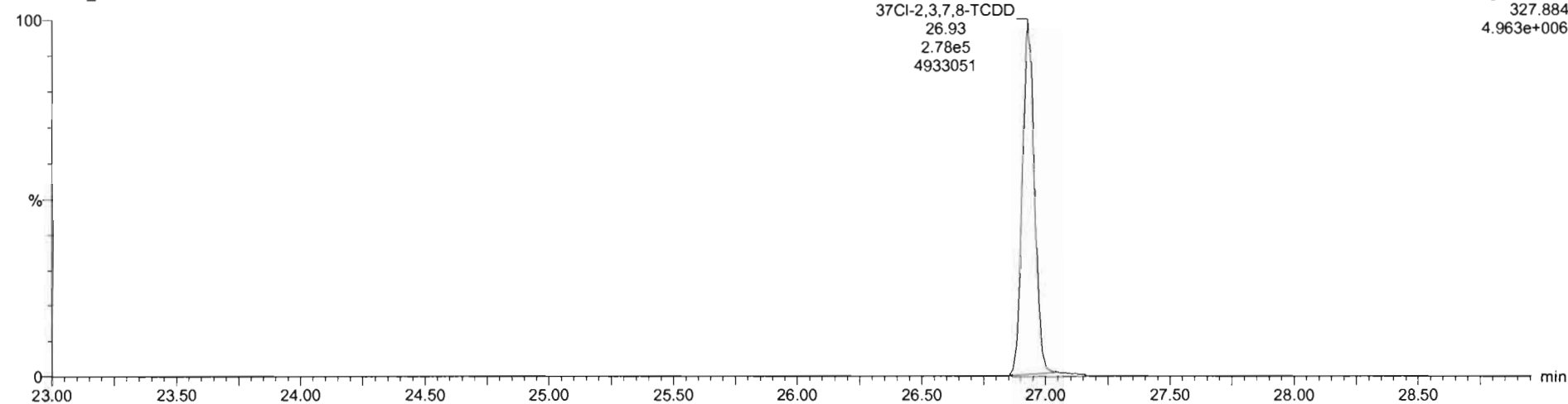
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

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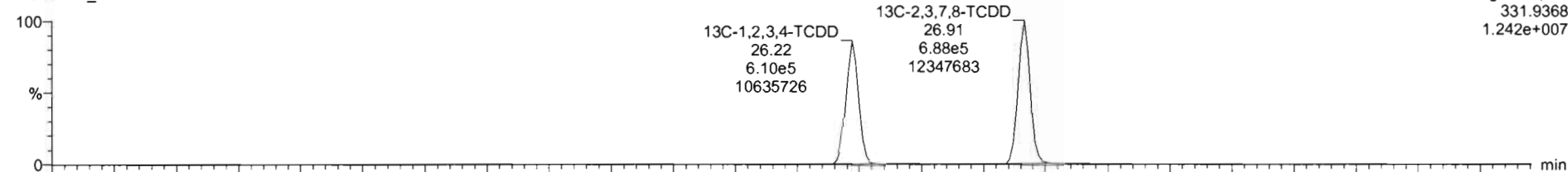
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210414R1_7

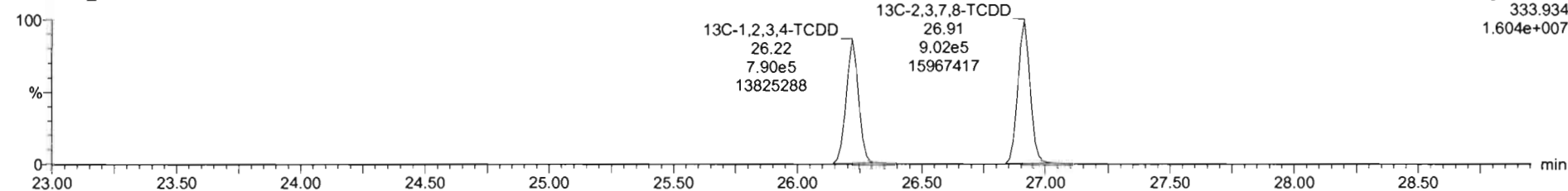


13C-1,2,3,4-TCDD

210414R1_7



210414R1_7



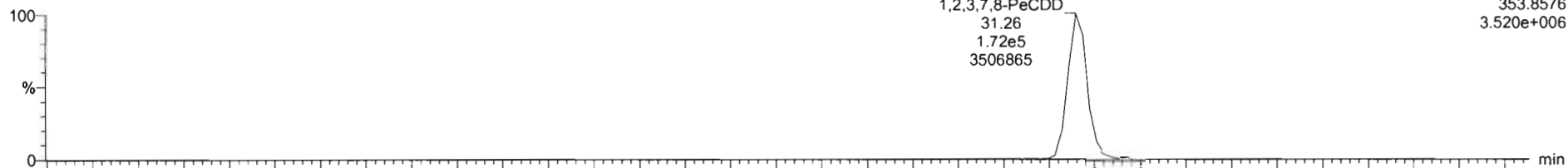
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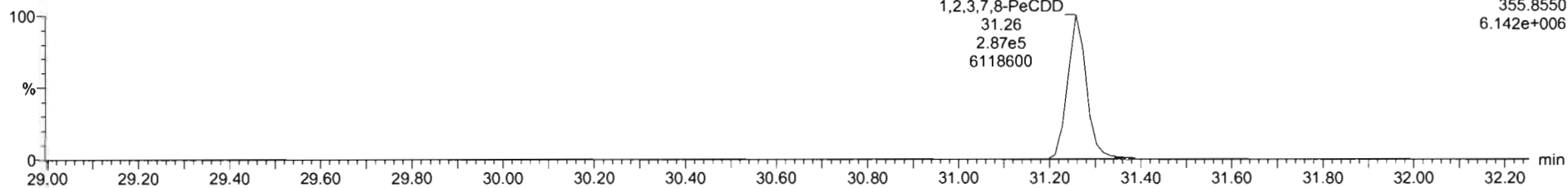
1,2,3,7,8-PeCDD

210414R1_7



F2:Voltage SIR,EI+
353.8576
3.520e+006

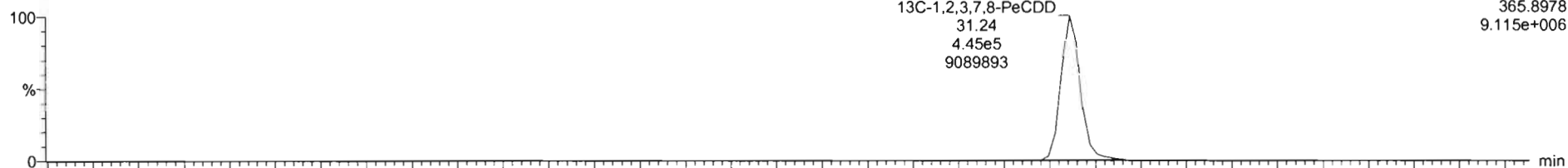
210414R1_7



F2:Voltage SIR,EI+
355.8550
6.142e+006

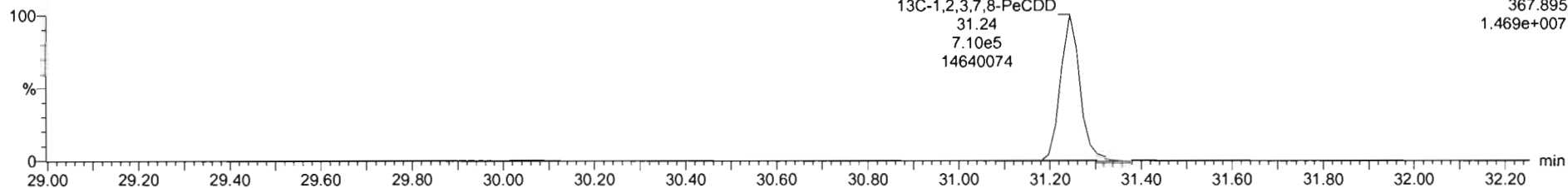
13C-1,2,3,7,8-PeCDD

210414R1_7



F2:Voltage SIR,EI+
365.8978
9.115e+006

210414R1_7



F2:Voltage SIR,EI+
367.895
1.469e+007

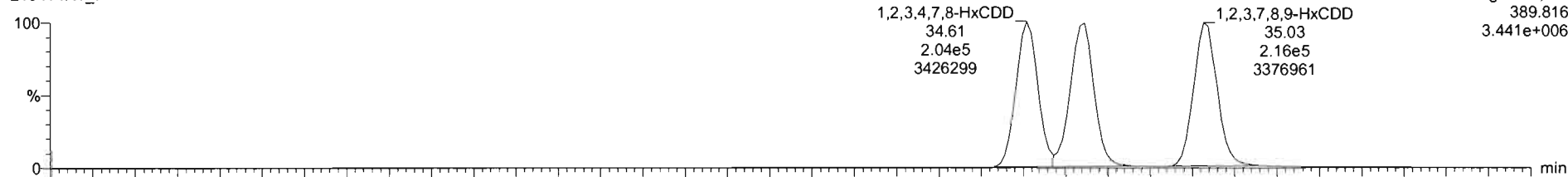
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

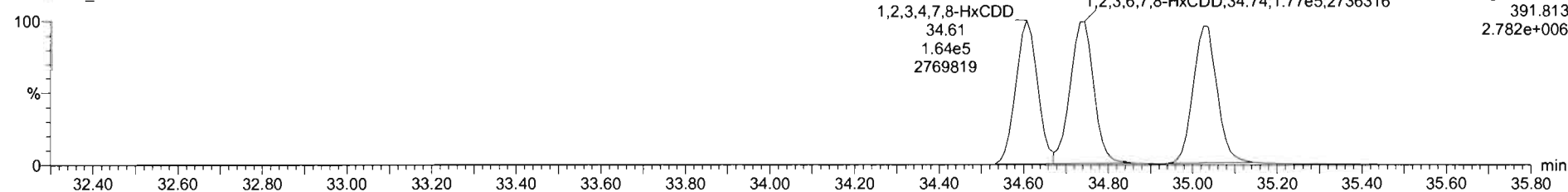
1,2,3,4,7,8-HxCDD

210414R1_7



F3: Voltage SIR, EI+
389.816
3.441e+006

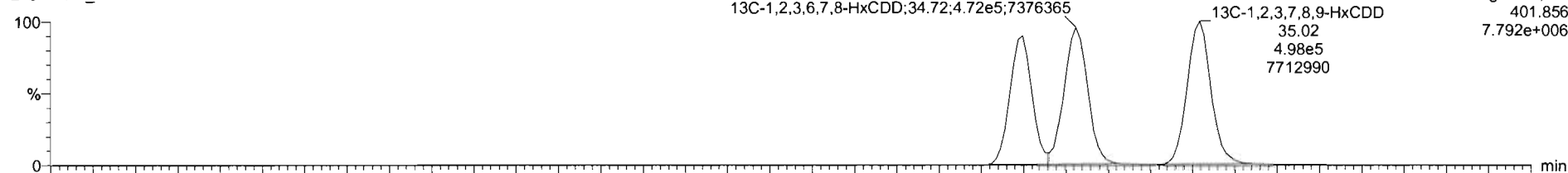
210414R1_7



F3: Voltage SIR, EI+
391.813
2.782e+006

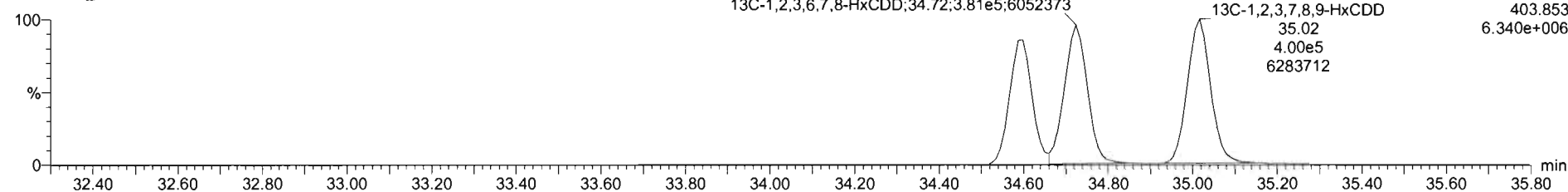
13C-1,2,3,4,7,8-HxCDD

210414R1_7



F3: Voltage SIR, EI+
401.856
7.792e+006

210414R1_7



F3: Voltage SIR, EI+
403.853
6.340e+006

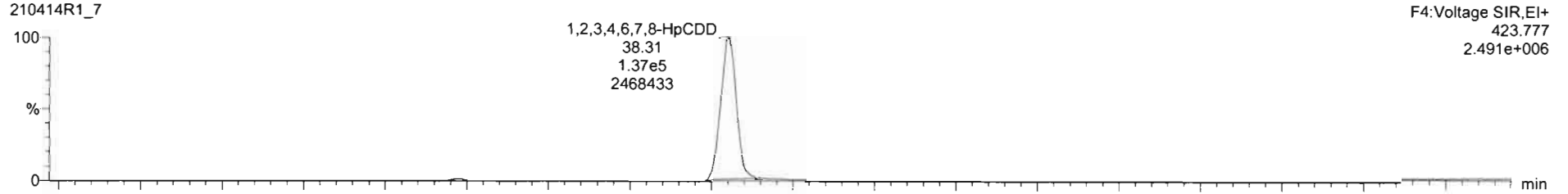
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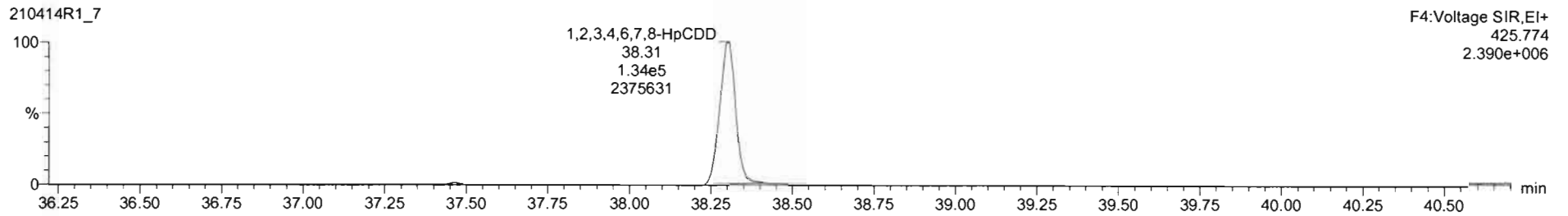
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1,2,3,4,6,7,8-HpCDD

210414R1_7

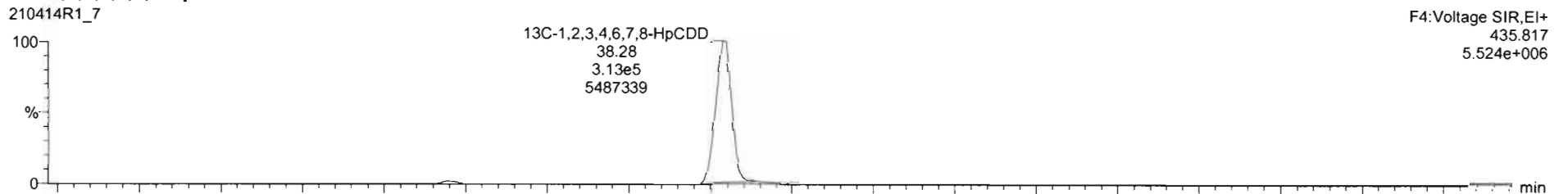


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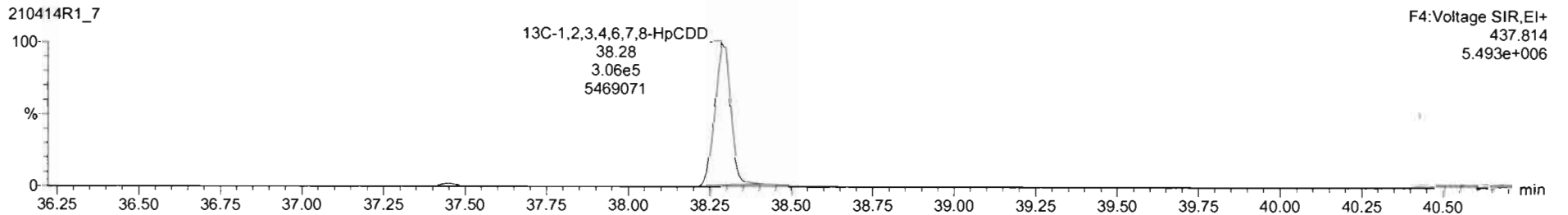


13C-1,2,3,4,6,7,8-HpCDD

210414R1_7



210414R1_7



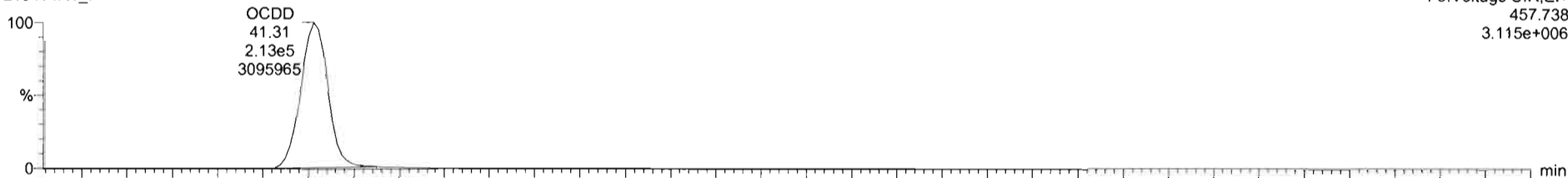
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

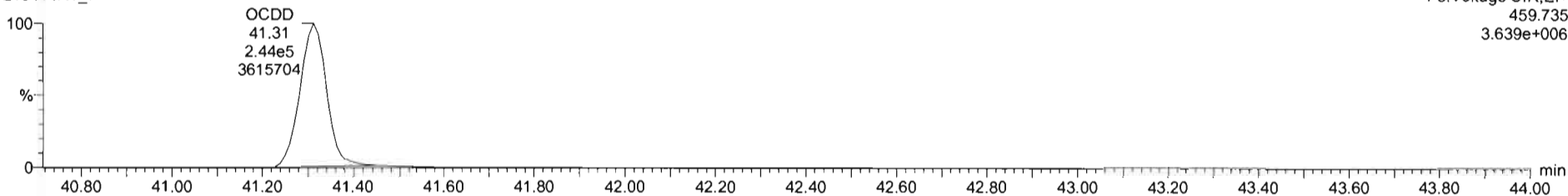
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OCDD

210414R1_7

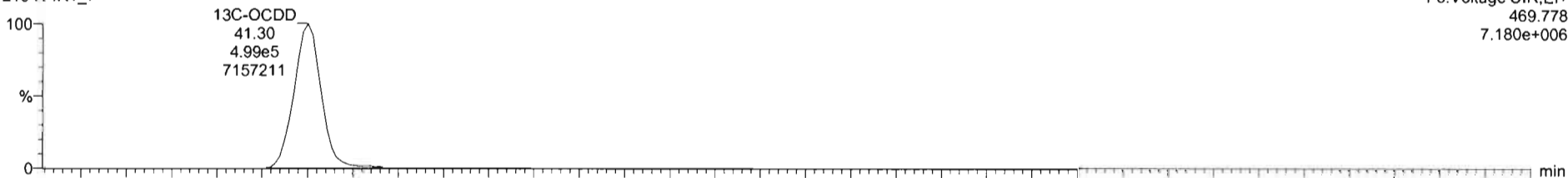


210414R1_7

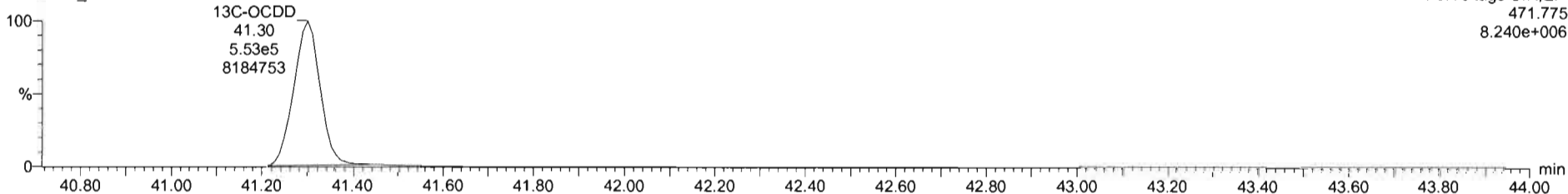


13C-OCDD

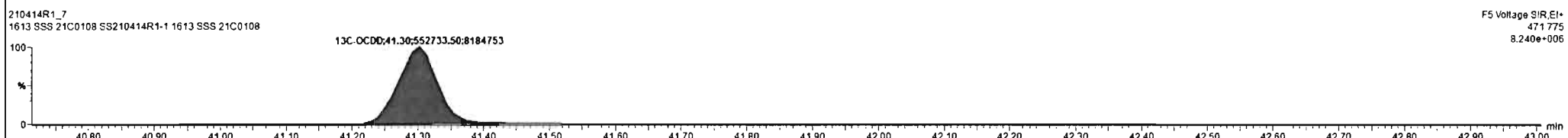
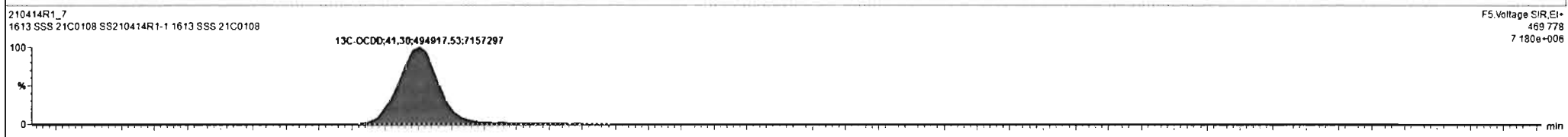
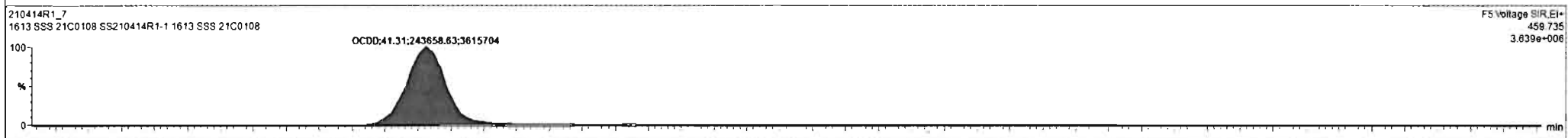
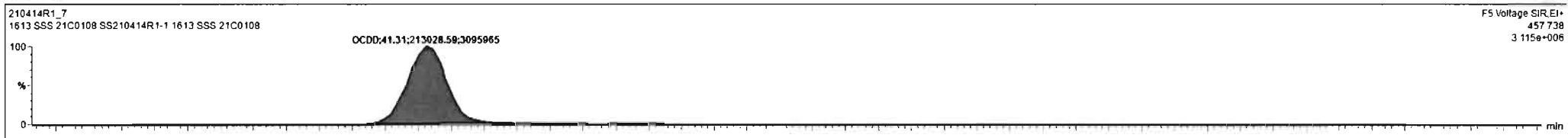
210414R1_7



210414R1_7



Name	Resp	RA	nly	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.42e5	0.76	NO	0.9201	1.000	26.43	1.001	9.50	95.9	0.0124	9.50
2 1,2,3,7,8-PeCDD	4.59e5	0.60	NO	0.8257	1.000	31.26	1.000	48.1	96.2	0.0507	48.1
3 1,2,3,4,7,8-HxCDD	3.68e5	1.24	NO	0.9725	1.000	34.61	1.000	50.2	100	0.114	50.2
4 1,2,3,6,7,8-HxCDD	3.95e5	1.23	NO	0.8771	1.000	34.74	1.001	52.9	106	0.119	52.9
5 1,2,3,7,8,9-HxCDD	3.69e5	1.25	NO	0.8739	1.000	35.03	1.000	49.6	99.2	0.114	49.6
6 1,2,3,4,6,7,8-HpCDD	2.71e5	1.02	NO	0.8967	1.000	38.31	1.001	48.7	97.4	0.133	48.7
7 OCDD	4.57e5	0.87	NO	0.8524	1.000	41.31	1.000	102	102	0.151	102
8 2,3,7,8-TCDF	1.58e5	0.75	NO	0.7466	1.000	26.34	1.001	8.83	98.3	0.0164	9.83
9 1,2,3,7,8-PeCDF	6.59e5	1.57	NO	0.8771	1.000	30.10	1.000	47.7	95.4	0.0773	47.7
10 2,3,4,7,8-PeCDF	6.89e5	1.54	NO	0.9621	1.000	31.09	1.000	50.9	102	0.0782	50.9
11 1,2,3,4,7,8-HxCDF	4.77e5	1.21	NO	0.9202	1.000	33.68	1.001	52.9	106	0.0947	52.9
12 1,2,3,6,7,8-HxCDF	5.01e5	1.22	NO	0.9363	1.000	33.81	1.000	51.1	102	0.0912	51.1
13 2,3,4,6,7,8-HxCDF	4.67e5	1.22	NO	0.9725	1.000	34.50	1.000	52.81	106	0.1051	52.81



Regdx 210414R1_7 CAP NUM

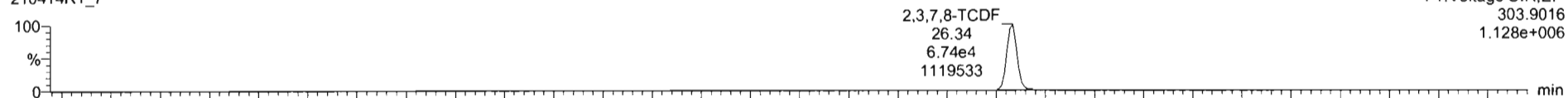
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

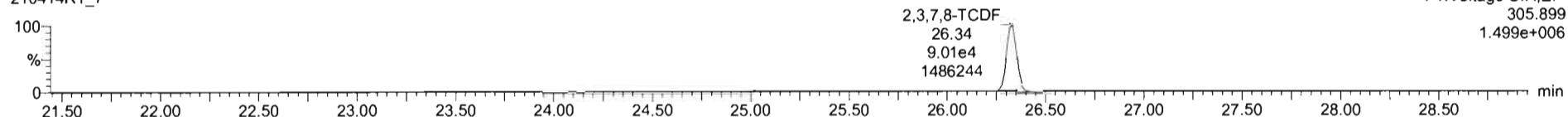
Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

2,3,7,8-TCDF

210414R1_7

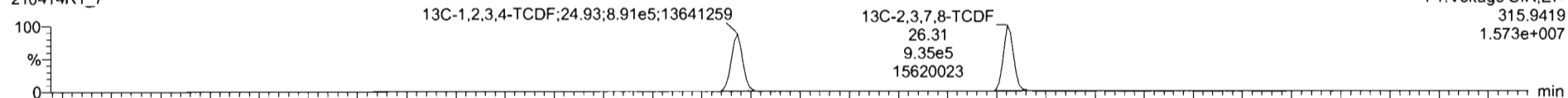


210414R1_7

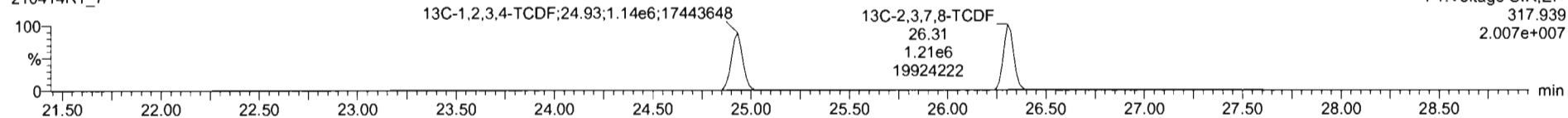


13C-2,3,7,8-TCDF

210414R1_7

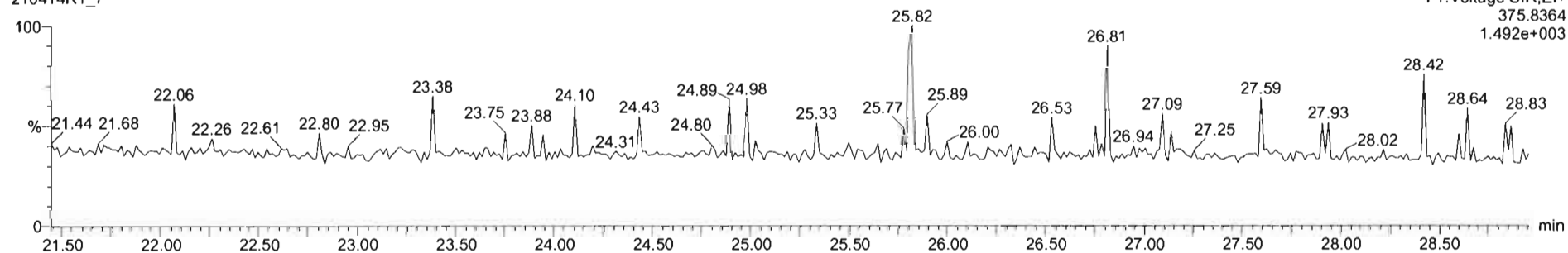


210414R1_7



DPE1

210414R1_7



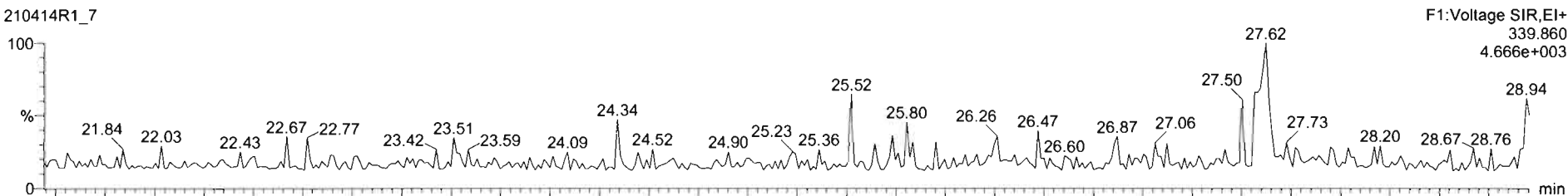
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

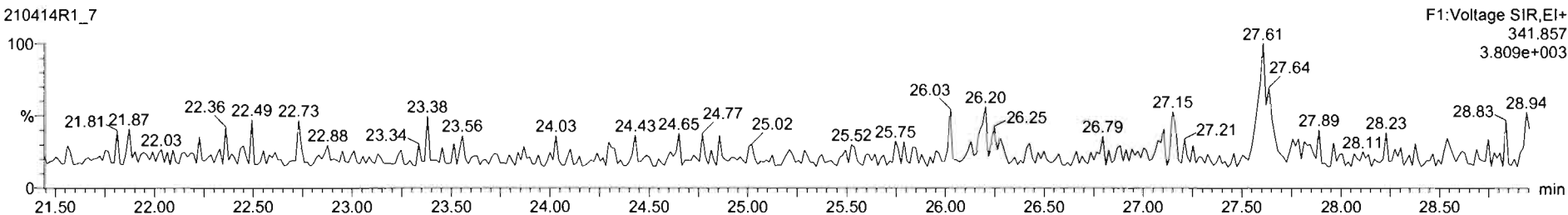
Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

1st Func. Penta-Furans

210414R1_7

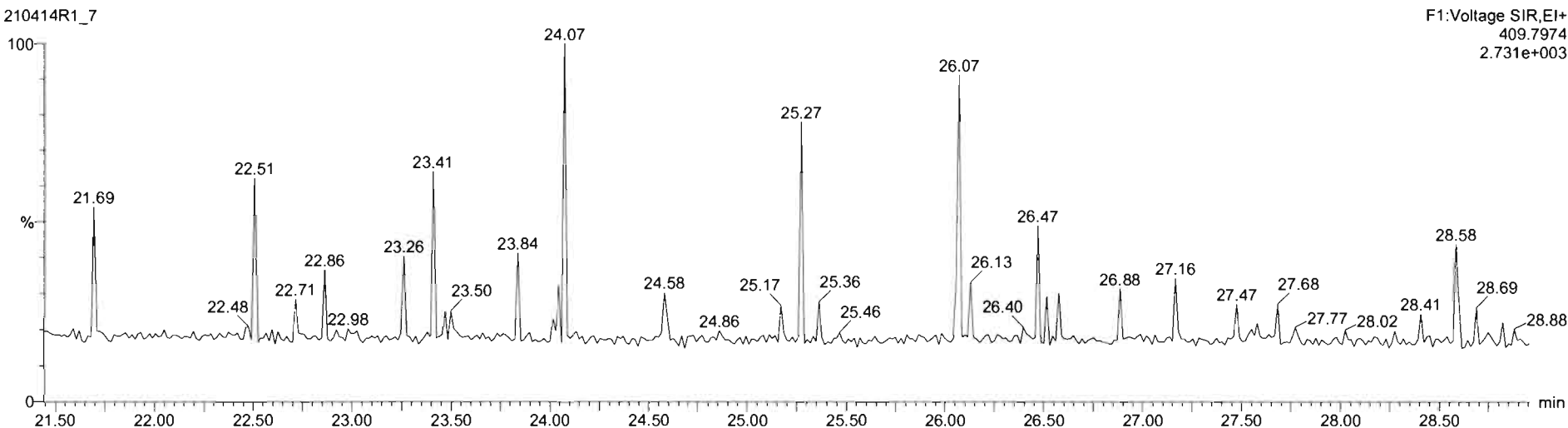


210414R1_7



DPE6

210414R1_7



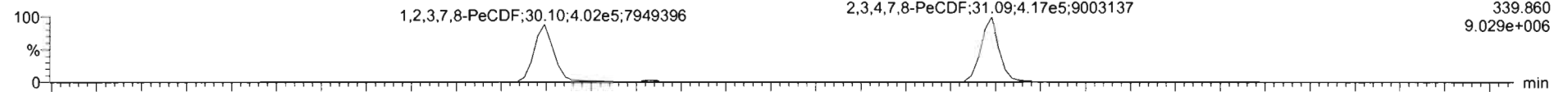
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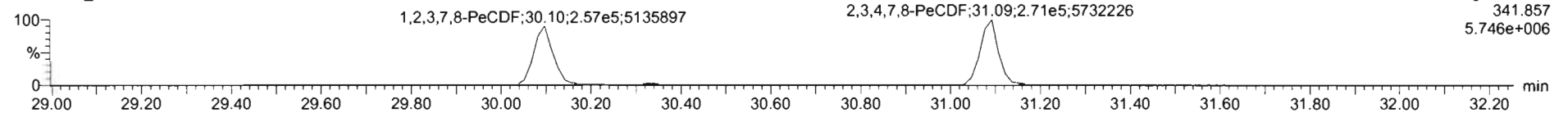
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1,2,3,7,8-PeCDF

210414R1_7

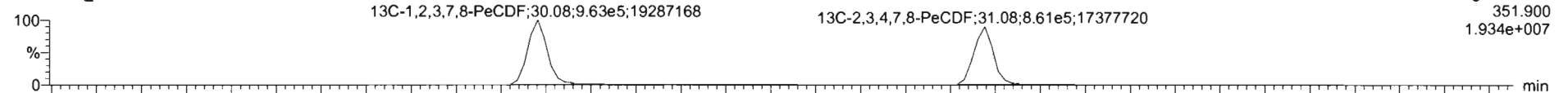


210414R1_7

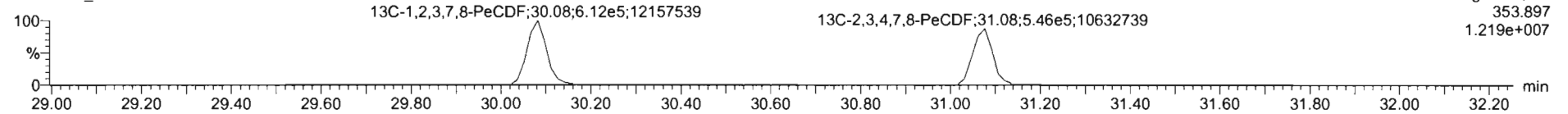


13C-1,2,3,7,8-PeCDF

210414R1_7

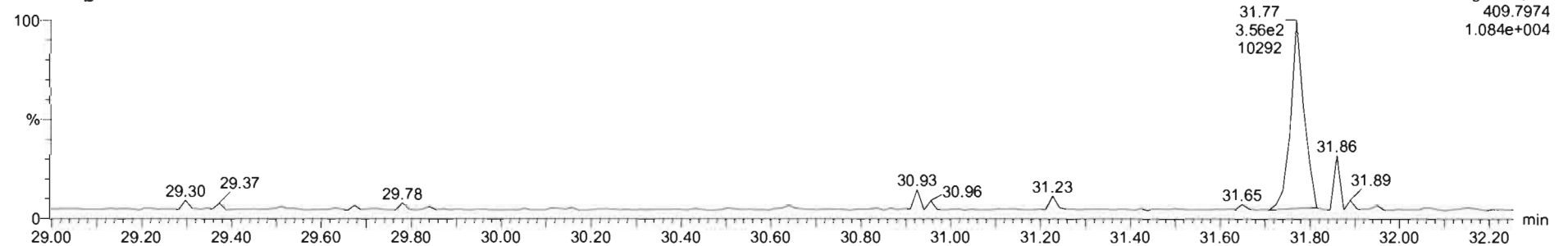


210414R1_7



DPE2

210414R1_7



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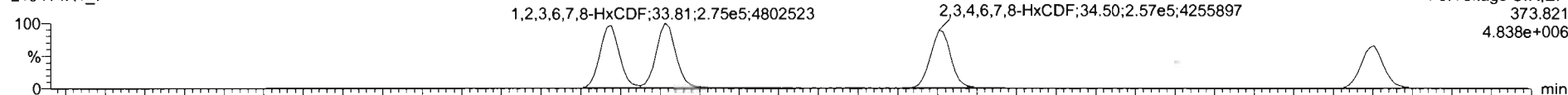
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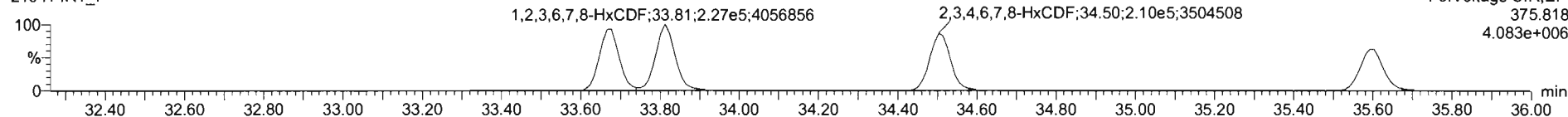
Name: 210414R1_7, Date: 14-Apr-2021, Time: 14:34:13, ID: SS210414R1-1 1613 SSS 21C0108, Description: 1613 SSS 21C0108

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

210414R1_7

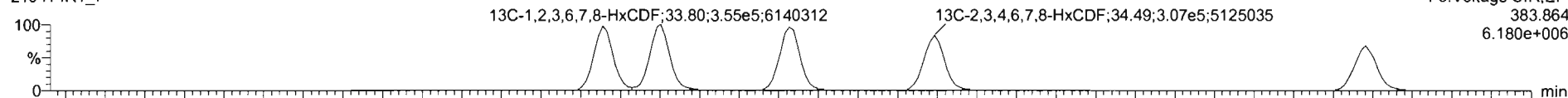


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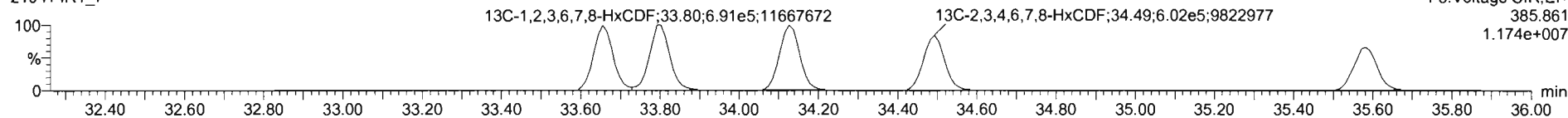


13C-1,2,3,4,7,8-HxCDF

210414R1_7

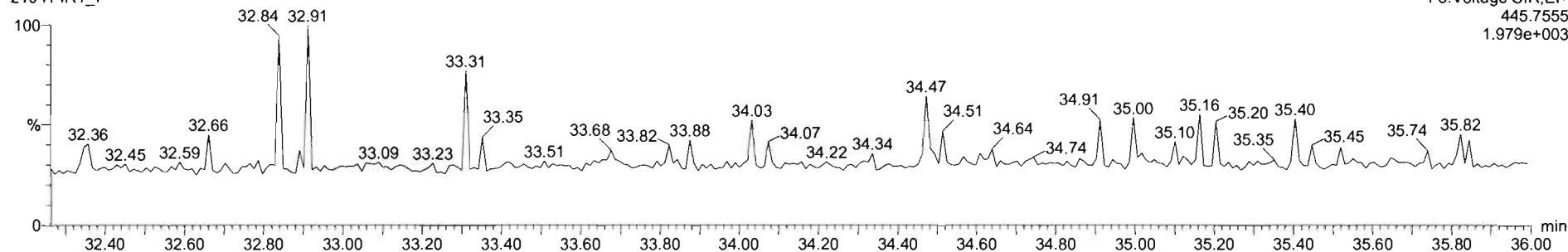


210414R1_7

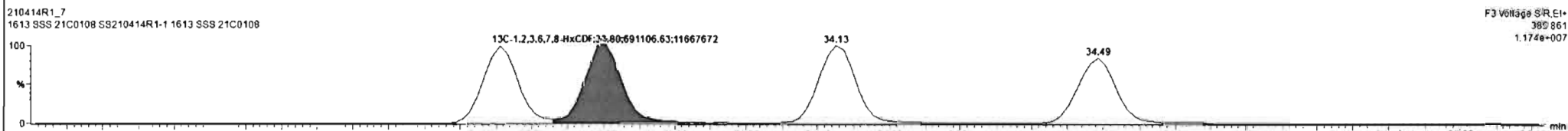
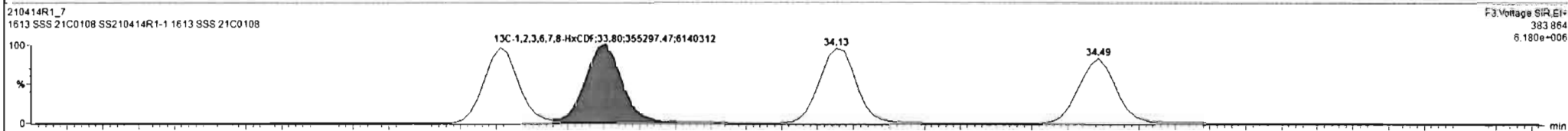
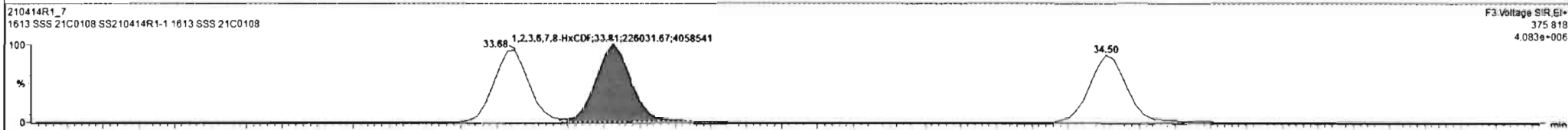
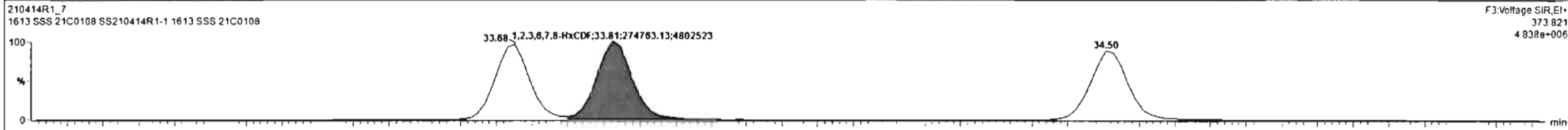


DPE3

210414R1_7

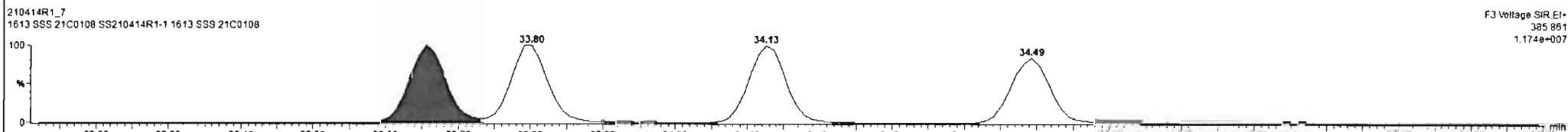
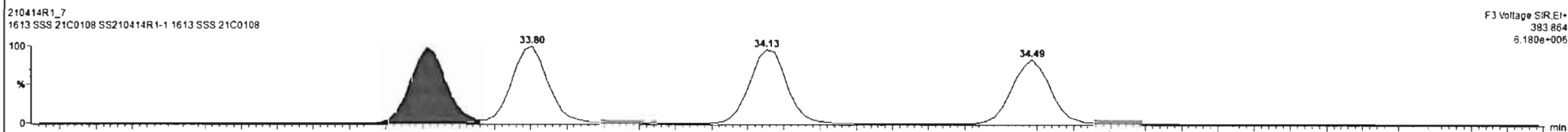
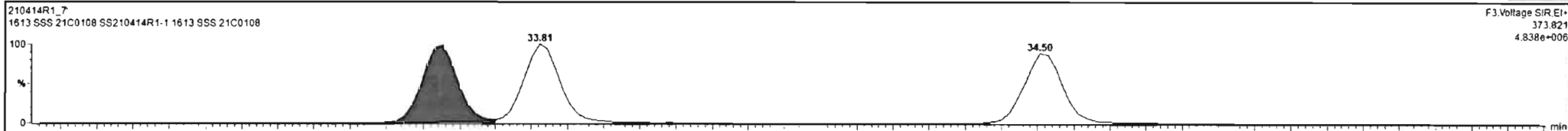


Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	NRec	DL	EMPC	
1	2,3,7,8-TCDD	1.42e5	0.76	NO	0.9291	1.000	26.93	1.001	9.59	95.9	0.0124	9.59
2	1,2,3,7,8-PeCDD	4.59e5	0.60	NO	0.8257	1.000	31.26	1.000	48.1	96.2	0.0507	48.1
3	1,2,3,4,7,8-HxCDD	3.68e5	1.24	NO	0.9725	1.000	34.61	1.000	50.2	100	0.114	50.2
4	1,2,3,6,7,8-HxCDD	3.95e5	1.23	NO	0.8771	1.000	34.74	1.001	52.9	106	0.119	52.9
5	1,2,3,7,8,9-HxCDD	3.89e5	1.25	NO	0.8739	1.000	35.03	1.000	49.6	99.2	0.114	49.6
6	1,2,3,4,6,7,8-HpCDD	2.71e5	1.02	NO	0.8987	1.000	36.31	1.001	48.7	97.4	0.133	48.7
7	OCDD	4.57e5	0.87	NO	0.8524	1.000	41.31	1.000	102	102	0.151	102
8	2,3,7,8-TCDF	1.58e5	0.75	NO	0.7466	1.000	26.34	1.001	9.83	98.3	0.0164	9.83
9	1,2,3,7,8-PeCDF	6.59e5	1.57	NO	0.8771	1.000	30.10	1.000	47.7	95.4	0.0773	47.7
10	2,3,4,7,8-PeCDF	8.89e5	1.54	NO	0.9621	1.000	31.09	1.000	50.9	102	0.0782	50.9
11	1,2,3,4,7,8-HxCDF	4.77e5	1.21	NO	0.9202	1.000	33.68	1.001	52.9	106	0.0947	52.9
12	1,2,3,6,7,8-HxCDF	5.01e5	1.22	NO	0.9363	1.000	33.81	1.000	51.1	102	0.0912	51.1
13	1,2,3,4,6,7,8-HxCDF	4.87e5	1.22	NO	0.9725	1.000	34.50	1.000	52.8	106	0.105	52.8



Regd. 210414R1_7 CAP HUM

Name	Resp	RA	nHy	RRF	wt/wal	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.42e5	0.78	NO	0.9291	1.000	28.93	1.001	9.59	95.9	0.0124	9.59
2 1,2,3,7,8-PeCDD	4.59e5	0.60	NO	0.8257	1.000	31.26	1.000	48.1	96.2	0.0507	48.1
3 1,2,3,4,7,8-HxCDD	3.68e5	1.24	NO	0.9725	1.000	34.61	1.000	50.2	100	0.114	50.2
4 1,2,3,6,7,8-HxCDD	3.95e5	1.23	NO	0.8771	1.000	34.74	1.001	52.9	106	0.119	52.9
5 1,2,3,7,8,9-HxCDD	3.89e5	1.25	NO	0.8739	1.000	35.03	1.000	49.6	99.2	0.114	49.6
6 1,2,3,4,6,7,8-HpCDD	2.71e5	1.02	NO	0.8967	1.000	38.31	1.001	48.7	97.4	0.133	48.7
7 OCDD	4.57e5	0.87	NO	0.8524	1.000	41.31	1.000	102	102	0.151	102
8 2,3,7,8-TCDF	1.58e5	0.75	NO	0.7466	1.000	26.34	1.001	9.83	98.3	0.0164	9.83
9 1,2,3,7,8-PeCDF	6.59e5	1.57	NO	0.8771	1.000	30.10	1.000	47.7	95.4	0.0773	47.7
10 2,3,4,7,8-HxCDF	8.89e5	1.54	NO	0.9621	1.000	31.09	1.000	50.8	102	0.0782	50.9
11 1,2,3,4,7,8-HxCDF	4.77e5	1.21	NO	0.9002	1.000	33.68	1.001	52.9	106	0.0947	52.9
12 1,2,3,6,7,8-HxCDF	5.01e5	1.22	NO	0.9363	1.000	33.81	1.000	51.1	102	0.0912	51.1
13 2,3,4,6,7,8-HxCDF	4.87e5	1.22	NO	0.9725	1.000	34.50	1.000	52.6	106	0.105	52.8



Regdx 210414R1_7 CAP NUM

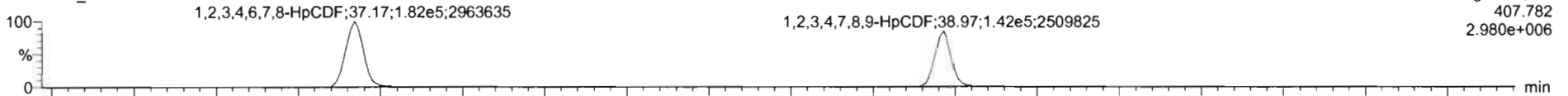
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Last Altered: Thursday, April 15, 2021 10:05:01 Pacific Daylight Time
Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

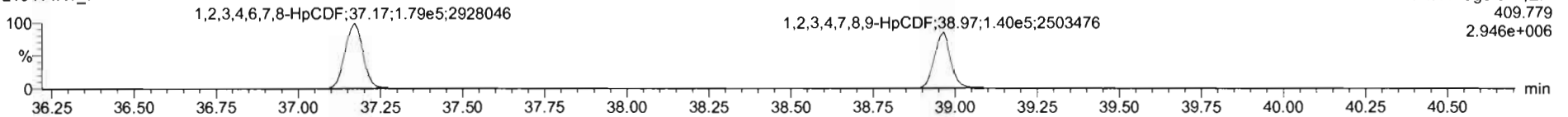
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210414R1_7

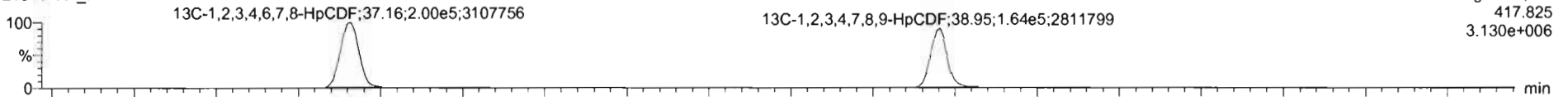


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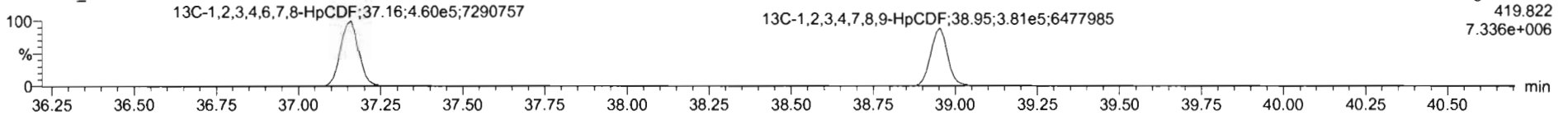


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210414R1_7

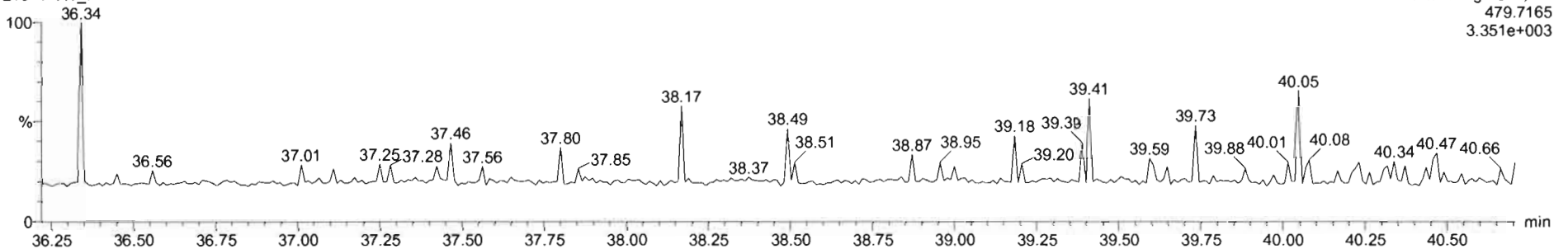


210414R1_7



DPE4

210414R1_7

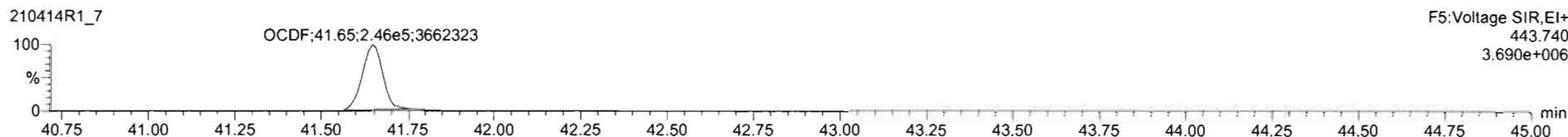
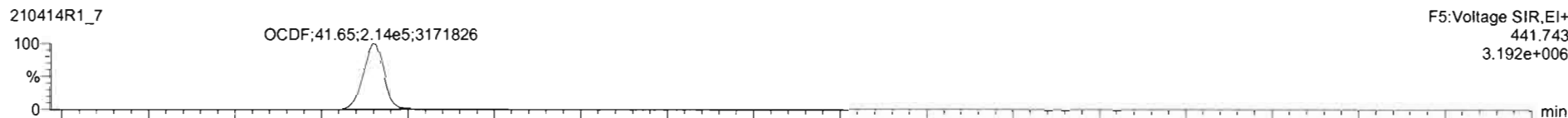


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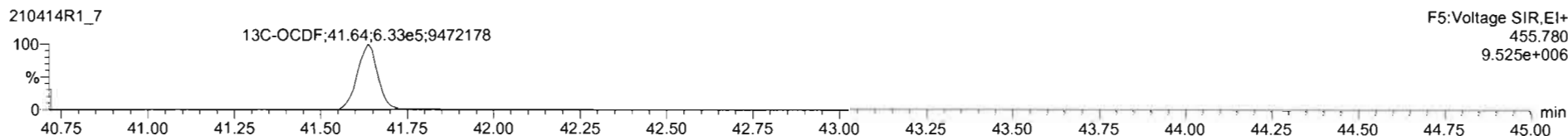
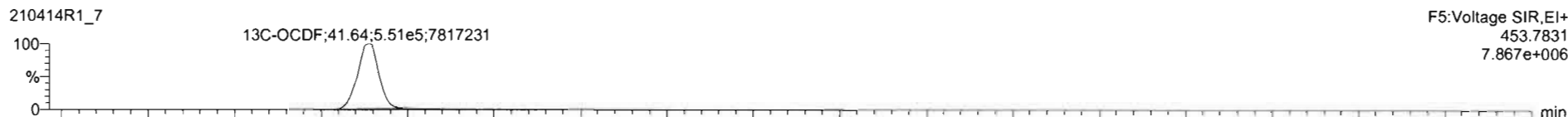
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Printed: Thursday, April 15, 2021 10:05:13 Pacific Daylight Time

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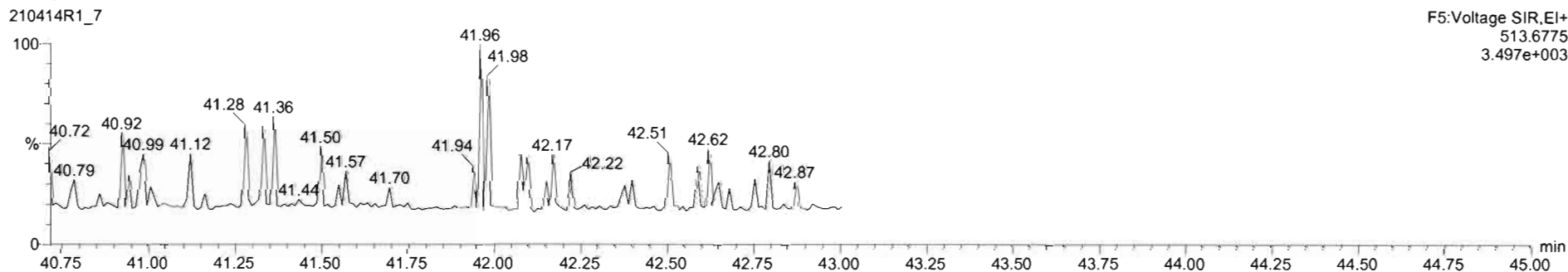
OCDF



13C-OCDF



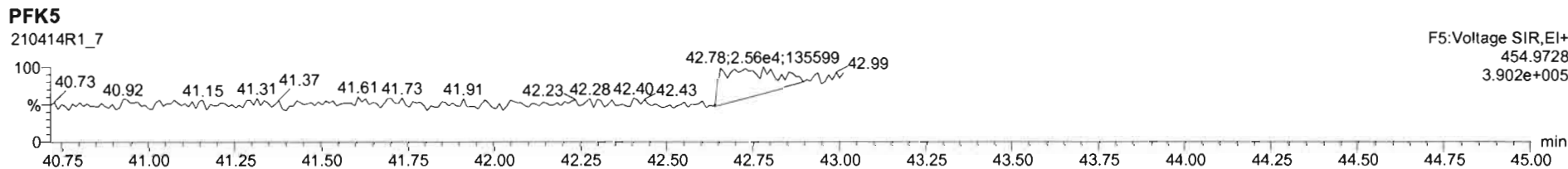
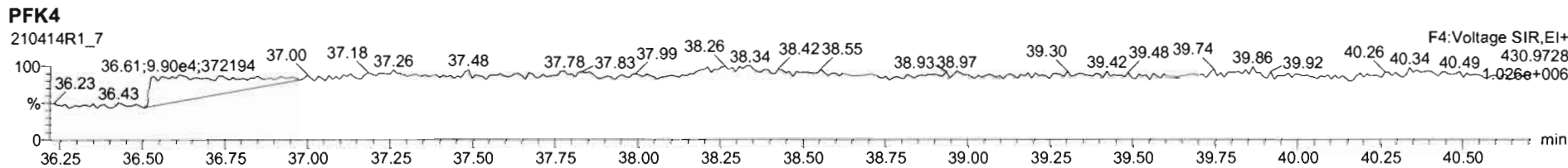
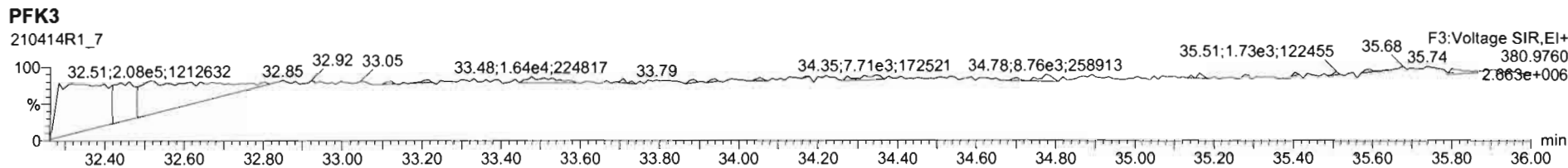
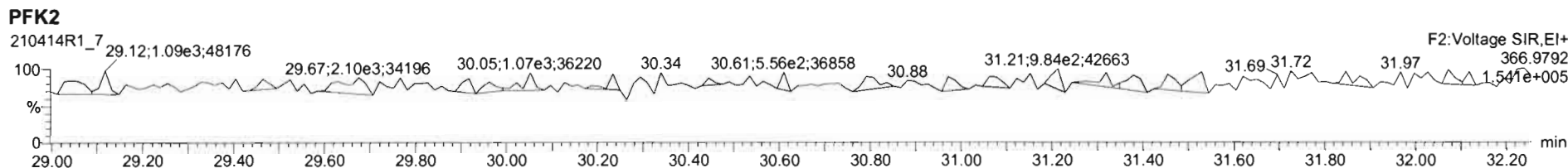
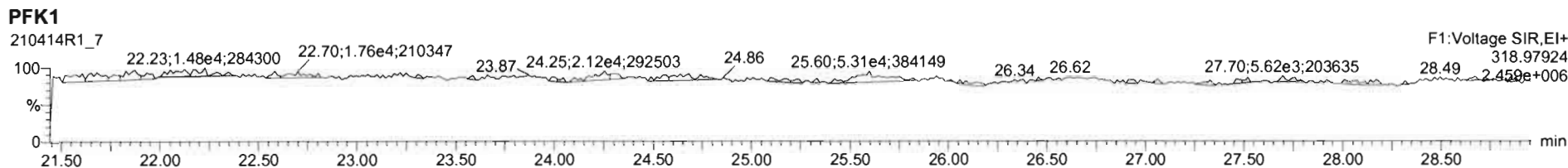
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Last Altered: Thursday, April 15, 2021 10:05:01 Pacific Daylight Time
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Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

Hc 11-26-2020

GPB 11/26/2020

Last Altered: Wednesday, November 25, 2020 17:49:42 Pacific Standard Time
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*- Beginning res check had one mass under to K₁ column bleed
 - End rescheck had 1 mass under 10K and 2 masses affected by column bleed*

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_11-24-20.mdb 25 Nov 2020 08:43:46
 Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 17:49:42

Compound name: PCB-1

Response Factor: 0.985672

RRF SD: 0.0704918, Relative SD: 7.15164

Response type: Internal Std (Ref 169), 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	201125K1_1	0.250	3.36	NO	15.44	1.001	7.25e3	2.97e6	0.248	-0.7	0.978	bb
2	201125K1_2	1.00	3.12	NO	15.44	1.001	2.97e4	3.25e6	0.928	-7.2	0.915	bb
3	201125K1_3	2.50	3.27	NO	15.44	1.001	8.50e4	3.65e6	2.36	-5.5	0.932	bb
4	201125K1_4	50.0	3.21	NO	15.44	1.001	1.86e6	3.34e6	56.4	12.8	1.11	bb
5	201125K1_5	400	3.16	NO	15.43	1.001	1.40e7	3.47e6	410	2.6	1.01	bb
6	201125K1_6	1000	3.14	NO	15.47	1.002	3.16e7	3.27e6	980	-2.0	0.966	bb

Compound name: PCB-2

Response Factor: 1.02202

RRF SD: 0.0760829, Relative SD: 7.44434

Response type: Internal Std (Ref 170), 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	201125K1_1	0.250	2.88	NO	17.83	0.988	7.66e3	2.95e6	0.254	1.7	1.04	MM
2	201125K1_2	1.00	3.20	NO	17.83	0.988	3.14e4	3.20e6	0.961	-3.9	0.982	bb
3	201125K1_3	2.50	3.15	NO	17.83	0.988	8.38e4	3.59e6	2.28	-8.7	0.933	bd
4	201125K1_4	50.0	3.21	NO	17.83	0.988	1.90e6	3.30e6	56.4	12.7	1.15	bb
5	201125K1_5	400	3.16	NO	17.83	0.988	1.45e7	3.46e6	409	2.2	1.04	bb
6	201125K1_6	1000	3.17	NO	17.85	0.988	3.33e7	3.39e6	960	-4.0	0.981	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

Last Altered: Wednesday, November 25, 2020 17:49:42 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:29:32 Pacific Standard Time

Compound name: PCB-3

Response Factor: 1.0025

RRF SD: 0.0765671, Relative SD: 7.63759

Response type: Internal Std (Ref 170), 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	201125K1_1	0.250	2.98	NO	18.07	1.001	7.17e3	2.95e6	0.242	-3.0	0.972	MM
2	201125K1_2	1.00	3.11	NO	18.07	1.001	3.10e4	3.20e6	0.969	-3.1	0.971	bb
3	201125K1_3	2.50	3.10	NO	18.07	1.001	8.35e4	3.59e6	2.32	-7.3	0.929	db
4	201125K1_4	50.0	3.16	NO	18.07	1.001	1.89e6	3.30e6	57.1	14.2	1.14	bb
5	201125K1_5	400	3.14	NO	18.06	1.001	1.42e7	3.46e6	411	2.7	1.03	bb
6	201125K1_6	1000	3.13	NO	18.09	1.001	3.29e7	3.39e6	966	-3.4	0.968	bb

Compound name: PCB-4/10

Response Factor: 1.20743

RRF SD: 0.0879846, Relative SD: 7.28692

Response type: Internal Std (Ref 171), 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	201125K1_1	0.500	1.63	NO	19.47	1.004	1.15e4	1.93e6	0.494	-1.1	1.19	MM
2	201125K1_2	2.00	1.61	NO	19.47	1.004	4.70e4	2.09e6	1.87	-6.7	1.13	MM
3	201125K1_3	5.00	1.55	NO	19.48	1.004	1.31e5	2.30e6	4.70	-5.9	1.14	MM
4	201125K1_4	100	1.58	NO	19.48	1.004	2.86e6	2.10e6	113	13.0	1.36	MM
5	201125K1_5	800	1.59	NO	19.47	1.004	2.18e7	2.19e6	825	3.1	1.24	MM
6	201125K1_6	2000	1.57	NO	19.49	1.004	5.09e7	2.15e6	1950	-2.3	1.18	MM

Compound name: PCB-7/9

Response Factor: 0.938865

RRF SD: 0.0704388, Relative SD: 7.50254

Response type: Internal Std (Ref 172), 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	201125K1_1	0.500	1.47	NO	21.27	1.003	1.44e4	3.09e6	0.496	-0.7	0.932	MM
2	201125K1_2	2.00	1.54	NO	21.26	1.003	6.04e4	3.35e6	1.92	-3.9	0.903	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

Last Altered: Wednesday, November 25, 2020 17:49:42 Pacific Standard Time

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Compound name: PCB-7/9

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	5.00	1.61	NO	21.26	1.003	1.59e5	3.70e6	4.58	-8.5	0.859	bb
4	201125K1_4	100	1.59	NO	21.24	1.002	3.52e6	3.30e6	114	13.5	1.07	bb
5	201125K1_5	800	1.58	NO	21.26	1.003	2.70e7	3.52e6	816	2.0	0.958	bb
6	201125K1_6	2000	1.58	NO	21.26	1.002	6.37e7	3.48e6	1950	-2.5	0.915	bb

Compound name: PCB-6

Response Factor: 0.996323

RRF SD: 0.0783203, Relative SD: 7.86093

Response type: Internal Std (Ref 172), 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	201125K1_1	0.250	1.40	NO	21.92	1.033	8.07e3	3.09e6	0.262	4.9	1.05	MM
2	201125K1_2	1.00	1.61	NO	21.92	1.033	3.12e4	3.35e6	0.935	-6.5	0.931	MM
3	201125K1_3	2.50	1.56	NO	21.92	1.033	8.40e4	3.70e6	2.28	-8.9	0.907	bb
4	201125K1_4	50.0	1.60	NO	21.92	1.033	1.85e6	3.30e6	56.2	12.5	1.12	bb
5	201125K1_5	400	1.59	NO	21.92	1.034	1.41e7	3.52e6	403	0.7	1.00	bb
6	201125K1_6	1000	1.59	NO	21.93	1.033	3.38e7	3.48e6	974	-2.6	0.970	bb

Compound name: PCB-5/8

Response Factor: 0.975768

RRF SD: 0.0765916, Relative SD: 7.84937

Response type: Internal Std (Ref 172), 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	201125K1_1	0.500	1.40	NO	22.33	1.053	1.59e4	3.09e6	0.527	5.3	1.03	MM
2	201125K1_2	2.00	1.66	NO	22.32	1.052	6.08e4	3.35e6	1.86	-6.9	0.908	MM
3	201125K1_3	5.00	1.62	NO	22.32	1.052	1.65e5	3.70e6	4.57	-8.6	0.892	bb
4	201125K1_4	100	1.57	NO	22.32	1.052	3.62e6	3.30e6	112	12.3	1.10	bb
5	201125K1_5	800	1.57	NO	22.32	1.053	2.76e7	3.52e6	804	0.5	0.980	bb
6	201125K1_6	2000	1.57	NO	22.34	1.052	6.61e7	3.48e6	1950	-2.6	0.950	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-14

Response Factor: 1.02377

RRF SD: 0.0911805, Relative SD: 8.90635

Response type: Internal Std (Ref 173), 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	201125K1_1	0.250	1.51	NO	23.45	0.951	8.24e3	2.98e6	0.270	7.9	1.10	bd
2	201125K1_2	1.00	1.71	NO	23.45	0.951	3.04e4	3.27e6	0.909	-9.1	0.930	bd
3	201125K1_3	2.50	1.60	NO	23.45	0.951	8.37e4	3.57e6	2.29	-8.4	0.938	bb
4	201125K1_4	50.0	1.60	NO	23.45	0.951	1.83e6	3.17e6	56.4	12.9	1.16	bd
5	201125K1_5	400	1.58	NO	23.45	0.951	1.39e7	3.38e6	403	0.7	1.03	bb
6	201125K1_6	1000	1.59	NO	23.47	0.951	3.37e7	3.43e6	961	-3.9	0.983	bd

Compound name: PCB-11

Response Factor: 1.11599

RRF SD: 0.111011, Relative SD: 9.94726

Response type: Internal Std (Ref 173), 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	201125K1_1	0.250	1.69	NO	24.68	1.001	9.47e3	2.98e6	0.284	13.7	1.27	MM
2	201125K1_2	1.00	1.62	NO	24.67	1.001	3.37e4	3.27e6	0.924	-7.6	1.03	db
3	201125K1_3	2.50	1.63	NO	24.67	1.001	8.95e4	3.57e6	2.25	-10.1	1.00	db
4	201125K1_4	50.0	1.59	NO	24.68	1.001	1.95e6	3.17e6	55.3	10.6	1.23	db
5	201125K1_5	400	1.56	NO	24.68	1.001	1.49e7	3.38e6	397	-0.9	1.11	db
6	201125K1_6	1000	1.60	NO	24.69	1.001	3.61e7	3.43e6	942	-5.8	1.05	db

Compound name: PCB-12/13

Response Factor: 1.01889

RRF SD: 0.0791029, Relative SD: 7.76366

Response type: Internal Std (Ref 173), 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	201125K1_1	0.500	1.46	NO	25.04	1.015	1.55e4	2.98e6	0.510	2.0	1.04	MM
2	201125K1_2	2.00	1.63	NO	25.04	1.016	6.21e4	3.27e6	1.87	-6.7	0.951	MM

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

Last Altered: Wednesday, November 25, 2020 17:49:42 Pacific Standard Time
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Compound name: PCB-12/13

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	5.00	1.53	NO	25.04	1.016	1.68e5	3.57e6	4.61	-7.8	0.939	MM
4	201125K1_4	100	1.58	NO	25.05	1.016	3.66e6	3.17e6	113	13.3	1.15	MM
5	201125K1_5	800	1.59	NO	25.04	1.016	2.81e7	3.38e6	817	2.2	1.04	MM
6	201125K1_6	2000	1.58	NO	25.06	1.016	6.78e7	3.43e6	1940	-3.0	0.988	MM

Compound name: PCB-15

Response Factor: 1.01688

RRF SD: 0.086291, Relative SD: 8.48583

Response type: Internal Std (Ref 173), 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	201125K1_1	0.250	1.48	NO	25.39	1.030	7.29e3	2.98e6	0.240	-3.8	0.978	MM
2	201125K1_2	1.00	1.70	NO	25.39	1.030	3.09e4	3.27e6	0.932	-6.8	0.948	MM
3	201125K1_3	2.50	1.71	NO	25.39	1.030	8.44e4	3.57e6	2.32	-7.0	0.945	MM
4	201125K1_4	50.0	1.56	NO	25.39	1.030	1.86e6	3.17e6	57.8	15.7	1.18	MM
5	201125K1_5	400	1.56	NO	25.39	1.030	1.40e7	3.38e6	409	2.1	1.04	MM
6	201125K1_6	1000	1.58	NO	25.41	1.030	3.48e7	3.43e6	999	-0.1	1.02	MM

Compound name: PCB-19

Response Factor: 0.972102

RRF SD: 0.0817166, Relative SD: 8.40617

Response type: Internal Std (Ref 174), 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	201125K1_1	0.250	1.10	NO	23.64	1.001	4.17e3	1.59e6	0.270	8.0	1.05	MM
2	201125K1_2	1.00	1.03	NO	23.63	1.001	1.61e4	1.76e6	0.941	-5.9	0.914	bb
3	201125K1_3	2.50	1.04	NO	23.64	1.001	4.28e4	1.98e6	2.23	-10.9	0.866	bb
4	201125K1_4	50.0	1.02	NO	23.64	1.001	9.46e5	1.75e6	55.5	11.0	1.08	bb
5	201125K1_5	400	1.03	NO	23.64	1.001	7.38e6	1.87e6	406	1.5	0.987	bb
6	201125K1_6	1000	1.03	NO	23.65	1.001	1.72e7	1.84e6	964	-3.6	0.937	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-30

Response Factor: 1.54024

RRF SD: 0.117379, Relative SD: 7.62081

Response type: Internal Std (Ref 174), 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	201125K1_1	0.250	0.98	NO	24.56	1.040	6.26e3	1.59e6	0.255	2.2	1.57	bb
2	201125K1_2	1.00	1.03	NO	24.55	1.040	2.54e4	1.76e6	0.936	-6.4	1.44	bb
3	201125K1_3	2.50	1.03	NO	24.55	1.039	6.94e4	1.98e6	2.28	-8.8	1.40	bb
4	201125K1_4	50.0	1.04	NO	24.56	1.040	1.52e6	1.75e6	56.2	12.5	1.73	bb
5	201125K1_5	400	1.03	NO	24.56	1.040	1.18e7	1.87e6	411	2.7	1.58	bb
6	201125K1_6	1000	1.03	NO	24.57	1.040	2.77e7	1.84e6	979	-2.1	1.51	bb

Compound name: PCB-18

Response Factor: 0.719392

RRF SD: 0.0623199, Relative SD: 8.66286

Response type: Internal Std (Ref 175), 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	201125K1_1	0.250	1.11	NO	25.33	0.952	4.47e3	2.30e6	0.270	8.0	0.777	MM
2	201125K1_2	1.00	1.02	NO	25.32	0.952	1.69e4	2.54e6	0.923	-7.7	0.664	bd
3	201125K1_3	2.50	1.03	NO	25.32	0.952	4.67e4	2.88e6	2.26	-9.7	0.650	bd
4	201125K1_4	50.0	1.03	NO	25.32	0.952	1.02e6	2.56e6	55.6	11.3	0.801	bd
5	201125K1_5	400	1.03	NO	25.32	0.952	8.03e6	2.71e6	411	2.8	0.740	bd
6	201125K1_6	1000	1.03	NO	25.33	0.951	1.88e7	2.74e6	952	-4.8	0.685	bd

Compound name: PCB-17

Response Factor: 0.671724

RRF SD: 0.0544809, Relative SD: 8.11061

Response type: Internal Std (Ref 175), 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	201125K1_1	0.250	1.01	NO	25.49	0.958	4.09e3	2.30e6	0.265	6.0	0.712	MM
2	201125K1_2	1.00	0.98	NO	25.49	0.959	1.61e4	2.54e6	0.942	-5.8	0.633	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-17

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.02	NO	25.49	0.959	4.38e4	2.88e6	2.27	-9.3	0.610	db
4	201125K1_4	50.0	1.03	NO	25.49	0.959	9.59e5	2.56e6	55.8	11.7	0.750	db
5	201125K1_5	400	1.02	NO	25.49	0.959	7.50e6	2.71e6	411	2.8	0.691	db
6	201125K1_6	1000	1.03	NO	25.51	0.959	1.74e7	2.74e6	945	-5.5	0.635	db

Compound name: PCB-24/27

Response Factor: 0.932359

RRF SD: 0.0709484, Relative SD: 7.60956

Response type: Internal Std (Ref 175), 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	201125K1_1	0.500	1.07	NO	26.09	0.981	1.07e4	2.30e6	0.498	-0.4	0.929	MM
2	201125K1_2	2.00	0.98	NO	26.08	0.981	4.49e4	2.54e6	1.89	-5.4	0.882	bb
3	201125K1_3	5.00	1.01	NO	26.08	0.981	1.22e5	2.88e6	4.55	-9.0	0.849	bb
4	201125K1_4	100	1.03	NO	26.08	0.981	2.69e6	2.56e6	113	12.8	1.05	bb
5	201125K1_5	800	1.03	NO	26.08	0.981	2.10e7	2.71e6	828	3.5	0.965	bb
6	201125K1_6	2000	1.04	NO	26.10	0.981	5.02e7	2.74e6	1970	-1.6	0.917	bb

Compound name: PCB-16/32

Response Factor: 0.824375

RRF SD: 0.0766559, Relative SD: 9.29866

Response type: Internal Std (Ref 175), 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	201125K1_1	0.500	1.19	NO	26.62	1.000	1.06e4	2.30e6	0.560	12.0	0.923	MM
2	201125K1_2	2.00	0.99	NO	26.62	1.001	3.96e4	2.54e6	1.89	-5.7	0.778	bb
3	201125K1_3	5.00	1.08	NO	26.62	1.001	1.05e5	2.88e6	4.44	-11.2	0.732	bb
4	201125K1_4	100	1.03	NO	26.62	1.001	2.32e6	2.56e6	110	10.1	0.908	bb
5	201125K1_5	800	1.03	NO	26.62	1.001	1.80e7	2.71e6	802	0.3	0.827	bb
6	201125K1_6	2000	1.03	NO	26.64	1.001	4.27e7	2.74e6	1890	-5.5	0.779	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-34

Response Factor: 0.877693

RRF SD: 0.0699252, Relative SD: 7.96693

Response type: Internal Std (Ref 176), 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 201125K1_1	0.250	1.10	NO	27.44	0.959	5.72e3	2.83e6	0.230	-7.9	0.808	bd
2 201125K1_2	1.00	1.03	NO	27.42	0.958	2.59e4	3.00e6	0.983	-1.7	0.863	bd
3 201125K1_3	2.50	1.02	NO	27.44	0.959	7.00e4	3.35e6	2.38	-4.7	0.837	bd
4 201125K1_4	50.0	1.06	NO	27.44	0.959	1.50e6	2.99e6	57.2	14.4	1.00	bd
5 201125K1_5	400	1.05	NO	27.44	0.959	1.15e7	3.18e6	414	3.4	0.908	bd
6 201125K1_6	1000	1.08	NO	27.46	0.959	2.74e7	3.23e6	966	-3.4	0.848	bd

Compound name: PCB-23

Response Factor: 0.891988

RRF SD: 0.0647883, Relative SD: 7.26336

Response type: Internal Std (Ref 176), 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 201125K1_1	0.250	1.05	NO	27.53	0.962	6.33e3	2.83e6	0.250	0.2	0.894	db
2 201125K1_2	1.00	1.04	NO	27.53	0.962	2.57e4	3.00e6	0.959	-4.1	0.855	dd
3 201125K1_3	2.50	1.05	NO	27.53	0.962	6.96e4	3.35e6	2.33	-6.7	0.832	db
4 201125K1_4	50.0	1.06	NO	27.53	0.962	1.51e6	2.99e6	56.6	13.1	1.01	db
5 201125K1_5	400	1.07	NO	27.53	0.962	1.16e7	3.18e6	409	2.4	0.913	db
6 201125K1_6	1000	1.08	NO	27.55	0.962	2.74e7	3.23e6	951	-4.9	0.849	dd

Compound name: PCB-29

Response Factor: 0.861261

RRF SD: 0.0600608, Relative SD: 6.97358

Response type: Internal Std (Ref 176), 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 201125K1_1	0.250	0.96	NO	27.79	0.971	5.96e3	2.83e6	0.244	-2.3	0.841	bb
2 201125K1_2	1.00	1.06	NO	27.77	0.971	2.56e4	3.00e6	0.988	-1.2	0.851	dd

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Compound name: PCB-29

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.03	NO	27.77	0.971	6.64e4	3.35e6	2.31	-7.8	0.794	bd
4	201125K1_4	50.0	1.06	NO	27.77	0.971	1.45e6	2.99e6	56.4	12.7	0.971	bd
5	201125K1_5	400	1.05	NO	27.77	0.971	1.11e7	3.18e6	407	1.8	0.877	bd
6	201125K1_6	1000	1.04	NO	27.79	0.971	2.69e7	3.23e6	968	-3.2	0.833	dd

Compound name: PCB-26

Response Factor: 0.914637

RRF SD: 0.0705975, Relative SD: 7.71864

Response type: Internal Std (Ref 176), 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	201125K1_1	0.250	1.04	NO	28.00	0.979	6.41e3	2.83e6	0.247	-1.0	0.905	MM
2	201125K1_2	1.00	1.02	NO	28.00	0.979	2.71e4	3.00e6	0.987	-1.3	0.903	dd
3	201125K1_3	2.50	1.10	NO	28.00	0.979	6.93e4	3.35e6	2.26	-9.5	0.828	dd
4	201125K1_4	50.0	1.06	NO	28.00	0.979	1.55e6	2.99e6	56.6	13.3	1.04	dd
5	201125K1_5	400	1.07	NO	28.00	0.979	1.20e7	3.18e6	412	3.0	0.942	dd
6	201125K1_6	1000	1.06	NO	28.02	0.979	2.82e7	3.23e6	955	-4.5	0.874	dd

Compound name: PCB-25

Response Factor: 0.915347

RRF SD: 0.0710648, Relative SD: 7.7637

Response type: Internal Std (Ref 176), 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	201125K1_1	0.250	1.09	NO	28.17	0.984	6.18e3	2.83e6	0.238	-4.6	0.873	db
2	201125K1_2	1.00	1.07	NO	28.17	0.984	2.63e4	3.00e6	0.958	-4.2	0.877	db
3	201125K1_3	2.50	1.06	NO	28.17	0.984	7.30e4	3.35e6	2.38	-4.7	0.872	db
4	201125K1_4	50.0	1.04	NO	28.17	0.984	1.56e6	2.99e6	57.1	14.2	1.05	db
5	201125K1_5	400	1.06	NO	28.17	0.984	1.21e7	3.18e6	416	4.1	0.953	db
6	201125K1_6	1000	1.05	NO	28.18	0.984	2.82e7	3.23e6	953	-4.7	0.872	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-31

Response Factor: 1.03023

RRF SD: 0.0749575, Relative SD: 7.2758

Response type: Internal Std (Ref 176), 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	201125K1_1	0.250	1.16	NO	28.54	0.997	7.91e3	2.83e6	0.271	8.4	1.12	bd
2	201125K1_2	1.00	1.05	NO	28.52	0.997	3.02e4	3.00e6	0.977	-2.3	1.01	bd
3	201125K1_3	2.50	1.06	NO	28.52	0.997	7.97e4	3.35e6	2.31	-7.5	0.953	bd
4	201125K1_4	50.0	1.04	NO	28.52	0.997	1.68e6	2.99e6	54.7	9.4	1.13	bd
5	201125K1_5	400	1.04	NO	28.52	0.997	1.29e7	3.18e6	395	-1.4	1.02	bd
6	201125K1_6	1000	1.05	NO	28.54	0.997	3.11e7	3.23e6	934	-6.6	0.963	bd

Compound name: PCB-28

Response Factor: 1.01427

RRF SD: 0.0766182, Relative SD: 7.55405

Response type: Internal Std (Ref 176), 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	201125K1_1	0.250	1.13	NO	28.63	1.001	6.81e3	2.83e6	0.237	-5.2	0.961	db
2	201125K1_2	1.00	1.13	NO	28.63	1.001	2.91e4	3.00e6	0.956	-4.4	0.970	db
3	201125K1_3	2.50	1.07	NO	28.63	1.001	7.95e4	3.35e6	2.34	-6.3	0.951	db
4	201125K1_4	50.0	1.07	NO	28.63	1.001	1.72e6	2.99e6	56.8	13.6	1.15	db
5	201125K1_5	400	1.06	NO	28.63	1.001	1.34e7	3.18e6	415	3.7	1.05	db
6	201125K1_6	1000	1.06	NO	28.65	1.001	3.23e7	3.23e6	987	-1.3	1.00	db

Compound name: PCB-20/21/33

Response Factor: 0.912707

RRF SD: 0.0632905, Relative SD: 6.93438

Response type: Internal Std (Ref 176), 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	201125K1_1	0.750	1.00	NO	29.26	1.023	1.88e4	2.83e6	0.728	-2.9	0.886	MM
2	201125K1_2	3.00	1.07	NO	29.26	1.023	7.86e4	3.00e6	2.87	-4.4	0.872	bb

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Compound name: PCB-20/21/33

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	7.50	1.04	NO	29.26	1.023	2.13e5	3.35e6	6.98	-6.9	0.850	bd
4	201125K1_4	150	1.07	NO	29.26	1.023	4.60e6	2.99e6	169	12.5	1.03	bb
5	201125K1_5	1200	1.06	NO	29.26	1.023	3.58e7	3.18e6	1240	2.9	0.939	bb
6	201125K1_6	3000	1.06	NO	29.28	1.023	8.75e7	3.23e6	2970	-1.1	0.902	bb

Compound name: PCB-22

Response Factor: 0.947952

RRF SD: 0.0844312, Relative SD: 8.9067

Response type: Internal Std (Ref 176), 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	201125K1_1	0.250	1.03	NO	29.73	1.039	6.33e3	2.83e6	0.236	-5.7	0.894	MM
2	201125K1_2	1.00	1.05	NO	29.71	1.038	2.70e4	3.00e6	0.950	-5.0	0.900	bb
3	201125K1_3	2.50	1.06	NO	29.71	1.038	7.32e4	3.35e6	2.31	-7.6	0.876	bb
4	201125K1_4	50.0	1.05	NO	29.73	1.039	1.65e6	2.99e6	58.3	16.7	1.11	bb
5	201125K1_5	400	1.08	NO	29.73	1.039	1.23e7	3.18e6	407	1.7	0.964	bb
6	201125K1_6	1000	1.04	NO	29.73	1.038	3.07e7	3.23e6	1000	0.1	0.949	bb

Compound name: PCB-36

Response Factor: 1.06828

RRF SD: 0.101876, Relative SD: 9.53645

Response type: Internal Std (Ref 177), 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	201125K1_1	0.250	0.98	NO	30.36	0.931	7.37e3	2.52e6	0.274	9.4	1.17	MM
2	201125K1_2	1.00	1.00	NO	30.36	0.932	2.72e4	2.78e6	0.917	-8.3	0.980	bb
3	201125K1_3	2.50	1.14	NO	30.36	0.932	7.59e4	3.12e6	2.28	-8.8	0.975	db
4	201125K1_4	50.0	1.08	NO	30.36	0.932	1.67e6	2.75e6	56.8	13.6	1.21	bb
5	201125K1_5	400	1.06	NO	30.36	0.932	1.27e7	2.98e6	400	-0.0	1.07	bb
6	201125K1_6	1000	1.06	NO	30.38	0.932	3.05e7	3.04e6	940	-6.0	1.00	MM

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Compound name: PCB-39

Response Factor: 1.00329

RRF SD: 0.0918023, Relative SD: 9.15012

Response type: Internal Std (Ref 177), 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	201125K1_1	0.250	1.06	NO	30.84	0.946	6.93e3	2.52e6	0.274	9.5	1.10	MM
2	201125K1_2	1.00	1.01	NO	30.84	0.946	2.66e4	2.78e6	0.953	-4.7	0.956	bb
3	201125K1_3	2.50	1.05	NO	30.83	0.946	7.13e4	3.12e6	2.28	-8.8	0.915	MM
4	201125K1_4	50.0	1.06	NO	30.84	0.946	1.57e6	2.75e6	56.7	13.5	1.14	db
5	201125K1_5	400	1.05	NO	30.84	0.946	1.14e7	2.98e6	380	-5.0	0.954	db
6	201125K1_6	1000	1.06	NO	30.86	0.946	2.91e7	3.04e6	955	-4.5	0.958	MM

Compound name: PCB-38

Response Factor: 1.04993

RRF SD: 0.0913836, Relative SD: 8.70375

Response type: Internal Std (Ref 177), 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	201125K1_1	0.250	0.95	NO	31.65	0.970	7.04e3	2.52e6	0.266	6.4	1.12	MM
2	201125K1_2	1.00	1.02	NO	31.63	0.970	2.71e4	2.78e6	0.930	-7.0	0.977	bd
3	201125K1_3	2.50	1.07	NO	31.63	0.970	7.38e4	3.12e6	2.26	-9.7	0.948	dd
4	201125K1_4	50.0	1.06	NO	31.63	0.970	1.63e6	2.75e6	56.6	13.2	1.19	dd
5	201125K1_5	400	1.07	NO	31.63	0.970	1.27e7	2.98e6	405	1.2	1.06	dd
6	201125K1_6	1000	1.06	NO	31.65	0.970	3.06e7	3.04e6	958	-4.2	1.01	dd

Compound name: PCB-35

Response Factor: 1.04641

RRF SD: 0.0938332, Relative SD: 8.96714

Response type: Internal Std (Ref 177), 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	201125K1_1	0.250	0.95	NO	32.19	0.987	6.40e3	2.52e6	0.243	-2.9	1.02	bb
2	201125K1_2	1.00	1.06	NO	32.17	0.987	2.74e4	2.78e6	0.941	-5.9	0.985	MM

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Compound name: PCB-35

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.07	NO	32.17	0.987	7.37e4	3.12e6	2.26	-9.6	0.946	dd
4	201125K1_4	50.0	1.07	NO	32.17	0.987	1.67e6	2.75e6	58.1	16.3	1.22	dd
5	201125K1_5	400	1.07	NO	32.17	0.987	1.27e7	2.98e6	407	1.7	1.06	dd
6	201125K1_6	1000	1.07	NO	32.19	0.987	3.20e7	3.04e6	1000	0.5	1.05	dd

Compound name: PCB-37

Response Factor: 1.02784

RRF SD: 0.0674641, Relative SD: 6.56366

Response type: Internal Std (Ref 177), 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	201125K1_1	0.250	0.97	NO	32.63	1.001	6.86e3	2.52e6	0.265	5.9	1.09	MM
2	201125K1_2	1.00	1.04	NO	32.61	1.001	2.73e4	2.78e6	0.955	-4.5	0.981	MM
3	201125K1_3	2.50	1.10	NO	32.61	1.001	7.41e4	3.12e6	2.31	-7.5	0.951	MM
4	201125K1_4	50.0	1.07	NO	32.61	1.001	1.55e6	2.75e6	54.8	9.7	1.13	MM
5	201125K1_5	400	1.05	NO	32.61	1.001	1.22e7	2.98e6	399	-0.3	1.02	MM
6	201125K1_6	1000	1.05	NO	32.63	1.001	3.02e7	3.04e6	967	-3.3	0.994	MM

Compound name: PCB-54

Response Factor: 0.974277

RRF SD: 0.0842907, Relative SD: 8.65161

Response type: Internal Std (Ref 178), 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	201125K1_1	0.250	0.85	NO	27.48	1.001	4.49e3	1.95e6	0.237	-5.4	0.922	MM
2	201125K1_2	1.00	0.76	NO	27.48	1.001	2.00e4	2.18e6	0.940	-6.0	0.916	bb
3	201125K1_3	2.50	0.81	NO	27.48	1.001	5.48e4	2.44e6	2.31	-7.7	0.900	bb
4	201125K1_4	50.0	0.79	NO	27.48	1.001	1.22e6	2.18e6	57.6	15.2	1.12	bb
5	201125K1_5	400	0.77	NO	27.48	1.001	9.36e6	2.30e6	418	4.5	1.02	bb
6	201125K1_6	1000	0.77	NO	27.50	1.001	2.24e7	2.31e6	994	-0.6	0.968	bb

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Compound name: PCB-50
 Response Factor: 0.802752
 RRF SD: 0.0636496, Relative SD: 7.92893
 Response type: Internal Std (Ref 178), 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	201125K1_1	0.250	0.71	NO	28.69	1.045	4.05e3	1.95e6	0.259	3.6	0.831	MM
2	201125K1_2	1.00	0.78	NO	28.69	1.045	1.61e4	2.18e6	0.918	-8.2	0.737	bb
3	201125K1_3	2.50	0.77	NO	28.69	1.045	4.44e4	2.44e6	2.27	-9.2	0.729	bb
4	201125K1_4	50.0	0.80	NO	28.69	1.045	9.76e5	2.18e6	55.9	11.8	0.897	bb
5	201125K1_5	400	0.77	NO	28.69	1.045	7.62e6	2.30e6	413	3.2	0.829	bb
6	201125K1_6	1000	0.77	NO	28.70	1.045	1.83e7	2.31e6	988	-1.2	0.793	bb

Compound name: PCB-53
 Response Factor: 0.93894
 RRF SD: 0.0903246, Relative SD: 9.61985
 Response type: Internal Std (Ref 179), 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	201125K1_1	0.250	0.85	NO	29.36	0.944	4.07e3	1.56e6	0.278	11.2	1.04	MM
2	201125K1_2	1.00	0.82	NO	29.34	0.943	1.48e4	1.74e6	0.907	-9.3	0.852	MM
3	201125K1_3	2.50	0.78	NO	29.34	0.943	4.17e4	1.97e6	2.26	-9.6	0.849	bb
4	201125K1_4	50.0	0.78	NO	29.34	0.943	9.16e5	1.75e6	55.6	11.3	1.04	bb
5	201125K1_5	400	0.80	NO	29.34	0.943	6.96e6	1.82e6	407	1.8	0.955	bb
6	201125K1_6	1000	0.79	NO	29.36	0.943	1.65e7	1.86e6	947	-5.3	0.889	bb

Compound name: PCB-51
 Response Factor: 0.999549
 RRF SD: 0.0848786, Relative SD: 8.49169
 Response type: Internal Std (Ref 179), 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	201125K1_1	0.250	0.75	NO	29.69	0.955	4.20e3	1.56e6	0.269	7.6	1.08	MM
2	201125K1_2	1.00	0.78	NO	29.69	0.955	1.62e4	1.74e6	0.928	-7.2	0.928	MM

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Compound name: PCB-51

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.77	NO	29.69	0.955	4.36e4	1.97e6	2.22	-11.4	0.886	bb
4	201125K1_4	50.0	0.78	NO	29.69	0.955	9.69e5	1.75e6	55.3	10.5	1.10	bb
5	201125K1_5	400	0.78	NO	29.69	0.955	7.47e6	1.82e6	410	2.5	1.02	bb
6	201125K1_6	1000	0.78	NO	29.71	0.955	1.82e7	1.86e6	978	-2.2	0.978	bb

Compound name: PCB-45

Response Factor: 0.802487

RRF SD: 0.0695256, Relative SD: 8.66376

Response type: Internal Std (Ref 179), 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	201125K1_1	0.250	0.81	NO	30.14	0.969	3.46e3	1.56e6	0.276	10.6	0.887	MM
2	201125K1_2	1.00	0.75	NO	30.14	0.969	1.29e4	1.74e6	0.921	-7.9	0.739	bb
3	201125K1_3	2.50	0.81	NO	30.14	0.969	3.61e4	1.97e6	2.28	-8.6	0.733	bb
4	201125K1_4	50.0	0.77	NO	30.14	0.969	7.69e5	1.75e6	54.7	9.3	0.877	bb
5	201125K1_5	400	0.76	NO	30.14	0.969	5.99e6	1.82e6	410	2.4	0.822	bb
6	201125K1_6	1000	0.79	NO	30.16	0.969	1.40e7	1.86e6	941	-5.9	0.756	bb

Compound name: PCB-46

Response Factor: 0.770392

RRF SD: 0.0738096, Relative SD: 9.58079

Response type: Internal Std (Ref 179), 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	201125K1_1	0.250	0.78	NO	30.64	0.985	3.31e3	1.56e6	0.275	10.1	0.848	MM
2	201125K1_2	1.00	0.75	NO	30.64	0.985	1.27e4	1.74e6	0.946	-5.4	0.729	MM
3	201125K1_3	2.50	0.78	NO	30.64	0.985	3.29e4	1.97e6	2.17	-13.2	0.669	bb
4	201125K1_4	50.0	0.78	NO	30.64	0.985	7.53e5	1.75e6	55.7	11.4	0.858	bb
5	201125K1_5	400	0.78	NO	30.64	0.985	5.70e6	1.82e6	406	1.6	0.783	bb
6	201125K1_6	1000	0.77	NO	30.66	0.985	1.37e7	1.86e6	955	-4.5	0.735	bb

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Compound name: PCB-52/69

Response Factor: 1.08217
 RRF SD: 0.0751398, Relative SD: 6.94345
 Response type: Internal Std (Ref 179), 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	201125K1_1	0.500	0.82	NO	31.14	1.001	8.74e3	1.56e6	0.517	3.5	1.12	MM
2	201125K1_2	2.00	0.77	NO	31.14	1.001	3.59e4	1.74e6	1.90	-4.8	1.03	bd
3	201125K1_3	5.00	0.77	NO	31.14	1.001	9.65e4	1.97e6	4.53	-9.4	0.981	MM
4	201125K1_4	100	0.78	NO	31.14	1.001	2.10e6	1.75e6	110	10.4	1.19	bd
5	201125K1_5	800	0.77	NO	31.14	1.001	1.62e7	1.82e6	820	2.5	1.11	bd
6	201125K1_6	2000	0.78	NO	31.16	1.001	3.93e7	1.86e6	1960	-2.2	1.06	bd

Compound name: PCB-73

Response Factor: 1.30624
 RRF SD: 0.124391, Relative SD: 9.52281
 Response type: Internal Std (Ref 179), 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	201125K1_1	0.250	0.78	NO	31.25	1.005	4.63e3	1.56e6	0.227	-9.2	1.19	dd
2	201125K1_2	1.00	0.76	NO	31.25	1.005	2.17e4	1.74e6	0.953	-4.7	1.25	dd
3	201125K1_3	2.50	0.80	NO	31.25	1.005	5.88e4	1.97e6	2.29	-8.5	1.20	MM
4	201125K1_4	50.0	0.80	NO	31.25	1.005	1.31e6	1.75e6	57.2	14.4	1.49	dd
5	201125K1_5	400	0.79	NO	31.25	1.005	1.03e7	1.82e6	433	8.2	1.41	dd
6	201125K1_6	1000	0.79	NO	31.27	1.005	2.42e7	1.86e6	998	-0.2	1.30	dd

Compound name: PCB-43/49

Response Factor: 0.92501
 RRF SD: 0.0735753, Relative SD: 7.954
 Response type: Internal Std (Ref 179), 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	201125K1_1	0.500	0.76	NO	31.44	1.011	6.95e3	1.56e6	0.482	-3.7	0.891	MM
2	201125K1_2	2.00	0.74	NO	31.42	1.010	3.02e4	1.74e6	1.87	-6.3	0.866	db

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Compound name: PCB-43/49

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	5.00	0.76	NO	31.42	1.010	8.32e4	1.97e6	4.58	-8.5	0.846	MM
4	201125K1_4	100	0.77	NO	31.42	1.010	1.83e6	1.75e6	113	13.1	1.05	dd
5	201125K1_5	800	0.78	NO	31.42	1.010	1.41e7	1.82e6	835	4.3	0.965	dd
6	201125K1_6	2000	0.78	NO	31.44	1.010	3.47e7	1.86e6	2020	1.1	0.935	dd

Compound name: PCB-47

Response Factor: 0.862534

RRF SD: 0.0683092, Relative SD: 7.9196

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.80	NO	31.65	1.001	3.88e3	1.64e6	0.275	9.9	0.948	dd
2	201125K1_2	1.00	0.80	NO	31.65	1.001	1.50e4	1.86e6	0.935	-6.5	0.807	bd
3	201125K1_3	2.50	0.75	NO	31.65	1.001	4.02e4	2.04e6	2.29	-8.4	0.790	MM
4	201125K1_4	50.0	0.77	NO	31.65	1.001	8.72e5	1.85e6	54.6	9.2	0.942	dd
5	201125K1_5	400	0.78	NO	31.65	1.001	6.71e6	1.94e6	400	0.0	0.863	dd
6	201125K1_6	1000	0.77	NO	31.66	1.001	1.66e7	2.01e6	958	-4.2	0.826	dd

Compound name: PCB-48/75

Response Factor: 1.03767

RRF SD: 0.0827847, Relative SD: 7.97792

Response type: Internal Std (Ref 180), 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	201125K1_1	0.500	0.88	NO	31.76	1.004	8.36e3	1.64e6	0.492	-1.7	1.02	MM
2	201125K1_2	2.00	0.74	NO	31.76	1.005	3.56e4	1.86e6	1.84	-7.8	0.957	db
3	201125K1_3	5.00	0.77	NO	31.76	1.005	9.84e4	2.04e6	4.66	-6.9	0.966	MM
4	201125K1_4	100	0.80	NO	31.76	1.004	2.17e6	1.85e6	113	13.1	1.17	db
5	201125K1_5	800	0.77	NO	31.76	1.004	1.70e7	1.94e6	845	5.6	1.10	db
6	201125K1_6	2000	0.78	NO	31.77	1.004	4.08e7	2.01e6	1950	-2.3	1.01	db

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Compound name: PCB-65

Response Factor: 1.15918

RRF SD: 0.10847, Relative SD: 9.35746

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.85	NO	32.04	1.013	4.44e3	1.64e6	0.234	-6.4	1.09	MM
2	201125K1_2	1.00	0.80	NO	32.04	1.013	1.91e4	1.86e6	0.888	-11.2	1.03	bd
3	201125K1_3	2.50	0.79	NO	32.04	1.013	5.79e4	2.04e6	2.45	-1.9	1.14	bd
4	201125K1_4	50.0	0.77	NO	32.04	1.013	1.24e6	1.85e6	57.6	15.2	1.34	bd
5	201125K1_5	400	0.78	NO	32.04	1.013	9.55e6	1.94e6	424	5.9	1.23	bd
6	201125K1_6	1000	0.78	NO	32.06	1.013	2.30e7	2.01e6	984	-1.6	1.14	bd

Compound name: PCB-62

Response Factor: 1.03709

RRF SD: 0.0647308, Relative SD: 6.24158

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.72	NO	32.15	1.016	4.29e3	1.64e6	0.252	0.9	1.05	dd
2	201125K1_2	1.00	0.84	NO	32.13	1.016	1.90e4	1.86e6	0.988	-1.2	1.02	dd
3	201125K1_3	2.50	0.80	NO	32.13	1.016	4.78e4	2.04e6	2.26	-9.5	0.939	dd
4	201125K1_4	50.0	0.79	NO	32.13	1.016	1.05e6	1.85e6	54.8	9.6	1.14	dd
5	201125K1_5	400	0.79	NO	32.13	1.016	8.25e6	1.94e6	409	2.3	1.06	dd
6	201125K1_6	1000	0.80	NO	32.15	1.016	2.04e7	2.01e6	979	-2.1	1.02	dd

Compound name: PCB-44

Response Factor: 0.757467

RRF SD: 0.0587482, Relative SD: 7.75587

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.85	NO	32.46	1.026	2.95e3	1.64e6	0.237	-5.0	0.720	db
2	201125K1_2	1.00	0.70	NO	32.44	1.026	1.34e4	1.86e6	0.950	-5.0	0.719	db

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Compound name: PCB-44

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.76	NO	32.46	1.027	3.65e4	2.04e6	2.37	-5.2	0.718	dd
4	201125K1_4	50.0	0.79	NO	32.46	1.026	7.99e5	1.85e6	56.9	13.9	0.862	db
5	201125K1_5	400	0.77	NO	32.46	1.026	6.16e6	1.94e6	418	4.6	0.792	dd
6	201125K1_6	1000	0.78	NO	32.48	1.026	1.48e7	2.01e6	968	-3.2	0.734	db

Compound name: PCB-42/59

Response Factor: 0.974528

RRF SD: 0.0727972, Relative SD: 7.47

Response type: Internal Std (Ref 180), 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	201125K1_1	0.500	0.87	NO	32.69	1.033	8.24e3	1.64e6	0.516	3.2	1.01	MM
2	201125K1_2	2.00	0.84	NO	32.69	1.034	3.33e4	1.86e6	1.84	-8.1	0.895	bb
3	201125K1_3	5.00	0.80	NO	32.69	1.034	9.12e4	2.04e6	4.59	-8.1	0.895	db
4	201125K1_4	100	0.79	NO	32.69	1.033	2.01e6	1.85e6	111	11.0	1.08	bb
5	201125K1_5	800	0.79	NO	32.69	1.033	1.57e7	1.94e6	828	3.5	1.01	db
6	201125K1_6	2000	0.78	NO	32.71	1.033	3.86e7	2.01e6	1970	-1.6	0.959	bb

Compound name: PCB-41/64/71/72

Response Factor: 1.11589

RRF SD: 0.0820734, Relative SD: 7.35496

Response type: Internal Std (Ref 180), 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	201125K1_1	1.00	0.73	NO	33.30	1.053	1.80e4	1.64e6	0.982	-1.8	1.10	MM
2	201125K1_2	4.00	0.78	NO	33.30	1.054	7.61e4	1.86e6	3.67	-8.2	1.02	bb
3	201125K1_3	10.0	0.77	NO	33.28	1.053	2.11e5	2.04e6	9.30	-7.0	1.04	bb
4	201125K1_4	200	0.78	NO	33.30	1.053	4.61e6	1.85e6	223	11.6	1.24	bd
5	201125K1_5	1600	0.78	NO	33.30	1.053	3.61e7	1.94e6	1660	3.9	1.16	bd
6	201125K1_6	4000	0.78	NO	33.32	1.053	9.11e7	2.01e6	4060	1.4	1.13	bd

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Compound name: PCB-68

Response Factor: 1.18895

RRF SD: 0.0928011, Relative SD: 7.8053

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.70	NO	33.58	1.062	5.12e3	1.64e6	0.263	5.1	1.25	MM
2	201125K1_2	1.00	0.78	NO	33.56	1.062	2.02e4	1.86e6	0.912	-8.8	1.08	bd
3	201125K1_3	2.50	0.78	NO	33.56	1.062	5.60e4	2.04e6	2.31	-7.4	1.10	bd
4	201125K1_4	50.0	0.78	NO	33.56	1.061	1.23e6	1.85e6	55.7	11.4	1.32	dd
5	201125K1_5	400	0.78	NO	33.56	1.061	9.49e6	1.94e6	411	2.7	1.22	dd
6	201125K1_6	1000	0.78	NO	33.58	1.061	2.32e7	2.01e6	970	-3.0	1.15	dd

Compound name: PCB-40

Response Factor: 0.572307

RRF SD: 0.0447579, Relative SD: 7.82062

Response type: Internal Std (Ref 180), 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	201125K1_1	0.250	0.71	NO	33.78	1.068	2.34e3	1.64e6	0.250	-0.2	0.571	MM
2	201125K1_2	1.00	0.82	NO	33.78	1.069	9.83e3	1.86e6	0.924	-7.6	0.529	db
3	201125K1_3	2.50	0.77	NO	33.78	1.069	2.76e4	2.04e6	2.37	-5.2	0.542	db
4	201125K1_4	50.0	0.79	NO	33.78	1.068	6.01e5	1.85e6	56.7	13.4	0.649	db
5	201125K1_5	400	0.78	NO	33.78	1.068	4.65e6	1.94e6	418	4.4	0.597	db
6	201125K1_6	1000	0.78	NO	33.80	1.068	1.10e7	2.01e6	952	-4.8	0.545	db

Compound name: PCB-57

Response Factor: 1.07671

RRF SD: 0.0807466, Relative SD: 7.49937

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
1	201125K1_1	0.250	0.74	NO	34.16	0.969	5.32e3	1.92e6	0.257	2.9	1.11	MM
2	201125K1_2	1.00	0.73	NO	34.16	0.969	2.21e4	2.14e6	0.957	-4.3	1.03	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-57

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.79	NO	34.16	0.969	5.93e4	2.43e6	2.27	-9.2	0.977	bb
4	201125K1_4	50.0	0.77	NO	34.16	0.969	1.30e6	2.17e6	55.7	11.5	1.20	bb
5	201125K1_5	400	0.77	NO	34.16	0.969	1.03e7	2.30e6	415	3.8	1.12	bb
6	201125K1_6	1000	0.77	NO	34.18	0.969	2.48e7	2.41e6	954	-4.6	1.03	bb

Compound name: PCB-67

Response Factor: 1.01626

RRF SD: 0.100941, Relative SD: 9.93264

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
1	201125K1_1	0.250	0.71	NO	34.49	0.978	5.42e3	1.92e6	0.278	11.1	1.13	MM
2	201125K1_2	1.00	0.73	NO	34.47	0.978	2.03e4	2.14e6	0.932	-6.8	0.947	bd
3	201125K1_3	2.50	0.78	NO	34.47	0.978	5.39e4	2.43e6	2.18	-12.6	0.888	bd
4	201125K1_4	50.0	0.77	NO	34.47	0.978	1.23e6	2.17e6	55.7	11.3	1.13	bd
5	201125K1_5	400	0.77	NO	34.47	0.978	9.56e6	2.30e6	410	2.4	1.04	bd
6	201125K1_6	1000	0.77	NO	34.49	0.978	2.32e7	2.41e6	946	-5.4	0.962	bd

Compound name: PCB-58

Response Factor: 1.08194

RRF SD: 0.0888466, Relative SD: 8.21182

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
1	201125K1_1	0.250	0.69	NO	34.60	0.982	5.19e3	1.92e6	0.250	0.1	1.08	MM
2	201125K1_2	1.00	0.75	NO	34.58	0.982	2.18e4	2.14e6	0.940	-6.0	1.02	dd
3	201125K1_3	2.50	0.77	NO	34.58	0.982	5.94e4	2.43e6	2.26	-9.6	0.978	dd
4	201125K1_4	50.0	0.78	NO	34.58	0.982	1.34e6	2.17e6	56.9	13.8	1.23	dd
5	201125K1_5	400	0.79	NO	34.58	0.981	1.03e7	2.30e6	415	3.7	1.12	dd
6	201125K1_6	1000	0.78	NO	34.60	0.982	2.56e7	2.41e6	980	-2.0	1.06	dd

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-63

Response Factor: 0.970856

RRF SD: 0.0885327, Relative SD: 9.11904

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
1 201125K1_1	0.250	0.76	NO	34.75	0.986	4.87e3	1.92e6	0.261	4.6	1.02	db
2 201125K1_2	1.00	0.75	NO	34.75	0.986	1.98e4	2.14e6	0.950	-5.0	0.922	db
3 201125K1_3	2.50	0.79	NO	34.75	0.986	5.20e4	2.43e6	2.21	-11.7	0.857	db
4 201125K1_4	50.0	0.76	NO	34.75	0.986	1.20e6	2.17e6	57.0	14.1	1.11	db
5 201125K1_5	400	0.78	NO	34.75	0.986	9.20e6	2.30e6	412	3.1	1.00	db
6 201125K1_6	1000	0.78	NO	34.77	0.986	2.23e7	2.41e6	950	-5.0	0.922	db

Compound name: PCB-74

Response Factor: 1.08748

RRF SD: 0.0961944, Relative SD: 8.84564

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
1 201125K1_1	0.250	0.85	NO	35.05	0.994	5.11e3	1.92e6	0.245	-2.0	1.07	MM
2 201125K1_2	1.00	0.81	NO	35.05	0.995	2.18e4	2.14e6	0.935	-6.5	1.02	bd
3 201125K1_3	2.50	0.78	NO	35.05	0.995	5.97e4	2.43e6	2.26	-9.5	0.984	bd
4 201125K1_4	50.0	0.77	NO	35.05	0.995	1.36e6	2.17e6	57.6	15.3	1.25	bd
5 201125K1_5	400	0.78	NO	35.05	0.994	1.04e7	2.30e6	417	4.3	1.13	bd
6 201125K1_6	1000	0.78	NO	35.07	0.995	2.58e7	2.41e6	985	-1.5	1.07	bd

Compound name: PCB-61/70

Response Factor: 0.978165

RRF SD: 0.0892127, Relative SD: 9.12042

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
1 201125K1_1	0.500	0.69	NO	35.20	0.998	9.93e3	1.92e6	0.529	5.8	1.04	MM
2 201125K1_2	2.00	0.75	NO	35.18	0.998	3.94e4	2.14e6	1.88	-6.1	0.918	MM

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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
3	201125K1_3	5.00	0.81	NO	35.27	1.001	1.05e5	2.43e6	4.44	-11.2	0.869	MM
4	201125K1_4	100	0.77	NO	35.18	0.998	2.42e6	2.17e6	114	13.8	1.11	MM
5	201125K1_5	800	0.78	NO	35.18	0.998	1.84e7	2.30e6	820	2.5	1.00	MM
6	201125K1_6	2000	0.78	NO	35.20	0.998	4.49e7	2.41e6	1900	-4.8	0.931	MM

Compound name: PCB-76/66

Response Factor: 1.0712
 RRF SD: 0.0824387, Relative SD: 7.69588
 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
1	201125K1_1	0.500	0.75	NO	35.44	1.005	1.05e4	1.92e6	0.510	2.0	1.09	MM
2	201125K1_2	2.00	0.76	NO	35.46	1.006	4.30e4	2.14e6	1.87	-6.4	1.00	MM
3	201125K1_3	5.00	0.77	NO	35.44	1.006	1.17e5	2.43e6	4.50	-9.9	0.965	dd
4	201125K1_4	100	0.77	NO	35.46	1.006	2.60e6	2.17e6	112	11.6	1.20	MM
5	201125K1_5	800	0.77	NO	35.46	1.006	2.05e7	2.30e6	832	4.0	1.11	MM
6	201125K1_6	2000	0.77	NO	35.48	1.006	5.10e7	2.41e6	1970	-1.3	1.06	MM

Compound name: PCB-80

Response Factor: 1.07762
 RRF SD: 0.0838862, Relative SD: 7.78439
 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
1	201125K1_1	0.250	0.82	NO	35.70	1.000	5.30e3	1.97e6	0.249	-0.3	1.07	MM
2	201125K1_2	1.00	0.76	NO	35.70	1.000	2.20e4	2.19e6	0.932	-6.8	1.00	MM
3	201125K1_3	2.50	0.80	NO	35.70	1.000	6.10e4	2.43e6	2.33	-7.0	1.00	MM
4	201125K1_4	50.0	0.78	NO	35.70	1.000	1.38e6	2.26e6	56.9	13.8	1.23	db
5	201125K1_5	400	0.78	NO	35.70	1.000	1.07e7	2.42e6	412	3.1	1.11	db
6	201125K1_6	1000	0.80	NO	35.72	1.000	2.67e7	2.55e6	972	-2.8	1.05	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-55

Response Factor: 1.06473

RRF SD: 0.0834193, Relative SD: 7.83478

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
1	201125K1_1	0.250	0.82	NO	36.04	1.010	5.28e3	1.97e6	0.251	0.4	1.07	MM
2	201125K1_2	1.00	0.79	NO	36.04	1.010	2.16e4	2.19e6	0.924	-7.6	0.984	MM
3	201125K1_3	2.50	0.80	NO	36.02	1.009	5.92e4	2.43e6	2.29	-8.6	0.973	MM
4	201125K1_4	50.0	0.78	NO	36.04	1.010	1.36e6	2.26e6	56.5	13.1	1.20	MM
5	201125K1_5	400	0.78	NO	36.04	1.010	1.04e7	2.42e6	405	1.3	1.08	MM
6	201125K1_6	1000	0.78	NO	36.06	1.010	2.76e7	2.55e6	1010	1.4	1.08	MM

Compound name: PCB-56/60

Response Factor: 0.945707

RRF SD: 0.0684457, Relative SD: 7.23752

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
1	201125K1_1	0.500	0.75	NO	36.54	1.024	9.76e3	1.97e6	0.523	4.5	0.989	bb
2	201125K1_2	2.00	0.76	NO	36.54	1.024	3.91e4	2.19e6	1.88	-5.9	0.890	bb
3	201125K1_3	5.00	0.76	NO	36.54	1.024	1.07e5	2.43e6	4.64	-7.2	0.878	bd
4	201125K1_4	100	0.78	NO	36.54	1.024	2.38e6	2.26e6	111	11.3	1.05	bb
5	201125K1_5	800	0.78	NO	36.54	1.024	1.87e7	2.42e6	817	2.1	0.966	bb
6	201125K1_6	2000	0.80	NO	36.56	1.024	4.60e7	2.55e6	1900	-4.8	0.900	bb

Compound name: PCB-79

Response Factor: 1.05897

RRF SD: 0.0801989, Relative SD: 7.57328

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
1	201125K1_1	0.250	0.79	NO	37.66	1.055	5.52e3	1.97e6	0.264	5.7	1.12	MM
2	201125K1_2	1.00	0.79	NO	37.64	1.055	2.18e4	2.19e6	0.939	-6.1	0.994	MM

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Compound name: PCB-79

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.78	NO	37.64	1.055	5.81e4	2.43e6	2.26	-9.8	0.955	bb
4	201125K1_4	50.0	0.78	NO	37.64	1.055	1.32e6	2.26e6	55.2	10.3	1.17	bb
5	201125K1_5	400	0.78	NO	37.64	1.055	1.05e7	2.42e6	410	2.6	1.09	bb
6	201125K1_6	1000	0.79	NO	37.66	1.055	2.63e7	2.55e6	973	-2.7	1.03	bb

Compound name: PCB-78

Response Factor: 1.00588

RRF SD: 0.0890395, Relative SD: 8.85189

Response type: Internal Std (Ref 183), 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	201125K1_1	0.250	0.85	NO	38.36	0.987	4.66e3	1.93e6	0.240	-3.9	0.967	MM
2	201125K1_2	1.00	0.80	NO	38.36	0.987	2.02e4	2.18e6	0.921	-7.9	0.926	MM
3	201125K1_3	2.50	0.74	NO	38.36	0.987	5.55e4	2.37e6	2.33	-7.0	0.936	MM
4	201125K1_4	50.0	0.77	NO	38.36	0.987	1.25e6	2.18e6	57.0	14.0	1.15	MM
5	201125K1_5	400	0.77	NO	38.36	0.987	1.01e7	2.34e6	431	7.7	1.08	MM
6	201125K1_6	1000	0.79	NO	38.38	0.987	2.51e7	2.57e6	970	-3.0	0.976	MM

Compound name: PCB-81

Response Factor: 0.94055

RRF SD: 0.0858476, Relative SD: 9.12738

Response type: Internal Std (Ref 183), 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	201125K1_1	0.250	0.70	NO	38.90	1.000	4.88e3	1.93e6	0.269	7.7	1.01	MM
2	201125K1_2	1.00	0.76	NO	38.90	1.000	1.88e4	2.18e6	0.918	-8.2	0.863	MM
3	201125K1_3	2.50	0.81	NO	38.90	1.000	5.02e4	2.37e6	2.25	-10.1	0.846	MM
4	201125K1_4	50.0	0.77	NO	38.90	1.000	1.15e6	2.18e6	56.1	12.3	1.06	MM
5	201125K1_5	400	0.79	NO	38.90	1.000	9.09e6	2.34e6	413	3.3	0.972	MM
6	201125K1_6	1000	0.77	NO	38.92	1.000	2.30e7	2.57e6	949	-5.1	0.893	MM

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Compound name: PCB-77

Response Factor: 1.02971

RRF SD: 0.0894494, Relative SD: 8.68688

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
1	201125K1_1	0.250	0.81	NO	39.52	1.000	5.10e3	1.87e6	0.265	5.8	1.09	MM
2	201125K1_2	1.00	0.74	NO	39.52	1.000	1.97e4	2.12e6	0.902	-9.8	0.929	MM
3	201125K1_3	2.50	0.81	NO	39.52	1.000	5.54e4	2.33e6	2.31	-7.4	0.953	MM
4	201125K1_4	50.0	0.78	NO	39.52	1.000	1.21e6	2.09e6	56.3	12.7	1.16	MM
5	201125K1_5	400	0.79	NO	39.52	1.000	1.00e7	2.36e6	413	3.3	1.06	MM
6	201125K1_6	1000	0.79	NO	39.53	1.000	2.53e7	2.58e6	954	-4.6	0.983	MM

Compound name: PCB-104

Response Factor: 0.981656

RRF SD: 0.0861108, Relative SD: 8.772

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
1	201125K1_1	0.250	1.60	NO	32.31	1.001	4.14e3	1.54e6	0.273	9.2	1.07	MM
2	201125K1_2	1.00	1.52	NO	32.31	1.001	1.62e4	1.79e6	0.922	-7.8	0.905	bd
3	201125K1_3	2.50	1.50	NO	32.31	1.001	4.34e4	1.98e6	2.23	-10.7	0.877	bb
4	201125K1_4	50.0	1.60	NO	32.31	1.001	9.78e5	1.80e6	55.2	10.5	1.08	bb
5	201125K1_5	400	1.55	NO	32.31	1.001	7.50e6	1.87e6	409	2.2	1.00	bb
6	201125K1_6	1000	1.57	NO	32.33	1.001	1.79e7	1.89e6	966	-3.4	0.948	bb

Compound name: PCB-96

Response Factor: 0.982431

RRF SD: 0.0844096, Relative SD: 8.59191

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
1	201125K1_1	0.250	1.59	NO	33.62	1.041	3.98e3	1.54e6	0.262	5.0	1.03	MM
2	201125K1_2	1.00	1.60	NO	33.62	1.041	1.60e4	1.79e6	0.914	-8.6	0.898	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
3	201125K1_3	2.50	1.55	NO	33.60	1.041	4.38e4	1.98e6	2.25	-9.9	0.885	bb
4	201125K1_4	50.0	1.57	NO	33.62	1.041	9.84e5	1.80e6	55.5	11.1	1.09	bb
5	201125K1_5	400	1.59	NO	33.62	1.041	7.78e6	1.87e6	424	6.0	1.04	bb
6	201125K1_6	1000	1.57	NO	33.62	1.040	1.79e7	1.89e6	965	-3.5	0.948	bb

Compound name: PCB-103

Response Factor: 0.769563
 RRF SD: 0.0649093, Relative SD: 8.43457
 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
1	201125K1_1	0.250	1.65	NO	34.18	1.058	2.90e3	1.54e6	0.244	-2.3	0.752	db
2	201125K1_2	1.00	1.41	NO	34.18	1.058	1.27e4	1.79e6	0.923	-7.7	0.711	MM
3	201125K1_3	2.50	1.54	NO	34.18	1.059	3.44e4	1.98e6	2.26	-9.5	0.696	bb
4	201125K1_4	50.0	1.56	NO	34.18	1.058	7.78e5	1.80e6	56.1	12.2	0.863	bb
5	201125K1_5	400	1.58	NO	34.18	1.058	6.17e6	1.87e6	429	7.2	0.825	bb
6	201125K1_6	1000	1.59	NO	34.19	1.058	1.45e7	1.89e6	1000	0.1	0.770	bb

Compound name: PCB-100

Response Factor: 0.804703
 RRF SD: 0.0579279, Relative SD: 7.19867
 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
1	201125K1_1	0.250	1.55	NO	34.55	1.070	3.21e3	1.54e6	0.258	3.4	0.832	MM
2	201125K1_2	1.00	1.55	NO	34.53	1.069	1.35e4	1.79e6	0.939	-6.1	0.756	MM
3	201125K1_3	2.50	1.57	NO	34.53	1.070	3.56e4	1.98e6	2.24	-10.5	0.720	bb
4	201125K1_4	50.0	1.59	NO	34.53	1.069	7.93e5	1.80e6	54.7	9.4	0.880	bb
5	201125K1_5	400	1.59	NO	34.53	1.069	6.23e6	1.87e6	415	3.6	0.834	bb
6	201125K1_6	1000	1.58	NO	34.55	1.069	1.52e7	1.89e6	1000	0.2	0.806	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-94

Response Factor: 0.830636

RRF SD: 0.0720654, Relative SD: 8.67592

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	201125K1_1	0.250	1.40	NO	35.03	0.985	2.67e3	1.18e6	0.272	8.7	0.903	MM
2	201125K1_2	1.00	1.68	NO	35.03	0.985	9.99e3	1.35e6	0.888	-11.2	0.738	MM
3	201125K1_3	2.50	1.54	NO	35.03	0.985	2.95e4	1.50e6	2.37	-5.0	0.789	bb
4	201125K1_4	50.0	1.58	NO	35.03	0.985	6.40e5	1.39e6	55.6	11.3	0.924	bb
5	201125K1_5	400	1.55	NO	35.03	0.985	5.01e6	1.49e6	405	1.1	0.840	bb
6	201125K1_6	1000	1.57	NO	35.05	0.985	1.22e7	1.54e6	952	-4.8	0.791	bb

Compound name: PCB-95/98/102

Response Factor: 1.07078

RRF SD: 0.0804709, Relative SD: 7.51519

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	201125K1_1	0.750	1.50	NO	35.52	0.999	9.93e3	1.18e6	0.783	4.4	1.12	MM
2	201125K1_2	3.00	1.61	NO	35.52	0.999	4.05e4	1.35e6	2.79	-6.8	0.997	bd
3	201125K1_3	7.50	1.64	NO	35.52	0.999	1.10e5	1.50e6	6.86	-8.5	0.980	bd
4	201125K1_4	150	1.57	NO	35.50	0.998	2.49e6	1.39e6	168	11.7	1.20	bd
5	201125K1_5	1200	1.58	NO	35.52	0.999	1.94e7	1.49e6	1220	1.5	1.09	bd
6	201125K1_6	3000	1.58	NO	35.53	0.999	4.85e7	1.54e6	2930	-2.3	1.05	bd

Compound name: PCB-93

Response Factor: 0.761484

RRF SD: 0.103741, Relative SD: 13.6236

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	201125K1_1	0.250	1.71	NO	35.67	1.003	2.72e3	1.18e6	0.302	20.7	0.919	MM
2	201125K1_2	1.00	1.68	NO	35.65	1.003	9.33e3	1.35e6	0.904	-9.6	0.689	dd

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Compound name: PCB-93

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.71	NO	35.65	1.003	2.42e4	1.50e6	2.13	-15.0	0.648	db
4	201125K1_4	50.0	1.56	NO	35.65	1.003	5.86e5	1.39e6	55.5	11.0	0.845	db
5	201125K1_5	400	1.59	NO	35.65	1.003	4.58e6	1.49e6	403	0.9	0.768	db
6	201125K1_6	1000	1.61	NO	35.67	1.003	1.08e7	1.54e6	920	-8.0	0.701	db

Compound name: PCB-88/91

Response Factor: 0.910276
 RRF SD: 0.0986818, Relative SD: 10.8409
 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	201125K1_1	0.500	1.69	NO	35.98	1.012	5.32e3	1.18e6	0.493	-1.4	0.898	MM
2	201125K1_2	2.00	1.54	NO	35.98	1.012	2.46e4	1.35e6	2.00	-0.1	0.909	MM
3	201125K1_3	5.00	1.61	NO	35.98	1.012	5.92e4	1.50e6	4.34	-13.1	0.791	bd
4	201125K1_4	100	1.57	NO	35.98	1.012	1.47e6	1.39e6	117	16.8	1.06	bd
5	201125K1_5	800	1.57	NO	35.98	1.012	1.16e7	1.49e6	855	6.9	0.973	bd
6	201125K1_6	2000	1.57	NO	36.00	1.012	2.56e7	1.54e6	1820	-9.1	0.827	bd

Compound name: PCB-121

Response Factor: 1.46478
 RRF SD: 0.109039, Relative SD: 7.44404
 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	201125K1_1	0.250	1.66	NO	36.09	1.015	4.63e3	1.18e6	0.267	6.8	1.56	MM
2	201125K1_2	1.00	1.62	NO	36.07	1.015	1.74e4	1.35e6	0.876	-12.4	1.28	db
3	201125K1_3	2.50	1.63	NO	36.07	1.015	5.30e4	1.50e6	2.42	-3.2	1.42	db
4	201125K1_4	50.0	1.59	NO	36.07	1.015	1.07e6	1.39e6	52.9	5.8	1.55	db
5	201125K1_5	400	1.61	NO	36.07	1.015	8.53e6	1.49e6	391	-2.2	1.43	db
6	201125K1_6	1000	1.60	NO	36.09	1.015	2.38e7	1.54e6	1050	5.2	1.54	db

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Compound name: PCB-84/92

Response Factor: 0.825802

RRF SD: 0.0835649, Relative SD: 10.1192

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
1	201125K1_1	0.500	1.62	NO	36.93	0.990	5.87e3	1.26e6	0.562	12.5	0.929	MM
2	201125K1_2	2.00	1.54	NO	36.93	0.990	2.16e4	1.46e6	1.79	-10.4	0.740	bd
3	201125K1_3	5.00	1.68	NO	36.93	0.990	5.89e4	1.59e6	4.49	-10.1	0.742	MM
4	201125K1_4	100	1.59	NO	36.93	0.990	1.33e6	1.46e6	111	10.7	0.914	bd
5	201125K1_5	800	1.56	NO	36.93	0.990	1.08e7	1.59e6	819	2.4	0.846	bd
6	201125K1_6	2000	1.61	NO	36.95	0.990	2.64e7	1.69e6	1900	-5.0	0.784	bd

Compound name: PCB-89

Response Factor: 0.885177

RRF SD: 0.0835355, Relative SD: 9.43716

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
1	201125K1_1	0.250	1.46	NO	37.12	0.995	2.96e3	1.26e6	0.264	5.8	0.936	MM
2	201125K1_2	1.00	1.60	NO	37.12	0.995	1.19e4	1.46e6	0.921	-7.9	0.816	dd
3	201125K1_3	2.50	1.62	NO	37.12	0.995	3.20e4	1.59e6	2.28	-8.8	0.807	MM
4	201125K1_4	50.0	1.57	NO	37.12	0.995	7.42e5	1.46e6	57.5	15.0	1.02	dd
5	201125K1_5	400	1.57	NO	37.12	0.995	5.76e6	1.59e6	409	2.2	0.905	dd
6	201125K1_6	1000	1.59	NO	37.13	0.995	1.40e7	1.69e6	936	-6.4	0.829	dd

Compound name: PCB-90/101

Response Factor: 0.904903

RRF SD: 0.0873718, Relative SD: 9.65538

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
1	201125K1_1	0.500	1.66	NO	37.32	1.000	6.41e3	1.26e6	0.560	12.0	1.01	MM
2	201125K1_2	2.00	1.55	NO	37.30	1.000	2.44e4	1.46e6	1.85	-7.7	0.835	db

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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
3	201125K1_3	5.00	1.55	NO	37.30	1.000	6.48e4	1.59e6	4.51	-9.7	0.817	MM
4	201125K1_4	100	1.57	NO	37.32	1.000	1.47e6	1.46e6	111	11.2	1.01	dd
5	201125K1_5	800	1.55	NO	37.30	1.000	1.16e7	1.59e6	805	0.6	0.911	dd
6	201125K1_6	2000	1.56	NO	37.32	1.000	2.85e7	1.69e6	1870	-6.5	0.846	dd

Compound name: PCB-113

Response Factor: 1.25868

RRF SD: 0.123979, Relative SD: 9.8499

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
1	201125K1_1	0.250	1.37	NO	37.56	1.007	4.33e3	1.26e6	0.272	8.7	1.37	MM
2	201125K1_2	1.00	1.62	NO	37.56	1.007	1.64e4	1.46e6	0.895	-10.5	1.13	bd
3	201125K1_3	2.50	1.60	NO	37.56	1.007	4.53e4	1.59e6	2.27	-9.3	1.14	MM
4	201125K1_4	50.0	1.58	NO	37.56	1.007	1.04e6	1.46e6	56.7	13.5	1.43	dd
5	201125K1_5	400	1.57	NO	37.56	1.007	8.22e6	1.59e6	411	2.6	1.29	dd
6	201125K1_6	1000	1.55	NO	37.58	1.007	2.02e7	1.69e6	950	-5.0	1.20	dd

Compound name: PCB-99

Response Factor: 0.993379

RRF SD: 0.103125, Relative SD: 10.3813

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
1	201125K1_1	0.250	1.78	NO	37.67	1.010	3.55e3	1.26e6	0.282	12.9	1.12	MM
2	201125K1_2	1.00	1.61	NO	37.66	1.010	1.35e4	1.46e6	0.932	-6.8	0.926	db
3	201125K1_3	2.50	1.65	NO	37.66	1.010	3.44e4	1.59e6	2.19	-12.6	0.868	MM
4	201125K1_4	50.0	1.61	NO	37.66	1.010	8.05e5	1.46e6	55.6	11.2	1.10	db
5	201125K1_5	400	1.61	NO	37.66	1.010	6.42e6	1.59e6	406	1.6	1.01	db
6	201125K1_6	1000	1.57	NO	37.67	1.010	1.57e7	1.69e6	937	-6.3	0.930	db

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Compound name: PCB-119

Response Factor: 1.53011

RRF SD: 0.140606, Relative SD: 9.18925

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
1	201125K1_1	0.250	1.63	NO	38.14	0.987	4.26e3	1.02e6	0.273	9.1	1.67	MM
2	201125K1_2	1.00	1.73	NO	38.14	0.987	1.65e4	1.20e6	0.904	-9.6	1.38	bd
3	201125K1_3	2.50	1.60	NO	38.14	0.987	4.50e4	1.30e6	2.27	-9.2	1.39	bd
4	201125K1_4	50.0	1.61	NO	38.14	0.987	1.01e6	1.18e6	56.0	11.9	1.71	bd
5	201125K1_5	400	1.56	NO	38.14	0.987	8.15e6	1.31e6	408	1.9	1.56	bd
6	201125K1_6	1000	1.55	NO	38.16	0.987	2.03e7	1.38e6	959	-4.1	1.47	bd

Compound name: PCB-108/112

Response Factor: 1.24559

RRF SD: 0.103199, Relative SD: 8.28514

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
1	201125K1_1	0.500	1.78	NO	38.29	0.991	6.48e3	1.02e6	0.509	1.8	1.27	dd
2	201125K1_2	2.00	1.58	NO	38.29	0.991	2.80e4	1.20e6	1.88	-6.0	1.17	dd
3	201125K1_3	5.00	1.48	NO	38.29	0.991	7.31e4	1.30e6	4.53	-9.4	1.13	dd
4	201125K1_4	100	1.59	NO	38.29	0.991	1.67e6	1.18e6	114	14.4	1.43	dd
5	201125K1_5	800	1.56	NO	38.29	0.991	1.32e7	1.31e6	812	1.4	1.26	dd
6	201125K1_6	2000	1.56	NO	38.31	0.991	3.36e7	1.38e6	1960	-2.2	1.22	dd

Compound name: PCB-83

Response Factor: 1.55726

RRF SD: 0.166748, Relative SD: 10.7078

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
1	201125K1_1	0.250	1.49	NO	38.47	0.996	4.43e3	1.02e6	0.278	11.4	1.73	dd
2	201125K1_2	1.00	1.51	NO	38.46	0.995	1.67e4	1.20e6	0.898	-10.2	1.40	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
3	201125K1_3	2.50	1.52	NO	38.46	0.995	4.52e4	1.30e6	2.24	-10.4	1.39	dd
4	201125K1_4	50.0	1.62	NO	38.46	0.995	1.04e6	1.18e6	56.8	13.6	1.77	dd
5	201125K1_5	400	1.57	NO	38.46	0.995	8.31e6	1.31e6	408	2.1	1.59	dd
6	201125K1_6	1000	1.58	NO	38.47	0.995	2.01e7	1.38e6	935	-6.5	1.46	dd

Compound name: PCB-97

Response Factor: 1.12347

RRF SD: 0.123352, Relative SD: 10.9796

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
1	201125K1_1	0.250	1.66	NO	38.66	1.000	3.34e3	1.02e6	0.291	16.5	1.31	dd
2	201125K1_2	1.00	1.55	NO	38.66	1.000	1.23e4	1.20e6	0.916	-8.4	1.03	dd
3	201125K1_3	2.50	1.62	NO	38.66	1.000	3.24e4	1.30e6	2.22	-11.0	1.00	dd
4	201125K1_4	50.0	1.59	NO	38.66	1.000	7.23e5	1.18e6	54.8	9.5	1.23	dd
5	201125K1_5	400	1.57	NO	38.66	1.000	5.89e6	1.31e6	401	0.2	1.13	dd
6	201125K1_6	1000	1.56	NO	38.68	1.000	1.45e7	1.38e6	931	-6.9	1.05	dd

Compound name: PCB-86

Response Factor: 1.05834

RRF SD: 0.0913786, Relative SD: 8.63415

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
1	201125K1_1	0.250	1.64	NO	38.83	1.005	2.81e3	1.02e6	0.260	4.0	1.10	dd
2	201125K1_2	1.00	1.54	NO	38.81	1.004	1.16e4	1.20e6	0.919	-8.1	0.972	dd
3	201125K1_3	2.50	1.49	NO	38.81	1.004	3.20e4	1.30e6	2.33	-6.8	0.986	dd
4	201125K1_4	50.0	1.57	NO	38.81	1.004	7.12e5	1.18e6	57.3	14.6	1.21	dd
5	201125K1_5	400	1.56	NO	38.83	1.005	5.63e6	1.31e6	407	1.7	1.08	dd
6	201125K1_6	1000	1.57	NO	38.83	1.004	1.38e7	1.38e6	946	-5.4	1.00	dd

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Compound name: PCB-87/117/125

Response Factor: 1.33972

RRF SD: 0.123729, Relative SD: 9.23539

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
1	201125K1_1	0.750	1.60	NO	38.96	1.008	1.07e4	1.02e6	0.785	4.7	1.40	dd
2	201125K1_2	3.00	1.57	NO	38.94	1.008	4.31e4	1.20e6	2.69	-10.4	1.20	dd
3	201125K1_3	7.50	1.59	NO	38.94	1.008	1.17e5	1.30e6	6.75	-10.0	1.21	dd
4	201125K1_4	150	1.58	NO	38.94	1.008	2.67e6	1.18e6	169	12.9	1.51	dd
5	201125K1_5	1200	1.57	NO	38.96	1.008	2.20e7	1.31e6	1260	4.9	1.41	dd
6	201125K1_6	3000	1.56	NO	38.98	1.008	5.43e7	1.38e6	2940	-2.1	1.31	dd

Compound name: PCB-111/115

Response Factor: 1.61625

RRF SD: 0.17346, Relative SD: 10.7322

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
1	201125K1_1	0.500	1.62	NO	39.11	1.012	9.10e3	1.02e6	0.551	10.2	1.78	dd
2	201125K1_2	2.00	1.62	NO	39.11	1.012	3.31e4	1.20e6	1.71	-14.3	1.39	dd
3	201125K1_3	5.00	1.62	NO	39.11	1.012	9.17e4	1.30e6	4.38	-12.4	1.42	MM
4	201125K1_4	100	1.58	NO	39.11	1.012	2.05e6	1.18e6	108	8.0	1.75	MM
5	201125K1_5	800	1.57	NO	39.11	1.012	1.81e7	1.31e6	855	6.8	1.73	dd
6	201125K1_6	2000	1.57	NO	39.13	1.012	4.54e7	1.38e6	2030	1.7	1.64	dd

Compound name: PCB-85/116

Response Factor: 1.23188

RRF SD: 0.114623, Relative SD: 9.3047

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
1	201125K1_1	0.500	1.75	NO	39.24	1.015	6.44e3	1.02e6	0.511	2.3	1.26	MM
2	201125K1_2	2.00	1.57	NO	39.24	1.015	2.81e4	1.20e6	1.91	-4.6	1.18	MM

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Compound name: PCB-85/116

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	5.00	1.59	NO	39.24	1.015	7.53e4	1.30e6	4.72	-5.6	1.16	MM
4	201125K1_4	100	1.60	NO	39.24	1.015	1.70e6	1.18e6	117	17.4	1.45	MM
5	201125K1_5	800	1.59	NO	39.24	1.015	1.27e7	1.31e6	791	-1.1	1.22	dd
6	201125K1_6	2000	1.60	NO	39.26	1.015	3.12e7	1.38e6	1830	-8.4	1.13	dd

Compound name: PCB-120

Response Factor: 1.79221

RRF SD: 0.184681, Relative SD: 10.3047

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
1	201125K1_1	0.250	1.44	NO	39.52	1.023	5.20e3	1.02e6	0.284	13.7	2.04	MM
2	201125K1_2	1.00	1.49	NO	39.50	1.022	1.93e4	1.20e6	0.902	-9.8	1.62	MM
3	201125K1_3	2.50	1.68	NO	39.50	1.022	5.16e4	1.30e6	2.22	-11.1	1.59	dd
4	201125K1_4	50.0	1.54	NO	39.50	1.022	1.16e6	1.18e6	55.2	10.4	1.98	dd
5	201125K1_5	400	1.55	NO	39.50	1.022	9.45e6	1.31e6	403	0.9	1.81	dd
6	201125K1_6	1000	1.58	NO	39.52	1.022	2.38e7	1.38e6	960	-4.0	1.72	dd

Compound name: PCB-110

Response Factor: 1.49925

RRF SD: 0.169698, Relative SD: 11.3189

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
1	201125K1_1	0.250	1.67	NO	39.65	1.026	4.48e3	1.02e6	0.292	16.9	1.75	MM
2	201125K1_2	1.00	1.51	NO	39.63	1.026	1.62e4	1.20e6	0.901	-9.9	1.35	db
3	201125K1_3	2.50	1.60	NO	39.63	1.026	4.37e4	1.30e6	2.25	-10.1	1.35	db
4	201125K1_4	50.0	1.59	NO	39.63	1.026	9.72e5	1.18e6	55.2	10.4	1.66	db
5	201125K1_5	400	1.57	NO	39.63	1.026	7.79e6	1.31e6	398	-0.6	1.49	db
6	201125K1_6	1000	1.58	NO	39.65	1.026	1.93e7	1.38e6	932	-6.8	1.40	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-82

Response Factor: 0.637669

RRF SD: 0.0554609, Relative SD: 8.69744

Response type: Internal Std (Ref 189), 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	201125K1_1	0.250	1.44	NO	40.30	0.976	2.48e3	1.49e6	0.262	4.6	0.667	MM
2	201125K1_2	1.00	1.57	NO	40.28	0.976	9.74e3	1.73e6	0.883	-11.7	0.563	db
3	201125K1_3	2.50	1.56	NO	40.28	0.976	2.78e4	1.81e6	2.41	-3.8	0.614	db
4	201125K1_4	50.0	1.60	NO	40.28	0.976	6.08e5	1.69e6	56.3	12.5	0.718	db
5	201125K1_5	400	1.55	NO	40.28	0.976	4.86e6	1.83e6	416	4.1	0.664	bb
6	201125K1_6	1000	1.59	NO	40.30	0.976	1.19e7	1.98e6	942	-5.8	0.601	db

Compound name: PCB-124

Response Factor: 1.07851

RRF SD: 0.0892914, Relative SD: 8.27915

Response type: Internal Std (Ref 189), 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	201125K1_1	0.250	1.43	NO	41.01	0.993	4.35e3	1.49e6	0.271	8.5	1.17	MM
2	201125K1_2	1.00	1.54	NO	40.99	0.993	1.73e4	1.73e6	0.929	-7.1	1.00	dd
3	201125K1_3	2.50	1.58	NO	40.99	0.993	4.38e4	1.81e6	2.24	-10.3	0.967	bd
4	201125K1_4	50.0	1.56	NO	40.99	0.993	1.00e6	1.69e6	54.8	9.7	1.18	bd
5	201125K1_5	400	1.57	NO	40.99	0.993	8.11e6	1.83e6	411	2.8	1.11	bd
6	201125K1_6	1000	1.56	NO	41.01	0.993	2.06e7	1.98e6	964	-3.6	1.04	bd

Compound name: PCB-107/109

Response Factor: 1.10856

RRF SD: 0.0830058, Relative SD: 7.48769

Response type: Internal Std (Ref 189), 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	201125K1_1	0.500	1.69	NO	41.14	0.996	8.49e3	1.49e6	0.514	2.9	1.14	dd
2	201125K1_2	2.00	1.52	NO	41.14	0.996	3.52e4	1.73e6	1.83	-8.3	1.02	dd

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Compound name: PCB-107/109

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	5.00	1.55	NO	41.14	0.996	9.17e4	1.81e6	4.56	-8.7	1.01	dd
4	201125K1_4	100	1.59	NO	41.14	0.996	2.06e6	1.69e6	110	9.9	1.22	dd
5	201125K1_5	800	1.56	NO	41.14	0.996	1.71e7	1.83e6	842	5.3	1.17	dd
6	201125K1_6	2000	1.58	NO	41.15	0.996	4.33e7	1.98e6	1980	-1.1	1.10	dd

Compound name: PCB-123

Response Factor: 1.00057

RRF SD: 0.0914738, Relative SD: 9.14221

Response type: Internal Std (Ref 189), 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	201125K1_1	0.250	1.54	NO	41.32	1.000	4.14e3	1.49e6	0.278	11.1	1.11	dd
2	201125K1_2	1.00	1.38	NO	41.30	1.000	1.62e4	1.73e6	0.936	-6.4	0.937	dd
3	201125K1_3	2.50	1.53	NO	41.30	1.000	4.06e4	1.81e6	2.24	-10.5	0.895	dd
4	201125K1_4	50.0	1.60	NO	41.32	1.001	9.31e5	1.69e6	55.0	9.9	1.10	dd
5	201125K1_5	400	1.57	NO	41.32	1.001	7.48e6	1.83e6	409	2.2	1.02	dd
6	201125K1_6	1000	1.58	NO	41.34	1.001	1.85e7	1.98e6	937	-6.3	0.937	dd

Compound name: PCB-106/118

Response Factor: 1.02247

RRF SD: 0.078288, Relative SD: 7.65677

Response type: Internal Std (Ref 190), 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	201125K1_1	0.500	1.55	NO	41.54	1.001	7.93e3	1.47e6	0.527	5.5	1.08	MM
2	201125K1_2	2.00	1.69	NO	41.53	1.001	3.37e4	1.72e6	1.91	-4.3	0.979	MM
3	201125K1_3	5.00	1.64	NO	41.53	1.001	8.82e4	1.84e6	4.69	-6.3	0.958	dd
4	201125K1_4	100	1.58	NO	41.53	1.001	1.97e6	1.72e6	112	12.3	1.15	MM
5	201125K1_5	800	1.56	NO	41.53	1.001	1.62e7	1.98e6	802	0.2	1.02	MM
6	201125K1_6	2000	1.59	NO	41.54	1.001	4.15e7	2.19e6	1850	-7.4	0.947	MM

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Compound name: PCB-114

Response Factor: 1.08393
 RRF SD: 0.100361, Relative SD: 9.25897
 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
1	201125K1_1	0.250	1.79	NO	42.19	1.000	4.91e3	1.68e6	0.270	7.9	1.17	MM
2	201125K1_2	1.00	1.58	NO	42.17	1.000	1.97e4	1.94e6	0.937	-6.3	1.02	MM
3	201125K1_3	2.50	1.50	NO	42.17	1.000	4.97e4	2.05e6	2.23	-10.8	0.967	MM
4	201125K1_4	50.0	1.58	NO	42.17	1.000	1.14e6	1.86e6	56.5	13.1	1.23	MM
5	201125K1_5	400	1.56	NO	42.17	1.000	9.09e6	2.05e6	408	2.0	1.11	MM
6	201125K1_6	1000	1.56	NO	42.19	1.000	2.27e7	2.23e6	941	-5.9	1.02	MM

Compound name: PCB-122

Response Factor: 0.930252
 RRF SD: 0.081016, Relative SD: 8.70904
 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
1	201125K1_1	0.250	1.78	NO	42.32	1.004	3.79e3	1.68e6	0.242	-3.1	0.902	MM
2	201125K1_2	1.00	1.53	NO	42.32	1.004	1.74e4	1.94e6	0.962	-3.8	0.895	dd
3	201125K1_3	2.50	1.60	NO	42.32	1.004	4.41e4	2.05e6	2.31	-7.7	0.859	dd
4	201125K1_4	50.0	1.61	NO	42.32	1.004	1.00e6	1.86e6	58.0	15.9	1.08	MM
5	201125K1_5	400	1.58	NO	42.32	1.004	7.94e6	2.05e6	416	3.9	0.967	MM
6	201125K1_6	1000	1.56	NO	42.34	1.004	1.97e7	2.23e6	948	-5.2	0.882	MM

Compound name: PCB-105

Response Factor: 1.03453
 RRF SD: 0.0914333, Relative SD: 8.83811
 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
1	201125K1_1	0.250	1.60	NO	43.08	1.000	4.74e3	1.79e6	0.256	2.5	1.06	MM
2	201125K1_2	1.00	1.67	NO	43.06	1.000	1.92e4	1.95e6	0.949	-5.1	0.982	dd

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Compound name: PCB-105

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.63	NO	43.06	1.000	5.01e4	2.12e6	2.28	-8.7	0.945	bd
4	201125K1_4	50.0	1.60	NO	43.06	1.000	1.12e6	1.88e6	57.6	15.1	1.19	dd
5	201125K1_5	400	1.60	NO	43.06	1.000	8.94e6	2.10e6	411	2.9	1.06	MM
6	201125K1_6	1000	1.55	NO	43.08	1.000	2.22e7	2.30e6	933	-6.7	0.965	bd

Compound name: PCB-127

Response Factor: 1.05644

RRF SD: 0.0812189, Relative SD: 7.688

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
1	201125K1_1	0.250	1.62	NO	43.42	1.000	5.02e3	1.85e6	0.256	2.4	1.08	MM
2	201125K1_2	1.00	1.66	NO	43.42	1.000	2.02e4	2.02e6	0.944	-5.6	0.998	db
3	201125K1_3	2.50	1.66	NO	43.42	1.000	5.37e4	2.21e6	2.30	-8.1	0.971	db
4	201125K1_4	50.0	1.56	NO	43.42	1.000	1.21e6	2.04e6	56.2	12.5	1.19	db
5	201125K1_5	400	1.59	NO	43.42	1.000	9.54e6	2.18e6	414	3.6	1.09	db
6	201125K1_6	1000	1.59	NO	43.44	1.000	2.35e7	2.33e6	951	-4.9	1.01	db

Compound name: PCB-126

Response Factor: 1.15088

RRF SD: 0.103522, Relative SD: 8.99506

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
1	201125K1_1	0.250	1.68	NO	45.39	1.000	5.12e3	1.64e6	0.272	8.8	1.25	MM
2	201125K1_2	1.00	1.62	NO	45.37	1.000	2.32e4	2.19e6	0.921	-7.9	1.06	db
3	201125K1_3	2.50	1.52	NO	45.37	1.000	5.93e4	2.30e6	2.24	-10.2	1.03	db
4	201125K1_4	50.0	1.57	NO	45.37	1.000	1.32e6	2.06e6	55.8	11.6	1.28	db
5	201125K1_5	400	1.61	NO	45.37	1.000	9.91e6	2.10e6	410	2.4	1.18	db
6	201125K1_6	1000	1.61	NO	45.39	1.000	2.51e7	2.28e6	953	-4.7	1.10	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-155

Response Factor: 0.852601
 RRF SD: 0.0562188, Relative SD: 6.5938
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.26	NO	36.86	1.000	2.62e3	1.22e6	0.251	0.2	0.855	MM
2	201125K1_2	1.00	1.29	NO	36.84	1.000	1.19e4	1.44e6	0.971	-2.9	0.828	bb
3	201125K1_3	2.50	1.31	NO	36.86	1.001	3.13e4	1.61e6	2.28	-8.9	0.777	bb
4	201125K1_4	50.0	1.29	NO	36.86	1.001	6.90e5	1.47e6	55.2	10.3	0.940	bb
5	201125K1_5	400	1.30	NO	36.86	1.001	5.50e6	1.55e6	416	4.0	0.887	bb
6	201125K1_6	1000	1.27	NO	36.86	1.000	1.32e7	1.59e6	972	-2.8	0.829	bb

Compound name: PCB-150

Response Factor: 0.934238
 RRF SD: 0.101585, Relative SD: 10.8736
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.18	NO	38.16	1.036	3.34e3	1.22e6	0.292	16.7	1.09	MM
2	201125K1_2	1.00	1.30	NO	38.14	1.036	1.21e4	1.44e6	0.899	-10.1	0.840	bb
3	201125K1_3	2.50	1.34	NO	38.14	1.036	3.29e4	1.61e6	2.18	-12.8	0.815	bb
4	201125K1_4	50.0	1.26	NO	38.16	1.036	7.29e5	1.47e6	53.2	6.4	0.994	bb
5	201125K1_5	400	1.28	NO	38.16	1.036	5.90e6	1.55e6	407	1.8	0.951	bb
6	201125K1_6	1000	1.28	NO	38.18	1.036	1.46e7	1.59e6	981	-1.9	0.916	bb

Compound name: PCB-152

Response Factor: 1.01819
 RRF SD: 0.102406, Relative SD: 10.0576
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.23	NO	38.64	1.049	3.56e3	1.22e6	0.285	14.2	1.16	db
2	201125K1_2	1.00	1.24	NO	38.64	1.049	1.28e4	1.44e6	0.879	-12.1	0.895	bb

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Compound name: PCB-152

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.29	NO	38.64	1.049	3.71e4	1.61e6	2.26	-9.7	0.919	bb
4	201125K1_4	50.0	1.34	NO	38.64	1.049	8.01e5	1.47e6	53.6	7.2	1.09	bb
5	201125K1_5	400	1.28	NO	38.64	1.049	6.48e6	1.55e6	410	2.6	1.04	bb
6	201125K1_6	1000	1.30	NO	38.66	1.049	1.59e7	1.59e6	979	-2.1	0.996	bb

Compound name: PCB-145

Response Factor: 0.982821

RRF SD: 0.0825517, Relative SD: 8.39946

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.39	NO	39.11	1.062	3.00e3	1.22e6	0.250	-0.2	0.981	MM
2	201125K1_2	1.00	1.30	NO	39.11	1.062	1.28e4	1.44e6	0.904	-9.6	0.889	bb
3	201125K1_3	2.50	1.20	NO	39.11	1.062	3.54e4	1.61e6	2.23	-10.6	0.879	bb
4	201125K1_4	50.0	1.26	NO	39.11	1.062	7.83e5	1.47e6	54.3	8.5	1.07	bb
5	201125K1_5	400	1.26	NO	39.11	1.062	6.56e6	1.55e6	431	7.6	1.06	bb
6	201125K1_6	1000	1.31	NO	39.13	1.062	1.63e7	1.59e6	1040	4.2	1.02	bb

Compound name: PCB-136

Response Factor: 0.881062

RRF SD: 0.0788666, Relative SD: 8.95131

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.24	NO	39.44	1.071	2.80e3	1.22e6	0.260	3.8	0.915	MM
2	201125K1_2	1.00	1.25	NO	39.42	1.071	1.14e4	1.44e6	0.905	-9.5	0.797	bd
3	201125K1_3	2.50	1.25	NO	39.42	1.071	3.15e4	1.61e6	2.22	-11.3	0.781	bd
4	201125K1_4	50.0	1.26	NO	39.42	1.071	7.24e5	1.47e6	56.0	12.0	0.986	bd
5	201125K1_5	400	1.29	NO	39.44	1.071	5.73e6	1.55e6	420	4.9	0.924	bd
6	201125K1_6	1000	1.27	NO	39.44	1.071	1.40e7	1.59e6	1000	0.1	0.882	bd

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-148

Response Factor: 0.666115
 RRF SD: 0.0655819, Relative SD: 9.84543
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.07	NO	39.55	1.074	2.13e3	1.22e6	0.262	4.6	0.697	dd
2	201125K1_2	1.00	1.22	NO	39.53	1.074	8.67e3	1.44e6	0.907	-9.3	0.604	db
3	201125K1_3	2.50	1.34	NO	39.55	1.074	2.31e4	1.61e6	2.15	-13.9	0.574	db
4	201125K1_4	50.0	1.28	NO	39.55	1.074	5.46e5	1.47e6	55.9	11.7	0.744	db
5	201125K1_5	400	1.30	NO	39.55	1.074	4.41e6	1.55e6	427	6.8	0.712	db
6	201125K1_6	1000	1.32	NO	39.57	1.074	1.06e7	1.59e6	1000	-0.0	0.666	db

Compound name: PCB-154

Response Factor: 0.720709
 RRF SD: 0.0489312, Relative SD: 6.78932
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.19	NO	40.06	1.087	2.11e3	1.22e6	0.239	-4.5	0.688	MM
2	201125K1_2	1.00	1.36	NO	40.06	1.088	1.01e4	1.44e6	0.972	-2.8	0.701	bb
3	201125K1_3	2.50	1.23	NO	40.06	1.088	2.65e4	1.61e6	2.28	-8.8	0.658	bb
4	201125K1_4	50.0	1.28	NO	40.06	1.088	5.79e5	1.47e6	54.7	9.4	0.789	bb
5	201125K1_5	400	1.29	NO	40.06	1.088	4.74e6	1.55e6	424	6.0	0.764	bb
6	201125K1_6	1000	1.26	NO	40.08	1.088	1.16e7	1.59e6	1010	0.6	0.725	bb

Compound name: PCB-151

Response Factor: 0.674097
 RRF SD: 0.096058, Relative SD: 14.2499
 Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.18	NO	40.71	1.105	2.61e3	1.22e6	0.316	26.3	0.852	MM
2	201125K1_2	1.00	1.37	NO	40.71	1.106	8.78e3	1.44e6	0.908	-9.2	0.612	bb

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Compound name: PCB-151

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.41	NO	40.71	1.106	2.36e4	1.61e6	2.17	-13.3	0.584	MM
4	201125K1_4	50.0	1.31	NO	40.71	1.106	5.15e5	1.47e6	52.1	4.2	0.702	bd
5	201125K1_5	400	1.28	NO	40.71	1.106	4.11e6	1.55e6	393	-1.7	0.662	bd
6	201125K1_6	1000	1.31	NO	40.73	1.106	1.01e7	1.59e6	938	-6.2	0.632	bd

Compound name: PCB-135

Response Factor: 0.723039

RRF SD: 0.0991453, Relative SD: 13.7123

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.20	NO	40.95	1.112	2.73e3	1.22e6	0.308	23.2	0.891	dd
2	201125K1_2	1.00	1.15	NO	40.93	1.112	9.33e3	1.44e6	0.899	-10.1	0.650	MM
3	201125K1_3	2.50	1.27	NO	40.93	1.112	2.43e4	1.61e6	2.09	-16.5	0.604	dd
4	201125K1_4	50.0	1.25	NO	40.93	1.112	5.56e5	1.47e6	52.4	4.8	0.758	dd
5	201125K1_5	400	1.28	NO	40.95	1.112	4.50e6	1.55e6	402	0.4	0.726	MM
6	201125K1_6	1000	1.25	NO	40.95	1.112	1.13e7	1.59e6	982	-1.8	0.710	MM

Compound name: PCB-144

Response Factor: 0.691489

RRF SD: 0.0495355, Relative SD: 7.16361

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.26	NO	41.06	1.115	2.07e3	1.22e6	0.245	-2.0	0.678	MM
2	201125K1_2	1.00	1.21	NO	41.04	1.115	9.17e3	1.44e6	0.924	-7.6	0.639	MM
3	201125K1_3	2.50	1.31	NO	41.04	1.115	2.56e4	1.61e6	2.30	-8.2	0.635	dd
4	201125K1_4	50.0	1.29	NO	41.04	1.115	5.54e5	1.47e6	54.6	9.3	0.756	dd
5	201125K1_5	400	1.30	NO	41.06	1.115	4.55e6	1.55e6	424	6.0	0.733	MM
6	201125K1_6	1000	1.31	NO	41.06	1.115	1.13e7	1.59e6	1020	2.4	0.708	MM

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Compound name: PCB-147

Response Factor: 0.712824

RRF SD: 0.0990544, Relative SD: 13.8961

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.25	NO	41.19	1.118	2.68e3	1.22e6	0.307	22.8	0.876	db
2	201125K1_2	1.00	1.24	NO	41.17	1.118	9.28e3	1.44e6	0.907	-9.3	0.646	MM
3	201125K1_3	2.50	1.37	NO	41.19	1.119	2.35e4	1.61e6	2.04	-18.4	0.582	db
4	201125K1_4	50.0	1.29	NO	41.19	1.119	5.44e5	1.47e6	52.0	4.0	0.741	db
5	201125K1_5	400	1.32	NO	41.19	1.119	4.48e6	1.55e6	405	1.4	0.723	db
6	201125K1_6	1000	1.28	NO	41.21	1.119	1.13e7	1.59e6	996	-0.4	0.710	db

Compound name: PCB-139/149

Response Factor: 0.773171

RRF SD: 0.0638554, Relative SD: 8.25891

Response type: Internal Std (Ref 195), 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	201125K1_1	0.500	1.07	NO	41.47	1.126	4.99e3	1.22e6	0.527	5.4	0.815	MM
2	201125K1_2	2.00	1.35	NO	41.45	1.126	2.08e4	1.44e6	1.87	-6.4	0.723	bd
3	201125K1_3	5.00	1.25	NO	41.45	1.126	5.37e4	1.61e6	4.31	-13.9	0.666	bd
4	201125K1_4	100	1.26	NO	41.45	1.126	1.21e6	1.47e6	106	6.3	0.822	bd
5	201125K1_5	800	1.30	NO	41.47	1.126	1.01e7	1.55e6	840	5.0	0.812	bd
6	201125K1_6	2000	1.26	NO	41.47	1.126	2.55e7	1.59e6	2070	3.6	0.801	bd

Compound name: PCB-140

Response Factor: 0.652312

RRF SD: 0.0573166, Relative SD: 8.78668

Response type: Internal Std (Ref 195), 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	201125K1_1	0.250	1.23	NO	41.66	1.131	2.12e3	1.22e6	0.266	6.4	0.694	MM
2	201125K1_2	1.00	1.23	NO	41.64	1.131	8.43e3	1.44e6	0.900	-10.0	0.587	db

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Compound name: PCB-140

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.32	NO	41.64	1.131	2.34e4	1.61e6	2.22	-11.1	0.580	db
4	201125K1_4	50.0	1.28	NO	41.66	1.131	5.27e5	1.47e6	55.1	10.2	0.719	db
5	201125K1_5	400	1.31	NO	41.66	1.131	4.22e6	1.55e6	417	4.3	0.680	db
6	201125K1_6	1000	1.27	NO	41.67	1.131	1.04e7	1.59e6	1000	0.2	0.653	db

Compound name: PCB-134/143

Response Factor: 0.717673

RRF SD: 0.0518866, Relative SD: 7.22984

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
1	201125K1_1	0.500	1.34	NO	42.11	0.974	5.25e3	1.49e6	0.491	-1.9	0.704	MM
2	201125K1_2	2.00	1.30	NO	42.11	0.975	2.21e4	1.61e6	1.91	-4.7	0.684	bb
3	201125K1_3	5.00	1.26	NO	42.09	0.974	5.81e4	1.77e6	4.58	-8.4	0.658	bb
4	201125K1_4	100	1.25	NO	42.11	0.975	1.29e6	1.60e6	113	12.6	0.808	bb
5	201125K1_5	800	1.24	NO	42.11	0.975	1.03e7	1.75e6	821	2.6	0.736	bb
6	201125K1_6	2000	1.24	NO	42.13	0.975	2.55e7	1.78e6	1990	-0.3	0.716	bb

Compound name: PCB-131/133

Response Factor: 0.767641

RRF SD: 0.0615073, Relative SD: 8.01251

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
1	201125K1_1	0.500	1.15	NO	42.41	0.981	5.91e3	1.49e6	0.517	3.4	0.794	MM
2	201125K1_2	2.00	1.27	NO	42.41	0.982	2.32e4	1.61e6	1.87	-6.6	0.717	bd
3	201125K1_3	5.00	1.26	NO	42.41	0.982	5.97e4	1.77e6	4.41	-11.9	0.676	bd
4	201125K1_4	100	1.25	NO	42.41	0.982	1.36e6	1.60e6	111	10.7	0.850	bd
5	201125K1_5	800	1.24	NO	42.41	0.982	1.11e7	1.75e6	825	3.1	0.791	bd
6	201125K1_6	2000	1.25	NO	42.43	0.982	2.77e7	1.78e6	2030	1.3	0.778	bd

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Compound name: PCB-142

Response Factor: 0.687079

RRF SD: 0.0529721, Relative SD: 7.70975

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
1	201125K1_1	0.250	1.29	NO	42.58	0.985	2.53e3	1.49e6	0.248	-1.0	0.680	dd
2	201125K1_2	1.00	1.24	NO	42.57	0.985	1.06e4	1.61e6	0.954	-4.6	0.655	dd
3	201125K1_3	2.50	1.23	NO	42.57	0.985	2.73e4	1.77e6	2.25	-9.9	0.619	dd
4	201125K1_4	50.0	1.25	NO	42.57	0.985	6.20e5	1.60e6	56.4	12.9	0.776	dd
5	201125K1_5	400	1.26	NO	42.57	0.985	4.96e6	1.75e6	413	3.2	0.709	dd
6	201125K1_6	1000	1.26	NO	42.58	0.985	1.22e7	1.78e6	994	-0.6	0.683	dd

Compound name: PCB-146/165

Response Factor: 0.9434

RRF SD: 0.0698543, Relative SD: 7.40453

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
1	201125K1_1	0.500	1.22	NO	42.81	0.990	7.30e3	1.49e6	0.520	3.9	0.981	MM
2	201125K1_2	2.00	1.27	NO	42.79	0.990	2.81e4	1.61e6	1.85	-7.6	0.872	dd
3	201125K1_3	5.00	1.19	NO	42.81	0.991	7.52e4	1.77e6	4.51	-9.8	0.851	dd
4	201125K1_4	100	1.25	NO	42.81	0.991	1.66e6	1.60e6	110	9.9	1.04	dd
5	201125K1_5	800	1.25	NO	42.81	0.991	1.35e7	1.75e6	817	2.1	0.964	dd
6	201125K1_6	2000	1.25	NO	42.83	0.991	3.41e7	1.78e6	2030	1.4	0.957	dd

Compound name: PCB-132/161

Response Factor: 0.95709

RRF SD: 0.0791961, Relative SD: 8.27468

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
1	201125K1_1	0.500	1.39	NO	43.06	0.996	7.59e3	1.49e6	0.532	6.4	1.02	MM
2	201125K1_2	2.00	1.28	NO	43.04	0.996	2.82e4	1.61e6	1.83	-8.6	0.875	dd

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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
201125K1_3	5.00	1.26	NO	43.04	0.996	7.58e4	1.77e6	4.48	-10.4	0.858	dd
201125K1_4	100	1.26	NO	43.04	0.996	1.69e6	1.60e6	111	10.5	1.06	dd
201125K1_5	800	1.25	NO	43.06	0.997	1.38e7	1.75e6	823	2.8	0.984	dd
201125K1_6	2000	1.26	NO	43.08	0.997	3.38e7	1.78e6	1980	-0.8	0.950	dd

Compound name: PCB-153

Response Factor: 0.990121

RRF SD: 0.0793774, Relative SD: 8.01694

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
201125K1_1	0.250	1.39	NO	43.25	1.000	3.99e3	1.49e6	0.271	8.3	1.07	MM
201125K1_2	1.00	1.20	NO	43.23	1.000	1.54e4	1.61e6	0.961	-3.9	0.951	dd
201125K1_3	2.50	1.23	NO	43.23	1.000	4.00e4	1.77e6	2.29	-8.6	0.905	dd
201125K1_4	50.0	1.25	NO	43.23	1.000	8.79e5	1.60e6	55.6	11.2	1.10	dd
201125K1_5	400	1.25	NO	43.23	1.000	6.87e6	1.75e6	397	-0.8	0.982	dd
201125K1_6	1000	1.26	NO	43.25	1.000	1.65e7	1.78e6	938	-6.2	0.929	dd

Compound name: PCB-168

Response Factor: 1.03491

RRF SD: 0.123668, Relative SD: 11.9496

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
201125K1_1	0.250	1.32	NO	43.46	1.005	4.52e3	1.49e6	0.293	17.2	1.21	MM
201125K1_2	1.00	1.29	NO	43.46	1.006	1.47e4	1.61e6	0.879	-12.1	0.909	db
201125K1_3	2.50	1.27	NO	43.46	1.006	4.01e4	1.77e6	2.19	-12.2	0.908	db
201125K1_4	50.0	1.25	NO	43.46	1.006	9.07e5	1.60e6	54.9	9.8	1.14	db
201125K1_5	400	1.25	NO	43.46	1.006	7.38e6	1.75e6	408	2.0	1.06	db
201125K1_6	1000	1.25	NO	43.47	1.006	1.76e7	1.78e6	953	-4.7	0.987	db

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Compound name: PCB-141

Response Factor: 0.948301

RRF SD: 0.0929715, Relative SD: 9.80401

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
1	201125K1_1	0.250	1.09	NO	44.01	1.000	3.13e3	1.18e6	0.279	11.6	1.06	MM
2	201125K1_2	1.00	1.18	NO	43.99	1.000	1.17e4	1.35e6	0.915	-8.5	0.868	MM
3	201125K1_3	2.50	1.25	NO	43.99	1.000	3.05e4	1.47e6	2.18	-12.8	0.827	MM
4	201125K1_4	50.0	1.25	NO	44.01	1.001	7.08e5	1.36e6	54.9	9.8	1.04	bd
5	201125K1_5	400	1.25	NO	44.01	1.000	5.55e6	1.43e6	410	2.6	0.973	bd
6	201125K1_6	1000	1.24	NO	44.03	1.001	1.35e7	1.47e6	972	-2.8	0.922	bd

Compound name: PCB-137

Response Factor: 0.96353

RRF SD: 0.0911472, Relative SD: 9.45971

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
1	201125K1_1	0.250	1.37	NO	44.40	1.010	3.12e3	1.18e6	0.274	9.6	1.06	MM
2	201125K1_2	1.00	1.22	NO	44.38	1.010	1.14e4	1.35e6	0.879	-12.1	0.847	bd
3	201125K1_3	2.50	1.25	NO	44.38	1.010	3.21e4	1.47e6	2.26	-9.7	0.870	bd
4	201125K1_4	50.0	1.23	NO	44.38	1.010	7.22e5	1.36e6	55.0	10.1	1.06	bd
5	201125K1_5	400	1.23	NO	44.38	1.009	5.68e6	1.43e6	414	3.5	0.997	bd
6	201125K1_6	1000	1.22	NO	44.40	1.010	1.39e7	1.47e6	986	-1.4	0.950	bd

Compound name: PCB-130

Response Factor: 0.816424

RRF SD: 0.0786335, Relative SD: 9.63145

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
1	201125K1_1	0.250	1.42	NO	44.50	1.012	2.27e3	1.18e6	0.235	-5.8	0.769	MM
2	201125K1_2	1.00	1.20	NO	44.50	1.012	9.97e3	1.35e6	0.905	-9.5	0.739	MM

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Compound name: PCB-130

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.25	NO	44.50	1.012	2.74e4	1.47e6	2.28	-8.8	0.745	MM
4	201125K1_4	50.0	1.25	NO	44.50	1.012	6.27e5	1.36e6	56.4	12.9	0.922	MM
5	201125K1_5	400	1.25	NO	44.50	1.012	5.11e6	1.43e6	439	9.7	0.896	MM
6	201125K1_6	1000	1.25	NO	44.52	1.012	1.22e7	1.47e6	1020	1.5	0.829	MM

Compound name: PCB-138/163/164

Response Factor: 1.15391

RRF SD: 0.0854246, Relative SD: 7.40304

Response type: Internal Std (Ref 198), 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	201125K1_1	0.750	1.17	NO	44.90	1.001	1.09e4	1.23e6	0.764	1.9	1.18	MM
2	201125K1_2	3.00	1.19	NO	44.88	1.001	4.63e4	1.45e6	2.77	-7.8	1.06	bd
3	201125K1_3	7.50	1.26	NO	44.90	1.001	1.20e5	1.52e6	6.87	-8.4	1.06	bd
4	201125K1_4	150	1.25	NO	44.90	1.001	2.70e6	1.41e6	166	10.9	1.28	bd
5	201125K1_5	1200	1.24	NO	44.90	1.001	2.25e7	1.56e6	1250	4.4	1.20	MM
6	201125K1_6	3000	1.25	NO	44.92	1.001	5.59e7	1.63e6	2970	-1.0	1.14	MM

Compound name: PCB-158/160

Response Factor: 1.13802

RRF SD: 0.0855101, Relative SD: 7.51393

Response type: Internal Std (Ref 198), 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	201125K1_1	0.500	1.13	NO	45.14	1.006	7.31e3	1.23e6	0.521	4.2	1.19	MM
2	201125K1_2	2.00	1.16	NO	45.12	1.006	3.14e4	1.45e6	1.90	-5.1	1.08	dd
3	201125K1_3	5.00	1.23	NO	45.12	1.006	7.99e4	1.52e6	4.63	-7.3	1.05	dd
4	201125K1_4	100	1.25	NO	45.12	1.006	1.80e6	1.41e6	112	12.4	1.28	dd
5	201125K1_5	800	1.23	NO	45.14	1.007	1.44e7	1.56e6	810	1.2	1.15	MM
6	201125K1_6	2000	1.24	NO	45.14	1.006	3.51e7	1.63e6	1890	-5.5	1.08	MM

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-129

Response Factor: 0.806681
 RRF SD: 0.0764974, Relative SD: 9.48298
 Response type: Internal Std (Ref 198), 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	201125K1_1	0.250	1.14	NO	45.39	1.012	2.19e3	1.23e6	0.220	-12.1	0.709	bb
2	201125K1_2	1.00	1.20	NO	45.37	1.012	1.20e4	1.45e6	1.02	2.2	0.824	db
3	201125K1_3	2.50	1.20	NO	45.37	1.012	2.97e4	1.52e6	2.43	-2.8	0.784	db
4	201125K1_4	50.0	1.24	NO	45.39	1.012	6.62e5	1.41e6	58.3	16.6	0.941	db
5	201125K1_5	400	1.23	NO	45.39	1.012	5.02e6	1.56e6	399	-0.2	0.805	MM
6	201125K1_6	1000	1.23	NO	45.41	1.012	1.27e7	1.63e6	963	-3.7	0.777	MM

Compound name: PCB-166

Response Factor: 1.03119
 RRF SD: 0.0847646, Relative SD: 8.22007
 Response type: Internal Std (Ref 199), 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	201125K1_1	0.250	1.37	NO	45.86	0.993	3.84e3	1.44e6	0.258	3.3	1.07	MM
2	201125K1_2	1.00	1.27	NO	45.84	0.993	1.70e4	1.77e6	0.928	-7.2	0.957	MM
3	201125K1_3	2.50	1.28	NO	45.84	0.993	4.39e4	1.88e6	2.27	-9.4	0.934	MM
4	201125K1_4	50.0	1.25	NO	45.84	0.993	9.93e5	1.71e6	56.2	12.4	1.16	MM
5	201125K1_5	400	1.23	NO	45.84	0.993	7.98e6	1.85e6	418	4.4	1.08	MM
6	201125K1_6	1000	1.25	NO	45.86	0.993	1.98e7	1.99e6	965	-3.5	0.995	MM

Compound name: PCB-159

Response Factor: 1.0964
 RRF SD: 0.0899015, Relative SD: 8.19974
 Response type: Internal Std (Ref 199), 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	201125K1_1	0.250	1.25	NO	46.20	1.000	4.25e3	1.44e6	0.269	7.4	1.18	MM
2	201125K1_2	1.00	1.22	NO	46.19	1.000	1.78e4	1.77e6	0.915	-8.5	1.00	MM

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Compound name: PCB-159

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.22	NO	46.18	1.000	4.74e4	1.88e6	2.30	-8.0	1.01	MM
4	201125K1_4	50.0	1.24	NO	46.18	1.000	1.04e6	1.71e6	55.4	10.8	1.21	MM
5	201125K1_5	400	1.23	NO	46.20	1.000	8.35e6	1.85e6	411	2.8	1.13	MM
6	201125K1_6	1000	1.24	NO	46.20	1.000	2.08e7	1.99e6	955	-4.5	1.05	MM

Compound name: PCB-128/162

Response Factor: 0.836127
 RRF SD: 0.0743149, Relative SD: 8.88799
 Response type: Internal Std (Ref 199), 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	201125K1_1	0.500	1.37	NO	46.51	1.007	6.68e3	1.44e6	0.555	10.9	0.927	MM
2	201125K1_2	2.00	1.21	NO	46.49	1.007	2.75e4	1.77e6	1.86	-7.2	0.776	MM
3	201125K1_3	5.00	1.29	NO	46.49	1.007	7.03e4	1.88e6	4.48	-10.5	0.749	MM
4	201125K1_4	100	1.24	NO	46.49	1.007	1.56e6	1.71e6	109	8.8	0.910	MM
5	201125K1_5	800	1.24	NO	46.49	1.007	1.28e7	1.85e6	825	3.2	0.863	MM
6	201125K1_6	2000	1.24	NO	46.51	1.007	3.15e7	1.99e6	1900	-5.2	0.792	MM

Compound name: PCB-167

Response Factor: 0.960374
 RRF SD: 0.0617668, Relative SD: 6.43153
 Response type: Internal Std (Ref 200), 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	201125K1_1	0.250	1.37	NO	46.90	1.000	3.56e3	1.49e6	0.249	-0.5	0.956	MM
2	201125K1_2	1.00	1.26	NO	46.90	1.001	1.67e4	1.80e6	0.962	-3.8	0.924	MM
3	201125K1_3	2.50	1.20	NO	46.88	1.000	4.25e4	1.93e6	2.29	-8.2	0.882	bb
4	201125K1_4	50.0	1.23	NO	46.88	1.000	9.27e5	1.76e6	54.9	9.8	1.05	bb
5	201125K1_5	400	1.24	NO	46.90	1.000	7.61e6	1.89e6	419	4.8	1.01	bb
6	201125K1_6	1000	1.25	NO	46.90	1.000	1.90e7	2.02e6	978	-2.2	0.939	bb

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Compound name: PCB-156

Response Factor: 1.06254

RRF SD: 0.0932552, Relative SD: 8.77663

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
1	201125K1_1	0.250	1.21	NO	48.25	1.001	4.08e3	1.38e6	0.278	11.3	1.18	MM
2	201125K1_2	1.00	1.20	NO	48.23	1.000	1.67e4	1.66e6	0.946	-5.4	1.00	bd
3	201125K1_3	2.50	1.24	NO	48.23	1.000	4.24e4	1.79e6	2.22	-11.1	0.944	bd
4	201125K1_4	50.0	1.24	NO	48.23	1.001	9.52e5	1.64e6	54.6	9.2	1.16	bb
5	201125K1_5	400	1.24	NO	48.23	1.000	7.66e6	1.79e6	402	0.5	1.07	bd
6	201125K1_6	1000	1.24	NO	48.25	1.000	2.00e7	1.97e6	956	-4.4	1.02	bb

Compound name: PCB-157

Response Factor: 0.959906

RRF SD: 0.0939394, Relative SD: 9.78631

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
1	201125K1_1	0.250	1.36	NO	48.51	1.000	3.71e3	1.39e6	0.278	11.1	1.07	MM
2	201125K1_2	1.00	1.40	NO	48.50	1.000	1.46e4	1.70e6	0.897	-10.3	0.861	dd
3	201125K1_3	2.50	1.28	NO	48.50	1.000	3.99e4	1.81e6	2.29	-8.3	0.881	dd
4	201125K1_4	50.0	1.25	NO	48.50	1.000	8.88e5	1.66e6	55.9	11.8	1.07	bd
5	201125K1_5	400	1.25	NO	48.51	1.000	7.15e6	1.83e6	408	2.0	0.979	dd
6	201125K1_6	1000	1.25	NO	48.51	1.000	1.81e7	2.01e6	938	-6.2	0.900	bd

Compound name: PCB-169

Response Factor: 1.03922

RRF SD: 0.0926086, Relative SD: 8.91138

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
1	201125K1_1	0.250	1.26	NO	50.79	1.000	3.87e3	1.40e6	0.266	6.4	1.11	MM
2	201125K1_2	1.00	1.30	NO	50.77	1.000	1.58e4	1.68e6	0.904	-9.6	0.939	bb

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Compound name: PCB-169

Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
201125K1_3	2.50	1.31	NO	50.79	1.000	4.20e4	1.78e6	2.27	-9.2	0.944	bb
201125K1_4	50.0	1.26	NO	50.77	1.000	9.54e5	1.63e6	56.4	12.9	1.17	bb
201125K1_5	400	1.25	NO	50.79	1.000	7.42e6	1.74e6	410	2.4	1.06	bb
201125K1_6	1000	1.25	NO	50.79	1.000	1.97e7	1.95e6	971	-2.9	1.01	bb

Compound name: PCB-188

Response Factor: 1.14978

RRF SD: 0.0865148, Relative SD: 7.52447

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
201125K1_1	0.250	1.03	NO	42.85	1.000	3.84e3	1.26e6	0.266	6.4	1.22	MM
201125K1_2	1.00	1.05	NO	42.85	1.000	1.53e4	1.42e6	0.937	-6.3	1.08	bb
201125K1_3	2.50	0.96	NO	42.85	1.000	4.11e4	1.52e6	2.35	-5.9	1.08	bb
201125K1_4	50.0	1.04	NO	42.85	1.000	8.97e5	1.41e6	55.5	10.9	1.28	bb
201125K1_5	400	1.03	NO	42.85	1.000	7.52e6	1.61e6	407	1.7	1.17	bb
201125K1_6	1000	1.03	NO	42.87	1.000	1.83e7	1.71e6	932	-6.8	1.07	bb

Compound name: PCB-184

Response Factor: 1.13984

RRF SD: 0.122278, Relative SD: 10.7276

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
201125K1_1	0.250	0.96	NO	43.32	1.012	4.09e3	1.26e6	0.286	14.2	1.30	MM
201125K1_2	1.00	1.08	NO	43.31	1.011	1.50e4	1.42e6	0.928	-7.2	1.06	bb
201125K1_3	2.50	1.10	NO	43.31	1.011	4.14e4	1.52e6	2.39	-4.2	1.09	bb
201125K1_4	50.0	1.04	NO	43.32	1.012	9.01e5	1.41e6	56.2	12.5	1.28	bb
201125K1_5	400	1.04	NO	43.32	1.012	7.06e6	1.61e6	385	-3.7	1.10	bb
201125K1_6	1000	1.03	NO	43.34	1.012	1.73e7	1.71e6	885	-11.5	1.01	bb

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Compound name: PCB-179

Response Factor: 1.0746

RRF SD: 0.121782, Relative SD: 11.3327

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
1	201125K1_1	0.250	1.11	NO	44.12	1.030	2.97e3	1.26e6	0.220	-12.0	0.945	bb
2	201125K1_2	1.00	0.93	NO	44.12	1.030	1.49e4	1.42e6	0.979	-2.1	1.05	bb
3	201125K1_3	2.50	1.07	NO	44.12	1.030	3.91e4	1.52e6	2.40	-4.1	1.03	bb
4	201125K1_4	50.0	1.02	NO	44.12	1.030	9.13e5	1.41e6	60.4	20.8	1.30	bb
5	201125K1_5	400	1.05	NO	44.12	1.030	7.14e6	1.61e6	413	3.2	1.11	bb
6	201125K1_6	1000	1.05	NO	44.14	1.030	1.73e7	1.71e6	943	-5.7	1.01	bb

Compound name: PCB-176

Response Factor: 1.11287

RRF SD: 0.0852407, Relative SD: 7.65954

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
1	201125K1_1	0.250	0.93	NO	44.59	1.041	3.46e3	1.26e6	0.248	-0.8	1.10	MM
2	201125K1_2	1.00	1.09	NO	44.59	1.041	1.55e4	1.42e6	0.980	-2.0	1.09	bb
3	201125K1_3	2.50	1.06	NO	44.59	1.041	4.06e4	1.52e6	2.41	-3.8	1.07	bb
4	201125K1_4	50.0	1.02	NO	44.59	1.041	8.91e5	1.41e6	57.0	13.9	1.27	bb
5	201125K1_5	400	1.05	NO	44.59	1.041	7.27e6	1.61e6	406	1.5	1.13	bb
6	201125K1_6	1000	1.03	NO	44.61	1.041	1.74e7	1.71e6	912	-8.8	1.01	bb

Compound name: PCB-186

Response Factor: 1.2312

RRF SD: 0.107186, Relative SD: 8.7058

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
1	201125K1_1	0.250	1.17	NO	45.24	1.056	3.64e3	1.26e6	0.236	-5.7	1.16	db
2	201125K1_2	1.00	1.06	NO	45.22	1.056	1.73e4	1.42e6	0.993	-0.7	1.22	bb

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Compound name: PCB-186

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.02	NO	45.22	1.056	4.66e4	1.52e6	2.49	-0.3	1.23	bb
4	201125K1_4	50.0	1.03	NO	45.22	1.056	1.00e6	1.41e6	58.0	16.1	1.43	bb
5	201125K1_5	400	1.04	NO	45.22	1.056	7.93e6	1.61e6	400	0.0	1.23	bb
6	201125K1_6	1000	1.04	NO	45.24	1.056	1.91e7	1.71e6	907	-9.3	1.12	bb

Compound name: PCB-178

Response Factor: 0.830122
 RRF SD: 0.0681517, Relative SD: 8.20984
 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
1	201125K1_1	0.250	1.04	NO	45.75	1.068	2.58e3	1.26e6	0.247	-1.0	0.822	MM
2	201125K1_2	1.00	1.06	NO	45.73	1.068	1.22e4	1.42e6	1.03	3.2	0.857	bb
3	201125K1_3	2.50	1.01	NO	45.73	1.068	2.93e4	1.52e6	2.32	-7.0	0.772	bb
4	201125K1_4	50.0	1.03	NO	45.73	1.068	6.66e5	1.41e6	57.1	14.1	0.947	bb
5	201125K1_5	400	1.03	NO	45.73	1.068	5.32e6	1.61e6	398	-0.5	0.826	bb
6	201125K1_6	1000	1.03	NO	45.75	1.068	1.30e7	1.71e6	912	-8.8	0.757	bb

Compound name: PCB-175

Response Factor: 0.852865
 RRF SD: 0.0676445, Relative SD: 7.93145
 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
1	201125K1_1	0.250	0.92	NO	46.09	1.076	2.83e3	1.26e6	0.265	5.8	0.902	bd
2	201125K1_2	1.00	1.02	NO	46.09	1.076	1.16e4	1.42e6	0.956	-4.4	0.815	bd
3	201125K1_3	2.50	0.98	NO	46.09	1.076	3.04e4	1.52e6	2.35	-6.1	0.801	bd
4	201125K1_4	50.0	1.06	NO	46.09	1.076	6.72e5	1.41e6	56.0	12.1	0.956	bd
5	201125K1_5	400	1.02	NO	46.09	1.076	5.56e6	1.61e6	405	1.4	0.865	bd
6	201125K1_6	1000	1.04	NO	46.11	1.076	1.33e7	1.71e6	913	-8.7	0.778	bd

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-182/187

Response Factor: 0.94182

RRF SD: 0.0798673, Relative SD: 8.4801

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
1	201125K1_1	0.500	1.00	NO	46.30	1.081	5.97e3	1.26e6	0.505	1.0	0.951	db
2	201125K1_2	2.00	1.12	NO	46.26	1.080	2.49e4	1.42e6	1.86	-6.9	0.877	db
3	201125K1_3	5.00	1.08	NO	46.28	1.081	6.61e4	1.52e6	4.63	-7.5	0.871	db
4	201125K1_4	100	1.04	NO	46.28	1.081	1.52e6	1.41e6	115	14.9	1.08	db
5	201125K1_5	800	1.04	NO	46.28	1.081	1.25e7	1.61e6	826	3.3	0.973	db
6	201125K1_6	2000	1.03	NO	46.30	1.081	3.07e7	1.71e6	1900	-4.8	0.896	db

Compound name: PCB-183

Response Factor: 0.910092

RRF SD: 0.0770699, Relative SD: 8.46836

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
1	201125K1_1	0.250	1.13	NO	46.60	1.088	2.95e3	1.26e6	0.258	3.1	0.939	MM
2	201125K1_2	1.00	0.99	NO	46.60	1.088	1.23e4	1.42e6	0.949	-5.1	0.864	bb
3	201125K1_3	2.50	1.08	NO	46.60	1.088	3.19e4	1.52e6	2.31	-7.6	0.841	bb
4	201125K1_4	50.0	1.04	NO	46.60	1.088	7.34e5	1.41e6	57.3	14.7	1.04	bb
5	201125K1_5	400	1.03	NO	46.60	1.088	5.96e6	1.61e6	407	1.7	0.926	bb
6	201125K1_6	1000	1.05	NO	46.62	1.088	1.45e7	1.71e6	931	-6.9	0.848	bb

Compound name: PCB-185

Response Factor: 1.23838

RRF SD: 0.113934, Relative SD: 9.2002

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	0.94	NO	47.28	0.955	2.28e3	8.18e5	0.225	-10.1	1.11	bb
2	201125K1_2	1.00	1.01	NO	47.28	0.955	1.15e4	9.17e5	1.01	1.3	1.25	bb

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Compound name: PCB-185

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.05	NO	47.28	0.955	2.90e4	1.02e6	2.30	-7.9	1.14	bb
4	201125K1_4	50.0	1.03	NO	47.28	0.955	6.65e5	9.31e5	57.6	15.2	1.43	bb
5	201125K1_5	400	1.05	NO	47.28	0.955	5.32e6	1.03e6	416	4.1	1.29	bb
6	201125K1_6	1000	1.05	NO	47.30	0.955	1.32e7	1.10e6	973	-2.7	1.21	bb

Compound name: PCB-174

Response Factor: 1.19822

RRF SD: 0.127974, Relative SD: 10.6803

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.06	NO	47.66	0.962	2.71e3	8.18e5	0.277	10.8	1.33	MM
2	201125K1_2	1.00	1.05	NO	47.66	0.962	1.03e4	9.17e5	0.939	-6.1	1.13	bd
3	201125K1_3	2.50	0.99	NO	47.64	0.962	2.63e4	1.02e6	2.16	-13.7	1.03	bd
4	201125K1_4	50.0	1.01	NO	47.66	0.962	6.21e5	9.31e5	55.6	11.2	1.33	bd
5	201125K1_5	400	1.02	NO	47.66	0.962	5.24e6	1.03e6	424	6.0	1.27	bd
6	201125K1_6	1000	1.03	NO	47.66	0.962	1.21e7	1.10e6	918	-8.2	1.10	bd

Compound name: PCB-181

Response Factor: 1.32963

RRF SD: 0.12544, Relative SD: 9.43425

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.12	NO	47.78	0.964	2.56e3	8.18e5	0.235	-6.0	1.25	MM
2	201125K1_2	1.00	1.07	NO	47.76	0.964	1.20e4	9.17e5	0.983	-1.7	1.31	dd
3	201125K1_3	2.50	0.97	NO	47.76	0.964	3.07e4	1.02e6	2.27	-9.0	1.21	dd
4	201125K1_4	50.0	1.04	NO	47.76	0.964	7.30e5	9.31e5	58.9	17.9	1.57	dd
5	201125K1_5	400	1.01	NO	47.76	0.964	5.38e6	1.03e6	392	-2.1	1.30	dd
6	201125K1_6	1000	1.02	NO	47.78	0.964	1.47e7	1.10e6	1010	0.9	1.34	dd

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Compound name: PCB-177

Response Factor: 1.14129

RRF SD: 0.0993816, Relative SD: 8.70783

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.04	NO	47.95	0.968	2.20e3	8.18e5	0.236	-5.6	1.08	MM
2	201125K1_2	1.00	0.99	NO	47.93	0.967	1.08e4	9.17e5	1.03	3.1	1.18	db
3	201125K1_3	2.50	0.98	NO	47.93	0.967	2.62e4	1.02e6	2.25	-9.8	1.03	db
4	201125K1_4	50.0	1.01	NO	47.93	0.967	6.11e5	9.31e5	57.5	15.0	1.31	db
5	201125K1_5	400	1.00	NO	47.95	0.968	4.78e6	1.03e6	405	1.3	1.16	db
6	201125K1_6	1000	1.03	NO	47.95	0.967	1.20e7	1.10e6	960	-4.0	1.10	db

Compound name: PCB-171

Response Factor: 1.2176

RRF SD: 0.111823, Relative SD: 9.18391

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.05	NO	48.25	0.974	2.76e3	8.18e5	0.277	10.9	1.35	MM
2	201125K1_2	1.00	1.07	NO	48.23	0.974	1.03e4	9.17e5	0.927	-7.3	1.13	bd
3	201125K1_3	2.50	1.09	NO	48.23	0.974	2.74e4	1.02e6	2.21	-11.5	1.08	bd
4	201125K1_4	50.0	1.02	NO	48.23	0.974	6.25e5	9.31e5	55.1	10.2	1.34	bd
5	201125K1_5	400	1.03	NO	48.25	0.974	5.09e6	1.03e6	405	1.2	1.23	bd
6	201125K1_6	1000	1.04	NO	48.25	0.974	1.29e7	1.10e6	966	-3.4	1.18	bd

Compound name: PCB-173

Response Factor: 1.06761

RRF SD: 0.0813238, Relative SD: 7.61737

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.15	NO	48.69	0.983	1.98e3	8.18e5	0.227	-9.2	0.969	MM
2	201125K1_2	1.00	1.05	NO	48.67	0.982	9.72e3	9.17e5	0.993	-0.7	1.06	bb

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Compound name: PCB-173

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.01	NO	48.67	0.982	2.62e4	1.02e6	2.41	-3.5	1.03	db
4	201125K1_4	50.0	1.03	NO	48.67	0.982	5.64e5	9.31e5	56.8	13.5	1.21	db
5	201125K1_5	400	1.04	NO	48.69	0.983	4.50e6	1.03e6	409	2.2	1.09	bb
6	201125K1_6	1000	1.02	NO	48.69	0.982	1.15e7	1.10e6	978	-2.2	1.04	bb

Compound name: PCB-172

Response Factor: 1.2571

RRF SD: 0.0971729, Relative SD: 7.72991

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.06	NO	49.16	0.992	2.66e3	8.18e5	0.259	3.6	1.30	MM
2	201125K1_2	1.00	0.94	NO	49.14	0.992	1.09e4	9.17e5	0.942	-5.8	1.18	bd
3	201125K1_3	2.50	0.99	NO	49.14	0.992	2.86e4	1.02e6	2.24	-10.3	1.13	dd
4	201125K1_4	50.0	1.04	NO	49.14	0.992	6.54e5	9.31e5	55.9	11.8	1.41	dd
5	201125K1_5	400	1.03	NO	49.14	0.992	5.31e6	1.03e6	409	2.2	1.29	MM
6	201125K1_6	1000	1.02	NO	49.16	0.992	1.36e7	1.10e6	984	-1.6	1.24	dd

Compound name: PCB-192

Response Factor: 1.61387

RRF SD: 0.133594, Relative SD: 8.27787

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.18	NO	49.35	0.996	3.48e3	8.18e5	0.264	5.5	1.70	MM
2	201125K1_2	1.00	1.05	NO	49.35	0.996	1.40e4	9.17e5	0.948	-5.2	1.53	dd
3	201125K1_3	2.50	1.00	NO	49.35	0.996	3.61e4	1.02e6	2.20	-12.0	1.42	dd
4	201125K1_4	50.0	1.06	NO	49.33	0.996	8.41e5	9.31e5	55.9	11.8	1.80	dd
5	201125K1_5	400	1.01	NO	49.35	0.996	6.70e6	1.03e6	402	0.5	1.62	MM
6	201125K1_6	1000	1.04	NO	49.35	0.996	1.76e7	1.10e6	994	-0.6	1.60	dd

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Compound name: PCB-180

Response Factor: 1.30127

RRF SD: 0.108671, Relative SD: 8.35116

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	0.95	NO	49.56	1.000	2.90e3	8.18e5	0.273	9.1	1.42	MM
2	201125K1_2	1.00	1.01	NO	49.56	1.000	1.17e4	9.17e5	0.979	-2.1	1.27	dd
3	201125K1_3	2.50	1.04	NO	49.56	1.000	2.90e4	1.02e6	2.19	-12.2	1.14	dd
4	201125K1_4	50.0	1.03	NO	49.56	1.000	6.64e5	9.31e5	54.8	9.6	1.43	dd
5	201125K1_5	400	1.03	NO	49.56	1.000	5.39e6	1.03e6	401	0.3	1.31	MM
6	201125K1_6	1000	1.04	NO	49.58	1.000	1.36e7	1.10e6	954	-4.6	1.24	dd

Compound name: PCB-193

Response Factor: 1.47149

RRF SD: 0.108088, Relative SD: 7.34545

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	0.98	NO	49.78	1.005	3.17e3	8.18e5	0.264	5.4	1.55	bb
2	201125K1_2	1.00	1.04	NO	49.76	1.005	1.32e4	9.17e5	0.977	-2.3	1.44	db
3	201125K1_3	2.50	1.04	NO	49.76	1.005	3.38e4	1.02e6	2.26	-9.6	1.33	dd
4	201125K1_4	50.0	1.05	NO	49.76	1.005	7.63e5	9.31e5	55.6	11.3	1.64	db
5	201125K1_5	400	1.03	NO	49.76	1.005	6.01e6	1.03e6	396	-1.1	1.46	MM
6	201125K1_6	1000	1.04	NO	49.78	1.005	1.56e7	1.10e6	963	-3.7	1.42	db

Compound name: PCB-191

Response Factor: 1.50589

RRF SD: 0.103084, Relative SD: 6.84542

Response type: Internal Std (Ref 205), 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	201125K1_1	0.250	1.10	NO	50.05	1.010	3.16e3	8.18e5	0.257	2.6	1.55	bb
2	201125K1_2	1.00	1.10	NO	50.03	1.010	1.34e4	9.17e5	0.971	-2.9	1.46	bb

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Compound name: PCB-191

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	1.00	NO	50.03	1.010	3.50e4	1.02e6	2.29	-8.4	1.38	db
4	201125K1_4	50.0	1.05	NO	50.03	1.010	7.83e5	9.31e5	55.9	11.7	1.68	bb
5	201125K1_5	400	1.03	NO	50.03	1.010	6.24e6	1.03e6	401	0.3	1.51	bb
6	201125K1_6	1000	1.02	NO	50.05	1.010	1.60e7	1.10e6	968	-3.2	1.46	bb

Compound name: PCB-170

Response Factor: 1.23123
 RRF SD: 0.140921, Relative SD: 11.4455
 Response type: Internal Std (Ref 206), 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	201125K1_1	0.250	1.04	NO	51.22	1.000	2.62e3	7.25e5	0.294	17.4	1.45	MM
2	201125K1_2	1.00	0.97	NO	51.22	1.000	9.44e3	8.58e5	0.893	-10.7	1.10	bd
3	201125K1_3	2.50	1.08	NO	51.22	1.000	2.52e4	9.23e5	2.22	-11.2	1.09	bd
4	201125K1_4	50.0	1.02	NO	51.22	1.000	5.71e5	8.53e5	54.4	8.7	1.34	bd
5	201125K1_5	400	1.04	NO	51.22	1.000	4.55e6	9.09e5	406	1.6	1.25	bd
6	201125K1_6	1000	1.04	NO	51.24	1.000	1.17e7	1.01e6	942	-5.8	1.16	bd

Compound name: PCB-190

Response Factor: 1.60982
 RRF SD: 0.125108, Relative SD: 7.77152
 Response type: Internal Std (Ref 206), 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	201125K1_1	0.250	0.95	NO	51.43	1.004	2.90e3	7.25e5	0.248	-0.7	1.60	MM
2	201125K1_2	1.00	1.06	NO	51.41	1.004	1.38e4	8.58e5	0.996	-0.4	1.60	db
3	201125K1_3	2.50	1.01	NO	51.41	1.004	3.29e4	9.23e5	2.21	-11.5	1.42	db
4	201125K1_4	50.0	1.02	NO	51.41	1.004	7.67e5	8.53e5	55.9	11.8	1.80	db
5	201125K1_5	400	1.04	NO	51.41	1.004	6.10e6	9.09e5	417	4.2	1.68	db
6	201125K1_6	1000	1.00	NO	51.43	1.004	1.57e7	1.01e6	966	-3.4	1.56	db

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Compound name: PCB-189

Response Factor: 1.27206

RRF SD: 0.125093, Relative SD: 9.8339

Response type: Internal Std (Ref 207), 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	201125K1_1	0.250	0.95	NO	52.93	1.000	3.26e3	9.40e5	0.273	9.1	1.39	MM
2	201125K1_2	1.00	0.91	NO	52.93	1.000	1.28e4	1.13e6	0.886	-11.4	1.13	MM
3	201125K1_3	2.50	0.99	NO	52.93	1.000	3.40e4	1.18e6	2.26	-9.7	1.15	bd
4	201125K1_4	50.0	1.04	NO	52.93	1.000	7.70e5	1.07e6	56.4	12.7	1.43	bb
5	201125K1_5	400	1.03	NO	52.93	1.000	6.45e6	1.24e6	409	2.3	1.30	bb
6	201125K1_6	1000	1.03	NO	52.95	1.000	1.65e7	1.34e6	969	-3.1	1.23	bb

Compound name: PCB-202

Response Factor: 0.99452

RRF SD: 0.0985506, Relative SD: 9.90936

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	201125K1_1	0.250	0.90	NO	48.46	1.000	2.84e3	1.06e6	0.269	7.7	1.07	MM
2	201125K1_2	1.00	0.86	NO	48.44	1.000	1.08e4	1.25e6	0.875	-12.5	0.870	bb
3	201125K1_3	2.50	0.90	NO	48.44	1.000	3.16e4	1.40e6	2.27	-9.2	0.903	bb
4	201125K1_4	50.0	0.89	NO	48.44	1.000	7.08e5	1.26e6	56.3	12.6	1.12	bb
5	201125K1_5	400	0.90	NO	48.46	1.000	5.86e6	1.41e6	419	4.7	1.04	bb
6	201125K1_6	1000	0.90	NO	48.46	1.000	1.48e7	1.54e6	967	-3.3	0.962	bb

Compound name: PCB-201

Response Factor: 0.903723

RRF SD: 0.0708146, Relative SD: 7.83588

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	201125K1_1	0.250	0.80	NO	48.95	1.011	2.43e3	1.06e6	0.253	1.2	0.915	MM
2	201125K1_2	1.00	0.82	NO	48.95	1.011	1.07e4	1.25e6	0.953	-4.7	0.861	bd

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: PCB-201

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.93	NO	48.95	1.011	2.92e4	1.40e6	2.31	-7.8	0.833	bd
4	201125K1_4	50.0	0.90	NO	48.95	1.011	6.53e5	1.26e6	57.1	14.3	1.03	bd
5	201125K1_5	400	0.90	NO	48.95	1.010	5.15e6	1.41e6	405	1.2	0.914	bd
6	201125K1_6	1000	0.89	NO	48.97	1.011	1.33e7	1.54e6	958	-4.2	0.866	bd

Compound name: PCB-204

Response Factor: 0.954692
 RRF SD: 0.0868925, Relative SD: 9.10163
 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	201125K1_1	0.250	0.99	NO	49.12	1.014	2.48e3	1.06e6	0.245	-2.0	0.936	MM
2	201125K1_2	1.00	0.89	NO	49.10	1.014	1.10e4	1.25e6	0.924	-7.6	0.882	db
3	201125K1_3	2.50	0.88	NO	49.10	1.014	2.98e4	1.40e6	2.23	-10.9	0.851	db
4	201125K1_4	50.0	0.89	NO	49.10	1.014	6.85e5	1.26e6	56.7	13.4	1.08	db
5	201125K1_5	400	0.91	NO	49.12	1.014	5.77e6	1.41e6	429	7.3	1.02	db
6	201125K1_6	1000	0.90	NO	49.12	1.014	1.46e7	1.54e6	997	-0.3	0.952	db

Compound name: PCB-197

Response Factor: 0.963848
 RRF SD: 0.0913517, Relative SD: 9.47782
 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	201125K1_1	0.250	0.89	NO	49.42	1.020	2.79e3	1.06e6	0.272	9.0	1.05	MM
2	201125K1_2	1.00	0.92	NO	49.42	1.021	1.10e4	1.25e6	0.913	-8.7	0.880	bb
3	201125K1_3	2.50	0.93	NO	49.42	1.021	3.03e4	1.40e6	2.25	-10.1	0.867	bb
4	201125K1_4	50.0	0.90	NO	49.42	1.021	6.87e5	1.26e6	56.4	12.7	1.09	bb
5	201125K1_5	400	0.89	NO	49.42	1.020	5.54e6	1.41e6	408	2.0	0.983	bb
6	201125K1_6	1000	0.89	NO	49.44	1.021	1.41e7	1.54e6	951	-4.9	0.916	bb

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Compound name: PCB-200

Response Factor: 0.911134
 RRF SD: 0.0870136, Relative SD: 9.55004
 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	201125K1_1	0.250	0.98	NO	50.35	1.039	2.56e3	1.06e6	0.265	6.0	0.966	MM
2	201125K1_2	1.00	0.92	NO	50.35	1.040	1.05e4	1.25e6	0.921	-7.9	0.839	bb
3	201125K1_3	2.50	0.95	NO	50.35	1.040	2.84e4	1.40e6	2.23	-11.0	0.811	bb
4	201125K1_4	50.0	0.90	NO	50.35	1.040	6.59e5	1.26e6	57.2	14.4	1.04	bb
5	201125K1_5	400	0.90	NO	50.37	1.040	5.29e6	1.41e6	412	3.1	0.940	bb
6	201125K1_6	1000	0.90	NO	50.37	1.040	1.34e7	1.54e6	954	-4.6	0.870	bb

Compound name: PCB-198

Response Factor: 0.695612
 RRF SD: 0.0481991, Relative SD: 6.92902
 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	201125K1_1	0.250	0.77	NO	51.92	1.072	1.84e3	1.06e6	0.249	-0.4	0.693	MM
2	201125K1_2	1.00	0.95	NO	51.91	1.072	8.40e3	1.25e6	0.970	-3.0	0.675	bd
3	201125K1_3	2.50	0.93	NO	51.91	1.072	2.18e4	1.40e6	2.24	-10.5	0.622	bd
4	201125K1_4	50.0	0.90	NO	51.91	1.072	4.85e5	1.26e6	55.1	10.1	0.766	bd
5	201125K1_5	400	0.89	NO	51.91	1.072	4.08e6	1.41e6	416	4.1	0.724	MM
6	201125K1_6	1000	0.89	NO	51.92	1.072	1.06e7	1.54e6	997	-0.3	0.693	bd

Compound name: PCB-199

Response Factor: 0.70586
 RRF SD: 0.0741888, Relative SD: 10.5104
 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	201125K1_1	0.250	0.93	NO	52.04	1.074	2.05e3	1.06e6	0.274	9.5	0.773	MM
2	201125K1_2	1.00	0.77	NO	52.04	1.075	8.18e3	1.25e6	0.930	-7.0	0.656	db

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Compound name: PCB-199

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	2.50	0.93	NO	52.04	1.075	2.05e4	1.40e6	2.08	-16.8	0.587	db
4	201125K1_4	50.0	0.91	NO	52.04	1.075	4.89e5	1.26e6	54.8	9.7	0.774	db
5	201125K1_5	400	0.90	NO	52.04	1.074	4.21e6	1.41e6	424	6.0	0.748	MM
6	201125K1_6	1000	0.90	NO	52.06	1.075	1.07e7	1.54e6	987	-1.3	0.696	db

Compound name: PCB-196/203

Response Factor: 0.754338

RRF SD: 0.0732794, Relative SD: 9.7144

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	201125K1_1	0.500	0.99	NO	52.34	1.081	4.37e3	1.06e6	0.546	9.1	0.823	MM
2	201125K1_2	2.00	0.84	NO	52.34	1.081	1.69e4	1.25e6	1.80	-10.1	0.678	bb
3	201125K1_3	5.00	0.89	NO	52.34	1.081	4.54e4	1.40e6	4.30	-14.1	0.648	bb
4	201125K1_4	100	0.91	NO	52.34	1.081	1.02e6	1.26e6	107	7.4	0.810	bb
5	201125K1_5	800	0.90	NO	52.34	1.081	8.94e6	1.41e6	841	5.2	0.793	bb
6	201125K1_6	2000	0.90	NO	52.36	1.081	2.37e7	1.54e6	2050	2.5	0.773	bb

Compound name: PCB-195

Response Factor: 0.957294

RRF SD: 0.0838878, Relative SD: 8.76301

Response type: Internal Std (Ref 209), 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	201125K1_1	0.250	0.89	NO	53.63	0.983	2.28e3	9.79e5	0.243	-2.7	0.932	MM
2	201125K1_2	1.00	0.89	NO	53.62	0.983	1.01e4	1.16e6	0.912	-8.8	0.873	bb
3	201125K1_3	2.50	0.87	NO	53.63	0.983	2.88e4	1.21e6	2.49	-0.6	0.952	bd
4	201125K1_4	50.0	0.89	NO	53.62	0.983	6.22e5	1.11e6	58.3	16.6	1.12	bd
5	201125K1_5	400	0.90	NO	53.62	0.983	4.91e6	1.28e6	402	0.4	0.961	bd
6	201125K1_6	1000	0.89	NO	53.63	0.983	1.23e7	1.35e6	951	-4.9	0.911	bd

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Compound name: PCB-194

Response Factor: 1.06072

RRF SD: 0.126126, Relative SD: 11.8905

Response type: Internal Std (Ref 209), 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	201125K1_1	0.250	0.94	NO	54.55	1.000	3.08e3	9.79e5	0.296	18.5	1.26	MM
2	201125K1_2	1.00	0.88	NO	54.52	1.000	1.13e4	1.16e6	0.918	-8.2	0.974	bb
3	201125K1_3	2.50	0.89	NO	54.55	1.000	2.83e4	1.21e6	2.20	-12.0	0.934	bb
4	201125K1_4	50.0	0.89	NO	54.55	1.000	6.50e5	1.11e6	55.0	10.0	1.17	bb
5	201125K1_5	400	0.92	NO	54.54	1.000	5.38e6	1.28e6	397	-0.8	1.05	bb
6	201125K1_6	1000	0.91	NO	54.57	1.000	1.32e7	1.35e6	925	-7.5	0.982	bb

Compound name: PCB-205

Response Factor: 1.2691

RRF SD: 0.10753, Relative SD: 8.47293

Response type: Internal Std (Ref 209), 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	201125K1_1	0.250	0.98	NO	54.83	1.005	3.27e3	9.79e5	0.263	5.2	1.34	MM
2	201125K1_2	1.00	0.88	NO	54.80	1.005	1.38e4	1.16e6	0.934	-6.6	1.19	bb
3	201125K1_3	2.50	0.88	NO	54.81	1.005	3.42e4	1.21e6	2.22	-11.0	1.13	bb
4	201125K1_4	50.0	0.90	NO	54.81	1.005	7.92e5	1.11e6	56.0	12.0	1.42	bb
5	201125K1_5	400	0.89	NO	54.80	1.005	6.72e6	1.28e6	414	3.6	1.32	bb
6	201125K1_6	1000	0.90	NO	54.83	1.005	1.66e7	1.35e6	968	-3.2	1.23	bb

Compound name: PCB-208

Response Factor: 0.860576

RRF SD: 0.0737664, Relative SD: 8.57175

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
1	201125K1_1	0.250	1.49	NO	53.79	1.000	2.49e3	1.14e6	0.253	1.2	0.871	MM
2	201125K1_2	1.00	1.32	NO	53.78	1.000	1.14e4	1.39e6	0.956	-4.4	0.823	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
3	201125K1_3	2.50	1.37	NO	53.78	1.000	3.03e4	1.58e6	2.22	-11.1	0.765	bb
4	201125K1_4	50.0	1.37	NO	53.78	1.000	6.69e5	1.37e6	56.8	13.7	0.978	bb
5	201125K1_5	400	1.36	NO	53.78	1.000	5.48e6	1.52e6	418	4.5	0.899	bb
6	201125K1_6	1000	1.36	NO	53.79	1.000	1.36e7	1.64e6	961	-3.9	0.827	bb

Compound name: PCB-207

Response Factor: 0.849344

RRF SD: 0.101202, Relative SD: 11.9153

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
1	201125K1_1	0.250	1.29	NO	54.13	1.007	2.65e3	1.14e6	0.273	9.0	0.926	MM
2	201125K1_2	1.00	1.40	NO	54.10	1.006	1.05e4	1.39e6	0.891	-10.9	0.757	bb
3	201125K1_3	2.50	1.34	NO	54.11	1.007	2.82e4	1.58e6	2.10	-16.1	0.712	bb
4	201125K1_4	50.0	1.36	NO	54.11	1.007	6.64e5	1.37e6	57.1	14.3	0.971	bb
5	201125K1_5	400	1.36	NO	54.10	1.006	5.50e6	1.52e6	425	6.3	0.903	bb
6	201125K1_6	1000	1.36	NO	54.13	1.007	1.36e7	1.64e6	974	-2.6	0.828	bb

Compound name: PCB-206

Response Factor: 0.95136

RRF SD: 0.10274, Relative SD: 10.7993

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
1	201125K1_1	0.250	1.33	NO	56.09	1.000	2.46e3	9.01e5	0.287	14.7	1.09	MM
2	201125K1_2	1.00	1.34	NO	56.07	1.000	8.43e3	9.86e5	0.898	-10.2	0.855	bb
3	201125K1_3	2.50	1.35	NO	56.09	1.000	2.24e4	1.06e6	2.23	-10.8	0.849	bb
4	201125K1_4	50.0	1.35	NO	56.07	1.000	5.21e5	9.90e5	55.3	10.7	1.05	bb
5	201125K1_5	400	1.37	NO	56.07	1.000	4.31e6	1.12e6	405	1.2	0.963	bb
6	201125K1_6	1000	1.34	NO	56.13	1.000	1.04e7	1.16e6	943	-5.7	0.897	bb

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Compound name: PCB-209

Response Factor: 0.862661
 RRF SD: 0.0997366, Relative SD: 11.5615
 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
1	201125K1_1	0.250	1.15	NO	57.33	1.000	2.55e3	1.01e6	0.292	16.7	1.01	MM
2	201125K1_2	1.00	1.26	NO	57.33	1.000	8.49e3	1.12e6	0.882	-11.8	0.761	bb
3	201125K1_3	2.50	1.22	NO	57.36	1.000	2.47e4	1.29e6	2.22	-11.1	0.767	bb
4	201125K1_4	50.0	1.17	NO	57.33	1.000	5.46e5	1.16e6	54.7	9.5	0.945	bb
5	201125K1_5	400	1.20	NO	57.32	1.000	4.42e6	1.25e6	409	2.3	0.882	bb
6	201125K1_6	1000	1.18	NO	57.35	1.000	1.15e7	1.41e6	945	-5.5	0.815	bb

Compound name: 13C-PCB-1

Response Factor: 0.937053
 RRF SD: 0.0505934, Relative SD: 5.39921
 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
1	201125K1_1	100	3.20	NO	15.42	0.608	2.97e6	3.24e6	97.8	-2.2	0.916	bb
2	201125K1_2	100	3.19	NO	15.42	0.608	3.25e6	3.50e6	99.0	-1.0	0.928	bb
3	201125K1_3	100	3.27	NO	15.42	0.608	3.65e6	3.65e6	107	6.8	1.00	bb
4	201125K1_4	100	3.21	NO	15.42	0.608	3.34e6	3.44e6	104	3.8	0.973	bb
5	201125K1_5	100	3.22	NO	15.41	0.607	3.47e6	3.65e6	101	1.3	0.950	bb
6	201125K1_6	100	3.18	NO	15.44	0.608	3.27e6	3.83e6	91.3	-8.7	0.855	bb

Compound name: 13C-PCB-3

Response Factor: 0.933629
 RRF SD: 0.0366464, Relative SD: 3.92516
 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
1	201125K1_1	100	3.19	NO	18.04	0.711	2.95e6	3.24e6	97.5	-2.5	0.911	bb
2	201125K1_2	100	3.15	NO	18.04	0.711	3.20e6	3.50e6	97.8	-2.2	0.913	bb

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Compound name: 13C-PCB-3

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	3.17	NO	18.04	0.711	3.59e6	3.65e6	106	5.6	0.986	bb
4	201125K1_4	100	3.20	NO	18.04	0.711	3.30e6	3.44e6	103	2.8	0.959	bb
5	201125K1_5	100	3.16	NO	18.04	0.711	3.46e6	3.65e6	101	1.4	0.947	bb
6	201125K1_6	100	3.15	NO	18.07	0.711	3.39e6	3.83e6	95.0	-5.0	0.887	bb

Compound name: 13C-PCB-4

Response Factor: 0.599302
 RRF SD: 0.0221993, Relative SD: 3.7042
 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
1	201125K1_1	100	1.61	NO	19.40	0.765	1.93e6	3.24e6	99.6	-0.4	0.597	bb
2	201125K1_2	100	1.61	NO	19.40	0.765	2.09e6	3.50e6	99.4	-0.6	0.596	bb
3	201125K1_3	100	1.61	NO	19.40	0.765	2.30e6	3.65e6	105	5.3	0.631	bb
4	201125K1_4	100	1.59	NO	19.40	0.765	2.10e6	3.44e6	102	1.8	0.610	bb
5	201125K1_5	100	1.60	NO	19.39	0.764	2.19e6	3.65e6	100	0.1	0.600	bb
6	201125K1_6	100	1.63	NO	19.42	0.765	2.15e6	3.83e6	93.9	-6.1	0.563	bb

Compound name: 13C-PCB-9

Response Factor: 0.959668
 RRF SD: 0.0341837, Relative SD: 3.56204
 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
1	201125K1_1	100	1.59	NO	21.21	0.836	3.09e6	3.24e6	99.4	-0.6	0.954	bb
2	201125K1_2	100	1.58	NO	21.21	0.836	3.35e6	3.50e6	99.6	-0.4	0.956	bb
3	201125K1_3	100	1.58	NO	21.21	0.836	3.70e6	3.65e6	106	5.9	1.02	bb
4	201125K1_4	100	1.59	NO	21.21	0.836	3.30e6	3.44e6	100	0.1	0.960	bb
5	201125K1_5	100	1.58	NO	21.20	0.836	3.52e6	3.65e6	100	0.4	0.963	bb
6	201125K1_6	100	1.59	NO	21.23	0.836	3.48e6	3.83e6	94.7	-5.3	0.908	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-11

Response Factor: 0.92918

RRF SD: 0.0274692, Relative SD: 2.95629

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
1 201125K1_1	100	1.59	NO	24.66	0.972	2.98e6	3.24e6	99.2	-0.8	0.921	bb
2 201125K1_2	100	1.59	NO	24.65	0.971	3.27e6	3.50e6	100	0.3	0.932	bb
3 201125K1_3	100	1.59	NO	24.65	0.971	3.57e6	3.65e6	105	5.4	0.979	bb
4 201125K1_4	100	1.57	NO	24.66	0.972	3.17e6	3.44e6	99.1	-0.9	0.921	bb
5 201125K1_5	100	1.60	NO	24.65	0.971	3.38e6	3.65e6	99.5	-0.5	0.925	bb
6 201125K1_6	100	1.57	NO	24.67	0.972	3.43e6	3.83e6	96.4	-3.6	0.896	bb

Compound name: 13C-PCB-19

Response Factor: 0.506448

RRF SD: 0.0212462, Relative SD: 4.19513

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
1 201125K1_1	100	1.05	NO	23.62	0.931	1.59e6	3.24e6	97.0	-3.0	0.491	bb
2 201125K1_2	100	1.04	NO	23.61	0.930	1.76e6	3.50e6	99.4	-0.6	0.504	bb
3 201125K1_3	100	1.04	NO	23.62	0.931	1.98e6	3.65e6	107	7.0	0.542	bb
4 201125K1_4	100	1.03	NO	23.62	0.931	1.75e6	3.44e6	101	0.8	0.510	bb
5 201125K1_5	100	1.04	NO	23.62	0.931	1.87e6	3.65e6	101	1.0	0.512	bb
6 201125K1_6	100	1.05	NO	23.63	0.930	1.84e6	3.83e6	94.7	-5.3	0.480	bb

Compound name: 13C-PCB-32

Response Factor: 0.737965

RRF SD: 0.0285725, Relative SD: 3.8718

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
1 201125K1_1	100	1.05	NO	26.61	1.049	2.30e6	3.24e6	96.2	-3.8	0.710	bb
2 201125K1_2	100	1.05	NO	26.60	1.048	2.54e6	3.50e6	98.4	-1.6	0.726	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-32

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	1.04	NO	26.60	1.048	2.88e6	3.65e6	107	6.9	0.789	bb
4	201125K1_4	100	1.05	NO	26.60	1.048	2.56e6	3.44e6	101	0.8	0.744	bb
5	201125K1_5	100	1.05	NO	26.60	1.048	2.71e6	3.65e6	101	0.7	0.743	bb
6	201125K1_6	100	1.05	NO	26.62	1.048	2.74e6	3.83e6	96.9	-3.1	0.715	bb

Compound name: 13C-PCB-28

Response Factor: 1.05953

RRF SD: 0.0309293, Relative SD: 2.91916

Response type: Internal Std (Ref 214), 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	201125K1_1	100	1.05	NO	28.61	1.004	2.83e6	2.59e6	103	3.2	1.09	db
2	201125K1_2	100	1.05	NO	28.61	1.004	3.00e6	2.97e6	95.5	-4.5	1.01	db
3	201125K1_3	100	1.03	NO	28.61	1.004	3.35e6	3.08e6	103	2.6	1.09	db
4	201125K1_4	100	1.05	NO	28.61	1.004	2.99e6	2.82e6	100	0.1	1.06	db
5	201125K1_5	100	1.04	NO	28.61	1.004	3.18e6	2.98e6	101	0.7	1.07	db
6	201125K1_6	100	1.06	NO	28.63	1.004	3.23e6	3.12e6	97.8	-2.2	1.04	db

Compound name: 13C-PCB-37

Response Factor: 0.978788

RRF SD: 0.0260808, Relative SD: 2.6646

Response type: Internal Std (Ref 214), 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	201125K1_1	100	1.04	NO	32.61	1.144	2.52e6	2.59e6	99.4	-0.6	0.973	bb
2	201125K1_2	100	1.04	NO	32.60	1.144	2.78e6	2.97e6	95.7	-4.3	0.936	bb
3	201125K1_3	100	1.05	NO	32.59	1.144	3.12e6	3.08e6	103	3.5	1.01	bb
4	201125K1_4	100	1.07	NO	32.59	1.144	2.75e6	2.82e6	99.7	-0.3	0.976	bb
5	201125K1_5	100	1.06	NO	32.59	1.144	2.98e6	2.98e6	102	2.1	0.999	bb
6	201125K1_6	100	1.05	NO	32.61	1.144	3.04e6	3.12e6	99.6	-0.4	0.975	bb

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Compound name: 13C-PCB-54

Response Factor: 0.98117

RRF SD: 0.061457, Relative SD: 6.26365

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
1	201125K1_1	100	0.79	NO	27.46	0.752	1.95e6	2.00e6	99.1	-0.9	0.973	bb
2	201125K1_2	100	0.79	NO	27.46	0.752	2.18e6	2.22e6	100	0.3	0.984	bb
3	201125K1_3	100	0.79	NO	27.46	0.752	2.44e6	2.24e6	111	11.0	1.09	bb
4	201125K1_4	100	0.79	NO	27.46	0.752	2.18e6	2.23e6	99.3	-0.7	0.975	bb
5	201125K1_5	100	0.79	NO	27.46	0.752	2.30e6	2.37e6	98.7	-1.3	0.968	bb
6	201125K1_6	100	0.81	NO	27.48	0.752	2.31e6	2.58e6	91.5	-8.5	0.898	bb

Compound name: 13C-PCB-52

Response Factor: 0.786428

RRF SD: 0.0515253, Relative SD: 6.55181

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
1	201125K1_1	100	0.79	NO	31.11	0.852	1.56e6	2.00e6	99.0	-1.0	0.779	bb
2	201125K1_2	100	0.77	NO	31.11	0.852	1.74e6	2.22e6	100	-0.0	0.786	bd
3	201125K1_3	100	0.76	NO	31.11	0.852	1.97e6	2.24e6	112	11.8	0.879	bb
4	201125K1_4	100	0.81	NO	31.11	0.852	1.75e6	2.23e6	99.9	-0.1	0.786	bd
5	201125K1_5	100	0.78	NO	31.11	0.852	1.82e6	2.37e6	97.6	-2.4	0.767	bb
6	201125K1_6	100	0.79	NO	31.12	0.852	1.86e6	2.58e6	91.7	-8.3	0.721	bd

Compound name: 13C-PCB-47

Response Factor: 0.832807

RRF SD: 0.0425999, Relative SD: 5.11522

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
1	201125K1_1	100	0.80	NO	31.63	0.866	1.64e6	2.00e6	98.2	-1.8	0.818	bb
2	201125K1_2	100	0.78	NO	31.61	0.865	1.86e6	2.22e6	101	0.7	0.838	bb

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Compound name: 13C-PCB-47

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	0.80	NO	31.61	0.865	2.04e6	2.24e6	109	9.3	0.910	bb
4	201125K1_4	100	0.78	NO	31.63	0.866	1.85e6	2.23e6	99.7	-0.3	0.830	bb
5	201125K1_5	100	0.78	NO	31.63	0.866	1.94e6	2.37e6	98.4	-1.6	0.819	bb
6	201125K1_6	100	0.78	NO	31.65	0.866	2.01e6	2.58e6	93.8	-6.2	0.781	bb

Compound name: 13C-PCB-70

Response Factor: 0.981197

RRF SD: 0.05236, Relative SD: 5.33634

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
1	201125K1_1	100	0.78	NO	35.26	0.965	1.92e6	2.00e6	97.6	-2.4	0.958	bb
2	201125K1_2	100	0.81	NO	35.24	0.965	2.14e6	2.22e6	98.6	-1.4	0.967	bb
3	201125K1_3	100	0.80	NO	35.24	0.965	2.43e6	2.24e6	111	10.6	1.08	bb
4	201125K1_4	100	0.79	NO	35.24	0.965	2.17e6	2.23e6	99.2	-0.8	0.973	bb
5	201125K1_5	100	0.80	NO	35.26	0.965	2.30e6	2.37e6	98.6	-1.4	0.967	bb
6	201125K1_6	100	0.81	NO	35.26	0.965	2.41e6	2.58e6	95.5	-4.5	0.937	bb

Compound name: 13C-PCB-80

Response Factor: 1.01385

RRF SD: 0.038379, Relative SD: 3.78548

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
1	201125K1_1	100	0.79	NO	35.68	0.977	1.97e6	2.00e6	97.2	-2.8	0.985	bb
2	201125K1_2	100	0.79	NO	35.68	0.977	2.19e6	2.22e6	97.6	-2.4	0.990	bb
3	201125K1_3	100	0.81	NO	35.68	0.977	2.43e6	2.24e6	107	7.3	1.09	bb
4	201125K1_4	100	0.80	NO	35.68	0.977	2.26e6	2.23e6	99.7	-0.3	1.01	bb
5	201125K1_5	100	0.80	NO	35.68	0.977	2.42e6	2.37e6	100	0.4	1.02	bb
6	201125K1_6	100	0.79	NO	35.70	0.977	2.55e6	2.58e6	97.7	-2.3	0.991	bb

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Compound name: 13C-PCB-81

Response Factor: 0.994918

RRF SD: 0.0342779, Relative SD: 3.4453

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
1	201125K1_1	100	0.79	NO	38.88	1.065	1.93e6	2.00e6	96.6	-3.4	0.961	dd
2	201125K1_2	100	0.78	NO	38.88	1.065	2.18e6	2.22e6	98.9	-1.1	0.984	bb
3	201125K1_3	100	0.78	NO	38.88	1.065	2.37e6	2.24e6	107	6.6	1.06	bb
4	201125K1_4	100	0.78	NO	38.88	1.065	2.18e6	2.23e6	98.4	-1.6	0.979	bd
5	201125K1_5	100	0.81	NO	38.88	1.065	2.34e6	2.37e6	99.0	-1.0	0.985	bd
6	201125K1_6	100	0.80	NO	38.90	1.065	2.57e6	2.58e6	100	0.5	1.00	bd

Compound name: 13C-PCB-77

Response Factor: 0.976833

RRF SD: 0.0413891, Relative SD: 4.23707

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
1	201125K1_1	100	0.79	NO	39.50	1.082	1.87e6	2.00e6	95.6	-4.4	0.934	bb
2	201125K1_2	100	0.78	NO	39.50	1.082	2.12e6	2.22e6	97.9	-2.1	0.957	bb
3	201125K1_3	100	0.78	NO	39.50	1.082	2.33e6	2.24e6	106	6.4	1.04	bb
4	201125K1_4	100	0.80	NO	39.50	1.082	2.09e6	2.23e6	96.0	-4.0	0.937	bb
5	201125K1_5	100	0.79	NO	39.50	1.082	2.36e6	2.37e6	102	1.7	0.994	bb
6	201125K1_6	100	0.80	NO	39.52	1.082	2.58e6	2.58e6	102	2.4	1.00	bb

Compound name: 13C-PCB-104

Response Factor: 1.00439

RRF SD: 0.0835399, Relative SD: 8.3175

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
1	201125K1_1	100	1.58	NO	32.30	0.826	1.54e6	1.54e6	100	0.1	1.00	bb
2	201125K1_2	100	1.61	NO	32.30	0.826	1.79e6	1.70e6	105	4.8	1.05	bb

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Compound name: 13C-PCB-104

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	1.58	NO	32.28	0.826	1.98e6	1.78e6	110	10.5	1.11	bb
4	201125K1_4	100	1.59	NO	32.30	0.826	1.80e6	1.74e6	103	3.3	1.04	bb
5	201125K1_5	100	1.59	NO	32.30	0.826	1.87e6	1.97e6	94.5	-5.5	0.950	bb
6	201125K1_6	100	1.57	NO	32.31	0.826	1.89e6	2.16e6	86.9	-13.1	0.872	bb

Compound name: 13C-PCB-95

Response Factor: 0.779195
 RRF SD: 0.0426369, Relative SD: 5.47192
 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
1	201125K1_1	100	1.60	NO	35.55	0.909	1.18e6	1.54e6	98.9	-1.1	0.771	bb
2	201125K1_2	100	1.59	NO	35.55	0.910	1.35e6	1.70e6	102	2.3	0.797	bb
3	201125K1_3	100	1.60	NO	35.55	0.910	1.50e6	1.78e6	108	7.7	0.839	bb
4	201125K1_4	100	1.58	NO	35.55	0.910	1.39e6	1.74e6	102	2.4	0.798	bb
5	201125K1_5	100	1.58	NO	35.55	0.910	1.49e6	1.97e6	97.2	-2.8	0.757	bb
6	201125K1_6	100	1.61	NO	35.57	0.910	1.54e6	2.16e6	91.6	-8.4	0.714	bb

Compound name: 13C-PCB-101

Response Factor: 0.83281
 RRF SD: 0.0388395, Relative SD: 4.66367
 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
1	201125K1_1	100	1.61	NO	37.30	0.954	1.26e6	1.54e6	98.8	-1.2	0.823	bb
2	201125K1_2	100	1.60	NO	37.30	0.954	1.46e6	1.70e6	103	3.1	0.858	bb
3	201125K1_3	100	1.60	NO	37.30	0.954	1.59e6	1.78e6	107	6.9	0.890	bb
4	201125K1_4	100	1.61	NO	37.30	0.954	1.46e6	1.74e6	101	0.7	0.838	bb
5	201125K1_5	100	1.59	NO	37.30	0.954	1.59e6	1.97e6	97.1	-2.9	0.809	bb
6	201125K1_6	100	1.60	NO	37.32	0.954	1.69e6	2.16e6	93.5	-6.5	0.779	bb

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Compound name: 13C-PCB-97

Response Factor: 0.679085

RRF SD: 0.0315288, Relative SD: 4.64284

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
1 201125K1_1	100	1.62	NO	38.64	0.988	1.02e6	1.54e6	98.0	-2.0	0.665	bb
2 201125K1_2	100	1.61	NO	38.64	0.989	1.20e6	1.70e6	104	3.6	0.704	bb
3 201125K1_3	100	1.67	NO	38.64	0.989	1.30e6	1.78e6	107	7.0	0.727	bb
4 201125K1_4	100	1.59	NO	38.64	0.989	1.18e6	1.74e6	99.6	-0.4	0.676	bb
5 201125K1_5	100	1.60	NO	38.64	0.989	1.31e6	1.97e6	97.9	-2.1	0.665	bb
6 201125K1_6	100	1.61	NO	38.66	0.989	1.38e6	2.16e6	94.0	-6.0	0.638	bb

Compound name: 13C-PCB-123

Response Factor: 0.970059

RRF SD: 0.0431045, Relative SD: 4.44349

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
1 201125K1_1	100	1.59	NO	41.30	1.056	1.49e6	1.54e6	99.9	-0.1	0.969	bd
2 201125K1_2	100	1.63	NO	41.28	1.056	1.73e6	1.70e6	105	4.9	1.02	dd
3 201125K1_3	100	1.57	NO	41.28	1.056	1.81e6	1.78e6	105	4.8	1.02	dd
4 201125K1_4	100	1.60	NO	41.28	1.056	1.69e6	1.74e6	100	0.5	0.975	bd
5 201125K1_5	100	1.60	NO	41.28	1.056	1.83e6	1.97e6	95.9	-4.1	0.930	bd
6 201125K1_6	100	1.55	NO	41.30	1.056	1.98e6	2.16e6	94.1	-5.9	0.913	bd

Compound name: 13C-PCB-118

Response Factor: 1.00101

RRF SD: 0.0258967, Relative SD: 2.58705

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
1 201125K1_1	100	1.61	NO	41.49	1.061	1.47e6	1.54e6	95.6	-4.4	0.957	db
2 201125K1_2	100	1.61	NO	41.47	1.061	1.72e6	1.70e6	101	1.2	1.01	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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
3	201125K1_3	100	1.57	NO	41.47	1.061	1.84e6	1.78e6	103	3.1	1.03	db
4	201125K1_4	100	1.61	NO	41.47	1.061	1.72e6	1.74e6	98.7	-1.3	0.988	db
5	201125K1_5	100	1.57	NO	41.47	1.061	1.98e6	1.97e6	100	0.4	1.00	db
6	201125K1_6	100	1.60	NO	41.49	1.061	2.19e6	2.16e6	101	1.1	1.01	db

Compound name: 13C-PCB-114

Response Factor: 1.54758
 RRF SD: 0.0382101, Relative SD: 2.46903
 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
1	201125K1_1	100	1.58	NO	42.17	0.908	1.68e6	1.09e6	99.9	-0.1	1.55	bb
2	201125K1_2	100	1.59	NO	42.15	0.907	1.94e6	1.26e6	99.3	-0.7	1.54	bb
3	201125K1_3	100	1.58	NO	42.15	0.907	2.05e6	1.27e6	105	4.7	1.62	bb
4	201125K1_4	100	1.61	NO	42.15	0.907	1.86e6	1.23e6	97.3	-2.7	1.51	bd
5	201125K1_5	100	1.58	NO	42.15	0.907	2.05e6	1.34e6	99.3	-0.7	1.54	bb
6	201125K1_6	100	1.57	NO	42.17	0.908	2.23e6	1.45e6	99.6	-0.4	1.54	bb

Compound name: 13C-PCB-105

Response Factor: 1.59216
 RRF SD: 0.0573023, Relative SD: 3.59902
 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
1	201125K1_1	100	1.59	NO	43.06	0.927	1.79e6	1.09e6	103	3.3	1.65	bb
2	201125K1_2	100	1.60	NO	43.04	0.927	1.95e6	1.26e6	97.1	-2.9	1.55	dd
3	201125K1_3	100	1.61	NO	43.04	0.927	2.12e6	1.27e6	105	5.2	1.67	bd
4	201125K1_4	100	1.55	NO	43.04	0.927	1.88e6	1.23e6	95.9	-4.1	1.53	bd
5	201125K1_5	100	1.63	NO	43.04	0.927	2.10e6	1.34e6	98.7	-1.3	1.57	bd
6	201125K1_6	100	1.58	NO	43.06	0.927	2.30e6	1.45e6	99.9	-0.1	1.59	bd

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-127

Response Factor: 1.65806

RRF SD: 0.0569631, Relative SD: 3.43554

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
1	201125K1_1	100	1.59	NO	43.40	0.934	1.85e6	1.09e6	103	2.9	1.71	bb
2	201125K1_2	100	1.58	NO	43.40	0.934	2.02e6	1.26e6	96.5	-3.5	1.60	db
3	201125K1_3	100	1.60	NO	43.40	0.934	2.21e6	1.27e6	105	5.3	1.75	db
4	201125K1_4	100	1.59	NO	43.40	0.934	2.04e6	1.23e6	99.5	-0.5	1.65	bb
5	201125K1_5	100	1.59	NO	43.40	0.934	2.18e6	1.34e6	98.4	-1.6	1.63	bb
6	201125K1_6	100	1.57	NO	43.42	0.934	2.33e6	1.45e6	97.3	-2.7	1.61	db

Compound name: 13C-PCB-126

Response Factor: 1.64515

RRF SD: 0.113562, Relative SD: 6.90284

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
1	201125K1_1	100	1.57	NO	45.37	0.977	1.64e6	1.09e6	91.5	-8.5	1.51	bb
2	201125K1_2	100	1.57	NO	45.35	0.976	2.19e6	1.26e6	105	5.3	1.73	bb
3	201125K1_3	100	1.59	NO	45.35	0.976	2.30e6	1.27e6	110	10.0	1.81	bb
4	201125K1_4	100	1.56	NO	45.35	0.976	2.06e6	1.23e6	102	1.6	1.67	bb
5	201125K1_5	100	1.59	NO	45.35	0.976	2.10e6	1.34e6	95.6	-4.4	1.57	bb
6	201125K1_6	100	1.57	NO	45.37	0.976	2.28e6	1.45e6	96.0	-4.0	1.58	bb

Compound name: 13C-PCB-155

Response Factor: 0.819205

RRF SD: 0.0583422, Relative SD: 7.12181

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
1	201125K1_1	100	1.33	NO	36.84	0.942	1.22e6	1.54e6	97.3	-2.7	0.797	bd
2	201125K1_2	100	1.30	NO	36.82	0.942	1.44e6	1.70e6	103	3.1	0.845	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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
3	201125K1_3	100	1.28	NO	36.82	0.942	1.61e6	1.78e6	110	10.4	0.905	bb
4	201125K1_4	100	1.26	NO	36.82	0.942	1.47e6	1.74e6	103	3.1	0.844	bb
5	201125K1_5	100	1.26	NO	36.82	0.942	1.55e6	1.97e6	96.2	-3.8	0.788	bb
6	201125K1_6	100	1.26	NO	36.84	0.942	1.59e6	2.16e6	89.8	-10.2	0.736	bb

Compound name: 13C-PCB-153

Response Factor: 1.3128

RRF SD: 0.0601607, Relative SD: 4.58262

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
1	201125K1_1	100	1.25	NO	43.23	0.931	1.49e6	1.09e6	104	4.4	1.37	bb
2	201125K1_2	100	1.26	NO	43.21	0.930	1.61e6	1.26e6	97.4	-2.6	1.28	bb
3	201125K1_3	100	1.24	NO	43.21	0.930	1.77e6	1.27e6	106	6.1	1.39	bb
4	201125K1_4	100	1.26	NO	43.21	0.930	1.60e6	1.23e6	98.7	-1.3	1.30	bb
5	201125K1_5	100	1.25	NO	43.21	0.930	1.75e6	1.34e6	99.7	-0.3	1.31	bb
6	201125K1_6	100	1.24	NO	43.23	0.930	1.78e6	1.45e6	93.7	-6.3	1.23	bb

Compound name: 13C-PCB-141

Response Factor: 1.08374

RRF SD: 0.0488281, Relative SD: 4.50553

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
1	201125K1_1	100	1.27	NO	43.99	0.947	1.18e6	1.09e6	100	0.4	1.09	bb
2	201125K1_2	100	1.25	NO	43.97	0.947	1.35e6	1.26e6	98.6	-1.4	1.07	bb
3	201125K1_3	100	1.30	NO	43.97	0.947	1.47e6	1.27e6	107	7.2	1.16	bb
4	201125K1_4	100	1.24	NO	43.97	0.947	1.36e6	1.23e6	102	1.8	1.10	bb
5	201125K1_5	100	1.25	NO	43.99	0.947	1.43e6	1.34e6	98.4	-1.6	1.07	bb
6	201125K1_6	100	1.24	NO	43.99	0.947	1.47e6	1.45e6	93.6	-6.4	1.01	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-138

Response Factor: 1.15246

RRF SD: 0.0246767, Relative SD: 2.14121

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
1	201125K1_1	100	1.26	NO	44.86	0.966	1.23e6	1.09e6	98.5	-1.5	1.14	bb
2	201125K1_2	100	1.26	NO	44.84	0.965	1.45e6	1.26e6	99.8	-0.2	1.15	bb
3	201125K1_3	100	1.24	NO	44.84	0.965	1.52e6	1.27e6	104	3.7	1.20	bb
4	201125K1_4	100	1.25	NO	44.84	0.965	1.41e6	1.23e6	99.0	-1.0	1.14	bb
5	201125K1_5	100	1.25	NO	44.84	0.965	1.56e6	1.34e6	101	1.2	1.17	bb
6	201125K1_6	100	1.26	NO	44.86	0.965	1.63e6	1.45e6	97.9	-2.1	1.13	bb

Compound name: 13C-PCB-159

Response Factor: 1.39384

RRF SD: 0.0504761, Relative SD: 3.62136

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
1	201125K1_1	100	1.25	NO	46.18	0.994	1.44e6	1.09e6	95.2	-4.8	1.33	bd
2	201125K1_2	100	1.27	NO	46.17	0.994	1.77e6	1.26e6	101	0.8	1.40	bd
3	201125K1_3	100	1.24	NO	46.17	0.994	1.88e6	1.27e6	106	6.3	1.48	bd
4	201125K1_4	100	1.26	NO	46.17	0.994	1.71e6	1.23e6	99.6	-0.4	1.39	bd
5	201125K1_5	100	1.28	NO	46.18	0.994	1.85e6	1.34e6	99.4	-0.6	1.39	bd
6	201125K1_6	100	1.26	NO	46.18	0.994	1.99e6	1.45e6	98.7	-1.3	1.38	bd

Compound name: 13C-PCB-167

Response Factor: 1.4261

RRF SD: 0.0506788, Relative SD: 3.55367

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
1	201125K1_1	100	1.26	NO	46.88	1.009	1.49e6	1.09e6	96.2	-3.8	1.37	bb
2	201125K1_2	100	1.25	NO	46.87	1.009	1.80e6	1.26e6	100	0.1	1.43	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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
3	201125K1_3	100	1.26	NO	46.87	1.009	1.93e6	1.27e6	107	6.6	1.52	bb
4	201125K1_4	100	1.24	NO	46.87	1.009	1.76e6	1.23e6	99.9	-0.1	1.43	bb
5	201125K1_5	100	1.25	NO	46.88	1.009	1.89e6	1.34e6	99.2	-0.8	1.41	bb
6	201125K1_6	100	1.24	NO	46.88	1.009	2.02e6	1.45e6	97.9	-2.1	1.40	bb

Compound name: 13C-PCB-156

Response Factor: 1.33903

RRF SD: 0.0482579, Relative SD: 3.60394

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
1	201125K1_1	100	1.27	NO	48.21	1.038	1.38e6	1.09e6	94.9	-5.1	1.27	bb
2	201125K1_2	100	1.23	NO	48.21	1.038	1.66e6	1.26e6	98.2	-1.8	1.32	bb
3	201125K1_3	100	1.29	NO	48.21	1.038	1.79e6	1.27e6	106	5.7	1.42	bb
4	201125K1_4	100	1.25	NO	48.19	1.038	1.64e6	1.23e6	99.3	-0.7	1.33	bb
5	201125K1_5	100	1.26	NO	48.21	1.038	1.79e6	1.34e6	100	0.2	1.34	bd
6	201125K1_6	100	1.27	NO	48.23	1.038	1.97e6	1.45e6	102	1.6	1.36	bb

Compound name: 13C-PCB-157

Response Factor: 1.35902

RRF SD: 0.050097, Relative SD: 3.68626

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
1	201125K1_1	100	1.23	NO	48.50	1.044	1.39e6	1.09e6	94.3	-5.7	1.28	bb
2	201125K1_2	100	1.27	NO	48.48	1.044	1.70e6	1.26e6	98.9	-1.1	1.34	bb
3	201125K1_3	100	1.26	NO	48.48	1.044	1.81e6	1.27e6	105	5.3	1.43	bb
4	201125K1_4	100	1.27	NO	48.48	1.044	1.66e6	1.23e6	98.8	-1.2	1.34	bb
5	201125K1_5	100	1.27	NO	48.50	1.044	1.83e6	1.34e6	101	0.5	1.37	db
6	201125K1_6	100	1.25	NO	48.50	1.044	2.01e6	1.45e6	102	2.2	1.39	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-169

Response Factor: 1.33191

RRF SD: 0.0409131, Relative SD: 3.07175

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
1 201125K1_1	100	1.26	NO	50.77	1.093	1.40e6	1.09e6	96.7	-3.3	1.29	bb
2 201125K1_2	100	1.26	NO	50.75	1.093	1.68e6	1.26e6	99.8	-0.2	1.33	bb
3 201125K1_3	100	1.27	NO	50.77	1.093	1.78e6	1.27e6	105	5.5	1.40	bb
4 201125K1_4	100	1.29	NO	50.75	1.093	1.63e6	1.23e6	99.0	-1.0	1.32	bb
5 201125K1_5	100	1.22	NO	50.77	1.093	1.74e6	1.34e6	98.0	-2.0	1.31	bb
6 201125K1_6	100	1.26	NO	50.77	1.093	1.95e6	1.45e6	101	1.1	1.35	bb

Compound name: 13C-PCB-188

Response Factor: 1.38996

RRF SD: 0.0377155, Relative SD: 2.71342

Response type: Internal Std (Ref 218), 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 201125K1_1	100	0.46	NO	42.83	0.925	1.26e6	8.77e5	103	3.0	1.43	bb
2 201125K1_2	100	0.45	NO	42.83	0.926	1.42e6	1.02e6	100	0.4	1.40	bb
3 201125K1_3	100	0.45	NO	42.83	0.926	1.52e6	1.06e6	103	3.0	1.43	bb
4 201125K1_4	100	0.46	NO	42.83	0.925	1.41e6	1.03e6	98.0	-2.0	1.36	bb
5 201125K1_5	100	0.46	NO	42.83	0.925	1.61e6	1.17e6	99.4	-0.6	1.38	bb
6 201125K1_6	100	0.46	NO	42.85	0.926	1.71e6	1.28e6	96.2	-3.8	1.34	bb

Compound name: 13C-PCB-180

Response Factor: 0.906631

RRF SD: 0.0351626, Relative SD: 3.87838

Response type: Internal Std (Ref 218), 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 201125K1_1	100	0.47	NO	49.54	1.070	8.18e5	8.77e5	103	2.9	0.932	bd
2 201125K1_2	100	0.46	NO	49.54	1.071	9.17e5	1.02e6	99.5	-0.5	0.902	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-180

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	0.45	NO	49.54	1.071	1.02e6	1.06e6	106	5.8	0.959	bb
4	201125K1_4	100	0.45	NO	49.54	1.070	9.31e5	1.03e6	99.5	-0.5	0.902	bd
5	201125K1_5	100	0.46	NO	49.54	1.070	1.03e6	1.17e6	97.7	-2.3	0.886	bd
6	201125K1_6	100	0.46	NO	49.56	1.071	1.10e6	1.28e6	94.7	-5.3	0.858	bd

Compound name: 13C-PCB-170

Response Factor: 0.822577
 RRF SD: 0.0342242, Relative SD: 4.16061
 Response type: Internal Std (Ref 218), 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	201125K1_1	100	0.45	NO	51.21	1.106	7.25e5	8.77e5	100	0.5	0.827	bb
2	201125K1_2	100	0.45	NO	51.21	1.107	8.58e5	1.02e6	103	2.6	0.844	bb
3	201125K1_3	100	0.46	NO	51.21	1.107	9.23e5	1.06e6	106	5.9	0.871	bb
4	201125K1_4	100	0.44	NO	51.21	1.106	8.53e5	1.03e6	100	0.4	0.826	bb
5	201125K1_5	100	0.45	NO	51.21	1.106	9.09e5	1.17e6	94.9	-5.1	0.780	bb
6	201125K1_6	100	0.46	NO	51.22	1.107	1.01e6	1.28e6	95.7	-4.3	0.788	bb

Compound name: 13C-PCB-189

Response Factor: 1.07577
 RRF SD: 0.0329942, Relative SD: 3.06704
 Response type: Internal Std (Ref 218), 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	201125K1_1	100	0.46	NO	52.91	1.143	9.40e5	8.77e5	99.6	-0.4	1.07	bb
2	201125K1_2	100	0.45	NO	52.91	1.144	1.13e6	1.02e6	104	3.8	1.12	bb
3	201125K1_3	100	0.45	NO	52.91	1.144	1.18e6	1.06e6	104	3.7	1.12	bb
4	201125K1_4	100	0.46	NO	52.91	1.143	1.07e6	1.03e6	96.7	-3.3	1.04	bb
5	201125K1_5	100	0.47	NO	52.91	1.143	1.24e6	1.17e6	98.9	-1.1	1.06	bb
6	201125K1_6	100	0.46	NO	52.93	1.144	1.34e6	1.28e6	97.4	-2.6	1.05	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-202

Response Factor: 1.23171

RRF SD: 0.0446575, Relative SD: 3.62564

Response type: Internal Std (Ref 218), 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	201125K1_1	100	0.91	NO	48.44	1.047	1.06e6	8.77e5	98.3	-1.7	1.21	bb
2	201125K1_2	100	0.95	NO	48.42	1.047	1.25e6	1.02e6	99.5	-0.5	1.23	bb
3	201125K1_3	100	0.91	NO	48.42	1.047	1.40e6	1.06e6	107	7.2	1.32	bb
4	201125K1_4	100	0.90	NO	48.42	1.046	1.26e6	1.03e6	99.5	-0.5	1.22	bb
5	201125K1_5	100	0.90	NO	48.44	1.047	1.41e6	1.17e6	98.1	-1.9	1.21	bb
6	201125K1_6	100	0.93	NO	48.44	1.047	1.54e6	1.28e6	97.4	-2.6	1.20	bb

Compound name: 13C-PCB-194

Response Factor: 0.709951

RRF SD: 0.0247228, Relative SD: 3.48232

Response type: Internal Std (Ref 219), 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	201125K1_1	100	0.91	NO	54.54	0.995	9.79e5	1.44e6	95.8	-4.2	0.680	bb
2	201125K1_2	100	0.90	NO	54.52	0.995	1.16e6	1.63e6	100	0.3	0.712	bb
3	201125K1_3	100	0.91	NO	54.54	0.995	1.21e6	1.62e6	105	5.2	0.747	bb
4	201125K1_4	100	0.90	NO	54.54	0.995	1.11e6	1.54e6	102	1.8	0.723	bb
5	201125K1_5	100	0.91	NO	54.52	0.995	1.28e6	1.79e6	100	0.3	0.712	bb
6	201125K1_6	100	0.90	NO	54.55	0.995	1.35e6	1.97e6	96.5	-3.5	0.685	bb

Compound name: 13C-PCB-208

Response Factor: 0.86538

RRF SD: 0.0626855, Relative SD: 7.24369

Response type: Internal Std (Ref 219), 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	201125K1_1	100	0.80	NO	53.78	0.981	1.14e6	1.44e6	91.8	-8.2	0.794	bb
2	201125K1_2	100	0.80	NO	53.76	0.981	1.39e6	1.63e6	98.5	-1.5	0.853	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-208

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	0.79	NO	53.76	0.981	1.58e6	1.62e6	113	12.9	0.977	bb
4	201125K1_4	100	0.79	NO	53.76	0.981	1.37e6	1.54e6	103	2.5	0.887	bb
5	201125K1_5	100	0.79	NO	53.76	0.981	1.52e6	1.79e6	98.2	-1.8	0.849	bb
6	201125K1_6	100	0.78	NO	53.78	0.981	1.64e6	1.97e6	96.1	-3.9	0.832	bb

Compound name: 13C-PCB-206

Response Factor: 0.62257

RRF SD: 0.0234903, Relative SD: 3.77312

Response type: Internal Std (Ref 219), 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	201125K1_1	100	0.79	NO	56.07	1.023	9.01e5	1.44e6	101	0.5	0.626	bb
2	201125K1_2	100	0.80	NO	56.06	1.023	9.86e5	1.63e6	97.3	-2.7	0.606	bb
3	201125K1_3	100	0.77	NO	56.07	1.023	1.06e6	1.62e6	105	4.6	0.651	bd
4	201125K1_4	100	0.78	NO	56.07	1.023	9.90e5	1.54e6	103	3.1	0.642	bb
5	201125K1_5	100	0.79	NO	56.06	1.023	1.12e6	1.79e6	100	0.2	0.624	bb
6	201125K1_6	100	0.80	NO	56.12	1.024	1.16e6	1.97e6	94.3	-5.7	0.587	bb

Compound name: 13C-PCB-209

Response Factor: 0.724727

RRF SD: 0.0408528, Relative SD: 5.63699

Response type: Internal Std (Ref 219), 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	201125K1_1	100	1.17	NO	57.32	1.046	1.01e6	1.44e6	97.2	-2.8	0.704	bb
2	201125K1_2	100	1.20	NO	57.32	1.046	1.12e6	1.63e6	94.6	-5.4	0.685	bb
3	201125K1_3	100	1.19	NO	57.35	1.046	1.29e6	1.62e6	110	9.7	0.795	bb
4	201125K1_4	100	1.19	NO	57.32	1.046	1.16e6	1.54e6	103	3.4	0.749	bb
5	201125K1_5	100	1.22	NO	57.30	1.046	1.25e6	1.79e6	96.3	-3.7	0.698	bb
6	201125K1_6	100	1.20	NO	57.33	1.046	1.41e6	1.97e6	98.8	-1.2	0.716	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	1.60	NO	25.37	0.000	3.24e6	3.24e6	100	0.0	1.00	bb
2	201125K1_2	100	1.60	NO	25.37	0.000	3.50e6	3.50e6	100	0.0	1.00	bb
3	201125K1_3	100	1.61	NO	25.37	0.000	3.65e6	3.65e6	100	0.0	1.00	bb
4	201125K1_4	100	1.60	NO	25.37	0.000	3.44e6	3.44e6	100	0.0	1.00	bb
5	201125K1_5	100	1.59	NO	25.37	0.000	3.65e6	3.65e6	100	0.0	1.00	bb
6	201125K1_6	100	1.57	NO	25.39	0.000	3.83e6	3.83e6	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	1.03	NO	28.50	0.000	2.59e6	2.59e6	100	0.0	1.00	bd
2	201125K1_2	100	1.05	NO	28.50	0.000	2.97e6	2.97e6	100	0.0	1.00	bd
3	201125K1_3	100	1.04	NO	28.50	0.000	3.08e6	3.08e6	100	0.0	1.00	bd
4	201125K1_4	100	1.05	NO	28.50	0.000	2.82e6	2.82e6	100	0.0	1.00	bd
5	201125K1_5	100	1.03	NO	28.50	0.000	2.98e6	2.98e6	100	0.0	1.00	bd
6	201125K1_6	100	1.05	NO	28.52	0.000	3.12e6	3.12e6	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	0.80	NO	36.52	0.000	2.00e6	2.00e6	100	0.0	1.00	bb
2	201125K1_2	100	0.79	NO	36.52	0.000	2.22e6	2.22e6	100	0.0	1.00	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-60

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	0.79	NO	36.52	0.000	2.24e6	2.24e6	100	0.0	1.00	bb
4	201125K1_4	100	0.80	NO	36.52	0.000	2.23e6	2.23e6	100	0.0	1.00	bb
5	201125K1_5	100	0.81	NO	36.52	0.000	2.37e6	2.37e6	100	0.0	1.00	bb
6	201125K1_6	100	0.80	NO	36.54	0.000	2.58e6	2.58e6	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	1.60	NO	39.11	0.000	1.54e6	1.54e6	100	0.0	1.00	bb
2	201125K1_2	100	1.61	NO	39.09	0.000	1.70e6	1.70e6	100	0.0	1.00	bb
3	201125K1_3	100	1.60	NO	39.09	0.000	1.78e6	1.78e6	100	0.0	1.00	bb
4	201125K1_4	100	1.61	NO	39.09	0.000	1.74e6	1.74e6	100	0.0	1.00	bb
5	201125K1_5	100	1.60	NO	39.09	0.000	1.97e6	1.97e6	100	0.0	1.00	bb
6	201125K1_6	100	1.59	NO	39.11	0.000	2.16e6	2.16e6	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	1.28	NO	46.45	0.000	1.09e6	1.09e6	100	0.0	1.00	db
2	201125K1_2	100	1.24	NO	46.45	0.000	1.26e6	1.26e6	100	0.0	1.00	db
3	201125K1_3	100	1.29	NO	46.45	0.000	1.27e6	1.27e6	100	0.0	1.00	db
4	201125K1_4	100	1.26	NO	46.45	0.000	1.23e6	1.23e6	100	0.0	1.00	db
5	201125K1_5	100	1.28	NO	46.45	0.000	1.34e6	1.34e6	100	0.0	1.00	db
6	201125K1_6	100	1.26	NO	46.47	0.000	1.45e6	1.45e6	100	0.0	1.00	db

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	0.45	NO	46.28	0.000	8.77e5	8.77e5	100	0.0	1.00	bb
2	201125K1_2	100	0.46	NO	46.26	0.000	1.02e6	1.02e6	100	0.0	1.00	bb
3	201125K1_3	100	0.46	NO	46.26	0.000	1.06e6	1.06e6	100	0.0	1.00	bb
4	201125K1_4	100	0.45	NO	46.28	0.000	1.03e6	1.03e6	100	0.0	1.00	bb
5	201125K1_5	100	0.46	NO	46.28	0.000	1.17e6	1.17e6	100	0.0	1.00	bb
6	201125K1_6	100	0.46	NO	46.28	0.000	1.28e6	1.28e6	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	201125K1_1	100	0.92	NO	54.81	0.000	1.44e6	1.44e6	100	0.0	1.00	bb
2	201125K1_2	100	0.92	NO	54.78	0.000	1.63e6	1.63e6	100	0.0	1.00	bb
3	201125K1_3	100	0.90	NO	54.80	0.000	1.62e6	1.62e6	100	0.0	1.00	bb
4	201125K1_4	100	0.89	NO	54.80	0.000	1.54e6	1.54e6	100	0.0	1.00	bb
5	201125K1_5	100	0.91	NO	54.78	0.000	1.79e6	1.79e6	100	0.0	1.00	bb
6	201125K1_6	100	0.90	NO	54.81	0.000	1.97e6	1.97e6	100	0.0	1.00	bb

Compound name: 13C-PCB-79

Response Factor: 1.03585

RRF SD: 0.031989, Relative SD: 3.08818

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
1	201125K1_1	100	0.77	NO	37.64	1.031	2.04e6	2.00e6	98.2	-1.8	1.02	bb
2	201125K1_2	100	0.78	NO	37.62	1.030	2.29e6	2.22e6	99.6	-0.4	1.03	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-79

	Name	Std. Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
3	201125K1_3	100	0.78	NO	37.62	1.030	2.40e6	2.24e6	103	3.4	1.07	bb
4	201125K1_4	100	0.78	NO	37.62	1.030	2.24e6	2.23e6	96.9	-3.1	1.00	bb
5	201125K1_5	100	0.78	NO	37.62	1.030	2.40e6	2.37e6	97.7	-2.3	1.01	bb
6	201125K1_6	100	0.79	NO	37.64	1.030	2.78e6	2.58e6	104	4.2	1.08	bb

Compound name: 13C-PCB-178

Response Factor: 0.77438

RRF SD: 0.0207314, Relative SD: 2.67717

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
1	201125K1_1	100	0.45	NO	45.73	0.988	8.05e5	1.09e6	95.7	-4.3	0.741	bd
2	201125K1_2	100	0.47	NO	45.71	0.988	9.73e5	1.26e6	99.5	-0.5	0.770	bb
3	201125K1_3	100	0.46	NO	45.71	0.988	1.01e6	1.27e6	103	3.3	0.800	bb
4	201125K1_4	100	0.46	NO	45.71	0.988	9.61e5	1.23e6	101	0.6	0.779	bb
5	201125K1_5	100	0.45	NO	45.71	0.988	1.02e6	1.34e6	98.9	-1.1	0.766	bb
6	201125K1_6	100	0.46	NO	45.73	0.988	1.14e6	1.45e6	102	2.0	0.790	bb

Compound name: 13C-PCB-79

Response Factor: 1.03585

RRF SD: 0.031989, Relative SD: 3.08818

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
1	201125K1_1	100	0.77	NO	37.64	0.968	2.04e6	1.93e6	102	1.6	1.06	bb
2	201125K1_2	100	0.78	NO	37.62	0.967	2.29e6	2.18e6	101	0.7	1.05	bb
3	201125K1_3	100	0.78	NO	37.62	0.967	2.40e6	2.37e6	97.0	-3.0	1.01	bb
4	201125K1_4	100	0.78	NO	37.62	0.967	2.24e6	2.18e6	98.5	-1.5	1.03	bb
5	201125K1_5	100	0.78	NO	37.62	0.967	2.40e6	2.34e6	98.6	-1.4	1.03	bb
6	201125K1_6	100	0.79	NO	37.64	0.967	2.78e6	2.57e6	104	3.7	1.08	bb

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-CRV.qld

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Compound name: 13C-PCB-178

Response Factor: 0.77438

RRF SD: 0.0207314, Relative SD: 2.67717

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
1	201125K1_1	100	0.45	NO	45.73	0.923	8.05e5	8.18e5	96.7	-3.3	0.984	bb
2	201125K1_2	100	0.47	NO	45.71	0.923	9.73e5	9.17e5	104	4.2	1.06	bb
3	201125K1_3	100	0.46	NO	45.71	0.923	1.01e6	1.02e6	98.1	-1.9	0.998	bb
4	201125K1_4	100	0.46	NO	45.71	0.923	9.62e5	9.31e5	101	1.4	1.03	bb
5	201125K1_5	100	0.45	NO	45.71	0.923	1.02e6	1.03e6	97.4	-2.6	0.991	bb
6	201125K1_6	100	0.46	NO	45.73	0.923	1.14e6	1.10e6	102	2.2	1.04	bb

Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:53:28 Pacific Standard Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_11-24-20.mdb 25 Nov 2020 08:43:46
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 17:49:42

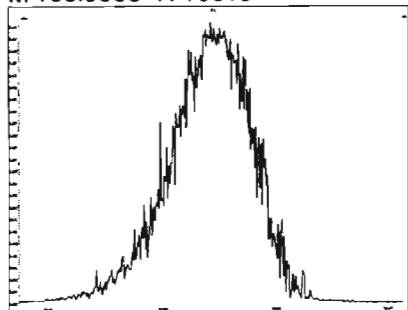
Compound name: PCB-1

	Name	ID	Acq.Date	Acq.Time
1	201125K1_1	ST201125K1-1 PCB 209 CS0 20J1214	25-Nov-20	09:48:37
2	201125K1_2	ST201125K1-2 PCB 209 CS1 20J1215	25-Nov-20	10:48:14
3	201125K1_3	ST201125K1-3 PCB 209 CS2 20J1216	25-Nov-20	11:48:31
4	201125K1_4	ST201125K1-4 PCB 209 CS3 20J1217	25-Nov-20	12:48:48
5	201125K1_5	ST201125K1-5 PCB 209 CS4 20J1218	25-Nov-20	13:49:04
6	201125K1_6	ST201125K1-6 PCB 209 CS5 20J1219	25-Nov-20	14:49:20
7	201125K1_7	SOLVENT BLANK	25-Nov-20	15:49:32
8	201125K1_8	SS201125K1-1 PCB 209 SS 20J1220	25-Nov-20	16:54:25
9	201125K1_9	SOLVENT BLANK	25-Nov-20	18:01:56
10	201125K1_10	QC201125K1-CRV BLANK	25-Nov-20	19:00:53
11	201125K1_11	ST201125K1-7 PCB 209 CS3 19G2609	25-Nov-20	20:01:08
12	201125K1_12	B0K0086-BS2 OPR 10	25-Nov-20	21:01:22
13	201125K1_13	B0K0086-BS7 OPR 10	25-Nov-20	22:01:41
14	201125K1_14	B0K0062-BS8 OPR 10	25-Nov-20	23:02:01
15	201125K1_15	B0K0062-BS1 OPR 5	26-Nov-20	00:02:21

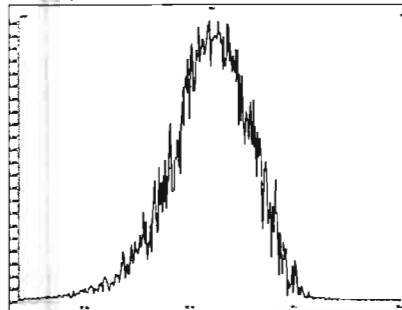
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Wednesday, November 25, 2020 09:36:09 Pacific Standard Time

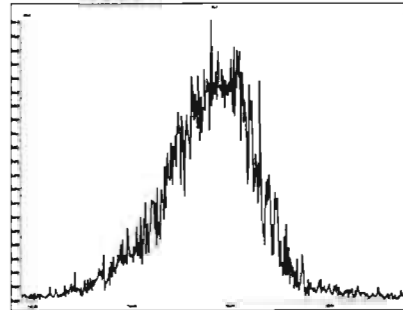
M 168.9888 R 10819



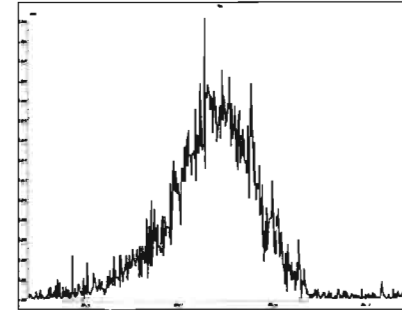
M 180.9888 R 10825



M 192.9888 R 10081



M 204.9888 R 10681



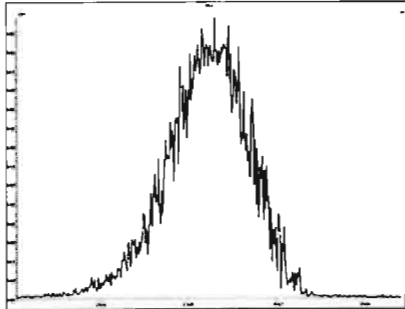
Experiment Calibration Report

MassLynx 4.1 SCN815

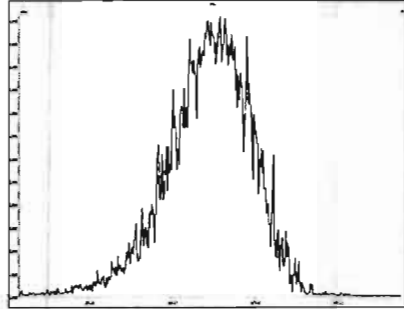
File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Wednesday, November 25, 2020 09:40:26 Pacific Standard Time

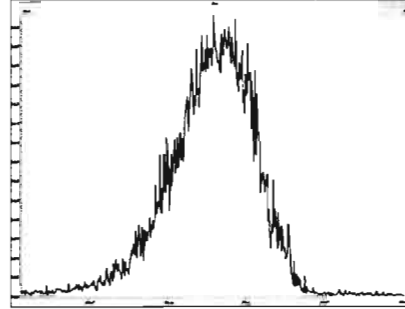
M 218.9856 R 10869



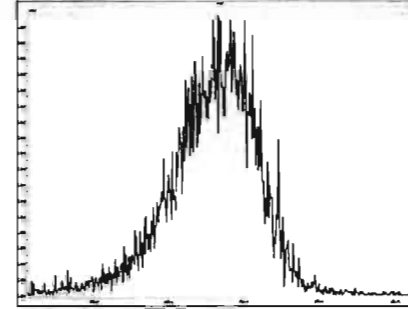
M 230.9856 R 10591



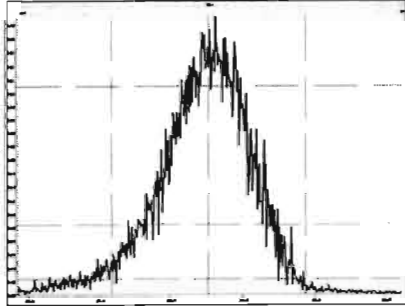
M 242.9856 R 10373



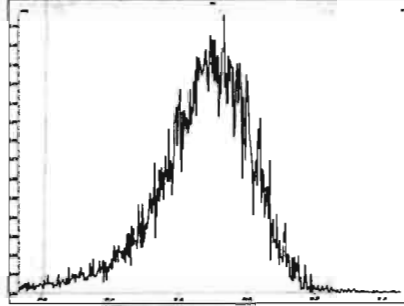
M 254.9856 R 11849



M 268.9824 R 11418



M 280.9824 R 10205



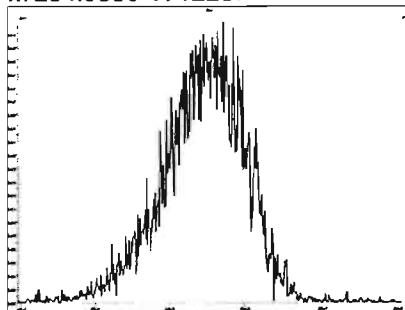
Experiment Calibration Report

MassLynx 4.1 SCN815

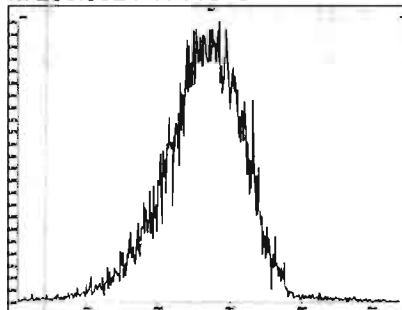
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Printed: Wednesday, November 25, 2020 09:46:24 Pacific Standard Time

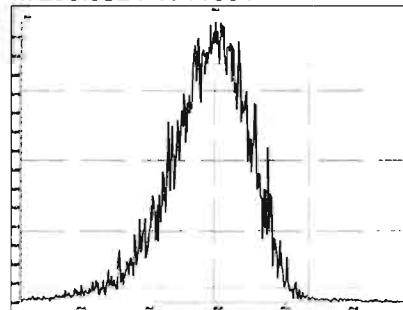
M 254.9856 R 12257



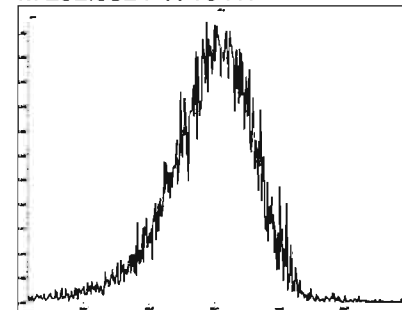
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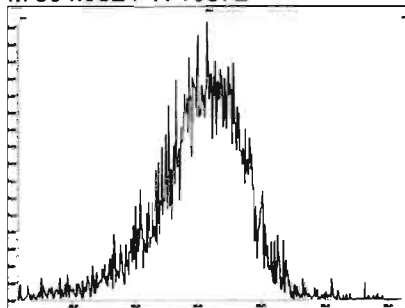
M 280.9824 R 11064



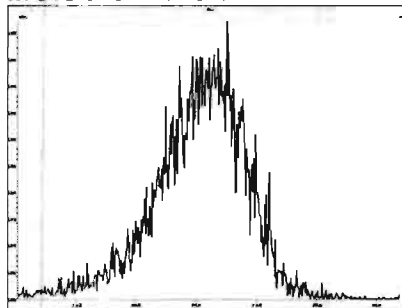
M 292.9824 R 10417



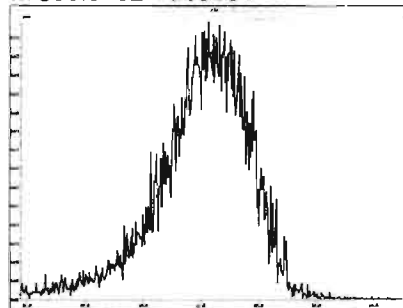
M 304.9824 R 10372



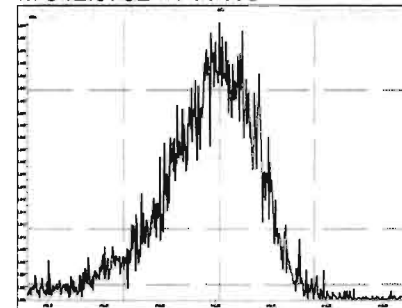
M 318.9792 R 10727



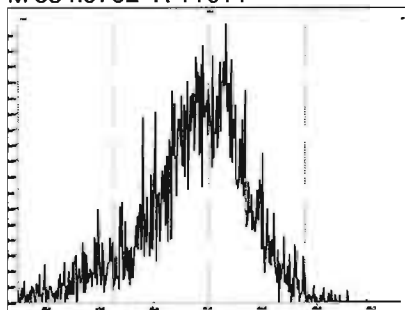
M 330.9792 R 10164



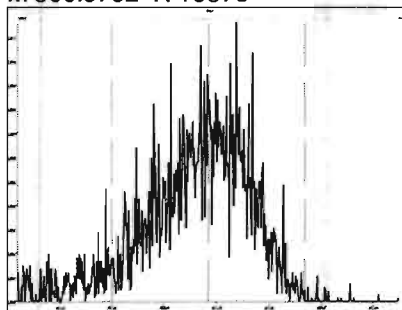
M 342.9792 R 11415



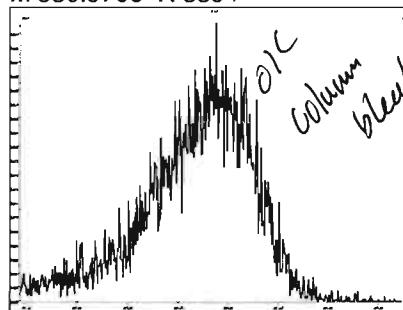
M 354.9792 R 11011



M 366.9792 R 10375



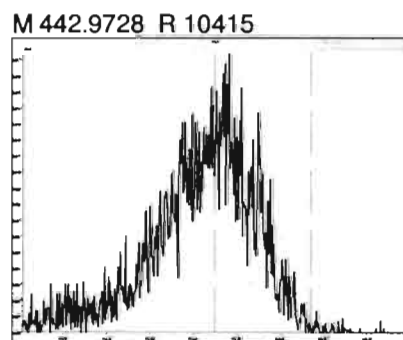
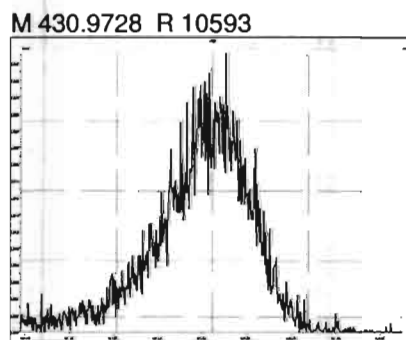
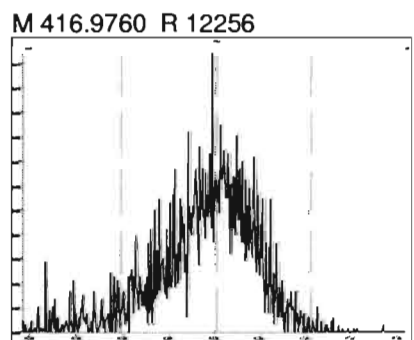
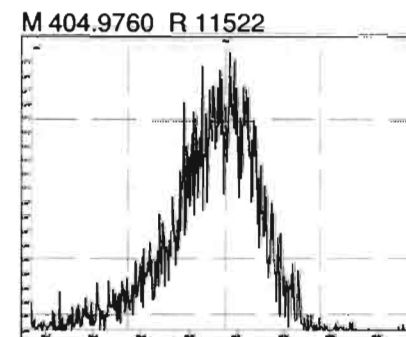
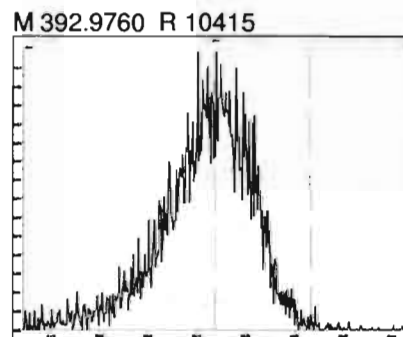
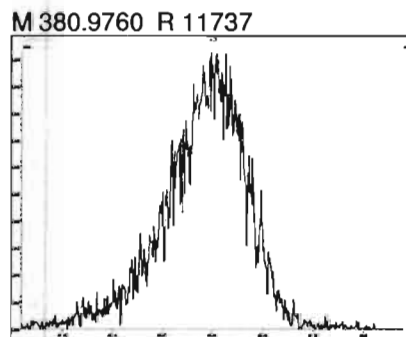
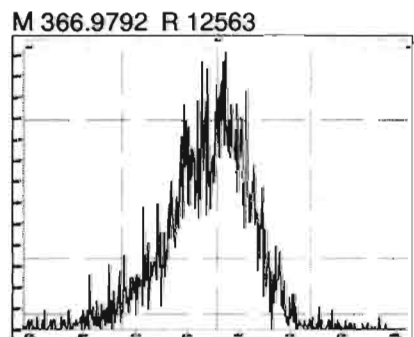
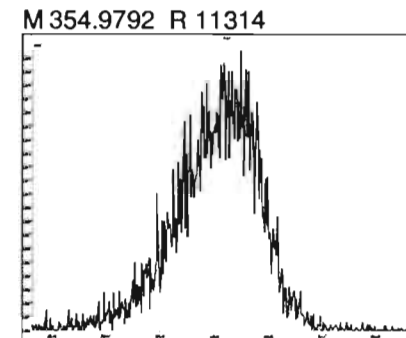
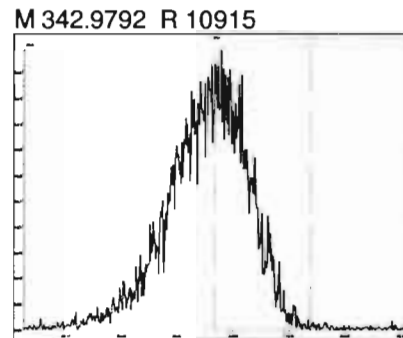
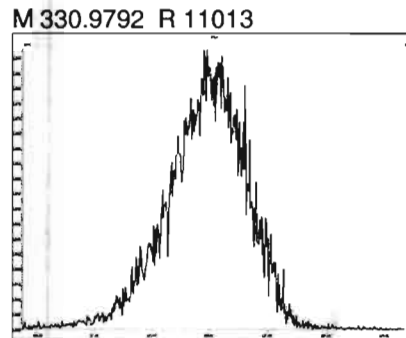
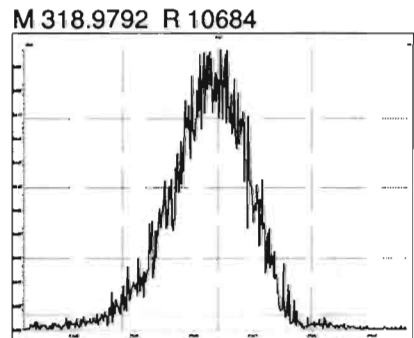
M 380.9760 R 8894



O/C
column
bleed

File: Experiment: pcb_zb1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Wednesday, November 25, 2020 09:47:06 Pacific Standard Time



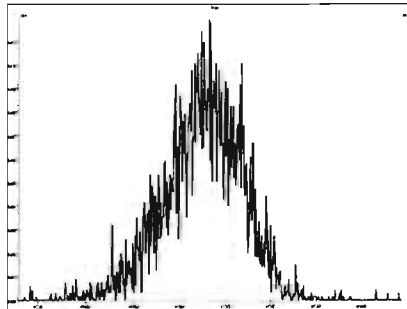
Experiment Calibration Report

MassLynx 4.1 SCN815

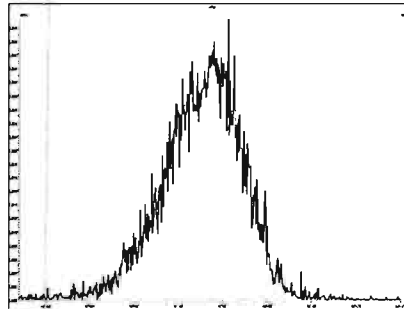
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Printed: Wednesday, November 25, 2020 09:47:38 Pacific Standard Time

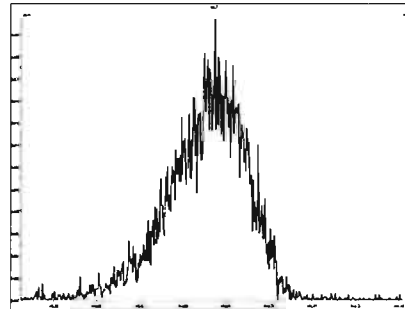
M 416.9760 R 12953



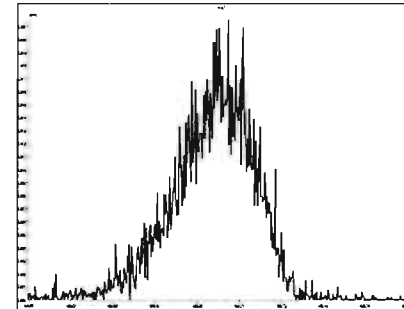
M 430.9728 R 11210



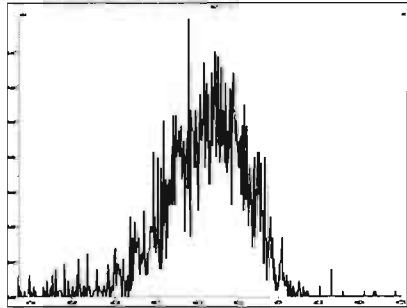
M 442.9728 R 11414



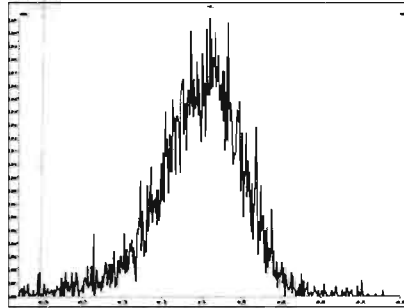
M 454.9728 R 12692



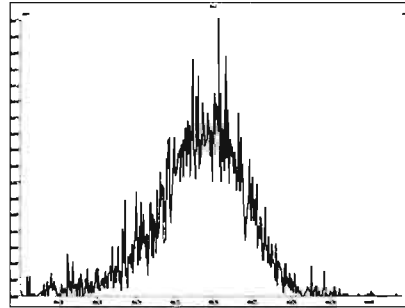
M 466.9728 R 13228



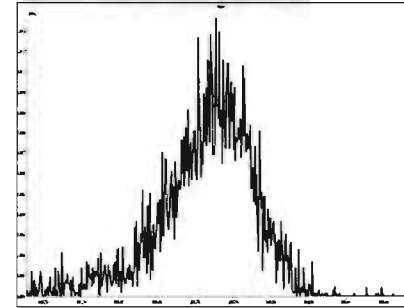
M 480.9696 R 10965



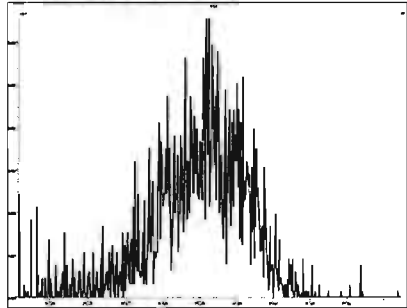
M 492.9696 R 11792



M 504.9696 R 11209



M 516.9697 R 13163



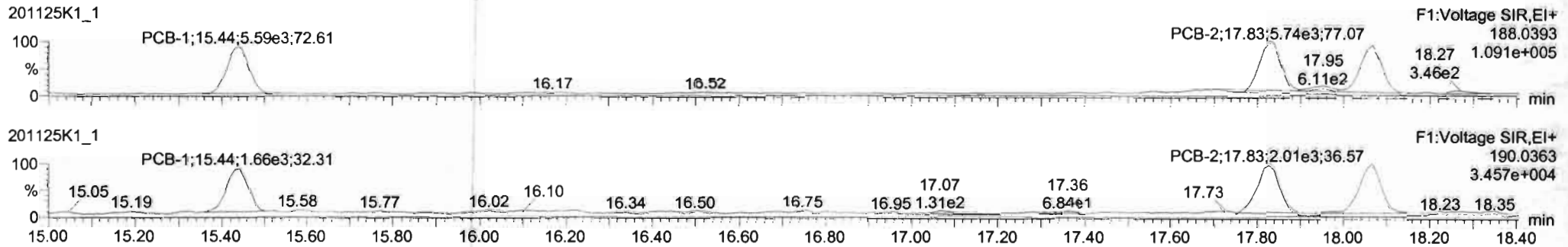
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

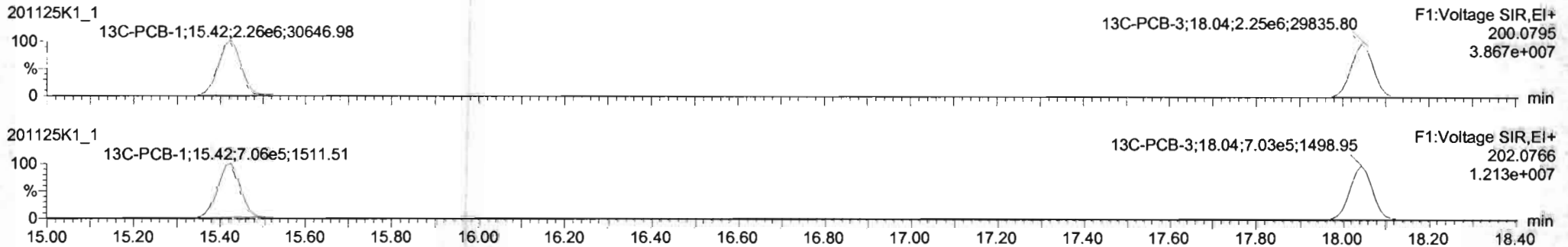
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Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20-TEST.cdb 25 Nov 2020 17:49:42

Name: 201125K1_1, Date: 25-Nov-2020, Time: 09:48:37, ID: ST201125K1-1 PCB 209 CS0 20J1214, Description: PCB 209 CS0 20J1214

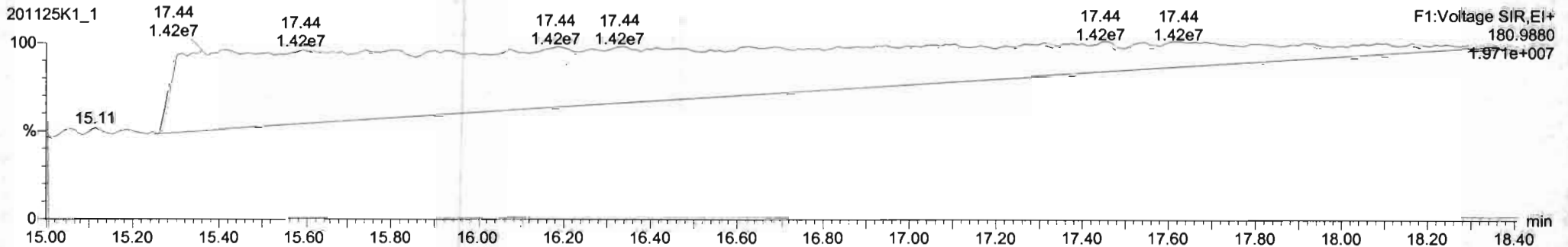
PCB-1



13C-PCB-1

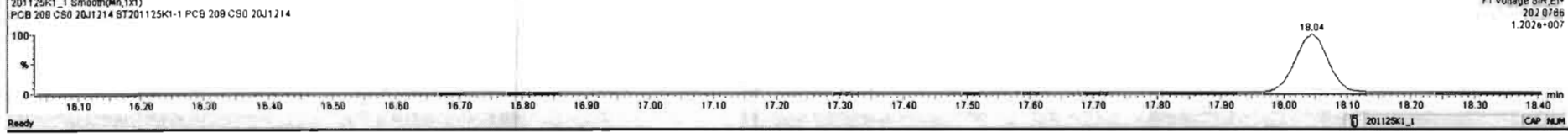
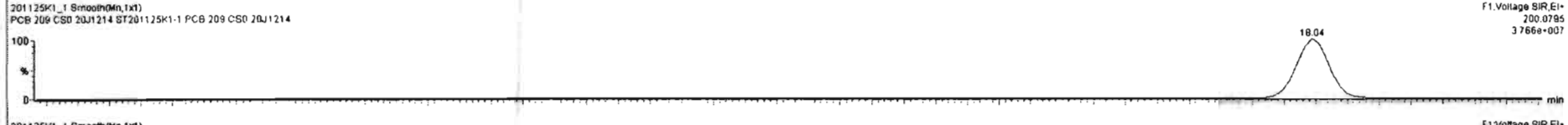
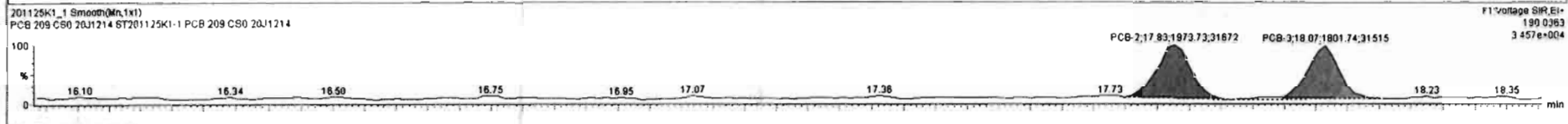
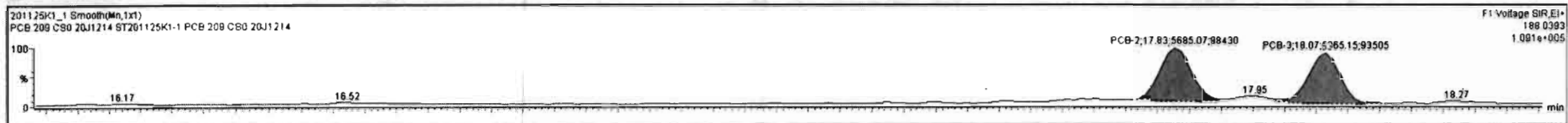


PFK1



#	Name	Resp	RA	n/y	RPF	wtAvol	Pred RT	RT	Pred R	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	8.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.988	0.988	NO	95.67	95.7	0.0474	
222	222 13C-PCB-78	2.04e6	0.77	NO	1.0415	1.000	37.83	37.84	0.988	0.988	NO	101.8	102	0.0412	
223	223 13C-PCB-178	8.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	96.67	96.7	0.0487	
224	224 Total Mono-PCBs				1.0294	1.000	0.00		0.000		NO	0.7448		0.0258	0.7450
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	3.084		0.152	3.084
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	2.118		0.0947	2.118
227	227 3rd Function Tri-PCBs				0.9887	1.000	0.00		0.000		NO	4.003		0.161	4.003
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	10.71		0.559	10.71

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-1	15.43	15.44	5.591e3	1.664e3	3.130	3.38	NO	0.24000	0.24817
2	2 PCB-2	17.83	17.83	5.895e3	1.974e3	3.130	2.88	NO	0.25400	0.25416
3	3 PCB-3	18.06	18.07	5.305e3	1.802e3	3.130	2.98	NO	0.24200	0.24247



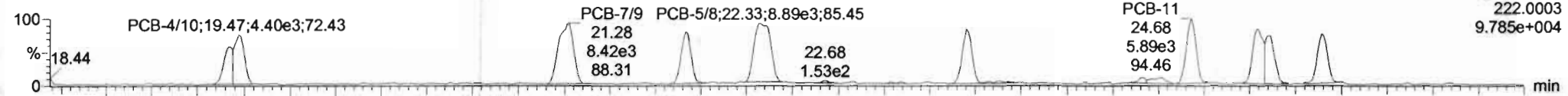
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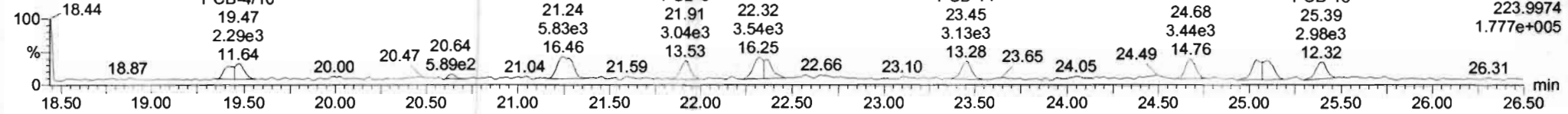
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PCB-4/10

201125K1_1

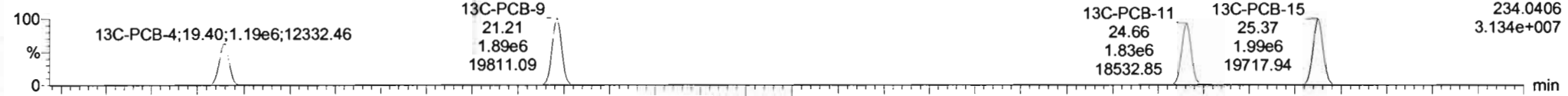


201125K1_1

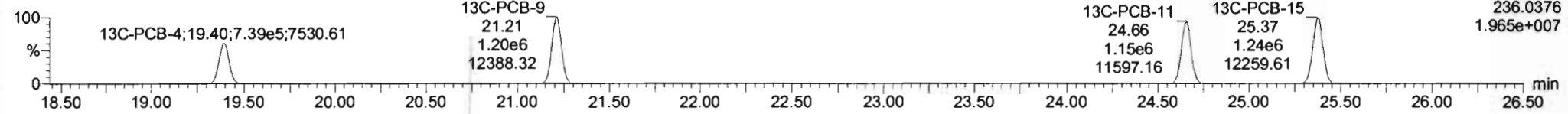


13C-PCB-4

201125K1_1

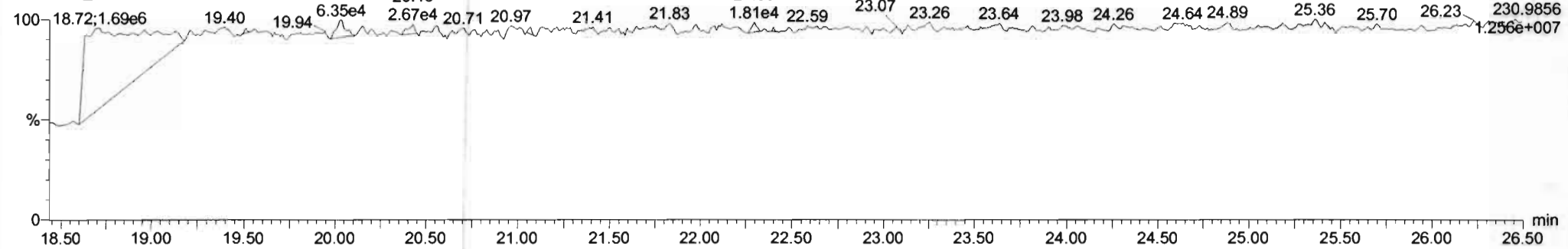


201125K1_1



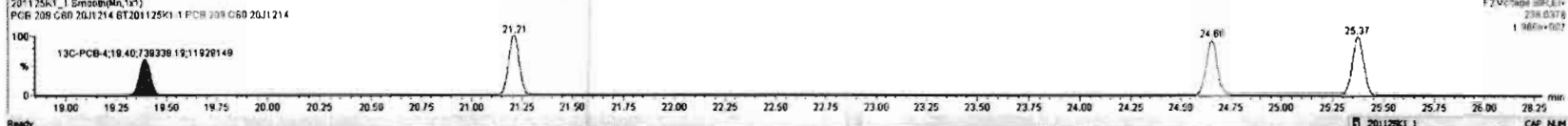
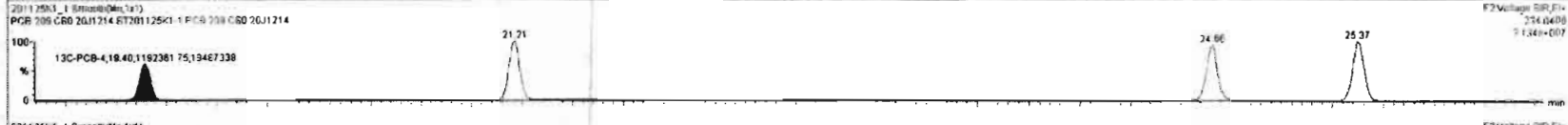
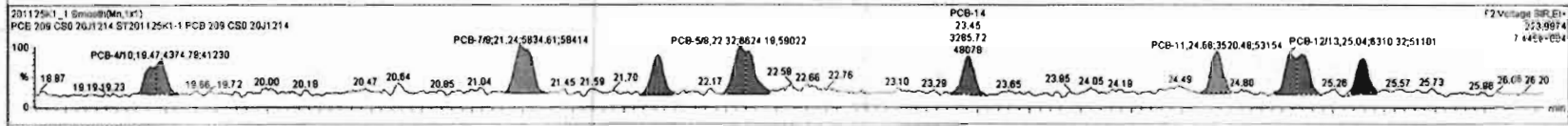
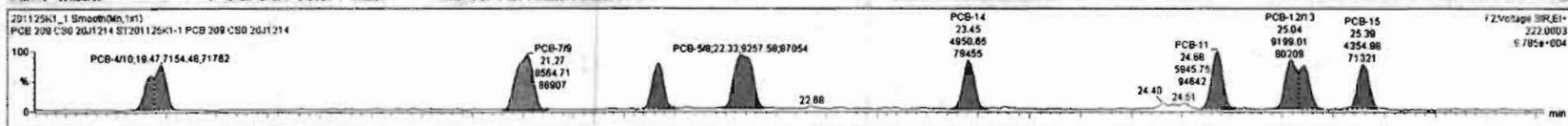
PFK2a

201125K1_1



#	Name	Resp	RA	n/y	RPY	wt/d	Pred.RT	RT	Pred.R.	RRT	RRT Fat	Conc	%Rec	DL	BPC
221	13C-PCB-178	0.05e5	0.45	NO	0.1744	1.000	45.72	45.72	0.999	0.998	NO	95.67	95.7	0.0474	
222	13C-PCB-179	2.04e6	0.77	NO	1.0415	1.000	37.63	37.64	0.999	0.998	NO	101.8	102	0.0412	
223	13C-PCB-178	0.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	95.67	95.7	0.0487	
224	Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.000	0.000	NO	0.7448	0.0298	0.7450	
225	Total Di-PCBs				1.0387	1.000	0.00	0.00	0.000	0.000	NO	3.064	0.152	3.064	
226	2nd Function Tri-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	2.118	0.0947	2.118	
227	3rd Function Tri-PCBs				0.9887	1.000	0.00	0.00	0.000	0.000	NO	4.003	0.181	4.003	
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.00	0.000	0.000	NO	10.71	0.559	10.71	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	BPC	Conc
4	PCB-410	19.48	19.47	7.154e3	4.375e3	1.560	1.63	NO	0.48400	0.49431
5	PCB-79	21.27	21.27	8.565e3	5.835e3	1.560	1.47	NO	0.48600	0.48634
6	PCB-6	21.92	21.82	4.705e3	3.366e3	1.560	1.40	NO	0.26200	0.26223
7	PCB-58	22.32	22.33	9.258e3	6.824e3	1.560	1.40	NO	0.52700	0.52874
8	PCB-14	23.45	23.45	4.951e3	3.286e3	1.560	1.51	NO	0.27000	0.26987
9	PCB-11	24.86	24.86	5.948e3	3.520e3	1.560	1.88	NO	0.28400	0.28432
10	PCB-12/13	25.11	25.04	9.199e3	6.319e3	1.560	1.46	NO	0.51000	0.51022



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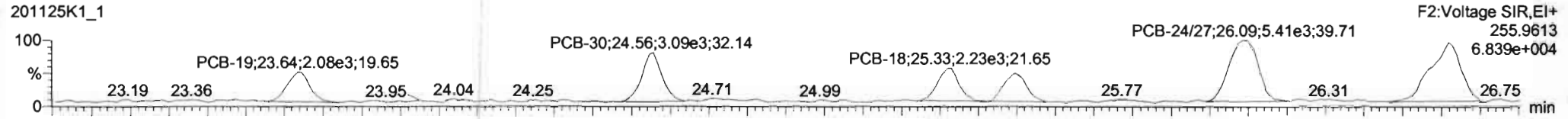
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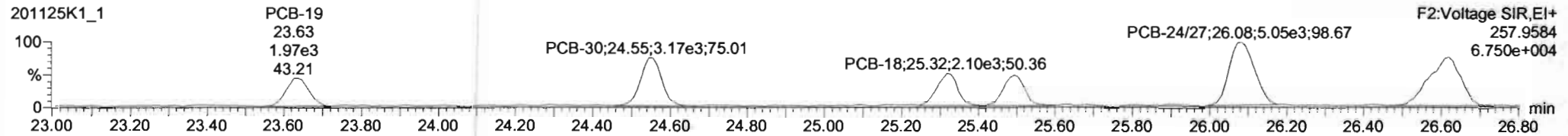
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PCB-19

201125K1_1

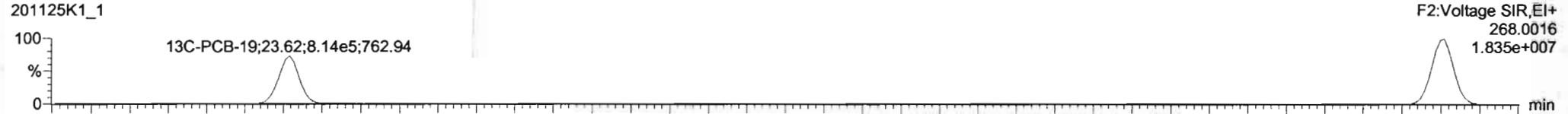


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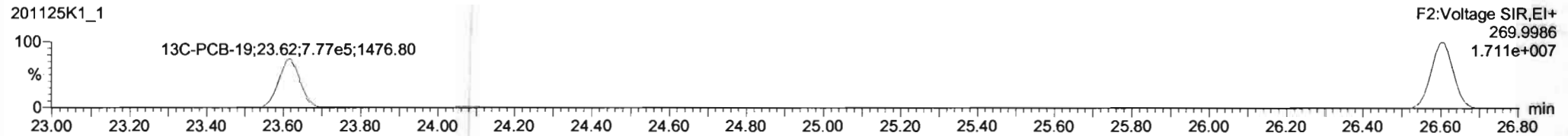


13C-PCB-19

201125K1_1

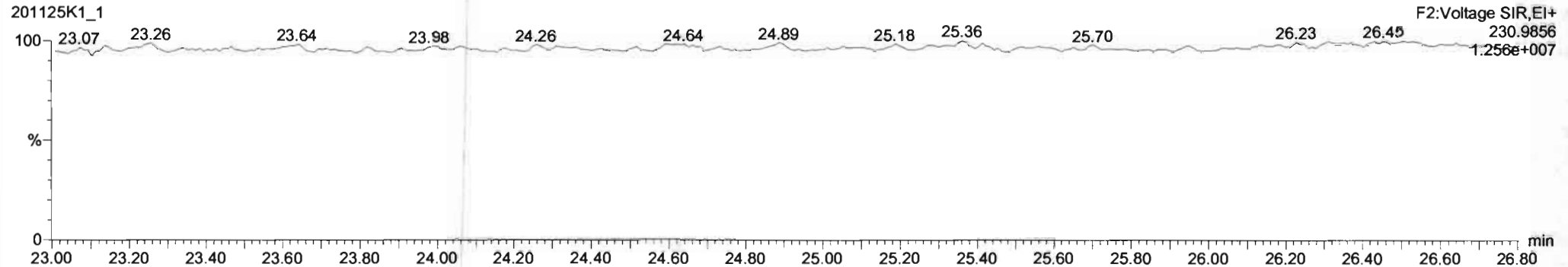


201125K1_1



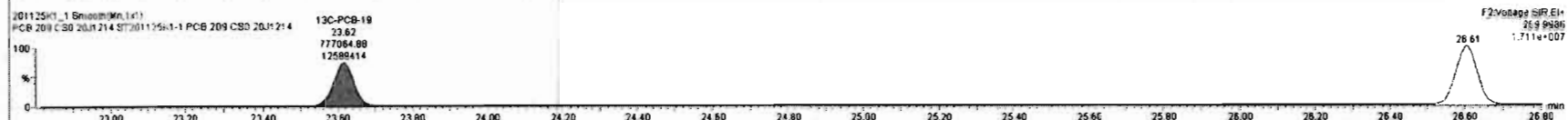
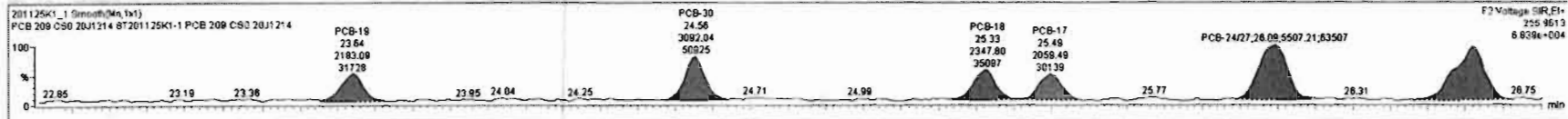
PFK2b

201125K1_1



#	Name	Resp	RA	nly	RRF	wtAval	Pred RT	RT	Pred R	RTT	RR1 Fnd	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	8.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.988	0.988	NO	95.67	95.7	0.0474	
222	222 13C-PCB-79	2.04e6	0.77	NO	1.0415	1.000	37.83	37.84	0.988	0.988	NO	101.5	102	0.0412	
223	223 13C-PCB-178	8.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	96.67	96.7	0.0487	
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	0.7448		0.0259	0.7450
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	3.084		0.152	3.084
226	226 3rd Function Tri-PCBs				1.9434	1.000	0.00		0.000		NO	2.118		0.0947	2.118
227	227 3rd Function Tetra-PCBs				0.9687	1.000	0.00		0.000		NO	4.003		0.161	4.003
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	10.71		0.558	10.71

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc
12	PCB-19	23.85	23.84	2.183e3	1.991e3	1.040	1.10	NO	0.27000	0.26882
2	PCB-30	24.56	24.56	3.092e3	3.189e3	1.040	0.98	NO	0.25500	0.25648
14	PCB-18	25.33	25.33	2.348e3	2.119e3	1.040	1.11	NO	0.27000	0.27008
5	PCB-17	25.50	25.49	2.059e3	2.033e3	1.040	1.01	NO	0.26500	0.26497
16	PCB-24/27	26.10	26.09	5.507e3	5.170e3	1.040	1.07	NO	0.49800	0.49807
8	PCB-16/32	26.63	26.62	5.765e3	4.845e3	1.040	1.19	NO	0.58000	0.55878

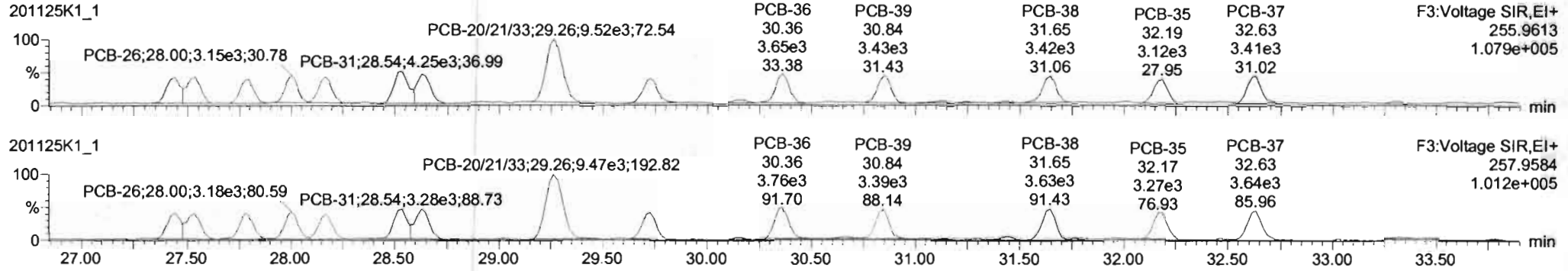


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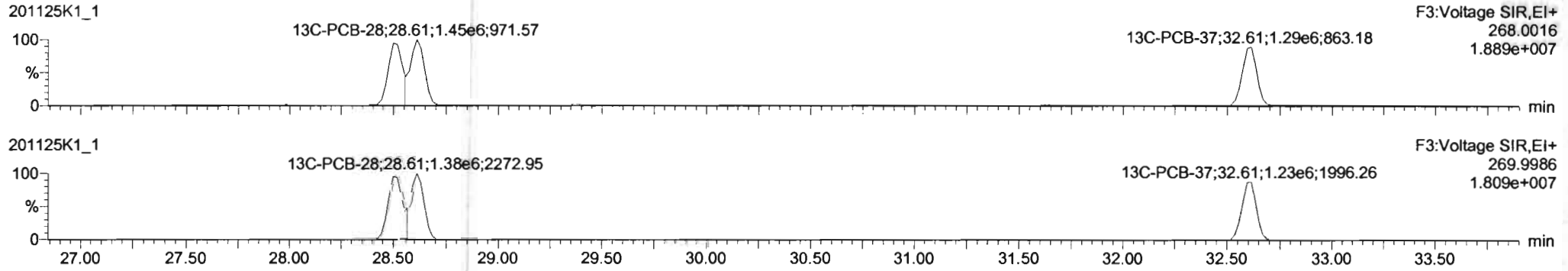
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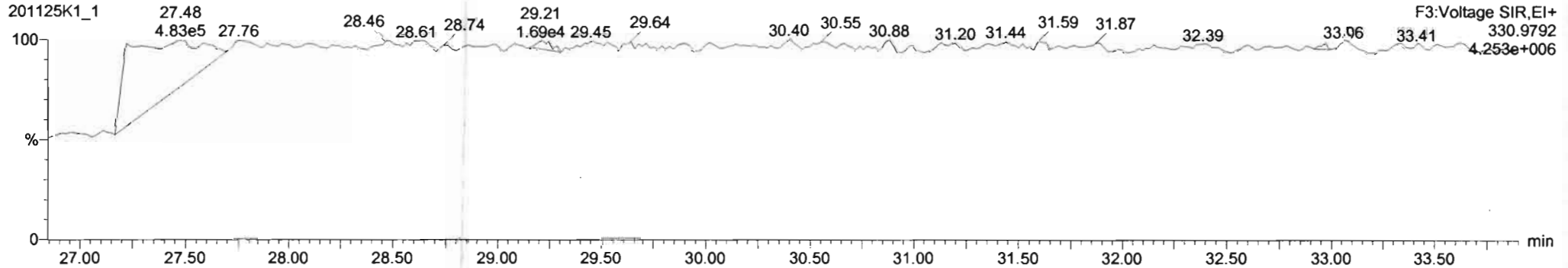
PCB-34



13C-PCB-28

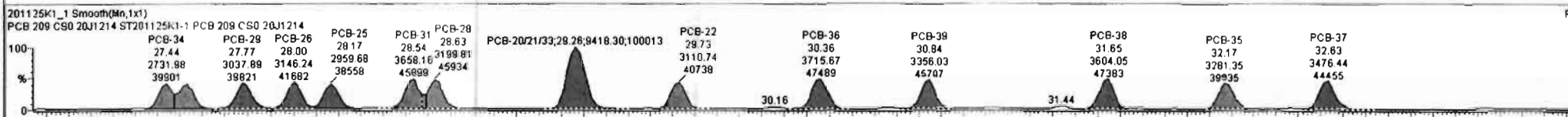
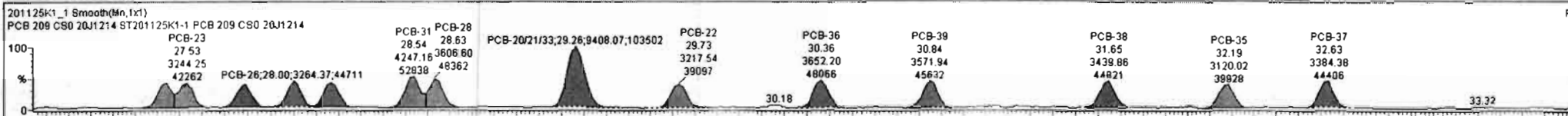


PFK3d



#	Name	Resp	RA	n/y	RfF	w/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	8.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.988	0.988	NO	95.67	95.7	0.0474	
222	222 13C-PCB-79	2.04e6	0.77	NO	1.0415	1.000	37.63	37.64	0.968	0.968	NO	101.6	102	0.0412	
223	223 13C-PCB-178	8.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	96.67	96.7	0.0487	
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	0.7448		0.0259	0.7450
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	3.084		0.152	3.084
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	2.118		0.0947	2.118
227	227 3rd Function Tri-PCBs				0.9887	1.000	0.00		0.000		NO	4.003		0.181	4.003
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	10.71		0.559	10.71

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	18 PCB-34	27.44	27.44	2.891e3	2.732e3	1.040	1.10	NO	0.23000	0.23021
2	19 PCB-23	27.53	27.53	3.244e3	3.084e3	1.040	1.05	NO	0.25000	0.25048
3	20 PCB-29	27.77	27.79	2.918e3	3.038e3	1.040	0.96	NO	0.24400	0.24413
4	21 PCB-26	28.00	28.00	3.284e3	3.146e3	1.040	1.04	NO	0.24700	0.24744
5	22 PCB-25	28.16	28.17	3.223e3	2.960e3	1.040	1.09	NO	0.23800	0.23845
6	23 PCB-31	28.53	28.54	4.247e3	3.658e3	1.040	1.16	NO	0.27100	0.27080
7	24 PCB-28	28.63	28.63	3.607e3	3.200e3	1.040	1.13	NO	0.23700	0.23691

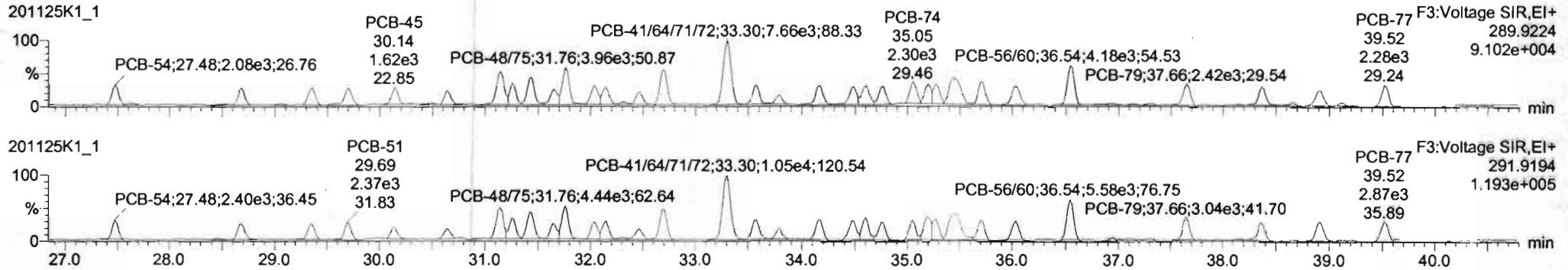


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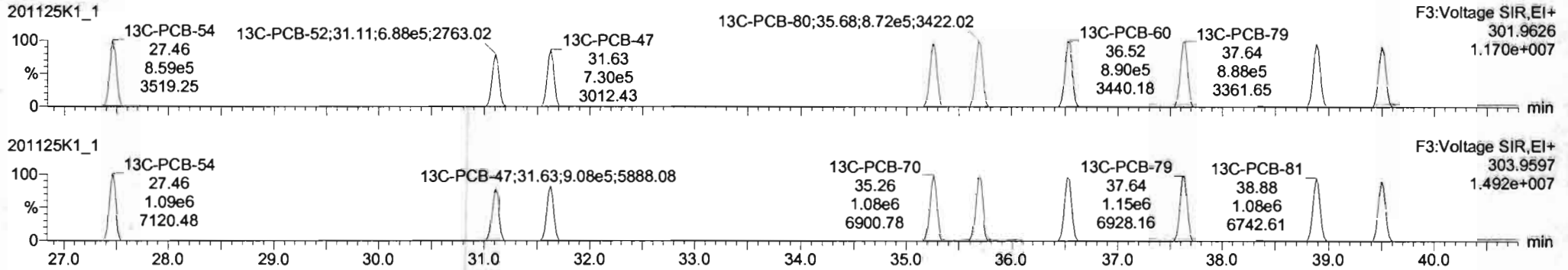
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Name: 201125K1_1, Date: 25-Nov-2020, Time: 09:48:37, ID: ST201125K1-1 PCB 209 CS0 20J1214, Description: PCB 209 CS0 20J1214

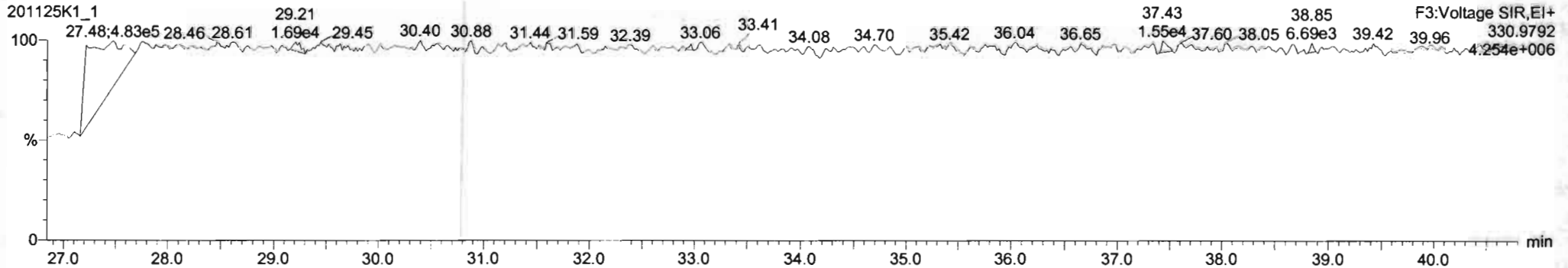
PCB-54



13C-PCB-54



PFK3a



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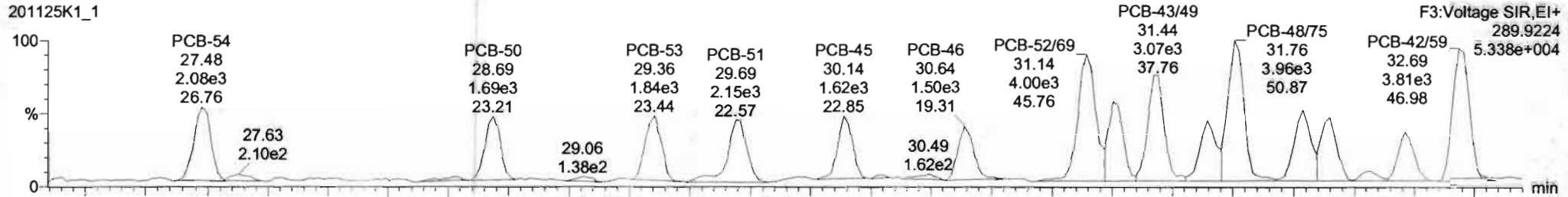
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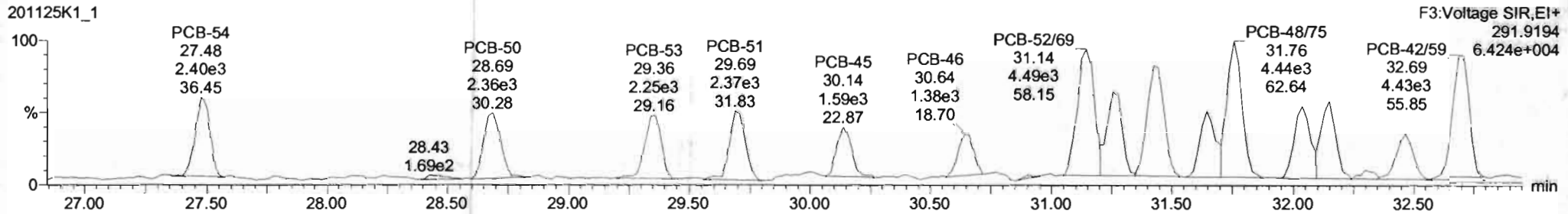
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PCB-50

201125K1_1

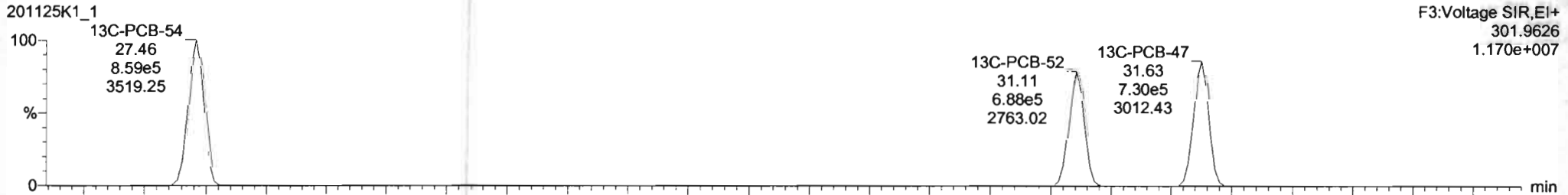


201125K1_1

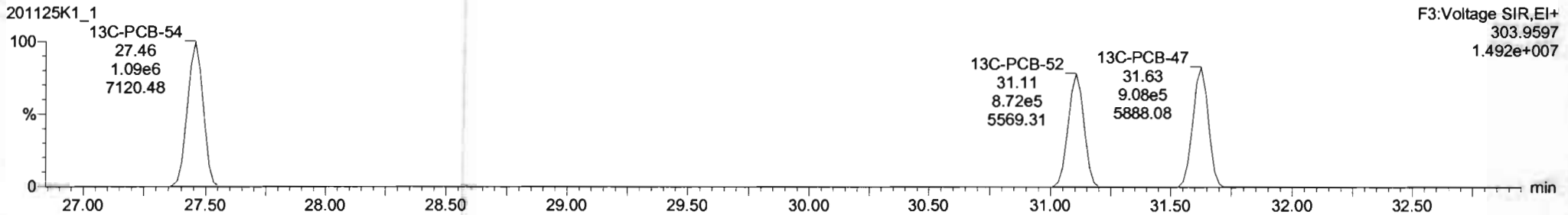


13C-PCB-52

201125K1_1

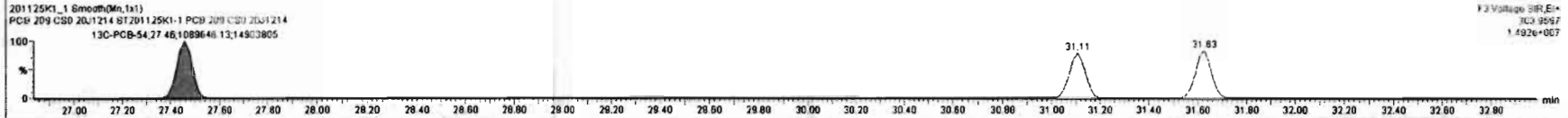
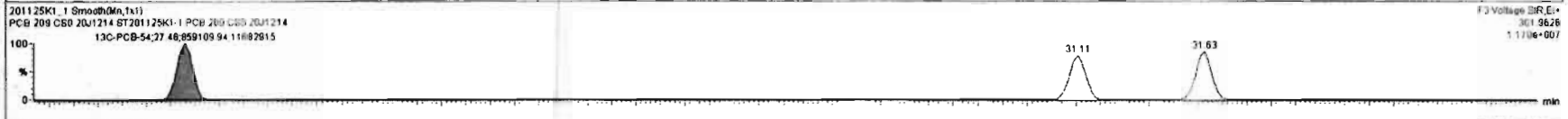
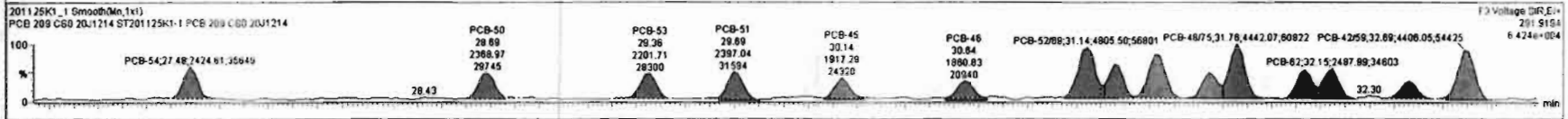
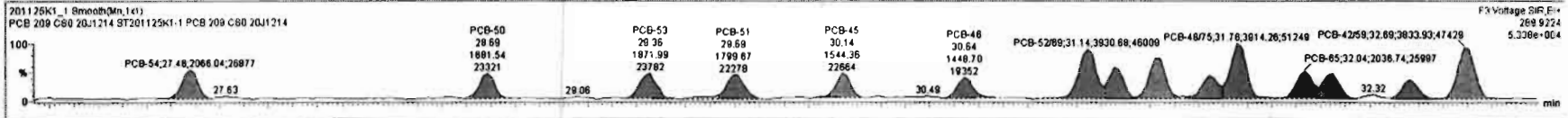


201125K1_1



#	Name	Resp	RA	n/y	RRF	wtAvt	Pred.RT	RT	Pred.R	RR1	RR1 Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	8.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.999	0.999	NO	95.67	95.7	0.0474	
222	222 13C-PCB-78	2.04e6	0.77	NO	1.0415	1.000	37.63	37.64	0.999	0.999	NO	101.6	102	0.0412	
223	223 13C-PCB-178	8.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	95.67	98.7	0.0487	
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	0.7448		0.0259	0.7450
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	3.084		0.152	3.084
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	2.118		0.0947	2.118
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	4.003		0.181	4.003
228	228 Total Tetra-PCBs				0.9810	1.000	0.00		0.000		NO	10.71		0.538	10.71

#	Name	Pred.RT	RT	wt Resp	wt Conc	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.48	27.48	2.086e3	2.425e3	0.770	0.85	NO	0.23700	0.23652
2	33 PCB-50	28.88	28.89	1.682e3	2.369e3	0.770	0.71	NO	0.25900	0.25862
3	34 PCB-53	29.37	29.36	1.872e3	2.202e3	0.770	0.85	NO	0.27800	0.27805
4	35 PCB-51	29.70	29.69	1.800e3	2.397e3	0.770	0.75	NO	0.26900	0.26907
5	36 PCB-45	30.15	30.14	1.544e3	1.917e3	0.770	0.81	NO	0.27800	0.27845
6	37 PCB-46	30.65	30.64	1.449e3	1.861e3	0.770	0.78	NO	0.27500	0.27531
7	38 PCB-52/69	31.14	31.14	3.931e3	4.806e3	0.770	0.82	NO	0.51700	0.51738
8	39 PCB-73	31.25	31.25	2.026e3	2.600e3	0.770	0.78	NO	0.22700	0.22686



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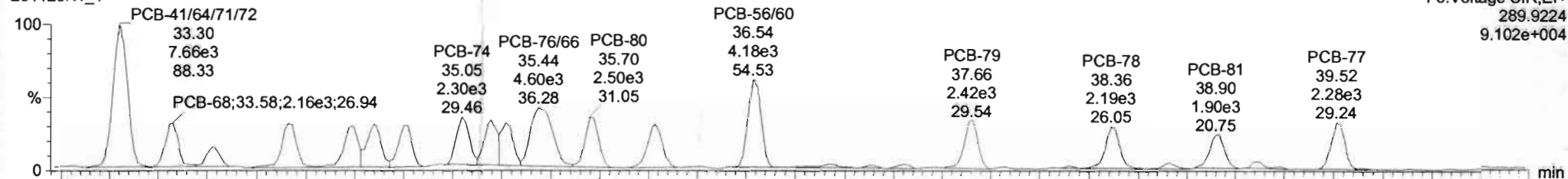
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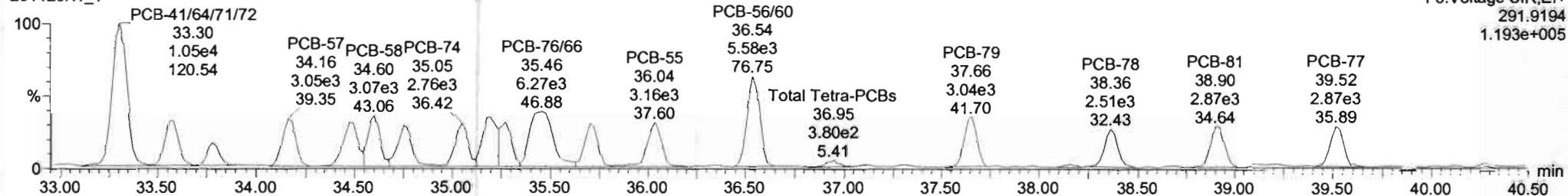
PCB-68

201125K1_1



F3:Voltage SIR,EI+
289.9224
9.102e+004

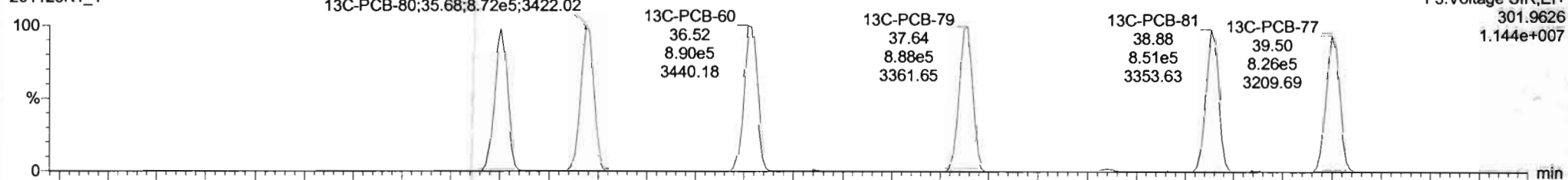
201125K1_1



F3:Voltage SIR,EI+
291.9194
1.193e+005

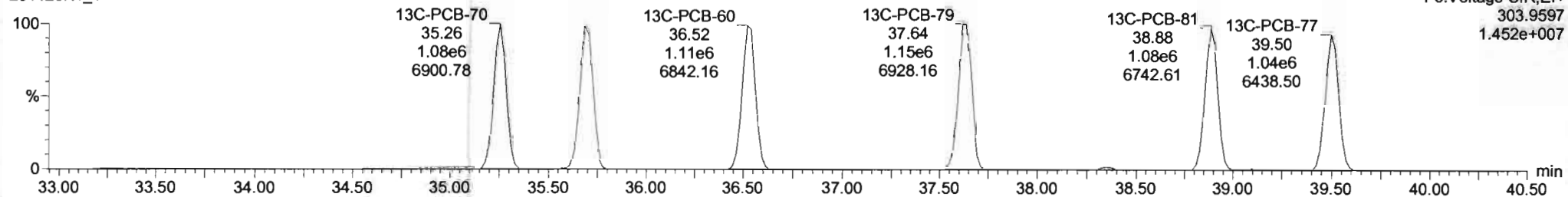
13C-PCB-60

201125K1_1



F3:Voltage SIR,EI+
301.9626
1.144e+007

201125K1_1



F3:Voltage SIR,EI+
303.9597
1.452e+007

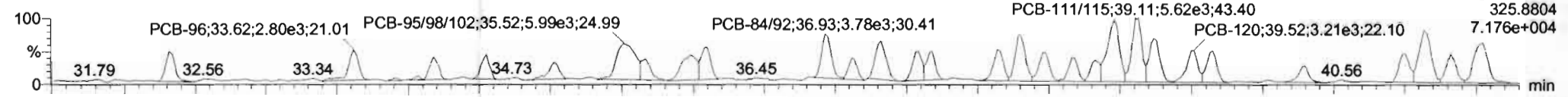
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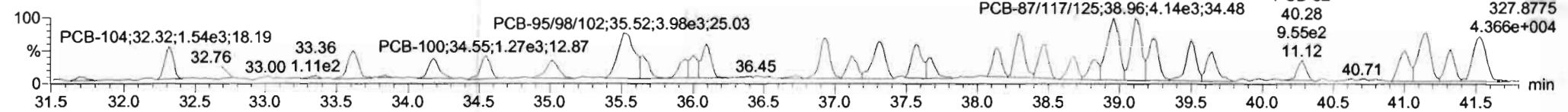
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PCB-104

201125K1_1

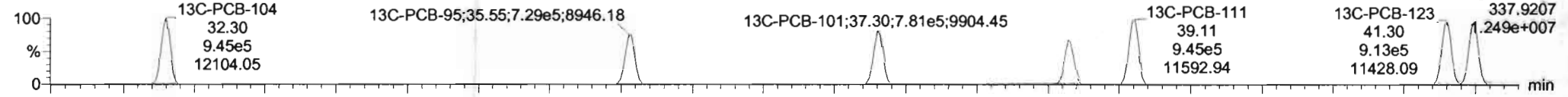


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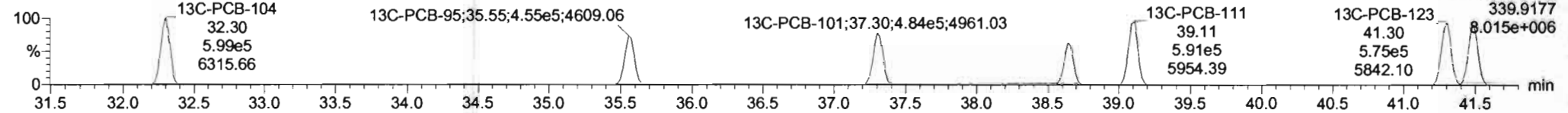


13C-PCB-104

201125K1_1

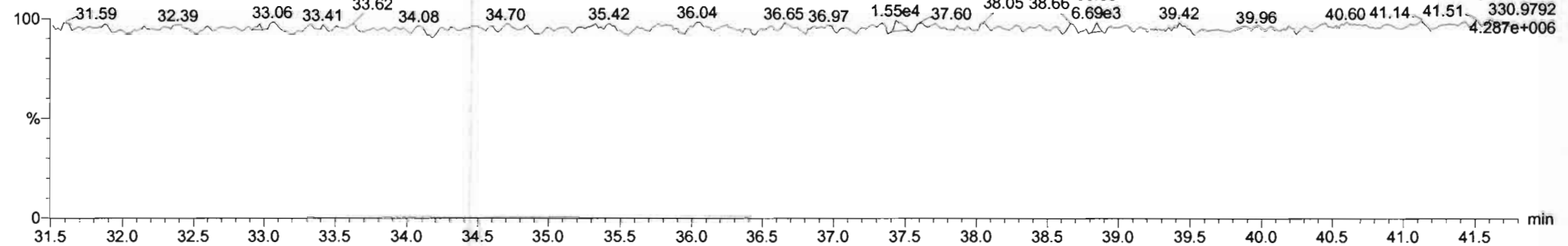


201125K1_1



PFK3b

201125K1_1



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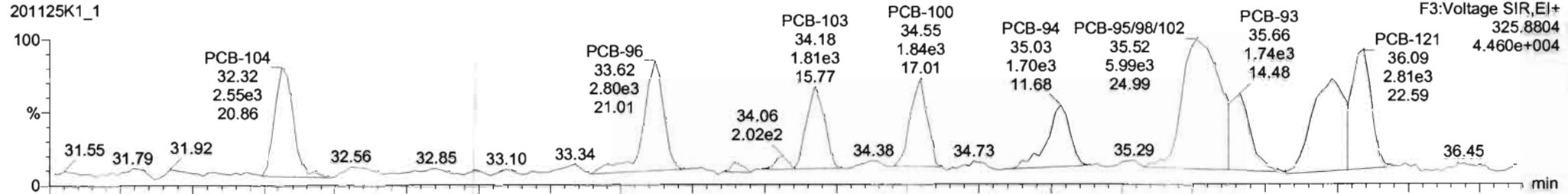
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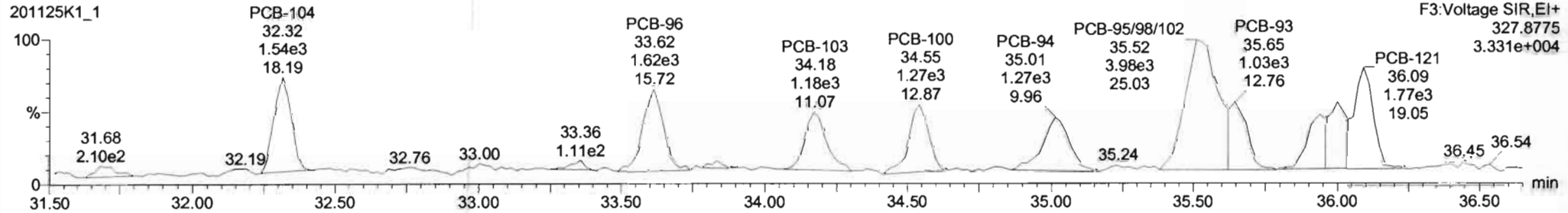
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PCB-96

201125K1_1

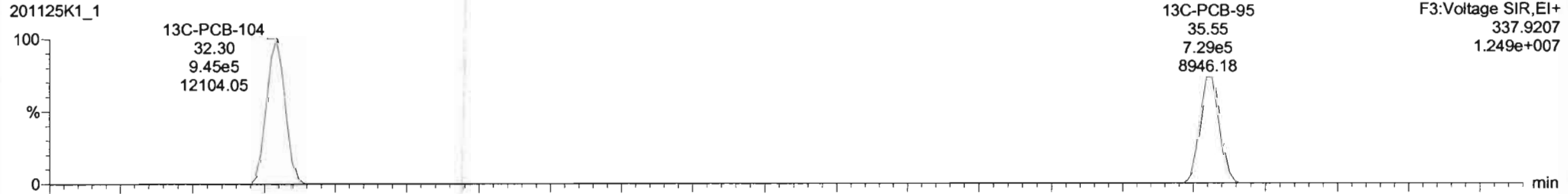


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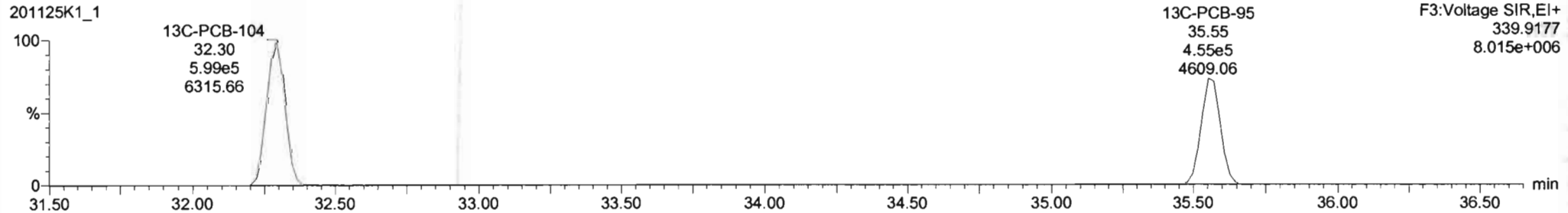


13C-PCB-95

201125K1_1

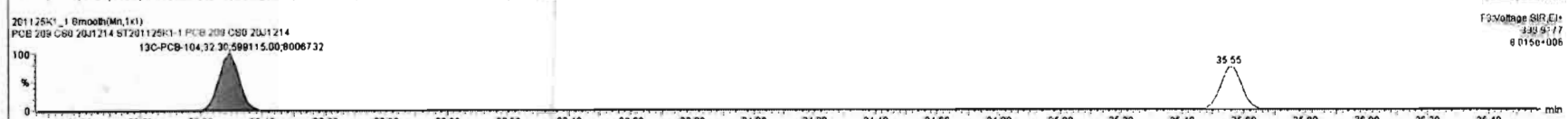
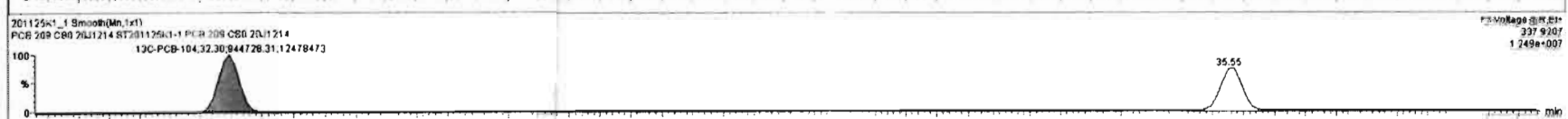
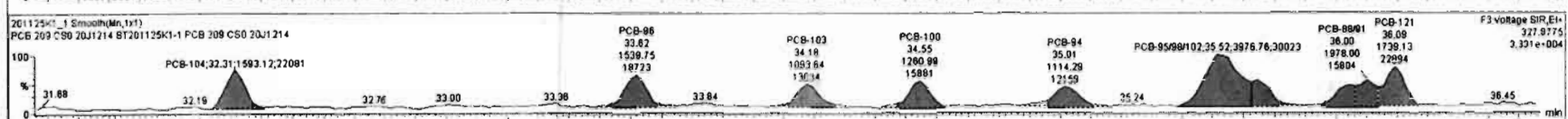
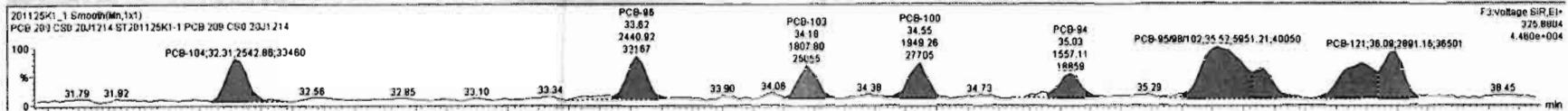


201125K1_1



#	Name	Resp	RA	nly	RRF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fal	Conc	%Rec	DL	EMPC
221	221 13C-PCB-178	0.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.988	0.989	NO	95.67	95.7	0.0474	
222	222 13C-PCB-79	2.04e6	0.77	NO	1.0415	1.000	37.63	37.64	0.968	0.968	NO	101.8	102	0.0412	
223	223 13C-PCB-178	0.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	96.87	96.7	0.0487	
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.000	0.000	NO	0.7448		0.0259	0.7450
225	225 Total Di-PCBs				1.0367	1.000	0.00	0.00	0.000	0.000	NO	3.084		0.152	3.084
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	2.118		0.0847	2.118
227	227 3rd Function Tri-PCBs				0.9887	1.000	0.00	0.00	0.000	0.000	NO	4.003		0.161	4.003
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.00	0.000	0.000	NO	10.71		0.559	10.71

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	64 PCB-104	32.32	32.31	2.543e3	1.593e3	1.560	1.80	NO	0.27300	0.27291
2	65 PCB-96	33.62	33.62	2.441e3	1.540e3	1.560	1.59	NO	0.26200	0.26245
3	66 PCB-103	34.17	34.18	1.808e3	1.094e3	1.560	1.85	NO	0.24400	0.24421
4	67 PCB-100	34.54	34.55	1.949e3	1.261e3	1.560	1.55	NO	0.25900	0.25940
5	68 PCB-94	35.03	35.03	1.357e3	1.114e3	1.560	1.40	NO	0.27200	0.27164
6	69 PCB-95/98/102	35.50	35.52	5.851e3	3.977e3	1.560	1.50	NO	0.28200	0.28213
7	70 PCB-83	35.65	35.67	1.717e3	1.002e3	1.560	1.71	NO	0.30200	0.30173
8	71 PCB-89/91	35.90	35.90	3.330e3	1.976e3	1.560	1.89	NO	0.48300	0.48325

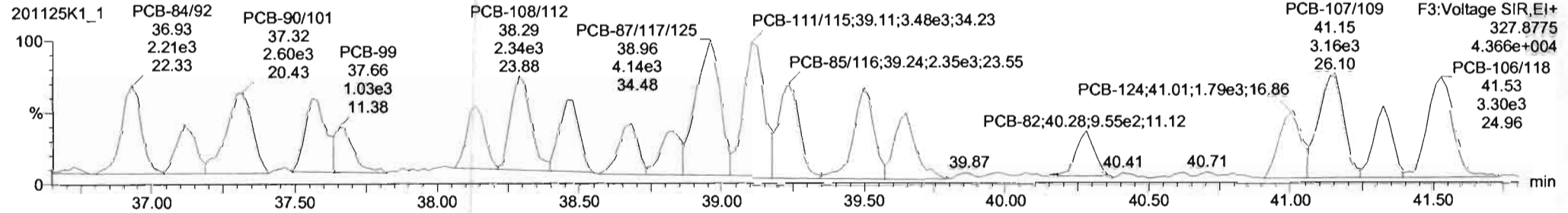
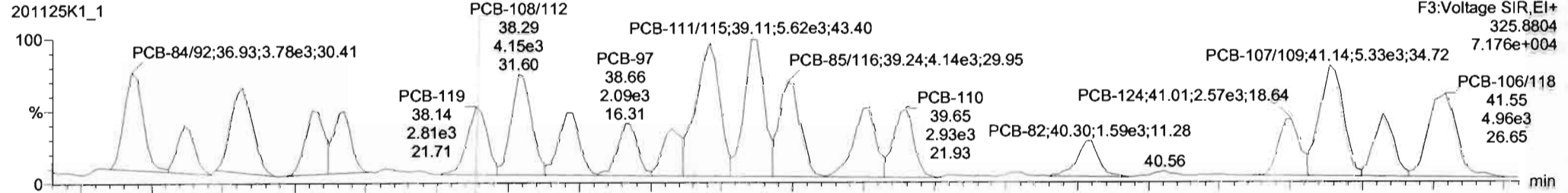


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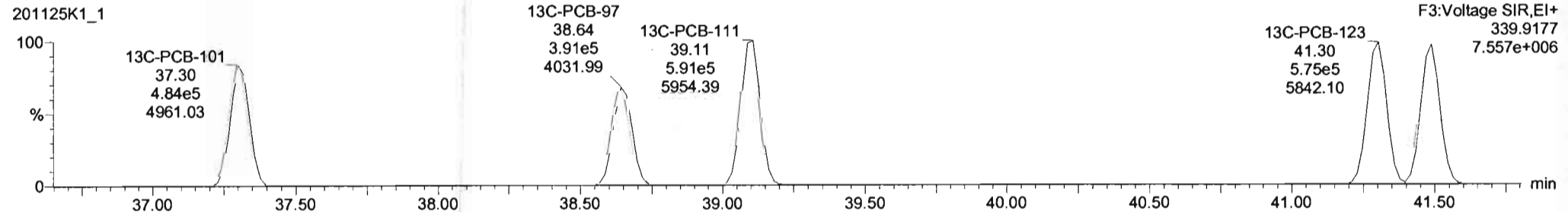
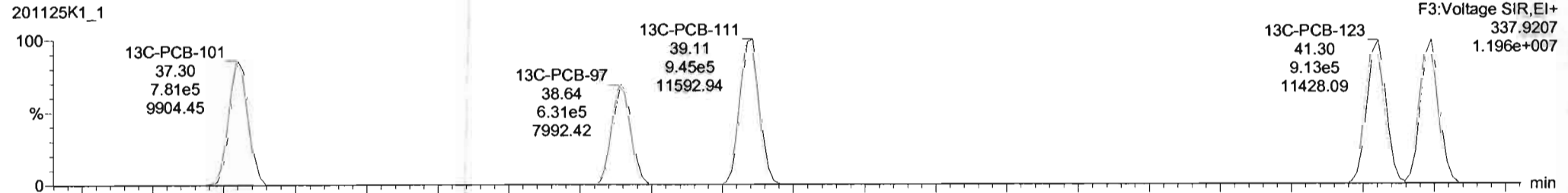
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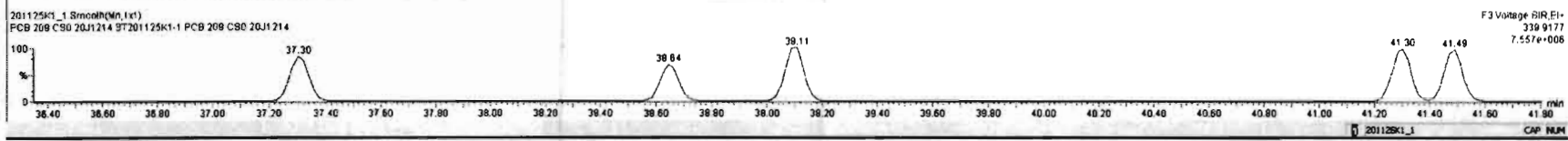
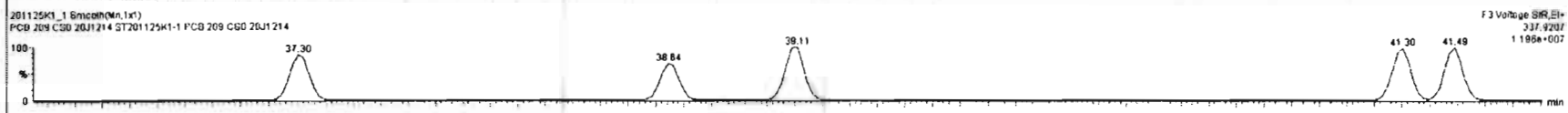
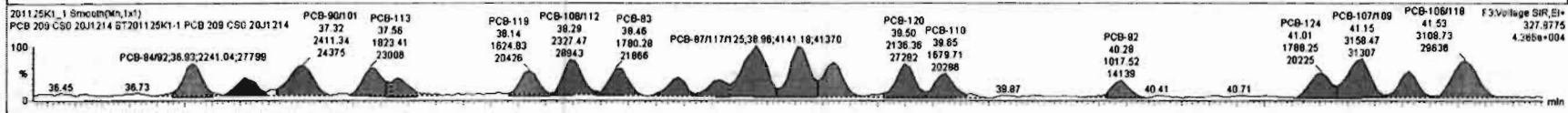
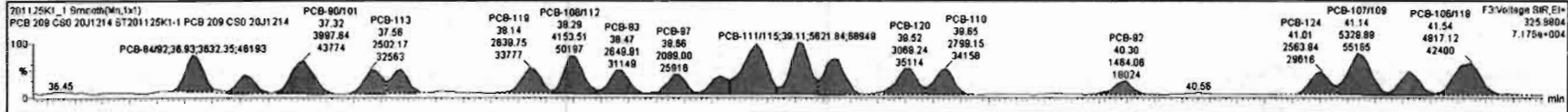


13C-PCB-111



#	Name	Resp	RA	n/y	RRF	wAve	Pred.RT	RT	Pred.R...	RRF	RRF Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	0.05e5	0.45	NO	0.7744	1.000	45.72	45.73	0.980	0.980	NO	95.67	95.7	0.0474	
222	222 13C-PCB-79	2.04e6	0.77	NO	1.0415	1.000	37.63	37.64	0.968	0.968	NO	101.8	102	0.0412	
223	223 13C-PCB-178	0.05e5	0.45	NO	1.0180	1.000	45.71	45.73	0.923	0.923	NO	96.67	96.7	0.0487	
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.000	0.000	NO	0.7448		0.0259	0.7450
225	225 Total Di-PCBs				1.0267	1.000	0.00	0.00	0.000	0.000	NO	3.084		0.152	3.084
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	2.118		0.0947	2.118
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00	0.00	0.000	0.000	NO	4.003		0.181	4.003
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.00	0.000	0.000	NO	10.71		0.559	10.71

#	Name	Pred.RT	RT	Int Resp	m2 Resp	* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.32	32.31	2.543e3	1.593e3	1.560	1.60	NO	0.27300	0.27291
2	65 PCB-96	33.62	33.62	2.441e3	1.540e3	1.560	1.58	NO	0.26200	0.26245
3	66 PCB-103	34.17	34.18	1.808e3	1.094e3	1.560	1.85	NO	0.24400	0.24421
4	67 PCB-100	34.54	34.55	1.948e3	1.261e3	1.560	1.55	NO	0.25800	0.25840
5	68 PCB-84	35.03	35.03	1.567e3	1.114e3	1.560	1.40	NO	0.27200	0.27184
6	69 PCB-95/96/102	35.50	35.52	5.951e3	3.977e3	1.560	1.50	NO	0.26300	0.26313
7	70 PCB-83	36.65	36.67	1.717e3	1.003e3	1.560	1.71	NO	0.30200	0.30173
8	71 PCB-86/81	36.98	36.98	3.328e3	1.978e3	1.560	1.69	NO	0.48300	0.48325
9	72 PCB-121	36.09	36.08	2.891e3	1.738e3	1.560	1.68	NO	0.26700	0.26700

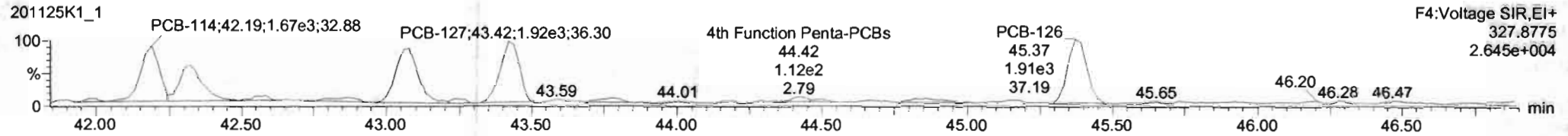
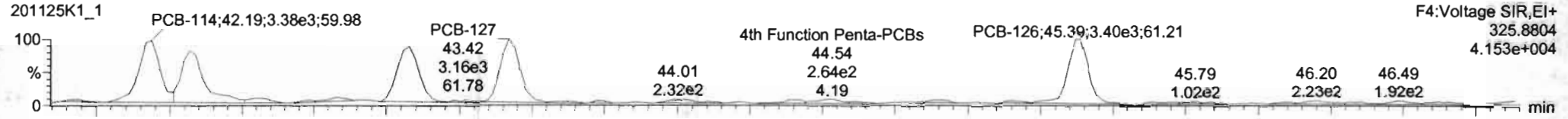


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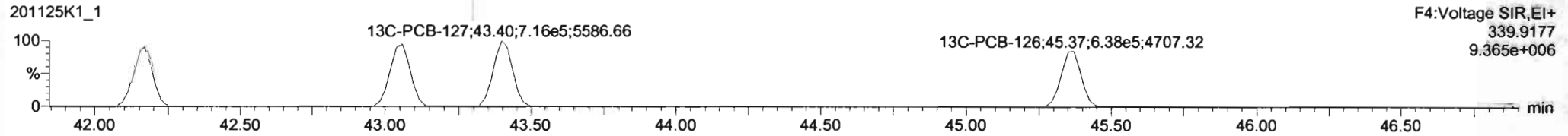
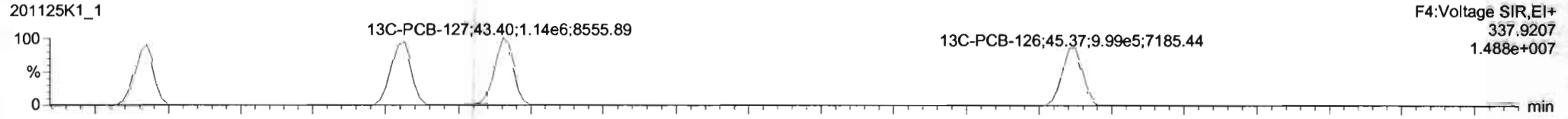
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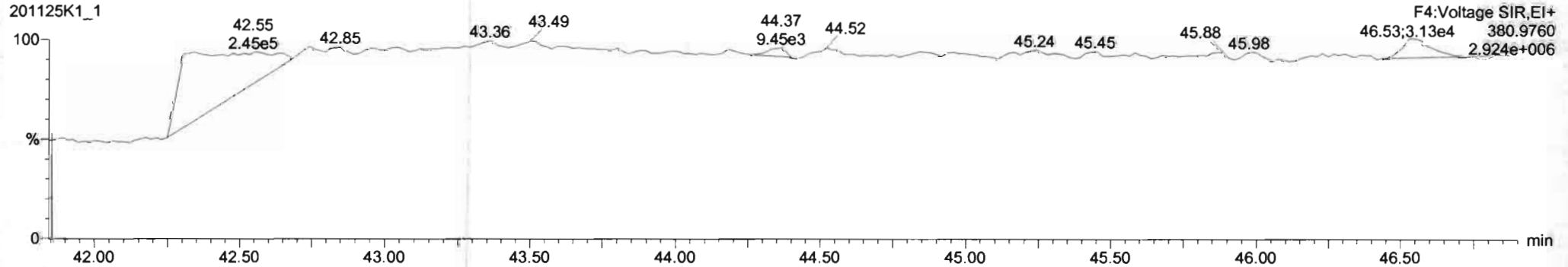
PCB-114



13C-PCB-114



PFK4a



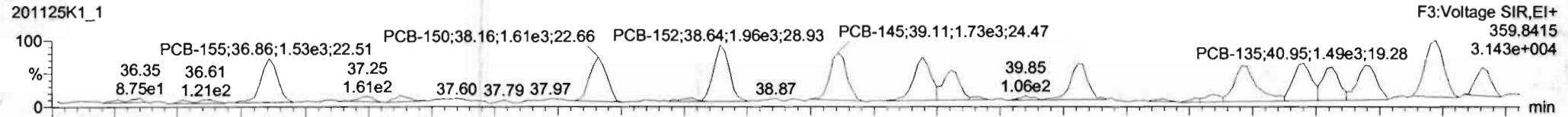
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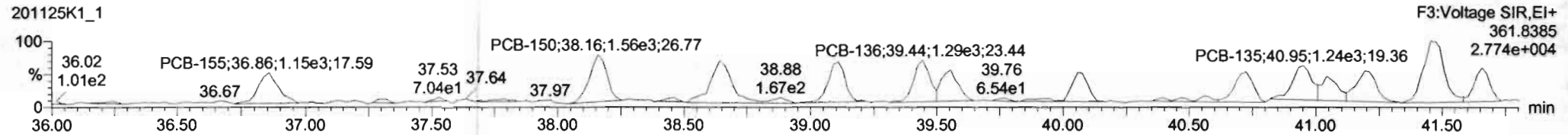
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PCB-155

201125K1_1

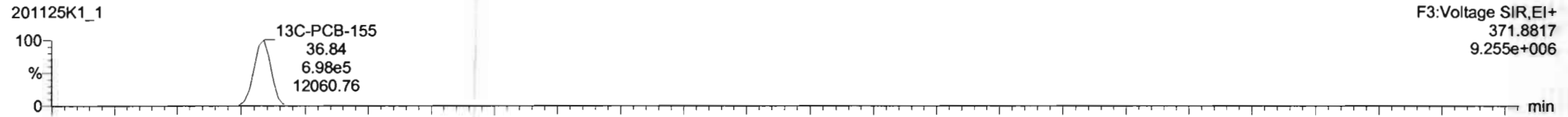


201125K1_1

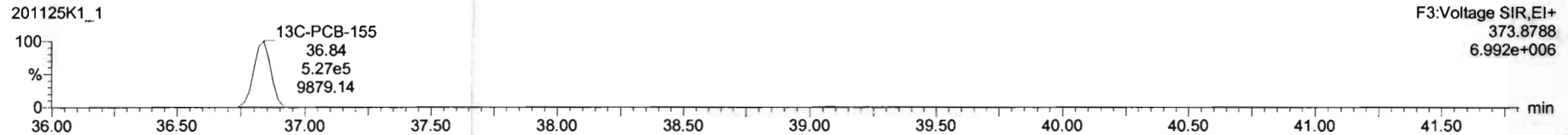


13C-PCB-155

201125K1_1

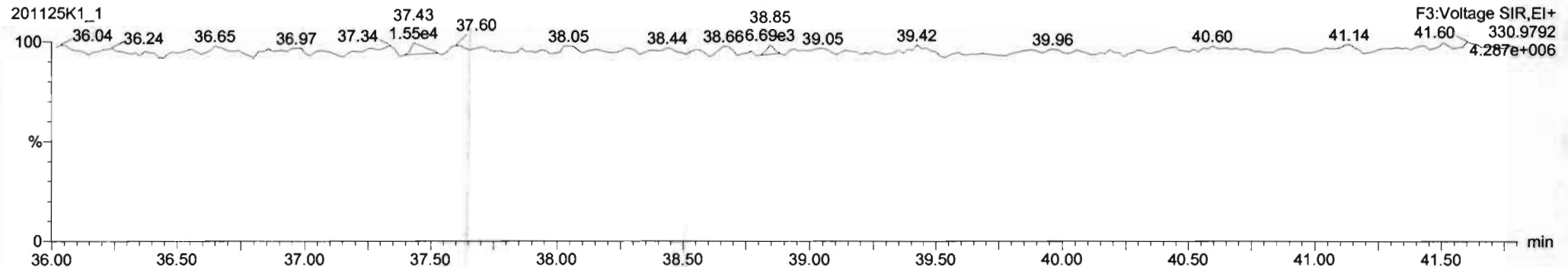


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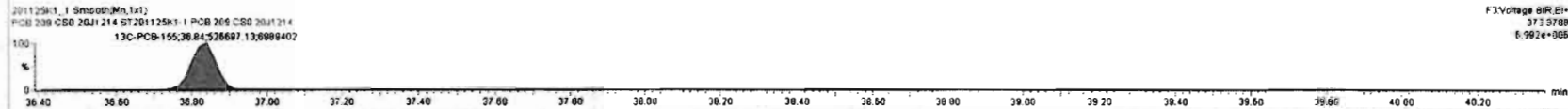
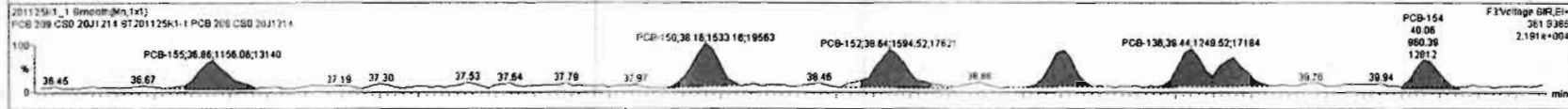
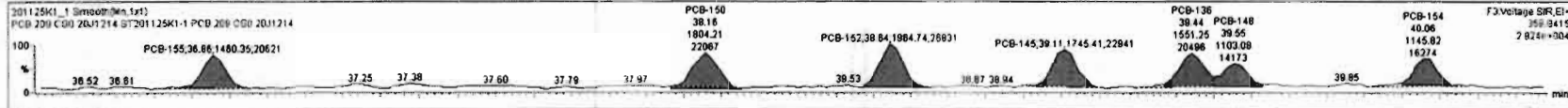
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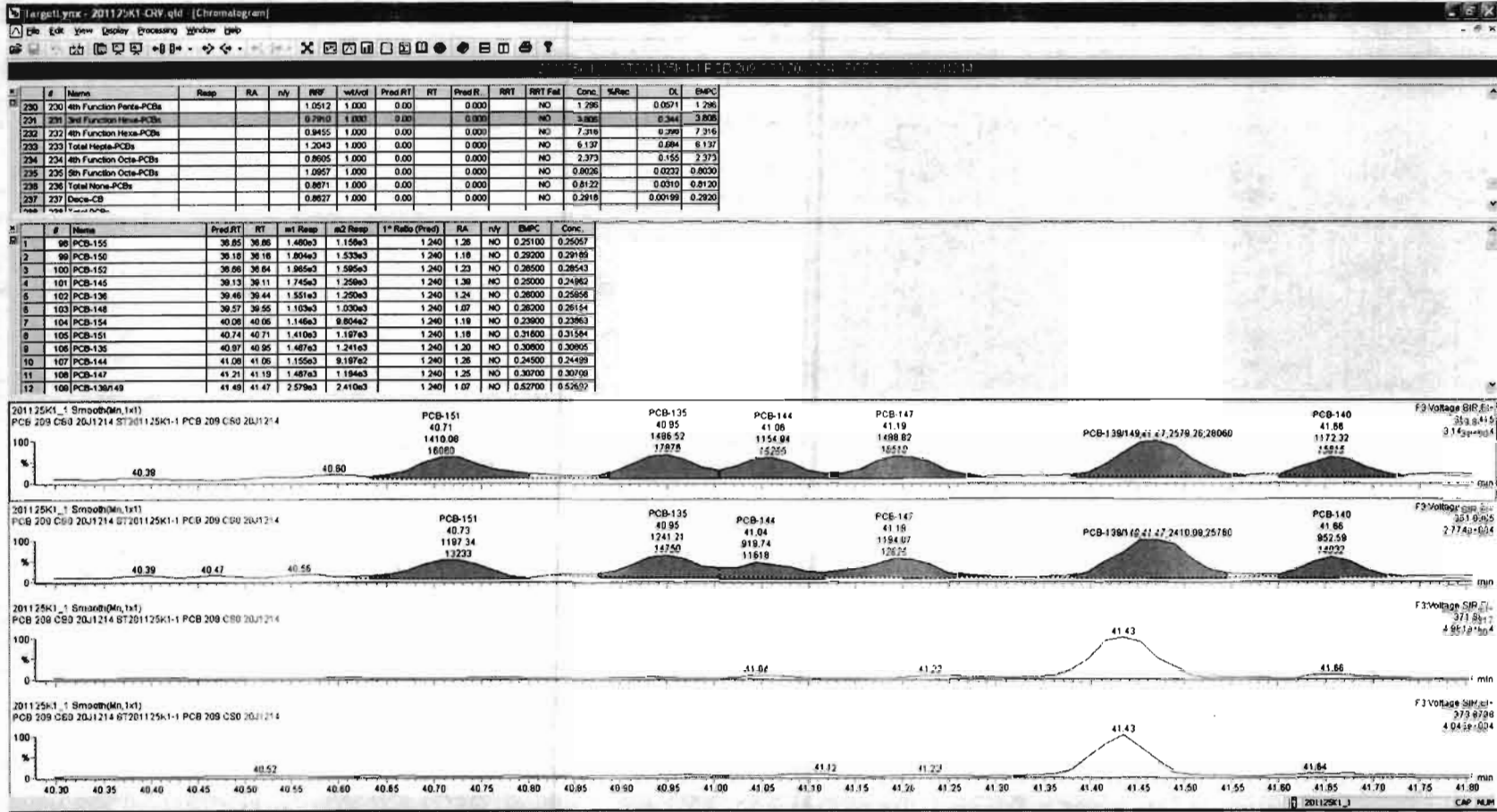
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#	Name	Resp	RA	rvy	RNF	wCvt	Prod RT	RT	Prod.R	RRT	RRT Std	Conc	uRec	DL	EMPC
230	4th Function Para-PCBs				1.0512	1.000	0.00		0.000		NO	1.296		0.0571	1.296
231	3rd Function Hepta-PCBs				0.7956	1.000	0.00		0.000		NO	3.836		0.344	3.836
232	4th Function Hepta-PCBs				0.9455	1.000	0.00		0.000		NO	7.316		0.396	7.316
233	Total Hepta-PCBs				1.2043	1.000	0.00		0.000		NO	6.137		0.694	6.137
234	4th Function Octa-PCBs				0.8606	1.000	0.00		0.000		NO	2.373		0.155	2.373
235	5th Function Octa-PCBs				1.0957	1.000	0.00		0.000		NO	0.8026		0.0232	0.8030
236	Total Nona-PCBs				0.8671	1.000	0.00		0.000		NO	0.8122		0.0310	0.8120
237	Deca-CB				0.8527	1.000	0.00		0.000		NO	0.2918		0.00189	0.2920

#	Name	Prod RT	RT	wt Resp	m2 Resp	1* Ratio (Prod)	RA	rvy	EMPC	Conc
1	90 PCB-155	36.85	36.86	1.480e3	1.156e3	1.240	1.26	NO	0.25100	0.25057
2	90 PCB-150	38.18	38.16	1.804e3	1.530e3	1.240	1.18	NO	0.29200	0.29169
3	100 PCB-152	38.86	38.84	1.985e3	1.595e3	1.240	1.23	NO	0.28500	0.28543
4	101 PCB-145	38.13	38.11	1.745e3	1.259e3	1.240	1.38	NO	0.25500	0.24982
5	102 PCB-136	38.46	38.44	1.551e3	1.250e3	1.240	1.24	NO	0.26000	0.25956
6	103 PCB-148	38.67	38.55	1.103e3	1.030e3	1.240	1.07	NO	0.26200	0.26154
7	104 PCB-154	40.06	40.06	1.146e3	9.894e2	1.240	1.19	NO	0.23600	0.23663
8	105 PCB-151	40.74	40.71	1.410e3	1.187e3	1.240	1.18	NO	0.31600	0.31584
9	106 PCB-135	40.97	40.95	1.487e3	1.241e3	1.240	1.20	NO	0.30800	0.30805
10	107 PCB-144	41.08	41.08	1.155e3	8.187e2	1.240	1.28	NO	0.24500	0.24498
11	108 PCB-147	41.21	41.19	1.487e3	1.194e3	1.240	1.25	NO	0.30700	0.30708



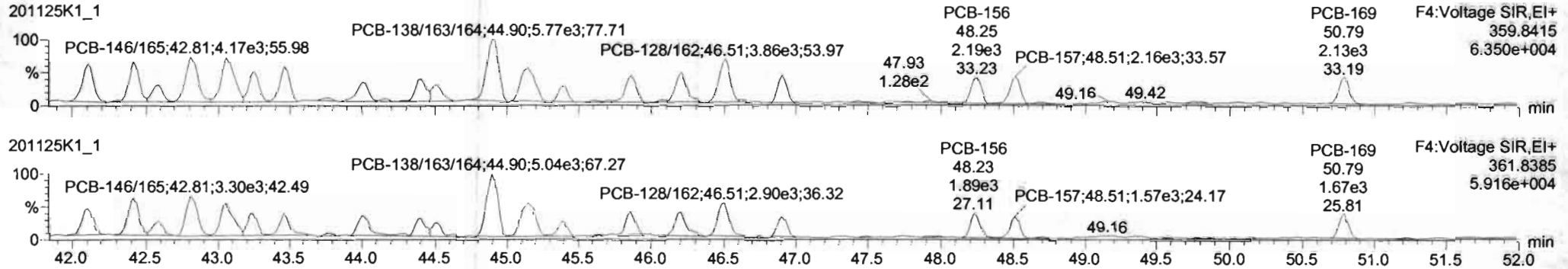


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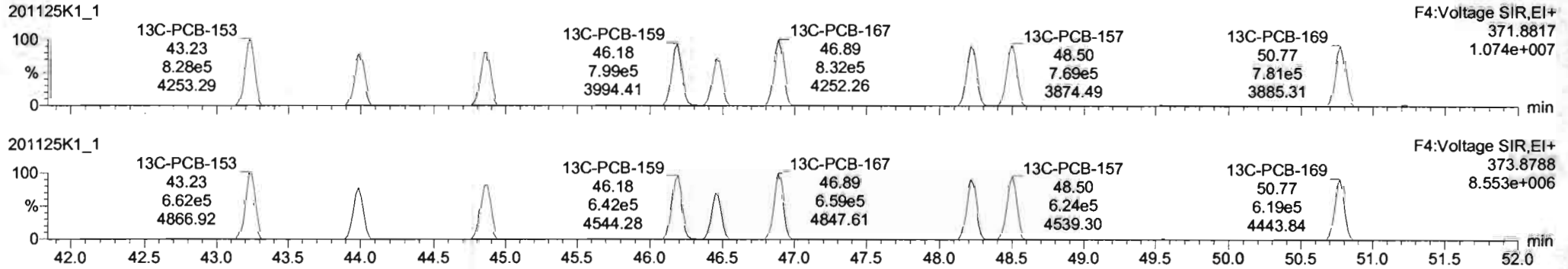
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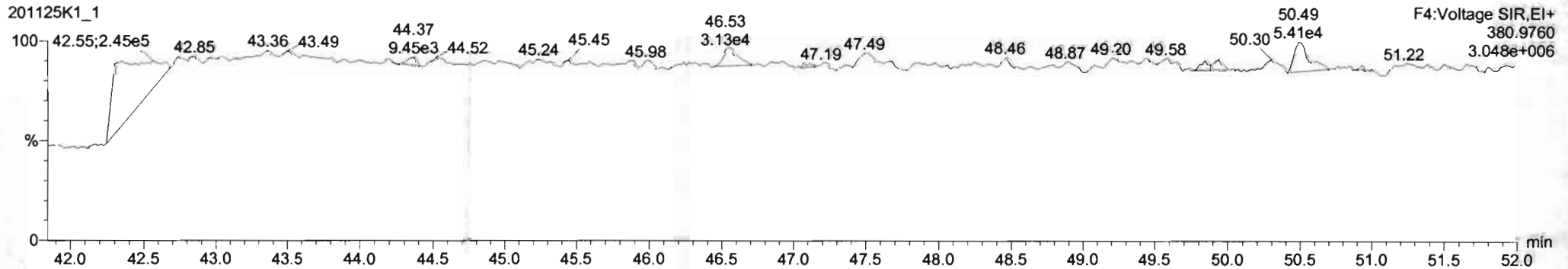
PCB-134/143

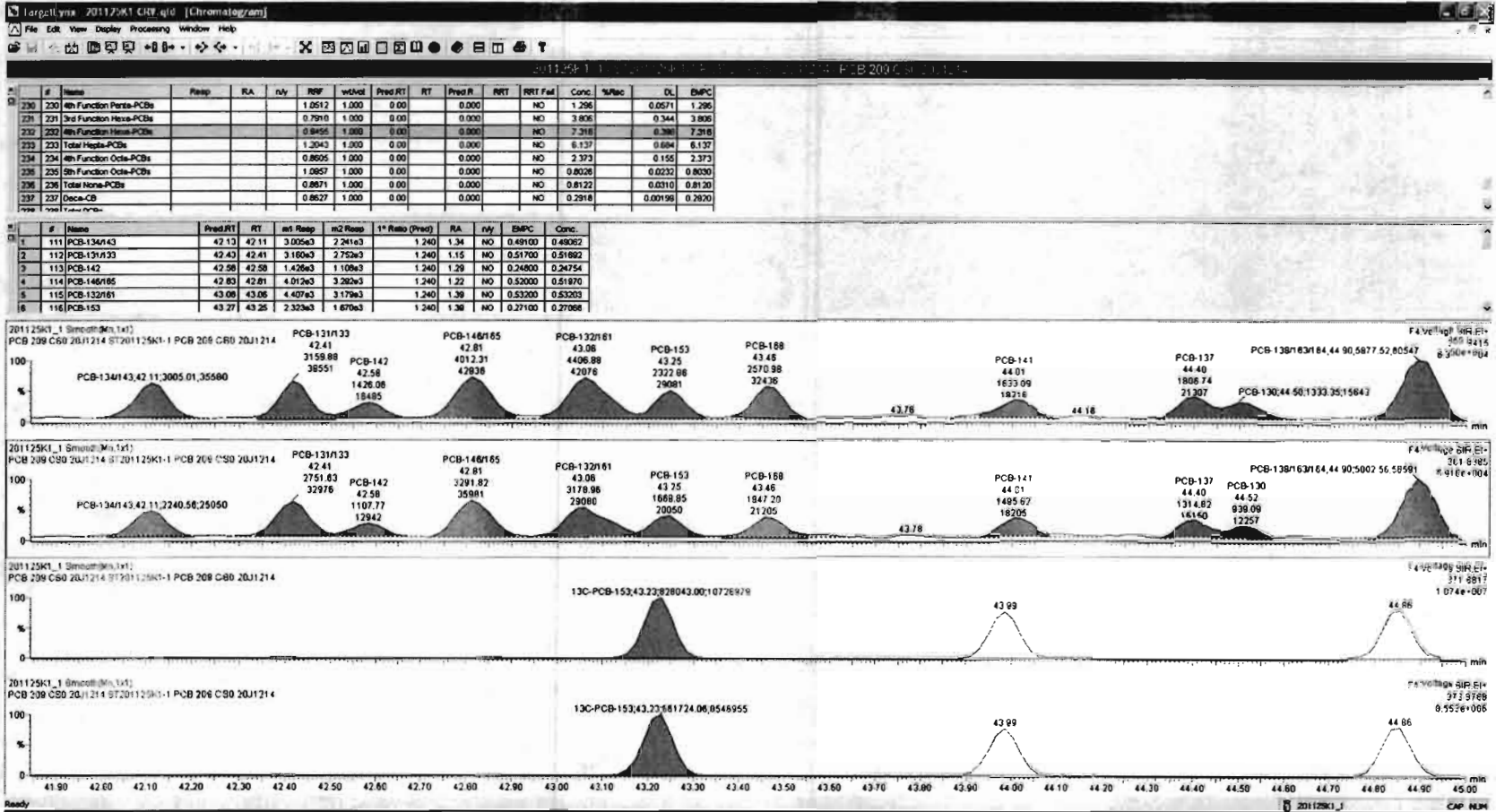


13C-PCB-153



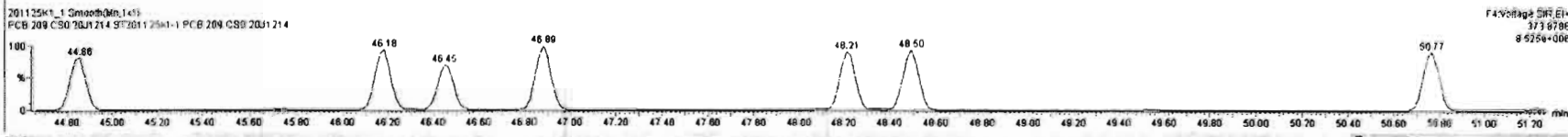
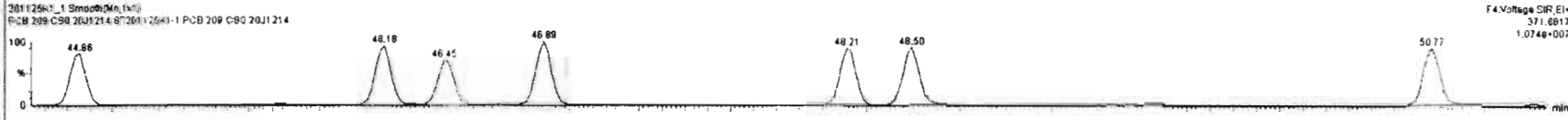
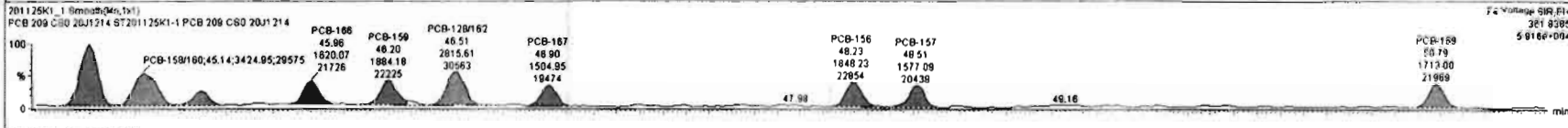
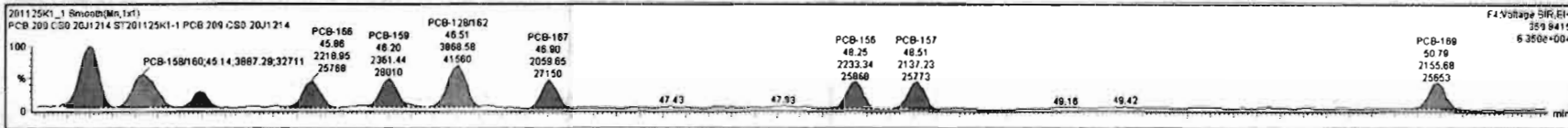
PFK4b





#	Name	Resp	RA	n/y	RRF	wVol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	BMP
230	230 4th Function Penta-PCBs				1.0512	1.000	0.000	0.000	0.000	NO	NO	1.290	0.0571	1.296	
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.000	0.000	0.000	NO	NO	3.806	0.344	3.806	
232	232 4th Function Hexa-PCBs				0.9435	1.000	0.000	0.000	0.000	NO	NO	7.318	0.396	7.318	
233	233 Total Hepto-PCBs				1.2043	1.000	0.000	0.000	0.000	NO	NO	6.137	0.684	6.137	
234	234 4th Function Octa-PCBs				0.8605	1.000	0.000	0.000	0.000	NO	NO	2.373	0.155	2.373	
235	235 5th Function Octa-PCBs				1.0957	1.000	0.000	0.000	0.000	NO	NO	0.8028	0.0232	0.8030	
236	236 Total Nona-PCBs				0.8671	1.000	0.000	0.000	0.000	NO	NO	0.8122	0.0310	0.8120	
237	237 Deca-CB				0.8627	1.000	0.000	0.000	0.000	NO	NO	0.2818	0.00198	0.2820	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	BMP	Conc
1	111 PCB-134/143	42.13	42.11	3.005e3	2.241e3	1.240	1.34	NO	0.49100	0.49062
2	112 PCB-131/133	42.43	42.41	3.180e3	2.752e3	1.240	1.15	NO	0.51700	0.51682
3	113 PCB-142	42.58	42.58	1.426e3	1.108e3	1.240	1.28	NO	0.24800	0.24754
4	114 PCB-146/165	42.83	42.81	4.012e3	3.292e3	1.240	1.22	NO	0.53000	0.51970
5	115 PCB-132/161	43.08	43.06	4.407e3	3.178e3	1.240	1.38	NO	0.53200	0.53203
6	116 PCB-153	43.27	43.25	2.323e3	1.870e3	1.240	1.38	NO	0.27100	0.27088



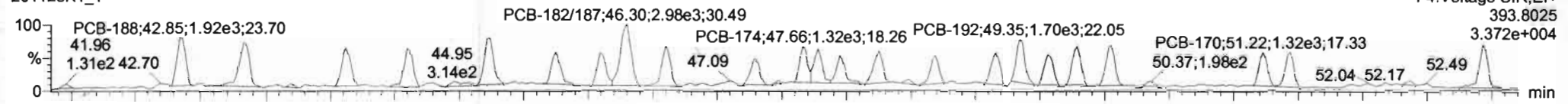
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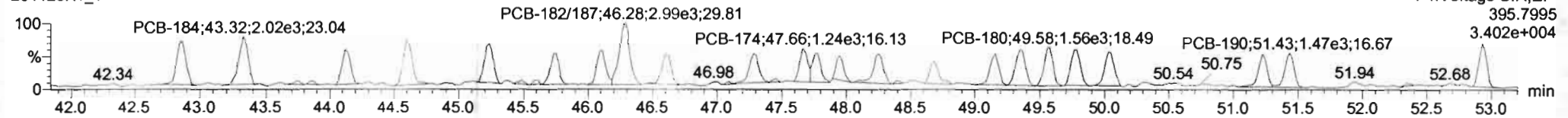
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PCB-188

201125K1_1

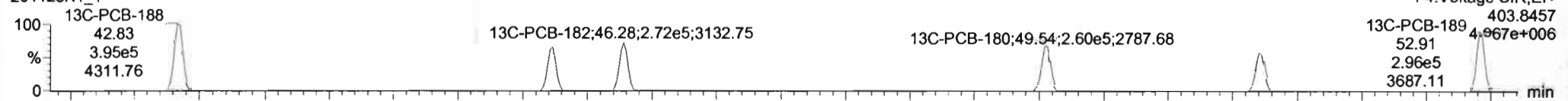


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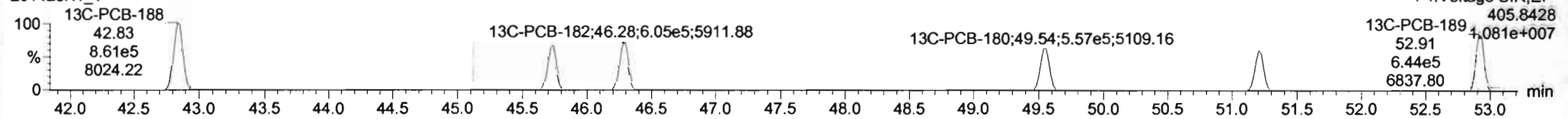


13C-PCB-188

201125K1_1

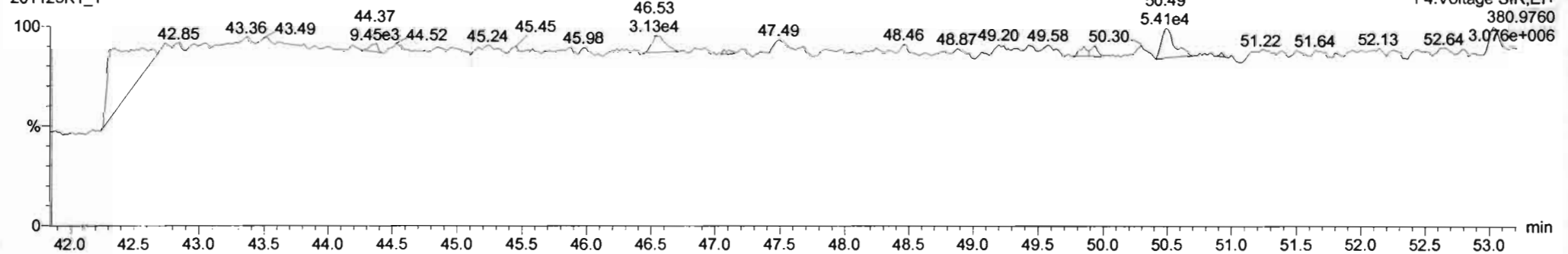


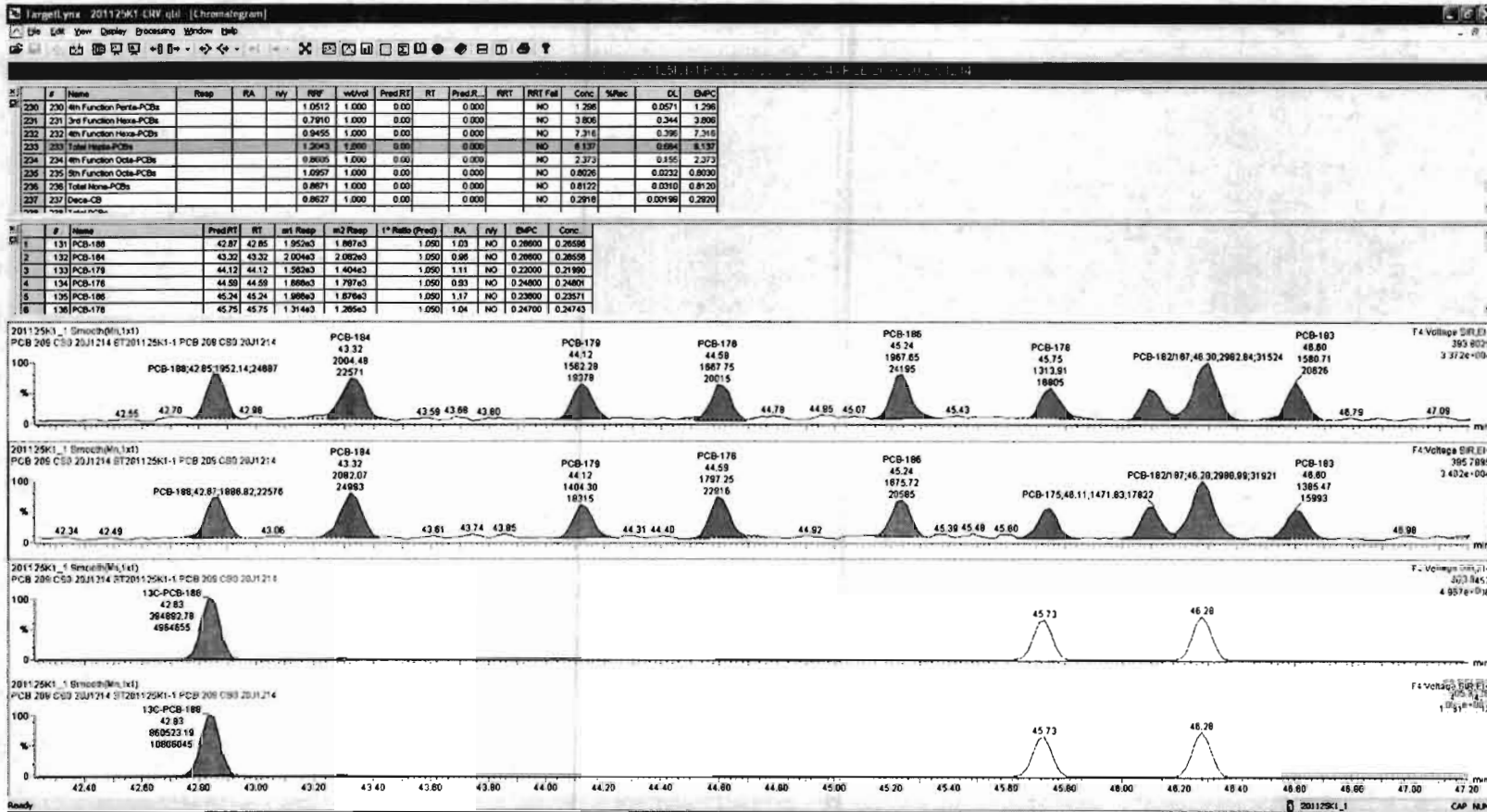
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PFK4c

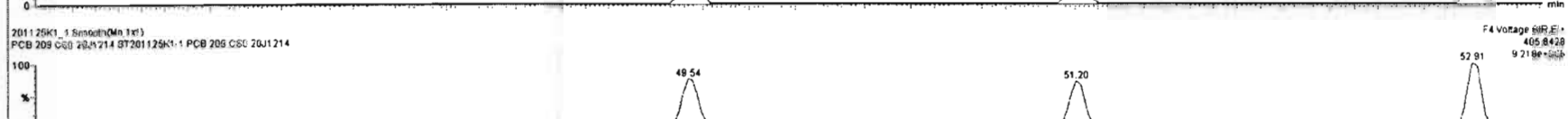
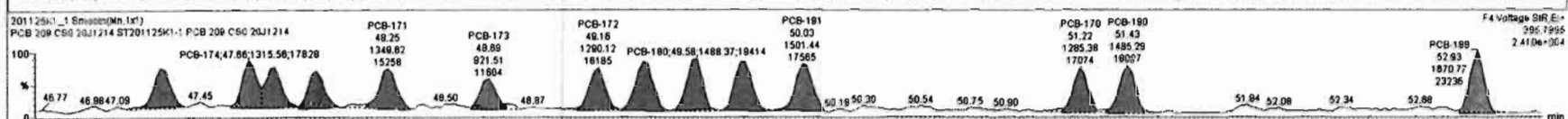
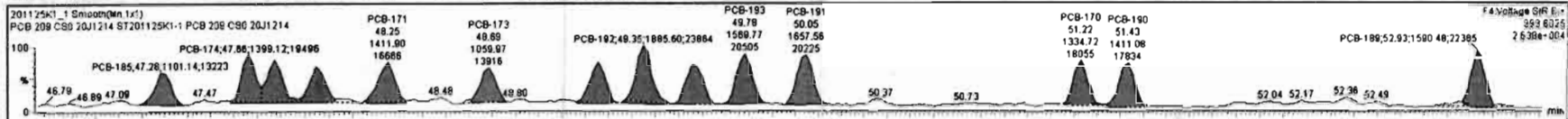
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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	1.296		0.0571	1.296
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	3.806		0.344	3.806
232	232 4th Function Hexa-PCBs				0.9455	1.000	0.00		0.000		NO	7.316		0.396	7.316
233	233 Total Hepta-PCBs				1.2063	1.000	0.00		0.000		NO	6.137		0.894	6.137
234	234 4th Function Octa-PCBs				0.8605	1.000	0.00		0.000		NO	2.373		0.155	2.373
235	235 5th Function Octa-PCBs				1.0657	1.000	0.00		0.000		NO	0.8026		0.0232	0.8030
236	236 Total Nona-PCBs				0.8871	1.000	0.00		0.000		NO	0.8122		0.0310	0.8120
237	237 Deca-CB				0.8627	1.000	0.00		0.000		NO	0.2916		0.00199	0.2920

#	Name	Pred.RT	RT	wt Resp	nt Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	42.87	42.85	1.952e3	1.887e3	1.050	1.03	NO	0.26600	0.26596
2	132 PCB-184	43.32	43.32	2.004e3	2.002e3	1.050	0.96	NO	0.26600	0.26558
3	133 PCB-179	44.12	44.12	1.562e3	1.404e3	1.050	1.11	NO	0.22000	0.21990
4	134 PCB-176	44.58	44.58	1.696e3	1.797e3	1.050	0.93	NO	0.24800	0.24801
5	135 PCB-186	45.24	45.24	1.866e3	1.678e3	1.050	1.17	NO	0.23900	0.23571
6	136 PCB-178	45.75	45.75	1.314e3	1.265e3	1.050	1.04	NO	0.24700	0.24743



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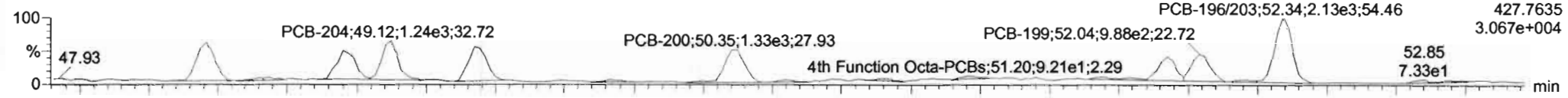
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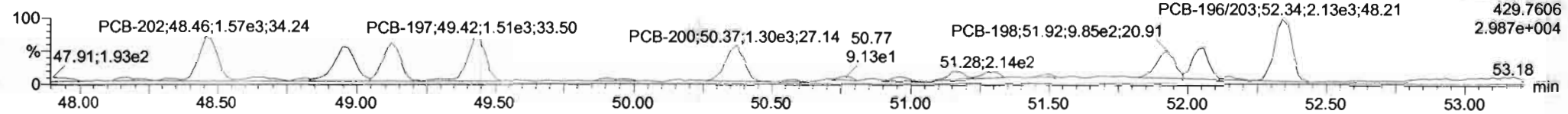
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PCB-202

201125K1_1

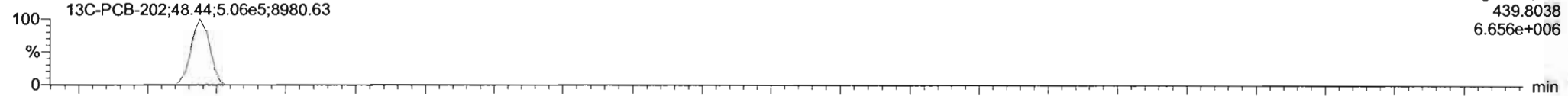


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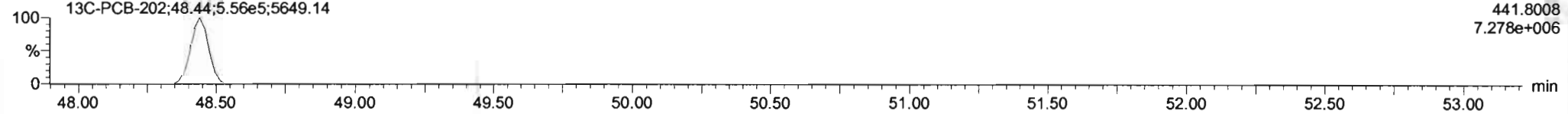


13C-PCB-202

201125K1_1

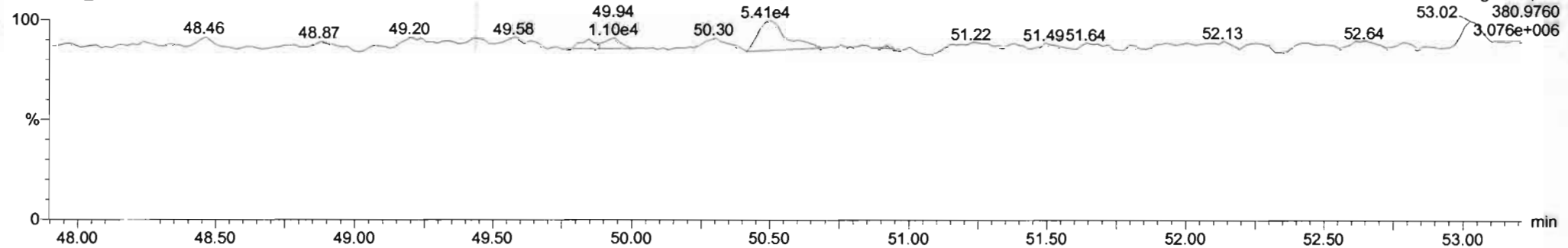


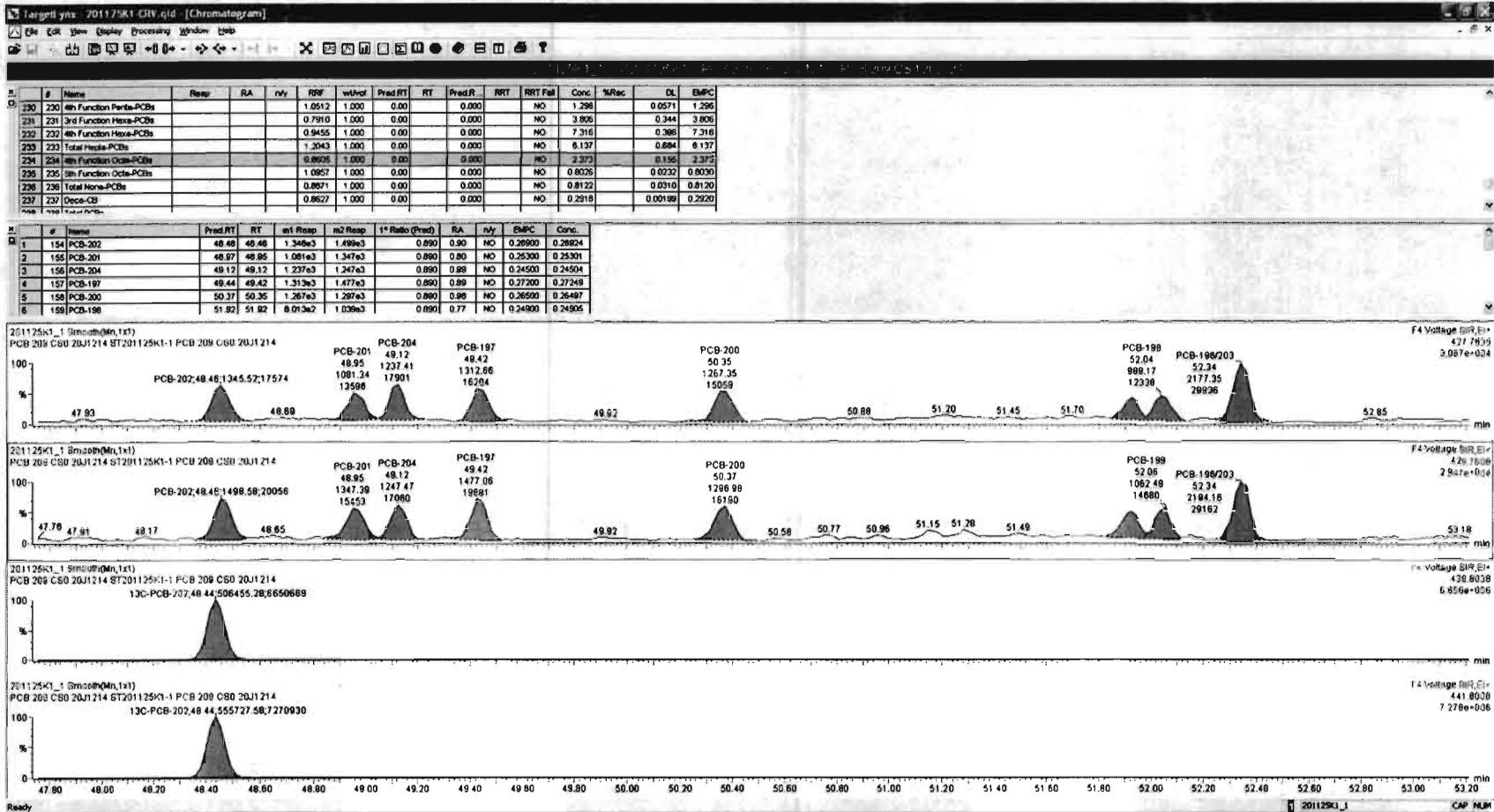
201125K1_1



PFK4d

201125K1_1





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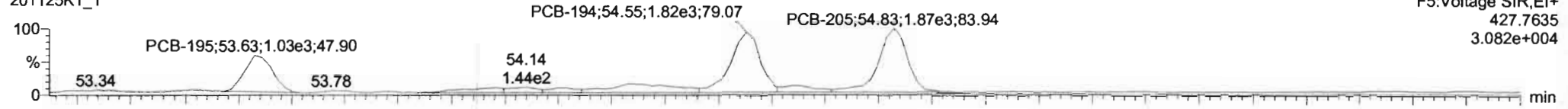
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

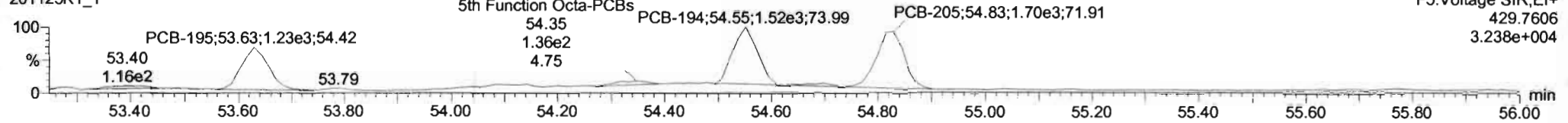
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PCB-195

201125K1_1

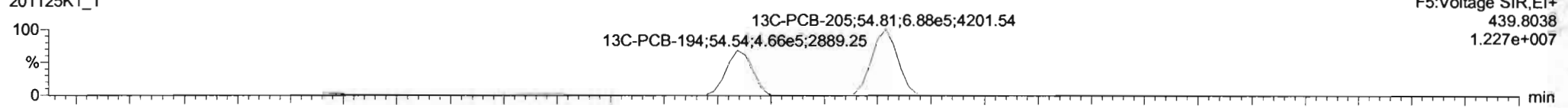


201125K1_1

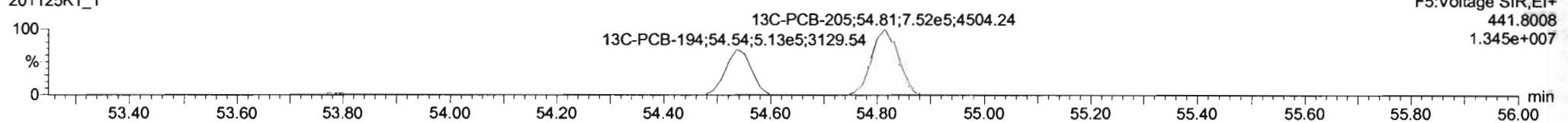


13C-PCB-194

201125K1_1

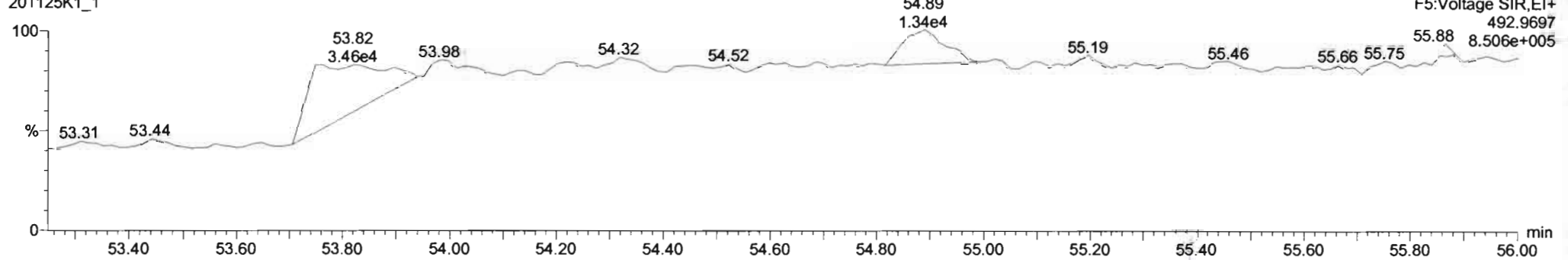


201125K1_1



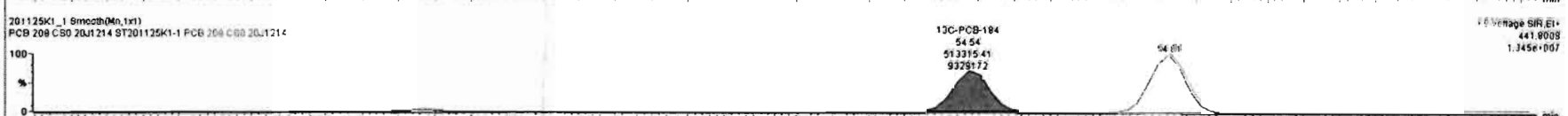
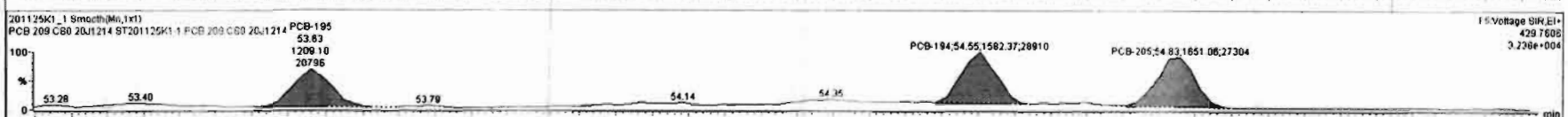
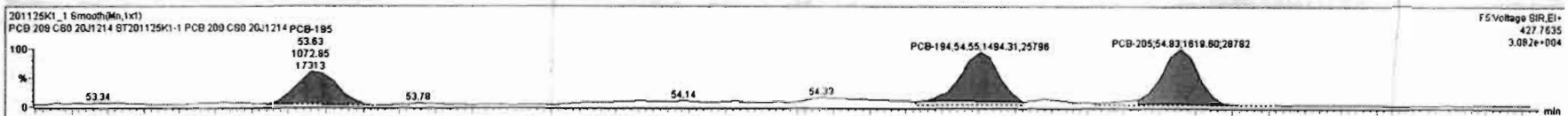
PFK5a

201125K1_1



#	Name	Resp	RA	nly	RPF	wt/wt	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230	4th Function Penta-PCBs			1.0512	1.000	0.00		0.000		NO	1.296		0.0571	1.296
231	231	3rd Function Hexa-PCBs			0.7910	1.000	0.00		0.000		NO	3.806		0.344	3.806
232	232	4th Function Hexa-PCBs			0.9455	1.000	0.00		0.000		NO	7.316		0.396	7.316
233	233	Total Hepta-PCBs			1.2043	1.000	0.00		0.000		NO	6.137		0.684	6.137
234	234	4th Function Octa-PCBs			0.8605	1.000	0.00		0.000		NO	2.373		0.155	2.373
235	235	5th Function Octa-PCBs			1.0957	1.000	0.00		0.000		NO	0.8026		0.0232	0.8030
236	236	Total Nona-PCBs			0.8671	1.000	0.00		0.000		NO	0.8122		0.0310	0.8120
237	237	Deca-CB			0.8627	1.000	0.00		0.000		NO	0.2918		0.00199	0.2920

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	162 PCB-195	53.64	53.63	1.073e3	1.209e3	0.890	0.69	NO	0.24300	0.24337
2	163 PCB-194	54.55	54.55	1.494e3	1.592e3	0.890	0.94	NO	0.29600	0.29614
3	164 PCB-205	54.83	54.83	1.620e3	1.651e3	0.890	0.99	NO	0.26300	0.26312



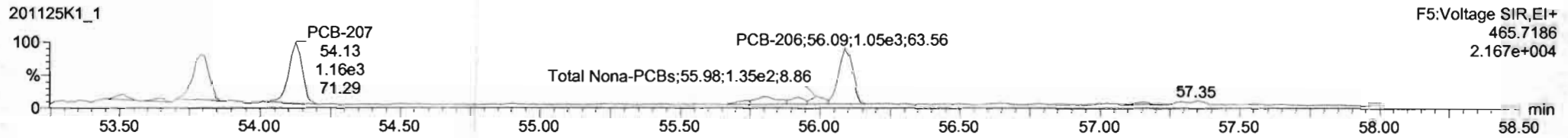
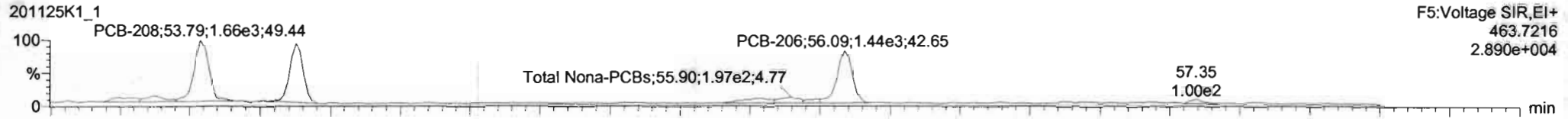
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

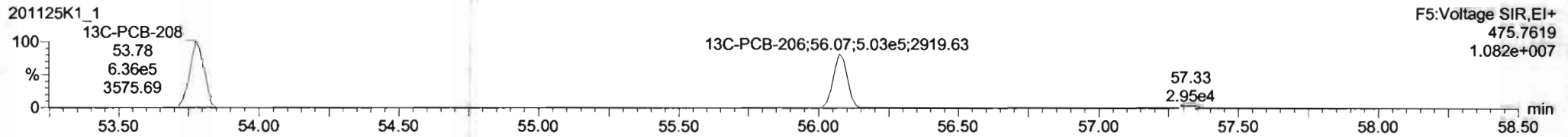
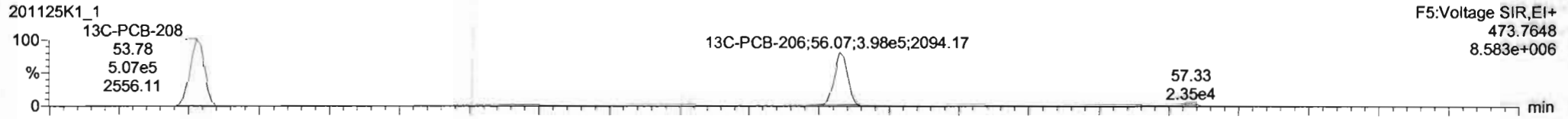
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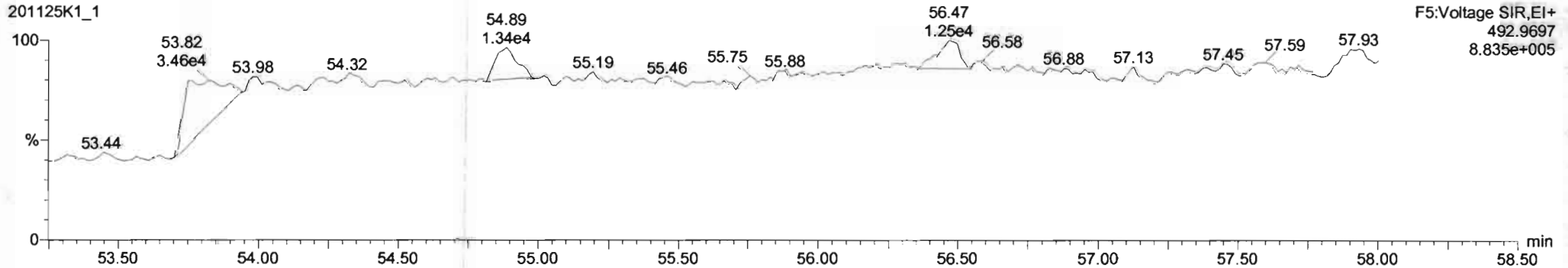
PCB-208



13C-PCB-208

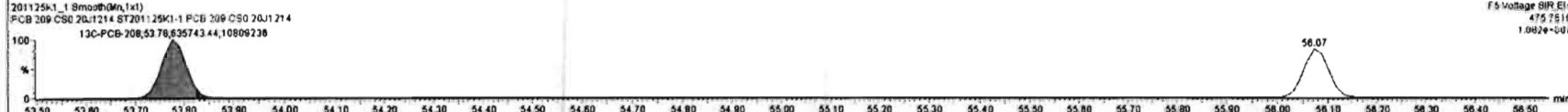
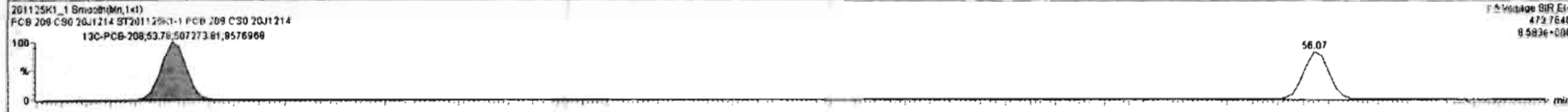


PFK5



#	Name	Resp	RA	n/y	R/R	w/Acf	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000	0.000	NO		1.296	0.0571	1.296	
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000	NO		3.806	0.344	3.806	
232	4th Function Hexa-PCBs				0.9455	1.000	0.00	0.000	0.000	NO		7.316	0.399	7.316	
233	Total Hepta-PCBs				1.2043	1.000	0.00	0.000	0.000	NO		6.137	0.664	6.137	
234	4th Function Octa-PCBs				0.8605	1.000	0.00	0.000	0.000	NO		2.373	0.156	2.373	
235	5th Function Octa-PCBs				1.0957	1.000	0.00	0.000	0.000	NO		0.8026	0.0222	0.8030	
236	Total Nona-PCBs				0.8627	1.000	0.00	0.000	0.000	NO		0.8122	0.0210	0.8120	
237	Deca-Cl				0.8627	1.000	0.00	0.000	0.000	NO		0.2918	0.00199	0.2920	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	**Ratio (Pred)	RA	n/y	EMPC	Conc.
1	165 PCB-208	53.79	53.79	1.489e3	9.991e2	1.340	1.48	NO	0.25300	0.26290
2	166 PCB-207	54.13	54.13	1.489e3	1.157e3	1.340	1.29	NO	0.27300	0.27254
3	167 PCB-206	56.09	56.09	1.405e3	1.053e3	1.340	1.33	NO	0.28700	0.28671



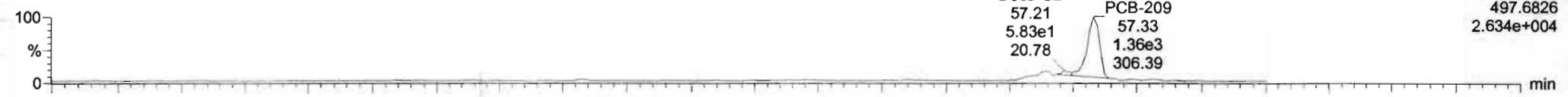
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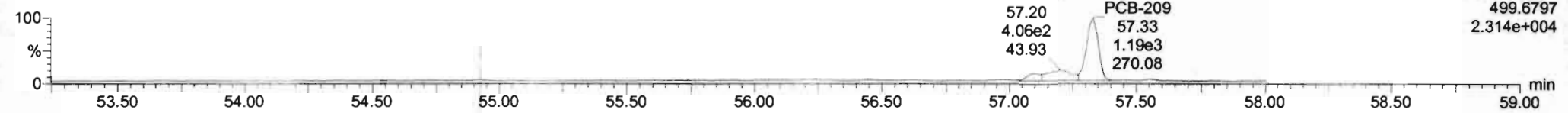
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PCB-209

201125K1_1

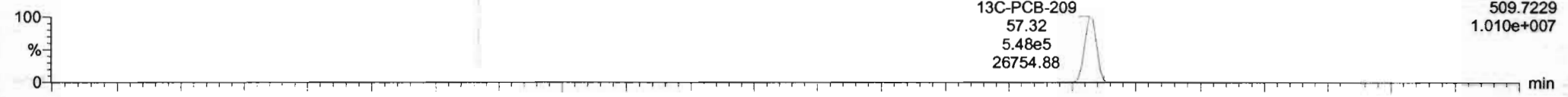


201125K1_1

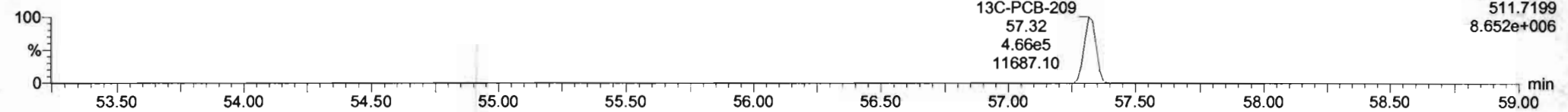


13C-PCB-209

201125K1_1

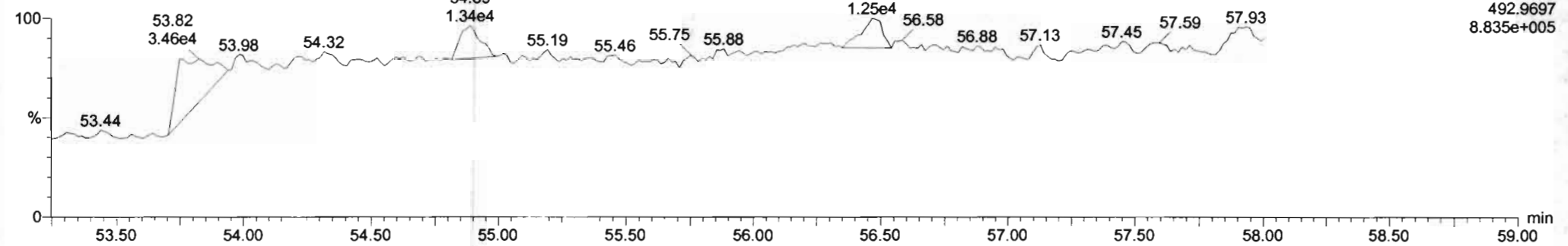


201125K1_1



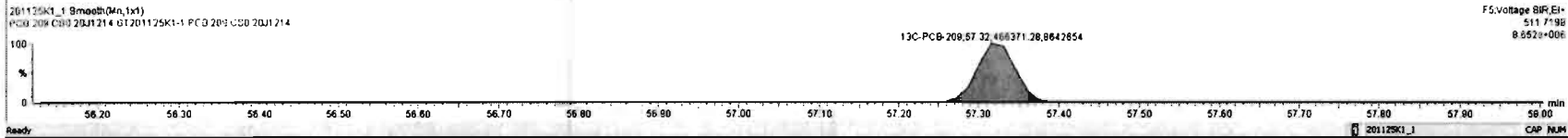
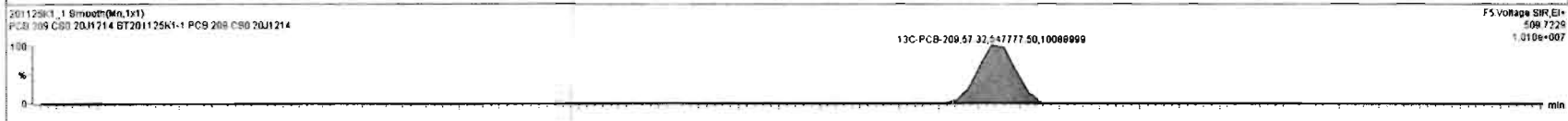
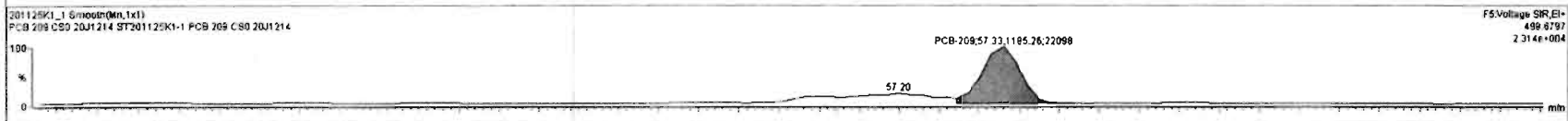
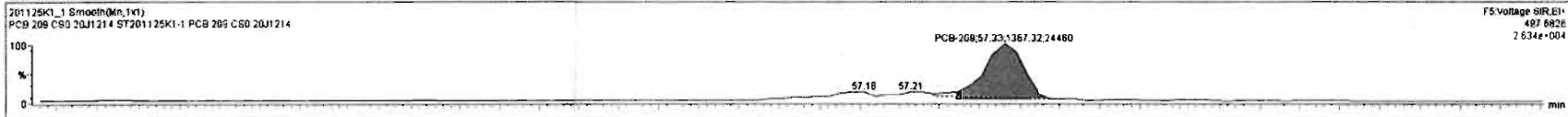
PFK5b

201125K1_1



#	Name	Resp	RA	nV	RRF	wVcl	Pred RT	RT	Pred R...	RRT	RTI	Conc.	%Rec	DL	EMPC
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000	0.000	NO	1.296	0.0571	1.296		
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000	NO	3.806	0.344	3.806		
232	4th Function Hexa-PCBs				0.8455	1.000	0.00	0.000	0.000	NO	7.318	0.395	7.318		
233	Total Hepta-PCBs				1.2043	1.000	0.00	0.000	0.000	NO	8.137	0.884	8.137		
234	4th Function Octa-PCBs				0.8605	1.000	0.00	0.000	0.000	NO	2.373	0.155	2.373		
235	5th Function Octa-PCBs				1.0957	1.000	0.00	0.000	0.000	NO	0.8026	0.0232	0.8030		
236	Total Nona-PCBs				0.8871	1.000	0.00	0.000	0.000	NO	0.8122	0.0310	0.8120		
237	Deca-CB				0.8527	1.000	0.00	0.000	0.000	NO	0.2818	0.00198	0.2820		

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nV	EMPC	Conc.
168	PCB-209	57.32	57.33	1.367e3	1.185e3	1.170	1.15	NO	0.29200	0.29177



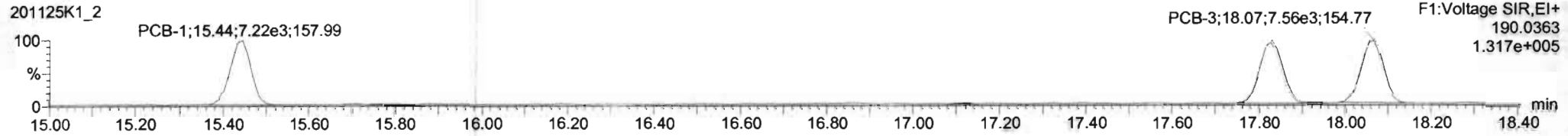
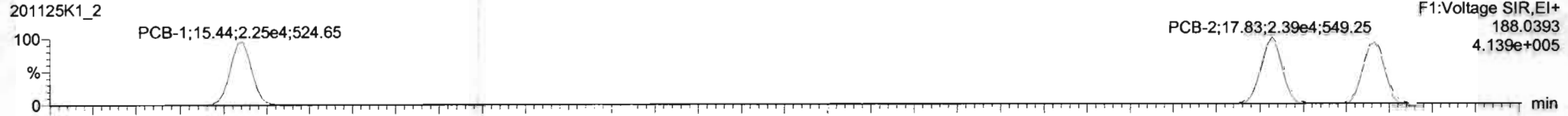
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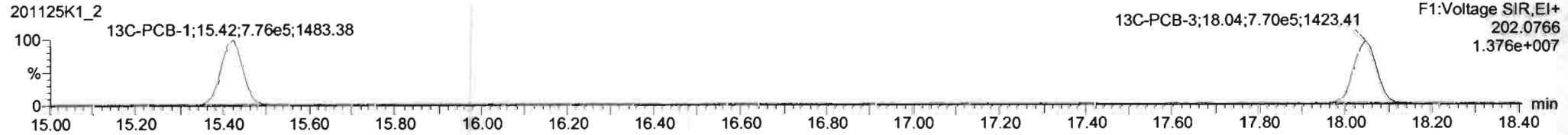
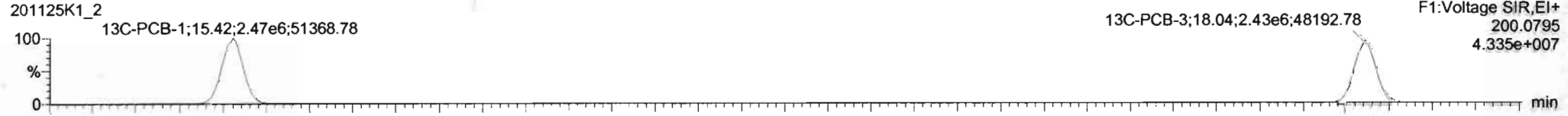
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Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

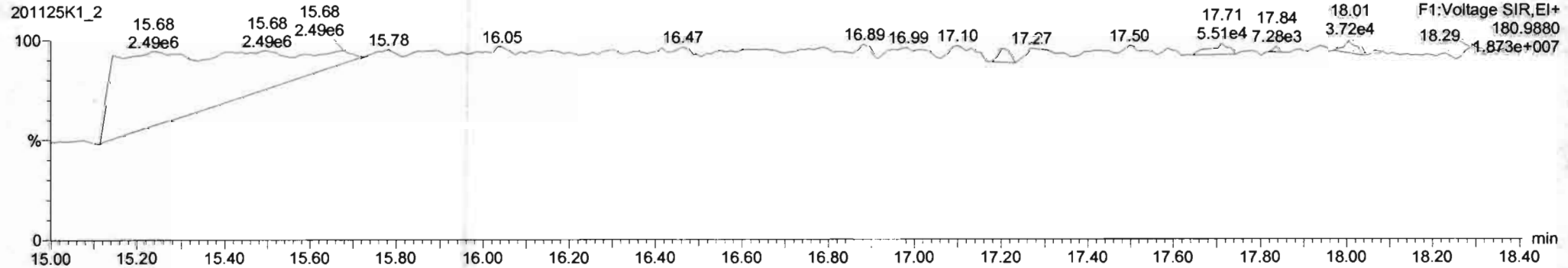
PCB-1



13C-PCB-1



PFK1

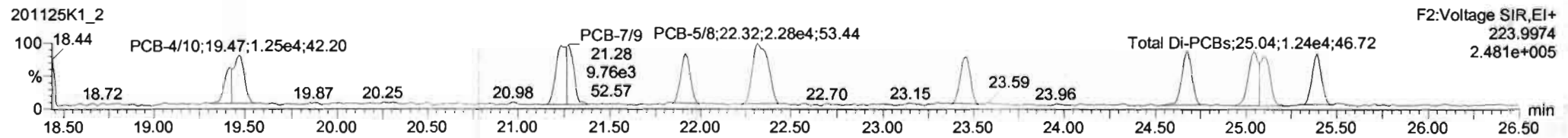
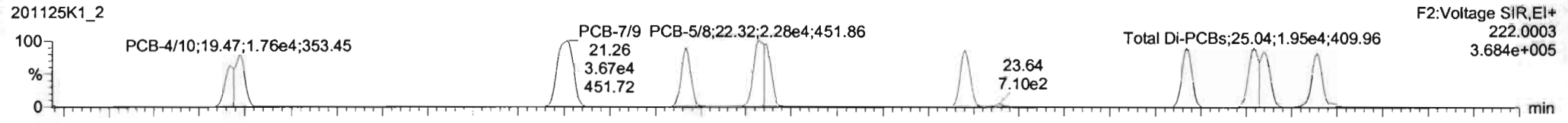


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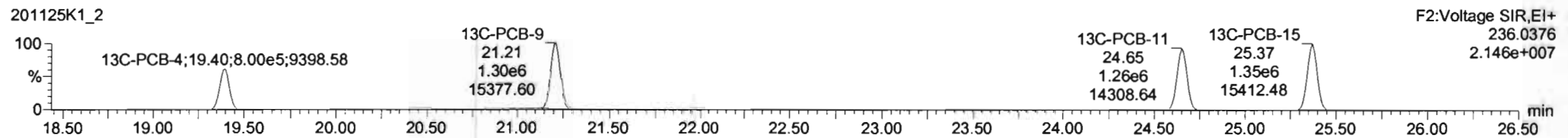
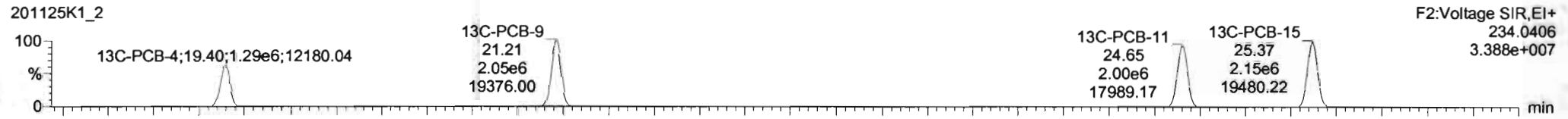
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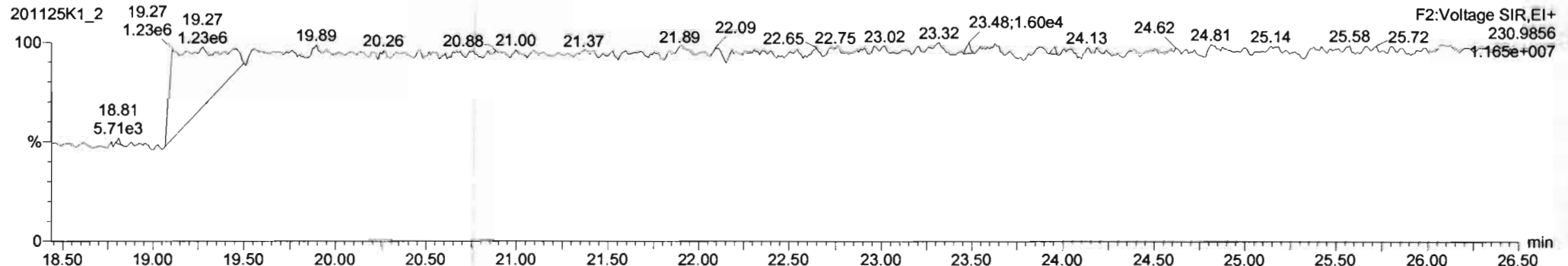
PCB-4/10



13C-PCB-4

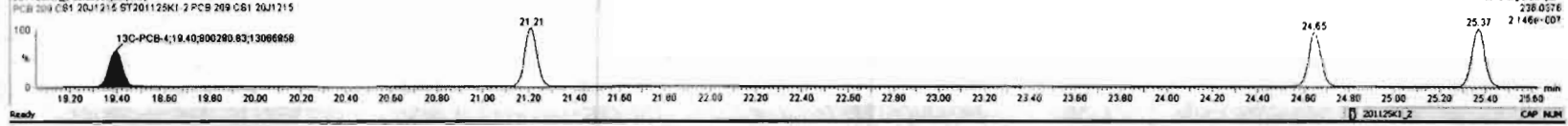
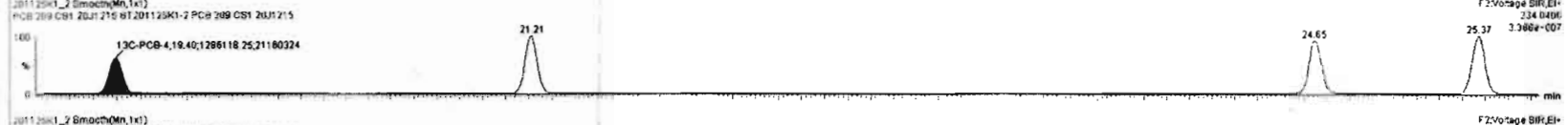
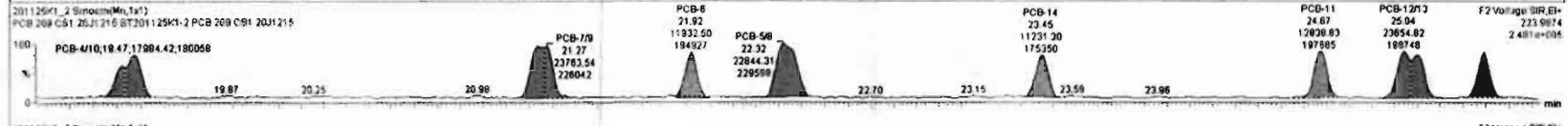
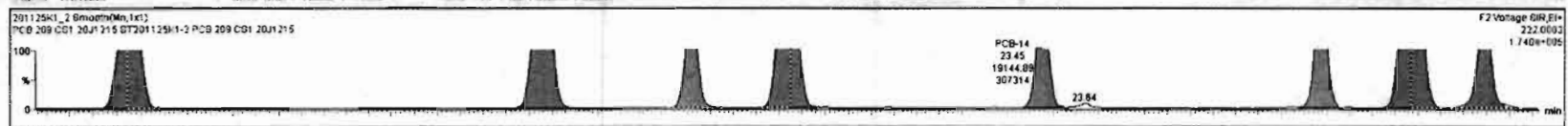


PFK2a



#	Name	Resp	RA	nly	RF	wt/Std	Prod RT	RT	Prod R	RTI	RTI Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	2.29e5	0.78	NO	1.0415	1.000	37.63	37.62	0.990	0.987	NO	100.7	101	0.0308	
223	13C-PCB-178	9.73e5	0.47	NO	1.0180	1.000	45.71	45.71	0.922	0.923	NO	104.2	104	0.0292	
224	Total Mono-PCBs				1.0024	1.000	0.00	0.000			NO	2.858		0.0171	2.858
225	Total Di-PCBs				1.0387	1.000	0.00	0.000			NO	11.22		0.199	11.22
226	2nd Function Tri-PCBs				0.8434	1.000	0.00	0.000			NO	7.521		0.0710	7.521
227	3rd Function Tri-PCBs				0.8687	1.000	0.00	0.000			NO	15.32		0.163	15.32
228	Total Tetra-PCBs				0.9810	1.000	0.00	0.000			NO	38.12		0.233	38.12
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO	37.67		0.302	37.67

#	Name	Prod RT	RT	wt Resp	n2 Resp	1* Ratio (Prod)	RA	nly	EMPC	Conc.
4	PCB-4/10	19.48	19.47	2.900e4	1.790e4	1.560	1.61	NO	1.8650	1.8651
5	PCB-7/9	21.27	21.26	3.687e4	2.378e4	1.560	1.54	NO	1.9230	1.9226
6	PCB-6	21.92	21.92	1.925e4	1.180e4	1.580	1.61	NO	0.90500	0.90471
7	PCB-5/8	22.32	22.32	3.799e4	2.294e4	1.580	1.66	NO	1.8630	1.8630
8	PCB-14	23.44	23.45	1.814e4	1.123e4	1.580	1.71	NO	0.80500	0.80862
9	PCB-11	24.67	24.67	2.085e4	1.284e4	1.580	1.62	NO	0.82400	0.82443
10	PCB-12/13	25.10	25.04	3.846e4	2.365e4	1.580	1.83	NO	1.8670	1.8688
11	PCB-14	26.36	26.36	1.847e4	1.147e4	1.580	1.70	NO	0.83200	0.83178

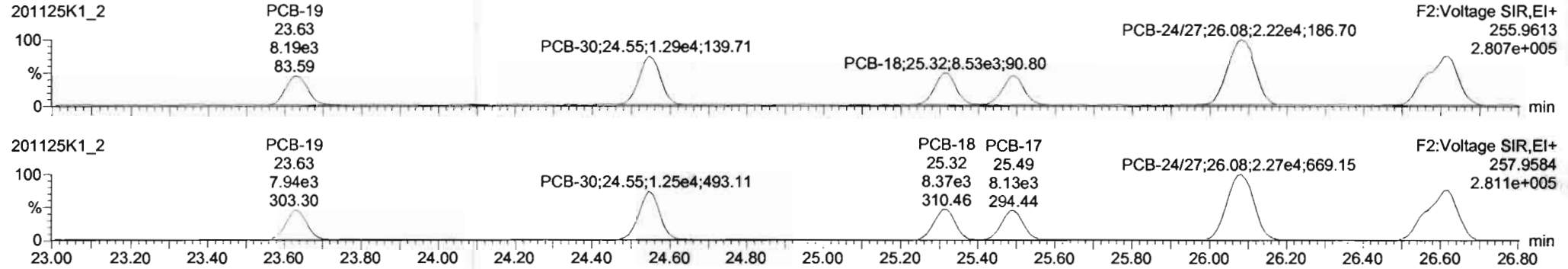


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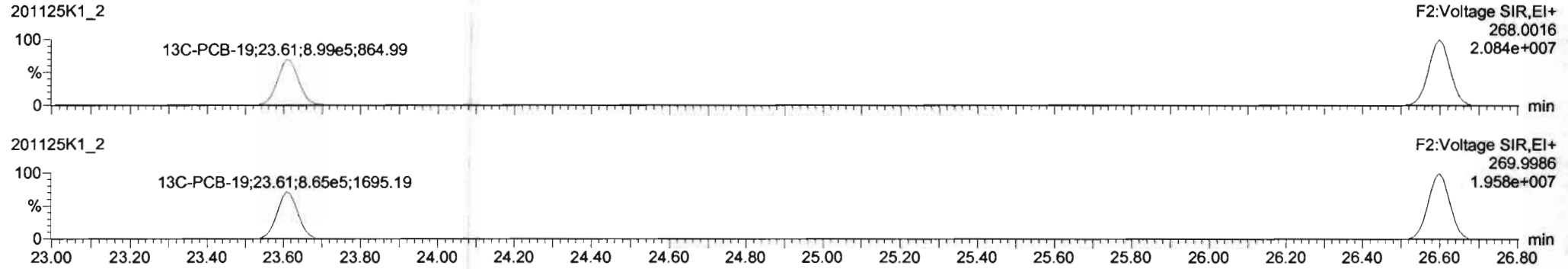
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

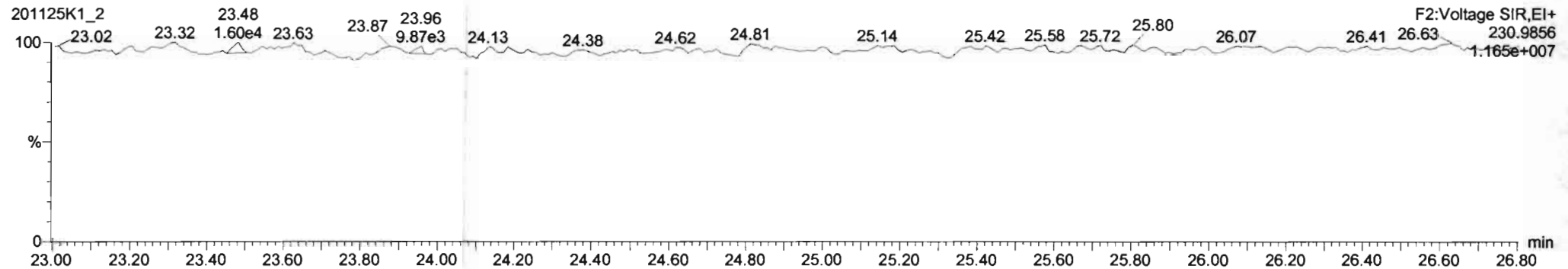
PCB-19



13C-PCB-19



PFK2b

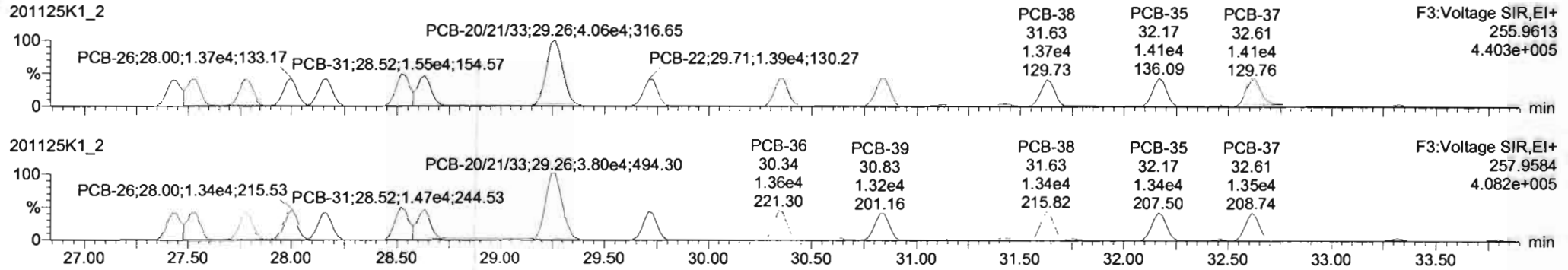


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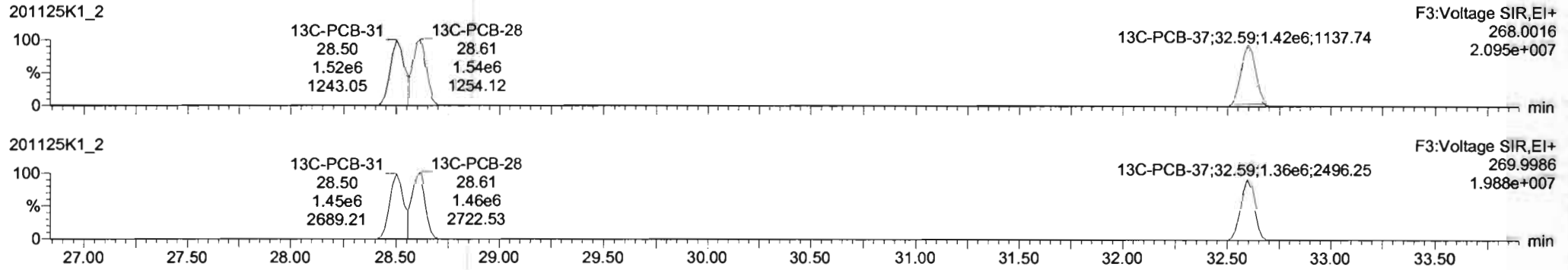
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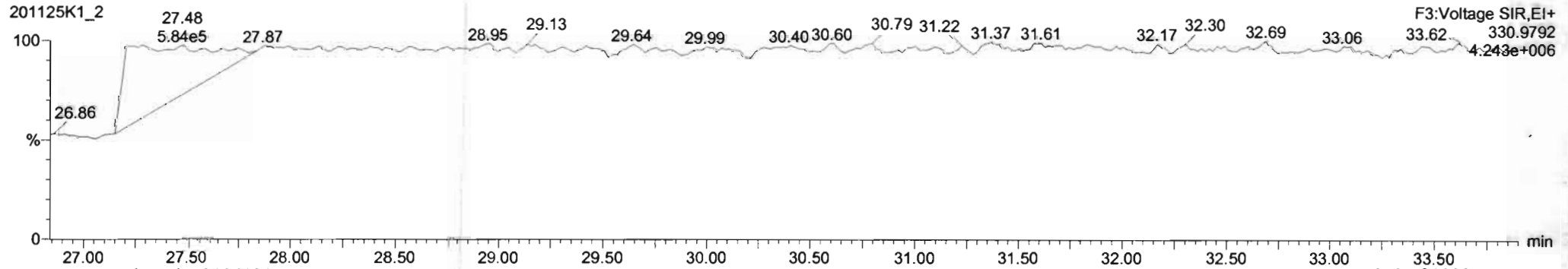
PCB-34



13C-PCB-28

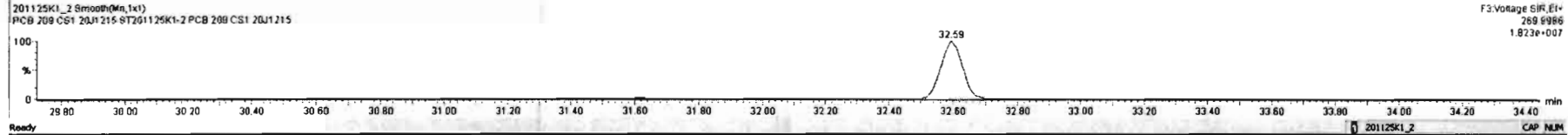
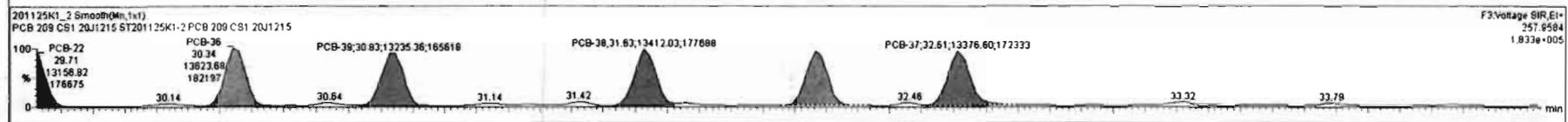
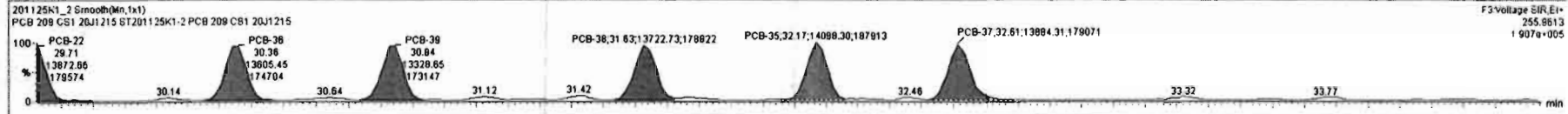


PFK3d



#	Name	Resp	RA	rvj	RRF	wtAvcl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	2.28e8	0.79	NO	1.0415	1.000	37.63	37.62	0.999	0.997	NO	100.7	101	0.0308	
223	13C-PCB-178	8.73e5	0.47	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	104.2	104	0.0382	
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	2.858		0.0171	2.858
225	Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	11.23		0.159	11.23
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	7.521		0.0710	7.521
227	3rd Function Tri-PCBs				8.9567	1.000	0.00		0.000		NO	15.30		0.183	15.30
228	Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	39.12		0.233	39.12
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	37.67		0.302	37.67

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvj	EMPC	Conc
1	18 PCB-34	27.44	27.42	1.312e4	1.276e4	1.040	1.03	NO	0.98300	0.99272
2	19 PCB-23	27.53	27.53	1.311e4	1.256e4	1.040	1.04	NO	0.95900	0.95861
3	20 PCB-29	27.77	27.77	1.314e4	1.241e4	1.040	1.06	NO	0.98800	0.98818
4	21 PCB-26	28.00	28.00	1.369e4	1.341e4	1.040	1.02	NO	0.98700	0.98701
5	22 PCB-25	28.16	28.17	1.359e4	1.272e4	1.040	1.07	NO	0.95800	0.95764
6	23 PCB-31	28.53	28.52	1.551e4	1.472e4	1.040	1.05	NO	0.97700	0.97741
7	24 PCB-28	28.83	28.83	1.548e4	1.364e4	1.040	1.13	NO	0.95600	0.95607
18	18 PCB-34	28.27	28.26	4.059e4	3.798e4	1.040	1.07	NO	0.96901	0.96777

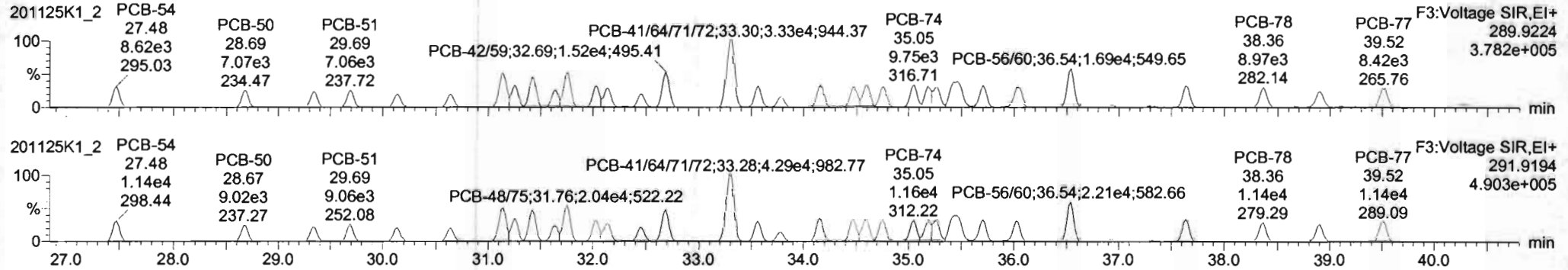


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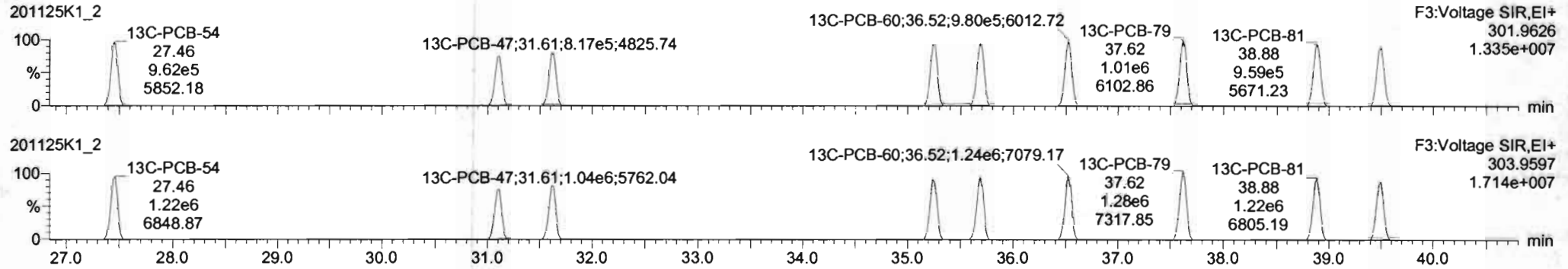
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Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

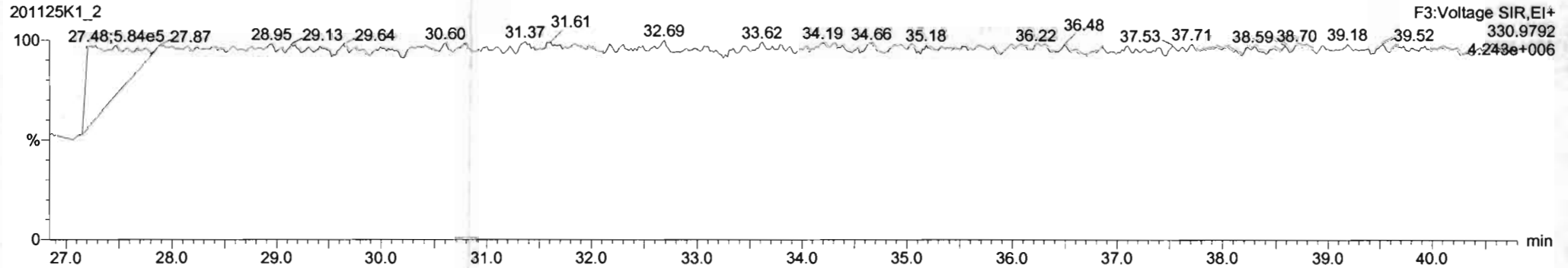
PCB-54



13C-PCB-54



PFK3a



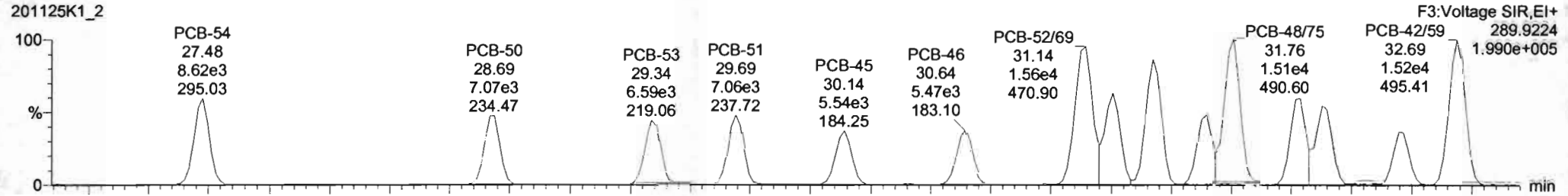
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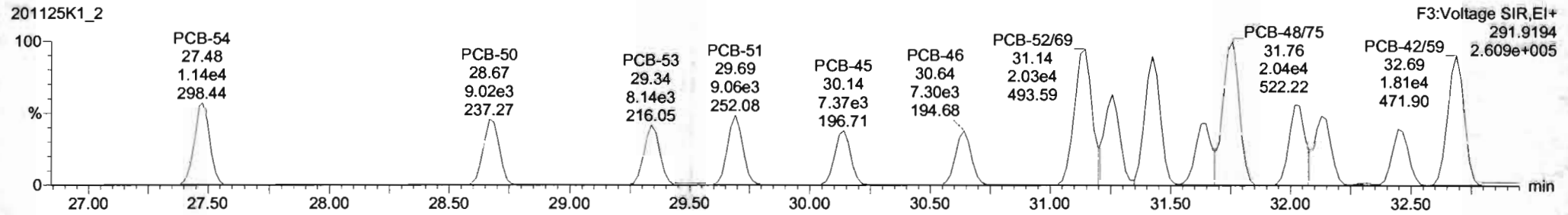
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PCB-50

201125K1_2

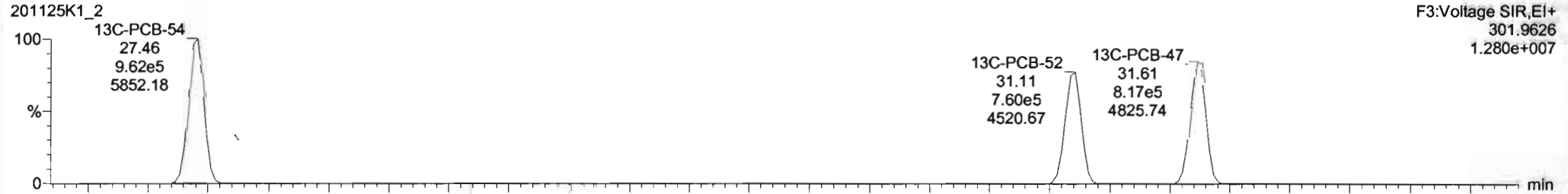


201125K1_2

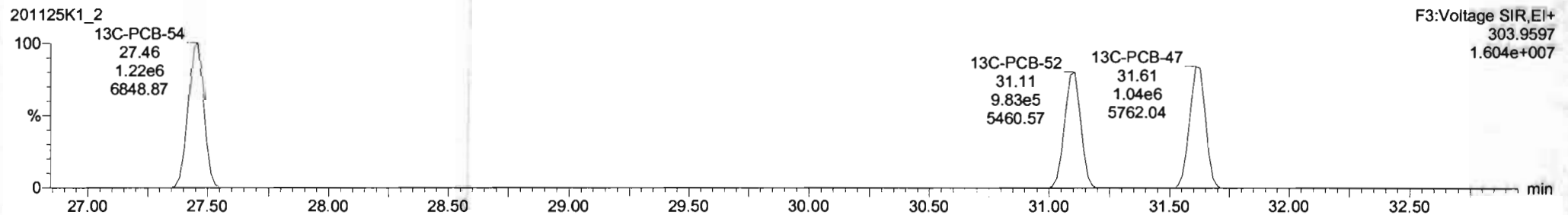


13C-PCB-52

201125K1_2

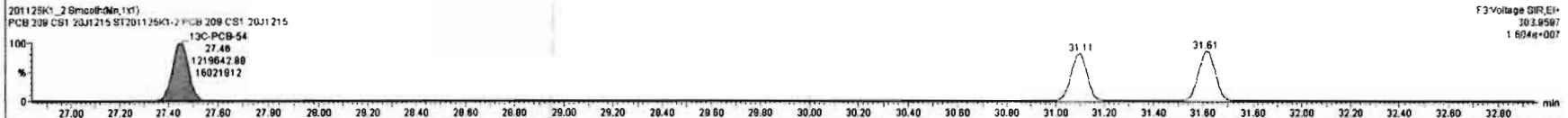
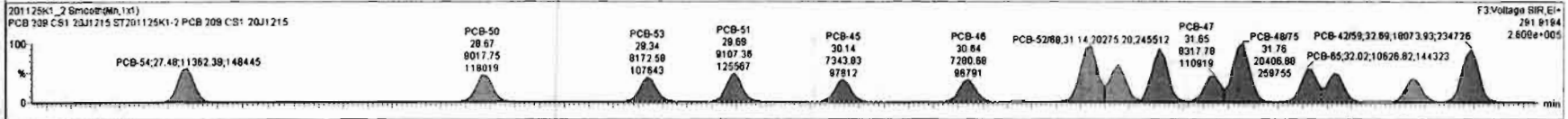
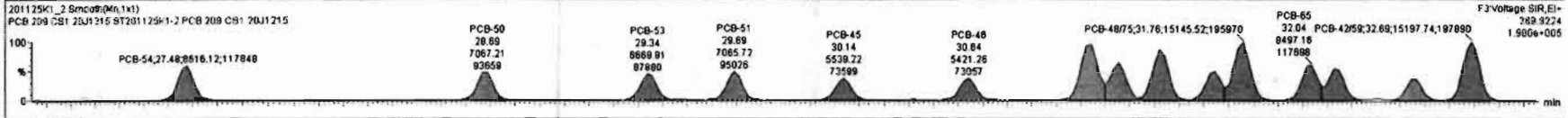


201125K1_2



#	Name	Resp	RA	nly	RRF	wt/vol	Pred RT	RT	Pred R _z	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	2.79e6	0.78	NO	1.0415	1.000	37.83	37.82	0.968	0.967	NO	100.7	101	0.0308	
223	13C-PCB-178	9.73e5	0.47	NO	1.0190	1.000	45.71	45.71	0.923	0.923	NO	104.2	104	0.0392	
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	2.858		0.0171	2.858
225	Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	11.22		0.158	11.22
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	7.521		0.0710	7.521
227	3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	15.32		0.163	15.32
228	Total Tetra-PCBs				0.9919	1.000	0.00		0.000		NO	39.12		0.232	39.12
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	37.87		0.302	37.87

#	Name	Pred RT	RT	nt Resp	nt Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc
1	32 PCB-54	27.48	27.48	8.616e3	1.136e4	0.770	0.76	NO	0.94000	0.93991
2	33 PCB-50	28.68	28.68	7.067e3	9.018e3	0.770	0.78	NO	0.91800	0.91843
3	34 PCB-53	29.37	29.34	6.670e3	8.173e3	0.770	0.82	NO	0.90700	0.90703
4	35 PCB-51	29.70	29.69	7.065e3	9.107e3	0.770	0.78	NO	0.92800	0.92841
5	36 PCB-45	30.15	30.14	5.539e3	7.344e3	0.770	0.75	NO	0.92100	0.92116
6	37 PCB-46	30.85	30.84	5.421e3	7.281e3	0.770	0.75	NO	0.94600	0.94604
7	38 PCB-52/69	31.14	31.14	1.584e4	2.028e4	0.770	0.77	NO	1.90400	1.9044
8	39 PCB-71	31.26	31.26	8.964e3	1.244e4	0.770	0.76	NO	0.94000	0.93971



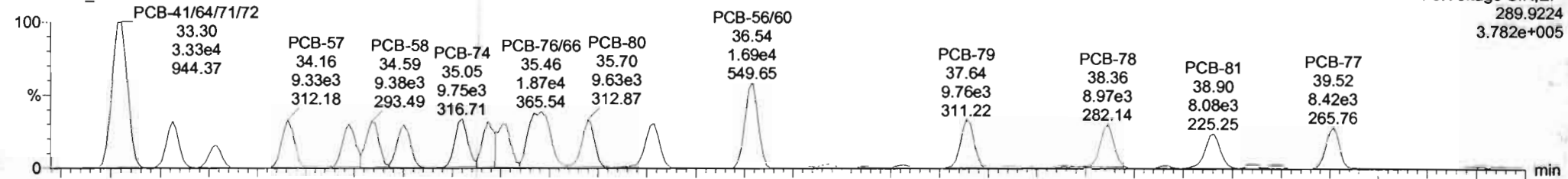
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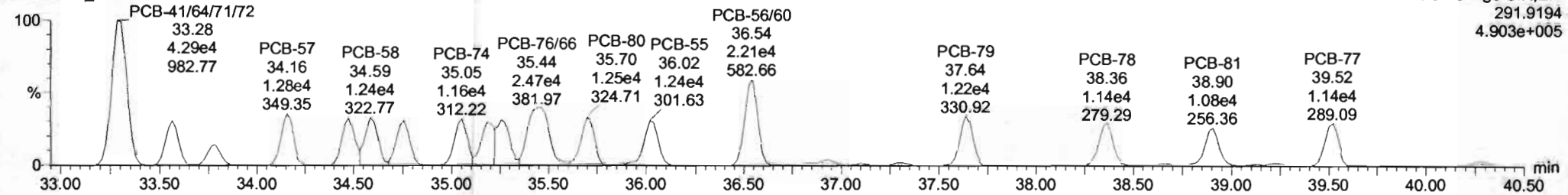
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PCB-68

201125K1_2

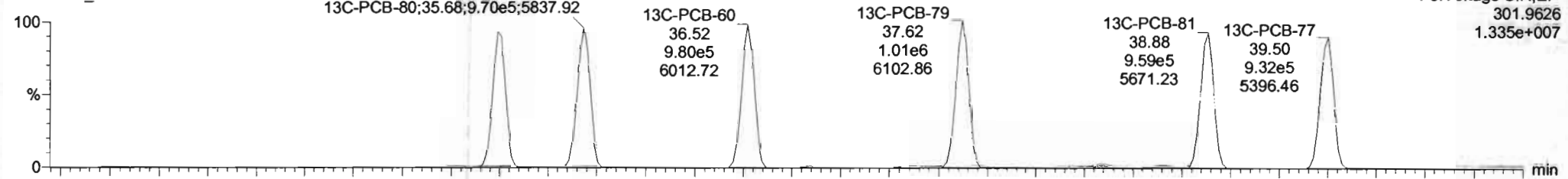


201125K1_2

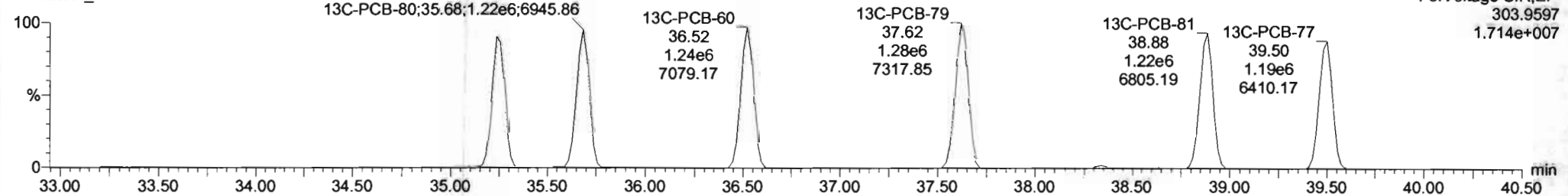


13C-PCB-60

201125K1_2

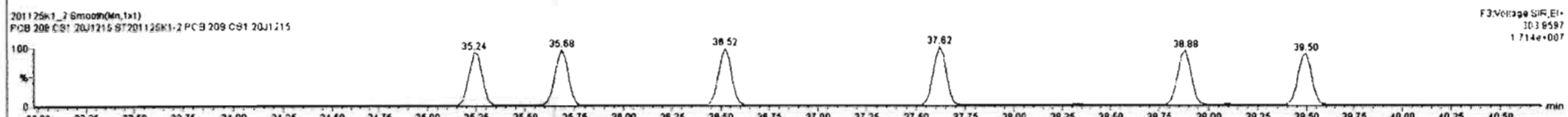
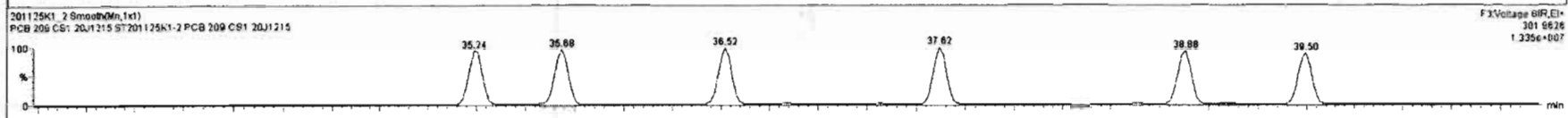
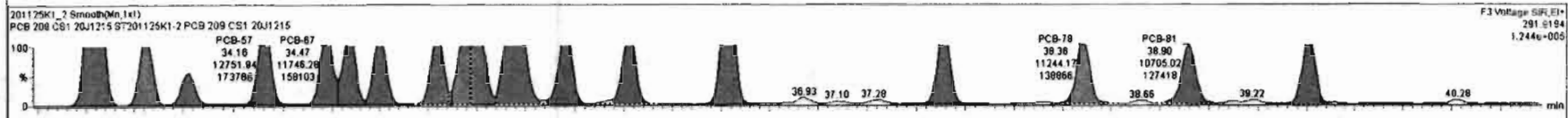
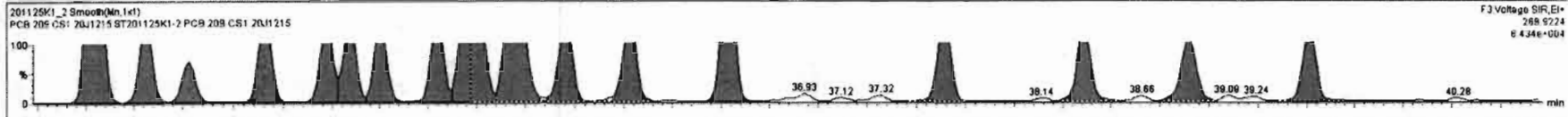


201125K1_2



#	Name	Resp	RA	nV	RRF	wt/Vol	Pred RT	RT	Pred_R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	222 13C-PCB-78	2.20e6	0.78	NO	1.0415	1.000	37.63	37.62	0.968	0.967	NO	100.7	101	0.0308	
223	223 13C-PCB-178	8.73e5	0.47	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	104.2	104	0.0387	
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.000			NO	2.858		0.0171	2.858
225	225 Total Di-PCBs				1.0067	1.000	0.00	0.000			NO	11.22		0.158	11.22
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000			NO	7.521		0.0710	7.521
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00	0.000			NO	15.32		0.163	15.32
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.000			NO	39.12		0.233	39.12
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO	37.67		0.302	37.67

#	Name	Pred RT	RT	Int Resp	Int Ratio	1 st Ratio (Pred)	RA	nV	EMPC	Conc
1	32 PCB-54	27.48	27.48	8.616e3	1.136e4	0.770	0.78	NO	0.94000	0.93991
2	33 PCB-50	28.68	28.69	7.067e3	9.019e3	0.770	0.78	NO	0.91600	0.91843
3	34 PCB-53	29.37	29.34	6.670e3	8.173e3	0.770	0.82	NO	0.90700	0.90703
4	35 PCB-51	29.70	29.68	7.066e3	8.107e3	0.770	0.78	NO	0.92000	0.92041
5	36 PCB-45	30.15	30.14	5.529e3	7.344e3	0.770	0.75	NO	0.92100	0.92116
6	37 PCB-46	30.65	30.64	5.421e3	7.281e3	0.770	0.75	NO	0.94600	0.94604
7	38 PCB-52/89	31.14	31.14	1.564e4	2.028e4	0.770	0.77	NO	1.9040	1.9044
8	39 PCB-71	31.26	31.26	8.363e3	1.294e4	0.770	0.78	NO	0.96300	0.96321

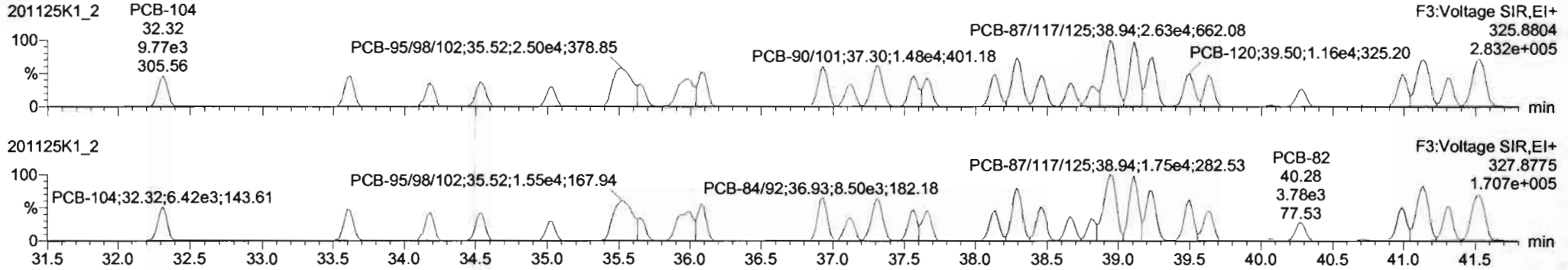


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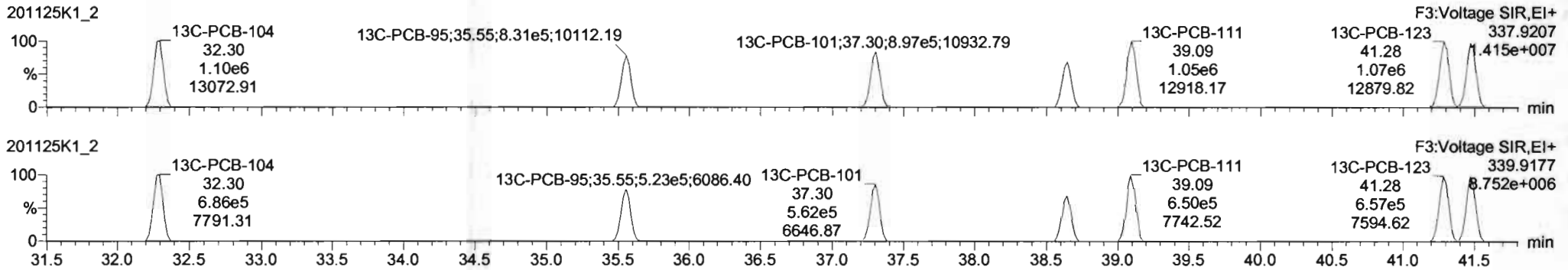
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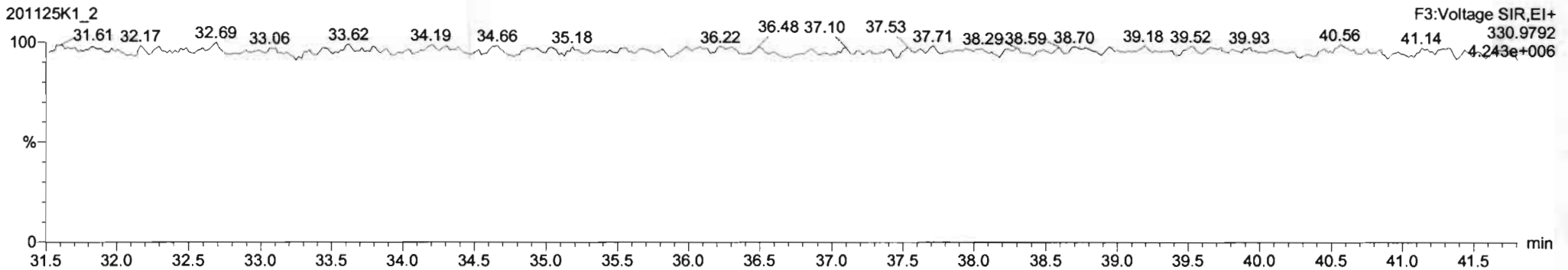
PCB-104



13C-PCB-104



PFK3b

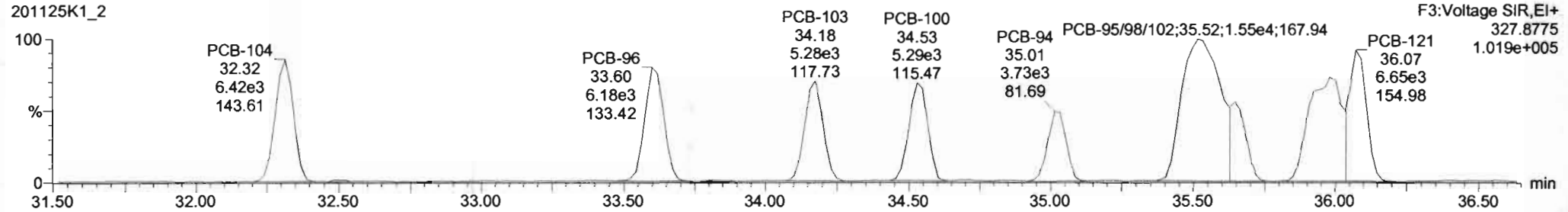
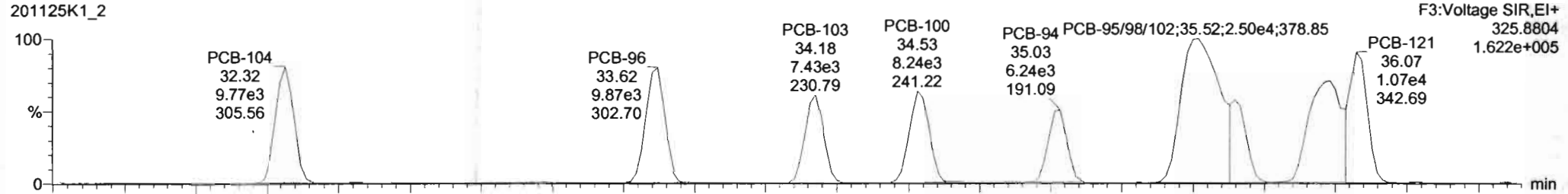


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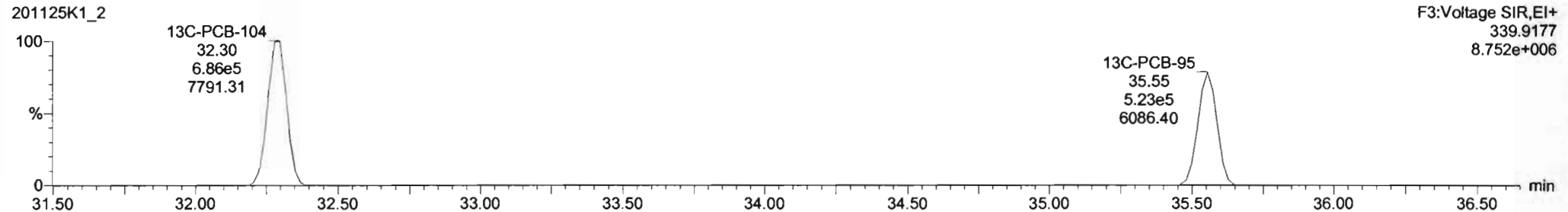
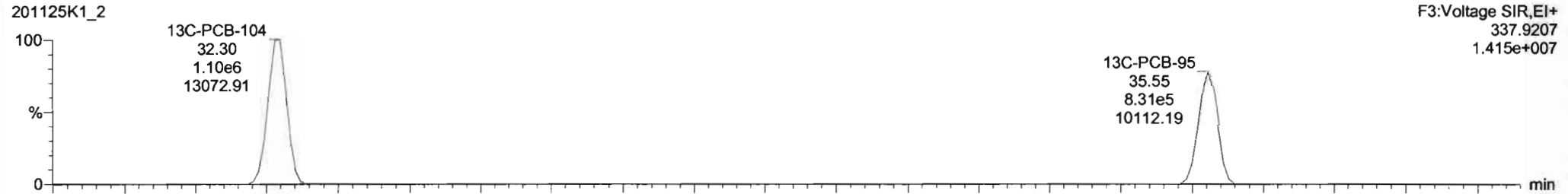
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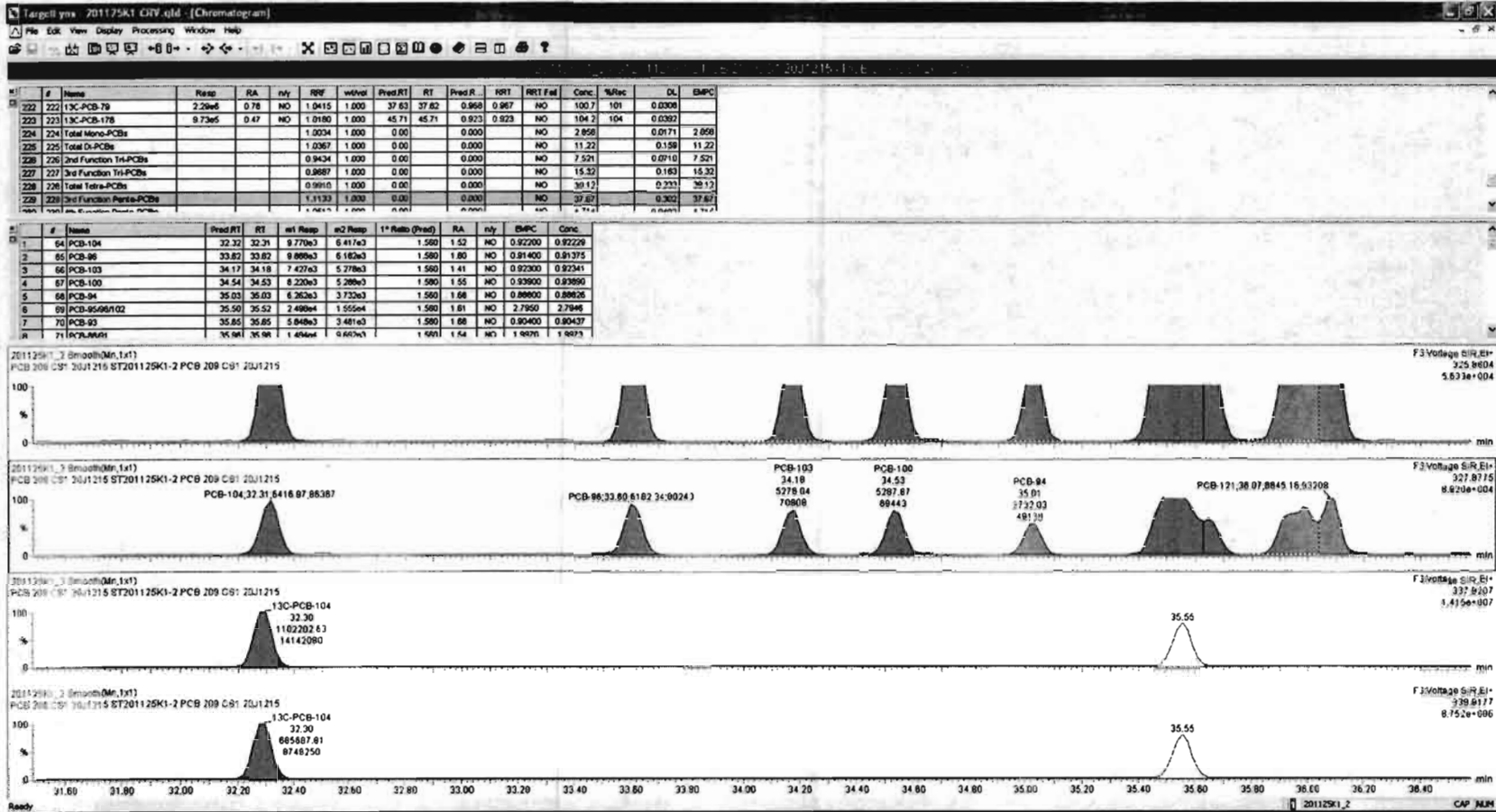
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PCB-96



13C-PCB-95



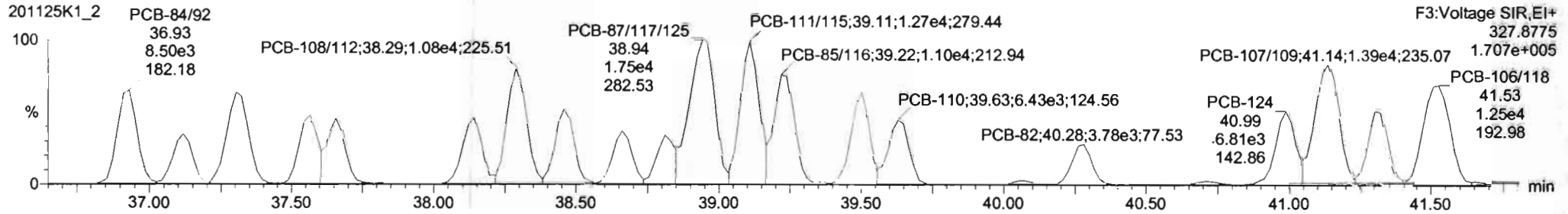
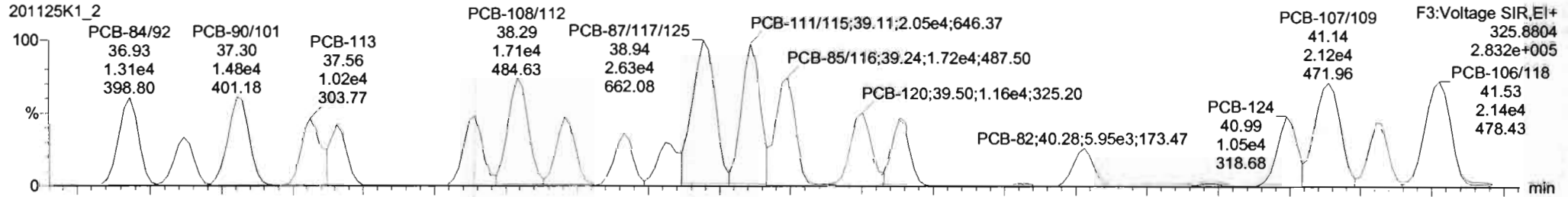


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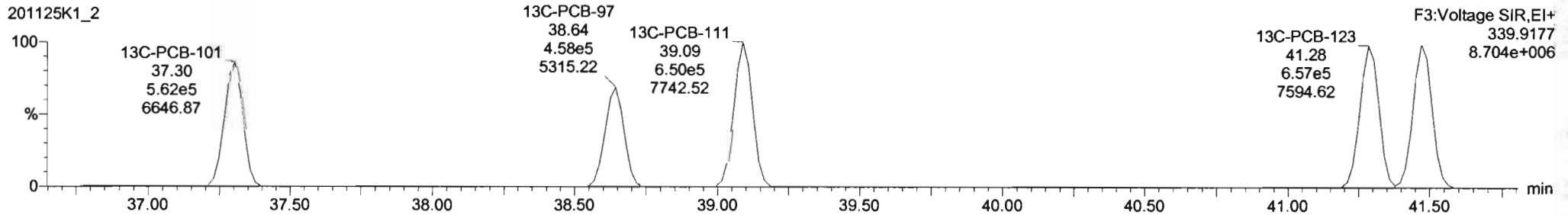
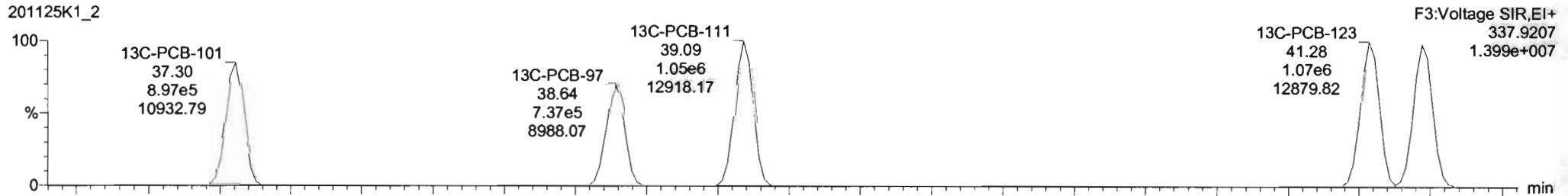
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Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

PCB-119

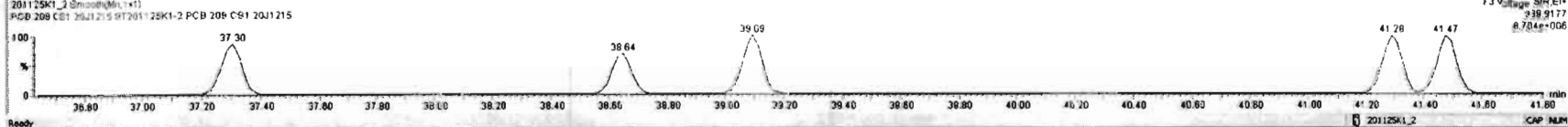
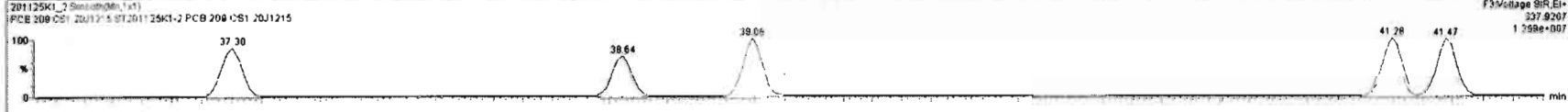
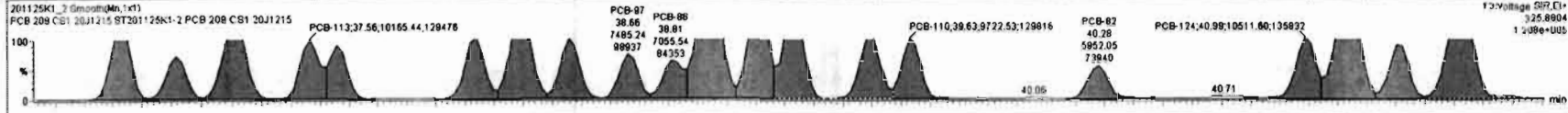


13C-PCB-111



#	Name	Resp	RA	nV	RF	wVol	Pred RT	RT	Pred R...	RT	RF	Conc	%Rec	DL	EMPC
222	13C-PCB-79	2.29e5	0.78	NO	1.0415	1.000	37.63	37.62	0.968	0.967	NO	1007	101	0.0308	
223	13C-PCB-176	9.73e5	0.67	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	104	104	0.0392	
224	Total Mono-PCBs				1.0094	1.000	0.00	0.00	0.000	0.000	NO	2.858		0.0171	2.858
225	Total Di-PCBs				1.0087	1.000	0.00	0.00	0.000	0.000	NO	11.22		0.158	11.22
226	2nd Function 14-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	7.521		0.0710	7.521
227	3rd Function 14-PCBs				0.9687	1.000	0.00	0.00	0.000	0.000	NO	15.32		0.163	15.32
228	Total Tetra-PCBs				0.9810	1.000	0.00	0.00	0.000	0.000	NO	30.12		0.233	30.12
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.00	0.000	0.000	NO	37.67		0.302	37.67

#	Name	Pred RT	RT	nV Resp	nV Resp	1* Ratio (Pred)	RA	nV	EMPC	Conc
1	64 PCB-104	32.32	32.31	8.770e3	6.417e3	1.560	1.52	NO	0.82200	0.82229
2	65 PCB-99	33.62	33.62	9.888e3	6.182e3	1.590	1.80	NO	0.81400	0.81375
3	66 PCB-103	34.17	34.16	7.427e3	5.278e3	1.560	1.41	NO	0.92300	0.92341
4	67 PCB-100	34.54	34.53	8.220e3	5.298e3	1.560	1.55	NO	0.93900	0.93890
5	68 PCB-94	35.03	35.03	6.262e3	3.732e3	1.560	1.68	NO	0.88800	0.88826
6	69 PCB-95/97/102	35.50	35.52	2.498e4	1.556e4	1.560	1.81	NO	2.7950	2.7946
7	70 PCB-93	35.65	35.65	5.846e3	3.481e3	1.560	1.68	NO	0.90400	0.90437
8	71 PCB-98/101	35.98	35.98	1.496e4	0.862e3	1.560	1.58	NO	1.6070	1.6071

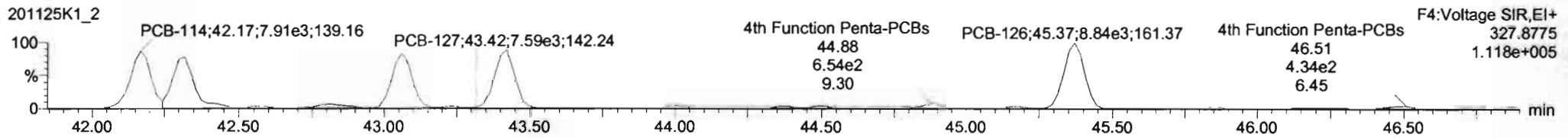
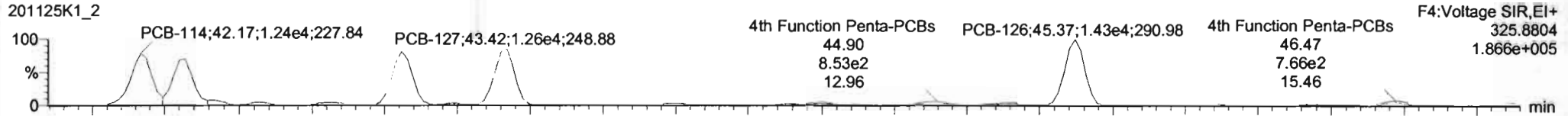


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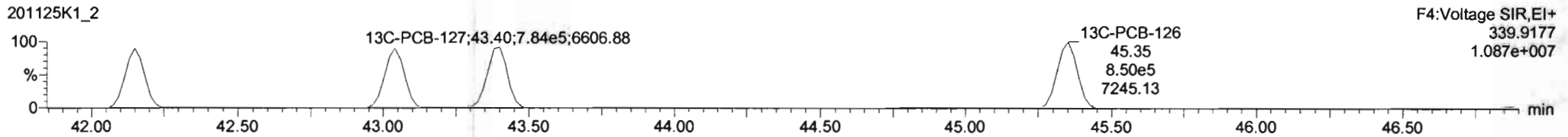
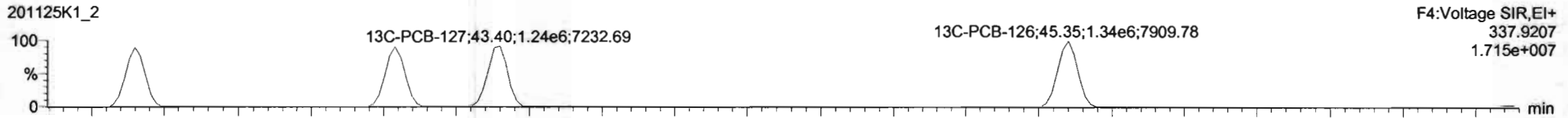
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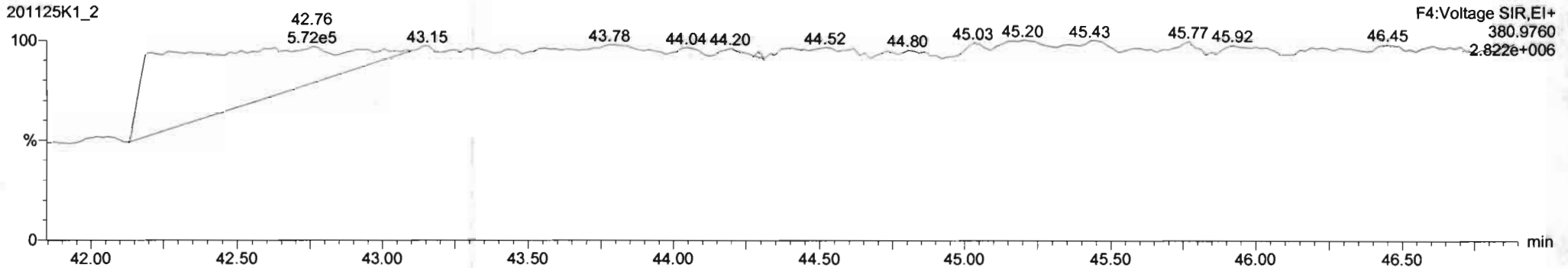
PCB-114



13C-PCB-114

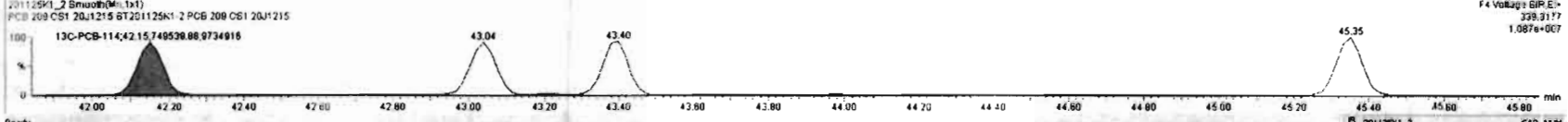
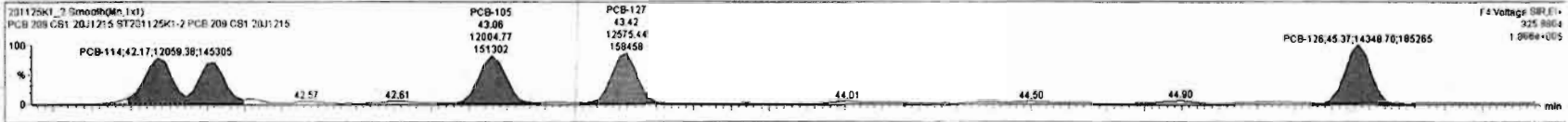


PFK4a



#	Name	Resp	RA	nHy	RF	wt/Vol	Pred RT	RT	Pred R	RRT	RRT Fat	Conc	%Rec	DL	EMPC
222	223 13C-PCB-79	2.29e6	0.78	NO	1.0415	1.000	37.83	37.82	0.968	0.967	NO	100.7	101	0.0300	
223	223 13C-PCB-178	9.73e5	0.47	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	104.2	104	0.0282	
224	224 Total Mono-PCBs				1.0034	1.000	0.000	0.000			NO	2.858		0.0171	2.868
225	225 Total Di-PCBs				1.0367	1.000	0.000	0.000			NO	11.22		0.1559	11.20
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.000	0.000			NO	7.621		0.0710	7.521
227	227 3rd Function Tri-PCBs				0.9887	1.000	0.000	0.000			NO	15.32		0.183	15.32
228	228 Total Tetra-PCBs				0.9810	1.000	0.000	0.000			NO	38.12		0.233	38.12
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.000	0.000			NO	37.67		0.302	37.67

#	Name	Pred RT	RT	n1 Resp	n2 Resp	1st Ratio (Pred)	RA	nHy	EMPC	Conc
1	83 PCB-114	42.17	42.17	1.205e4	7.637e3	1.580	1.58	NO	0.83700	0.93678
2	94 PCB-122	42.32	42.32	1.051e4	6.945e3	1.500	1.53	NO	0.96200	0.98161
3	95 PCB-105	43.06	43.06	1.200e4	7.167e3	1.550	1.87	NO	0.94800	0.94941
4	96 PCB-127	43.42	43.42	1.259e4	7.589e3	1.580	1.66	NO	0.94400	0.94440
5	97 PCB-126	45.37	45.37	1.435e4	8.838e3	1.580	1.82	NO	0.92100	0.92146



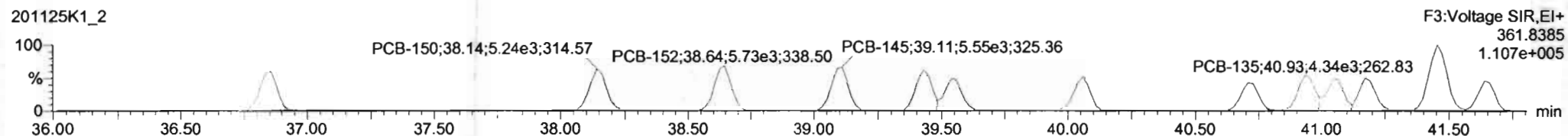
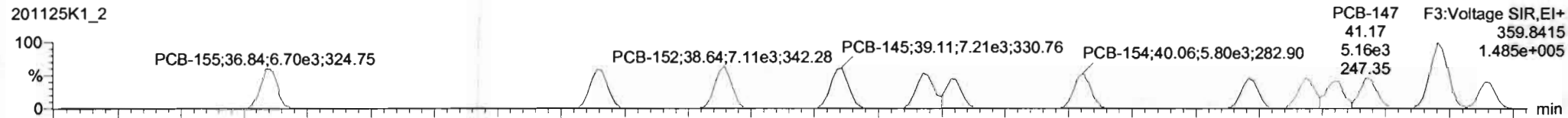
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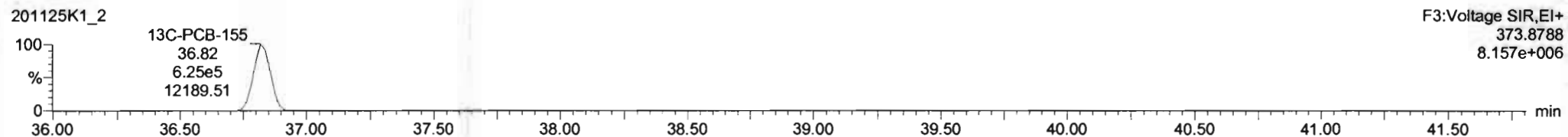
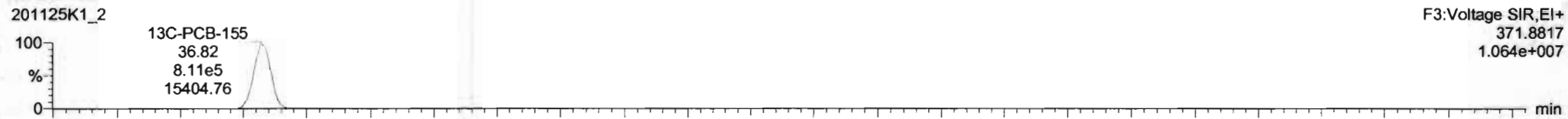
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Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

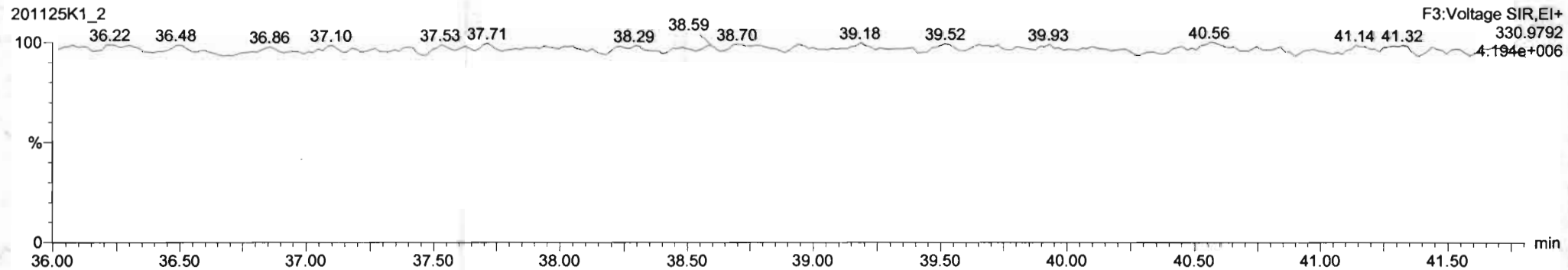
PCB-155



13C-PCB-155

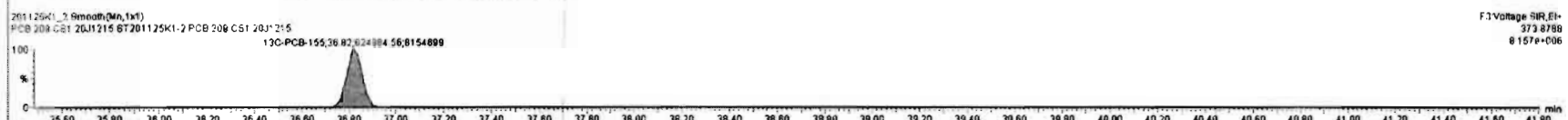
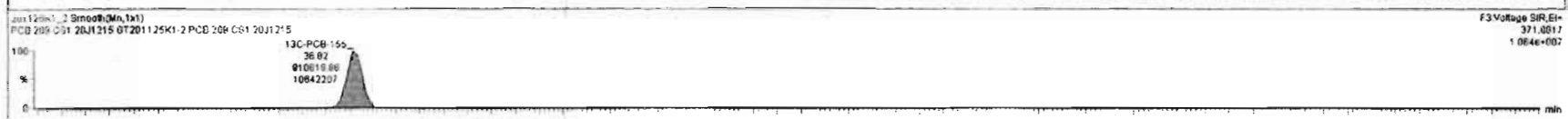
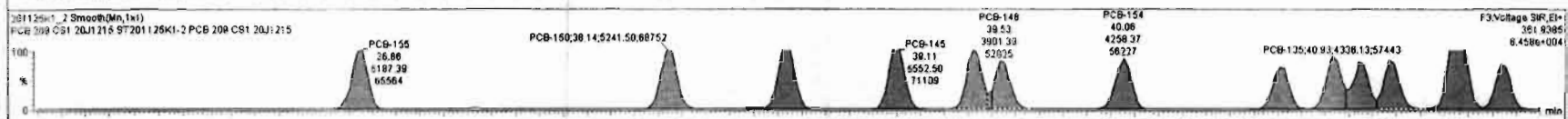


PFK3c



#	Name	Resp	RA	nly	RRF	wtVcl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	OL	EMPC
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000		NO	12.95		0.0073	12.85
232	4th Function Hexa-PCBs				0.9455	1.000	0.00	0.000	0.000		NO	26.04		0.186	26.04
233	Total Hexa-PCBs				1.2043	1.000	0.00	0.000	0.000		NO	23.09		0.156	23.09
234	4th Function Octa-PCBs				0.8005	1.000	0.00	0.000	0.000		NO	8.263		0.0475	8.263
235	5th Function Octa-PCBs				1.0657	1.000	0.00	0.000	0.000		NO	2.764		0.0145	2.764
236	Total Octa-PCBs				0.8871	1.000	0.00	0.000	0.000		NO	2.346		0.0176	2.346
237	Total PCBs				0.8627	1.000	0.00	0.000	0.000		NO	0.8616		0.00130	0.8620

#	Name	Pred.RT	RT	nt Resp	wt Resp	* Ratio (Pred)	RA	nly	EMPC	Conc
1	90 PCB-155	36.84	36.84	6.702e3	5.187e3	1.240	1.29	NO	0.87100	0.87133
2	90 PCB-150	38.16	38.14	6.819e3	5.241e3	1.240	1.30	NO	0.86900	0.86904
3	100 PCB-152	38.84	38.84	7.111e3	5.734e3	1.240	1.24	NO	0.87800	0.87871
4	101 PCB-145	39.11	39.11	7.205e3	5.553e3	1.240	1.30	NO	0.80400	0.80427
5	102 PCB-138	39.44	39.42	6.363e3	5.096e3	1.240	1.25	NO	0.80500	0.80509
6	103 PCB-148	39.55	39.53	4.773e3	3.901e3	1.240	1.22	NO	0.80700	0.80711
7	104 PCB-154	40.06	40.06	5.801e3	4.258e3	1.240	1.36	NO	0.87200	0.87228
8	106 PCB-141	40.72	40.71	5.073e3	3.713e3	1.240	1.37	NO	0.80900	0.80776



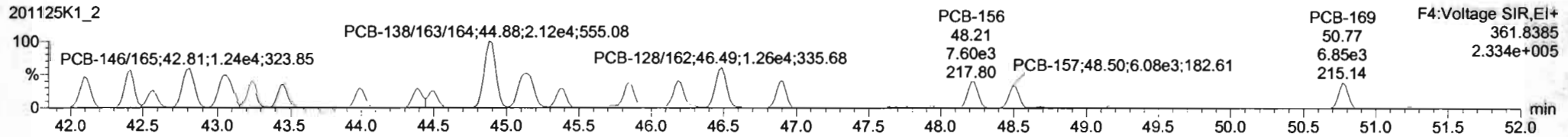
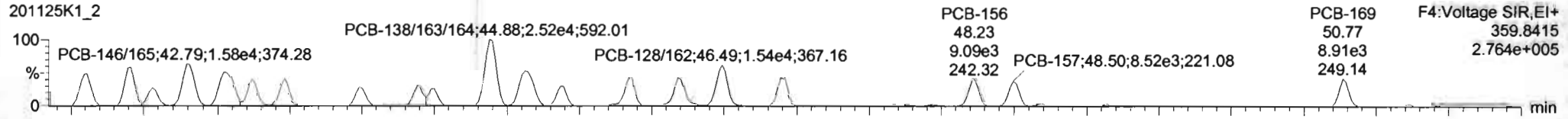
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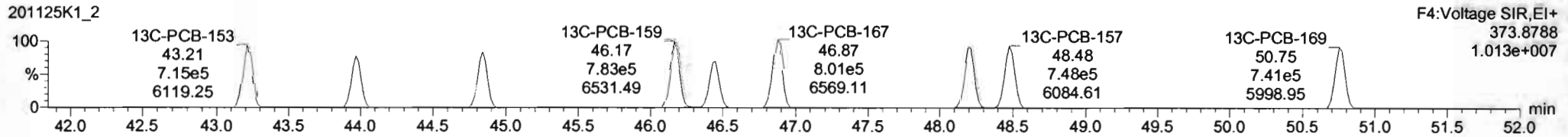
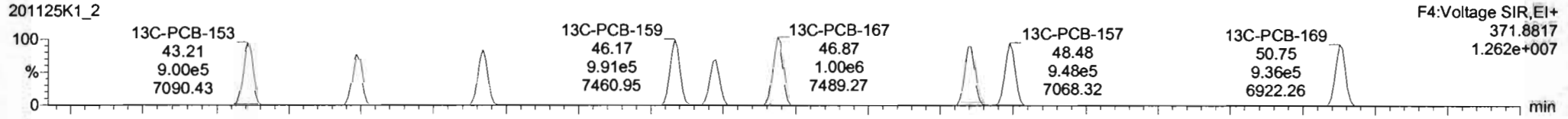
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Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

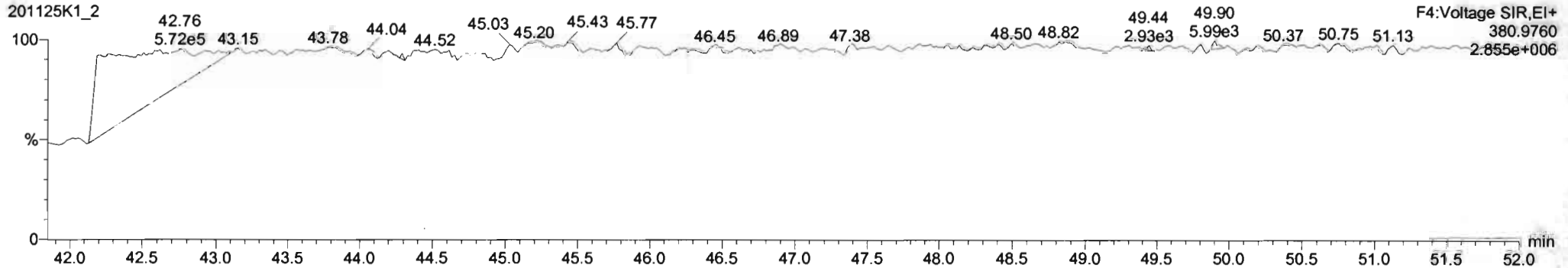
PCB-134/143



13C-PCB-153

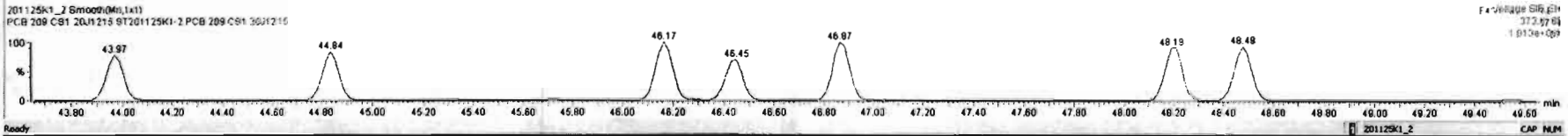
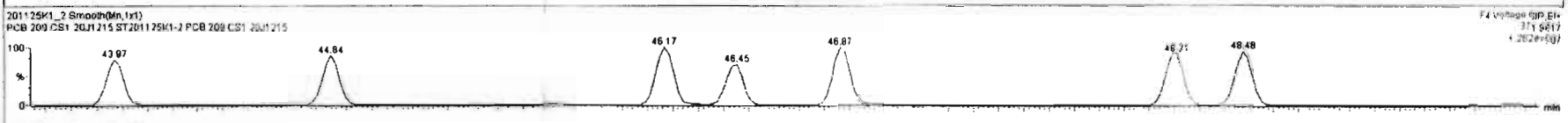
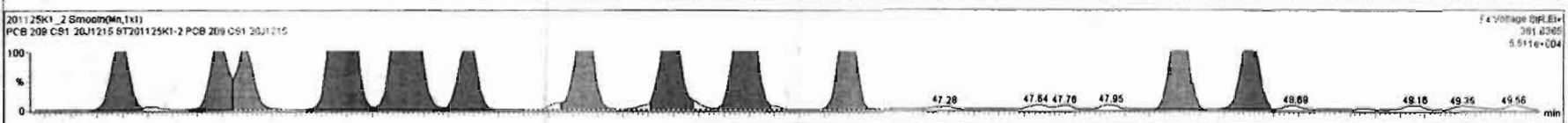
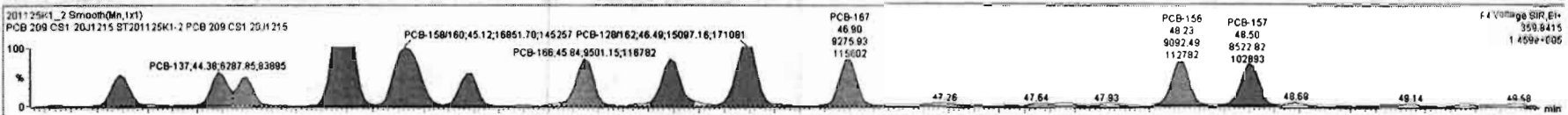


PFK4b



#	Name	Resp	RA	n/y	RPF	wt/wt	Pred RT	RT	Pred R...	RRT	RRT Rat	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000			NO	12.85	0.0972	12.85
232	232 4th Function Hexa-PCBs				0.8455	1.000	0.00		0.000			NO	26.04	0.188	26.04
233	233 Total Hepta-PCBs				1.2043	1.000	0.00		0.000			NO	23.09	0.158	23.09
234	234 4th Function Octa-PCBs				0.8605	1.000	0.00		0.000			NO	8.283	0.0475	8.283
235	235 5th Function Octa-PCBs				1.0857	1.000	0.00		0.000			NO	2.764	0.0145	2.764
236	236 Total Nona-PCBs				0.8871	1.000	0.00		0.000			NO	2.746	0.0178	2.746
237	237 Dece-CB				0.8627	1.000	0.00		0.000			NO	0.8916	0.00130	0.8920
238	238 Total PCBs														

#	Name	Pred RT	RT	nt Resp	nt Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/43	42.11	42.11	1.247e4	9.619e3	1.240	1.30	NO	1.9060	1.9060
2	112 PCB-131/33	42.42	42.41	1.294e4	1.021e4	1.240	1.27	NO	1.8680	1.8681
3	113 PCB-142	42.56	42.57	5.864e3	4.718e3	1.240	1.24	NO	0.95400	0.95302
4	114 PCB-148/65	42.81	42.79	1.576e4	1.239e4	1.240	1.27	NO	1.8480	1.8479
5	115 PCB-132/61	43.06	43.04	1.588e4	1.236e4	1.240	1.28	NO	1.8280	1.8277
6	116 PCB-153	43.25	43.23	8.381e3	6.977e3	1.240	1.20	NO	0.96100	0.96063
7	117 PCB-168	43.46	43.46	8.287e3	6.398e3	1.240	1.29	NO	0.87800	0.87878
8	118 PCB-141	43.66	43.66	6.365e3	5.361e3	1.240	1.18	NO	0.81600	0.81630

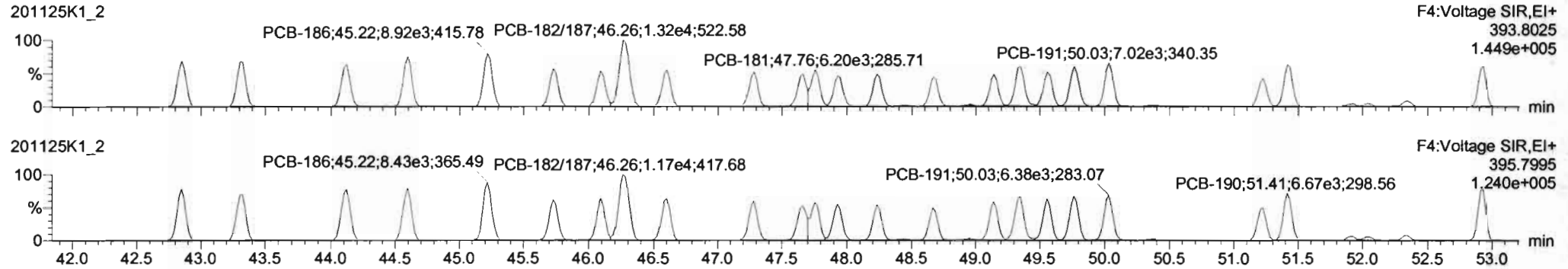


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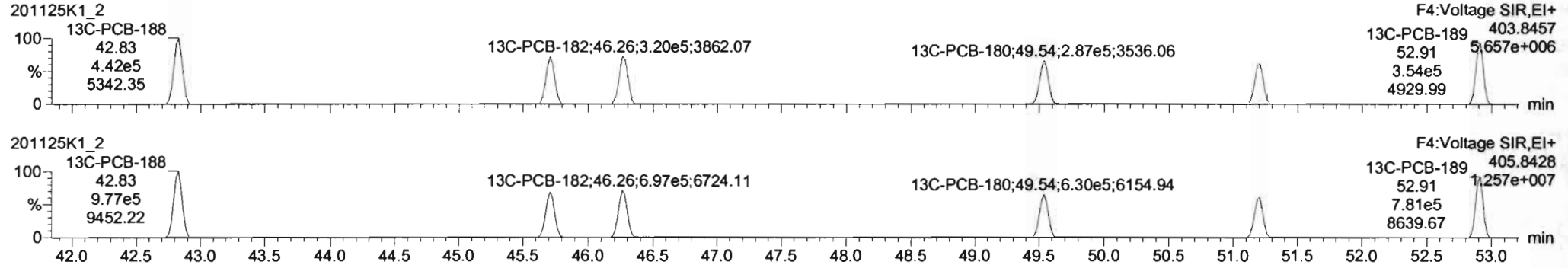
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

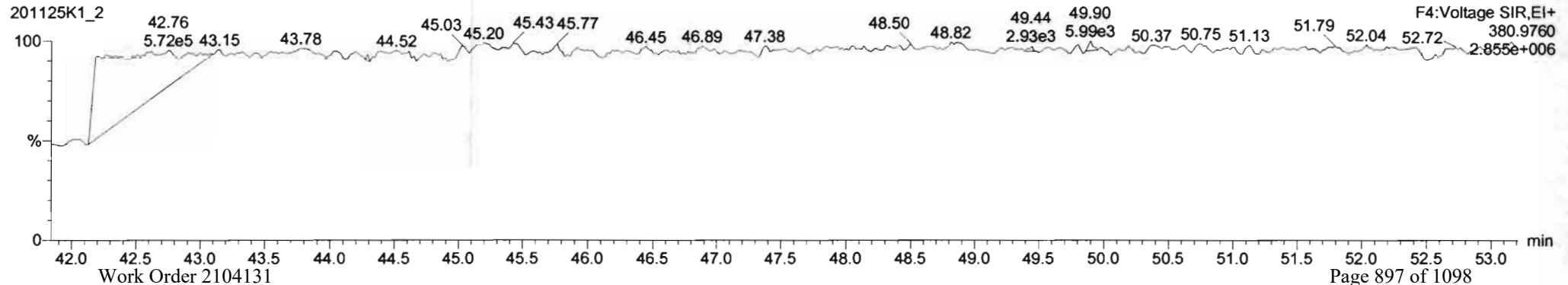
PCB-188



13C-PCB-188

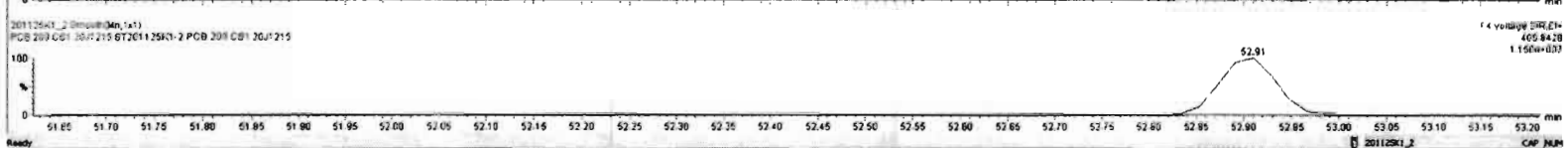
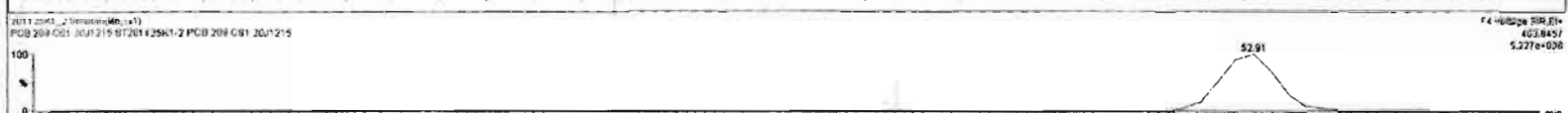


PFK4c



#	Name	Resp	RA	rv	RF	rd	PreRT	RT	PostR	RR	NRT	Fail	Conc	%Rec	DL	dBPC
221	221 3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000				NO	12.85	0.0872	12.85	
222	222 4th Function Hexa-PCBs				0.9455	1.000	0.00	0.000				NO	26.04	0.188	26.04	
223	223 Total Hexa-PCBs				1.2643	1.000	0.00	0.000				NO	23.00	0.198	23.08	
224	224 4th Function Octa-PCBs				0.8805	1.000	0.00	0.000				NO	8.283	0.0475	8.283	
225	225 5th Function Octa-PCBs				1.0857	1.000	0.00	0.000				NO	2.784	0.0145	2.784	
226	226 Total Hexa-PCBs				0.8871	1.000	0.00	0.000				NO	2.746	0.0178	2.746	
227	227 Deca-CB				0.8627	1.000	0.00	0.000				NO	0.8816	0.00130	0.8820	
228	228 Total PCBs															

#	Name	PreRT	RT	wt Resp	rd Resp	1* Ratio (Pre)	RA	rv	dBPC	Conc
1	131 PCB-188	42.87	42.85	7.823e3	7.467e3	1.050	1.05	NO	0.92700	0.92711
2	132 PCB-184	43.32	43.31	7.800e3	7.206e3	1.050	1.08	NO	0.92800	0.92775
3	133 PCB-179	44.12	44.12	7.210e3	7.717e3	1.050	0.93	NO	0.97800	0.97895
4	134 PCB-178	44.59	44.59	8.085e3	7.387e3	1.050	1.09	NO	0.98000	0.97975
5	135 PCB-186	45.24	45.22	8.916e3	8.428e3	1.050	1.06	NO	0.99300	0.99289
6	136 PCB-178	45.75	45.73	8.267e3	5.890e3	1.050	1.06	NO	1.0320	1.0320
7	137 PCB-175	46.00	46.00	5.856e3	5.712e3	1.050	1.02	NO	0.95900	0.95970
8	138 PCB-182/87	46.28	46.28	1.517e4	1.172e4	1.050	1.12	NO	1.8620	1.8623

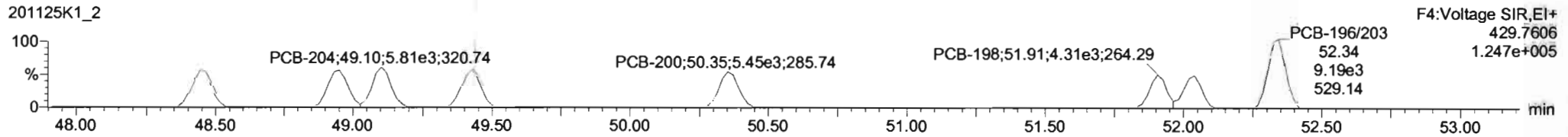
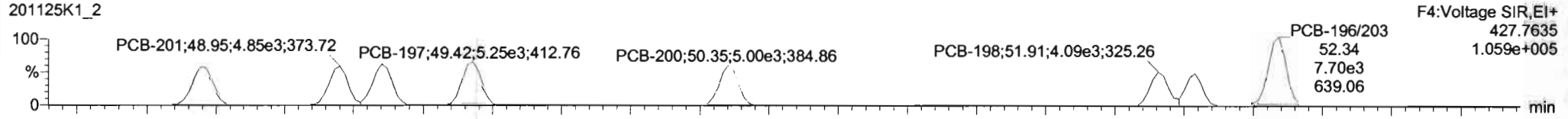


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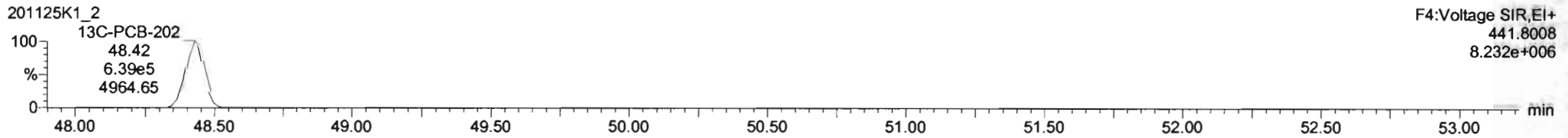
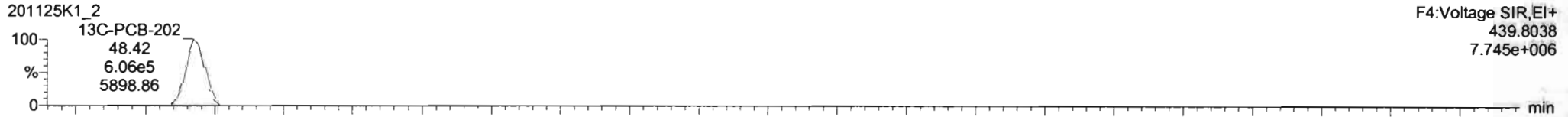
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_2, Date: 25-Nov-2020, Time: 10:48:14, ID: ST201125K1-2 PCB 209 CS1 20J1215, Description: PCB 209 CS1 20J1215

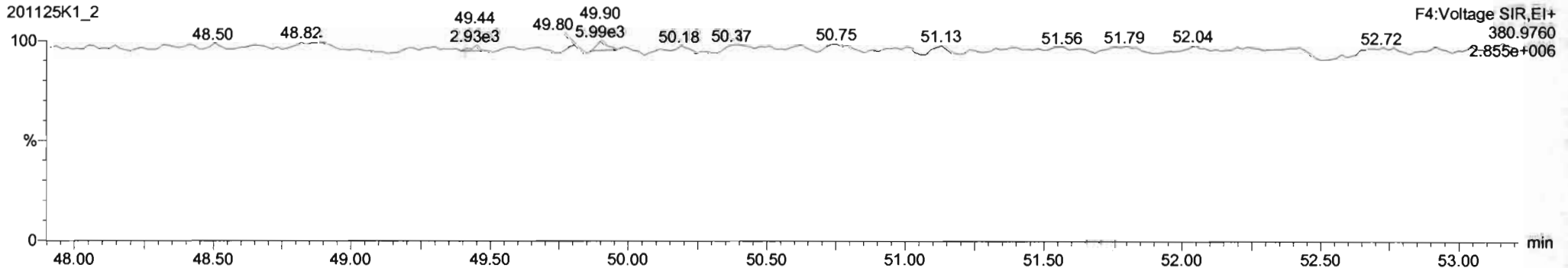
PCB-202



13C-PCB-202



PFK4d



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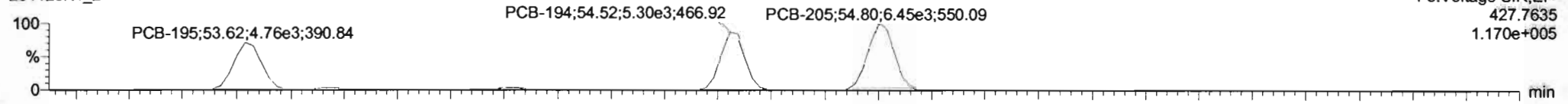
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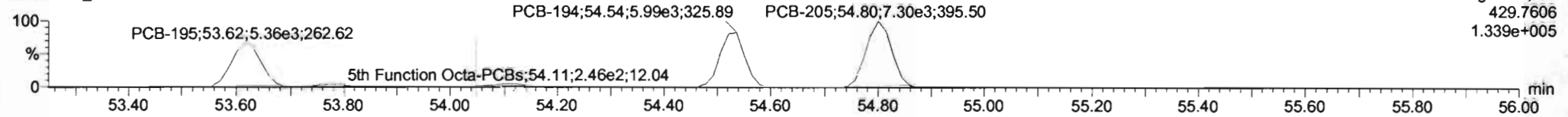
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PCB-195

201125K1_2

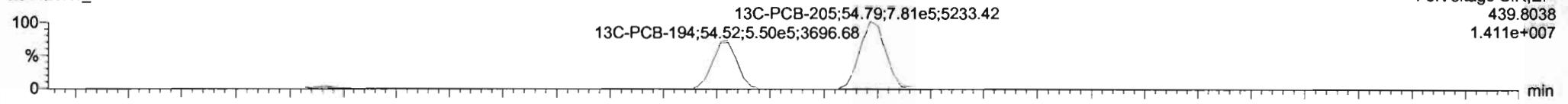


201125K1_2

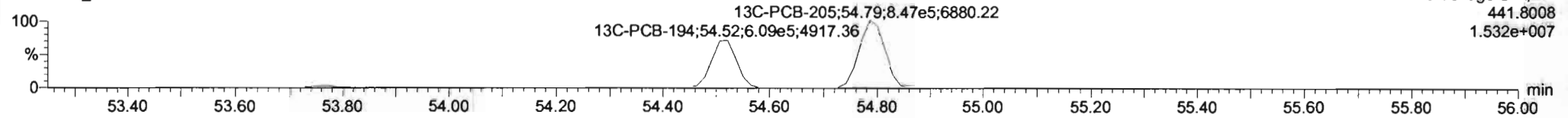


13C-PCB-194

201125K1_2

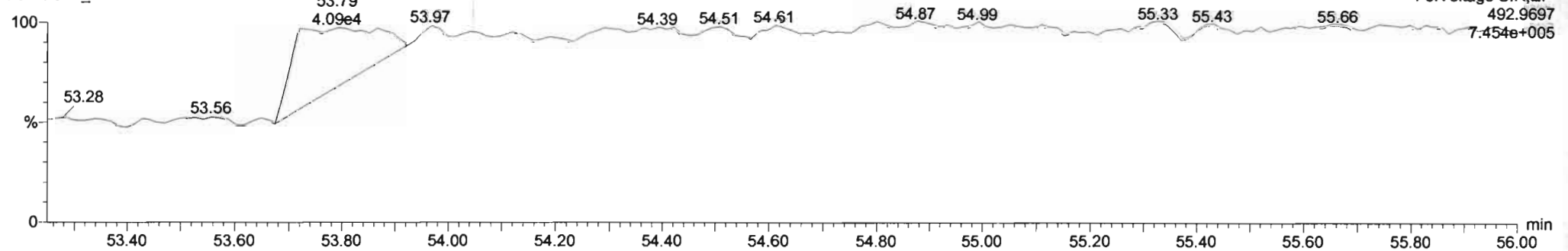


201125K1_2



PFK5a

201125K1_2



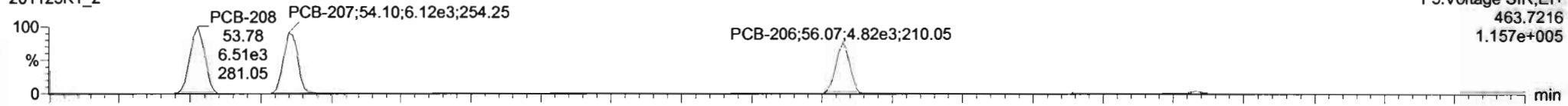
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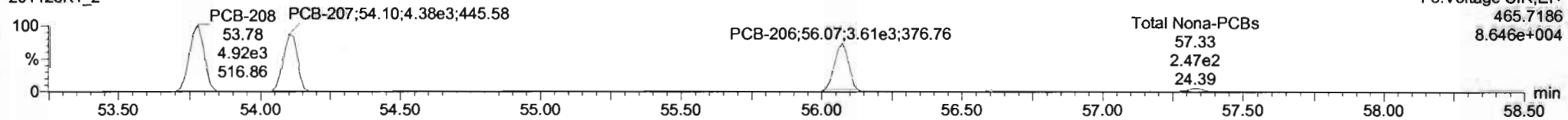
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PCB-208

201125K1_2

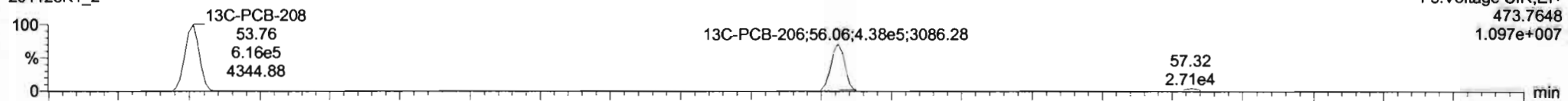


201125K1_2

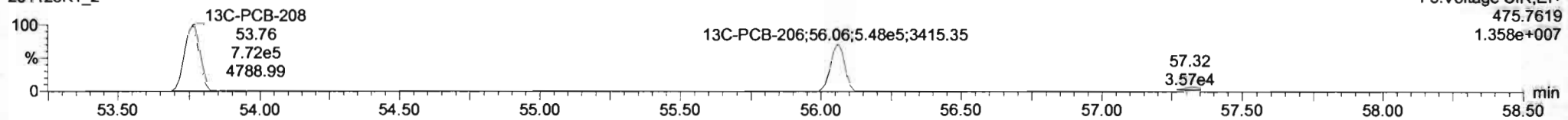


13C-PCB-208

201125K1_2

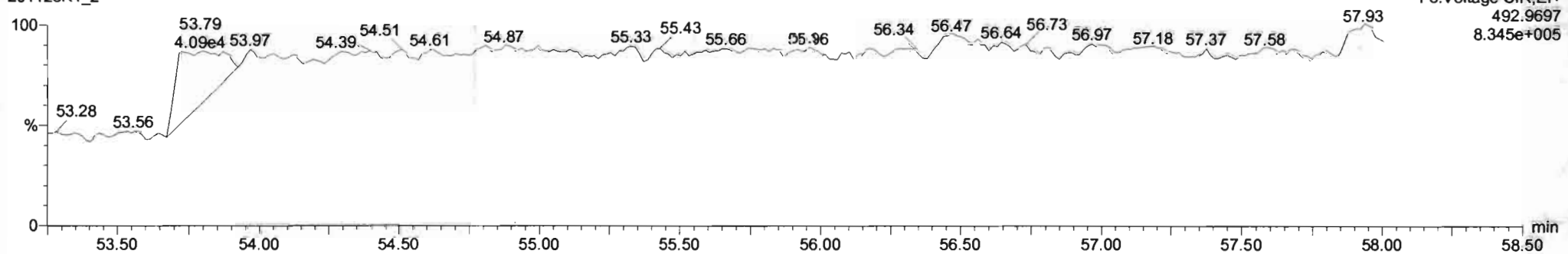


201125K1_2



PFK5

201125K1_2



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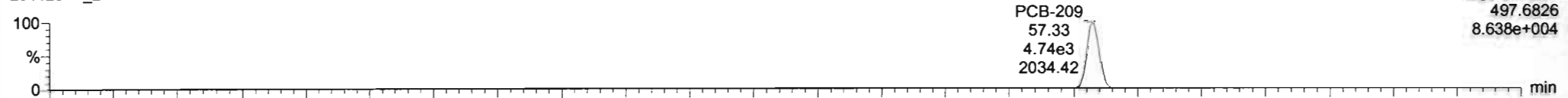
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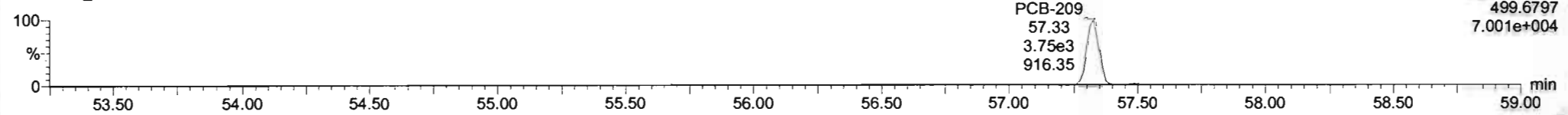
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PCB-209

201125K1_2

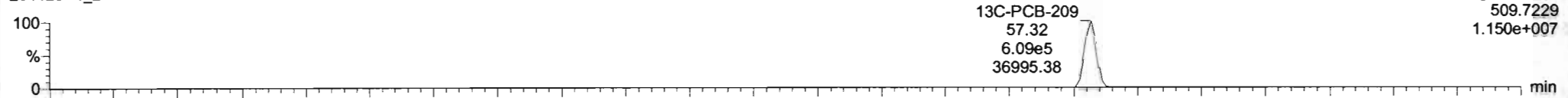


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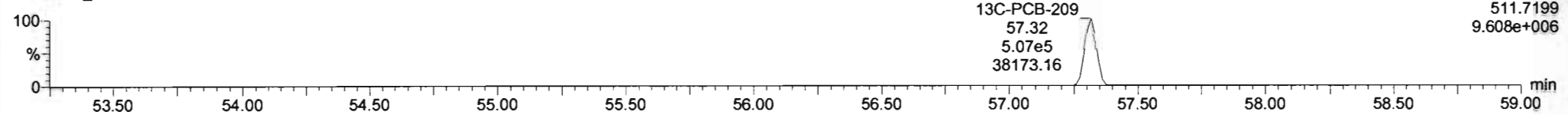


13C-PCB-209

201125K1_2

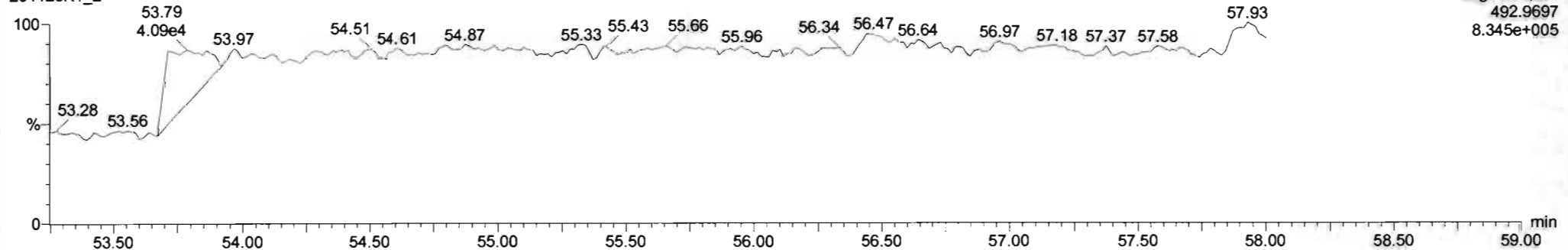


201125K1_2



PFK5b

201125K1_2

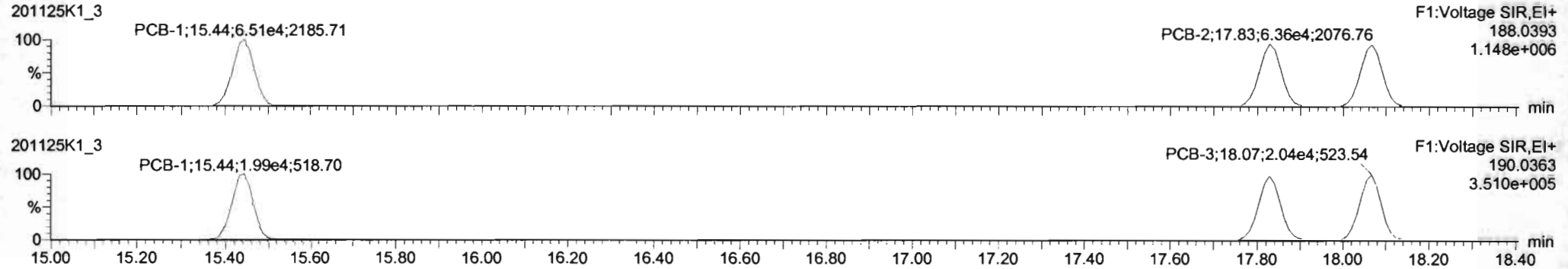


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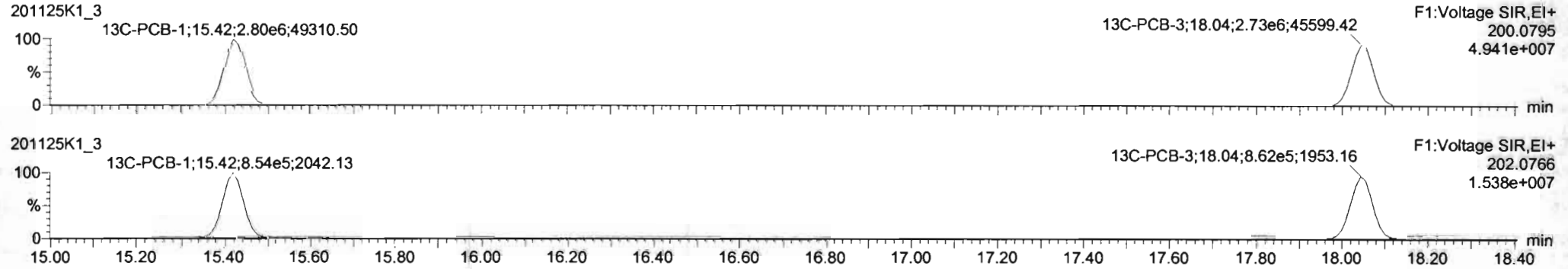
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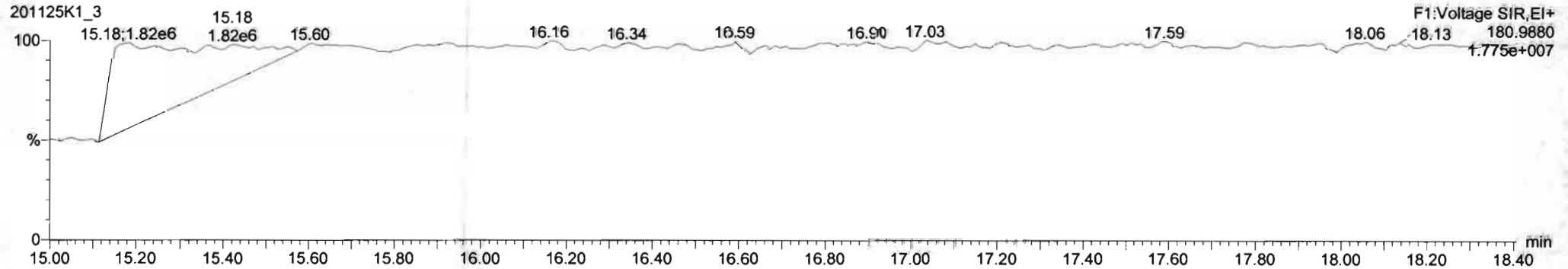
PCB-1



13C-PCB-1



PFK1



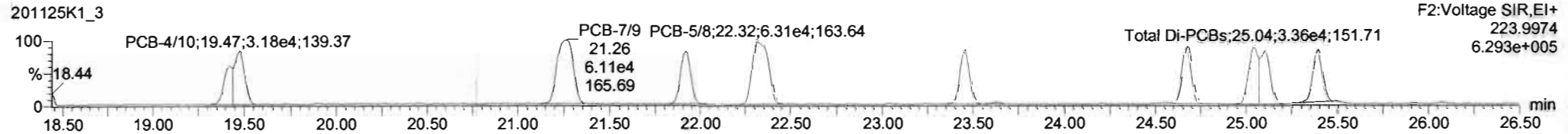
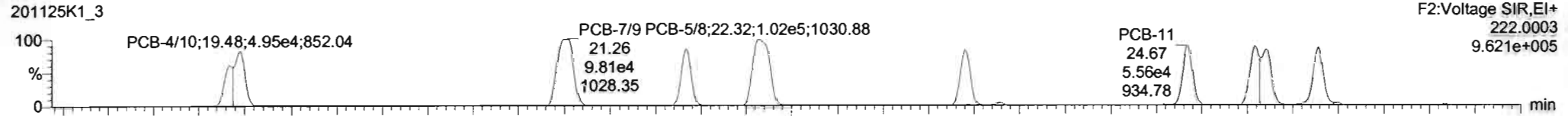
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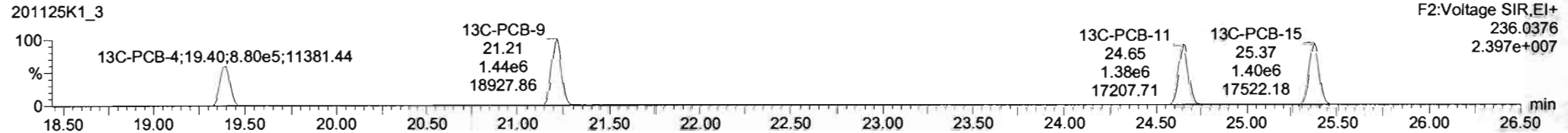
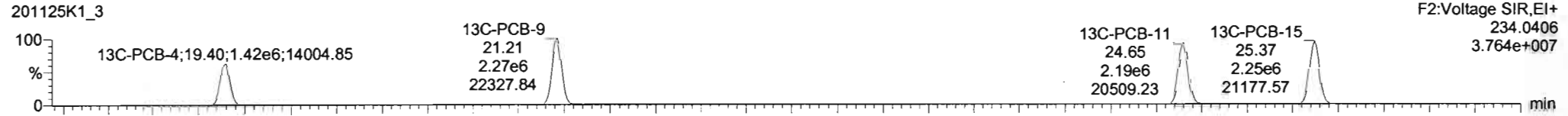
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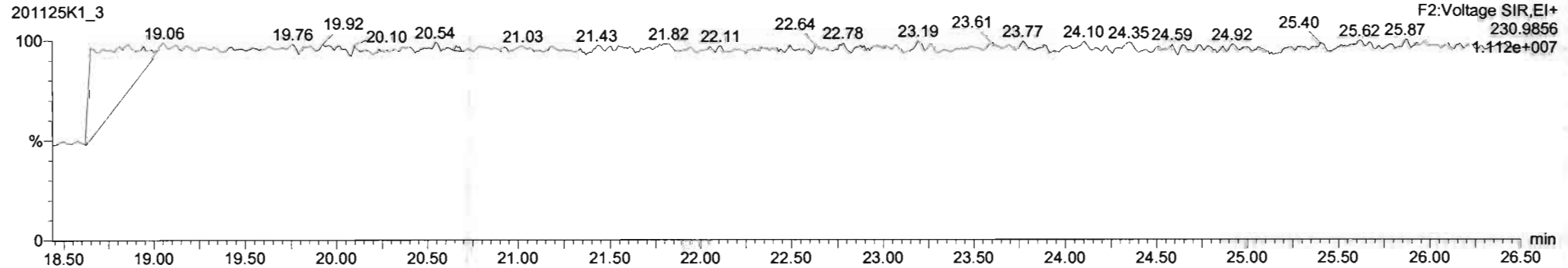
PCB-4/10



13C-PCB-4

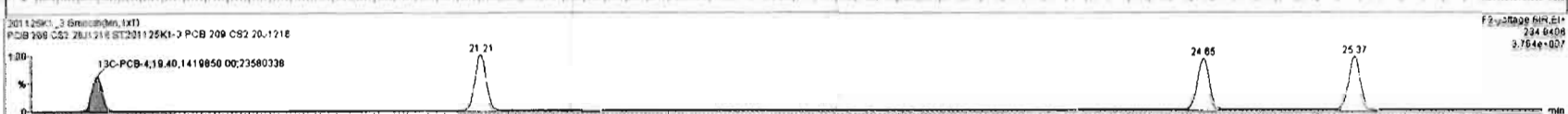
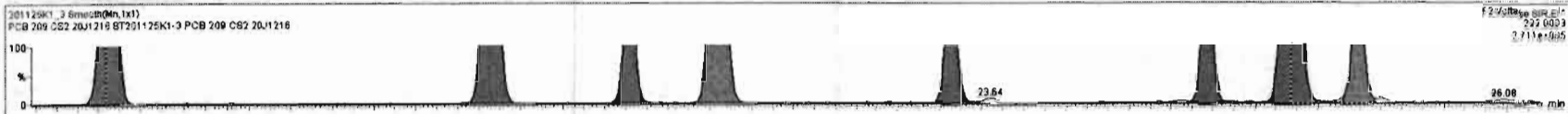


PFK2a



#	Name	Resp	RA	nly	RVF	wtAvd	PredRT	RT	PredR..	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	6.965		0.0116	6.965
225	Total Di-PCBs				1.0067	1.000	0.00		0.000		NO	27.80		0.129	27.80
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	18.03		0.0521	18.03
227	3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	37.00		0.168	37.01
228	Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	86.03		0.287	86.03
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	92.90		0.252	92.90
230	4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	11.36		0.0424	11.36
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	30.72		0.0769	30.72
232	4th Function Hexa-PCBs				1.0444	1.000	0.00		0.000		NO	43.40		0.133	43.40

#	Name	PredRT	RT	wt Resp	sd Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
4	PCB-4/10	19.46	19.48	7.849e4	5.112e4	1.560	1.55	NO	4.7030	4.7032
5	PCB-7/9	21.27	21.26	9.808e4	6.106e4	1.590	1.61	NO	4.5760	4.5769
6	PCB-6	21.92	21.92	5.121e4	3.291e4	1.590	1.56	NO	2.2770	2.2768
7	PCB-5/8	22.32	22.32	1.021e5	6.307e4	1.590	1.62	NO	4.5700	4.5702
8	PCB-14	23.44	23.45	5.152e4	3.223e4	1.590	1.60	NO	2.2910	2.2912
9	PCB-11	24.67	24.67	5.555e4	3.399e4	1.590	1.63	NO	2.2470	2.2469
7	PCB-12/13	25.10	25.04	1.014e5	6.620e4	1.590	1.53	NO	4.6000	4.6002
8	PCB-15	25.38	25.39	5.326e4	3.112e4	1.590	1.71	NO	2.3240	2.3243



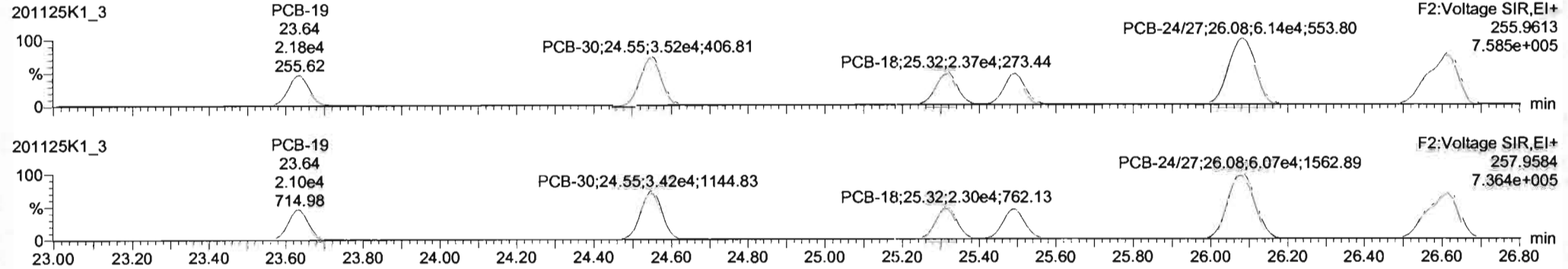
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

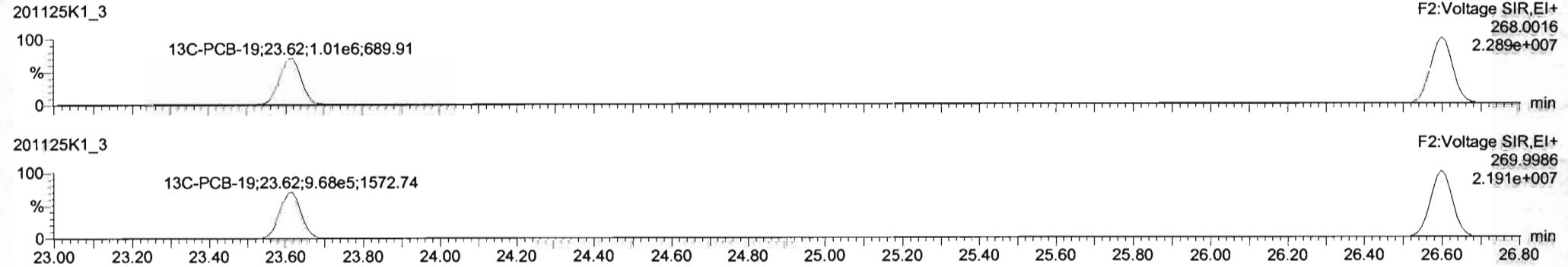
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Name: 201125K1_3, Date: 25-Nov-2020, Time: 11:48:31, ID: ST201125K1-3 PCB 209 CS2 20J1216, Description: PCB 209 CS2 20J1216

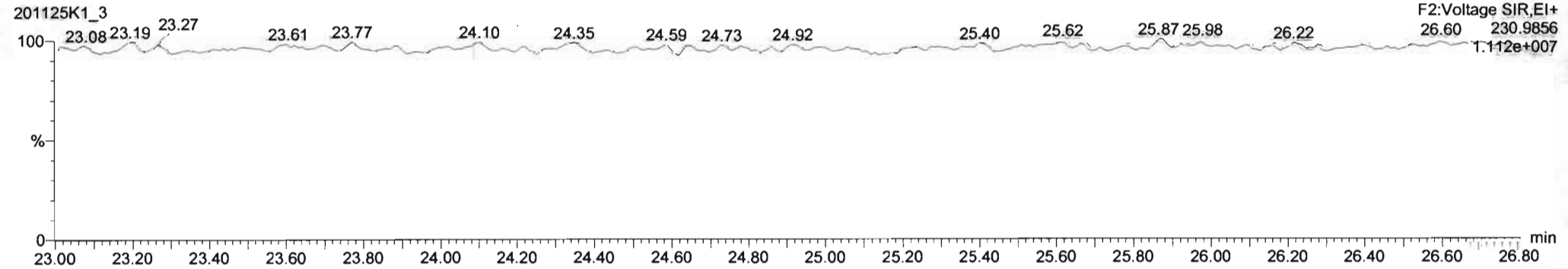
PCB-19



13C-PCB-19



PFK2b

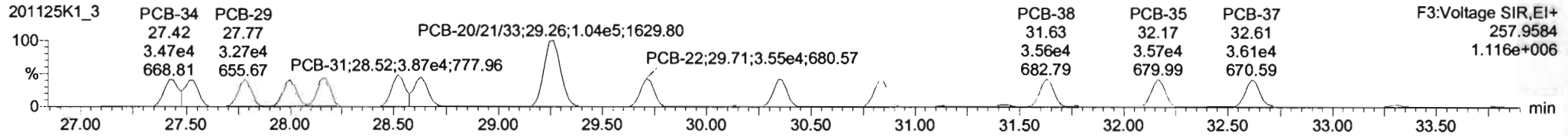
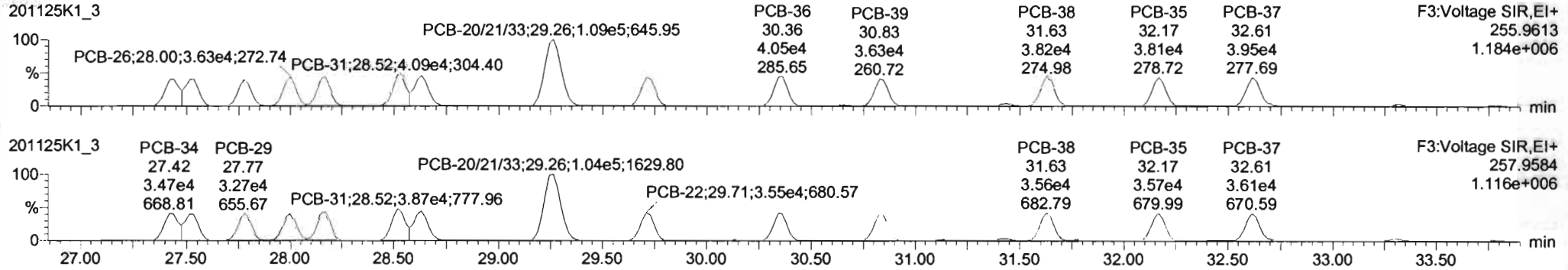


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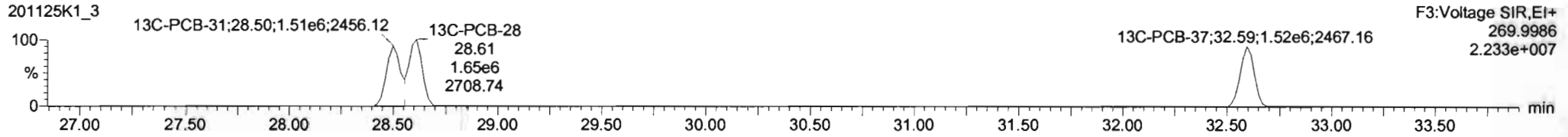
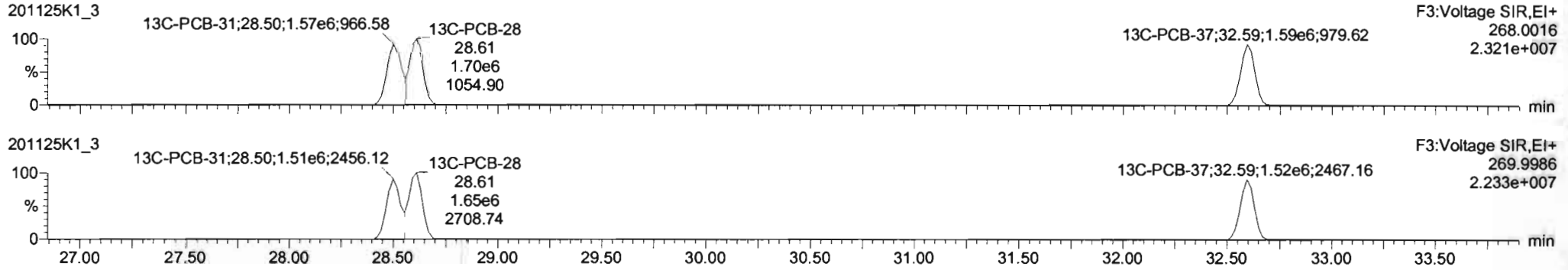
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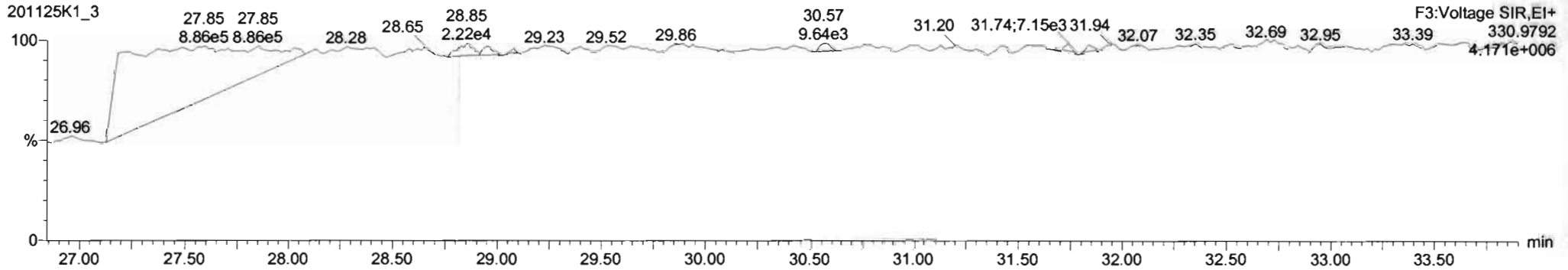
PCB-34



13C-PCB-28

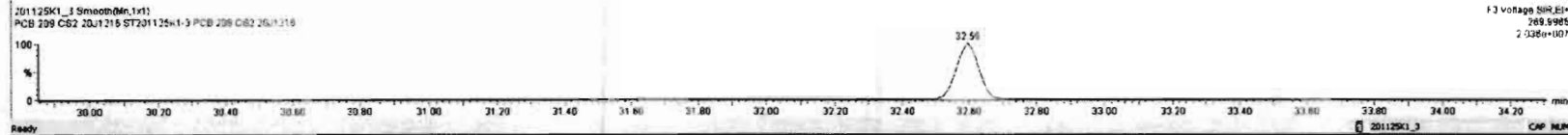
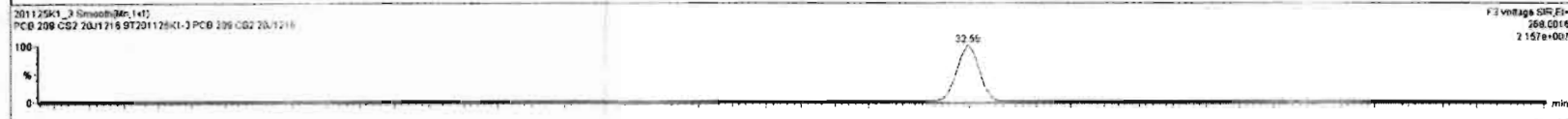
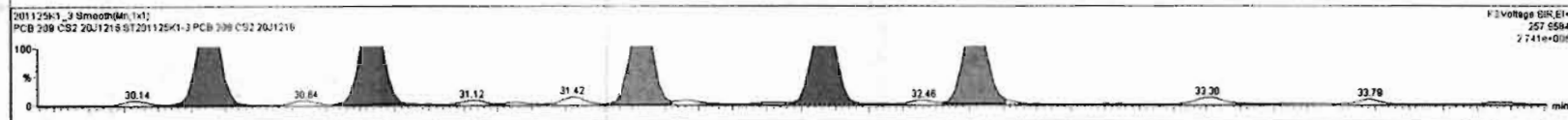
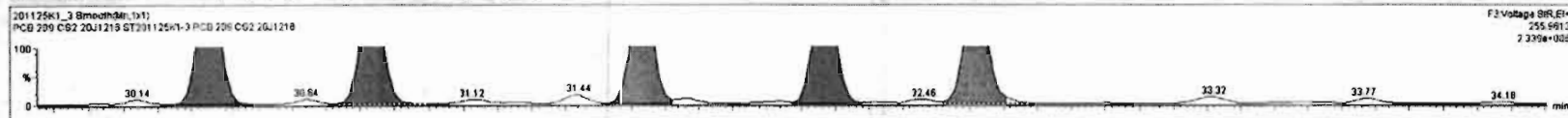


PFK3d



#	Name	Resp	RA	nly	RRV	ndVol	Pred.R1	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	8.985		0.0118	8.985
225	Total Di-PCBs				1.0267	1.000	0.00		0.000		NO	27.80		0.120	27.80
226	3rd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	18.03		0.0821	18.03
227	3rd Function Tetra-PCBs				0.9882	1.000	0.00		0.000		NO	37.60		0.188	37.60
228	Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	96.63		0.267	96.63
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	92.80		0.252	92.80
230	4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	11.38		0.0424	11.38
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	30.72		0.0769	30.72

#	Name	Pred.R1	RT	nt Resp	sd Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	18 PCB-24	27.44	27.44	3.531e4	3.485e4	1.040	1.02	NO	2.3830	2.3827
2	19 PCB-23	27.53	27.53	3.560e4	3.402e4	1.040	1.06	NO	2.3330	2.3331
3	20 PCB-29	27.77	27.77	3.370e4	3.273e4	1.040	1.03	NO	2.3060	2.3057
4	21 PCB-26	28.00	28.00	3.633e4	3.283e4	1.040	1.10	NO	2.2630	2.2634
5	22 PCB-25	28.18	28.17	3.749e4	3.546e4	1.040	1.06	NO	2.2830	2.2825
6	23 PCB-21	28.53	28.52	4.084e4	3.873e4	1.040	1.06	NO	2.2120	2.2117
7	24 PCB-28	28.83	28.83	4.110e4	3.841e4	1.040	1.07	NO	2.3430	2.3433
8	25 PCB-20/21/23	29.27	29.26	1.099e5	1.043e5	1.040	1.04	NO	6.9820	6.9821



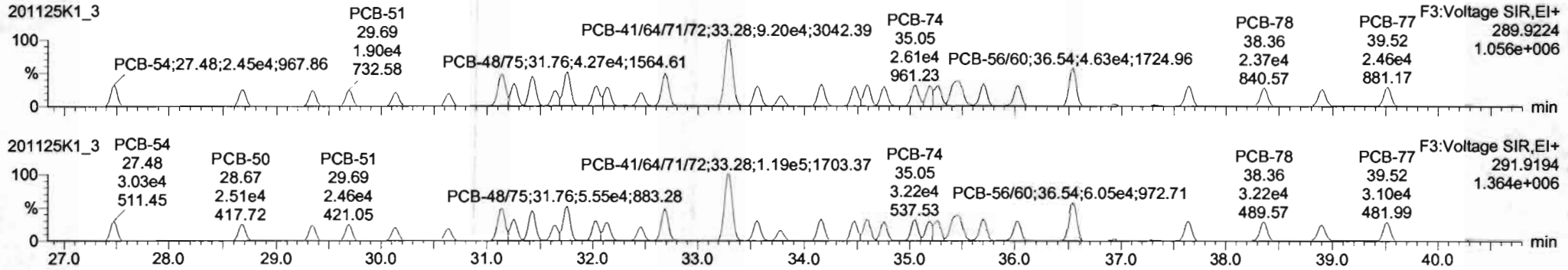
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

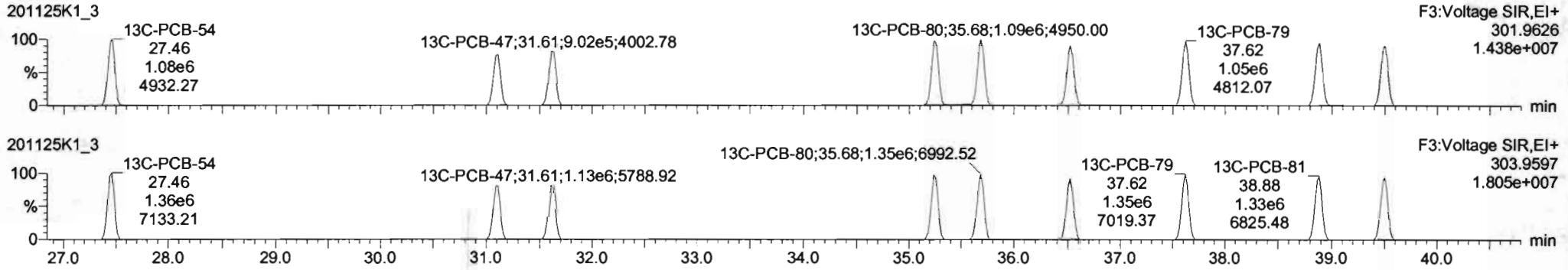
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Name: 201125K1_3, Date: 25-Nov-2020, Time: 11:48:31, ID: ST201125K1-3 PCB 209 CS2 20J1216, Description: PCB 209 CS2 20J1216

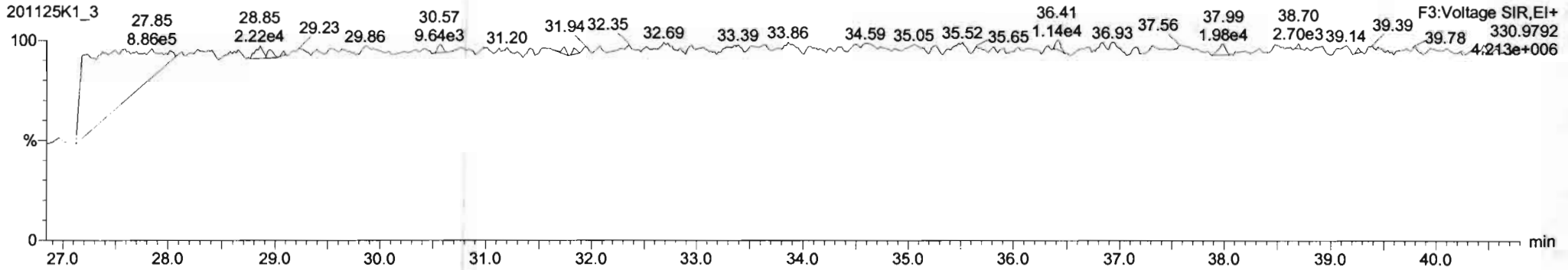
PCB-54



13C-PCB-54



PFK3a



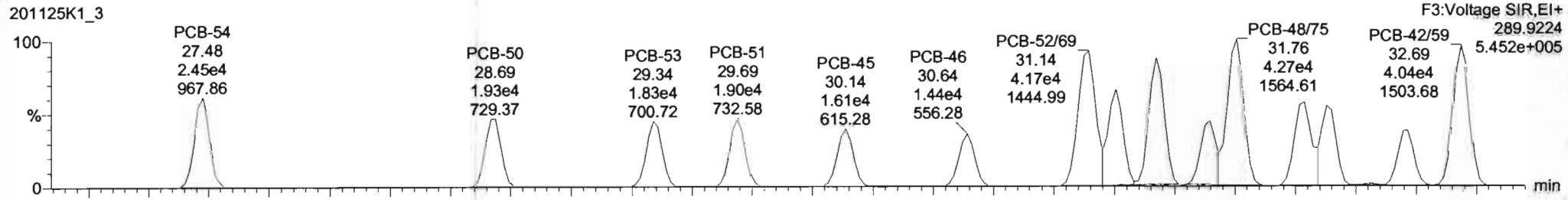
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

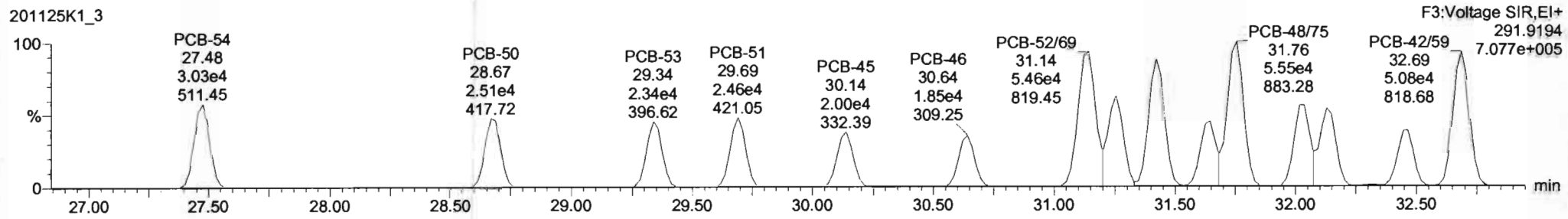
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PCB-50

201125K1_3

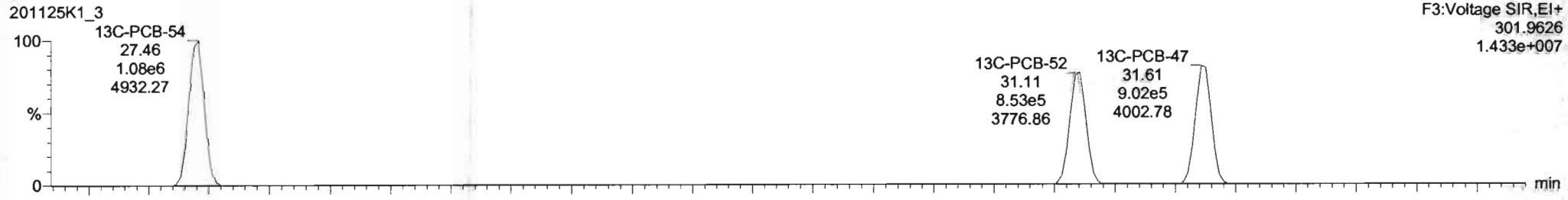


201125K1_3

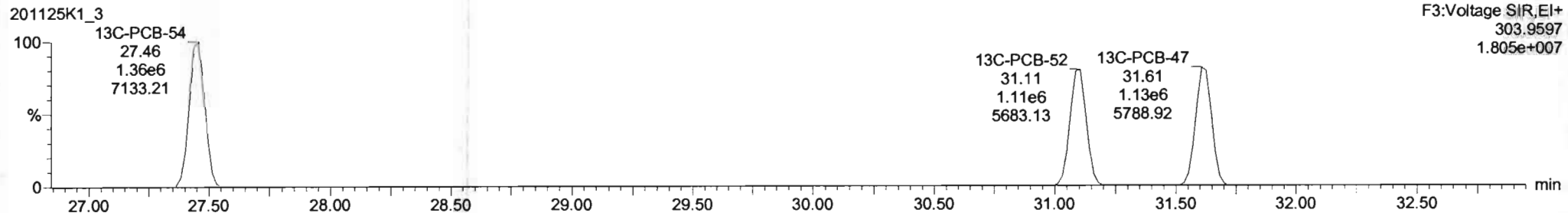


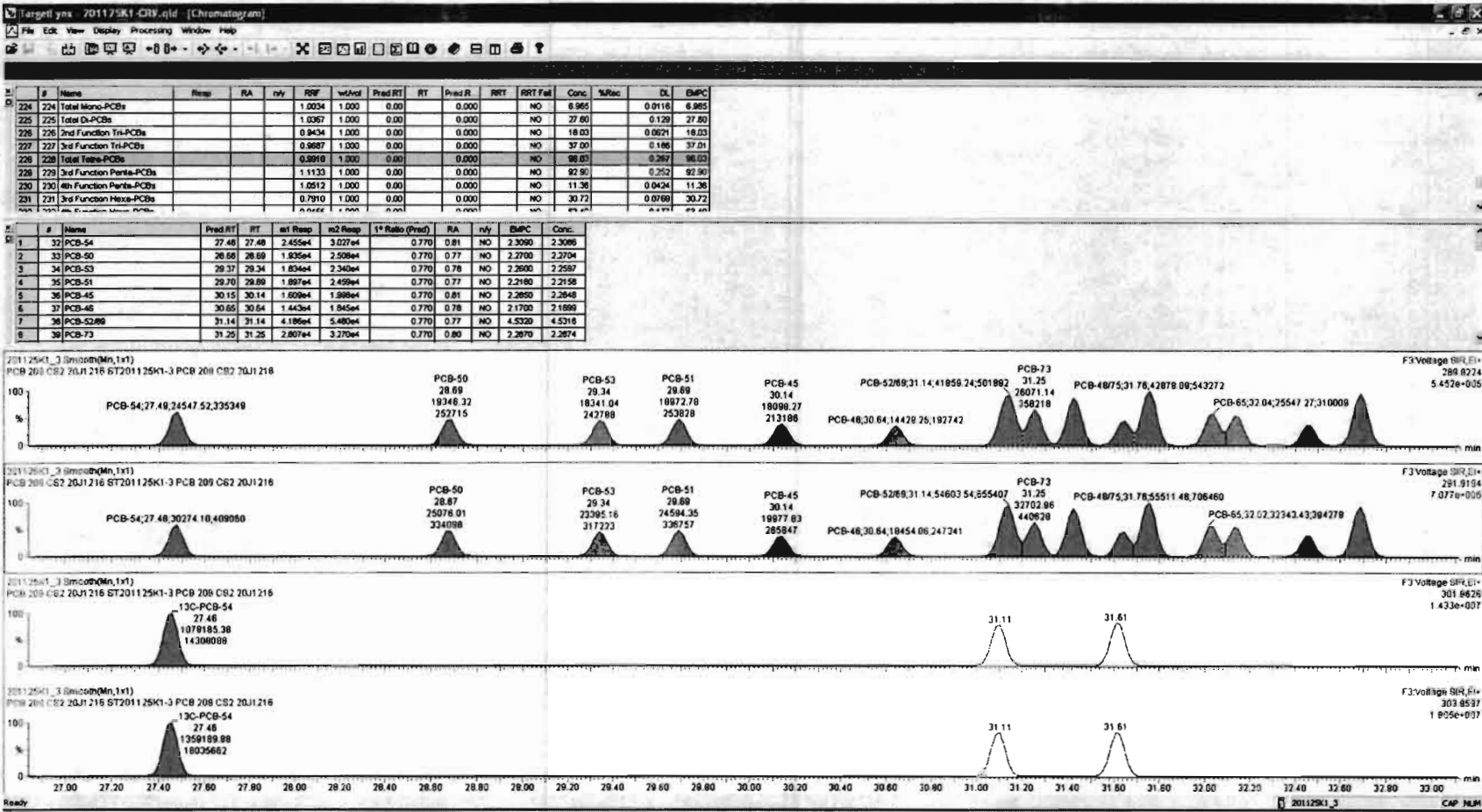
13C-PCB-52

201125K1_3



201125K1_3



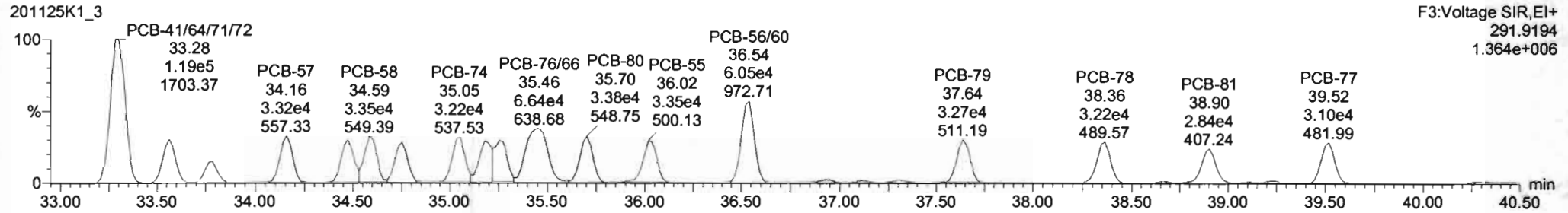
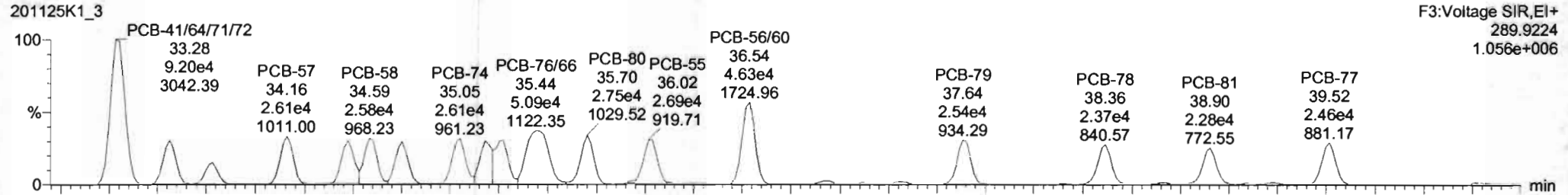


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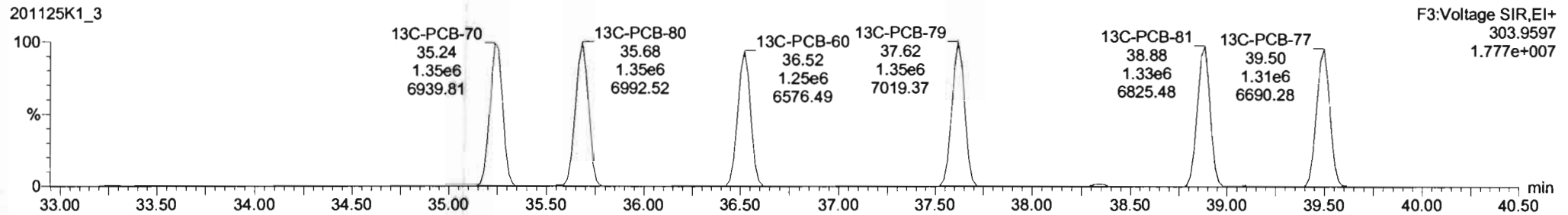
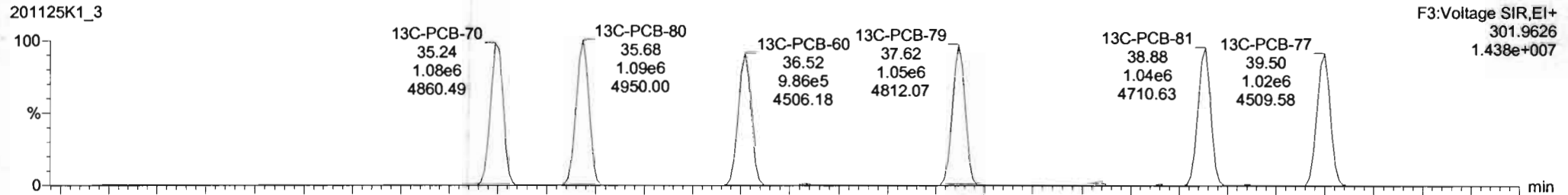
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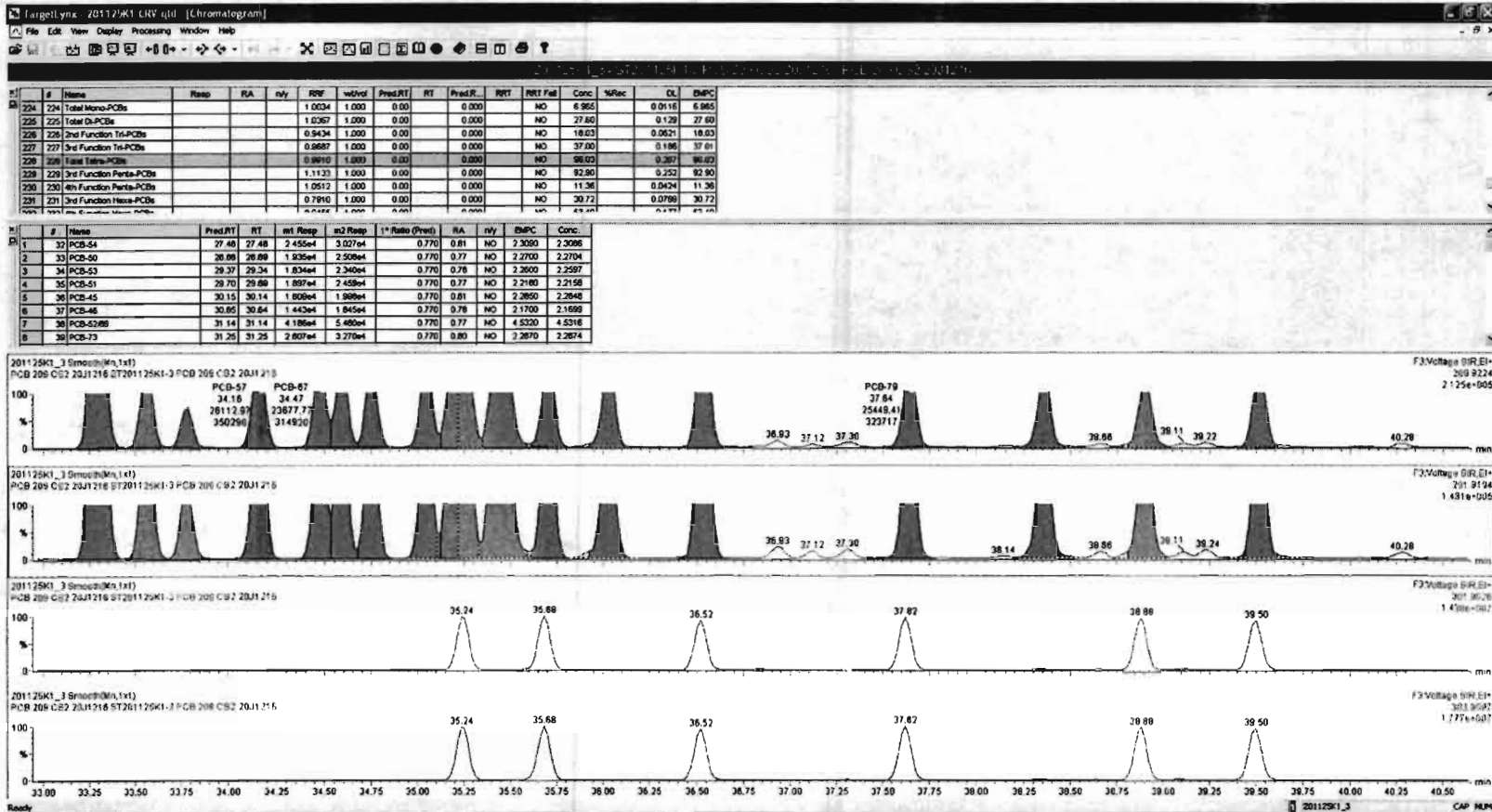
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PCB-68



13C-PCB-60



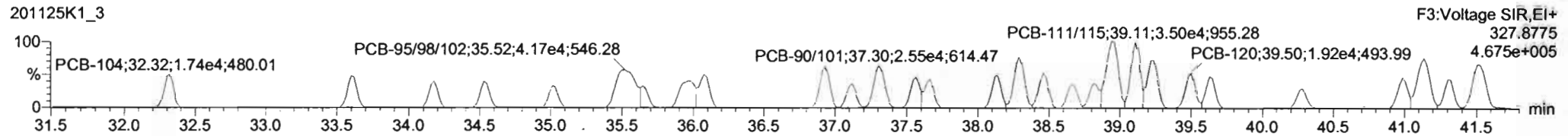
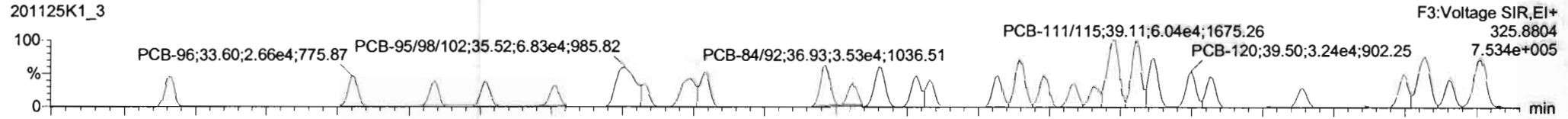


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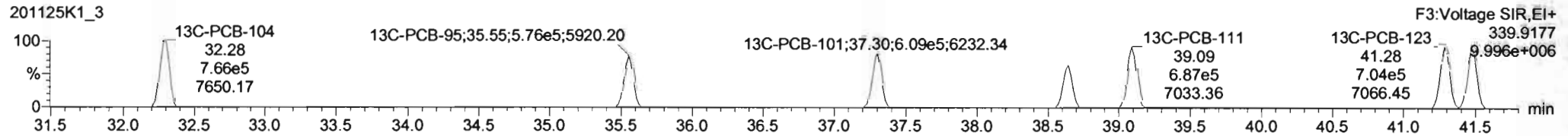
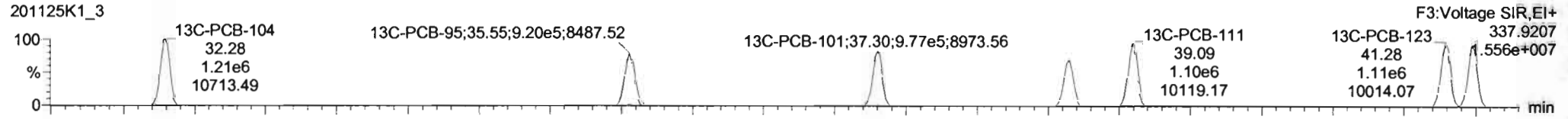
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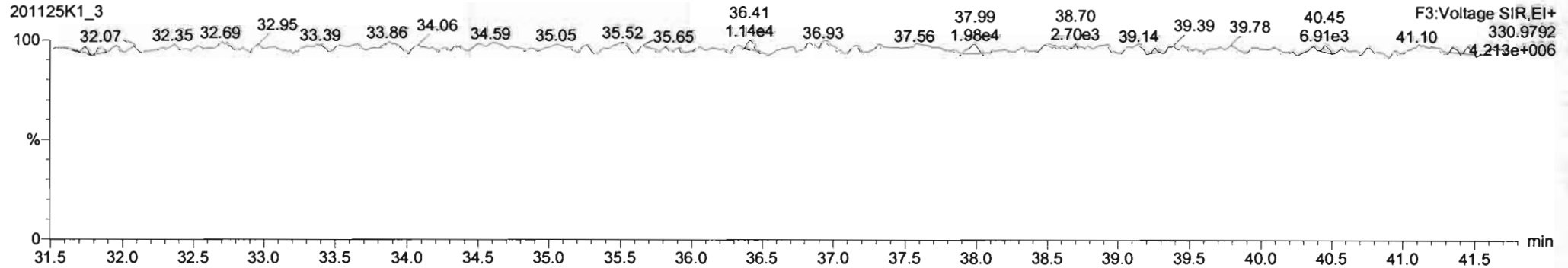
PCB-104



13C-PCB-104



PFK3b



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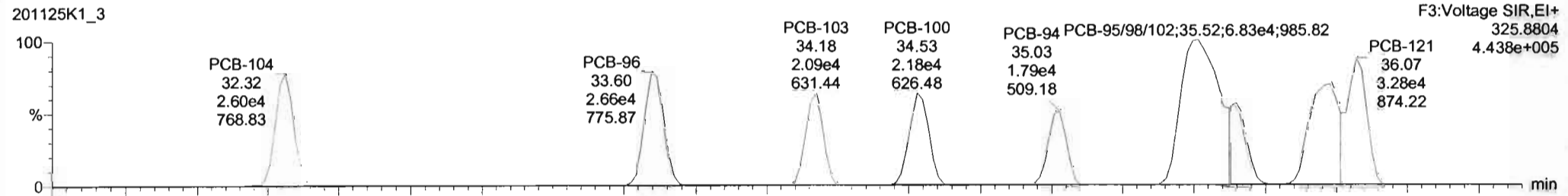
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

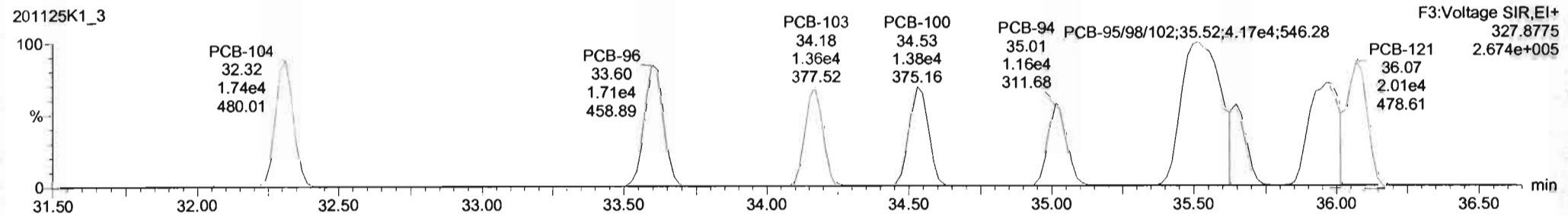
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PCB-96

201125K1_3

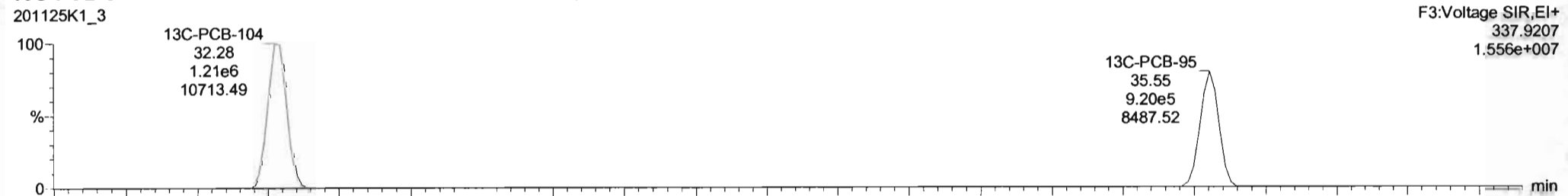


201125K1_3

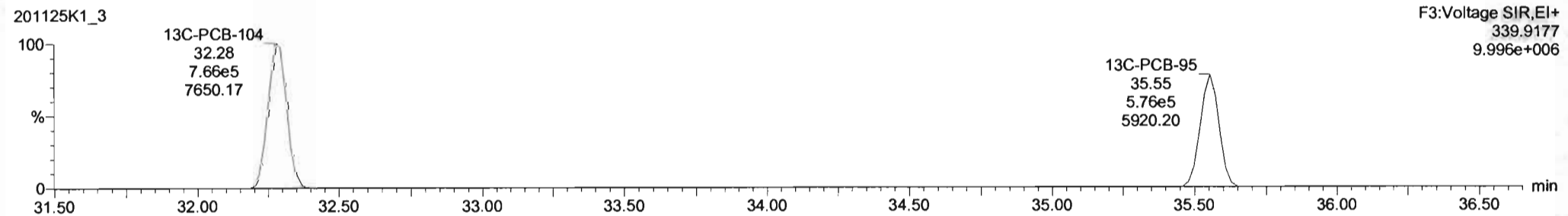


13C-PCB-95

201125K1_3



201125K1_3

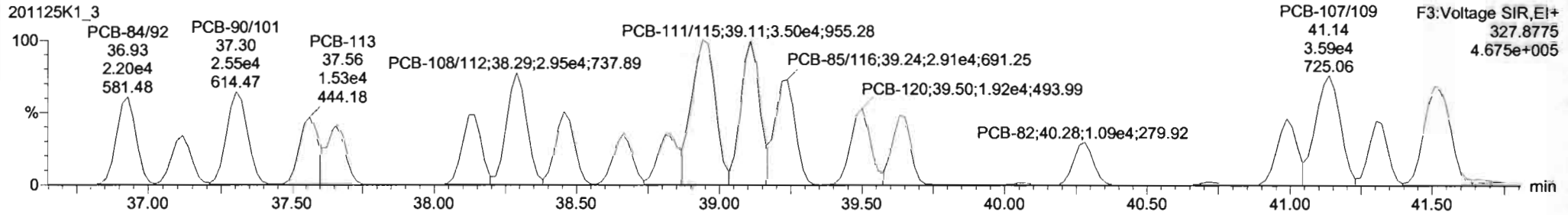
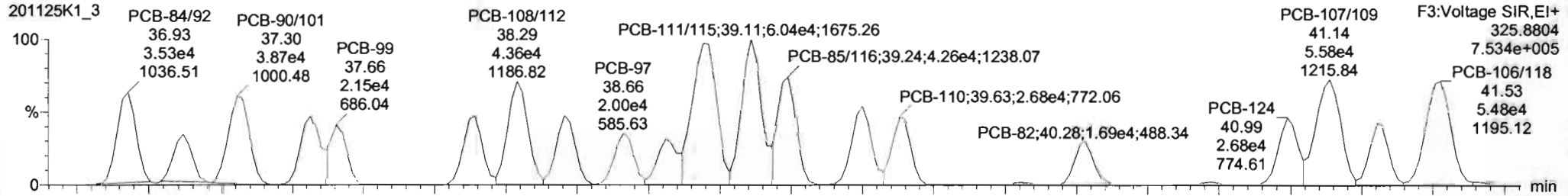


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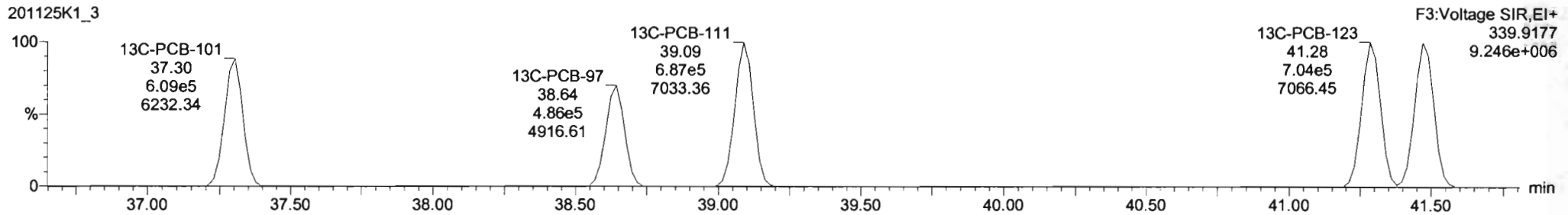
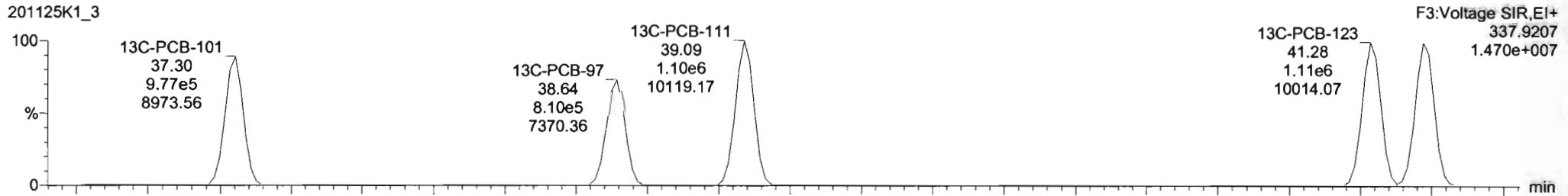
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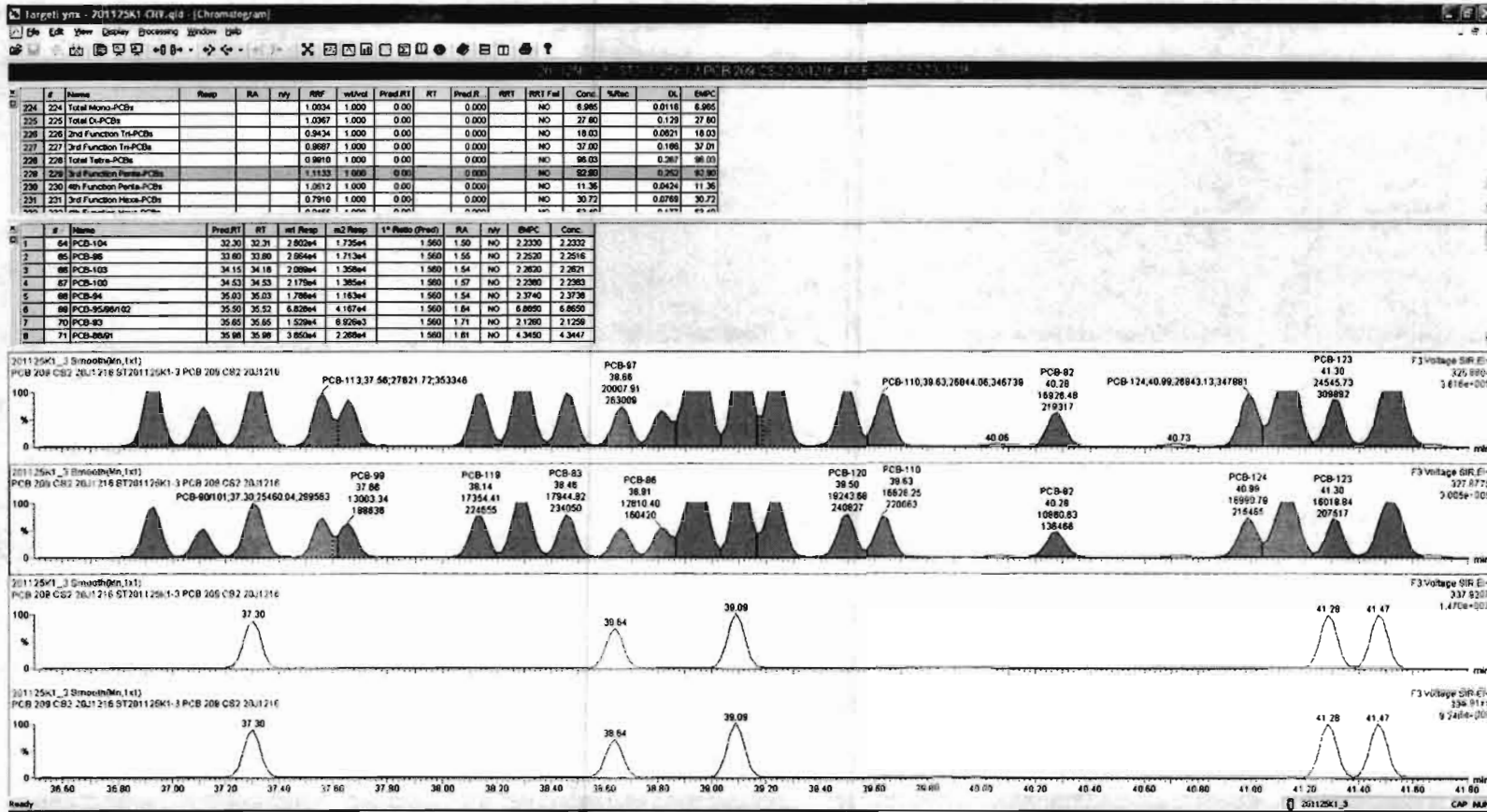
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PCB-119



13C-PCB-111



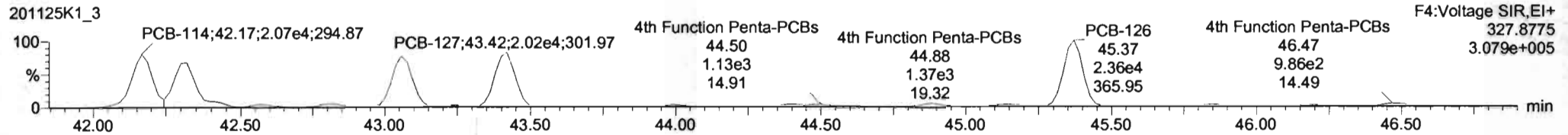
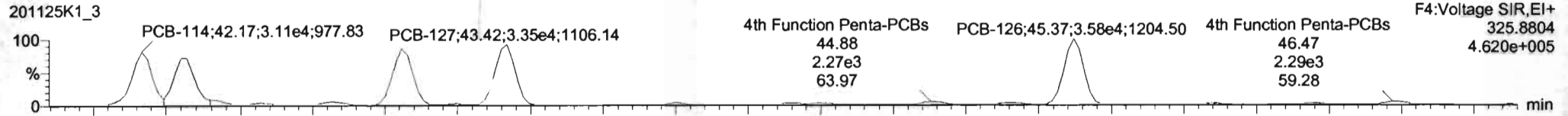


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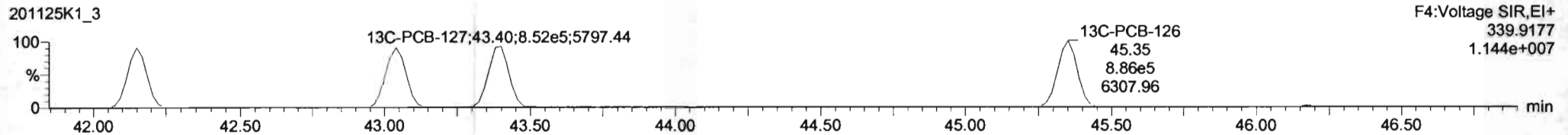
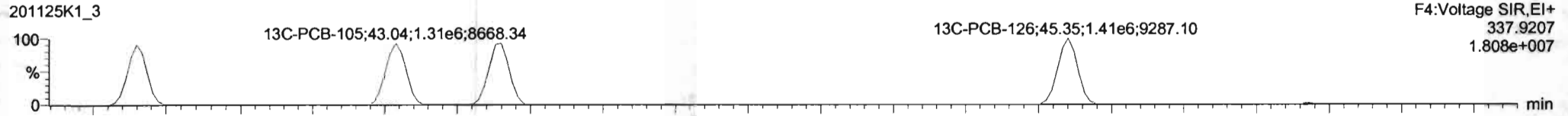
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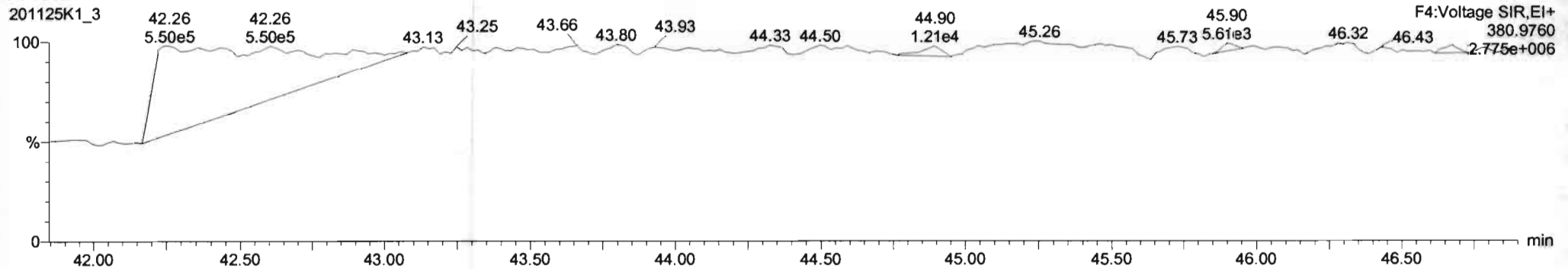
PCB-114

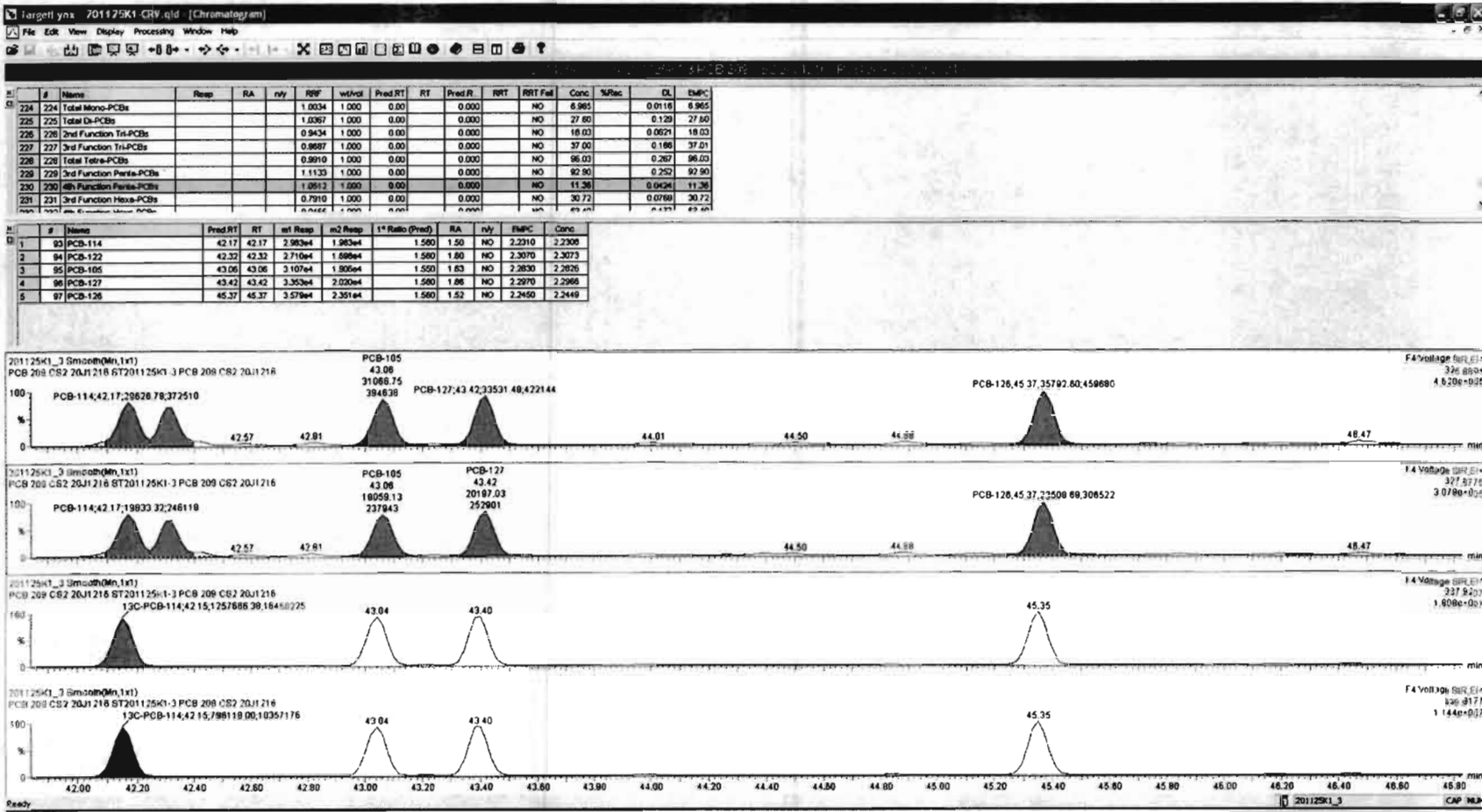


13C-PCB-114



PFK4a





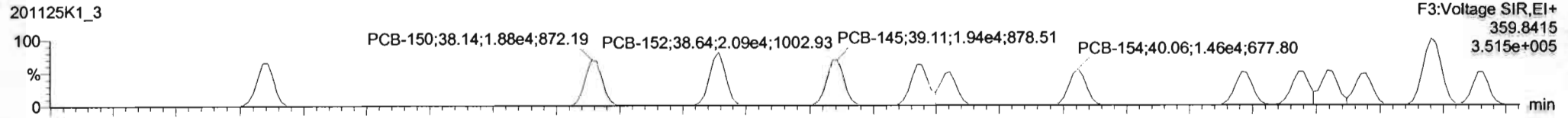
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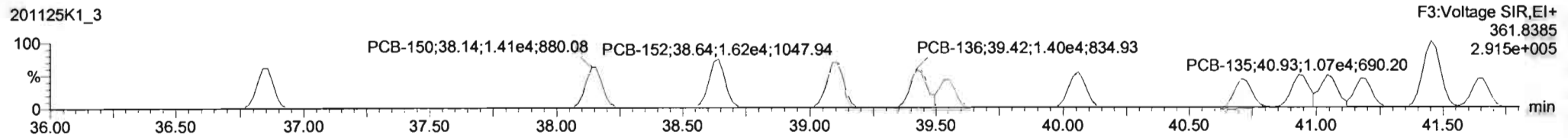
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PCB-155

201125K1_3

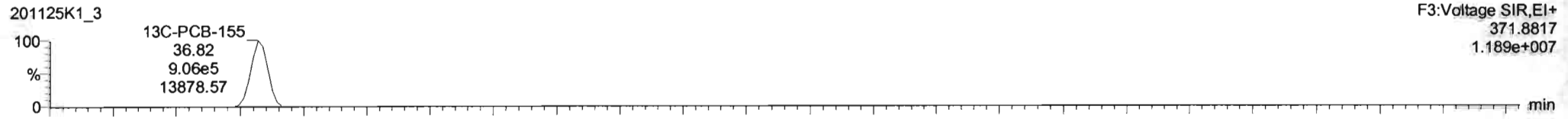


201125K1_3

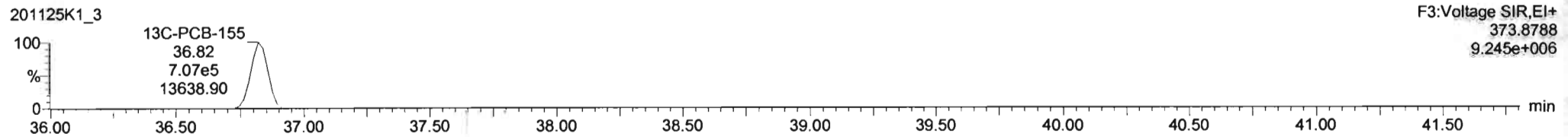


13C-PCB-155

201125K1_3

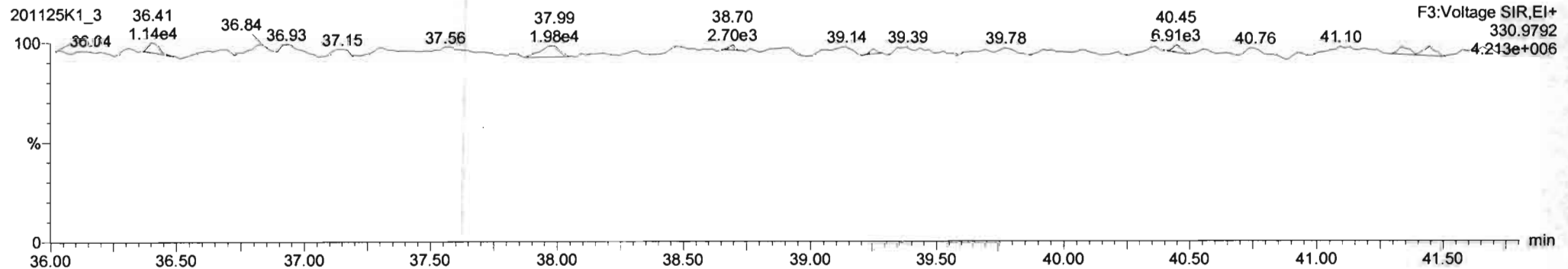


201125K1_3



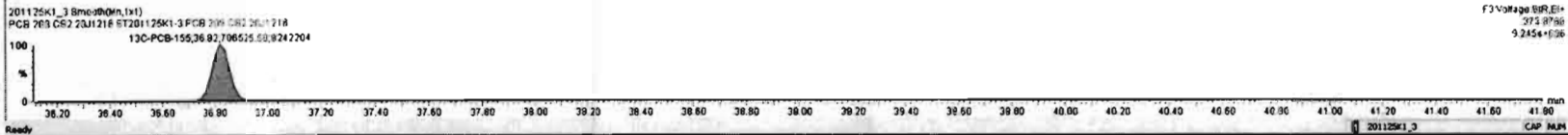
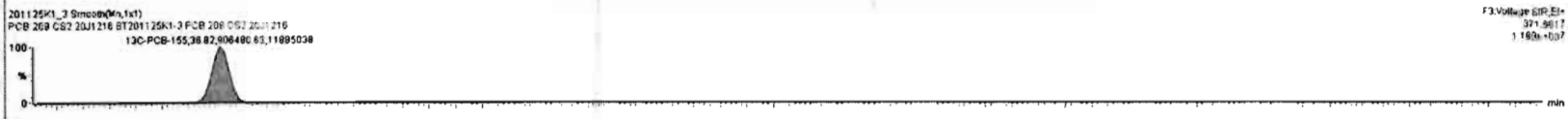
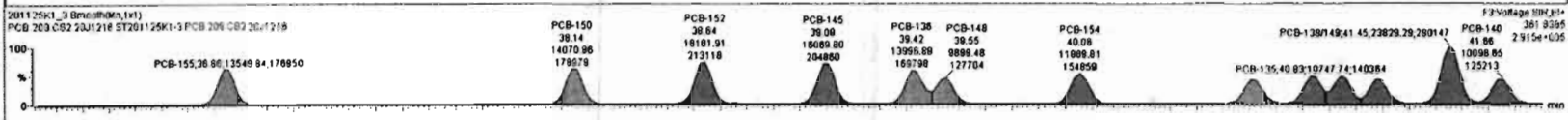
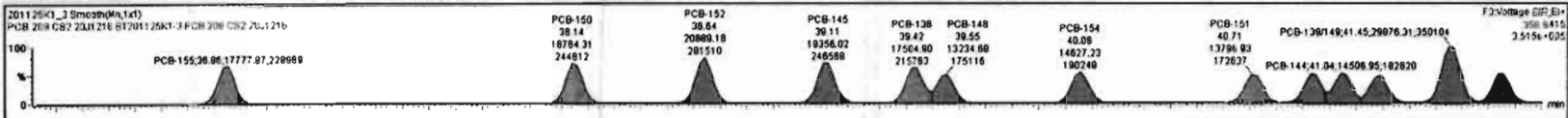
PFK3c

201125K1_3



#	Name	Resp	RA	nHy	RT	width	Prod RT	RT	Prod R	RT	Prod R	RT	Prod R	Conc	%Rec	DL	EWPC
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000					NO	6.965	0.0116	6.965
225	225 Total Di-PCBs				1.0267	1.000	0.00		0.000					NO	27.80	0.129	27.80
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000					NO	18.03	0.0621	18.03
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000					NO	37.00	0.168	37.01
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000					NO	98.03	0.267	98.03
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000					NO	82.80	0.252	82.80
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00		0.000					NO	11.36	0.0424	11.36
231	231 3rd Function Hexa-PCBs				0.7810	1.000	0.00		0.000					NO	30.72	0.0709	30.72

#	Name	Prod RT	RT	int Resp	m2 Resp	1* Ratio (Prod)	RA	nHy	EWPC	Conc
1	98 PCB-155	36.84	36.85	1.778e4	1.356e4	1.240	1.31	NO	2.2780	2.2780
2	98 PCB-150	38.16	38.14	1.878e4	1.407e4	1.240	1.34	NO	2.1800	2.1800
3	100 PCB-152	38.64	38.64	2.089e4	1.618e4	1.240	1.28	NO	2.2570	2.2572
4	101 PCB-145	38.11	38.11	1.935e4	1.807e4	1.240	1.20	NO	2.2359	2.2348
5	102 PCB-136	38.44	38.42	1.750e4	1.400e4	1.240	1.25	NO	2.2170	2.2188
6	103 PCB-148	39.55	39.55	1.323e4	9.886e3	1.240	1.34	NO	2.1530	2.1531
7	104 PCB-154	40.05	40.05	1.483e4	1.189e4	1.240	1.23	NO	2.2810	2.2810
8	105 PCB-151	40.72	40.71	1.300e4	9.782e3	1.240	1.41	NO	2.1670	2.1687

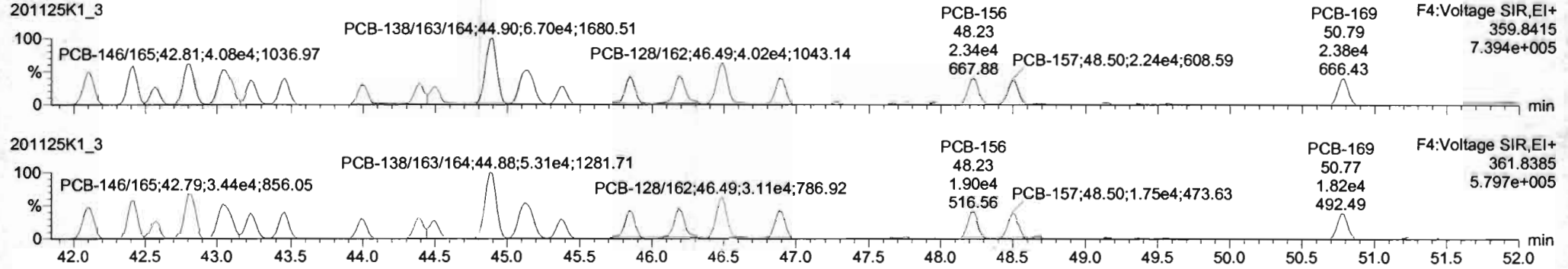


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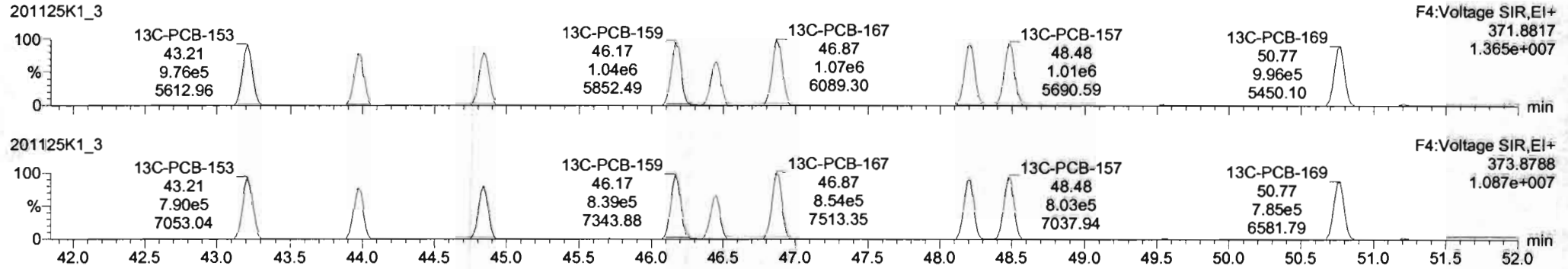
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Name: 201125K1_3, Date: 25-Nov-2020, Time: 11:48:31, ID: ST201125K1-3 PCB 209 CS2 20J1216, Description: PCB 209 CS2 20J1216

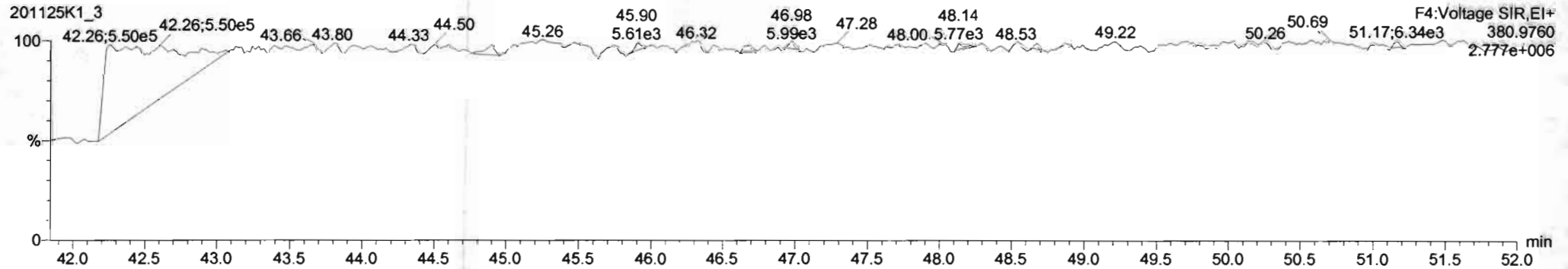
PCB-134/143



13C-PCB-153

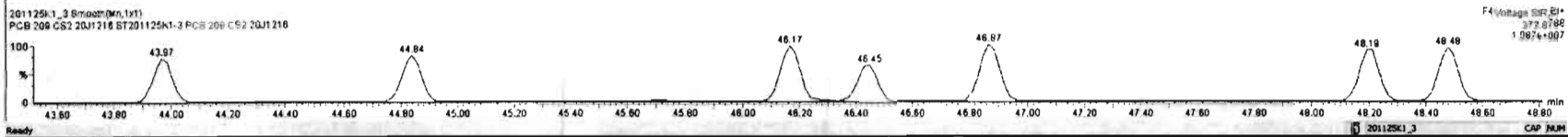
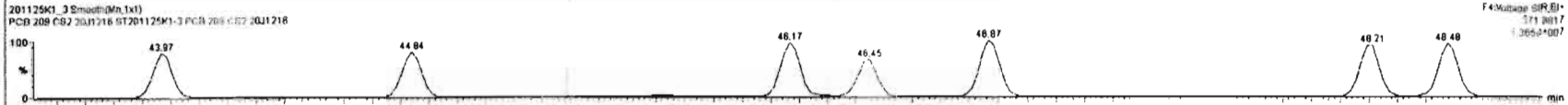
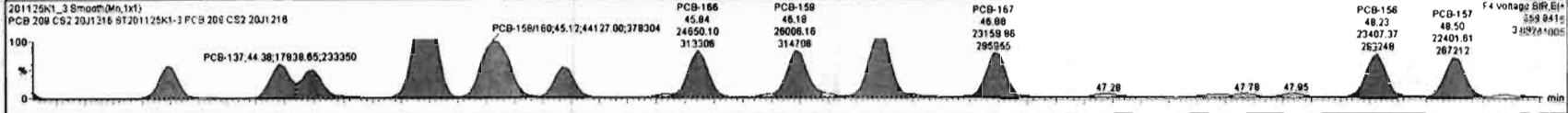


PFK4b



#	Name	Resp	RA	nHy	RRF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fal	Conc	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.000			NO	6.965	0.0116	6.965	
225	225 Total Di-PCBs				1.0367	1.000	0.00	0.000			NO	27.60	0.129	27.60	
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000			NO	18.03	0.0621	18.03	
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00	0.000			NO	37.00	0.168	37.01	
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.000			NO	96.03	0.267	96.03	
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO	92.90	0.252	92.90	
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00	0.000			NO	11.36	0.0424	11.36	
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000			NO	30.72	0.0769	30.72	

#	Name	Pred RT	RT	wt Resp	m2 Resp	1* Ratio (Pred)	RA	nHy	EMPC	Conc
1	111 PCB-134n43	42.11	42.08	3.241e4	2.567e4	1.240	1.26	NO	4.5020	4.5915
2	112 PCB-137n33	42.42	42.41	3.338e4	2.846e4	1.240	1.26	NO	4.4060	4.4063
3	113 PCB-142	42.56	42.57	1.597e4	1.226e4	1.240	1.23	NO	2.2530	2.2526
4	114 PCB-146n65	42.81	42.81	4.077e4	3.439e4	1.240	1.19	NO	4.5100	4.5103
5	115 PCB-132n61	43.08	43.04	4.228e4	3.347e4	1.240	1.26	NO	4.4810	4.4813
6	116 PCB-153	43.25	43.23	2.205e4	1.793e4	1.240	1.23	NO	2.2960	2.2862
7	117 PCB-168	43.46	43.46	2.243e4	1.769e4	1.240	1.27	NO	2.1950	2.1945
8	118 PCB-141	43.99	43.99	1.892e4	1.356e4	1.240	1.25	NO	2.1810	2.1806

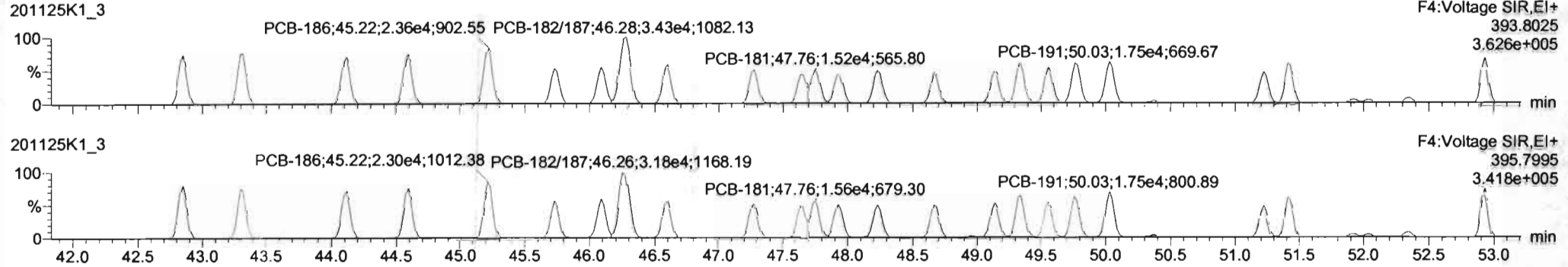


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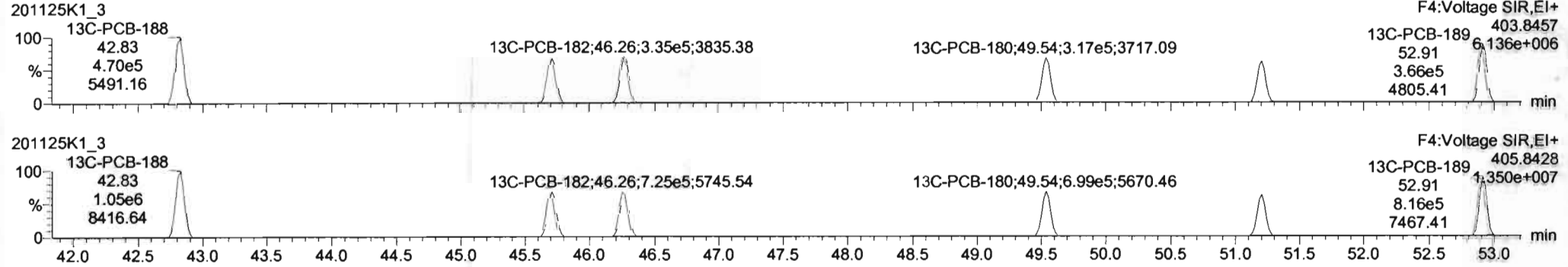
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_3, Date: 25-Nov-2020, Time: 11:48:31, ID: ST201125K1-3 PCB 209 CS2 20J1216, Description: PCB 209 CS2 20J1216

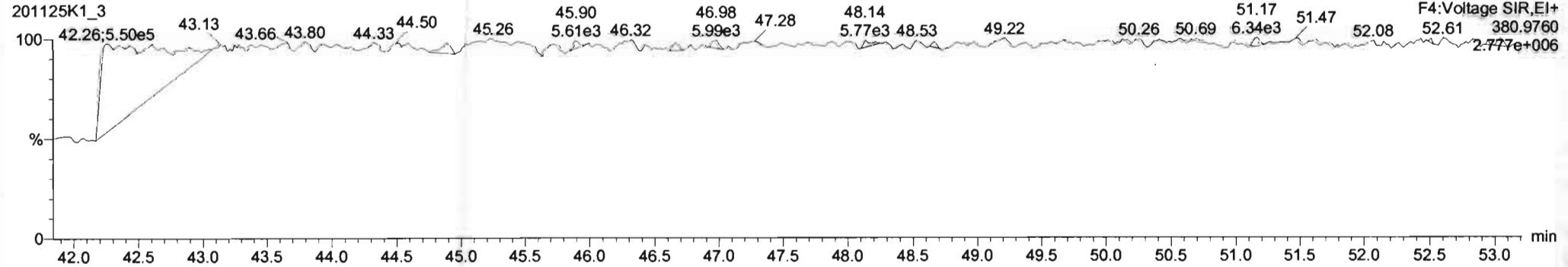
PCB-188



13C-PCB-188



PFK4c

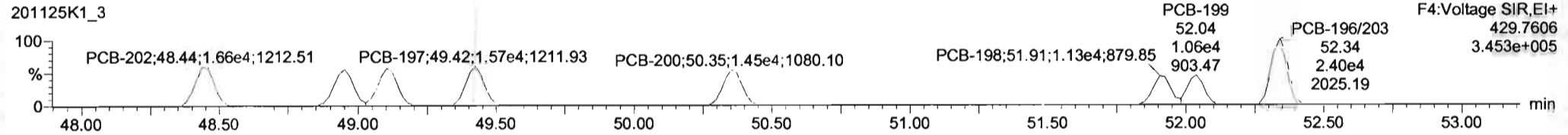
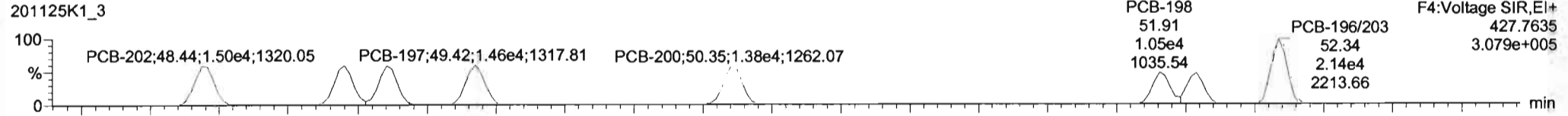


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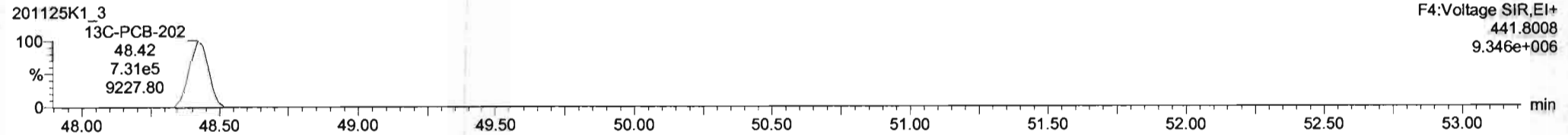
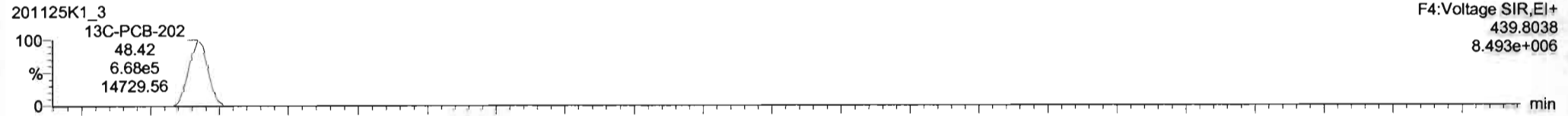
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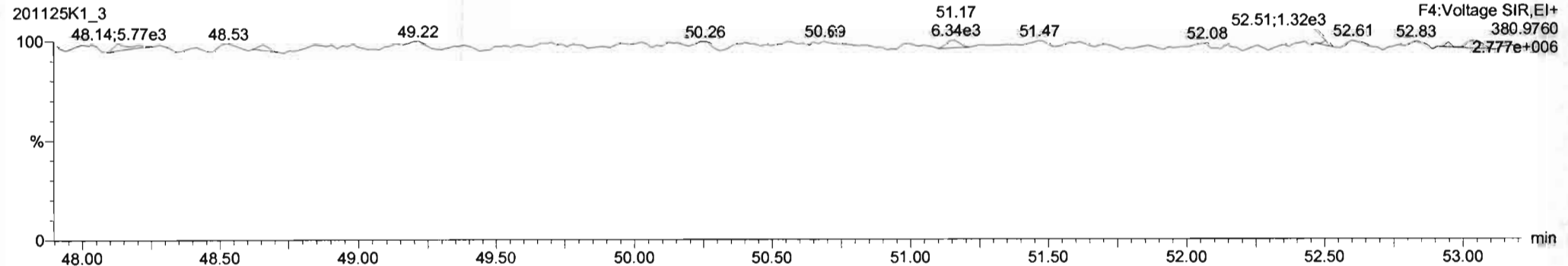
PCB-202



13C-PCB-202



PFK4d

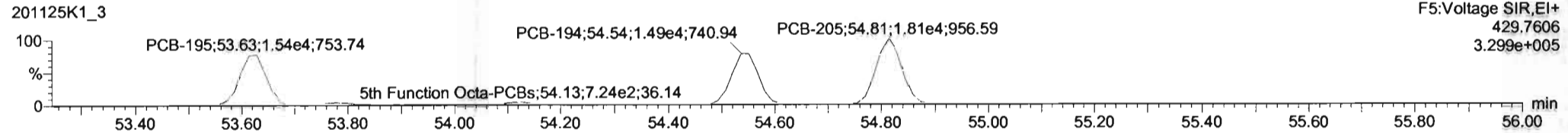
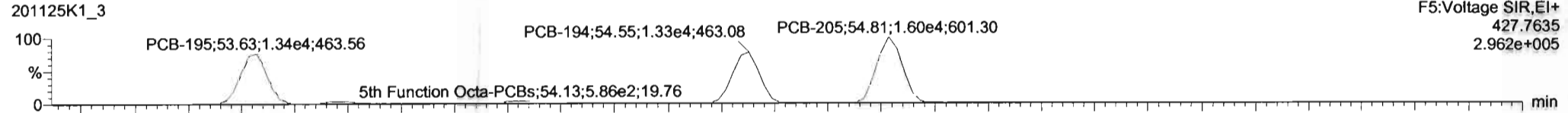


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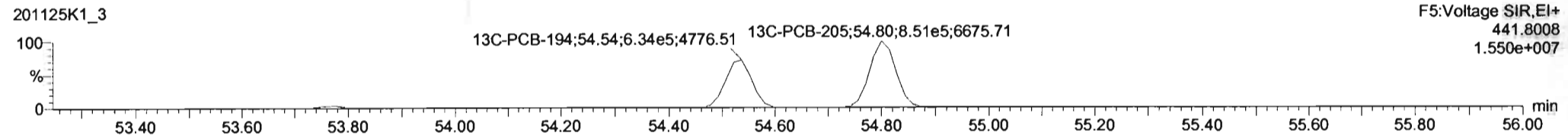
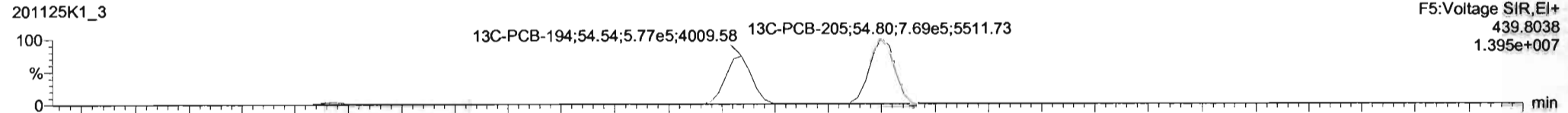
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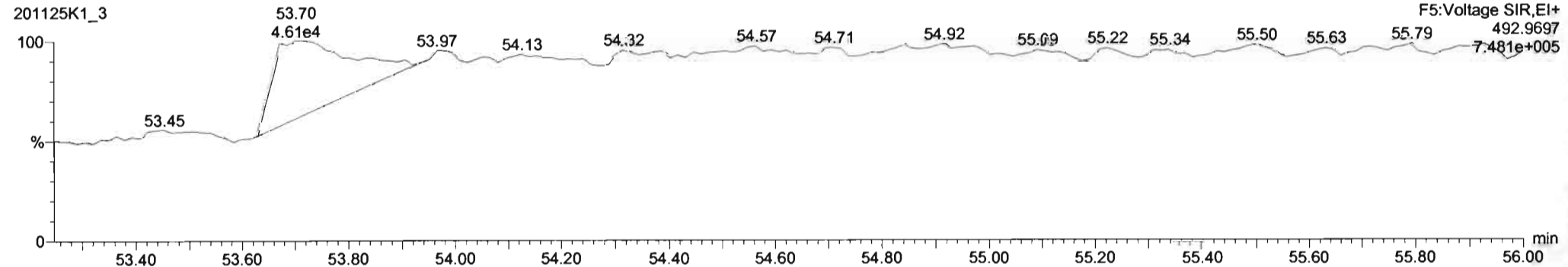
PCB-195



13C-PCB-194



PFK5a

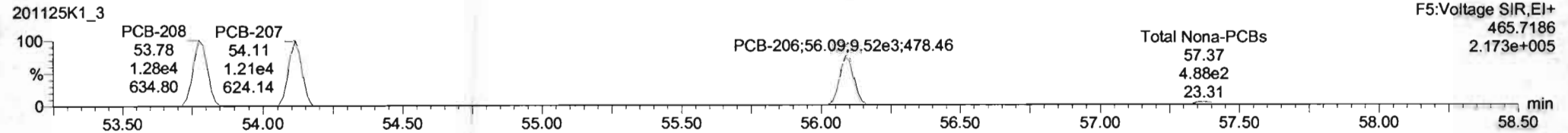
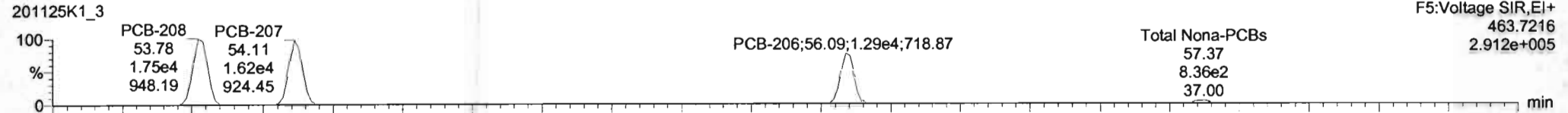


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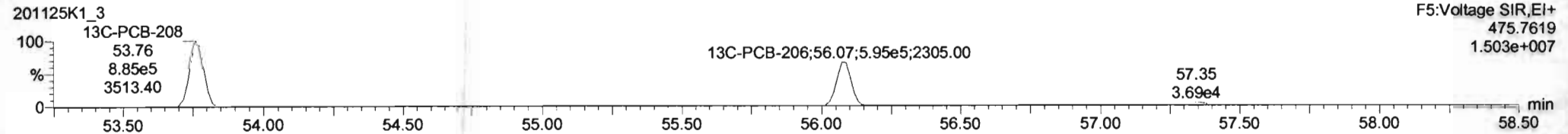
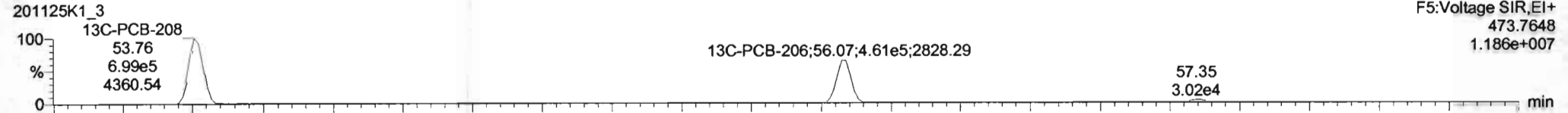
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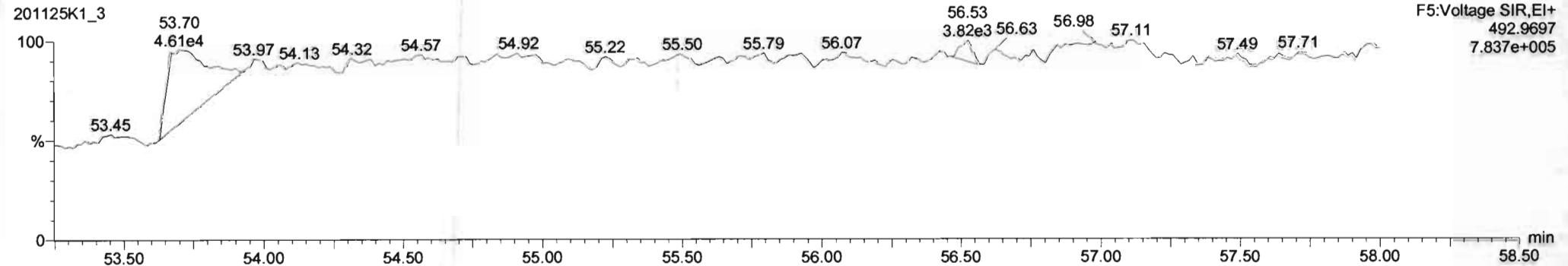
PCB-208



13C-PCB-208



PFK5



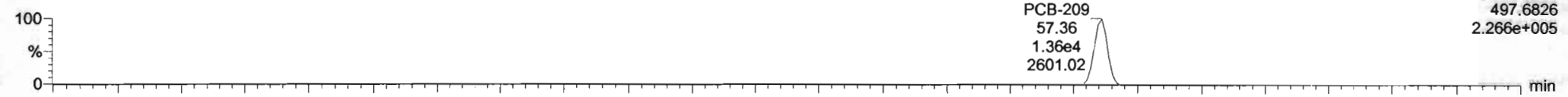
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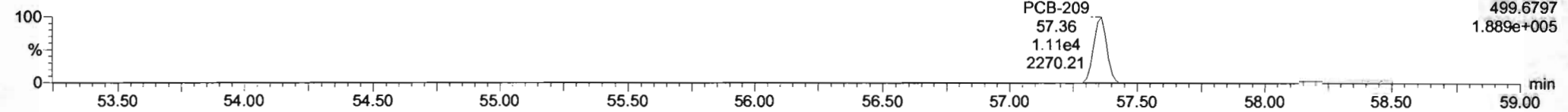
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PCB-209

201125K1_3

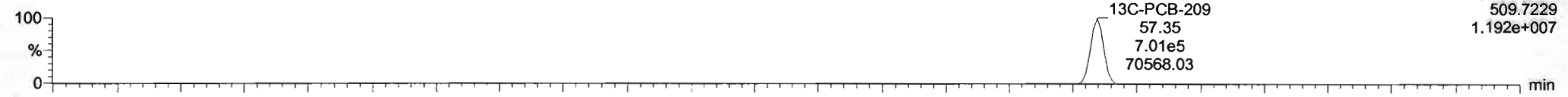


201125K1_3

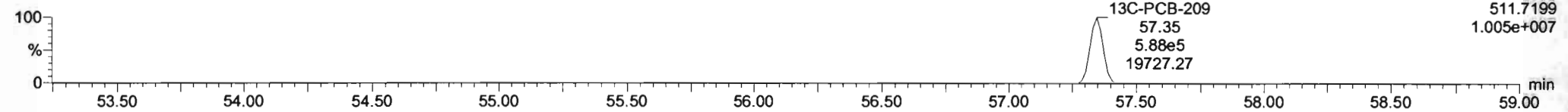


13C-PCB-209

201125K1_3

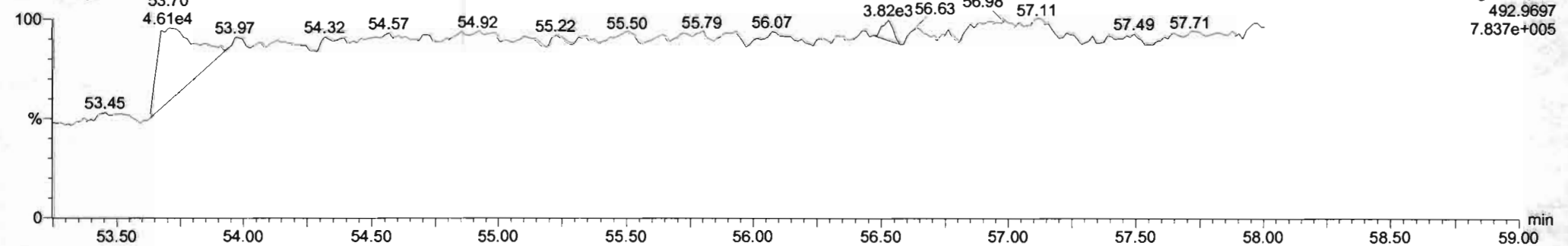


201125K1_3



PFK5b

201125K1_3



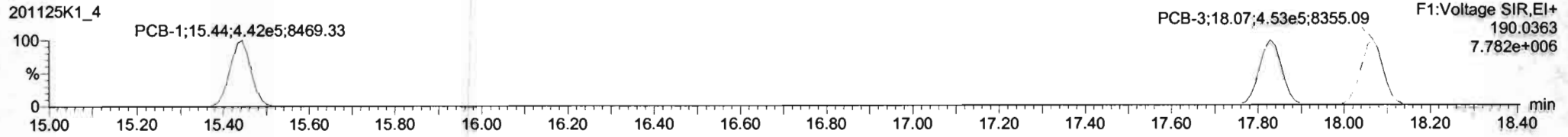
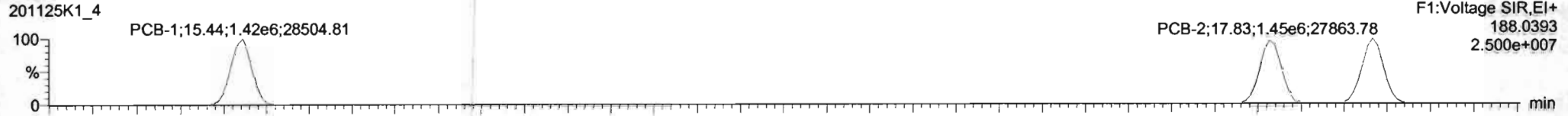
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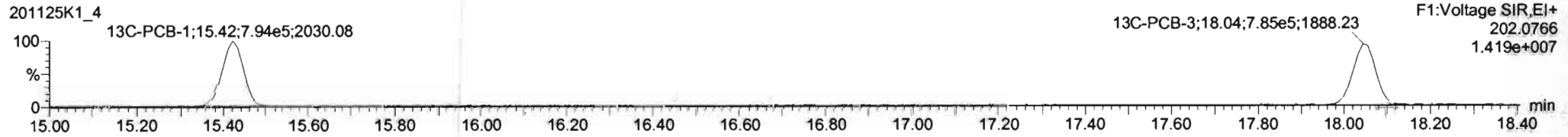
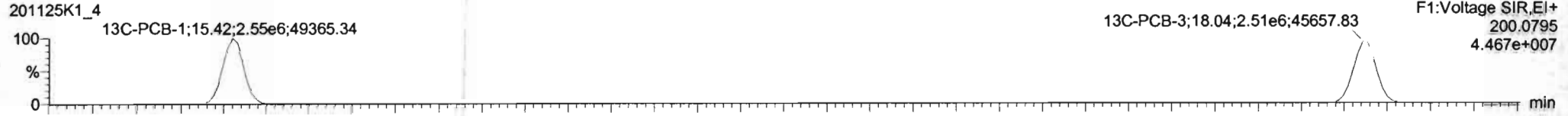
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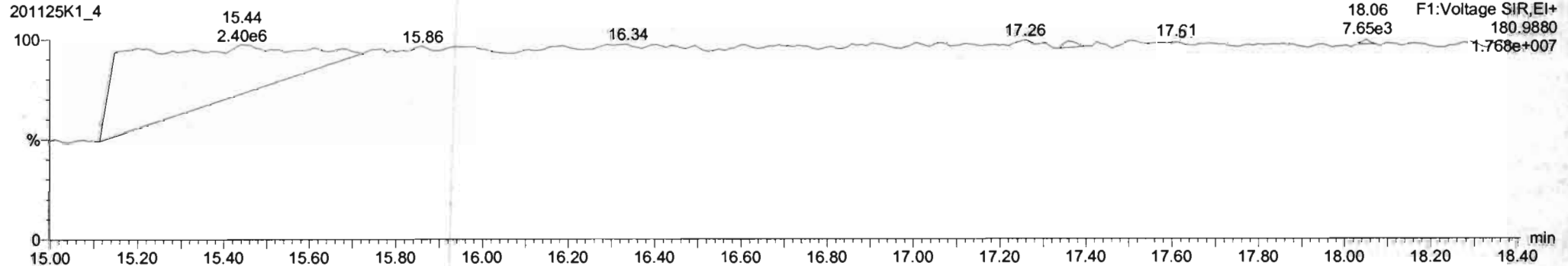
PCB-1



13C-PCB-1



PFK1



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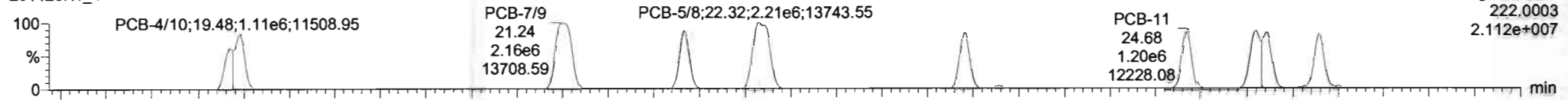
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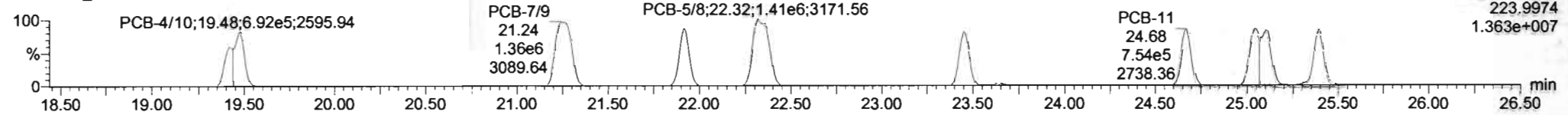
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PCB-4/10

201125K1_4

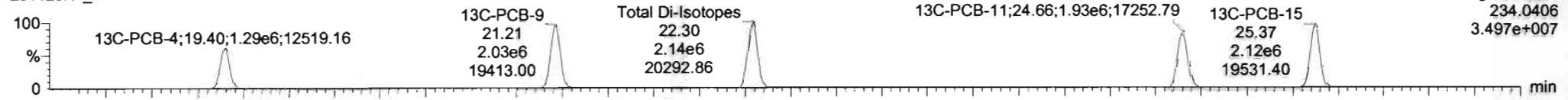


201125K1_4

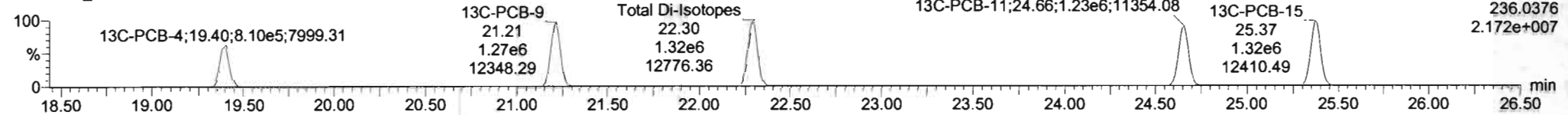


13C-PCB-4

201125K1_4

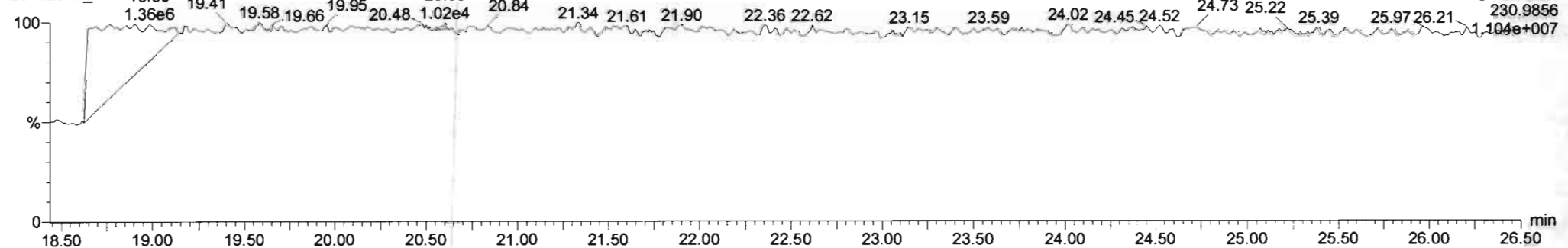


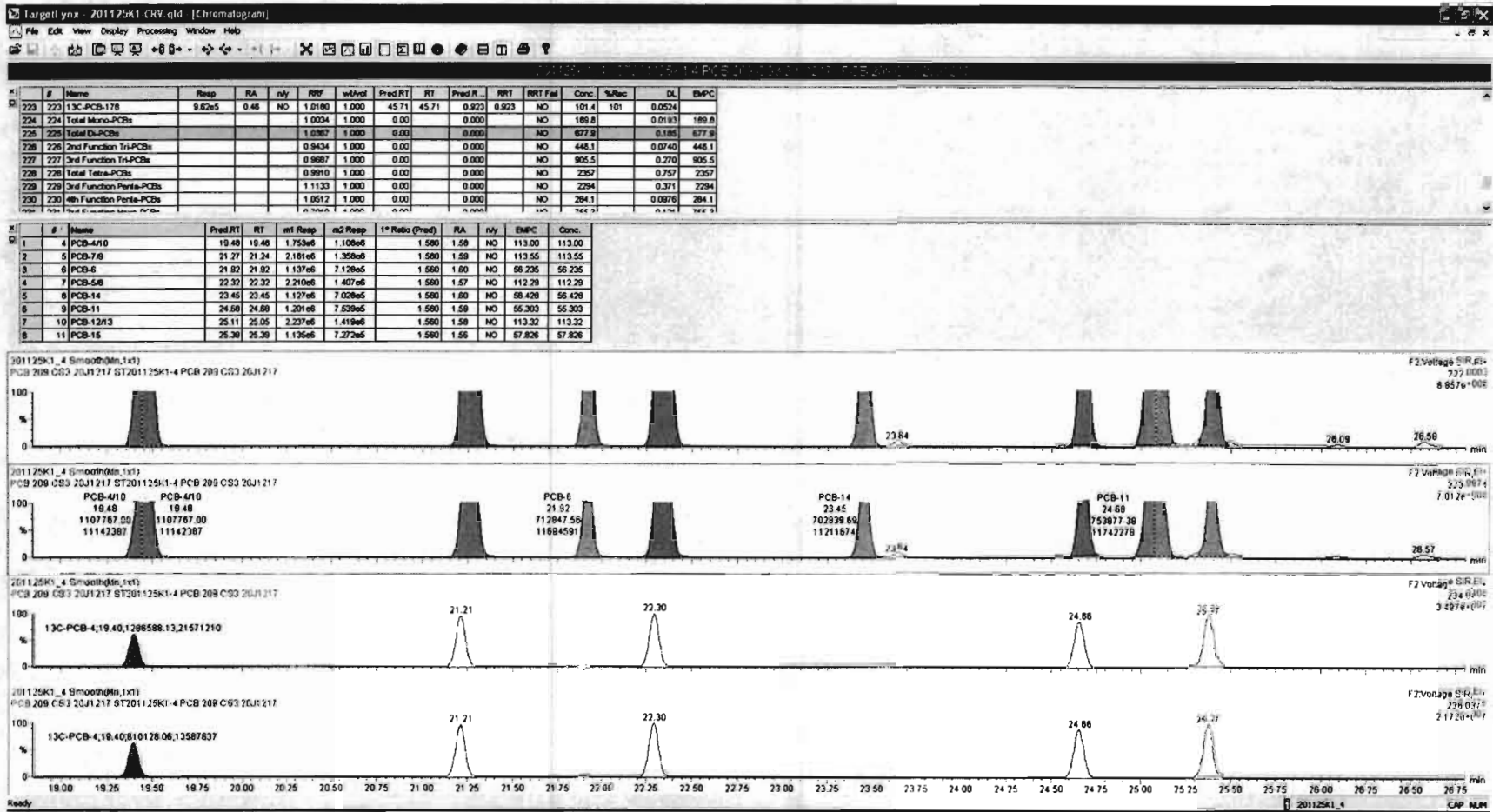
201125K1_4



PFK2a

201125K1_4





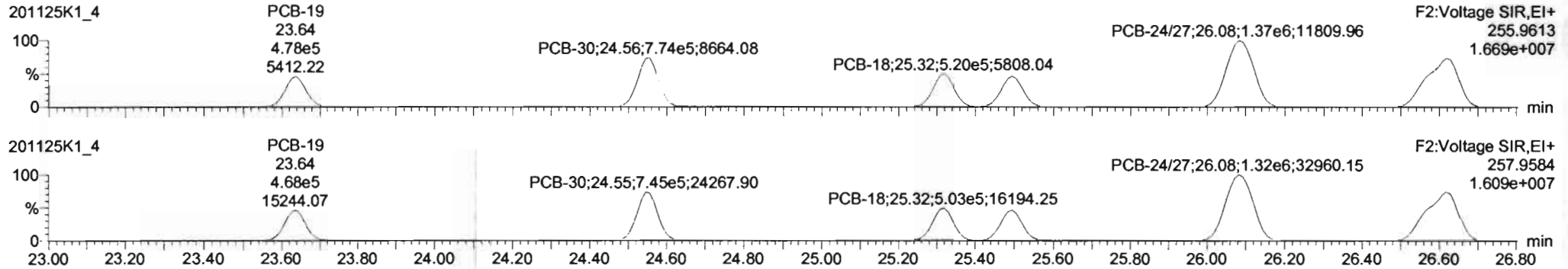
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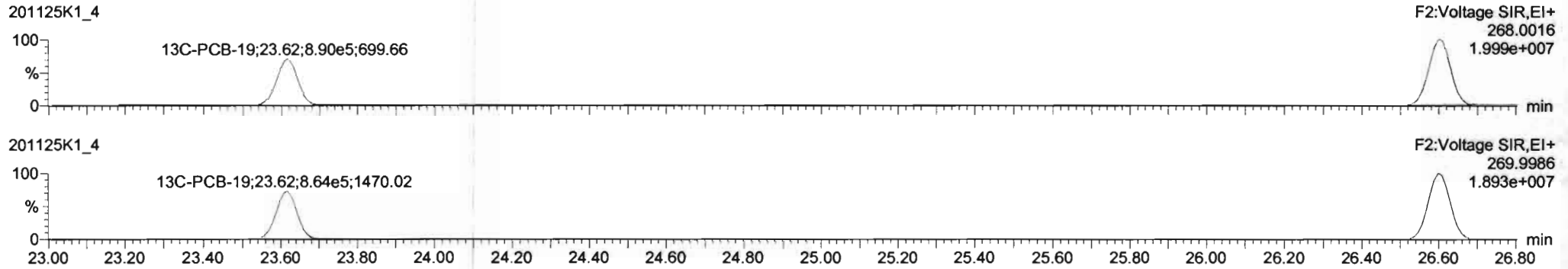
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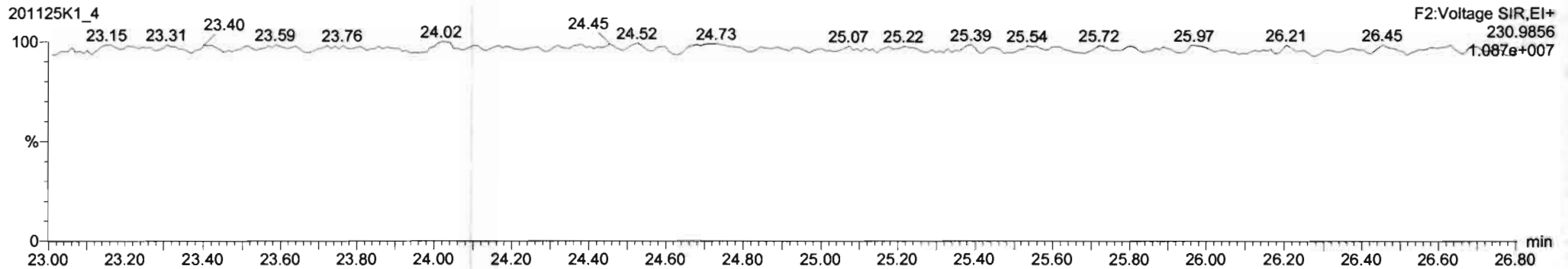
PCB-19



13C-PCB-19



PFK2b

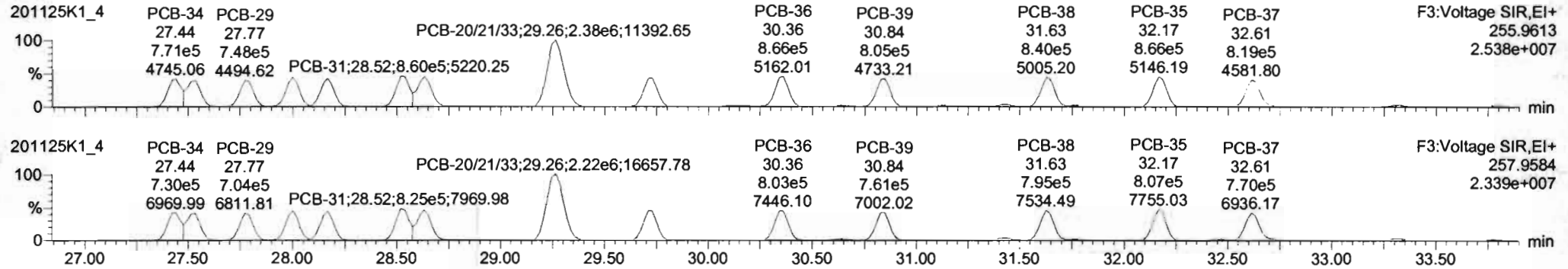


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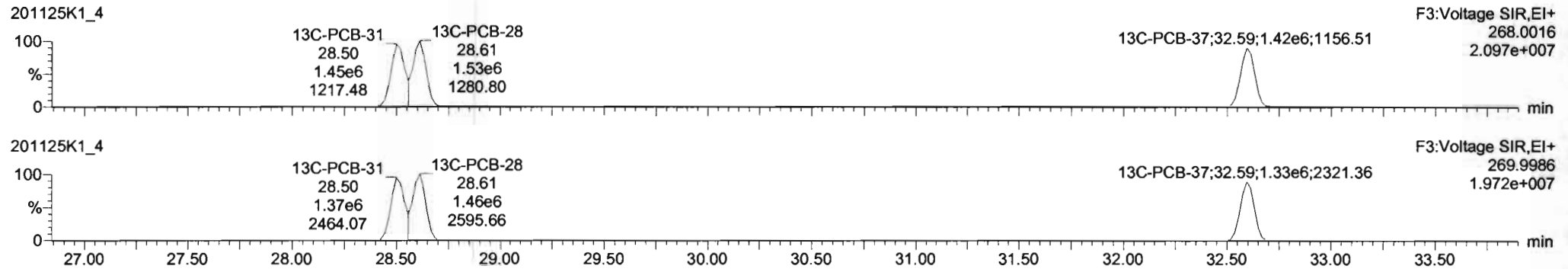
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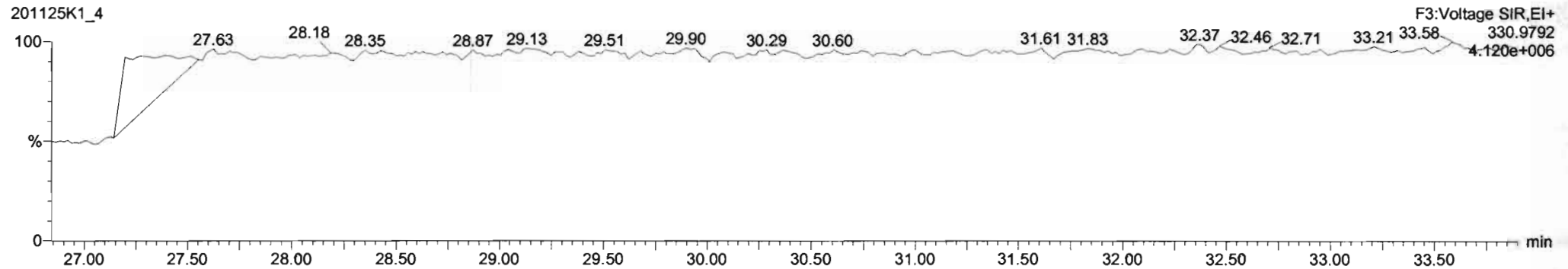
PCB-34



13C-PCB-28

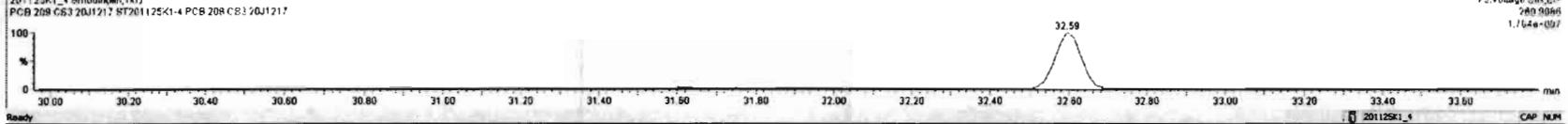
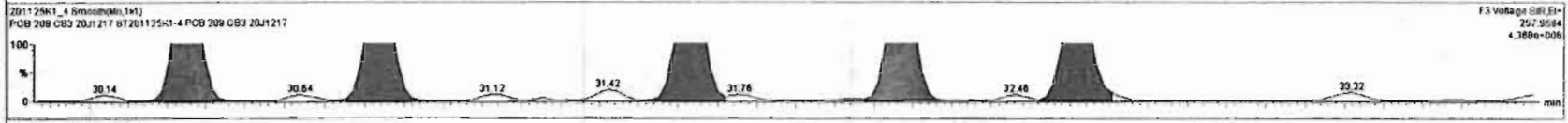


PFK3d



#	Name	Resp	RA	nly	RRF	wtAve	Pred RT	RT	Pred R...	RRT	RRT Val	Conc.	%Rec	DL	EMPC
223	223 13C-PCB-178	9.62e5	0.46	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	101.4	101	0.0524	
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.000	0.000	NO	169.8		0.0193	168.8
225	225 Total Di-PCBs				1.0367	1.000	0.00	0.00	0.000	0.000	NO	877.9		0.185	877.9
226	226 2nd Function 14-PCBs				0.9434	1.000	0.00	0.00	0.000	0.000	NO	445.1		0.0740	446.1
227	227 3rd Function 14-PCBs				0.9897	1.000	0.00	0.00	0.000	0.000	NO	905.5		0.270	905.5
228	228 Total Tetra-PCBs				0.9910	1.000	0.00	0.00	0.000	0.000	NO	2357		0.757	2357
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.00	0.000	0.000	NO	2294		0.371	2294
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00	0.00	0.000	0.000	NO	284.1		0.0976	284.1

#	Name	Pred RT	RT	wt Resp	nt Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
1	18 PCB-24	27.44	27.44	7.710e5	7.297e5	1.040	1.06	NO	57.180	57.180
2	19 PCB-23	27.53	27.53	7.772e5	7.316e5	1.040	1.06	NO	56.573	56.573
3	20 PCB-29	27.77	27.77	7.478e5	7.041e5	1.040	1.06	NO	58.387	58.387
4	21 PCB-26	28.00	28.00	7.978e5	7.516e5	1.040	1.06	NO	59.640	59.640
5	22 PCB-25	28.18	28.17	7.971e5	7.857e5	1.040	1.04	NO	57.083	57.083
6	23 PCB-31	28.53	28.52	8.800e5	8.247e5	1.040	1.04	NO	54.886	54.886
7	24 PCB-28	28.63	28.63	8.895e5	8.339e5	1.040	1.07	NO	56.785	56.785
8	25 PCB-20/21/03	29.27	29.26	2.379e6	2.225e6	1.040	1.07	NO	168.88	168.88

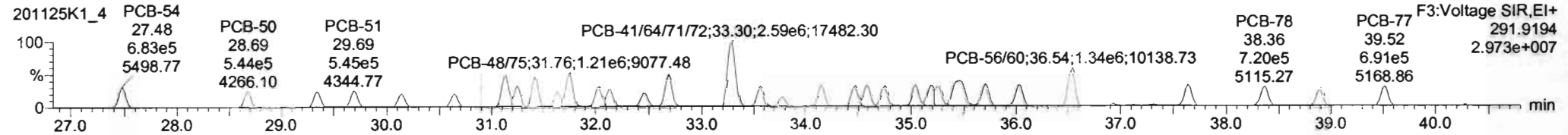
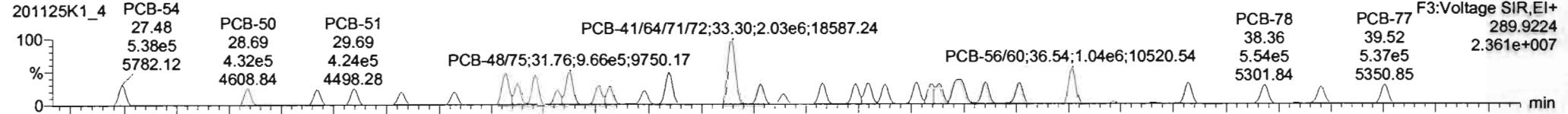


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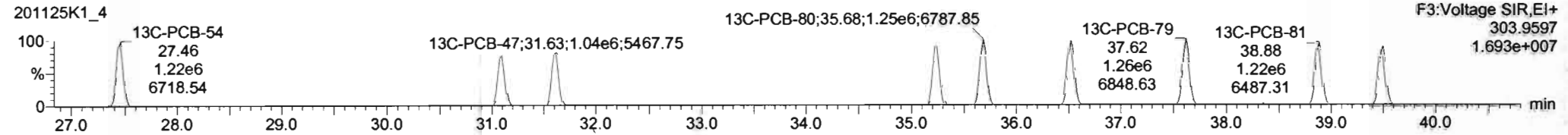
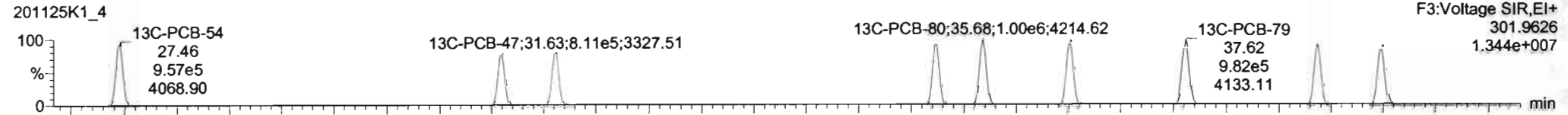
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

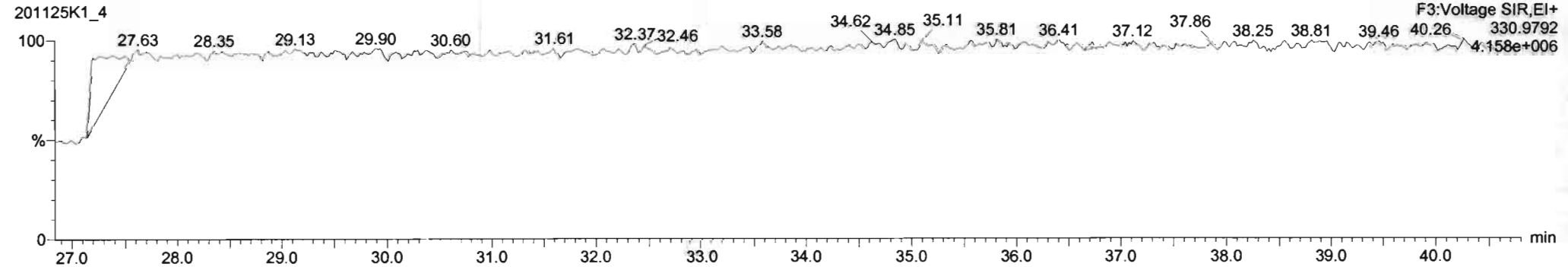
PCB-54



13C-PCB-54



PFK3a



Dataset: Untitled

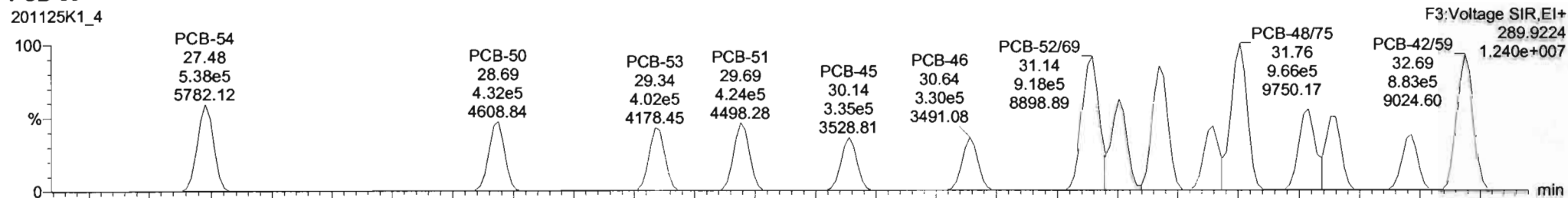
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

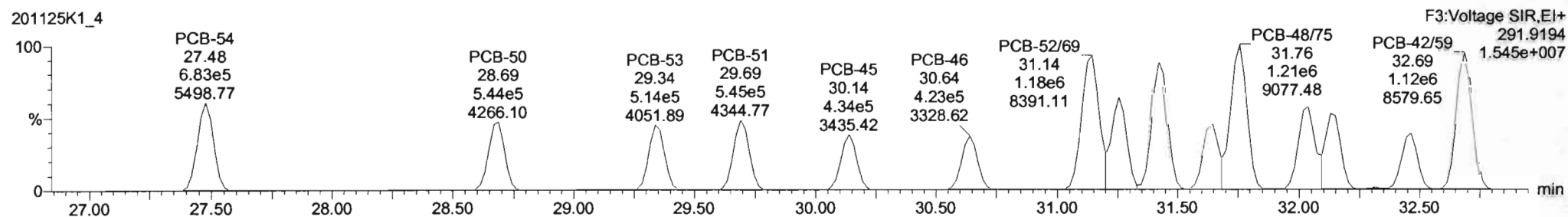
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PCB-50

201125K1_4

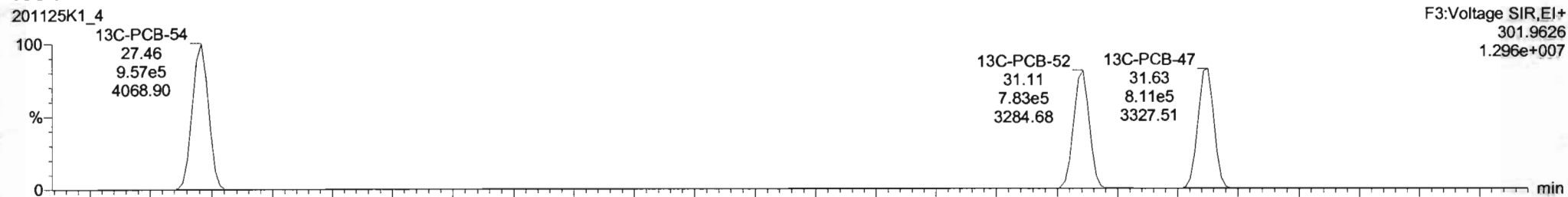


201125K1_4

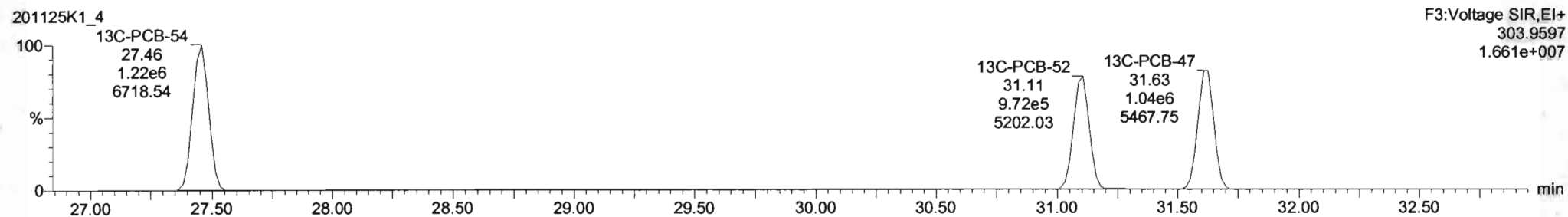


13C-PCB-52

201125K1_4



201125K1_4

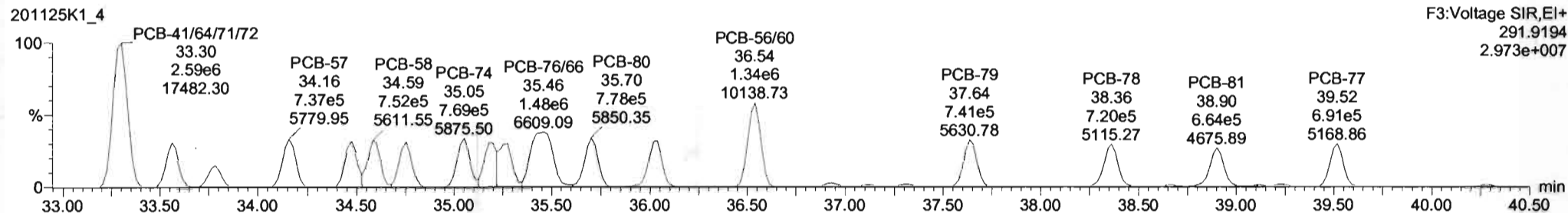
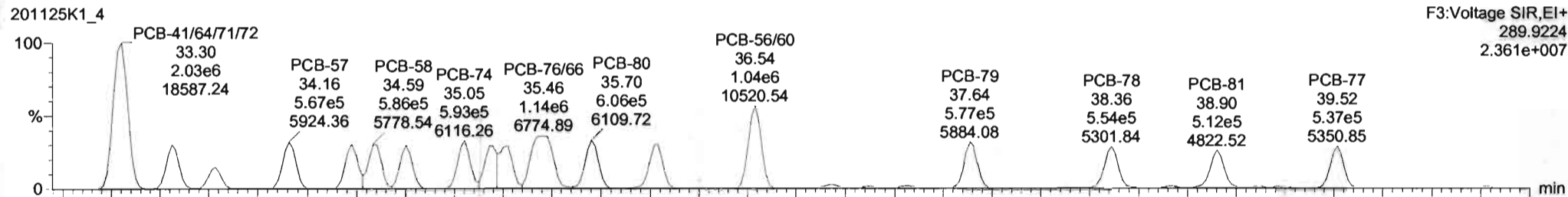


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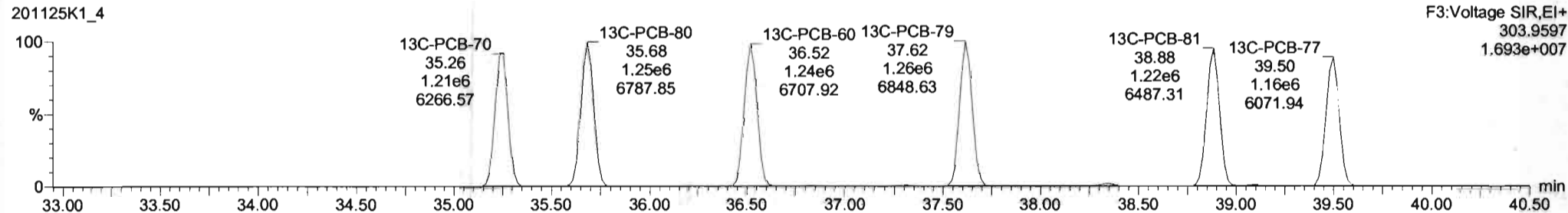
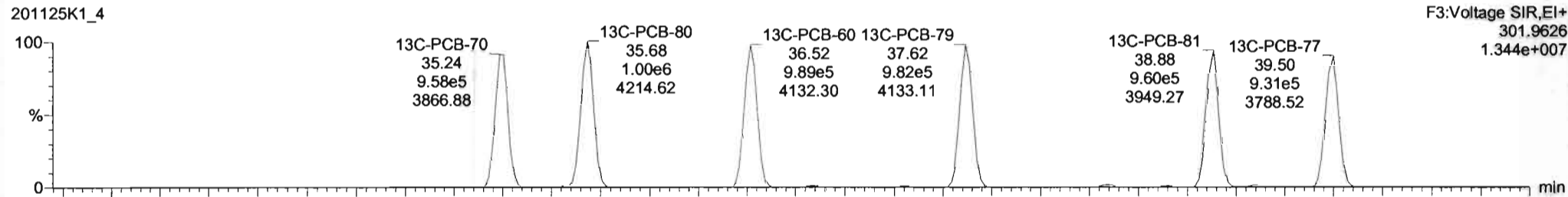
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Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

PCB-68

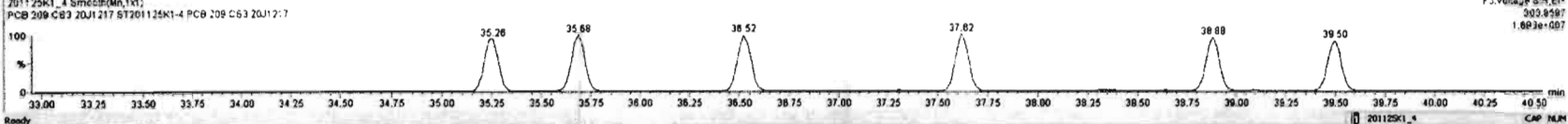
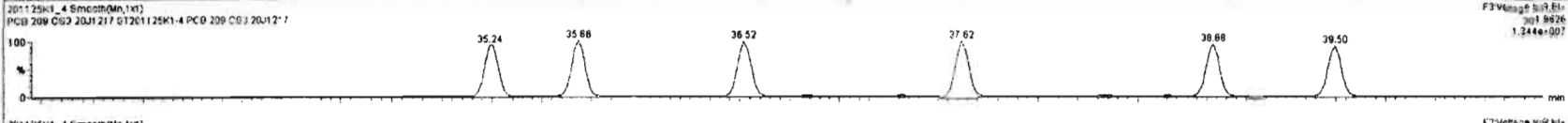
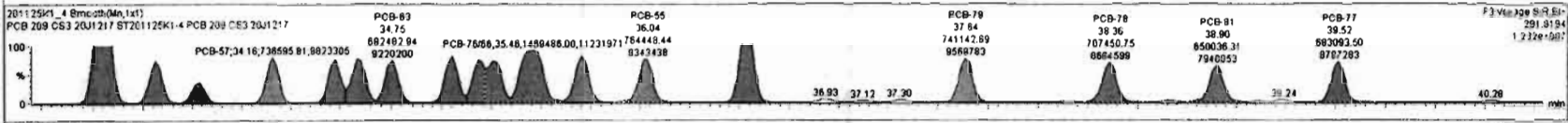
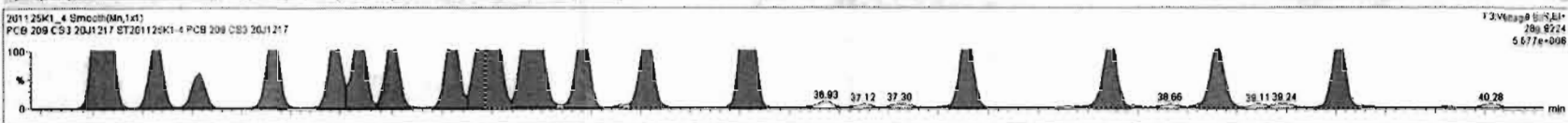


13C-PCB-60



#	Name	Resp	RA	n/y	RRT	Wt/Std	Pred.RT	RT	Pred.RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
223	223 1,3C-PCB-178	9.52e5	0.46	NO	1.0180	1.000	45.71	45.71	0.8223	0.8223	NO	101.4	101	0.0524	
224	224 Total Mono-PCBs				1.0034	1.000	0.00	0.00	0.0000	0.0000	NO	189.9		0.0193	189.8
225	225 Total Di-PCBs				1.0367	1.000	0.00	0.00	0.0000	0.0000	NO	877.9		0.185	877.9
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00	0.00	0.0000	0.0000	NO	448.1		0.0740	448.1
227	227 3rd Function Tri-PCBs				0.9887	1.000	0.00	0.00	0.0000	0.0000	NO	905.5		0.370	905.5
228	228 Total Tetra-PCBs				0.8810	1.000	0.00	0.00	0.0000	0.0000	NO	2367		0.752	2367
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.00	0.0000	0.0000	NO	2294		0.371	2294
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00	0.00	0.0000	0.0000	NO	284.1		0.0876	284.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.48	27.48	5.37e5	8.82e5	0.770	0.78	NO	57.576	57.576
2	33 PCB-50	28.68	28.68	4.32e5	5.43e5	0.770	0.80	NO	55.888	55.888
3	34 PCB-53	28.37	28.34	4.02e5	5.13e5	0.770	0.78	NO	55.828	55.828
4	35 PCB-51	29.70	29.69	4.23e5	5.45e5	0.770	0.78	NO	55.285	55.285
5	36 PCB-45	30.15	30.14	3.35e5	4.34e5	0.770	0.77	NO	54.682	54.682
6	37 PCB-46	30.65	30.64	3.28e5	4.22e5	0.770	0.78	NO	55.888	55.888
7	38 PCB-52/69	31.14	31.14	9.179e5	1.177e6	0.770	0.78	NO	110.37	110.37
8	39 PCB-73	31.25	31.25	5.827e5	7.278e5	0.770	0.80	NO	57.184	57.184



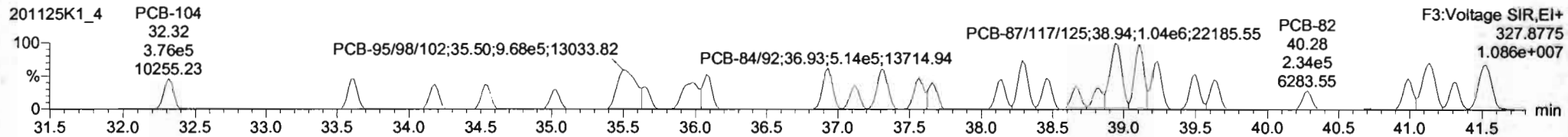
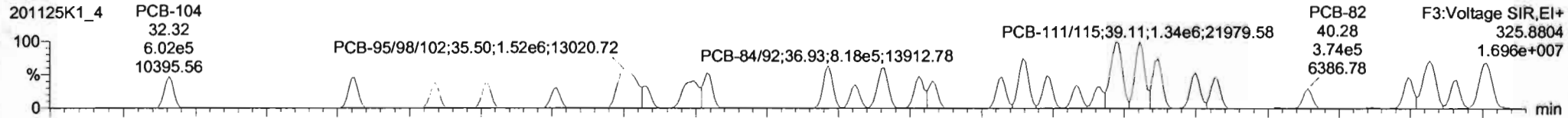
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

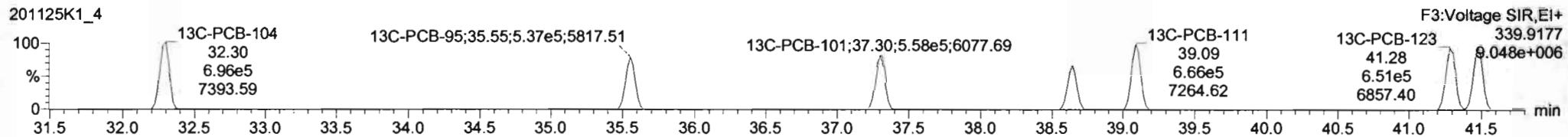
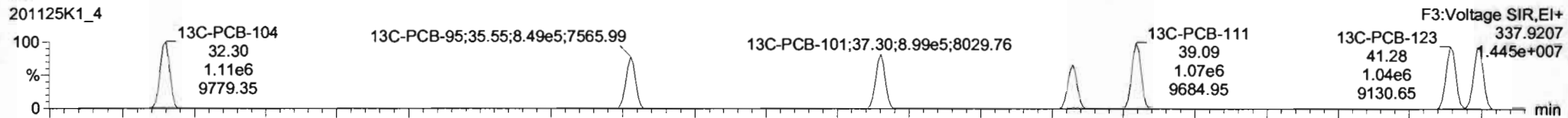
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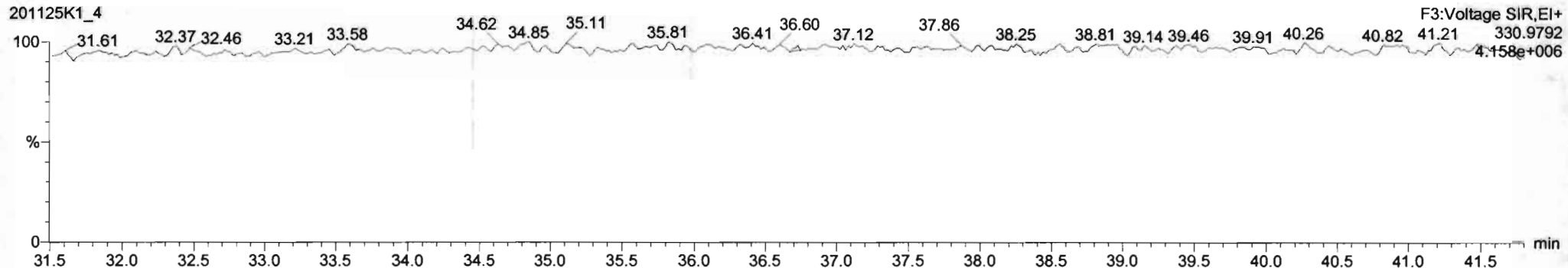
PCB-104



13C-PCB-104



PFK3b



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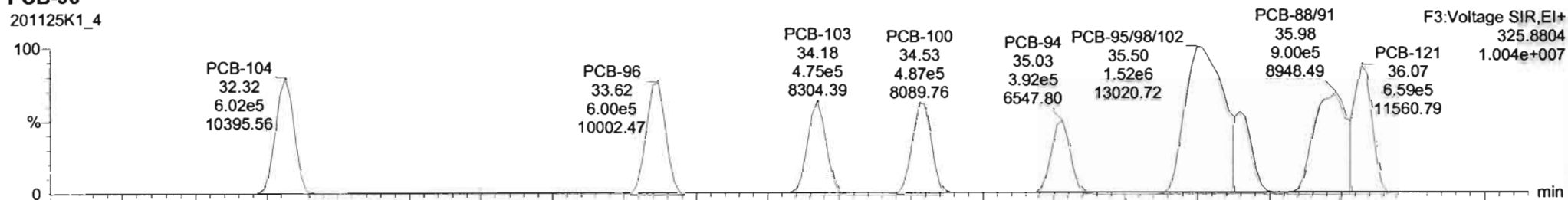
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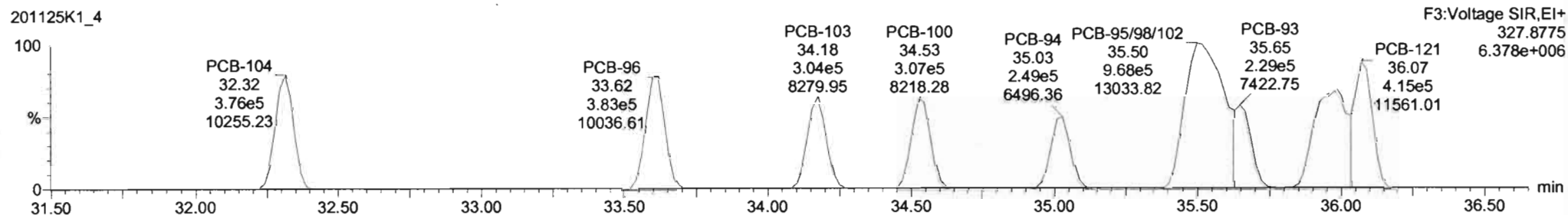
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PCB-96

201125K1_4

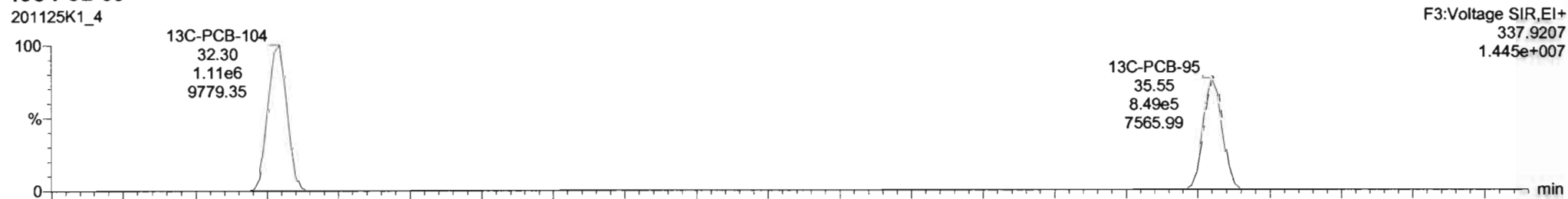


201125K1_4

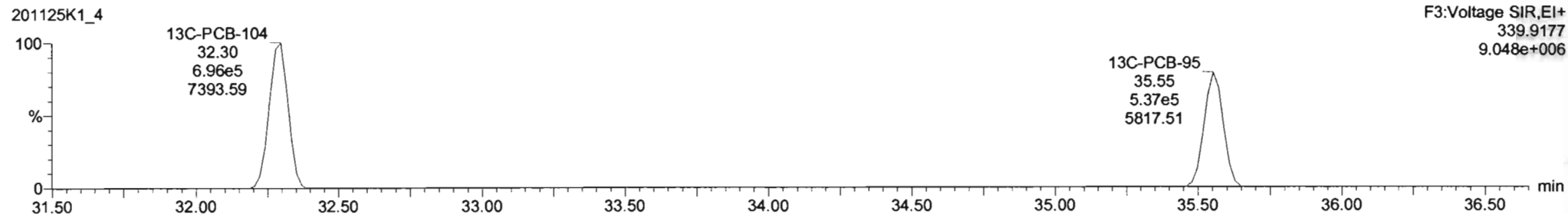


13C-PCB-95

201125K1_4



201125K1_4

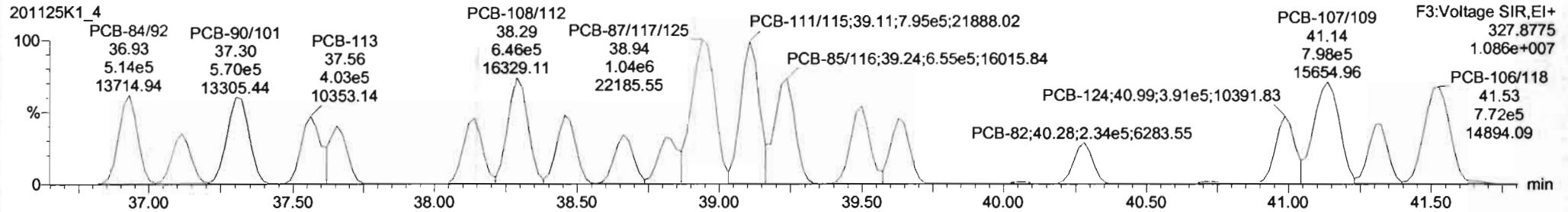
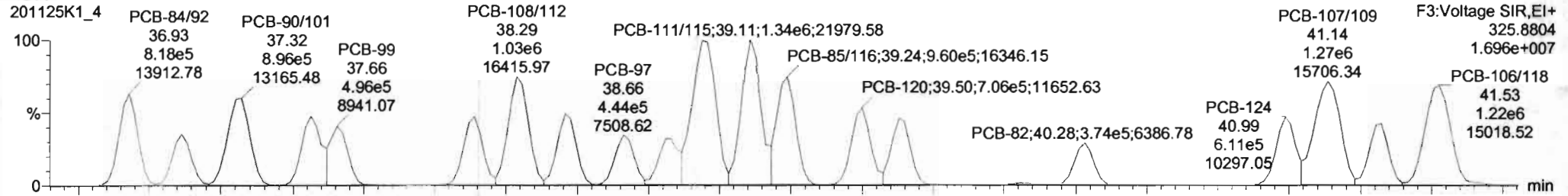


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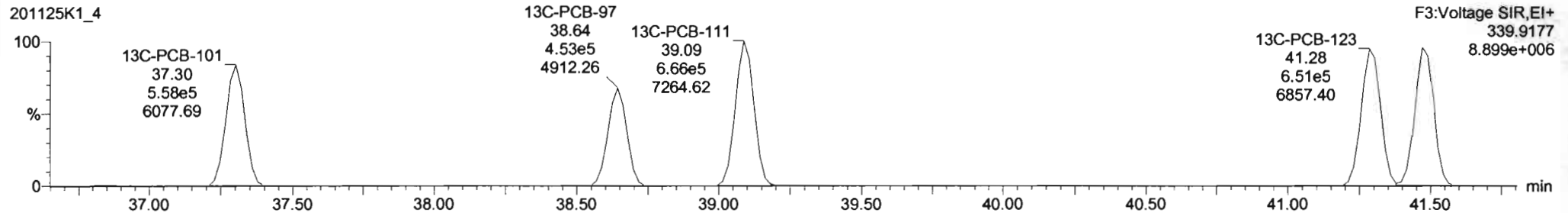
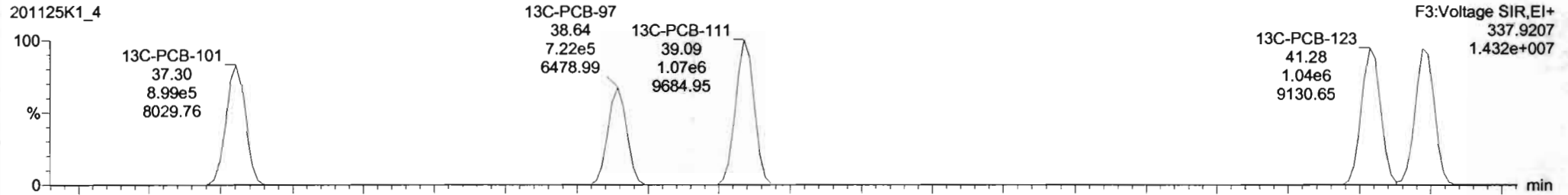
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PCB-119

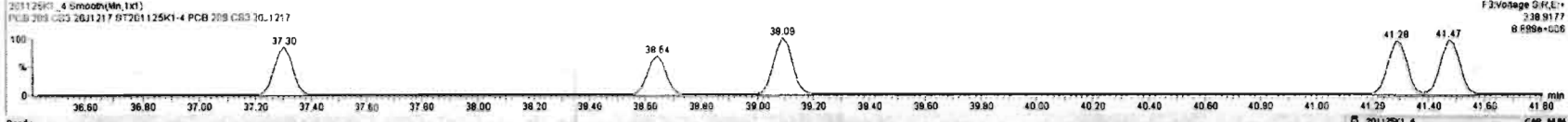
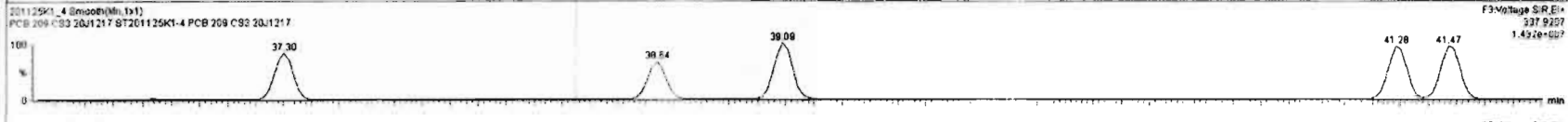
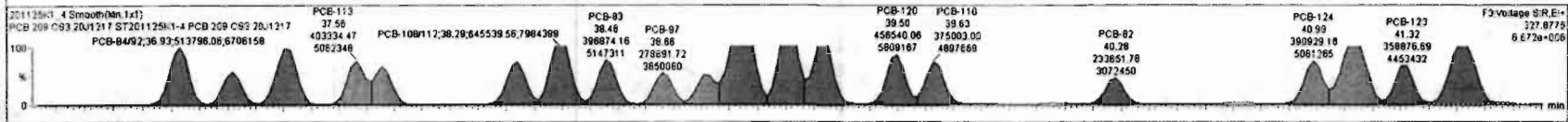
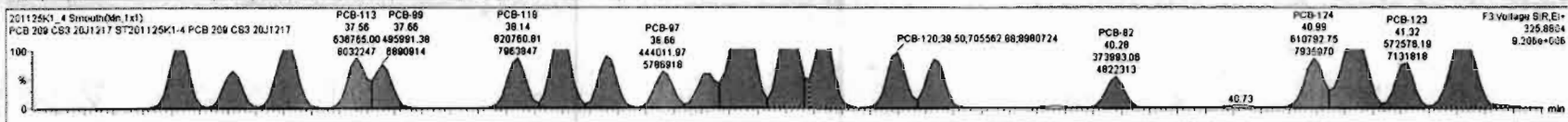


13C-PCB-111



#	Name	Resp	RA	n/y	RF	wt/vol	Pred RT	RT	Pred R.	RR1	RR1 Fail	Conc.	%Rec	DL	EMPC
223	13C-PCB-176	9.62e5	0.48	NO	1.0160	1.000	45.71	45.71	0.923	0.923	NO	101.4	101	0.0524	
224	Total Mono-PCBs				1.0034	1.000	0.00	0.000	0.000	0.000	NO	169.9		0.9193	169.9
225	Total Di-PCBs				1.0367	1.000	0.00	0.000	0.000	0.000	NO	877.9		0.185	877.9
226	2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000	0.000	0.000	NO	448.1		0.0740	448.1
227	3rd Function Tri-PCBs				0.9987	1.000	0.00	0.000	0.000	0.000	NO	905.5		0.270	905.5
228	Total Tetra-PCBs				0.9919	1.000	0.00	0.000	0.000	0.000	NO	2367		0.757	2367
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000	0.000	0.000	NO	2294		0.371	2294
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000	0.000	0.000	NO	204.1		0.0976	204.1

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	n/y	EMPC	Conc.
64	PCB-104	32.32	32.31	6.020e5	3.757e5	1.560	1.80	NO	55.240	55.240
65	PCB-96	33.62	33.62	6.005e5	3.834e5	1.560	1.57	NO	55.547	55.547
66	PCB-103	34.17	34.18	4.749e5	3.035e5	1.560	1.58	NO	56.098	56.098
67	PCB-100	34.54	34.53	4.867e5	3.055e5	1.560	1.58	NO	54.878	54.878
68	PCB-94	35.03	35.03	3.919e5	2.485e5	1.560	1.58	NO	55.625	55.625
69	PCB-95/90/102	35.50	35.50	1.518e6	9.600e5	1.560	1.57	NO	167.53	167.53
70	PCB-93	35.65	35.65	3.588e5	2.287e5	1.560	1.56	NO	55.478	55.478
71	PCB-99/91	35.90	35.90	8.999e5	5.741e5	1.560	1.57	NO	116.83	116.83

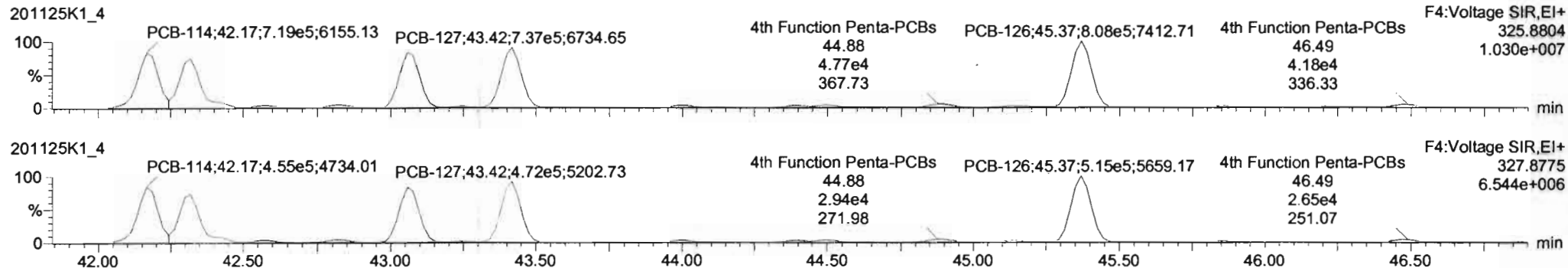


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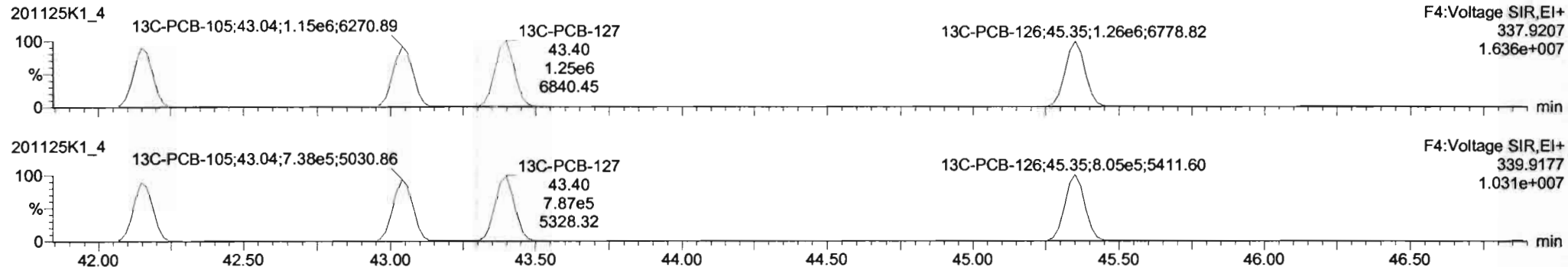
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

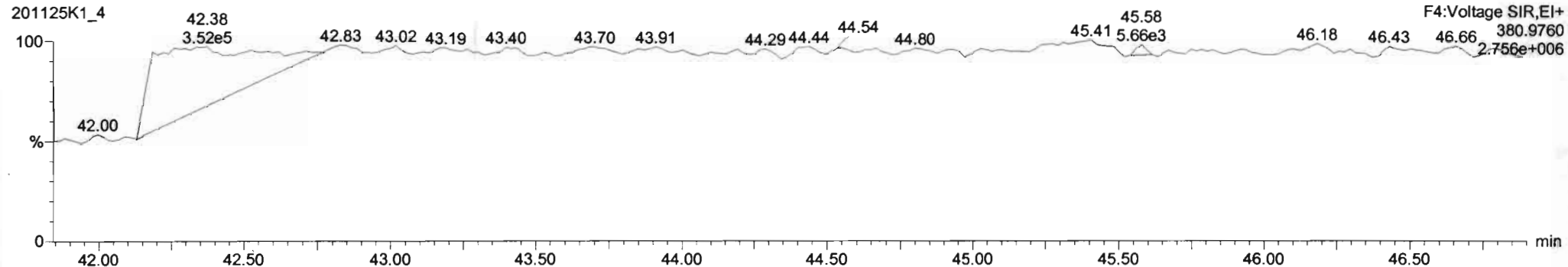
PCB-114



13C-PCB-114

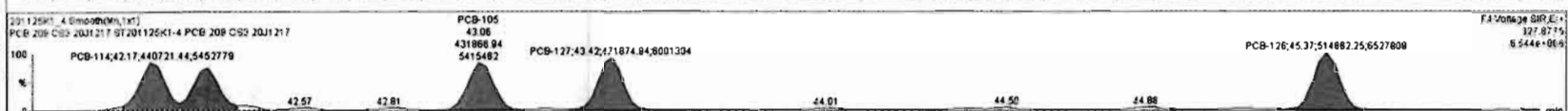
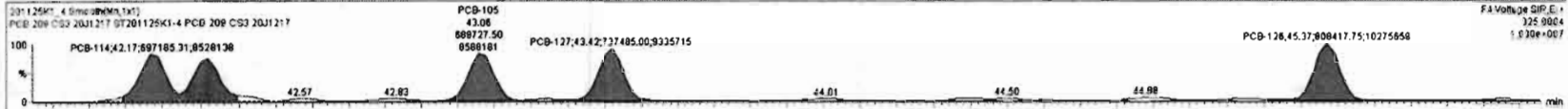


PFK4a



#	Name	Resp	RA	nly	RF	wVol	Pred.RT	RT	Pred.R	RTT	RTT Fail	Conc.	%Rec	DL	EMPC
223	13C-PCB-178	8.82e5	0.46	NO	1.0180	1.000	45.71	45.71	0.923	0.923	NO	101.4	101	0.0024	
224	Total Mono-PCBs				1.0334	1.000	0.00	0.000			NO	159.8		0.0180	169.8
225	Total Di-PCBs				1.0267	1.000	0.00	0.000			NO	877.9		0.185	877.9
226	2nd Function Tri-PCBs				0.8434	1.000	0.00	0.000			NO	448.1		0.0740	448.1
227	3rd Function Tri-PCBs				0.9887	1.000	0.00	0.000			NO	805.5		0.270	905.5
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.000			NO	2267		0.757	2267
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO	2294		0.371	2294
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000			NO	284.1		0.0678	284.1

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc.
1	83 PCB-114	42.17	42.17	8.872e5	4.407e5	1.500	1.58	NO	56.544	56.544
2	94 PCB-122	42.32	42.32	6.167e5	3.841e5	1.560	1.81	NO	57.952	57.952
3	95 PCB-105	43.06	43.06	8.887e5	4.319e5	1.550	1.80	NO	57.574	57.574
4	96 PCB-127	43.42	43.42	7.375e5	4.719e5	1.580	1.58	NO	56.241	56.241
5	97 PCB-126	45.37	45.37	8.084e5	5.149e5	1.580	1.57	NO	55.778	55.778



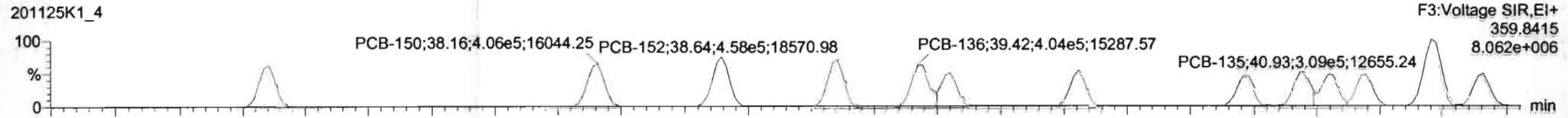
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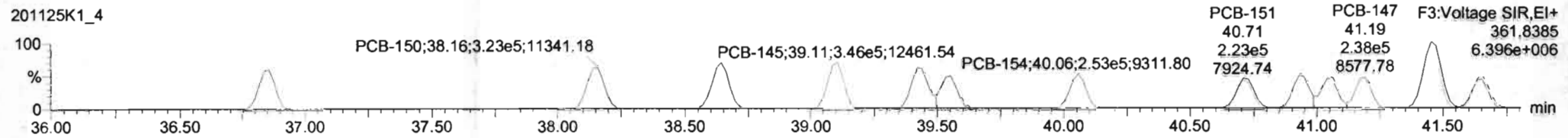
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PCB-155

201125K1_4

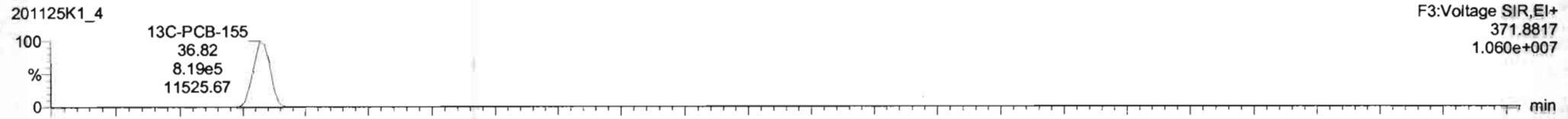


201125K1_4

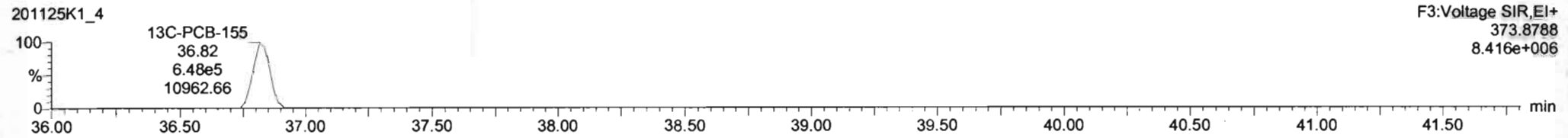


13C-PCB-155

201125K1_4

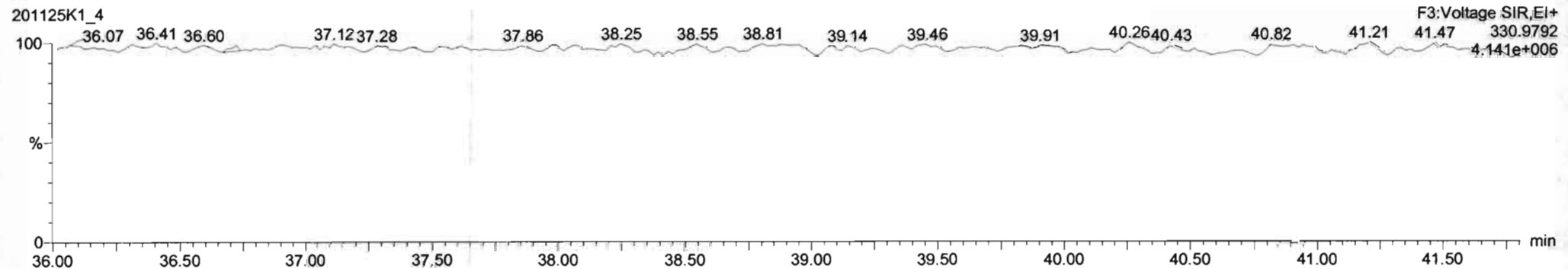


201125K1_4



PFK3c

201125K1_4

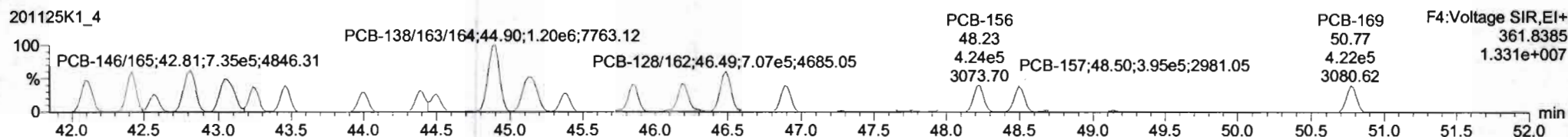
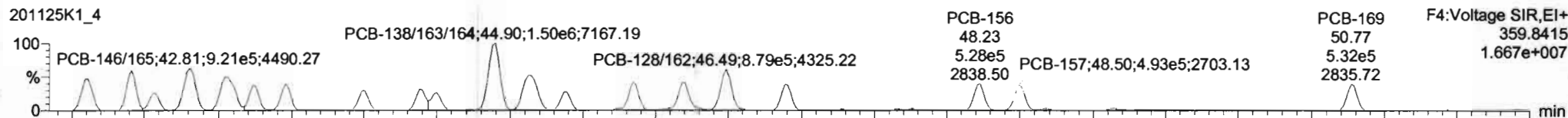


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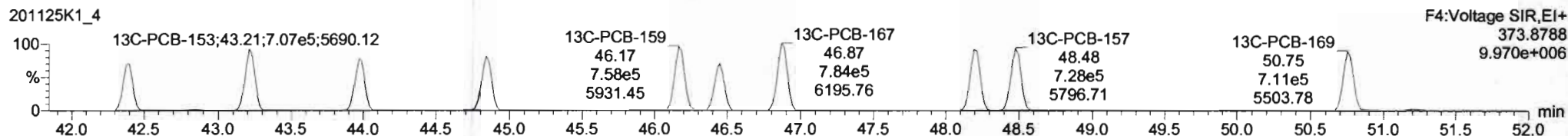
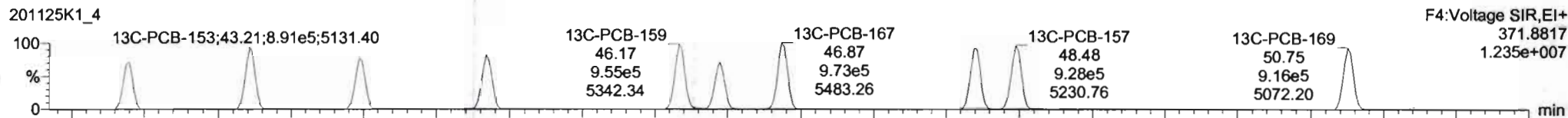
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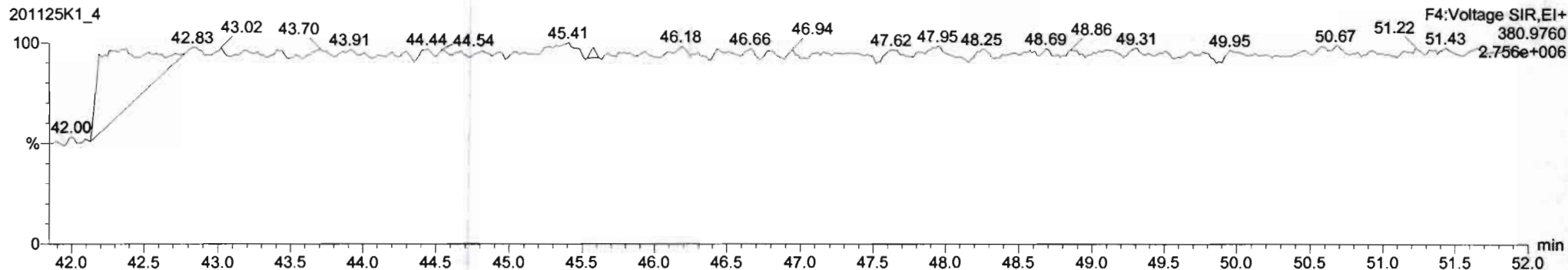
PCB-134/143



13C-PCB-153

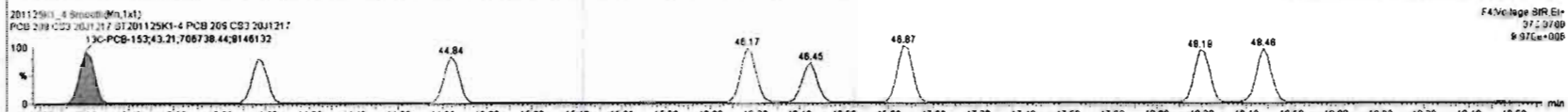
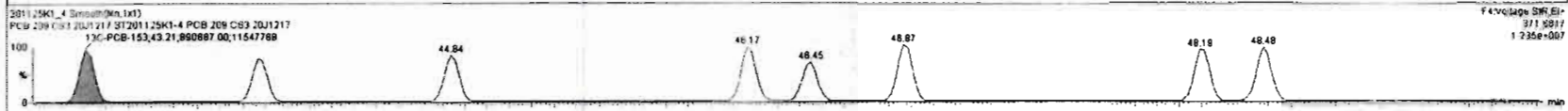
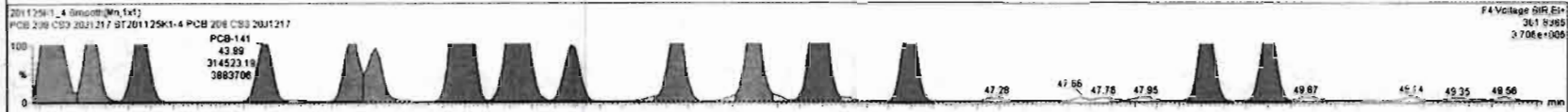
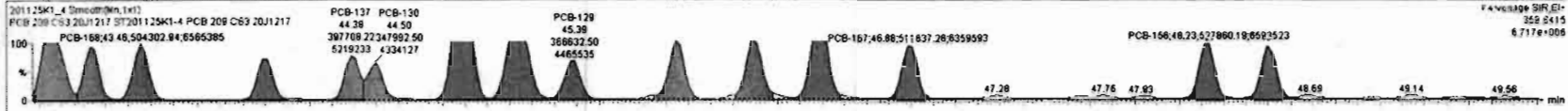


PFK4b



#	Name	Reasp	RA	nV	RF	WtWt	Prac RT	RT	Prac R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
232	4th Function Hexa-PCBs										NO				
233	Total Hexa-PCBs										NO	1508	0.878	1508	
234	4th Function Octa-PCBs										NO	1359	0.882	1359	
235	8th Function Octa-PCBs										NO	501.0	0.122	501.0	
236	Total Octa-PCBs										NO	189.2	0.0728	189.2	
237	Total Non-PCBs										NO	189.3	0.102	189.3	
238	Deca-CB										NO	54.74	0.00337	54.74	
239	Total PCBs														
240	Total Mono-isotopes														

#	Name	Prac RT	RT	wt Resp	m2 Resp	1* Ratio (Prac)	RA	nV	EMPC	Conc
1	PCB-134/43	42.11	42.11	7.173e5	5.739e5	1.240	1.25	NO	112.60	112.80
2	PCB-131/33	42.42	42.41	7.525e5	6.046e5	1.240	1.25	NO	110.67	110.67
3	PCB-142	42.58	42.57	3.440e5	2.755e5	1.240	1.25	NO	58.447	58.447
4	PCB-146/65	42.81	42.81	9.213e5	7.302e5	1.240	1.25	NO	109.82	109.82
5	PCB-132/61	43.00	43.04	9.425e5	7.475e5	1.240	1.28	NO	110.53	110.53
6	PCB-153	43.25	43.23	4.886e5	3.909e5	1.240	1.25	NO	55.602	55.602
7	PCB-168	43.46	43.46	5.043e5	4.031e5	1.240	1.25	NO	54.895	54.895
8	PCB-141	43.99	44.01	3.940e5	3.145e5	1.240	1.25	NO	54.892	54.892



Dataset: Untitled

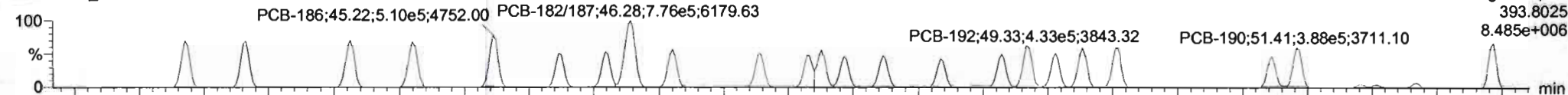
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

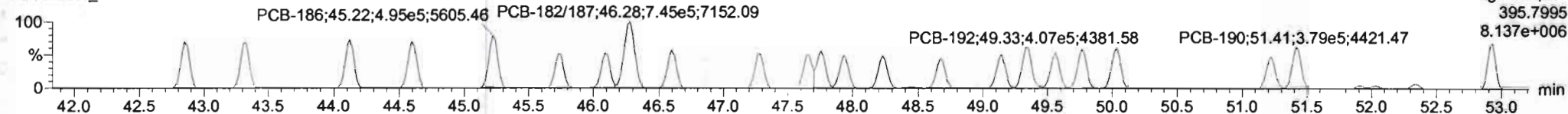
Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

PCB-188

201125K1_4

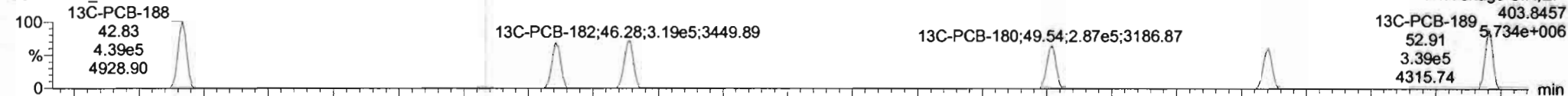


201125K1_4

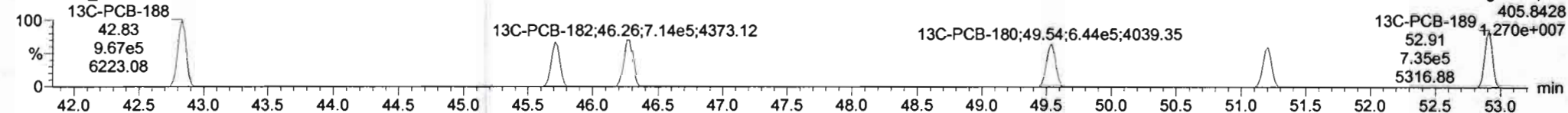


13C-PCB-188

201125K1_4

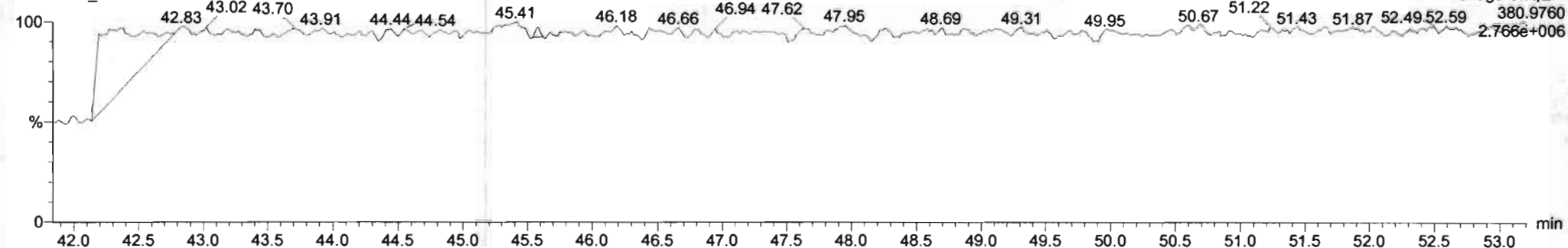


201125K1_4



PFK4c

201125K1_4



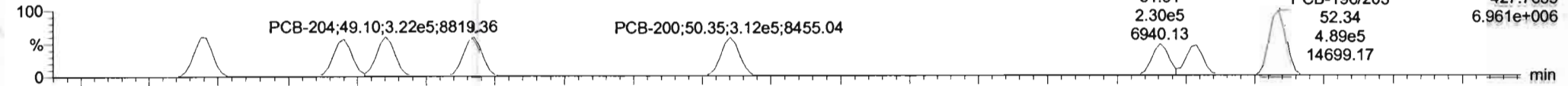
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

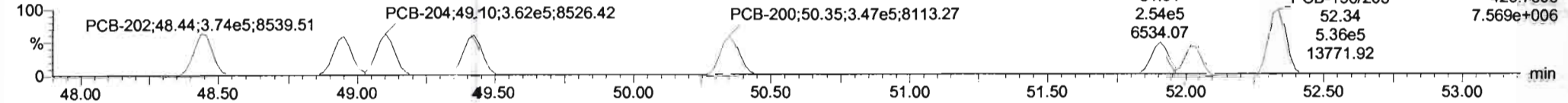
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PCB-202

201125K1_4

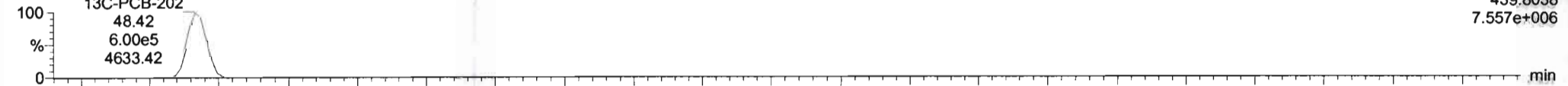


201125K1_4

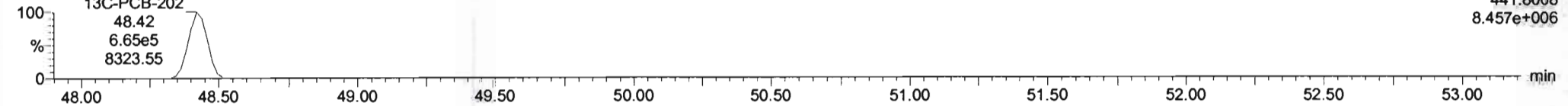


13C-PCB-202

201125K1_4

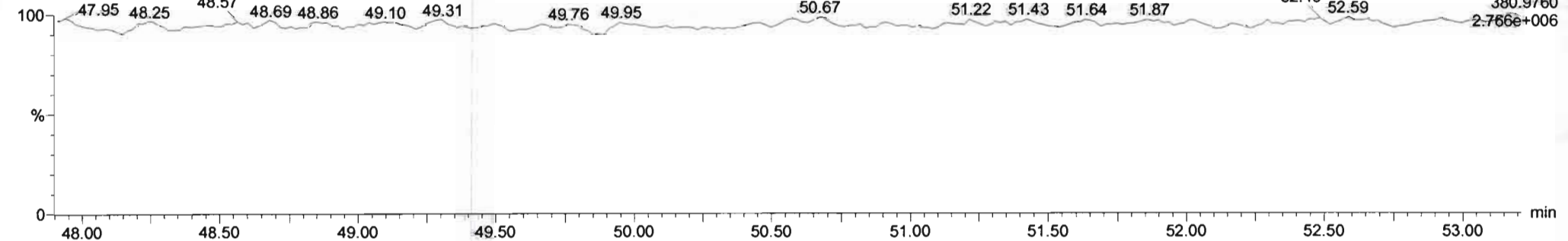


201125K1_4



PFK4d

201125K1_4



Dataset: Untitled

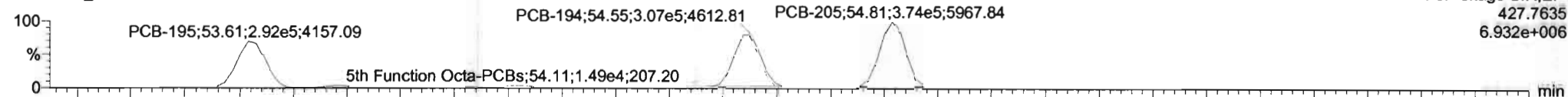
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

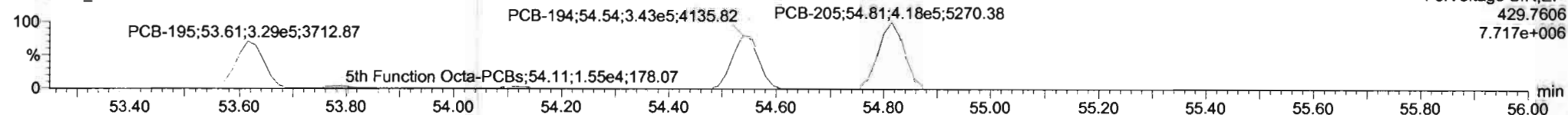
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PCB-195

201125K1_4

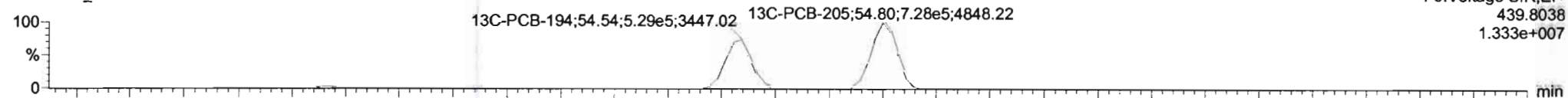


201125K1_4

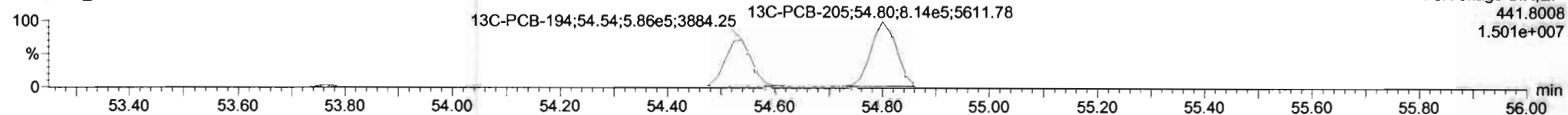


13C-PCB-194

201125K1_4

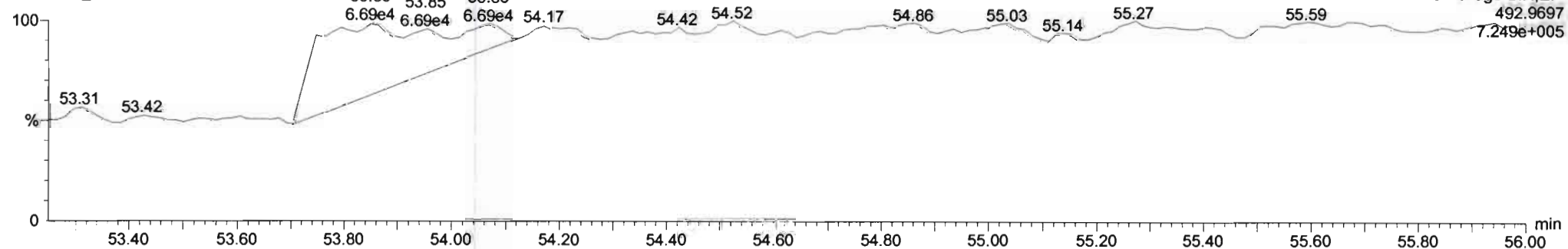


201125K1_4



PFK5a

201125K1_4

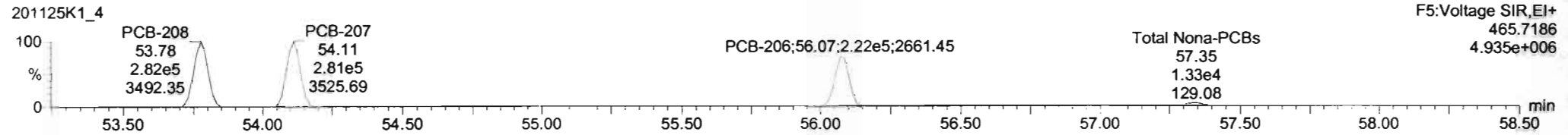
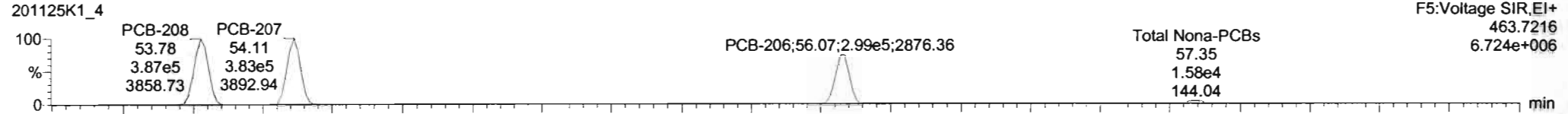


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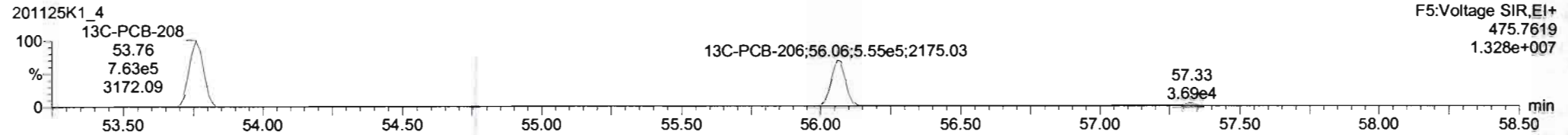
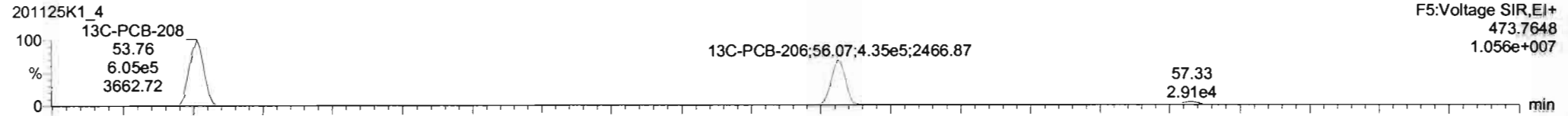
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

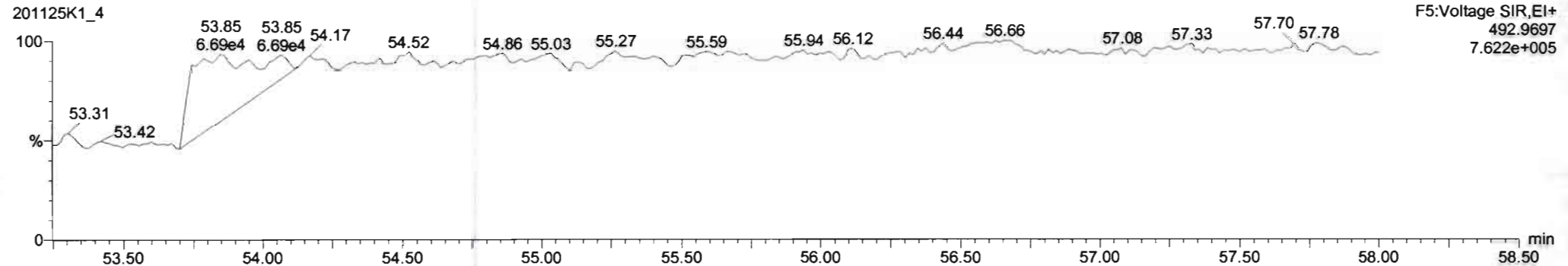
PCB-208



13C-PCB-208



PFK5



Dataset: Untitled

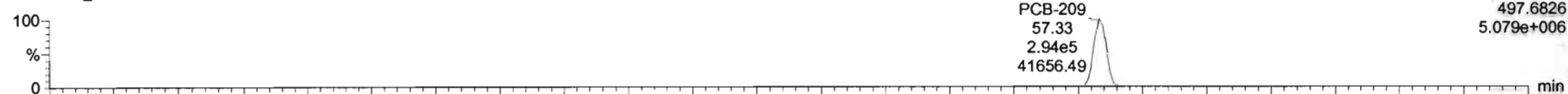
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_4, Date: 25-Nov-2020, Time: 12:48:48, ID: ST201125K1-4 PCB 209 CS3 20J1217, Description: PCB 209 CS3 20J1217

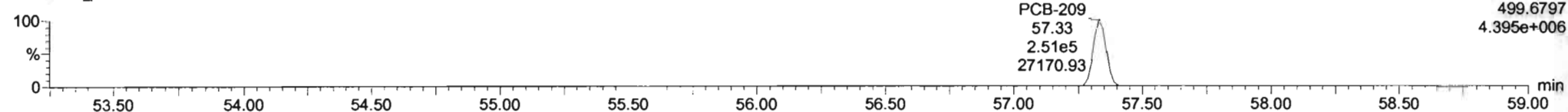
PCB-209

201125K1_4



F5:Voltage SIR,EI+
497.6826
5.079e+006

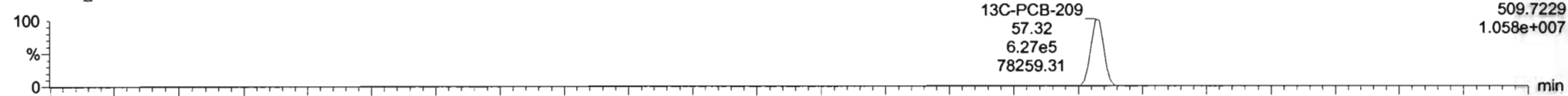
201125K1_4



F5:Voltage SIR,EI+
499.6797
4.395e+006

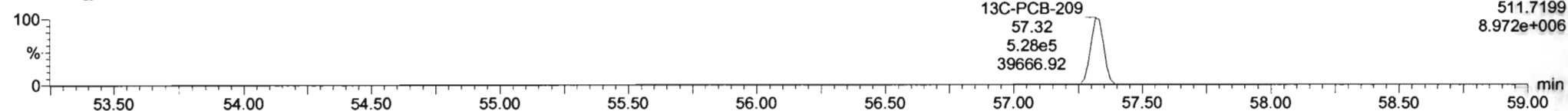
13C-PCB-209

201125K1_4



F5:Voltage SIR,EI+
509.7229
1.058e+007

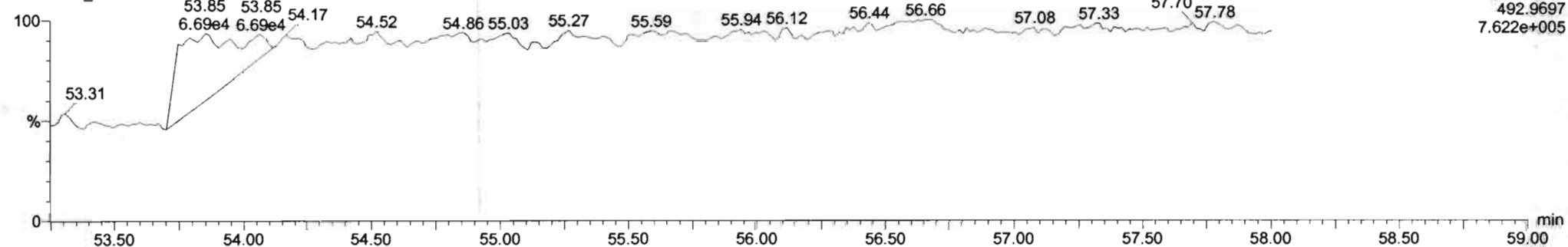
201125K1_4



F5:Voltage SIR,EI+
511.7199
8.972e+006

PFK5b

201125K1_4



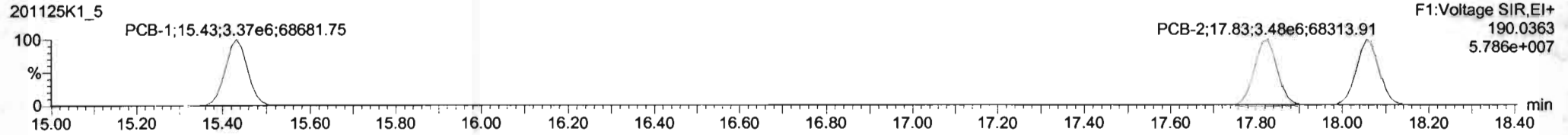
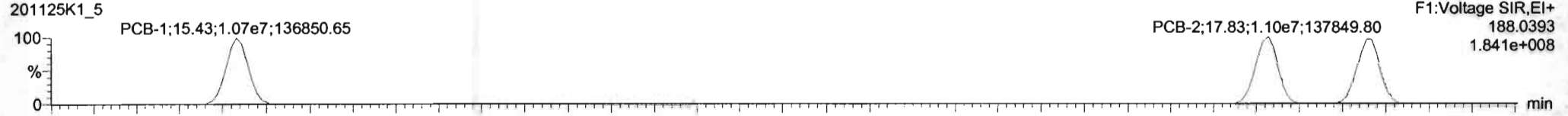
F5:Voltage SIR,EI+
492.9697
7.622e+005

Dataset: Untitled

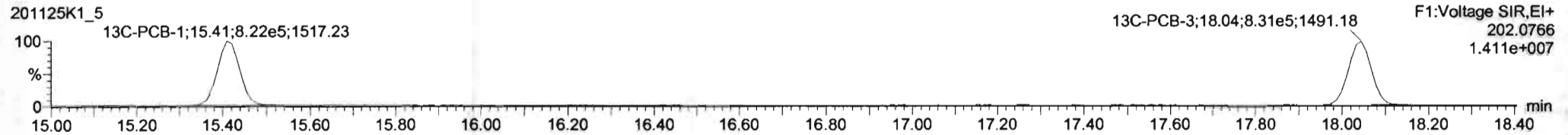
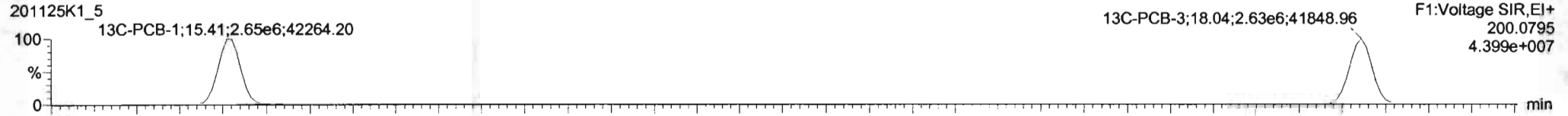
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

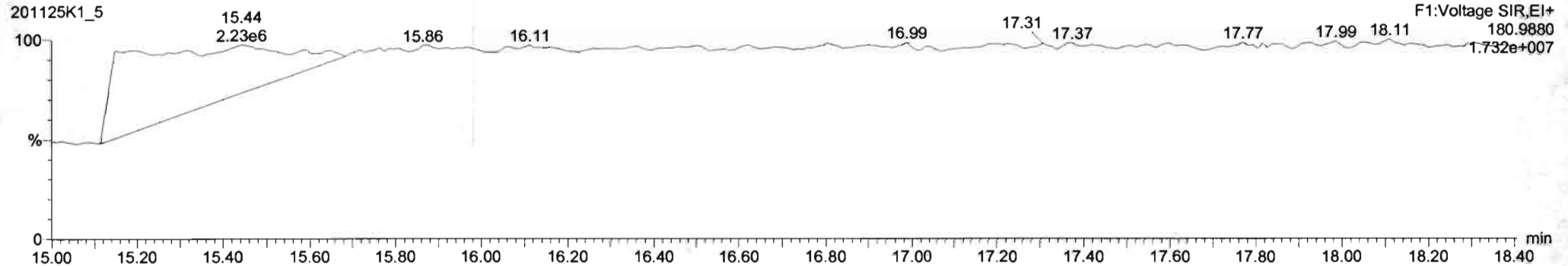
PCB-1



13C-PCB-1



PFK1

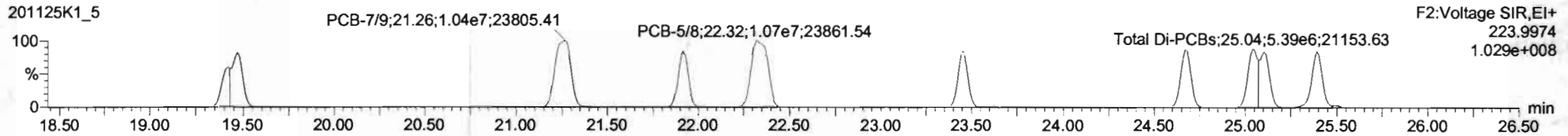
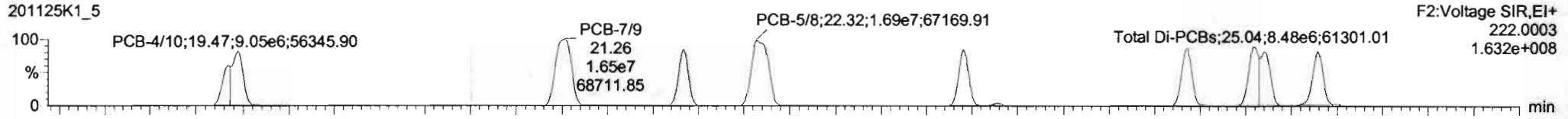


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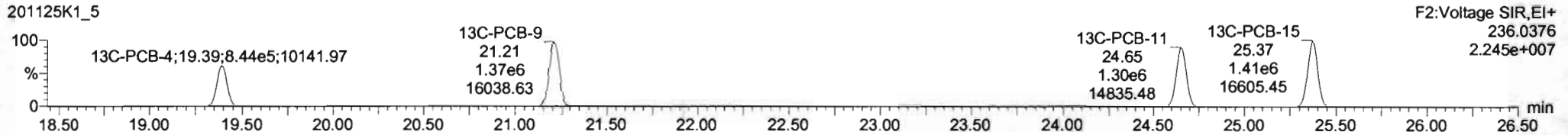
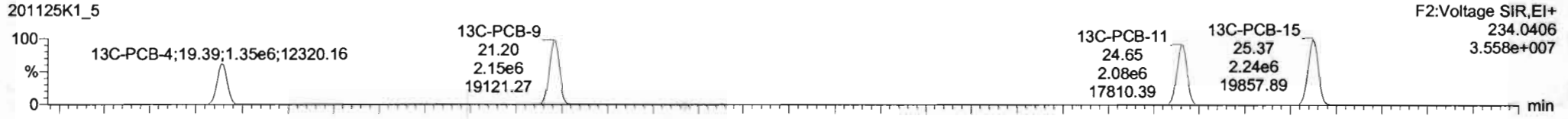
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

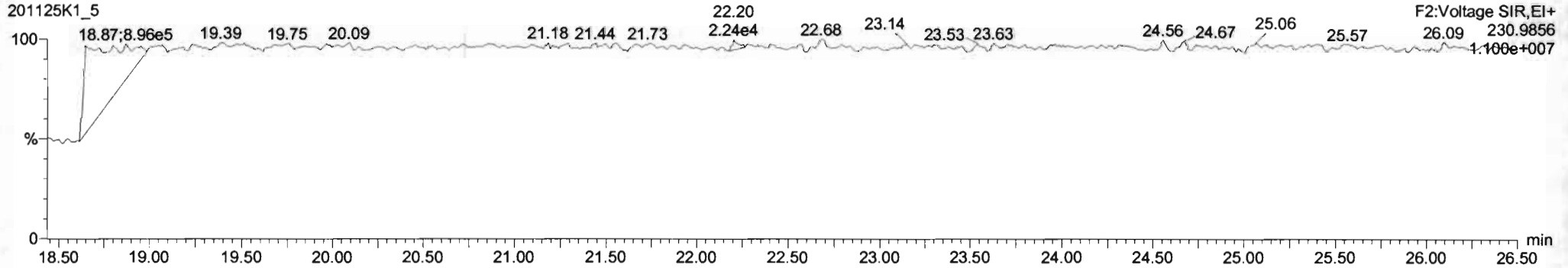
PCB-4/10



13C-PCB-4

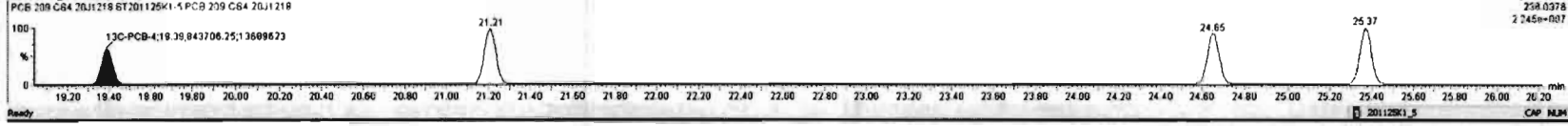
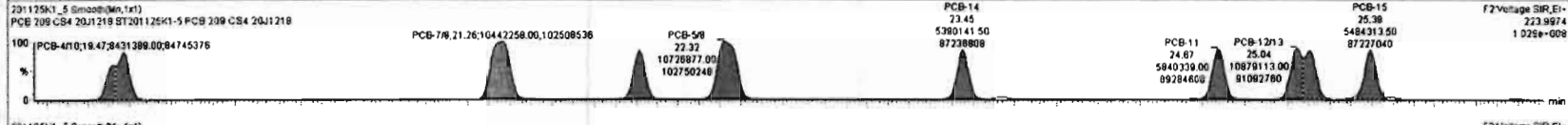
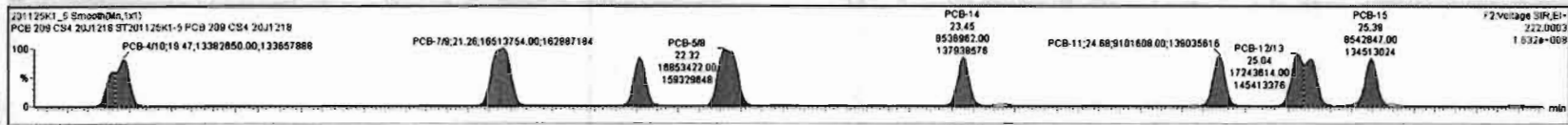


PFK2a



#	Name	Resp	RA	nV	RWF	wtAdj	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc	%Rec	DL	BMP
224	Total Mono-PCBs		1.0034	1.000	0.00	0.000	0.000		0.000		NO	1230		0.0227	1230
225	Total Di-PCBs		1.0387	1.000	0.00	0.000	0.000		0.000		NO	4873		0.304	4873
226	2nd Function Tri-PCBs		0.9434	1.000	0.00	0.000	0.000		0.000		NO	3270		0.0046	3270
227	3rd Function Tri-PCBs		0.9887	1.000	0.00	0.000	0.000		0.000		NO	5500		0.369	5500
228	Total Tetra-PCBs		0.9810	1.000	0.00	0.000	0.000		0.000		NO	17360		0.881	17360
229	2nd Function Penta-PCBs		1.1133	1.000	0.00	0.000	0.000		0.000		NO	16620		0.416	16620
230	4th Function Penta-PCBs		1.0512	1.000	0.00	0.000	0.000		0.000		NO	2058		0.222	2058
231	3rd Function Hexa-PCBs		0.7910	1.000	0.00	0.000	0.000		0.000		NO	5917		0.181	5917

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nV	EMPC	Conc
1	PCB-4/0	19.47	19.47	1.336e7	8.431e6	1.560	1.58	NO	824.62	824.62
2	PCB-7/0	21.26	21.26	1.851e7	1.044e7	1.560	1.58	NO	816.32	816.32
3	PCB-6	21.81	21.82	0.660e6	5.454e6	1.560	1.58	NO	402.76	402.77
4	PCB-5/8	22.31	22.32	1.889e7	1.073e7	1.560	1.57	NO	803.64	803.64
5	PCB-14	23.44	23.45	8.537e6	5.390e6	1.560	1.58	NO	402.87	402.87
6	PCB-11	24.87	24.88	9.102e6	5.840e6	1.560	1.58	NO	396.50	396.50
7	PCB-12/3	25.10	25.04	1.724e7	1.089e7	1.560	1.59	NO	817.40	817.40
8	PCB-15	25.38	25.39	8.543e6	5.484e6	1.560	1.58	NO	408.51	408.51

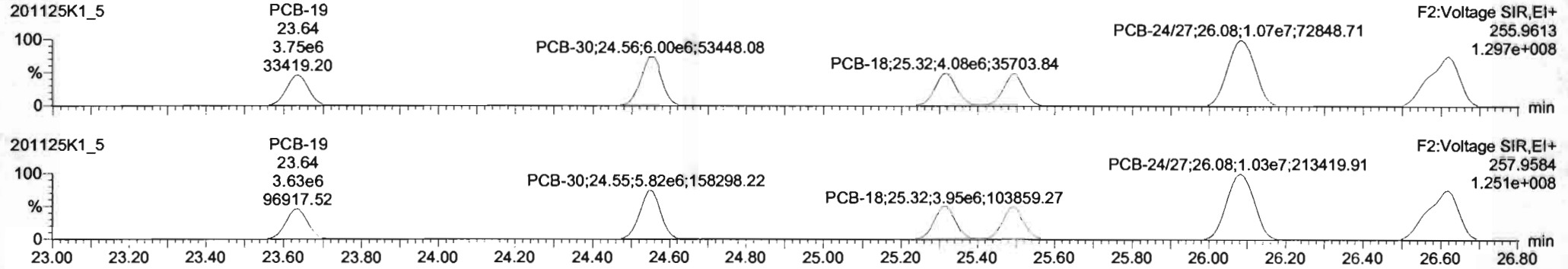


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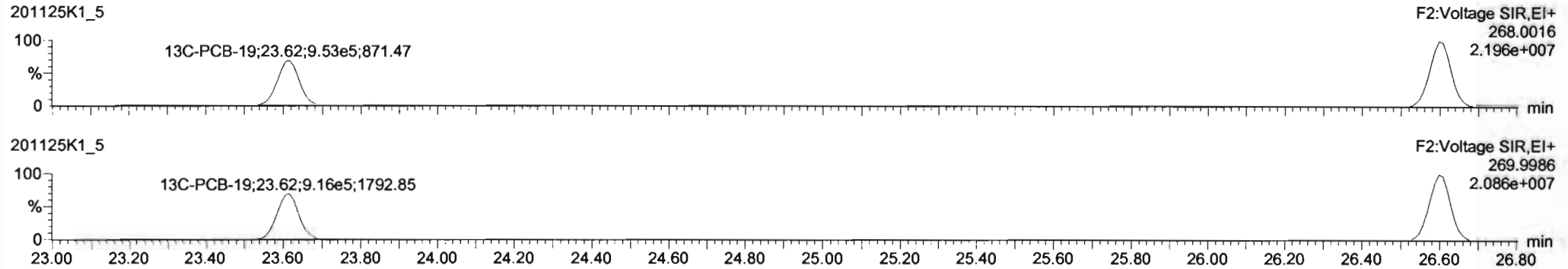
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

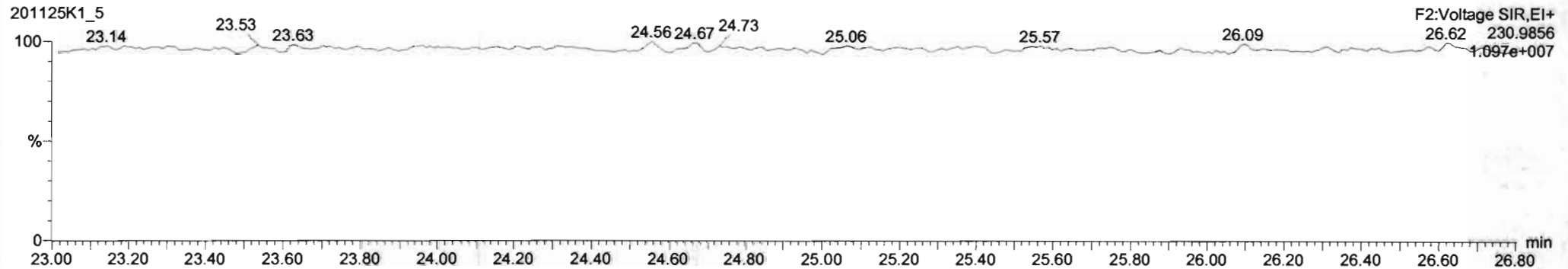
PCB-19



13C-PCB-19



PFK2b



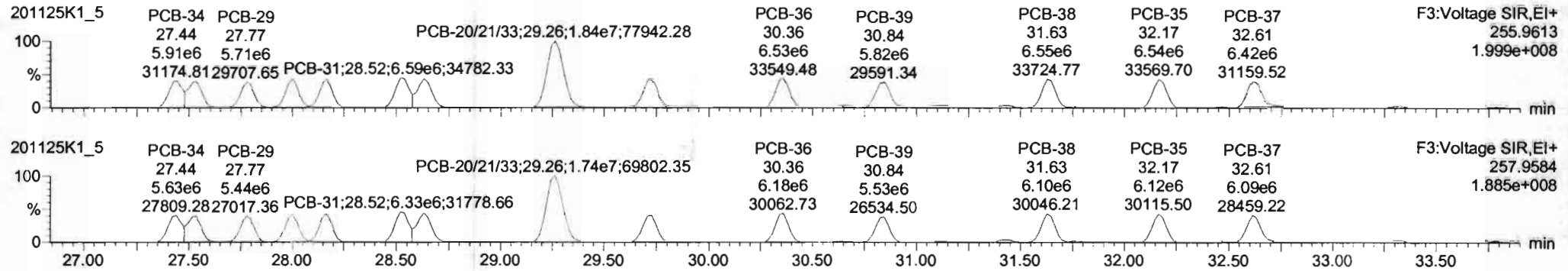
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

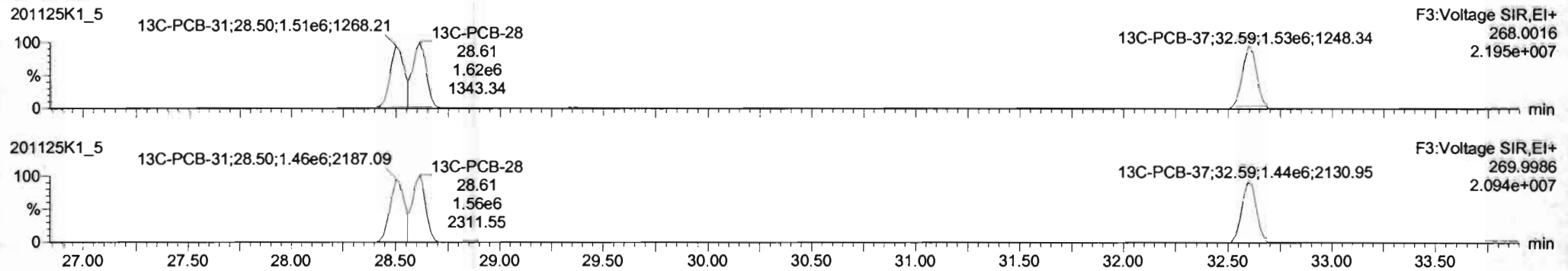
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

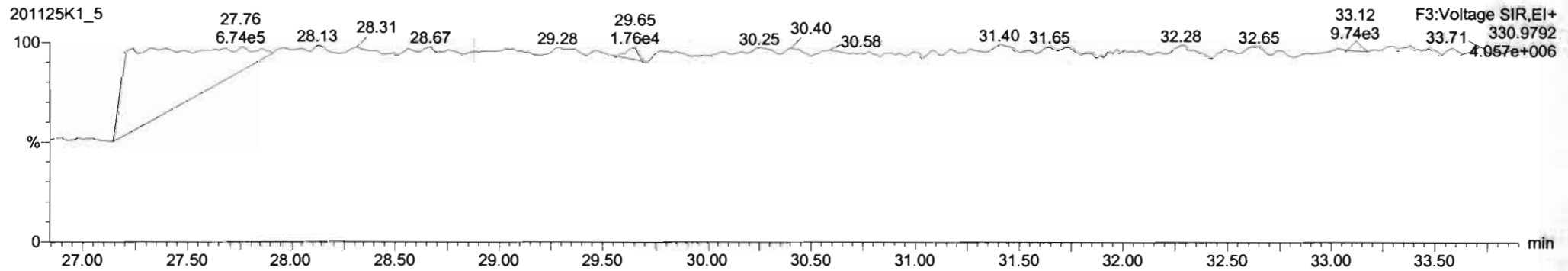
PCB-34

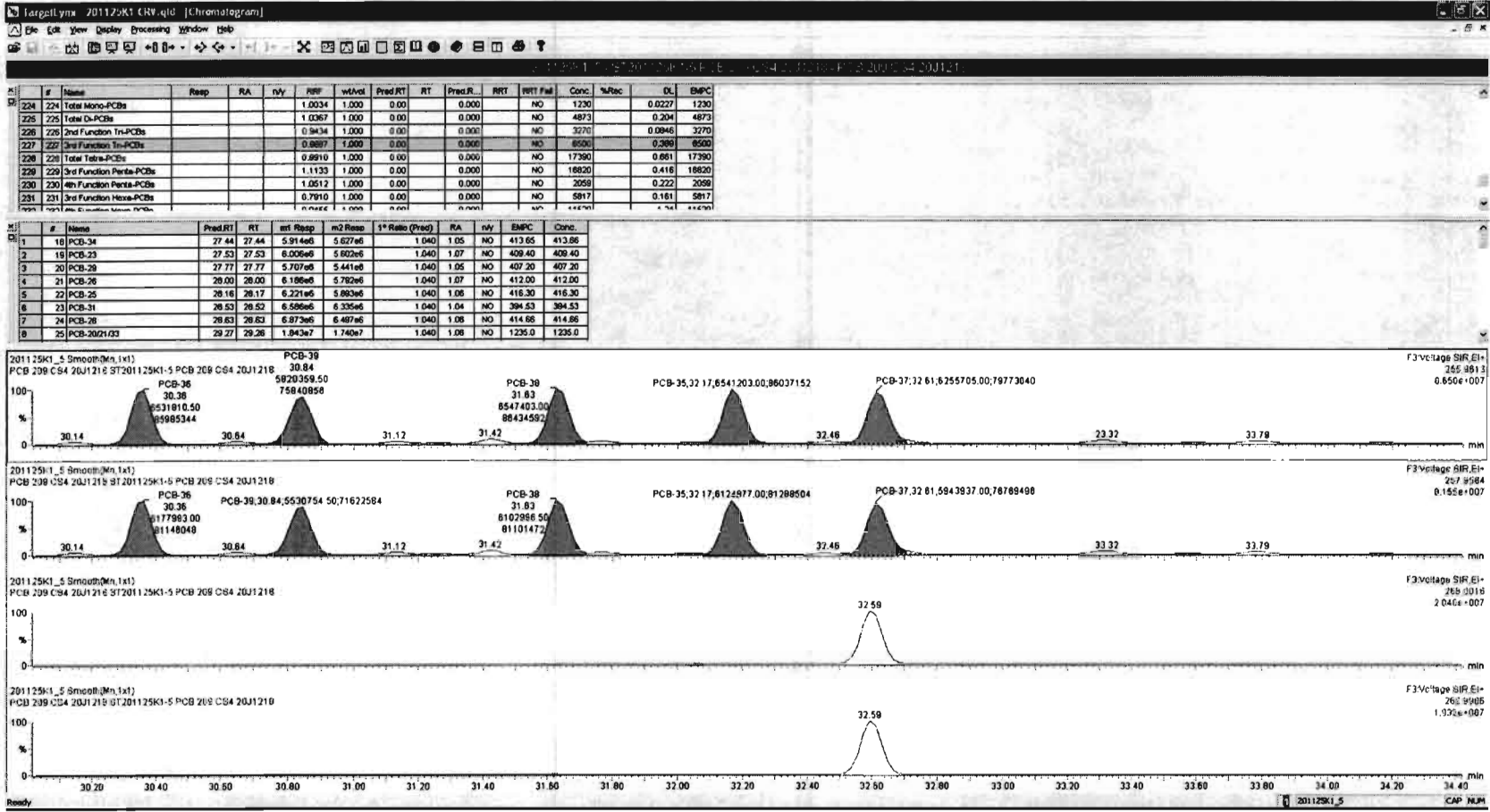


13C-PCB-28



PFK3d





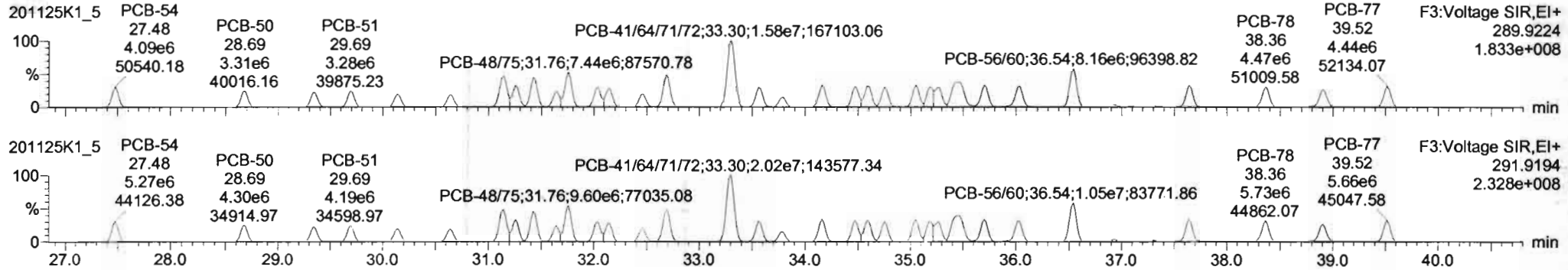
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

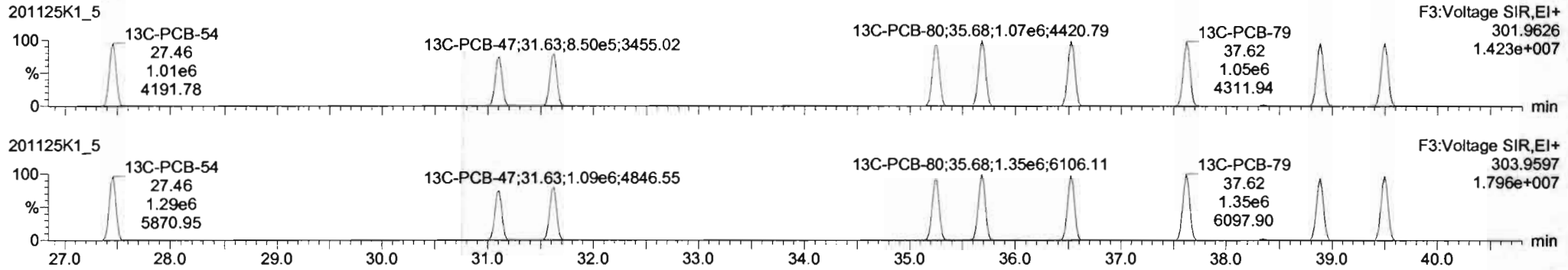
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

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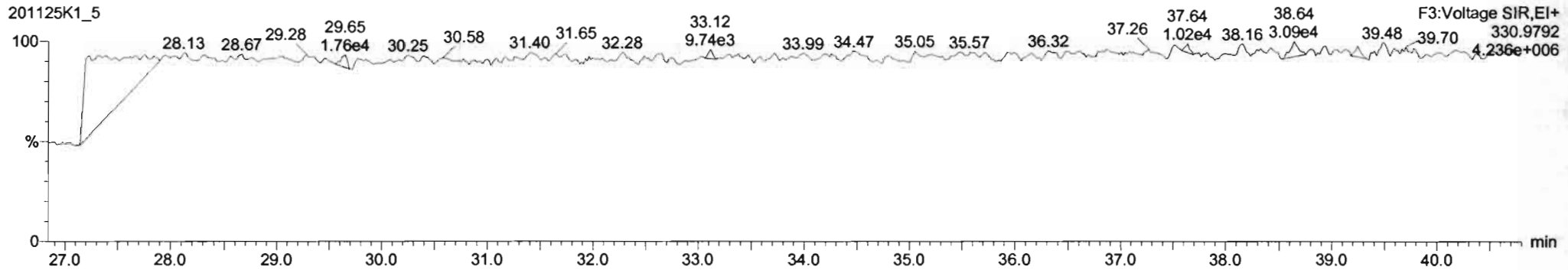
PCB-54



13C-PCB-54



PFK3a



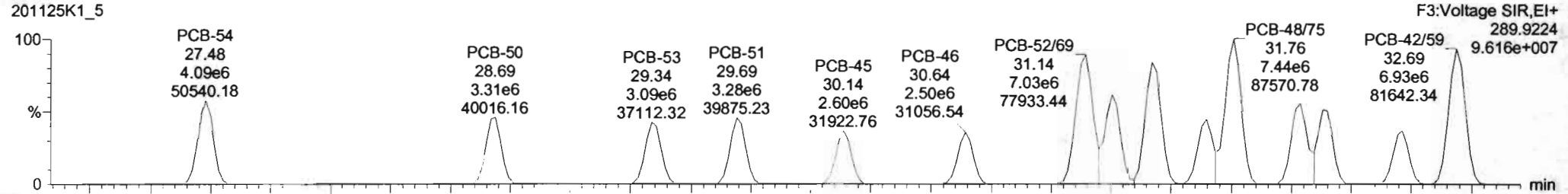
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

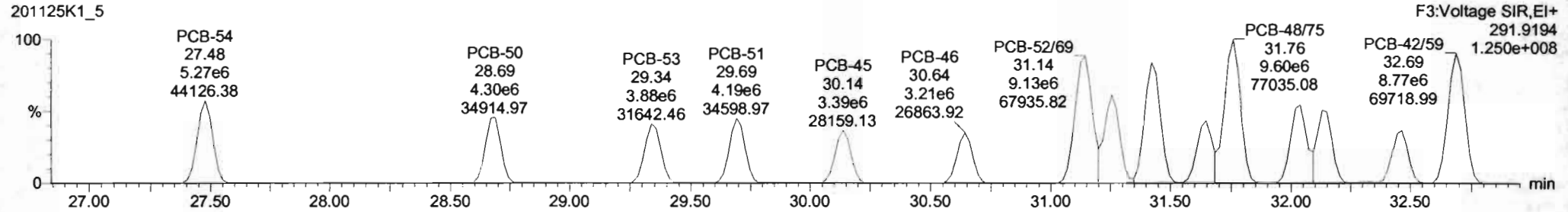
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PCB-50

201125K1_5

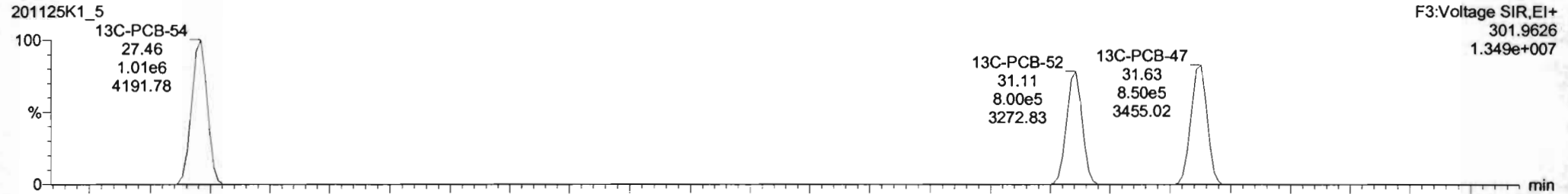


201125K1_5

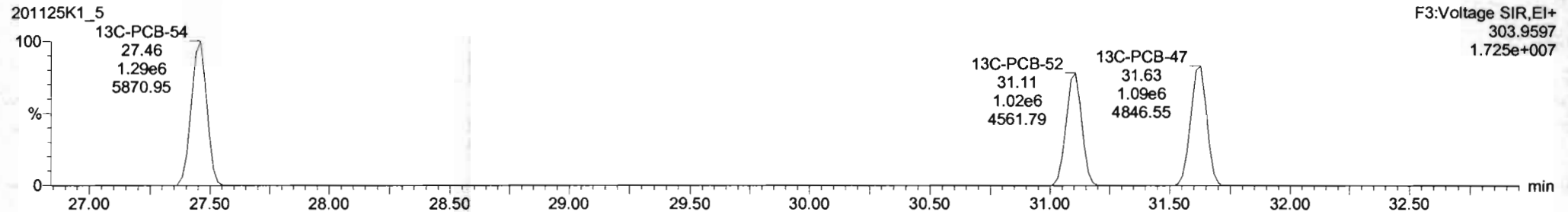


13C-PCB-52

201125K1_5



201125K1_5



Dataset: Untitled

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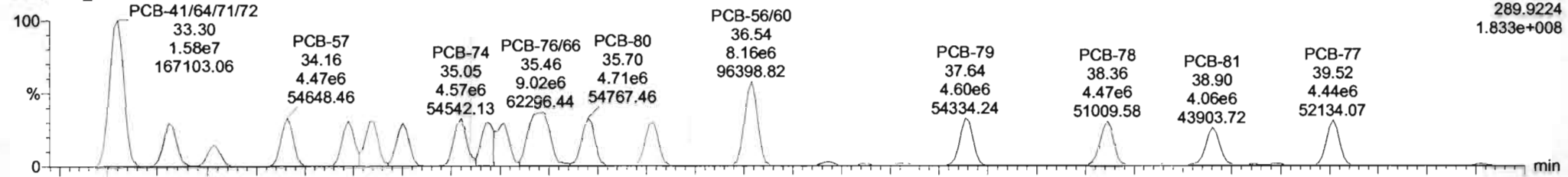
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Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

PCB-68

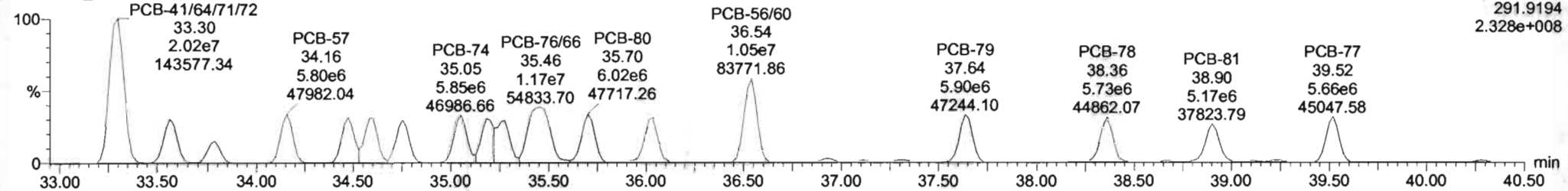
201125K1_5

F3:Voltage SIR,EI+
289.9224
1.833e+008



201125K1_5

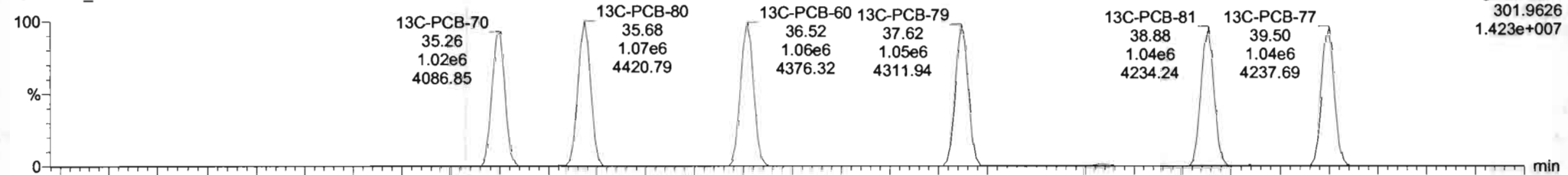
F3:Voltage SIR,EI+
291.9194
2.328e+008



13C-PCB-60

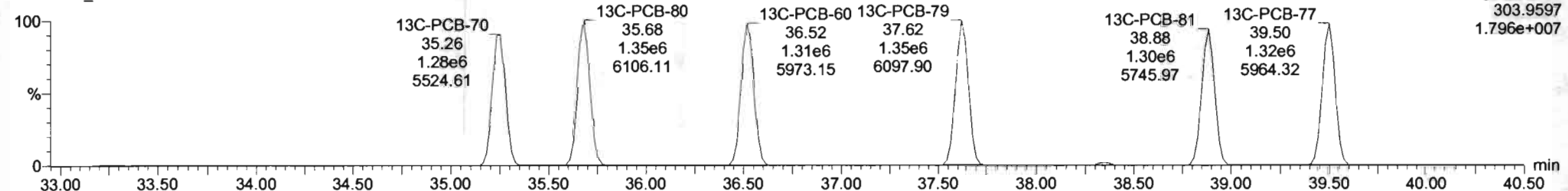
201125K1_5

F3:Voltage SIR,EI+
301.9626
1.423e+007



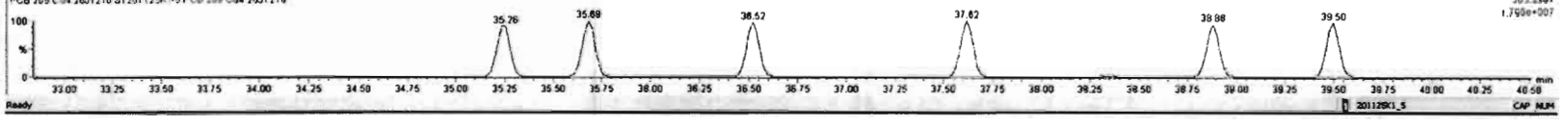
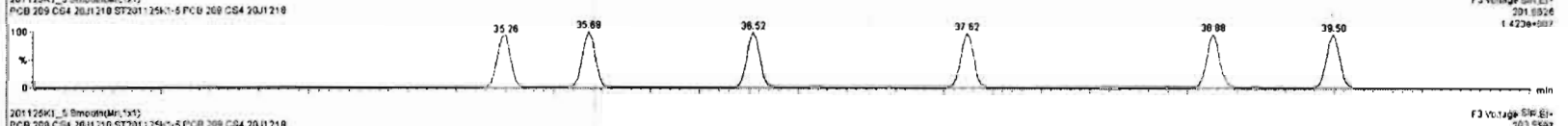
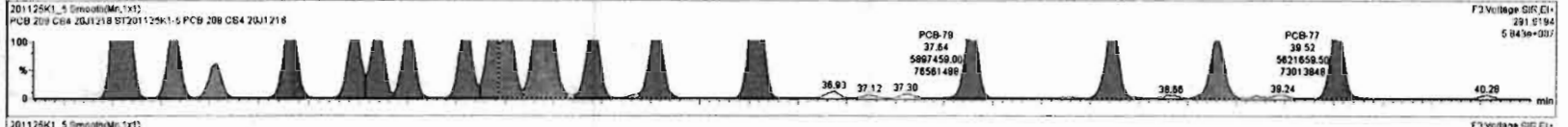
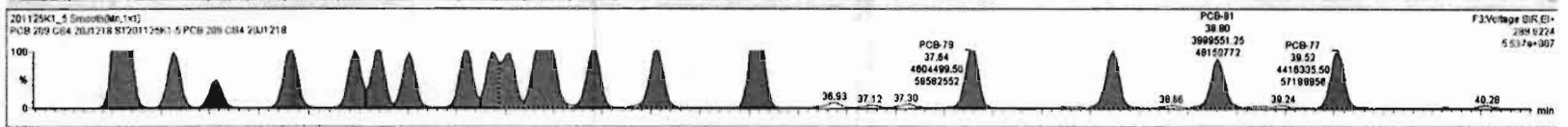
201125K1_5

F3:Voltage SIR,EI+
303.9597
1.796e+007



#	Name	Resp	RA	nly	RRF	stdct	ProdRT	RT	ProdR	RRT	RRF Rat	Conc	NRec	DL	DMC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	1230		0.0227	1230
225	Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	4873		0.204	4873
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	3270		0.0846	3270
227	3rd Function Tri-PCBs				0.8887	1.000	0.00		0.000		NO	6500		0.388	6500
228	Total Tetra-PCBs				0.8910	1.000	0.00		0.000		NO	17385		0.881	17385
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	18820		0.416	18820
230	4th Function Penta-PCBs				1.9512	1.000	0.00		0.000		NO	2059		0.222	2059
231	3rd Function Hexa-PCBs				0.9910	1.000	0.00		0.000		NO	5817		0.181	5817
232	4th Function Hexa-PCBs				0.9447	1.000	0.00		0.000		NO	11294		0.54	11294

#	Name	ProdRT	RT	rel Resp	int Resp	1st Ratio (Prod)	RA	nly	DMC	Conc
1	30 PCB-54	27.48	27.48	4.087e6	5.273e6	0.770	0.77	NO	418.10	418.10
2	30 PCB-50	28.68	28.68	3.315e6	4.303e6	0.770	0.77	NO	412.96	412.96
3	34 PCB-53	29.37	29.34	3.085e6	3.877e6	0.770	0.80	NO	407.01	407.01
4	35 PCB-51	29.70	29.69	3.278e6	4.181e6	0.770	0.78	NO	410.10	410.10
5	36 PCB-45	30.15	30.14	2.597e6	3.383e6	0.770	0.76	NO	408.78	408.78
6	37 PCB-46	30.65	30.64	2.488e6	3.206e6	0.770	0.78	NO	408.50	408.50
7	38 PCB-52/68	31.14	31.14	7.034e6	8.129e6	0.770	0.77	NO	818.87	818.87
8	38 PCB-73	31.25	31.25	4.530e6	5.772e6	0.770	0.78	NO	432.93	432.93



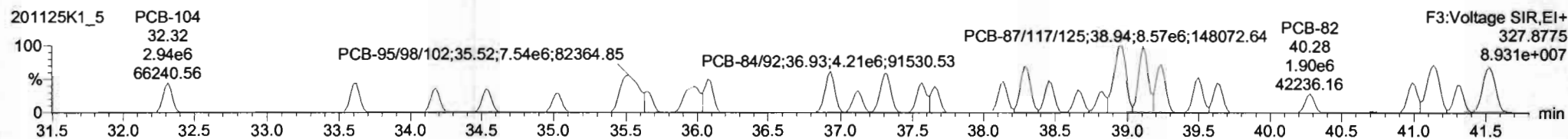
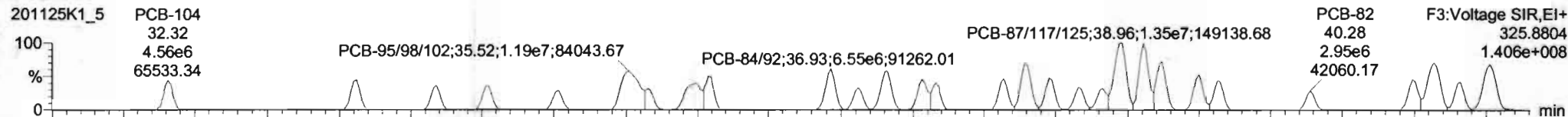
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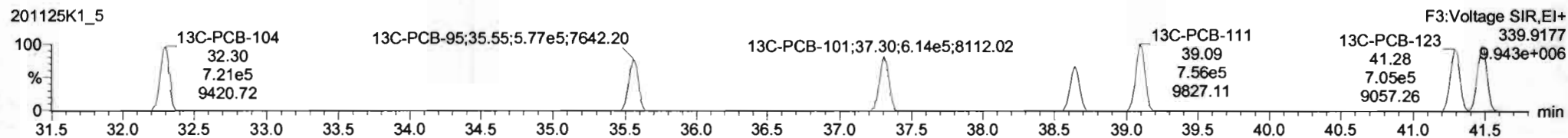
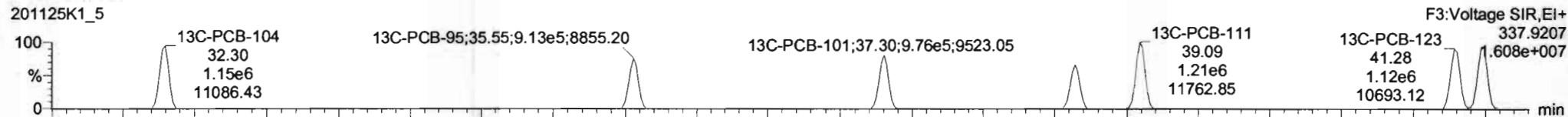
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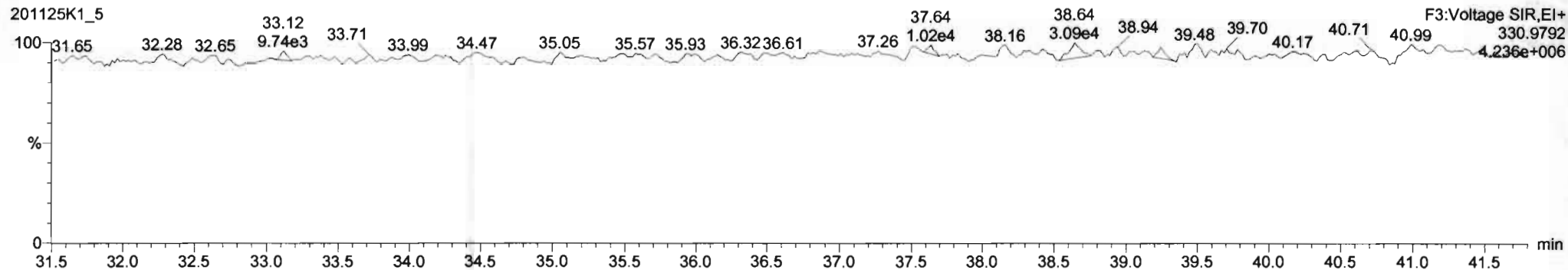
PCB-104



13C-PCB-104



PFK3b

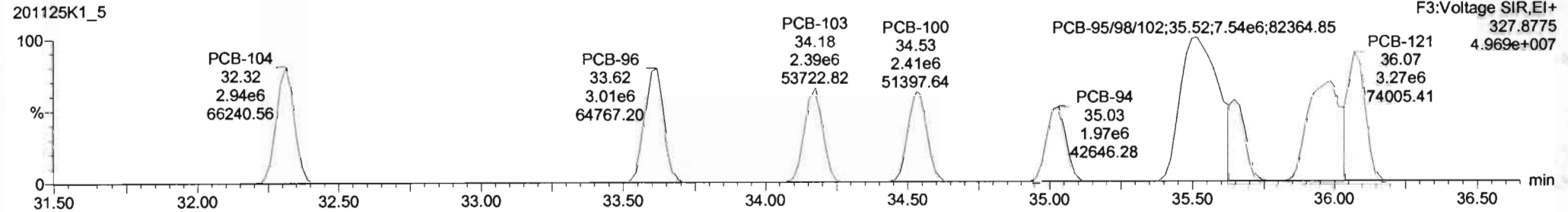
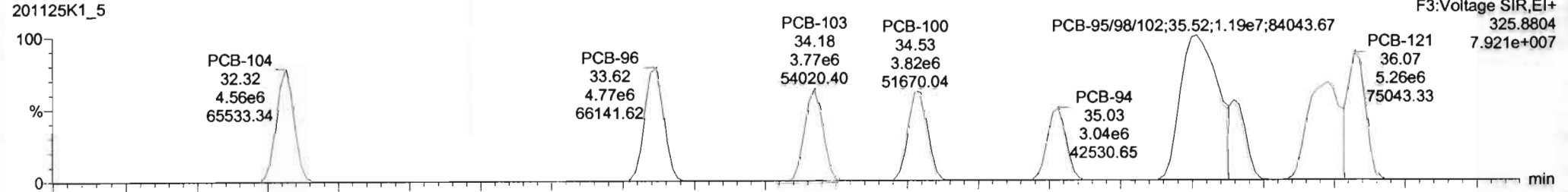


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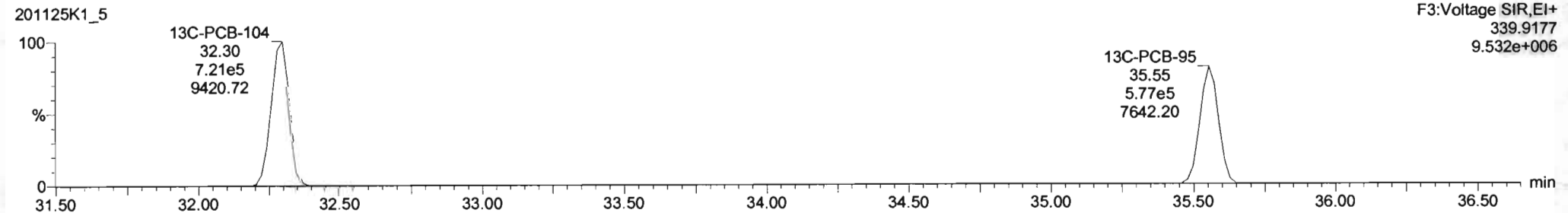
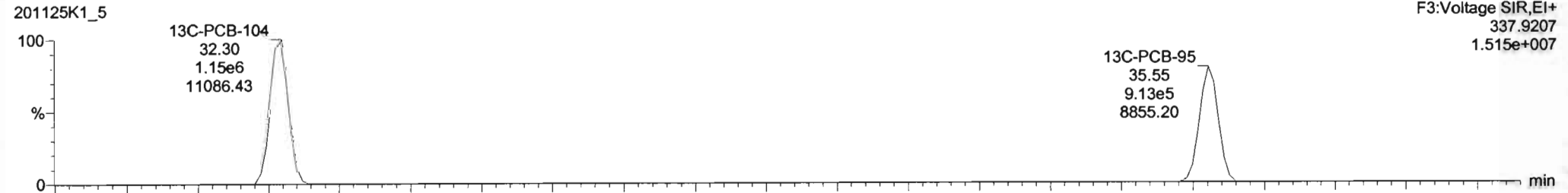
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PCB-96



13C-PCB-95



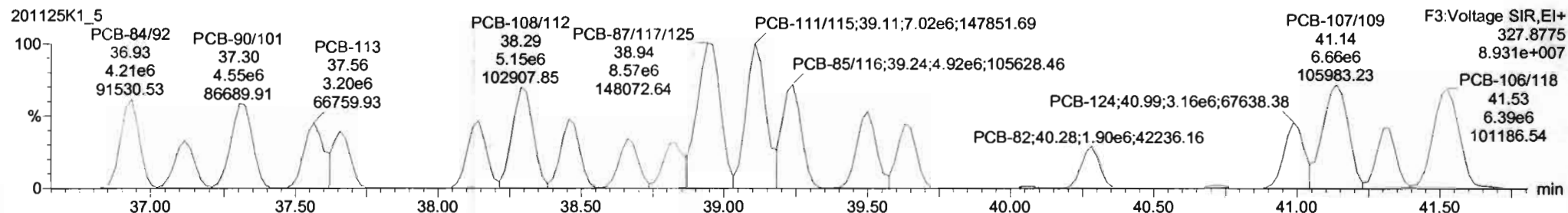
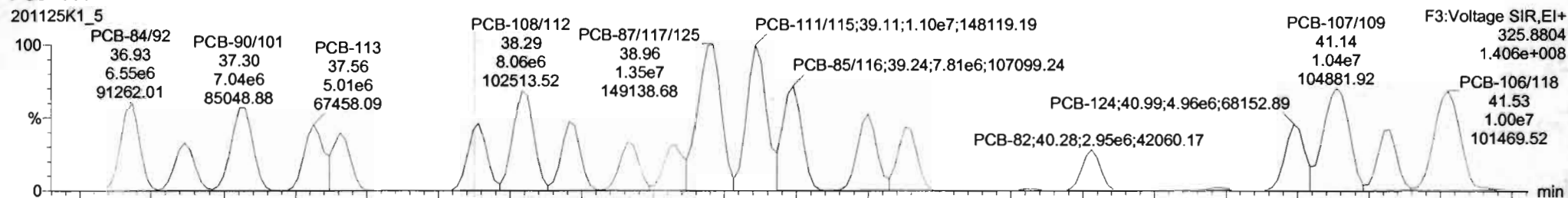
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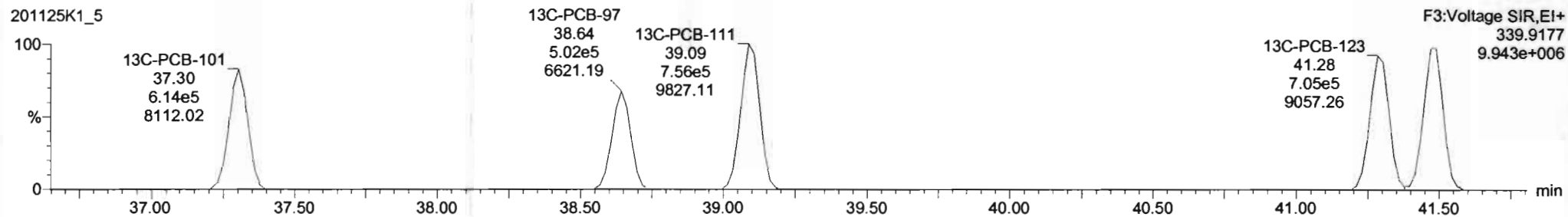
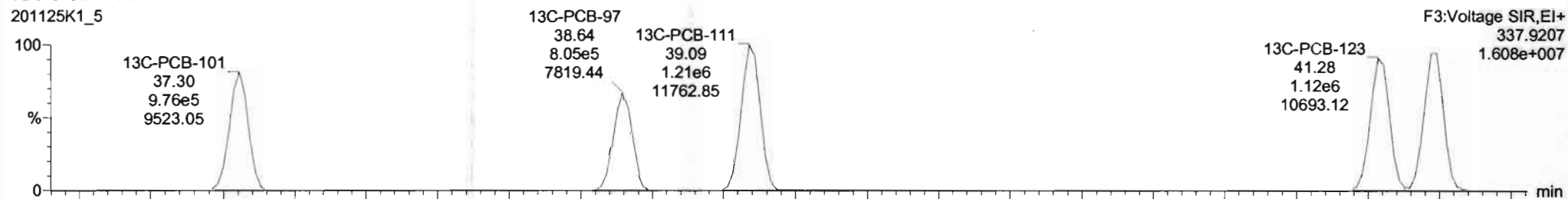
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PCB-119

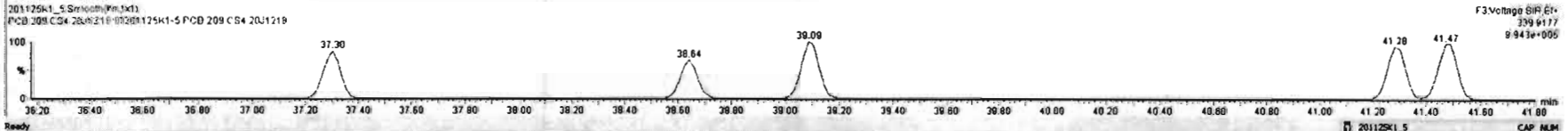
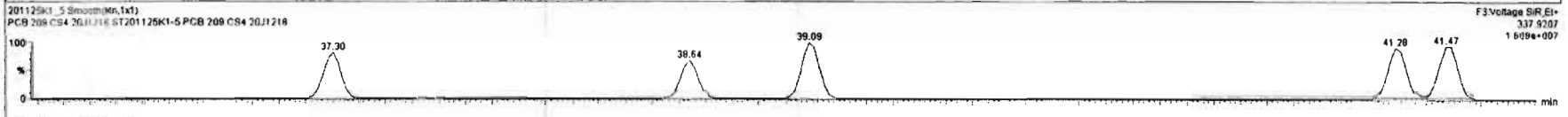
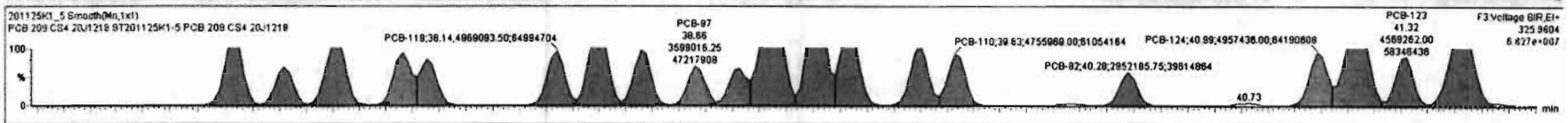


13C-PCB-111



#	Name	Resp	RA	n/y	RRF	wtAve	Pred.RT	RT	Pred.R.	PRT	PRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	1230	0.0227	1230	
225	225 Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	4873	0.204	4873	
226	226 2nd Function Tri-PCBs				0.8434	1.000	0.00		0.000		NO	3270	0.0846	3270	
227	227 3rd Function Tri-PCBs				0.8687	1.000	0.00		0.000		NO	6500	0.369	6500	
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	17390	0.561	17390	
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	18820	0.418	18820	
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	2058	0.222	2058	
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	5817	0.161	5817	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.32	32.31	4.556e6	2.942e6	1.560	1.55	NO	408.89	438.89
2	65 PCB-98	33.62	33.62	4.774e6	3.006e6	1.560	1.58	NO	423.95	423.95
3	86 PCB-103	34.17	34.18	3.773e6	2.384e6	1.560	1.58	NO	428.97	428.97
4	67 PCB-100	34.54	34.53	3.825e6	2.407e6	1.560	1.58	NO	414.58	414.58
5	68 PCB-94	35.03	35.03	3.038e6	1.968e6	1.560	1.55	NO	404.52	404.52
6	69 PCB-85/98/102	35.50	35.52	1.189e7	7.543e6	1.560	1.58	NO	1218.3	1218.3
7	70 PCB-93	36.65	36.65	2.807e6	1.789e6	1.560	1.58	NO	403.43	403.43
8	71 PCB-98/91	35.98	35.98	7.077e6	4.518e6	1.560	1.57	NO	855.13	855.13

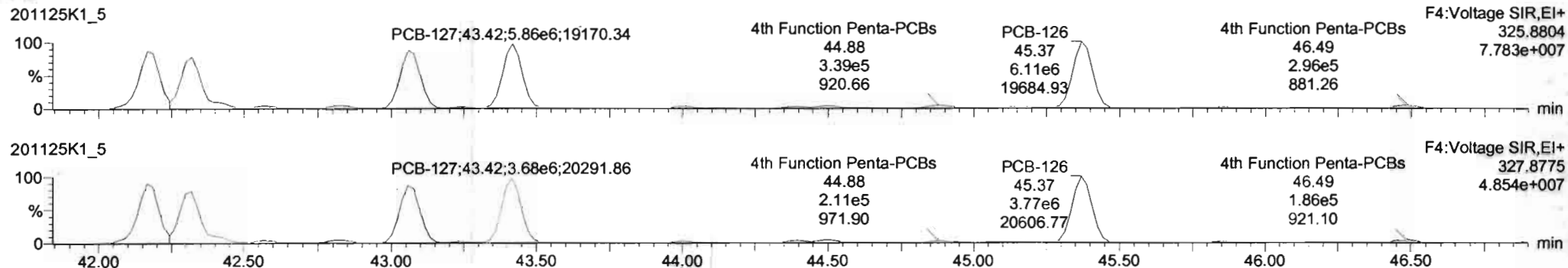


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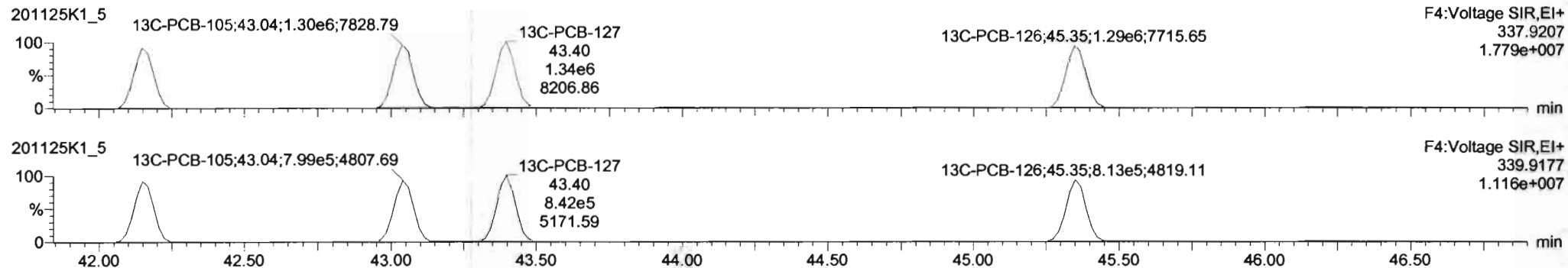
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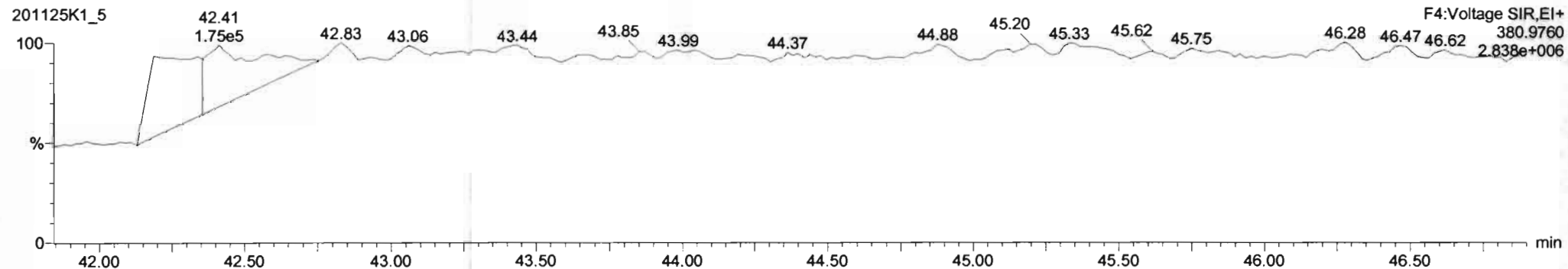
PCB-114



13C-PCB-114

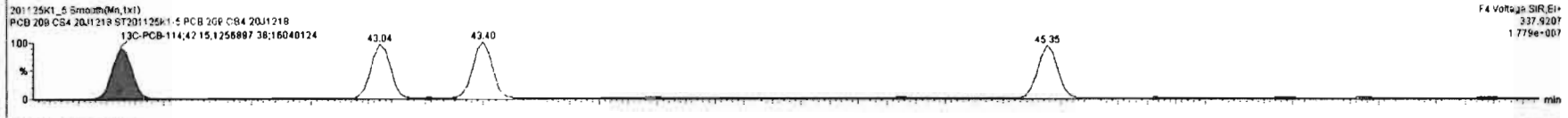
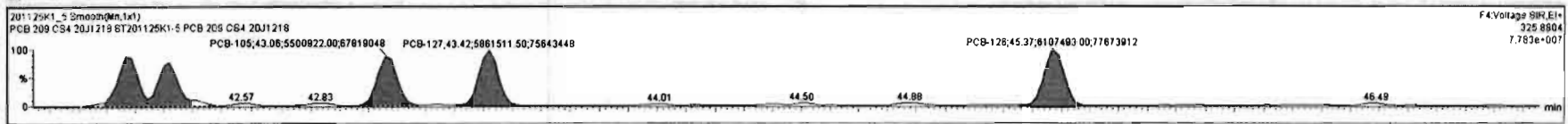


PFK4a



#	Name	Resp	RA	n/y	RF	nt/ctd	Pred.RT	RT	Prod.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	1230		0.0227	1230
225	Total Di-PCBs				1.0267	1.000	0.00		0.000		NO	4873		0.204	4873
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	3270		0.0846	3270
227	3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	6500		0.399	6500
228	Total Tetra-PCBs				0.9010	1.000	0.00		0.000		NO	17390		0.861	17390
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	16620		0.416	16620
230	4th Function Penta-PCBs				1.0612	1.000	0.00		0.000		NO	2069		0.222	2069
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	5817		0.181	5817

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	83 PCB-114	42.17	42.17	5.539e6	3.547e6	1.590	1.58	NO	408.10	408.10
2	84 PCB-122	42.32	42.32	4.968e6	3.077e6	1.580	1.58	NO	415.73	415.73
3	85 PCB-105	43.06	43.06	5.501e6	3.435e6	1.550	1.60	NO	411.46	411.46
4	86 PCB-127	43.42	43.42	5.062e6	3.081e6	1.560	1.59	NO	414.48	414.48
5	87 PCB-126	45.37	45.37	8.107e6	3.799e6	1.580	1.61	NO	408.71	409.71



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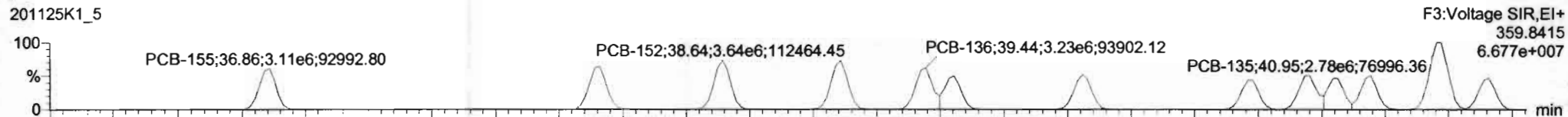
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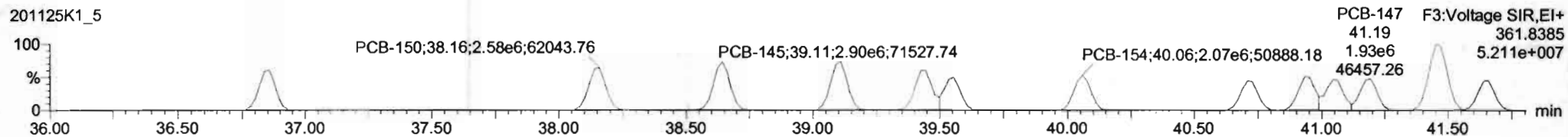
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PCB-155

201125K1_5

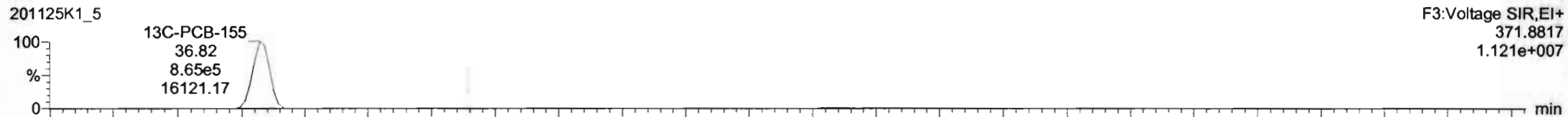


201125K1_5

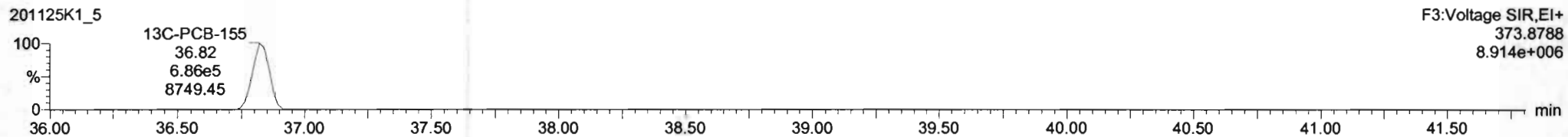


13C-PCB-155

201125K1_5

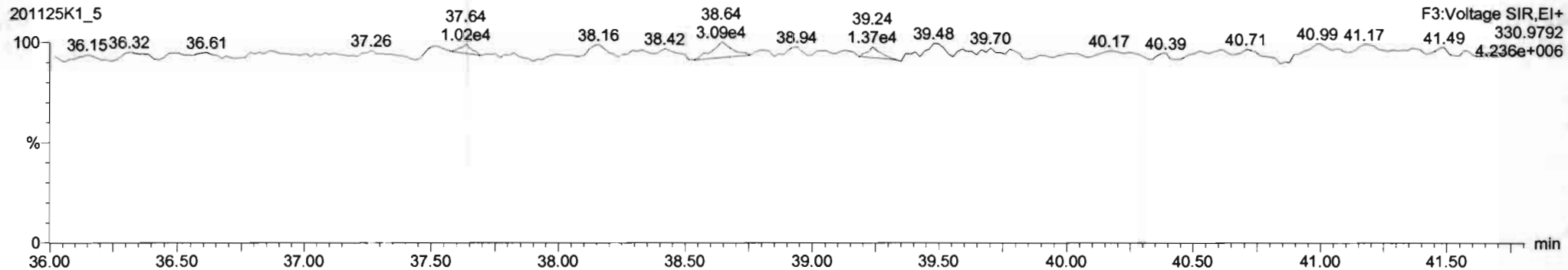


201125K1_5



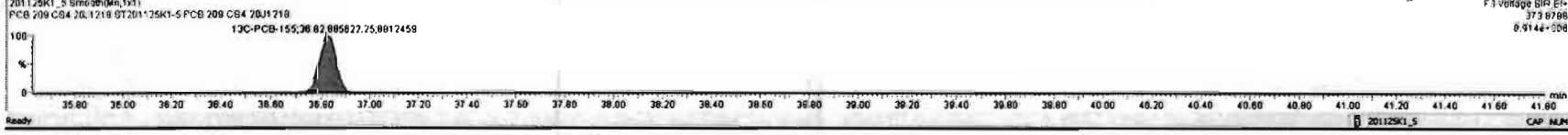
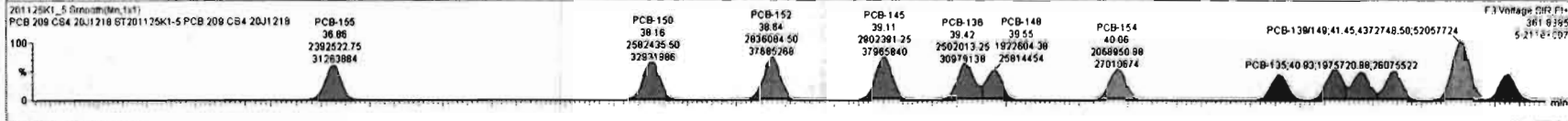
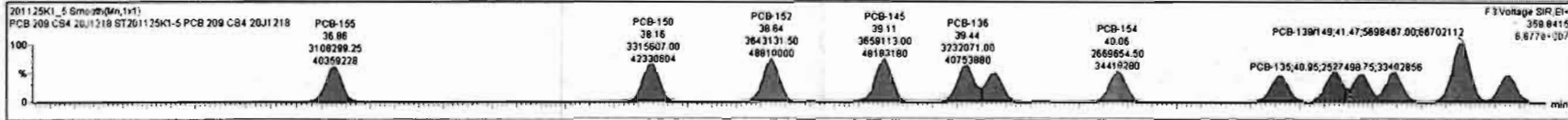
PFK3c

201125K1_5



#	Name	Resp	RA	n/y	RRF	wAve	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00	0.000	0.000	NO	NO	1230	0.0227	1230	
225	Total Di-PCBs				1.0367	1.000	0.00	0.000	0.000	NO	NO	4873	0.204	4873	
226	2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000	0.000	NO	NO	3270	0.0846	3270	
227	3rd Function Tri-PCBs				0.9687	1.000	0.00	0.000	0.000	NO	NO	6500	0.368	6500	
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.000	0.000	NO	NO	17390	0.681	17390	
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000	0.000	NO	NO	18820	0.416	18820	
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000	0.000	NO	NO	2058	0.227	2058	
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000	NO	NO	5817	0.181	5817	

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	98 PCB-155	36.84	36.86	3.108e6	2.393e6	1.240	1.30	NO	416.08	416.08
2	99 PCB-150	38.16	38.18	3.316e6	2.582e6	1.240	1.28	NO	407.14	407.14
3	100 PCB-152	38.84	38.84	3.843e6	2.836e6	1.240	1.28	NO	410.38	410.38
4	101 PCB-145	38.11	38.11	3.659e6	2.902e6	1.240	1.28	NO	430.55	430.55
5	102 PCB-138	39.44	39.44	3.222e6	2.502e6	1.240	1.29	NO	418.71	418.71
6	103 PCB-148	38.55	38.55	2.481e6	1.923e6	1.240	1.30	NO	427.34	427.34
7	104 PCB-154	40.08	40.08	2.670e6	2.086e6	1.240	1.29	NO	434.02	434.02
8	105 PCB-151	40.72	40.71	2.304e6	1.805e6	1.240	1.28	NO	393.10	393.10

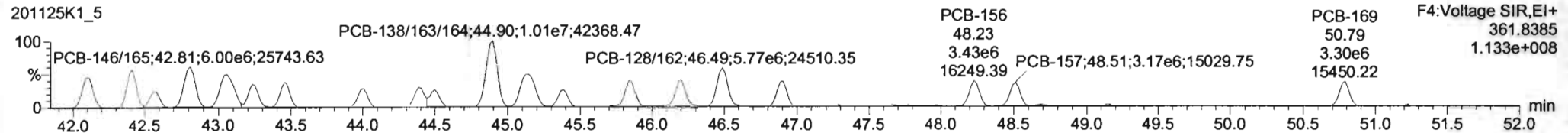
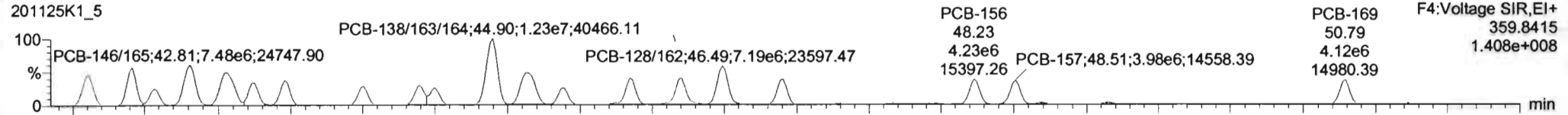


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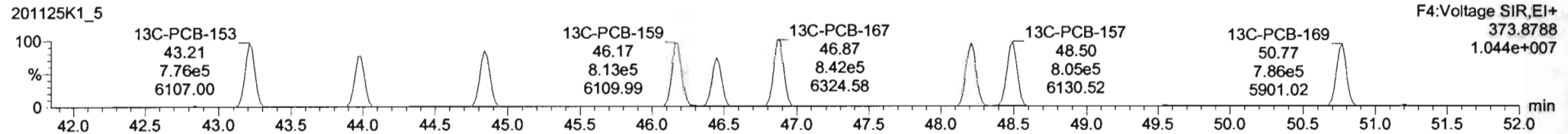
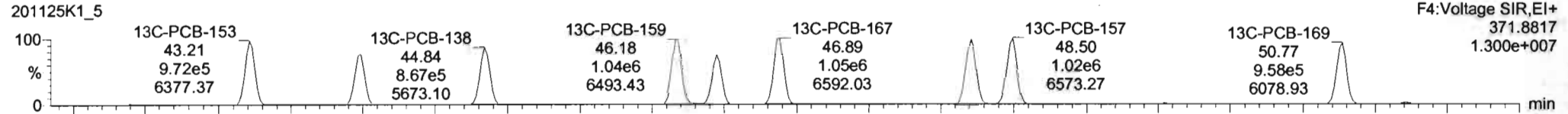
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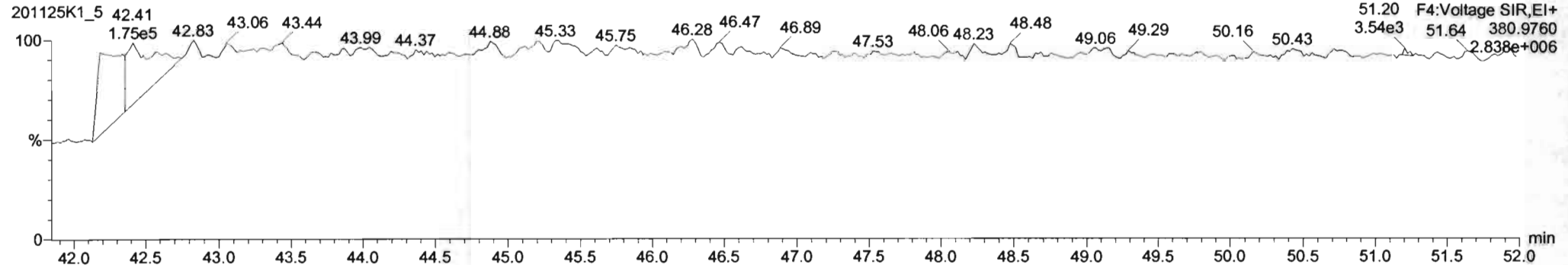
PCB-134/143



13C-PCB-153

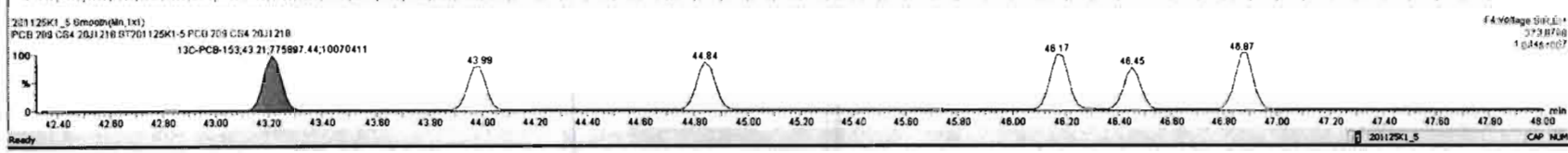
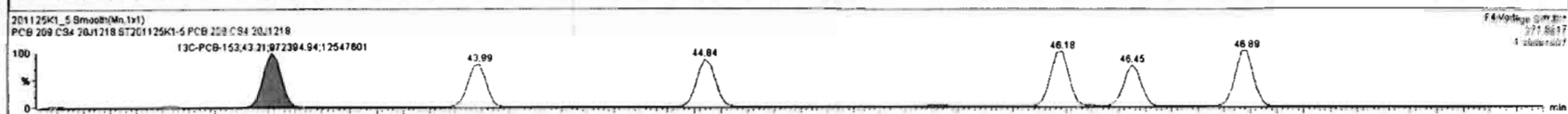
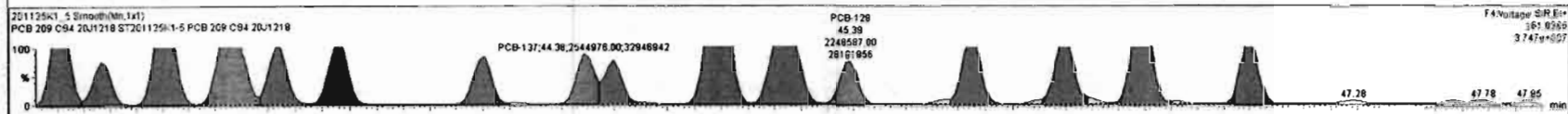
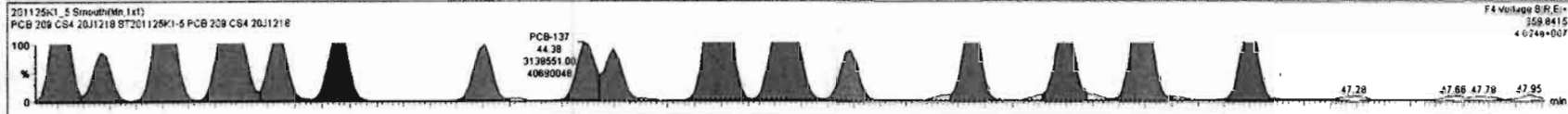


PFK4b



#	Name	Resp	RA	nly	RR'	wtVcl	Pred RT	RT	Pred R...	RRT	RRT Fat	Conc	%Wcc	Di	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00	0.000			NO	1230		0.0227	1230
225	Total Di-PCBs				1.2367	1.000	0.00	0.000			NO	4873		0.204	4873
226	2nd Function Tri-PCBs				0.8434	1.000	0.00	0.000			NO	3270		0.0848	3270
227	3rd Function Tri-PCBs				0.8887	1.000	0.00	0.000			NO	6500		0.269	6500
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.000			NO	17390		0.691	17390
229	2nd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO	16820		0.416	16820
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000			NO	2059		0.222	2059
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000			NO	5917		0.161	5917

#	Name	Pred RT	RT	wt Filter	wt2 Name	* Ratio (Pred)	RA	nly	EMPC	Conc
1	111 PCB-134H43	42.11	42.11	5.711e6	4.599e6	1.240	1.24	NO	820.87	820.87
2	112 PCB-131A33	42.42	42.41	6.133e6	4.834e6	1.240	1.24	NO	824.64	824.64
3	113 PCB-142	42.58	42.57	2.781e6	2.198e6	1.240	1.26	NO	412.85	412.85
4	114 PCB-146H65	42.81	42.81	7.477e6	5.999e6	1.240	1.25	NO	817.07	817.07
5	115 PCB-132H61	43.06	43.06	7.657e6	6.107e6	1.240	1.25	NO	822.58	822.58
6	116 PCB-153	43.25	43.23	3.819e6	3.049e6	1.240	1.25	NO	386.73	386.73
7	117 PCB-168	43.46	43.46	4.085e6	3.288e6	1.240	1.25	NO	408.03	408.03
8	118 PCB-141	44.01	44.01	3.085e6	2.482e6	1.240	1.25	NO	410.44	410.44

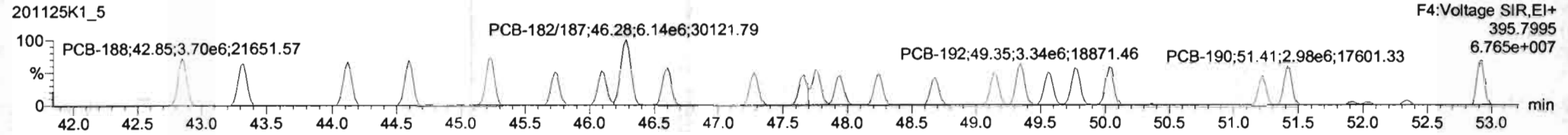
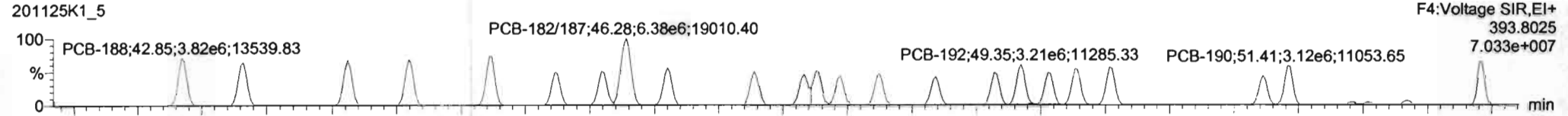


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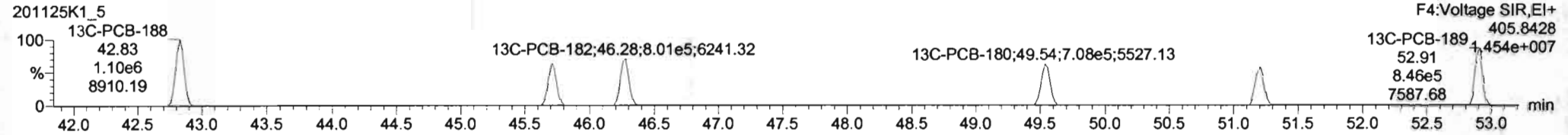
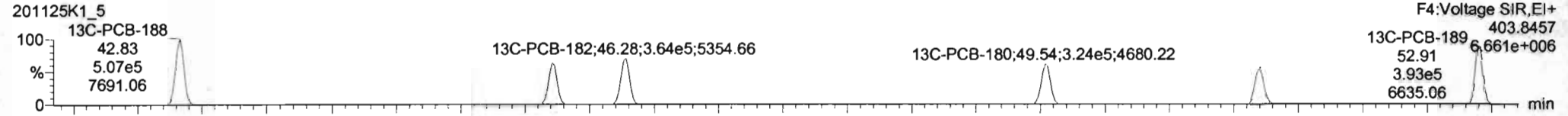
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Name: 201125K1_5, Date: 25-Nov-2020, Time: 13:49:04, ID: ST201125K1-5 PCB 209 CS4 20J1218, Description: PCB 209 CS4 20J1218

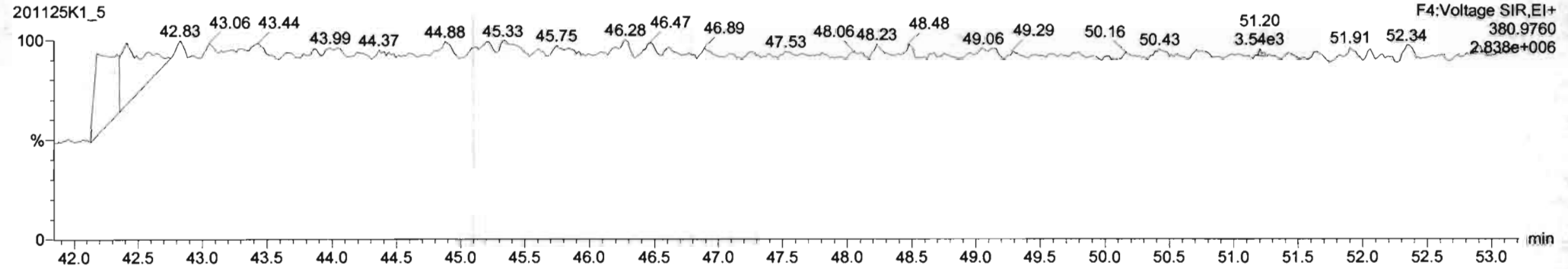
PCB-188



13C-PCB-188

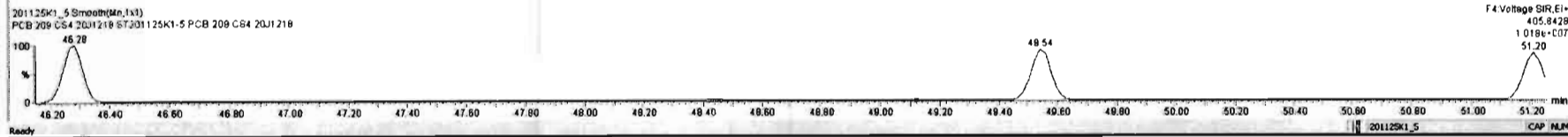
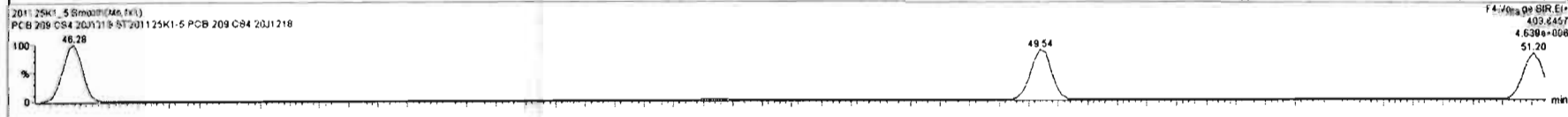
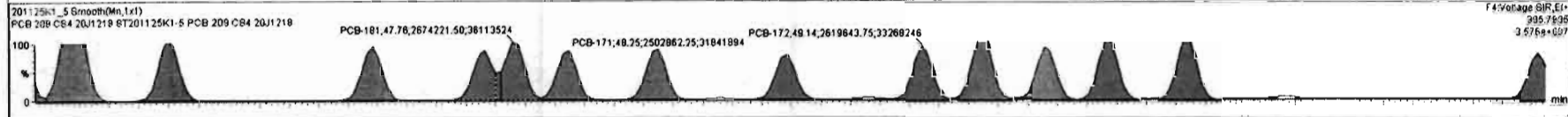
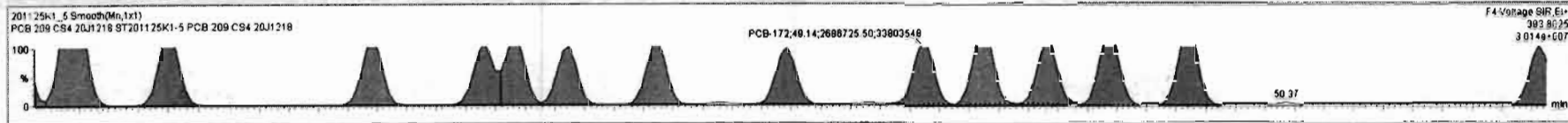


PFK4c



#	Name	Resp	RA	n/y	RRF	wt/val	Pred RT	RT	Pred R...	RRT	RRT Fal	Conc	%Rec	DL	EMPC
233	Total Hepta-PCBs				1.2043	1.000	0.00	0.000			NO	3740	1.48	3740	
234	4th Function Octa-PCBs				0.8605	1.000	0.00	0.000			NO	3755	0.267	3755	
235	5th Function Octa-PCBs				1.0957	1.000	0.00	0.000			NO	1213	0.178	1213	
236	Total Nona-PCBs				0.8671	1.000	0.00	0.000			NO	1248	0.284	1248	
237	Deca-CB				0.8627	1.000	0.00	0.000			NO	408.1	0.00346	408.1	
238	Total PCBs														
239	Total Mono-Isotopes														
240	Total Di-Isotopes														

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	PCB-188	42.87	42.85	3.820e6	3.702e6	1.050	1.03	NO	406.62	406.62
2	PCB-184	43.32	43.32	3.598e6	3.465e6	1.050	1.04	NO	385.11	385.11
3	PCB-179	44.12	44.12	3.658e6	3.479e6	1.050	1.05	NO	412.80	412.80
4	PCB-176	44.50	44.50	3.716e6	3.554e6	1.050	1.05	NO	405.99	405.99
5	PCB-186	45.24	45.22	4.045e6	3.891e6	1.050	1.04	NO	400.10	400.10
6	PCB-178	45.75	45.73	2.690e6	2.618e6	1.050	1.03	NO	398.05	398.05
7	PCB-175	46.00	46.00	2.816e6	2.748e6	1.050	1.02	NO	405.47	405.47
8	PCB-182/187	46.28	46.28	6.381e6	6.143e6	1.050	1.04	NO	626.44	626.44



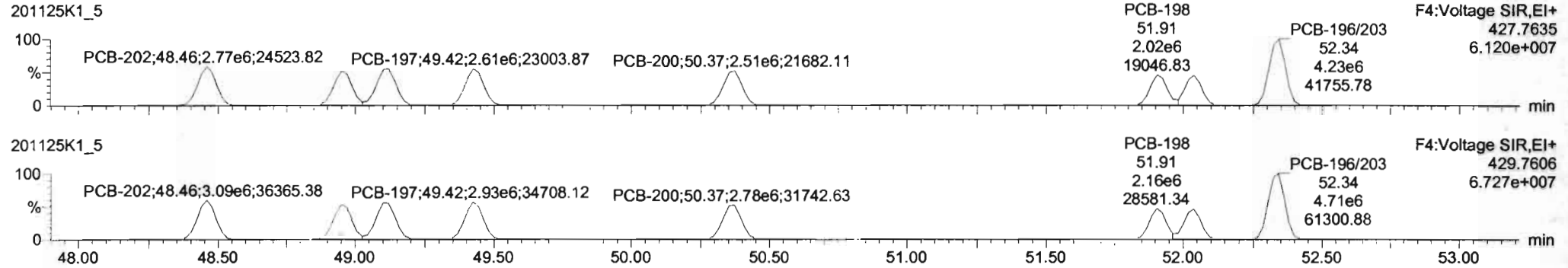
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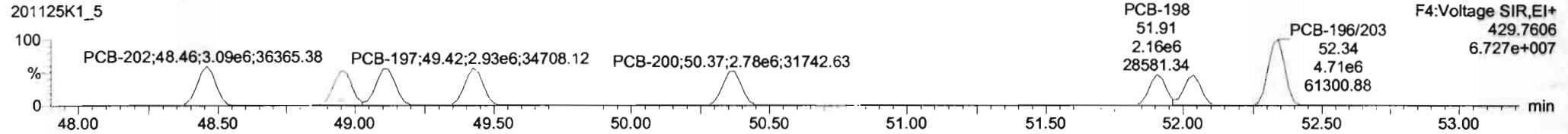
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PCB-202

201125K1_5

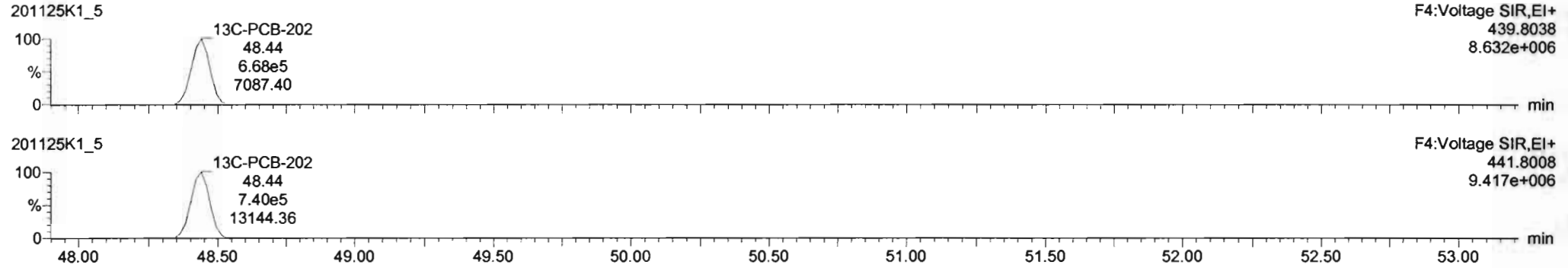


201125K1_5

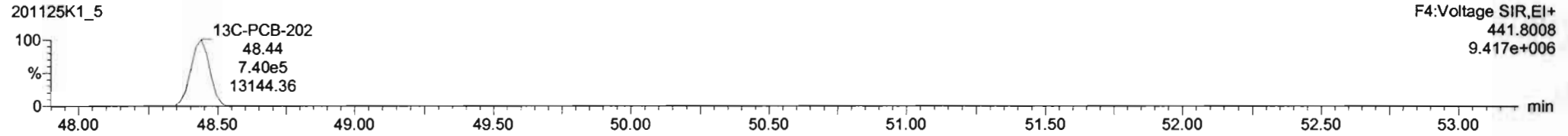


13C-PCB-202

201125K1_5

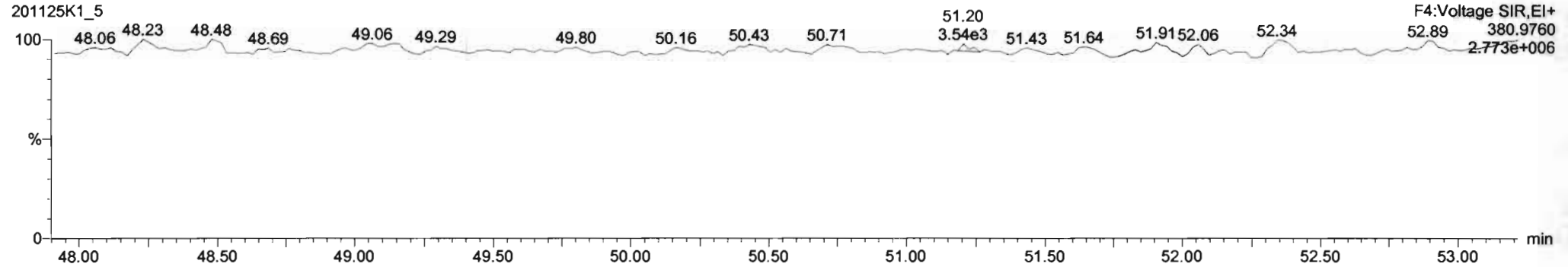


201125K1_5



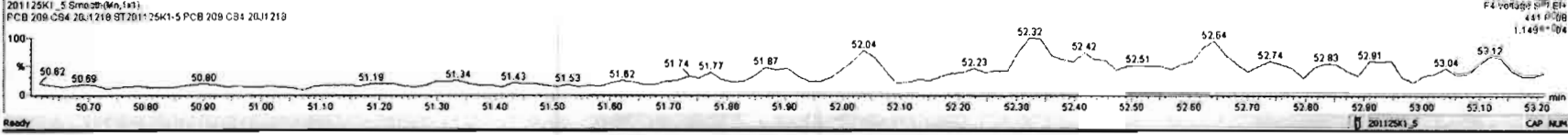
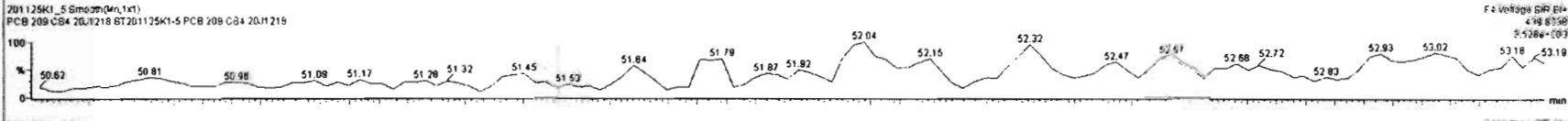
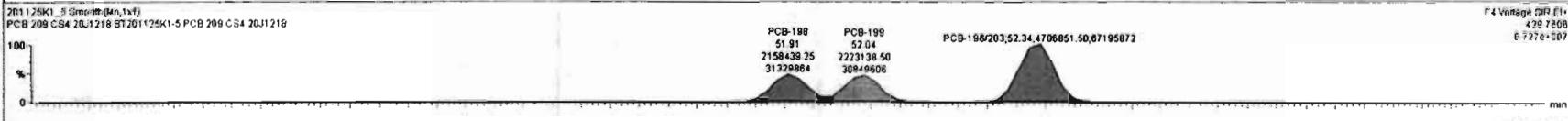
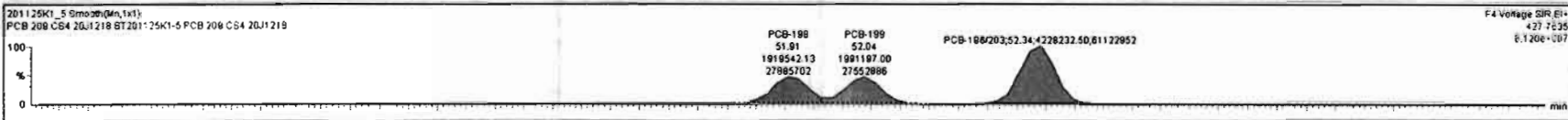
PFK4d

201125K1_5



#	Name	Resp	RA	n/y	RRF	wt/wt	Pred RT	RT	Prad R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
233	233 Total Hepta-PCBs		1.2043	1.000	0.000	1.000	0.00	0.000	0.000	NO	9740	1.48	9740		
234	234 4th Function Octa-PCBs				0.8605	1.000	0.00	0.000	0.000	NO	3756	0.267	3756		
235	235 5th Function Octa-PCBs				1.0957	1.000	0.00	0.000	0.000	NO	1213	0.178	1213		
236	236 Total Nona-PCBs		0.8071	1.000	0.000	1.000	0.00	0.000	0.000	NO	1248	0.264	1248		
237	237 Deca-CB		0.8627	1.000	0.000	1.000	0.00	0.000	0.000	NO	409.1	0.00346	409.1		
238	238 Total PCBs														
239	239 Total Mono-Isotopes														
240	240 Total Di-Isotopes														

#	Name	Pred RT	RT	ml Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.48	48.46	2.775e6	3.067e6	0.900	0.90	NO	418.74	418.74
2	155 PCB-201	48.97	48.95	2.433e6	2.716e6	0.890	0.90	NO	404.75	404.75
3	156 PCB-204	49.12	49.12	2.742e6	3.027e6	0.890	0.91	NO	429.25	429.24
4	157 PCB-197	49.44	49.42	2.611e6	2.926e6	0.890	0.89	NO	408.13	408.13
5	158 PCB-200	50.37	50.37	2.512e6	2.778e6	0.890	0.90	NO	412.50	412.50
6	159 PCB-198	51.82	51.81	1.920e6	2.156e6	0.880	0.89	NO	416.48	416.48
7	180 PCB-199	52.06	52.04	1.981e6	2.223e6	0.880	0.90	NO	424.18	424.18
8	181 PCB-196/203	52.36	52.34	4.226e6	4.707e6	0.890	0.90	NO	841.49	841.49



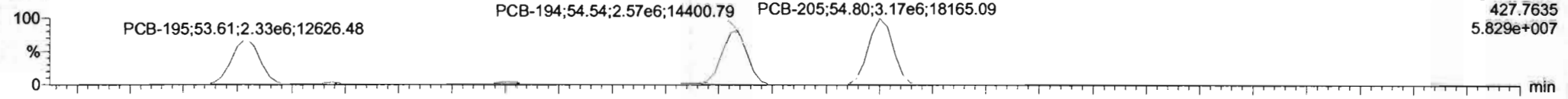
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
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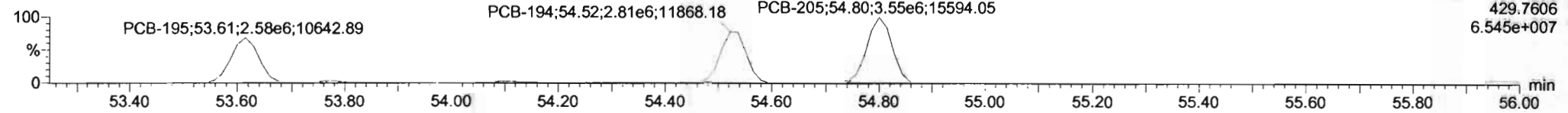
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PCB-195

201125K1_5

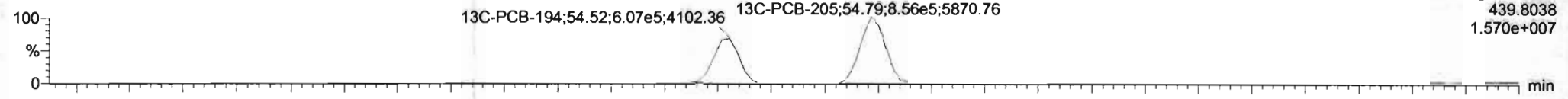


201125K1_5

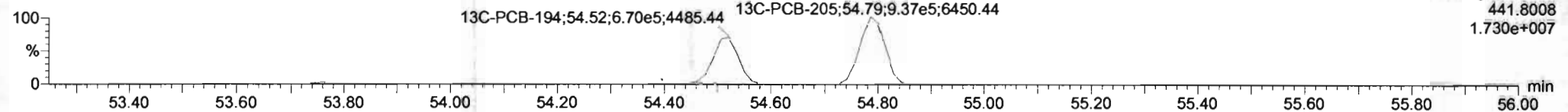


13C-PCB-194

201125K1_5

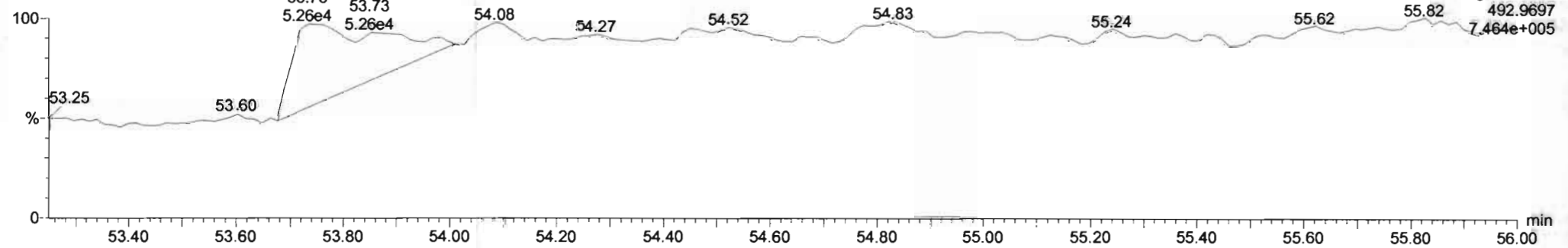


201125K1_5



PFK5a

201125K1_5



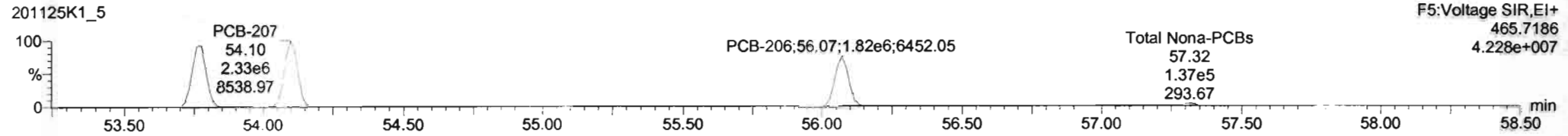
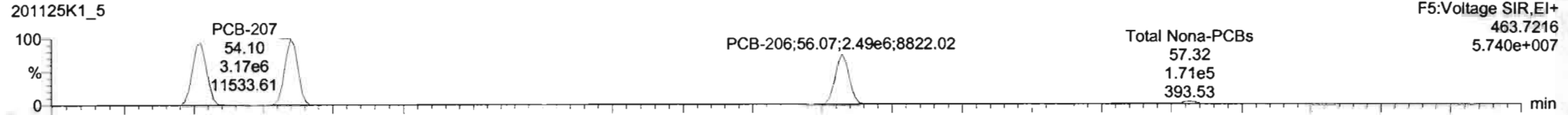
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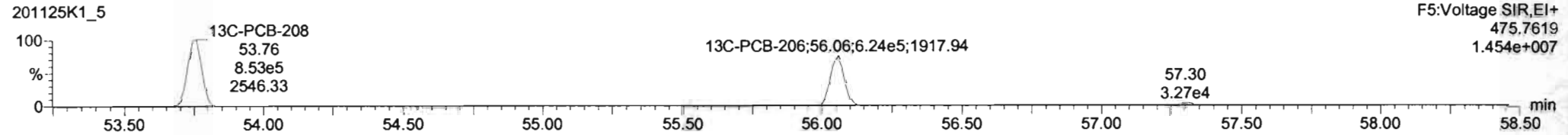
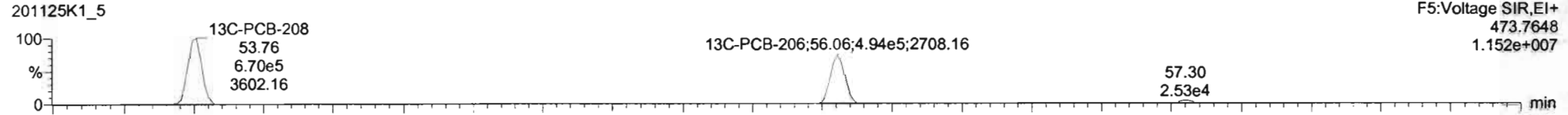
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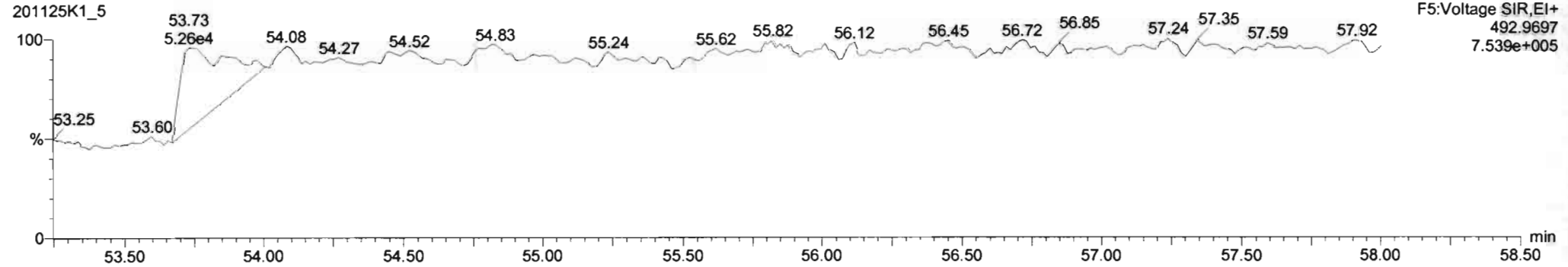
PCB-208



13C-PCB-208



PFK5



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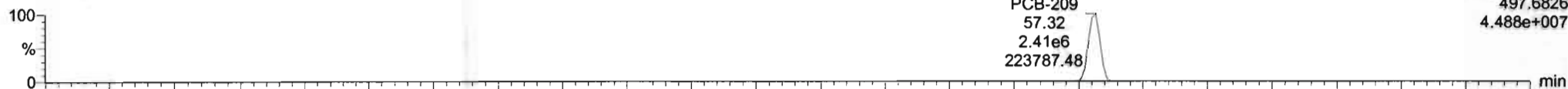
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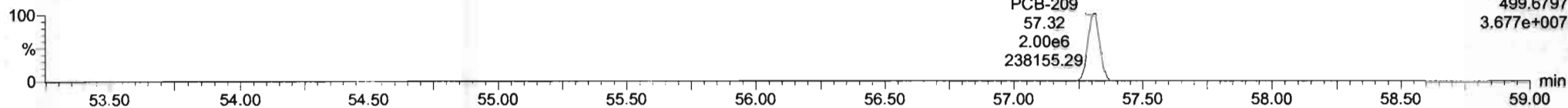
PCB-209

201125K1_5



F5:Voltage SIR,EI+
497.6826
4.488e+007

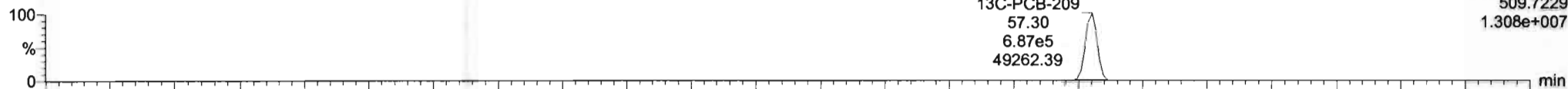
201125K1_5



F5:Voltage SIR,EI+
499.6797
3.677e+007

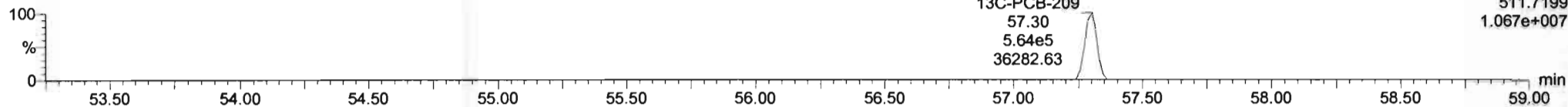
13C-PCB-209

201125K1_5



F5:Voltage SIR,EI+
509.7229
1.308e+007

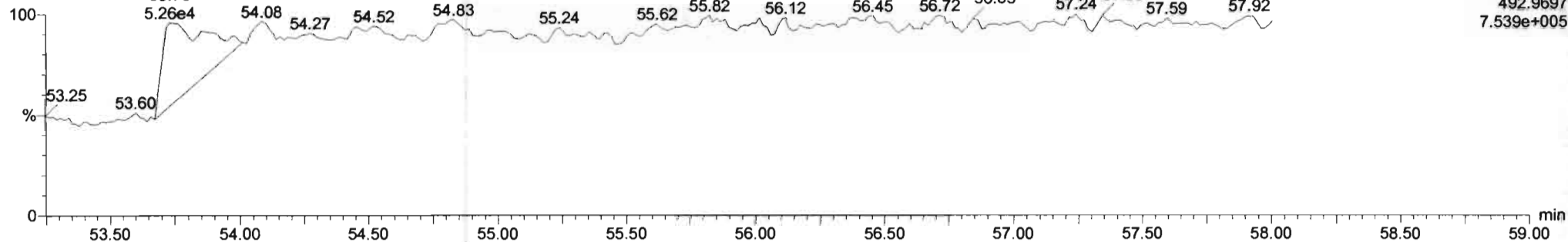
201125K1_5



F5:Voltage SIR,EI+
511.7199
1.067e+007

PFK5b

201125K1_5



F5:Voltage SIR,EI+
492.9697
7.539e+005

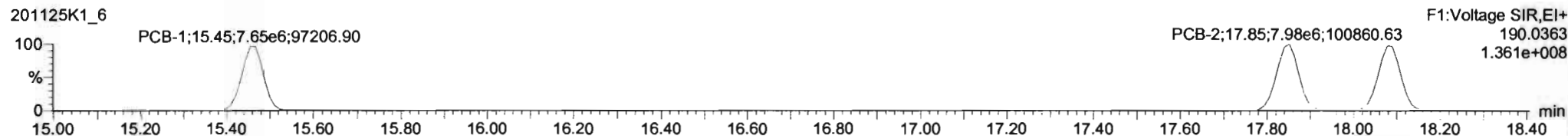
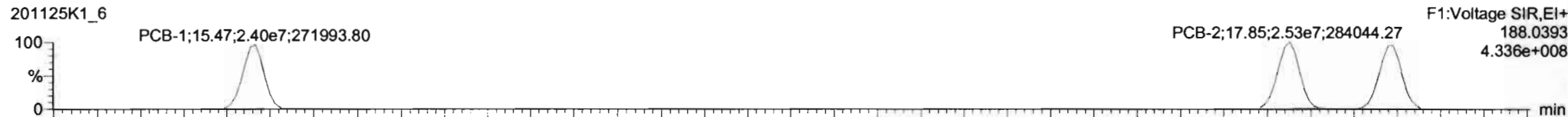
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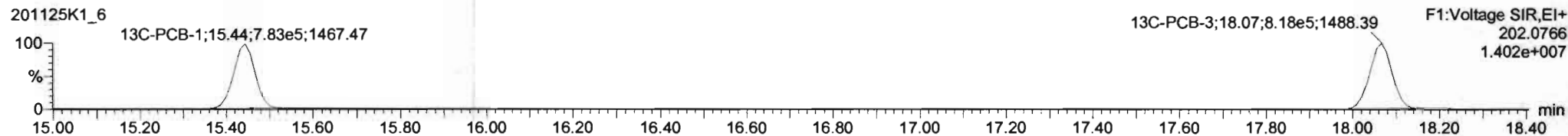
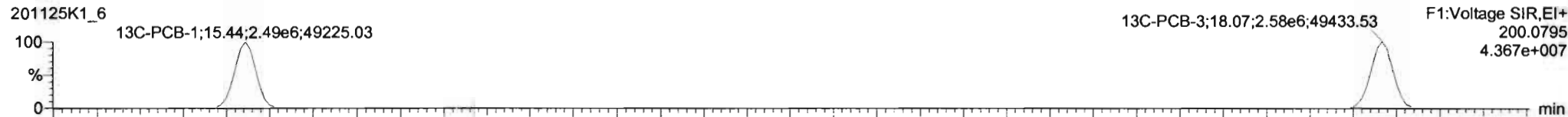
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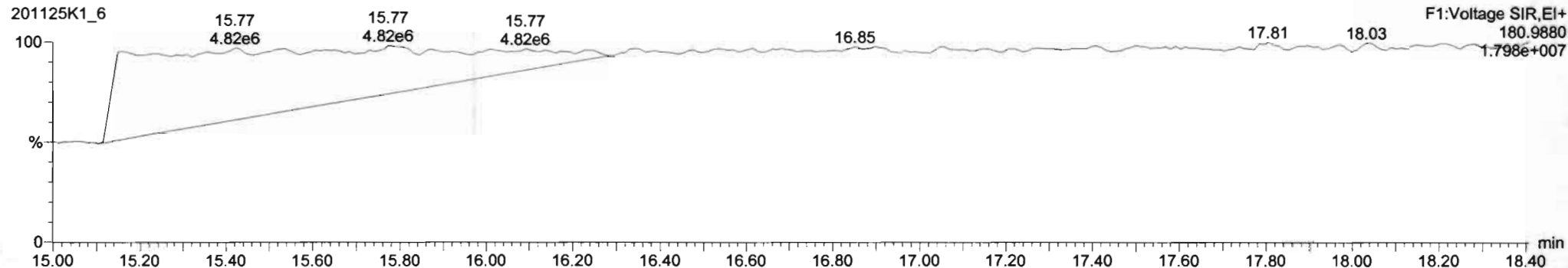
PCB-1



13C-PCB-1



PFK1

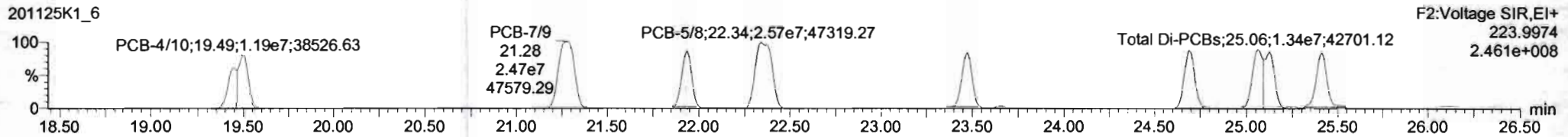
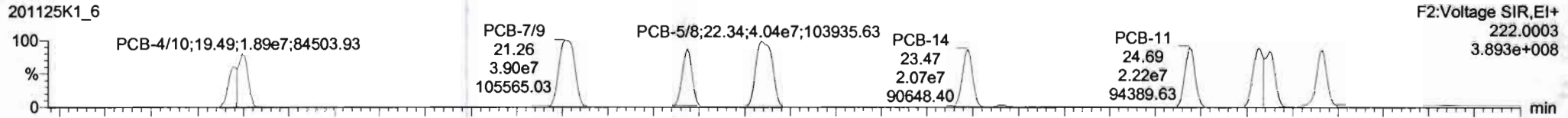


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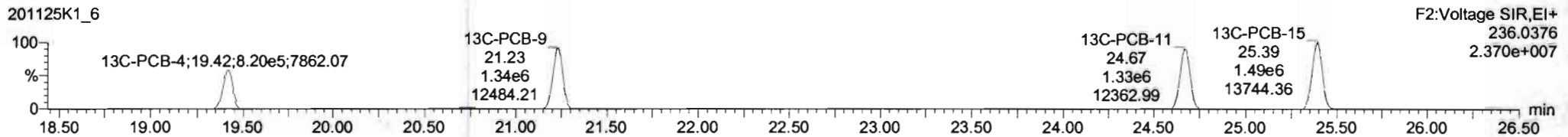
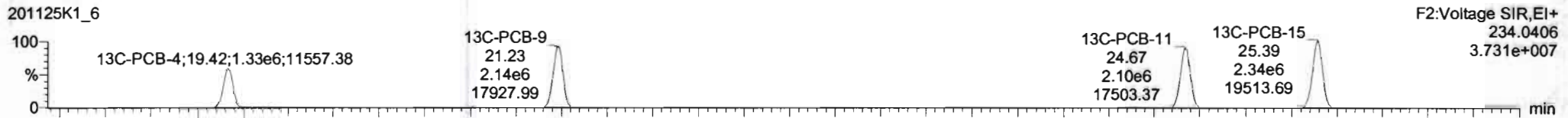
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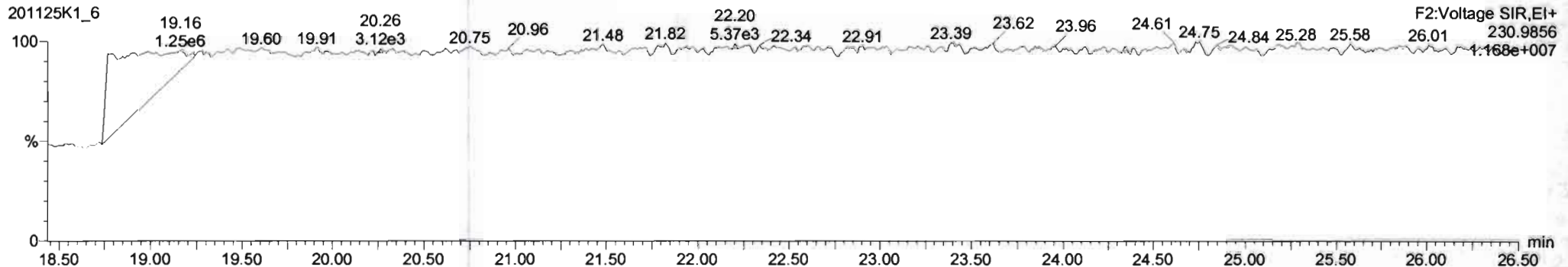
PCB-4/10



13C-PCB-4

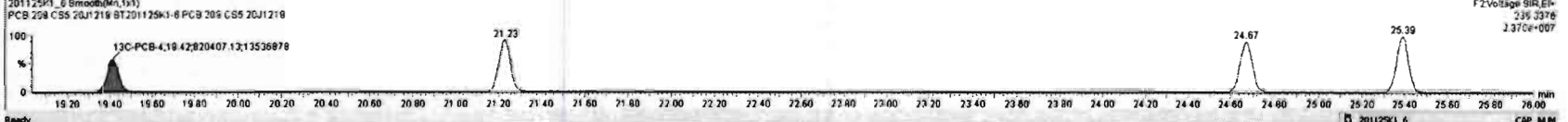
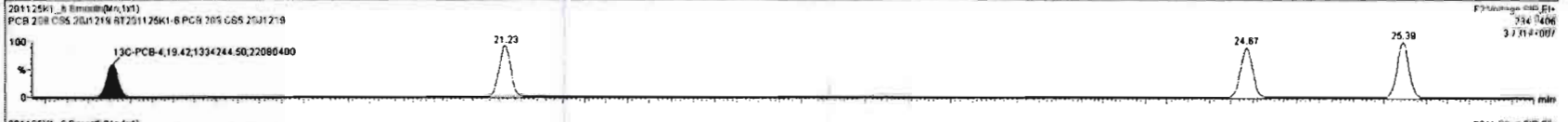
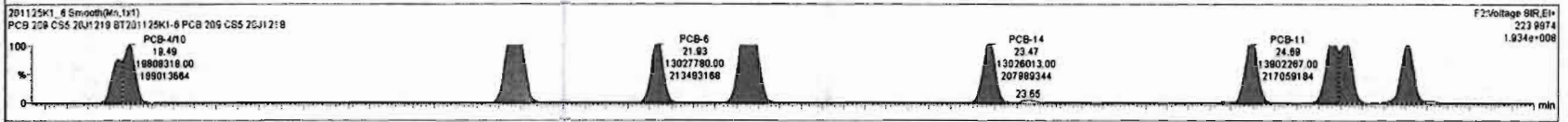
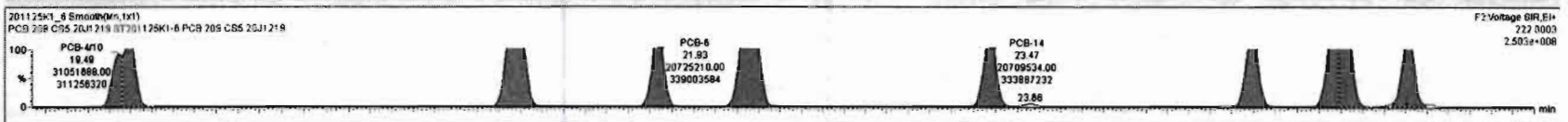


PFK2a



#	Name	Resp	RA	nly	RRF	wtAvd	Pred RT	RT	Pred_R	RRT	RRT_Fat	Conc	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	2908		0.0290	2908
225	Total Di-PCBs				1.0067	1.000	0.00		0.000		NO	11670		0.283	11670
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	7698		0.0890	7698
227	3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	15510		1.30	15510
228	Total Tetra-PCBs				0.9810	1.000	0.00		0.000		NO	41000		1.83	41000
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	38290		1.09	38290
230	4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	4726		0.236	4726
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	13890		0.281	13890

#	Name	Pred RT	RT	ret Resp	m2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc.
4	PCB-4/0	19.50	19.49	3.105e7	1.981e7	1.560	1.57	NO	1955.0	1955.0
5	PCB-7/0	21.29	21.26	3.902e7	2.485e7	1.560	1.58	NO	1949.9	1949.9
6	PCB-6	21.84	21.83	2.073e7	1.303e7	1.560	1.58	NO	974.02	974.02
7	PCB-5/8	22.34	22.34	4.037e7	2.574e7	1.560	1.57	NO	1949.1	1949.1
8	PCB-14	23.46	23.47	2.071e7	1.303e7	1.560	1.59	NO	980.81	980.81
9	PCB-11	24.89	24.89	2.217e7	1.390e7	1.560	1.60	NO	942.21	942.21
10	PCB-12/3	25.12	25.05	4.148e7	2.632e7	1.560	1.59	NO	1939.3	1939.3
11	PCB-15	25.40	25.41	2.136e7	1.349e7	1.560	1.58	NO	998.90	998.90

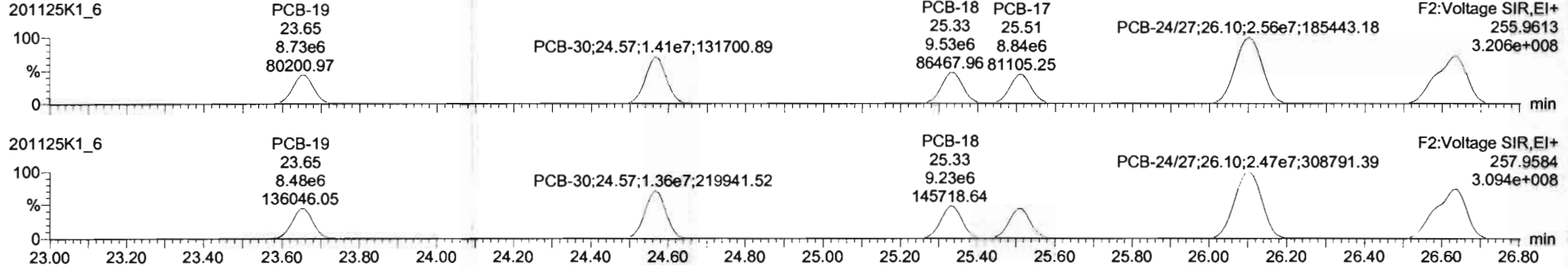


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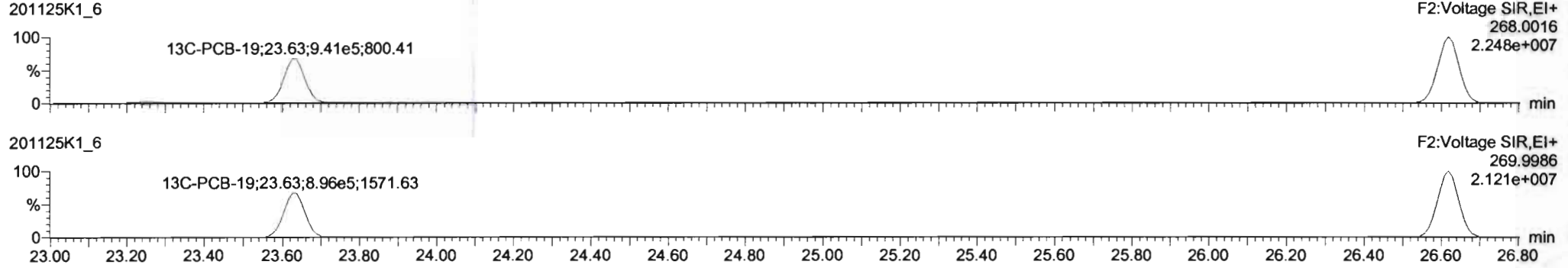
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Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

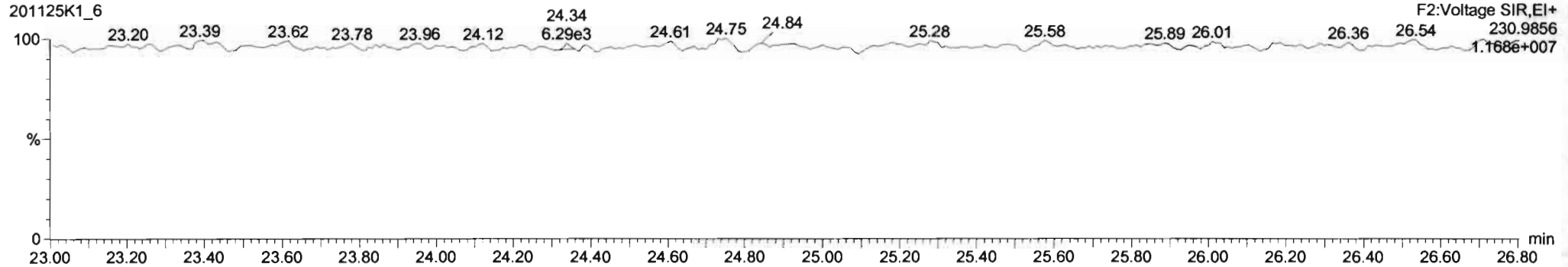
PCB-19



13C-PCB-19



PFK2b

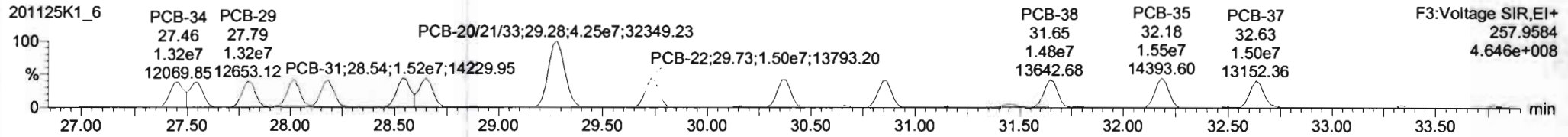
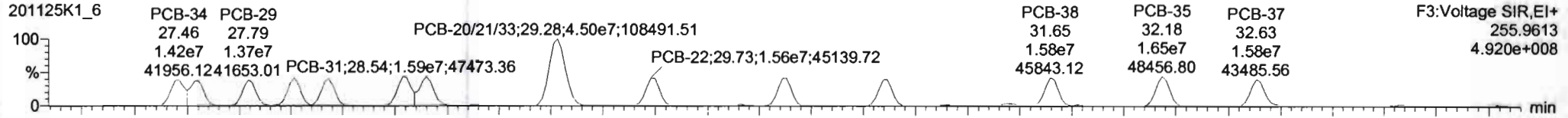


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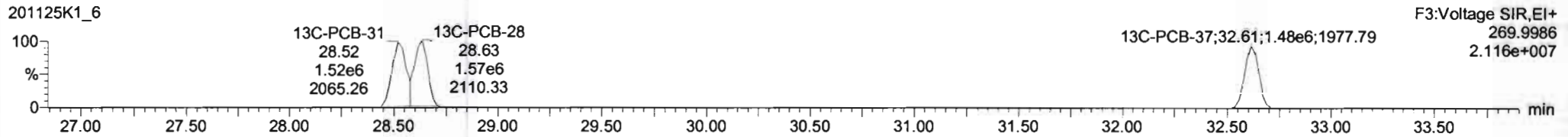
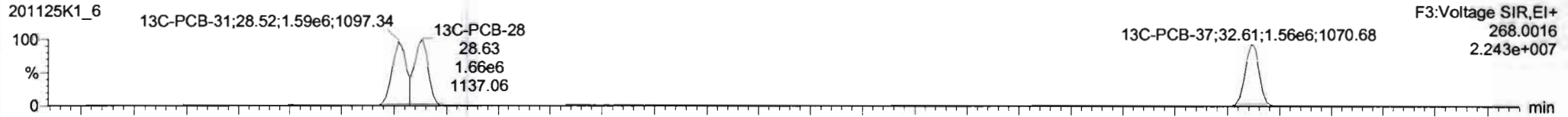
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

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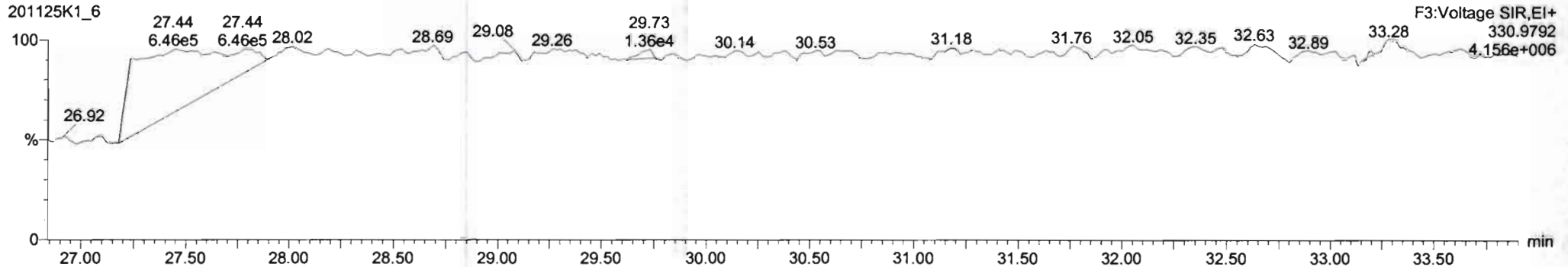
PCB-34

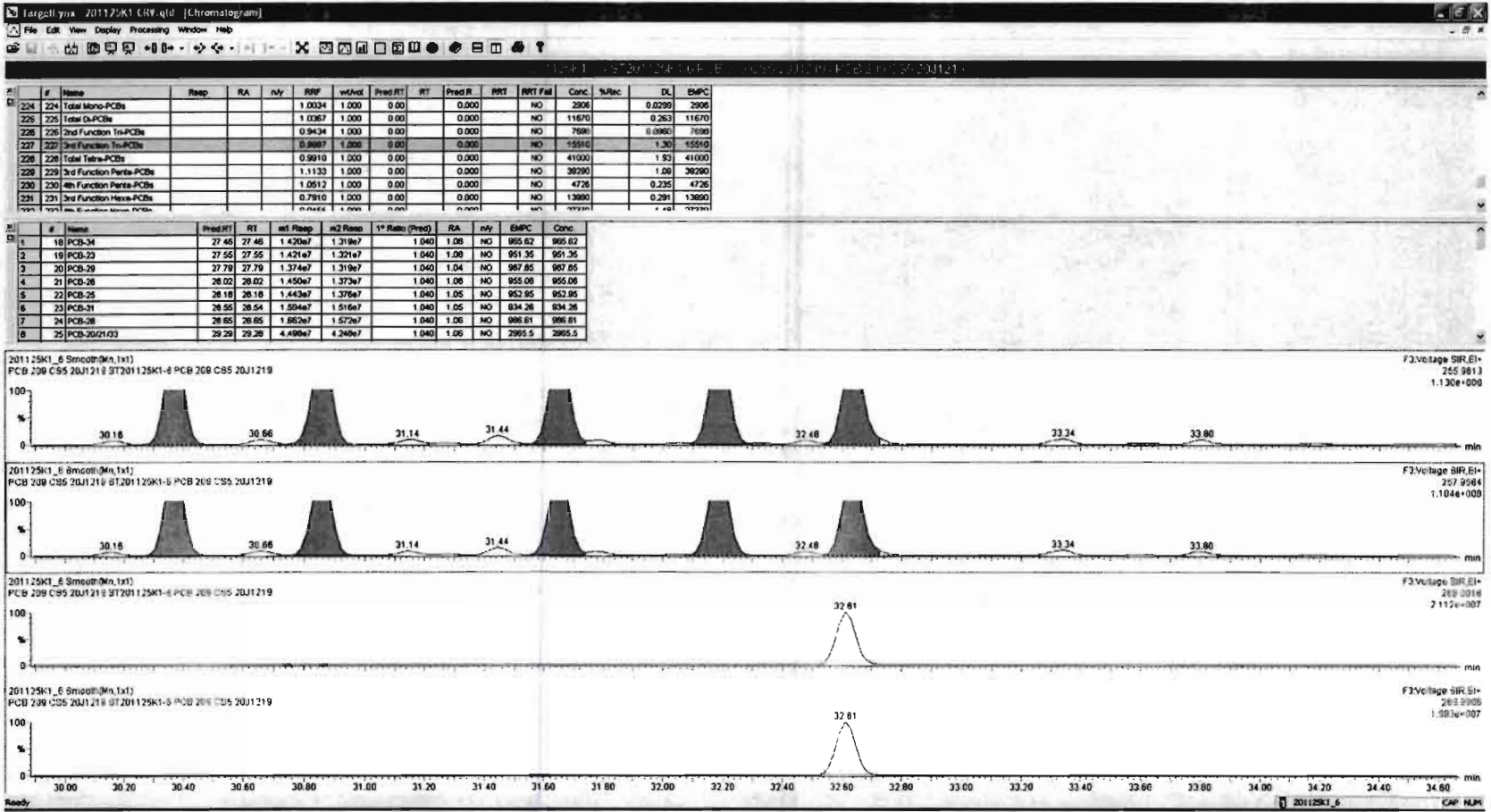


13C-PCB-28



PFK3d





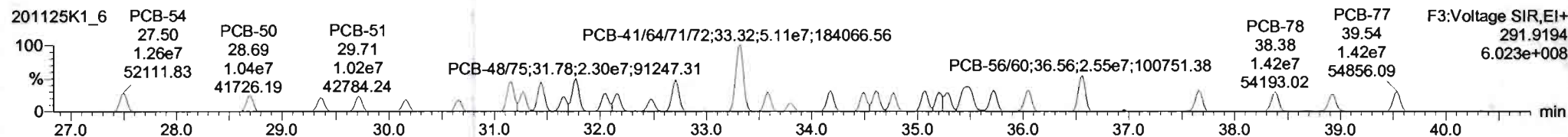
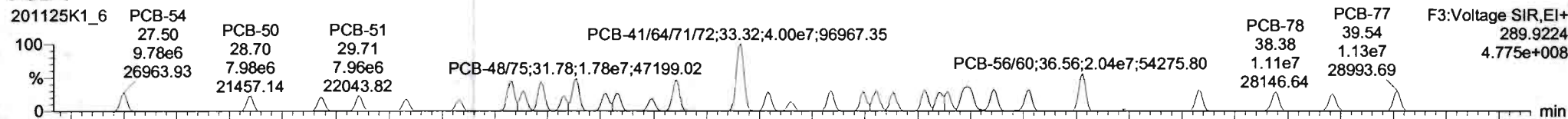
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

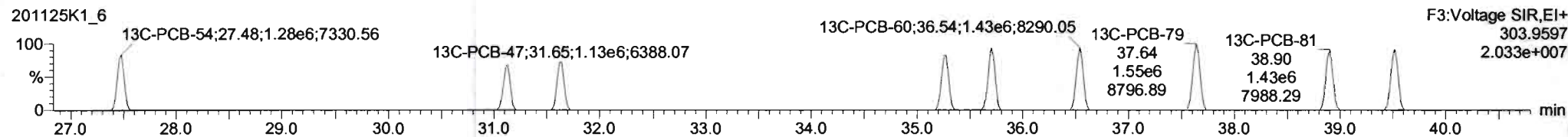
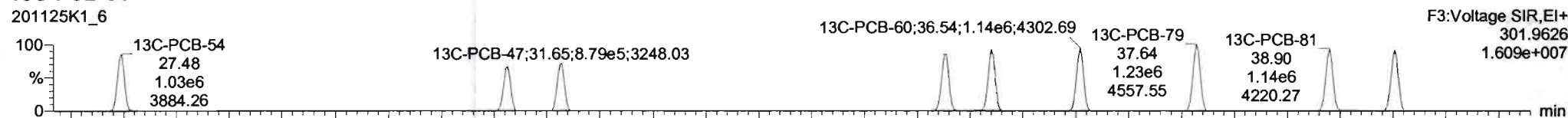
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Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

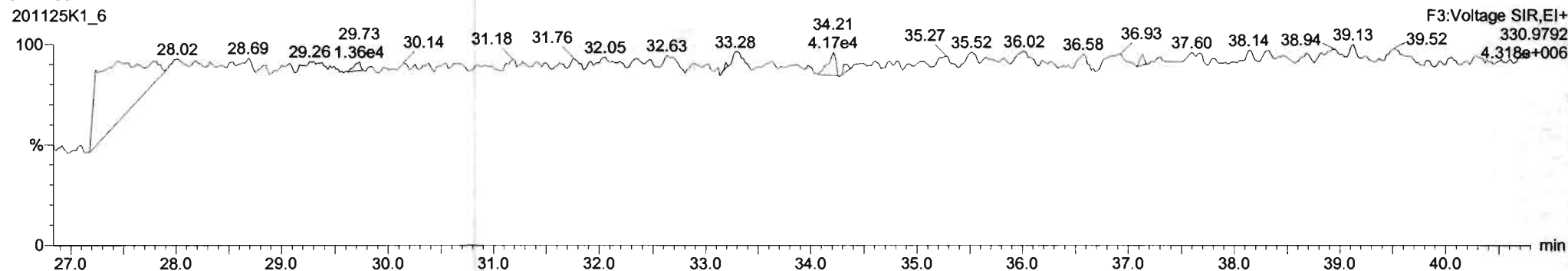
PCB-54



13C-PCB-54



PFK3a



Dataset: Untitled

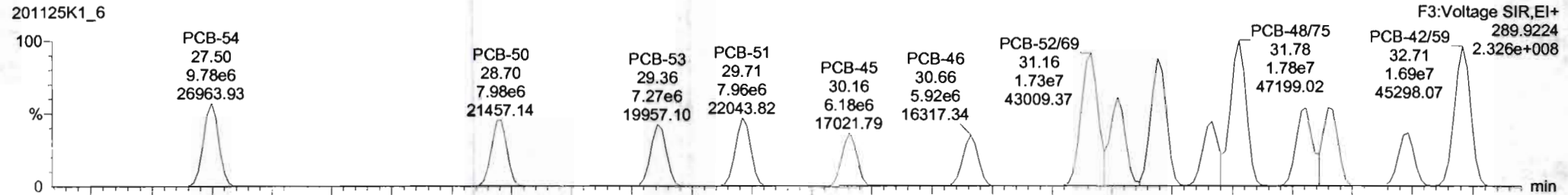
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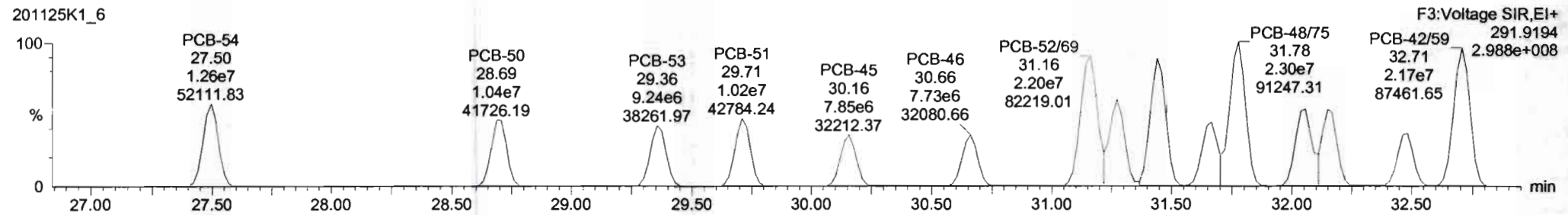
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PCB-50

201125K1_6



201125K1_6

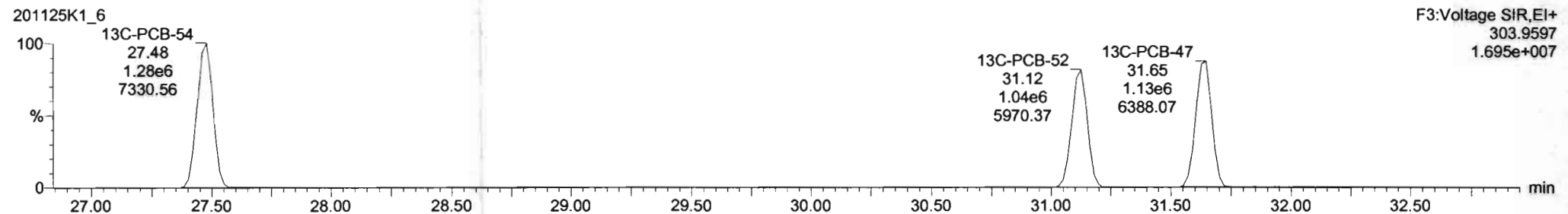


13C-PCB-52

201125K1_6



201125K1_6



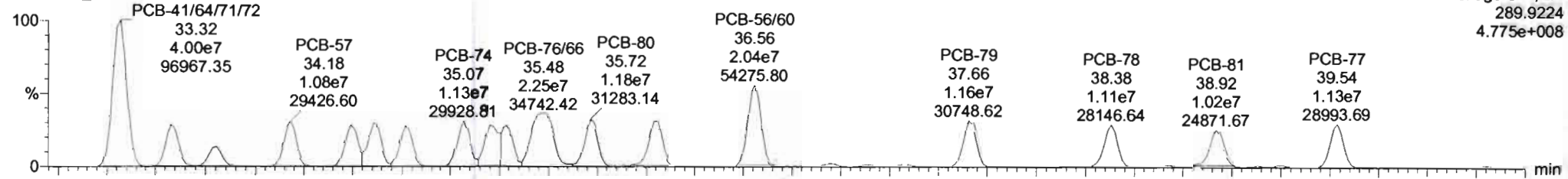
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

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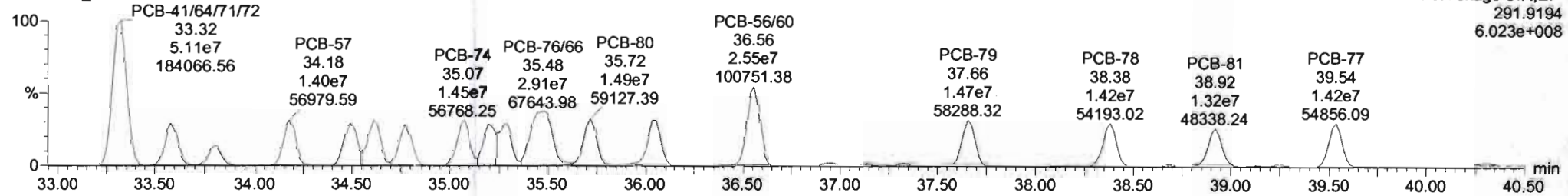
PCB-68

201125K1_6



F3:Voltage SIR,EI+
289.9224
4.775e+008

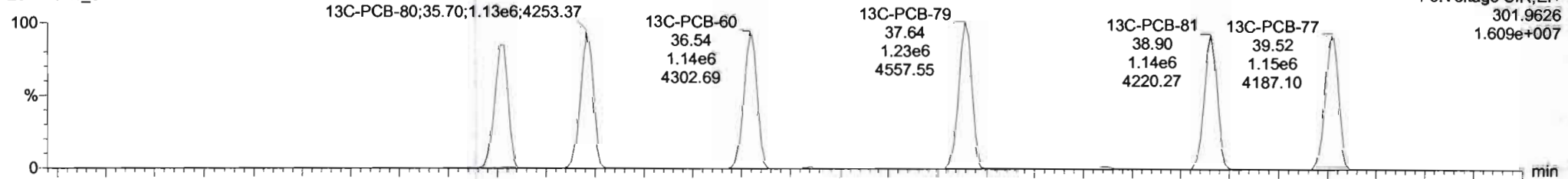
201125K1_6



F3:Voltage SIR,EI+
291.9194
6.023e+008

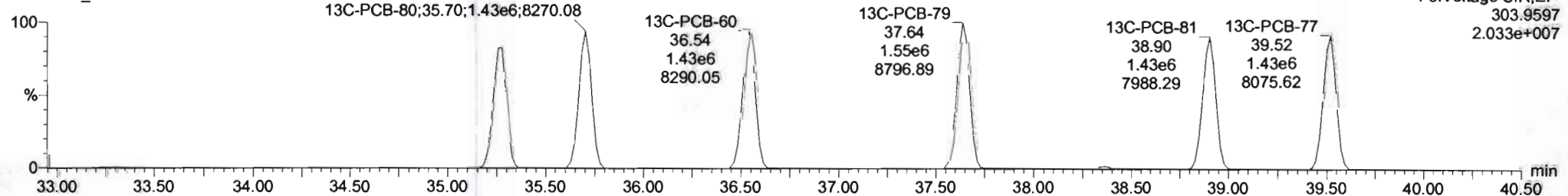
13C-PCB-60

201125K1_6



F3:Voltage SIR,EI+
301.9626
1.609e+007

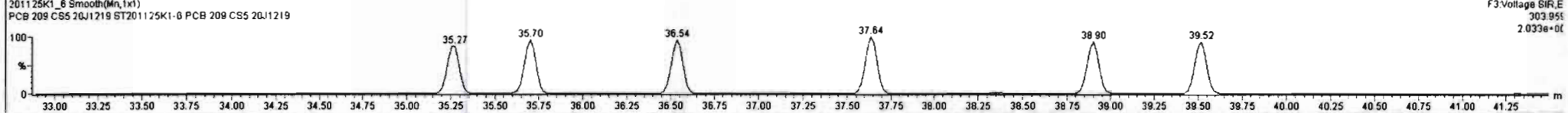
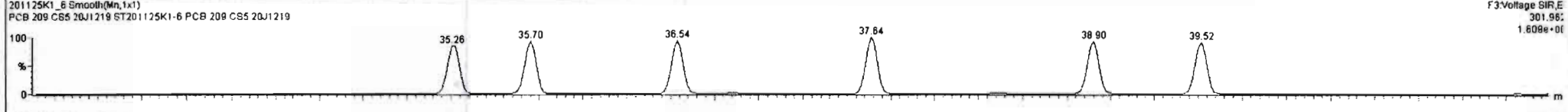
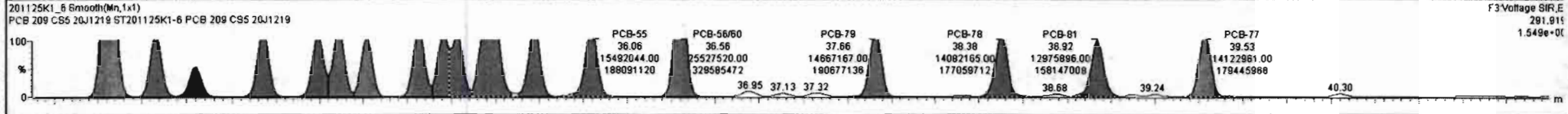
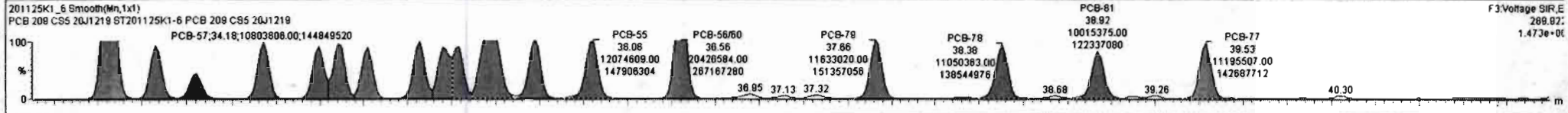
201125K1_6



F3:Voltage SIR,EI+
303.9597
2.033e+007

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	2906		0.0299	2906
225	Total Di-PCBs				1.0367	1.000	0.00		0.000		NO	11670		0.263	11670
226	2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	7698		0.0960	7698
227	3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	15510		1.30	15510
228	Total Tetra-PCBs				0.9810	1.000	0.00		0.000		NO	41000		1.93	41000
229	3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	39290		1.09	39290
230	4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	4726		0.235	4726
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	13990		0.291	13990

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
32	PCB-54	27.50	27.50	9.781e6	1.262e7	0.770	0.77	NO	993.80	993.80
33	PCB-50	28.70	28.70	7.979e6	1.036e7	0.770	0.77	NO	987.58	987.58
34	PCB-53	29.38	29.38	7.271e6	9.240e6	0.770	0.79	NO	948.80	948.81
35	PCB-51	29.71	29.71	7.955e6	1.021e7	0.770	0.78	NO	978.43	978.43
36	PCB-45	30.17	30.18	6.183e6	7.849e6	0.770	0.79	NO	941.49	941.49
37	PCB-46	30.86	30.86	5.824e6	7.734e6	0.770	0.77	NO	954.58	954.58
38	PCB-52/69	31.18	31.18	1.728e7	2.204e7	0.770	0.78	NO	1956.5	1956.5
39	PCB-73	31.27	31.27	1.069e7	1.352e7	0.770	0.79	NO	997.95	997.95

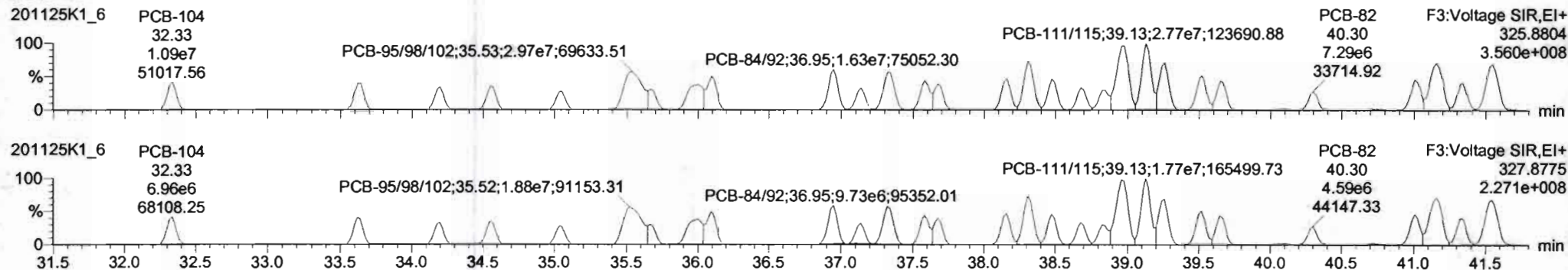


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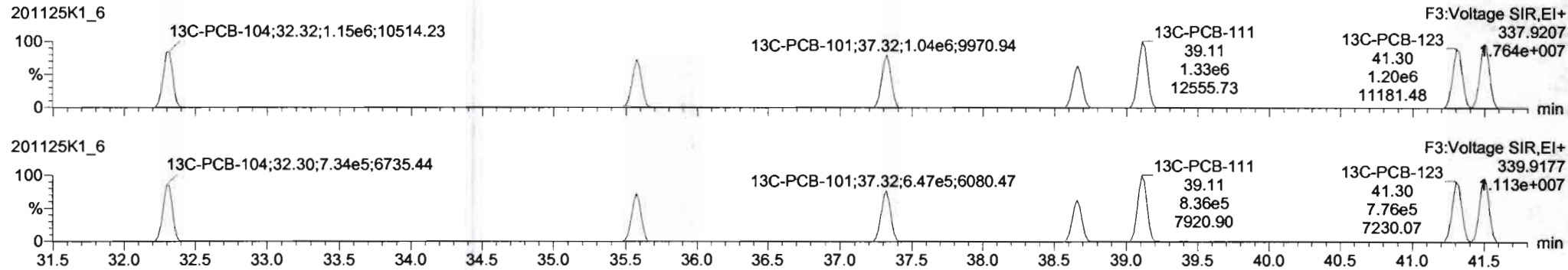
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

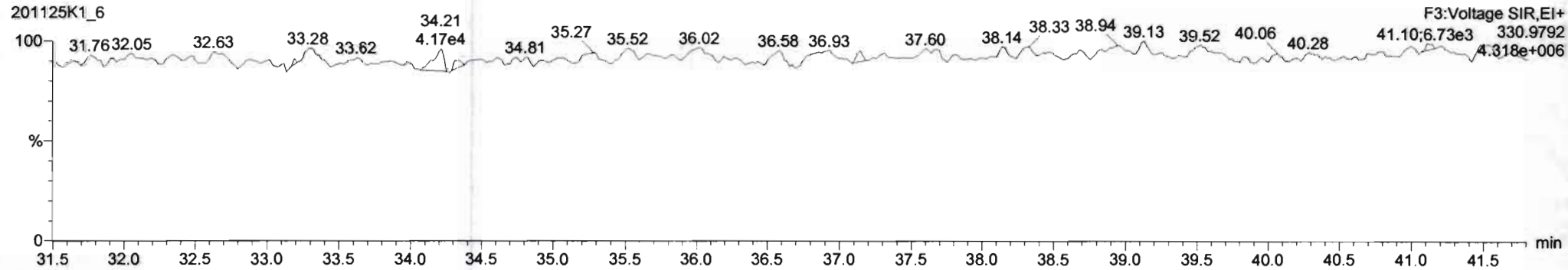
PCB-104



13C-PCB-104



PFK3b

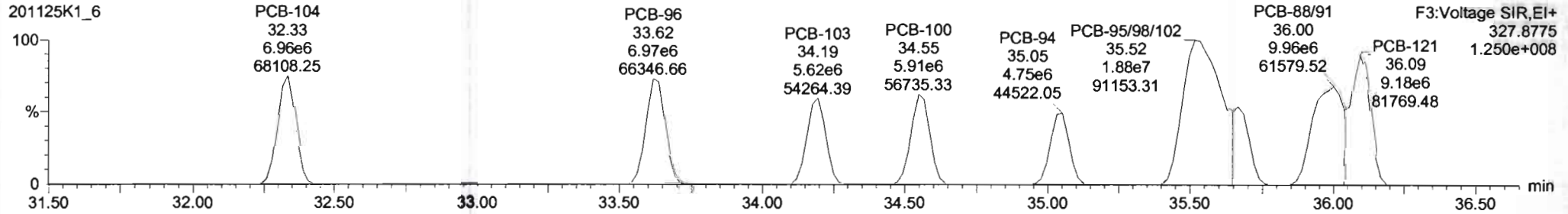
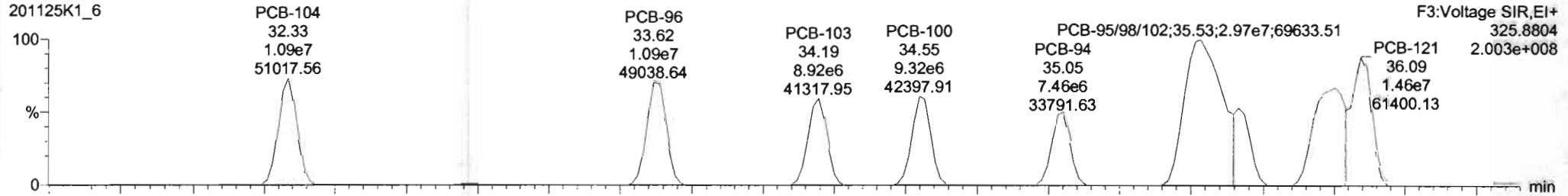


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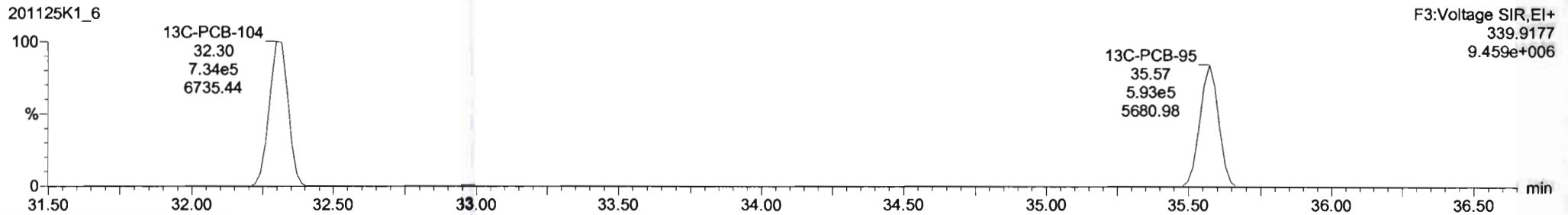
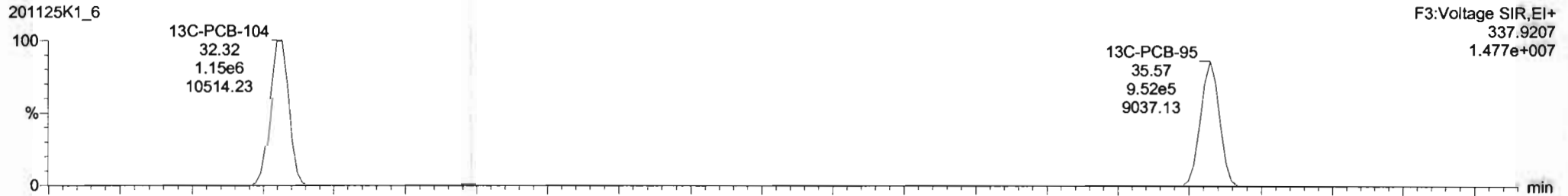
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

PCB-96



13C-PCB-95

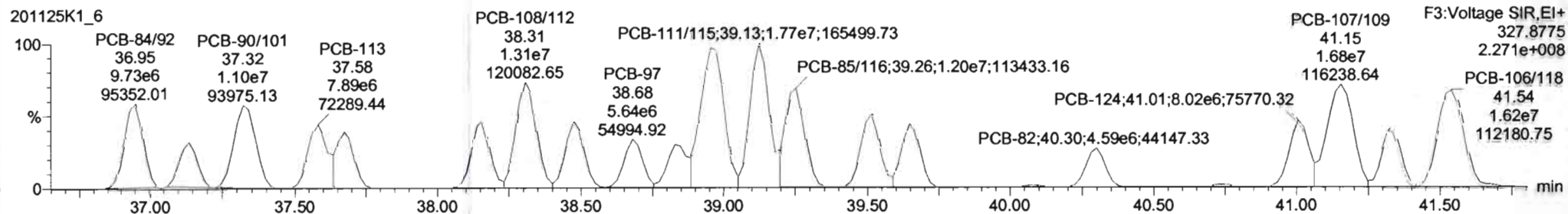
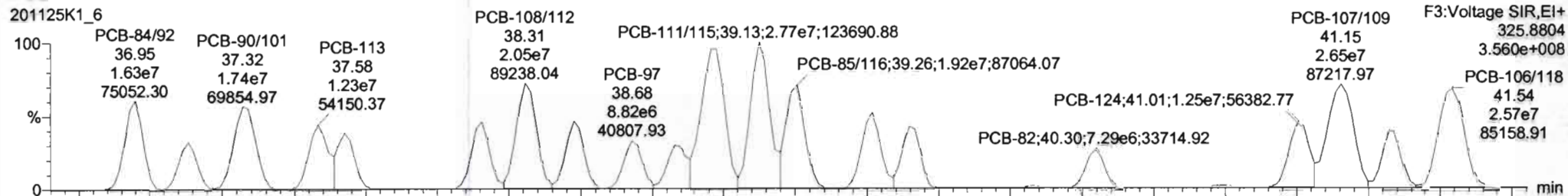


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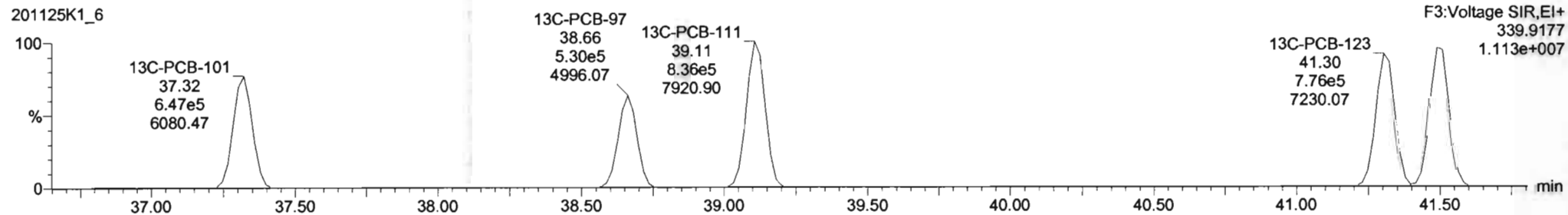
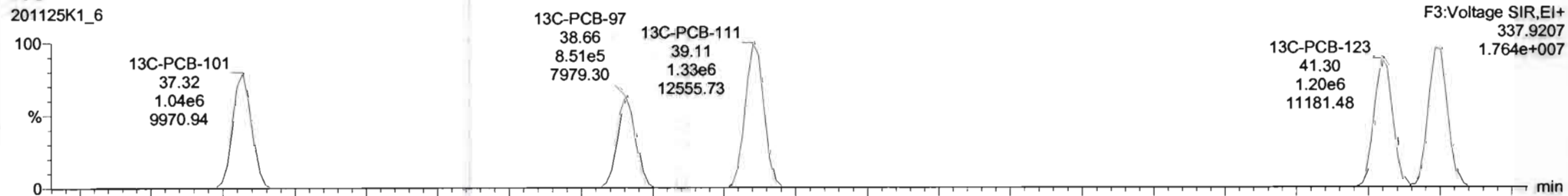
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

PCB-119

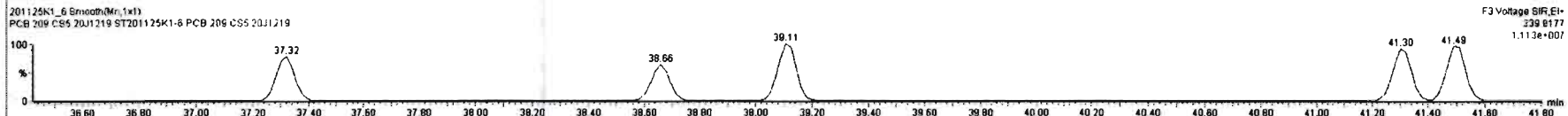
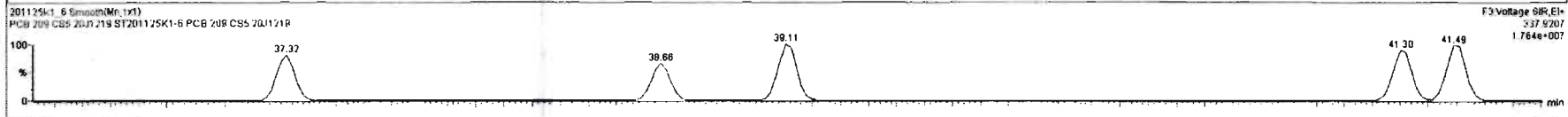
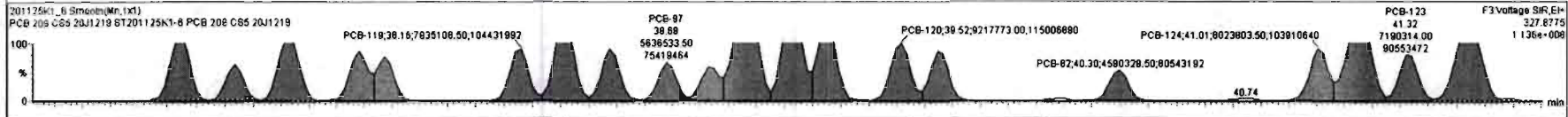
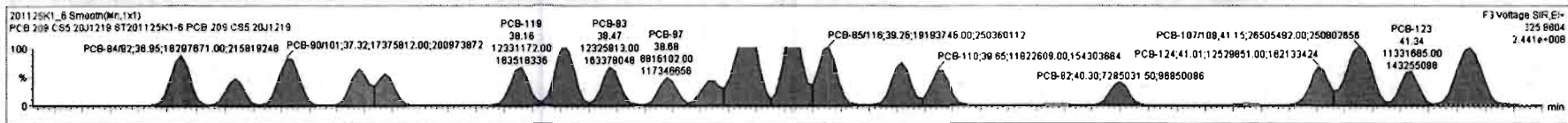


13C-PCB-111



#	Name	Resp	RA	nly	RRF	wtWet	Pred.RT	RT	Pred.R	RRT	RRT.Fall	Conc.	%Rec	DL	EMPC
224	Total Mono-PCBs				1.0034	1.000	0.00	0.000	0.000		NO	2908	0.0298	2906	
225	Total Di-PCBs				1.0367	1.000	0.00	0.000	0.000		NO	11670	0.263	11670	
226	2nd Function Tri-PCBs				0.9434	1.000	0.00	0.000	0.000		NO	7698	0.0960	7698	
227	3rd Function Tri-PCBs				0.9687	1.000	0.00	0.000	0.000		NO	15510	1.30	15510	
228	Total Tetra-PCBs				0.9910	1.000	0.00	0.000	0.000		NO	41000	1.83	41000	
229	3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000	0.000		NO	30290	1.00	30290	
230	4th Function Penta-PCBs				1.0512	1.000	0.00	0.000	0.000		NO	4726	0.235	4726	
231	3rd Function Hexa-PCBs				0.7910	1.000	0.00	0.000	0.000		NO	13980	0.291	13980	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	* Ratio (Pred)	RA	nly	EMPC	Conc.
1	64 PCB-104	32.33	32.33	1.094e7	8.955e6	1.560	1.57	NO	965.79	965.79
2	65 PCB-96	33.63	33.62	1.094e7	8.957e6	1.560	1.57	NO	964.99	964.99
3	66 PCB-103	34.19	34.19	8.918e6	5.622e6	1.560	1.58	NO	1000.5	1000.5
4	67 PCB-100	34.56	34.55	9.322e6	5.906e6	1.560	1.58	NO	1002.1	1002.1
5	68 PCB-94	35.05	35.05	7.462e6	4.750e6	1.560	1.57	NO	951.83	951.83
6	69 PCB-85/96/102	35.52	35.53	2.970e7	1.877e7	1.560	1.58	NO	2930.6	2930.6
7	70 PCB-83	35.87	35.87	6.674e6	4.149e6	1.590	1.81	NO	820.18	820.19
8	71 PCB-86/91	36.00	36.00	1.590e7	9.957e6	1.590	1.57	NO	1817.4	1817.4



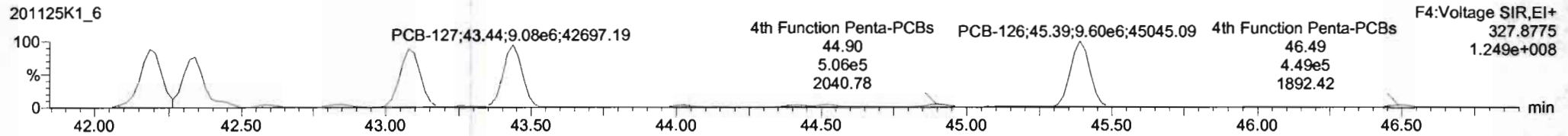
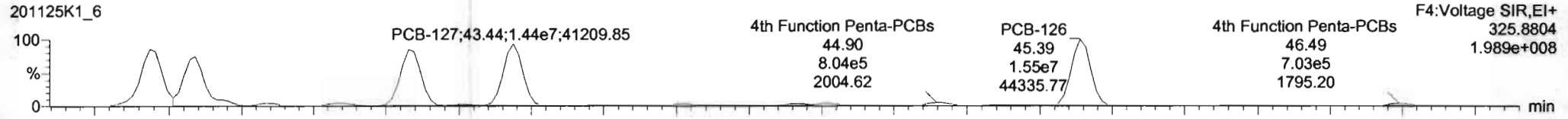
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Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

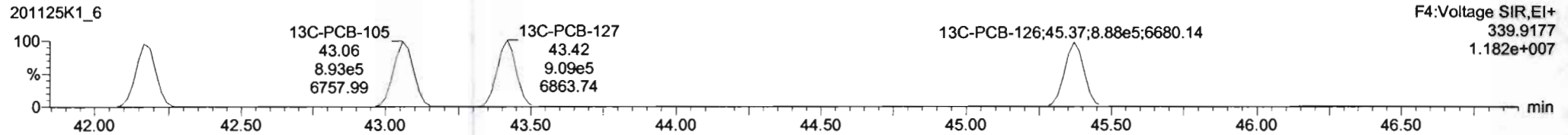
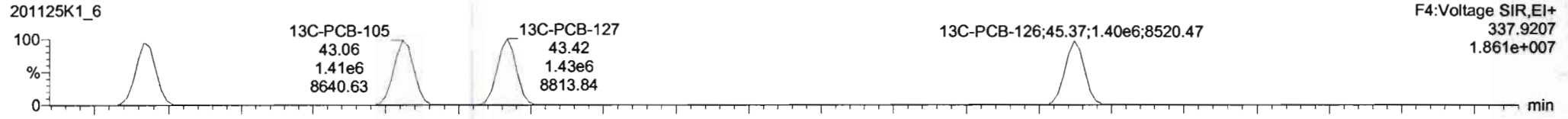
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Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

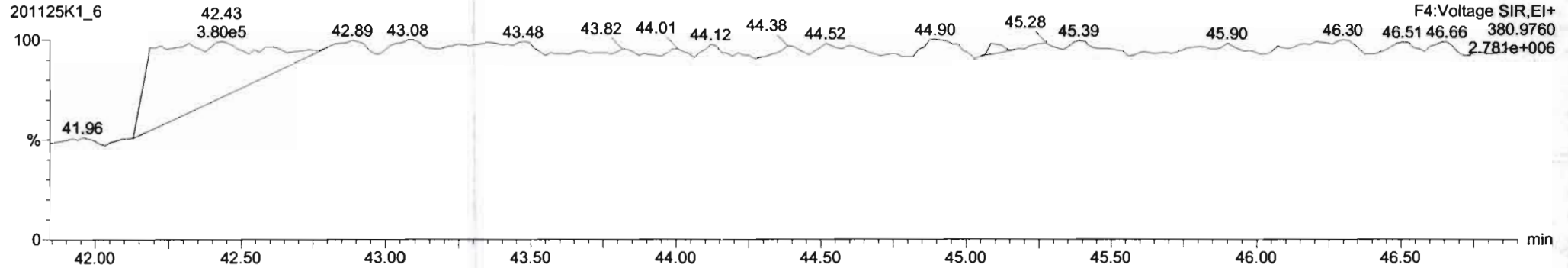
PCB-114



13C-PCB-114

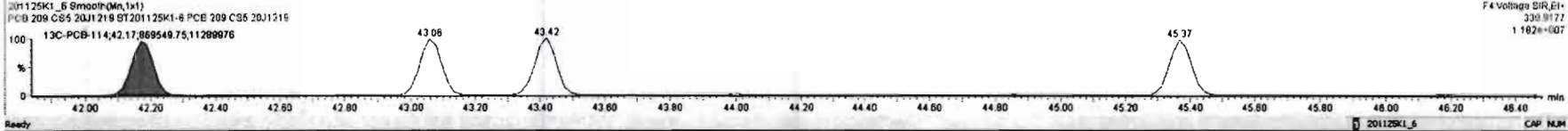
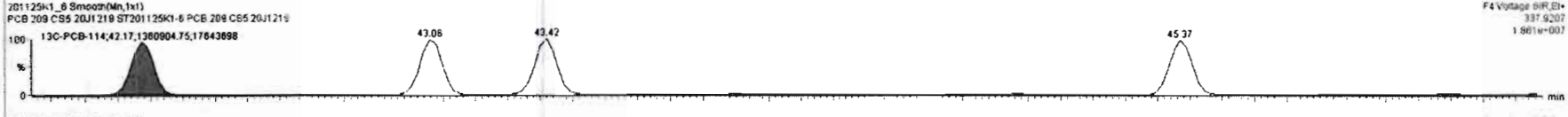
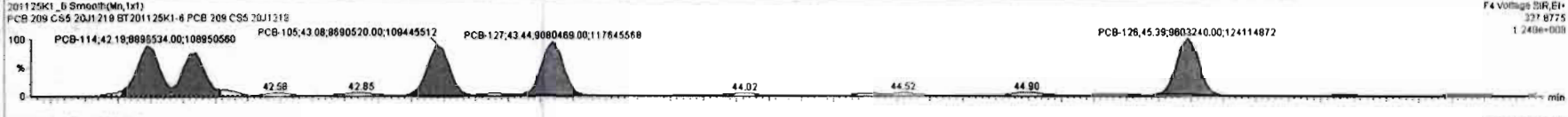
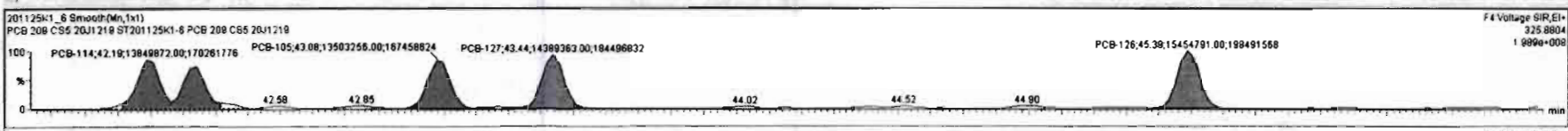


PFK4a



#	Name	Resp	RA	n/y	RR	wt/Vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	Dt	EMPC
224	224 Total Mono-PCBs				1.0034	1.000	0.00		0.000		NO	2906		0.0299	2906
225	225 Total Di-PCBs				1.0067	1.000	0.00		0.000		NO	11670		0.263	11670
226	226 2nd Function Tri-PCBs				0.9434	1.000	0.00		0.000		NO	7698		0.0960	7698
227	227 3rd Function Tri-PCBs				0.9687	1.000	0.00		0.000		NO	15510		1.30	15510
228	228 Total Tetra-PCBs				0.9910	1.000	0.00		0.000		NO	41000		1.93	41000
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00		0.000		NO	39290		1.09	39290
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00		0.000		NO	4726		0.236	4726
231	231 3rd Function Hexa-PCBs				0.7910	1.000	0.00		0.000		NO	13990		0.291	13990

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Cruc
1	93 PCB-114	42.19	42.19	1.365e7	8.807e6	1.560	1.56	NO	940.84	940.84
2	94 PCB-122	42.34	42.34	1.190e7	7.609e6	1.560	1.56	NO	947.76	947.76
3	95 PCB-105	43.08	43.08	1.350e7	8.691e6	1.550	1.55	NO	932.52	932.52
4	96 PCB-127	43.44	43.44	1.439e7	9.000e6	1.560	1.56	NO	951.49	951.49
5	97 PCB-126	45.39	45.39	1.545e7	9.603e6	1.560	1.61	NO	952.93	952.93



Dataset: Untitled

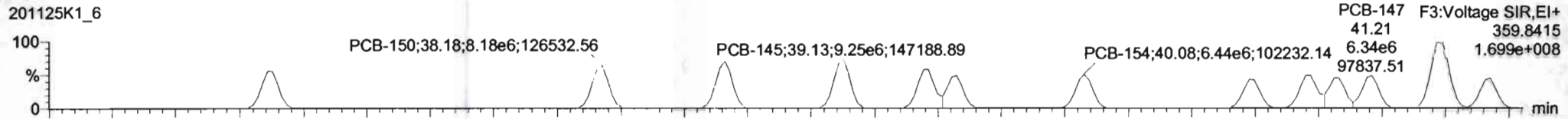
Last Altered: Thursday, November 26, 2020 06:56:44 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

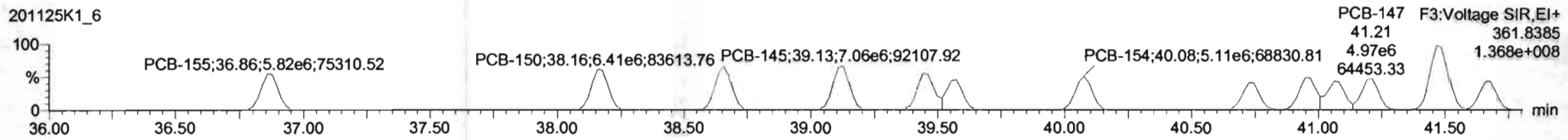
Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

PCB-155

201125K1_6

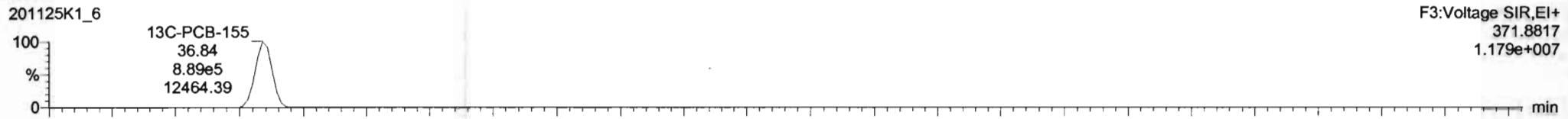


201125K1_6

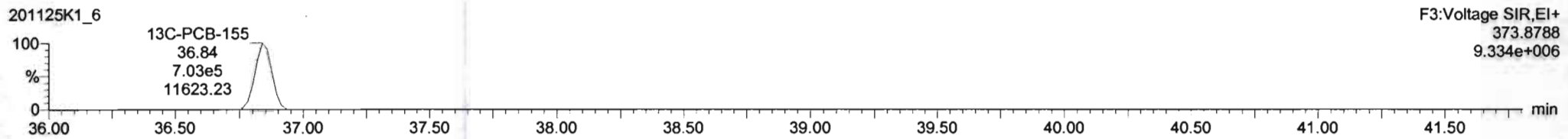


13C-PCB-155

201125K1_6

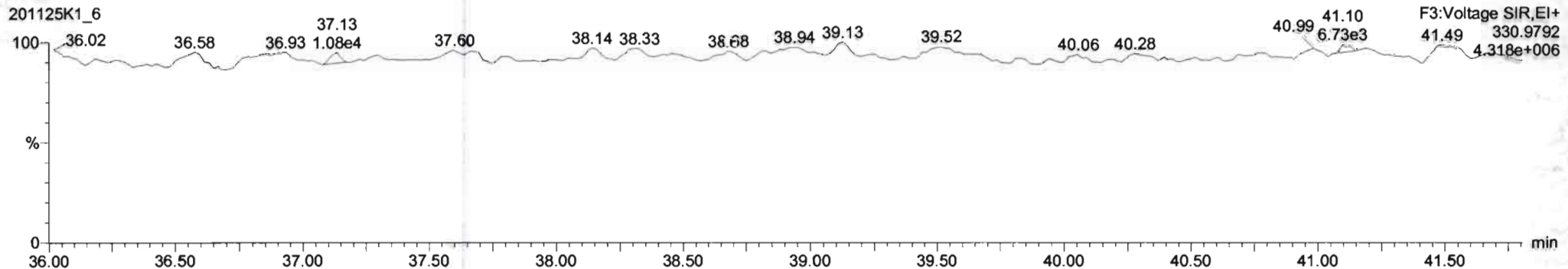


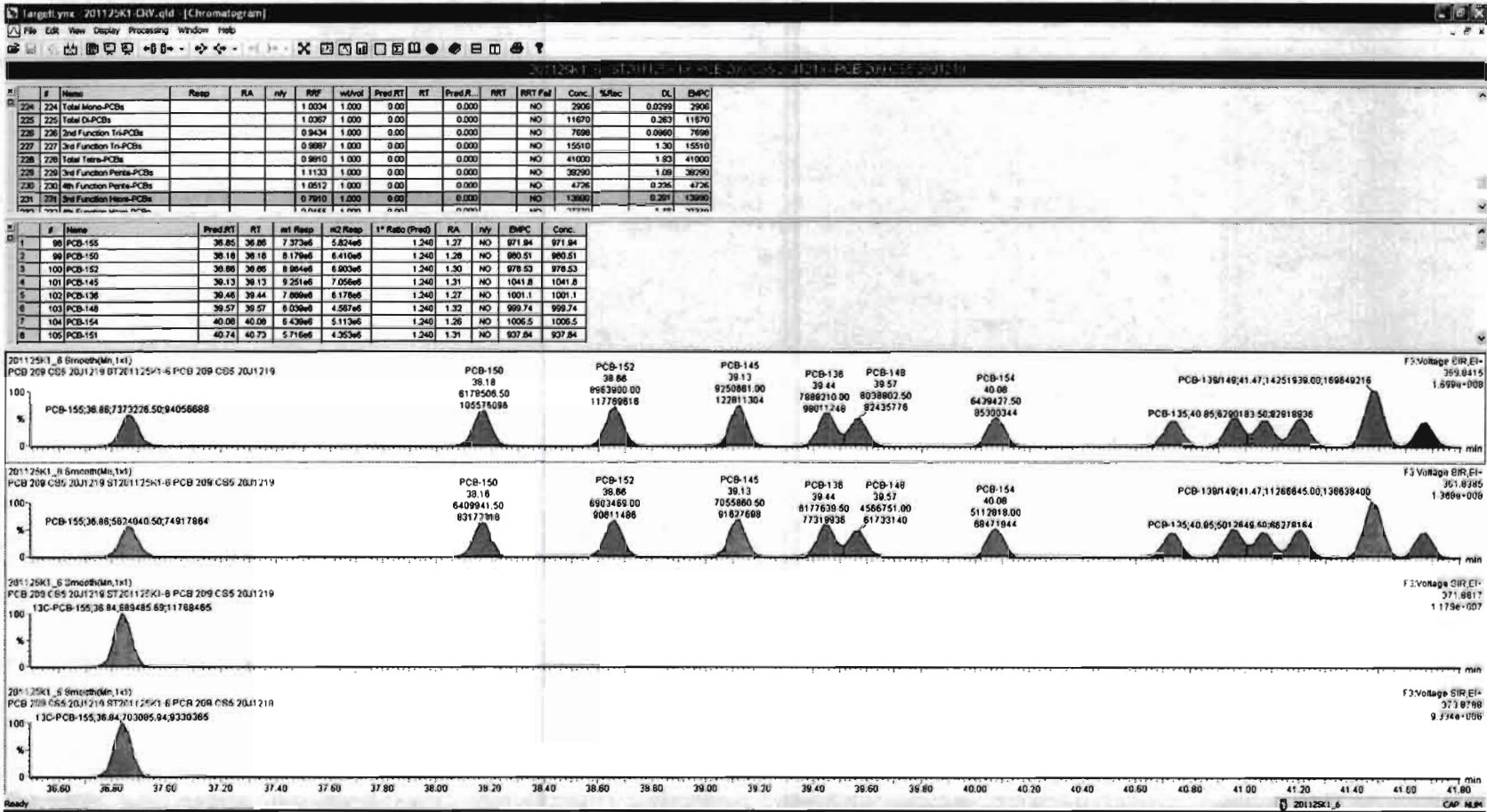
201125K1_6



PFK3c

201125K1_6





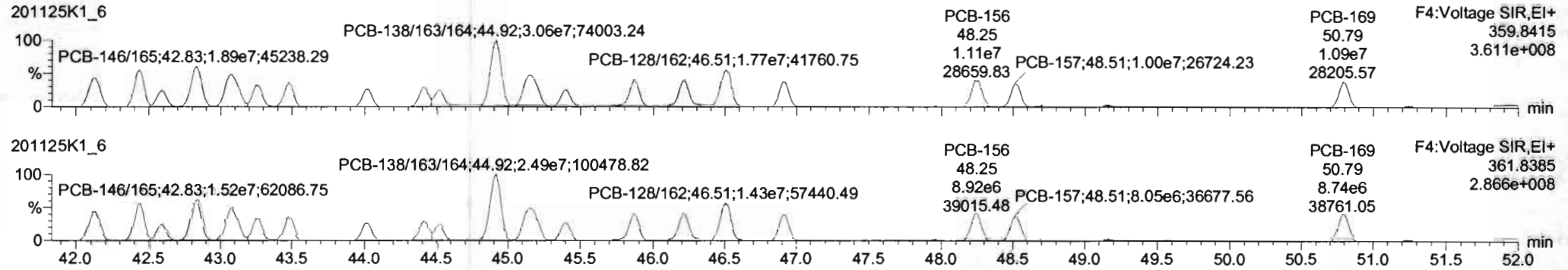
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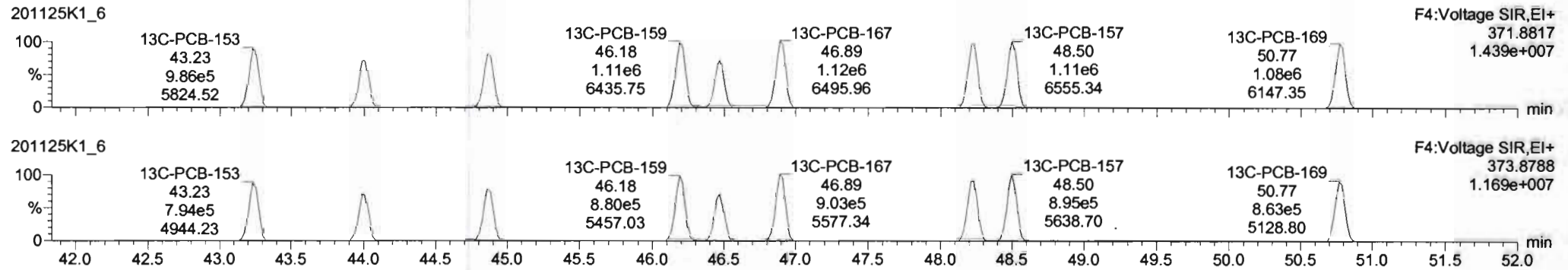
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Name: 201125K1_6, Date: 25-Nov-2020, Time: 14:49:20, ID: ST201125K1-6 PCB 209 CS5 20J1219, Description: PCB 209 CS5 20J1219

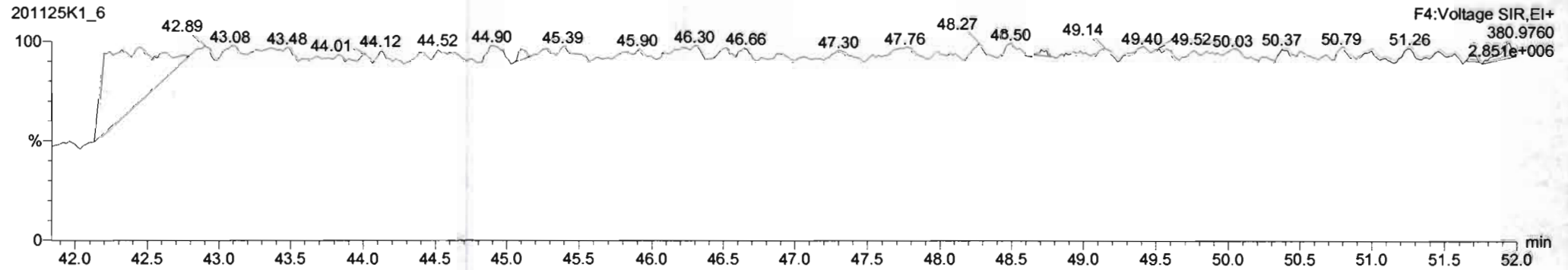
PCB-134/143

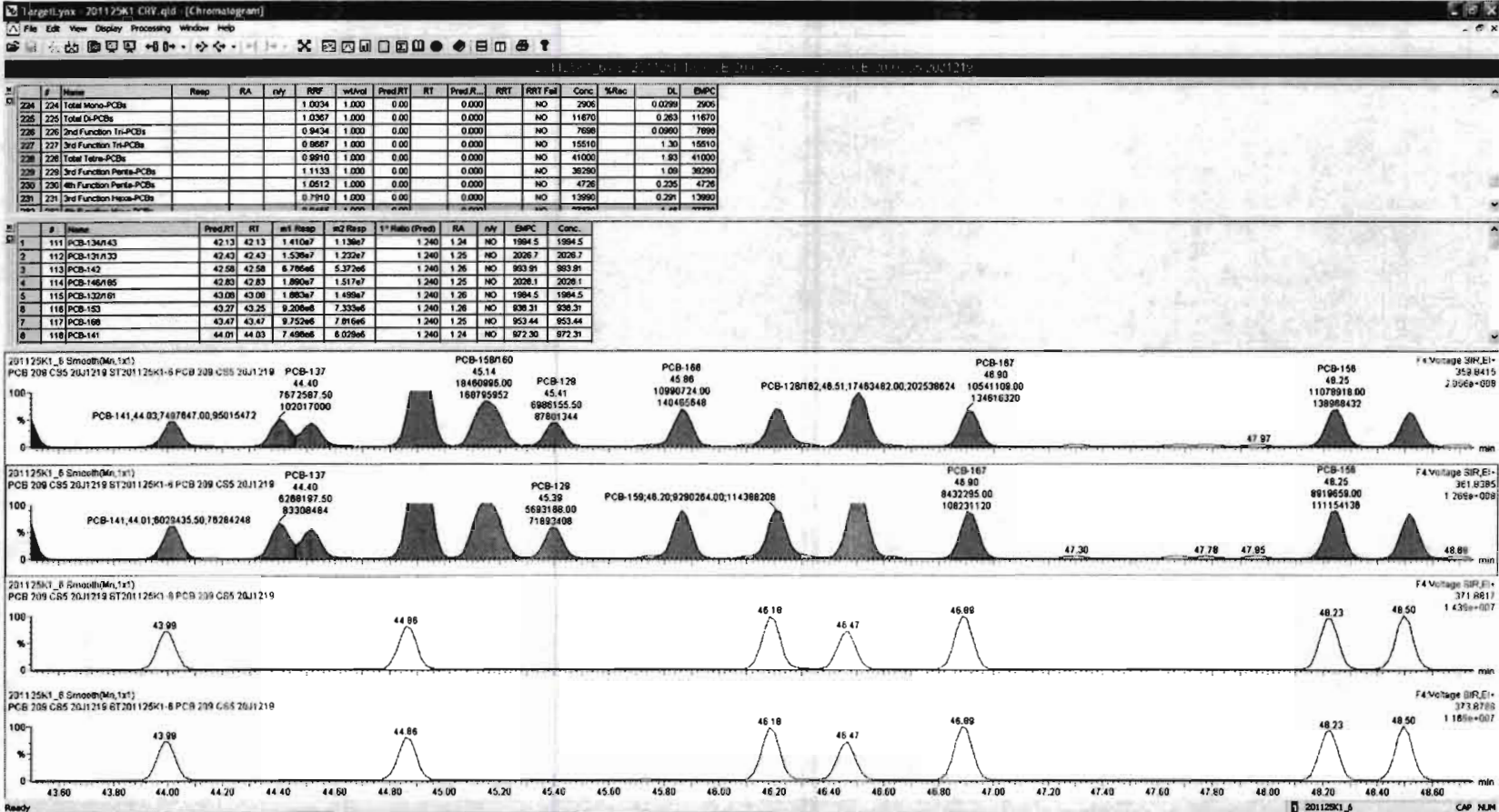


13C-PCB-153



PFK4b





Dataset: Untitled

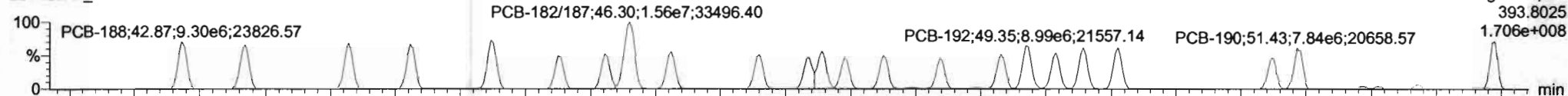
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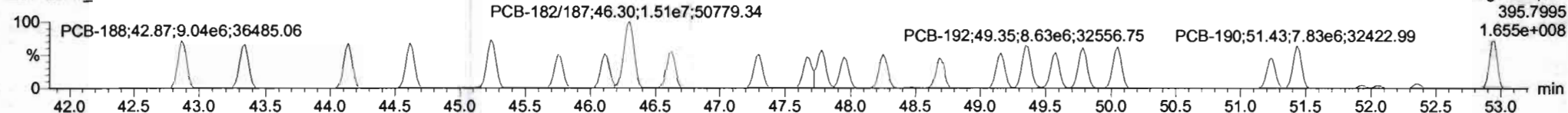
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PCB-188

201125K1_6

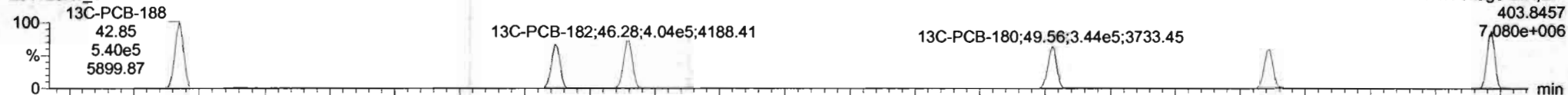


201125K1_6

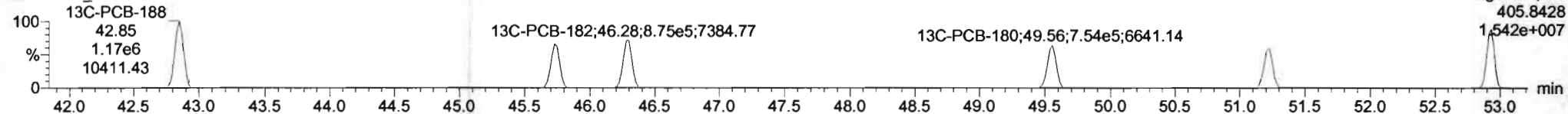


13C-PCB-188

201125K1_6

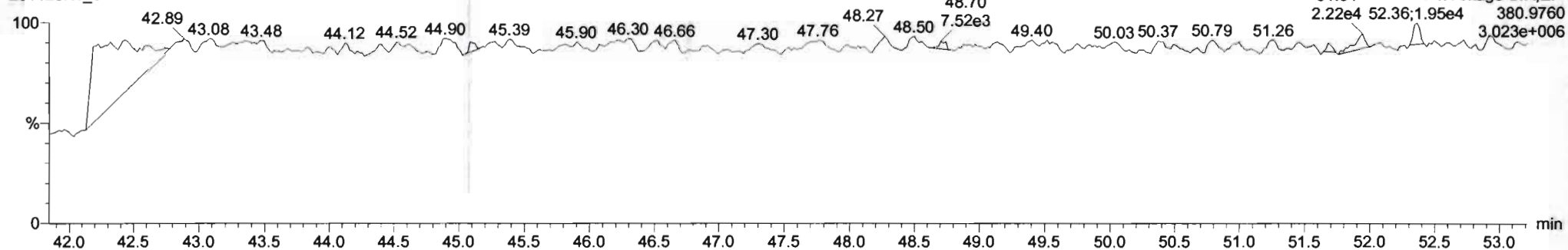


201125K1_6



PFK4c

201125K1_6

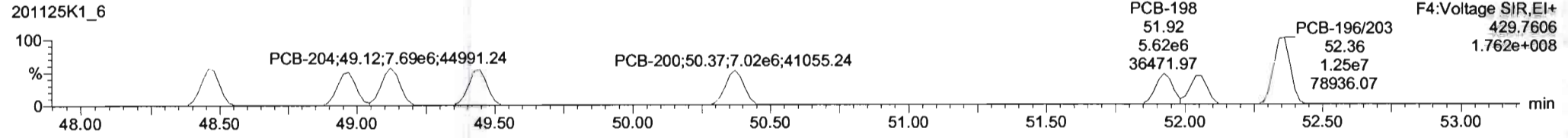
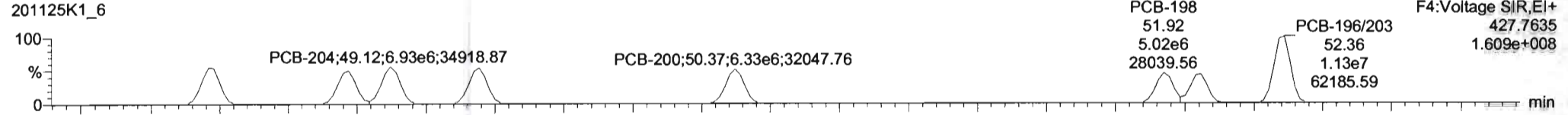


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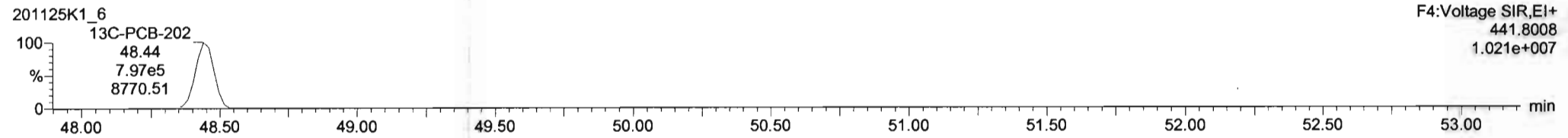
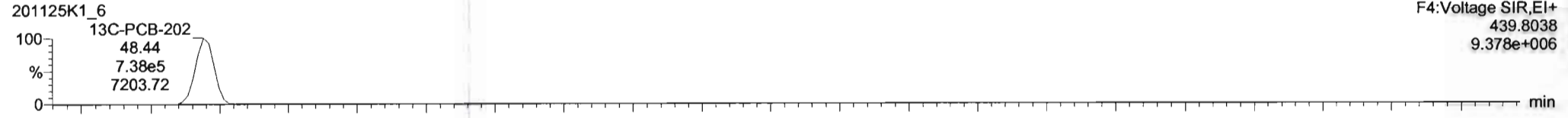
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Printed: Thursday, November 26, 2020 07:01:33 Pacific Standard Time

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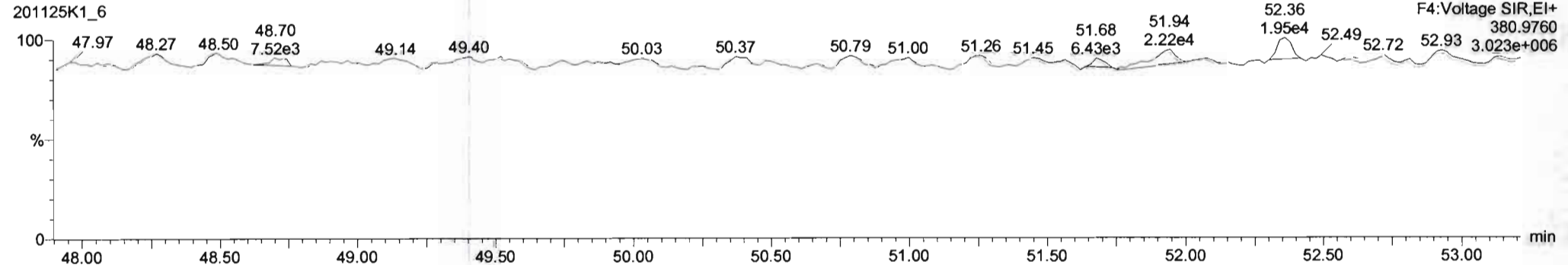
PCB-202



13C-PCB-202



PFK4d



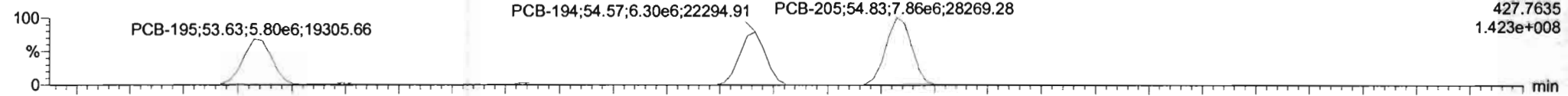
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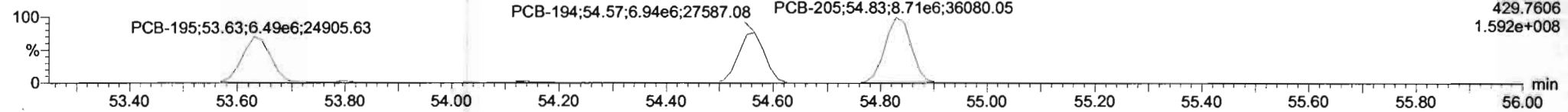
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PCB-195

201125K1_6

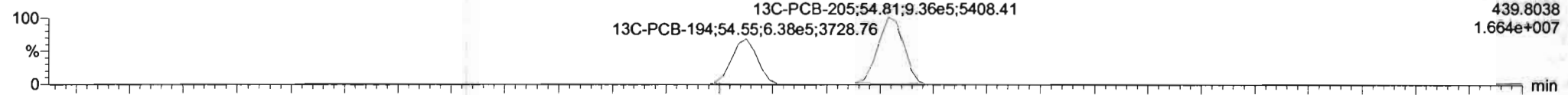


201125K1_6

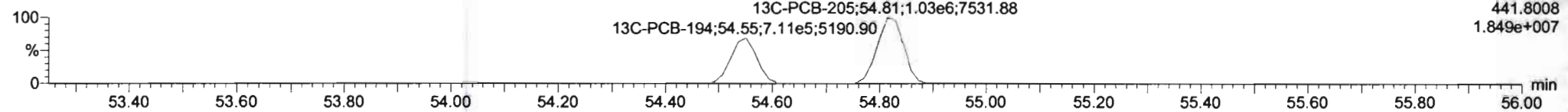


13C-PCB-194

201125K1_6

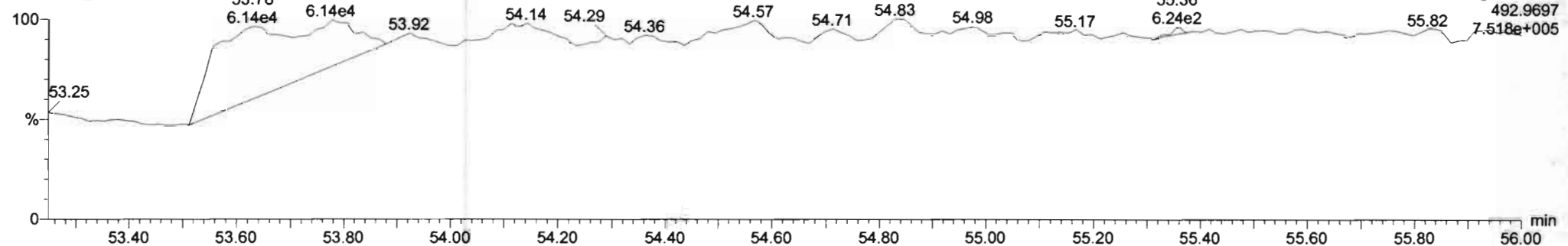


201125K1_6



PFK5a

201125K1_6



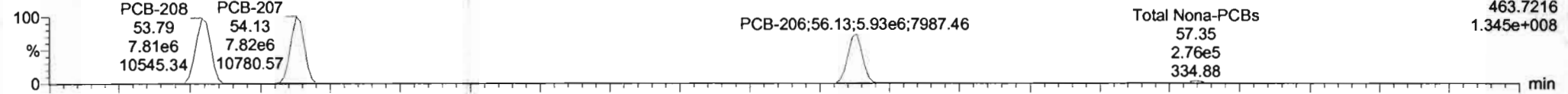
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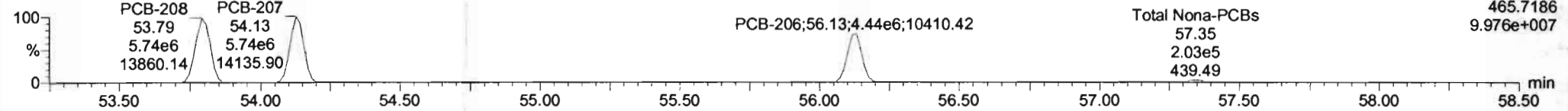
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PCB-208

201125K1_6

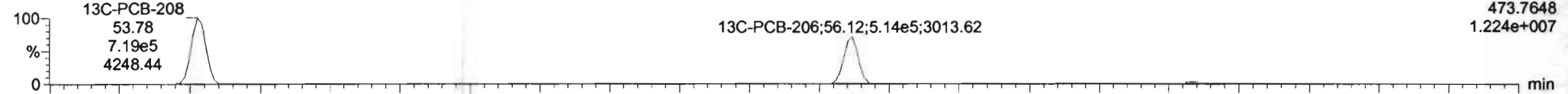


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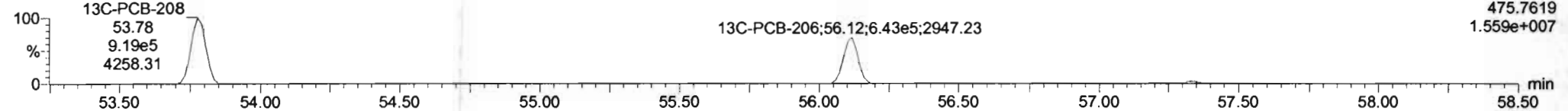


13C-PCB-208

201125K1_6

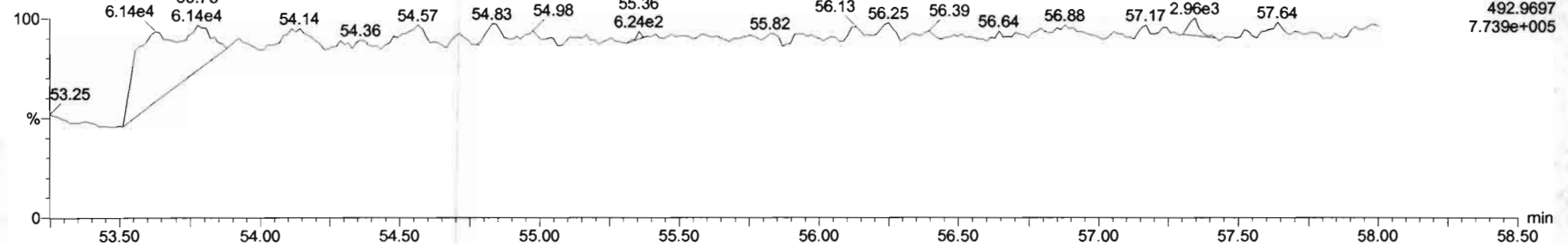


201125K1_6



PFK5

201125K1_6



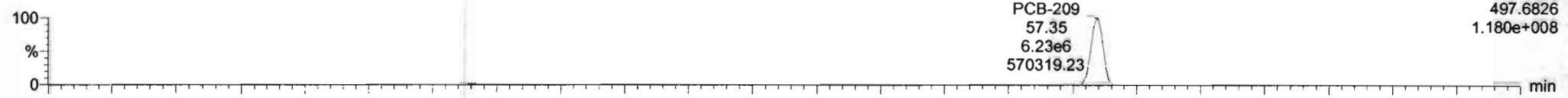
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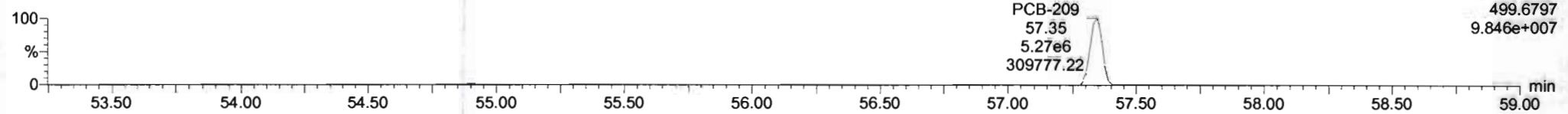
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PCB-209

201125K1_6

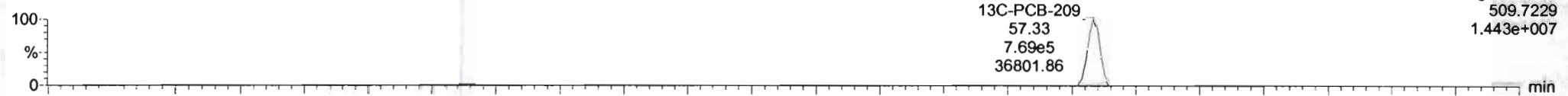


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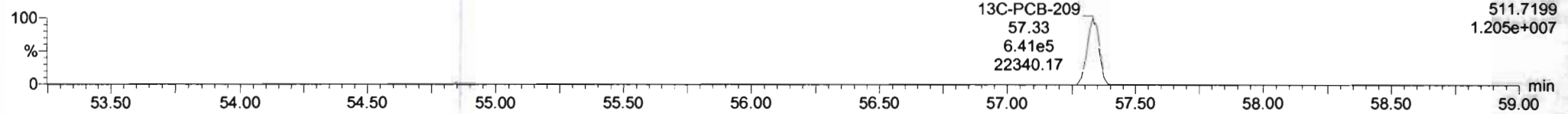


13C-PCB-209

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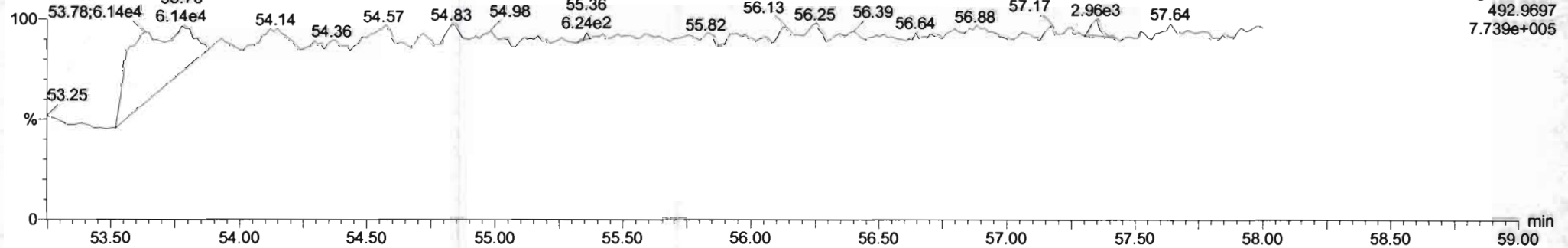


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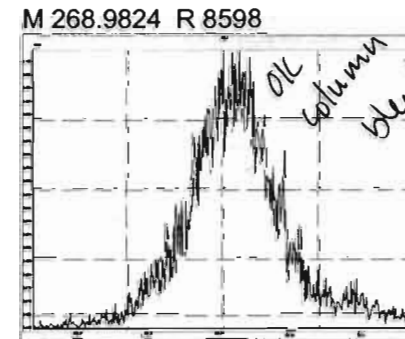
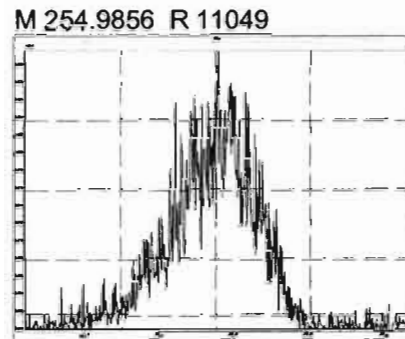
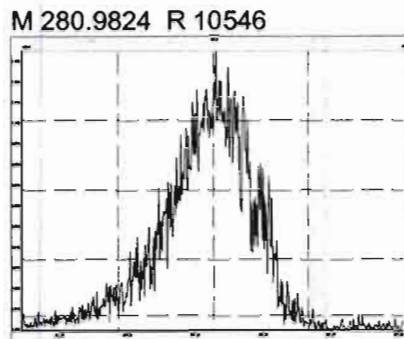
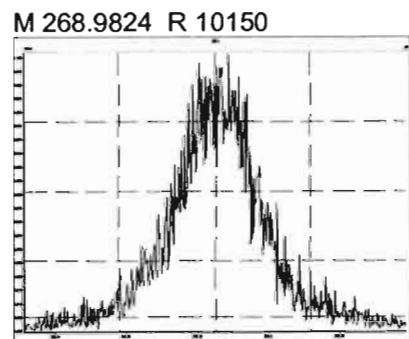
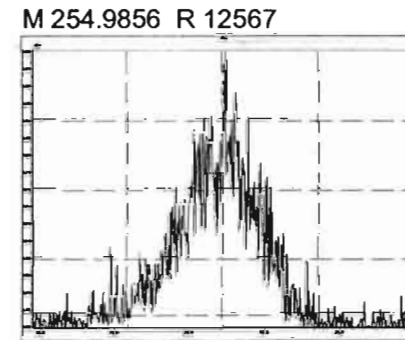
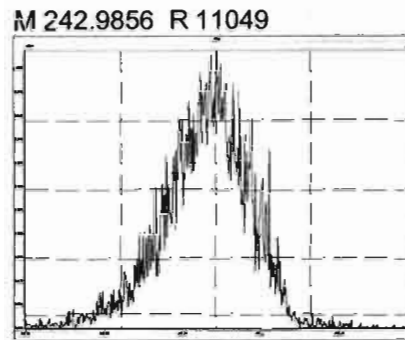
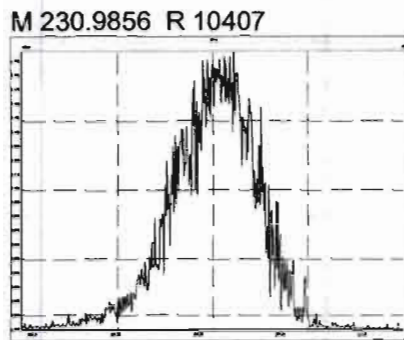
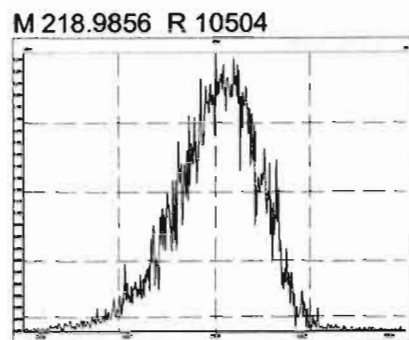
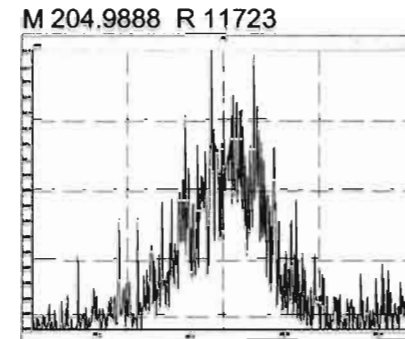
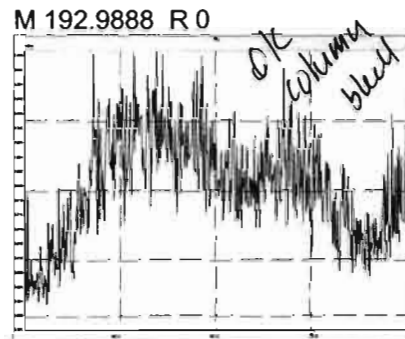
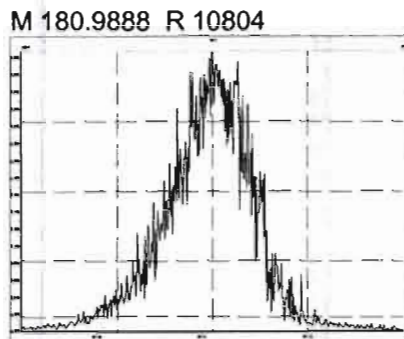
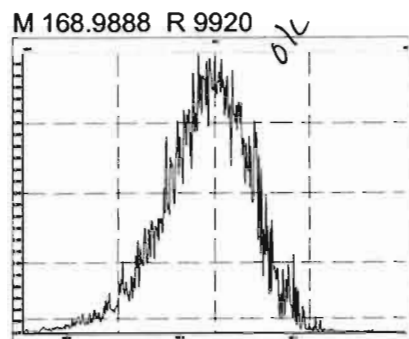


PFK5b

201125K1_6

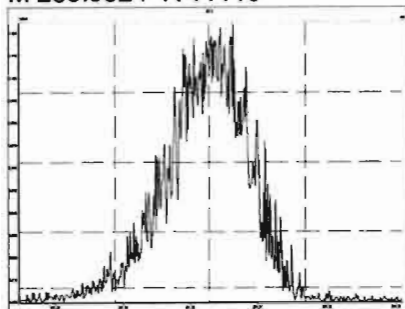


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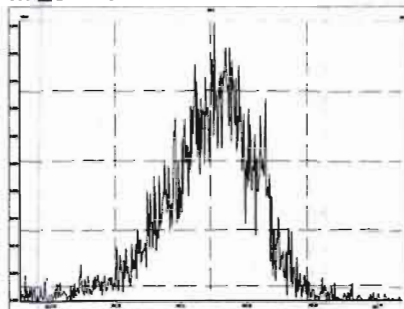


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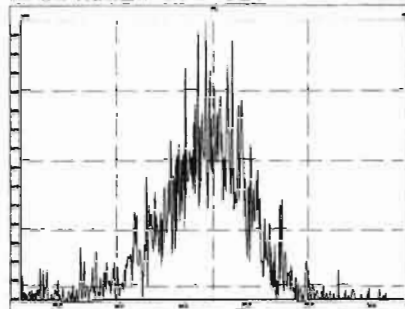
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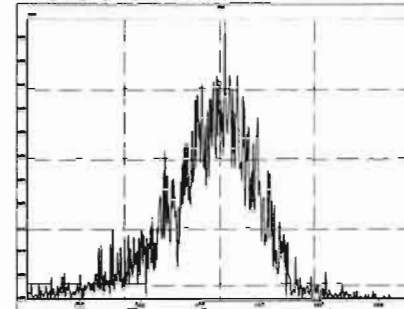
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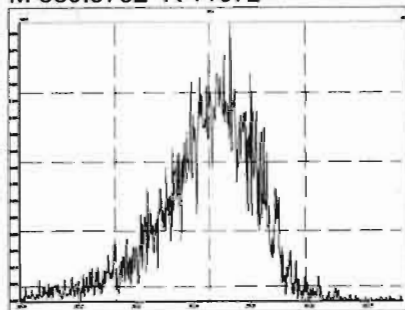
M 304.9824 R 14621



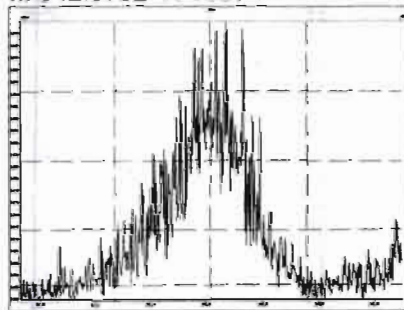
M 318.9792 R 12218



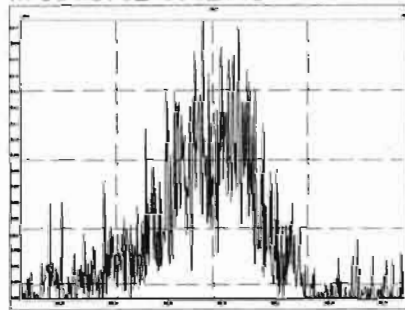
M 330.9792 R 11072



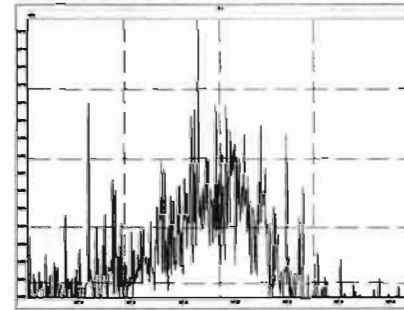
M 342.9792 R 10374



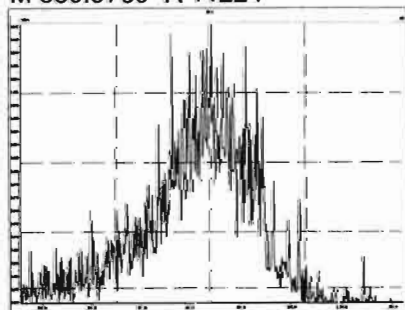
M 354.9792 R 12115



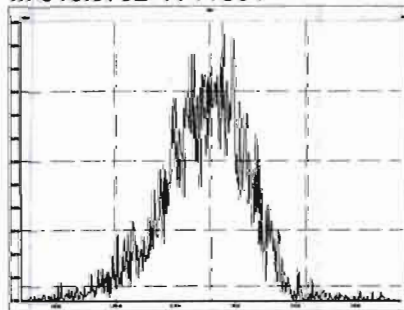
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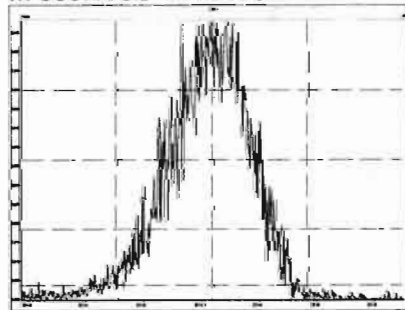
M 380.9760 R 11224



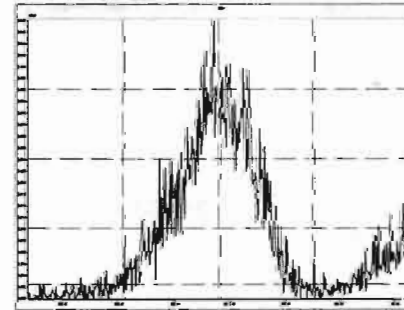
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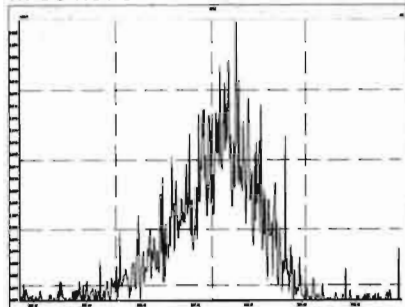


M 342.9792 R 11819

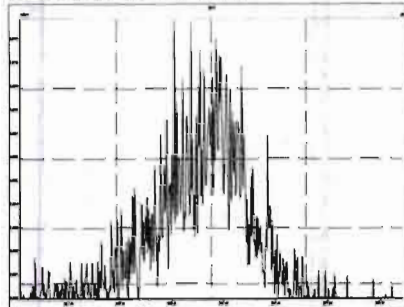


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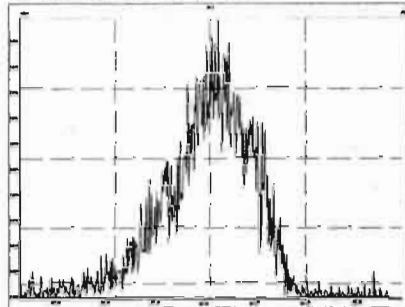
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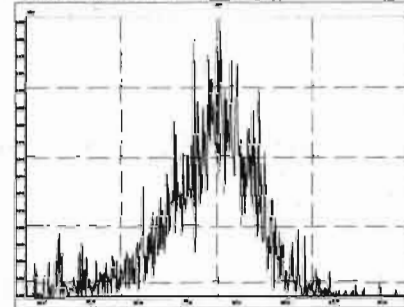
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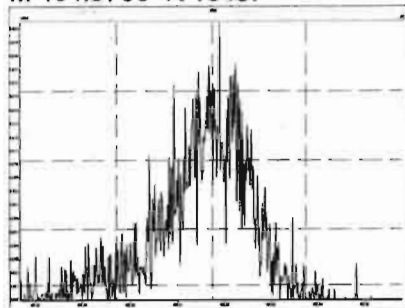
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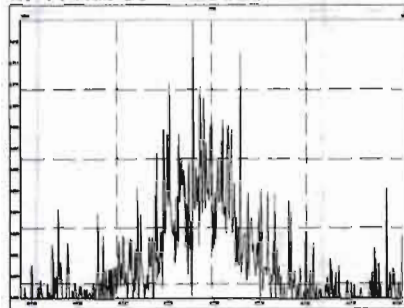
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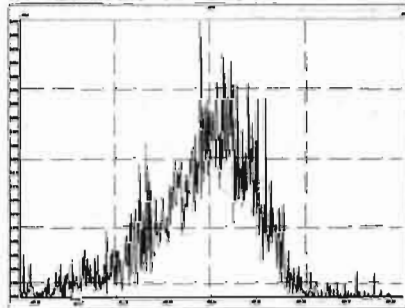
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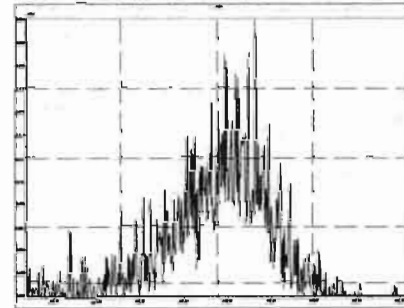
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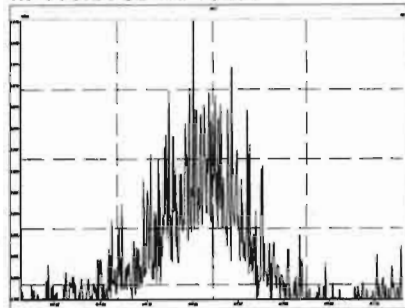
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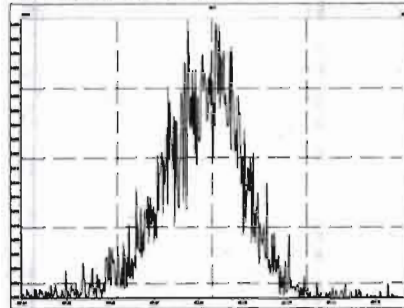
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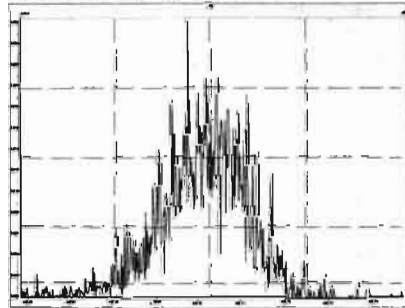
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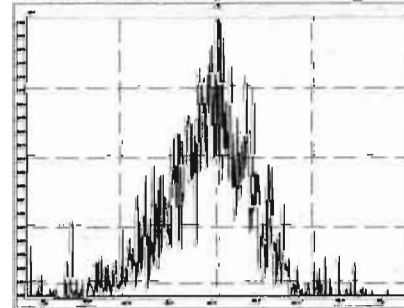
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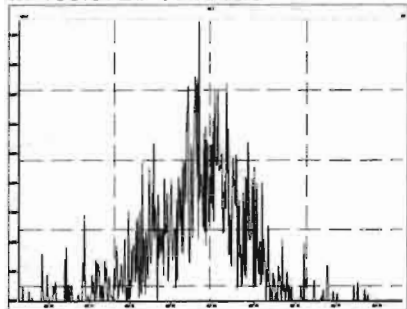


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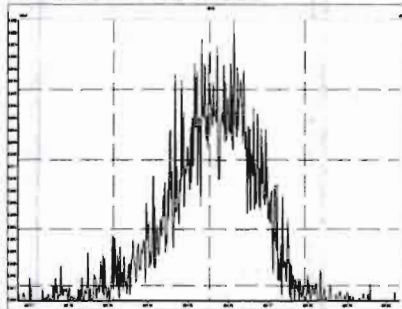


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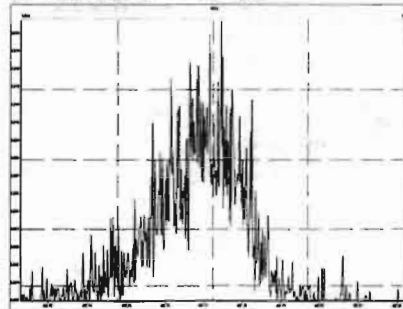
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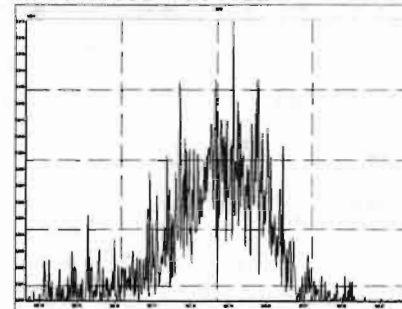
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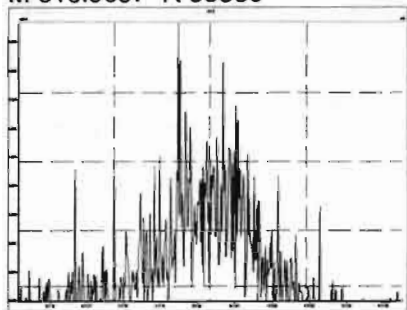
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M 504.9696 R 14102



M 516.9697 R 35353



Dataset: U:\VG11.PRO\Results\201125K1\201125K1-8.qld

Last Altered: Thursday, November 26, 2020 08:15:17 Pacific Standard Time
Printed: Thursday, November 26, 2020 08:15:28 Pacific Standard Time

HC 11-26-2020

GRB 11/26/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_11-24-20.mdb 25 Nov 2020 08:43:46
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 17:49:42

Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

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1	1 PCB-1	3.26e6	3.18	NO	0.986	1.000	15.43	15.44	1.001	1.001	NO	110.5	70-130	0.00665	110.5
2	2 PCB-2			NO	1.02	1.000	17.83		0.988		YES			0.00680	
3	3 PCB-3	3.35e6	3.15	NO	1.00	1.000	18.05	18.07	1.001	1.001	NO	111.5	70-130	0.00693	111.5
4	4 PCB-4/10	5.29e6	1.58	NO	1.21	1.000	19.48	19.48	1.004	1.004	NO	232.7	140-260	0.0296	232.7
5	5 PCB-7/9	3.26e6	1.59	NO	0.939	1.000	21.27	21.23	1.003	1.001	NO	116.7	70-130	0.0240	116.7
6	6 PCB-6			NO	0.996	1.000	21.92		1.033		YES			0.0226	
7	7 PCB-5/8	3.26e6	1.58	NO	0.976	1.000	22.32	22.32	1.052	1.052	NO	112.4		0.0231	112.4
8	8 PCB-14			NO	1.02	1.000	23.45		0.951		YES			0.0239	
9	9 PCB-11	3.28e6	1.59	NO	1.12	1.000	24.68	24.68	1.001	1.001	NO	103.3		0.0219	103.3
10	10 PCB-12/13	3.16e6	1.59	NO	1.02	1.000	25.11	25.11	1.018	1.018	NO	109.1		0.0240	109.1
11	11 PCB-15	3.44e6	1.60	NO	1.02	1.000	25.39	25.40	1.030	1.030	NO	119.0		0.0240	119.0
12	12 PCB-19	8.20e5	1.04	NO	0.972	1.000	23.65	23.64	1.001	1.001	NO	53.11	35-65	0.0170	53.11
13	13 PCB-30			NO	1.54	1.000	24.56		1.040		YES			0.0107	
14	14 PCB-18	8.50e5	1.02	NO	0.719	1.000	25.33	25.32	0.952	0.952	NO	51.35		0.0163	51.35
15	15 PCB-17			NO	0.672	1.000	25.50		0.958		YES			0.0174	
16	16 PCB-24/27			NO	0.932	1.000	26.11		0.981		YES			0.0126	
17	17 PCB-16/32			NO	0.824	1.000	26.63		1.001		YES			0.0142	
18	18 PCB-34			NO	0.878	1.000	27.44		0.959		YES			0.0159	
19	19 PCB-23			NO	0.892	1.000	27.53		0.962		YES			0.0157	
20	20 PCB-29			NO	0.861	1.000	27.77		0.971		YES			0.0162	
21	21 PCB-26			NO	0.915	1.000	28.01		0.979		YES			0.0153	
22	22 PCB-25			NO	0.915	1.000	28.16		0.984		YES			0.0153	
23	23 PCB-31	1.42e6	1.06	NO	1.03	1.000	28.53	28.54	0.997	0.997	NO	49.33		0.0136	49.33
24	24 PCB-28	1.54e6	1.06	NO	1.01	1.000	28.63	28.63	1.001	1.001	NO	54.54		0.0138	54.54
25	25 PCB-20/21/33	1.36e6	1.05	NO	0.913	1.000	29.27	29.30	1.023	1.024	NO	53.55	53.6	0.0153	53.55
26	26 PCB-22			NO	0.948	1.000	29.74		1.039		YES			0.0148	
27	27 PCB-36			NO	1.07	1.000	30.36		0.932		YES			0.0150	
28	28 PCB-39			NO	1.00	1.000	30.84		0.946		YES			0.0160	
29	29 PCB-38	1.31e6	1.07	NO	1.05	1.000	31.64	31.63	0.971	0.970	NO	49.20		0.0153	49.20
30	30 PCB-35	1.36e6	1.06	NO	1.05	1.000	32.16	32.17	0.987	0.987	NO	51.28		0.0153	51.28
31	31 PCB-37	1.39e6	1.07	NO	1.03	1.000	32.61	32.63	1.001	1.001	NO	53.44		0.0156	53.44
32	32 PCB-54	1.03e6	0.77	NO	0.974	1.000	27.48	27.48	1.001	1.001	NO	53.70		0.0190	53.70

Dataset: U:\VG11.PRO\Results\201125K1\201125K1-8.qld

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Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

#	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	0.803	1.000	28.68		1.044		YES			0.0231	
34	34 PCB-53			NO	0.939	1.000	29.37		0.944		YES			0.0246	
35	35 PCB-51			NO	1.00	1.000	29.70		0.955		YES			0.0231	
36	36 PCB-45			NO	0.802	1.000	30.15		0.969		YES			0.0288	
37	37 PCB-46			NO	0.770	1.000	30.65		0.985		YES			0.0300	
38	38 PCB-52/69	8.16e5	0.79	NO	1.08	1.000	31.14	31.12	1.001	1.001	NO	46.55		0.0213	46.55
39	39 PCB-73			NO	1.31	1.000	31.25		1.005		YES			0.0177	
40	40 PCB-43/49	8.41e5	0.78	NO	0.925	1.000	31.43	31.44	1.010	1.011	NO	56.14		0.0249	56.14
41	41 PCB-47			NO	0.863	1.000	31.65		1.001		YES			0.0256	
42	42 PCB-48/75			NO	1.04	1.000	31.76		1.004		YES			0.0213	
43	43 PCB-65			NO	1.16	1.000	32.03		1.013		YES			0.0191	
44	44 PCB-62			NO	1.04	1.000	32.16		1.017		YES			0.0213	
45	45 PCB-44	7.20e5	0.80	NO	0.757	1.000	32.46	32.46	1.026	1.026	NO	55.56		0.0292	55.56
46	46 PCB-42/59			NO	0.975	1.000	32.69		1.033		YES			0.0227	
47	47 PCB-41/64/71/72			NO	1.12	1.000	33.31		1.053		YES			0.0198	
48	48 PCB-68			NO	1.19	1.000	33.56		1.061		YES			0.0186	
49	49 PCB-40			NO	0.572	1.000	33.77		1.068		YES			0.0386	
50	50 PCB-57	1.02e6	0.77	NO	1.08	1.000	34.17	34.16	0.969	0.969	NO	48.27		0.0181	48.27
51	51 PCB-67			NO	1.02	1.000	34.48		0.978		YES			0.0191	
52	52 PCB-58			NO	1.08	1.000	34.61		0.982		YES			0.0180	
53	53 PCB-63			NO	0.971	1.000	34.75		0.986		YES			0.0200	
54	54 PCB-74	1.11e6	0.77	NO	1.09	1.000	35.06	35.05	0.994	0.994	NO	52.32		0.0179	52.32
55	55 PCB-61/70	1.10e6	0.77	NO	0.978	1.000	35.27	35.27	1.000	1.001	NO	57.45		0.0199	57.45
56	56 PCB-76/66	1.10e6	0.79	NO	1.07	1.000	35.45	35.48	1.005	1.006	NO	52.44		0.0181	52.44
57	57 PCB-80			NO	1.08	1.000	35.71		1.001		YES			0.0173	
58	58 PCB-55			NO	1.06	1.000	36.04		1.010		YES			0.0175	
59	59 PCB-56/60			NO	0.946	1.000	36.55		1.024		YES			0.0197	
60	60 PCB-79	1.09e6	0.80	NO	1.06	1.000	37.65	37.64	1.055	1.055	NO	50.51		0.0176	50.51
61	61 PCB-78	9.87e5	0.77	NO	1.01	1.000	38.36	38.36	0.987	0.987	NO	49.55		0.0191	49.55
62	62 PCB-81	1.08e6	0.77	NO	0.941	1.000	38.90	38.90	1.000	1.000	NO	57.84		0.0204	57.84
63	63 PCB-77	1.05e6	0.78	NO	1.03	1.000	39.52	39.52	1.000	1.000	NO	52.16		0.0190	52.16
64	64 PCB-104	9.32e5	1.54	NO	0.982	1.000	32.32	32.32	1.001	1.001	NO	57.20		0.0149	57.20
65	65 PCB-96			NO	0.982	1.000	33.61		1.041		YES			0.0149	
66	66 PCB-103			NO	0.770	1.000	34.17		1.058		YES			0.0190	
67	67 PCB-100			NO	0.805	1.000	34.54		1.070		YES			0.0182	
68	68 PCB-94			NO	0.831	1.000	35.03		0.985		YES			0.0238	

35-65 mg/g(v)

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Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

#	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	6.70e5	1.58	NO	1.07	1.000	35.50	35.59	0.999	1.001	NO	49.84	49.8 <i>35-15</i>	0.0185	49.84
70	70 PCB-93			NO	0.761	1.000	35.65		1.003		YES			0.0260	
71	71 PCB-88/91			NO	0.910	1.000	35.98		1.012		YES			0.0218	
72	72 PCB-121			NO	1.46	1.000	36.09		1.015		YES			0.0135	
73	73 PCB-84/92			NO	0.826	1.000	36.93		0.990		YES			0.0223	
74	74 PCB-89			NO	0.885	1.000	37.11		0.995		YES			0.0208	
75	75 PCB-90/101	7.10e5	1.55	NO	0.905	1.000	37.31	37.32	1.000	1.000	NO	58.87		0.0204	58.87
76	76 PCB-113			NO	1.26	1.000	37.56		1.007		YES			0.0147	
77	77 PCB-99	7.49e5	1.57	NO	0.993	1.000	37.66	37.66	1.010	1.009	NO	56.61		0.0186	56.61
78	78 PCB-119			NO	1.53	1.000	38.14		0.987		YES			0.0148	
79	79 PCB-108/112			NO	1.25	1.000	38.30		0.991		YES			0.0181	
80	80 PCB-83			NO	1.56	1.000	38.45		0.995		YES			0.0145	
81	81 PCB-97			NO	1.12	1.000	38.66		1.000		YES			0.0201	
82	82 PCB-86			NO	1.06	1.000	38.83		1.005		YES			0.0214	
83	83 PCB-87/117/125	6.16e5	1.56	NO	1.34	1.000	38.95	38.96	1.008	1.008	NO	42.44	42.4	0.0169	42.44
84	84 PCB-111/115	8.83e5	1.57	NO	1.62	1.000	39.11	39.13	1.012	1.013	NO	50.40		0.0140	50.40
85	85 PCB-85/116			NO	1.23	1.000	39.23		1.015		YES			0.0183	
86	86 PCB-120			NO	1.79	1.000	39.50		1.022		YES			0.0126	
87	87 PCB-110	8.76e5	1.59	NO	1.50	1.000	39.65	39.65	1.026	1.026	NO	53.90		0.0151	53.90
88	88 PCB-82			NO	0.638	1.000	40.30		0.976		YES			0.0251	
89	89 PCB-124			NO	1.08	1.000	41.01		0.993		YES			0.0149	
90	90 PCB-107/109	8.39e5	1.58	NO	1.11	1.000	41.15	41.32	0.996	1.000	YES	47.54		0.0144	47.54
91	91 PCB-123			NO	1.00	1.000	41.32		1.000		YES			0.0160	
92	92 PCB-106/118	9.16e5	1.59	NO	1.02	1.000	41.53	41.51	1.001	1.000	NO	56.90		0.0156	56.90
93	93 PCB-114	9.73e5	1.58	NO	1.08	1.000	42.19	42.19	1.000	1.000	NO	51.79		0.0222	51.79
94	94 PCB-122			NO	0.930	1.000	42.34		1.004		YES			0.0259	
95	95 PCB-105	9.70e5	1.58	NO	1.03	1.000	43.06	43.06	1.000	1.000	NO	52.89		0.0225	52.89
96	96 PCB-127			NO	1.06	1.000	43.42		1.000		YES			0.0205	
97	97 PCB-126	9.80e5	1.57	NO	1.15	1.000	45.37	45.37	1.000	1.000	NO	47.91		0.0201	47.91
98	98 PCB-155	7.17e5	1.25	NO	0.853	1.000	36.86	36.86	1.000	1.001	NO	61.43		0.0155	61.43
99	99 PCB-150			NO	0.934	1.000	38.18		1.036		YES			0.0141	
100	1... PCB-152			NO	1.02	1.000	38.66		1.049		YES			0.0129	
101	1... PCB-145			NO	0.983	1.000	39.13		1.062		YES			0.0134	
102	1... PCB-136			NO	0.881	1.000	39.46		1.071		YES			0.0150	
103	1... PCB-148			NO	0.666	1.000	39.57		1.074		YES			0.0198	
104	1... PCB-154			NO	0.721	1.000	40.07		1.088		YES			0.0183	

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Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151			NO	0.674	1.000	40.74		1.106		YES			0.0196	
106	1... PCB-135			NO	0.723	1.000	40.97		1.112		YES			0.0182	
107	1... PCB-144			NO	0.691	1.000	41.08		1.115		YES			0.0191	
108	1... PCB-147			NO	0.713	1.000	41.21		1.119		YES			0.0185	
109	1... PCB-139/149	4.88e5	1.27	NO	0.773	1.000	41.49	41.45	1.126	1.125	NO	46.09		0.0170	46.09
110	1... PCB-140			NO	0.652	1.000	41.68		1.131		YES			0.0202	
111	1... PCB-134/143			NO	0.718	1.000	42.11		0.975		YES			0.0303	
112	1... PCB-131/133			NO	0.768	1.000	42.41		0.982		YES			0.0283	
113	1... PCB-142			NO	0.687	1.000	42.56		0.985		YES			0.0317	
114	1... PCB-146/165			NO	0.943	1.000	42.81		0.991		YES			0.0231	
115	1... PCB-132/161			NO	0.957	1.000	43.06		0.997		YES			0.0227	
116	1... PCB-153	7.49e5	1.24	NO	0.990	1.000	43.25	43.25	1.001	1.001	NO	51.25		0.0220	51.25
117	1... PCB-168			NO	1.03	1.000	43.46		1.006		YES			0.0210	
118	1... PCB-141			NO	0.948	1.000	44.00		1.000		YES			0.0271	
119	1... PCB-137			NO	0.964	1.000	44.38		1.009		YES			0.0267	
120	1... PCB-130			NO	0.816	1.000	44.50		1.012		YES			0.0315	
121	1... PCB-138/163/164	6.71e5	1.22	NO	1.15	1.000	44.90	44.86	1.001	1.000	NO	44.80	44.8	0.0214	44.80
122	1... PCB-158/160			NO	1.14	1.000	45.14		1.007		YES			0.0217	
123	1... PCB-129			NO	0.807	1.000	45.39		1.012		YES			0.0306	
124	1... PCB-166			NO	1.03	1.000	45.87		0.993		YES			0.0207	
125	1... PCB-159			NO	1.10	1.000	46.23		1.001		YES			0.0195	
126	1... PCB-128/162	8.43e5	1.23	NO	0.836	1.000	46.51	46.51	1.007	1.007	NO	64.21		0.0255	64.21
127	1... PCB-167	8.12e5	1.22	NO	0.960	1.000	46.90	46.90	1.000	1.000	NO	52.28		0.0204	52.28
128	1... PCB-156	8.18e5	1.24	NO	1.06	1.000	48.23	48.23	1.000	1.000	NO	50.97		0.0198	50.97
129	1... PCB-157	8.21e5	1.26	NO	0.960	1.000	48.52	48.51	1.000	1.000	NO	54.88		0.0221	54.88
130	1... PCB-169	7.93e5	1.24	NO	1.04	1.000	50.79	50.79	1.000	1.000	NO	49.90		0.0209	49.90
131	1... PCB-188	8.45e5	1.05	NO	1.15	1.000	42.87	42.85	1.001	1.000	NO	56.09		0.0243	56.09
132	1... PCB-184			NO	1.14	1.000	43.32		1.011		YES			0.0245	
133	1... PCB-179			NO	1.07	1.000	44.12		1.030		YES			0.0260	
134	1... PCB-176			NO	1.11	1.000	44.59		1.041		YES			0.0251	
135	1... PCB-186			NO	1.23	1.000	45.24		1.056		YES			0.0227	
136	1... PCB-178	5.97e5	1.02	NO	0.830	1.000	45.75	45.75	1.068	1.068	NO	54.84		0.0336	54.84
137	1... PCB-175			NO	0.853	1.000	46.09		1.076		YES			0.0327	
138	1... PCB-182/187	6.30e5	1.04	NO	0.942	1.000	46.28	46.26	1.081	1.080	NO	51.06		0.0296	51.06
139	1... PCB-183			NO	0.910	1.000	46.60		1.088		YES			0.0307	
140	1... PCB-185			NO	1.24	1.000	47.28		0.954		YES			0.0350	

3565

44.8

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	5.82e5	1.05	NO	1.20	1.000	47.66	47.66	0.962	0.962	NO	56.13	75-85	0.0362	56.13
142	1... PCB-181			NO	1.33	1.000	47.76		0.964		YES			0.0326	
143	1... PCB-177			NO	1.14	1.000	47.93		0.967		YES			0.0380	
144	1... PCB-171			NO	1.22	1.000	48.23		0.974		YES			0.0356	
145	1... PCB-173			NO	1.07	1.000	48.68		0.983		YES			0.0407	
146	1... PCB-172			NO	1.26	1.000	49.14		0.992		YES			0.0345	
147	1... PCB-192			NO	1.61	1.000	49.35		0.996		YES			0.0269	
148	1... PCB-180	6.03e5	1.04	NO	1.30	1.000	49.56	49.56	1.000	1.000	NO	53.60		0.0334	53.60
149	1... PCB-193			NO	1.47	1.000	49.78		1.005		YES			0.0295	
150	1... PCB-191			NO	1.51	1.000	50.03		1.010		YES			0.0288	
151	1... PCB-170	5.30e5	1.05	NO	1.23	1.000	51.23	51.22	1.000	1.000	NO	52.39		0.0359	52.39
152	1... PCB-190			NO	1.61	1.000	51.44		1.005		YES			0.0275	
153	1... PCB-189	7.01e5	1.03	NO	1.27	1.000	52.93	52.93	1.000	1.000	NO	54.09		0.0256	54.09
154	1... PCB-202	6.66e5	0.89	NO	0.995	1.000	48.48	48.46	1.001	1.000	NO	55.95		0.0152	55.95
155	1... PCB-201			NO	0.904	1.000	48.97		1.011		YES			0.0167	
156	1... PCB-204			NO	0.955	1.000	49.12		1.014		YES			0.0159	
157	1... PCB-197			NO	0.964	1.000	49.44		1.021		YES			0.0157	
158	1... PCB-200	6.12e5	0.91	NO	0.911	1.000	50.37	50.35	1.040	1.040	NO	56.06		0.0166	56.06
159	1... PCB-198			NO	0.696	1.000	51.92		1.072		YES			0.0218	
160	1... PCB-199			NO	0.706	1.000	52.06		1.075		YES			0.0214	
161	1... PCB-196/203	4.73e5	0.91	NO	0.754	1.000	52.36	52.34	1.081	1.081	NO	52.32		0.0201	52.32
162	1... PCB-195	5.36e5	0.90	NO	0.957	1.000	53.62	53.61	0.984	0.983	NO	53.46		0.0235	53.46
163	1... PCB-194	5.68e5	0.90	NO	1.06	1.000	54.54	54.54	1.000	1.000	NO	51.08		0.0212	51.08
164	1... PCB-205	7.14e5	0.90	NO	1.27	1.000	54.81	54.81	1.005	1.005	NO	53.68		0.0177	53.68
165	1... PCB-208	6.02e5	1.36	NO	0.861	1.000	53.78	53.78	1.000	1.000	NO	55.33		0.0261	55.33
166	1... PCB-207			NO	0.849	1.000	54.11		1.007		YES			0.0264	
167	1... PCB-206	4.66e5	1.35	NO	0.951	1.000	56.07	56.07	1.000	1.000	NO	52.10		0.0308	52.10
168	1... PCB-209	5.43e5	1.19	NO	0.863	1.000	57.32	57.32	1.000	1.000	NO	57.91		0.00269	57.91
169	1... 13C-PCB-1	2.99e6	3.20	NO	0.937	1.000	15.43	15.42	0.608	0.608	NO	100.7	101	0.0440	
170	1... 13C-PCB-3	3.00e6	3.21	NO	0.934	1.000	18.06	18.04	0.712	0.711	NO	101.2	101	0.0442	
171	1... 13C-PCB-4	1.88e6	1.59	NO	0.599	1.000	19.41	19.40	0.765	0.764	NO	98.94	98.9	0.0200	
172	1... 13C-PCB-9	2.98e6	1.59	NO	0.960	1.000	21.22	21.21	0.836	0.836	NO	97.79	97.8	0.0125	
173	1... 13C-PCB-11	2.84e6	1.59	NO	0.929	1.000	24.66	24.66	0.971	0.972	NO	96.41	96.4	0.0129	
174	1... 13C-PCB-19	1.59e6	1.03	NO	0.506	1.000	23.63	23.62	0.931	0.930	NO	98.84	98.8	0.255	
175	1... 13C-PCB-32	2.30e6	1.03	NO	0.738	1.000	26.62	26.61	1.049	1.048	NO	98.29	98.3	0.175	
176	1... 13C-PCB-28	2.79e6	1.06	NO	1.06	1.000	28.61	28.61	1.004	1.004	NO	100.1	100	0.159	

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#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	2.53e6	1.04	NO	0.979	1.000	32.59	32.59	1.143	1.144	NO	98.38	98.4	0.172	
178	1... 13C-PCB-54	1.97e6	0.78	NO	0.981	1.000	27.49	27.46	0.753	0.752	NO	98.99	99.0	0.0397	
179	1... 13C-PCB-52	1.62e6	0.78	NO	0.786	1.000	31.10	31.11	0.852	0.852	NO	101.6	102	0.0495	
180	1... 13C-PCB-47	1.71e6	0.79	NO	0.833	1.000	31.63	31.63	0.866	0.866	NO	101.2	101	0.0467	
181	1... 13C-PCB-70	1.96e6	0.80	NO	0.981	1.000	35.25	35.26	0.965	0.965	NO	98.47	98.5	0.0397	
182	1... 13C-PCB-80	2.03e6	0.80	NO	1.01	1.000	35.68	35.68	0.977	0.977	NO	98.88	98.9	0.0384	
183	1... 13C-PCB-81	1.98e6	0.80	NO	0.995	1.000	38.88	38.88	1.064	1.065	NO	98.16	98.2	0.0391	
184	1... 13C-PCB-77	1.95e6	0.80	NO	0.977	1.000	39.50	39.50	1.082	1.082	NO	98.25	98.3	0.0398	
185	1... 13C-PCB-104	1.66e6	1.59	NO	1.00	1.000	32.30	32.30	0.826	0.826	NO	102.4	102	0.0227	
186	1... 13C-PCB-95	1.26e6	1.59	NO	0.779	1.000	35.55	35.55	0.910	0.910	NO	99.88	99.9	0.0292	
187	1... 13C-PCB-101	1.33e6	1.56	NO	0.833	1.000	37.30	37.30	0.954	0.954	NO	99.16	99.2	0.0273	
188	1... 13C-PCB-97	1.08e6	1.59	NO	0.679	1.000	38.64	38.64	0.988	0.989	NO	98.90	98.9	0.0335	
189	1... 13C-PCB-123	1.59e6	1.59	NO	0.970	1.000	41.28	41.30	1.056	1.057	NO	101.7	102	0.0235	
190	1... 13C-PCB-118	1.57e6	1.58	NO	1.00	1.000	41.49	41.49	1.061	1.061	NO	97.51	97.5	0.0227	
191	1... 13C-PCB-114	1.73e6	1.58	NO	1.55	1.000	42.15	42.17	0.908	0.908	NO	96.45	96.5	0.0333	
192	1... 13C-PCB-105	1.77e6	1.59	NO	1.59	1.000	43.04	43.04	0.927	0.927	NO	95.97	96.0	0.0324	
193	1... 13C-PCB-127	1.85e6	1.61	NO	1.66	1.000	43.40	43.40	0.934	0.934	NO	95.97	96.0	0.0311	
194	1... 13C-PCB-126	1.78e6	1.60	NO	1.65	1.000	45.35	45.35	0.976	0.976	NO	93.10	93.1	0.0314	
195	1... 13C-PCB-155	1.37e6	1.31	NO	0.819	1.000	36.81	36.84	0.942	0.942	NO	103.6	104	0.0158	
196	1... 13C-PCB-153	1.48e6	1.26	NO	1.31	1.000	43.22	43.21	0.930	0.930	NO	96.88	96.9	0.0450	
197	1... 13C-PCB-141	1.24e6	1.25	NO	1.08	1.000	43.99	43.99	0.947	0.947	NO	98.40	98.4	0.0545	
198	1... 13C-PCB-138	1.30e6	1.22	NO	1.15	1.000	44.84	44.84	0.965	0.965	NO	97.12	97.1	0.0513	
199	1... 13C-PCB-159	1.57e6	1.29	NO	1.39	1.000	46.16	46.18	0.994	0.994	NO	97.03	97.0	0.0424	
200	2... 13C-PCB-167	1.62e6	1.23	NO	1.43	1.000	46.88	46.89	1.009	1.009	NO	97.69	97.7	0.0414	
201	2... 13C-PCB-156	1.51e6	1.27	NO	1.34	1.000	48.21	48.21	1.038	1.038	NO	97.20	97.2	0.0441	
202	2... 13C-PCB-157	1.56e6	1.28	NO	1.36	1.000	48.48	48.50	1.044	1.044	NO	98.76	98.8	0.0435	
203	2... 13C-PCB-169	1.53e6	1.24	NO	1.33	1.000	50.75	50.77	1.092	1.093	NO	98.99	99.0	0.0444	
204	2... 13C-PCB-188	1.31e6	0.46	NO	1.39	1.000	42.83	42.83	0.925	0.925	NO	96.90	96.9	0.0411	
205	2... 13C-PCB-180	8.65e5	0.47	NO	0.907	1.000	49.55	49.54	1.071	1.070	NO	98.08	98.1	0.0630	
206	2... 13C-PCB-170	8.22e5	0.45	NO	0.823	1.000	51.20	51.20	1.106	1.106	NO	102.7	103	0.0695	
207	2... 13C-PCB-189	1.02e6	0.46	NO	1.08	1.000	52.91	52.91	1.143	1.143	NO	97.37	97.4	0.0531	
208	2... 13C-PCB-202	1.20e6	0.93	NO	1.23	1.000	48.43	48.44	1.046	1.047	NO	99.93	99.9	0.0297	
209	2... 13C-PCB-194	1.05e6	0.93	NO	0.710	1.000	54.53	54.52	0.995	0.995	NO	99.51	99.5	0.0474	
210	2... 13C-PCB-208	1.26e6	0.78	NO	0.865	1.000	53.77	53.76	0.981	0.981	NO	98.50	98.5	0.0487	
211	2... 13C-PCB-206	9.41e5	0.80	NO	0.623	1.000	56.08	56.06	1.023	1.023	NO	101.9	102	0.0677	
212	2... 13C-PCB-209	1.09e6	1.20	NO	0.725	1.000	57.32	57.32	1.046	1.046	NO	101.1	101	0.00609	

150/

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Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

#	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	3.17e6	1.61	NO	1.00	1.000	25.39	25.38	1.000	0.000	NO	100.0	100	0.0120	
214	2... 13C-PCB-31	2.63e6	1.04	NO	1.00	1.000	28.52	28.50	1.000	0.000	NO	100.0	100	0.169	
215	2... 13C-PCB-60	2.03e6	0.79	NO	1.00	1.000	36.54	36.52	1.000	0.000	NO	100.0	100	0.0389	
216	2... 13C-PCB-111	1.61e6	1.59	NO	1.00	1.000	39.11	39.09	1.000	0.000	NO	100.0	100	0.0228	
217	2... 13C-PCB-128	1.16e6	1.26	NO	1.00	1.000	46.47	46.45	1.000	0.000	NO	100.0	100	0.0591	
218	2... 13C-PCB-182	9.73e5	0.45	NO	1.00	1.000	46.30	46.28	0.000	0.000	NO	100.0	100	0.0572	
219	2... 13C-PCB-205	1.48e6	0.93	NO	1.00	1.000	54.81	54.80	1.000	0.000	NO	100.0	100	0.0336	
220	2... 13C-PCB-79	2.08e6	0.79	NO	1.04	1.000	37.62	37.62	1.030	1.030	NO	99.24	99.2 ^{to 130}	0.0376	
221	2... 13C-PCB-178	9.06e5	0.45	NO	0.774	1.000	45.72	45.71	0.988	0.988	NO	100.8	101	0.0608	
222	2... 13C-PCB-79	2.08e6	0.79	NO	1.04	1.000	37.63	37.62	0.968	0.967	NO	101.1	101	0.0378	
223	2... 13C-PCB-178	9.06e5	0.45	NO	1.02	1.000	45.71	45.71	0.923	0.923	NO	102.9	103	0.0632	

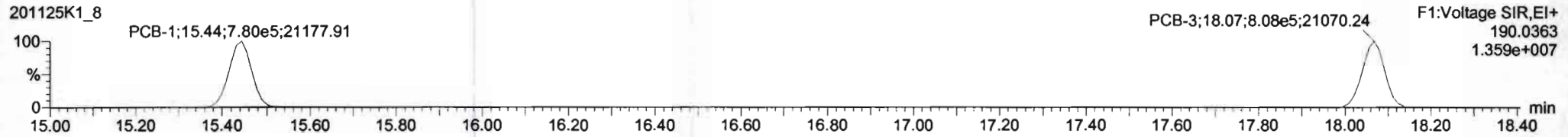
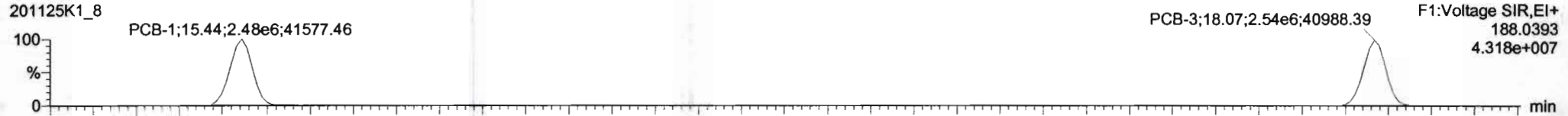
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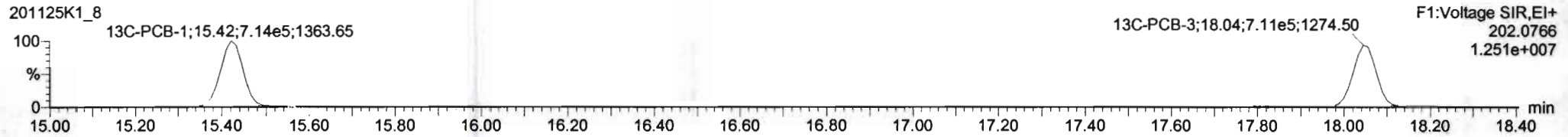
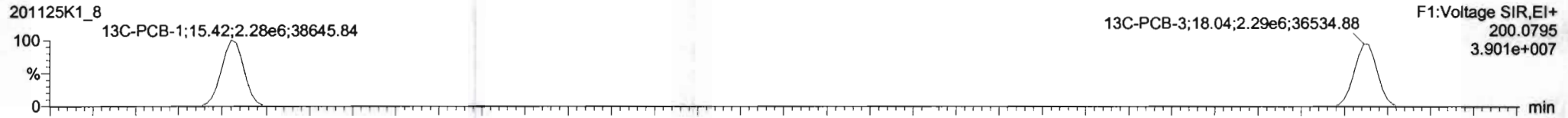
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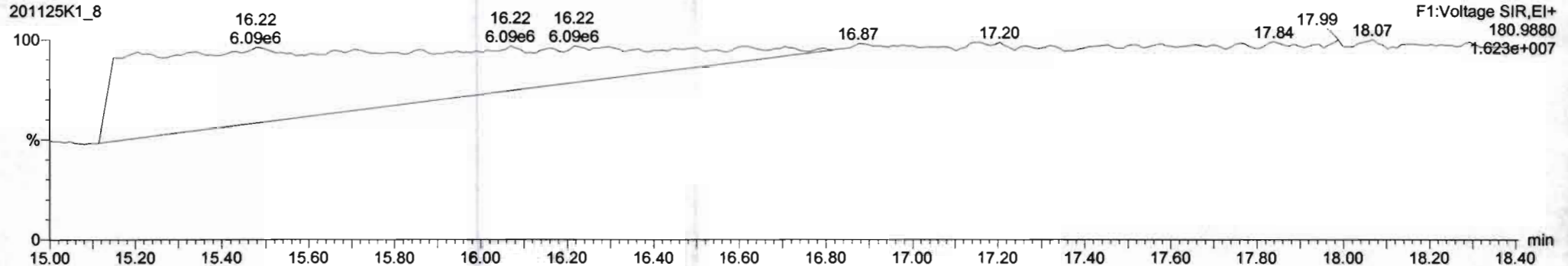
PCB-1



13C-PCB-1



PFK1

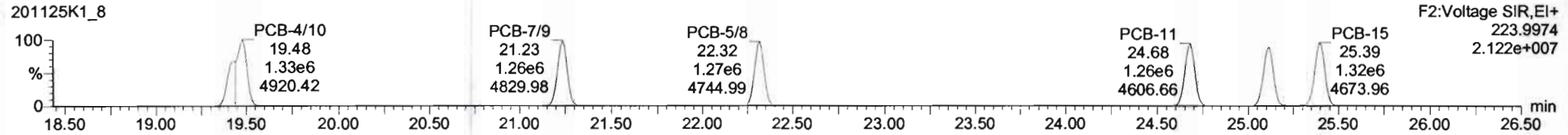
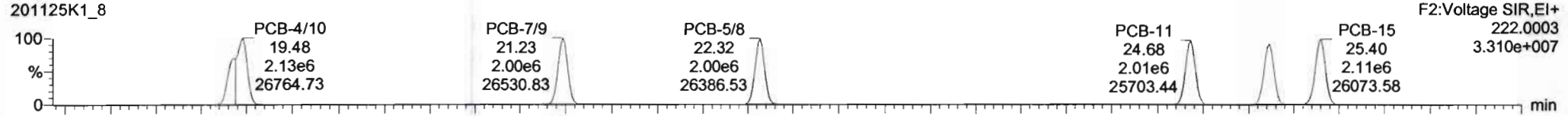


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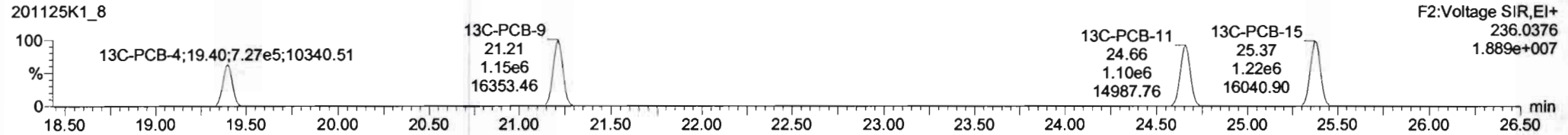
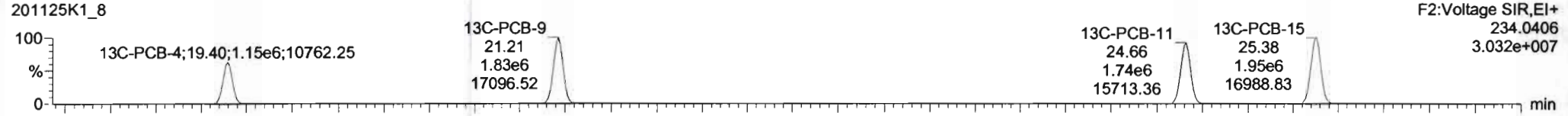
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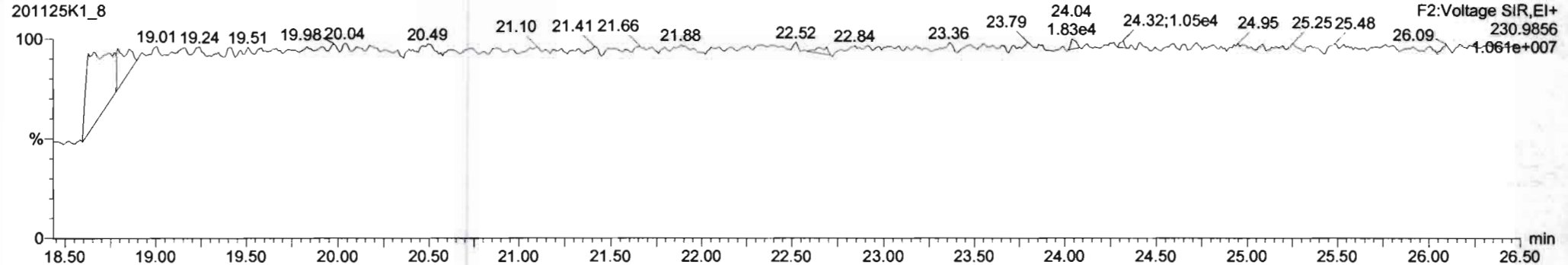
PCB-4/10

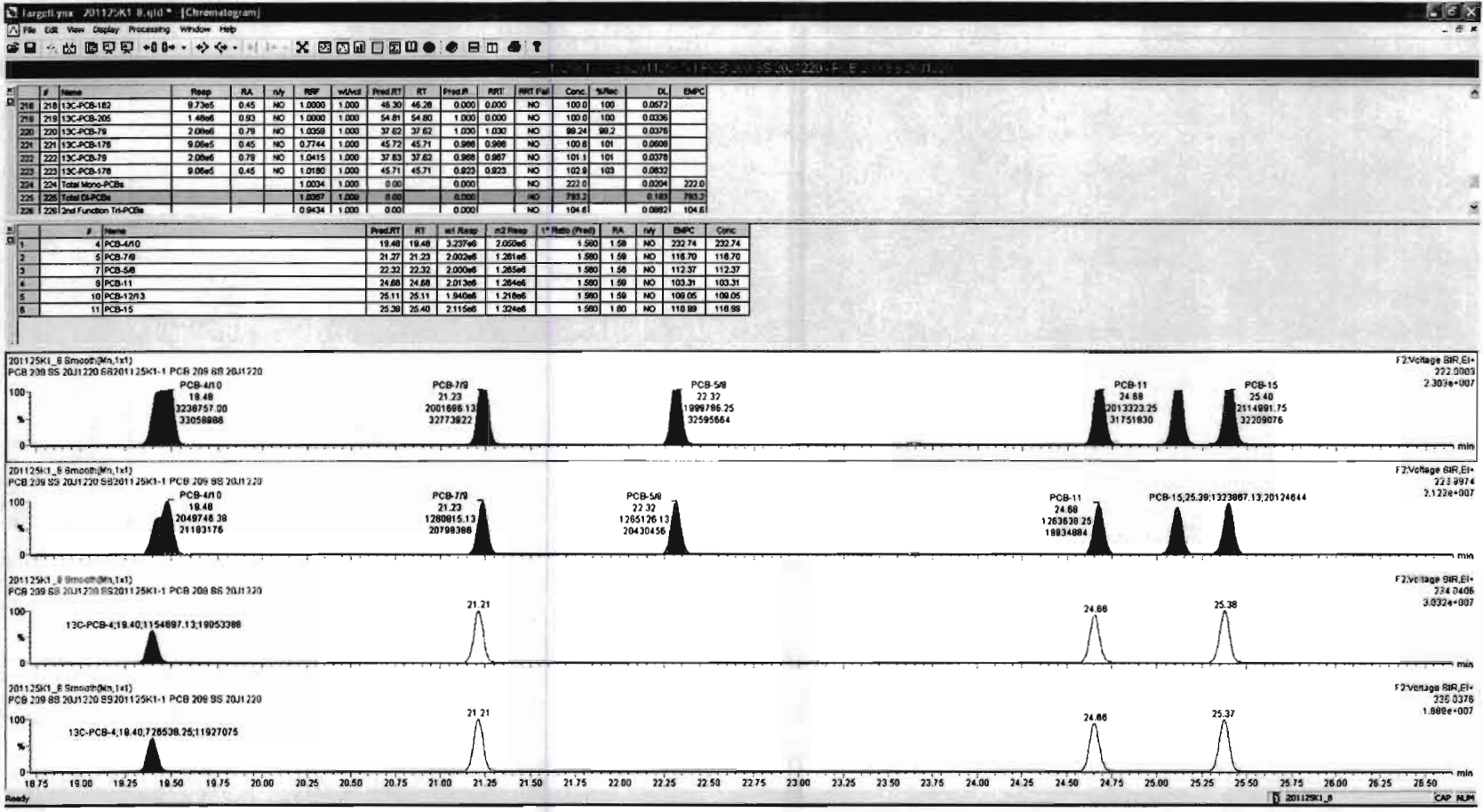


13C-PCB-4



PFK2a





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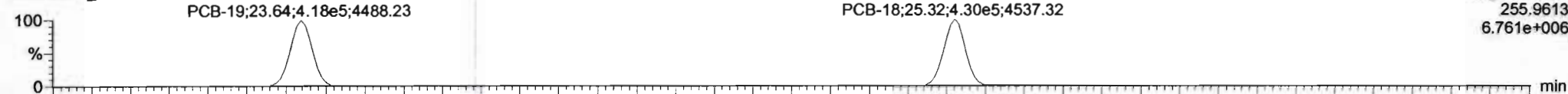
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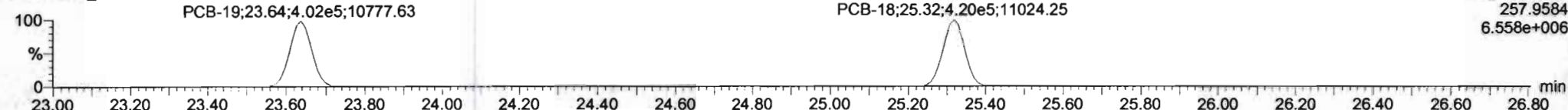
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PCB-19

201125K1_8

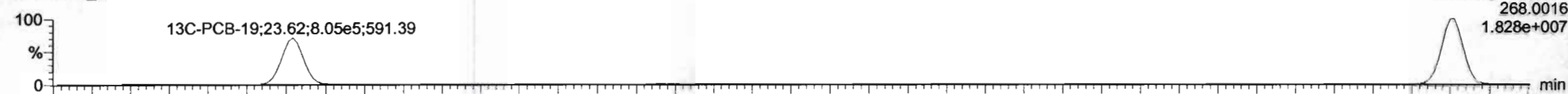


201125K1_8

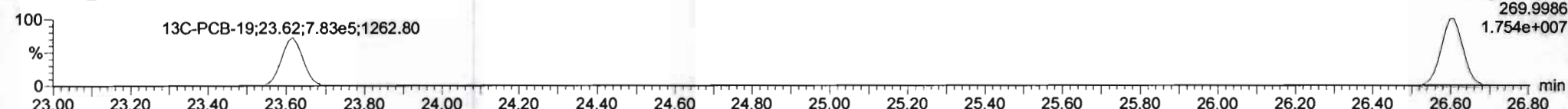


13C-PCB-19

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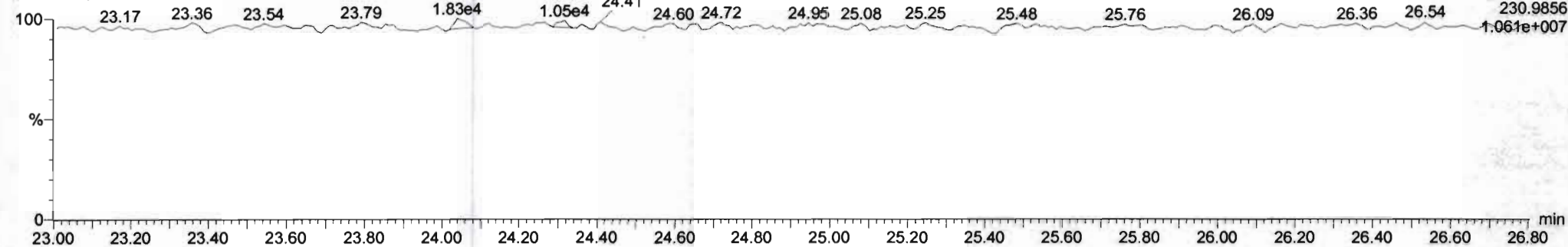


201125K1_8



PFK2b

201125K1_8



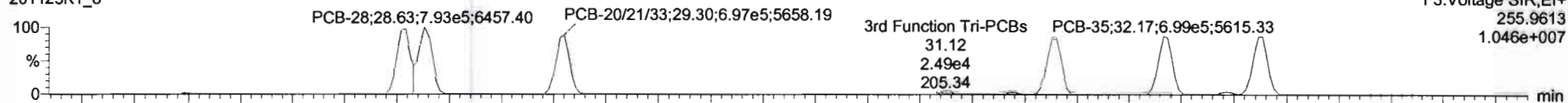
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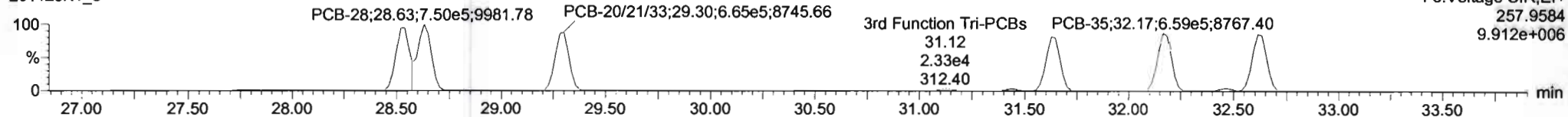
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PCB-34

201125K1_8

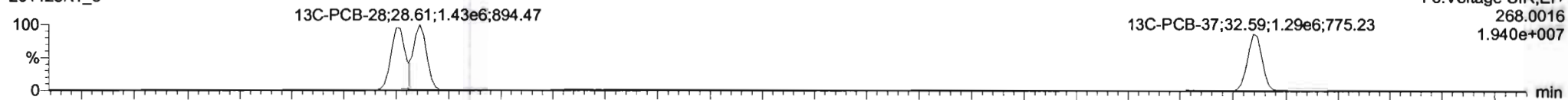


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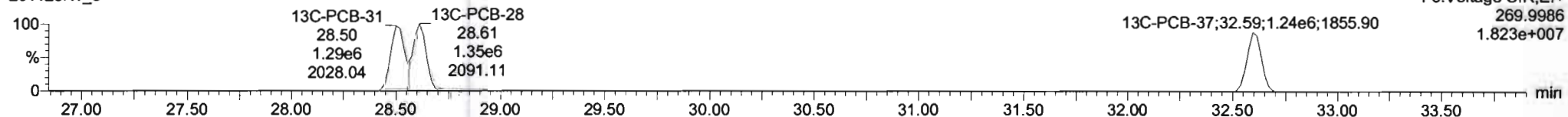


13C-PCB-28

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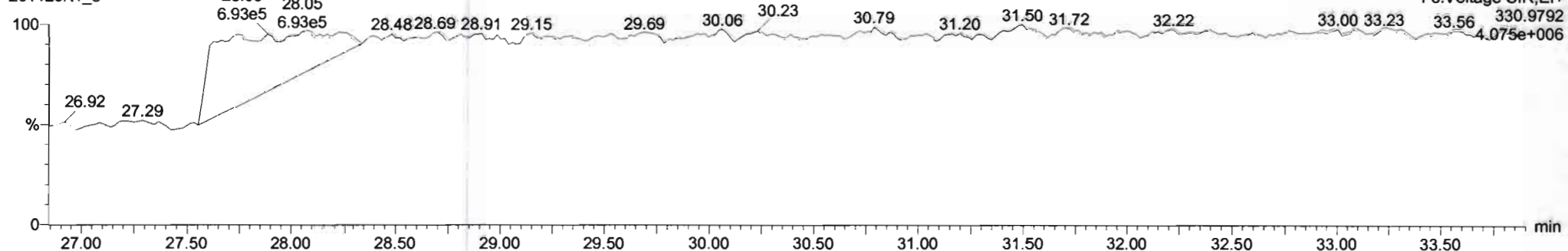


201125K1_8



PFK3d

201125K1_8



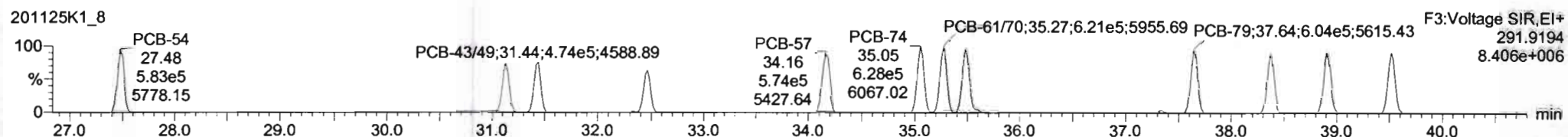
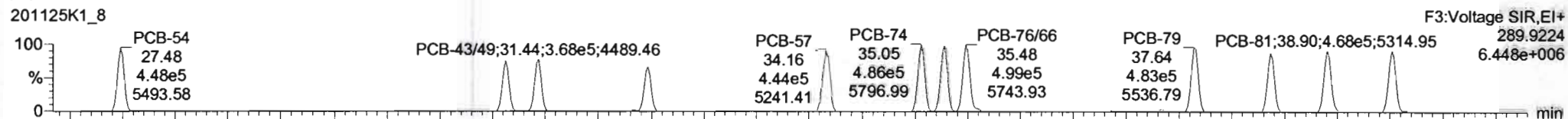
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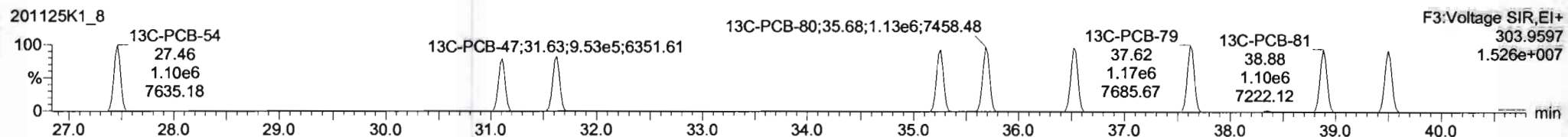
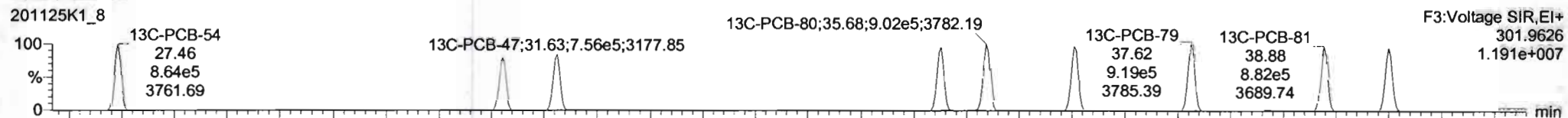
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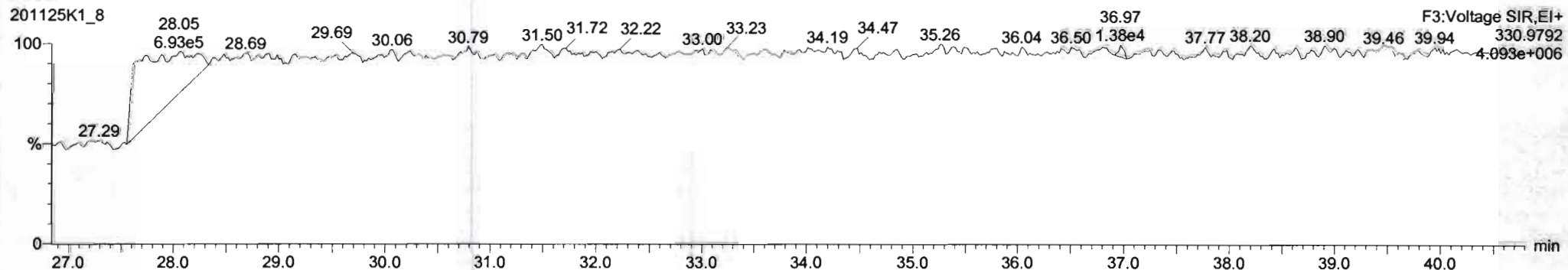
PCB-54



13C-PCB-54



PFK3a

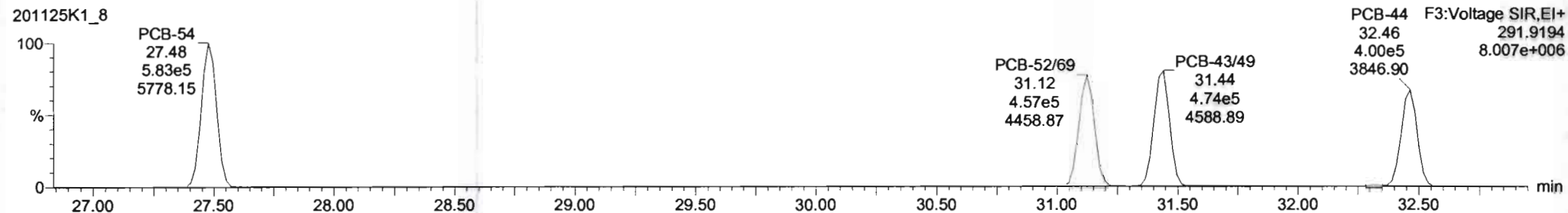
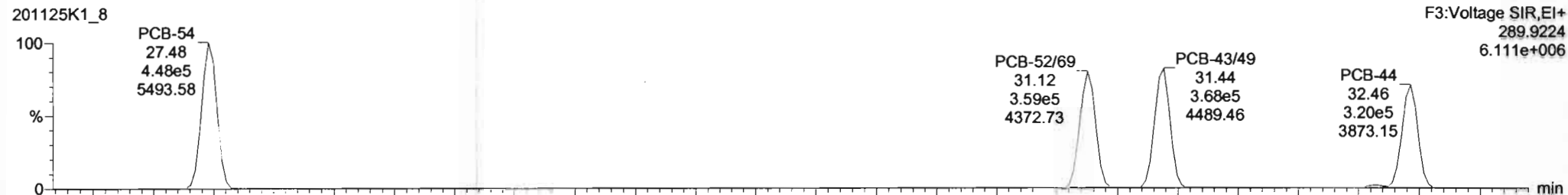


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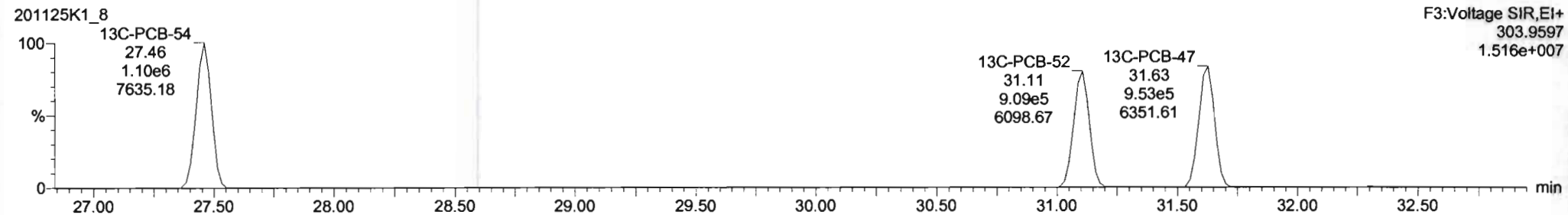
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PCB-50



13C-PCB-52



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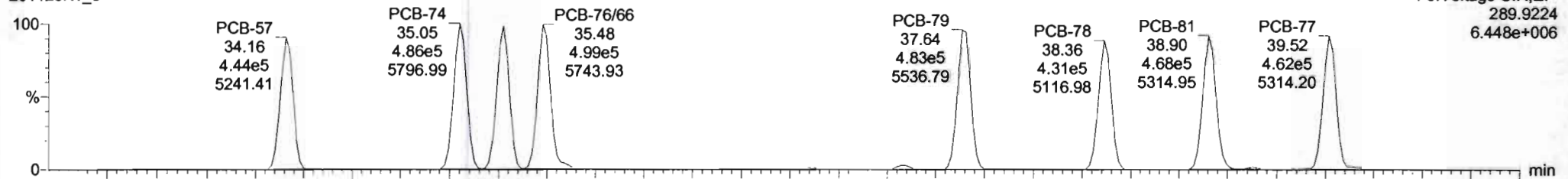
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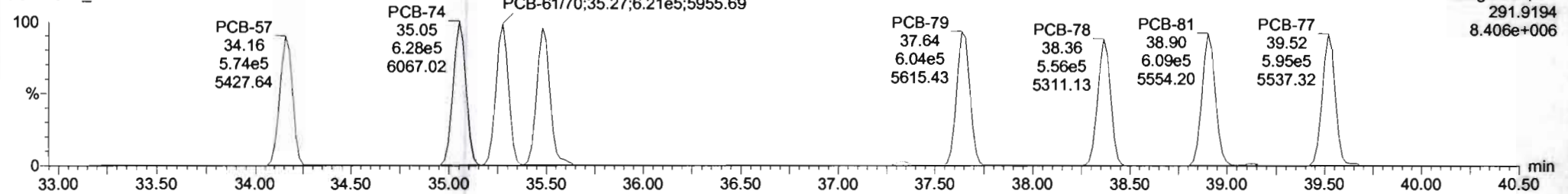
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PCB-68

201125K1_8

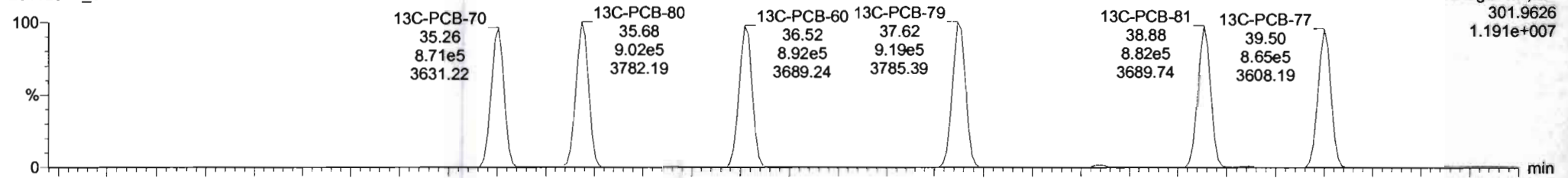


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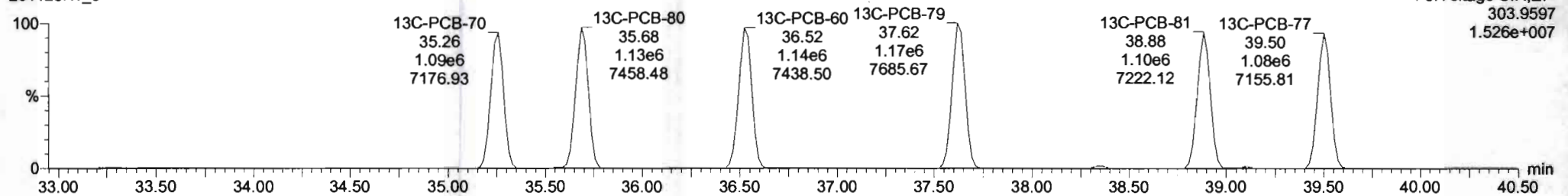


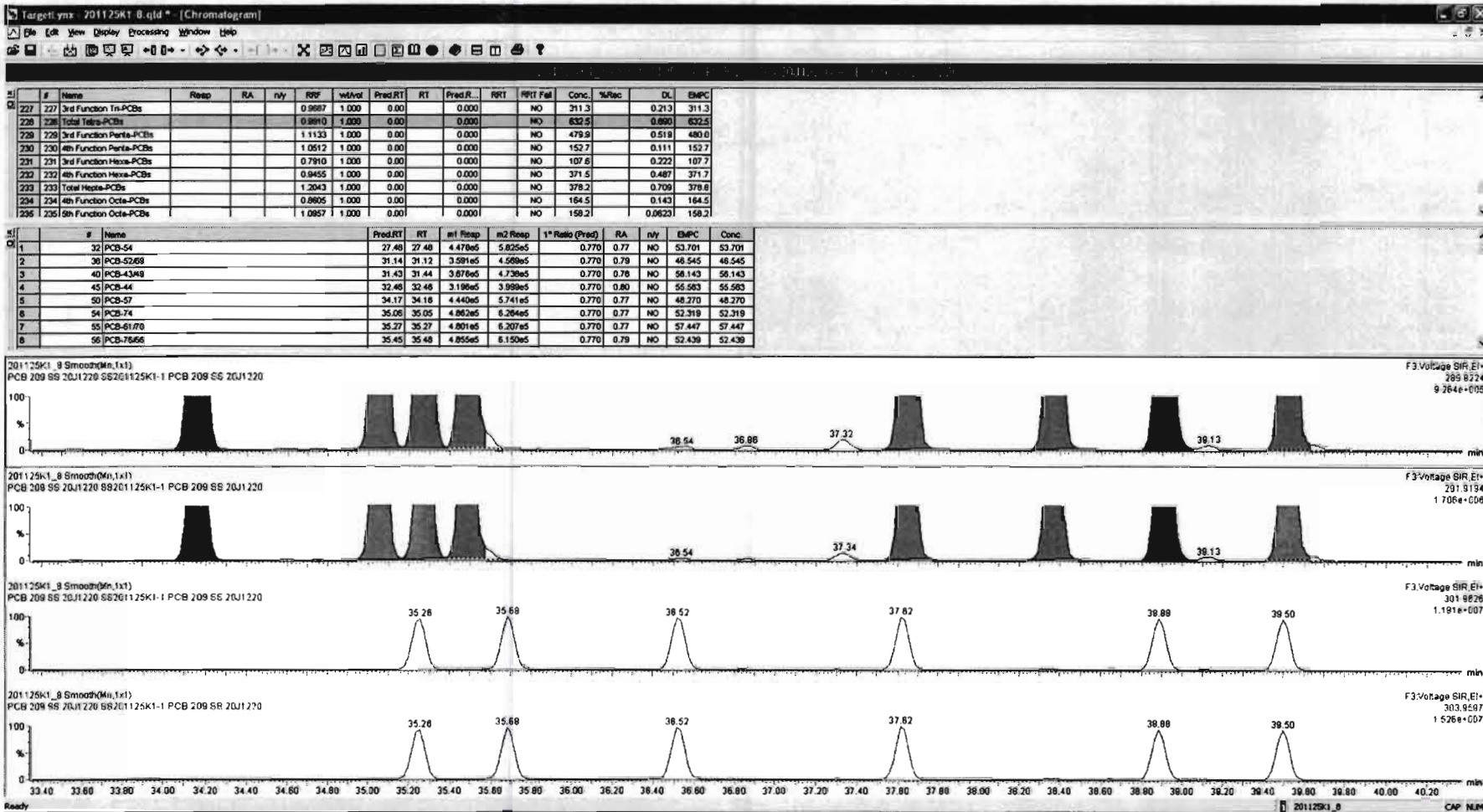
13C-PCB-60

201125K1_8



201125K1_8



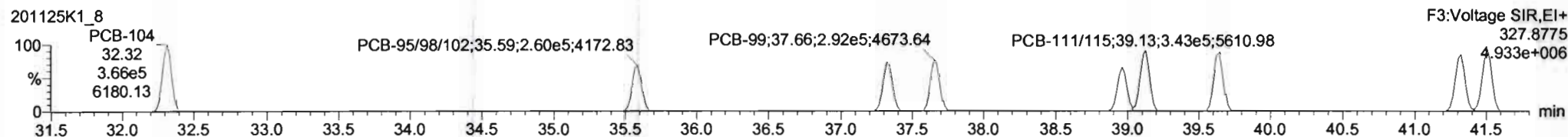
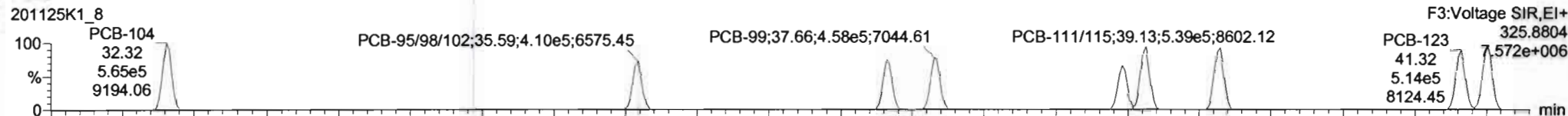


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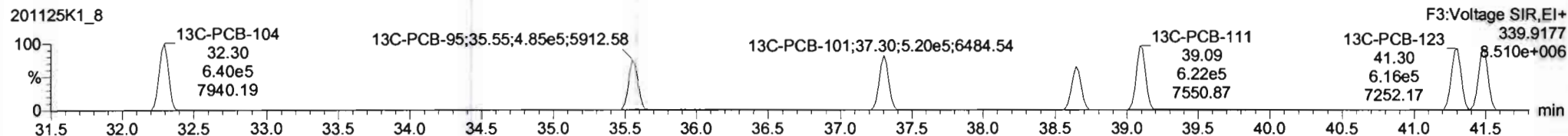
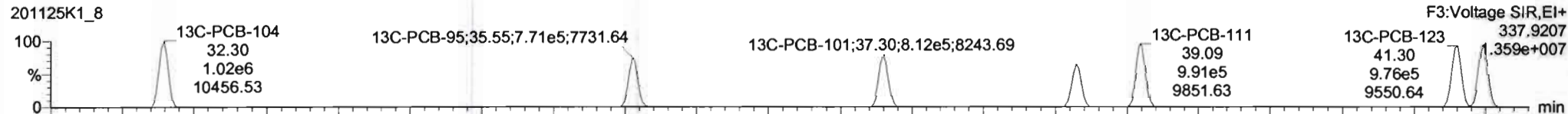
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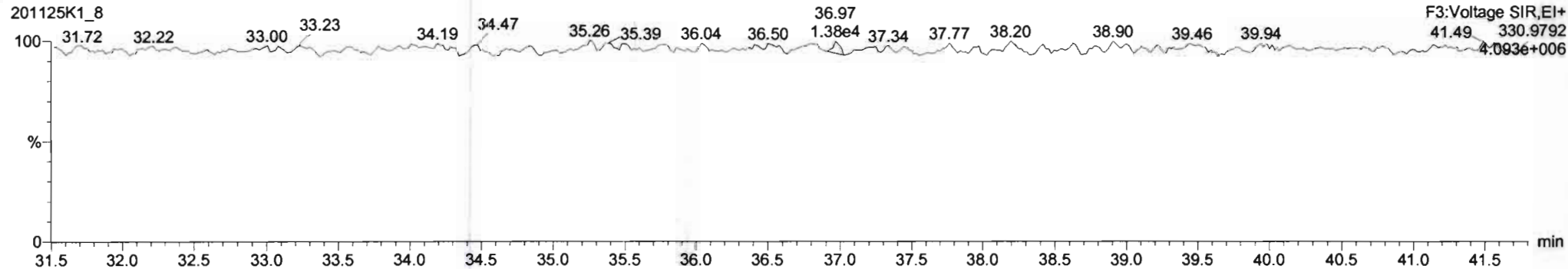
PCB-104



13C-PCB-104



PFK3b



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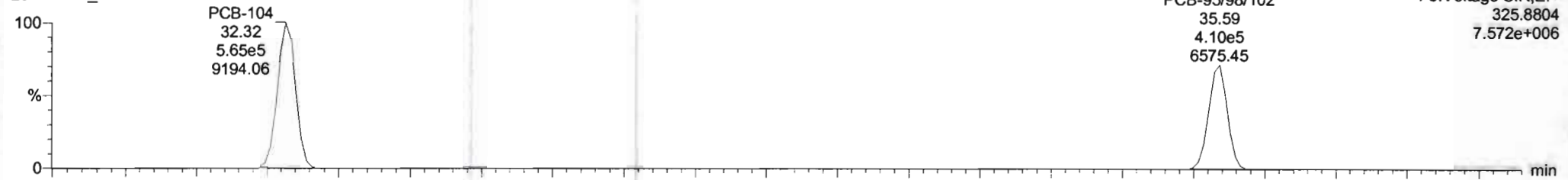
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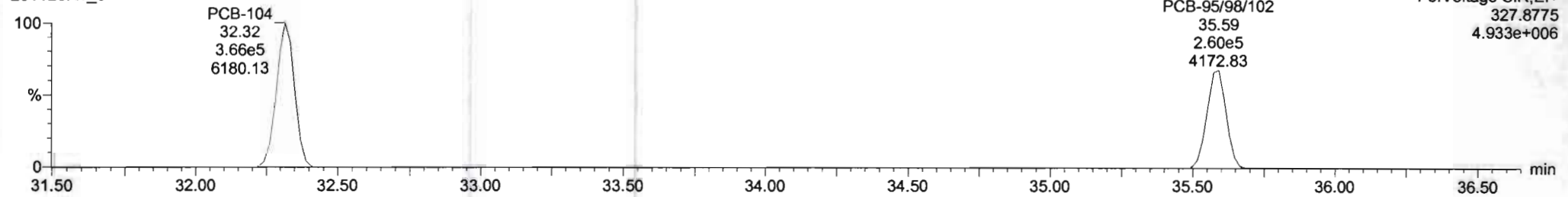
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PCB-96

201125K1_8

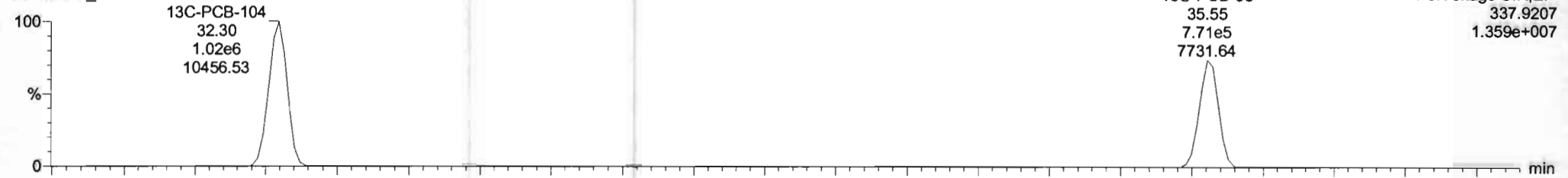


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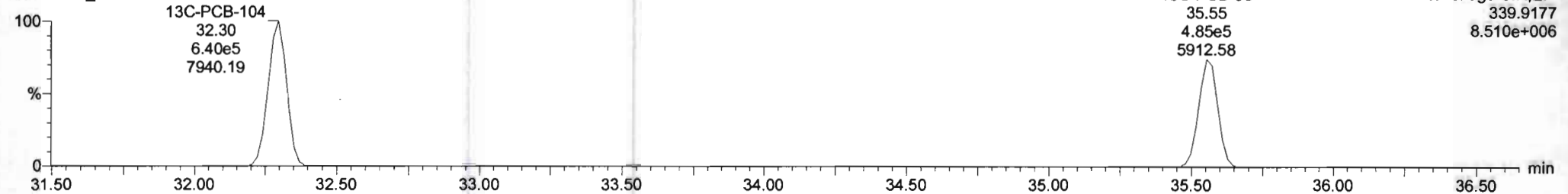


13C-PCB-95

201125K1_8



201125K1_8



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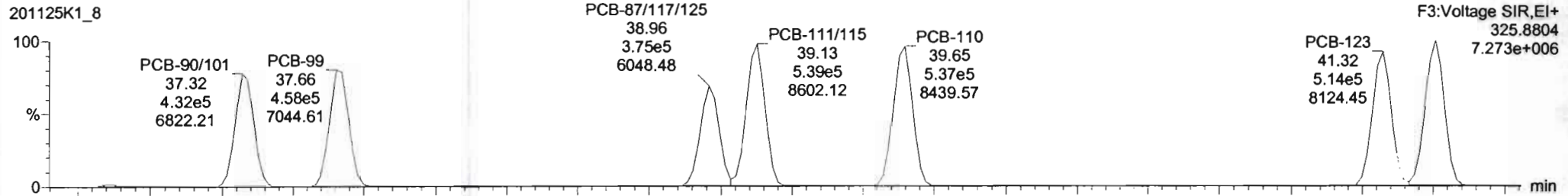
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

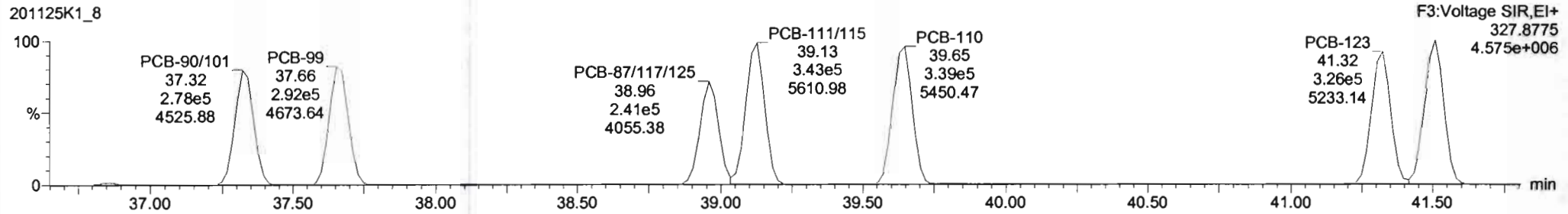
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PCB-119

201125K1_8

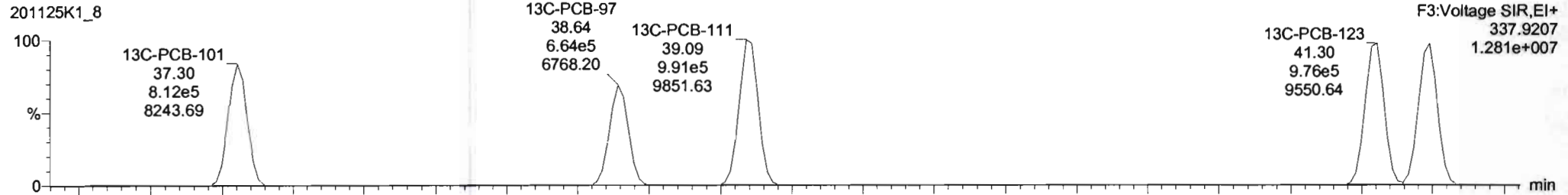


201125K1_8

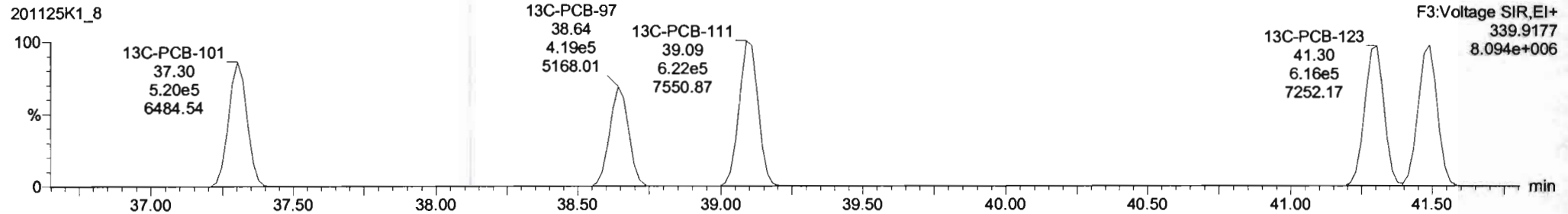


13C-PCB-111

201125K1_8



201125K1_8

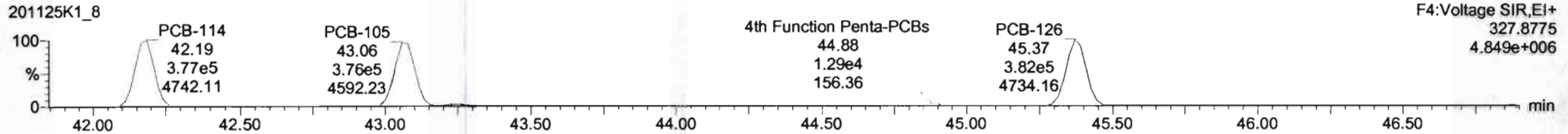
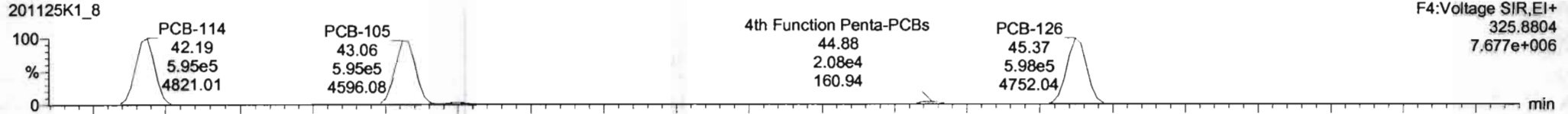


Dataset: Untitled

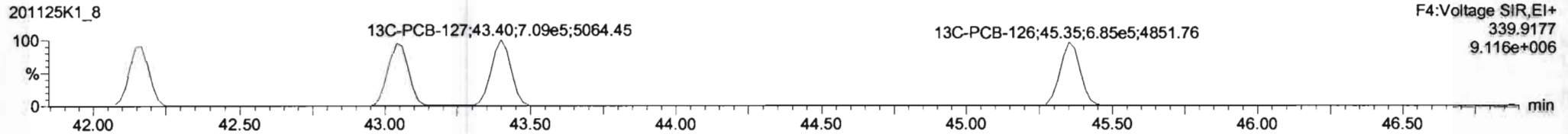
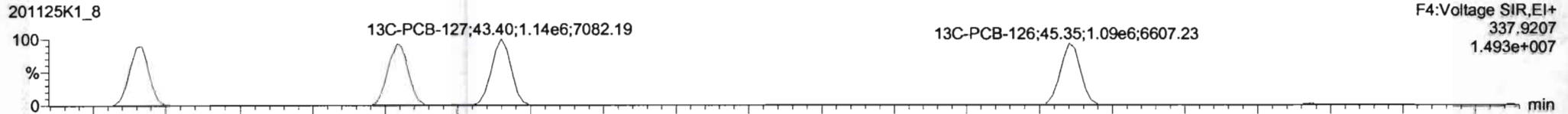
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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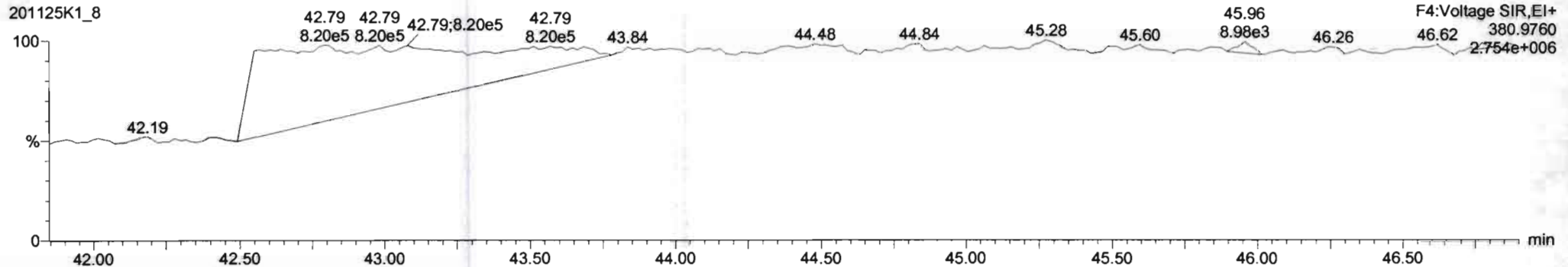
PCB-114



13C-PCB-114



PFK4a



Dataset: Untitled

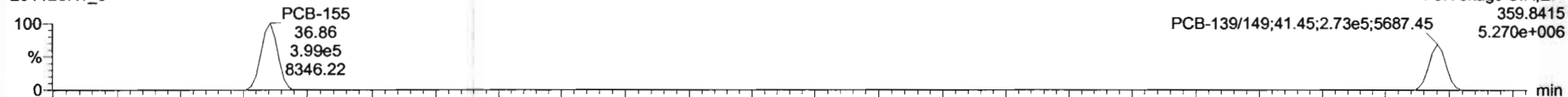
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

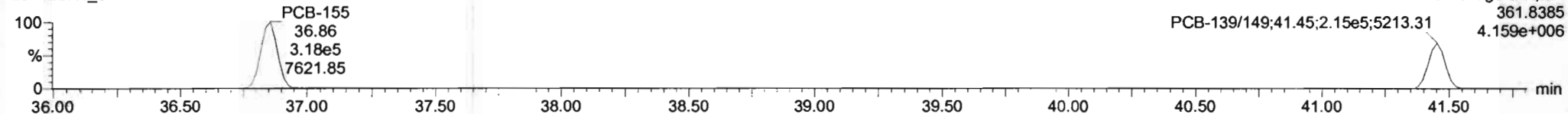
Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

PCB-155

201125K1_8

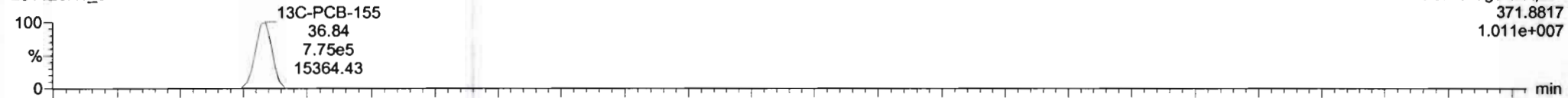


201125K1_8

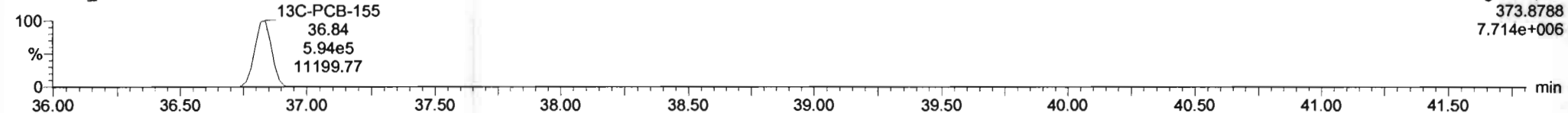


13C-PCB-155

201125K1_8

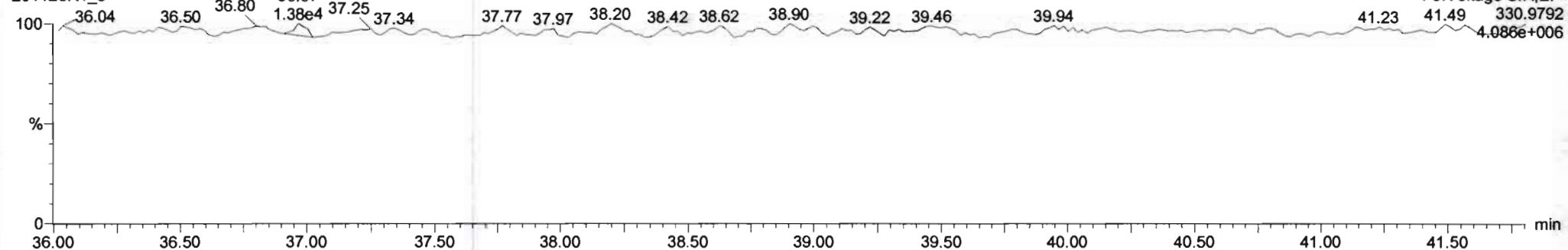


201125K1_8



PFK3c

201125K1_8

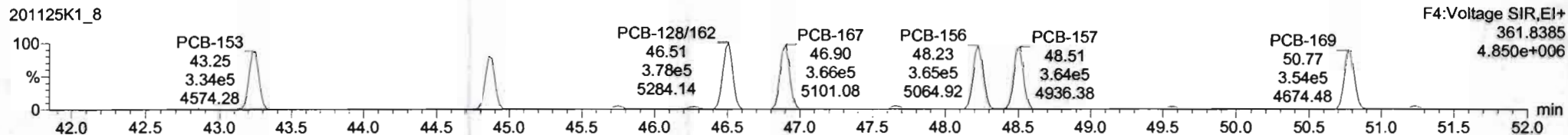
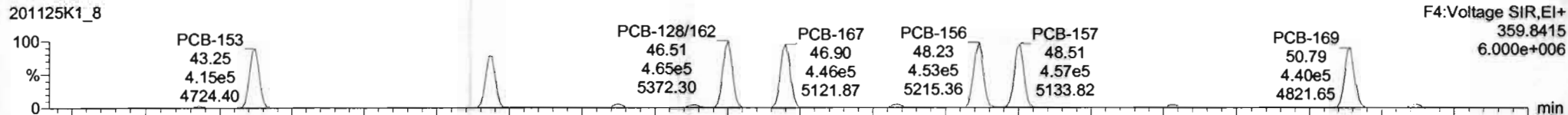


Dataset: Untitled

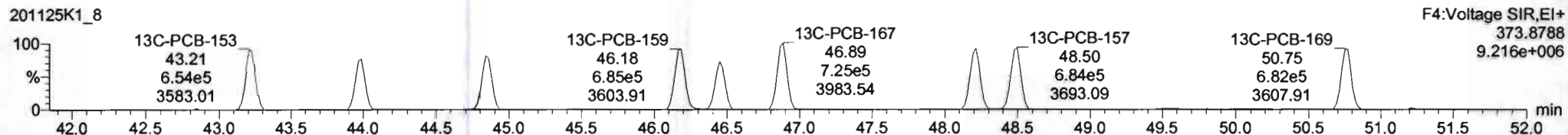
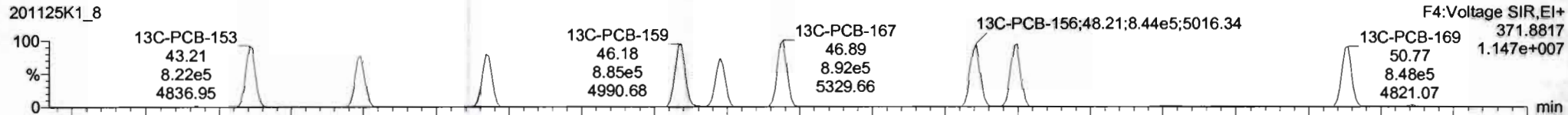
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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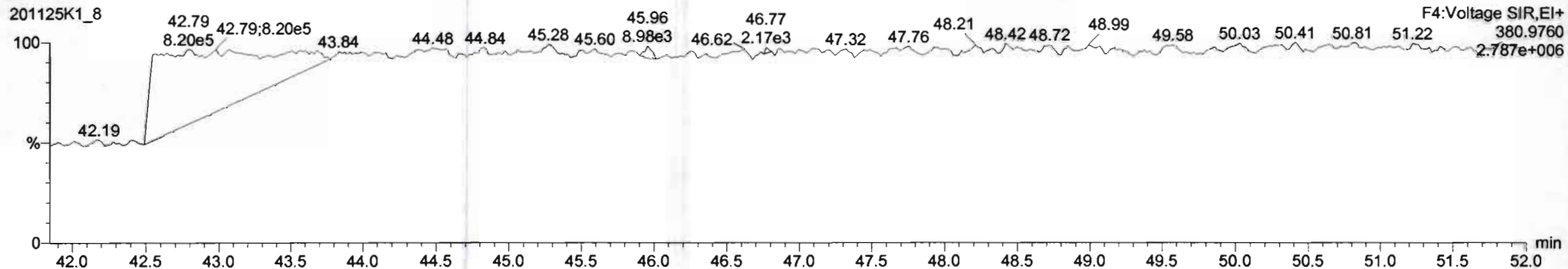
PCB-134/143



13C-PCB-153



PFK4b

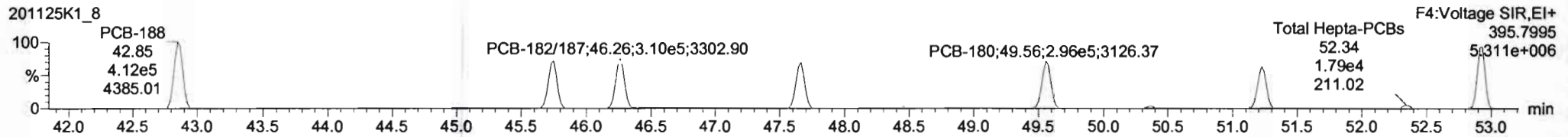
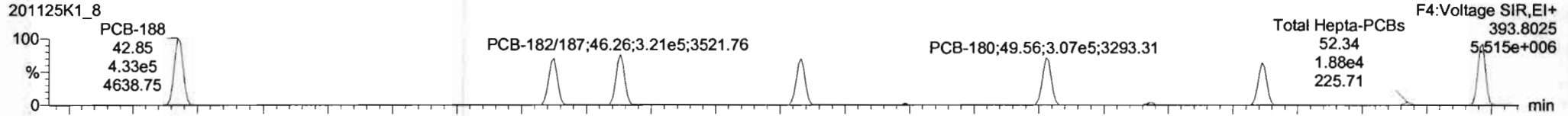


Dataset: Untitled

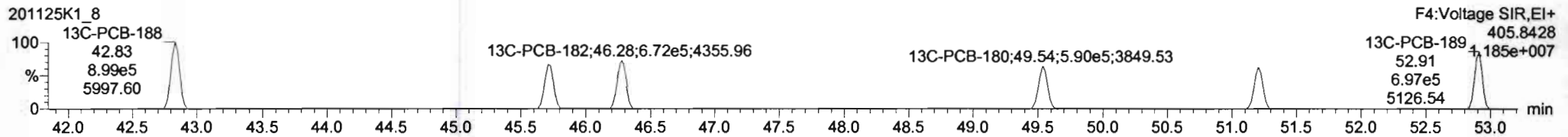
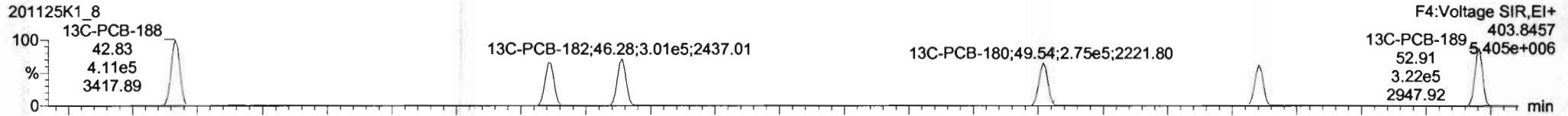
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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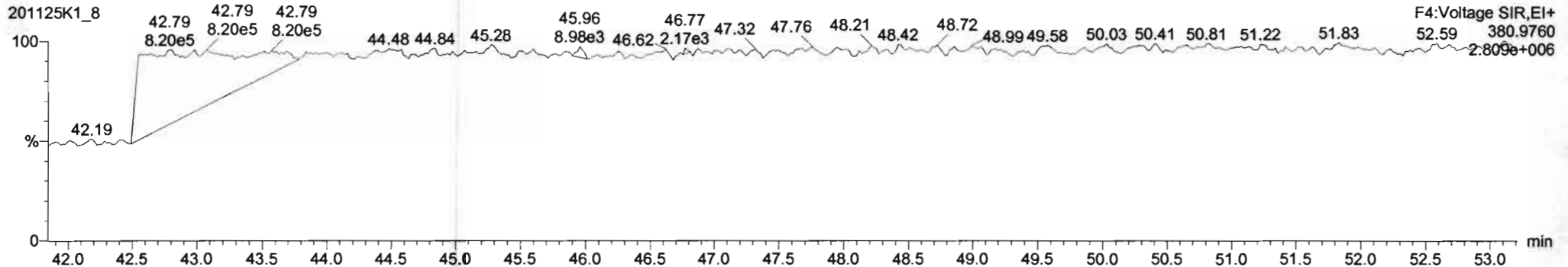
PCB-188



13C-PCB-188



PFK4c



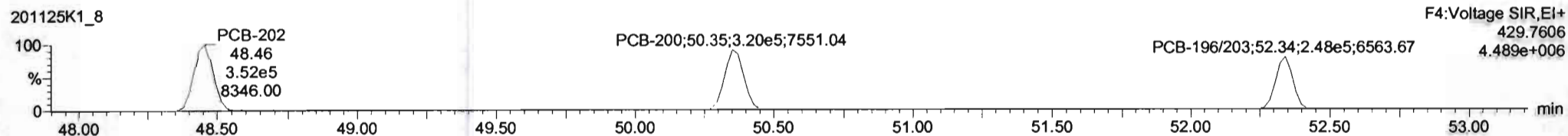
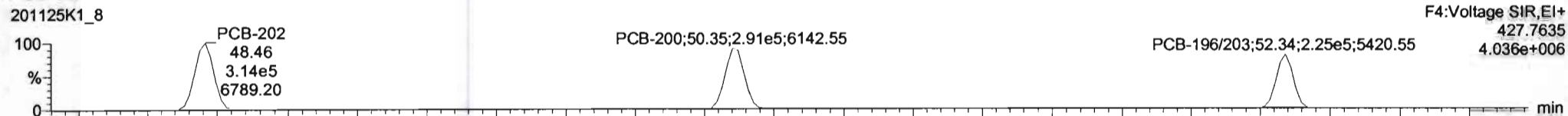
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

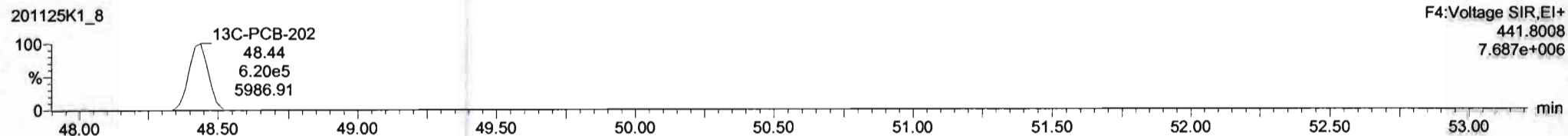
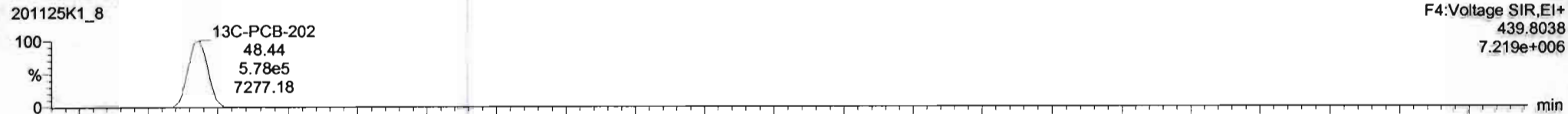
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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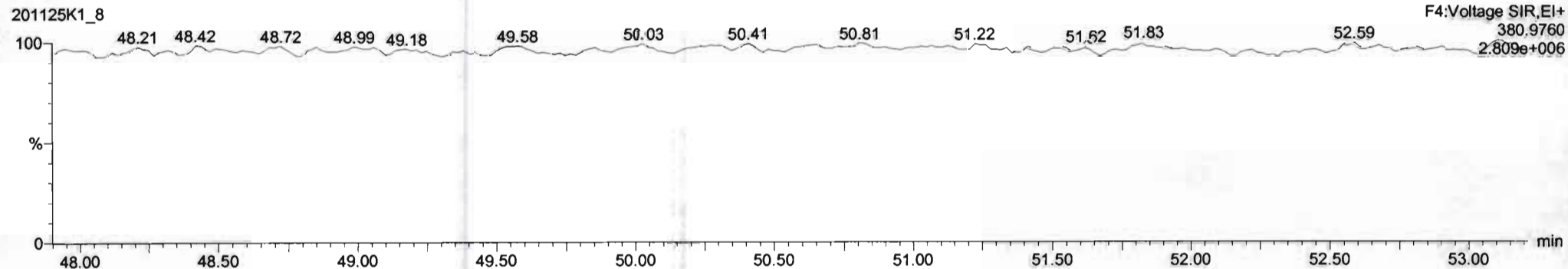
PCB-202



13C-PCB-202



PFK4d



Dataset: Untitled

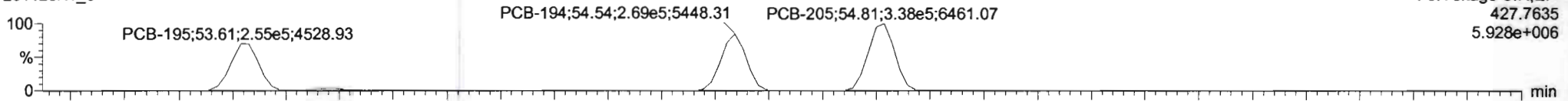
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

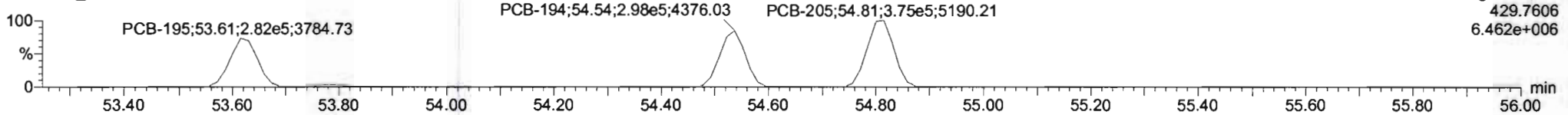
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PCB-195

201125K1_8

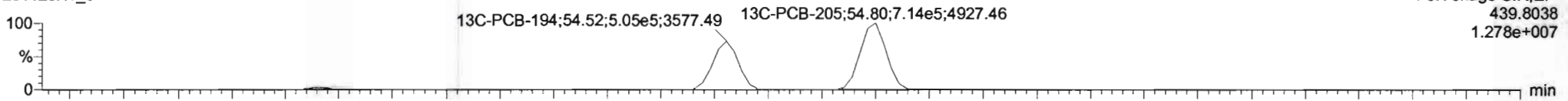


201125K1_8

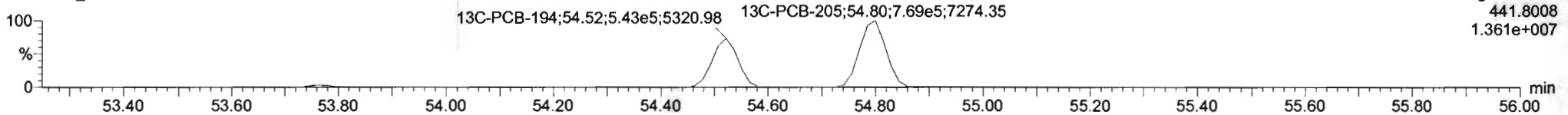


13C-PCB-194

201125K1_8

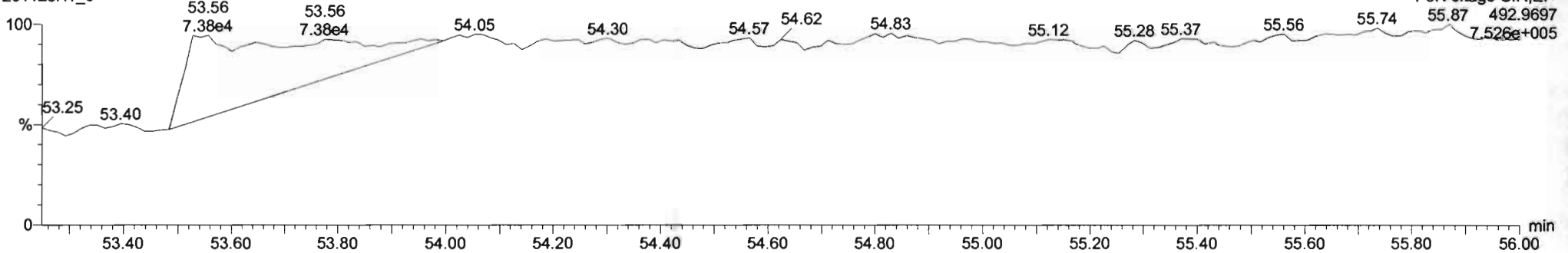


201125K1_8



PFK5a

201125K1_8



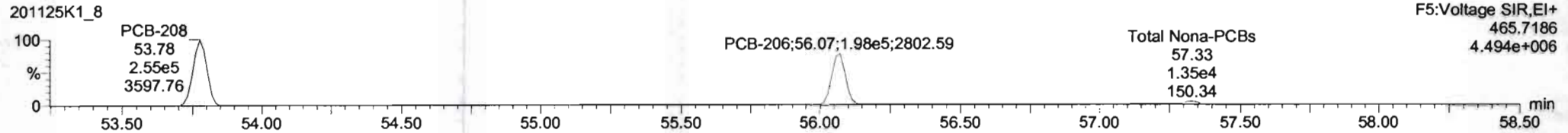
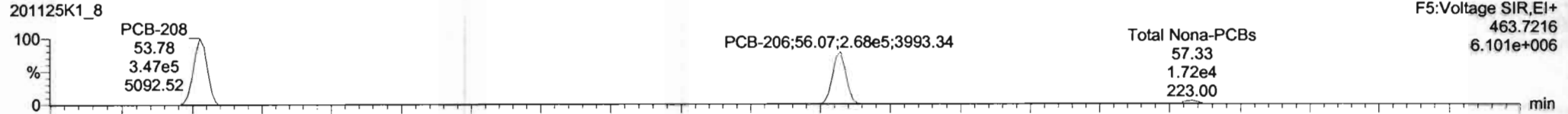
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

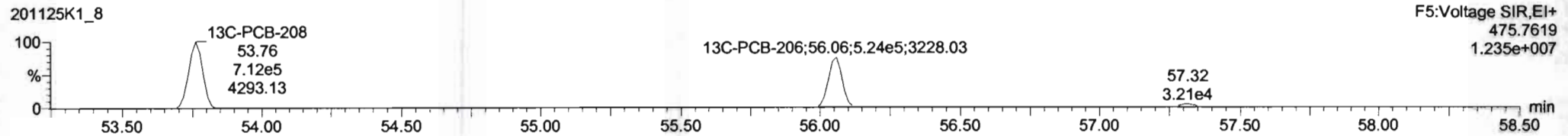
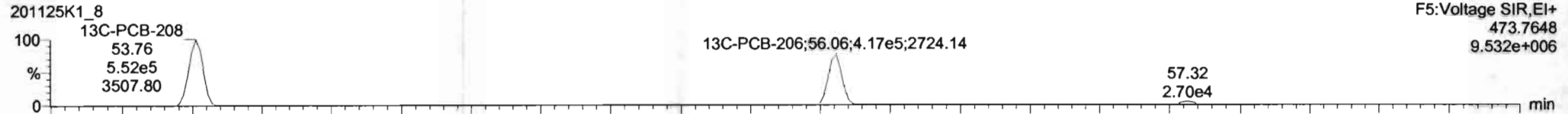
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_8, Date: 25-Nov-2020, Time: 16:54:25, ID: SS201125K1-1 PCB 209 SS 20J1220, Description: PCB 209 SS 20J1220

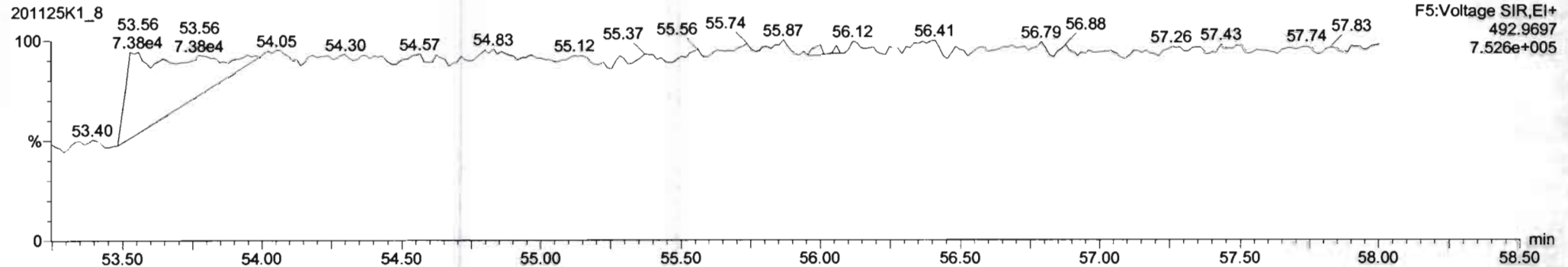
PCB-208



13C-PCB-208



PFK5



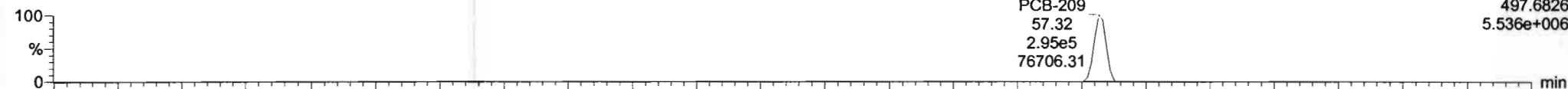
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

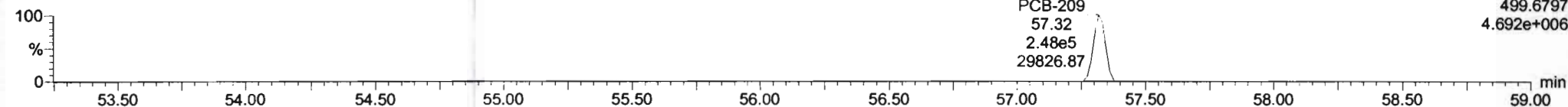
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PCB-209

201125K1_8

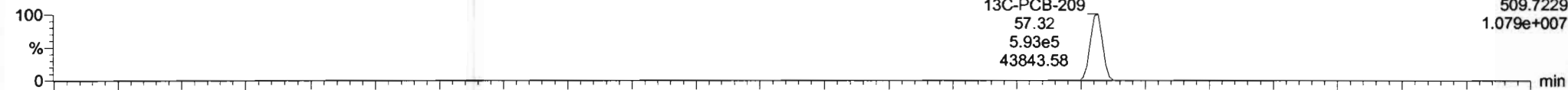


201125K1_8

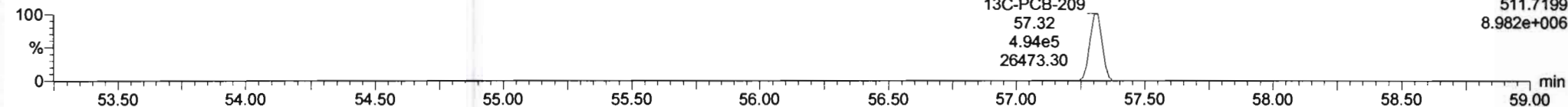


13C-PCB-209

201125K1_8

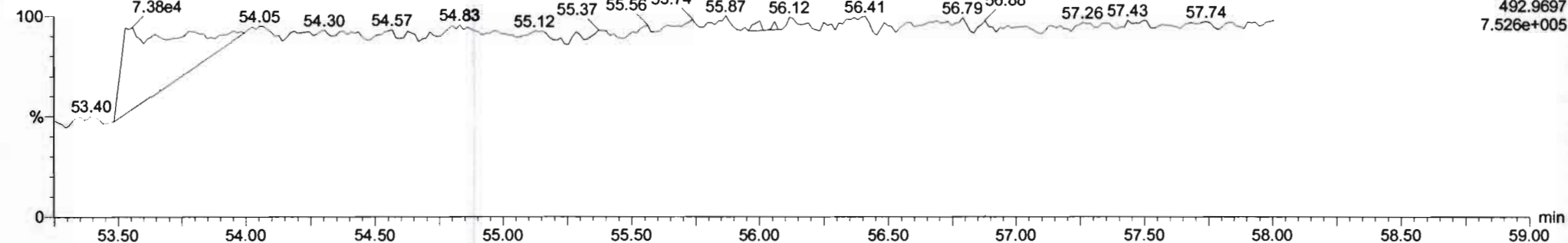


201125K1_8



PFK5b

201125K1_8



Dataset: Untitled

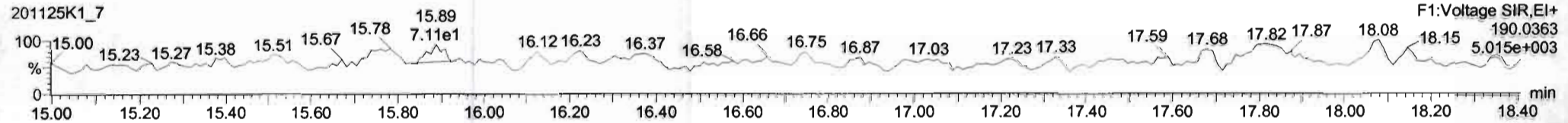
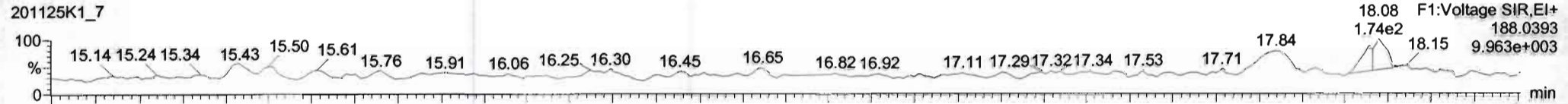
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

HZ *11-25-2020* *GRB 11/26/2020*

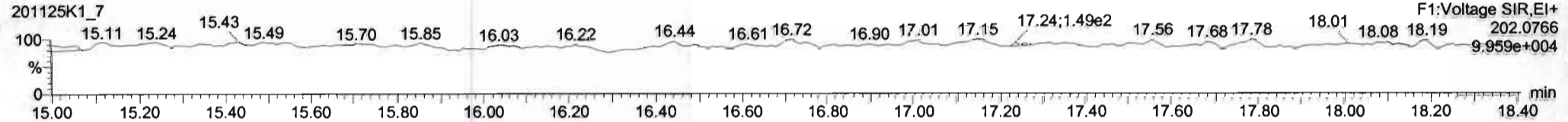
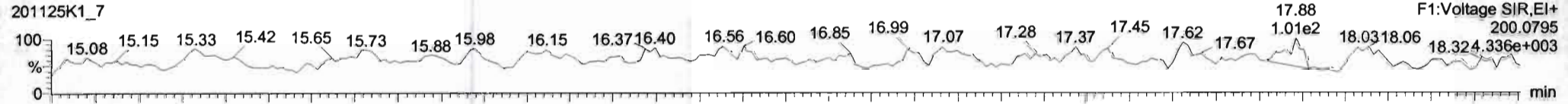
Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_11-24-20.mdb 25 Nov 2020 08:43:46
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 17:49:42

Name: 201125K1_7, Date: 25-Nov-2020, Time: 15:49:32, ID: SOLVENT BLANK, Description: SOLVENT BLANK

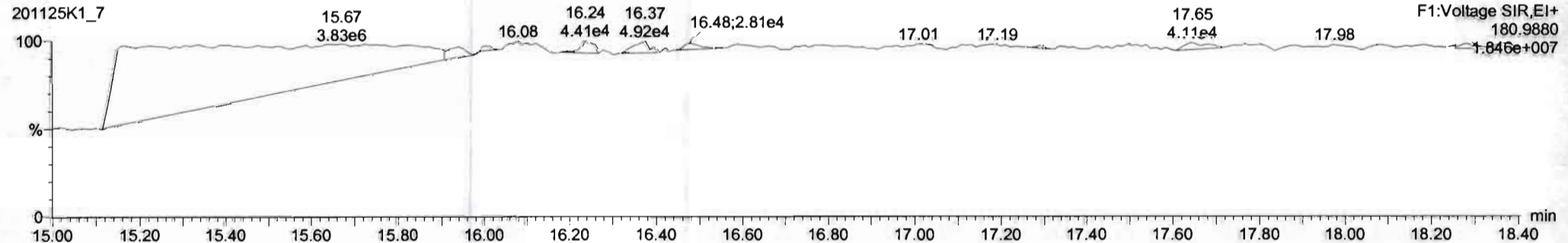
PCB-1



13C-PCB-1



PFK1



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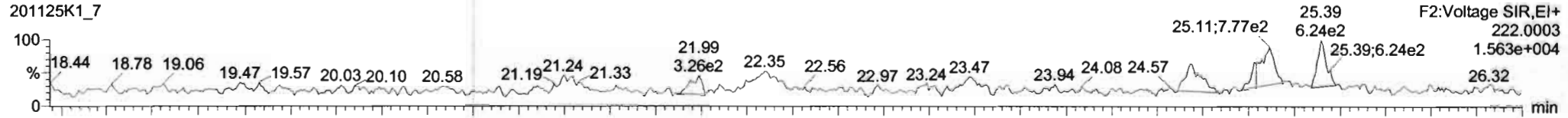
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

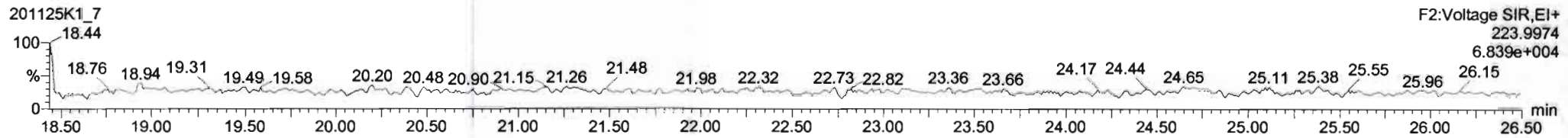
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PCB-4/10

201125K1_7

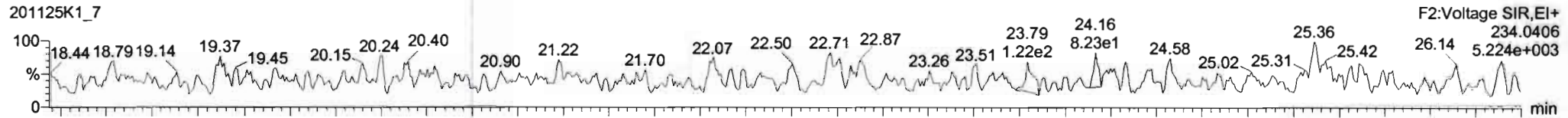


201125K1_7

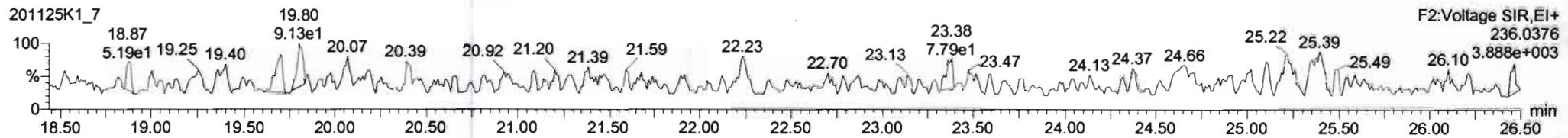


13C-PCB-4

201125K1_7

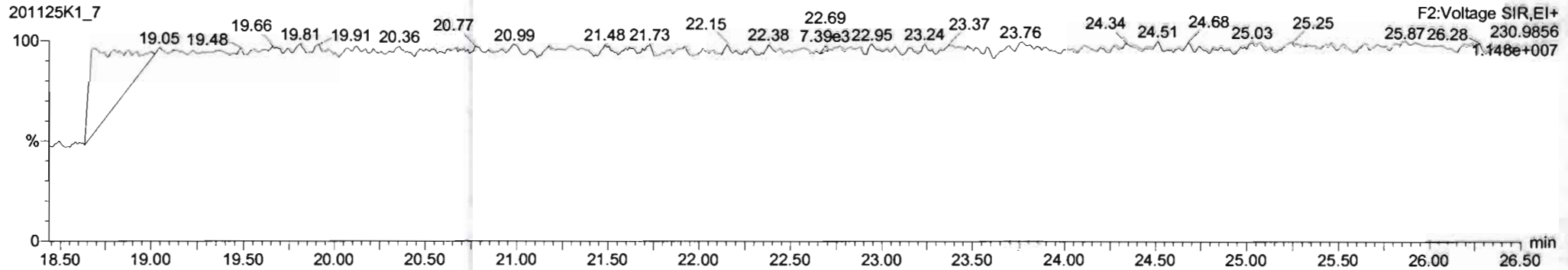


201125K1_7



PFK2a

201125K1_7



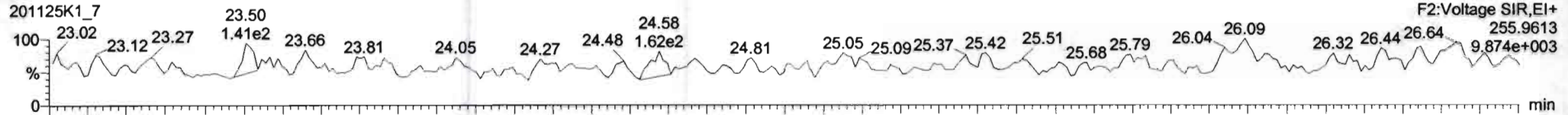
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

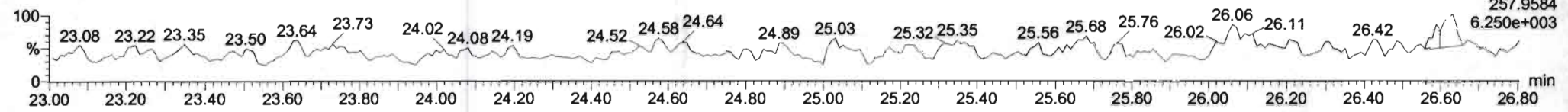
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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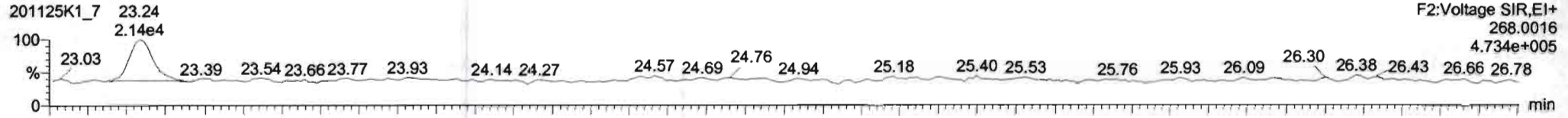
PCB-19



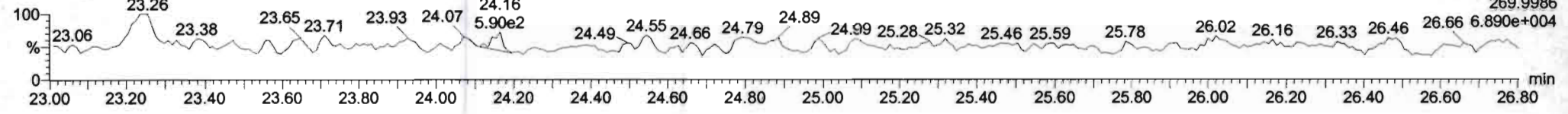
PCB-19



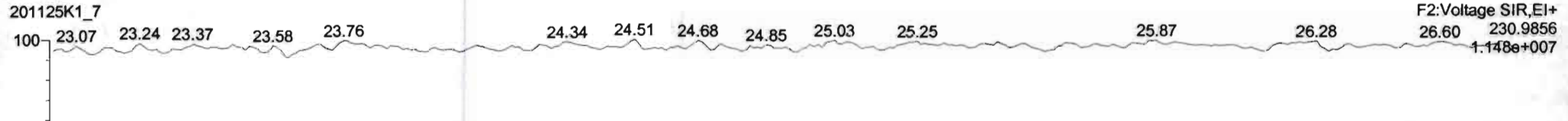
13C-PCB-19



PCB-19



PFK2b



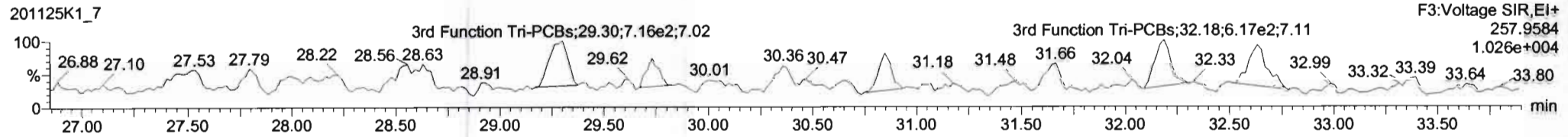
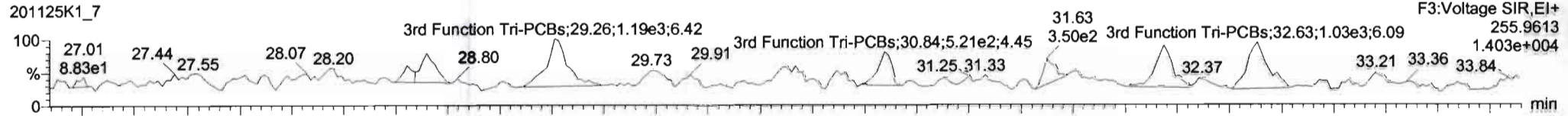
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

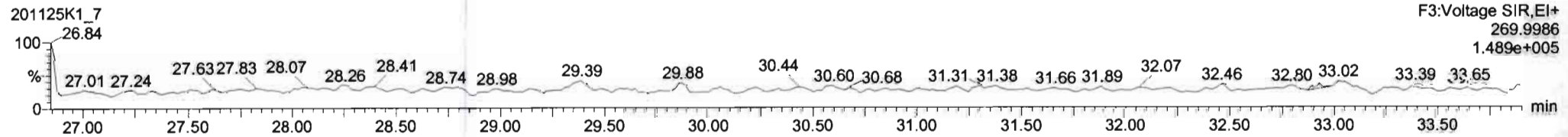
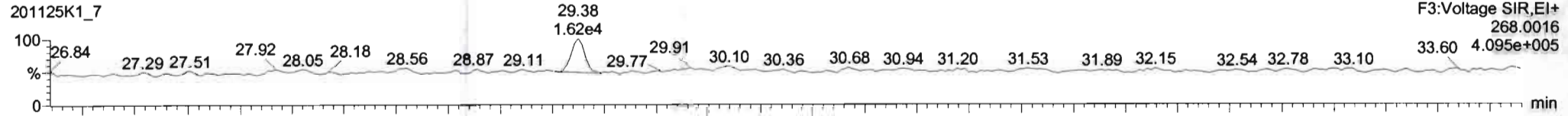
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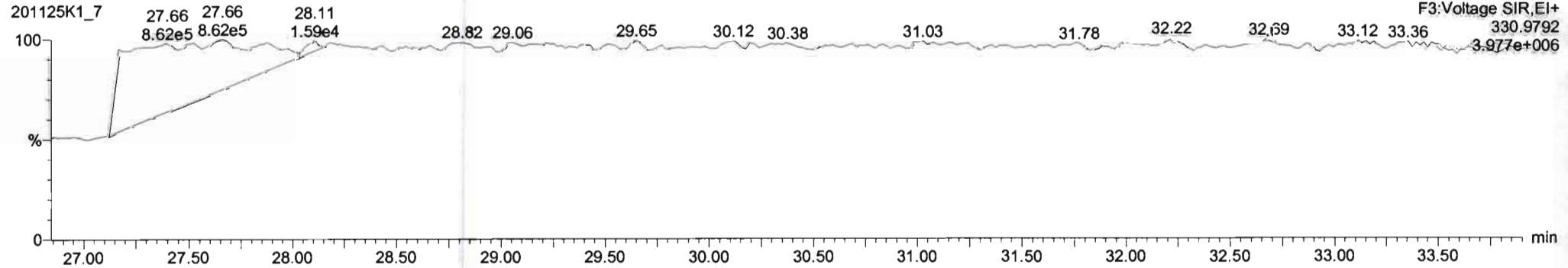
PCB-34



13C-PCB-28



PFK3d



Dataset: Untitled

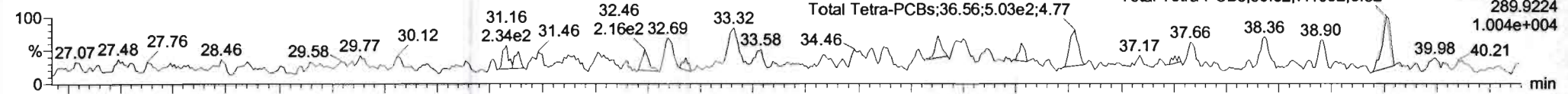
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

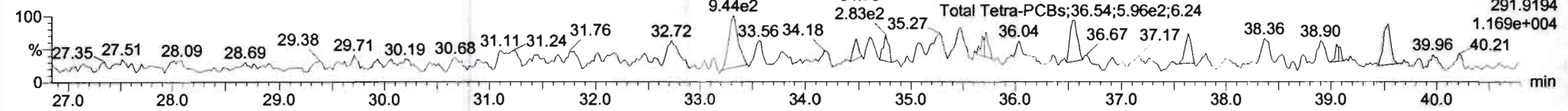
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PCB-54

201125K1_7

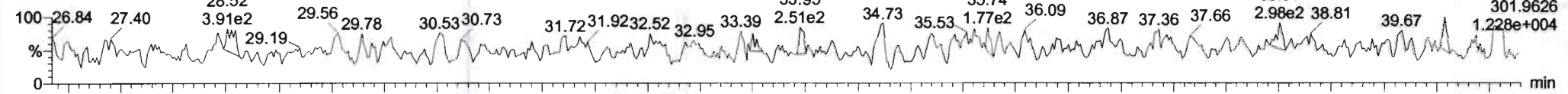


201125K1_7

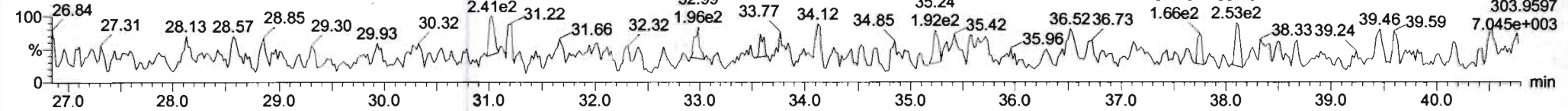


13C-PCB-54

201125K1_7

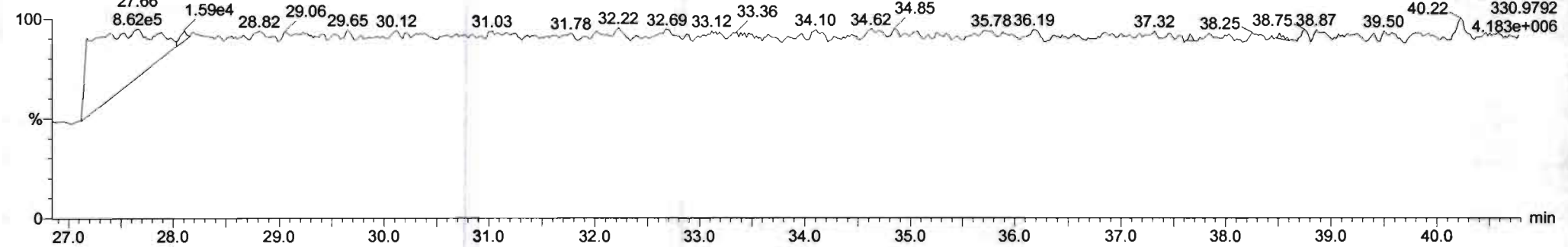


201125K1_7



PFK3a

201125K1_7



Dataset: Untitled

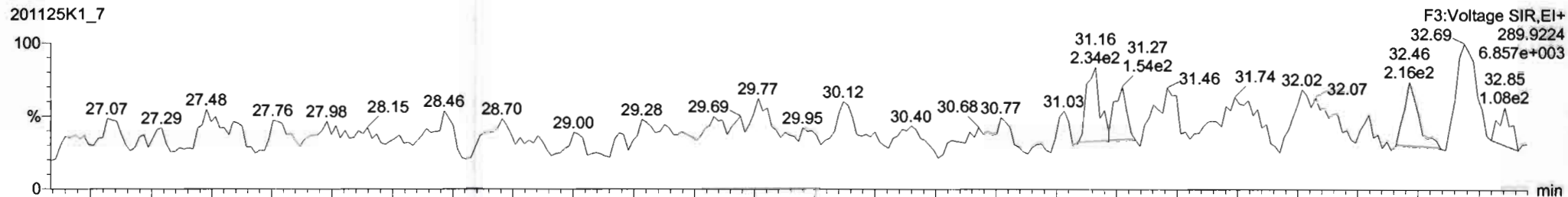
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

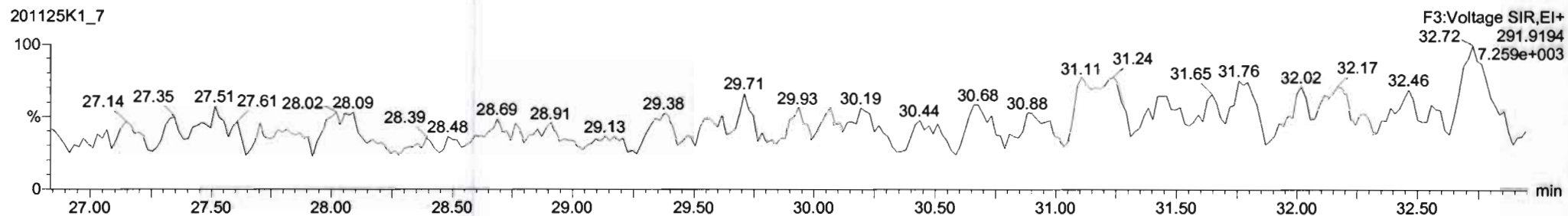
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PCB-50

201125K1_7

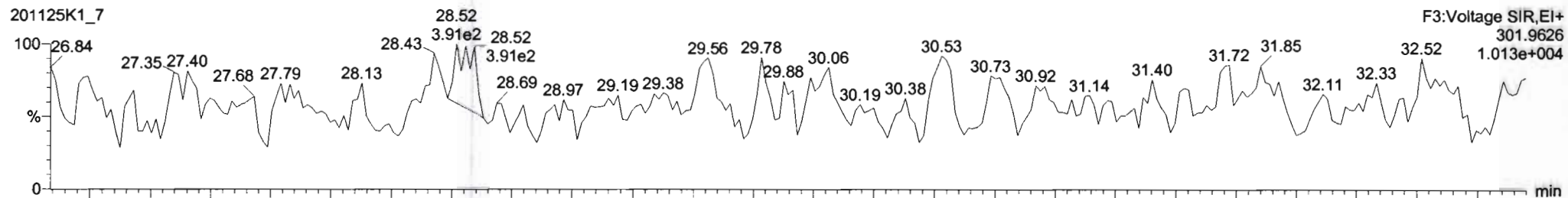


201125K1_7

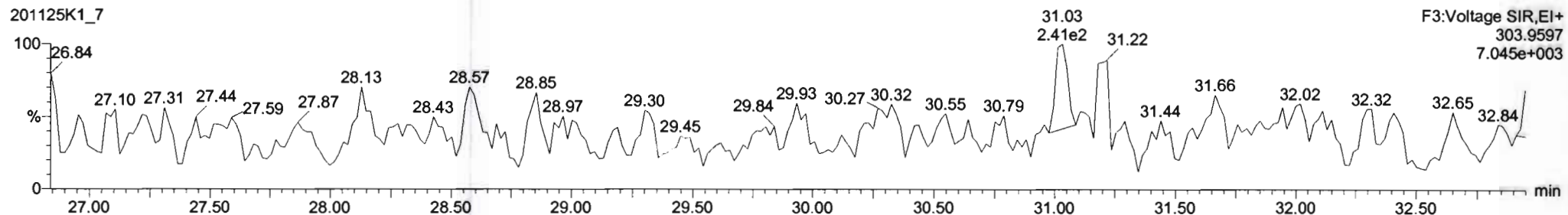


13C-PCB-52

201125K1_7



201125K1_7



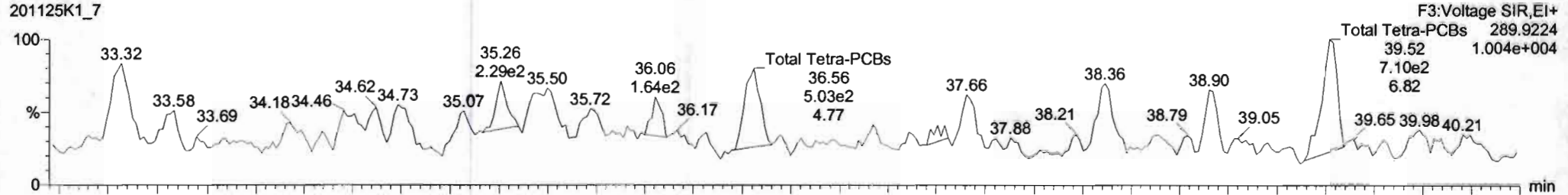
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

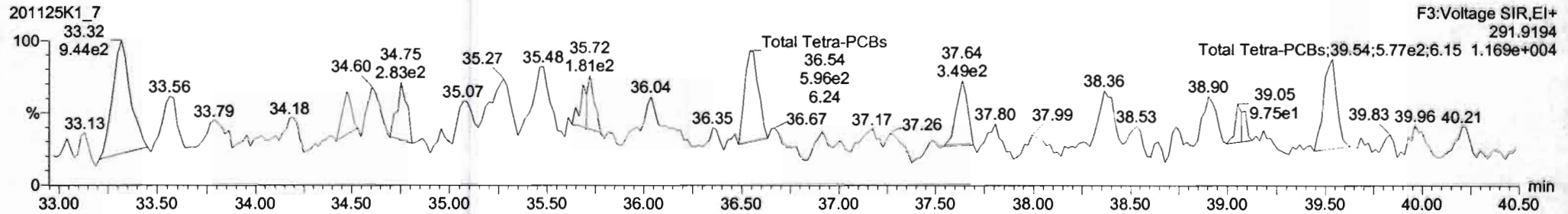
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PCB-68

201125K1_7

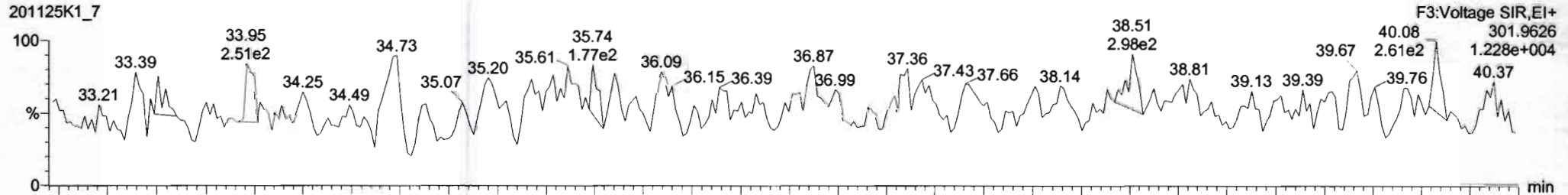


201125K1_7

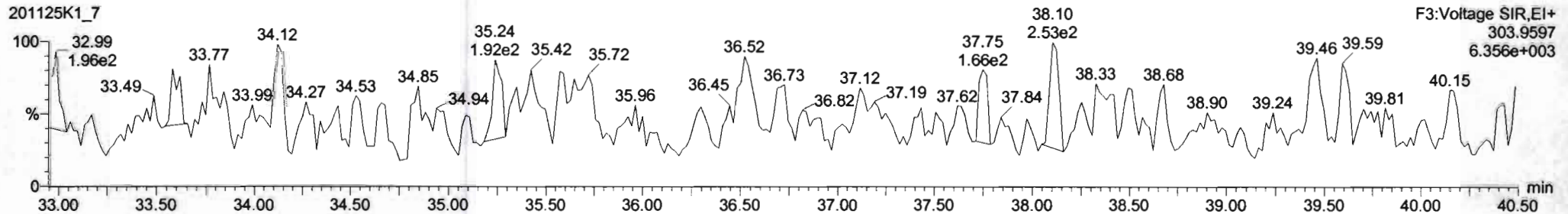


13C-PCB-60

201125K1_7



201125K1_7



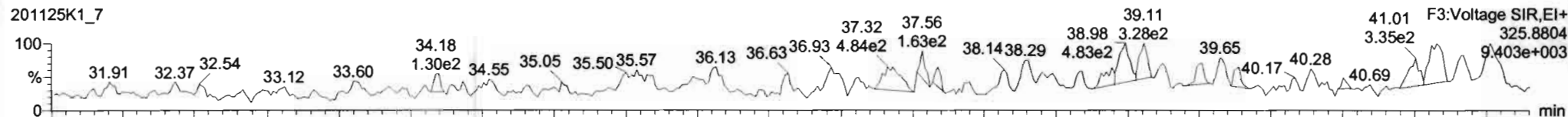
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

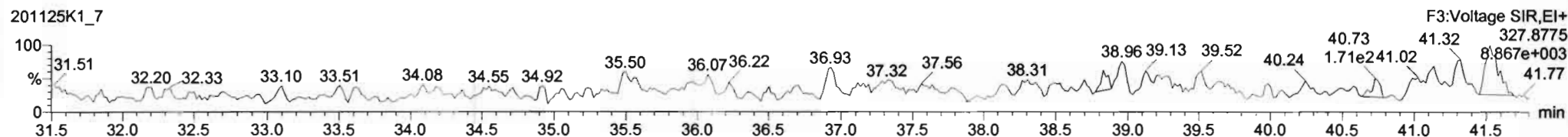
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PCB-104

201125K1_7

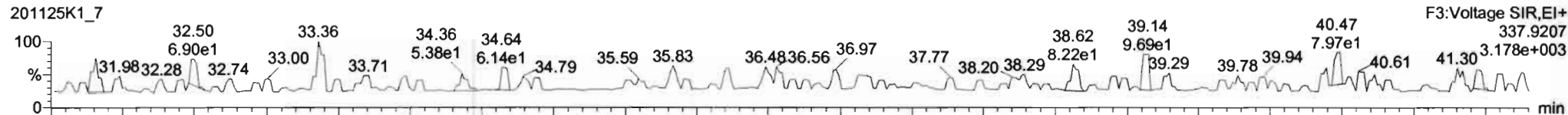


201125K1_7

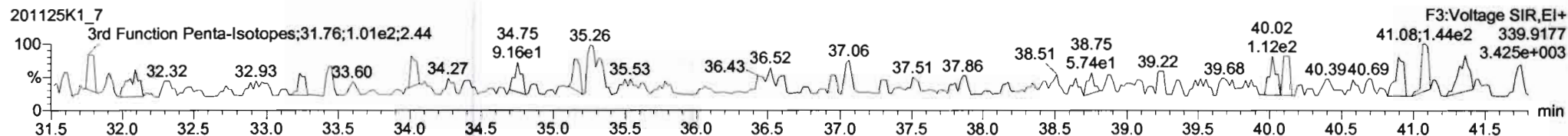


13C-PCB-104

201125K1_7

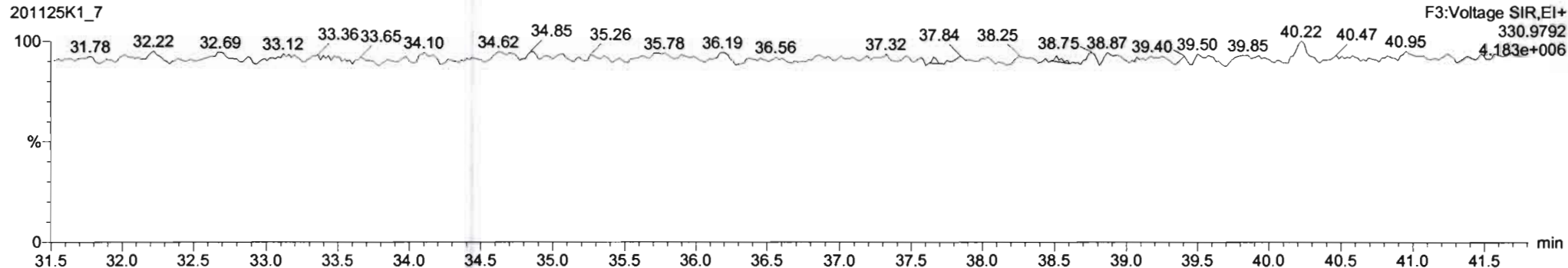


201125K1_7



PFK3b

201125K1_7



Dataset: Untitled

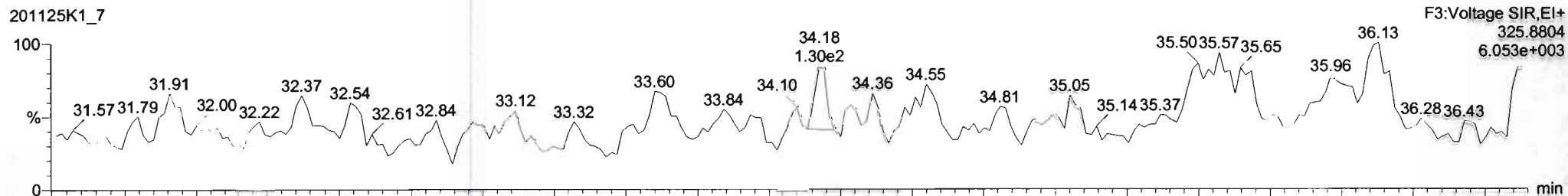
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

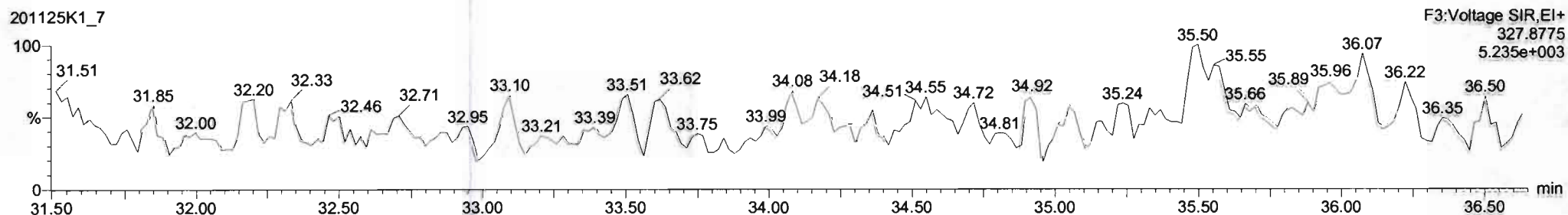
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PCB-96

201125K1_7

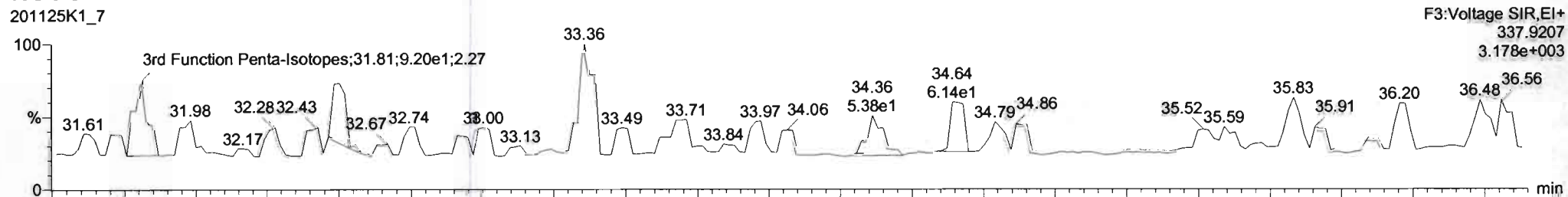


201125K1_7

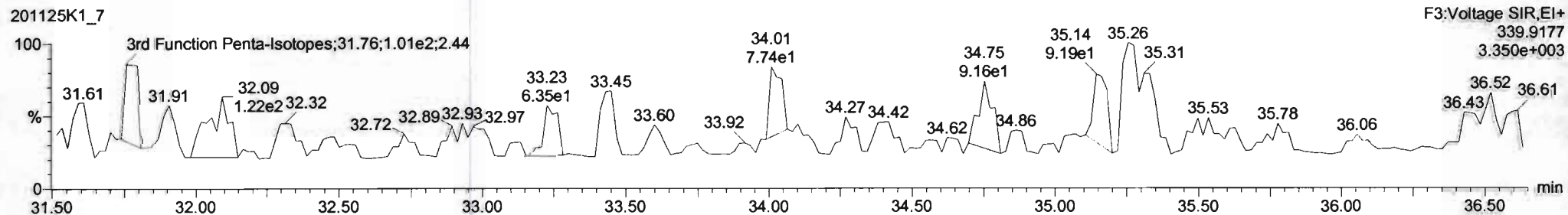


13C-PCB-95

201125K1_7



201125K1_7



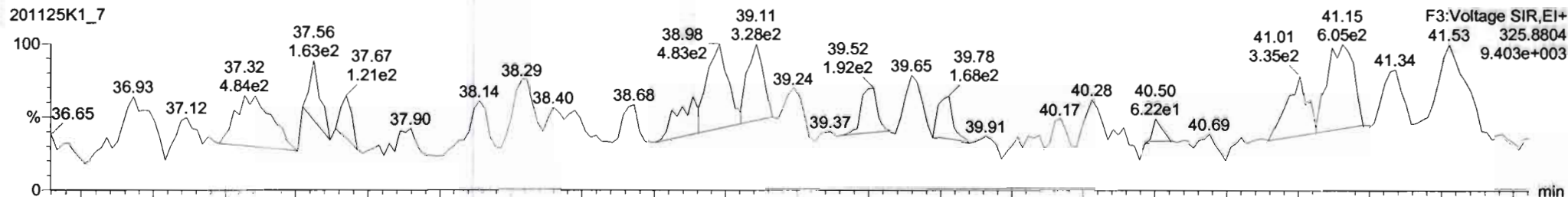
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

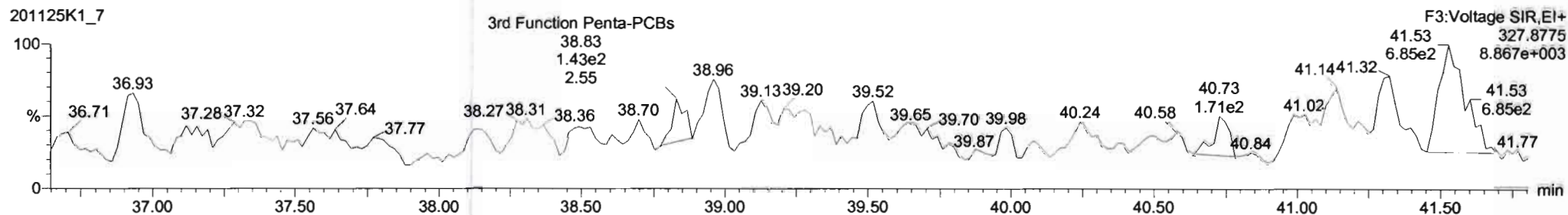
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PCB-119

201125K1_7

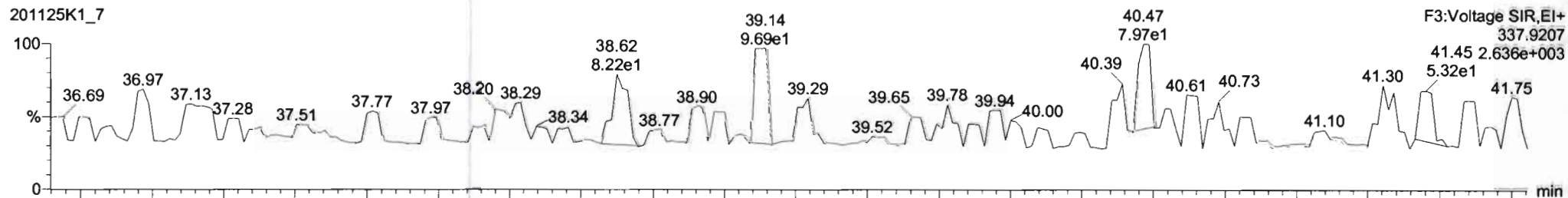


201125K1_7

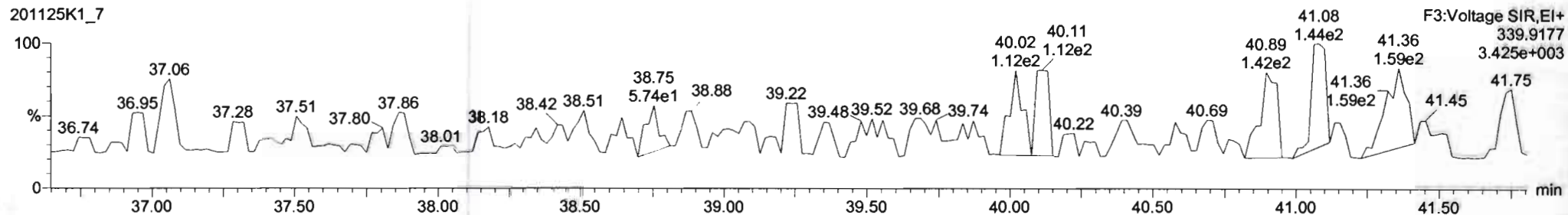


13C-PCB-111

201125K1_7



201125K1_7

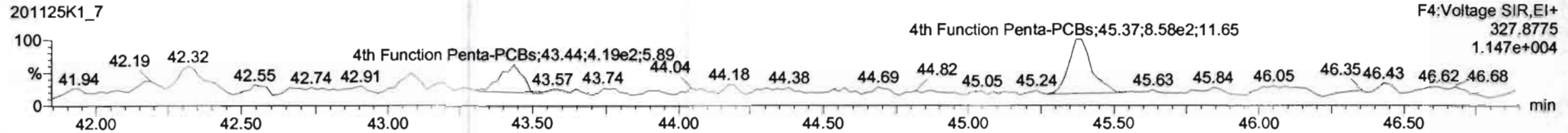
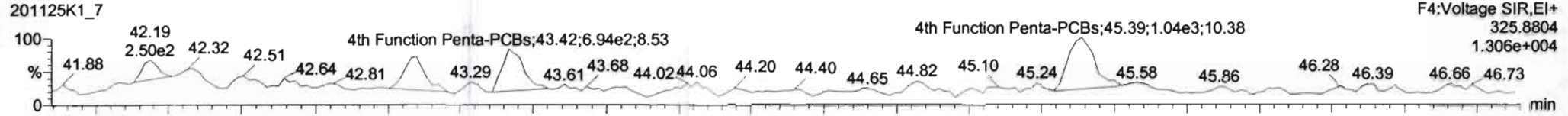


Dataset: Untitled

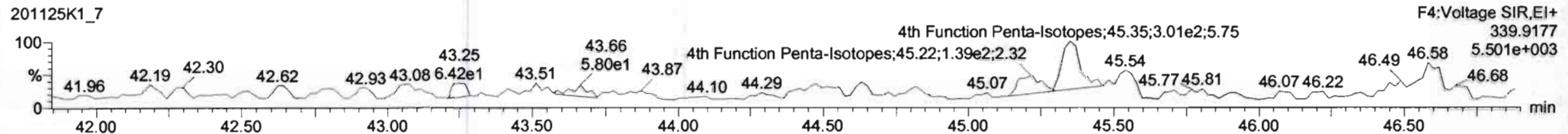
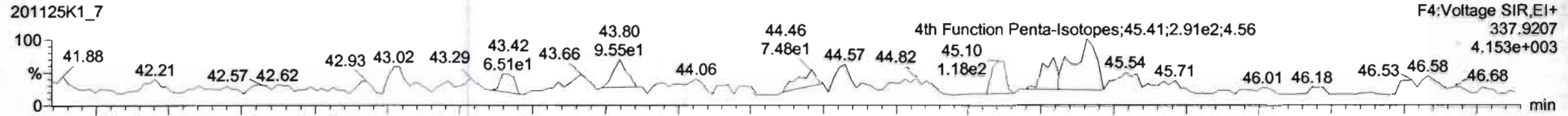
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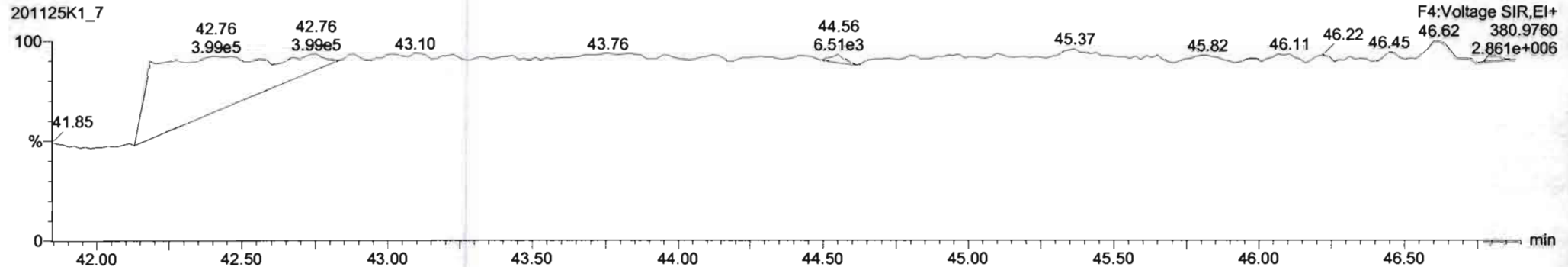
PCB-114



13C-PCB-114



PFK4a



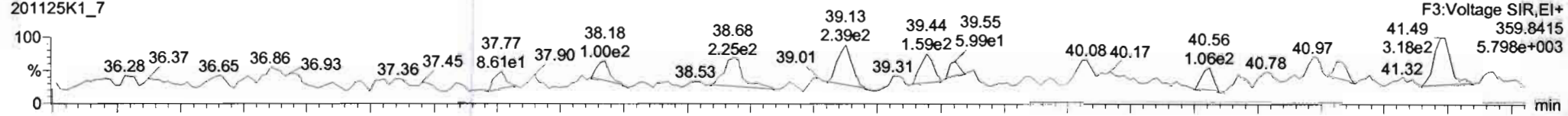
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

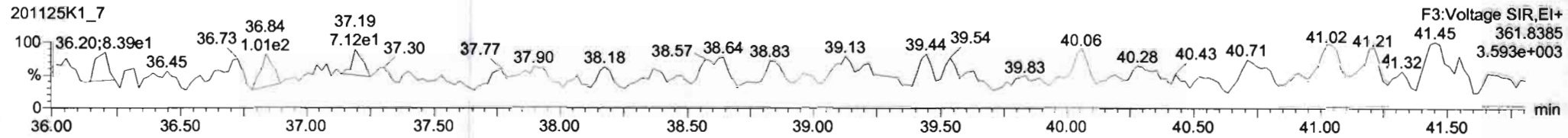
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PCB-155

201125K1_7

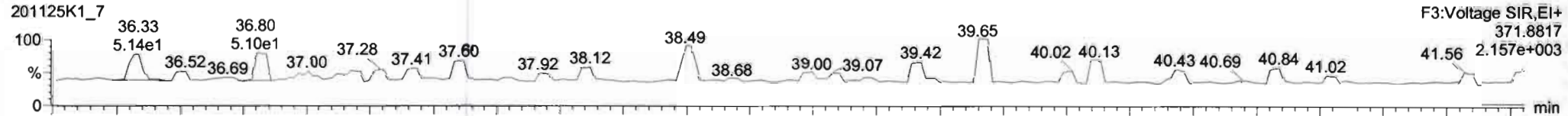


201125K1_7

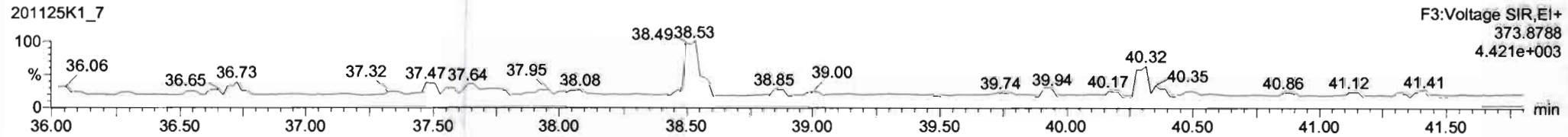


13C-PCB-155

201125K1_7

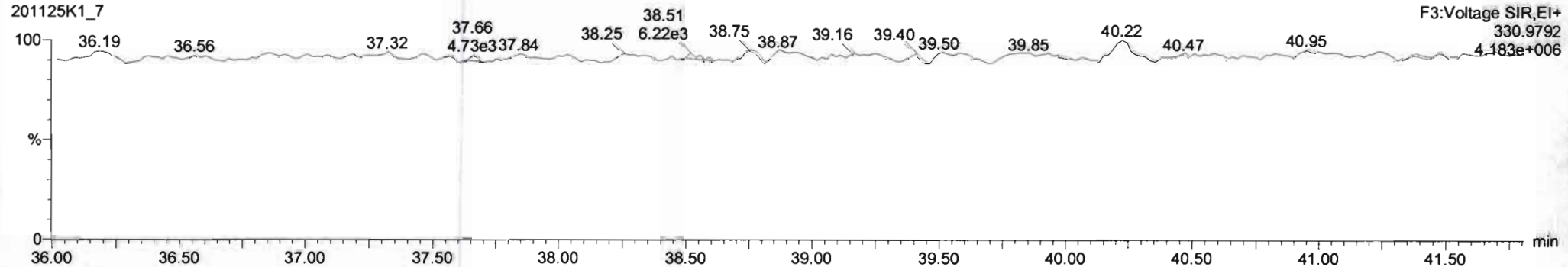


201125K1_7



PFK3c

201125K1_7



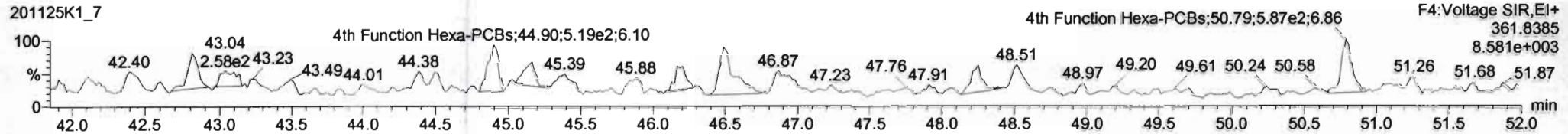
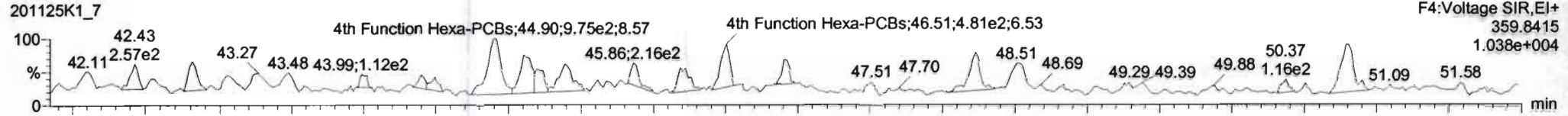
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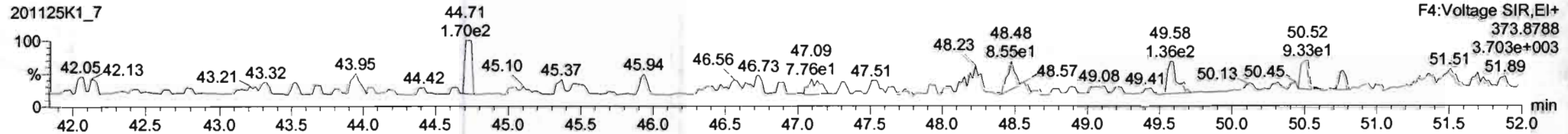
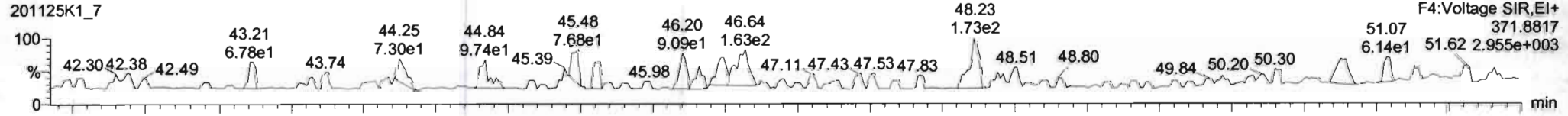
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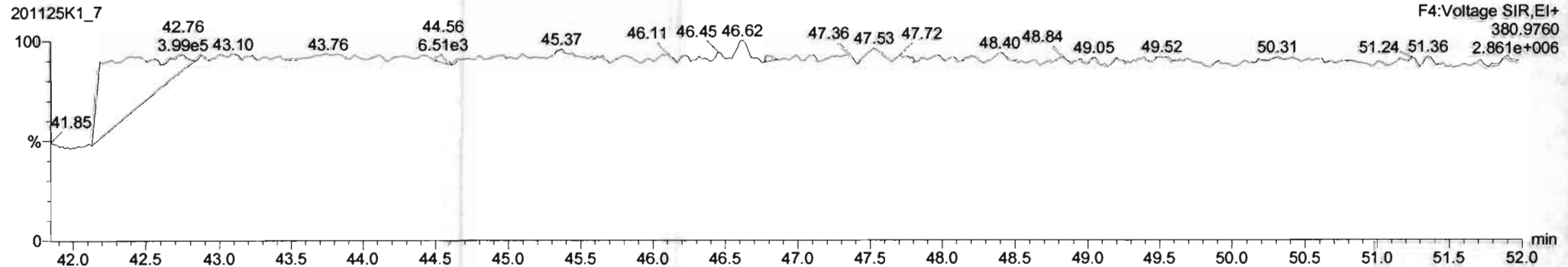
PCB-134/143



13C-PCB-153



PFK4b



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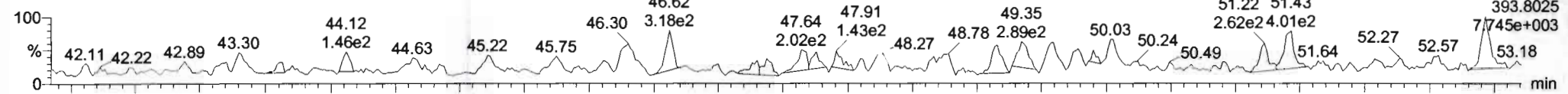
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

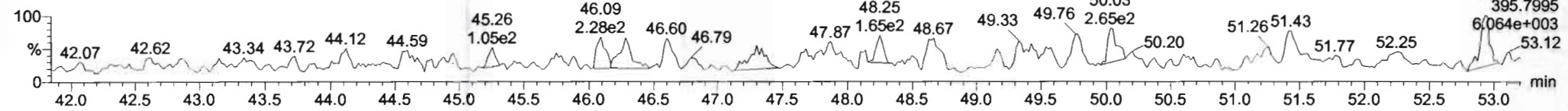
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PCB-188

201125K1_7

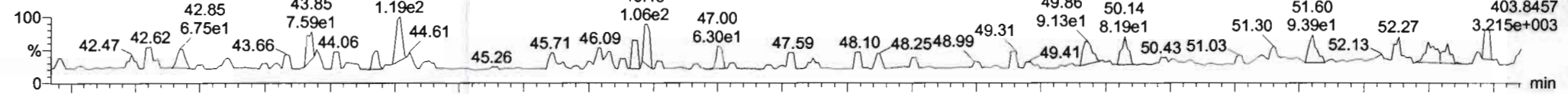


201125K1_7

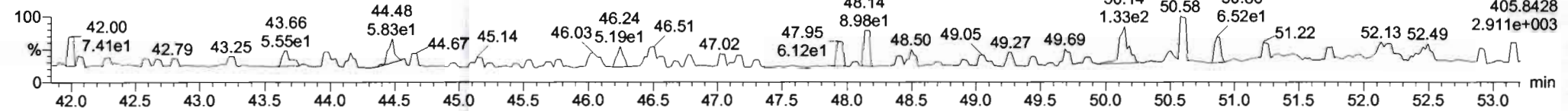


13C-PCB-188

201125K1_7

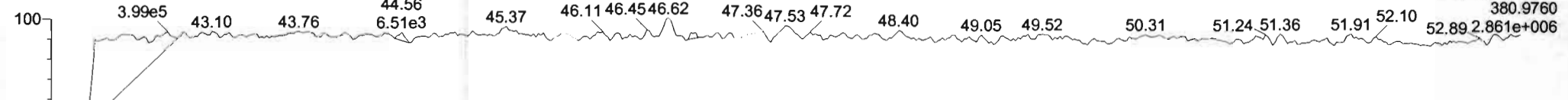


201125K1_7



PFK4c

201125K1_7



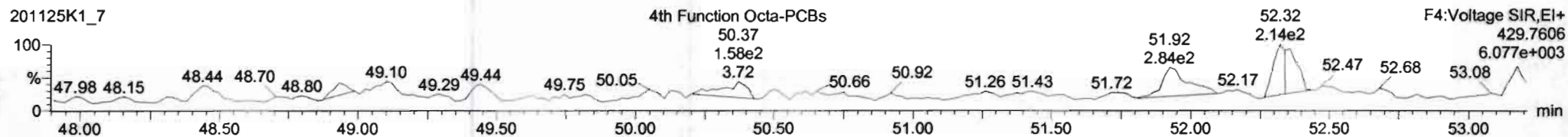
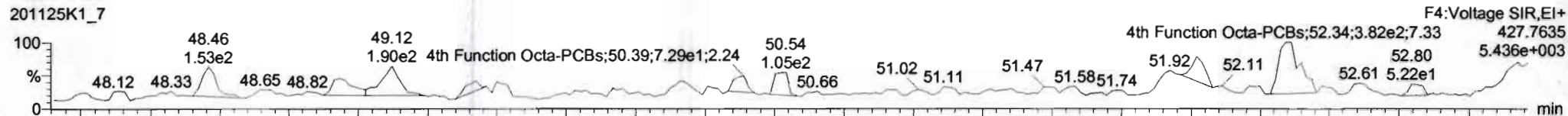
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

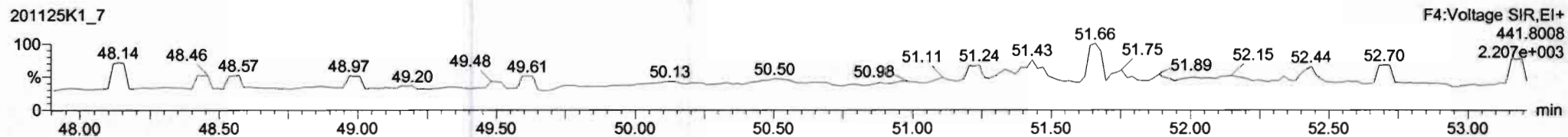
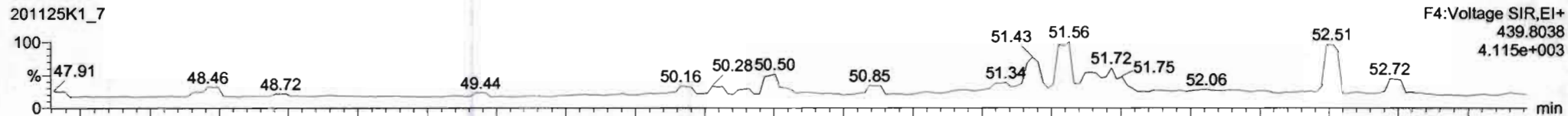
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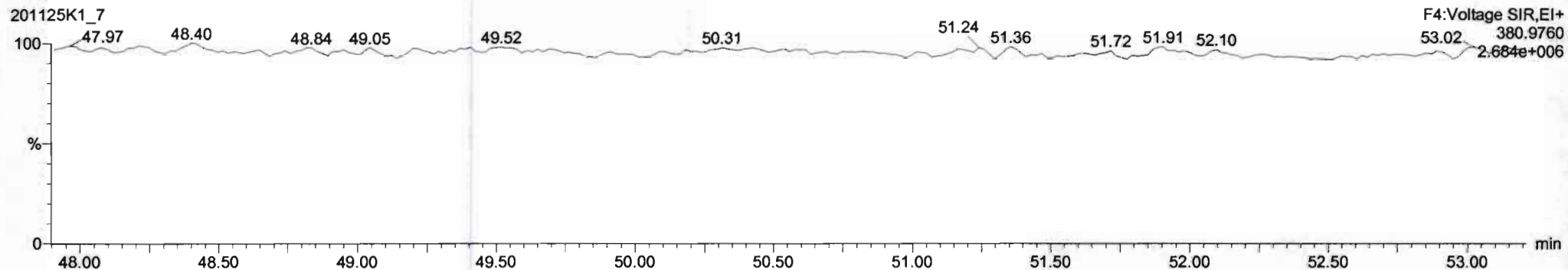
PCB-202



13C-PCB-202



PFK4d

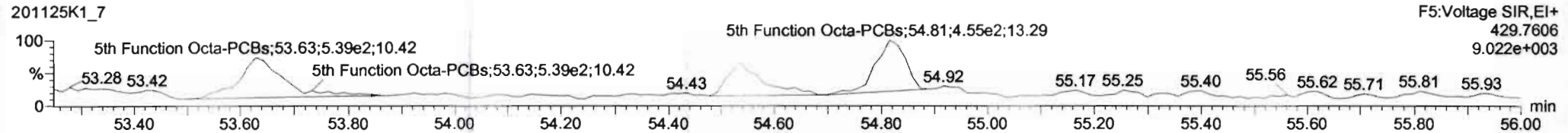
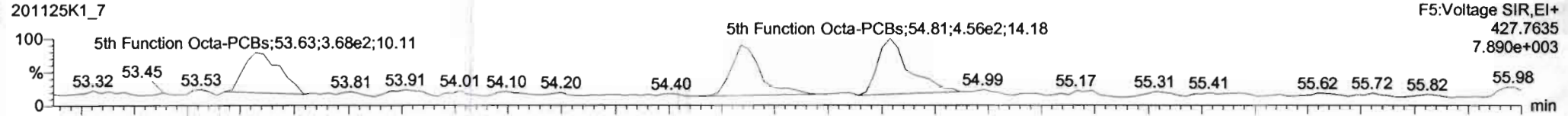


Dataset: Untitled

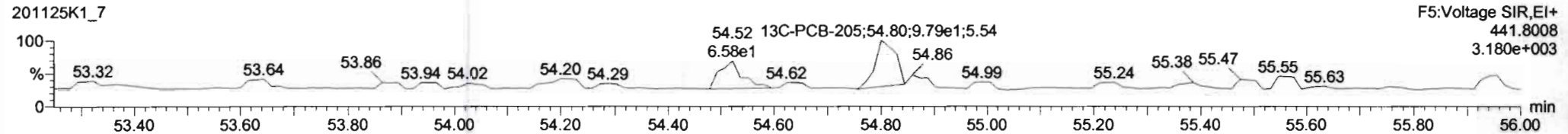
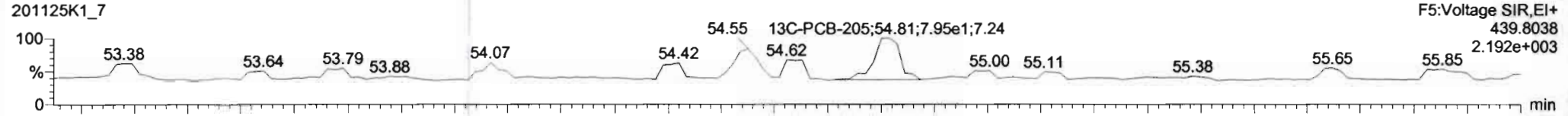
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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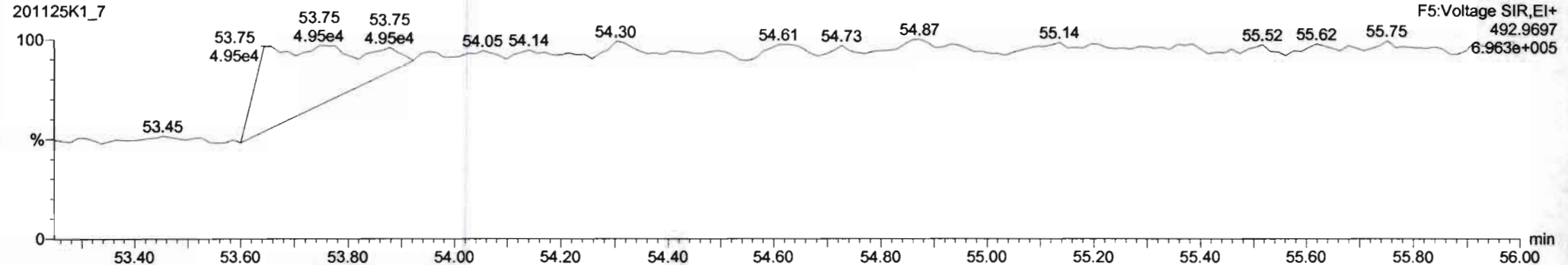
PCB-195



13C-PCB-194



PFK5a



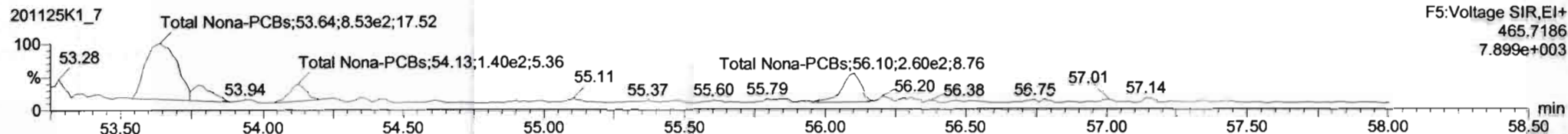
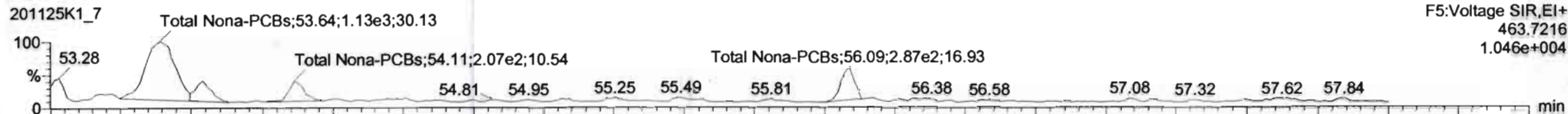
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

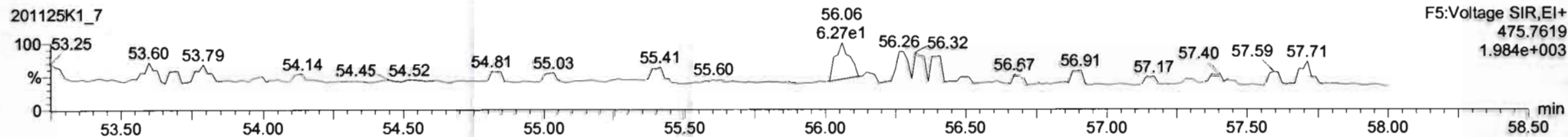
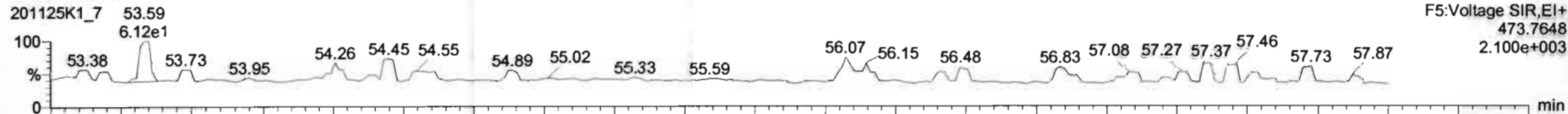
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_7, Date: 25-Nov-2020, Time: 15:49:32, ID: SOLVENT BLANK, Description: SOLVENT BLANK

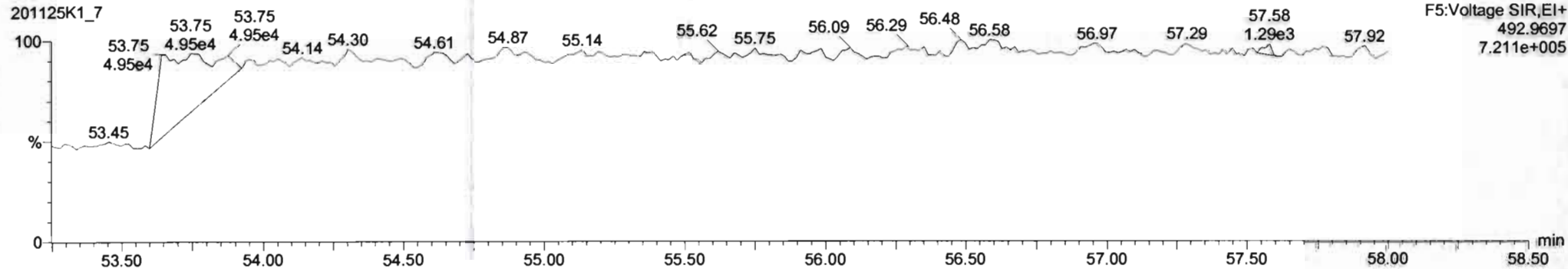
PCB-208



13C-PCB-208



PFK5



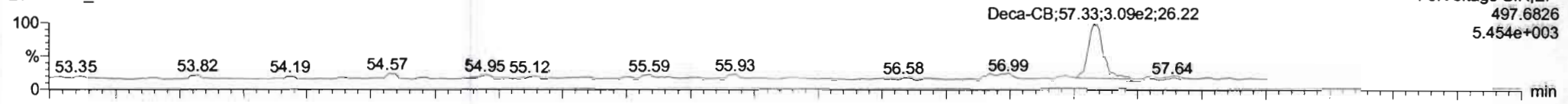
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

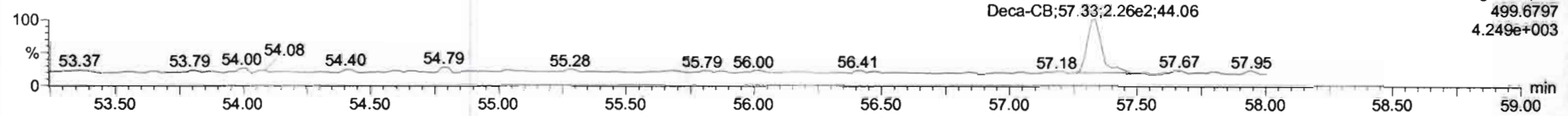
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PCB-209

201125K1_7

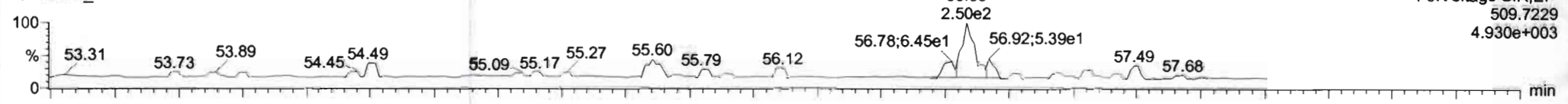


201125K1_7

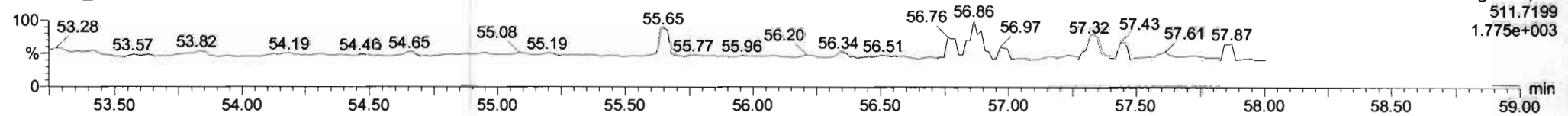


13C-PCB-209

201125K1_7

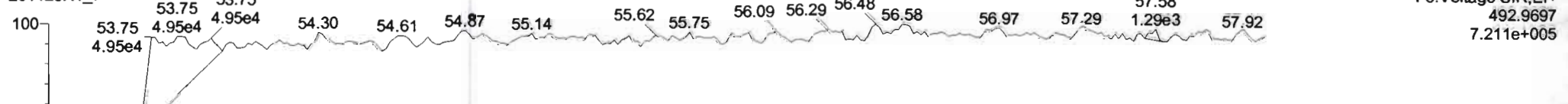


201125K1_7



PFK5b

201125K1_7



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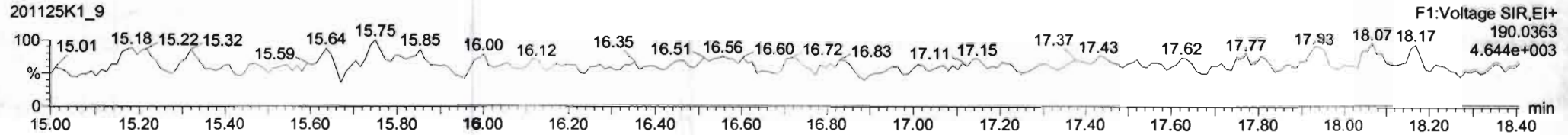
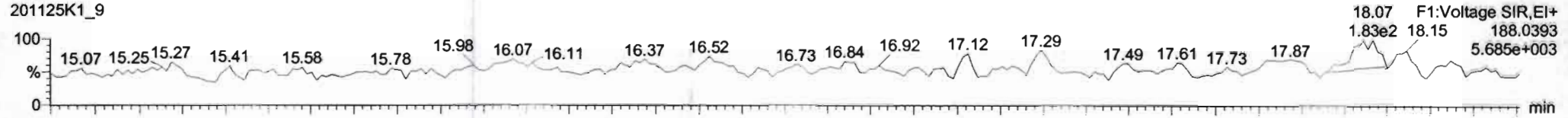
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

HZ 11-26-2020

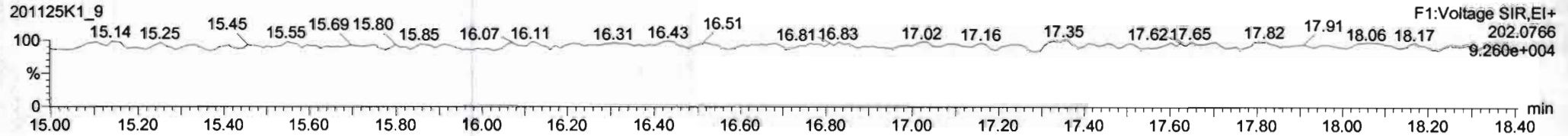
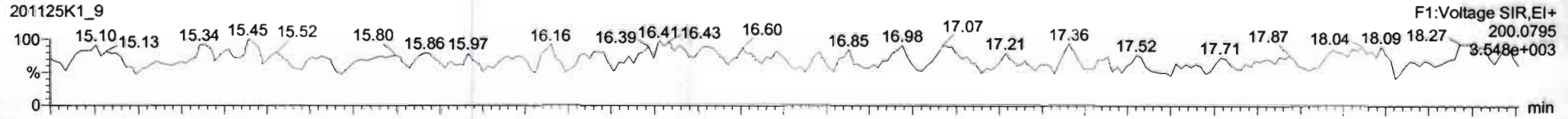
GRB 11/26/2020

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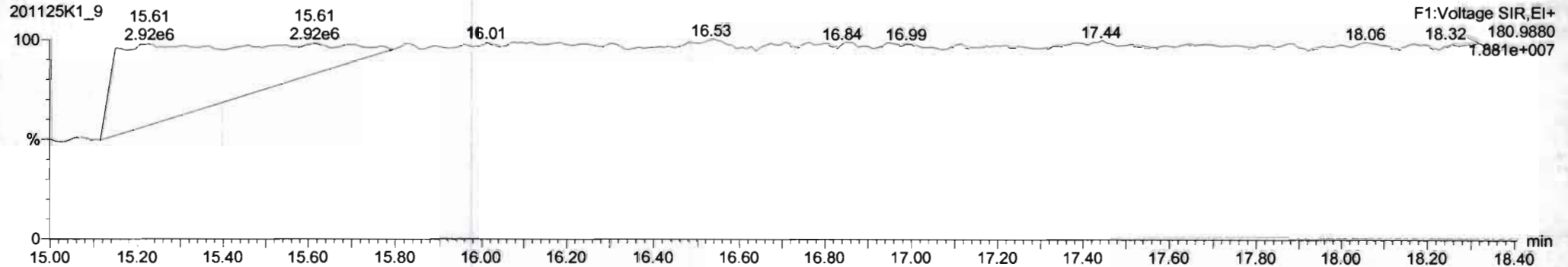
PCB-1



13C-PCB-1



PFK1

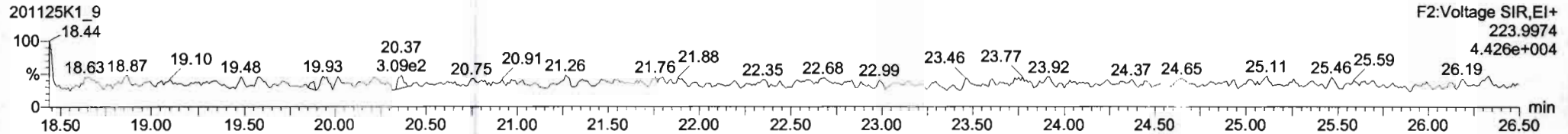
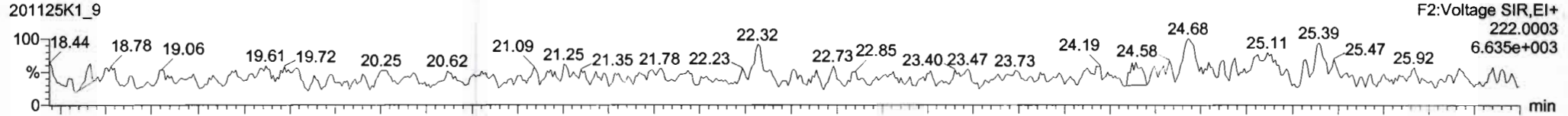


Dataset: Untitled

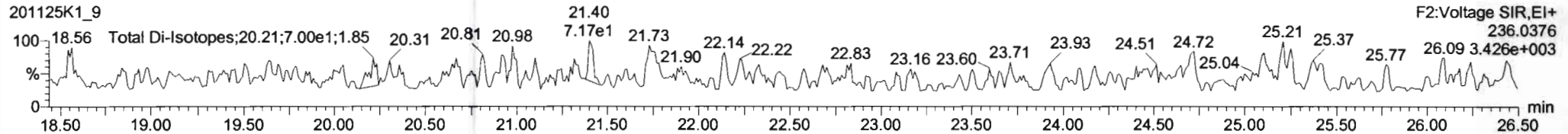
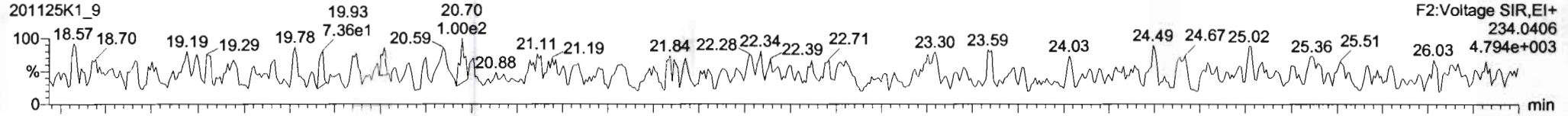
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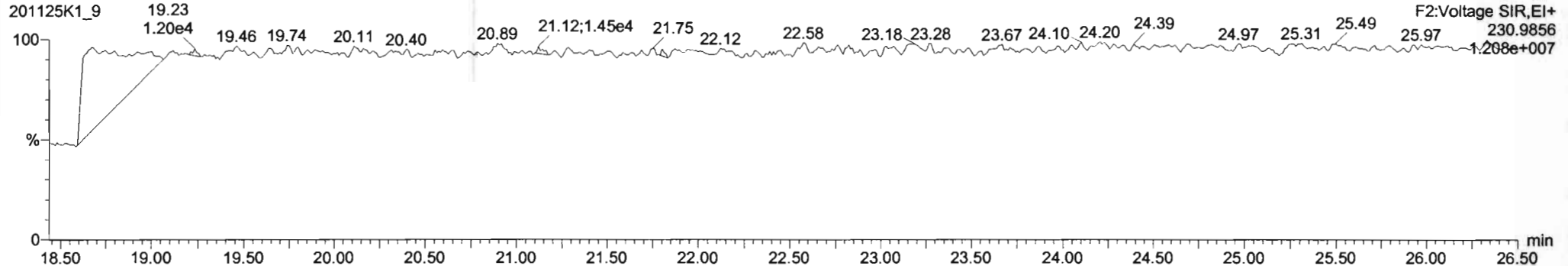
PCB-4/10



13C-PCB-4



PFK2a



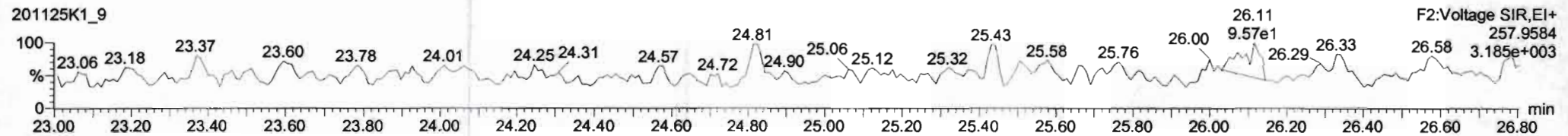
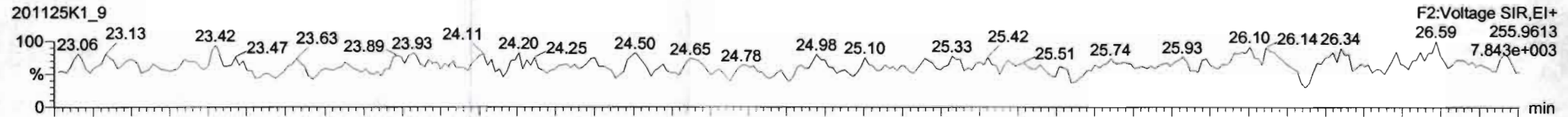
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

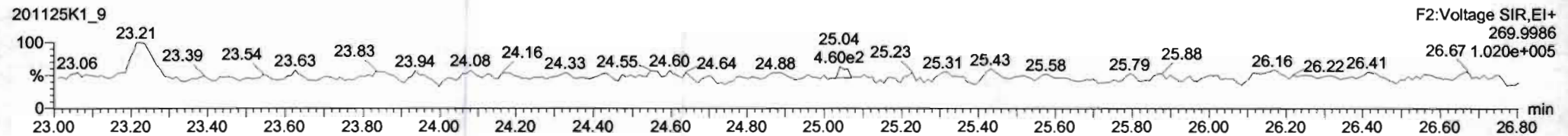
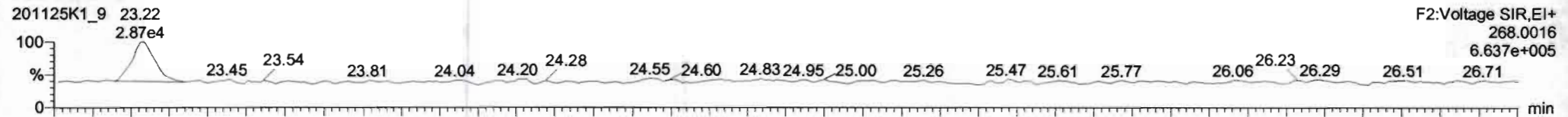
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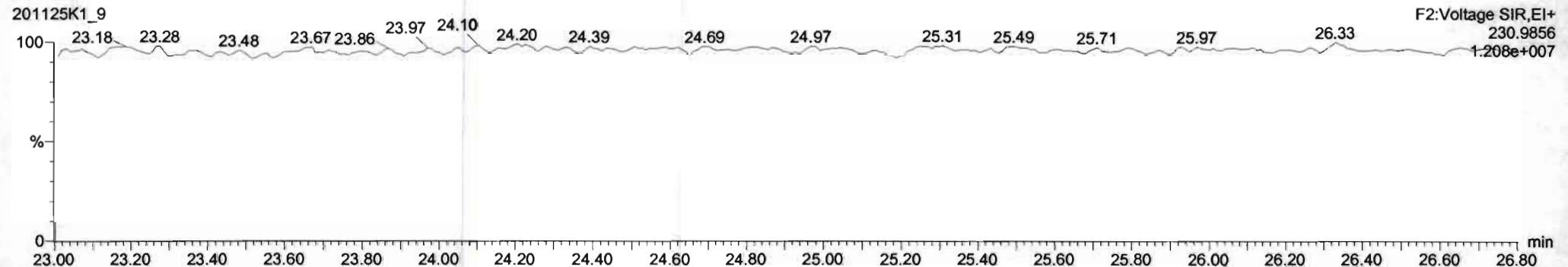
PCB-19



13C-PCB-19



PFK2b



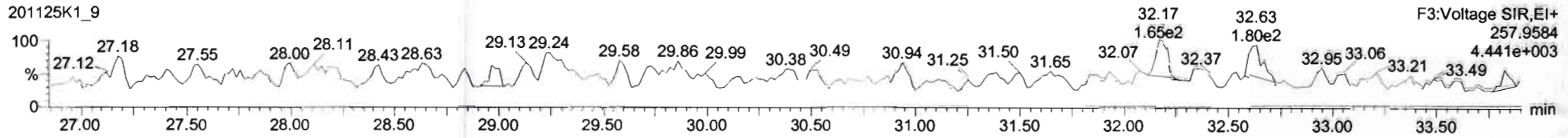
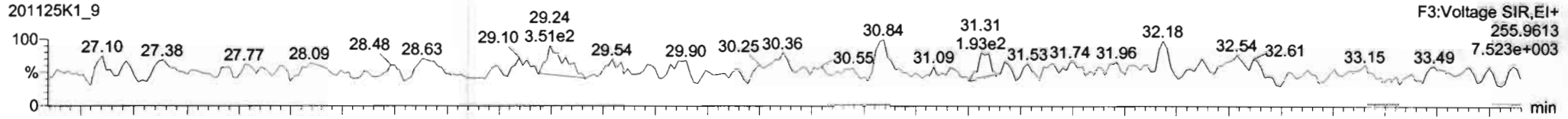
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

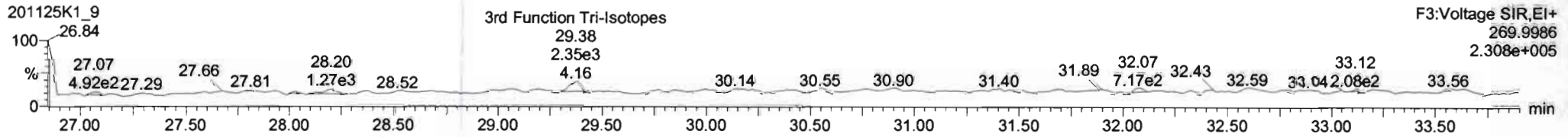
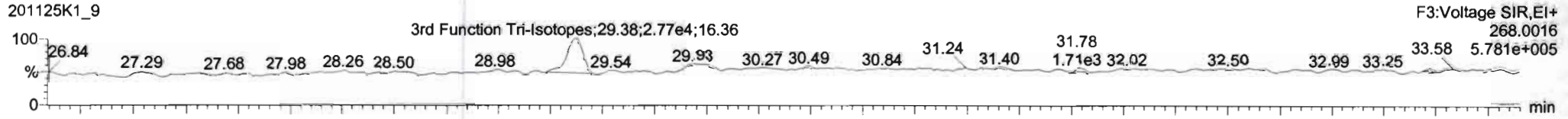
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_9, Date: 25-Nov-2020, Time: 18:01:56, ID: SOLVENT BLANK, Description: SOLVENT BLANK

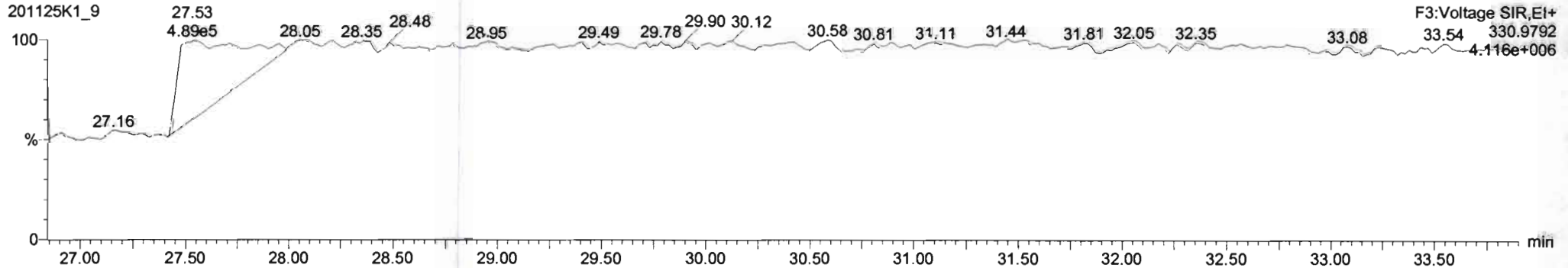
PCB-34



13C-PCB-28



PFK3d



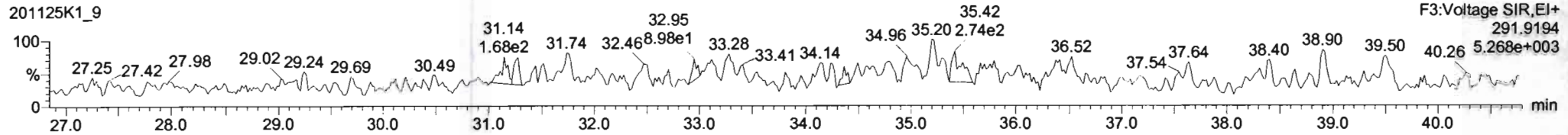
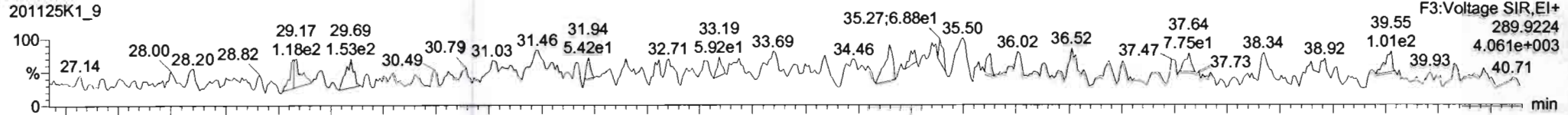
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

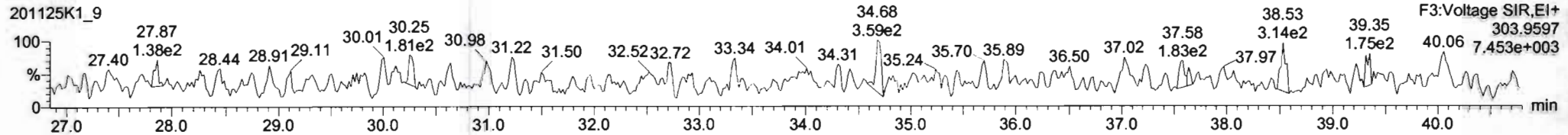
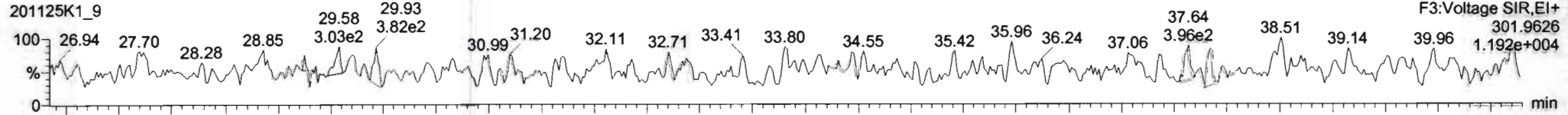
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_9, Date: 25-Nov-2020, Time: 18:01:56, ID: SOLVENT BLANK, Description: SOLVENT BLANK

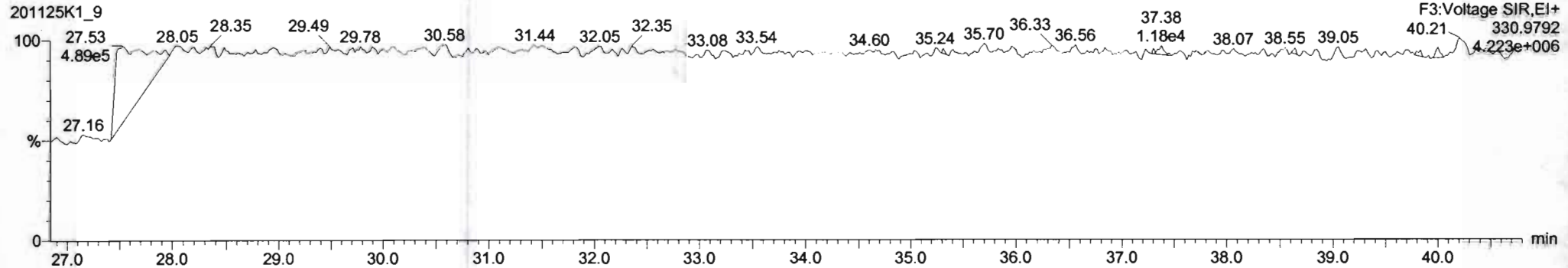
PCB-54



13C-PCB-54



PFK3a



Dataset: Untitled

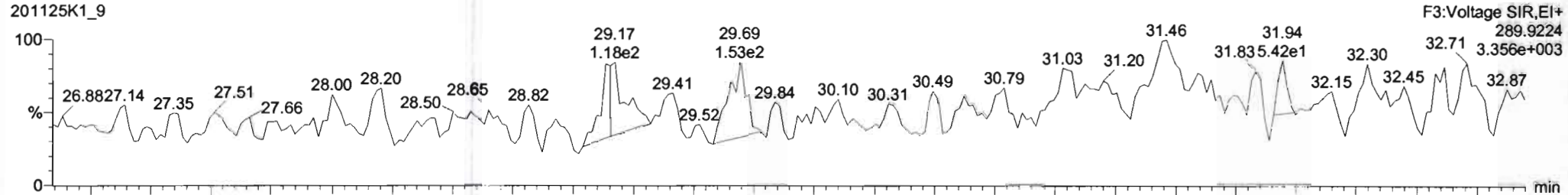
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

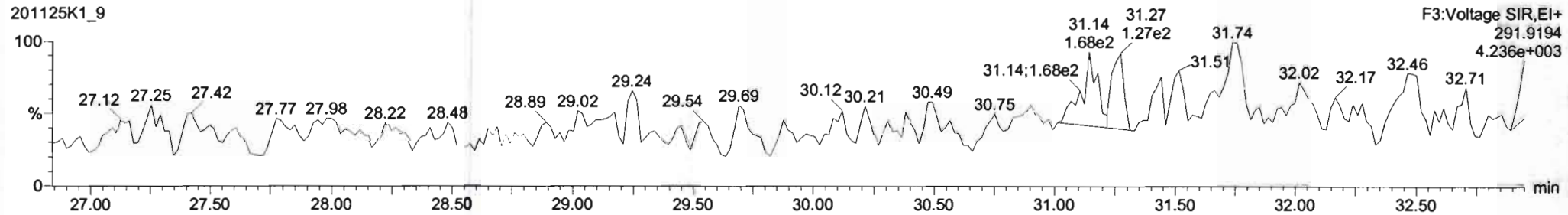
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PCB-50

201125K1_9

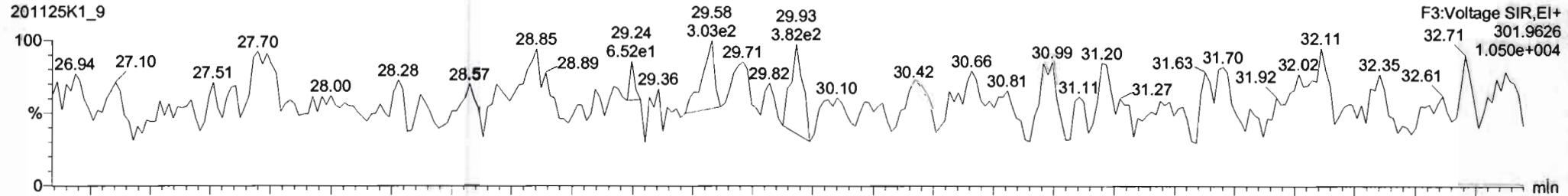


201125K1_9

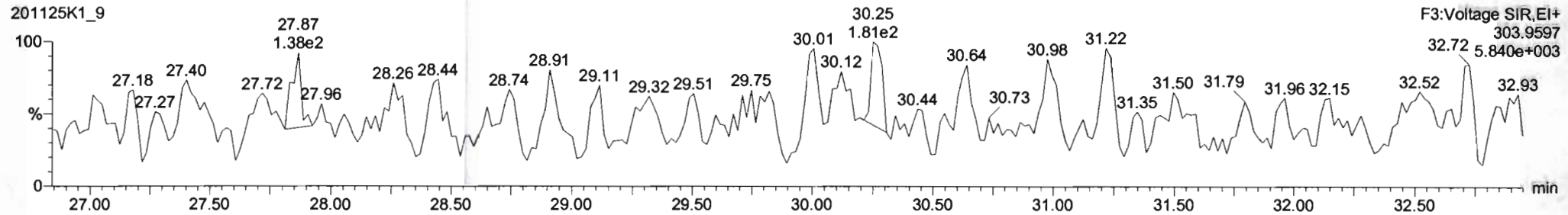


13C-PCB-52

201125K1_9



201125K1_9



Dataset: Untitled

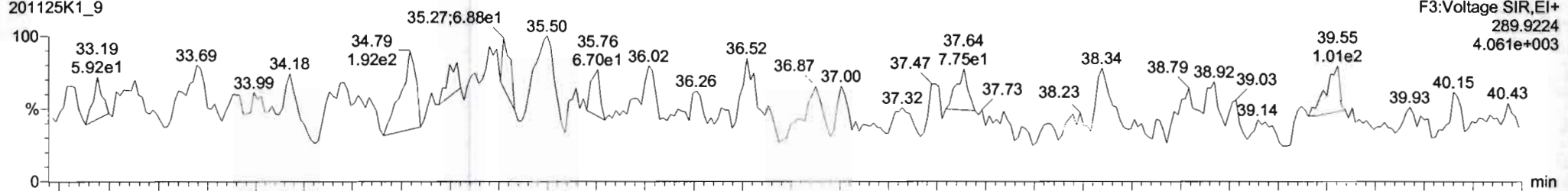
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

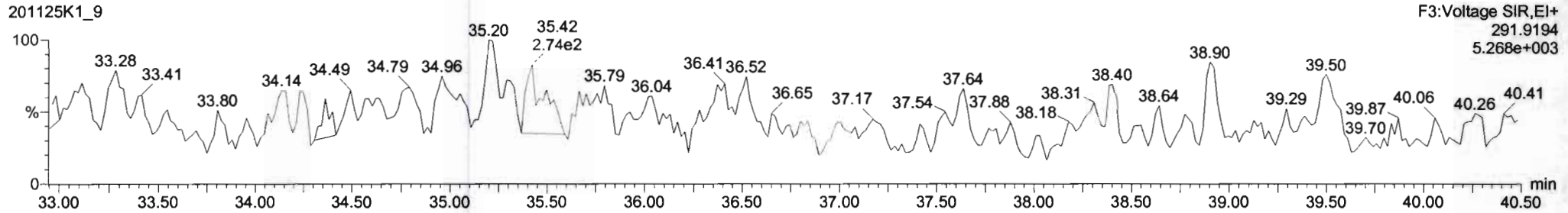
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PCB-68

201125K1_9

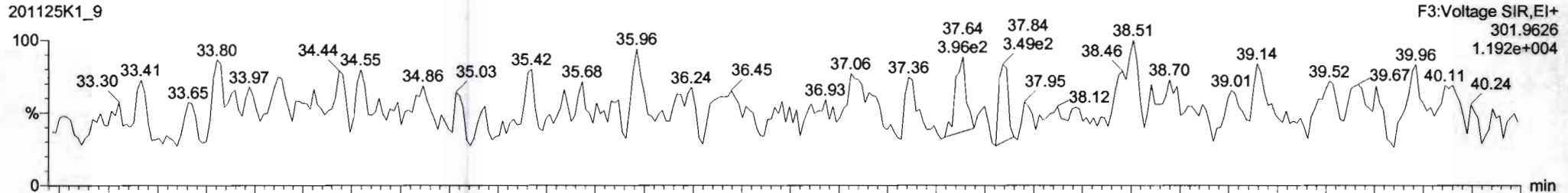


201125K1_9

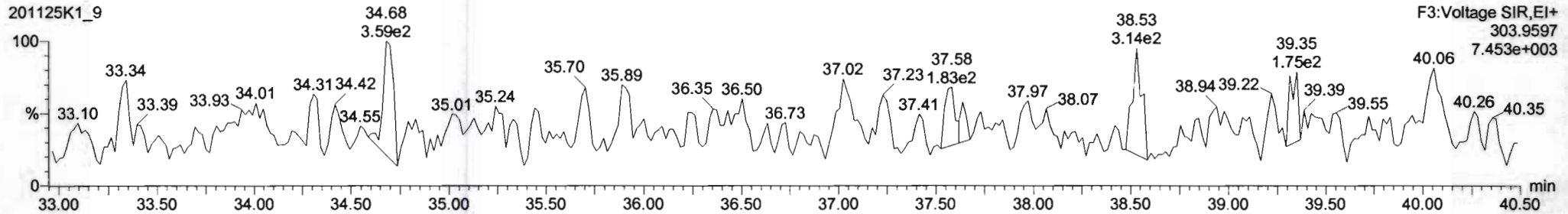


13C-PCB-60

201125K1_9



201125K1_9



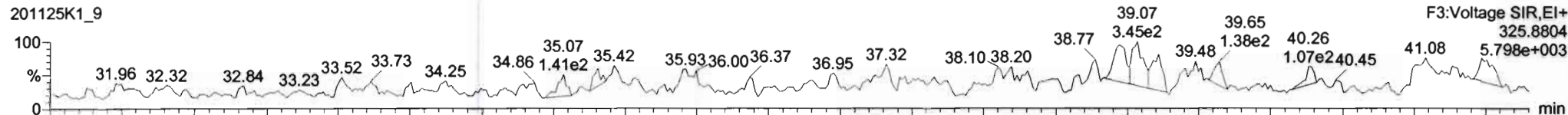
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

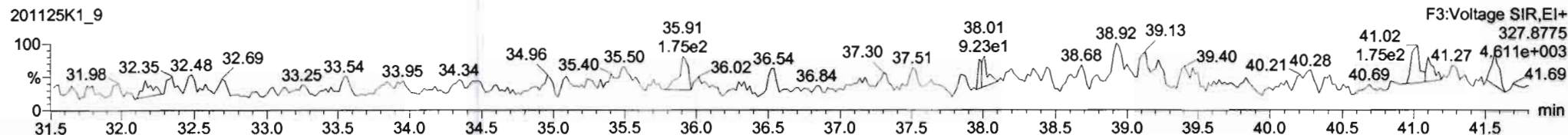
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PCB-104

201125K1_9

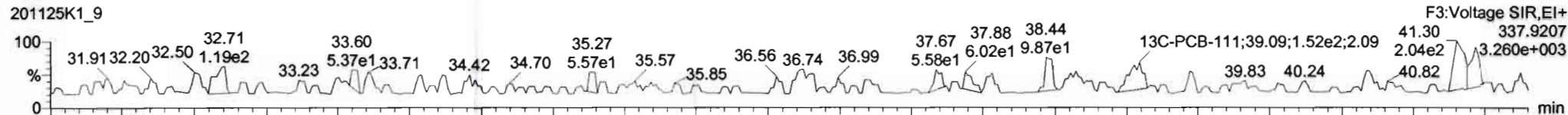


201125K1_9

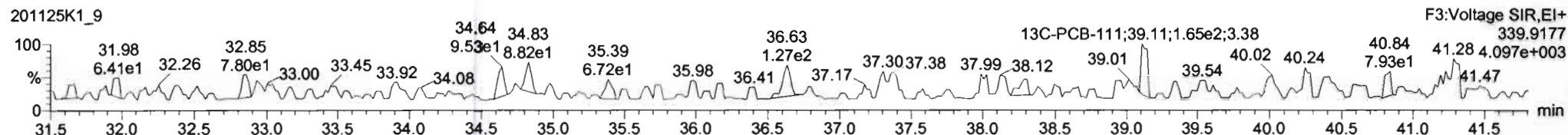


13C-PCB-104

201125K1_9

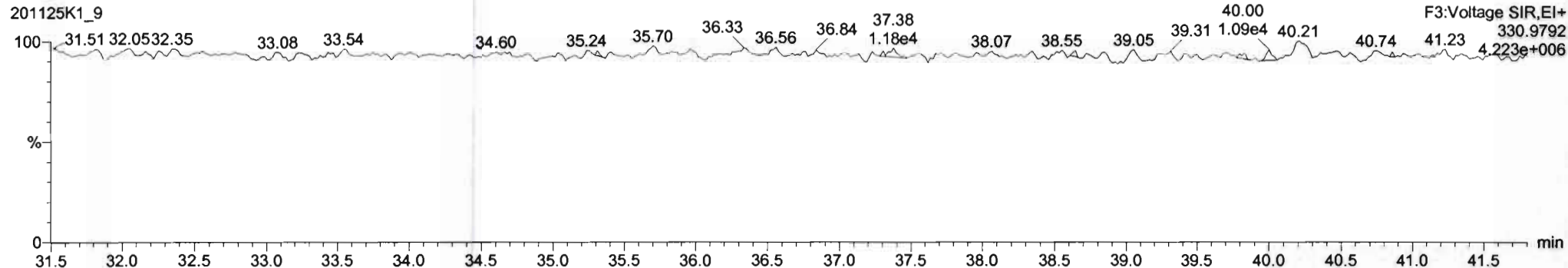


201125K1_9



PFK3b

201125K1_9



Dataset: Untitled

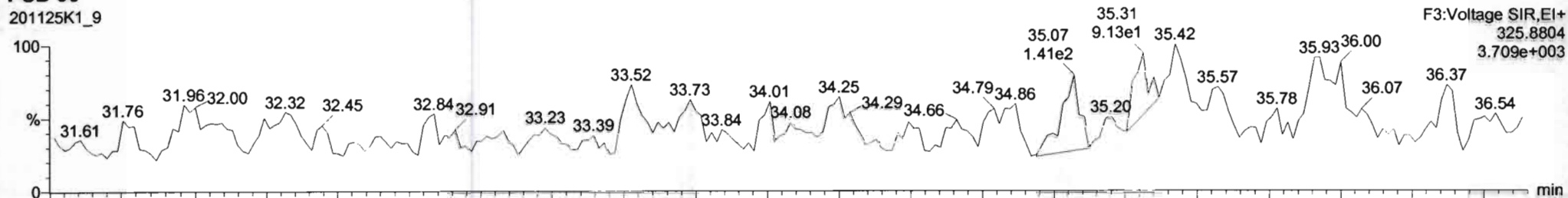
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

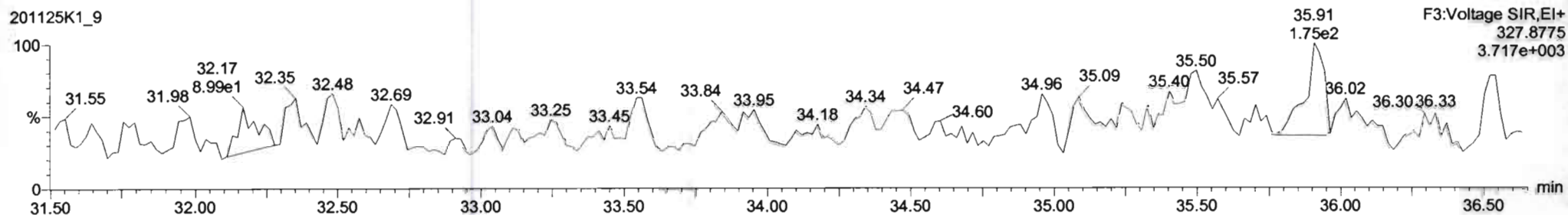
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PCB-96

201125K1_9

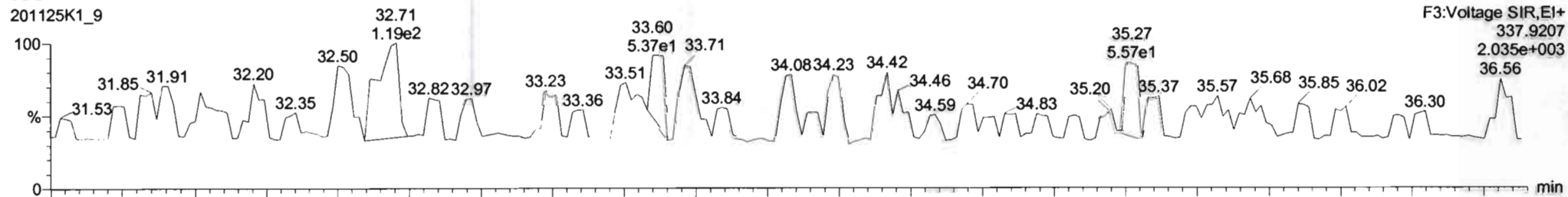


201125K1_9

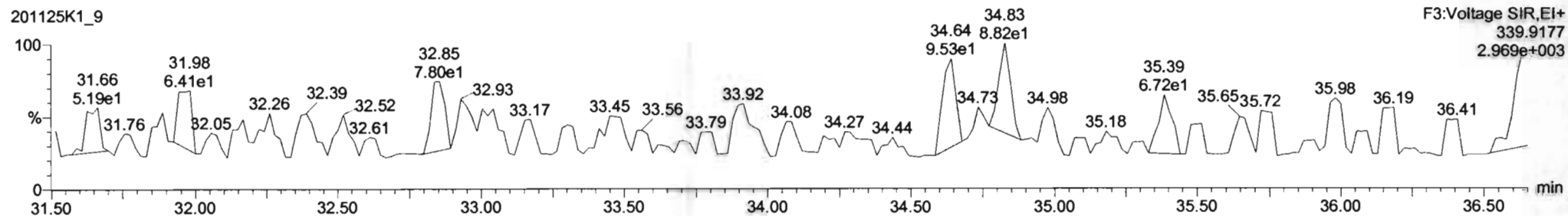


13C-PCB-95

201125K1_9



201125K1_9



Dataset: Untitled

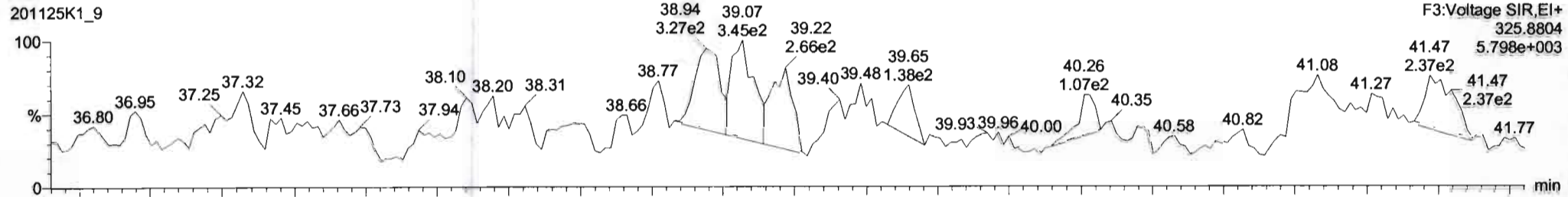
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

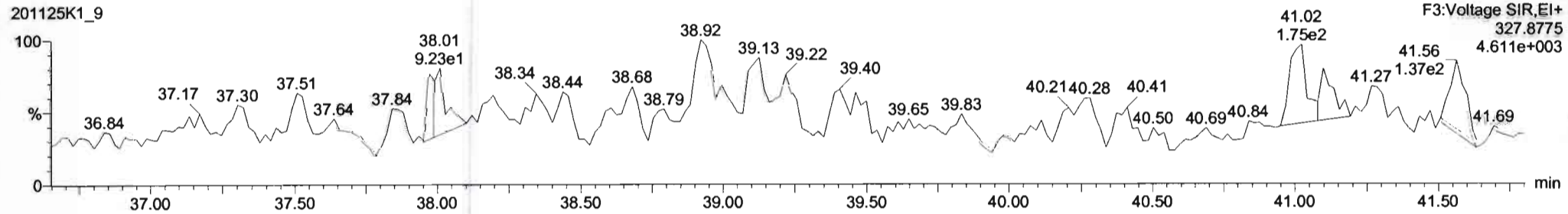
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PCB-119

201125K1_9

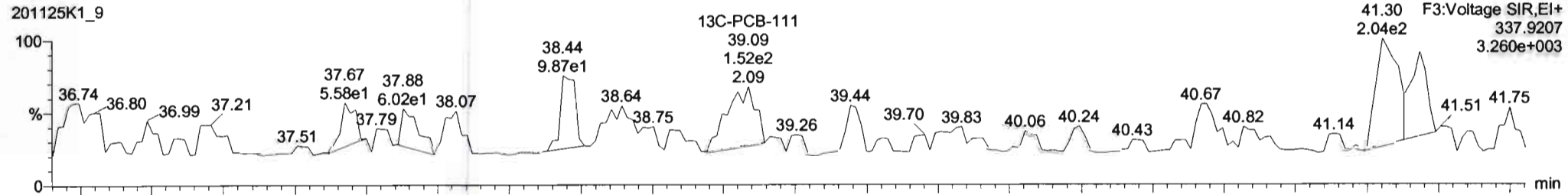


201125K1_9

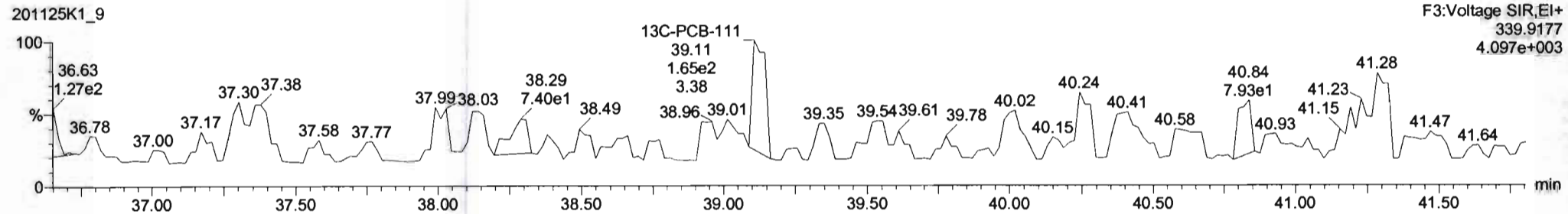


13C-PCB-111

201125K1_9



201125K1_9



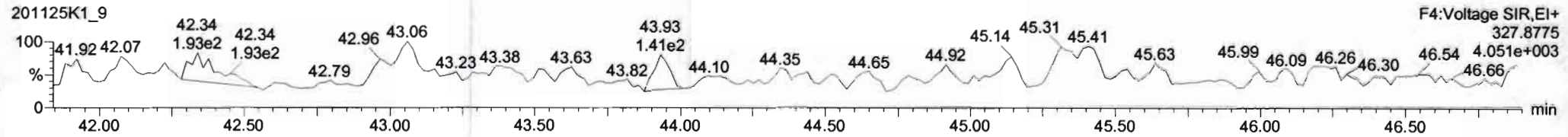
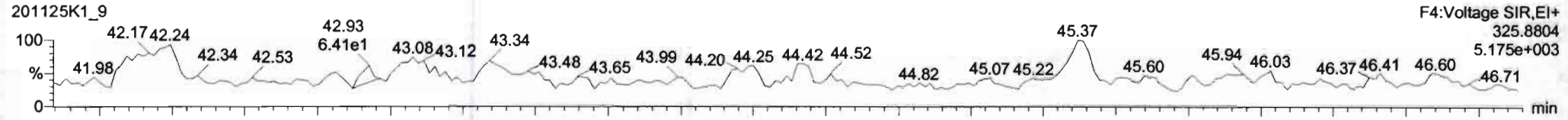
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

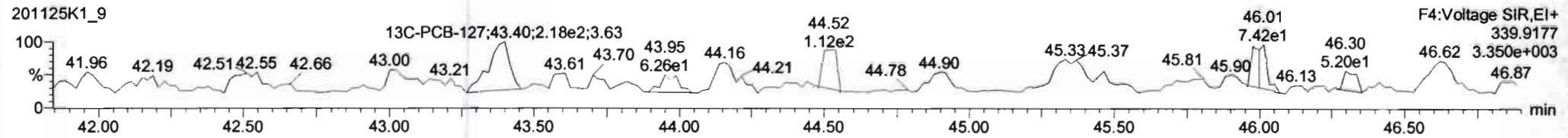
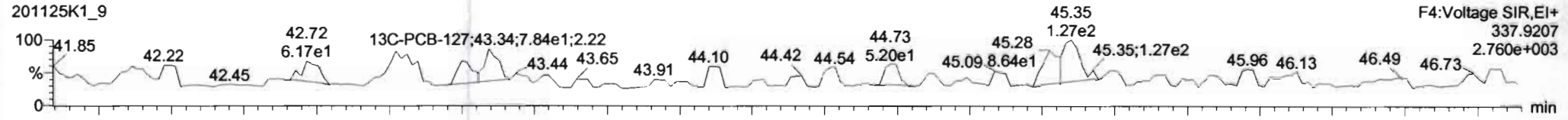
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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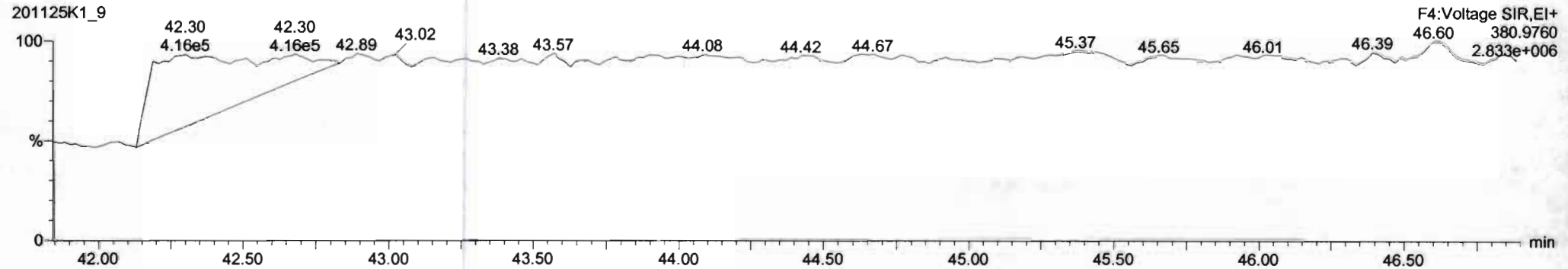
PCB-114



13C-PCB-114



PFK4a

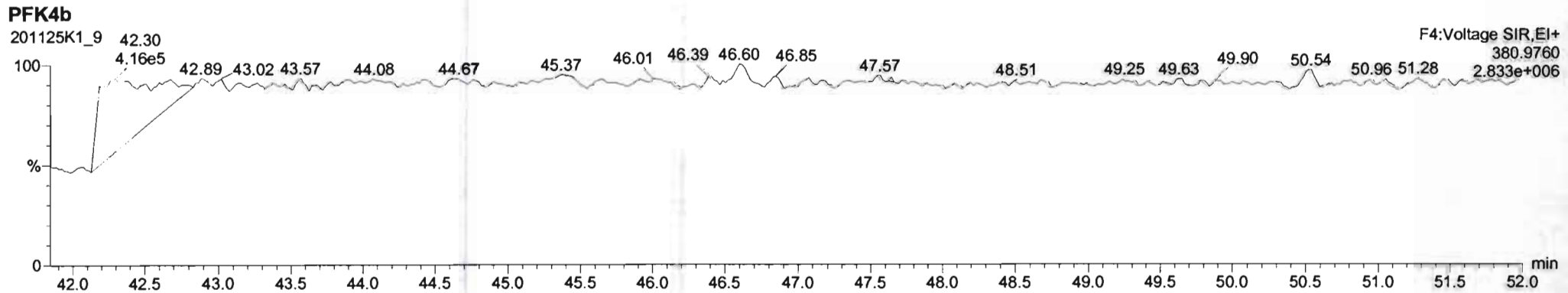
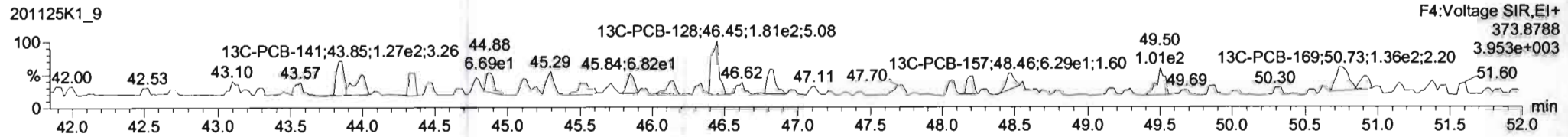
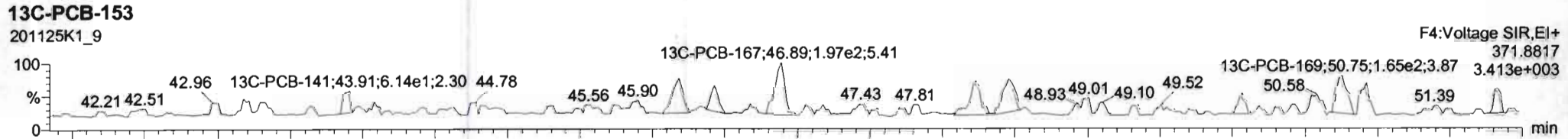
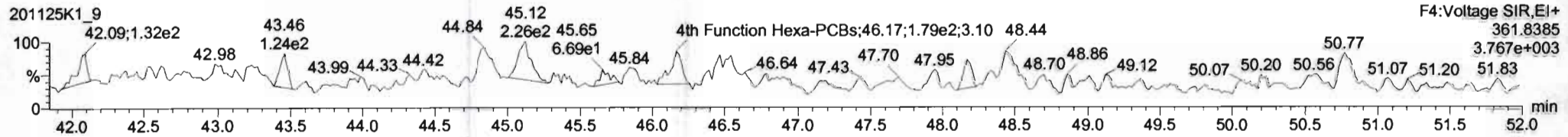
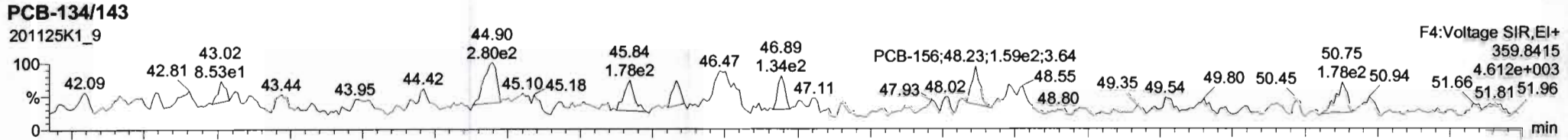


Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_9, Date: 25-Nov-2020, Time: 18:01:56, ID: SOLVENT BLANK, Description: SOLVENT BLANK



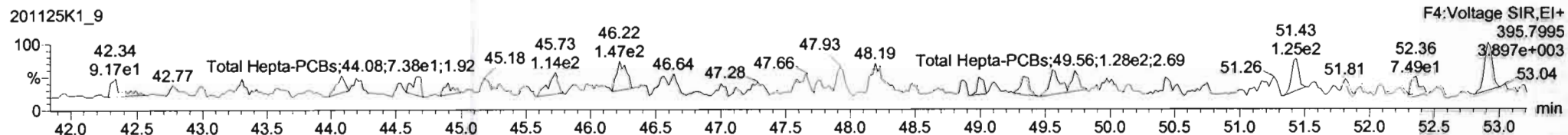
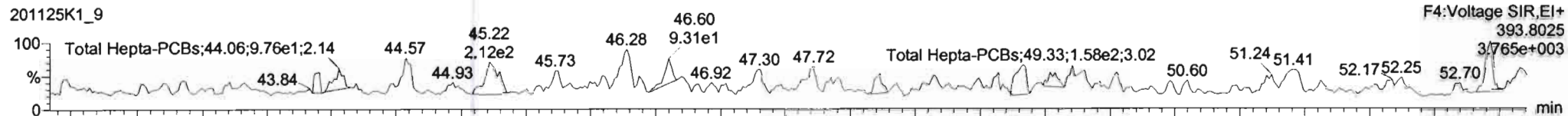
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

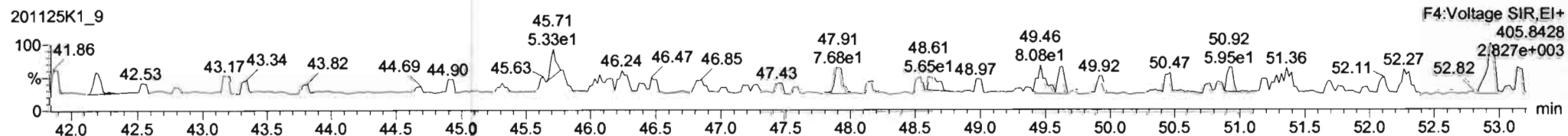
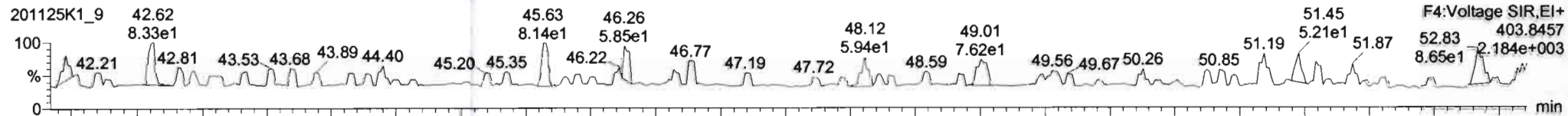
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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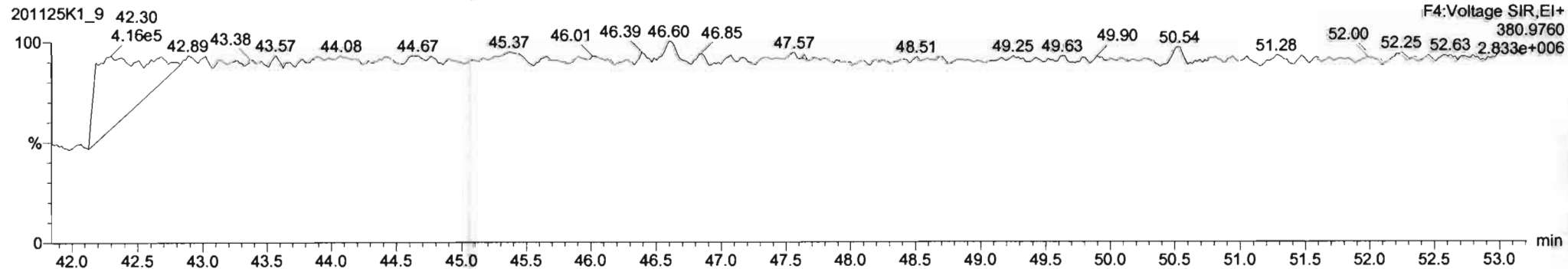
PCB-188



13C-PCB-188



PFK4c



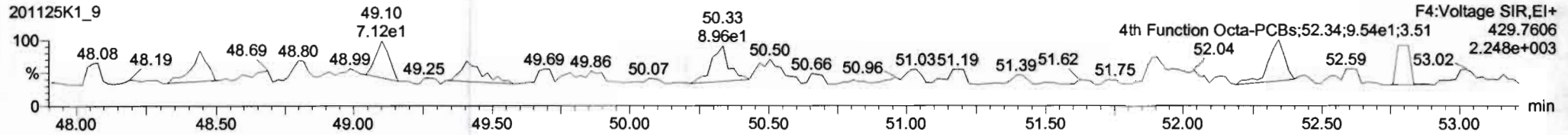
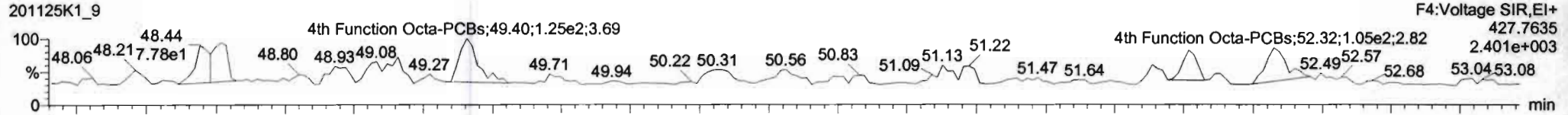
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

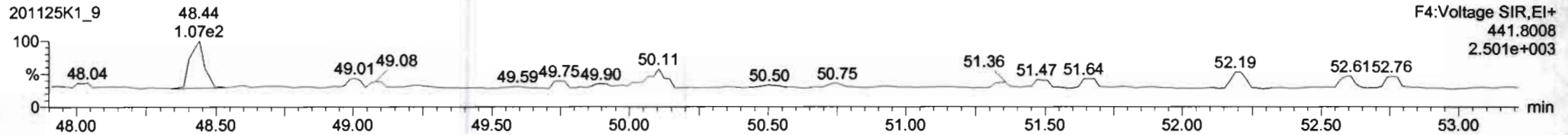
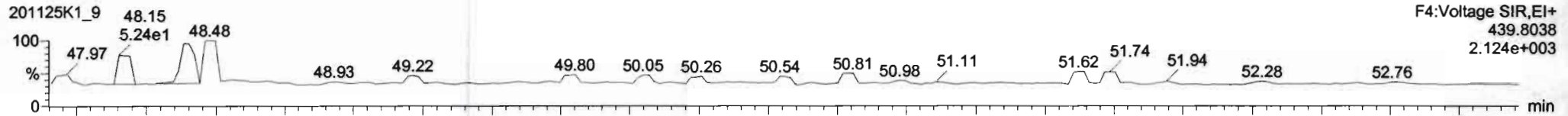
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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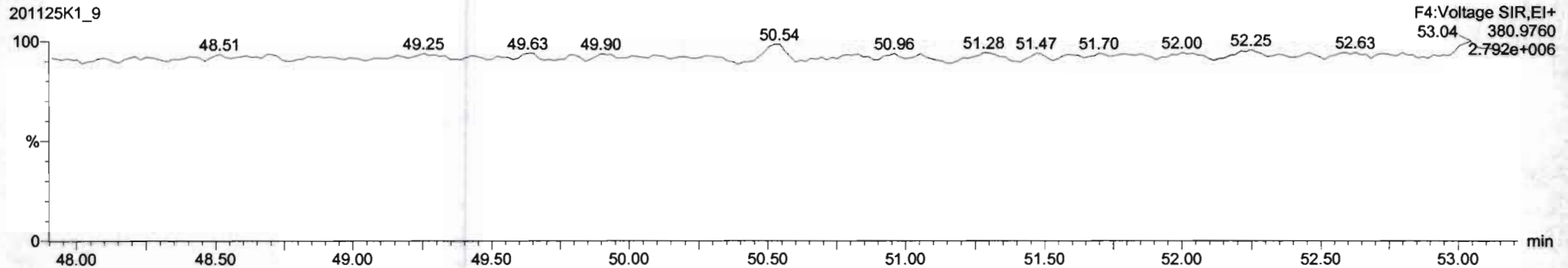
PCB-202



13C-PCB-202



PFK4d

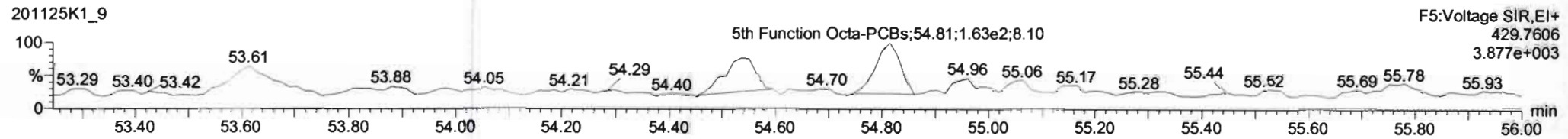
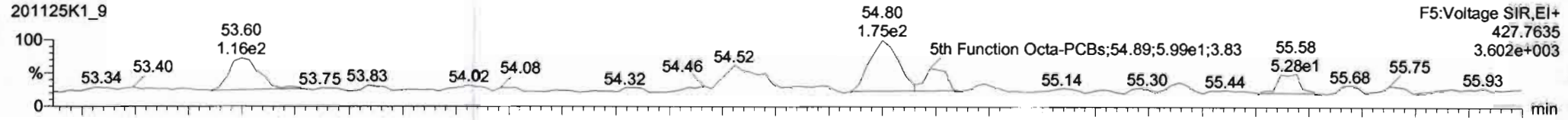


Dataset: Untitled

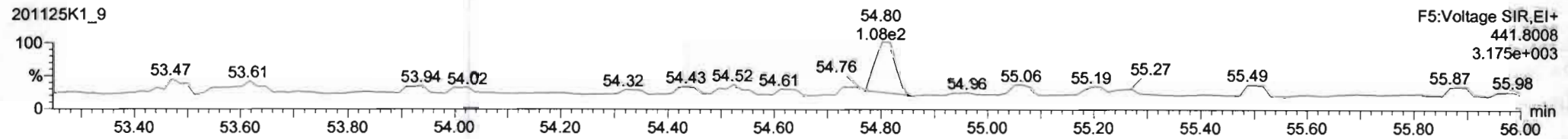
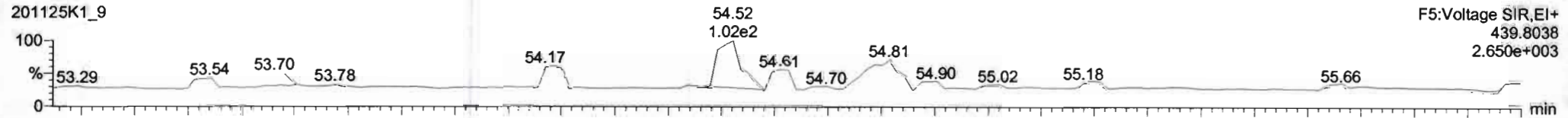
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_9, Date: 25-Nov-2020, Time: 18:01:56, ID: SOLVENT BLANK, Description: SOLVENT BLANK

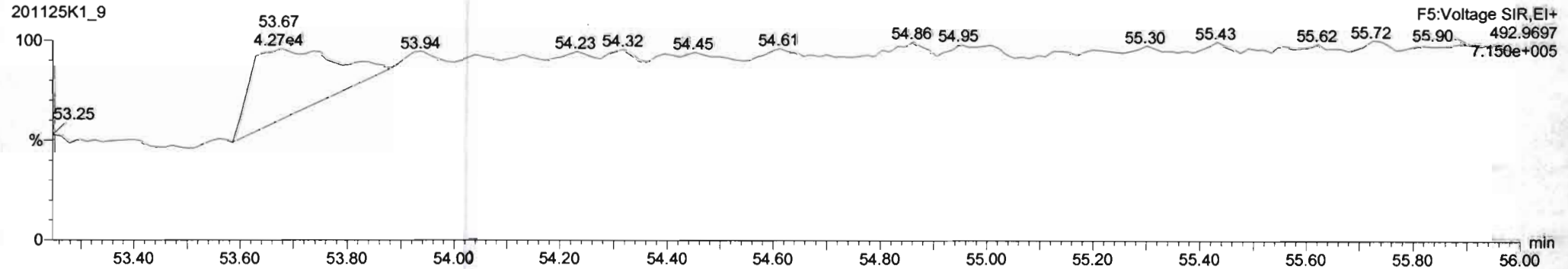
PCB-195



13C-PCB-194



PFK5a



Dataset: Untitled

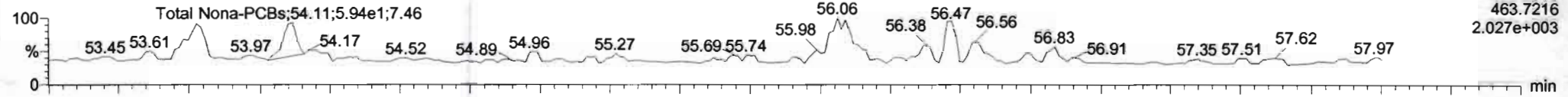
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

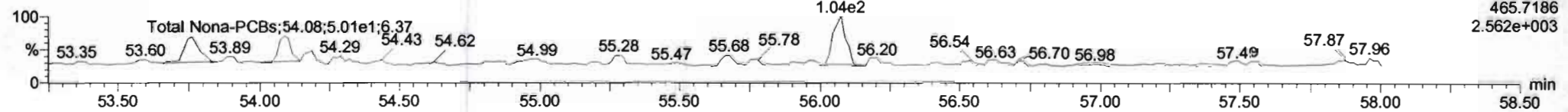
Name: 201125K1_9, Date: 25-Nov-2020, Time: 18:01:56, ID: SOLVENT BLANK, Description: SOLVENT BLANK

PCB-208

201125K1_9

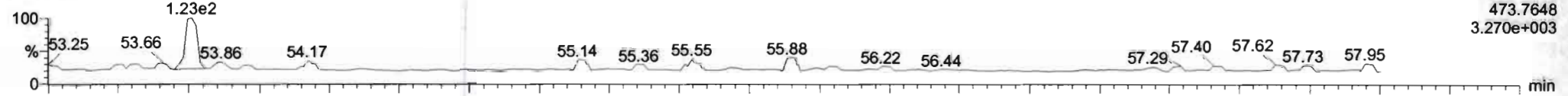


201125K1_9

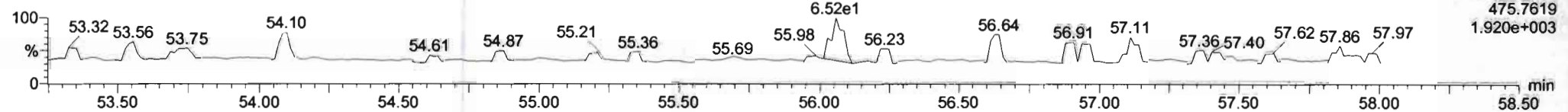


13C-PCB-208

201125K1_9

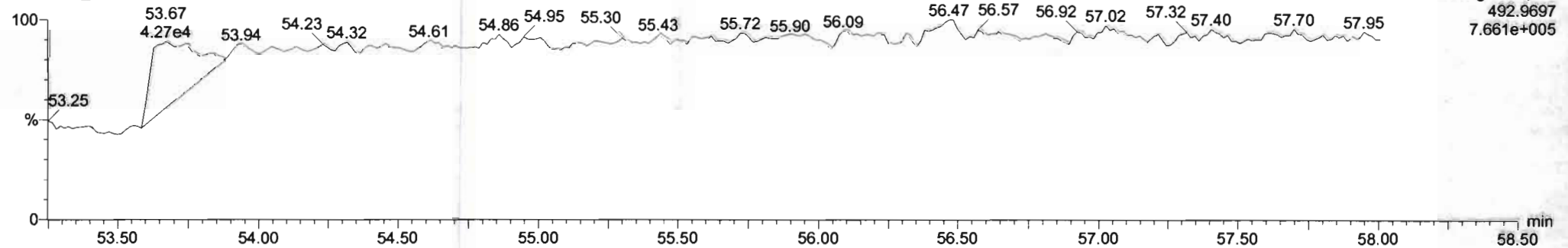


201125K1_9



PFK5

201125K1_9



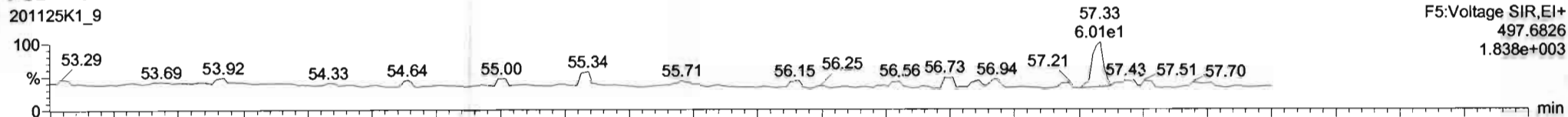
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

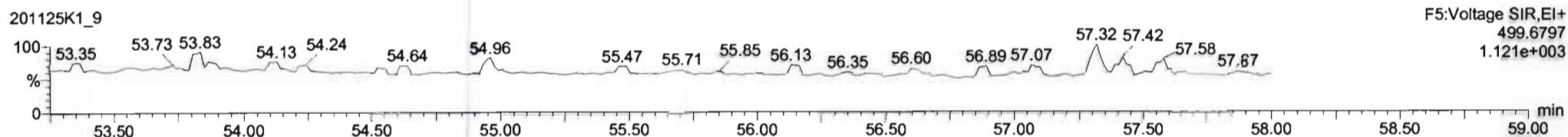
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PCB-209

201125K1_9

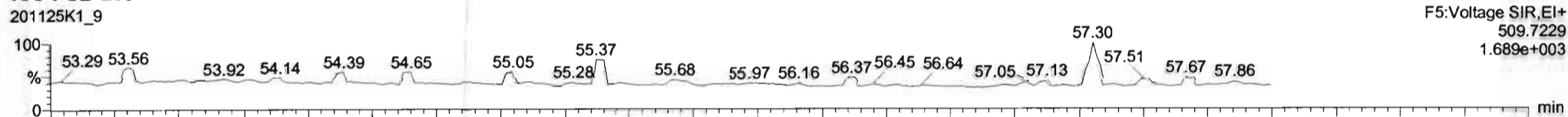


201125K1_9

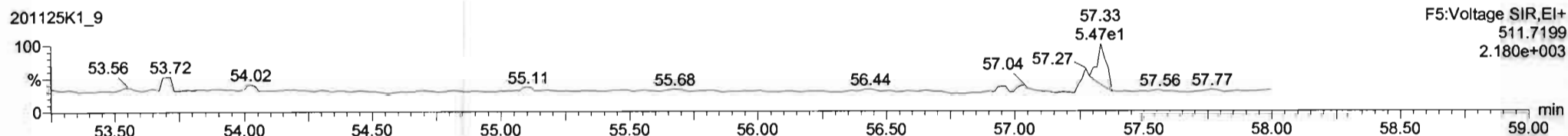


13C-PCB-209

201125K1_9

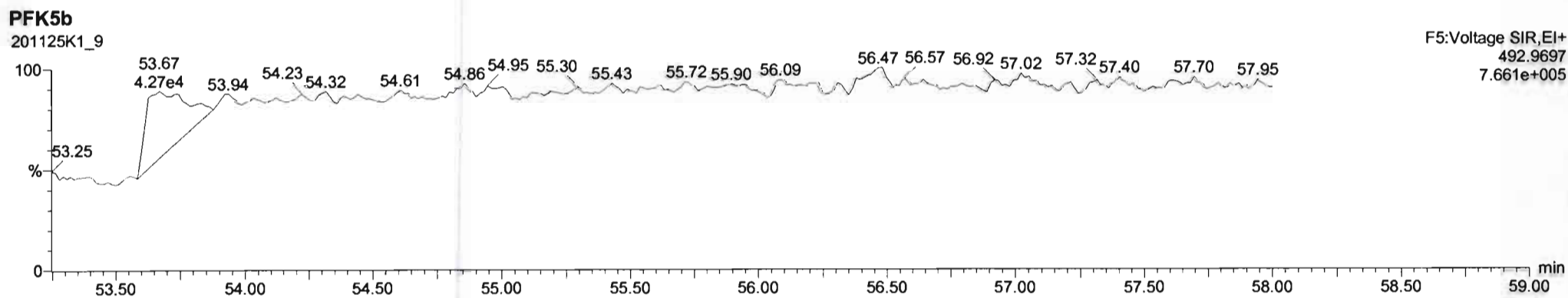


201125K1_9



PFK5b

201125K1_9



Dataset: U:\VG11.PRO\Results\201125K1\201125K1-10.qld

Last Altered: Thursday, November 26, 2020 08:23:15 Pacific Standard Time
Printed: Thursday, November 26, 2020 08:25:36 Pacific Standard Time

*HL 11-26-2020
good recovery*

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_11-24-20.mdb 25 Nov 2020 08:43:46
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-11-25-20.cdb 25 Nov 2020 17:49:42

Name: 201125K1_10, Date: 25-Nov-2020, Time: 19:00:53, ID: QC201125K1-CRV BLANK, Description: QC

	# 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	0.986	1.000	15.43		1.001		YES			0.784	
2	2 PCB-2			NO	1.02	1.000	17.83		0.988		YES			0.823	
3	3 PCB-3			NO	1.00	1.000	18.05		1.001		YES			0.839	
4	4 PCB-4/10			NO	1.21	1.000	19.48		1.004		YES			2.86	
5	5 PCB-7/9			NO	0.939	1.000	21.27		1.003		YES			2.31	
6	6 PCB-6			NO	0.996	1.000	21.92		1.033		YES			2.17	
7	7 PCB-5/8			NO	0.976	1.000	22.32		1.052		YES			2.22	
8	8 PCB-14			NO	1.02	1.000	23.45		0.951		YES			2.28	
9	9 PCB-11			NO	1.12	1.000	24.68		1.001		YES			2.09	
10	10 PCB-12/13			NO	1.02	1.000	25.11		1.018		YES			2.29	
11	11 PCB-15			NO	1.02	1.000	25.39		1.030		YES			2.30	
12	12 PCB-19			NO	0.972	1.000	23.65		1.001		YES			2.14	
13	13 PCB-30			NO	1.54	1.000	24.56		1.040		YES			1.35	
14	14 PCB-18			NO	0.719	1.000	25.32		0.952		YES			2.04	
15	15 PCB-17			NO	0.672	1.000	25.49		0.958		YES			2.18	
16	16 PCB-24/27			NO	0.932	1.000	26.09		0.981		YES			1.57	
17	17 PCB-16/32			NO	0.824	1.000	26.62		1.001		YES			1.78	
18	18 PCB-34			NO	0.878	1.000	27.44		0.959		YES			1.45	
19	19 PCB-23			NO	0.892	1.000	27.53		0.962		YES			1.43	
20	20 PCB-29			NO	0.861	1.000	27.77		0.971		YES			1.48	
21	21 PCB-26			NO	0.915	1.000	28.00		0.979		YES			1.39	
22	22 PCB-25			NO	0.915	1.000	28.16		0.984		YES			1.39	
23	23 PCB-31			NO	1.03	1.000	28.53		0.997		YES			1.24	
24	24 PCB-28			NO	1.01	1.000	28.63		1.001		YES			1.25	
25	25 PCB-20/21/33			NO	0.913	1.000	29.27		1.023		YES			1.39	
26	26 PCB-22			NO	0.948	1.000	29.74		1.039		YES			1.34	
27	27 PCB-36			NO	1.07	1.000	30.36		0.932		YES			1.35	
28	28 PCB-39			NO	1.00	1.000	30.84		0.946		YES			1.44	
29	29 PCB-38			NO	1.05	1.000	31.64		0.971		YES			1.38	
30	30 PCB-35			NO	1.05	1.000	32.16		0.987		YES			1.38	
31	31 PCB-37			NO	1.03	1.000	32.61		1.001		YES			1.41	
32	32 PCB-54			NO	0.974	1.000	27.48		1.001		YES			1.25	

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#	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	0.803	1.000	28.68		1.044		YES			1.52	
34	34 PCB-53			NO	0.939	1.000	29.37		0.944		YES			1.64	
35	35 PCB-51			NO	1.00	1.000	29.70		0.955		YES			1.54	
36	36 PCB-45			NO	0.802	1.000	30.15		0.969		YES			1.92	
37	37 PCB-46			NO	0.770	1.000	30.65		0.985		YES			2.00	
38	38 PCB-52/69			NO	1.08	1.000	31.14		1.001		YES			1.42	
39	39 PCB-73			NO	1.31	1.000	31.25		1.005		YES			1.18	
40	40 PCB-43/49			NO	0.925	1.000	31.43		1.010		YES			1.66	
41	41 PCB-47			NO	0.863	1.000	31.65		1.001		YES			1.74	
42	42 PCB-48/75			NO	1.04	1.000	31.76		1.004		YES			1.45	
43	43 PCB-65			NO	1.16	1.000	32.03		1.013		YES			1.29	
44	44 PCB-62			NO	1.04	1.000	32.16		1.017		YES			1.45	
45	45 PCB-44			NO	0.757	1.000	32.46		1.026		YES			1.98	
46	46 PCB-42/59			NO	0.975	1.000	32.69		1.033		YES			1.54	
47	47 PCB-41/64/71/72			NO	1.12	1.000	33.31		1.053		YES			1.34	
48	48 PCB-68			NO	1.19	1.000	33.56		1.061		YES			1.26	
49	49 PCB-40			NO	0.572	1.000	33.77		1.068		YES			2.62	
50	50 PCB-57			NO	1.08	1.000	34.17		0.969		YES			1.17	
51	51 PCB-67			NO	1.02	1.000	34.48		0.978		YES			1.24	
52	52 PCB-58			NO	1.08	1.000	34.61		0.982		YES			1.17	
53	53 PCB-63			NO	0.971	1.000	34.76		0.986		YES			1.30	
54	54 PCB-74			NO	1.09	1.000	35.06		0.994		YES			1.16	
55	55 PCB-61/70			NO	0.978	1.000	35.27		1.000		YES			1.29	
56	56 PCB-76/66			NO	1.07	1.000	35.45		1.005		YES			1.18	
57	57 PCB-80			NO	1.08	1.000	35.71		1.001		YES			1.13	
58	58 PCB-55			NO	1.06	1.000	36.04		1.010		YES			1.14	
59	59 PCB-56/60			NO	0.946	1.000	36.55		1.024		YES			1.29	
60	60 PCB-79			NO	1.06	1.000	37.65		1.055		YES			1.15	
61	61 PCB-78			NO	1.01	1.000	38.36		0.987		YES			1.24	
62	62 PCB-81			NO	0.941	1.000	38.90		1.000		YES			1.33	
63	63 PCB-77			NO	1.03	1.000	39.52		1.000		YES			1.27	
64	64 PCB-104			NO	0.982	1.000	32.32		1.001		YES			1.59	
65	65 PCB-96			NO	0.982	1.000	33.61		1.041		YES			1.59	
66	66 PCB-103			NO	0.770	1.000	34.17		1.058		YES			2.03	
67	67 PCB-100			NO	0.805	1.000	34.54		1.070		YES			1.94	
68	68 PCB-94			NO	0.831	1.000	35.03		0.985		YES			2.41	

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#	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	1.07	1.000	35.50		0.999		YES			1.87	
70	70 PCB-93			NO	0.761	1.000	35.65		1.003		YES			2.62	
71	71 PCB-88/91			NO	0.910	1.000	35.98		1.012		YES			2.20	
72	72 PCB-121			NO	1.46	1.000	36.09		1.015		YES			1.36	
73	73 PCB-84/92			NO	0.826	1.000	36.93		0.990		YES			2.25	
74	74 PCB-89			NO	0.885	1.000	37.11		0.995		YES			2.10	
75	75 PCB-90/101			NO	0.905	1.000	37.31		1.000		YES			2.05	
76	76 PCB-113			NO	1.26	1.000	37.56		1.007		YES			1.47	
77	77 PCB-99			NO	0.993	1.000	37.66		1.010		YES			1.87	
78	78 PCB-119			NO	1.53	1.000	38.14		0.987		YES			1.50	
79	79 PCB-108/112			NO	1.25	1.000	38.30		0.991		YES			1.85	
80	80 PCB-83			NO	1.56	1.000	38.45		0.995		YES			1.48	
81	81 PCB-97			NO	1.12	1.000	38.66		1.000		YES			2.05	
82	82 PCB-86			NO	1.06	1.000	38.83		1.005		YES			2.17	
83	83 PCB-87/117/125			NO	1.34	1.000	38.95		1.008		YES			1.72	
84	84 PCB-111/115			NO	1.62	1.000	39.11		1.012		YES			1.42	
85	85 PCB-85/116			NO	1.23	1.000	39.23		1.015		YES			1.87	
86	86 PCB-120			NO	1.79	1.000	39.50		1.022		YES			1.28	
87	87 PCB-110			NO	1.50	1.000	39.65		1.026		YES			1.53	
88	88 PCB-82			NO	0.638	1.000	40.29		0.976		YES			2.56	
89	89 PCB-124			NO	1.08	1.000	41.00		0.993		YES			1.51	
90	90 PCB-107/109			NO	1.11	1.000	41.14		0.996		YES			1.47	
91	91 PCB-123			NO	1.00	1.000	41.31		1.000		YES			1.63	
92	92 PCB-106/118			NO	1.02	1.000	41.51		1.001		YES			1.61	
93	93 PCB-114			NO	1.08	1.000	42.17		1.000		YES			1.34	
94	94 PCB-122			NO	0.930	1.000	42.32		1.004		YES			1.56	
95	95 PCB-105			NO	1.03	1.000	43.06		1.000		YES			1.36	
96	96 PCB-127			NO	1.06	1.000	43.42		1.000		YES			1.24	
97	97 PCB-126			NO	1.15	1.000	45.37		1.000		YES			1.30	
98	98 PCB-155			NO	0.853	1.000	36.84		1.000		YES			1.75	
99	99 PCB-150			NO	0.934	1.000	38.16		1.036		YES			1.60	
100	1... PCB-152			NO	1.02	1.000	38.64		1.049		YES			1.47	
101	1... PCB-145			NO	0.983	1.000	39.11		1.062		YES			1.52	
102	1... PCB-136			NO	0.881	1.000	39.44		1.071		YES			1.70	
103	1... PCB-148			NO	0.666	1.000	39.55		1.074		YES			2.24	
104	1... PCB-154			NO	0.721	1.000	40.06		1.088		YES			2.07	

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#	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	0.674	1.000	40.72		1.106		YES			2.22	
106	1... PCB-135			NO	0.723	1.000	40.95		1.112		YES			2.07	
107	1... PCB-144			NO	0.691	1.000	41.06		1.115		YES			2.16	
108	1... PCB-147			NO	0.713	1.000	41.19		1.119		YES			2.10	
109	1... PCB-139/149			NO	0.773	1.000	41.47		1.126		YES			1.93	
110	1... PCB-140			NO	0.652	1.000	41.66		1.131		YES			2.29	
111	1... PCB-134/143			NO	0.718	1.000	42.11		0.975		YES			1.91	
112	1... PCB-131/133			NO	0.768	1.000	42.42		0.982		YES			1.79	
113	1... PCB-142			NO	0.687	1.000	42.56		0.985		YES			2.00	
114	1... PCB-146/165			NO	0.943	1.000	42.81		0.991		YES			1.46	
115	1... PCB-132/161			NO	0.957	1.000	43.06		0.997		YES			1.43	
116	1... PCB-153			NO	0.990	1.000	43.25		1.001		YES			1.39	
117	1... PCB-168			NO	1.03	1.000	43.46		1.006		YES			1.33	
118	1... PCB-141			NO	0.948	1.000	43.99		1.000		YES			1.81	
119	1... PCB-137			NO	0.964	1.000	44.36		1.009		YES			1.78	
120	1... PCB-130			NO	0.816	1.000	44.48		1.012		YES			2.10	
121	1... PCB-138/163/164			NO	1.15	1.000	44.90		1.001		YES			1.38	
122	1... PCB-158/160			NO	1.14	1.000	45.14		1.007		YES			1.40	
123	1... PCB-129			NO	0.807	1.000	45.39		1.012		YES			1.98	
124	1... PCB-166			NO	1.03	1.000	45.85		0.993		YES			1.36	
125	1... PCB-159			NO	1.10	1.000	46.21		1.001		YES			1.28	
126	1... PCB-128/162			NO	0.836	1.000	46.49		1.007		YES			1.68	
127	1... PCB-167			NO	0.960	1.000	46.90		1.000		YES			1.41	
128	1... PCB-156			NO	1.06	1.000	48.23		1.000		YES			1.37	
129	1... PCB-157			NO	0.960	1.000	48.50		1.000		YES			1.46	
130	1... PCB-169			NO	1.04	1.000	50.77		1.000		YES			1.45	
131	1... PCB-188			NO	1.15	1.000	42.87		1.001		YES			1.11	
132	1... PCB-184			NO	1.14	1.000	43.32		1.011		YES			1.12	
133	1... PCB-179			NO	1.07	1.000	44.12		1.030		YES			1.19	
134	1... PCB-176			NO	1.11	1.000	44.59		1.041		YES			1.15	
135	1... PCB-186			NO	1.23	1.000	45.24		1.056		YES			1.04	
136	1... PCB-178			NO	0.830	1.000	45.75		1.068		YES			1.54	
137	1... PCB-175			NO	0.853	1.000	46.09		1.076		YES			1.49	
138	1... PCB-182/187			NO	0.942	1.000	46.28		1.081		YES			1.35	
139	1... PCB-183			NO	0.910	1.000	46.60		1.088		YES			1.40	
140	1... PCB-185			NO	1.24	1.000	47.28		0.954		YES			1.71	

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#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174			NO	1.20	1.000	47.66		0.962		YES			1.77	
142	1... PCB-181			NO	1.33	1.000	47.76		0.964		YES			1.59	
143	1... PCB-177			NO	1.14	1.000	47.93		0.967		YES			1.86	
144	1... PCB-171			NO	1.22	1.000	48.24		0.974		YES			1.74	
145	1... PCB-173			NO	1.07	1.000	48.68		0.983		YES			1.98	
146	1... PCB-172			NO	1.26	1.000	49.14		0.992		YES			1.69	
147	1... PCB-192			NO	1.61	1.000	49.35		0.996		YES			1.31	
148	1... PCB-180			NO	1.30	1.000	49.56		1.000		YES			1.63	
149	1... PCB-193			NO	1.47	1.000	49.78		1.005		YES			1.44	
150	1... PCB-191			NO	1.51	1.000	50.03		1.010		YES			1.41	
151	1... PCB-170			NO	1.23	1.000	51.22		1.000		YES			1.74	
152	1... PCB-190			NO	1.61	1.000	51.44		1.005		YES			1.33	
153	1... PCB-189			NO	1.27	1.000	52.93		1.000		YES			1.25	
154	1... PCB-202			NO	0.995	1.000	48.46		1.001		YES			0.829	
155	1... PCB-201			NO	0.904	1.000	48.95		1.011		YES			0.912	
156	1... PCB-204			NO	0.955	1.000	49.10		1.014		YES			0.864	
157	1... PCB-197			NO	0.964	1.000	49.42		1.021		YES			0.855	
158	1... PCB-200			NO	0.911	1.000	50.35		1.040		YES			0.905	
159	1... PCB-198			NO	0.696	1.000	51.90		1.072		YES			1.19	
160	1... PCB-199			NO	0.706	1.000	52.04		1.075		YES			1.17	
161	1... PCB-196/203			NO	0.754	1.000	52.34		1.081		YES			1.09	
162	1... PCB-195			NO	0.957	1.000	53.62		0.984		YES			0.838	
163	1... PCB-194	3.47e2	0.94	NO	1.06	1.000	54.54	54.52	1.000	1.000	NO	4.329		0.756	4.329
164	1... PCB-205			NO	1.27	1.000	54.81		1.005		YES			0.632	
165	1... PCB-208	1.74e2	2.38	YES	0.861	1.000	53.78	53.79	1.000	1.000	NO	2.123		0.538	1.469
166	1... PCB-207	1.45e2	1.53	NO	0.849	1.000	54.11	54.13	1.007	1.007	NO	1.800		0.545	1.800
167	1... PCB-206	1.05e2	1.34	NO	0.951	1.000	56.08	56.07	1.000	1.000	NO	1.599		0.664	1.599
168	1... PCB-209	9.30e1	0.72	YES	0.863	1.000	57.30	57.32	1.000	1.000	NO	1.360		0.418	1.057
169	1... 13C-PCB-1	2.28e6	3.19	NO	0.937	1.000	15.43	15.42	0.608	0.608	NO	10680	107	6.20	
170	1... 13C-PCB-3	2.22e6	3.18	NO	0.934	1.000	18.06	18.04	0.712	0.711	NO	10400	104	6.22	
171	1... 13C-PCB-4	1.44e6	1.62	NO	0.599	1.000	19.41	19.40	0.765	0.765	NO	10560	106	2.79	
172	1... 13C-PCB-9	2.30e6	1.59	NO	0.960	1.000	21.22	21.21	0.836	0.836	NO	10510	105	1.74	
173	1... 13C-PCB-11	2.24e6	1.60	NO	0.929	1.000	24.65	24.66	0.971	0.972	NO	10550	106	1.80	
174	1... 13C-PCB-19	1.23e6	1.01	NO	0.506	1.000	23.62	23.62	0.931	0.931	NO	10620	106	33.4	
175	1... 13C-PCB-32	1.79e6	1.03	NO	0.738	1.000	26.61	26.60	1.049	1.048	NO	10600	106	22.9	
176	1... 13C-PCB-28	2.12e6	1.06	NO	1.06	1.000	28.61	28.61	1.004	1.004	NO	10640	106	23.0	

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177	1... 13C-PCB-37	1.88e6	1.05	NO	0.979	1.000	32.59	32.59	1.143	1.144	NO	10220	102	24.9	
178	1... 13C-PCB-54	1.51e6	0.79	NO	0.981	1.000	27.49	27.46	0.753	0.752	NO	10560	106	5.36	
179	1... 13C-PCB-52	1.20e6	0.78	NO	0.786	1.000	31.10	31.11	0.852	0.852	NO	10470	105	6.68	
180	1... 13C-PCB-47	1.27e6	0.77	NO	0.833	1.000	31.63	31.63	0.866	0.866	NO	10500	105	6.31	
181	1... 13C-PCB-70	1.51e6	0.80	NO	0.981	1.000	35.25	35.26	0.965	0.965	NO	10570	106	5.36	
182	1... 13C-PCB-80	1.55e6	0.78	NO	1.01	1.000	35.68	35.68	0.977	0.977	NO	10520	105	5.18	
183	1... 13C-PCB-81	1.52e6	0.78	NO	0.995	1.000	38.88	38.88	1.064	1.065	NO	10460	105	5.28	
184	1... 13C-PCB-77	1.45e6	0.79	NO	0.977	1.000	39.50	39.50	1.082	1.082	NO	10190	102	5.38	
185	1... 13C-PCB-104	1.25e6	1.58	NO	1.00	1.000	32.30	32.30	0.826	0.826	NO	10760	108	4.16	
186	1... 13C-PCB-95	9.60e5	1.58	NO	0.779	1.000	35.55	35.55	0.910	0.910	NO	10690	107	5.36	
187	1... 13C-PCB-101	1.04e6	1.58	NO	0.833	1.000	37.30	37.30	0.954	0.954	NO	10840	108	5.01	
188	1... 13C-PCB-97	8.51e5	1.62	NO	0.679	1.000	38.64	38.64	0.988	0.989	NO	10870	109	6.15	
189	1... 13C-PCB-123	1.22e6	1.56	NO	0.970	1.000	41.28	41.28	1.056	1.056	NO	10880	109	4.30	
190	1... 13C-PCB-118	1.23e6	1.60	NO	1.00	1.000	41.49	41.47	1.061	1.061	NO	10670	107	4.17	
191	1... 13C-PCB-114	1.29e6	1.59	NO	1.55	1.000	42.15	42.15	0.908	0.907	NO	10550	106	4.70	
192	1... 13C-PCB-105	1.34e6	1.60	NO	1.59	1.000	43.04	43.04	0.927	0.927	NO	10670	107	4.57	
193	1... 13C-PCB-127	1.42e6	1.60	NO	1.66	1.000	43.40	43.40	0.934	0.934	NO	10900	109	4.39	
194	1... 13C-PCB-126	1.27e6	1.63	NO	1.65	1.000	45.35	45.35	0.976	0.976	NO	9783	97.8	4.42	
195	1... 13C-PCB-155	1.02e6	1.27	NO	0.819	1.000	36.81	36.82	0.942	0.942	NO	10810	108	2.78	
196	1... 13C-PCB-153	1.12e6	1.22	NO	1.31	1.000	43.22	43.21	0.930	0.930	NO	10830	108	4.35	
197	1... 13C-PCB-141	9.33e5	1.28	NO	1.08	1.000	43.99	43.97	0.947	0.947	NO	10930	109	5.27	
198	1... 13C-PCB-138	9.70e5	1.27	NO	1.15	1.000	44.84	44.84	0.965	0.965	NO	10680	107	4.96	
199	1... 13C-PCB-159	1.13e6	1.29	NO	1.39	1.000	46.16	46.17	0.994	0.994	NO	10280	103	4.10	
200	2... 13C-PCB-167	1.20e6	1.25	NO	1.43	1.000	46.88	46.88	1.009	1.009	NO	10670	107	4.00	
201	2... 13C-PCB-156	1.11e6	1.25	NO	1.34	1.000	48.22	48.21	1.038	1.038	NO	10550	106	4.26	
202	2... 13C-PCB-157	1.12e6	1.26	NO	1.36	1.000	48.48	48.48	1.044	1.044	NO	10500	105	4.20	
203	2... 13C-PCB-169	1.11e6	1.24	NO	1.33	1.000	50.75	50.75	1.092	1.093	NO	10560	106	4.29	
204	2... 13C-PCB-188	1.02e6	0.44	NO	1.39	1.000	42.83	42.83	0.925	0.925	NO	10950	110	4.57	
205	2... 13C-PCB-180	6.39e5	0.46	NO	0.907	1.000	49.55	49.54	1.071	1.070	NO	10480	105	7.00	
206	2... 13C-PCB-170	6.02e5	0.45	NO	0.823	1.000	51.20	51.21	1.106	1.106	NO	10890	109	7.72	
207	2... 13C-PCB-189	7.42e5	0.46	NO	1.08	1.000	52.91	52.91	1.143	1.143	NO	10260	103	5.90	
208	2... 13C-PCB-202	9.20e5	0.96	NO	1.23	1.000	48.43	48.42	1.046	1.046	NO	11100	111	3.00	
209	2... 13C-PCB-194	7.56e5	0.92	NO	0.710	1.000	54.52	54.52	0.995	0.995	NO	10410	104	5.51	
210	2... 13C-PCB-208	9.50e5	0.79	NO	0.865	1.000	53.76	53.76	0.981	0.981	NO	10720	107	5.47	
211	2... 13C-PCB-206	6.89e5	0.79	NO	0.623	1.000	56.07	56.06	1.023	1.023	NO	10800	108	7.60	
212	2... 13C-PCB-209	7.93e5	1.18	NO	0.725	1.000	57.31	57.30	1.046	1.046	NO	10680	107	0.941	

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Printed: Thursday, November 26, 2020 08:25:36 Pacific Standard Time

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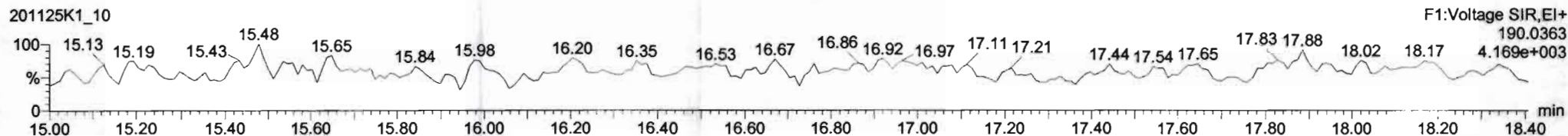
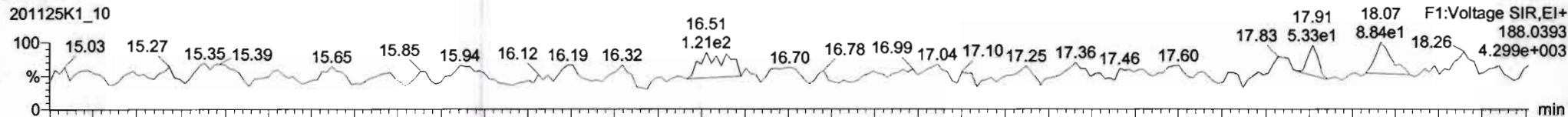
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213	2... 13C-PCB-15	2.28e6	1.61	NO	1.00	1.000	25.39	25.37	1.000	0.000	NO	10000	100	1.67	
214	2... 13C-PCB-31	1.88e6	1.06	NO	1.00	1.000	28.52	28.50	1.000	0.000	NO	10000	100	24.4	
215	2... 13C-PCB-60	1.46e6	0.80	NO	1.00	1.000	36.54	36.52	1.000	0.000	NO	10000	100	5.26	
216	2... 13C-PCB-111	1.15e6	1.61	NO	1.00	1.000	39.11	39.09	1.000	0.000	NO	10000	100	4.17	
217	2... 13C-PCB-128	7.88e5	1.25	NO	1.00	1.000	46.47	46.45	1.000	0.000	NO	10000	100	5.71	
218	2... 13C-PCB-182	6.72e5	0.46	NO	1.00	1.000	46.30	46.28	0.000	0.000	NO	10000	100	6.35	
219	2... 13C-PCB-205	1.02e6	0.91	NO	1.00	1.000	54.81	54.78	1.000	0.000	NO	10000	100	3.91	
220	2... 13C-PCB-79	1.69e6	0.80	NO	1.04	1.000	37.62	37.62	1.030	1.030	NO	11200	112	5.07	
221	2... 13C-PCB-178	7.33e5	0.46	NO	0.774	1.000	45.72	45.71	0.988	0.988	NO	12020	120	6.70	
222	2... 13C-PCB-79	1.69e6	0.80	NO	1.04	1.000	37.63	37.62	0.968	0.967	NO	10700	107	4.88	
223	2... 13C-PCB-178	7.33e5	0.46	NO	1.02	1.000	45.71	45.71	0.923	0.923	NO	11270	113	6.43	

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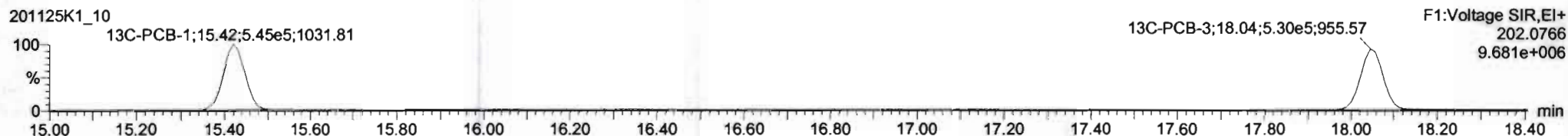
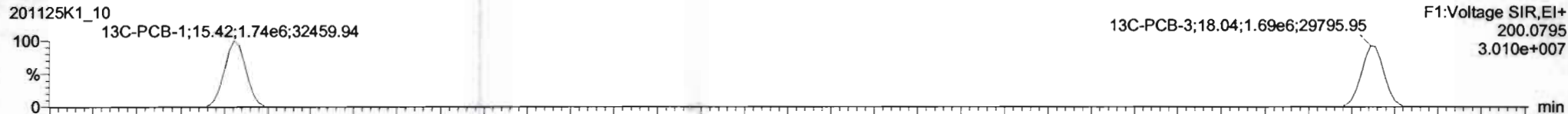
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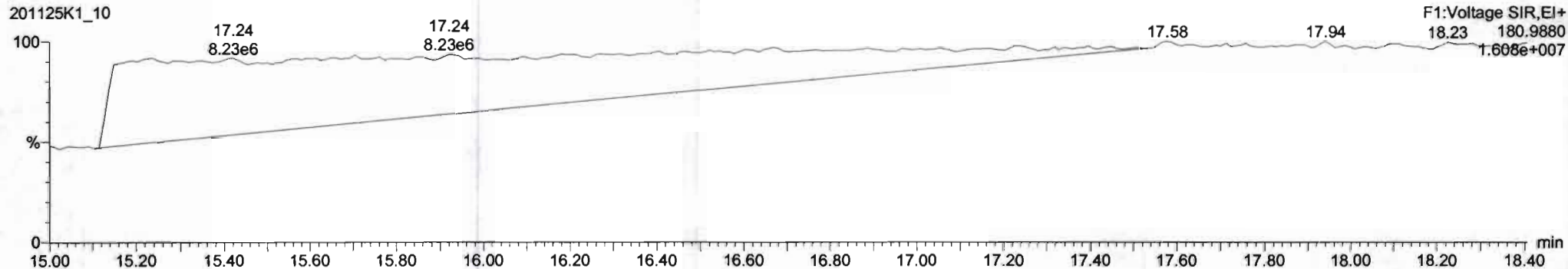
PCB-1



13C-PCB-1



PFK1



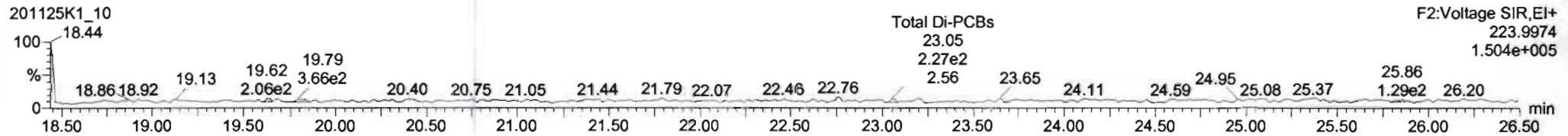
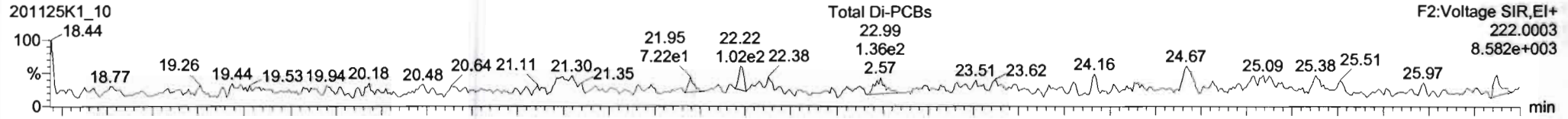
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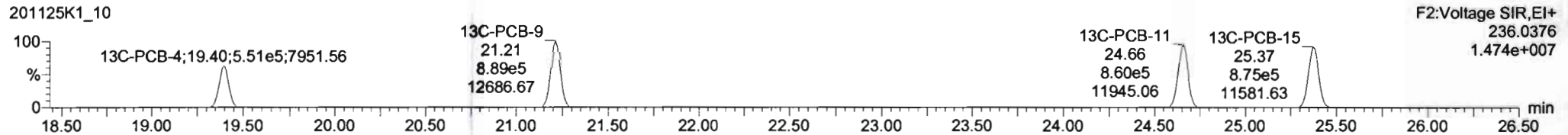
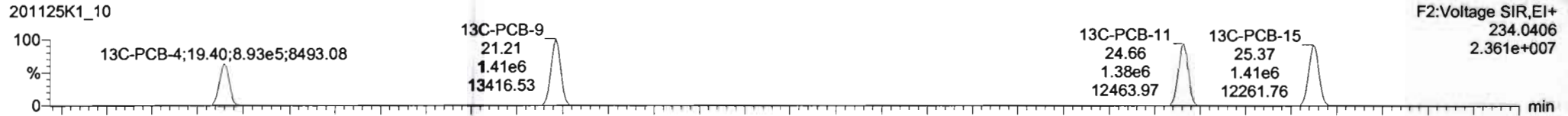
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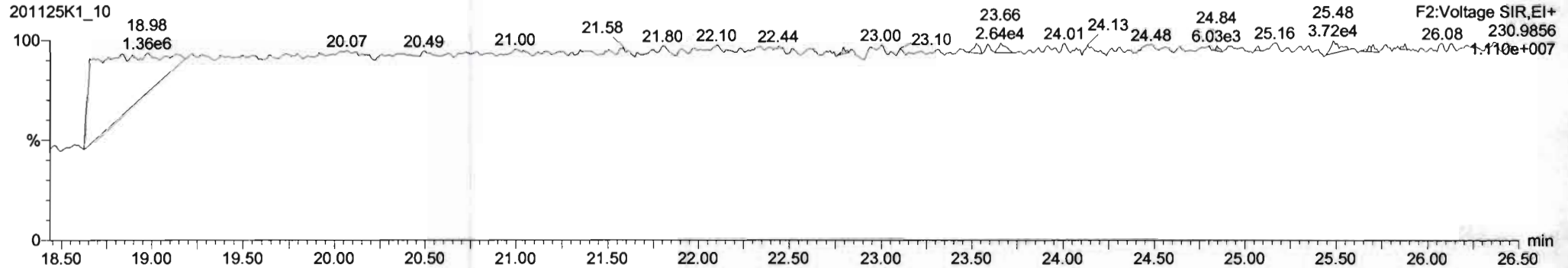
PCB-4/10



13C-PCB-4



PFK2a



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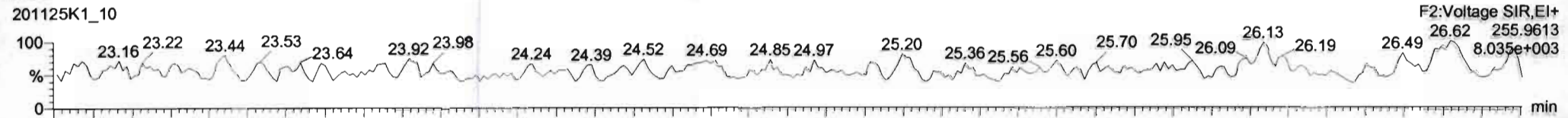
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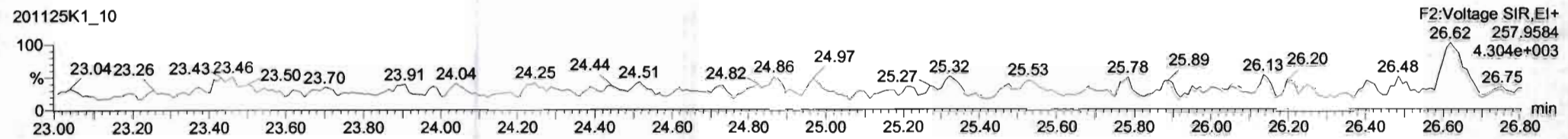
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PCB-19

201125K1_10

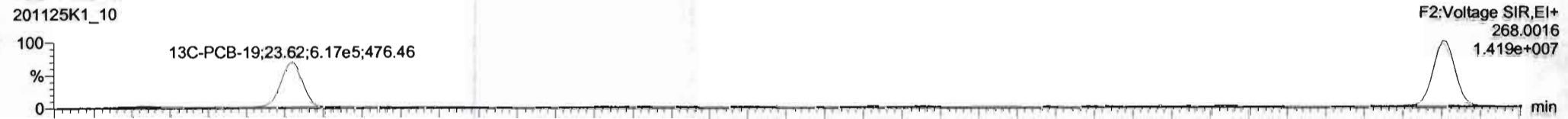


201125K1_10

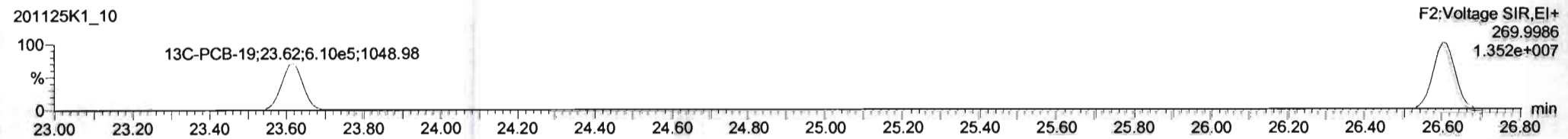


13C-PCB-19

201125K1_10

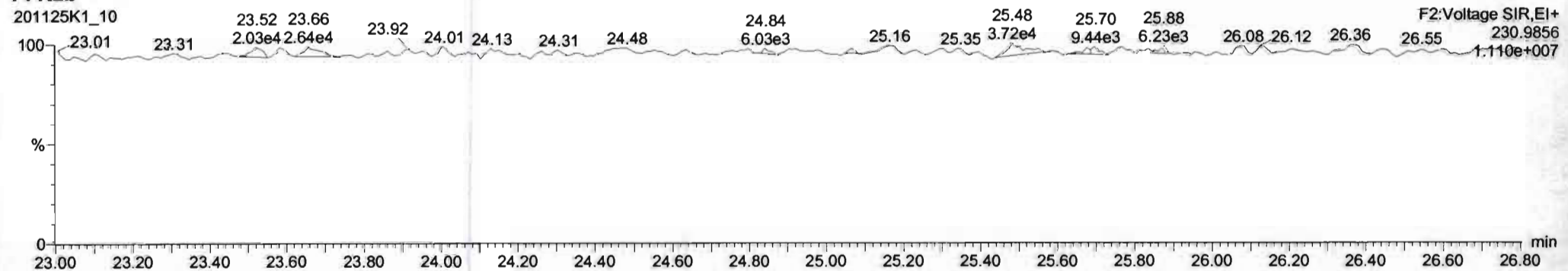


201125K1_10



PFK2b

201125K1_10



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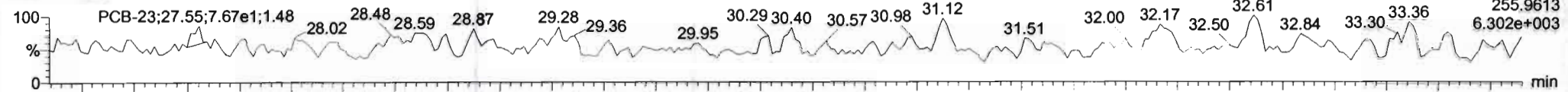
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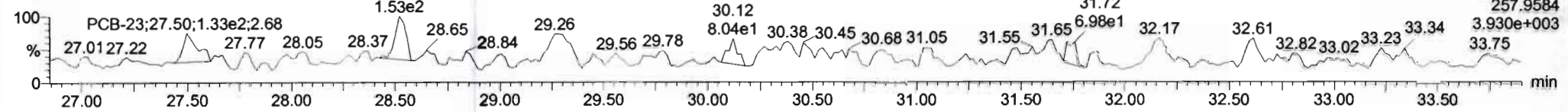
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PCB-34

201125K1_10



201125K1_10

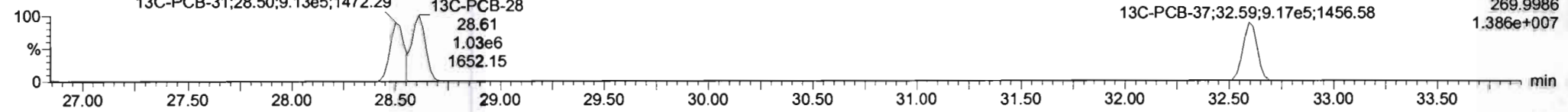


13C-PCB-28

201125K1_10

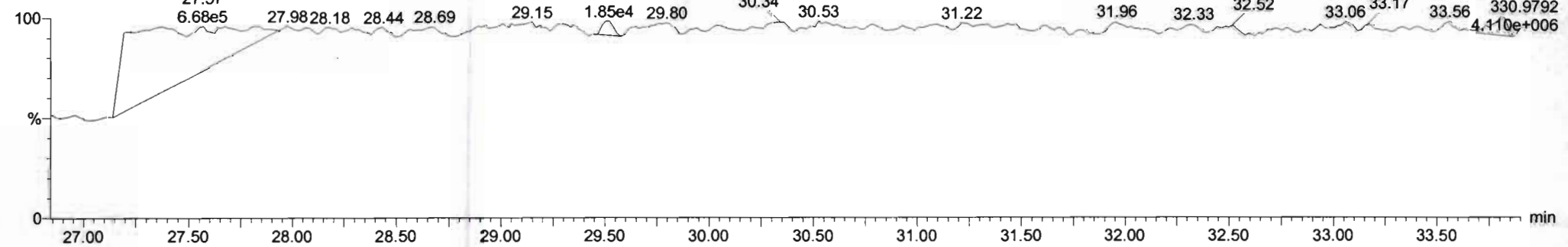


201125K1_10



PFK3d

201125K1_10



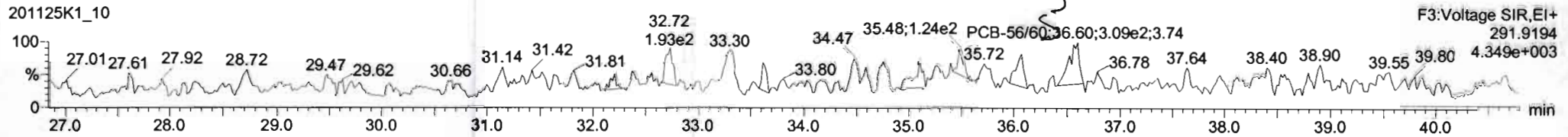
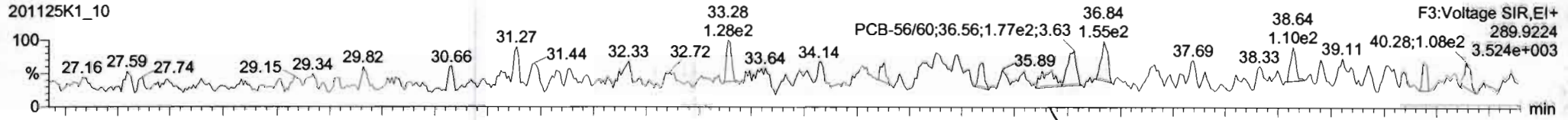
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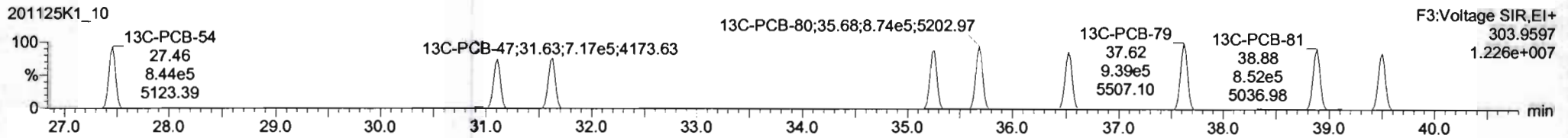
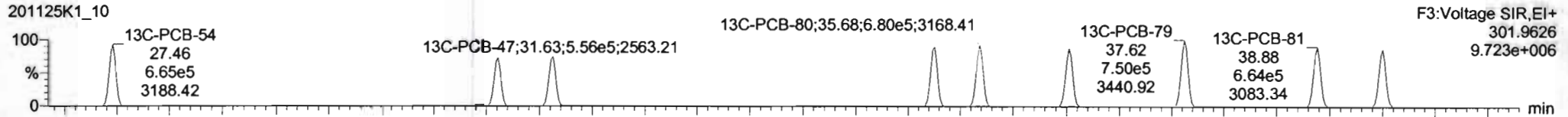
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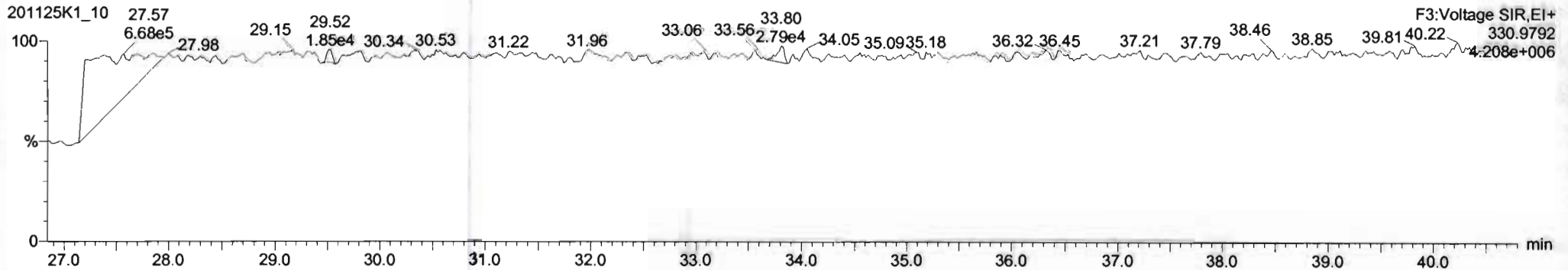
PCB-54



13C-PCB-54



PFK3a



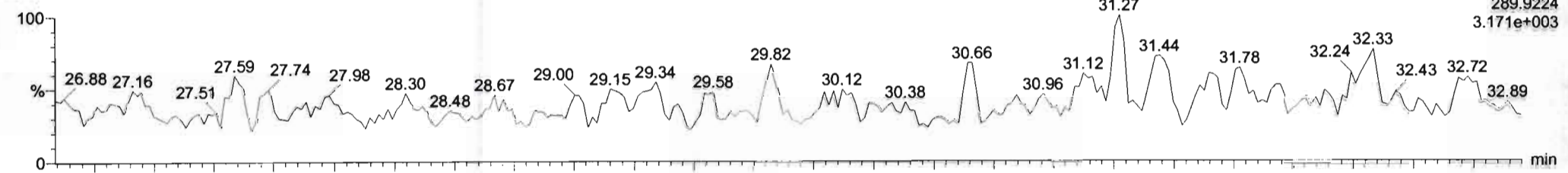
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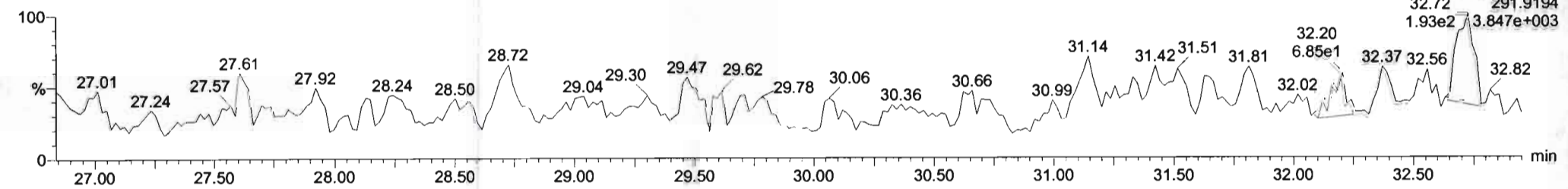
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PCB-50

201125K1_10

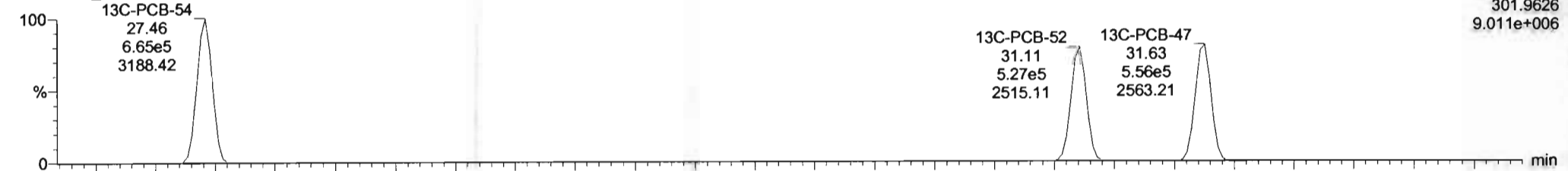


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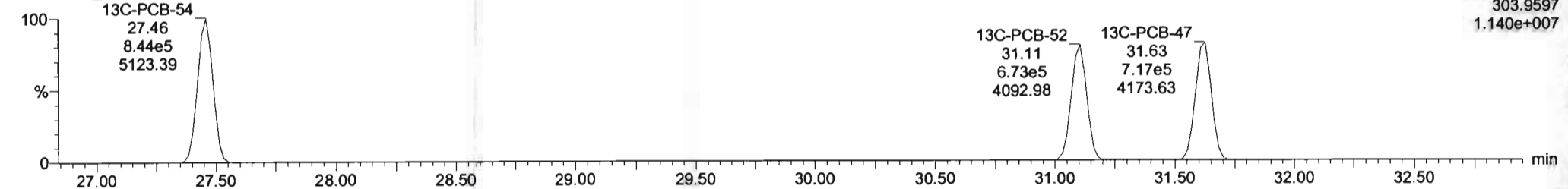


13C-PCB-52

201125K1_10



201125K1_10



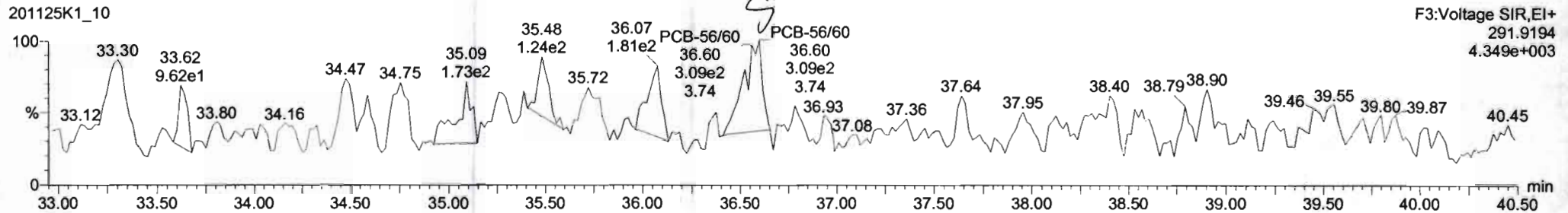
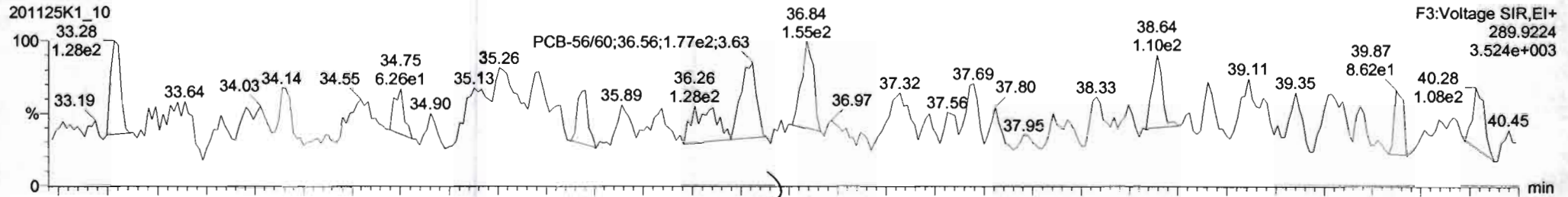
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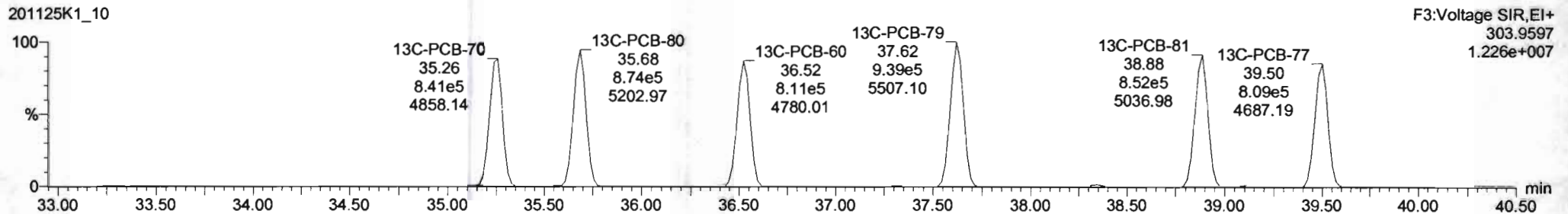
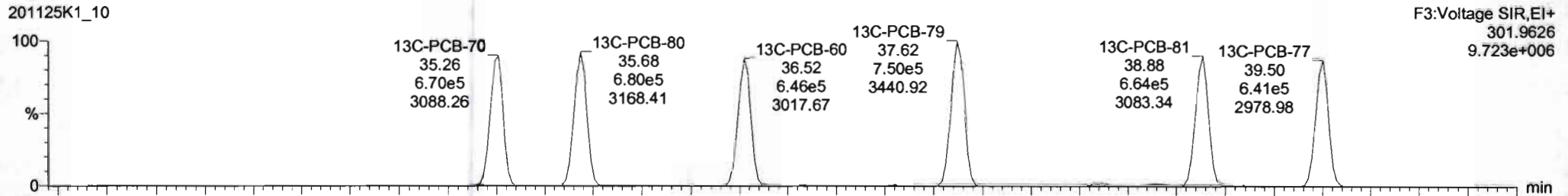
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PCB-68



13C-PCB-60



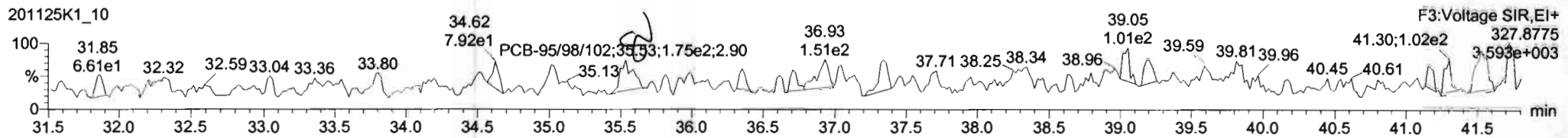
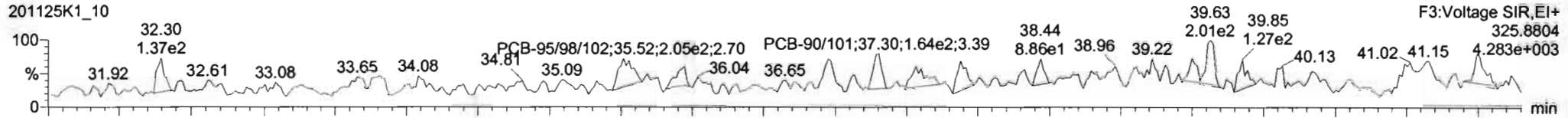
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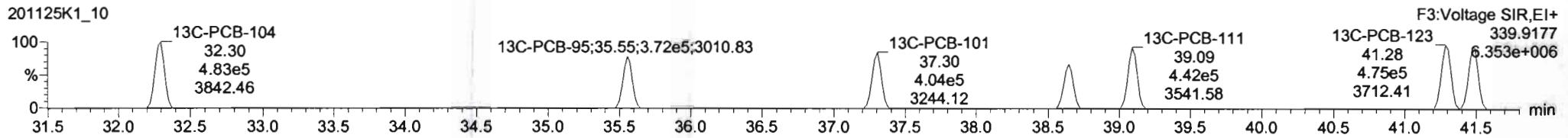
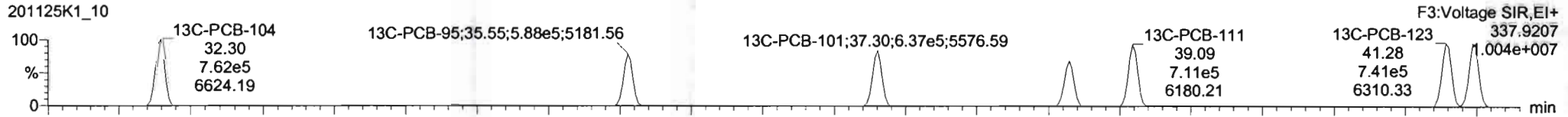
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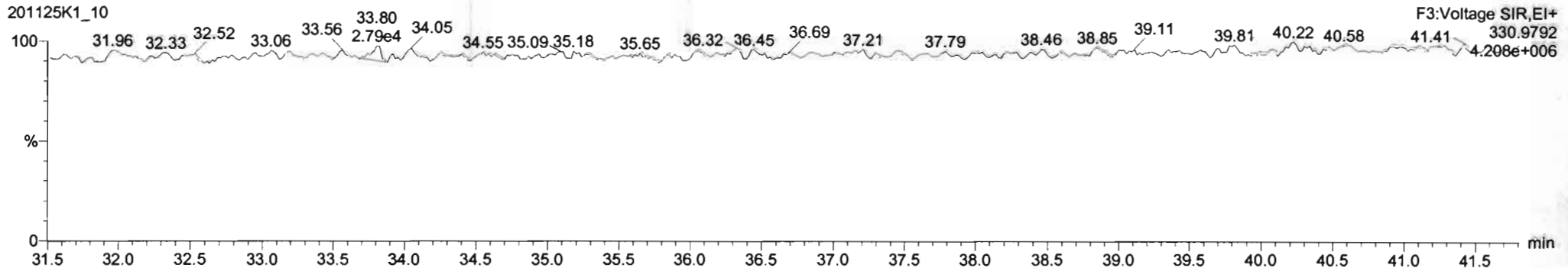
PCB-104



13C-PCB-104



PFK3b

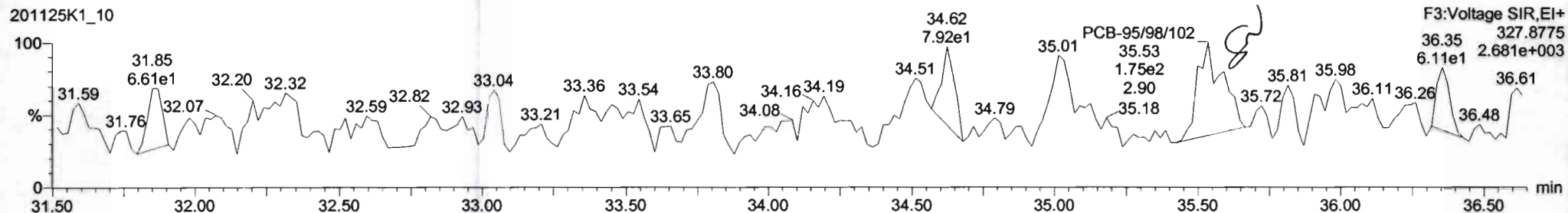
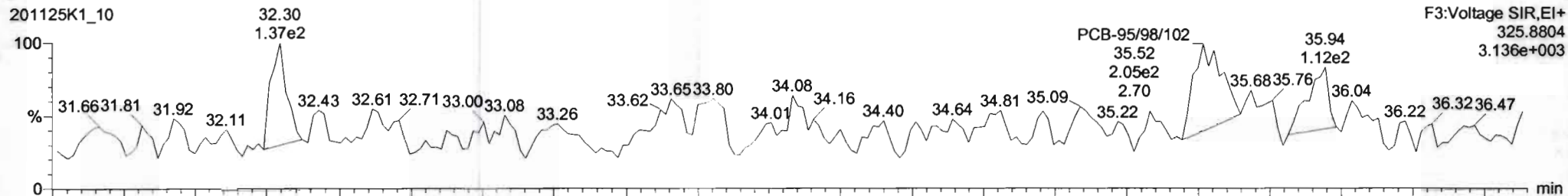


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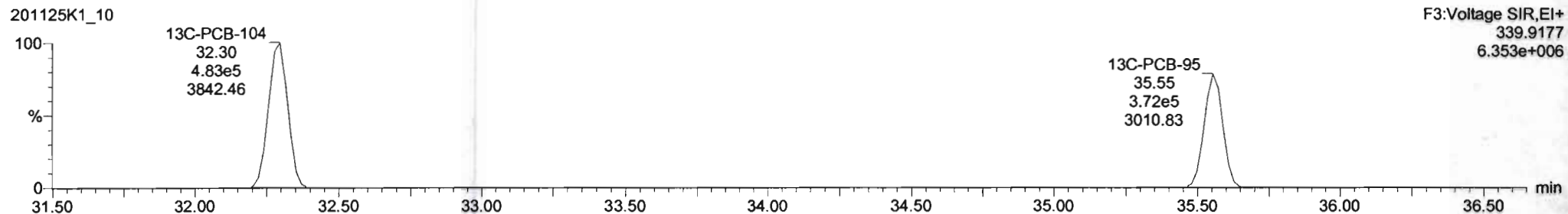
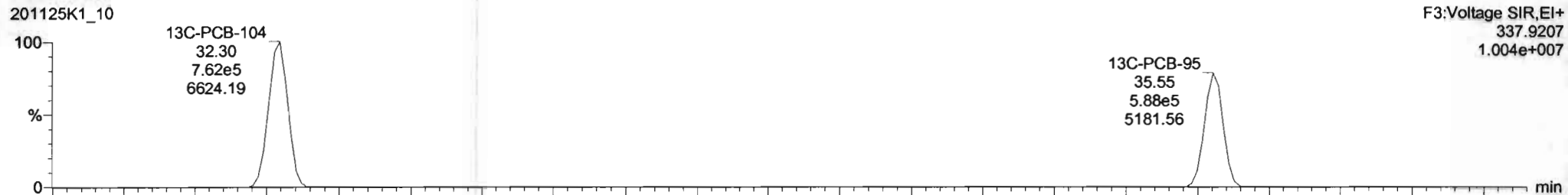
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PCB-96



13C-PCB-95



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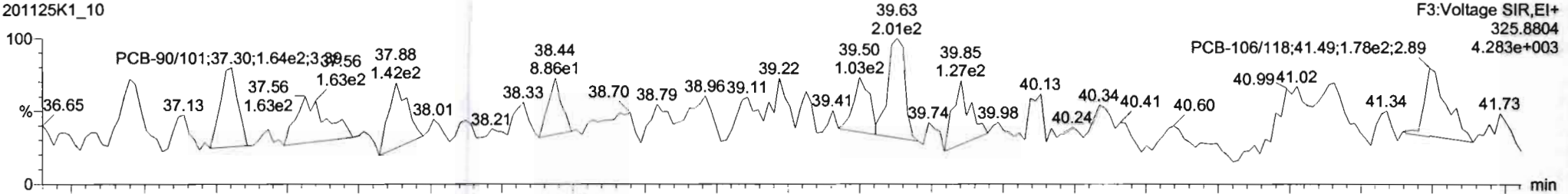
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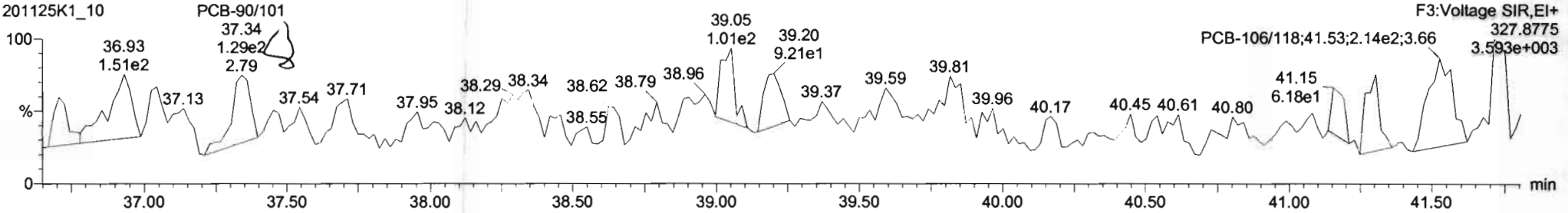
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PCB-119

201125K1_10

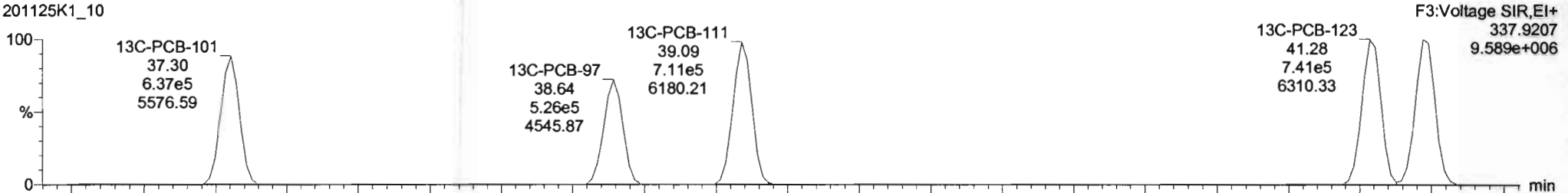


201125K1_10

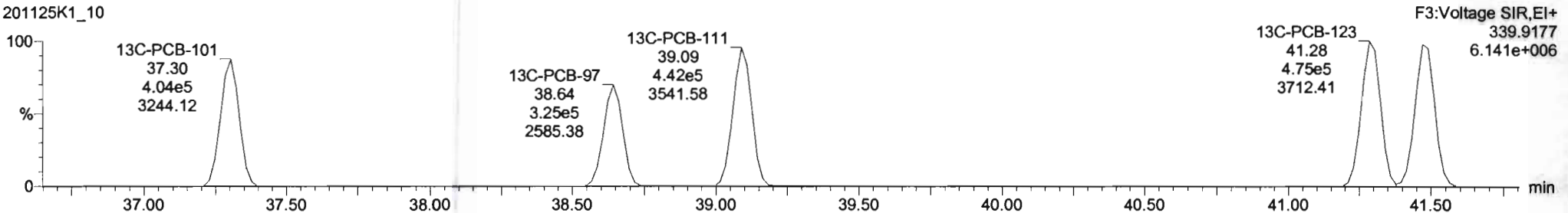


13C-PCB-111

201125K1_10



201125K1_10



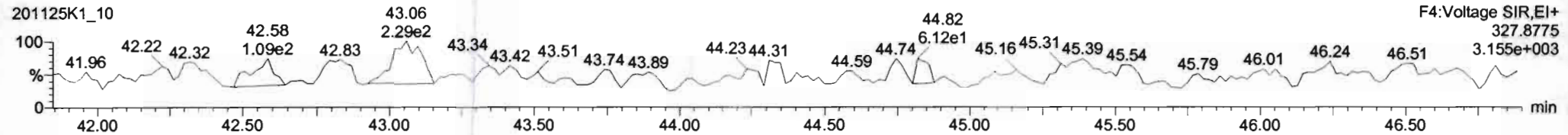
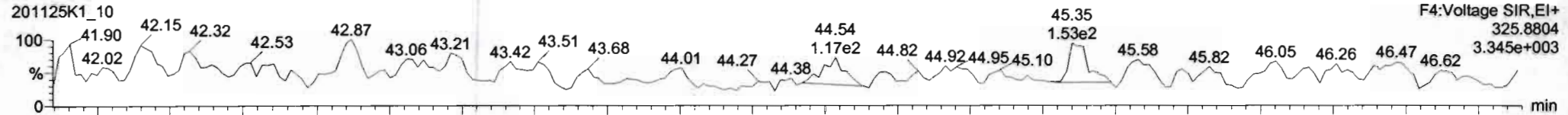
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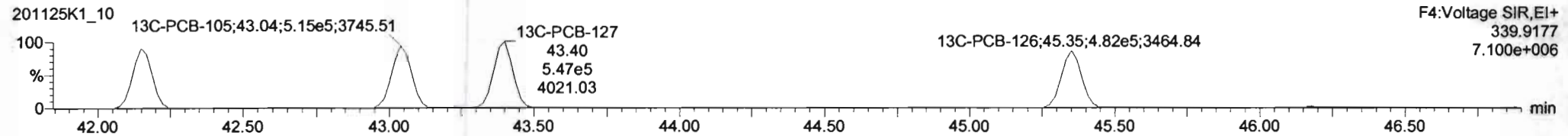
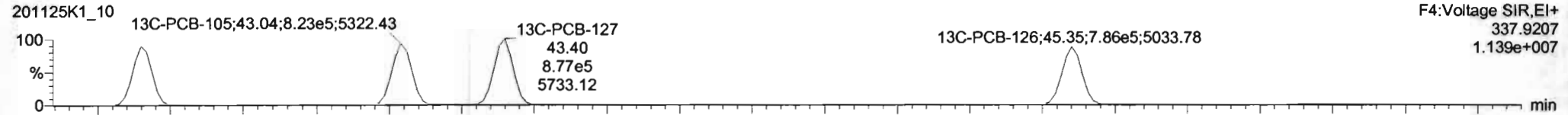
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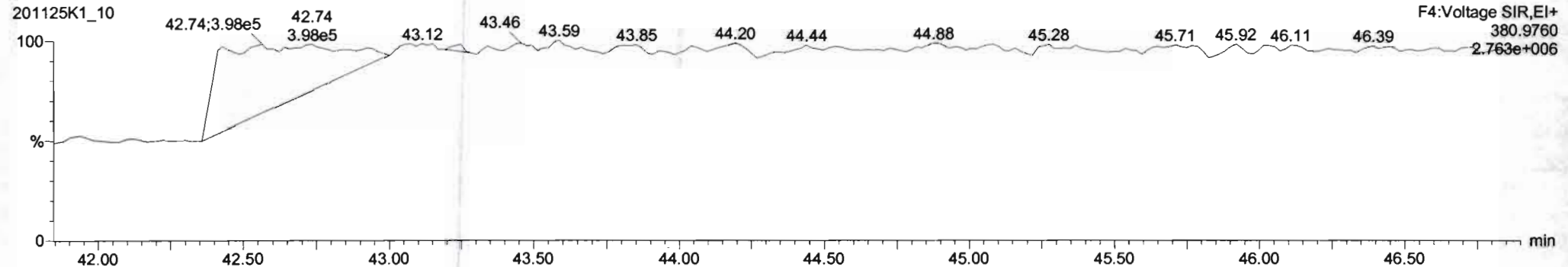
PCB-114



13C-PCB-114



PFK4a



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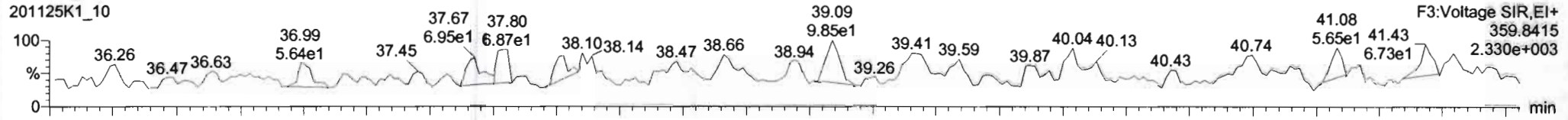
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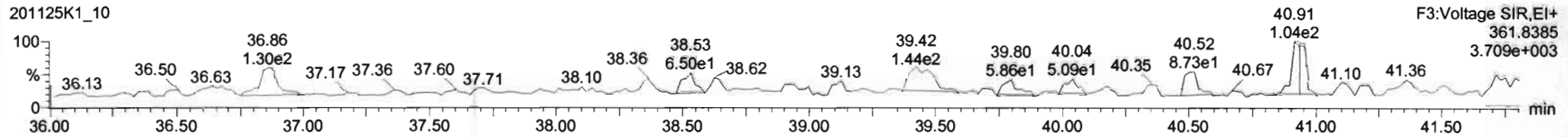
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PCB-155

201125K1_10

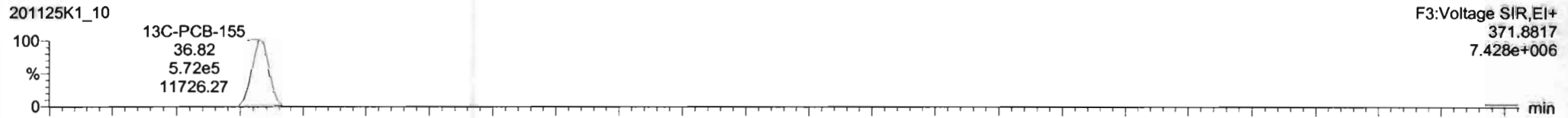


201125K1_10

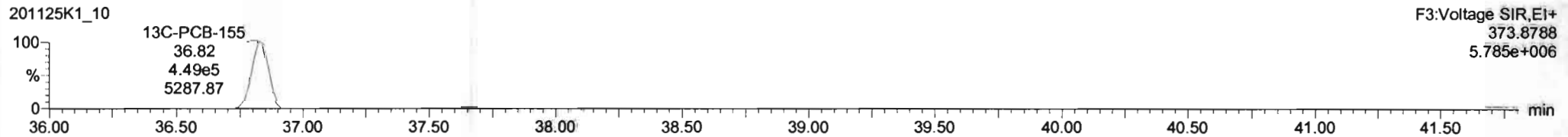


13C-PCB-155

201125K1_10

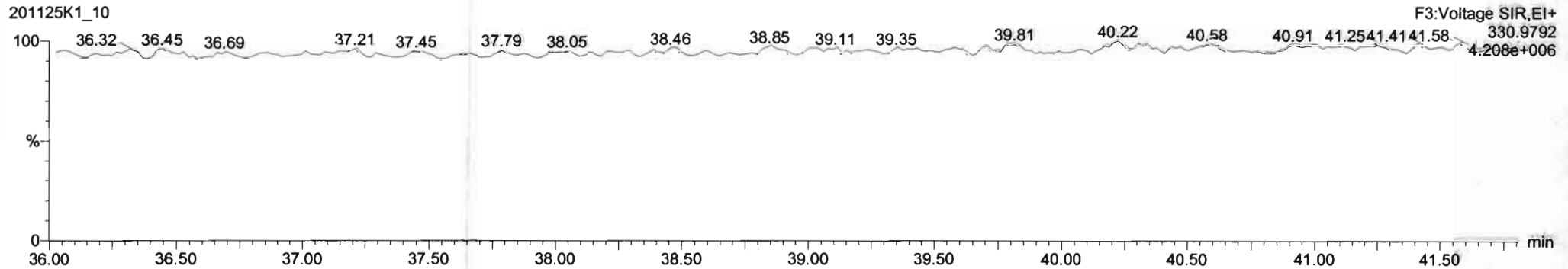


201125K1_10



PFK3c

201125K1_10



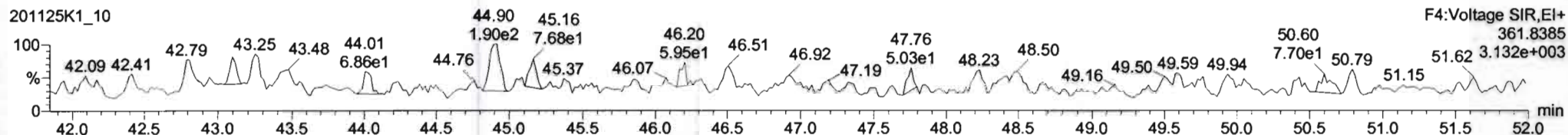
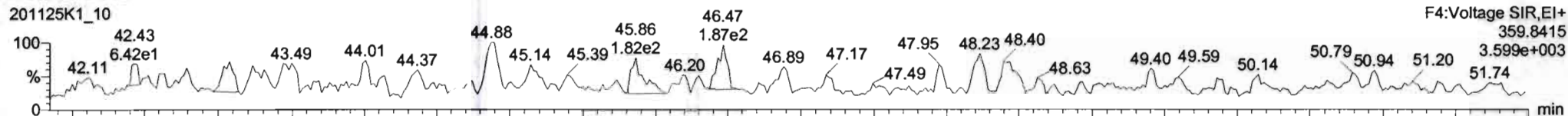
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

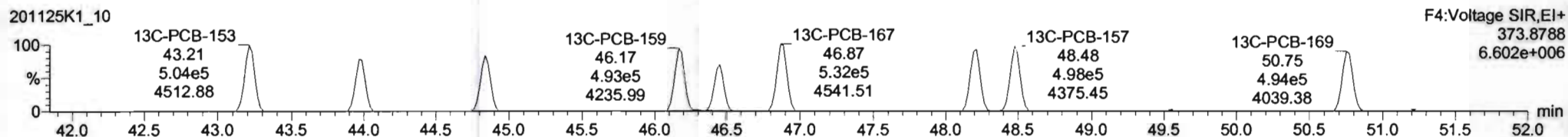
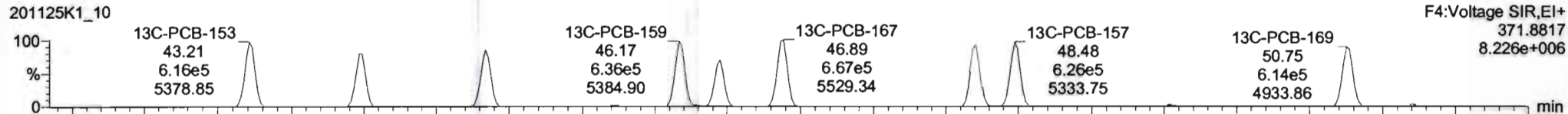
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_10, Date: 25-Nov-2020, Time: 19:00:53, ID: QC201125K1-CRV BLANK, Description: QC

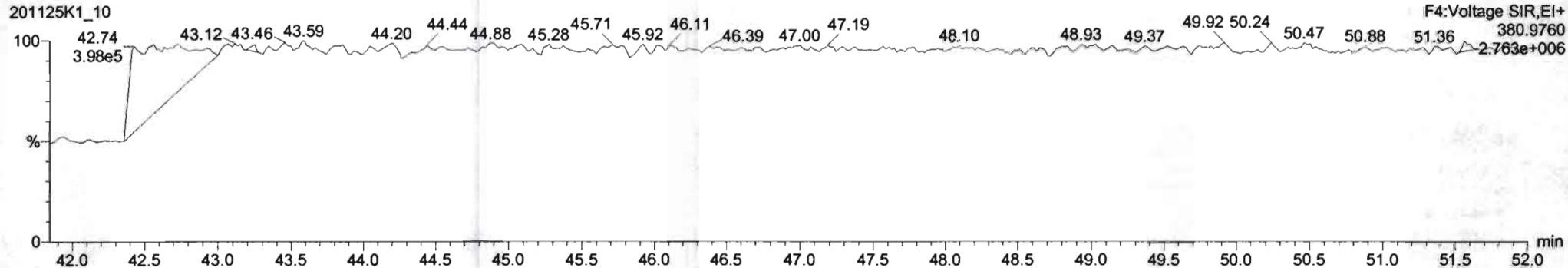
PCB-134/143



13C-PCB-153



PFK4b

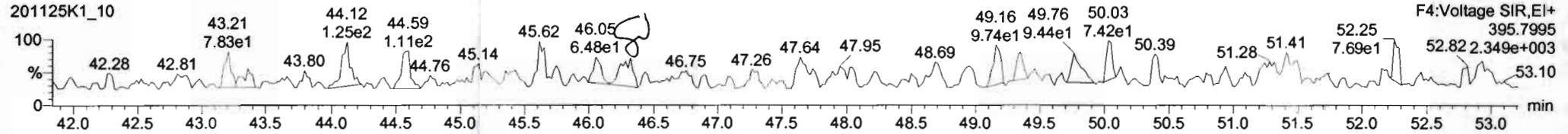
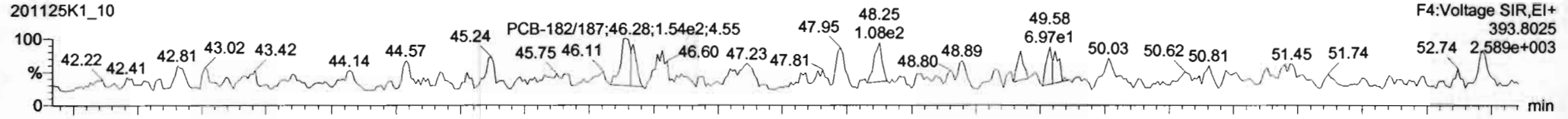


Dataset: Untitled

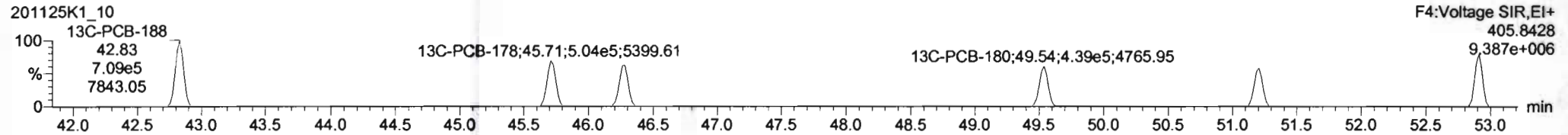
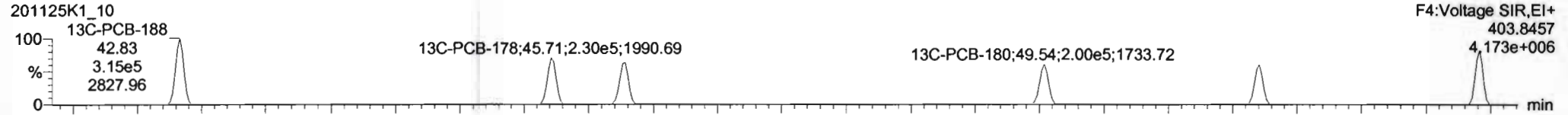
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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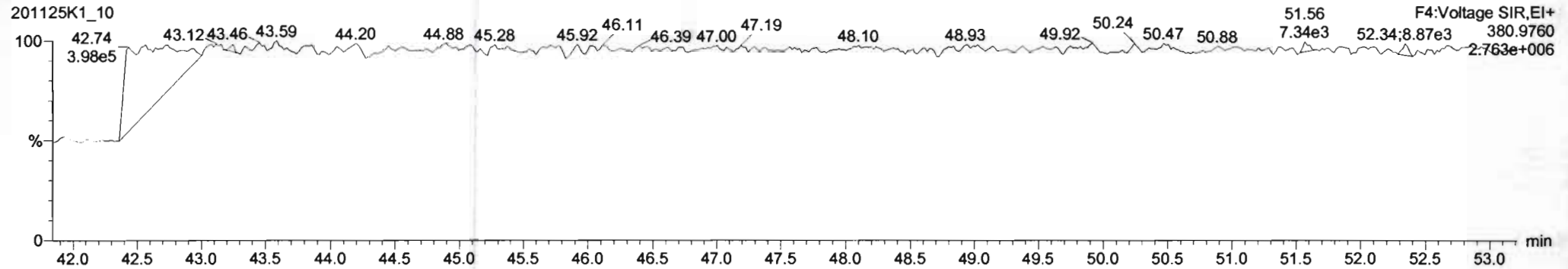
PCB-188



13C-PCB-188



PFK4c



Dataset: Untitled

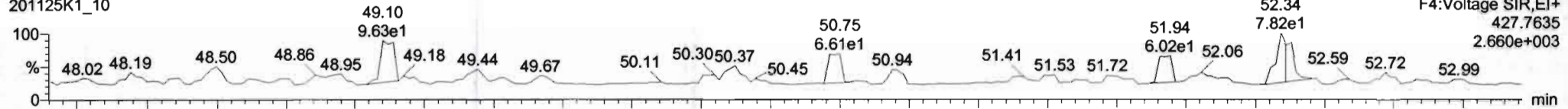
Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

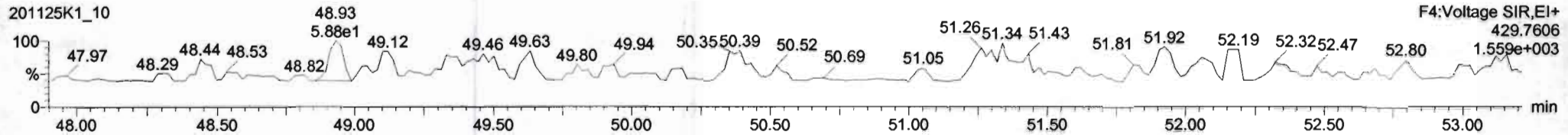
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PCB-202

201125K1_10

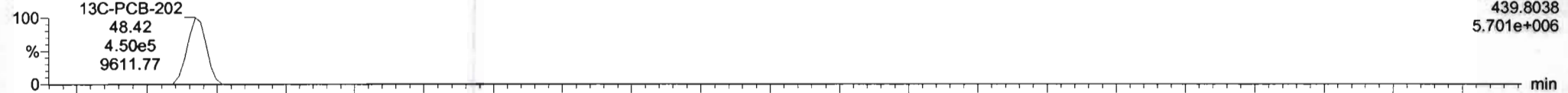


201125K1_10

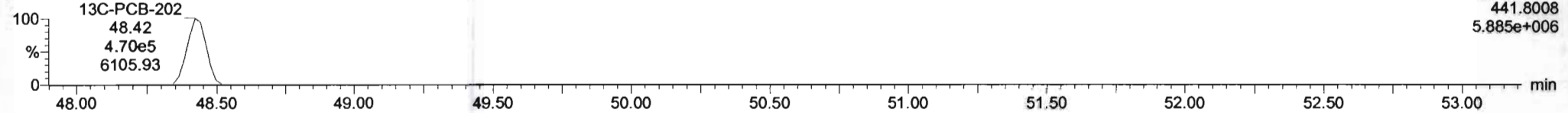


13C-PCB-202

201125K1_10

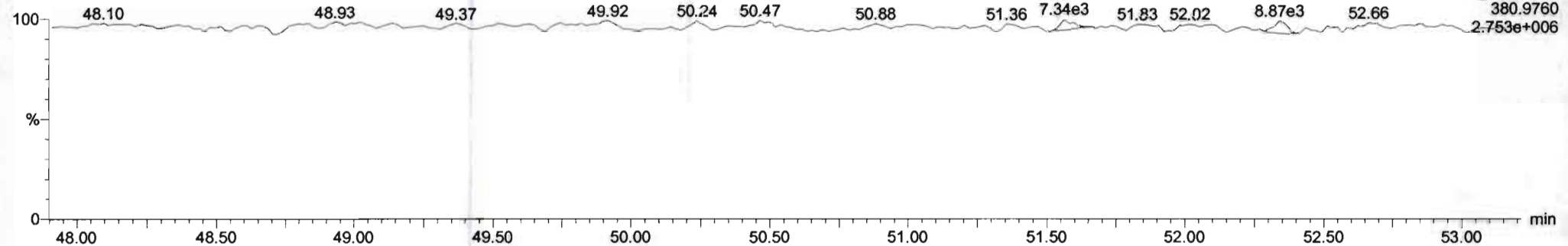


201125K1_10



PFK4d

201125K1_10

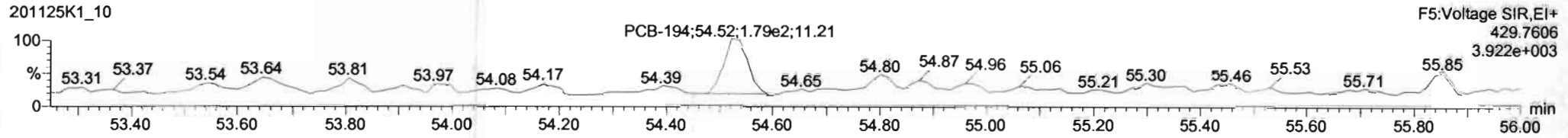
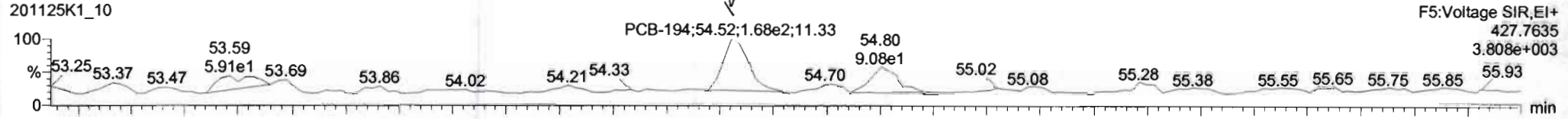


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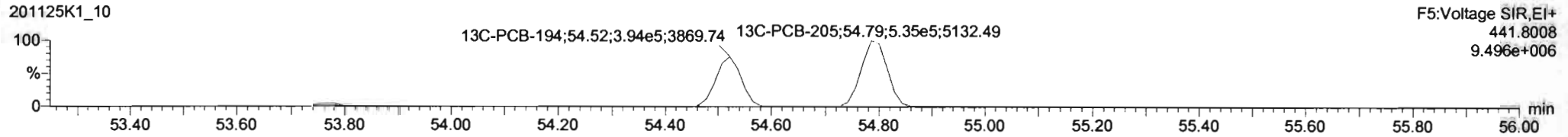
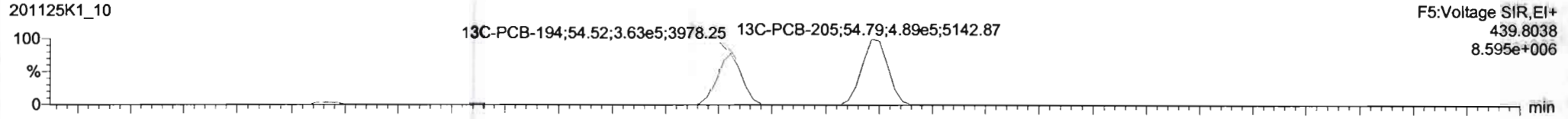
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Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

Name: 201125K1_10, Date: 25-Nov-2020, Time: 19:00:53, ID: QC201125K1-CRV BLANK, Description: QC

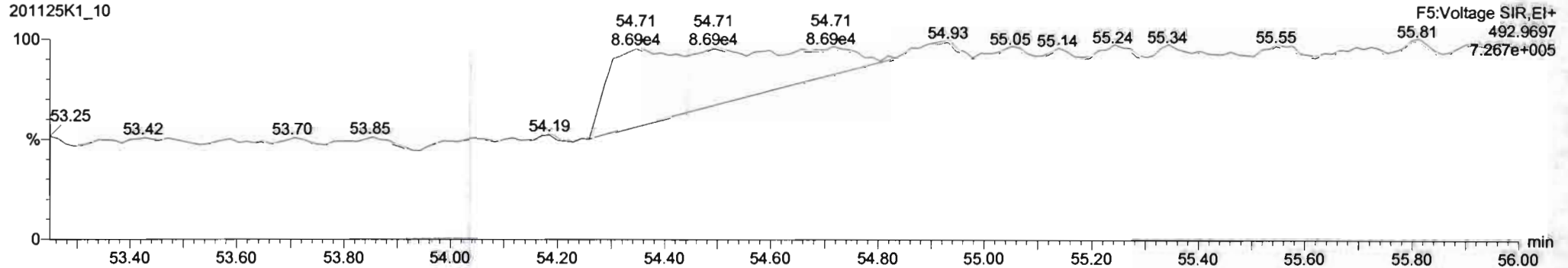
PCB-195



13C-PCB-194



PFK5a



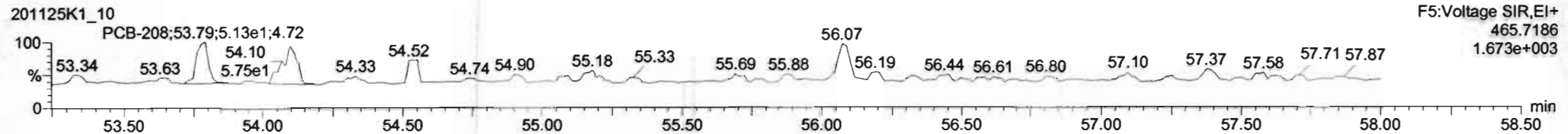
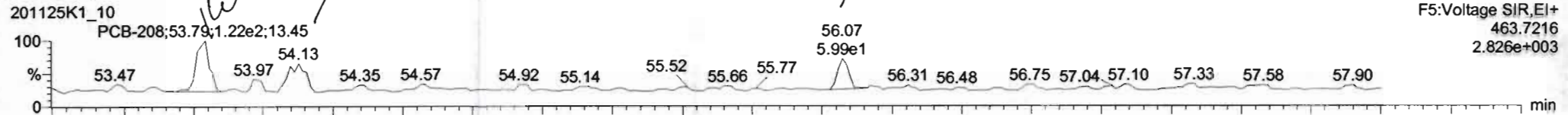
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Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time

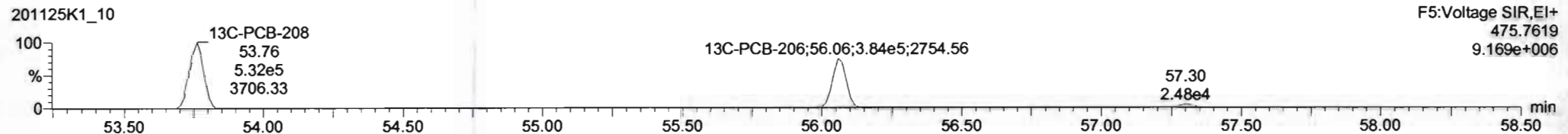
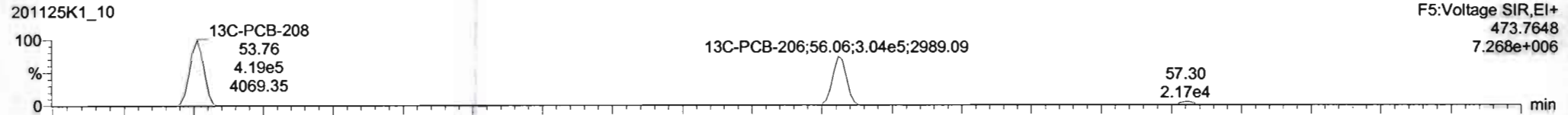
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

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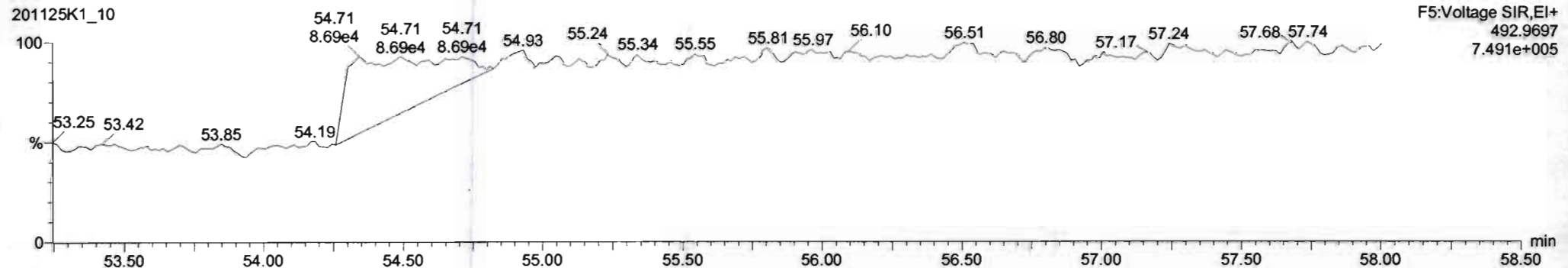
PCB-208



13C-PCB-208



PFK5



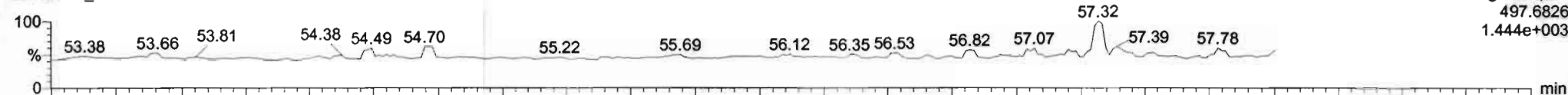
Dataset: Untitled

Last Altered: Thursday, November 26, 2020 07:53:09 Pacific Standard Time
Printed: Thursday, November 26, 2020 07:54:19 Pacific Standard Time

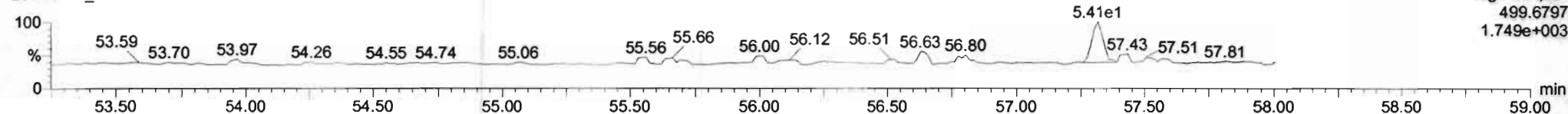
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PCB-209

201125K1_10

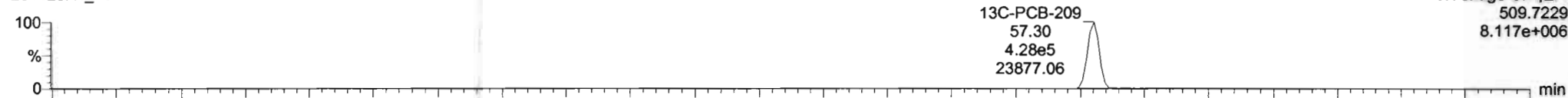


201125K1_10

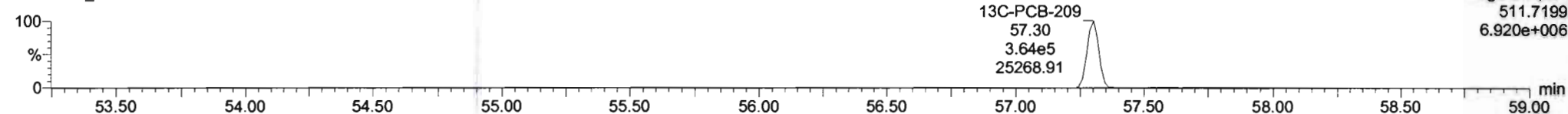


13C-PCB-209

201125K1_10

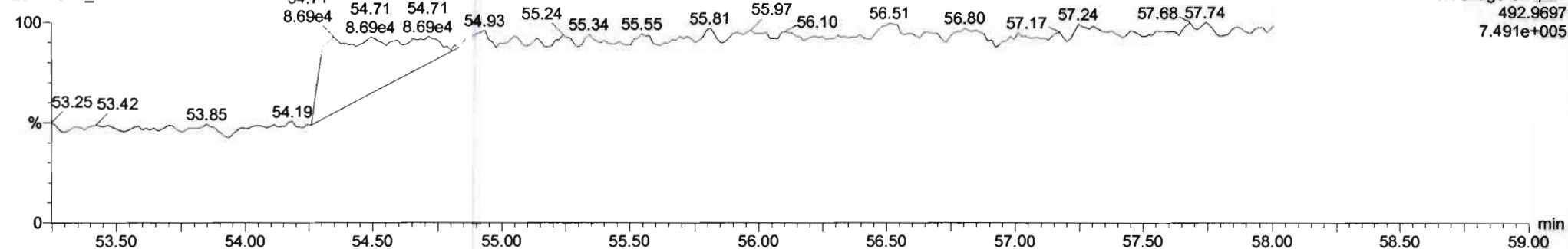


201125K1_10



PFK5b

201125K1_10



#	Name	Resp	RA	n/y	RWF	ndVol	Prod RT	RT	Prod R	RRT	RRT Fail	Conc	%Rec	DL	BMP
229	229 3rd Function Penta-PCBs				1.1133	1.000	0.00	0.000			NO			53.0	
230	230 4th Function Penta-PCBs				1.0512	1.000	0.00	0.000			NO			6.80	
231	231 3rd Function Hexa-PCBs				0.7916	1.000	0.00	0.000			NO			25.1	
232	232 4th Function Hexa-PCBs				0.9455	1.000	0.00	0.000			NO			31.8	
233	233 Total Hepta-PCBs				1.2043	1.000	0.00	0.000			NO			33.8	
234	234 4th Function Octa-PCBs				0.8605	1.000	0.00	0.000			NO			7.91	
235	235 5th Function Octa-PCBs				1.0957	1.000	0.00	0.000			NO	4.320		2.23	4.320
236	236 Total Nona-PCBs				0.8871	1.000	0.00	0.000			NO	3.389		1.75	4.668
237	237 Dewa-Cl				0.8827	1.000	0.00	0.000			NO	0.0000		0.4161	1.007

#	Name	Prod RT	RT	nt Resp	nt Resp	1 st Resp (Prod)	RA	n/y	BMP	Conc
1	100 PCB-200	57.30	57.32	3.899e1	5.408e1	1.170	0.72	YES	1.0000	0.00000

