

June 05, 2020

Vista Work Order No. 2000856

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 10, 2020 under your Project Name 'Gasco PDI 000029-02.64'.

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

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

Sincerely,

Martha Maier
Laboratory Director



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

Vista Work Order No. 2000856

Case Narrative

Sample Condition on Receipt:

Ten sediment samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The collection date and time for samples "PDI-076SC-A-07-08-191013" and "PDI-077SC-A-03-04-191014" were listed as "10/13/2019 13:08" and "10/14/2019 08:36", respectively, on the container labels. The samples have been reported as listed on the Chain of Custody.

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-5MS GC column.

Holding Times

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

Quality Control

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

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected above 1/2 the quantitation limits in the Method Blank. The OPR recoveries were within the method acceptance criteria.

As requested, a duplicate was performed on sample "PDI-077SC-A-03-04-191014". The RPDs were outside of the acceptance criteria for 2,3,4,7,8-PeCDF and OCDF.

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

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	20
Certifications.....	21
Sample Receipt.....	24
Extraction Information.....	28
Sample Data - EPA Method 1613.....	34
Confirmation.....	382
Continuing Calibration.....	410
Initial Calibration.....	460

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2000856-01	PDI-076SC-A-07-08-191013	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-02	PDI-077SC-A-03-04-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-03	PDI-077SC-A-04-05-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-04	PDI-077SC-A-05-06-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-05	PDI-077SC-A-06-07-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-06	PDI-077SC-A-07-08-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-07	PDI-077SC-A-08-09-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-08	PDI-077SC-A-09-10-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-09	PDI-077SC-A-10-11-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL
2000856-10	PDI-077SC-A-11-12-191014	02-Oct-19 11:23	10-Apr-20 09:50	Amber Glass, 120 mL

ANALYTICAL RESULTS

Sample ID: Method Blank					EPA Method 1613B			
Matrix: Solid Sample Size: 10.0 g		QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38		Lab Sample: B0D0160-BLK1 Date Analyzed: 02-Jun-20 17:39 Column: ZB-5MS				
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.0549			IS 13C-2,3,7,8-TCDD	98.4	25 - 164	
1,2,3,7,8-PeCDD	ND	0.0640			13C-1,2,3,7,8-PeCDD	93.1	25 - 181	
1,2,3,4,7,8-HxCDD	ND	0.0666			13C-1,2,3,4,7,8-HxCDD	102	32 - 141	
1,2,3,6,7,8-HxCDD	ND	0.0665			13C-1,2,3,6,7,8-HxCDD	97.2	28 - 130	
1,2,3,7,8,9-HxCDD	ND	0.0771			13C-1,2,3,7,8,9-HxCDD	99.8	32 - 141	
1,2,3,4,6,7,8-HpCDD	ND	0.125			13C-1,2,3,4,6,7,8-HpCDD	89.2	23 - 140	
OCDD	0.850			J	13C-OCDD	78.9	17 - 157	
2,3,7,8-TCDF	ND	0.0325			13C-2,3,7,8-TCDF	91.8	24 - 169	
1,2,3,7,8-PeCDF	ND	0.0428			13C-1,2,3,7,8-PeCDF	103	24 - 185	
2,3,4,7,8-PeCDF	ND	0.0421			13C-2,3,4,7,8-PeCDF	101	21 - 178	
1,2,3,4,7,8-HxCDF	ND	0.0507			13C-1,2,3,4,7,8-HxCDF	94.8	26 - 152	
1,2,3,6,7,8-HxCDF	ND	0.0466			13C-1,2,3,6,7,8-HxCDF	96.3	26 - 123	
2,3,4,6,7,8-HxCDF	ND	0.0526			13C-2,3,4,6,7,8-HxCDF	96.3	28 - 136	
1,2,3,7,8,9-HxCDF	ND	0.0802			13C-1,2,3,7,8,9-HxCDF	92.1	29 - 147	
1,2,3,4,6,7,8-HpCDF	ND	0.0793			13C-1,2,3,4,6,7,8-HpCDF	88.5	28 - 143	
1,2,3,4,7,8,9-HpCDF	ND	0.0902			13C-1,2,3,4,7,8,9-HpCDF	87.2	26 - 138	
OCDF	0.300			J	13C-OCDF	78.3	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	98.4	35 - 197	
					Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)			
					TEQMinWHO2005Dioxin 0.000345			
TOTALS								
Total TCDD	ND	0.0549						
Total PeCDD	ND	0.0640						
Total HxCDD	ND	0.0771						
Total HpCDD	ND	0.125						
Total TCDF	ND	0.0325						
Total PeCDF	ND	0.0428						
Total HxCDF	ND	0.0802						
Total HpCDF	ND	0.0902						

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: B0D0160	Lab Sample: B0D0160-BS1					
Sample Size: 10.0 g	Date Extracted: 14-Apr-2020 7:38	Date Analyzed: 02-Jun-20 16:06	Column: ZB-5MS				
Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	16.7	20.0	83.3	67 - 158	IS 13C-2,3,7,8-TCDD	89.4	20 - 175
1,2,3,7,8-PeCDD	87.9	100	87.9	70 - 142	13C-1,2,3,7,8-PeCDD	89.6	21 - 227
1,2,3,4,7,8-HxCDD	94.1	100	94.1	70 - 164	13C-1,2,3,4,7,8-HxCDD	91.8	21 - 193
1,2,3,6,7,8-HxCDD	88.4	100	88.4	76 - 134	13C-1,2,3,6,7,8-HxCDD	91.2	25 - 163
1,2,3,7,8,9-HxCDD	89.8	100	89.8	64 - 162	13C-1,2,3,7,8,9-HxCDD	90.0	21 - 193
1,2,3,4,6,7,8-HpCDD	90.2	100	90.2	70 - 140	13C-1,2,3,4,6,7,8-HpCDD	81.0	26 - 166
OCDD	190	200	94.9	78 - 144	13C-OCDD	64.7	13 - 199
2,3,7,8-TCDF	18.1	20.0	90.4	75 - 158	13C-2,3,7,8-TCDF	84.6	22 - 152
1,2,3,7,8-PeCDF	89.8	100	89.8	80 - 134	13C-1,2,3,7,8-PeCDF	92.5	21 - 192
2,3,4,7,8-PeCDF	89.9	100	89.9	68 - 160	13C-2,3,4,7,8-PeCDF	94.4	13 - 328
1,2,3,4,7,8-HxCDF	96.3	100	96.3	72 - 134	13C-1,2,3,4,7,8-HxCDF	86.1	19 - 202
1,2,3,6,7,8-HxCDF	95.1	100	95.1	84 - 130	13C-1,2,3,6,7,8-HxCDF	85.6	21 - 159
2,3,4,6,7,8-HxCDF	94.9	100	94.9	70 - 156	13C-2,3,4,6,7,8-HxCDF	85.5	22 - 176
1,2,3,7,8,9-HxCDF	96.5	100	96.5	78 - 130	13C-1,2,3,7,8,9-HxCDF	84.7	17 - 205
1,2,3,4,6,7,8-HpCDF	94.5	100	94.5	82 - 122	13C-1,2,3,4,6,7,8-HpCDF	79.9	21 - 158
1,2,3,4,7,8,9-HpCDF	95.2	100	95.2	78 - 138	13C-1,2,3,4,7,8,9-HpCDF	82.0	20 - 186
OCDF	190	200	95.2	63 - 170	13C-OCDF	68.2	13 - 199
					CRS 37Cl-2,3,7,8-TCDD	86.9	31 - 191

LCL-UCL - Lower control limit - upper control limit

Sample ID: PDI-076SC-A-07-08-191013 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-01 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 17.9 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 55.9	Date Analyzed : 02-May-20 00:38 Column: DB-225 03-Jun-20 02:07 Column: ZB-5MS

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	0.842				IS 13C-2,3,7,8-TCDD	94.1	25 - 164	
1,2,3,7,8-PeCDD	1.33			J	13C-1,2,3,7,8-PeCDD	88.3	25 - 181	
1,2,3,4,7,8-HxCDD	1.33			J	13C-1,2,3,4,7,8-HxCDD	92.9	32 - 141	
1,2,3,6,7,8-HxCDD	7.88				13C-1,2,3,6,7,8-HxCDD	89.2	28 - 130	
1,2,3,7,8,9-HxCDD	3.34				13C-1,2,3,7,8,9-HxCDD	88.4	32 - 141	
1,2,3,4,6,7,8-HpCDD	289				13C-1,2,3,4,6,7,8-HpCDD	78.8	23 - 140	
OCDD	3860			B	13C-OCDD	30.5	17 - 157	
2,3,7,8-TCDF	70.6				13C-2,3,7,8-TCDF	84.5	24 - 169	
1,2,3,7,8-PeCDF	112				13C-1,2,3,7,8-PeCDF	95.8	24 - 185	
2,3,4,7,8-PeCDF	50.3				13C-2,3,4,7,8-PeCDF	93.5	21 - 178	
1,2,3,4,7,8-HxCDF	191				13C-1,2,3,4,7,8-HxCDF	88.3	26 - 152	
1,2,3,6,7,8-HxCDF	50.5				13C-1,2,3,6,7,8-HxCDF	86.3	26 - 123	
2,3,4,6,7,8-HxCDF	15.2				13C-2,3,4,6,7,8-HxCDF	84.6	28 - 136	
1,2,3,7,8,9-HxCDF	20.2				13C-1,2,3,7,8,9-HxCDF	86.4	29 - 147	
1,2,3,4,6,7,8-HpCDF	214				13C-1,2,3,4,6,7,8-HpCDF	79.2	28 - 143	
1,2,3,4,7,8,9-HpCDF	32.0				13C-1,2,3,4,7,8,9-HpCDF	75.8	26 - 138	
OCDF	310			B	13C-OCDF	47.0	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	90.6	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
TEQMinWHO2005Dioxin 63.2

TOTALS				
Total TCDD	13.5		13.7	
Total PeCDD	14.3		19.1	
Total HxCDD	95.5			
Total HpCDD	789			
Total TCDF	307			P
Total PeCDF	429		440	
Total HxCDF	441			
Total HpCDF	552			

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: PDI-077SC-A-03-04-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-02 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 17.7 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 56.5	Date Analyzed : 02-May-20 01:10 Column: DB-225 03-Jun-20 00:35 Column: ZB-5MS

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND		1.00		IS 13C-2,3,7,8-TCDD	71.9	25 - 164	
1,2,3,7,8-PeCDD	2.57				13C-1,2,3,7,8-PeCDD	77.7	25 - 181	
1,2,3,4,7,8-HxCDD	2.42			J	13C-1,2,3,4,7,8-HxCDD	82.2	32 - 141	
1,2,3,6,7,8-HxCDD	15.6				13C-1,2,3,6,7,8-HxCDD	82.2	28 - 130	
1,2,3,7,8,9-HxCDD	7.02				13C-1,2,3,7,8,9-HxCDD	85.5	32 - 141	
1,2,3,4,6,7,8-HpCDD	331				13C-1,2,3,4,6,7,8-HpCDD	82.6	23 - 140	
OCDD	3330			B	13C-OCDD	87.5	17 - 157	
2,3,7,8-TCDF	49.0				13C-2,3,7,8-TCDF	61.9	24 - 169	
1,2,3,7,8-PeCDF	86.9				13C-1,2,3,7,8-PeCDF	79.3	24 - 185	
2,3,4,7,8-PeCDF	33.5				13C-2,3,4,7,8-PeCDF	78.6	21 - 178	
1,2,3,4,7,8-HxCDF	177				13C-1,2,3,4,7,8-HxCDF	81.9	26 - 152	
1,2,3,6,7,8-HxCDF	42.5				13C-1,2,3,6,7,8-HxCDF	78.3	26 - 123	
2,3,4,6,7,8-HxCDF	9.43				13C-2,3,4,6,7,8-HxCDF	80.8	28 - 136	
1,2,3,7,8,9-HxCDF	10.5				13C-1,2,3,7,8,9-HxCDF	82.1	29 - 147	
1,2,3,4,6,7,8-HpCDF	114				13C-1,2,3,4,6,7,8-HpCDF	80.2	28 - 143	
1,2,3,4,7,8,9-HpCDF	27.0				13C-1,2,3,4,7,8,9-HpCDF	75.5	26 - 138	
OCDF	290			B	13C-OCDF	77.7	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	72.3	35 - 197	

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

TEQMinWHO2005Dioxin 52.4

TOTALS		
Total TCDD	9.78	10.8
Total PeCDD	17.8	20.2
Total HxCDD	132	
Total HpCDD	703	
Total TCDF	169	172
Total PeCDF	236	238
Total HxCDF	329	
Total HpCDF	290	

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: Duplicate					EPA Method 1613B			
Source Client ID: PDI-077SC-A-03-04-191014		QC Batch: B0D0160		Lab Sample: B0D0160-DUP1				
Source LabNumber: 2000856-02		Date Extracted: 14-Apr-2020 7:38		Date Analyzed: 02-May-20 01:42 Column: ZB-5MS				
Matrix: Solid				03-Jun-20 01:21 Column: ZB-5MS				
Sample Size: 17.7 g								
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	1.28				IS 13C-2,3,7,8-TCDD	92.3	25 - 164	
1,2,3,7,8-PeCDD	2.64				13C-1,2,3,7,8-PeCDD	90.2	25 - 181	
1,2,3,4,7,8-HxCDD	2.49				13C-1,2,3,4,7,8-HxCDD	94.1	32 - 141	
1,2,3,6,7,8-HxCDD	15.9				13C-1,2,3,6,7,8-HxCDD	91.8	28 - 130	
1,2,3,7,8,9-HxCDD	7.71				13C-1,2,3,7,8,9-HxCDD	86.9	32 - 141	
1,2,3,4,6,7,8-HpCDD	314				13C-1,2,3,4,6,7,8-HpCDD	87.6	23 - 140	
OCDD	2860			B	13C-OCDD	84.4	17 - 157	
2,3,7,8-TCDF	42.9				13C-2,3,7,8-TCDF	88.3	24 - 169	
1,2,3,7,8-PeCDF	71.2				13C-1,2,3,7,8-PeCDF	93.5	24 - 185	
2,3,4,7,8-PeCDF	25.4				13C-2,3,4,7,8-PeCDF	97.1	21 - 178	
1,2,3,4,7,8-HxCDF	158				13C-1,2,3,4,7,8-HxCDF	90.4	26 - 152	
1,2,3,6,7,8-HxCDF	36.6				13C-1,2,3,6,7,8-HxCDF	86.1	26 - 123	
2,3,4,6,7,8-HxCDF	9.35				13C-2,3,4,6,7,8-HxCDF	86.1	28 - 136	
1,2,3,7,8,9-HxCDF	ND		4.52		13C-1,2,3,7,8,9-HxCDF	85.2	29 - 147	
1,2,3,4,6,7,8-HpCDF	95.3				13C-1,2,3,4,6,7,8-HpCDF	83.6	28 - 143	
1,2,3,4,7,8,9-HpCDF	22.6				13C-1,2,3,4,7,8,9-HpCDF	79.8	26 - 138	
OCDF	213			B	13C-OCDF	75.3	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	94.3	35 - 197	
					Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)			
					TEQMinWHO2005Dioxin	46.2		
TOTALS								
Total TCDD	9.45		9.73					
Total PeCDD	16.6		19.2					
Total HxCDD	129							
Total HpCDD	673							
Total TCDF	154		161					
Total PeCDF	210							
Total HxCDF	291		300					
Total HpCDF	258							

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.

weight.

The sample size is reported in wet

Sample ID: Duplicate					EPA Method 1613B				
Source Client ID: PDI-077SC-A-03-04-191014					Duplicate Lab Sample: B0D0160-DUP1				
Source LabNumber: 2000856-02									
Matrix: Solid									
Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limits	Labeled Standard	Dup %R	Source %R	LCL-UCL	
2,3,7,8-TCDD	1.28	ND	#	25	IS 13C-2,3,7,8-TCDD	92.3	71.9	25 - 164	
1,2,3,7,8-PeCDD	2.64	2.57	2.65	25	13C-1,2,3,7,8-PeCDD	90.2	77.7	25 - 181	
1,2,3,4,7,8-HxCDD	2.49	2.42	2.99	25	13C-1,2,3,4,7,8-HxCDD	94.1	82.2	32 - 141	
1,2,3,6,7,8-HxCDD	15.9	15.6	1.86	25	13C-1,2,3,6,7,8-HxCDD	91.8	82.2	28 - 130	
1,2,3,7,8,9-HxCDD	7.71	7.02	9.35	25	13C-1,2,3,7,8,9-HxCDD	86.9	85.5	32 - 141	
1,2,3,4,6,7,8-HpCDD	314	331	5.14	25	13C-1,2,3,4,6,7,8-HpCDD	87.6	82.6	23 - 140	
OCDD	2860	3330	15.2	25	13C-OCDD	84.4	87.5	17 - 157	
2,3,7,8-TCDF	42.9	49.0	13.3	25	13C-2,3,7,8-TCDF	88.3	61.9	24 - 169	
1,2,3,7,8-PeCDF	71.2	86.9	19.8	25	13C-1,2,3,7,8-PeCDF	93.5	79.3	24 - 185	
2,3,4,7,8-PeCDF	25.4	33.5	27.4	25	13C-2,3,4,7,8-PeCDF	97.1	78.6	21 - 178	
1,2,3,4,7,8-HxCDF	158	177	11.5	25	13C-1,2,3,4,7,8-HxCDF	90.4	81.9	26 - 152	
1,2,3,6,7,8-HxCDF	36.6	42.5	14.9	25	13C-1,2,3,6,7,8-HxCDF	86.1	78.3	26 - 123	
2,3,4,6,7,8-HxCDF	9.35	9.43	0.894	25	13C-2,3,4,6,7,8-HxCDF	86.1	80.8	28 - 136	
1,2,3,7,8,9-HxCDF	ND	10.5	#	25	13C-1,2,3,7,8,9-HxCDF	85.2	82.1	29 - 147	
1,2,3,4,6,7,8-HpCDF	95.3	114	18.0	25	13C-1,2,3,4,6,7,8-HpCDF	83.6	80.2	28 - 143	
1,2,3,4,7,8,9-HpCDF	22.6	27.0	17.8	25	13C-1,2,3,4,7,8,9-HpCDF	79.8	75.5	26 - 138	
OCDF	213	290	30.7	25	13C-OCDF	75.3	77.7	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	94.3	72.3	35 - 197	

LCL-UCL - Lower control limit - upper control limit
The results are reported in dry weight.
The sample size is reported in wet weight. Results reported to the MDL

Sample ID: PDI-077SC-A-04-05-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-03 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 19.1 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 52.4	Date Analyzed : 02-Jun-20 23:49 Column: ZB-5MS 02-May-20 02:14 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	1.23				IS 13C-2,3,7,8-TCDD	79.4	25 - 164	
1,2,3,7,8-PeCDD	2.92				13C-1,2,3,7,8-PeCDD	90.9	25 - 181	
1,2,3,4,7,8-HxCDD	1.35			J	13C-1,2,3,4,7,8-HxCDD	98.7	32 - 141	
1,2,3,6,7,8-HxCDD	8.00				13C-1,2,3,6,7,8-HxCDD	94.3	28 - 130	
1,2,3,7,8,9-HxCDD	3.44				13C-1,2,3,7,8,9-HxCDD	99.8	32 - 141	
1,2,3,4,6,7,8-HpCDD	125				13C-1,2,3,4,6,7,8-HpCDD	100	23 - 140	
OCDD	1320			B	13C-OCDD	97.4	17 - 157	
2,3,7,8-TCDF	87.3				13C-2,3,7,8-TCDF	67.7	24 - 169	
1,2,3,7,8-PeCDF	95.5				13C-1,2,3,7,8-PeCDF	90.1	24 - 185	
2,3,4,7,8-PeCDF	47.1				13C-2,3,4,7,8-PeCDF	90.9	21 - 178	
1,2,3,4,7,8-HxCDF	127				13C-1,2,3,4,7,8-HxCDF	90.8	26 - 152	
1,2,3,6,7,8-HxCDF	30.9				13C-1,2,3,6,7,8-HxCDF	88.8	26 - 123	
2,3,4,6,7,8-HxCDF	8.91				13C-2,3,4,6,7,8-HxCDF	91.8	28 - 136	
1,2,3,7,8,9-HxCDF	15.1				13C-1,2,3,7,8,9-HxCDF	90.7	29 - 147	
1,2,3,4,6,7,8-HpCDF	55.0				13C-1,2,3,4,6,7,8-HpCDF	93.2	28 - 143	
1,2,3,4,7,8,9-HpCDF	20.2				13C-1,2,3,4,7,8,9-HpCDF	87.9	26 - 138	
OCDF	118			B	13C-OCDF	87.0	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	74.7	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
TEQMinWHO2005Dioxin 51.8

TOTALS			
Total TCDD	11.7		
Total PeCDD	17.6	19.8	
Total HxCDD	76.9		
Total HpCDD	291		
Total TCDF	293	303	
Total PeCDF	289	297	
Total HxCDF	257		
Total HpCDF	167		

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: PDI-077SC-A-05-06-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-04 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 17.7 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 56.8	Date Analyzed : 02-Jun-20 23:03 Column: ZB-5MS 04-May-20 13:09 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND		0.364		IS 13C-2,3,7,8-TCDD	88.0	25 - 164	
1,2,3,7,8-PeCDD	0.284			J	13C-1,2,3,7,8-PeCDD	92.1	25 - 181	
1,2,3,4,7,8-HxCDD	ND	0.216			13C-1,2,3,4,7,8-HxCDD	92.8	32 - 141	
1,2,3,6,7,8-HxCDD	1.55			J	13C-1,2,3,6,7,8-HxCDD	92.1	28 - 130	
1,2,3,7,8,9-HxCDD	0.635			J	13C-1,2,3,7,8,9-HxCDD	90.2	32 - 141	
1,2,3,4,6,7,8-HpCDD	96.5				13C-1,2,3,4,6,7,8-HpCDD	87.0	23 - 140	
OCDD	1080			B	13C-OCDD	84.5	17 - 157	
2,3,7,8-TCDF	17.7				13C-2,3,7,8-TCDF	81.3	24 - 169	
1,2,3,7,8-PeCDF	31.9				13C-1,2,3,7,8-PeCDF	95.6	24 - 185	
2,3,4,7,8-PeCDF	11.7				13C-2,3,4,7,8-PeCDF	97.9	21 - 178	
1,2,3,4,7,8-HxCDF	60.0				13C-1,2,3,4,7,8-HxCDF	88.2	26 - 152	
1,2,3,6,7,8-HxCDF	15.7				13C-1,2,3,6,7,8-HxCDF	86.3	26 - 123	
2,3,4,6,7,8-HxCDF	4.18				13C-2,3,4,6,7,8-HxCDF	89.8	28 - 136	
1,2,3,7,8,9-HxCDF	4.58				13C-1,2,3,7,8,9-HxCDF	89.8	29 - 147	
1,2,3,4,6,7,8-HpCDF	54.2				13C-1,2,3,4,6,7,8-HpCDF	87.7	28 - 143	
1,2,3,4,7,8,9-HpCDF	8.10				13C-1,2,3,4,7,8,9-HpCDF	82.9	26 - 138	
OCDF	965			B	13C-OCDF	79.7	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	84.5	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
TEQMinWHO2005Dioxin 17.4

TOTALS			
Total TCDD	0.825		1.19
Total PeCDD	1.59		1.97
Total HxCDD	19.1		
Total HpCDD	216		
Total TCDF	64.7		67.1
Total PeCDF	70.3		89.2
Total HxCDF	107		
Total HpCDF	283		

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: PDI-077SC-A-06-07-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-05 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 16.2 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 61.9	Date Analyzed : 02-Jun-20 22:16 Column: ZB-5MS 04-May-20 13:40 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	1.31				IS 13C-2,3,7,8-TCDD	96.0	25 - 164	
1,2,3,7,8-PeCDD	1.11			J	13C-1,2,3,7,8-PeCDD	97.5	25 - 181	
1,2,3,4,7,8-HxCDD	0.759			J	13C-1,2,3,4,7,8-HxCDD	96.9	32 - 141	
1,2,3,6,7,8-HxCDD	4.32				13C-1,2,3,6,7,8-HxCDD	91.5	28 - 130	
1,2,3,7,8,9-HxCDD	1.90			J	13C-1,2,3,7,8,9-HxCDD	92.4	32 - 141	
1,2,3,4,6,7,8-HpCDD	142				13C-1,2,3,4,6,7,8-HpCDD	88.7	23 - 140	
OCDD	1860			B	13C-OCDD	80.0	17 - 157	
2,3,7,8-TCDF	94.6				13C-2,3,7,8-TCDF	86.4	24 - 169	
1,2,3,7,8-PeCDF	112				13C-1,2,3,7,8-PeCDF	101	24 - 185	
2,3,4,7,8-PeCDF	45.7				13C-2,3,4,7,8-PeCDF	101	21 - 178	
1,2,3,4,7,8-HxCDF	134				13C-1,2,3,4,7,8-HxCDF	91.7	26 - 152	
1,2,3,6,7,8-HxCDF	31.4				13C-1,2,3,6,7,8-HxCDF	88.1	26 - 123	
2,3,4,6,7,8-HxCDF	10.8				13C-2,3,4,6,7,8-HxCDF	88.9	28 - 136	
1,2,3,7,8,9-HxCDF	15.8				13C-1,2,3,7,8,9-HxCDF	95.7	29 - 147	
1,2,3,4,6,7,8-HpCDF	65.0				13C-1,2,3,4,6,7,8-HpCDF	94.9	28 - 143	
1,2,3,4,7,8,9-HpCDF	18.6				13C-1,2,3,4,7,8,9-HpCDF	83.3	26 - 138	
OCDF	125			B	13C-OCDF	77.7	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	90.8	35 - 197	

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

TEQMinWHO2005Dioxin 51.7

TOTALS		
Total TCDD	11.5	11.7
Total PeCDD	12.1	12.9
Total HxCDD	54.8	
Total HpCDD	376	
Total TCDF	384	
Total PeCDF	372	382
Total HxCDF	290	
Total HpCDF	208	

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: PDI-077SC-A-07-08-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-06 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 18.0 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 55.8	Date Analyzed : 02-Jun-20 21:30 Column: ZB-5MS 04-May-20 14:12 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	1.15				IS 13C-2,3,7,8-TCDD	84.5	25 - 164	
1,2,3,7,8-PeCDD	1.31			J	13C-1,2,3,7,8-PeCDD	89.4	25 - 181	
1,2,3,4,7,8-HxCDD	1.65			J	13C-1,2,3,4,7,8-HxCDD	92.5	32 - 141	
1,2,3,6,7,8-HxCDD	8.98				13C-1,2,3,6,7,8-HxCDD	93.7	28 - 130	
1,2,3,7,8,9-HxCDD	3.61				13C-1,2,3,7,8,9-HxCDD	90.6	32 - 141	
1,2,3,4,6,7,8-HpCDD	391				13C-1,2,3,4,6,7,8-HpCDD	89.7	23 - 140	
OCDD	3690			B	13C-OCDD	56.1	17 - 157	
2,3,7,8-TCDF	353				13C-2,3,7,8-TCDF	69.4	24 - 169	
1,2,3,7,8-PeCDF	467				13C-1,2,3,7,8-PeCDF	96.2	24 - 185	
2,3,4,7,8-PeCDF	182				13C-2,3,4,7,8-PeCDF	94.3	21 - 178	
1,2,3,4,7,8-HxCDF	464				13C-1,2,3,4,7,8-HxCDF	90.3	26 - 152	
1,2,3,6,7,8-HxCDF	110				13C-1,2,3,6,7,8-HxCDF	88.6	26 - 123	
2,3,4,6,7,8-HxCDF	32.9				13C-2,3,4,6,7,8-HxCDF	85.5	28 - 136	
1,2,3,7,8,9-HxCDF	78.8				13C-1,2,3,7,8,9-HxCDF	85.6	29 - 147	
1,2,3,4,6,7,8-HpCDF	119				13C-1,2,3,4,6,7,8-HpCDF	79.9	28 - 143	
1,2,3,4,7,8,9-HpCDF	62.3				13C-1,2,3,4,7,8,9-HpCDF	86.3	26 - 138	
OCDF	328			B	13C-OCDF	70.1	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	86.9	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
TEQMinWHO2005Dioxin 183

TOTALS		
Total TCDD	22.5	22.7
Total PeCDD	21.0	24.7
Total HxCDD	140	
Total HpCDD	1050	
Total TCDF	1200	
Total PeCDF	1390	
Total HxCDF	895	898
Total HpCDF	479	

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: PDI-077SC-A-08-09-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-07 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 16.4 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 61.0	Date Analyzed : 02-Jun-20 20:44 Column: ZB-5MS 04-May-20 14:44 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.0918			IS 13C-2,3,7,8-TCDD	97.8	25 - 164	
1,2,3,7,8-PeCDD	ND	0.172			13C-1,2,3,7,8-PeCDD	96.1	25 - 181	
1,2,3,4,7,8-HxCDD	0.302			J	13C-1,2,3,4,7,8-HxCDD	101	32 - 141	
1,2,3,6,7,8-HxCDD	2.16			J	13C-1,2,3,6,7,8-HxCDD	94.5	28 - 130	
1,2,3,7,8,9-HxCDD	0.753			J	13C-1,2,3,7,8,9-HxCDD	96.8	32 - 141	
1,2,3,4,6,7,8-HpCDD	165				13C-1,2,3,4,6,7,8-HpCDD	93.6	23 - 140	
OCDD	1250			B	13C-OCDD	86.9	17 - 157	
2,3,7,8-TCDF	12.3				13C-2,3,7,8-TCDF	89.3	24 - 169	
1,2,3,7,8-PeCDF	14.8				13C-1,2,3,7,8-PeCDF	100	24 - 185	
2,3,4,7,8-PeCDF	7.56				13C-2,3,4,7,8-PeCDF	99.5	21 - 178	
1,2,3,4,7,8-HxCDF	17.4				13C-1,2,3,4,7,8-HxCDF	93.3	26 - 152	
1,2,3,6,7,8-HxCDF	4.41				13C-1,2,3,6,7,8-HxCDF	92.8	26 - 123	
2,3,4,6,7,8-HxCDF	1.65			J	13C-2,3,4,6,7,8-HxCDF	93.3	28 - 136	
1,2,3,7,8,9-HxCDF	1.70			J	13C-1,2,3,7,8,9-HxCDF	90.5	29 - 147	
1,2,3,4,6,7,8-HpCDF	13.3				13C-1,2,3,4,6,7,8-HpCDF	86.5	28 - 143	
1,2,3,4,7,8,9-HpCDF	3.05				13C-1,2,3,4,7,8,9-HpCDF	87.6	26 - 138	
OCDF	47.3			B	13C-OCDF	82.6	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	98.6	35 - 197	

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

TEQMinWHO2005Dioxin 8.98

TOTALS			
Total TCDD	1.70		
Total PeCDD	1.41		
Total HxCDD	32.3		
Total HpCDD	383		
Total TCDF	37.0	42.0	
Total PeCDF	42.2	51.5	
Total HxCDF	38.9		
Total HpCDF	48.0		

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: PDI-077SC-A-09-10-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-08 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 12.7 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 79.1	Date Analyzed : 02-Jun-20 19:58 Column: ZB-5MS 04-May-20 15:15 Column: DB-225

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND		0.341		IS 13C-2,3,7,8-TCDD	93.1	25 - 164	
1,2,3,7,8-PeCDD	0.504			J	13C-1,2,3,7,8-PeCDD	89.1	25 - 181	
1,2,3,4,7,8-HxCDD	0.343			J	13C-1,2,3,4,7,8-HxCDD	98.0	32 - 141	
1,2,3,6,7,8-HxCDD	1.59			J	13C-1,2,3,6,7,8-HxCDD	93.9	28 - 130	
1,2,3,7,8,9-HxCDD	0.953			J	13C-1,2,3,7,8,9-HxCDD	94.1	32 - 141	
1,2,3,4,6,7,8-HpCDD	89.1				13C-1,2,3,4,6,7,8-HpCDD	90.1	23 - 140	
OCDD	1130			B	13C-OCDD	87.5	17 - 157	
2,3,7,8-TCDF	15.9				13C-2,3,7,8-TCDF	88.8	24 - 169	
1,2,3,7,8-PeCDF	10.3				13C-1,2,3,7,8-PeCDF	92.0	24 - 185	
2,3,4,7,8-PeCDF	5.64				13C-2,3,4,7,8-PeCDF	94.8	21 - 178	
1,2,3,4,7,8-HxCDF	16.8				13C-1,2,3,4,7,8-HxCDF	90.7	26 - 152	
1,2,3,6,7,8-HxCDF	4.51				13C-1,2,3,6,7,8-HxCDF	89.3	26 - 123	
2,3,4,6,7,8-HxCDF	1.76			J	13C-2,3,4,6,7,8-HxCDF	93.1	28 - 136	
1,2,3,7,8,9-HxCDF	1.07			J	13C-1,2,3,7,8,9-HxCDF	89.1	29 - 147	
1,2,3,4,6,7,8-HpCDF	19.0				13C-1,2,3,4,6,7,8-HpCDF	83.8	28 - 143	
1,2,3,4,7,8,9-HpCDF	3.52				13C-1,2,3,4,7,8,9-HpCDF	85.1	26 - 138	
OCDF	35.1			B	13C-OCDF	77.3	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	97.0	35 - 197	

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

TEQMinWHO2005Dioxin 8.26

TOTALS		
Total TCDD	0.240	0.581
Total PeCDD	2.68	3.16
Total HxCDD	23.3	
Total HpCDD	222	
Total TCDF	59.5	60.1
Total PeCDF	44.4	44.8
Total HxCDF	41.9	
Total HpCDF	50.2	

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: PDI-077SC-A-10-11-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-09 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 12.8 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 78.4	Date Analyzed : 02-Jun-20 19:12 Column: ZB-5MS

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.101			IS 13C-2,3,7,8-TCDD	80.1	25 - 164	
1,2,3,7,8-PeCDD	ND	0.0672			13C-1,2,3,7,8-PeCDD	86.6	25 - 181	
1,2,3,4,7,8-HxCDD	ND	0.194			13C-1,2,3,4,7,8-HxCDD	87.1	32 - 141	
1,2,3,6,7,8-HxCDD	ND	0.194			13C-1,2,3,6,7,8-HxCDD	85.2	28 - 130	
1,2,3,7,8,9-HxCDD	ND	0.234			13C-1,2,3,7,8,9-HxCDD	85.1	32 - 141	
1,2,3,4,6,7,8-HpCDD	1.91			J	13C-1,2,3,4,6,7,8-HpCDD	77.5	23 - 140	
OCDD	23.6			B	13C-OCDD	68.3	17 - 157	
2,3,7,8-TCDF	0.0955			J	13C-2,3,7,8-TCDF	69.3	24 - 169	
1,2,3,7,8-PeCDF	0.106			J	13C-1,2,3,7,8-PeCDF	84.4	24 - 185	
2,3,4,7,8-PeCDF	ND	0.0524			13C-2,3,4,7,8-PeCDF	86.4	21 - 178	
1,2,3,4,7,8-HxCDF	ND		0.189		13C-1,2,3,4,7,8-HxCDF	79.8	26 - 152	
1,2,3,6,7,8-HxCDF	ND	0.0971			13C-1,2,3,6,7,8-HxCDF	82.5	26 - 123	
2,3,4,6,7,8-HxCDF	ND	0.103			13C-2,3,4,6,7,8-HxCDF	82.5	28 - 136	
1,2,3,7,8,9-HxCDF	ND	0.152			13C-1,2,3,7,8,9-HxCDF	82.6	29 - 147	
1,2,3,4,6,7,8-HpCDF	ND	0.227			13C-1,2,3,4,6,7,8-HpCDF	71.8	28 - 143	
1,2,3,4,7,8,9-HpCDF	ND	0.246			13C-1,2,3,4,7,8,9-HpCDF	75.7	26 - 138	
OCDF	ND		0.261		13C-OCDF	65.6	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	88.0	35 - 197	

Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt)
 TEQMinWHO2005Dioxin 0.0389

TOTALS								
Total TCDD	ND	0.101						
Total PeCDD	ND	0.0672						
Total HxCDD	1.29							
Total HpCDD	5.05							
Total TCDF	0.0955							
Total PeCDF	0.106							
Total HxCDF	ND		0.189					
Total HpCDF	ND	0.246						

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: PDI-077SC-A-11-12-191014 **EPA Method 1613B**

Client Data	Sample Data	Laboratory Data
Name: Anchor QEA, LLC	Matrix: Sediment	Lab Sample: 2000856-10 Date Received: 10-Apr-2020 9:50
Project: Gasco PDI 000029-02.64	Sample Size: 13.0 g	QC Batch: B0D0160 Date Extracted: 14-Apr-2020 7:38
Date Collected: 02-Oct-2019 11:23	% Solids: 77.2	Date Analyzed : 02-Jun-20 18:25 Column: ZB-5MS

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
2,3,7,8-TCDD	ND	0.0875			IS 13C-2,3,7,8-TCDD	74.2	25 - 164	
1,2,3,7,8-PeCDD	ND	0.108			13C-1,2,3,7,8-PeCDD	69.3	25 - 181	
1,2,3,4,7,8-HxCDD	ND	0.113			13C-1,2,3,4,7,8-HxCDD	74.9	32 - 141	
1,2,3,6,7,8-HxCDD	ND	0.116			13C-1,2,3,6,7,8-HxCDD	69.2	28 - 130	
1,2,3,7,8,9-HxCDD	ND	0.134			13C-1,2,3,7,8,9-HxCDD	70.7	32 - 141	
1,2,3,4,6,7,8-HpCDD	0.655			J	13C-1,2,3,4,6,7,8-HpCDD	66.5	23 - 140	
OCDD	16.3			B	13C-OCDD	62.1	17 - 157	
2,3,7,8-TCDF	ND	0.0447			13C-2,3,7,8-TCDF	71.4	24 - 169	
1,2,3,7,8-PeCDF	ND	0.0487			13C-1,2,3,7,8-PeCDF	74.3	24 - 185	
2,3,4,7,8-PeCDF	ND	0.0447			13C-2,3,4,7,8-PeCDF	75.0	21 - 178	
1,2,3,4,7,8-HxCDF	ND	0.0848			13C-1,2,3,4,7,8-HxCDF	66.0	26 - 152	
1,2,3,6,7,8-HxCDF	ND	0.0777			13C-1,2,3,6,7,8-HxCDF	68.9	26 - 123	
2,3,4,6,7,8-HxCDF	ND	0.0816			13C-2,3,4,6,7,8-HxCDF	70.5	28 - 136	
1,2,3,7,8,9-HxCDF	ND	0.123			13C-1,2,3,7,8,9-HxCDF	67.4	29 - 147	
1,2,3,4,6,7,8-HpCDF	ND	0.136			13C-1,2,3,4,6,7,8-HpCDF	61.3	28 - 143	
1,2,3,4,7,8,9-HpCDF	ND	0.137			13C-1,2,3,4,7,8,9-HpCDF	62.8	26 - 138	
OCDF	ND	0.183			13C-OCDF	58.9	17 - 157	
					CRS 37Cl-2,3,7,8-TCDD	93.9	35 - 197	

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

TEQMinWHO2005Dioxin 0.0114

TOTALS		
Total TCDD	ND	0.0875
Total PeCDD	ND	0.108
Total HxCDD	0.520	
Total HpCDD	1.91	
Total TCDF	ND	0.0447
Total PeCDF	ND	0.0487
Total HxCDF	ND	0.123
Total HpCDF	ND	0.137

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.

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)
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

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

Vista Analytical Laboratory Certifications

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

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

NELAP Accredited Test Methods

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

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

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

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

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

0.3 °C

2000856

Laboratory Number:
 Date: 4.8.20
 Project Name: Gasco PDI
 Project Number: 000029-02.64
 Project Manager: Delaney Peterson
 Phone Number: 360.715.2707
 Shipment Method: FedEx
 Samplers: dep

Test Parameters										
No. of Containers	Dioxin/furans (16 13B)	Total solids (SM 2540G)								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								
1	X	X								



Line	Field Sample ID	Collection	Matrix	No. of Containers	Dioxin/furans (16 13B)	Total solids (SM 2540G)															Comments/Preservation
16	PDI-076SC-A-07-08-191013	10/02/2019 11:23:00	SE	1	X	X															
17	PDI-077SC-A-03-04-191014	10/02/2019 11:23:00	SE	1	X	X															Please analyze lab duplicate
18	PDI-077SC-A-04-05-191014	10/02/2019 11:23:00	SE	1	X	X															
19	PDI-077SC-A-05-06-191014	10/02/2019 11:23:00	SE	1	X	X															
20	PDI-077SC-A-06-07-191014	10/02/2019 11:23:00	SE	1	X	X															
21	PDI-077SC-A-07-08-191014	10/02/2019 11:23:00	SE	1	X	X															
22	PDI-077SC-A-08-09-191014	10/02/2019 11:23:00	SE	1	X	X															
23	PDI-077SC-A-09-10-191014	10/02/2019 11:23:00	SE	1	X	X															
24	PDI-077SC-A-10-11-191014	10/02/2019 11:23:00	SE	1	X	X															
25	PDI-077SC-A-11-12-191014	10/02/2019 11:23:00	SE	1	X	X															
26																					
27																					
28																					
29																					
30																					

Relinquished By: *Anthony Dalton Allen* Company: Anchor QEA, LLC
Anthony Dalton Allen 4/9/2020 1105
 Signature/Printed Name Date/Time

Received By: *Beth Benedict* Company: VAL
Beth Benedict 04/14/2020 0050
 Signature/Printed Name Date/Time

Relinquished By: _____ Company: _____
 Signature/Printed Name Date/Time

Received By: _____ Company: _____
 Signature/Printed Name Date/Time

Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2000856

 TAT Std

Samples Arrival:	Date/Time: 04/10/20 0950	Initials: RAB	Location: WR-2
			Shelf/Rack: NA
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
		<input type="checkbox"/> GLS	<input type="checkbox"/> DHL
		<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: 0.3 (uncorrected)	Probe used: Y <input checked="" type="checkbox"/> N		Thermometer ID: IR-4
Temp °C: 0.3 (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 type="checkbox"/>	<input checked="" type="checkbox"/>
Airbill <u>—</u> Trk # <u>7702 8046 6040</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 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: 04/13/20 1134	Initials: KS	Location: WR-2
			Shelf/Rack: G-4
COC Anomaly/Sample Acceptance Form completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2000856

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2000856-01	A PDI-076SC-A-07-08-191013	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/> ①	Amber Glass, 120 mL	Solid	
2000856-02	A PDI-077SC-A-03-04-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/> ②	Amber Glass, 120 mL	Solid	DUP
2000856-03	A PDI-077SC-A-04-05-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-04	A PDI-077SC-A-05-06-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-05	A PDI-077SC-A-06-07-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-06	A PDI-077SC-A-07-08-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-07	A PDI-077SC-A-08-09-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-08	A PDI-077SC-A-09-10-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-09	A PDI-077SC-A-10-11-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	
2000856-10	A PDI-077SC-A-11-12-191014	<input checked="" type="checkbox"/>	02-Oct-19 11:23 <input type="checkbox"/>	Amber Glass, 120 mL	Solid	

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

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

Comments:

① Collection date & time differ from CoC
CoC | Sample label
 10/2/19 1123 | 10/13/19 1308

② Collection date & time differ from CoC
CoC | Sample label
 10/2/19 1123 | 10/14/19 0836

Verified by/Date: KS 04/13/20



ANOMALY FORM

Vista Work Order 2000856

Initial/Date The following checked issues were noted during sample receipt and login:

- 1. The samples were received out of temperature at (WI-PHT): _____
Was Ice present: Yes No Melted Blue Ice
- 2. The Chain-of-Custody (CoC) was not relinquished properly.
- 3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
- 4. The sample(s) did not include a sample collection time. All or Sample Name: _____
- 5. A sample ID discrepancy was found. See the Reconciliation report.
The CoC Sample ID will be used unless notified otherwise.
- 6. A sample date and/or time discrepancy was found. See the Reconciliation report.
The CoC Sample date/time will be used unless notified otherwise.
- 7. The CoC did not include a sample matrix. The following sample matrix will be used: _____
- 8. Insufficient volume received for analysis. All or Sample Name: _____
- 9. The backup bottle was received broken. Sample Name: _____
- 10. CoC not received, illegible or destroyed.
- 11. The sample(s) were received out of holding time. All or Sample Name: _____
- 12. The CoC did not include an analysis. All or Sample Name: _____
- 13. Sample(s) received without collection date. All or Sample Name: _____
- 14. Sample(s) not received. All or Sample Name: _____
- 15. Sample(s) received broken. All or Sample Name: _____
- 16. An incorrect container-type was used. All or Sample Name: _____
- 17. Other:

KS 04/13/20

Bolded items require sign-off

Client Contacted: _____

Date of Contact: _____

Vista Client Manager: _____

Resolution:

EXTRACTION INFORMATION

PRIORITY

Process Sheet
Workorder: 2000856

Prep Expiration: 2020-10-01
Client: Anchor QEA, LLC

Workorder Due: 01-May-20 00:00

TAT: 21

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

Prep Batch: DF BODO 160

Prep Data Entered: DF 04/18/20
Date and Initials

Initial Sequence: SOE0010

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2000856-01	<input checked="" type="checkbox"/>	PDI-076SC-A-07-08-191013	10-Apr-20 09:50	WR-2 G-4	
2000856-02	<input checked="" type="checkbox"/>	PDI-077SC-A-03-04-191014	10-Apr-20 09:50	WR-2 G-4	DUP
2000856-03	<input checked="" type="checkbox"/>	PDI-077SC-A-04-05-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-04	<input checked="" type="checkbox"/>	PDI-077SC-A-05-06-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-05	<input checked="" type="checkbox"/>	PDI-077SC-A-06-07-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-06	<input checked="" type="checkbox"/>	PDI-077SC-A-07-08-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-07	<input checked="" type="checkbox"/>	PDI-077SC-A-08-09-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-08	<input checked="" type="checkbox"/>	PDI-077SC-A-09-10-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-09	<input checked="" type="checkbox"/>	PDI-077SC-A-10-11-191014	10-Apr-20 09:50	WR-2 G-4	
2000856-10	<input checked="" type="checkbox"/>	PDI-077SC-A-11-12-191014	10-Apr-20 09:50	WR-2 G-4	

WO Comments: Dioxin - 10g (dry weight)

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

Prep Check Out: GM 04/14/20
Prep Check In: GM 04/14/20

Prep Reconciled Initials/Date: GM 04/14/20
Spike Reconciled Initials/Date: SD 04/14/20
VialBoxID: TOPGUN IV

PREPARATION BENCH SHEET

Matrix: Solid

B0D0160

Chemist: EM

Method: 1613 Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 14-Apr-20 07:38

C	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	CRS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
<input type="checkbox"/>	B0D0160-BLK1	N/A	(10.00)	<u>EM 04/14/20</u>	<u>RR 04/17/20</u>	<u>NA</u>	<u>DF 04/17/20</u>	<u>DF 04/17/20</u>	<u>DF 04/17/20</u>	<u>EM 04/17/20</u>
<input type="checkbox"/>	B0D0160-BS1	N/A	(10.00)							
<input type="checkbox"/>	B0D0160-DUP1	17.69	17.74							
<input type="checkbox"/>	2000856-02	41.00	41.01							
<input type="checkbox"/>	2000856-01	17.89	17.93							
<input type="checkbox"/>	2000856-02	17.69	17.72							
<input type="checkbox"/>	2000856-03	19.08	19.10							
<input type="checkbox"/>	2000856-04	17.60	17.71							
<input type="checkbox"/>	2000856-05	16.16	16.23							
<input type="checkbox"/>	2000856-06	17.92	18.00							
<input type="checkbox"/>	2000856-07	16.39	16.44							
<input type="checkbox"/>	2000856-08	12.64	12.66							
<input type="checkbox"/>	2000856-09	12.75	12.78							
<input type="checkbox"/>	2000856-10	12.96	12.97							

IS Name <u>V4</u>	NS Name <u>V2</u>	CRS Name <u>V2</u>	RS Name <u>V2</u>	Cycle Time	APP: SEFUN SOX <u>(SDS)</u>	Check Out: Chemist/Date: <u>EM 04/14/20</u>
PCDD/F <u>19L2301, 10ML</u>	PCDD/F <u>18F1913, 10ML</u>	PCDD/F <u>19I1602, 10ML</u>	PCDD/F <u>19I1603, 10ML</u>	Start Date/Time <u>04/14/20 1329</u>	SOLV: <u>T01</u>	Check In: Chemist/Date: <u>EM 04/14/20</u>
PCB _____	PCB _____	PCB _____	PCB _____	Stop Date/Time <u>04/15/20 542</u>	Other <u>N/A</u>	Balance ID: <u>HRMS-09</u>
PAH _____	PAH _____	PAH _____	PAH _____	Final Volume(s) <u>C14</u>	<u>20ML</u>	

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

Analyst: AO Analyte: Dried at 110°C±5°C Oven ID: 01 02	Test Code: %Moist/%Solids Units: %	Data Entry Verified by: (Initial and Date) <i>DO 04/14/20</i>
--	---------------------------------------	--

Inst HRMS-9 Date/Time IN: 04/13/20 1452 Date/Time OUT: 04/14/20 0702

Particle Size	SampleID	SampType	Initial and Date:		EM 04/14/20		AO 04/13/20						
			Pan Tare Wt. (gms)	AO 04/13/20 Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids Raw/Val	Visual Inspection	Cl-	pH Before	pH After	Acid Added	AO 04/13/20 Sample Homogenized*
	2000855-01	Sample	1.2900	9.0300	7.8700	6.5800	85.01	MUD	NA	NA	NA	NA	X
	2000855-02	Sample	1.3200	9.1900	7.6700	6.3500	80.69	MUD	NA	NA	NA	NA	X
	2000855-03	Sample	1.3100	7.6000	6.7600	5.4500	86.65	MUD	NA	NA	NA	NA	X
	2000855-04	Sample	1.3100	14.3300	11.2200	8.9100	76.11	MUD	NA	NA	NA	NA	X
	2000855-05	Sample	1.3000	14.1000	10.2400	8.9400	69.84	MUD	NA	NA	NA	NA	X
	2000855-06	Sample	1.3000	10.1700	8.2800	6.9800	78.69	MUD	NA	NA	NA	NA	X
	2000855-07	Sample	1.3100	12.5000	8.7700	7.4600	66.67	MUD	NA	NA	NA	NA	X
	2000855-08	Sample	1.2800	14.8400	11.0700	9.7900	72.20	MUD	NA	NA	NA	NA	X
	2000855-09	Sample	1.3200	11.7800	8.9200	7.6000	72.66	MUD	NA	NA	NA	NA	X
	2000855-10	Sample	1.3100	9.8300	7.2200	5.9100	69.37	MUD	NA	NA	NA	NA	X
	2000855-11	Sample	1.3100	10.5800	8.1400	6.8300	73.68	MUD	NA	NA	NA	NA	X
	2000855-12	Sample	1.2900	13.0200	9.0600	7.7700	66.24	MUD	NA	NA	NA	NA	X
	2000855-13	Sample	1.3100	10.3100	8.3200	7.0100	77.89	MUD	NA	NA	NA	NA	X
	2000855-14	Sample	1.3100	12.5900	9.8400	8.5300	75.62	MUD	NA	NA	NA	NA	X
	2000855-15	Sample	1.3100	12.0500	8.2200	6.9100	64.34	MUD	NA	NA	NA	NA	X
	2000856-01	Sample	1.2800	12.5300	7.5700	6.2900	55.91	MUD	NA	NA	NA	NA	X
	2000856-02	Sample	1.3000	13.0100	7.9200	6.6200	56.53	MUD	NA	NA	NA	NA	X
	2000856-03	Sample	1.2900	16.0200	9.0100	7.7200	52.41	MUD	NA	NA	NA	NA	X
	2000856-04	Sample	1.3100	25.1400	14.8500	13.5400	56.82	MUD	NA	NA	NA	NA	X
	2000856-05	Sample	1.3200	10.5800	7.0500	5.7300	61.88	MUD	NA	NA	NA	NA	X
	2000856-06	Sample	1.3000	11.7500	7.1300	5.8300	55.79	MUD	NA	NA	NA	NA	X
	2000856-07	Sample	1.2900	11.8800	7.7500	6.4600	61.00	MUD	NA	NA	NA	NA	X
	2000856-08	Sample	1.2800	8.9400	7.3400	6.0600	79.11	MUD	NA	NA	NA	NA	X
	2000856-09	Sample	1.2900	9.0800	7.4000	6.1100	78.43	MUD	NA	NA	NA	NA	X
	2000856-10	Sample	1.3200	9.2500	7.4400	6.1200	77.18	MUD	NA	NA	NA	NA	X

*Sample homogenized in sample container unless otherwise noted.

Analyst: AO	Test Code: %Moist/%Solids	Data Entry Verified by: (Initial and Date) <u>N/A</u>
Analyte:	Units: %	
Oven ID: 01 02	Dried at 110°C±5°C	

Inst **HRMS-9**

Date/Time IN: **04/13/20** Date/Time OUT: **04/14/20**
1732 **0702**

Particle Size	SampleID	SampType	Initial and Date: 04/13/20		Date: 04/14/20		Dry Sample Weight (g)	%Solids RawVal	Visual Inspection	Cl.	pH Before	pH After	Acid Added	Sample Homogenized*
			Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)								
	2000855-01	Sample	1.29	9.03	7.87			MUD					X	
	2000855-02	Sample	1.32	9.19	7.67									
	2000855-03	Sample	1.31	7.60	6.76									
	2000855-04	Sample	1.31	14.38	11.22									
	2000855-05	Sample	1.30	14.10	10.24									
	2000855-06	Sample	1.30	10.17	8.28									
	2000855-07	Sample	1.31	12.50	8.77									
	2000855-08	Sample	1.28	14.84	11.07									
	2000855-09	Sample	1.32	11.78	8.92									
	2000855-10	Sample	1.31	9.83	7.22									
	2000855-11	Sample	1.31	10.68	8.14									
	2000855-12	Sample	1.29	13.02	9.06									
	2000855-13	Sample	1.31	10.31	8.32									
	2000855-14	Sample	1.31	17.59	9.84									
	2000855-15	Sample	1.31	12.05	8.22									
	2000856-01	Sample	1.28	12.63	7.57									
	2000856-02	Sample	1.30	13.01	7.92									
	2000856-03	Sample	1.29	16.02	9.01									
	2000856-04	Sample	1.31	25.14	14.85									
	2000856-05	Sample	1.32	10.59	7.05									
	2000856-06	Sample	1.30	11.72	7.13									
	2000856-07	Sample	1.29	11.88	7.75									
	2000856-08	Sample	1.28	8.94	7.34									
	2000856-09	Sample	1.29	9.08	7.40									
	2000856-10	Sample	1.32	9.25	7.44									

*Sample homogenized in sample container unless otherwise noted.

Batch: B0D0160

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2000830-02	41.01 /	24.39024	10.0024	20	14-Apr-20 07:38	EMM			Solid	1613 Full List
2000856-01	17.93 /	55.91111	10.0249	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-02	17.72 /	56.53288	10.0176	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-03	19.1 /	52.41005	10.0103	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-04	17.71 /	56.81914	10.0627	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-05	16.23 /	61.87905	10.0430	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-06	18 /	55.78947	10.0421	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-07	16.44 /	61.00094	10.0286	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-08	12.66 /	79.11227	10.0156	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-09	12.78 /	78.43389	10.0239	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
2000856-10	12.97 /	77.17529	10.0096	20	14-Apr-20 07:38	EMM			Sediment	1613 Full List
B0D0160-BLK1	10 /			20	14-Apr-20 07:38	EMM				QC
B0D0160-BS1	10 /			20	14-Apr-20 07:38	EMM	18F1913 /	10 /		QC
B0D0160-DUP1	17.74 /	56.53288	10.0289	20	14-Apr-20 07:38	EMM				QC

All bolded data on report verified against written benchsheet by (initial/date) DF 04/18/20

SAMPLE DATA – EPA METHOD 1613

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-4.qld

Last Altered: Wednesday, June 03, 2020 8:25:22 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 8:25:43 AM Pacific Daylight Time

GRB 06/03/2020
(7 06/03/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-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	0.888	10.000	26.531		1.001				0.0549	
2	2 1,2,3,7,8-PeCDD			NO	0.908	10.000	31.473		1.001				0.0640	
3	3 1,2,3,4,7,8-HxCDD			NO	1.03	10.000	34.836		1.000				0.0666	
4	4 1,2,3,6,7,8-HxCDD			NO	0.892	10.000	34.932		1.000				0.0665	
5	5 1,2,3,7,8,9-HxCDD			NO	0.887	10.000	35.220		1.000				0.0771	
6	6 1,2,3,4,6,7,8-HpCDD			NO	0.864	10.000	38.768		1.000				0.125	
7	7 OCDD	7.84e2	0.86	NO	0.914	10.000	41.716	41.73	1.000	1.000	0.85023		0.240	0.850
8	8 2,3,7,8-TCDF			NO	0.751	10.000	25.641		1.001				0.0325	
9	9 1,2,3,7,8-PeCDF			NO	0.893	10.000	30.190		1.001				0.0428	
10	10 2,3,4,7,8-PeCDF			NO	0.935	10.000	31.192		1.001				0.0421	
11	11 1,2,3,4,7,8-HxCDF			NO	0.884	10.000	33.952		1.000				0.0507	
12	12 1,2,3,6,7,8-HxCDF			NO	0.889	10.000	34.079		1.000				0.0466	
13	13 2,3,4,6,7,8-HxCDF			NO	0.934	10.000	34.690		1.001				0.0526	
14	14 1,2,3,7,8,9-HxCDF			NO	0.871	10.000	35.571		1.000				0.0802	
15	15 1,2,3,4,6,7,8-HpCDF			NO	0.873	10.000	37.376		1.001				0.0793	
16	16 1,2,3,4,7,8,9-HpCDF			NO	1.01	10.000	39.299		1.000				0.0902	
17	17 OCDF	2.77e2	0.99	NO	0.806	10.000	41.908	41.95	1.000	1.001	0.29993		0.104	0.300
18	18 13C-2,3,7,8-TCDD	7.10e5	0.77	NO	1.16	10.000	26.522	26.50	1.026	1.026	196.71	98.4	0.191	
19	19 13C-1,2,3,7,8-PeCDD	4.93e5	0.63	NO	0.849	10.000	31.711	31.45	1.227	1.217	186.14	93.1	0.237	
20	20 13C-1,2,3,4,7,8-HxCDD	3.12e5	1.25	NO	0.779	10.000	34.841	34.83	1.014	1.014	204.00	102	0.571	
21	21 13C-1,2,3,6,7,8-HxCDD	3.88e5	1.28	NO	1.02	10.000	34.955	34.93	1.017	1.017	194.41	97.2	0.437	
22	22 13C-1,2,3,7,8,9-HxCDD	3.54e5	1.29	NO	0.903	10.000	35.226	35.21	1.025	1.025	199.70	99.8	0.493	
23	23 13C-1,2,3,4,6,7,8-HpCDD	2.41e5	1.04	NO	0.689	10.000	38.751	38.76	1.128	1.128	178.47	89.2	0.577	
24	24 13C-OCDD	4.04e5	0.87	NO	0.652	10.000	41.775	41.72	1.216	1.214	315.51	78.9	0.479	
25	25 13C-2,3,7,8-TCDF	8.01e5	0.76	NO	1.06	10.000	25.564	25.61	0.989	0.991	183.59	91.8	0.423	
26	26 13C-1,2,3,7,8-PeCDF	7.11e5	1.56	NO	0.838	10.000	30.093	30.17	1.165	1.168	206.01	103	0.402	
27	27 13C-2,3,4,7,8-PeCDF	6.80e5	1.59	NO	0.817	10.000	31.047	31.16	1.202	1.206	202.09	101	0.413	
28	28 13C-1,2,3,4,7,8-HxCDF	3.75e5	0.50	NO	1.01	10.000	33.972	33.95	0.989	0.988	189.63	94.8	1.03	
29	29 13C-1,2,3,6,7,8-HxCDF	4.41e5	0.51	NO	1.17	10.000	34.096	34.07	0.992	0.992	192.60	96.3	0.891	
30	30 13C-2,3,4,6,7,8-HxCDF	3.86e5	0.51	NO	1.02	10.000	34.670	34.65	1.009	1.009	192.66	96.3	1.02	
31	31 13C-1,2,3,7,8,9-HxCDF	3.11e5	0.51	NO	0.860	10.000	35.570	35.57	1.035	1.035	184.26	92.1	1.21	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-4.qld

Last Altered: Wednesday, June 03, 2020 8:25:22 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 8:25:43 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	13C-1,2,3,4,6,7,8-HpCDF	2.69e5	0.43	NO	0.774	10.000	37.319	37.34	1.086	1.087	177.06	88.5	0.648	
33	13C-1,2,3,4,7,8,9-HpCDF	1.78e5	0.41	NO	0.521	10.000	39.349	39.30	1.145	1.144	174.31	87.2	0.964	
34	13C-OCDF	4.58e5	0.87	NO	0.746	10.000	41.946	41.91	1.221	1.220	313.10	78.3	0.568	
35	37Cl-2,3,7,8-TCDD	2.55e5			1.04	10.000	26.553	26.51	1.028	1.026	78.693	98.4	0.0447	
36	13C-1,2,3,4-TCDD	6.24e5	0.79	NO	1.00	10.000	25.890	25.84	1.000	1.000	200.00	100	0.221	
37	13C-1,2,3,4-TCDF	8.24e5	0.78	NO	1.00	10.000	24.360	24.18	1.000	1.000	200.00	100	0.448	
38	13C-1,2,3,4,6,9-HxCDF	3.93e5	0.51	NO	1.00	10.000	34.420	34.36	1.000	1.000	200.00	100	1.04	
39	Total Tetra-Dioxins				0.888	10.000	24.620		0.000				0.0359	
40	Total Penta-Dioxins				0.908	10.000	29.960		0.000				0.0346	
41	Total Hexa-Dioxins				0.892	10.000	33.635		0.000				0.0423	
42	Total Hepta-Dioxins				0.864	10.000	37.640		0.000				0.0688	
43	Total Tetra-Furans				0.751	10.000	23.610		0.000				0.0133	
44	1st Func. Penta-Furans				0.893	10.000	27.580		0.000				0.0130	
45	Total Penta-Furans				0.893	10.000	29.275		0.000				0.0150	
46	Total Hexa-Furans				0.934	10.000	33.555		0.000				0.0258	
47	Total Hepta-Furans				0.873	10.000	37.835		0.000				0.0381	

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-4.qld

Last Altered: Wednesday, June 03, 2020 8:25:22 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 8:25:43 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Callbration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

Tetra-Dioxins

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

Penta-Dioxins

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

Hexa-Dioxins

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

Hepta-Dioxins

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

Tetra-Furans

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

Penta-Furans function 1

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

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-4.qld

Last Altered: Wednesday, June 03, 2020 8:25:22 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 8:25:43 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-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												

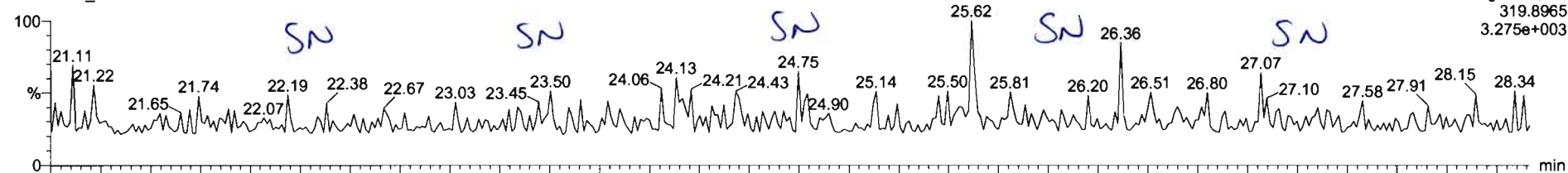
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

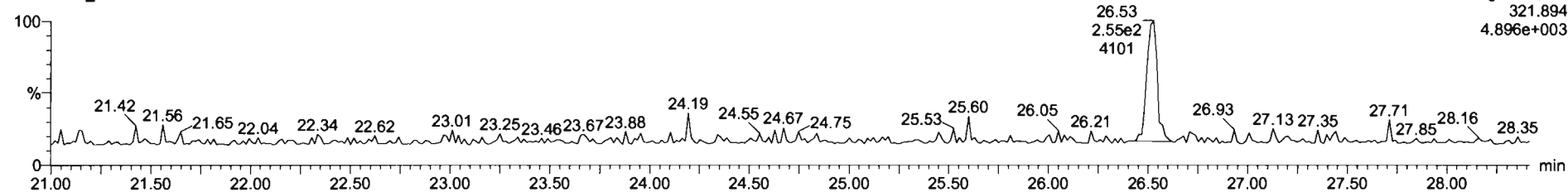
2,3,7,8-TCDD

200602R2_4



F1: Voltage SIR, EI+
319.8965
3.275e+003

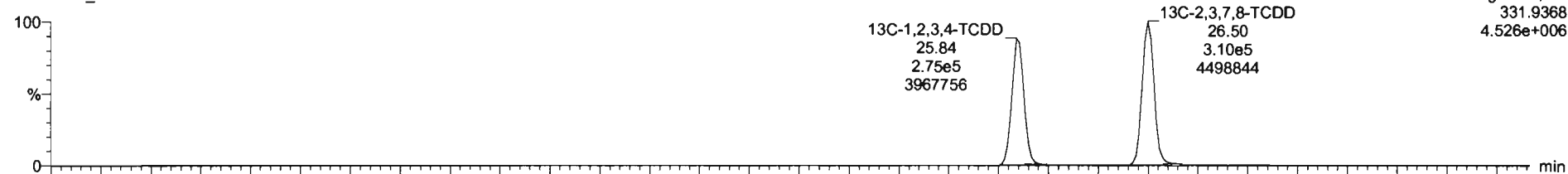
200602R2_4



F1: Voltage SIR, EI+
321.894
4.896e+003

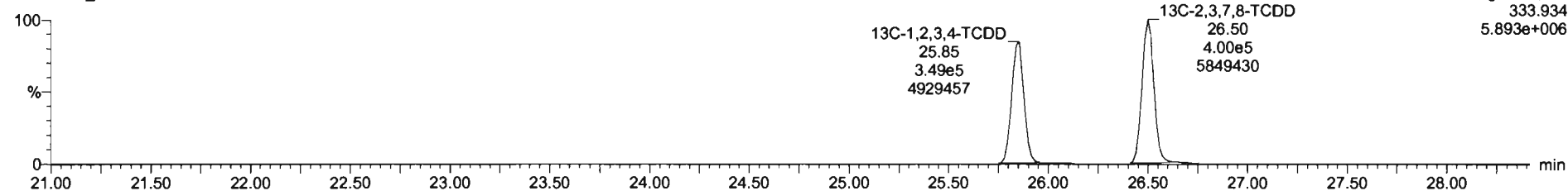
13C-2,3,7,8-TCDD

200602R2_4



F1: Voltage SIR, EI+
331.9368
4.526e+006

200602R2_4



F1: Voltage SIR, EI+
333.934
5.893e+006

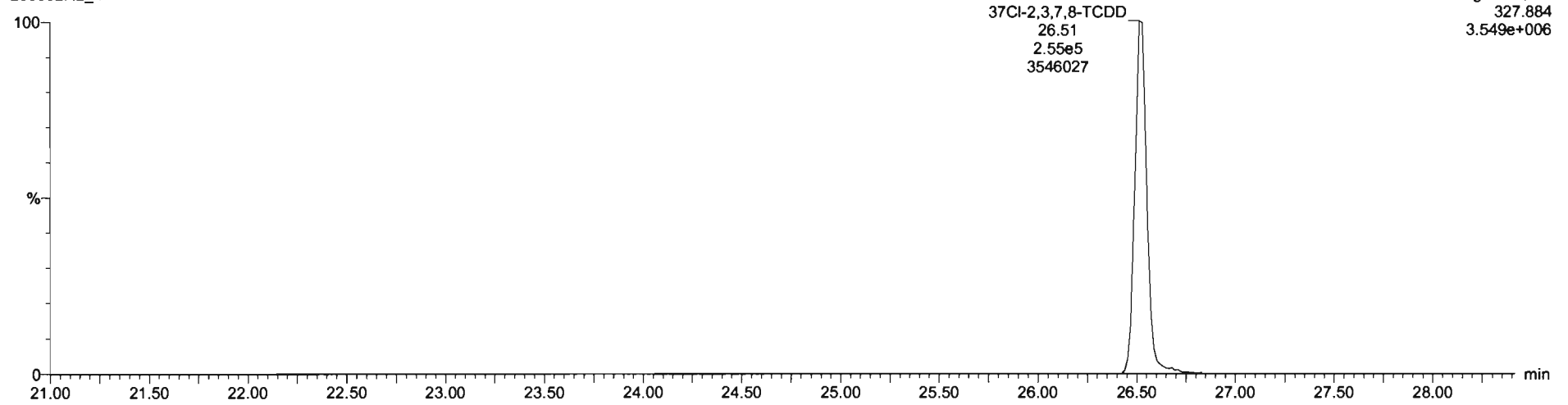
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

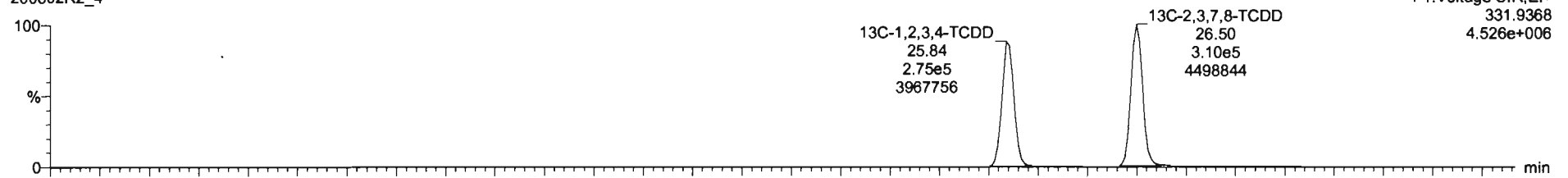
37Cl-2,3,7,8-TCDD

200602R2_4

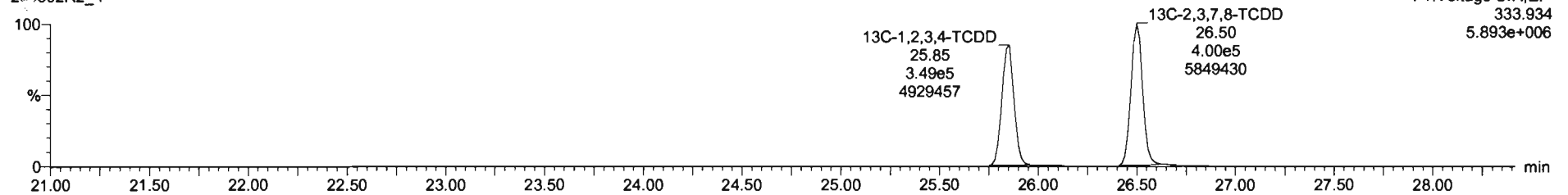


13C-1,2,3,4-TCDD

200602R2_4



200602R2_4



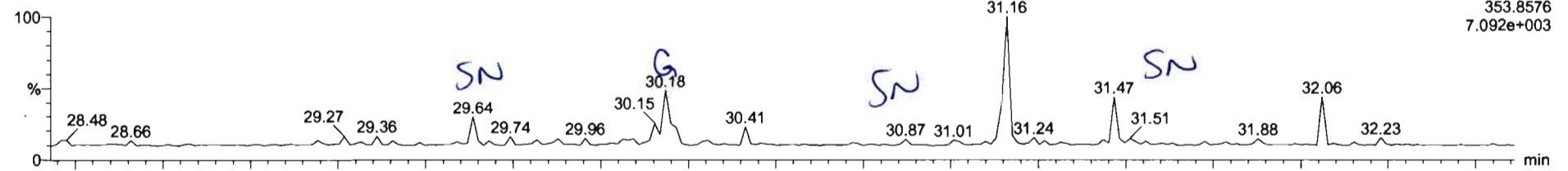
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

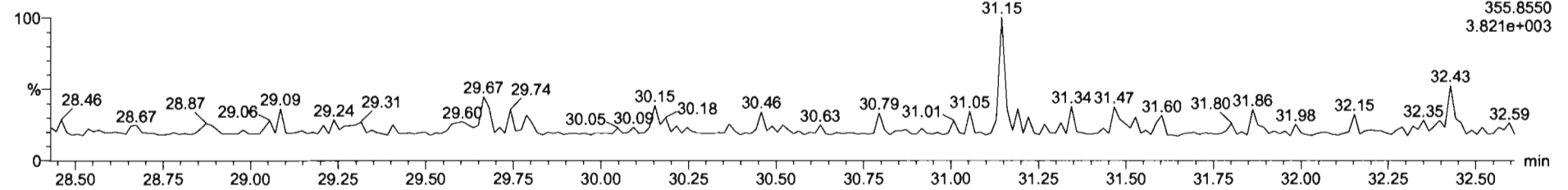
Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

1,2,3,7,8-PeCDD

200602R2_4

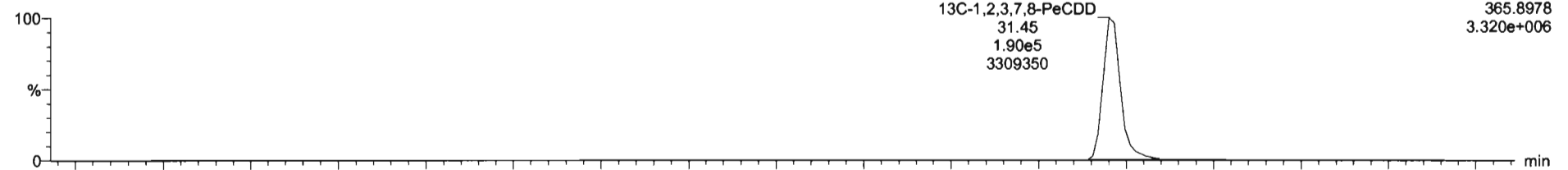


200602R2_4

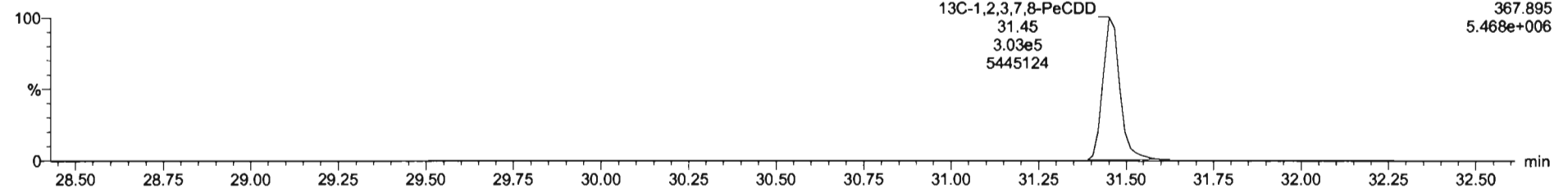


13C-1,2,3,7,8-PeCDD

200602R2_4



200602R2_4



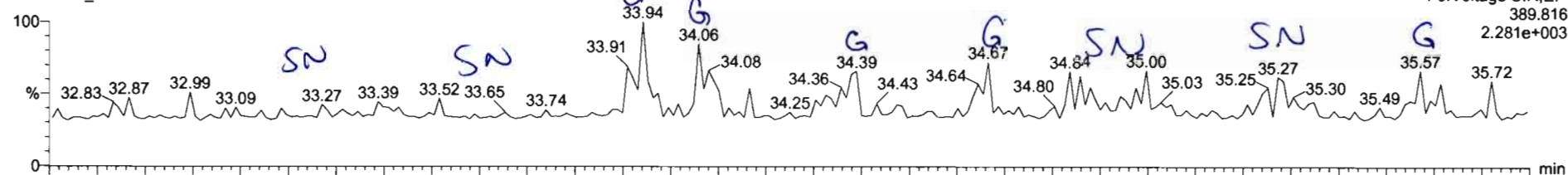
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

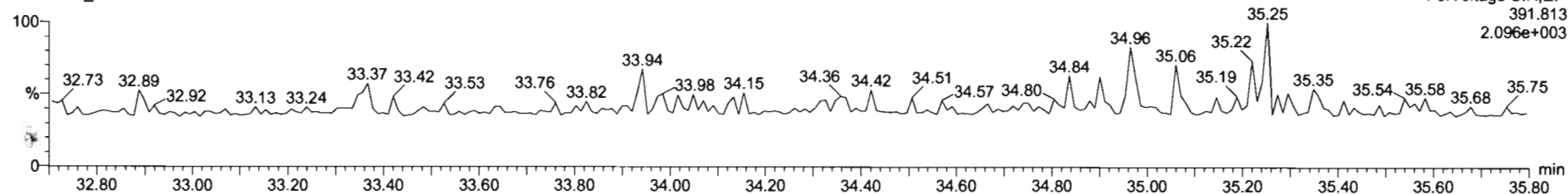
Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

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

200602R2_4

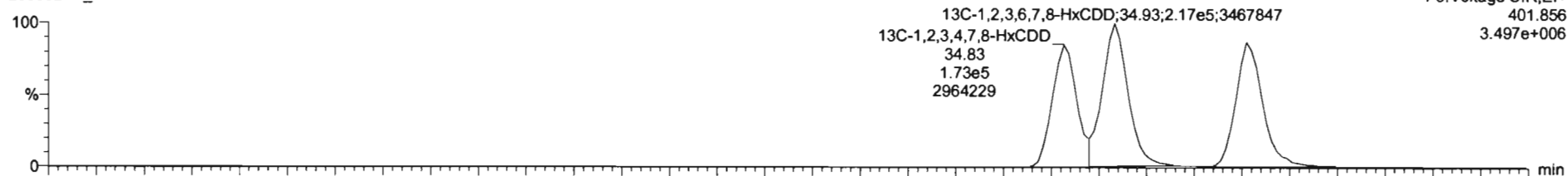


200602R2_4

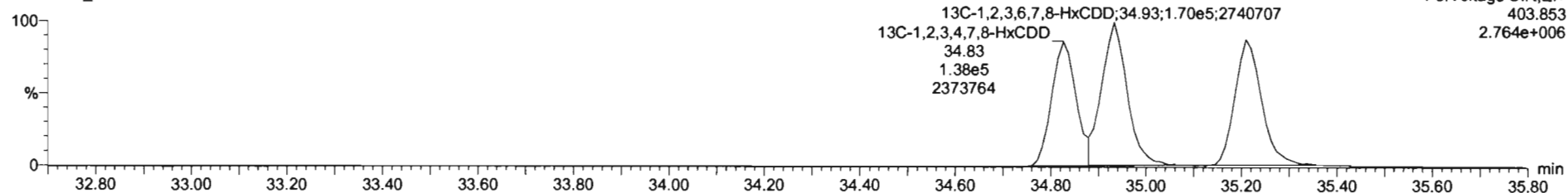


13C-1,2,3,4,7,8-HxCDD

200602R2_4



200602R2_4



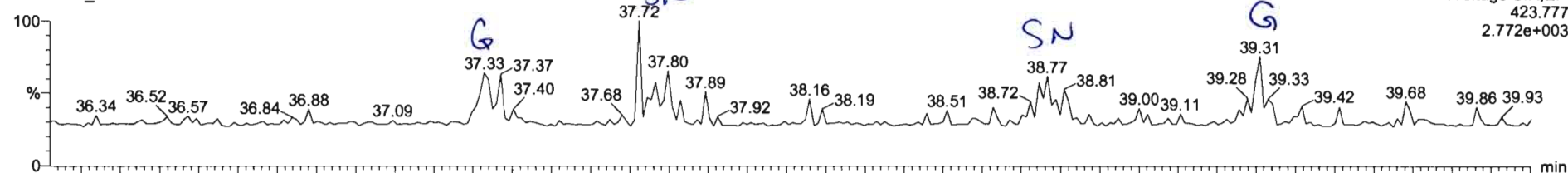
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

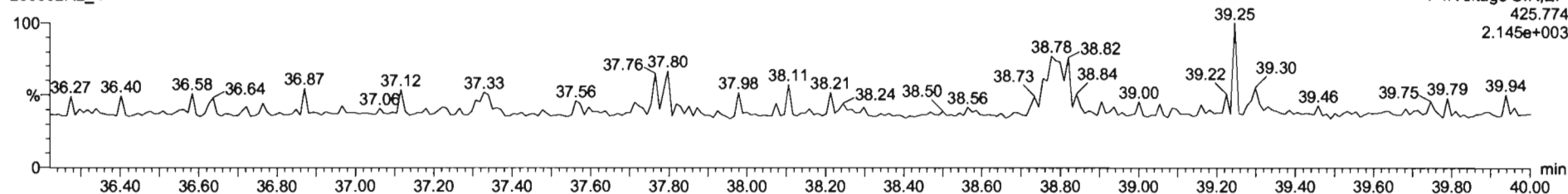
Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

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

200602R2_4

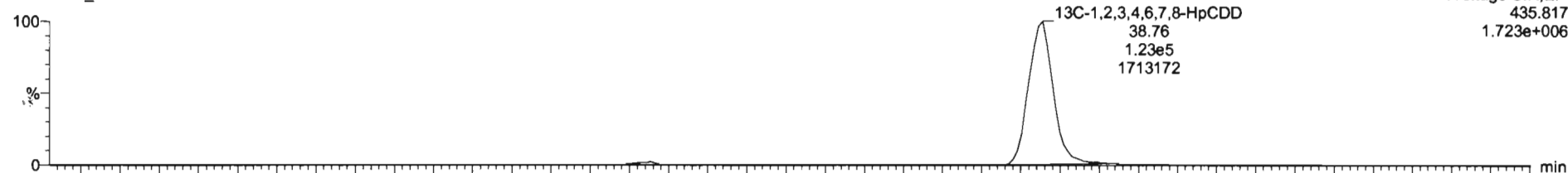


200602R2_4

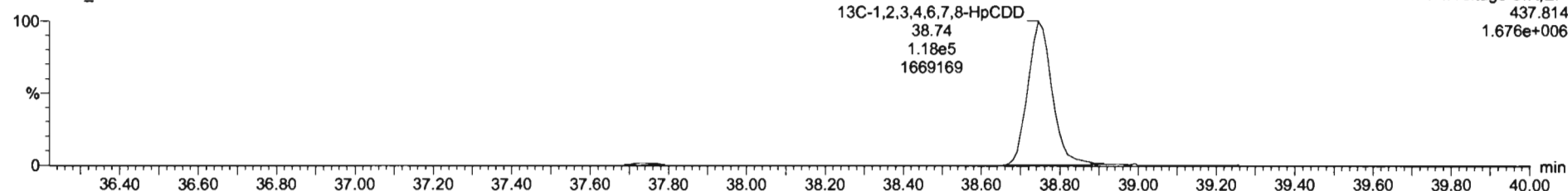


13C-1,2,3,4,6,7,8-HpCDD

200602R2_4



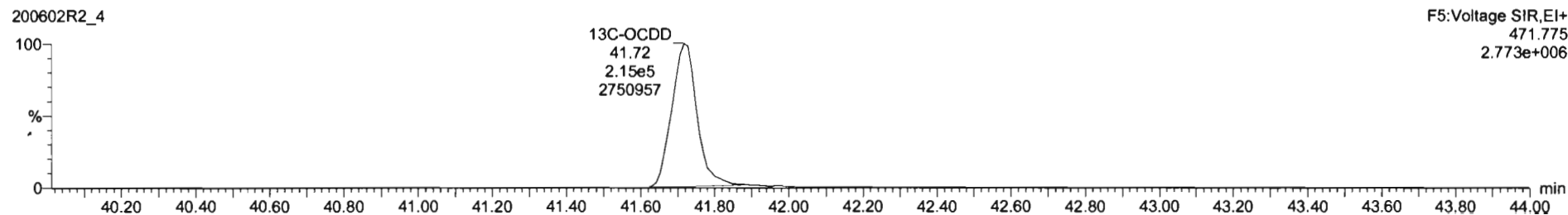
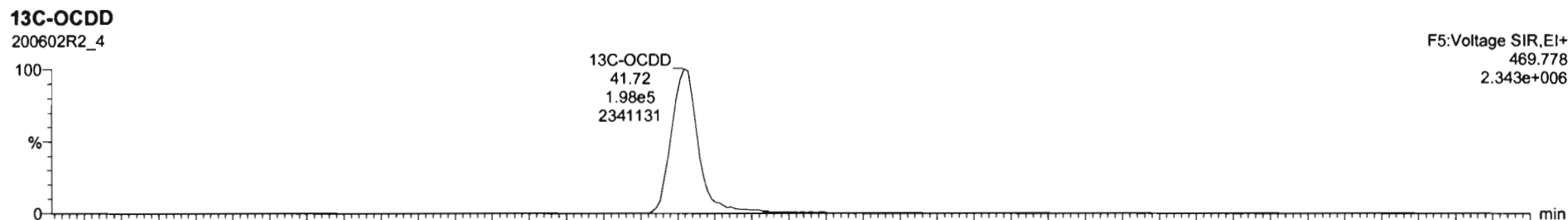
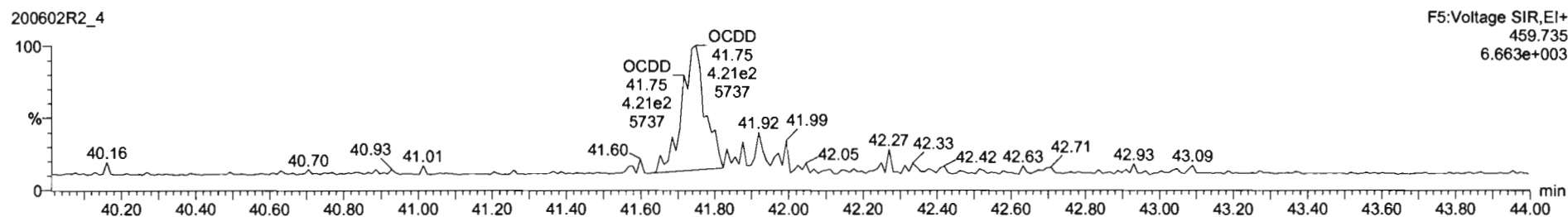
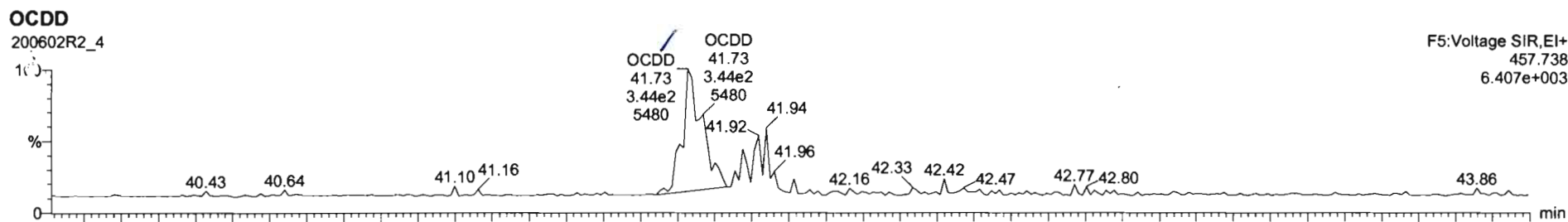
200602R2_4



Dataset: Untitled

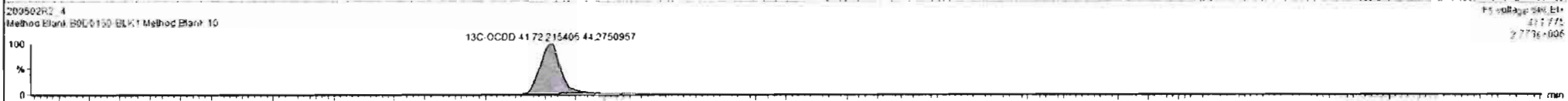
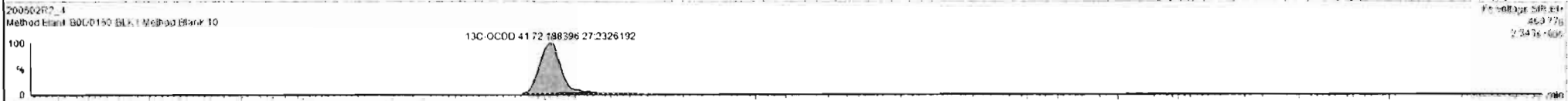
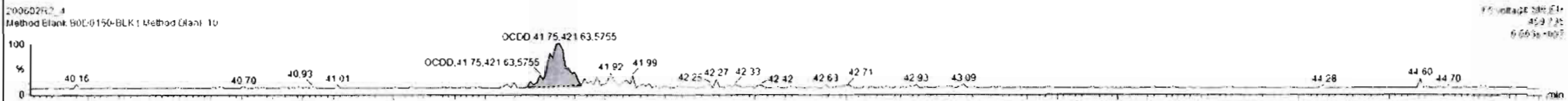
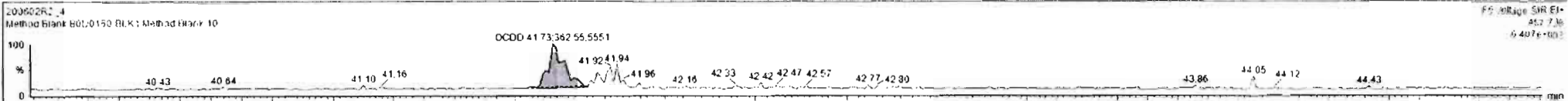
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank



#	Name	Resp	RA	n/y	RRF	wt/Vol	RT	RRT	Conc.	%Rec	OL	EMPC
7	OCDD	7.84e2	8.35	NO	0.9136	10.000	41.73	1.000	0.350		0.240	0.850
8	2,3,7,8-TCDF			NO	0.7510	10.000						

#	Name	RT	ret Resp	in2 Resp	RA	n/y	EMPC	Conc.
1								

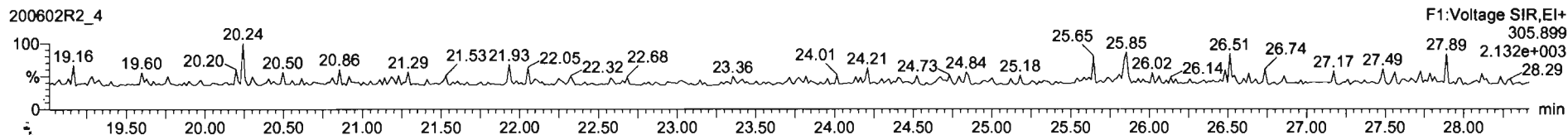
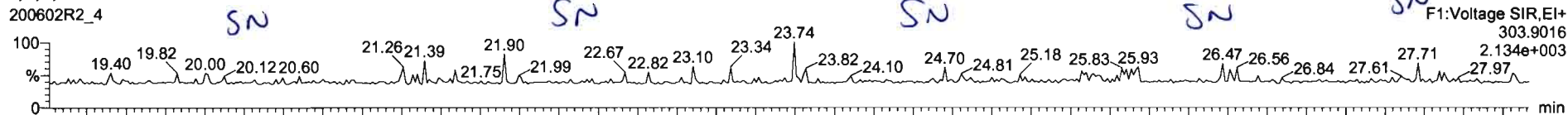


Dataset: Untitled

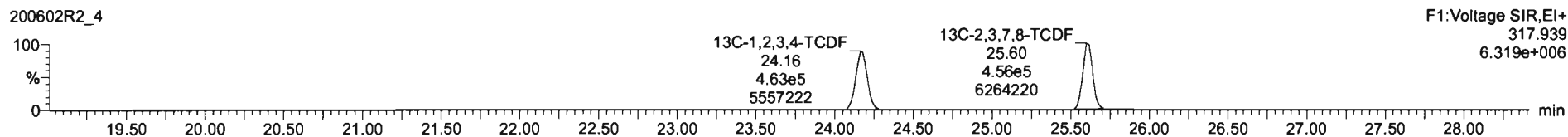
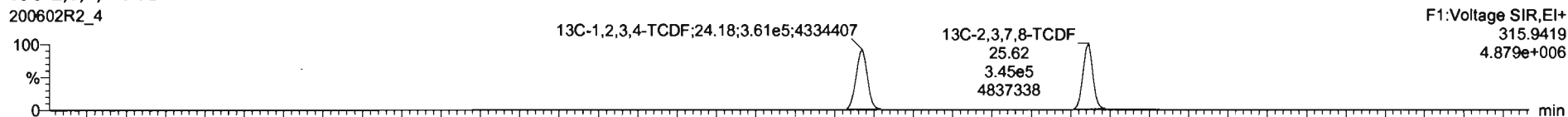
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

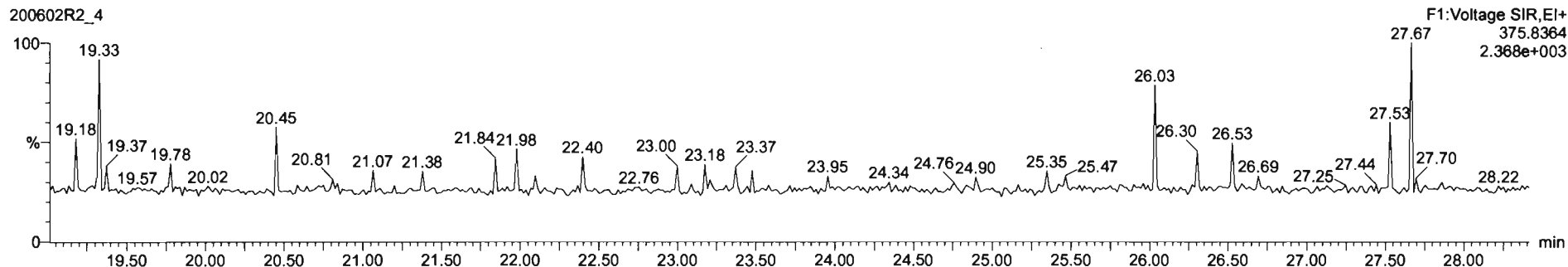
2,3,7,8-TCDF



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



DPE1

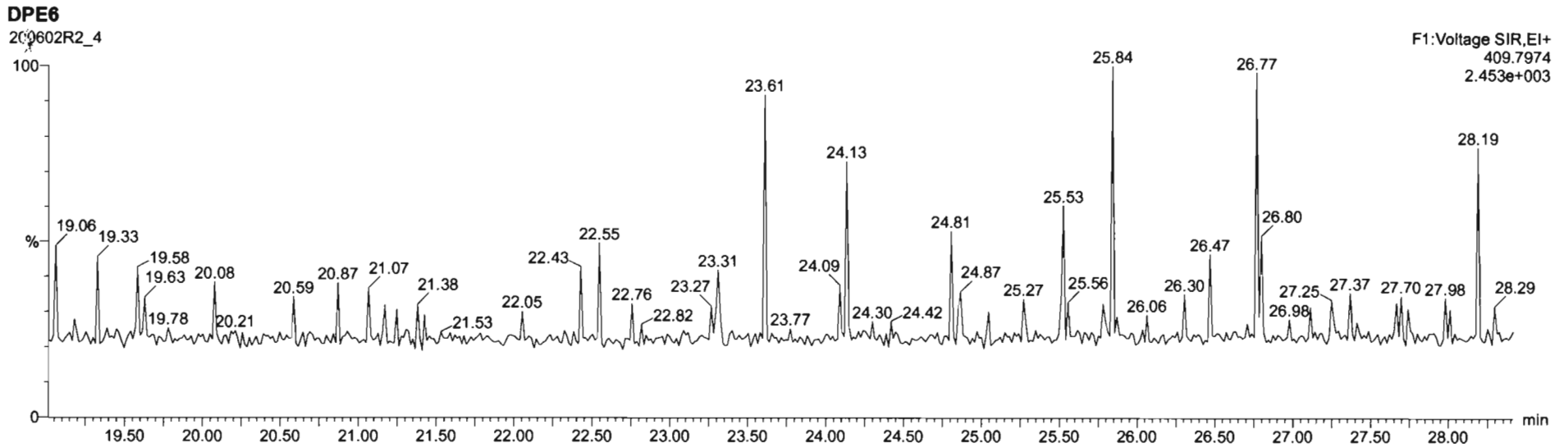
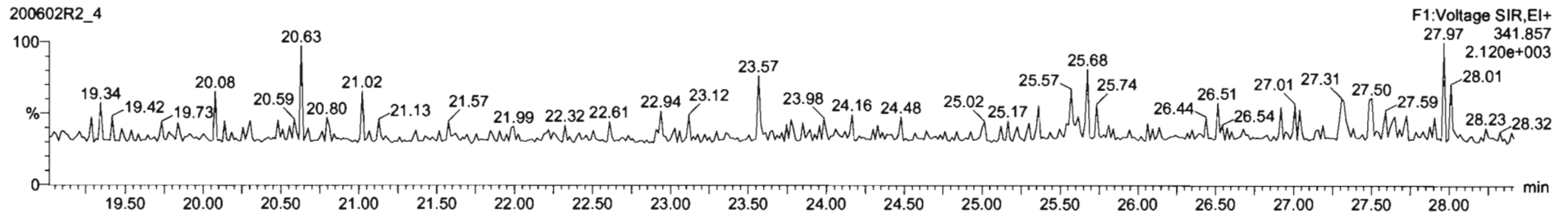
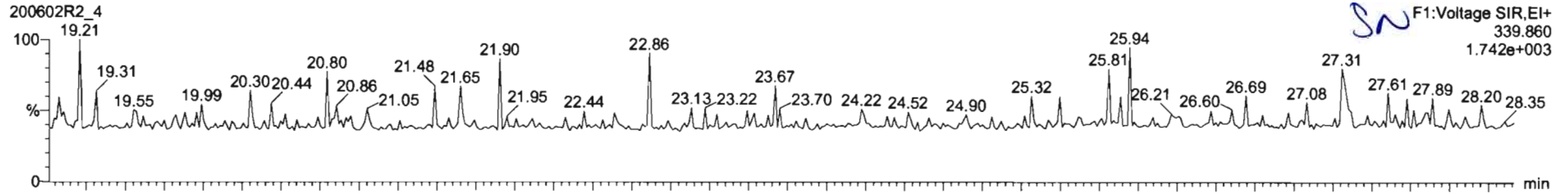


Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

1st Func. Penta-Furans

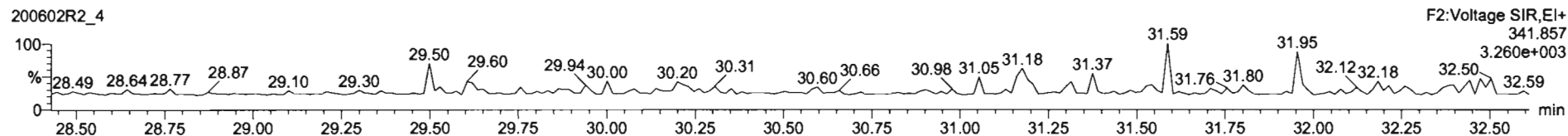
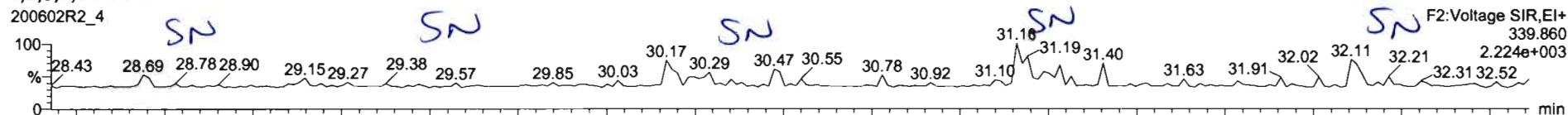


Dataset: Untitled

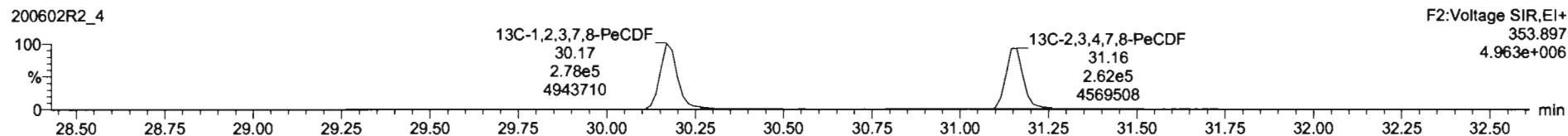
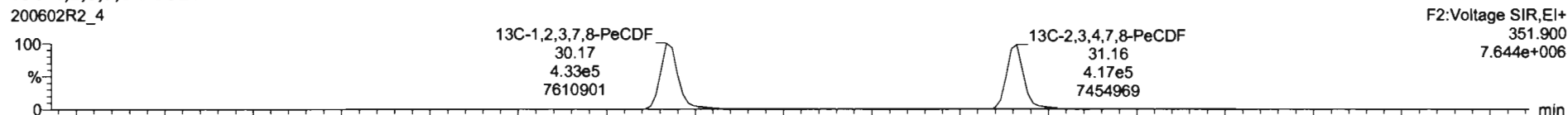
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

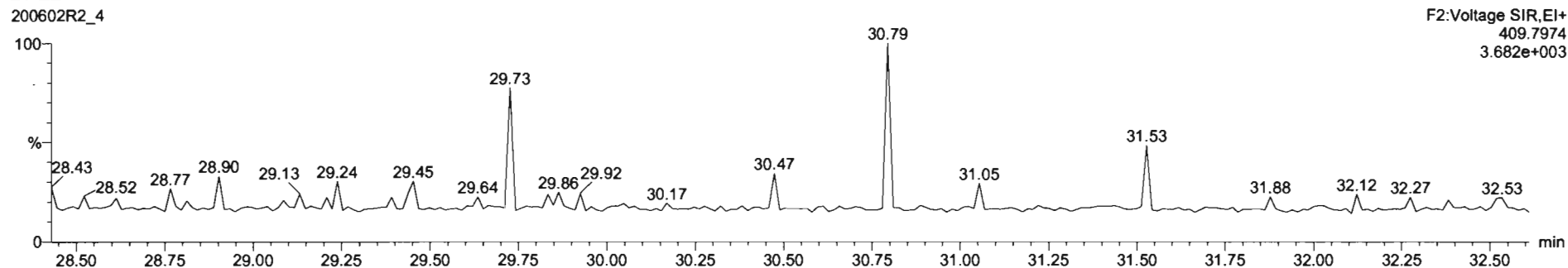
1,2,3,7,8-PeCDF



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



DPE2



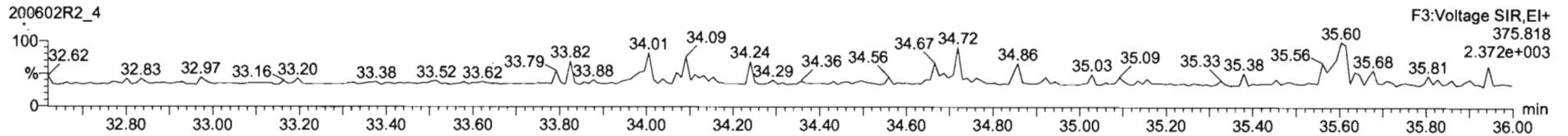
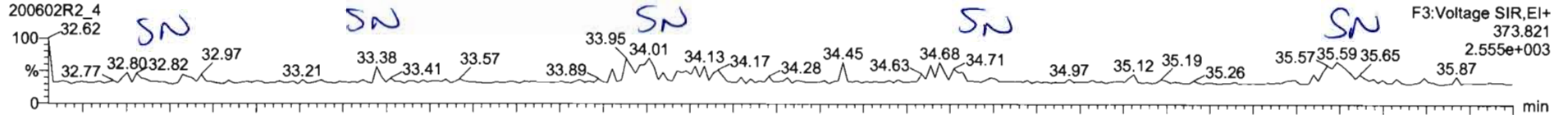
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

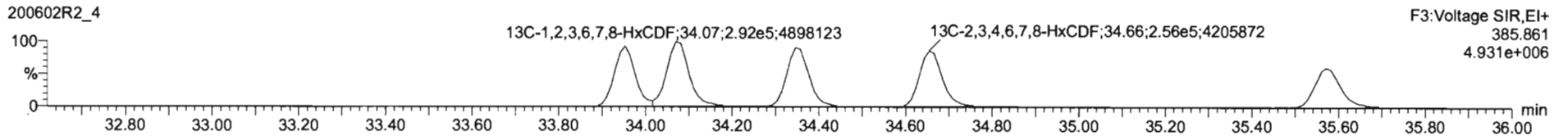
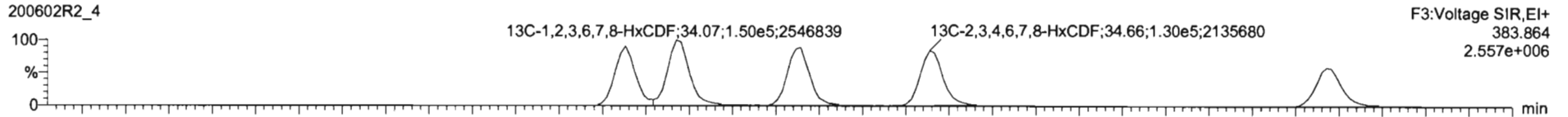
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

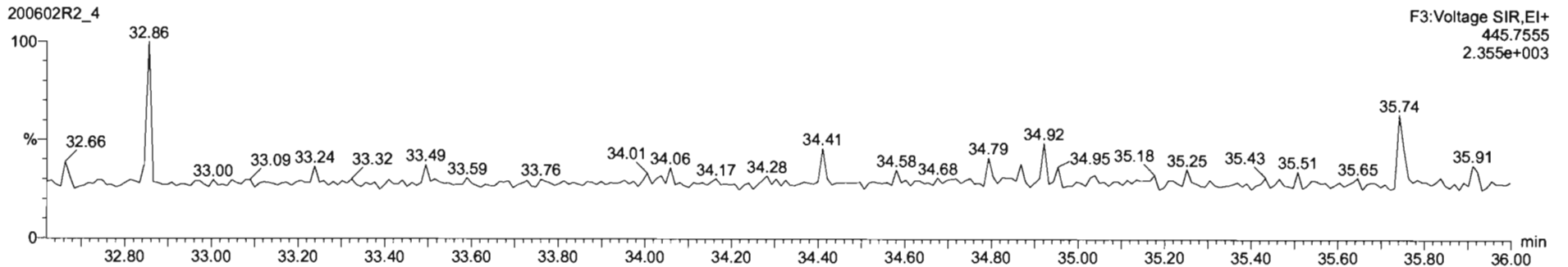
1,2,3,4,7,8-HxCDF



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



DPE3

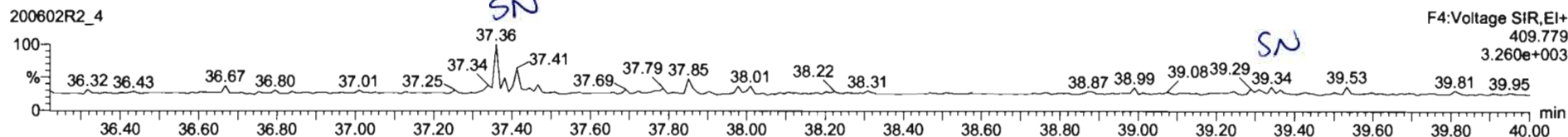
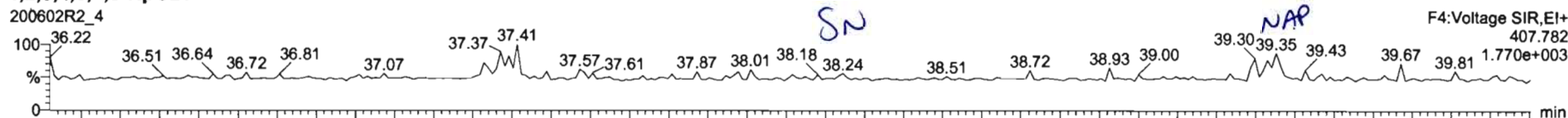


Dataset: Untitled

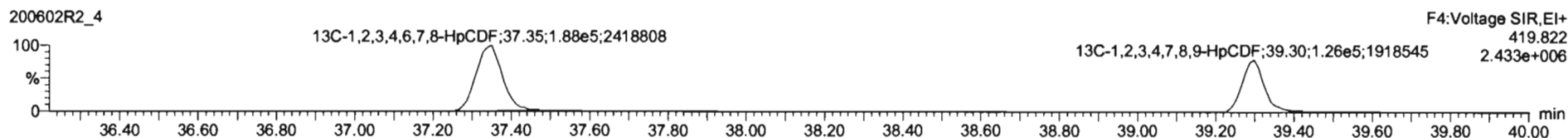
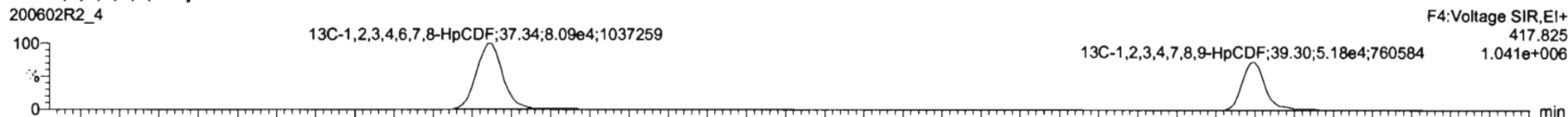
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank

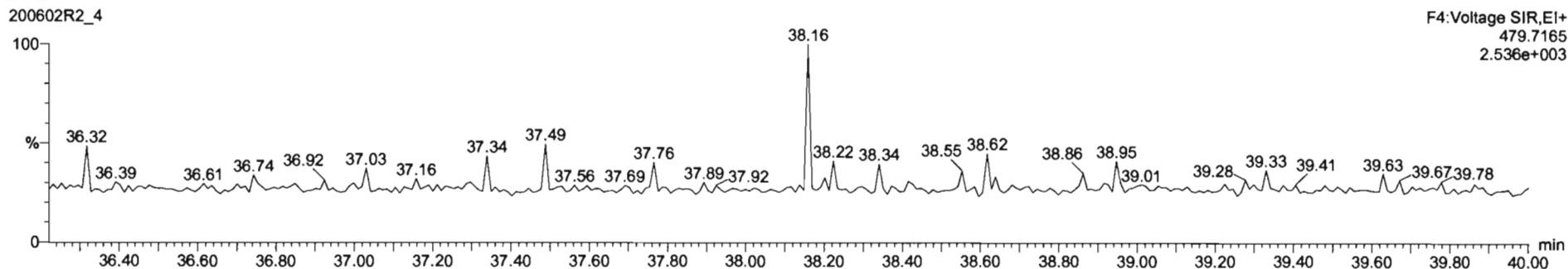
1,2,3,4,6,7,8-HpCDF



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



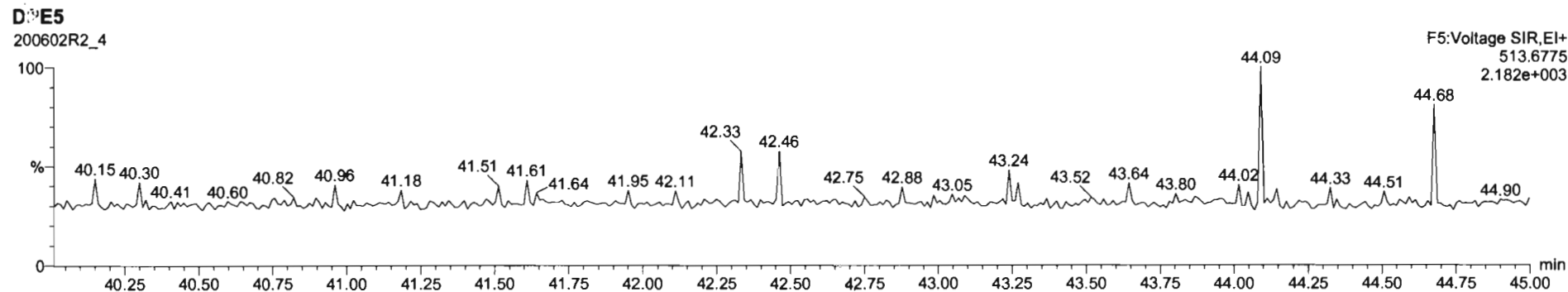
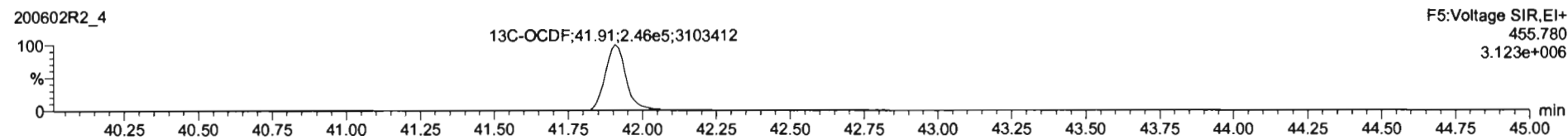
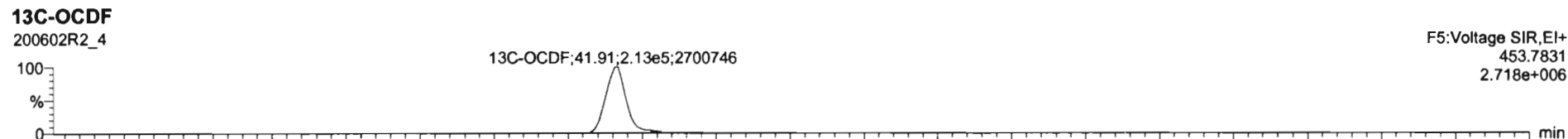
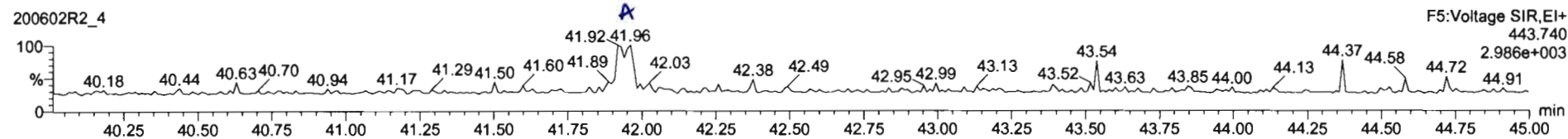
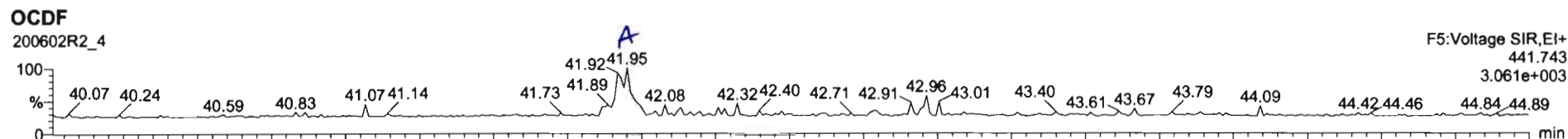
DPE4



Dataset: Untitled

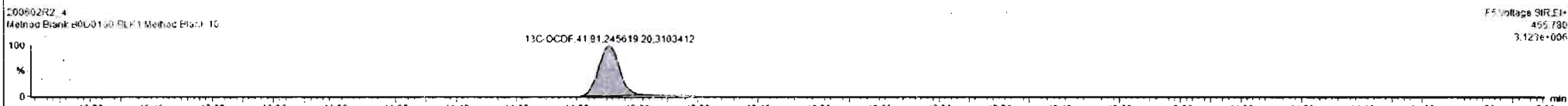
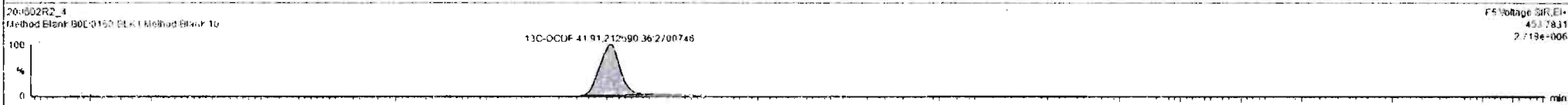
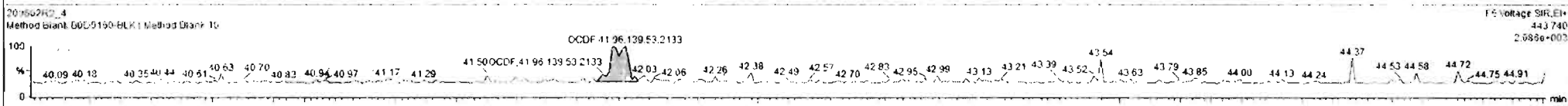
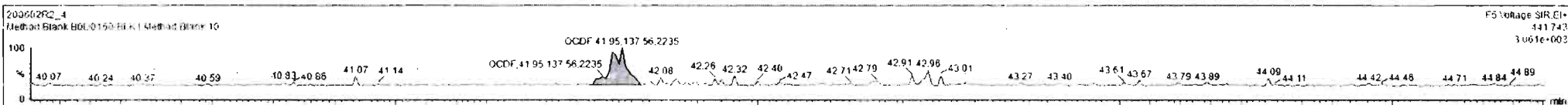
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank



Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	ENPC
17	OCDF	2.77e2	0.99	NO	0.0005	10.000	41.95	1.001	0.300	0.104	0.300
18	13C-2,3,7,8-TCDD	7.10e5	0.77	NO	1.1563	10.000	26.50	1.026	197	0.191	

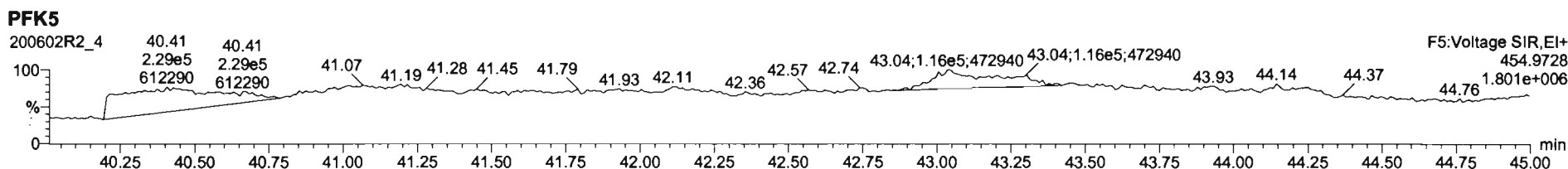
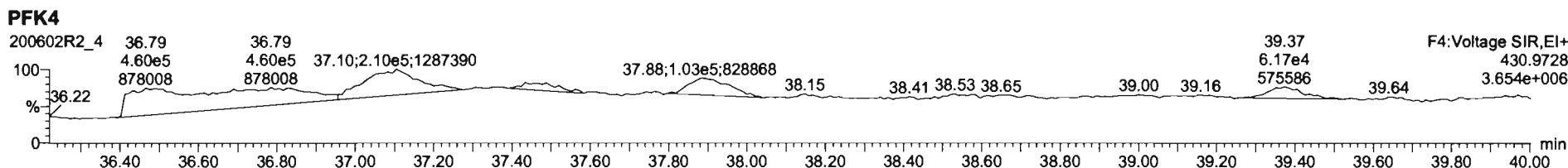
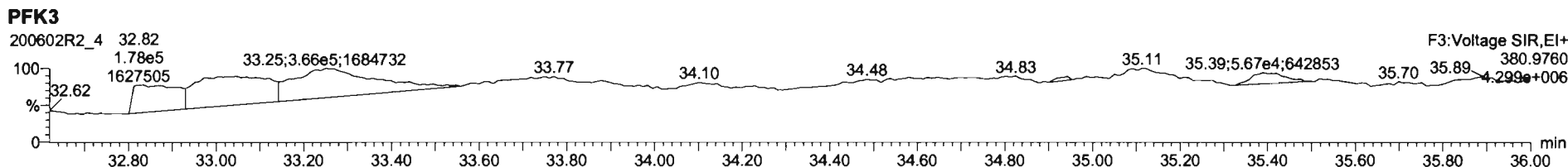
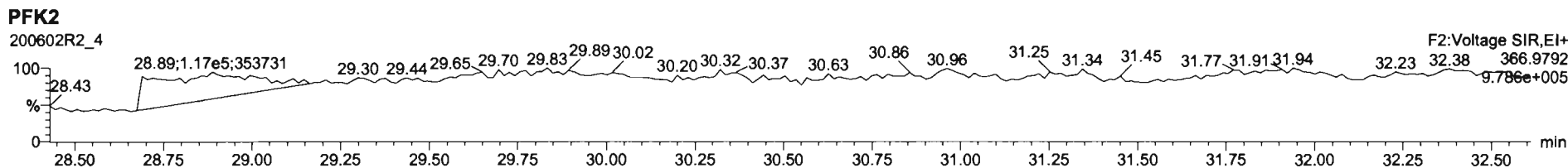
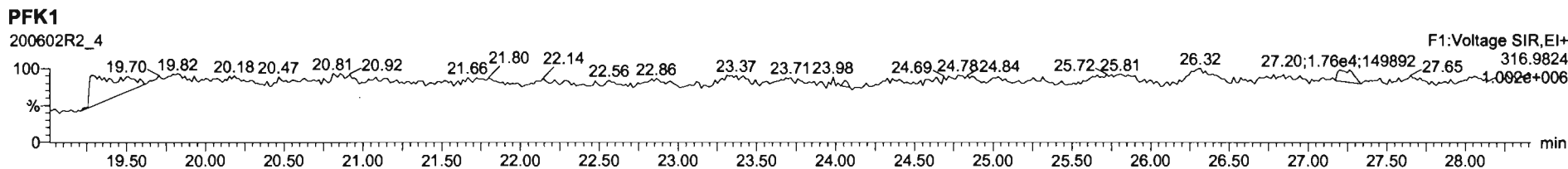
Name	RT	nt Resp	nt Resp	RA	n/y	ENPC	Conc
1							



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_4, Date: 02-Jun-2020, Time: 17:39:40, ID: B0D0160-BLK1 Method Blank 10, Description: Method Blank



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-2.qld

Last Altered: Wednesday, June 03, 2020 8:19:37 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 8:20:19 AM Pacific Daylight Time

GRB 06/03/2020

CT 06/03/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDD	4.47e4	0.73	NO	0.888	10.000	26.531	26.53	1.001	1.001	16.653		0.135	16.7
2	2 1,2,3,7,8-PeCDD	1.77e5	0.61	NO	0.908	10.000	31.488	31.48	1.001	1.000	87.887		0.147	87.9
3	3 1,2,3,4,7,8-HxCDD	1.32e5	1.25	NO	1.03	10.000	34.846	34.85	1.000	1.000	94.121		0.330	94.1
4	4 1,2,3,6,7,8-HxCDD	1.39e5	1.24	NO	0.892	10.000	34.932	34.95	1.000	1.001	88.426		0.339	88.4
5	5 1,2,3,7,8,9-HxCDD	1.23e5	1.22	NO	0.887	10.000	35.230	35.23	1.000	1.000	89.761		0.373	89.8
6	6 1,2,3,4,6,7,8-HpCDD	8.25e4	1.02	NO	0.864	10.000	38.768	38.77	1.000	1.000	90.224		0.423	90.2
7	7 OCDD	1.39e5	0.85	NO	0.914	10.000	41.716	41.73	1.000	1.000	189.77		0.600	190
8	8 2,3,7,8-TCDF	4.68e4	0.75	NO	0.751	10.000	25.641	25.65	1.001	1.001	18.081		0.108	18.1
9	9 1,2,3,7,8-PeCDF	2.39e5	1.57	NO	0.893	10.000	30.205	30.20	1.001	1.000	89.783		0.217	89.8
10	10 2,3,4,7,8-PeCDF	2.49e5	1.55	NO	0.935	10.000	31.192	31.18	1.001	1.000	89.865		0.196	89.9
11	11 1,2,3,4,7,8-HxCDF	1.40e5	1.21	NO	0.884	10.000	33.952	33.97	1.000	1.001	96.257		0.456	96.3
12	12 1,2,3,6,7,8-HxCDF	1.60e5	1.22	NO	0.889	10.000	34.079	34.09	1.000	1.001	95.144		0.457	95.1
13	13 2,3,4,6,7,8-HxCDF	1.47e5	1.18	NO	0.934	10.000	34.701	34.68	1.001	1.000	94.906		0.473	94.9
14	14 1,2,3,7,8,9-HxCDF	1.16e5	1.18	NO	0.871	10.000	35.582	35.59	1.000	1.000	96.497		0.697	96.5
15	15 1,2,3,4,6,7,8-HpCDF	9.68e4	1.01	NO	0.873	10.000	37.386	37.37	1.001	1.001	94.513		0.432	94.5
16	16 1,2,3,4,7,8,9-HpCDF	7.81e4	1.00	NO	1.01	10.000	39.299	39.31	1.000	1.000	95.152		0.452	95.2
17	17 OCDF	1.48e5	0.90	NO	0.806	10.000	41.908	41.93	1.000	1.001	190.46		0.481	190
18	18 13C-2,3,7,8-TCDD	6.05e5	0.77	NO	1.16	10.000	26.538	26.50	1.026	1.025	178.87	89.4	0.271	
19	19 13C-1,2,3,7,8-PeCDD	4.44e5	0.62	NO	0.849	10.000	31.729	31.47	1.227	1.217	179.13	89.6	0.318	
20	20 13C-1,2,3,4,7,8-HxCDD	2.71e5	1.27	NO	0.779	10.000	34.841	34.84	1.014	1.014	183.52	91.8	0.547	
21	21 13C-1,2,3,6,7,8-HxCDD	3.52e5	1.24	NO	1.02	10.000	34.955	34.93	1.017	1.017	182.32	91.2	0.419	
22	22 13C-1,2,3,7,8,9-HxCDD	3.08e5	1.22	NO	0.903	10.000	35.226	35.22	1.025	1.025	180.08	90.0	0.472	
23	23 13C-1,2,3,4,6,7,8-HpCDD	2.12e5	1.01	NO	0.689	10.000	38.751	38.76	1.128	1.128	161.92	81.0	0.478	
24	24 13C-OCDD	3.20e5	0.85	NO	0.652	10.000	41.775	41.72	1.216	1.214	258.73	64.7	0.585	
25	25 13C-2,3,7,8-TCDF	6.90e5	0.77	NO	1.06	10.000	25.578	25.61	0.989	0.991	169.14	84.6	0.392	
26	26 13C-1,2,3,7,8-PeCDF	5.97e5	1.60	NO	0.838	10.000	30.111	30.18	1.165	1.167	185.00	92.5	0.513	
27	27 13C-2,3,4,7,8-PeCDF	5.94e5	1.56	NO	0.817	10.000	31.065	31.16	1.202	1.205	188.84	94.4	0.526	
28	28 13C-1,2,3,4,7,8-HxCDF	3.29e5	0.50	NO	1.01	10.000	33.972	33.95	0.989	0.988	172.14	86.1	0.663	
29	29 13C-1,2,3,6,7,8-HxCDF	3.79e5	0.50	NO	1.17	10.000	34.096	34.07	0.992	0.992	171.20	85.6	0.572	
30	30 13C-2,3,4,6,7,8-HxCDF	3.31e5	0.50	NO	1.02	10.000	34.670	34.67	1.009	1.009	170.99	85.5	0.654	
31	31 13C-1,2,3,7,8,9-HxCDF	2.76e5	0.49	NO	0.860	10.000	35.570	35.58	1.035	1.036	169.39	84.7	0.777	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-2.qld

Last Altered: Wednesday, June 03, 2020 8:19:37 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 8:20:19 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
32	13C-1,2,3,4,6,7,8-HpCDF	2.35e5	0.41	NO	0.774	10.000	37.319	37.35	1.086	1.087	159.71	79.9	0.481	
33	13C-1,2,3,4,7,8,9-HpCDF	1.62e5	0.39	NO	0.521	10.000	39.349	39.30	1.145	1.144	163.99	82.0	0.715	
34	13C-OCDF	3.86e5	0.85	NO	0.746	10.000	41.946	41.91	1.221	1.220	272.99	68.2	0.532	
35	37Cl-2,3,7,8-TCDD	2.11e5			1.04	10.000	26.569	26.53	1.028	1.026	69.556	86.9	0.0830	
36	13C-1,2,3,4-TCDD	5.85e5	0.77	NO	1.00	10.000	25.890	25.85	1.000	1.000	200.00	100	0.314	
37	13C-1,2,3,4-TCDF	7.70e5	0.76	NO	1.00	10.000	24.360	24.18	1.000	1.000	200.00	100	0.415	
38	13C-1,2,3,4,6,9-HxCDF	3.79e5	0.50	NO	1.00	10.000	34.420	34.36	1.000	1.000	200.00	100	0.668	

Dataset: Untitled

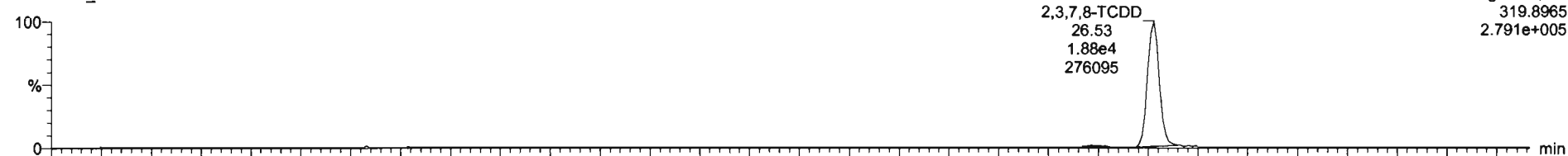
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

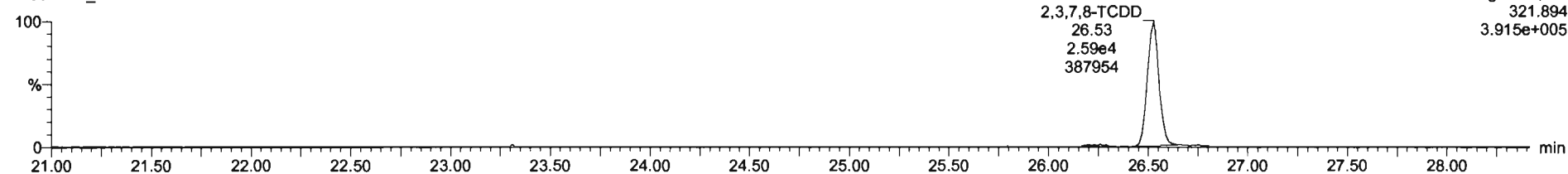
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

2,3,7,8-TCDD

200602R2_2

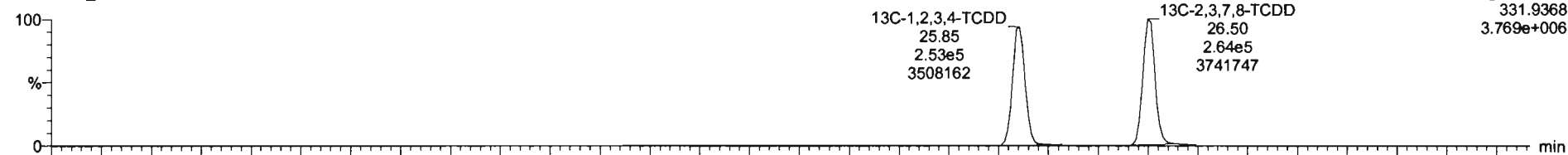


200602R2_2

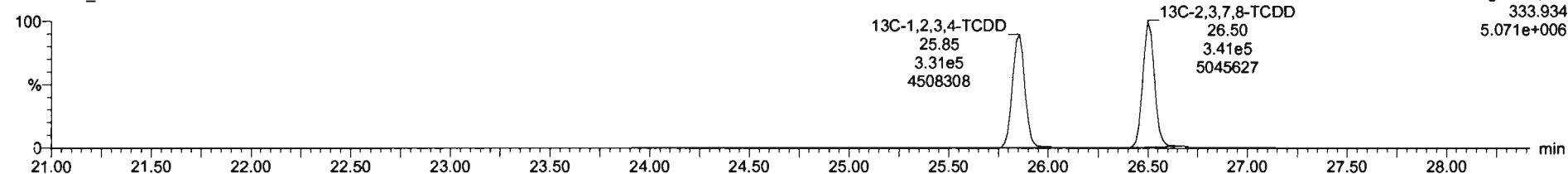


13C-2,3,7,8-TCDD

200602R2_2



200602R2_2



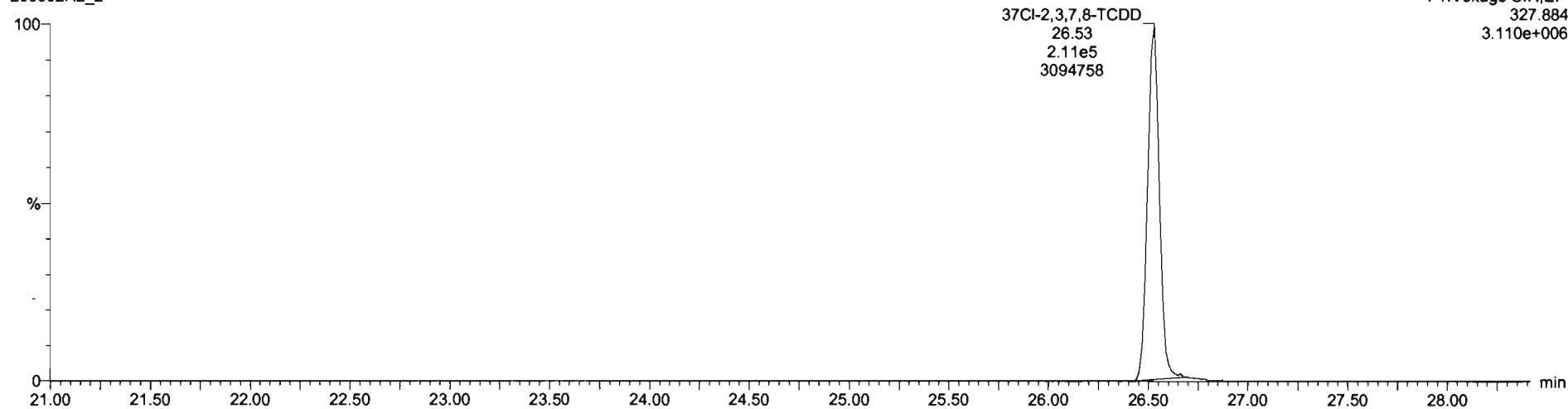
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

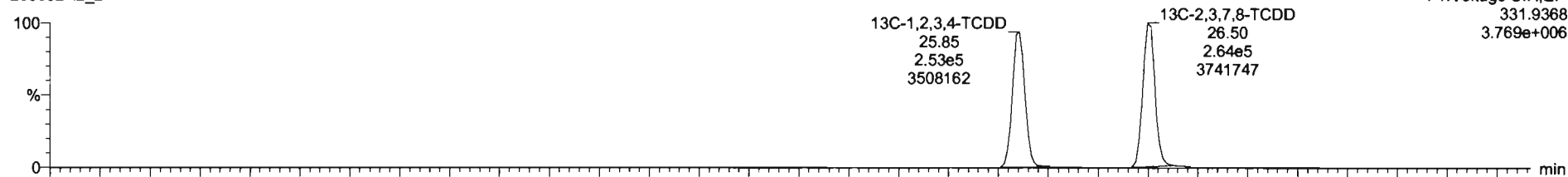
37Cl-2,3,7,8-TCDD

200602R2_2

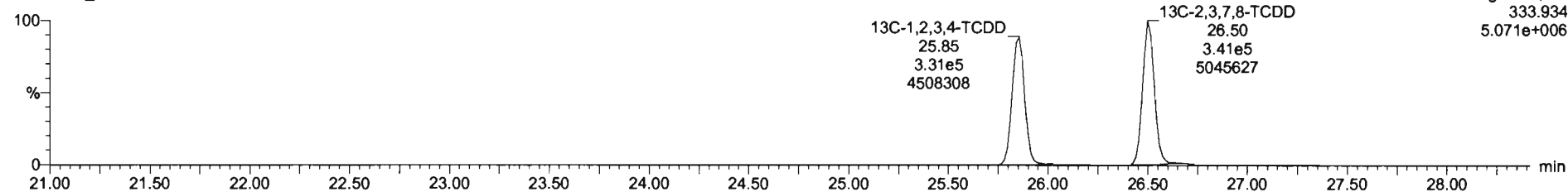


13C-1,2,3,4-TCDD

200602R2_2



200602R2_2



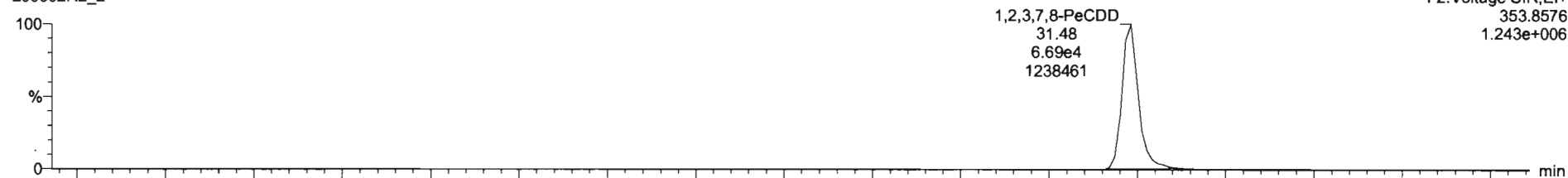
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

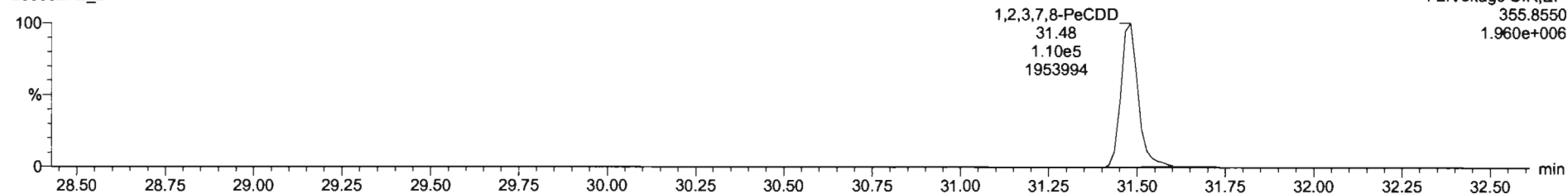
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

1,2,3,7,8-PeCDD

200602R2_2

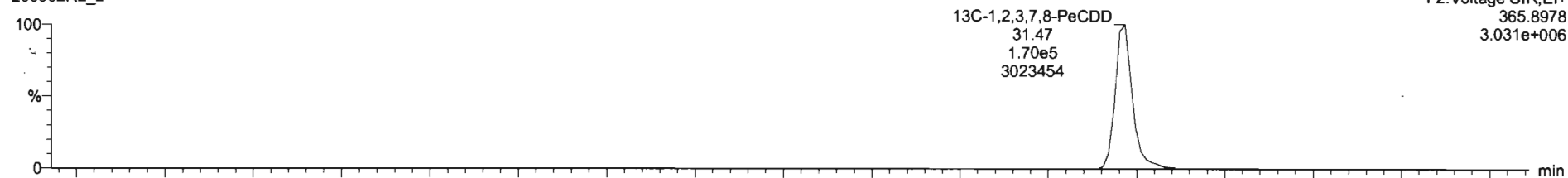


200602R2_2

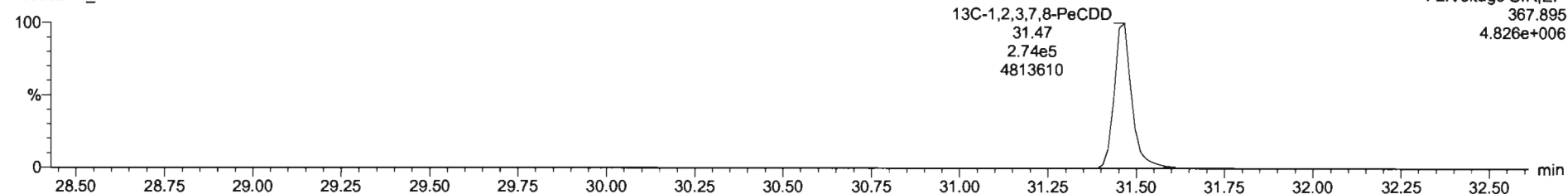


13C-1,2,3,7,8-PeCDD

200602R2_2



200602R2_2



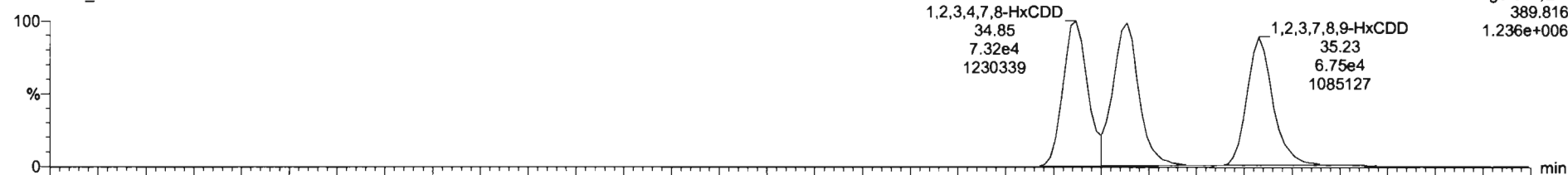
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

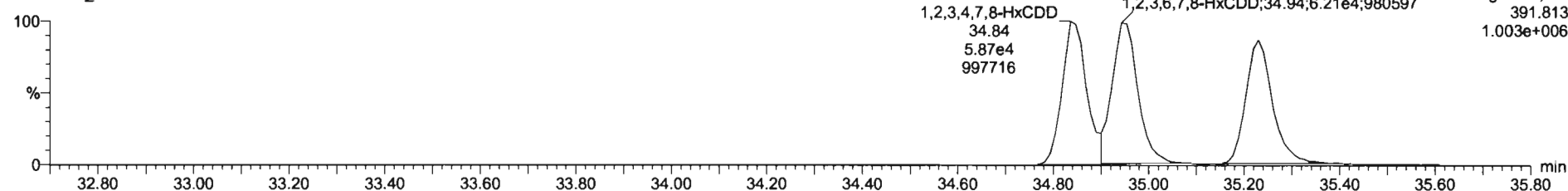
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

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

200602R2_2

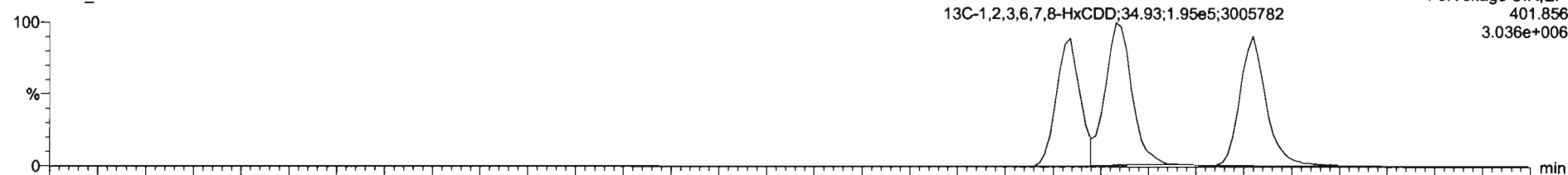


200602R2_2

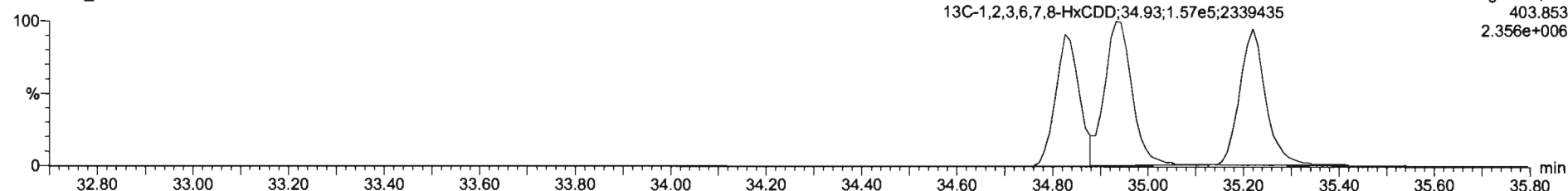


13C-1,2,3,4,7,8-HxCDD

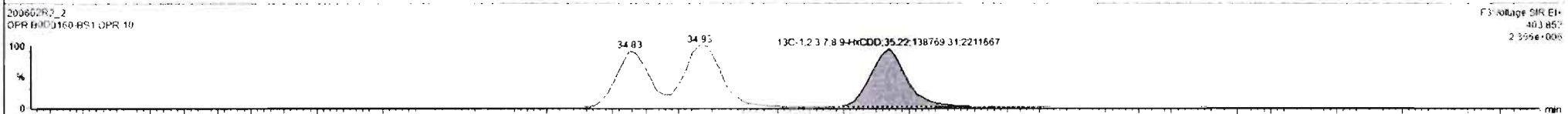
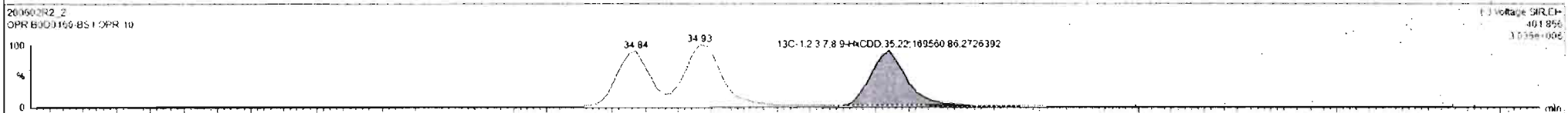
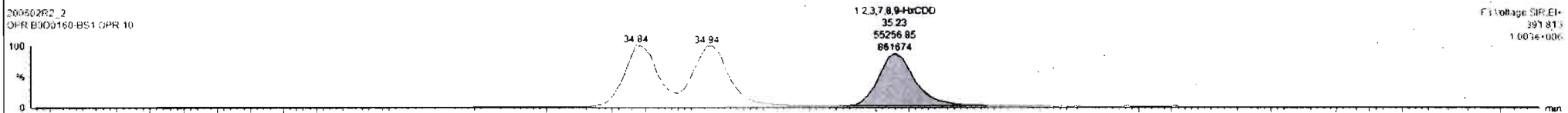
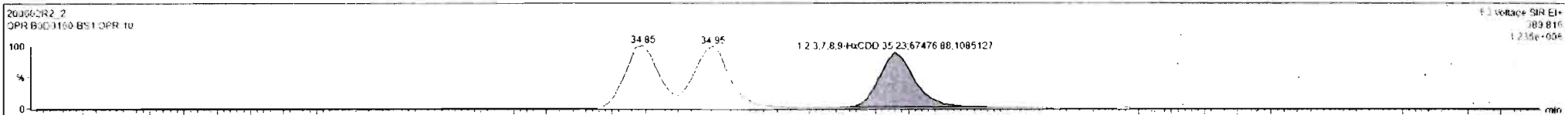
200602R2_2



200602R2_2



#	Name	Resp	RA	ntf	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	4.47e4	0.73	NO	0.8883	10.000	26.53	1.001	16.7		0.135	16.7
2	1,2,3,7,8-PeCDD	1.77e5	0.81	NO	0.9081	10.000	31.48	1.000	87.9		0.147	87.9
3	1,2,3,4,7,8-HxCDD	1.32e5	1.25	NO	1.0334	10.000	34.85	1.000	94.1		0.330	94.1
4	1,2,3,6,7,8-HxCDD	1.39e5	1.24	NO	0.8923	10.000	34.95	1.001	88.4		0.339	88.4
5	1,2,3,7,8,9-HxCDD	1.23e5	1.22	NO	0.8899	10.000	35.23	1.000	88.8		0.379	88.8
6	1,2,3,4,6,7,8-HpCDD	8.25e4	1.02	NO	0.8639	10.000	36.77	1.000	90.2		0.423	90.2
7	OCDD	1.39e5	0.85	NO	0.9136	10.000	41.73	1.000	190		0.600	190
8	2,3,7,8-TCDF	4.68e4	0.75	NO	0.7510	10.000	25.85	1.001	18.1		0.108	18.1
9	1,2,3,7,8-PeCDF	2.39e5	1.57	NO	0.8925	10.000	30.20	1.000	89.6		0.217	89.6
10	2,3,4,7,8-PeCDF	2.49e5	1.55	NO	0.9348	10.000	31.18	1.000	89.9		0.196	89.9
11	1,2,3,4,7,8-HxCDF	1.40e5	1.21	NO	0.8845	10.000	33.97	1.001	96.3		0.456	96.3
12	1,2,3,6,7,8-HxCDF	1.50e5	1.22	NO	0.8892	10.000	34.09	1.001	95.1		0.457	95.1
13	2,3,4,6,7,8-HxCDF	1.47e5	1.18	NO	0.9341	10.000	34.68	1.000	94.9		0.473	94.9
14	1,2,3,7,8,9-HxCDF	1.16e5	1.18	NO	0.8707	10.000	34.59	1.000	96.5		0.697	96.5
15	1,2,3,4,6,7,8-HpCDF	9.68e4	1.01	NO	0.8734	10.000	37.37	1.001	94.5		0.432	94.5
16	1,2,3,4,7,8,9-HpCDF	7.81e4	1.00	NO	1.0128	10.000	39.31	1.000	95.2		0.452	95.2
17	OCDF	1.48e5	0.90	NO	0.8085	10.000	41.93	1.001	190		0.481	190



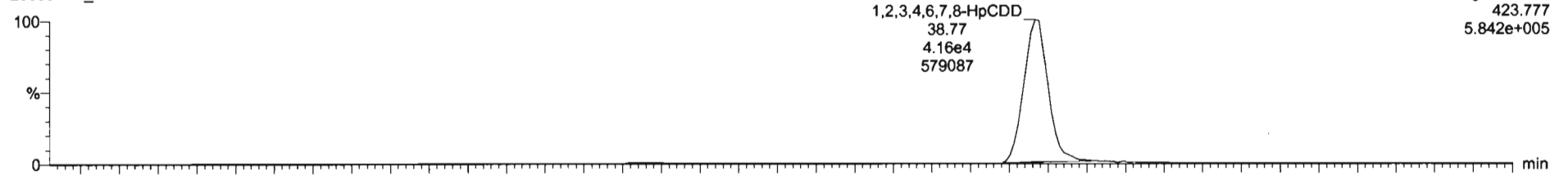
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

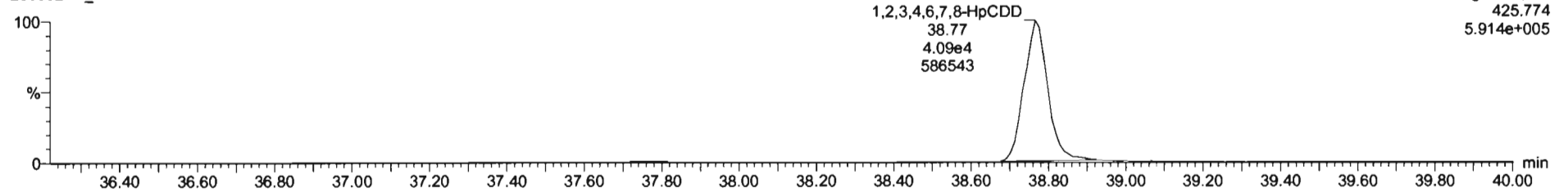
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

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

200602R2_2

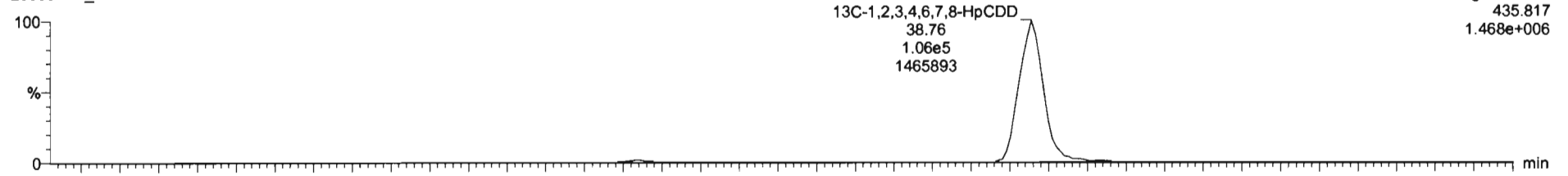


200602R2_2

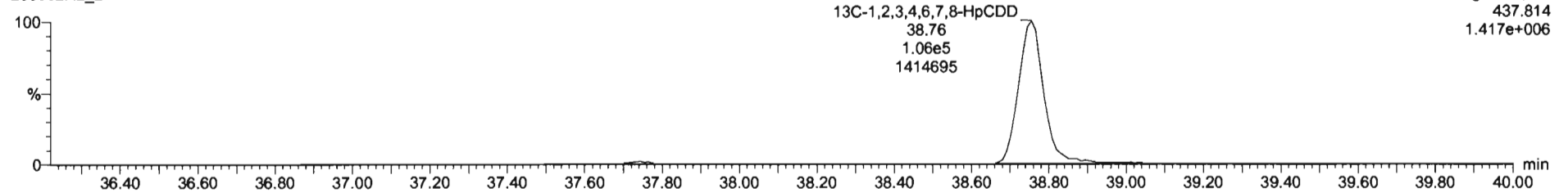


13C-1,2,3,4,6,7,8-HpCDD

200602R2_2



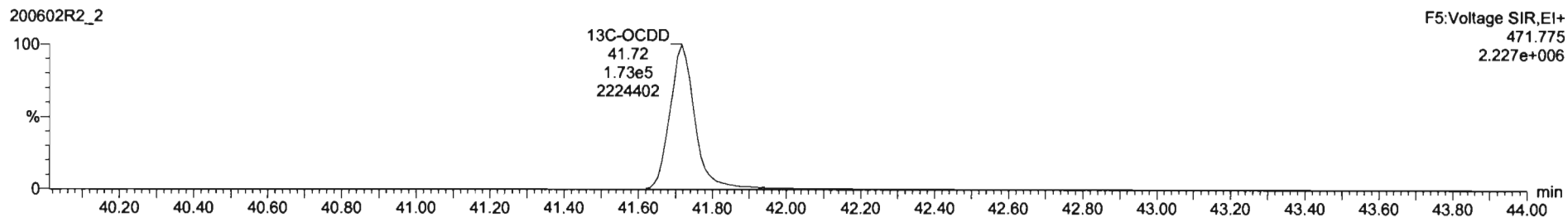
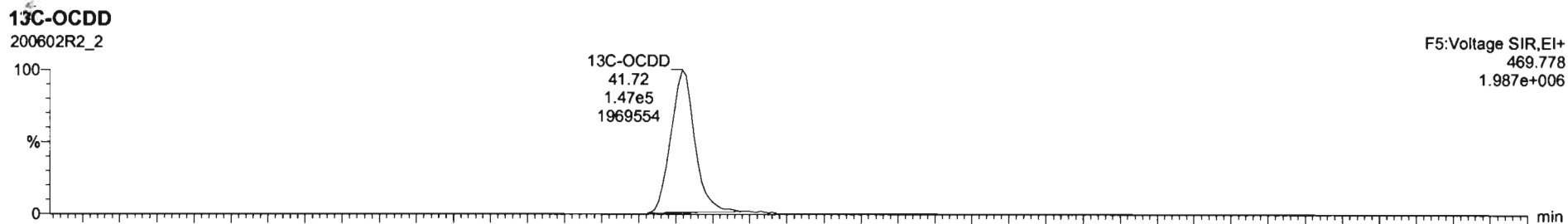
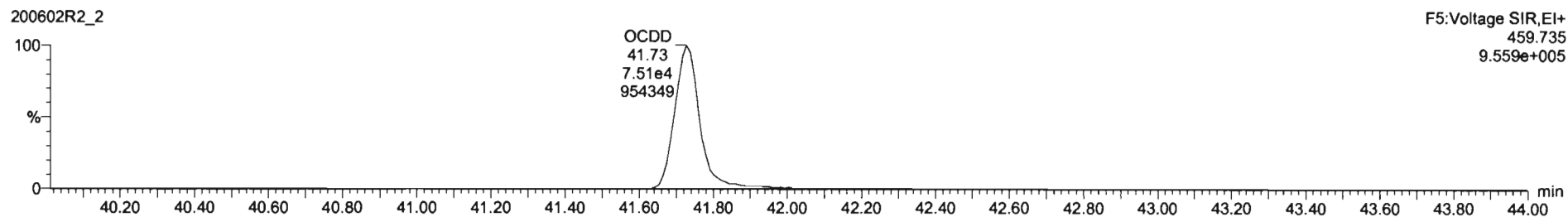
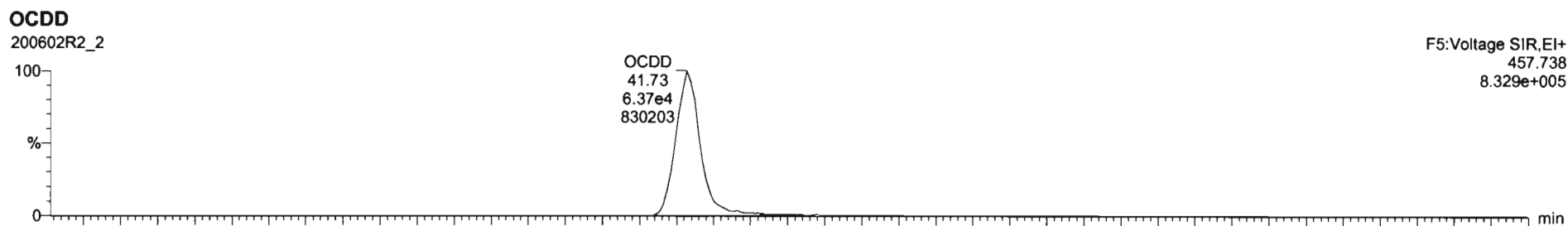
200602R2_2



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR



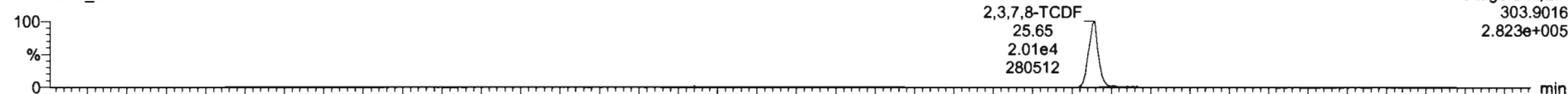
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

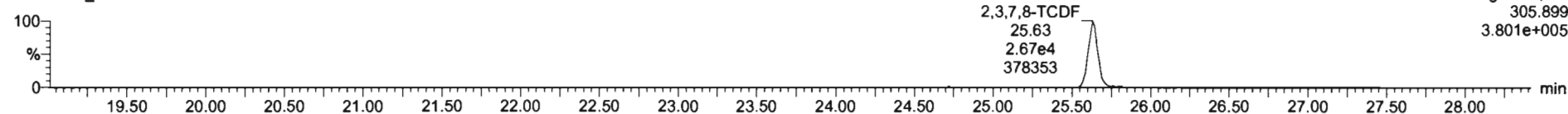
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

2,3,7,8-TCDF

200602R2_2

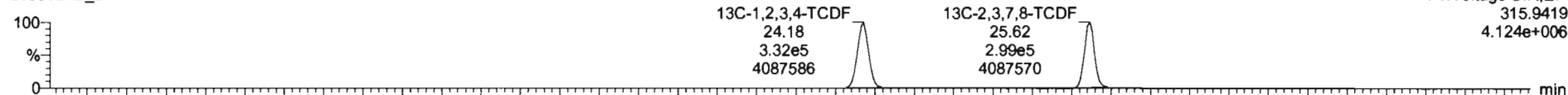


200602R2_2

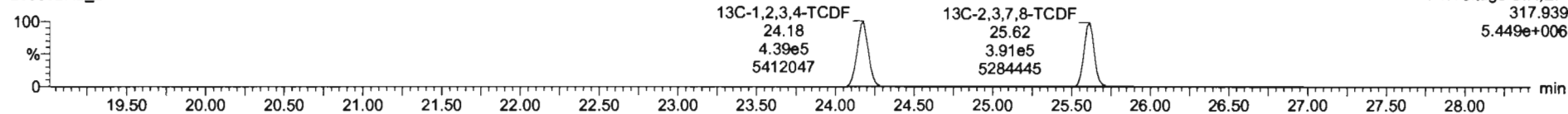


13C-2,3,7,8-TCDF

200602R2_2

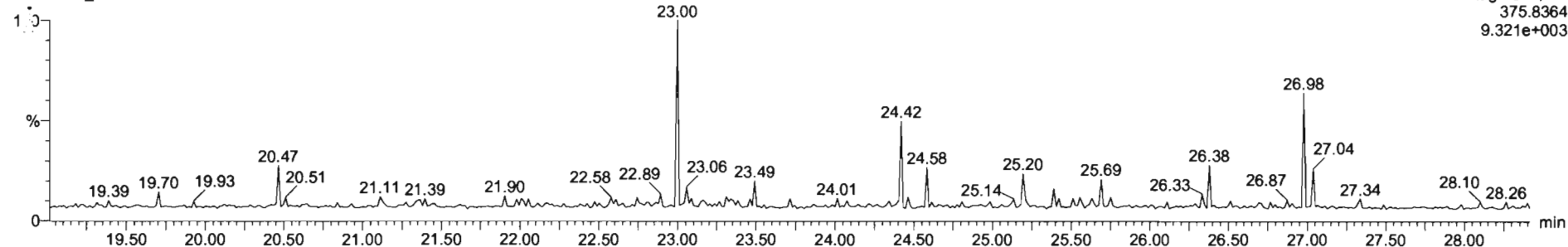


200602R2_2



DPE1

200602R2_2



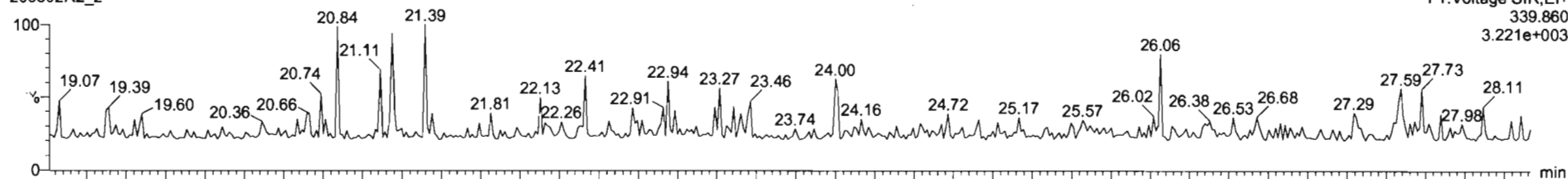
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

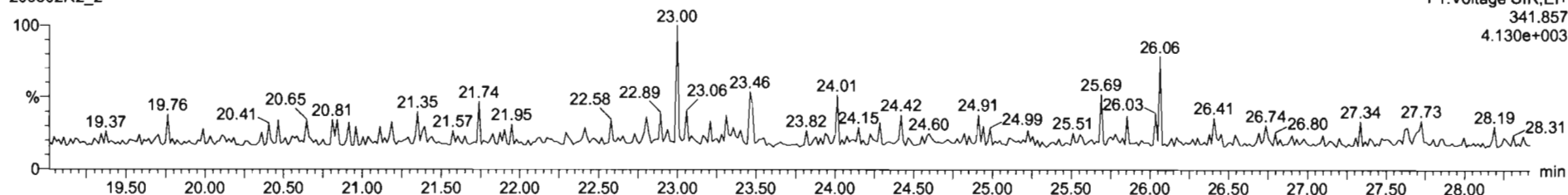
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

1st Func. Penta-Furans

200602R2_2

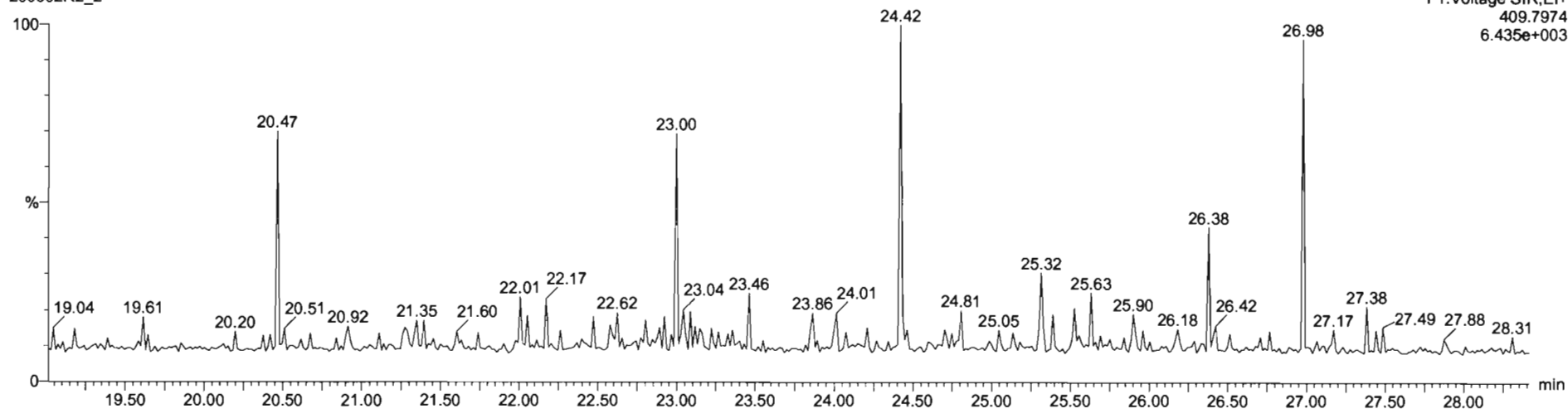


200602R2_2



DPE6

200602R2_2



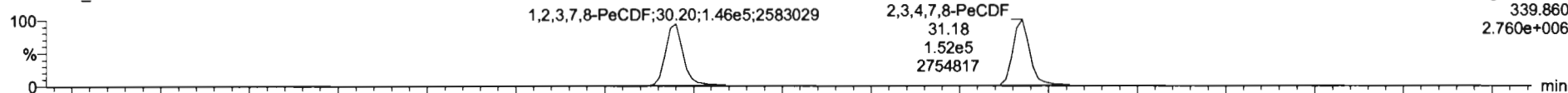
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

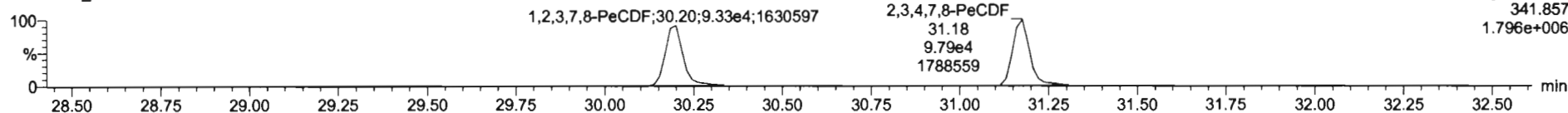
Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

1,2,3,7,8-PeCDF

200602R2_2

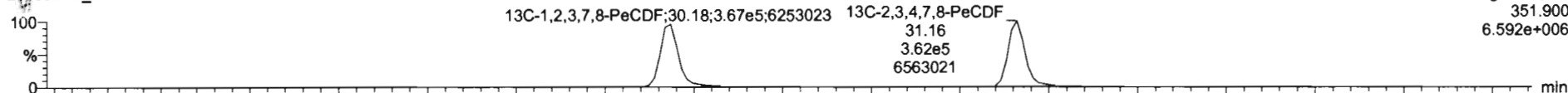


200602R2_2

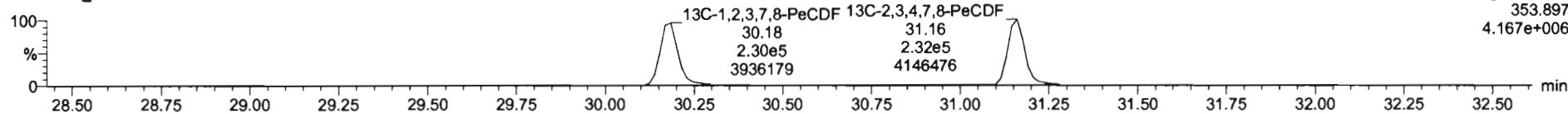


13C-1,2,3,7,8-PeCDF

200602R2_2

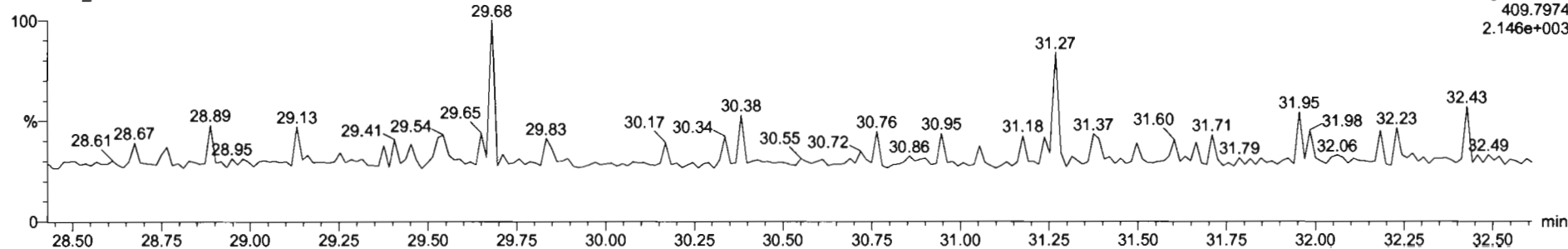


200602R2_2



DPE2

200602R2_2

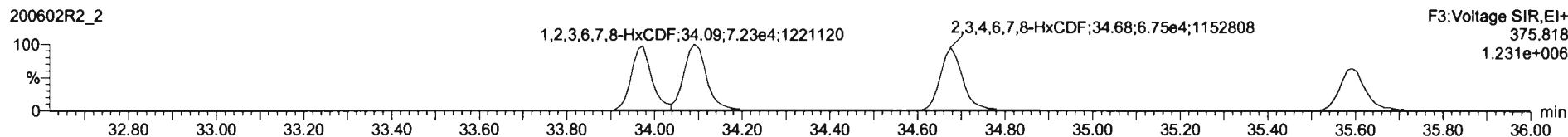
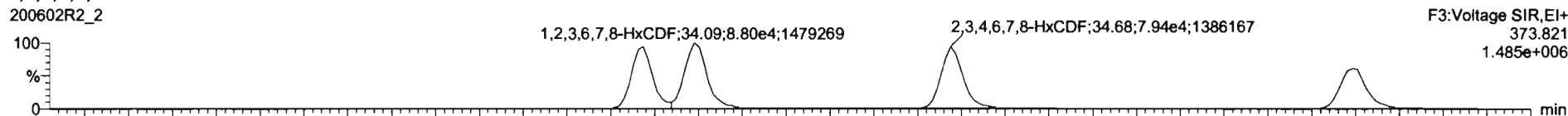


Dataset: Untitled

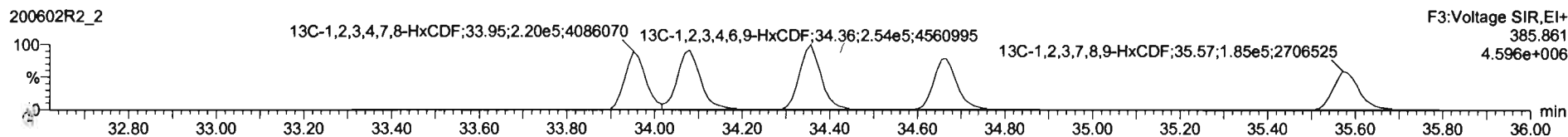
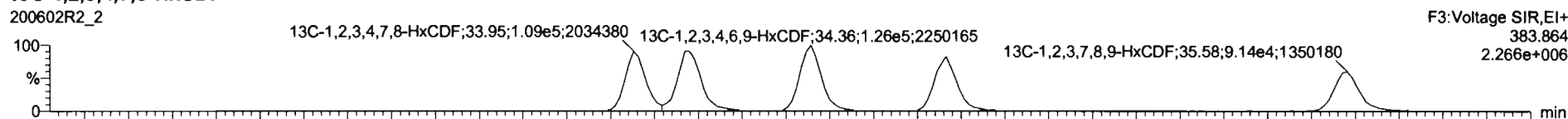
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

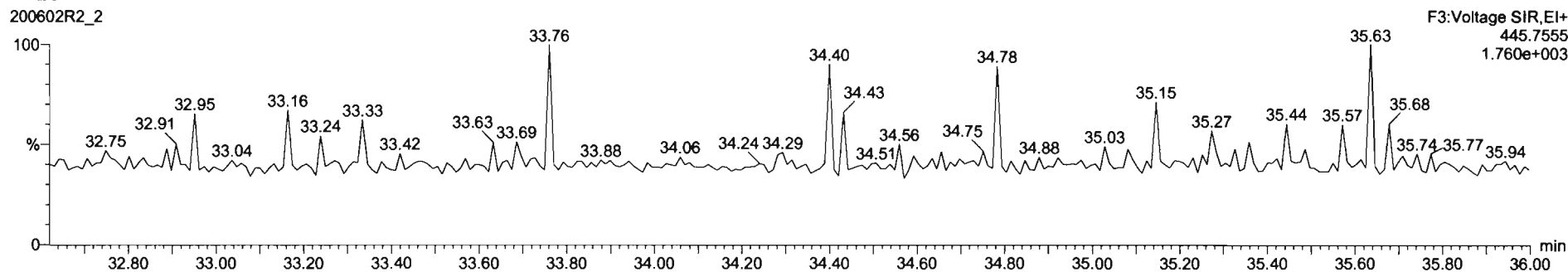
1,2,3,4,7,8-HxCDF



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



DPE3

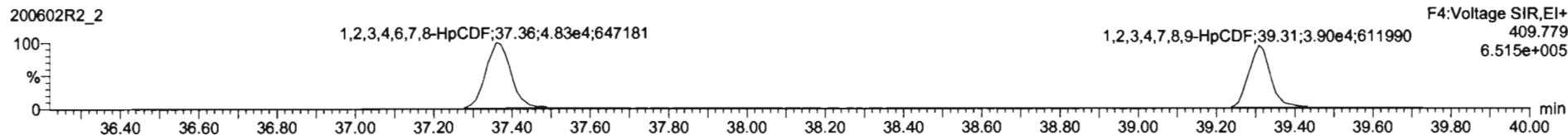


Dataset: Untitled

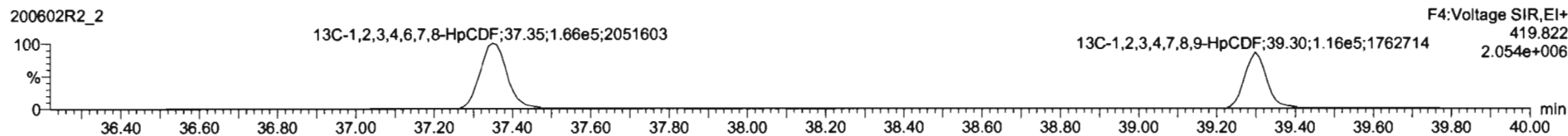
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

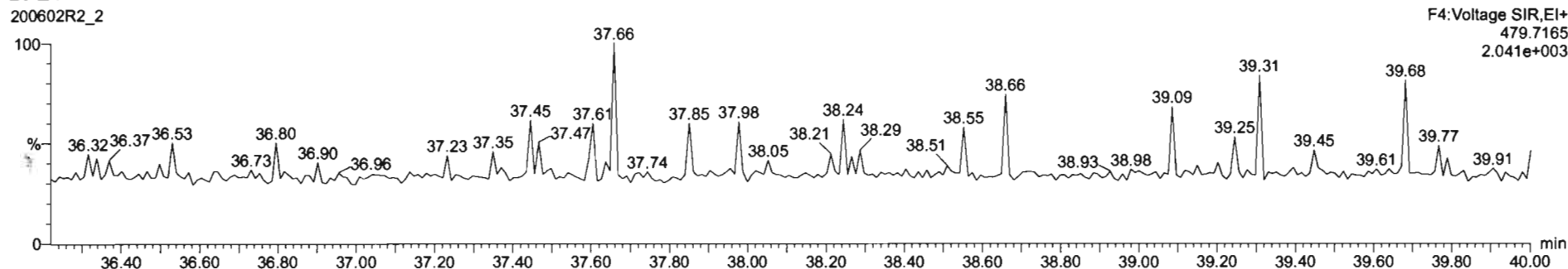
1,2,3,4,6,7,8-HpCDF



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



DPE4

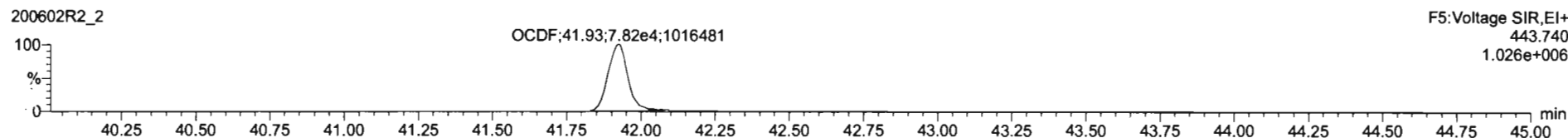
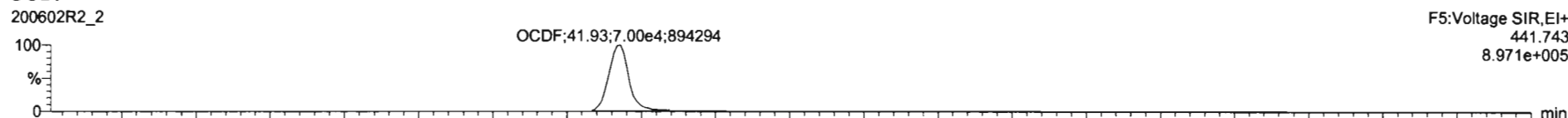


Dataset: Untitled

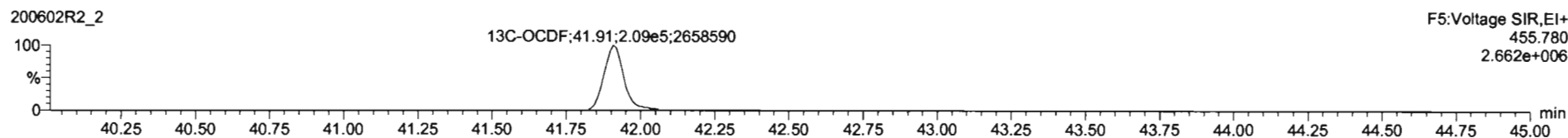
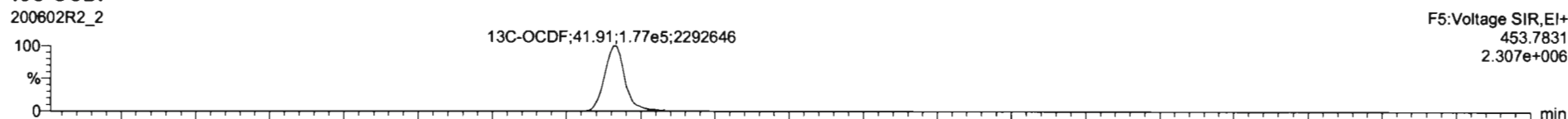
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR

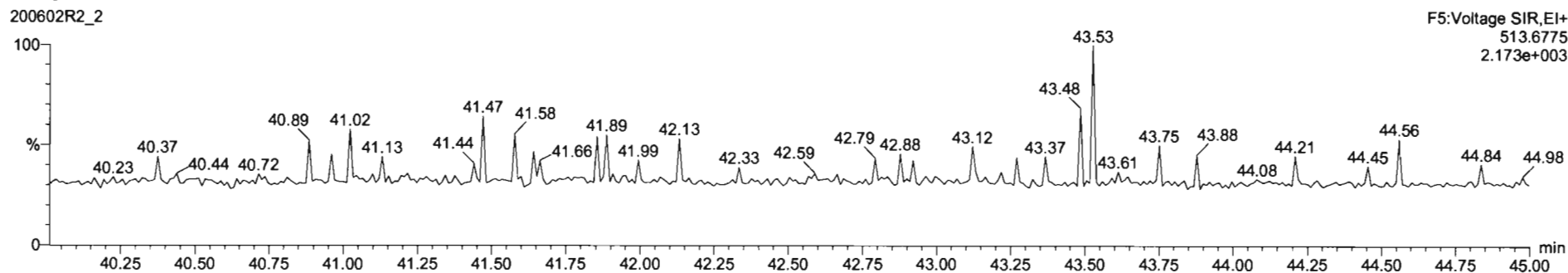
OCDF



13C-OCDF



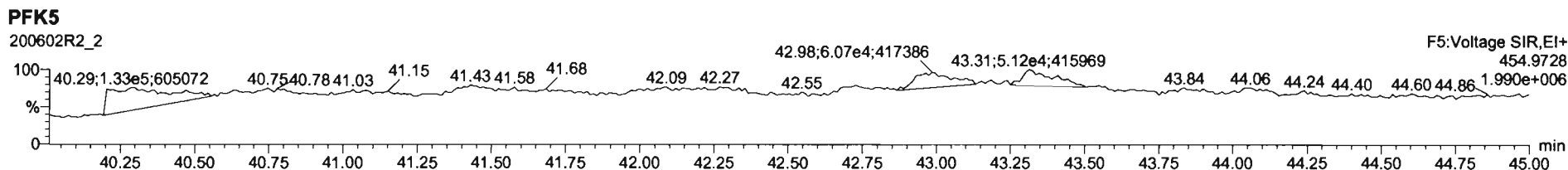
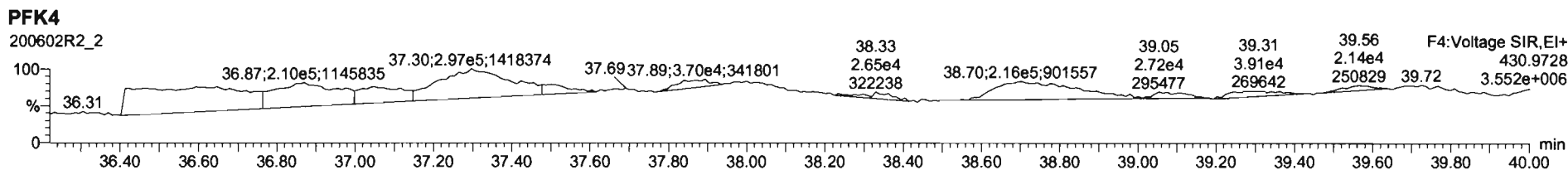
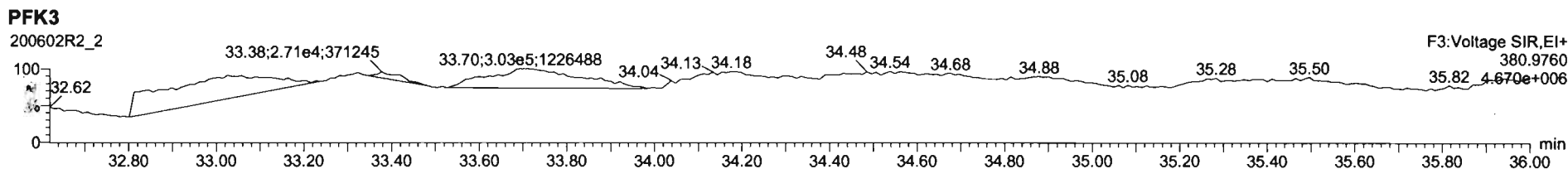
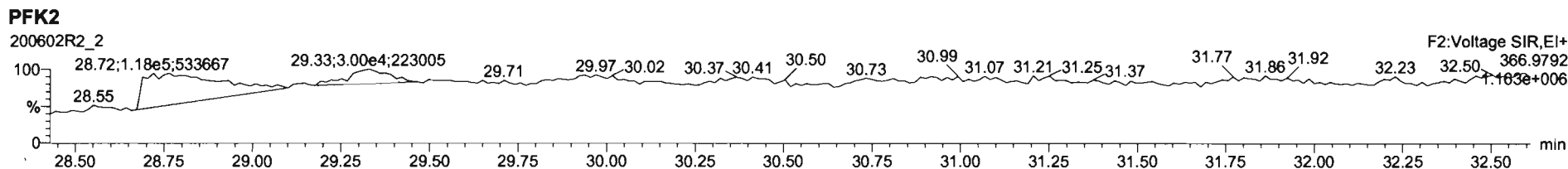
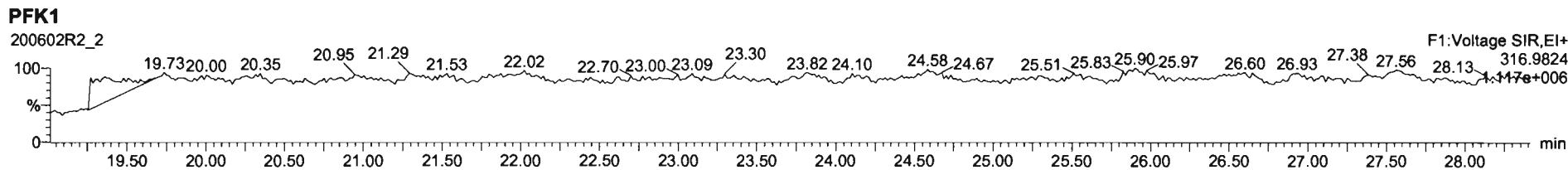
DPE5



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_2, Date: 02-Jun-2020, Time: 16:06:24, ID: B0D0160-BS1 OPR 10, Description: OPR



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

GPB 06/03/2020

C1 06/04/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Peak #	Retention Time (min)	Area	Height	Width	Integration	Response	Concentration	Reference	Reference	Reference	Reference	Reference	Reference
1	2,3,7,8-TCDD	2.23e3	0.71	NO	0.888	10.025	26.546	26.53	1.001	1.001	0.84249	0.100	0.842
2	1,2,3,7,8-PeCDD	2.49e3	0.65	NO	0.908	10.025	31.488	31.48	1.001	1.000	1.3341	0.126	1.33
3	1,2,3,4,7,8-HxCDD	1.72e3	1.19	NO	1.03	10.025	34.857	34.87	1.000	1.001	1.3326	0.403	1.33
4	1,2,3,6,7,8-HxCDD	1.10e4	1.29	NO	0.892	10.025	34.953	34.95	1.000	1.000	7.8837	0.414	7.88
5	1,2,3,7,8,9-HxCDD	4.10e3	1.29	NO	0.887	10.025	35.241	35.25	1.000	1.001	3.3441	0.486	3.34
6	1,2,3,4,6,7,8-HpCDD	2.34e5	1.04	NO	0.864	10.025	38.778	38.79	1.000	1.001	288.52	1.04	289
7	OCDD	1.21e6	0.87	NO	0.914	10.025	41.759	41.77	1.000	1.000	3882.3	2.41	3880
8	2,3,7,8-TCDF	1.95e5	0.74	NO	0.751	10.025	25.641	25.63	1.001	1.001	80.619	0.213	80.6
9	1,2,3,7,8-PeCDF	2.89e5	1.56	NO	0.893	10.025	30.205	30.20	1.001	1.001	111.95	0.357	112
10	2,3,4,7,8-PeCDF	1.29e5	1.48	NO	0.935	10.025	31.192	31.19	1.001	1.001	50.265	0.351	50.3
11	1,2,3,4,7,8-HxCDF	2.60e5	1.21	NO	0.884	10.025	33.973	33.98	1.000	1.000	190.79	0.519	191
12	1,2,3,6,7,8-HxCDF	7.82e4	1.24	NO	0.889	10.025	34.101	34.10	1.000	1.000	50.508	0.487	50.5
13	2,3,4,6,7,8-HxCDF	2.12e4	1.21	NO	0.934	10.025	34.711	34.69	1.001	1.000	15.198	0.543	15.2
14	1,2,3,7,8,9-HxCDF	2.26e4	1.26	NO	0.871	10.025	35.592	35.65	1.000	1.002	20.231	0.797	20.2
15	1,2,3,4,6,7,8-HpCDF	1.99e5	0.98	NO	0.873	10.025	37.397	37.38	1.001	1.001	214.48	0.857	214
16	1,2,3,4,7,8,9-HpCDF	2.22e4	1.01	NO	1.01	10.025	39.309	39.33	1.000	1.001	32.038	0.950	32.0
17	OCDF	1.52e5	0.84	NO	0.806	10.025	41.951	41.96	1.000	1.000	310.34	0.723	310
18	13C-2,3,7,8-TCDD	5.96e5	0.77	NO	1.16	10.025	26.538	26.51	1.026	1.025	187.73	94.1	0.258
19	13C-1,2,3,7,8-PeCDD	4.10e5	0.62	NO	0.849	10.025	31.729	31.47	1.227	1.217	176.20	88.3	0.406
20	13C-1,2,3,4,7,8-HxCDD	2.50e5	1.23	NO	0.779	10.025	34.853	34.85	1.014	1.014	185.24	92.9	0.512
21	13C-1,2,3,6,7,8-HxCDD	3.13e5	1.22	NO	1.02	10.025	34.966	34.95	1.017	1.017	178.02	89.2	0.392
22	13C-1,2,3,7,8,9-HxCDD	2.76e5	1.25	NO	0.903	10.025	35.238	35.23	1.025	1.025	176.37	88.4	0.442
23	13C-1,2,3,4,6,7,8-HpCDD	1.88e5	1.03	NO	0.689	10.025	38.764	38.77	1.128	1.128	157.23	78.8	0.533
24	13C-OCDD	1.37e5	0.83	NO	0.652	10.025	41.788	41.76	1.216	1.215	121.56	30.5	0.376
25	13C-2,3,7,8-TCDF	6.43e5	0.75	NO	1.06	10.025	25.578	25.61	0.989	0.991	168.55	84.5	0.376
26	13C-1,2,3,7,8-PeCDF	5.77e5	1.57	NO	0.838	10.025	30.111	30.18	1.165	1.167	191.09	95.8	0.504
27	13C-2,3,4,7,8-PeCDF	5.49e5	1.55	NO	0.817	10.025	31.065	31.16	1.202	1.205	186.63	93.5	0.517
28	13C-1,2,3,4,7,8-HxCDF	3.07e5	0.49	NO	1.01	10.025	33.983	33.97	0.989	0.989	176.24	88.3	0.798
29	13C-1,2,3,6,7,8-HxCDF	3.48e5	0.49	NO	1.17	10.025	34.107	34.09	0.992	0.992	172.08	86.3	0.689
30	13C-2,3,4,6,7,8-HxCDF	2.99e5	0.48	NO	1.02	10.025	34.681	34.68	1.009	1.009	168.82	84.6	0.787
31	13C-1,2,3,7,8,9-HxCDF	2.58e5	0.50	NO	0.860	10.025	35.581	35.59	1.035	1.036	172.35	86.4	0.936

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Sample No.	Compound Name	Concentration	Recovery	Method	RF	RF ₂	RF ₃	RF ₄	RF ₅	RF ₆	RF ₇	RF ₈	RF ₉	RF ₁₀
32	13C-1,2,3,4,6,7,8-HpCDF	2.12e5	0.43	NO	0.774	10.025	37.331	37.36	1.086	1.087	157.94	79.2	0.528	
33	13C-1,2,3,4,7,8,9-HpCDF	1.36e5	0.40	NO	0.521	10.025	39.362	39.31	1.145	1.144	151.22	75.8	0.785	
34	13C-OCDF	2.42e5	0.88	NO	0.746	10.025	41.960	41.95	1.221	1.221	187.35	47.0	0.493	
35	37Cl-2,3,7,8-TCDD	2.06e5			1.04	10.025	26.569	26.53	1.028	1.028	72.328	90.6	0.0908	
36	13C-1,2,3,4-TCDD	5.47e5	0.78	NO	1.00	10.025	25.890	25.85	1.000	1.000	199.50	100	0.299	
37	13C-1,2,3,4-TCDF	7.19e5	0.77	NO	1.00	10.025	24.360	24.18	1.000	1.000	199.50	100	0.398	
38	13C-1,2,3,4,6,9-HxCDF	3.45e5	0.50	NO	1.00	10.025	34.420	34.37	1.000	1.000	199.50	100	0.804	
39	Total Tetra-Dioxins				0.888	10.025	24.620		0.000		13.474		0.100	13.7
40	Total Penta-Dioxins				0.908	10.025	29.960		0.000		14.328		0.126	19.1
41	Total Hexa-Dioxins				0.892	10.025	33.635		0.000		95.521		0.453	95.5
42	Total Hepta-Dioxins				0.864	10.025	37.640		0.000		788.65		1.04	789
43	Total Tetra-Furans				0.751	10.025	23.610		0.000		306.59		0.213	307
44	1st Func. Penta-Furans				0.893	10.025	27.580		0.000		102.23		0.0414	102
45	Total Penta-Furans				0.893	10.025	29.275		0.000		326.31		0.362	338
46	Total Hexa-Furans				0.934	10.025	33.555		0.000		440.95		0.549	441
47	Total Hepta-Furans				0.873	10.025	37.835		0.000		551.91		0.953	552

P

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
 Calibration: U:\VG12.PRO\CurveDB\ldb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Tetra-Dioxins

Total Tetra-Dioxins	22.52	8.298e4	1.075e5	8.028e3	1.040e4	0.77	NO	1.843e4	6.9495	6.9495	0.100
Total Tetra-Dioxins	22.98	1.343e4	1.535e4	1.262e3	1.560e3	0.81	NO	2.822e3	1.0640	1.0640	0.100
Total Tetra-Dioxins	23.44	8.091e3	9.557e3	5.712e2	6.809e2	0.84	NO	1.252e3	0.47212	0.47212	0.100
Total Tetra-Dioxins	24.36	5.716e3	6.568e3	4.358e2	5.128e2	0.85	NO	9.485e2	0.35764	0.35764	0.100
Total Tetra-Dioxins	24.61	1.123e4	1.230e4	9.006e2	1.158e3	0.78	NO	2.059e3	0.77640	0.77640	0.100
Total Tetra-Dioxins	24.84	1.268e4	1.336e4	9.161e2	1.136e3	0.81	NO	2.052e3	0.77371	0.77371	0.100
Total Tetra-Dioxins	25.05	4.099e3	8.679e3	3.352e2	4.808e2	0.70	NO	8.160e2	0.30768	0.30768	0.100
Total Tetra-Dioxins	25.30	4.608e3	3.557e3	2.187e2	2.696e2	0.81	NO	4.883e2	0.18412	0.18412	0.100
Total Tetra-Dioxins	25.45	5.728e3	8.228e3	3.443e2	5.005e2	0.69	NO	8.448e2	0.31854	0.31854	0.100
Total Tetra-Dioxins	25.84	3.427e3	3.899e3	2.965e2	3.308e2	0.90	YES	0.000e0	0.00000	0.22079	0.100
Total Tetra-Dioxins	26.26	1.485e4	1.929e4	1.198e3	1.510e3	0.79	NO	2.709e3	1.0213	1.0213	0.100
Total Tetra-Dioxins	26.35	1.873e3	2.315e3	1.008e2	1.218e2	0.83	NO	2.226e2	0.083938	0.083938	0.100
2,3,7,8-TCDD	26.53	1.468e4	1.926e4	9.281e2	1.308e3	0.71	NO	2.234e3	0.84249	0.84249	0.100
Total Tetra-Dioxins	26.84	4.985e3	8.006e3	3.906e2	4.644e2	0.84	NO	8.551e2	0.32241	0.32241	0.100

Penta-Dioxins

Total Penta-Dioxins	29.25	5.760e4	9.045e4	4.577e3	7.499e3	0.61	NO	1.208e4	6.4643	6.4643	0.126
Total Penta-Dioxins	29.74	1.088e4	2.792e4	6.709e2	1.267e3	0.53	YES	0.000e0	0.00000	0.92913	0.126
Total Penta-Dioxins	30.25	6.956e4	8.975e4	3.770e3	5.411e3	0.70	NO	9.181e3	4.9148	4.9148	0.126
Total Penta-Dioxins	30.41	2.335e4	3.463e4	1.337e3	1.824e3	0.73	YES	0.000e0	0.00000	1.5919	0.126
Total Penta-Dioxins	30.50	1.818e4	2.660e4	8.295e2	1.252e3	0.66	NO	2.082e3	1.1143	1.1143	0.126
Total Penta-Dioxins	30.73	1.511e4	2.950e4	9.012e2	1.159e3	0.78	YES	0.000e0	0.00000	1.0114	0.126
Total Penta-Dioxins	30.76	1.335e4	2.826e4	4.286e2	1.056e3	0.41	YES	0.000e0	0.00000	0.59364	0.126
Total Penta-Dioxins	31.04	3.929e3	7.017e3	2.099e2	5.058e2	0.41	YES	0.000e0	0.00000	0.29068	0.126
1,2,3,7,8-PeCDD	31.48	1.841e4	3.421e4	9.793e2	1.513e3	0.65	NO	2.492e3	1.3341	1.3341	0.126
Total Penta-Dioxins	31.57	8.254e3	8.910e3	3.411e2	4.161e2	0.82	YES	0.000e0	0.00000	0.36309	0.126
Total Penta-Dioxins	31.86	6.826e3	1.013e4	3.527e2	5.828e2	0.61	NO	9.355e2	0.50078	0.50078	0.126

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Hexa-Dioxins

Total Hexa-Dioxins	33.36	5.352e5	4.395e5	2.719e4	2.210e4	1.23	NO	4.929e4	39.432	39.432	0.453
Total Hexa-Dioxins	33.91	6.211e4	4.944e4	3.145e3	2.849e3	1.10	NO	5.994e3	4.7948	4.7948	0.453
Total Hexa-Dioxins	34.18	3.563e5	3.000e5	2.421e4	2.007e4	1.21	NO	4.428e4	35.425	35.425	0.453
Total Hexa-Dioxins	34.28	2.313e4	2.050e4	1.419e3	1.118e3	1.27	NO	2.537e3	2.0297	2.0297	0.453
1,2,3,4,7,8-HxCDD	34.87	1.722e4	1.423e4	9.368e2	7.871e2	1.19	NO	1.724e3	1.3326	1.3326	0.403
1,2,3,6,7,8-HxCDD	34.95	9.260e4	8.683e4	6.229e3	4.815e3	1.29	NO	1.104e4	7.8837	7.8837	0.414
Total Hexa-Dioxins	35.16	1.928e4	1.164e4	9.302e2	6.680e2	1.39	NO	1.598e3	1.2785	1.2785	0.453
1,2,3,7,8,9-HxCDD	35.25	3.344e4	2.936e4	2.306e3	1.790e3	1.29	NO	4.096e3	3.3441	3.3441	0.486

Hepta-Dioxins

Total Hepta-Dioxins	37.78	2.750e6	2.693e6	2.040e5	2.022e5	1.01	NO	4.061e5	500.14	500.14	1.04
1,2,3,4,6,7,8-HpCDD	38.79	1.696e6	1.643e6	1.195e5	1.148e5	1.04	NO	2.343e5	288.52	288.52	1.04

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Tetra-Furans

Total Tetra-Furans	20.38	3.757e4	4.269e4	2.598e3	3.185e3	0.82	NO	5.783e3	2.3895	2.3895	0.213
Total Tetra-Furans	20.92	3.414e4	4.791e4	3.000e3	3.898e3	0.77	NO	6.898e3	2.8500	2.8500	0.213
Total Tetra-Furans	21.51	6.306e5	8.329e5	5.600e4	7.478e4	0.75	NO	1.308e5	54.035	54.035	0.213
Total Tetra-Furans	21.98	1.531e4	2.026e4	1.128e3	1.469e3	0.77	NO	2.597e3	1.0731	1.0731	0.213
Total Tetra-Furans	22.08	2.931e4	3.674e4	3.518e3	4.714e3	0.75	NO	8.232e3	3.4014	3.4014	0.213
Total Tetra-Furans	22.38	1.616e4	2.258e4	6.216e2	7.521e2	0.83	NO	1.374e3	0.56761	0.56761	0.213
Total Tetra-Furans	22.49	2.021e5	2.866e5	2.034e4	2.750e4	0.74	NO	4.783e4	19.764	19.764	0.213
Total Tetra-Furans	22.98	1.288e5	1.787e5	1.231e4	1.688e4	0.73	NO	2.919e4	12.061	12.061	0.213
Total Tetra-Furans	23.16	7.872e3	1.344e4	6.827e2	9.889e2	0.69	NO	1.672e3	0.69065	0.69065	0.213
Total Tetra-Furans	23.37	3.647e4	4.827e4	3.404e3	4.603e3	0.74	NO	8.007e3	3.3085	3.3085	0.213
Total Tetra-Furans	23.81	8.375e3	1.091e4	6.681e2	9.761e2	0.68	NO	1.644e3	0.67933	0.67933	0.213
Total Tetra-Furans	23.92	1.255e4	1.700e4	9.958e2	1.428e3	0.70	NO	2.424e3	1.0014	1.0014	0.213
Total Tetra-Furans	24.09	1.272e5	1.757e5	1.094e4	1.462e4	0.75	NO	2.556e4	10.562	10.562	0.213
Total Tetra-Furans	24.19	9.926e4	1.393e5	8.048e3	1.094e4	0.74	NO	1.898e4	7.8427	7.8427	0.213
Total Tetra-Furans	24.70	1.031e6	1.375e6	8.082e4	1.094e5	0.74	NO	1.903e5	78.611	78.611	0.213
Total Tetra-Furans	24.99	3.206e4	4.190e4	2.415e3	3.241e3	0.75	NO	5.657e3	2.3372	2.3372	0.213
Total Tetra-Furans	25.41	1.387e4	1.625e4	9.197e2	1.112e3	0.83	NO	2.032e3	0.83960	0.83960	0.213
Total Tetra-Furans	25.53	1.273e5	1.502e5	6.994e3	9.680e3	0.72	NO	1.667e4	6.8894	6.8894	0.213
2,3,7,8-TCDF	25.63	1.113e6	1.519e6	8.315e4	1.120e5	0.74	NO	1.951e5	80.619	80.619	0.213
Total Tetra-Furans	26.00	5.401e4	6.748e4	3.748e3	5.245e3	0.71	NO	8.993e3	3.7156	3.7156	0.213
Total Tetra-Furans	26.27	8.622e3	1.047e4	5.792e2	8.273e2	0.70	NO	1.406e3	0.58113	0.58113	0.213
Total Tetra-Furans	27.17	8.026e3	1.187e4	5.504e2	6.718e2	0.82	NO	1.222e3	0.50495	0.50495	0.213
Total Tetra-Furans	27.35	1.165e4	1.962e4	8.027e2	9.657e2	0.83	NO	1.768e3	0.73066	0.73066	0.213
Total Tetra-Furans	27.64	1.940e5	2.406e5	1.269e4	1.523e4	0.83	NO	2.791e4	11.534	11.534	0.213

P
P

Penta-Furans function 1

1st Func. Penta-Furans	27.62	2.598e6	1.656e6	1.573e5	1.001e5	1.57	NO	2.574e5	102.23	102.23	0.0414
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Penta-Furans

	Retention Time (min)	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area
Total Penta-Furans	29.07	6.734e4	4.201e4	3.644e3	2.614e3	1.39	NO	6.258e3	2.4850	2.4850	0.362
Total Penta-Furans	29.21	1.890e6	1.249e6	1.198e5	7.714e4	1.55	NO	1.969e5	78.204	78.204	0.362
Total Penta-Furans	29.28	1.067e5	6.154e4	3.310e3	2.190e3	1.51	NO	5.500e3	2.1843	2.1843	0.362
Total Penta-Furans	29.80	2.583e5	1.632e5	1.550e4	9.694e3	1.60	NO	0.000e0	0.00000	10.003	0.362
Total Penta-Furans	29.85	5.827e4	2.763e4	1.988e3	1.151e3	1.73	NO	0.000e0	0.00000	1.2466	0.362
Total Penta-Furans	30.02	3.613e5	2.409e5	2.003e4	1.346e4	1.49	NO	3.348e4	13.297	13.297	0.362
1,2,3,7,8-PeCDF	30.20	3.301e6	2.077e6	1.760e5	1.129e5	1.56	NO	2.889e5	111.95	111.95	0.357
Total Penta-Furans	30.29	6.582e4	3.985e4	2.209e3	1.572e3	1.40	NO	3.781e3	1.5014	1.5014	0.362
Total Penta-Furans	30.46	1.228e6	7.396e5	6.733e4	4.259e4	1.58	NO	1.099e5	43.648	43.648	0.362
Total Penta-Furans	31.07	2.945e4	1.455e4	1.064e3	6.038e2	1.76	NO	1.668e3	0.66243	0.66243	0.362
2,3,4,7,8-PeCDF	31.19	1.510e6	1.037e6	7.722e4	5.206e4	1.48	NO	1.293e5	50.265	50.265	0.351
Total Penta-Furans	31.21	1.152e6	7.462e5	3.012e4	1.868e4	1.61	NO	4.880e4	19.380	19.380	0.362
Total Penta-Furans	32.12	8.640e4	5.036e4	4.220e3	2.647e3	1.59	NO	6.866e3	2.7267	2.7267	0.362

Hexa-Furans

	Retention Time (min)	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area
Total Hexa-Furans	32.80	2.904e5	2.384e5	1.408e4	1.223e4	1.15	NO	2.631e4	18.577	18.577	0.549
Total Hexa-Furans	32.97	9.003e5	7.707e5	4.531e4	3.774e4	1.20	NO	8.304e4	58.641	58.641	0.549
Total Hexa-Furans	33.32	1.674e4	1.506e4	9.132e2	7.780e2	1.17	NO	1.691e3	1.1943	1.1943	0.549
Total Hexa-Furans	33.51	1.242e6	9.795e5	5.850e4	4.748e4	1.23	NO	1.060e5	74.846	74.846	0.549
Total Hexa-Furans	33.89	3.683e4	2.982e4	1.674e3	1.366e3	1.23	NO	3.040e3	2.1470	2.1470	0.549
1,2,3,4,7,8-HxCDF	33.98	2.705e6	2.194e6	1.422e5	1.177e5	1.21	NO	2.599e5	190.79	190.79	0.519
1,2,3,6,7,8-HxCDF	34.10	7.303e5	5.939e5	4.332e4	3.491e4	1.24	NO	7.824e4	50.508	50.508	0.487
Total Hexa-Furans	34.21	2.177e4	1.842e4	1.597e3	1.252e3	1.28	NO	2.849e3	2.0118	2.0118	0.549
Total Hexa-Furans	34.38	2.529e4	2.017e4	1.459e3	1.147e3	1.27	NO	2.606e3	1.8400	1.8400	0.549
2,3,4,6,7,8-HxCDF	34.69	2.036e5	1.656e5	1.164e4	9.602e3	1.21	NO	2.125e4	15.198	15.198	0.543
1,2,3,7,8,9-HxCDF	35.65	2.570e5	1.981e5	1.261e4	1.003e4	1.26	NO	2.264e4	20.231	20.231	0.797
Total Hexa-Furans	35.67	1.810e5	1.460e5	3.976e3	3.061e3	1.30	NO	7.036e3	4.9688	4.9688	0.549

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-15.qld

Last Altered: Wednesday, June 03, 2020 11:04:34 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:05:09 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

Hepta-Furans

Name	Area	Height	Area Height	m1 Resp	m2 Resp	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio
1,2,3,4,6,7,8-HpCDF	37.38	1.348e6	1.378e6	9.834e4	1.004e5	0.98	NO	1.988e5	214.48	214.48	0.857	
Total Hepta-Furans	37.79	1.381e4	1.363e4	9.396e2	9.765e2	0.96	NO	1.916e3	2.5152	2.5152	0.953	
Total Hepta-Furans	38.00	1.505e6	1.515e6	1.150e5	1.157e5	0.99	NO	2.307e5	302.88	302.88	0.953	
1,2,3,4,7,8,9-HpCDF	39.33	1.890e5	1.877e5	1.112e4	1.106e4	1.01	NO	2.218e4	32.038	32.038	0.950	

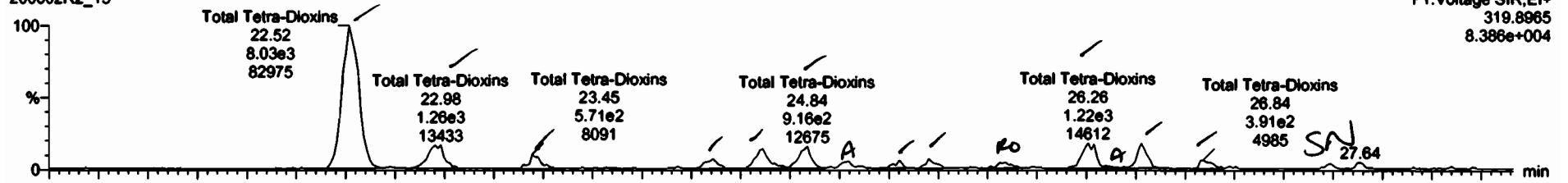
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

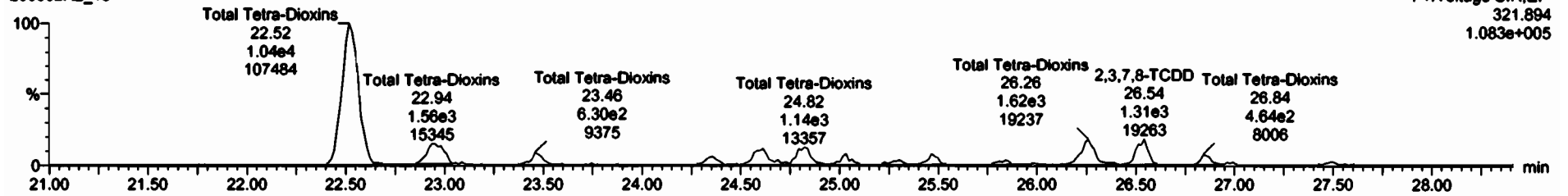
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

2,3,7,8-TCDD

200602R2_15

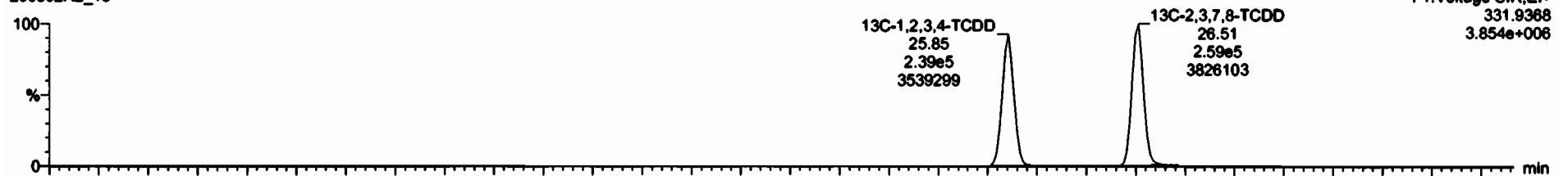


200602R2_15

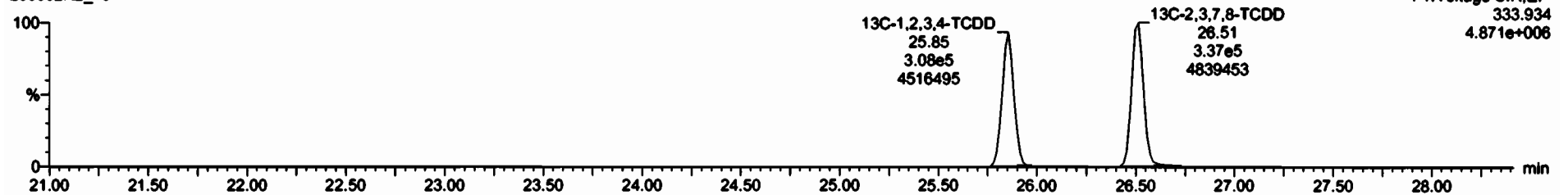


13C-2,3,7,8-TCDD

200602R2_15



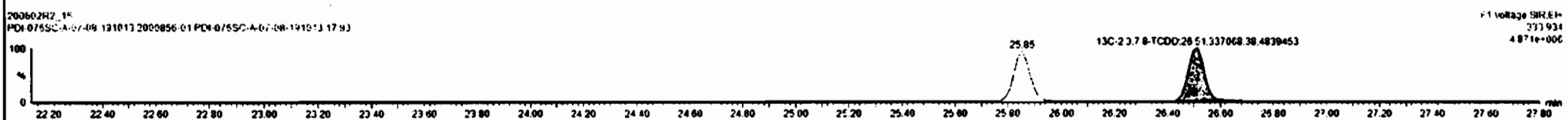
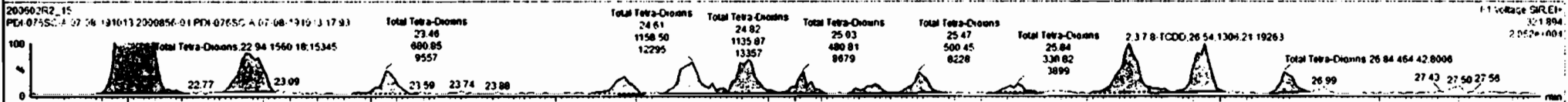
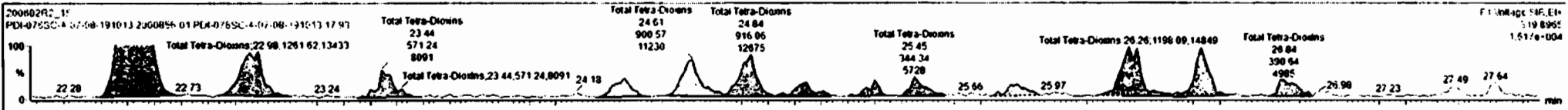
200602R2_15





Name	Resp	RA	dy	RF	RF2	RT	RT2	Comp	Wtng	OL	EMPC
Total Tetra-Chlorins				0.0081	10.025			10.1		0.126	19.7

Name	RT	int Resp	int Resp	RA	dy	EMPC	Comp
1 Total Tetra-Chlorins	22.52	8.02e3	1.040e4	0.77	NO	0.9495	0.9495
2 Total Tetra-Chlorins	22.98	1.262e3	1.560e3	0.91	NO	1.0640	1.0640
3 Total Tetra-Chlorins	23.44	5.712e2	6.800e2	0.84	NO	0.47212	0.47212
4 Total Tetra-Chlorins	24.36	4.358e2	5.120e2	0.85	NO	0.35784	0.35784
5 Total Tetra-Chlorins	24.61	9.006e2	1.158e3	0.76	NO	0.77840	0.77840
6 Total Tetra-Chlorins	24.84	9.161e2	1.136e3	0.81	NO	0.77371	0.77371
7 Total Tetra-Chlorins	25.05	3.352e2	4.000e2	0.70	NO	0.30768	0.30768
8 Total Tetra-Chlorins	25.30	2.187e2	2.698e2	0.81	NO	0.18412	0.18412
9 Total Tetra-Chlorins	25.45	3.442e2	5.005e2	0.79	NO	0.31054	0.31054
10 Total Tetra-Chlorins	25.84	2.985e2	3.300e2	0.90	YES	0.22079	0.00000
11 Total Tetra-Chlorins	26.26	1.190e3	1.510e3	0.75	NO	1.0213	1.0213
12 Total Tetra-Chlorins	26.35	1.000e2	1.210e2	0.83	NO	0.063936	0.063936
13 2,3,7,8-TCDD	26.53	9.281e2	1.306e3	0.71	NO	0.84249	0.84249
14 Total Tetra-Chlorins	26.84	7.900e2	4.644e2	0.84	NO	0.32241	0.32241



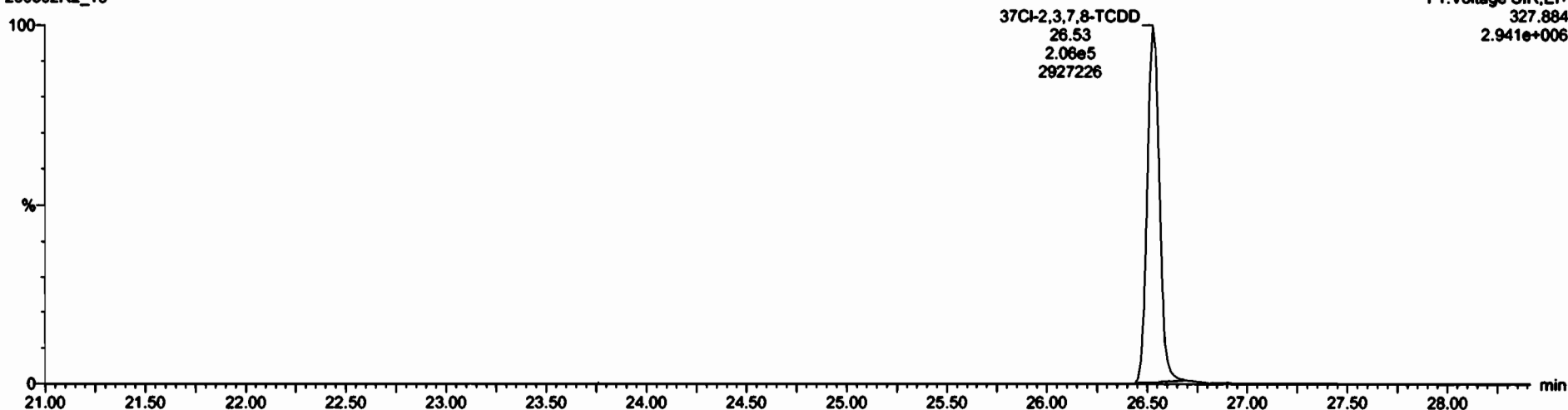
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

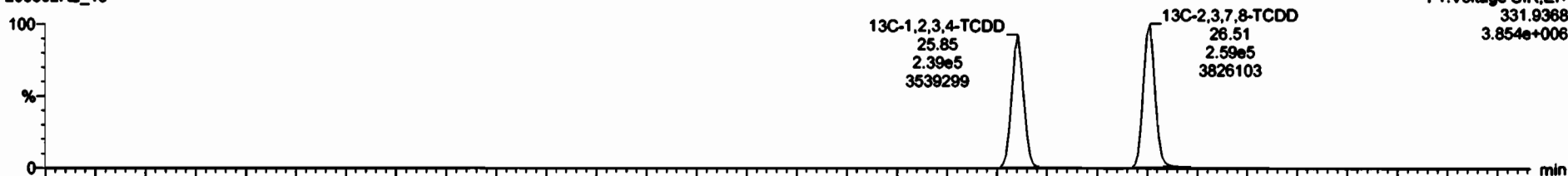
37Cl-2,3,7,8-TCDD

200602R2_15

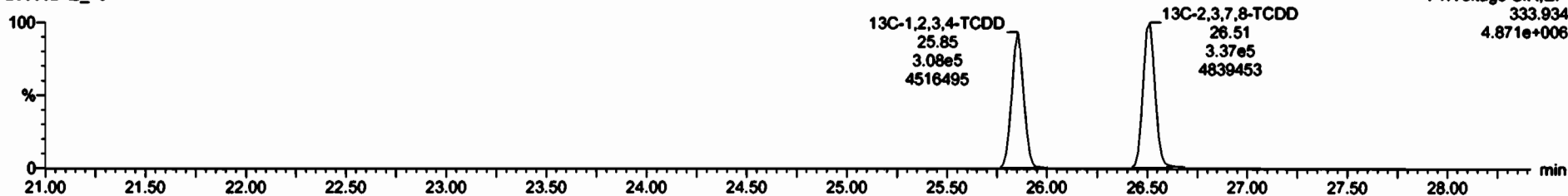


13C-1,2,3,4-TCDD

200602R2_15



200602R2_15



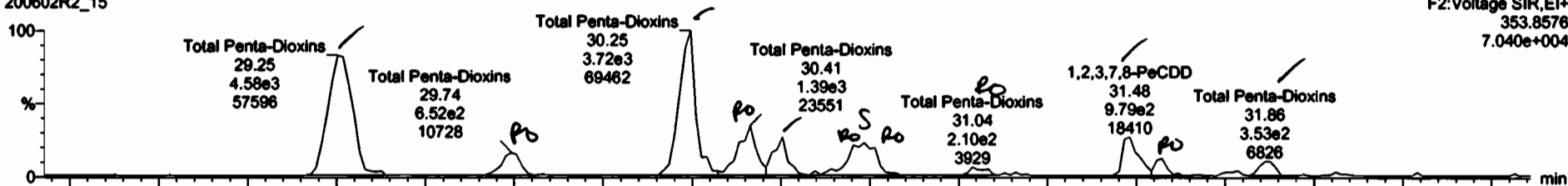
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

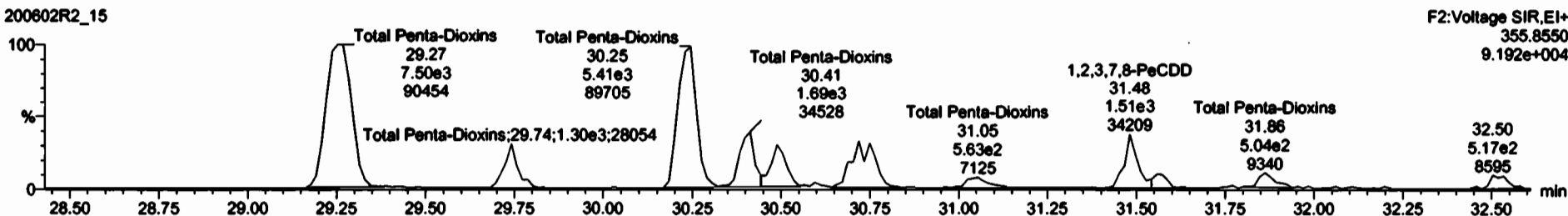
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

1,2,3,7,8-PeCDD

200602R2_15



200602R2_15

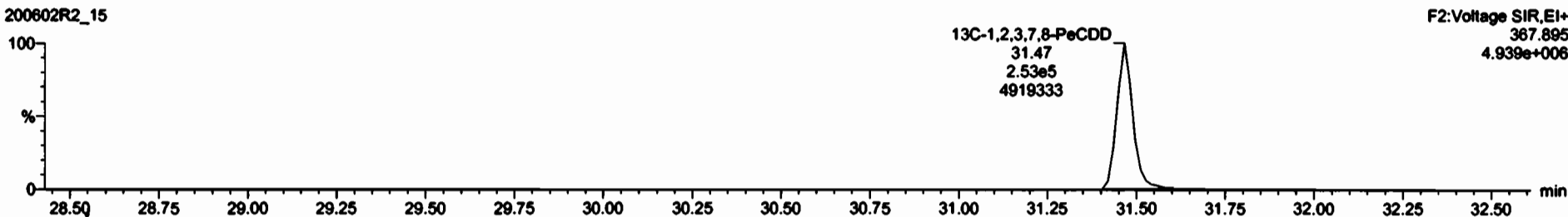


13C-1,2,3,7,8-PeCDD

200602R2_15



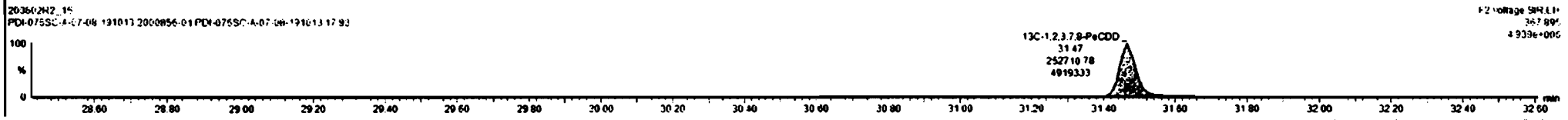
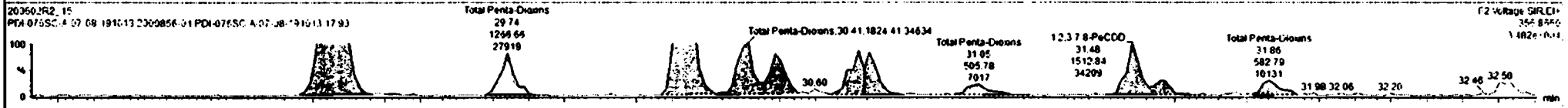
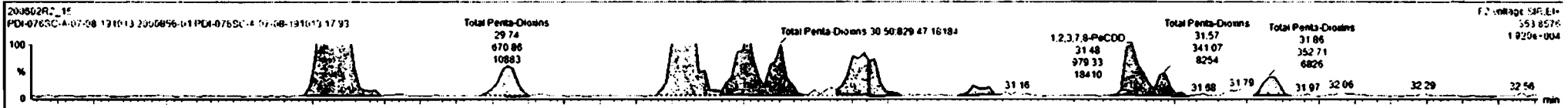
200602R2_15





#	Name	Resp	RA	aly	RF	uRF	RT	RRT	Comp	%Acc	DL	EMPC
30	Total Penta-Dioxins	0.0883	10.025						13.5	0.100	13.7	
48	Total Penta-Dioxins	0.0883	10.025						13.5	0.100	13.7	

#	Name	RF	uRF	mRF	RA	aly	EMPC	Comp
1	Total Penta-Dioxins	29.25	4.577e3	7.499e3	0.81	NO	0.4643	0.4643
2	Total Penta-Dioxins	29.74	6.709e2	1.267e3	0.53	YES	0.92913	0.00000
3	Total Penta-Dioxins	30.25	3.770e3	5.411e3	0.70	NO	4.9148	4.9148
4	Total Penta-Dioxins	30.41	1.337e3	1.824e2	0.71	YES	1.5819	0.00000
5	Total Penta-Dioxins	30.50	8.295e2	1.252e3	0.66	NO	1.1143	1.1143
6	Total Penta-Dioxins	30.73	9.012e2	1.159e3	0.78	YES	1.0114	0.00000
7	Total Penta-Dioxins	30.76	4.288e2	1.056e3	0.41	YES	0.9304	0.00000
8	Total Penta-Dioxins	31.04	2.059e2	5.958e2	0.41	YES	0.29068	0.00000
9	1,2,3,7,8-PeCDD	31.48	9.792e2	1.513e3	0.65	NO	1.3341	1.3341
48	Total Penta-Dioxins	31.57	3.411e2	4.161e2	0.82	YES	0.38209	0.00000
49	Total Penta-Dioxins	31.86	3.527e2	5.828e2	0.61	NO	0.50078	0.50078



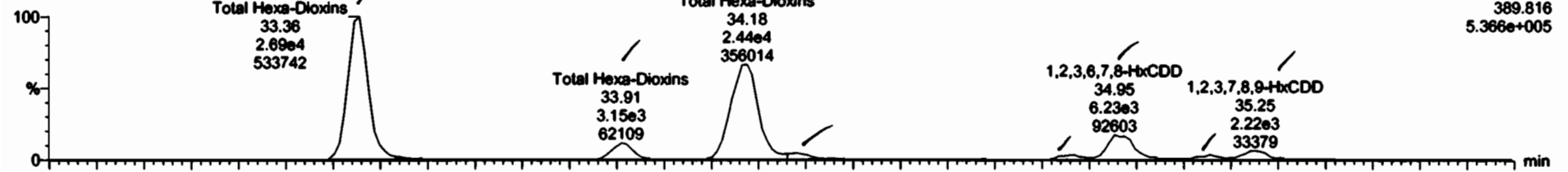
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

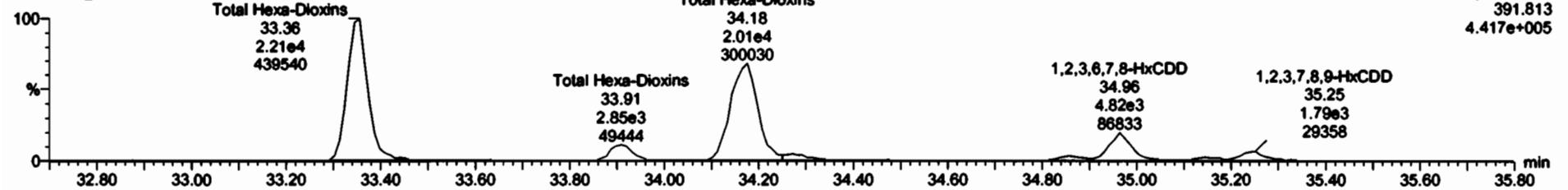
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

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

200602R2_15



200602R2_15

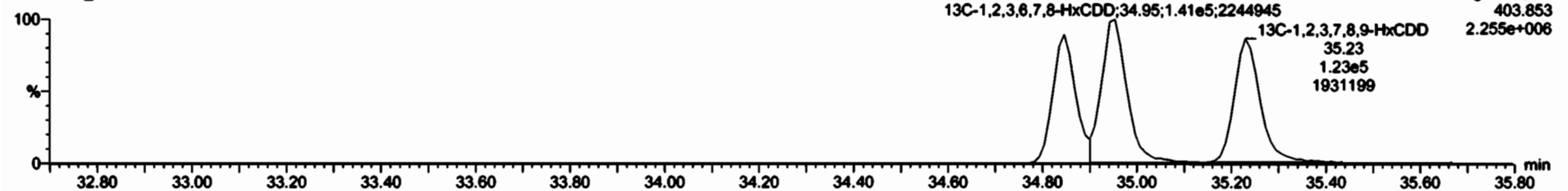


13C-1,2,3,4,7,8-HxCDD

200602R2_15

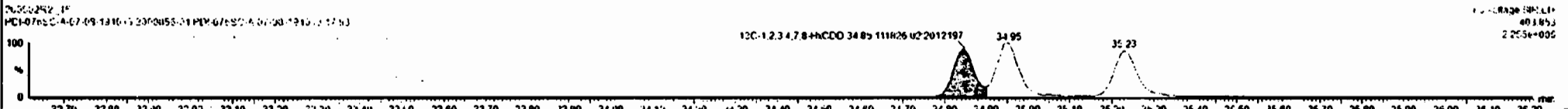
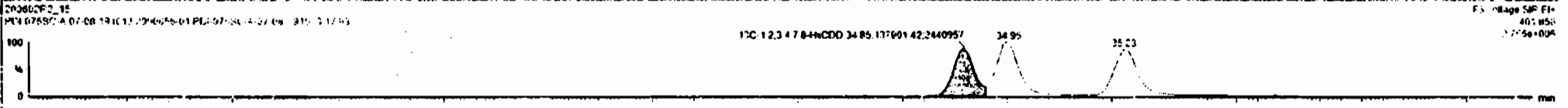
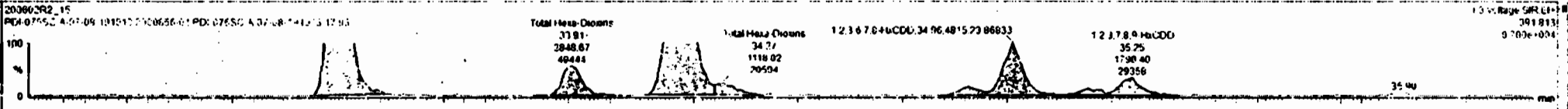
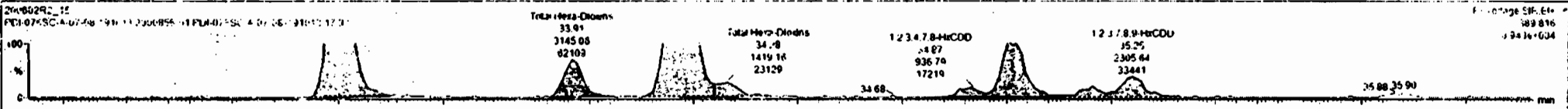


200602R2_15



ID	Name	Resp	RA	Qty	Ref	WPeak	BT	BRT	Calc	%Rec	DL	EMPC
81	Total Hexa-Chloro				0.9639	19 0.2			791		1.04	750
82												

ID	Name	BT	nt Resp	nt Resp	RA	Qty	EMPC	Calc
1	Total Hexa-Chloro	33.39	2.715e3	2.210e4	1.27	NO	1-432	39.432
2	Total Hexa-Chloro	33.81	3.147e3	2.849e3	1.10	NO	4.7948	7.7948
3	Total Hexa-Chloro	34.18	2.421e4	2.087e4	1.21	NO	35.47	35.47
4	Total Hexa-Chloro	34.29	1.418e3	1.118e3	1.27	NO	2.6287	2.6287
9	1,2,3,4,7,8-HxCDD	34.67	5.388e2	7.871e2	1.16	NO	1.3326	1.3326
8	1,2,3,6,7,8-HxCDD	34.95	6.725e2	4.814e3	1.25	NO	7.8857	7.8857
7	Total Hexa-Chloro	35.16	9.302e2	6.580e2	1.25	NO	1.275	1.275
8	1,2,3,7,8-HxCDD	35.25	7.308e3	1.789e3	1.28	NO	3.3441	3.3441



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

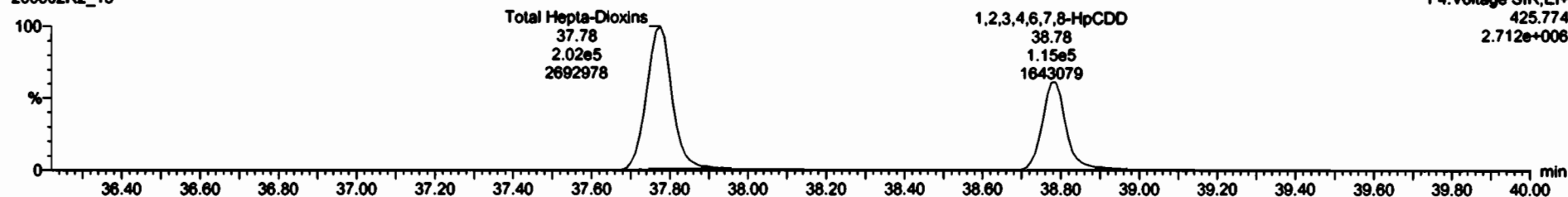
1,2,3,4,6,7,8-HpCDD

200602R2_15



F4:Voltage SIR,EI+
423.777
2.767e+006

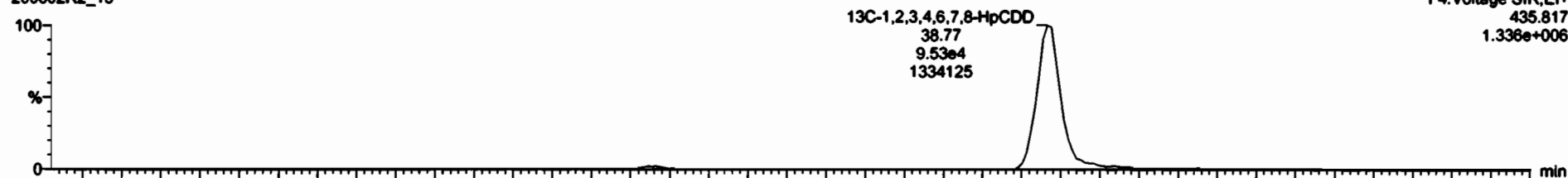
200602R2_15



F4:Voltage SIR,EI+
425.774
2.712e+006

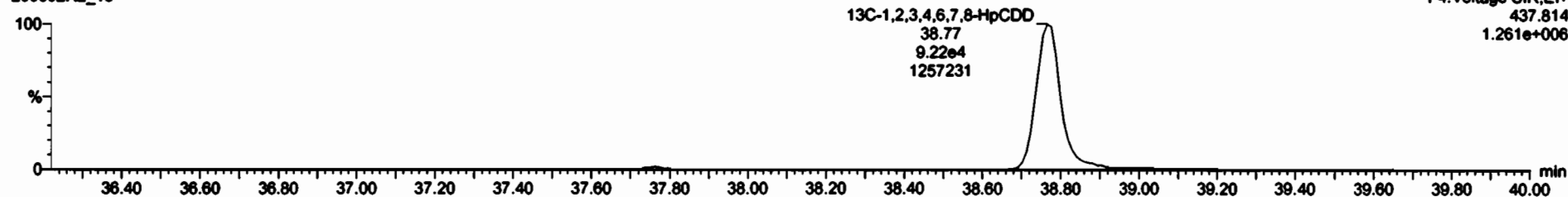
13C-1,2,3,4,6,7,8-HpCDD

200602R2_15



F4:Voltage SIR,EI+
435.817
1.336e+006

200602R2_15



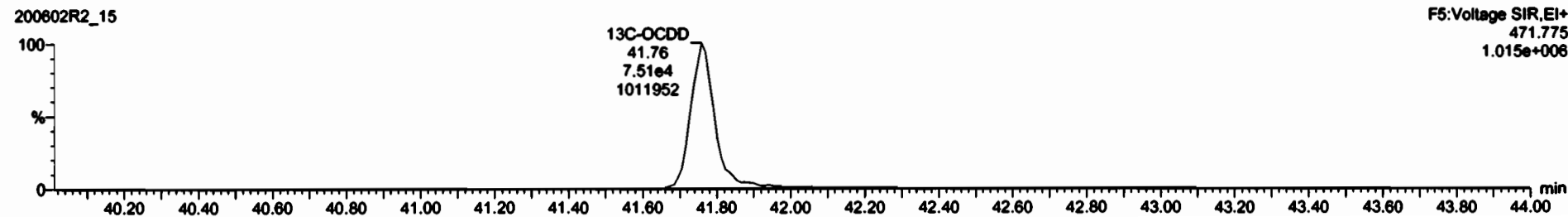
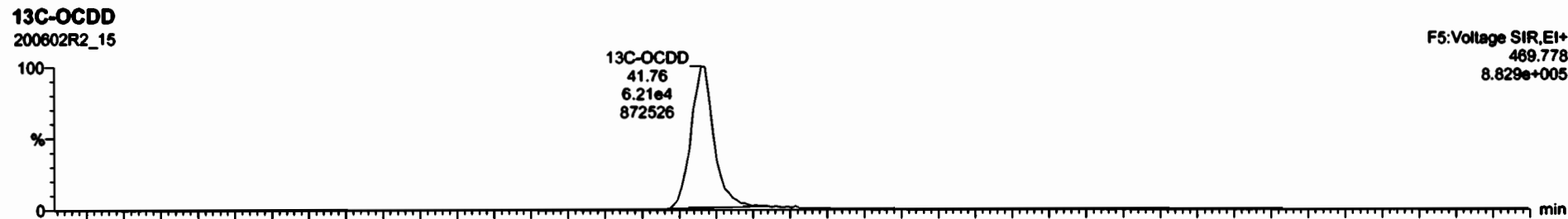
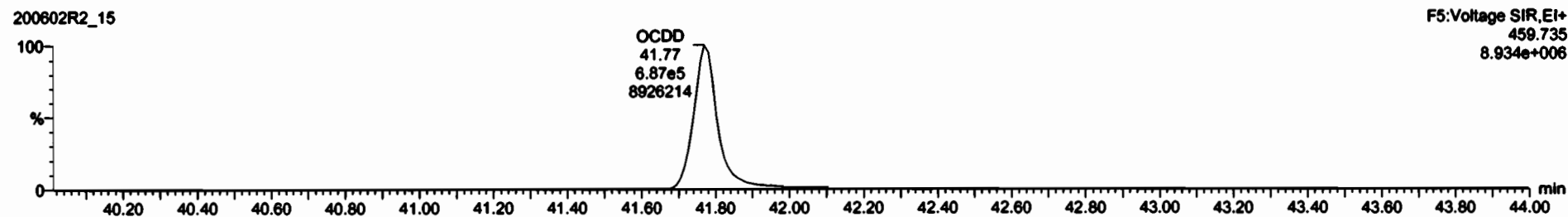
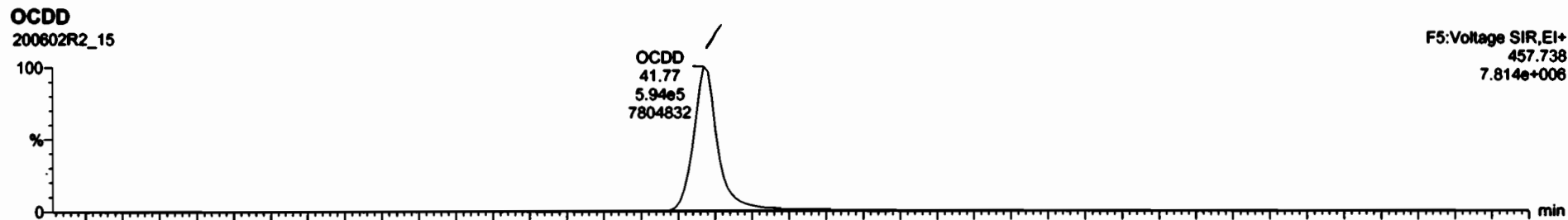
F4:Voltage SIR,EI+
437.814
1.261e+006

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

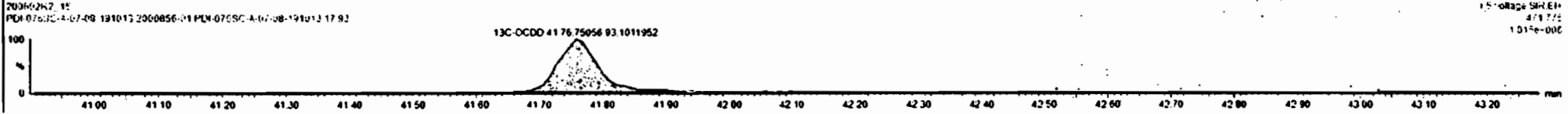
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013





#	Name	Resp	RA	aly	RF	WtWt	RT	RRT	Conc	%Rec	GL	EMPC
7	OCDD	1.96e7	0.74	NO	0.7510	10.025	25.63	1.001	80.6		0.213	80.6

#	Name	RT	ml Resp	ml Resp	RA	aly	EMPC	Conc
1								

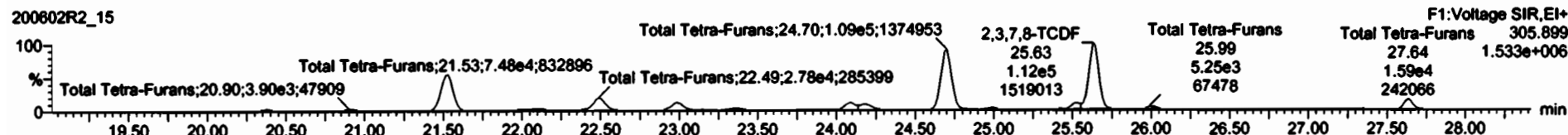
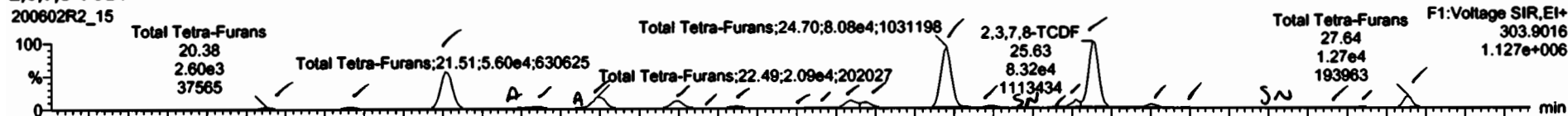


Dataset: Untitled

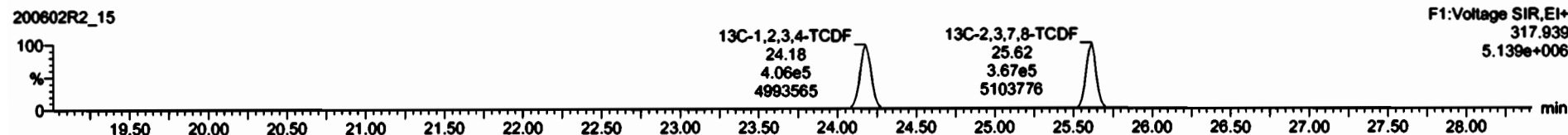
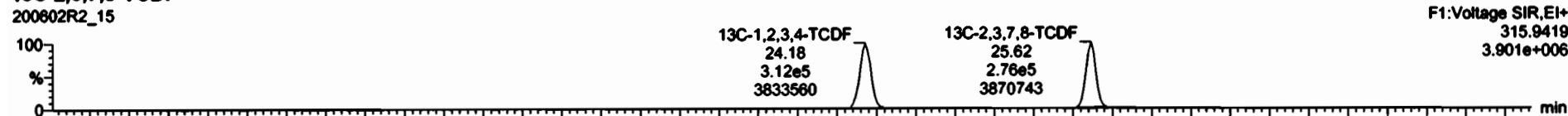
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

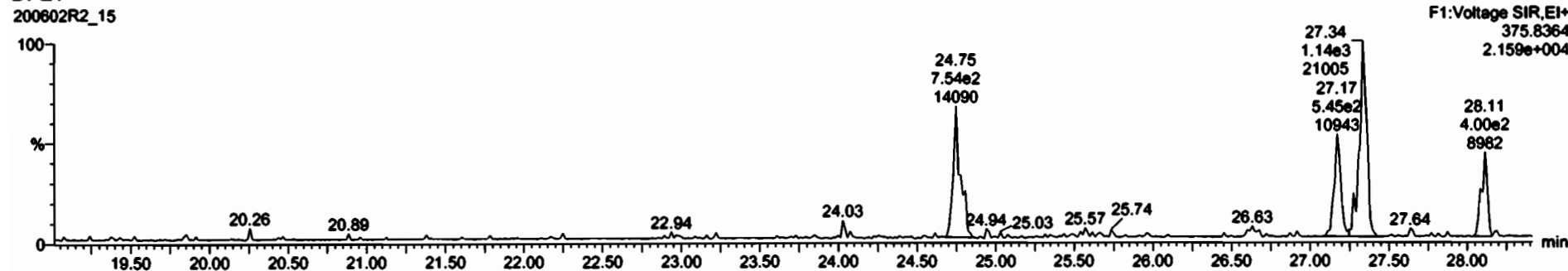
2,3,7,8-TCDF



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

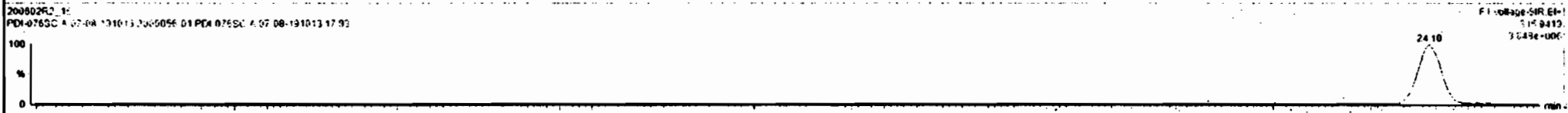
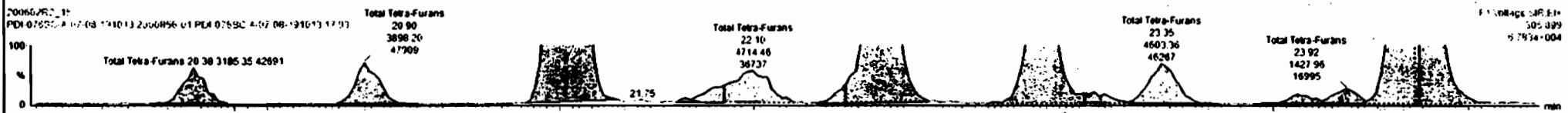
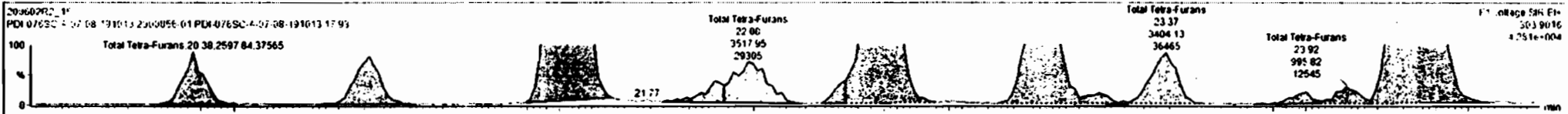


DPE1



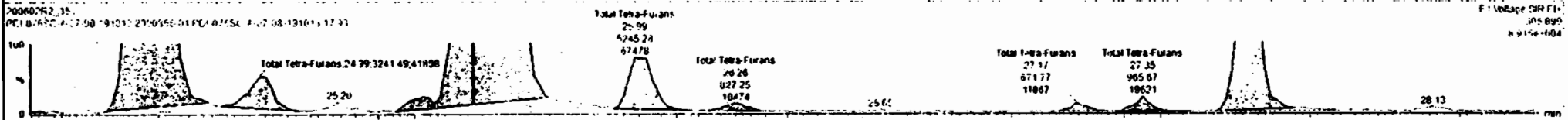
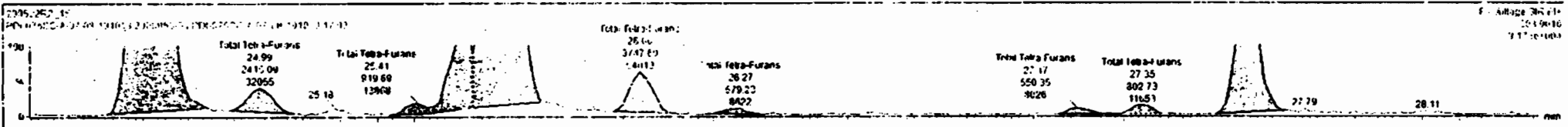
SI	Name	Resp	PA	dy	RSP	Wval	RT	RRT	Conc	%Rec	OL	EMPC
43	Total Tetra-Furans				0.8925	19.025			102		0.0414	102
44	Total Penta-Furans											

SI	Name	RT	nt Resp	nt Resp	SA	dy	EMPC	Conc
1	Total Tetra-Furans	20.38	2.986e3	3.185e3	0.82	NO	2.3895	2.3895
2	Total Tetra-Furans	20.92	3.800e3	3.800e3	0.77	NO	2.8500	2.8500
3	Total Tetra-Furans	21.51	5.800e4	7.470e4	0.75	NO	54.035	54.035
4	Total Tetra-Furans	21.99	1.120e3	1.400e3	0.77	NO	1.0731	1.0731
5	Total Tetra-Furans	22.06	3.510e3	4.710e3	0.75	NO	3.4014	3.4014
6	Total Tetra-Furans	22.38	6.210e2	7.521e2	0.83	NO	0.56781	0.56781
7	Total Tetra-Furans	22.49	2.034e4	2.750e4	0.74	NO	19.764	19.764
8	Total Tetra-Furans	22.98	1.221e4	1.688e4	0.72	NO	12.061	12.061
9	Total Tetra-Furans	23.16	6.827e2	9.000e2	0.69	NO	0.69065	0.69065
10	Total Tetra-Furans	23.37	3.484e3	4.603e3	0.74	NO	3.3005	3.3005
11	Total Tetra-Furans	23.81	6.681e2	9.761e2	0.68	NO	0.67932	0.67932
12	Total Tetra-Furans	23.92	9.850e2	1.420e3	0.70	NO	1.0014	1.0014
13	Total Tetra-Furans	24.00	1.094e4	1.462e4	0.75	NO	10.562	10.562
14	Total Tetra-Furans	24.19	8.040e3	1.094e4	0.74	NO	7.8427	0.08000



RT	Area	Height	W	Area%	Conc	%Rec	CL	ENR
24.99	32055	10000	0.74	NU	7.8427	1.5427		
25.41	919.69	10000	0.75	NU	2.1372	2.3372		
25.61	13968	10000	0.76	NU	8.8112	8.8112		
26.26	10474	10000	0.76	NU	7.7098	7.7098		
27.25	11867	10000	0.76	NU	9.4612	9.4612		
27.35	18621	10000	0.76	NU	11.534	11.534		

RT	Area	Height	W	Area%	Conc	%Rec	CL	ENR
24.99	32055	10000	0.74	NU	7.8427	1.5427		
25.41	919.69	10000	0.75	NU	2.1372	2.3372		
25.61	13968	10000	0.76	NU	8.8112	8.8112		
26.26	10474	10000	0.76	NU	7.7098	7.7098		
27.25	11867	10000	0.76	NU	9.4612	9.4612		
27.35	18621	10000	0.76	NU	11.534	11.534		



Dataset: Untitled

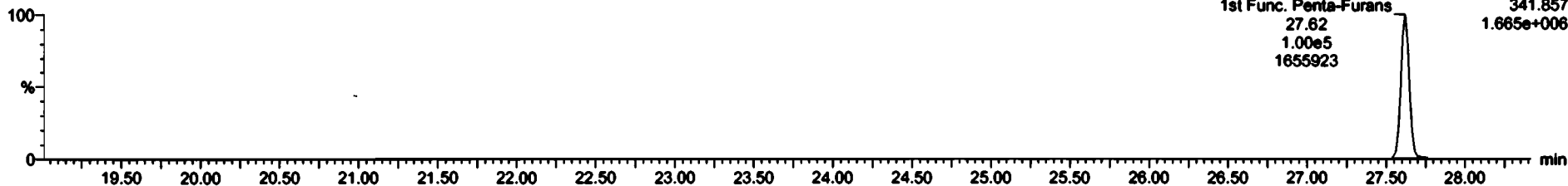
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

1st Func. Penta-Furans
200602R2_15

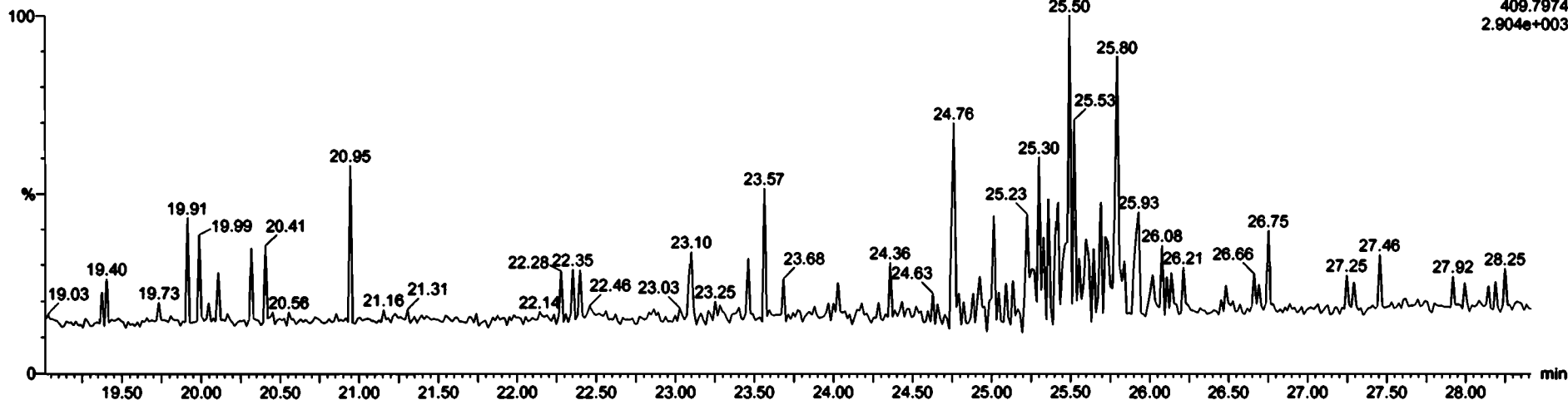


200602R2_15



DPE6

200602R2_15



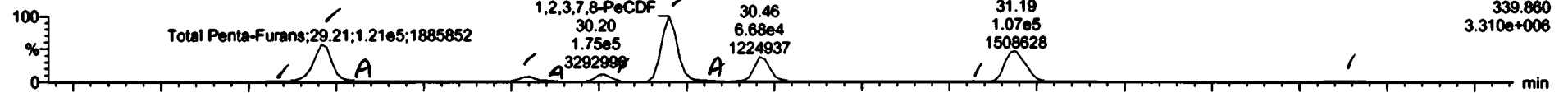
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

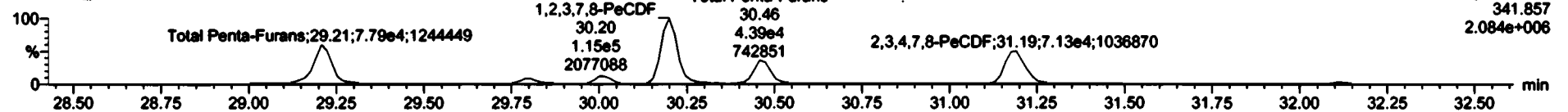
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

1,2,3,7,8-PeCDF

200602R2_15

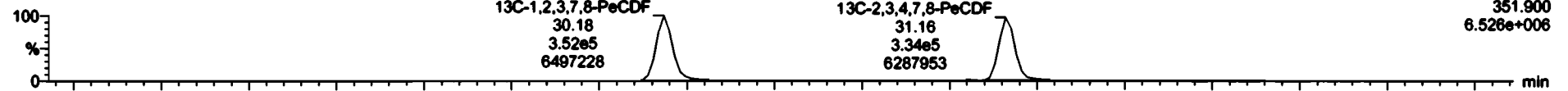


200602R2_15

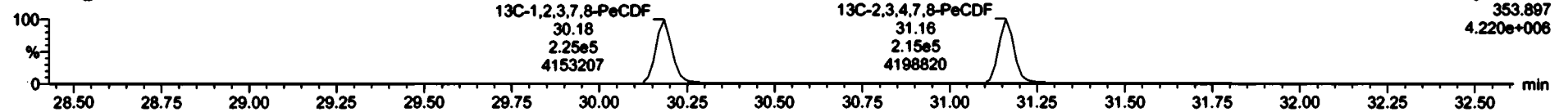


13C-1,2,3,7,8-PeCDF

200602R2_15

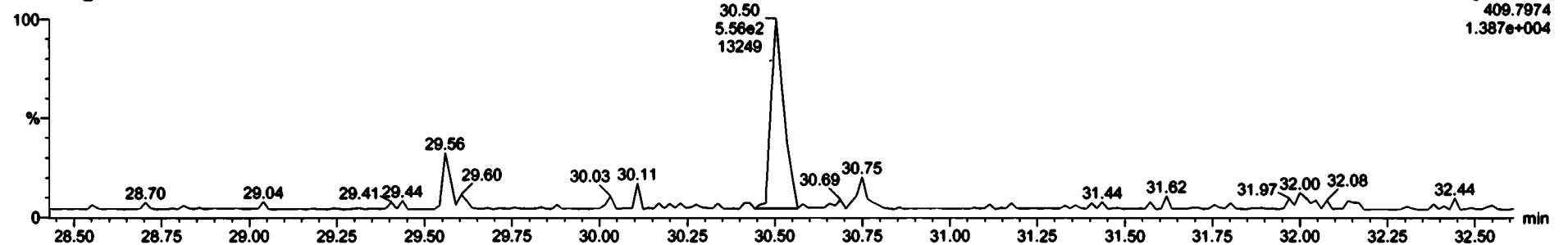


200602R2_15



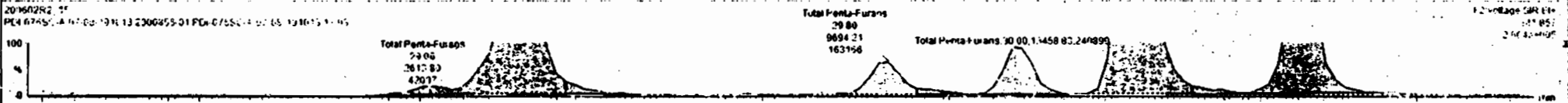
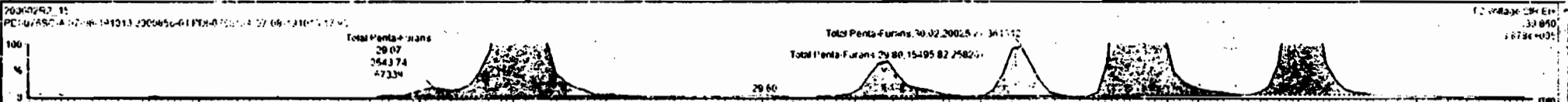
DPE2

200602R2_15



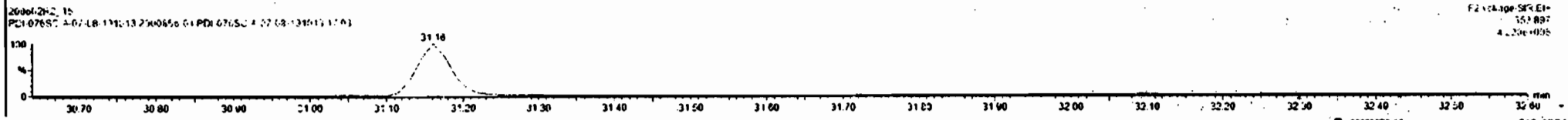
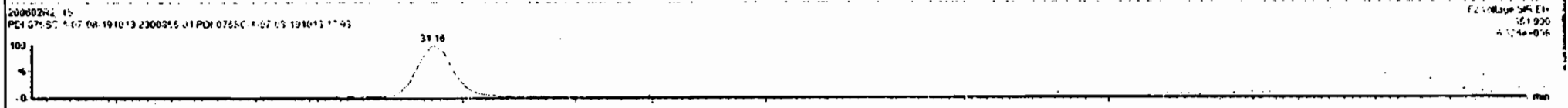
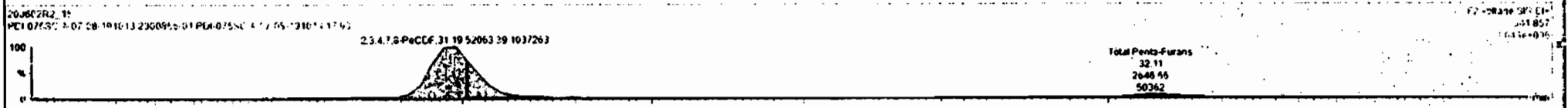
RT	Name	Area	HA	W	RP	RP	RP	RP	RP	RP	RP	RP	RP
29.07	Total Penta-Furans	1190e4			6.8E25	1.6E25							
29.60	Total Penta-Furans	3.310e2			0.9e+1	12.025							

RT	Name	Area	HA	W	RP	RP	RP	RP	RP	RP	RP	RP	RP
29.07	Total Penta-Furans	1.190e4			2.614e3	1.3e	RP	2.407e	2.407e				
29.21	Total Penta-Furans	1.190e4			7.714e2	1.1e	RP	7.6.704	7.6.704				
29.23	Total Penta-Furans	3.310e2			2.197e1	1.51	RP	2.194e	2.194e				
29.40	Total Penta-Furans	1.152e4			6.694e2	1.60	RP	1.9.001	1.9.001				
29.65	Total Penta-Furans	1.928e3			1.151e3	1.7	RP	1.1.496	1.1.496				
30.01	Total Penta-Furans	2.071e4			1.348e4	1.4e	RP	1.7.797	1.7.797				
30.27	1,2,3,7,8-PeCDF	1.750e2			1.1.79e	1.5e	RP	1.1.11.11	1.1.11.11				
30.29	Total Penta-Furans	2.209e3			1.1.72e3	1.7e	RP	1.1.1.1.1.1	1.1.1.1.1.1				
30.40	Total Penta-Furans	4.732e4			4.259e4	1.5e	RP	4.1.848	4.1.7.56				
30.50	Total Penta-Furans	4.049e2			3.244e2	1.2e	RP	0.2.2.1.1	0.0.0.0.0.0				
31.07	Total Penta-Furans	1.267e3			6.638e2	1.7e	RP	3.1.82.1.1	0.0.0.0.1.1				
31.10	2,3,6,7,8-PeCDF	1.473e6			7.1.7.7e4	1.51	RP	7.9.4.2.1	0.1.4.2.1				
31.40	Total Penta-Furans	3.1.1.1e4			2.4.1.2.7	1.7e	RP	0.1.1.1.1.1	0.1.1.1.1.1				
32.12	Total Penta-Furans	4.7.7.7e2			4.64.1.1	1.60	RP	2.4.8.0.1	0.0.0.0.0.0				



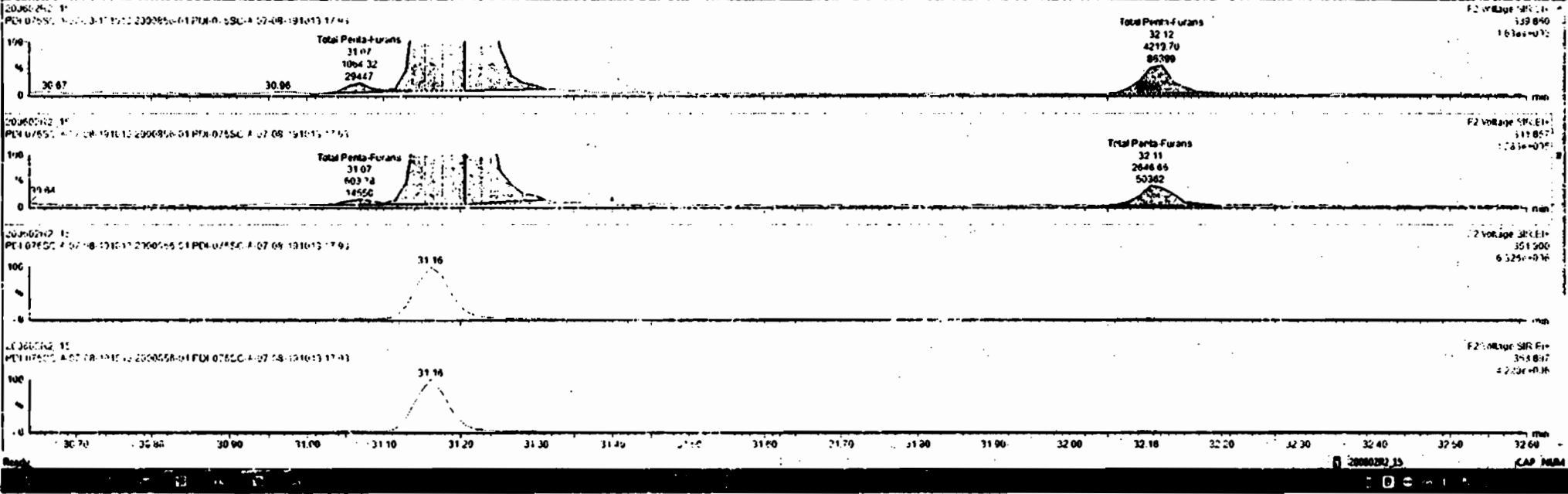
Sample	Temp	RA	avg	RRF	Internal	NT	RRT	Comp.	%Rec	DL	EMPC
45 Total Penta-Furans				0.638	10.025			10		0.549	441

Peak	RT	int Resp	Ext Resp	RA	avg	EMPC	Comp.
1 Total Penta-Furans	29.07	3.84e3	2.71e2	1.39	NO	2.4250	2.40e0
2 Total Penta-Furans	29.21	1.190e4	7.71e4	1.55	NO	78.204	78.204
3 Total Penta-Furans	29.26	3.310e3	2.190e3	1.51	NO	7.1843	7.1843
4 Total Penta-Furans	29.80	1.550e4	9.69e2	1.60	NO	10.003	0.00000
5 Total Penta-Furans	29.85	1.608e4	1.1e+3	1.72	NO	1.2462	0.00006
6 Total Penta-Furans	30.02	2.80e4	1.349e4	1.49	NO	13.257	12.257
7 1,2,3,7,8-PeCDF	30.20	1.760e5	1.123e5	1.56	NO	111.9	111.95
8 Total Penta-Furans	30.29	2.299e3	1.572e3	1.40	NO	1.5014	1.5014
9 Total Penta-Furans	30.46	6.72e4	4.25e4	1.55	NO	43.648	43.648
10 Total Penta-Furans	31.07	1.044e2	6.03e2	1.75	NO	0.02243	0.02243
11 2,3,4,7,8-PeCDF	31.19	7.72e4	5.205e4	1.40	NO	58.255	58.265
12 Total Penta-Furans	31.21	2.012e4	1.008e4	1.71	NO	19.289	19.300
13 Total Penta-Furans	32.12	4.22e4	2.64e3	1.56	NO	7.727	2.727



#	Name	Resp	RA	dy	RF	RF	RT	RT	Cmc	%Rec	DL	ENPC
45	Total Penta-Furans								530		0.320	300
46	Total Hexa-Furans				0.034	10.025			110		2.540	44

#	Name	RF	ml Resp	ng Resp	RA	dy	RF	RF	Cmc
1	Total Penta-Furans	29.07	2.644e1	2.614e3	1.26	NO			2.4650
2	Total Penta-Furans	29.71	1.980e5	7.714e4	.55	NO			76.234
3	Total Penta-Furans	29.78	3.310e1	2.980e3	1.51	NO			2.1843
4	Total Penta-Furans	29.80	1.950e4	9.684e2	1.00	NO			10.742
5	Total Penta-Furans	29.84	1.988e3	1.151e3	1.72	NO			1.2456
6	Total Penta-Furans	30.07	2.043e4	1.348e4	1.40	NO			17.297
7	1,2,3,4-PeCDF	30.20	1.700e5	1.129e5	1.56	NO			111.90
8	Total Penta-Furans	30.20	2.209e1	1.572e3	1.70	NO			1.5814
9	Total Penta-Furans	30.40	6.733e4	4.228e4	1.78	NO			47.648
10	Total Penta-Furans	31.07	1.064e3	6.632e2	1.26	NO			0.68243
11	1,3,4,7,8-PeCDF	31.16	7.722e4	5.205e4	1.42	NO			40.394
12	Total Penta-Furans	31.21	7.012e4	1.688e4	1.61	NO			19.700
13	Total Penta-Furans	32.12	4.726e2	2.847e3	1.55	NO			7.7267

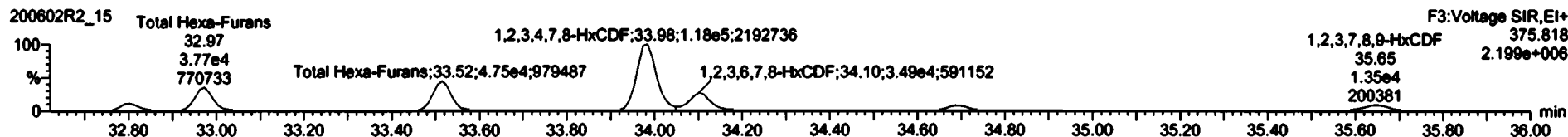
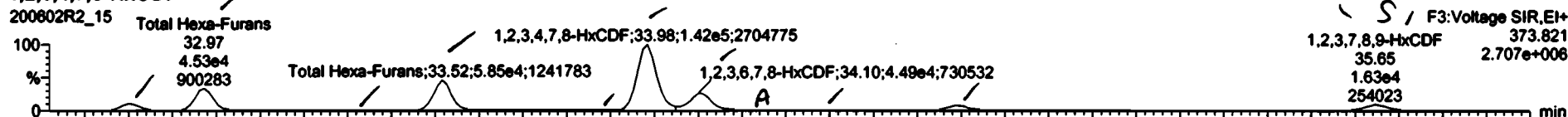


Dataset: Untitled

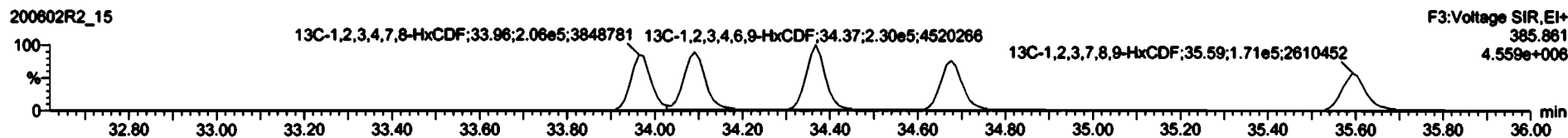
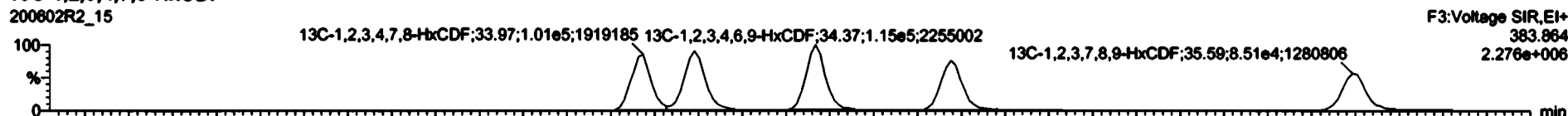
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

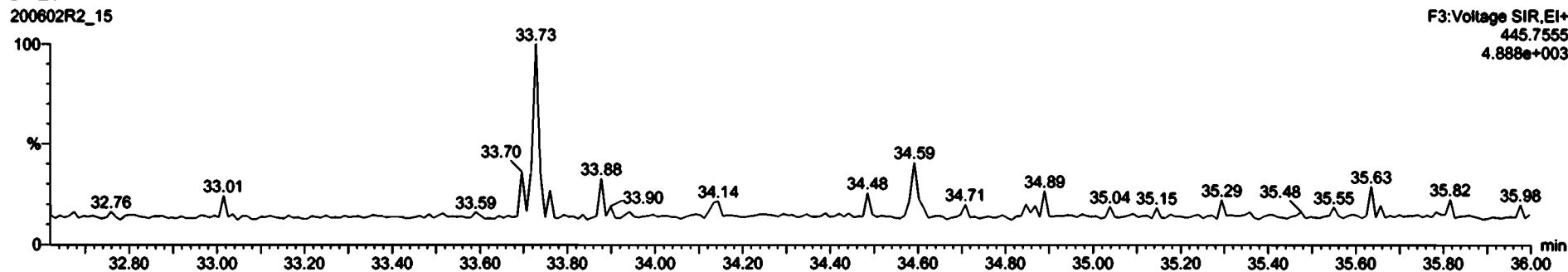
1,2,3,4,7,8-HxCDF



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

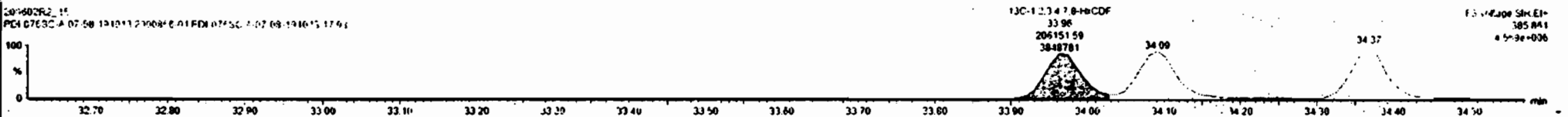
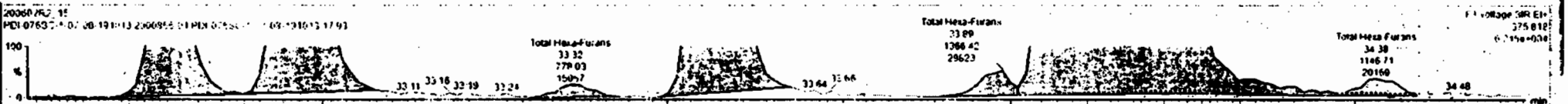


DPE3



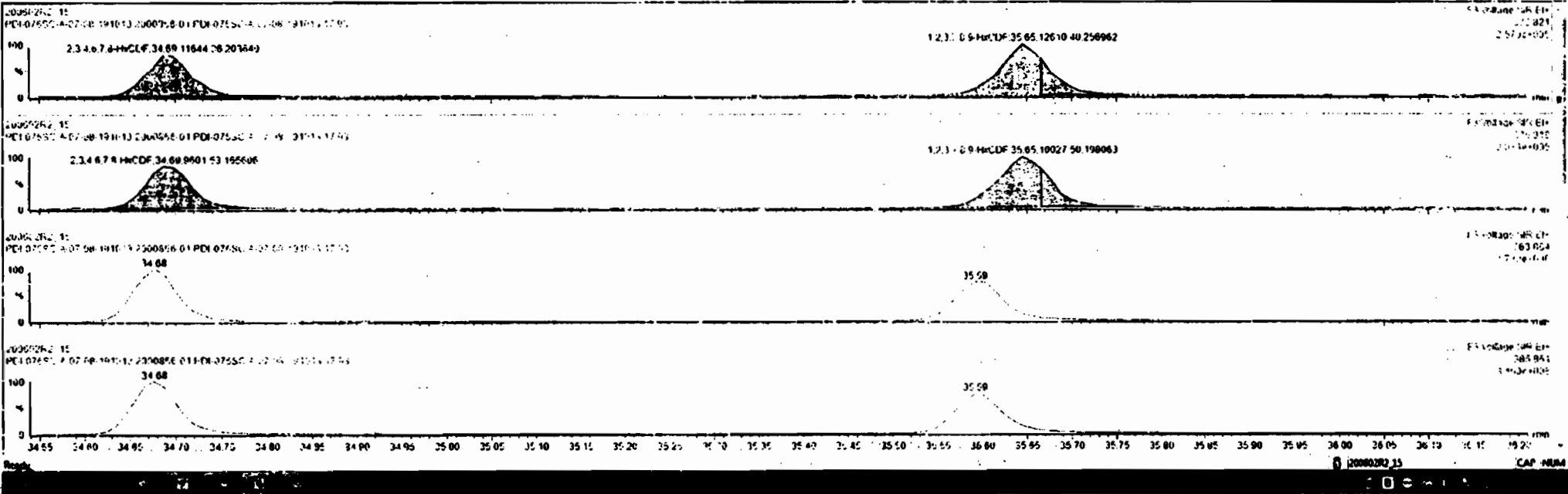
Method	Resp	QA	dy	RP	WPIV	WT	RT	Conc	%Rec	DL	EMPC
Total Hexa-Furans				0.0025	10.005			3.0	0.30		330
				0.0025	10.005			3.0	0.30		330

Method	RP	mi Resp	nd Resp	SA	dy	EMPC	Conc
1 Total Hexa-Furans	32.89	1.406e4	1.221e4	1.1E	NO	18.577	18.577
2 Total Hexa-Furans	32.97	4.511e4	3.774e4	1.0	NO	58.841	58.841
3 Total Hexa-Furans	33.22	9.132e3	7.782e3	1.17	NO	1.1943	1.1943
4 Total Hexa-Furans	33.51	5.070e4	4.748e4	1.22	NO	74.846	74.846
5 Total Hexa-Furans	33.89	1.874e3	1.546e3	1.22	NO	2.1472	2.1472
6 1,2,3,4,7,8-HxCDF	33.56	1.425e5	1.177e5	1.21	NO	190.79	190.79
7 1,2,3,6,7,8-HxCDF	34.10	4.332e4	3.491e4	1.24	NO	50.508	50.508
8 Total Hexa-Furans	34.21	1.997e3	1.223e3	1.26	NO	2.0113	2.0113
9 Total Hexa-Furans	34.35	4.55e3	1.147e3	1.27	NO	1.8450	1.8450
10 2,3,4,6,7,8-HxCDF	34.89	1.164e4	9.682e3	1.21	NO	15.188	15.188
11 1,2,3,7,8-HxCDF	35.66	1.633e4	1.349e4	1.21	NO	26.652	26.652



Flow	Flow	RA	dy	RR	RRP	RR	RRF	RRF	Comp	10Sec	CL	PRPC
46	Total Hcpa-Furane				0.6524	10.022			124		0.362	120
48	Total Hcpa-Furane				0.9741	50.800			300		0.900	400

Flow	Flow	RR	RRP	RR	dy	RRP	RRP	RRP	RRP	RRP	RRP	RRP
1	Total Hcpa-Furane	32.00	1.408e-4	1.221e4	1.17	NO	18.527	10.577				
2	Total Hcpa-Furane	12.97	4.531e-4	3.77e3	1.16	HC	12.641	8.641				
3	Total Hcpa-Furane	31.37	9.132e-2	7.730e2	1.17	NO	1.102	1.102				
4	Total Hcpa-Furane	35.51	5.827e-4	4.745e4	1.21	NO	74.548	74.898				
5	Total Hcpa-Furane	31.00	1.04e-3	1.36e1	1.22	HC	2.470	1.470				
6	1,2,3,4,7-BaCtCDF	13.94	1.422e-4	1.172e1	1.21	NO	190.79	150.79				
7	1,2,3,6,7-BaCtCDF	34.10	4.722e-4	3.401e4	1.16	NO	50.168	50.548				
8	Total Hcpa-Furane	10.21	1.227e-3	1.220e2	1.26	NO	3.0118	2.6118				
9	Total Hcpa-Furane	34.38	1.456e-3	1.117e3	1.17	NO	1.8400	1.8400				
10	1,2,3,4,7-BaCtCDF	14.89	1.944e-4	9.602e1	1.21	HC	15.158	15.158				
11	1,2,3,7,8-HxCDF	35.65	1.281e-4	1.907e4	1.26	NO	20.211	20.211				
12	Total Hcpa-Furane	35.67	1.077e-2	3.051e1	1.10	HC	4.9685	4.9685				

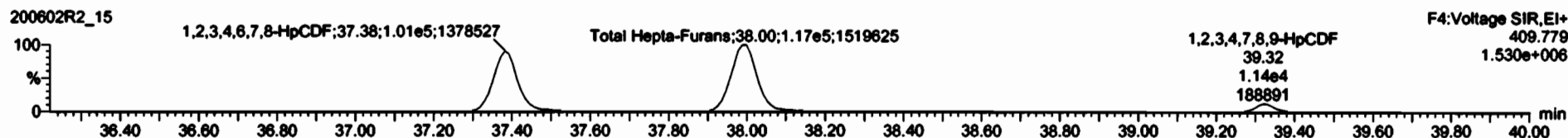
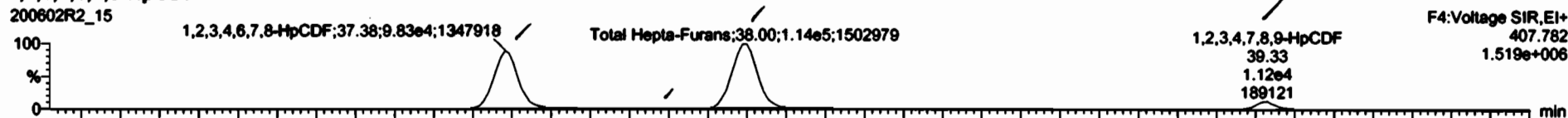


Dataset: Untitled

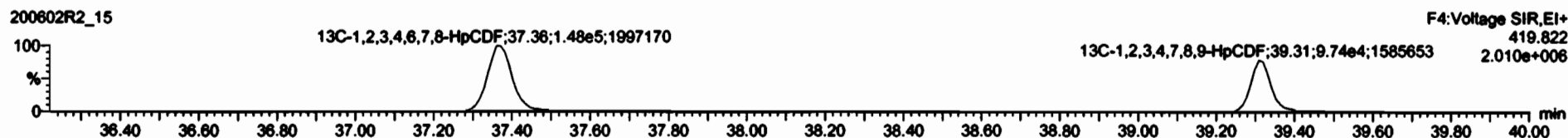
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

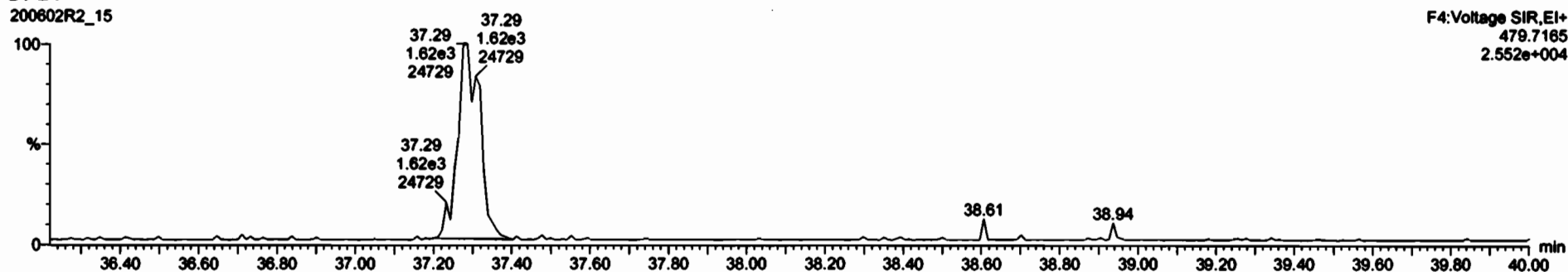
1,2,3,4,6,7,8-HpCDF



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

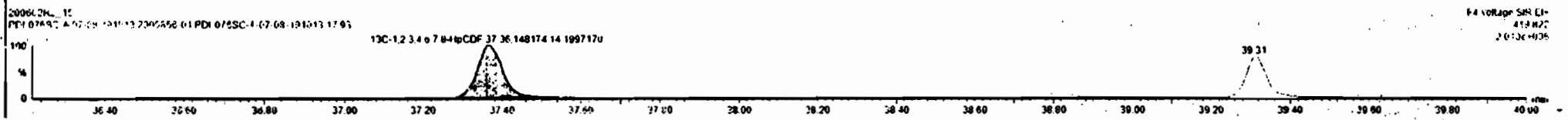
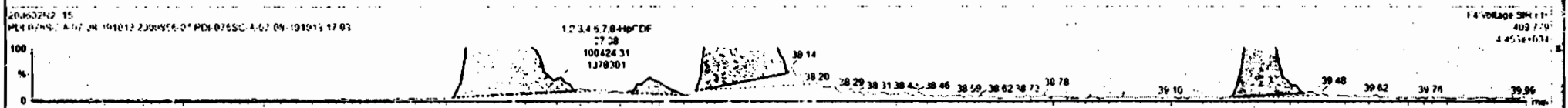
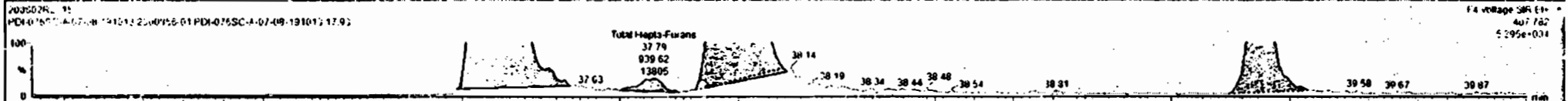


DPE4



RT	Area	Height	Width	Area%	Height%	Width%	Conc	SRac	DL	EMPC
37.52	9.834e4	1.084e5	0.98	NO	214.48	214.48			0.953	100

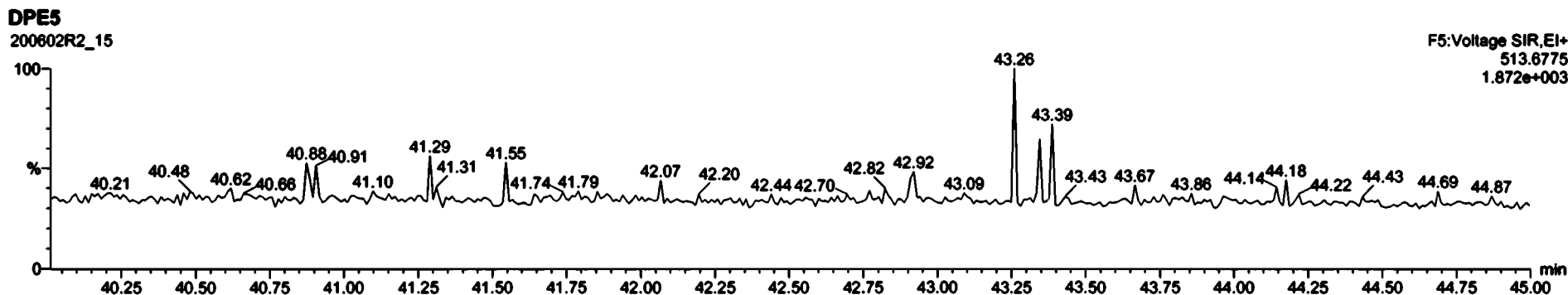
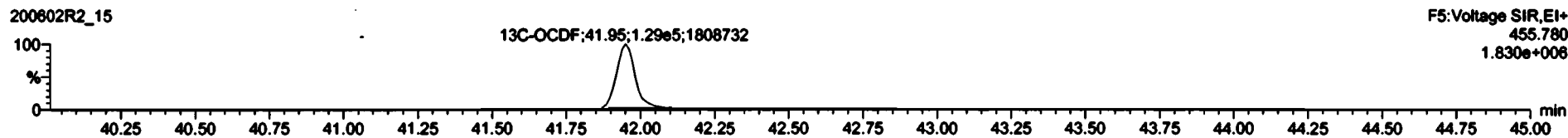
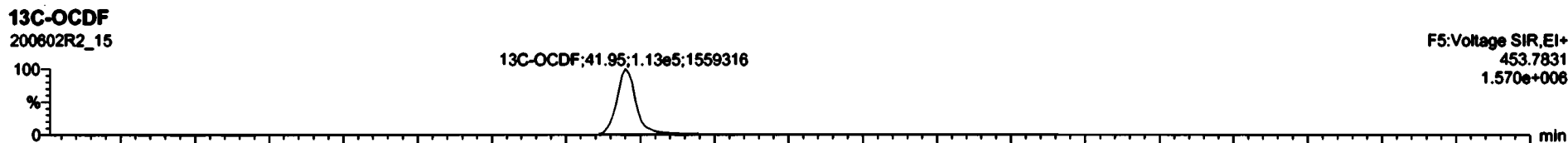
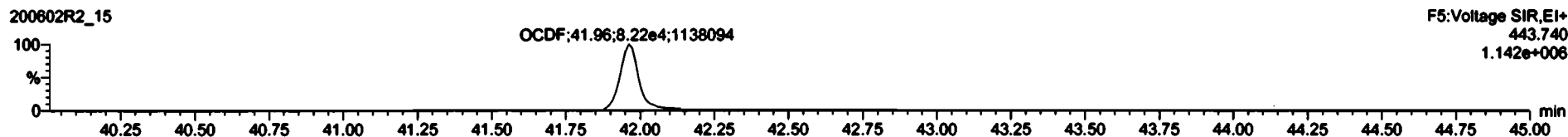
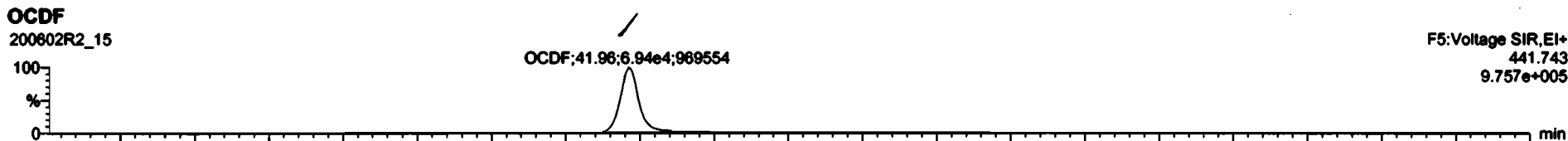
Name	RT	Area	Height	Width	Area%	Height%	Width%	Conc
1.2.3.4.7.8.5-MpCDF	37.52	9.834e4	1.084e5	0.98	NO	214.48	214.48	
Total Hepta-Furans	17.74	9.396e2	9.785e2	0.98	NO	4.5152	2.1152	
Total Hepta-Furans	38.00	1.150e5	1.157e5	0.98	NO	307.88	307.88	
1.2.3.4.7.8.5-MpCDF	33.33	1.112e4	1.105e4	1.01	NO	32.036	32.036	



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

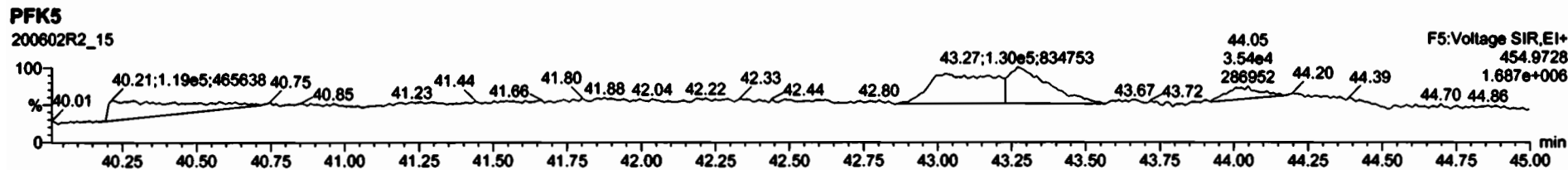
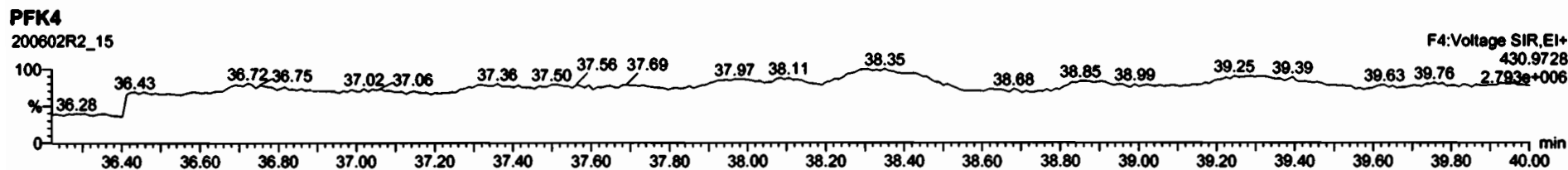
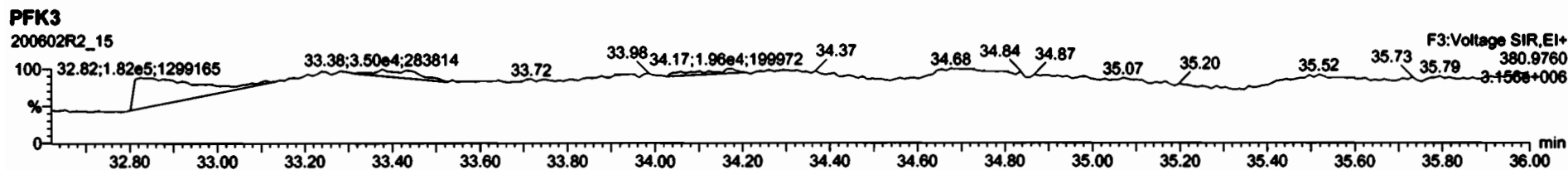
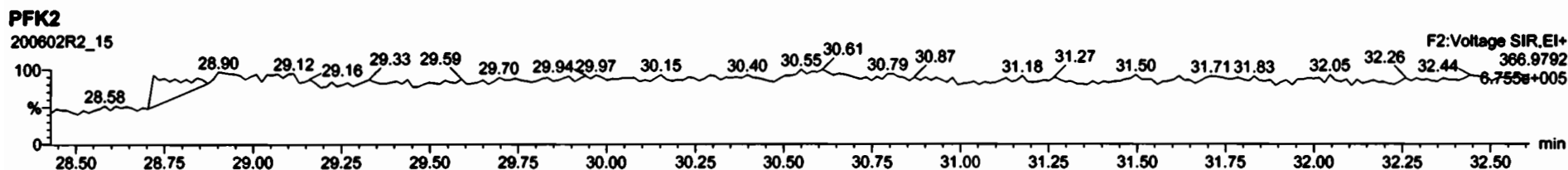
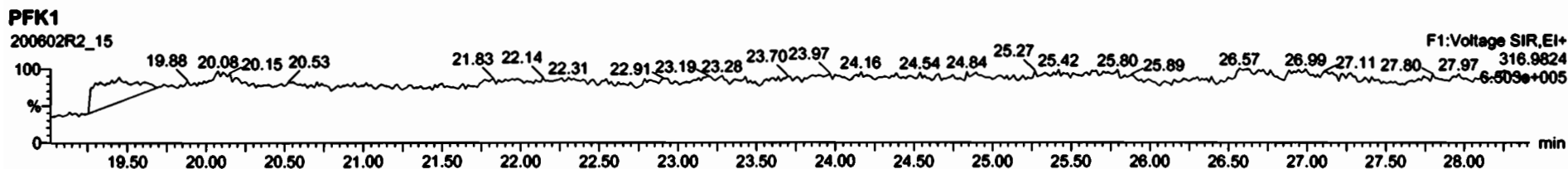
Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_15, Date: 03-Jun-2020, Time: 02:07:50, ID: 2000856-01 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Geo 04/03/2020

2706/04/2020

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\ddb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

1	2,3,7,8-TCDD	2.39e3	0.61	YES	0.888	10.018	26.531	26.51	1.001	1.001	1.1482	0.158	1.00
2	1,2,3,7,8-PeCDD	4.35e3	0.68	NO	0.908	10.018	31.473	31.47	1.001	1.000	2.5739	0.245	2.57
3	1,2,3,4,7,8-HxCDD	2.93e3	1.06	NO	1.03	10.018	34.846	34.85	1.000	1.000	2.4190	0.335	2.42
4	1,2,3,6,7,8-HxCDD	2.13e4	1.25	NO	0.892	10.018	34.943	34.94	1.000	1.000	15.589	0.321	15.6
5	1,2,3,7,8,9-HxCDD	8.79e3	1.32	NO	0.887	10.018	35.231	35.23	1.000	1.000	7.0184	0.365	7.02
6	1,2,3,4,6,7,8-HpCDD	2.98e5	1.01	NO	0.864	10.018	38.779	38.77	1.000	1.000	331.01	0.913	331
7	OCDD	3.18e6	0.87	NO	0.914	10.018	41.749	41.76	1.000	1.000	3327.7	1.15	3330
8	2,3,7,8-TCDF	1.04e5	0.74	NO	0.751	10.018	25.627	25.62	1.001	1.001	55.767	0.329	55.8
9	1,2,3,7,8-PeCDF	1.95e5	1.54	NO	0.893	10.018	30.190	30.18	1.001	1.001	86.932	0.246	86.9
10	2,3,4,7,8-PeCDF	7.61e4	1.55	NO	0.935	10.018	31.165	31.18	1.001	1.001	33.490	0.244	33.5
11	1,2,3,4,7,8-HxCDF	2.36e5	1.20	NO	0.884	10.018	33.952	33.96	1.000	1.000	176.94	0.416	177
12	1,2,3,6,7,8-HxCDF	6.33e4	1.15	NO	0.889	10.018	34.090	34.09	1.000	1.000	42.498	0.405	42.5
13	2,3,4,6,7,8-HxCDF	1.33e4	1.22	NO	0.934	10.018	34.701	34.69	1.001	1.001	9.4347	0.443	9.43
14	1,2,3,7,8,9-HxCDF	1.18e4	1.08	NO	0.871	10.018	35.582	35.64	1.000	1.001	10.476	0.653	10.5
15	1,2,3,4,6,7,8-HpCDF	1.13e5	1.00	NO	0.873	10.018	37.387	37.36	1.001	1.000	114.14	0.560	114
16	1,2,3,4,7,8,9-HpCDF	1.97e4	1.01	NO	1.01	10.018	39.299	39.32	1.000	1.001	27.003	0.617	27.0
17	OCDF	2.49e5	0.84	NO	0.806	10.018	41.930	41.94	1.000	1.000	290.43	0.563	290
18	13C-2,3,7,8-TCDD	4.68e5	0.77	NO	1.16	10.018	26.522	26.50	1.026	1.026	143.53	71.9	0.225
19	13C-1,2,3,7,8-PeCDD	3.71e5	0.64	NO	0.849	10.018	31.711	31.45	1.227	1.217	155.10	77.7	0.342
20	13C-1,2,3,4,7,8-HxCDD	2.34e5	1.26	NO	0.779	10.018	34.831	34.84	1.014	1.014	164.15	82.2	0.689
21	13C-1,2,3,6,7,8-HxCDD	3.06e5	1.24	NO	1.02	10.018	34.945	34.94	1.017	1.017	164.19	82.2	0.528
22	13C-1,2,3,7,8,9-HxCDD	2.82e5	1.23	NO	0.903	10.018	35.216	35.22	1.025	1.025	170.61	85.5	0.594
23	13C-1,2,3,4,6,7,8-HpCDD	2.08e5	1.11	NO	0.689	10.018	38.740	38.77	1.128	1.129	164.93	82.6	0.633
24	13C-OCDD	4.17e5	0.91	NO	0.652	10.018	41.763	41.75	1.216	1.216	349.54	87.5	0.737
25	13C-2,3,7,8-TCDF	4.96e5	0.75	NO	1.06	10.018	25.564	25.60	0.989	0.991	123.67	61.9	0.361
26	13C-1,2,3,7,8-PeCDF	5.03e5	1.57	NO	0.838	10.018	30.093	30.17	1.165	1.168	158.37	79.3	0.551
27	13C-2,3,4,7,8-PeCDF	4.85e5	1.60	NO	0.817	10.018	31.047	31.15	1.202	1.205	156.84	78.6	0.585
28	13C-1,2,3,4,7,8-HxCDF	3.02e5	0.48	NO	1.01	10.018	33.962	33.95	0.989	0.988	163.42	81.9	0.741
29	13C-1,2,3,6,7,8-HxCDF	3.34e5	0.48	NO	1.17	10.018	34.086	34.08	0.992	0.992	156.40	78.3	0.639
30	13C-2,3,4,6,7,8-HxCDF	3.02e5	0.50	NO	1.02	10.018	34.660	34.67	1.009	1.009	161.34	80.8	0.730
31	13C-1,2,3,7,8,9-HxCDF	2.58e5	0.49	NO	0.860	10.018	35.559	35.58	1.035	1.036	163.85	82.1	0.868

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.27e5	0.42	NO	0.774	10.018	37.308	37.35	1.086	1.087	160.21	80.2	0.674	
33	13C-1,2,3,4,7,8,9-HpCDF	1.44e5	0.40	NO	0.521	10.018	39.338	39.30	1.145	1.144	150.80	75.5	1.00	
34	13C-OCDF	4.24e5	0.83	NO	0.746	10.018	41.934	41.93	1.221	1.221	310.40	77.7	0.606	
35	37Cl-2,3,7,8-TCDD	1.69e5			1.04	10.018	26.553	26.51	1.028	1.026	57.741	72.3	0.141	
36	13C-1,2,3,4-TCDD	5.63e5	0.79	NO	1.00	10.018	25.890	25.84	1.000	1.000	199.65	100	0.261	
37	13C-1,2,3,4-TCDF	7.56e5	0.77	NO	1.00	10.018	24.360	24.16	1.000	1.000	199.65	100	0.383	
38	13C-1,2,3,4,6,9-HxCDF	3.66e5	0.49	NO	1.00	10.018	34.420	34.35	1.000	1.000	199.65	100	0.746	
39	Total Tetra-Dioxins				0.888	10.018	24.620		0.000		9.7823		0.150	10.8
40	Total Penta-Dioxins				0.908	10.018	29.960		0.000		17.769		0.245	20.2
41	Total Hexa-Dioxins				0.892	10.018	33.635		0.000		131.78		0.354	132
42	Total Hepta-Dioxins				0.864	10.018	37.640		0.000		703.09		0.913	703
43	Total Tetra-Furans				0.751	10.018	23.610		0.000		168.89		0.329	172
44	1st Func. Penta-Furans				0.893	10.018	27.580		0.000		28.711		0.0562	28.7
45	Total Penta-Furans				0.893	10.018	29.275		0.000		207.17		0.250	209
46	Total Hexa-Furans				0.934	10.018	33.555		0.000		329.46		0.450	329
47	Total Hepta-Furans				0.873	10.018	37.835		0.000		289.74		0.620	290

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\ldb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

Tetra-Dioxins

Total Tetra-Dioxins	22.52	2.621e4	3.146e4	2.531e3	3.073e3	0.82	NO	5.605e3	2.6906	2.6906	0.150
Total Tetra-Dioxins	22.94	1.265e4	1.613e4	1.221e3	1.551e3	0.79	NO	2.772e3	1.3308	1.3308	0.150
Total Tetra-Dioxins	23.43	6.225e3	7.095e3	4.394e2	5.170e2	0.85	NO	9.564e2	0.45915	0.45915	0.150
Total Tetra-Dioxins	24.34	3.299e3	4.546e3	2.692e2	3.323e2	0.81	NO	6.015e2	0.28874	0.28874	0.150
Total Tetra-Dioxins	24.60	6.084e3	7.834e3	5.578e2	6.768e2	0.82	NO	1.235e3	0.59270	0.59270	0.150
Total Tetra-Dioxins	24.81	1.235e4	1.590e4	8.717e2	1.027e3	0.85	NO	1.899e3	0.91150	0.91150	0.150
Total Tetra-Dioxins	25.02	5.006e3	4.583e3	2.564e2	3.009e2	0.85	NO	5.573e2	0.26752	0.26752	0.150
Total Tetra-Dioxins	25.27	5.054e3	5.444e3	2.935e2	3.612e2	0.81	NO	6.547e2	0.31431	0.31431	0.150
Total Tetra-Dioxins	25.47	3.495e3	6.395e3	3.102e2	3.524e2	0.88	NO	6.626e2	0.31809	0.31809	0.150
Total Tetra-Dioxins	26.24	3.192e4	3.450e4	2.098e3	2.674e3	0.78	NO	4.772e3	2.2909	2.2909	0.150
2,3,7,8-TCDD	26.51	1.207e4	2.255e4	9.077e2	1.478e3	0.61	YES	2.385e3	0.00000	1.0016	0.150
Total Tetra-Dioxins	26.84	3.762e3	6.326e3	2.765e2	3.860e2	0.72	NO	6.626e2	0.31808	0.31808	0.150

Penta-Dioxins

Total Penta-Dioxins	29.25	4.113e4	7.444e4	3.203e3	5.864e3	0.55	NO	9.068e3	5.3671	5.3671	0.245
Total Penta-Dioxins	29.73	1.487e4	1.931e4	7.083e2	1.057e3	0.67	NO	1.765e3	1.0448	1.0448	0.245
Total Penta-Dioxins	30.22	3.901e4	5.183e4	1.858e3	2.946e3	0.63	NO	4.804e3	2.8435	2.8435	0.245
Total Penta-Dioxins	30.40	3.264e4	4.600e4	1.588e3	2.505e3	0.63	NO	4.093e3	2.4226	2.4226	0.245
Total Penta-Dioxins	30.49	1.895e4	2.704e4	1.018e3	1.500e3	0.68	NO	2.517e3	1.4899	1.4899	0.245
Total Penta-Dioxins	30.69	1.753e4	3.062e4	8.417e2	1.488e3	0.57	NO	0.000e0	0.00000	1.3790	0.245
Total Penta-Dioxins	30.75	1.187e4	2.247e4	6.749e2	1.040e3	0.65	NO	0.000e0	0.00000	1.0148	0.245
Total Penta-Dioxins	31.04	8.574e3	1.479e4	4.256e2	7.358e2	0.58	NO	1.161e3	0.68745	0.68745	0.245
1,2,3,7,8-PeCDD	31.47	3.816e4	6.230e4	1.756e3	2.592e3	0.68	NO	4.348e3	2.5739	2.5739	0.245
Total Penta-Dioxins	31.56	9.945e3	1.201e4	4.422e2	7.863e2	0.56	NO	1.229e3	0.72718	0.72718	0.245
Total Penta-Dioxins	31.85	6.067e3	1.261e4	3.842e2	6.516e2	0.59	NO	1.036e3	0.61305	0.61305	0.245

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

Hexa-Dioxins

Total Hexa-Dioxins	33.33	4.739e5	4.011e5	2.355e4	1.939e4	1.21	NO	4.293e4	35.063	35.063	0.354
Total Hexa-Dioxins	33.90	6.730e4	6.573e4	3.828e3	3.336e3	1.15	NO	7.163e3	5.8498	5.8498	0.354
Total Hexa-Dioxins	34.15	6.486e5	5.311e5	4.169e4	3.483e4	1.20	NO	7.652e4	62.493	62.493	0.354
Total Hexa-Dioxins	34.26	2.696e4	2.193e4	1.279e3	1.076e3	1.19	NO	2.355e3	1.9234	1.9234	0.354
1,2,3,4,7,8-HxCDD	34.85	3.087e4	2.416e4	1.510e3	1.422e3	1.06	NO	2.932e3	2.4190	2.4190	0.335
1,2,3,6,7,8-HxCDD	34.94	1.983e5	1.577e5	1.185e4	9.447e3	1.25	NO	2.130e4	15.589	15.589	0.321
Total Hexa-Dioxins	35.13	1.842e4	1.612e4	9.401e2	8.072e2	1.16	NO	1.747e3	1.4269	1.4269	0.354
1,2,3,7,8,9-HxCDD	35.23	8.388e4	6.071e4	5.002e3	3.792e3	1.32	NO	8.794e3	7.0184	7.0184	0.365

Hepta-Dioxins

Total Hepta-Dioxins	37.76	2.242e6	2.202e6	1.682e5	1.669e5	1.01	NO	3.352e5	372.08	372.08	0.913
1,2,3,4,6,7,8-HpCDD	38.77	2.168e6	2.157e6	1.497e5	1.485e5	1.01	NO	2.982e5	331.01	331.01	0.913

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

Tetra-Furans

Total Tetra-Furans	20.36	8.223e3	1.410e4	7.451e2	1.023e3	0.73	NO	1.768e3	0.94746	0.94746	0.329
Total Tetra-Furans	20.89	2.188e4	2.287e4	1.445e3	2.085e3	0.69	NO	3.530e3	1.8914	1.8914	0.329
Total Tetra-Furans	21.51	9.284e4	1.236e5	8.643e3	1.164e4	0.74	NO	2.028e4	10.865	10.865	0.329
Total Tetra-Furans	21.99	1.427e4	1.929e4	1.378e3	1.822e3	0.76	NO	3.201e3	1.7150	1.7150	0.329
Total Tetra-Furans	22.07	2.339e4	3.242e4	2.313e3	3.102e3	0.75	NO	0.000e0	0.00000	2.9011	0.329
Total Tetra-Furans	22.38	1.069e4	1.428e4	4.527e2	6.704e2	0.68	NO	1.123e3	0.60171	0.60171	0.329
Total Tetra-Furans	22.49	1.059e5	1.263e5	1.039e4	1.266e4	0.82	NO	2.304e4	12.346	12.346	0.329
Total Tetra-Furans	22.98	3.572e4	4.563e4	3.346e3	4.331e3	0.77	NO	7.677e3	4.1133	4.1133	0.329
Total Tetra-Furans	23.13	1.992e4	2.743e4	1.781e3	2.453e3	0.73	NO	4.235e3	2.2687	2.2687	0.329
Total Tetra-Furans	23.33	3.261e4	4.012e4	2.647e3	3.532e3	0.75	NO	6.178e3	3.3101	3.3101	0.329
Total Tetra-Furans	23.76	5.414e3	5.889e3	4.223e2	4.833e2	0.87	NO	9.055e2	0.48515	0.48515	0.329
Total Tetra-Furans	23.89	1.254e4	1.925e4	1.014e3	1.399e3	0.72	NO	2.414e3	1.2932	1.2932	0.329
Total Tetra-Furans	24.07	3.426e4	4.791e4	2.233e3	3.362e3	0.66	NO	5.595e3	2.9977	2.9977	0.329
Total Tetra-Furans	24.18	7.734e4	1.025e5	7.069e3	1.024e4	0.69	NO	1.731e4	9.2746	9.2746	0.329
Total Tetra-Furans	24.69	4.020e5	5.540e5	3.241e4	4.448e4	0.73	NO	7.689e4	41.193	41.193	0.329
Total Tetra-Furans	24.97	1.799e4	1.904e4	1.213e3	1.779e3	0.68	NO	2.992e3	1.6028	1.6028	0.329
Total Tetra-Furans	25.18	1.159e4	9.328e3	7.125e2	8.092e2	0.88	NO	1.522e3	0.81529	0.81529	0.329
Total Tetra-Furans	25.42	6.222e3	8.439e3	4.018e2	5.736e2	0.70	NO	9.754e2	0.52261	0.52261	0.329
Total Tetra-Furans	25.53	6.383e4	9.883e4	3.852e3	5.588e3	0.69	NO	9.440e3	5.0578	5.0578	0.329
2,3,7,8-TCDF	25.62	6.011e5	8.221e5	4.437e4	5.971e4	0.74	NO	1.041e5	55.767	55.767	0.329
Total Tetra-Furans	26.00	5.057e4	7.667e4	3.946e3	5.639e3	0.70	NO	9.586e3	5.1359	5.1359	0.329
Total Tetra-Furans	26.24	7.371e3	1.036e4	4.328e2	6.087e2	0.71	NO	1.042e3	0.55801	0.55801	0.329
Total Tetra-Furans	27.62	9.692e4	9.036e4	5.366e3	6.082e3	0.88	NO	1.145e4	6.1333	6.1333	0.329

Penta-Furans function 1

1st Func. Penta-Furans	27.61	6.671e5	3.948e5	3.899e4	2.442e4	1.60	NO	6.341e4	28.711	28.711	0.0562
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

Penta-Furans

Total Penta-Furans	29.06	7.178e4	3.548e4	4.071e3	2.592e3	1.57	NO	6.662e3	3.0166	3.0166	0.250
Total Penta-Furans	29.19	8.591e5	5.475e5	5.500e4	3.470e4	1.58	NO	8.970e4	40.613	40.613	0.250
Total Penta-Furans	29.25	8.732e4	5.902e4	3.171e3	1.895e3	1.67	NO	0.000e0	0.00000	2.2937	0.250
Total Penta-Furans	29.70	8.332e3	5.827e3	2.993e2	2.237e2	1.34	NO	5.230e2	0.23679	0.23679	0.250
Total Penta-Furans	29.79	1.242e5	7.285e4	7.681e3	4.703e3	1.63	NO	1.238e4	5.6072	5.6072	0.250
Total Penta-Furans	29.86	1.850e4	1.179e4	5.970e2	4.446e2	1.34	NO	1.042e3	0.47163	0.47163	0.250
Total Penta-Furans	30.00	1.569e5	1.090e5	8.211e3	5.546e3	1.48	NO	1.376e4	6.2288	6.2288	0.250
1,2,3,7,8-PeCDF	30.18	2.202e6	1.444e6	1.185e5	7.690e4	1.54	NO	1.954e5	86.932	86.932	0.246
Total Penta-Furans	30.28	7.603e4	5.168e4	2.918e3	1.855e3	1.57	NO	4.773e3	2.1610	2.1610	0.250
Total Penta-Furans	30.46	4.807e5	3.000e5	2.755e4	1.776e4	1.55	NO	4.531e4	20.514	20.514	0.250
Total Penta-Furans	31.05	2.369e4	1.879e4	1.265e3	8.311e2	1.52	NO	2.096e3	0.94888	0.94888	0.250
2,3,4,7,8-PeCDF	31.18	8.163e5	5.366e5	4.622e4	2.986e4	1.55	NO	7.609e4	33.490	33.490	0.244
Total Penta-Furans	31.21	3.482e5	2.234e5	7.520e3	4.615e3	1.63	NO	1.213e4	5.4944	5.4944	0.250
Total Penta-Furans	32.09	3.302e4	2.131e4	1.888e3	1.317e3	1.43	NO	3.206e3	1.4515	1.4515	0.250

Hexa-Furans

Total Hexa-Furans	32.78	1.497e5	1.347e5	7.686e3	6.619e3	1.16	NO	1.431e4	10.229	10.229	0.450
Total Hexa-Furans	32.96	5.725e5	4.854e5	2.845e4	2.339e4	1.22	NO	5.184e4	37.070	37.070	0.450
Total Hexa-Furans	33.31	1.209e4	1.054e4	6.268e2	4.794e2	1.31	NO	1.106e3	0.79094	0.79094	0.450
Total Hexa-Furans	33.49	5.558e5	4.589e5	2.850e4	2.376e4	1.20	NO	5.226e4	37.367	37.367	0.450
Total Hexa-Furans	33.86	2.069e4	1.339e4	8.528e2	6.310e2	1.35	NO	1.484e3	1.0610	1.0610	0.450
1,2,3,4,7,8-HxCDF	33.96	2.389e6	2.076e6	1.291e5	1.073e5	1.20	NO	2.364e5	176.94	176.94	0.416
1,2,3,6,7,8-HxCDF	34.09	5.768e5	5.014e5	3.382e4	2.945e4	1.15	NO	6.327e4	42.498	42.498	0.405
2,3,4,6,7,8-HxCDF	34.69	1.233e5	1.017e5	7.330e3	5.998e3	1.22	NO	1.333e4	9.4347	9.4347	0.443
1,2,3,7,8,9-HxCDF	35.64	1.301e5	1.131e5	6.122e3	5.663e3	1.08	NO	1.178e4	10.476	10.476	0.653
Total Hexa-Furans	35.65	1.153e5	9.994e4	2.792e3	2.232e3	1.25	NO	5.024e3	3.5926	3.5926	0.450

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-13.qld

Last Altered: Wednesday, June 03, 2020 11:51:52 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 11:52:21 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.38	8.080e5	7.846e5	5.675e4	5.673e4	1.00	NO	1.135e5	114.14	114.14	0.580
Total Hepta-Furans	37.78	1.447e4	1.054e4	8.322e2	7.043e2	1.18	NO	1.536e3	1.8927	1.8927	0.620
Total Hepta-Furans	37.98	8.236e5	7.941e5	5.920e4	5.989e4	0.99	NO	1.191e5	146.70	146.70	0.620
1,2,3,4,7,8,9-HpCDF	39.32	1.658e5	1.623e5	9.881e3	9.830e3	1.01	NO	1.971e4	27.003	27.003	0.617

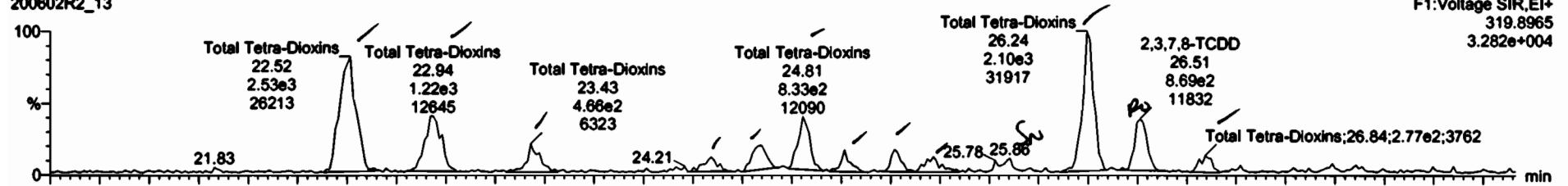
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

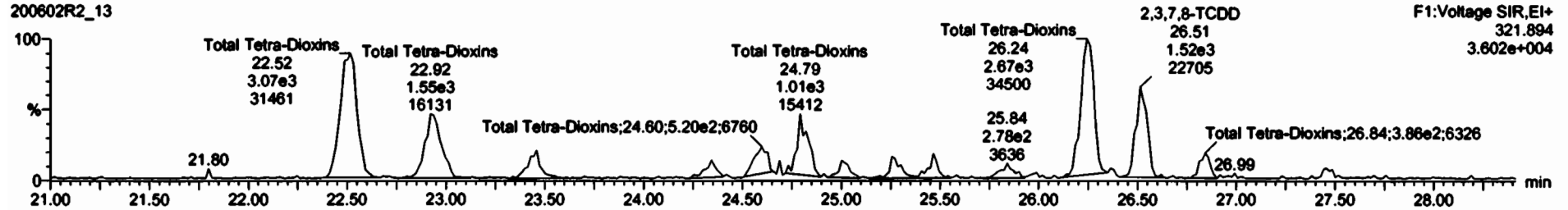
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

2,3,7,8-TCDD

200602R2_13

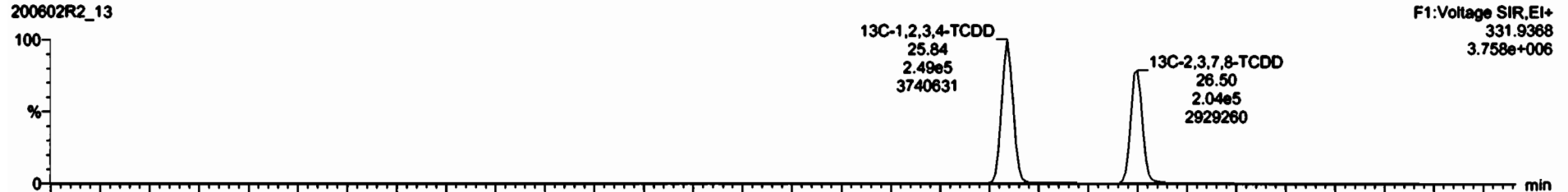


200602R2_13

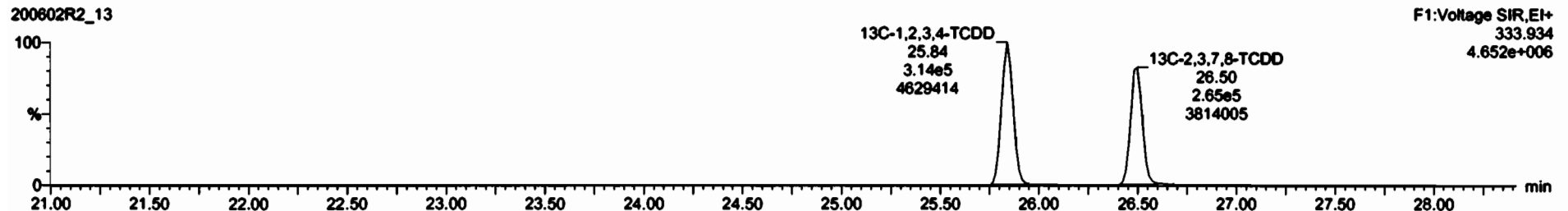


13C-2,3,7,8-TCDD

200602R2_13



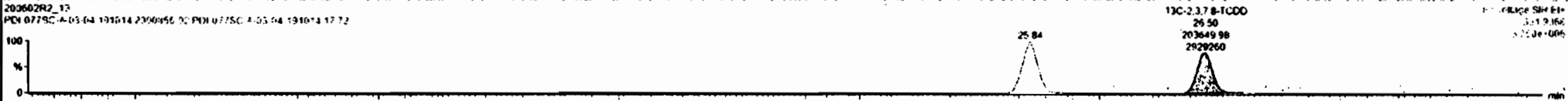
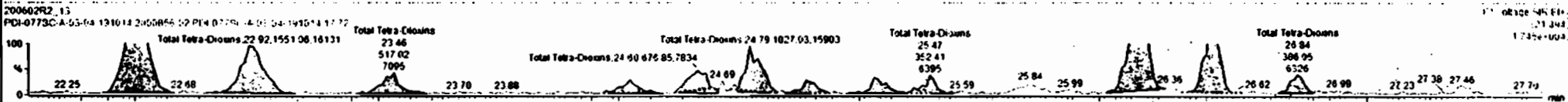
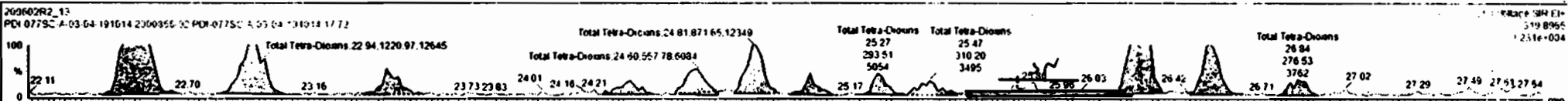
200602R2_13





Item	Resp	RA	dy	RF	what	RT	RTT	Comp	%Rec	CL	EMPC
20	0.0000	0.0000									
40	0.0001	10.018						15.8		0.245	19.1

Item	RT	alt Resp	alt Resp	RA	dy	EMPC	Comp
1	22.52	2.531e3	3.073e3	0.82	NO	2.5008	2.8908
2	22.94	1.221e3	1.551e3	0.79	NO	1.3368	1.3368
3	23.43	4.294e2	5.170e2	0.86	NO	0.45915	0.45915
4	24.34	2.092e2	3.323e2	0.81	NO	0.28874	0.28874
5	24.60	5.778e2	5.768e2	0.82	NO	0.59270	0.59270
6	24.81	8.717e2	1.027e3	0.82	NO	0.91150	0.91150
7	25.02	2.564e2	3.009e2	0.86	NO	0.26752	0.26752
8	25.27	2.637e2	3.812e2	0.81	NO	0.31431	0.31431
9	25.47	3.102e2	3.524e2	0.86	NO	0.31809	0.31809
10	26.24	2.090e3	2.574e3	0.78	NO	2.2909	2.2909
11	26.51	9.077e2	1.478e3	0.61	YES	1.0816	0.00000
12	26.84	2.765e2	3.860e2	0.72	NO	0.31808	0.31808



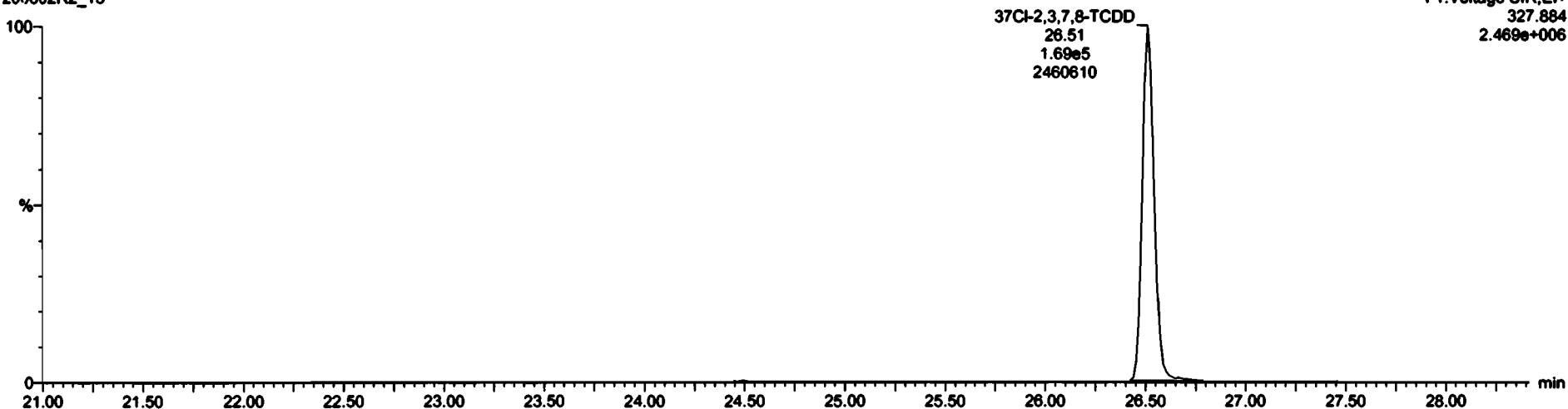
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

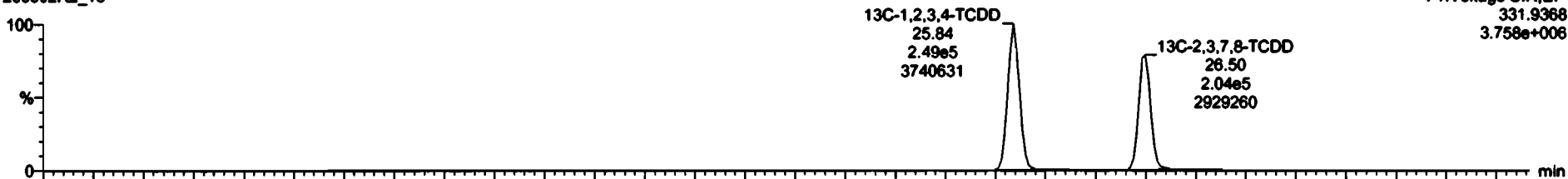
37Cl-2,3,7,8-TCDD

200602R2_13

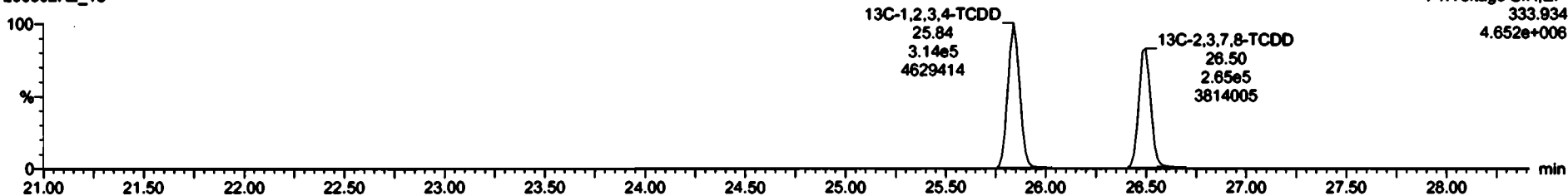


13C-1,2,3,4-TCDD

200602R2_13



200602R2_13



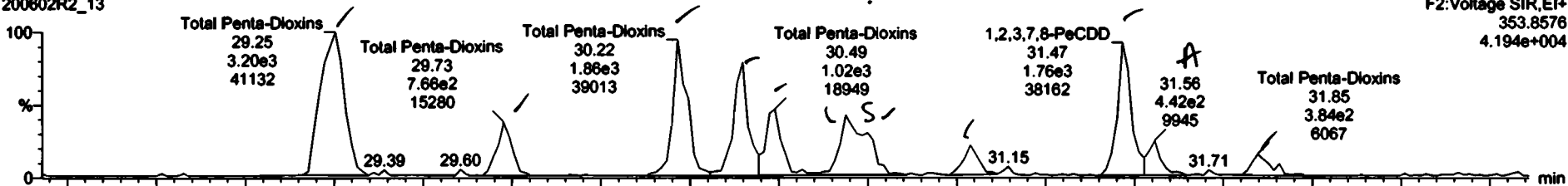
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

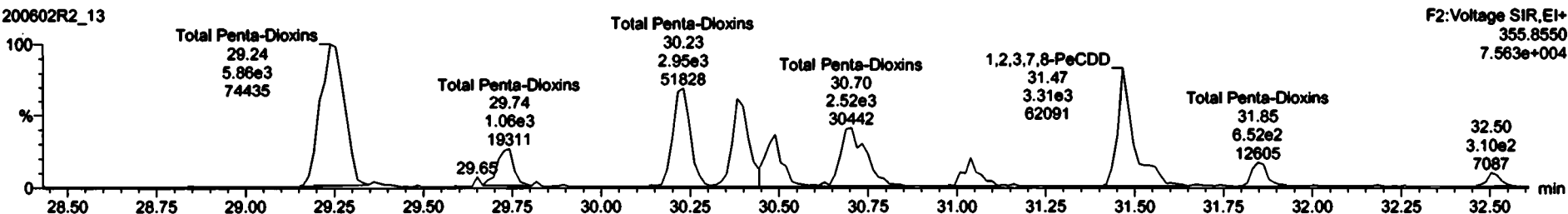
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

1,2,3,7,8-PeCDD

200602R2_13

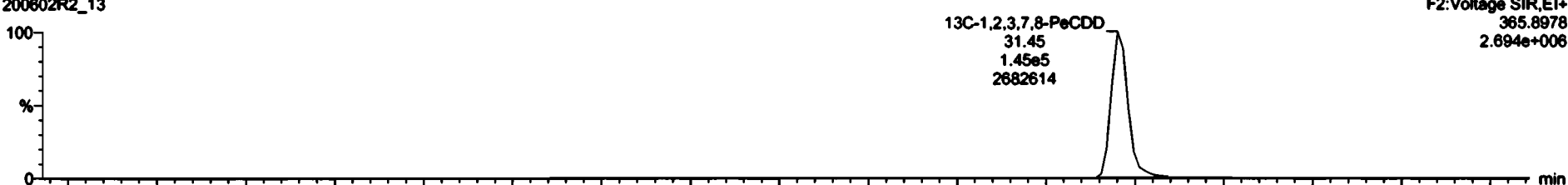


200602R2_13

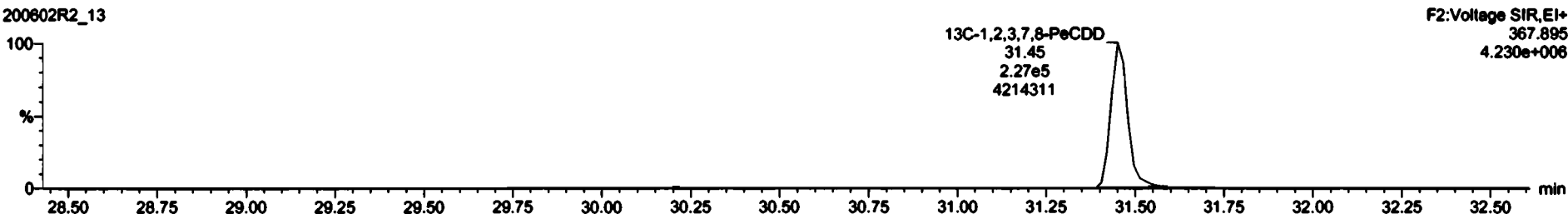


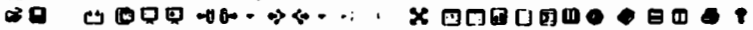
13C-1,2,3,7,8-PeCDD

200602R2_13



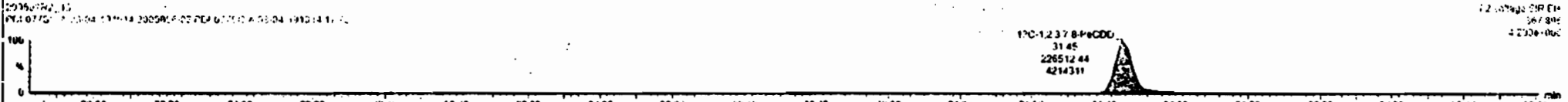
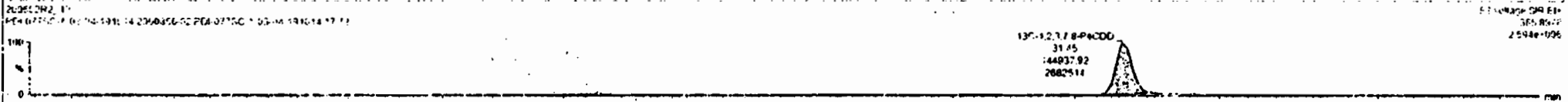
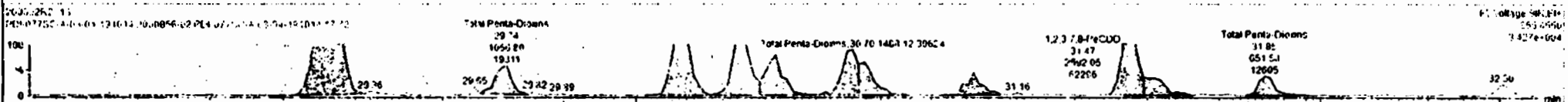
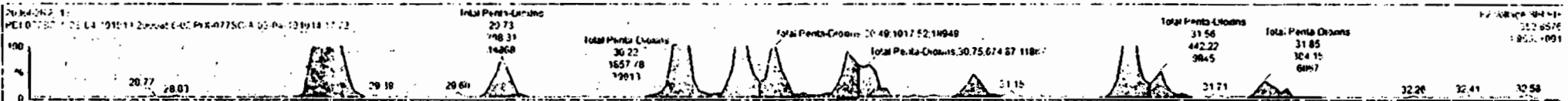
200602R2_13





Name	Area	RA	avg	SD	width	WT	RT	Area	%Area	RT	FWHM
Total Penta-Chlorins	0.8881	10.015						0.150	10.5		
Total Penta-Chlorins								0.8881	10.5		

Name	Area	RA	avg	SD	width	WT	RT	Area	%Area	RT	FWHM
Total Penta-Chlorins	29.25	7.203e-1	1.994e-3	0.55	1.0	1.0	29.25	1.3071	1.3071		
Total Penta-Chlorins	29.73	7.303e-1	1.957e-3	0.67	1.0	1.0	29.73	1.3448	1.3448		
Total Penta-Chlorins	30.22	1.858e-3	2.944e-3	0.83	1.0	1.0	30.22	2.4435	2.4435		
Total Penta-Chlorins	30.49	1.580e-1	2.092e-3	0.62	1.0	1.0	30.49	2.4226	2.4226		
Total Penta-Chlorins	30.79	1.014e-3	1.500e-3	0.76	1.0	1.0	30.79	1.4896	1.4896		
Total Penta-Chlorins	30.89	8.417e-2	1.488e-1	0.47	1.0	1.0	30.89	1.7750	1.7750		
Total Penta-Chlorins	30.75	6.798e-1	1.849e-1	0.46	1.0	1.0	30.75	1.0348	1.0348		
Total Penta-Chlorins	31.04	4.246e-2	7.752e-2	0.27	1.0	1.0	31.04	0.57745	0.57745		
1,2,3,7,8-PeCDD	31.47	1.556e-3	2.987e-3	0.68	1.0	1.0	31.47	2.5775	2.5775		
Total Penta-Chlorins	31.56	4.423e-2	7.683e-2	0.58	1.0	1.0	31.56	0.72718	0.72718		
Total Penta-Chlorins	31.85	3.842e-2	5.313e-2	0.50	1.0	1.0	31.85	0.41295	0.41295		



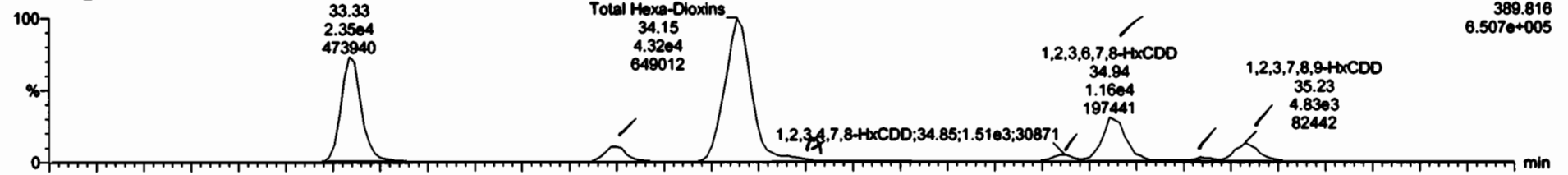
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

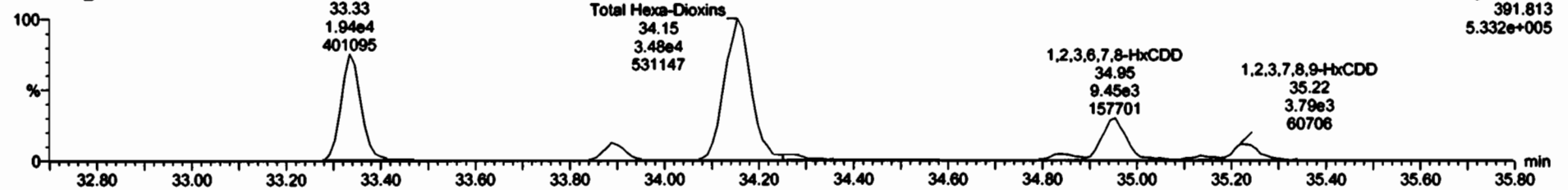
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

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

200602R2_13



200602R2_13

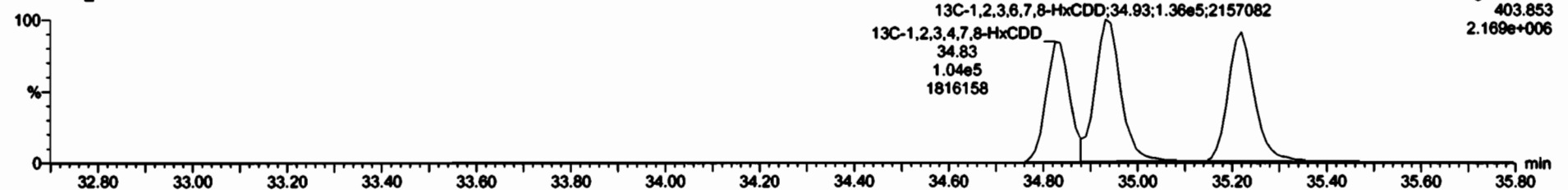


13C-1,2,3,4,7,8-HxCDD

200602R2_13

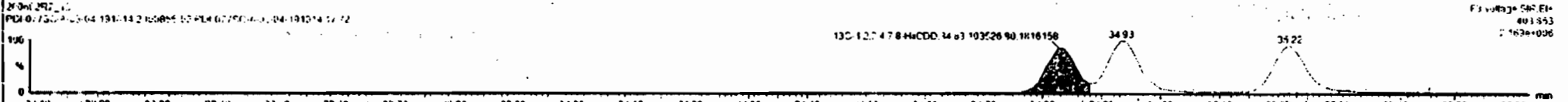
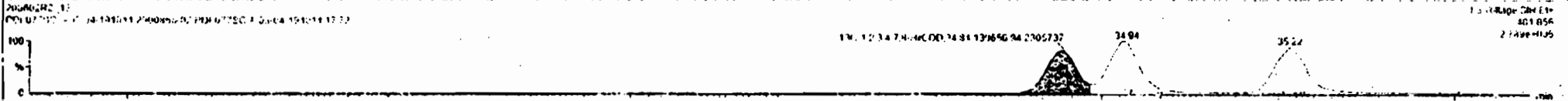
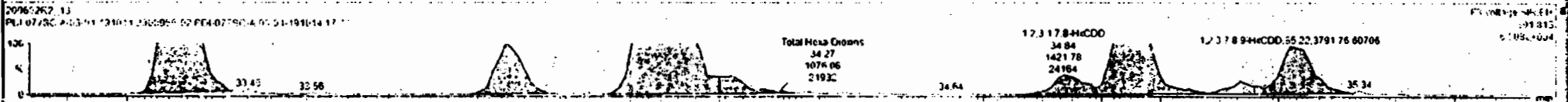
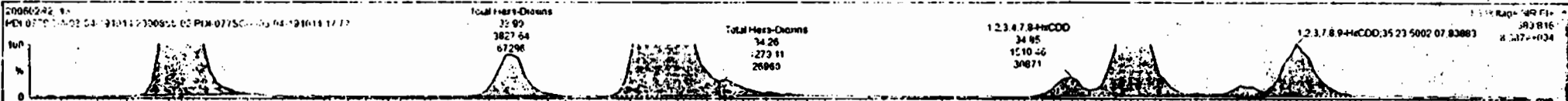


200602R2_13



#	Range	Resp	RA	oxy	RPF	wtVol	WT	RWT	Conc	%Rec	UL	EMF
20	Total Hexa-Chloro				6.68E-1	10.018			9.79		0.150	10.3
40	Total Hepta-Chloro				0.200E1	10.018			17.7		0.244	20.2

#	Range	RF	wt Resp	wt Resp	RA	oxy	EMPF	Conc
1	Total Hexa-Chloro	33.25	2.35E-4	1.93E-4	1.21	NO	35.063	1.061
2	Total Hexa-Chloro	33.99	3.82E-4	3.13E-4	1.15	NO	7.6495	1.346
3	Total Hexa-Chloro	34.15	4.10E-4	1.483E-4	1.20	NO	62.463	62.493
4	Total Hexa-Chloro	34.26	1.279E-3	1.070E-3	1.19	NO	1.5234	1.8234
5	1,2,3,4,7,8-HxCDD	34.85	1.410E-2	1.422E-3	1.00	NO	2.4193	2.4190
6	2,3,6,7,8-HxCDD	34.94	1.18E-4	9.44E-5	1.22	NO	1.1581	1.1585
7	Total Hexa-Chloro	35.13	9.401E-2	8.072E-2	1.12	NO	1.4269	1.4265
8	1,2,3,7,8-HxCDD	35.23	1.902E-3	1.793E-3	1.32	NO	7.8184	7.8184



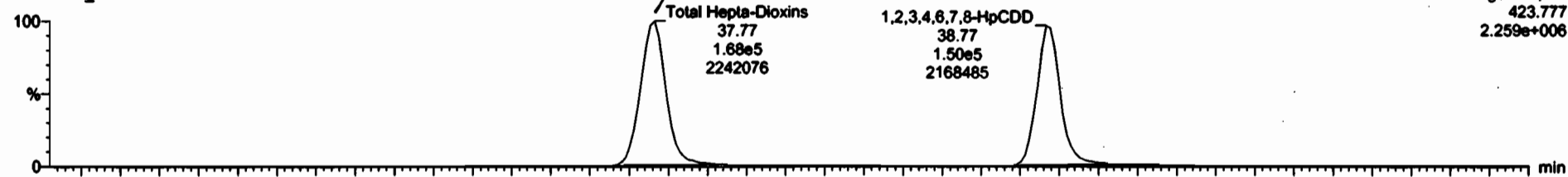
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

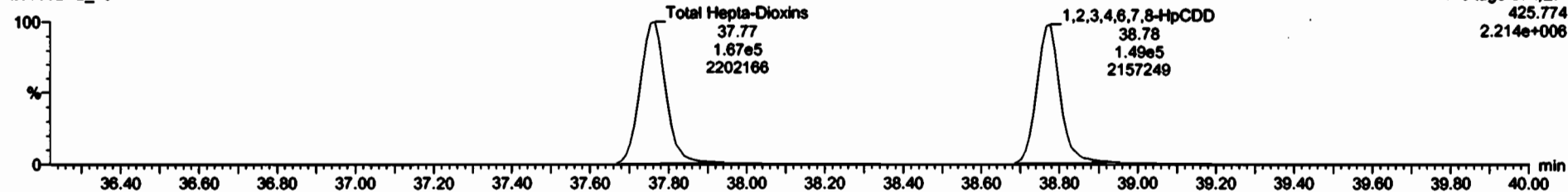
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

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

200602R2_13



200602R2_13

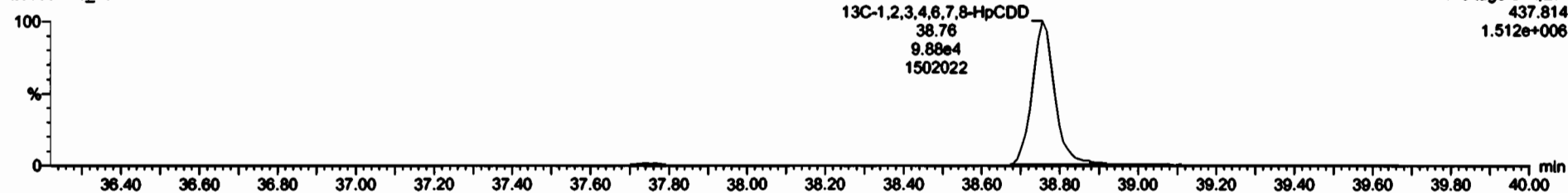


13C-1,2,3,4,6,7,8-HpCDD

200602R2_13



200602R2_13



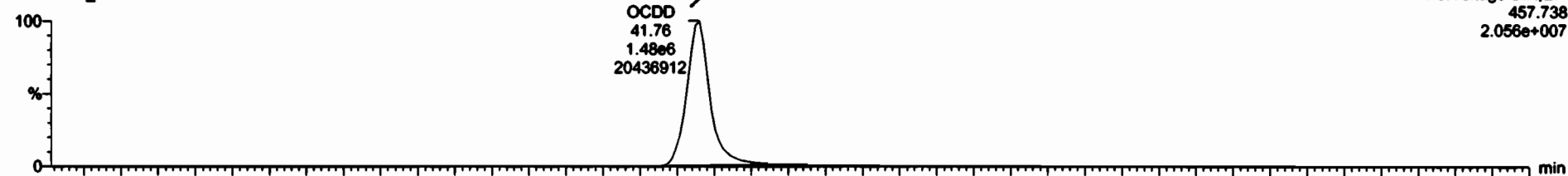
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

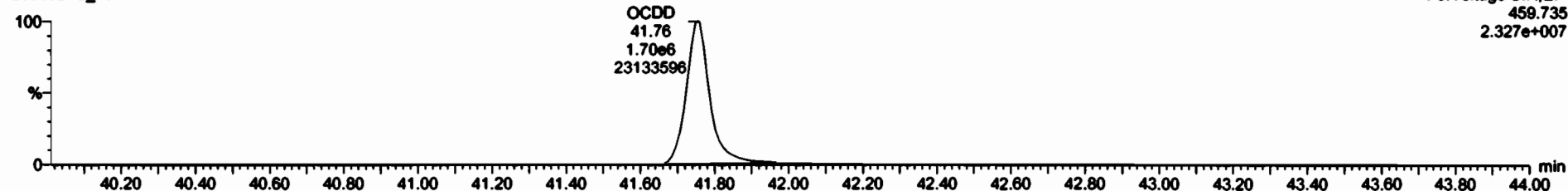
OCDD

200602R2_13



F5:Voltage SIR,EI+
457.738
2.056e+007

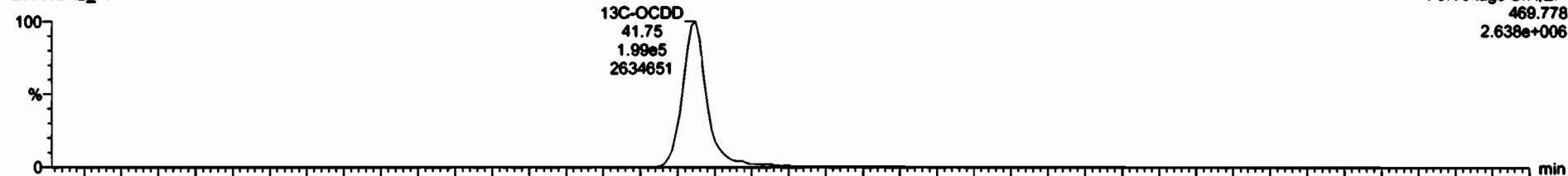
200602R2_13



F5:Voltage SIR,EI+
459.735
2.327e+007

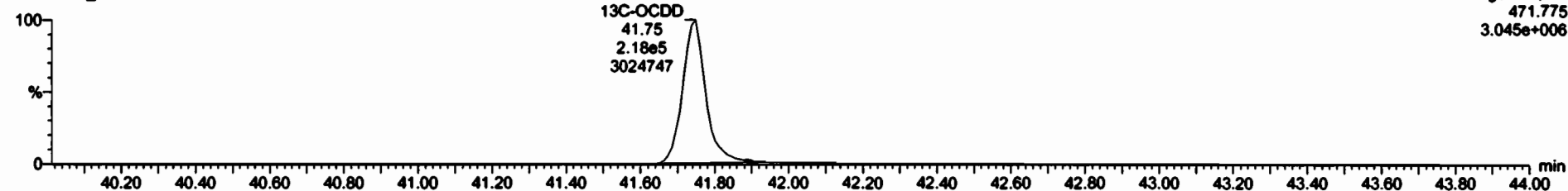
13C-OCDD

200602R2_13



F5:Voltage SIR,EI+
469.778
2.638e+006

200602R2_13



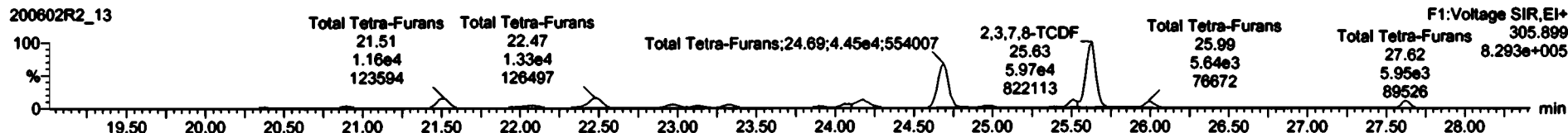
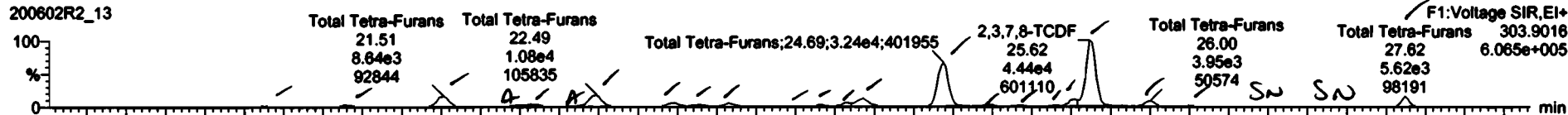
F5:Voltage SIR,EI+
471.775
3.045e+006

Dataset: Untitled

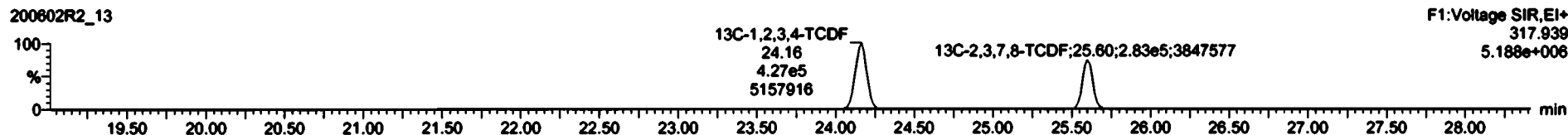
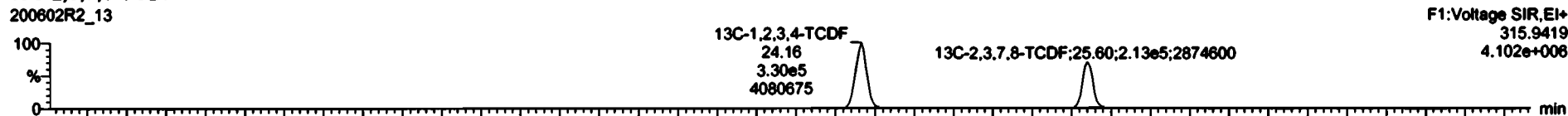
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

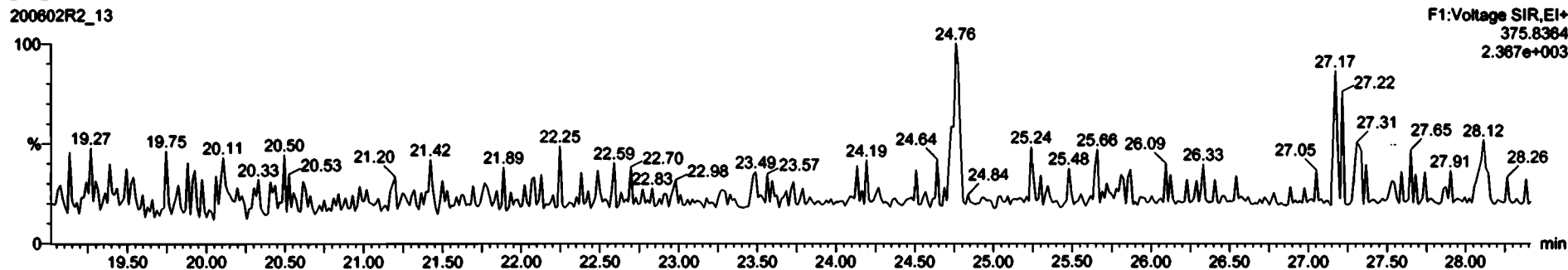
2,3,7,8-TCDF



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



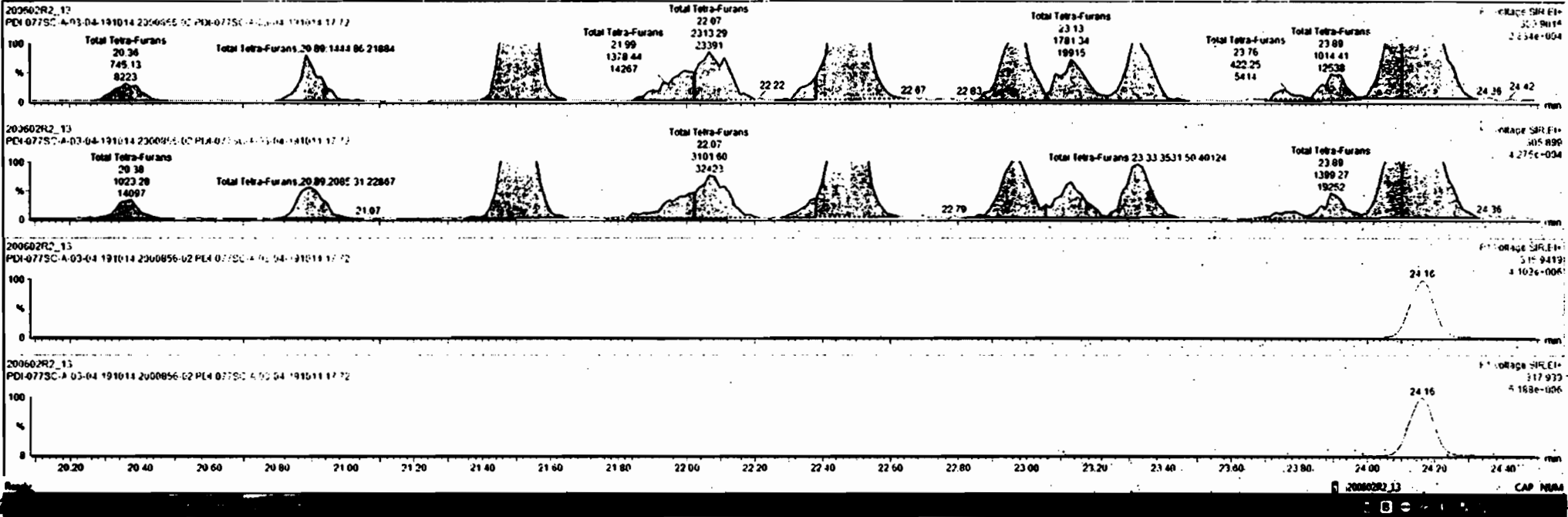
DPE1





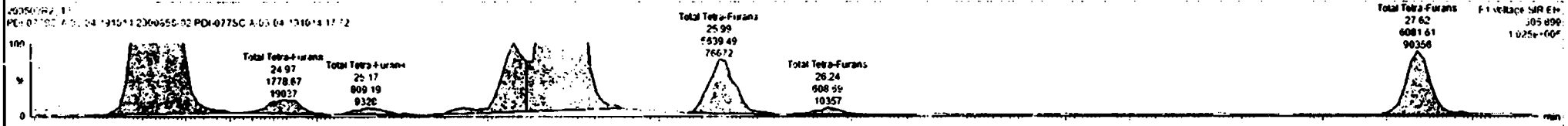
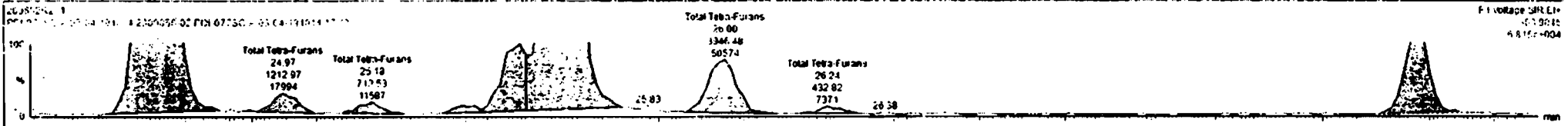
Name	Resp	RA	dy	RF	uval	RT	RTT	Conc	%Rec	DL	EMPC
Total Tetra-Furans				0.8635	10.010			703	0.913	703	
				0.7982	10.000						

Name	RT	Std Resp	Std Resp	RA	dy	EMPC	Conc.
1 Total Tetra-Furans	20.36	7.451e2	1.023e3	0.72	NO	0.54746	0.94746
2 Total Tetra-Furans	20.80	1.445e3	2.052e3	0.69	NO	1.8914	1.8914
3 Total Tetra-Furans	21.51	8.543e2	1.164e4	0.74	NO	10.865	10.865
4 Total Tetra-Furans	21.99	1.378e3	1.822e3	0.78	NO	1.7150	1.7150
5 Total Tetra-Furans	22.07	2.313e3	3.162e3	0.75	NO	2.9811	0.08000
6 Total Tetra-Furans	22.38	4.527e2	6.794e2	0.68	NO	0.60171	0.60171
7 Total Tetra-Furans	22.49	1.039e4	1.266e4	0.62	NO	12.346	12.346
8 Total Tetra-Furans	22.96	3.346e3	4.331e3	0.77	NO	4.1133	4.1133
9 Total Tetra-Furans	23.13	1.781e3	2.453e3	0.73	NO	2.2687	2.2687
10 Total Tetra-Furans	23.33	2.847e3	3.132e3	0.75	NO	3.3181	3.3181
11 Total Tetra-Furans	23.76	4.223e2	4.833e2	0.67	NO	0.48515	0.48515
12 Total Tetra-Furans	23.80	1.014e3	1.389e3	0.72	NO	1.2932	1.2932
13 Total Tetra-Furans	24.07	2.233e3	3.382e3	0.66	NO	2.8977	2.9977
14 Total Tetra-Furans	24.18	7.069e3	1.024e4	0.60	NO	9.2746	9.2746



Name	Temp	RA	dy	REP	Sample	RT	RRT	Conc.	%Rec	RL	EMPC
42 Total Hepta-Furans				0.8636	13.01E			70		3.913	702
43 Total Tetra-Furans				0.8636	13.01E			100		8.529	172

Name	RT	int Resp	ref Resp	RA	dy	EMPC	Conc.
14 Total Tetra-Furans	24.18	7.00e3	1.02e4	0.68	NO	3.274E	9.274E
15 Total Tetra-Furans	24.60	3.24e4	4.44e4	0.73	NO	4.113E	4.113E
16 Total Tetra-Furans	24.97	1.21e3	1.77e3	0.68	NO	1.602E	1.602E
17 Total Tetra-Furans	25.18	7.12e2	8.06e2	0.88	NO	8.6152E	8.6152E
18 Total Tetra-Furans	25.42	4.01e2	4.73e2	0.70	NO	5.529E	5.529E
19 Total Tetra-Furans	25.51	3.85e3	5.18e3	0.86	NO	5.057E	5.057E
20 2,3,7,8-TCDF	25.62	4.43e4	4.97e4	0.74	NO	5E7E	5E7E
21 Total Tetra-Furans	26.00	3.84e3	5.03e3	0.70	NO	5.13E	5.13E
22 Total Tetra-Furans	26.24	4.32e2	4.68e2	0.71	NO	4.560E	4.560E
23 Total Tetra-Furans	27.62	5.38e3	6.06e3	0.88	NO	6.173E	6.173E



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

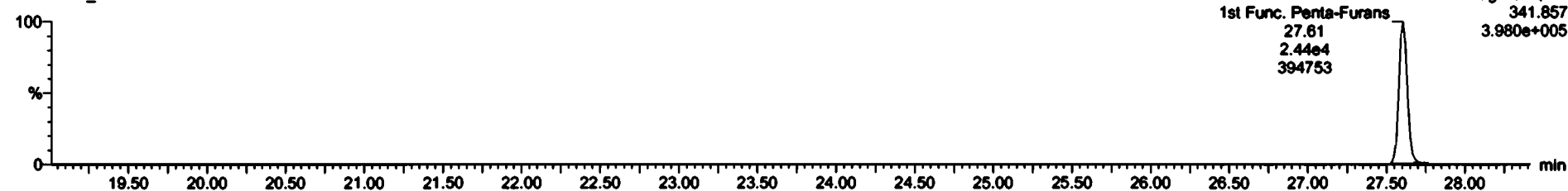
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

1st Func. Penta-Furans

200602R2_13

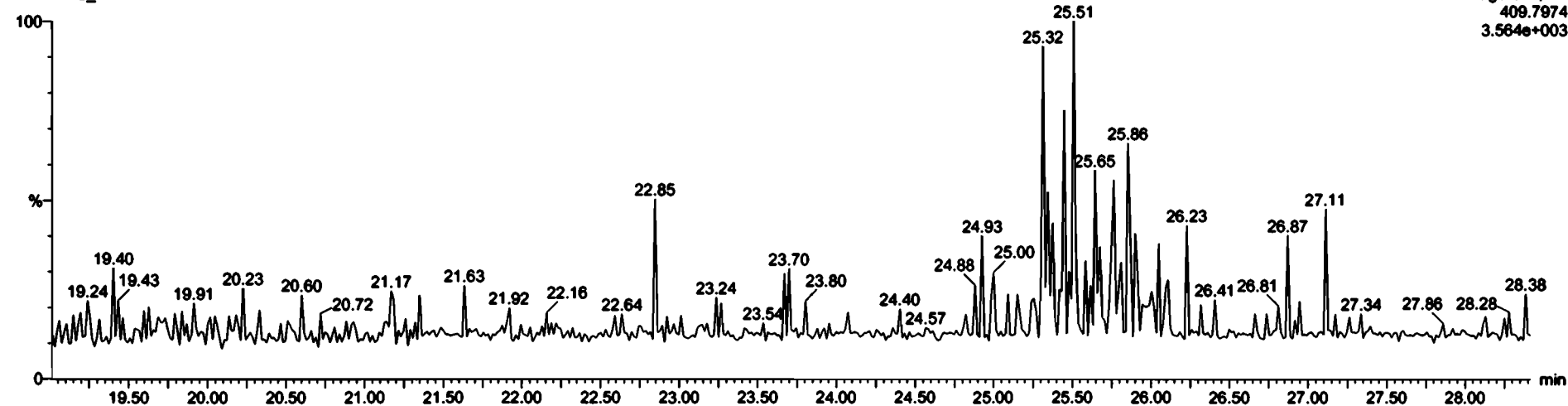


200602R2_13



DPE6

200602R2_13

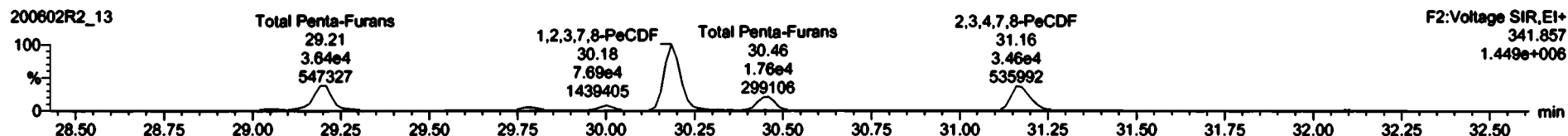
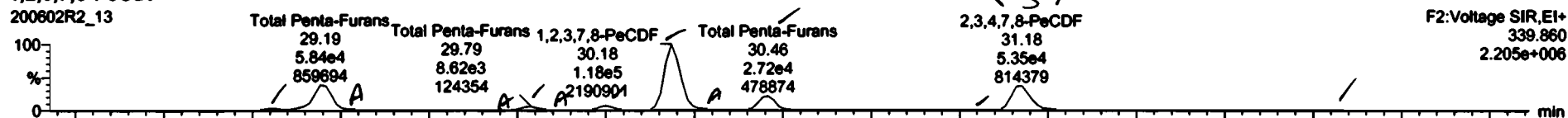


Dataset: Untitled

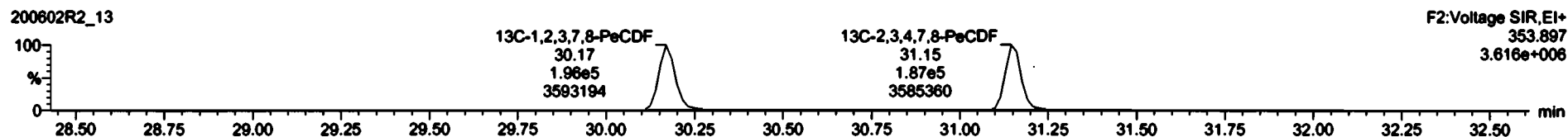
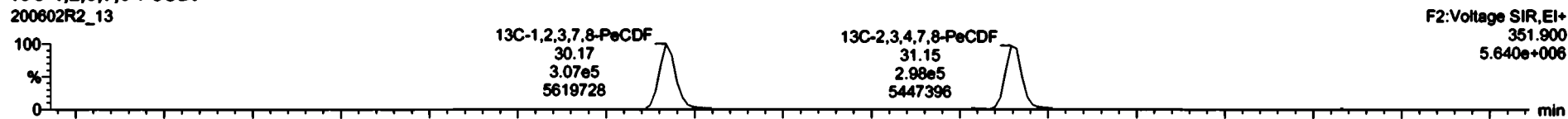
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

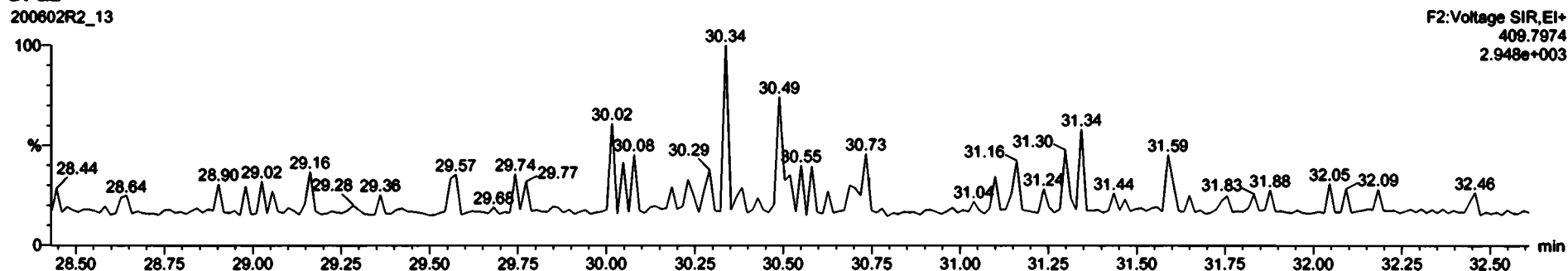
1,2,3,7,8-PeCDF



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



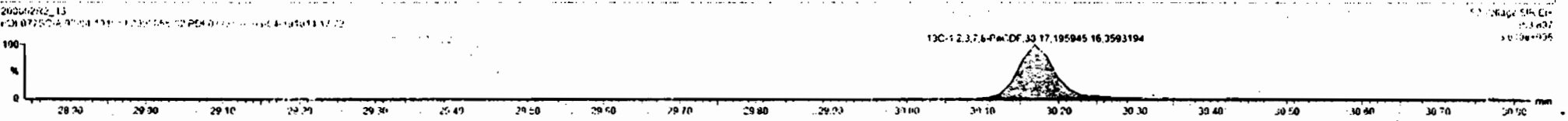
DPE2





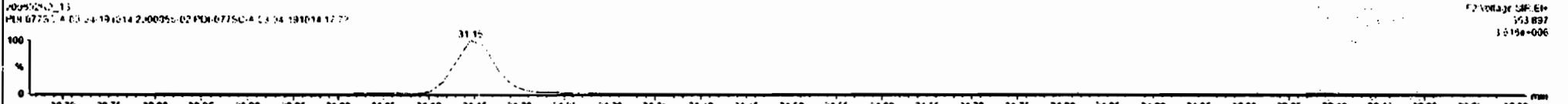
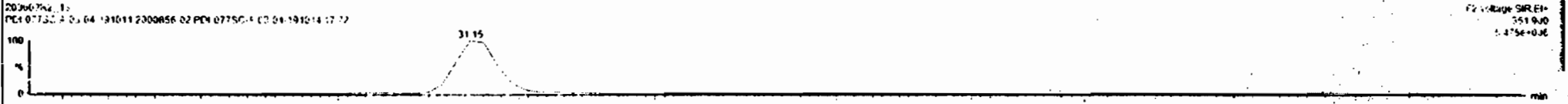
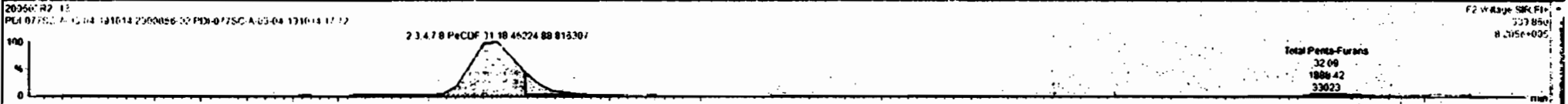
SI	Name	Resp	PA	WV	RT	WVSP	RT	WV	Comp	%Rec	C	EMPC
46	Total Penta-Furans				0.8341	12.015				287	0.250	216
48	Total Hexa-Furans									228	0.269	229

SI	Name	RT	WV	WVSP	PA	WV	EMPC	Comp
1	Total Penta-Furans	29.76	1.071e3	2.552e3	1.27	NO	3.0164	1.8160
2	Total Penta-Furans	29.15	5.569e4	2.470e4	1.56	NO	40.613	40.613
3	Total Penta-Furans	29.25	3.171e3	1.902e3	1.81	NO	2.2937	0.10000
4	Total Penta-Furans	29.75	2.056e7	2.158e2	1.61	NO	0.23797	0.22797
5	Total Penta-Furans	29.19	1.681e3	4.753e3	1.63	NO	1.6677	3.6672
6	Total Penta-Furans	29.65	5.570e2	4.489e2	1.24	NO	0.42163	0.71023
7	Total Penta-Furans	30.00	2.211e2	5.985e3	1.48	NO	0.2280	0.2280
8	1,2,3,4-PeCDF	30.10	1.107e7	7.950e4	1.74	NO	36.322	16.936
9	Total Penta-Furans	30.26	2.419e3	1.805e3	1.57	NO	2.1570	2.1610
10	Total Penta-Furans	30.46	7.755e4	7.760e4	1.56	NO	20.514	20.514
11	Total Penta-Furans	31.05	1.265e3	7.585e2	1.60	NO	0.93022	0.92052
12	2,3,4,7,8-PeCDF	31.18	5.350e4	1.401e4	1.55	NO	38.750	38.750
13	Total Penta-Furans	31.02	1.929e3	1.117e3	1.45	NO	1.4512	1.4512
14	Total Penta-Furans	32.21	0.120e2	4.504e2	3.06	NO	0.51840	0.00000



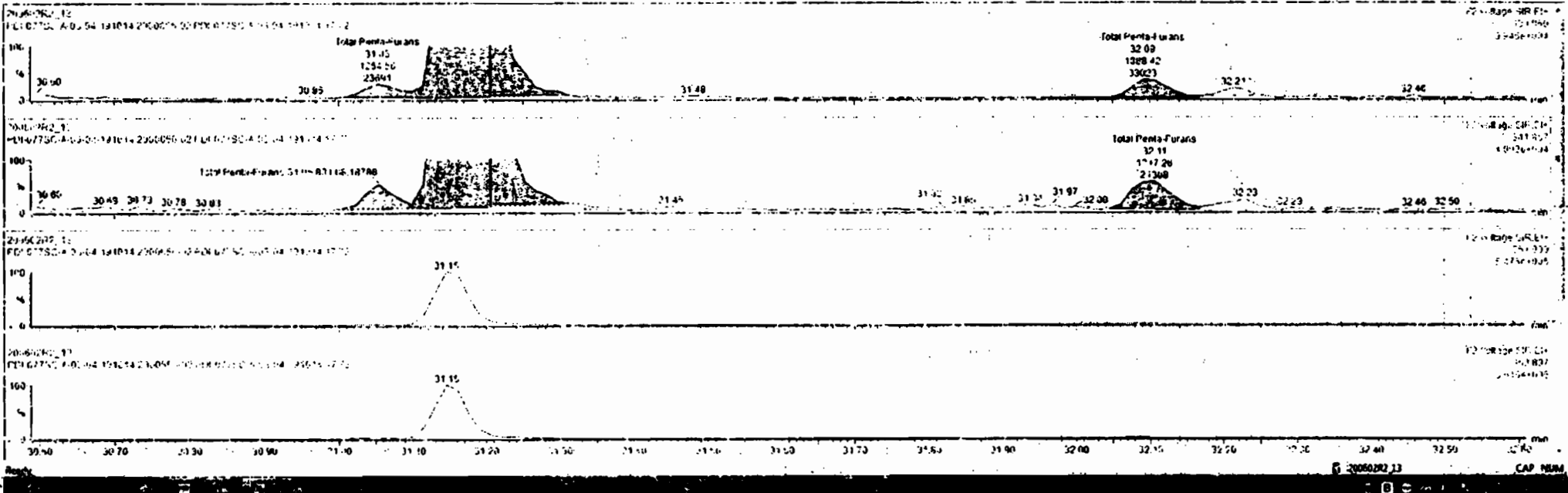
ID	Name	Resp	RA	dy	RF	RF1	RF2	Comp	%Inc	DL	EMPC
46	Total Penta-Furans				0.0341	10.016				0.450	32.0

ID	Name	RF	net Resp	nd Resp	RA	dy	FAPC	Comp
1	Total Penta-Furans	20.02	4.071e3	2.562e3	1.17	NO	3.0156	7.9168
2	Total Penta-Furans	20.10	5.500e4	3.470e4	1.16	NO	43.613	46.811
3	Total Penta-Furans	20.25	3.171e3	1.895e3	1.07	NO	2.2937	0.08000
4	Total Penta-Furans	20.70	2.993e2	2.237e2	1.34	NO	0.43679	0.23675
5	Total Penta-Furans	19.70	7.661e3	4.703e3	1.43	NO	4.4972	5.6012
6	Total Penta-Furans	20.85	5.970e2	4.405e2	1.28	NO	0.41183	0.47163
7	Total Penta-Furans	19.00	8.211e3	5.548e3	1.48	NO	8.2286	6.2280
8	2,3,4,7,8-PeCDF	30.18	1.185e5	7.690e4	1.54	NO	86.832	86.432
9	Total Penta-Furans	30.20	2.918e3	1.855e3	1.47	NO	2.1610	2.1610
10	Total Penta-Furans	30.46	2.735e4	1.776e4	1.56	NO	20.514	20.514
11	Total Penta-Furans	31.05	1.285e3	8.311e2	1.12	NO	8.5408	8.5408
12	2,3,4,7,8-PeCDF	31.18	4.622e4	2.808e4	1.55	NO	33.490	33.490
13	Total Penta-Furans	31.21	7.520e3	4.615e3	1.22	NO	5.4981	5.4981
14	Total Penta-Furans	32.00	1.580e3	1.317e3	1.40	NO	1.4515	1.4515



RT	Name	Area	%	Adj	Int	Height	W	RT	Comp	Area	%	Comp
30.95	Total Penta-Furans	123456	100.00		1000000	1000000	100	30.95		123456	100.00	

RT	Name	Area	%	Adj	Int	Height	W	RT	Comp	Area	%	Comp
30.95	Total Penta-Furans	123456	100.00		1000000	1000000	100	30.95		123456	100.00	
31.45	Total Penta-Furans	123456	100.00		1000000	1000000	100	31.45		123456	100.00	
31.95	Total Penta-Furans	123456	100.00		1000000	1000000	100	31.95		123456	100.00	
32.45	Total Penta-Furans	123456	100.00		1000000	1000000	100	32.45		123456	100.00	

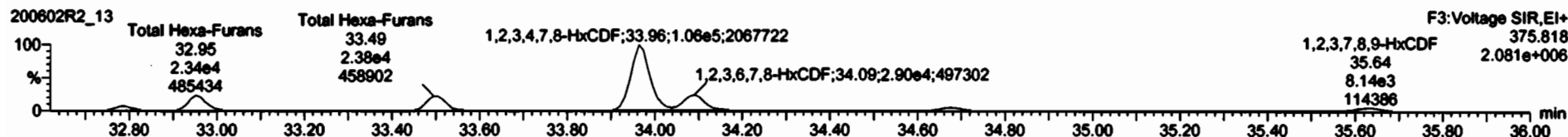
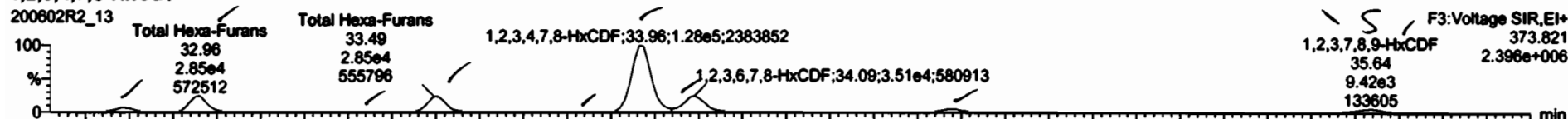


Dataset: Untitled

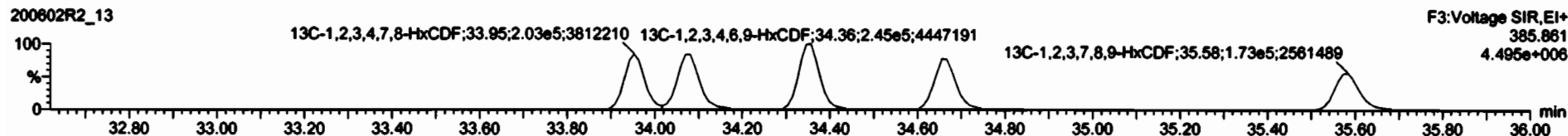
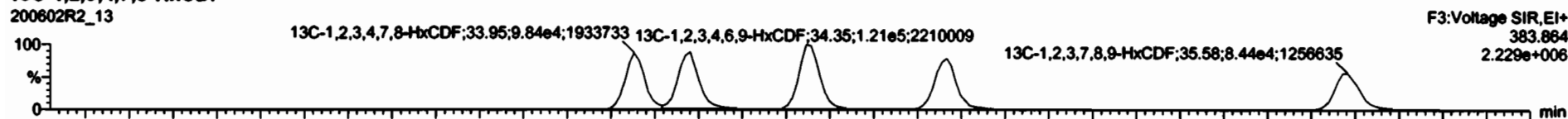
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

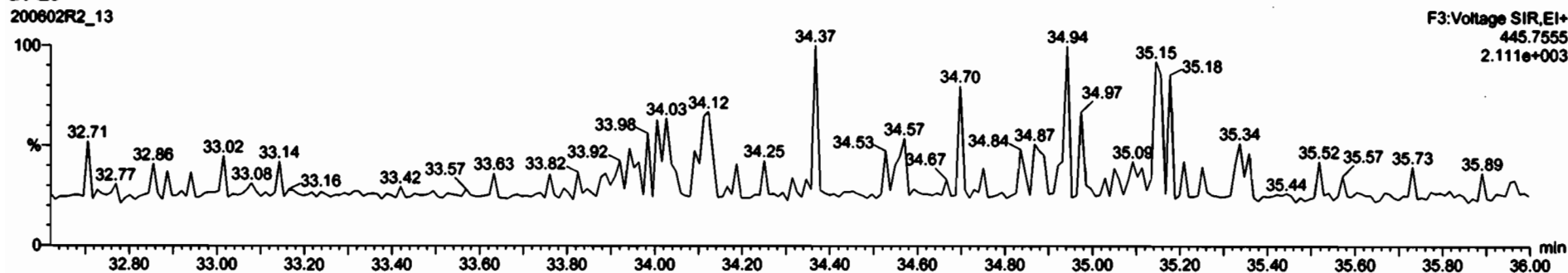
1,2,3,4,7,8-HxCDF



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

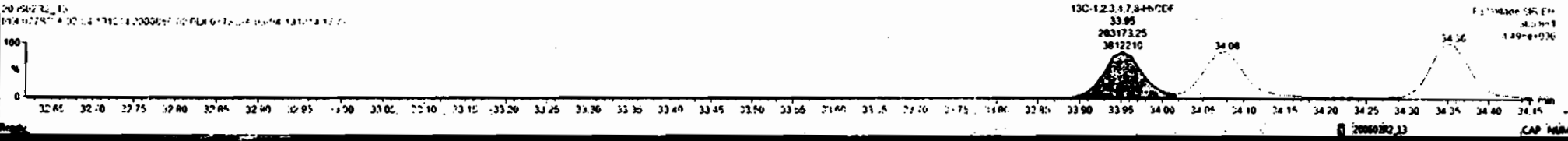
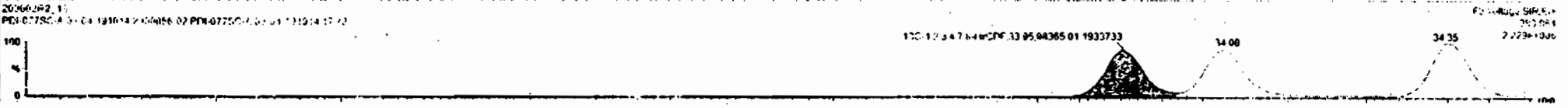
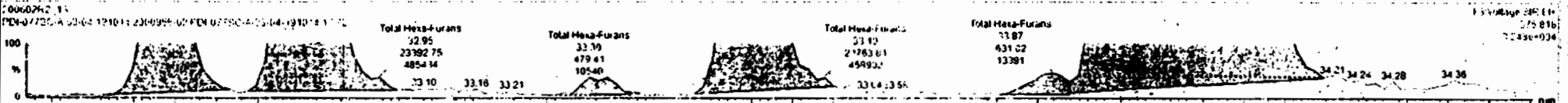


DPE3



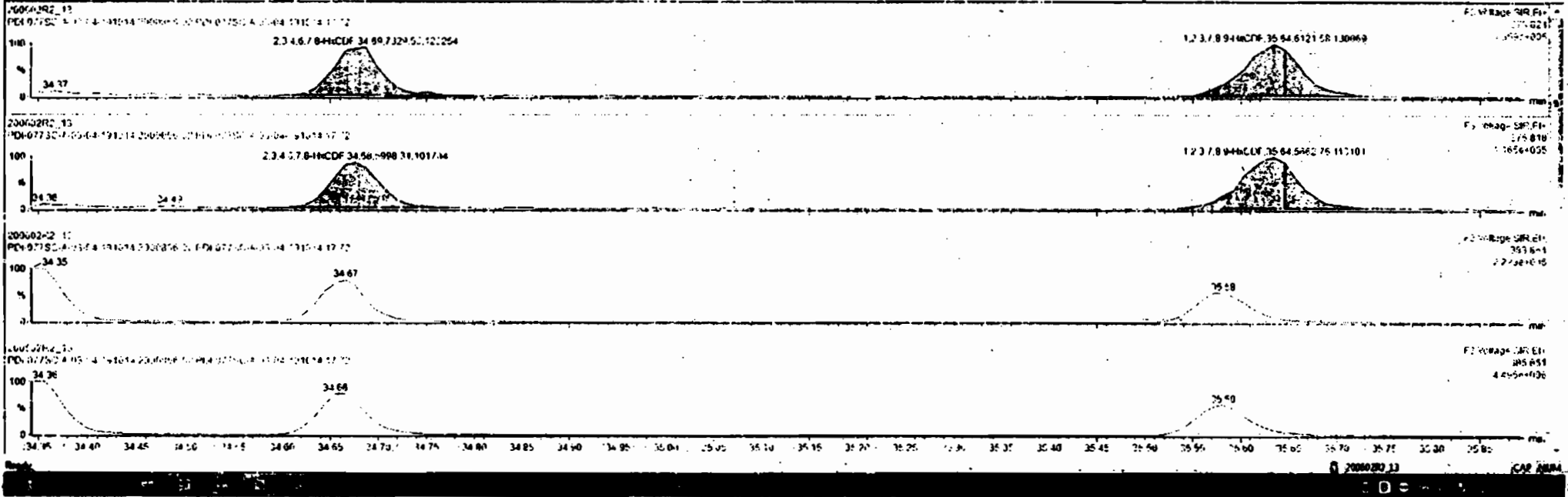
ID	Name	Temp	RA	RY	RR	WHR	RT	RST	Conc	WRec	PL	EMPC
42	Total Hexa-Furans				0.0025	10.018			30		0.250	70
48	Total Hexa-Furans				0.0001	30.000			300		0.400	3.1

ID	Name	PT	wt Ramp	wt Ramp	RA	RY	RR	Conc
1	Total Hexa-Furans	32.76	7.00e3	0.510e1	1.14	NO	10.224	10.229
2	Total Hexa-Furans	32.96	2.042e4	2.329e4	1.22	NO	39.010	37.070
3	Total Hexa-Furans	33.31	6.202e2	4.704e2	1.1	NR	0.70004	0.70004
4	Total Hexa-Furans	33.49	2.050e4	2.772e4	1.20	NO	17.307	17.967
5	Total Hexa-Furans	33.86	0.510e2	0.310e2	1.15	NO	1.0010	1.0010
6	1,2,3,4,7-HeptaCDF	33.90	1.291e5	1.073e5	1.20	NO	170.94	16.94
7	1,2,3,5,7,8-HxCDF	34.05	0.382e4	1.000e4	1.15	NO	42.438	42.498
8	2,3,4,6,8-HxCDF	34.49	7.330e3	7.090e3	1.2	NO	5.4347	5.4547
9	1,2,3,7,8,9-HxCDF	35.63	0.417e2	6.130e3	1.15	NO	15.406	5.068



Name	Wgt	RA	Wt	RF	Wt	RT	RF	Wt	RF	Wt	RF
Total Hexa-Furans			0.8035	10.018						0.250	.05
Total Hexa-Phenols			0.9549	94.888						0.045	0.95

Name	RT	Wt	RF	Wt	RF	Wt	RF	Wt	RF
Total Hexa-Furans	32.74	7.90e-3	6.219e1	1.16	NO	13.229	10.7		
Total Hexa-Furans	32.96	2.34e-7	2.339e4	1.27	NO	37.976	37.070		
Total Hexa-Furans	32.57	5.21e-2	4.704e7	1.21	NO	0.78094	0.78094		
Total Hexa-Furans	33.49	2.819e4	2.378e4	1.26	NO	27.567	27.567		
Total Hexa-Furans	33.84	8.726e7	6.319e2	1.28	NO	1.3619	1.3619		
1,2,3,4,7,8-HxCDF	33.34	1.91e-5	0.23e7	1.20	NO	178.94	178.94		
1,2,3,5,7,8-HxCDF	34.66	2.36e-4	2.545e4	1.15	NO	42.436	42.436		
2,3,4,6,7,8-HxCDF	34.40	2.31e-3	4.99e-3	1.22	NO	6.1247	6.1247		
1,2,3,7,8,9-HxCDF	35.64	4.12e-3	0.03e3	1.00	NO	10.77	10.77		
Total Hexa-Furans	35.65	7.72e-3	2.23e3	1.22	NO	3.5406	3.5406		

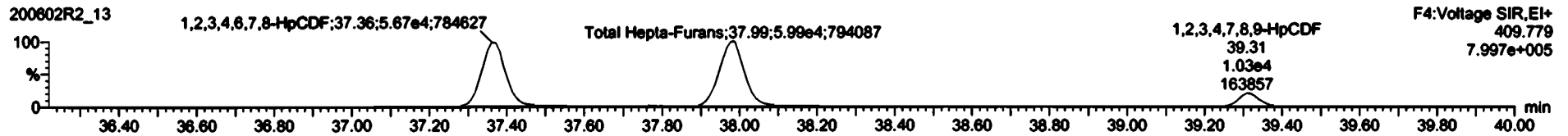
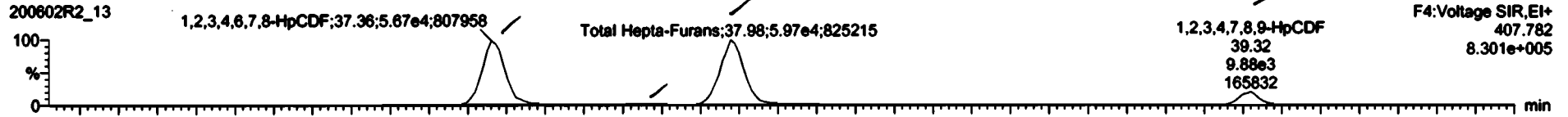


Dataset: Untitled

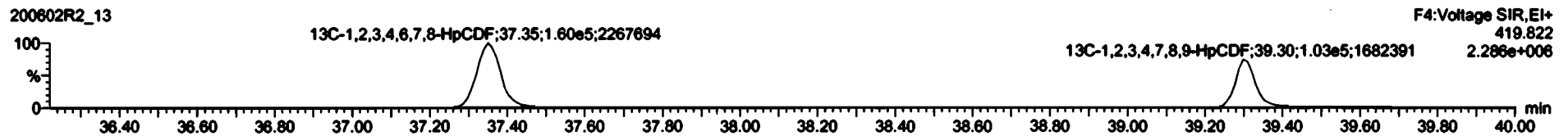
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

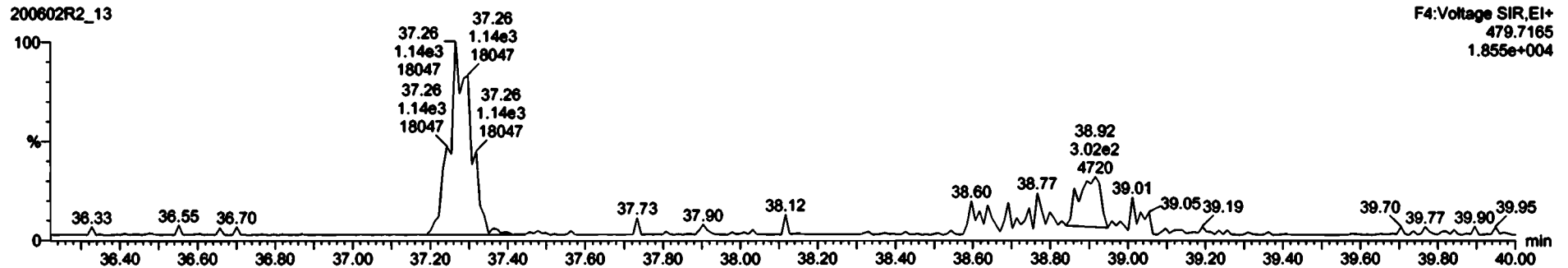
1,2,3,4,6,7,8-HpCDF



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

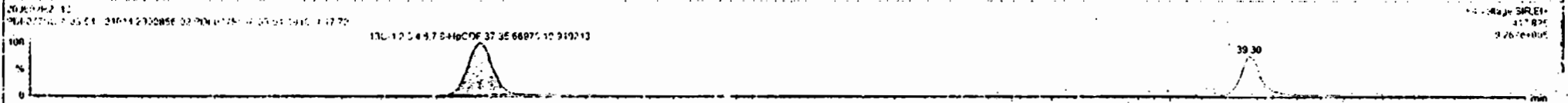
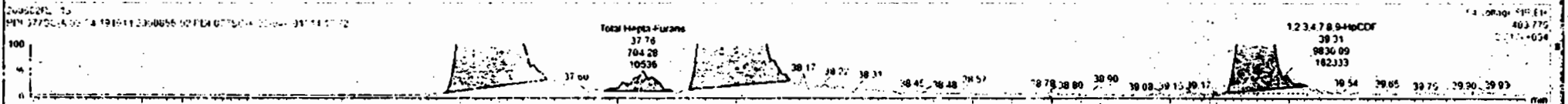
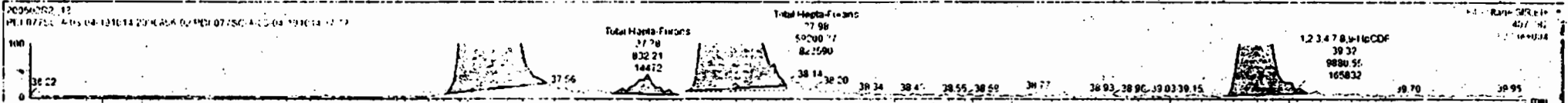


DPE4



ID	Name	Para	RA	Qty	RF	Weight	RT	RTT	Case	Subst	RA	EMPC
45	Total Hepta-Furans				0.8527	11.010			367		0.461	100
46	Total Hepta-Furans				0.8527	11.010					0.461	100

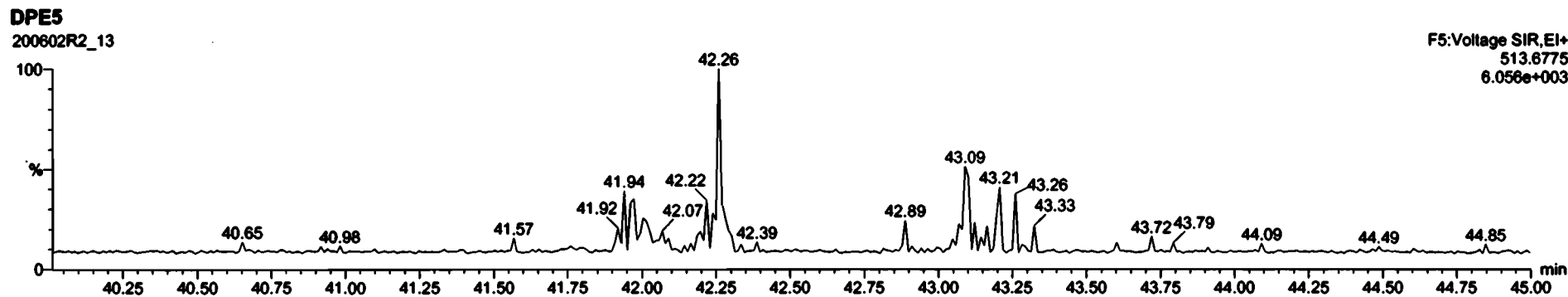
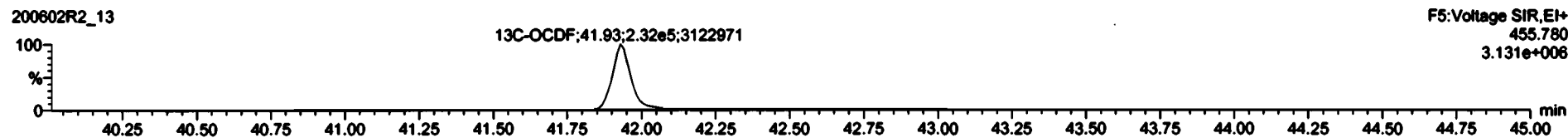
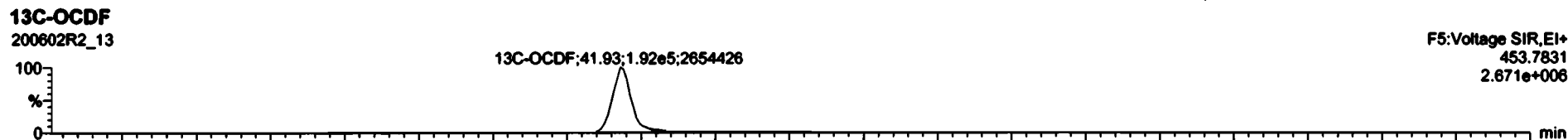
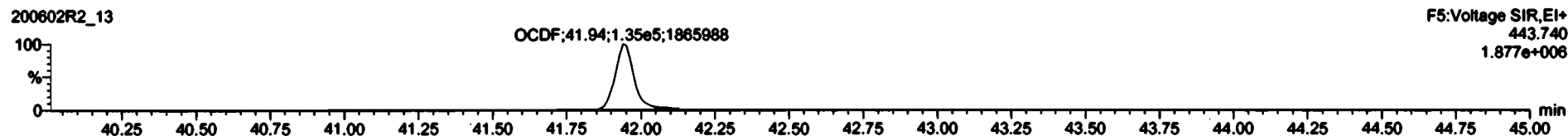
ID	Name	RF	m1 Range	m2 Range	RA	Qty	EMPC	Case
1	1,2,3,4,6,7,8-HpCDF	17.38	5.675e4	5.875e4	1.00	NO	116.14	117.14
2	Total Hepta-Furans	17.78	6.120e4	6.320e4	1.00	NO	120.97	121.97
3	Total Hepta-Furans	37.98	5.570e4	5.780e4	1.00	NO	146.70	147.70
4	1,2,3,4,7,8-HpCDF	39.32	5.651e3	5.851e3	1.00	NO	27.903	27.903



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

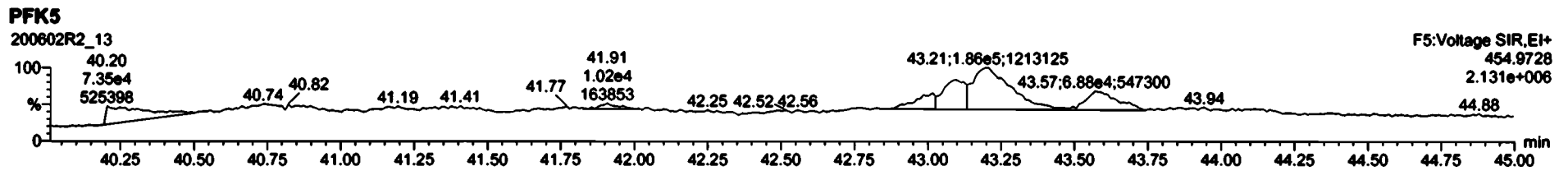
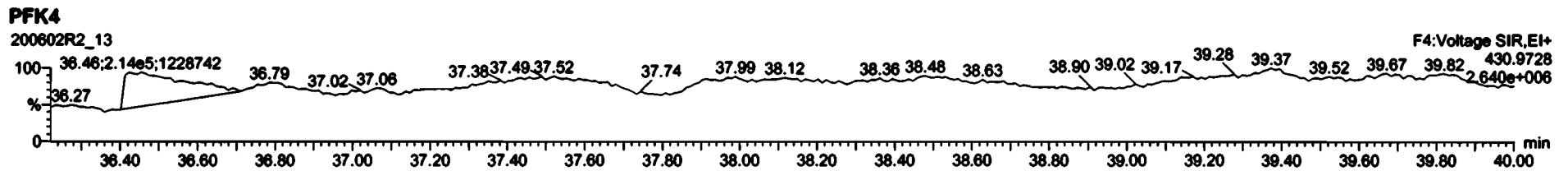
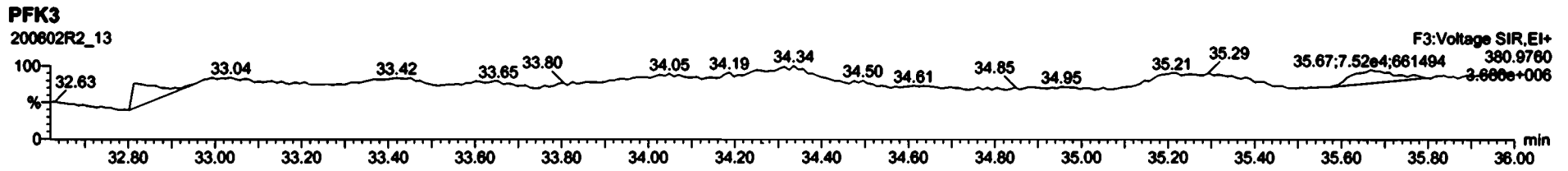
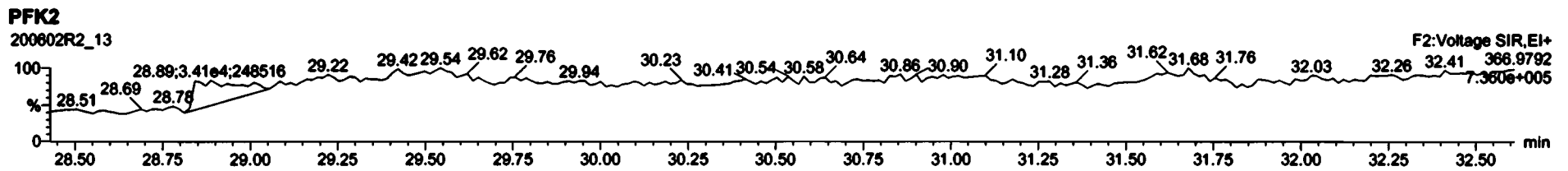
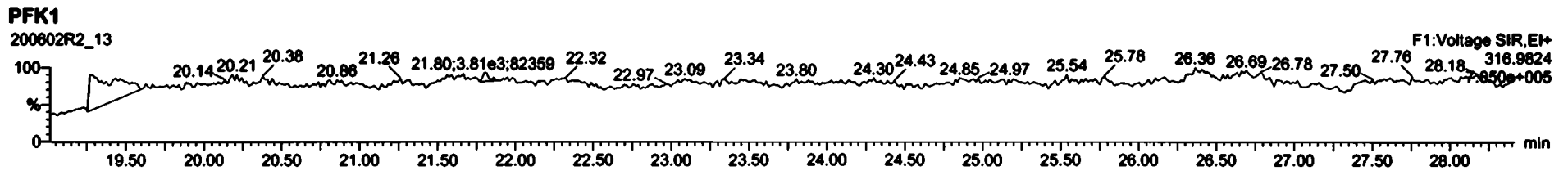
Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_13, Date: 03-Jun-2020, Time: 00:35:27, ID: 2000856-02 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

GRS 06/03/2020

CY 06/04/2020

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\vb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

1	2,3,7,8-TCDD	3.26e3	0.66	NO	0.888	10.029	26.546	26.53	1.001	1.001	1.2760	0.0963	1.28
2	1,2,3,7,8-PeCDD	4.95e3	0.61	NO	0.908	10.029	31.488	31.48	1.001	1.000	2.6429	0.189	2.64
3	1,2,3,4,7,8-HxCDD	3.20e3	1.35	NO	1.03	10.029	34.857	34.86	1.000	1.000	2.4925	0.373	2.49
4	1,2,3,6,7,8-HxCDD	2.24e4	1.21	NO	0.892	10.029	34.943	34.96	1.000	1.001	15.882	0.380	15.9
5	1,2,3,7,8,9-HxCDD	9.09e3	1.22	NO	0.887	10.029	35.241	35.24	1.000	1.000	7.7071	0.441	7.71
6	1,2,3,4,6,7,8-HpCDD	2.78e5	1.02	NO	0.864	10.029	38.778	38.78	1.000	1.000	314.41	1.04	314
7	OCDD	2.44e6	0.87	NO	0.914	10.029	41.759	41.77	1.000	1.000	2857.1	1.34	2860
8	2,3,7,8-TCDF	1.17e5	0.73	NO	0.751	10.029	25.641	25.65	1.001	1.001	47.462	0.334	47.5
9	1,2,3,7,8-PeCDF	1.76e5	1.55	NO	0.893	10.029	30.205	30.20	1.001	1.000	71.243	0.280	71.2
10	2,3,4,7,8-PeCDF	6.64e4	1.56	NO	0.935	10.029	31.180	31.18	1.001	1.000	25.420	0.250	25.4
11	1,2,3,4,7,8-HxCDF	2.15e5	1.19	NO	0.884	10.029	33.963	33.97	1.000	1.000	157.68	0.389	158
12	1,2,3,6,7,8-HxCDF	5.54e4	1.21	NO	0.889	10.029	34.100	34.10	1.000	1.000	36.593	0.377	36.6
13	2,3,4,6,7,8-HxCDF	1.30e4	1.19	NO	0.934	10.029	34.711	34.69	1.001	1.000	9.3507	0.434	9.35
14	1,2,3,7,8,9-HxCDF	8.61e3	2.95	YES	0.871	10.029	35.592	35.65	1.000	1.002	7.9948	0.595	4.52
15	1,2,3,4,6,7,8-HpCDF	9.13e4	0.98	NO	0.873	10.029	37.397	37.37	1.001	1.000	95.256	0.710	95.3
16	1,2,3,4,7,8,9-HpCDF	1.61e4	1.00	NO	1.01	10.029	39.309	39.32	1.000	1.000	22.599	0.826	22.6
17	OCDF	1.64e5	0.82	NO	0.806	10.029	41.951	41.96	1.000	1.000	213.16	0.597	213
18	13C-2,3,7,8-TCDD	5.73e5	0.77	NO	1.16	10.029	26.538	26.51	1.026	1.025	184.10	92.3	0.235
19	13C-1,2,3,7,8-PeCDD	4.11e5	0.63	NO	0.849	10.029	31.729	31.47	1.227	1.217	179.88	90.2	0.326
20	13C-1,2,3,4,7,8-HxCDD	2.48e5	1.27	NO	0.779	10.029	34.841	34.85	1.014	1.014	187.69	94.1	0.655
21	13C-1,2,3,6,7,8-HxCDD	3.15e5	1.27	NO	1.02	10.029	34.955	34.94	1.017	1.017	183.12	91.8	0.502
22	13C-1,2,3,7,8,9-HxCDD	2.65e5	1.26	NO	0.903	10.029	35.226	35.23	1.025	1.025	173.31	86.9	0.565
23	13C-1,2,3,4,6,7,8-HpCDD	2.04e5	1.01	NO	0.689	10.029	38.751	38.77	1.128	1.128	174.67	87.6	0.605
24	13C-OCDD	3.72e5	0.90	NO	0.652	10.029	41.775	41.76	1.216	1.215	336.81	84.4	0.595
25	13C-2,3,7,8-TCDF	6.57e5	0.75	NO	1.06	10.029	25.578	25.61	0.969	0.991	176.06	88.3	0.423
26	13C-1,2,3,7,8-PeCDF	5.51e5	1.57	NO	0.838	10.029	30.111	30.18	1.165	1.167	186.50	93.5	0.558
27	13C-2,3,4,7,8-PeCDF	5.57e5	1.56	NO	0.817	10.029	31.065	31.16	1.202	1.205	193.72	97.1	0.573
28	13C-1,2,3,4,7,8-HxCDF	3.08e5	0.50	NO	1.01	10.029	33.972	33.96	0.989	0.989	180.27	90.4	0.769
29	13C-1,2,3,6,7,8-HxCDF	3.40e5	0.49	NO	1.17	10.029	34.096	34.09	0.992	0.992	171.76	86.1	0.661
30	13C-2,3,4,6,7,8-HxCDF	2.97e5	0.50	NO	1.02	10.029	34.670	34.68	1.009	1.009	171.71	86.1	0.777
31	13C-1,2,3,7,8,9-HxCDF	2.48e5	0.49	NO	0.860	10.029	35.570	35.59	1.035	1.036	169.93	85.2	0.924

(42A)

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

32	13C-1,2,3,4,6,7,8-HpCDF	2.19e5	0.41	NO	0.774	10.029	37.319	37.36	1.086	1.087	166.75	83.6	0.782	
33	13C-1,2,3,4,7,8,9-HpCDF	1.40e5	0.42	NO	0.521	10.029	39.349	39.31	1.145	1.144	159.12	79.8	1.16	
34	13C-OCDF	3.80e5	0.85	NO	0.746	10.029	41.946	41.95	1.221	1.221	300.36	75.3	0.592	
35	37Cl-2,3,7,8-TCDD	2.10e5			1.04	10.029	26.569	26.53	1.028	1.026	75.249	94.3	0.0733	
36	13C-1,2,3,4-TCDD	5.37e5	0.78	NO	1.00	10.029	25.890	25.85	1.000	1.000	199.42	100	0.272	
37	13C-1,2,3,4-TCDF	7.03e5	0.76	NO	1.00	10.029	24.360	24.18	1.000	1.000	199.42	100	0.448	
38	13C-1,2,3,4,6,9-HxCDF	3.38e5	0.50	NO	1.00	10.029	34.420	34.36	1.000	1.000	199.42	100	0.794	
39	Total Tetra-Dioxins				0.888	10.029	24.620		0.000		9.4502		0.0983	9.73
40	Total Penta-Dioxins				0.908	10.029	29.960		0.000		16.555		0.189	19.2
41	Total Hexa-Dioxins				0.892	10.029	33.635		0.000		128.71		0.414	129
42	Total Hepta-Dioxins				0.864	10.029	37.640		0.000		673.10		1.04	673
43	Total Tetra-Furans				0.751	10.029	23.610		0.000		154.14		0.334	161
44	1st Func. Penta-Furans				0.893	10.029	27.580		0.000		29.107		0.0475	29.1
45	Total Penta-Furans				0.893	10.029	29.275		0.000		180.73		0.271	181
46	Total Hexa-Furans				0.934	10.029	33.555		0.000		291.49		0.415	300
47	Total Hepta-Furans				0.873	10.029	37.835		0.000		258.03		0.807	258

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45
 Calibration: U:\VG12.PRO\CurveDB\ldb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

Tetra-Dioxins

Total Tetra-Dioxins	22.53	3.530e4	4.770e4	2.906e3	4.148e3	0.70	NO	7.054e3	2.7629	2.7629	0.0963
Total Tetra-Dioxins	24.34	4.477e3	5.677e3	3.393e2	5.037e2	0.67	NO	8.429e2	0.33015	0.33015	0.0963
Total Tetra-Dioxins	24.80	8.844e3	1.132e4	7.979e2	9.712e2	0.82	NO	1.769e3	0.69289	0.69289	0.0963
Total Tetra-Dioxins	24.85	1.270e4	1.914e4	1.054e3	1.303e3	0.81	NO	2.357e3	0.92314	0.92314	0.0963
Total Tetra-Dioxins	25.03	3.282e3	5.153e3	2.584e2	3.497e2	0.74	NO	6.081e2	0.23816	0.23816	0.0963
Total Tetra-Dioxins	25.30	4.220e3	8.480e3	3.399e2	5.074e2	0.67	NO	8.473e2	0.33186	0.33186	0.0963
Total Tetra-Dioxins	25.48	4.339e3	4.908e3	3.346e2	4.026e2	0.83	NO	7.372e2	0.28874	0.28874	0.0963
Total Tetra-Dioxins	25.83	5.259e3	6.411e3	3.950e2	4.045e2	0.98	YES	0.000e0	0.00000	0.28045	0.0963
Total Tetra-Dioxins	26.26	4.020e4	4.296e4	2.617e3	3.287e3	0.80	NO	5.905e3	2.3127	2.3127	0.0963
2,3,7,8-TCDD	26.53	1.830e4	2.749e4	1.300e3	1.958e3	0.66	NO	3.258e3	1.2760	1.2760	0.0963
Total Tetra-Dioxins	26.87	4.475e3	7.069e3	3.071e2	4.430e2	0.69	NO	7.500e2	0.29377	0.29377	0.0963

Penta-Dioxins

Total Penta-Dioxins	29.27	4.749e4	7.653e4	3.721e3	8.104e3	0.61	NO	9.825e3	5.2475	5.2475	0.189
Total Penta-Dioxins	29.73	1.255e4	2.235e4	7.193e2	1.106e3	0.65	NO	1.825e3	0.97481	0.97481	0.189
Total Penta-Dioxins	30.23	3.357e4	5.860e4	1.877e3	3.070e3	0.61	NO	4.947e3	2.6421	2.6421	0.189
Total Penta-Dioxins	30.40	2.952e4	6.163e4	1.715e3	3.158e3	0.54	NO	4.873e3	2.6027	2.6027	0.189
Total Penta-Dioxins	30.50	1.921e4	2.728e4	1.020e3	1.492e3	0.68	NO	2.511e3	1.3414	1.3414	0.189
Total Penta-Dioxins	30.70	2.188e4	3.198e4	1.072e3	1.548e3	0.69	NO	0.000e0	0.00000	1.3994	0.189
Total Penta-Dioxins	30.73	1.311e4	2.554e4	5.417e2	1.011e3	0.54	NO	0.000e0	0.00000	0.82957	0.189
Total Penta-Dioxins	31.05	6.361e3	1.275e4	3.811e2	6.083e2	0.63	NO	9.893e2	0.52841	0.52841	0.189
1,2,3,7,8-PeCDD	31.48	3.430e4	6.326e4	1.876e3	3.072e3	0.61	NO	4.948e3	2.6429	2.6429	0.189
Total Penta-Dioxins	31.56	9.724e3	1.066e4	3.828e2	4.885e2	0.78	YES	0.000e0	0.00000	0.42532	0.189
Total Penta-Dioxins	31.86	1.001e4	1.448e4	4.203e2	6.562e2	0.64	NO	1.076e3	0.57497	0.57497	0.189

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

Hexa-Dioxins

Total Hexa-Dioxins	33.35	4.695e5	3.918e5	2.328e4	1.940e4	1.20	NO	4.268e4	34.544	34.544	0.414
Total Hexa-Dioxins	33.91	5.250e4	4.567e4	2.658e3	2.373e3	1.12	NO	5.031e3	4.0721	4.0721	0.414
Total Hexa-Dioxins	34.17	6.270e5	4.935e5	4.089e4	3.385e4	1.21	NO	7.474e4	60.498	60.498	0.414
Total Hexa-Dioxins	34.26	2.923e4	2.272e4	1.550e3	1.227e3	1.26	NO	2.777e3	2.2476	2.2476	0.414
1,2,3,4,7,8-HxCDD	34.86	3.401e4	2.509e4	1.841e3	1.359e3	1.35	NO	3.200e3	2.4925	2.4925	0.373
1,2,3,6,7,8-HxCDD	34.96	2.071e5	1.698e5	1.228e4	1.014e4	1.21	NO	2.242e4	15.882	15.882	0.380
Total Hexa-Dioxins	35.15	1.760e4	1.164e4	9.107e2	6.587e2	1.38	NO	1.569e3	1.2703	1.2703	0.414
1,2,3,7,8,9-HxCDD	35.24	7.781e4	6.032e4	4.993e3	4.094e3	1.22	NO	9.087e3	7.7071	7.7071	0.441

Hepta-Dioxins

Total Hepta-Dioxins	37.78	2.088e6	2.075e6	1.604e5	1.566e5	1.02	NO	3.170e5	358.69	358.69	1.04
1,2,3,4,6,7,8-HpCDD	38.78	2.141e6	2.128e6	1.403e5	1.375e5	1.02	NO	2.778e5	314.41	314.41	1.04

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

Tetra-Furans

Total Tetra-Furans	20.38	1.174e4	2.058e4	1.025e3	1.505e3	0.68	NO	2.530e3	1.0228	1.0228	0.334
Total Tetra-Furans	20.90	2.357e4	2.816e4	2.034e3	2.484e3	0.82	NO	4.518e3	1.8265	1.8265	0.334
Total Tetra-Furans	21.53	1.353e5	1.952e5	1.208e4	1.709e4	0.71	NO	2.917e4	11.792	11.792	0.334
Total Tetra-Furans	22.02	2.088e4	2.316e4	1.779e3	1.975e3	0.90	YES	0.000e0	0.00000	1.4136	0.334
Total Tetra-Furans	22.07	3.625e4	5.448e4	3.586e3	5.236e3	0.68	NO	8.822e3	3.5666	3.5666	0.334
Total Tetra-Furans	22.49	1.536e5	6.185e5	1.492e4	1.927e4	0.77	NO	3.419e4	13.821	13.821	0.334
Total Tetra-Furans	23.00	5.111e4	6.185e4	4.350e3	6.141e3	0.71	NO	1.049e4	4.2414	4.2414	0.334
Total Tetra-Furans	23.16	2.376e4	3.649e4	2.204e3	2.966e3	0.74	NO	5.170e3	2.0904	2.0904	0.334
Total Tetra-Furans	23.34	4.034e4	6.287e4	3.769e3	4.963e3	0.76	NO	8.732e3	3.5302	3.5302	0.334
Total Tetra-Furans	23.76	6.272e3	7.474e3	5.305e2	7.131e2	0.74	NO	1.244e3	0.50276	0.50276	0.334
Total Tetra-Furans	23.92	1.633e4	1.935e4	1.318e3	1.553e3	0.85	NO	2.871e3	1.1608	1.1608	0.334
Total Tetra-Furans	24.09	5.116e4	6.703e4	3.420e3	4.675e3	0.73	NO	8.095e3	3.2727	3.2727	0.334
Total Tetra-Furans	24.19	9.746e4	1.303e5	1.014e4	1.351e4	0.75	NO	2.365e4	9.5622	9.5622	0.334
Total Tetra-Furans	24.70	4.875e5	6.788e5	3.864e4	5.258e4	0.73	NO	9.122e4	36.879	36.879	0.334
Total Tetra-Furans	24.97	2.135e4	3.738e4	1.794e3	2.724e3	0.66	NO	4.517e3	1.8264	1.8264	0.334
Total Tetra-Furans	25.18	1.272e4	1.093e4	8.054e2	1.036e3	0.78	NO	1.841e3	0.74433	0.74433	0.334
Total Tetra-Furans	25.41	1.060e4	1.268e4	6.565e2	8.430e2	0.78	NO	1.499e3	0.60623	0.60623	0.334
Total Tetra-Furans	25.53	8.758e4	1.207e5	5.204e3	7.376e3	0.71	NO	1.258e4	5.0861	5.0861	0.334
2,3,7,8-TCDF	25.65	6.573e5	9.012e5	4.951e4	6.788e4	0.73	NO	1.174e5	47.462	47.462	0.334
Total Tetra-Furans	26.02	7.036e4	8.669e4	4.884e3	6.366e3	0.77	NO	1.125e4	4.5482	4.5482	0.334
Total Tetra-Furans	26.27	1.003e4	1.457e4	6.649e2	8.155e2	0.82	NO	1.480e3	0.59852	0.59852	0.334
Total Tetra-Furans	27.64	1.228e5	1.056e5	7.977e3	7.623e3	1.05	YES	0.000e0	0.00000	5.4552	0.334

Penta-Furans function 1

1st Func. Penta-Furans	27.62	7.411e5	4.701e5	4.372e4	2.844e4	1.54	NO	7.216e4	29.107	29.107	0.0475
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-14.qld

Last Altered: Wednesday, June 03, 2020 9:40:54 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 9:41:30 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

Penta-Furans

Total Penta-Furans	29.06	5.796e4	4.187e4	3.853e3	2.825e3	1.36	NO	6.879e3	2.6940	2.6940	0.271
Total Penta-Furans	29.21	8.934e5	6.037e5	5.793e4	3.869e4	1.50	NO	9.862e4	38.977	38.977	0.271
Total Penta-Furans	29.79	1.306e5	9.423e4	9.367e3	6.078e3	1.54	NO	1.544e4	6.2302	6.2302	0.271
Total Penta-Furans	30.02	1.672e5	1.046e5	8.901e3	5.177e3	1.72	NO	1.408e4	5.6786	5.6786	0.271
1,2,3,7,8-PeCDF	30.20	1.975e6	1.269e6	1.068e5	6.874e4	1.55	NO	1.755e5	71.243	71.243	0.280
Total Penta-Furans	30.31	3.954e4	2.951e4	1.788e3	1.126e3	1.59	NO	2.914e3	1.1754	1.1754	0.271
Total Penta-Furans	30.46	4.899e5	3.371e5	2.792e4	1.850e4	1.51	NO	4.643e4	18.727	18.727	0.271
Total Penta-Furans	31.07	2.515e4	2.177e4	1.320e3	9.491e2	1.39	NO	2.269e3	0.91540	0.91540	0.271
2,3,4,7,8-PeCDF	31.18	8.116e5	5.074e5	4.049e4	2.590e4	1.56	NO	6.640e4	25.420	25.420	0.250
Total Penta-Furans	31.21	4.727e5	3.362e5	1.271e4	8.090e3	1.57	NO	2.080e4	8.3905	8.3905	0.271
Total Penta-Furans	32.11	3.371e4	3.053e4	1.908e3	1.260e3	1.51	NO	3.167e3	1.2776	1.2776	0.271

Hexa-Furans

Total Hexa-Furans	32.80	1.607e5	1.325e5	7.857e3	6.908e3	1.14	NO	1.476e4	10.575	10.575	0.415
Total Hexa-Furans	32.96	5.518e5	4.562e5	2.782e4	2.316e4	1.20	NO	5.099e4	36.518	36.518	0.415
Total Hexa-Furans	33.33	1.068e4	1.090e4	5.181e2	4.809e2	1.08	NO	9.990e2	0.71551	0.71551	0.415
Total Hexa-Furans	33.51	5.989e5	4.852e5	3.000e4	2.406e4	1.25	NO	5.406e4	38.718	38.718	0.415
Total Hexa-Furans	33.88	2.733e4	1.736e4	1.022e3	8.549e2	1.20	NO	1.877e3	1.3444	1.3444	0.415
1,2,3,4,7,8-HxCDF	33.97	2.180e6	1.849e6	1.171e5	9.818e4	1.19	NO	2.152e5	157.68	157.68	0.389
1,2,3,6,7,8-HxCDF	34.10	5.144e5	4.377e5	3.034e4	2.509e4	1.21	NO	5.542e4	36.593	36.593	0.377
2,3,4,6,7,8-HxCDF	34.69	1.274e5	1.062e5	7.081e3	5.943e3	1.19	NO	1.302e4	9.3507	9.3507	0.434
1,2,3,7,8,9-HxCDF	35.65	1.421e5	9.566e4	6.427e3	2.181e3	2.95	YES	8.607e3	0.00000	4.5202	0.565
Total Hexa-Furans	35.66	1.157e5	1.057e5	2.923e3	5.327e3	0.55	YES	0.000e0	0.00000	3.7823	0.415

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.37	6.306e5	6.261e5	4.508e4	4.622e4	0.98	NO	9.130e4	95.256	95.256	0.710
Total Hepta-Furans	37.99	7.012e5	7.242e5	5.460e4	5.570e4	0.98	NO	1.103e5	140.17	140.17	0.807
1,2,3,4,7,8,9-HpCDF	39.32	1.269e5	1.264e5	8.058e3	8.066e3	1.00	NO	1.612e4	22.599	22.599	0.826

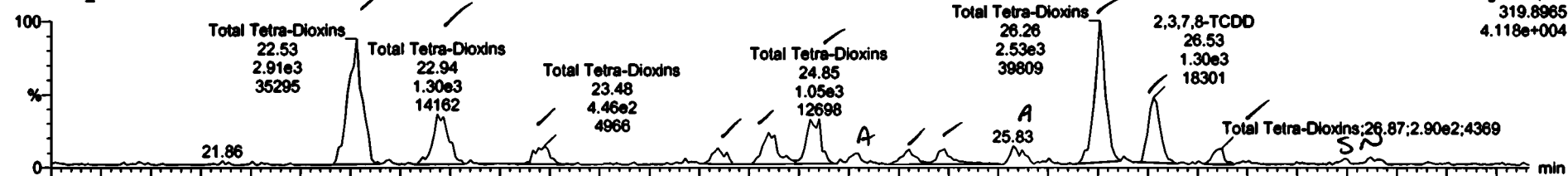
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

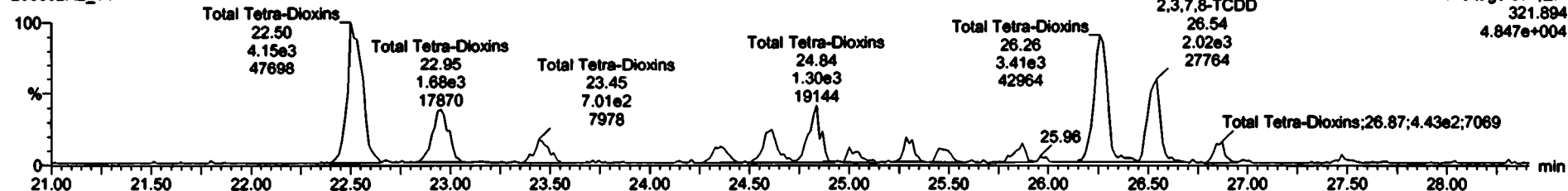
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

2,3,7,8-TCDD

200602R2_14



200602R2_14

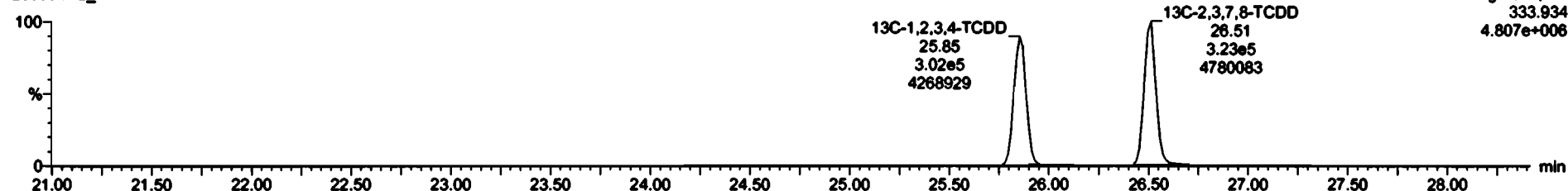


13C-2,3,7,8-TCDD

200602R2_14

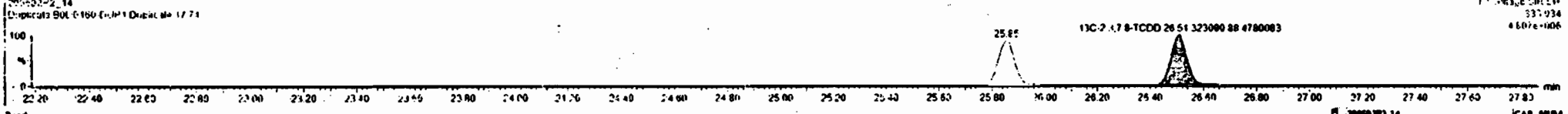


200602R2_14



ID	Name	Resp	RA	RY	RBF	RRP	RT	RST	Comp	USec	DL	FAPC
30	Total Tetra-Dioxins	22.53	1.50E-3	1.14E-3	0.70	NO	2.7577	7.7829	0.0000	1.76	0.0000	91.4
31	Total Tetra-Chloro-Dioxins	22.54	1.50E-3	1.14E-3	0.77	NO	1.1669	1.1629	0.0000	1.76	0.0000	91.4
32	Total Tetra-Chloro-Dioxins	23.48	1.067e2	0.507e2	0.77	NO	0.47027	0.47987	0.0000	1.76	0.0000	91.4

ID	Name	RT	net Resp	net Resp	RA	RY	USec	Comp
1	Total Tetra-Chloro-Dioxins	22.53	1.50E-3	1.14E-3	0.70	NO	2.7577	7.7829
2	Total Tetra-Chloro-Dioxins	22.54	1.50E-3	1.14E-3	0.77	NO	1.1669	1.1629
3	Total Tetra-Chloro-Dioxins	23.48	1.067e2	0.507e2	0.77	NO	0.47027	0.47987
4	Total Tetra-Chloro-Dioxins	24.34	1.395e2	1.07e2	0.67	NO	0.33215	0.33015
5	Total Tetra-Chloro-Dioxins	24.60	1.779e2	1.71e2	0.82	NO	0.49289	0.5090e
6	Total Tetra-Chloro-Dioxins	24.85	1.054e2	1.307e2	0.71	NO	0.42314	0.52214
7	Total Tetra-Chloro-Dioxins	25.83	1.584e2	1.497e2	0.74	NO	0.42815	0.22815
8	Total Tetra-Chloro-Dioxins	26.30	1.395e2	1.07e2	0.67	NO	0.33188	0.33188
9	Total Tetra-Chloro-Dioxins	25.48	1.31e2	1.07e2	0.83	NO	0.70824	0.28874
10	Total Tetra-Chloro-Dioxins	25.87	1.307e2	1.457e2	0.86	NO	0.31534	0.28890
11	Total Tetra-Chloro-Dioxins	26.29	2.61e2	1.787e2	0.86	NO	2.31e7	2.31e7
12	2,3,7,8-TCDF	26.53	1.308e3	1.408e3	0.76	NO	1.2750	1.2750
13	Total Tetra-Chloro-Dioxins	26.87	2.215e2	1.488e2	0.69	NO	0.5077	0.25377



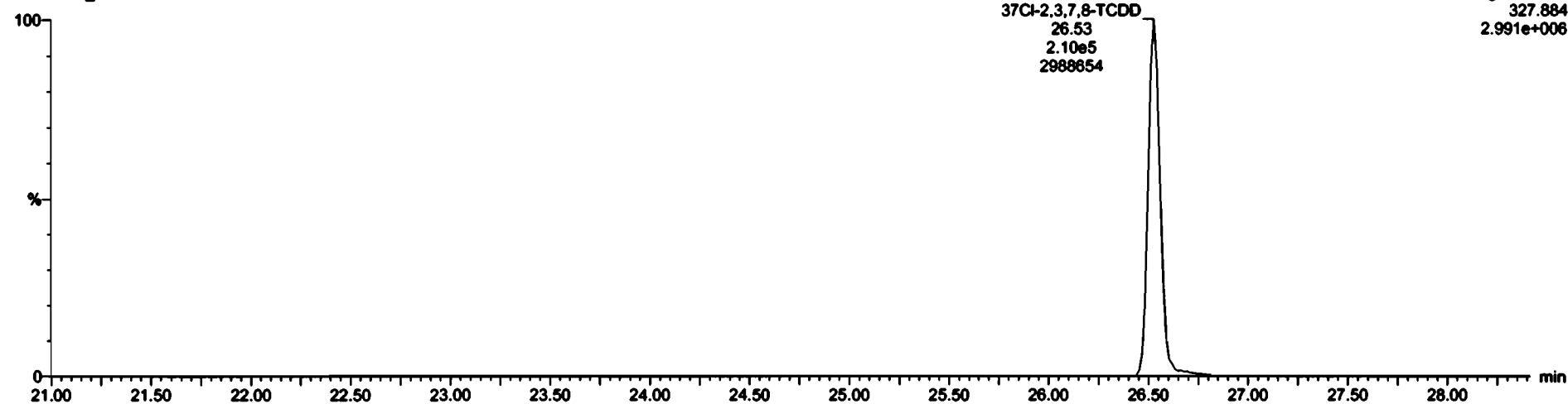
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

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

200602R2_14

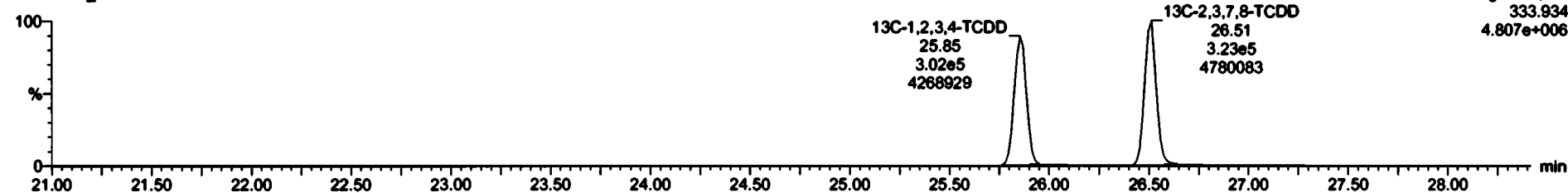


13C-1,2,3,4-TCDD

200602R2_14



200602R2_14

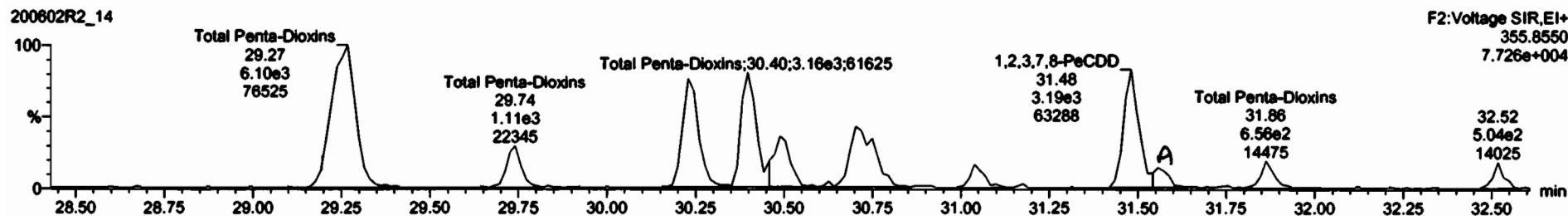
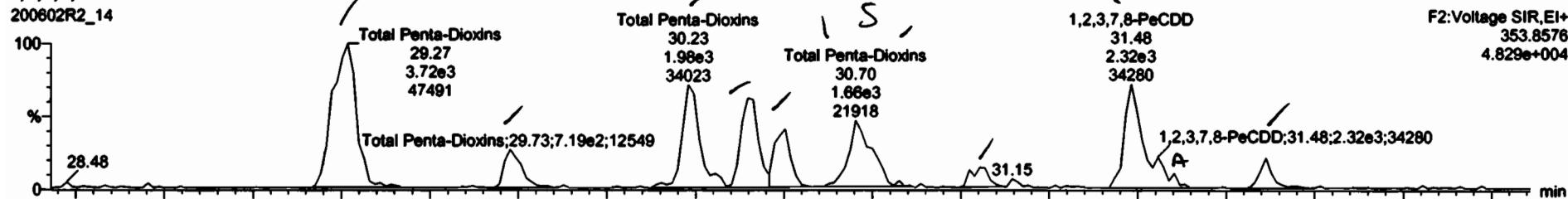


Dataset: Untitled

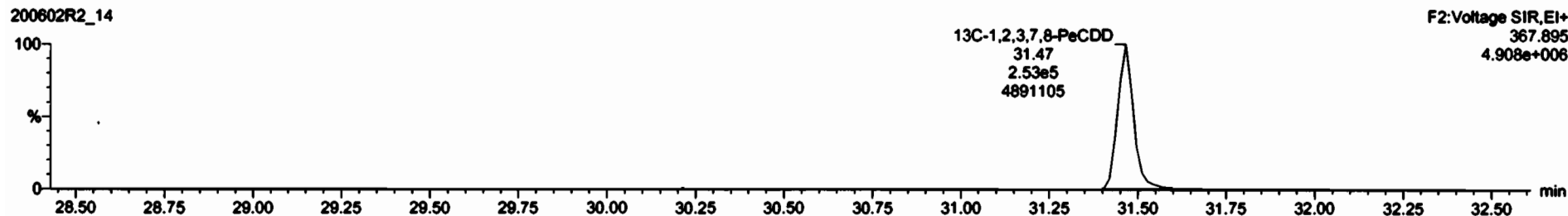
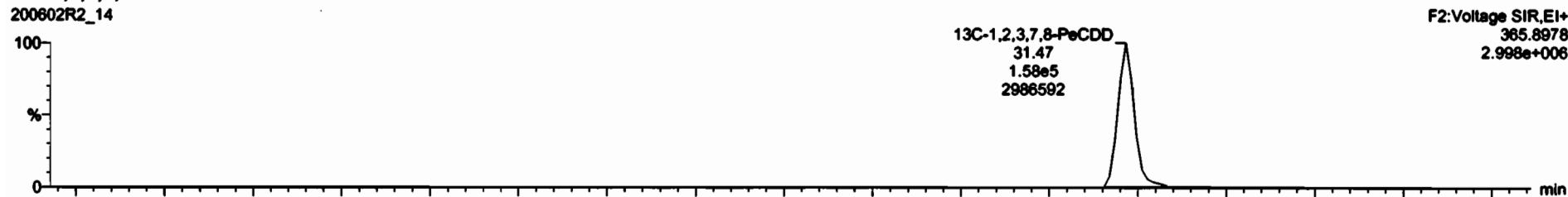
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

1,2,3,7,8-PeCDD

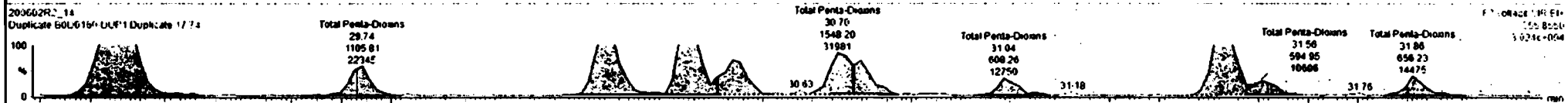
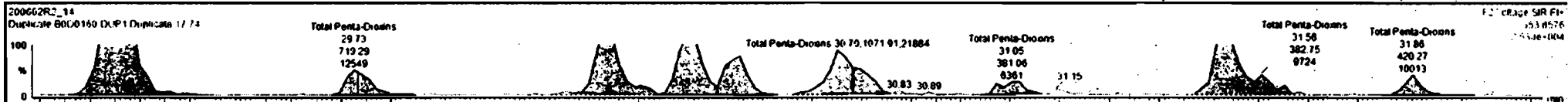


13C-1,2,3,7,8-PeCDD



#	Name	Resp	RA	afy	ORF	uPVol	RT	OR1	Conc.	%Rec	OL	EMPC
30	Total Penta-Dioxins				0.88e3	10.629			11.1		0.00E3	11.4
40	Total Penta-Dioxins				8.88e3	10.629			11.1		0.10E3	11.4

#	Name	RT	ori Resp	m2 Resp	RA	afy	EMPC	Conc.
1	Total Penta-Dioxins	30.27	3.721e3	8.104e3	0.61	NO	5.2475	5.2475
2	Total Penta-Dioxins	29.73	7.192e2	1.108e3	0.65	NO	0.97481	0.97481
3	Total Penta-Dioxins	30.23	1.877e3	3.070e3	0.81	NO	2.6421	2.6421
4	Total Penta-Dioxins	30.40	1.715e3	3.158e3	0.54	NO	2.6027	2.6027
5	Total Penta-Dioxins	30.50	1.020e2	1.492e3	0.66	NO	1.2414	1.2414
6	Total Penta-Dioxins	30.70	1.072e3	1.548e3	0.09	NO	1.3904	0.00000
7	Total Penta-Dioxins	30.73	5.417e2	1.011e3	0.54	NO	0.82567	0.00000
8	Total Penta-Dioxins	31.05	3.811e2	0.083e2	0.62	NO	0.52841	0.52841
9	1,2,3,7,8-PeCDD	31.48	1.876e3	3.072e3	0.61	NO	2.6425	2.6425
10	Total Penta-Dioxins	31.56	3.828e2	5.950e2	0.84	NO	0.52221	0.00000
11	Total Penta-Dioxins	31.88	4.203e2	8.562e2	0.64	NO	0.57497	0.57497



Custom Reporting: Select reports to generate

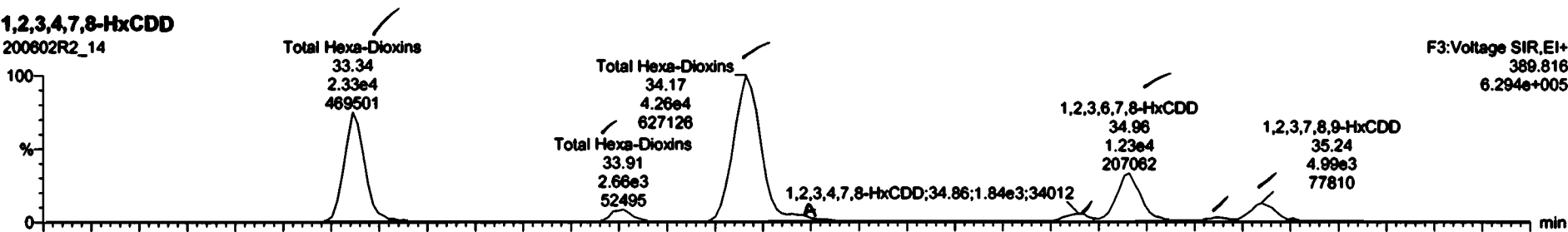
200602R2_14 CAP NUM

Dataset: Untitled

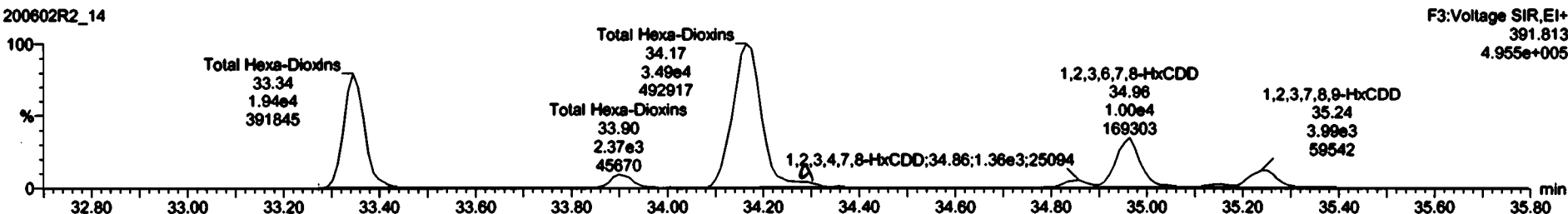
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

1,2,3,4,7,8-HxCDD
200602R2_14



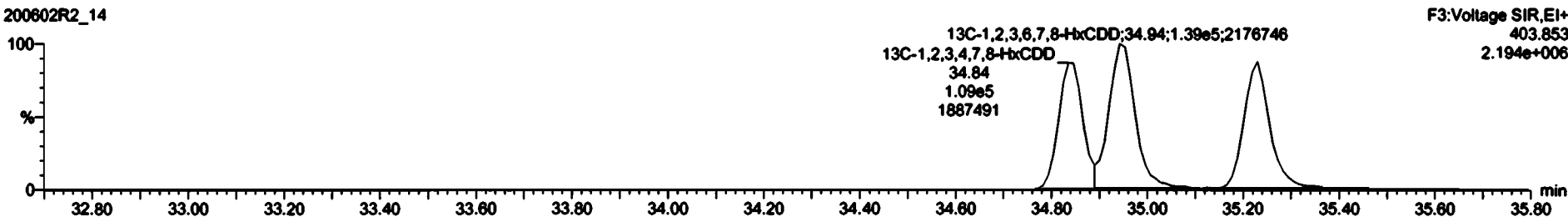
200602R2_14



13C-1,2,3,4,7,8-HxCDD
200602R2_14



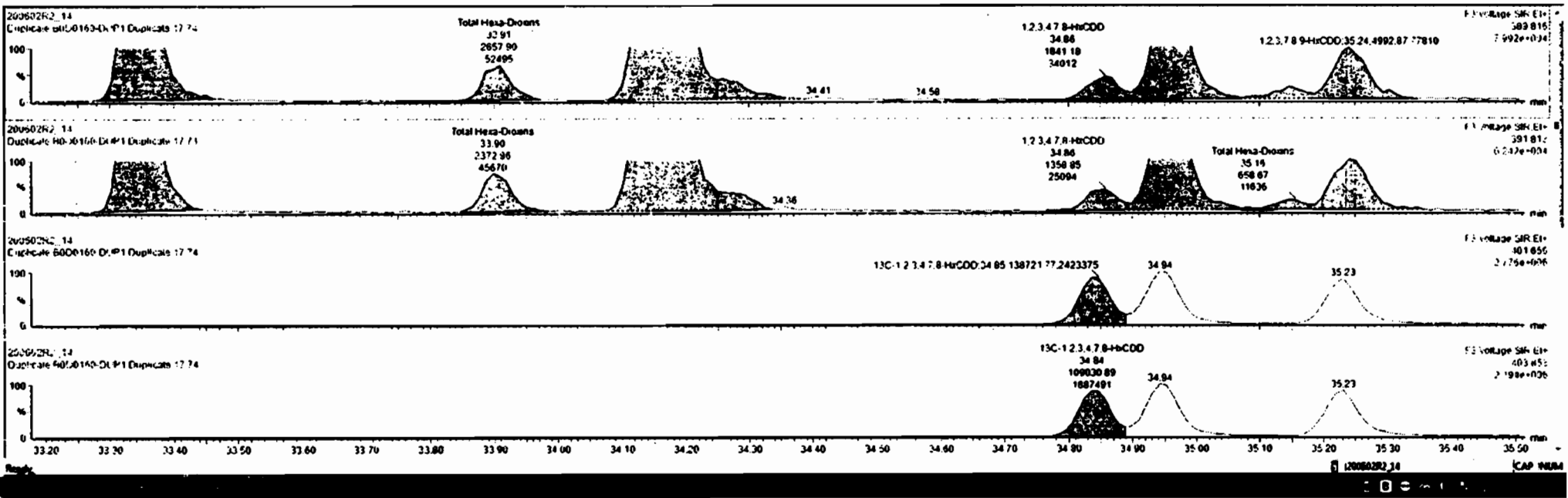
200602R2_14





Range	Prep	RA	dy	RP	WV	RT	RFT	Conc	%Rec	DR	EMPC
30	Total Hexa-Chloro				0.8863	13.029			11.1	0.0963	11.4
40	Total Penta-Chloro				0.9091	13.029			16.6	0.179	19.1

Range	RT	Alt Range	Alt Range	RA	dy	EMPC	Conc
1	Total Hexa-Chloro	33.35	2.32e+4	1.840e4	1.20	NO	34.544
2	Total Hexa-Chloro	33.91	2.650e+4	2.373e3	1.12	NO	4.8771
3	Total Hexa-Chloro	34.17	4.080e+4	2.305e4	1.21	NO	50.488
4	Total Hexa-Chloro	34.28	1.540e+4	1.227e3	1.2E	NO	2.2476
5	1,2,3,4,7,8-HxCDD	34.86	1.841e+3	1.358e3	1.12	NO	2.4925
6	1,2,3,4,7,8-HxCDD	34.98	1.228e+4	1.014e4	1.21	NO	15.882
7	Total Hexa-Chloro	35.14	9.107e+2	6.587e2	1.3E	NO	1.2703
8	1,2,3,7,8,9-HxCDF	35.24	4.890e+3	4.894e3	1.22	NO	7.7874



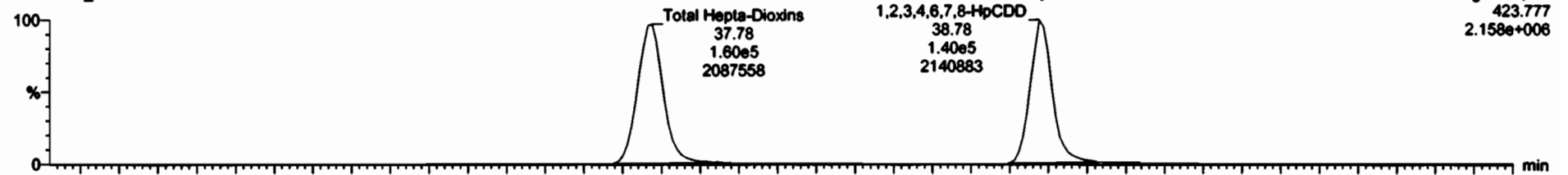
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

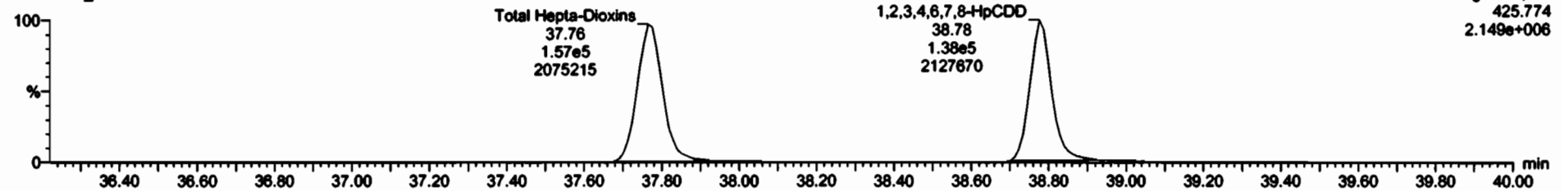
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

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

200602R2_14



200602R2_14

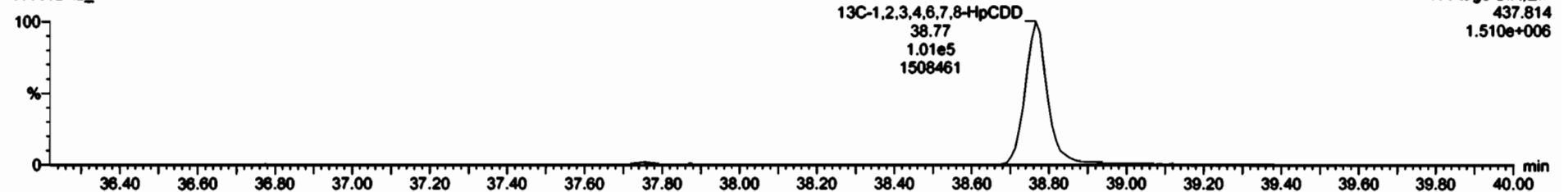


13C-1,2,3,4,6,7,8-HpCDD

200602R2_14



200602R2_14



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

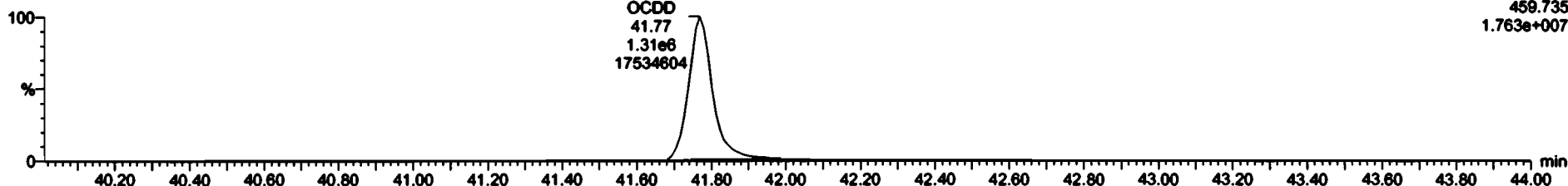
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

OCDD

200602R2_14

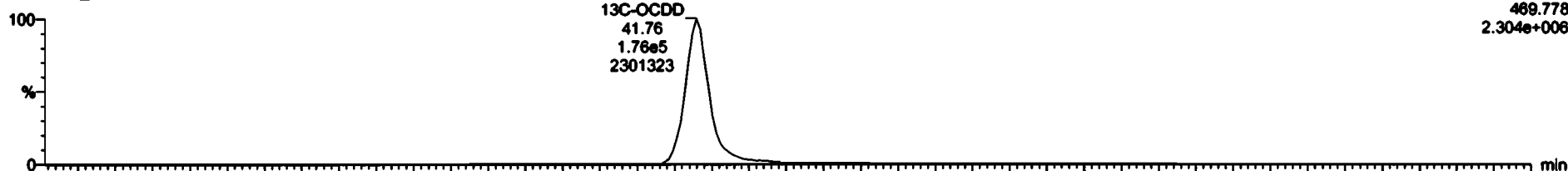


200602R2_14

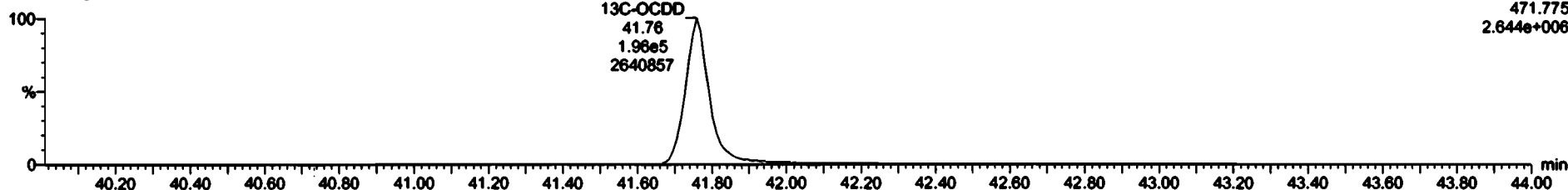


13C-OCDD

200602R2_14



200602R2_14

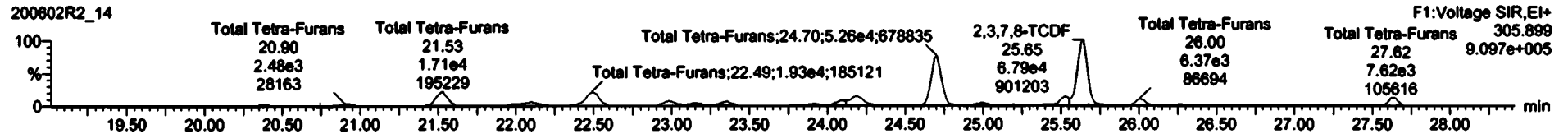
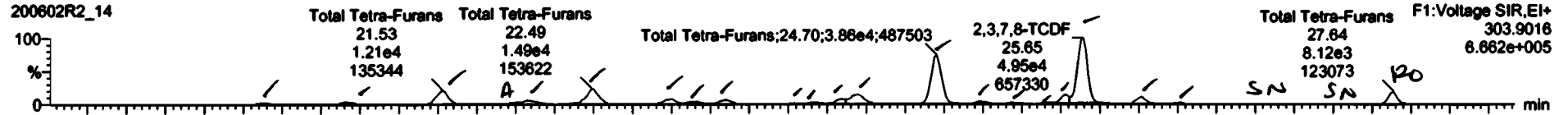


Dataset: Untitled

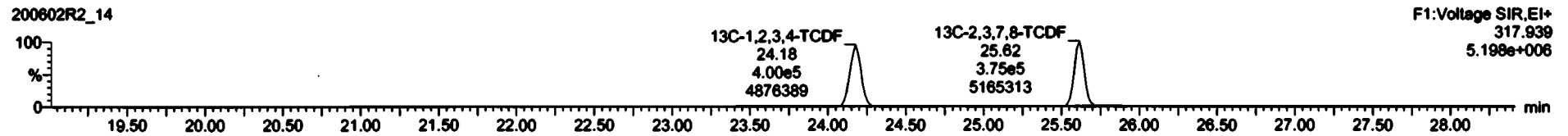
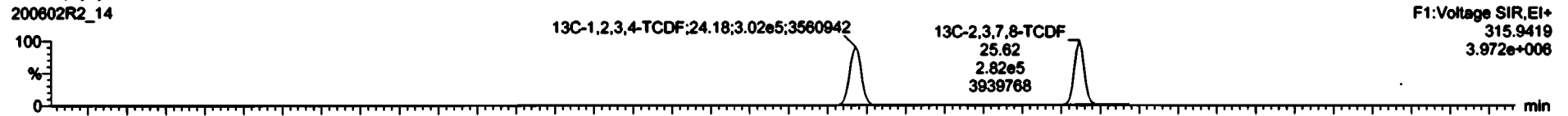
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

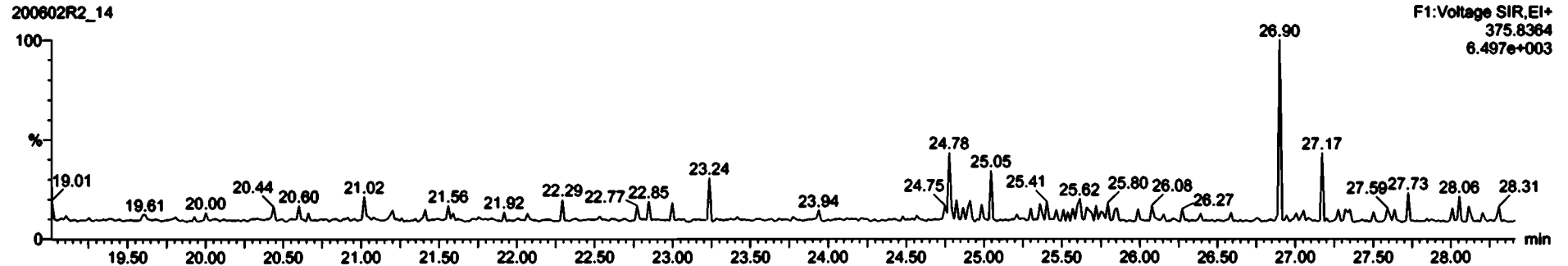
2,3,7,8-TCDF



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

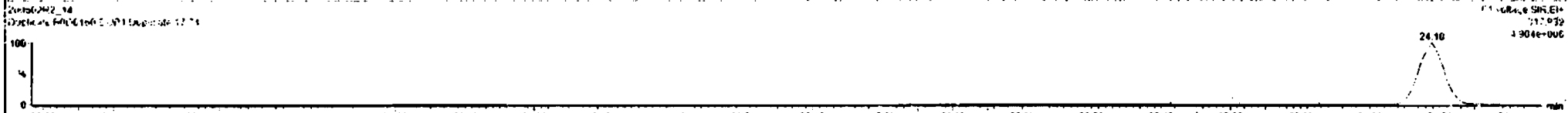
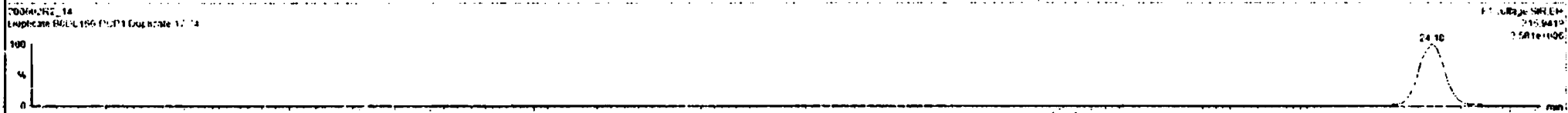
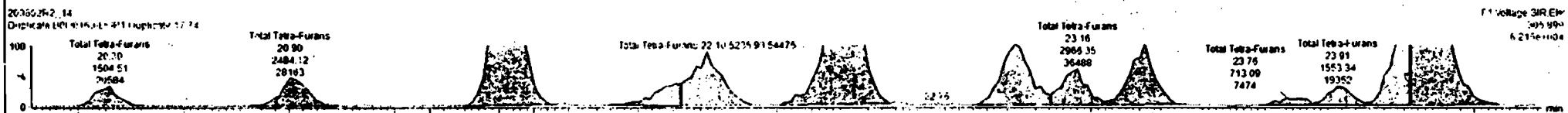


DPE1



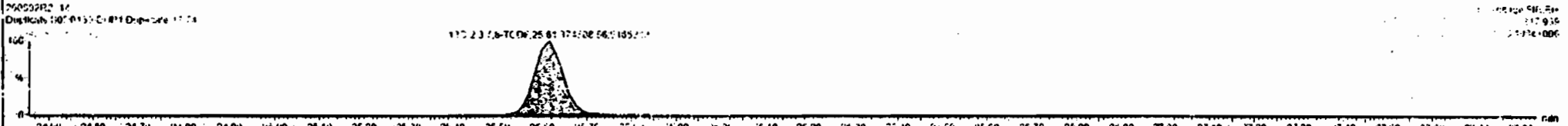
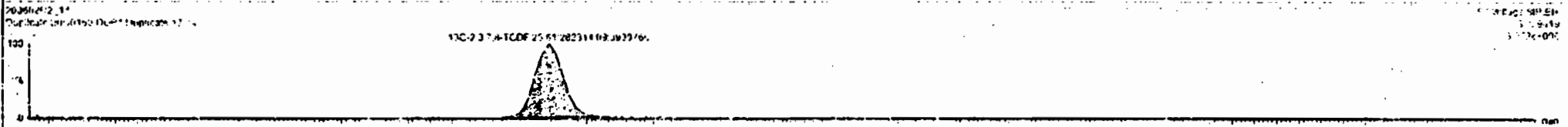
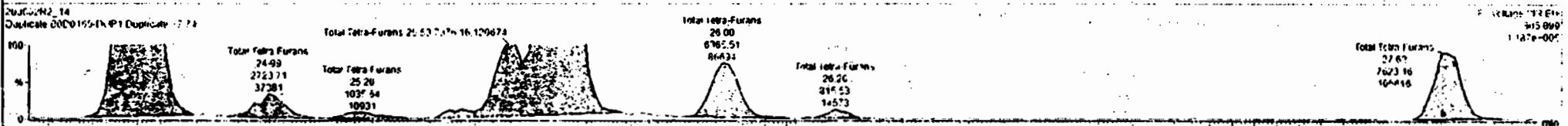
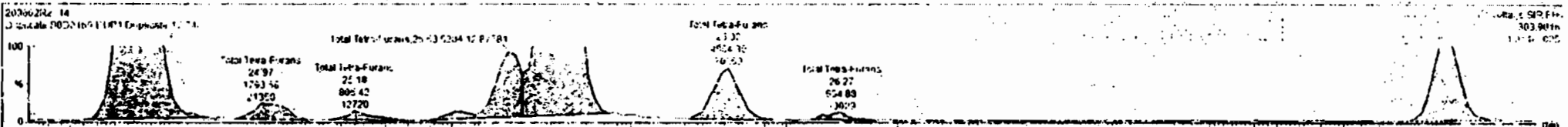
Sample	Resp	RA	dy	RF	Support	RT	RP	Comp	TRac	CL	ENPC
42	Total Tetra-Furans			0.86%	10.629			673		1.04	472
43	Total Tetra-Furans			6.388%	38.687			196		8.994	184

Sample	RT	net Resp	nd Resp	RA	dy	RF	Comp	TRac	CL	ENPC
1	Total Tetra-Furans	20.36	1.074e3	1.502e3	0.65	NO	1.0728	1.9228		
2	Total Tetra-Furans	20.90	2.934e2	2.474e1	0.82	NO	1.8200	1.5000		
3	Total Tetra-Furans	21.53	1.208e4	1.789e4	0.71	NO	11.7162	11.782		
4	Total Tetra-Furans	22.02	1.862e3	1.975e3	0.81	NO	1.4401	1.4484		
5	Total Tetra-Furans	22.07	3.589e1	4.226e3	0.88	NO	3.5896	3.5896		
6	Total Tetra-Furans	22.49	1.472e4	1.121e4	0.77	NO	13.811	17.821		
7	Total Tetra-Furans	23.00	4.340e3	6.181e3	0.71	NO	4.2418	4.2418		
8	Total Tetra-Furans	23.16	2.730e2	2.989e3	0.74	NO	1.8708	2.8901		
9	Total Tetra-Furans	23.34	1.789e1	4.983e1	0.78	NO	3.5202	1.5382		
10	Total Tetra-Furans	23.76	5.385e2	1.131e7	0.74	NO	8.10235	8.50276		
11	Total Tetra-Furans	23.82	1.318e3	1.553e3	0.84	NO	1.14825	1.1888		
12	Total Tetra-Furans	24.06	3.429e3	4.675e3	0.73	NO	3.2727	3.2727		
13	Total Tetra-Furans	24.19	1.914e4	1.251e4	0.75	NO	3.2627	4.4422		



Name	Comp	RA	RV	RF	RFM	RT	Comp	RF	CL	EMPC
12	Total Tetra-Furans			0.0525	10.024			0.71	1.04	570
13	Total Tetra-Furans			0.1098	16.057			0.70		100

Name	RF	RF Comp	RF Comp	RA	RV	RFM	Comp
14	Total Tetra-Furans	24.70	7.91441	7.72444	3.77	NO	32.819
15	Total Tetra-Furans	24.97	7.3447	7.72441	0.66	NO	1.7264
16	Total Tetra-Furans	25.13	8.01442	1.03643	0.78	NO	0.74423
17	Total Tetra-Furans	25.41	8.59147	8.13062	0.78	NO	0.68722
18	Total Tetra-Furans	25.51	5.22441	7.37643	3.71	NO	5.0881
19	2,2,7,8-TCDF	25.67	4.32144	0.77844	0.73	NO	47.482
20	Total Tetra-Furans	26.02	4.94443	6.36643	0.77	NO	4.5422
21	Total Tetra-Furans	26.29	8.64542	0.10542	0.42	NO	0.59852
22	Total Tetra-Furans	27.64	7.37742	7.62343	1.05	YES	5.4552



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

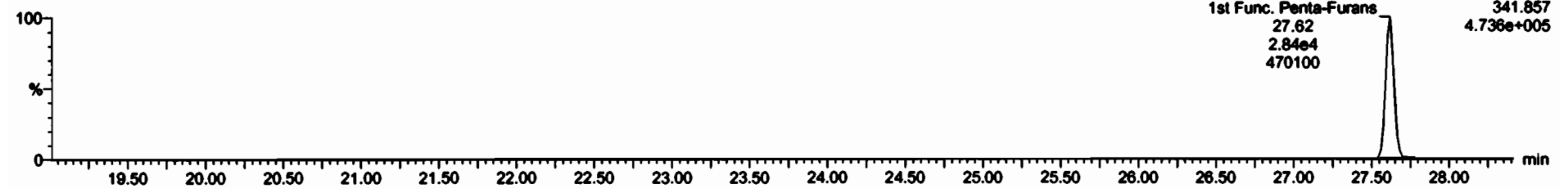
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

1st Func. Penta-Furans

200602R2_14

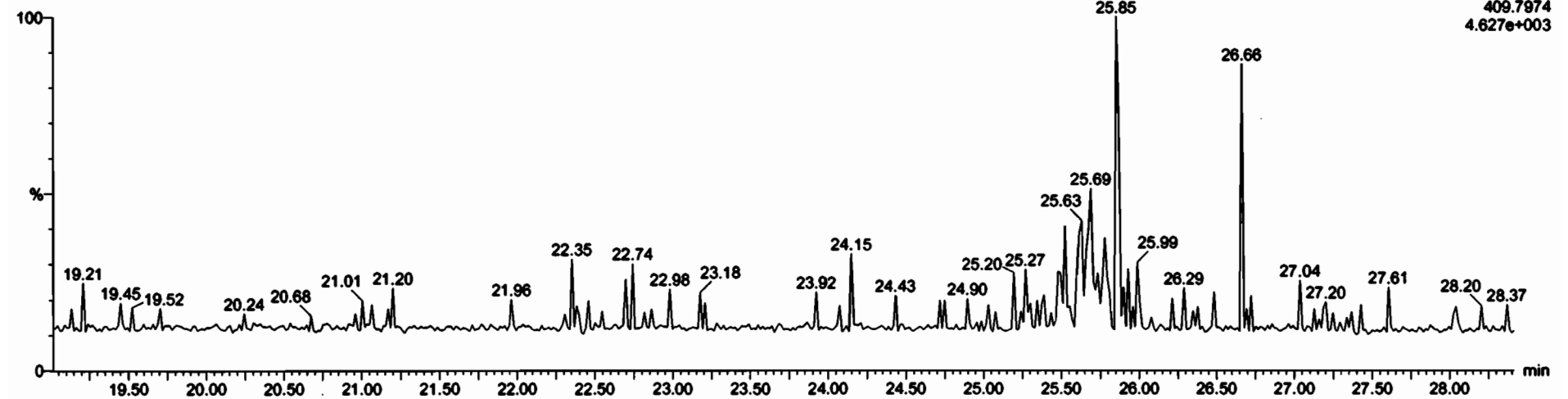


200602R2_14



DPE6

200602R2_14



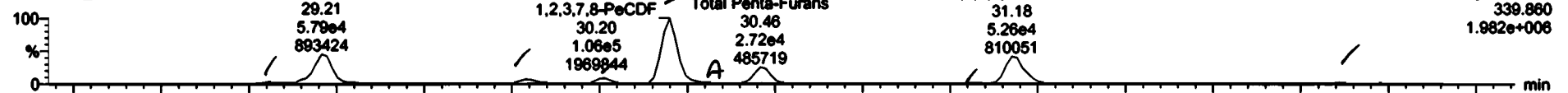
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

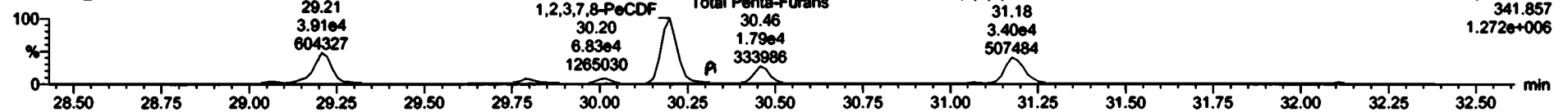
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

1,2,3,7,8-PeCDF

200602R2_14

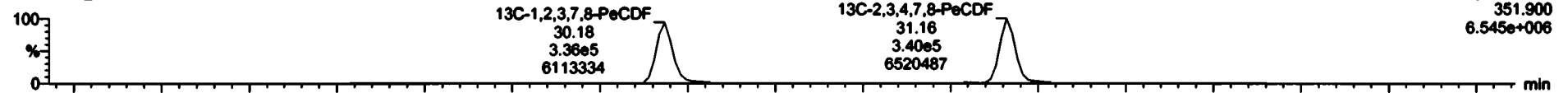


200602R2_14

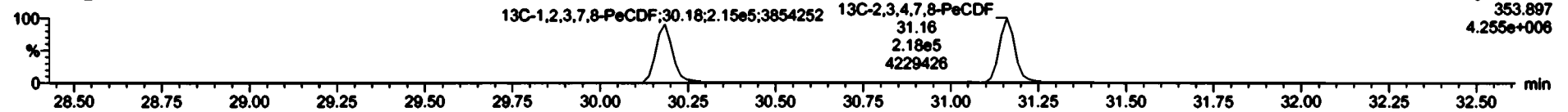


13C-1,2,3,7,8-PeCDF

200602R2_14

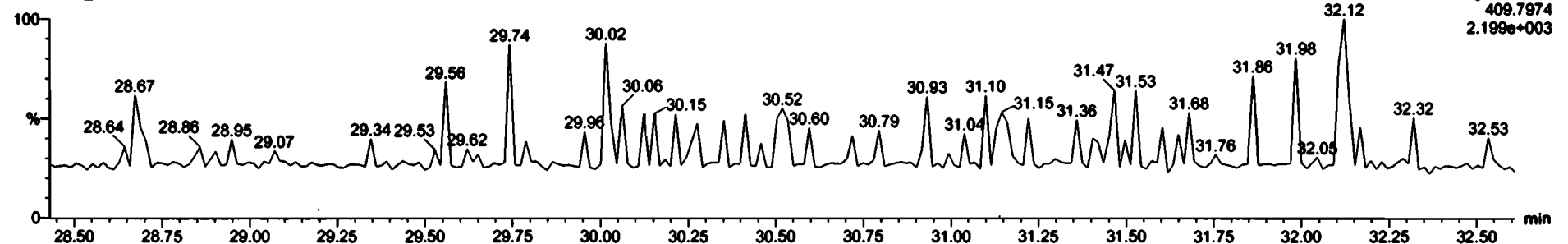


200602R2_14



DPE2

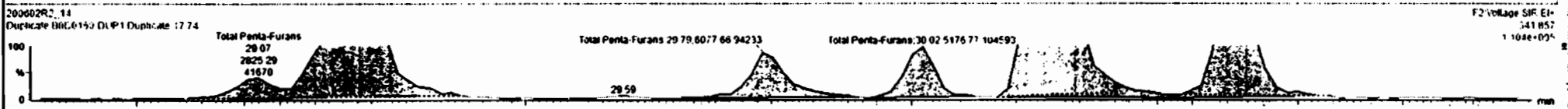
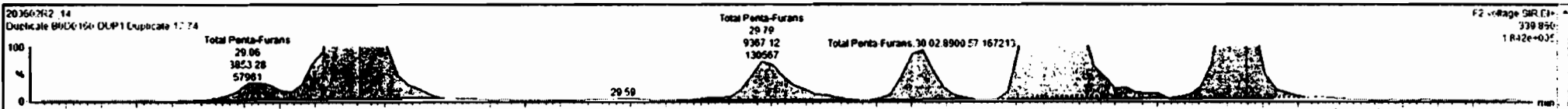
200602R2_14





Name	Resp	RA	dy	RPV	uPval	BT	RRT	Conc	%Rec	CL	EMPC
Total Penta-Furans				0.9341	19.628			300		0.415	300

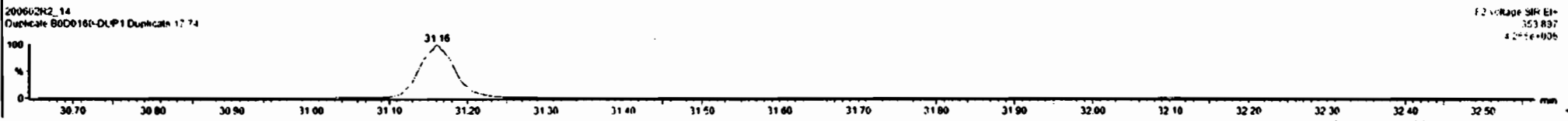
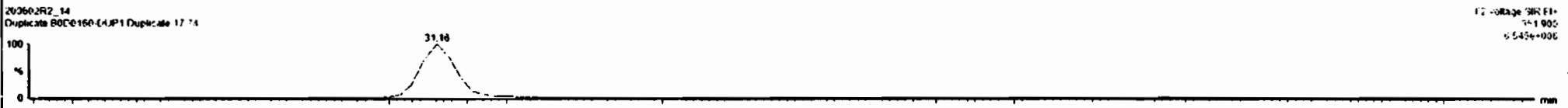
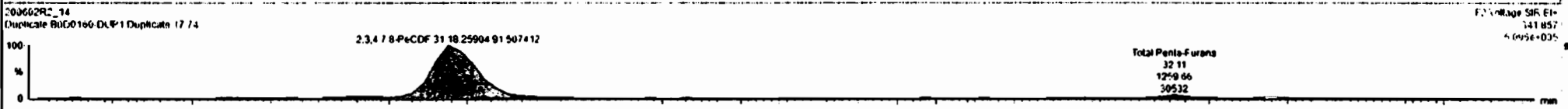
Name	RT	std Resp	std Resp	RA	dy	EMPC	Conc
1 Total Penta-Furans	29.06	3.853e3	2.825e3	1.36	NO	2.8940	2.5940
2 Total Penta-Furans	29.21	5.753e4	3.888e4	1.50	NO	38.977	36.977
3 Total Penta-Furans	29.79	9.357e3	6.078e3	1.54	NO	6.2362	6.2362
4 Total Penta-Furans	30.02	6.801e3	5.177e3	1.72	NO	5.6788	5.4788
5 1,2,3,7,8-PeCDF	30.20	1.088e5	6.874e4	1.55	NO	71.243	71.243
6 Total Penta-Furans	30.31	1.788e3	1.128e3	1.56	NO	1.1754	1.1754
7 Total Penta-Furans	30.46	2.792e4	1.858e4	1.51	NO	18.727	18.727
8 Total Penta-Furans	31.07	1.320e3	9.481e2	1.39	NO	8.91548	8.91540
9 2,3,4,7,8-PeCDF	31.18	5.283e4	3.481e4	1.56	NO	33.172	33.172
10 Total Penta-Furans	32.11	1.805e3	1.288e3	1.51	NO	1.2758	1.2758
11 Total Penta-Furans	32.23	1.395e3	4.216e2	3.21	YES	8.43383	8.00000





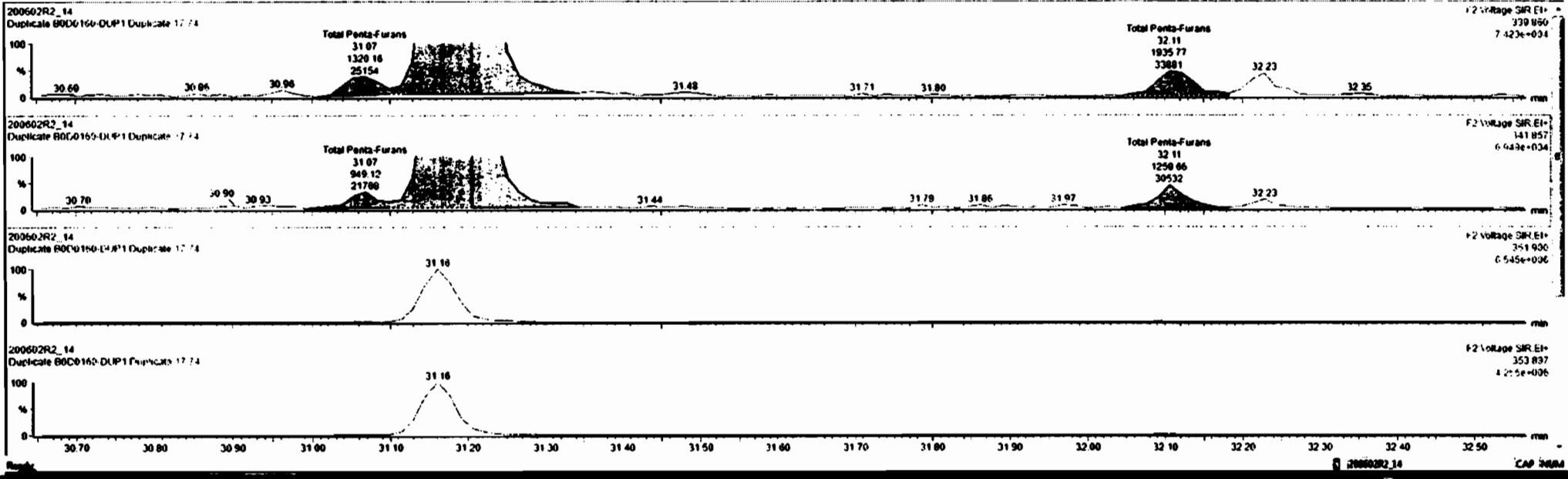
Sample	Resp	RA	dy	RRF	Setup	RT	ST	Comp	%Res	CL	EMPC
Total Penta-Furans				0.0341	10.020				305	0.415	306

Sample	RT	net Resp	std Resp	RA	dy	EMPC	Comp
Total Penta-Furans	29.06	3.815e2	2.625e3	1.36	NO	2.0940	2.0940
Total Penta-Furans	29.21	5.752e4	3.389e4	1.50	NO	38.977	38.977
Total Penta-Furans	29.79	9.367e3	5.078e3	1.54	NO	6.2382	6.2382
Total Penta-Furans	30.02	6.601e3	5.177e3	1.72	NO	5.6788	5.6788
2,3,4,7,8-PeCDF	30.20	1.066e5	6.874e4	1.55	NO	71.243	71.243
Total Penta-Furans	30.31	1.788e3	1.128e3	1.56	NO	1.1754	1.1754
Total Penta-Furans	30.46	2.752e4	1.658e4	1.71	NO	18.727	18.727
Total Penta-Furans	31.07	1.320e2	9.481e2	1.39	NO	0.91548	0.91548
2,3,4,7,8-PeCDF	31.18	4.848e4	2.590e4	1.58	NO	25.428	25.428
Total Penta-Furans	31.21	1.271e4	8.090e3	1.67	NO	8.3895	8.3895
Total Penta-Furans	32.11	1.908e2	1.288e3	1.51	NO	1.2776	1.2776



ID	Name	Resp	RA	adj	RSP	WSP	BT	RRT	Comp	%Rec	DL	EMPC
1	Total Hexa-Furans					0.8341	10.028		105		0.415	306

ID	Name	RT	adj Resp	adj Comp	RA	adj	EMPC	Comp
1	Total Penta-Furans	29.06	3.852e3	2.825e3	1.30	NO	2.8940	2.8940
2	Total Penta-Furans	29.21	5.752e4	3.889e4	1.50	NO	38.877	38.877
3	Total Penta-Furans	29.79	9.367e3	6.878e3	1.54	NO	6.2382	6.2382
4	Total Penta-Furans	30.02	6.601e3	5.177e3	1.72	NO	5.6788	5.6788
5	1,2,3,7,8-PeCDF	30.20	1.086e5	6.874e4	1.56	NO	71.243	71.243
6	Total Penta-Furans	30.31	1.788e3	1.128e3	1.59	NO	1.1754	1.1754
7	Total Penta-Furans	30.46	2.792e4	1.850e4	1.71	NO	18.727	18.727
8	Total Penta-Furans	31.07	1.320e3	9.491e2	1.39	NO	0.91540	0.91540
9	2,3,4,7,8-PeCDF	31.18	4.048e4	2.588e4	1.56	NO	25.420	25.420
10	Total Penta-Furans	31.21	1.271e4	8.880e3	1.57	NO	8.3805	8.3805
11	Total Penta-Furans	32.11	1.536e3	1.288e3	1.54	NO	1.2880	1.2880

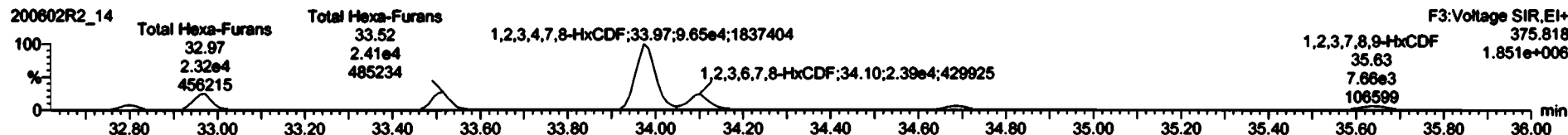
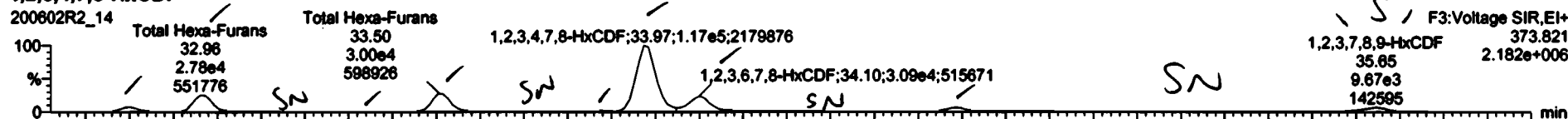


Dataset: Untitled

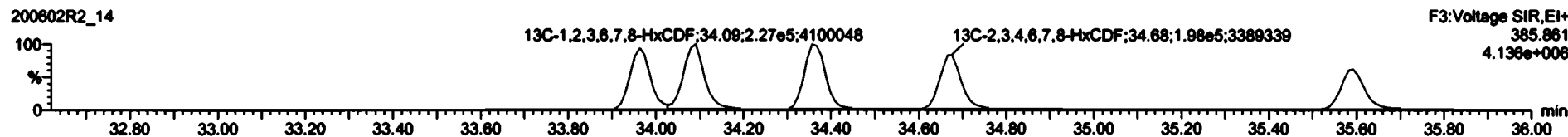
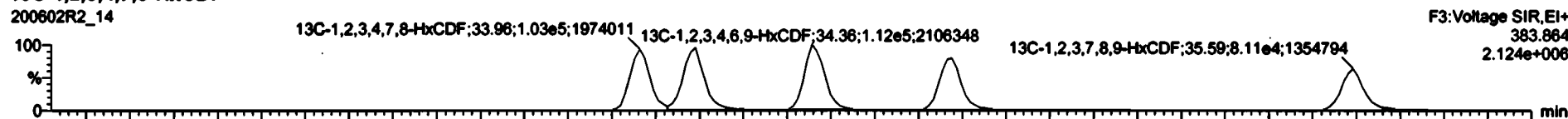
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

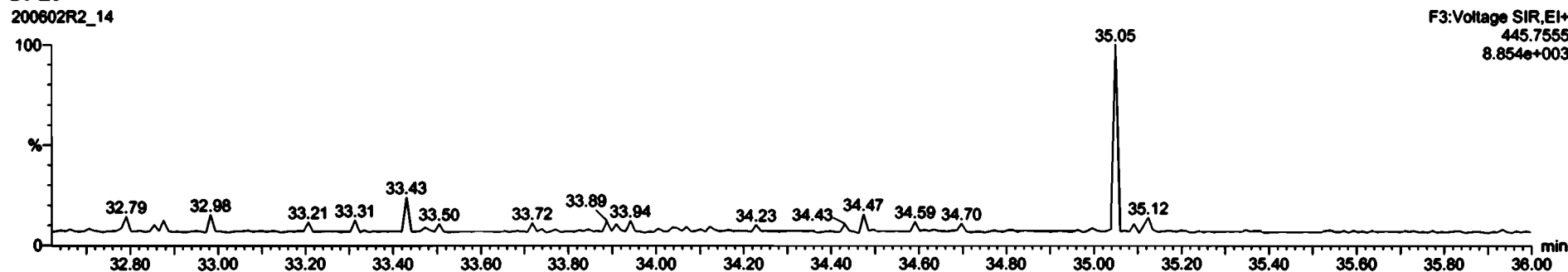
1,2,3,4,7,8-HxCDF



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



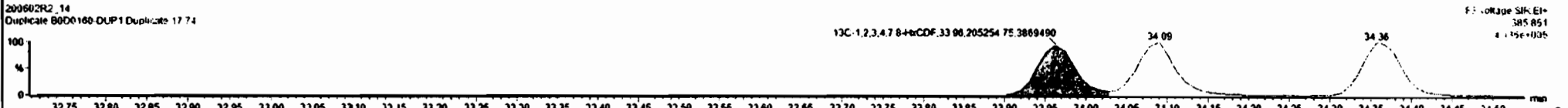
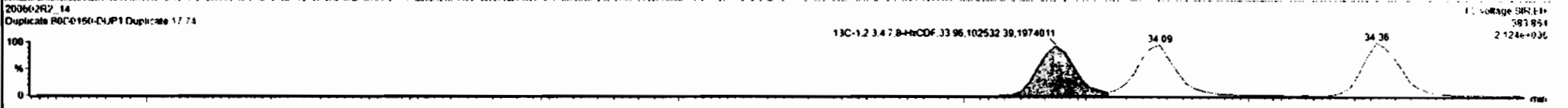
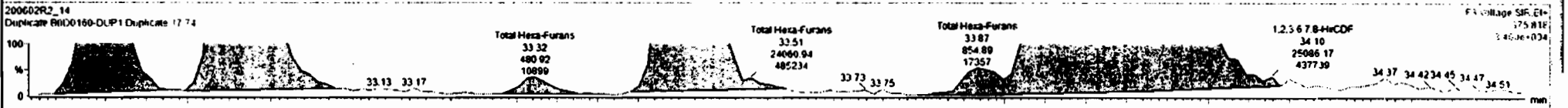
DPE3





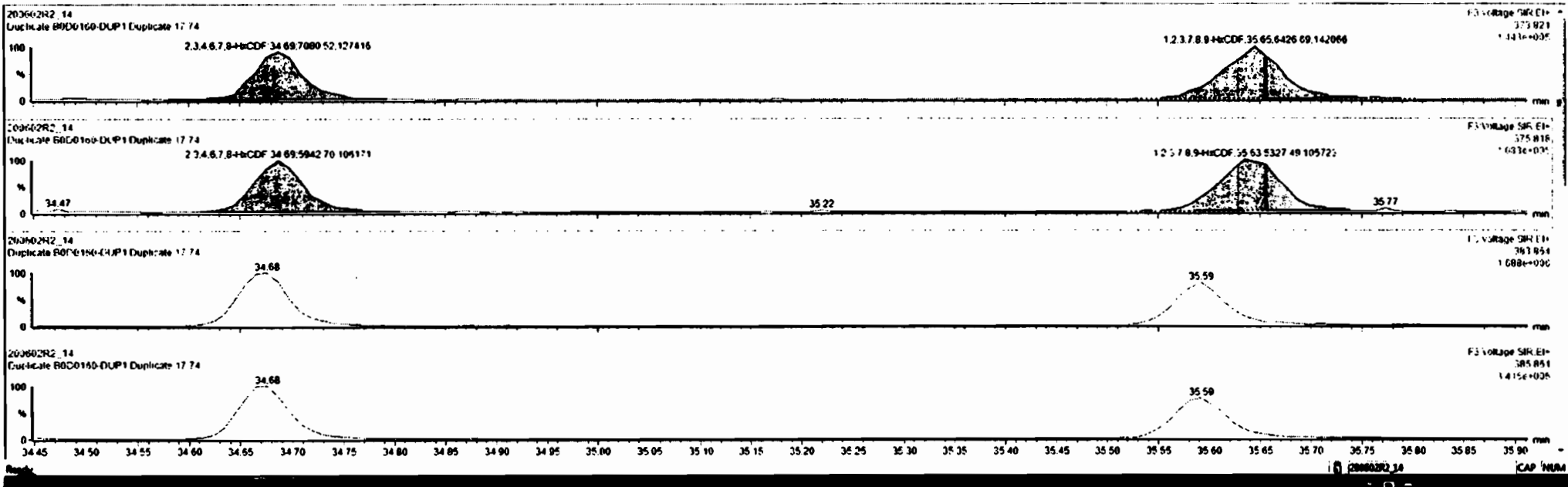
Sample	Resp	RA	dy	RF	WV	RT	RT	Comp	%Inc	CL	EMPC
45	Total Hexa-Furans			0.652E	10.820			101		0.271	101

Sample	RF	wt Resp	wt Resp	RA	dy	EMPC	Comp
1	Total Hexa-Furans	32.80	7.857e3	6.908e3	1.14	NO	10.575
2	Total Hexa-Furans	32.96	2.782e4	2.316e4	1.20	NO	36.518
3	Total Hexa-Furans	33.33	5.181e2	4.809e2	1.02	NO	0.71561
4	Total Hexa-Furans	33.61	3.000e4	2.408e4	1.25	NO	36.718
5	Total Hexa-Furans	33.88	1.022e3	8.549e2	1.20	NO	1.3444
6	1,2,3,4,7,8-HxCDF	33.97	1.171e5	9.818e4	1.19	NO	157.58
7	1,2,3,6,7,8-HxCDF	34.10	3.034e4	2.598e4	1.21	NO	36.593
8	2,3,4,6,7,8-HxCDF	34.68	7.061e3	5.943e3	1.19	NO	9.3587
9	1,2,3,7,8,9-HxCDF	35.65	9.671e3	7.659e3	1.26	NO	16.836



Name	Resp	RA	dy	RF	WVal	RT	RTT	Conc	%Rec	CL	EMPC
45	Total Hexa-Furans			0.0025	10.025			101		0.271	101
46	Total Hexa-Furans										

Name	RF	MS Resp	MS Resp	RA	dy	EMPC	Conc.
1	Total Hexa-Furans	32.80	7.857e3	6.800e3	1.14	NO	10.575
2	Total Hexa-Furans	32.96	2.782e4	2.316e4	1.20	NO	36.516
3	Total Hexa-Furans	33.33	5.181e2	4.600e2	1.06	NO	0.71551
4	Total Hexa-Furans	33.51	3.000e4	2.400e4	1.25	NO	36.716
5	Total Hexa-Furans	33.88	1.822e3	8.549e2	1.20	NO	1.3444
6	1,2,3,4,7,8-HxCDF	33.97	1.171e5	9.816e4	1.19	NO	117.68
7	1,2,3,6,7,8-HxCDF	34.10	3.030e4	2.500e4	1.21	NO	36.593
8	2,3,4,6,7,8-HxCDF	34.60	7.081e3	5.943e3	1.19	NO	9.3507
9	1,2,3,7,8-HxCDF	35.65	6.427e3	5.327e3	1.21	NO	10.877
10	Total Hexa-Furans	35.88	2.823e3	2.181e3	1.34	NO	3.6557

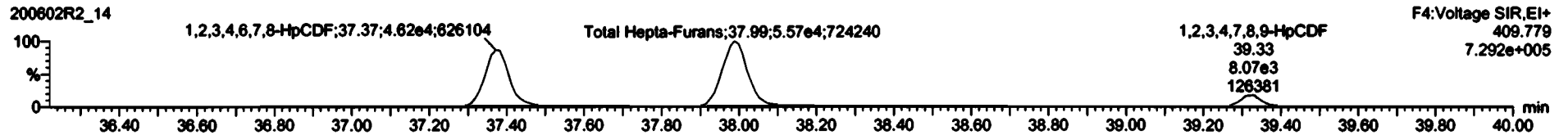
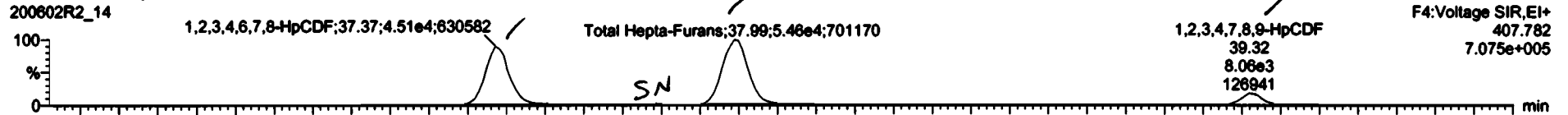


Dataset: Untitled

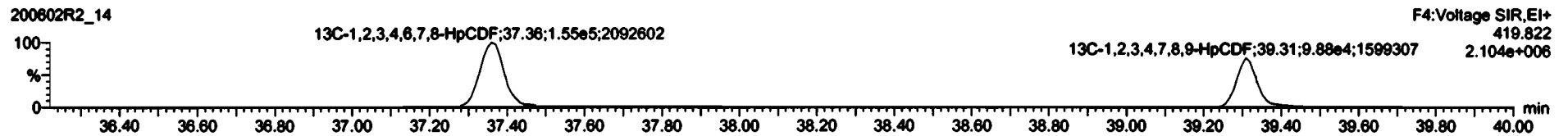
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate

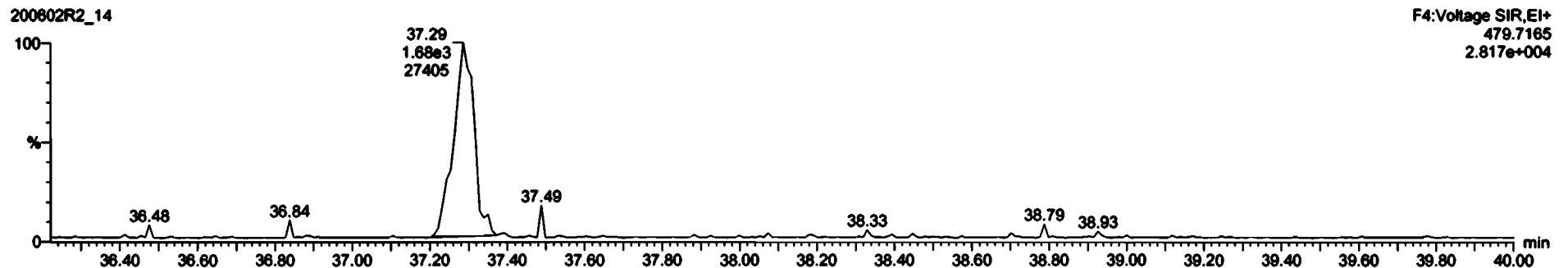
1,2,3,4,6,7,8-HpCDF



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

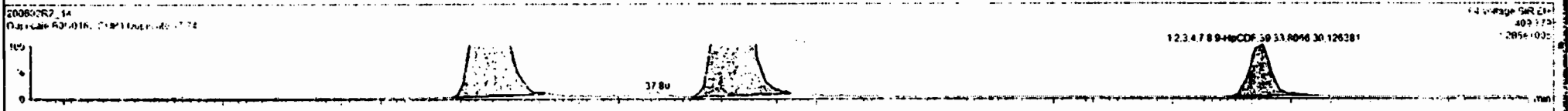


DPE4



Step	Resp	RA	my	AMP	up/pt	FT	ERT	Comp	%Acc	DL	EMPC
66	Total Mass Furnace			0.9341	13.879			791		0.417	300
67	Total Mass Furnace			0.9341	13.879			791		0.417	300

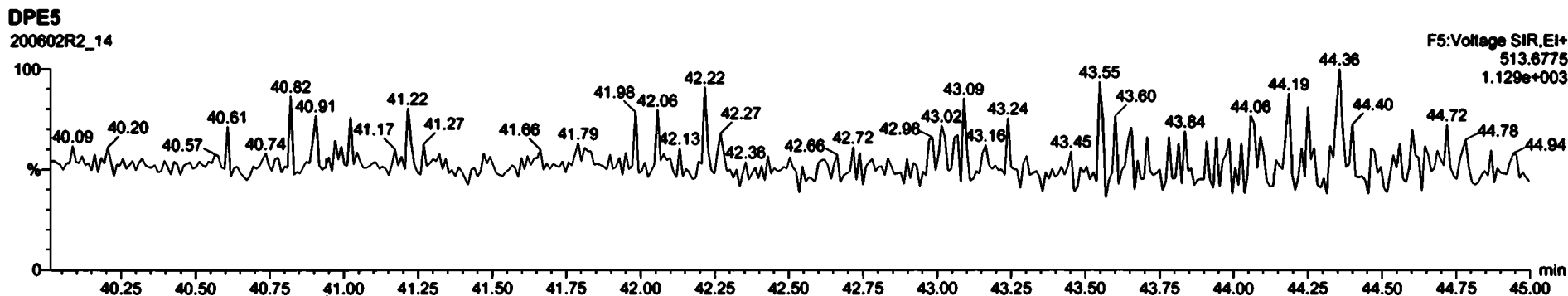
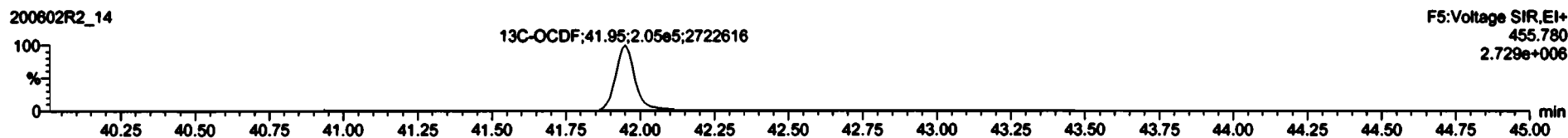
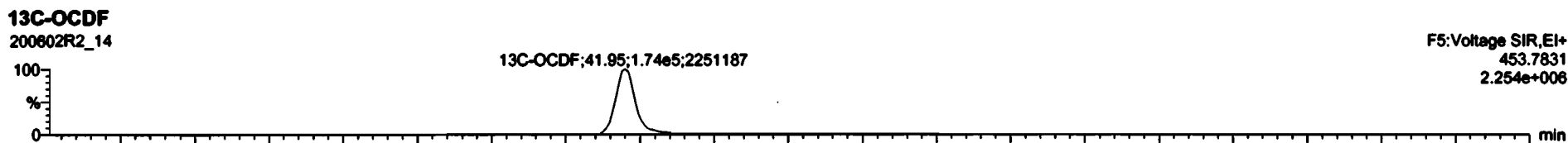
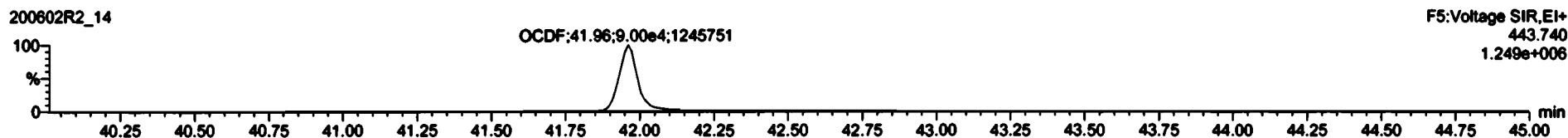
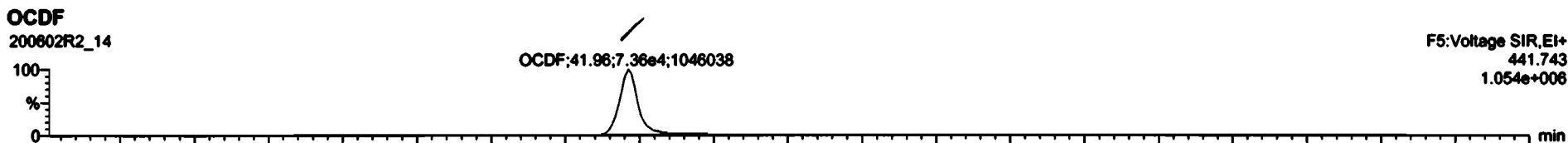
Peak	RT	ml Resp	62 Resp	RA	my	EMPC	Comp
1	1.2, 3.6, 7.2, etc. 7.8	17.77	4.13e-4	4.622e4	0.98	ND	92.256
2	Total Inert Gas	17.58	5.40e-4	1.572e4	0.98	NC	140.17
3	1.2, 3.6, 7.2, etc. 7.8	19.27	5.31e-3	6.08e3	1.00	NC	22.195



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

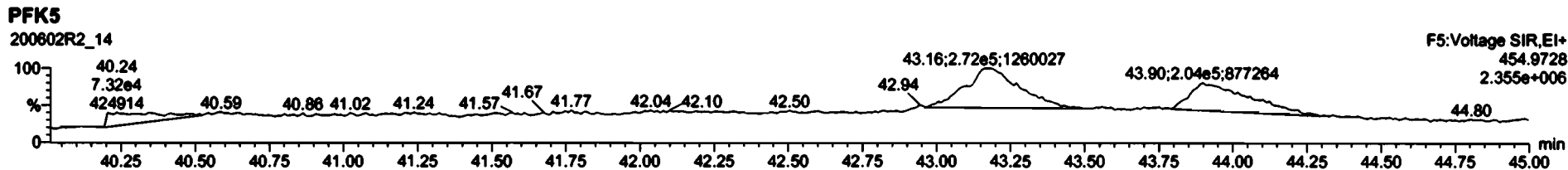
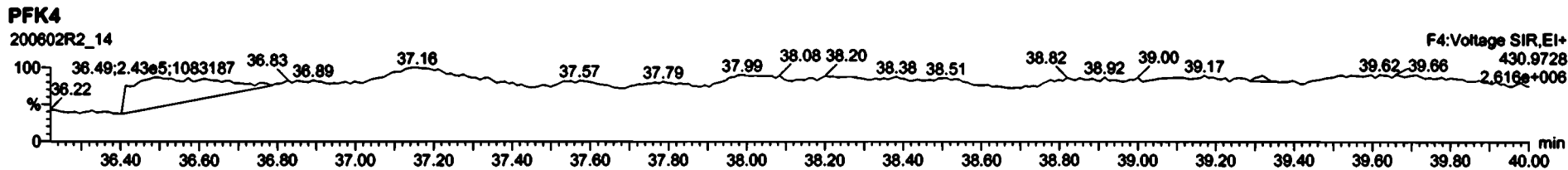
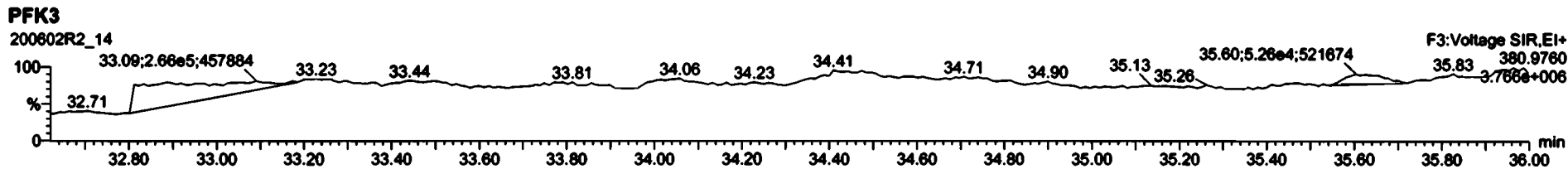
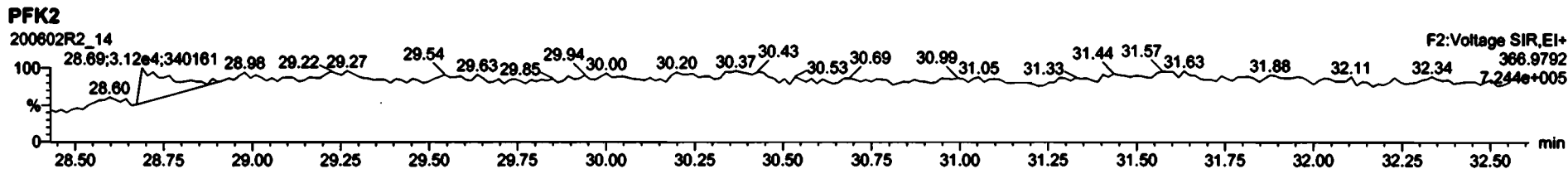
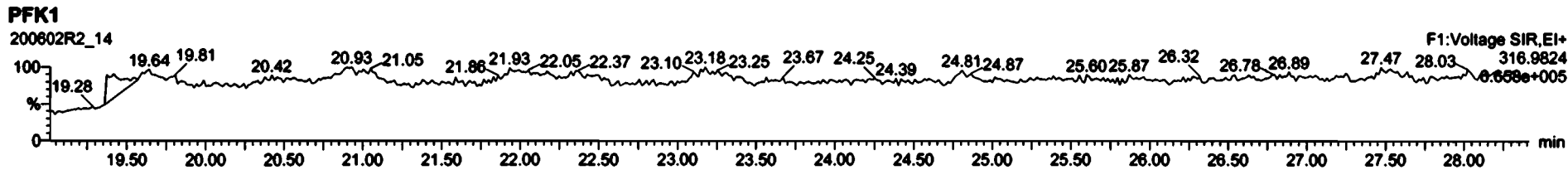
Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_14, Date: 03-Jun-2020, Time: 01:21:38, ID: B0D0160-DUP1 Duplicate 17.74, Description: Duplicate



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

GRB 06/03/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

C7 06/04/2020

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

1	2,3,7,8-TCDD	2.73e3	0.89	NO	0.888	10.010	26.546	26.53	1.001	1.001	1.2312		0.190	1.23
2	1,2,3,7,8-PeCDD	5.57e3	0.62	NO	0.908	10.010	31.488	31.48	1.001	1.000	2.9219		0.192	2.92
3	1,2,3,4,7,8-HxCDD	1.91e3	1.33	NO	1.03	10.010	34.857	34.86	1.000	1.000	1.3479		0.343	1.35
4	1,2,3,6,7,8-HxCDD	1.22e4	1.26	NO	0.892	10.010	34.953	34.97	1.000	1.001	8.0033		0.336	8.00
5	1,2,3,7,8,9-HxCDD	4.92e3	1.42	NO	0.887	10.010	35.241	35.25	1.000	1.001	3.4426		0.371	3.44
6	1,2,3,4,6,7,8-HpCDD	1.34e5	1.03	NO	0.864	10.010	38.778	38.79	1.000	1.001	125.21		0.653	125
7	OCDD	1.37e6	0.90	NO	0.914	10.010	41.770	41.78	1.000	1.000	1321.2		0.888	1320
8	2,3,7,8-TCDF	1.93e5	0.75	NO	0.751	10.010	25.641	25.65	1.001	1.001	98.228	(81.3)	0.415	98.2
9	1,2,3,7,8-PeCDF	2.35e5	1.53	NO	0.893	10.010	30.205	30.20	1.001	1.001	95.473		0.312	95.5
10	2,3,4,7,8-PeCDF	1.19e5	1.56	NO	0.935	10.010	31.192	31.19	1.001	1.001	47.069		0.295	47.1
11	1,2,3,4,7,8-HxCDF	1.84e5	1.20	NO	0.884	10.010	33.963	33.98	1.000	1.001	127.28		0.430	127
12	1,2,3,6,7,8-HxCDF	5.09e4	1.21	NO	0.889	10.010	34.101	34.10	1.000	1.000	30.905		0.404	30.9
13	2,3,4,6,7,8-HxCDF	1.40e4	1.21	NO	0.934	10.010	34.711	34.69	1.001	1.000	8.9120		0.439	8.91
14	1,2,3,7,8,9-HxCDF	1.83e4	1.15	NO	0.871	10.010	35.592	35.65	1.000	1.002	15.052		0.599	15.1
15	1,2,3,4,6,7,8-HpCDF	6.20e4	0.98	NO	0.873	10.010	37.398	37.38	1.001	1.001	55.009		0.543	55.0
16	1,2,3,4,7,8,9-HpCDF	1.68e4	0.99	NO	1.01	10.010	39.310	39.33	1.000	1.001	20.202		0.609	20.2
17	OCDF	1.10e5	0.84	NO	0.806	10.010	41.961	41.98	1.000	1.001	117.73		0.394	118
18	13C-2,3,7,8-TCDD	4.99e5	0.77	NO	1.16	10.010	26.538	26.51	1.026	1.025	158.66	79.4	0.209	
19	13C-1,2,3,7,8-PeCDD	4.19e5	0.62	NO	0.849	10.010	31.729	31.47	1.227	1.217	181.62	90.9	0.429	
20	13C-1,2,3,4,7,8-HxCDD	2.74e5	1.28	NO	0.779	10.010	34.853	34.85	1.014	1.014	197.18	98.7	0.737	
21	13C-1,2,3,6,7,8-HxCDD	3.42e5	1.27	NO	1.02	10.010	34.966	34.95	1.017	1.017	188.41	94.3	0.565	
22	13C-1,2,3,7,8,9-HxCDD	3.22e5	1.27	NO	0.903	10.010	35.238	35.23	1.025	1.025	199.49	99.8	0.636	
23	13C-1,2,3,4,6,7,8-HpCDD	2.47e5	1.02	NO	0.689	10.010	38.764	38.77	1.128	1.128	200.36	100	0.808	
24	13C-OCDD	4.54e5	0.90	NO	0.652	10.010	41.788	41.77	1.216	1.215	389.35	97.4	0.807	
25	13C-2,3,7,8-TCDF	5.23e5	0.77	NO	1.06	10.010	25.578	25.61	0.989	0.991	135.34	67.7	0.386	
26	13C-1,2,3,7,8-PeCDF	5.51e5	1.55	NO	0.838	10.010	30.111	30.18	1.165	1.167	180.00	90.1	0.622	
27	13C-2,3,4,7,8-PeCDF	5.42e5	1.57	NO	0.817	10.010	31.065	31.16	1.202	1.205	181.64	90.9	0.638	
28	13C-1,2,3,4,7,8-HxCDF	3.27e5	0.50	NO	1.01	10.010	33.983	33.96	0.989	0.988	181.46	90.8	0.981	
29	13C-1,2,3,6,7,8-HxCDF	3.70e5	0.49	NO	1.17	10.010	34.107	34.09	0.992	0.992	177.40	88.8	0.847	
30	13C-2,3,4,6,7,8-HxCDF	3.35e5	0.49	NO	1.02	10.010	34.681	34.68	1.009	1.009	183.50	91.8	0.967	
31	13C-1,2,3,7,8,9-HxCDF	2.78e5	0.48	NO	0.860	10.010	35.581	35.59	1.035	1.036	181.20	90.7	1.15	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.58e5	0.42	NO	0.774	10.010	37.331	37.36	1.086	1.087	186.30	93.2	0.647	
33	13C-1,2,3,4,7,8,9-HpCDF	1.64e5	0.43	NO	0.521	10.010	39.362	39.31	1.145	1.144	175.71	87.9	0.962	
34	13C-OCDF	4.63e5	0.87	NO	0.746	10.010	41.960	41.96	1.221	1.221	347.69	87.0	0.643	
35	37Cl-2,3,7,8-TCDD	1.68e5			1.04	10.010	26.569	26.53	1.028	1.026	59.711	74.7	0.177	
36	13C-1,2,3,4-TCDD	5.43e5	0.77	NO	1.00	10.010	25.890	25.85	1.000	1.000	199.79	100	0.242	
37	13C-1,2,3,4-TCDF	7.30e5	0.77	NO	1.00	10.010	24.360	24.18	1.000	1.000	199.79	100	0.409	
38	13C-1,2,3,4,6,9-HxCDF	3.57e5	0.50	NO	1.00	10.010	34.420	34.37	1.000	1.000	199.79	100	0.988	
39	Total Tetra-Dioxins				0.888	10.010	24.620		0.000		11.709		0.190	11.7
40	Total Penta-Dioxins				0.908	10.010	29.960		0.000		17.585		0.192	19.8
41	Total Hexa-Dioxins				0.892	10.010	33.635		0.000		76.899		0.365	76.9
42	Total Hepta-Dioxins				0.864	10.010	37.640		0.000		291.20		0.653	291
43	Total Tetra-Furans				0.751	10.010	23.610		0.000		292.98		0.415	303
44	1st Func. Penta-Furans				0.893	10.010	27.580		0.000		29.611		0.0510	29.6
45	Total Penta-Furans				0.893	10.010	29.275		0.000		258.96		0.311	267
46	Total Hexa-Furans				0.934	10.010	33.555		0.000		257.24		0.441	257
47	Total Hepta-Furans				0.873	10.010	37.835		0.000		167.44		0.606	167

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

Tetra-Dioxins

Total Tetra-Dioxins	22.53	2.696e4	3.282e4	2.950e3	3.537e3	0.83	NO	6.487e3	2.9242	2.9242	0.190
Total Tetra-Dioxins	22.97	1.359e4	2.042e4	1.331e3	1.643e3	0.81	NO	2.975e3	1.3409	1.3409	0.190
Total Tetra-Dioxins	23.49	5.425e3	7.435e3	5.096e2	6.328e2	0.81	NO	1.142e3	0.51486	0.51486	0.190
Total Tetra-Dioxins	24.33	4.796e3	6.873e3	3.738e2	5.165e2	0.72	NO	8.904e2	0.40135	0.40135	0.190
Total Tetra-Dioxins	24.60	9.353e3	7.922e3	6.681e2	7.677e2	0.87	NO	1.436e3	0.64723	0.64723	0.190
Total Tetra-Dioxins	24.82	1.079e4	1.297e4	8.812e2	9.988e2	0.88	NO	1.880e3	0.84744	0.84744	0.190
Total Tetra-Dioxins	25.03	2.998e3	5.520e3	2.370e2	3.540e2	0.67	NO	5.910e2	0.26639	0.26639	0.190
Total Tetra-Dioxins	25.27	3.551e3	6.029e3	2.758e2	3.348e2	0.82	NO	6.106e2	0.27523	0.27523	0.190
Total Tetra-Dioxins	25.47	5.013e3	4.130e3	2.968e2	3.433e2	0.86	NO	6.401e2	0.28852	0.28852	0.190
Total Tetra-Dioxins	25.84	3.272e3	5.770e3	3.144e2	4.041e2	0.78	NO	7.185e2	0.32387	0.32387	0.190
Total Tetra-Dioxins	26.24	2.886e4	3.707e4	2.202e3	2.867e3	0.77	NO	5.069e3	2.2852	2.2852	0.190
2,3,7,8-TCDD	26.53	1.532e4	2.290e4	1.111e3	1.621e3	0.69	NO	2.731e3	1.2312	1.2312	0.190
Total Tetra-Dioxins	26.86	5.469e3	8.423e3	3.319e2	4.719e2	0.70	NO	8.039e2	0.36237	0.36237	0.190

Penta-Dioxins

Total Penta-Dioxins	29.25	4.309e4	7.543e4	3.741e3	5.916e3	0.63	NO	9.658e3	5.0671	5.0671	0.192
Total Penta-Dioxins	29.76	1.744e4	2.832e4	8.956e2	1.370e3	0.65	NO	2.265e3	1.1886	1.1886	0.192
Total Penta-Dioxins	30.25	3.842e4	6.137e4	2.316e3	3.346e3	0.69	NO	5.662e3	2.9705	2.9705	0.192
Total Penta-Dioxins	30.41	2.051e4	4.313e4	1.243e3	2.256e3	0.55	NO	3.498e3	1.8354	1.8354	0.192
Total Penta-Dioxins	30.50	2.097e4	2.807e4	1.073e3	1.731e3	0.62	NO	2.804e3	1.4710	1.4710	0.192
Total Penta-Dioxins	30.72	1.724e4	4.050e4	1.202e3	1.865e3	0.64	NO	0.000e0	0.00000	1.6094	0.192
Total Penta-Dioxins	30.76	1.212e4	2.204e4	4.055e2	6.638e2	0.61	NO	0.000e0	0.00000	0.56103	0.192
Total Penta-Dioxins	31.05	1.189e4	1.920e4	6.182e2	9.915e2	0.62	NO	1.610e3	0.84452	0.84452	0.192
1,2,3,7,8-PeCDD	31.48	4.040e4	7.225e4	2.138e3	3.431e3	0.62	NO	5.569e3	2.9219	2.9219	0.192
Total Penta-Dioxins	31.59	7.700e3	1.413e4	5.390e2	7.771e2	0.69	NO	1.316e3	0.69047	0.69047	0.192
Total Penta-Dioxins	31.86	7.529e3	1.112e4	4.439e2	6.908e2	0.64	NO	1.135e3	0.59534	0.59534	0.192

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

Hexa-Dioxins

Total Hexa-Dioxins	33.36	3.551e5	2.862e5	1.802e4	1.486e4	1.21	NO	3.288e4	23.531	23.531	0.365
Total Hexa-Dioxins	33.91	5.412e4	4.278e4	2.989e3	2.266e3	1.32	NO	5.255e3	3.7608	3.7608	0.365
Total Hexa-Dioxins	34.18	3.879e5	3.223e5	2.669e4	2.174e4	1.23	NO	4.843e4	34.657	34.657	0.365
Total Hexa-Dioxins	34.28	1.911e4	1.761e4	9.680e2	9.176e2	1.05	NO	1.886e3	1.3495	1.3495	0.365
1,2,3,4,7,8-HxCDD	34.86	1.981e4	1.356e4	1.092e3	8.215e2	1.33	NO	1.914e3	1.3479	1.3479	0.343
1,2,3,6,7,8-HxCDD	34.97	1.093e5	9.581e4	6.815e3	5.422e3	1.26	NO	1.224e4	8.0033	8.0033	0.336
Total Hexa-Dioxins	35.17	1.159e4	9.585e3	6.588e2	4.689e2	1.41	NO	1.128e3	0.80699	0.80699	0.365
1,2,3,7,8,9-HxCDD	35.25	4.658e4	3.341e4	2.885e3	2.033e3	1.42	NO	4.918e3	3.4426	3.4426	0.371

Hepta-Dioxins

Total Hepta-Dioxins	37.76	1.184e6	1.169e6	8.930e4	8.781e4	1.02	NO	1.771e5	165.98	165.98	0.653
1,2,3,4,6,7,8-HpCDD	38.79	9.659e5	9.510e5	6.774e4	6.587e4	1.03	NO	1.336e5	125.21	125.21	0.653

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

Tetra-Furans

Total Tetra-Furans	20.39	1.028e4	1.734e4	8.681e2	1.223e3	0.71	NO	2.092e3	1.0633	1.0633	0.415
Total Tetra-Furans	20.93	2.621e4	3.819e4	2.373e3	3.018e3	0.79	NO	5.391e3	2.7407	2.7407	0.415
Total Tetra-Furans	21.53	1.350e5	1.913e5	1.224e4	1.679e4	0.73	NO	2.904e4	14.762	14.762	0.415
Total Tetra-Furans	22.01	1.813e4	3.258e4	1.556e3	1.983e3	0.78	NO	3.538e3	1.7989	1.7989	0.415
Total Tetra-Furans	22.11	3.631e4	4.765e4	4.239e3	5.915e3	0.72	NO	1.015e4	5.1623	5.1623	0.415
Total Tetra-Furans	22.41	2.965e4	4.167e4	1.330e3	1.681e3	0.79	NO	3.010e3	1.5304	1.5304	0.415
Total Tetra-Furans	22.49	2.113e5	2.753e5	1.919e4	2.617e4	0.73	NO	4.536e4	23.062	23.062	0.415
Total Tetra-Furans	22.98	6.375e4	8.837e4	6.240e3	8.509e3	0.73	NO	1.475e4	7.4980	7.4980	0.415
Total Tetra-Furans	23.16	2.696e4	3.507e4	2.608e3	3.151e3	0.83	NO	5.758e3	2.9275	2.9275	0.415
Total Tetra-Furans	23.35	4.709e4	7.169e4	4.481e3	6.003e3	0.75	NO	1.048e4	5.3299	5.3299	0.415
Total Tetra-Furans	23.79	1.075e4	1.178e4	7.466e2	1.053e3	0.71	NO	1.800e3	0.91487	0.91487	0.415
Total Tetra-Furans	23.94	1.412e4	2.592e4	1.578e3	2.135e3	0.74	NO	3.713e3	1.8875	1.8875	0.415
Total Tetra-Furans	24.10	6.249e4	8.132e4	4.148e3	5.546e3	0.75	NO	9.694e3	4.9281	4.9281	0.415
Total Tetra-Furans	24.18	1.214e5	1.627e5	1.195e4	1.557e4	0.77	NO	2.752e4	13.991	13.991	0.415
Total Tetra-Furans	24.70	9.064e5	1.240e6	7.051e4	9.656e4	0.73	NO	1.671e5	84.935	84.935	0.415
Total Tetra-Furans	25.00	3.082e4	5.003e4	2.480e3	3.465e3	0.72	NO	5.946e3	3.0226	3.0226	0.415
Total Tetra-Furans	25.20	1.109e4	1.189e4	7.363e2	9.881e2	0.75	NO	1.724e3	0.87670	0.87670	0.415
Total Tetra-Furans	25.41	1.470e4	1.798e4	8.657e2	1.122e3	0.77	NO	1.987e3	1.0103	1.0103	0.415
Total Tetra-Furans	25.53	1.232e5	1.623e5	7.605e3	1.022e4	0.74	NO	1.782e4	9.0607	9.0607	0.415
2,3,7,8-TCDF	25.65	1.094e6	1.507e6	8.268e4	1.105e5	0.75	NO	1.932e5	98.226	98.226	0.415
Total Tetra-Furans	26.00	7.756e4	1.098e5	5.967e3	8.642e3	0.69	NO	1.461e4	7.4271	7.4271	0.415
Total Tetra-Furans	26.26	1.129e4	1.377e4	7.657e2	8.650e2	0.89	NO	1.631e3	0.82903	0.82903	0.415
Total Tetra-Furans	27.64	1.598e5	1.649e5	1.064e4	1.130e4	0.94	YES	0.000e0	0.00000	10.172	0.415

Penta-Furans function 1

1st Func. Penta-Furans	27.62	7.102e5	4.520e5	4.453e4	2.771e4	1.61	NO	7.225e4	29.611	29.611	0.0510
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

Penta-Furans

Total Penta-Furans	29.07	8.513e4	4.779e4	4.919e3	3.277e3	1.50	NO	8.196e3	3.3594	3.3594	0.311
Total Penta-Furans	29.21	1.222e6	7.786e5	7.415e4	4.875e4	1.52	NO	1.229e5	50.374	50.374	0.311
Total Penta-Furans	29.27	1.315e5	7.868e4	3.907e3	2.849e3	1.37	NO	6.757e3	2.7693	2.7693	0.311
Total Penta-Furans	29.80	1.582e5	1.042e5	9.962e3	6.554e3	1.52	NO	0.000e0	0.00000	6.7694	0.311
Total Penta-Furans	29.85	5.355e4	3.899e4	2.433e3	1.791e3	1.36	NO	0.000e0	0.00000	1.7311	0.311
Total Penta-Furans	30.02	3.680e5	2.418e5	1.890e4	1.197e4	1.58	NO	3.087e4	12.651	12.651	0.311
1,2,3,7,8-PeCDF	30.20	2.628e6	1.725e6	1.420e5	9.290e4	1.53	NO	2.349e5	95.473	95.473	0.312
Total Penta-Furans	30.28	9.008e4	5.491e4	3.425e3	2.032e3	1.69	NO	5.458e3	2.2370	2.2370	0.311
Total Penta-Furans	30.47	8.818e5	5.456e5	4.857e4	3.145e4	1.54	NO	8.002e4	32.798	32.798	0.311
Total Penta-Furans	31.07	2.823e4	1.892e4	1.615e3	9.886e2	1.63	NO	2.604e3	1.0673	1.0673	0.311
2,3,4,7,8-PeCDF	31.19	1.285e6	7.966e5	7.266e4	4.661e4	1.56	NO	1.193e5	47.069	47.069	0.295
Total Penta-Furans	31.22	6.047e5	3.848e5	1.242e4	8.127e3	1.53	NO	2.055e4	8.4215	8.4215	0.311
Total Penta-Furans	32.12	7.362e4	5.228e4	4.155e3	2.543e3	1.63	NO	6.697e3	2.7450	2.7450	0.311

Hexa-Furans

Total Hexa-Furans	32.80	1.956e5	1.512e5	9.204e3	8.016e3	1.15	NO	1.722e4	11.245	11.245	0.441
Total Hexa-Furans	32.97	4.228e5	3.492e5	2.088e4	1.779e4	1.17	NO	3.866e4	25.249	25.249	0.441
Total Hexa-Furans	33.32	1.639e4	1.158e4	7.882e2	6.155e2	1.28	NO	1.404e3	0.91666	0.91666	0.441
Total Hexa-Furans	33.52	5.487e5	4.568e5	2.626e4	2.153e4	1.22	NO	4.779e4	31.208	31.208	0.441
Total Hexa-Furans	33.89	1.949e4	1.933e4	1.059e3	8.204e2	1.29	NO	1.880e3	1.2274	1.2274	0.441
1,2,3,4,7,8-HxCDF	33.98	1.823e6	1.567e6	1.003e5	8.375e4	1.20	NO	1.841e5	127.28	127.28	0.430
1,2,3,6,7,8-HxCDF	34.10	4.931e5	4.070e5	2.791e4	2.298e4	1.21	NO	5.089e4	30.905	30.905	0.404
Total Hexa-Furans	34.38	2.077e4	1.638e4	9.708e2	8.443e2	1.15	NO	1.815e3	1.1853	1.1853	0.441
2,3,4,6,7,8-HxCDF	34.69	1.336e5	1.098e5	7.646e3	6.317e3	1.21	NO	1.396e4	8.9120	8.9120	0.439
1,2,3,7,8,9-HxCDF	35.65	1.950e5	1.675e5	9.779e3	8.480e3	1.15	NO	1.826e4	15.052	15.052	0.599
Total Hexa-Furans	35.67	1.470e5	1.249e5	3.285e3	2.925e3	1.12	NO	6.210e3	4.0550	4.0550	0.441

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-12.qld

Last Altered: Wednesday, June 03, 2020 12:19:42 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:20:11 PM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.38	4.358e5	4.501e5	3.075e4	3.126e4	0.98	NO	6.201e4	55.009	55.009	0.543
Total Hepta-Furans	37.79	1.529e4	1.356e4	9.493e2	1.015e3	0.94	NO	1.964e3	2.1322	2.1322	0.606
Total Hepta-Furans	38.00	5.428e5	5.420e5	4.140e4	4.159e4	1.00	NO	8.299e4	90.094	90.094	0.606
1,2,3,4,7,8,9-HpCDF	39.33	1.373e5	1.343e5	8.356e3	8.398e3	0.99	NO	1.675e4	20.202	20.202	0.609

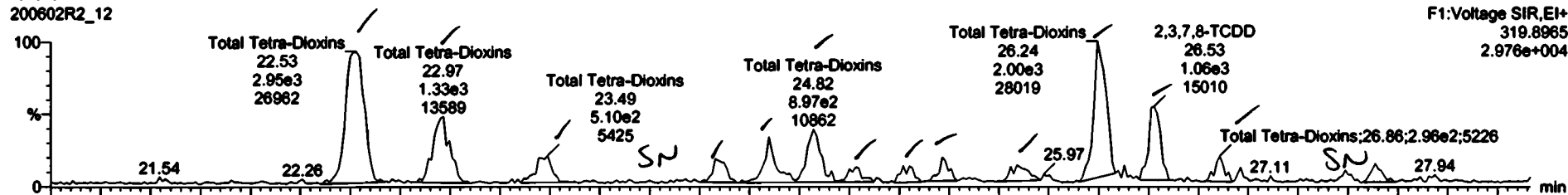
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

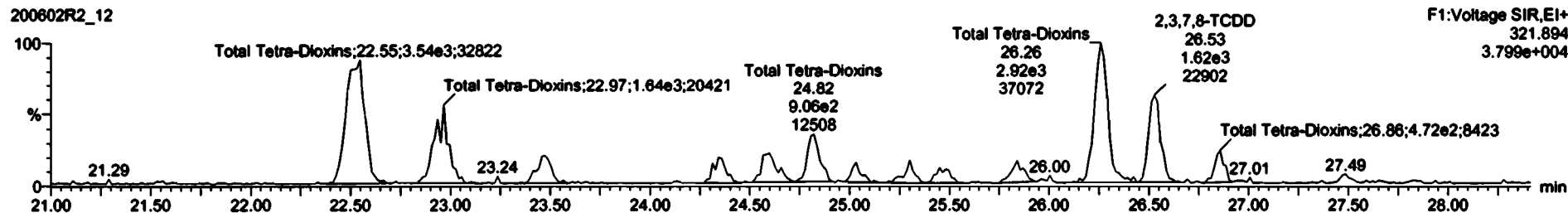
2,3,7,8-TCDD

200602R2_12



F1: Voltage SIR, EI+
319.8965
2.976e+004

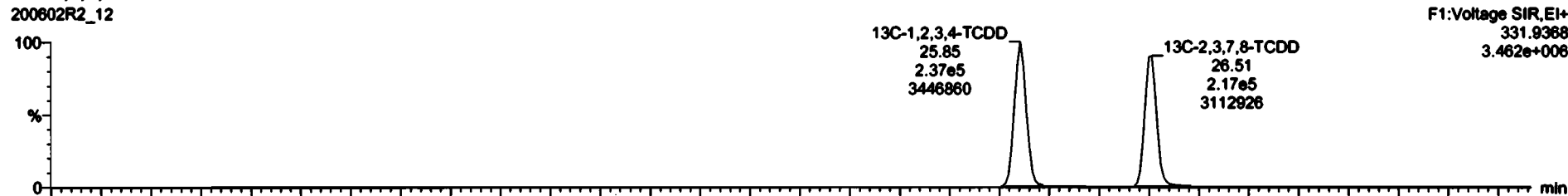
200602R2_12



F1: Voltage SIR, EI+
321.894
3.799e+004

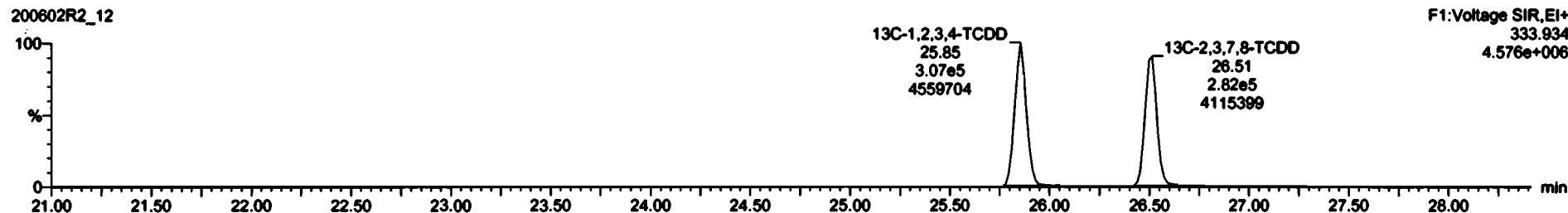
13C-2,3,7,8-TCDD

200602R2_12



F1: Voltage SIR, EI+
331.9368
3.462e+006

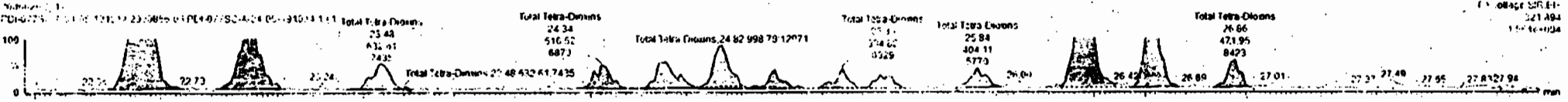
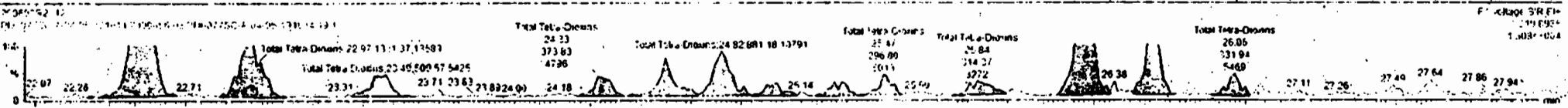
200602R2_12



F1: Voltage SIR, EI+
333.934
4.576e+006

Name	Range	QA	Ref	RPY	Initial	RT	QTY	Unit	%Rec	Q	MSD
Total Tetra-Dioxins				0.000	0.000				0.00	0.150	0.0
Total Tetra-Chlorins				0.000	0.000				0.00	0.150	0.0

Name	RB	off Ratio	int Ramp	Ret	off	CMPC	Calc
Total Tetra-Dioxins	22.51	7.51e3	2.537e3	0.67	NO	0.072	7.424
Total Tetra-Chlorins	22.97	1.331e3	1.643e3	0.61	NO	1.3499	1.3499
Total Tetra-Dioxins	23.49	5.09e2	6.326e2	0.61	NO	0.11485	0.51495
Total Tetra-Chlorins	24.31	5.72e2	2.185e2	0.72	NO	0.40136	0.40136
Total Tetra-Dioxins	24.80	4.661e2	1.677e2	0.77	NO	0.64713	0.64713
Total Tetra-Chlorins	24.82	8.112e2	0.982e2	0.94	NO	0.44714	0.44714
Total Tetra-Dioxins	26.03	2.37e2	3.540e2	0.67	NO	0.29829	0.29829
Total Tetra-Chlorins	26.27	7.15e2	2.348e2	0.62	NO	0.27223	0.27223
Total Tetra-Dioxins	26.47	2.538e2	1.433e2	0.67	NO	0.29811	0.29811
Total Tetra-Chlorins	26.84	2.144e2	2.611e2	0.74	NO	0.32527	0.32527
Total Tetra-Dioxins	26.24	7.282e3	2.07e3	0.77	NO	2.2812	2.2812
Total Tetra-Chlorins	26.53	1.111e3	1.621e3	0.69	NO	1.2311	1.2311
Total Tetra-Dioxins	26.66	5.312e2	4.719e2	0.70	NO	0.40137	0.40137

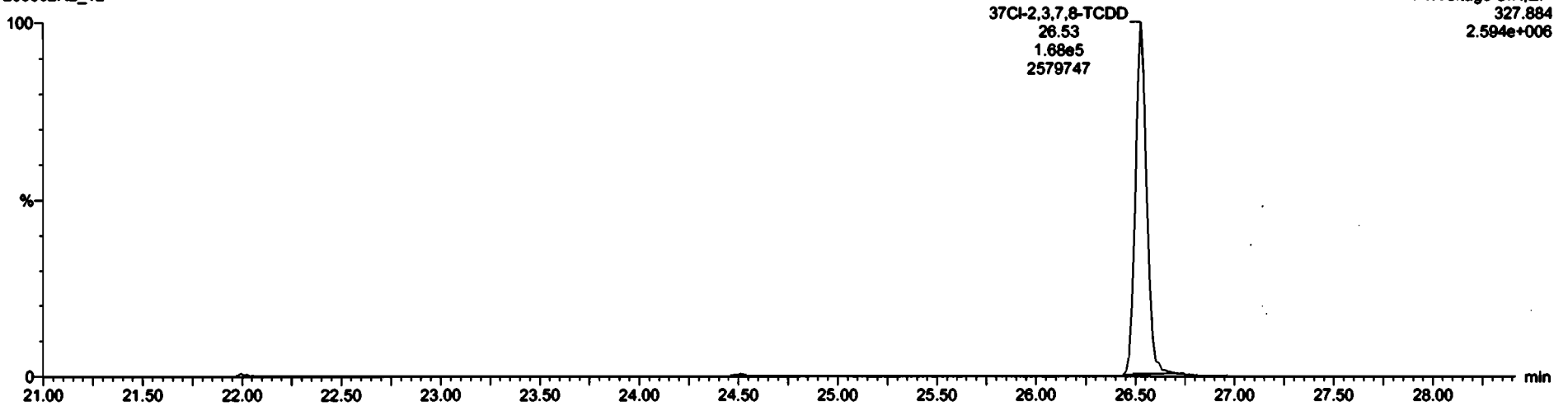


Dataset: Untitled

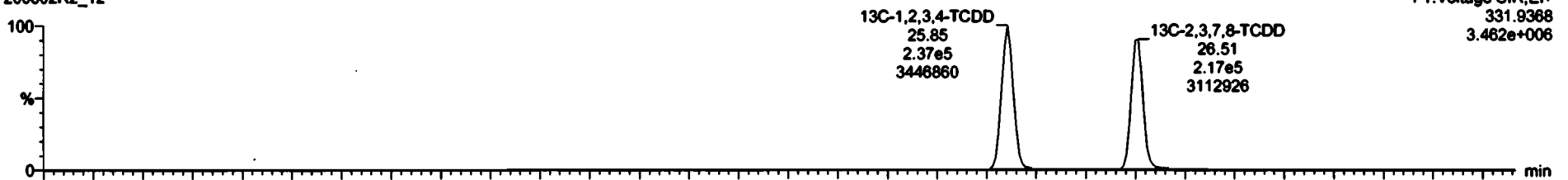
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

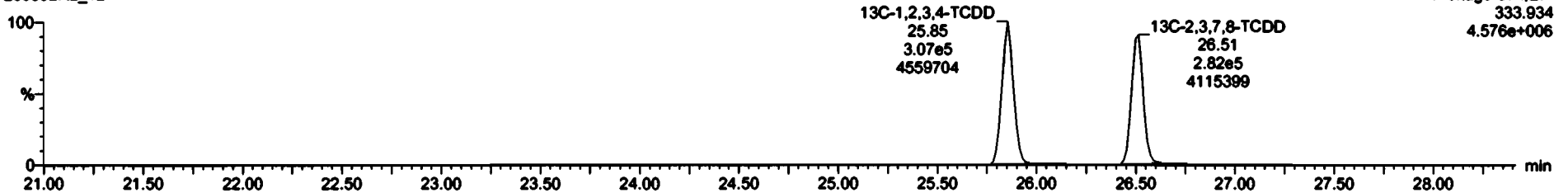
37Cl-2,3,7,8-TCDD
200602R2_12



13C-1,2,3,4-TCDD
200602R2_12



200602R2_12



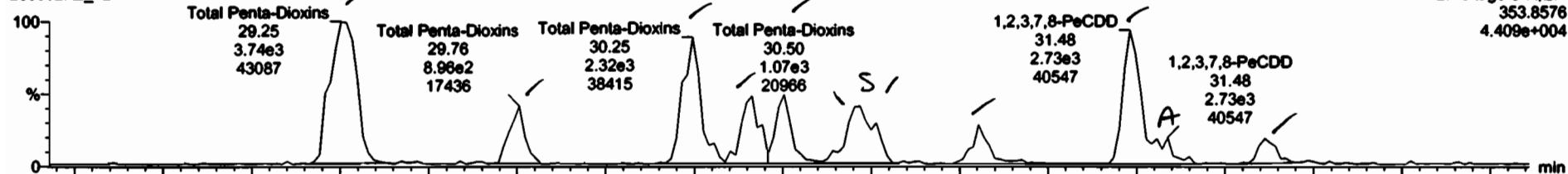
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

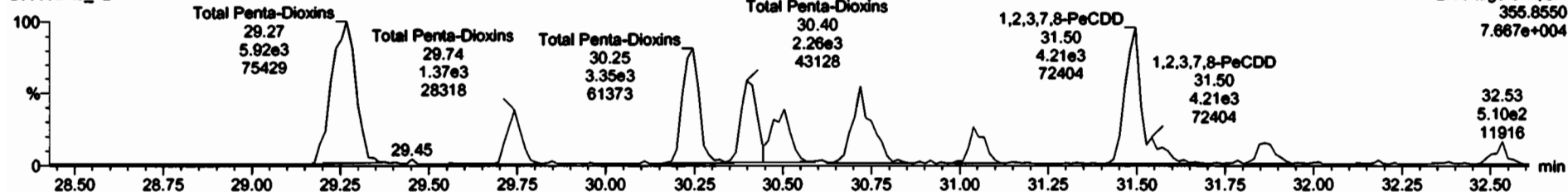
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

1,2,3,7,8-PeCDD

200602R2_12



200602R2_12

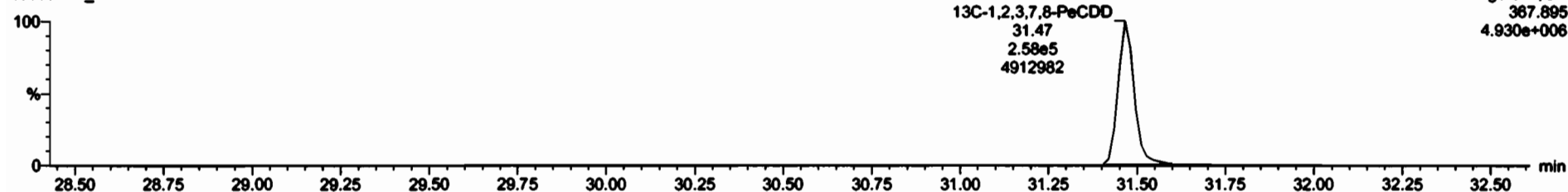


13C-1,2,3,7,8-PeCDD

200602R2_12



200602R2_12



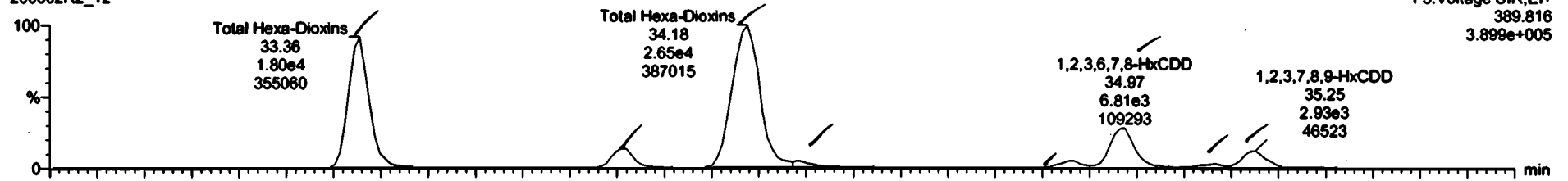
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

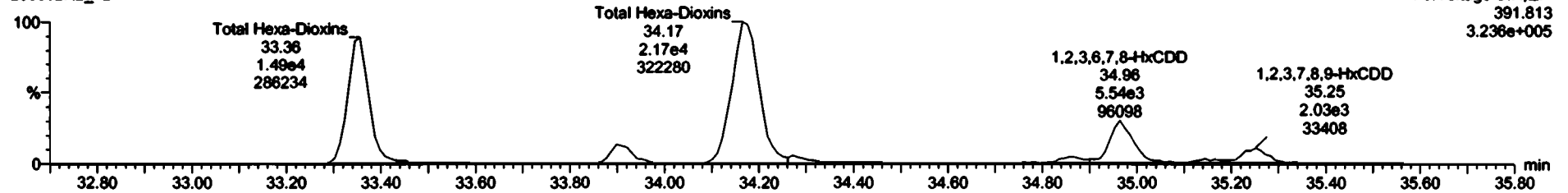
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

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

200602R2_12

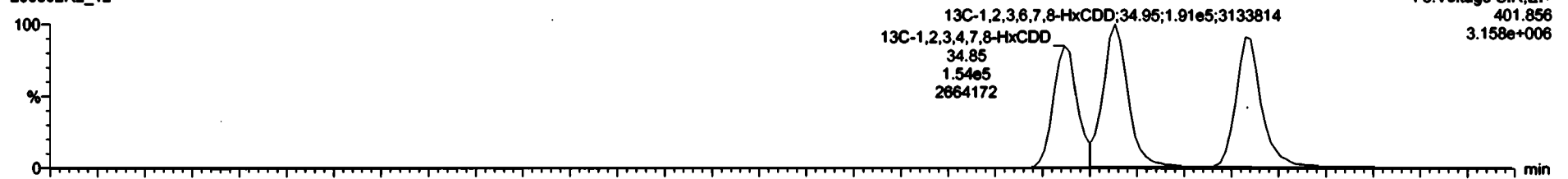


200602R2_12

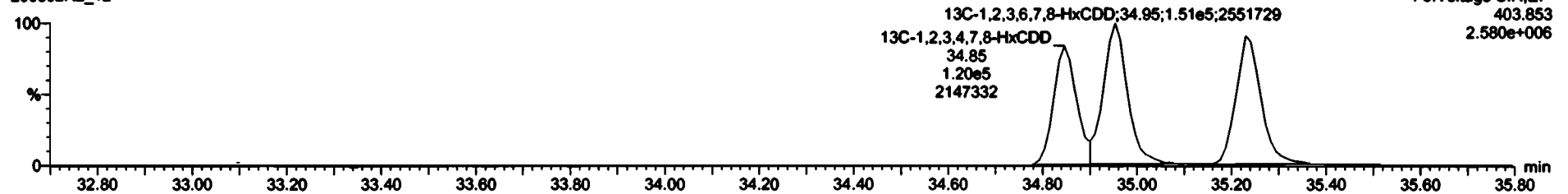


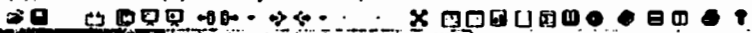
13C-1,2,3,4,7,8-HxCDD

200602R2_12



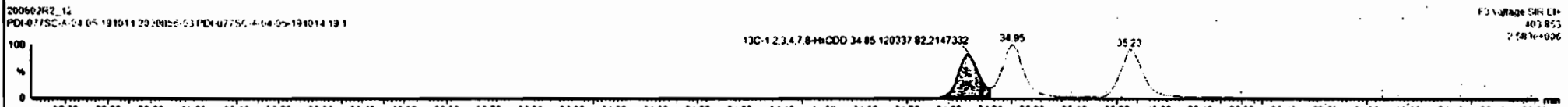
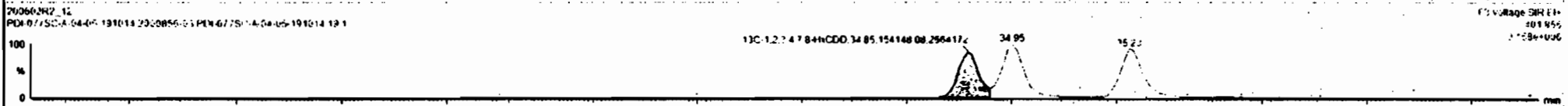
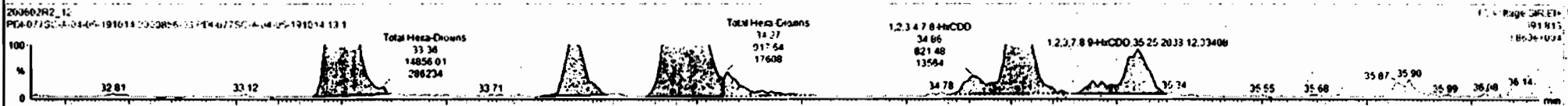
200602R2_12





Name	Resp	RA	adj	PPF	uval	RT	RTT	Comp	%Rec	OL	EMPC
Total Hexa-Chloro											
Total Hexa-Chloro				0.8639	10.010			291		5.653	291

Name	RT	ret Resp	int Resp	RA	adj	EMPC	Comp
Total Hexa-Chloro	33.36	1.802e4	1.400e4	1.21	NO	23.571	27.531
Total Hexa-Chloro	33.81	2.980e3	2.280e3	1.32	NO	7.7600	7.7600
Total Hexa-Chloro	34.18	2.660e4	2.174e4	1.23	NO	34.657	34.657
Total Hexa-Chloro	34.28	9.680e2	9.176e2	1.05	NO	1.3495	1.3495
1,2,3,4,7,8-HxCDD	34.86	1.092e3	8.215e2	1.33	NO	1.5475	1.3479
1,2,3,6,7,8-HxCDD	34.97	6.815e3	5.422e3	1.26	NO	8.6037	8.9037
Total Hexa-Chloro	35.17	8.588e2	4.888e2	1.41	NO	0.80069	0.80069
1,2,3,7,8-HxCDD	35.25	2.862e3	2.033e3	1.42	NO	3.4426	3.4426



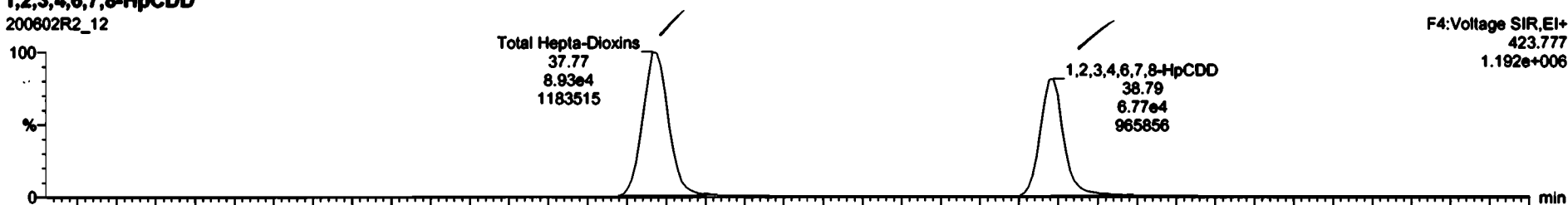
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

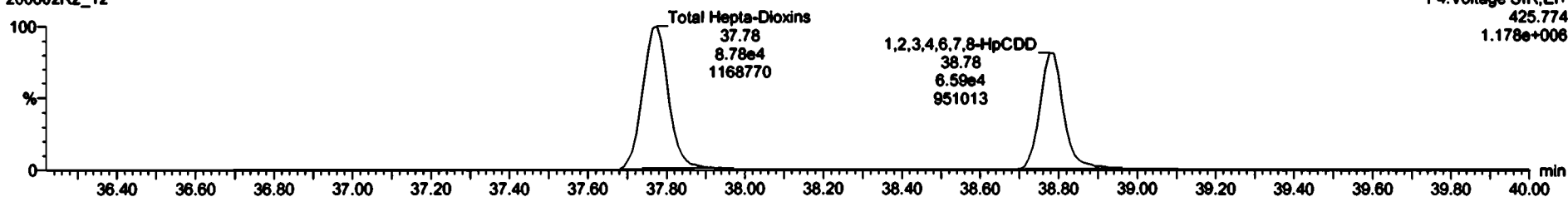
1,2,3,4,6,7,8-HpCDD

200602R2_12



F4:Voltage SIR,EI+
423.777
1.192e+006

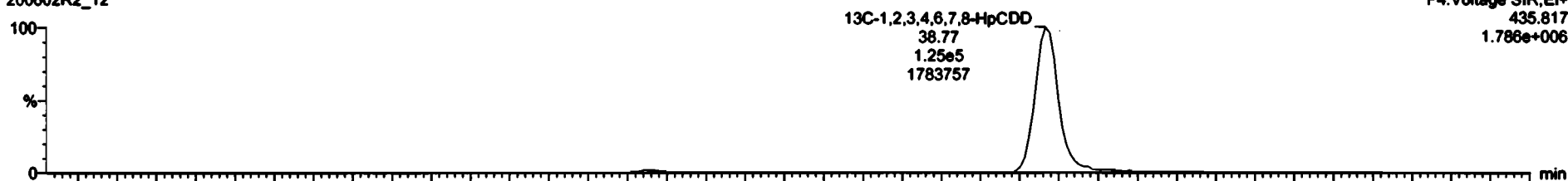
200602R2_12



F4:Voltage SIR,EI+
425.774
1.178e+006

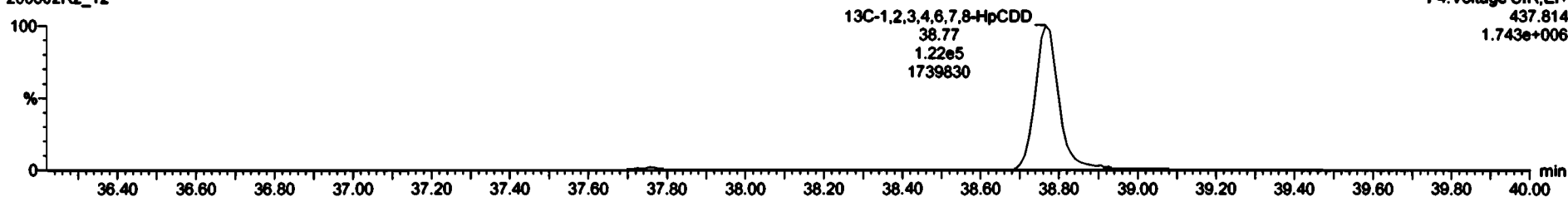
13C-1,2,3,4,6,7,8-HpCDD

200602R2_12



F4:Voltage SIR,EI+
435.817
1.786e+006

200602R2_12



F4:Voltage SIR,EI+
437.814
1.743e+006

Dataset: Untitled

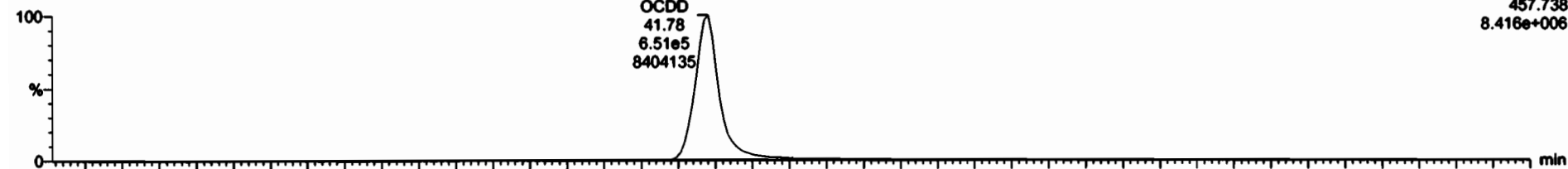
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

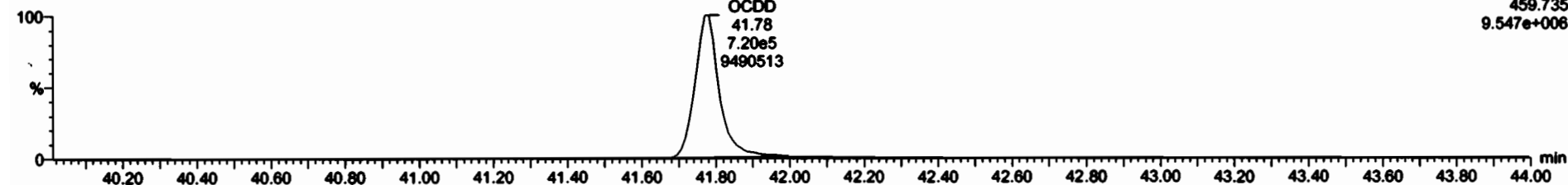
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

OCDD

200602R2_12

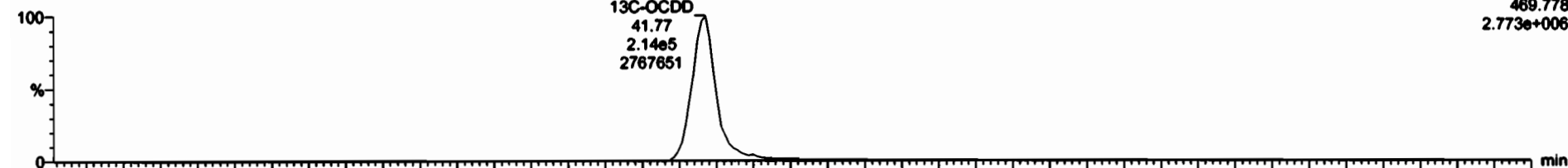


200602R2_12

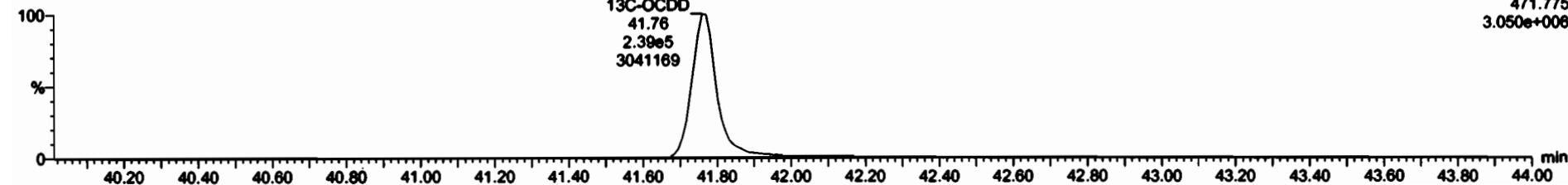


13C-OCDD

200602R2_12



200602R2_12



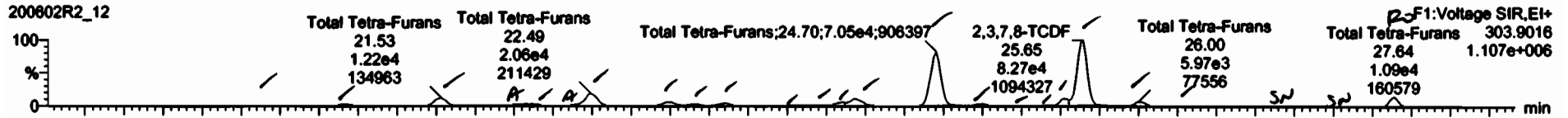
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

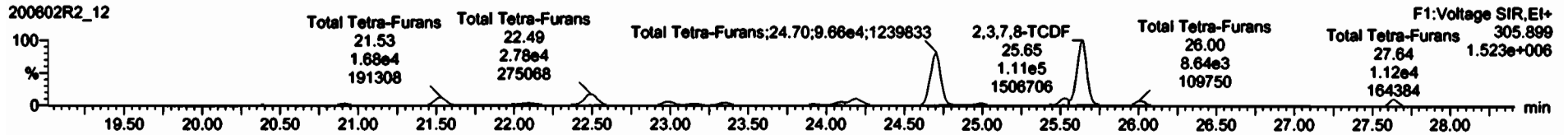
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

2,3,7,8-TCDF

200602R2_12

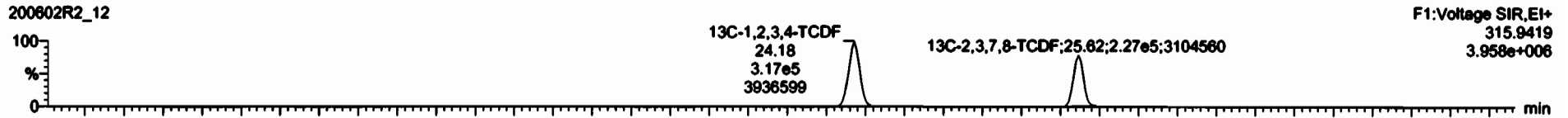


200602R2_12

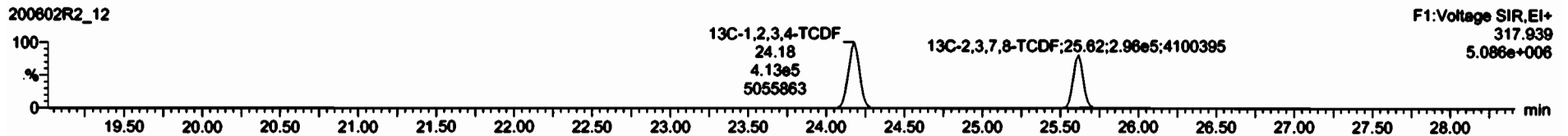


13C-2,3,7,8-TCDF

200602R2_12

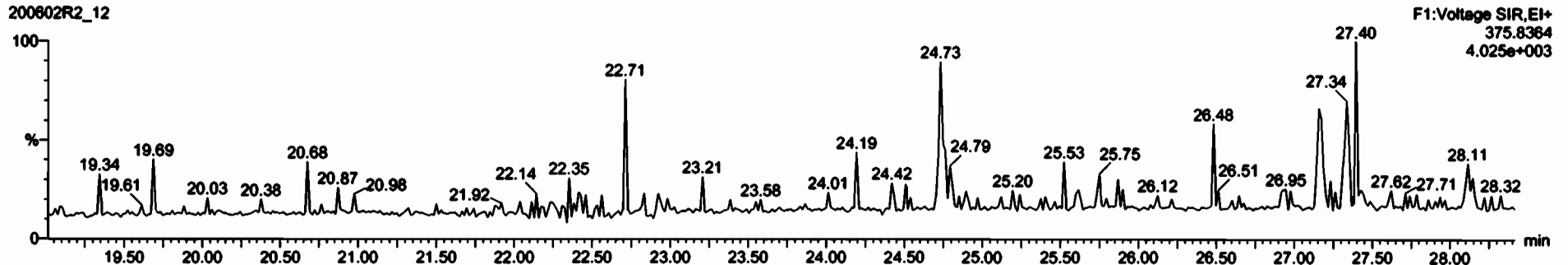


200602R2_12



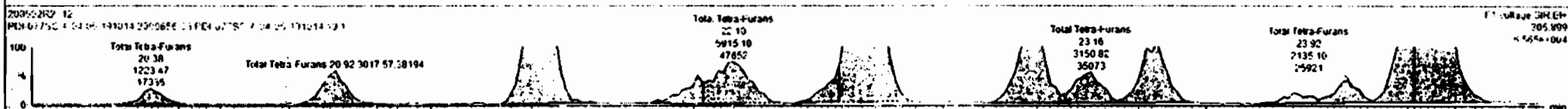
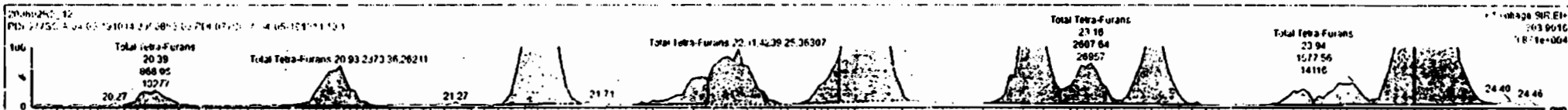
DPE1

200602R2_12



#	Name	Range	RA	aly	FW	width	RT	SLT	Conc	%Rec	DL	EMPC
41	Total Tetra-Furans				0.0023	10.010			76.0		0.265	16.4
42	Total Tetra-Furans				1.9035	10.010			291		1.853	7.1

#	Name	RT	alt Range	int Range	RA	aly	EMPC	Conc
1	Total Tetra-Furans	20.39	0.551e2	1.223e3	0.71	NO	1.0033	1.2833
2	Total Tetra-Furans	20.93	2.272e2	3.019e3	0.79	NO	2.7497	2.7407
3	Total Tetra-Furans	21.53	1.224e4	1.579e4	0.73	NO	14.762	14.762
4	Total Tetra-Furans	22.41	1.556e3	1.893e3	0.8	NO	1.7980	1.7980
5	Total Tetra-Furans	22.11	4.239e3	5.915e3	0.72	NO	5.1823	5.1823
6	Total Tetra-Furans	22.41	1.736e3	1.981e3	0.75	NO	1.5284	1.5284
7	Total Tetra-Furans	22.49	1.919e4	2.817e4	0.71	NO	21.852	23.882
8	Total Tetra-Furans	22.98	6.749e3	8.509e3	0.73	NO	7.4580	7.4880
9	Total Tetra-Furans	23.16	2.806e3	3.513e3	0.73	NO	2.9275	2.8075
10	Total Tetra-Furans	23.35	4.481e3	6.303e3	0.75	NO	5.3250	5.3285
11	Total Tetra-Furans	23.79	7.499e2	1.053e3	0.71	NO	0.9148	0.9148
12	Total Tetra-Furans	23.94	1.479e3	2.125e3	0.74	NO	1.8875	1.8875
13	Total Tetra-Furans	24.10	8.148e3	1.149e4	0.71	NO	1.928	7.918
14	Total Tetra-Furans	24.10	1.192e4	1.577e4	0.77	NO	12.871	13.951



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

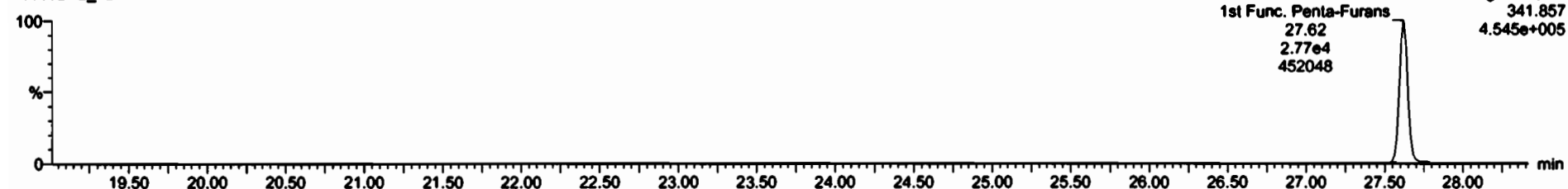
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

1st Func. Penta-Furans

200602R2_12

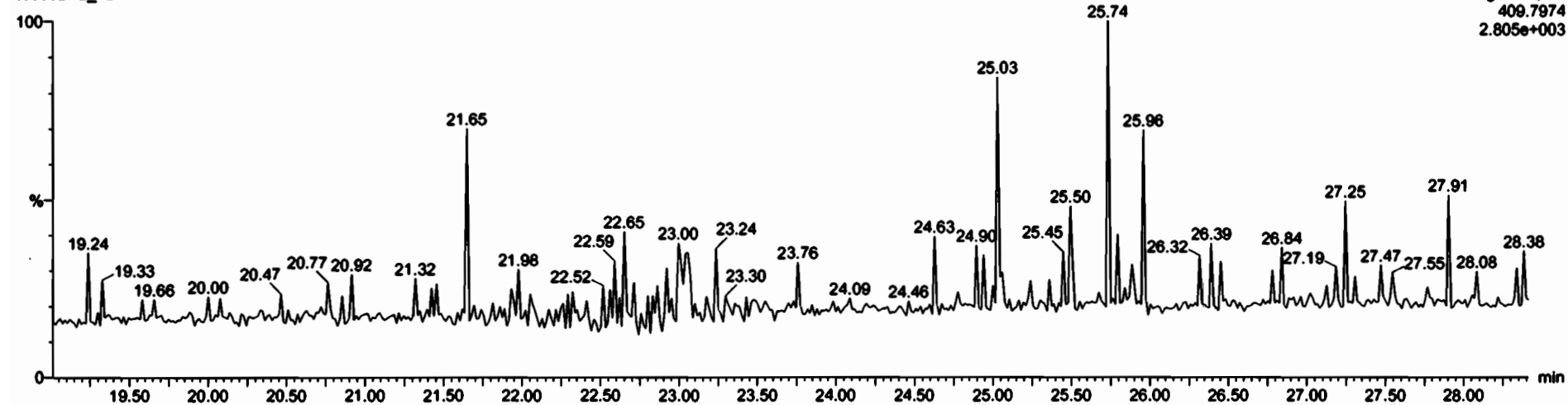


200602R2_12



DPE6

200602R2_12



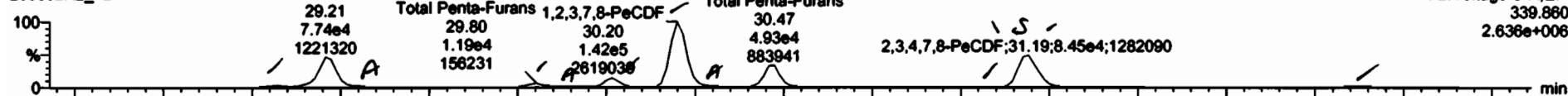
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

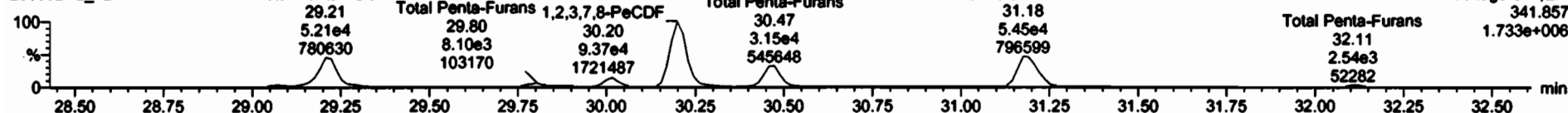
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

1,2,3,7,8-PeCDF

200602R2_12

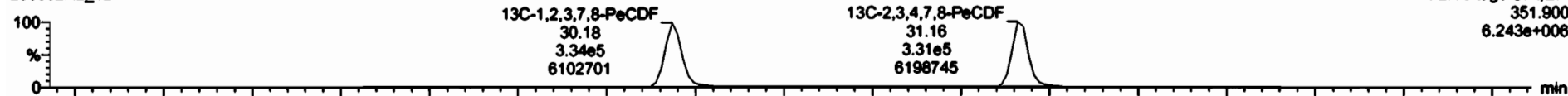


200602R2_12

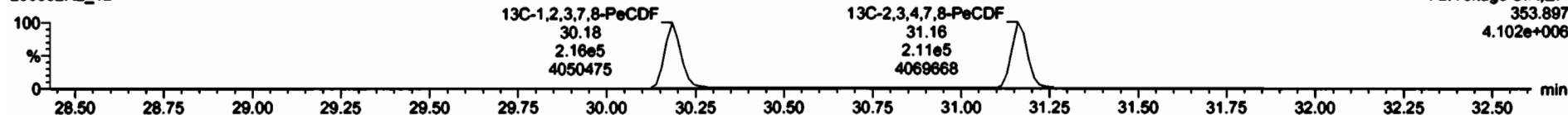


13C-1,2,3,7,8-PeCDF

200602R2_12

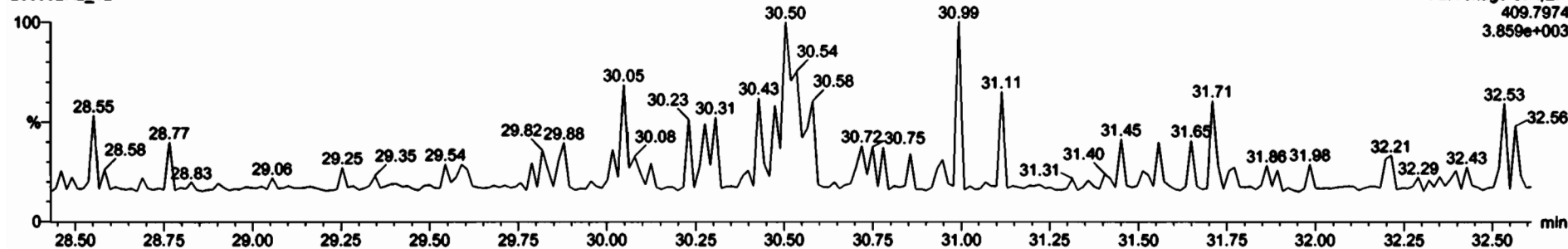


200602R2_12



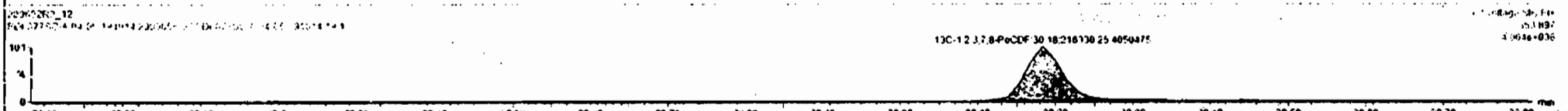
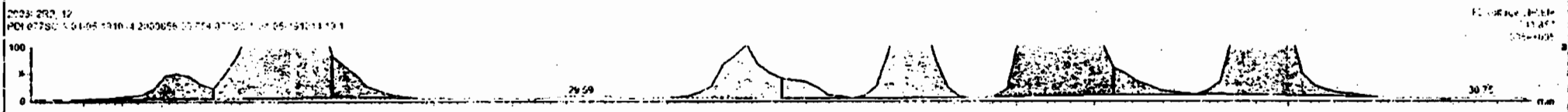
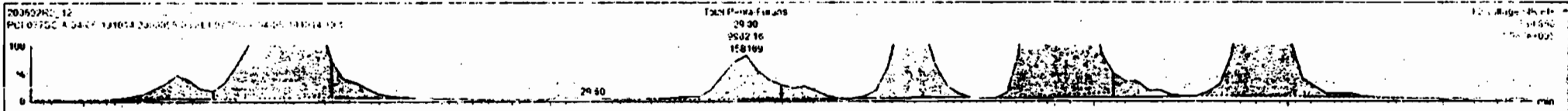
DPE2

200602R2_12



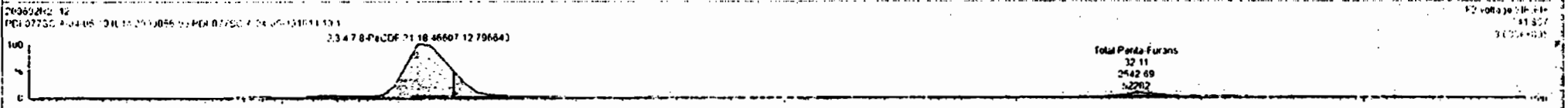
Sample	Temp	PA	dry	WSP	WSP	RT	BRT	Comp	WSPC	Q	Flow
64	100.0	10.010	0.6925	10.010						0.0010	5.6
65	100.0	10.010	0.6925	10.010						0.0010	5.6

Sample	RT	WSP	WSP	PA	dry	WSPC	Comp
1	26.67	4.511e2	7.77e3	1.7e	1.0	353e	3.15e7
2	29.21	4.11e2	4.87e4	1.5e	NO	5e.37e	5e.37e
3	29.77	7.90e2	2.24e2	1.27	NO	2.762e	7.63e
4	30.22	9.82e2	6.55e3	1.2	NO	6.199e	6.0000e
5	30.25	1.22e2	91e3	1.2e	NO	1.211e	6.0000e
6	30.87	1.85e2	1.14e4	1.2e	NO	1.261e	1.261e
7	30.25	1.42e2	5.79e4	1.2e	NO	5.471e	5.471e
8	30.78	7.42e2	2.02e3	1.2e	NO	2.237e	2.237e
9	30.47	4.81e2	3.14e4	1.2e	NO	3.278e	3.278e
10	30.56	7.26e2	3.11e2	1.2e	NO	6.22e3	6.0000e
11	31.07	1.267e2	9.1e2	1.2e	NO	8.84e3	8.84e3
12	31.16	8.41e2	7.45e4	1.2e	NO	5.484e	5.484e
13	31.43	7.25e2	7.7e3	1.2e	NO	2.271e	6.0000e
14	31.12	4.15e2	2.54e3	1.2e	NO	2.745e	2.745e
15	32.23	1.467e2	9.95e2	1.2e	NO	8.6277e	8.6000e



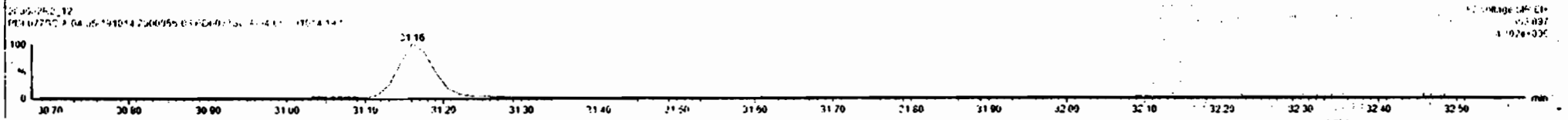
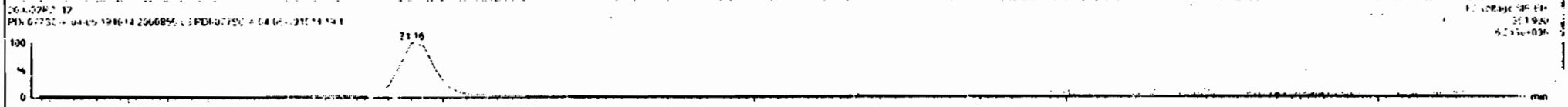
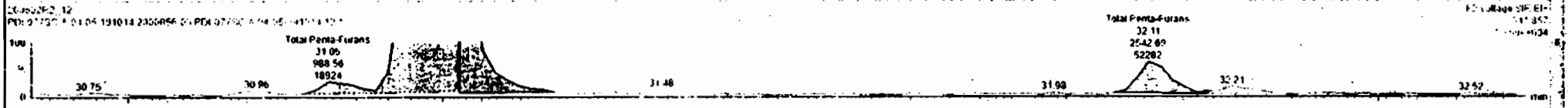
Name	Resp	RA	Qty	REF	Wt/WT	RT	RR?	Conc	%Rec	PL	EMPC
1st Func. Penta Furans				0.8471	10.812					0.0010	0.0
2nd Func. Penta Furans				0.8580	10.812					0.0010	0.0

Name	RT	off Resp	PE Range	RA	Qty	Wt/WT	Conc
1 Total Penta-Furans	28.07	4.215e-3	2.777e3	1.50	NO	3.358e	0.325e
2 Total Penta-Furans	29.21	7.815e-4	4.772e4	1.52	NO	50.22e	50.27e
3 Total Penta-Furans	29.27	3.927e-2	1.849e3	1.57	NO	2.78e-	2.7593
4 Total Penta-Furans	29.30	6.961e-3	2.541e3	1.52	NO	6.16e-	6.0900
5 Total Penta-Furans	29.55	2.472e-2	1.791e3	1.56	NO	1.721e	1.6900
6 Total Penta-Furans	30.82	1.260e-4	6.191e-	1.57	NO	12.621	12.551
7 2,3,7,8-PeCDF	30.50	1.477e-3	2.260e4	1.51	NO	95.421	95.471
8 Total Penta-Furans	30.26	3.427e-3	2.022e3	1.49	NO	23.79	2.171
9 Total Penta-Furans	30.77	6.817e-4	2.747e4	1.54	NO	2.75e-	2e.36
10 Total Penta-Furans	31.07	1.615e-3	5.286e2	1.62	NO	1.4021	1.3871
11 2,3,6,7,8-PeCDF	31.19	2.29e-4	4.951e4	1.48	LO	47.809	47.589
12 Total Penta-Furans	31.22	1.270e-4	5.721e-	1.51	NO	7.4e15	7.421e
13 Total Penta-Furans	31.32	2.817e-3	2.487e3	1.53	NO	1.711	1.701



Name	Resp	RA	aly	RRP	RRP1	RT	RRT	Comp	SRoc	OL	EMPC
1st Func Penta-Furans				0.8521	10.010			76.0		0.0110	2.0
Total Penta-Furans				0.8885	10.010					0.0110	2.0

Name	RT	ori Resp	int Resp	RA	aly	EMPC	Comp
1 Total Penta-Furans	29.07	4.515e3	3.277e3	1.50	NO	1.359e	3.356e
2 Total Penta-Furans	29.21	7.415e4	4.875e4	1.50	NO	5.037e	5.037e
3 Total Penta-Furans	29.27	3.907e1	2.349e3	1.32	NO	2.754e1	2.763e
4 Total Penta-Furans	29.50	5.562e2	6.554e3	1.42	NO	6.789e	0.0000e
5 Total Penta-Furans	29.51	2.425e2	1.791e3	1.36	NO	1.733e	0.0000e
6 Total Penta-Furans	30.02	1.250e4	1.107e4	1.50	NO	12.221	12.621
7 1,2,3,4,7,8-PeCDF	30.20	1.478e1	9.290e4	1.52	NO	95.423	95.423
8 Total Penta-Furans	30.20	3.425e2	2.632e3	1.49	NO	2.237e	2.217e
9 Total Penta-Furans	30.47	4.821e4	3.145e4	1.54	NO	32.788	32.798
10 Total Penta-Furans	31.07	1.815e3	9.806e2	1.62	NO	1.087e	1.307e
11 2,3,4,7,8-PeCDF	31.19	7.268e4	4.361e4	1.56	NO	47.005	47.009
12 Total Penta-Furans	31.22	1.242e4	8.121e3	1.53	NO	8.421e	8.421e
13 Total Penta-Furans	31.42	4.145e3	1.643e3	1.67	NO	2.715e	2.715e

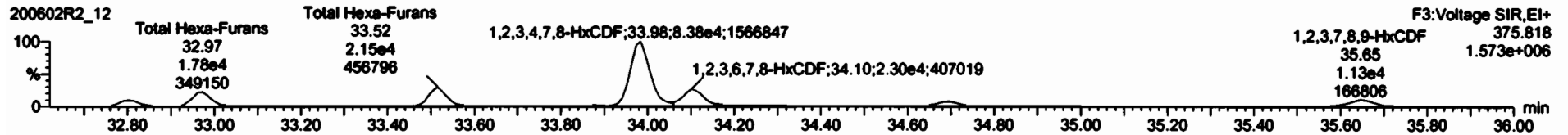
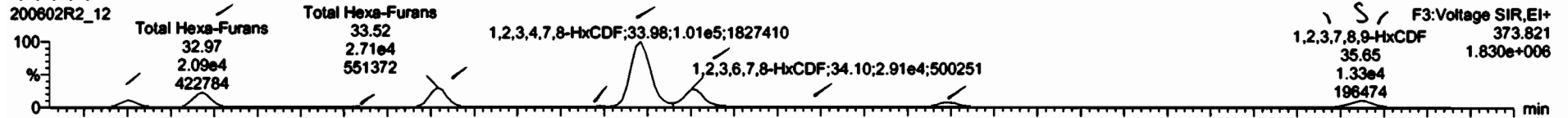


Dataset: Untitled

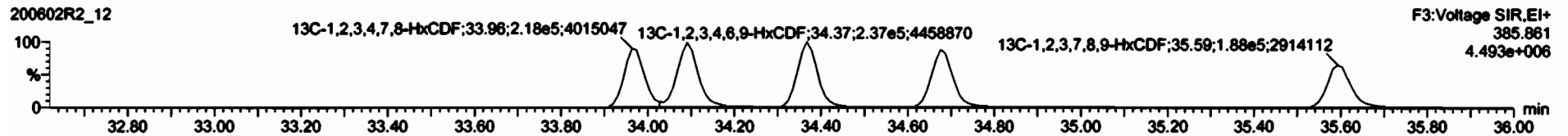
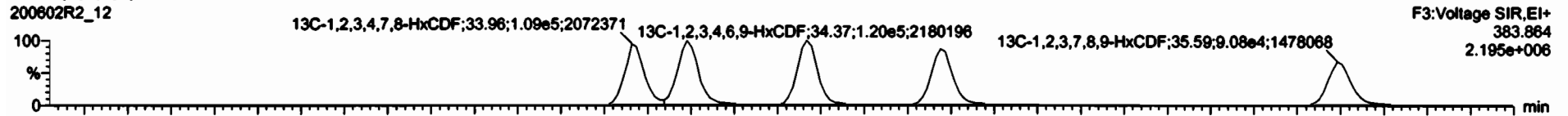
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

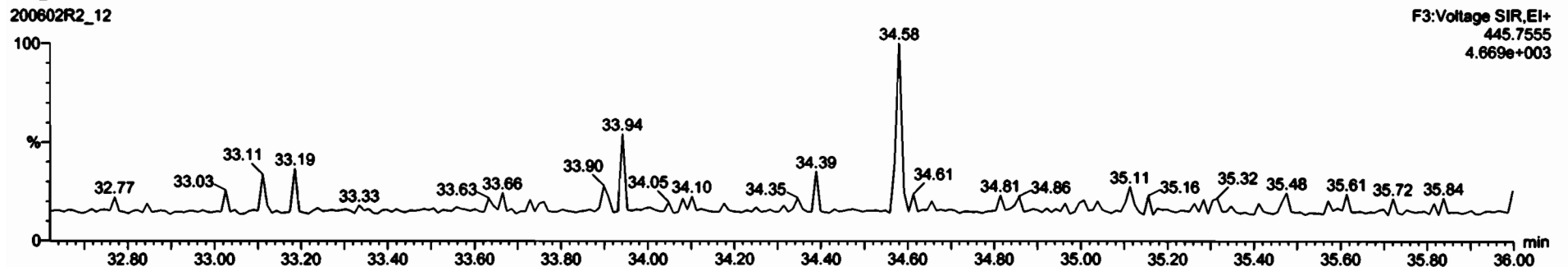
1,2,3,4,7,8-HxCDF



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



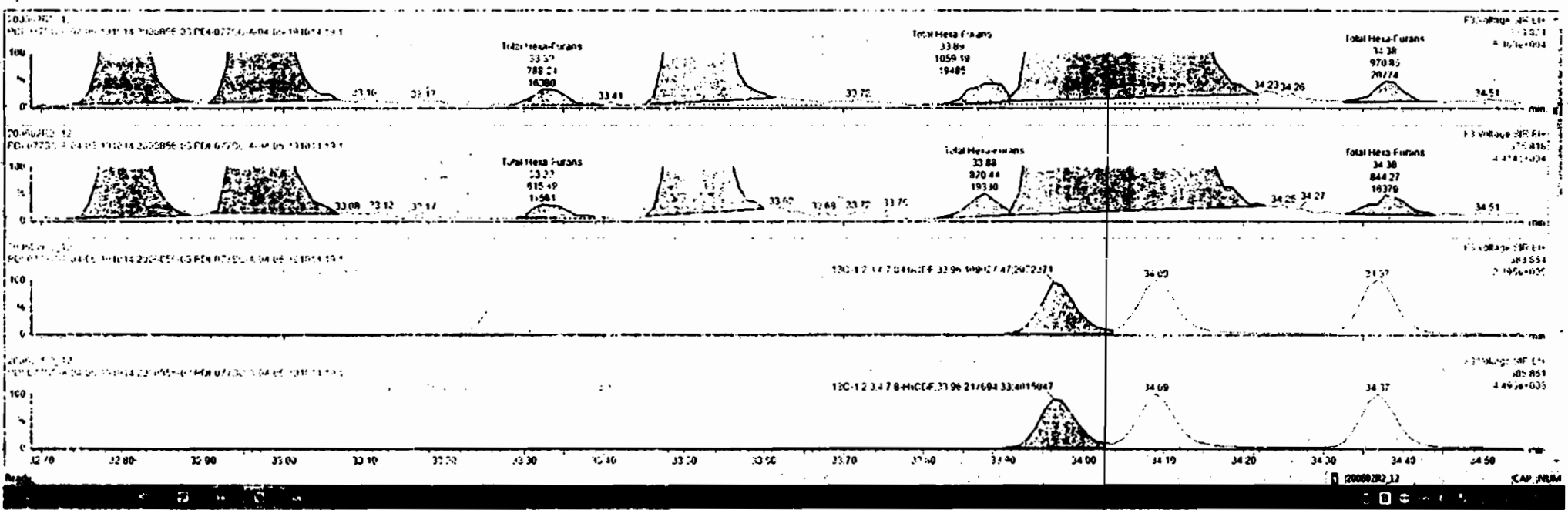
DPE3





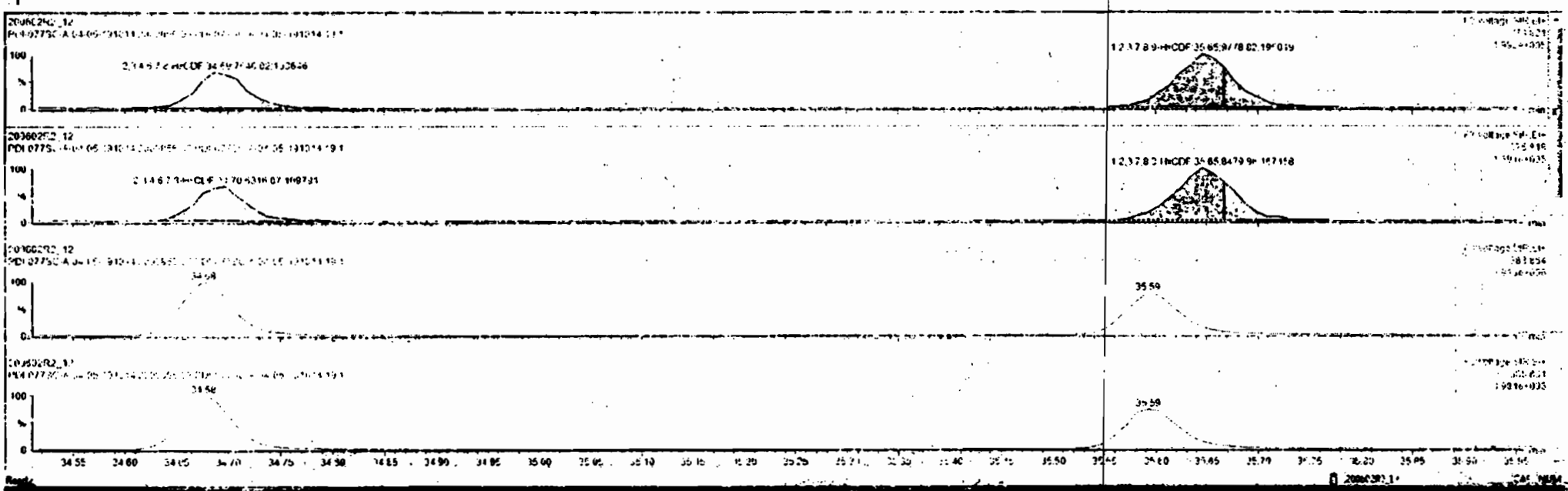
#	Name	Perp	RA	PY	QSP	WSP	PT	RT	Conc	Unit	Q	EMPC
44	Total Hexa Furans				0.0121	12.510			0.0110			99.1
45	Total Hexa Furans				0.0121	12.510			0.0110			99.1

#	Name	Perp	RA	PY	QSP	WSP	PT	RT	Conc	Unit	Q	EMPC
1	Total Hexa Furans	32.30	9.72e-3	0.0121	1.12	NC	11.281	11.281	11.281			
2	Total Hexa Furans	32.97	2.050e-4	1.779e-4	1.17	NC	21.729	21.729	21.729			
3	Total Hexa Furans	32.21	7.007e-2	6.157e-2	1.27	NC	0.910e6	0.910e6	0.910e6			
4	Total Hexa Furans	32.52	2.40e-4	1.153e-4	1.27	NC	21.729	21.729	21.729			
5	Total Hexa Furans	32.24	1.259e-1	8.204e-2	1.22	NC	1.774	1.774	1.774			
6	1,2,3,4,7,8-HxCDF	33.08	1.007e-5	8.373e-4	1.20	NC	11.281	11.281	11.281			
7	1,2,3,4,7,8-HxCDF	34.10	2.791e-4	2.790e-4	1.21	NC	12.305	12.305	12.305			
8	1,2,3,4,7,8-HxCDF	34.20	9.70e-2	1.443e-1	1.17	NC	1.191	1.191	1.191			
9	1,2,3,4,6,7,8-HxCDF	34.09	7.00e-1	6.317e-1	1.21	NC	2.01e	5.912e	5.912e			
10	1,2,3,4,6,7,8-HxCDF	34.05	1.134e-1	1.134e-1	1.16	NC	20.341	20.342	20.342			



Unit	Resp	PA	AJ	MSF	WSPM	RT	BRT	Code	WSPM	PA	AJ	MSF
42	158 Func Pump Furors			7.022	10.010							
48	13011 Pulp Fin. S			6.975	10.010			250				

Item	PI	m2 Pass	KA	avg	BP/PC	Cont
1	31.25	2.044	2.016	1.15	NO	11.245
2	25.57	2.380	1.773	1.17	NO	27.249
3	12.51	2.244	1.587	1.10	NO	0.0116E
4	11.12	2.626	2.144	1.22	NO	31.258
5	11.09	2.021	2.242	1.19	NO	1.0274
6	11.96	2.791	2.790	1.20	NO	127.73
7	12.51	2.244	1.587	1.10	NO	30.903
8	11.09	2.021	2.242	1.19	NO	1.0274
9	11.96	2.791	2.790	1.20	NO	127.73
10	12.51	2.244	1.587	1.10	NO	30.903
11	11.09	2.021	2.242	1.19	NO	1.0274
12	11.96	2.791	2.790	1.20	NO	127.73
13	12.51	2.244	1.587	1.10	NO	30.903
14	11.09	2.021	2.242	1.19	NO	1.0274
15	11.96	2.791	2.790	1.20	NO	127.73
16	12.51	2.244	1.587	1.10	NO	30.903
17	11.09	2.021	2.242	1.19	NO	1.0274
18	11.96	2.791	2.790	1.20	NO	127.73
19	12.51	2.244	1.587	1.10	NO	30.903
20	11.09	2.021	2.242	1.19	NO	1.0274
21	11.96	2.791	2.790	1.20	NO	127.73
22	12.51	2.244	1.587	1.10	NO	30.903
23	11.09	2.021	2.242	1.19	NO	1.0274
24	11.96	2.791	2.790	1.20	NO	127.73



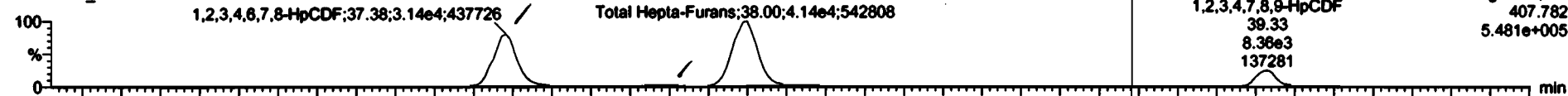
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

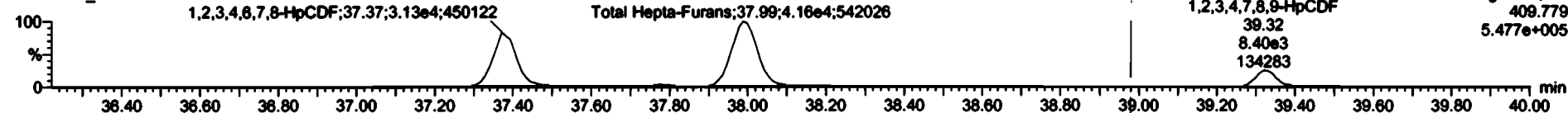
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

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

200602R2_12



200602R2_12

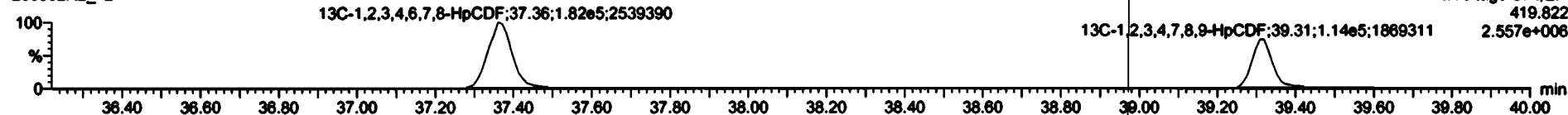


13C-1,2,3,4,6,7,8-HpCDF

200602R2_12

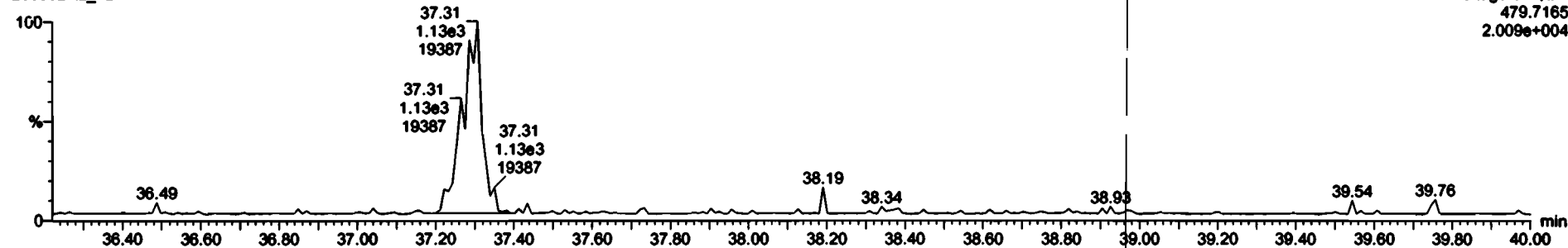


200602R2_12



DPE4

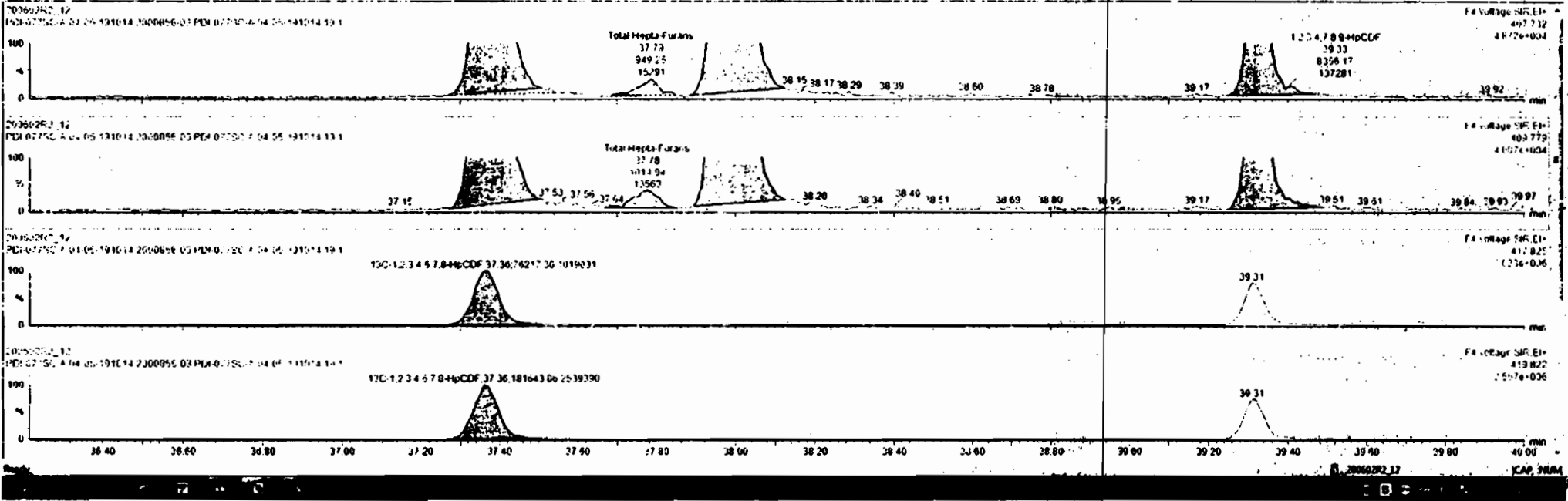
200602R2_12





#	Name	Resp	RA	Qty	RF	Wt	RT	RET	Conc	WAcc	%	EMPC
47	Total Hepta-Furans				0.0794	10.000						100
48	PFK1											

#	Name	RT	Alt Name	Alt Resp	Qty	RF	Conc
1	1,2,3,4,5,6,7,8-HpCDF	37.78	1.07E+4	3.12E+4	0.52	NO	11.000
2	Total Hepta-Furans	37.79	9.48E+2	1.01E+1	0.94	NO	2.1322
3	Total Hepta-Furans	38.00	4.14E+4	4.15E+4	1.00	NO	30.004
4	1,2,3,4,6,8-HpCDF	39.31	6.35E+3	6.75E+3	0.92	NA	33.272



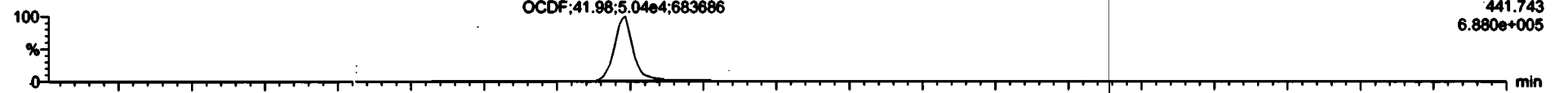
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

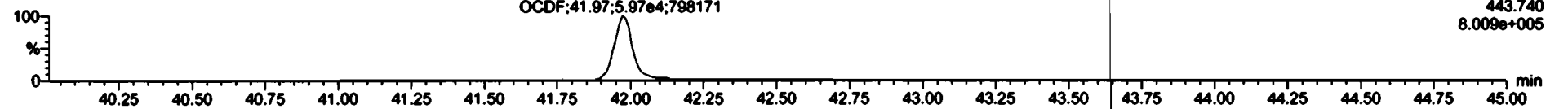
Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

OCDF

200602R2_12

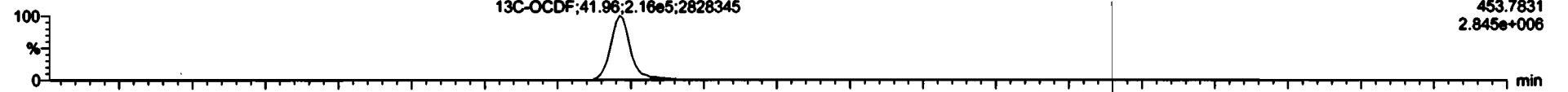


200602R2_12

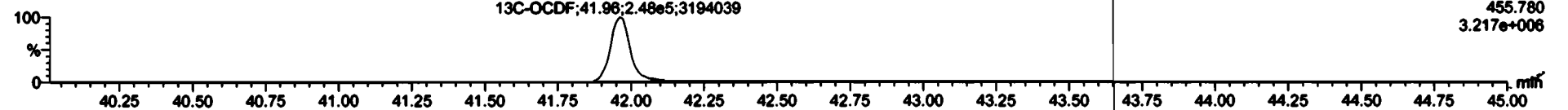


13C-OCDF

200602R2_12

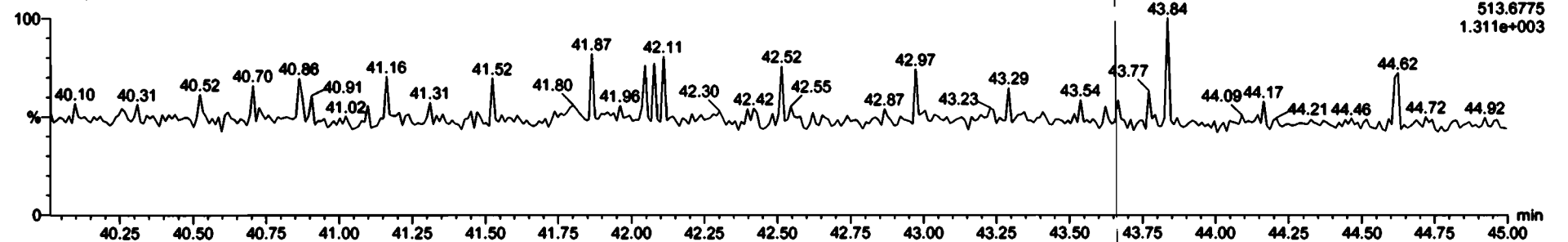


200602R2_12



DPE5

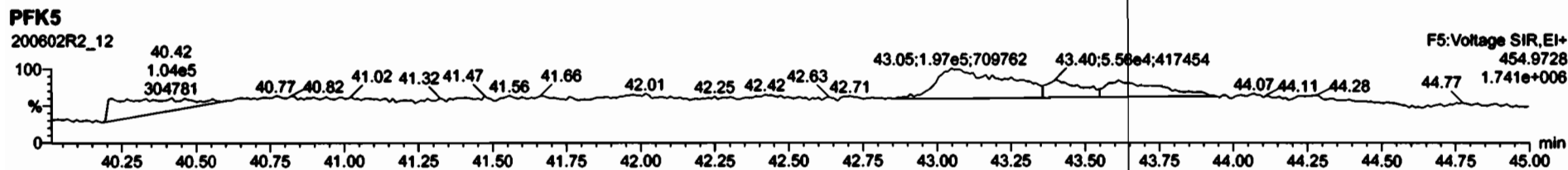
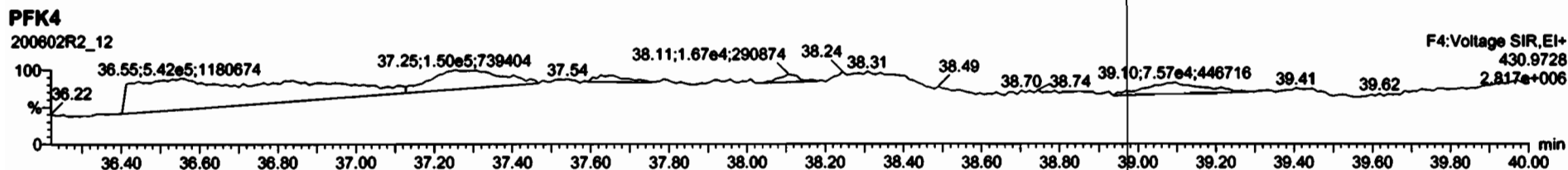
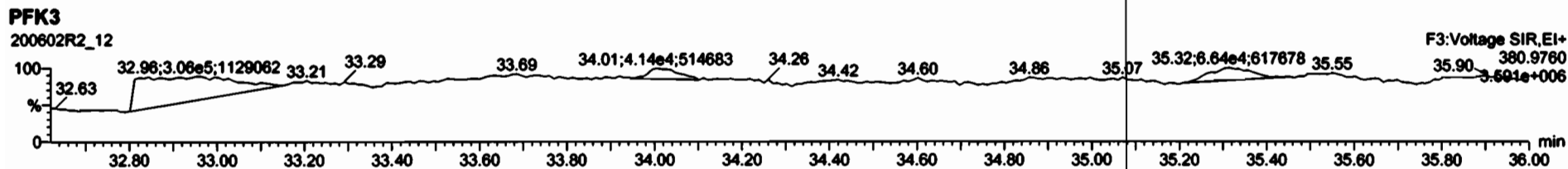
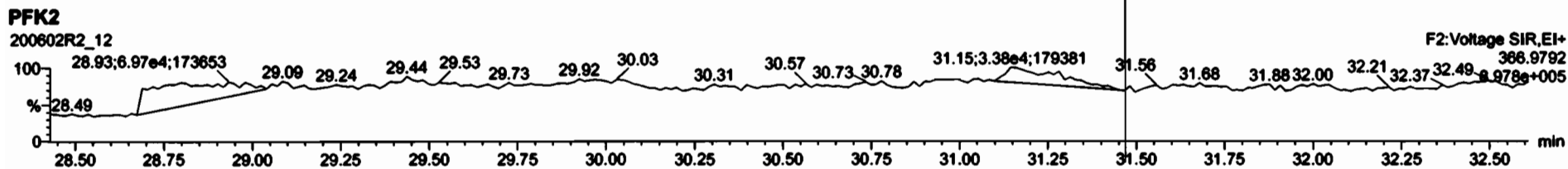
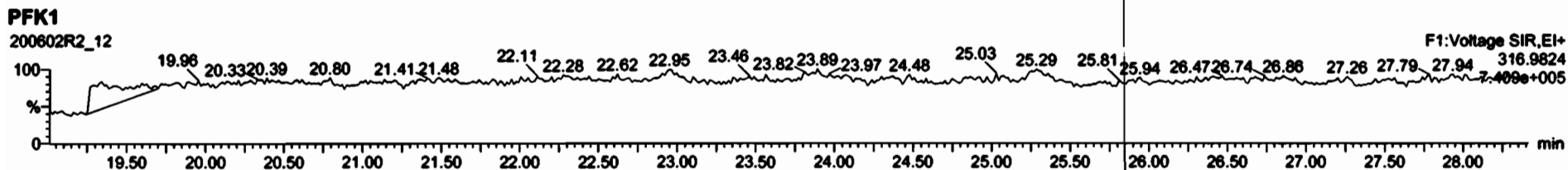
200602R2_12



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_12, Date: 02-Jun-2020, Time: 23:49:14, ID: 2000856-03 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

GRB 06/03/2020

CT06/04/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

1	2,3,7,8-TCDD	1.08e3	0.59	YES	0.888	10.063	26.531	26.53	1.001	1.001	0.42815	0.164	0.364
2	1,2,3,7,8-PeCDD	5.66e2	0.68	NO	0.908	10.063	31.473	31.47	1.001	1.000	0.28868	0.108	0.284
3	1,2,3,4,7,8-HxCDD			NO	1.03	10.063	34.846		1.000			0.216	
4	1,2,3,6,7,8-HxCDD	2.38e3	1.35	NO	0.892	10.063	34.943	34.95	1.000	1.000	1.5453	0.219	1.55
5	1,2,3,7,8,9-HxCDD	8.47e2	1.16	NO	0.887	10.063	35.230	35.23	1.000	1.000	0.63540	0.249	0.635
6	1,2,3,4,6,7,8-HpCDD	9.23e4	1.01	NO	0.864	10.063	38.767	38.78	1.000	1.001	96.482	0.878	96.5
7	OCDD	9.99e5	0.87	NO	0.914	10.063	41.748	41.78	1.000	1.000	1075.3	1.16	1080
8	2,3,7,8-TCDF	4.89e4	0.71	NO	0.751	10.063	25.641	25.63	1.001	1.001	20.294 (12.7)	0.188	20.3
9	1,2,3,7,8-PeCDF	8.51e4	1.60	NO	0.893	10.063	30.190	30.18	1.001	1.001	31.839	0.374	31.9
10	2,3,4,7,8-PeCDF	3.25e4	1.61	NO	0.935	10.063	31.176	31.18	1.001	1.001	11.673	0.346	11.7
11	1,2,3,4,7,8-HxCDF	8.70e4	1.20	NO	0.884	10.063	33.952	33.96	1.000	1.000	59.973	0.417	60.0
12	1,2,3,6,7,8-HxCDF	2.60e4	1.23	NO	0.889	10.063	34.090	34.09	1.000	1.000	15.717	0.397	15.7
13	2,3,4,6,7,8-HxCDF	6.61e3	1.20	NO	0.934	10.063	34.701	34.69	1.001	1.001	4.1805	0.415	4.18
14	1,2,3,7,8,9-HxCDF	5.68e3	1.10	NO	0.871	10.063	35.582	35.62	1.000	1.001	4.5829	0.612	4.58
15	1,2,3,4,6,7,8-HpCDF	5.94e4	0.99	NO	0.873	10.063	37.386	37.37	1.001	1.001	54.229	0.479	54.2
16	1,2,3,4,7,8,9-HpCDF	6.54e3	0.98	NO	1.01	10.063	39.309	39.32	1.000	1.000	8.0885	0.601	8.10
17	OCDF	8.54e5	0.86	NO	0.806	10.063	41.940	41.95	1.000	1.000	964.62	0.923	965
18	13C-2,3,7,8-TCDD	5.68e5	0.78	NO	1.16	10.063	26.538	26.50	1.026	1.025	174.95	88.0	0.257
19	13C-1,2,3,7,8-PeCDD	4.37e5	0.62	NO	0.849	10.063	31.729	31.45	1.227	1.216	182.99	92.1	0.564
20	13C-1,2,3,4,7,8-HxCDD	2.65e5	1.28	NO	0.779	10.063	34.841	34.84	1.014	1.014	184.42	92.8	0.596
21	13C-1,2,3,6,7,8-HxCDD	3.44e5	1.24	NO	1.02	10.063	34.955	34.94	1.017	1.017	183.14	92.1	0.457
22	13C-1,2,3,7,8,9-HxCDD	2.99e5	1.23	NO	0.903	10.063	35.226	35.22	1.025	1.025	179.21	90.2	0.515
23	13C-1,2,3,4,6,7,8-HpCDD	2.20e5	1.01	NO	0.689	10.063	38.751	38.78	1.128	1.128	172.99	87.0	0.698
24	13C-OCDD	4.04e5	0.90	NO	0.652	10.063	41.775	41.75	1.216	1.215	335.96	84.5	0.593
25	13C-2,3,7,8-TCDF	6.38e5	0.77	NO	1.06	10.063	25.578	25.61	0.989	0.991	161.67	81.3	0.416
26	13C-1,2,3,7,8-PeCDF	5.93e5	1.56	NO	0.838	10.063	30.111	30.17	1.165	1.167	189.95	95.6	0.725
27	13C-2,3,4,7,8-PeCDF	5.92e5	1.57	NO	0.817	10.063	31.065	31.15	1.202	1.205	194.62	97.9	0.744
28	13C-1,2,3,4,7,8-HxCDF	3.26e5	0.49	NO	1.01	10.063	33.972	33.95	0.989	0.988	175.38	86.2	0.728
29	13C-1,2,3,6,7,8-HxCDF	3.69e5	0.51	NO	1.17	10.063	34.096	34.08	0.992	0.992	171.54	86.3	0.629
30	13C-2,3,4,6,7,8-HxCDF	3.37e5	0.50	NO	1.02	10.063	34.670	34.67	1.009	1.009	178.48	89.8	0.718
31	13C-1,2,3,7,8,9-HxCDF	2.83e5	0.51	NO	0.860	10.063	35.570	35.58	1.035	1.036	178.43	89.8	0.854

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.49e5	0.41	NO	0.774	10.063	37.319	37.35	1.086	1.087	174.39	87.7	0.527	
33	13C-1,2,3,4,7,8,9-HpCDF	1.58e5	0.42	NO	0.521	10.063	39.349	39.31	1.145	1.144	164.83	82.9	0.783	
34	13C-OCDF	4.36e5	0.86	NO	0.746	10.063	41.946	41.94	1.221	1.221	316.92	79.7	0.481	
35	37Cl-2,3,7,8-TCDD	1.96e5			1.04	10.063	26.569	26.53	1.028	1.028	67.193	84.5	0.0732	
36	13C-1,2,3,4-TCDD	5.58e5	0.78	NO	1.00	10.063	25.890	25.85	1.000	1.000	198.75	100	0.298	
37	13C-1,2,3,4-TCDF	7.41e5	0.76	NO	1.00	10.063	24.360	24.18	1.000	1.000	198.75	100	0.441	
38	13C-1,2,3,4,6,9-HxCDF	3.67e5	0.51	NO	1.00	10.063	34.420	34.36	1.000	1.000	198.75	100	0.734	
39	Total Tetra-Dioxins				0.888	10.063	24.620		0.000		0.82512		0.104	1.19
40	Total Penta-Dioxins				0.908	10.063	29.960		0.000		1.5852		0.108	1.97
41	Total Hexa-Dioxins				0.892	10.063	33.635		0.000		19.082		0.237	19.1
42	Total Hepta-Dioxins				0.864	10.063	37.640		0.000		215.63		0.878	216
43	Total Tetra-Furans				0.751	10.063	23.610		0.000		64.703		0.188	67.1
44	1st Func. Penta-Furans				0.893	10.063	27.580		0.000		6.1695		0.0494	6.17
45	Total Penta-Furans				0.893	10.063	29.275		0.000		64.150		0.368	83.1
46	Total Hexa-Furans				0.934	10.063	33.555		0.000		106.51		0.433	107
47	Total Hepta-Furans				0.873	10.063	37.835		0.000		282.96		0.563	283

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

Tetra-Dioxins

Total Tetra-Dioxins	22.53	8.559e3	1.003e4	6.742e2	8.990e2	0.75	NO	1.573e3	0.61925	0.61925	0.104
Total Tetra-Dioxins	26.26	4.391e3	4.770e3	2.283e2	2.947e2	0.77	NO	5.230e2	0.20588	0.20588	0.104
2,3,7,8-TCDD	26.53	5.764e3	9.458e3	4.020e2	6.806e2	0.59	YES	1.083e3	0.00000	0.36374	0.104

Penta-Dioxins

Total Penta-Dioxins	29.22	7.808e3	1.330e4	5.663e2	9.632e2	0.59	NO	1.530e3	0.76693	0.76693	0.108
Total Penta-Dioxins	29.73	2.894e3	4.865e3	1.350e2	2.089e2	0.65	NO	3.439e2	0.17246	0.17246	0.108
Total Penta-Dioxins	30.23	7.138e3	9.057e3	4.389e2	4.692e2	0.94	YES	0.000e0	0.00000	0.38347	0.108
Total Penta-Dioxins	30.69	4.473e3	4.841e3	2.955e2	4.267e2	0.69	NO	7.222e2	0.36212	0.36212	0.108
1,2,3,7,8-PeCDD	31.47	6.705e3	7.884e3	2.286e2	3.371e2	0.68	NO	5.657e2	0.28368	0.28368	0.108

Hexa-Dioxins

Total Hexa-Dioxins	33.35	1.048e5	8.169e4	5.761e3	4.933e3	1.17	NO	1.069e4	7.8759	7.8759	0.237
Total Hexa-Dioxins	33.90	1.251e4	1.112e4	7.013e2	5.599e2	1.25	NO	1.261e3	0.92883	0.92883	0.237
Total Hexa-Dioxins	34.14	7.838e4	6.415e4	5.367e3	4.364e3	1.23	NO	9.730e3	7.1662	7.1662	0.237
Total Hexa-Dioxins	34.27	7.700e3	8.517e3	4.574e2	4.104e2	1.11	NO	8.678e2	0.63908	0.63908	0.237
1,2,3,6,7,8-HxCDD	34.95	2.330e4	1.700e4	1.371e3	1.013e3	1.35	NO	2.384e3	1.5453	1.5453	0.219
Total Hexa-Dioxins	35.14	6.950e3	3.555e3	2.301e2	1.648e2	1.40	NO	3.949e2	0.29083	0.29083	0.237
1,2,3,7,8,9-HxCDD	35.23	7.366e3	6.825e3	4.540e2	3.925e2	1.16	NO	8.466e2	0.63540	0.63540	0.249

Hepta-Dioxins

Total Hepta-Dioxins	37.76	7.261e5	6.981e5	5.741e4	5.654e4	1.02	NO	1.139e5	119.14	119.14	0.878
1,2,3,4,6,7,8-HpCDD	38.78	6.019e5	6.081e5	4.643e4	4.584e4	1.01	NO	9.227e4	98.482	98.482	0.878

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

Tetra-Furans

Total Tetra-Furans	20.41	3.140e3	3.569e3	2.046e2	2.539e2	0.81	NO	4.585e2	0.19016	0.19016	0.188
Total Tetra-Furans	20.93	8.056e3	8.828e3	4.879e2	6.184e2	0.79	NO	1.106e3	0.45877	0.45877	0.188
Total Tetra-Furans	21.53	9.104e4	1.292e5	8.434e3	1.156e4	0.73	NO	1.999e4	8.2909	8.2909	0.188
Total Tetra-Furans	22.05	3.834e3	9.344e3	4.433e2	6.674e2	0.66	NO	1.111e3	0.46059	0.46059	0.188
Total Tetra-Furans	22.11	7.139e3	1.225e4	5.420e2	6.829e2	0.79	NO	1.225e3	0.50797	0.50797	0.188
Total Tetra-Furans	22.50	4.689e4	6.716e4	4.567e3	6.824e3	0.67	NO	1.139e4	4.7240	4.7240	0.188
Total Tetra-Furans	22.98	1.332e4	2.032e4	1.383e3	2.036e3	0.68	NO	3.419e3	1.4178	1.4178	0.188
Total Tetra-Furans	23.19	2.948e3	4.874e3	2.515e2	3.590e2	0.70	NO	6.105e2	0.25317	0.25317	0.188
Total Tetra-Furans	23.36	9.225e3	1.318e4	8.346e2	1.200e3	0.70	NO	2.035e3	0.84384	0.84384	0.188
Total Tetra-Furans	24.10	1.702e4	2.046e4	1.095e3	1.417e3	0.77	NO	2.512e3	1.0418	1.0418	0.188
Total Tetra-Furans	24.19	4.691e4	5.376e4	4.496e3	5.581e3	0.81	NO	1.006e4	4.1707	4.1707	0.188
Total Tetra-Furans	24.70	2.223e5	3.022e5	1.770e4	2.455e4	0.72	NO	4.225e4	17.520	17.520	0.188
Total Tetra-Furans	24.99	1.129e4	1.090e4	6.471e2	7.684e2	0.84	NO	1.418e3	0.58703	0.58703	0.188
Total Tetra-Furans	25.15	3.637e3	5.851e3	2.419e2	3.681e2	0.66	NO	6.100e2	0.25297	0.25297	0.188
Total Tetra-Furans	25.53	4.042e4	5.145e4	2.644e3	3.556e3	0.74	NO	6.200e3	2.5711	2.5711	0.188
2,3,7,8-TCDF	25.63	2.864e5	3.971e5	2.037e4	2.857e4	0.71	NO	4.894e4	20.294	20.294	0.188
Total Tetra-Furans	26.00	1.175e4	1.805e4	1.010e3	1.281e3	0.79	NO	2.291e3	0.94991	0.94991	0.188
Total Tetra-Furans	26.27	3.001e3	5.849e3	1.706e2	2.345e2	0.73	NO	4.052e2	0.16802	0.16802	0.188
Total Tetra-Furans	27.62	4.499e4	4.602e4	3.061e3	3.199e3	0.96	YES	0.000e0	0.00000	2.3481	0.188

Penta-Furans function 1

1st Func. Penta-Furans	27.61	1.594e5	1.029e5	9.994e3	6.431e3	1.55	NO	1.643e4	6.1695	6.1695	0.0494
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

Penta-Furans

Total Penta-Furans	29.06	1.291e4	1.595e4	8.148e2	6.327e2	1.29	YES	0.000e0	0.00000	0.50352	0.368
Total Penta-Furans	29.21	3.941e5	2.662e5	2.455e4	1.610e4	1.52	NO	0.000e0	0.00000	15.268	0.368
Total Penta-Furans	29.25	4.622e4	2.411e4	1.295e3	8.700e2	1.49	NO	0.000e0	0.00000	0.81311	0.368
Total Penta-Furans	29.79	4.986e4	3.548e4	2.824e3	2.211e3	1.28	YES	0.000e0	0.00000	1.7450	0.368
Total Penta-Furans	29.83	1.264e4	6.746e3	5.827e2	4.373e2	1.33	NO	1.020e3	0.38315	0.38315	0.368
Total Penta-Furans	30.00	9.433e4	6.254e4	4.885e3	3.547e3	1.38	NO	8.431e3	3.1669	3.1669	0.368
1,2,3,7,8-PeCDF	30.18	1.016e6	6.400e5	5.237e4	3.273e4	1.60	NO	8.510e4	31.939	31.939	0.374
Total Penta-Furans	30.25	6.542e4	3.733e4	1.988e3	1.213e3	1.64	NO	3.201e3	1.2025	1.2025	0.368
Total Penta-Furans	30.46	3.099e5	1.962e5	1.739e4	1.138e4	1.53	NO	2.877e4	10.808	10.808	0.368
2,3,4,7,8-PeCDF	31.18	4.408e5	2.616e5	2.008e4	1.244e4	1.61	NO	3.252e4	11.673	11.673	0.348
Total Penta-Furans	31.19	3.159e5	1.940e5	8.128e3	5.124e3	1.59	NO	1.325e4	4.9774	4.9774	0.368
Total Penta-Furans	32.11	2.416e4	1.643e4	9.486e2	7.664e2	1.24	YES	0.000e0	0.00000	0.58617	0.368

Hexa-Furans

Total Hexa-Furans	32.79	3.365e4	2.851e4	1.782e3	1.384e3	1.29	NO	3.165e3	2.0483	2.0483	0.433
Total Hexa-Furans	32.96	1.351e5	1.257e5	7.352e3	6.325e3	1.16	NO	1.368e4	8.8501	8.8501	0.433
Total Hexa-Furans	33.51	1.509e5	1.198e5	7.589e3	6.321e3	1.20	NO	1.391e4	9.0010	9.0010	0.433
Total Hexa-Furans	33.86	7.757e3	1.021e4	3.679e2	3.370e2	1.09	NO	7.049e2	0.45617	0.45617	0.433
1,2,3,4,7,8-HxCDF	33.96	8.541e5	7.246e5	4.748e4	3.956e4	1.20	NO	8.704e4	59.973	59.973	0.417
1,2,3,6,7,8-HxCDF	34.09	2.379e5	2.006e5	1.435e4	1.163e4	1.23	NO	2.598e4	15.717	15.717	0.397
2,3,4,6,7,8-HxCDF	34.69	5.705e4	4.601e4	3.608e3	3.005e3	1.20	NO	6.613e3	4.1805	4.1805	0.415
1,2,3,7,8,9-HxCDF	35.62	5.881e4	5.147e4	2.981e3	2.702e3	1.10	NO	5.683e3	4.5829	4.5829	0.612
Total Hexa-Furans	35.65	5.171e4	4.090e4	1.413e3	1.217e3	1.16	NO	2.630e3	1.7017	1.7017	0.433

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-11.qld

Last Altered: Wednesday, June 03, 2020 12:55:31 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 12:55:56 PM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.37	3.761e5	3.667e5	2.962e4	2.978e4	0.99	NO	5.940e4	54.229	54.229	0.479
Total Hepta-Furans	37.79	7.729e3	9.911e3	5.925e2	5.981e2	0.99	NO	1.191e3	1.3289	1.3289	0.563
Total Hepta-Furans	37.99	1.192e6	1.177e6	9.737e4	9.912e4	0.98	NO	1.965e5	219.31	219.31	0.563
1,2,3,4,7,8,9-HpCDF	39.32	4.710e4	5.128e4	3.237e3	3.304e3	0.98	NO	6.541e3	8.0985	8.0985	0.601

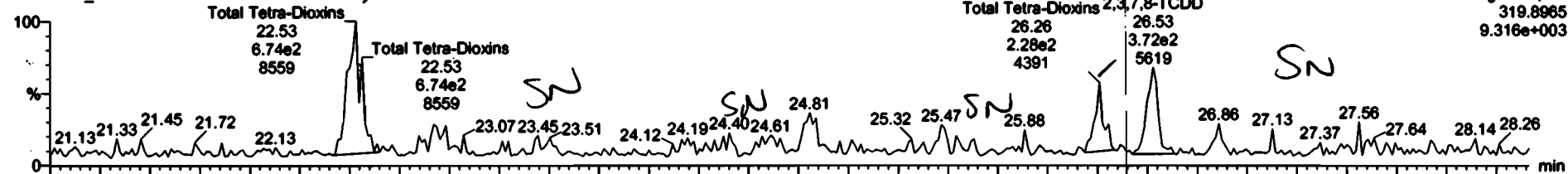
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

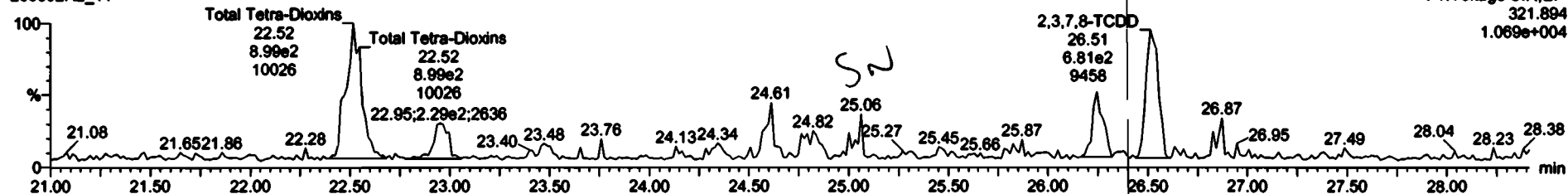
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

2,3,7,8-TCDD

200602R2_11



200602R2_11

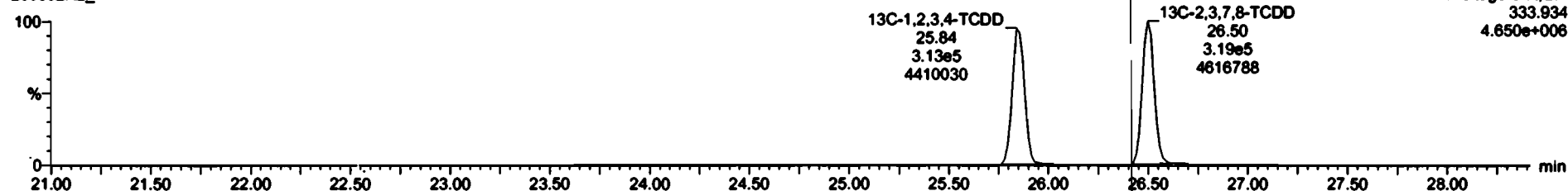


13C-2,3,7,8-TCDD

200602R2_11



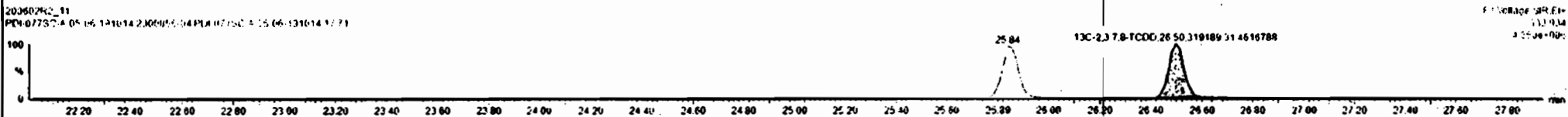
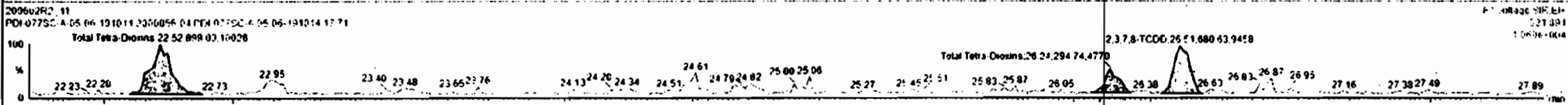
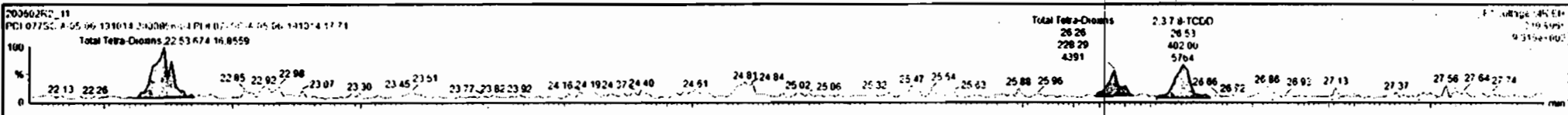
200602R2_11





#	Name	Resp	RA	dy	RRF	RRF	RT	RRT	Conc	%Rec	DL	EMPC
39	Total Tetra-Chlorins				0.0001	10.003			0.104	1.10		
40	Total Penta-Chlorins				0.0001	10.003			0.104	1.10		

#	Name	RT	ret Resp	int Resp	RA	dy	EMPC	Conc.
1	Total Tetra-Chlorins	22.53	6.742e2	6.990e2	0.75	NO	0.61925	0.11925
2	Total Tetra-Chlorins	26.26	2.283e2	2.947e2	0.77	NO	0.20728	0.20588
3	2,3,7,8-TCDD	26.51	4.070e2	6.305e2	0.76	ES	0.34374	0.00000

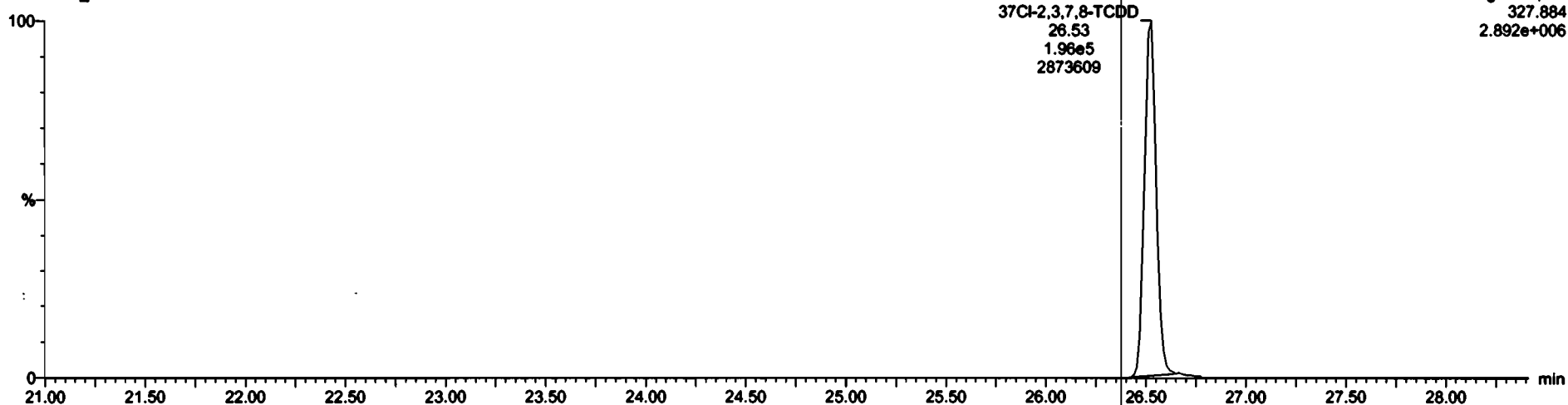


Dataset: Untitled

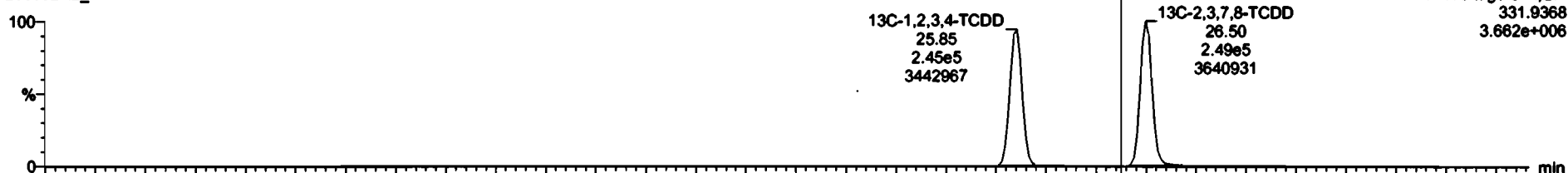
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

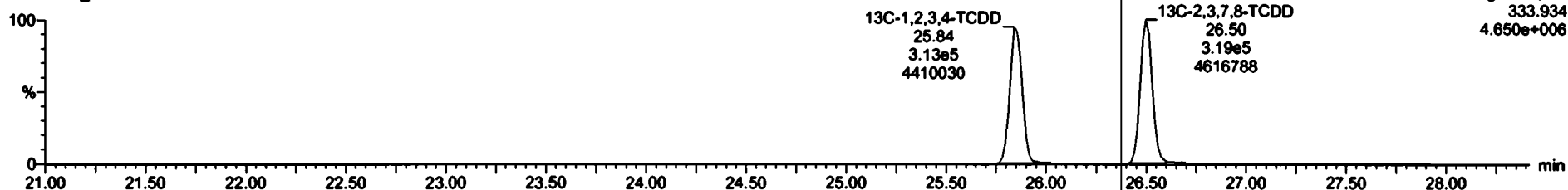
37Cl-2,3,7,8-TCDD
200602R2_11



13C-1,2,3,4-TCDD
200602R2_11



200602R2_11



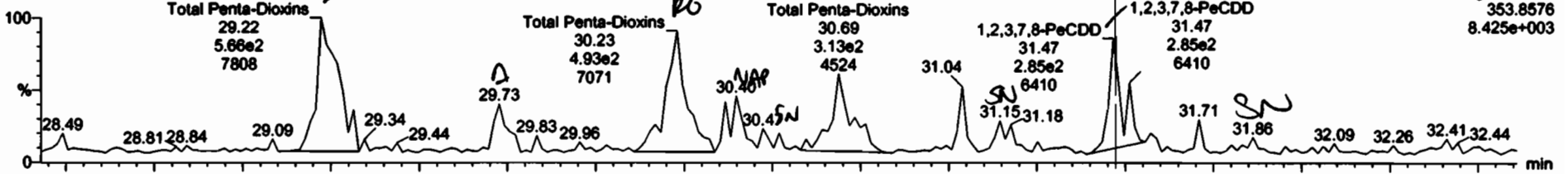
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

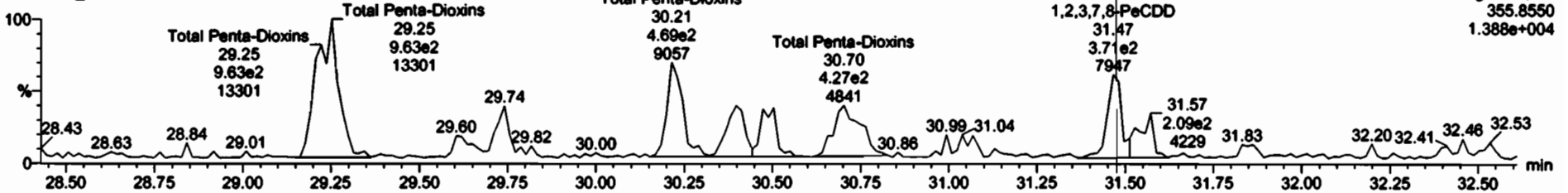
1,2,3,7,8-PeCDD

200602R2_11



F2:Voltage SIR,EI+
353.8576
8.425e+003

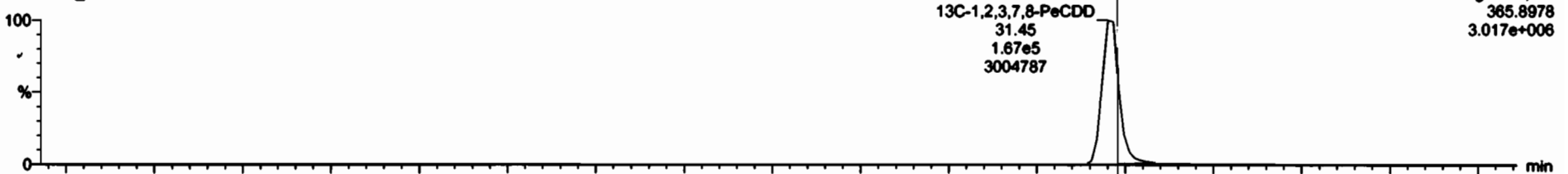
200602R2_11



F2:Voltage SIR,EI+
355.8550
1.388e+004

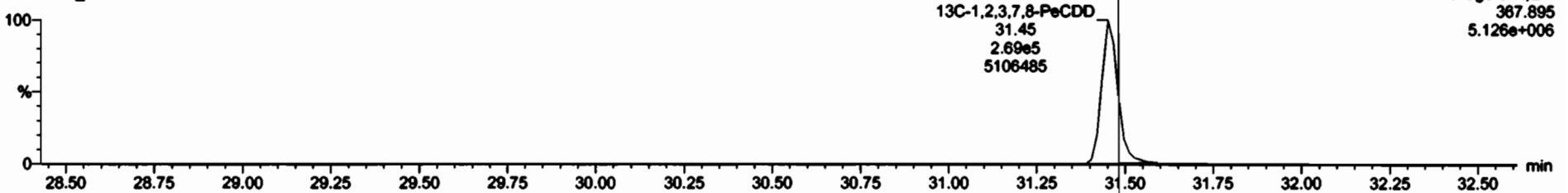
13C-1,2,3,7,8-PeCDD

200602R2_11



F2:Voltage SIR,EI+
365.8978
3.017e+006

200602R2_11

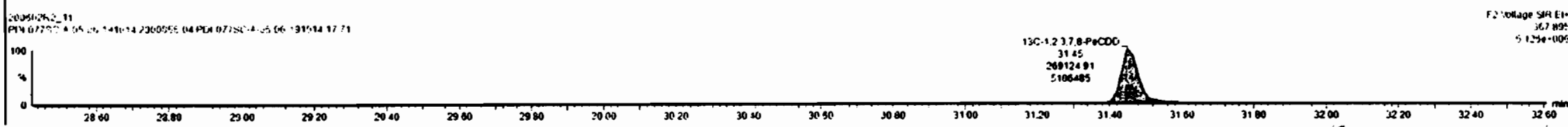
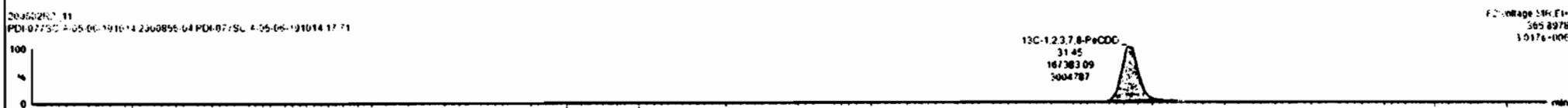
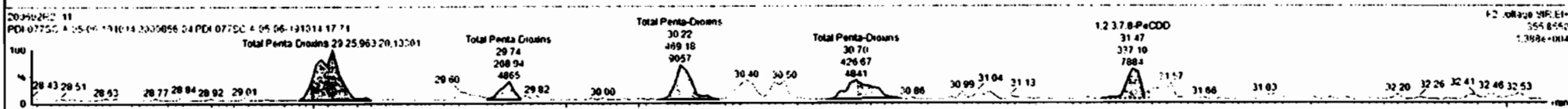
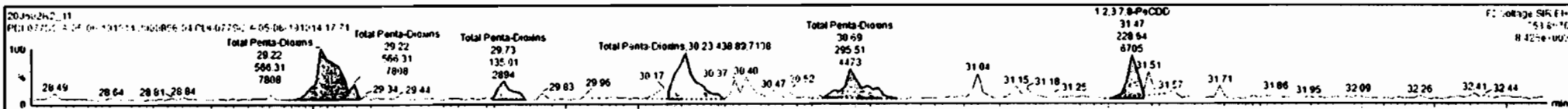


F2:Voltage SIR,EI+
367.895
5.126e+006



#	Name	Resp	RA	dy	RF	upval	RT	RRT	Conc	%Rec	DL	EMPC
39	Total Tetra-Chloro				0.0000	10.063			0.020	0.104	1.15	
40	Total Penta-Chloro				0.0000	10.063			0.020	0.104	0.07	

#	Name	RT	Std Resp	Std Resp	RA	dy	EMPC	Conc
1	Total Penta-Chloro	29.22	5.963e2	9.632e2	0.19	NO	0.79863	0.78690
2	Total Penta-Chloro	29.73	1.350e2	2.089e2	0.05	NO	0.17246	0.17246
3	Total Penta-Chloro	30.22	4.380e2	4.602e2	0.94	YES	0.30247	0.00000
4	Total Penta-Chloro	30.60	2.851e2	4.267e2	0.69	NO	0.30212	0.36112
5	1,2,3,7,8-PeCDD	31.47	2.286e2	3.371e2	0.66	NO	0.28208	0.28208



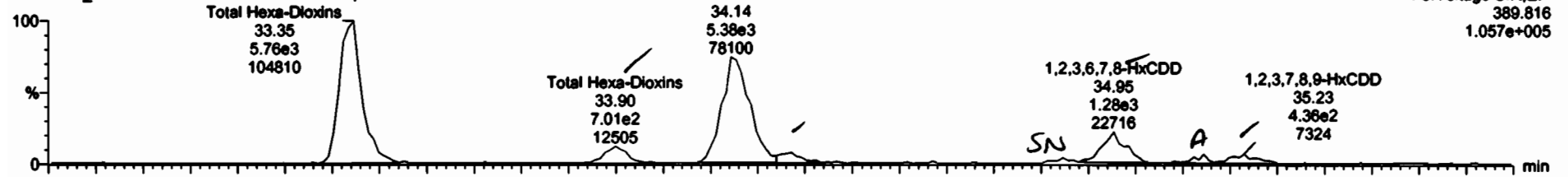
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

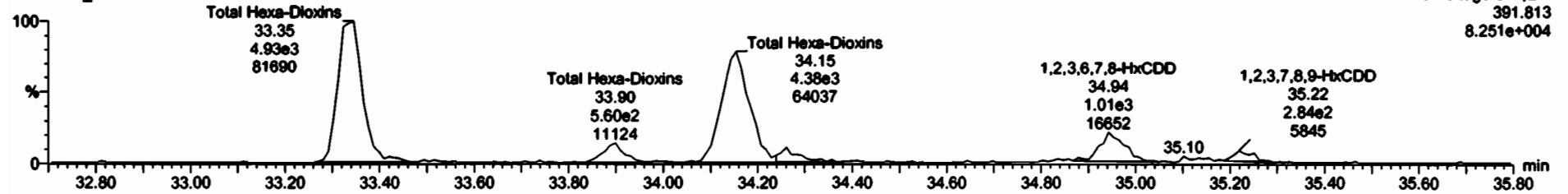
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

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

200602R2_11



200602R2_11

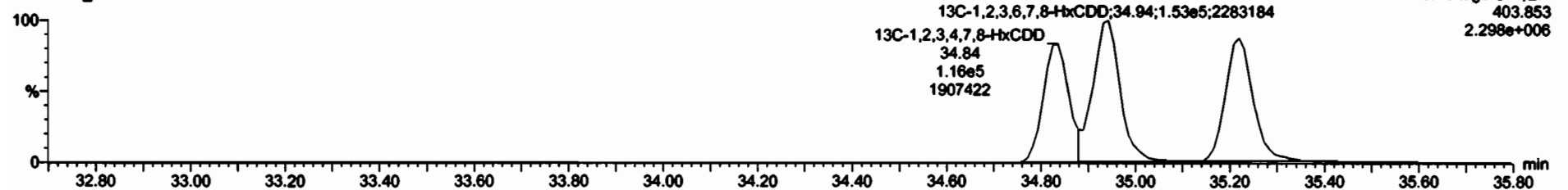


13C-1,2,3,4,7,8-HxCDD

200602R2_11

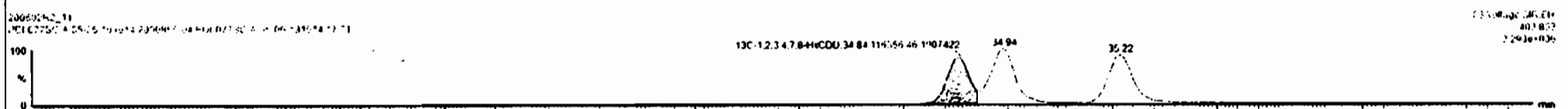
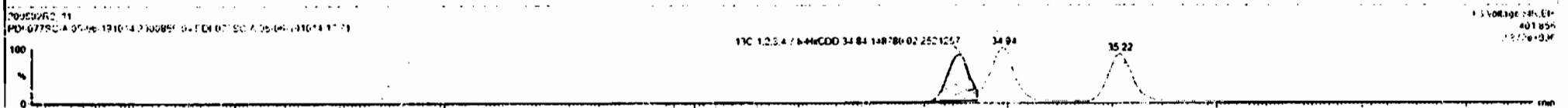
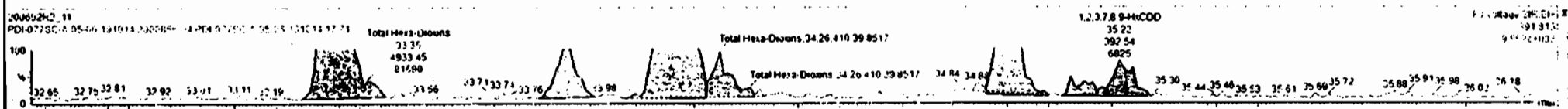
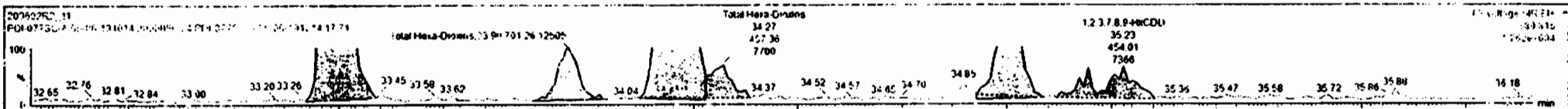


200602R2_11



Stage	Resp	RA	dy	RRP	RRP2	RT	RRT	Comp	TRac	DL	File
Total Hera-Dumps	0.0003	19.063						0.825		0.104	1.29
Total Hera-Dumps	0.0061	19.063						1.19		0.102	1.57

Stage	RA	art Resp	ml Resp	PA	dy	RRP	Comp
Total Hera-Dumps	31.75	5.401e1	4.917e1	1.17	NO	7.8718	7.8719
Total Hera-Dumps	32.76	7.011e2	1.599e2	1.25	NO	0.9202	0.9203
Total Hera-Dumps	34.14	5.367e3	4.761e3	1.23	NO	7.1662	7.1664
Total Hera-Dumps	34.79	4.77e4	4.198e4	1.11	NO	0.9386	0.9388
1.2.3.7.8-HrCDO	34.99	1.371e4	1.215e3	1.35	NO	1.7453	1.7454
Total Hera-Dumps	35.14	3.01e2	1.688e2	1.45	NO	0.2967	0.2968
1.2.3.7.8-HrCDO	35.74	1.40e2	9.25e2	1.16	NO	0.6348	0.6349



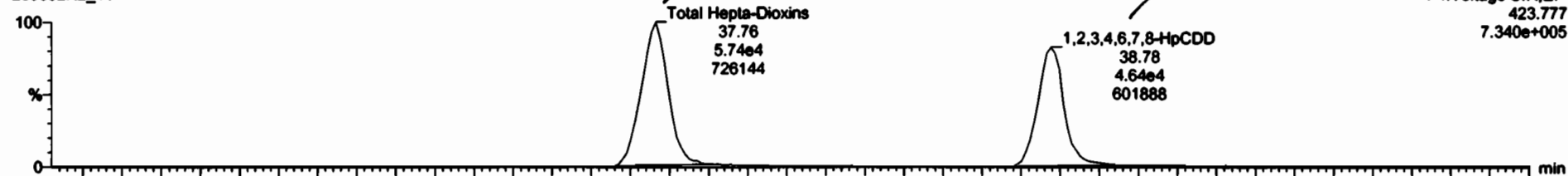
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

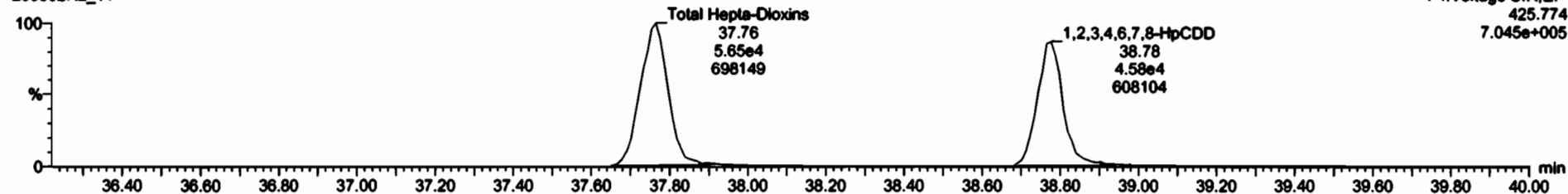
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

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

200602R2_11



200602R2_11

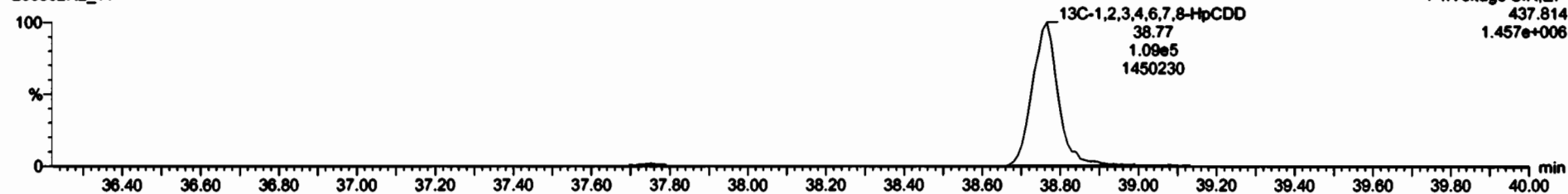


13C-1,2,3,4,6,7,8-HpCDD

200602R2_11



200602R2_11



Dataset: Untitled

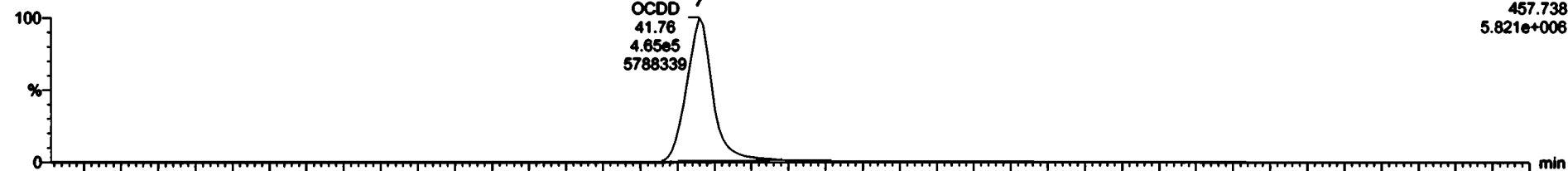
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

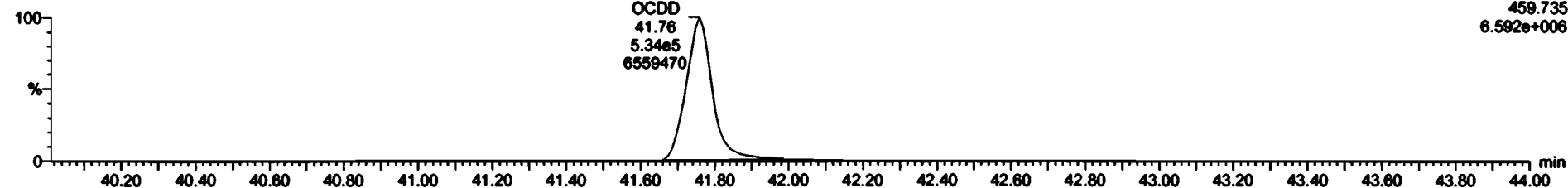
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

OCDD

200602R2_11

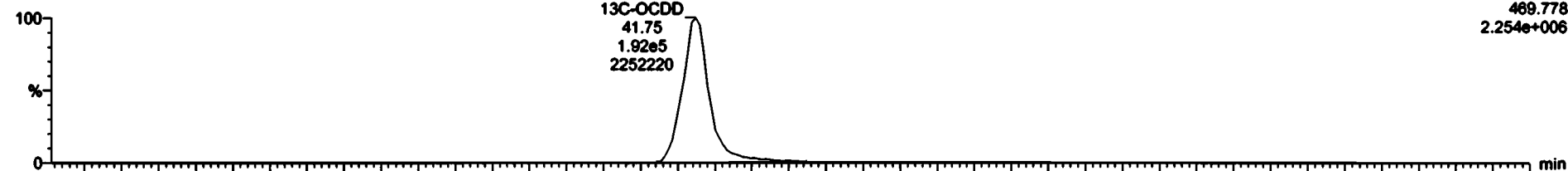


200602R2_11

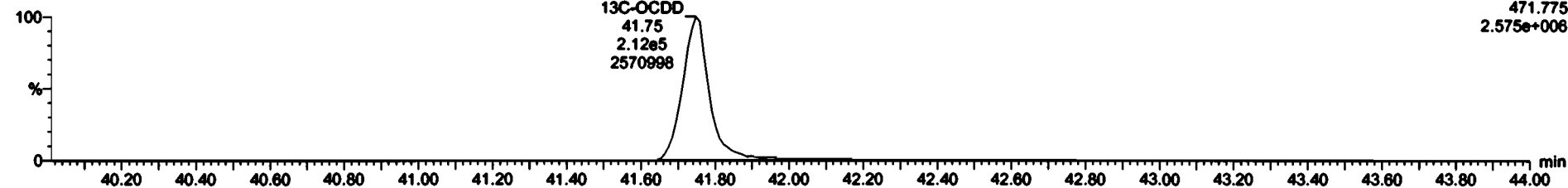


13C-OCDD

200602R2_11



200602R2_11



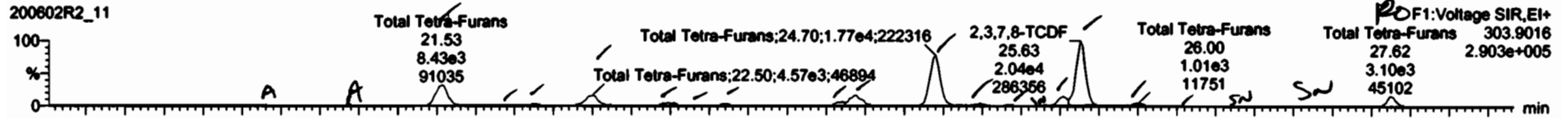
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

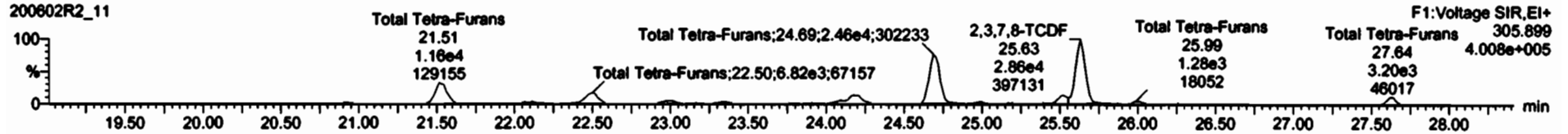
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

2,3,7,8-TCDF

200602R2_11

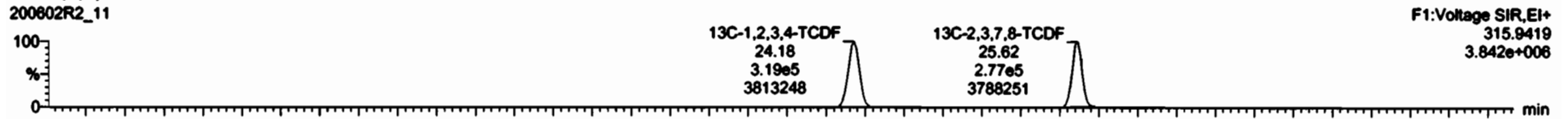


200602R2_11

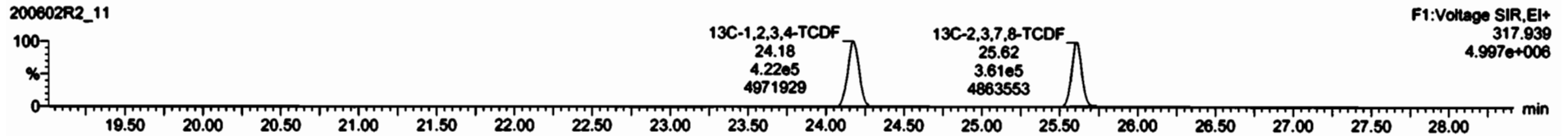


13C-2,3,7,8-TCDF

200602R2_11

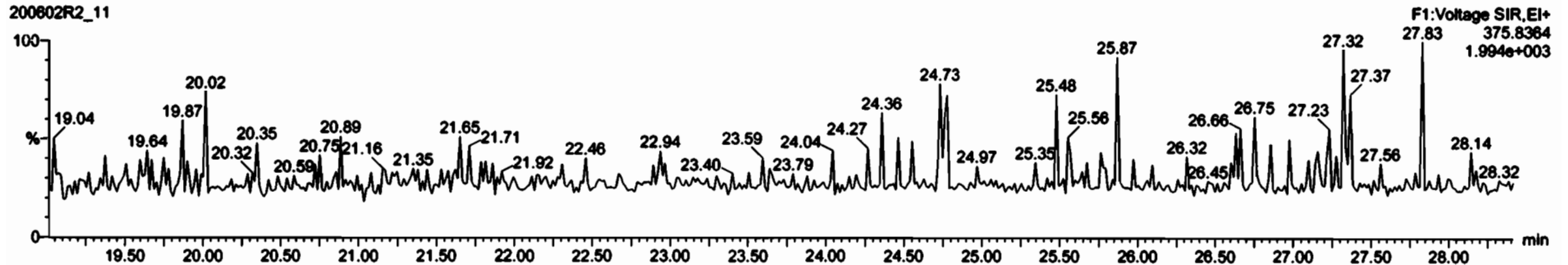


200602R2_11



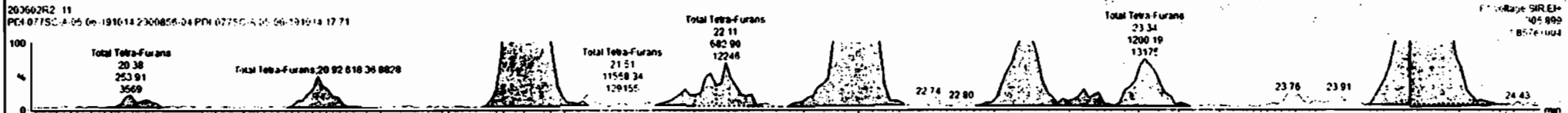
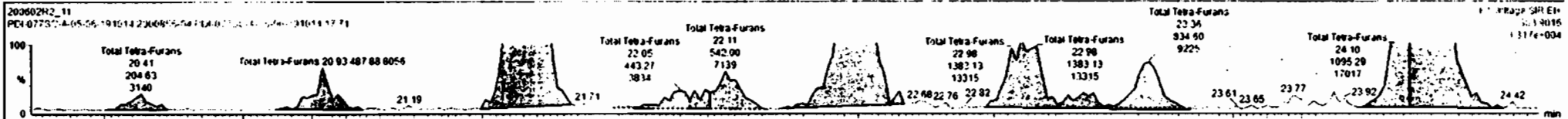
DPE1

200602R2_11



Sample	Group	RA	ajy	REP	Vol	WT	RET	Conc.	WFac	CL	EMPC
42	Total Hgpa-Domna			0.0576	10.863			796		0.078	217
43	Total Hgpa-Domna			0.1709						0.198	493

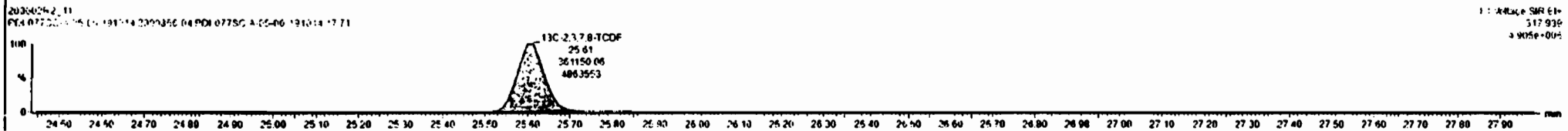
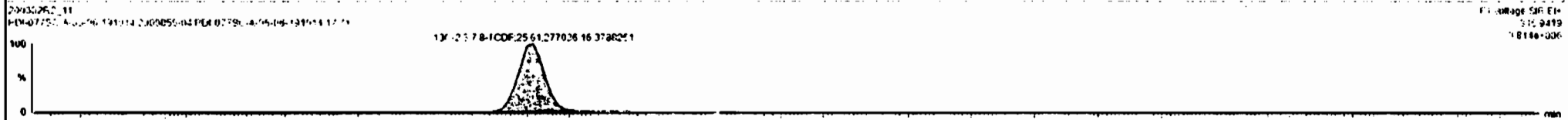
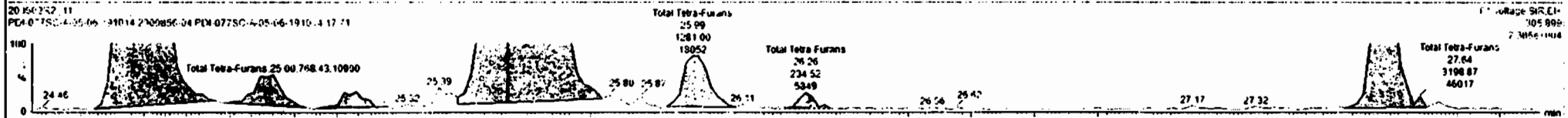
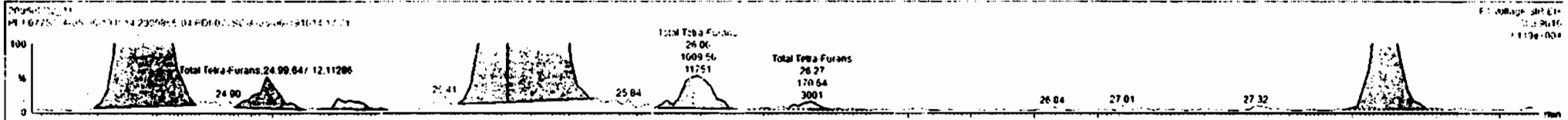
Sample	REP	ret Range	inj Range	RA	ajy	EMPC	Conc.	
1	Total Tetra-Furans	20.41	2.34e2	2.579e2	0.81	NO	0.19018	0.19018
2	Total Tetra-Furans	20.93	4.879e2	6.184e2	0.79	NO	0.45877	0.45877
3	Total Tetra-Furans	21.53	2.434e3	1.156e4	0.73	NO	8.2989	8.2989
4	Total Tetra-Furans	22.05	4.413e2	6.614e2	0.66	NO	0.48058	0.48058
5	Total Tetra-Furans	22.11	5.420e2	6.829e2	0.79	NO	0.50797	0.50797
6	Total Tetra-Furans	22.50	4.567e3	6.824e3	0.67	NO	4.7240	4.7240
7	Total Tetra-Furans	22.98	1.323e3	2.036e3	0.65	NO	1.4178	1.4178
8	Total Tetra-Furans	23.19	2.515e2	3.580e2	0.70	NO	0.25317	0.25317
9	Total Tetra-Furans	23.36	8.340e2	1.200e3	0.70	NO	0.84364	0.84364
10	Total Tetra-Furans	24.10	1.095e3	1.417e3	0.77	NO	1.9418	1.9418
11	Total Tetra-Furans	24.19	4.495e3	5.561e3	0.81	NO	4.1787	4.1787





RT	Name	Range	RA	dy	RF	RFrac	RT	RTT	Conc.	WAcc	DL	EMPC
42	Total Hexa-Ofurans				0.8636	10.062			216		0.078	216
43	Total Tetra-Furans				0.7992	10.062			64.7		0.125	64.7

RT	Name	RF	RFrac	RF	RA	dy	EMPC	Conc.
9	Total Tetra-Furans	23.26	0.149e2	1.200e3	0.70	110	0.74324	0.94384
10	Total Tetra-Furans	24.10	1.092e3	1.417e3	0.77	110	1.0418	1.0418
11	Total Tetra-Furans	24.19	4.498e3	5.581e3	0.61	110	4.1727	4.1727
12	Total Tetra-Furans	24.70	1.770e4	2.455e4	0.72	110	1.7700	1.7700
13	Total Tetra-Furans	24.99	6.471e2	7.684e2	0.24	110	0.58733	0.58703
14	Total Tetra-Furans	25.15	1.119e2	3.681e2	0.08	110	0.2549	0.25257
15	Total Tetra-Furans	25.23	2.044e3	3.558e3	0.74	110	2.5711	2.5711
16	2,3,7,8-TCDF	25.63	2.037e4	2.057e4	0.71	110	3.3724	20.264
17	Total Tetra-Furans	26.00	1.010e3	1.281e3	0.70	110	0.94991	0.94991
18	Total Tetra-Furans	26.27	1.705e2	2.345e2	0.75	110	0.16802	0.16802
19	Total Tetra-Furans	27.62	3.001e3	3.190e3	0.98	115	3.3481	0.00000



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

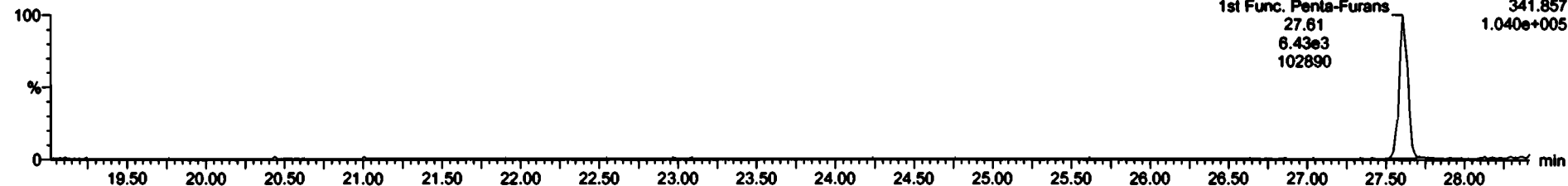
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

1st Func. Penta-Furans

200602R2_11

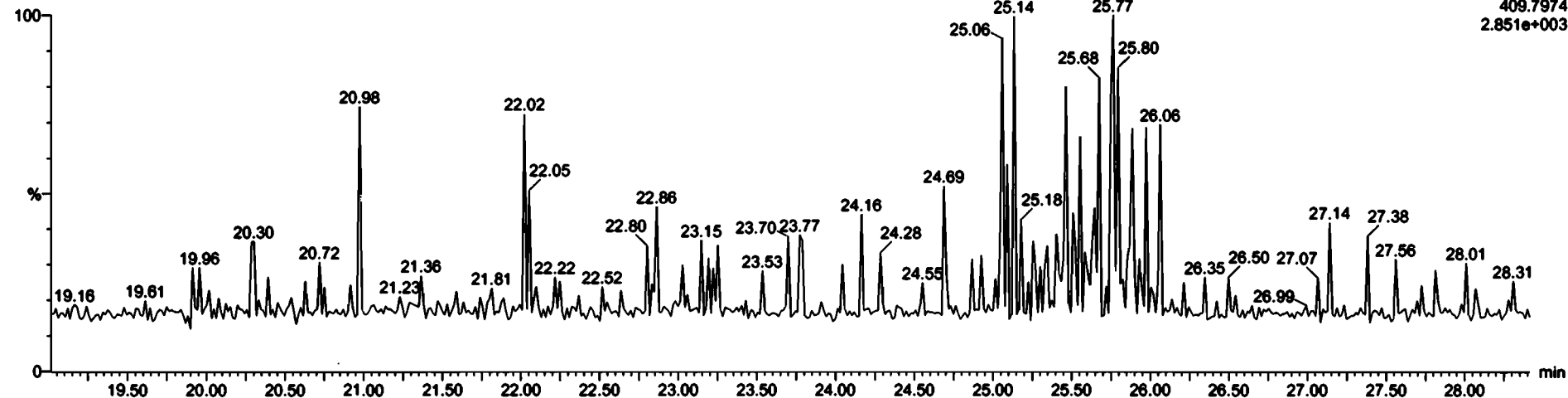


200602R2_11



DPE6

200602R2_11

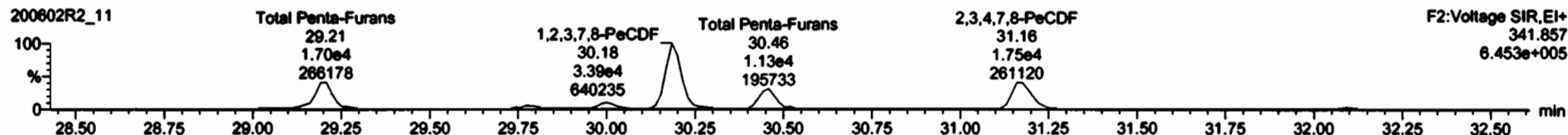
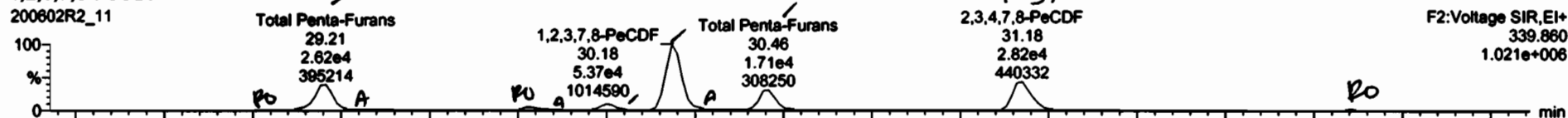


Dataset: Untitled

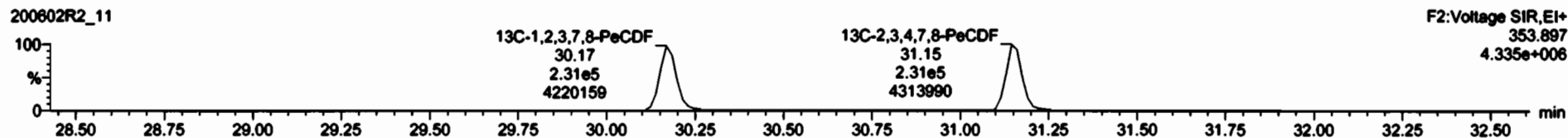
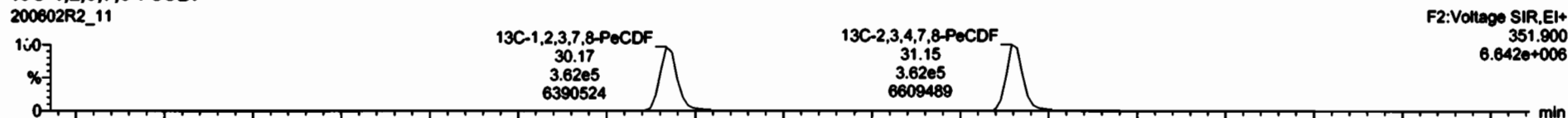
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

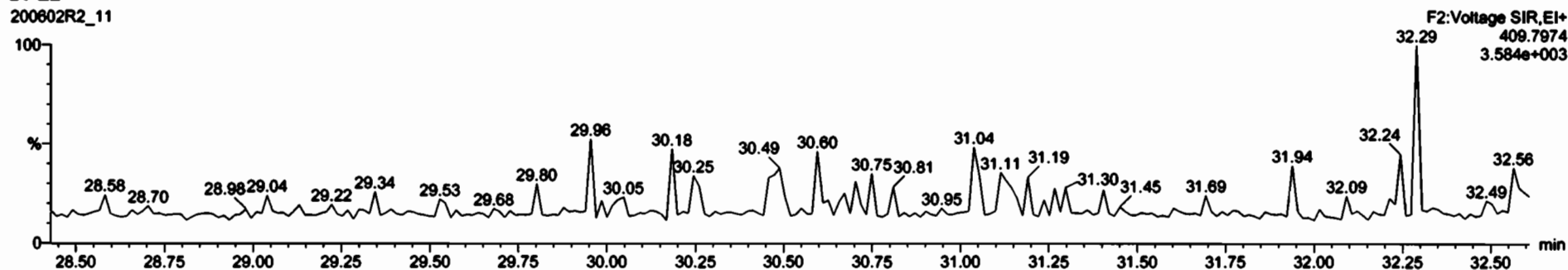
1,2,3,7,8-PeCDF



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



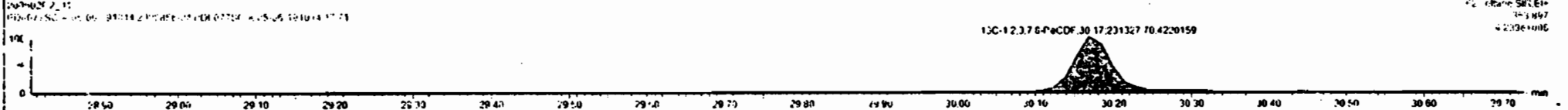
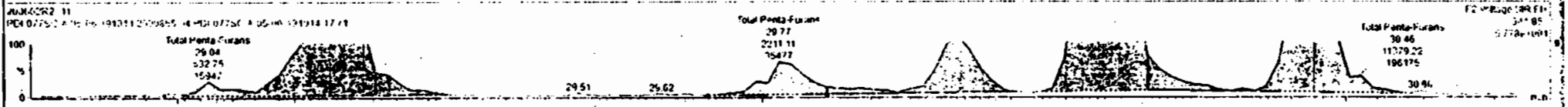
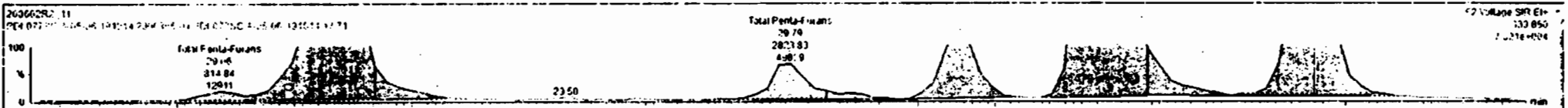
DPE2





Sample	Temp	RA	OP	RF	WRF	RT	RLT	Conc	%Rec	LA	CRP
Total Penta-Furans				0.0341	10.06			102			100

Sample	RT	Int Ramp	Ext Ramp	RA	OP	RF	Conc
1 Total Penta-Furans	29.08	5.14e2	0.377e2	1.79	YES	0.40222	0.00000
2 Total Penta-Furans	29.21	2.415e1	1.613e4	1.55	NO	11.226	0.00000
3 Total Penta-Furans	29.25	1.297e3	5.703e2	1.45	NO	0.61211	0.00000
4 Total Penta-Furans	29.79	1.524e1	2.211e3	1.22	YES	1.745	0.00000
5 Total Penta-Furans	29.21	5.922e2	4.373e2	1.22	NO	0.3012	0.00115
6 Total Penta-Furans	29.21	4.881e3	3.547e2	1.28	NO	1.1669	1.152
7 1,2,3,7,8-PeCDF	30.10	5.227e4	2.273e4	1.00	NO	11.310	21.939
8 Total Penta-Furans	29.21	1.422e3	1.213e3	1.04	NO	1.2425	1.202
9 Total Penta-Furans	30.46	1.722e4	1.438e4	1.52	NO	10.848	10.519
10 1,2,3,7,8-PeCDF	31.10	2.629e4	1.753e4	1.01	NO	16.412	16.412
11 Total Penta-Furans	29.11	5.481e2	9.989e2	0.90	YES	0.58017	0.00000
12 Total Penta-Furans	32.11	4.831e2	2.774e2	1.74	NO	0.70146	0.28566

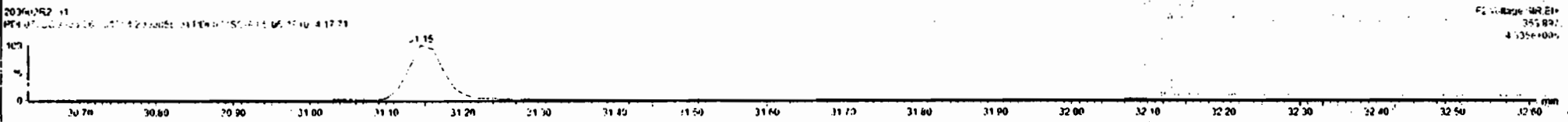
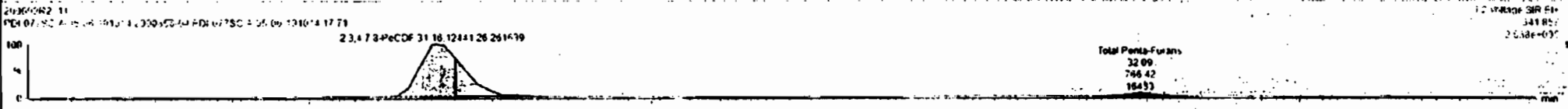


Custom Reporting: Select reports to generate

20080202_11 CAP NUM

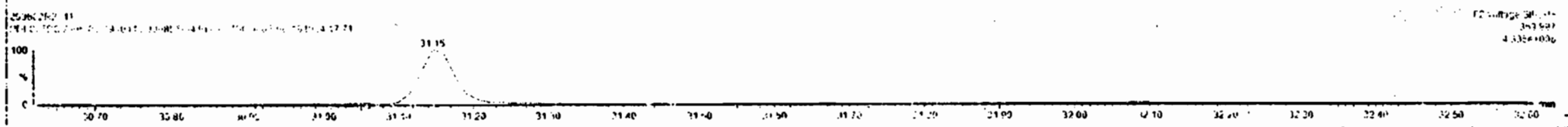
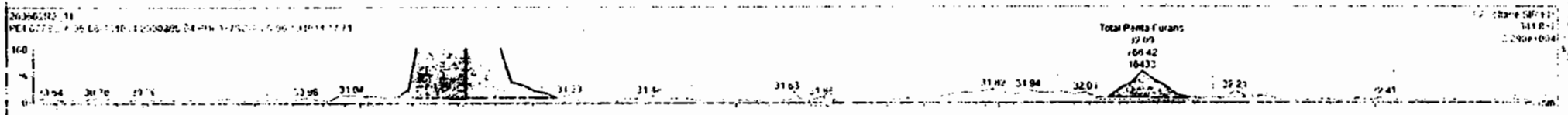
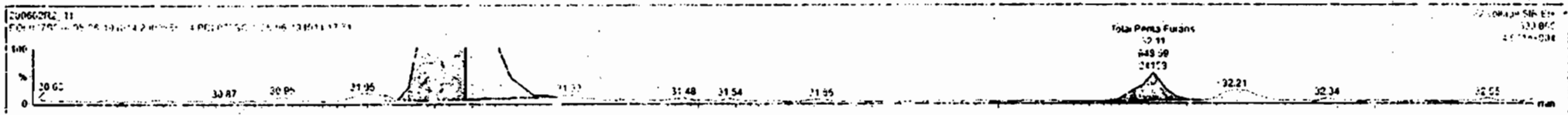
Name	Resp	RA	dy	RRF	Input	RT	RTI	Comp	%Rec	DL	EMPC
Total Penta-Furans											
Total Hexa-Furans				0.9341	10.863				106	0.4.3	106

Name	RT	Std Ratio	Std Resp	RA	dy	EMPC	Comp
1 Total Penta-Furans	29.00	6.148e2	6.327e2	1.29	NFS	0.50322	0.00000
2 Total Penta-Furans	29.21	7.455e4	1.610e4	1.52	NO	15.078	0.00000
3 Total Penta-Furans	29.25	1.295e3	4.700e2	1.49	NO	0.01211	0.20000
4 Total Penta-Furans	29.79	2.624e3	2.211e1	1.26	YES	1.7210	0.00000
5 Total Penta-Furans	29.83	5.827e2	4.373e2	1.23	NO	0.36215	0.20715
6 Total Penta-Furans	30.00	1.280e1	3.547e3	1.28	NO	7.1669	1.005
7 2,3,4,7-PeCDF	30.18	5.217e4	3.774e4	1.40	NO	31.939	21.939
8 Total Penta-Furans	29.25	1.988e2	1.213e3	1.64	NO	1.2075	1.2075
9 Total Penta-Furans	29.46	1.739e4	1.838e4	1.53	NO	19.808	10.808
10 2,3,4,7-PeCDF	31.12	2.206e4	1.244e4	1.61	NO	11.673	11.673
11 Total Penta-Furans	31.19	8.827e3	5.126e3	1.59	NO	4.9774	4.9774
12 Total Penta-Furans	32.11	9.486e2	1.684e2	1.24	YES	0.59617	0.00000



No	Name	Comp	CA	Qty	Unit	Value	WT	Ref	Case	%Sec	HT	HTC
12	Total Hexa-Furans			0.0041	10.000				100			100

No	Name	ID	Net Comp	Net Comp	CA	Qty	Unit	Value	WT	Ref	Case	%Sec
1	Total Hexa-Furans	76.00	0.1762	13272	1.26	1.00	10.000	0.0000				100
2	Total Penta-Furans	20.21	2.4704	15104	1.52	10.00	10.000	0.0000				100
3	Total Tetra-Furans	79.24	1.7267	27112	1.45	10.00	10.000	0.0000				100
4	Total Tri-Furans	1.10	0.2161	7161	1.16	10.00	10.000	0.0000				100
5	Total Di-Furans	79.23	0.2742	11762	1.13	10.00	10.000	0.0000				100
6	Total Mono-Furans	40.60	0.6603	11813	1.00	10.00	10.000	0.0000				100
7	1,2,3,4,5-PeCDF	24.15	0.1264	2734	1.00	10.00	10.000	0.0000				100
8	Total Hexa-Furans	76.00	0.1762	13272	1.26	10.00	10.000	0.0000				100
9	Total Penta-Furans	20.21	2.4704	15104	1.52	10.00	10.000	0.0000				100
10	2,3,4,5-PeCDF	1.10	0.2161	7161	1.00	10.00	10.000	0.0000				100
11	Total Hexa-Furans	24.15	0.1264	2734	1.00	10.00	10.000	0.0000				100
12	Total Hexa-Furans	32.11	0.0062	15002	1.24	1.15	0.0017	0.0000				100

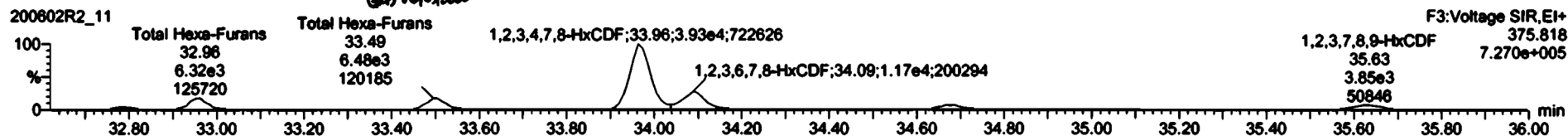
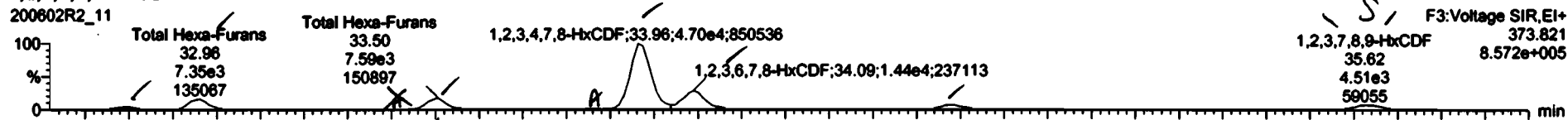


Dataset: Untitled

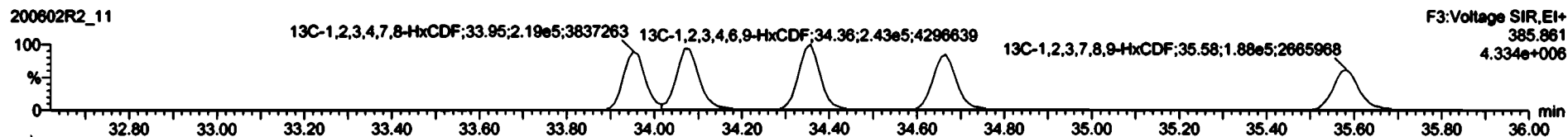
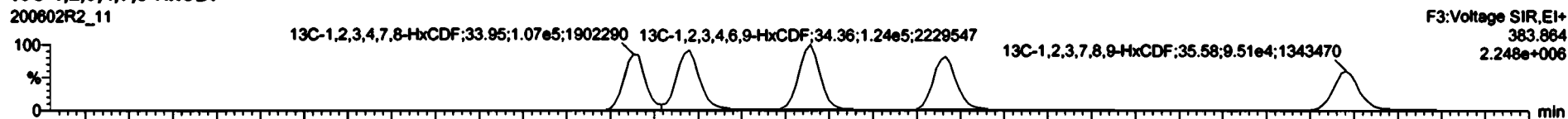
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

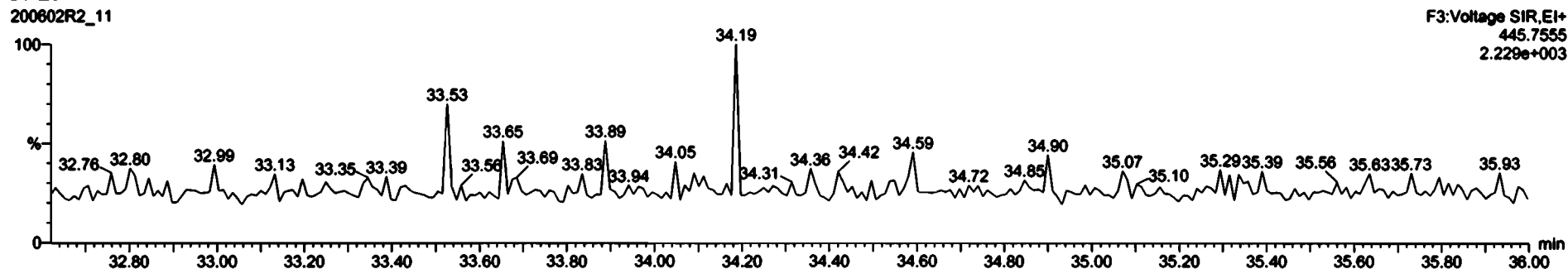
1,2,3,4,7,8-HxCDF



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



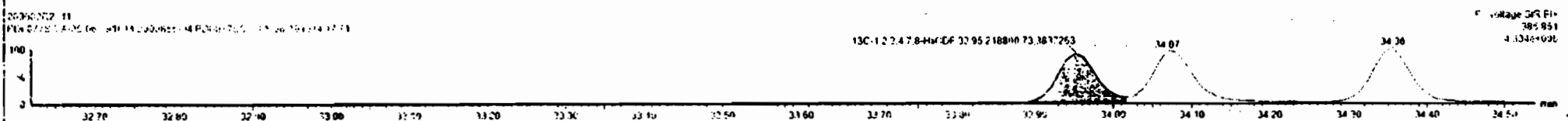
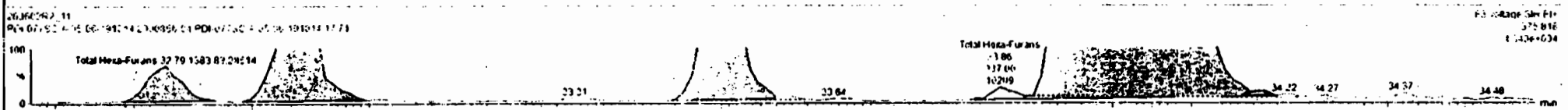
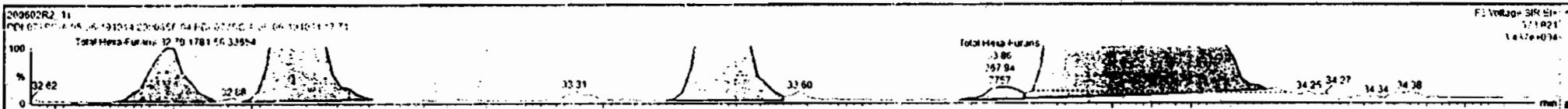
DPE3





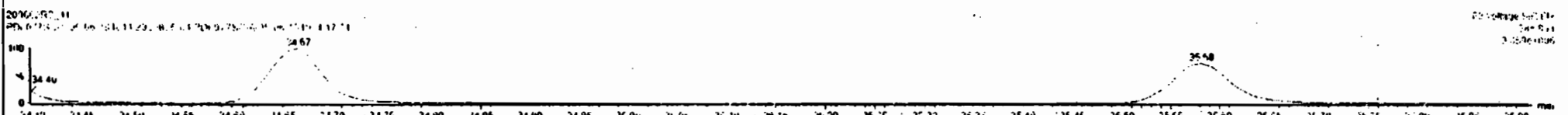
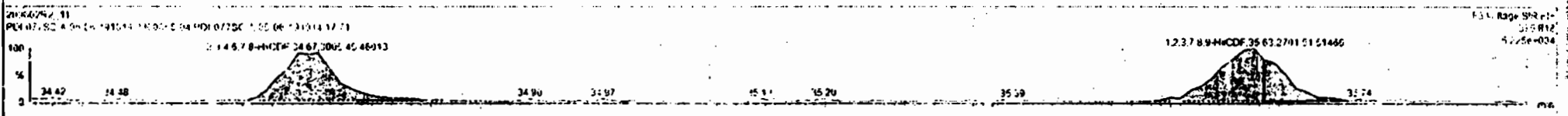
Name	Resp	RA	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
45	Total Hexa-Furans				0.0000	10.0000						83.1
46	Total Hexa-Furans				0.0000	10.0000						100

Name	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
1	Total Hexa-Furans	17.79	1.71e+3	1.71e+3	1.29	1.2	2.01e3	2.01e3				
2	Total Hexa-Furans	12.56	7.35e+2	7.35e+2	0.325e3	1.16	NC	0.8501	0.8501			
3	Total Hexa-Furans	33.51	4.0e+3	4.0e+3	6.321e2	2.0	NO	5.0010	5.0010			
4	Total Hexa-Furans	11.27	1.17e+3	1.17e+3	1.09	1.0	0.45e17	0.45e17				
5	1,2,3,4,7,8-HxCDF	33.96	4.74e+4	4.74e+4	1.20	NO	5.2e22	5.2e22	5.2e22			
6	1,2,3,6,7,8-HxCDF	16.69	1.43e+4	1.43e+4	1.22	NO	1.1e21	1.1e21	1.1e21			
7	2,3,4,6,7,8-HxCDF	16.69	3.3e+3	3.3e+3	1.10	NO	4.2e21	4.2e21				
8	1,2,3,7,8-HxCDF	32.47	4.50e+3	4.50e+3	1.17	NO	6.74e0	6.74e0				



Name	Resp	CA	Qty	RFV	WSP	RT	RAI	Comp	WSP	LA	FAPC
Total Peak Furans	0.6927		12.062							0.456	33.1
Total Peak Phenols	0.0332		0.6927							0.456	33.1

Name	RT	WSP	RFV	WSP	RT	RAI	Comp
1 Total Peak Furans	14.79	1.35e+3	1.35e+3	7.9	1.0	1.1e7	2.64e2
2 Total Peak Furans	34.92	6.32e+4	6.32e+4	1.15	1.0	8.85e1	4.85e1
3 Total Peak Furans	34.92	6.32e+4	6.32e+4	1.20	1.0	9.21e1	5.00e10
4 Total Peak Furans	34.92	2.37e+2	2.37e+2	1.09	1.0	6.4e+17	0.45e+17
5 1,2,3,7,8-HxCDF	34.92	4.74e+4	4.74e+4	1.20	1.0	5.92e+1	1.97e2
6 1,2,3,7,8-HxCDF	34.92	1.47e+4	1.47e+4	1.20	1.0	1.71e2	1.57e2
7 1,2,3,7,8-HxCDF	34.92	1.47e+4	1.47e+4	1.20	1.0	4.1e+5	4.1e+5
8 1,2,3,7,8-HxCDF	35.62	1.46e+4	1.46e+4	1.10	1.0	4.58e+1	1.55e+1
9 Total Peak Furans	35.62	1.41e+3	1.41e+3	1.15	1.0	1.7e+1	1.7e+1

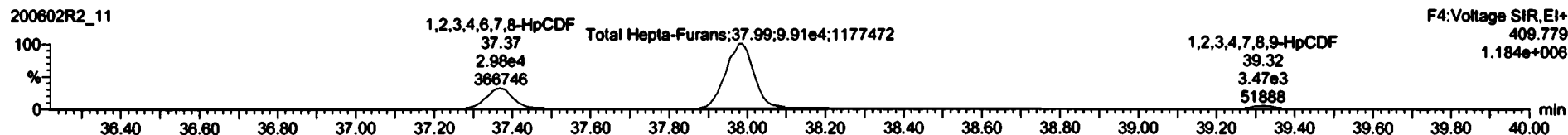
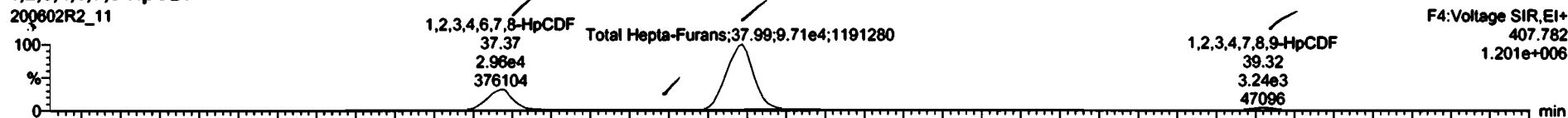


Dataset: Untitled

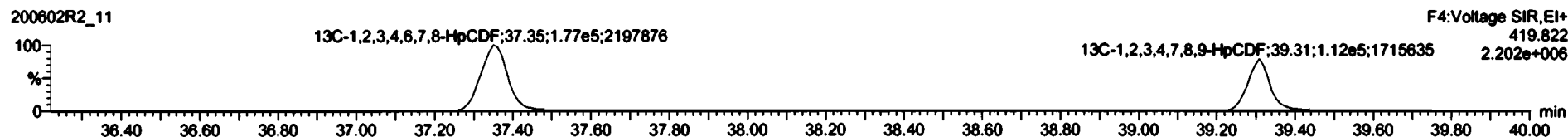
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

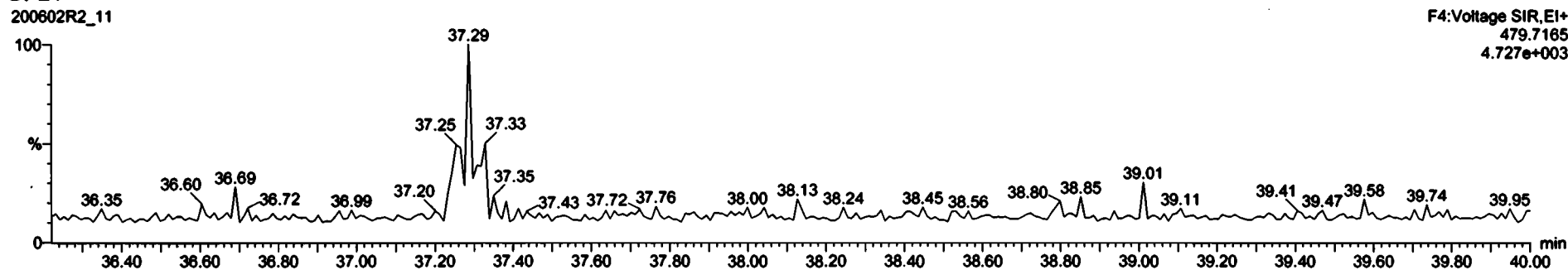
1,2,3,4,6,7,8-HpCDF



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

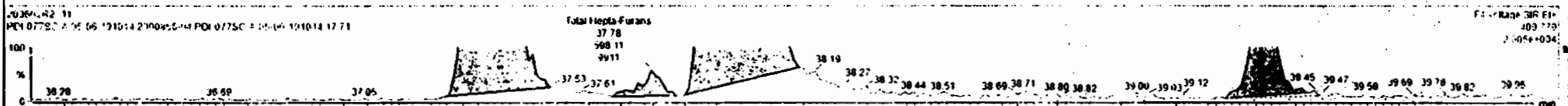
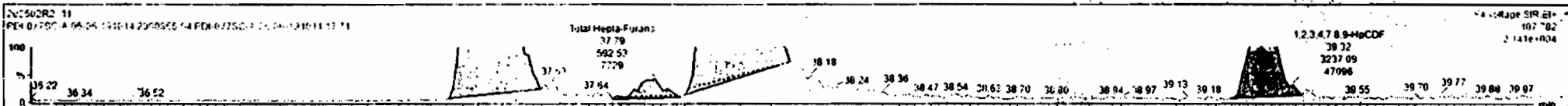


DPE4



#	Name	Resp	RA	inj	RF	WtPct	RT	RTT	Conc.	%Rec	GL	EMPC
45	Total Hepta-Furans				0.0525	10.062			64.1		0.958	83.1
46	Total Hepta-Furans				0.9341	19.963			107		0.423	107

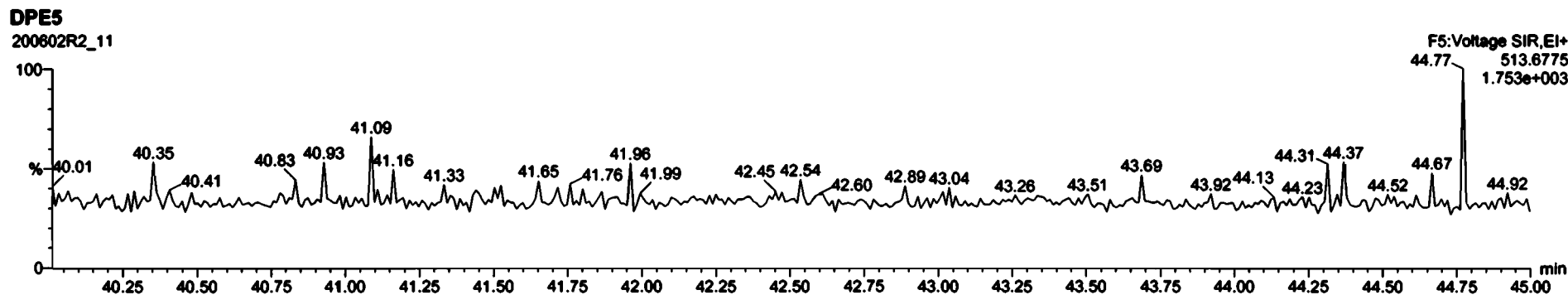
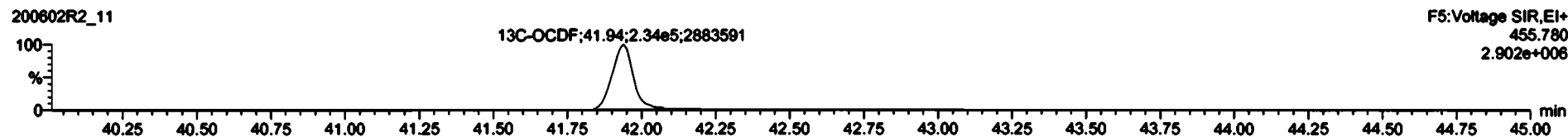
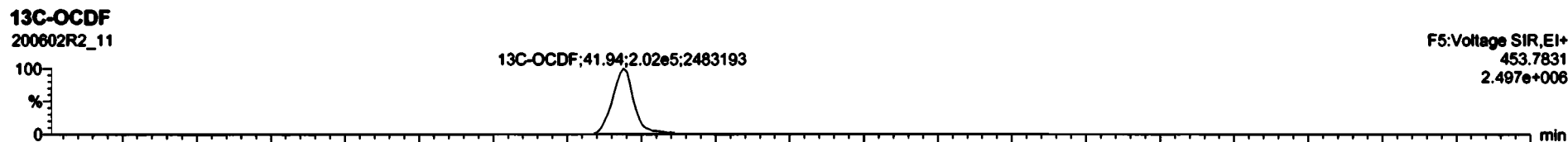
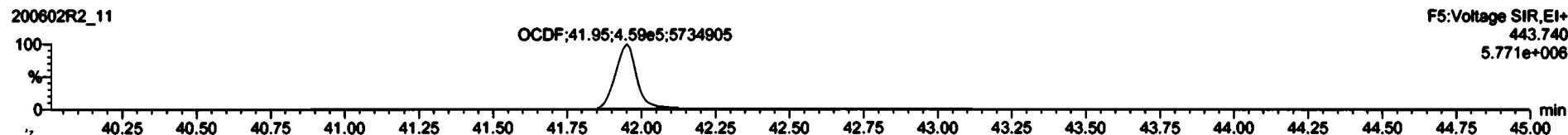
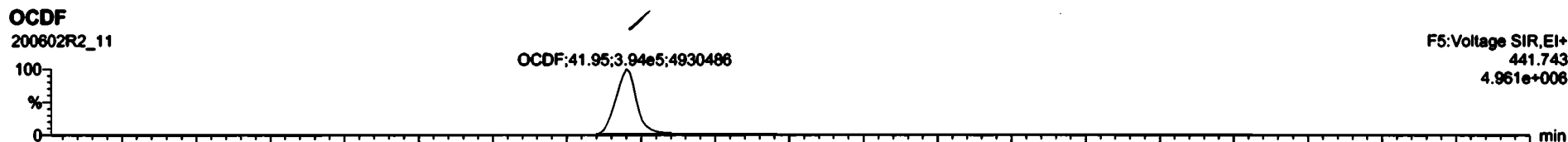
#	Name	RT	inj Resp	inj Conc	RA	inj	EMPC	Conc.
1	1,2,3,4,6,7,8-HpCDF	37.37	2.992e4	2.978e4	0.99	NO	54.226	54.229
2	Total Hepta-Furans	37.79	5.925e2	5.921e2	0.99	NO	1.3289	1.329
3	Total Hepta-Furans	37.99	9.717e4	9.612e4	0.98	NO	219.71	219.71
4	1,2,3,4,7,8-HpCDF	38.32	2.217e3	1.204e1	0.56	NO	9.098	4.9985



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

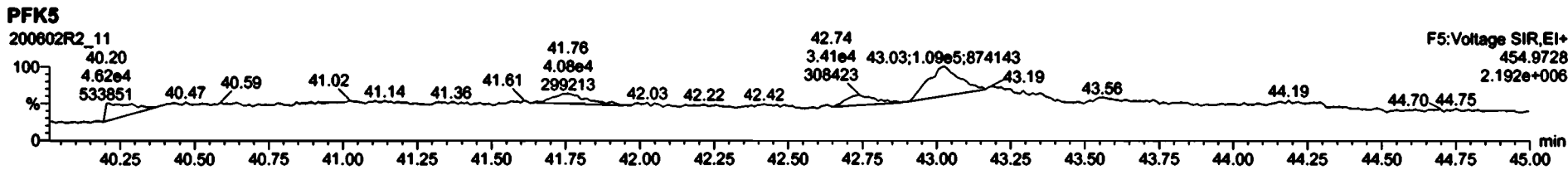
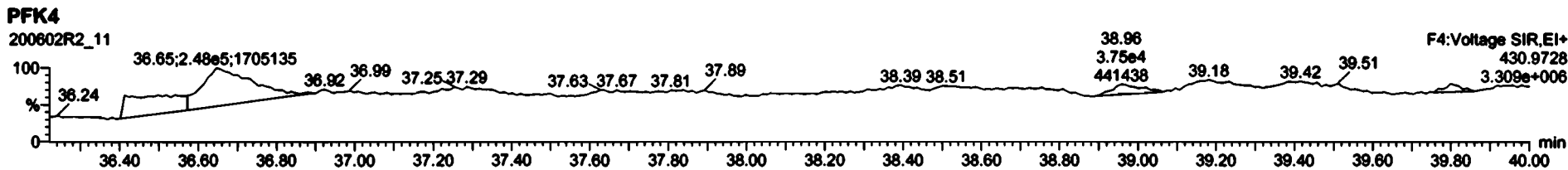
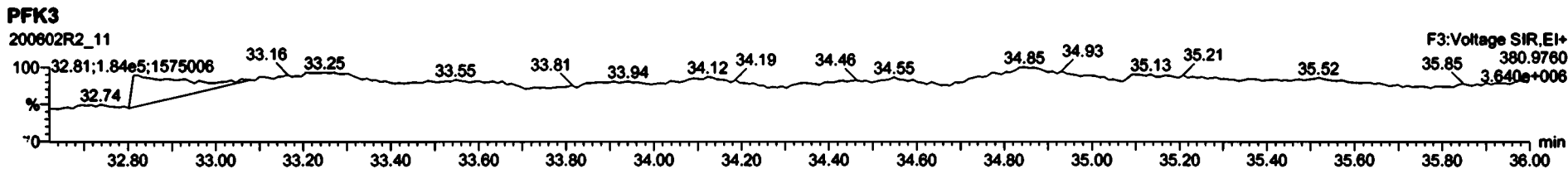
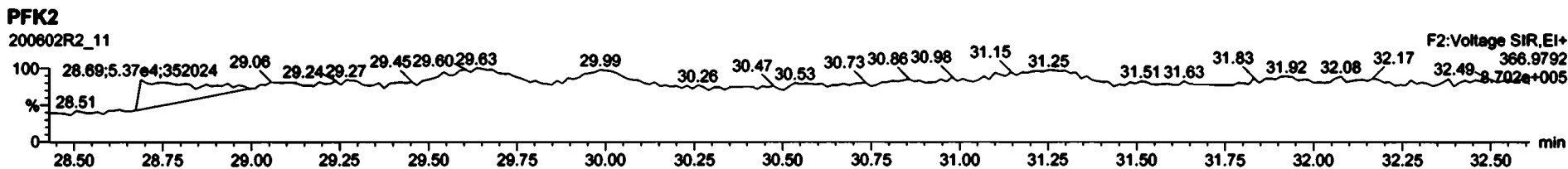
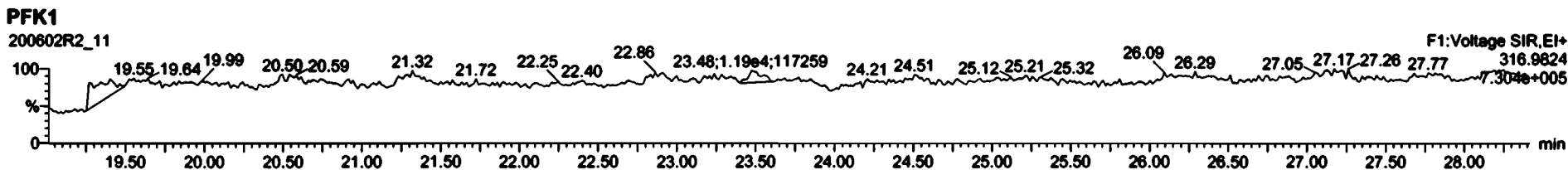
Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_11, Date: 02-Jun-2020, Time: 23:03:03, ID: 2000856-04 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

GRB 06/03/2020

ET 06/04/2020

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

1	2,3,7,8-TCDD	3.54e3	0.75	NO	0.888	10.043	26.531	26.51	1.001	1.001	1.3135	0.134	1.31
2	1,2,3,7,8-PeCDD	2.27e3	0.60	NO	0.908	10.043	31.488	31.47	1.001	1.000	1.1070	0.125	1.11
3	1,2,3,4,7,8-HxCDD	1.07e3	1.19	NO	1.03	10.043	34.846	34.86	1.000	1.001	0.75918	0.364	0.759
4	1,2,3,6,7,8-HxCDD	6.47e3	1.28	NO	0.892	10.043	34.943	34.95	1.000	1.000	4.3214	0.361	4.32
5	1,2,3,7,8,9-HxCDD	2.53e3	1.14	NO	0.887	10.043	35.231	35.24	1.000	1.001	1.8965	0.424	1.90
6	1,2,3,4,6,7,8-HpCDD	1.35e5	0.98	NO	0.864	10.043	38.778	38.78	1.000	1.000	141.61	0.863	142
7	OCDD	1.60e6	0.86	NO	0.914	10.043	41.759	41.77	1.000	1.000	1863.8	1.15	1860
8	2,3,7,8-TCDF	2.80e5	0.74	NO	0.751	10.043	25.641	25.63	1.001	1.001	111.76	0.242	112
9	1,2,3,7,8-PeCDF	3.07e5	1.53	NO	0.893	10.043	30.190	30.18	1.001	1.000	111.72	0.444	112
10	2,3,4,7,8-PeCDF	1.28e5	1.50	NO	0.935	10.043	31.180	31.16	1.001	1.000	45.731	0.416	45.7
11	1,2,3,4,7,8-HxCDF	1.98e5	1.22	NO	0.884	10.043	33.952	33.97	1.000	1.001	134.15	0.432	134
12	1,2,3,6,7,8-HxCDF	5.17e4	1.16	NO	0.889	10.043	34.090	34.09	1.000	1.000	31.360	0.381	31.4
13	2,3,4,6,7,8-HxCDF	1.65e4	1.19	NO	0.934	10.043	34.701	34.68	1.001	1.000	10.758	0.439	10.8
14	1,2,3,7,8,9-HxCDF	2.04e4	1.22	NO	0.871	10.043	35.582	35.63	1.000	1.001	15.814	0.606	15.8
15	1,2,3,4,6,7,8-HpCDF	7.52e4	1.00	NO	0.873	10.043	37.398	37.37	1.001	1.000	65.020	0.455	65.0
16	1,2,3,4,7,8,9-HpCDF	1.48e4	0.93	NO	1.01	10.043	39.310	39.32	1.000	1.000	18.647	0.549	18.6
17	OCDF	1.05e5	0.86	NO	0.806	10.043	41.940	41.96	1.000	1.001	125.16	0.389	125
18	13C-2,3,7,8-TCDD	6.04e5	0.78	NO	1.16	10.043	26.538	26.50	1.026	1.025	191.10	96.0	0.237
19	13C-1,2,3,7,8-PeCDD	4.50e5	0.62	NO	0.849	10.043	31.729	31.47	1.227	1.217	194.16	97.5	0.377
20	13C-1,2,3,4,7,8-HxCDD	2.71e5	1.27	NO	0.779	10.043	34.841	34.84	1.014	1.014	192.96	96.9	0.815
21	13C-1,2,3,6,7,8-HxCDD	3.34e5	1.22	NO	1.02	10.043	34.955	34.94	1.017	1.017	182.29	91.5	0.624
22	13C-1,2,3,7,8,9-HxCDD	2.99e5	1.23	NO	0.903	10.043	35.226	35.22	1.025	1.025	183.92	92.4	0.703
23	13C-1,2,3,4,6,7,8-HpCDD	2.19e5	1.07	NO	0.689	10.043	38.751	38.77	1.128	1.126	176.59	88.7	0.487
24	13C-OCDD	3.74e5	0.94	NO	0.652	10.043	41.775	41.76	1.216	1.215	318.47	80.0	0.589
25	13C-2,3,7,8-TCDF	6.65e5	0.74	NO	1.06	10.043	25.578	25.61	0.989	0.991	172.07	86.4	0.417
26	13C-1,2,3,7,8-PeCDF	6.13e5	1.57	NO	0.838	10.043	30.111	30.17	1.165	1.167	200.30	101	0.633
27	13C-2,3,4,7,8-PeCDF	5.97e5	1.56	NO	0.817	10.043	31.065	31.16	1.202	1.205	200.28	101	0.650
28	13C-1,2,3,4,7,8-HxCDF	3.32e5	0.50	NO	1.01	10.043	33.972	33.95	0.989	0.988	182.59	91.7	0.693
29	13C-1,2,3,6,7,8-HxCDF	3.69e5	0.50	NO	1.17	10.043	34.096	34.08	0.992	0.992	175.45	88.1	0.599
30	13C-2,3,4,6,7,8-HxCDF	3.26e5	0.52	NO	1.02	10.043	34.670	34.67	1.009	1.009	177.09	88.9	0.684
31	13C-1,2,3,7,8,9-HxCDF	2.95e5	0.51	NO	0.860	10.043	35.570	35.58	1.035	1.036	190.57	95.7	0.813

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.64e5	0.41	NO	0.774	10.043	37.319	37.36	1.086	1.087	189.02	94.9	0.848	
33	13C-1,2,3,4,7,8,9-HpCDF	1.56e5	0.43	NO	0.521	10.043	39.349	39.31	1.145	1.144	165.83	83.3	1.26	
34	13C-OCDF	4.16e5	0.86	NO	0.746	10.043	41.946	41.94	1.221	1.221	309.33	77.7	0.468	
35	37Cl-2,3,7,8-TCDD	2.05e5			1.04	10.043	26.569	26.53	1.028	1.026	72.303	90.8	0.179	
36	13C-1,2,3,4-TCDD	5.44e5	0.79	NO	1.00	10.043	25.890	25.85	1.000	1.000	199.14	100	0.274	
37	13C-1,2,3,4-TCDF	7.27e5	0.78	NO	1.00	10.043	24.360	24.18	1.000	1.000	199.14	100	0.442	
38	13C-1,2,3,4,6,9-HxCDF	3.59e5	0.49	NO	1.00	10.043	34.420	34.36	1.000	1.000	199.14	100	0.899	
39	Total Tetra-Dioxins				0.888	10.043	24.620		0.000		11.465		0.134	11.7
40	Total Penta-Dioxins				0.908	10.043	29.960		0.000		12.141		0.125	12.9
41	Total Hexa-Dioxins				0.892	10.043	33.835		0.000		54.798		0.399	54.8
42	Total Hepta-Dioxins				0.864	10.043	37.640		0.000		375.71		0.863	376
43	Total Tetra-Furans				0.751	10.043	23.610		0.000		383.64		0.242	384
44	1st Func. Penta-Furans				0.893	10.043	27.580		0.000		44.060		0.0717	44.1
45	Total Penta-Furans				0.893	10.043	29.275		0.000		327.99		0.439	338
46	Total Hexa-Furans				0.934	10.043	33.555		0.000		290.21		0.438	290
47	Total Hepta-Furans				0.873	10.043	37.835		0.000		208.46		0.523	208

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

Tetra-Dioxins

Name	Area	Height	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Tetra-Dioxins	22.52	5.690e4	8.293e4	5.674e3	7.463e3	0.76	NO	1.314e4	4.8769	4.8769	0.134
Total Tetra-Dioxins	22.97	1.632e4	1.933e4	1.436e3	1.732e3	0.83	NO	3.168e3	1.1760	1.1760	0.134
Total Tetra-Dioxins	23.44	4.378e3	5.672e3	4.309e2	4.880e2	0.88	NO	9.189e2	0.34113	0.34113	0.134
Total Tetra-Dioxins	24.34	4.471e3	7.931e3	3.494e2	4.948e2	0.71	NO	8.442e2	0.31338	0.31338	0.134
Total Tetra-Dioxins	24.61	1.002e4	1.359e4	8.975e2	1.152e3	0.78	NO	2.050e3	0.76093	0.76093	0.134
Total Tetra-Dioxins	24.82	1.271e4	1.501e4	8.794e2	1.202e3	0.73	NO	2.082e3	0.77278	0.77278	0.134
Total Tetra-Dioxins	25.06	5.113e3	4.159e3	3.211e2	3.420e2	0.94	YES	0.000e0	0.00000	0.22471	0.134
Total Tetra-Dioxins	25.29	3.158e3	3.150e3	1.794e2	2.049e2	0.88	NO	3.843e2	0.14267	0.14267	0.134
Total Tetra-Dioxins	25.45	5.490e3	7.406e3	4.028e2	4.551e2	0.89	NO	8.579e2	0.31849	0.31849	0.134
Total Tetra-Dioxins	26.27	2.128e4	2.332e4	1.264e3	1.821e3	0.69	NO	3.085e3	1.1452	1.1452	0.134
2,3,7,8-TCDD	26.51	2.272e4	3.040e4	1.520e3	2.018e3	0.75	NO	3.538e3	1.3135	1.3135	0.134
Total Tetra-Dioxins	26.84	6.081e3	7.770e3	3.627e2	4.555e2	0.80	NO	8.182e2	0.30373	0.30373	0.134

Penta-Dioxins

Name	Area	Height	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Penta-Dioxins	29.25	3.864e4	6.830e4	3.072e3	5.645e3	0.54	NO	8.717e3	4.2437	4.2437	0.125
Total Penta-Dioxins	29.73	1.179e4	2.331e4	6.412e2	1.173e3	0.55	NO	1.814e3	0.88331	0.88331	0.125
Total Penta-Dioxins	30.23	3.279e4	5.523e4	1.865e3	2.901e3	0.64	NO	4.767e3	2.3206	2.3206	0.125
Total Penta-Dioxins	30.40	1.448e4	2.656e4	9.156e2	1.286e3	0.71	NO	2.202e3	1.0720	1.0720	0.125
Total Penta-Dioxins	30.47	9.547e3	1.915e4	5.883e2	1.024e3	0.57	NO	1.612e3	0.78485	0.78485	0.125
Total Penta-Dioxins	30.70	1.535e4	2.202e4	6.833e2	9.324e2	0.73	YES	0.000e0	0.00000	0.73989	0.125
Total Penta-Dioxins	30.75	1.276e4	1.967e4	6.272e2	9.086e2	0.69	NO	1.536e3	0.74766	0.74766	0.125
Total Penta-Dioxins	31.04	6.640e3	8.426e3	3.063e2	4.338e2	0.71	NO	7.401e2	0.36032	0.36032	0.125
1,2,3,7,8-PeCDD	31.47	1.602e4	2.936e4	8.567e2	1.417e3	0.60	NO	2.274e3	1.1070	1.1070	0.125
Total Penta-Dioxins	31.57	4.289e3	6.823e3	2.204e2	4.097e2	0.54	NO	6.301e2	0.30676	0.30676	0.125
Total Penta-Dioxins	31.85	7.441e3	7.465e3	2.280e2	4.176e2	0.55	NO	6.456e2	0.31432	0.31432	0.125

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

Hexa-Dioxins

Total Hexa-Dioxins	33.35	3.581e5	2.904e5	1.832e4	1.462e4	1.25	NO	3.294e4	24.397	24.397	0.399
Total Hexa-Dioxins	33.90	3.560e4	3.460e4	1.991e3	1.719e3	1.16	NO	3.709e3	2.7472	2.7472	0.399
Total Hexa-Dioxins	34.15	1.966e5	1.582e5	1.400e4	1.141e4	1.23	NO	2.542e4	18.824	18.824	0.399
Total Hexa-Dioxins	34.25	1.467e4	1.346e4	9.528e2	7.466e2	1.28	NO	1.699e3	1.2587	1.2587	0.399
1,2,3,4,7,8-HxCDD	34.88	1.045e4	1.029e4	5.808e2	4.863e2	1.19	NO	1.067e3	0.75918	0.75918	0.364
1,2,3,6,7,8-HxCDD	34.95	5.554e4	4.571e4	3.636e3	2.830e3	1.28	NO	6.467e3	4.3214	4.3214	0.361
Total Hexa-Dioxins	35.16	7.865e3	9.162e3	4.369e2	3.649e2	1.20	NO	8.018e2	0.59384	0.59384	0.399
1,2,3,7,8,9-HxCDD	35.24	2.055e4	1.848e4	1.348e3	1.179e3	1.14	NO	2.527e3	1.8965	1.8965	0.424

Hepta-Dioxins

Total Hepta-Dioxins	37.76	1.491e6	1.397e6	1.130e5	1.097e5	1.03	NO	2.227e5	234.10	234.10	0.863
1,2,3,4,6,7,8-HpCDD	38.78	9.547e5	9.773e5	6.655e4	6.818e4	0.98	NO	1.347e5	141.61	141.61	0.863

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

Tetra-Furans

Total Tetra-Furans	20.38	1.572e4	1.813e4	1.207e3	1.554e3	0.78	NO	2.761e3	1.1006	1.1006	0.242
Total Tetra-Furans	20.92	2.318e4	3.663e4	2.282e3	3.108e3	0.73	NO	5.390e3	2.1486	2.1486	0.242
Total Tetra-Furans	21.51	5.621e5	7.804e5	4.970e4	6.722e4	0.74	NO	1.169e5	46.606	46.606	0.242
Total Tetra-Furans	21.99	1.612e4	2.114e4	1.218e3	1.815e3	0.67	NO	3.033e3	1.2090	1.2090	0.242
Total Tetra-Furans	22.10	4.213e4	5.131e4	4.484e3	5.476e3	0.82	NO	9.960e3	3.9701	3.9701	0.242
Total Tetra-Furans	22.40	2.702e4	3.770e4	1.297e3	1.521e3	0.85	NO	2.818e3	1.1234	1.1234	0.242
Total Tetra-Furans	22.49	2.761e5	3.773e5	2.607e4	3.566e4	0.73	NO	6.173e4	24.605	24.605	0.242
Total Tetra-Furans	23.00	1.141e5	1.525e5	1.089e4	1.433e4	0.76	NO	2.523e4	10.057	10.057	0.242
Total Tetra-Furans	23.13	1.428e4	1.613e4	1.038e3	1.390e3	0.75	NO	2.429e3	0.96814	0.96814	0.242
Total Tetra-Furans	23.35	5.374e4	7.625e4	4.854e3	6.568e3	0.74	NO	1.142e4	4.5529	4.5529	0.242
Total Tetra-Furans	23.76	1.184e4	1.253e4	9.149e2	1.076e3	0.85	NO	1.991e3	0.79349	0.79349	0.242
Total Tetra-Furans	23.91	1.207e4	1.503e4	9.467e2	1.087e3	0.87	NO	2.034e3	0.81080	0.81080	0.242
Total Tetra-Furans	24.09	9.736e4	1.402e5	7.012e3	9.652e3	0.73	NO	1.666e4	6.6428	6.6428	0.242
Total Tetra-Furans	24.18	2.448e5	3.345e5	2.311e4	3.096e4	0.75	NO	5.406e4	21.551	21.551	0.242
Total Tetra-Furans	24.69	1.355e6	1.857e6	1.092e5	1.478e5	0.74	NO	2.570e5	102.46	102.46	0.242
Total Tetra-Furans	24.81	2.046e4	2.591e4	1.112e3	1.281e3	0.87	NO	2.393e3	0.95387	0.95387	0.242
Total Tetra-Furans	24.99	5.096e4	6.942e4	4.261e3	5.203e3	0.82	NO	9.464e3	3.7727	3.7727	0.242
Total Tetra-Furans	25.17	1.392e4	2.173e4	1.105e3	1.657e3	0.67	NO	2.762e3	1.1011	1.1011	0.242
Total Tetra-Furans	25.41	1.610e4	2.342e4	1.029e3	1.414e3	0.73	NO	2.443e3	0.97382	0.97382	0.242
Total Tetra-Furans	25.53	2.442e5	3.273e5	1.611e4	2.167e4	0.74	NO	3.778e4	15.060	15.060	0.242
2,3,7,8-TCDF	25.63	1.592e6	2.186e6	1.190e5	1.614e5	0.74	NO	2.804e5	111.76	111.76	0.242
Total Tetra-Furans	25.74	3.040e4	3.004e4	2.138e3	2.663e3	0.80	NO	4.801e3	1.9138	1.9138	0.242
Total Tetra-Furans	26.00	7.766e4	9.882e4	5.828e3	7.642e3	0.76	NO	1.347e4	5.3696	5.3696	0.242
Total Tetra-Furans	26.24	1.516e4	2.099e4	1.045e3	1.477e3	0.71	NO	2.522e3	1.0052	1.0052	0.242
Total Tetra-Furans	27.62	2.340e5	2.593e5	1.533e4	1.761e4	0.87	NO	3.295e4	13.133	13.133	0.242

Penta-Furans function 1

1st Func. Penta-Furans	27.62	1.218e6	7.424e5	7.376e4	4.569e4	1.61	NO	1.195e5	44.060	44.060	0.0717
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

Penta-Furans

	Area	Height	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Penta-Furans	29.07	5.642e4	4.009e4	3.602e3	2.448e3	1.47	NO	6.050e3	2.2315	2.2315	0.439
Total Penta-Furans	29.21	1.848e6	1.192e6	1.138e5	7.292e4	1.56	NO	1.867e5	68.878	68.878	0.439
Total Penta-Furans	29.27	1.296e5	7.410e4	4.036e3	2.347e3	1.72	NO	6.383e3	2.3544	2.3544	0.439
Total Penta-Furans	29.79	2.210e5	1.463e5	1.333e4	8.723e3	1.53	NO	0.000e0	0.00000	8.1341	0.439
Total Penta-Furans	29.83	6.715e4	4.704e4	3.167e3	2.154e3	1.47	NO	0.000e0	0.00000	1.9629	0.439
Total Penta-Furans	30.00	5.023e5	3.329e5	2.653e4	1.753e4	1.51	NO	4.406e4	16.252	16.252	0.439
1,2,3,7,8-PeCDF	30.18	3.245e6	2.199e6	1.853e5	1.215e5	1.53	NO	3.068e5	111.72	111.72	0.444
Total Penta-Furans	30.26	1.283e5	7.906e4	3.947e3	2.535e3	1.56	NO	6.482e3	2.3909	2.3909	0.439
Total Penta-Furans	30.46	1.449e6	9.232e5	7.692e4	4.896e4	1.57	NO	1.259e5	46.434	46.434	0.439
Total Penta-Furans	31.07	1.977e4	1.443e4	1.021e3	6.797e2	1.50	NO	1.701e3	0.62743	0.62743	0.439
2,3,4,7,8-PeCDF	31.18	1.757e6	1.175e6	7.695e4	5.122e4	1.50	NO	1.282e5	45.731	45.731	0.416
Total Penta-Furans	31.19	1.531e6	1.019e6	4.697e4	2.936e4	1.60	NO	7.633e4	28.153	28.153	0.439
Total Penta-Furans	32.11	1.109e5	7.301e4	5.362e3	3.377e3	1.59	NO	8.739e3	3.2234	3.2234	0.439

Hexa-Furans

	Area	Height	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Hexa-Furans	32.79	1.529e5	1.176e5	7.391e3	6.010e3	1.23	NO	1.340e4	8.6463	8.6463	0.438
Total Hexa-Furans	32.96	5.139e5	4.056e5	2.543e4	2.051e4	1.24	NO	4.594e4	29.639	29.639	0.438
Total Hexa-Furans	33.31	1.561e4	1.174e4	7.584e2	5.688e2	1.33	NO	1.327e3	0.85632	0.85632	0.438
Total Hexa-Furans	33.51	7.913e5	6.655e5	3.928e4	3.310e4	1.19	NO	7.238e4	46.699	46.699	0.438
Total Hexa-Furans	33.87	2.618e4	2.342e4	1.323e3	1.135e3	1.16	NO	2.458e3	1.5858	1.5858	0.438
1,2,3,4,7,8-HxCDF	33.97	1.958e6	1.596e6	1.085e5	8.898e4	1.22	NO	1.975e5	134.15	134.15	0.432
1,2,3,6,7,8-HxCDF	34.09	4.686e5	4.035e5	2.775e4	2.391e4	1.16	NO	5.166e4	31.360	31.360	0.381
Total Hexa-Furans	34.19	1.681e4	1.342e4	1.003e3	8.062e2	1.24	NO	1.809e3	1.1671	1.1671	0.438
Total Hexa-Furans	34.38	1.964e4	1.810e4	1.365e3	1.135e3	1.20	NO	2.500e3	1.6129	1.6129	0.438
2,3,4,6,7,8-HxCDF	34.68	1.551e5	1.245e5	8.928e3	7.529e3	1.19	NO	1.645e4	10.758	10.758	0.439
1,2,3,7,8,9-HxCDF	35.63	2.511e5	2.047e5	1.123e4	9.181e3	1.22	NO	2.041e4	15.814	15.814	0.606
Total Hexa-Furans	35.65	2.362e5	1.967e5	6.867e3	5.418e3	1.27	NO	1.229e4	7.9265	7.9265	0.438

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-10.qld

Last Altered: Wednesday, June 03, 2020 2:22:36 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:23:08 PM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.37	5.081e5	5.045e5	3.760e4	3.762e4	1.00	NO	7.523e4	65.020	65.020	0.455
Total Hepta-Furans	37.77	1.245e4	1.280e4	7.430e2	7.879e2	0.94	NO	1.531e3	1.6642	1.6642	0.523
Total Hepta-Furans	37.99	7.392e5	7.212e5	5.693e4	5.634e4	1.01	NO	1.133e5	123.13	123.13	0.523
1,2,3,4,7,8,9-HpCDF	39.32	1.228e5	1.288e5	7.095e3	7.670e3	0.93	NO	1.476e4	18.647	18.647	0.549

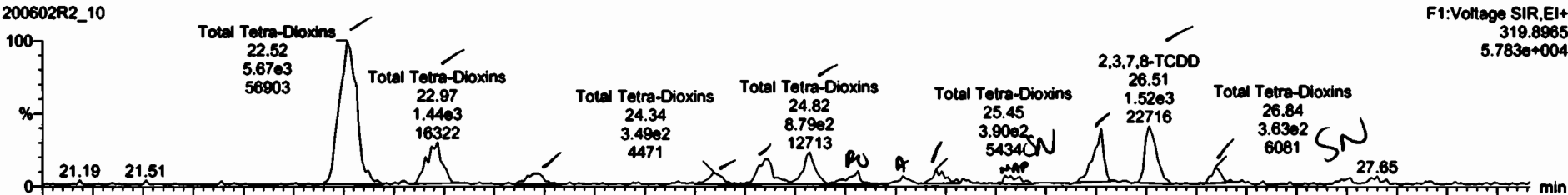
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

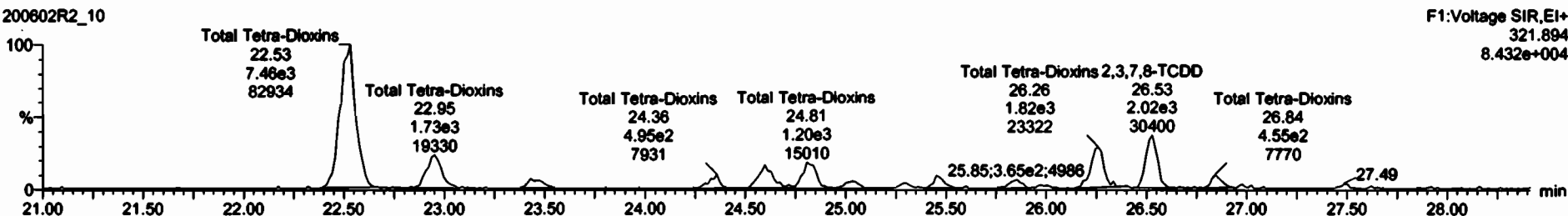
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

2,3,7,8-TCDD

200602R2_10

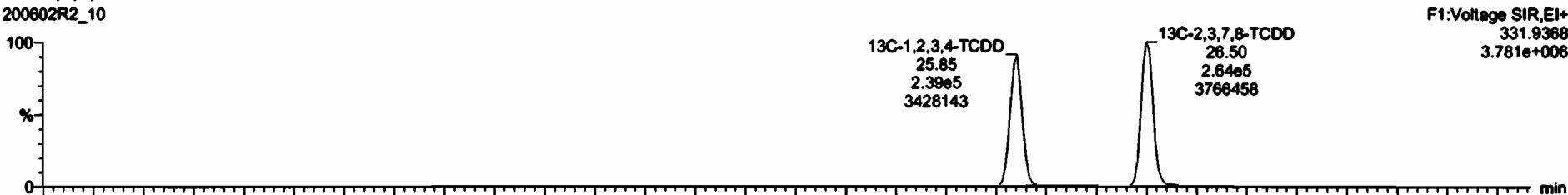


200602R2_10

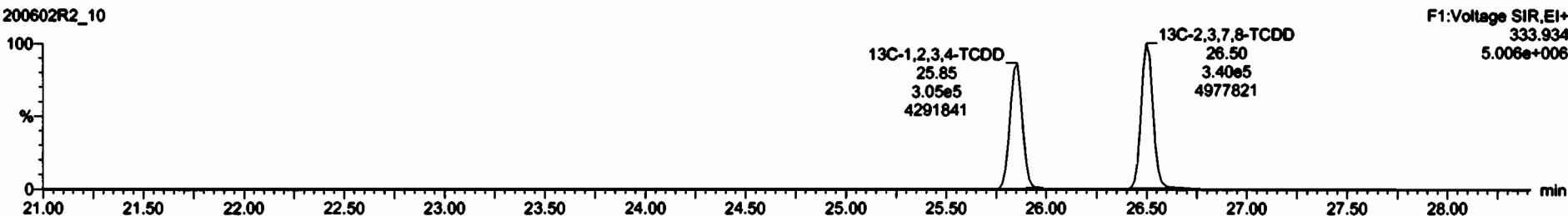


13C-2,3,7,8-TCDD

200602R2_10



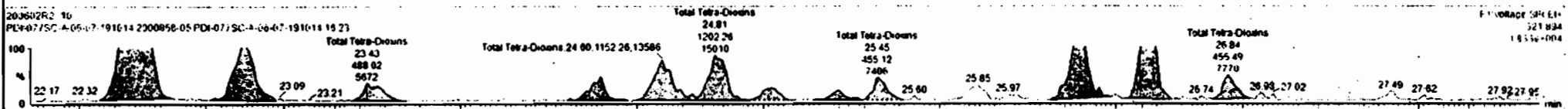
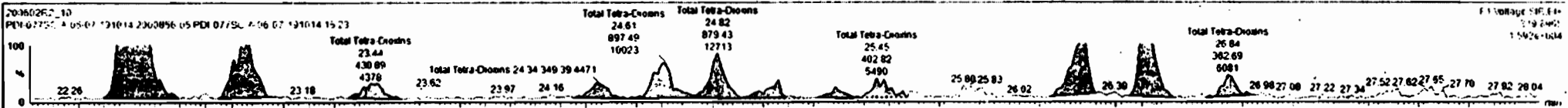
200602R2_10





ID	Name	Resp	BA	dy	RF	RF/RF	RT	RT	Conc	WAsc	OL	EMPC
09	Total Penta-Chlorins								0.0001	10.043		12.2

ID	Name	RF	RF/RF	RF/RF	BA	dy	EMPC	Conc
1	Total Tetra-Chlorins	22.52	5.674e3	7.463e3	0.76	NO	0.8759	4.8765
2	Total Tetra-Chlorins	22.97	1.435e3	1.732e3	0.83	NO	1.1760	1.1760
3	Total Tetra-Chlorins	23.44	4.309e2	4.889e2	0.88	NO	0.24113	0.24113
4	Total Tetra-Chlorins	24.34	3.498e2	4.948e2	0.71	NO	0.31738	0.31338
5	Total Tetra-Chlorins	24.61	6.075e2	1.152e3	0.76	NO	0.76052	0.78093
6	Total Tetra-Chlorins	24.82	8.784e2	1.282e3	0.73	NO	0.77278	0.77278
7	Total Tetra-Chlorins	25.06	3.211e2	3.429e2	0.94	YES	0.23471	0.00000
8	Total Tetra-Chlorins	25.29	1.794e2	2.049e2	0.86	NO	0.14267	0.14267
9	Total Tetra-Chlorins	25.45	4.028e2	4.561e2	0.89	NO	0.31649	0.31849
10	Total Tetra-Chlorins	26.27	1.264e3	1.621e3	0.89	NO	1.1452	1.1452
11	2,3,7,8-TCDD	26.51	1.520e3	2.018e3	0.75	NO	1.3135	1.3135
12	Total Tetra-Chlorins	26.84	3.627e2	4.565e2	0.80	NO	0.30373	0.30373



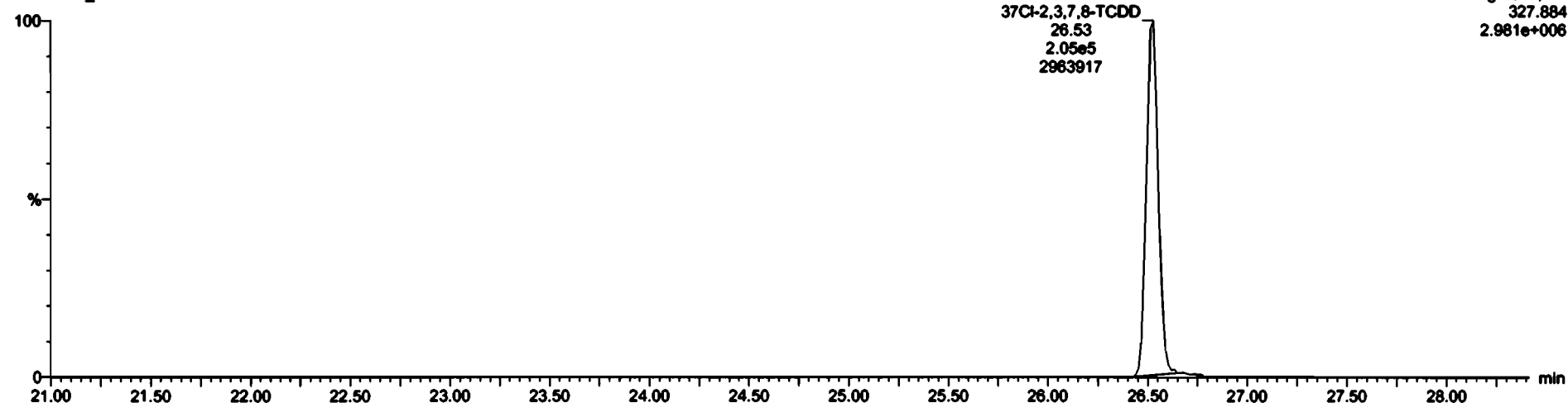
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

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

200602R2_10

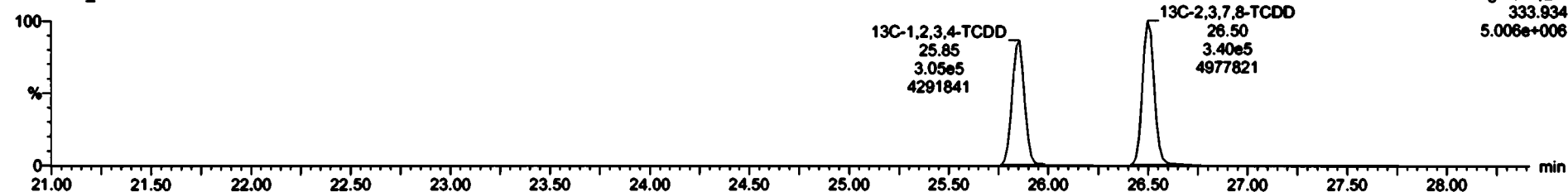


13C-1,2,3,4-TCDD

200602R2_10



200602R2_10



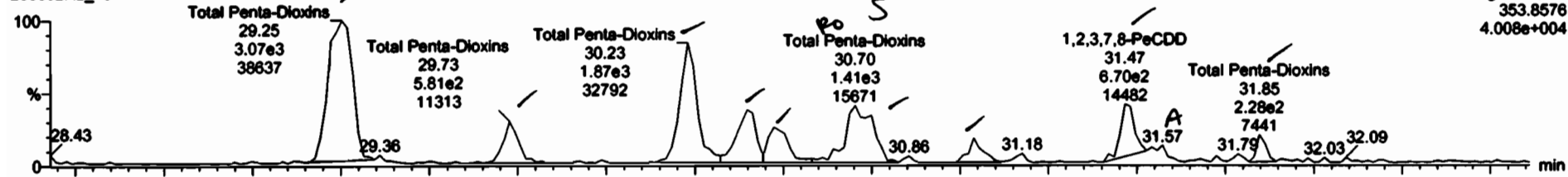
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

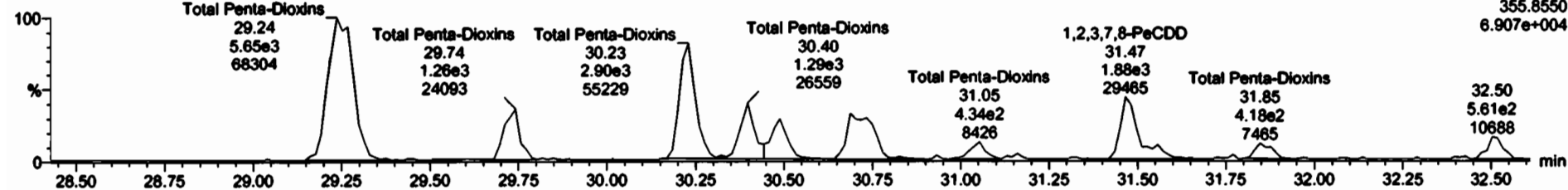
1,2,3,7,8-PeCDD

200602R2_10



F2:Voltage SIR,EI+
353.8578
4.008e+004

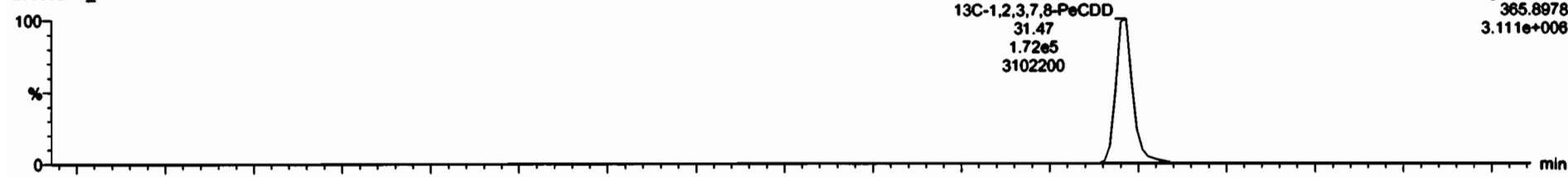
200602R2_10



F2:Voltage SIR,EI+
355.8550
6.907e+004

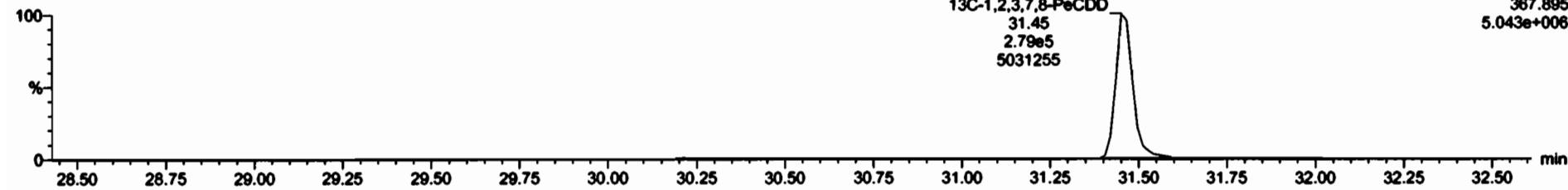
13C-1,2,3,7,8-PeCDD

200602R2_10



F2:Voltage SIR,EI+
365.8978
3.111e+006

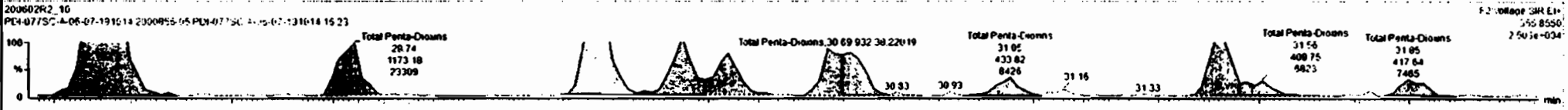
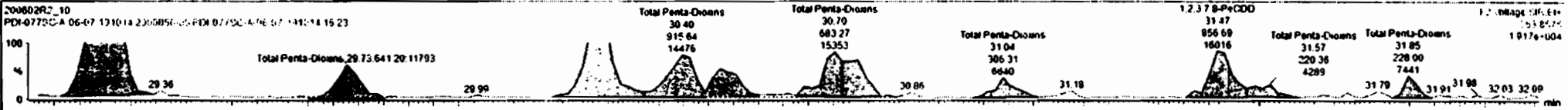
200602R2_10



F2:Voltage SIR,EI+
367.895
5.043e+006

Mass	Resp	RA	dy	RF	total	RT	RRT	Comp	%Rec	OL	EMPC
Total Penta-Chloro				0.683	10.843				11.5	0.174	11.7
Total Penta-Chloro				0.683	10.843				11.5	0.174	11.7

Index	RF	ret Resp	std Resp	RA	dy	EMPC	Comp
1 Total Penta-Chloro	29.25	3.072e3	5.645e3	0.54	NO	4.2437	4.2437
2 Total Penta-Chloro	29.73	8.412e2	1.173e3	0.75	NO	0.88331	0.88331
3 Total Penta-Chloro	30.23	1.865e3	2.901e3	0.64	NO	2.3208	2.3208
4 Total Penta-Chloro	30.40	9.156e2	1.286e3	0.71	NO	1.0720	1.0720
5 Total Penta-Chloro	30.47	5.823e2	1.024e3	0.77	NO	0.78485	0.78485
6 Total Penta-Chloro	30.70	8.833e2	9.324e2	0.73	YES	0.73089	0.00000
7 Total Penta-Chloro	30.75	6.272e2	9.088e2	0.69	NO	0.74766	0.74766
8 Total Penta-Chloro	31.04	3.083e2	4.338e2	0.71	NO	0.38032	0.38032
9 1,2,3,7,8-PeCDD	31.47	8.587e2	1.417e3	0.60	NO	1.1070	1.1070
10 Total Penta-Chloro	31.57	2.204e2	4.087e2	0.54	NO	0.30876	0.30876
11 Total Penta-Chloro	31.85	2.280e2	4.178e2	0.55	NO	0.31432	0.31432



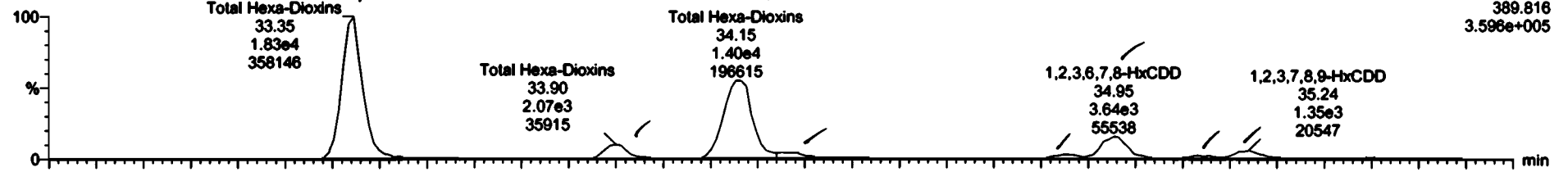
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

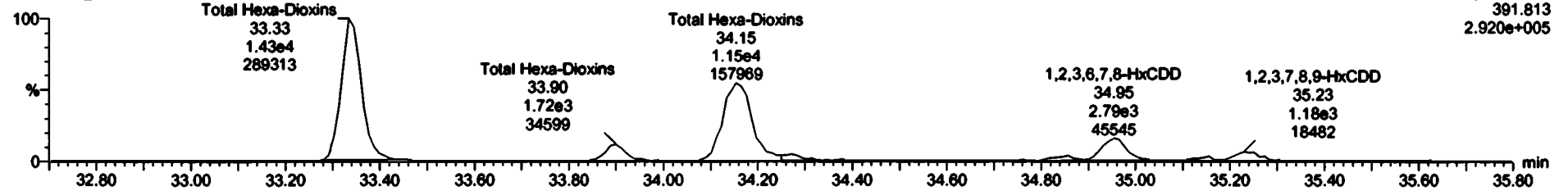
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

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

200602R2_10

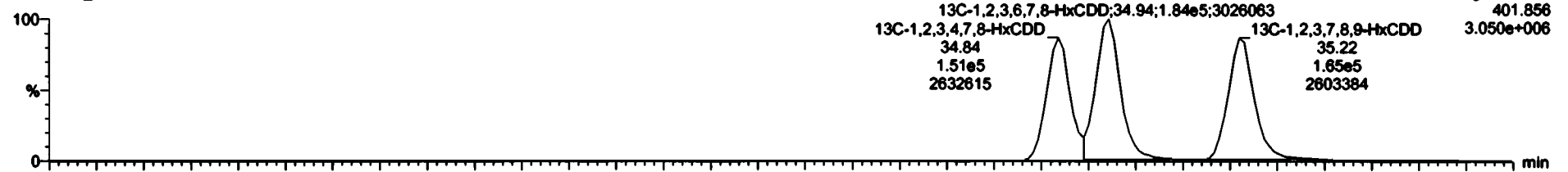


200602R2_10

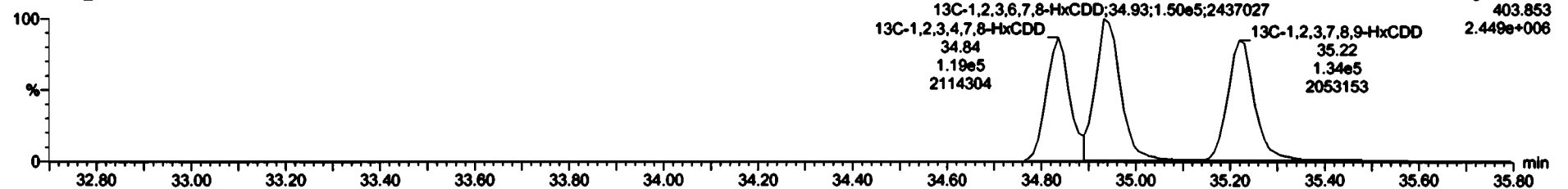


13C-1,2,3,4,7,8-HxCDD

200602R2_10



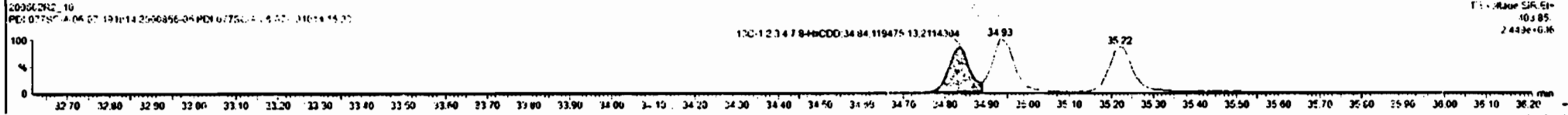
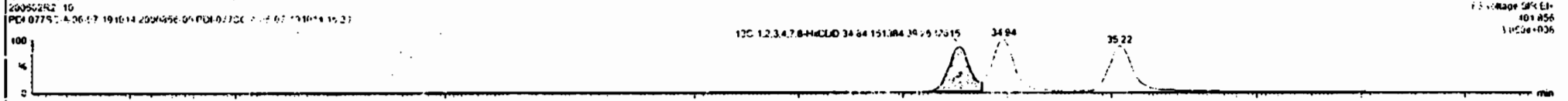
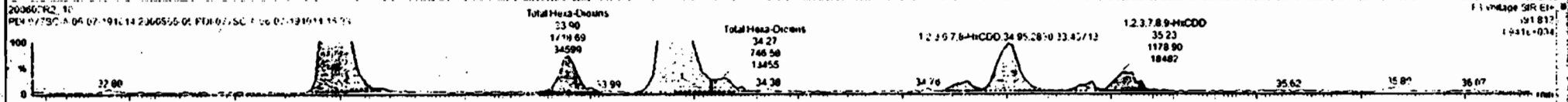
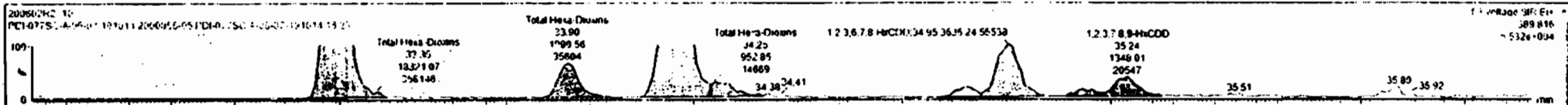
200602R2_10





Flow	Resp	RA	dy	RF	Wval	RT	MT	Comp	RA	DL	EMPC
30	Total Hexa-Dioxins			0.0281	10.041			11.5		0.134	11.7
38	Total Hexa-Dioxins			0.0261	19.647			12.1		0.127	12.9

Flow	RT	amt Resp	amt Resp	RA	dy	RF	Wval	Comp
1	Total Hexa-Dioxins	33.35	1.832e4	1.462e4	1.25	NO	24.797	24.397
2	Total Hexa-Dioxins	33.90	1.991e4	1.718e3	1.18	NO	2.747	2.7472
3	Total Hexa-Dioxins	34.15	1.880e4	1.411e4	1.23	NO	18.824	16.824
4	Total Hexa-Dioxins	34.75	9.520e2	7.886e2	1.28	NO	1.2587	1.2797
5	1,2,3,4,7,8-HxCDD	34.86	5.819e2	4.862e2	1.13	NO	0.71912	0.75913
6	1,2,3,6,7,8-HxCDD	34.96	3.656e3	2.830e3	1.28	NO	4.3214	4.3214
7	Total Hexa-Dioxins	35.16	4.264e2	3.649e2	1.20	NO	0.59154	0.59384
8	1,2,3,7,8-HxCDD	35.24	1.746e3	1.172e3	1.14	NO	1.8861	1.8982



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

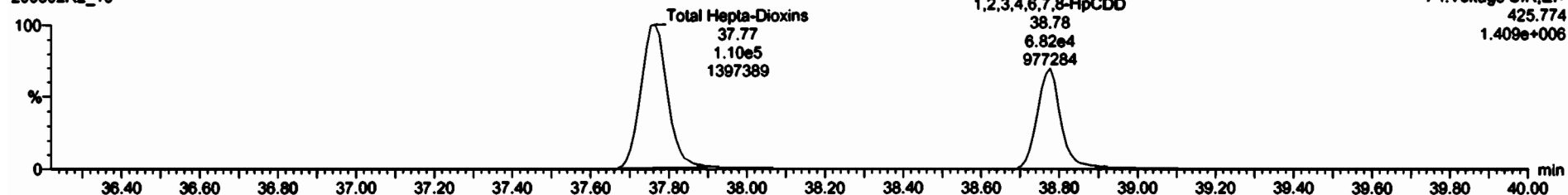
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

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

200602R2_10



200602R2_10

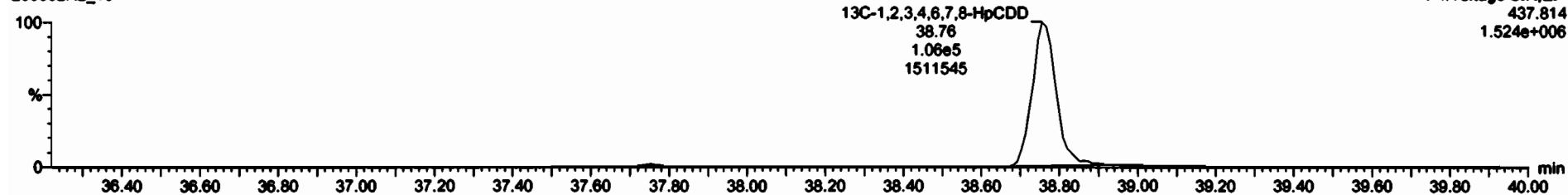


13C-1,2,3,4,6,7,8-HpCDD

200602R2_10



200602R2_10



Dataset: Untitled

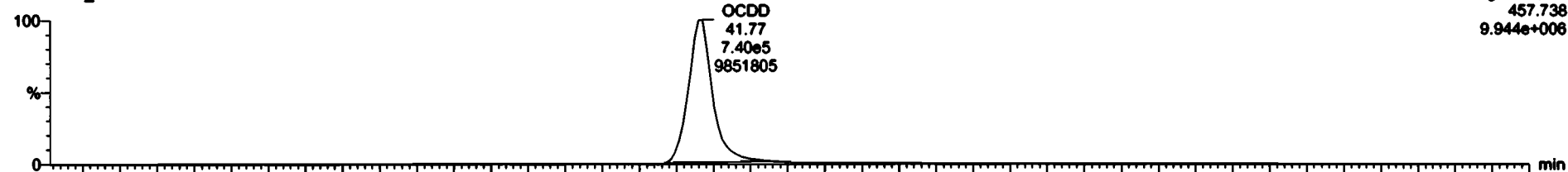
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

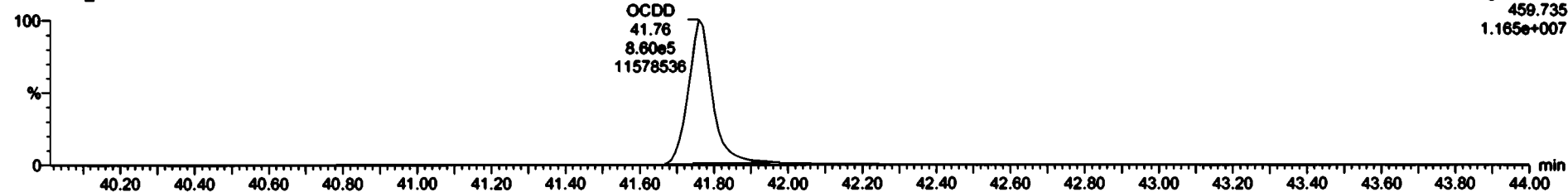
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

OCDD

200602R2_10

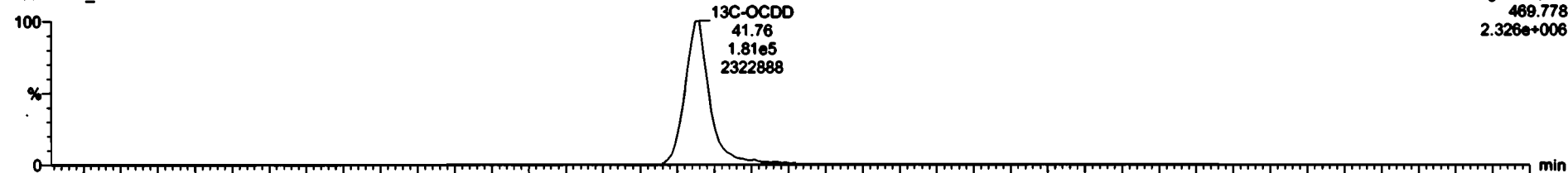


200602R2_10

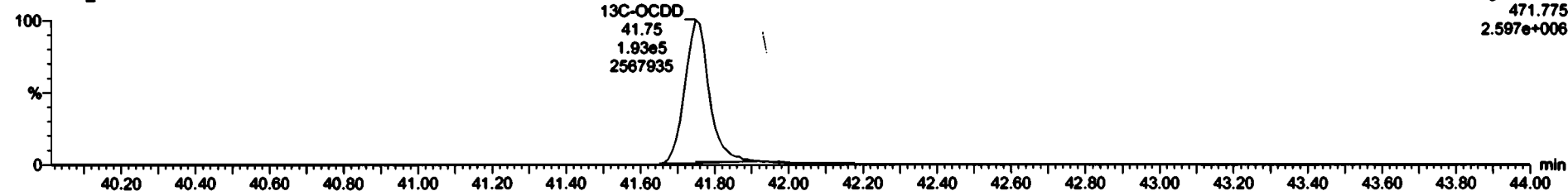


13C-OCDD

200602R2_10



200602R2_10

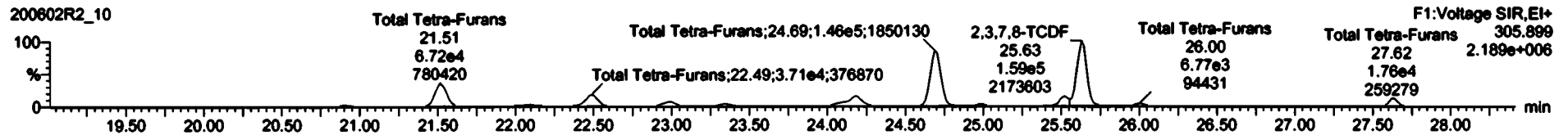
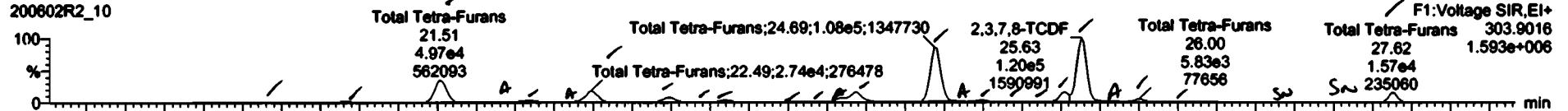


Dataset: Untitled

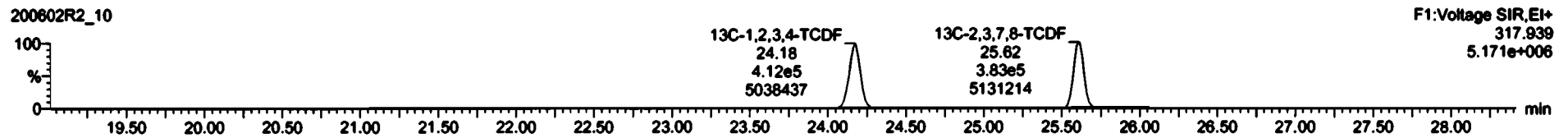
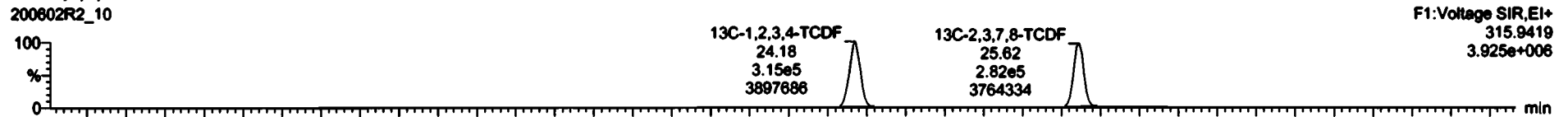
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

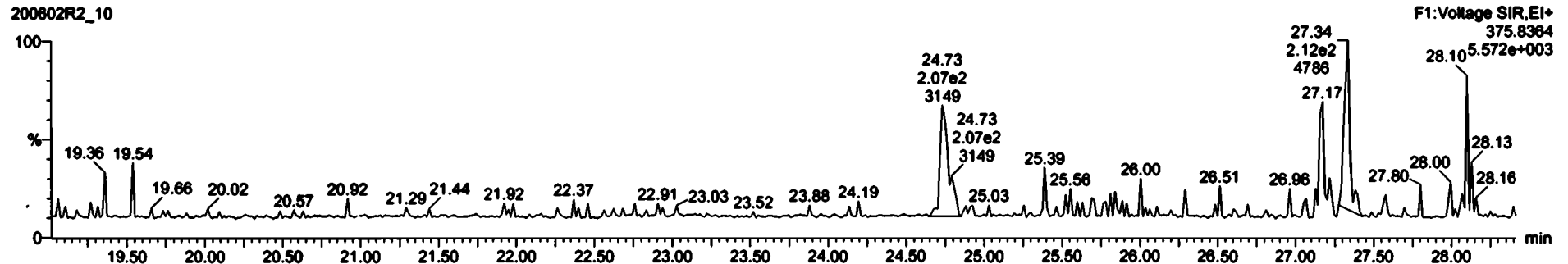
2,3,7,8-TCDF



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



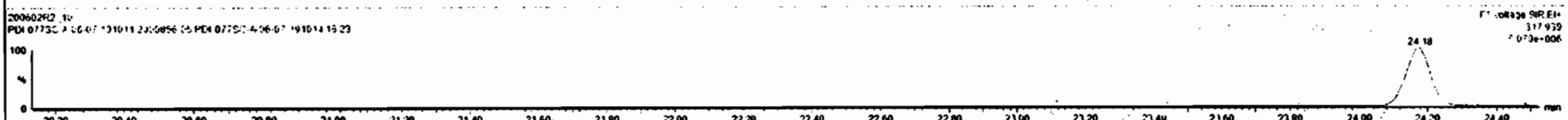
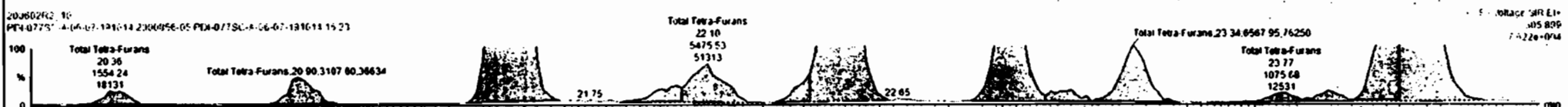
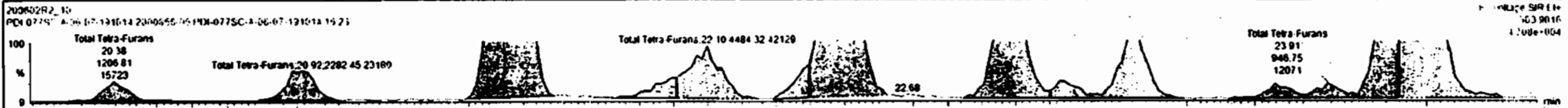
DPE1





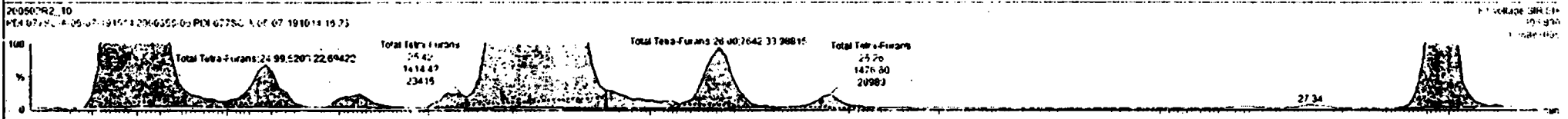
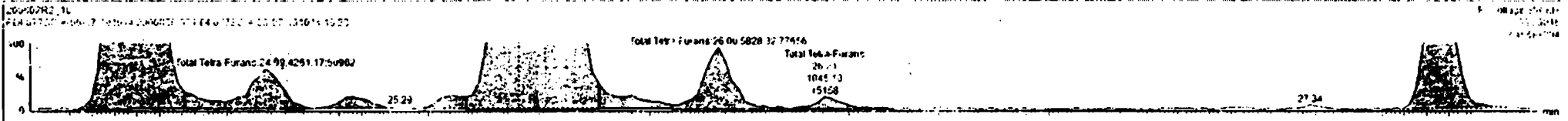
Sample	Name	Resp	RA	dy	RF	ndRF	RT	RTT	Comp	%Rec	DL	EMPC
42	Total Tetra-Furans				0.8536	10.843				376	0.863	376
43	Total Tetra-Furans				0.8536	10.843				376	0.863	376

Sample	Name	RT	ml Resp	nd Resp	RA	dy	EMPC	Comp
1	Total Tetra-Furans	20.38	1.207e3	1.554e3	0.78	ND	1.1808	1.1808
2	Total Tetra-Furans	20.92	2.282e3	3.100e3	0.73	ND	2.1488	2.1488
3	Total Tetra-Furans	21.51	4.970e4	6.722e4	0.74	ND	46.685	46.685
4	Total Tetra-Furans	21.99	1.218e3	1.815e3	0.67	ND	1.2890	1.2890
5	Total Tetra-Furans	22.10	4.484e3	5.476e3	0.82	ND	3.9701	3.9701
6	Total Tetra-Furans	22.40	1.297e2	1.521e3	0.85	ND	1.1234	1.1234
7	Total Tetra-Furans	22.49	2.007e4	3.586e4	0.73	ND	24.605	24.605
8	Total Tetra-Furans	23.00	1.080e4	1.433e4	0.78	ND	10.957	10.957
9	Total Tetra-Furans	23.13	1.038e3	1.390e3	0.75	ND	0.96614	0.96614
10	Total Tetra-Furans	23.35	4.894e3	6.588e3	0.74	ND	4.5529	4.5529
11	Total Tetra-Furans	23.78	9.149e2	1.078e3	0.85	ND	0.78549	0.78549
12	Total Tetra-Furans	23.91	9.487e2	1.067e3	0.87	ND	0.81088	0.81088
13	Total Tetra-Furans	24.09	7.812e3	9.852e3	0.73	ND	8.8425	8.8425
14	Total Tetra-Furans	24.18	2.311e4	3.085e4	0.75	ND	21.551	21.551



Name	Resp	RA	dy	RSD	WPM	WT	WRT	Comp	WRec	U	EMPC
Total Tetra-Furans				0.8536	10.843			376		0.603	376
Total Tetra-Furans				0.8536	10.843			376		0.603	376

Name	WT	WPM	WRT	RA	dy	EMPC	Comp
Total Tetra-Furans	24.18	2.211e4	1.861e4	0.75	873	21.551	21.511
Total Tetra-Furans	24.09	1.942e4	1.478e5	0.74	862	102.46	102.46
Total Tetra-Furans	24.51	1.412e3	1.381e3	0.67	862	0.951e4	0.951e37
Total Tetra-Furans	24.99	4.261e3	5.205e3	0.62	862	1.7727	1.7727
Total Tetra-Furans	25.17	1.121e2	1.527e3	0.67	862	1.1811	1.1811
Total Tetra-Furans	25.41	1.029e2	1.111e3	0.73	862	0.97232	0.7382
Total Tetra-Furans	25.52	1.011e4	2.187e4	0.74	862	15.093	15.388
2,3,7,8-TCDF	25.43	1.150e2	1.819e5	0.74	862	111.76	111.76
Total Tetra-Furans	25.74	2.138e2	2.093e4	0.69	862	1.9118	1.9118
Total Tetra-Furans	26.00	5.828e3	7.642e3	0.78	862	5.3604	5.3606
Total Tetra-Furans	26.24	1.045e3	1.477e3	0.71	862	1.9052	1.9052
Total Tetra-Furans	27.62	1.127e4	1.761e4	0.67	862	13.171	13.173



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

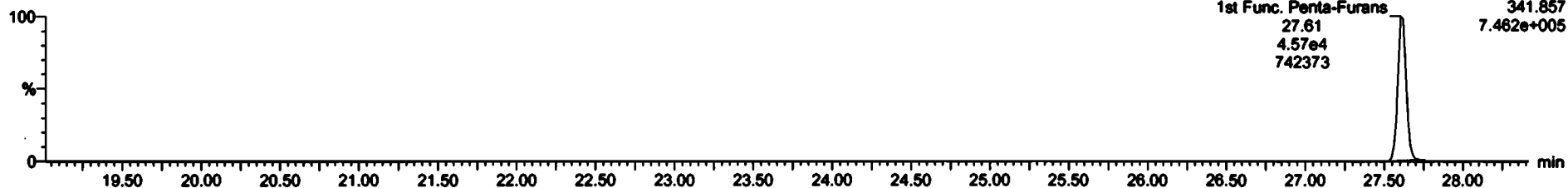
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

1st Func. Penta-Furans

200602R2_10

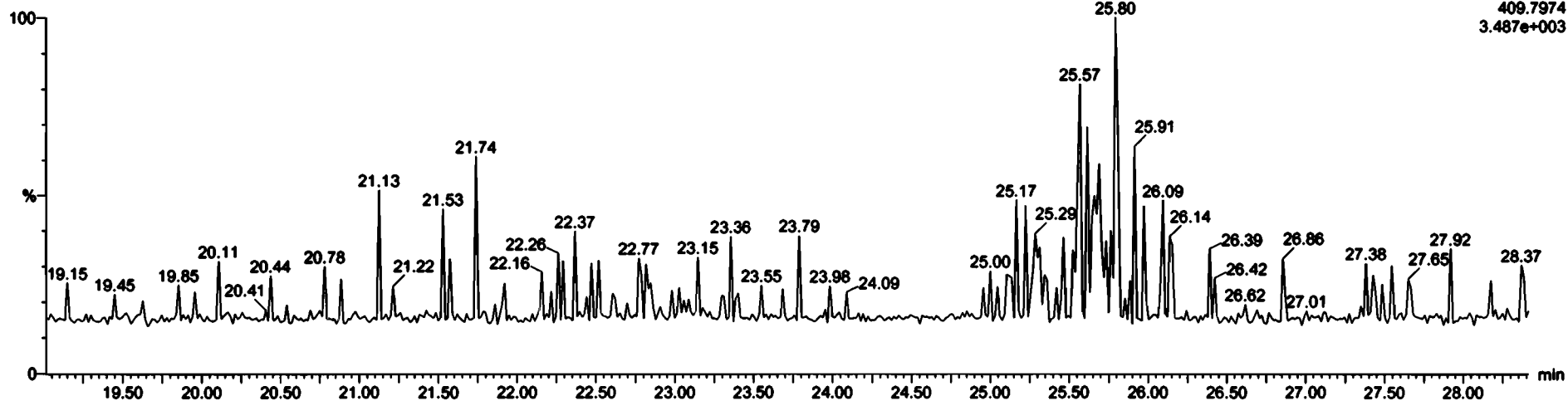


200602R2_10



DPE6

200602R2_10



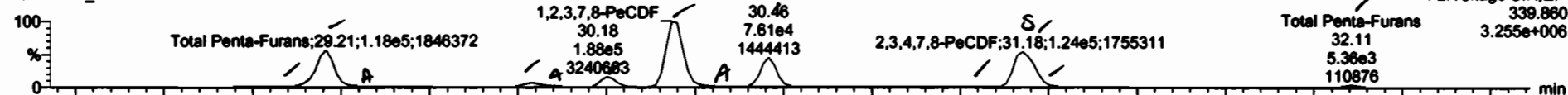
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

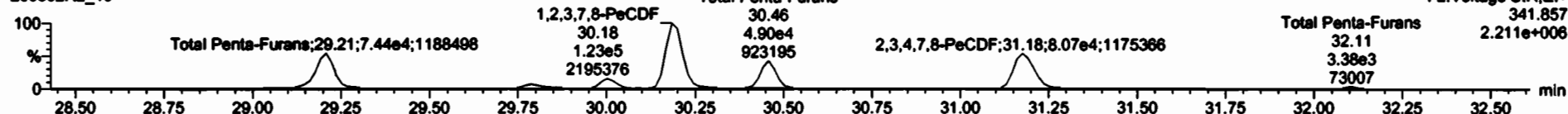
Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

1,2,3,7,8-PeCDF

200602R2_10



200602R2_10

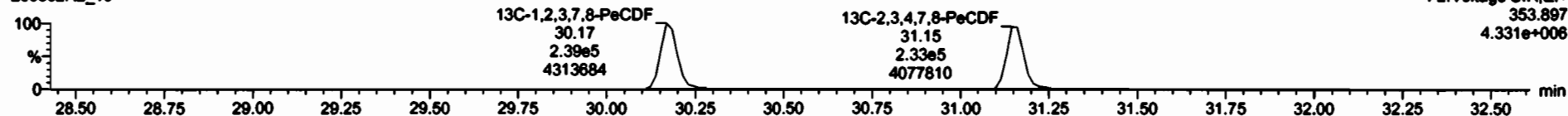


13C-1,2,3,7,8-PeCDF

200602R2_10

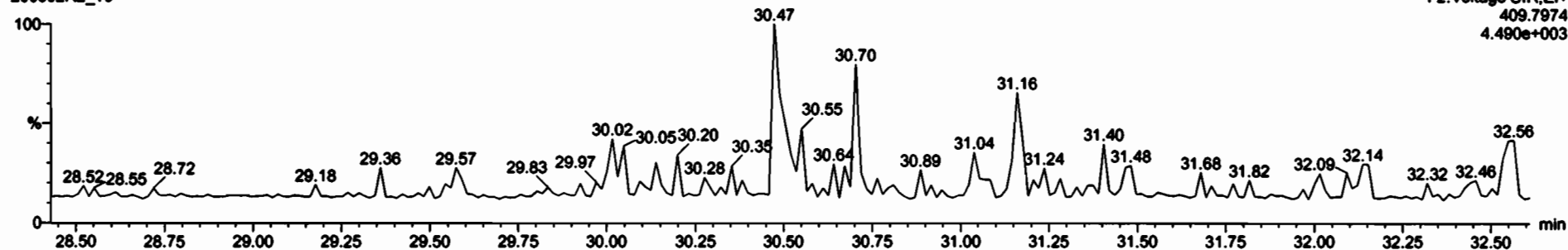


200602R2_10



DPE2

200602R2_10

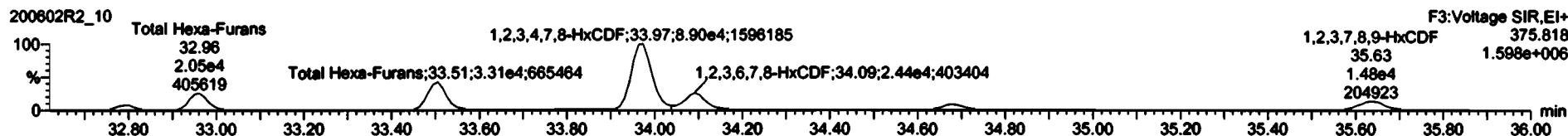
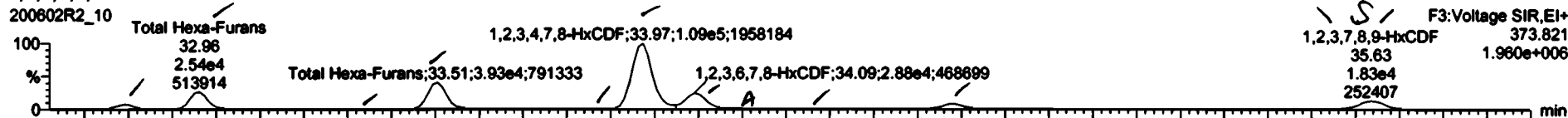


Dataset: Untitled

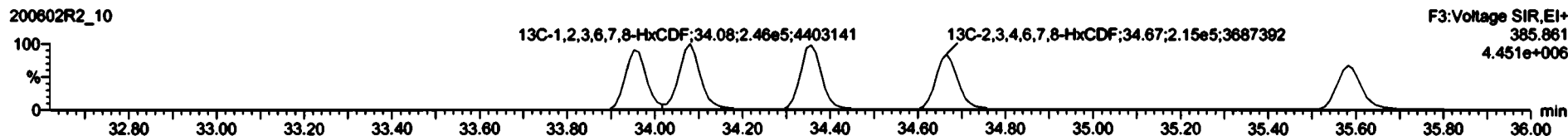
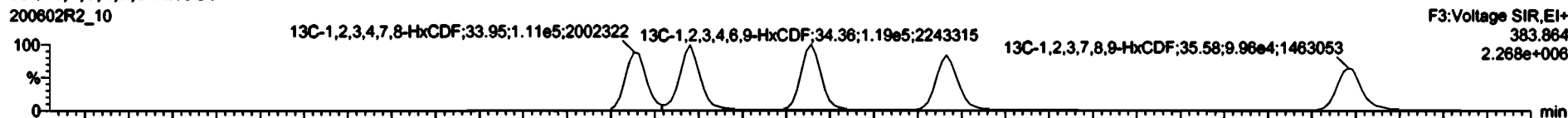
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

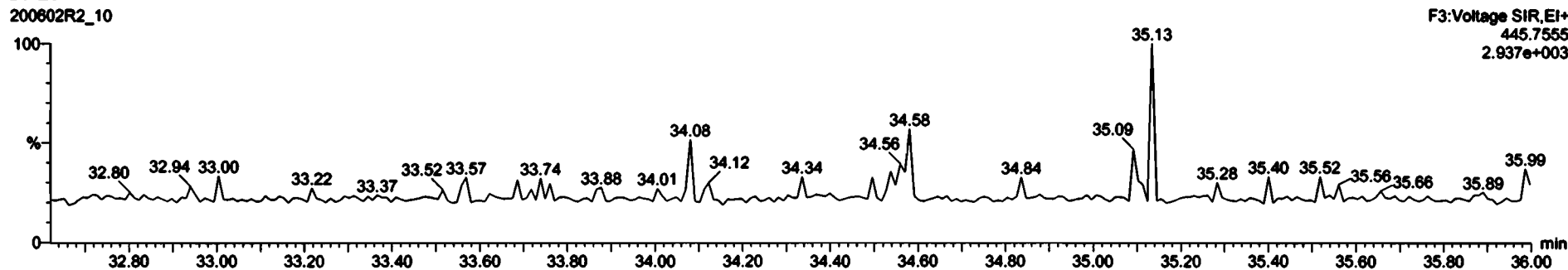
1,2,3,4,7,8-HxCDF



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



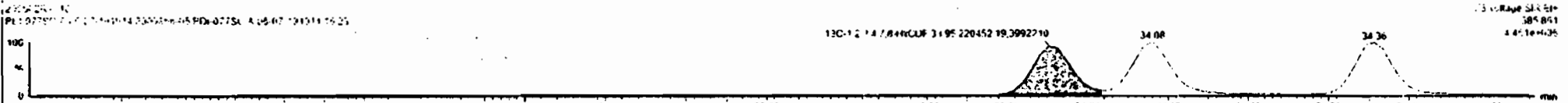
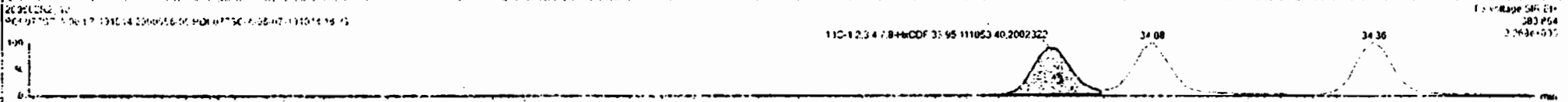
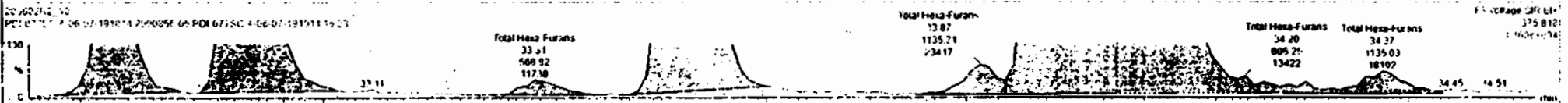
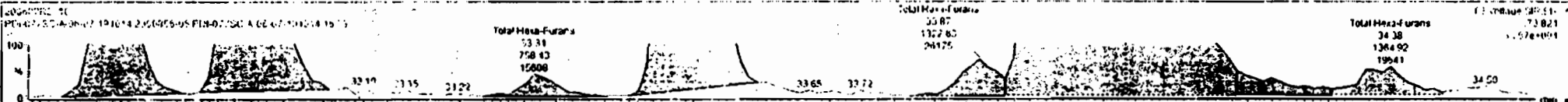
DPE3





Name	Resp	SA	dy	SP	val	HT	QRT	Comp	SAcc	CL	EMPC
Total Hexa-Furans				0.520	10.041					0.425	230
Total Hexa-Furans				0.001	10.000					0.000	200

Name	RT	net Resp	ng Resp	PA	dy	EMPC	Comp
Total Hexa-Furans	32.70	7.331e7	6.010e1	1.32	MC	0.6432	0.6432
Total Hexa-Furans	32.96	2.242e4	2.071e4	1.74	NO	29.029	25.070
Total Hexa-Furans	33.31	7.744e7	5.000e2	1.74	MC	0.5272	0.5272
Total Hexa-Furans	33.51	1.070e4	3.310e4	1.19	NO	40.577	46.577
Total Hexa-Furans	33.87	1.071e3	1.135e3	1.19	NO	14.5	12.777
1,2,3,4,7,8-HxCDF	33.97	1.07e4	8.200e4	1.22	NO	134.15	124.15
1,2,3,6,7,8-HxCDF	34.05	2.75e1	2.301e4	1.19	NO	37.200	21.200
Total Hexa-Furans	34.19	1.00e1	0.000e2	1.19	NO	1.1871	0.00000
Total Hexa-Furans	34.30	1.30e1	1.135e1	1.20	NO	14.125	1.6125
1,2,3,4,7,8-HxCDF	34.68	8.92e1	7.00e1	1.20	NO	10.775	16.750
1,2,3,7,8-HxCDF	35.63	1.00e4	1.40e14	1.22	NO	25.671	25.671

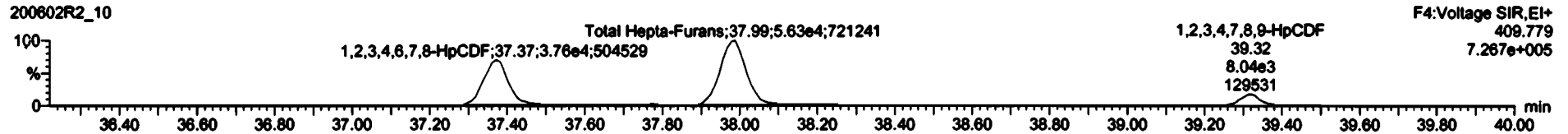
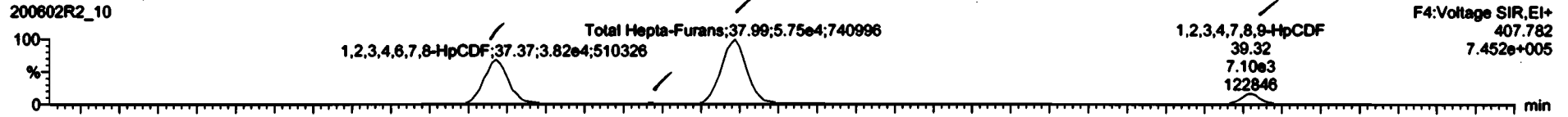


Dataset: Untitled

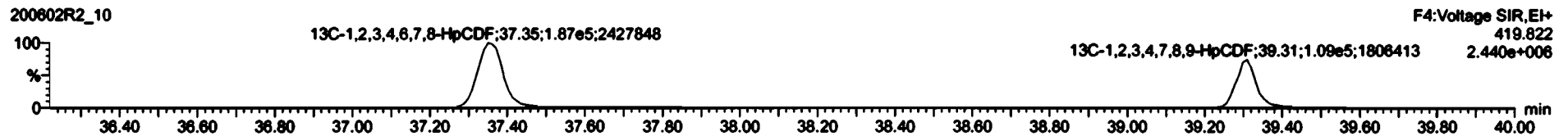
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

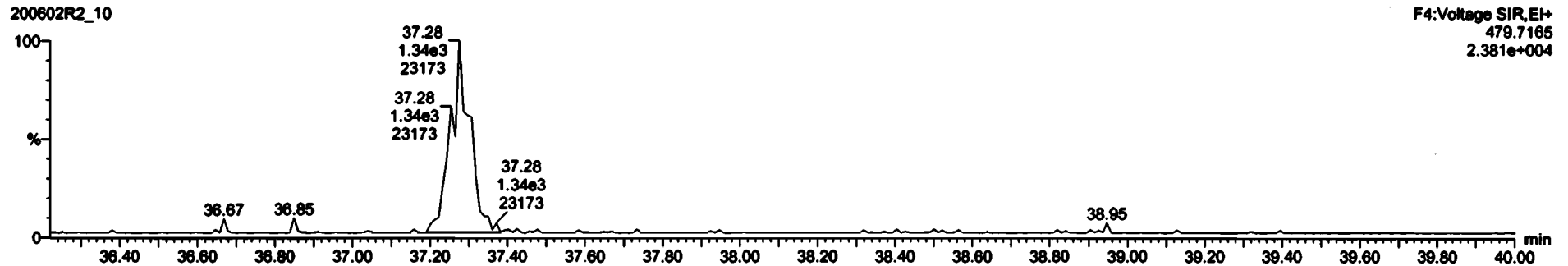
1,2,3,4,6,7,8-HpCDF



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



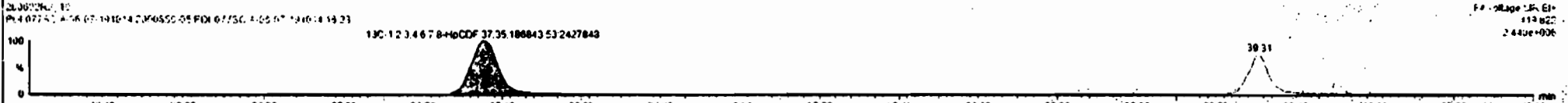
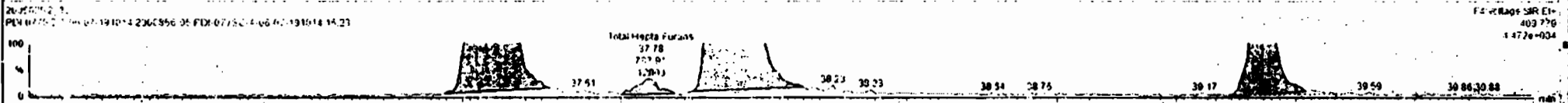
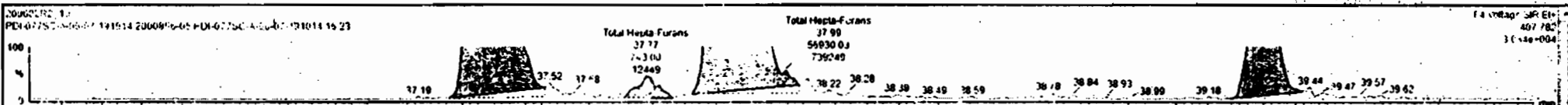
DPE4





Item	Temp	RA	Qty	Comp	Method	RT	RT1	Comp	Method	RT	RT1	Comp
46	Total Hepta-Furans			1.9341	18.647			290				5.430
47	Total Hepta-Furans			0.0000				290				0.0000

Item	RT	Int Area	Int Resp	RA	Qty	Comp	Comp
1	1.23467	3.760e4	3.767e4	1.00	NO	45.070	81.070
2	Total Hepta-Furans	7.430e2	7.670e2	0.94	NO	1.9842	1.6947
3	Total Hepta-Furans	5.630e4	5.630e4	1.01	NO	12.13	123.13
4	1.23470	7.094e3	7.670e3	0.92	NO	18.547	16.147

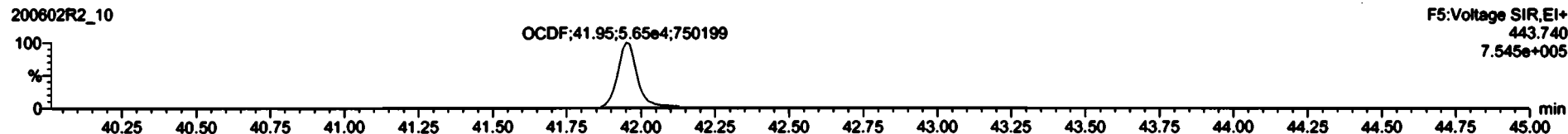
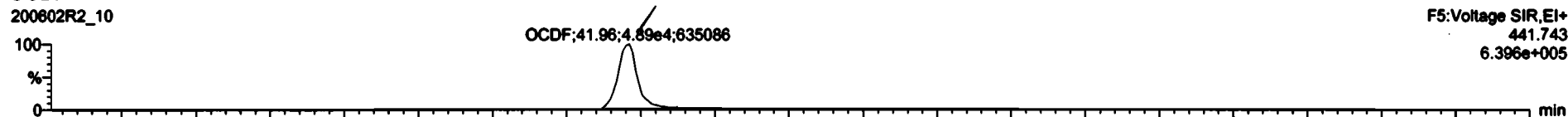


Dataset: Untitled

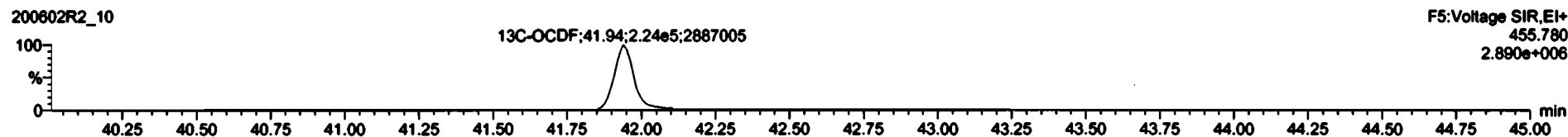
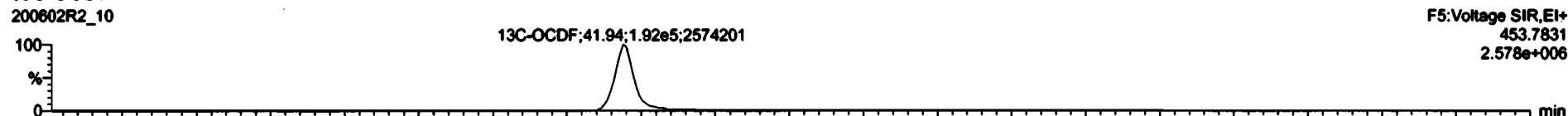
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

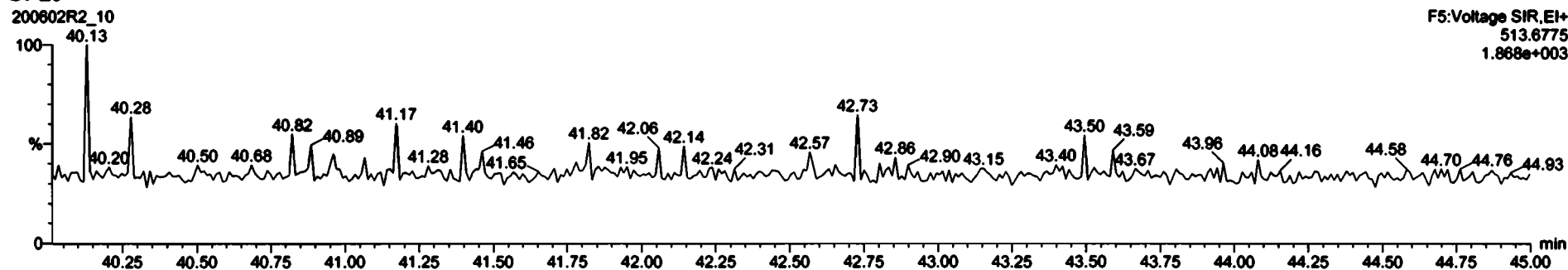
OCDF



13C-OCDF



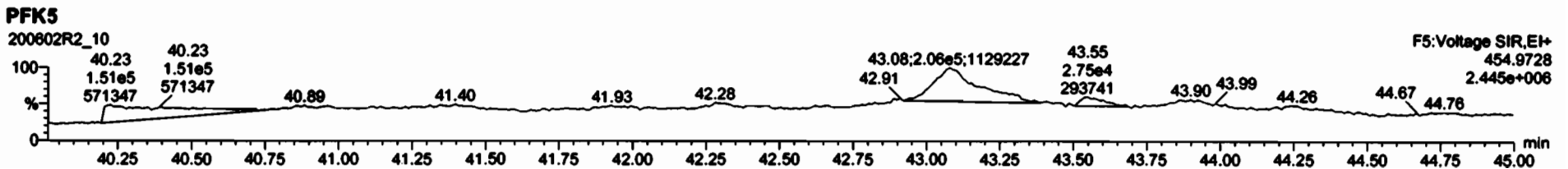
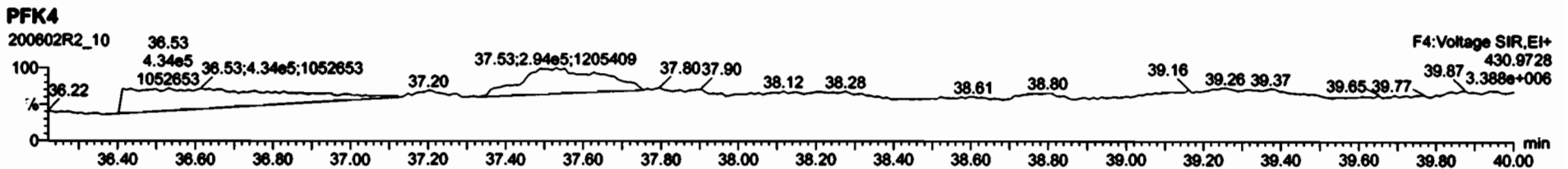
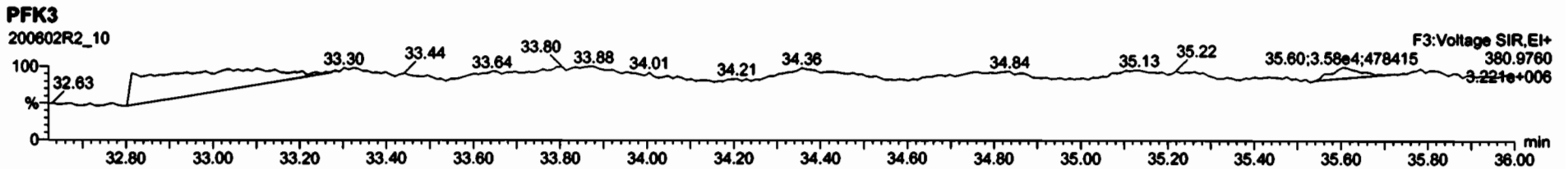
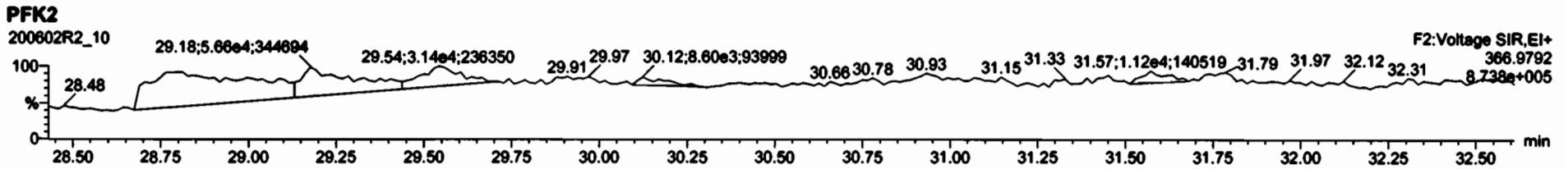
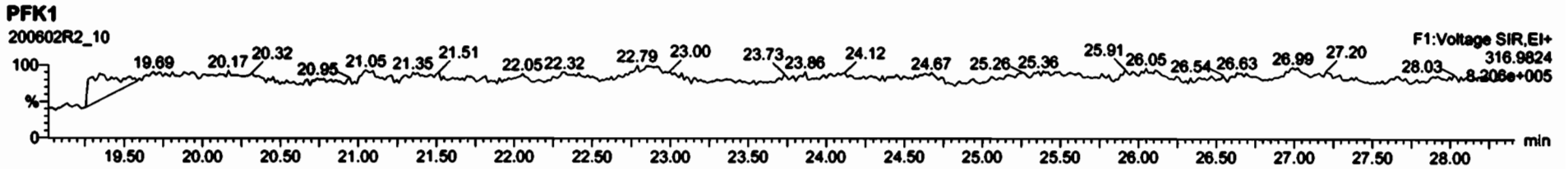
DPE5



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_10, Date: 02-Jun-2020, Time: 22:16:51, ID: 2000856-05 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.08e5	0.42	NO	0.774	10.042	37.319	37.35	1.086	1.087	159.16	79.9	0.650	
33	13C-1,2,3,4,7,8,9-HpCDF	1.51e5	0.41	NO	0.521	10.042	39.349	39.30	1.145	1.144	171.90	86.3	0.966	
34	13C-OCDF	3.51e5	0.84	NO	0.746	10.042	41.946	41.93	1.221	1.220	279.30	70.1	0.703	
35	37Cl-2,3,7,8-TCDD	1.86e5			1.04	10.042	26.569	26.53	1.028	1.026	69.222	86.9	0.130	
36	13C-1,2,3,4-TCDD	5.16e5	0.79	NO	1.00	10.042	25.890	25.85	1.000	1.000	199.16	100	0.259	
37	13C-1,2,3,4-TCDF	6.80e5	0.77	NO	1.00	10.042	24.360	24.18	1.000	1.000	199.16	100	0.451	
38	13C-1,2,3,4,6,9-HxCDF	3.36e5	0.50	NO	1.00	10.042	34.420	34.36	1.000	1.000	199.16	100	0.764	
39	Total Tetra-Dioxins				0.888	10.042	24.620		0.000		22.537		0.133	22.7
40	Total Penta-Dioxins				0.908	10.042	29.960		0.000		20.965		0.126	24.7
41	Total Hexa-Dioxins				0.892	10.042	33.635		0.000		139.58		0.371	140
42	Total Hepta-Dioxins				0.864	10.042	37.640		0.000		1047.2		1.12	1050
43	Total Tetra-Furans				0.751	10.042	23.610		0.000		1199.0		0.357	1200
44	1st Func. Penta-Furans				0.893	10.042	27.580		0.000		72.978		0.0457	73.0
45	Total Penta-Furans				0.893	10.042	29.275		0.000		1312.4		0.498	1310
46	Total Hexa-Furans				0.934	10.042	33.555		0.000		894.63		0.692	898
47	Total Hepta-Furans				0.873	10.042	37.835		0.000		478.95		1.15	479

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45
 Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

Tetra-Dioxins

Retention Time (min)	Area	Height	Area Ratio	Height Ratio	Response	Integration	Integration	Integration	Integration	Integration	Integration
Total Tetra-Dioxins	22.53	1.199e5	1.537e5	1.163e4	1.522e4	0.76	NO	2.685e4	11.939	11.939	0.133
Total Tetra-Dioxins	22.97	2.022e4	2.830e4	1.988e3	2.572e3	0.77	NO	4.560e3	2.0274	2.0274	0.133
Total Tetra-Dioxins	23.46	5.591e3	7.520e3	5.385e2	6.836e2	0.79	NO	1.222e3	0.54338	0.54338	0.133
Total Tetra-Dioxins	24.36	5.490e3	5.847e3	4.202e2	4.987e2	0.84	NO	9.189e2	0.40857	0.40857	0.133
Total Tetra-Dioxins	24.61	1.018e4	1.482e4	9.083e2	1.308e3	0.69	NO	2.217e3	0.98561	0.98561	0.133
Total Tetra-Dioxins	24.70	2.160e3	5.091e3	1.185e2	1.774e2	0.67	NO	0.000e0	0.00000	0.13158	0.133
Total Tetra-Dioxins	24.82	1.355e4	1.832e4	9.587e2	1.358e3	0.71	NO	2.315e3	1.0291	1.0291	0.133
Total Tetra-Dioxins	25.03	5.737e3	7.042e3	3.538e2	5.239e2	0.68	NO	8.777e2	0.39026	0.39026	0.133
Total Tetra-Dioxins	25.30	3.900e3	4.661e3	2.841e2	3.588e2	0.79	NO	6.429e2	0.28586	0.28586	0.133
Total Tetra-Dioxins	25.47	7.767e3	8.758e3	5.494e2	6.749e2	0.81	NO	1.224e3	0.54433	0.54433	0.133
Total Tetra-Dioxins	25.83	8.434e3	6.782e3	5.373e2	6.192e2	0.87	NO	1.156e3	0.51420	0.51420	0.133
Total Tetra-Dioxins	25.99	2.999e3	4.166e3	1.479e2	2.135e2	0.69	NO	3.614e2	0.16067	0.16067	0.133
Total Tetra-Dioxins	26.27	1.882e4	2.566e4	1.607e3	2.080e3	0.77	NO	3.687e3	1.6394	1.6394	0.133
Total Tetra-Dioxins	26.38	3.188e3	3.856e3	2.047e2	2.517e2	0.81	NO	4.564e2	0.20291	0.20291	0.133
2,3,7,8-TCDD	26.53	1.626e4	2.266e4	1.057e3	1.532e3	0.89	NO	2.589e3	1.1511	1.1511	0.133
Total Tetra-Dioxins	26.86	7.634e3	7.423e3	5.099e2	5.826e2	0.88	NO	1.093e3	0.48576	0.48576	0.133
Total Tetra-Dioxins	27.47	4.747e3	4.182e3	2.377e2	2.789e2	0.85	NO	5.166e2	0.22970	0.22970	0.133

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

Penta-Dioxins

	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Penta-Dioxins	29.27	6.971e4	9.735e4	5.140e3	8.281e3	0.62	NO	1.342e4	7.5207	7.5207	0.126	
Total Penta-Dioxins	29.73	2.938e4	3.689e4	1.377e3	2.060e3	0.67	NO	3.437e3	1.9259	1.9259	0.126	
Total Penta-Dioxins	30.23	6.231e4	1.121e5	3.786e3	6.356e3	0.60	NO	1.014e4	5.6830	5.6830	0.126	
Total Penta-Dioxins	30.40	2.451e4	2.969e4	1.149e3	1.850e3	0.62	NO	2.999e3	1.6805	1.6805	0.126	
Total Penta-Dioxins	30.49	1.782e4	2.651e4	1.022e3	1.526e3	0.67	NO	2.549e3	1.4282	1.4282	0.126	
Total Penta-Dioxins	30.72	2.863e4	4.259e4	1.464e3	2.285e3	0.64	NO	0.000e0	0.00000	2.1004	0.126	
Total Penta-Dioxins	30.73	2.074e4	3.159e4	7.893e2	1.107e3	0.71	NO	0.000e0	0.00000	1.0629	0.126	
Total Penta-Dioxins	31.04	1.001e4	1.161e4	4.413e2	7.478e2	0.59	NO	1.189e3	0.66632	0.66632	0.126	
1,2,3,7,8-PeCDD	31.47	1.844e4	2.967e4	9.473e2	1.396e3	0.68	NO	2.343e3	1.3131	1.3131	0.126	
Total Penta-Dioxins	31.56	8.449e3	1.214e4	5.470e2	7.868e2	0.70	NO	1.334e3	0.74739	0.74739	0.126	
Total Penta-Dioxins	31.85	8.776e3	1.457e4	4.149e2	7.839e2	0.53	YES	0.000e0	0.00000	0.60148	0.126	

Hexa-Dioxins

	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Hexa-Dioxins	33.33	8.366e5	7.300e5	4.367e4	3.561e4	1.23	NO	7.927e4	63.399	63.399	0.371	
Total Hexa-Dioxins	33.89	7.560e4	7.157e4	4.031e3	3.620e3	1.11	NO	7.652e3	6.1194	6.1194	0.371	
Total Hexa-Dioxins	34.15	4.824e5	3.985e5	3.315e4	2.707e4	1.22	NO	6.022e4	48.162	48.162	0.371	
Total Hexa-Dioxins	34.26	5.574e4	4.726e4	3.449e3	2.904e3	1.19	NO	6.353e3	5.0809	5.0809	0.371	
1,2,3,4,7,8-HxCDD	34.84	1.936e4	1.876e4	1.095e3	9.838e2	1.11	NO	2.079e3	1.6549	1.6549	0.341	
1,2,3,6,7,8-HxCDD	34.94	1.218e5	8.887e4	7.228e3	5.659e3	1.28	NO	1.289e4	8.9616	8.9616	0.333	
Total Hexa-Dioxins	35.13	3.018e4	2.450e4	1.816e3	1.399e3	1.30	NO	3.214e3	2.5707	2.5707	0.371	
1,2,3,7,8,9-HxCDD	35.22	3.971e4	3.103e4	2.436e3	1.988e3	1.23	NO	4.424e3	3.6129	3.6129	0.395	

Hepta-Dioxins

	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height
Total Hepta-Dioxins	37.76	3.497e6	3.533e6	2.929e5	2.982e5	0.98	NO	5.912e5	656.17	656.17	1.12	
1,2,3,4,6,7,8-HpCDD	38.77	2.583e6	2.548e6	1.799e5	1.723e5	1.04	NO	3.522e5	390.98	390.98	1.12	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

Tetra-Furans

Total Tetra-Furans	20.36	1.066e4	1.341e4	8.149e2	1.143e3	0.71	NO	1.957e3	1.0386	1.0386	0.357
Total Tetra-Furans	20.90	4.708e4	5.948e4	3.636e3	4.856e3	0.75	NO	8.492e3	4.5055	4.5055	0.357
Total Tetra-Furans	21.53	2.241e5	3.149e5	2.040e4	2.832e4	0.72	NO	4.872e4	25.847	25.847	0.357
Total Tetra-Furans	22.04	4.930e4	6.077e4	2.549e3	3.357e3	0.76	NO	5.906e3	3.1335	3.1335	0.357
Total Tetra-Furans	22.10	8.973e4	1.139e5	9.442e3	1.287e4	0.73	NO	2.231e4	11.838	11.838	0.357
Total Tetra-Furans	22.38	4.116e4	5.622e4	1.528e3	1.887e3	0.81	NO	3.418e3	1.8123	1.8123	0.357
Total Tetra-Furans	22.50	6.012e5	8.347e5	5.916e4	8.089e4	0.73	NO	1.401e5	74.308	74.308	0.357
Total Tetra-Furans	23.00	2.537e5	3.406e5	2.432e4	3.315e4	0.73	NO	5.747e4	30.490	30.490	0.357
Total Tetra-Furans	23.16	2.800e4	3.380e4	2.107e3	2.670e3	0.79	NO	4.777e3	2.5345	2.5345	0.357
Total Tetra-Furans	23.37	1.492e5	2.063e5	1.434e4	1.921e4	0.75	NO	3.355e4	17.801	17.801	0.357
Total Tetra-Furans	23.77	2.965e4	3.495e4	2.473e3	3.229e3	0.77	NO	5.703e3	3.0257	3.0257	0.357
Total Tetra-Furans	23.92	1.625e4	2.126e4	1.241e3	1.659e3	0.75	NO	2.900e3	1.5387	1.5387	0.357
Total Tetra-Furans	24.10	1.653e5	2.211e5	1.088e4	1.466e4	0.74	NO	2.554e4	13.550	13.550	0.357
Total Tetra-Furans	24.19	3.416e5	4.911e5	3.227e4	4.484e4	0.72	NO	7.711e4	40.914	40.914	0.357
Total Tetra-Furans	24.70	4.393e6	5.954e6	3.569e5	4.770e5	0.75	NO	8.339e5	442.44	442.44	0.357
Total Tetra-Furans	24.99	1.305e5	1.625e5	9.373e3	1.195e4	0.78	NO	2.132e4	11.312	11.312	0.357
Total Tetra-Furans	25.41	4.547e4	6.275e4	2.981e3	3.761e3	0.79	NO	6.742e3	3.5770	3.5770	0.357
Total Tetra-Furans	25.53	4.084e5	5.509e5	2.602e4	3.584e4	0.73	NO	6.186e4	32.821	32.821	0.357
2,3,7,8-TCDF	25.63	4.462e6	6.083e6	3.236e5	4.363e5	0.74	NO	7.599e5	403.18	403.18	0.357
Total Tetra-Furans	26.00	2.022e5	2.652e5	1.380e4	1.823e4	0.76	NO	3.202e4	16.992	16.992	0.357
Total Tetra-Furans	26.24	2.883e4	4.541e4	2.046e3	3.107e3	0.66	NO	5.153e3	2.7339	2.7339	0.357
Total Tetra-Furans	27.64	6.867e5	8.571e5	4.649e4	5.451e4	0.85	NO	1.010e5	53.590	53.590	0.357

Penta-Furans function 1

1st Func. Penta-Furans	27.62	1.679e6	1.088e6	1.070e5	6.814e4	1.57	NO	1.752e5	72.978	72.978	0.0457
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

Penta-Furans

	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
Total Penta-Furans	29.07	1.614e5	1.039e5	8.698e3	6.308e3	1.38	NO	1.501e4	6.2512	6.2512	0.498
Total Penta-Furans	29.21	6.018e6	4.014e6	3.562e5	2.344e5	1.52	NO	5.906e5	246.05	246.05	0.498
Total Penta-Furans	29.27	4.594e5	2.940e5	1.458e4	1.021e4	1.43	NO	2.479e4	10.328	10.328	0.498
Total Penta-Furans	29.79	2.353e5	1.471e5	1.567e4	9.883e3	1.59	NO	2.555e4	10.644	10.644	0.498
Total Penta-Furans	29.85	1.585e5	1.017e5	8.109e3	5.097e3	1.59	NO	1.321e4	5.5016	5.5016	0.498
Total Penta-Furans	30.00	1.686e6	1.055e6	8.816e4	5.608e4	1.57	NO	1.442e5	60.089	60.089	0.498
1,2,3,7,8-PeCDF	30.20	1.221e7	8.061e6	6.929e5	4.537e5	1.53	NO	1.147e6	467.08	467.08	0.497
Total Penta-Furans	30.26	5.150e5	3.222e5	1.580e4	9.955e3	1.59	NO	2.575e4	10.728	10.728	0.498
Total Penta-Furans	30.46	4.971e6	3.322e6	2.699e5	1.808e5	1.49	NO	4.508e5	187.80	187.80	0.498
Total Penta-Furans	30.95	3.639e4	2.094e4	1.551e3	1.057e3	1.47	NO	0.000e0	0.00000	1.0867	0.498
Total Penta-Furans	31.07	5.800e4	4.464e4	3.027e3	2.160e3	1.40	NO	5.187e3	2.1609	2.1609	0.498
2,3,4,7,8-PeCDF	31.18	6.273e6	4.020e6	2.695e5	1.780e5	1.51	NO	4.474e5	182.11	182.11	0.476
Total Penta-Furans	31.19	5.424e6	3.432e6	1.598e5	9.989e4	1.60	NO	2.597e5	108.18	108.18	0.498
Total Penta-Furans	32.11	4.204e5	2.758e5	2.266e4	1.457e4	1.56	NO	3.723e4	15.510	15.510	0.498

Hexa-Furans

	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
Total Hexa-Furans	32.79	2.422e5	2.011e5	1.186e4	1.000e4	1.19	NO	2.186e4	15.612	15.612	0.692
Total Hexa-Furans	32.95	1.087e6	8.622e5	5.127e4	4.205e4	1.22	NO	9.332e4	66.842	66.842	0.692
Total Hexa-Furans	33.32	2.680e4	2.241e4	1.385e3	1.111e3	1.25	NO	2.496e3	1.7825	1.7825	0.692
Total Hexa-Furans	33.49	1.395e6	1.161e6	6.936e4	5.776e4	1.20	NO	1.271e5	90.778	90.778	0.692
Total Hexa-Furans	33.87	7.488e4	5.986e4	3.505e3	2.894e3	1.21	NO	6.400e3	4.5701	4.5701	0.692
1,2,3,4,7,8-HxCDF	33.96	6.188e6	5.191e6	3.434e5	2.874e5	1.19	NO	6.309e5	464.37	464.37	0.654
1,2,3,6,7,8-HxCDF	34.09	1.496e6	1.270e6	9.339e4	7.749e4	1.21	NO	1.709e5	110.11	110.11	0.606
Total Hexa-Furans	34.20	4.050e4	3.511e4	2.509e3	2.233e3	1.12	NO	0.000e0	0.00000	3.3865	0.692
Total Hexa-Furans	34.38	5.663e4	5.038e4	4.037e3	3.088e3	1.31	NO	7.125e3	5.0878	5.0878	0.692
Total Hexa-Furans	34.49	1.782e4	1.230e4	8.889e2	7.730e2	1.15	NO	1.662e3	1.1867	1.1867	0.692
2,3,4,6,7,8-HxCDF	34.68	4.367e5	3.396e5	2.456e4	2.074e4	1.18	NO	4.530e4	32.908	32.908	0.715
1,2,3,7,8,9-HxCDF	35.63	9.658e5	8.222e5	4.613e4	3.909e4	1.18	NO	8.522e4	78.830	78.830	0.984
Total Hexa-Furans	35.65	7.971e5	6.280e5	1.782e4	1.406e4	1.27	NO	3.187e4	22.762	22.762	0.692

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-9.qld

Last Altered: Wednesday, June 03, 2020 2:48:15 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 2:48:42 PM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

Hepta-Furans

Compound	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height
1,2,3,4,6,7,8-HpCDF	37.36	7.336e5	7.255e5	5.422e4	5.411e4	1.00	NO	1.083e5	118.75	118.75	1.10	
Total Hepta-Furans	37.76	2.180e4	2.568e4	1.738e3	1.929e3	0.90	NO	3.667e3	4.6568	4.6568	1.15	
Total Hepta-Furans	37.99	1.376e6	1.387e6	1.147e5	1.162e5	0.99	NO	2.309e5	293.21	293.21	1.15	
1,2,3,4,7,8,9-HpCDF	39.31	4.014e5	3.892e5	2.384e4	2.407e4	0.99	NO	4.791e4	62.339	62.339	1.05	

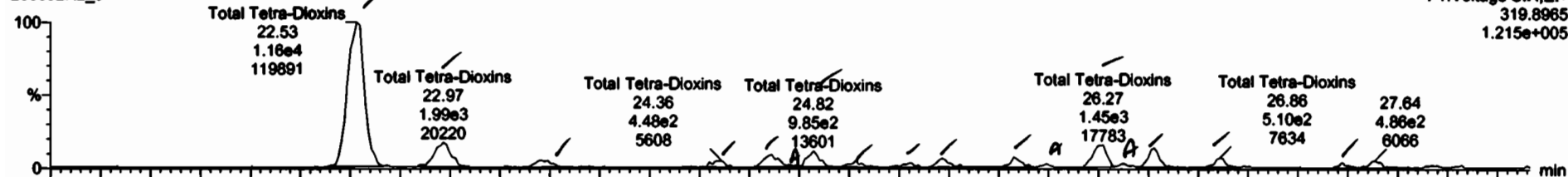
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

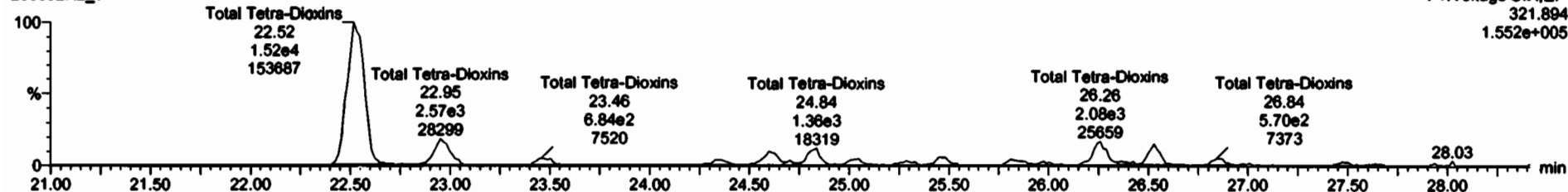
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

2,3,7,8-TCDD

200602R2_9



200602R2_9

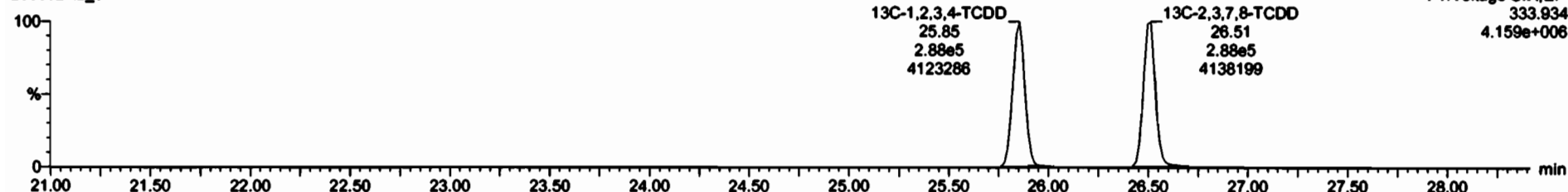


13C-2,3,7,8-TCDD

200602R2_9

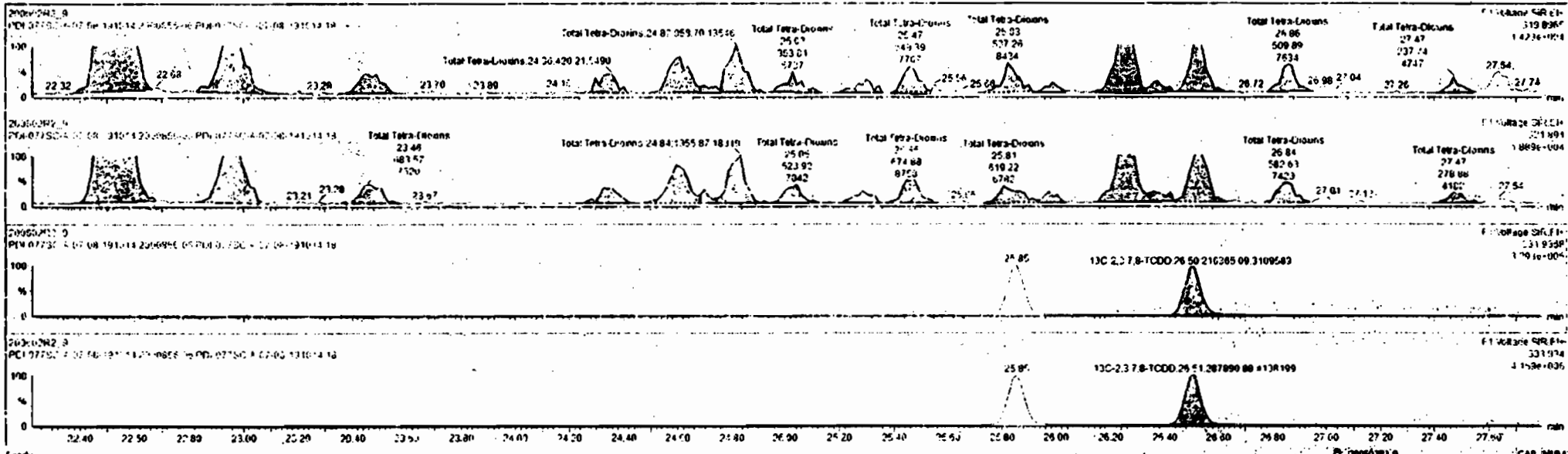


200602R2_9



Area	Comp	Run	avg	std	std	PT	RTI	Cl. Ac	Temp	IL	EMPC
20	Total Tetra-Dioxins									0.13	0.07
21	Total Tetra-Cloans									0.126	0.067

Area	RE	std	std	std	std	std	std	std	std	std	std
1	Total Tetra-Dioxins	22.52	1.1284	1.5204	0.75	NO	11.919	1.919			
2	Total Tetra-Cloans	22.27	1.0621	2.1729	0.77	NO	1.0274	2.3274			
3	Total Tetra-Dioxins	23.46	1.2842	0.8362	0.79	NO	0.4434	0.4434			
4	Total Tetra-Cloans	24.46	1.2927	4.5162	0.64	NO	0.4087	4.4867			
5	Total Tetra-Dioxins	24.11	1.2627	1.7463	0.65	NO	0.5801	0.5801			
6	Total Tetra-Cloans	24.73	1.1854	1.7747	0.67	NO	0.1318	1.6995			
7	Total Tetra-Dioxins	24.67	1.2772	1.5563	0.71	NO	1.0281	1.0281			
8	Total Tetra-Cloans	25.05	1.1261	1.2.862	0.67	NO	1.2668	0.2827			
9	Total Tetra-Dioxins	25.70	1.2814	1.6382	0.69	NO	0.2708	0.7946			
10	Total Tetra-Cloans	25.47	1.1842	0.7562	0.61	NO	0.4483	0.5483			
11	Total Tetra-Dioxins	25.82	1.2742	0.1627	0.67	NO	0.1128	0.1128			
12	Total Tetra-Cloans	25.98	1.4762	2.1362	0.68	NO	0.1967	0.1867			
13	Total Tetra-Dioxins	26.77	1.8763	2.1272	0.77	NO	1.5777	1.4777			
14	Total Tetra-Cloans	26.38	1.0462	2.1172	0.61	NO	1.0281	0.7946			
15	2,3,7,8-TCDF	26.52	1.0743	1.5273	0.66	NO	1.1511	1.1511			
16	Total Tetra-Dioxins	26.88	1.0862	0.6262	0.62	NO	0.4074	0.4074			
17	Total Tetra-Cloans	27.47	1.1762	2.1062	0.62	NO	0.7678	0.2298			



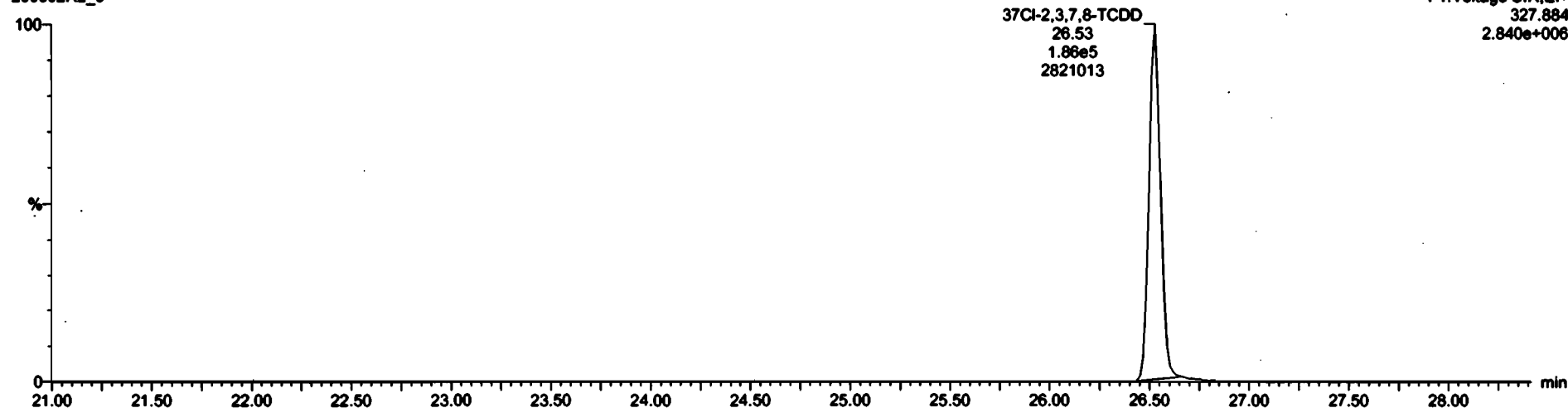
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

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

200602R2_9

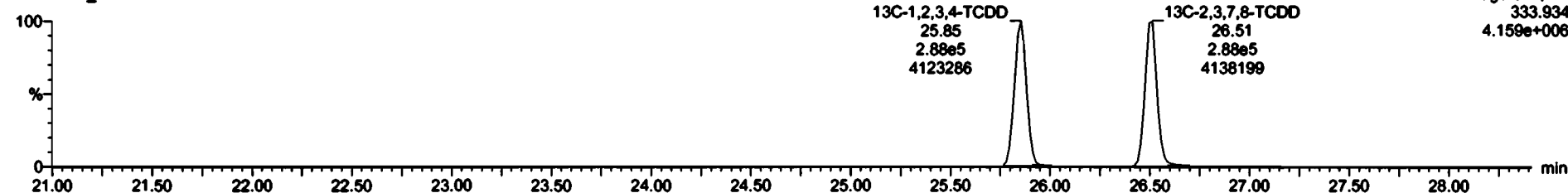


13C-1,2,3,4-TCDD

200602R2_9



200602R2_9



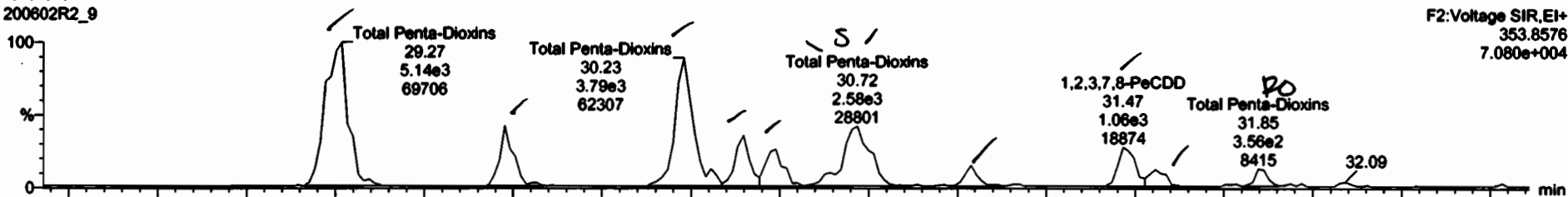
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

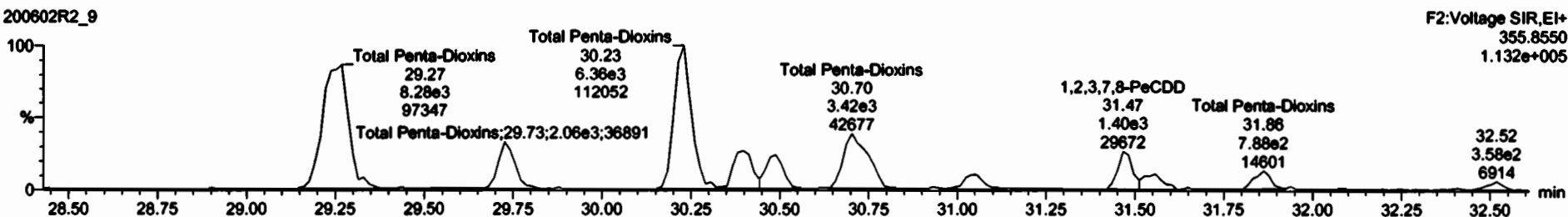
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

1,2,3,7,8-PeCDD

200602R2_9



200602R2_9

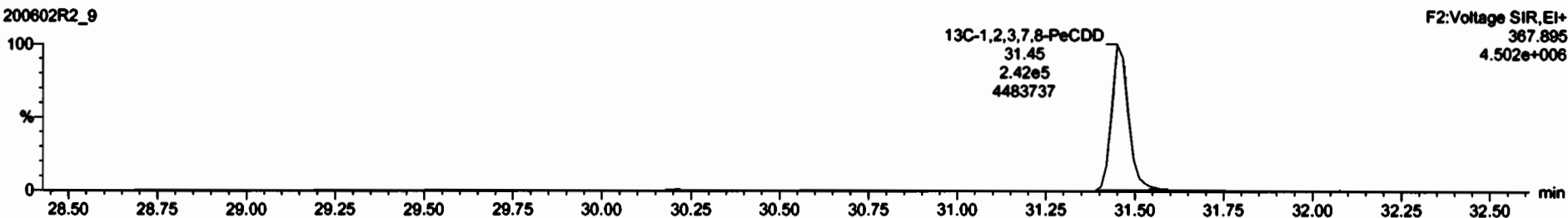


13C-1,2,3,7,8-PeCDD

200602R2_9



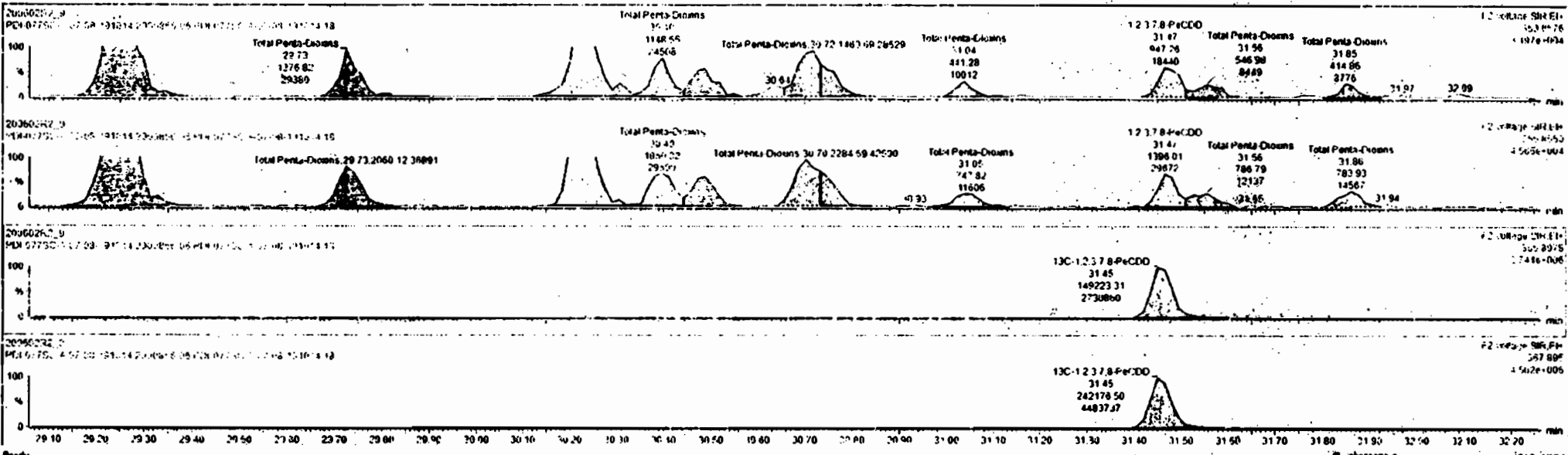
200602R2_9





Name	Resp	RA	Qty	Qty	Unit	OT	MT	Comp	Value	Q	Temp
Total Penta-Chloro					0.0003	10.042			22.5		5.173
Total Penta-Chloro											5.173

Name	Res	RA	Qty	Qty	Unit	OT	MT	Comp	Value	Q	Temp
1 Total Penta-Chloro	29.73	1.140E1	2.701E3	0.62	NO				7.5207		1.2587
2 Total Penta-Chloro	29.73	1.177E1	2.097E3	0.67	NO				1.8258		1.9259
3 Total Penta-Chloro	30.73	1.168E1	6.356E3	0.60	NO				5.0430		5.9030
4 Total Penta-Chloro	30.40	1.149E1	1.870E3	0.50	NO				1.6225		1.6007
5 Total Penta-Chloro	30.49	1.070E1	1.556E3	0.67	NO				1.7802		1.4272
6 Total Penta-Chloro	30.72	1.464E1	2.785E3	0.24	NO				2.1904		0.0000
7 Total Penta-Chloro	30.73	1.053E1	1.101E3	0.71	NO				1.0620		0.0000
8 Total Penta-Chloro	31.44	4.413E1	7.776E2	0.49	NO				0.9912		0.0510
9 1,2,3,4,6-PeCDD	31.47	9.473E1	1.396E2	0.08	NO				1.3121		1.9131
10 Total Penta-Chloro	31.56	5.470E1	7.368E2	0.70	NO				0.7439		6.7430
11 Total Penta-Chloro	31.85	4.149E1	7.239E2	0.63	VEC				0.6014		0.0000



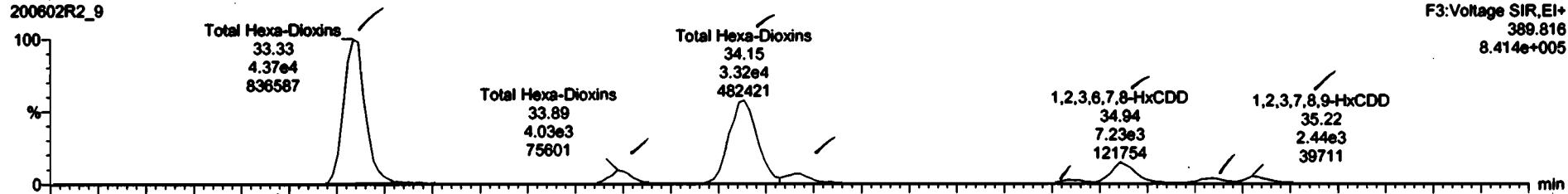
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

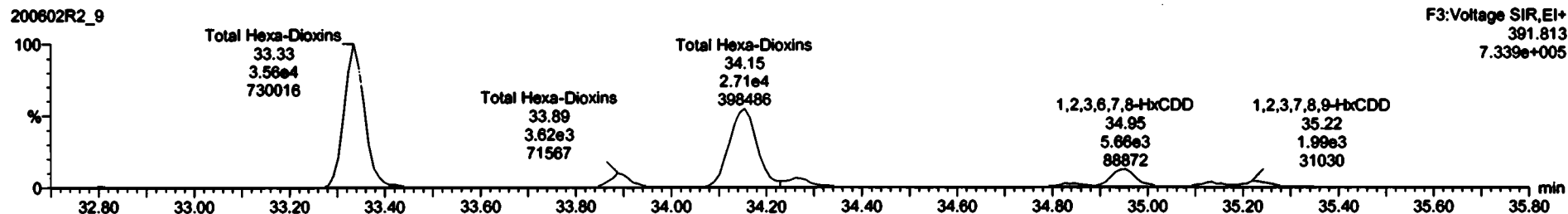
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

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

200602R2_9



200602R2_9

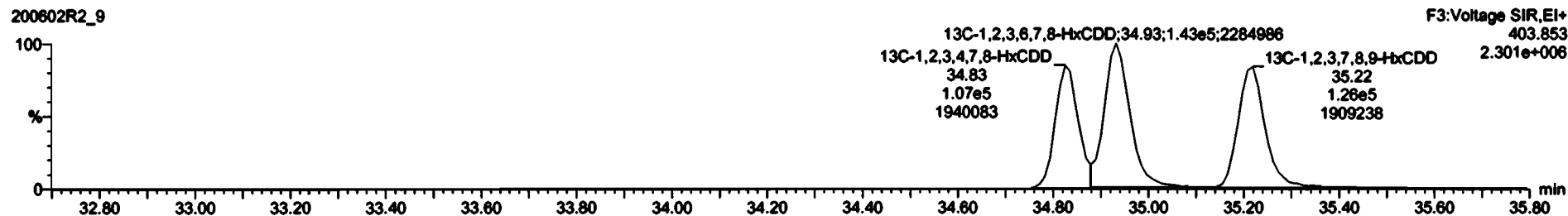


13C-1,2,3,4,7,8-HxCDD

200602R2_9



200602R2_9



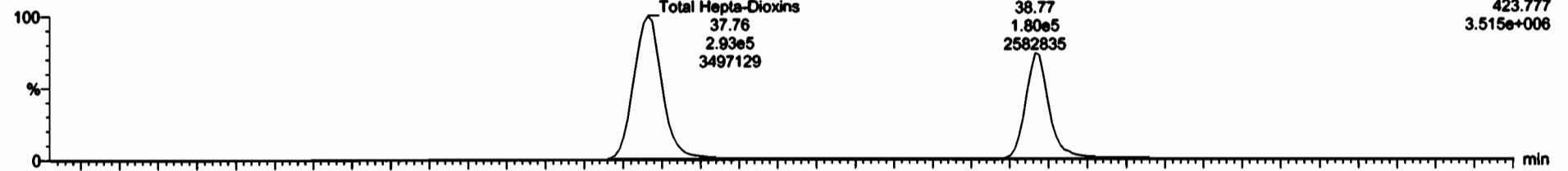
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

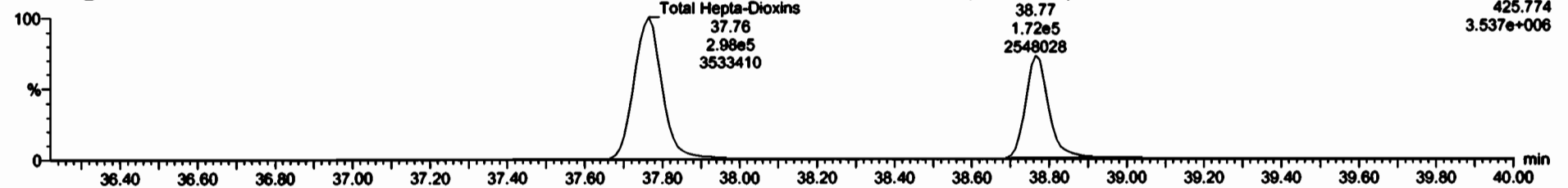
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

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

200602R2_9

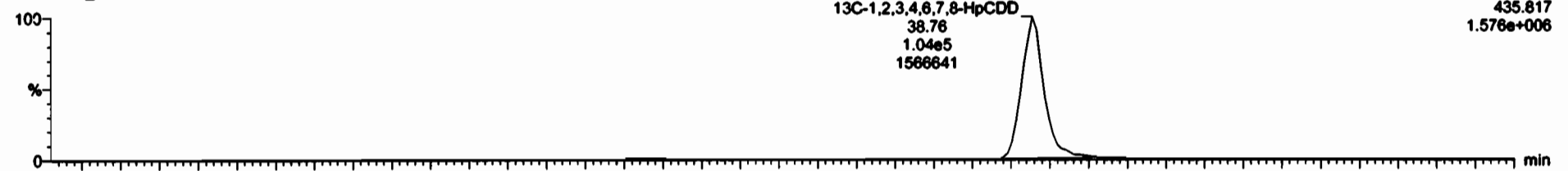


200602R2_9

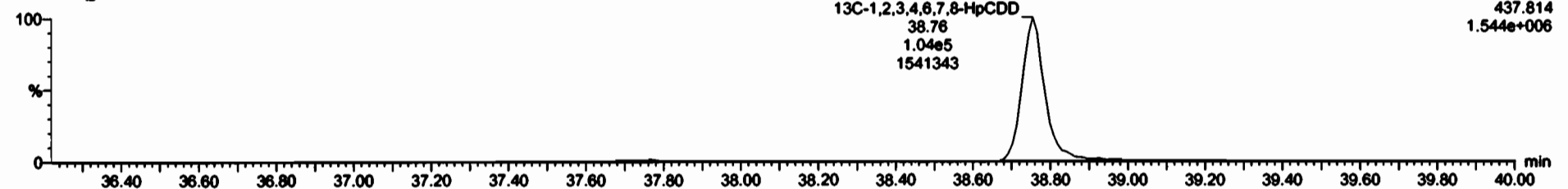


13C-1,2,3,4,6,7,8-HpCDD

200602R2_9



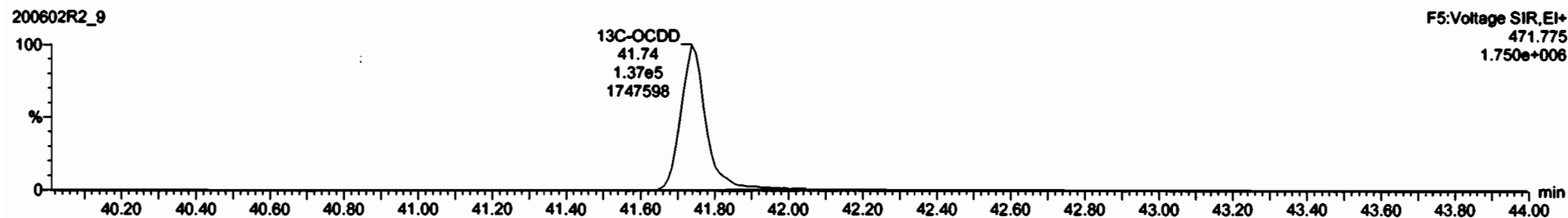
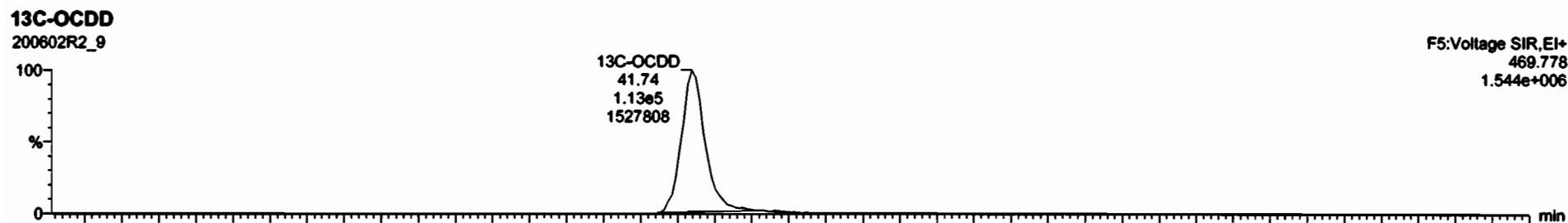
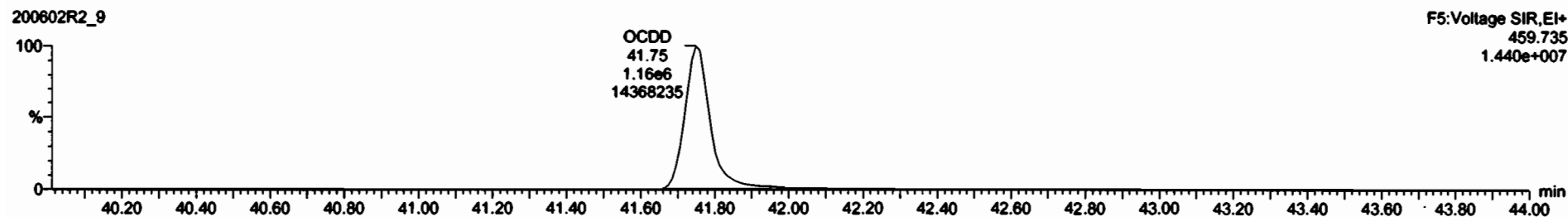
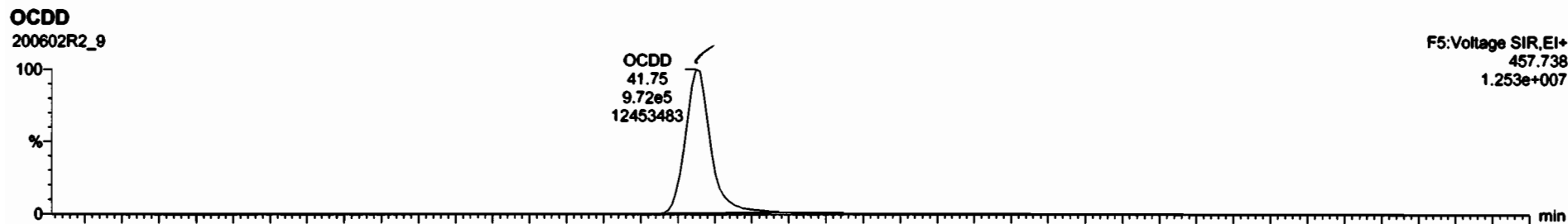
200602R2_9



Dataset: Untitled

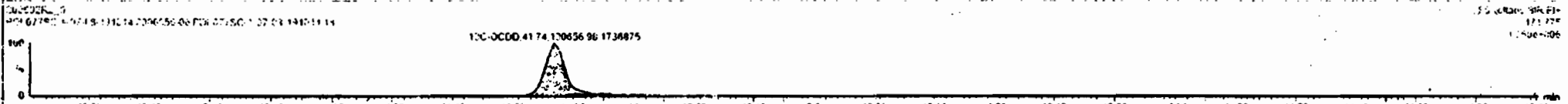
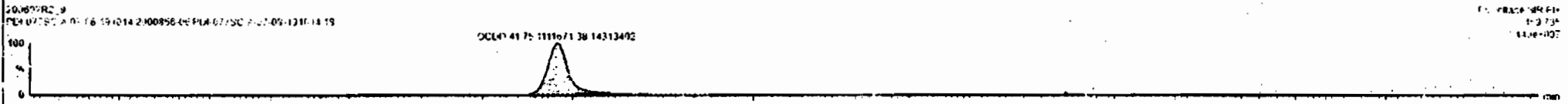
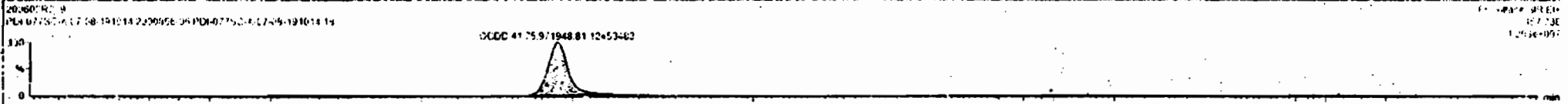
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014



Line	Name	Comp	Alt	Qty	Unit	RT	MT	Comp	Units	IL	EMPC
7	OCDD	2.75	NO	ALPH	10.00	4.75	1.000	1.000		0.50	100
8	1.17.1 CD	7.50	NO	B.75	10.00	25.03	1.00	1.00		0.35	100

Line	Name	RT	Alt Name	Alt Name	Alt Name	Alt Name	Alt Name	Alt Name
1								



Custom Reporting: Select reports to generate

20000856

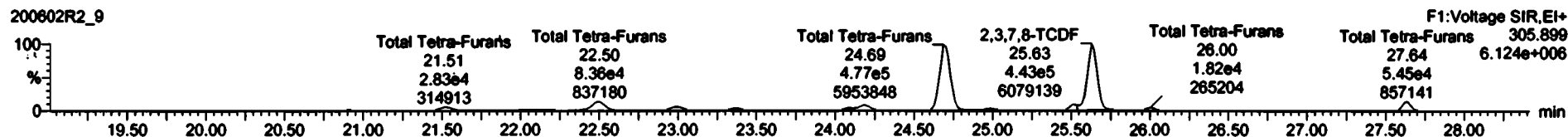
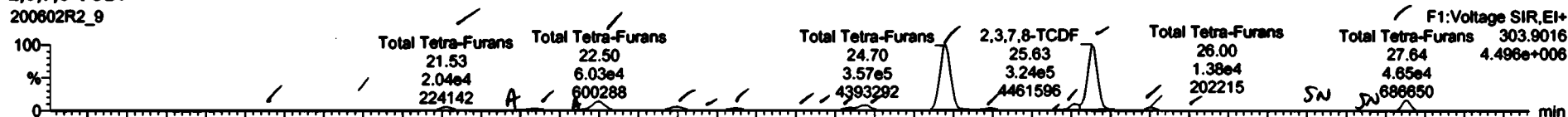
CAP NUM

Dataset: Untitled

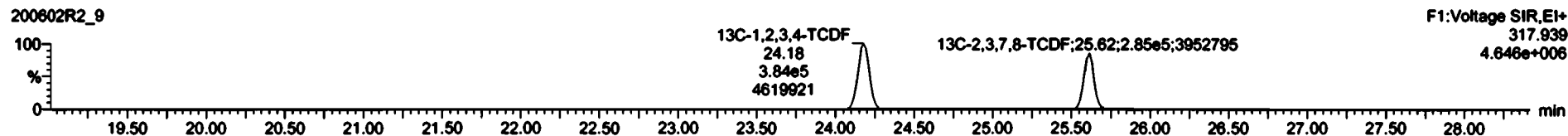
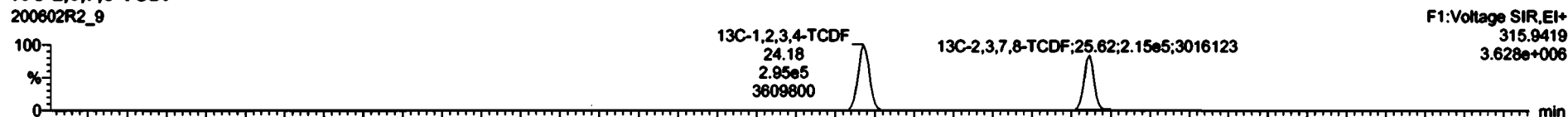
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

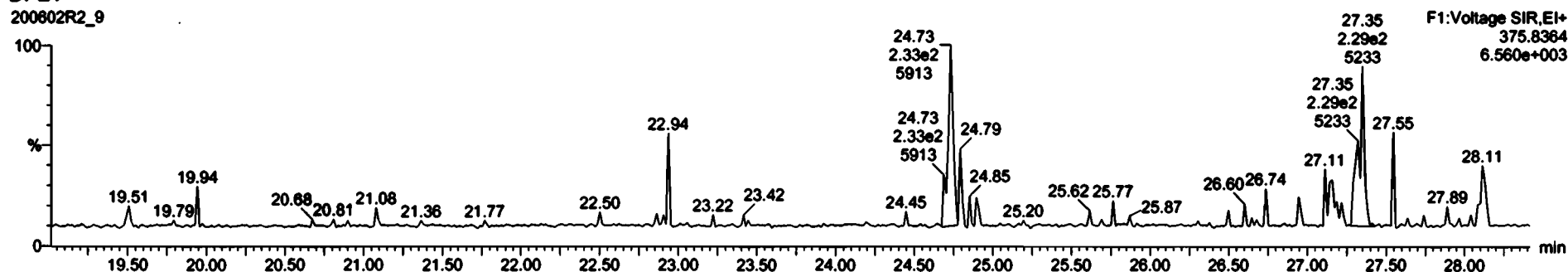
2,3,7,8-TCDF



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



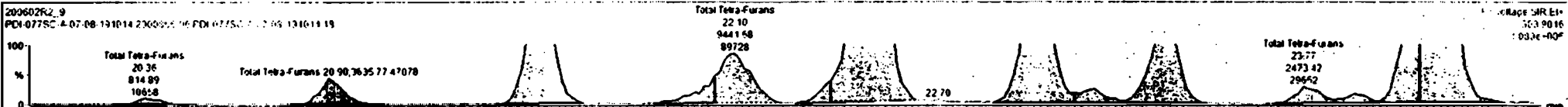
DPE1

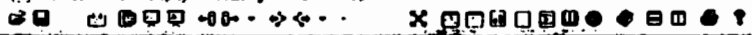




Sample	Resp	RA	dy	REP	100%	RT	RET	Comp	%Rec	DL	EMPC
2	Total Tetra-Furans			0.0535	10.042			1050	1.12	1050	
3	Total Tetra-Furans			0.1700						0.307	1300

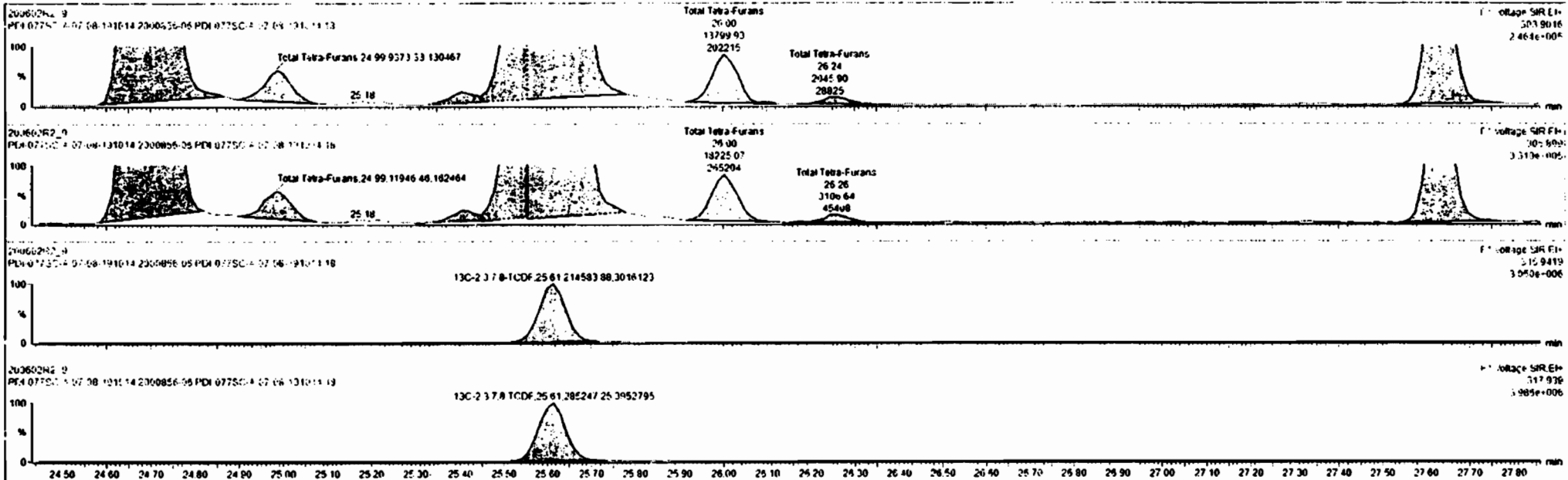
Peak	RT	net Resp	net Resp	RA	dy	EMPC	Comp
1	20.36	8.14e2	1.143e3	0.71	NO	1.0306	1.0306
2	20.90	3.67e2	4.05e2	0.75	NO	4.5055	4.5055
3	21.53	2.06e4	2.832e4	0.72	NO	26.047	26.047
4	22.04	1.49e3	3.357e3	0.76	NO	3.1335	3.1335
5	22.10	9.44e3	1.767e4	0.77	NO	11.638	11.638
6	22.38	1.52e2	1.027e3	0.81	NO	1.8123	1.8123
7	22.50	5.91e4	6.00e4	0.73	NO	74.308	74.308
8	23.00	2.42e4	3.315e4	0.72	NO	30.490	30.490
9	23.16	2.107e2	2.670e3	0.79	NO	2.5345	2.5345
10	23.27	1.83e4	1.921e4	0.75	NO	17.801	17.801
11	23.77	2.473e3	3.220e3	0.77	NO	3.0257	3.0257
12	23.92	1.241e3	1.050e3	0.75	NO	1.5307	1.5307
13	24.10	1.082e4	1.405e4	0.74	NO	13.550	0.00000
14	24.19	3.27e4	4.404e4	0.73	NO	40.914	40.914





Name	Range	RA	Qty	PPF	Method	RT	RRT	Comp.	%Rec	OL	EMPC
42 Total Hepta-Furans				0.0635	10.042			1050	1.12	1050	
43 Total Tetra-Furans				0.1799	30.492			2.317	6.387	2.317	

Name	RT	MS Range	MS Range	RA	Qty	EMPC	Comp.
9 Total Tetra-Furans	23.16	2.107e3	2.870e3	0.79	NO	2.1345	2.5342
10 Total Tetra-Furans	23.27	1.436e4	1.921e4	0.75	NO	17.801	17.801
11 Total Tetra-Furans	23.77	2.473e3	3.229e3	0.77	NO	3.8257	3.8257
12 Total Tetra-Furans	23.92	1.241e3	1.653e3	0.75	NO	1.5387	1.5387
13 Total Tetra-Furans	24.10	1.308e4	1.466e4	0.74	NO	13.550	13.550
14 Total Tetra-Furans	24.19	3.227e4	4.434e4	0.72	NO	40.914	40.914
15 Total Tetra-Furans	24.70	3.580e5	4.770e5	0.75	NO	442.44	442.44
16 Total Tetra-Furans	24.90	9.373e3	1.195e4	0.68	NO	11.312	11.312
17 Total Tetra-Furans	25.41	2.981e3	3.781e3	0.79	NO	3.5710	3.5710
18 Total Tetra-Furans	25.53	2.062e4	3.584e4	0.73	NO	32.821	32.821
19 2,3,7,8-TCDF	25.63	3.230e5	4.363e5	0.74	NO	403.18	402.18
20 Total Tetra-Furans	26.00	1.300e4	1.823e4	0.78	NO	16.992	16.962
21 Total Tetra-Furans	26.24	2.048e3	3.107e3	0.86	NO	2.7119	2.7119
22 Total Tetra-Furans	27.64	4.640e4	5.421e4	0.65	NO	43.560	43.590



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

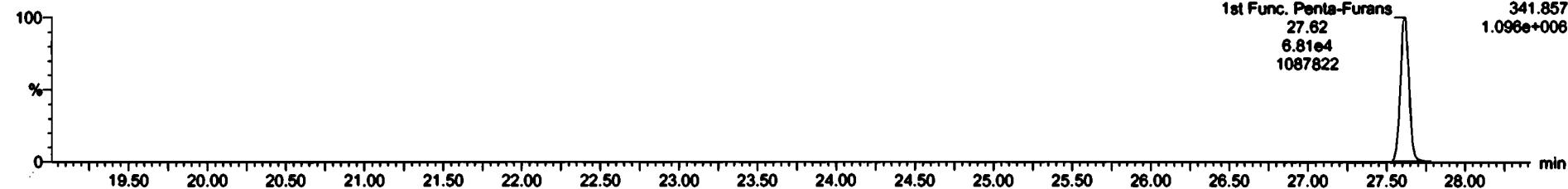
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

1st Func. Penta-Furans

200602R2_9

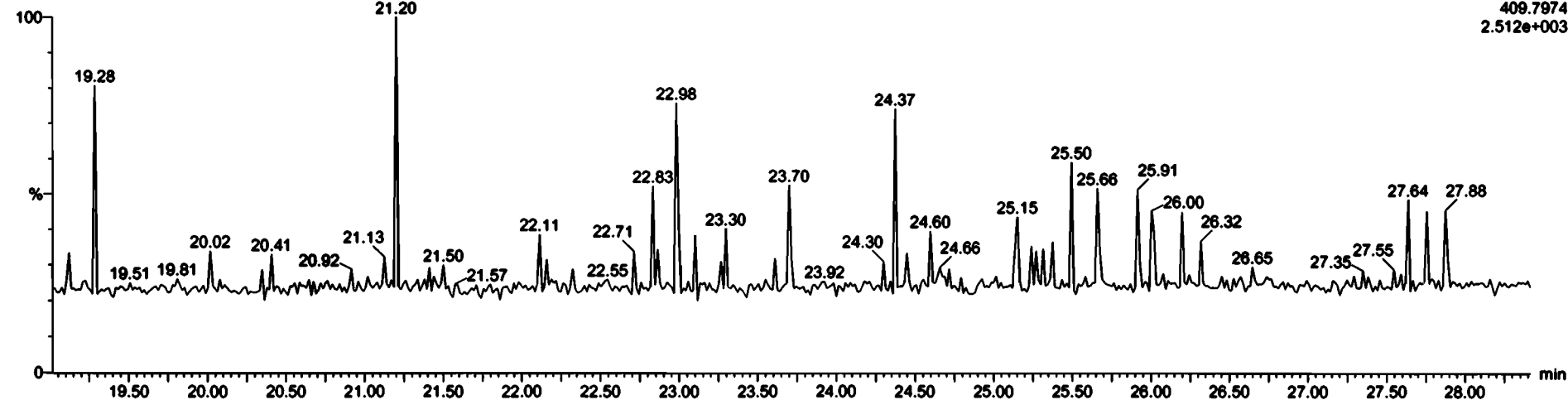


200602R2_9



DPE6

200602R2_9



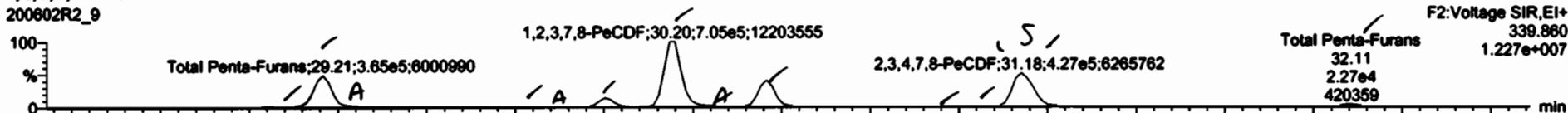
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

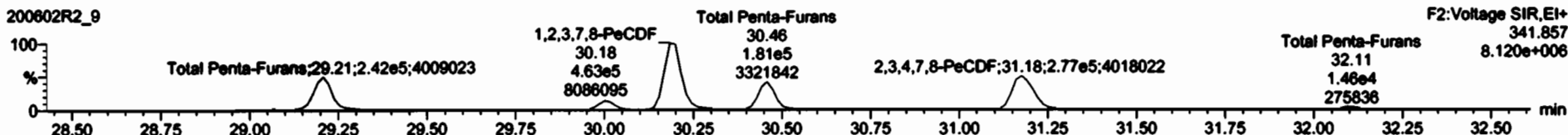
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

1,2,3,7,8-PeCDF

200602R2_9

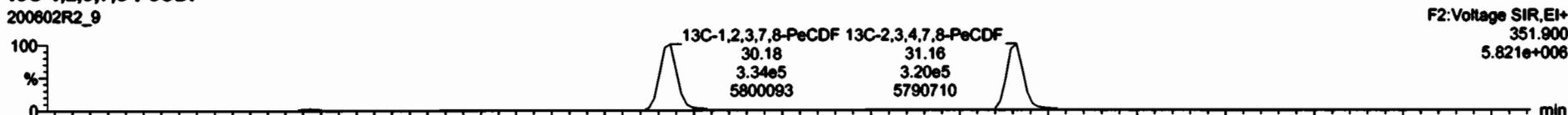


200602R2_9

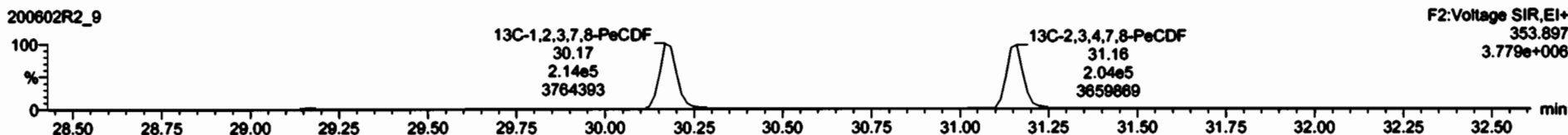


13C-1,2,3,7,8-PeCDF

200602R2_9

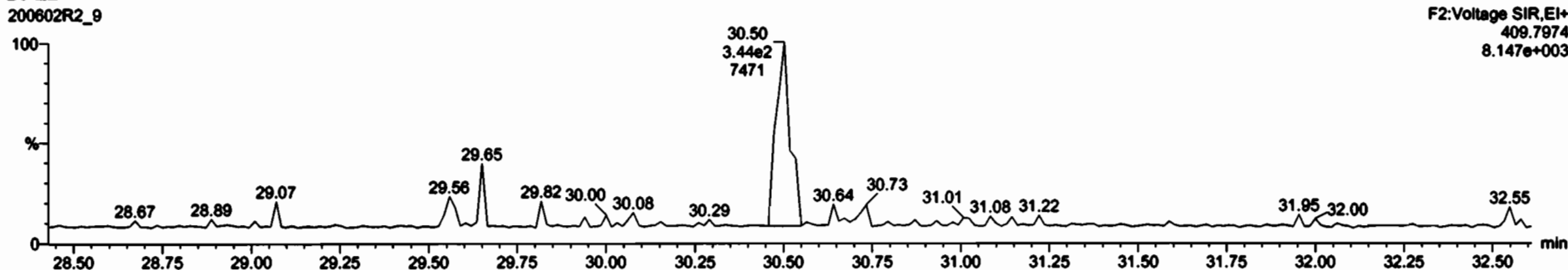


200602R2_9



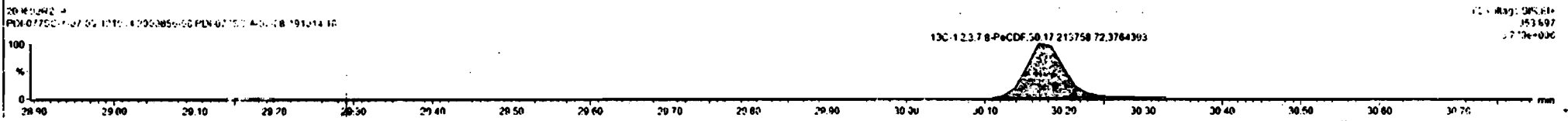
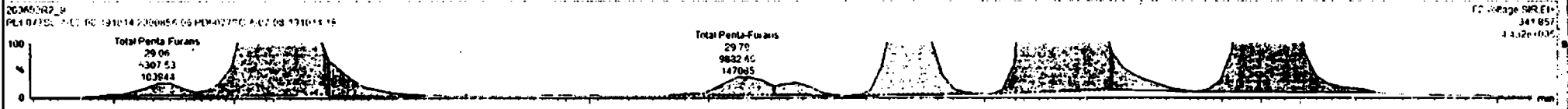
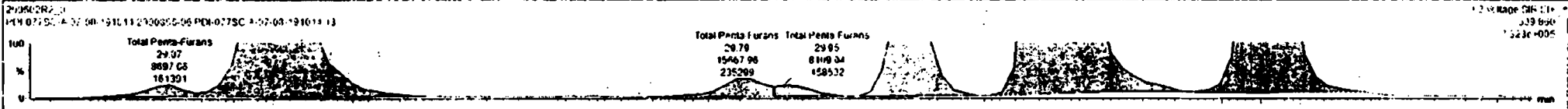
DPE2

200602R2_9



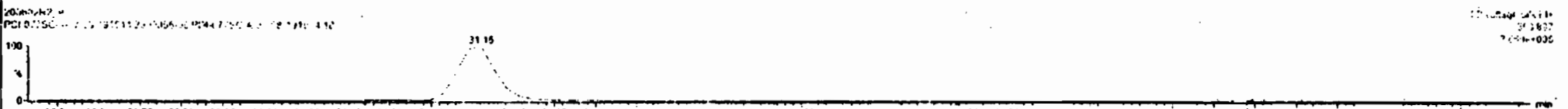
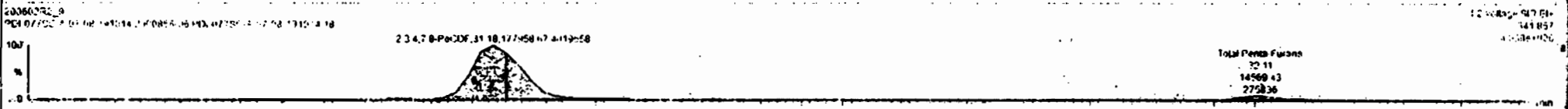
Time	Temp	RA	dy	WV	WV	RT	RT	Comp	%Rec	DL	EMPC
29.07	8.61e3	4.30e3	1.32	NO	8.2712	4.2512					
29.21	3.762e7	2.34e5	1.72	NO	7.9515	246.55					
29.27	1.44e4	1.021e4	1.73	NO	10.328	10.328					
29.75	1.567e4	9.862e3	1.46	NO	10.844	10.844					
29.85	5.10e3	5.097e3	1.28	NO	5.4816	5.4816					
29.88	8.811e4	5.603e4	1.27	NO	89.183	16.079					
30.22	4.925e5	4.537e5	1.53	NO	467.88	467.88					
30.27	1.400e4	9.956e3	1.56	NO	10.776	10.776					
30.46	2.85e5	1.888e5	1.49	NO	187.45	127.80					
30.89	1.20e3	8.795e2	1.27	YES	0.8445	0.00000					
31.67	2.881e3	1.887e3	1.25	YES	1.5199	0.00000					
34.13	4.271e4	2.773e5	1.74	NO	286.78	298.72					
31.47	7.871e3	3.793e2	2.40	YES	3.3477	0.00000					
32.11	2.271e4	1.457e4	1.36	NO	18.218	15.513					
32.73	1.977e3	5.12e2	2.17	YES	6.7307	0.00000					

Time	RE	int Resp	int Resp	RA	dy	WV	Comp
1	29.07	8.61e3	4.30e3	1.32	NO	8.2712	4.2512
2	29.21	3.762e7	2.34e5	1.72	NO	7.9515	246.55
3	29.27	1.44e4	1.021e4	1.73	NO	10.328	10.328
4	29.75	1.567e4	9.862e3	1.46	NO	10.844	10.844
5	29.85	5.10e3	5.097e3	1.28	NO	5.4816	5.4816
6	29.88	8.811e4	5.603e4	1.27	NO	89.183	16.079
7	30.22	4.925e5	4.537e5	1.53	NO	467.88	467.88
8	30.27	1.400e4	9.956e3	1.56	NO	10.776	10.776
9	30.46	2.85e5	1.888e5	1.49	NO	187.45	127.80
10	30.89	1.20e3	8.795e2	1.27	YES	0.8445	0.00000
11	31.67	2.881e3	1.887e3	1.25	YES	1.5199	0.00000
12	34.13	4.271e4	2.773e5	1.74	NO	286.78	298.72
13	31.47	7.871e3	3.793e2	2.40	YES	3.3477	0.00000
14	32.11	2.271e4	1.457e4	1.36	NO	18.218	15.513
15	32.73	1.977e3	5.12e2	2.17	YES	6.7307	0.00000



Item	Comp	TA	Qty	Unit	Cost	Price	Ext	Est	Code	Notes	QTY	EMPC
48	Total Penta-Furans				0.9541	18.642			027		0.952	2.0

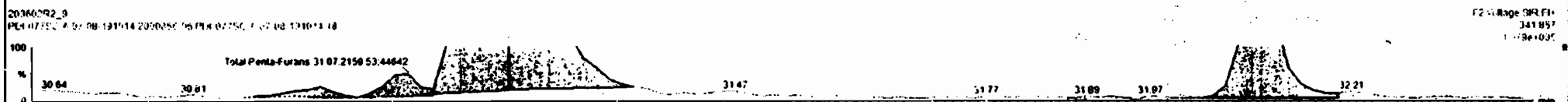
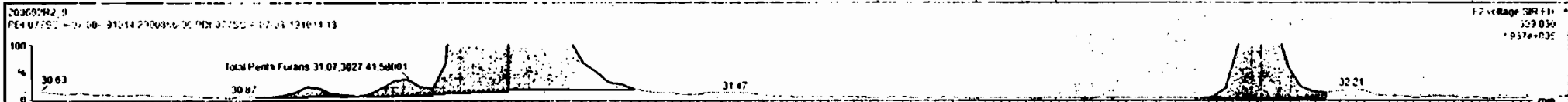
Item	Comp	TA	Qty	Unit	Cost	Price	Ext	Est	Code	Notes	QTY	EMPC
1	Total Penta-Furans	29.67	8.12e-2	1.36	NO	1.2512	1.7e-12					
2	Total Penta-Furans	25.24	3.52e-2	1.52	NO	2.4e-05	7.4e-05					
3	Total Penta-Furans	29.27	1.45e-4	1.45	NO	10.123	10.328					
4	Total Penta-Furans	29.79	1.52e-4	1.52	NO	10.144	10.844					
5	Total Penta-Furans	26.47	8.12e-2	1.59	NO	1.5215	5.4e-06					
6	Total Penta-Furans	26.00	8.12e-4	1.27	NO	69.406	40.089					
7	1,2,3,7,8-PeCDF	30.20	8.32e-5	1.22	NO	467.08	447.82					
8	Total Penta-Furans	36.32	1.52e-4	1.52	NO	10.728	10.728					
9	Total Penta-Furans	32.46	2.35e-5	1.18	NO	107.20	107.30					
10	Total Penta-Furans	38.95	1.52e-2	1.58	NO	1.02e8	8.1800e8					
11	Total Penta-Furans	31.07	2.07e-3	1.48	NO	2.1009	2.1605					
12	2,3,4,7,8-PeCDF	31.18	2.99e-5	1.71	NO	182.11	182.11					
13	Total Penta-Furans	31.15	1.52e-5	1.09	NO	107.12	1.0715					
14	Total Penta-Furans	32.11	2.35e-4	1.48	NO	18.510	12.510					





Name	Comp	RA	dy	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
45	Total Penta-Furans												
46	Total Hexa-Furans												

Name	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
1	Total Penta-Furans	29.07	6.356e3	6.356e3	1.38	MD	6.2512	6.2512					
2	Total Penta-Furans	29.21	4.542e2	2.344e2	1.22	MD	2.4605	2.4605					
3	Total Penta-Furans	29.27	1.458e4	1.021e4	1.43	MD	10.128	10.128					
4	Total Penta-Furans	29.79	1.567e4	1.883e3	1.19	MD	10.644	10.644					
5	Total Penta-Furans	29.35	5.126e3	4.097e3	1.19	MD	5.5016	5.5016					
6	Total Penta-Furans	30.00	6.216e4	5.608e4	1.57	MD	80.089	80.089					
7	1,2,3,7,8-PeCDF	30.20	5.929e5	4.537e5	1.53	MD	467.98	467.98					
8	Total Penta-Furans	30.26	1.580e4	9.875e3	1.19	MD	10.728	10.728					
9	Total Penta-Furans	30.46	2.695e2	1.600e5	1.49	MD	187.86	187.86					
10	Total Penta-Furans	30.95	1.551e1	1.057e3	1.47	MD	1.0887	0.00000					
11	Total Penta-Furans	31.37	3.027e3	2.160e3	1.40	MD	2.1600	2.1600					
12	2,3,4,7,8-PeCDF	31.16	2.895e5	1.700e5	1.71	MD	182.11	182.11					
13	Total Penta-Furans	31.19	4.739e2	6.909e4	1.81	MD	108.18	108.18					
14	Total Penta-Furans	32.11	2.766e4	1.457e4	1.56	MD	15.516	15.510					

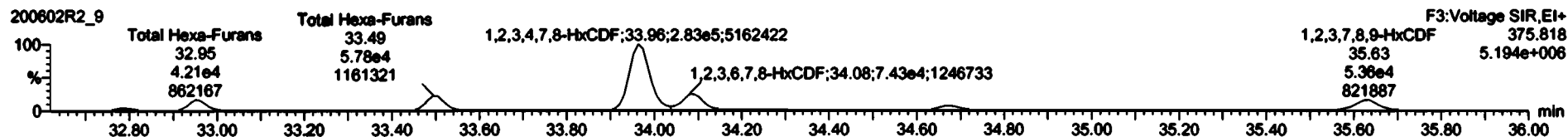
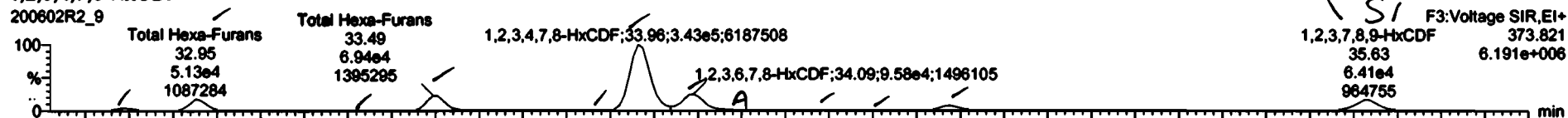


Dataset: Untitled

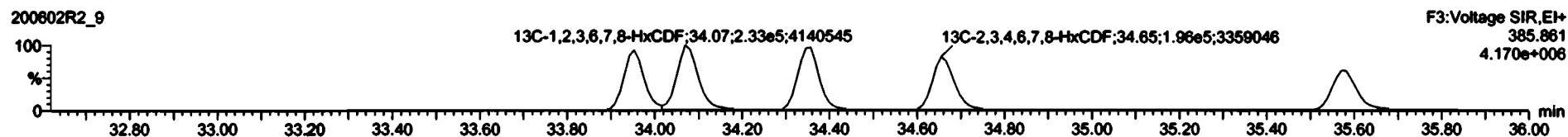
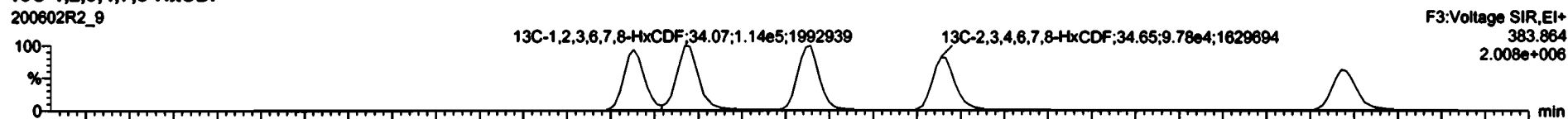
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

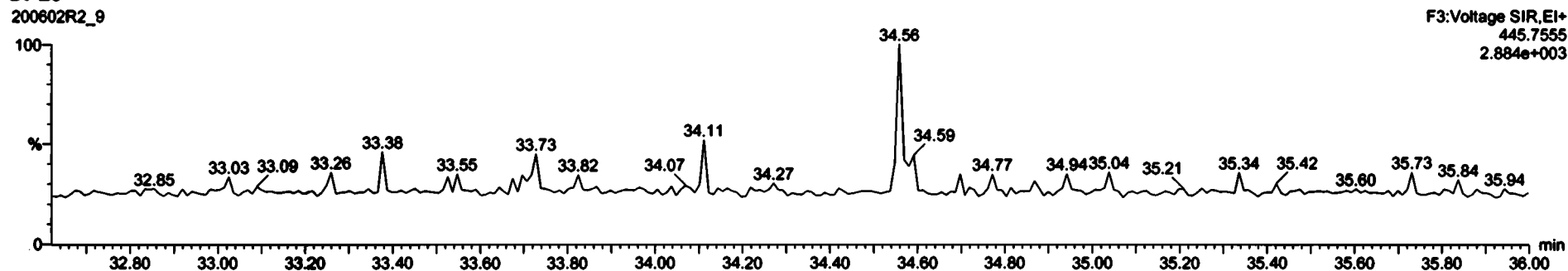
1,2,3,4,7,8-HxCDF



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

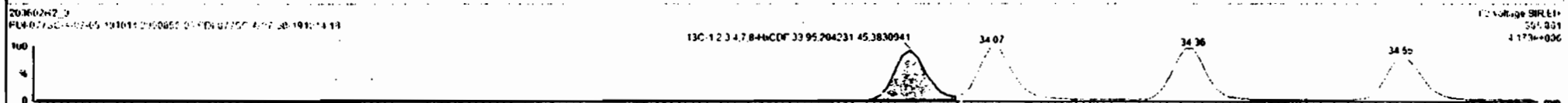
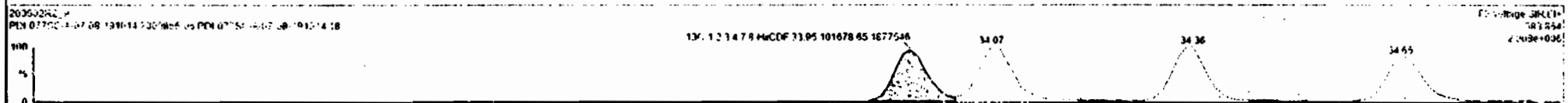
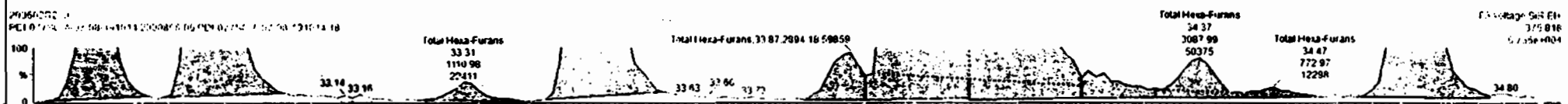
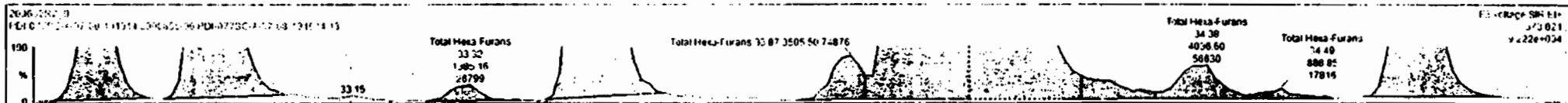


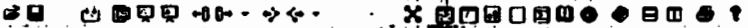
DPE3



Name	Resp	RA	dy	RP	RP/RT	RT	RRT	Comp	Wt%	OL	EMPC
48 Total Hexa-Furans				0.00e+00	10.042			1.70		3.456	1316
49 Total Hexa-Furans				0.00e+00	10.042			1.70		3.456	1316

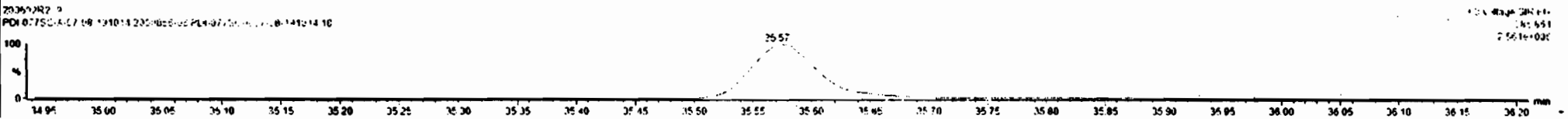
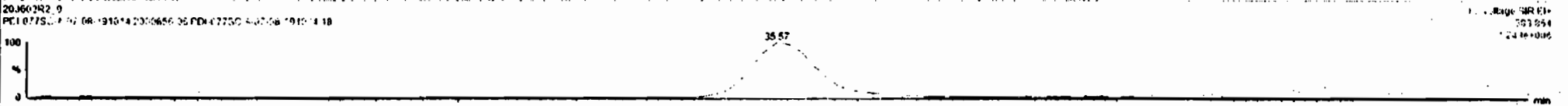
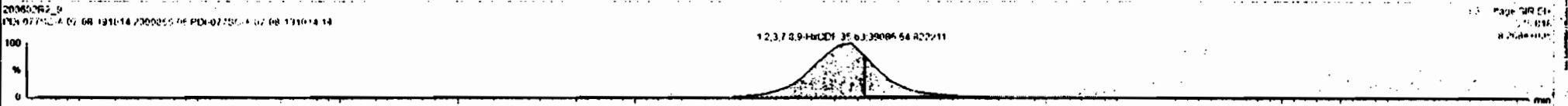
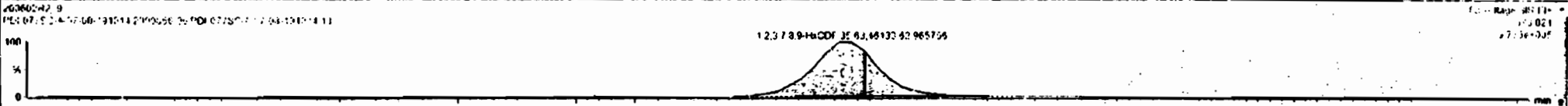
Name	RT	int Resp	int Resp	RA	dy	RP	Comp
1 Total Hexa-Furans	32.79	1.105e4	1.000e4	1.19	ND	11.612	1.592
2 Total Hexa-Furans	33.31	5.127e4	4.205e4	1.22	ND	66.642	25.842
3 Total Hexa-Furans	33.72	1.105e3	1.111e3	1.25	ND	1.7825	1.7825
4 Total Hexa-Furans	34.49	8.925e4	5.776e4	1.20	ND	90.778	50.778
5 Total Hexa-Furans	34.87	2.502e3	2.502e3	1.21	ND	4.5727	4.5701
6 1,2,3,4,7,8-hexCDF	34.94	3.134e5	2.874e5	1.19	ND	664.77	464.77
7 1,2,3,6,7,8-hexCDF	34.99	9.719e4	7.749e4	1.21	ND	110.71	110.71
8 Total Hexa-Furans	34.20	7.509e3	2.252e3	1.12	ND	3.3952	8.9600
9 Total Hexa-Furans	34.16	4.037e3	3.088e3	1.21	ND	1.0878	5.8878
10 Total Hexa-Furans	34.49	8.886e2	7.736e2	1.15	ND	1.1367	1.1367
11 1,2,3,4,7,8-hexCDF	34.82	2.456e4	2.076e4	1.18	ND	25.758	32.908
12 1,2,3,6,7,8-hexCDF	35.63	6.415e4	5.358e4	1.20	ND	109.90	178.50





Name	Resp	RA	dy	RF	Upper	WT	RLT	Case	SRoc	DL	EMPC
48	Total Hexa-Furane			0.0025	10.642			1319		0.490	1.110
49	Total Hexa-Furane			0.0025	10.642					0.490	1.110

Name	RF	wt Resp	m2 Resp	RA	dy	EMPC	Case
1	Total Hexa-Furane	32.79	1.101e4	1.000e4	1.15	ND	15.617
2	Total Hexa-Furane	32.95	5.127e4	4.205e4	1.22	ND	66.642
3	Total Hexa-Furane	33.32	1.385e3	1.111e3	1.25	ND	1.7827
4	Total Hexa-Furane	37.45	6.938e4	4.775e4	1.20	ND	90.775
5	Total Hexa-Furane	33.27	5.401e3	7.854e3	1.21	ND	4.5701
6	1,2,3,4,7,8-HxCDF	33.96	3.434e4	2.974e4	1.15	ND	484.37
7	1,2,3,6,7,8-HxCDF	34.09	9.239e4	7.749e4	1.21	ND	110.11
8	Total Hexa-Furane	34.20	2.504e3	2.233e3	1.12	ND	3.9657
9	Total Hexa-Furane	34.38	4.037e3	1.028e3	1.21	ND	5.9875
10	Total Hexa-Furane	34.45	8.889e2	7.730e2	1.15	ND	1.1887
11	2,3,4,6,7,8-HxCDF	34.68	2.456e4	2.074e4	1.18	ND	32.908
12	1,2,2,7,8-HxCDF	35.63	4.613e4	1.898e4	1.18	ND	78.670
13	Total Hexa-Furane	35.85	1.752e4	1.405e4	1.27	ND	22.702

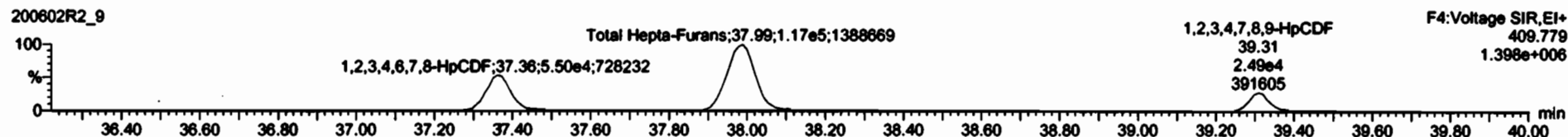
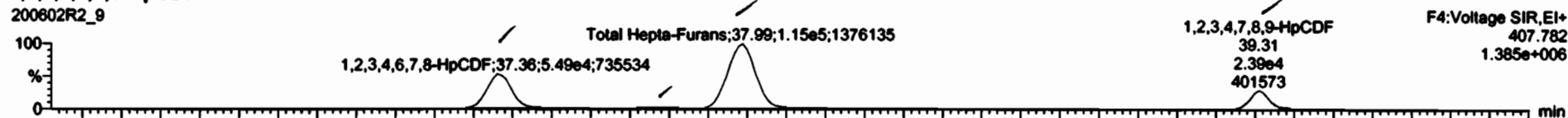


Dataset: Untitled

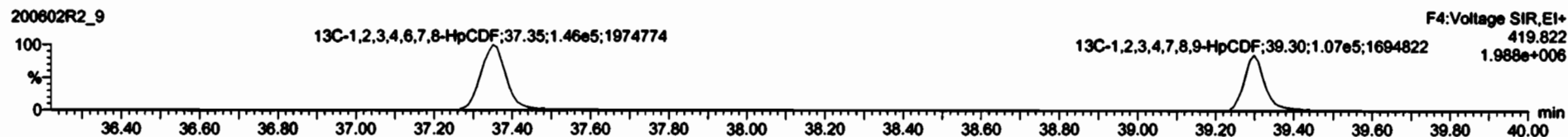
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

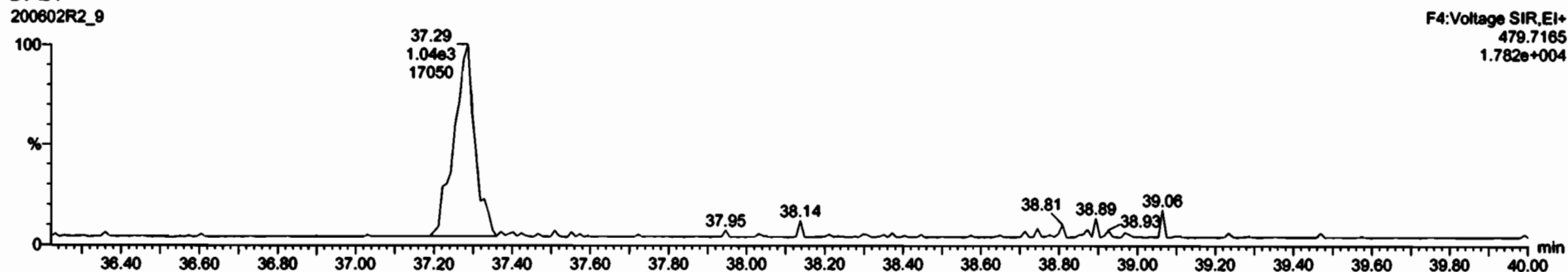
1,2,3,4,6,7,8-HpCDF



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

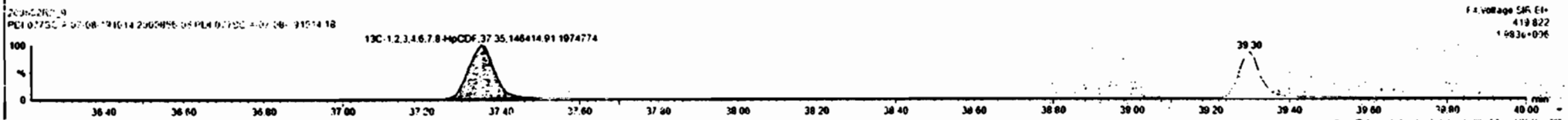
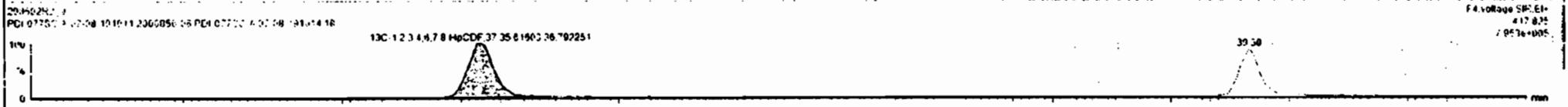
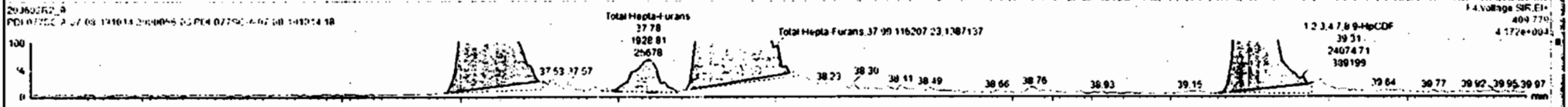
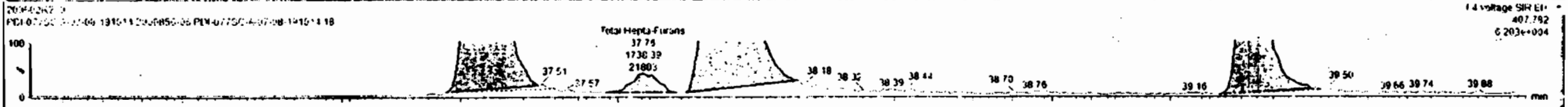


DPE4



Name	Resp	RA	adj	RFI	upflow	RT	BRT	Conc.	%Rec	DL	EMPC
48 Total Hepta-Furans				0.8925	10.842			1310		0.484	1310
49 Total Hepta-Furans				0.9341	10.842			895		0.682	896

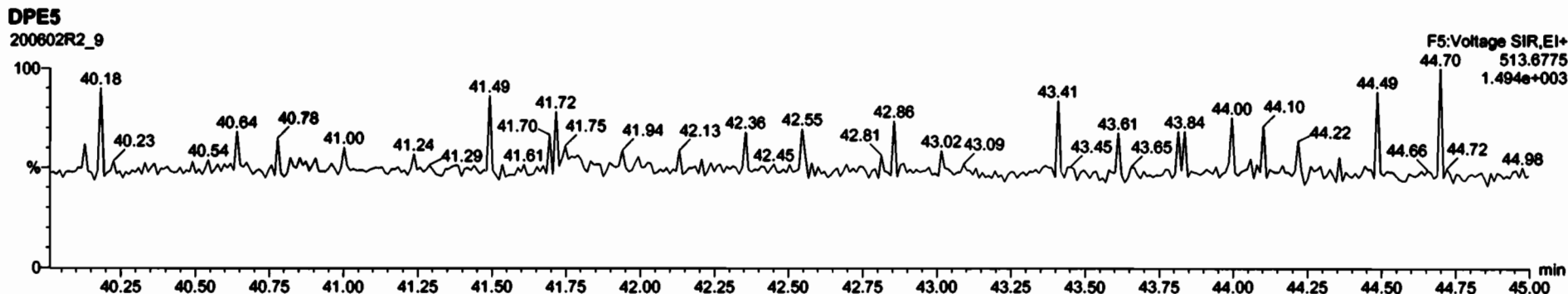
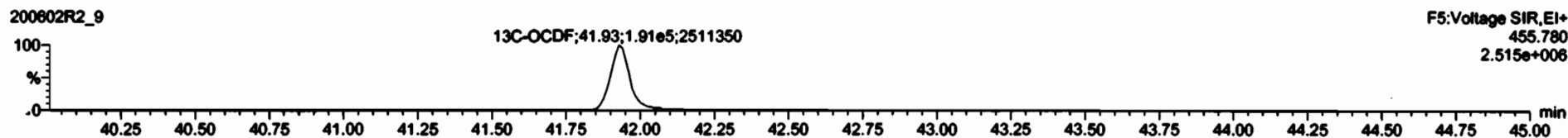
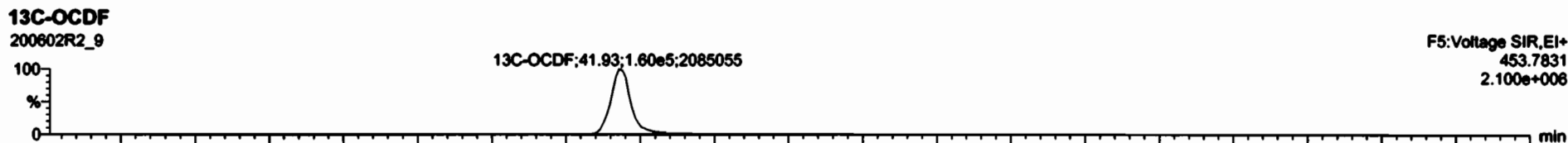
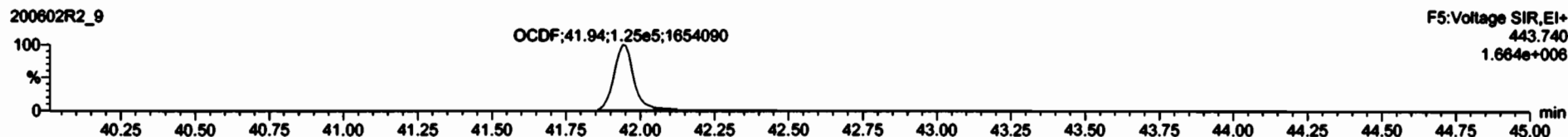
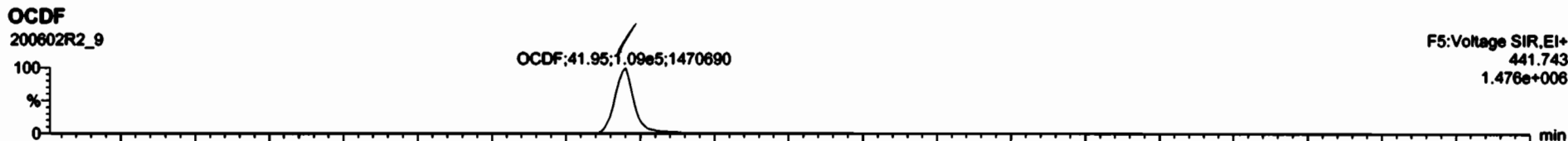
Name	RT	adj Ramp	adj Ramp	RA	adj	EMPC	Area
1 1,2,3,4,6,7,8-HpCDF	37.36	5.422e+4	2.411e+4	1.06	NO	118.31	116.75
2 Total Hepta-Furans	37.76	1.736e3	1.429e3	0.90	NO	4.6568	4.6568
3 Total Hepta-Furans	37.90	1.147e5	1.162e5	0.86	NO	241.21	240.21
4 1,2,3,4,6,7,8-HpCDF	39.31	2.384e4	2.407e4	0.99	NO	62.379	62.335



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

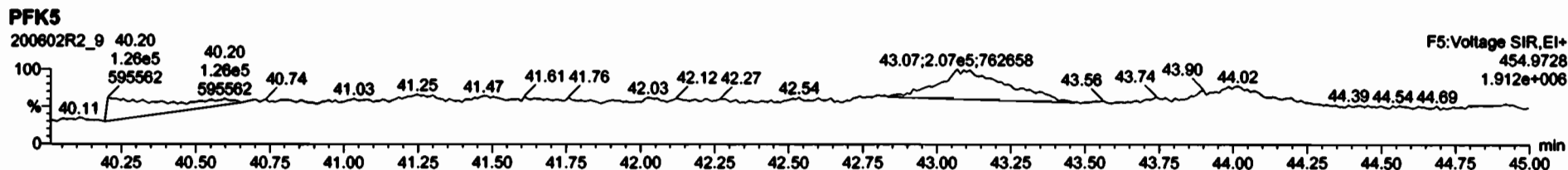
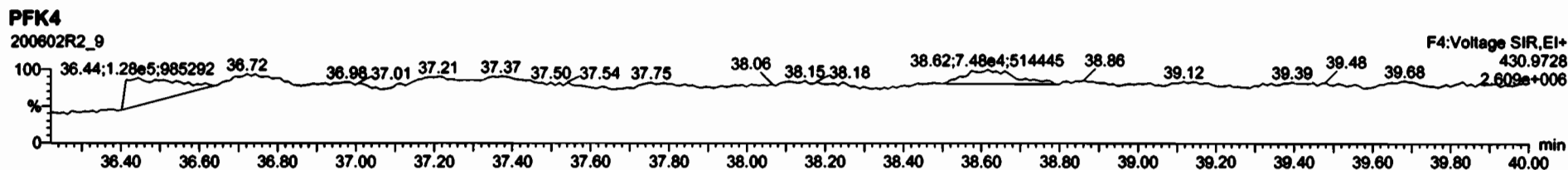
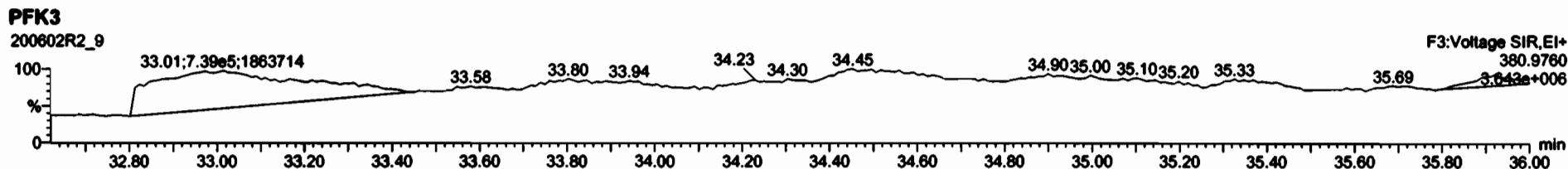
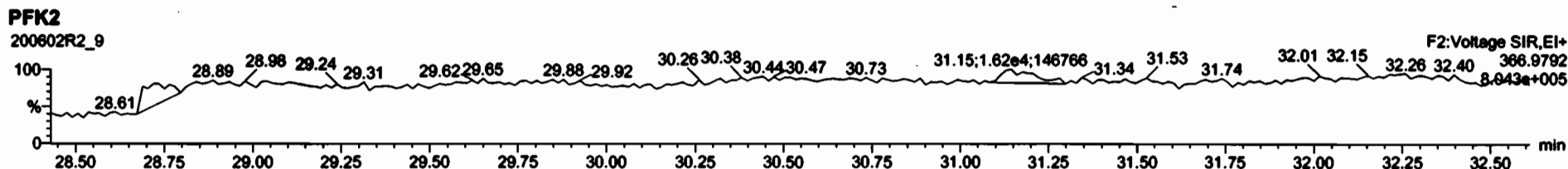
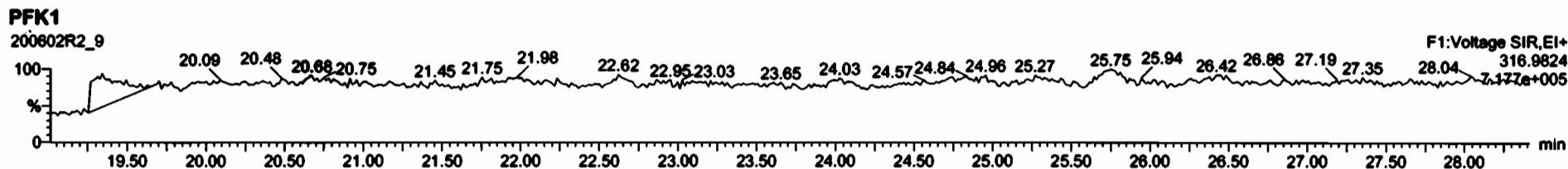
Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_9, Date: 02-Jun-2020, Time: 21:30:40, ID: 2000856-06 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-8.qld

Last Altered: Wednesday, June 03, 2020 3:09:10 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 3:09:43 PM Pacific Daylight Time

GRB 06/03/2020

C7 06/04/2020

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

Peak #	Retention Time (min)	Area	Height	Width	Integration	Response	Concentration	Reference	Recovery	Other	Other	Other
1	2,3,7,8-TCDD				NO	0.888	10.029	26.546	1.001			0.0918
2	1,2,3,7,8-PeCDD				NO	0.908	10.029	31.488	1.001			0.172
3	1,2,3,4,7,8-HxCDD	4.04e2	1.10		NO	1.03	10.029	34.846 34.86	1.000 1.001	0.30172		0.268 0.302
4	1,2,3,6,7,8-HxCDD	3.06e3	1.15		NO	0.892	10.029	34.943 34.95	1.000 1.000	2.1604		0.270 2.16
5	1,2,3,7,8,9-HxCDD	9.65e2	1.15		NO	0.887	10.029	35.231 35.22	1.000 1.000	0.75345		0.315 0.753
6	1,2,3,4,6,7,8-HpCDD	1.52e5	0.97		NO	0.864	10.029	38.768 38.78	1.000 1.001	165.43		0.936 165
7	OCDD	1.07e6	0.87		NO	0.914	10.029	41.727 41.74	1.000 1.000	1252.2		0.982 1250
8	2,3,7,8-TCDF	3.41e4	0.75		NO	0.751	10.029	25.641 25.63	1.001 1.001	13.652 (12.3)		0.193 13.7
9	1,2,3,7,8-PeCDF	3.88e4	1.56		NO	0.893	10.029	30.205 30.20	1.001 1.001	14.781		0.148 14.8
10	2,3,4,7,8-PeCDF	2.02e4	1.55		NO	0.935	10.029	31.180 31.18	1.001 1.000	7.5573		0.132 7.56
11	1,2,3,4,7,8-HxCDF	2.39e4	1.16		NO	0.884	10.029	33.952 33.97	1.000 1.001	17.404		0.171 17.4
12	1,2,3,6,7,8-HxCDF	7.01e3	1.21		NO	0.889	10.029	34.090 34.09	1.000 1.000	4.4055		0.157 4.41
13	2,3,4,6,7,8-HxCDF	2.42e3	1.17		NO	0.934	10.029	34.701 34.69	1.001 1.001	1.6468		0.174 1.65
14	1,2,3,7,8,9-HxCDF	1.90e3	1.10		NO	0.871	10.029	35.582 35.62	1.000 1.001	1.6991		0.268 1.70
15	1,2,3,4,6,7,8-HpCDF	1.28e4	0.95		NO	0.873	10.029	37.387 37.37	1.001 1.001	13.260		0.267 13.3
16	1,2,3,4,7,8,9-HpCDF	2.33e3	1.07		NO	1.01	10.029	39.299 39.31	1.000 1.000	3.0479		0.278 3.05
17	OCDF	3.88e4	0.85		NO	0.806	10.029	41.919 41.94	1.000 1.001	47.346		0.284 47.3
18	13C-2,3,7,8-TCDD	5.90e5	0.77		NO	1.16	10.029	26.538 26.51	1.026 1.025	195.11 97.8		0.281
19	13C-1,2,3,7,8-PeCDD	4.25e5	0.60		NO	0.849	10.029	31.729 31.47	1.227 1.217	191.63 96.1		0.277
20	13C-1,2,3,4,7,8-HxCDD	2.59e5	1.25		NO	0.779	10.029	34.841 34.84	1.014 1.014	201.06 101		0.886
21	13C-1,2,3,6,7,8-HxCDD	3.16e5	1.27		NO	1.02	10.029	34.955 34.94	1.017 1.017	188.40 94.5		0.679
22	13C-1,2,3,7,8,9-HxCDD	2.88e5	1.20		NO	0.903	10.029	35.226 35.22	1.025 1.025	193.13 96.8		0.765
23	13C-1,2,3,4,6,7,8-HpCDD	2.12e5	1.01		NO	0.689	10.029	38.751 38.76	1.128 1.128	186.60 93.6		0.684
24	13C-OCDD	3.73e5	0.88		NO	0.652	10.029	41.775 41.73	1.216 1.215	346.50 86.9		0.760
25	13C-2,3,7,8-TCDF	6.63e5	0.75		NO	1.06	10.029	25.578 25.61	0.989 0.991	178.18 89.3		0.509
26	13C-1,2,3,7,8-PeCDF	5.87e5	1.57		NO	0.838	10.029	30.111 30.18	1.165 1.167	199.50 100		0.668
27	13C-2,3,4,7,8-PeCDF	5.69e5	1.57		NO	0.817	10.029	31.065 31.16	1.202 1.205	198.53 99.5		0.666
28	13C-1,2,3,4,7,8-HxCDF	3.09e5	0.49		NO	1.01	10.029	33.972 33.95	0.989 0.988	185.97 93.3		1.02
29	13C-1,2,3,6,7,8-HxCDF	3.57e5	0.50		NO	1.17	10.029	34.096 34.08	0.992 0.992	185.10 92.8		0.878
30	13C-2,3,4,6,7,8-HxCDF	3.14e5	0.50		NO	1.02	10.029	34.670 34.67	1.009 1.009	185.98 93.3		1.00
31	13C-1,2,3,7,8,9-HxCDF	2.56e5	0.49		NO	0.860	10.029	35.570 35.58	1.035 1.036	180.54 90.5		1.19

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-8.qld

Last Altered: Wednesday, June 03, 2020 3:09:10 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:09:43 PM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.21e5	0.42	NO	0.774	10.029	37.319	37.35	1.086	1.087	172.60	86.5	0.814	
33	13C-1,2,3,4,7,8,9-HpCDF	1.50e5	0.40	NO	0.521	10.029	39.349	39.30	1.145	1.144	174.77	87.6	1.21	
34	13C-OCDF	4.06e5	0.90	NO	0.746	10.029	41.946	41.92	1.221	1.220	329.62	82.6	0.560	
35	37Cl-2,3,7,8-TCDD	2.13e5			1.04	10.029	26.569	26.53	1.028	1.026	78.647	98.6	0.126	
36	13C-1,2,3,4-TCDD	5.21e5	0.79	NO	1.00	10.029	25.890	25.85	1.000	1.000	199.43	100	0.325	
37	13C-1,2,3,4-TCDF	7.00e5	0.76	NO	1.00	10.029	24.360	24.18	1.000	1.000	199.43	100	0.539	
38	13C-1,2,3,4,6,9-HxCDF	3.29e5	0.49	NO	1.00	10.029	34.420	34.36	1.000	1.000	199.43	100	1.02	
39	Total Tetra-Dioxins				0.888	10.029	24.620		0.000		1.6992		0.0918	1.70
40	Total Penta-Dioxins				0.908	10.029	29.960		0.000		1.4116		0.172	1.41
41	Total Hexa-Dioxins				0.892	10.029	33.635		0.000		32.339		0.297	32.3
42	Total Hepta-Dioxins				0.864	10.029	37.640		0.000		382.84		0.936	383
43	Total Tetra-Furans				0.751	10.029	23.610		0.000		37.009		0.193	42.0
44	1st Func. Penta-Furans				0.893	10.029	27.580		0.000		6.8506		0.0273	6.85
45	Total Penta-Furans				0.893	10.029	29.275		0.000		35.307		0.143	44.7
46	Total Hexa-Furans				0.934	10.029	33.555		0.000		38.934		0.180	38.9
47	Total Hepta-Furans				0.873	10.029	37.835		0.000		48.004		0.290	48.0

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-8.qld

Last Altered: Wednesday, June 03, 2020 3:09:10 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 3:09:43 PM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\ldb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

Tetra-Dioxins

	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Tetra-Dioxins	22.52	2.342e4	2.641e4	1.957e3	2.506e3	0.78	NO	4.462e3	1.6992	1.6992	0.0918

Penta-Dioxins

Total Penta-Dioxins	29.24	4.919e3	8.984e3	3.910e2	6.946e2	0.56	NO	1.086e3	0.56080	0.56080	0.172
Total Penta-Dioxins	29.74	4.605e3	6.405e3	1.903e2	2.789e2	0.68	NO	4.693e2	0.24239	0.24239	0.172
Total Penta-Dioxins	30.23	1.009e4	1.315e4	4.870e2	6.909e2	0.70	NO	1.178e3	0.60840	0.60840	0.172

Hexa-Dioxins

Total Hexa-Dioxins	33.35	1.919e5	1.598e5	9.773e3	8.401e3	1.16	NO	1.817e4	14.125	14.125	0.297
Total Hexa-Dioxins	33.91	1.954e4	1.453e4	1.015e3	7.532e2	1.35	NO	1.768e3	1.3741	1.3741	0.297
Total Hexa-Dioxins	34.17	1.159e5	9.637e4	8.345e3	6.978e3	1.20	NO	1.532e4	11.909	11.909	0.297
Total Hexa-Dioxins	34.26	1.358e4	1.032e4	6.943e2	5.085e2	1.37	NO	1.203e3	0.93483	0.93483	0.297
1,2,3,4,7,8-HxCDD	34.86	4.505e3	4.250e3	2.121e2	1.922e2	1.10	NO	4.043e2	0.30172	0.30172	0.268
1,2,3,6,7,8-HxCDD	34.95	2.562e4	2.499e4	1.636e3	1.421e3	1.15	NO	3.057e3	2.1604	2.1604	0.270
Total Hexa-Dioxins	35.12	9.791e3	8.140e3	5.178e2	4.872e2	1.06	NO	1.005e3	0.78111	0.78111	0.297
1,2,3,7,8,9-HxCDD	35.22	9.139e3	7.025e3	5.149e2	4.496e2	1.15	NO	9.645e2	0.75345	0.75345	0.315

Hepta-Dioxins

Total Hepta-Dioxins	37.76	1.324e6	1.305e6	1.006e5	9.939e4	1.01	NO	2.000e5	217.41	217.41	0.936
1,2,3,4,6,7,8-HpCDD	38.78	1.104e6	1.108e6	7.502e4	7.714e4	0.97	NO	1.522e5	165.43	165.43	0.936

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-8.qld

Last Altered: Wednesday, June 03, 2020 3:09:10 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:09:43 PM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

Tetra-Furans

Total Tetra-Furans	20.90	4.750e3	4.148e3	3.089e2	3.704e2	0.83	NO	6.793e2	0.27229	0.27229	0.193
Total Tetra-Furans	21.51	2.227e4	2.424e4	1.661e3	2.065e3	0.80	NO	3.726e3	1.4935	1.4935	0.193
Total Tetra-Furans	21.99	2.546e3	2.605e3	1.530e2	1.825e2	0.84	NO	3.355e2	0.13447	0.13447	0.193
Total Tetra-Furans	22.08	6.092e3	6.902e3	6.311e2	7.562e2	0.83	NO	0.000e0	0.00000	0.55607	0.193
Total Tetra-Furans	22.49	3.577e4	4.841e4	3.804e3	5.164e3	0.74	NO	8.969e3	3.5950	3.5950	0.193
Total Tetra-Furans	22.98	1.730e4	2.448e4	1.621e3	2.078e3	0.78	NO	3.699e3	1.4828	1.4828	0.193
Total Tetra-Furans	23.33	4.664e3	7.131e3	4.219e2	6.413e2	0.66	NO	1.063e3	0.42619	0.42619	0.193
Total Tetra-Furans	24.10	1.057e4	1.849e4	7.906e2	1.218e3	0.65	YES	0.000e0	0.00000	0.72850	0.193
Total Tetra-Furans	24.18	1.859e4	2.458e4	1.742e3	2.486e3	0.70	NO	0.000e0	0.00000	1.6948	0.193
Total Tetra-Furans	24.70	1.714e5	2.486e5	1.454e4	1.897e4	0.77	NO	3.352e4	13.436	13.436	0.193
Total Tetra-Furans	24.99	7.643e3	9.675e3	5.997e2	7.358e2	0.82	NO	1.336e3	0.53534	0.53534	0.193
Total Tetra-Furans	25.51	2.491e4	3.068e4	1.537e3	1.804e3	0.85	NO	3.341e3	1.3393	1.3393	0.193
2,3,7,8-TCDF	25.63	1.960e5	2.664e5	1.461e4	1.945e4	0.75	NO	3.406e4	13.652	13.652	0.193
Total Tetra-Furans	25.99	9.825e3	1.343e4	6.899e2	9.128e2	0.76	NO	1.603e3	0.64241	0.64241	0.193
Total Tetra-Furans	27.64	4.040e4	3.740e4	2.703e3	2.774e3	0.97	YES	0.000e0	0.00000	1.9680	0.193

Penta-Furans function 1

1st Func. Penta-Furans	27.62	1.752e5	1.134e5	1.078e4	6.940e3	1.55	NO	1.772e4	6.8506	6.8506	0.0273
------------------------	-------	---------	---------	---------	---------	------	----	---------	--------	--------	--------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-8.qld

Last Altered: Wednesday, June 03, 2020 3:09:10 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 3:09:43 PM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

Penta-Furans

Total Penta-Furans	29.06	9.368e3	8.663e3	6.427e2	4.550e2	1.41	NO	1.098e3	0.42432	0.42432	0.143
Total Penta-Furans	29.21	2.250e5	1.572e5	1.383e4	8.898e3	1.55	NO	0.000e0	0.00000	8.7862	0.143
Total Penta-Furans	29.25	3.273e4	2.361e4	9.682e2	5.780e2	1.67	NO	0.000e0	0.00000	0.59764	0.143
Total Penta-Furans	29.79	2.256e4	1.713e4	1.378e3	1.038e3	1.33	NO	2.416e3	0.93374	0.93374	0.143
Total Penta-Furans	29.88	6.509e3	4.093e3	2.853e2	1.782e2	1.60	NO	4.635e2	0.17915	0.17915	0.143
Total Penta-Furans	30.00	5.454e4	3.944e4	3.129e3	2.185e3	1.43	NO	5.314e3	2.0540	2.0540	0.143
1,2,3,7,8-PeCDF	30.20	4.247e5	2.641e5	2.366e4	1.517e4	1.56	NO	3.883e4	14.781	14.781	0.148
Total Penta-Furans	30.28	1.344e4	1.143e4	5.833e2	3.516e2	1.66	NO	9.349e2	0.36138	0.36138	0.143
Total Penta-Furans	30.46	1.746e5	1.032e5	9.670e3	5.973e3	1.62	NO	1.564e4	6.0465	6.0465	0.143
2,3,4,7,8-PeCDF	31.18	2.321e5	1.528e5	1.225e4	7.911e3	1.55	NO	2.016e4	7.5573	7.5573	0.132
Total Penta-Furans	31.21	1.555e5	9.752e4	3.757e3	2.587e3	1.45	NO	6.345e3	2.4524	2.4524	0.143
Total Penta-Furans	32.09	1.527e4	1.140e4	7.719e2	5.674e2	1.36	NO	1.339e3	0.51767	0.51767	0.143

Hexa-Furans

Total Hexa-Furans	32.80	1.879e4	1.593e4	9.628e2	8.109e2	1.19	NO	1.774e3	1.2255	1.2255	0.180
Total Hexa-Furans	32.96	6.736e4	6.216e4	3.693e3	3.103e3	1.19	NO	6.796e3	4.6954	4.6954	0.180
Total Hexa-Furans	33.51	9.421e4	8.510e4	5.110e3	4.220e3	1.21	NO	9.330e3	6.4462	6.4462	0.180
Total Hexa-Furans	33.87	5.104e3	4.704e3	1.837e2	1.719e2	1.07	NO	3.556e2	0.24569	0.24569	0.180
1,2,3,4,7,8-HxCDF	33.97	2.458e5	2.061e5	1.283e4	1.105e4	1.16	NO	2.388e4	17.404	17.404	0.171
1,2,3,6,7,8-HxCDF	34.09	6.937e4	5.407e4	3.833e3	3.174e3	1.21	NO	7.006e3	4.4055	4.4055	0.157
2,3,4,6,7,8-HxCDF	34.69	2.027e4	1.759e4	1.305e3	1.115e3	1.17	NO	2.420e3	1.6468	1.6468	0.174
1,2,3,7,8,9-HxCDF	35.62	2.822e4	2.275e4	9.961e2	9.047e2	1.10	NO	1.901e3	1.6991	1.6991	0.268
Total Hexa-Furans	35.65	3.140e4	2.236e4	9.329e2	7.533e2	1.24	NO	1.686e3	1.1650	1.1650	0.180

Hepta-Furans

1,2,3,4,6,7,8-HpCDF	37.37	8.904e4	8.977e4	6.254e3	6.565e3	0.95	NO	1.262e4	13.260	13.260	0.267
Total Hepta-Furans	37.99	1.666e5	1.729e5	1.263e4	1.313e4	0.96	NO	2.575e4	31.696	31.696	0.290
1,2,3,4,7,8,9-HpCDF	39.31	2.066e4	2.118e4	1.204e3	1.123e3	1.07	NO	2.327e3	3.0479	3.0479	0.278

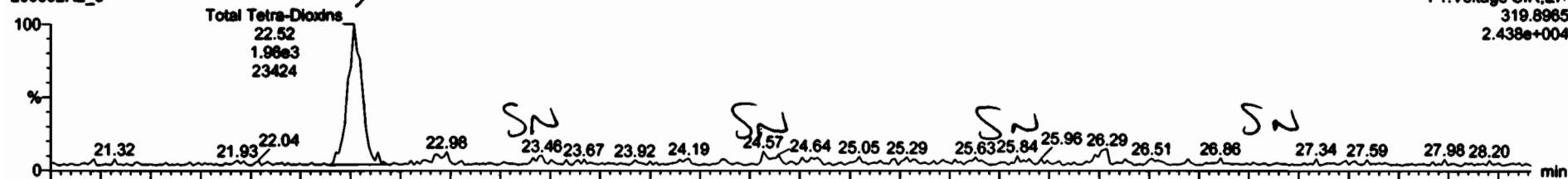
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

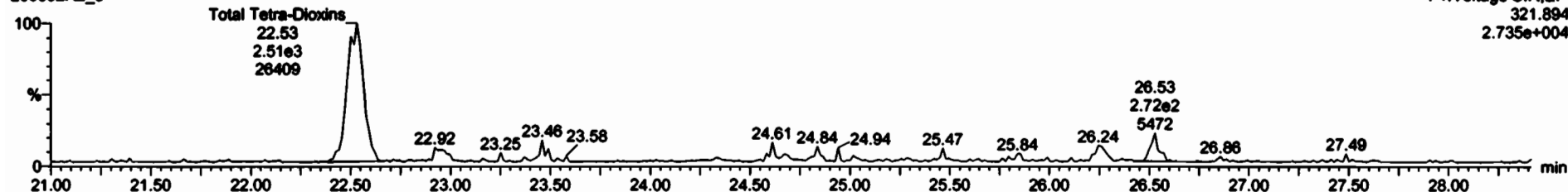
Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

2,3,7,8-TCDD

200602R2_8



200602R2_8

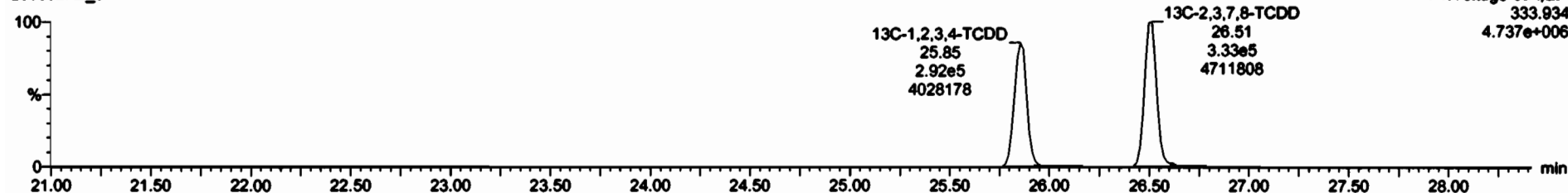


13C-2,3,7,8-TCDD

200602R2_8



200602R2_8



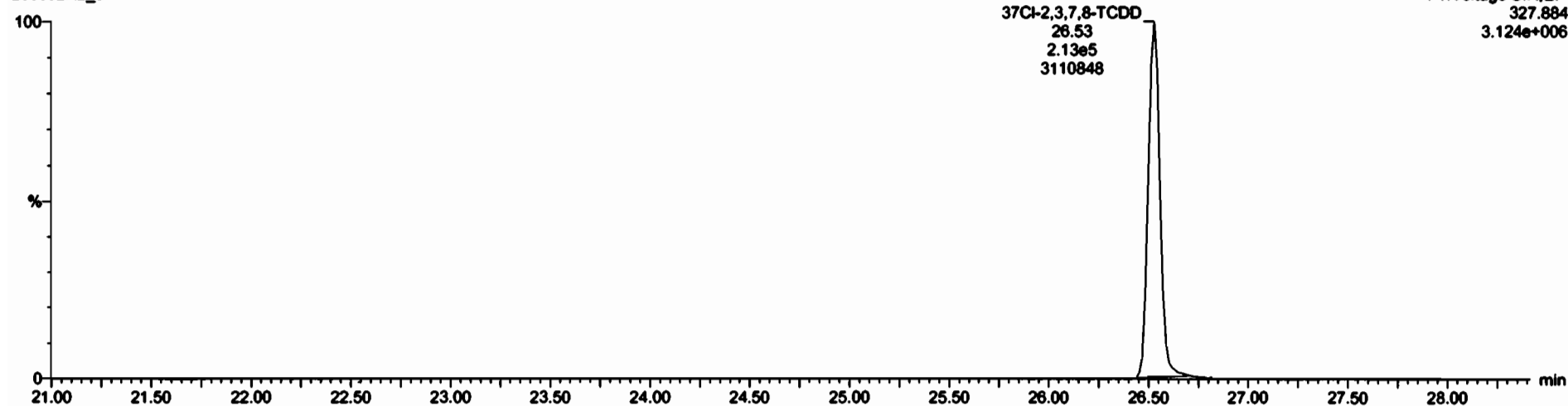
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

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

200602R2_8

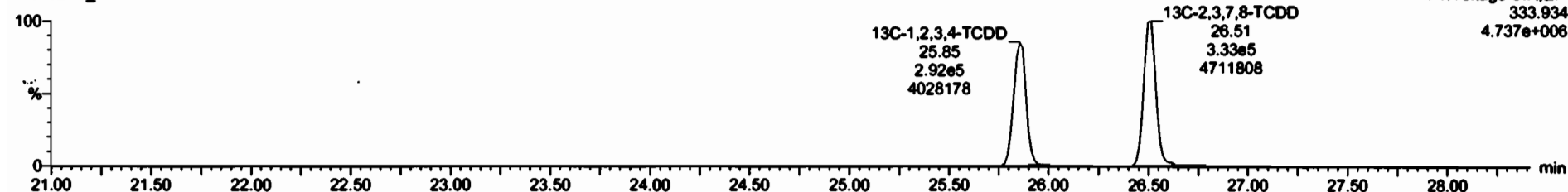


13C-1,2,3,4-TCDD

200602R2_8



200602R2_8



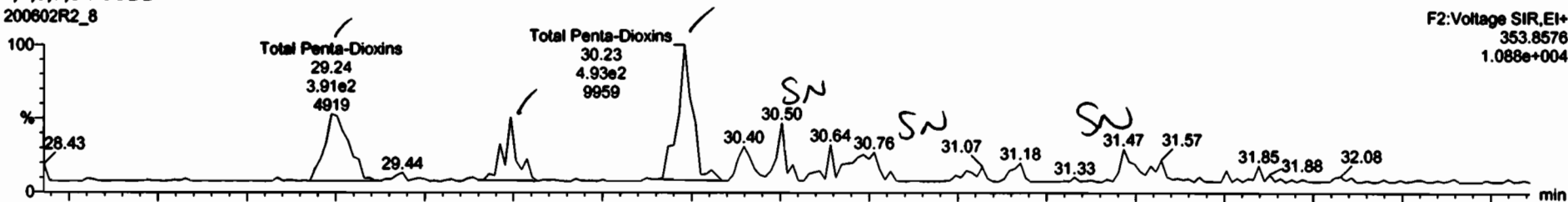
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

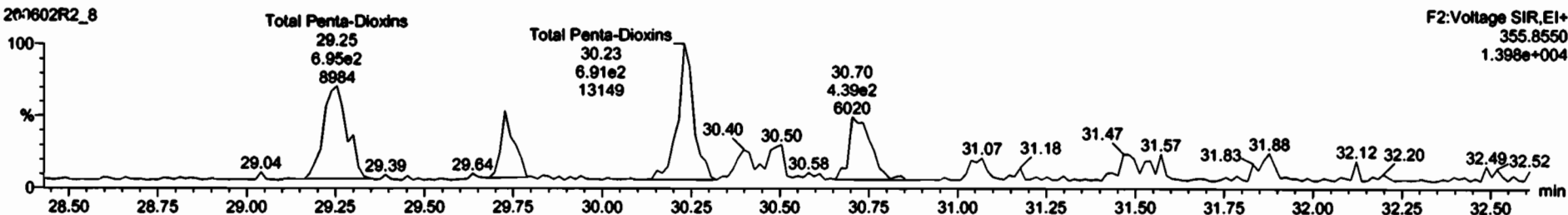
Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

1,2,3,7,8-PeCDD

200602R2_8



200602R2_8

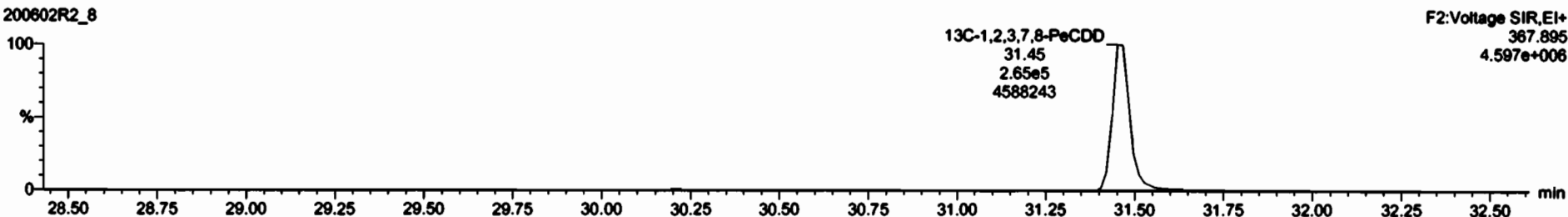


13C-1,2,3,7,8-PeCDD

200602R2_8

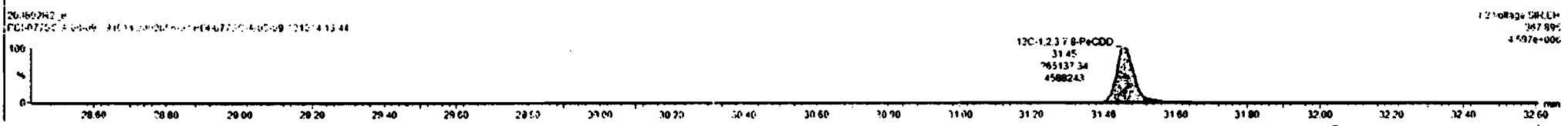
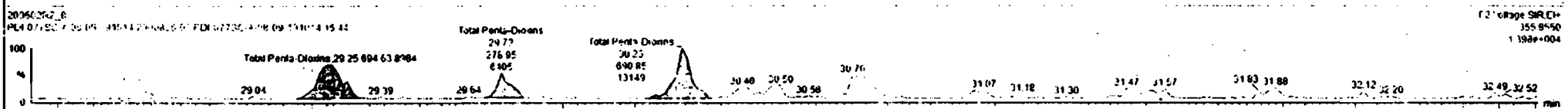
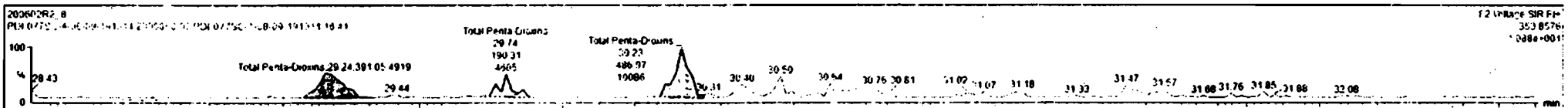


200602R2_8



Method	Range	RA	dy	RRF	RRP	RT	RTI	Comp.	%Rec	OL	EMPC
30	Total Penta-Dioxins			0.0083	10.0000			1.70	0.0010	1.70	
31	Total Penta-Dioxins			0.0083	10.0000			1.70	0.0010	1.70	

Method	RT	RRP	RRF	RA	dy	EMPC	Comp.
1	Total Penta-Dioxins	29.24	2.910e2	4.94e2	0.5E	NO	0.50000
2	Total Penta-Dioxins	29.74	1.561e2	2.70e2	0.7E	NO	0.24239
3	Total Penta-Dioxins	30.27	4.870e2	6.90e2	0.7E	NO	0.60040



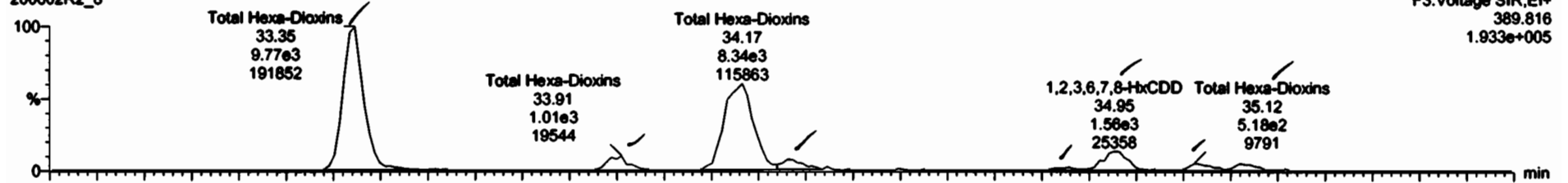
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

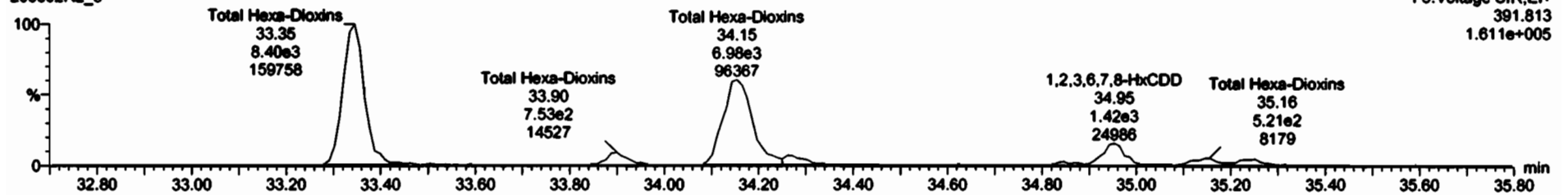
Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

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

200602R2_8



200602R2_8

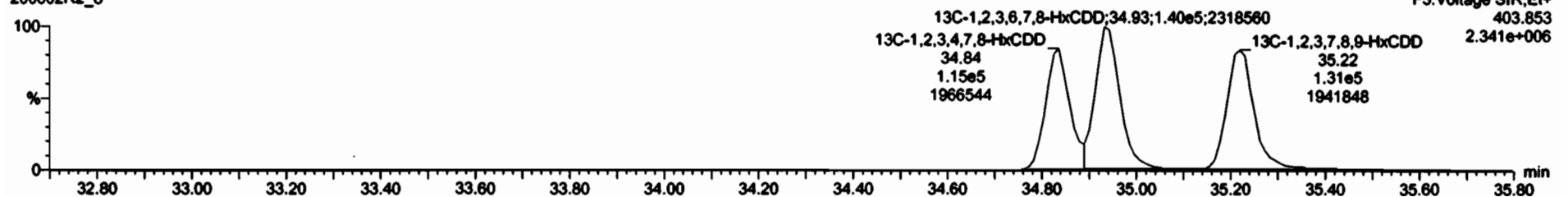


13C-1,2,3,4,7,8-HxCDD

200602R2_8

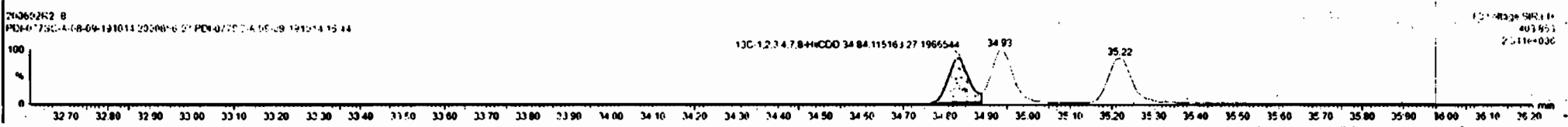
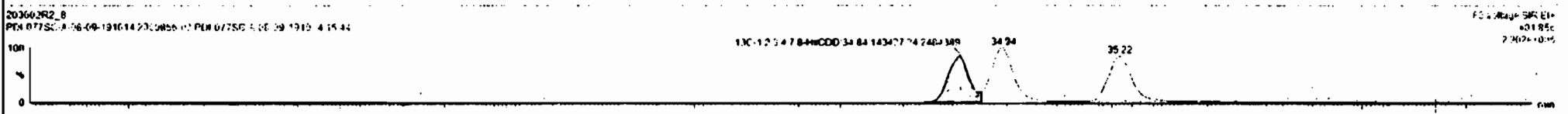
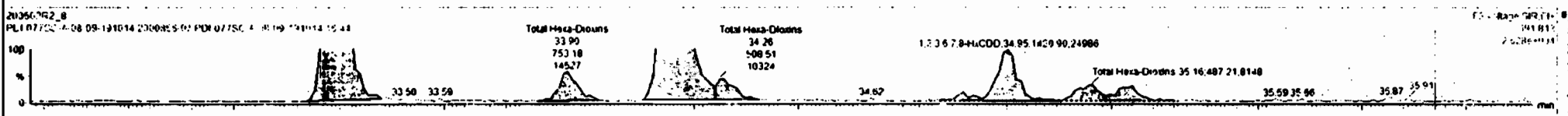
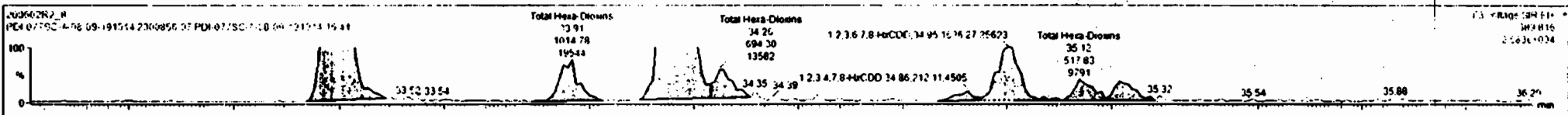


200602R2_8



Name	Resp	RA	dy	RRP	RRP	RT	RTT	Comp	SRoc	DL	EMPC
20 Total Tere-Dioxins				0.0003	10.029			1.70		0.0010	1.70
40 Total Penta-Dioxins				0.0001	10.025			1.44		0.172	1.44

Name	RT	net Resp	nc Resp	RA	dy	EMPC	Comp
1 Total Hexa-Dioxins	33.35	0.773e3	0.401e3	1.16	NO	14.125	14.125
2 Total Hexa-Chlorins	33.91	1.015e3	7.532e2	1.15	NO	1.3741	1.3741
3 Total Hexa-Dioxins	34.17	0.345e3	0.970e2	1.20	NO	11.499	11.909
4 Total Hexa-Dioxins	34.26	6.943e2	1.085e2	1.37	NO	0.53487	0.93433
5 1,2,3,4,7,8-HxCDD	34.86	2.121e2	1.922e2	1.10	NO	0.30172	0.30172
6 1,2,3,6,7,8-HxCDD	34.05	1.530e2	1.421e3	1.15	NO	1.164	7.1004
7 Total Hexa-Dioxins	35.12	5.170e2	4.872e2	1.06	NO	0.78111	0.78111
8 1,2,3,7,8,9-HxCDD	35.22	5.149e2	4.456e2	1.15	NO	0.75545	0.75545



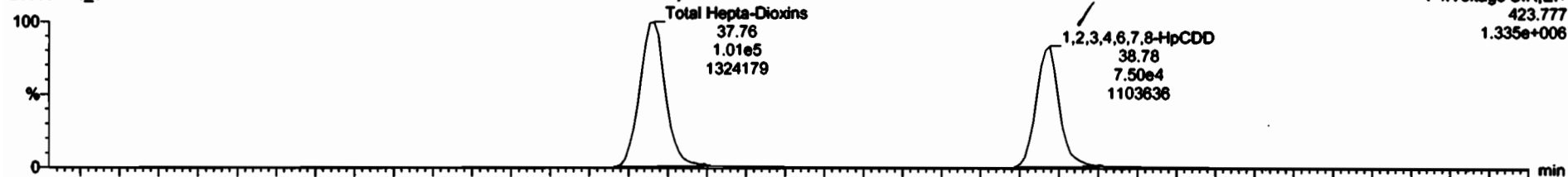
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

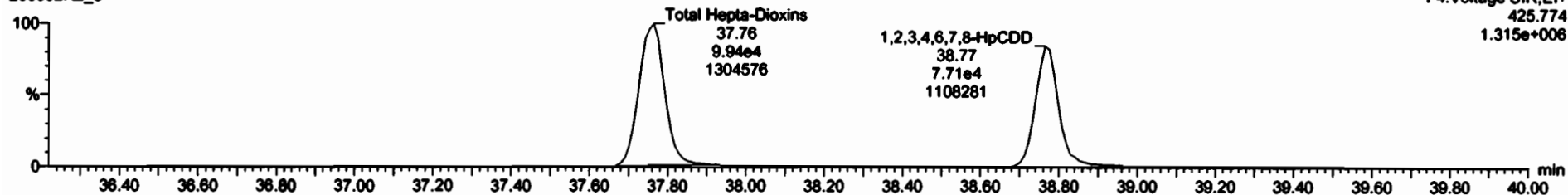
1,2,3,4,6,7,8-HpCDD

200602R2_8



F4:Voltage SIR,EI+
423.777
1.335e+006

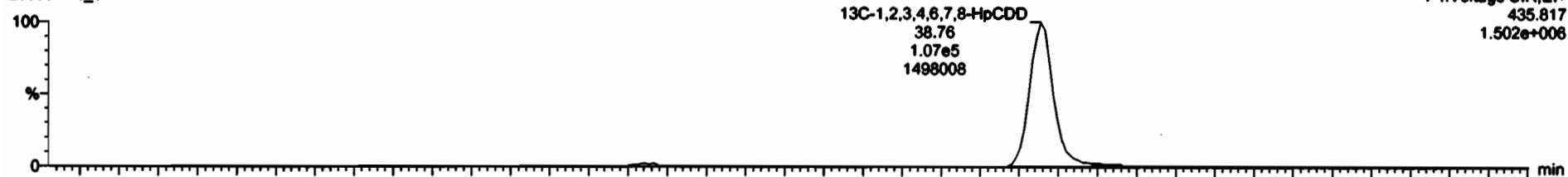
200602R2_8



F4:Voltage SIR,EI+
425.774
1.315e+006

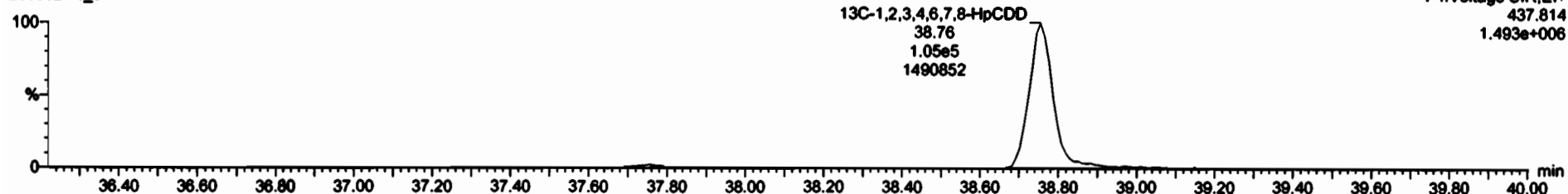
13C-1,2,3,4,6,7,8-HpCDD

200602R2_8



F4:Voltage SIR,EI+
435.817
1.502e+006

200602R2_8

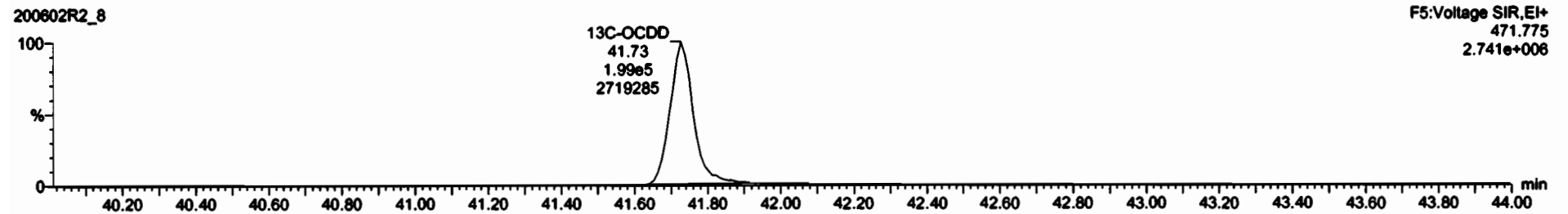
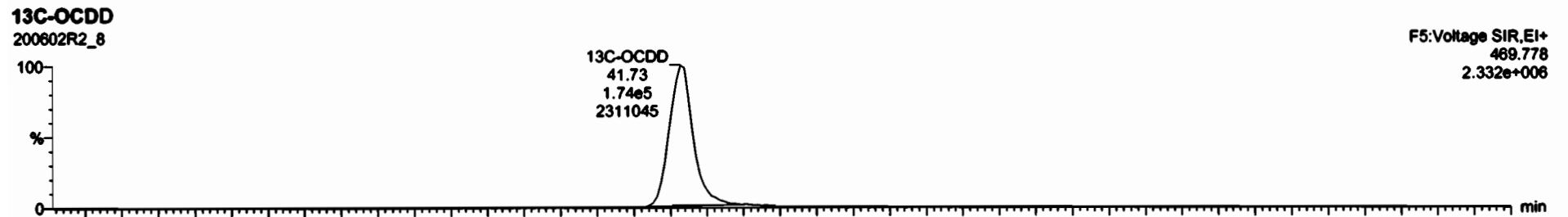
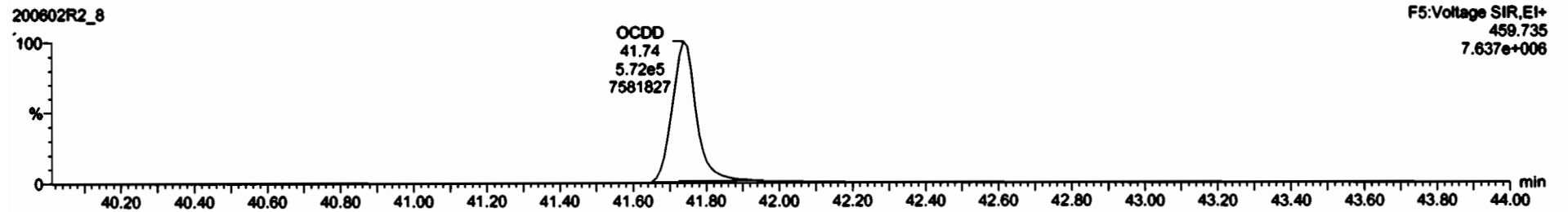
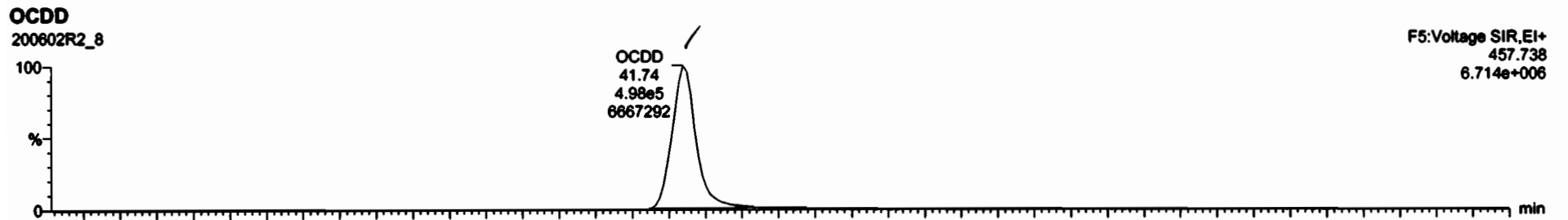


F4:Voltage SIR,EI+
437.814
1.493e+006

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

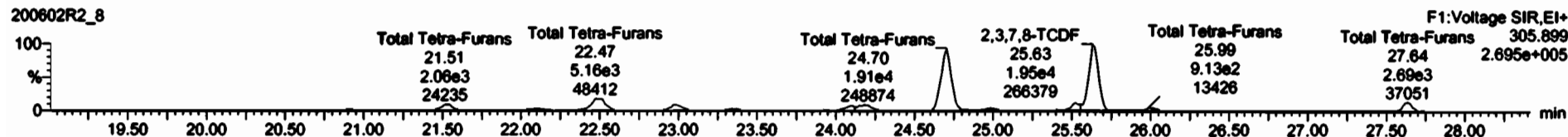
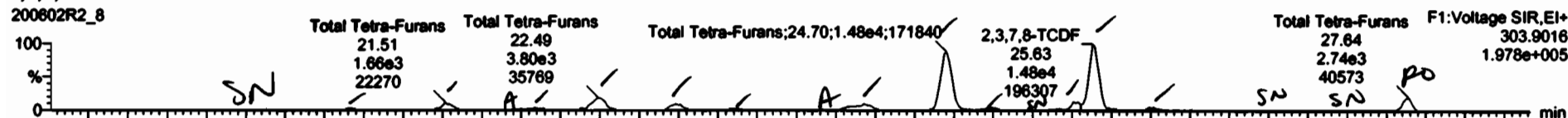


Dataset: Untitled

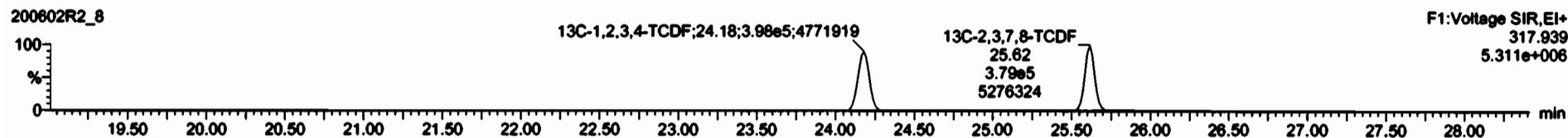
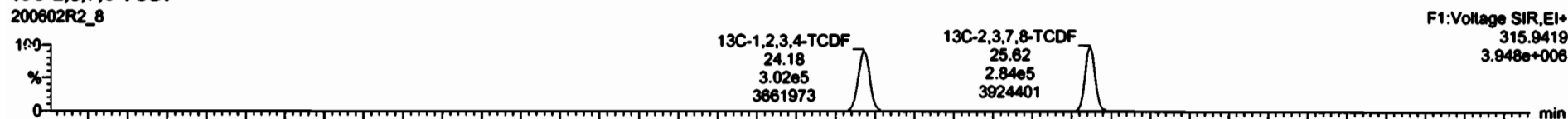
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

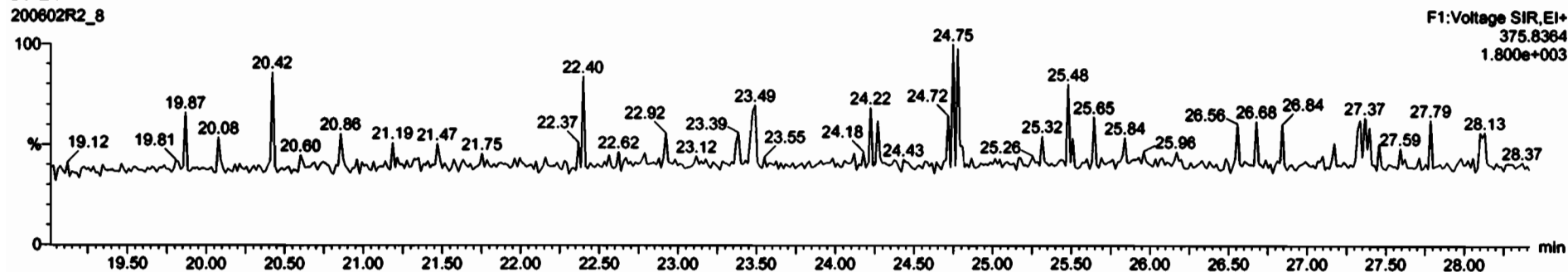
2,3,7,8-TCDF



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

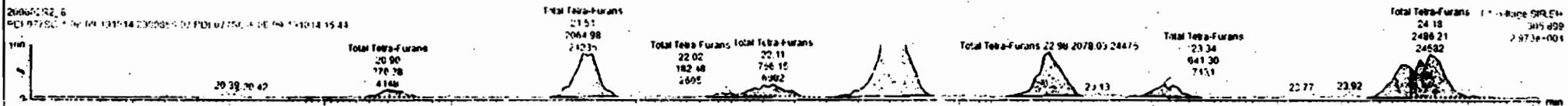
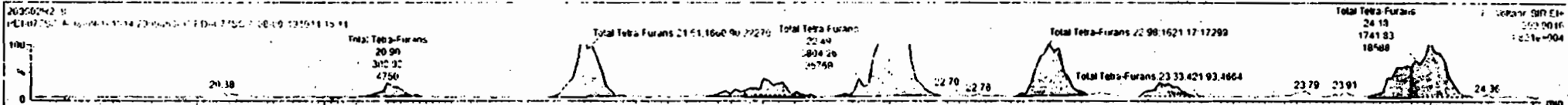


DPE1



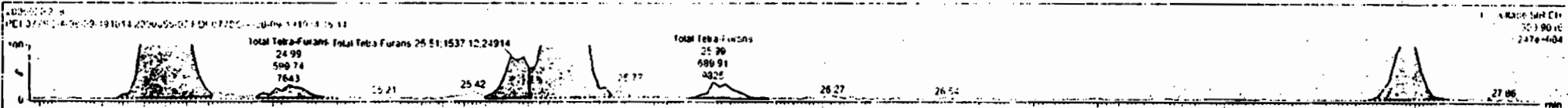
Name	Temp	RA	dy	OFF	Method	IT	DRT	Comp	Wfac	LA	EMPC
20080228.0										0.180	0.0
1st TFC (Tetra-Furans)				0.025	19.070						0.0

Name	Temp	RA	dy	OFF	Method	IT	DRT	Comp	Wfac	LA	EMPC
1	20.50	1.0000	1.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	21.51	1.0000	1.0000	0.00	NO	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	21.03	1.0000	1.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	22.02	0.7182	0.7182	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	22.40	0.7182	0.7182	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	22.02	0.7182	0.7182	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	22.02	0.7182	0.7182	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	24.70	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	24.70	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	24.70	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	24.56	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	25.51	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	24.53	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	22.53	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	22.68	0.0000	0.0000	0.00	NO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000



RT	Area	Height	Width	Area%	Height%	Width%	Area%	Height%	Width%	Area%	Height%	Width%
25.21	590.74	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
25.42	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
25.77	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
26.27	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
26.54	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
27.05	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

RT	Area	Height	Width	Area%	Height%	Width%	Area%	Height%	Width%	Area%	Height%	Width%
25.21	590.74	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
25.42	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
25.77	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
26.27	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
26.54	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
27.05	590.91	764.3	15.21	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

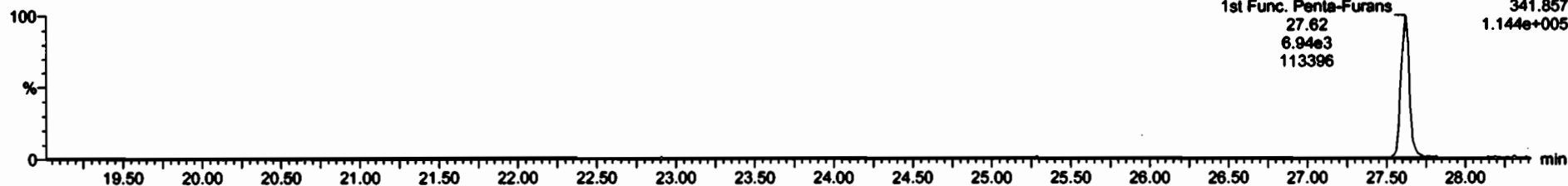
Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

1st Func. Penta-Furans

200602R2_8

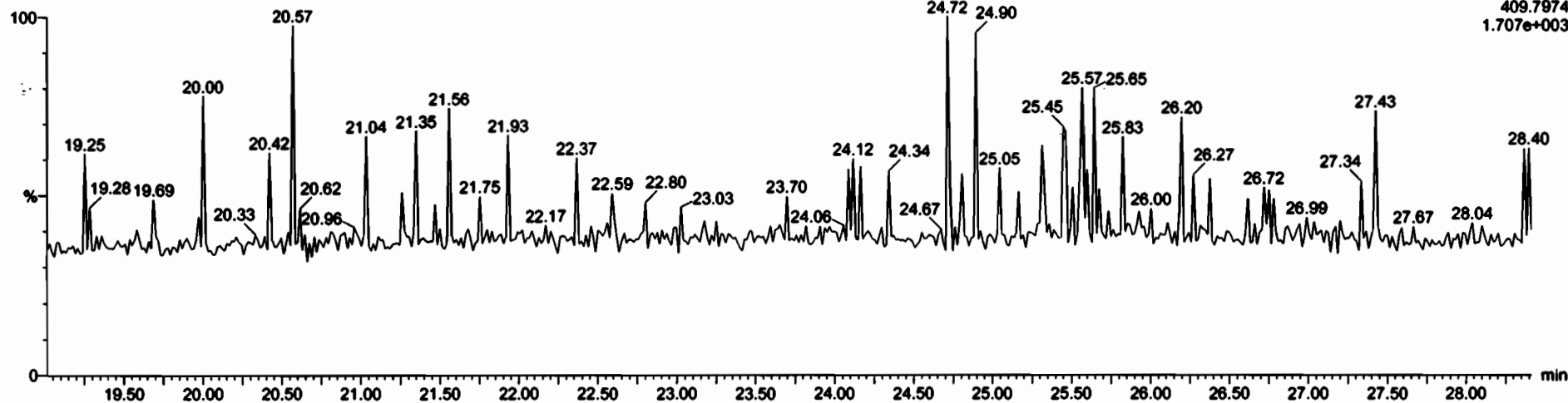


200602R2_8



DPE6

200602R2_8

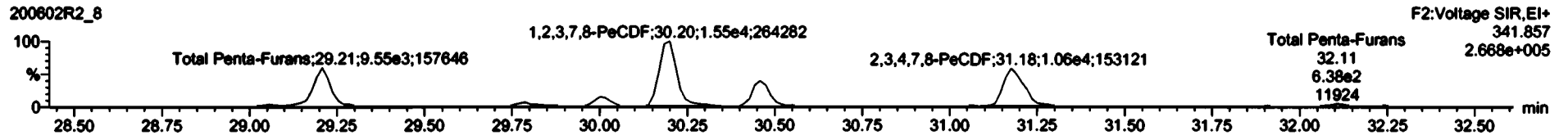
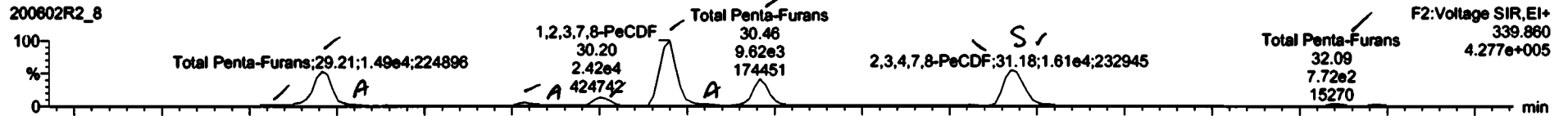


Dataset: Untitled

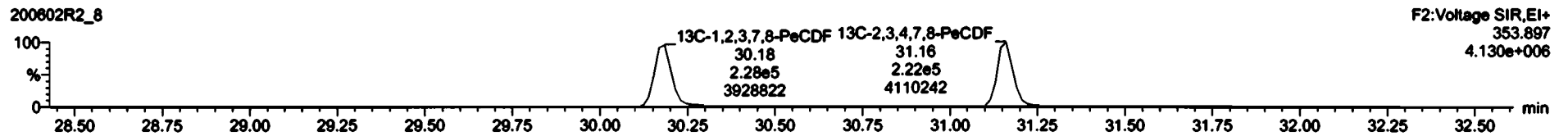
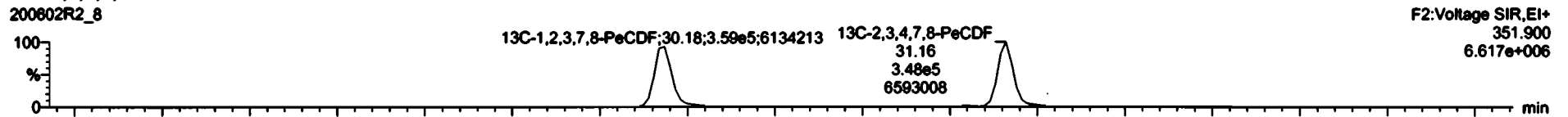
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

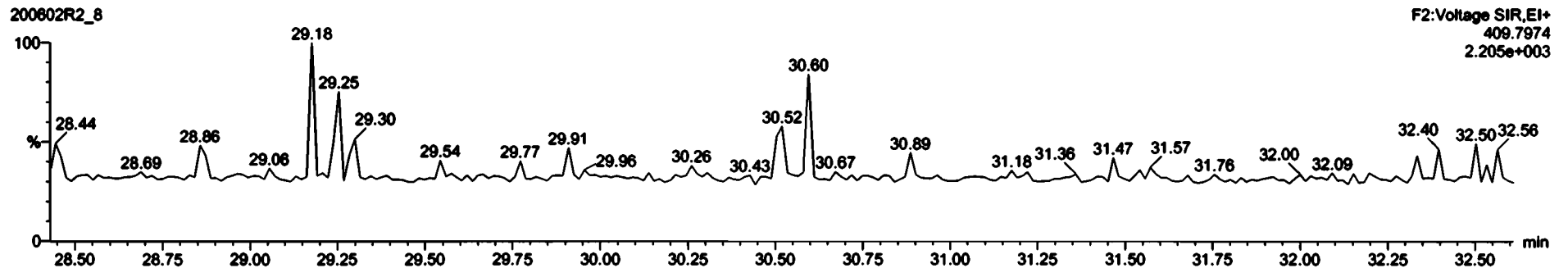
1,2,3,7,8-PeCDF



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

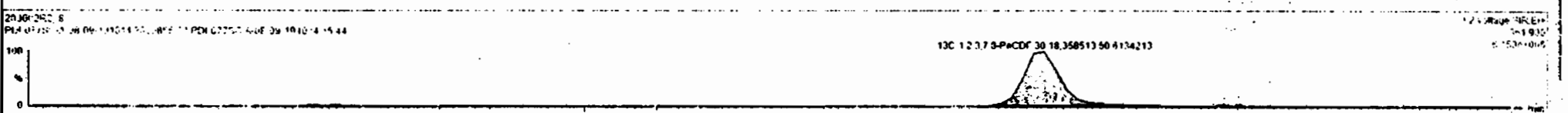
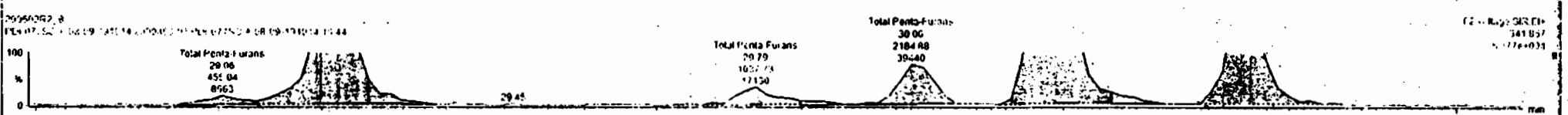
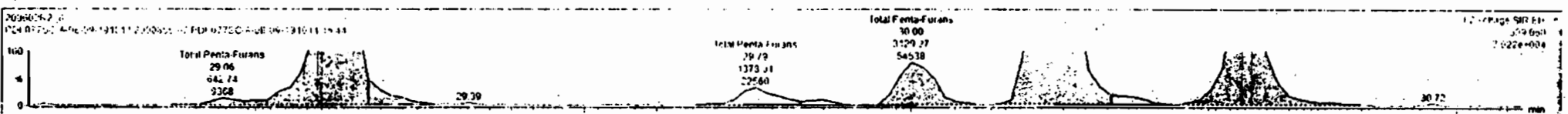


DPE2



Time	Area	RA	dy	RF	Wt%	RT	RRT	Conc.	Unit	LA	ENFC
43	Total Penta-Furans				0.7510	19.52		17.1		0.193	42.0
44	Total Penta-Furans				0.8024	19.02		6.82		0.073	2.25

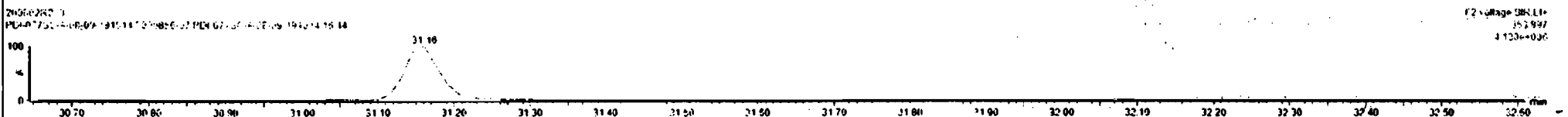
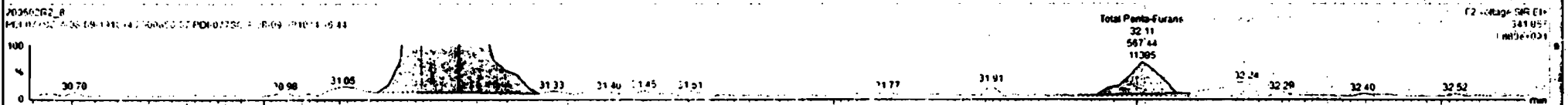
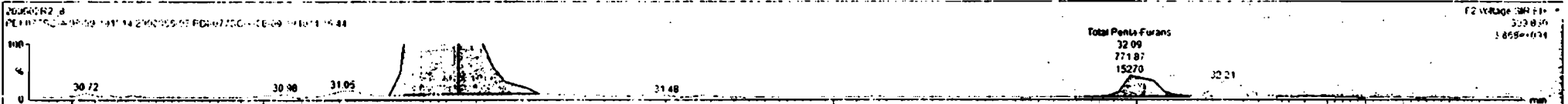
Peak	Area	RA	dy	RF	Wt%	RT	RRT	Conc.
1	Total Penta-Furans	18.06	8.427e2	4.556e2	1.41	NO	0.7272	0.5242
2	Total Penta-Furans	26.21	1.321e4	2.899e3	1.27	NO	3.7667	0.3900
3	Total Penta-Furans	29.27	8.082e2	5.789e2	1.77	NO	0.3678	0.0000
4	Total Penta-Furans	29.79	1.276e3	1.035e3	1.32	NO	0.5374	0.3374
5	Total Penta-Furans	29.86	2.861e2	1.732e2	1.40	NO	0.1731	0.1791
6	Total Penta-Furans	29.93	3.125e2	2.187e3	1.43	NO	0.2541	0.2540
7	1,2,3,7,8-PeCDF	30.20	2.388e4	1.517e4	1.56	NO	14.791	14.781
8	Total Penta-Furans	30.28	5.872e2	7.816e2	1.62	NO	0.3612	0.3613
9	Total Penta-Furans	30.46	9.076e2	4.573e3	1.62	NO	5.0421	0.9467
10	1,2,3,4,7,8-PeCDF	31.18	1.814e4	1.002e4	1.53	NO	10.615	10.312
11	Total Penta-Furans	32.09	7.719e2	5.365e2	1.21	YES	0.4462	0.0000
12	Total Penta-Furans	32.71	8.127e2	3.647e2	1.55	YES	0.2102	0.0000





Name	Resp	RA	dy	RF	WV	WT	RET	Comp	WRec	DL	EMPC
45	Total Penta-Furans			0.0341	10.020			39.0		0.100	39.0

Name	RF	WV	WT	RET	Comp	WRec	DL	EMPC
1	Total Penta-Furans	29.05	0.427e2	4.55e2	1.41	NO	0.42432	0.42432
2	Total Penta-Furans	29.21	1.307e4	0.699e3	1.75	NO	0.7862	0.00000
3	Total Penta-Furans	29.25	0.052e2	0.780e2	1.07	NO	0.50784	0.00000
4	Total Penta-Furans	29.79	1.376e3	1.039e3	1.12	NO	0.53274	0.92374
5	Total Penta-Furans	29.38	2.953e2	1.707e2	1.00	NO	0.17015	0.17015
6	Total Penta-Furans	31.00	1.179e2	2.185e3	1.43	NO	2.0540	2.0540
7	1,2,3,7,8-PeCDF	30.20	2.300e4	1.517e4	1.56	NO	14.701	14.701
8	Total Penta-Furans	30.28	5.912e2	2.516e2	1.05	NO	0.76130	0.76130
9	Total Penta-Furans	30.40	0.070e3	1.573e3	1.02	NO	0.0465	0.0465
10	2,3,4,7,8-PeCDF	31.13	1.225e4	7.911e3	1.05	NO	7.5073	7.5073
11	Total Penta-Furans	31.21	2.757e3	2.507e3	1.05	NO	2.4524	2.4524
12	Total Penta-Furans	32.00	7.715e2	5.074e2	1.06	NO	0.41707	0.41707

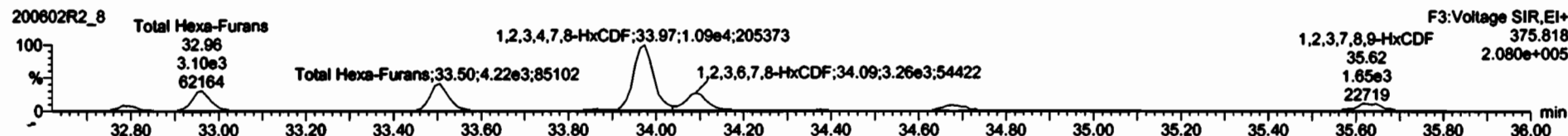
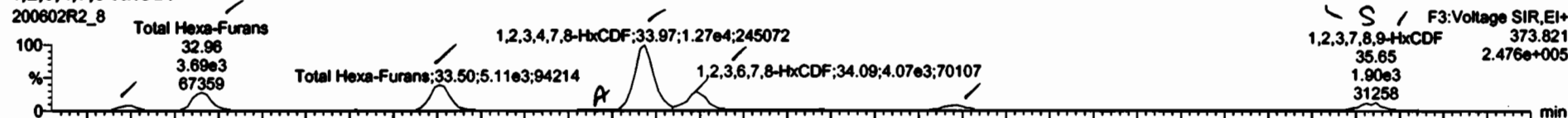


Dataset: Untitled

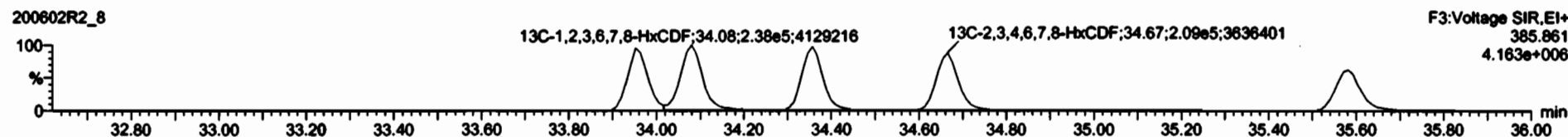
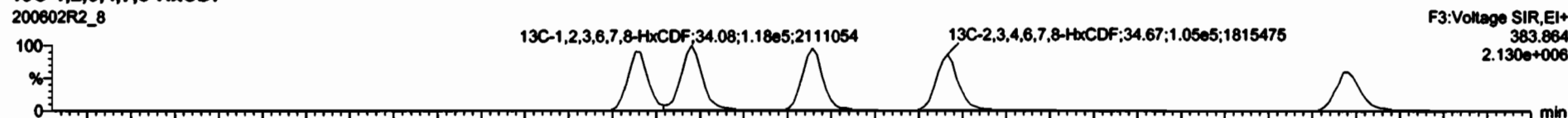
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

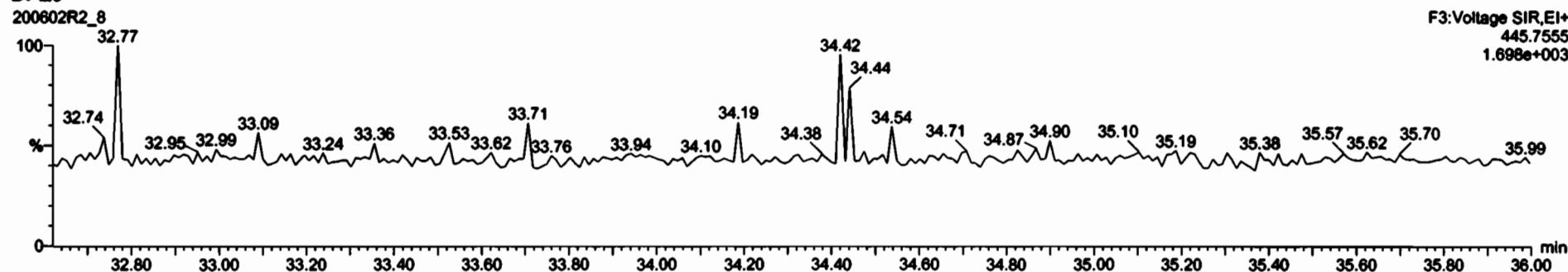
1,2,3,4,7,8-HxCDF



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



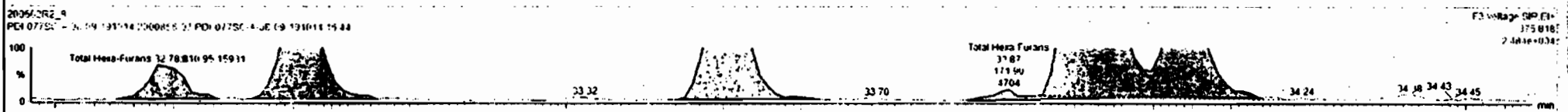
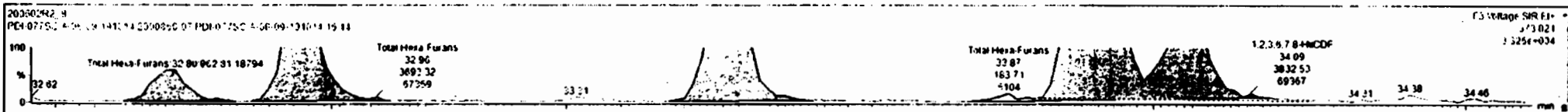
DPE3





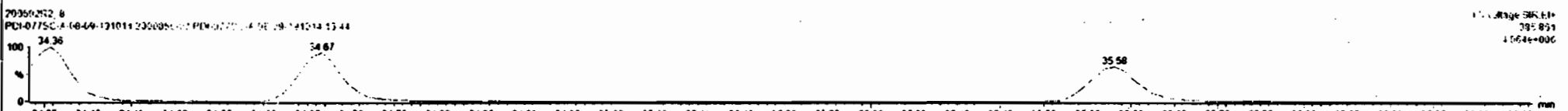
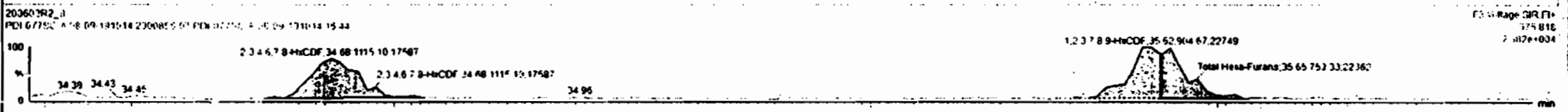
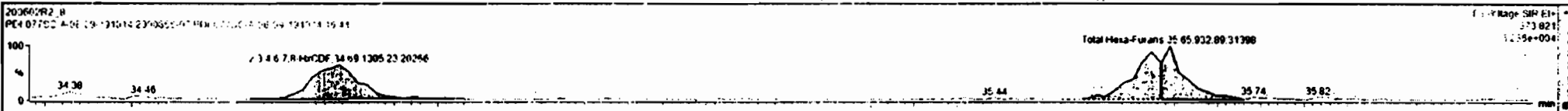
#	Name	Range	RA	off	RRF	up/val	RT	RRT	Conc.	%Rec	GL	EMPC
05	Total Penta-Furans				0.0575	19.825			35.2		3.143	44.7
06	Total Hexa-Furans								35.2		6.989	36.2

#	Name	RT	net Resp	std Resp	RA	off	RRF	Conc.
1	Total Hexa-Furans	32.80	9.670e2	2.100e2	1.19	NO	1.2255	1.2755
2	Total Hexa-Furans	32.95	3.693e3	3.181e3	1.19	NO	4.6854	4.6924
3	Total Hexa-Furans	33.51	5.110e3	4.220e3	1.21	NO	4.4462	6.4462
4	Total Hexa-Furans	33.87	1.637e2	1.719e2	1.07	NO	0.24505	0.24509
5	1,2,3,4,7,8-HxCDF	33.97	1.223e4	1.100e4	1.16	NO	17.434	17.484
6	1,2,3,6,7,8-HxCDF	34.09	3.831e3	3.174e3	1.21	NO	4.4075	4.4095
7	2,3,4,6,7,8-HxCDF	34.60	1.385e3	1.115e3	1.17	NO	1.6488	1.6468
8	1,2,3,7,8-HxCDF	35.65	1.982e3	1.651e3	1.15	NO	3.1767	3.1761



Name	Temp	RA	dy	RF	RF1	RF2	Comp	RFac	OL	EMPC
Total Hexa-Furans				0.912E	10.029		3E3		0.143	44.7
Total Hexa-Furans				0.912E	10.029		3E3		0.143	44.7

Name	RF	rel Resp	rel Resp	RA	dy	EMPC	Comp
1 Total Hexa-Furans	32.80	9.62E-2	8.10E-2	1.10	NO	1.22E5	1.22E5
2 Total Hexa-Furans	32.86	3.69E-1	3.10E-1	1.19	NO	4.69E4	4.69E4
3 Total Hexa-Furans	33.51	5.11E-1	4.22E-1	1.21	NO	8.44E2	6.44E2
4 Total Hexa-Furans	33.87	1.23E-2	1.71E-2	1.07	NO	6.14E-6	6.24E-6
5 1,2,3,4,7,8-HxCDF	33.97	1.2E-4	1.10E-4	1.18	NO	17.4E4	17.4E4
6 1,2,3,6,7,8-HxCDF	34.09	3.82E-2	3.17E-2	1.21	NO	4.40E5	4.40E5
7 2,3,4,6,7,8-HxCDF	34.89	1.30E-3	1.11E-3	1.17	NO	1.04E0	1.04E0
8 1,2,3,7,8-HxCDF	35.62	9.9E-1	9.04E-2	1.10	NO	1.08E1	1.08E1
9 Total Hexa-Furans	35.55	9.25E-2	7.53E-2	1.24	NO	1.46E0	1.46E0

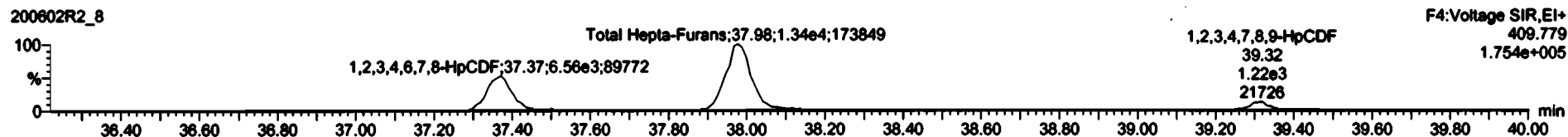
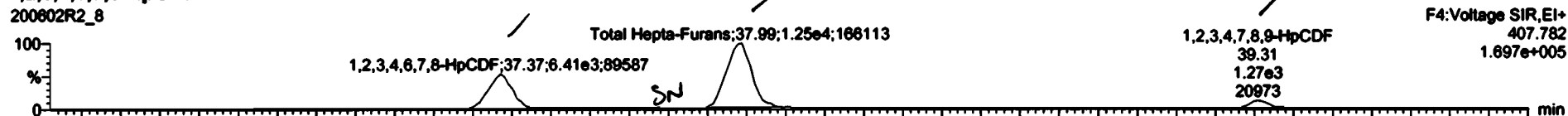


Dataset: Untitled

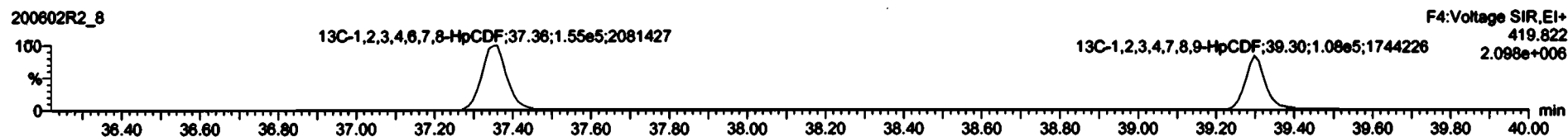
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

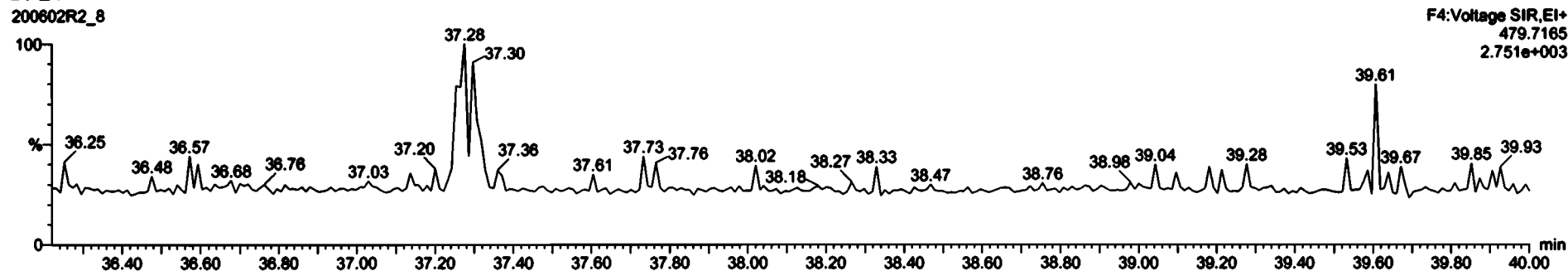
1,2,3,4,6,7,8-HpCDF



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

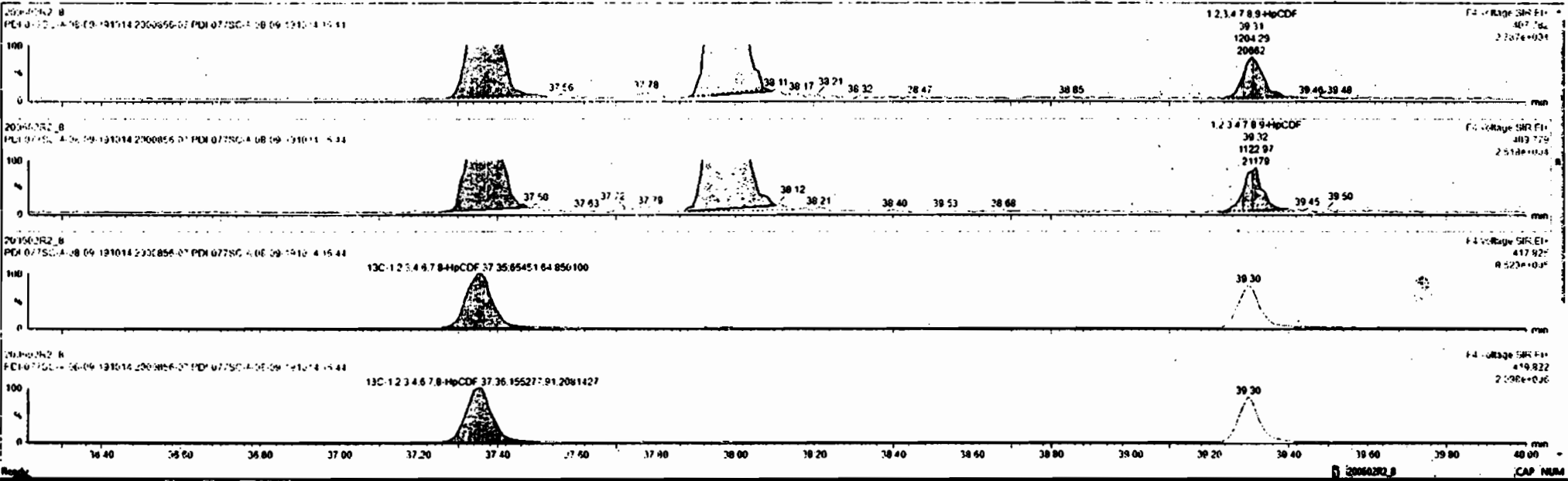


DPE4



Name	Resp	RA	dy	RP	width	RT	IRT	Conc.	%Rec	OL	EMPC
45	Total Penta-Furans			0.6525	19.029			35.3	0.3+3	14.7	
46	Total Hexa-Furans			0.6341	19.029			33.9	2.100	15.4	

Name	ID	int Resp	ext Resp	RA	dy	EMPC	Conc.
1	1,2,3,4,6,7,8-HpCDF	37.37	6.254e3	6.565e3	0.35	NO	17.268
2	Total Hepta-Furans	37.89	1.263e4	1.313e4	0.36	NO	31.696
3	1,2,3,4,7,8,6-HpCDF	39.31	1.204e2	1.123e3	1.07	RT	1.0479

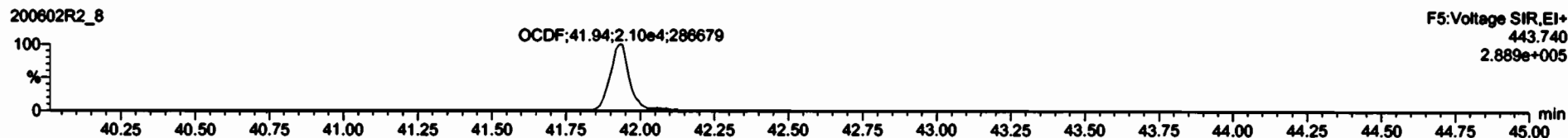
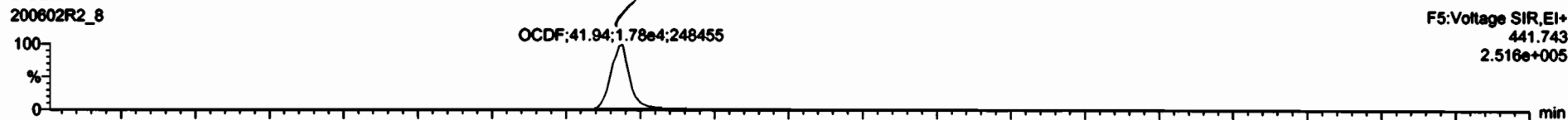


Dataset: Untitled

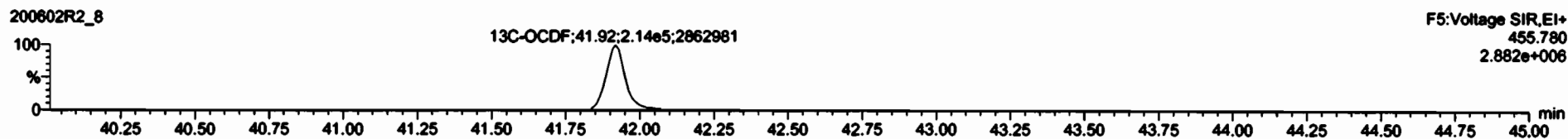
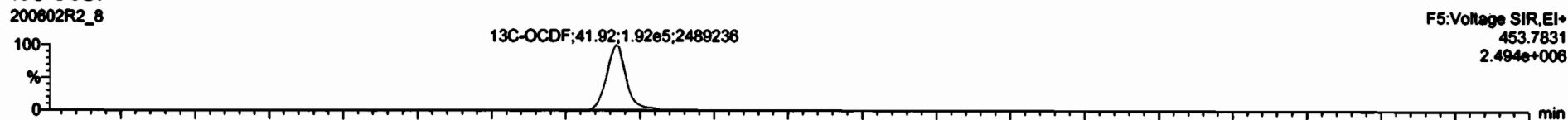
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

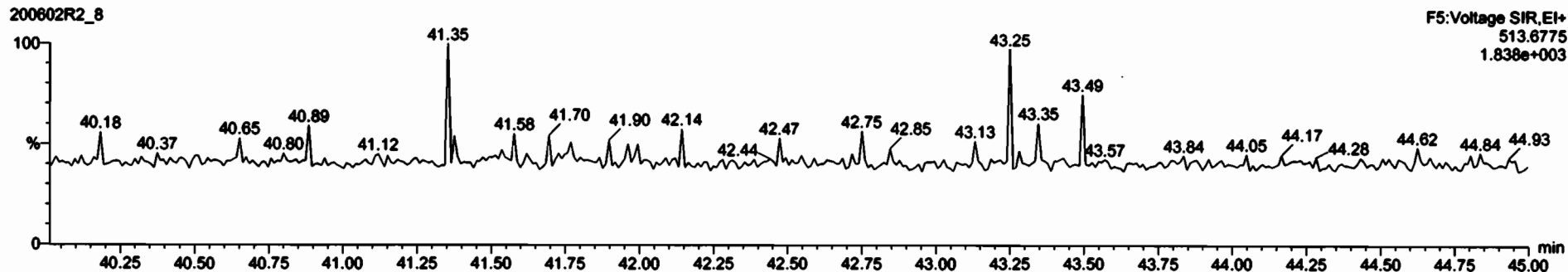
OCDF



13C-OCDF



DPE5

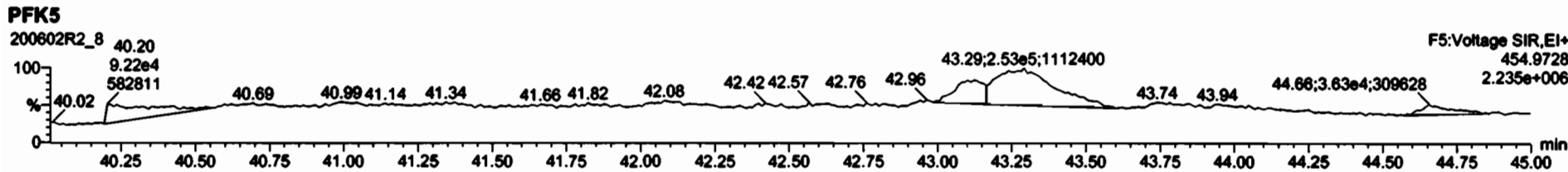
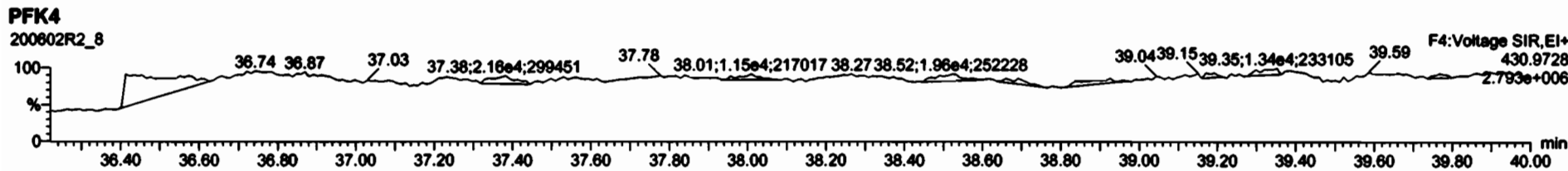
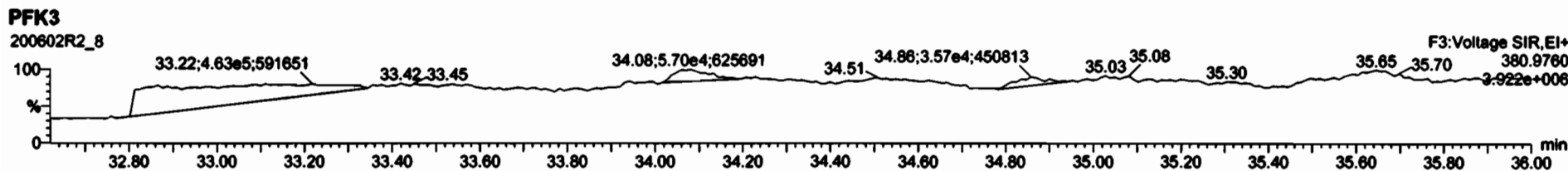
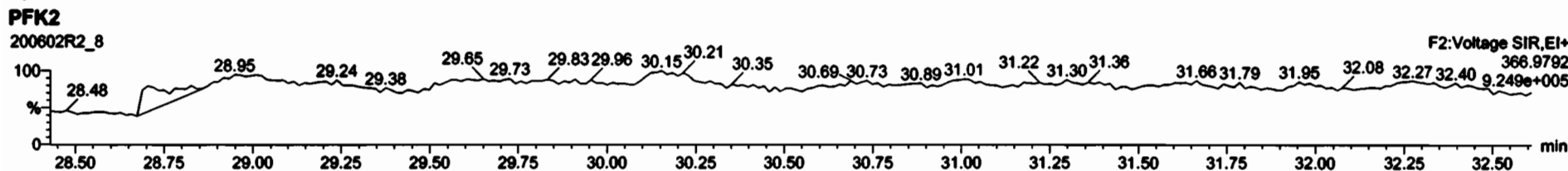
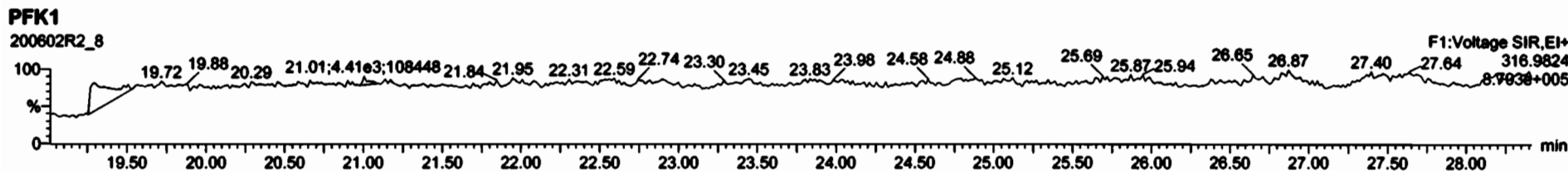


Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_8, Date: 02-Jun-2020, Time: 20:44:28, ID: 2000856-07 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-7.qld

Last Altered: Wednesday, June 03, 2020 3:36:06 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:36:34 PM Pacific Daylight Time

GRB 06/03/2020

C7 06/04/2020

Method: Untitled 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\ldb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

Peak	Name	Area	RA	NY	RRF	Wave	Prod RT	Ref	Prod RRT	Ref	Area	Area	Area	
1	2,3,7,8-TCDD	1.07e3	0.54	YES	0.888	10.016	26.531	26.53	1.001	1.001	0.42475	0.165	0.341	
2	1,2,3,7,8-PeCDD	9.08e2	0.57	NO	0.908	10.016	31.488	31.47	1.001	1.000	0.50354	0.160	0.504	
3	1,2,3,4,7,8-HxCDD	4.32e2	1.22	NO	1.03	10.016	34.835	34.85	1.000	1.001	0.34337	0.291	0.343	
4	1,2,3,6,7,8-HxCDD	2.16e3	1.13	NO	0.892	10.016	34.932	34.96	1.000	1.001	1.5922	0.298	1.59	
5	1,2,3,7,8,9-HxCDD	1.14e3	1.32	NO	0.887	10.016	35.220	35.22	1.000	1.000	0.95344	0.344	0.953	
6	1,2,3,4,6,7,8-HpCDD	7.62e4	0.94	NO	0.864	10.016	38.757	38.77	1.000	1.001	89.120	0.804	89.1	
7	OCDD	9.41e5	0.87	NO	0.914	10.016	41.738	41.75	1.000	1.000	1133.6	1.00	1130	
8	2,3,7,8-TCDF	4.41e4	0.72	NO	0.751	10.016	25.641	25.63	1.001	1.001	17.694	(15.9)	0.175	17.7
9	1,2,3,7,8-PeCDF	2.50e4	1.47	NO	0.893	10.016	30.205	30.20	1.001	1.001	10.302	0.163	10.3	
10	2,3,4,7,8-PeCDF	1.44e4	1.49	NO	0.935	10.016	31.180	31.18	1.001	1.000	5.6435	0.143	5.64	
11	1,2,3,4,7,8-HxCDF	2.16e4	1.17	NO	0.884	10.016	33.952	33.96	1.000	1.000	16.792	0.225	16.8	
12	1,2,3,6,7,8-HxCDF	6.66e3	1.22	NO	0.889	10.016	34.079	34.09	1.000	1.001	4.5054	0.209	4.51	
13	2,3,4,6,7,8-HxCDF	2.49e3	1.24	NO	0.934	10.016	34.701	34.68	1.001	1.000	1.7576	0.231	1.76	
14	1,2,3,7,8,9-HxCDF	1.14e3	1.09	NO	0.871	10.016	35.582	35.62	1.000	1.001	1.0749	0.338	1.07	
15	1,2,3,4,6,7,8-HpCDF	1.72e4	0.98	NO	0.873	10.016	37.387	37.36	1.001	1.000	19.019	0.311	19.0	
16	1,2,3,4,7,8,9-HpCDF	2.52e3	0.90	NO	1.01	10.016	39.299	39.30	1.000	1.000	3.5193	0.353	3.52	
17	OCDF	2.60e4	0.89	NO	0.806	10.016	41.929	41.94	1.000	1.000	35.056	0.284	35.1	
18	13C-2,3,7,8-TCDD	5.64e5	0.79	NO	1.16	10.016	26.538	26.50	1.026	1.025	185.94	93.1	0.262	
19	13C-1,2,3,7,8-PeCDD	3.96e5	0.61	NO	0.849	10.016	31.729	31.47	1.227	1.217	177.85	89.1	0.372	
20	13C-1,2,3,4,7,8-HxCDD	2.43e5	1.24	NO	0.779	10.016	34.841	34.83	1.014	1.014	195.73	96.0	0.642	
21	13C-1,2,3,6,7,8-HxCDD	3.04e5	1.25	NO	1.02	10.016	34.955	34.93	1.017	1.017	167.59	93.9	0.492	
22	13C-1,2,3,7,8,9-HxCDD	2.70e5	1.22	NO	0.903	10.016	35.226	35.21	1.025	1.025	187.92	94.1	0.554	
23	13C-1,2,3,4,6,7,8-HpCDD	1.98e5	1.02	NO	0.689	10.016	38.751	38.74	1.128	1.128	179.91	90.1	0.737	
24	13C-OCDD	3.63e5	0.88	NO	0.652	10.016	41.775	41.74	1.216	1.215	349.36	87.5	0.743	
25	13C-2,3,7,8-TCDF	6.62e5	0.77	NO	1.06	10.016	25.578	25.61	0.989	0.991	177.36	88.8	0.454	
26	13C-1,2,3,7,8-PeCDF	5.43e5	1.56	NO	0.838	10.016	30.111	30.18	1.165	1.167	183.77	92.0	0.433	
27	13C-2,3,4,7,8-PeCDF	5.45e5	1.53	NO	0.817	10.016	31.065	31.16	1.202	1.205	189.24	94.8	0.444	
28	13C-1,2,3,4,7,8-HxCDF	2.91e5	0.49	NO	1.01	10.016	33.972	33.95	0.989	0.988	181.07	90.7	0.920	
29	13C-1,2,3,6,7,8-HxCDF	3.32e5	0.51	NO	1.17	10.016	34.096	34.07	0.992	0.992	178.41	89.3	0.794	
30	13C-2,3,4,6,7,8-HxCDF	3.03e5	0.48	NO	1.02	10.016	34.670	34.67	1.009	1.009	185.98	93.1	0.907	
31	13C-1,2,3,7,8,9-HxCDF	2.44e5	0.51	NO	0.860	10.016	35.570	35.58	1.035	1.036	177.89	89.1	1.08	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-7.qld

Last Altered: Wednesday, June 03, 2020 3:36:06 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:36:34 PM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

32	13C-1,2,3,4,6,7,8-HpCDF	2.06e5	0.41	NO	0.774	10.016	37.319	37.35	1.086	1.087	167.25	83.8	0.617	
33	13C-1,2,3,4,7,8,9-HpCDF	1.41e5	0.39	NO	0.521	10.018	39.349	39.30	1.145	1.144	169.90	85.1	0.918	
34	13C-OCDF	3.67e5	0.88	NO	0.746	10.016	41.946	41.93	1.221	1.220	308.52	77.3	0.461	
35	37Cl-2,3,7,8-TCDD	2.11e5			1.04	10.016	26.569	26.53	1.028	1.028	77.460	97.0	0.113	
36	13C-1,2,3,4-TCDD	5.24e5	0.79	NO	1.00	10.016	25.890	25.85	1.000	1.000	199.69	100	0.303	
37	13C-1,2,3,4-TCDF	7.04e5	0.76	NO	1.00	10.018	24.360	24.18	1.000	1.000	199.69	100	0.481	
38	13C-1,2,3,4,6,9-HxCDF	3.18e5	0.49	NO	1.00	10.016	34.420	34.36	1.000	1.000	199.69	100	0.927	
39	Total Tetra-Dioxins				0.888	10.016	24.620		0.000		0.23976		0.103	0.581
40	Total Penta-Dioxins				0.908	10.016	29.960		0.000		2.6761		0.160	3.16
41	Total Hexa-Dioxins				0.892	10.016	33.635		0.000		23.315		0.324	23.3
42	Total Hepta-Dioxins				0.864	10.016	37.640		0.000		222.12		0.804	222
43	Total Tetra-Furans				0.751	10.016	23.610		0.000		59.496		0.175	60.1
44	1st Func. Penta-Furans				0.893	10.016	27.580		0.000		9.4681		0.0359	9.47
45	Total Penta-Furans				0.893	10.016	29.275		0.000		34.946		0.156	35.3
46	Total Hexa-Furans				0.934	10.016	33.555		0.000		41.923		0.235	41.9
47	Total Hepta-Furans				0.873	10.016	37.835		0.000		50.175		0.351	50.2

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-7.qld

Last Altered: Wednesday, June 03, 2020 3:36:06 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 3:36:34 PM Pacific Daylight Time

Method: Untitled 01 Jun 2020 11:54:45
 Calibration: U:\VG12.PRO\CurveDB\cb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

Tetra-Dioxins

	Area	Height	m1 Resp	m2 Resp	FR	IS	CF	CF2	CF3	CF4	
Total Tetra-Dioxins	26.24	4.082e3	2.985e3	2.797e2	3.224e2	0.87	NO	6.021e2	0.23978	0.23978	0.103
2,3,7,8-TCDD	26.53	8.732e3	1.174e4	3.730e2	6.936e2	0.54	YES	1.067e3	0.00000	0.34142	0.103

Penta-Dioxins

	Area	Height	m1 Resp	m2 Resp	FR	IS	CF	CF2	CF3	CF4	
Total Penta-Dioxins	29.27	1.132e4	1.958e4	9.067e2	1.391e3	0.65	NO	2.298e3	1.2746	1.2746	0.160
Total Penta-Dioxins	29.73	6.676e3	5.775e3	2.650e2	2.935e2	0.90	YES	0.000e0	0.00000	0.26543	0.160
Total Penta-Dioxins	30.25	8.616e3	1.608e4	4.309e2	7.620e2	0.57	NO	1.193e3	0.66177	0.66177	0.160
Total Penta-Dioxins	30.38	4.457e3	4.911e3	2.080e2	2.399e2	0.87	YES	0.000e0	0.00000	0.21693	0.160
Total Penta-Dioxins	30.46	3.519e3	6.672e3	1.718e2	2.540e2	0.68	NO	4.259e2	0.23625	0.23625	0.160
1,2,3,7,8-PeCDD	31.47	7.222e3	1.084e4	3.296e2	5.781e2	0.57	NO	9.077e2	0.50354	0.50354	0.160

Hexa-Dioxins

	Area	Height	m1 Resp	m2 Resp	FR	IS	CF	CF2	CF3	CF4	
Total Hexa-Dioxins	33.35	1.440e5	1.139e5	7.250e3	5.809e3	1.25	NO	1.306e4	10.729	10.729	0.324
Total Hexa-Dioxins	33.91	1.768e4	1.326e4	1.036e3	7.564e2	1.37	NO	1.792e3	1.4726	1.4726	0.324
Total Hexa-Dioxins	34.14	6.892e4	6.450e4	4.889e3	4.206e3	1.16	NO	9.094e3	7.4714	7.4714	0.324
Total Hexa-Dioxins	34.23	5.326e3	4.772e3	3.523e2	2.740e2	1.29	NO	6.263e2	0.51456	0.51456	0.324
1,2,3,4,7,8-HxCDD	34.85	5.570e3	4.266e3	2.369e2	1.949e2	1.22	NO	4.318e2	0.34337	0.34337	0.291
1,2,3,6,7,8-HxCDD	34.96	1.954e4	1.603e4	1.147e3	1.015e3	1.13	NO	2.162e3	1.5922	1.5922	0.298
Total Hexa-Dioxins	35.12	3.722e3	4.181e3	1.491e2	1.412e2	1.06	NO	2.903e2	0.23851	0.23851	0.324
1,2,3,7,8,9-HxCDD	35.22	9.817e3	7.752e3	6.514e2	4.933e2	1.32	NO	1.145e3	0.95344	0.95344	0.344

Hepta-Dioxins

	Area	Height	m1 Resp	m2 Resp	FR	IS	CF	CF2	CF3	CF4	
Total Hepta-Dioxins	37.75	7.567e5	7.365e5	5.716e4	5.654e4	1.01	NO	1.137e5	133.00	133.00	0.804
1,2,3,4,6,7,8-HpCDD	38.77	5.294e5	5.434e5	3.690e4	3.929e4	0.94	NO	7.618e4	89.120	89.120	0.804

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-7.qld

Last Altered: Wednesday, June 03, 2020 3:36:06 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:36:34 PM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

Tetra-Furans

	Peak	Area	Height	m1	m2	Ratio	Isot	Label	Area	Height	Area	Height
Total Tetra-Furans	20.41	2.946e3	5.903e3	2.470e2	3.866e2	0.64	YES	0.000e0	0.00000	0.22796	0.175	
Total Tetra-Furans	20.92	7.796e3	6.641e3	4.666e2	5.661e2	0.82	NO	1.033e3	0.41469	0.41469	0.175	
Total Tetra-Furans	21.53	7.840e4	1.025e5	6.662e3	9.104e3	0.73	NO	1.577e4	6.3309	6.3309	0.175	
Total Tetra-Furans	22.02	5.179e3	5.540e3	3.089e2	3.531e2	0.87	NO	0.000e0	0.00000	0.26583	0.175	
Total Tetra-Furans	22.10	7.459e3	1.075e4	7.665e2	1.170e3	0.85	NO	1.937e3	0.77775	0.77775	0.175	
Total Tetra-Furans	22.50	5.229e4	5.798e4	4.920e3	6.401e3	0.77	NO	1.132e4	4.5462	4.5462	0.175	
Total Tetra-Furans	23.00	1.972e4	2.782e4	1.755e3	2.366e3	0.74	NO	4.121e3	1.6551	1.6551	0.175	
Total Tetra-Furans	23.15	1.912e3	2.753e3	1.515e2	2.073e2	0.73	NO	0.000e0	0.00000	0.14408	0.175	
Total Tetra-Furans	23.35	8.252e3	1.344e4	6.601e2	8.925e2	0.74	NO	1.553e3	0.62350	0.62350	0.175	
Total Tetra-Furans	24.10	2.062e4	2.732e4	1.327e3	1.837e3	0.72	NO	3.164e3	1.2707	1.2707	0.175	
Total Tetra-Furans	24.18	5.753e4	8.605e4	5.865e3	7.741e3	0.76	NO	1.361e4	5.4638	5.4638	0.175	
Total Tetra-Furans	24.70	1.819e5	2.523e5	1.436e4	2.052e4	0.70	NO	3.488e4	14.005	14.005	0.175	
Total Tetra-Furans	25.54	5.591e4	7.919e4	3.950e3	5.807e3	0.68	NO	9.757e3	3.9180	3.9180	0.175	
2,3,7,8-TCDF	25.63	2.494e5	3.811e5	1.846e4	2.560e4	0.72	NO	4.406e4	17.694	17.694	0.175	
Total Tetra-Furans	26.00	1.226e4	2.005e4	9.166e2	1.379e3	0.66	NO	2.296e3	0.92188	0.92188	0.175	
Total Tetra-Furans	27.64	3.167e4	3.944e4	2.174e3	2.496e3	0.87	NO	4.669e3	1.8751	1.8751	0.175	

Penta-Furans function 1

	Peak	Area	Height	m1	m2	Ratio	Isot	Label	Area	Height	Area	Height
1st Func. Penta-Furans	27.62	2.330e5	1.488e5	1.382e4	9.194e3	1.50	NO	2.301e4	9.4681	9.4681	0.0359	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-7.qld

Last Altered: Wednesday, June 03, 2020 3:36:06 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 3:36:34 PM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

Penta-Furans

Peak	Height	m2 Height	m1 Resp	m2 Resp	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
Total Penta-Furans	29.06	1.186e4	5.998e3	4.904e2	2.937e2	1.67	NO	7.841e2	0.32257	0.32257	0.156	
Total Penta-Furans	29.21	1.677e5	1.254e5	1.276e4	8.659e3	1.47	NO	2.142e4	8.8111	8.8111	0.156	
Total Penta-Furans	29.79	6.800e4	4.538e4	3.564e3	2.498e3	1.43	NO	6.063e3	2.4941	2.4941	0.156	
Total Penta-Furans	29.83	1.427e4	7.762e3	5.025e2	3.466e2	1.45	NO	0.000e0	0.00000	0.34931	0.156	
Total Penta-Furans	30.02	4.828e4	2.688e4	2.356e3	1.538e3	1.53	NO	3.895e3	1.6022	1.6022	0.156	
1,2,3,7,8-PeCDF	30.20	2.945e5	1.869e5	1.486e4	1.014e4	1.47	NO	2.500e4	10.302	10.302	0.163	
Total Penta-Furans	30.26	1.108e4	7.481e3	4.659e2	3.260e2	1.43	NO	7.919e2	0.32578	0.32578	0.156	
Total Penta-Furans	30.46	9.568e4	6.475e4	5.075e3	3.493e3	1.45	NO	8.568e3	3.5247	3.5247	0.156	
2,3,4,7,8-PeCDF	31.18	1.656e5	1.185e5	8.619e3	5.773e3	1.49	NO	1.439e4	5.6435	5.6435	0.143	
Total Penta-Furans	31.21	1.041e5	5.478e4	2.409e3	1.563e3	1.54	NO	3.972e3	1.6343	1.6343	0.156	
Total Penta-Furans	32.09	8.017e3	6.130e3	4.257e2	2.692e2	1.58	NO	6.949e2	0.28586	0.28586	0.156	

Hexa-Furans

Peak	Height	m2 Height	m1 Resp	m2 Resp	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
Total Hexa-Furans	32.79	3.192e4	3.357e4	1.755e3	1.430e3	1.23	NO	3.185e3	2.3298	2.3298	0.235	
Total Hexa-Furans	32.96	8.942e4	7.613e4	4.837e3	3.935e3	1.23	NO	8.772e3	6.4164	6.4164	0.235	
Total Hexa-Furans	33.51	1.124e5	1.002e5	5.883e3	5.077e3	1.16	NO	1.096e4	8.0169	8.0169	0.235	
1,2,3,4,7,8-HxCDF	33.96	2.203e5	1.760e5	1.168e4	9.944e3	1.17	NO	2.162e4	16.792	16.792	0.225	
1,2,3,6,7,8-HxCDF	34.09	6.772e4	5.188e4	3.662e3	2.995e3	1.22	NO	6.656e3	4.5054	4.5054	0.209	
2,3,4,6,7,8-HxCDF	34.68	2.268e4	1.899e4	1.380e3	1.110e3	1.24	NO	2.490e3	1.7576	1.7576	0.231	
1,2,3,7,8,9-HxCDF	35.62	1.969e4	1.682e4	5.956e2	5.464e2	1.09	NO	1.142e3	1.0749	1.0749	0.338	
Total Hexa-Furans	35.63	2.138e4	1.683e4	7.430e2	6.651e2	1.12	NO	1.408e3	1.0300	1.0300	0.235	

Hepta-Furans

Peak	Height	m2 Height	m1 Resp	m2 Resp	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH
1,2,3,4,6,7,8-HpCDF	37.36	1.151e5	1.174e5	8.506e3	8.666e3	0.98	NO	1.717e4	19.019	19.019	0.311	
Total Hepta-Furans	37.98	1.323e5	1.362e5	1.028e4	1.074e4	0.96	NO	2.100e4	27.637	27.637	0.351	
1,2,3,4,7,8,9-HpCDF	39.30	1.958e4	2.139e4	1.192e3	1.326e3	0.90	NO	2.518e3	3.5193	3.5193	0.353	

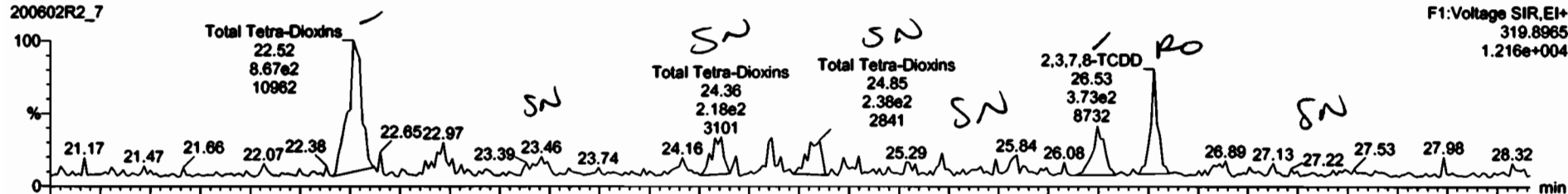
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

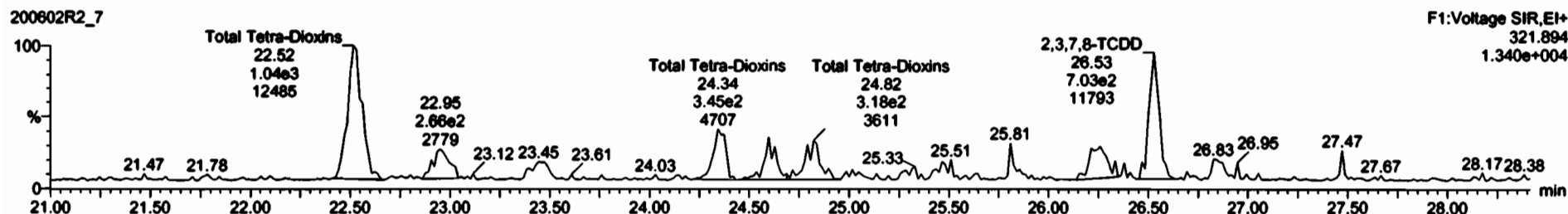
2,3,7,8-TCDD

200602R2_7



F1: Voltage SIR, EI+
319.8965
1.216e+004

200602R2_7



F1: Voltage SIR, EI+
321.894
1.340e+004

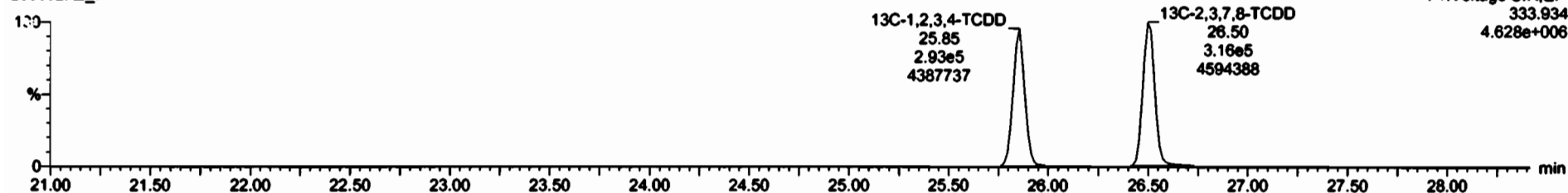
13C-2,3,7,8-TCDD

200602R2_7



F1: Voltage SIR, EI+
331.9368
3.576e+006

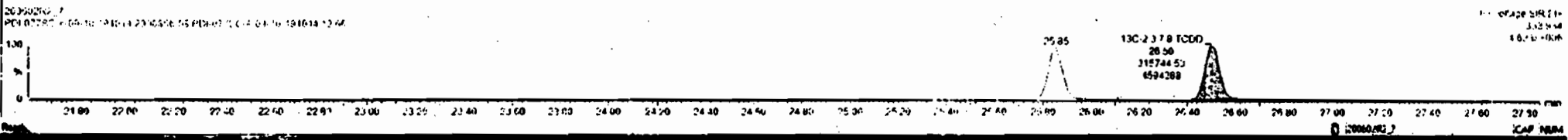
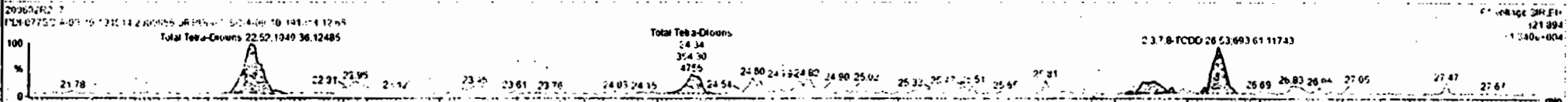
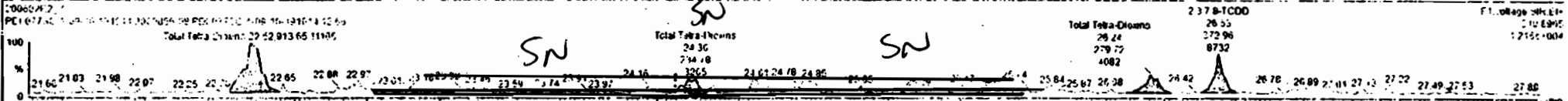
200602R2_7



F1: Voltage SIR, EI+
333.934
4.628e+006

Name	Resp	SA	dy	QSP	Method	BT	QSI	Comp	Offset	CL	EMPC
Total Tetra-Dioxins				0.0001	10.01E					0.100	2.51

Name	ICF	net Resp	net Resp	SA	dy	EMPC	Peak
1 Total Tetra-Dioxins	1.17	1.17e-05	1.04e-03	0.00	ND	0.77816	7.7816
2 Total Tetra-Dioxins	1.38	1.38e-05	1.14e-02	0.00	ND	0.23660	2.3660
3 Total Tetra-Dioxins	1.04	2.79e-02	2.22e-02	0.07	NC	0.22078	2.2078
4 2,3,7,8-TCDF	1.53	3.73e-02	4.93e-02	0.44	NC	0.34111	3.4111



Dataset: Untitled

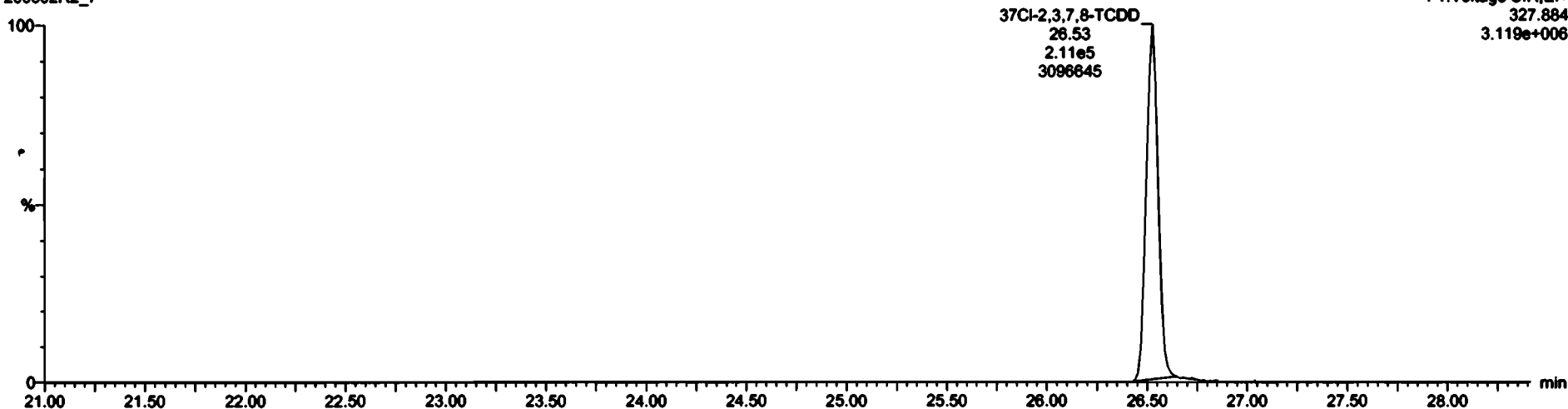
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

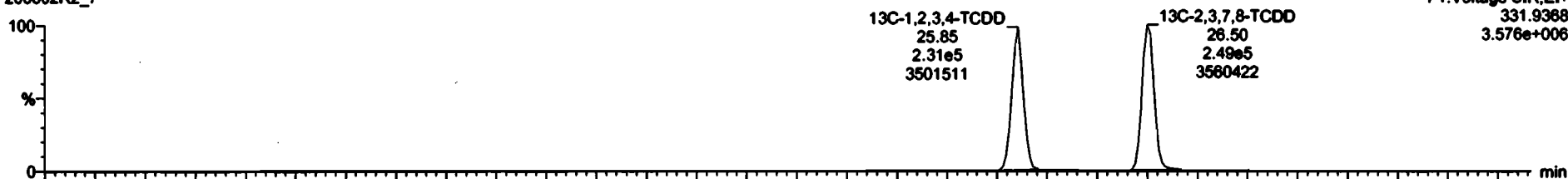
37Cl-2,3,7,8-TCDD

200602R2_7

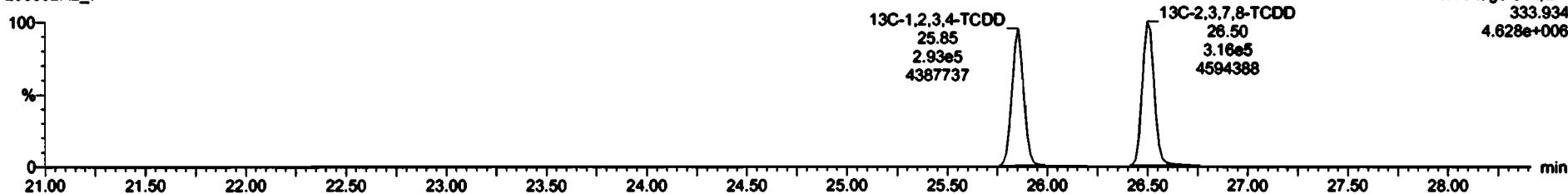


13C-1,2,3,4-TCDD

200602R2_7



200602R2_7



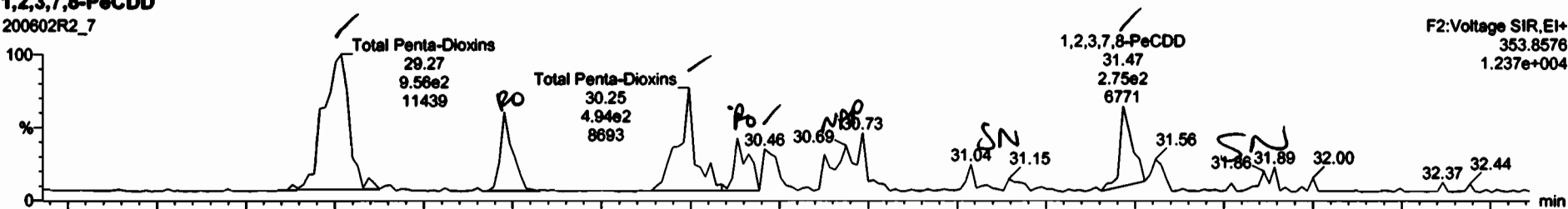
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

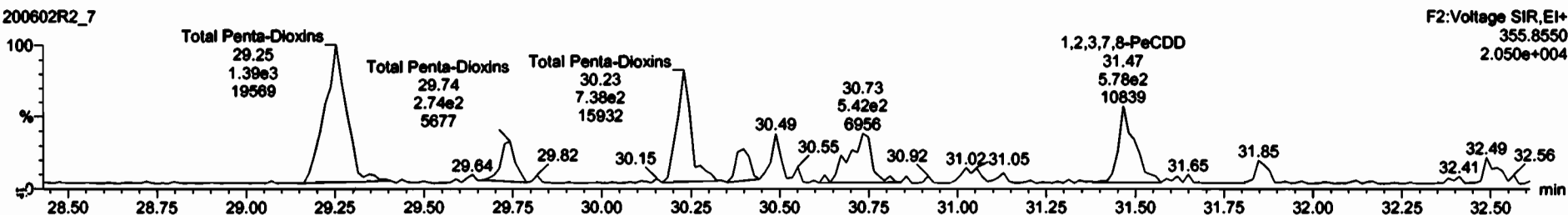
1,2,3,7,8-PeCDD

200602R2_7



F2:Voltage SIR,EI+
353.8576
1.237e+004

200602R2_7



F2:Voltage SIR,EI+
355.8550
2.050e+004

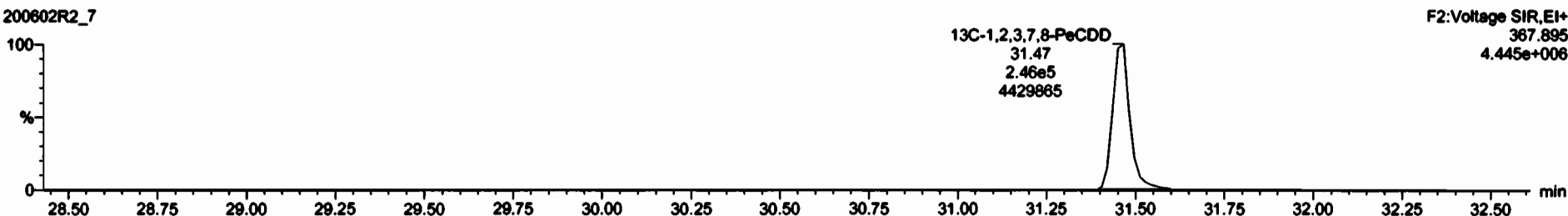
13C-1,2,3,7,8-PeCDD

200602R2_7



F2:Voltage SIR,EI+
365.8978
2.791e+006

200602R2_7



F2:Voltage SIR,EI+
367.895
4.445e+006

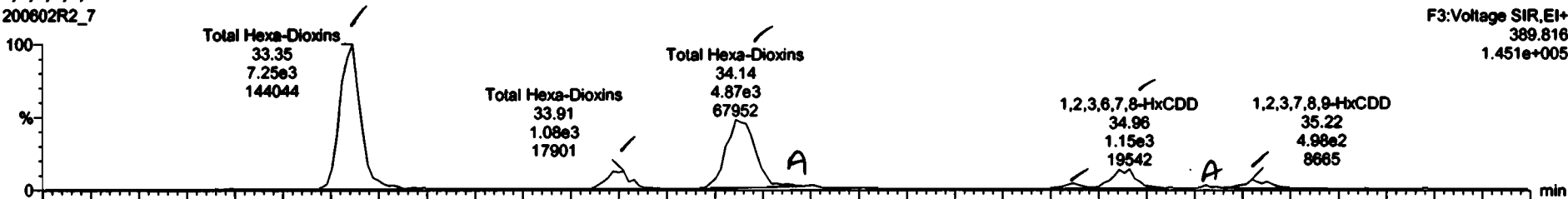
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

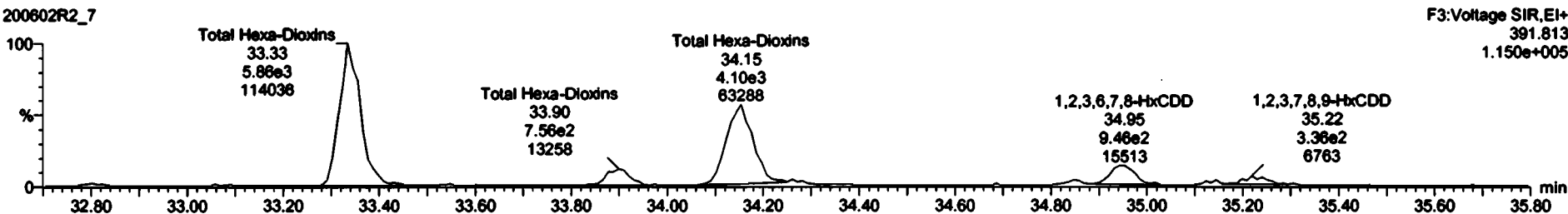
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

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

200602R2_7



200602R2_7

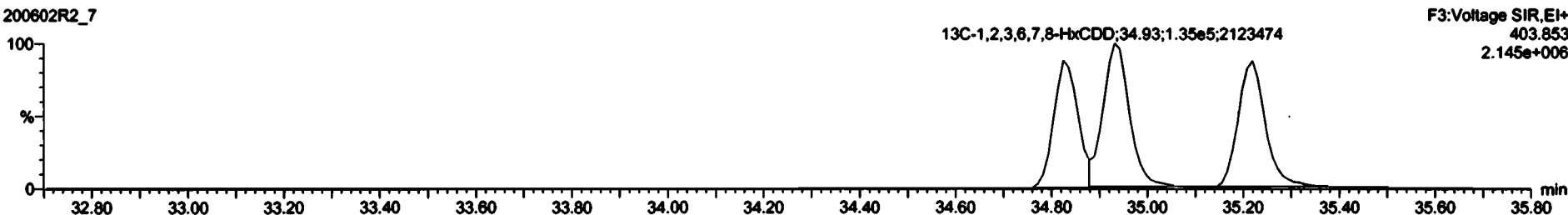


13C-1,2,3,4,7,8-HxCDD

200602R2_7



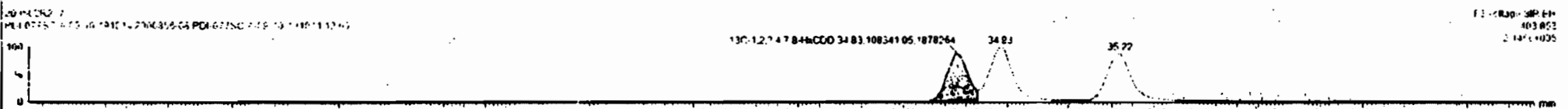
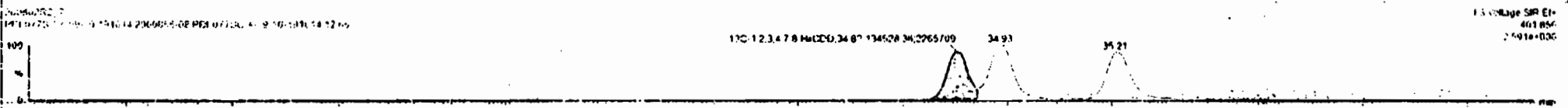
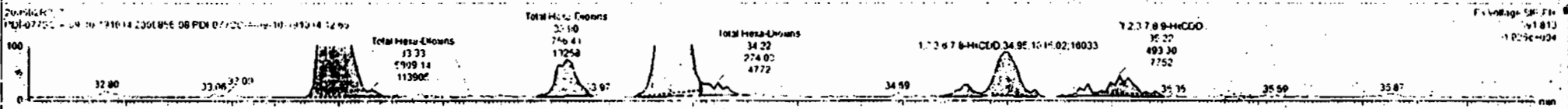
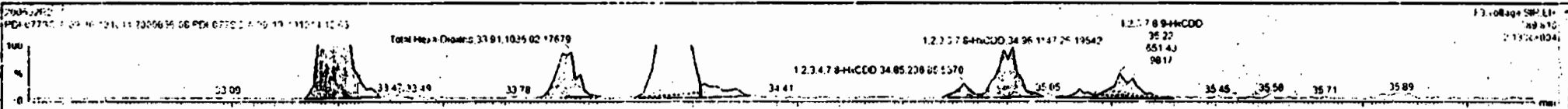
200602R2_7





SI	Name	Resp	RA	dy	RRF	ndmg	RT	RRT	Conc.	SRac	GL	EMPC
20	Total Hexa-Chloro				0.0383	10.016			0.240		0.103	0.561
48	Total Penta-Chloro				0.004	10.016			2.64		0.120	1.11

SI	Name	RT	nd Resp	nd Resp	RA	dy	EMPC	Conc.
1	Total Hexa-Chloro	33.35	7.50e1	5.89e1	1.21	NO	10.725	11.725
2	Total Hexa-Chloro	33.91	1.030e1	7.564e2	1.37	NO	1.4726	1.4726
3	Total Hexa-Chloro	34.14	4.680e3	~2080	1.78	NO	7.4714	7.4714
4	Total Hexa-Chloro	34.23	3.220e2	2.740e2	1.29	NO	5.1456	0.51456
5	1,2,3,4,7,8-HxCDD	34.52	2.369e4	1.949e2	1.27	NO	0.3477	0.3477
6	1,2,3,7,8-HxCDD	34.95	1.047e3	1.015e3	1.12	NO	1.582	1.582
7	Total Hexa-Chloro	35.12	1.491e2	1.412e2	1.08	NO	0.7306	0.7306
8	1,2,3,7,8-HxCDD	35.22	6.514e2	4.933e2	1.12	NO	0.95344	0.95344



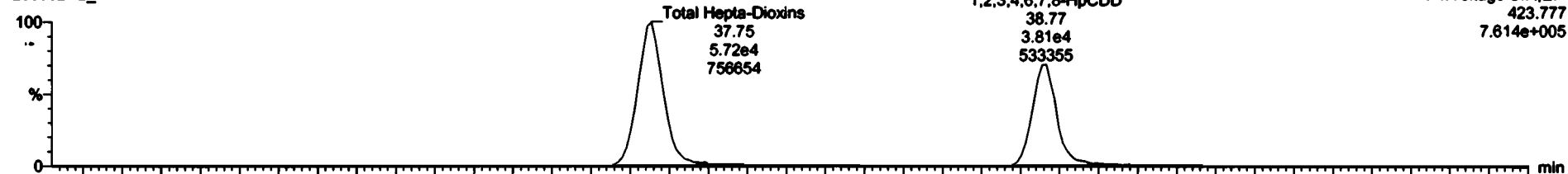
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

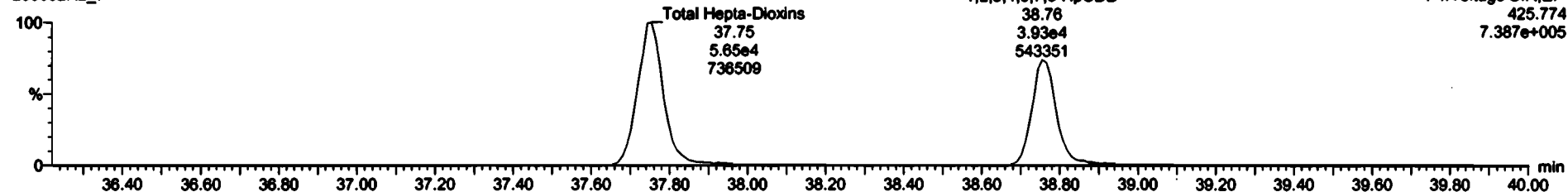
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

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

200602R2_7

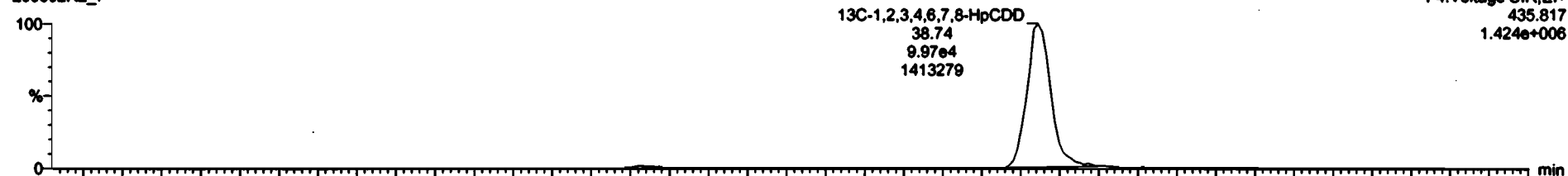


200602R2_7

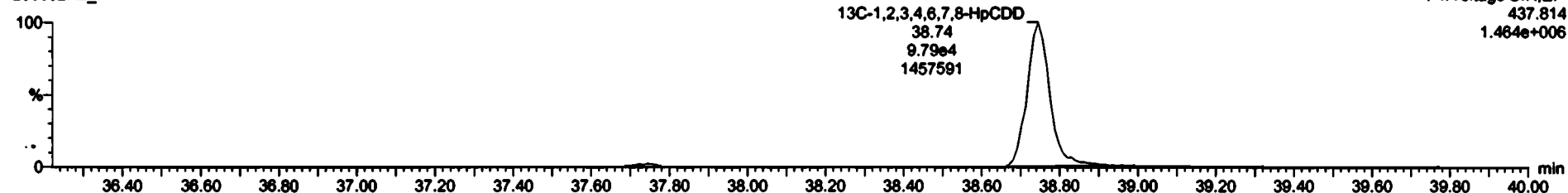


13C-1,2,3,4,6,7,8-HpCDD

200602R2_7



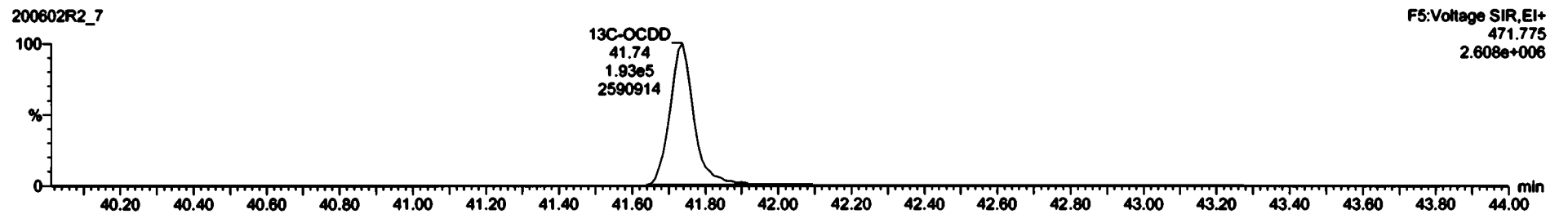
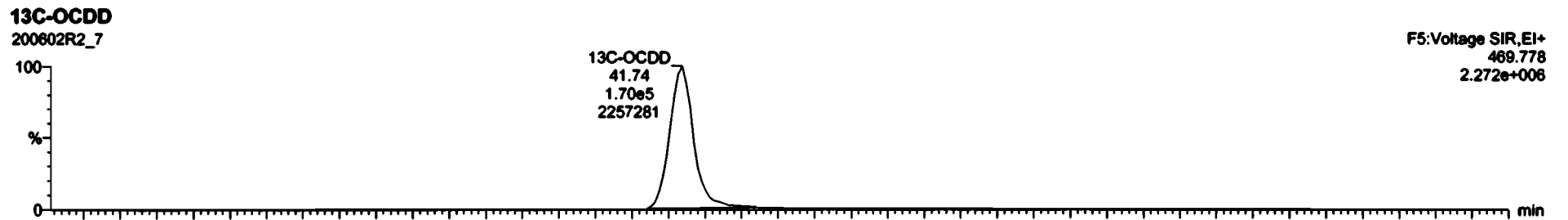
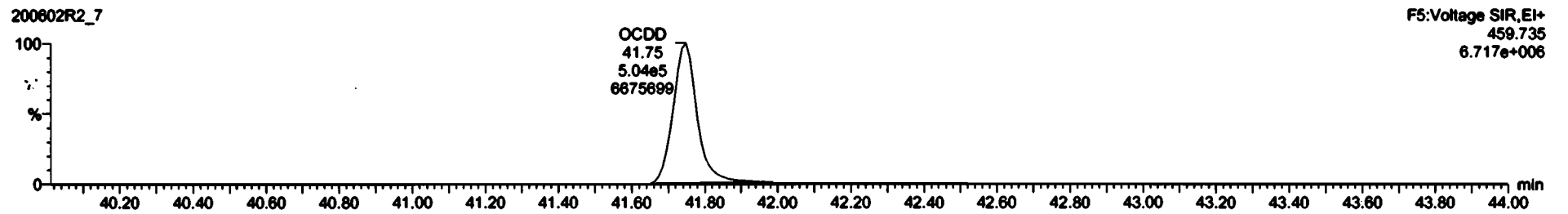
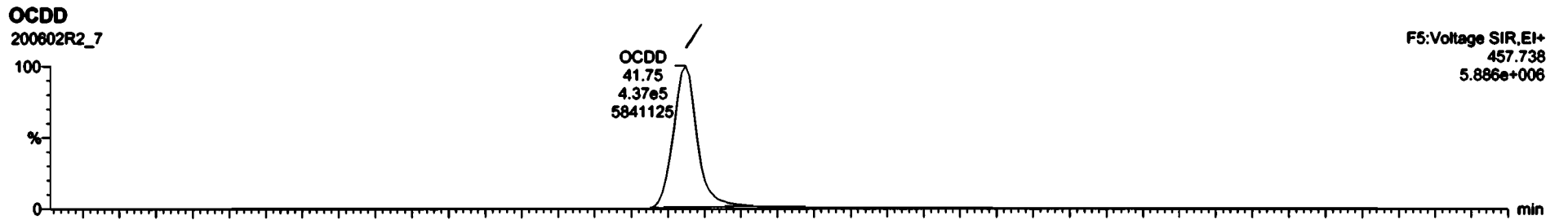
200602R2_7



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014



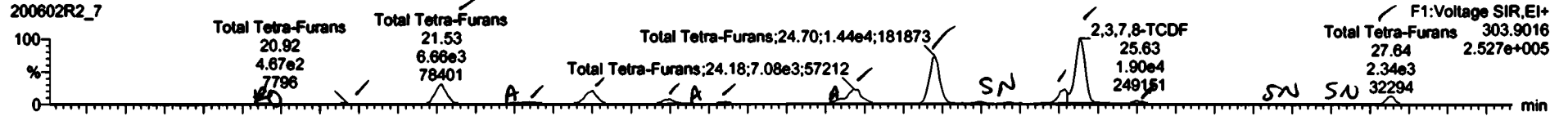
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

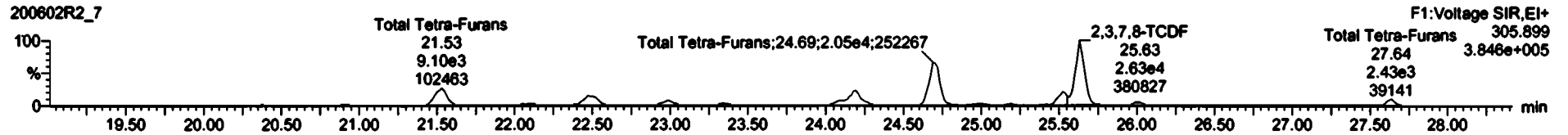
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

2,3,7,8-TCDF

200602R2_7

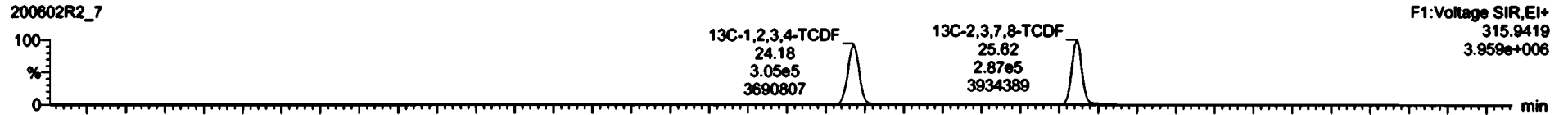


200602R2_7

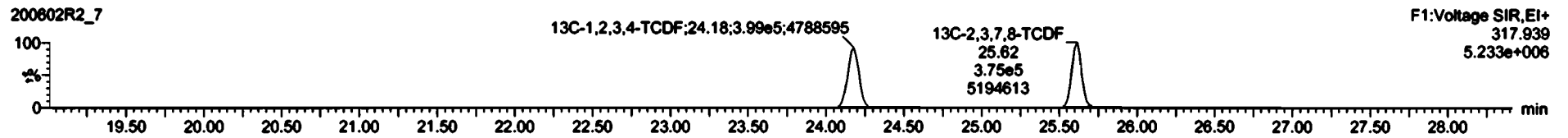


13C-2,3,7,8-TCDF

200602R2_7

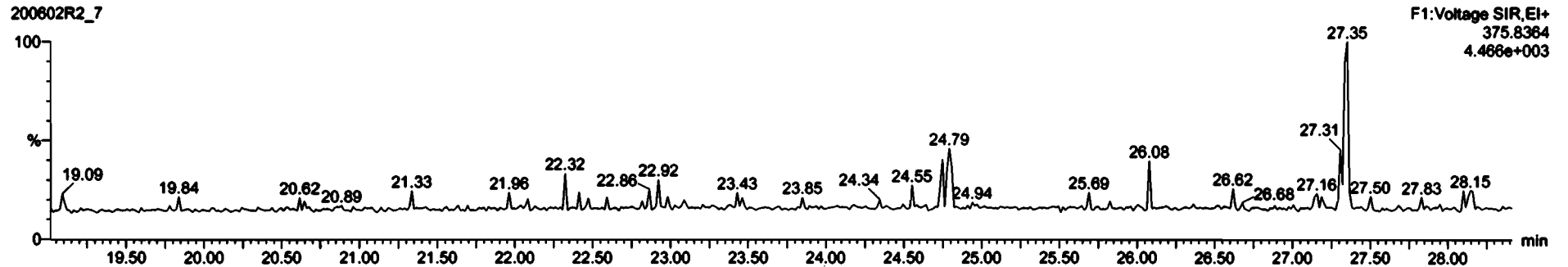


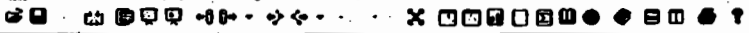
200602R2_7



DPE1

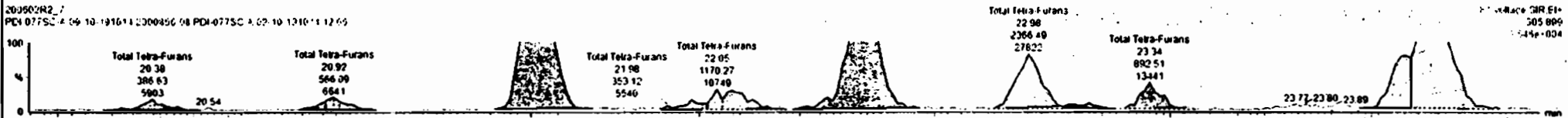
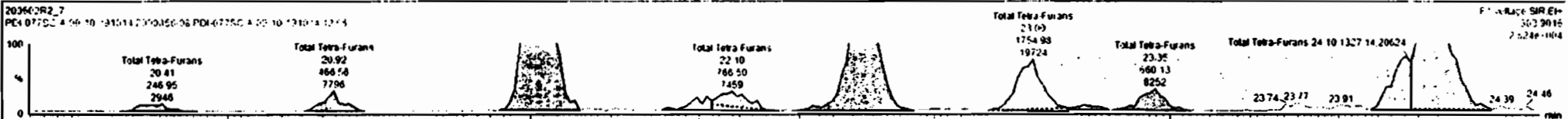
200602R2_7





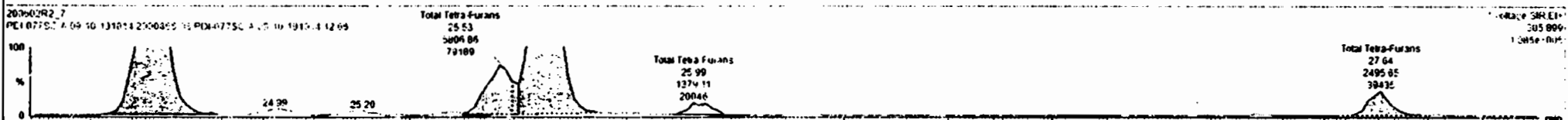
Sample	Resp	RA	adj	RF	uRF	RT	RRT	Comp	%Rec	DL	EMPC
42	Total Hydro-Carbons			0.8525	10.814			222		0.004	222
43	Total Tetra-Furans										

Sample	RT	int Resp	adj Resp	RA	adj	EMPC	Comp
1	Total Tetra-Furans	28.41	2.470e2	3.895e2	0.64	YES	0.22796
2	Total Tetra-Furans	29.92	4.880e2	5.881e2	0.82	NO	0.41406
3	Total Tetra-Furans	21.53	6.862e3	9.184e3	0.73	NO	6.3309
4	Total Tetra-Furans	22.82	3.080e2	3.531e2	0.87	NO	0.26563
5	Total Tetra-Furans	22.10	7.885e2	1.178e3	0.86	NO	0.77775
6	Total Tetra-Furans	22.50	4.920e3	6.481e3	0.77	NO	4.5462
7	Total Tetra-Furans	23.00	1.755e3	2.388e3	0.74	NO	1.8551
8	Total Tetra-Furans	23.15	1.515e2	2.073e2	0.73	NO	0.14408
9	Total Tetra-Furans	23.35	6.801e2	8.825e2	0.74	NO	0.62350
10	Total Tetra-Furans	24.10	1.327e3	1.837e3	0.72	NO	1.2787
11	Total Tetra-Furans	24.18	5.865e3	7.741e3	0.76	NO	5.4638



Sample	Resp	RA	dy	RP	RP%	RT	RR	Conc	WConc	DL	EMPC
42	Total Tetra-Furans				0.8536	19.91%		227		0.804	22
43	Total Tetra-Furans				0.7702	18.81%		203		0.170	48

Sample	RR	Std Resp	Std Resp	RA	dy	EMPC	Conc	
6	Total Tetra-Furans	22.50	4.57047	0.40163	0.77	NO	4.5404	4.5402
7	Total Tetra-Furans	23.00	1.71563	2.38643	0.74	NO	1.6471	1.4871
8	Total Tetra-Furans	23.15	1.11762	2.07362	0.73	NO	0.14408	0.04880
9	Total Tetra-Furans	23.25	4.40162	1.62562	0.74	NO	0.85360	0.62250
10	Total Tetra-Furans	24.10	1.12763	1.83763	0.72	NO	1.2707	1.2707
11	Total Tetra-Furans	24.18	5.88763	7.74163	0.76	NO	5.4634	5.4648
12	Total Tetra-Furans	24.70	1.41764	7.05764	0.70	NO	14.805	14.805
13	Total Tetra-Furans	24.74	3.95762	5.88763	0.68	NO	3.9160	2.9160
14	2,3,7,8-TCDF	25.62	1.84664	2.56864	0.72	NO	17.694	17.694
15	Total Tetra-Furans	26.00	9.16662	1.37863	0.68	NO	0.52186	0.42188
16	Total Tetra-Furans	27.64	2.17467	2.48463	0.67	NO	1.8751	1.8741



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

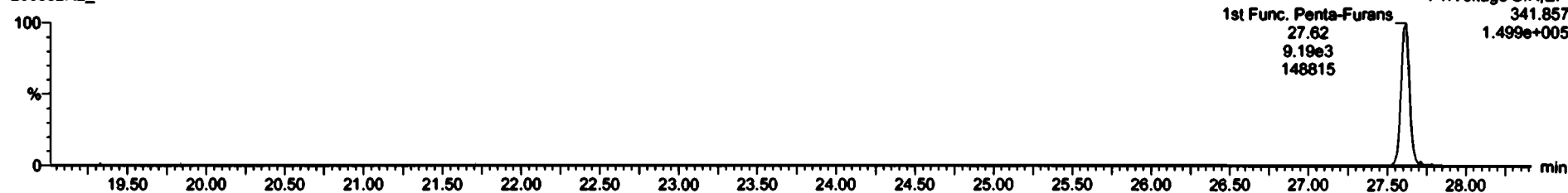
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

1st Func. Penta-Furans

200602R2_7

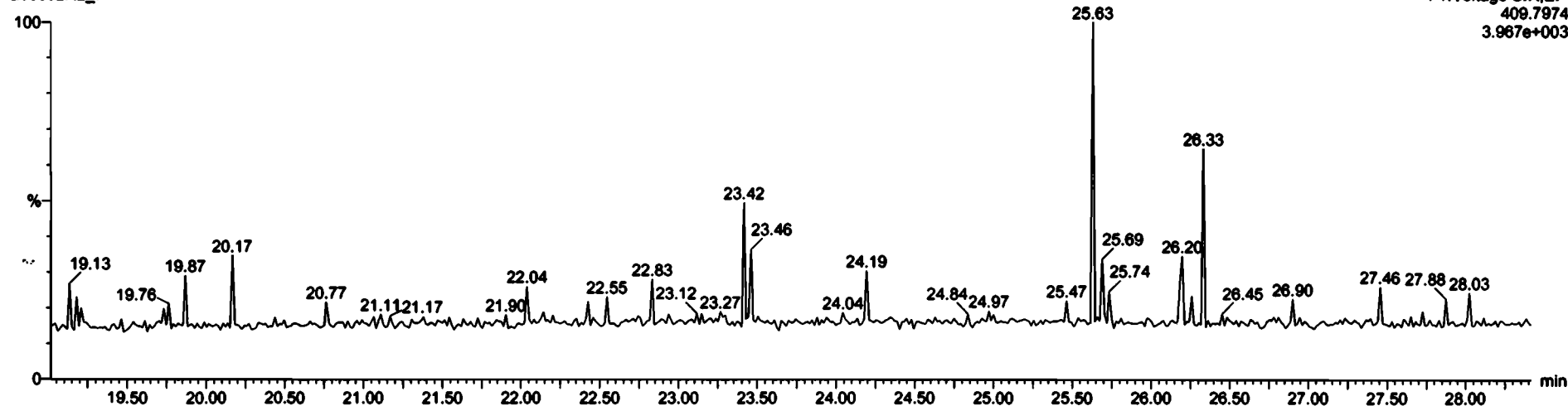


200602R2_7



DPE6

200602R2_7



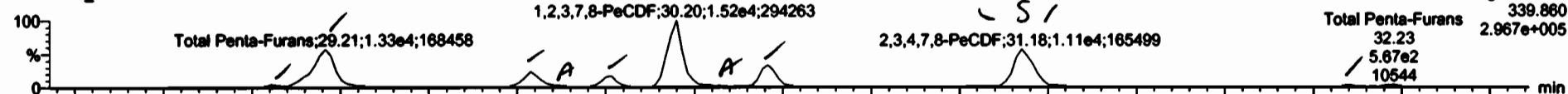
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

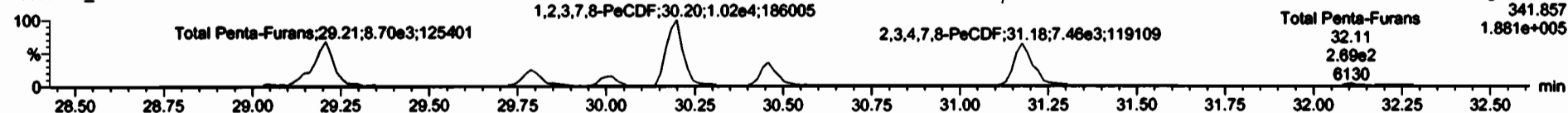
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

1,2,3,7,8-PeCDF

200602R2_7

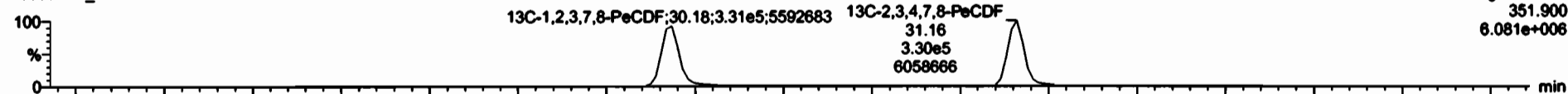


200602R2_7

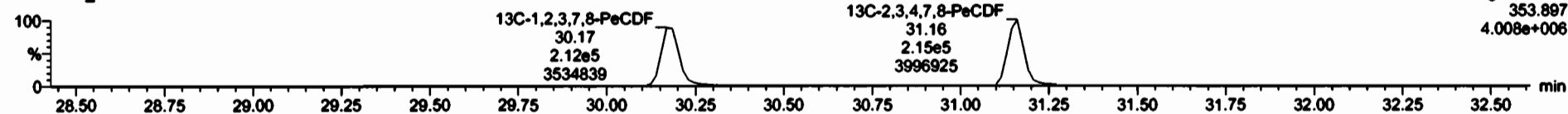


13C-1,2,3,7,8-PeCDF

200602R2_7

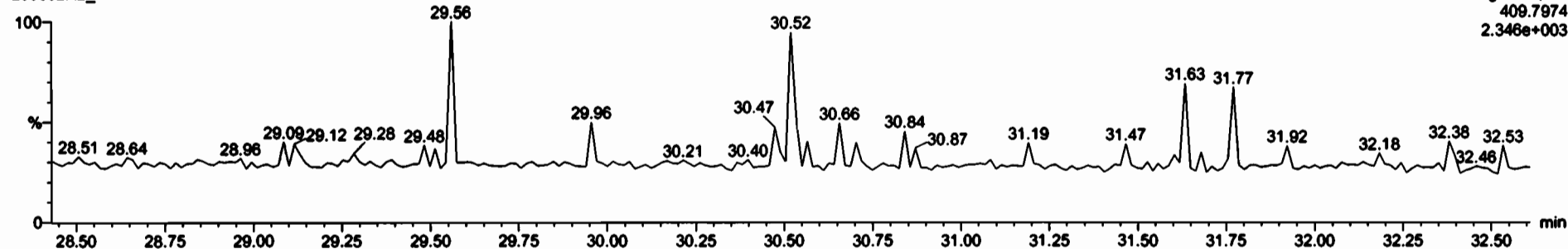


200602R2_7



DPE2

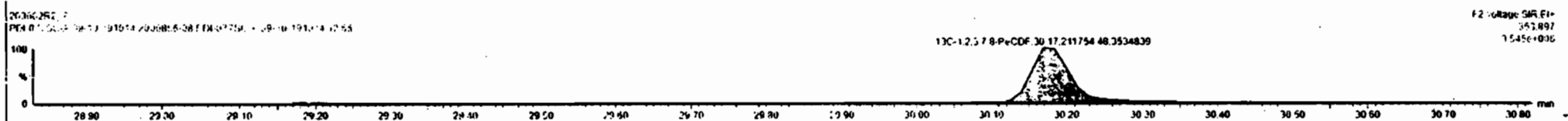
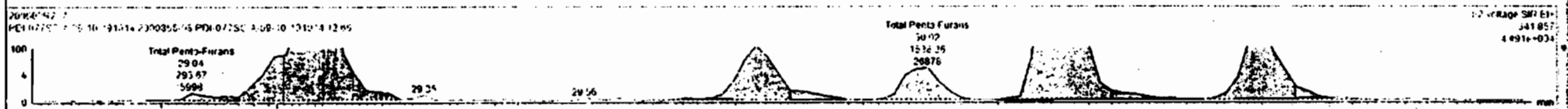
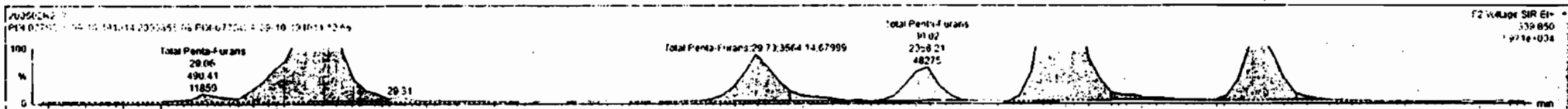
200602R2_7





SI	Name	Comp	RA	ny	RF	total	RT	PRT	Comp	MDec	DL	EMRC
05	Total Penta-Furans										0.198	23.3
06	Total Hexa-Furans				0.0341	19.016			42.2		0.225	4.2

SI	Name	RT	RT Range	MS Range	St	ny	EMRC	Comp
1	Total Penta-Furans	29.06	4.50e2	2.42e2	1.77	NO	0.5257	0.5227
2	Total Penta-Furans	29.21	1.276e4	6.858e3	1.77	NO	8.9191	8.9119
3	Total Penta-Furans	29.79	3.564e7	2.498e3	1.43	NO	2.4849	2.4841
4	Total Penta-Furans	29.83	5.021e2	3.408e2	1.44	NO	6.3493	6.0990
5	Total Hexa-Furans	30.42	2.210e3	1.338e3	1.53	NO	1.9812	1.692
6	1,2,3,7,8-PeCDF	30.20	1.484e4	1.014e4	1.47	NO	10.362	10.212
7	Total Penta-Furans	30.26	4.055e2	3.268e2	1.43	NO	0.3278	0.2278
8	Total Penta-Furans	30.45	5.072e2	3.483e3	1.45	NO	3.5247	3.5247
9	2,3,4,7,8-PeCDF	31.18	1.911e4	7.464e3	1.49	NO	7.249	7.2831
08	Total Penta-Furans	32.09	4.055e2	2.682e2	1.73	NO	0.3078	0.3839
09	Total Penta-Furans	32.23	5.674e2	2.198e2	2.58	YES	0.22053	0.08008

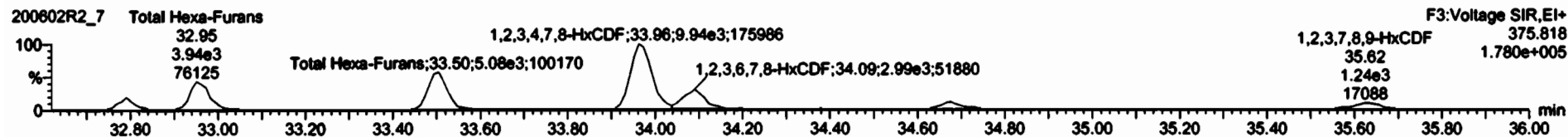
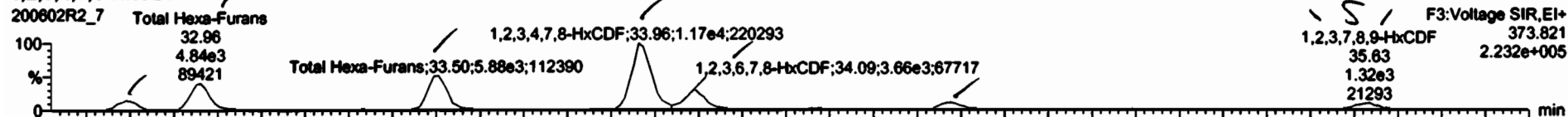


Dataset: Untitled

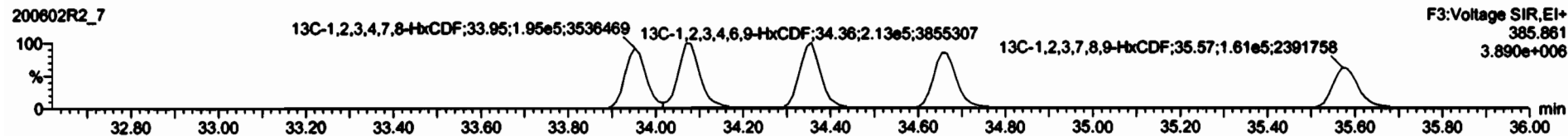
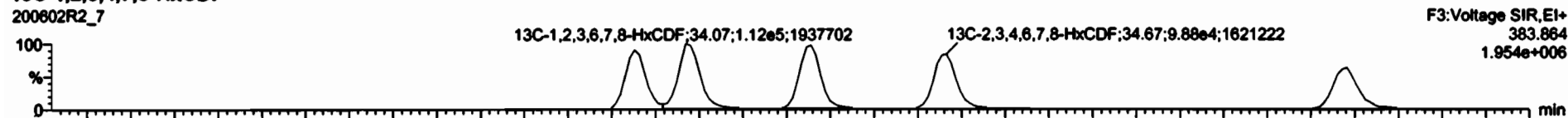
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

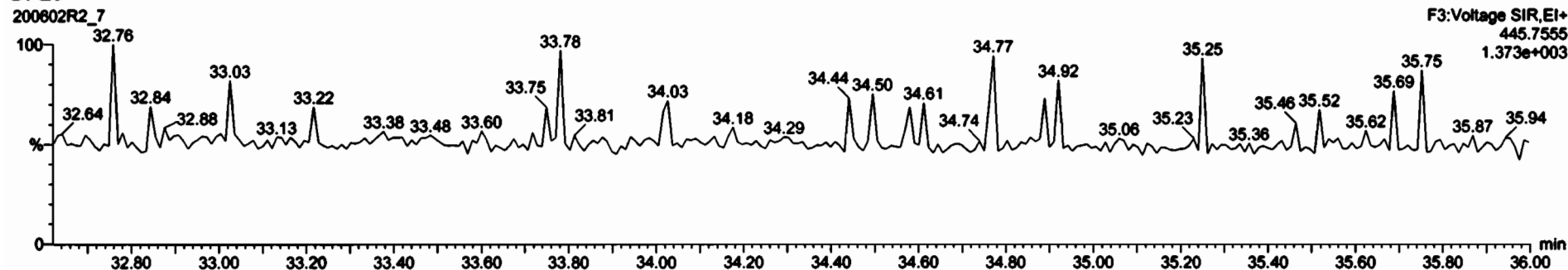
1,2,3,4,7,8-HxCDF



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



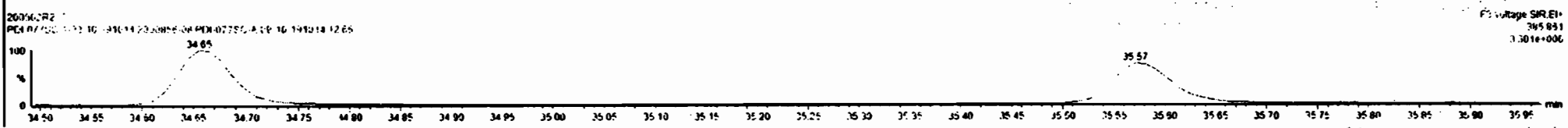
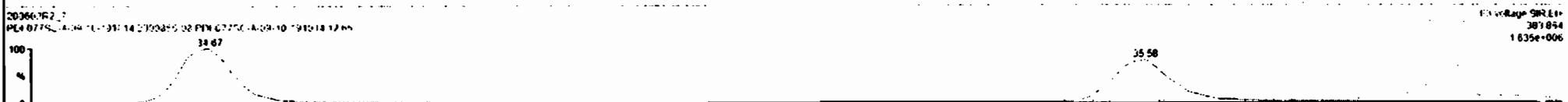
DPE3





Name	Resp	RA	off	RF	RF1E	RT	RTT	Comp	TRac	DL	EMPC
00 Total Hexa-Furans				0.0525	10.01E			14.9		0.154	25.3
00 Hexa-Furans				0.0525	10.01E			47.8		0.200	47.8

Name	RT	ml Resp	ml Resp	RA	RF	EMPC	Comp
1 Total Hexa-Furans	12.70	1.745e3	1.430e3	1.23	NO	2.3280	2.1250
2 Total Hexa-Furans	17.06	4.237e3	3.935e3	1.23	NO	0.4164	6.4164
3 Total Hexa-Furans	33.51	5.857e3	5.077e3	1.18	NO	8.0169	8.0169
4 1,2,3,4-B-HxCDF	13.98	1.180e4	0.944e3	1.17	NO	16.792	16.752
5 1,2,3,5,7,8-HxCDF	34.09	3.062e3	2.905e3	1.22	NO	4.5054	4.5054
6 2,3,4,6,7,8-HxCDF	34.68	1.300e3	1.110e3	1.24	NO	1.7576	1.7576
7 1,2,3,7,8-HxCDF	15.52	5.954e2	5.464e2	1.00	NO	1.0749	1.0749
8 Total Hexa-Furans	35.23	7.430e2	6.651e2	1.12	NO	1.0300	1.9320

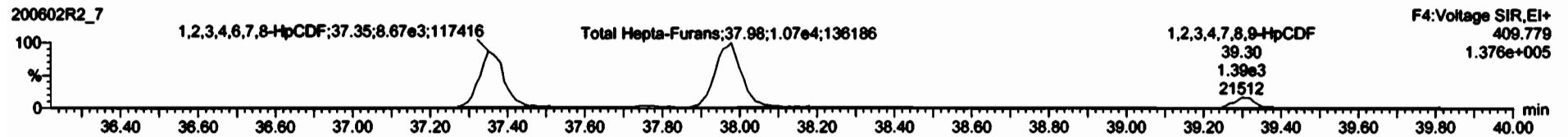
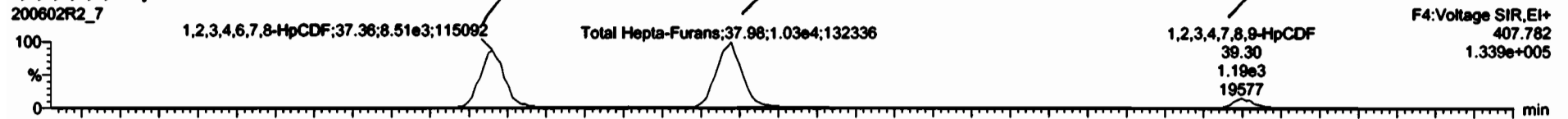


Dataset: Untitled

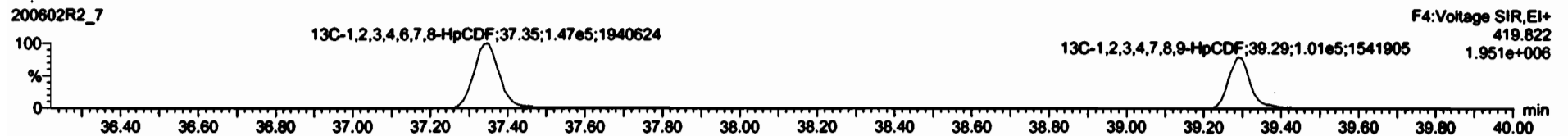
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

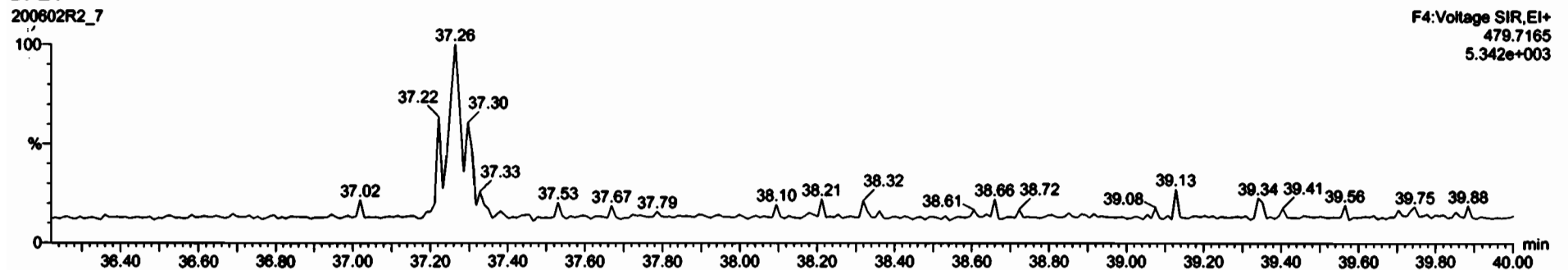
1,2,3,4,6,7,8-HpCDF



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

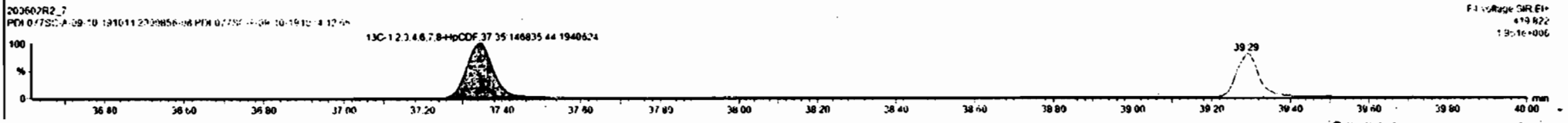
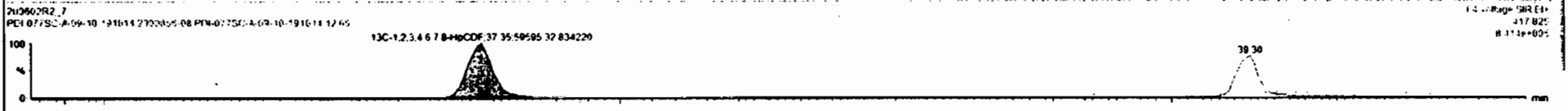
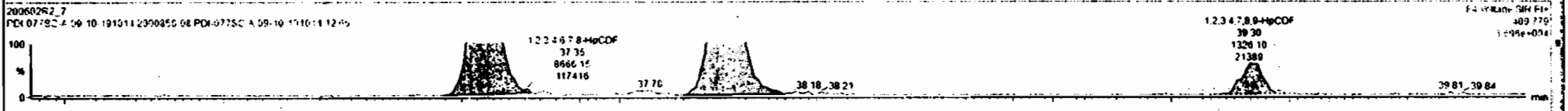
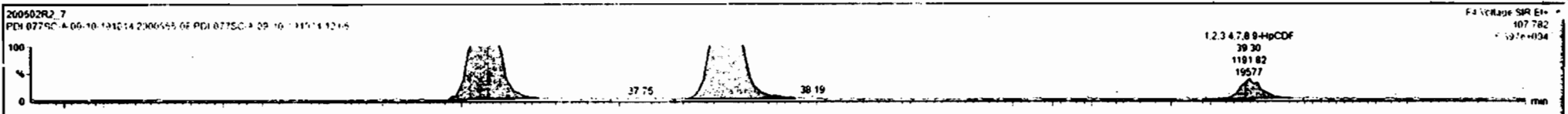


DPE4



#	Name	Resp	RA	ry	RRT	Actual	RT	RRT	Comp	%Rec	DL	ENPC
45	Total Penta-Furans				0.0025	10.01E			34.9		0.156	25.7
46	Total Hexa-Furans				0.0341	10.01E			41.9		0.226	41.9

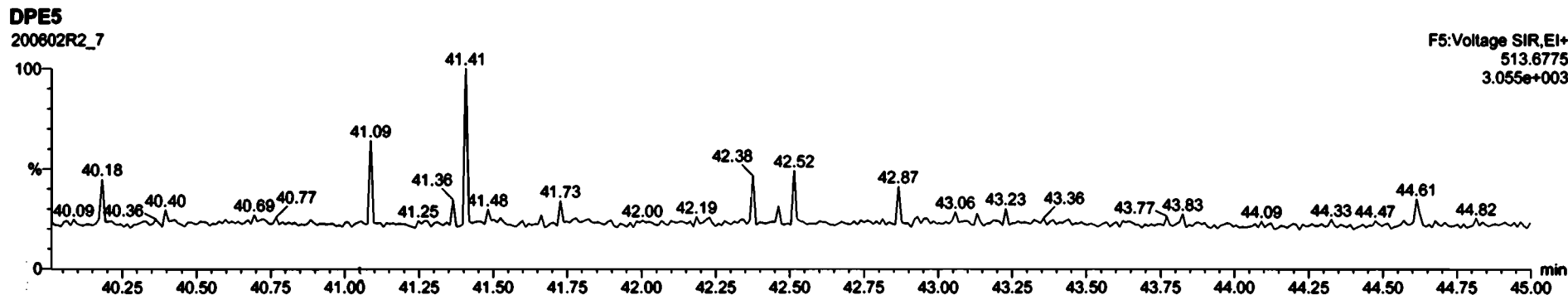
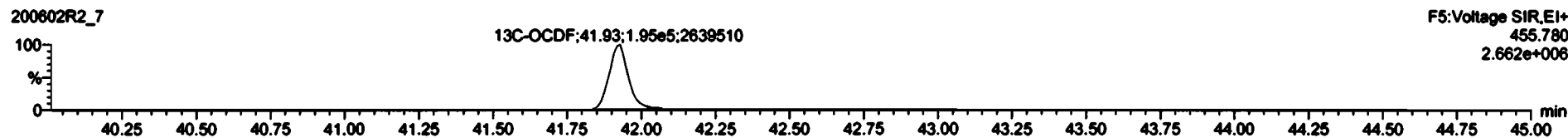
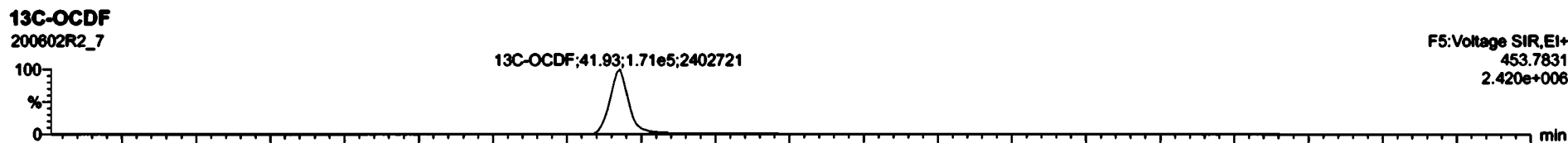
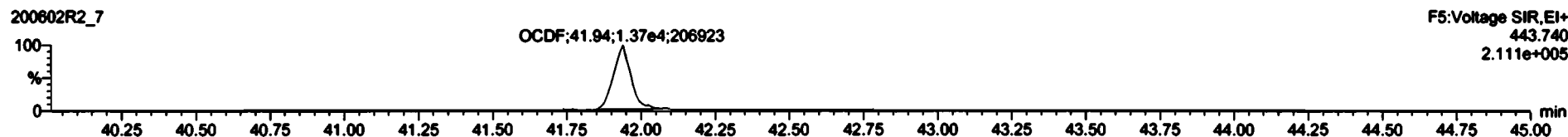
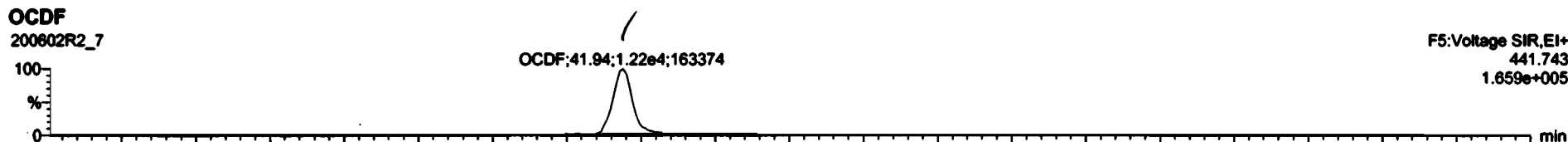
#	Name	RT	ml Resp	nl Resp	RA	ry	ENPC	Comp
1	1,2,3,4,6,7,8-HpCDF	37.36	8.506e3	8.506e3	0.98	NO	19.919	19.919
2	Total Hepta-Furans	37.95	1.028e4	1.074e4	0.95	NO	27.637	27.637
3	1,2,3,4,7,8,9-HpCDF	39.30	1.192e3	1.326e3	0.90	NO	3.5193	3.5193



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

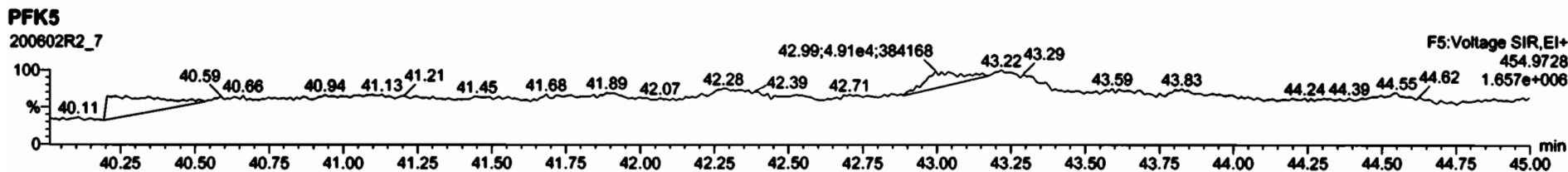
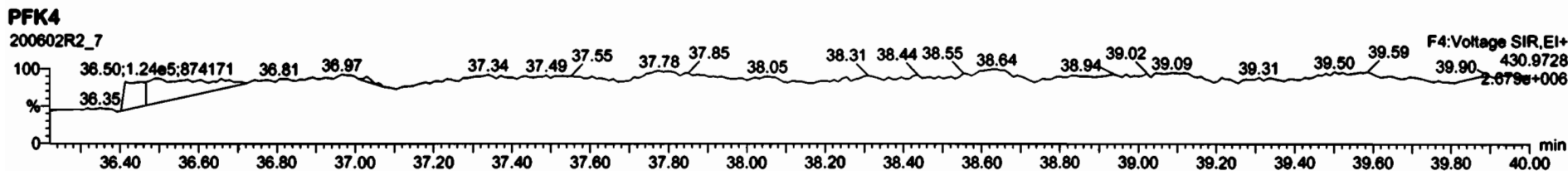
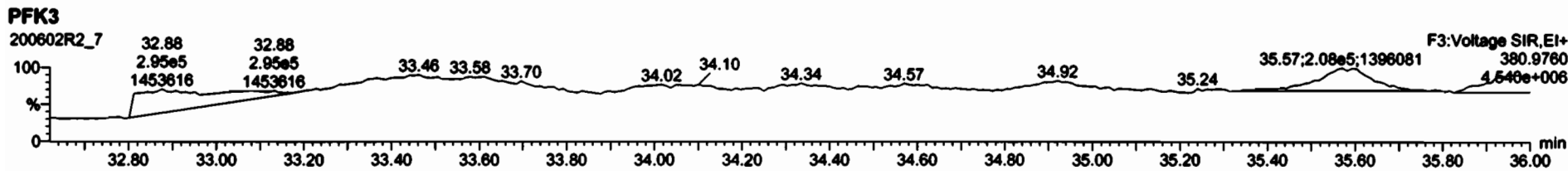
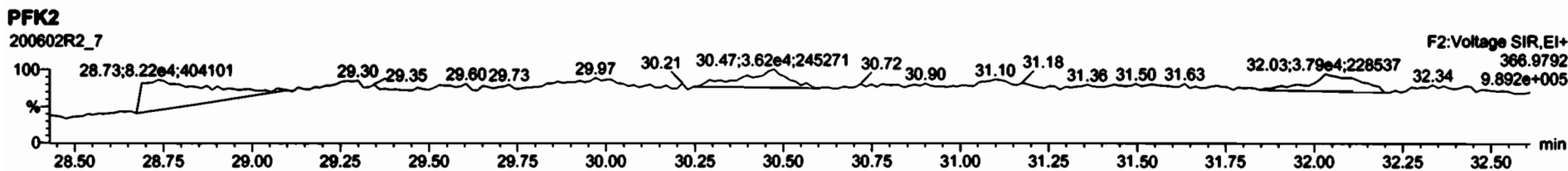
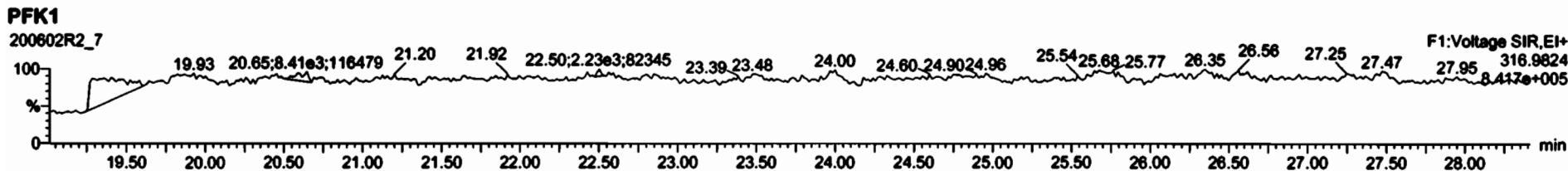
Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_7, Date: 02-Jun-2020, Time: 19:58:16, ID: 2000856-08 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-6.qld

Last Altered: Wednesday, June 03, 2020 3:42:57 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:43:28 PM Pacific Daylight Time

GPO 06/03/2020

C1 06/04/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

Peak #	Retention Time (min)	Area	Height	Integration	Response	Concentration (ppb)	Reference Concentration (ppb)	Recovery (%)	Reference Concentration (ppb)	Recovery (%)	Reference Concentration (ppb)	Recovery (%)	
1	2,3,7,8-TCDD			NO	0.888	10.024	26.531	1.001				0.101	
2	1,2,3,7,8-PeCDD			NO	0.908	10.024	31.473	1.001				0.0672	
3	1,2,3,4,7,8-HxCDD			NO	1.03	10.024	34.836	1.000				0.194	
4	1,2,3,6,7,8-HxCDD			NO	0.892	10.024	34.932	1.000				0.194	
5	1,2,3,7,8,9-HxCDD			NO	0.887	10.024	35.220	1.000				0.234	
6	1,2,3,4,6,7,8-HpCDD	1.48e3	0.91	NO	0.864	10.024	38.746	38.77	1.000	1.001	1.9135	0.163	1.91
7	OCDD	1.61e4	0.87	NO	0.914	10.024	41.716	41.72	1.000	1.000	23.570	0.210	23.6
8	2,3,7,8-TCDF	1.91e2	0.79	NO	0.751	10.024	25.627	25.60	1.001	1.000	0.095499	0.0306	0.0955
9	1,2,3,7,8-PeCDF	2.43e2	1.39	NO	0.893	10.024	30.190	30.18	1.001	1.001	0.10593	0.0337	0.106
10	2,3,4,7,8-PeCDF			NO	0.935	10.024	31.177		1.001			0.0524	
11	1,2,3,4,7,8-HxCDF	2.55e2	0.96	YES	0.884	10.024	33.942	33.94	1.000	1.000	0.21492	0.0715	0.189
12	1,2,3,6,7,8-HxCDF			NO	0.889	10.024	34.079		1.000			0.0971	
13	2,3,4,6,7,8-HxCDF			NO	0.934	10.024	34.690		1.001			0.103	
14	1,2,3,7,8,9-HxCDF			NO	0.871	10.024	35.561		1.000			0.152	
15	1,2,3,4,6,7,8-HpCDF			NO	0.873	10.024	37.376		1.001			0.227	
16	1,2,3,4,7,8,9-HpCDF			NO	1.01	10.024	39.288		1.000			0.246	
17	OCDF	2.06e2	0.65	YES	0.806	10.024	41.908	41.94	1.000	1.001	0.31103	0.160	0.261
18	13C-2,3,7,8-TCDD	4.82e5	0.77	NO	1.16	10.024	26.522	26.50	1.026	1.026	159.80	80.1	0.275
19	13C-1,2,3,7,8-PeCDD	3.83e5	0.62	NO	0.849	10.024	31.711	31.45	1.227	1.217	172.84	86.6	0.346
20	13C-1,2,3,4,7,8-HxCDD	2.27e5	1.25	NO	0.779	10.024	34.830	34.83	1.014	1.014	173.85	87.1	0.817
21	13C-1,2,3,6,7,8-HxCDD	2.90e5	1.25	NO	1.02	10.024	34.944	34.93	1.017	1.017	170.02	85.2	0.626
22	13C-1,2,3,7,8,9-HxCDD	2.57e5	1.29	NO	0.903	10.024	35.215	35.21	1.025	1.025	169.71	85.1	0.705
23	13C-1,2,3,4,6,7,8-HpCDD	1.79e5	1.06	NO	0.689	10.024	38.739	38.73	1.128	1.128	154.54	77.5	0.595
24	13C-OCDD	2.98e5	0.87	NO	0.652	10.024	41.761	41.72	1.216	1.215	272.50	68.3	0.560
25	13C-2,3,7,8-TCDF	5.32e5	0.77	NO	1.06	10.024	25.564	25.60	0.989	0.991	138.24	69.3	0.411
26	13C-1,2,3,7,8-PeCDF	5.12e5	1.54	NO	0.838	10.024	30.093	30.17	1.165	1.168	168.33	84.4	0.497
27	13C-2,3,4,7,8-PeCDF	5.11e5	1.55	NO	0.817	10.024	31.047	31.15	1.202	1.205	172.40	86.4	0.510
28	13C-1,2,3,4,7,8-HxCDF	2.69e5	0.49	NO	1.01	10.024	33.961	33.94	0.969	0.988	159.24	79.8	0.810
29	13C-1,2,3,6,7,8-HxCDF	3.23e5	0.50	NO	1.17	10.024	34.085	34.07	0.992	0.992	164.70	82.5	0.699
30	13C-2,3,4,6,7,8-HxCDF	2.82e5	0.50	NO	1.02	10.024	34.659	34.65	1.009	1.009	164.67	82.5	0.799
31	13C-1,2,3,7,8,9-HpCDF	2.38e5	0.49	NO	0.860	10.024	35.558	35.56	1.035	1.035	164.82	82.6	0.950

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-6.qld

Last Altered: Wednesday, June 03, 2020 3:42:57 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 3:43:28 PM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

32	13C-1,2,3,4,6,7,8-HpCDF	1.86e5	0.44	NO	0.774	10.024	37.307	37.34	1.086	1.087	143.31	71.8	0.602
33	13C-1,2,3,4,7,8,9-HpCDF	1.32e5	0.42	NO	0.521	10.024	39.336	39.29	1.145	1.144	151.14	75.7	0.894
34	13C-OCDF	3.28e5	0.87	NO	0.746	10.024	41.933	41.91	1.221	1.220	261.78	65.6	0.445
35	37Cl-2,3,7,8-TCDD	1.90e5			1.04	10.024	26.553	26.51	1.028	1.028	70.230	88.0	0.0547
36	13C-1,2,3,4-TCDD	5.21e5	0.78	NO	1.00	10.024	25.890	25.84	1.000	1.000	199.52	100	0.319
37	13C-1,2,3,4-TCDF	7.25e5	0.79	NO	1.00	10.024	24.360	24.16	1.000	1.000	199.52	100	0.436
38	13C-1,2,3,4,6,9-HxCDF	3.35e5	0.50	NO	1.00	10.024	34.420	34.35	1.000	1.000	199.52	100	0.816
39	Total Tetra-Dioxins				0.888	10.024	24.620		0.000				0.0621
40	Total Penta-Dioxins				0.908	10.024	29.960		0.000				0.0277
41	Total Hexa-Dioxins				0.892	10.024	33.635		0.000		1.2921		0.216 1.29
42	Total Hepta-Dioxins				0.864	10.024	37.640		0.000		5.0487		0.163 5.05
43	Total Tetra-Furans				0.751	10.024	23.610		0.000		0.095499		0.0306 0.0955
44	1st Func. Penta-Furans				0.893	10.024	27.580		0.000				0.0189
45	Total Penta-Furans				0.893	10.024	29.275		0.000		0.10593		0.0329 0.106
46	Total Hexa-Furans				0.934	10.024	33.555		0.000		0.00000		0.0724 0.189
47	Total Hepta-Furans				0.873	10.024	37.835		0.000				0.111

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-6.qld

Last Altered: Wednesday, June 03, 2020 3:42:57 PM Pacific Daylight Time
 Printed: Wednesday, June 03, 2020 3:43:28 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
 Calibration: U:\VG12.PRO\CurveDB\1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

Tetra-Dioxins

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield
------	------	-----------	-----------	---------	---------	----	-------	------	-------	-------

Penta-Dioxins

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield
------	------	-----------	-----------	---------	---------	----	-------	------	-------	-------

Hexa-Dioxins

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield	
Total Hexa-Dioxins	33.33	1.202e4	8.603e3	5.779e2	4.637e2	1.25	NO	1.042e3	0.90222	0.90222	0.216
Total Hexa-Dioxins	34.14	4.620e3	3.432e3	2.478e2	2.023e2	1.22	NO	4.501e2	0.38985	0.38985	0.216

Hepta-Dioxins

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield	
Total Hepta-Dioxins	37.76	1.465e4	1.829e4	1.212e3	1.215e3	1.00	NO	2.426e3	3.1353	3.1353	0.163
1,2,3,4,6,7,8-HpCDD	38.77	1.174e4	1.314e4	7.044e2	7.765e2	0.91	NO	1.481e3	1.9135	1.9135	0.163

Tetra-Furans

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield	
2,3,7,8-TCDF	25.60	1.184e3	2.647e3	8.427e1	1.069e2	0.79	NO	1.912e2	0.095499	0.095499	0.0306

Penta-Furans function 1

Name	Area	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	Yield	Resp	Yield	Yield
------	------	-----------	-----------	---------	---------	----	-------	------	-------	-------

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-6.qld

Last Altered: Wednesday, June 03, 2020 3:42:57 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 3:43:28 PM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

Penta-Furans

Compound	Area	Height	Response	Height	Response	Response	Response	Response	Response	Response	Response
1,2,3,7,8-PeCDF	30.18	2.678e3	1.834e3	1.413e2	1.015e2	1.39	NO	2.428e2	0.10593	0.10593	0.0337

Hexa-Furans

Compound	Area	Height	Response	Height	Response	Response	Response	Response	Response	Response	Response
1,2,3,4,7,8-HxCDF	33.94	2.252e3	3.404e3	1.250e2	1.304e2	0.96	YES	2.555e2	0.00000	0.18925	0.0715

Hepta-Furans

Compound	Area	Height	Response	Height	Response	Response	Response	Response	Response	Response	Response
----------	------	--------	----------	--------	----------	----------	----------	----------	----------	----------	----------

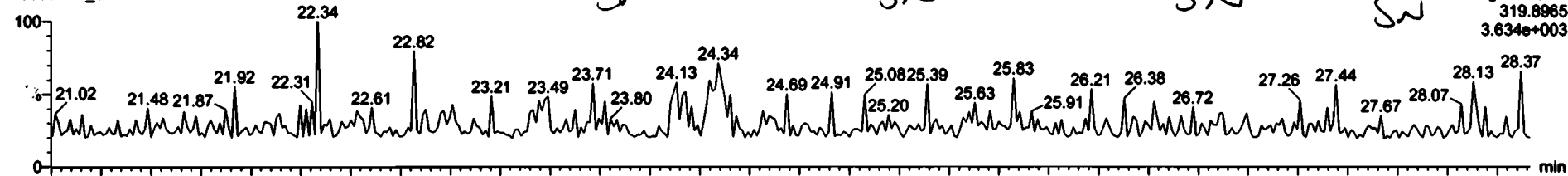
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

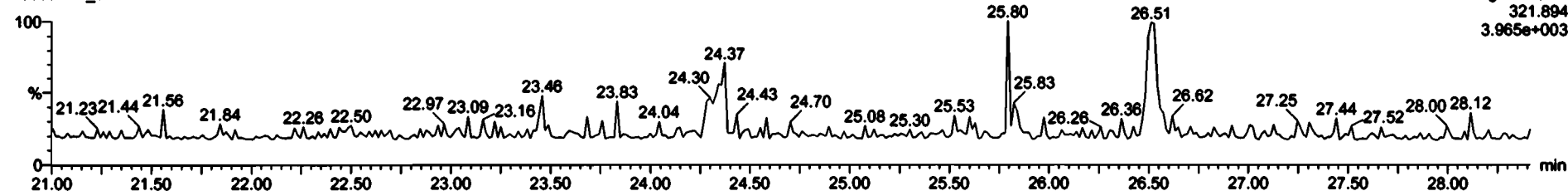
2,3,7,8-TCDD

200602R2_6



F1:Voltage SIR,EI+
319.8965
3.834e+003

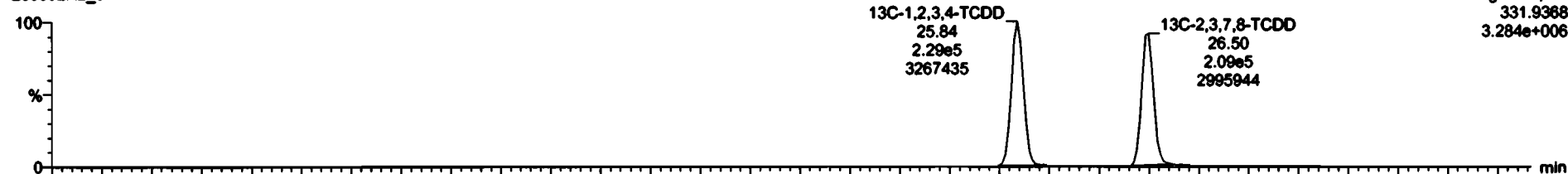
200602R2_6



F1:Voltage SIR,EI+
321.894
3.965e+003

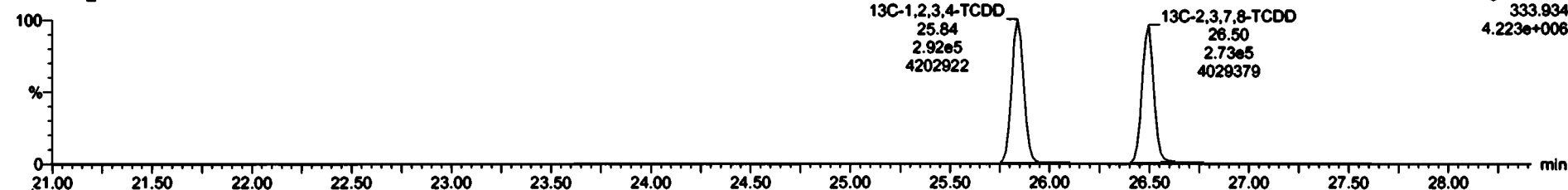
13C-2,3,7,8-TCDD

200602R2_6



F1:Voltage SIR,EI+
331.9368
3.284e+006

200602R2_6



F1:Voltage SIR,EI+
333.934
4.223e+006

Dataset: Untitled

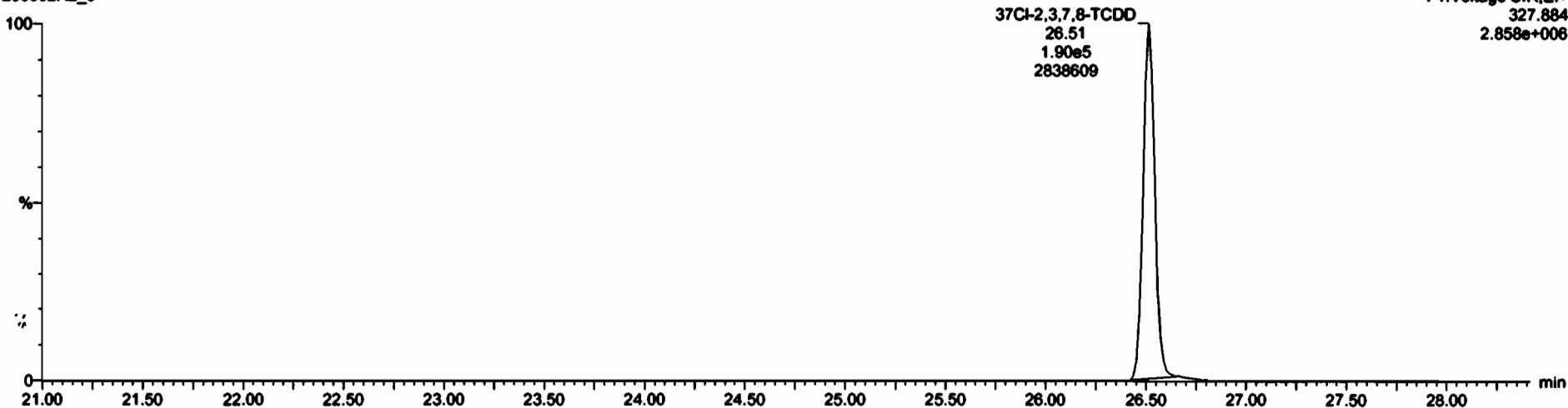
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

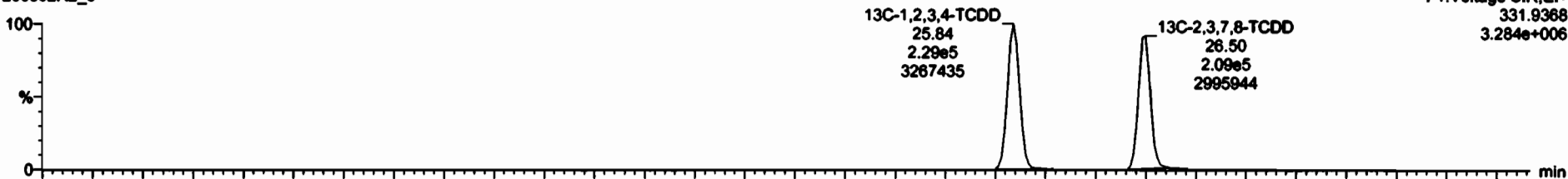
37Cl-2,3,7,8-TCDD

200602R2_6

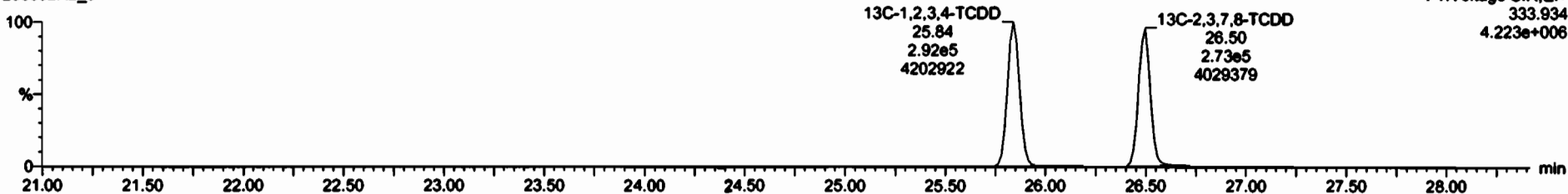


13C-1,2,3,4-TCDD

200602R2_6



200602R2_6



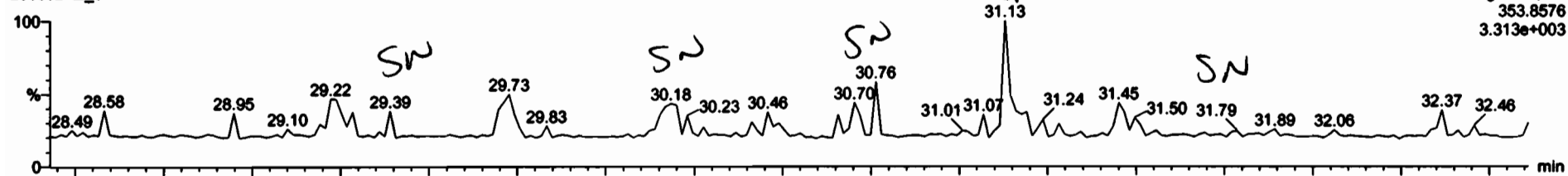
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

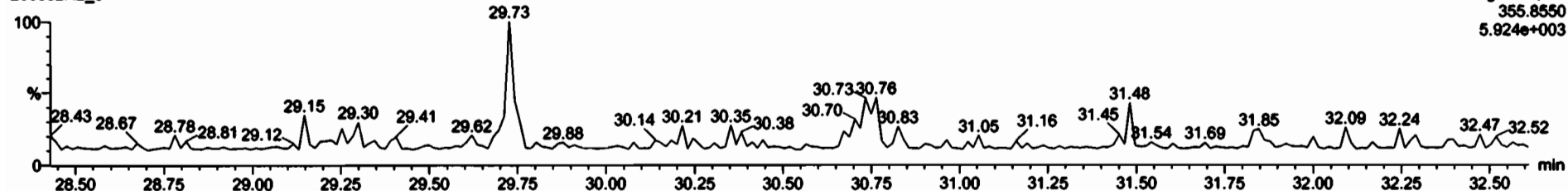
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

1,2,3,7,8-PeCDD

200602R2_6



200602R2_6

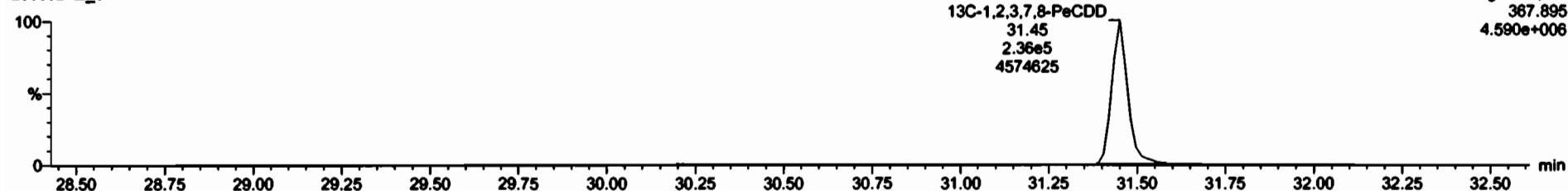


13C-1,2,3,7,8-PeCDD

200602R2_6



200602R2_6



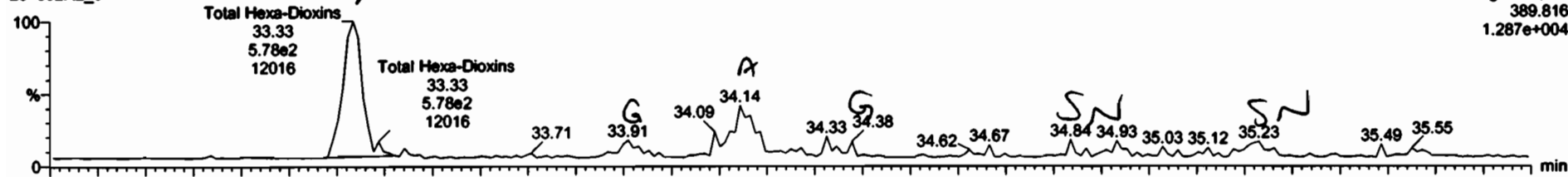
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

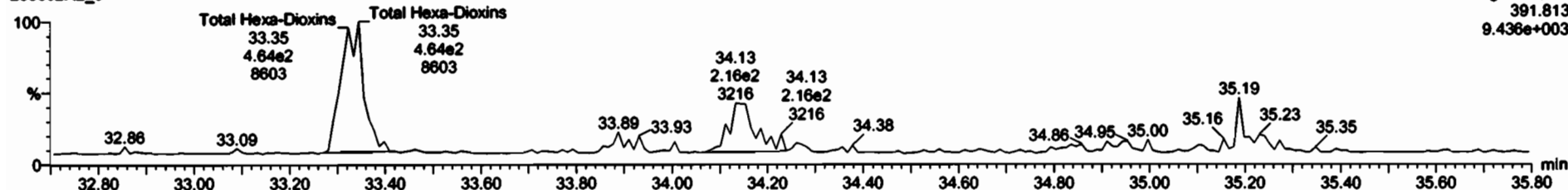
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

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

2C^602R2_6



200602R2_6

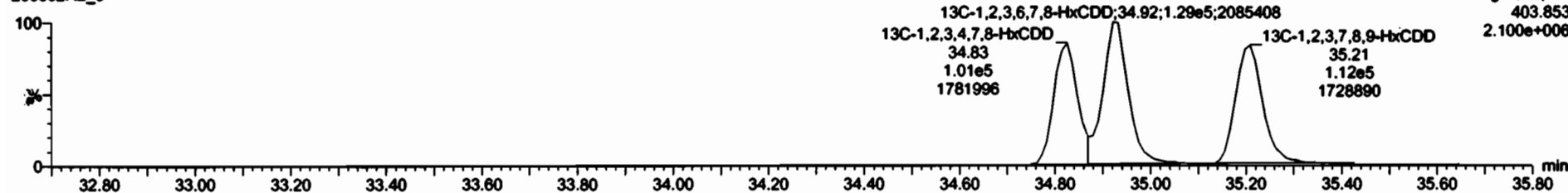


13C-1,2,3,4,7,8-HxCDD

200602R2_6

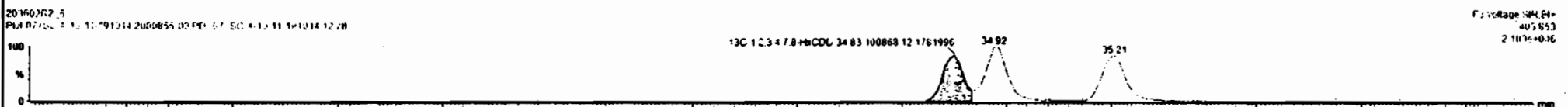
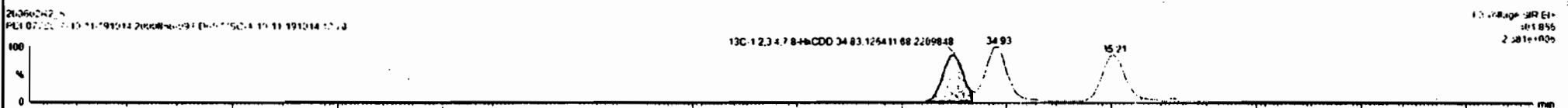
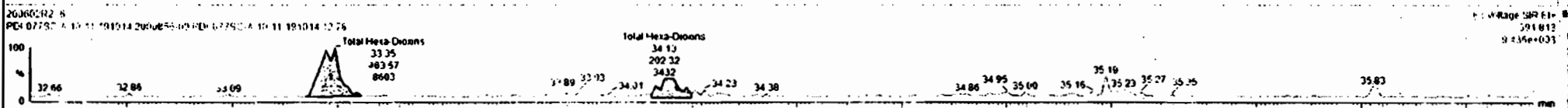
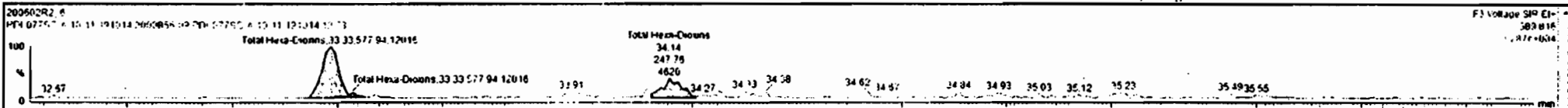


200602R2_6



Name	Area	RA	Qty	RP	WPH	RT	RRT	Conc.	%Rec	CL	EMPC
20	Total Hexa-Chloro			0.6963	10.024					0.0621	
20	Total Aro-Chloro			0.6661	10.024					0.0277	

Name	RT	Int Ramp	Ext Ramp	RA	Qty	EMPC	Case
1	Total Hexa-Chloro	32.33	5.775e2	4.63e2	1.2e	NO	0.90222
2	Total Hexa-Chloro	34.14	2.476e2	2.07e2	1.2e	NO	0.38985



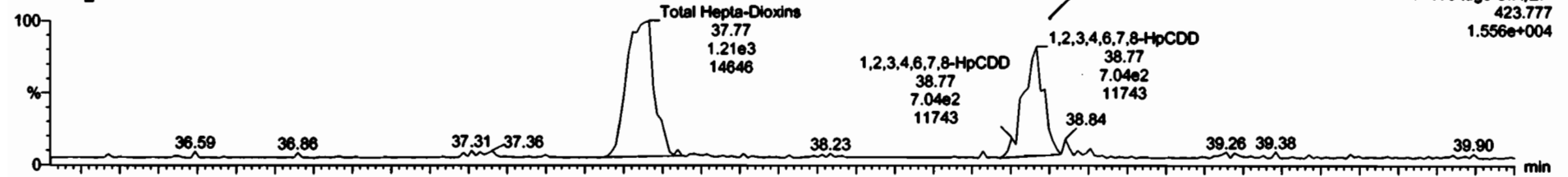
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

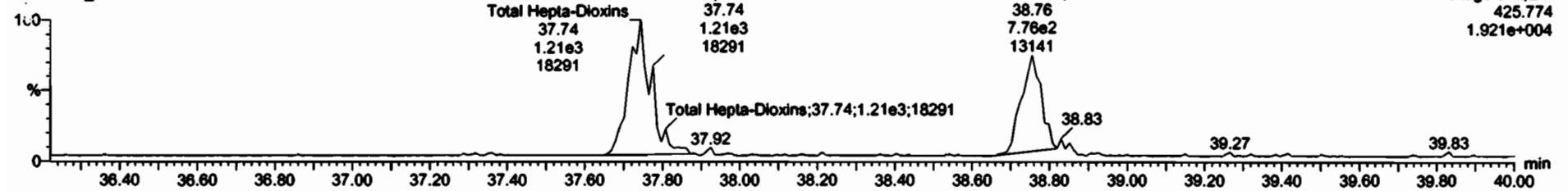
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

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

200602R2_6



200602R2_6

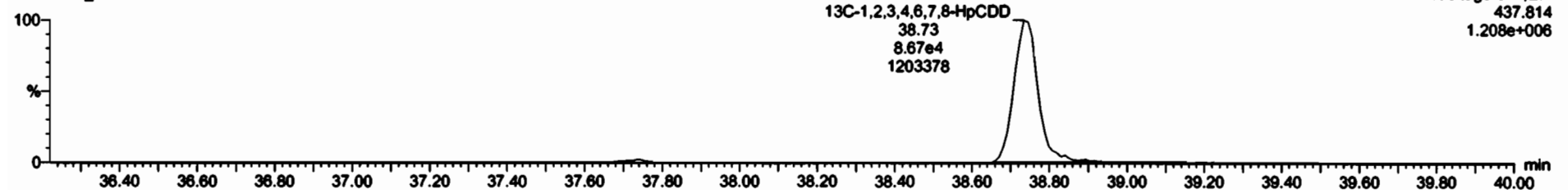


13C-1,2,3,4,6,7,8-HpCDD

200602R2_6



200602R2_6



Dataset: Untitled

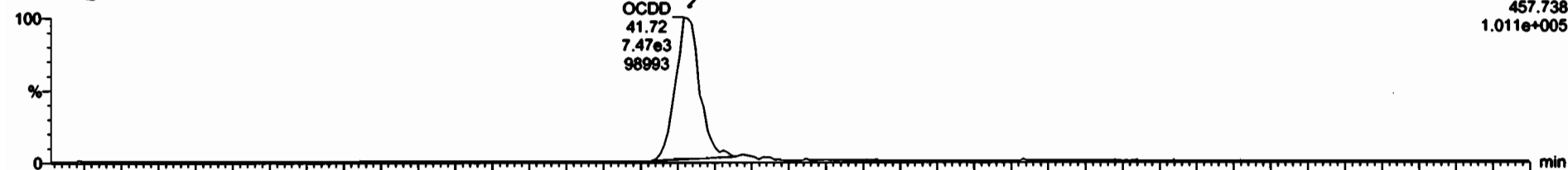
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

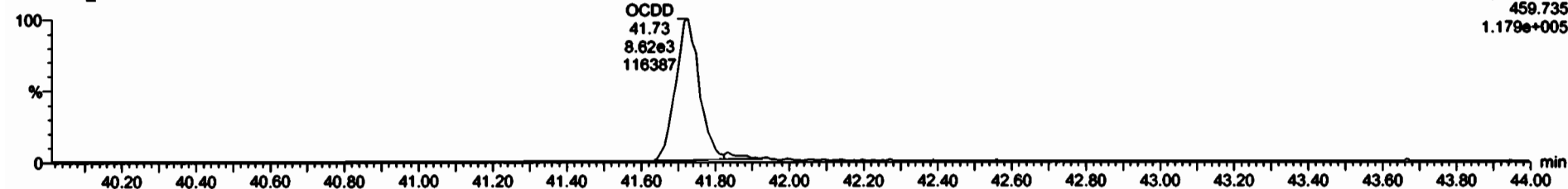
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

OCDD

200602R2_6

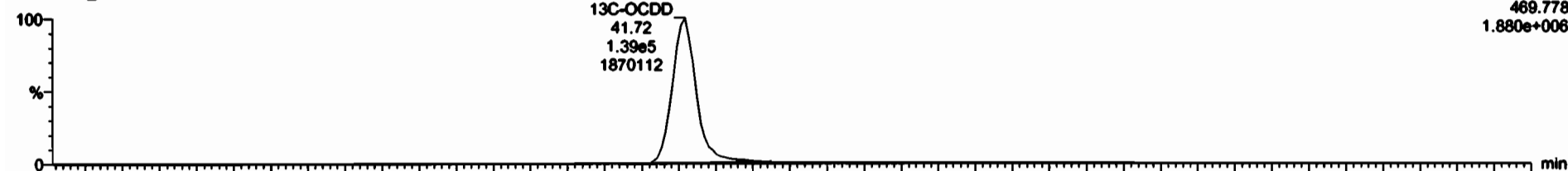


200602R2_6

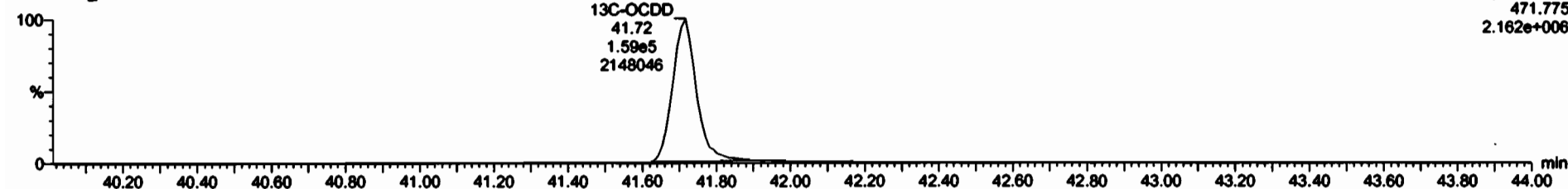


13C-OCDD

200602R2_6



200602R2_6

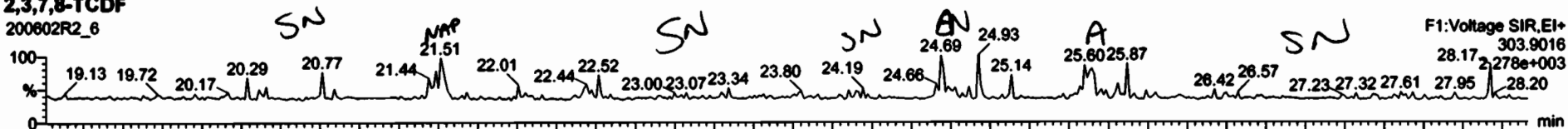


Dataset: Untitled

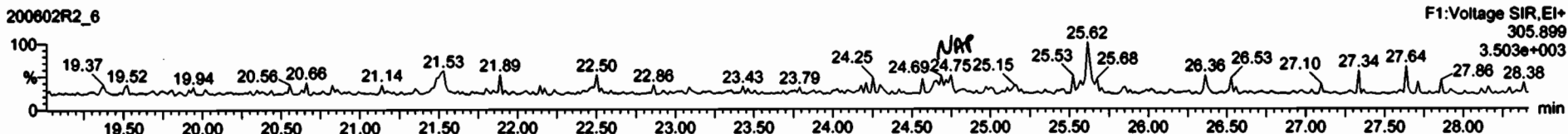
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

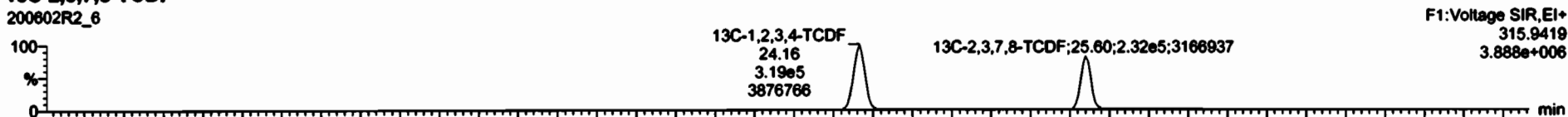
2,3,7,8-TCDF
200602R2_6



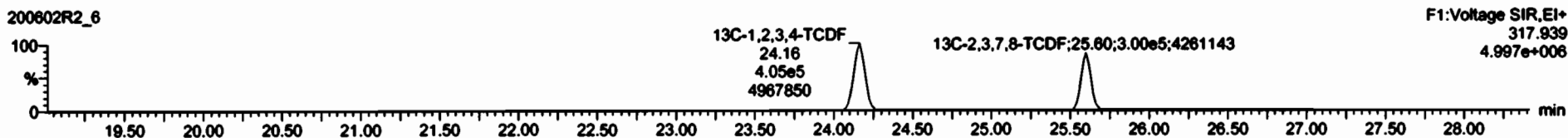
200602R2_6



13C-2,3,7,8-TCDF
200602R2_6

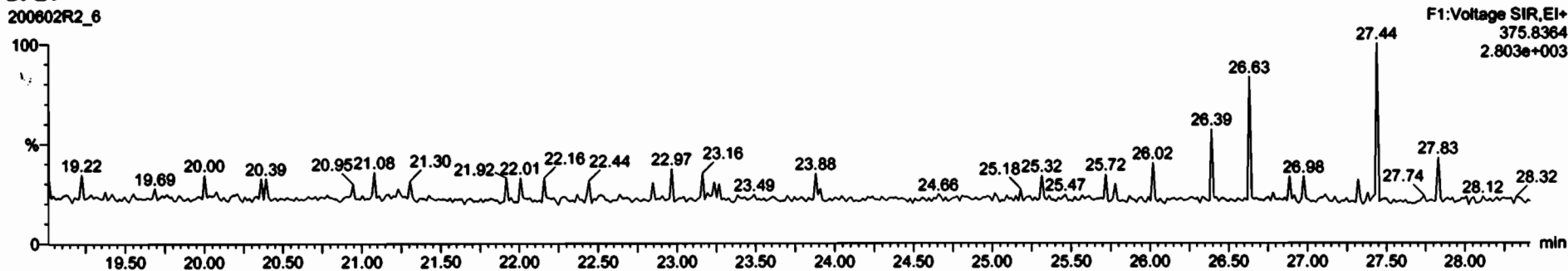


200602R2_6



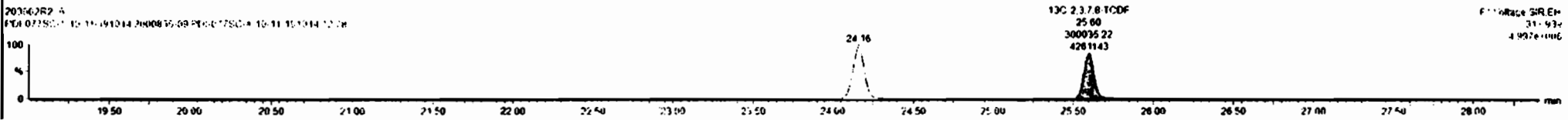
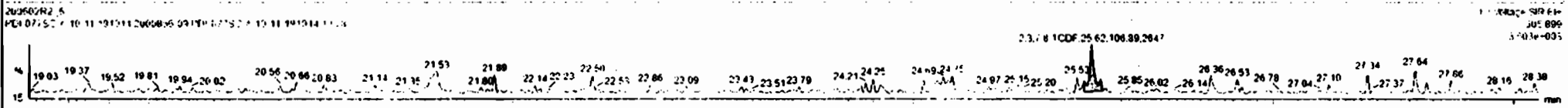
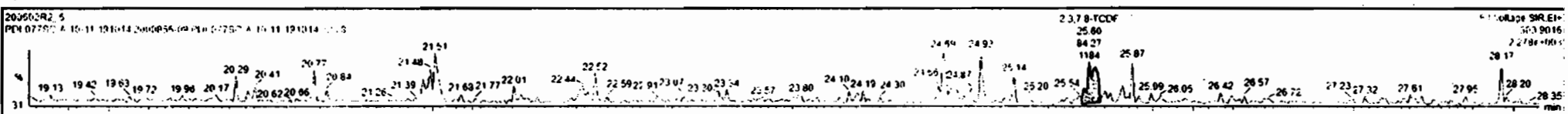
DPE1

200602R2_6



ID	Name	Resp	BA	dy	RP	width	RT	RWT	Comp	Units	GL	EMPC
42	Total Negte Downs				0.05%	10.0			5.0h		5.153	5.07
43	2.3.7.8-TCDF				0.05%	10.0			5.0h		5.153	5.07

ID	Name	RT	at Resp	at Resp	BA	dy	EMPC	Code
1	2.3.7.8-TCDF	25.60	0.427e1	1.007e2	C %	NL	0.095499	0.095499



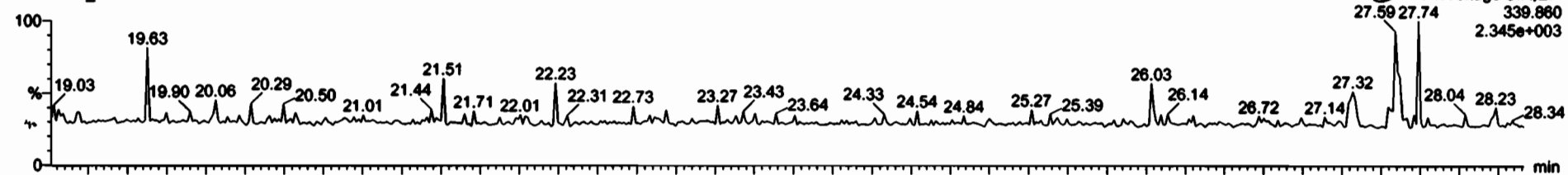
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

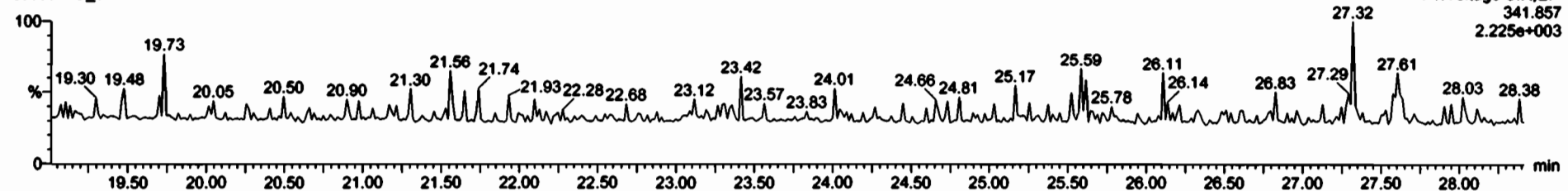
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

1st Func. Penta-Furans

200602R2_6

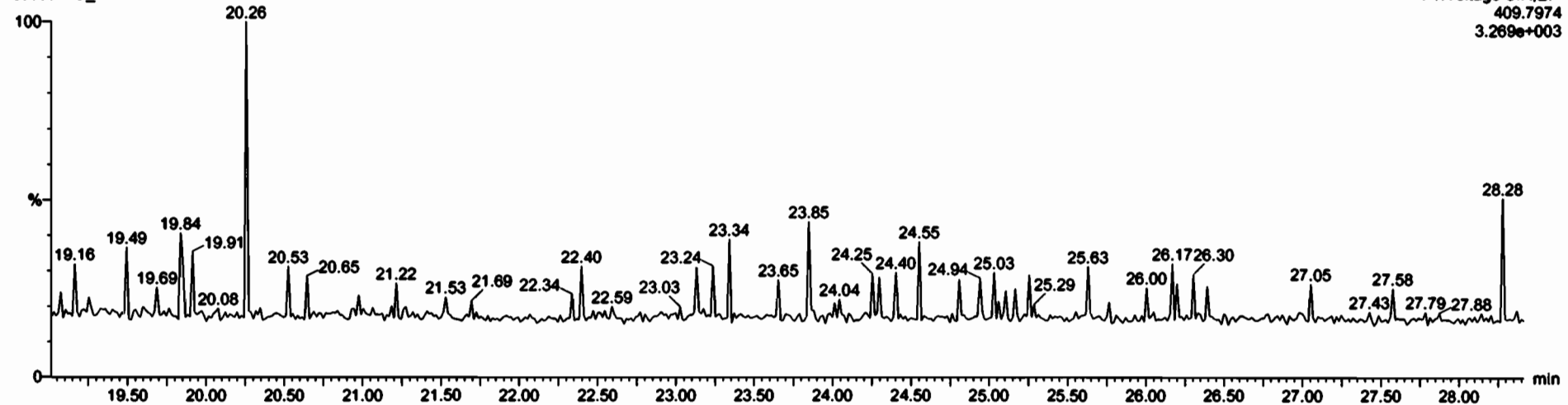


200602R2_6



DPE6

200602R2_6

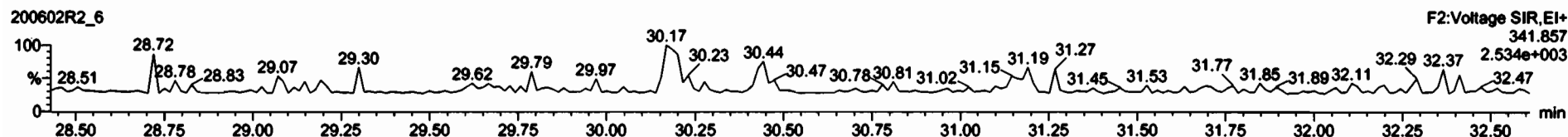
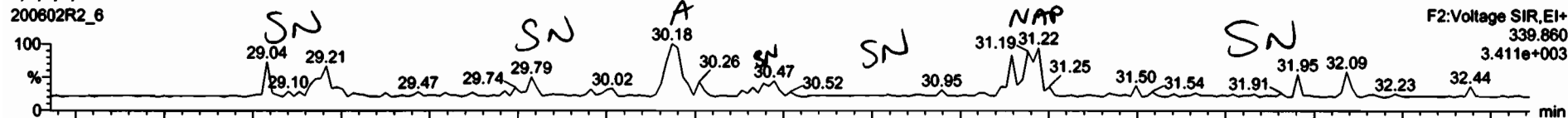


Dataset: Untitled

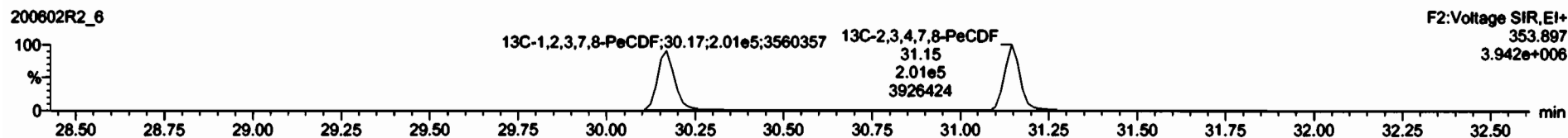
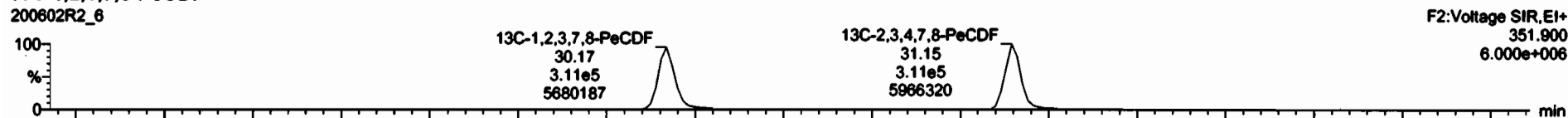
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

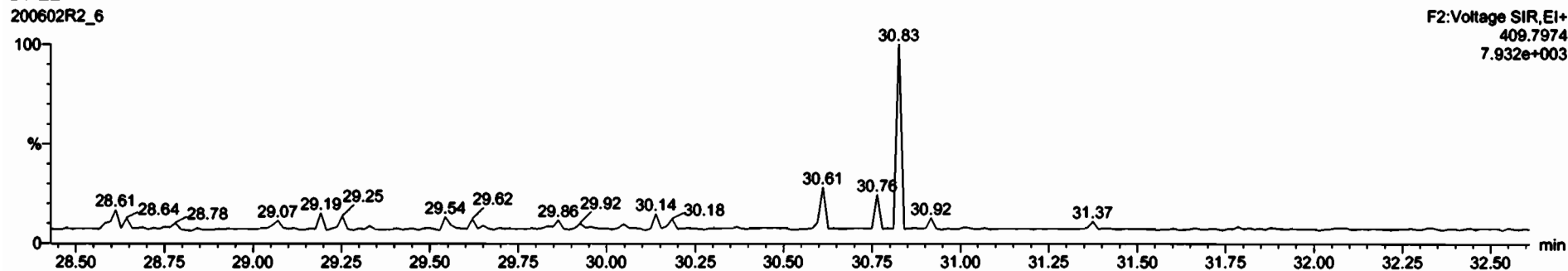
1,2,3,7,8-PeCDF



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

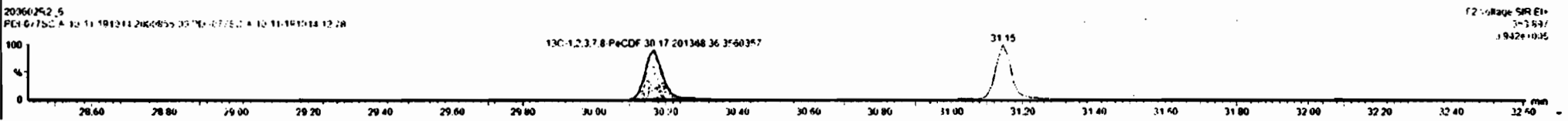
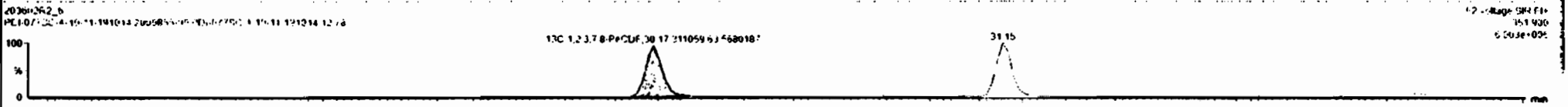
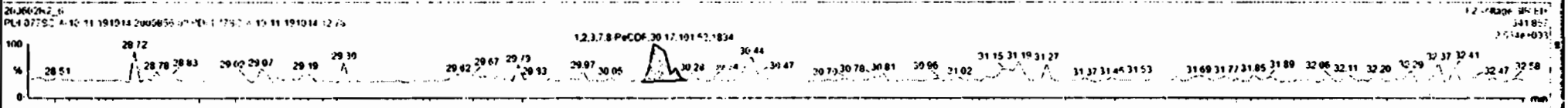
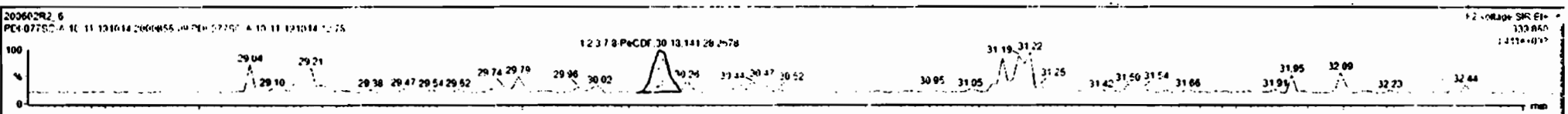


DPE2



Name	Resp	RA	aly	RP	se-vel	RT	RTT	Com	SSec	CL	EMPC
12,3,7,8-PeCDF				0.9341	10.024					0.0724	

Name	RT	ret Resp	nl Resp	RA	aly	EMPC	Case
12,3,7,8-PeCDF	30.10	1.41262	1.01562	1.24	NO	0.10783	0.18591

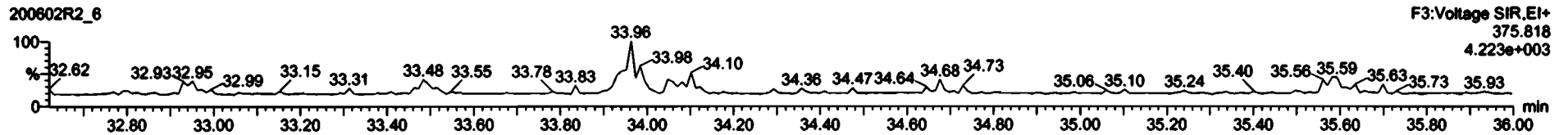
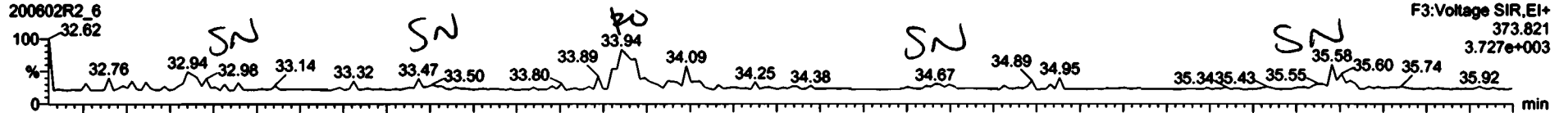


Dataset: Untitled

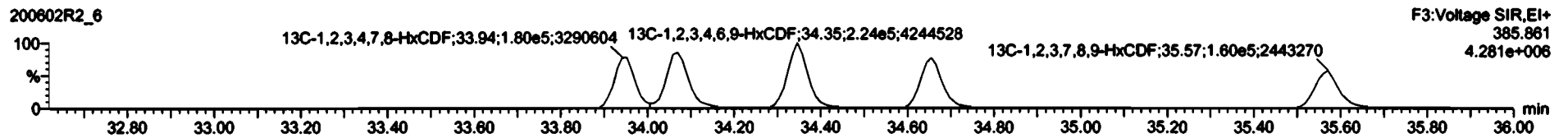
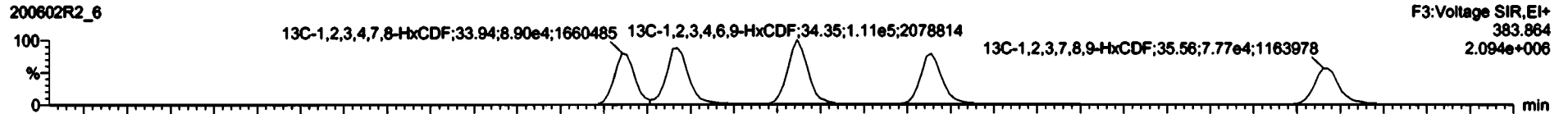
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

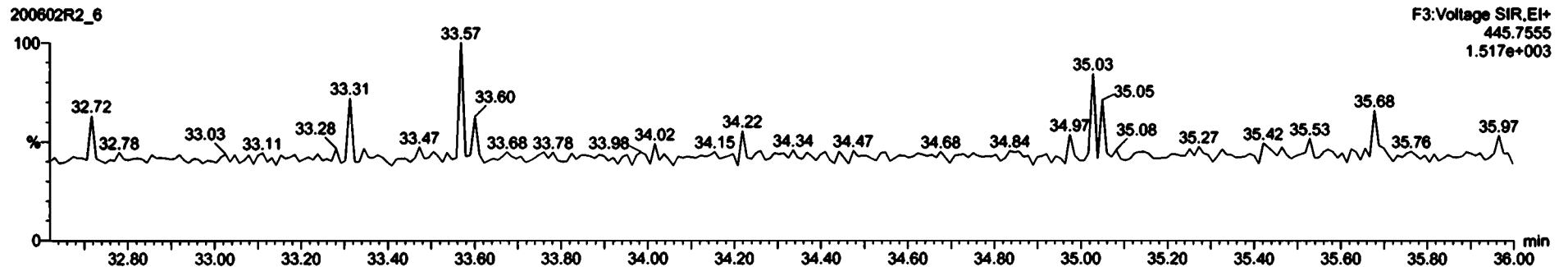
1,2,3,4,7,8-HxCDF



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



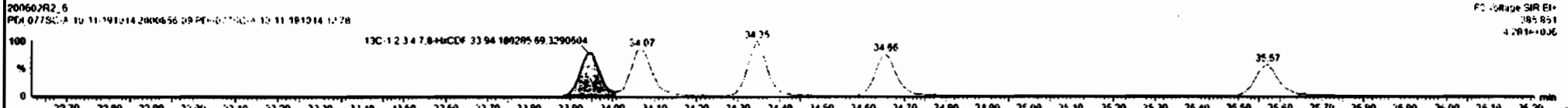
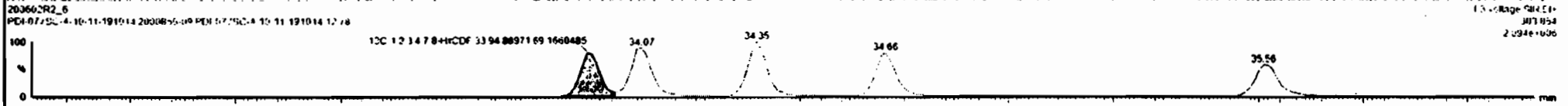
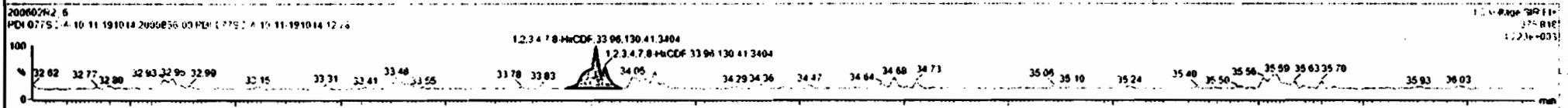
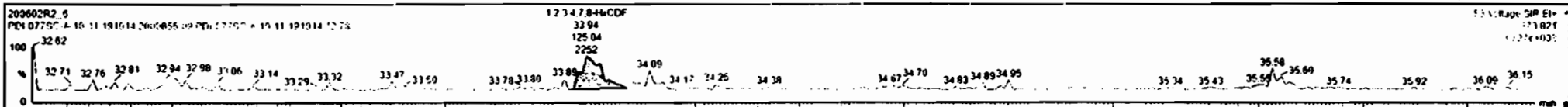
DPE3





SI	Name	Resp	RA	dy	RF	wPeak	RT	BRT	Comp	MSpec	CL	EMPC
45	Total Penta-Furans				0.0525	10.024			0.106		0.0320	0.106
46	1,2,3,4,7,8-HxCDF				0.0072	10.024			0.0144		0.0022	0.0072

SI	Name	RT	wt Resp	nl Resp	RA	dy	EMPC	Comp
1	1,2,3,4,7,8-HxCDF	33.94	1.25067	1.30467	0.96	YES	0.10665	0.00000



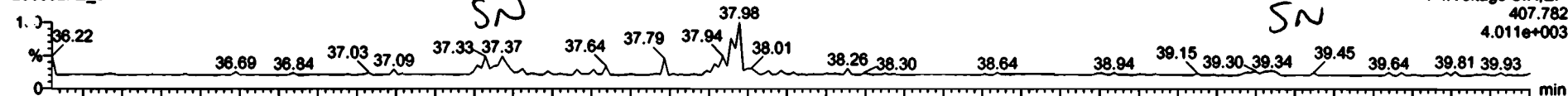
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

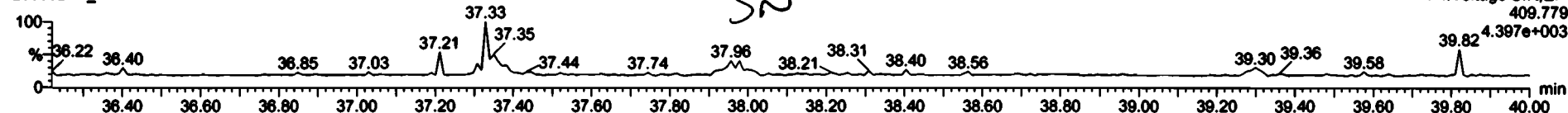
Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

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

200602R2_6

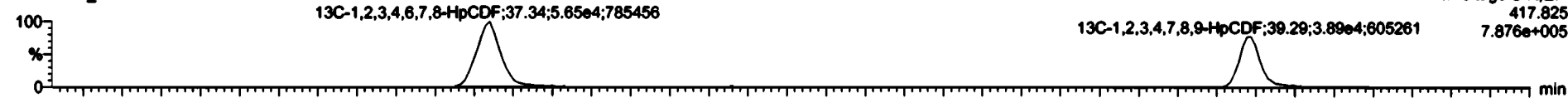


200602R2_6

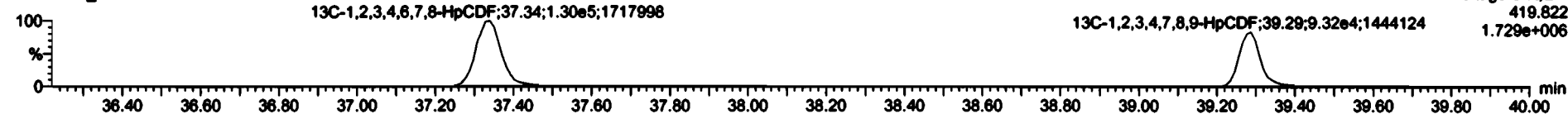


13C-1,2,3,4,6,7,8-HpCDF

200602R2_6

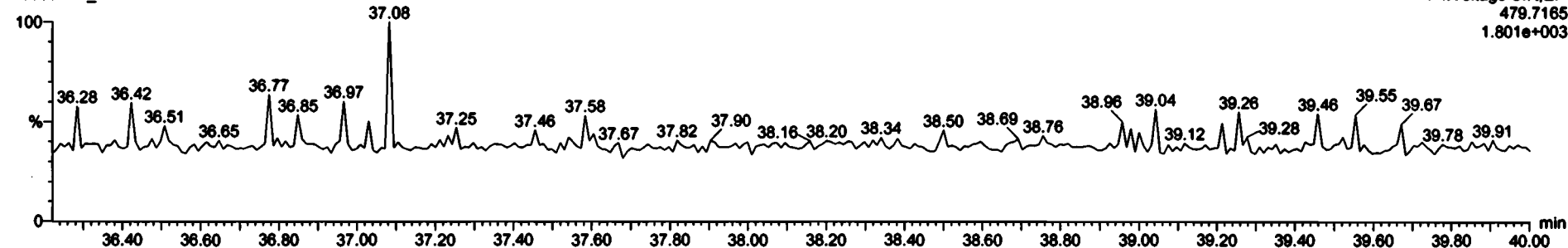


200602R2_6



DPE4

200602R2_6

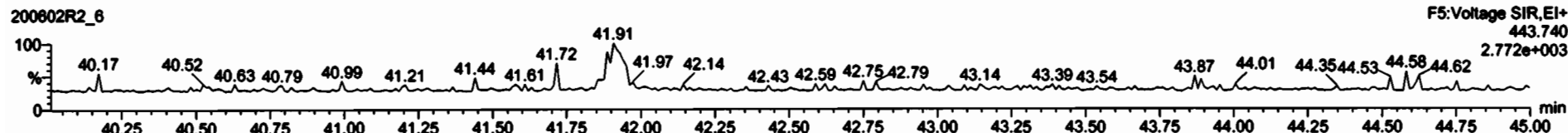
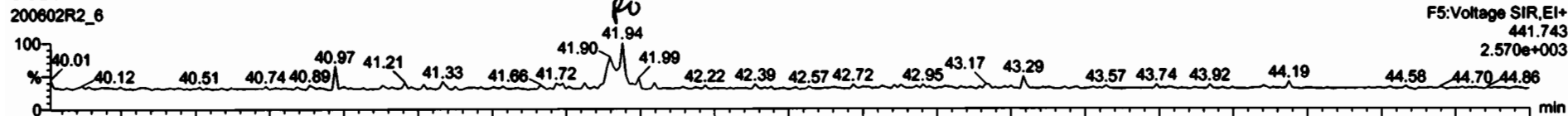


Dataset: Untitled

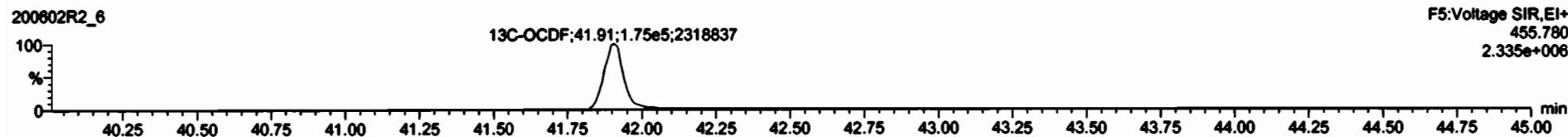
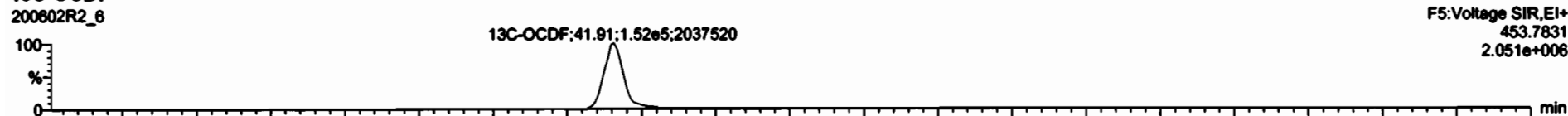
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014

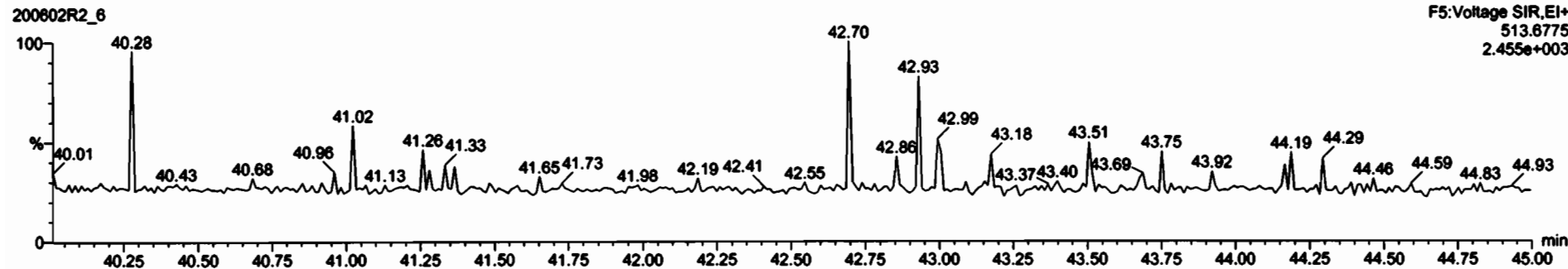
OCDF



13C-OCDF



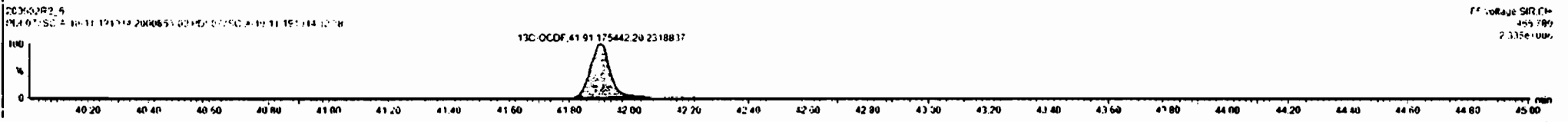
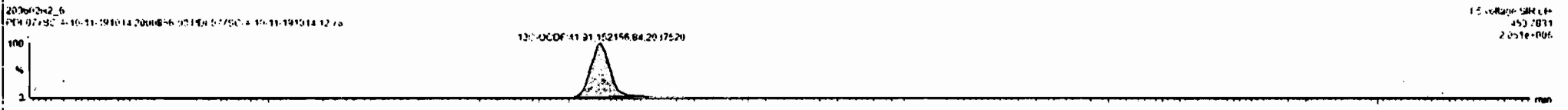
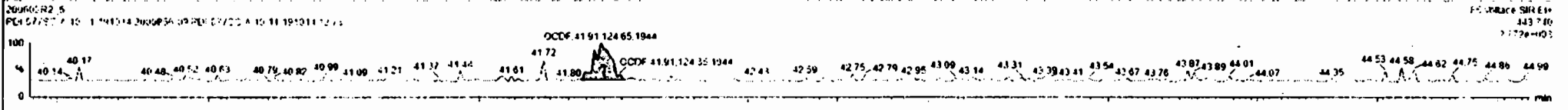
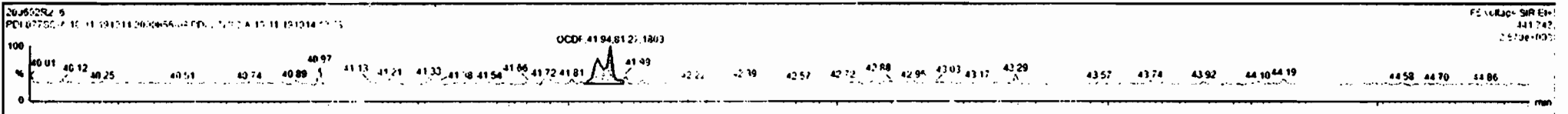
DPE5





#	Name	Resp	SN	dy	REP	Method	RT	RRT	Comp	Value	DL	ENPC
17	13C-2,3,7,8 TCDD	4.82e1	0.77	NO	1.158	13.2	28.33	1.028	100	80.1	0.27	

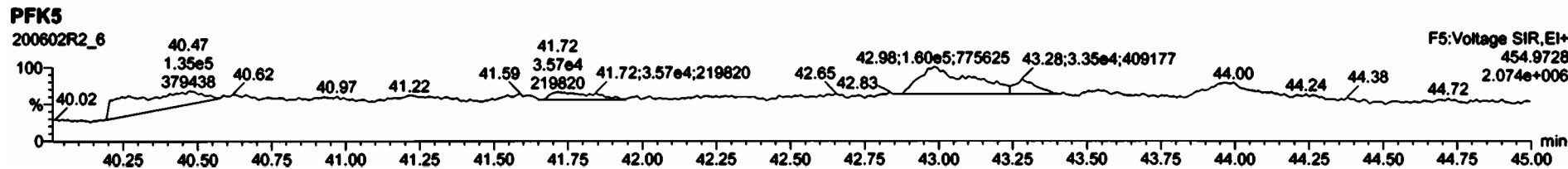
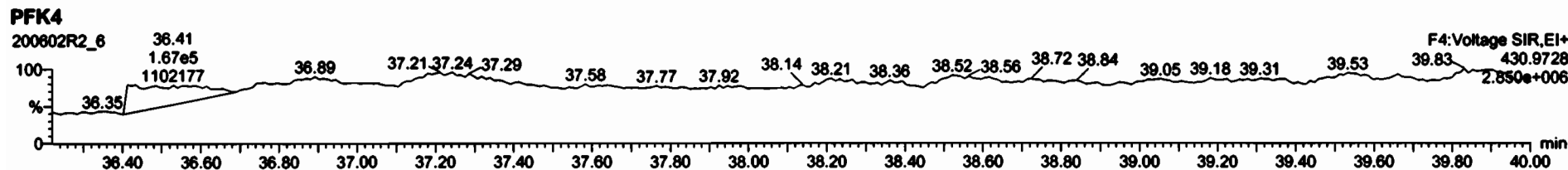
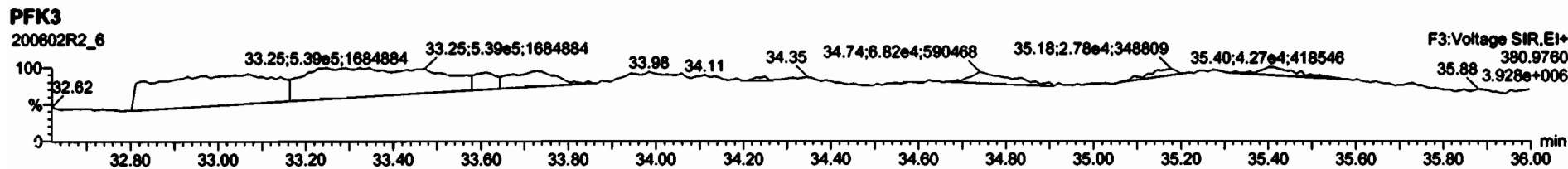
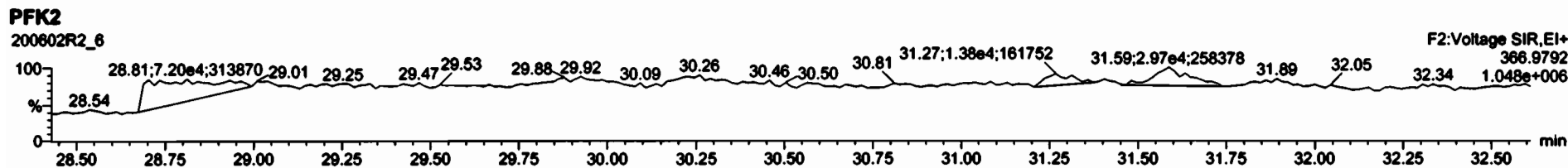
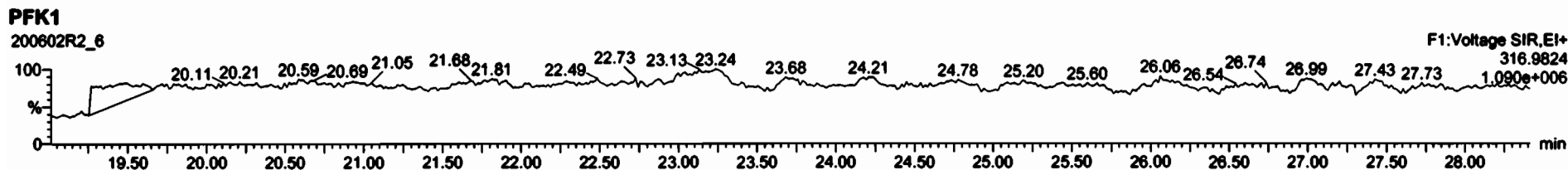
#	Name	RT	col Resp	col Resp	FA	dy	FID-C	Comp
1								



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_6, Date: 02-Jun-2020, Time: 19:12:04, ID: 2000856-09 PDI-077SC-A-10-11-191014 12.78, Description: PDI-077SC-A-10-11-191014



Dataset: U:\VG12.PRO\Results\200602R2\200602R2-5.qld

Last Altered: Wednesday, June 03, 2020 3:45:25 PM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 3:46:24 PM Pacific Daylight Time

GRB 06/03/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

C106/04/2020

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

Peak #	Compound Name	Area	Height	Y	RF	WV	WV	RF	WV	RF	WV	RF	WV	RF	WV	RF	WV
1	2,3,7,8-TCDD			NO	0.888	10.010	26.546	1.001									0.0875
2	1,2,3,7,8-PeCDD			NO	0.908	10.010	31.488	1.001									0.108
3	1,2,3,4,7,8-HxCDD			NO	1.03	10.010	34.846	1.000									0.113
4	1,2,3,6,7,8-HxCDD			NO	0.892	10.010	34.943	1.000									0.116
5	1,2,3,7,8,9-HxCDD			NO	0.887	10.010	35.231	1.000									0.134
6	1,2,3,4,6,7,8-HpCDD	4.90e2	1.04	NO	0.864	10.010	38.768	38.78	1.000	1.001	0.65476					0.234	0.655
7	OCDD	1.14e4	0.85	NO	0.914	10.010	41.727	41.75	1.000	1.001	16.342					0.234	16.3
8	2,3,7,8-TCDF			NO	0.751	10.010	25.641	1.001									0.0447
9	1,2,3,7,8-PeCDF			NO	0.893	10.010	30.205	1.001									0.0487
10	2,3,4,7,8-PeCDF			NO	0.935	10.010	31.192	1.001									0.0447
11	1,2,3,4,7,8-HxCDF			NO	0.884	10.010	33.952	1.000									0.0848
12	1,2,3,6,7,8-HxCDF			NO	0.889	10.010	34.090	1.000									0.0777
13	2,3,4,6,7,8-HxCDF			NO	0.934	10.010	34.701	1.001									0.0816
14	1,2,3,7,8,9-HxCDF			NO	0.871	10.010	35.582	1.000									0.123
15	1,2,3,4,6,7,8-HpCDF			NO	0.873	10.010	37.387	1.001									0.136
16	1,2,3,4,7,8,9-HpCDF			NO	1.01	10.010	39.309	1.000									0.137
17	OCDF			NO	0.806	10.010	41.919	1.000									0.183
18	13C-2,3,7,8-TCDD	5.09e5	0.77	NO	1.16	10.010	26.538	26.51	1.026	1.025	148.21	74.2				0.211	
19	13C-1,2,3,7,8-PeCDD	3.49e5	0.62	NO	0.849	10.010	31.729	31.47	1.227	1.217	138.44	69.3				0.242	
20	13C-1,2,3,4,7,8-HxCDD	2.20e5	1.27	NO	0.779	10.010	34.841	34.84	1.014	1.014	149.67	74.9				0.956	
21	13C-1,2,3,6,7,8-HxCDD	2.66e5	1.27	NO	1.02	10.010	34.955	34.94	1.017	1.017	138.24	69.2				0.732	
22	13C-1,2,3,7,8,9-HxCDD	2.41e5	1.22	NO	0.903	10.010	35.226	35.22	1.025	1.025	141.16	70.7				0.825	
23	13C-1,2,3,4,6,7,8-HpCDD	1.73e5	1.04	NO	0.689	10.010	38.751	38.76	1.128	1.128	132.91	66.5				0.573	
24	13C-OCDD	3.06e5	0.89	NO	0.652	10.010	41.775	41.73	1.216	1.215	248.28	62.1				0.607	
25	13C-2,3,7,8-TCDF	6.04e5	0.77	NO	1.06	10.010	25.578	25.61	0.989	0.991	142.58	71.4				0.360	
26	13C-1,2,3,7,8-PeCDF	4.98e5	1.57	NO	0.838	10.010	30.111	30.18	1.165	1.167	148.49	74.3				0.584	
27	13C-2,3,4,7,8-PeCDF	4.90e5	1.57	NO	0.817	10.010	31.065	31.16	1.202	1.205	149.90	75.0				0.599	
28	13C-1,2,3,4,7,8-HxCDF	2.51e5	0.49	NO	1.01	10.010	33.972	33.95	0.989	0.988	131.82	66.0				0.718	
29	13C-1,2,3,6,7,8-HxCDF	3.04e5	0.49	NO	1.17	10.010	34.096	34.08	0.992	0.992	137.75	68.9				0.620	
30	13C-2,3,4,6,7,8-HxCDF	2.72e5	0.50	NO	1.02	10.010	34.670	34.67	1.009	1.009	140.85	70.5				0.708	
31	13C-1,2,3,7,8,9-HxCDF	2.19e5	0.51	NO	0.860	10.010	35.570	35.58	1.035	1.036	134.76	67.4				0.841	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-5.qld

Last Altered: Wednesday, June 03, 2020 3:45:25 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:46:24 PM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

32	13C-1,2,3,4,6,7,8-HpCDF	1.79e5	0.42	NO	0.774	10.010	37.319	37.35	1.086	1.087	122.51	61.3	0.643	
33	13C-1,2,3,4,7,8,9-HpCDF	1.24e5	0.41	NO	0.521	10.010	39.349	39.31	1.145	1.144	125.53	62.8	0.956	
34	13C-OCDF	3.32e5	0.85	NO	0.746	10.010	41.946	41.92	1.221	1.220	235.42	58.9	0.401	
35	37Cl-2,3,7,8-TCDD	2.31e5			1.04	10.010	26.569	26.53	1.028	1.026	75.027	93.9	0.132	
36	13C-1,2,3,4-TCDD	5.94e5	0.80	NO	1.00	10.010	25.890	25.85	1.000	1.000	199.81	100	0.244	
37	13C-1,2,3,4-TCDF	7.99e5	0.76	NO	1.00	10.010	24.360	24.18	1.000	1.000	199.81	100	0.382	
38	13C-1,2,3,4,6,9-HxCDF	3.78e5	0.50	NO	1.00	10.010	34.420	34.36	1.000	1.000	199.81	100	0.723	
39	Total Tetra-Dioxins				0.888	10.010	24.620		0.000				0.0555	
40	Total Penta-Dioxins				0.908	10.010	29.960		0.000				0.0448	
41	Total Hexa-Dioxins				0.892	10.010	33.635		0.000		0.52028		0.126	0.520
42	Total Hepta-Dioxins				0.864	10.010	37.640		0.000		1.9130		0.234	1.91
43	Total Tetra-Furans				0.751	10.010	23.610		0.000				0.0162	
44	1st Func. Penta-Furans				0.893	10.010	27.580		0.000				0.0123	
45	Total Penta-Furans				0.893	10.010	29.275		0.000				0.0207	
46	Total Hexa-Furans				0.934	10.010	33.555		0.000				0.0404	
47	Total Hepta-Furans				0.873	10.010	37.835		0.000				0.0734	

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-5.qld

Last Altered: Wednesday, June 03, 2020 3:45:25 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:46:24 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\lb5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

Tetra-Dioxins

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
------	------	--------	--------	------	------	------	------	------	------	------	------

Penta-Dioxins

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
------	------	--------	--------	------	------	------	------	------	------	------	------

Hexa-Dioxins

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
Total Hexa-Dioxins	33.35	7.950e3	5.345e3	3.180e2	2.448e2	1.30	NO	5.828e2	0.52028	0.52028	0.126

Hepta-Dioxins

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
Total Hepta-Dioxins	37.76	7.341e3	5.435e3	4.760e2	4.657e2	1.02	NO	9.417e2	1.2582	1.2582	0.234
1,2,3,4,6,7,8-HpCDD	38.78	3.791e3	4.324e3	2.502e2	2.398e2	1.04	NO	4.901e2	0.65476	0.65476	0.234

Tetra-Furans

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
------	------	--------	--------	------	------	------	------	------	------	------	------

Penta-Furans function 1

Peak	Area	Height	Height	Area	Area	Area	Area	Area	Area	Area	Area
------	------	--------	--------	------	------	------	------	------	------	------	------

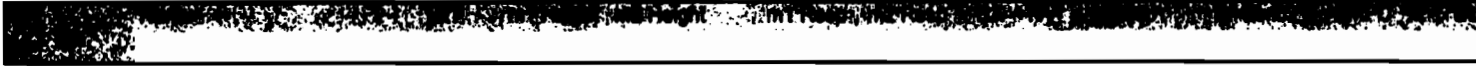
Dataset: U:\VG12.PRO\Results\200602R2\200602R2-5.qld

Last Altered: Wednesday, June 03, 2020 3:45:25 PM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 3:46:24 PM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

Penta-Furans



Hexa-Furans



Hepta-Furans



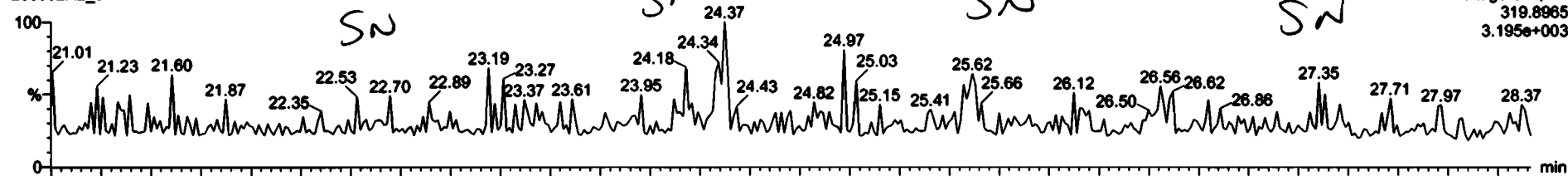
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

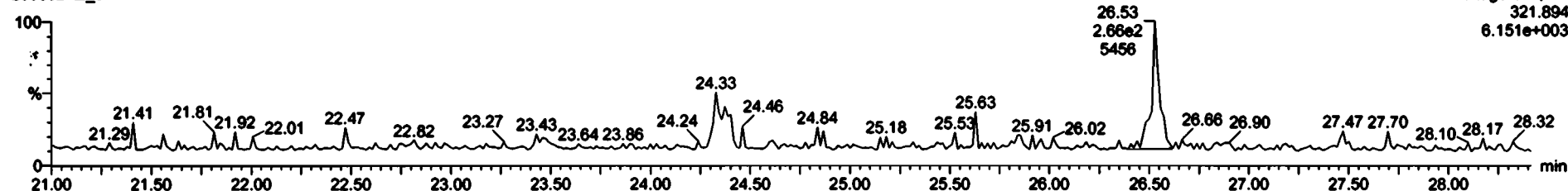
2,3,7,8-TCDD

200602R2_5



F1: Voltage SIR, EI+
319.8965
3.195e+003

200602R2_5



F1: Voltage SIR, EI+
321.894
6.151e+003

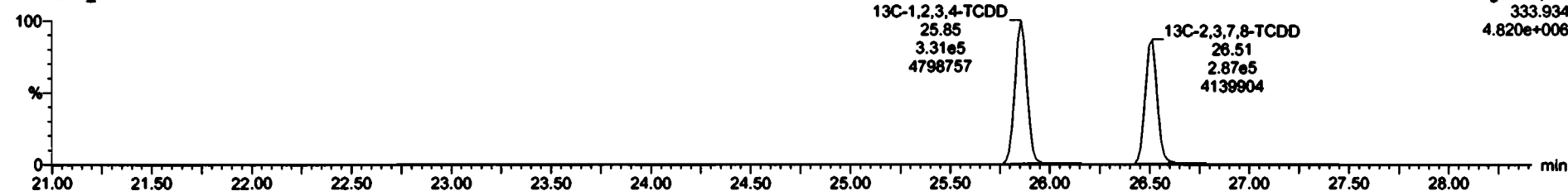
13C-2,3,7,8-TCDD

200602R2_5



F1: Voltage SIR, EI+
331.9368
3.762e+006

200602R2_5



F1: Voltage SIR, EI+
333.934
4.820e+006

Dataset: Untitled

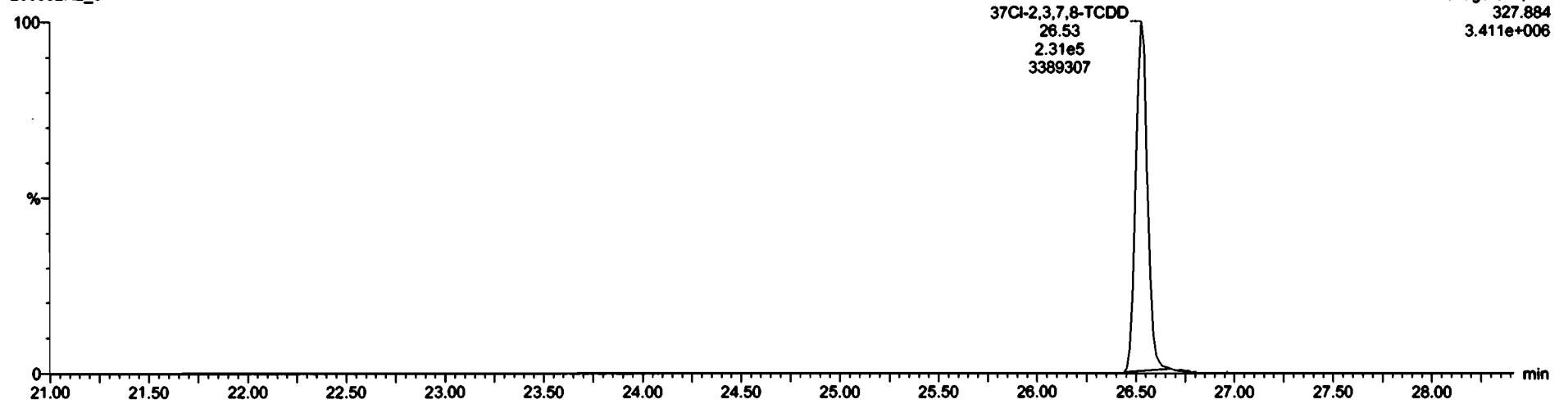
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

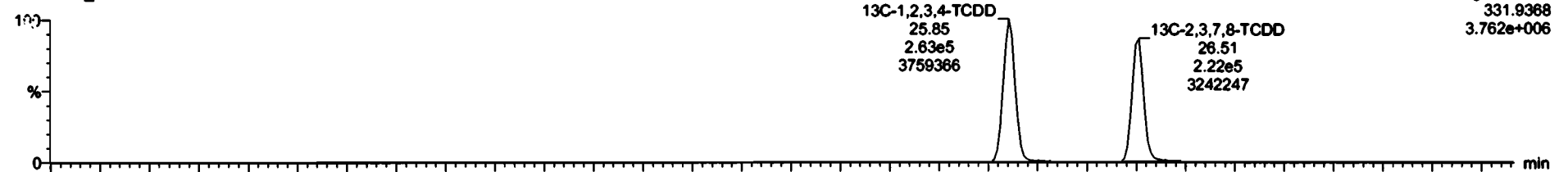
37Cl-2,3,7,8-TCDD

200602R2_5

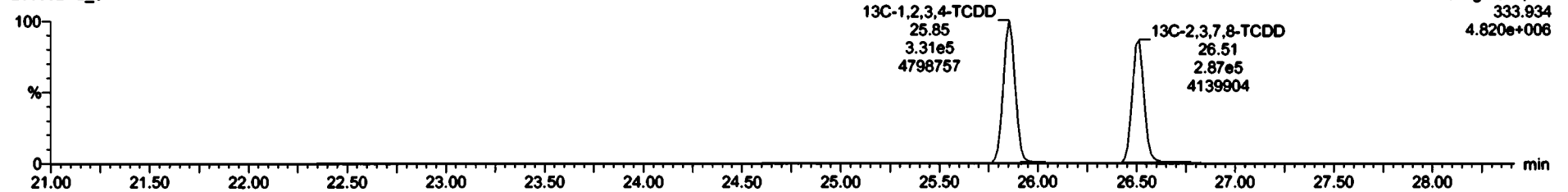


13C-1,2,3,4-TCDD

200602R2_5



200602R2_5



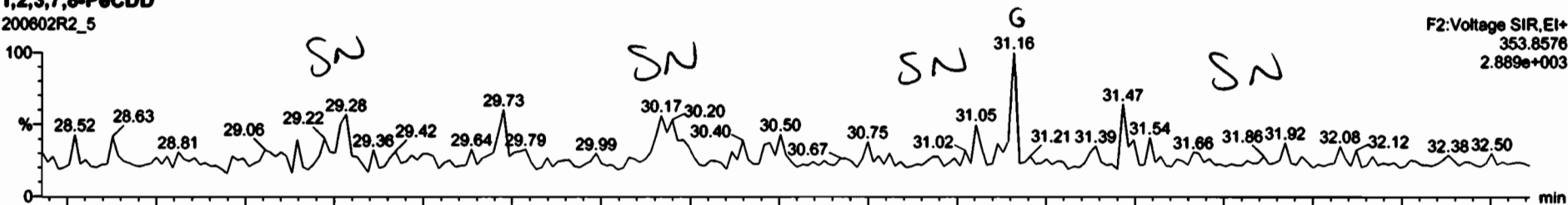
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

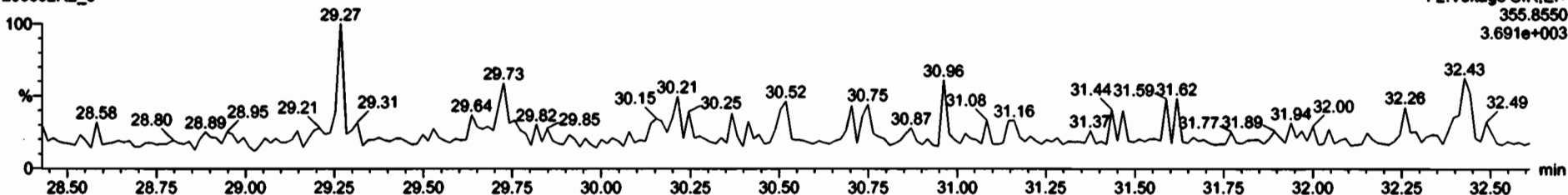
1,2,3,7,8-PeCDD

200602R2_5



F2:Voltage SIR,EI+
353.8576
2.889e+003

200602R2_5



F2:Voltage SIR,EI+
355.8550
3.691e+003

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

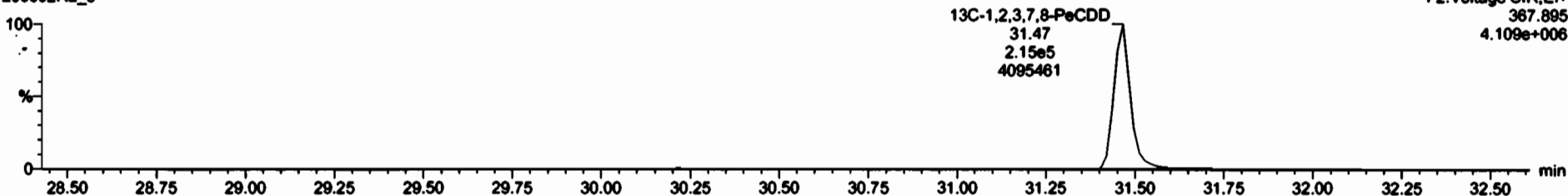
200602R2_5



13C-1,2,3,7,8-PeCDD
31.47
1.34e5
2501872

F2:Voltage SIR,EI+
365.8978
2.511e+006

200602R2_5



13C-1,2,3,7,8-PeCDD
31.47
2.15e5
4095461

F2:Voltage SIR,EI+
367.895
4.109e+006

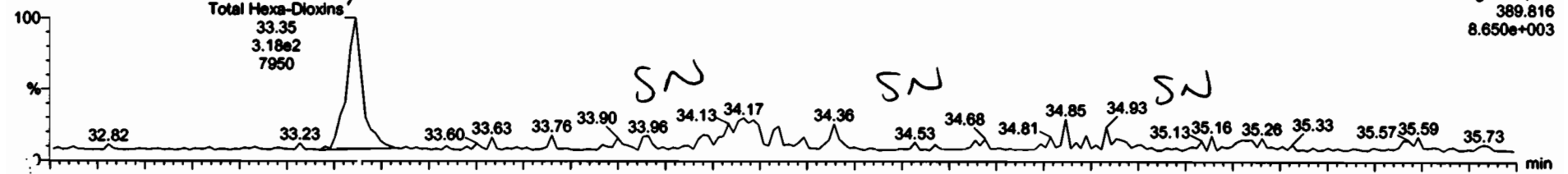
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

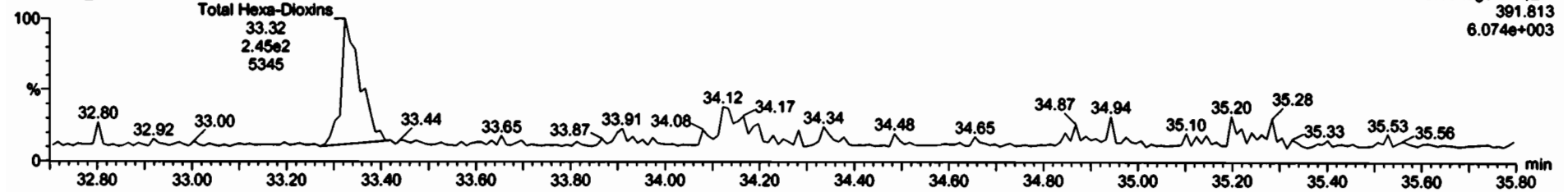
Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

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

200602R2_5



200602R2_5

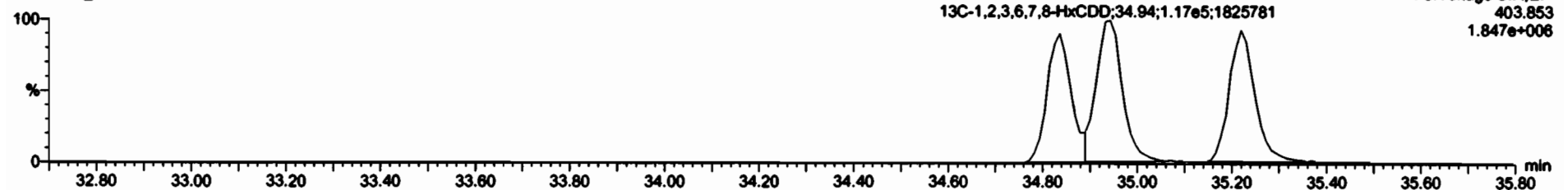


13C-1,2,3,4,7,8-HxCDD

200602R2_5



200602R2_5



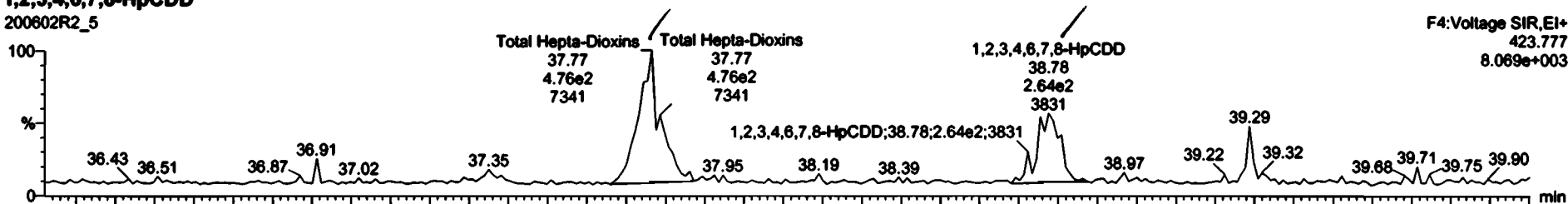
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

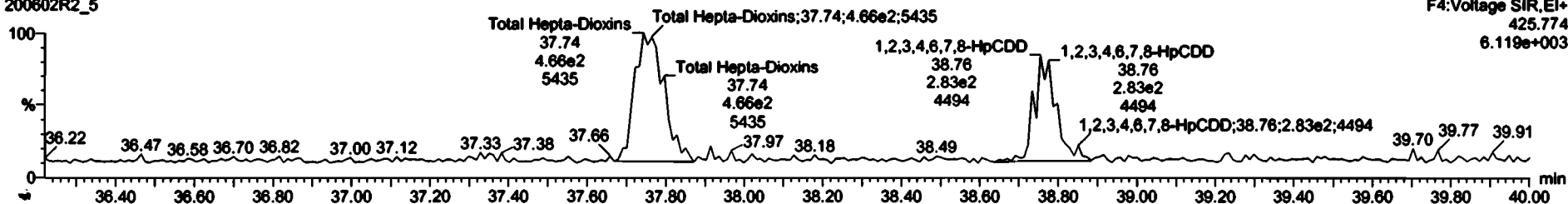
1,2,3,4,6,7,8-HpCDD

200602R2_5



F4:Voltage SIR,EI+
423.777
8.069e+003

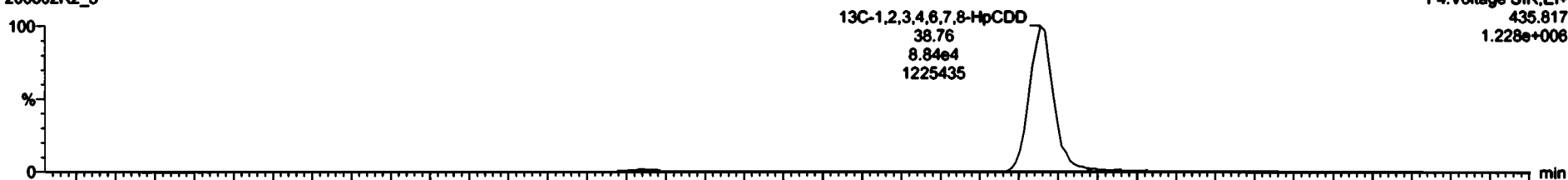
200602R2_5



F4:Voltage SIR,EI+
425.774
6.119e+003

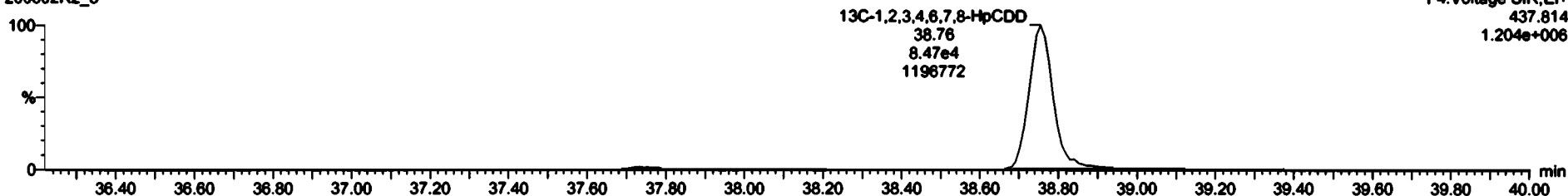
13C-1,2,3,4,6,7,8-HpCDD

200602R2_5



F4:Voltage SIR,EI+
435.817
1.228e+006

200602R2_5

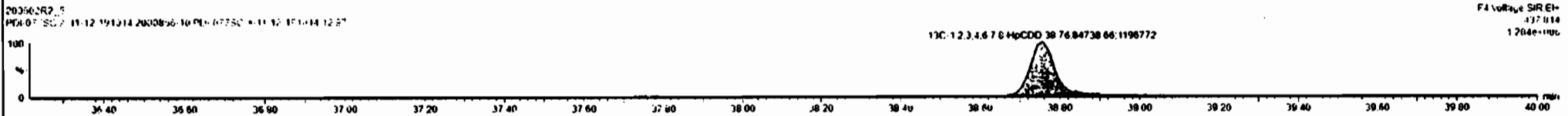
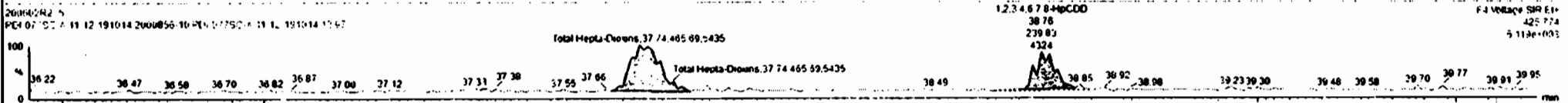
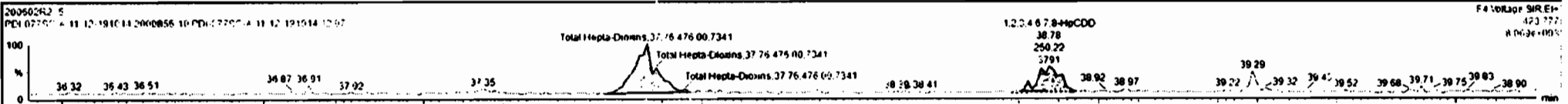


F4:Voltage SIR,EI+
437.814
1.204e+006



ID	Name	Resp	SA	dy	RRP	WtFac	RT	BRT	Comp	TRec	EL	EMPC
42	Total Hepta-Dioxins				0.0000	10.000				0.00	0.250	1.00
43	Total Tere Furans				0.7510	10.010					0.0102	

ID	Name	RT	ml Resp	ml Resp	SA	dy	EMPC	Comp
1	Total Hepta-Dioxins	37.76	4.760e2	4.657e2	1.02	NO	1.2582	1.2482
2	1,2,3,4,6,7,8-HpCDD	38.73	2.582e2	2.386e2	1.04	NO	0.65476	0.66476



Custom Reporting: Select reports to generate

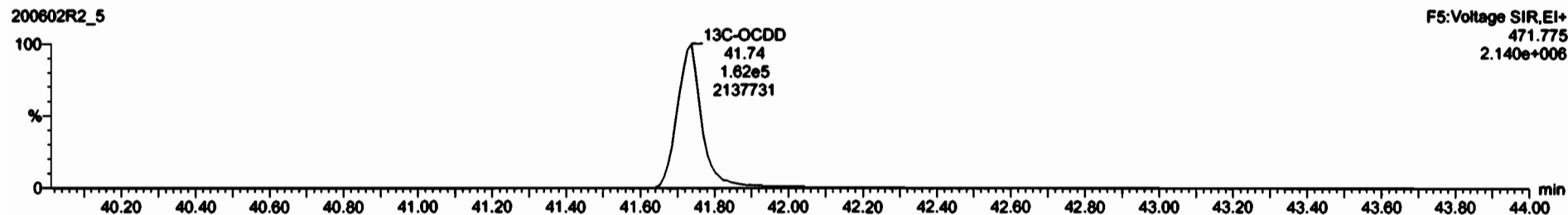
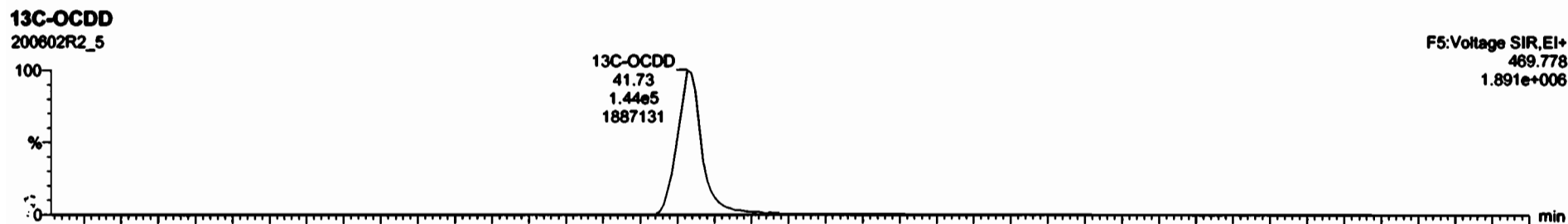
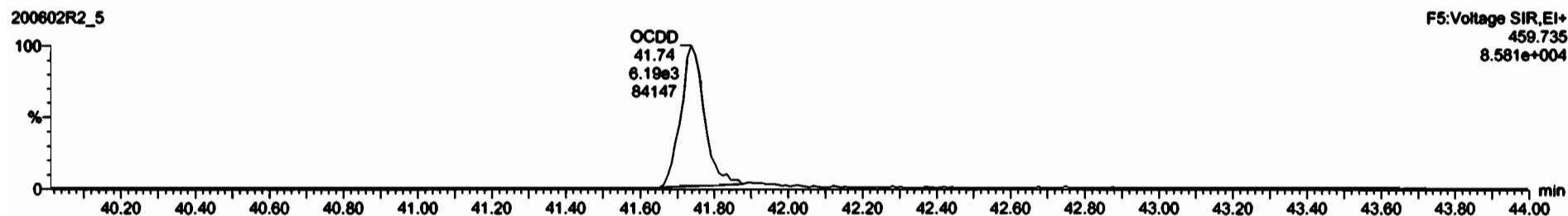
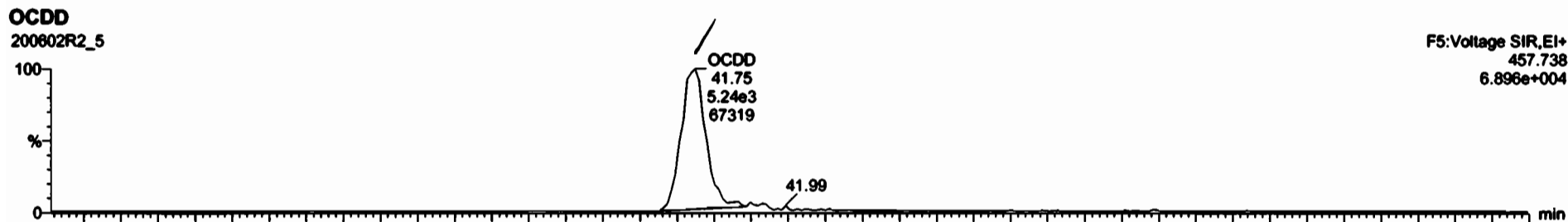
20080282_5 CAP NUM

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

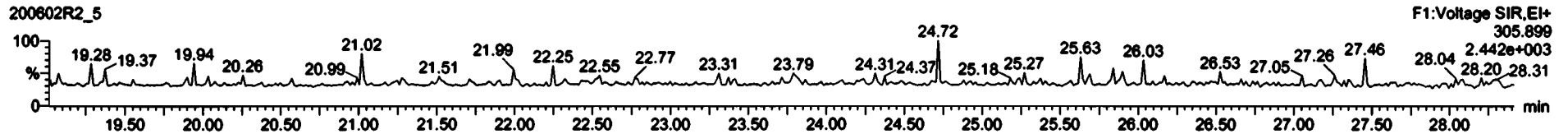
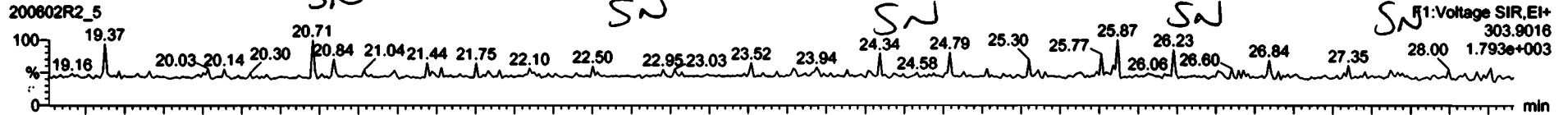


Dataset: Untitled

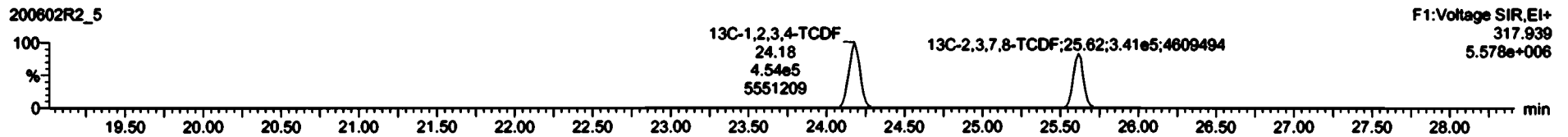
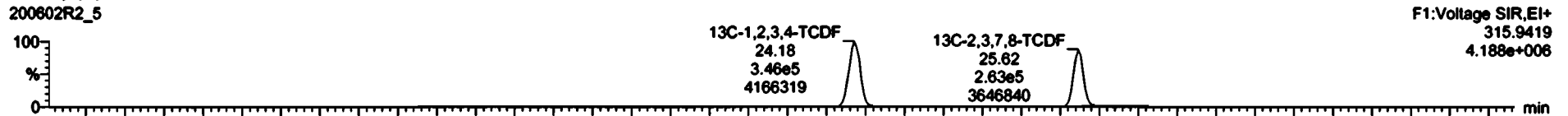
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

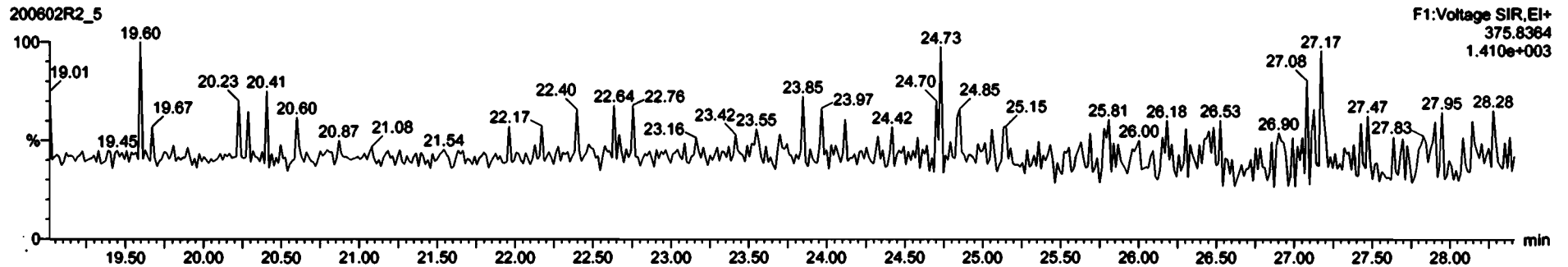
2,3,7,8-TCDF



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



DPE1



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

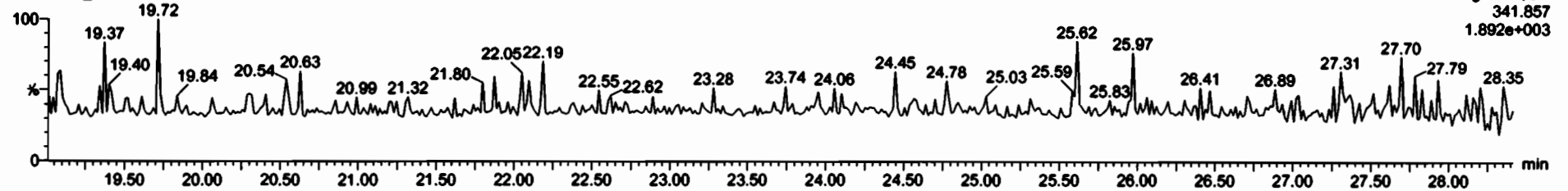
Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

1st Func. Penta-Furans

200602R2_5

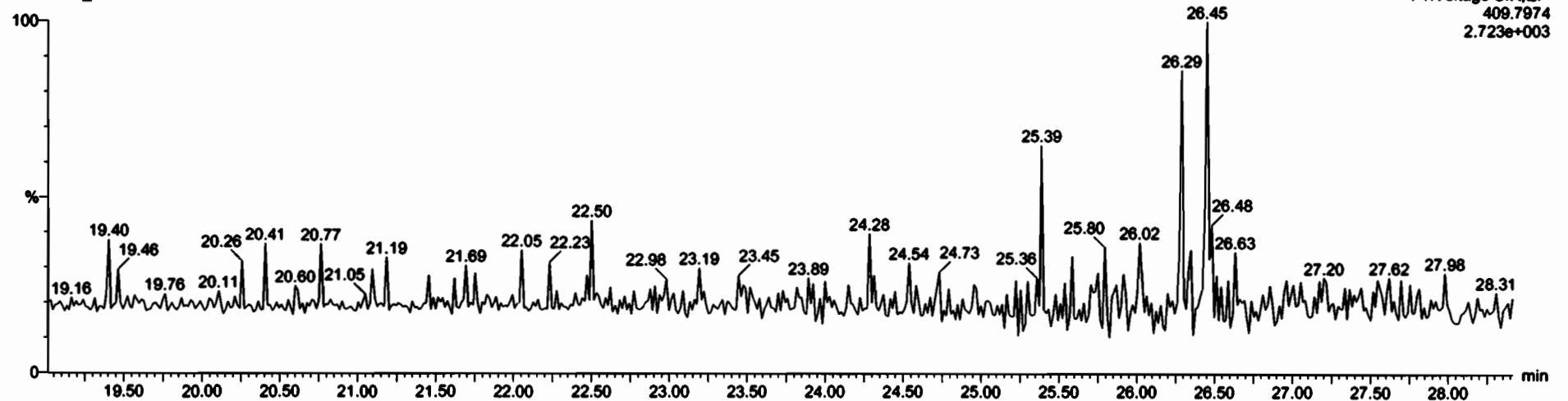


200602R2_5



DPE6

200602R2_5



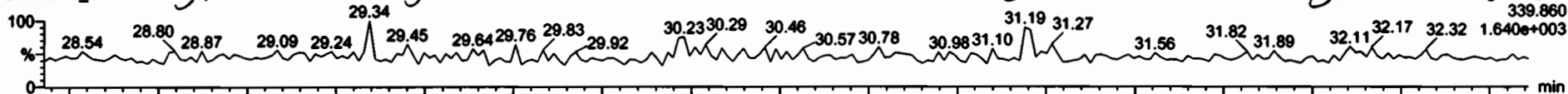
Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

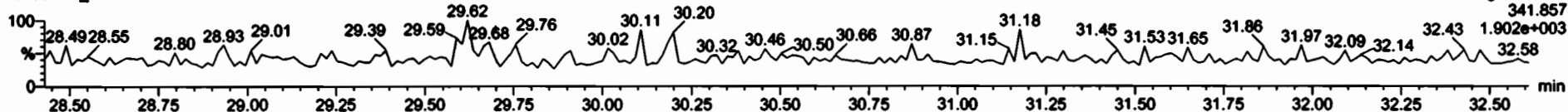
Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

1,2,3,7,8-PeCDF

200602R2_5

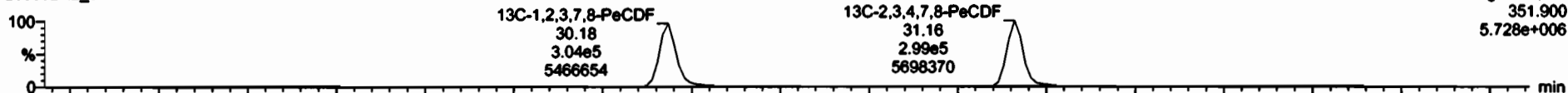


200602R2_5

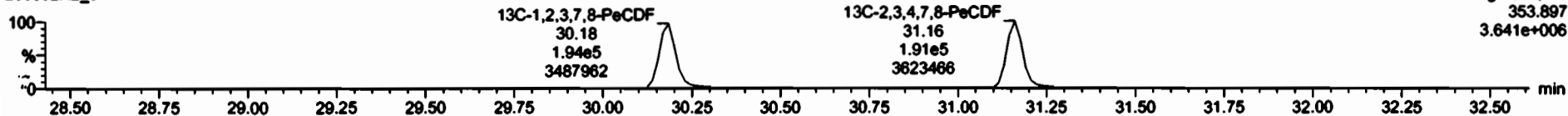


13C-1,2,3,7,8-PeCDF

200602R2_5

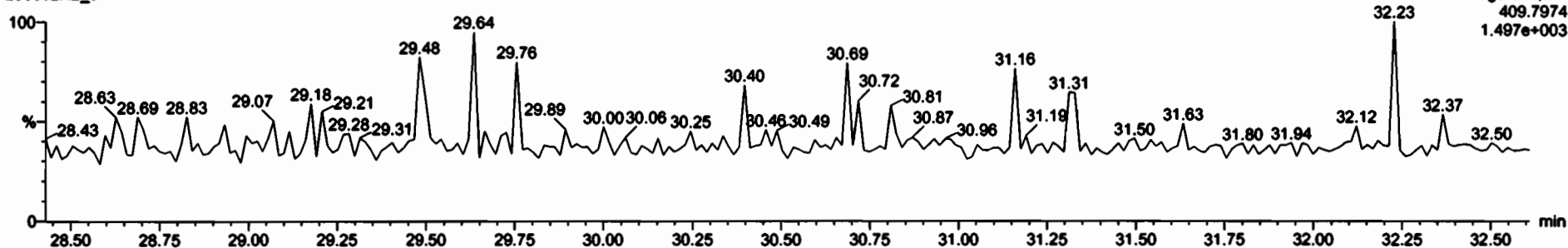


200602R2_5



DPE2

200602R2_5

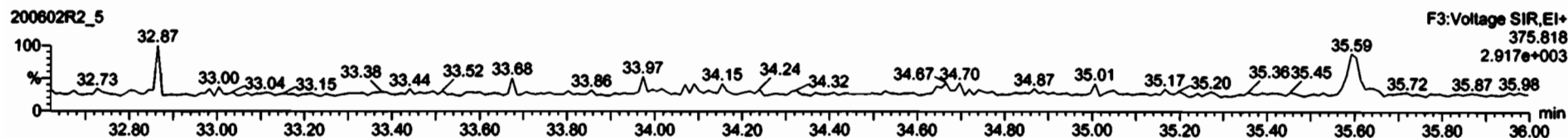
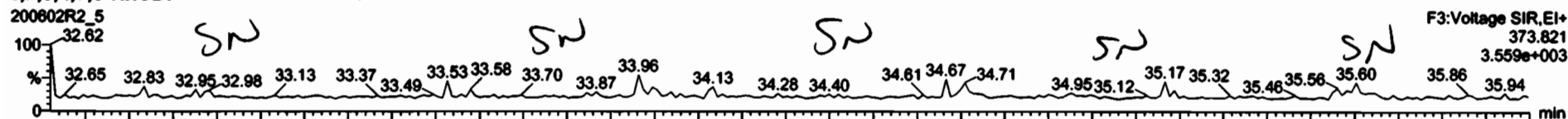


Dataset: Untitled

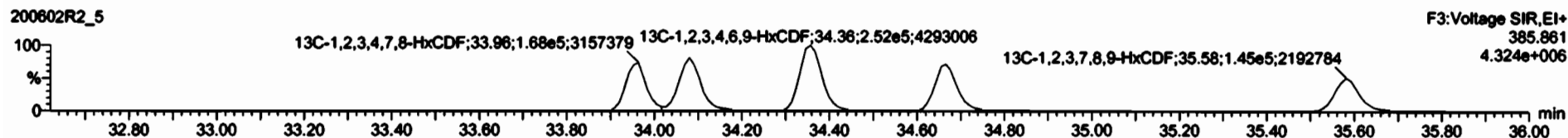
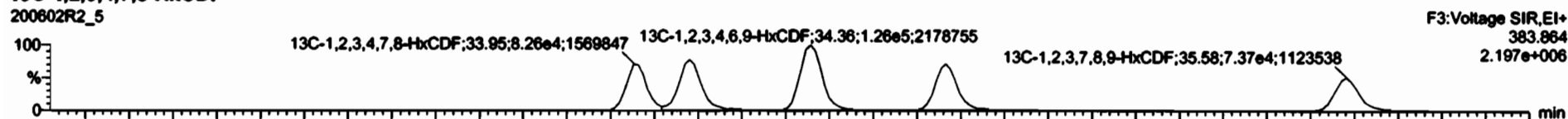
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

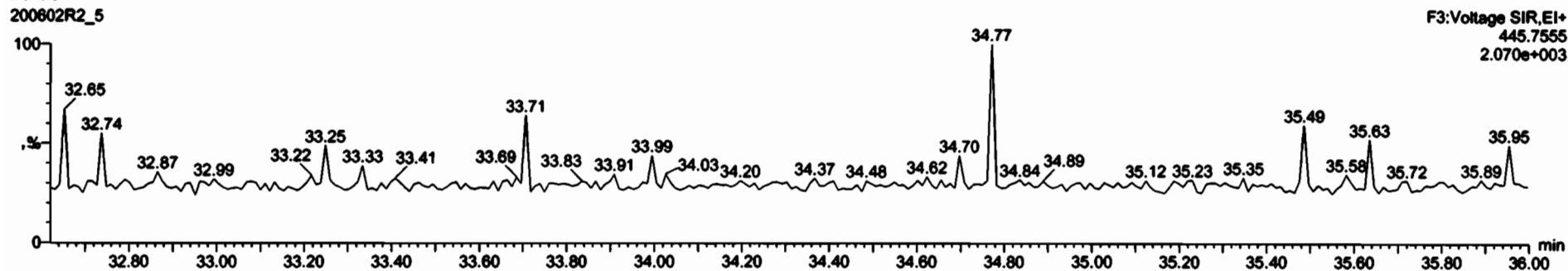
1,3,4,7,8-HxCDF



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



DPE3

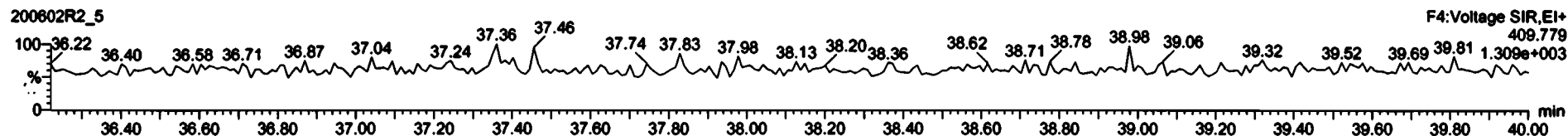
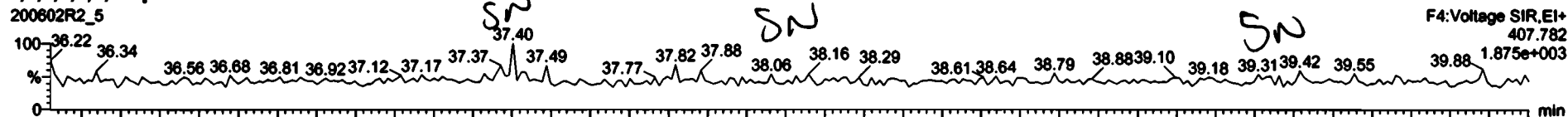


Dataset: Untitled

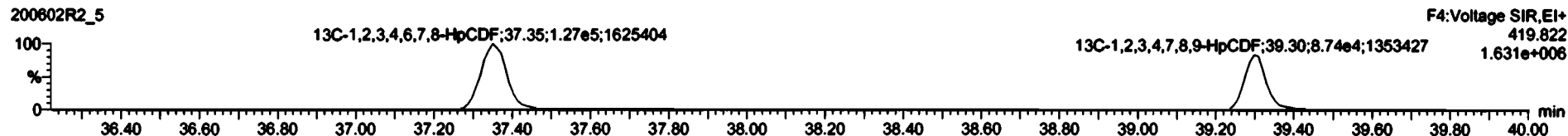
Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014

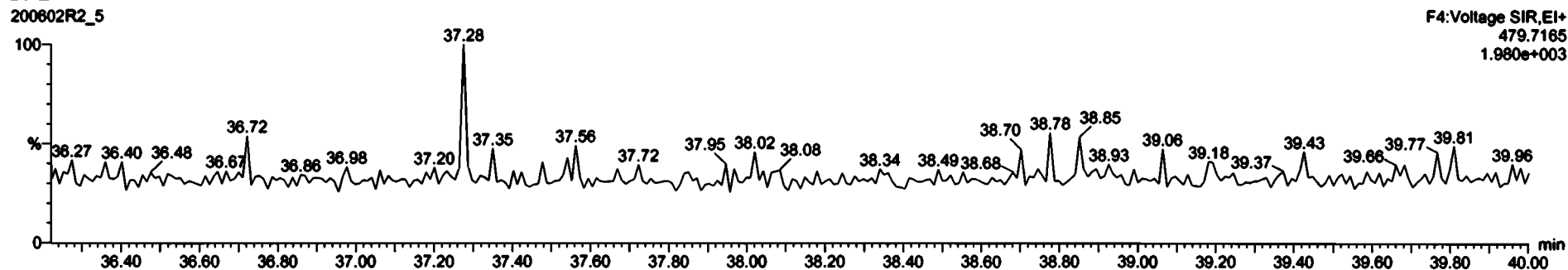
1,2,3,4,6,7,8-HpCDF



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



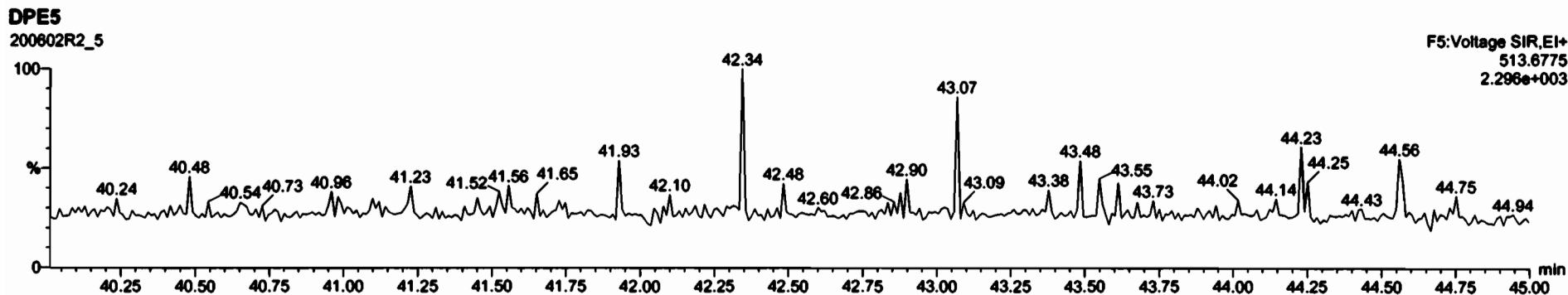
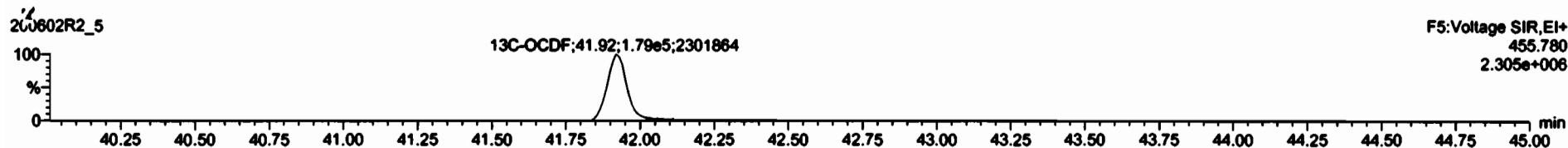
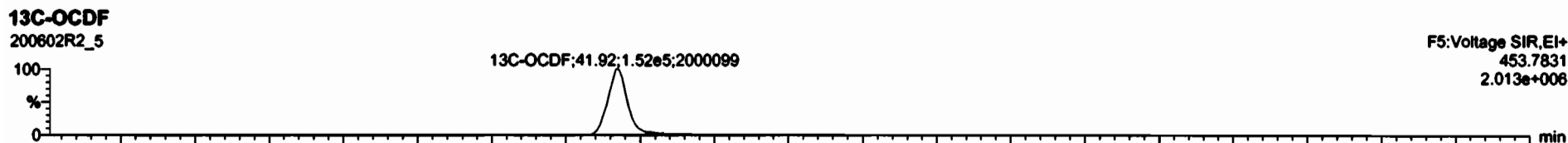
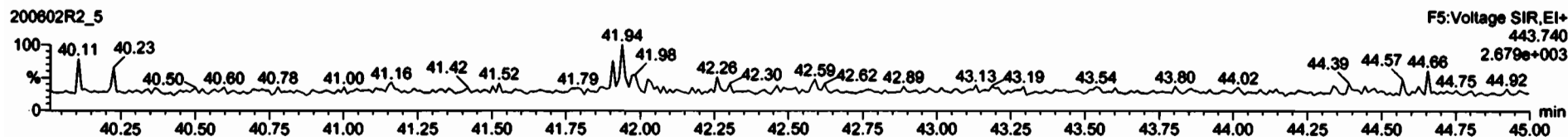
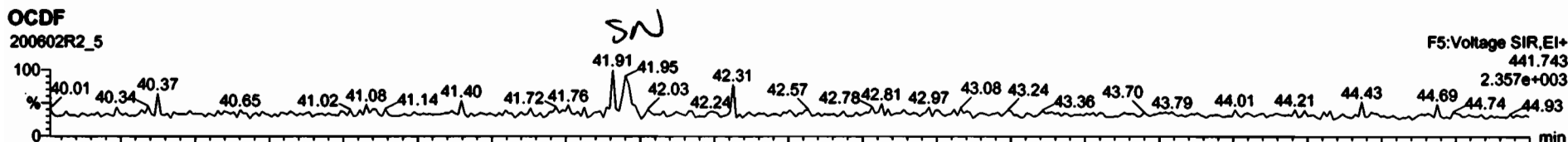
DPE4



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

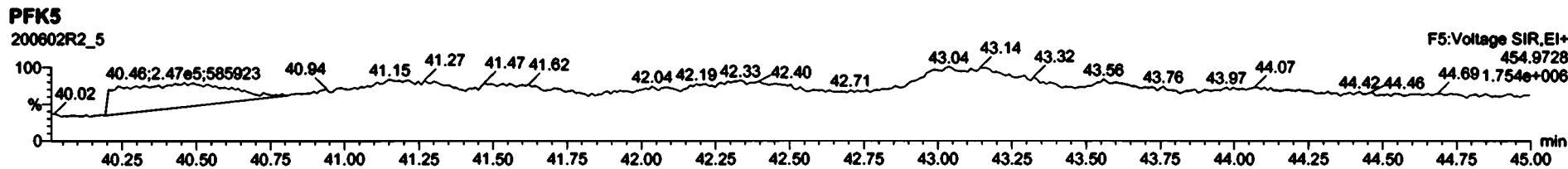
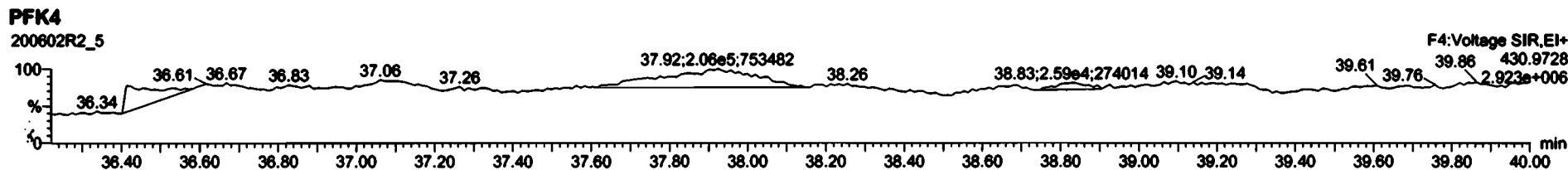
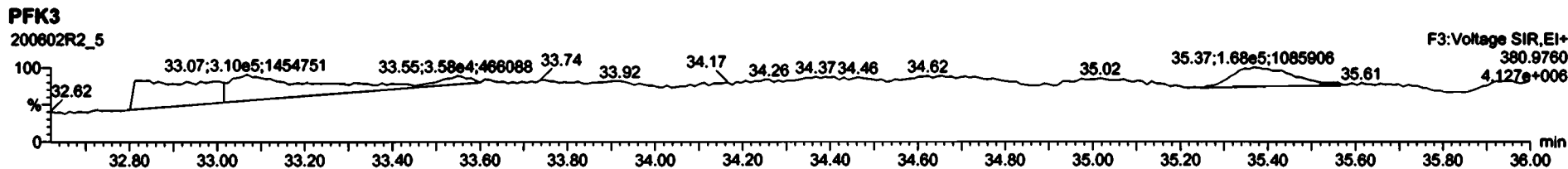
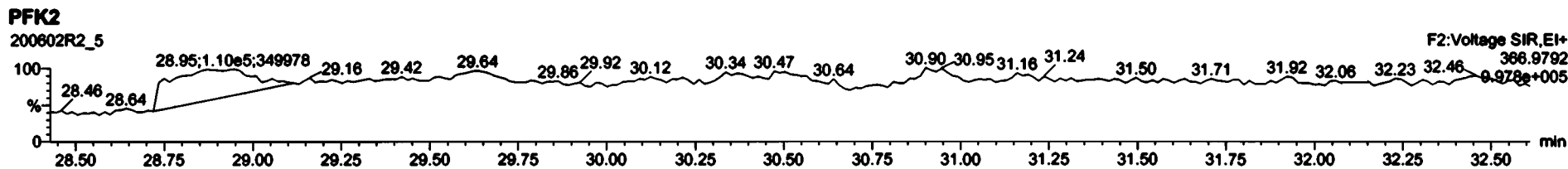
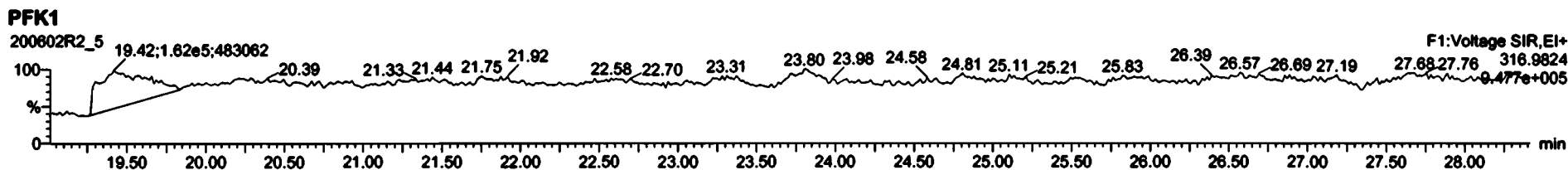
Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014



Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:30:36 AM Pacific Daylight Time
Printed: Wednesday, June 03, 2020 7:30:40 AM Pacific Daylight Time

Name: 200602R2_5, Date: 02-Jun-2020, Time: 18:25:52, ID: 2000856-10 PDI-077SC-A-11-12-191014 12.97, Description: PDI-077SC-A-11-12-191014



CONFIRMATION

Dataset: U:\VG7.PRO\Results\200501D2\200501D2_5.qld

Last Altered: Monday, May 04, 2020 09:49:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:51:10 Pacific Daylight Time

DB 5/4/20 C7 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_5, Date: 02-May-2020, Time: 00:38:57, ID: 2000856-01RE1 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

1	2,3,7,8-TCDF	3.74e4	0.77	NO	0.982	10.025	17.678	17.68	1.000	1.001	70.643	0.692	70.8
2	13C-2,3,7,8-TCDF	1.08e5	0.78	NO	1.08	10.025	17.712	17.66	1.133	1.135	179.26	89.9	1.02
3	13C-1,2,3,4-TCDF	1.11e5	0.80	NO	1.00	10.025	15.660	15.55	1.000	1.000	199.50	100	1.10

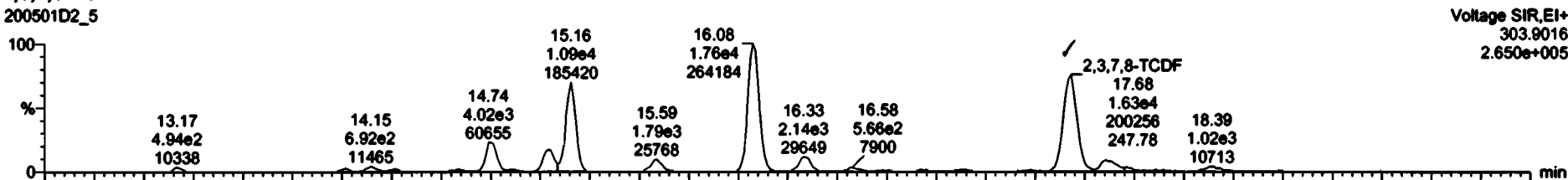
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_5.qld

Last Altered: Monday, May 04, 2020 09:49:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:50:42 Pacific Daylight Time

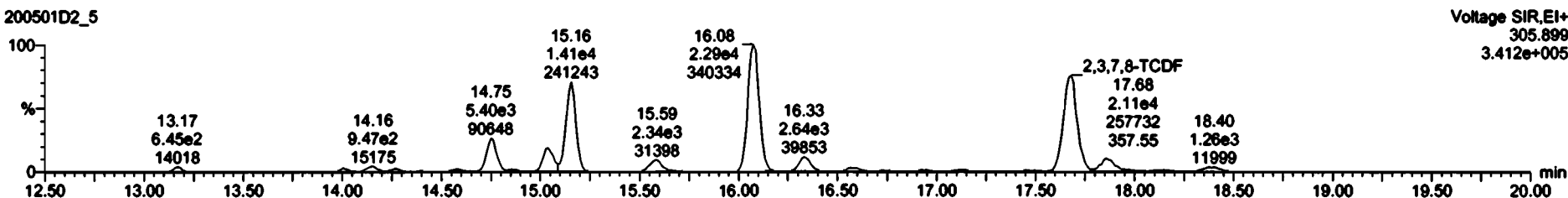
Method: C:\MassLynx\Default.PRO\MethDB\itcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\idb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_5, Date: 02-May-2020, Time: 00:38:57, ID: 2000856-01RE1 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

2,3,7,8-TCDF
200501D2_5



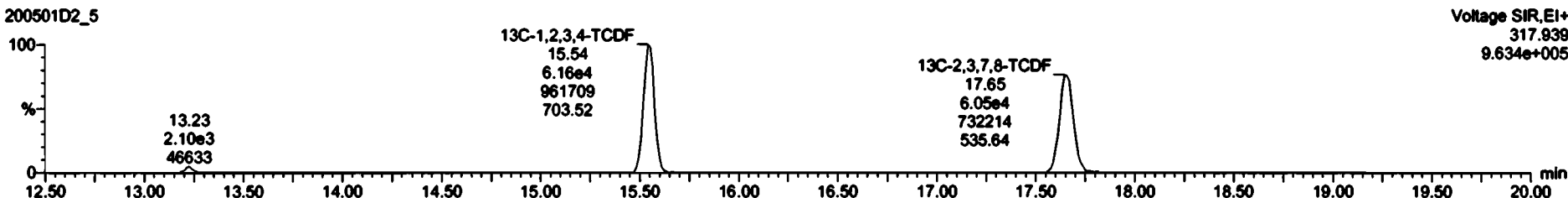
200501D2_5



13C-2,3,7,8-TCDF
200501D2_5



200501D2_5



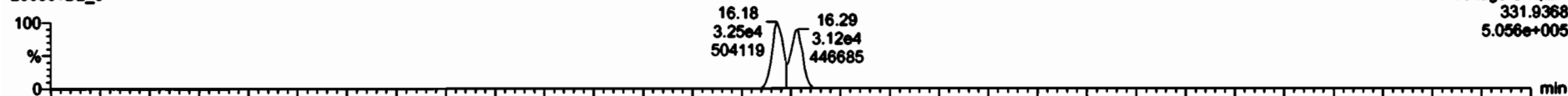
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_5.qld

Last Altered: Monday, May 04, 2020 09:49:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:50:42 Pacific Daylight Time

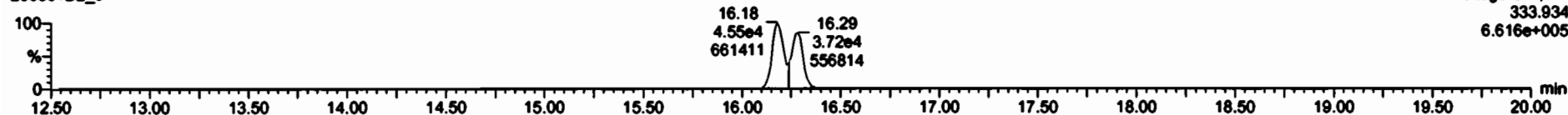
Name: 200501D2_5, Date: 02-May-2020, Time: 00:38:57, ID: 2000856-01RE1 PDI-076SC-A-07-08-191013 17.93, Description: PDI-076SC-A-07-08-191013

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

200501D2_5

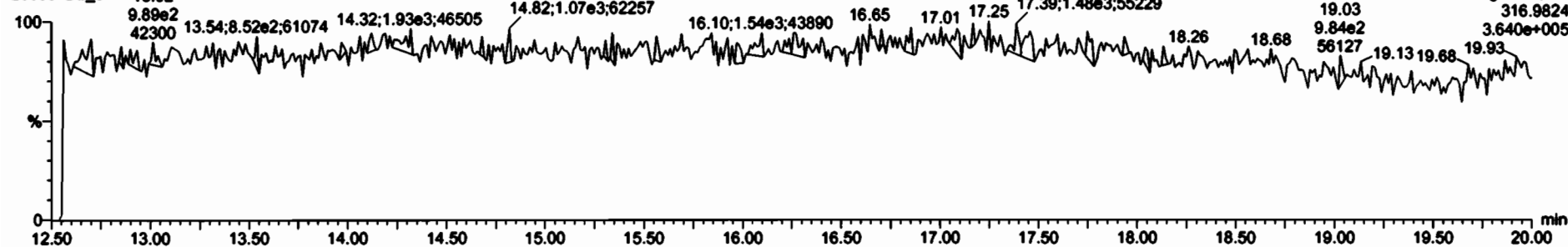


200501D2_5



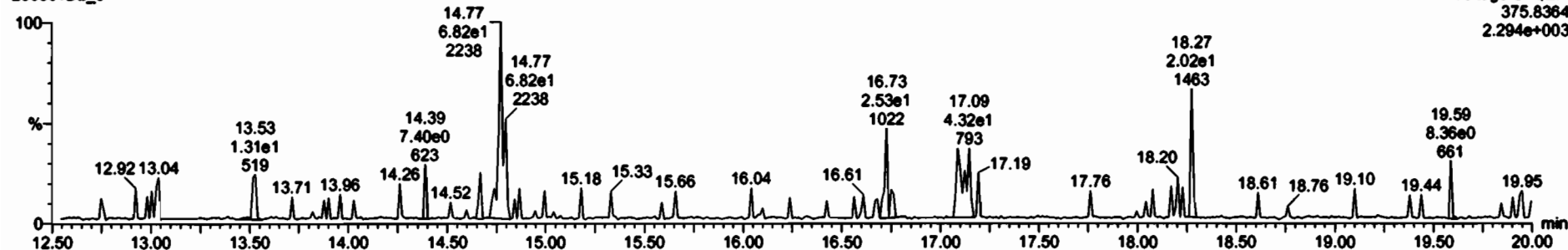
PFK1

200501D2_5



DPE1

200501D2_5



Dataset: U:\VG7.PRO\Results\200501D2\200501D2_6.qld

Last Altered: Monday, May 04, 2020 09:52:09 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:53:11 Pacific Daylight Time

DB 5/4/20 C7 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_6, Date: 02-May-2020, Time: 01:10:39, ID: 2000856-02RE1 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

1	2,3,7,8-TCDF	1.90e4	0.78	NO	0.982	10.018	✓	17.654	17.67	1.000	1.002	49.026	0.862	49.0
2	13C-2,3,7,8-TCDF	7.89e4	0.77	NO	1.08	10.018		17.689	17.63	1.133	1.136	129.16	64.7	1.13
3	13C-1,2,3,4-TCDF	1.13e5	0.76	NO	1.00	10.018		15.660	15.53	1.000	1.000	199.65	100	1.23

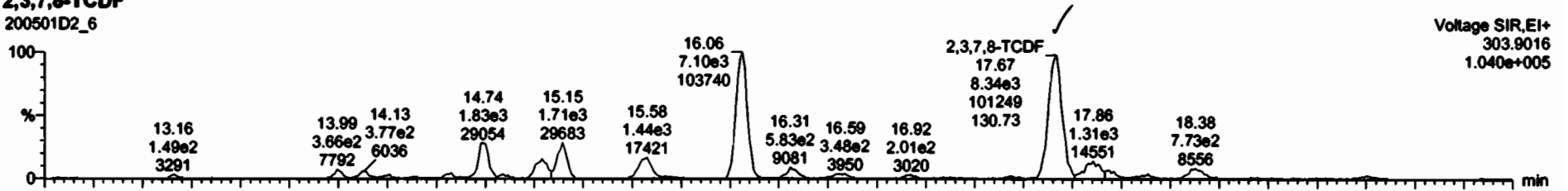
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_6.qld

Last Altered: Monday, May 04, 2020 09:52:09 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:53:30 Pacific Daylight Time

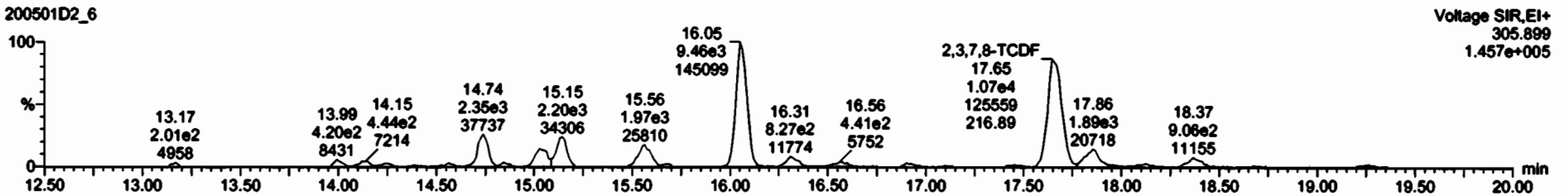
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_6, Date: 02-May-2020, Time: 01:10:39, ID: 2000856-02RE1 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

2,3,7,8-TCDF
200501D2_6



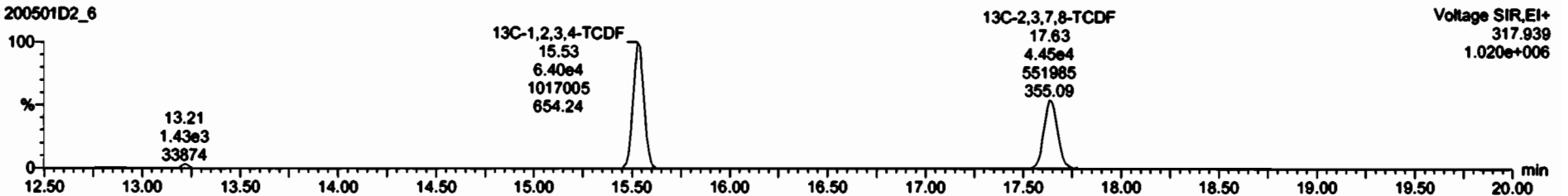
200501D2_6



13C-2,3,7,8-TCDF
200501D2_6



200501D2_6



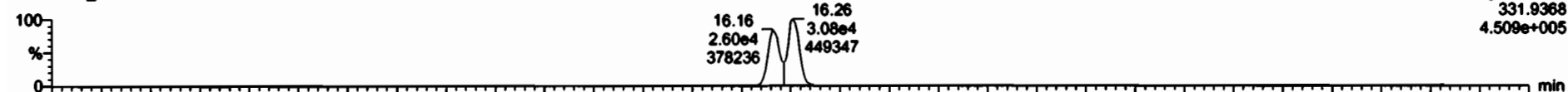
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_6.qld

Last Altered: Monday, May 04, 2020 09:52:09 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:53:30 Pacific Daylight Time

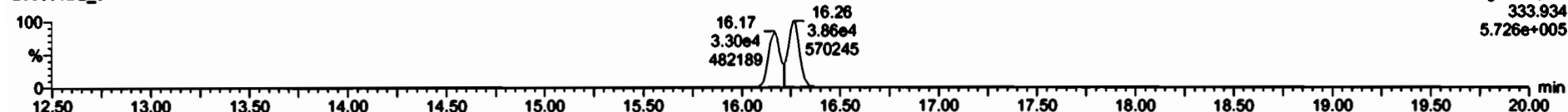
Name: 200501D2_6, Date: 02-May-2020, Time: 01:10:39, ID: 2000856-02RE1 PDI-077SC-A-03-04-191014 17.72, Description: PDI-077SC-A-03-04-191014

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

200501D2_6

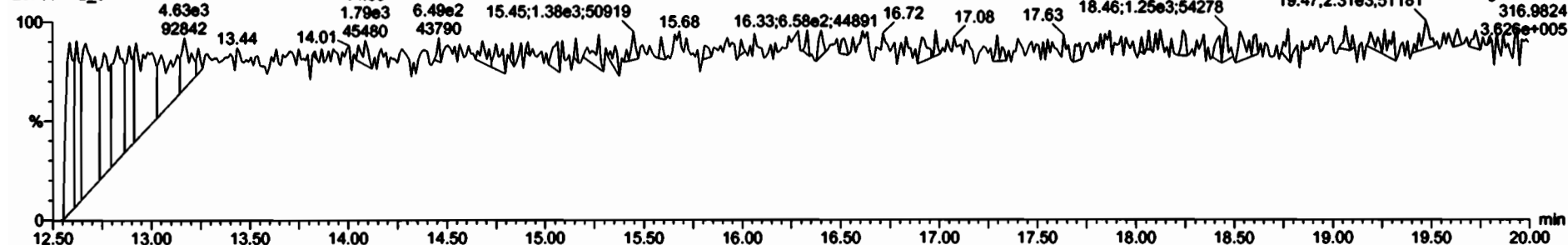


200501D2_6



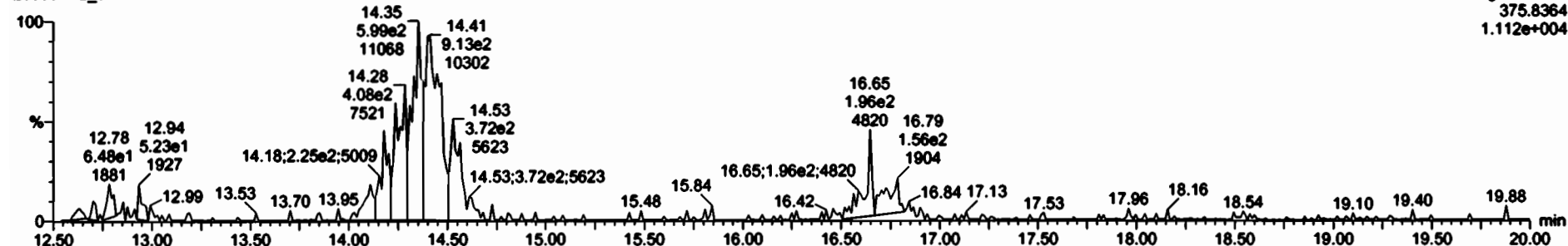
PFK1

200501D2_6



DPE1

200501D2_6



Dataset: U:\VG7.PRO\Results\200501D2\200501D2_7.qld

Last Altered: Monday, May 04, 2020 09:54:22 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:55:46 Pacific Daylight Time

DB 5/4/20 CT 09/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_7, Date: 02-May-2020, Time: 01:42:21, ID: B0D0160-DUP1RE1 DUPLICATE, Description: DUPLICATE

1	2,3,7,8-TCDF	2.15e4	0.76	NO	0.982	10.029	17.666	17.67	1.000	1.001	42.896	0.661	42.9
2	13C-2,3,7,8-TCDF	1.02e5	0.77	NO	1.08	10.029	17.701	17.85	1.133	1.135	180.48	90.5	1.16
3	13C-1,2,3,4-TCDF	1.04e5	0.77	NO	1.00	10.029	15.660	15.54	1.000	1.000	199.42	100	1.28

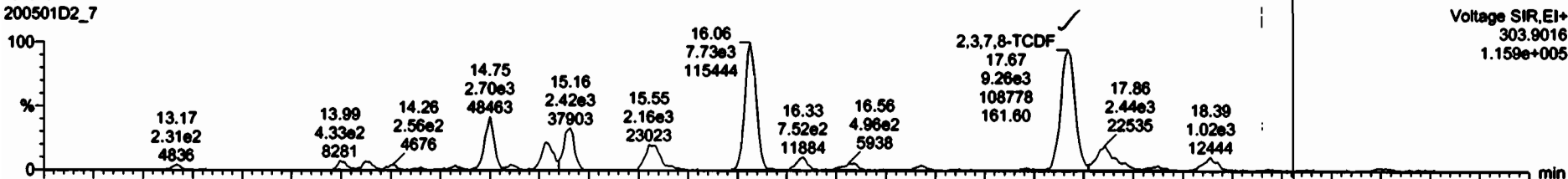
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_7.qld

Last Altered: Monday, May 04, 2020 09:54:22 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:55:19 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

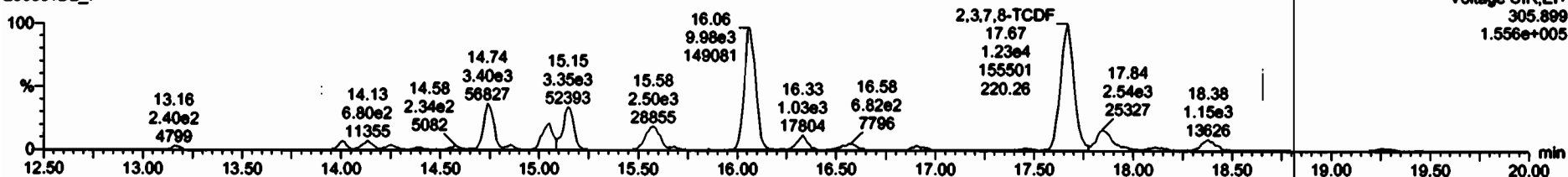
Name: 200501D2_7, Date: 02-May-2020, Time: 01:42:21, ID: B0D0160-DUP1RE1 DUPLICATE, Description: DUPLICATE

2,3,7,8-TCDF
200501D2_7



Voltage SIR, EI+
303.9016
1.159e+005

200501D2_7



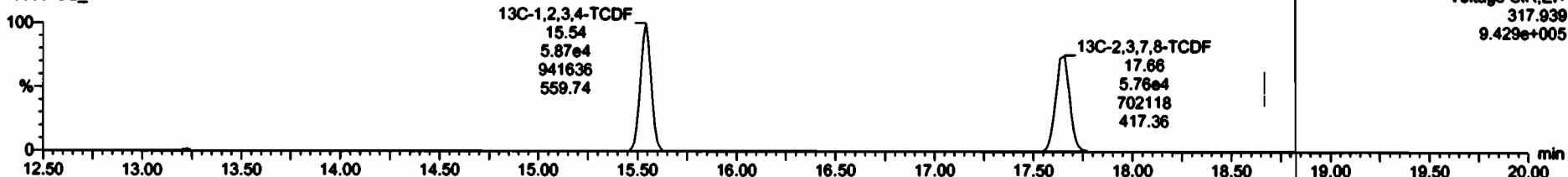
Voltage SIR, EI+
305.899
1.556e+005

13C-2,3,7,8-TCDF
200501D2_7



Voltage SIR, EI+
315.9419
7.456e+005

200501D2_7



Voltage SIR, EI+
317.939
9.429e+005

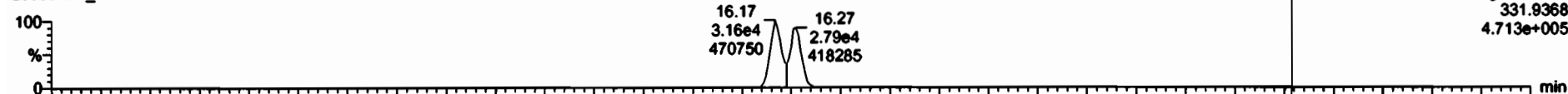
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_7.qld

Last Altered: Monday, May 04, 2020 09:54:22 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:55:19 Pacific Daylight Time

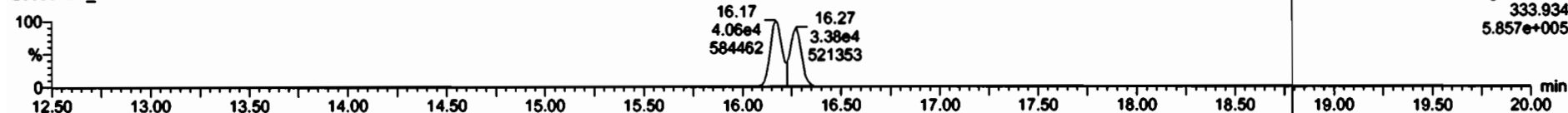
Name: 200501D2_7, Date: 02-May-2020, Time: 01:42:21, ID: B0D0160-DUP1RE1 DUPLICATE, Description: DUPLICATE

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

200501D2_7

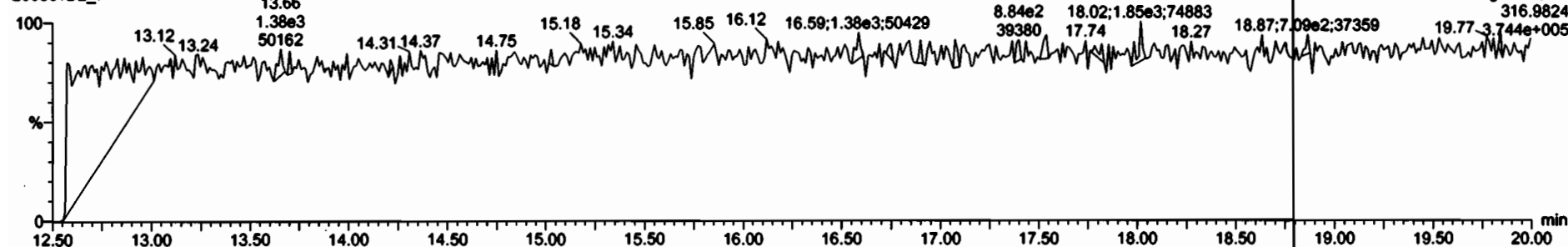


200501D2_7



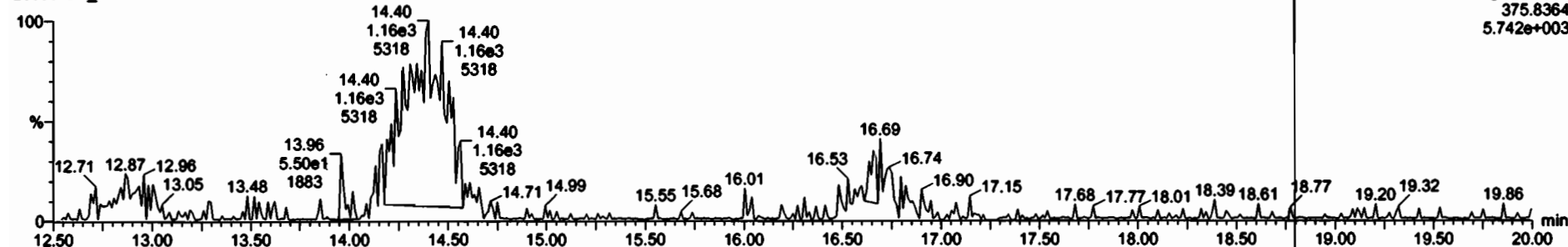
PFK1

200501D2_7



DPE1

200501D2_7



Dataset: U:\VG7.PRO\Results\200501D2\200501D2_8.qld

Last Altered: Monday, May 04, 2020 09:56:52 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:57:52 Pacific Daylight Time

DB 5/4/20 C7 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\cb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_8, Date: 02-May-2020, Time: 02:14:04, ID: 2000856-03RE1 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

1	2,3,7,8-TCDF	3.49e4	0.76	NO	0.982	10.010	17.677	17.68	1.000	1.001	87.327	1.23	87.3
2	13C-2,3,7,8-TCDF	8.12e4	0.78	NO	1.08	10.010	17.712	17.66	1.133	1.135	138.09	69.1	1.53
3	13C-1,2,3,4-TCDF	1.09e5	0.79	NO	1.00	10.010	15.660	15.55	1.000	1.000	199.79	100	1.65

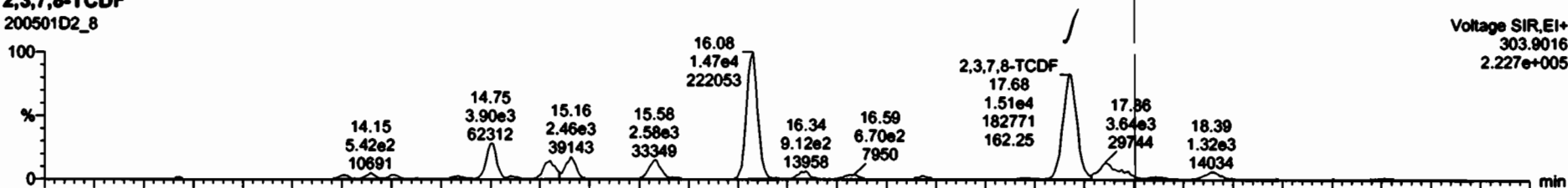
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_8.qld

Last Altered: Monday, May 04, 2020 09:56:52 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:58:17 Pacific Daylight Time

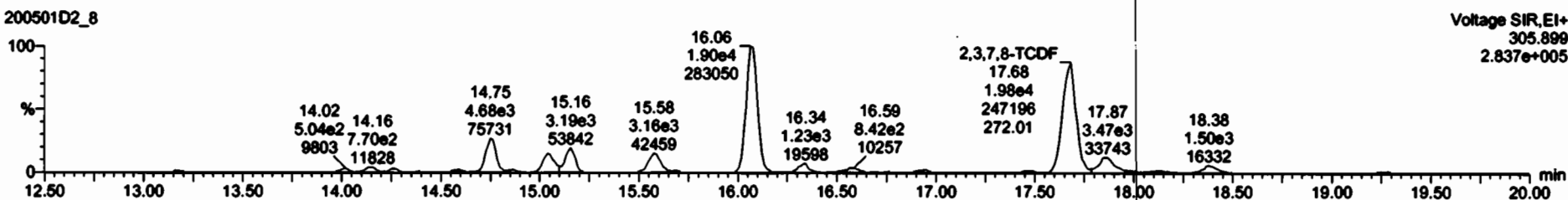
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_8, Date: 02-May-2020, Time: 02:14:04, ID: 2000856-03RE1 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

2,3,7,8-TCDF
200501D2_8



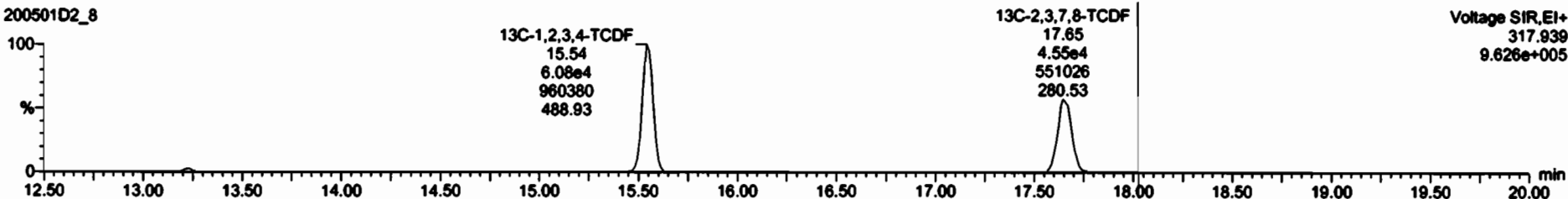
200501D2_8



13C-2,3,7,8-TCDF
200501D2_8



200501D2_8



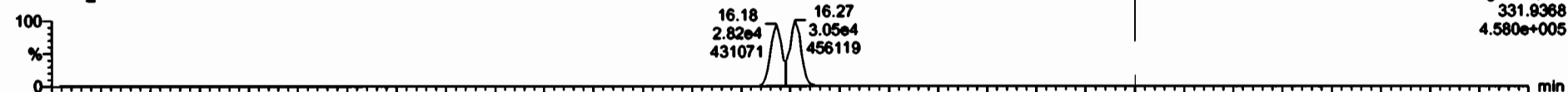
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_8.qld

Last Altered: Monday, May 04, 2020 09:56:52 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:58:17 Pacific Daylight Time

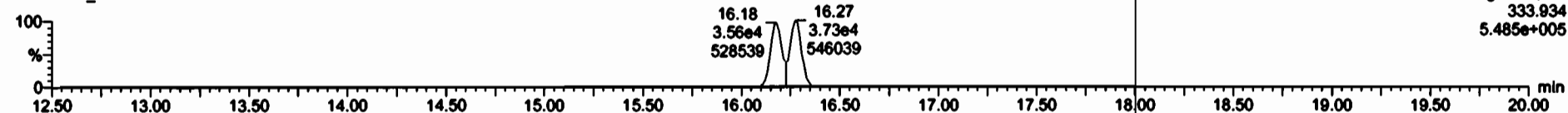
Name: 200501D2_8, Date: 02-May-2020, Time: 02:14:04, ID: 2000856-03RE1 PDI-077SC-A-04-05-191014 19.1, Description: PDI-077SC-A-04-05-191014

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

200501D2_8

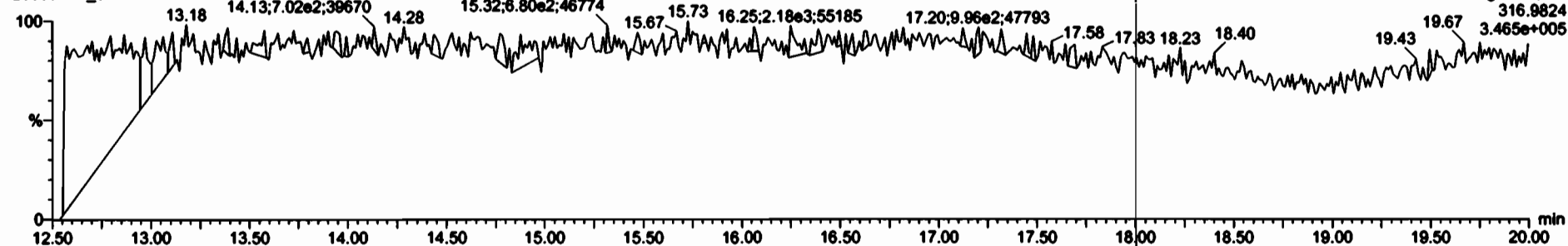


200501D2_8



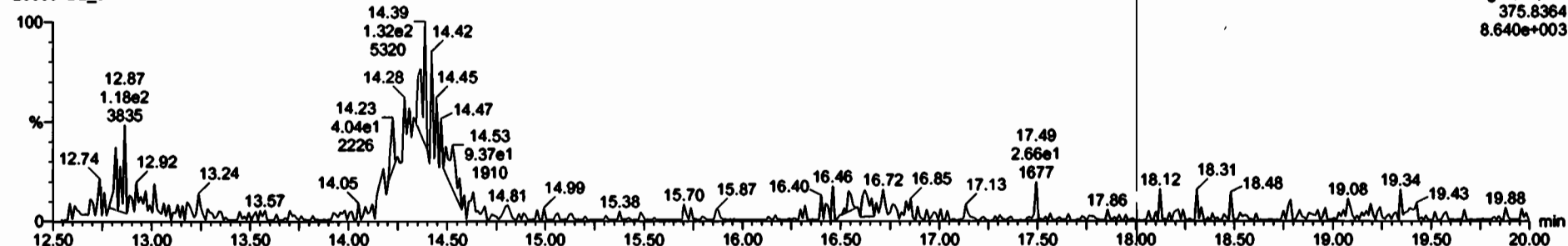
PFK1

200501D2_8



DPE1

200501D2_8



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_4.qld

Last Altered: Monday, May 04, 2020 13:45:23 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:48:13 Pacific Daylight Time

DB 5/4/20 (M 06/04/2020)

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\cb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_4, Date: 04-May-2020, Time: 13:09:10, ID: 2000856-04RE1 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

1	2,3,7,8-TCDF	7.17e3	0.80	NO	0.982	10.063	17.608	17.61	1.000	1.001	17.680	0.514	17.7
2	13C-2,3,7,8-TCDF	8.21e4	0.74	NO	1.08	10.063	17.654	17.59	1.133	1.135	157.74	79.4	1.05
3	13C-1,2,3,4-TCDF	9.56e4	0.75	NO	1.00	10.063	15.660	15.49	1.000	1.000	198.75	100	1.14

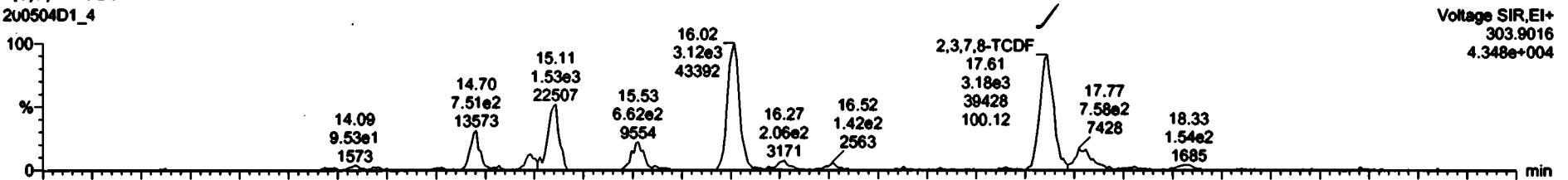
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_4.qld

Last Altered: Monday, May 04, 2020 13:45:23 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:48:34 Pacific Daylight Time

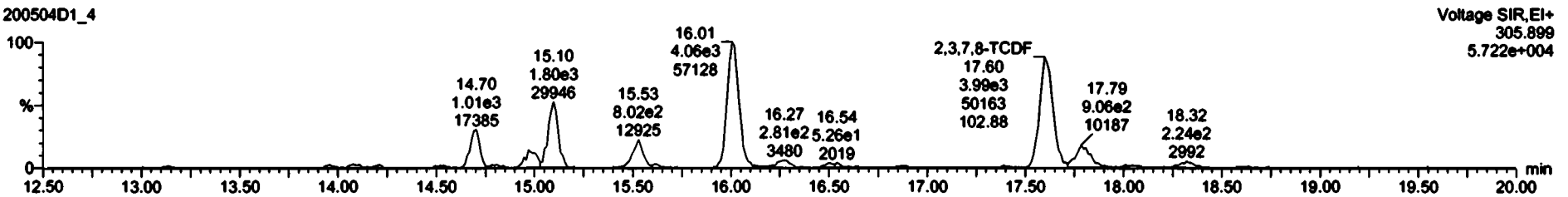
Method: C:\MassLynx\Default.PROMethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\tdb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_4, Date: 04-May-2020, Time: 13:09:10, ID: 2000856-04RE1 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

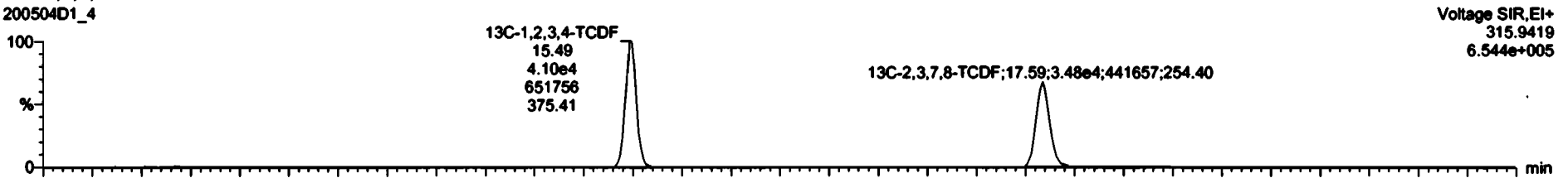
2,3,7,8-TCDF
200504D1_4



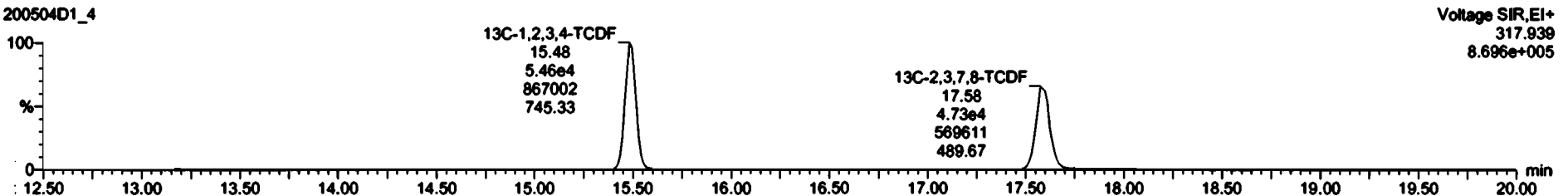
200504D1_4



13C-2,3,7,8-TCDF
200504D1_4



200504D1_4



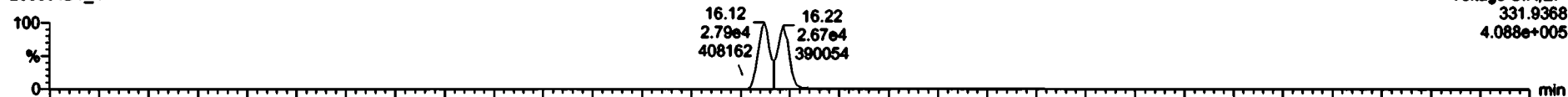
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_4.qld

Last Altered: Monday, May 04, 2020 13:45:23 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:48:34 Pacific Daylight Time

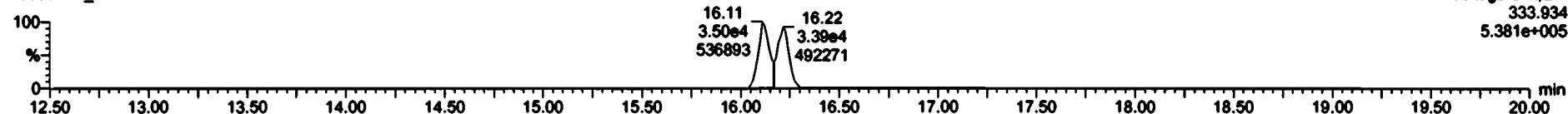
Name: 200504D1_4, Date: 04-May-2020, Time: 13:09:10, ID: 2000856-04RE1 PDI-077SC-A-05-06-191014 17.71, Description: PDI-077SC-A-05-06-191014

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

200504D1_4

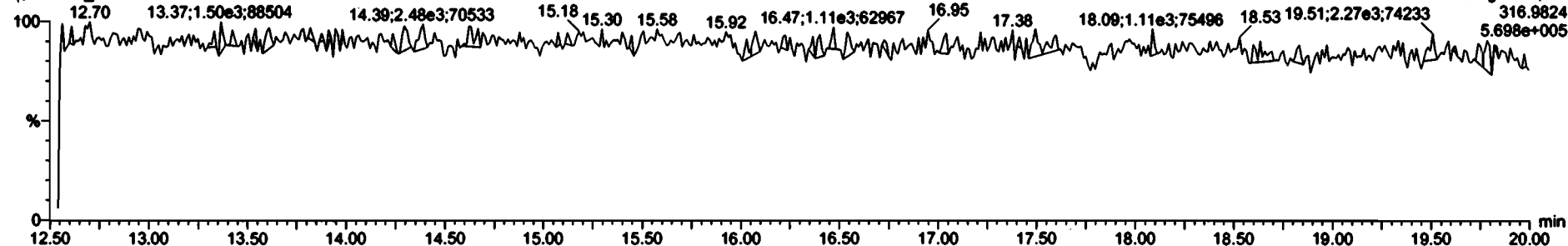


200504D1_4



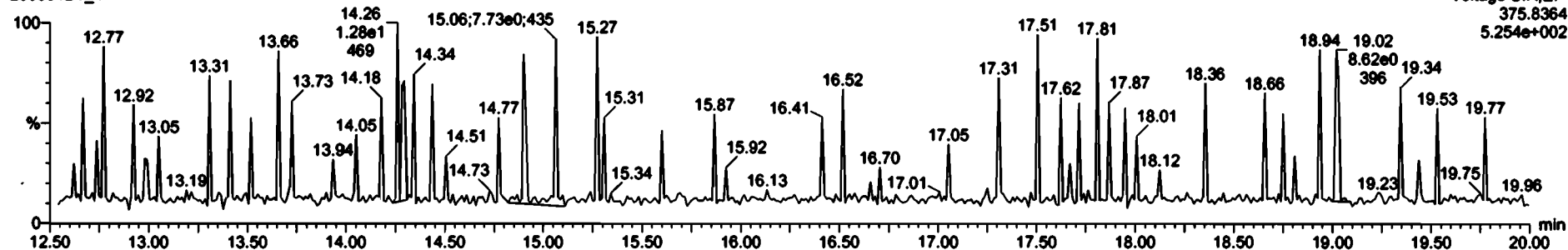
PFK1

200504D1_4



DPE1

200504D1_4



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_5.qld

Last Altered: Monday, May 04, 2020 14:13:59 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:15:04 Pacific Daylight Time

DB 5/4/20 C1 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_5, Date: 04-May-2020, Time: 13:40:50, ID: 2000856-05RE1 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

1	2,3,7,8-TCDF	4.37e4	0.77	NO	0.982	10.043	17.808	17.61	1.000	1.001	94.638	0.727	94.6
2	13C-2,3,7,8-TCDF	9.37e4	0.75	NO	1.08	10.043	17.654	17.59	1.133	1.135	170.43	85.6	1.19
3	13C-1,2,3,4-TCDF	1.01e5	0.76	NO	1.00	10.043	15.660	15.49	1.000	1.000	199.14	100	1.29

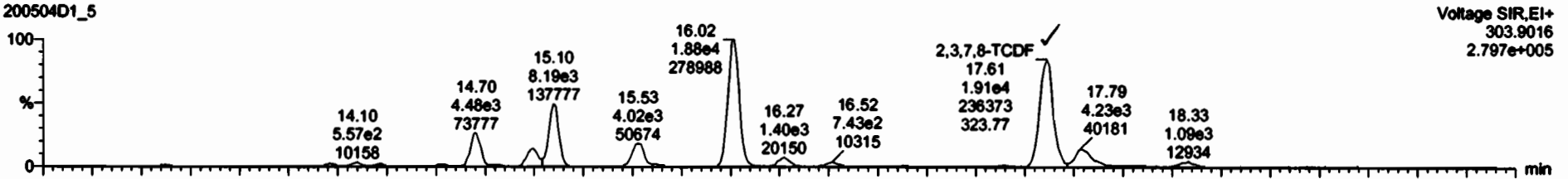
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_5.qld

Last Altered: Monday, May 04, 2020 14:13:59 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:15:22 Pacific Daylight Time

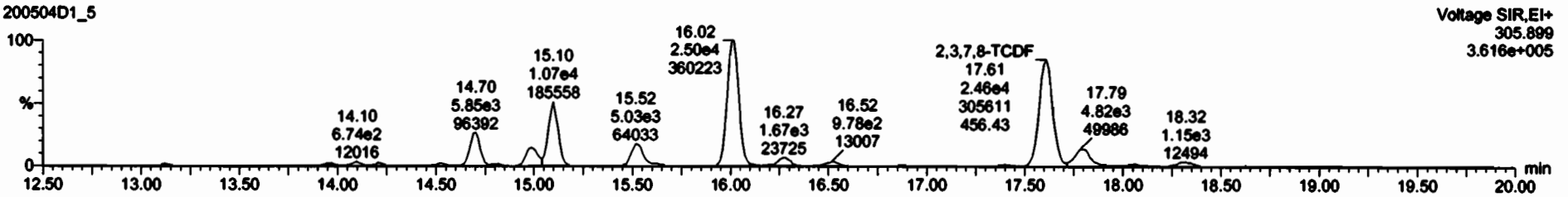
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\vb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_5, Date: 04-May-2020, Time: 13:40:50, ID: 2000856-05RE1 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

2,3,7,8-TCDF
200504D1_5



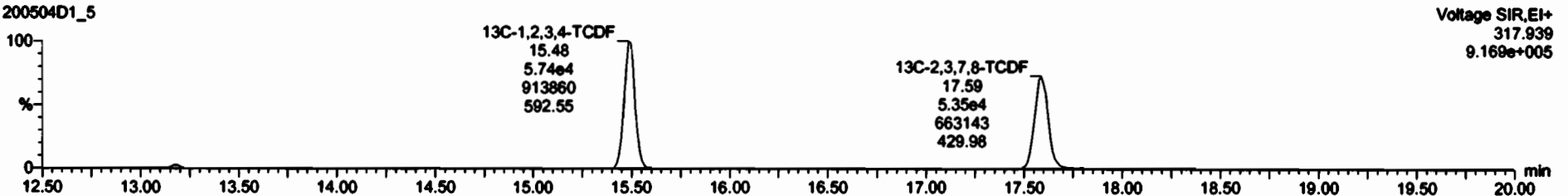
200504D1_5



13C-2,3,7,8-TCDF
200504D1_5



200504D1_5



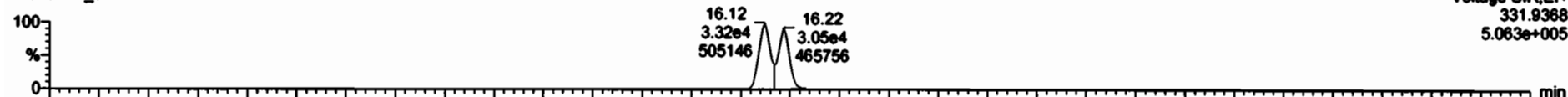
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_5.qld

Last Altered: Monday, May 04, 2020 14:13:59 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:15:22 Pacific Daylight Time

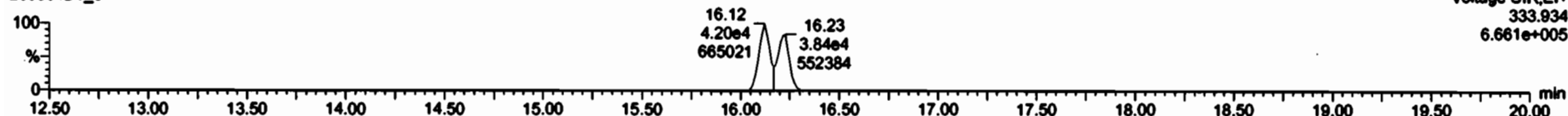
Name: 200504D1_5, Date: 04-May-2020, Time: 13:40:50, ID: 2000856-05RE1 PDI-077SC-A-06-07-191014 16.23, Description: PDI-077SC-A-06-07-191014

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

200504D1_5

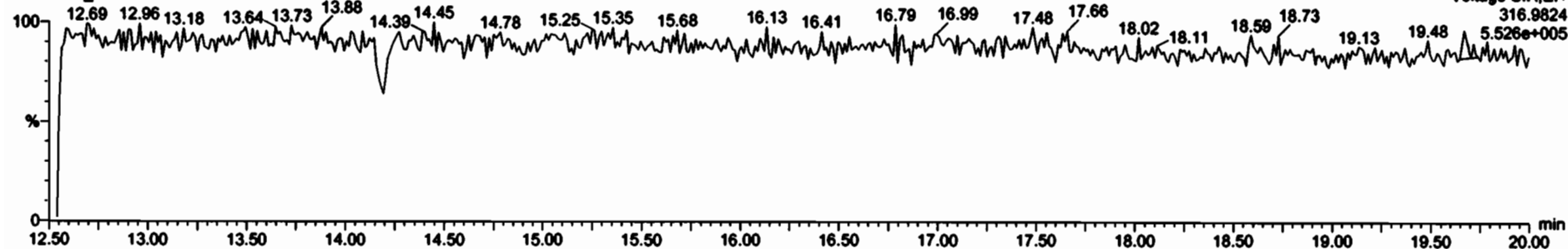


200504D1_5



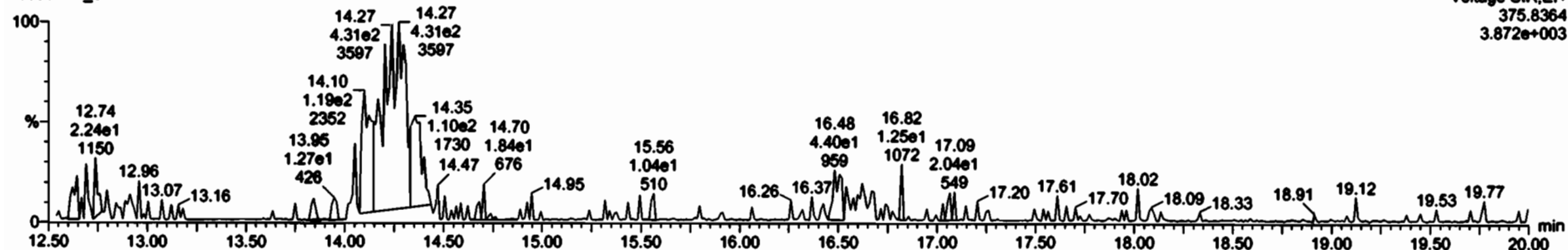
PFK1

200504D1_5



DPE1

200504D1_5



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_6.qld

Last Altered: Monday, May 04, 2020 14:50:13 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:51:21 Pacific Daylight Time

DB 5/4/20 C7 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_6, Date: 04-May-2020, Time: 14:12:33, ID: 2000856-06RE1 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

1	2,3,7,8-TCDF	1.42e5	0.77	NO	0.982	10.042	17.631	17.62	1.000	1.001	353.48	1.21	353
2	13C-2,3,7,8-TCDF	8.16e4	0.74	NO	1.08	10.042	17.666	17.61	1.133	1.136	146.08	73.3	1.41
3	13C-1,2,3,4-TCDF	1.03e5	0.74	NO	1.00	10.042	15.660	15.51	1.000	1.000	199.16	100	1.52

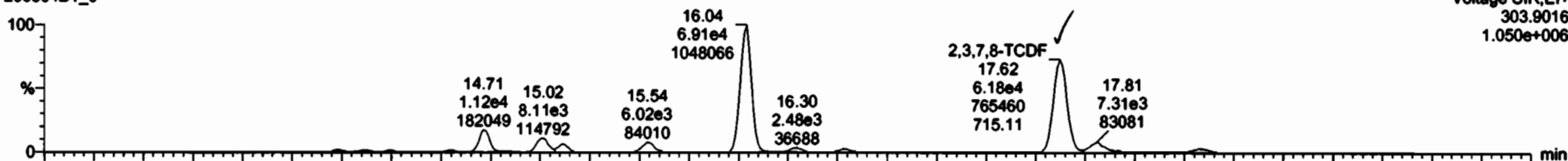
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_6.qld

Last Altered: Monday, May 04, 2020 14:50:13 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:51:39 Pacific Daylight Time

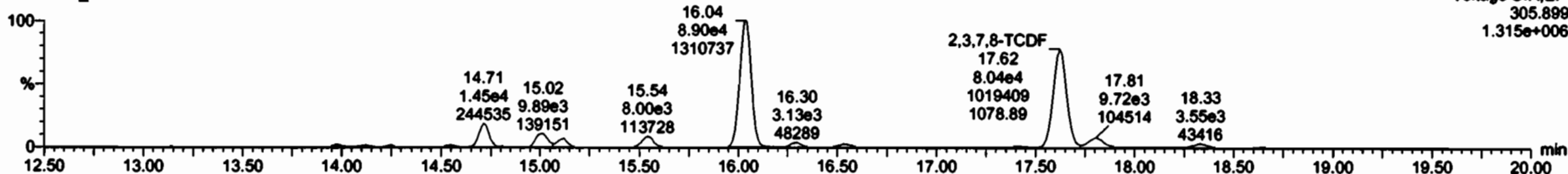
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_6, Date: 04-May-2020, Time: 14:12:33, ID: 2000856-06RE1 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

2,3,7,8-TCDF
200504D1_6



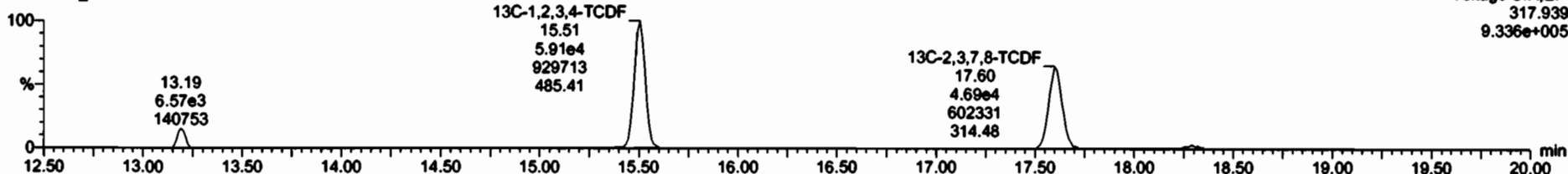
200504D1_6



13C-2,3,7,8-TCDF
200504D1_6



200504D1_6



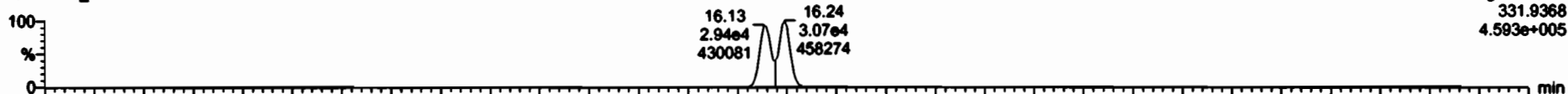
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_6.qld

Last Altered: Monday, May 04, 2020 14:50:13 Pacific Daylight Time
Printed: Monday, May 04, 2020 14:51:39 Pacific Daylight Time

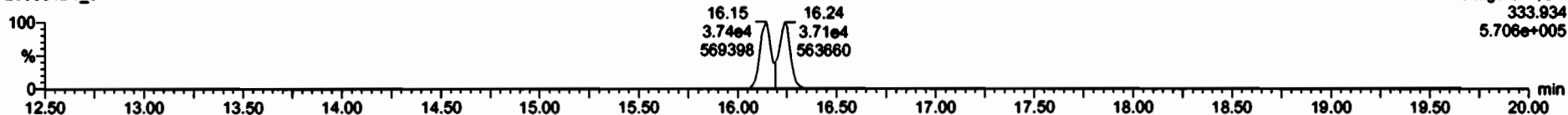
Name: 200504D1_6, Date: 04-May-2020, Time: 14:12:33, ID: 2000856-06RE1 PDI-077SC-A-07-08-191014 18, Description: PDI-077SC-A-07-08-191014

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

200504D1_6

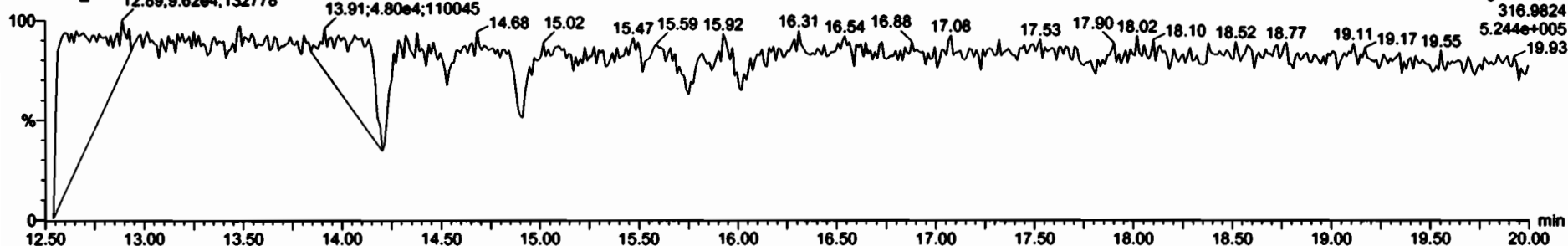


200504D1_6



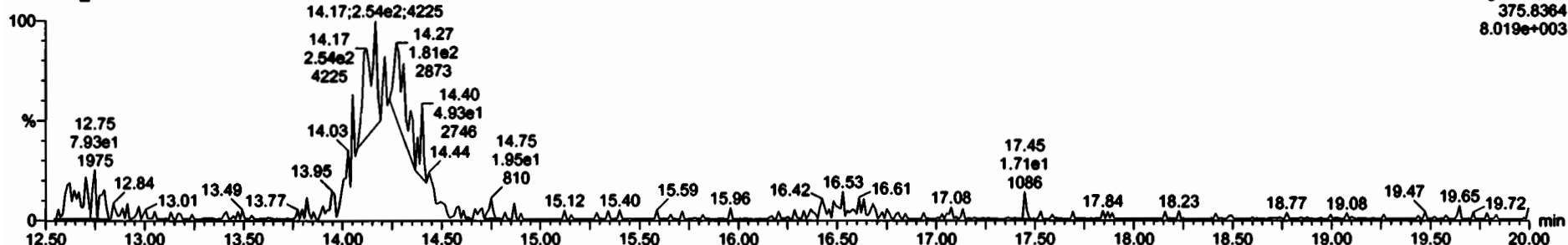
PFK1

200504D1_6



DPE1

200504D1_6



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_7.qld

Last Altered: Monday, May 04, 2020 15:16:24 Pacific Daylight Time

Printed: Monday, May 04, 2020 15:17:19 Pacific Daylight Time

DB 5/4/20 C7 156/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_7, Date: 04-May-2020, Time: 14:44:15, ID: 2000856-07RE1 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

1	2,3,7,8-TCDF	6.05e3	0.76	NO	0.982	10.029	17.596	17.61	1.000	1.002	12.280	0.622	12.3
2	13C-2,3,7,8-TCDF	1.00e5	0.74	NO	1.08	10.029	17.642	17.58	1.133	1.135	188.37	94.5	1.28
3	13C-1,2,3,4-TCDF	9.78e4	0.81	NO	1.00	10.029	15.660	15.48	1.000	1.000	199.43	100	1.39

Dataset: U:\VG7.PRO\Results\200504D1\200504D1_7.qld

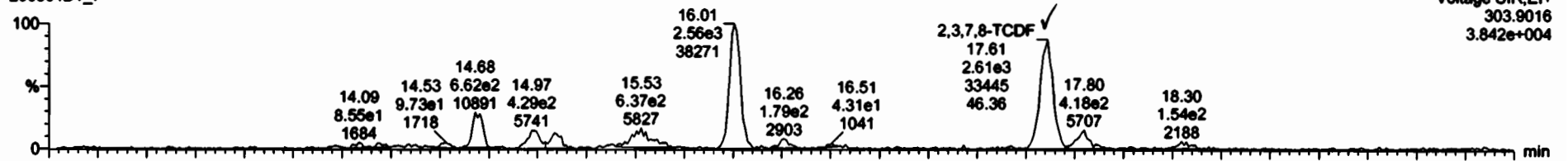
Last Altered: Monday, May 04, 2020 15:16:24 Pacific Daylight Time
Printed: Monday, May 04, 2020 15:17:37 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\tdb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

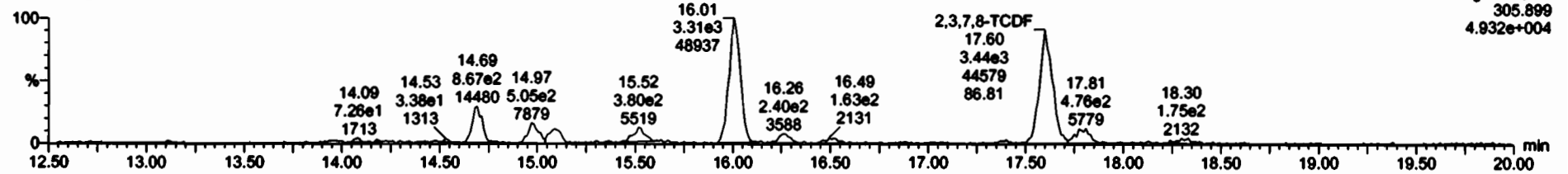
Name: 200504D1_7, Date: 04-May-2020, Time: 14:44:15, ID: 2000856-07RE1 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

2,3,7,8-TCDF

200504D1_7

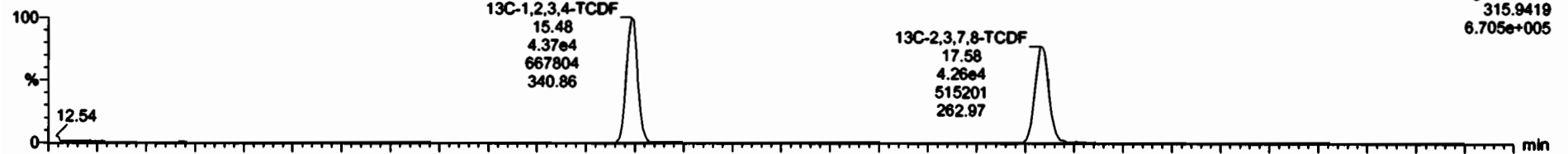


200504D1_7

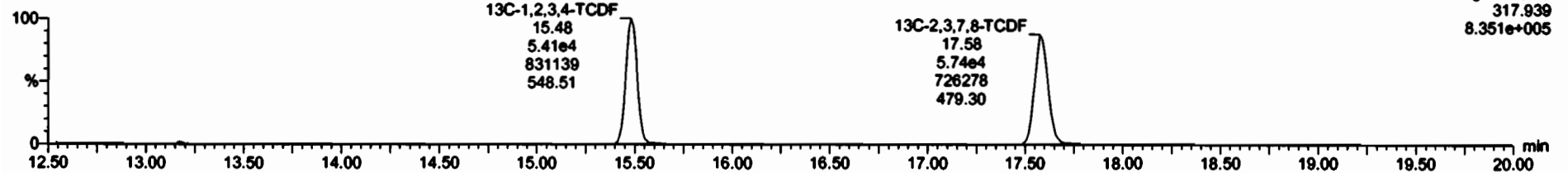


13C-2,3,7,8-TCDF

200504D1_7



200504D1_7



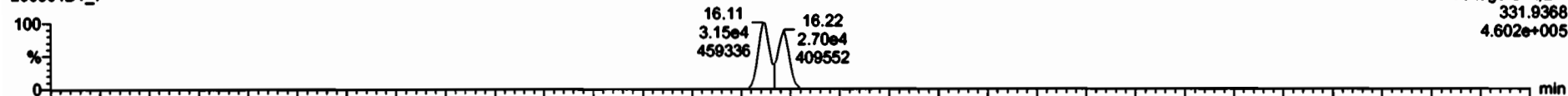
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_7.qld

Last Altered: Monday, May 04, 2020 15:16:24 Pacific Daylight Time
Printed: Monday, May 04, 2020 15:17:37 Pacific Daylight Time

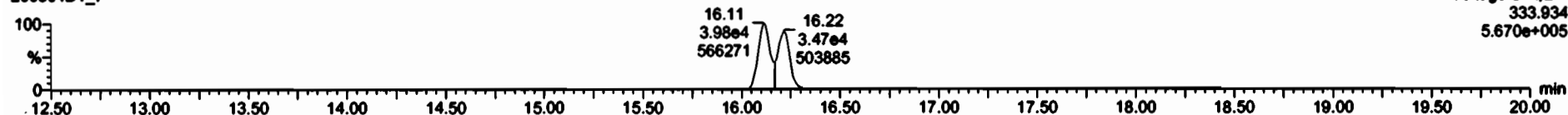
Name: 200504D1_7, Date: 04-May-2020, Time: 14:44:15, ID: 2000856-07RE1 PDI-077SC-A-08-09-191014 16.44, Description: PDI-077SC-A-08-09-191014

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

200504D1_7

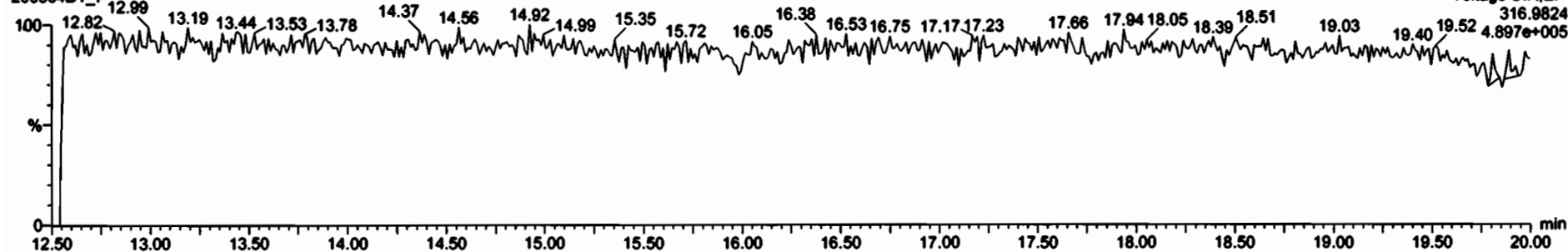


200504D1_7



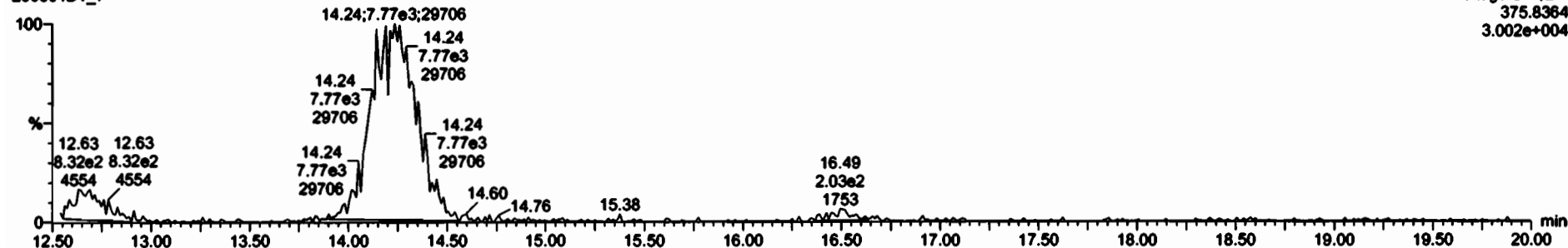
PFK1

200504D1_7



DPE1

200504D1_7



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_8.qld

Last Altered: Monday, May 04, 2020 16:22:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 16:23:38 Pacific Daylight Time

DB 5/4/20 CT 06/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_8, Date: 04-May-2020, Time: 15:15:58, ID: 2000856-08RE1 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

1	2,3,7,8-TCDF	7.70e3	0.81	NO	0.982	10.016	17.585	17.58	1.000	1.001	15.923	0.528	15.9
2	13C-2,3,7,8-TCDF	9.83e4	0.74	NO	1.08	10.016	17.831	17.56	1.133	1.135	184.44	92.4	1.16
3	13C-1,2,3,4-TCDF	9.83e4	0.76	NO	1.00	10.016	15.660	15.47	1.000	1.000	199.69	100	1.28

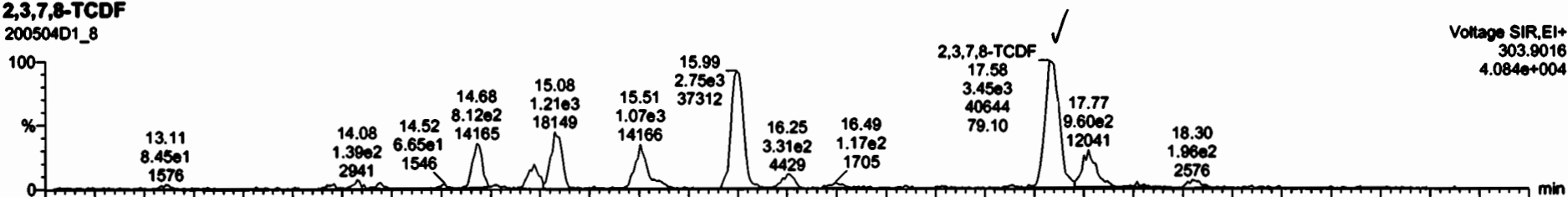
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_8.qld

Last Altered: Monday, May 04, 2020 16:22:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 16:23:56 Pacific Daylight Time

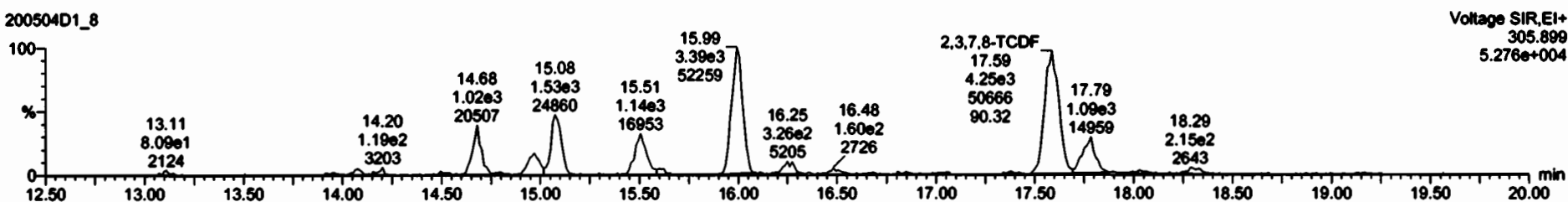
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_8, Date: 04-May-2020, Time: 15:15:58, ID: 2000856-08RE1 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

2,3,7,8-TCDF
200504D1_8



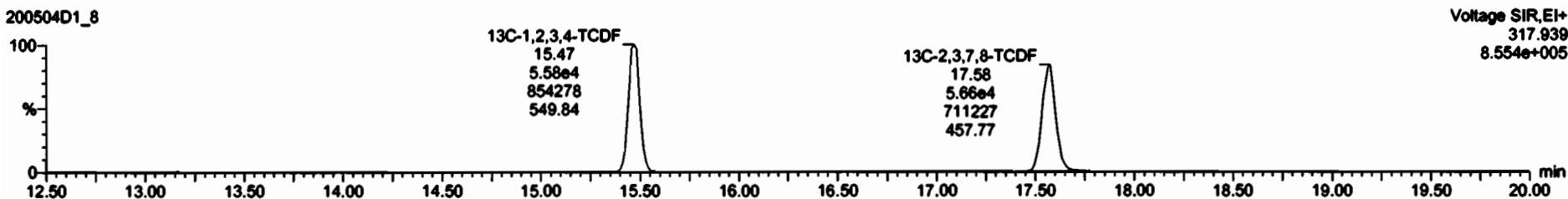
200504D1_8



13C-2,3,7,8-TCDF
200504D1_8



200504D1_8



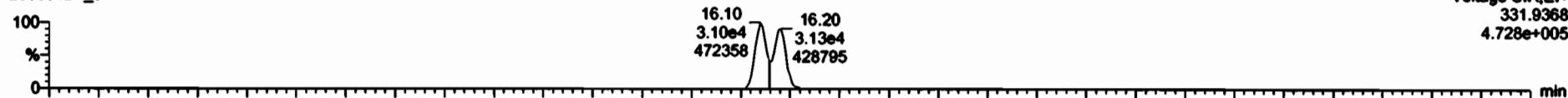
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_8.qld

Last Altered: Monday, May 04, 2020 16:22:40 Pacific Daylight Time
Printed: Monday, May 04, 2020 16:23:56 Pacific Daylight Time

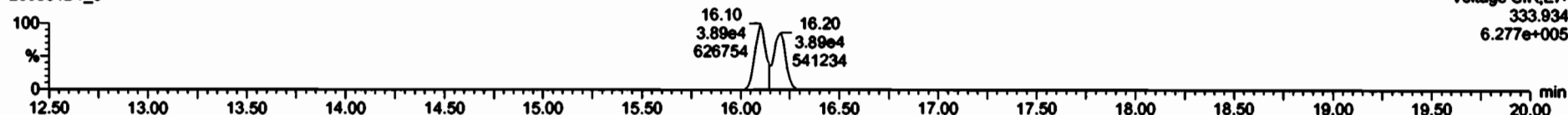
Name: 200504D1_8, Date: 04-May-2020, Time: 15:15:58, ID: 2000856-08RE1 PDI-077SC-A-09-10-191014 12.66, Description: PDI-077SC-A-09-10-191014

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

200504D1_8

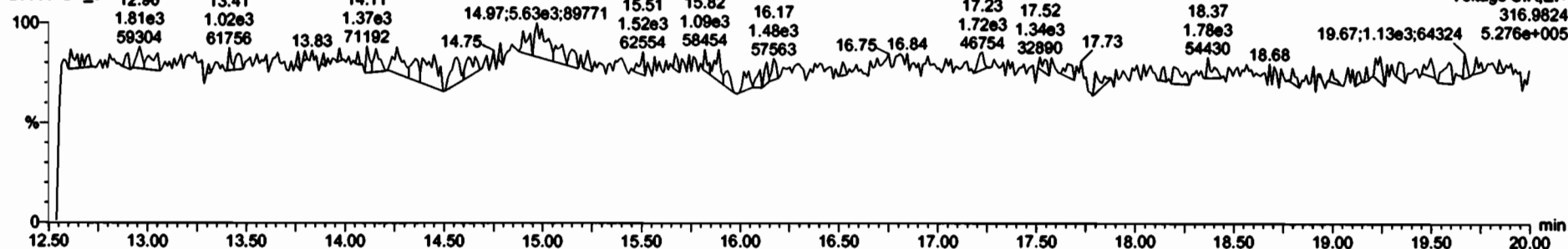


200504D1_8



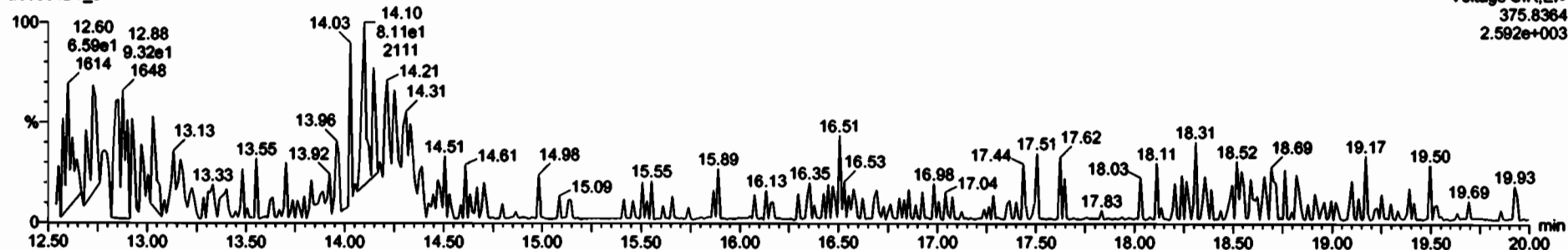
PFK1

200504D1_8



DPE1

200504D1_8



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200602R2-1

Reviewed By: CT 06/23/2020
Initials & Date

End Calibration ID: NA

	<u>Beg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>NA</u>
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<u>GRB</u>	<input type="checkbox"/>
<u>Run Log:</u>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/> <u>↓</u>
- Samples within 12 hour clock?	<u>(Y)</u>	N
- Bottle position verified?		<u>GRB</u>

Mass resolution ≥

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\200602R2\200602R2-1.qld

Last Altered: Tuesday, June 02, 2020 4:08:03 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:09:20 PM Pacific Daylight Time

GRB 06/02/2020

C 06/03/2020

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

#	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	5.23e4	6.64e5	0.74	NO	0.888	26.53	26.51	NO	1.001	1.001	8.8709	88.7	NO
2	2 1,2,3,7,8-PeCDD	2.07e5	4.99e5	0.60	NO	0.908	31.47	31.47	NO	1.001	1.000	45.639	91.3	NO
3	3 1,2,3,4,7,8-HxCDD	1.81e5	3.75e5	1.24	NO	1.03	34.84	34.84	NO	1.000	1.000	46.677	93.4	NO
4	4 1,2,3,6,7,8-HxCDD	1.95e5	4.61e5	1.23	NO	0.892	34.93	34.94	NO	1.000	1.000	47.263	94.5	NO
5	5 1,2,3,7,8,9-HxCDD	1.69e5	4.05e5	1.21	NO	0.887	35.22	35.22	NO	1.000	1.000	46.935	93.9	NO
6	6 1,2,3,4,6,7,8-HpCDD	1.31e5	3.07e5	0.99	NO	0.864	38.76	38.77	NO	1.000	1.001	49.287	98.6	NO
7	7 OCDD	2.61e5	6.03e5	0.87	NO	0.914	41.73	41.74	NO	1.000	1.000	94.860	94.9	NO
8	8 2,3,7,8-TCDF	5.52e4	8.04e5	0.73	NO	0.751	25.63	25.63	NO	1.001	1.001	9.1369	91.4	NO
9	9 1,2,3,7,8-PeCDF	2.92e5	6.88e5	1.54	NO	0.893	30.19	30.18	NO	1.001	1.001	47.523	95.0	NO
10	10 2,3,4,7,8-PeCDF	2.92e5	6.72e5	1.50	NO	0.935	31.18	31.16	NO	1.001	1.000	46.496	93.0	NO
11	11 1,2,3,4,7,8-HxCDF	1.90e5	4.28e5	1.21	NO	0.884	33.95	33.96	NO	1.000	1.000	50.281	101	NO
12	12 1,2,3,6,7,8-HxCDF	2.07e5	4.80e5	1.20	NO	0.889	34.08	34.08	NO	1.000	1.000	48.581	97.2	NO
13	13 2,3,4,6,7,8-HxCDF	2.01e5	4.36e5	1.21	NO	0.934	34.69	34.68	NO	1.001	1.001	49.405	98.8	NO
14	14 1,2,3,7,8,9-HxCDF	1.56e5	3.80e5	1.20	NO	0.871	35.57	35.58	NO	1.000	1.000	46.994	94.0	NO
15	15 1,2,3,4,6,7,8-HpCDF	1.44e5	3.36e5	1.00	NO	0.873	37.38	37.36	NO	1.001	1.001	49.152	98.3	NO
16	16 1,2,3,4,7,8,9-HpCDF	1.14e5	2.29e5	1.01	NO	1.01	39.30	39.31	NO	1.000	1.000	49.142	98.3	NO
17	17 OCDF	2.64e5	6.65e5	0.88	NO	0.806	41.92	41.93	NO	1.000	1.000	98.462	98.5	NO
18	18 13C-2,3,7,8-TCDD	6.64e5	5.57e5	0.76	NO	1.16	26.52	26.50	NO	1.026	1.025	103.10	103	NO
19	19 13C-1,2,3,7,8-PeCDD	4.99e5	5.57e5	0.62	NO	0.849	31.71	31.45	NO	1.227	1.217	105.56	106	NO
20	20 13C-1,2,3,4,7,8-HxCDD	3.75e5	4.30e5	1.27	NO	0.779	34.83	34.83	NO	1.014	1.014	112.08	112	NO
21	21 13C-1,2,3,6,7,8-HxCDD	4.61e5	4.30e5	1.27	NO	1.02	34.94	34.93	NO	1.017	1.017	105.65	106	NO
22	22 13C-1,2,3,7,8,9-HxCDD	4.05e5	4.30e5	1.26	NO	0.903	35.22	35.21	NO	1.025	1.025	104.43	104	NO
23	23 13C-1,2,3,4,6,7,8-HpCDD	3.07e5	4.30e5	1.04	NO	0.689	38.74	38.74	NO	1.128	1.128	103.73	104	NO
24	24 13C-OCDD	6.03e5	4.30e5	0.91	NO	0.652	41.76	41.73	NO	1.216	1.215	215.17	108	NO
25	25 13C-2,3,7,8-TCDF	8.04e5	7.43e5	0.75	NO	1.06	25.56	25.60	NO	0.989	0.991	102.16	102	NO
26	26 13C-1,2,3,7,8-PeCDF	6.88e5	7.43e5	1.56	NO	0.838	30.09	30.17	NO	1.165	1.168	110.40	110	NO
27	27 13C-2,3,4,7,8-PeCDF	6.72e5	7.43e5	1.60	NO	0.817	31.05	31.15	NO	1.202	1.205	110.73	111	NO
28	28 13C-1,2,3,4,7,8-HxCDF	4.28e5	4.30e5	0.51	NO	1.01	33.96	33.95	NO	0.989	0.989	98.865	98.9	NO
29	29 13C-1,2,3,6,7,8-HxCDF	4.80e5	4.30e5	0.51	NO	1.17	34.09	34.07	NO	0.992	0.992	95.718	95.7	NO
30	30 13C-2,3,4,6,7,8-HxCDF	4.36e5	4.30e5	0.50	NO	1.02	34.66	34.65	NO	1.009	1.009	99.405	99.4	NO
31	31 13C-1,2,3,7,8,9-HxCDF	3.80e5	4.30e5	0.49	NO	0.860	35.56	35.57	NO	1.035	1.036	102.98	103	NO

Dataset: U:\VG12.PRO\Results\200602R2\200602R2-1.qld

Last Altered: Tuesday, June 02, 2020 4:08:03 PM Pacific Daylight Time

Printed: Tuesday, June 02, 2020 4:09:20 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

	# 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	3.36e5	4.30e5	0.43	NO	0.774	37.31	37.34	NO	1.086	1.087	101.04	101	NO
33	33 13C-1,2,3,4,7,8,9-HpCDF	2.29e5	4.30e5	0.41	NO	0.521	39.34	39.30	NO	1.145	1.144	102.22	102	NO
34	34 13C-OCDF	6.65e5	4.30e5	0.82	NO	0.746	41.93	41.92	NO	1.221	1.220	207.53	104	NO
35	35 37Cl-2,3,7,8-TCDD	5.99e4	5.57e5			1.04	26.55	26.51	NO	1.028	1.026	10.367	104	NO
36	36 13C-1,2,3,4-TCDD	5.57e5	5.57e5	0.77	NO	1.00	25.89	25.84	NO	1.000	1.000	100.00	100	NO
37	37 13C-1,2,3,4-TCDF	7.43e5	7.43e5	0.76	NO	1.00	24.36	24.16	NO	1.000	1.000	100.00	100	NO
38	38 13C-1,2,3,4,6,9-HxCDF	4.30e5	4.30e5	0.51	NO	1.00	34.42	34.35	NO	1.000	1.000	100.00	100	YES <i>OK</i>

}

Vista Analytical Laboratory VG-11

Dataset: Untitled

Last Altered: Wednesday, June 03, 2020 7:25:06 AM Pacific Daylight Time

Printed: Wednesday, June 03, 2020 7:30:14 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

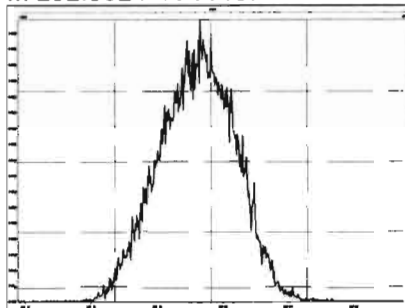
Compound name: OCDD

	Name	ID	Acq.Date	Acq.Time
1	200602R2_1	ST200602R2_1 1613 CS3 19L2305	02-Jun-20	15:17:57
2	200602R2_2	B0D0160-BS1 OPR 10	02-Jun-20	16:06:24
3	200602R2_3	SOLVENT BLANK	02-Jun-20	16:53:28
4	200602R2_4	B0D0160-BLK1 Method Blank 10	02-Jun-20	17:39:40
5	200602R2_5	2000856-10 PDI-077SC-A-11-12-191014 12.97	02-Jun-20	18:25:52
6	200602R2_6	2000856-09 PDI-077SC-A-10-11-191014 12.78	02-Jun-20	19:12:04
7	200602R2_7	2000856-08 PDI-077SC-A-09-10-191014 12.66	02-Jun-20	19:58:16
8	200602R2_8	2000856-07 PDI-077SC-A-08-09-191014 16.44	02-Jun-20	20:44:28
9	200602R2_9	2000856-06 PDI-077SC-A-07-08-191014 18	02-Jun-20	21:30:40
10	200602R2_10	2000856-05 PDI-077SC-A-06-07-191014 16.23	02-Jun-20	22:16:51
11	200602R2_11	2000856-04 PDI-077SC-A-05-06-191014 17.71	02-Jun-20	23:03:03
12	200602R2_12	2000856-03 PDI-077SC-A-04-05-191014 19.1	02-Jun-20	23:49:14
13	200602R2_13	2000856-02 PDI-077SC-A-03-04-191014 17.72	03-Jun-20	00:35:27
14	200602R2_14	B0D0160-DUP1 Duplicate 17.74	03-Jun-20	01:21:38
15	200602R2_15	2000856-01 PDI-076SC-A-07-08-191013 17.93	03-Jun-20	02:07:50

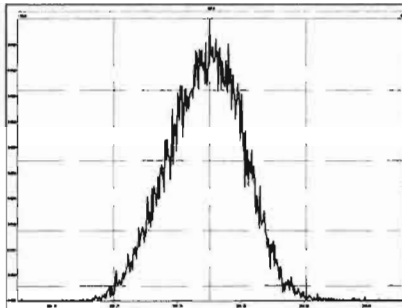
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Tuesday, June 02, 2020 15:14:08 Pacific Daylight Time

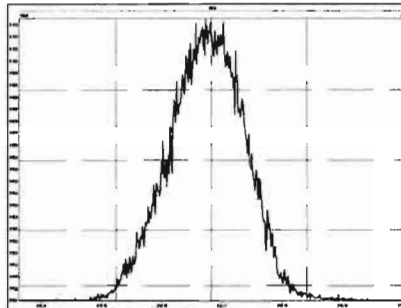
M 292.9824 R 11467



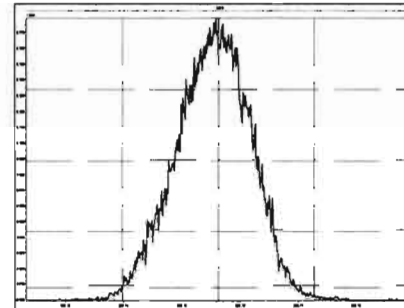
M 304.9824 R 11464



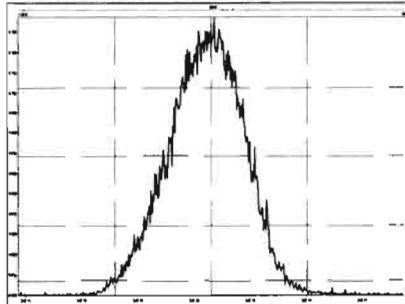
M 318.9792 R 11161



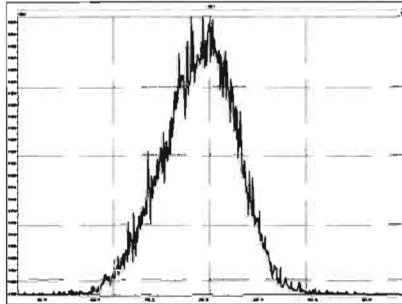
M 330.9792 R 11158



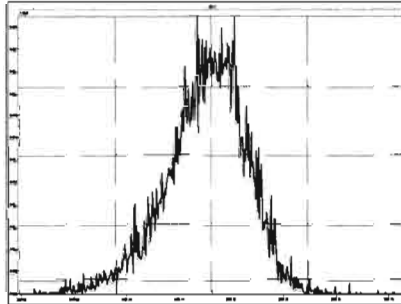
M 342.9792 R 11416



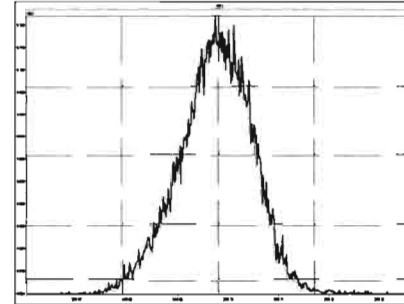
M 354.9792 R 11626



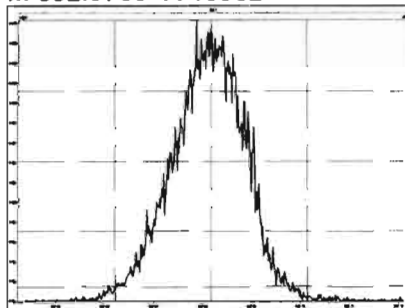
M 366.9792 R 11063



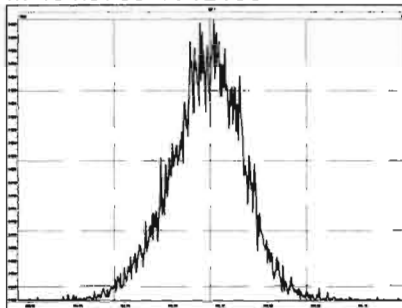
M 380.9760 R 10964



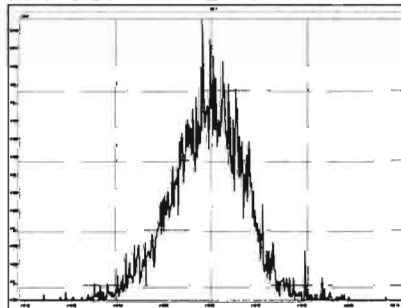
M 392.9760 R 10962



M 404.9760 R 12136



M 416.9760 R 12197



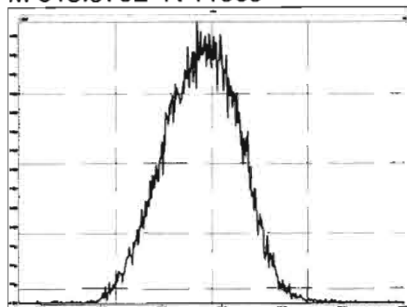
Experiment Calibration Report

MassLynx 4.1 SCN815

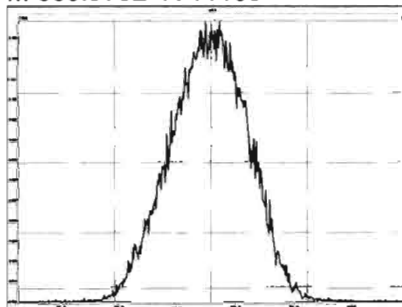
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Tuesday, June 02, 2020 15:14:42 Pacific Daylight Time

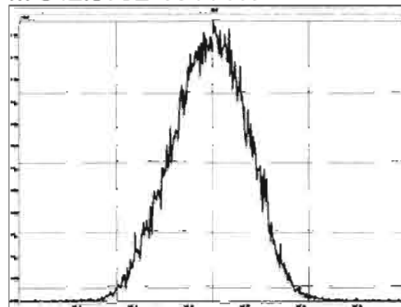
M 318.9792 R 11569



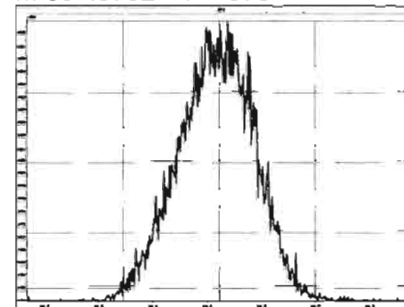
M 330.9792 R 11109



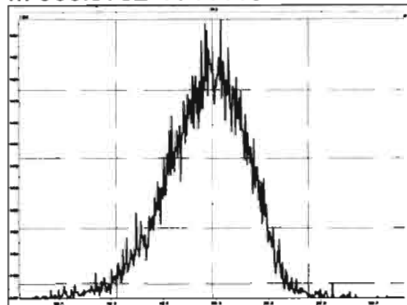
M 342.9792 R 11417



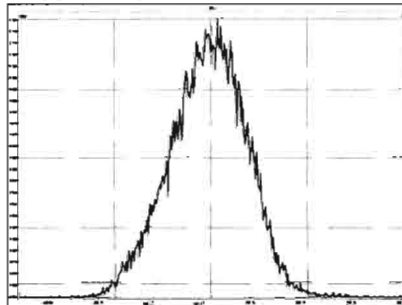
M 354.9792 R 11578



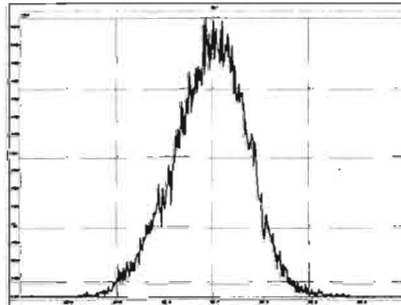
M 366.9792 R 11113



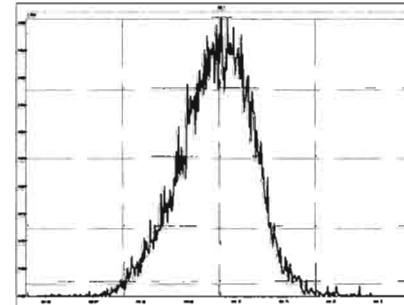
M 380.9760 R 11364



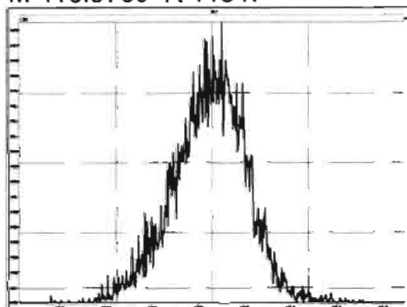
M 392.9760 R 11060



M 404.9760 R 11574



M 416.9760 R 11847



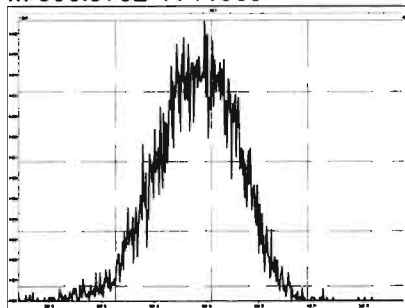
Experiment Calibration Report

MassLynx 4.1 SCN815

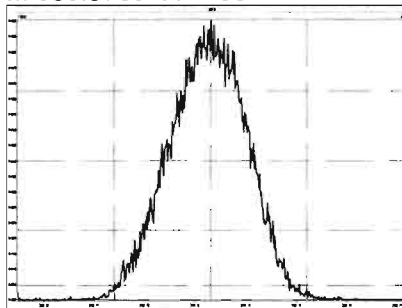
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Tuesday, June 02, 2020 15:15:08 Pacific Daylight Time

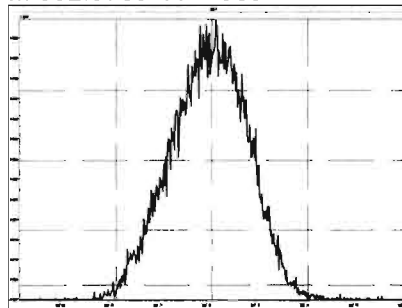
M 366.9792 R 11366



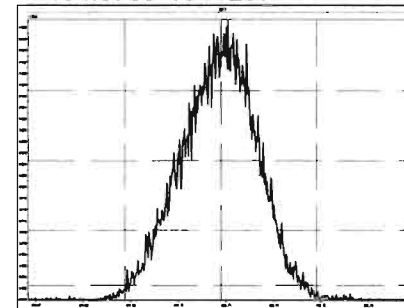
M 380.9760 R 11364



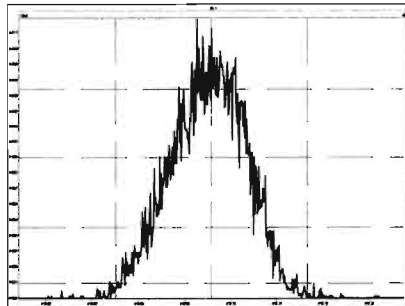
M 392.9760 R 11060



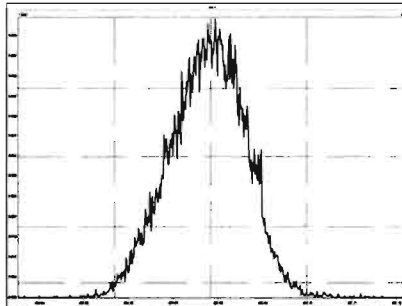
M 404.9760 R 11207



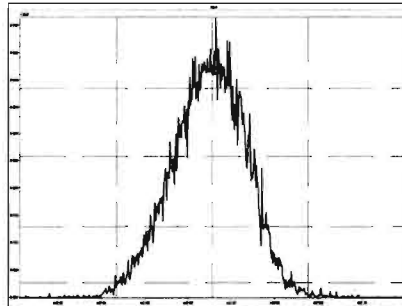
M 416.9760 R 11367



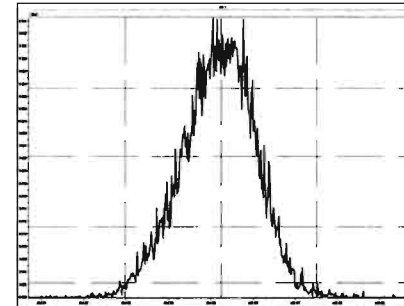
M 430.9728 R 11063



M 442.9728 R 11792



M 454.9728 R 11466



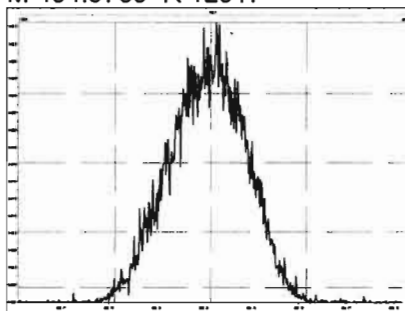
Experiment Calibration Report

MassLynx 4.1 SCN815

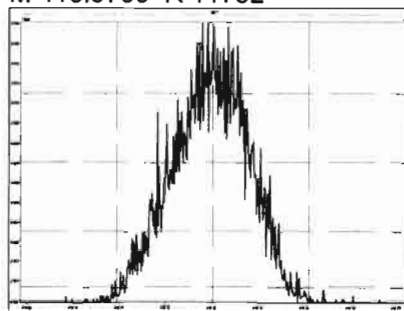
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Tuesday, June 02, 2020 15:15:34 Pacific Daylight Time

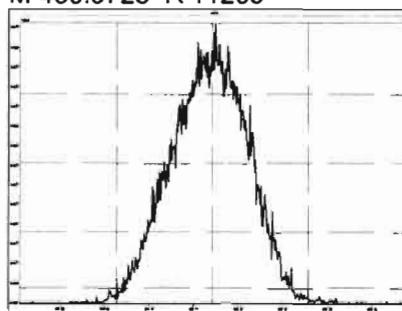
M 404.9760 R 12017



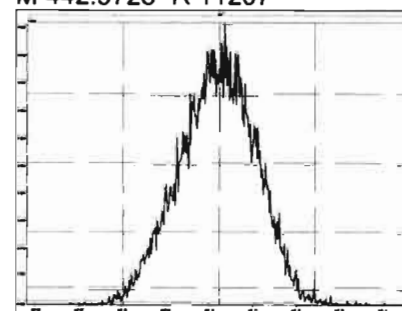
M 416.9760 R 11792



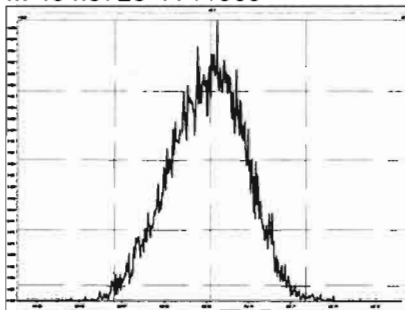
M 430.9728 R 11209



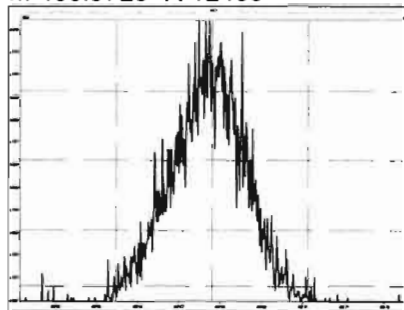
M 442.9728 R 11207



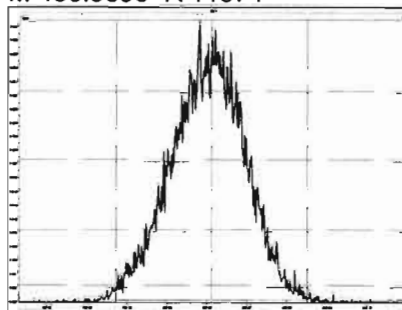
M 454.9728 R 11363



M 466.9728 R 12435



M 480.9696 R 11574



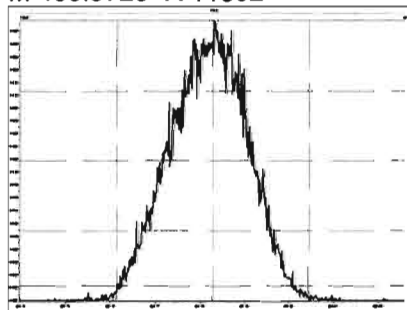
Experiment Calibration Report

MassLynx 4.1 SCN815

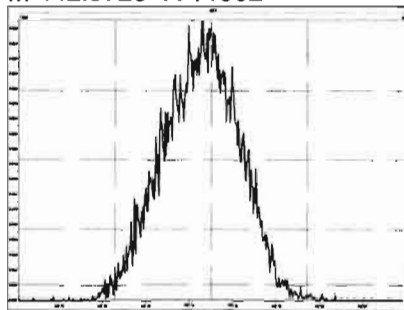
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Tuesday, June 02, 2020 15:16:03 Pacific Daylight Time

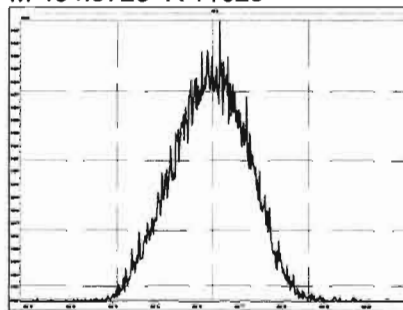
M 430.9728 R 11062



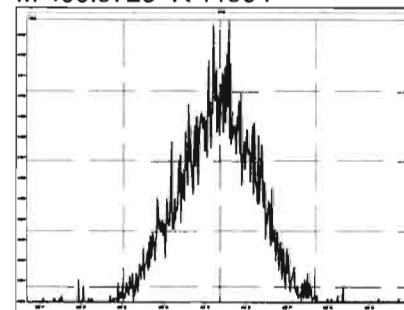
M 442.9728 R 11362



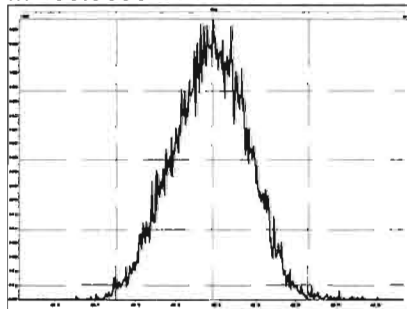
M 454.9728 R 11629



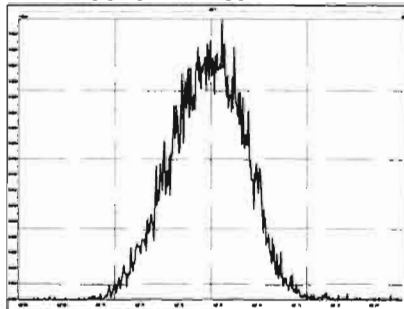
M 466.9728 R 11904



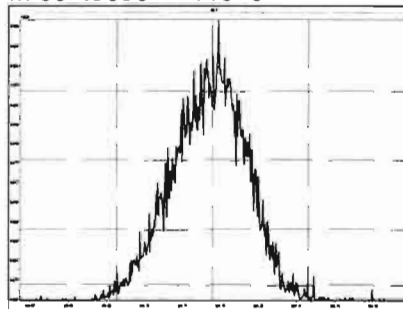
M 480.9696 R 11417



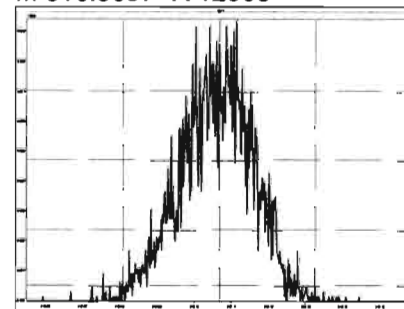
M 492.9696 R 11261



M 504.9696 R 11576



M 516.9697 R 12563



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:09:28 PM Pacific Daylight Time

Printed: Tuesday, June 02, 2020 4:09:49 PM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 26 May 2020 10:39:11

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

#	Name	RT
1	1,3,6,8-TCDD (First)	22.52
2	1,2,8,9-TCDD (Last)	27.47
3	1,2,4,7,9-PeCDD (First)	29.25
4	1,2,3,8,9-PeCDD (Last)	31.85
5	1,2,4,6,7,9-HxCDD (First)	33.33
6	1,2,3,7,8,9-HxCDD (Last)	35.22
7	1,2,3,4,6,7,9-HpCDD (First)	37.75
8	1,2,3,4,6,7,8-HpCDD (Last)	38.77
9	1,3,6,8-TCDF (First)	20.36
10	1,2,8,9-TCDF (Last)	27.62
11	1,3,4,6,8-PeCDF (First)	27.58
12	1,2,3,8,9-PeCDF (Last)	32.11
13	1,2,3,4,6,8-HxCDF (First)	32.79
14	1,2,3,7,8,9-HxCDF (Last)	35.58
15	1,2,3,4,6,7,8-HpCDF (First)	37.36
16	1,2,3,4,7,8,9-HpCDF (Last)	39.31

Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:09:28 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:09:49 PM Pacific Daylight Time

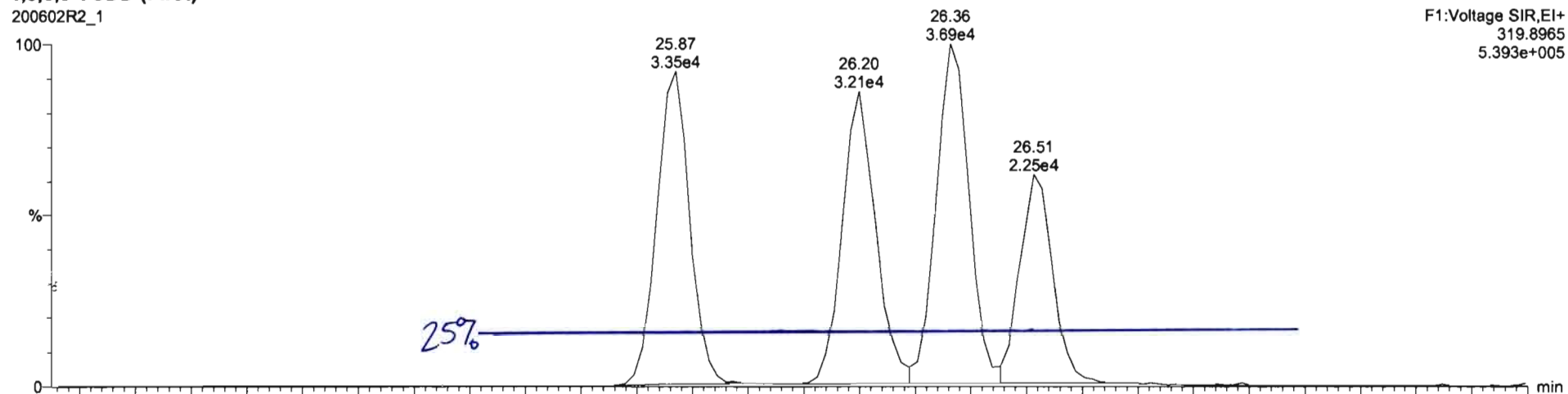
GRB 06/02/2020

Method: U:\VG12.PRO\MethDB\CPSM.mdb 26 May 2020 10:39:11
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

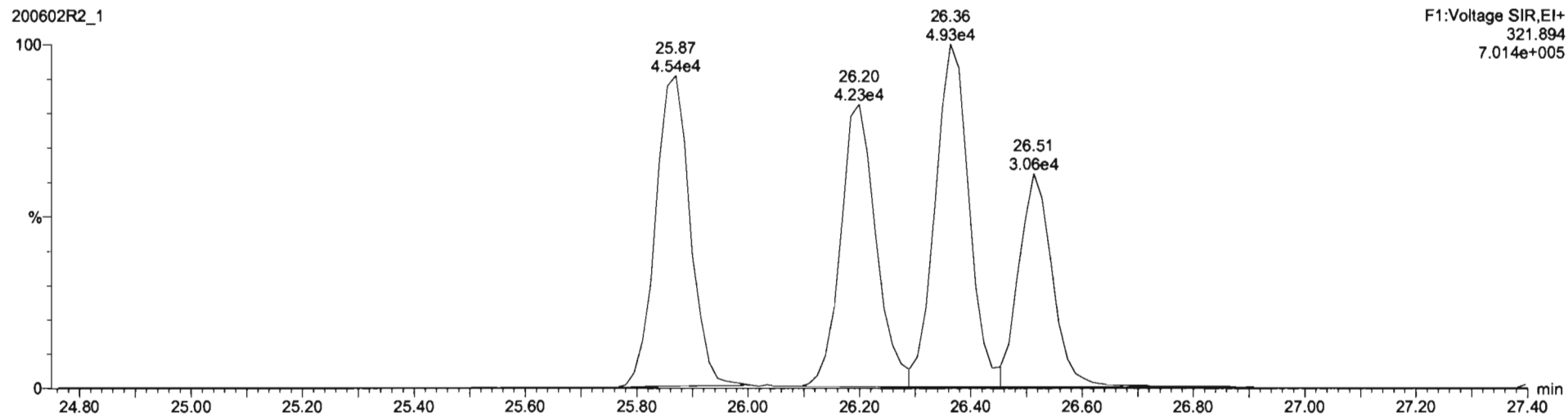
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1,3,6,8-TCDD (First)

200602R2_1



200602R2_1



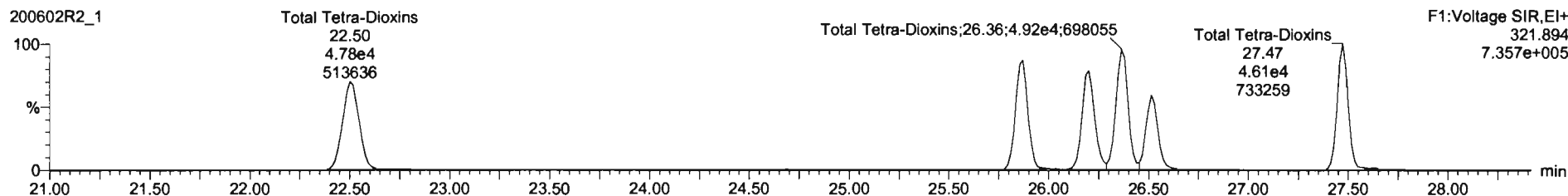
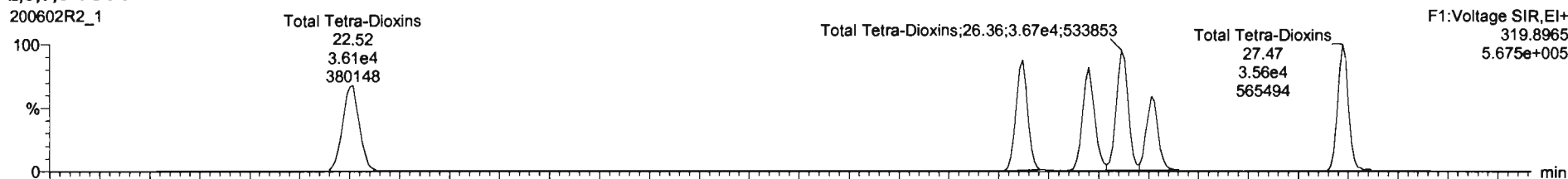
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

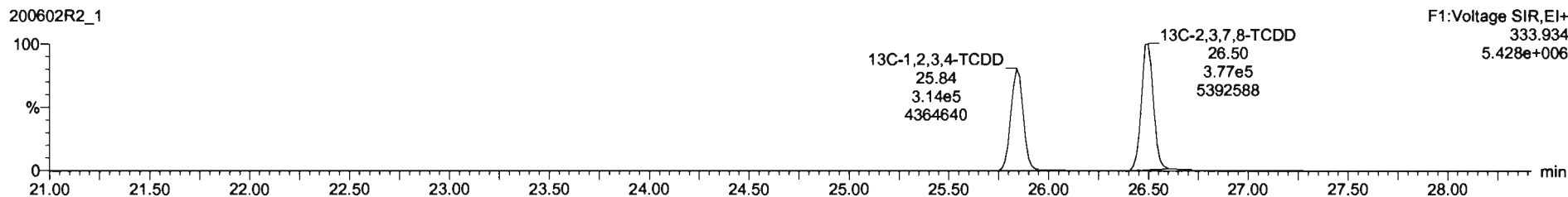
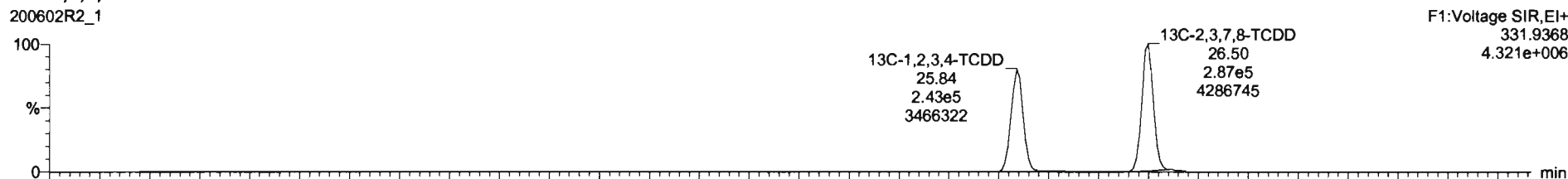
Method: U:\VG12.PRO\MethDB\1613rrt-06-01-20.mdb 01 Jun 2020 11:54:45
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDD



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



Dataset: Untitled

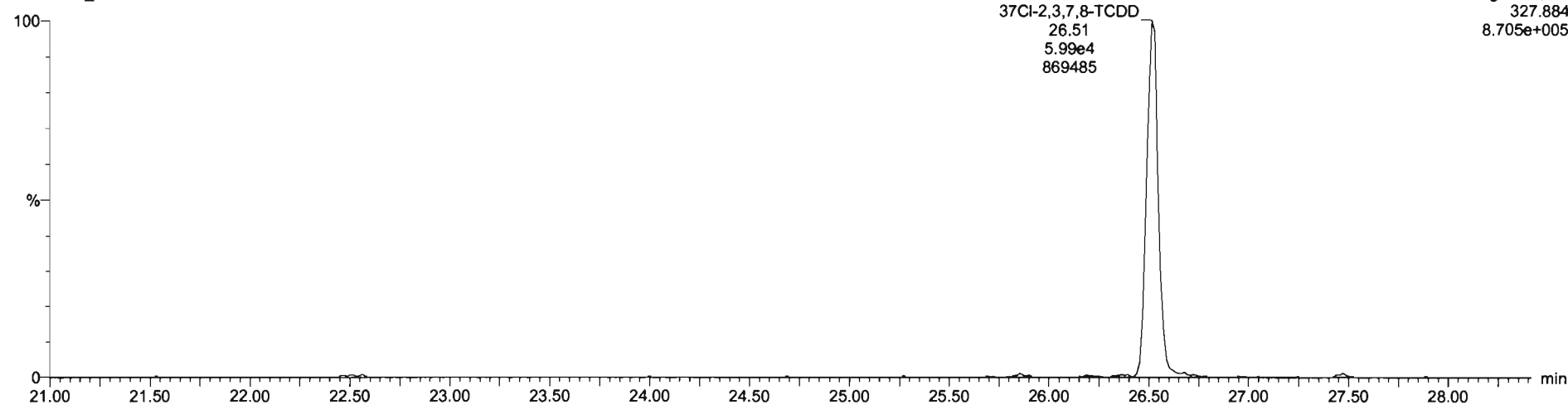
Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

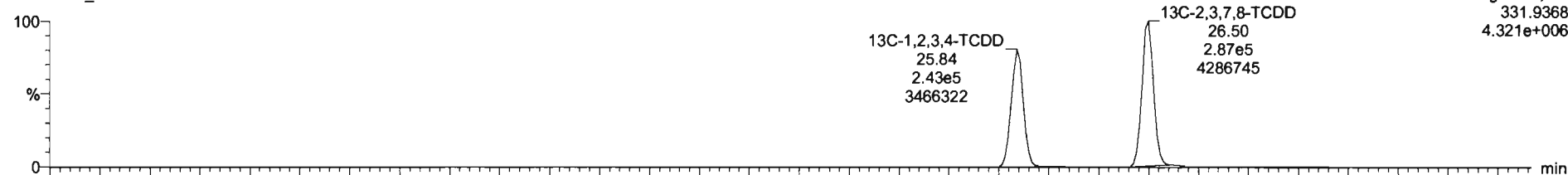
37Cl-2,3,7,8-TCDD

200602R2_1

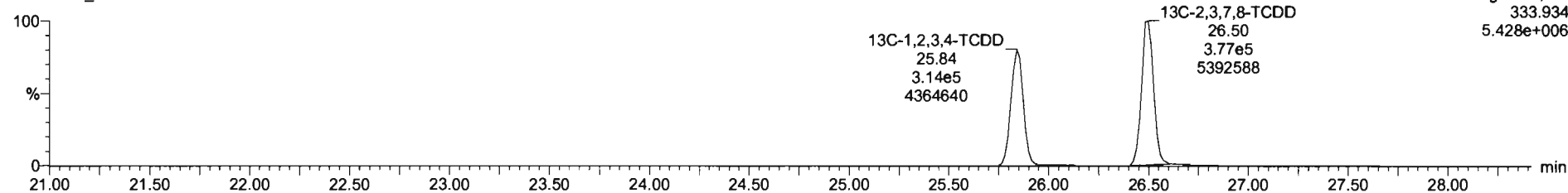


13C-1,2,3,4-TCDD

200602R2_1



200602R2_1



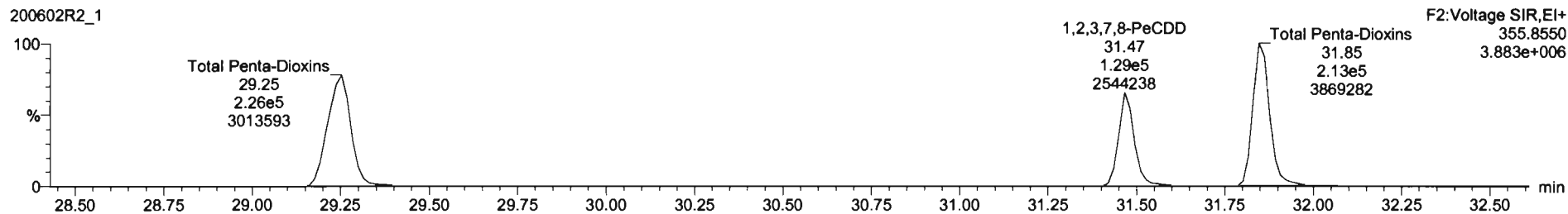
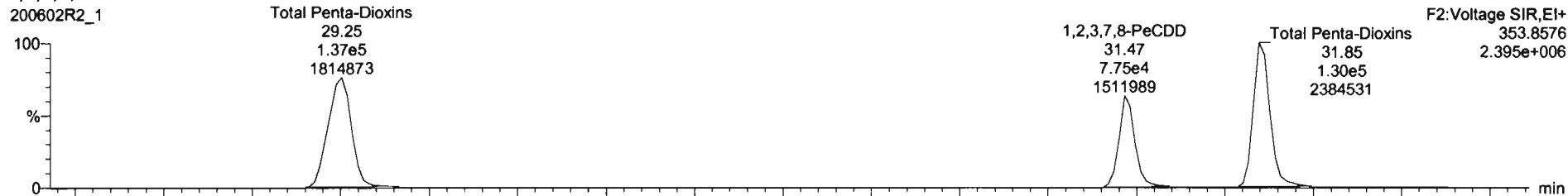
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

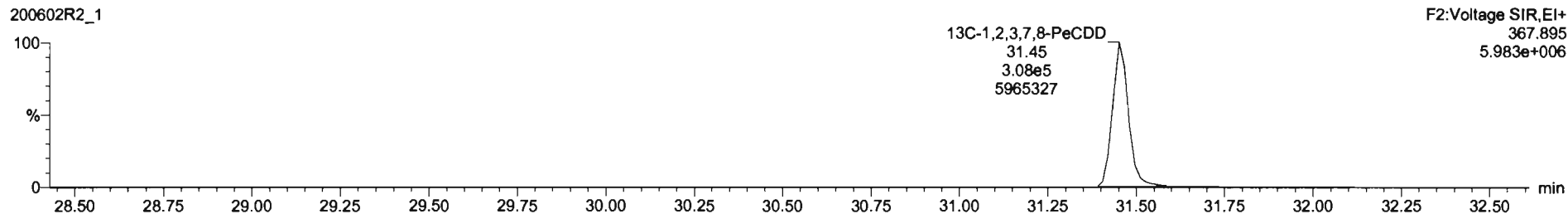
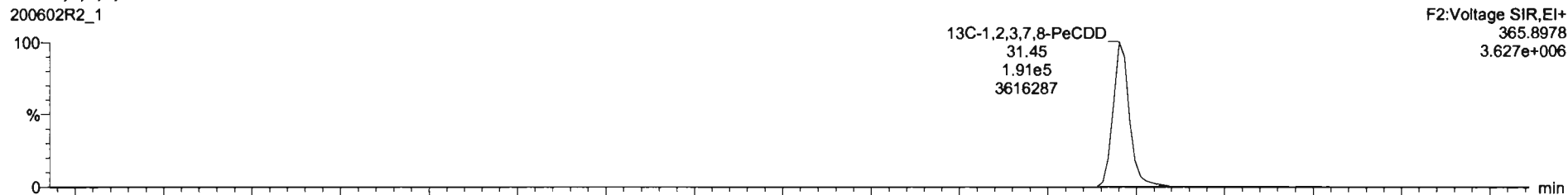
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1,2,3,7,8-PeCDD



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



Dataset: Untitled

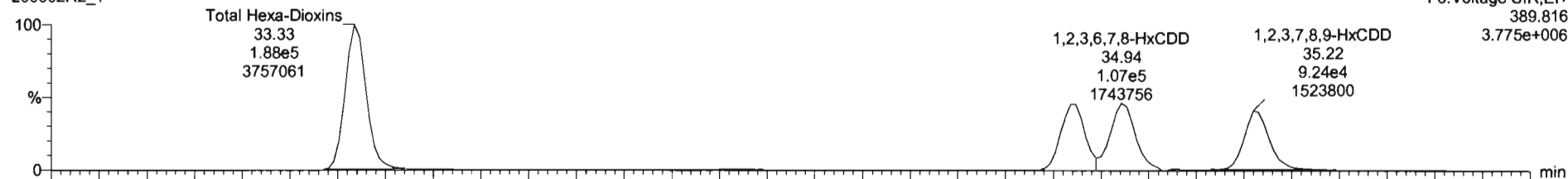
Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

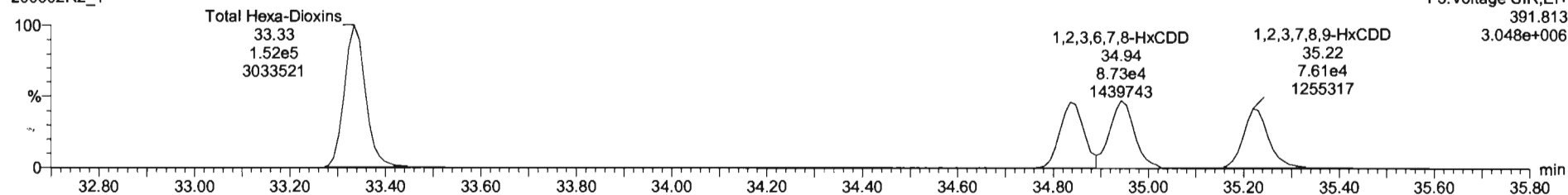
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200602R2_1

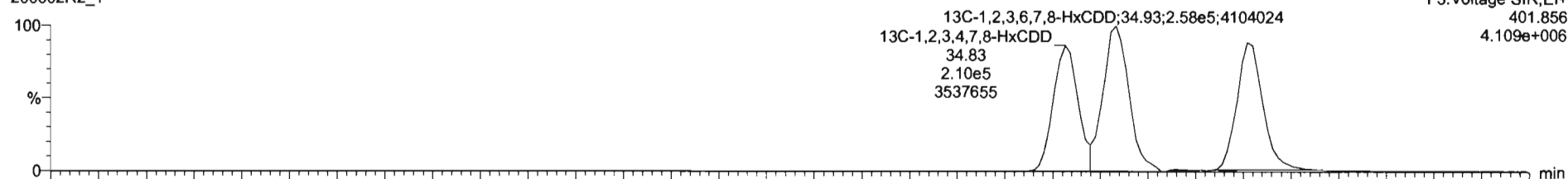


200602R2_1

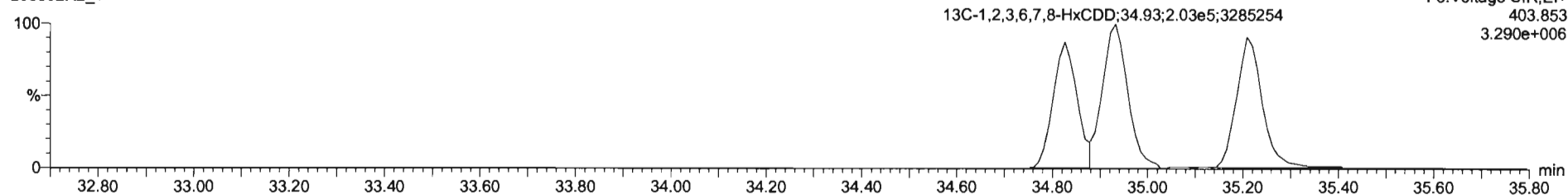


13C-1,2,3,4,7,8-HxCDD

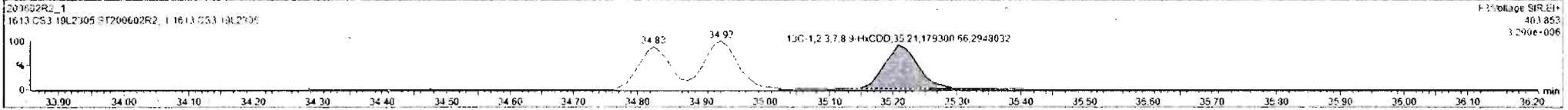
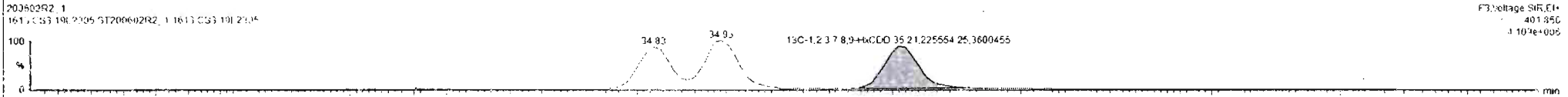
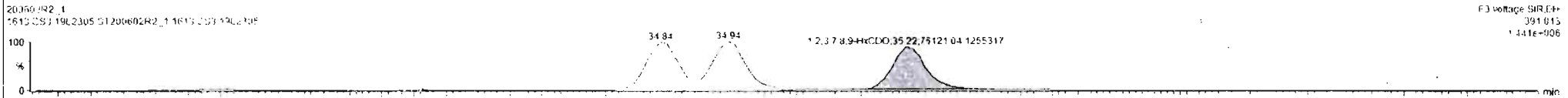
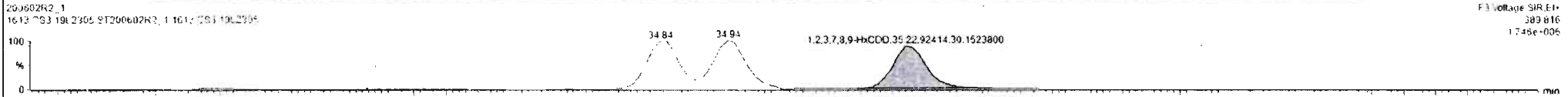
200602R2_1



200602R2_1



#	Name	Resp	RA	nly	RRF	wfVol	RT	RRT	Conc.	%Rec	OL	EMPC
1	1,2,3,7,8-TCDD	5.27e4	0.74	NO	0.89	1.000	26.51	1.001	8.87	88.7	0.0551	8.87
2	1,2,3,7,8-PeCDD	2.07e5	0.60	NO	0.91	1.000	31.47	1.000	45.6	91.3	0.105	45.6
3	1,2,3,4,7,8-HxCDD	1.81e5	1.24	NO	1.03	1.000	34.84	1.000	46.7	93.4	0.183	46.7
4	1,2,3,6,7,8-HxCDD	1.95e5	1.23	NO	0.89	1.000	34.94	1.000	47.3	94.5	0.182	47.3
5	1,2,3,7,8,9-HxCDD	1.63e5	1.21	NO	0.69	1.000	35.22	1.000	45.9	91.9	0.200	45.9
6	1,2,3,4,6,7,8-HpCDD	1.71e5	0.99	NO	0.86	1.000	38.77	1.001	49.3	98.6	0.182	49.3
7	OCDD	2.61e5	0.87	NO	0.91	1.000	41.74	1.000	94.9	94.9	0.177	94.9
8	1,2,3,7,8-TCDF	5.52e4	0.73	NO	0.75	1.000	25.63	1.001	9.14	91.4	0.0634	9.14
9	1,2,3,7,8-PeCDF	2.92e5	1.54	NO	0.89	1.000	30.18	1.001	47.5	95.0	0.111	47.5
10	1,2,3,4,7,8-HxCDF	2.92e5	1.55	NO	0.93	1.000	31.16	1.000	46.5	93.0	0.110	46.5
11	1,2,3,4,7,8-HxCDF	1.90e5	1.21	NO	0.88	1.000	33.96	1.000	50.3	101	0.225	50.3
12	1,2,3,6,7,8-HxCDF	2.97e5	1.20	NO	0.89	1.000	34.08	1.000	48.6	97.2	0.214	48.6
13	2,3,4,6,7,8-HxCDF	2.01e5	1.21	NO	0.93	1.000	34.68	1.001	49.4	98.8	0.237	49.4
14	1,2,3,7,8,9-HxCDF	1.58e5	1.20	NO	0.87	1.000	35.58	1.000	47.0	94.0	0.315	47.0
15	1,2,3,4,5,7,8-HpCDF	1.44e5	1.00	NO	0.87	1.000	37.36	1.001	49.2	98.3	0.177	49.2
16	1,2,3,4,7,8,9-HpCDF	1.14e5	1.01	NO	1.01	1.000	39.31	1.000	49.1	98.3	0.184	49.1
17	OCDF	2.61e5	0.82	NO	0.81	1.000	41.93	1.000	98.5	98.5	0.157	98.5
18	13C-1,2,3,7,8-TCDD	6.64e5	0.76	NO	1.16	1.000	28.00	1.025	103	103	0.150	
19	13C-1,2,3,7,8-PeCDD	4.99e5	0.62	NO	0.85	1.000	31.45	1.217	106	106	0.159	
20	13C-1,2,3,4,7,8-HxCDD	2.75e5	1.27	NO	0.78	1.000	34.83	1.014	112	112	0.232	
21	13C-1,2,3,6,7,8-HxCDD	4.61e5	1.27	NO	1.02	1.000	34.93	1.017	108	106	0.178	



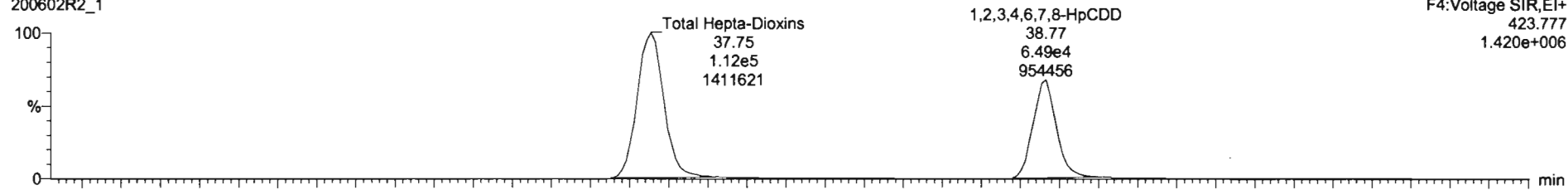
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

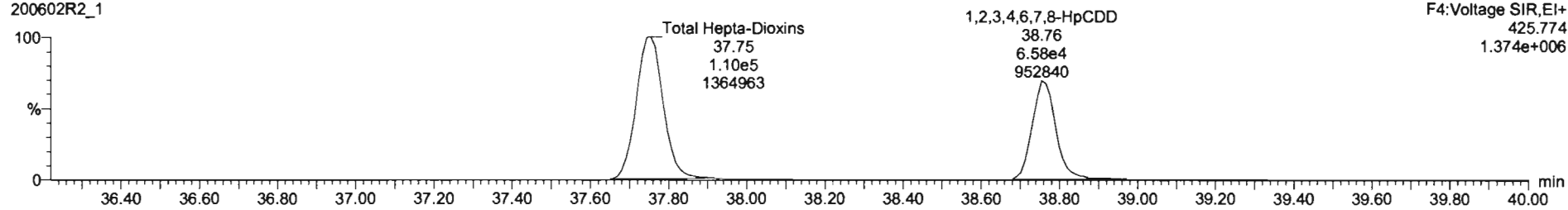
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200602R2_1

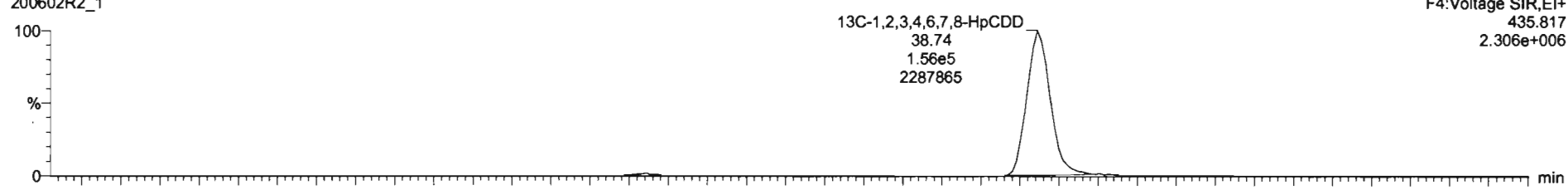


200602R2_1

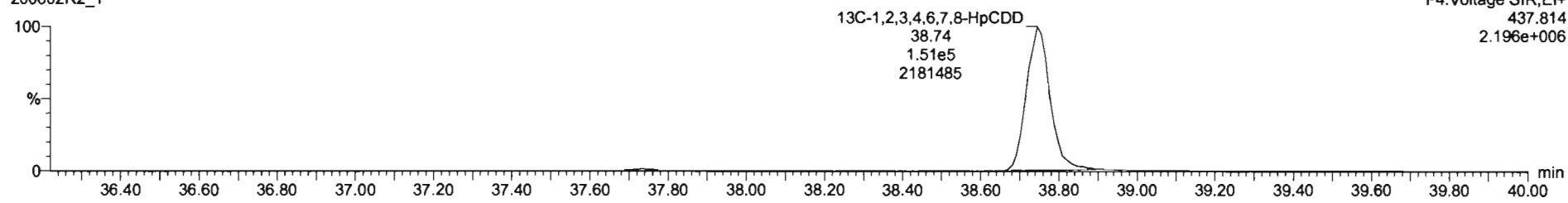


13C-1,2,3,4,6,7,8-HpCDD

200602R2_1



200602R2_1



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

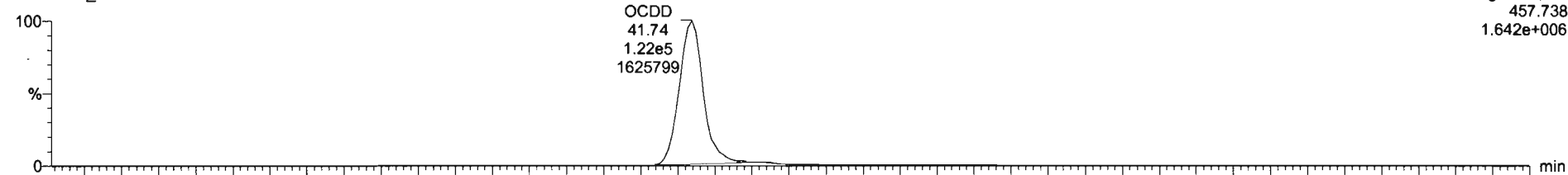
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

OCDD

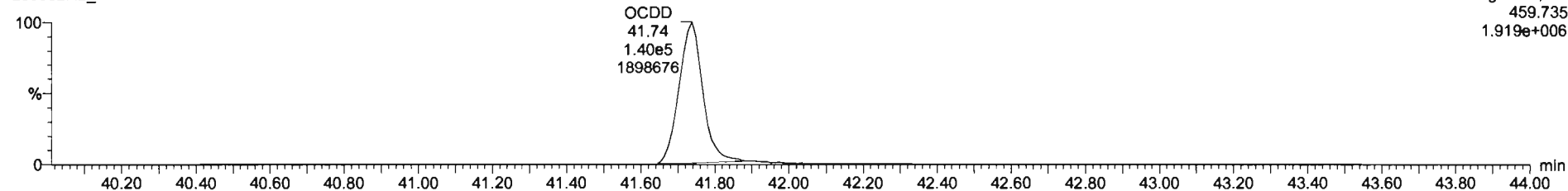
200602R2_1

F5:Voltage SIR,EI+
457.738
1.642e+006



200602R2_1

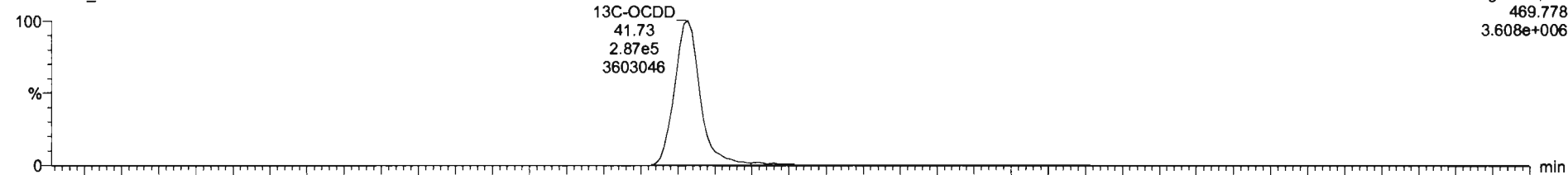
F5:Voltage SIR,EI+
459.735
1.919e+006



13C-OCDD

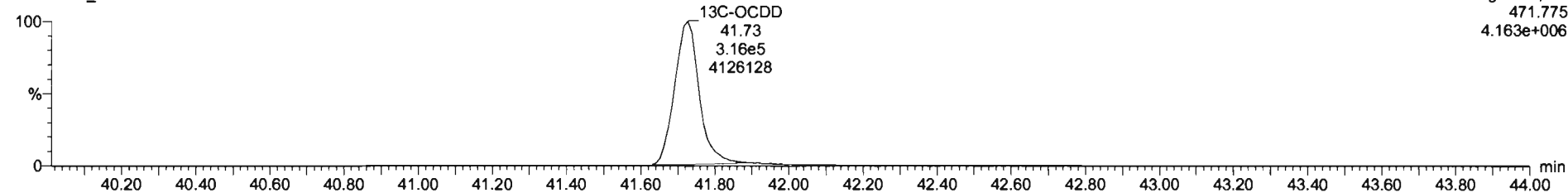
200602R2_1

F5:Voltage SIR,EI+
469.778
3.608e+006



200602R2_1

F5:Voltage SIR,EI+
471.775
4.163e+006



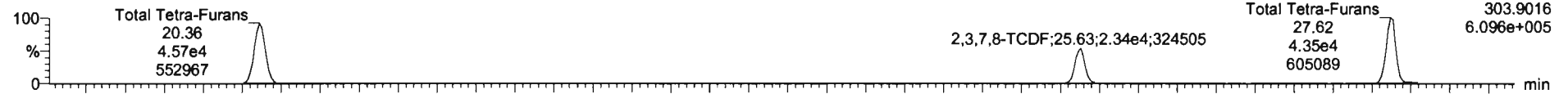
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

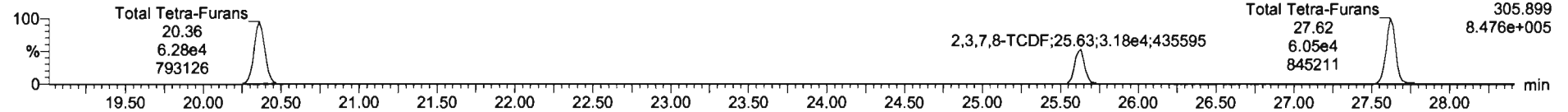
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDF

200602R2_1

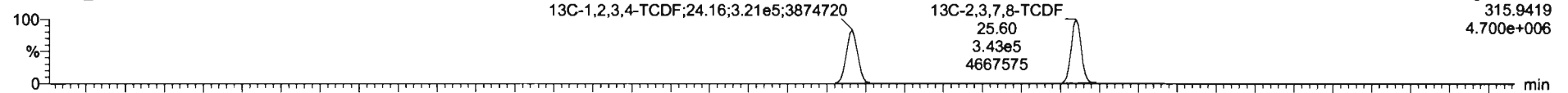


200602R2_1

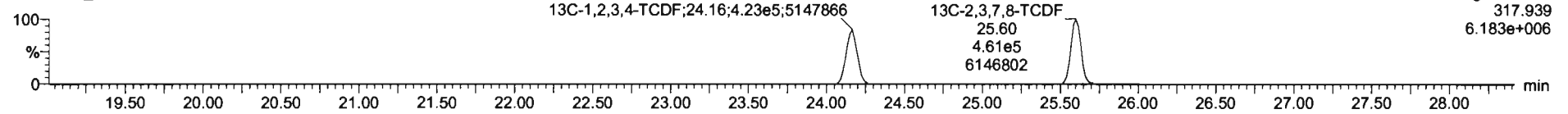


13C-2,3,7,8-TCDF

200602R2_1

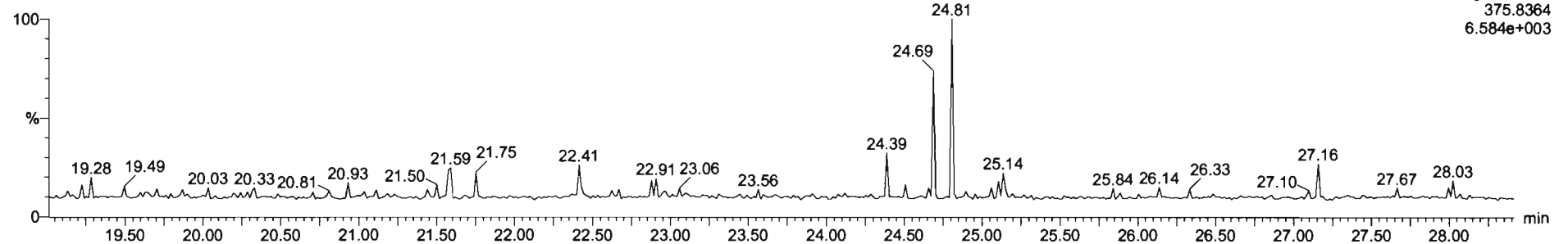


200602R2_1



DPE1

200602R2_1



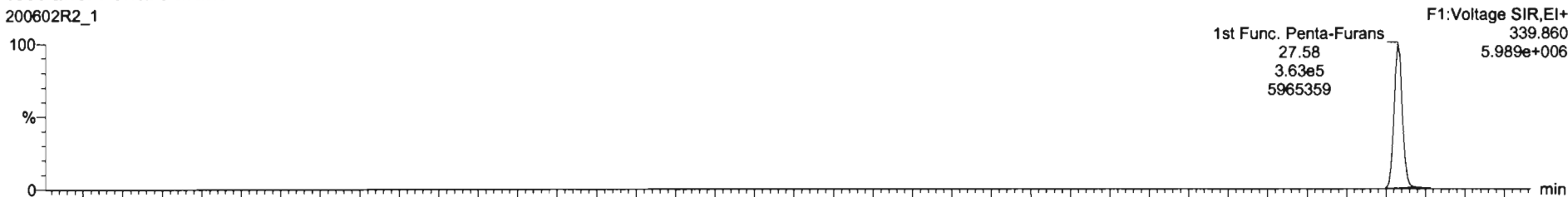
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

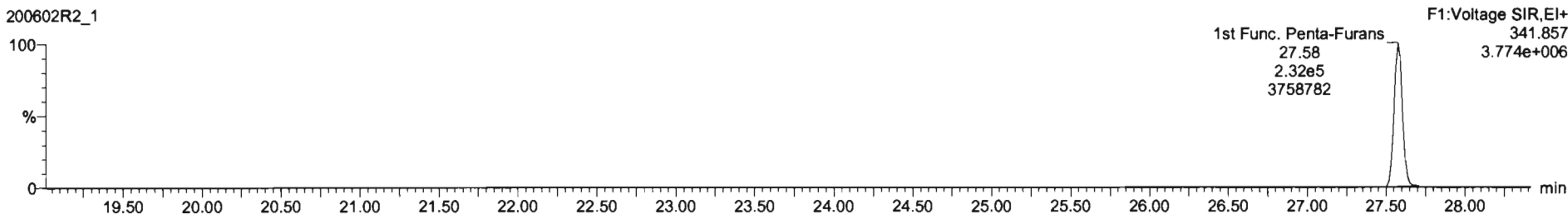
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1st Func. Penta-Furans

200602R2_1

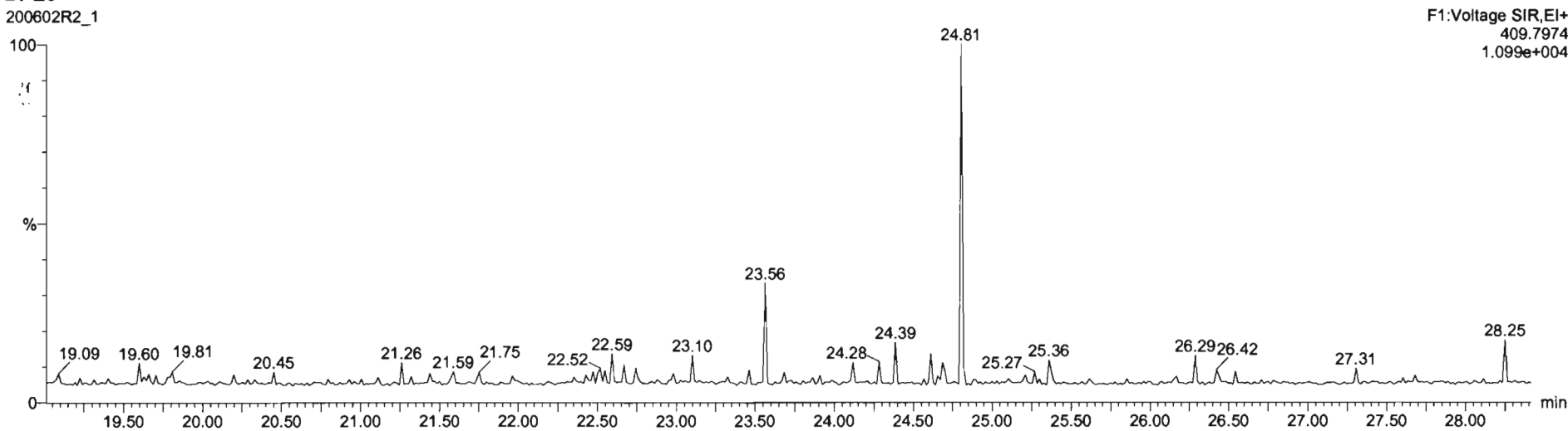


200602R2_1



DPE6

200602R2_1



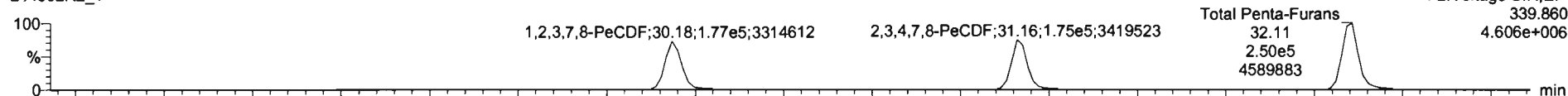
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

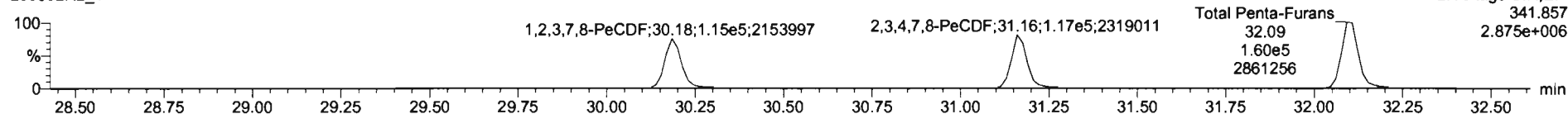
Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1,2,3,7,8-PeCDF

200602R2_1

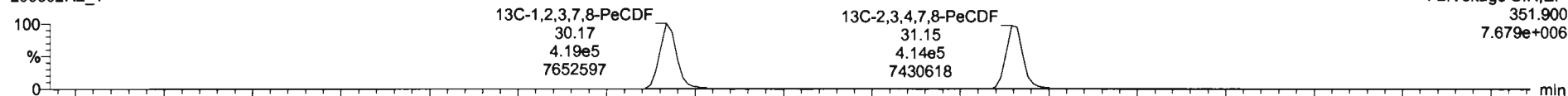


200602R2_1

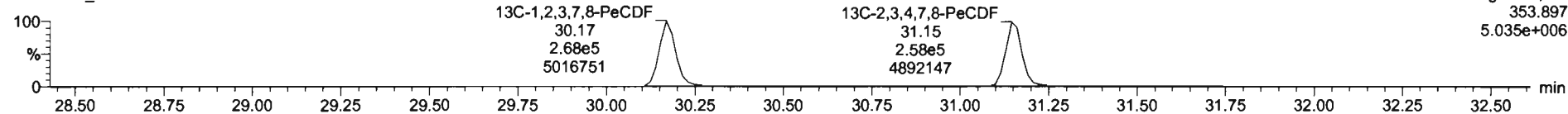


13C-1,2,3,7,8-PeCDF

200602R2_1

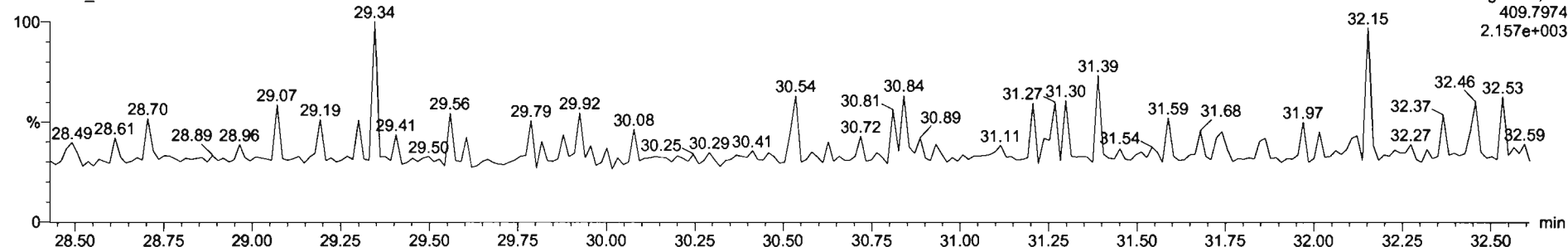


200602R2_1



DPE2

200602R2_1



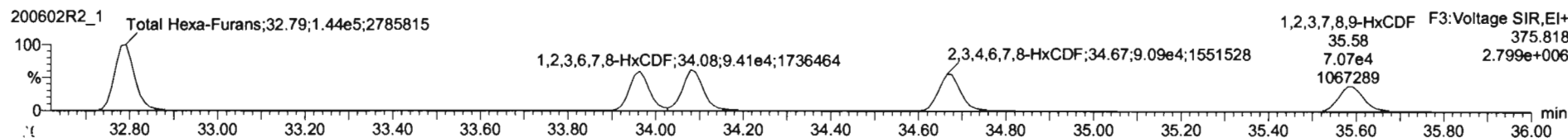
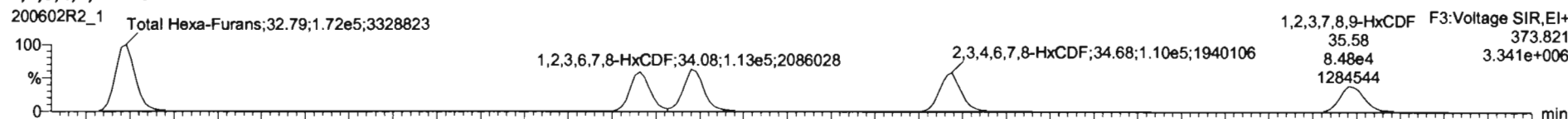
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

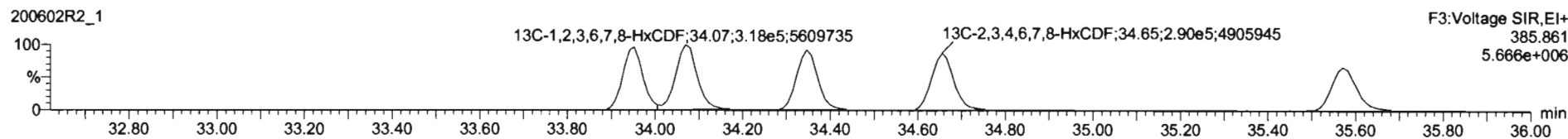
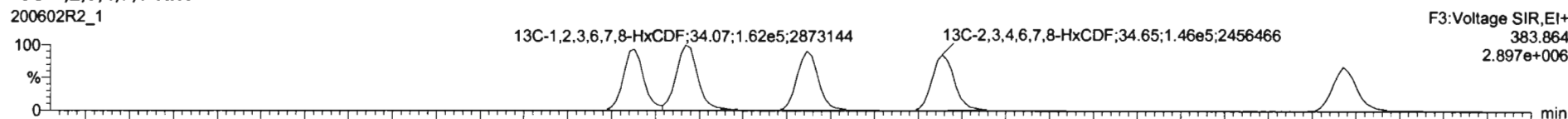
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

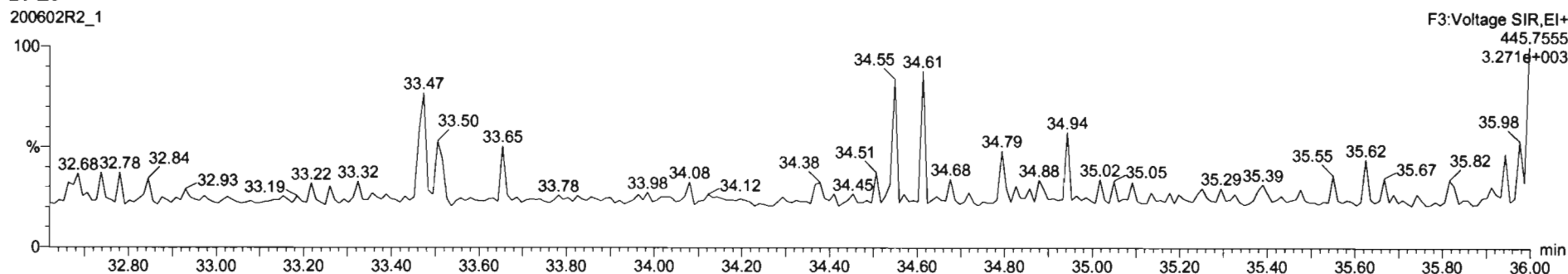
1,2,3,4,7,8-HxCDF



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



DPE3



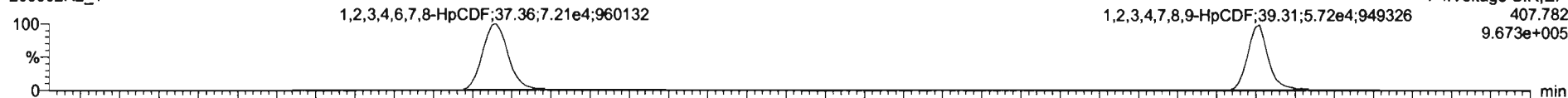
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

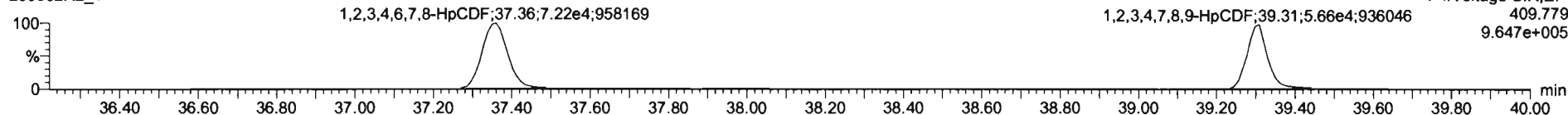
1,2,3,4,6,7,8-HpCDF

200602R2_1



F4:Voltage SIR,EI+
407.782
9.673e+005

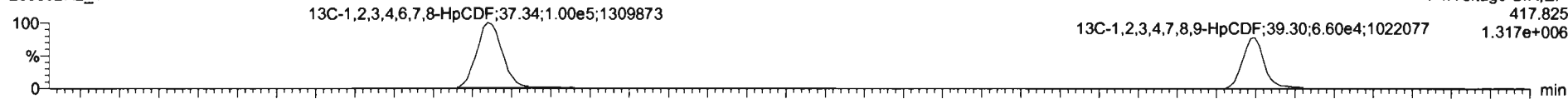
200602R2_1



F4:Voltage SIR,EI+
409.779
9.647e+005

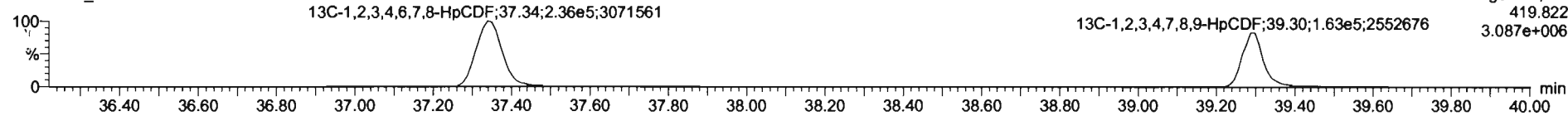
13C-1,2,3,4,6,7,8-HpCDF

200602R2_1



F4:Voltage SIR,EI+
417.825
1.317e+006

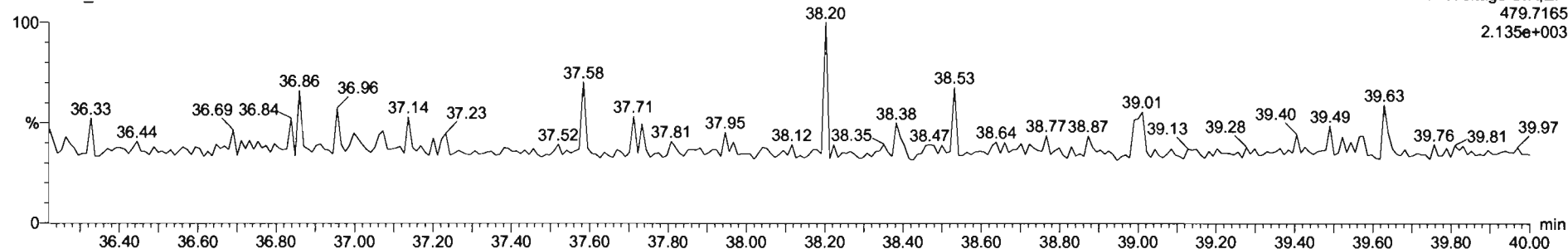
200602R2_1



F4:Voltage SIR,EI+
419.822
3.087e+006

DPE4

200602R2_1

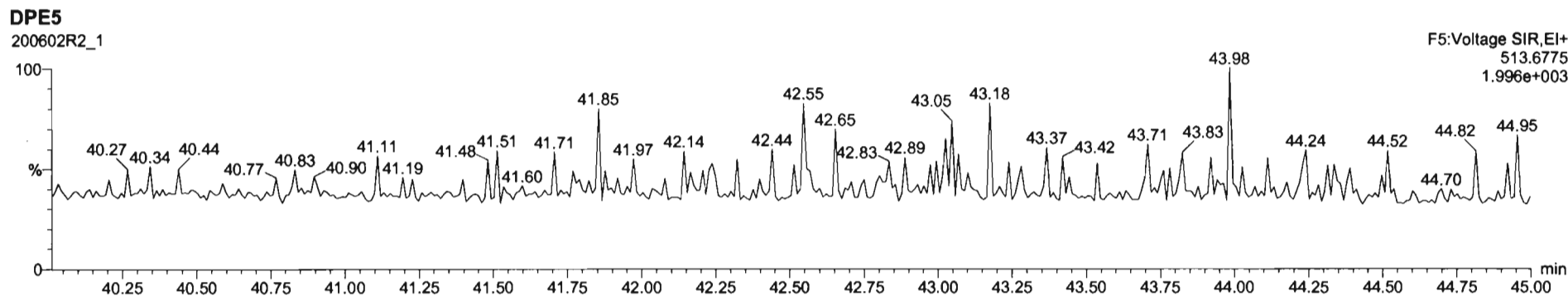
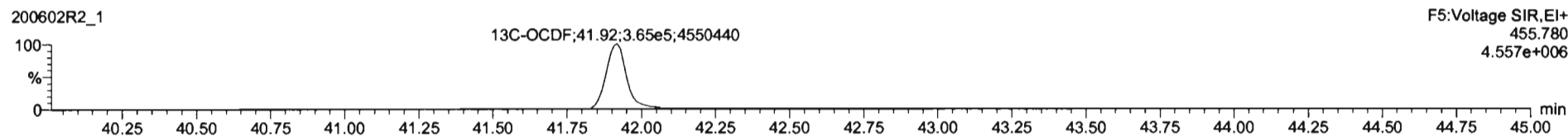
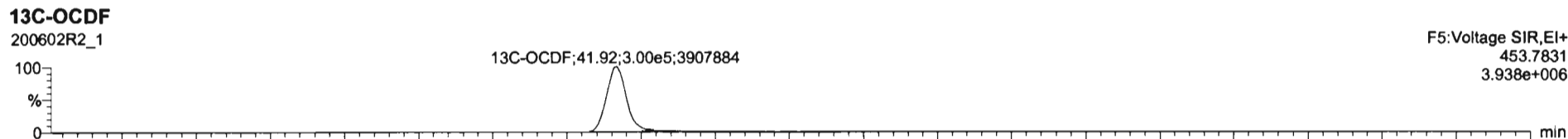
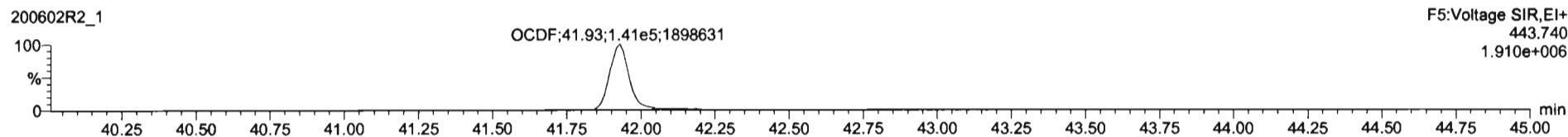
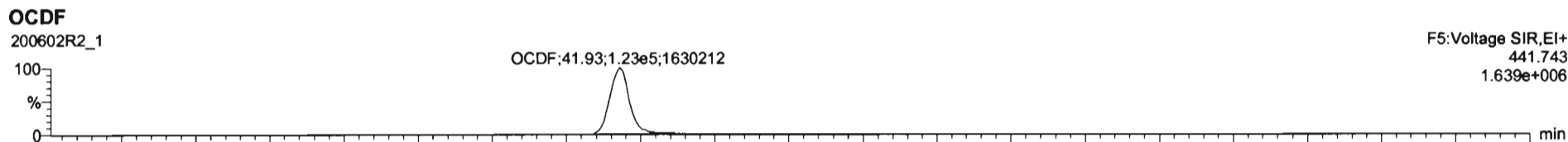


F4:Voltage SIR,EI+
479.7165
2.135e+003

Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

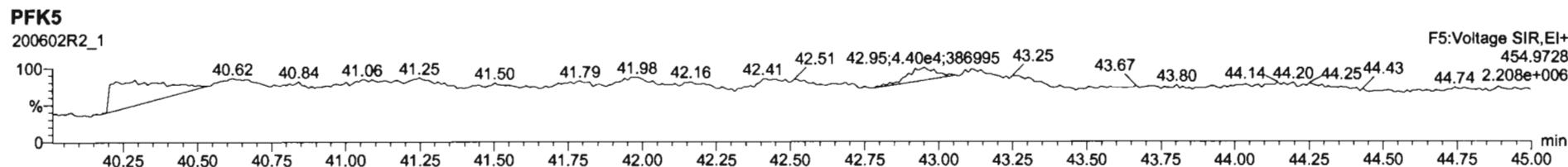
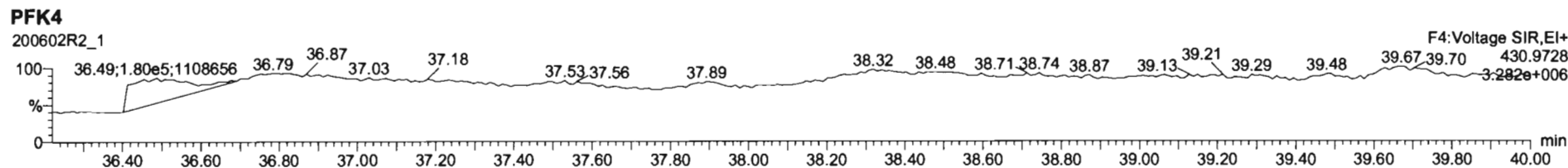
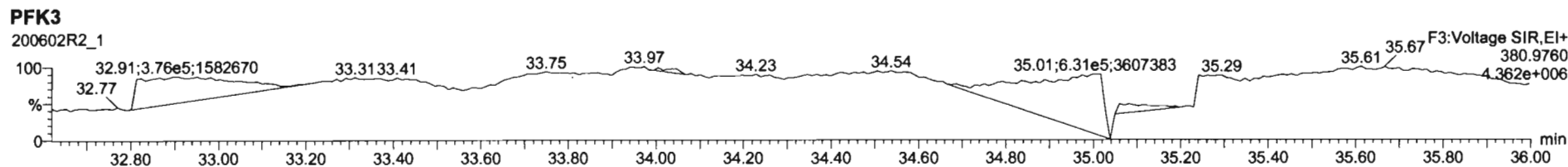
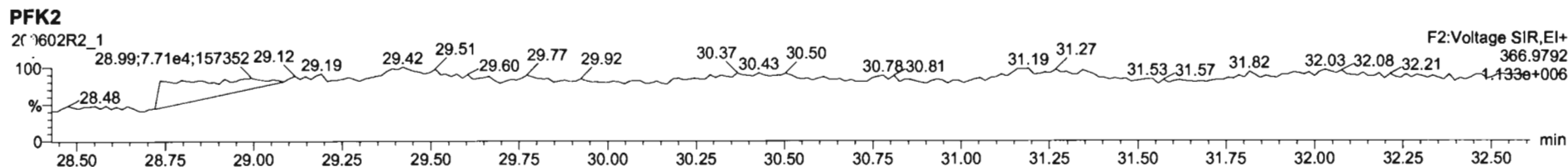
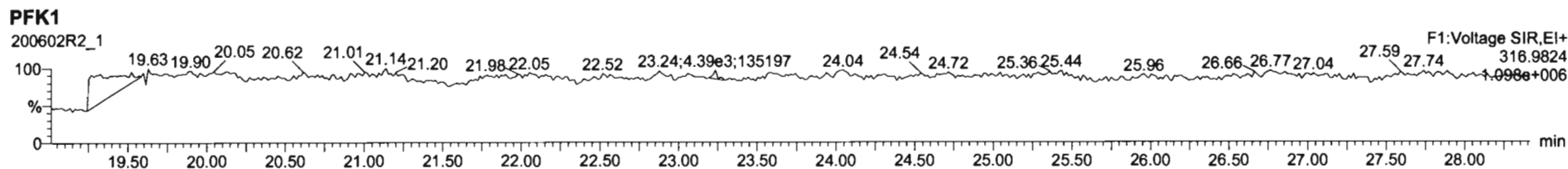


Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 4:04:15 PM Pacific Daylight Time

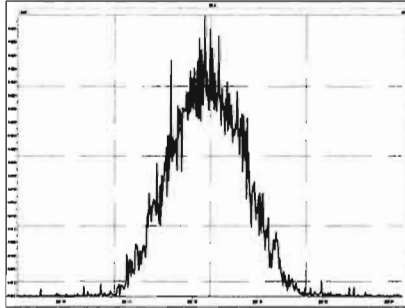
Printed: Tuesday, June 02, 2020 4:06:44 PM Pacific Daylight Time

Name: 200602R2_1, Date: 02-Jun-2020, Time: 15:17:57, ID: ST200602R2_1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

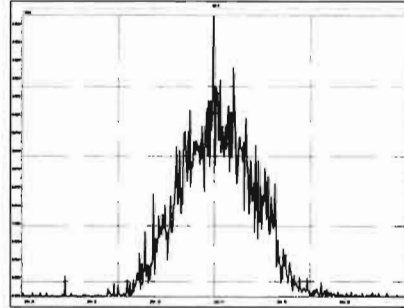


Printed: Wednesday, June 03, 2020 03:02:54 Pacific Daylight Time

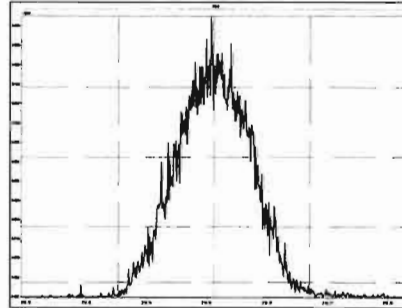
M 292.9824 R 12475



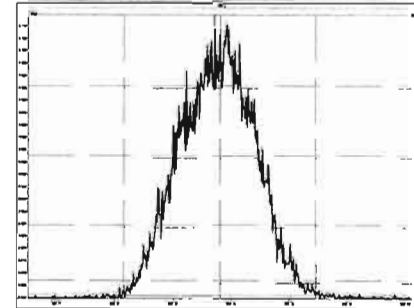
M 304.9824 R 12442



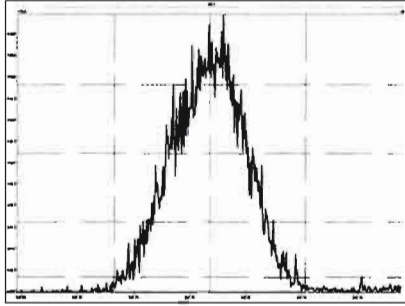
M 318.9792 R 11682



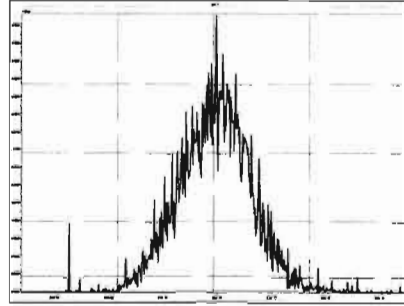
M 330.9792 R 12036



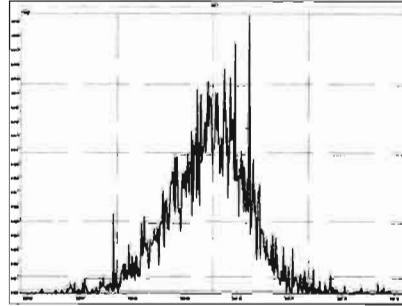
M 342.9792 R 12607



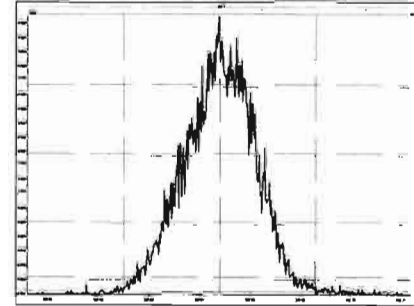
M 354.9792 R 12724



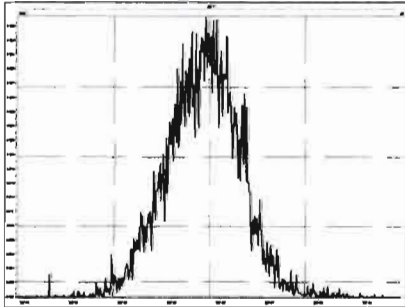
M 366.9792 R 12731



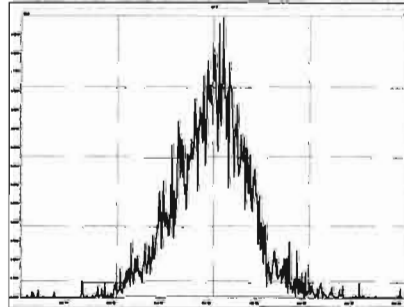
M 380.9760 R 12094



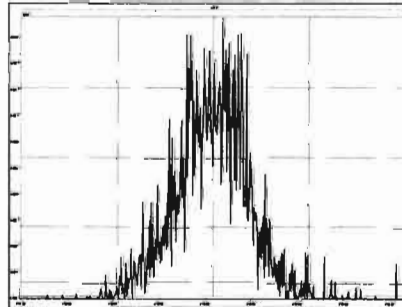
M 392.9760 R 12440



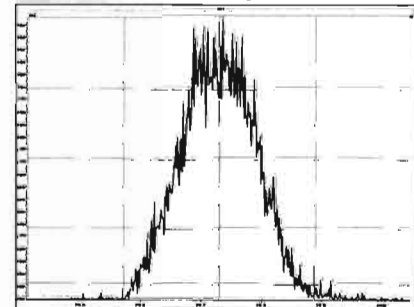
M 404.9760 R 13680



M 416.9760 R 14326

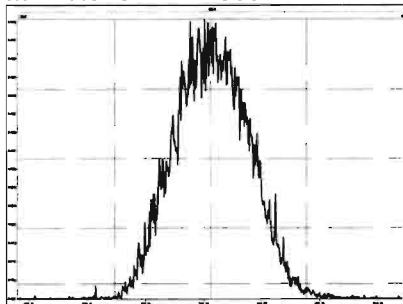


M 318.9792 R 12107

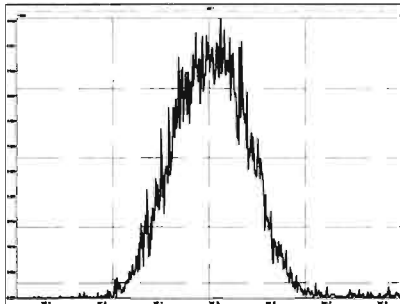


Printed: Wednesday, June 03, 2020 03:02:54 Pacific Daylight Time

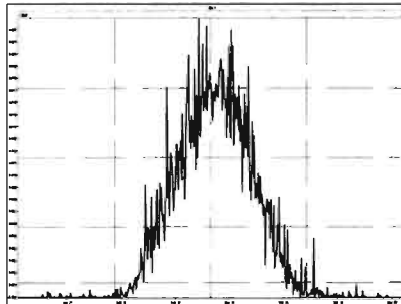
M 330.9792 R 11865



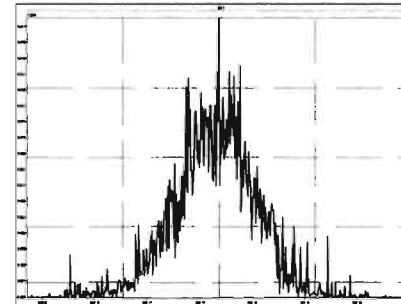
M 342.9792 R 11948



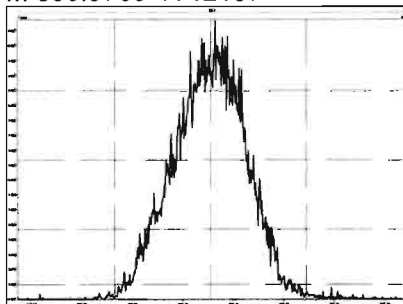
M 354.9792 R 12854



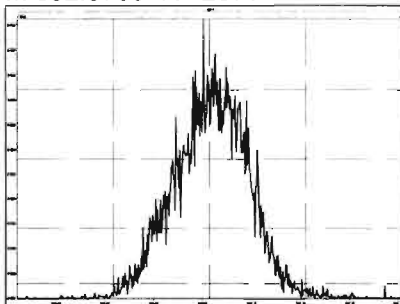
M 366.9792 R 13786



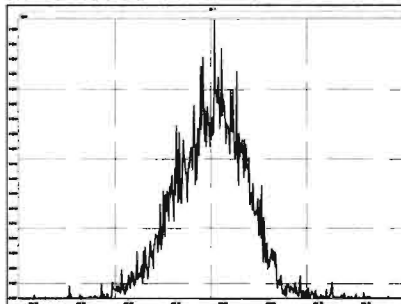
M 380.9760 R 12197



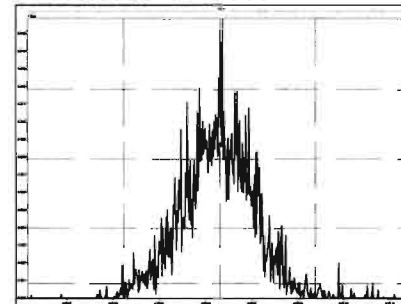
M 392.9760 R 12570



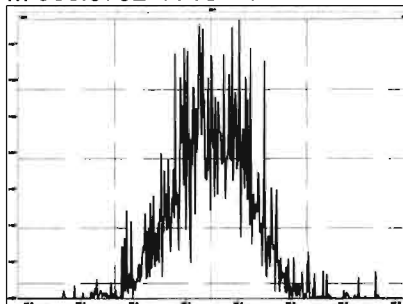
M 404.9760 R 12345



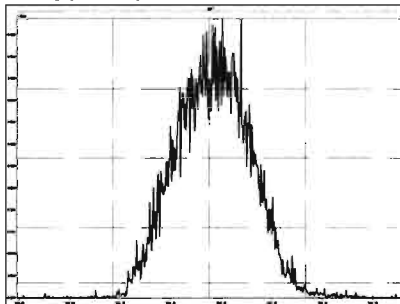
M 416.9760 R 14568



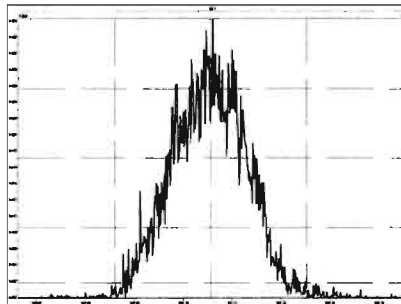
M 366.9792 R 13117



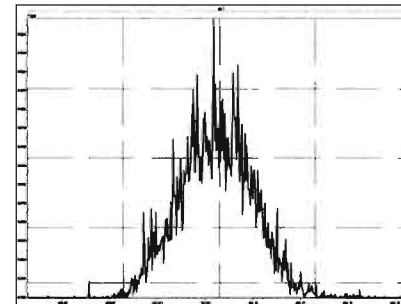
M 380.9760 R 11577



M 392.9760 R 12140

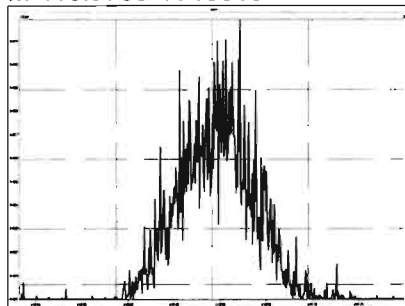


M 404.9760 R 12891

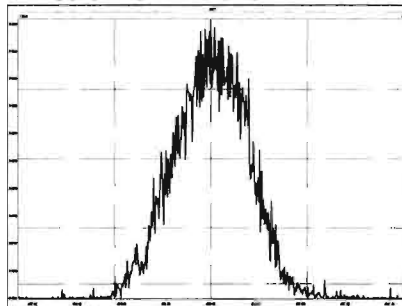


Printed: Wednesday, June 03, 2020 03:02:54 Pacific Daylight Time

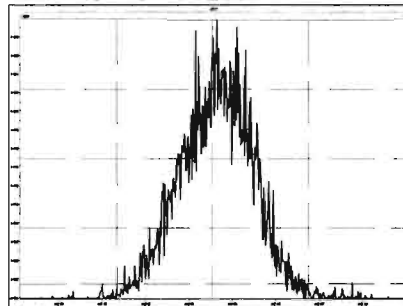
M 416.9760 R 13515



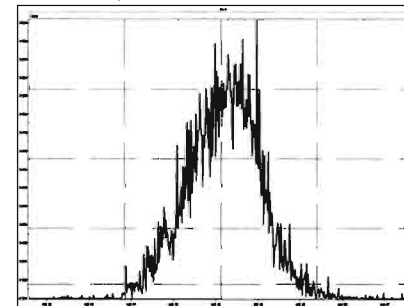
M 430.9728 R 12019



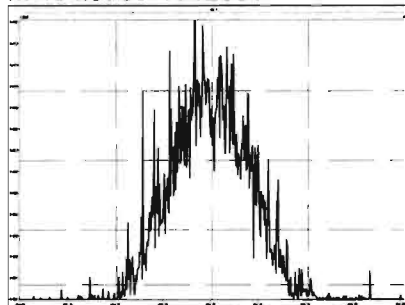
M 442.9728 R 12857



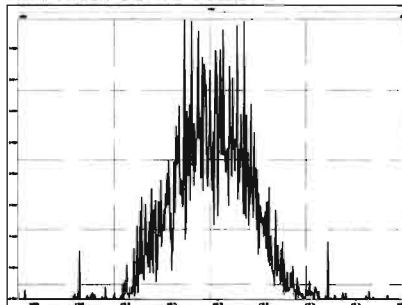
M 454.9728 R 12723



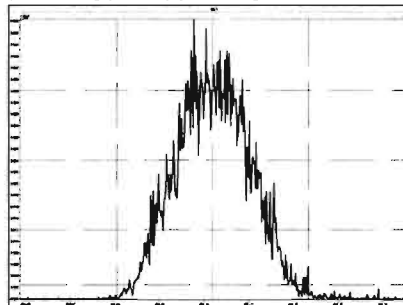
M 404.9760 R 12531



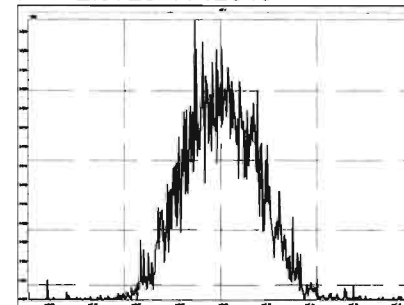
M 416.9760 R 13227



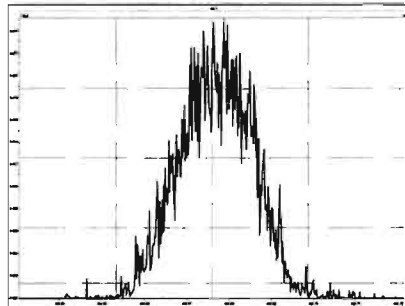
M 430.9728 R 11709



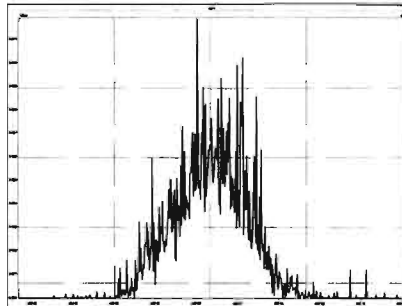
M 442.9728 R 12646



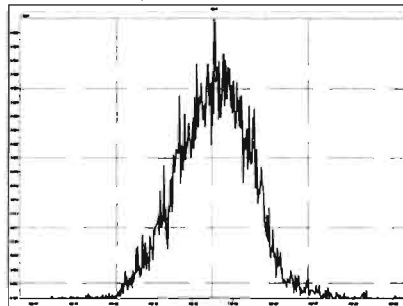
M 454.9728 R 11998



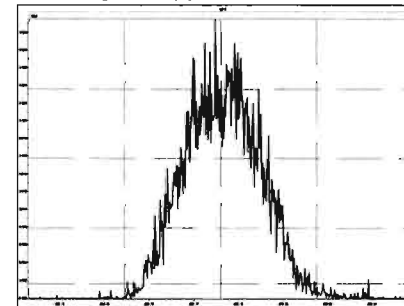
M 466.9728 R 13778



M 480.9696 R 11874

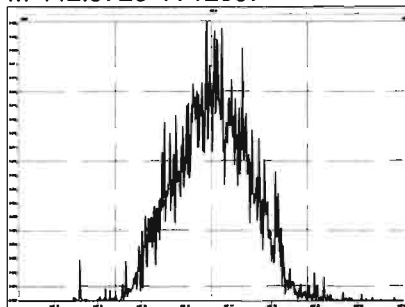


M 430.9728 R 12122

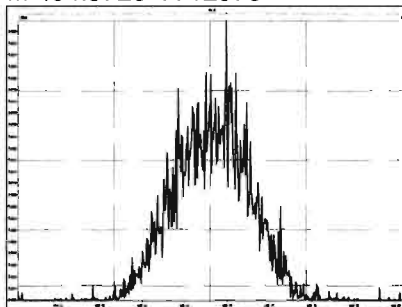


Printed: Wednesday, June 03, 2020 03:02:54 Pacific Daylight Time

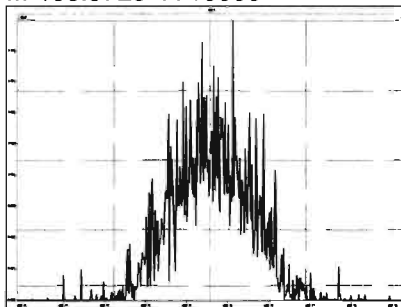
M 442.9728 R 12537



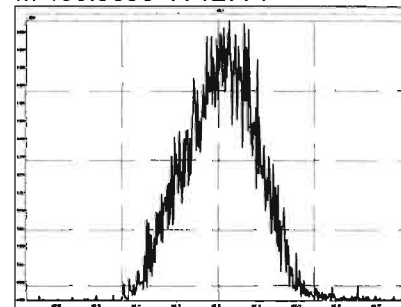
M 454.9728 R 12078



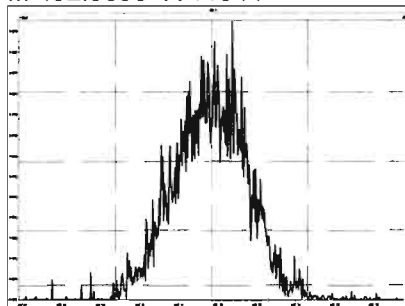
M 466.9728 R 13333



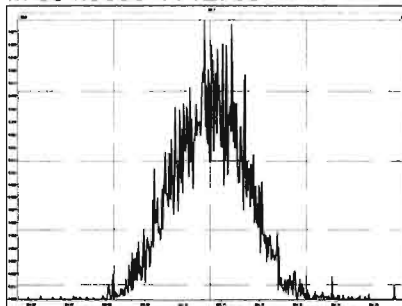
M 480.9696 R 12771



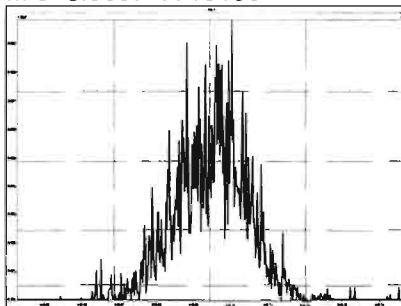
M 492.9696 R 11944



M 504.9696 R 12705



M 516.9697 R 15186



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200501DZ-1

Reviewed By: CT 05/04/2020
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 checked="" type="checkbox"/>	<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>DB</u>	<u> </u>
<u>Run Log:</u>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/> V
- Samples within 12 hour clock?	(Y)	N
- Bottle position verified?	<u>DB</u>	<u> </u>

	<u>Beg.</u>	<u>End</u>
Mass resolution \geq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 5k <input type="checkbox"/> 6-8K <input type="checkbox"/> 8K <input checked="" type="checkbox"/> 10K 1614 1699 429 1613/1668/8280		
Intergrated peaks display correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
GC Break <20%		<input type="checkbox"/> NA
<u>8280 CS1 End Standard:</u>		
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours		<input type="checkbox"/> NA

Comments:

Dataset: U:\VG7.PRO\Results\200501D2\200501D2_3.qld

Last Altered: Monday, May 04, 2020 09:45:12 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:46:10 Pacific Daylight Time

DB 5/4/20 CT 05/04/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200501D2_3, Date: 01-May-2020, Time: 23:35:35, ID: ST200501D2-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDF	5.00e3	0.78	NO	0.982	1.000	17.677	17.67	1.000	1.001	8.5059	85.1 <i>84-120</i>	0.352	8.51
2	2 13C-2,3,7,8-TCDF	5.98e4	0.79	NO	1.08	1.000	17.712	17.66	1.133	1.135	104.04	104 <i>71-140</i>	0.897	
3	3 13C-1,2,3,4-TCDF	5.31e4	0.77	NO	1.00	1.000	15.660	15.55	1.000	1.000	100.00	100	0.971	

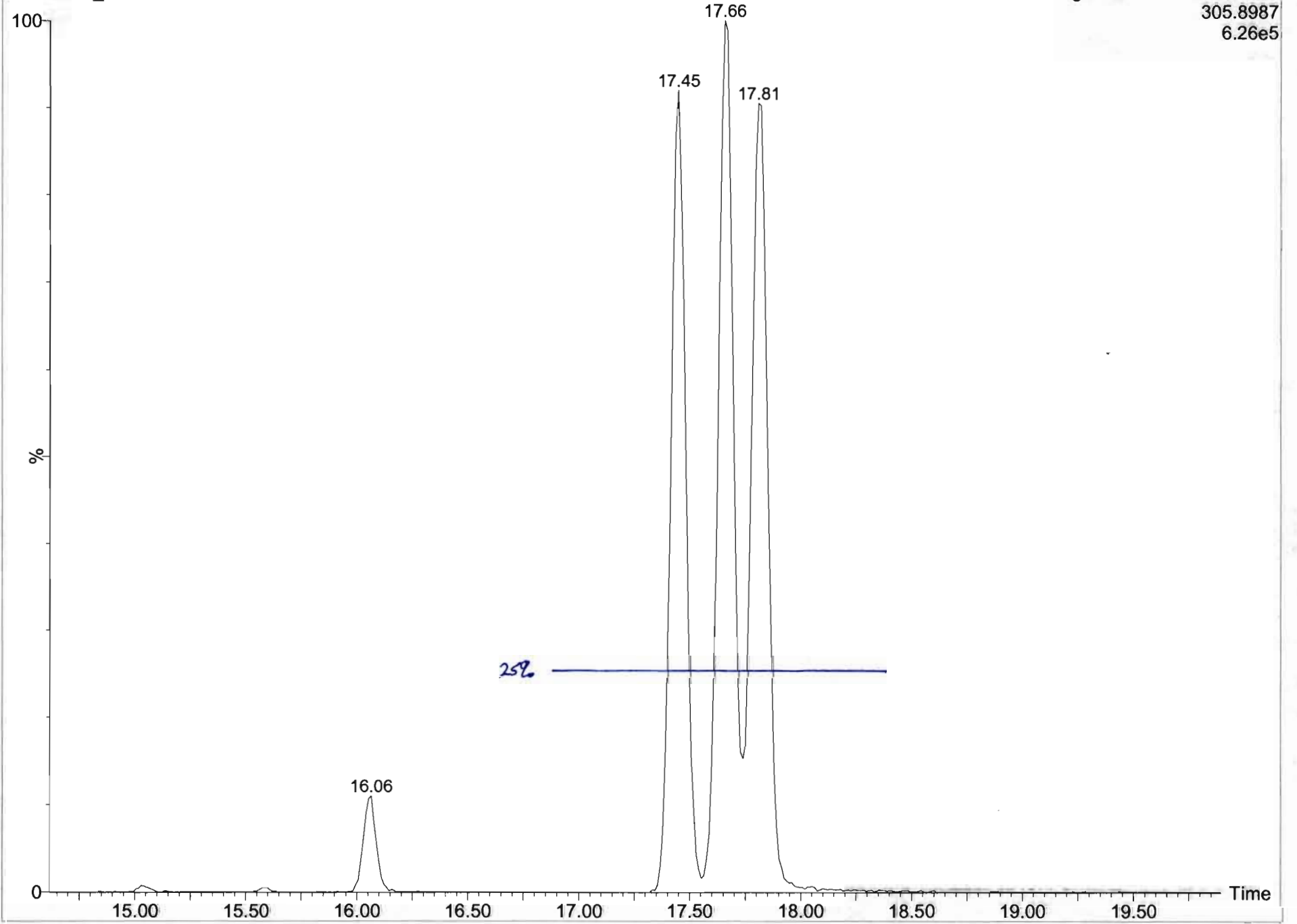
Dataset: Untitled

Last Altered: Monday, May 04, 2020 09:31:11 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:31:27 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Compound name: 2,3,7,8-TCDF

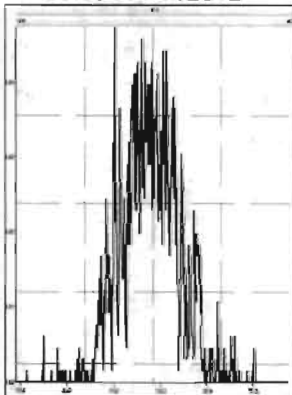
	Name	ID	Acq.Date	Acq.Time
1	200501D2_1	SOLVENT BLANK	01-May-20	22:33:39
2	200501D2_2	CP200501D2-1 DB-225 CPSM	01-May-20	23:03:50
3	200501D2_3	ST200501D2-1 1613 CS3 19L2305	01-May-20	23:35:35
4	200501D2_4	SOLVENT BLANK	02-May-20	00:07:18
5	200501D2_5	2000856-01RE1 PDI-076SC-A-07-08-191013 ...	02-May-20	00:38:57
6	200501D2_6	2000856-02RE1 PDI-077SC-A-03-04-191014 ...	02-May-20	01:10:39
7	200501D2_7	B0D0160-DUP1RE1 DUPLICATE	02-May-20	01:42:21
8	200501D2_8	2000856-03RE1 PDI-077SC-A-04-05-191014 ...	02-May-20	02:14:04



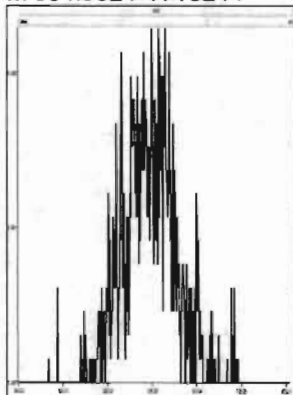
File: Experiment: tcdf_db225.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Friday, May 01, 2020 22:33:12 Pacific Daylight Time

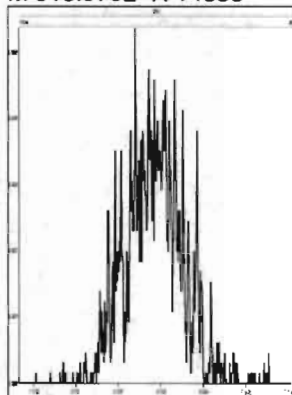
M 292.9824 R 12372



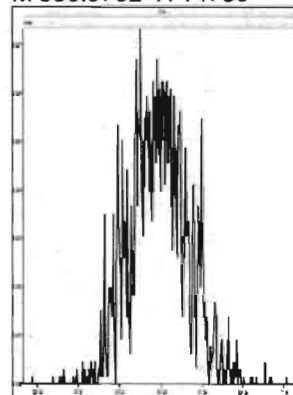
M 304.9824 R 15244



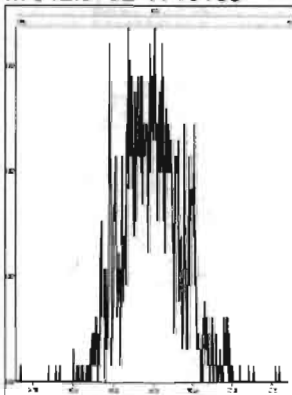
M 318.9792 R 14533



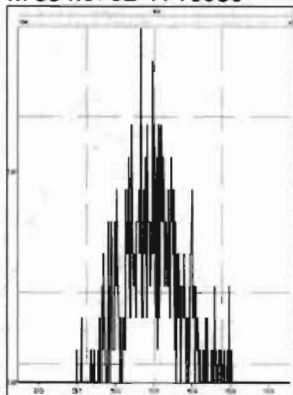
M 330.9792 R 14789



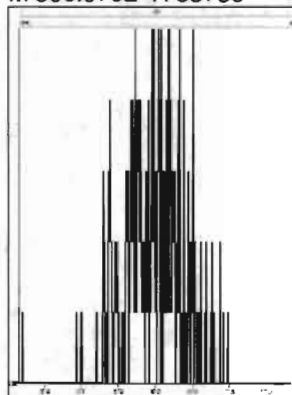
M 342.9792 R 13158



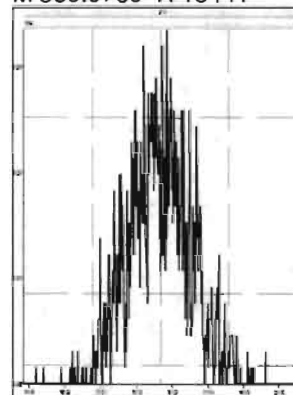
M 354.9792 R 16889



M 366.9792 R 33789



M 380.9760 R 13441



Dataset: U:\VG7.PRO\Results\200501D2\200501D2_2.qld

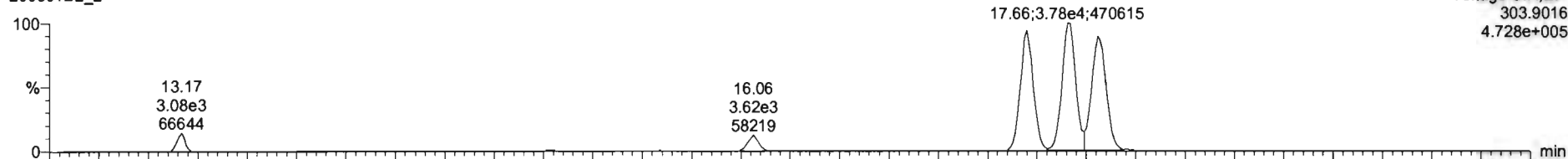
Last Altered: Monday, May 04, 2020 09:42:14 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:47:39 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

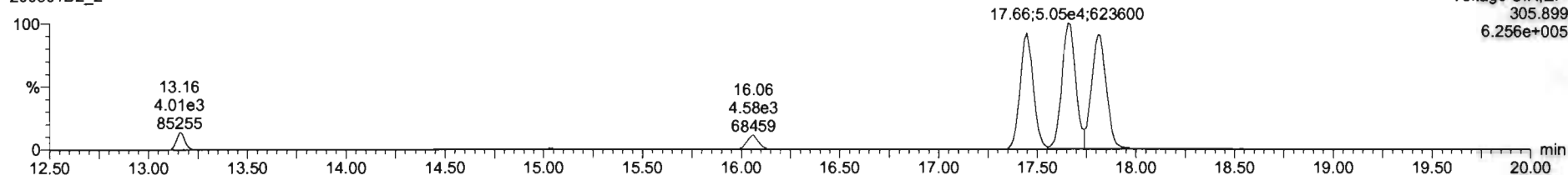
Name: 200501D2_2, Date: 01-May-2020, Time: 23:03:50, ID: CP200501D2-1 DB-225 CPSM, Description: DB-225 CPSM

2,3,7,8-TCDF

200501D2_2

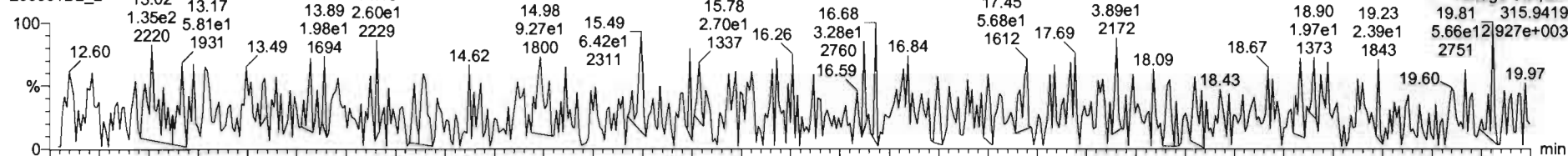


200501D2_2

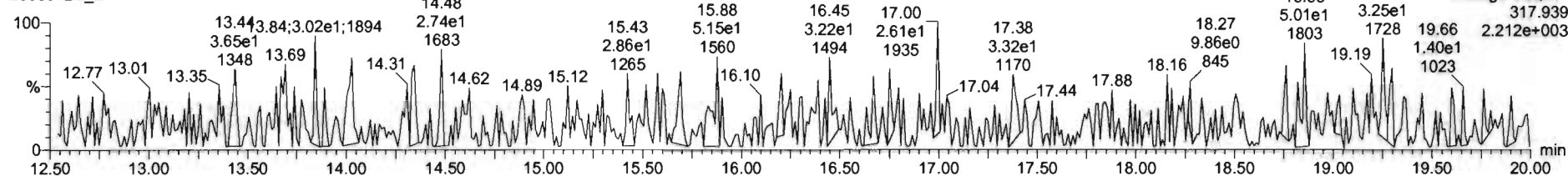


13C-2,3,7,8-TCDF

200501D2_2



200501D2_2

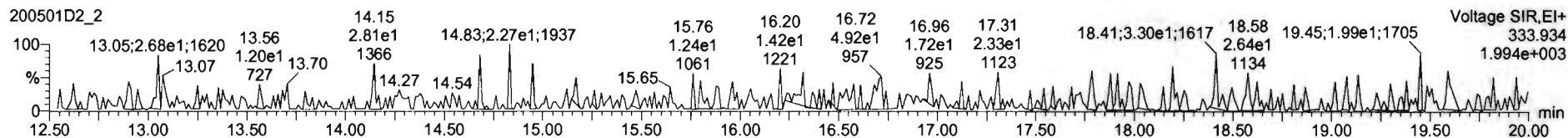
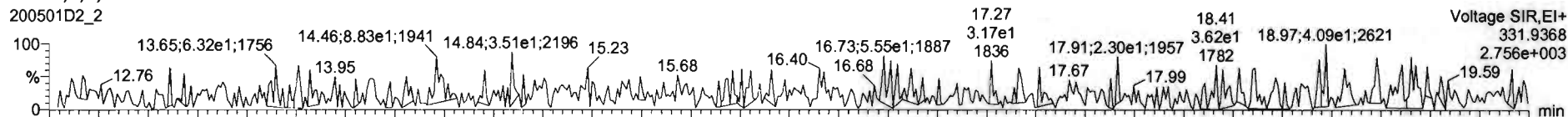


Dataset: U:\VG7.PRO\Results\200501D2\200501D2_2.qld

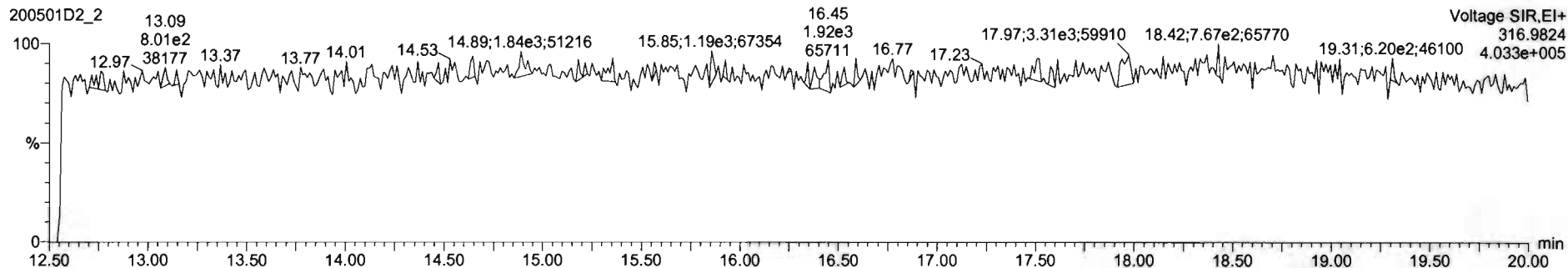
Last Altered: Monday, May 04, 2020 09:42:14 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:47:39 Pacific Daylight Time

Name: 200501D2_2, Date: 01-May-2020, Time: 23:03:50, ID: CP200501D2-1 DB-225 CPSM, Description: DB-225 CPSM

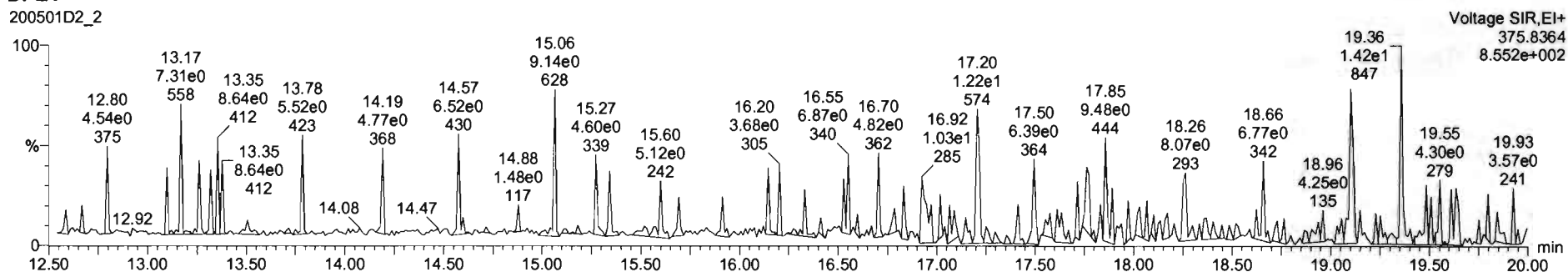
13C-1,2,3,4-TCDD



PFK1



DPE1



Dataset: U:\VG7.PRO\Results\200501D2\200501D2_3.qld

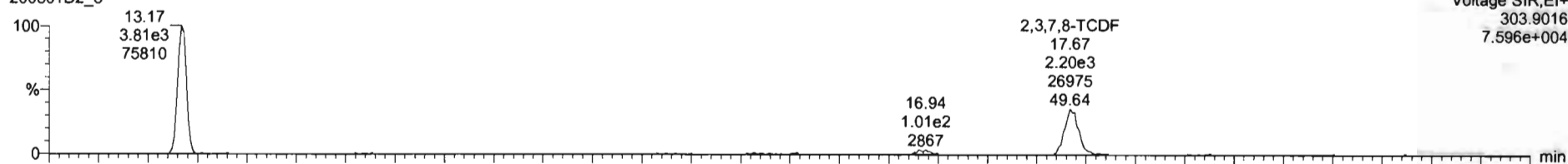
Last Altered: Monday, May 04, 2020 09:45:12 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:46:33 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

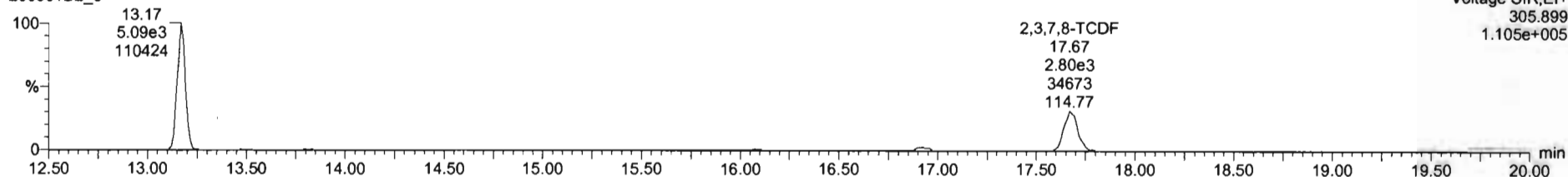
Name: 200501D2_3, Date: 01-May-2020, Time: 23:35:35, ID: ST200501D2-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDF

200501D2_3

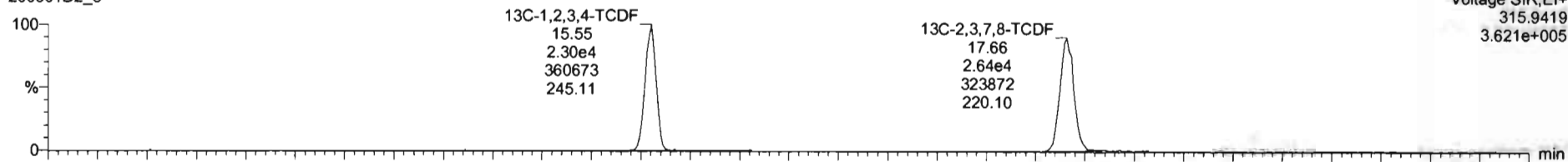


200501D2_3

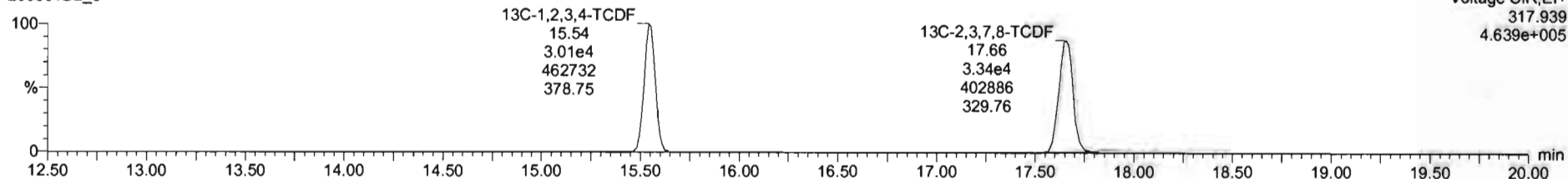


13C-2,3,7,8-TCDF

200501D2_3



200501D2_3



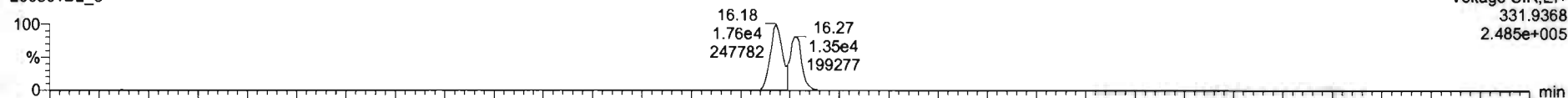
Dataset: U:\VG7.PRO\Results\200501D2\200501D2_3.qld

Last Altered: Monday, May 04, 2020 09:45:12 Pacific Daylight Time
Printed: Monday, May 04, 2020 09:46:33 Pacific Daylight Time

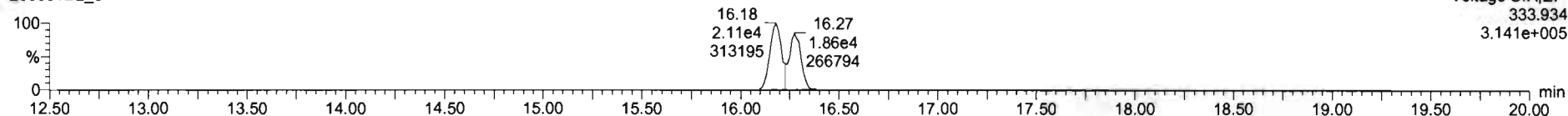
Name: 200501D2_3, Date: 01-May-2020, Time: 23:35:35, ID: ST200501D2-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200501D2_3

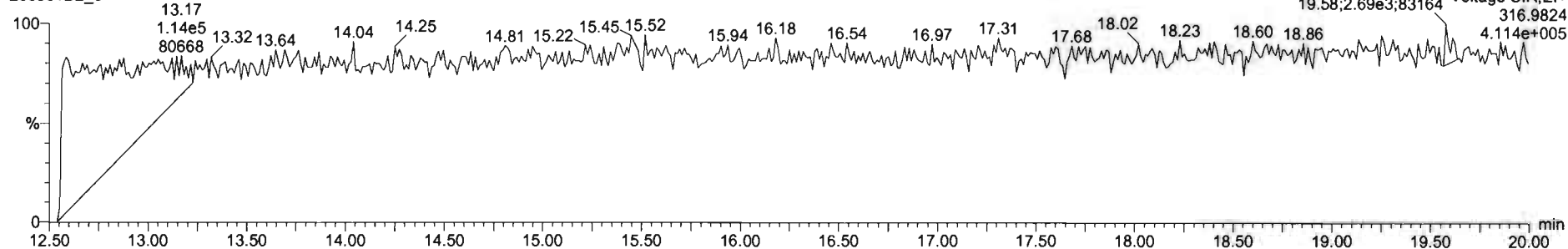


200501D2_3



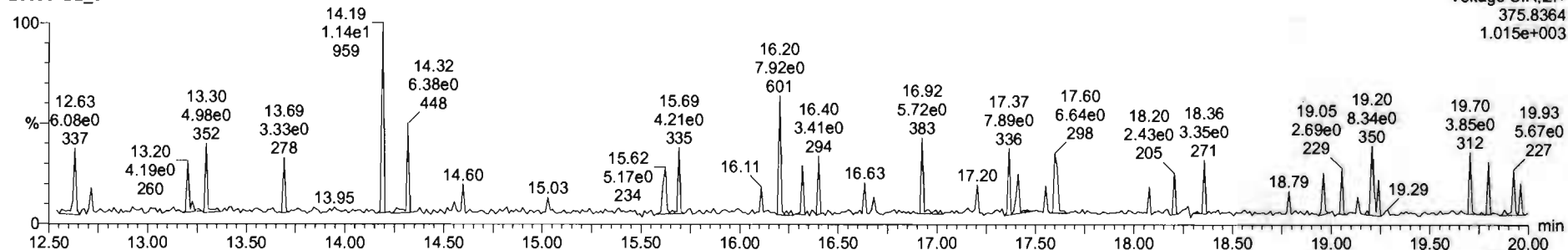
PFK1

200501D2_3



DPE1

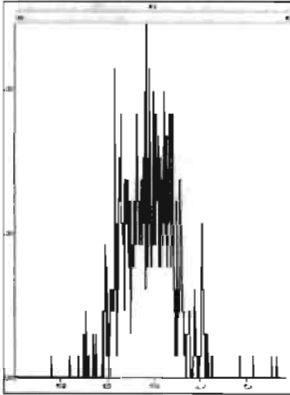
200501D2_3



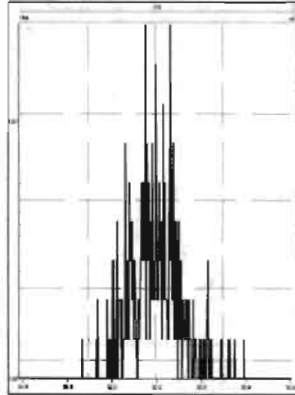
File: Experiment: tcdf_db225.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Saturday, May 02, 2020 02:47:24 Pacific Daylight Time

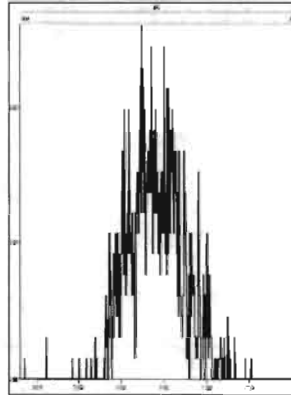
M 292.9824 R 14883



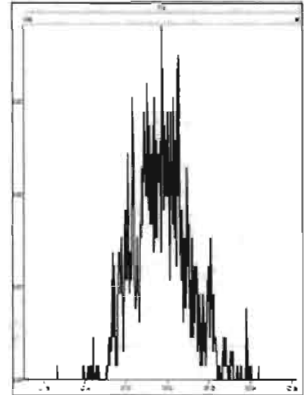
M 304.9824 R 18518



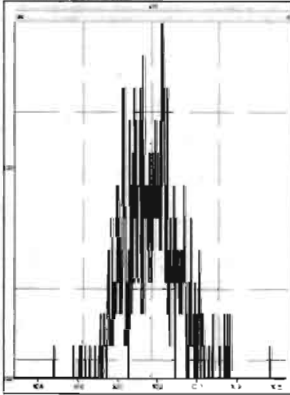
M 318.9792 R 17603



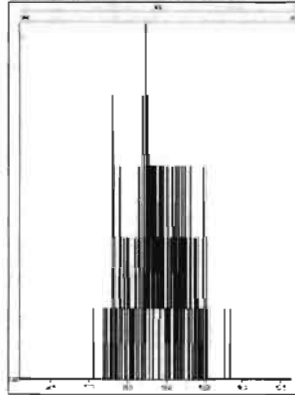
M 330.9792 R 12496



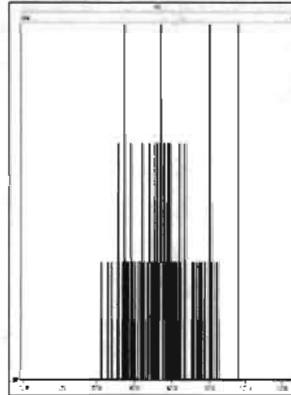
M 342.9792 R 14450



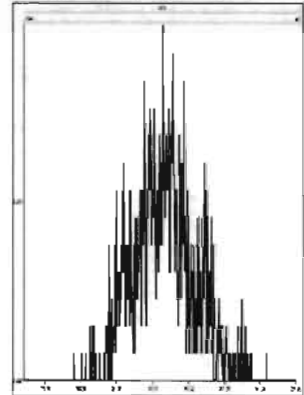
M 354.9792 R 24268



M 366.9792 R 55562



M 380.9760 R 13513



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200504D1-1

Reviewed By: CTG/6/5/2020
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 checked="" type="checkbox"/>	<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?	<input type="checkbox"/> DB	<input type="checkbox"/>
Run Log:		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/> V
- Samples within 12 hour clock?	<input type="checkbox"/> Y	<input type="checkbox"/> N
- Bottle position verified?	<input type="checkbox"/> DB	<input type="checkbox"/>

	<u>Beg.</u>	<u>End</u>
Mass resolution \geq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 5k <input type="checkbox"/> 6-8K <input type="checkbox"/> 8K <input checked="" type="checkbox"/> 10K 1614 1699 429 1613/1668/8280		
Intergrated peaks display correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
GC Break <20%		<input type="checkbox"/> NA
8280 CS1 End Standard:		
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours		<input type="checkbox"/> NA

Comments:

Dataset: U:\VG7.PRO\Results\200504D1\200504D1_2.qld

Last Altered: Monday, May 04, 2020 13:38:53 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:40:40 Pacific Daylight Time

DB 5/4/20 C705/05/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\ldb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

Name: 200504D1_2, Date: 04-May-2020, Time: 12:07:14, ID: ST200504D1-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.RRT	RRT	Conc.	%Rec	DL	EMPC
1	1 2,3,7,8-TCDF	3.04e3	0.74	NO	0.982	1.000	17.596	17.60	1.000	1.001	8.4053	84.184-120	0.390	8.41
2	2 13C-2,3,7,8-TCDF	3.69e4	0.78	NO	1.08	1.000	17.642	17.58	1.133	1.135	94.782	94.871-140	1.27	
3	3 13C-1,2,3,4-TCDF	3.59e4	0.73	NO	1.00	1.000	15.660	15.48	1.000	1.000	100.00	100	1.37	

Dataset: Untitled

Last Altered: Tuesday, May 05, 2020 09:44:06 Pacific Daylight Time

Printed: Tuesday, May 05, 2020 09:44:22 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

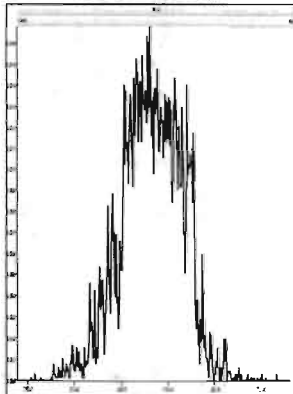
Compound name: 2,3,7,8-TCDF

	Name	ID	Acq.Date	Acq.Time
1	200504D1_1	CP200504D1-1 DB-225 CPSM	04-May-20	11:23:40
2	200504D1_2	ST200504D1-1 1613 CS3 19L2305	04-May-20	12:07:14
3	200504D1_3	SOLVENT BLANK	04-May-20	12:37:24
4	200504D1_4	2000856-04RE1 PDI-077SC-A-05-06-191014 ...	04-May-20	13:09:10
5	200504D1_5	2000856-05RE1 PDI-077SC-A-06-07-191014 ...	04-May-20	13:40:50
6	200504D1_6	2000856-06RE1 PDI-077SC-A-07-08-191014 18	04-May-20	14:12:33
7	200504D1_7	2000856-07RE1 PDI-077SC-A-08-09-191014 ...	04-May-20	14:44:15
8	200504D1_8	2000856-08RE1 PDI-077SC-A-09-10-191014 ...	04-May-20	15:15:58
9	200504D1_9	2000856-09RE1 PDI-077SC-A-10-11-191014 ...	04-May-20	15:47:41
10	200504D1_10	2000856-10RE1 PDI-077SC-A-11-12-191014 ...	04-May-20	16:19:19
11	200504D1_11	2000855-01RE1 PDI-047SC-A-04-05-191001 ...	04-May-20	16:51:30
12	200504D1_12	B0D0167-DUP1RE1 DUPLICATE	04-May-20	17:23:11
13	200504D1_13	2000855-02RE1 PDI-047SC-A-05-06-191001 ...	04-May-20	17:54:53
14	200504D1_14	2000855-03RE1 PDI-047SC-A-06-07-191001 ...	04-May-20	18:26:33
15	200504D1_15	2000855-04RE1 PDI-047SC-A-07-08-191001 ...	04-May-20	18:58:16
16	200504D1_16	2000855-05RE1 PDI-049SC-A-08-09-191015 ...	04-May-20	19:30:03
17	200504D1_17	2000855-06RE1 PDI-049SC-A-09-10-191015 ...	04-May-20	20:01:41
18	200504D1_18	2000855-07RE1 PDI-049SC-A-10-11-191015 ...	04-May-20	20:33:25
19	200504D1_19	2000855-08RE1 PDI-049SC-A-11-12-191015 ...	04-May-20	21:05:08
20	200504D1_20	2000855-09RE1 PDI-057SC-A-09-10-191023 ...	04-May-20	21:36:51
21	200504D1_21	2000855-10RE1 PDI-057SC-A-10-11-191023 ...	04-May-20	22:08:34
22	200504D1_22	2000855-11RE1 PDI-057SC-A-11-12-191023 ...	04-May-20	22:40:15
23	200504D1_23	2000855-12RE1 PDI-057SC-A-12-13-191023 ...	04-May-20	23:11:57

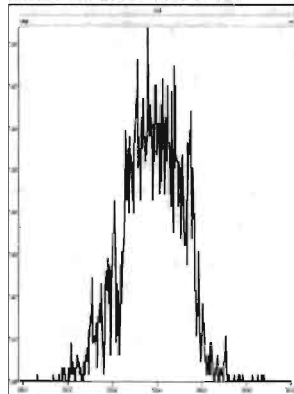
File: Experiment: tcdf_db225.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, May 04, 2020 11:22:48 Pacific Daylight Time

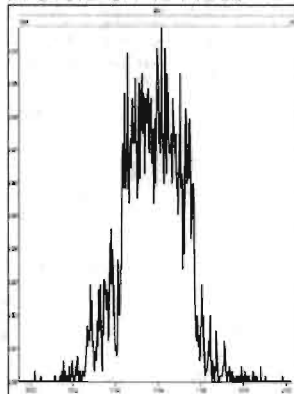
M 292.9824 R 11009



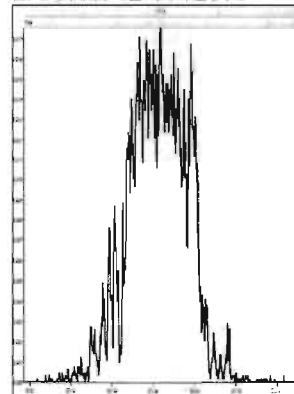
M 304.9824 R 13221



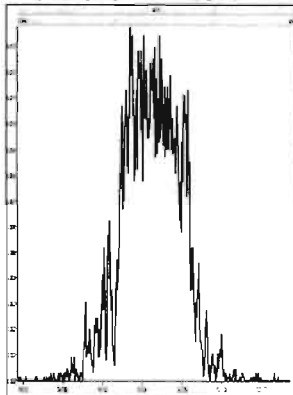
M 318.9792 R 11368



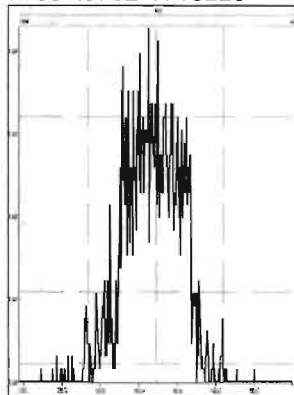
M 330.9792 R 12379



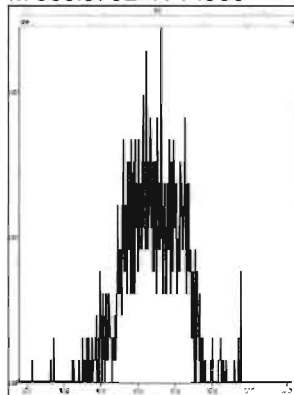
M 342.9792 R 12377



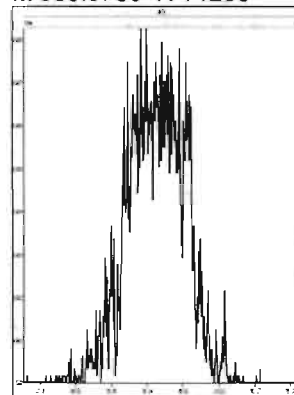
M 354.9792 R 13226

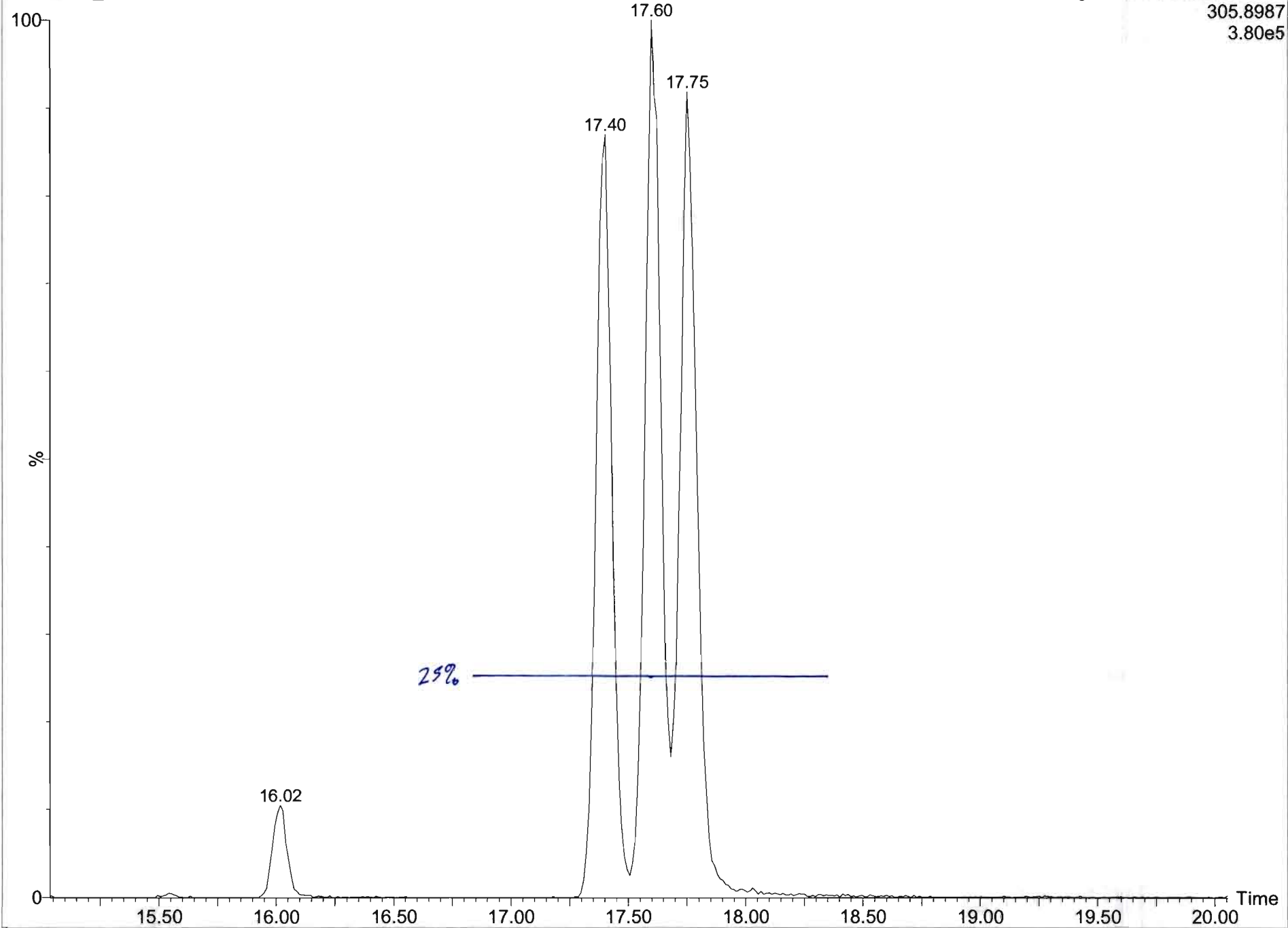


M 366.9792 R 14966



M 380.9760 R 14286





Dataset: U:\VG7.PRO\Results\200504D1\200504D1_1.qld

Last Altered: Monday, May 04, 2020 13:37:25 Pacific Daylight Time

Printed: Monday, May 04, 2020 13:38:43 Pacific Daylight Time

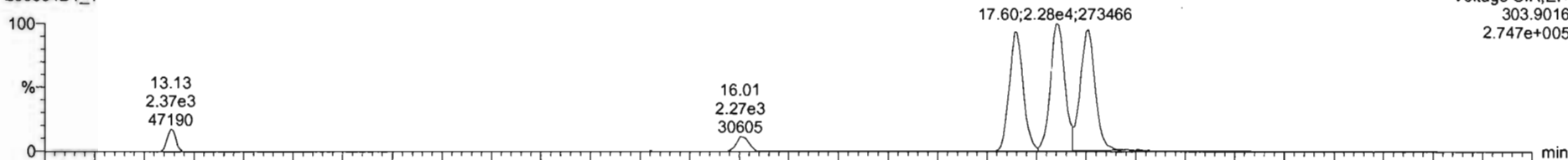
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19

Calibration: U:\VG7.PRO\CurveDB\ldb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

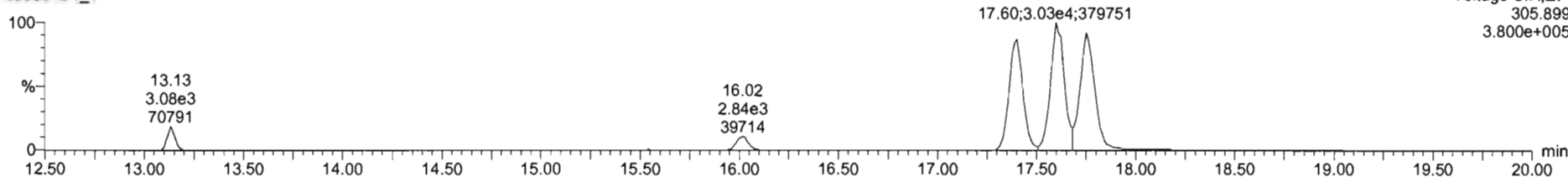
Name: 200504D1_1, Date: 04-May-2020, Time: 11:23:40, ID: CP200504D1-1 DB-225 CPSM, Description: DB-225 CPSM

2,3,7,8-TCDF

200504D1_1

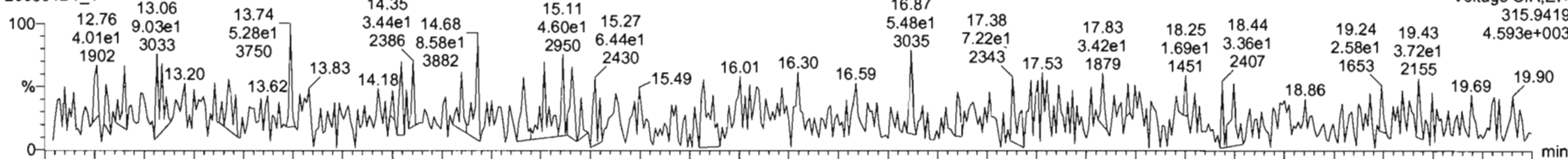


200504D1_1

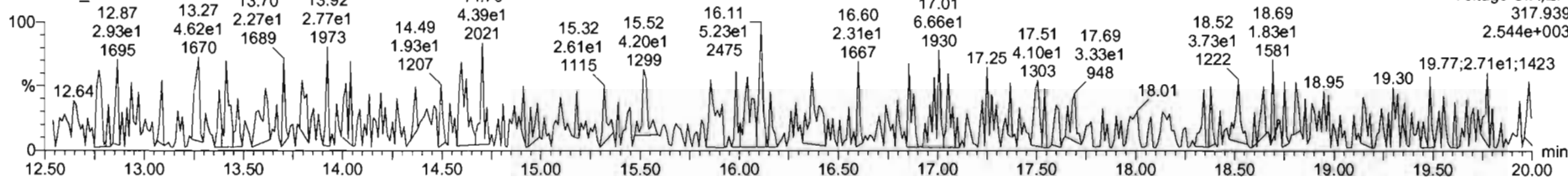


13C-2,3,7,8-TCDF

200504D1_1



200504D1_1

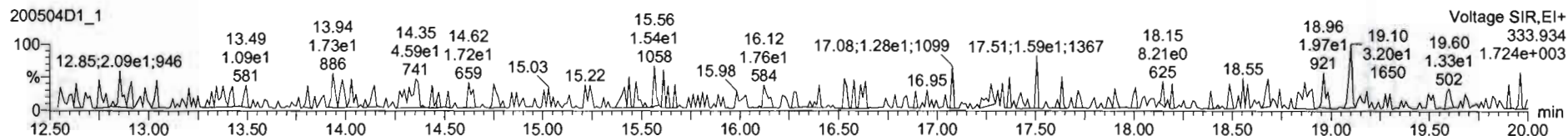
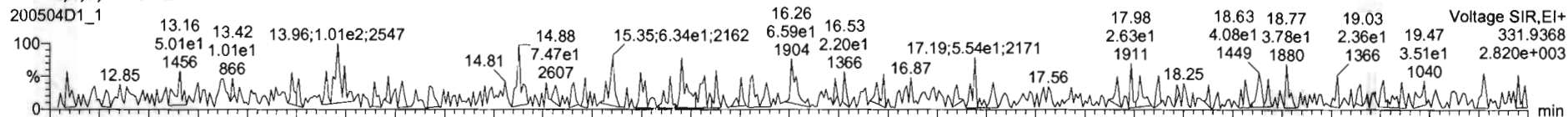


Dataset: U:\VG7.PRO\Results\200504D1\200504D1_1.qld

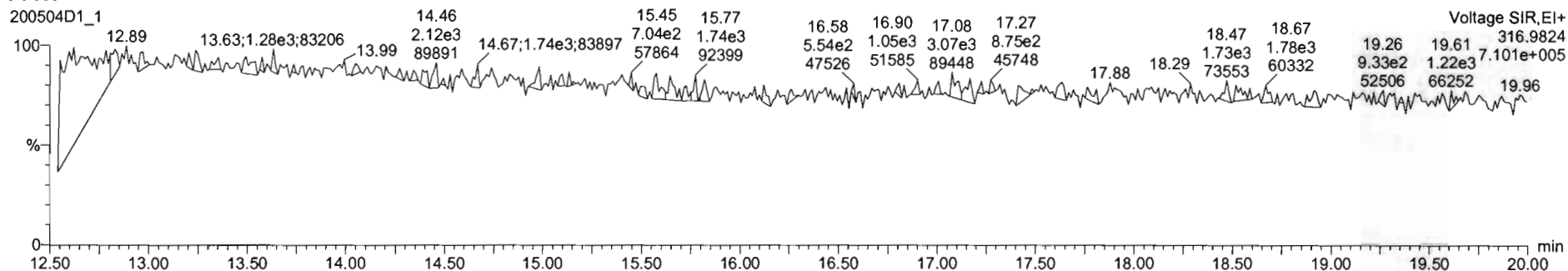
Last Altered: Monday, May 04, 2020 13:37:25 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:38:43 Pacific Daylight Time

Name: 200504D1_1, Date: 04-May-2020, Time: 11:23:40, ID: CP200504D1-1 DB-225 CPSM, Description: DB-225 CPSM

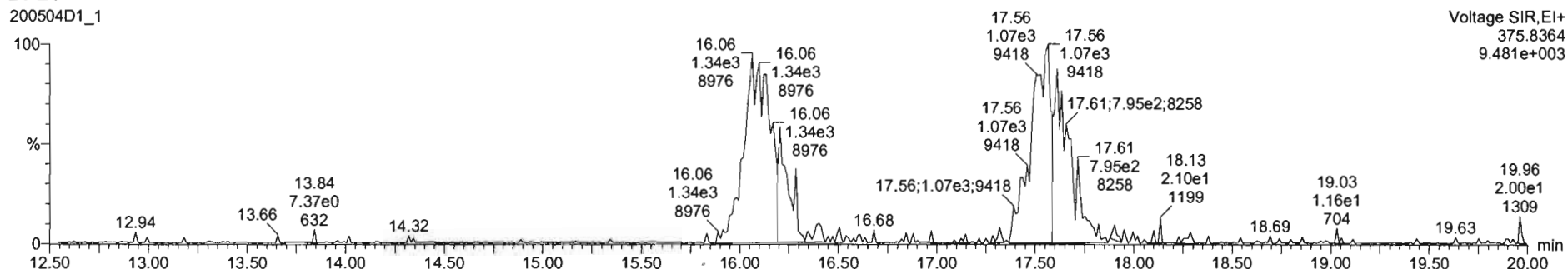
13C-1,2,3,4-TCDD



PFK1



DPE1



Dataset: U:\VG7.PRO\Results\200504D1\200504D1_2.qld

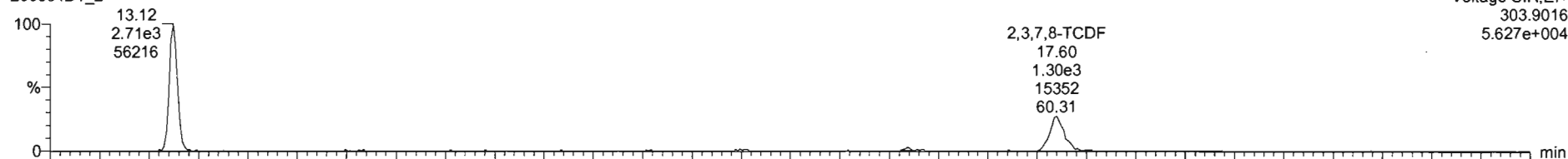
Last Altered: Monday, May 04, 2020 13:38:53 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:40:57 Pacific Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 23 Mar 2020 11:10:19
Calibration: U:\VG7.PRO\CurveDB\ldb-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 11:17:56

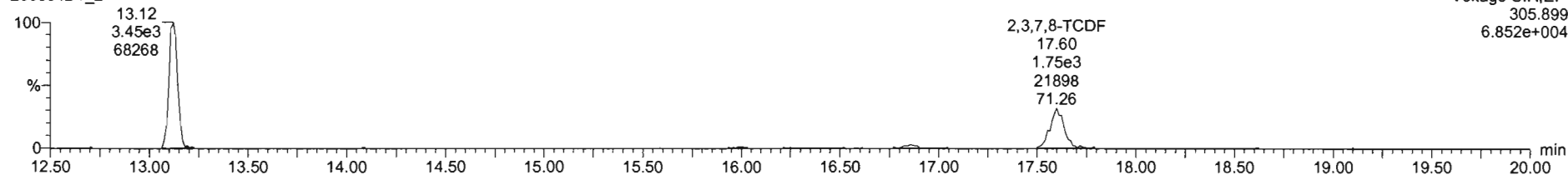
Name: 200504D1_2, Date: 04-May-2020, Time: 12:07:14, ID: ST200504D1-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDF

200504D1_2

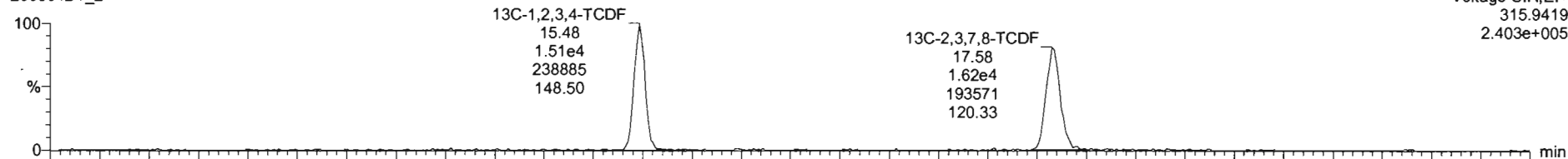


200504D1_2

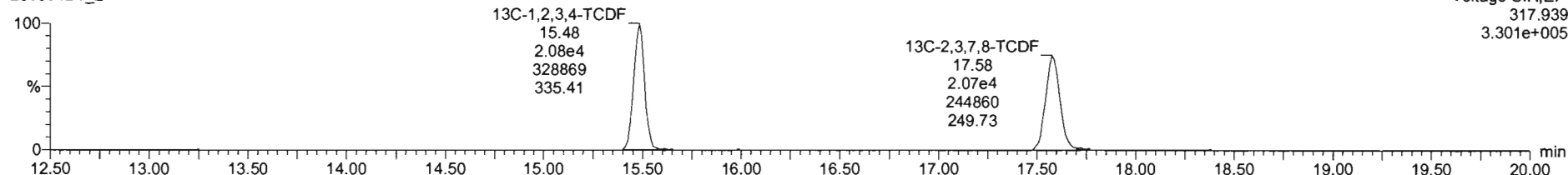


13C-2,3,7,8-TCDF

200504D1_2



200504D1_2



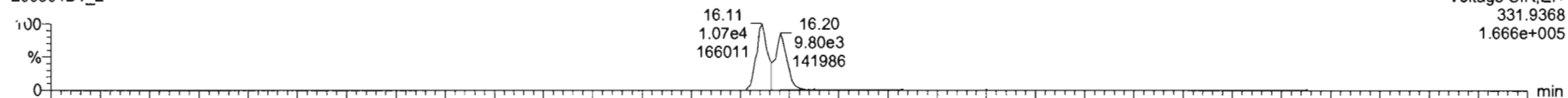
Dataset: U:\VG7.PRO\Results\200504D1\200504D1_2.qld

Last Altered: Monday, May 04, 2020 13:38:53 Pacific Daylight Time
Printed: Monday, May 04, 2020 13:40:57 Pacific Daylight Time

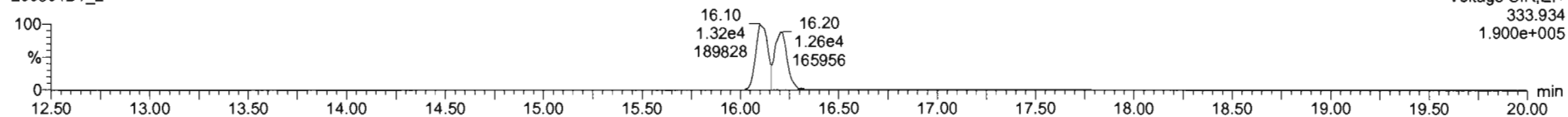
Name: 200504D1_2, Date: 04-May-2020, Time: 12:07:14, ID: ST200504D1-1 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200504D1_2

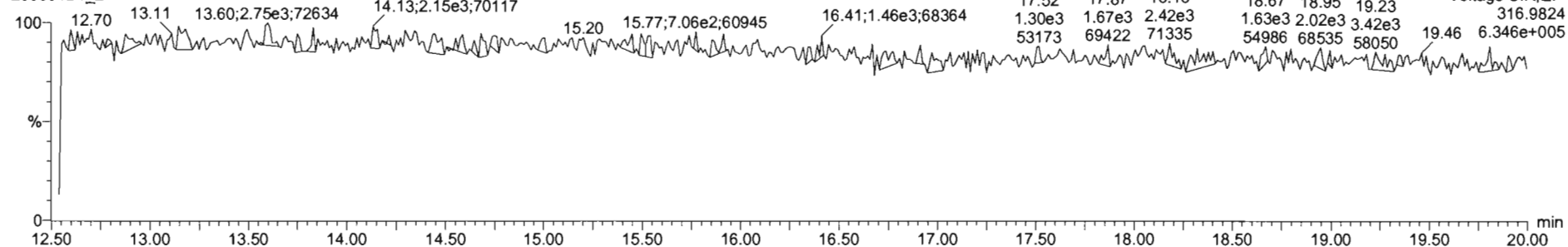


200504D1_2



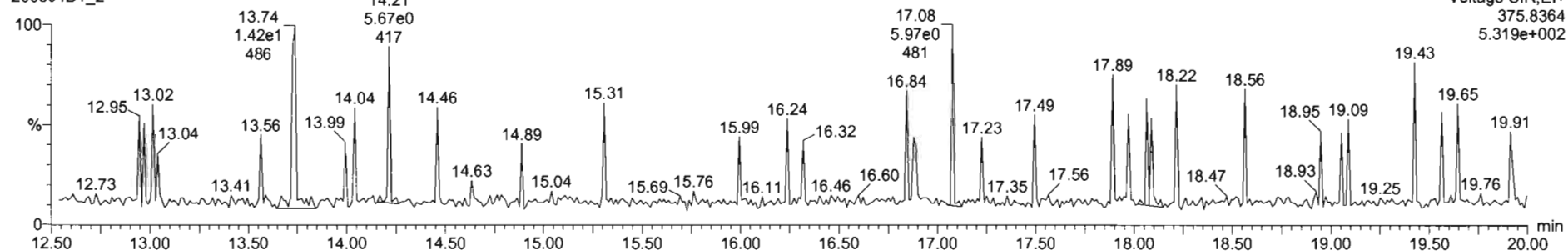
PFK1

200504D1_2



DPE1

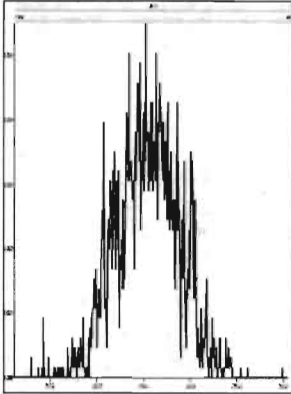
200504D1_2



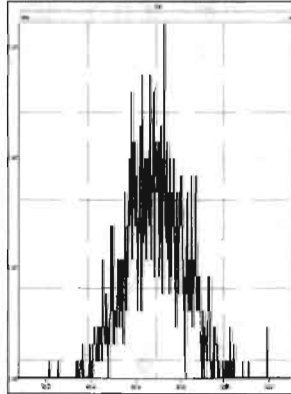
File: Experiment: tcdf_db225.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, May 04, 2020 23:45:27 Pacific Daylight Time

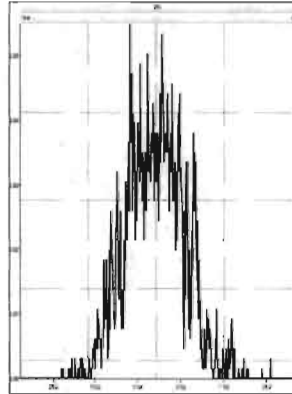
M 292.9824 R 11418



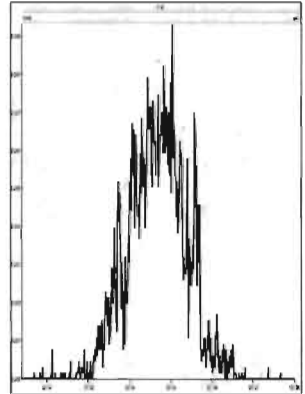
M 304.9824 R 12255



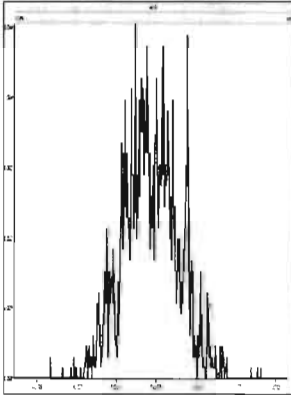
M 318.9792 R 11210



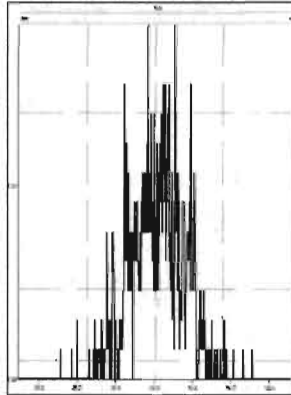
M 330.9792 R 12080



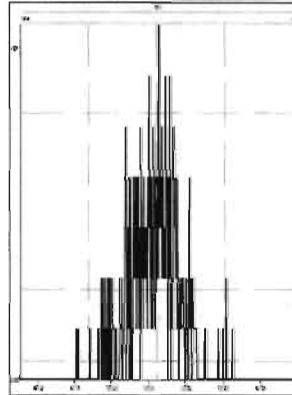
M 342.9792 R 12020



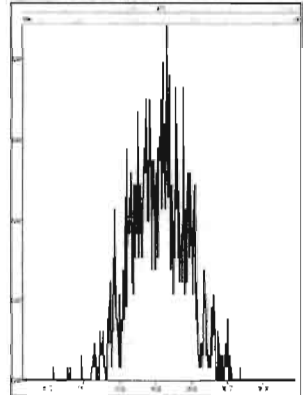
M 354.9792 R 15922



M 366.9792 R 29755



M 380.9760 R 12627



INITIAL CALIBRATION

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

GRB 05/29/2020

CI 05/29/2020

Method: U:\VG12.PRO\MethDB\1613rrt-05-26-20.mdb 26 May 2020 10:34:17
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Compound name: 2,3,7,8-TCDD

Response Factor: 0.88831
RRF SD: 0.0677802, Relative SD: 7.63025
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	200528R2_1	0.250	0.68	NO	26.54	1.000	2.70e3	1.43e6	0.213	-14.8	0.757	bb
2	200528R2_2	0.500	0.78	NO	26.57	1.001	5.69e3	1.29e6	0.497	-0.6	0.883	bb
3	200528R2_3	2.00	0.80	NO	26.57	1.001	2.40e4	1.31e6	2.06	3.1	0.916	bb
4	200528R2_4	40.0	0.78	NO	26.56	1.001	5.50e5	1.50e6	41.2	3.0	0.915	bb
5	200528R2_5	300	0.78	NO	26.59	1.001	4.32e6	1.52e6	321	6.9	0.949	bb
6	200528R2_6	10.0	0.81	NO	26.59	1.001	1.06e5	1.16e6	10.2	2.4	0.910	dd

Compound name: 1,2,3,7,8-PeCDD

Response Factor: 0.908065
RRF SD: 0.0455724, Relative SD: 5.01862
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	200528R2_1	1.25	0.66	NO	31.50	1.000	1.03e4	1.00e6	1.12	-10.0	0.817	bb
2	200528R2_2	2.50	0.64	NO	31.51	1.000	2.12e4	9.36e5	2.50	-0.1	0.908	bb
3	200528R2_3	10.0	0.63	NO	31.51	1.000	8.60e4	9.29e5	10.2	1.9	0.926	bb
4	200528R2_4	200	0.63	NO	31.51	1.000	2.06e6	1.11e6	205	2.4	0.930	bb
5	200528R2_5	1500	0.63	NO	31.51	1.000	1.69e7	1.21e6	1550	3.0	0.935	bb
6	200528R2_6	50.0	0.62	NO	31.53	1.001	3.95e5	8.48e5	51.3	2.7	0.932	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 1,2,3,4,7,8-HxCDD

Response Factor: 1.03343

RRF SD: 0.0545572, Relative SD: 5.27925

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	200528R2_1	1.25	1.27	NO	34.86	1.000	8.03e3	6.95e5	1.12	-10.6	0.924	MM
2	200528R2_2	2.50	1.27	NO	34.88	1.000	1.69e4	6.46e5	2.53	1.2	1.05	bd
3	200528R2_3	10.0	1.24	NO	34.88	1.000	6.94e4	6.61e5	10.2	1.6	1.05	bd
4	200528R2_4	200	1.23	NO	34.88	1.001	1.67e6	7.89e5	204	2.1	1.06	MM
5	200528R2_5	1500	1.23	NO	34.88	1.000	1.47e7	9.34e5	1520	1.5	1.05	bd
6	200528R2_6	50.0	1.23	NO	34.89	1.000	3.25e5	6.04e5	52.1	4.1	1.08	bd

Compound name: 1,2,3,6,7,8-HxCDD

Response Factor: 0.892293

RRF SD: 0.0561127, Relative SD: 6.28859

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	200528R2_1	1.25	1.23	NO	34.97	1.001	9.27e3	9.27e5	1.12	-10.3	0.800	db
2	200528R2_2	2.50	1.25	NO	34.99	1.001	1.90e4	8.61e5	2.47	-1.1	0.883	db
3	200528R2_3	10.0	1.24	NO	34.99	1.000	8.01e4	8.39e5	10.7	7.0	0.954	db
4	200528R2_4	200	1.22	NO	34.99	1.001	1.92e6	1.03e6	209	4.3	0.931	MM
5	200528R2_5	1500	1.23	NO	34.99	1.000	1.61e7	1.17e6	1550	3.5	0.923	db
6	200528R2_6	50.0	1.24	NO	35.00	1.001	3.51e5	8.15e5	48.3	-3.4	0.862	db

Compound name: 1,2,3,7,8,9-HxCDD

Response Factor: 0.886936

RRF SD: 0.0582559, Relative SD: 6.56822

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	200528R2_1	1.25	1.20	NO	35.25	1.000	8.14e3	8.33e5	1.10	-11.9	0.782	bb
2	200528R2_2	2.50	1.21	NO	35.27	1.001	1.62e4	7.48e5	2.44	-2.3	0.866	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	10.0	1.26	NO	35.26	1.000	7.01e4	7.53e5	10.5	4.9	0.931	bb
4	200528R2_4	200	1.20	NO	35.26	1.000	1.70e6	9.12e5	210	4.9	0.931	bb
5	200528R2_5	1500	1.22	NO	35.27	1.000	1.47e7	1.06e6	1570	4.5	0.927	bb
6	200528R2_6	50.0	1.24	NO	35.27	1.000	3.12e5	7.05e5	49.9	-0.2	0.886	bb

Compound name: 1,2,3,4,6,7,8-HpCDD

Response Factor: 0.863903

RRF SD: 0.0694586, Relative SD: 8.04009

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	200528R2_1	1.25	0.99	NO	38.78	1.000	6.10e3	6.48e5	1.09	-12.8	0.753	MM
2	200528R2_2	2.50	1.05	NO	38.81	1.001	1.21e4	6.01e5	2.33	-6.7	0.806	bb
3	200528R2_3	10.0	1.03	NO	38.80	1.000	4.99e4	5.57e5	10.4	3.7	0.896	bd
4	200528R2_4	200	1.02	NO	38.80	1.000	1.25e6	6.86e5	211	5.5	0.911	bb
5	200528R2_5	1500	1.01	NO	38.81	1.000	1.15e7	8.18e5	1620	8.0	0.933	bb
6	200528R2_6	50.0	1.03	NO	38.81	1.000	2.29e5	5.18e5	51.2	2.4	0.884	MM

Compound name: OCDD

Response Factor: 0.913637

RRF SD: 0.0452527, Relative SD: 4.95303

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	200528R2_1	2.50	0.85	NO	41.76	1.000	1.23e4	1.18e6	2.27	-9.1	0.831	bd
2	200528R2_2	5.00	0.83	NO	41.77	1.000	2.39e4	1.05e6	4.97	-0.6	0.908	bd
3	200528R2_3	20.0	0.89	NO	41.78	1.000	9.89e4	1.03e6	21.0	4.9	0.959	MM
4	200528R2_4	400	0.87	NO	41.77	1.000	2.45e6	1.35e6	397	-0.6	0.908	MM
5	200528R2_5	3000	0.84	NO	41.79	1.000	2.37e7	1.67e6	3100	3.2	0.943	MM
6	200528R2_6	100	0.88	NO	41.78	1.000	4.53e5	9.71e5	102	2.2	0.933	MM

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 2,3,7,8-TCDF

Response Factor: 0.75098

RF SD: 0.0524401, Relative SD: 6.98288

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	200528R2_1	0.250	0.73	NO	25.67	1.001	3.27e3	1.95e6	0.223	-10.9	0.669	bb
2	200528R2_2	0.500	0.75	NO	25.67	1.001	6.53e3	1.78e6	0.488	-2.3	0.733	bb
3	200528R2_3	2.00	0.74	NO	25.68	1.001	2.67e4	1.80e6	1.97	-1.4	0.740	bb
4	200528R2_4	40.0	0.76	NO	25.68	1.001	6.52e5	2.04e6	42.6	6.5	0.800	bb
5	200528R2_5	300	0.75	NO	25.69	1.001	5.00e6	2.04e6	326	8.6	0.816	bb
6	200528R2_6	10.0	0.74	NO	25.69	1.001	1.19e5	1.59e6	9.96	-0.4	0.748	bb

Compound name: 1,2,3,7,8-PeCDF

Response Factor: 0.892531

RRF SD: 0.0599961, Relative SD: 6.72201

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	200528R2_1	1.25	1.61	NO	30.20	1.000	1.46e4	1.50e6	1.09	-12.9	0.777	bb
2	200528R2_2	2.50	1.55	NO	30.23	1.000	3.08e4	1.37e6	2.52	0.8	0.900	bd
3	200528R2_3	10.0	1.55	NO	30.23	1.000	1.31e5	1.38e6	10.7	7.0	0.955	bb
4	200528R2_4	200	1.54	NO	30.23	1.000	2.94e6	1.63e6	203	1.4	0.905	bb
5	200528R2_5	1500	1.54	NO	30.23	1.000	2.38e7	1.75e6	1520	1.3	0.904	bb
6	200528R2_6	50.0	1.57	NO	30.25	1.000	5.72e5	1.25e6	51.2	2.5	0.915	bb

Compound name: 2,3,4,7,8-PeCDF

Response Factor: 0.934777

RRF SD: 0.0507076, Relative SD: 5.42456

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	200528R2_1	1.25	1.56	NO	31.19	1.000	1.48e4	1.42e6	1.12	-10.8	0.834	bb
2	200528R2_2	2.50	1.55	NO	31.21	1.000	3.19e4	1.35e6	2.52	0.8	0.943	bd

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
 Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	10.0	1.55	NO	31.21	1.000	1.34e5	1.38e6	10.4	3.7	0.969	bb
4	200528R2_4	200	1.54	NO	31.21	1.000	3.00e6	1.57e6	204	2.2	0.955	bb
5	200528R2_5	1500	1.53	NO	31.21	1.000	2.45e7	1.69e6	1550	3.4	0.967	bb
6	200528R2_6	50.0	1.57	NO	31.22	1.000	5.81e5	1.24e6	50.3	0.7	0.941	bb

Compound name: 1,2,3,4,7,8-HxCDF

Response Factor: 0.884459
 RRF SD: 0.0674086, Relative SD: 7.62145
 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	200528R2_1	1.25	1.25	NO	33.99	1.001	8.98e3	9.42e5	1.08	-13.8	0.762	bd
2	200528R2_2	2.50	1.19	NO	33.99	1.000	1.81e4	8.49e5	2.41	-3.7	0.852	bd
3	200528R2_3	10.0	1.22	NO	34.01	1.001	7.91e4	8.47e5	10.6	5.6	0.934	bd
4	200528R2_4	200	1.18	NO	33.99	1.000	1.87e6	1.02e6	208	3.9	0.919	bd
5	200528R2_5	1500	1.19	NO	34.01	1.000	1.61e7	1.15e6	1590	5.8	0.936	bd
6	200528R2_6	50.0	1.21	NO	34.01	1.000	3.56e5	7.87e5	51.1	2.2	0.904	bd

Compound name: 1,2,3,6,7,8-HxCDF

Response Factor: 0.889174
 RRF SD: 0.0479606, Relative SD: 5.39384
 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	200528R2_1	1.25	1.16	NO	34.11	1.001	1.07e4	1.07e6	1.12	-10.7	0.794	MM
2	200528R2_2	2.50	1.25	NO	34.12	1.000	2.16e4	9.70e5	2.50	0.1	0.890	MM
3	200528R2_3	10.0	1.28	NO	34.12	1.000	9.20e4	1.01e6	10.3	2.7	0.914	MM
4	200528R2_4	200	1.18	NO	34.12	1.001	2.16e6	1.18e6	206	2.8	0.914	db
5	200528R2_5	1500	1.19	NO	34.12	1.000	1.80e7	1.33e6	1520	1.2	0.900	db
6	200528R2_6	50.0	1.25	NO	34.13	1.000	4.22e5	9.14e5	51.9	3.8	0.923	MM

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
 Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 2,3,4,6,7,8-HxCDF

Response Factor: 0.934102
 RRF SD: 0.0631666, Relative SD: 6.76228
 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	200528R2_1	1.25	1.09	NO	34.70	1.001	9.51e3	9.22e5	1.10	-11.7	0.825	bb
2	200528R2_2	2.50	1.26	NO	34.71	1.001	1.93e4	8.66e5	2.38	-4.7	0.890	bb
3	200528R2_3	10.0	1.25	NO	34.71	1.000	8.53e4	8.69e5	10.5	5.2	0.982	bd
4	200528R2_4	200	1.19	NO	34.71	1.001	2.00e6	1.04e6	207	3.3	0.965	bb
5	200528R2_5	1500	1.19	NO	34.72	1.001	1.72e7	1.18e6	1560	4.1	0.972	bb
6	200528R2_6	50.0	1.25	NO	34.72	1.000	3.88e5	8.00e5	51.9	3.9	0.971	bb

Compound name: 1,2,3,7,8,9-HxCDF

Response Factor: 0.870707
 RRF SD: 0.0533625, Relative SD: 6.12863
 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	200528R2_1	1.25	1.19	NO	35.61	1.001	7.48e3	7.73e5	1.11	-11.0	0.775	bb
2	200528R2_2	2.50	1.12	NO	35.61	1.000	1.48e4	7.04e5	2.42	-3.1	0.844	bb
3	200528R2_3	10.0	1.24	NO	35.62	1.000	6.49e4	7.27e5	10.3	2.5	0.892	bd
4	200528R2_4	200	1.20	NO	35.62	1.001	1.60e6	8.84e5	208	3.9	0.904	bb
5	200528R2_5	1500	1.20	NO	35.63	1.000	1.40e7	1.02e6	1580	5.6	0.919	bb
6	200528R2_6	50.0	1.22	NO	35.63	1.000	2.98e5	6.70e5	51.1	2.2	0.890	bb

Compound name: 1,2,3,4,6,7,8-HpCDF

Response Factor: 0.873391
 RRF SD: 0.0600077, Relative SD: 6.87065
 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	200528R2_1	1.25	1.03	NO	37.37	1.000	6.77e3	7.13e5	1.09	-13.1	0.759	bb
2	200528R2_2	2.50	0.94	NO	37.40	1.001	1.40e4	6.49e5	2.48	-0.9	0.866	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	10.0	1.00	NO	37.40	1.001	5.72e4	6.48e5	10.1	1.0	0.883	bd
4	200528R2_4	200	0.99	NO	37.39	1.000	1.43e6	7.67e5	213	6.5	0.930	bb
5	200528R2_5	1500	1.00	NO	37.40	1.000	1.28e7	9.39e5	1560	3.7	0.906	bb
6	200528R2_6	50.0	0.98	NO	37.41	1.001	2.64e5	5.89e5	51.4	2.7	0.897	bb

Compound name: 1,2,3,4,7,8,9-HpCDF

Response Factor: 1.01285

RRF SD: 0.106215, Relative SD: 10.4867

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	200528R2_1	1.25	0.99	NO	39.33	1.001	5.26e3	5.09e5	1.02	-18.4	0.827	bb
2	200528R2_2	2.50	0.98	NO	39.33	1.000	1.03e4	4.36e5	2.33	-6.7	0.945	bb
3	200528R2_3	10.0	1.01	NO	39.34	1.000	4.43e4	4.19e5	10.4	4.3	1.06	MM
4	200528R2_4	200	0.98	NO	39.33	1.000	1.13e6	5.18e5	214	7.2	1.09	bb
5	200528R2_5	1500	1.00	NO	39.34	1.000	1.05e7	6.39e5	1620	8.2	1.10	bb
6	200528R2_6	50.0	0.98	NO	39.34	1.000	2.00e5	3.75e5	52.7	5.4	1.07	bb

Compound name: OCDF

Response Factor: 0.806476

RRF SD: 0.0306481, Relative SD: 3.80025

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	200528R2_1	2.50	0.87	NO	41.96	1.000	1.27e4	1.35e6	2.33	-6.6	0.753	bb
2	200528R2_2	5.00	0.84	NO	41.96	1.000	2.40e4	1.22e6	4.89	-2.2	0.789	bb
3	200528R2_3	20.0	0.86	NO	41.96	1.000	9.80e4	1.18e6	20.6	3.0	0.831	bb
4	200528R2_4	400	0.87	NO	41.96	1.000	2.54e6	1.57e6	402	0.5	0.810	bb
5	200528R2_5	3000	0.88	NO	41.98	1.000	2.39e7	1.92e6	3090	3.1	0.831	bb
6	200528R2_6	100	0.85	NO	41.97	1.000	4.44e5	1.08e6	102	2.3	0.825	bb

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 13C-2,3,7,8-TCDD

Response Factor: 1.15633

RRF SD: 0.0999567, Relative SD: 8.64433

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	200528R2_1	100	0.80	NO	26.54	1.026	1.43e6	1.11e6	111	11.2	1.29	bb
2	200528R2_2	100	0.79	NO	26.54	1.025	1.29e6	1.24e6	89.8	-10.2	1.04	bb
3	200528R2_3	100	0.79	NO	26.54	1.025	1.31e6	1.26e6	89.8	-10.2	1.04	bb
4	200528R2_4	100	0.79	NO	26.54	1.025	1.50e6	1.26e6	103	2.8	1.19	bb
5	200528R2_5	100	0.78	NO	26.56	1.025	1.52e6	1.24e6	106	5.5	1.22	bb
6	200528R2_6	100	0.79	NO	26.56	1.025	1.16e6	9.95e5	101	0.8	1.17	bb

Compound name: 13C-1,2,3,7,8-PeCDD

Response Factor: 0.848975

RRF SD: 0.0899186, Relative SD: 10.5914

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	200528R2_1	100	0.64	NO	31.48	1.216	1.00e6	1.11e6	107	6.6	0.905	bb
2	200528R2_2	100	0.63	NO	31.50	1.216	9.36e5	1.24e6	88.7	-11.3	0.753	bb
3	200528R2_3	100	0.63	NO	31.50	1.216	9.29e5	1.26e6	86.8	-13.2	0.737	bb
4	200528R2_4	100	0.64	NO	31.50	1.216	1.11e6	1.26e6	103	3.3	0.877	bb
5	200528R2_5	100	0.64	NO	31.50	1.215	1.21e6	1.24e6	114	14.3	0.970	bb
6	200528R2_6	100	0.64	NO	31.50	1.215	8.48e5	9.95e5	100	0.3	0.852	bb

Compound name: 13C-1,2,3,4,7,8-HxCDD

Response Factor: 0.778953

RRF SD: 0.096377, Relative SD: 12.3726

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	200528R2_1	100	1.27	NO	34.85	1.014	6.95e5	8.40e5	106	6.2	0.827	bd
2	200528R2_2	100	1.28	NO	34.87	1.014	6.46e5	9.66e5	85.9	-14.1	0.669	bd

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	100	1.27	NO	34.87	1.014	6.61e5	9.75e5	87.0	-13.0	0.678	bd
4	200528R2_4	100	1.28	NO	34.86	1.014	7.89e5	9.81e5	103	3.4	0.805	bd
5	200528R2_5	100	1.28	NO	34.87	1.014	9.34e5	1.01e6	119	18.6	0.924	bd
6	200528R2_6	100	1.27	NO	34.88	1.014	6.04e5	7.84e5	98.9	-1.1	0.770	bd

Compound name: 13C-1,2,3,6,7,8-HxCDD

Response Factor: 1.01669

RRF SD: 0.116266, Relative SD: 11.4358

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	200528R2_1	100	1.27	NO	34.95	1.017	9.27e5	8.40e5	108	8.5	1.10	db
2	200528R2_2	100	1.27	NO	34.96	1.017	8.61e5	9.66e5	87.7	-12.3	0.891	db
3	200528R2_3	100	1.26	NO	34.97	1.017	8.39e5	9.75e5	84.7	-15.3	0.861	db
4	200528R2_4	100	1.25	NO	34.96	1.017	1.03e6	9.81e5	104	3.5	1.05	db
5	200528R2_5	100	1.27	NO	34.97	1.017	1.17e6	1.01e6	113	13.4	1.15	db
6	200528R2_6	100	1.23	NO	34.97	1.017	8.15e5	7.84e5	102	2.3	1.04	db

Compound name: 13C-1,2,3,7,8,9-HxCDD

Response Factor: 0.902653

RRF SD: 0.11238, Relative SD: 12.45

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	200528R2_1	100	1.23	NO	35.24	1.025	8.33e5	8.40e5	110	9.8	0.991	bb
2	200528R2_2	100	1.26	NO	35.25	1.025	7.48e5	9.66e5	85.8	-14.2	0.774	bb
3	200528R2_3	100	1.28	NO	35.25	1.025	7.53e5	9.75e5	85.6	-14.4	0.773	bd
4	200528R2_4	100	1.23	NO	35.25	1.025	9.12e5	9.81e5	103	3.1	0.930	MM
5	200528R2_5	100	1.26	NO	35.26	1.025	1.06e6	1.01e6	116	16.1	1.05	bb
6	200528R2_6	100	1.18	NO	35.26	1.025	7.05e5	7.84e5	99.6	-0.4	0.899	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
 Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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

Response Factor: 0.689179
 RRF SD: 0.0899136, Relative SD: 13.0465
 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	200528R2_1	100	1.06	NO	38.77	1.128	6.48e5	8.40e5	112	11.9	0.771	MM
2	200528R2_2	100	1.04	NO	38.78	1.128	6.01e5	9.66e5	90.2	-9.8	0.622	bd
3	200528R2_3	100	1.12	NO	38.79	1.128	5.57e5	9.75e5	83.0	-17.0	0.572	bd
4	200528R2_4	100	1.04	NO	38.78	1.128	6.86e5	9.81e5	102	1.6	0.700	MM
5	200528R2_5	100	1.03	NO	38.80	1.128	8.18e5	1.01e6	117	17.4	0.809	bb
6	200528R2_6	100	1.04	NO	38.80	1.128	5.18e5	7.84e5	95.9	-4.1	0.661	bd

Compound name: 13C-OCDD

Response Factor: 0.652099
 RRF SD: 0.111511, Relative SD: 17.1002
 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	200528R2_1	200	0.89	NO	41.75	1.215	1.18e6	8.40e5	216	7.8	0.703	MM
2	200528R2_2	200	0.89	NO	41.76	1.215	1.05e6	9.66e5	167	-16.3	0.546	MM
3	200528R2_3	200	0.91	NO	41.76	1.214	1.03e6	9.75e5	162	-18.9	0.529	bd
4	200528R2_4	200	0.90	NO	41.76	1.215	1.35e6	9.81e5	211	5.7	0.689	bd
5	200528R2_5	200	0.93	NO	41.78	1.215	1.67e6	1.01e6	254	26.9	0.827	bd
6	200528R2_6	200	0.88	NO	41.77	1.215	9.71e5	7.84e5	190	-5.1	0.619	bd

Compound name: 13C-2,3,7,8-TCDF

Response Factor: 1.05898
 RRF SD: 0.0854755, Relative SD: 8.07146
 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	200528R2_1	100	0.76	NO	25.65	0.991	1.95e6	1.65e6	112	12.1	1.19	bb
2	200528R2_2	100	0.77	NO	25.66	0.991	1.78e6	1.83e6	92.1	-7.9	0.975	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	100	0.78	NO	25.66	0.991	1.80e6	1.89e6	90.1	-9.9	0.955	bb
4	200528R2_4	100	0.78	NO	25.66	0.991	2.04e6	1.91e6	101	1.0	1.07	bb
5	200528R2_5	100	0.78	NO	25.67	0.991	2.04e6	1.85e6	104	4.2	1.10	bb
6	200528R2_6	100	0.77	NO	25.68	0.991	1.59e6	1.49e6	101	0.5	1.06	bb

Compound name: 13C-1,2,3,7,8-PeCDF

Response Factor: 0.837982

RRF SD: 0.0870192, Relative SD: 10.3844

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	200528R2_1	100	1.59	NO	30.20	1.167	1.50e6	1.65e6	109	9.0	0.913	bb
2	200528R2_2	100	1.59	NO	30.22	1.167	1.37e6	1.83e6	89.3	-10.7	0.748	bb
3	200528R2_3	100	1.59	NO	30.22	1.167	1.38e6	1.89e6	86.9	-13.1	0.728	bb
4	200528R2_4	100	1.61	NO	30.22	1.167	1.63e6	1.91e6	102	1.9	0.854	bb
5	200528R2_5	100	1.63	NO	30.22	1.166	1.75e6	1.85e6	113	12.9	0.946	bb
6	200528R2_6	100	1.60	NO	30.23	1.166	1.25e6	1.49e6	100	0.0	0.838	bb

Compound name: 13C-2,3,4,7,8-PeCDF

Response Factor: 0.816557

RRF SD: 0.0702322, Relative SD: 8.60101

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	200528R2_1	100	1.60	NO	31.18	1.204	1.42e6	1.65e6	106	5.9	0.865	db
2	200528R2_2	100	1.57	NO	31.19	1.204	1.35e6	1.83e6	90.7	-9.3	0.741	db
3	200528R2_3	100	1.61	NO	31.19	1.204	1.38e6	1.89e6	89.4	-10.6	0.730	db
4	200528R2_4	100	1.61	NO	31.19	1.204	1.57e6	1.91e6	101	1.0	0.825	db
5	200528R2_5	100	1.60	NO	31.19	1.204	1.69e6	1.85e6	112	11.5	0.911	bb
6	200528R2_6	100	1.59	NO	31.21	1.204	1.24e6	1.49e6	101	1.4	0.828	db

Vista Analytical Laboratory

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 13C-1,2,3,4,7,8-HxCDF

Response Factor: 1.00752

RRF SD: 0.115021, Relative SD: 11.4162

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	200528R2_1	100	0.50	NO	33.97	0.988	9.42e5	8.40e5	111	11.3	1.12	bd
2	200528R2_2	100	0.50	NO	33.98	0.988	8.49e5	9.66e5	87.2	-12.8	0.878	bd
3	200528R2_3	100	0.50	NO	33.98	0.988	8.47e5	9.75e5	86.2	-13.8	0.869	bd
4	200528R2_4	100	0.50	NO	33.98	0.988	1.02e6	9.81e5	103	3.0	1.04	bd
5	200528R2_5	100	0.50	NO	33.99	0.988	1.15e6	1.01e6	113	12.7	1.14	bd
6	200528R2_6	100	0.50	NO	33.99	0.988	7.87e5	7.84e5	99.6	-0.4	1.00	bd

Compound name: 13C-1,2,3,6,7,8-HxCDF

Response Factor: 1.16702

RRF SD: 0.127304, Relative SD: 10.9085

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	200528R2_1	100	0.50	NO	34.09	0.992	1.07e6	8.40e5	110	9.5	1.28	db
2	200528R2_2	100	0.51	NO	34.11	0.992	9.70e5	9.66e5	86.1	-13.9	1.00	db
3	200528R2_3	100	0.51	NO	34.11	0.992	1.01e6	9.75e5	88.5	-11.5	1.03	db
4	200528R2_4	100	0.51	NO	34.10	0.992	1.18e6	9.81e5	103	3.1	1.20	db
5	200528R2_5	100	0.51	NO	34.11	0.992	1.33e6	1.01e6	113	13.0	1.32	db
6	200528R2_6	100	0.50	NO	34.12	0.992	9.14e5	7.84e5	99.8	-0.2	1.17	db

Compound name: 13C-2,3,4,6,7,8-HxCDF

Response Factor: 1.02186

RRF SD: 0.110658, Relative SD: 10.829

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	200528R2_1	100	0.51	NO	34.68	1.009	9.22e5	8.40e5	107	7.4	1.10	bb
2	200528R2_2	100	0.50	NO	34.69	1.009	8.66e5	9.66e5	87.7	-12.3	0.896	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

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	200528R2_3	100	0.51	NO	34.70	1.009	8.69e5	9.75e5	87.2	-12.8	0.891	bb
4	200528R2_4	100	0.51	NO	34.69	1.009	1.04e6	9.81e5	104	3.6	1.06	bb
5	200528R2_5	100	0.50	NO	34.70	1.009	1.18e6	1.01e6	114	14.3	1.17	bb
6	200528R2_6	100	0.51	NO	34.71	1.009	8.00e5	7.84e5	99.8	-0.2	1.02	bb

Compound name: 13C-1,2,3,7,8,9-HxCDF

Response Factor: 0.859541

RRF SD: 0.107178, Relative SD: 12.4692

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	200528R2_1	100	0.51	NO	35.59	1.036	7.73e5	8.40e5	107	7.0	0.919	MM
2	200528R2_2	100	0.50	NO	35.61	1.036	7.04e5	9.66e5	84.8	-15.2	0.729	MM
3	200528R2_3	100	0.50	NO	35.61	1.036	7.27e5	9.75e5	86.8	-13.2	0.746	MM
4	200528R2_4	100	0.49	NO	35.60	1.036	8.84e5	9.81e5	105	4.9	0.902	bb
5	200528R2_5	100	0.51	NO	35.62	1.036	1.02e6	1.01e6	117	17.3	1.01	bb
6	200528R2_6	100	0.51	NO	35.63	1.036	6.70e5	7.84e5	99.3	-0.7	0.854	bd

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

Response Factor: 0.774499

RRF SD: 0.102271, Relative SD: 13.2048

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	200528R2_1	100	0.44	NO	37.37	1.087	7.13e5	8.40e5	110	9.6	0.849	bd
2	200528R2_2	100	0.42	NO	37.38	1.087	6.49e5	9.66e5	86.7	-13.3	0.672	bb
3	200528R2_3	100	0.44	NO	37.38	1.087	6.48e5	9.75e5	85.9	-14.1	0.665	bd
4	200528R2_4	100	0.44	NO	37.38	1.087	7.67e5	9.81e5	101	0.9	0.782	bb
5	200528R2_5	100	0.44	NO	37.39	1.087	9.39e5	1.01e6	120	19.9	0.928	bd
6	200528R2_6	100	0.43	NO	37.39	1.087	5.89e5	7.84e5	97.0	-3.0	0.751	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
 Printed: Friday, May 29, 2020 7:37:47 AM Pacific Daylight Time

Compound name: 13C-1,2,3,4,7,8,9-HpCDF

Response Factor: 0.520991

RRF SD: 0.083066, Relative SD: 15.9439

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	200528R2_1	100	0.43	NO	39.31	1.144	5.09e5	8.40e5	116	16.3	0.606	MM
2	200528R2_2	100	0.42	NO	39.32	1.144	4.36e5	9.66e5	86.7	-13.3	0.452	bb
3	200528R2_3	100	0.42	NO	39.33	1.144	4.19e5	9.75e5	82.5	-17.5	0.430	MM
4	200528R2_4	100	0.42	NO	39.32	1.144	5.18e5	9.81e5	101	1.4	0.529	MM
5	200528R2_5	100	0.44	NO	39.33	1.144	6.39e5	1.01e6	121	21.3	0.632	bb
6	200528R2_6	100	0.43	NO	39.34	1.144	3.75e5	7.84e5	91.8	-8.2	0.478	bd

Compound name: 13C-OCDF

Response Factor: 0.745653

RRF SD: 0.129429, Relative SD: 17.3579

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	200528R2_1	200	0.87	NO	41.94	1.220	1.35e6	8.40e5	215	7.6	0.803	bb
2	200528R2_2	200	0.83	NO	41.95	1.220	1.22e6	9.66e5	169	-15.4	0.631	bb
3	200528R2_3	200	0.90	NO	41.96	1.220	1.18e6	9.75e5	162	-18.8	0.605	bd
4	200528R2_4	200	0.88	NO	41.95	1.220	1.57e6	9.81e5	215	7.3	0.800	MM
5	200528R2_5	200	0.88	NO	41.97	1.220	1.92e6	1.01e6	254	27.2	0.949	bb
6	200528R2_6	200	0.90	NO	41.96	1.220	1.08e6	7.84e5	184	-7.9	0.687	MM

Compound name: 37Cl-2,3,7,8-TCDD

Response Factor: 1.03685

RRF SD: 0.126311, Relative SD: 12.1822

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	200528R2_1	0.250			26.57	1.027	2.71e3	1.11e6	0.235	-5.9	0.976	bb
2	200528R2_2	0.500			26.56	1.025	5.67e3	1.24e6	0.440	-11.9	0.913	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:37:47 AM 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	200528R2_3	2.00			26.57	1.026	2.30e4	1.26e6	1.76	-12.0	0.912	bd
4	200528R2_4	40.0			26.56	1.025	5.78e5	1.26e6	44.1	10.2	1.14	bb
5	200528R2_5	200			26.57	1.025	3.03e6	1.24e6	235	17.7	1.22	bb
6	200528R2_6	10.0			26.59	1.026	1.05e5	9.95e5	10.2	2.1	1.06	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	200528R2_1	100	0.80	NO	25.89	1.000	1.11e6	1.11e6	100	0.0	1.00	bb
2	200528R2_2	100	0.81	NO	25.90	1.000	1.24e6	1.24e6	100	0.0	1.00	bb
3	200528R2_3	100	0.80	NO	25.90	1.000	1.26e6	1.26e6	100	0.0	1.00	bb
4	200528R2_4	100	0.80	NO	25.90	1.000	1.26e6	1.26e6	100	0.0	1.00	bb
5	200528R2_5	100	0.80	NO	25.92	1.000	1.24e6	1.24e6	100	0.0	1.00	bb
6	200528R2_6	100	0.80	NO	25.92	1.000	9.95e5	9.95e5	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	200528R2_1	100	0.78	NO	24.22	1.000	1.65e6	1.65e6	100	0.0	1.00	bb
2	200528R2_2	100	0.78	NO	24.22	1.000	1.83e6	1.83e6	100	0.0	1.00	bb
3	200528R2_3	100	0.78	NO	24.22	1.000	1.89e6	1.89e6	100	0.0	1.00	bb
4	200528R2_4	100	0.79	NO	24.22	1.000	1.91e6	1.91e6	100	0.0	1.00	bb
5	200528R2_5	100	0.79	NO	24.24	1.000	1.85e6	1.85e6	100	0.0	1.00	bb
6	200528R2_6	100	0.77	NO	24.24	1.000	1.49e6	1.49e6	100	0.0	1.00	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CRV.qld

Last Altered: Thursday, May 28, 2020 4:52:08 PM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:37:47 AM 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	200528R2_1	100	0.50	NO	34.37	1.000	8.40e5	8.40e5	100	0.0	1.00	bb
2	200528R2_2	100	0.51	NO	34.38	1.000	9.66e5	9.66e5	100	0.0	1.00	bb
3	200528R2_3	100	0.51	NO	34.39	1.000	9.75e5	9.75e5	100	0.0	1.00	bb
4	200528R2_4	100	0.51	NO	34.38	1.000	9.81e5	9.81e5	100	0.0	1.00	bb
5	200528R2_5	100	0.51	NO	34.39	1.000	1.01e6	1.01e6	100	0.0	1.00	bb
6	200528R2_6	100	0.50	NO	34.39	1.000	7.84e5	7.84e5	100	0.0	1.00	bb

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CPSM.qld

Last Altered: Thursday, May 28, 2020 16:40:33 Pacific Daylight Time

Printed: Thursday, May 28, 2020 16:57:10 Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\CPSM.mdb 26 May 2020 10:39:11

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-4-29-20.cdb 30 Apr 2020 07:35:23

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

#	Name	RT
1	1 1,3,6,8-TCDD (First)	22.59
2	2 1,2,8,9-TCDD (Last)	27.53
3	3 1,2,4,7,9-PeCDD (First)	29.32
4	4 1,2,3,8,9-PeCDD (Last)	31.89
5	5 1,2,4,6,7,9-HxCDD (First)	33.39
6	6 1,2,3,7,8,9-HxCDD (Last)	35.27
7	7 1,2,3,4,6,7,9-HpCDD (First)	37.81
8	8 1,2,3,4,6,7,8-HpCDD (Last)	38.81
9	9 1,3,6,8-TCDF (First)	20.44
10	10 1,2,8,9-TCDF (Last)	27.68
11	11 1,3,4,6,8-PeCDF (First)	27.64
12	12 1,2,3,8,9-PeCDF (Last)	32.14
13	13 1,2,3,4,6,8-HxCDF (First)	32.83
14	14 1,2,3,7,8,9-HxCDF (Last)	35.63
15	15 1,2,3,4,6,7,8-HpCDF (First)	37.41
16	16 1,2,3,4,7,8,9-HpCDF (Last)	39.34

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-CPSM.qld

Last Altered: Thursday, May 28, 2020 16:40:33 Pacific Daylight Time

Printed: Thursday, May 28, 2020 16:57:10 Pacific Daylight Time

GRB 05/29/2020

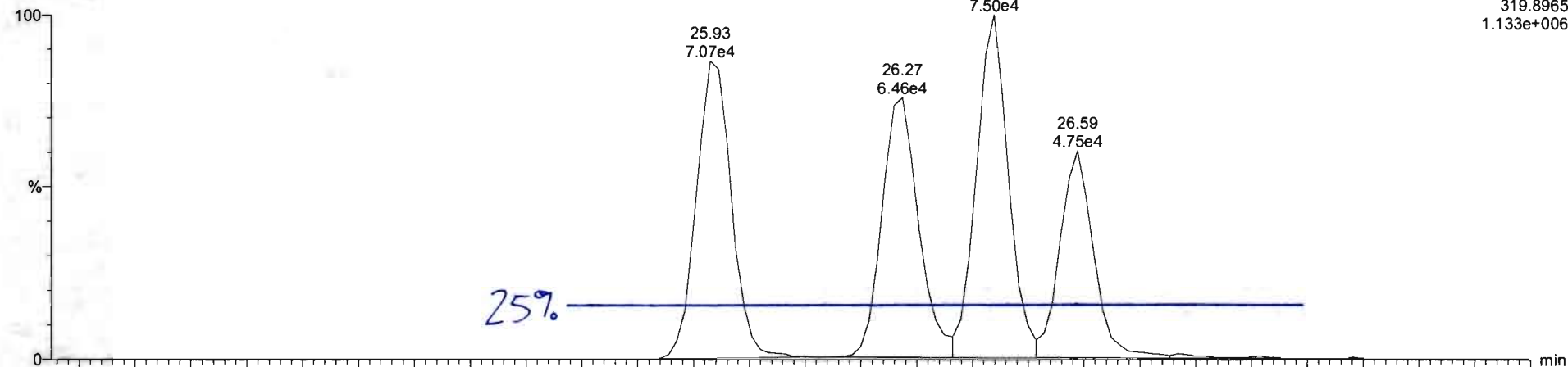
Method: U:\VG12.PRO\MethDB\CPSM.mdb 26 May 2020 10:39:11

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-4-29-20.cdb 30 Apr 2020 07:35:23

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

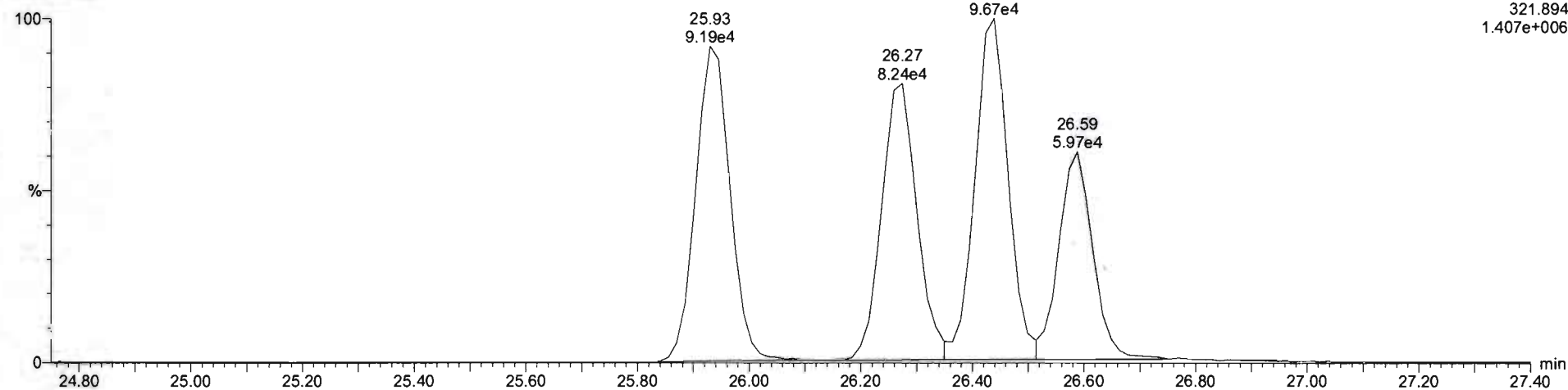
1,3,6,8-TCDD (First)

200528R2_6



F1:Voltage SIR,EI+
319.8965
1.133e+006

200528R2_6



F1:Voltage SIR,EI+
321.894
1.407e+006

Vista Analytical Laboratory VG-11

Dataset: Untitled

Last Altered: Friday, May 29, 2020 8:08:41 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 8:08:46 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-05-26-20.mdb 26 May 2020 10:34:17

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Compound name: 2,3,7,8-TCDD

	Name	ID	Acq.Date	Acq.Time
1	200528R2_1	ST200528R2_1 1613 CS0 19L2302	28-May-20	11:53:52
2	200528R2_2	ST200528R2_2 1613 CS1 19L2303	28-May-20	12:41:31
3	200528R2_3	ST200528R2_3 1613 CS2 19L2304	28-May-20	13:28:43
4	200528R2_4	ST200528R2_4 1613 CS4 19L2306	28-May-20	14:15:50
5	200528R2_5	ST200528R2_5 1613 CS5 19L2307	28-May-20	15:02:56
6	200528R2_6	ST200528R2_6 1613 CS3 19L2305	28-May-20	15:50:32
7	200528R2_7	SOLVENT BLANK	28-May-20	16:37:46
8	200528R2_8	SS200528R2_1 1613 SSS 19L2308	28-May-20	17:24:01
9	200528R2_9	B0E0131-BS1 OPR 1	28-May-20	18:10:13
10	200528R2_10	B0E0165-BS1 OPR 1	28-May-20	18:56:26
11	200528R2_11	B0E0127-BS1 OPR 1	28-May-20	19:42:36
12	200528R2_12	B0E0180-BS1 OPR 10	28-May-20	20:28:48
13	200528R2_13	SOLVENT BLANK	28-May-20	21:15:00
14	200528R2_14	B0E0180-BLK1 Method Blank 10	28-May-20	22:01:12
15	200528R2_15	B0E0131-BLK1 Method Blank 1	28-May-20	22:47:24
16	200528R2_16	B0E0165-BLK1 Method Blank 1	28-May-20	23:33:37
17	200528R2_17	B0E0127-BLK1 Method Blank 1	29-May-20	00:19:48
18	200528R2_18	2001052-01 ZID-001 1.00002	29-May-20	01:06:00
19	200528R2_19	2001031-01 Forebay Composite (24hr) 0.95078	29-May-20	01:52:12
20	200528R2_20	2001092-01 OF-031A BiWeekly Composite D/...	29-May-20	02:38:24

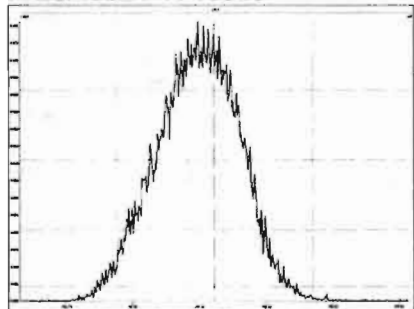
Experiment Calibration Report

MassLynx 4.1 SCN815

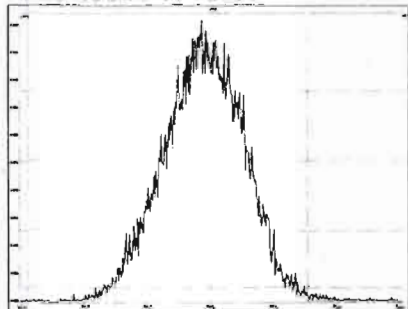
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Thursday, May 28, 2020 11:48:59 Pacific Daylight Time

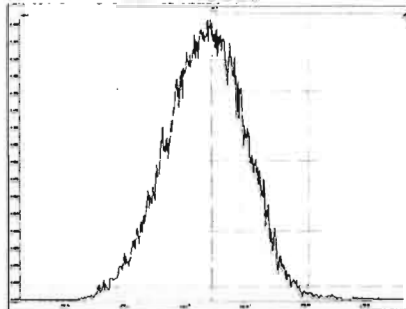
M 292.9824 R 10503



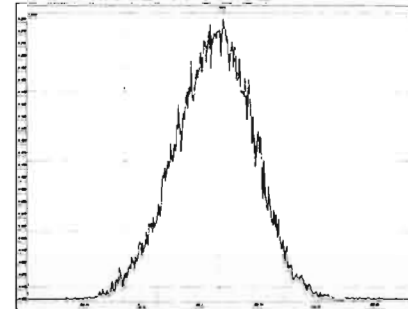
M 304.9824 R 10376



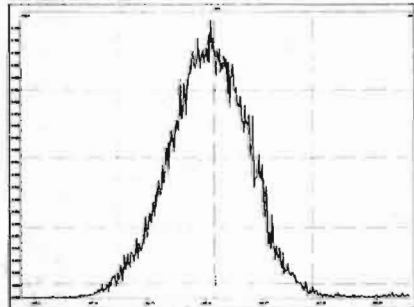
M 318.9792 R 10589



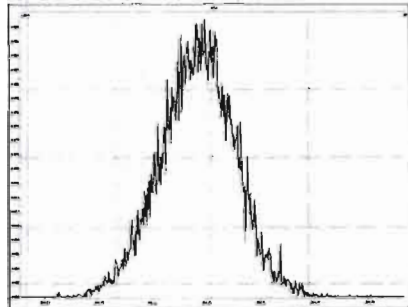
M 330.9792 R 10552



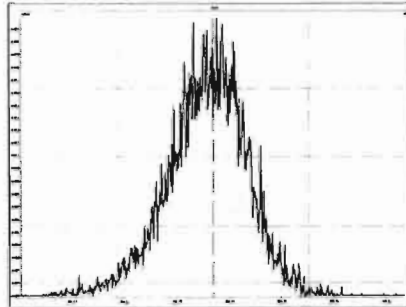
M 342.9792 R 10247



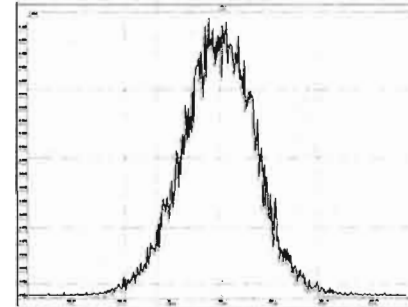
M 354.9792 R 10330



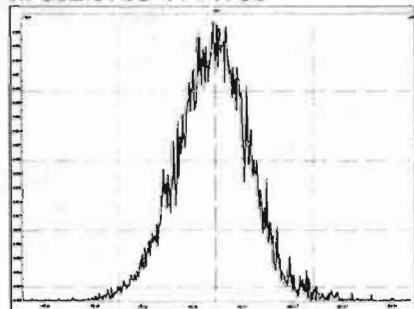
M 366.9792 R 11417



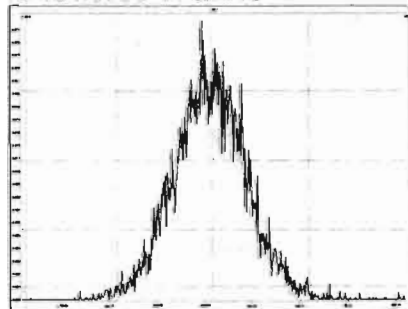
M 380.9760 R 11062



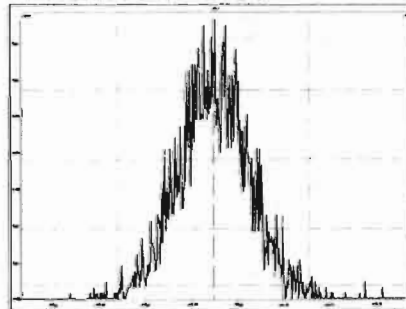
M 392.9760 R 11790



M 404.9760 R 12316



M 416.9760 R 12754



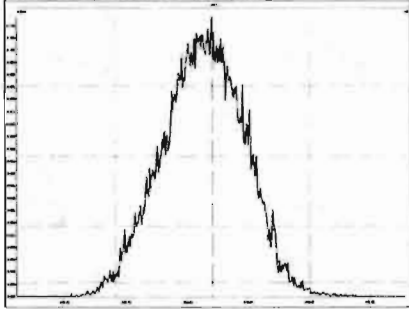
Experiment Calibration Report

MassLynx 4.1 SCN815

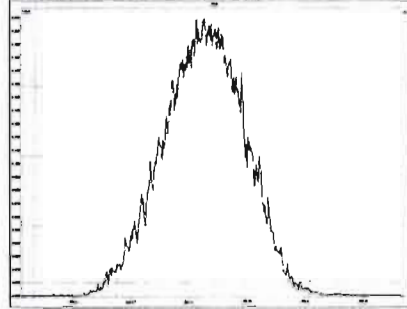
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Thursday, May 28, 2020 11:49:33 Pacific Daylight Time

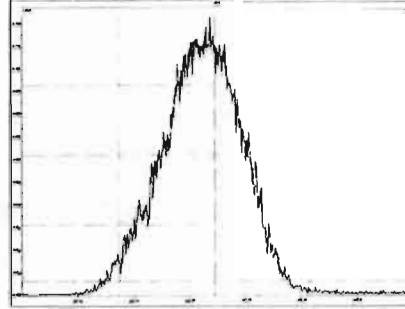
M 318.9792 R 10247



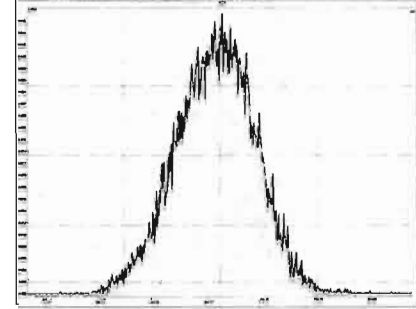
M 330.9792 R 10372



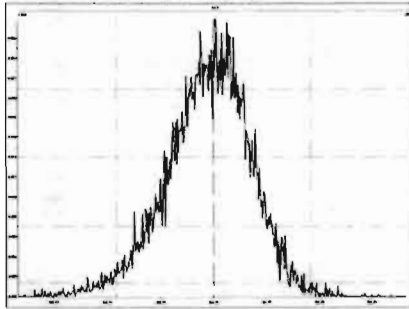
M 342.9792 R 10370



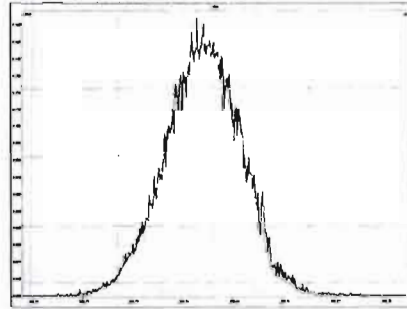
M 354.9792 R 10822



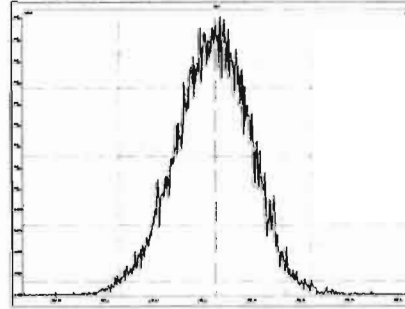
M 366.9792 R 10963



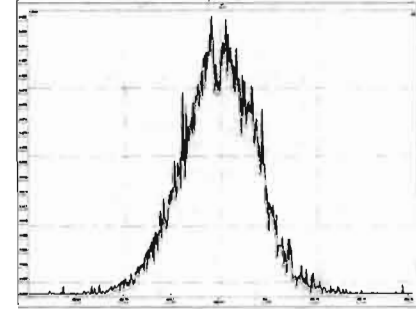
M 380.9760 R 10594



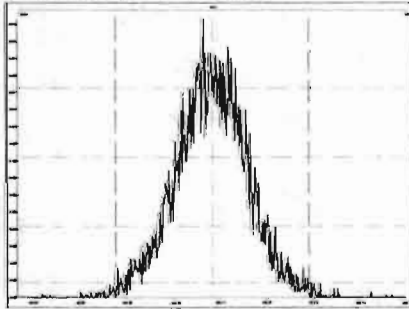
M 392.9760 R 10821



M 404.9760 R 11845



M 416.9760 R 12018



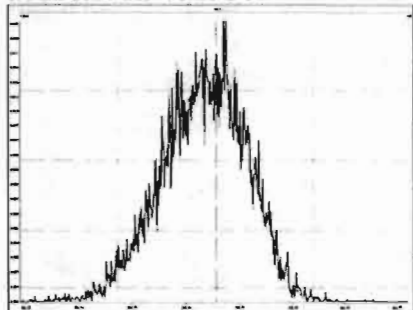
Experiment Calibration Report

MassLynx 4.1 SCN815

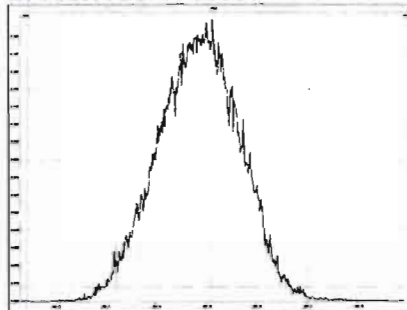
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Thursday, May 28, 2020 11:50:12 Pacific Daylight Time

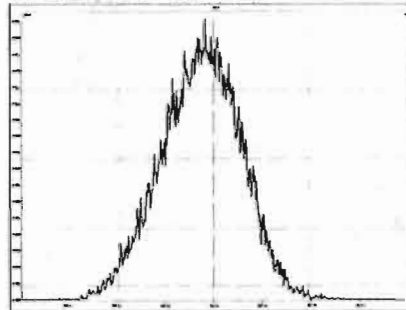
M 366.9792 R 10641



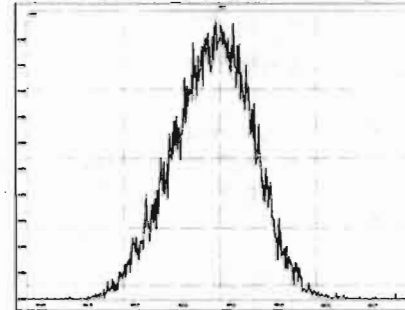
M 380.9760 R 10331



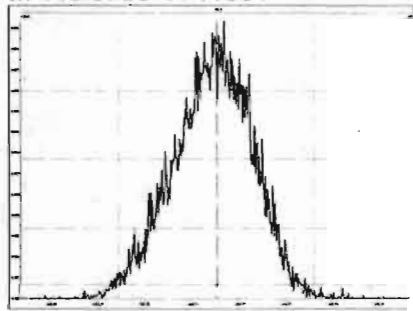
M 392.9760 R 10459



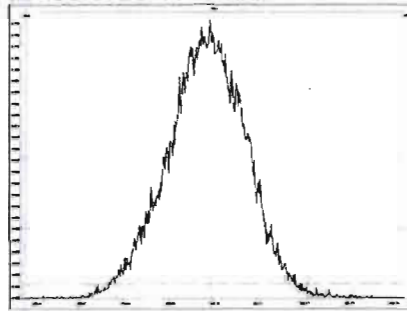
M 404.9760 R 10505



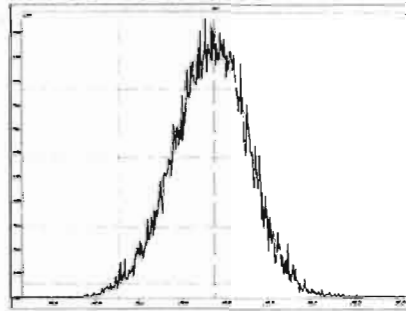
M 416.9760 R 11061



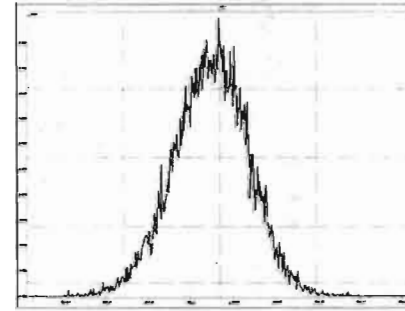
M 430.9728 R 10290



M 442.9728 R 10593



M 454.9728 R 10919



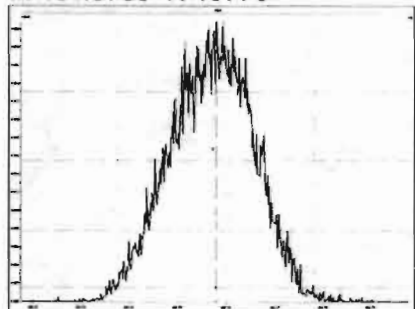
Experiment Calibration Report

MassLynx 4.1 SCN815

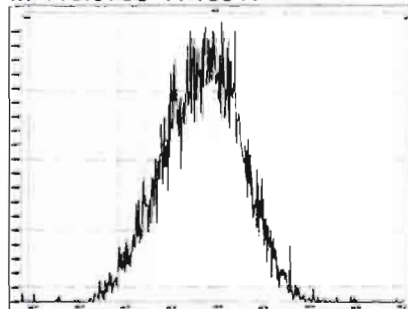
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Thursday, May 28, 2020 11:51:03 Pacific Daylight Time

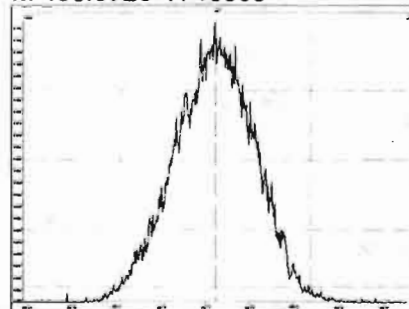
M 404.9760 R 10778



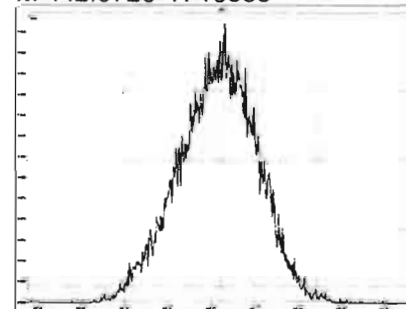
M 416.9760 R 10917



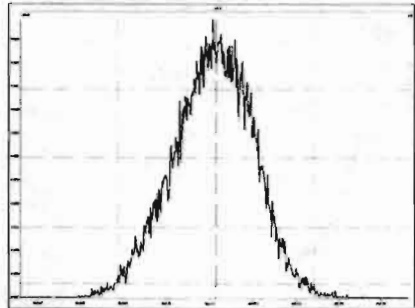
M 430.9728 R 10503



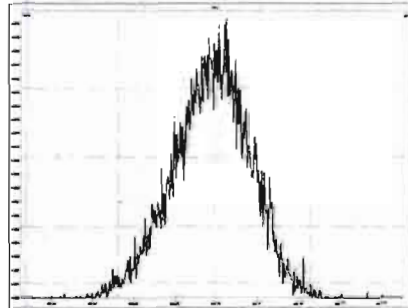
M 442.9728 R 10636



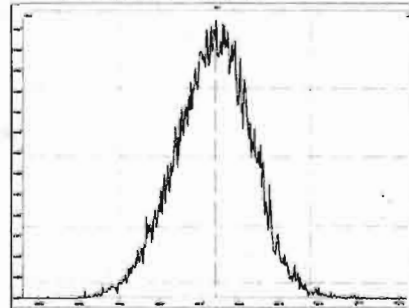
M 454.9728 R 10638



M 466.9728 R 10731



M 480.9696 R 10545



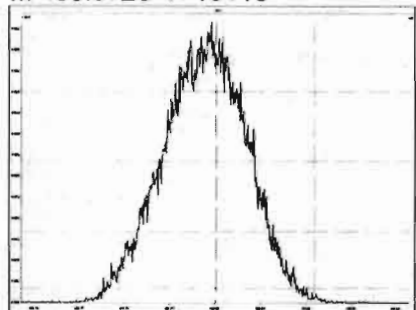
Experiment Calibration Report

MassLynx 4.1 SCN815

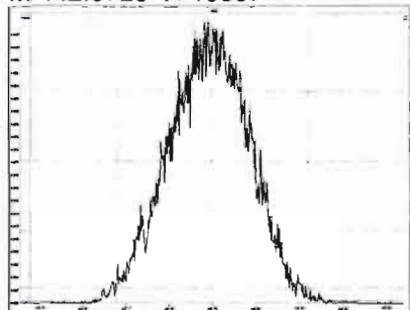
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Thursday, May 28, 2020 11:51:45 Pacific Daylight Time

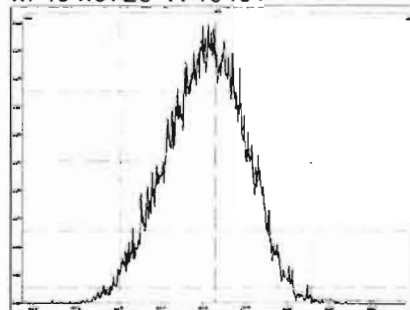
M 430.9728 R 10118



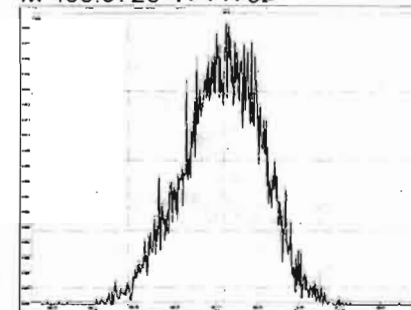
M 442.9728 R 10637



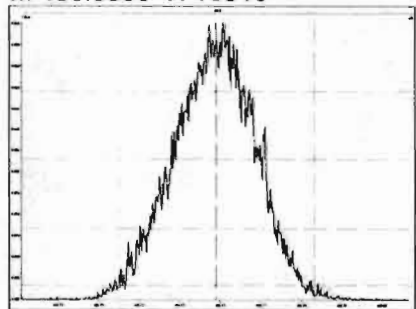
M 454.9728 R 10461



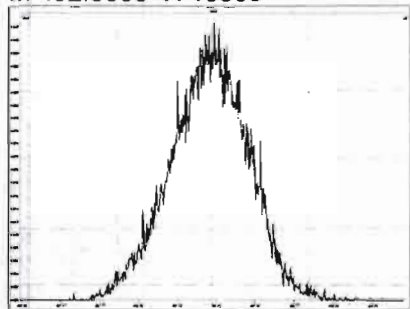
M 466.9728 R 11792



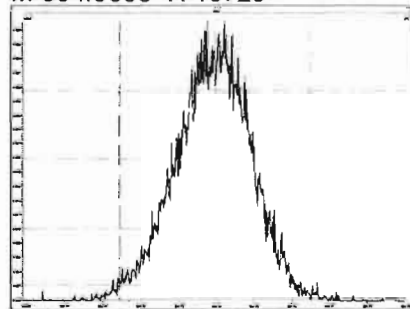
M 480.9696 R 10915



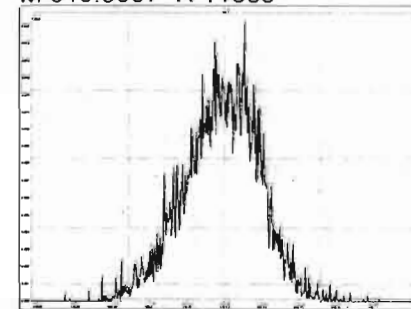
M 492.9696 R 10639



M 504.9696 R 10729



M 516.9697 R 11683



Dataset: Untitled

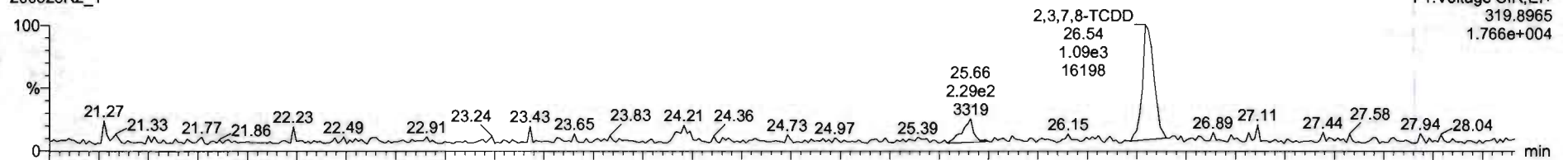
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Method: U:\VG12.PRO\MethDB\1613rrt-05-26-20.mdb 26 May 2020 10:34:17
Calibration: 29 May 2020 07:49:30

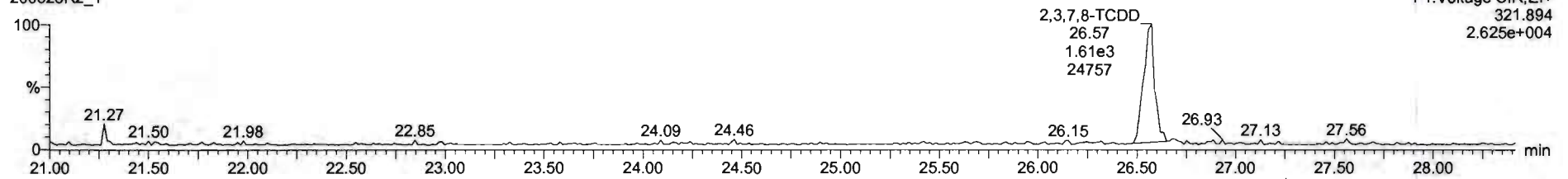
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

2,3,7,8-TCDD

200528R2_1

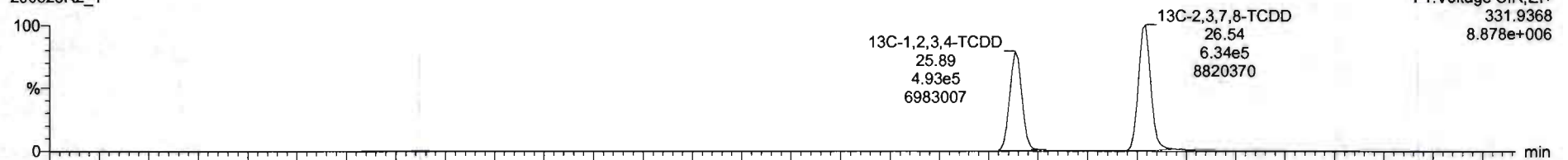


200528R2_1

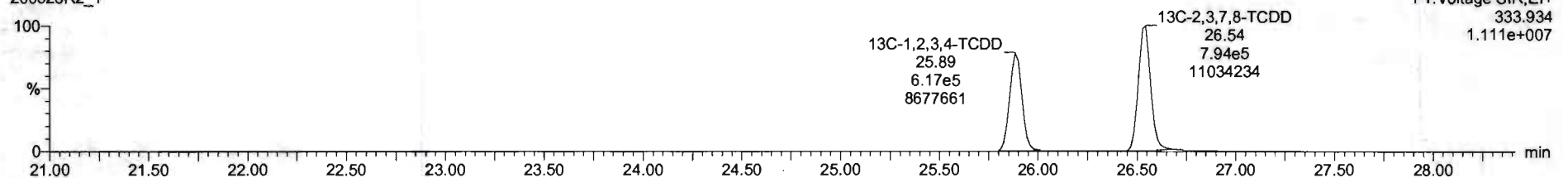


13C-2,3,7,8-TCDD

200528R2_1



200528R2_1



Dataset: Untitled

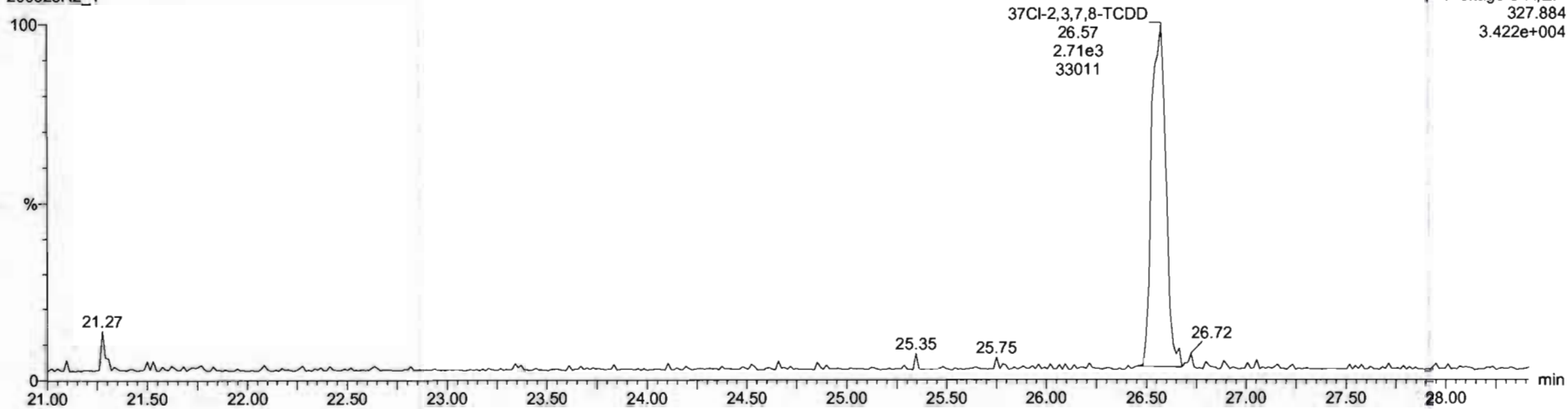
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

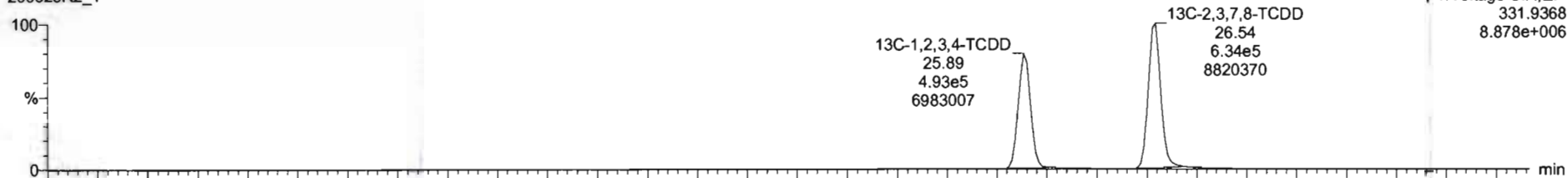
37Cl-2,3,7,8-TCDD

200528R2_1

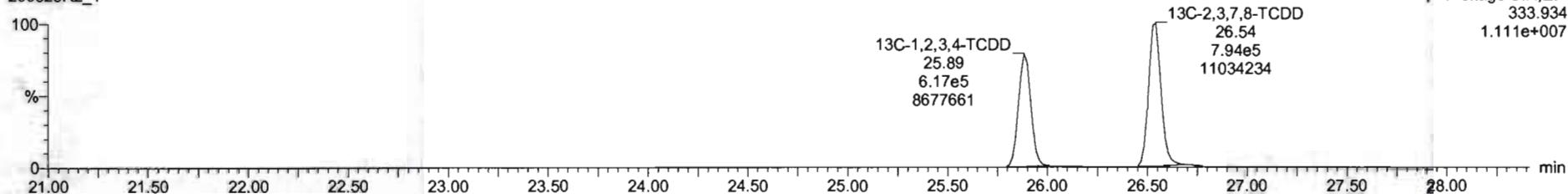


13C-1,2,3,4-TCDD

200528R2_1



200528R2_1



Dataset: Untitled

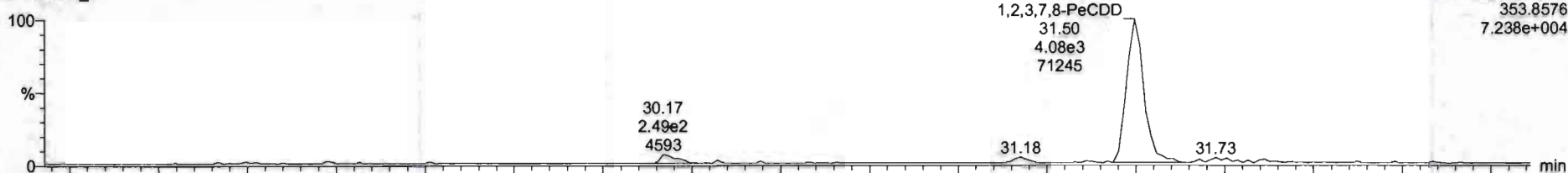
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

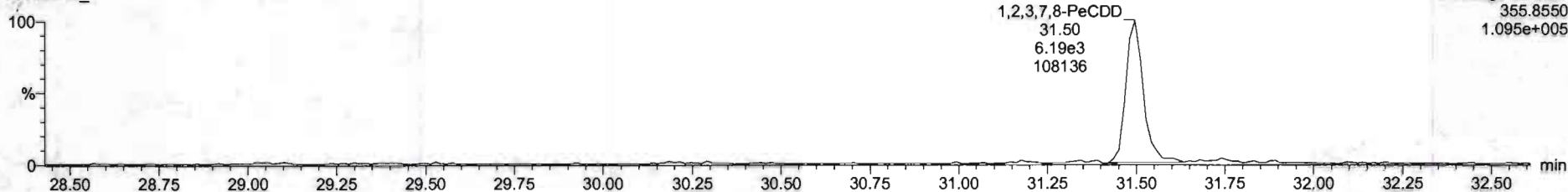
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

1,2,3,7,8-PeCDD

200528R2_1

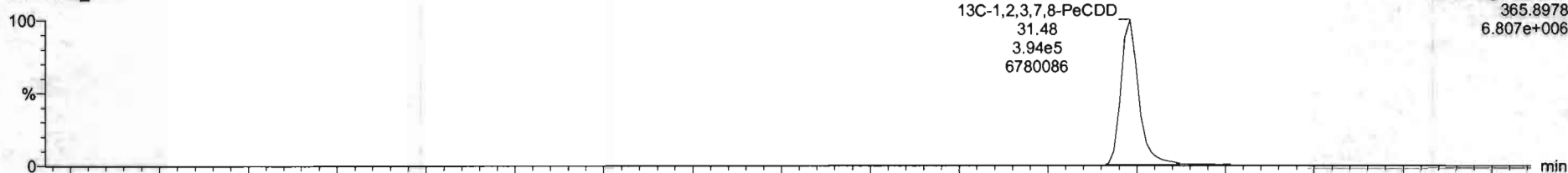


200528R2_1

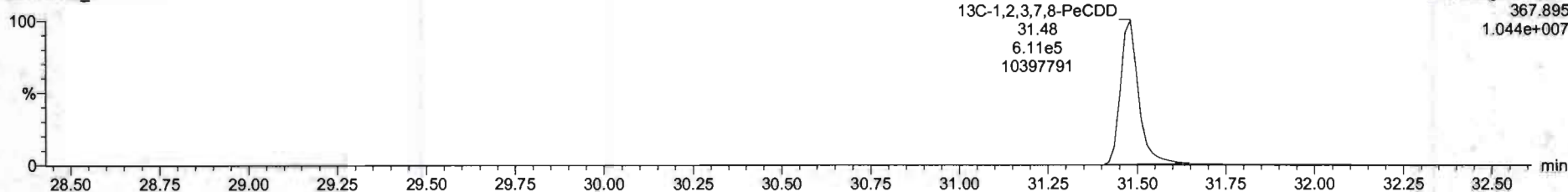


13C-1,2,3,7,8-PeCDD

200528R2_1



200528R2_1



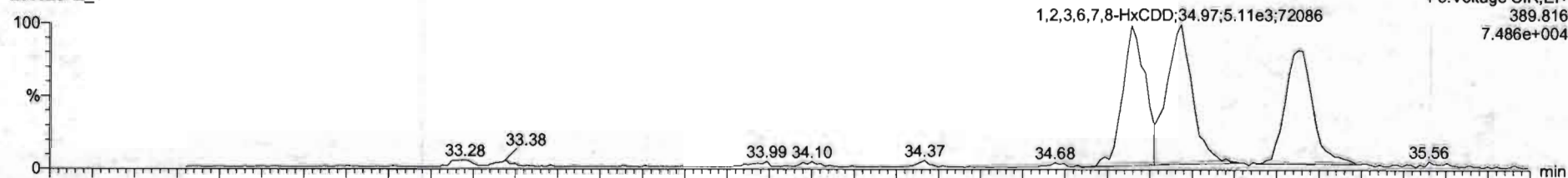
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

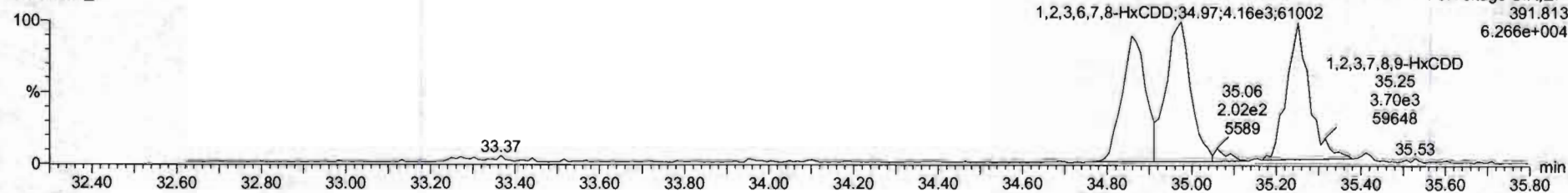
1,2,3,4,7,8-HxCDD

200528R2_1



F3:Voltage SIR,EI+
389.816
7.486e+004

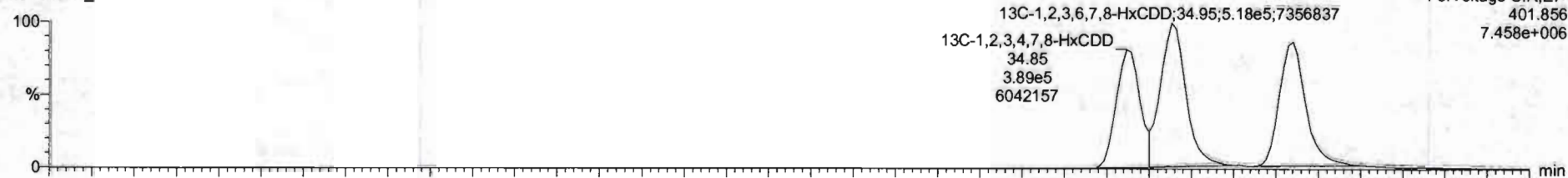
200528R2_1



F3:Voltage SIR,EI+
391.813
6.266e+004

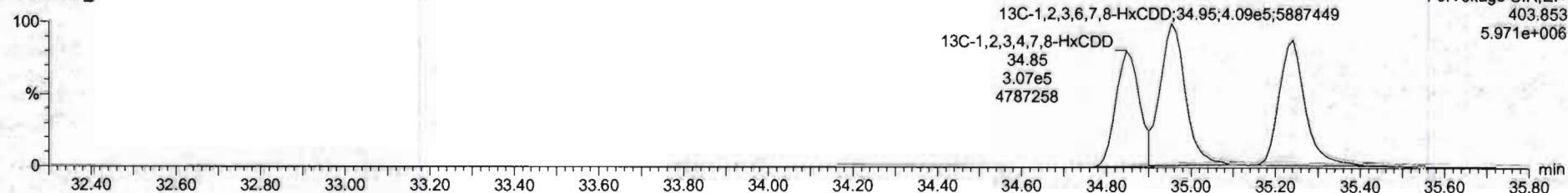
13C-1,2,3,4,7,8-HxCDD

200528R2_1



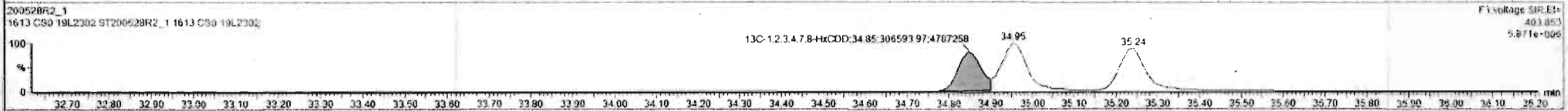
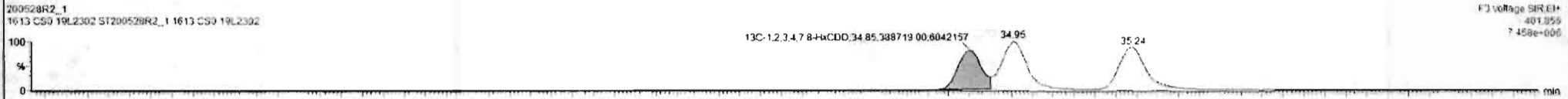
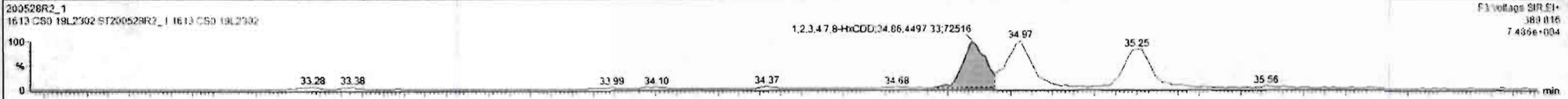
F3:Voltage SIR,EI+
401.856
7.458e+006

200528R2_1



F3:Voltage SIR,EI+
403.853
5.971e+006

#	Name	Resp	RA	Rel	RRF	wtVol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.78e3	0.56	NO	0.8983	1.000	26.54	1.000	0.213	85.2	0.0247	0.213
2	1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	31.50	1.000	1.12	90.0	0.0292	1.12
3	1,2,3,4,7,8-HxCDD	0.03e3	1.27	NO	1.0334	1.000	34.86	1.000	1.12	89.4	0.0428	1.12
4	1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8923	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5	1,2,3,7,8,9-HxCDD	8.14e3	1.20	NO	0.8965	1.000	35.25	1.000	1.10	88.1	0.0464	1.10
6	1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8639	1.000	36.78	1.000	1.09	87.2	0.0566	1.09
7	OCDD	1.23e4	0.85	NO	0.9136	1.000	41.76	1.000	2.27	90.9	0.0470	2.27
8	2,3,7,8-TCDF	3.23e3	0.73	NO	0.7510	1.000	25.87	1.001	0.223	89.1	0.0142	0.223
9	1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8925	1.000	30.20	1.000	1.09	87.1	0.0369	1.09
10	2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9348	1.000	31.19	1.000	1.12	89.2	0.0260	1.12
11	1,2,3,4,7,8-HxCDF	6.96e3	1.25	NO	0.8845	1.000	33.99	1.001	1.08	86.2	0.0369	1.08
12	1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8852	1.000	34.11	1.001	1.12	89.2	0.0334	1.12
13	2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0279	1.10
14	1,2,3,7,8,9-HxCDF	7.48e3	1.19	NO	0.8787	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15	1,2,3,4,5,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0524	1.09
16	1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0128	1.000	39.33	1.001	1.02	81.8	0.0523	1.02
17	OCDF	1.27e4	0.87	NO	0.8065	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18	13C-2,3,7,8-TCDD	1.43e6	0.30	NO	1.1563	1.000	26.54	1.026	111	111	0.0632	
19	13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20	13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	34.85	1.014	106	106	0.318	
21	13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0167	1.000	34.95	1.017	108	108	0.243	



Custom Reporting: Select reports to generate

200528R2_1 CAP NUM

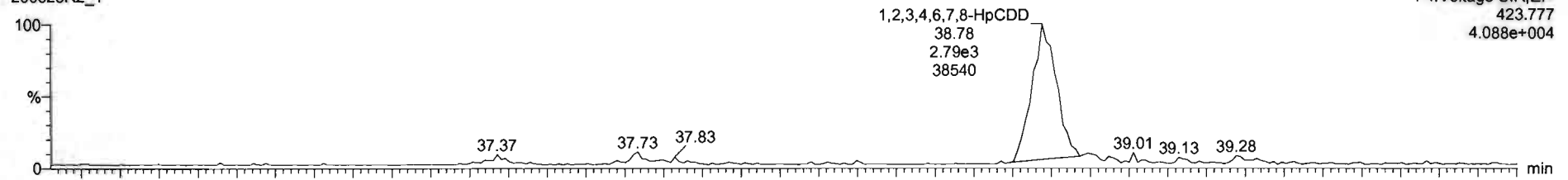
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

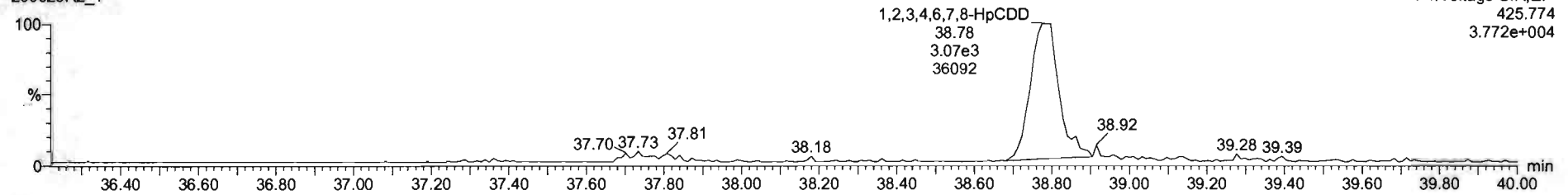
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

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

200528R2_1

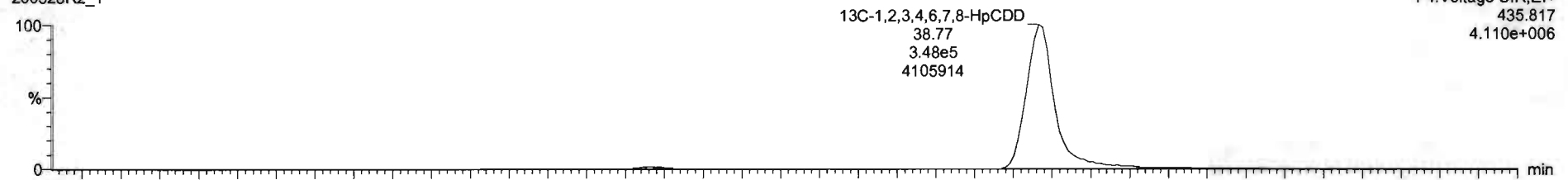


200528R2_1

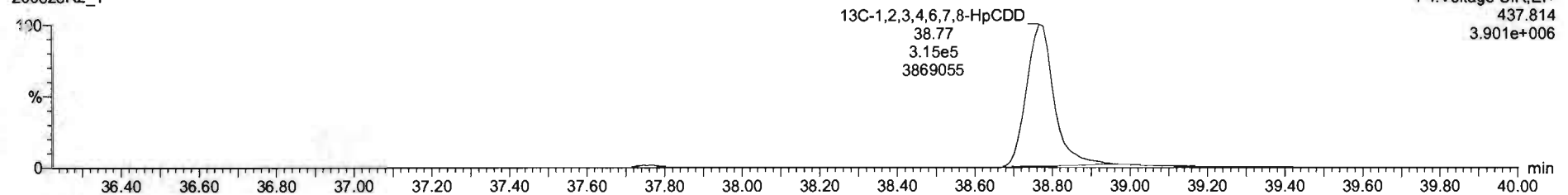


13C-1,2,3,4,6,7,8-HpCDD

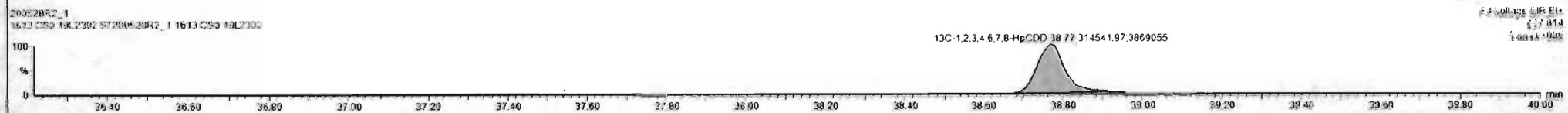
200528R2_1



200528R2_1



SI	Name	Reap	RA	nty	RRF	wtdvol	RT	RRT	Conc.	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.70e3	0.58	NO	0.8583	1.000	26.54	1.000	0.212	88.2	0.0247	0.212
2	1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	31.50	1.000	1.12	90.0	0.0282	1.12
3	1,2,3,4,7,8-HxCDD	5.02e3	1.27	NO	1.0324	1.000	34.86	1.000	1.12	69.4	0.0426	1.12
4	1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8923	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5	1,2,3,7,8,9-HxCDD	6.14e3	1.30	NO	0.8065	1.000	35.25	1.000	1.10	86.1	0.0464	1.10
6	1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8839	1.000	36.70	1.000	1.09	87.2	0.0506	1.09
7	OCDD	1.23e4	0.85	NO	0.9136	1.000	41.70	1.000	2.27	90.9	0.0470	2.27
8	2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	25.67	1.001	0.323	89.1	0.0142	0.222
9	1,2,3,7,8-PeCDF	1.46e4	1.51	NO	0.8925	1.000	30.20	1.000	1.09	67.1	0.0269	1.09
10	2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9348	1.000	31.19	1.000	1.12	89.2	0.0260	1.12
11	1,2,3,4,7,8-HxCDF	6.96e3	1.25	NO	0.8845	1.000	33.99	1.001	1.08	86.2	0.0369	1.08
12	1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8052	1.000	34.11	1.001	1.12	88.2	0.0334	1.12
13	2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0379	1.10
14	1,2,3,7,8,9-HxCDF	7.46e3	1.19	NO	0.8707	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15	1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0524	1.09
16	1,2,3,4,7,8,9-HxCDF	5.26e3	0.99	NO	1.0128	1.000	39.33	1.001	1.02	81.8	0.0523	1.02
17	OCDF	1.27e4	0.87	NO	0.8085	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18	13C-2,3,7,8-TCDD	1.43e8	0.80	NO	1.1563	1.000	26.54	1.026	111	111	0.0682	
19	13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8450	1.000	31.48	1.216	107	107	0.135	
20	13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	24.85	1.014	106	106	0.318	
21	13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0187	1.000	34.95	1.017	108	108	0.243	

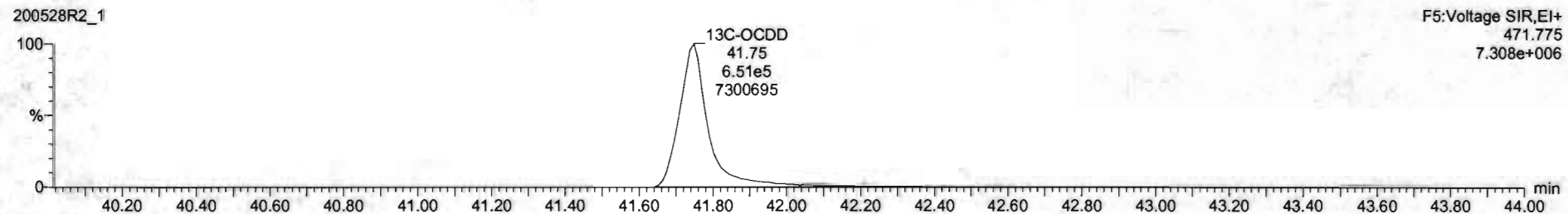
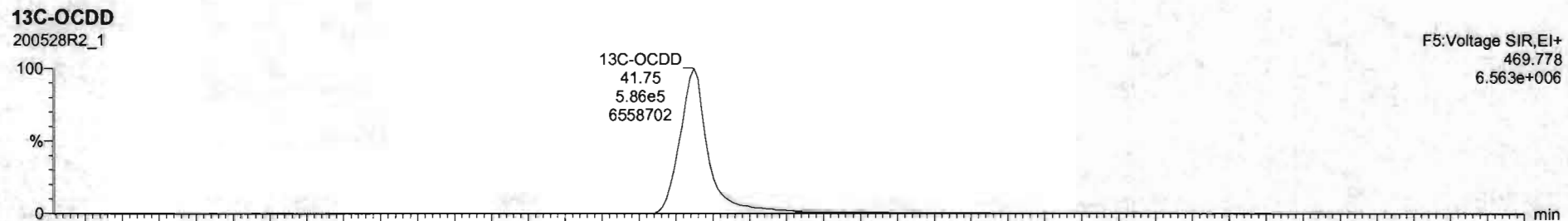
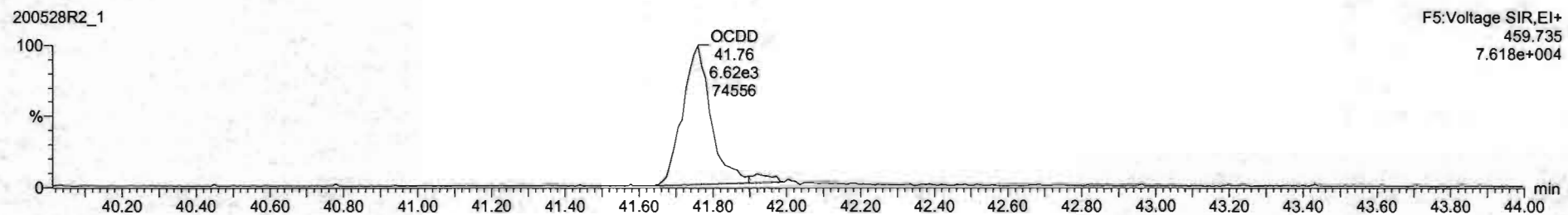
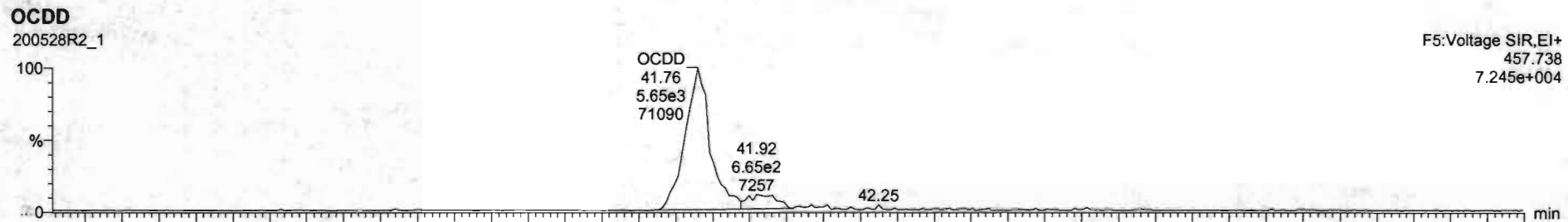


Dataset: Untitled

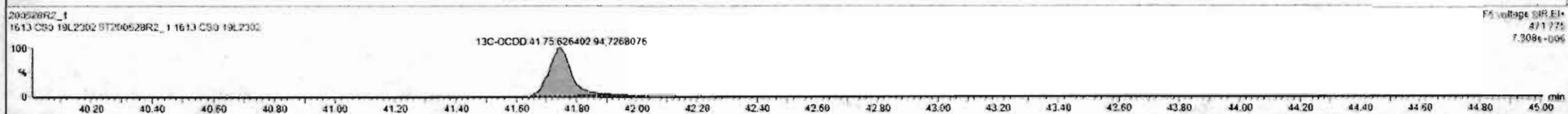
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302



#	Name	Resp	RA	nHy	RRF	wtVol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.70e3	0.68	NO	0.8863	1.000	26.54	1.000	0.212	85.2	0.0247	0.213
2	1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	31.50	1.000	1.12	90.0	0.0292	1.13
3	1,2,3,4,7,8-HxCDD	8.03e3	1.27	NO	1.0334	1.000	34.06	1.000	1.12	69.4	0.0426	1.12
4	1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8523	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5	1,2,3,7,8,9-HxCDD	8.14e3	1.20	NO	0.8205	1.000	35.25	1.000	1.10	88.1	0.0464	1.10
6	1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8639	1.000	36.78	1.000	1.09	87.2	0.0566	1.09
7	OCDD	1.23e4	0.85	NO	0.9138	1.000	41.78	1.000	2.27	90.9	0.0470	2.27
8	2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	25.67	1.001	0.223	89.1	0.0142	0.223
9	1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8925	1.000	30.20	1.000	1.09	87.1	0.0269	1.09
10	2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9346	1.000	31.19	1.000	1.12	89.2	0.0260	1.12
11	1,2,3,4,7,8-HxCDF	8.96e3	1.25	NO	0.8845	1.000	33.99	1.001	1.03	86.2	0.0369	1.03
12	1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8552	1.000	34.11	1.001	1.12	89.3	0.0334	1.12
13	2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0379	1.10
14	1,2,3,7,8,9-HxCDF	7.48e3	1.19	NO	0.8707	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15	1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0524	1.09
16	1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0128	1.000	39.33	1.001	1.02	81.8	0.0523	1.02
17	OCDF	1.27e4	0.87	NO	0.8065	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18	13C-2,3,7,8-TCDD	1.43e6	0.80	NO	1.1563	1.000	28.54	1.026	111	111	0.0682	
19	13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20	13C-1,2,3,4,7,8-HxCDD	8.95e5	1.27	NO	0.7750	1.000	34.85	1.014	106	106	0.318	
21	13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0187	1.000	34.95	1.017	108	108	0.243	



Custom Reporting: Select reports to generate

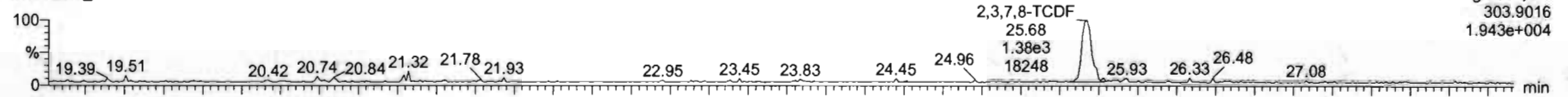
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

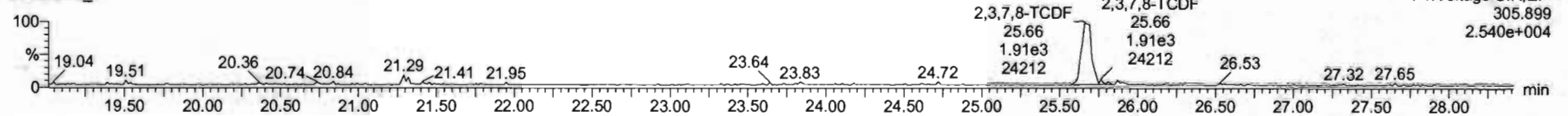
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

2,3,7,8-TCDF

200528R2_1

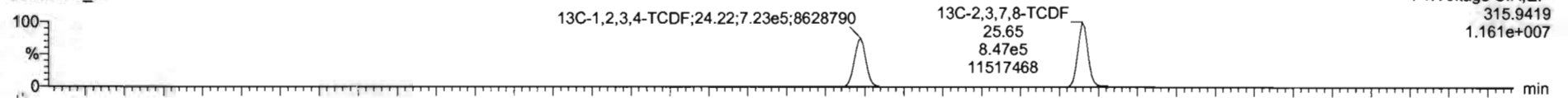


200528R2_1

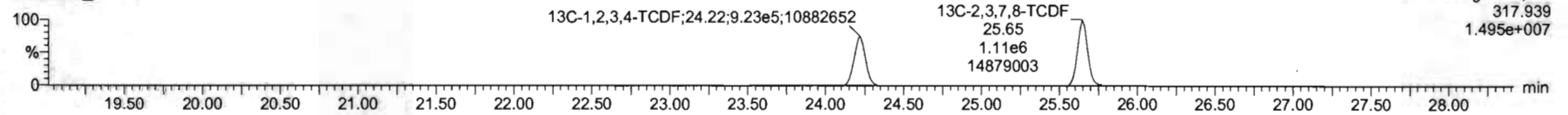


13C-2,3,7,8-TCDF

200528R2_1

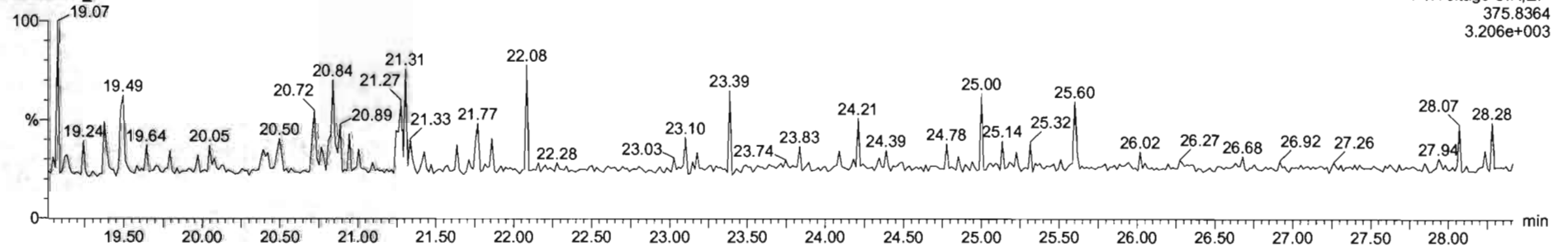


200528R2_1

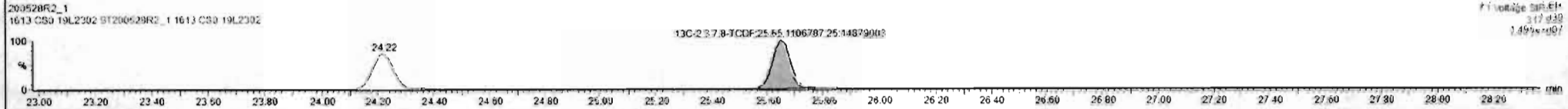
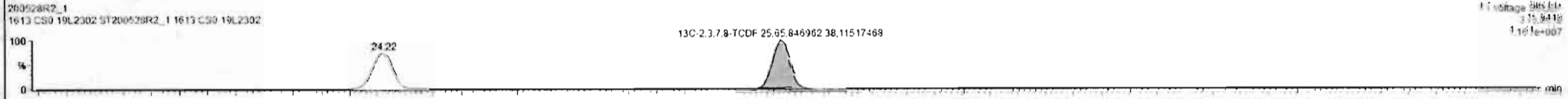
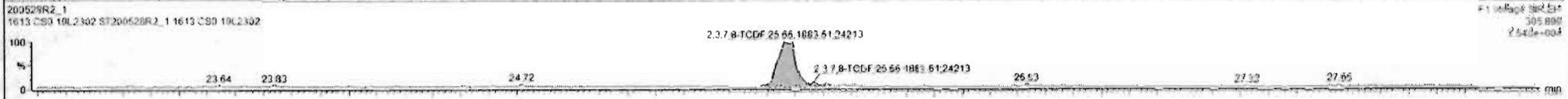
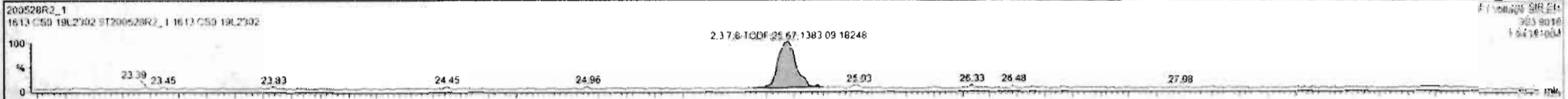


DPE1

200528R2_1



#	Name	Resp	RA	n/y	RRF	w/vol	RT	RRT	Conc.	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.70e3	0.68	NO	0.8883	1.000	26.54	1.000	0.212	95.2	0.0247	0.212
2	1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	21.50	1.000	1.12	90.6	0.0292	1.12
3	1,2,3,4,7,8-HxCDD	8.03e2	1.27	NO	1.0334	1.000	34.96	1.000	1.12	89.4	0.0426	1.12
4	1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8923	1.000	34.97	1.001	1.13	89.7	0.0465	1.12
5	1,2,3,7,8,9-HxCDD	8.14e3	1.20	NO	0.8865	1.000	35.25	1.000	1.10	88.1	0.0454	1.10
6	1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8639	1.000	36.78	1.000	1.09	87.2	0.0566	1.09
7	OCDD	1.23e4	0.85	NO	0.9136	1.000	41.76	1.000	2.27	90.9	0.0470	2.27
8	2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	25.67	1.001	0.223	89.1	0.0140	0.223
9	1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8925	1.000	20.20	1.006	1.09	87.1	0.0269	1.09
10	2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9348	1.000	21.19	1.000	1.12	89.2	0.0260	1.12
11	1,2,3,4,7,8-HxCDF	8.95e3	1.25	NO	0.8845	1.000	33.99	1.001	1.00	86.2	0.0369	1.00
12	1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8862	1.000	34.11	1.001	1.12	89.3	0.0334	1.12
13	2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0279	1.10
14	1,2,3,7,8,9-HxCDF	7.48e3	1.19	NO	0.8707	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15	1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0624	1.09
16	1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0126	1.000	39.33	1.001	1.02	61.6	0.0523	1.02
17	OCDF	1.27e4	0.87	NO	0.8085	1.000	41.96	1.000	2.23	92.4	0.0409	2.23
18	13C-2,3,7,8-TCDD	1.42e6	0.80	NO	1.1583	1.000	26.54	1.026	111	111	0.0682	
19	13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20	13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	34.85	1.014	106	106	0.318	
21	13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0167	1.000	34.95	1.017	168	168	0.243	



Custom Reporting: Select reports to generate

200528R2_1 CAP NUM

7:54 AM

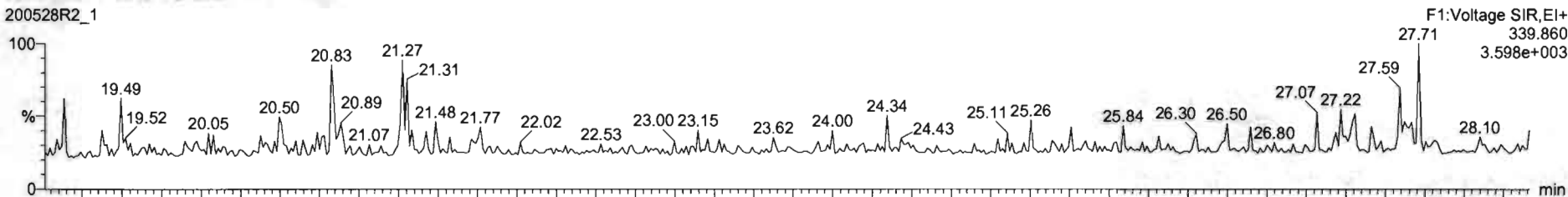
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

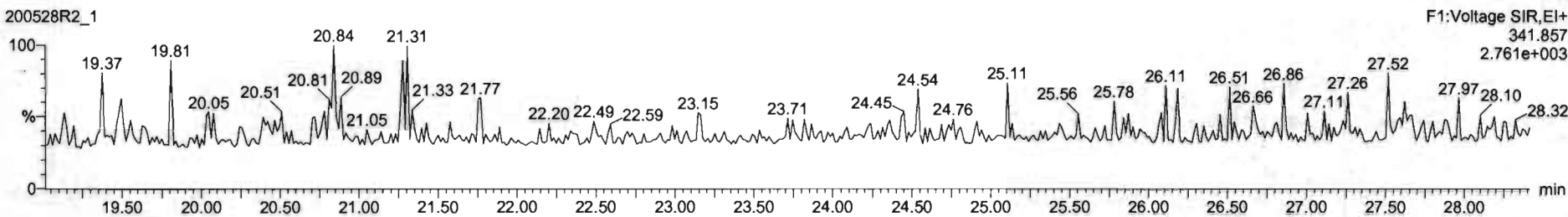
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

1st Func. Penta-Furans

200528R2_1

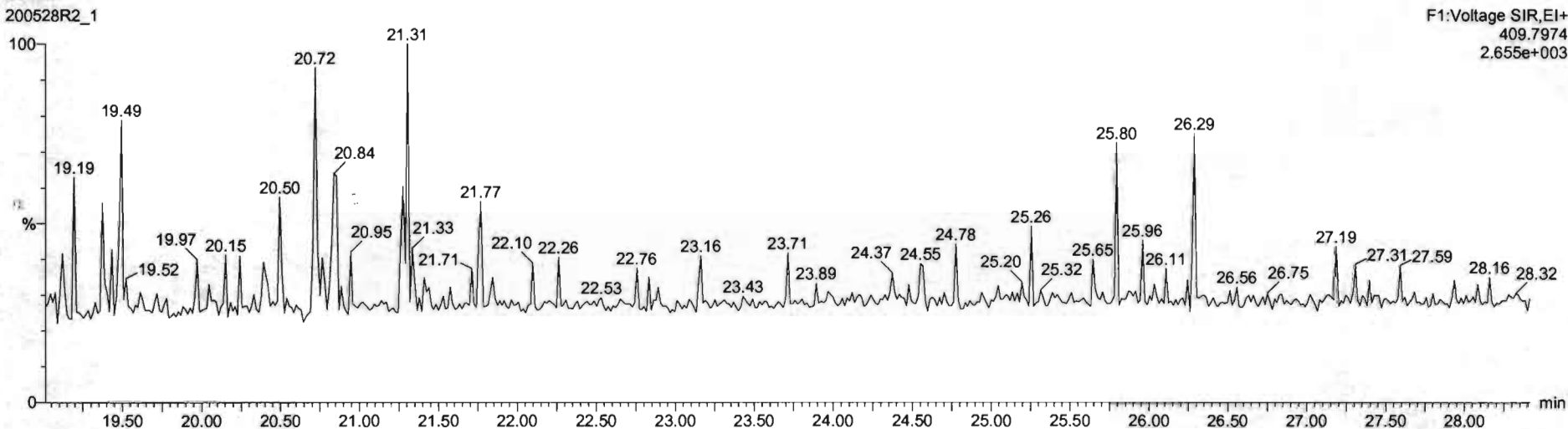


200528R2_1



DPE6

200528R2_1



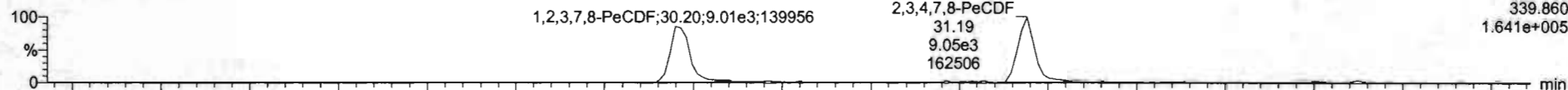
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

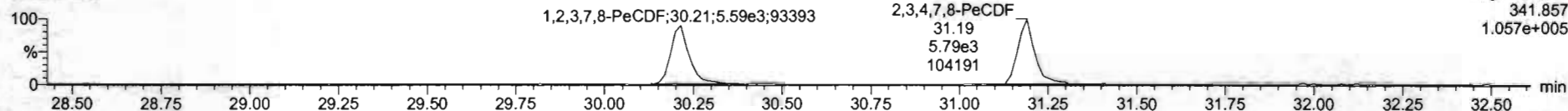
1,2,3,7,8-PeCDF

200528R2_1



F2:Voltage SIR,EI+
339.860
1.641e+005

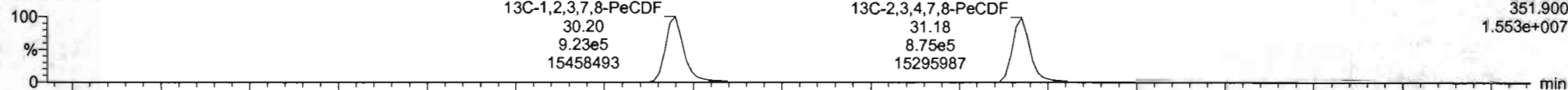
200528R2_1



F2:Voltage SIR,EI+
341.857
1.057e+005

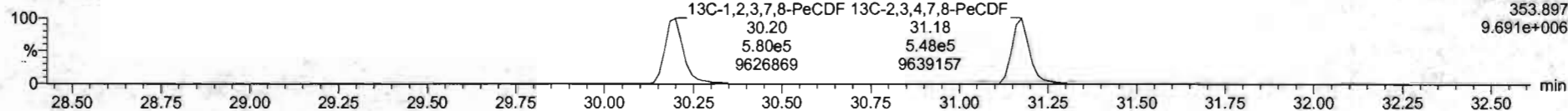
13C-1,2,3,7,8-PeCDF

200528R2_1



F2:Voltage SIR,EI+
351.900
1.553e+007

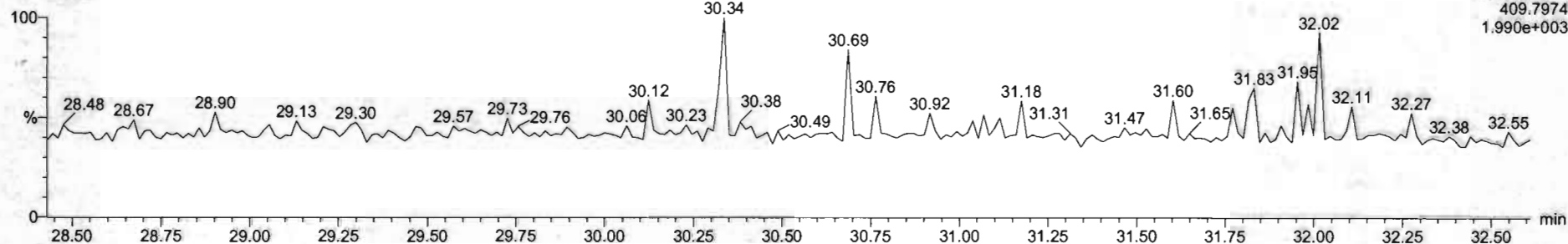
200528R2_1



F2:Voltage SIR,EI+
353.897
9.691e+006

DPE2

200528R2_1



F2:Voltage SIR,EI+
409.7974
1.990e+003

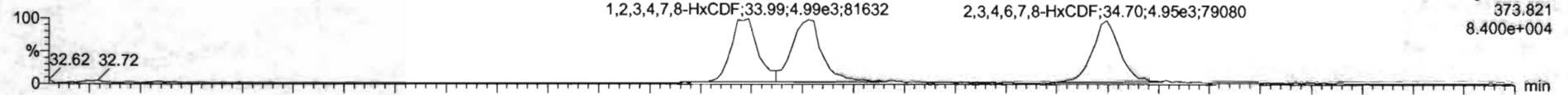
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

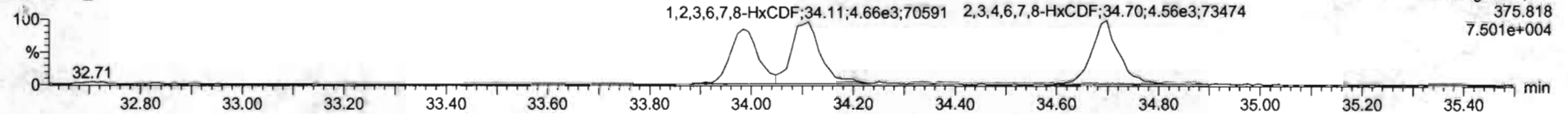
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

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

200528R2_1

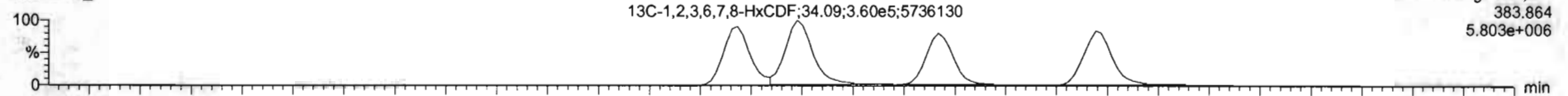


200528R2_1

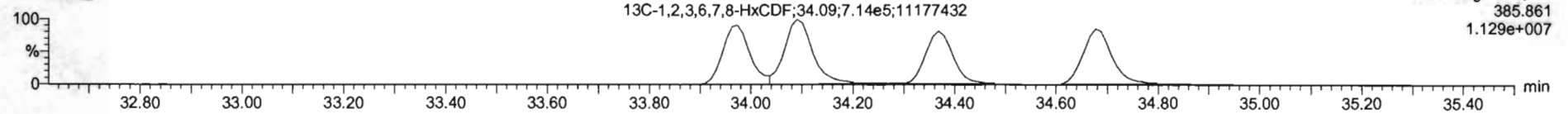


13C-1,2,3,4,7,8-HxCDF

200528R2_1

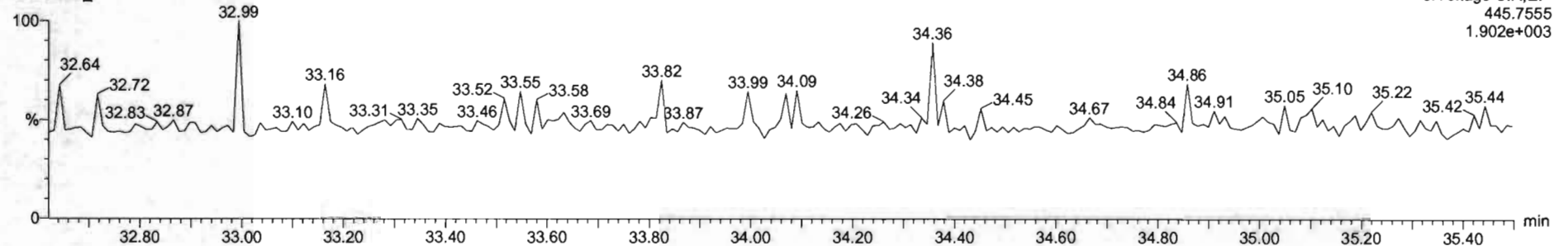


200528R2_1

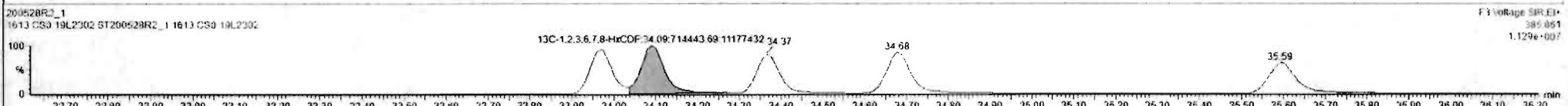
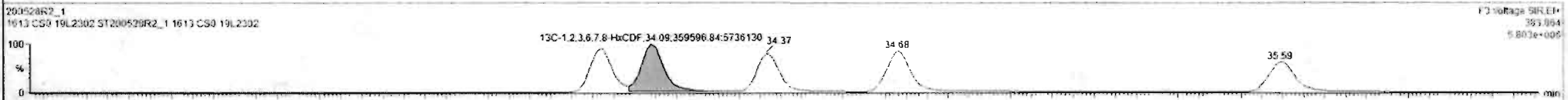
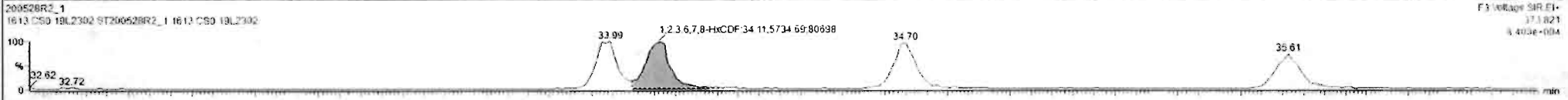


DPE3

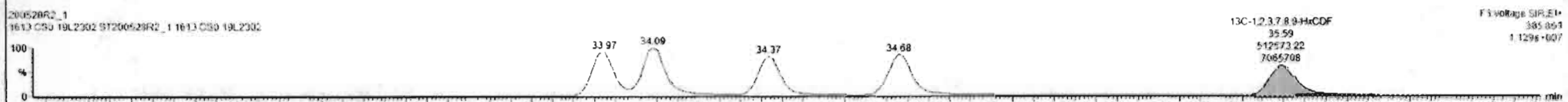
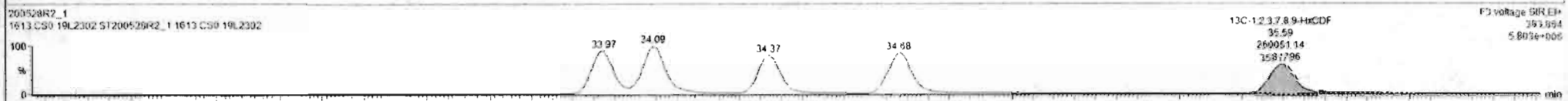
200528R2_1



Name	Resp	RA	inj	RRF	wtVol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	2.70e3	0.58	NO	0.8883	1.000	26.54	1.000	0.213	85.2	0.0247	0.213
2 1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.6051	1.000	31.50	1.000	1.12	90.0	0.0292	1.12
3 1,2,3,4,7,8-HxCDD	8.03e3	1.27	NO	1.0324	1.000	24.86	1.000	1.12	89.4	0.0426	1.12
4 1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8923	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5 1,2,3,7,8,9-HxCDD	5.14e3	1.20	NO	0.8265	1.000	35.25	1.000	1.10	88.1	0.0464	1.10
6 1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8639	1.000	38.78	1.000	1.09	87.2	0.0566	1.09
7 OCDD	1.23e4	0.85	NO	0.9126	1.000	41.76	1.000	2.27	90.9	0.0470	2.27
8 2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	26.67	1.001	0.223	89.1	0.0147	0.223
9 1,2,3,7,8-PeCDF	1.46e4	1.81	NO	0.8925	1.000	30.20	1.000	1.09	87.1	0.0709	1.09
10 2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9348	1.000	31.19	1.000	1.12	89.2	0.0260	1.12
11 1,2,3,4,7,8-HxCDF	6.56e3	1.25	NO	0.8845	1.000	33.99	1.001	1.05	86.2	0.0369	1.08
12 1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8082	1.000	34.11	1.001	1.12	89.3	0.0334	1.12
13 2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0279	1.10
14 1,2,3,7,8,9-HxCDF	7.46e3	1.19	NO	0.8707	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15 1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0524	1.09
16 1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0128	1.000	39.33	1.001	1.62	81.8	0.0523	1.02
17 OCDF	1.27e4	0.87	NO	0.8085	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18 13C-2,3,7,8-TCDD	1.43e6	0.30	NO	1.1563	1.000	26.54	1.026	111	111	0.0682	
19 13C-1,2,3,7,8-PeCDD	1.08e6	0.64	NO	0.8460	1.000	31.48	1.216	107	107	0.135	
20 13C-1,2,3,4,7,8-HxCDD	6.95e6	1.27	NO	0.7790	1.000	24.85	1.014	106	106	0.318	
21 13C-1,2,3,6,7,8-HxCDD	9.27e6	1.27	NO	1.0167	1.000	34.95	1.017	108	108	0.243	



#	Name	Resp	RA	ntf	RRF	wtVol	RT	RRT	Conc.	%Rec	DL	EMPC
1	2,3,7,8-TCDD	2.76e3	0.68	NO	0.8883	1.000	26.54	1.000	0.213	95.2	0.0247	0.213
2	1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	31.55	1.000	1.12	96.0	0.0292	1.12
3	1,2,3,4,7,8-HxCDD	8.03e3	1.27	NO	1.0334	1.000	24.96	1.000	1.12	89.4	0.0426	1.12
4	1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8523	1.000	24.97	1.001	1.12	89.7	0.0405	1.12
5	1,2,3,7,8,9-HxCDD	8.14e3	1.20	NO	0.8265	1.000	25.25	1.000	1.10	88.1	0.0464	1.10
6	1,2,3,4,6,7,8-HpCDD	6.16e3	0.99	NO	0.8630	1.000	26.72	1.000	1.09	87.2	0.0566	1.09
7	OCDD	1.23e4	0.85	NO	0.9136	1.000	41.76	1.000	2.27	90.9	0.0470	2.27
8	2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	25.67	1.001	0.225	89.1	0.0142	0.225
9	1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8325	1.000	20.20	1.000	1.09	87.1	0.0265	1.09
10	1,2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9346	1.000	21.19	1.000	1.12	89.2	0.0260	1.12
11	1,2,3,4,7,8,9-HxCDF	6.98e3	1.25	NO	0.8545	1.000	23.95	1.001	1.08	86.2	0.0369	1.08
12	1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8252	1.000	24.11	1.001	1.12	89.3	0.0334	1.12
13	2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	24.70	1.001	1.10	88.3	0.0279	1.10
14	1,2,3,7,8,9-HxCDF	7.46e3	1.19	NO	0.8707	1.000	25.61	1.001	1.11	89.0	0.0549	1.11
15	1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	27.37	1.000	1.09	86.9	0.0524	1.09
16	1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0126	1.000	20.33	1.001	1.02	81.6	0.0523	1.02
17	OCDF	1.27e4	0.87	NO	0.8065	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18	13C-2,3,7,8-TCDD	1.42e6	0.80	NO	1.1563	1.000	26.54	1.026	111	111	0.0832	
19	13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20	13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	24.85	1.014	106	106	0.318	
21	13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0167	1.000	24.95	1.017	108	108	0.243	



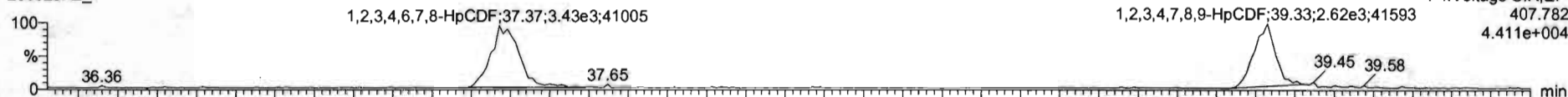
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

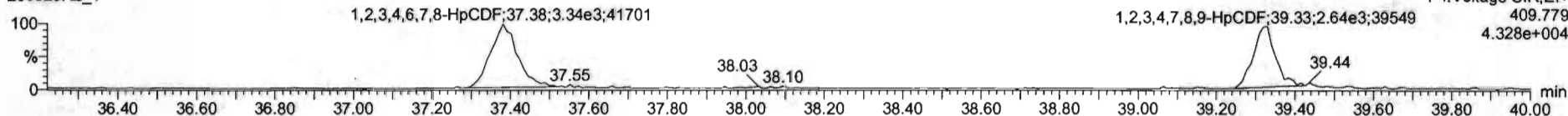
Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

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

200528R2_1

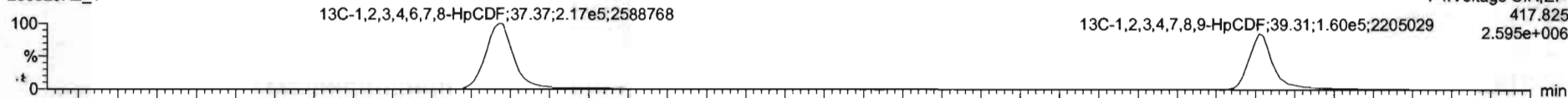


200528R2_1

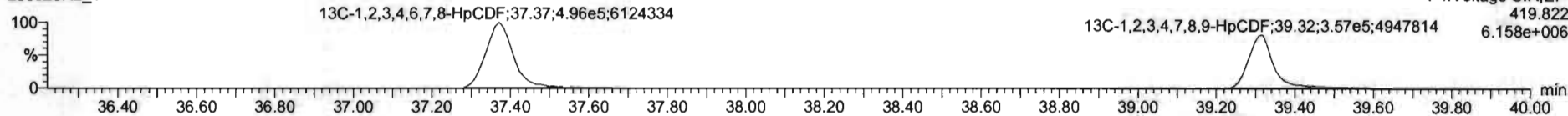


13C-1,2,3,4,6,7,8-HpCDF

200528R2_1

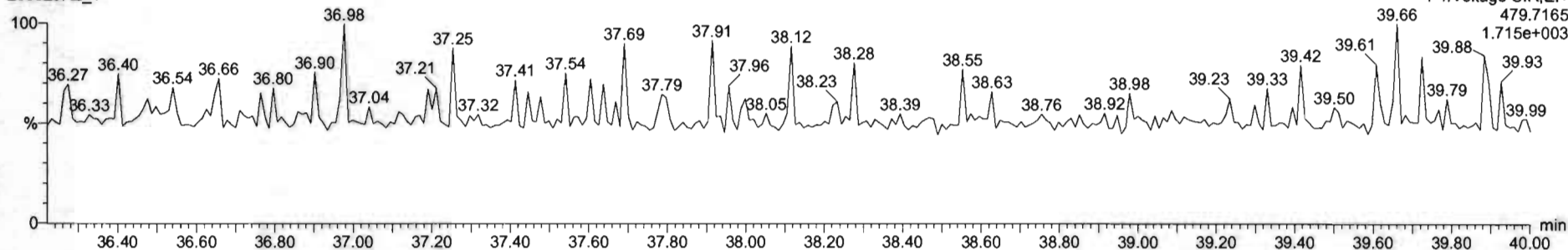


200528R2_1

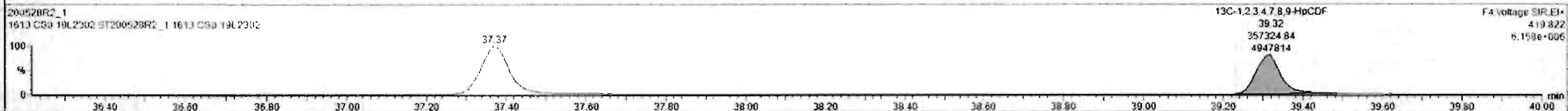
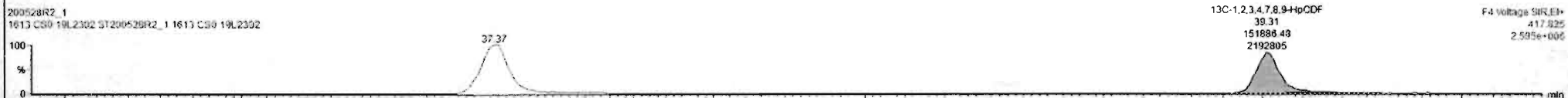
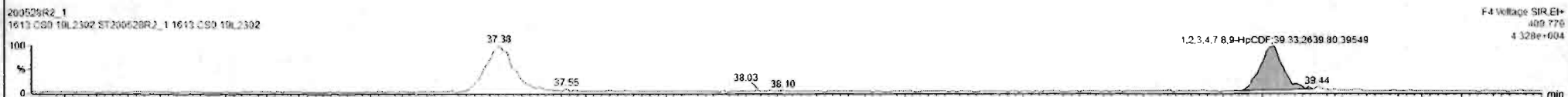


CPE4

200528R2_1



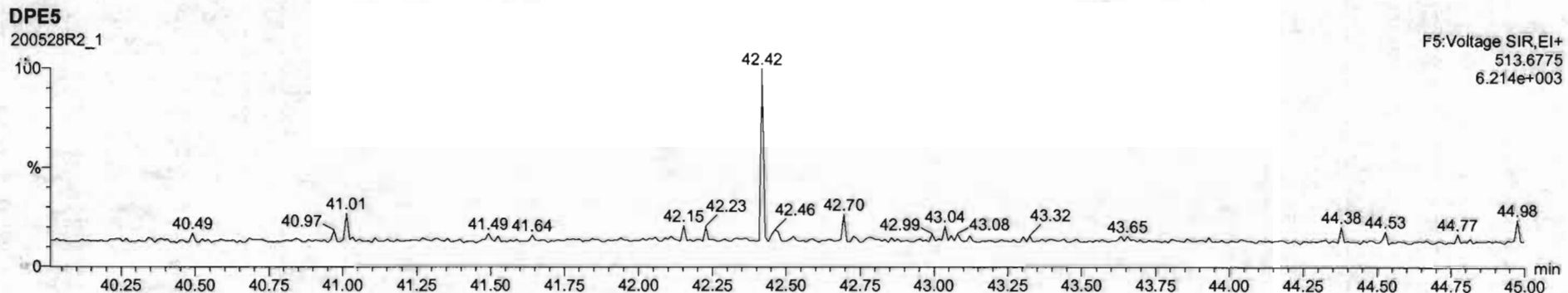
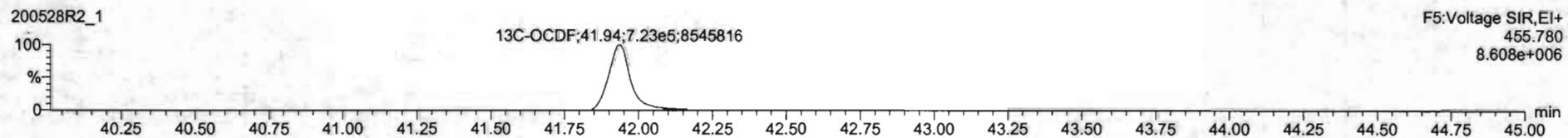
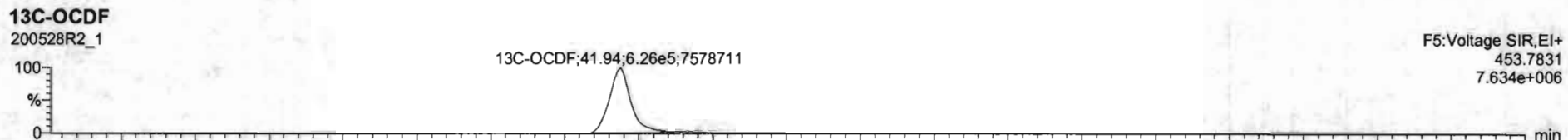
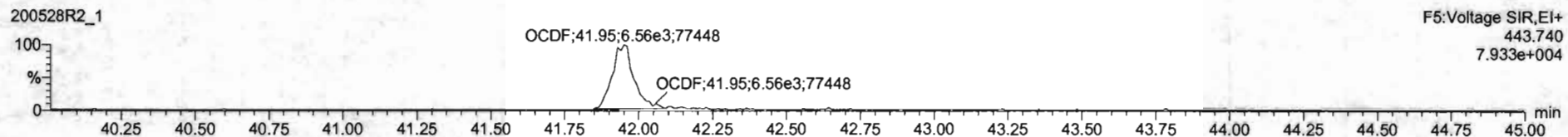
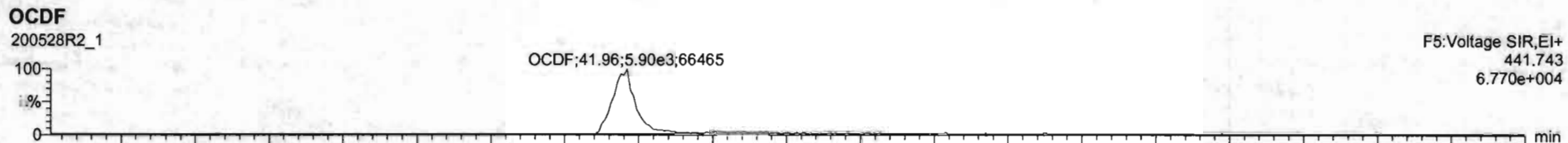
Name	Resp	RA	nBy	RRF	wtVol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	2.79e3	0.68	NO	0.8983	1.000	26.54	1.000	0.213	85.2	0.0247	0.213
2 1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9081	1.000	31.50	1.000	1.12	90.0	0.0292	1.13
3 1,2,3,4,7,8-HxCDD	8.02e3	1.27	NO	1.0334	1.000	34.86	1.000	1.12	89.4	0.0426	1.12
4 1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.8923	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5 1,2,3,7,8,9-HxCDF	8.14e3	1.20	NO	0.8269	1.000	35.25	1.000	1.10	88.1	0.0404	1.10
6 1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.9639	1.000	36.78	1.000	1.09	87.2	0.0566	1.09
7 OCDD	1.23e4	0.85	NO	0.9136	1.000	41.76	1.000	2.27	90.0	0.0470	2.27
8 2,3,7,8-TCDF	3.27e3	0.73	NO	0.7510	1.000	25.87	1.001	0.223	89.1	0.0142	0.223
9 1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8925	1.000	30.20	1.000	1.09	87.1	0.0269	1.09
10 2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9346	1.000	31.19	1.000	1.12	89.2	0.0260	1.12
11 1,2,3,4,7,8-HxCDF	6.98e3	1.25	NO	0.8845	1.000	33.99	1.001	1.08	86.2	0.0369	1.08
12 1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8852	1.000	34.11	1.001	1.12	89.0	0.0334	1.12
13 2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0279	1.10
14 1,2,3,7,8,9-HxCDF	7.48e3	1.19	NO	0.8797	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15 1,2,3,4,6,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	88.9	0.0524	1.09
16 1,2,3,4,7,8,9-HpCDF	5.26e3	0.99	NO	1.0126	1.000	39.35	1.001	1.02	81.6	0.0523	1.02
17 OCDF	1.27e4	0.87	NO	0.8065	1.000	41.96	1.000	2.33	92.4	0.0409	2.33
18 13C-2,3,7,8-TCDD	1.42e6	0.80	NO	1.1563	1.000	26.54	1.026	111	111	0.0682	
19 13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20 13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	34.85	1.014	106	106	0.218	
21 13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0167	1.000	34.95	1.017	108	108	0.243	



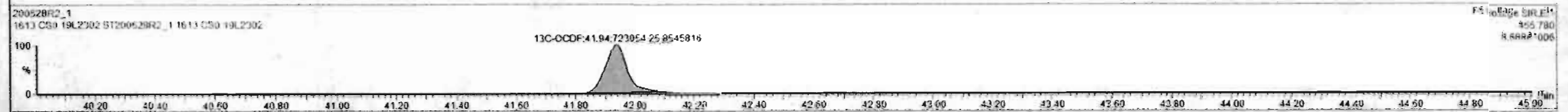
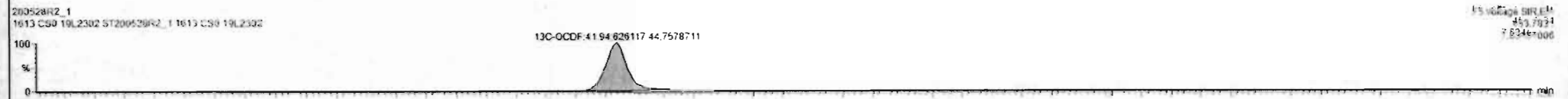
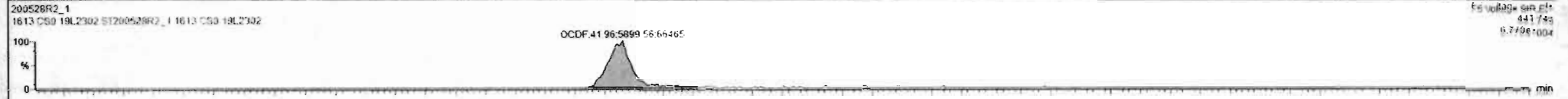
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302



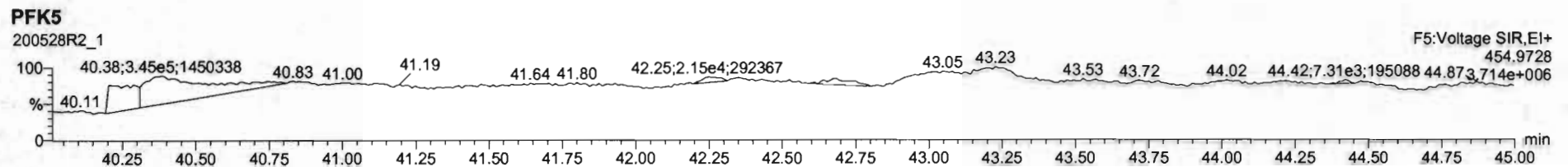
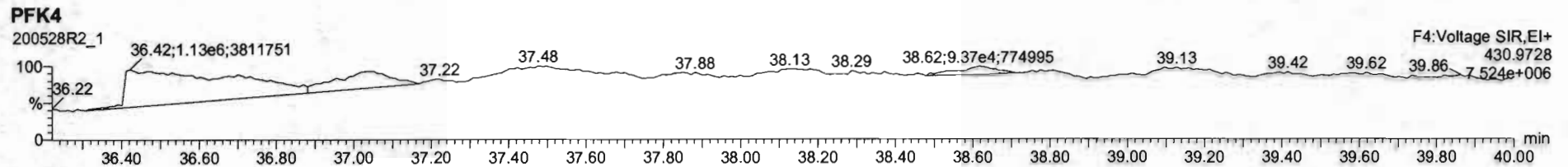
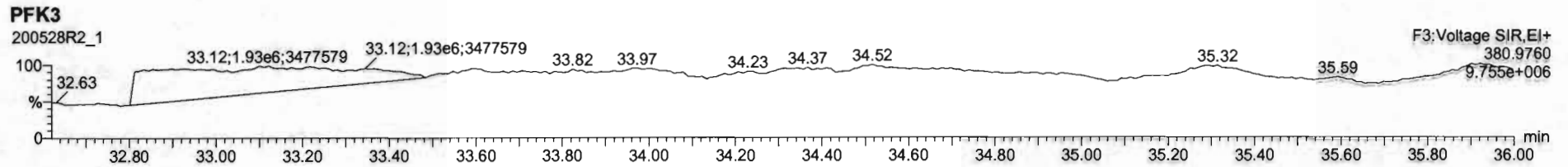
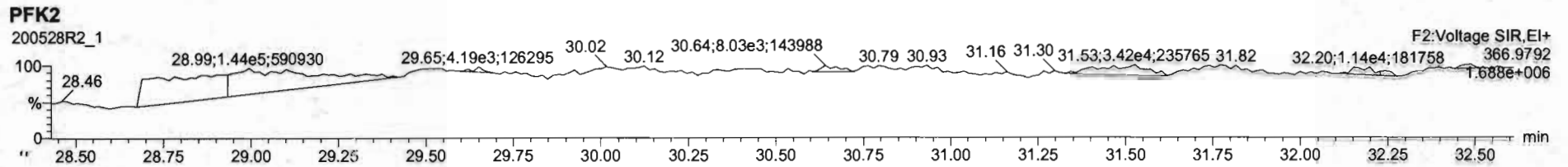
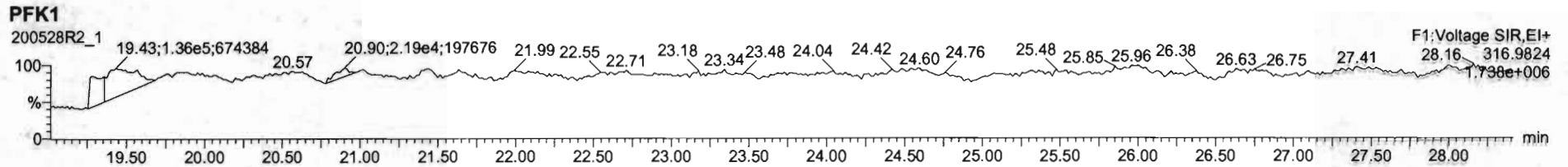
Name	Resp	RA	aly	RRF	wtWt	RT	RRT	Conc	%Rec	QL	EMPC
1 2,3,7,8-TCDD	2.70e3	0.98	NO	0.8803	1.000	26.54	1.000	0.212	85.2	0.0247	0.212
2 1,2,3,7,8-PeCDD	1.03e4	0.66	NO	0.9041	1.000	31.60	1.000	1.12	90.0	0.0202	1.12
3 1,2,3,4,7,8-HxCDD	0.03e3	1.27	NO	1.0324	1.000	34.86	1.000	1.12	89.4	0.042E	1.12
4 1,2,3,6,7,8-HxCDD	9.27e3	1.23	NO	0.9523	1.000	34.97	1.001	1.12	89.7	0.0405	1.12
5 1,2,3,7,8,9-HxCDD	8.14e3	1.20	NO	0.9205	1.000	35.25	1.000	1.10	88.1	0.0464	1.10
6 1,2,3,4,6,7,8-HpCDD	6.10e3	0.99	NO	0.8639	1.000	36.78	1.000	1.09	87.2	0.056E	1.09
7 OCDD	1.23e4	0.85	NO	0.9136	1.000	41.76	1.000	2.27	90.9	0.0470	2.27
8 2,3,7,8-TCDF	3.27e3	0.75	NO	0.7510	1.000	25.67	1.001	0.223	89.1	0.0142	0.223
9 1,2,3,7,8-PeCDF	1.46e4	1.61	NO	0.8925	1.000	30.20	1.000	1.09	87.1	0.0269	1.09
10 2,3,4,7,8-PeCDF	1.48e4	1.56	NO	0.9348	1.000	21.19	1.000	1.12	89.2	0.0260	1.12
11 1,2,3,4,7,8-HxCDF	6.98e3	1.25	NO	0.8845	1.000	33.99	1.001	1.08	86.2	0.0369	1.08
12 1,2,3,6,7,8-HxCDF	1.07e4	1.16	NO	0.8892	1.000	24.11	1.001	1.12	89.2	0.0334	1.12
13 2,3,4,6,7,8-HxCDF	9.51e3	1.09	NO	0.9341	1.000	34.70	1.001	1.10	88.3	0.0279	1.10
14 1,2,3,7,8,9-HxCDF	7.48e3	1.19	NO	0.8707	1.000	35.61	1.001	1.11	89.0	0.0549	1.11
15 1,2,3,4,5,7,8-HpCDF	6.77e3	1.03	NO	0.8734	1.000	37.37	1.000	1.09	86.9	0.0524	1.09
16 1,2,3,4,7,8,9-HpCDF	5.26e3	0.95	NO	1.0126	1.000	39.33	1.001	1.02	81.6	0.0523	1.02
17 OCDF	1.27e4	0.87	NO	0.8685	1.000	41.96	1.000	2.33	93.4	0.0409	2.33
18 13C-2,3,7,8-TCDD	1.43e6	0.80	NO	1.1563	1.000	26.54	1.026	111	111	0.0632	
19 13C-1,2,3,7,8-PeCDD	1.00e6	0.64	NO	0.8490	1.000	31.48	1.216	107	107	0.135	
20 13C-1,2,3,4,7,8-HxCDD	6.95e5	1.27	NO	0.7790	1.000	24.85	1.014	106	106	0.218	
21 13C-1,2,3,6,7,8-HxCDD	9.27e5	1.27	NO	1.0167	1.000	34.95	1.017	108	108	0.243	



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_1, Date: 28-May-2020, Time: 11:53:52, ID: ST200528R2_1 1613 CS0 19L2302, Description: 1613 CS0 19L2302



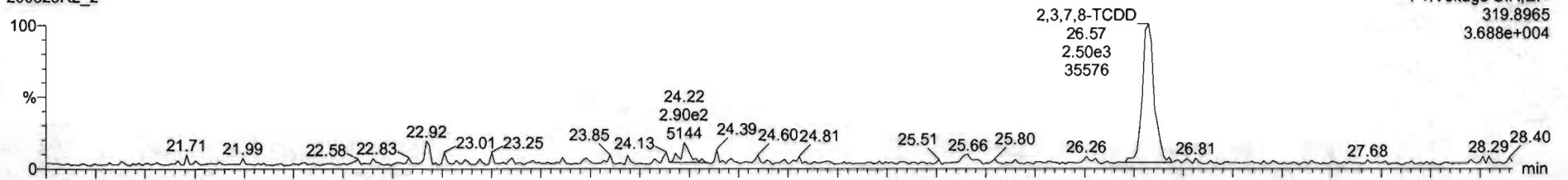
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

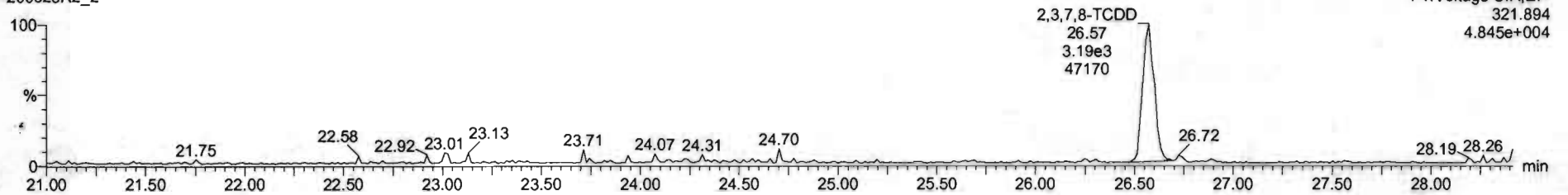
2,3,7,8-TCDD

200528R2_2



F1:Voltage SIR,EI+
319.8965
3.688e+004

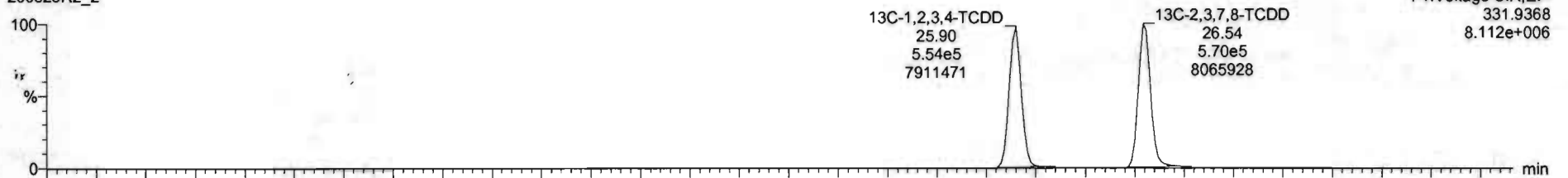
200528R2_2



F1:Voltage SIR,EI+
321.894
4.845e+004

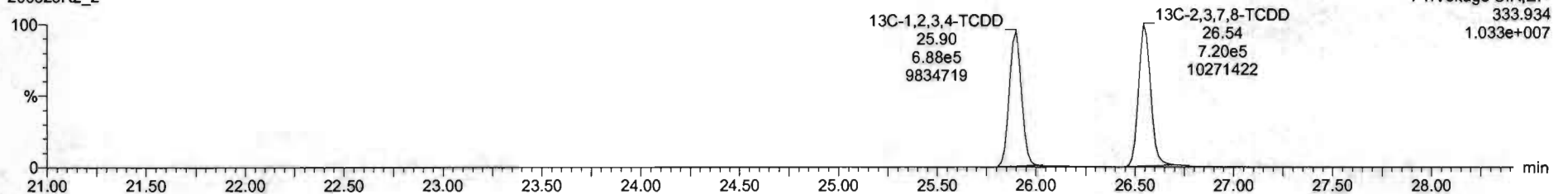
13C-2,3,7,8-TCDD

200528R2_2



F1:Voltage SIR,EI+
331.9368
8.112e+006

200528R2_2



F1:Voltage SIR,EI+
333.934
1.033e+007

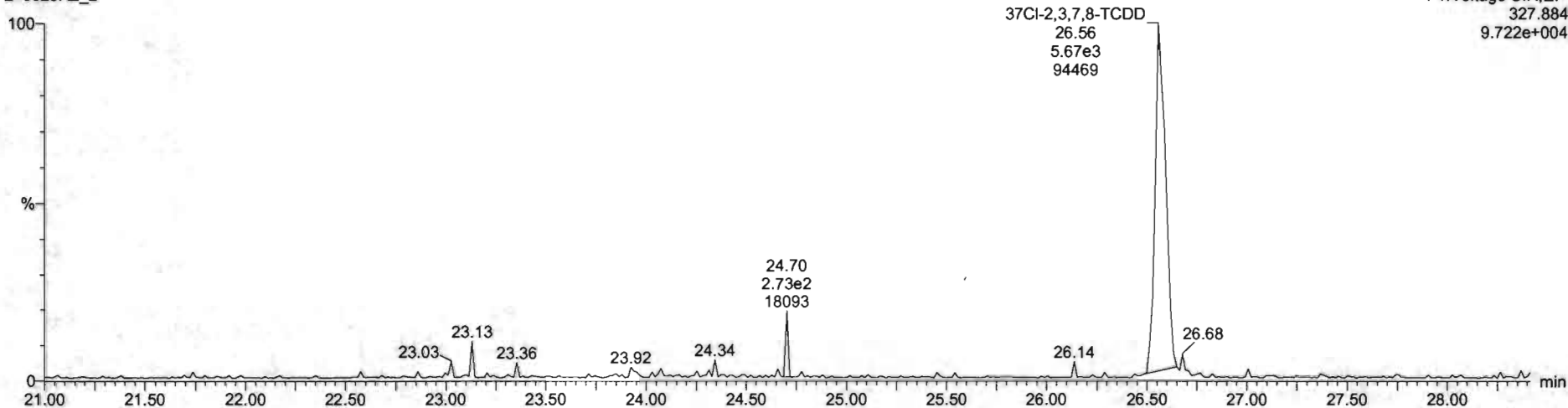
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

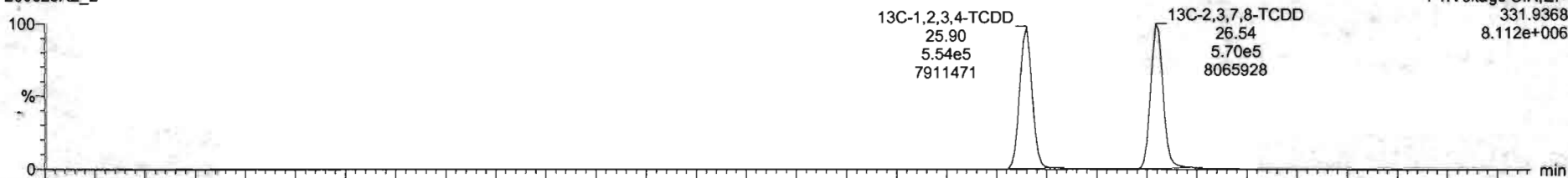
37Cl-2,3,7,8-TCDD

200528R2_2

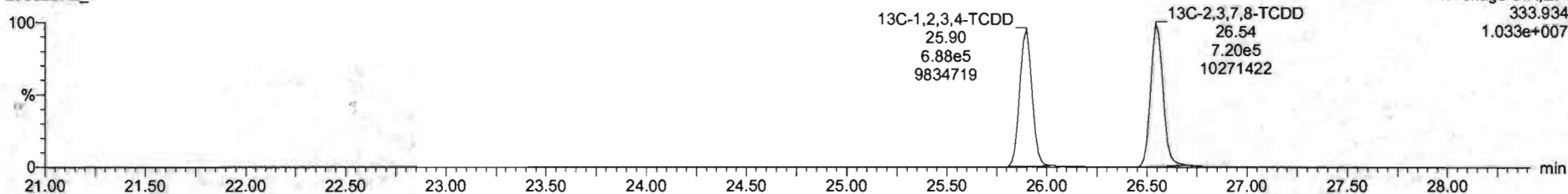


13C-1,2,3,4-TCDD

200528R2_2



200528R2_2



Dataset: Untitled

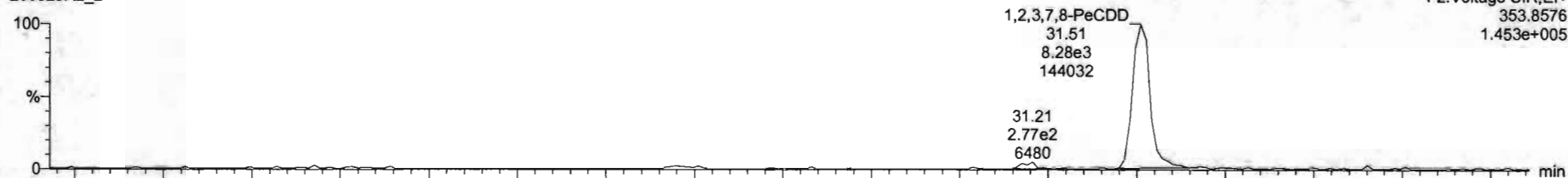
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

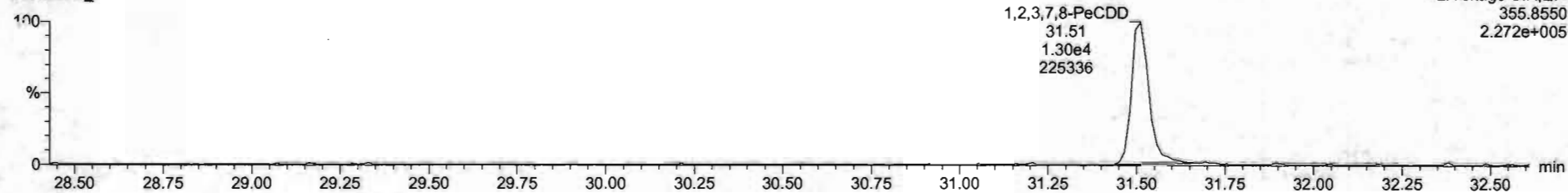
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

1,2,3,7,8-PeCDD

200528R2_2

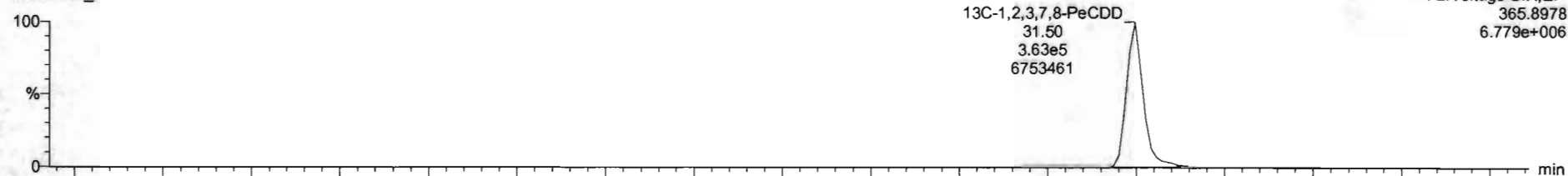


200528R2_2

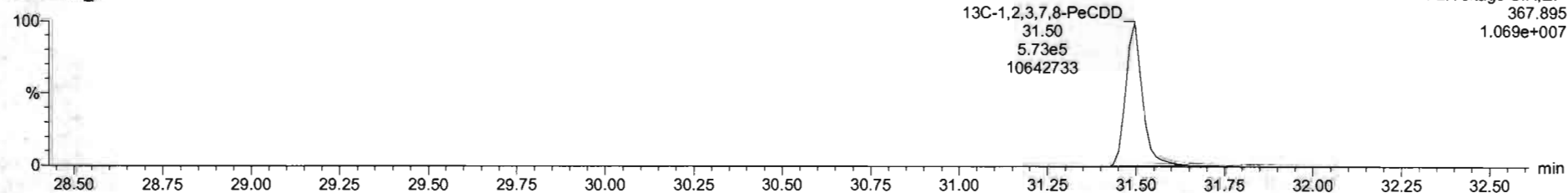


13C-1,2,3,7,8-PeCDD

200528R2_2



200528R2_2



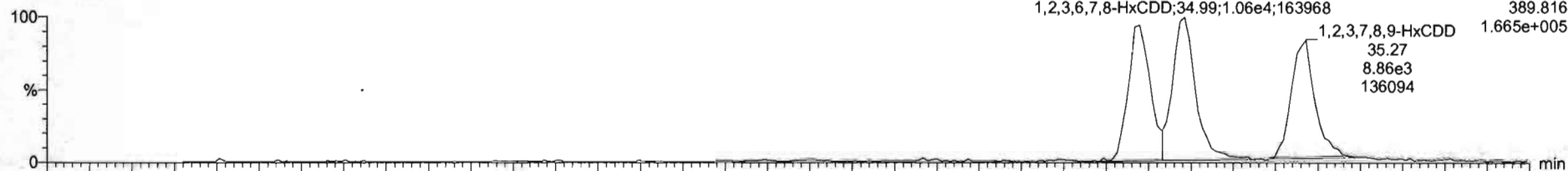
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

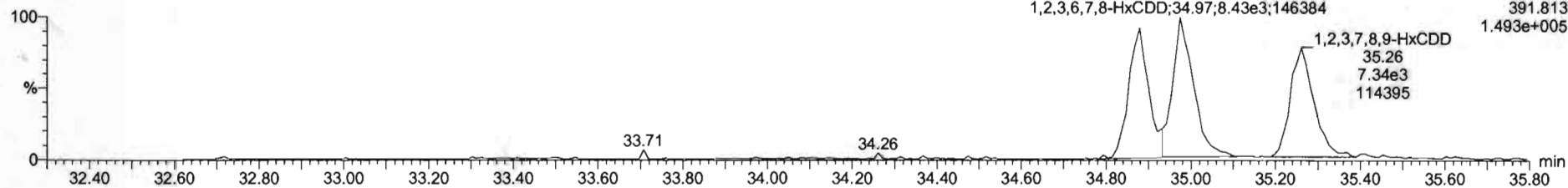
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

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

200528R2_2



200528R2_2

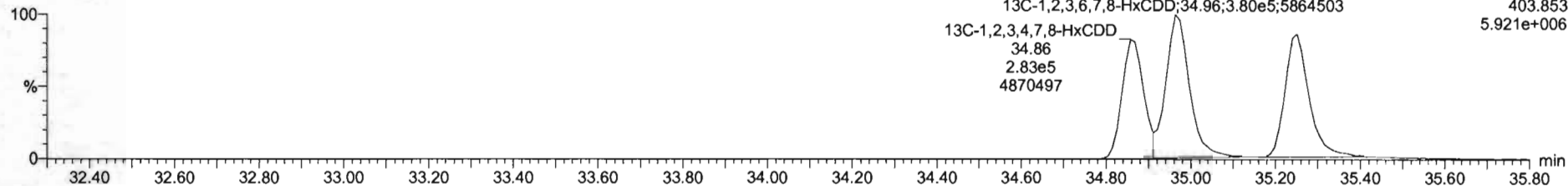


13C-1,2,3,4,7,8-HxCDD

200528R2_2



200528R2_2



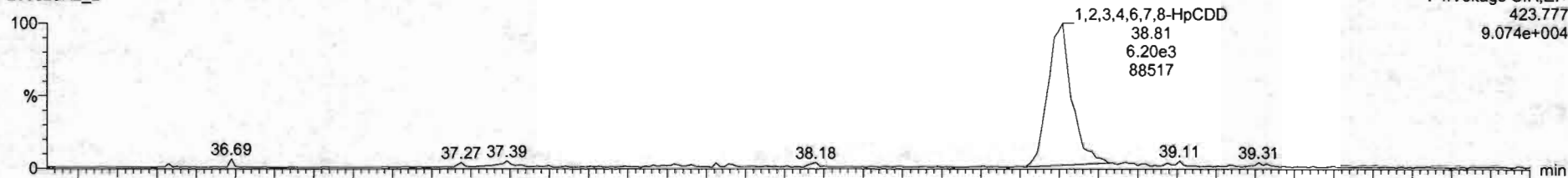
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

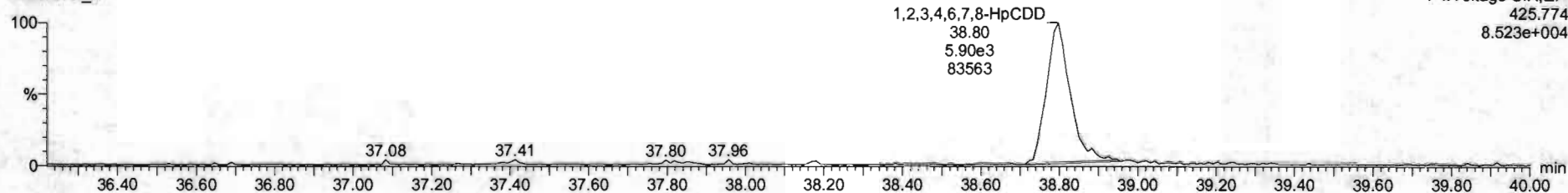
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

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

200528R2_2

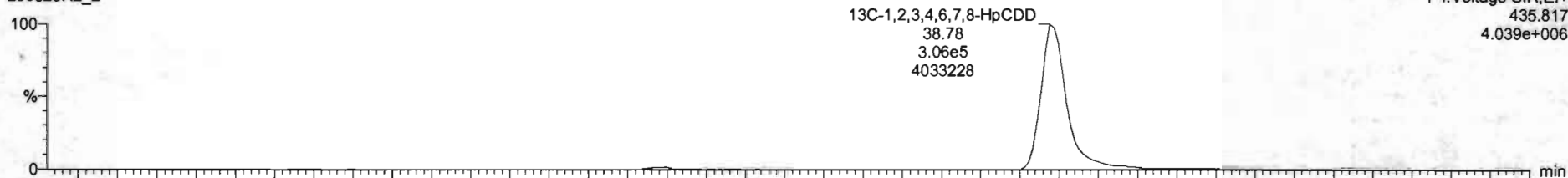


200528R2_2

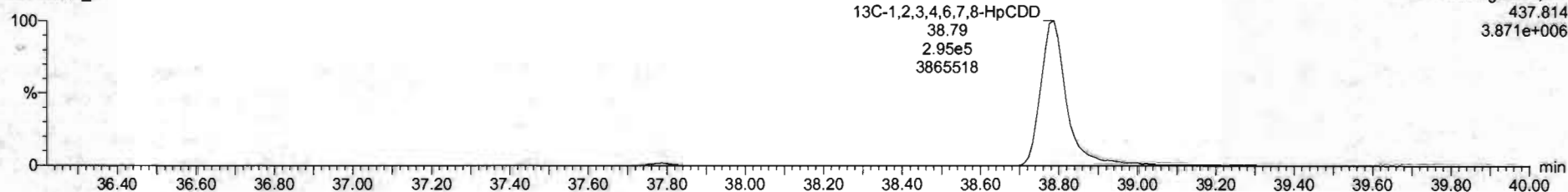


¹³C-1,2,3,4,6,7,8-HpCDD

200528R2_2



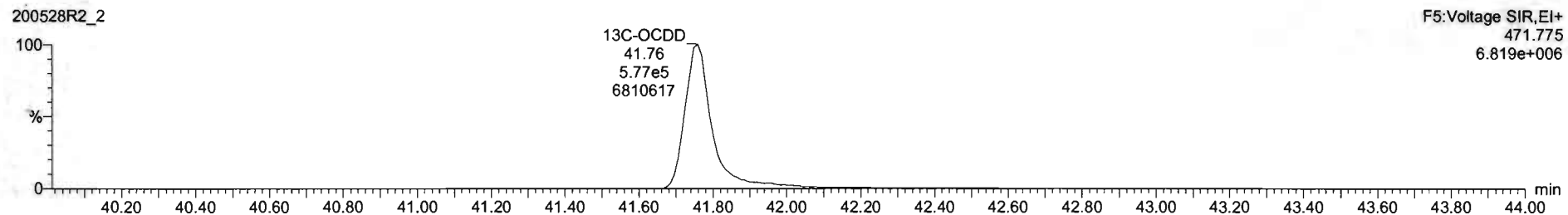
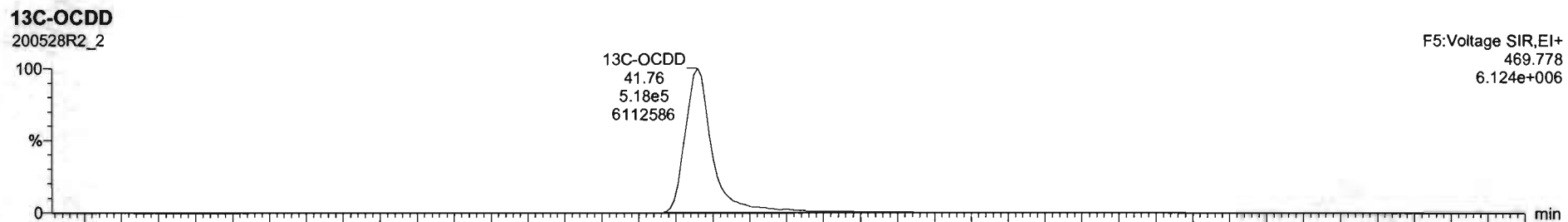
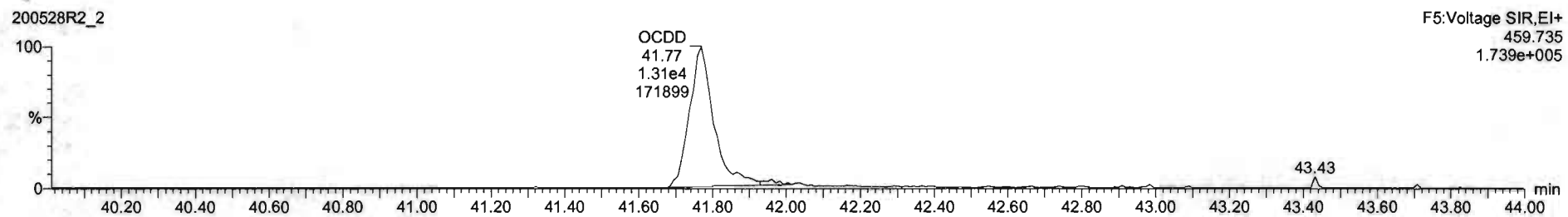
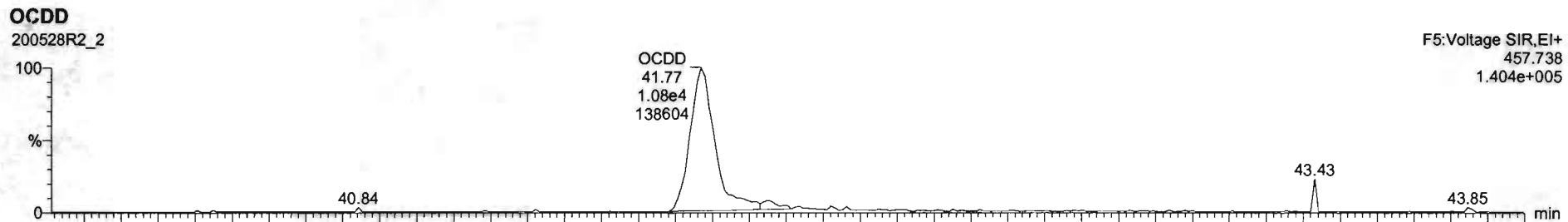
200528R2_2



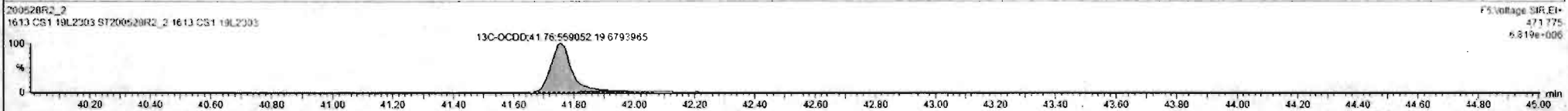
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303



Name	Resp	RA	nJy	RRF	wfVol	RT	RRT	Conc.	%Rec	DL	EMPC
1 2,3,7,8-TCDD	5.69e3	0.78	NO	0.8883	1.000	26.57	1.001	0.497	99.4	0.0473	0.497
2 1,2,3,7,8-PeCDD	2.12e4	0.84	NO	0.9081	1.000	31.51	1.000	2.50	99.9	0.0401	2.50
3 1,2,3,4,7,8-HxCDD	1.69e4	1.27	NO	1.0324	1.000	34.86	1.000	2.53	101	0.0774	2.53
4 1,2,3,6,7,8-HxCDD	1.50e4	1.25	NO	0.8923	1.000	34.99	1.001	2.47	98.5	0.0747	2.47
5 1,2,3,7,8,9-HxCDD	1.62e4	1.21	NO	0.8865	1.000	35.27	1.001	2.44	97.7	0.0676	2.44
6 1,2,3,4,6,7,8-HpCDD	1.21e4	1.05	NO	0.8639	1.000	36.61	1.001	2.33	93.3	0.0613	2.33
7 OCDD	2.39e4	0.83	NO	0.9136	1.000	41.77	1.000	4.97	98.4	0.149	4.97
8 2,3,7,8-TCDF	6.53e3	0.75	NO	0.7510	1.000	25.67	1.001	0.483	97.7	0.0670	0.488
9 1,2,3,7,8-PeCDF	3.08e4	1.55	NO	0.8925	1.000	30.23	1.000	2.52	101	0.0422	2.52
10 2,3,4,7,8-PeCDF	3.19e4	1.55	NO	0.9348	1.000	31.21	1.000	2.52	101	0.0395	2.52
11 1,2,3,4,7,8-HxCDF	1.81e4	1.19	NO	0.8845	1.000	33.99	1.000	2.41	96.3	0.0665	2.41
12 1,2,3,6,7,8-HxCDF	2.16e4	1.25	NO	0.8892	1.000	34.12	1.000	2.50	100	0.0642	2.50
13 2,3,4,6,7,8-HxCDF	1.93e4	1.26	NO	0.9241	1.000	34.71	1.001	2.38	96.3	0.0702	2.38
14 1,2,3,7,8,9-HxCDF	1.48e4	1.12	NO	0.8707	1.000	35.61	1.000	2.42	96.9	0.102	2.42
15 1,2,3,4,6,7,8-HpCDF	1.40e4	0.94	NO	0.8734	1.000	37.40	1.001	2.48	99.1	0.0580	2.48
16 1,2,3,4,7,8,9-HpCDF	1.03e4	0.98	NO	1.0128	1.000	39.32	1.000	2.33	93.3	0.0630	2.33
17 OCDF	2.40e4	0.84	NO	0.8065	1.000	41.96	1.000	4.89	97.8	0.0756	4.89
18 13C-2,3,7,8-TCDD	1.29e6	0.79	NO	1.1563	1.000	26.54	1.025	89.3	89.8	0.0928	
19 13C-1,2,3,7,8-PeCDD	9.36e5	0.83	NO	0.8490	1.000	31.50	1.216	88.7	88.7	0.113	
20 13C-1,2,3,4,7,8-HxCDD	6.46e5	1.28	NO	0.7790	1.000	34.87	1.014	85.9	85.9	0.183	
21 13C-1,2,3,6,7,8-HxCDD	6.81e5	1.27	NO	1.0187	1.000	34.95	1.017	87.7	87.7	0.140	

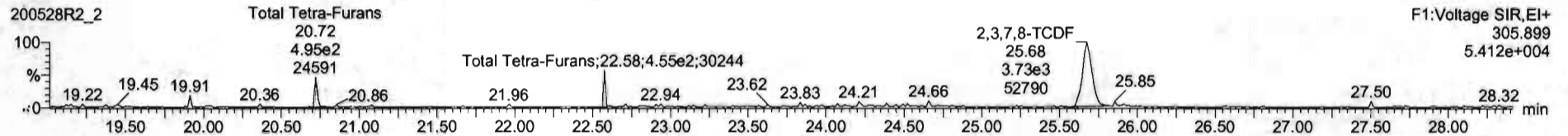
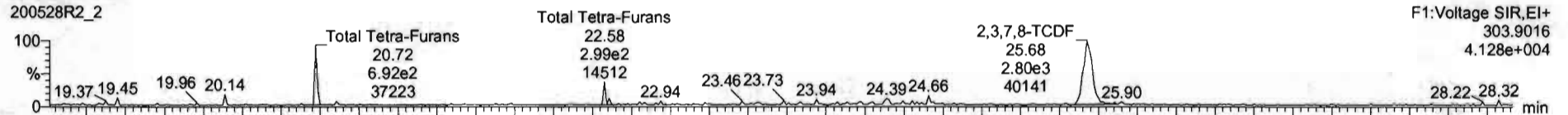


Dataset: Untitled

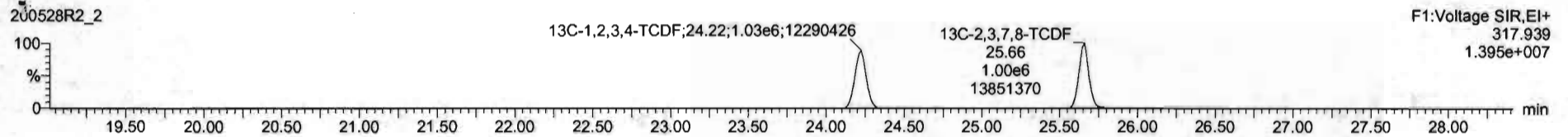
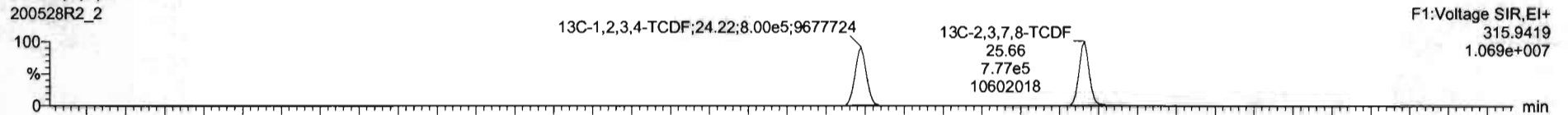
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

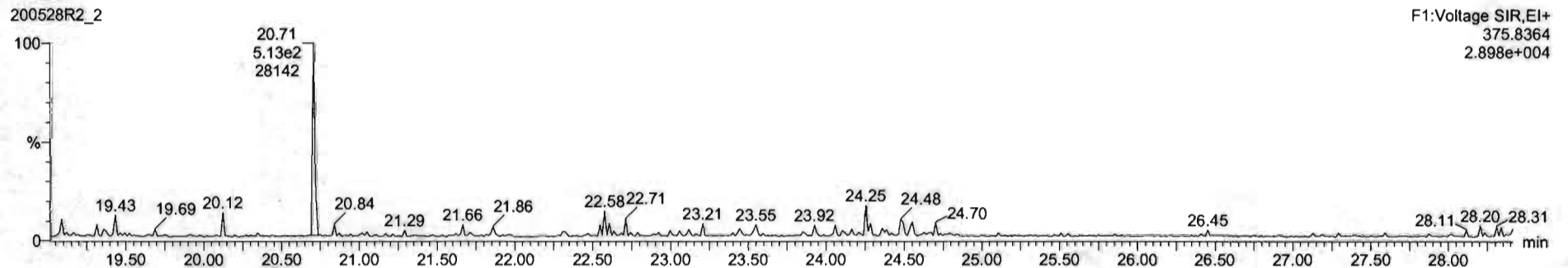
2,3,7,8-TCDF



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



DPE1



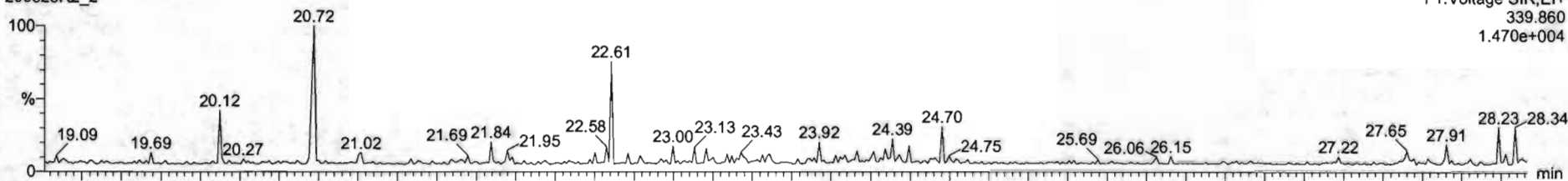
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

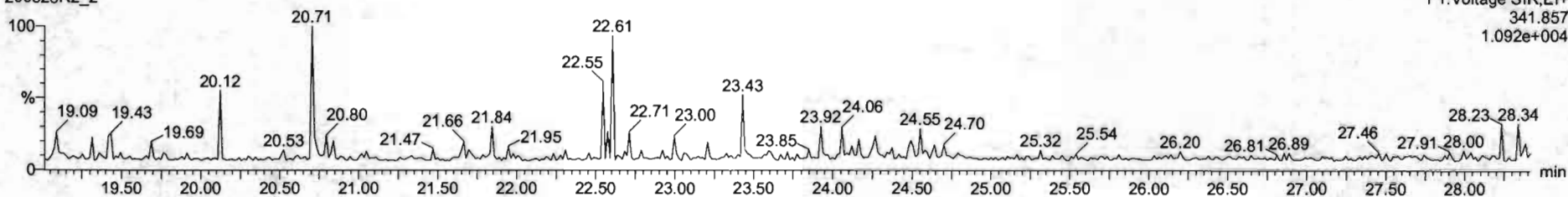
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

1st Func. Penta-Furans

200528R2_2

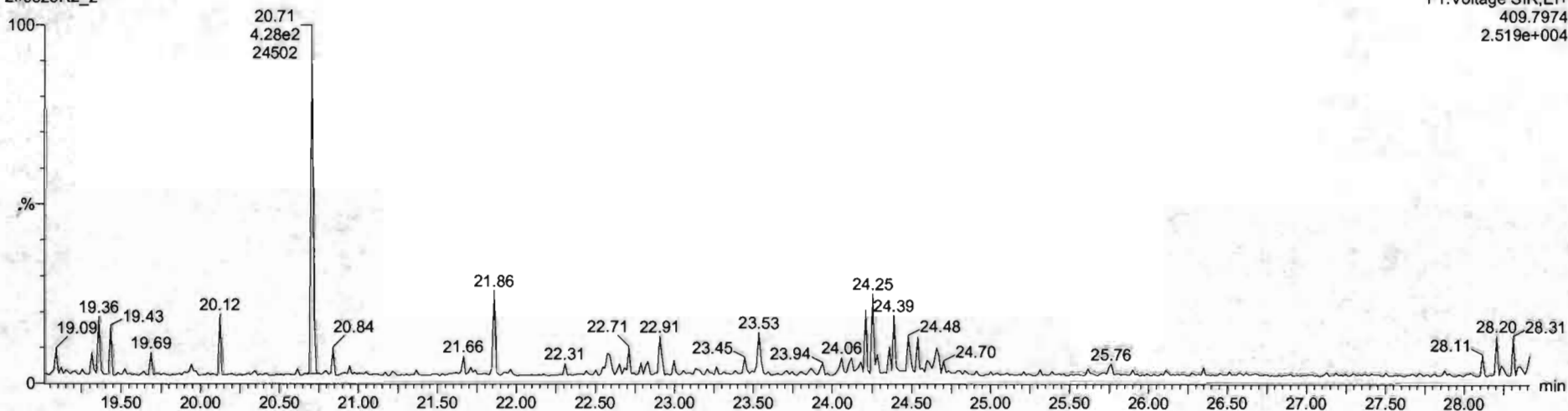


200528R2_2



DPE6

200528R2_2



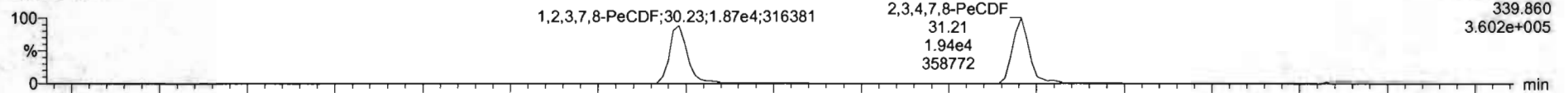
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

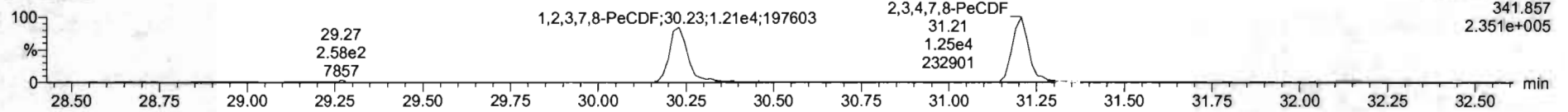
1,2,3,7,8-PeCDF

200528R2_2



F2:Voltage SIR,EI+
339.860
3.602e+005

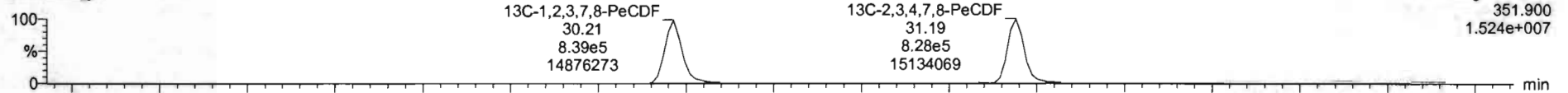
200528R2_2



F2:Voltage SIR,EI+
341.857
2.351e+005

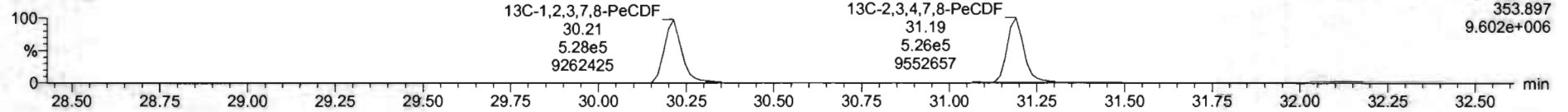
13C-1,2,3,7,8-PeCDF

200528R2_2



F2:Voltage SIR,EI+
351.900
1.524e+007

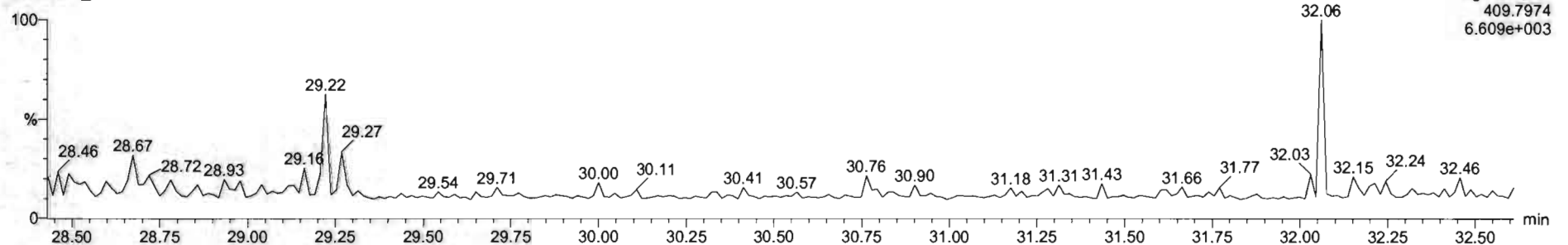
200528R2_2



F2:Voltage SIR,EI+
353.897
9.602e+006

DPE2

200528R2_2



F2:Voltage SIR,EI+
409.7974
6.609e+003

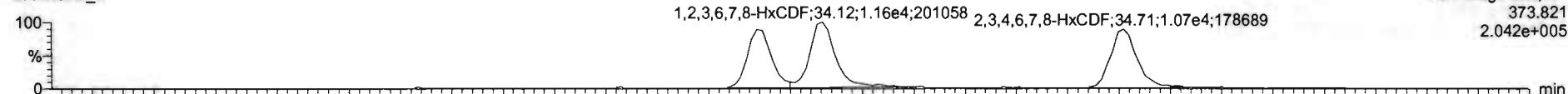
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

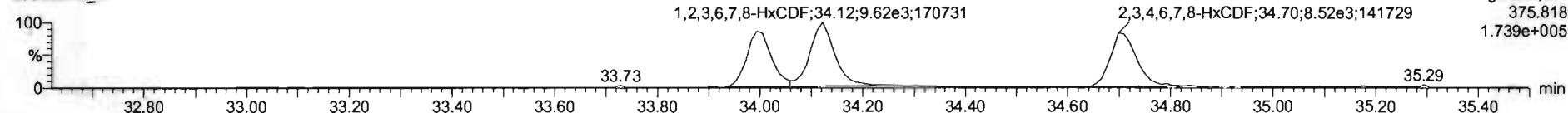
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

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

200528R2_2

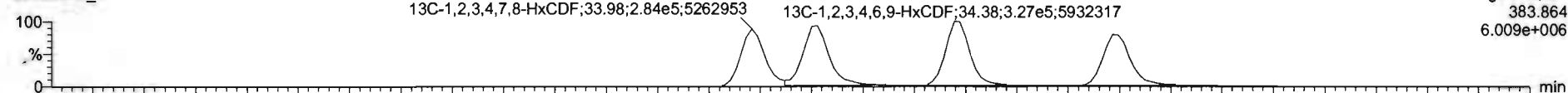


200528R2_2

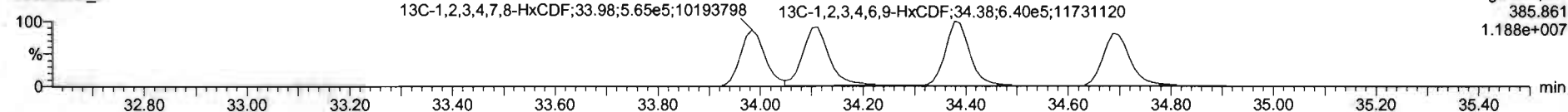


13C-1,2,3,4,7,8-HxCDF

200528R2_2

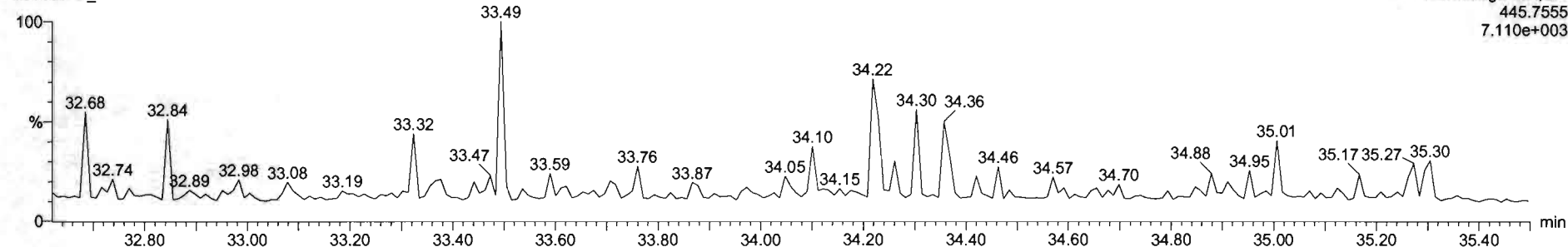


200528R2_2

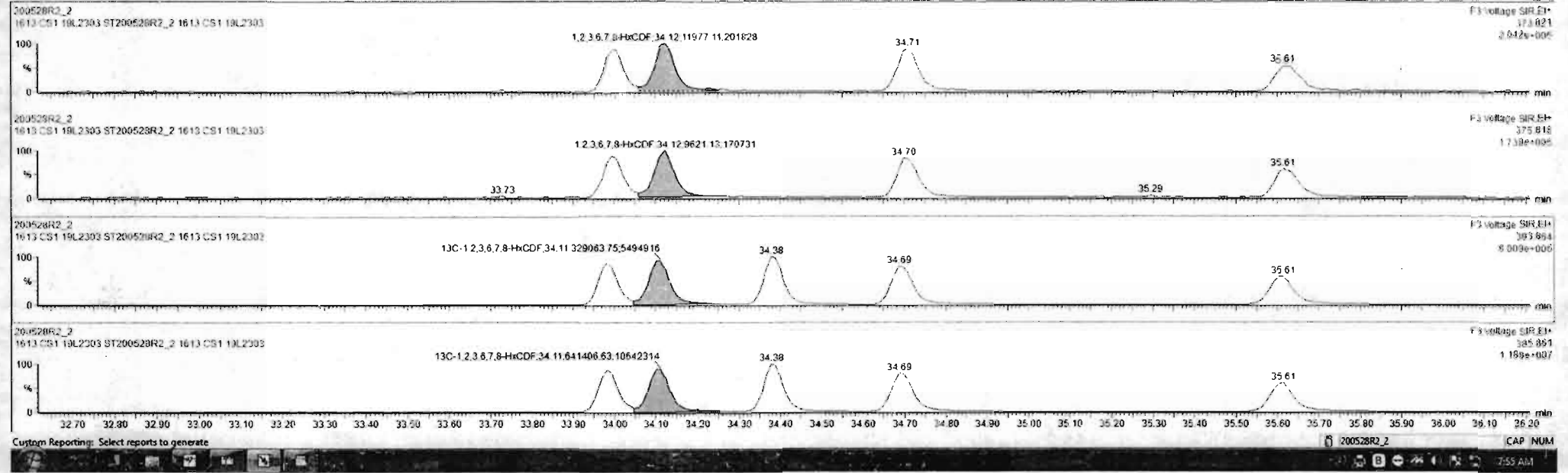


DPE3

200528R2_2



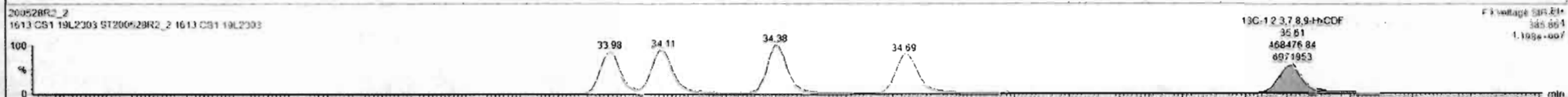
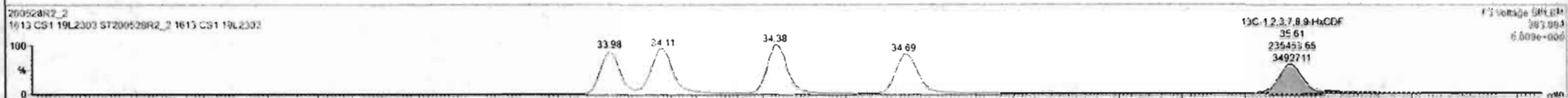
#	Name	Resp	RA	nby	RRF	wtvol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	5.69e3	0.76	NO	0.8963	1.000	26.57	1.001	0.497	99.4	0.0473	0.497
2	1,2,3,7,8-PeCDD	2.12e4	0.64	NO	0.9051	1.000	31.51	1.000	2.50	99.9	0.0401	2.50
3	1,2,3,4,7,8-HxCDD	1.69e4	1.27	NO	1.0334	1.000	34.86	1.000	2.53	101	0.0774	2.53
4	1,2,3,6,7,8-HxCDD	1.90e4	1.25	NO	0.8979	1.000	34.99	1.001	2.47	98.5	0.0747	3.47
5	1,2,3,7,9-HxCDD	1.62e4	1.21	NO	0.8269	1.000	35.27	1.001	2.44	97.7	0.0676	2.44
6	1,2,3,4,6,7,8-HpCDD	1.21e4	1.05	NO	0.8639	1.000	36.51	1.001	2.33	93.3	0.0618	2.33
7	OCDD	2.39e4	0.83	NO	0.9136	1.000	41.77	1.000	4.97	99.4	0.149	4.97
8	2,3,7,8-TCDF	6.53e3	0.75	NO	0.7510	1.000	25.67	1.001	0.468	97.7	0.0620	0.468
9	1,2,3,7,8-PeCDF	3.08e4	1.55	NO	0.8925	1.000	30.23	1.000	2.52	101	0.0422	2.52
10	2,3,4,7,8-PeCDF	3.19e4	1.55	NO	0.9340	1.000	31.21	1.000	2.52	101	0.0395	2.52
11	1,2,3,4,7,8-HxCDF	1.81e4	1.19	NO	0.8545	1.000	33.99	1.000	2.41	96.3	0.0665	3.41
12	1,2,3,6,7,8-HxCDF	2.16e4	1.25	NO	0.6552	1.000	34.12	1.000	2.50	100	0.0542	2.50
13	2,3,4,6,7,8-HxCDF	1.93e4	1.26	NO	0.9341	1.000	34.71	1.001	2.38	95.3	0.0702	2.38
14	1,2,3,7,8,9-HxCDF	1.46e4	1.12	NO	0.8707	1.000	35.61	1.000	2.42	96.9	0.102	2.42
15	1,2,3,4,6,7,8-HpCDF	1.40e4	0.94	NO	0.8734	1.000	37.40	1.001	2.48	99.1	0.0580	2.48
16	1,2,3,4,7,8,9-HpCDF	1.03e4	0.98	NO	1.0128	1.000	39.33	1.000	2.33	93.3	0.0630	2.33
17	OCDF	2.40e4	0.84	NO	0.8085	1.000	41.96	1.000	4.89	97.8	0.0756	4.89
18	12C-2,3,7,8-TCDD	1.79e6	0.79	NO	1.1563	1.000	26.54	1.025	89.8	89.8	0.0928	
19	13C-1,2,3,7,8-PeCDD	9.36e5	0.63	NO	0.8490	1.000	31.50	1.216	68.7	68.7	0.113	
20	13C-1,2,3,4,7,8-HxCDD	6.46e5	1.28	NO	0.7750	1.000	34.87	1.014	85.9	85.9	0.183	
21	13C-1,2,3,6,7,8-HxCDD	6.61e5	1.27	NO	1.0187	1.000	34.96	1.017	87.7	87.7	0.140	



Custom Reporting: Select reports to generate

200528R2_2 CAP NUM

#	Name	Resp	RA	ntf	RRF	wtVol	RT	RRT	Conc.	%Rec	DL	EMPC
1	2,3,7,8-TCDD	5.99e3	0.76	NO	0.8843	1.000	26.57	1.001	0.497	99.4	0.0473	0.497
2	1,2,3,7,8-PeCDD	2.12e4	0.84	NO	0.9051	1.000	31.51	1.000	2.50	99.3	0.0401	2.50
3	1,2,3,4,7,8-HxCDD	1.05e4	1.27	NO	1.0334	1.000	34.85	1.000	2.53	101	0.0774	2.53
4	1,2,3,6,7,8-HxCDD	1.90e4	1.25	NO	0.8973	1.000	34.99	1.001	2.47	98.5	0.0747	2.47
5	1,2,3,7,8,9-HxCDD	1.62e4	1.21	NO	0.8565	1.000	35.27	1.001	2.44	97.7	0.0676	2.44
6	1,2,3,4,6,7,8-HpCDD	1.21e4	1.05	NO	0.8638	1.000	36.81	1.001	2.33	93.3	0.0618	2.33
7	OCDD	2.39e4	0.83	NO	0.9136	1.000	41.77	1.000	4.97	99.4	0.149	4.97
8	2,3,7,8-TCDF	6.53e3	0.75	NO	0.7510	1.000	25.67	1.001	0.468	97.7	0.0620	0.468
9	1,2,3,7,8-PeCDF	3.05e4	1.55	NO	0.8925	1.000	30.23	1.000	2.52	101	0.0422	2.52
10	2,3,4,7,8-PeCDF	0.15e4	1.55	NO	0.9346	1.000	31.21	1.000	2.52	101	0.0395	2.52
11	1,2,3,4,7,8-HxCDF	1.81e4	1.19	NO	0.8845	1.000	33.99	1.000	2.41	96.3	0.0665	2.41
12	1,2,3,6,7,8-HxCDF	2.16e4	1.25	NO	0.8882	1.000	34.12	1.000	2.50	100	0.0642	2.50
13	2,3,4,6,7,8-HxCDF	1.93e4	1.26	NO	0.9341	1.000	34.71	1.001	2.36	96.3	0.0702	2.36
14	1,2,3,7,8,9-HxCDF	1.48e4	1.12	NO	0.8787	1.000	35.61	1.000	2.42	96.9	0.102	2.42
15	1,2,3,4,6,7,8-HpCDF	1.40e4	0.94	NO	0.8734	1.000	37.40	1.001	2.48	99.1	0.0580	2.48
16	1,2,3,4,7,8,9-HpCDF	1.03e4	0.98	NO	1.0128	1.000	39.33	1.000	2.33	93.3	0.0630	2.33
17	OCDF	2.40e4	0.84	NO	0.8565	1.000	41.96	1.000	4.89	97.8	0.0756	4.89
18	13C-2,3,7,8-TCDD	1.29e6	0.79	NO	1.1562	1.000	26.54	1.025	89.8	89.8	0.0528	
19	13C-1,2,3,7,8-PeCDD	9.36e5	0.63	NO	0.8490	1.000	31.50	1.216	88.7	88.7	0.113	
20	13C-1,2,3,4,7,8-HxCDD	6.46e5	1.28	NO	0.7750	1.000	34.87	1.014	85.9	85.9	0.183	
21	13C-1,2,3,6,7,8-HxCDD	6.61e5	1.27	NO	1.0157	1.000	34.96	1.017	87.7	87.7	0.140	



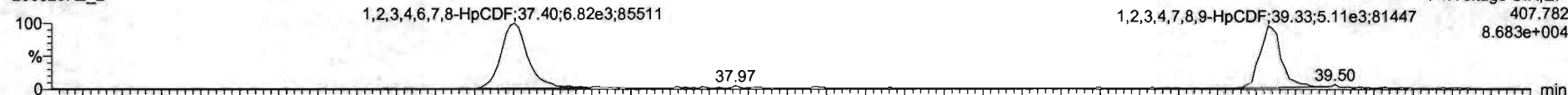
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

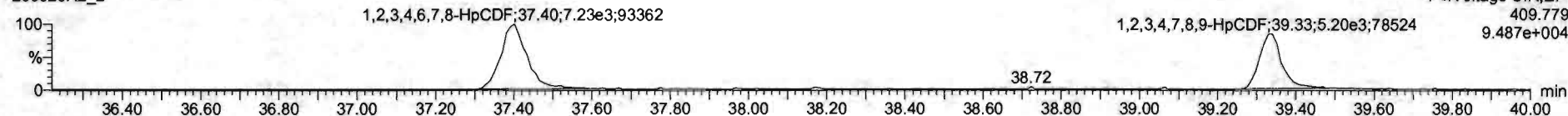
Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

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

200528R2_2



200528R2_2

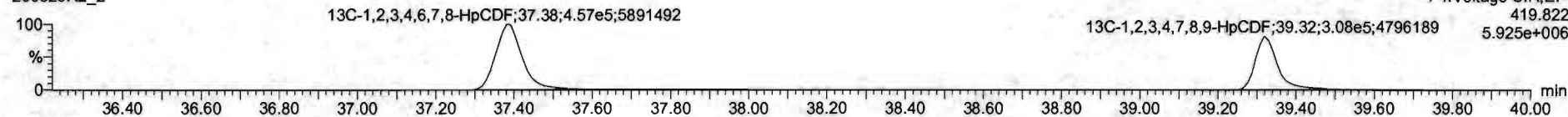


13C-1,2,3,4,6,7,8-HpCDF

200528R2_2

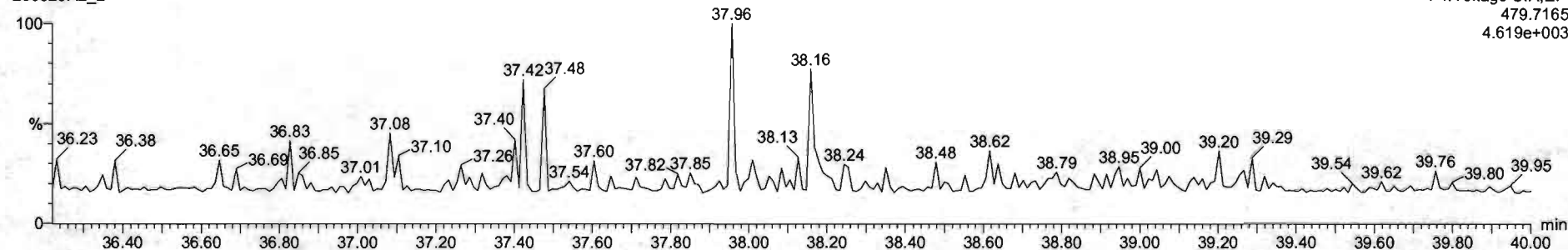


200528R2_2



DPE4

200528R2_2



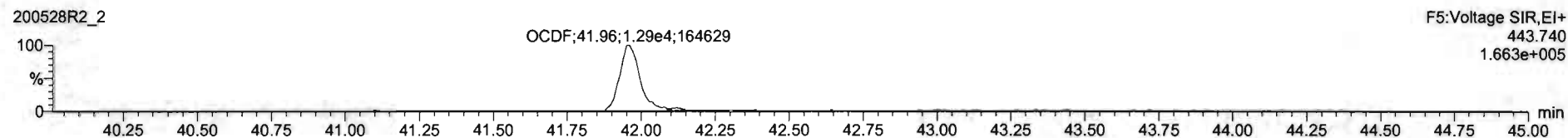
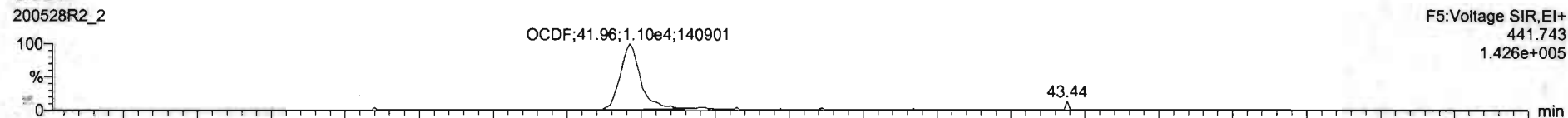
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

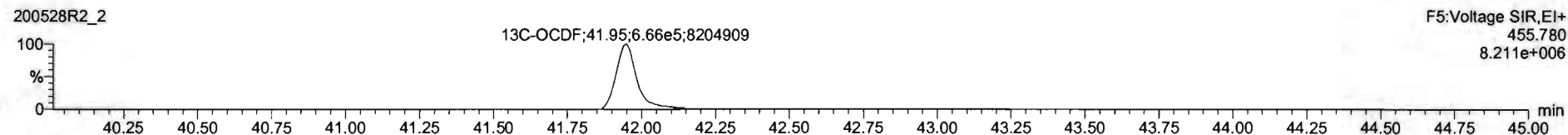
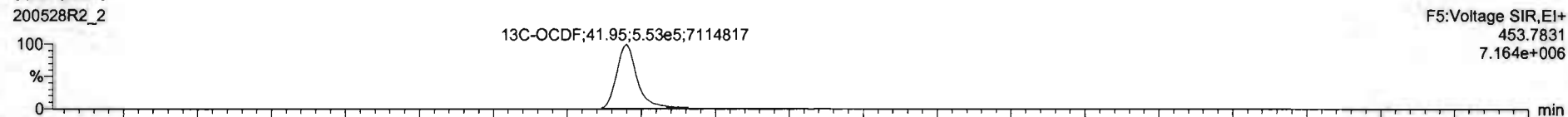
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

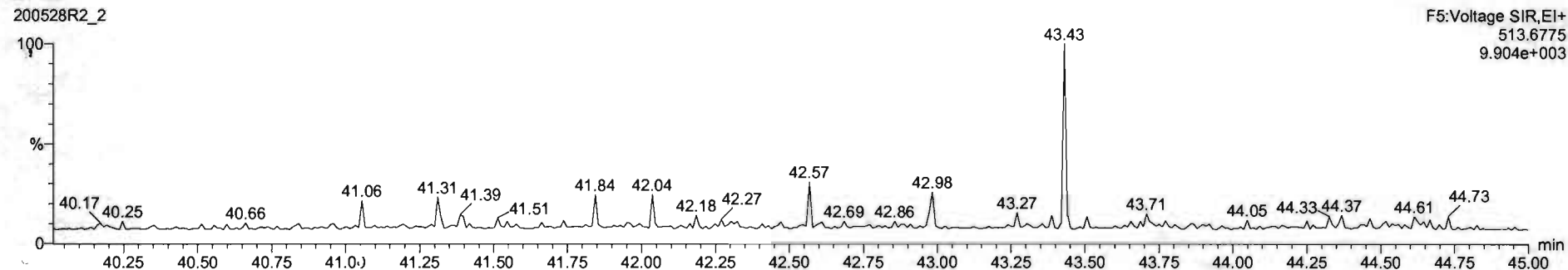
OCDF



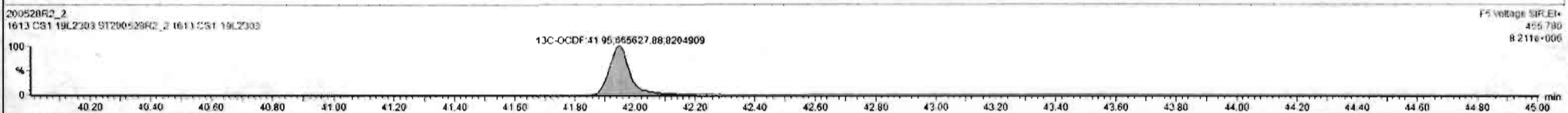
13C-OCDF



DPE5



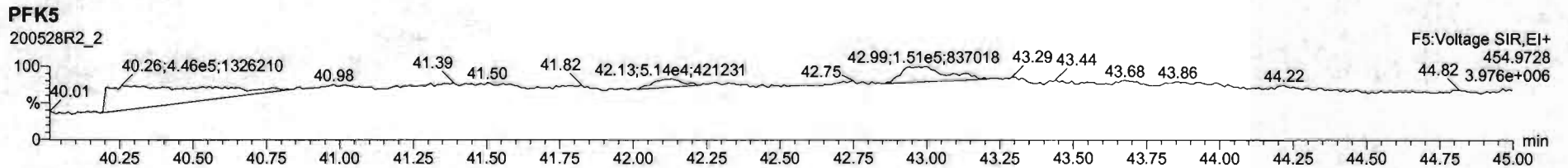
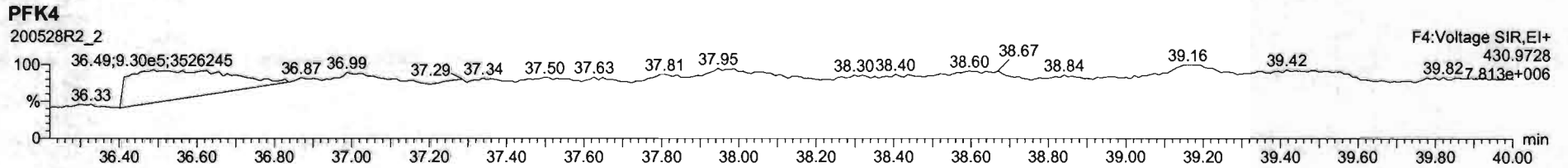
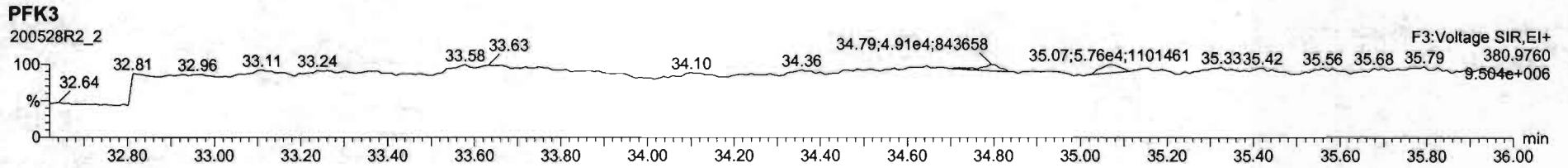
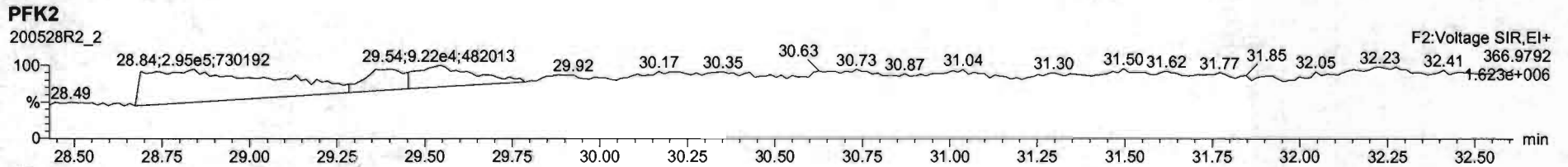
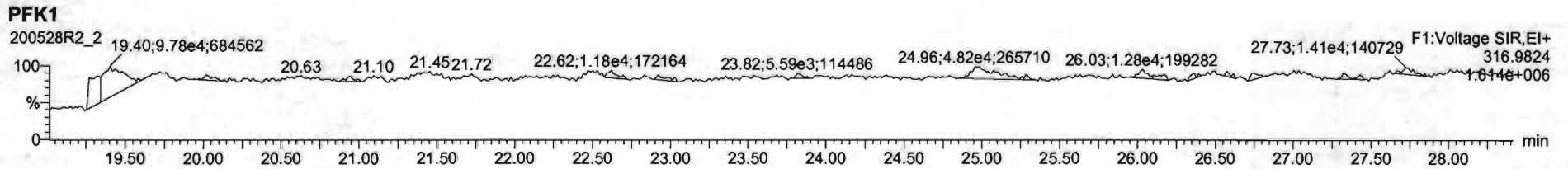
Name	Resp	RA	nly	RRF	wtVol	RT	RRT	Conc.	%Rec	DL	EMPC
1 2,3,7,8-TCDD	5.69e3	0.78	NO	0.8883	1.000	26.57	1.001	0.497	99.4	0.0473	0.497
2 1,2,3,7,8-PeCDD	2.12e4	0.64	NO	0.9081	1.000	31.51	1.000	2.50	99.9	0.0401	2.50
3 1,2,3,4,7,8-HxCDD	1.85e4	1.27	NO	1.0334	1.000	24.85	1.000	2.53	101	0.0774	2.53
4 1,2,3,6,7,8-HxCDD	1.96e4	1.25	NO	0.8923	1.000	24.99	1.001	2.47	96.9	0.0747	2.47
5 1,2,3,7,8,9-HxCDD	1.62e4	1.21	NO	0.8869	1.000	35.27	1.001	2.44	97.7	0.0676	2.44
6 1,2,3,4,6,7,8-HpCDD	1.21e4	1.05	NO	0.8638	1.000	36.81	1.001	2.33	92.3	0.0613	2.33
7 OCDD	2.39e4	0.83	NO	0.9136	1.000	41.77	1.000	4.97	99.4	0.148	4.97
8 2,3,7,8-TCDF	6.53e3	0.75	NO	0.7510	1.000	25.67	1.001	0.488	97.7	0.0670	0.488
9 1,2,3,7,8-PeCDF	3.09e4	1.55	NO	0.8925	1.000	30.23	1.000	2.52	101	0.0422	2.52
10 2,3,4,7,8-PeCDF	3.19e4	1.55	NO	0.9348	1.000	31.21	1.000	2.52	101	0.0395	2.52
11 1,2,3,4,7,8-HxCDF	1.81e4	1.19	NO	0.8845	1.000	33.99	1.000	2.41	96.3	0.0665	2.41
12 1,2,3,6,7,8-HxCDF	2.16e4	1.25	NO	0.8892	1.000	34.12	1.000	2.50	100	0.0642	2.50
13 2,3,4,6,7,8-HxCDF	1.93e4	1.28	NO	0.9341	1.000	34.21	1.001	2.38	95.3	0.0702	2.38
14 1,2,3,7,8,9-HxCDF	1.42e4	1.12	NO	0.8707	1.000	35.61	1.000	2.42	96.9	0.102	2.42
15 1,2,3,4,6,7,8-HpCDF	1.40e4	0.94	NO	0.8734	1.000	37.40	1.001	2.48	99.1	0.0580	2.48
16 1,2,3,4,7,8,9-HpCDF	1.03e4	0.98	NO	1.0126	1.000	39.33	1.000	2.33	93.3	0.0630	2.33
17 OCDF	2.40e4	0.84	NO	0.8085	1.000	41.96	1.000	4.89	97.8	0.0756	4.89
18 13C-2,3,7,8-TCDD	1.29e0	0.79	NO	1.1563	1.000	26.54	1.025	39.3	89.8	0.0926	
19 13C-1,2,3,7,8-PeCDD	9.36e5	0.63	NO	0.8490	1.000	31.50	1.216	88.7	88.7	0.113	
20 13C-1,2,3,4,7,8-HxCDD	5.46e5	1.28	NO	0.7790	1.000	24.87	1.014	85.9	85.9	0.183	
21 13C-1,2,3,6,7,8-HxCDD	6.61e5	1.27	NO	1.0187	1.000	34.96	1.017	87.7	87.7	0.140	



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_2, Date: 28-May-2020, Time: 12:41:31, ID: ST200528R2_2 1613 CS1 19L2303, Description: 1613 CS1 19L2303



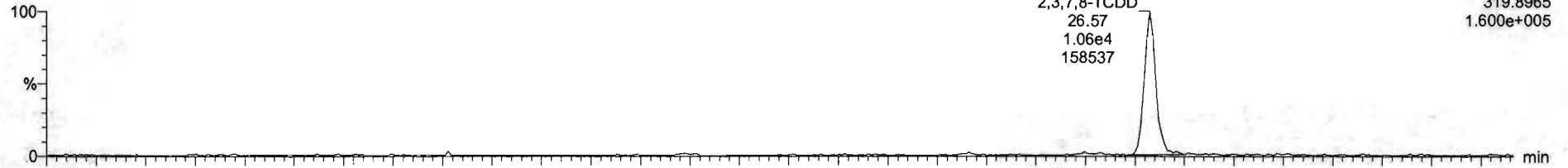
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

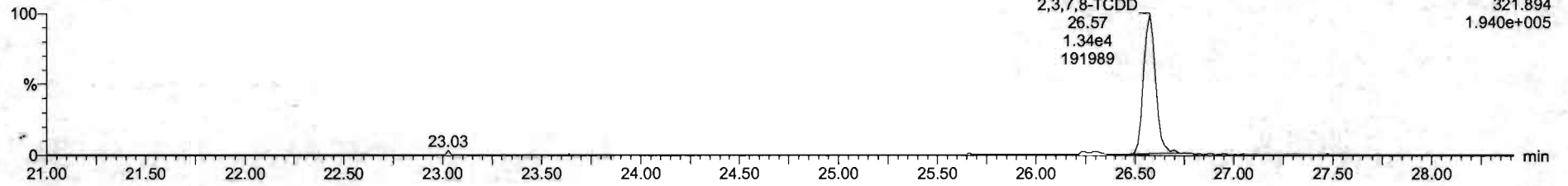
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

2,3,7,8-TCDD

200528R2_3

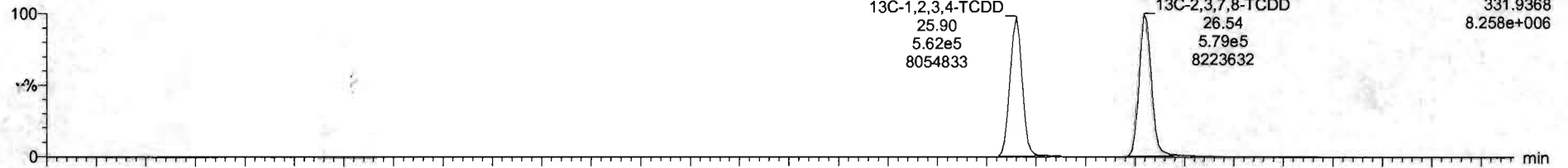


200528R2_3

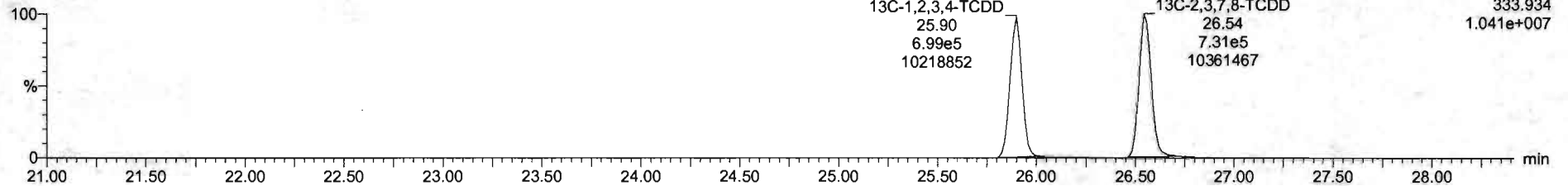


13C-2,3,7,8-TCDD

200528R2_3



200528R2_3



Dataset: Untitled

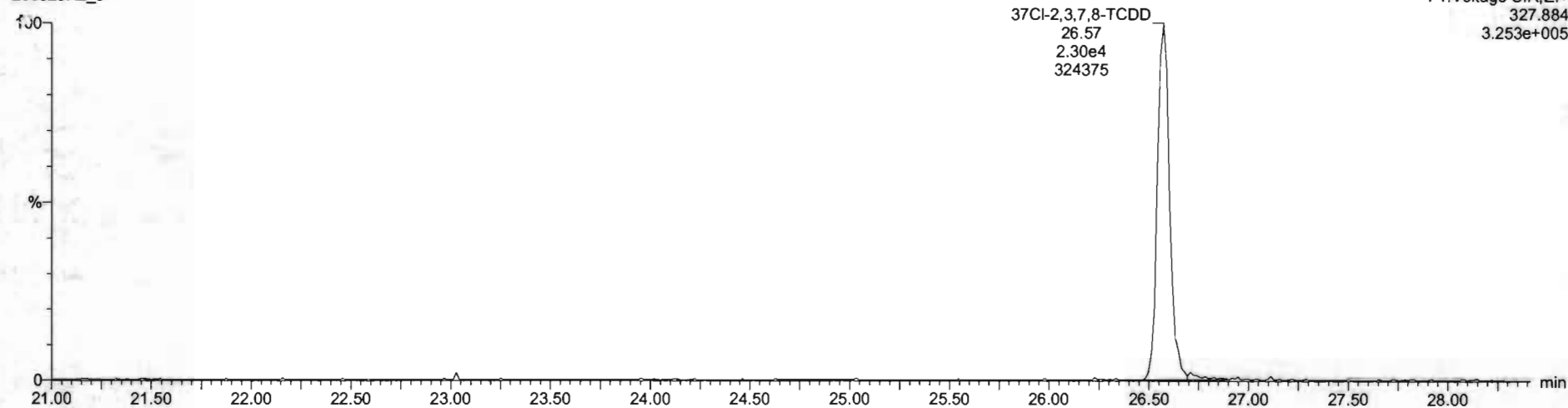
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

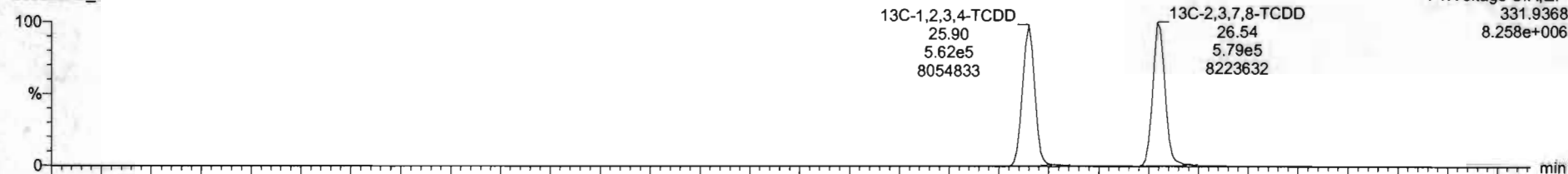
37Cl-2,3,7,8-TCDD

200528R2_3

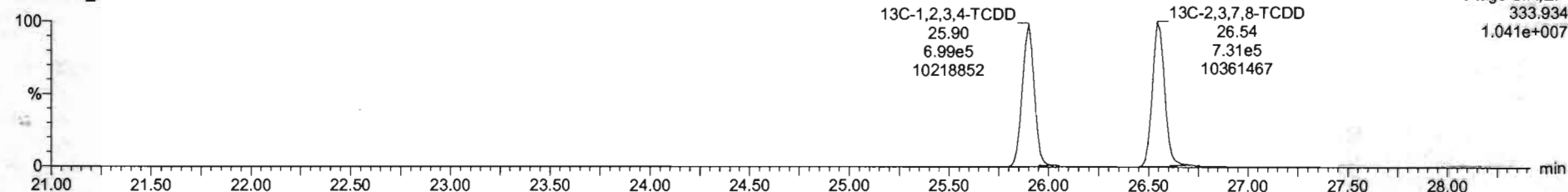


13C-1,2,3,4-TCDD

200528R2_3



200528R2_3



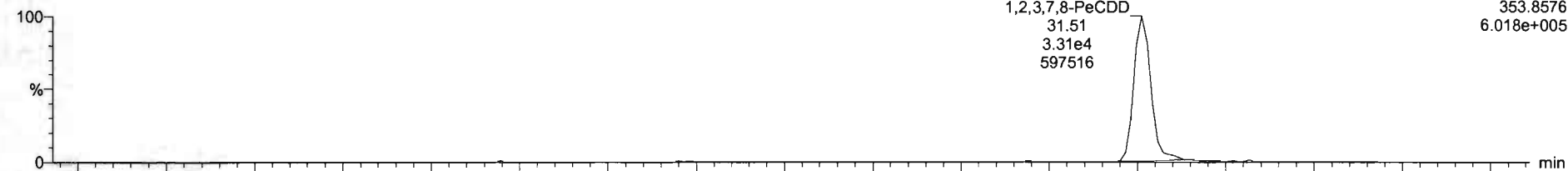
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

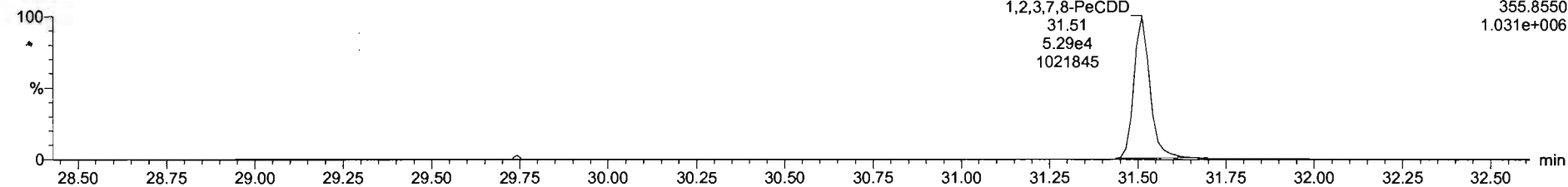
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

1,2,3,7,8-PeCDD

200528R2_3

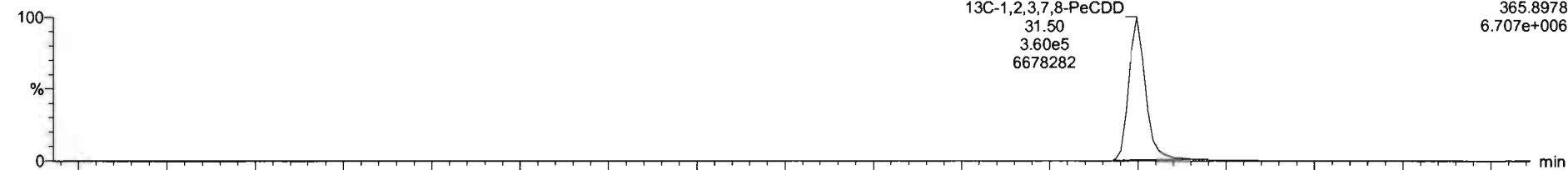


200528R2_3

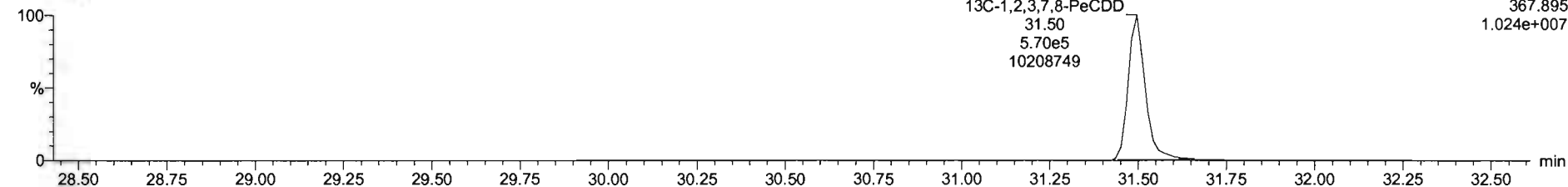


13C-1,2,3,7,8-PeCDD

200528R2_3



200528R2_3



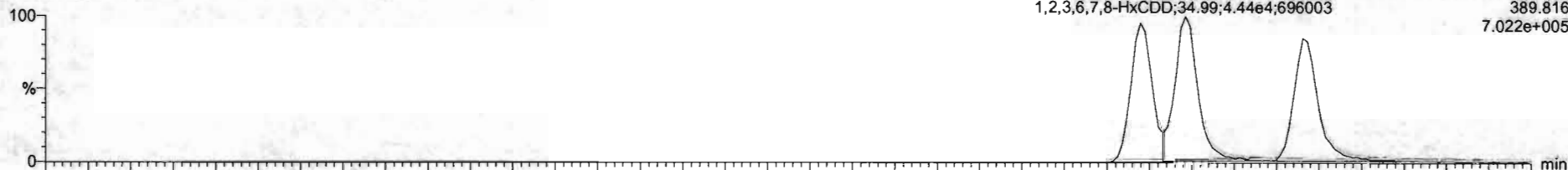
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

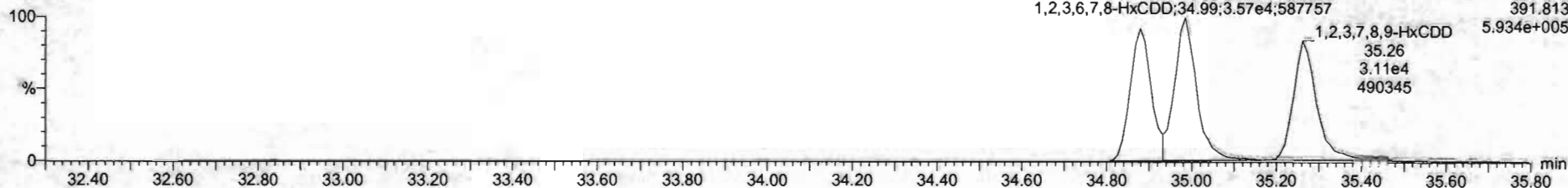
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

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

200528R2_3

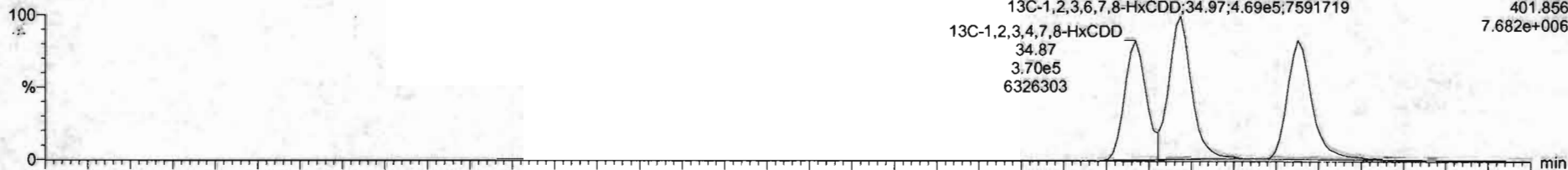


200528R2_3

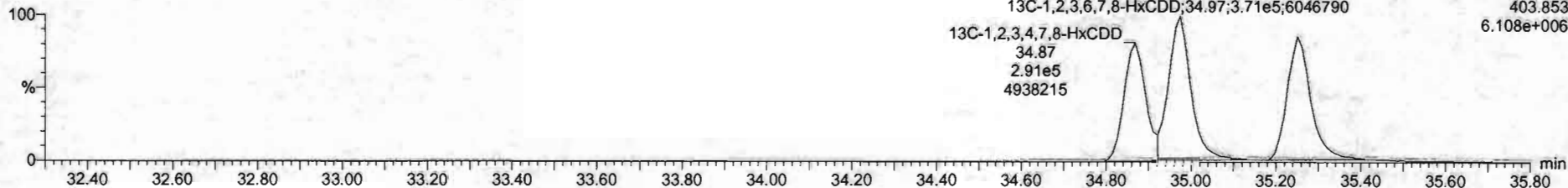


13C-1,2,3,4,7,8-HxCDD

200528R2_3



200528R2_3



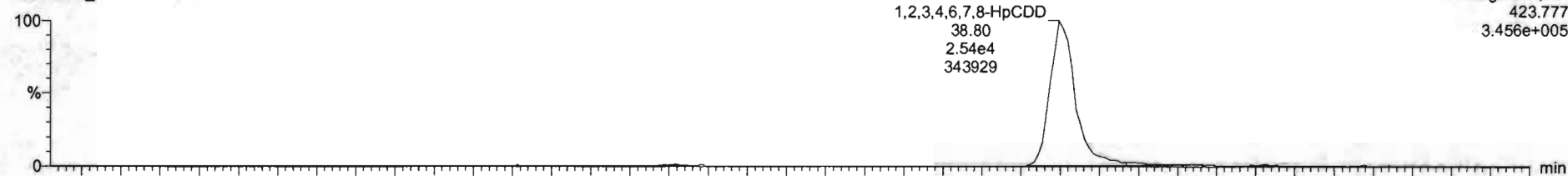
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

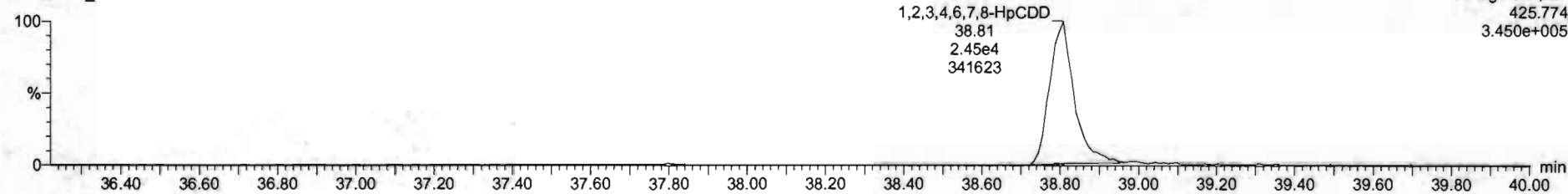
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

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

200528R2_3

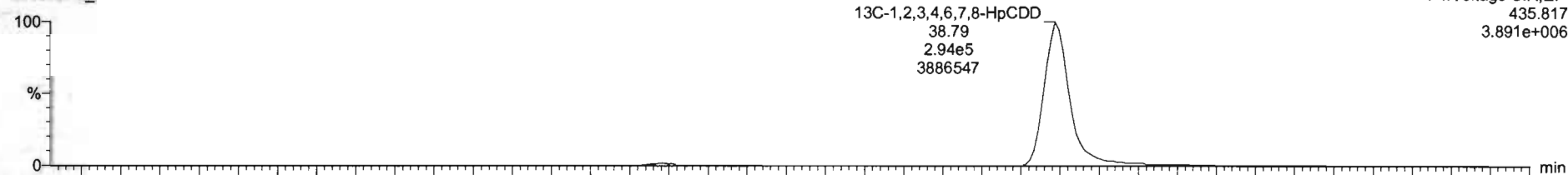


200528R2_3

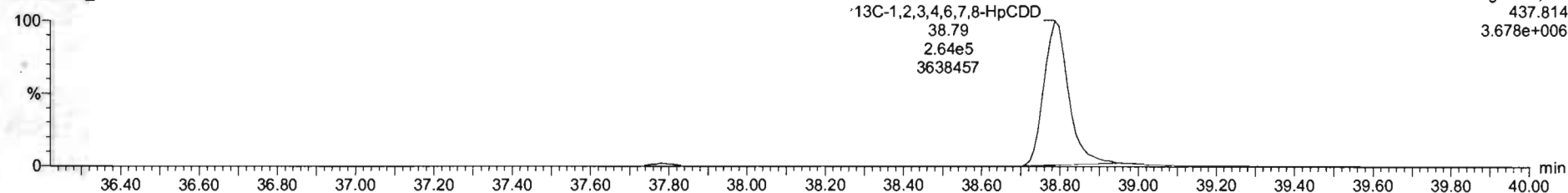


13C-1,2,3,4,6,7,8-HpCDD

200528R2_3



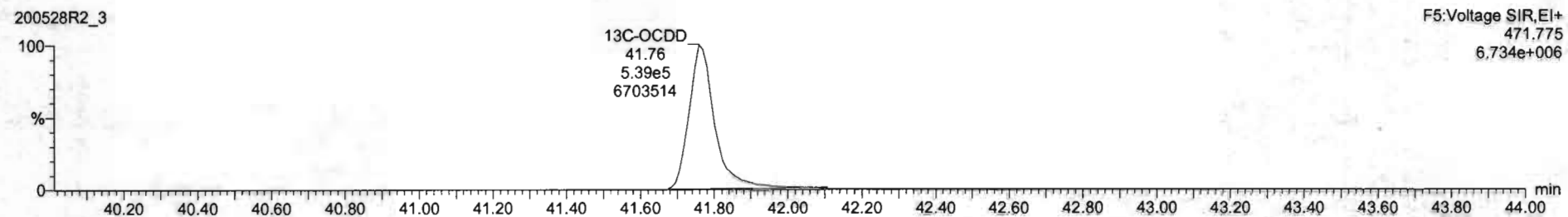
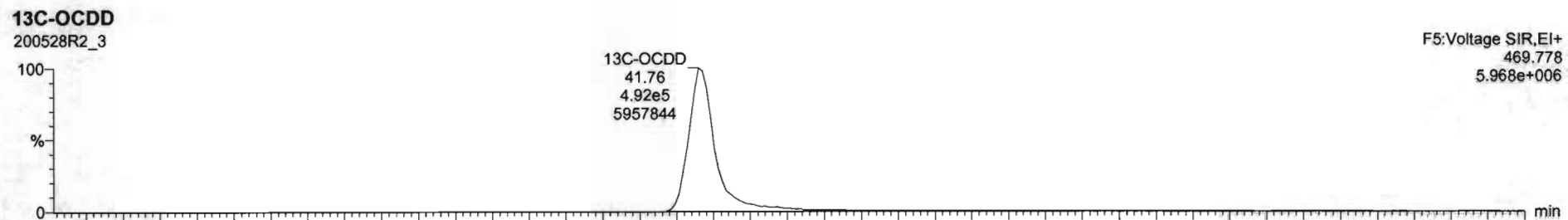
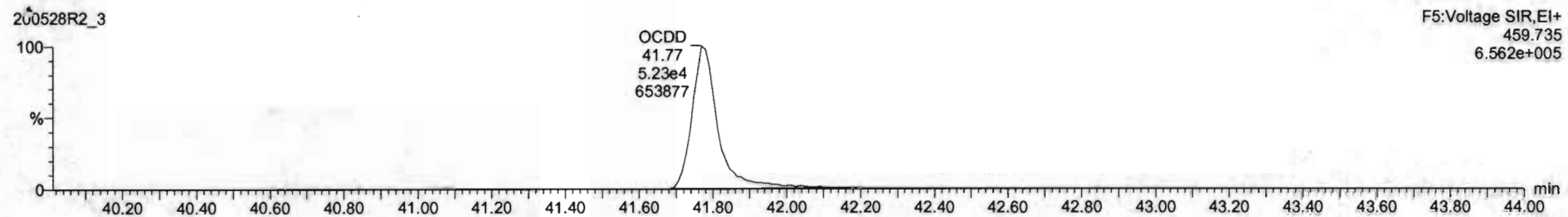
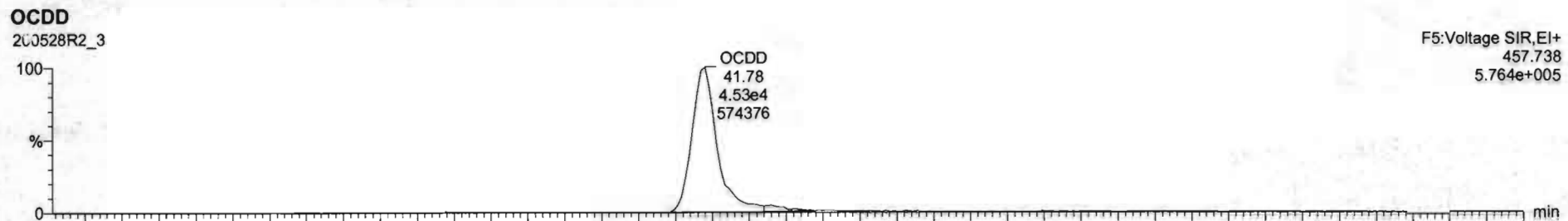
200528R2_3



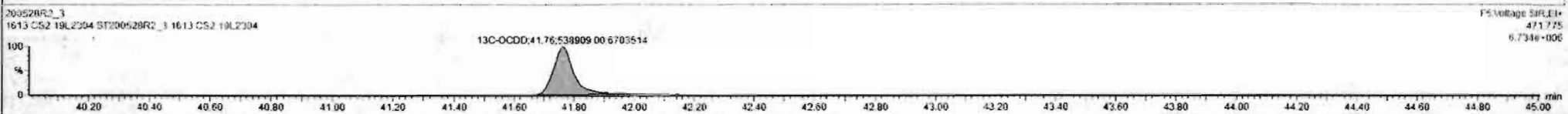
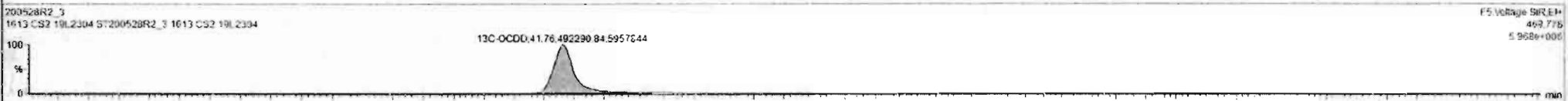
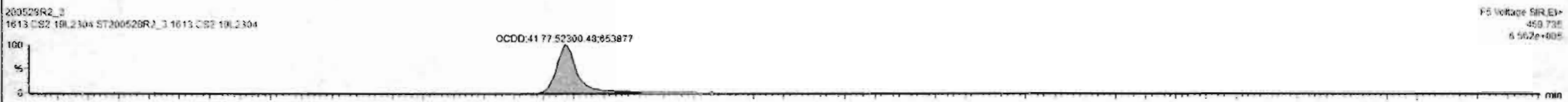
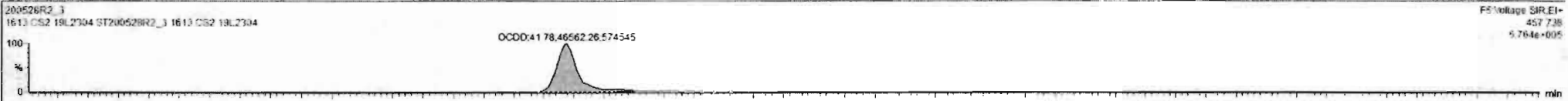
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304



Name	Resp	RA	n/y	RHF	w/Vol	RT	RRT	Conc.	%Rec	DL	EMPC
1 2,3,7,8-TCDD	2.40e4	0.30	NO	0.05803	1.000	26.57	1.001	2.05	103	0.0278	2.96
2 1,2,3,7,8-PeCDD	5.50e4	0.63	NO	0.0081	1.000	31.51	1.000	10.2	102	0.0400	10.2
3 1,2,3,4,7,8-HxCDD	6.94e4	1.24	NO	1.0324	1.000	34.88	1.000	10.2	102	0.0561	10.2
4 1,2,3,6,7,8-HxCDD	6.01e4	1.24	NO	0.8523	1.000	34.99	1.000	10.7	107	0.0559	10.7
5 1,2,3,7,8,9-HxCDD	7.01e4	1.26	NO	0.8265	1.000	35.26	1.000	10.5	105	0.0679	10.5
6 1,2,3,4,6,7,8-HpCDD	4.59e4	1.93	NO	0.8639	1.000	38.50	1.000	10.4	104	0.0797	10.4
7 OCDD	9.65e4	0.39	NO	0.9136	1.000	41.76	1.000	21.0	105	0.109	21.0
8 2,3,7,8-TCDF	2.67e4	0.74	NO	0.7510	1.000	26.88	1.001	1.97	96.6	0.0321	1.97
9 1,2,3,7,8-PeCDF	1.31e5	1.55	NO	0.8925	1.000	30.23	1.000	10.7	107	0.0517	10.7
10 2,3,4,7,8-PeCDF	1.34e5	1.55	NO	0.9346	1.000	31.21	1.000	10.4	104	0.0475	10.4
11 1,2,3,4,7,8-HxCDF	7.91e4	1.22	NO	0.8545	1.000	34.01	1.001	10.6	106	0.0661	10.6
12 1,2,3,6,7,8-HxCDF	5.20e4	1.28	NO	0.8892	1.000	34.12	1.000	10.3	103	0.0595	10.3
13 2,3,4,6,7,8-HxCDF	6.53e4	1.25	NO	0.9341	1.000	34.71	1.000	10.5	105	0.0860	10.5
14 1,2,3,7,8,9-HxCDF	6.49e4	1.24	NO	0.8707	1.000	35.62	1.000	10.3	103	0.0961	10.3
15 1,2,3,4,6,7,8-HpCDF	5.72e4	1.00	NO	0.6734	1.000	37.40	1.001	10.1	101	0.0828	10.1
16 1,2,3,4,7,8,9-HpCDF	4.43e4	1.91	NO	1.0128	1.000	39.34	1.000	10.4	104	0.0861	10.4
17 OCDF	3.85e4	0.66	NO	0.8085	1.000	41.96	1.000	20.6	103	0.0967	20.6
18 13C-2,3,7,8-TCDD	1.31e6	0.79	NO	1.1583	1.000	26.54	1.025	29.3	89.6	0.0659	
19 13C-1,2,3,7,8-PeCDD	9.29e5	0.63	NO	0.8450	1.000	31.50	1.216	86.8	86.8	0.123	
20 13C-1,2,3,4,7,8-HxCDD	6.61e5	1.27	NO	0.7790	1.000	34.87	1.014	87.0	87.0	0.189	
21 13C-1,2,3,6,7,8-HxCDD	6.39e5	1.26	NO	1.0167	1.000	34.97	1.017	84.7	84.7	0.145	



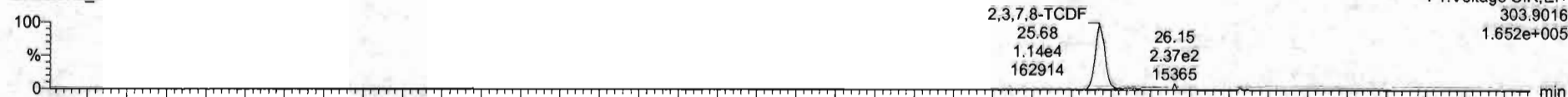
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

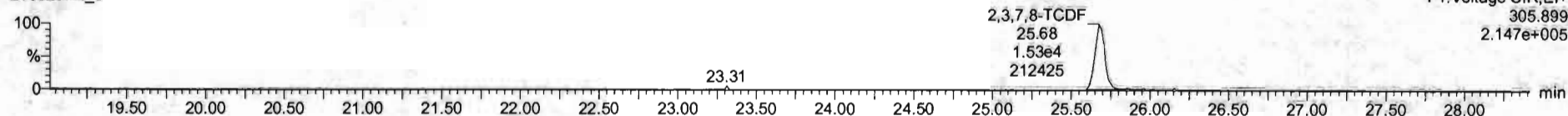
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

2,3,7,8-TCDF

200528R2_3

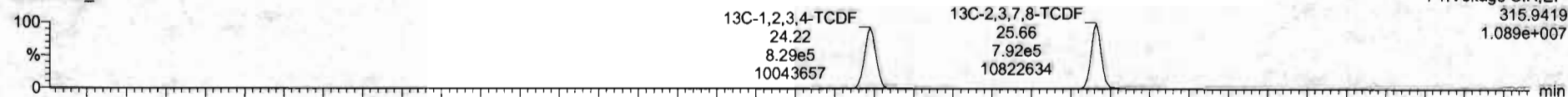


200528R2_3

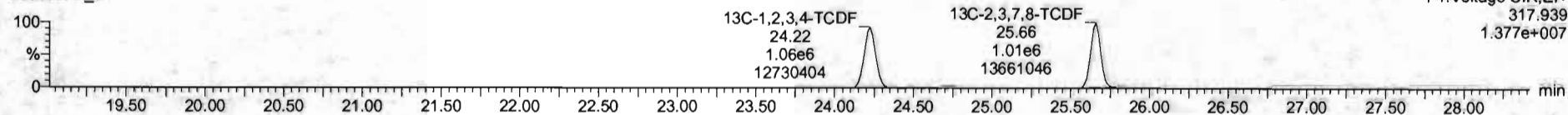


13C-2,3,7,8-TCDF

200528R2_3

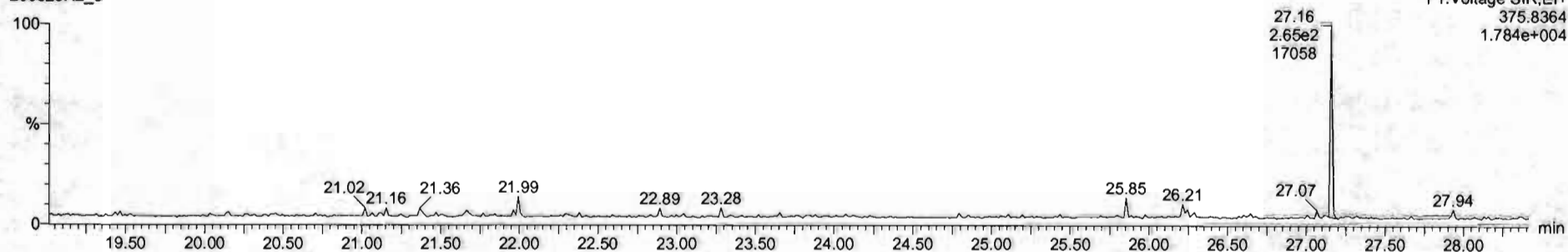


200528R2_3



DPE1

200528R2_3



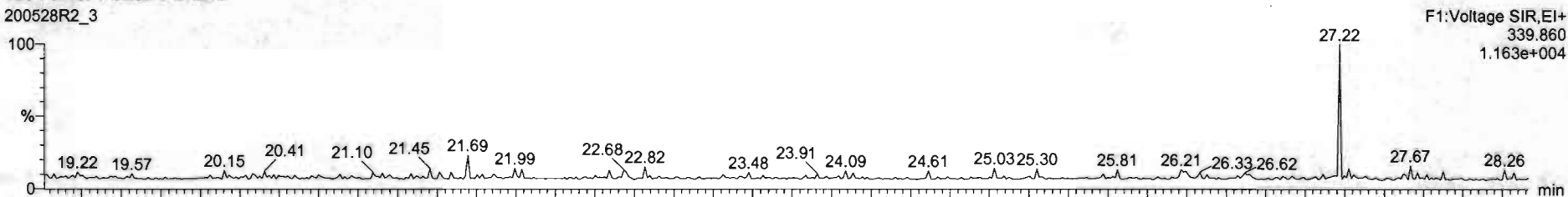
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

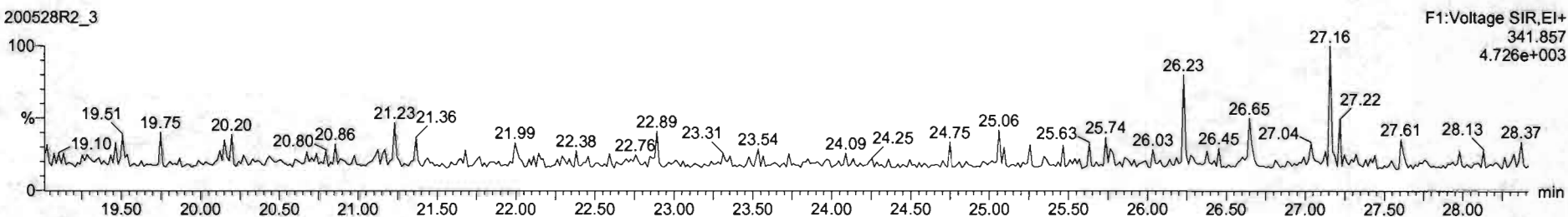
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

1st Func. Penta-Furans

200528R2_3

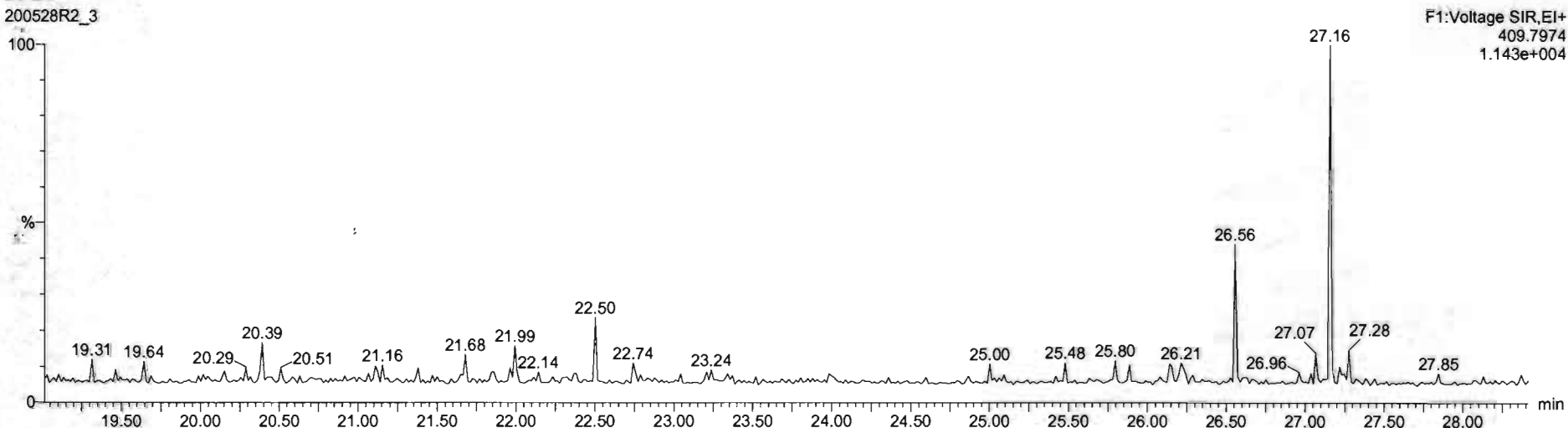


200528R2_3



DPE6

200528R2_3



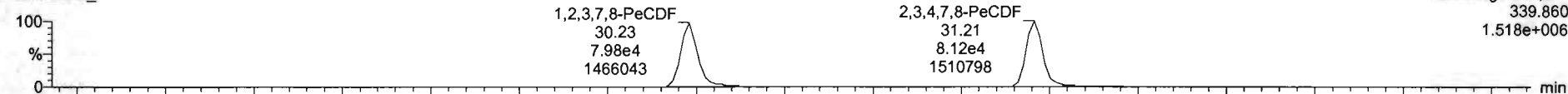
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

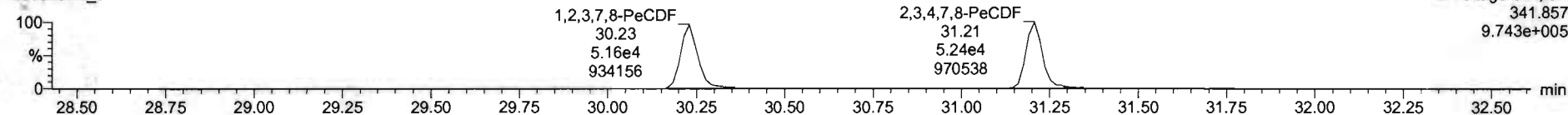
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

1,2,3,7,8-PeCDF

200528R2_3

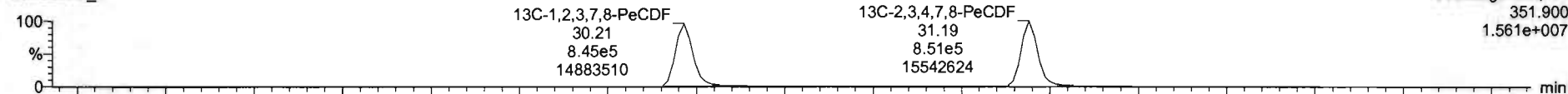


200528R2_3

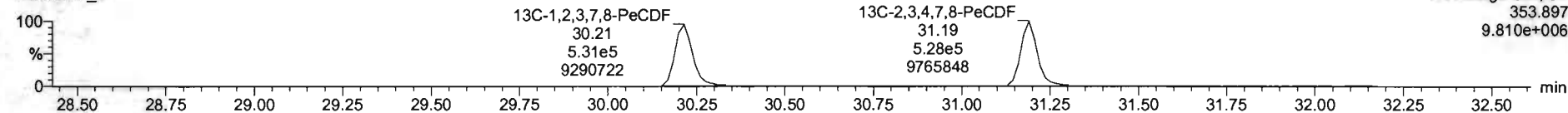


13C-1,2,3,7,8-PeCDF

200528R2_3

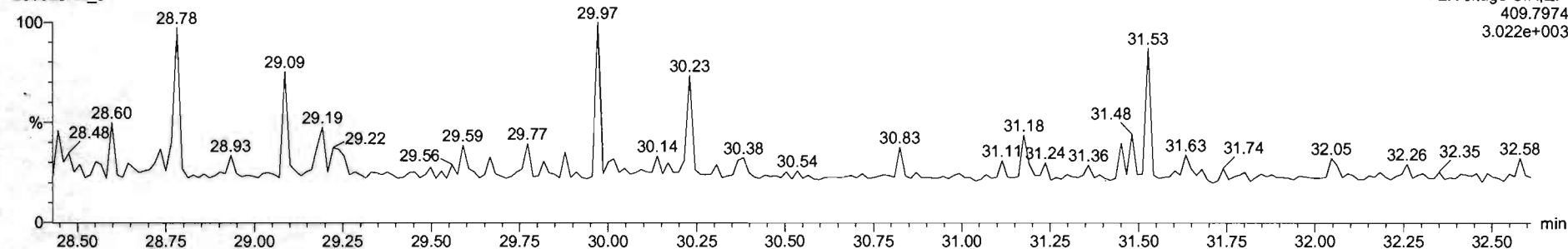


200528R2_3



DPE2

200528R2_3



Dataset: Untitled

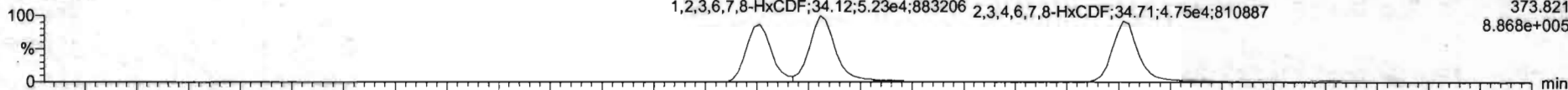
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

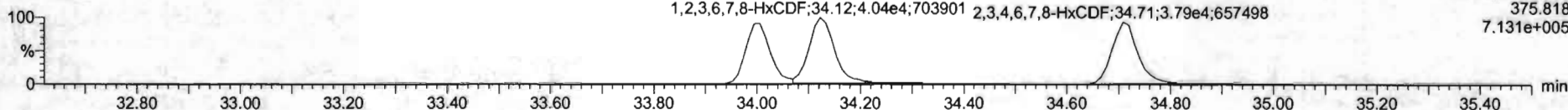
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

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

200528R2_3

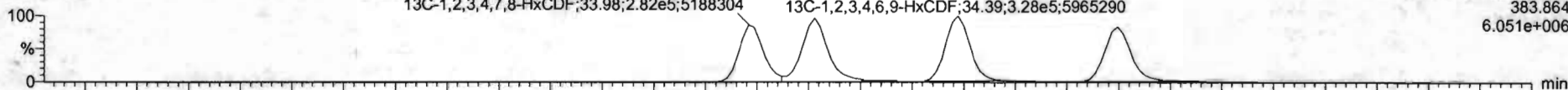


200528R2_3

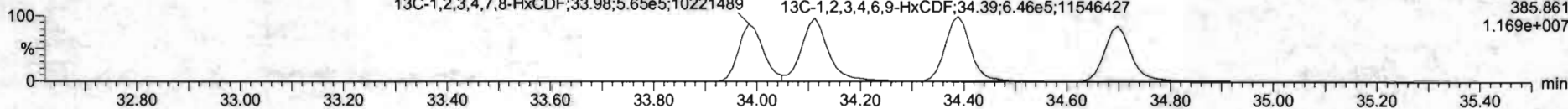


13C-1,2,3,4,7,8-HxCDF

200528R2_3

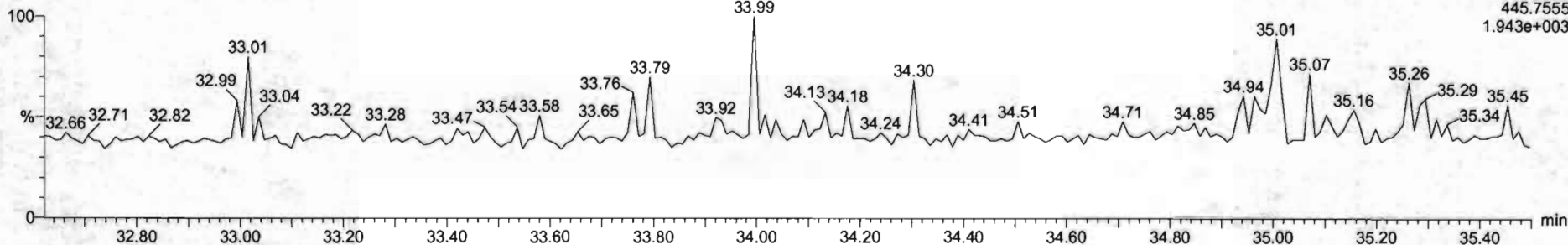


200528R2_3



DPE3

200528R2_3

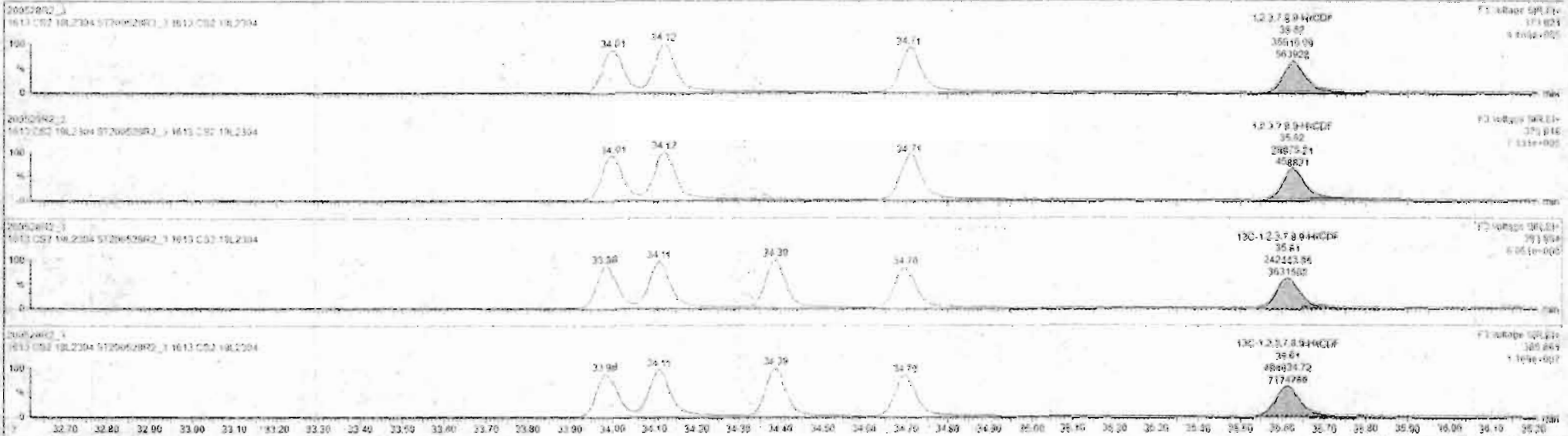


#	Name	Resp	Rk	ntf	RRF	weight	BT	NK1	Conc	%Rec	DR	EMPL
1	1,2,3,6,7-CDD	2.58e4	0.39	NO	0.8803	1.000	20.07	1.001	2.08	103	0.0070	2.08
2	1,2,3,7,8-PeCDD	5.58e4	0.43	NO	0.9051	1.000	31.51	1.000	10.2	102	0.0400	10.2
3	1,2,3,4,7,8-HxCDD	5.94e4	1.24	NO	1.0334	1.000	34.88	1.000	16.2	102	0.0501	16.2
4	1,2,3,6,7,8-HxCDD	6.01e4	1.24	NO	0.8923	1.000	34.95	1.000	16.7	102	0.0558	16.7
5	1,2,3,7,8,9-HxCDD	7.01e4	1.26	NO	0.9269	1.000	35.26	1.000	16.1	105	0.0670	16.1
6	1,2,3,4,6,7,8-HpCDD	4.99e4	1.02	NO	0.8839	1.000	35.80	1.000	16.4	104	0.0797	16.4
7	OCDD	9.89e4	0.39	NO	0.9136	1.000	41.75	1.000	21.0	105	0.1169	21.0
8	1,2,3,6,7,8-PeCDF	2.87e4	0.74	NO	0.7510	1.000	35.60	1.001	1.91	98.8	0.0211	1.91
9	1,2,3,7,8-PeCDF	1.31e5	1.58	NO	0.8025	1.000	36.23	1.000	10.7	107	0.0217	10.7
10	1,2,3,4,7,8-HxCDF	1.39e5	1.55	NO	0.9346	1.000	31.21	1.000	10.4	104	0.0475	10.4
11	1,2,3,4,7,8-HxCDF	7.91e4	1.22	NO	0.8545	1.000	34.01	1.001	10.5	106	0.0611	10.4
12	1,2,3,6,7,8-HxCDF	9.26e4	1.28	NO	0.8852	1.000	34.12	1.000	11.3	103	0.0595	10.3
13	1,2,3,6,7,8-HxCDF	8.03e4	1.25	NO	0.9191	1.000	34.71	1.000	10.5	105	0.0693	10.5
14	1,2,3,7,8,9-HxCDF	6.49e4	1.24	NO	0.9707	1.000	35.62	1.000	10.3	102	0.0911	10.3
15	1,2,3,4,6,7,8-HpCDF	3.72e4	1.00	NO	0.8734	1.000	37.40	1.001	10.1	101	0.0828	10.1
16	1,2,3,4,7,8,9-HpCDF	4.43e4	1.01	NO	1.0128	1.000	39.34	1.000	10.4	104	0.0881	10.4
17	OCDF	5.58e4	0.36	NO	0.8595	1.000	41.90	1.000	26.3	103	0.0967	26.3
18	1,2,3,6,7,8-PeCDD	1.31e5	0.79	NO	1.1562	1.000	26.04	1.025	39.0	39.8	0.0819	
19	1,2,3,7,8-PeCDF	9.26e4	0.63	NO	0.8499	1.000	31.50	1.216	98.0	98.1	0.123	
20	1,2,3,4,7,8-HxCDD	6.61e5	1.27	NO	0.7790	1.000	24.97	1.014	37.0	37.2	0.149	
21	1,2,3,6,7,8-HxCDD	6.19e5	1.38	NO	1.0167	1.000	24.97	1.017	64.7	64.7	0.146	





#	Name	Range	ISA	Qty	RFP	wtVol	RT	RRT	Conc	%Rec	DI	EMPC
1	1,2,3,7,8-HxCDD	2.48e4	0.30	NO	0.8853	1.000	26.17	1.001	3.28	101	0.0079	2.01
2	1,2,3,7,8-PeCDD	5.55e4	0.50	NO	0.9041	1.000	31.21	1.002	10.2	102	0.0430	10.2
3	1,2,3,4,7,8-HxCDD	5.94e4	1.24	NO	1.9374	1.000	34.00	1.000	10.2	102	0.0511	10.2
4	1,2,3,6,7,8-HxCDD	1.01e4	1.24	NO	0.8927	1.000	34.99	1.000	10.7	101	0.0569	10.7
5	1,2,3,7,8,9-HxCDD	7.51e4	1.25	NO	0.8955	1.000	35.20	1.000	10.5	101	0.0670	10.5
6	1,2,3,4,6,7,8-HpCDD	4.99e4	1.03	NO	0.8838	1.000	28.00	1.000	10.4	104	0.0197	10.4
7	CDD	3.89e4	0.30	NO	0.9130	1.000	41.75	1.000	21.0	105	3.105	21.0
8	1,2,3,7,8-HxCDF	2.87e4	0.74	NO	0.7510	1.000	26.09	1.001	1.97	98.6	0.0231	1.97
9	1,2,3,7,8-PeCDF	1.31e4	1.55	NO	0.9225	1.000	30.21	1.000	10.7	101	0.0517	10.7
10	1,2,3,4,7,8-HxCDF	1.38e4	1.55	NO	0.9245	1.000	31.21	1.000	10.5	104	0.0475	10.4
11	1,2,3,4,7,8-HpCDF	7.91e4	1.20	NO	0.8545	1.000	34.01	1.001	10.5	100	0.5083	10.5
12	1,2,3,6,7,8-HxCDF	4.26e4	1.25	NO	0.9092	1.000	34.12	1.000	10.2	103	0.0595	10.2
13	1,2,3,6,7,8-HpCDF	8.51e4	1.25	NO	0.9341	1.000	34.71	1.000	10.3	105	0.0600	10.3
14	1,2,3,7,8,9-HxCDF	6.49e4	1.24	NO	0.8787	1.000	35.81	1.000	10.3	102	0.0501	10.3
15	1,2,3,4,6,7,8-HpCDF	1.72e4	1.00	NO	0.8734	1.000	37.40	1.001	10.1	101	0.0820	10.1
16	1,2,3,4,7,8,9-HpCDF	4.43e4	1.01	NO	0.9128	1.000	39.38	1.000	10.4	104	0.0601	10.4
17	CDF	3.66e4	0.50	NO	0.8985	1.000	41.96	1.000	25.4	103	0.0363	25.4
18	1,2,3,4,6,7,8-HpCDF	1.31e4	0.79	NO	1.1560	1.000	26.54	1.025	19.0	89.5	0.0663	
19	1,2,3,6,7,8-HxCDF	9.29e4	0.53	NO	0.9420	1.000	31.08	1.216	58.6	96.3	0.123	
20	1,2,3,4,7,8,9-HpCDD	2.61e4	1.27	NO	0.7798	1.000	34.07	1.034	57.0	97.0	0.159	
21	1,2,3,4,6,7,8-HpCDD	6.20e4	1.26	NO	1.0187	1.000	24.97	1.017	34.7	94.7	0.145	



Custom Reporting: Select reports to generate

20052002_3 CAP NLSM

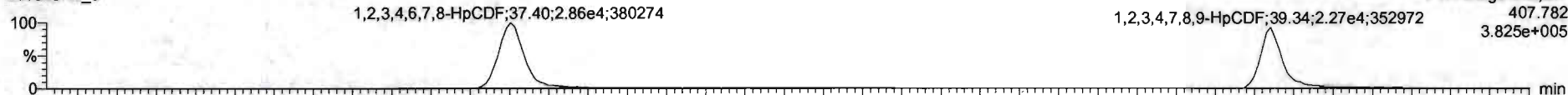
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

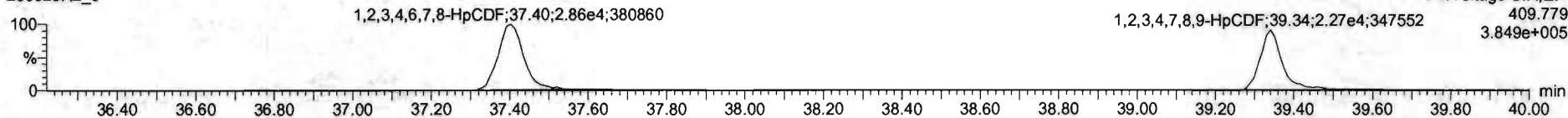
Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

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

200528R2_3

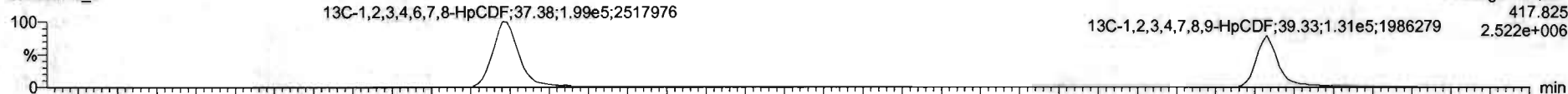


200528R2_3

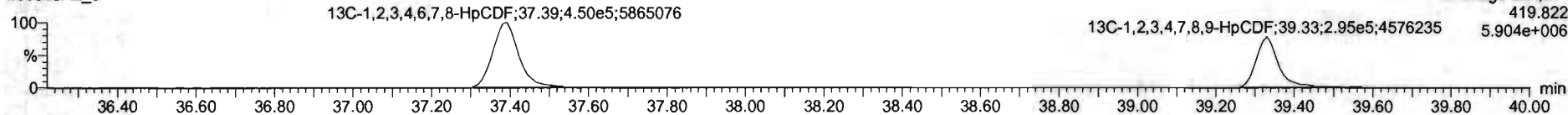


13C-1,2,3,4,6,7,8-HpCDF

200528R2_3

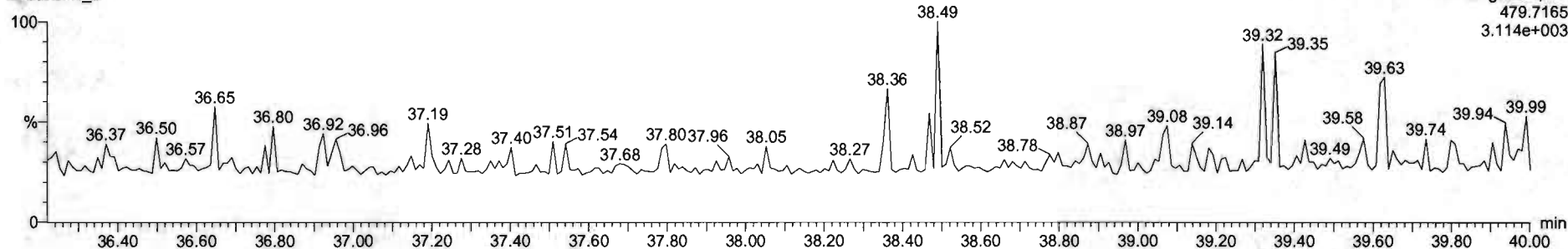


200528R2_3



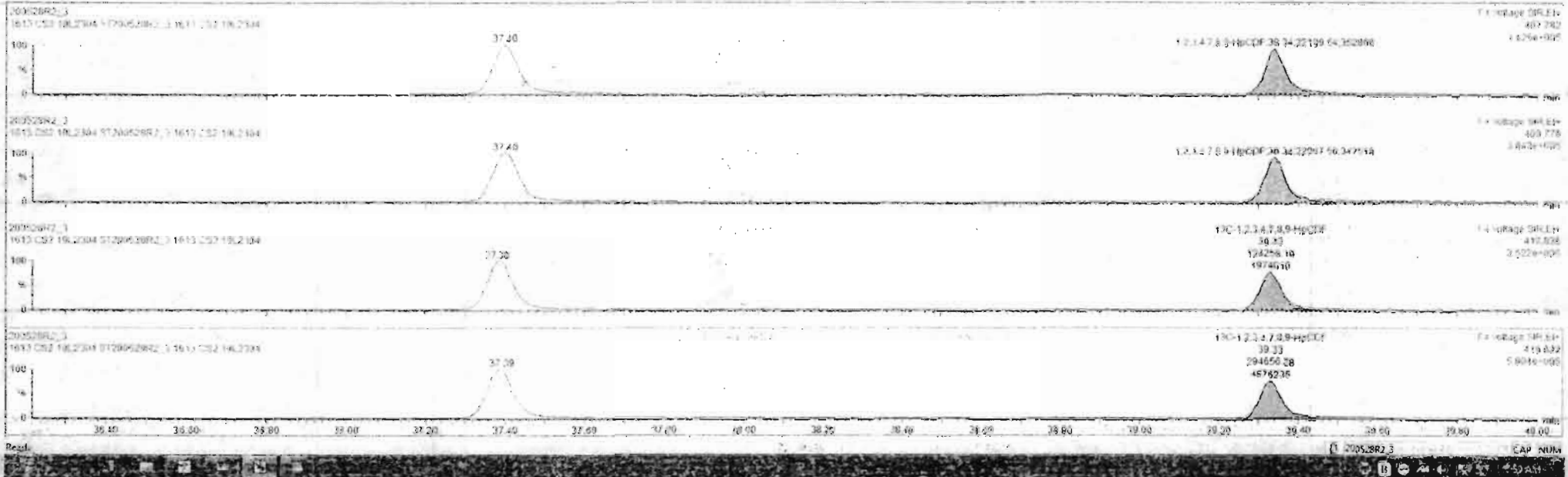
DPE4

200528R2_3





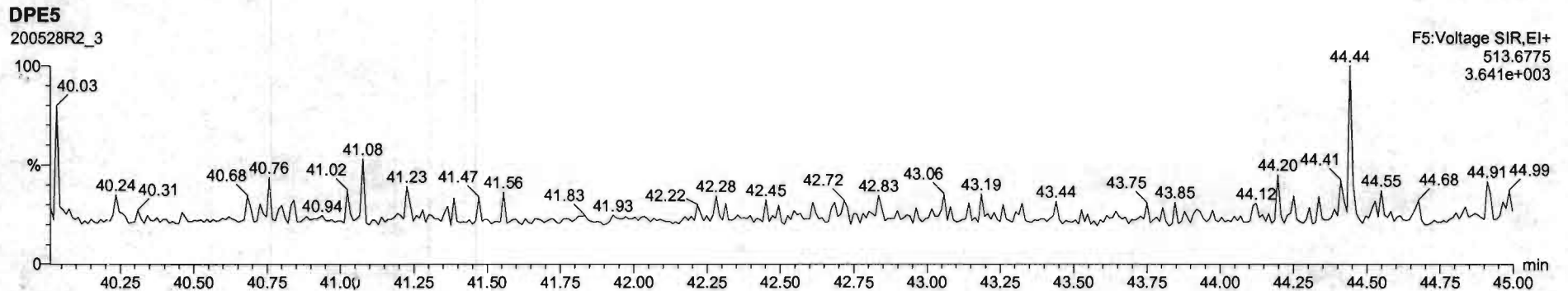
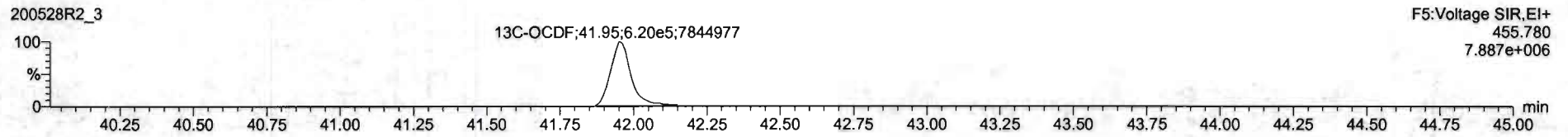
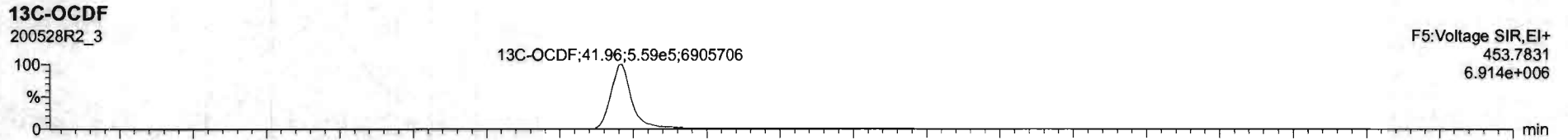
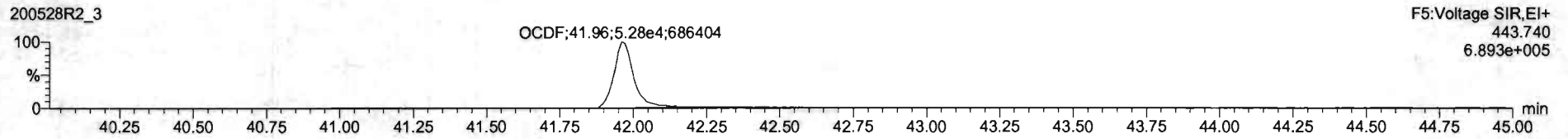
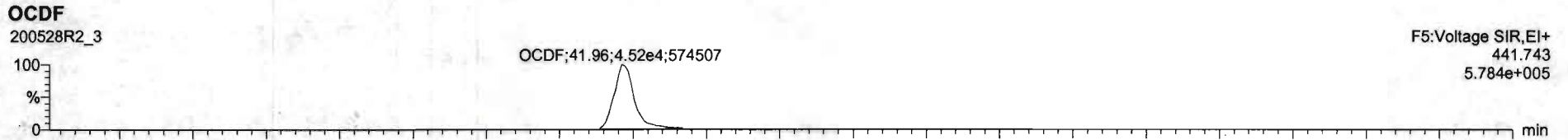
#	Name	Desc	RA	RY	RRF	whval	RT	RFI	Conc	MRnc	DL	UM
1	1,2,3,6-TCDF	2.48e4	0.00	NO	0.8803	1.00	26.07	1.00	2.00	107	0.0276	2.30
2	1,2,3,7,8-PeCDF	1.50e4	0.03	NO	0.9091	1.00	31.01	1.00	10.0	107	0.0400	10.2
3	1,2,3,4,7,8-HxCDF	8.90e3	1.24	NO	1.0334	1.00	34.05	1.00	10.0	107	0.0501	10.2
4	1,2,3,6,7,8-HxCDF	6.01e3	1.04	NO	0.8621	1.00	34.36	1.00	10.0	107	0.0559	10.2
5	1,2,3,7,8-HxCDF	2.11e4	1.26	NO	0.8809	1.00	35.26	1.00	10.0	107	0.0579	10.3
6	1,2,3,4,6,7,8-HpCDF	1.90e4	1.02	NO	0.8639	1.00	35.90	1.00	10.0	104	0.0792	10.4
7	OCDF	0.59e4	0.09	NO	0.9126	1.00	31.75	1.00	21.0	105	0.109	21.0
8	2,3,7,8-TCDF	2.72e4	0.24	NO	0.7510	1.00	25.00	1.00	1.97	96.8	0.0101	1.97
9	1,2,3,7,8-HxCDF	1.15e4	1.90	NO	0.6902	1.00	30.23	1.00	10.0	107	0.0517	10.0
10	1,2,3,4,7,8-HxCDF	1.15e4	1.05	NO	0.9140	1.00	31.41	1.00	10.4	104	0.0475	10.4
11	1,2,3,4,7,8-HpCDF	2.91e3	1.02	NO	0.6940	1.00	34.05	1.00	10.0	106	0.0651	10.0
12	1,2,3,6,7,8-HpCDF	1.20e4	1.08	NO	0.9042	1.00	34.12	1.00	10.0	103	0.0595	10.0
13	2,3,4,7,8-HpCDF	8.50e4	1.05	NO	0.9341	1.00	34.71	1.00	10.0	105	0.0690	10.0
14	1,2,3,7,8-HpCDF	6.49e3	1.24	NO	0.6707	1.00	31.92	1.00	10.0	103	0.0601	10.0
15	1,2,3,4,6,7,8-HpCDF	1.72e4	1.00	NO	0.9224	1.00	37.40	1.00	10.0	101	0.0626	10.0
16	1,2,3,4,7,8,9-HpCDF	4.43e4	1.03	NO	1.0120	1.00	39.34	1.00	10.0	104	0.0681	10.0
17	OCDF	9.86e3	0.00	NO	0.9060	1.00	41.30	1.00	26.6	103	0.0847	26.6
18	1,2,3,4,6,7,8-HpCDF	1.31e4	0.76	NO	1.1503	1.00	26.54	1.00	50.0	39.0	0.0869	50.0
19	1,2,3,4,7,8,9-HpCDF	9.19e3	0.03	NO	0.8450	1.00	35.10	1.00	20.0	80.0	0.123	20.0
20	1,2,3,4,7,8-HpCDF	8.61e3	1.27	NO	0.7790	1.00	34.87	1.00	10.0	104	0.100	10.0
21	1,2,3,4,6,7,8-HpCDF	6.39e3	1.26	NO	1.0167	1.00	34.07	1.00	34.7	34.7	0.140	34.7



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

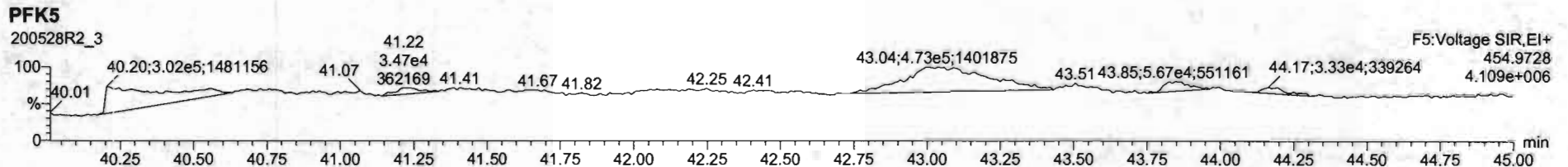
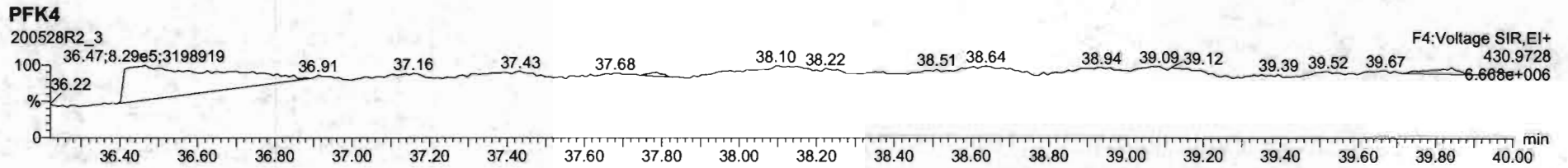
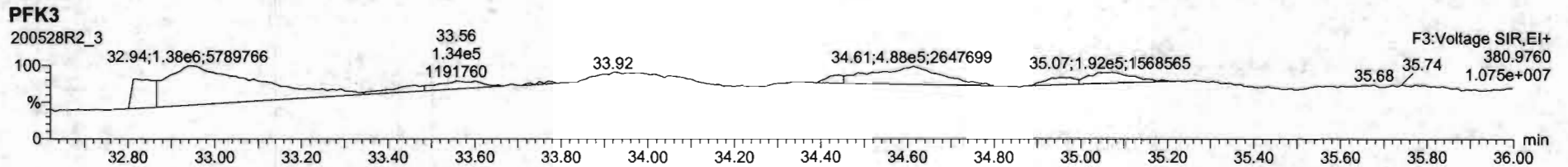
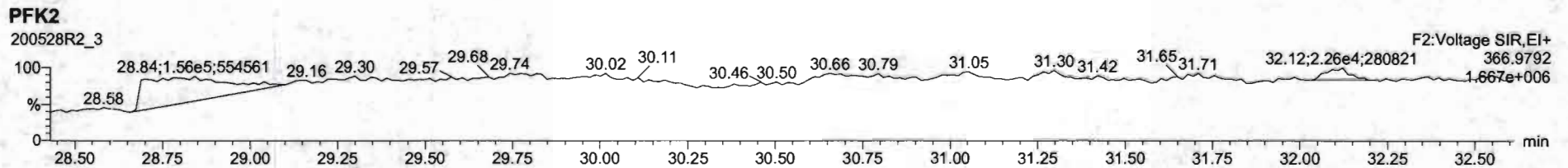
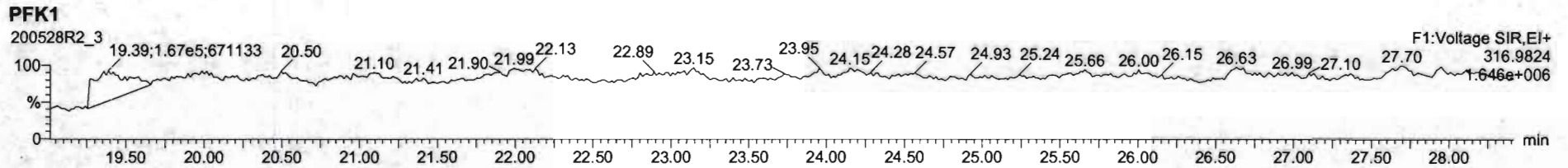


Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_3, Date: 28-May-2020, Time: 13:28:43, ID: ST200528R2_3 1613 CS2 19L2304, Description: 1613 CS2 19L2304



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

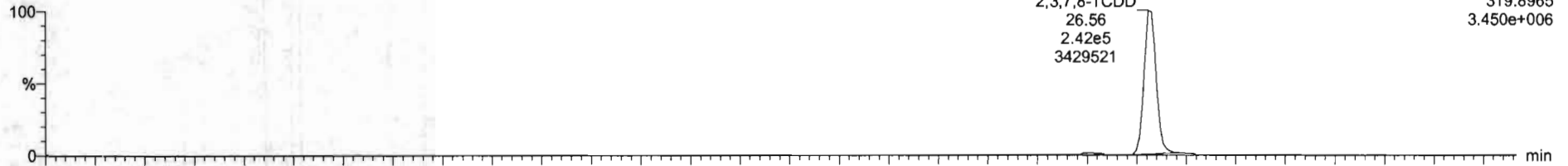
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

2,3,7,8-TCDD

200528R2_4

2,3,7,8-TCDD
26.56
2.42e5
3429521

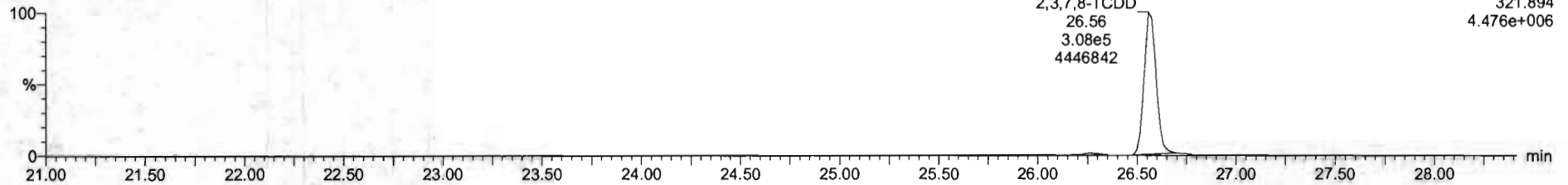
F1:Voltage SIR,EI+
319.8965
3.450e+006



200528R2_4

2,3,7,8-TCDD
26.56
3.08e5
4446842

F1:Voltage SIR,EI+
321.894
4.476e+006



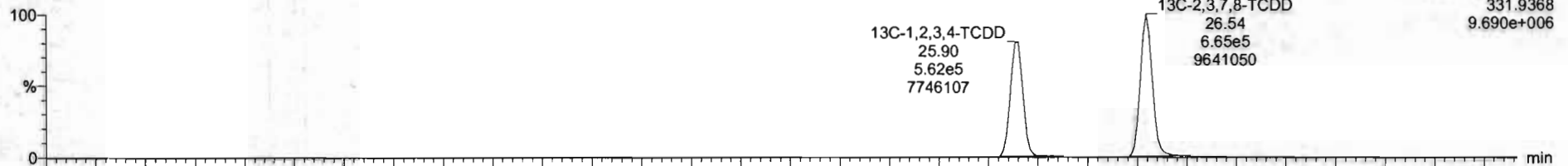
13C-2,3,7,8-TCDD

200528R2_4

13C-1,2,3,4-TCDD
25.90
5.62e5
7746107

13C-2,3,7,8-TCDD
26.54
6.65e5
9641050

F1:Voltage SIR,EI+
331.9368
9.690e+006

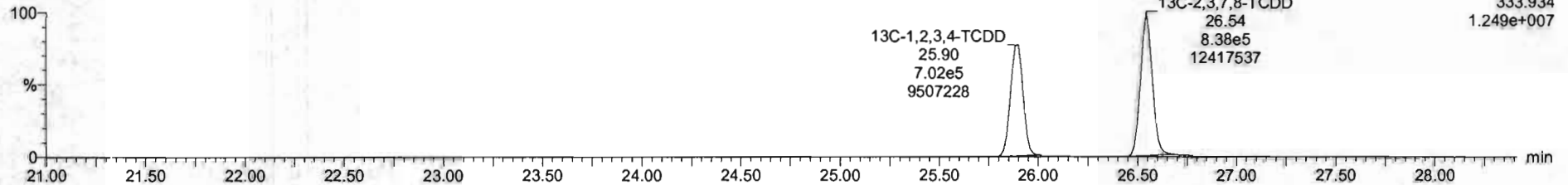


200528R2_4

13C-1,2,3,4-TCDD
25.90
7.02e5
9507228

13C-2,3,7,8-TCDD
26.54
8.38e5
12417537

F1:Voltage SIR,EI+
333.934
1.249e+007



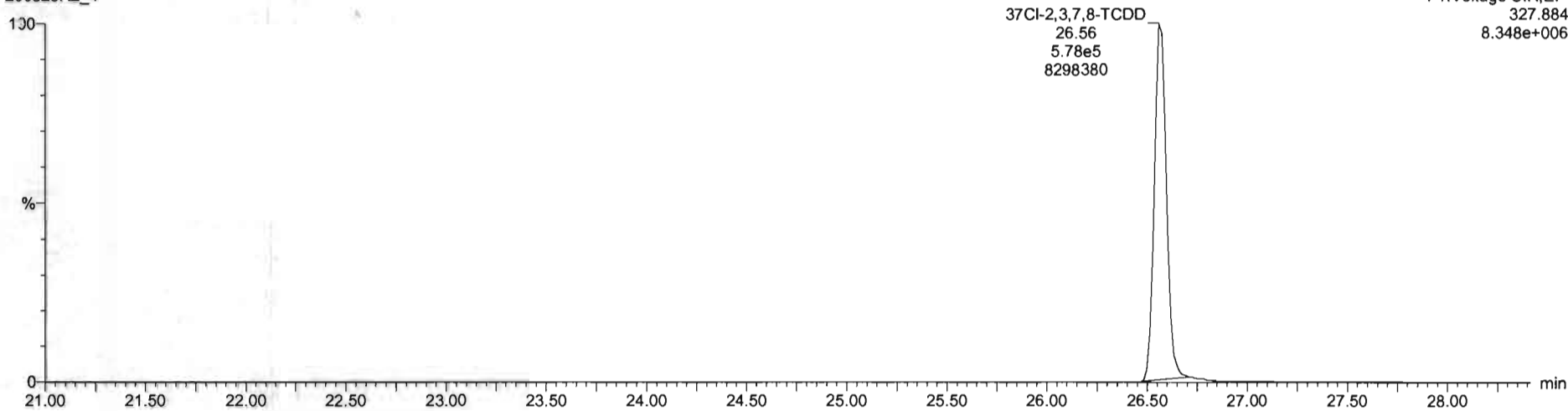
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

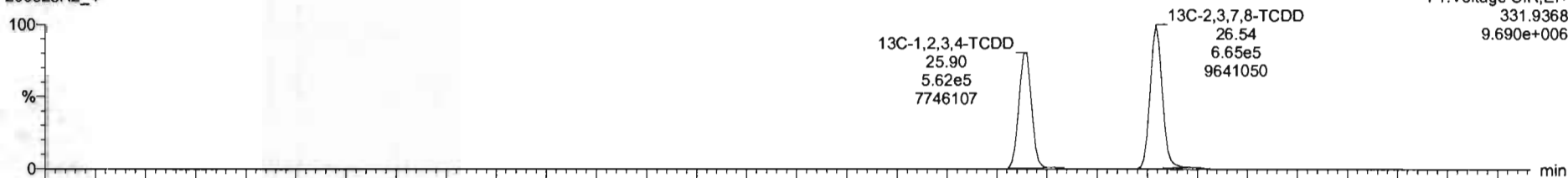
37Cl-2,3,7,8-TCDD

200528R2_4

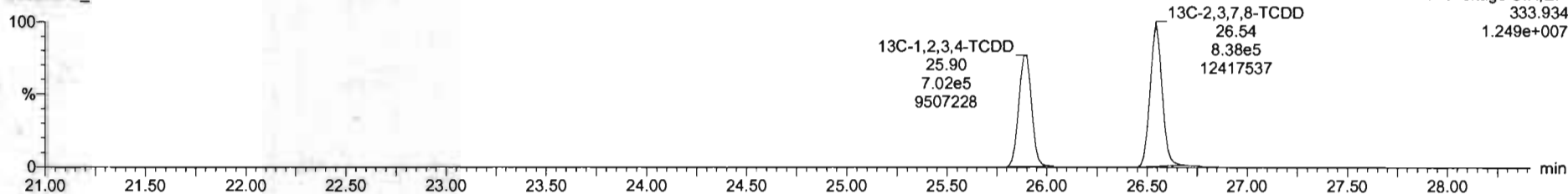


13C-1,2,3,4-TCDD

200528R2_4



200528R2_4



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

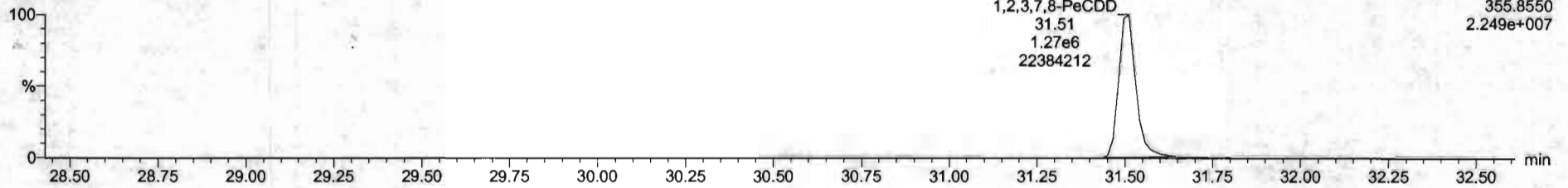
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

1,2,3,7,8-PeCDD

200528R2_4

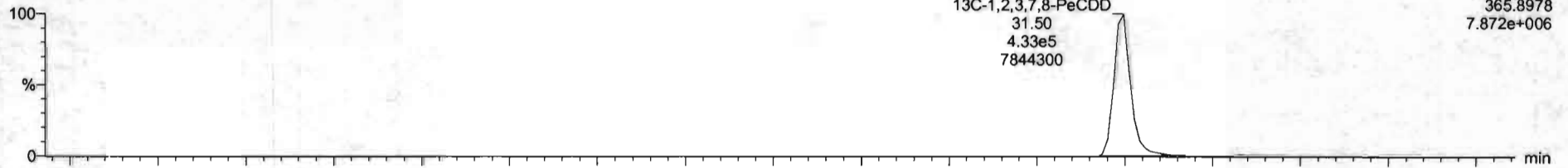


200528R2_4

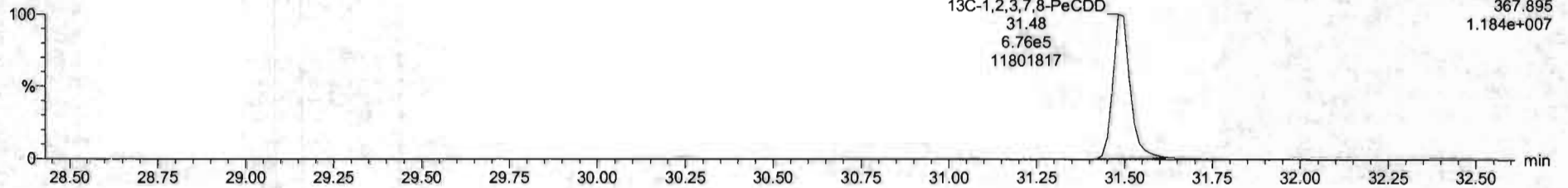


13C-1,2,3,7,8-PeCDD

200528R2_4



200528R2_4



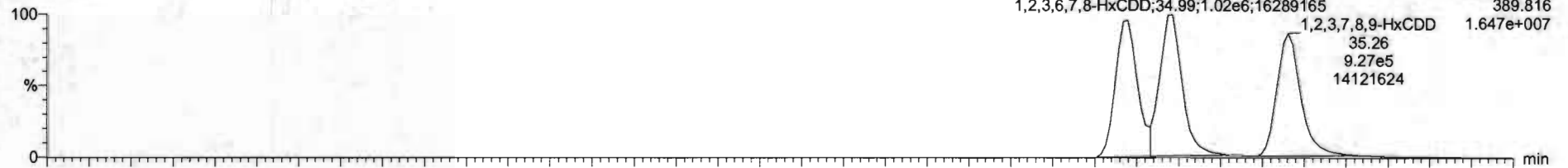
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

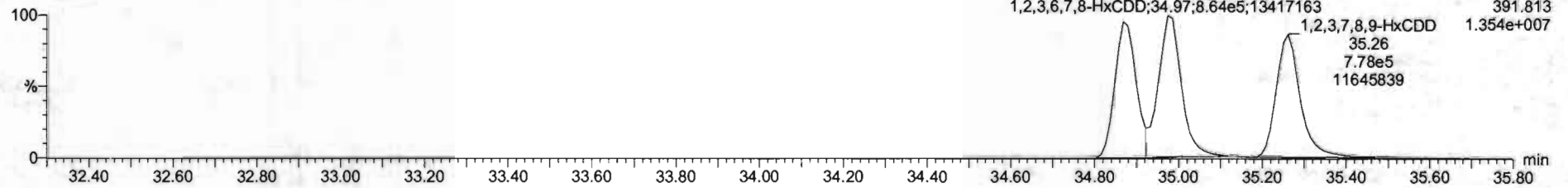
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

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

200528R2_4

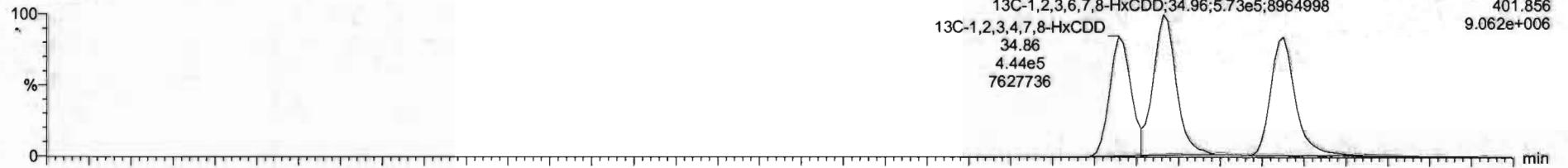


200528R2_4

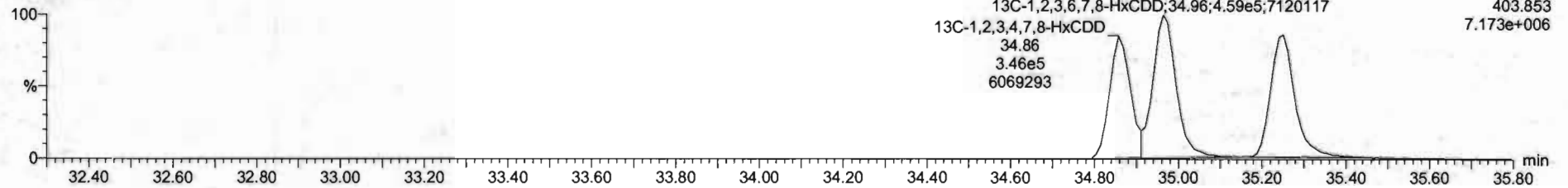


13C-1,2,3,4,7,8-HxCDD

200528R2_4

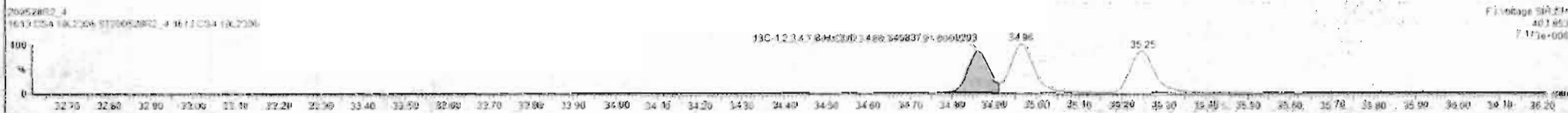
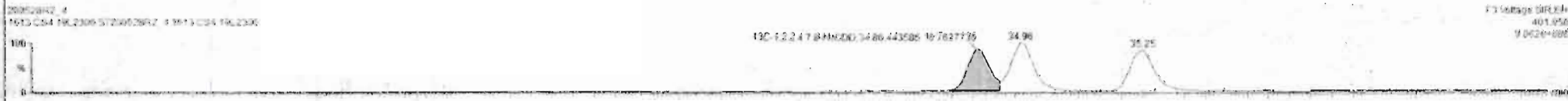
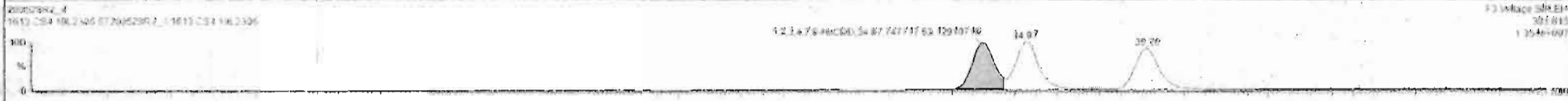


200528R2_4

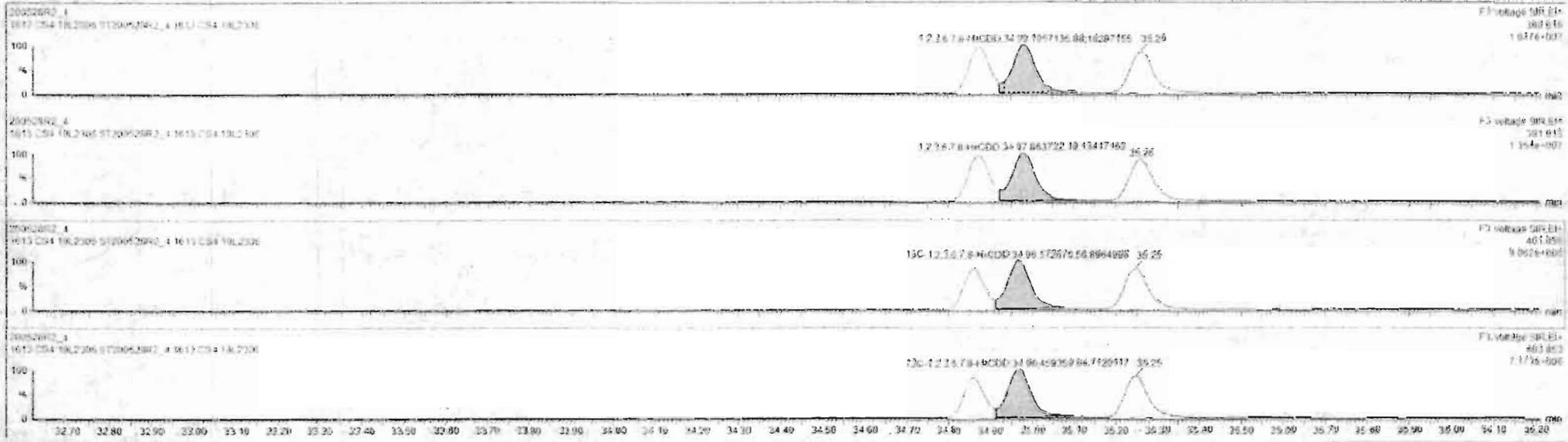




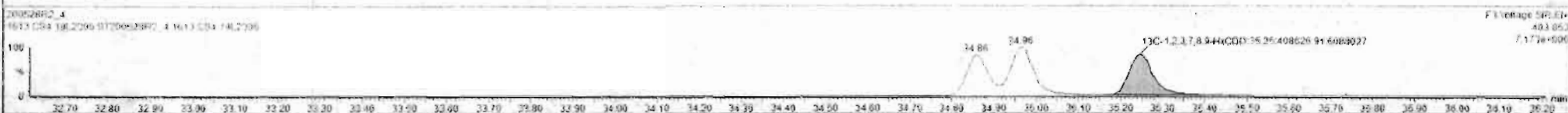
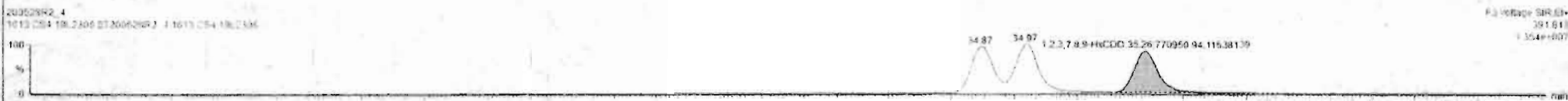
KL	Name	ResP	RA	n/y	RRF	inVol	RT	RRT	Conc	%Rec	DL	EMPC
1	1.2.3.7.8-TCDD	2.50e6	0.78	NO	0.882	1.000	26.99	1.001	41.2	101	0.129	41.2
2	1.2.3.7.8-HxCDD	2.25e6	0.83	NO	0.9091	1.000	31.51	1.000	205	102	0.0837	205
3	1.2.3.4.7.8-HxCDD	1.67e6	1.23	NO	1.0394	1.000	34.86	1.001	204	102	0.115	204
4	1.2.3.6.7.8-HxCDD	1.92e6	1.22	NO	0.8921	1.000	34.98	1.001	200	104	0.111	200
5	1.2.3.7.8.9-HxCDD	1.70e6	1.26	NO	0.8865	1.000	35.25	1.000	210	105	0.133	210
6	1.2.3.4.6.7.8-HpCDD	1.25e6	1.02	NO	0.8839	1.000	36.80	1.000	211	105	0.218	211
7	OCDD	2.45e6	0.27	NO	0.9136	1.000	41.77	1.000	397	99.4	0.192	397
8	1.2.3.6-TCDF	6.52e5	0.76	NO	0.7019	1.000	25.88	1.001	42.8	107	0.123	42.8
9	1.2.3.7.8-HxCDF	2.94e6	1.54	NO	0.8925	1.000	28.23	1.000	203	101	0.118	203
10	1.2.3.4.7.8-HpCDF	3.50e6	1.54	NO	0.9348	1.000	31.21	1.000	204	102	0.109	204
11	1.2.3.4.7.8-HxCDF	1.87e6	1.16	NO	0.8845	1.000	33.99	1.000	208	104	0.223	208
12	1.2.3.6.7.8-HpCDF	2.16e6	1.18	NO	0.8812	1.000	33.12	1.001	206	103	0.263	206
13	2.3.4.6.7.8-HxCDF	2.96e6	1.19	NO	0.9341	1.000	34.21	1.001	207	103	0.219	207
14	1.2.3.7.8.9-HxCDF	1.60e6	1.26	NO	0.8701	1.000	35.62	1.001	208	104	0.313	208
15	1.2.3.4.6.7.8-HpCDF	1.43e6	0.99	NO	0.8714	1.000	37.35	1.000	213	106	0.213	213
16	1.2.3.4.7.8.9-HpCDF	1.13e6	0.98	NO	1.0128	1.000	39.33	1.000	214	107	0.227	214
17	OCDF	2.54e6	0.87	NO	0.8065	1.000	41.96	1.000	402	100	0.171	402
18	13C-1.2.3.7.8-TCDD	1.58e6	0.79	NO	1.1563	1.000	26.64	1.025	103	103	0.164	
19	13C-1.2.3.7.8-HxCDD	1.11e6	0.84	NO	0.8489	1.000	31.58	1.216	103	103	0.138	
20	13C-1.2.3.4.7.8-HxCDD	7.89e5	1.28	NO	0.7736	1.000	34.96	1.014	103	103	0.172	
21	13C-1.2.3.6.7.8-HxCDD	1.07e6	1.25	NO	1.0147	1.000	34.96	1.017	104	104	0.121	



#	Name	Keep	RA	dy	RF	width	RT	RRT	Conc	Wt%	DL	EMPU
1	1.2.3.7.8-TCDF	1.50e6	0.18	NO	0.0061	1.000	36.96	1.001	41.2	101	0.124	41.1
2	1.2.3.7.8-HxCDD	2.56e6	0.43	NO	0.0041	1.000	31.51	1.000	205	102	0.0017	204
3	1.2.3.7.8-HxCDF	1.87e6	1.23	NO	1.0714	1.000	34.80	1.001	204	102	0.115	204
4	1.2.3.6.7.8-HxCDD	1.92e6	1.22	NO	0.0020	1.000	34.96	1.001	394	104	0.119	395
5	1.2.3.7.8-HxCDF	1.19e6	1.20	NO	0.0065	1.000	35.26	1.000	210	102	0.133	210
6	1.2.3.4.6.7.8-HxCDD	1.25e6	1.02	NO	0.0033	1.000	36.60	1.000	211	104	0.219	211
7	OCDD	2.45e6	0.97	NO	0.0136	1.000	41.77	1.000	307	104	0.192	307
8	1.2.3.7.8-TCDF	4.12e6	0.16	NO	0.0140	1.000	25.88	1.001	42.0	107	0.123	42.0
9	1.2.3.7.8-HxCDF	1.19e6	1.14	NO	0.0025	1.000	30.23	1.000	203	101	0.100	203
10	1.2.3.4.7.8-HxCDF	1.08e6	1.14	NO	0.0346	1.000	31.21	1.000	204	102	0.169	204
11	1.2.3.4.7.8-HxCDF	1.87e6	1.18	NO	0.0041	1.000	33.99	1.000	200	104	0.221	200
12	1.2.3.6.7.8-HxCDF	2.16e6	1.10	NO	0.0092	1.000	34.12	1.001	206	103	0.203	206
13	1.2.3.4.6.7.8-HxCDF	2.68e6	1.19	NO	0.0041	1.000	34.71	1.001	207	103	0.219	207
14	1.2.3.7.8-HxCDF	1.68e6	1.20	NO	0.0307	1.000	35.62	1.001	208	104	0.215	208
15	1.2.3.4.6.7.8-HxCDF	1.43e6	0.99	NO	0.0734	1.000	37.59	1.000	213	106	0.213	213
16	1.2.3.4.7.8-HxCDF	1.13e6	0.90	NO	1.0120	1.000	30.33	1.000	214	107	0.227	214
17	OCDF	2.34e6	0.97	NO	0.0254	1.000	41.96	1.000	400	100	0.111	400
18	1.2.3.7.8-TCDD	1.19e6	0.79	NO	1.1563	1.000	26.94	1.000	163	103	0.114	163
19	1.2.3.1.2.7.8-HxCDD	1.11e6	0.84	NO	0.0490	1.000	31.00	1.210	103	103	0.119	103
20	1.2.3.1.2.4.7.8-HxCDD	7.39e6	1.23	NO	0.7790	1.000	34.06	1.014	103	103	0.172	103
21	1.2.3.1.2.3.7.8-HxCDD	1.02e6	1.25	NO	1.0187	1.000	34.96	1.017	104	104	0.171	104



#	Name	Resp	RA	ny	RRF	wtdwt	RT	RRT	Coef	%Rec	DL	IMP
1	1,2,3,6,7-CDD	0.56e6	0.76	NO	0.8863	1.000	26.56	1.091	41.7	102	0.124	41.4
2	1,2,3,7,8-HxCDD	2.36e6	0.43	NO	0.8051	1.000	31.51	1.000	205	102	0.0837	205
3	1,2,3,4,7,8-HxCDD	1.67e6	1.22	NO	1.0334	1.000	34.55	1.001	204	102	0.115	204
4	1,2,3,6,7,8-HxCDD	1.92e6	1.22	NO	0.9923	1.000	34.99	1.001	209	104	0.111	209
5	1,2,3,7,8,9-HxCDD	1.70e6	1.20	NO	0.6868	1.000	35.26	1.000	210	105	0.133	210
6	1,2,3,4,6,7,8-HpCDD	1.25e6	1.62	NO	0.8830	1.000	38.50	1.000	211	105	0.123	211
7	CDD	2.45e6	0.87	NO	0.9136	1.000	41.77	1.000	397	99.4	0.100	397
8	1,2,3,6,7-CDF	6.53e6	0.76	NO	0.7510	1.000	25.68	1.001	42.0	107	0.123	42.0
9	1,2,3,7,8-CDF	2.84e6	1.54	NO	0.8920	1.000	30.21	1.000	207	101	0.119	207
10	1,2,3,7,8-HpCDF	2.06e6	1.54	NO	0.9345	1.000	31.21	1.000	204	102	0.109	204
11	1,2,3,4,7,8-HxCDF	1.67e6	1.16	NO	0.8845	1.000	33.95	1.000	202	104	0.221	202
12	1,2,3,6,7,8-HxCDF	2.16e6	1.10	NO	0.8292	1.000	34.12	1.001	206	103	0.203	206
13	1,2,3,6,7,8-HpCDF	2.00e6	1.19	NO	0.9241	1.000	34.71	1.001	207	103	0.219	207
14	1,2,3,7,8,9-HxCDF	1.60e6	1.20	NO	0.8757	1.000	35.42	1.001	203	104	0.313	203
15	1,2,3,4,6,7,8-HpCDF	1.43e6	0.99	NO	0.8734	1.000	37.39	1.000	213	106	0.213	213
16	1,2,3,4,7,8,9-HpCDF	1.13e6	0.98	NO	1.0128	1.000	39.33	1.000	214	107	0.227	214
17	CDF	3.54e6	0.57	NO	0.8095	1.000	41.96	1.000	402	100	0.171	402
18	1,2,3,7,8,9-CDF	1.56e6	0.75	NO	1.1567	1.000	28.54	1.025	103	103	0.164	
19	1,2,3,4,7,8-HpCDD	1.11e6	0.64	NO	0.8469	1.000	31.50	1.216	103	103	0.139	
20	1,2,3,4,7,8-HxCDD	7.89e6	1.28	NO	0.7798	1.000	34.96	1.014	103	103	0.172	
21	1,2,3,4,7,8-HpCDD	1.03e6	1.35	NO	1.0187	1.000	34.96	1.017	104	104	0.121	



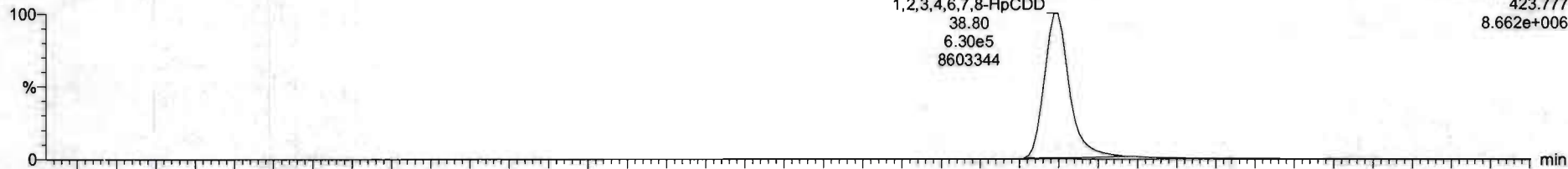
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

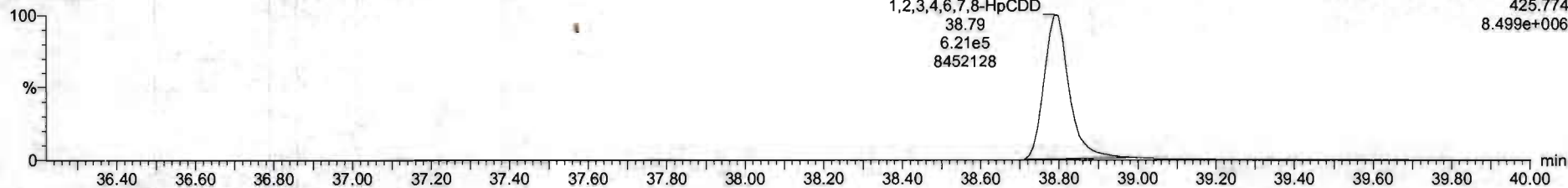
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

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

200528R2_4



200528R2_4

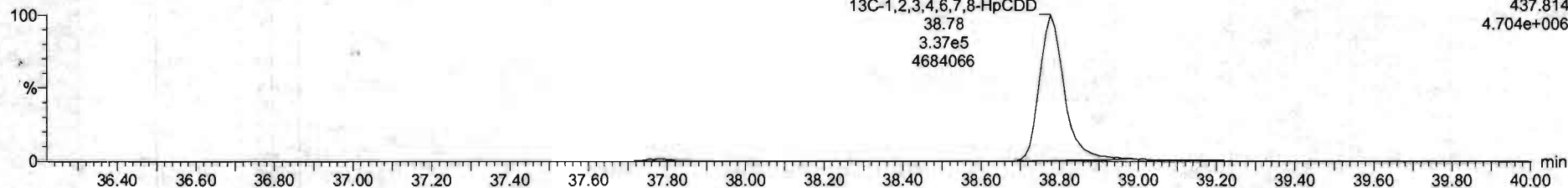


13C-1,2,3,4,6,7,8-HpCDD

200528R2_4



200528R2_4



#	Name	Resp	RA	n/y	RRF	IntVal	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.50e6	0.76	NO	0.8983	1.000	26.96	1.001	41.2	103	0.124	41.2
2	1,2,3,7,8-PeCDD	2.06e6	0.83	NO	0.8081	1.000	31.51	1.000	205	102	0.6837	205
3	1,2,3,4,7,8-HxCDD	1.67e6	1.23	NO	1.0334	1.000	34.80	1.001	204	102	0.115	204
4	1,2,3,6,7,8-HxCDD	1.92e6	1.22	NO	0.8927	1.000	34.99	1.001	209	104	0.111	209
5	1,2,3,7,8,9-HxCDD	1.76e6	1.26	NO	0.8665	1.000	35.25	1.000	210	105	0.133	210
6	1,2,3,4,6,7,8-HpCDD	1.25e6	1.02	NO	0.8839	1.000	36.80	1.000	211	105	0.210	211
7	CDDX	2.45e6	0.87	NO	0.9136	1.000	41.77	1.000	397	99.4	0.192	397
8	2,3,7,8-TCDF	6.52e6	0.76	NO	0.7510	1.000	26.68	1.001	42.0	107	0.123	42.0
9	1,2,3,7,8-HxCDF	3.94e6	1.54	NO	0.8325	1.000	30.21	1.000	203	101	0.118	203
10	1,2,3,4,7,8-PeCDF	3.06e6	1.54	NO	0.9348	1.000	31.21	1.000	204	102	0.109	204
11	1,2,3,4,7,8-HxCDF	1.87e6	1.16	NO	0.8845	1.000	33.99	1.000	208	104	0.221	208
12	1,2,3,6,7,8-HxCDF	2.16e6	1.10	NO	0.8062	1.000	34.12	1.001	208	103	0.203	208
13	2,3,4,6,7,8-HxCDF	2.00e6	1.19	NO	0.9341	1.000	34.71	1.001	207	103	0.219	207
14	1,2,3,7,8,9-HxCDF	1.60e6	1.20	NO	0.8707	1.000	35.62	1.001	208	104	0.313	208
15	1,2,3,4,6,7,8-HpCDF	1.43e6	0.99	NO	0.8734	1.000	37.35	1.000	213	106	0.213	213
16	1,2,3,4,7,8,9-HpCDF	1.13e6	0.98	NO	1.0128	1.000	38.32	1.000	214	107	0.227	214
17	CDFX	2.54e6	0.87	NO	0.8085	1.000	41.96	1.000	402	100	0.171	402
18	1,2,3,7,8-TCDF	1.56e6	0.79	NO	1.1563	1.000	26.54	1.025	103	103	0.164	
19	1,2,3,4,6,7,8-HpCDF	1.11e6	0.84	NO	0.8460	1.000	31.30	1.216	103	103	0.139	
20	1,2,3,4,7,8-HxCDF	7.98e6	1.28	NO	0.7790	1.000	34.86	1.014	103	103	0.172	
21	1,2,3,4,6,7,8-HpCDF	1.03e6	1.25	NO	1.0167	1.000	34.96	1.017	104	104	0.131	



Dataset: Untitled

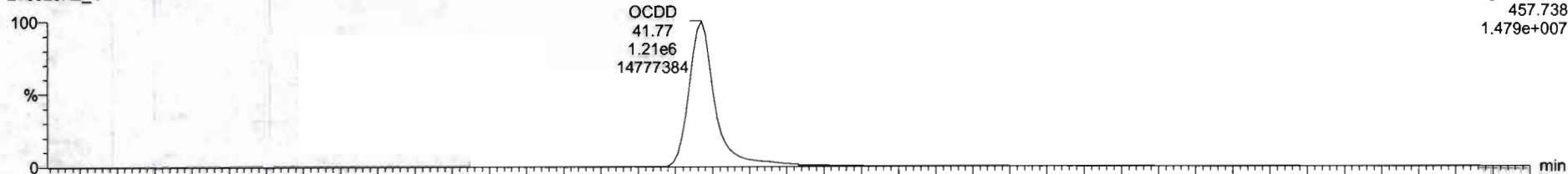
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

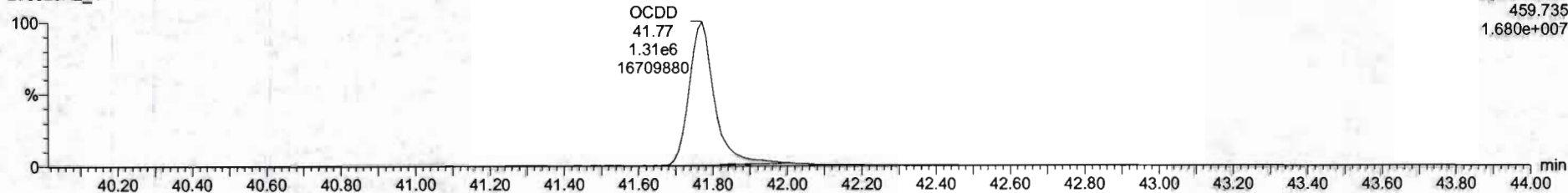
OCDD

200528R2_4



F5: Voltage SIR, EI+
457.738
1.479e+007

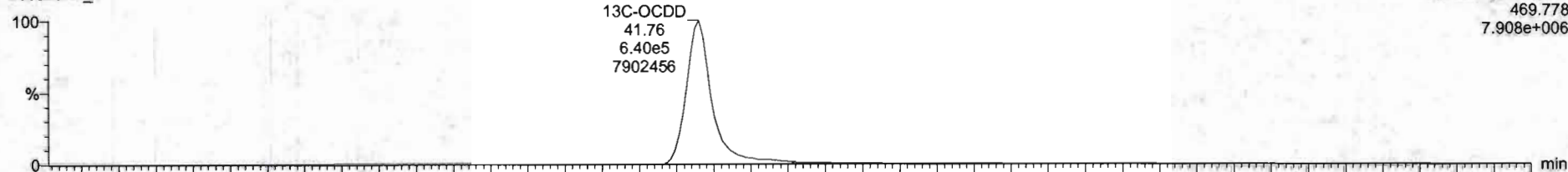
200528R2_4



F5: Voltage SIR, EI+
459.735
1.680e+007

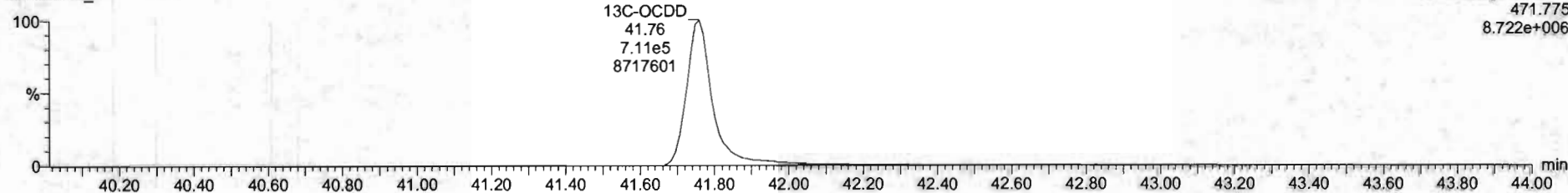
13C-OCDD

200528R2_4



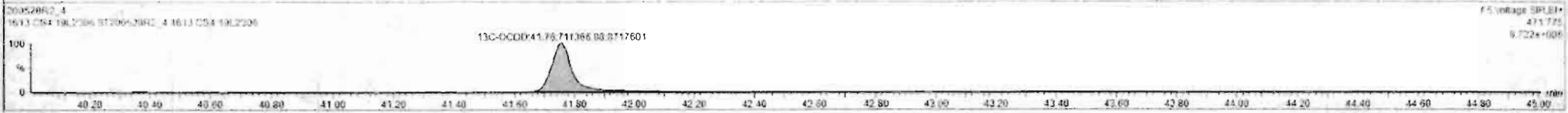
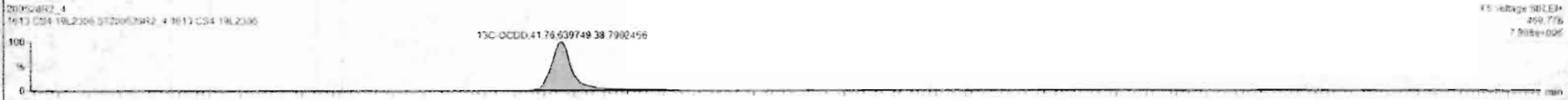
F5: Voltage SIR, EI+
469.778
7.908e+006

200528R2_4



F5: Voltage SIR, EI+
471.775
8.722e+006

Sl. No.	Name	Resp	RA	inj	RRF	wt/vol	RT	NRT	Conc	%Rec	DL	SIIPC
1	2.3.7.8-TCDD	3.56e5	0.76	NO	0.8883	1.000	28.56	1.001	41.2	101	0.134	41.2
2	1.2.3.7.8-PeCDD	2.06e6	0.63	NO	0.9051	1.000	31.01	1.000	205	102	0.6837	205
3	1.2.3.4.7.8-HxCD	1.07e6	1.23	NO	1.0334	1.000	34.80	1.001	284	102	0.115	284
4	1.2.3.6.7.8-HxCDD	1.92e6	1.22	NO	0.8923	1.000	34.99	1.001	209	104	0.111	209
5	1.2.3.7.8.9-HxCDD	1.70e6	1.20	NO	0.8669	1.000	35.26	1.000	210	105	0.133	210
6	1.2.3.4.7.8.9-HpCDD	1.25e6	1.02	NO	0.8639	1.000	36.80	1.000	211	105	0.110	211
7	OCDD	2.45e6	0.87	NO	0.9136	1.000	41.77	1.000	307	99.4	0.192	307
8	2.3.7.8-TCDF	6.52e5	0.76	NO	0.7510	1.000	28.66	1.001	42.8	107	0.123	42.8
9	1.2.3.7.8-PeCDF	2.94e6	1.54	NO	0.9905	1.000	30.23	1.000	203	101	0.118	203
10	1.2.3.4.7.8-HxCDF	1.00e6	1.54	NO	0.9348	1.000	31.21	1.000	204	102	0.100	204
11	1.2.3.4.7.8-HxCDF	1.87e6	1.18	NO	0.8545	1.000	33.99	1.000	205	104	0.221	208
12	1.2.3.6.7.8-HxCDF	2.16e6	1.10	NO	0.8062	1.000	34.12	1.001	200	103	0.205	206
13	1.2.3.4.7.8-HxCDF	2.00e6	1.19	NO	0.9383	1.000	34.71	1.001	207	103	0.219	207
14	1.2.3.7.8.9-HxCDF	1.60e6	1.20	NO	0.8707	1.000	35.62	1.001	208	104	0.313	208
15	1.2.3.4.7.8.9-HpCDF	1.43e6	0.99	NO	0.8734	1.000	37.55	1.000	213	106	0.213	213
16	1.2.3.4.7.8.9-HpCDF	1.13e6	0.90	NO	1.0126	1.000	39.33	1.000	214	107	0.227	214
17	OCDF	2.54e6	0.87	NO	0.8085	1.000	41.96	1.000	402	100	0.171	402
18	13C-2.3.7.8-TCDD	1.58e6	0.79	NO	1.1583	1.000	28.54	1.025	103	103	0.184	
19	13C-1.2.3.7.8-PeCDD	1.11e6	0.64	NO	0.8490	1.000	31.50	1.216	103	103	0.130	
20	13C-1.2.3.4.7.8-HxCDD	7.88e5	1.28	NO	0.7790	1.000	34.86	1.014	103	103	0.172	
21	13C-1.2.3.6.7.8-HxCDD	1.03e6	1.25	NO	1.0187	1.000	34.96	1.017	104	104	0.131	



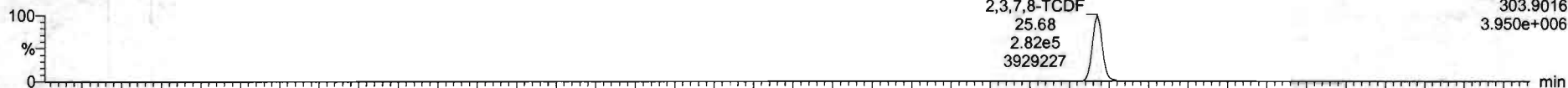
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

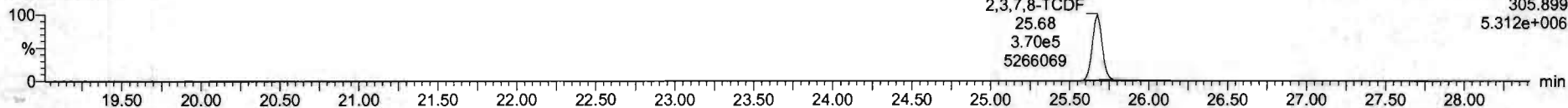
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

2,3,7,8-TCDF

200528R2_4

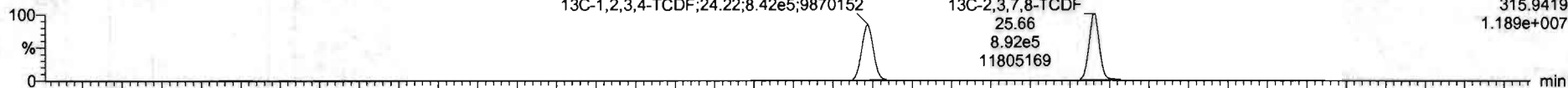


200528R2_4

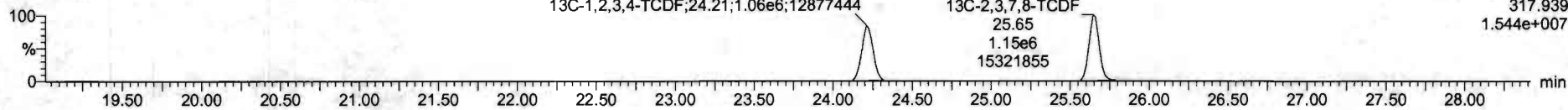


13C-2,3,7,8-TCDF

200528R2_4

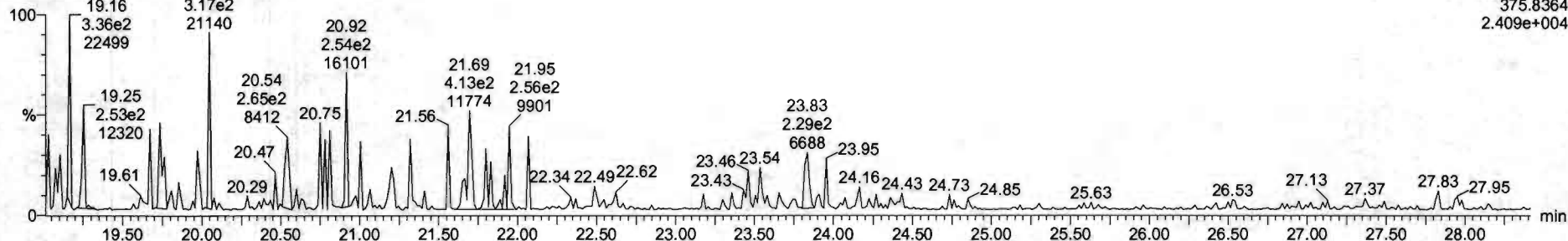


200528R2_4



DPE1

200528R2_4

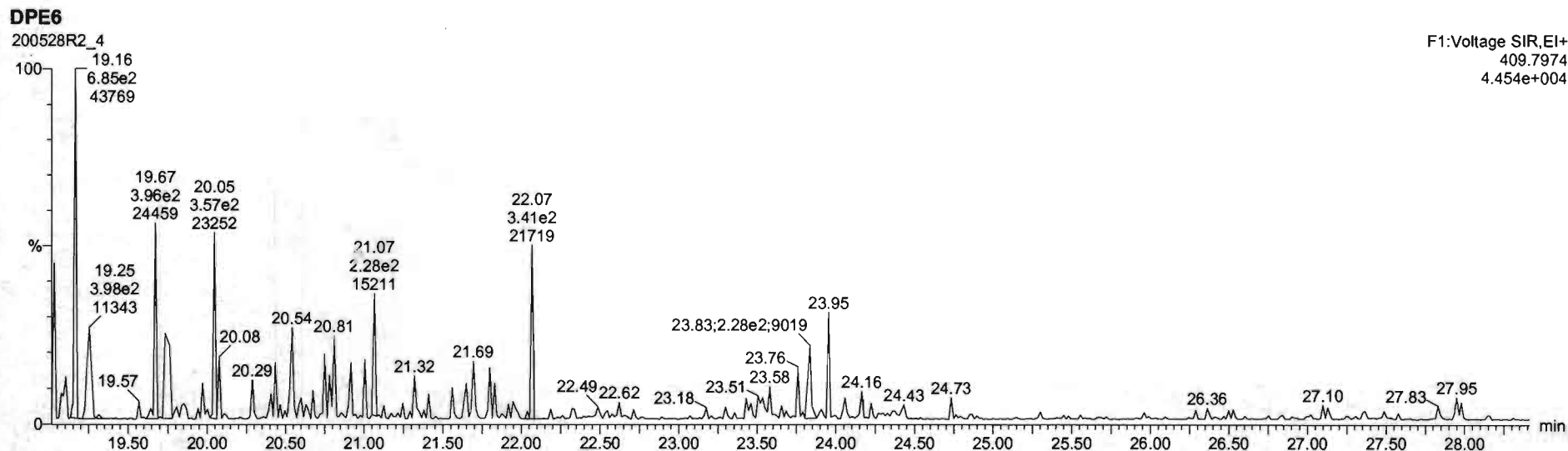
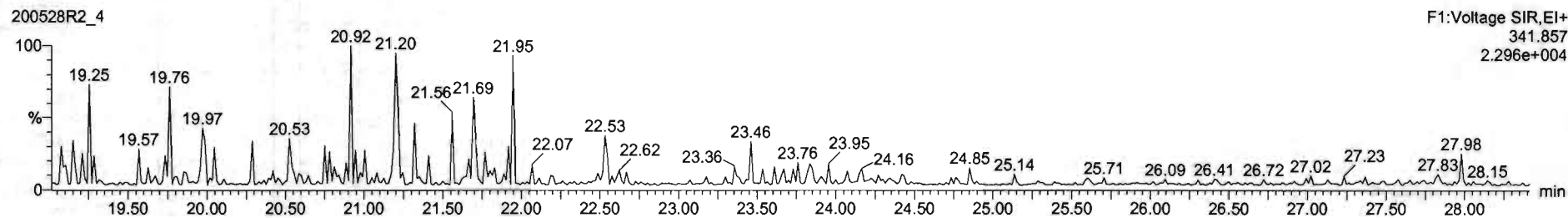
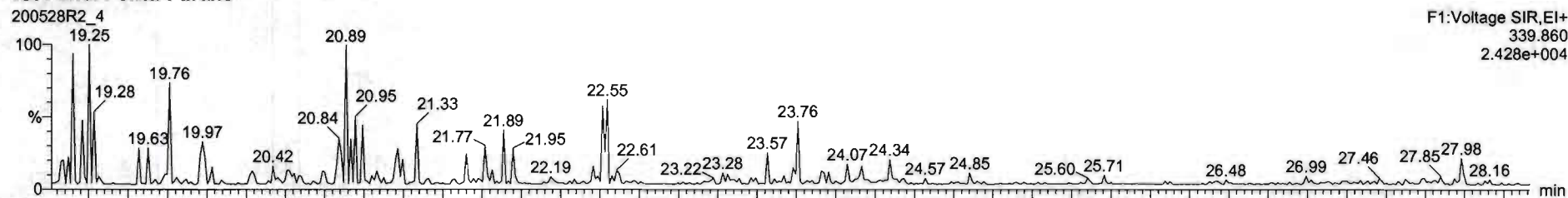


Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

1st Func. Penta-Furans



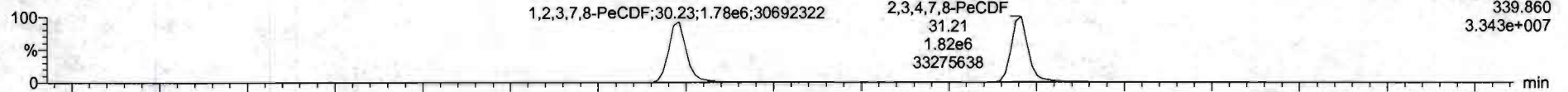
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

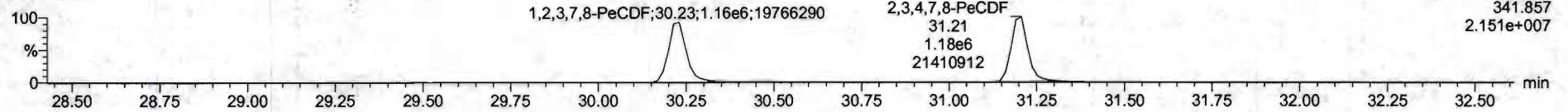
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

1,2,3,7,8-PeCDF

200528R2_4

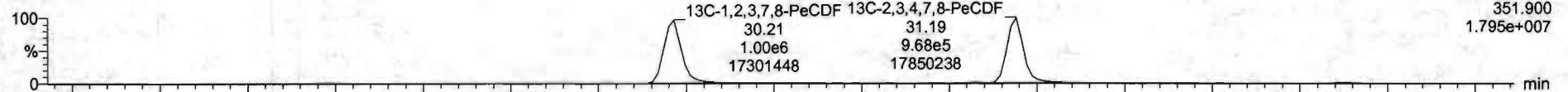


200528R2_4

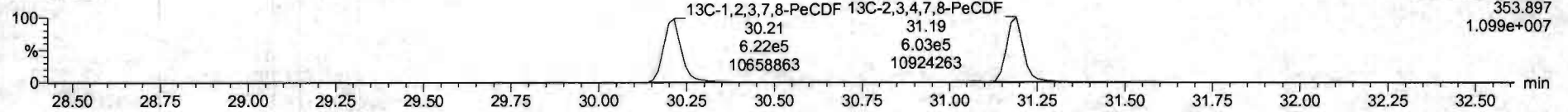


13C-1,2,3,7,8-PeCDF

200528R2_4

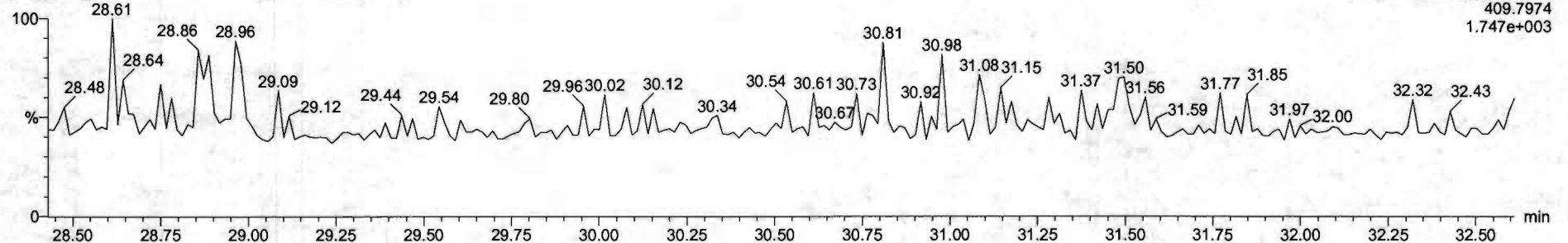


200528R2_4



DPE2

200528R2_4



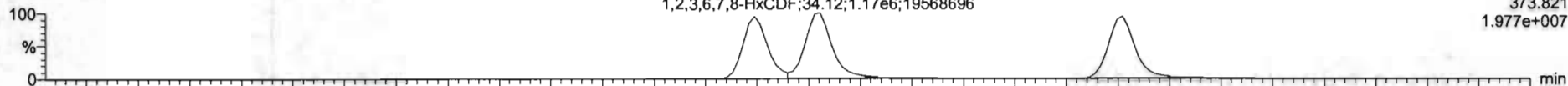
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

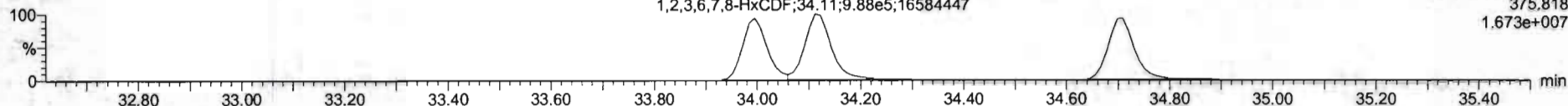
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

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

200528R2_4

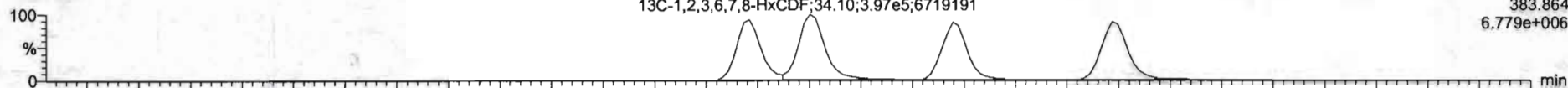


200528R2_4

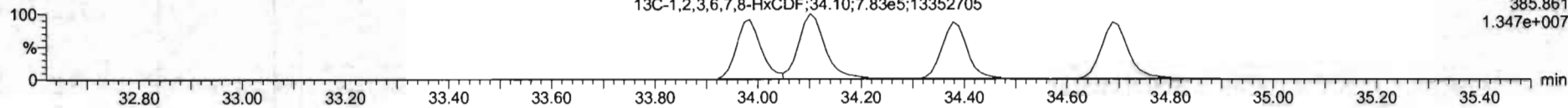


13C-1,2,3,4,7,8-HxCDF

200528R2_4

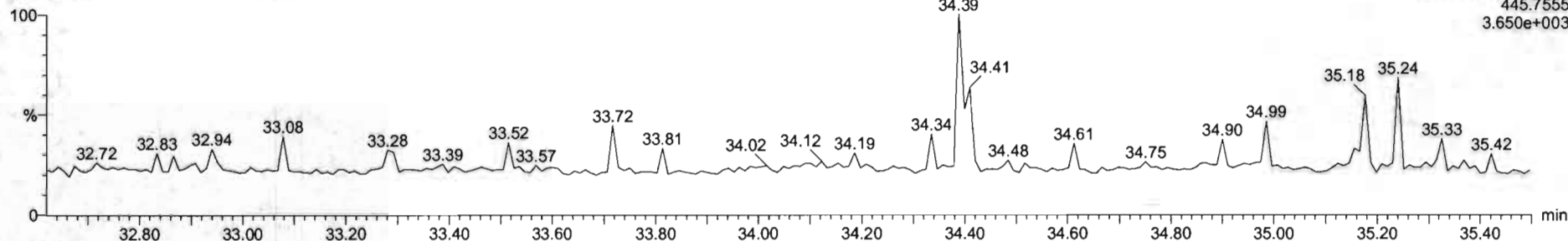


200528R2_4

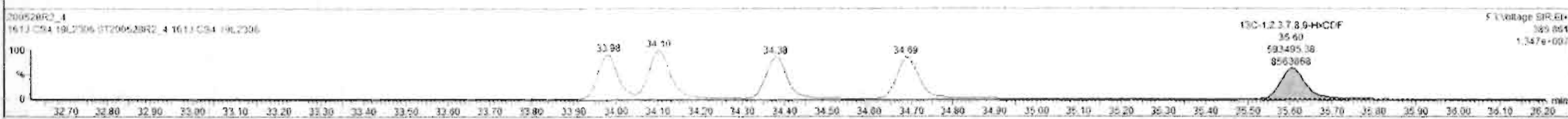
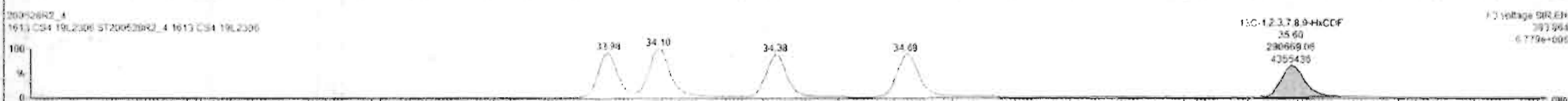


DPE3

200528R2_4



#	Name	Resp	RA	ntf	RRF	wt/vol	RT	RRT	Conc	%Rec	DL	IRFC
1	1.2.3.7.8-TCDD	3.56e5	0.78	NO	0.2882	1.000	26.96	1.001	41.2	103	0.124	11.2
2	1.2.3.7.8-HxCDD	2.06e6	0.83	NO	0.9081	1.000	31.91	1.000	285	100	0.0837	209
3	1.2.3.4.7.8-HxCDD	1.67e6	1.23	NO	1.0324	1.000	34.88	1.001	204	102	0.115	204
4	1.2.3.6.7.8-HxCDD	1.92e6	1.22	NO	0.8523	1.000	34.99	1.001	209	104	0.111	209
5	1.2.3.7.8.9-HxCDD	1.78e6	1.20	NO	0.8865	1.000	35.26	1.008	240	105	0.133	240
6	1.2.3.4.6.7.8-HpCDD	1.25e6	1.02	NO	0.8639	1.000	36.86	1.000	211	106	0.128	211
7	OCDD	2.45e6	0.57	NO	0.9136	1.000	41.27	1.000	397	99.4	0.182	397
8	1.2.3.7.8-TCDF	6.52e5	0.76	NO	0.7510	1.000	25.68	1.001	42.6	107	0.123	42.6
9	1.2.3.7.8-HxCDF	2.94e6	1.54	NO	0.8925	1.000	30.23	1.000	283	101	0.118	283
10	1.2.3.4.7.8-HxCDF	3.06e6	1.54	NO	0.9348	1.000	31.21	1.000	204	105	0.199	204
11	1.2.3.4.7.8.9-HxCDF	1.87e6	1.18	NO	0.8845	1.000	33.95	1.000	268	104	0.221	268
12	1.2.3.6.7.8-HxCDF	2.16e6	1.10	NO	0.8892	1.000	34.12	1.001	200	103	0.200	200
13	1.2.3.4.6.7.8-HpCDF	2.00e6	1.19	NO	0.9341	1.000	34.71	1.001	207	102	0.219	207
14	1.2.3.7.8.9-HxCDF	1.60e6	1.38	NO	0.6787	1.000	35.62	1.001	290	104	0.313	290
15	1.2.3.4.6.7.8-HpCDF	1.43e6	0.99	NO	0.8714	1.000	37.39	1.000	213	106	0.213	213
16	1.2.3.4.7.8.9-HpCDF	1.13e6	0.98	NO	1.0128	1.000	39.32	1.000	214	107	0.221	214
17	OCDF	2.54e6	0.67	NO	0.8085	1.000	41.96	1.000	403	100	0.178	402
18	13C-1.2.3.7.8-TCDD	1.50e6	0.75	NO	1.1563	1.000	26.54	1.026	103	101	0.194	
19	13C-1.2.3.7.8-HxCDD	1.11e6	0.64	NO	0.6468	1.000	31.90	1.216	193	103	0.130	
20	13C-1.2.3.4.7.8-HxCDD	7.09e5	1.28	NO	0.7790	1.000	34.96	1.014	103	102	0.172	
21	13C-1.2.3.6.7.8-HxCDD	1.03e6	1.25	NO	1.0187	1.000	34.98	1.013	104	104	0.124	



Dataset: Untitled

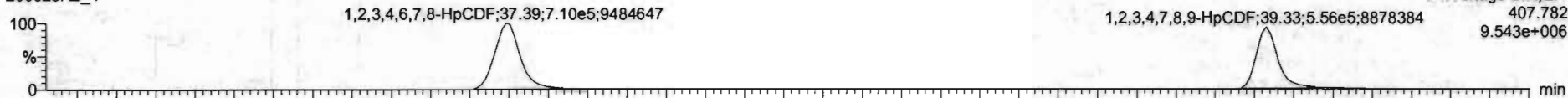
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

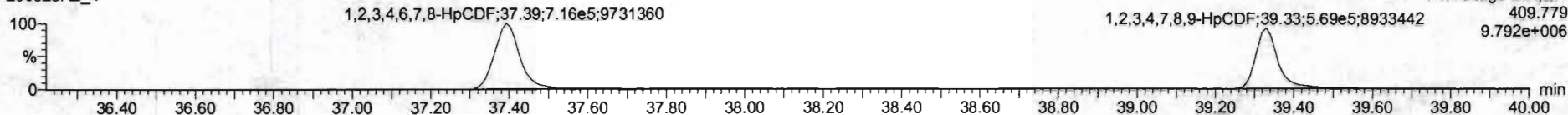
Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

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

200528R2_4

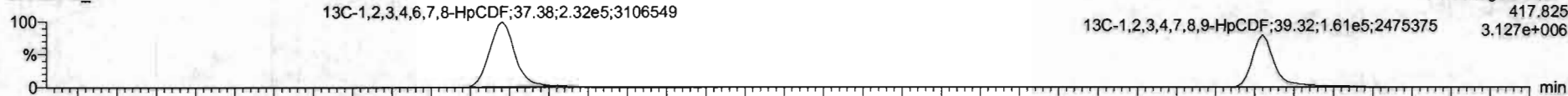


200528R2_4

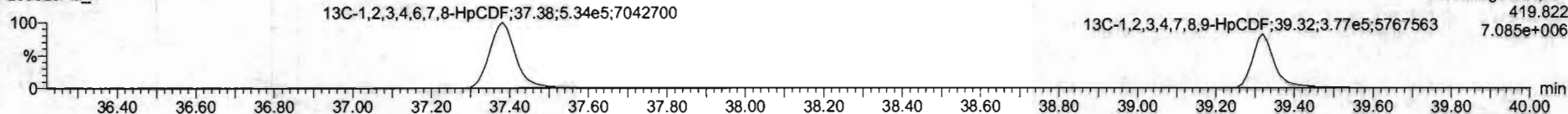


13C-1,2,3,4,6,7,8-HpCDF

200528R2_4

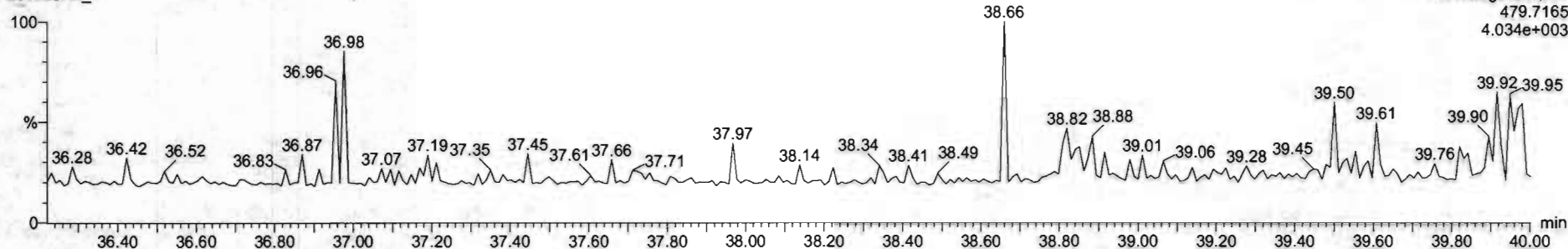


200528R2_4

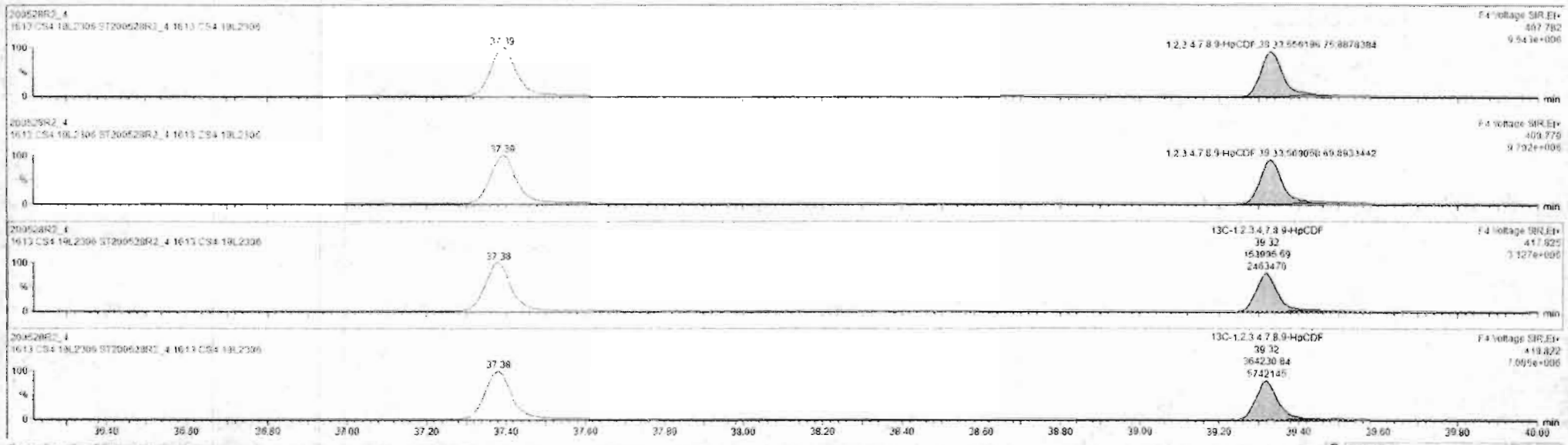


DPE4

200528R2_4



#	Name	Resp	RA	n/y	RRF	w/Vol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	5.56e5	0.78	NO	0.8583	1.000	26.56	1.001	41.3	103	0.134	41.2
2	1,2,3,7,8-PeCDD	2.06e6	0.63	NO	0.9081	1.000	31.51	1.000	205	102	0.9837	205
3	1,2,3,4,7,8-HxCDD	1.87e6	1.23	NO	1.0334	1.000	34.86	1.001	204	102	0.115	204
4	1,2,3,8,7,8-HxCDD	1.82e6	1.22	NO	0.8521	1.000	34.90	1.001	200	104	0.111	200
5	1,2,3,7,9,8-HxCDD	1.70e6	1.20	NO	0.8969	1.000	35.26	1.000	210	105	0.133	210
6	1,2,3,4,6,7,8-HxCDD	1.25e6	1.02	NO	0.8633	1.000	36.90	1.000	211	105	0.219	211
7	OCDD	2.45e8	0.87	NO	0.9136	1.000	41.77	1.000	397	99.4	0.190	397
8	2,3,7,8-TCDF	6.52e5	0.76	NO	0.7510	1.000	25.66	1.001	42.6	107	0.123	42.2
9	1,2,3,7,9-PeCDF	2.54e6	1.54	NO	0.8925	1.000	30.23	1.000	203	101	0.110	203
10	1,2,3,4,7,8-HxCDF	3.00e6	1.54	NO	0.9346	1.000	31.21	1.000	204	107	0.109	204
11	1,2,3,4,7,8-HxCDF	1.87e6	1.18	NO	0.8845	1.000	33.99	1.000	203	104	0.221	206
12	1,2,3,6,7,8-HxCDF	2.16e6	1.18	NO	0.8867	1.000	34.12	1.001	206	103	0.203	206
13	2,3,4,6,7,8-HxCDF	2.06e6	1.19	NO	0.9341	1.000	34.71	1.001	207	107	0.219	207
14	1,2,3,7,9,8-HxCDF	1.60e6	1.20	NO	0.8707	1.000	35.62	1.001	208	104	0.213	208
15	1,2,3,4,6,7,9-HxCDF	1.43e6	0.95	NO	0.8734	1.000	37.35	1.000	215	106	0.213	213
16	1,2,3,4,7,8,9-HpCDF	1.15e6	0.60	NO	1.0128	1.000	39.33	1.000	214	107	5.327	214
17	OCDF	2.54e8	0.87	NO	0.8085	1.000	41.96	1.000	402	100	0.171	402
18	13C-2,3,7,8-TCDD	1.54e6	0.75	NO	1.1563	1.000	26.54	1.025	107	103	0.164	
19	13C-1,2,3,7,8-PeCDD	1.11e6	0.64	NO	0.8469	1.000	31.50	1.216	103	103	0.138	
20	13C-1,2,3,4,7,8-HxCDD	7.89e5	1.26	NO	0.7790	1.000	34.96	1.014	103	103	0.132	
21	13C-1,2,3,6,7,8-HxCDD	1.03e6	1.25	NO	1.0167	1.000	34.96	1.017	104	104	0.121	

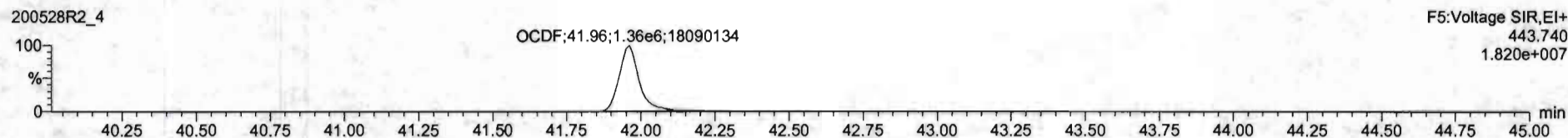
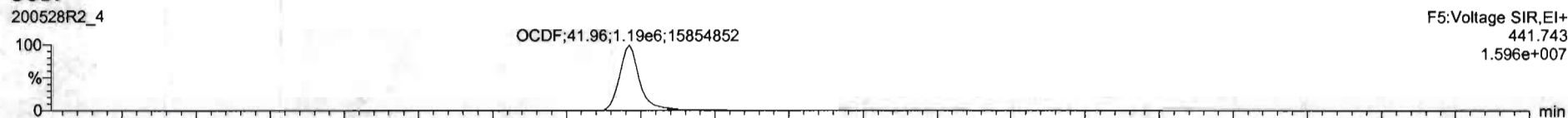


Dataset: Untitled

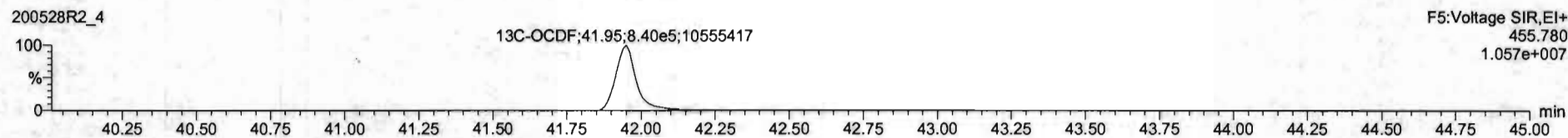
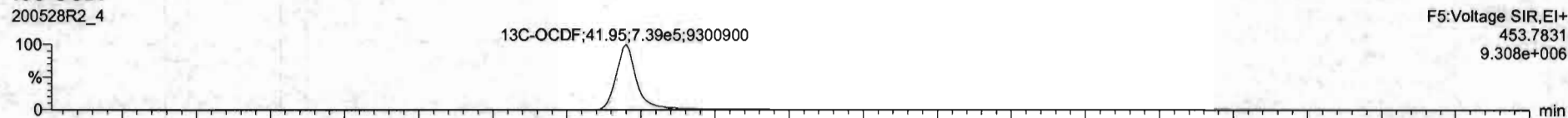
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306

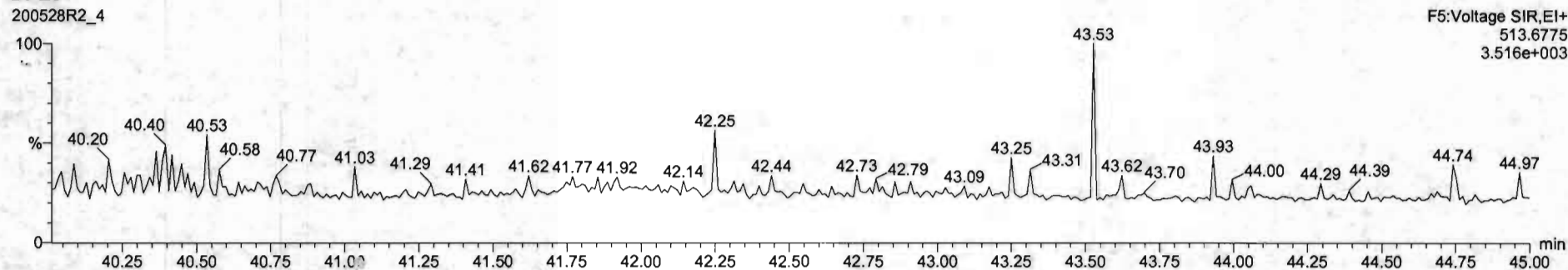
OCDF



13C-OCDF



DPE5



#	Name	Resp	RA	ntf	RRF	wtvol	RT	RRT	Conc	%Rec	DL	EMPC
1	1.2.3.7.5-TCDD	1.50e5	0.78	NO	0.8863	1.000	26.56	1.001	41.2	101	0.124	41.2
2	1.2.3.7.5-PeCDD	2.06e6	0.83	NO	0.9081	1.000	31.51	1.000	205	102	0.0827	205
3	1.2.3.4.7.8-HxCDD	1.07e6	1.23	NO	1.0334	1.000	34.85	1.001	204	102	0.115	204
4	1.2.3.6.7.8-HxCDF	1.92e6	1.22	NO	0.9521	1.000	34.99	1.001	209	104	0.111	209
5	1.2.3.7.8.9-HxCDD	1.76e6	1.20	NO	0.9265	1.000	35.26	1.000	210	105	0.123	210
6	1.2.3.4.6.7.8-HpCDD	1.25e6	1.02	NO	0.9633	1.000	36.40	1.000	211	105	0.218	211
7	OCDD	2.45e6	0.87	NO	0.9136	1.000	41.77	1.000	397	99.4	0.102	397
8	1.2.3.7.8-TCDF	0.52e5	0.76	NO	0.7510	1.000	25.05	1.001	42.0	107	0.127	42.0
9	1.2.3.7.8-PeCDF	2.94e6	1.54	NO	0.8925	1.000	36.21	1.000	203	101	0.118	203
10	1.2.3.4.7.8-HxCDF	2.00e6	1.54	NO	0.9349	1.000	31.21	1.000	204	102	0.109	204
11	1.2.3.4.7.8-HxCDF	1.87e6	1.18	NO	0.8945	1.000	32.99	1.000	208	104	0.221	208
12	1.2.3.6.7.8-HxCDF	2.16e6	1.18	NO	0.8952	1.000	34.12	1.001	206	103	0.203	206
13	1.2.3.4.6.7.8-HpCDF	2.05e6	1.19	NO	0.9341	1.000	34.21	1.001	207	103	0.219	207
14	1.2.3.7.8.9-HxCDF	1.60e6	1.20	NO	0.8757	1.000	35.42	1.001	205	104	0.213	205
15	1.2.3.4.6.7.8-HpCDF	1.43e6	0.96	NO	0.8734	1.000	37.35	1.000	213	106	0.213	213
16	1.2.3.4.7.8.9-HpCDF	1.13e6	0.93	NO	1.0120	1.000	39.32	1.000	214	107	0.227	214
17	OCDF	2.54e6	0.87	NO	0.8055	1.000	41.96	1.000	402	100	0.171	402
18	1.2.3.2.3.7.8-TCDD	1.56e6	0.79	NO	1.1563	1.000	26.54	1.025	102	101	0.164	
19	1.2.3.2.3.7.8-PeCDD	0.11e6	0.84	NO	0.8496	1.000	31.50	1.216	103	103	0.130	
20	1.2.3.2.3.4.7.8-HxCDD	7.89e6	1.20	NO	0.7790	1.000	34.96	1.214	103	103	0.172	
21	1.2.3.2.3.6.7.8-HpCDD	1.03e6	1.25	NO	1.0187	1.000	34.96	1.017	104	104	0.121	



Custom Reporting: Select reports to generate

20052BR2_4 CAP NUM

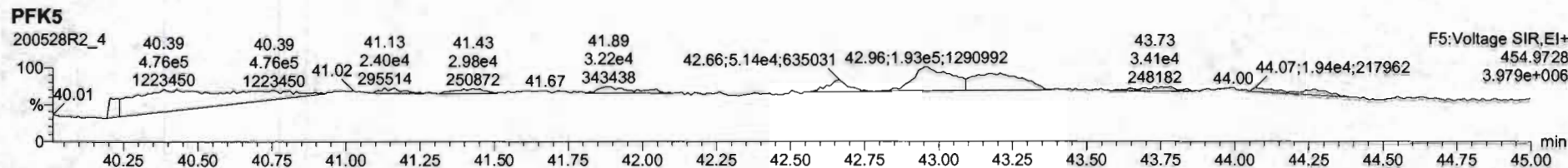
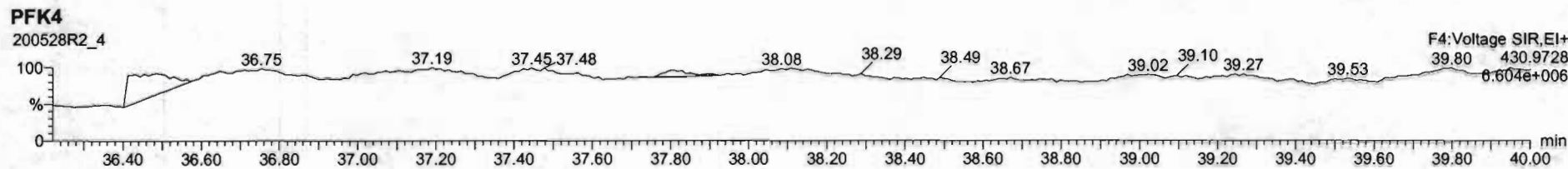
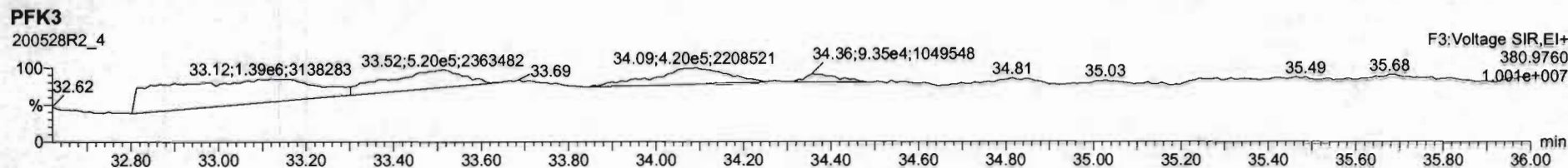
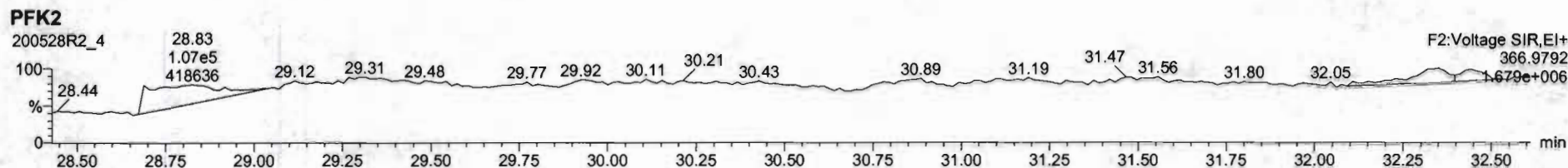
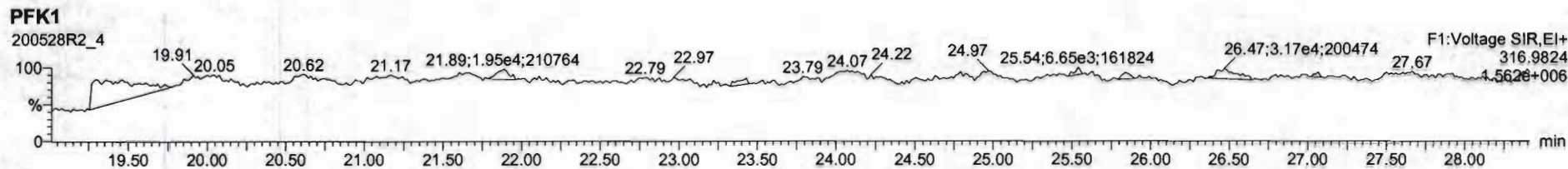
8:00 AM

Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_4, Date: 28-May-2020, Time: 14:15:50, ID: ST200528R2_4 1613 CS4 19L2306, Description: 1613 CS4 19L2306



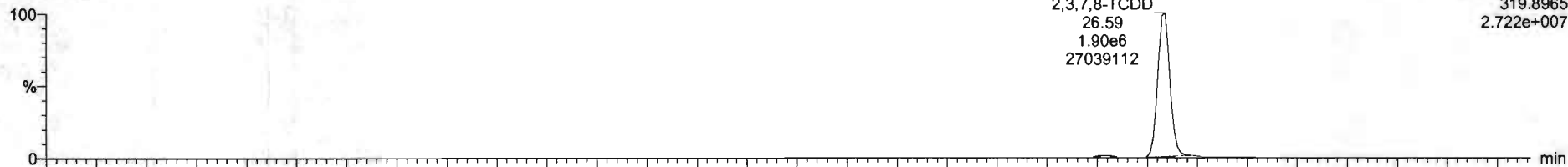
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

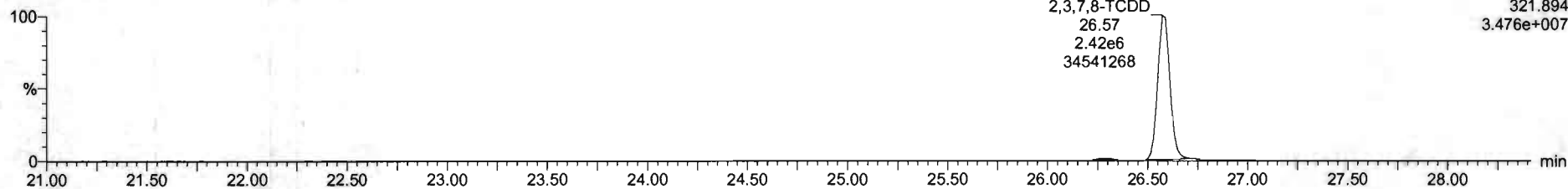
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

2,3,7,8-TCDD

200528R2_5

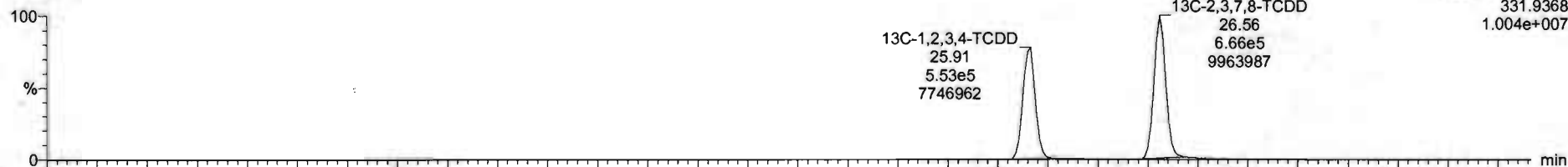


200528R2_5

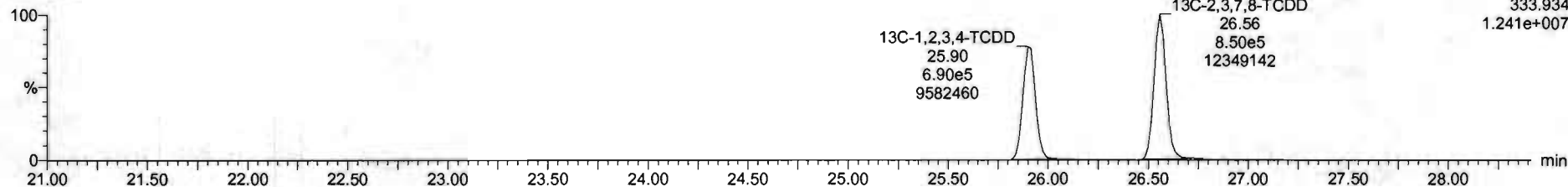


13C-2,3,7,8-TCDD

200528R2_5



200528R2_5



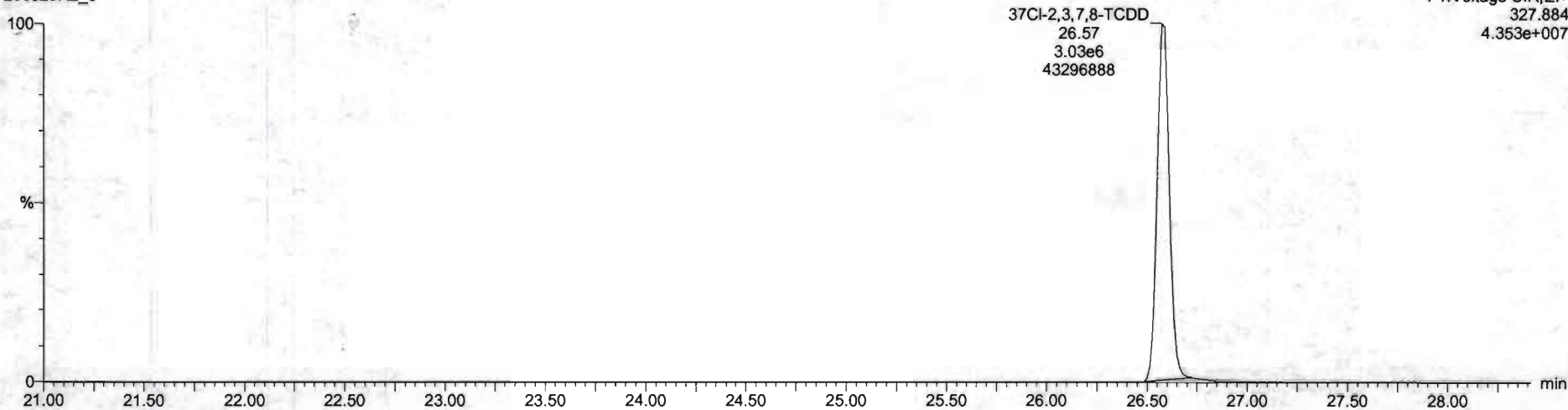
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

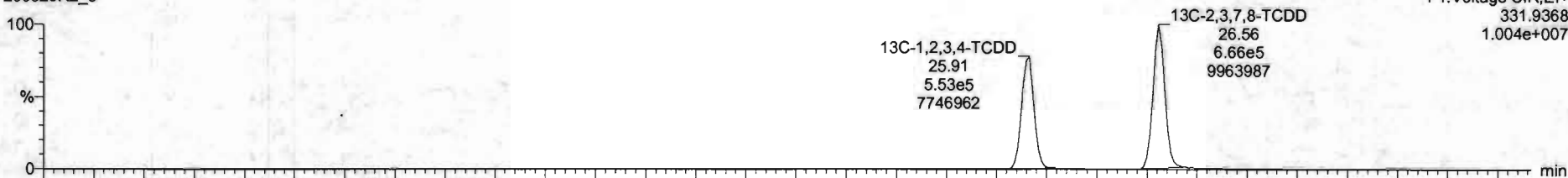
37Cl-2,3,7,8-TCDD

200528R2_5

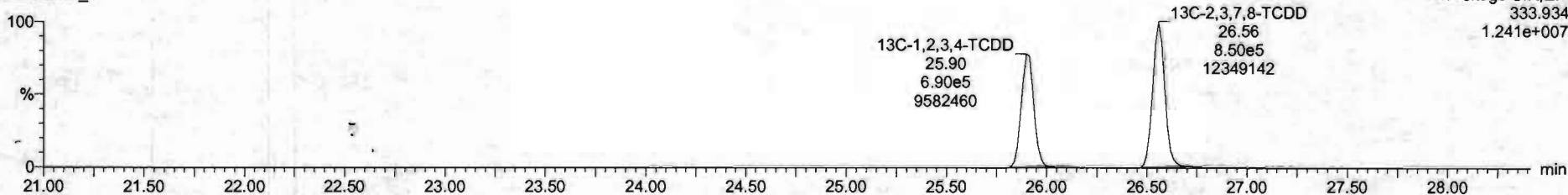


13C-1,2,3,4-TCDD

200528R2_5



200528R2_5



Dataset: Untitled

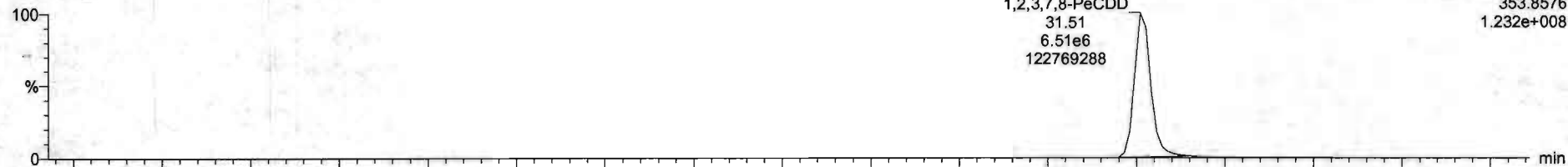
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

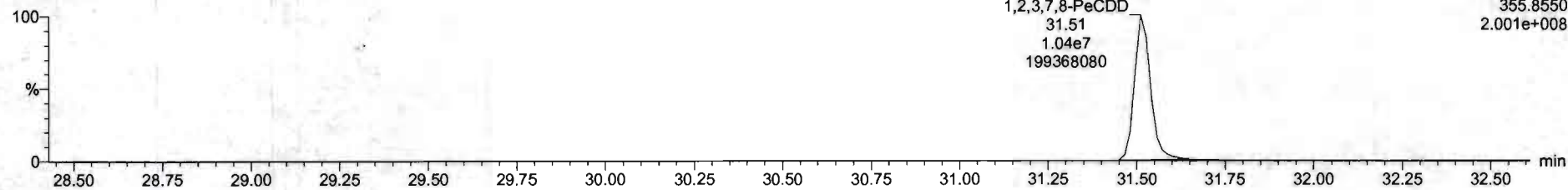
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

1,2,3,7,8-PeCDD

200528R2_5

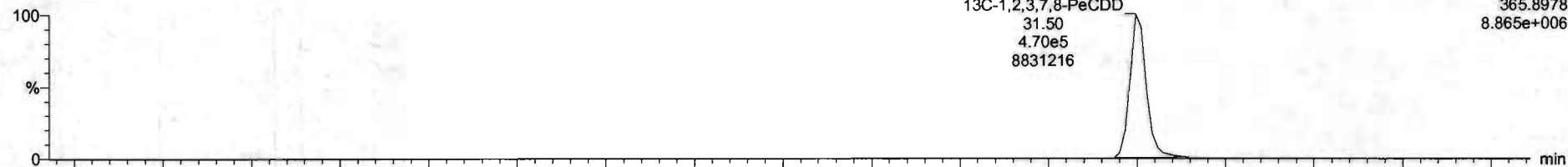


200528R2_5

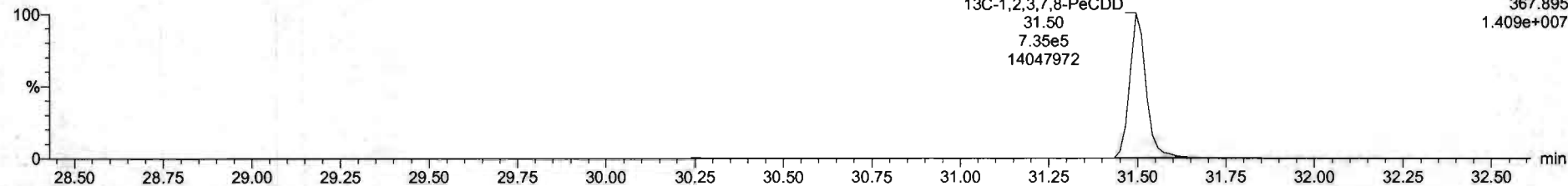


13C-1,2,3,7,8-PeCDD

200528R2_5



200528R2_5



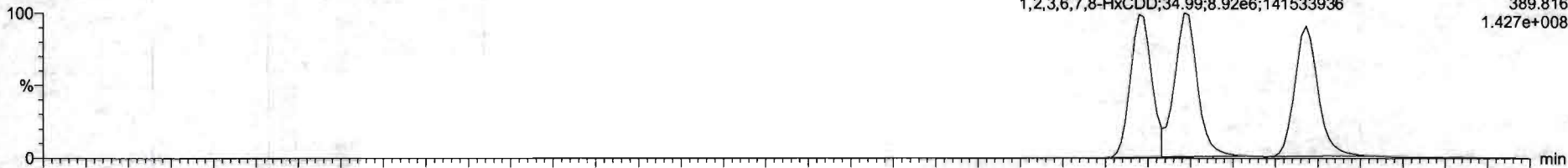
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

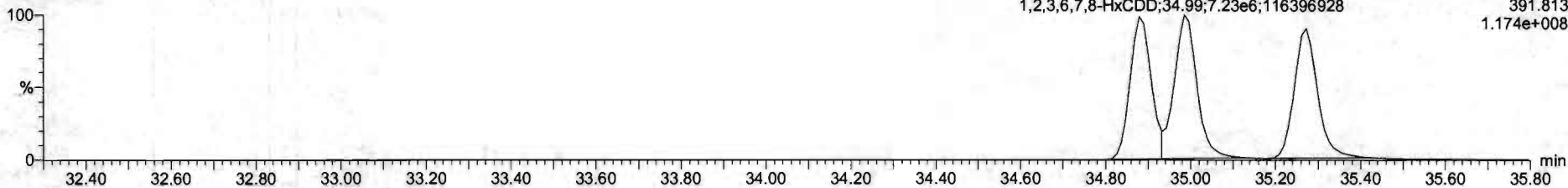
1,2,3,4,7,8-HxCDD

200528R2_5



F3:Voltage SIR,EI+
389.816
1.427e+008

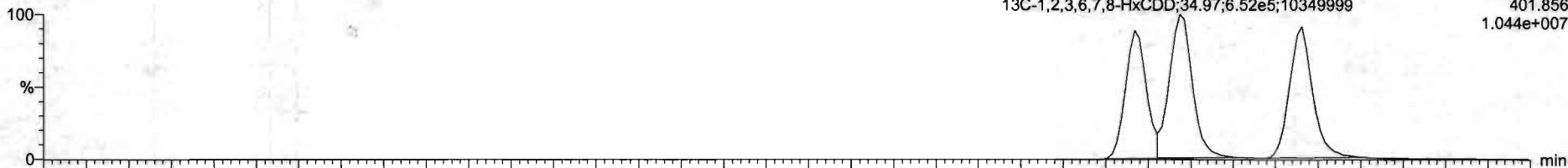
200528R2_5



F3:Voltage SIR,EI+
391.813
1.174e+008

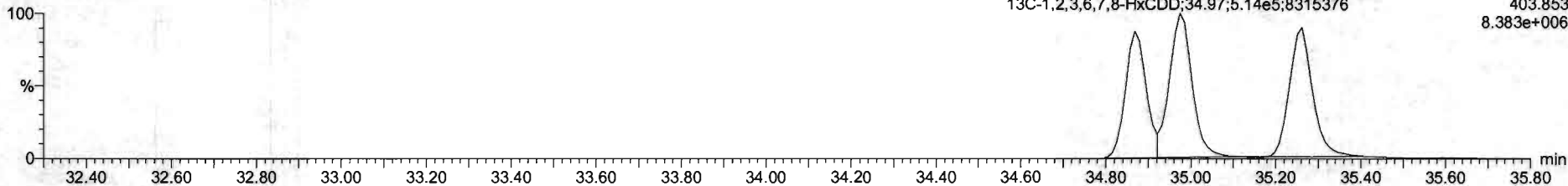
13C-1,2,3,4,7,8-HxCDD

200528R2_5



F3:Voltage SIR,EI+
401.856
1.044e+007

200528R2_5



F3:Voltage SIR,EI+
403.853
8.383e+006

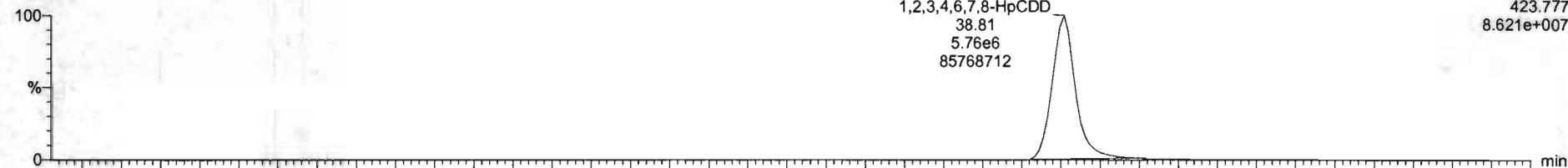
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

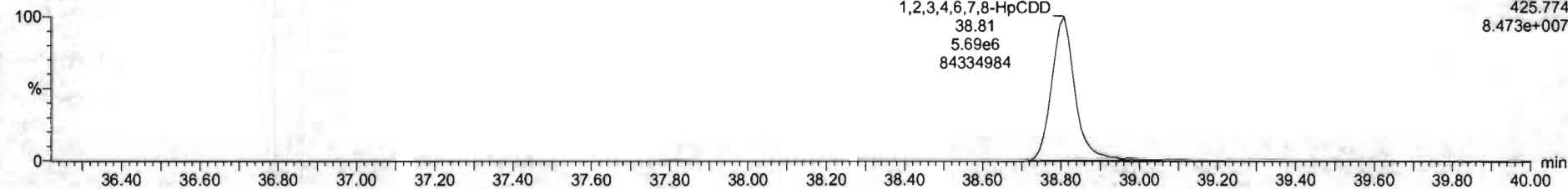
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

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

200528R2_5

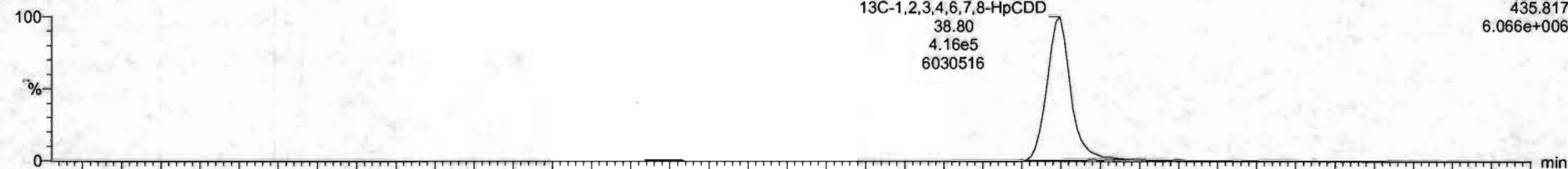


200528R2_5

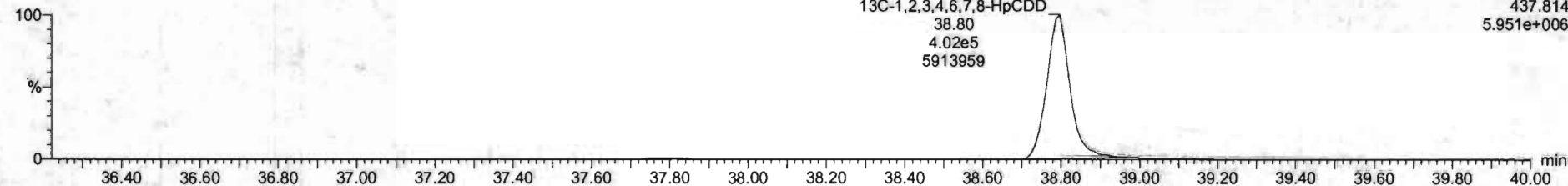


13C-1,2,3,4,6,7,8-HpCDD

200528R2_5



200528R2_5



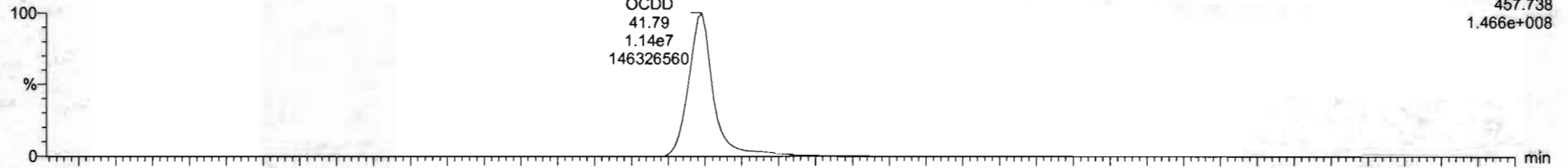
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

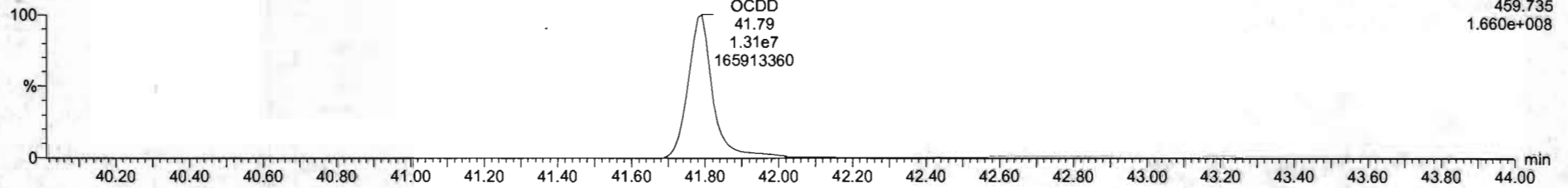
OCDD

200528R2_5



F5: Voltage SIR, EI+
457.738
1.466e+008

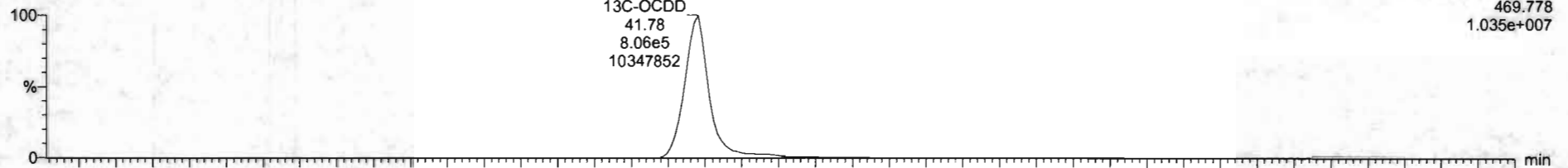
200528R2_5



F5: Voltage SIR, EI+
459.735
1.660e+008

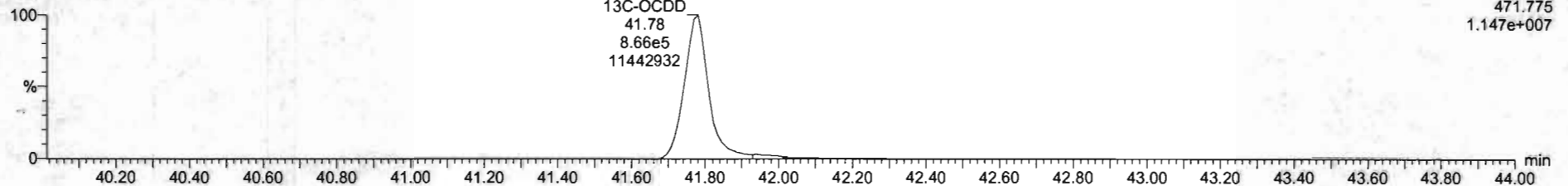
13C-OCDD

200528R2_5



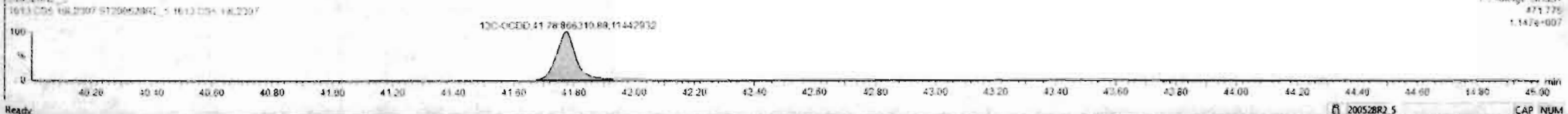
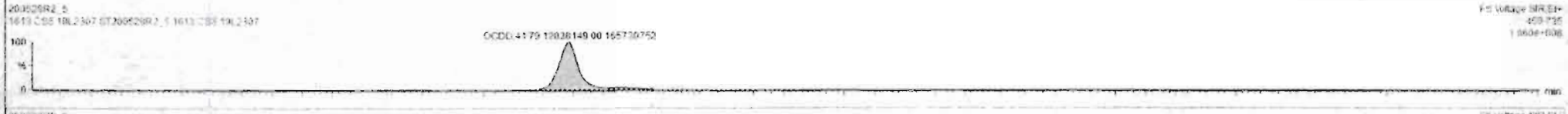
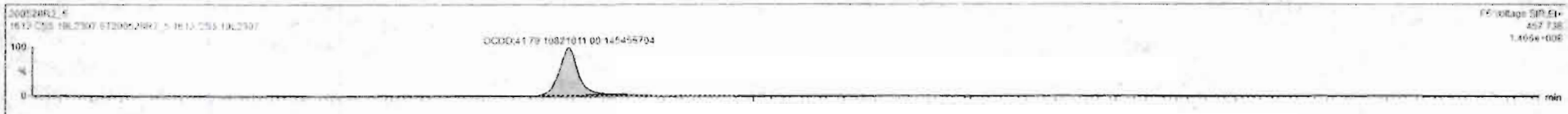
F5: Voltage SIR, EI+
469.778
1.035e+007

200528R2_5



F5: Voltage SIR, EI+
471.775
1.147e+007

N	Name	Resp	RA	np	PRF	wt/vol	RT	RRT	Comp	%Rec	DL	ENPL
1	2.3.7.8-TCD0	4.52e7	0.76	NO	0.6883	1.000	26.95	1.001	321	107	0.0511	321
2	1.2.3.7.8-FluCD0	1.58e7	0.63	NO	0.9051	1.000	31.61	1.000	1550	103	0.124	1550
3	1.2.3.4.7.8-HuCD0	1.47e7	1.23	NO	1.0334	1.000	34.08	1.000	1520	101	0.130	1520
4	1.2.3.8.7.8-HuCD0	1.41e7	1.23	NO	0.9523	1.000	34.99	1.000	1550	103	0.142	1550
5	1.2.3.7.8.9-HuCD0	1.47e7	1.23	NO	0.9265	1.000	35.27	1.000	1570	104	0.107	1570
6	1.2.3.4.6.7.8-HuCD0	1.15e7	1.01	NO	0.8639	1.000	36.61	1.000	1620	105	0.161	1620
7	OCDD	2.37e7	6.84	NO	0.9138	1.000	41.79	1.000	3100	103	0.379	3100
8	2.3.7.6-TCD0	0.00e0	0.75	NO	0.7510	1.000	25.65	1.001	325	105	0.0600	325
9	1.2.3.7.8-FluCDF	2.38e7	1.54	NO	0.8925	1.000	30.23	1.000	1570	101	0.231	1570
10	2.3.4.7.8-FluCDF	0.40e7	1.53	NO	0.9348	1.000	31.21	1.000	1550	101	0.213	1550
11	1.2.3.4.7.8-HuCDF	1.61e7	1.19	NO	0.8644	1.000	34.01	1.000	1590	106	0.103	1590
12	1.2.3.6.7.8-HuCDF	1.06e7	1.19	NO	0.8092	1.000	34.72	1.000	1530	101	0.0927	1530
13	2.3.4.6.7.8-HuCDF	1.72e7	1.19	NO	0.9341	1.000	34.72	1.001	1560	104	0.152	1560
14	1.2.3.7.8.9-HuCDF	1.49e7	1.26	NO	0.8707	1.000	35.03	1.000	1560	106	0.145	1560
15	1.2.3.4.6.7.8-HuCDF	1.28e7	1.09	NO	0.8734	1.000	37.40	1.000	1560	104	0.303	1560
16	1.2.3.4.7.8.9-HuCDF	1.05e7	1.00	NO	1.0172	1.000	38.34	1.000	1620	103	0.215	1620
17	OCDF	2.38e7	6.05	NO	0.8085	1.000	41.95	1.000	3090	101	0.250	3090
18	13C-2.3.7.8-TCD0	1.52e6	0.76	NO	1.1583	1.000	26.96	1.026	106	106	0.0720	106
19	13C-1.2.3.7.8-FluCD0	1.21e6	0.64	NO	0.8499	1.000	31.52	1.215	114	114	0.130	114
20	13C-1.2.3.4.7.8-HuCD0	6.34e5	1.26	NO	0.7750	1.000	34.97	1.014	110	110	0.191	110
21	13C-1.2.3.6.7.8-HuCD0	1.17e6	1.27	NO	1.0167	1.000	34.97	1.017	113	113	0.146	113



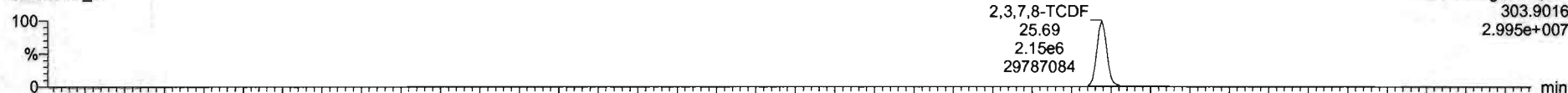
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

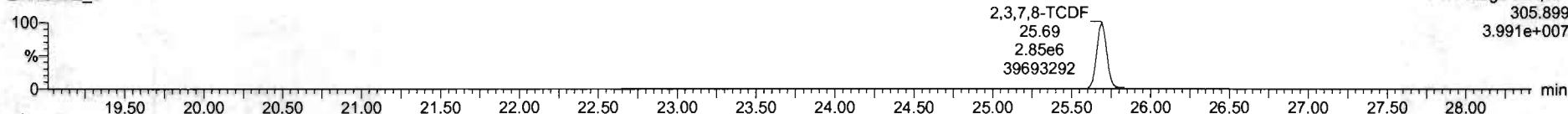
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

2,3,7,8-TCDF

200528R2_5

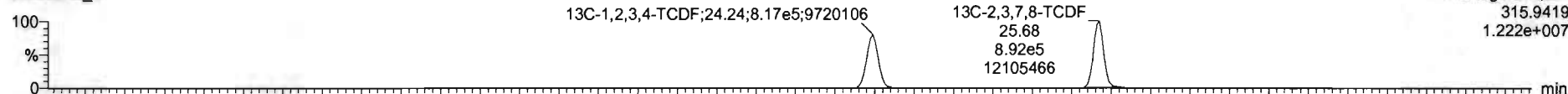


200528R2_5

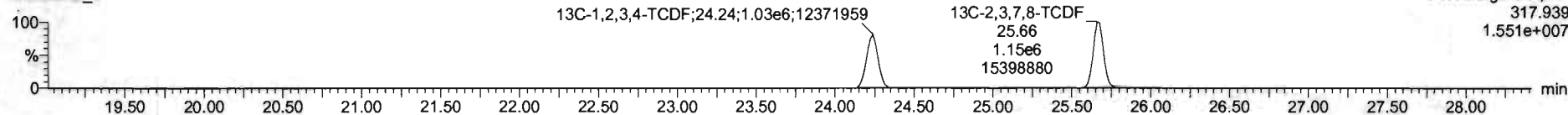


13C-2,3,7,8-TCDF

200528R2_5

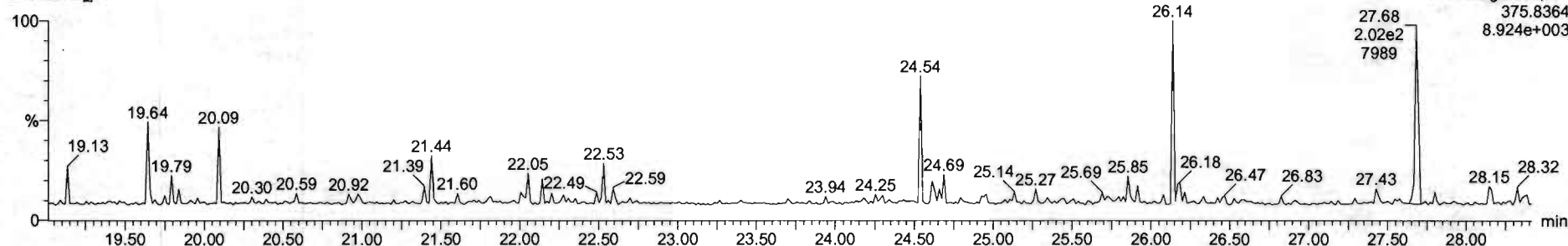


200528R2_5



DPE1

200528R2_5



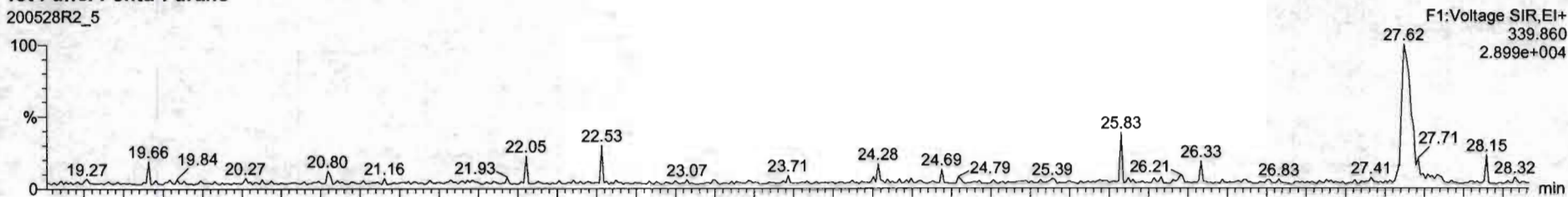
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

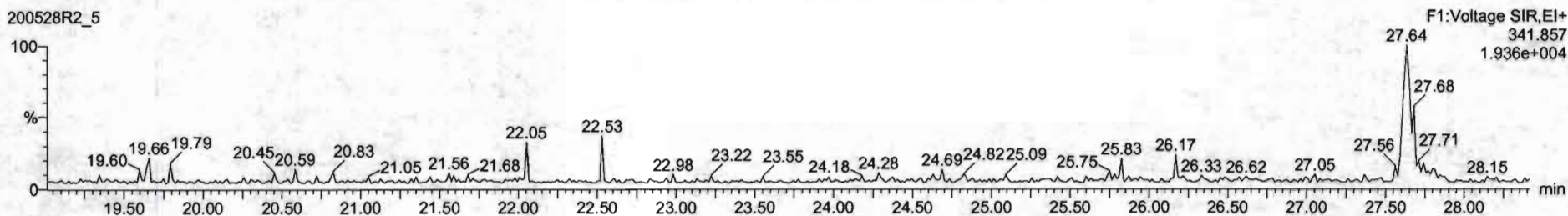
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

1st Func. Penta-Furans

200528R2_5

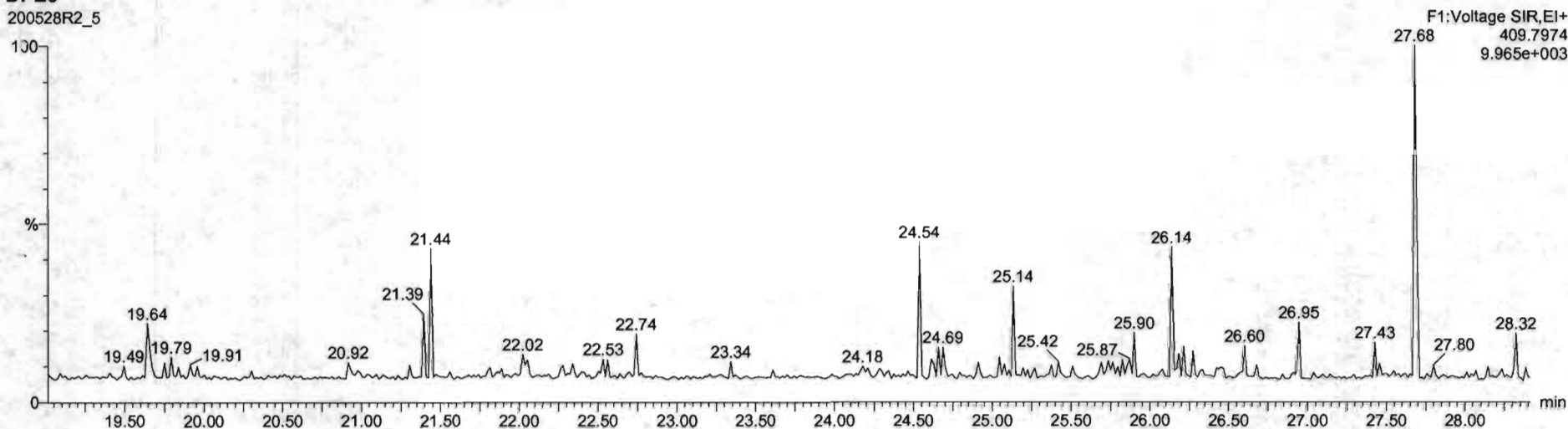


200528R2_5



DPE6

200528R2_5



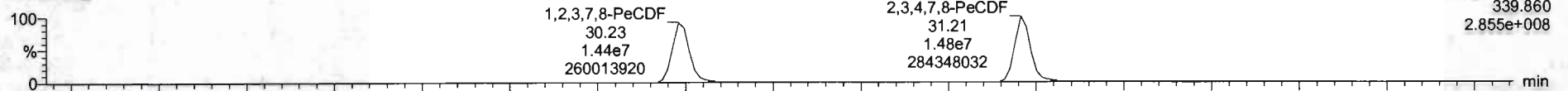
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

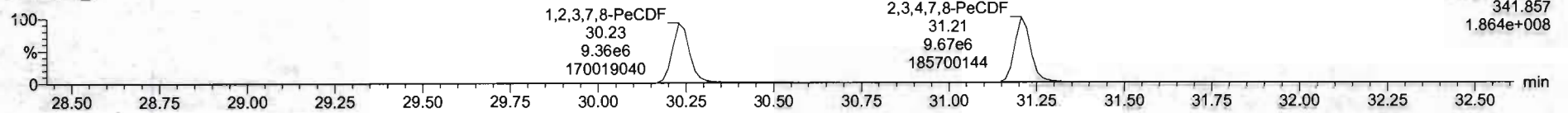
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

1,2,3,7,8-PeCDF

200528R2_5

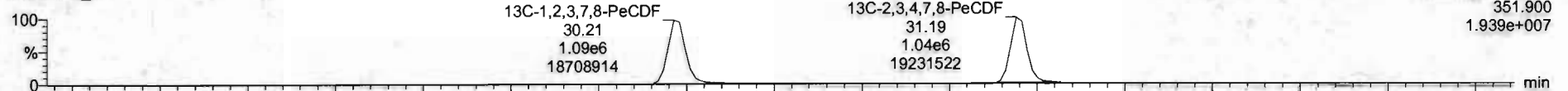


200528R2_5

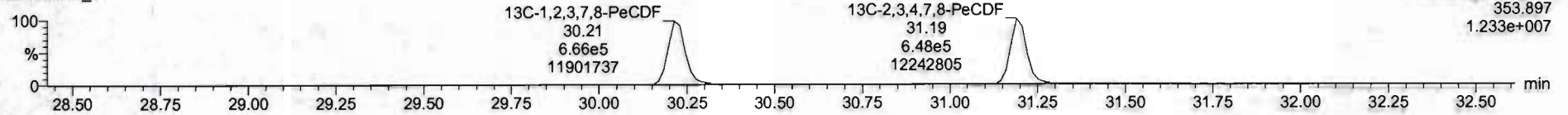


13C-1,2,3,7,8-PeCDF

200528R2_5

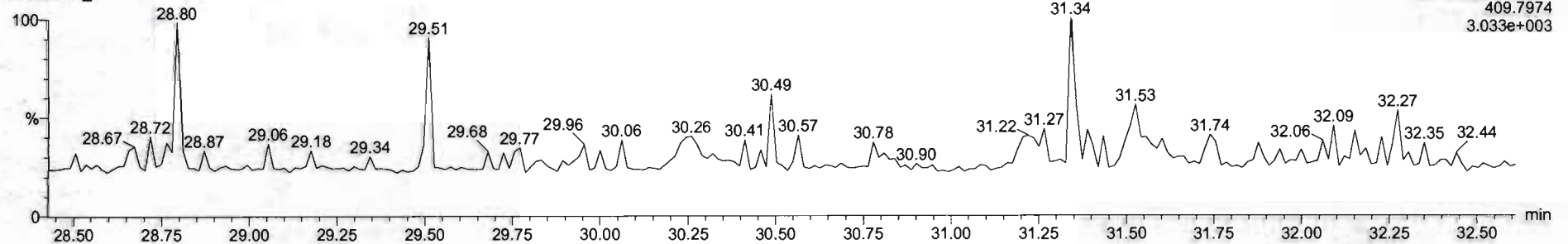


200528R2_5



DPE2

200528R2_5



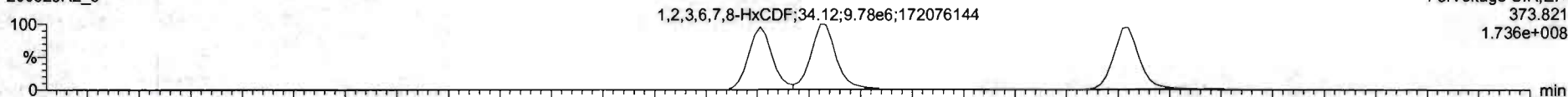
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

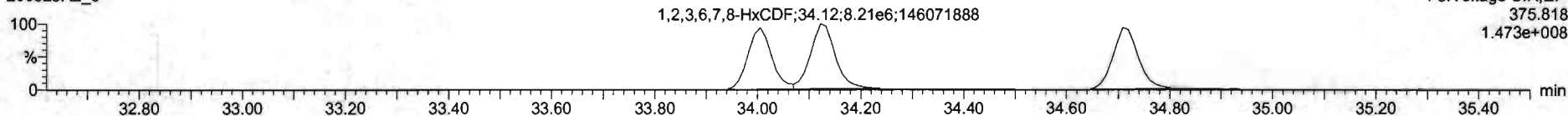
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

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

200528R2_5

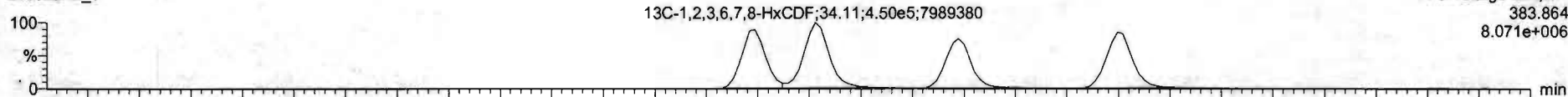


200528R2_5

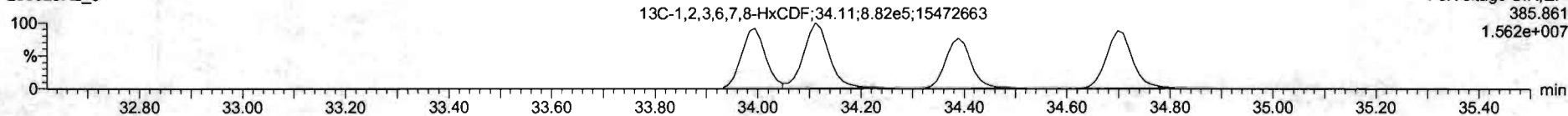


13C-1,2,3,4,7,8-HxCDF

200528R2_5

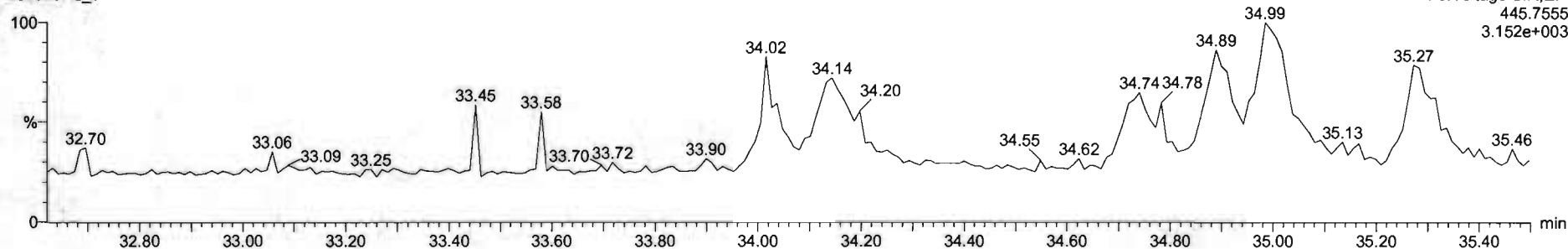


200528R2_5



DPE3

200528R2_5



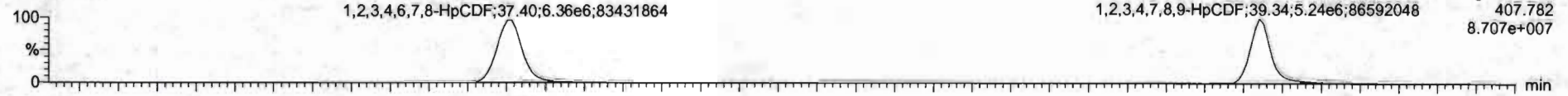
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

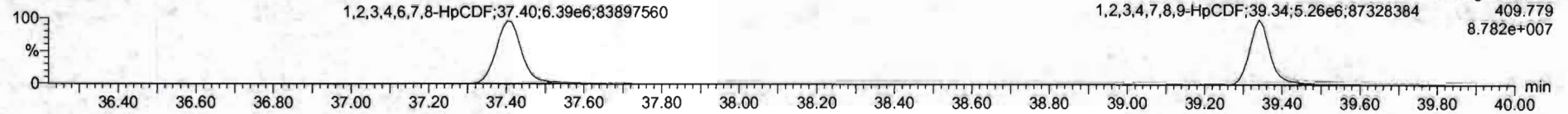
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307

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

200528R2_5

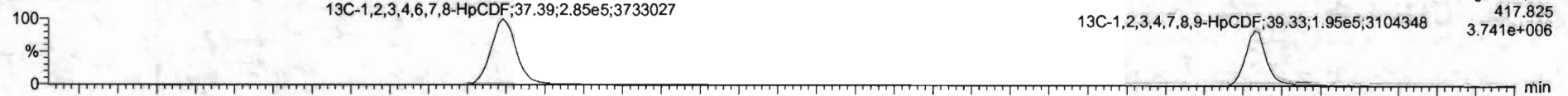


200528R2_5

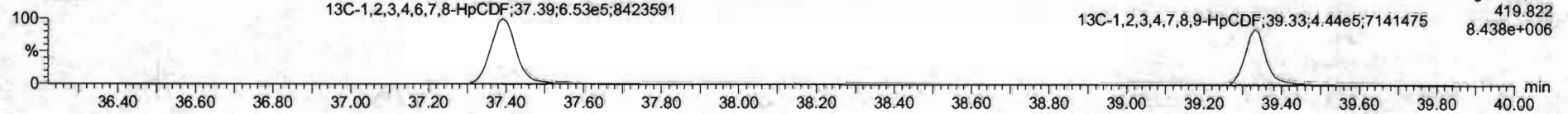


13C-1,2,3,4,6,7,8-HpCDF

200528R2_5

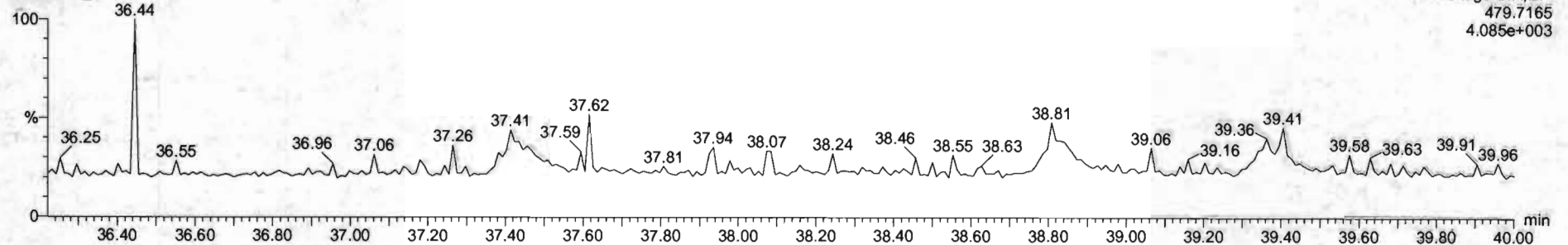


200528R2_5



DPE4

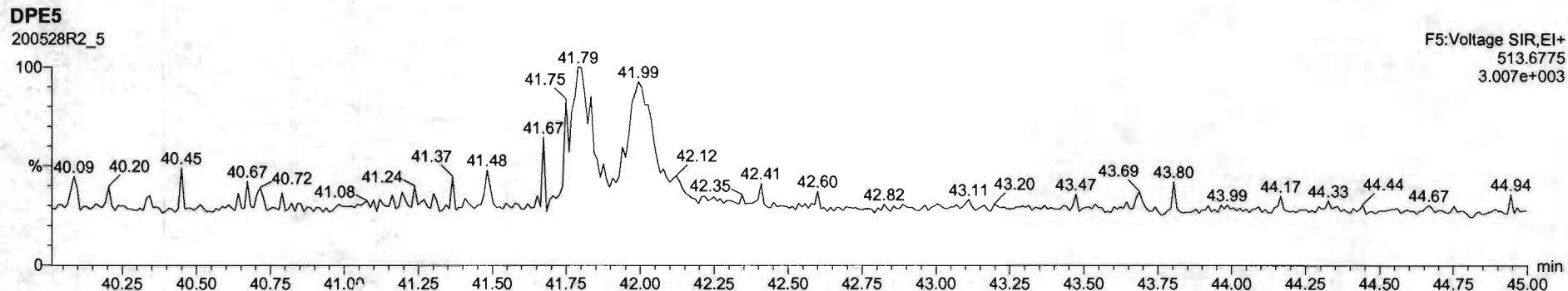
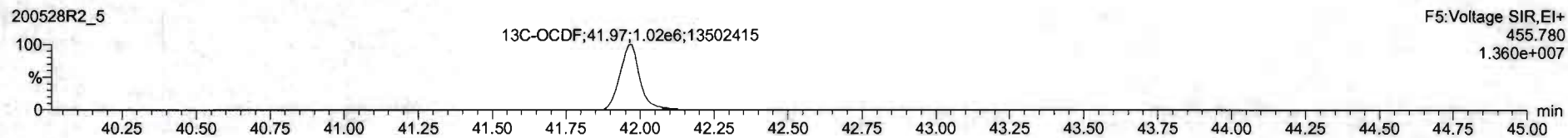
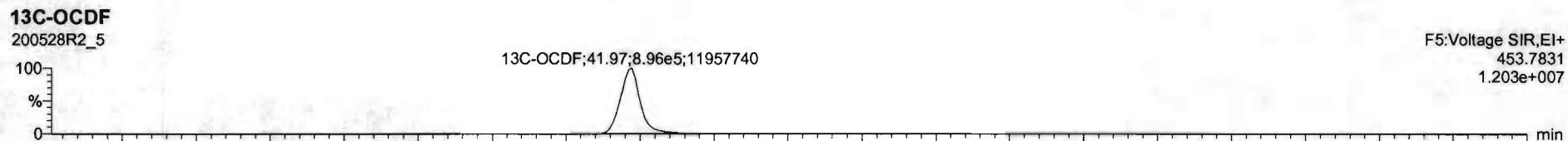
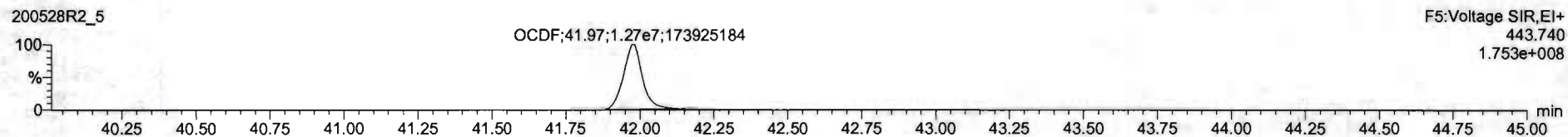
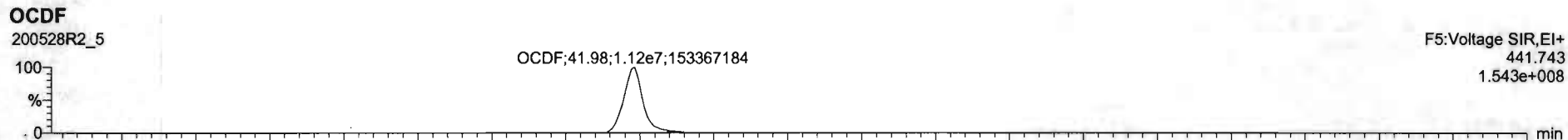
200528R2_5



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

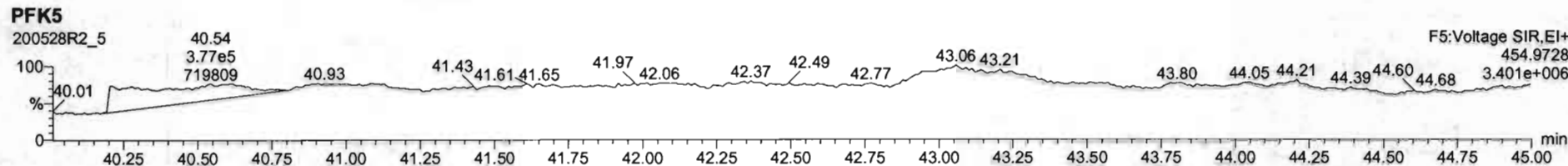
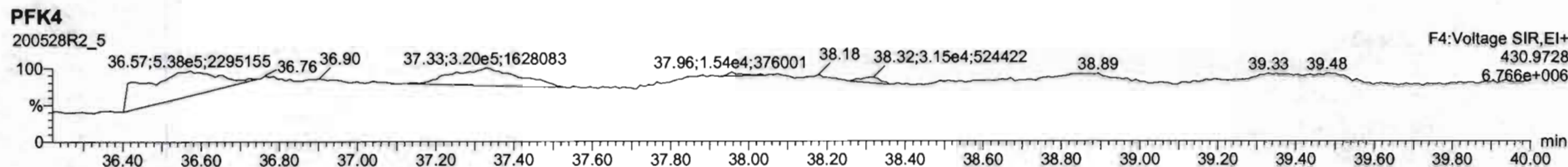
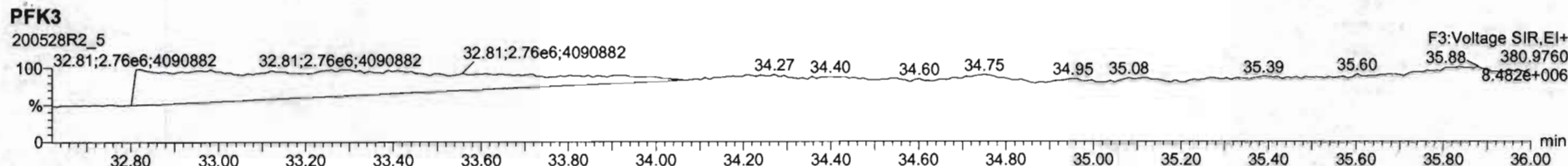
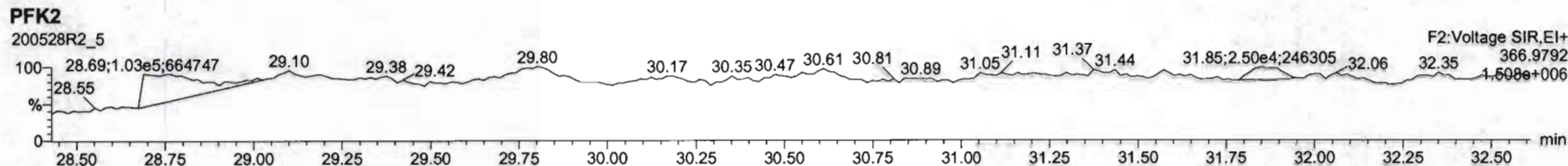
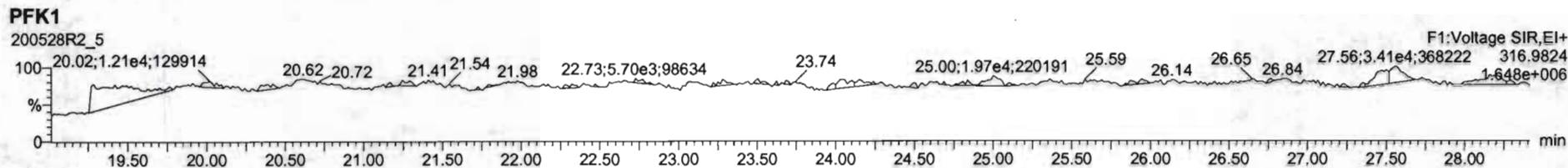
Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_5, Date: 28-May-2020, Time: 15:02:56, ID: ST200528R2_5 1613 CS5 19L2307, Description: 1613 CS5 19L2307



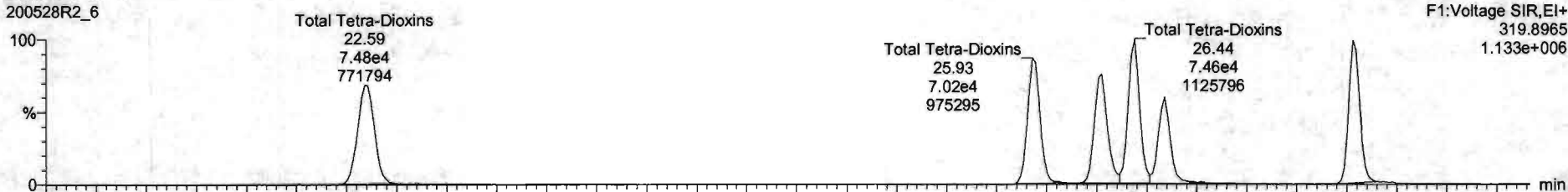
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

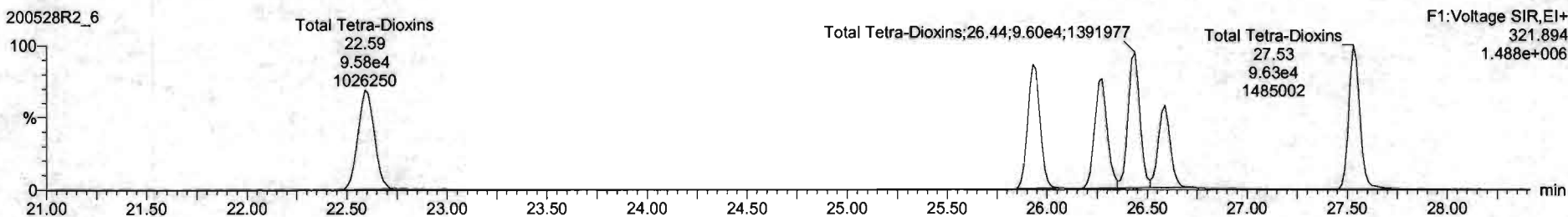
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDD

200528R2_6



200528R2_6

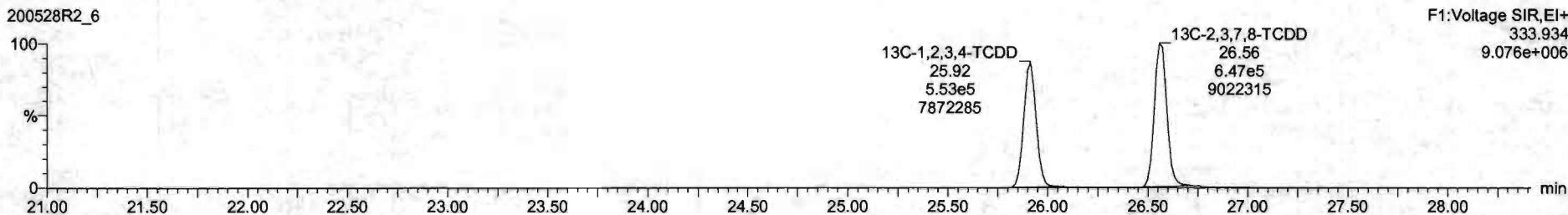


13C-2,3,7,8-TCDD

200528R2_6



200528R2_6



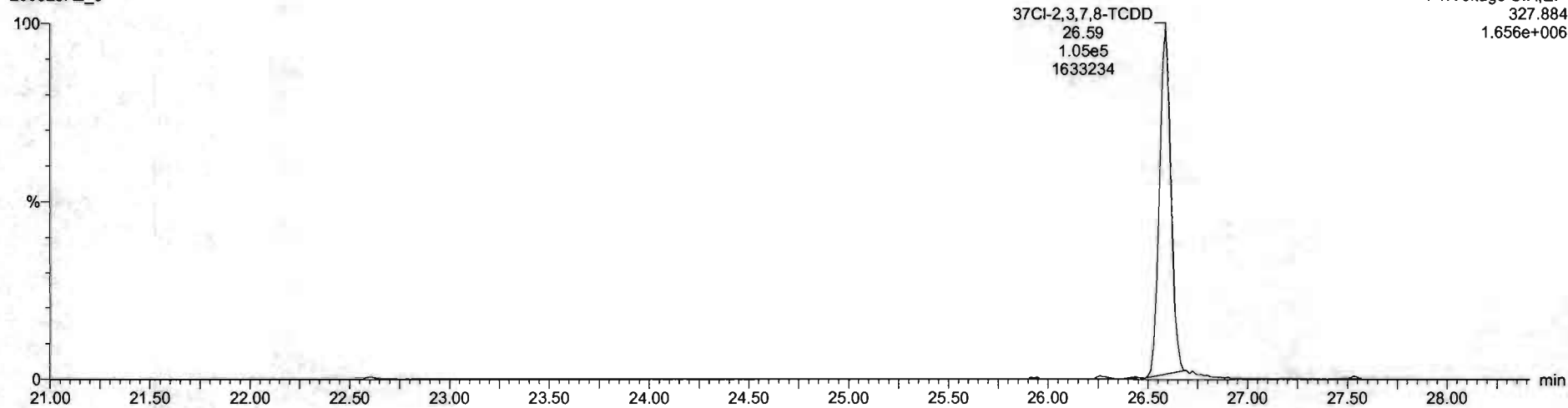
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

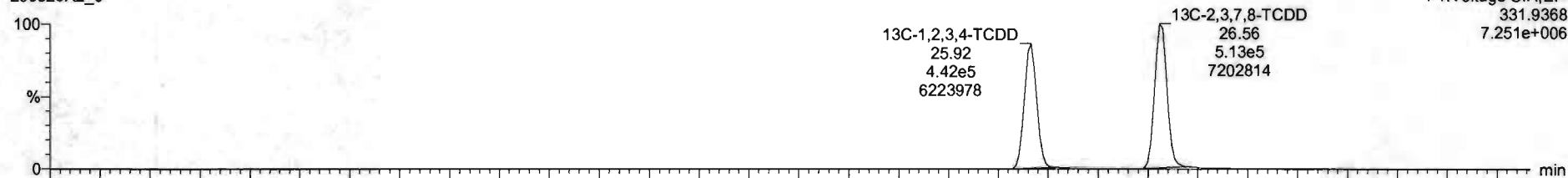
37Cl-2,3,7,8-TCDD

200528R2_6

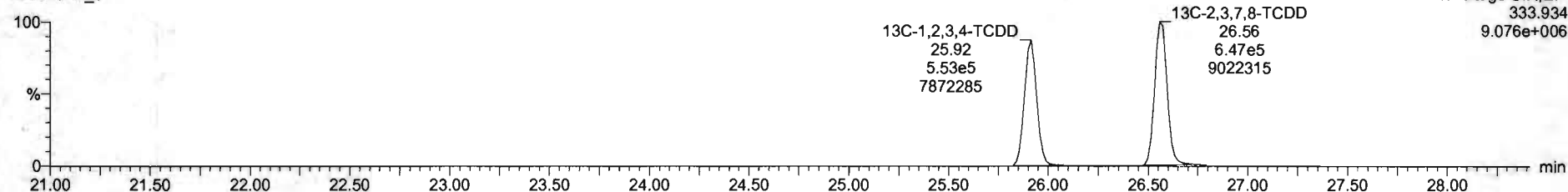


13C-1,2,3,4-TCDD

200528R2_6



200528R2_6



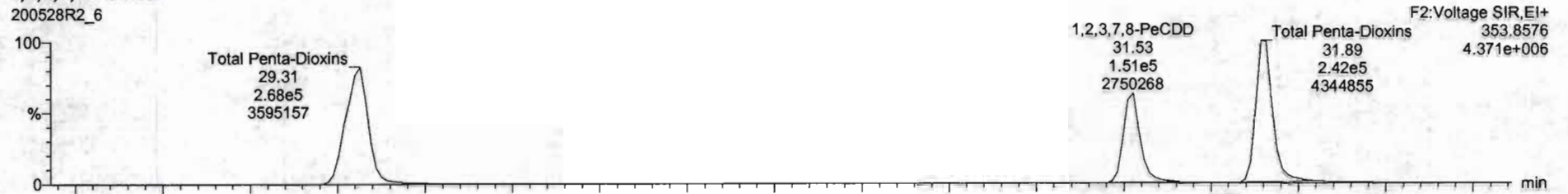
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

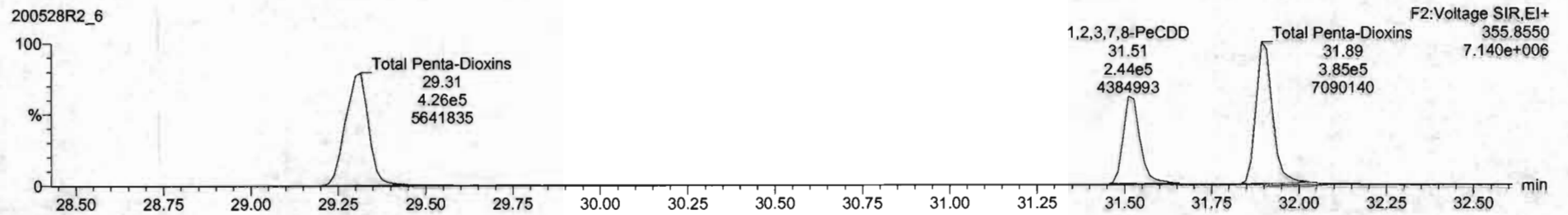
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1,2,3,7,8-PeCDD

200528R2_6

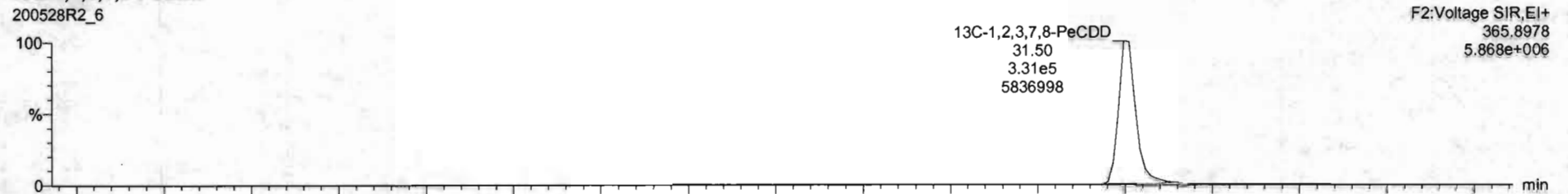


200528R2_6

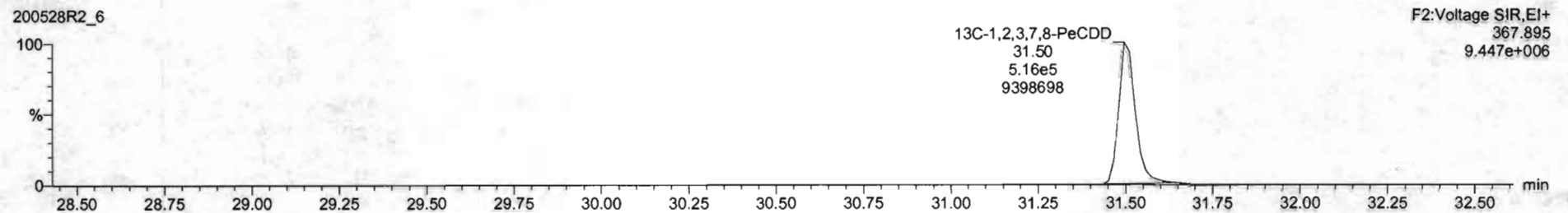


13C-1,2,3,7,8-PeCDD

200528R2_6



200528R2_6



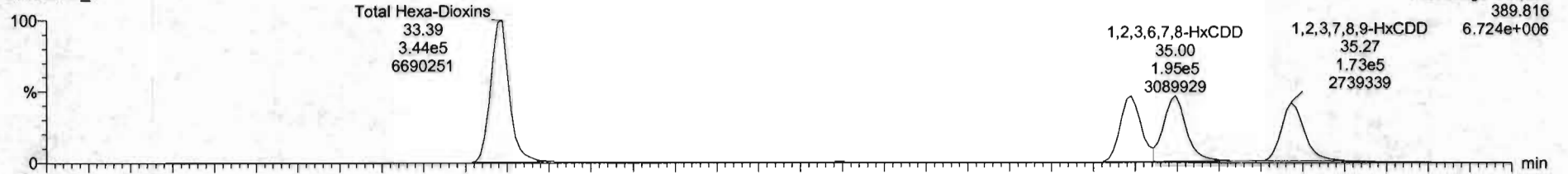
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

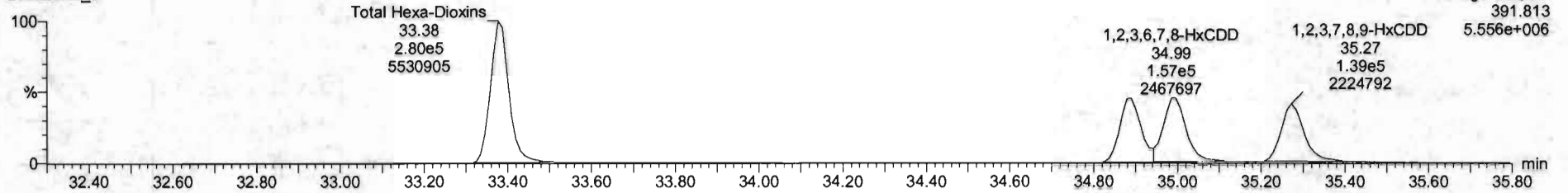
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200528R2_6

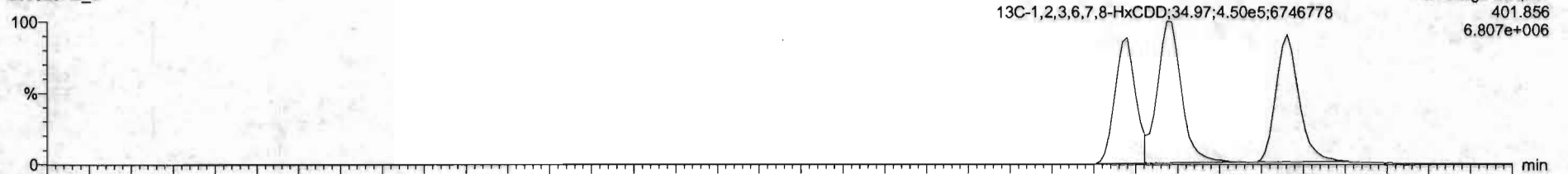


200528R2_6

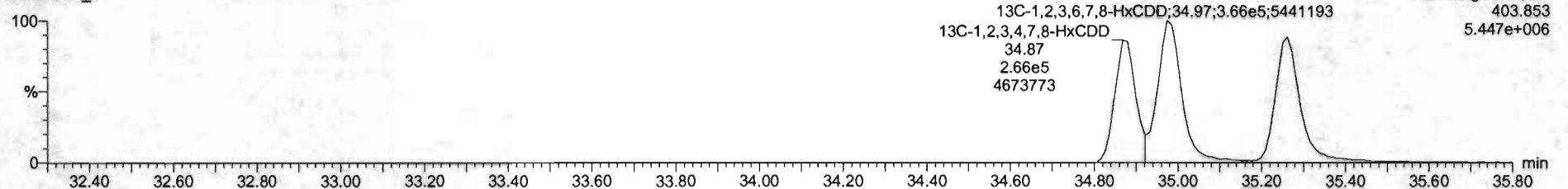


13C-1,2,3,4,7,8-HxCDD

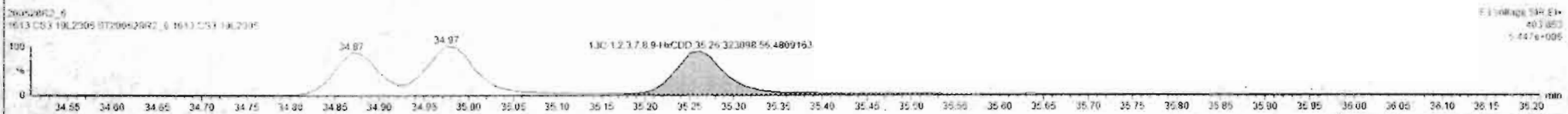
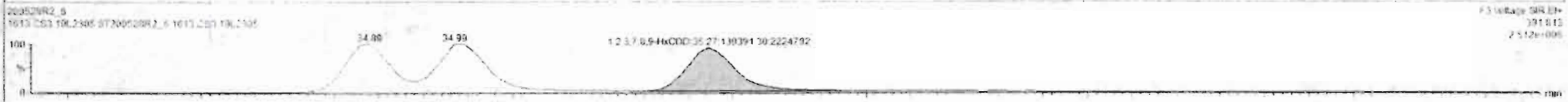
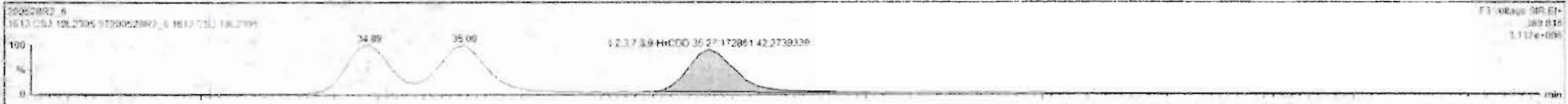
200528R2_6



200528R2_6



#	Name	Res#	RA	aly	RR	sdvol	RT	RRT	Conc.	%Rec	DL	LHPC
1	2,3,7,8-TCDD	1.06e5	0.91	NO	0.6203	1.000	26.59	1.001	10.2	102	0.0674	10.2
2	1,2,3,7,8-PeCDD	3.95e5	0.82	NO	0.9041	1.000	31.43	1.001	51.3	103	2.19e	51.3
3	1,2,3,4,7,8-HxCDD	7.25e5	1.22	NO	1.6334	1.000	34.89	1.000	52.1	104	0.220	52.1
4	1,2,3,6,7,8-HxCDD	3.51e5	1.24	NO	0.8921	1.000	34.20	1.001	48.3	98.8	0.271	48.3
5	1,2,3,7,8,9-HxCDD	3.12e5	1.24	NO	0.8859	1.000	35.27	1.000	49.9	99.8	0.254	49.9
6	1,2,3,4,6,7,8-HxCDD	2.29e5	1.02	NO	0.9818	1.000	35.81	1.000	51.2	102	0.209	51.2
7	CDDX	4.53e5	0.98	NO	0.9136	1.000	41.78	1.000	102	102	0.206	102
8	2,3,7,8-TCDF	1.19e5	0.74	NO	0.7510	1.000	25.69	1.001	9.90	99.8	0.0613	9.90
9	1,2,3,7,8-PeCDF	5.72e5	1.57	NO	0.8905	1.000	30.25	1.000	51.2	102	0.130	51.2
10	1,2,3,7,8-PeCDF	4.81e5	1.57	NO	0.9348	1.000	31.22	1.000	49.3	101	0.130	49.3
11	1,2,3,4,7,8-HxCDF	3.98e5	1.21	NO	0.9548	1.000	34.07	1.000	51.1	102	0.191	51.1
12	1,2,3,6,7,8-HxCDF	4.22e5	1.25	NO	0.8822	1.000	34.13	1.000	51.9	104	0.179	51.9
13	1,2,3,4,6,7,8-HxCDF	3.88e5	1.25	NO	0.9341	1.000	34.72	1.000	51.9	104	0.197	51.9
14	1,2,3,7,8,9-HxCDF	2.98e5	1.22	NO	0.8757	1.000	35.63	1.000	51.1	102	0.201	51.1
15	1,2,3,4,6,7,8-HpCDF	2.64e5	0.98	NO	0.8734	1.000	37.41	1.001	51.4	103	0.201	51.4
16	1,2,3,4,7,8,9-HpCDF	2.00e5	0.80	NO	1.0125	1.000	38.34	1.000	52.7	105	0.258	52.7
17	CDFX	4.44e5	0.86	NO	0.8505	1.000	41.97	1.000	102	102	0.161	102
18	1,2,3,7,8,9-TCDF	1.16e5	0.79	NO	1.1502	1.000	28.96	1.025	101	101	0.0990	101
19	1,2,3,4,6,7,8-HpCDD	6.48e5	0.84	NO	0.8450	1.000	31.50	1.215	100	100	0.205	100
20	1,2,3,4,7,8-HpCDD	6.04e5	1.27	NO	0.7790	1.000	34.88	1.014	98.9	98.9	0.188	98.9
21	1,2,3,6,7,8-HpCDD	6.19e5	1.23	NO	1.0187	1.000	34.97	1.017	102	102	0.144	102



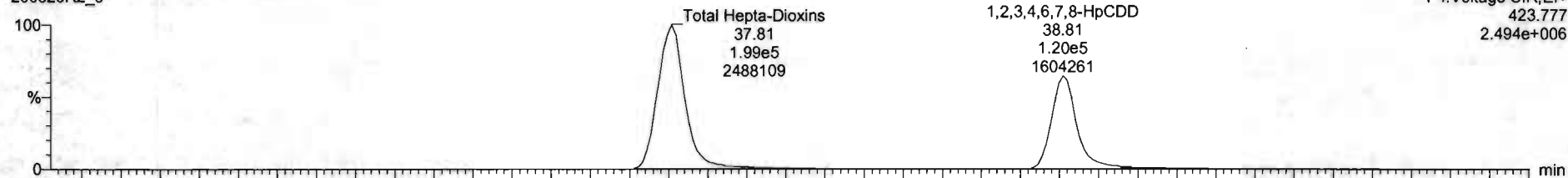
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

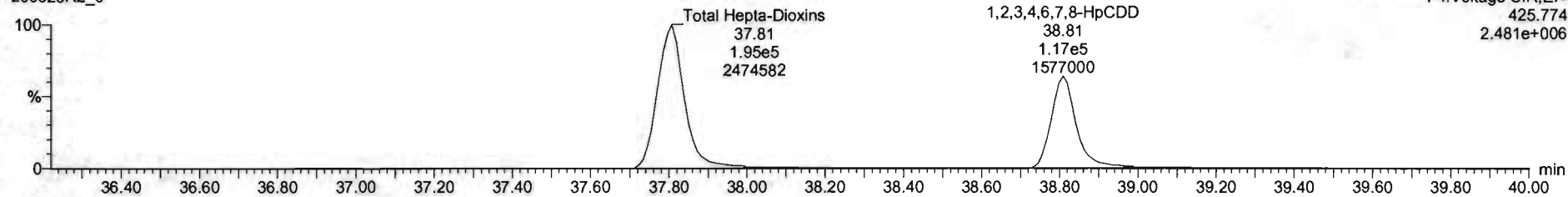
1,2,3,4,6,7,8-HpCDD

200528R2_6



F4:Voltage SIR,EI+
423.777
2.494e+006

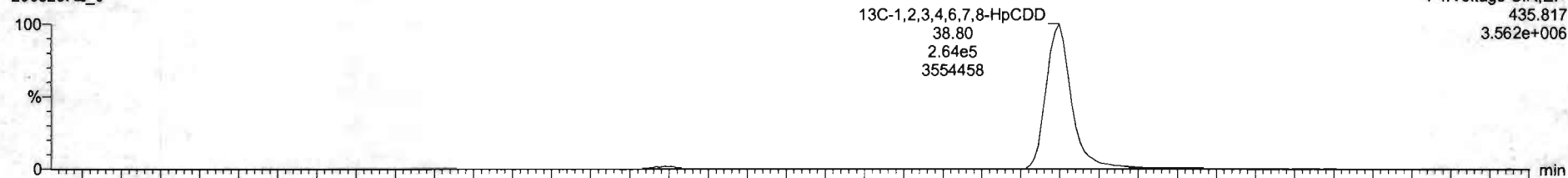
200528R2_6



F4:Voltage SIR,EI+
425.774
2.481e+006

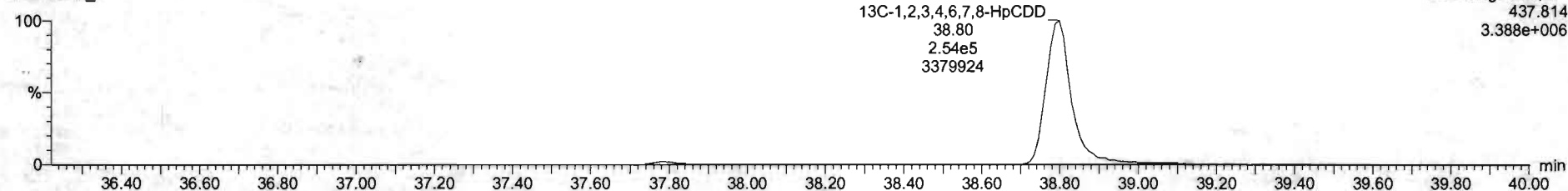
13C-1,2,3,4,6,7,8-HpCDD

200528R2_6



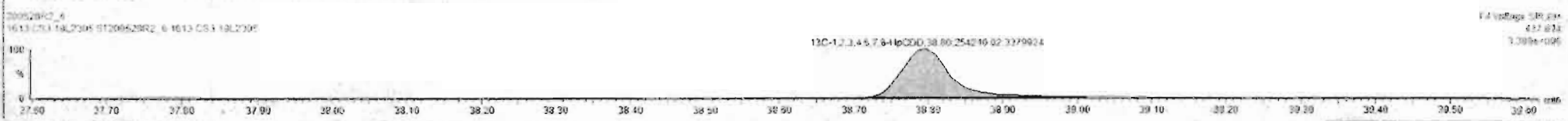
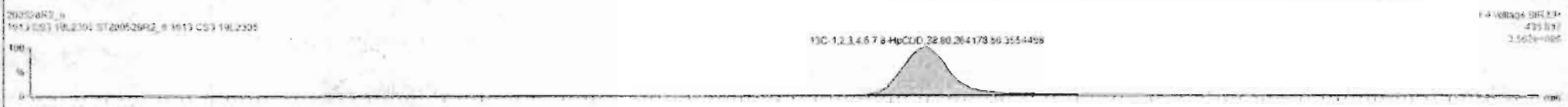
F4:Voltage SIR,EI+
435.817
3.562e+006

200528R2_6



F4:Voltage SIR,EI+
437.814
3.388e+006

#	Name	Resp	RA	inj	RRF	wtvol	HT	RR1	Conc	%Rec	OL	EMPC
1	1,2,3,4,5-HpCDD	1.96e5	0.81	NO	0.880	1.000	26.19	1.001	10.2	102	0.0664	10.0
2	1,2,3,4,6,7,8-HpCDD	3.95e5	0.82	NO	0.900	1.000	31.53	1.001	51.3	102	0.195	51.3
3	1,2,3,4,7,8-HpCDD	3.25e5	1.23	NO	1.034	1.000	34.89	1.006	52.1	104	0.255	52.1
4	1,2,3,4,7,8-HxCDD	3.51e5	1.24	NO	0.890	1.000	35.00	1.001	48.2	96.4	0.251	48.2
5	1,2,3,4,7,8,9-HxCDD	3.12e5	1.24	NO	1.525	1.000	35.27	1.000	49.9	99.8	0.254	49.9
6	1,2,3,4,6,7,8-HxCDD	3.95e5	1.03	NO	0.890	1.000	35.81	1.000	51.3	102	0.259	51.2
7	OCDF	4.53e5	0.98	NO	0.916	1.000	41.75	1.000	102	102	0.208	102
8	1,1,1,6-TCDF	1.19e5	0.74	NO	0.710	1.000	25.09	1.001	9.90	99.8	0.0613	9.90
9	1,2,3,7,8-PeCDF	5.72e5	1.57	NO	0.890	1.000	30.25	1.000	51.0	102	0.150	51.0
10	1,2,3,7,8-PeCDF	5.81e5	1.57	NO	0.930	1.000	31.00	1.000	50.3	101	0.150	50.3
11	1,2,3,4,7,8-HxCDF	3.58e5	1.21	NO	0.884	1.000	34.01	1.000	51.1	102	0.151	51.1
12	1,2,3,6,7,8-HpCDF	4.22e5	1.25	NO	0.880	1.000	34.13	1.000	51.9	104	0.170	51.9
13	1,2,3,4,6,7,8-HxCDF	3.08e5	1.25	NO	0.904	1.000	34.72	1.000	51.9	104	0.157	51.9
14	1,2,3,7,8-HpCDF	3.98e5	1.02	NO	0.870	1.000	35.03	1.000	51.1	102	0.209	51.1
15	1,2,3,4,6,7,8-HpCDF	2.84e5	0.98	NO	0.874	1.000	37.41	1.001	51.4	103	0.201	51.4
16	1,2,3,4,7,8,9-HpCDF	2.30e5	0.98	NO	1.010	1.000	38.14	1.000	52.7	108	0.288	52.7
17	OCDF	4.44e5	0.85	NO	0.800	1.000	41.87	1.000	102	102	0.161	102
18	13C-1,2,3,7,8-TCDF	1.16e5	0.79	NO	1.150	1.000	26.96	1.026	101	101	0.0980	
19	13C-1,2,3,7,8-PeCDF	3.48e5	0.84	NO	0.940	1.000	31.50	1.215	100	100	0.235	
20	13C-1,2,3,4,7,8-HpCDF	8.04e5	1.27	NO	0.770	1.000	34.88	1.014	98.9	98.9	0.188	
21	13C-1,2,3,6,7,8-HpCDF	8.15e5	1.23	NO	1.040	1.000	34.97	1.017	102	102	0.144	



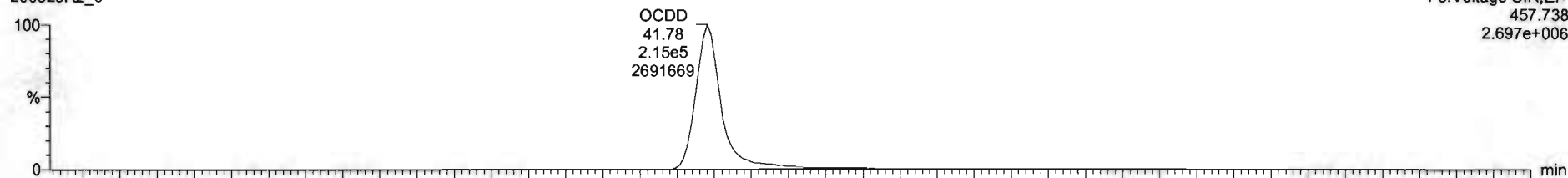
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

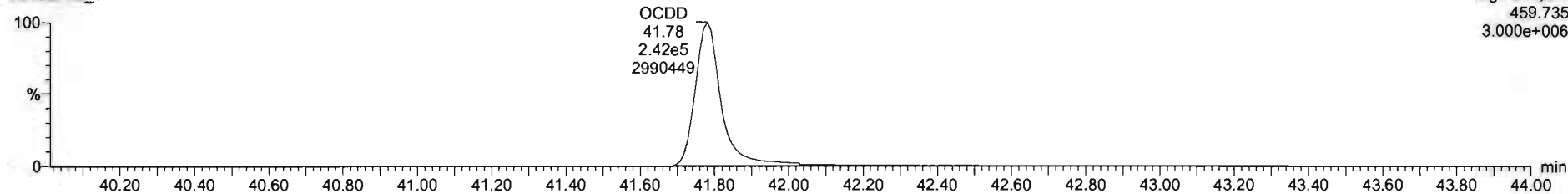
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

OCDD

200528R2_6

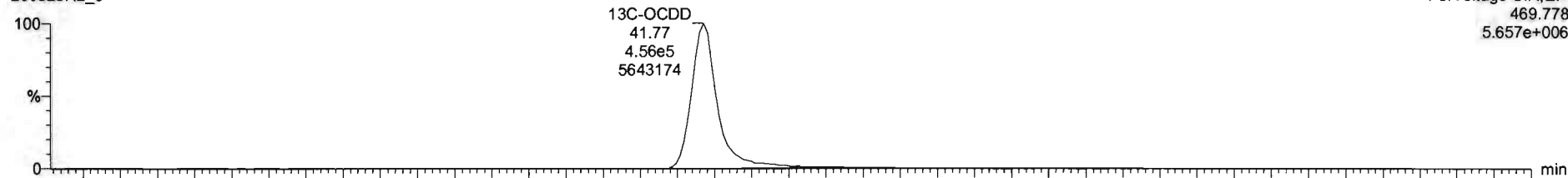


200528R2_6

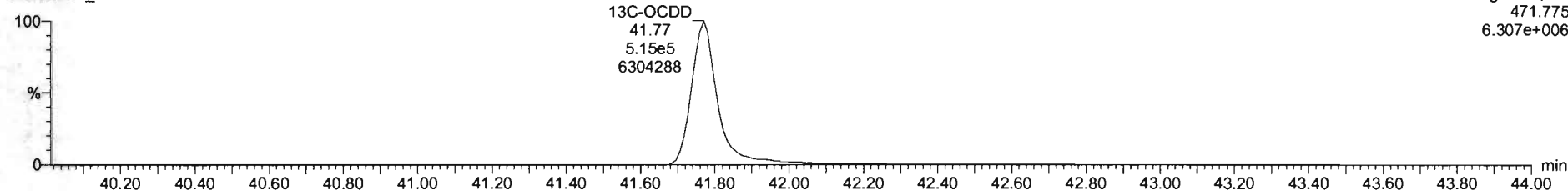


13C-OCDD

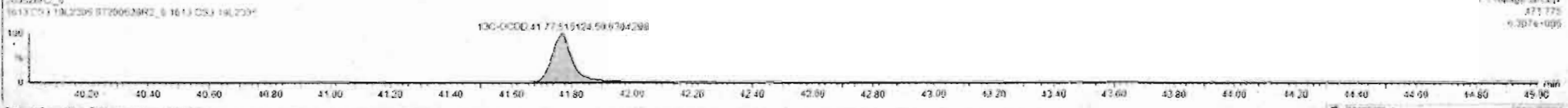
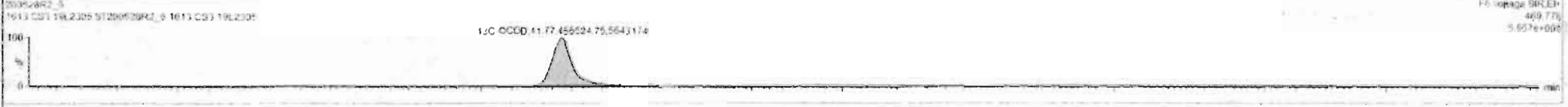
200528R2_6



200528R2_6



Name	Resp	RA	Qty	RHF	WVol	RT	RRT	Conc	%Rec	DL	EMFC
1 2,3,7,8-TCDD	1.96e6	0.21	NO	0.8843	1.000	26.19	1.001	10.2	102	0.0664	10.2
2 1,2,3,7,8-PeCDD	3.96e6	0.22	NO	0.9091	1.000	31.92	1.001	51.3	103	0.195	51.3
3 1,2,3,4,7,8-HxCDD	3.25e6	1.25	NO	1.0334	1.000	34.89	1.000	52.1	104	0.228	52.1
4 1,2,3,6,7,8-HxCDD	3.51e6	1.24	NO	0.8027	1.000	35.30	1.001	46.3	96.6	0.253	46.3
5 1,2,3,7,8,9-HxCDD	3.12e6	1.24	NO	0.9063	1.000	35.27	1.000	49.9	99.8	0.254	49.9
6 1,2,3,4,6,7,8-HpCDD	7.26e6	1.52	NO	1.0881	1.000	35.81	1.000	71.1	100	0.216	71.1
7 OCDD	4.53e5	0.28	NO	0.9138	1.000	41.76	1.000	102	102	0.208	102
8 2,3,7,8-TCDF	1.19e6	0.24	NO	0.7510	1.000	25.89	1.001	3.96	99.6	0.0613	9.96
9 1,2,3,7,8-PeCDF	5.72e6	1.57	NO	0.8925	1.000	30.25	1.000	51.2	102	0.159	51.2
10 2,3,4,7,8-HxCDF	8.81e6	1.57	NO	0.9346	1.000	31.22	1.000	50.3	101	0.130	50.3
11 1,2,3,4,7,8-HxCDF	3.56e6	1.21	NO	0.8944	1.000	34.91	1.000	51.1	102	0.191	51.1
12 1,2,3,6,7,8-HxCDF	4.22e6	1.25	NO	0.9092	1.000	34.12	1.000	51.9	104	0.176	51.9
13 2,3,4,6,7,8-HxCDF	3.88e6	1.25	NO	0.9341	1.000	34.22	1.000	51.9	104	0.197	51.9
14 1,2,3,7,8,9-HxCDF	2.98e6	1.22	NO	0.8707	1.000	35.43	1.000	51.1	102	0.201	51.1
15 1,2,3,4,6,7,8-HpCDF	2.64e6	0.98	NO	0.8734	1.000	37.41	1.001	51.4	103	0.221	51.4
16 1,2,3,4,7,8,9-HpCDF	2.06e6	0.98	NO	1.0128	1.000	39.34	1.000	52.7	105	0.253	52.7
17 OCDF	4.44e6	0.80	NO	0.8045	1.000	41.87	1.000	102	102	0.161	102
18 13C-2,3,7,8-TCDF	1.16e6	0.79	NO	1.1563	1.000	26.56	1.025	101	101	0.0900	
19 13C-1,2,3,7,8-PeCDD	8.46e6	0.84	NO	0.8490	1.000	31.98	1.215	160	160	0.275	
20 13C-1,2,3,4,7,8-HxCDD	6.04e6	1.27	NO	0.7750	1.000	34.88	1.014	96.9	96.9	0.198	
21 13C-1,2,3,6,7,8-HxCDD	6.15e6	1.23	NO	1.0167	1.000	34.97	1.017	102	102	0.144	



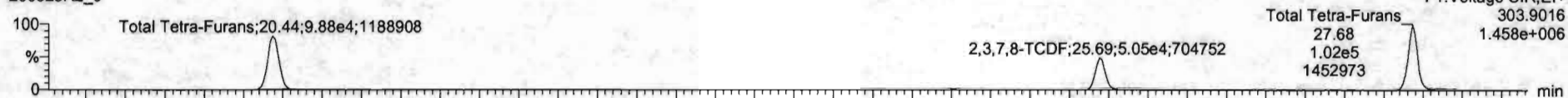
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

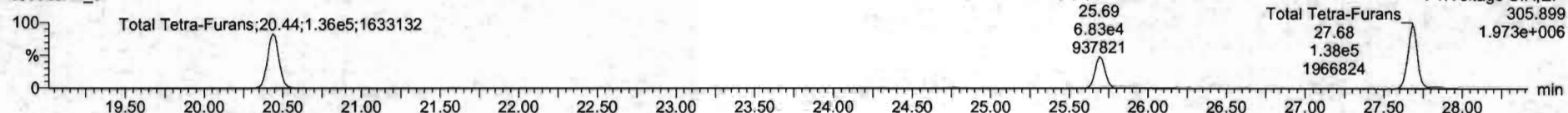
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDF

200528R2_6

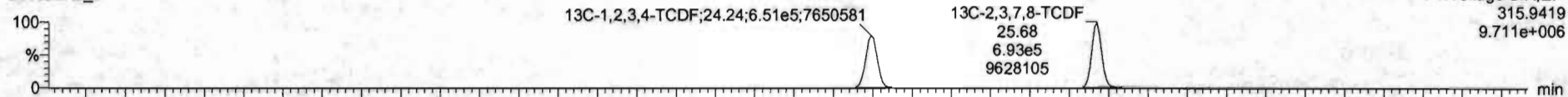


200528R2_6

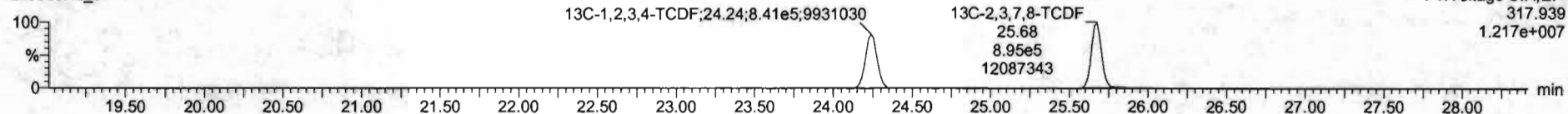


13C-2,3,7,8-TCDF

200528R2_6

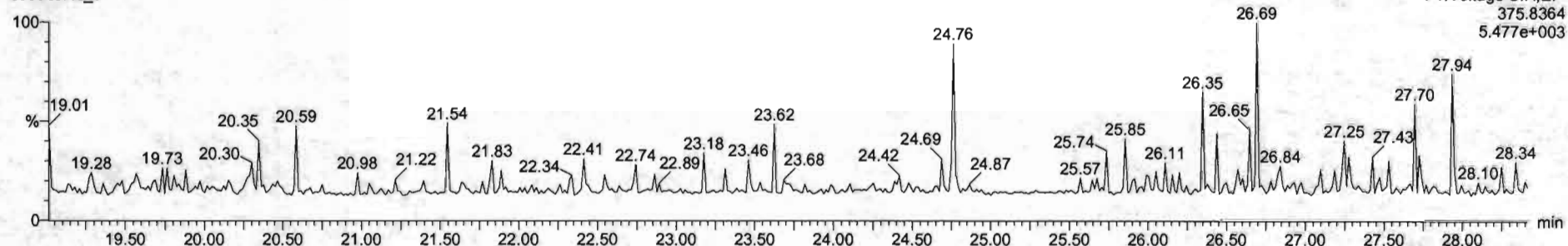


200528R2_6



DPE1

200528R2_6



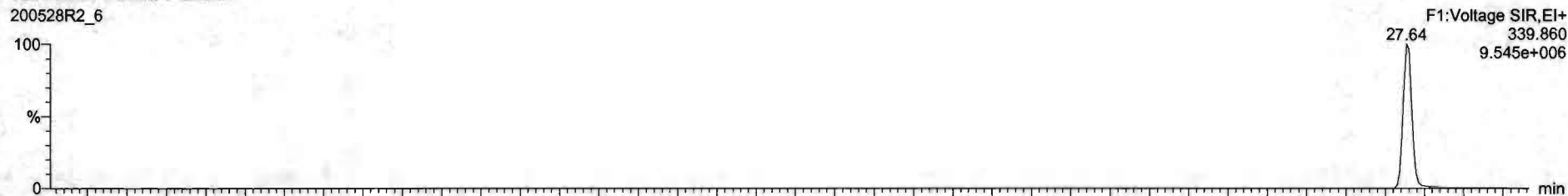
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

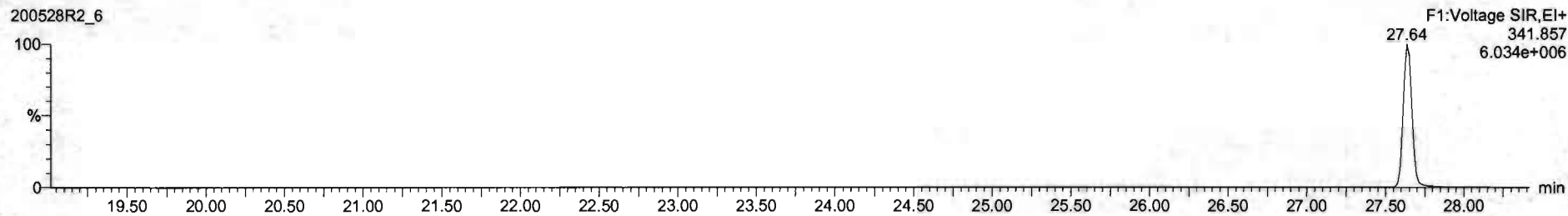
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1st Func. Penta-Furans

200528R2_6

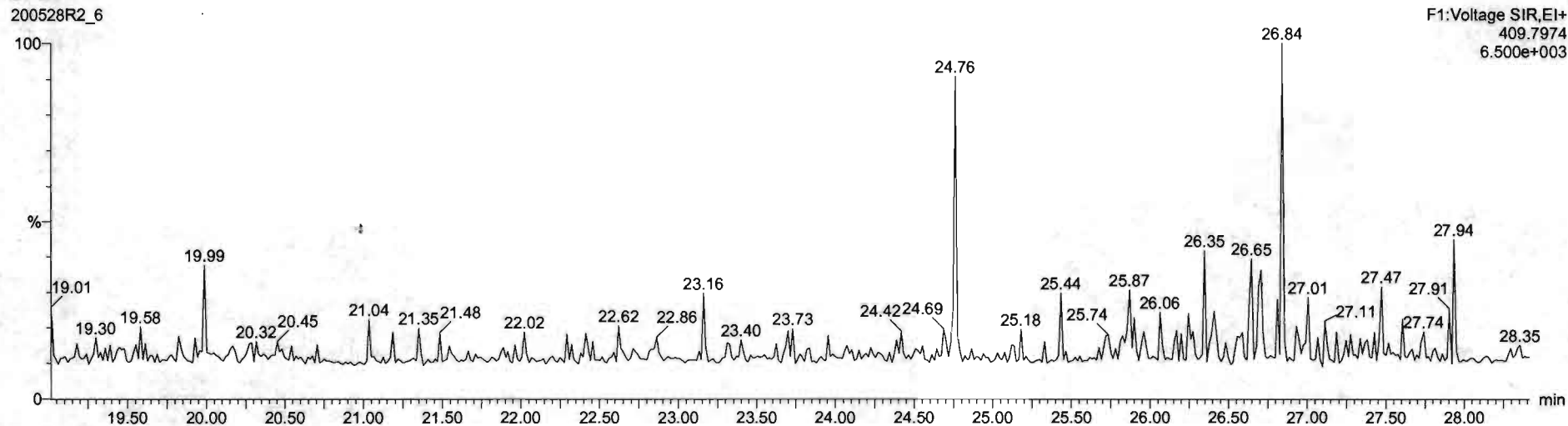


200528R2_6



DPE6

200528R2_6



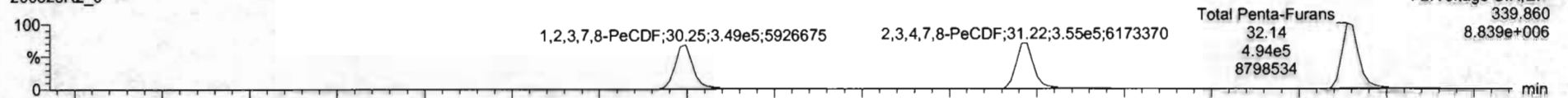
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

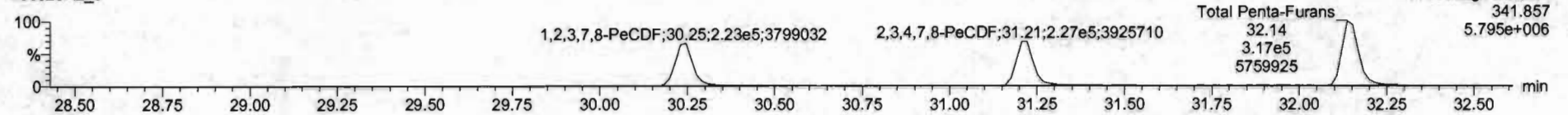
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

1,2,3,7,8-PeCDF

200528R2_6

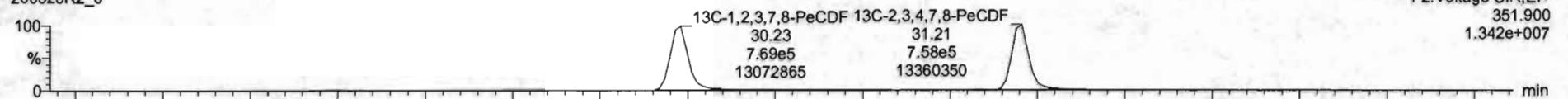


200528R2_6

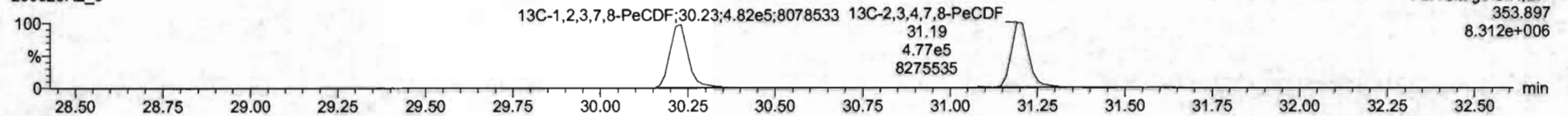


13C-1,2,3,7,8-PeCDF

200528R2_6

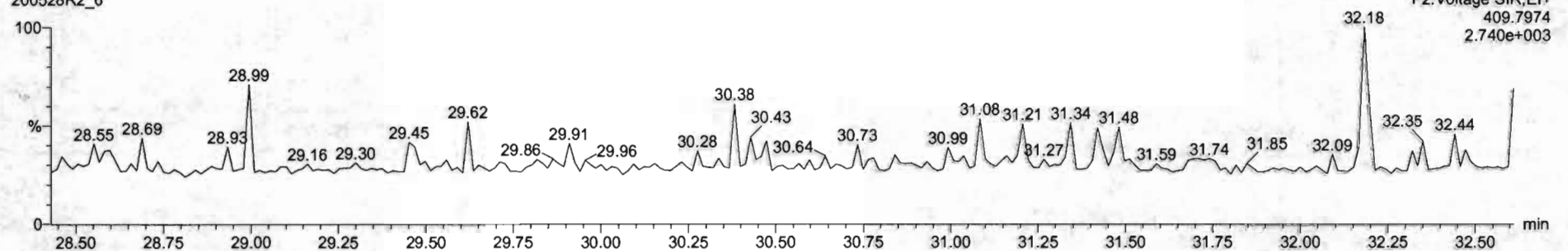


200528R2_6



DPE2

200528R2_6

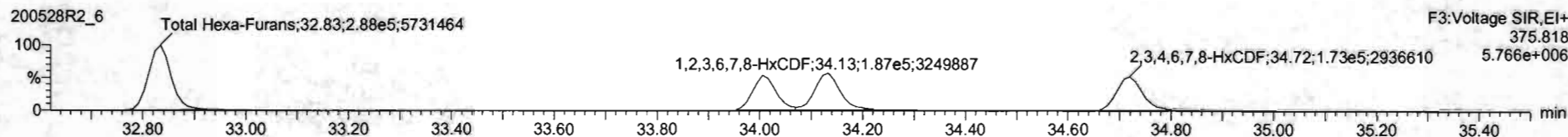
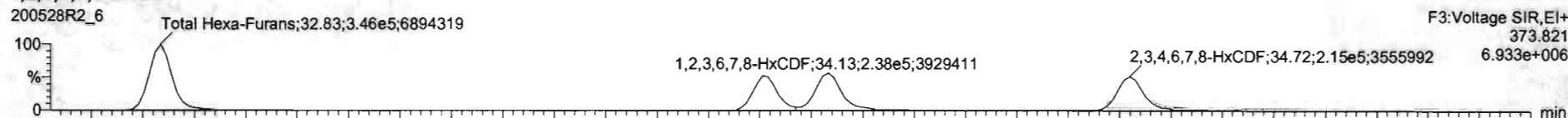


Dataset: Untitled

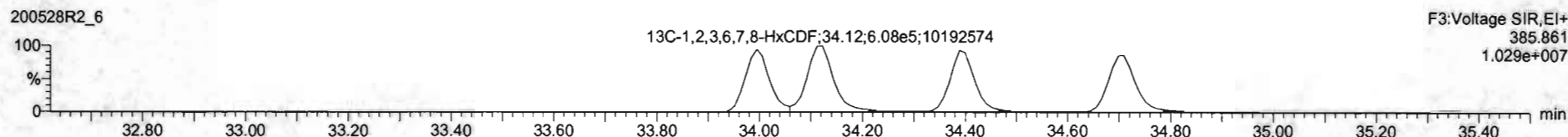
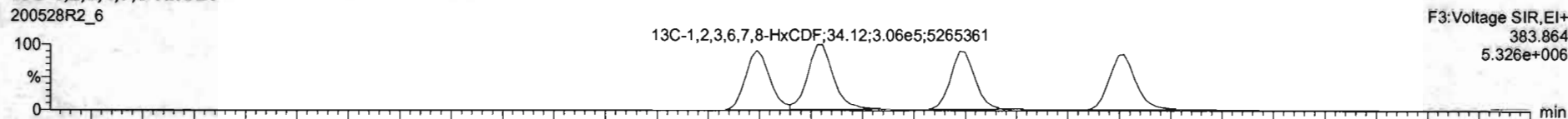
Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

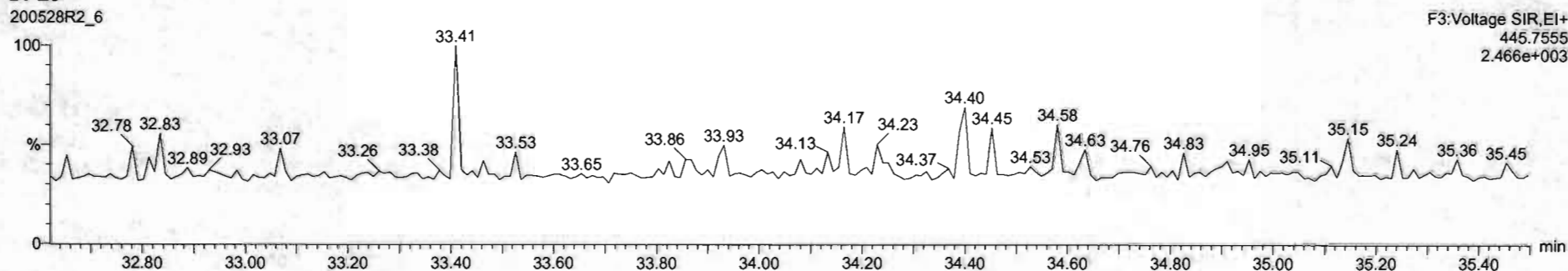
1,2,3,4,7,8-HxCDF



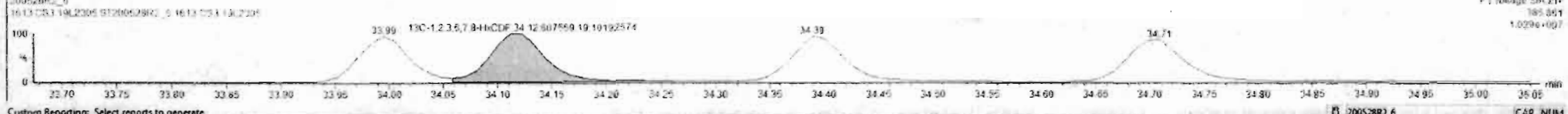
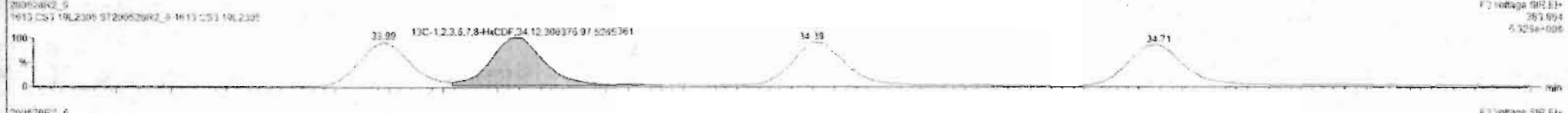
13C-1,2,3,4,7,8-HxCDF



DPE3



Name	Resp	RA	WV	RRF	WtVal	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.06e5	0.81	NO	0.6082	1.000	26.55	1.001	102	102	0.0664	10.2
2 1,2,3,7,8-PeCDD	1.56e5	0.82	NO	0.6081	1.000	31.53	1.001	51.3	103	0.194	51.3
3 1,2,3,4,7,8-HxCDD	0.25e5	1.23	NO	1.0334	1.000	34.89	1.000	52.1	104	0.220	52.1
4 1,2,3,6,7,8-HxCDD	0.31e5	1.24	NO	0.8923	1.000	25.00	1.001	48.3	96.6	0.231	48.3
5 1,2,3,7,8,9-HxCDD	0.12e5	1.24	NO	0.9269	1.000	35.27	1.000	49.9	99.8	0.264	49.9
6 1,2,3,4,6,7,8-HpCDD	0.26e5	1.01	NO	0.8838	1.000	26.61	1.000	51.2	102	0.209	51.2
7 OCDD	1.53e5	0.86	NO	0.5136	1.000	41.78	1.000	102	102	0.290	102
8 2,3,7,8-TCDF	1.19e5	0.74	NO	0.7510	1.000	25.69	1.001	9.90	99.8	0.0613	9.90
9 1,2,3,7,8-PeCDF	0.72e5	1.57	NO	0.8925	1.000	30.25	1.000	51.2	102	0.139	51.2
10 1,2,3,4,7,8-HxCDF	0.91e5	1.57	NO	0.9248	1.000	31.22	1.000	50.3	101	0.130	50.3
11 1,2,3,4,7,8-HxCDF	0.56e5	1.21	NO	0.8845	1.000	34.01	1.000	51.1	102	0.191	51.1
12 1,2,3,6,7,8-HxCDF	4.22e5	1.25	NO	0.8092	1.000	34.13	1.000	51.9	104	0.170	51.9
13 2,3,4,6,7,8-HpCDF	1.58e5	1.25	NO	0.9241	1.000	34.72	1.000	51.9	104	0.197	51.9
14 1,2,3,7,8,9-HxCDF	2.98e5	1.22	NO	0.8707	1.000	35.83	1.000	51.1	102	0.201	51.1
15 1,2,3,4,6,7,8-HpCDF	2.64e5	0.90	NO	0.8734	1.000	37.41	1.001	51.4	103	0.221	51.4
16 1,2,3,4,7,8,9-HpCDF	0.20e5	0.86	NO	1.0100	1.000	39.34	1.000	52.7	105	0.268	52.7
17 OCDF	1.44e5	0.86	NO	0.8085	1.000	41.97	1.000	102	102	0.141	102
18 13C-2,3,7,8-TCDD	1.16e6	0.79	NO	1.1583	1.000	26.56	1.026	101	101	0.0800	
19 13C-1,2,3,7,8-PeCDD	0.48e5	0.64	NO	0.8490	1.000	31.50	1.215	100	100	0.235	
20 13C-1,2,3,7,8-HxCDD	0.04e5	1.27	NO	0.7790	1.000	34.86	1.014	98.9	98.9	0.188	
21 13C-1,2,3,6,7,8-HxCDD	0.15e5	1.23	NO	1.0187	1.000	34.97	1.017	102	102	0.144	



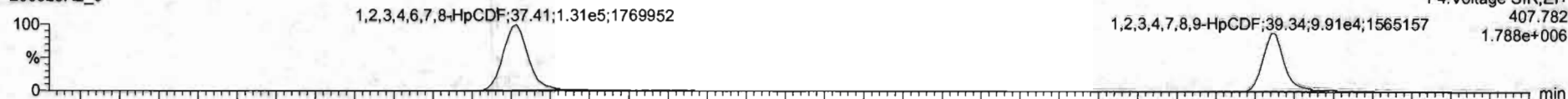
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

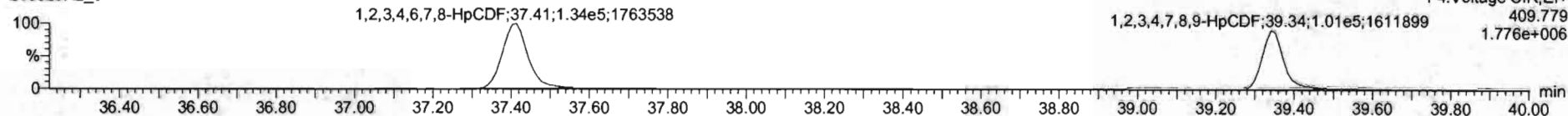
Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200528R2_6

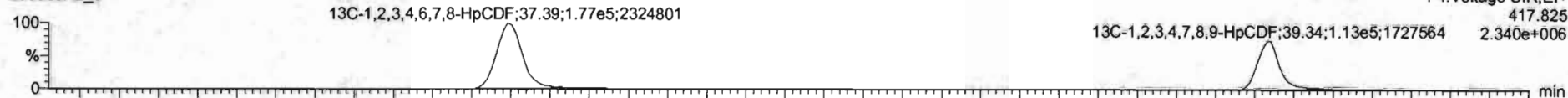


200528R2_6

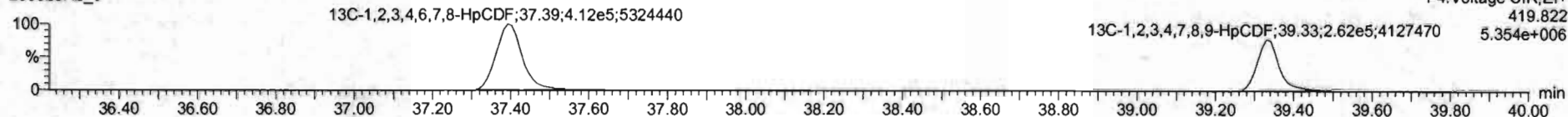


13C-1,2,3,4,6,7,8-HpCDF

200528R2_6

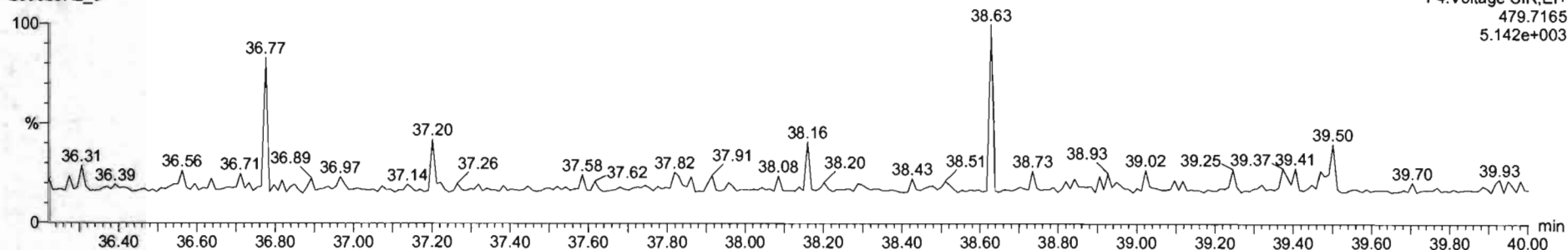


200528R2_6



DPE4

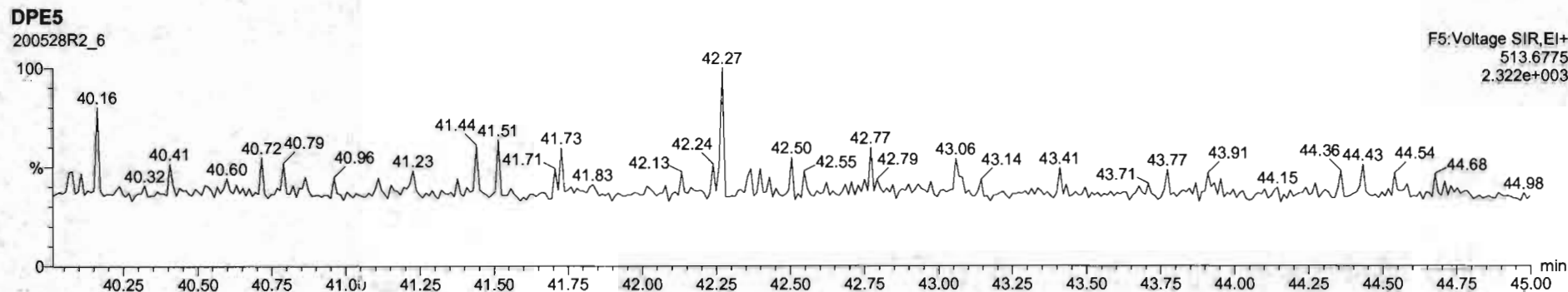
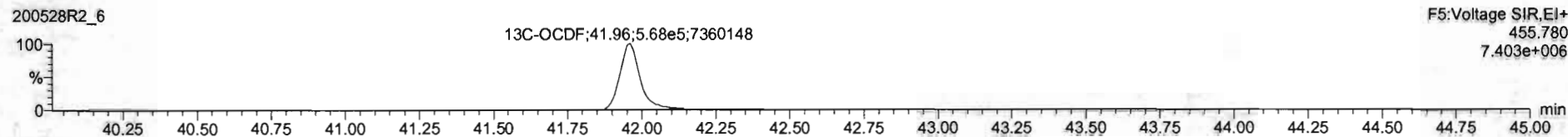
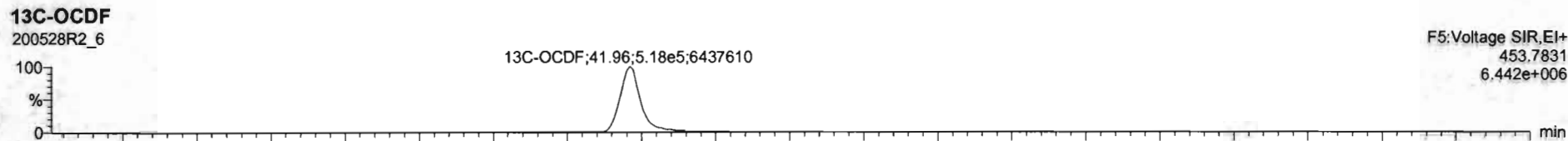
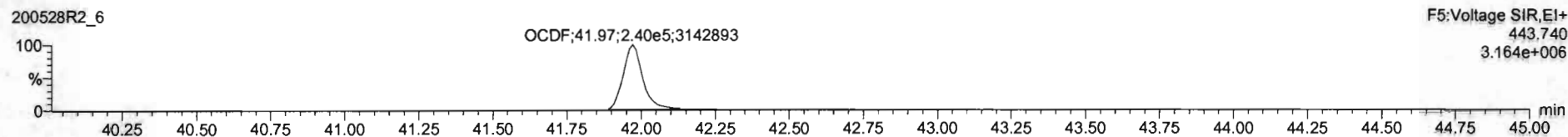
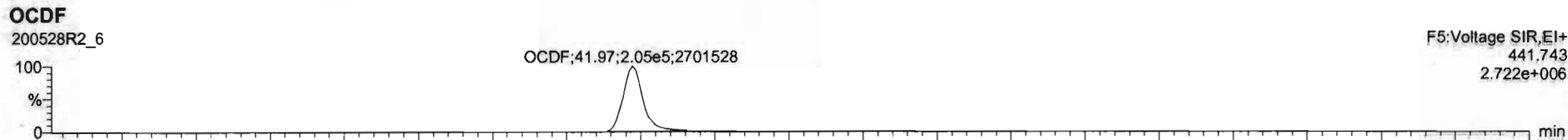
200528R2_6



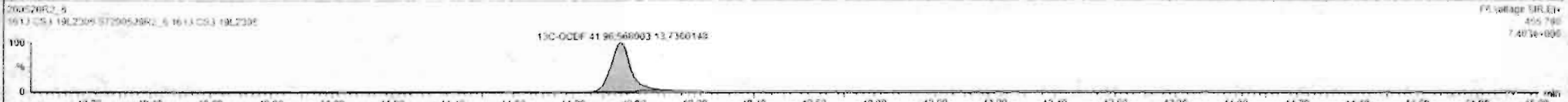
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_6, Date: 28-May-2020, Time: 15:58:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305



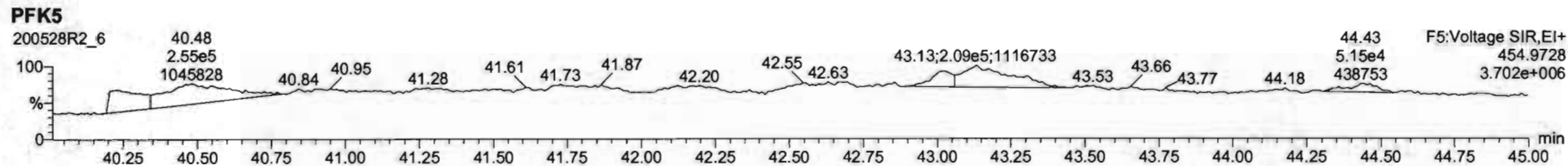
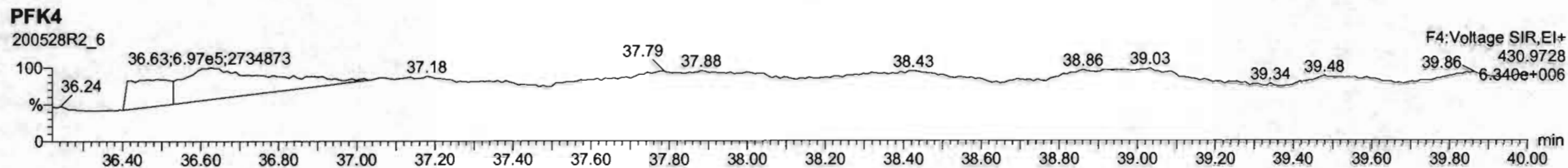
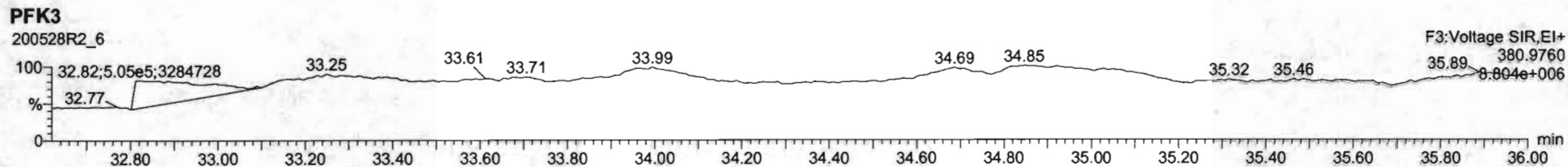
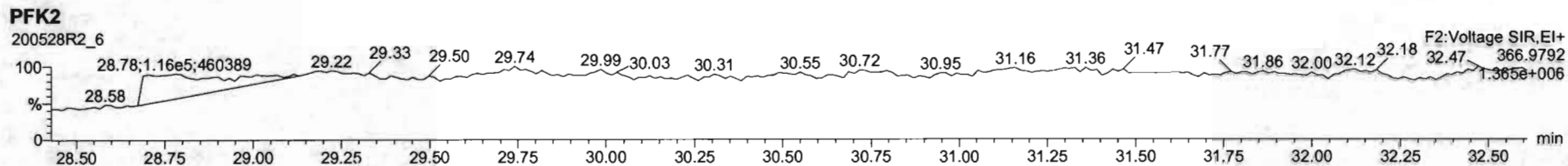
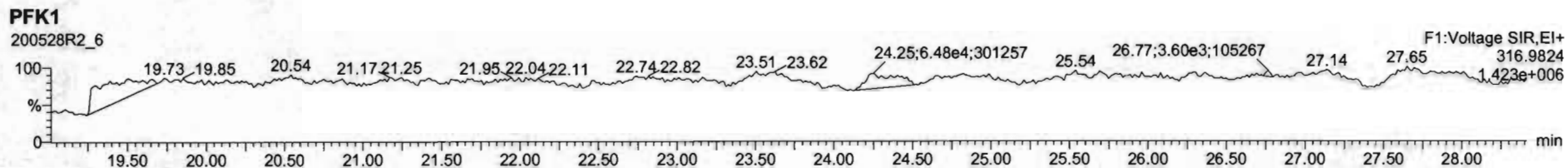
#	Name	Resp	RA	nlv	RRF	whval	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.06e5	0.81	NO	0.8803	1.000	26.19	1.001	10.2	102	0.0664	10.2
2	1,2,3,7,8-PeCDD	3.56e5	0.62	NO	0.8091	1.000	31.53	1.001	51.3	103	0.195	51.3
3	1,2,3,4,7,8-HxCDD	0.25e5	1.23	NO	1.0334	1.000	34.89	1.000	52.1	104	0.228	52.1
4	1,2,3,6,7,8-HxCDD	0.51e5	1.34	NO	0.8921	1.000	35.00	1.001	48.3	96.6	0.231	48.3
5	1,2,3,7,8,9-HxCDD	0.12e5	1.24	NO	0.8265	1.000	35.27	1.000	49.9	99.8	0.254	49.9
6	1,2,3,4,6,7,8-HpCDD	1.06e5	1.01	NO	1.9839	1.000	36.81	1.000	73.2	102	0.109	73.2
7	OCDD	4.53e5	0.68	NO	0.9136	1.000	41.78	1.000	102	102	0.206	102
8	2,3,7,8-TCDF	1.19e5	0.74	NO	0.7510	1.000	25.69	1.001	9.98	99.8	0.0613	9.96
9	1,2,3,7,8-PeCDF	5.72e5	1.57	NO	0.8925	1.000	30.24	1.000	51.2	102	0.139	51.2
10	1,2,3,4,7,8-HxCDF	0.61e5	1.57	NO	0.9348	1.000	31.22	1.000	40.3	101	0.150	40.3
11	1,2,3,4,7,8-HxCDF	3.56e5	1.31	NO	0.8845	1.000	34.81	1.000	51.1	103	0.191	51.1
12	1,2,3,6,7,8-HxCDF	4.22e5	1.25	NO	0.8882	1.000	34.13	1.000	51.9	104	0.176	51.9
13	2,3,4,6,7,8-HxCDF	3.08e5	1.25	NO	0.9341	1.000	34.72	1.000	51.8	104	0.187	51.8
14	1,2,3,7,8,9-HxCDF	2.98e5	1.22	NO	0.8787	1.000	34.83	1.000	51.1	102	0.291	51.1
15	1,2,3,4,6,7,8-HpCDF	2.64e5	0.98	NO	0.8734	1.000	37.41	1.001	51.4	103	0.221	51.4
16	1,2,3,4,7,8,9-HpCDF	2.00e5	0.98	NO	1.0128	1.000	39.34	1.000	52.7	102	0.258	52.7
17	OCDF	4.44e5	0.85	NO	0.6085	1.000	41.97	1.000	102	102	0.191	102
18	13C-2,3,7,8-TCDD	1.16e6	0.79	NO	1.1583	1.000	26.19	1.024	101	101	0.0680	
19	13C-1,2,3,7,8-PeCDD	6.48e5	0.64	NO	0.8456	1.000	31.53	1.215	100	100	0.235	
20	13C-1,2,3,4,7,8-HxCDD	0.64e5	1.27	NO	0.7790	1.000	34.88	1.014	98.9	98.9	0.168	
21	13C-1,2,3,6,7,8-HxCDD	0.15e5	1.23	NO	1.8187	1.000	34.97	1.017	102	102	0.144	



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:49:30 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:49:39 AM Pacific Daylight Time

Name: 200528R2_6, Date: 28-May-2020, Time: 15:50:32, ID: ST200528R2_6 1613 CS3 19L2305, Description: 1613 CS3 19L2305



Dataset: U:\VG12.PRO\Results\200528R2\200528R2-8.qld

Last Altered: Friday, May 29, 2020 7:44:05 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:44:35 AM Pacific Daylight Time

GRB 05/29/2020

Method: U:\VG12.PRO\MethDB\1613rrt-05-26-20.mdb 26 May 2020 10:34:17

Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

#	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	1.24e5	0.78	NO	0.888	1.000	26.575	26.57	1.001	1.001	11.080	111	0.0262	11.1
2	2 1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.908	1.000	31.518	31.51	1.001	1.000	56.429	113	0.0622	56.4
3	3 1,2,3,4,7,8-HxCDD	3.86e5	1.22	NO	1.03	1.000	34.879	34.88	1.000	1.000	58.033	116	0.101	58.0
4	4 1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.892	1.000	34.975	34.99	1.000	1.000	57.963	116	0.105	58.0
5	5 1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.887	1.000	35.262	35.26	1.000	1.000	57.107	114	0.119	57.1
6	6 1,2,3,4,6,7,8-HpCDD	2.67e5	1.03	NO	0.864	1.000	38.799	38.80	1.000	1.000	55.832	112	0.168	55.8
7	7 OCDD	5.15e5	0.88	NO	0.914	1.000	41.759	41.78	1.000	1.001	111.26	111	0.171	111
8	8 2,3,7,8-TCDF	1.48e5	0.75	NO	0.751	1.000	25.671	25.68	1.001	1.001	11.386	114	0.0333	11.4
9	9 1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.893	1.000	30.236	30.23	1.001	1.001	55.728	111	0.0942	55.7
10	10 2,3,4,7,8-PeCDF	7.50e5	1.54	NO	0.935	1.000	31.222	31.21	1.001	1.000	60.229	120	0.0851	60.2
11	11 1,2,3,4,7,8-HxCDF	4.21e5	1.20	NO	0.884	1.000	33.984	33.99	1.000	1.000	55.936	112	0.113	55.9
12	12 1,2,3,6,7,8-HxCDF	5.08e5	1.18	NO	0.889	1.000	34.122	34.12	1.000	1.000	56.761	114	0.107	56.8
13	13 2,3,4,6,7,8-HxCDF	4.49e5	1.21	NO	0.934	1.000	34.732	34.71	1.001	1.000	56.468	113	0.117	56.5
14	14 1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.871	1.000	35.614	35.62	1.000	1.000	55.299	111	0.174	55.3
15	15 1,2,3,4,6,7,8-HpCDF	3.01e5	1.01	NO	0.873	1.000	37.430	37.40	1.001	1.000	54.506	109	0.182	54.5
16	16 1,2,3,4,7,8,9-HpCDF	2.38e5	1.00	NO	1.01	1.000	39.331	39.34	1.000	1.000	57.740	115	0.198	57.7
17	17 OCDF	5.22e5	0.87	NO	0.806	1.000	41.951	41.96	1.000	1.000	113.77	114	0.201	114
18	18 13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.16	1.000	26.584	26.54	1.026	1.025	91.859	91.9	0.0837	
19	19 13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.849	1.000	31.784	31.50	1.227	1.216	88.503	88.5	0.117	
20	20 13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.779	1.000	34.874	34.87	1.014	1.014	88.587	88.6	0.180	
21	21 13C-1,2,3,6,7,8-HxCDD	8.41e5	1.26	NO	1.02	1.000	34.987	34.97	1.017	1.017	88.739	88.7	0.138	
22	22 13C-1,2,3,7,8,9-HxCDD	7.39e5	1.24	NO	0.903	1.000	35.259	35.25	1.025	1.025	87.785	87.8	0.155	
23	23 13C-1,2,3,4,6,7,8-HpCDD	5.53e5	1.04	NO	0.689	1.000	38.787	38.79	1.128	1.128	86.116	86.1	0.160	
24	24 13C-OCDD	1.01e6	0.89	NO	0.652	1.000	41.813	41.76	1.216	1.214	166.64	83.3	0.212	
25	25 13C-2,3,7,8-TCDF	1.73e6	0.77	NO	1.06	1.000	25.623	25.65	0.989	0.990	90.815	90.8	0.116	
26	26 13C-1,2,3,7,8-PeCDF	1.35e6	1.61	NO	0.838	1.000	30.163	30.21	1.165	1.167	89.693	89.7	0.169	
27	27 13C-2,3,4,7,8-PeCDF	1.33e6	1.57	NO	0.817	1.000	31.119	31.19	1.202	1.204	90.666	90.7	0.174	
28	28 13C-1,2,3,4,7,8-HxCDF	8.51e5	0.51	NO	1.01	1.000	34.004	33.98	0.989	0.988	90.589	90.6	0.222	
29	29 13C-1,2,3,6,7,8-HxCDF	1.01e6	0.51	NO	1.17	1.000	34.127	34.11	0.992	0.992	92.509	92.5	0.191	
30	30 13C-2,3,4,6,7,8-HxCDF	8.50e5	0.51	NO	1.02	1.000	34.702	34.70	1.009	1.009	89.276	89.3	0.219	
31	31 13C-1,2,3,7,8,9-HxCDF	7.33e5	0.50	NO	0.860	1.000	35.603	35.61	1.035	1.036	91.476	91.5	0.260	

Dataset: U:\VG12.PRO\Results\200528R2\200528R2-8.qld

Last Altered: Friday, May 29, 2020 7:44:05 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:44:35 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

	# 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	6.33e5	0.43	NO	0.774	1.000	37.353	37.39	1.086	1.087	87.682	87.7	0.235	
33	33 13C-1,2,3,4,7,8,9-HpCDF	4.07e5	0.42	NO	0.521	1.000	39.386	39.33	1.145	1.144	83.716	83.7	0.350	
34	34 13C-OCDF	1.14e6	0.88	NO	0.746	1.000	41.985	41.95	1.221	1.220	163.83	81.9	0.148	
35	35 37Cl-2,3,7,8-TCDD	1.28e5			1.04	1.000	26.615	26.57	1.028	1.026	10.416	104	0.0149	
36	36 13C-1,2,3,4-TCDD	1.19e6	0.81	NO	1.00	1.000	26.000	25.90	1.000	1.000	100.00	100	0.0967	
37	37 13C-1,2,3,4-TCDF	1.80e6	0.79	NO	1.00	1.000	24.360	24.22	1.000	1.000	100.00	100	0.123	
38	38 13C-1,2,3,4,6,9-HxCDF	9.32e5	0.51	NO	1.00	1.000	34.420	34.39	1.000	1.000	100.00	100	0.223	

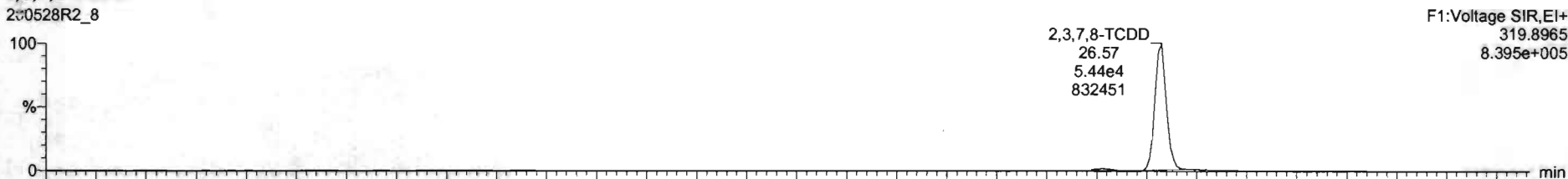
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

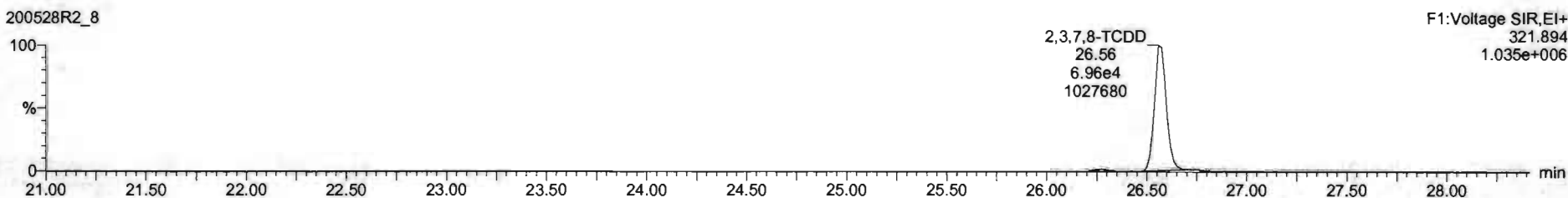
Method: U:\VG12.PRO\MethDB\1613rrt-05-26-20.mdb 26 May 2020 10:34:17
Calibration: U:\VG12.PRO\CurveDB\db5_1613vg12-5-28-20.cdb 28 May 2020 16:52:08

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

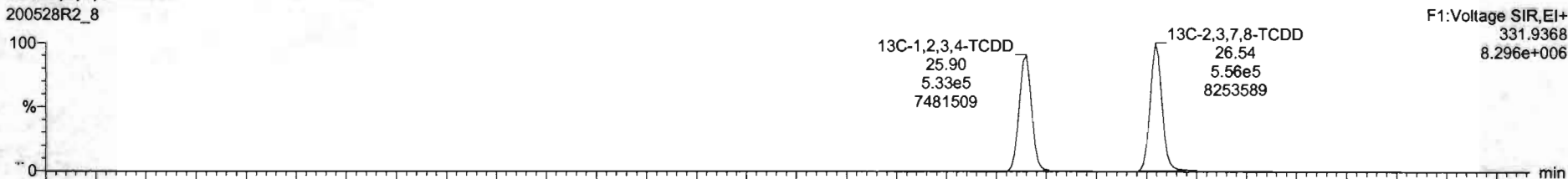
2,3,7,8-TCDD
200528R2_8



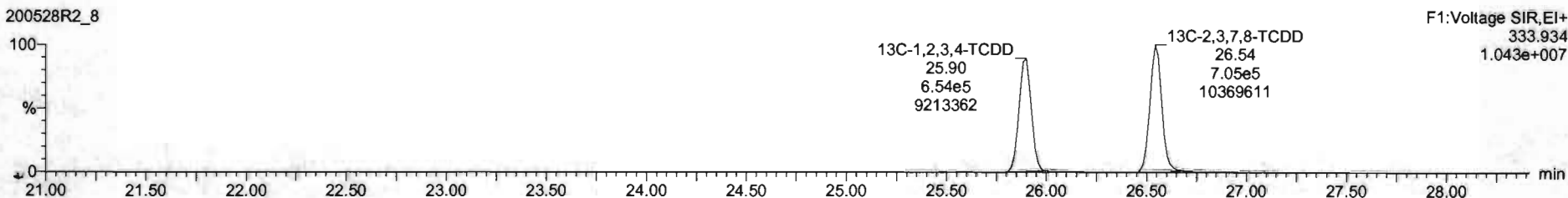
200528R2_8



13C-2,3,7,8-TCDD
200528R2_8



200528R2_8



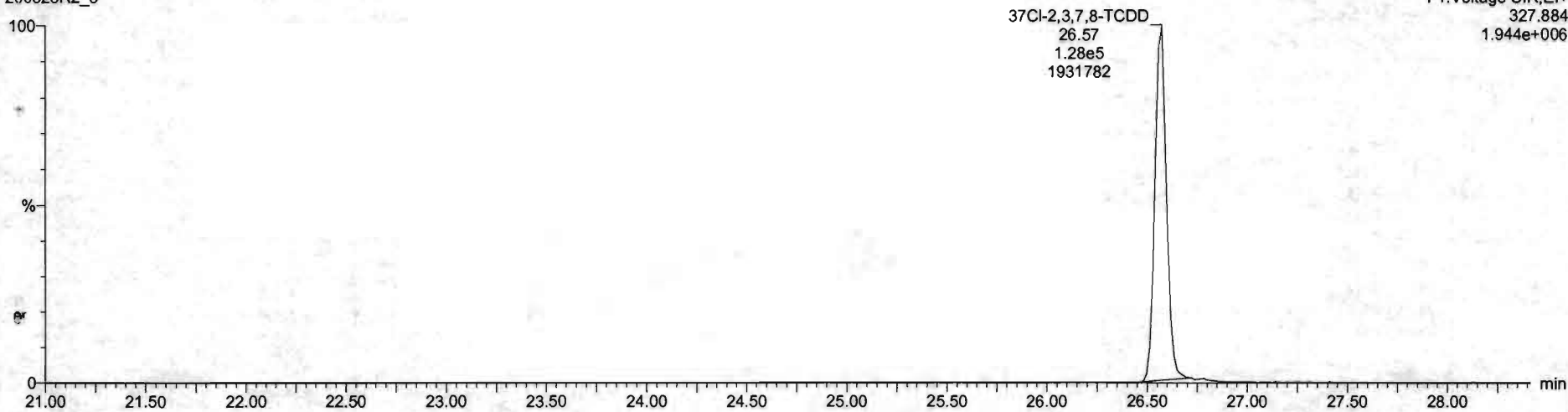
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

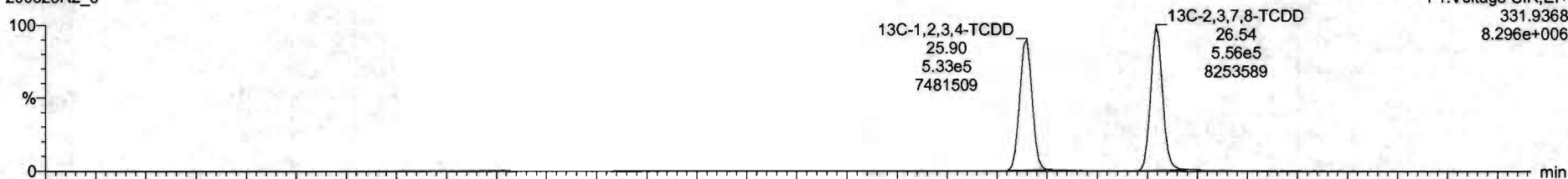
37Cl-2,3,7,8-TCDD

200528R2_8

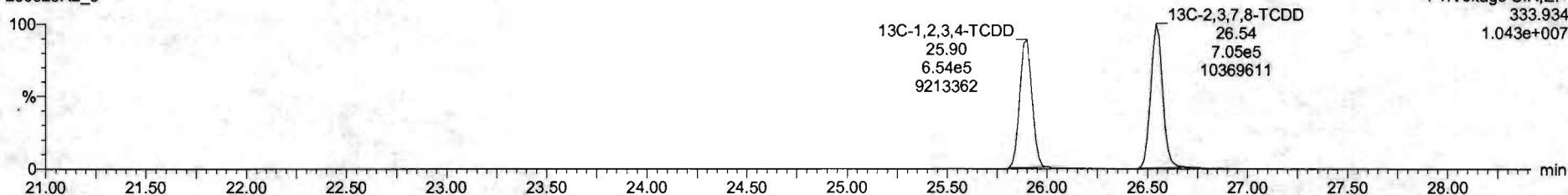


13C-1,2,3,4-TCDD

200528R2_8



200528R2_8



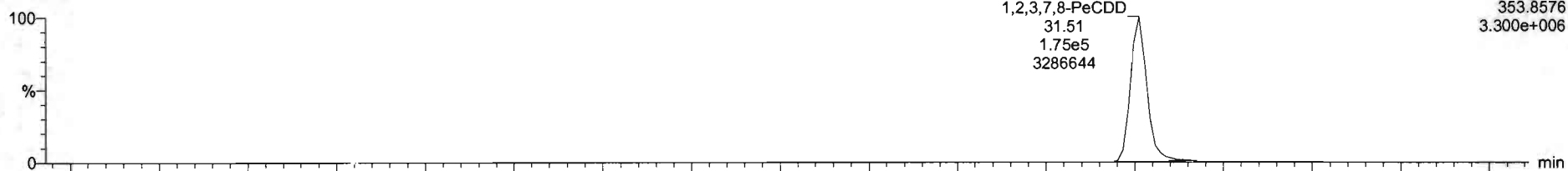
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

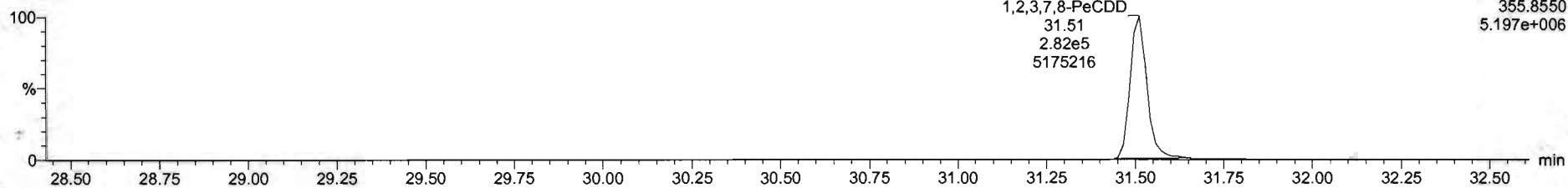
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

1,2,3,7,8-PeCDD

200528R2_8

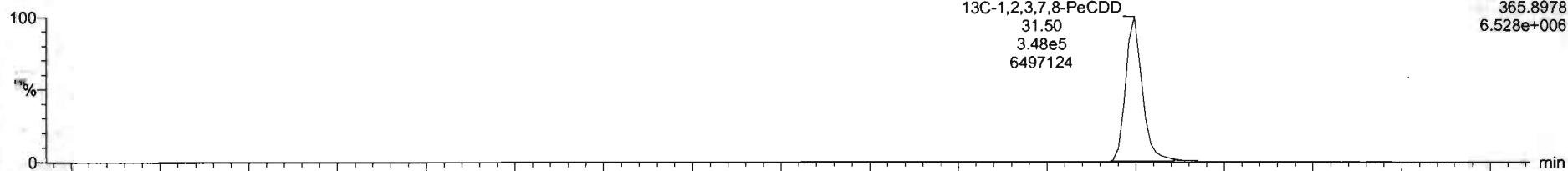


200528R2_8

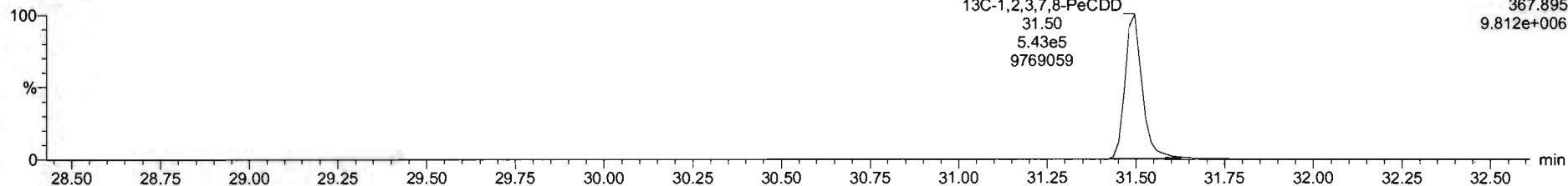


13C-1,2,3,7,8-PeCDD

200528R2_8



200528R2_8



Dataset: Untitled

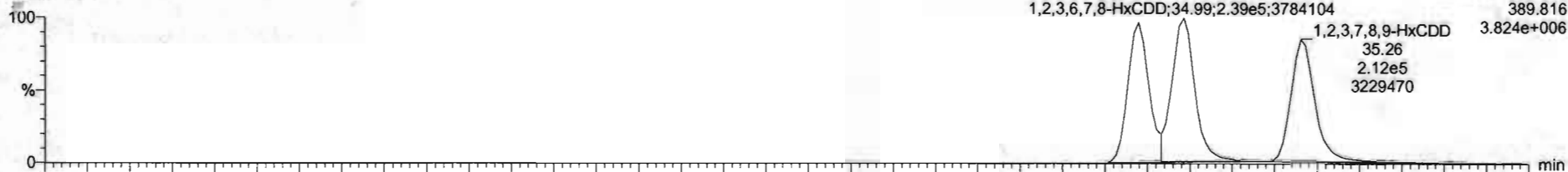
Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

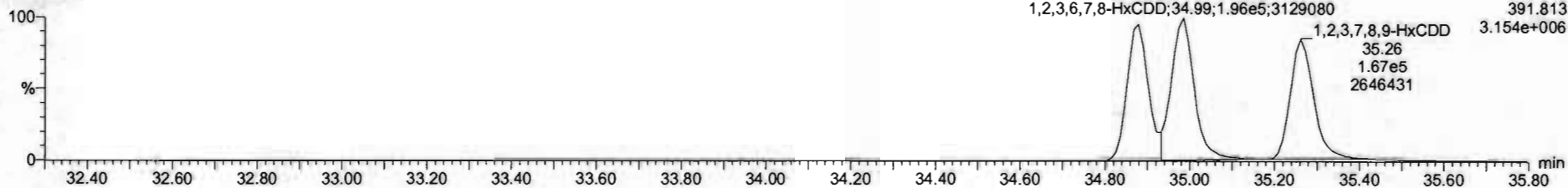
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

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

200528R2_8

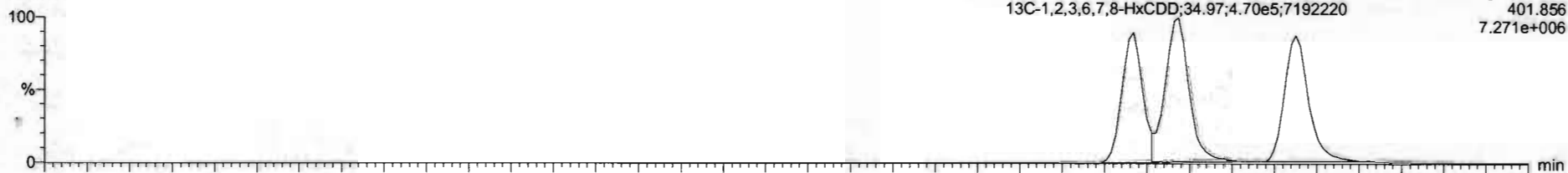


200528R2_8

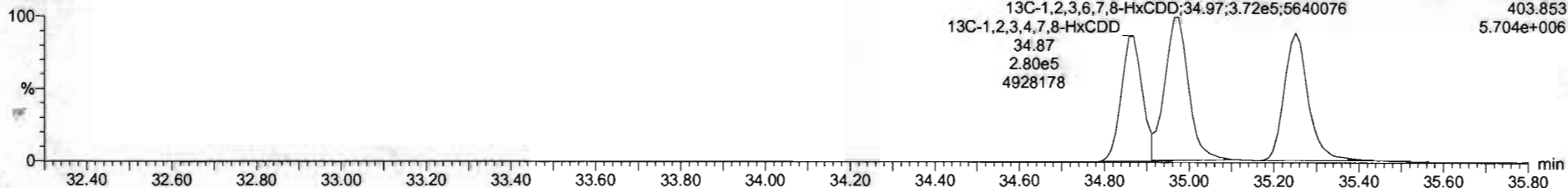


13C-1,2,3,4,7,8-HxCDD

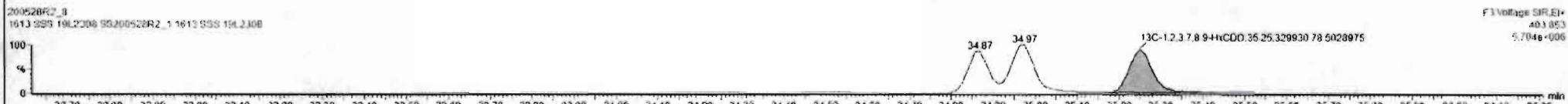
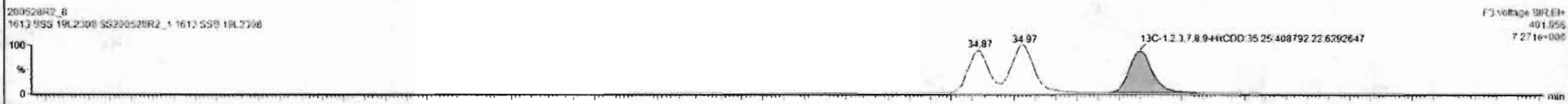
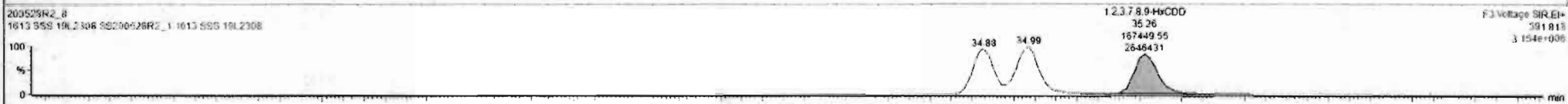
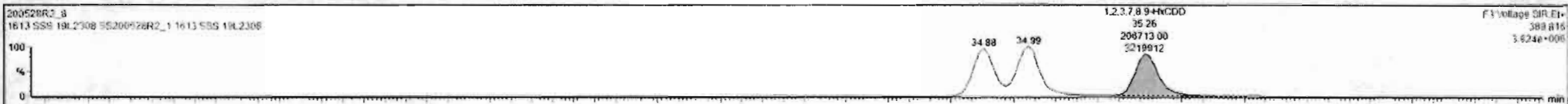
200528R2_8



200528R2_8



#	Name	Resp	RA	nby	RRF	wthvol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.24e5	0.76	NO	0.6883	1.000	26.57	1.001	11.1	111	0.0252	11.1
2	1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.9081	1.000	31.51	1.000	56.4	113	0.0622	56.4
3	1,2,3,4,7,8-HxCDD	2.86e5	1.22	NO	1.0334	1.000	34.86	1.000	56.0	116	0.101	56.0
4	1,2,3,6,7,8-HxCDD	4.35e5	1.72	NO	0.8923	1.000	34.99	1.000	58.0	116	0.105	58.0
5	1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.6969	1.000	35.26	1.000	57.1	114	0.119	57.1
6	1,2,3,4,6,7,8-HpCDD	2.57e5	1.02	NO	0.8639	1.000	36.60	1.000	55.6	112	0.160	55.6
7	OCDD	5.24e5	0.85	NO	0.9136	1.000	41.78	1.001	113	113	0.171	113
8	2,3,7,8-TCDF	1.48e5	0.75	NO	0.7510	1.000	25.68	1.001	11.4	114	0.0333	11.4
9	1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	113	0.0942	55.7
10	2,3,4,7,8-PeCDF	7.62e5	1.54	NO	0.9348	1.000	21.21	1.000	62.1	124	0.0853	62.1
11	1,2,3,4,7,8-HxCDF	4.38e5	1.19	NO	0.8845	1.000	23.99	1.000	58.9	115	0.114	58.9
12	1,2,3,6,7,8-HxCDF	5.11e5	1.18	NO	0.8892	1.000	34.12	1.000	59.1	116	0.108	59.1
13	2,3,4,6,7,8-HxCDF	4.54e5	1.21	NO	0.9341	1.000	34.71	1.000	57.2	114	0.117	57.2
14	1,2,3,7,8,9-HxCDF	3.52e5	1.18	NO	0.8707	1.000	35.62	1.000	55.3	111	0.174	55.3
15	1,2,3,4,5,7,8-HpCDF	3.16e5	1.01	NO	0.8734	1.000	37.40	1.000	58.9	115	0.186	58.9
16	1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0128	1.000	39.34	1.000	59.2	118	0.190	59.2
17	OCDF	5.22e5	0.97	NO	0.8085	1.000	41.96	1.000	114	114	0.201	114
18	13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.1583	1.000	26.54	1.025	91.9	91.9	0.0837	
19	13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8450	1.000	31.50	1.216	88.5	88.5	0.117	
20	13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7750	1.000	34.87	1.014	86.6	86.6	0.180	
21	13C-1,2,3,6,7,8-HxCDD	6.41e5	1.28	NO	1.0187	1.000	34.97	1.017	88.7	88.7	0.136	



Dataset: Untitled

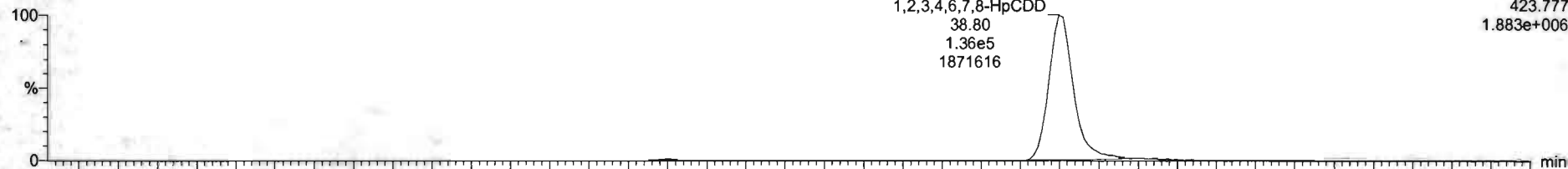
Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

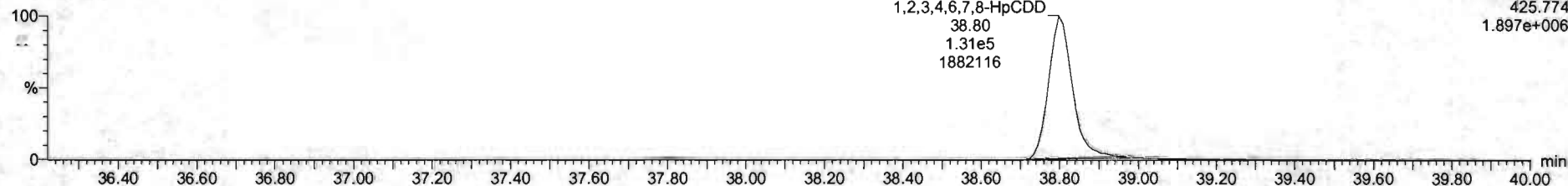
1,2,3,4,6,7,8-HpCDD

200528R2_8



F4:Voltage SIR,EI+
423.777
1.883e+006

200528R2_8



F4:Voltage SIR,EI+
425.774
1.897e+006

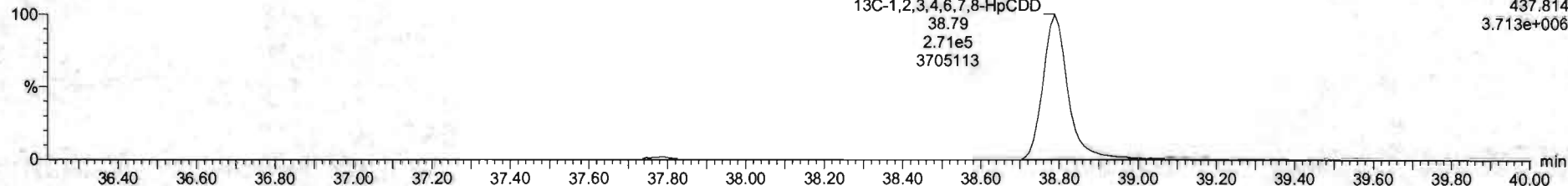
13C-1,2,3,4,6,7,8-HpCDD

200528R2_8



F4:Voltage SIR,EI+
435.817
3.835e+006

200528R2_8



F4:Voltage SIR,EI+
437.814
3.713e+006

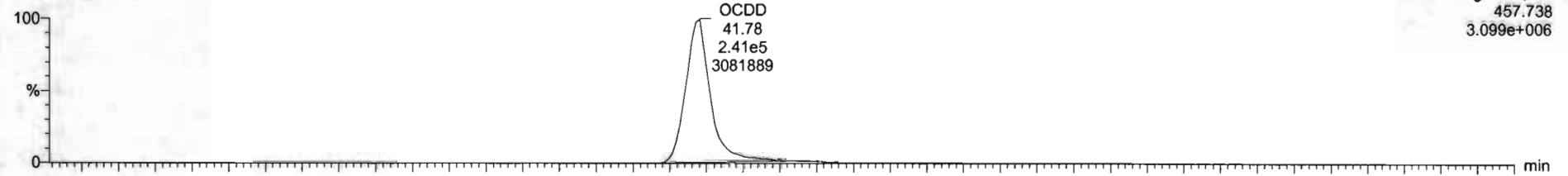
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

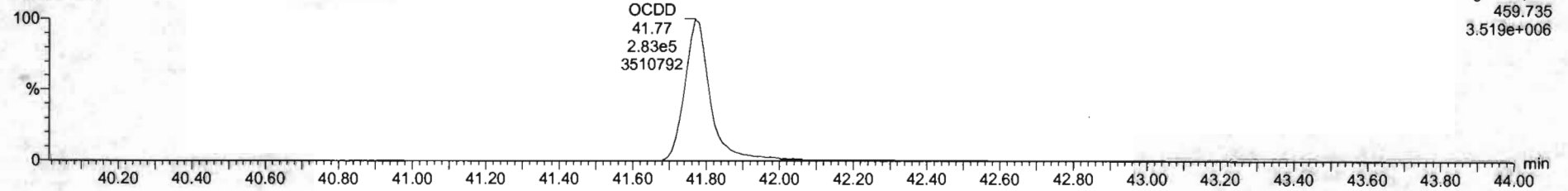
OCDD

200528R2_8



F5: Voltage SIR, EI+
457.738
3.099e+006

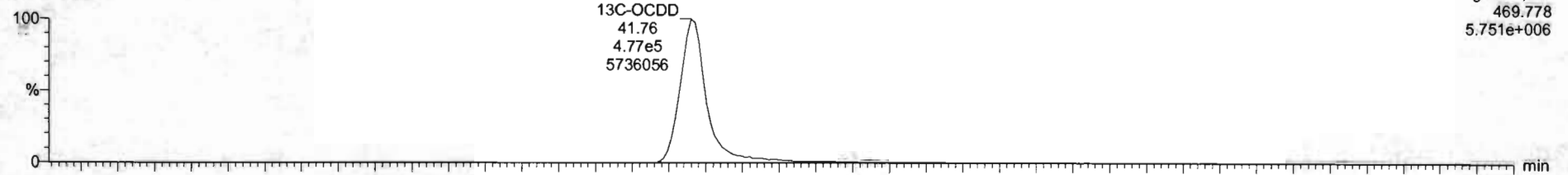
200528R2_8



F5: Voltage SIR, EI+
459.735
3.519e+006

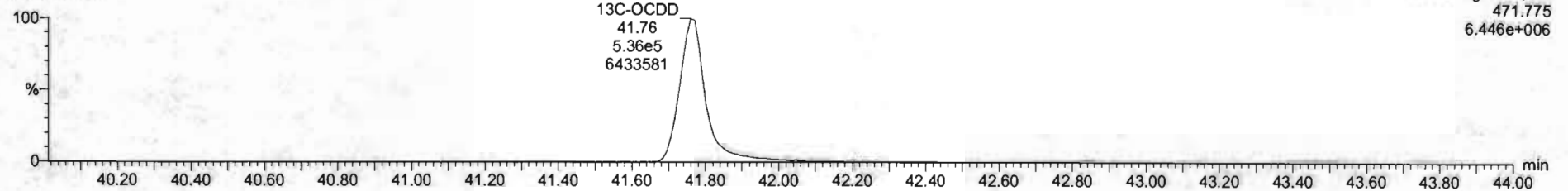
13C-OCDD

200528R2_8



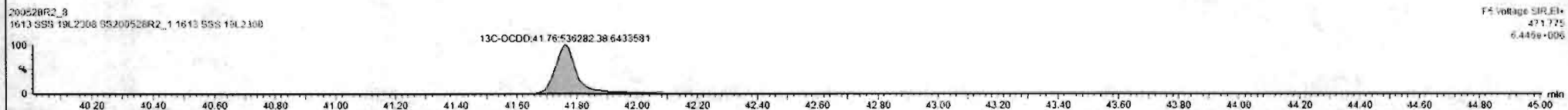
F5: Voltage SIR, EI+
469.778
5.751e+006

200528R2_8



F5: Voltage SIR, EI+
471.775
6.446e+006

Name	Resp	RA	dy	RRF	wtVol	RT	RRT	Conc	%Rec	OL	EMPC
1 2,3,7,8-TCDD	1.24e5	0.78	NO	0.8863	1.000	26.57	1.001	11.1	111	0.0252	11.1
2 1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.9081	1.000	31.51	1.000	58.4	113	0.0622	56.1
3 1,2,3,4,7,8-HxCDD	2.86e5	1.22	NO	1.0334	1.000	34.88	1.000	56.0	116	0.101	58.0
4 1,2,3,6,7,8-HxCDD	4.38e5	1.22	NO	0.8923	1.000	34.99	1.000	58.0	116	0.105	56.8
5 1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8265	1.000	35.26	1.000	57.1	114	0.119	57.1
6 1,2,3,4,6,7,8-HpCDD	2.67e5	1.03	NO	0.8639	1.000	36.60	1.000	55.6	112	0.168	58.6
7 OCDD	5.15e5	0.88	NO	0.9138	1.000	41.78	1.001	111	111	0.171	111
8 2,3,7,8-TCDF	1.46e5	0.75	NO	0.7510	1.000	25.88	1.001	11.4	114	0.0333	11.4
9 1,2,3,7,8-PeCDF	6.77e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	111	0.0642	55.7
10 2,3,4,7,8-PeCDF	7.62e5	1.54	NO	0.9348	1.000	31.21	1.000	62.1	124	0.0853	62.1
11 1,2,3,4,7,8-HxCDF	4.38e5	1.19	NO	0.8545	1.000	33.99	1.000	58.9	115	0.114	58.9
12 1,2,3,6,7,8-HxCDF	5.11e5	1.18	NO	0.8852	1.000	34.12	1.000	59.1	115	0.100	59.1
13 2,3,4,6,7,8-HxCDF	4.54e5	1.21	NO	0.9341	1.000	34.21	1.000	57.2	114	0.117	57.2
14 1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8707	1.000	35.62	1.000	55.3	111	0.174	55.3
15 1,2,3,4,6,7,8-HpCDF	3.18e5	1.01	NO	0.8734	1.000	37.40	1.000	58.9	118	0.186	58.9
16 1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0128	1.000	39.34	1.000	59.2	119	0.193	59.2
17 OCDF	5.22e5	0.87	NO	0.8065	1.000	41.96	1.000	114	114	0.201	114
18 13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.1563	1.000	26.54	1.025	91.9	91.9	0.0627	
19 13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8490	1.000	31.50	1.216	86.5	88.5	0.117	
20 13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	34.87	1.014	86.6	88.6	0.180	
21 13C-1,2,3,6,7,8-HxCDD	6.41e5	1.26	NO	1.0167	1.000	34.97	1.017	88.7	88.7	0.138	



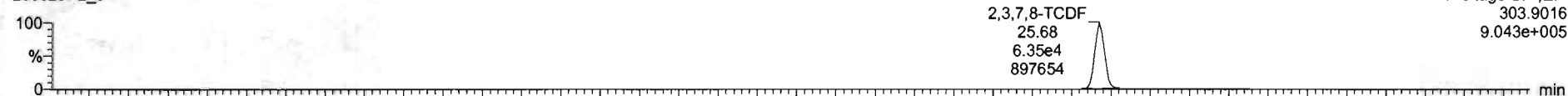
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

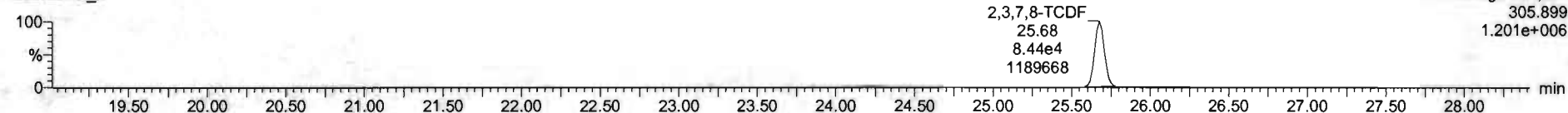
2,3,7,8-TCDF

200528R2_8



F1:Voltage SIR,EI+
303.9016
9.043e+005

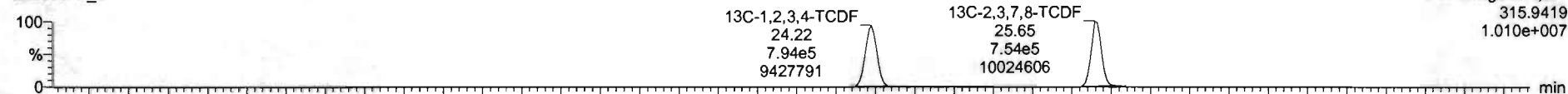
200528R2_8



F1:Voltage SIR,EI+
305.899
1.201e+006

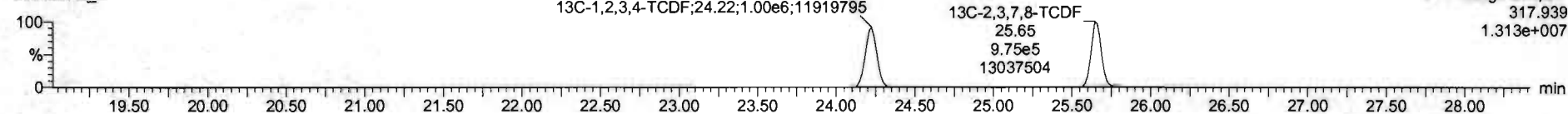
13C-2,3,7,8-TCDF

200528R2_8



F1:Voltage SIR,EI+
315.9419
1.010e+007

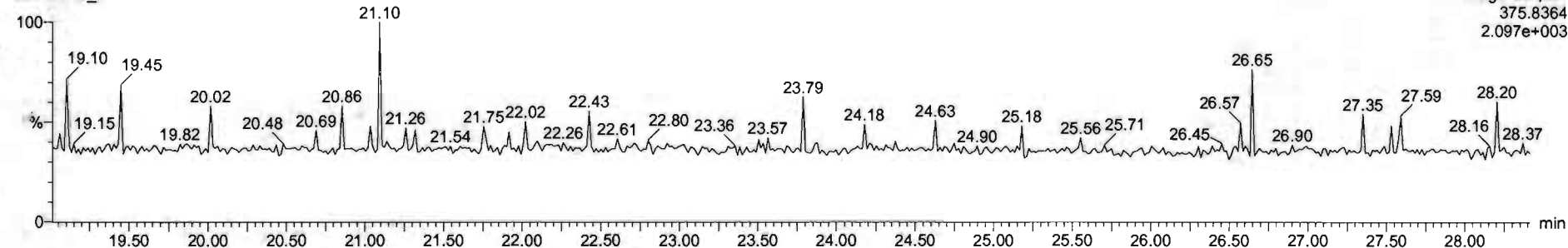
200528R2_8



F1:Voltage SIR,EI+
317.939
1.313e+007

DPE1

200528R2_8



F1:Voltage SIR,EI+
375.8364
2.097e+003

Dataset: Untitled

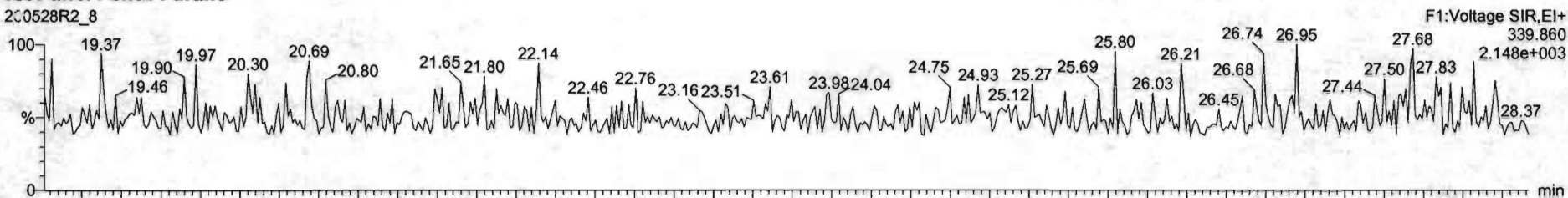
Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time

Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

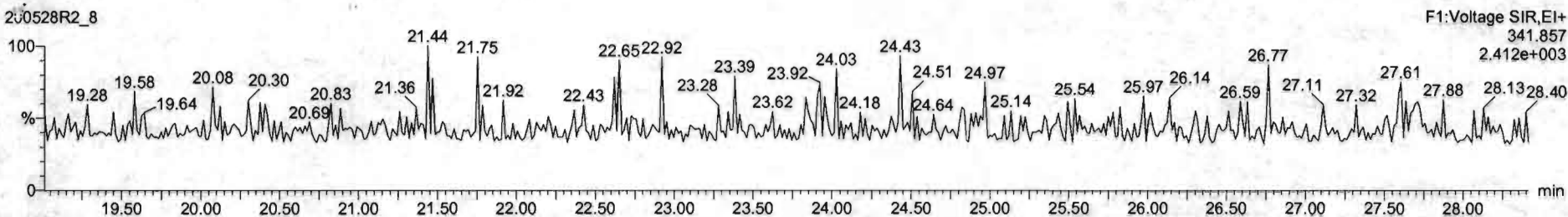
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

1st Func. Penta-Furans

200528R2_8

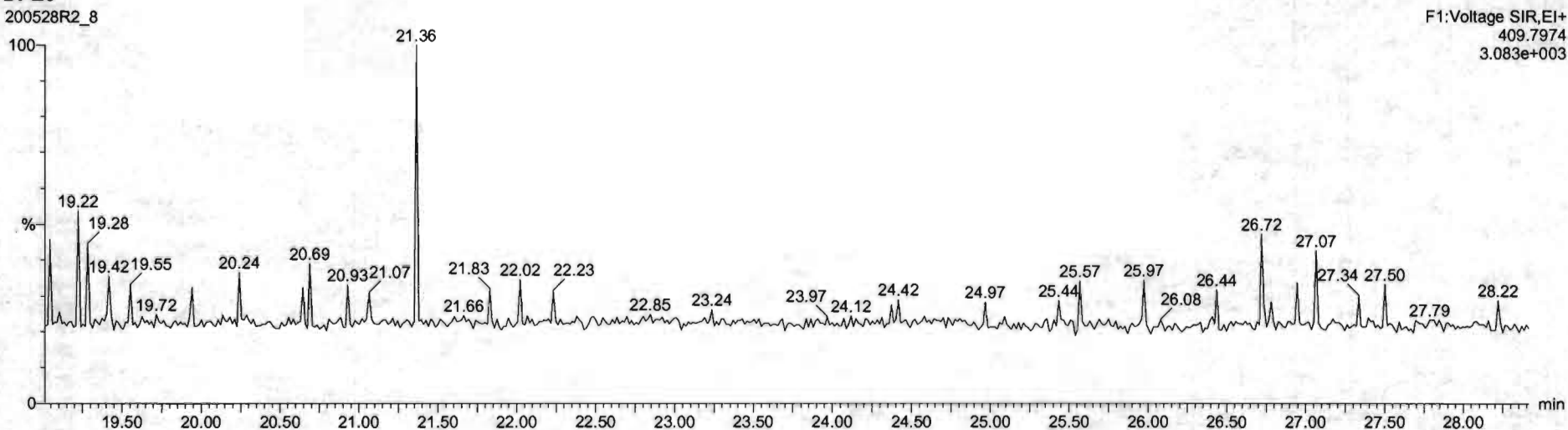


200528R2_8



DPE6

200528R2_8



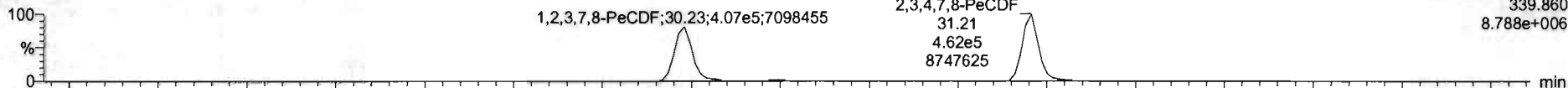
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

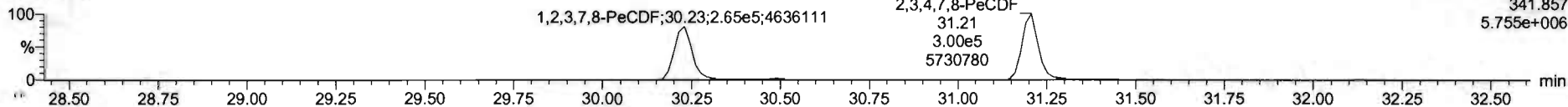
1,2,3,7,8-PeCDF

200528R2_8



F2:Voltage SIR,EI+
339.860
8.788e+006

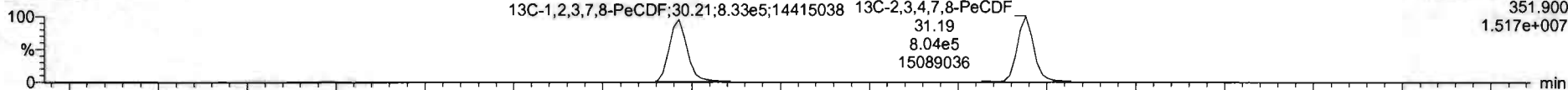
200528R2_8



F2:Voltage SIR,EI+
341.857
5.755e+006

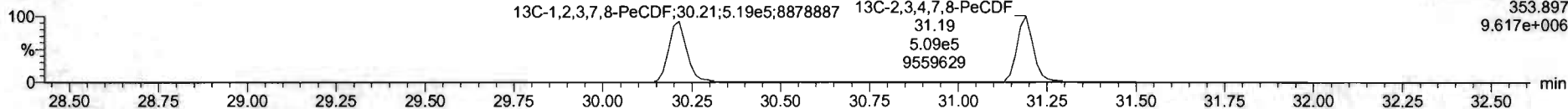
13C-1,2,3,7,8-PeCDF

200528R2_8



F2:Voltage SIR,EI+
351.900
1.517e+007

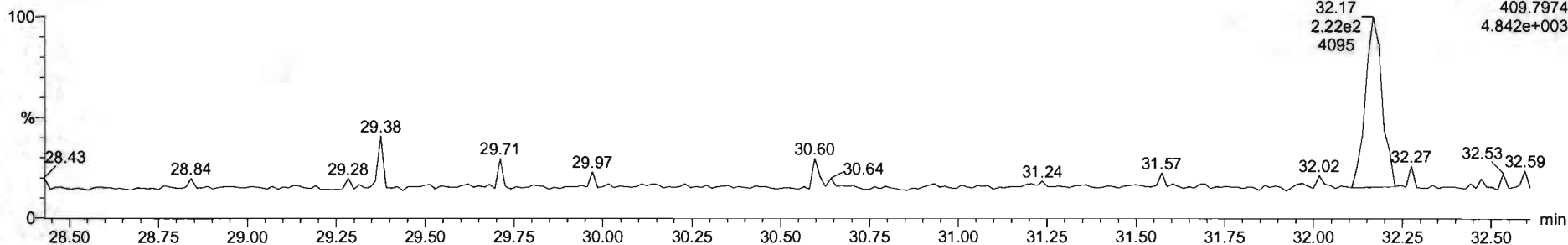
200528R2_8



F2:Voltage SIR,EI+
353.897
9.617e+006

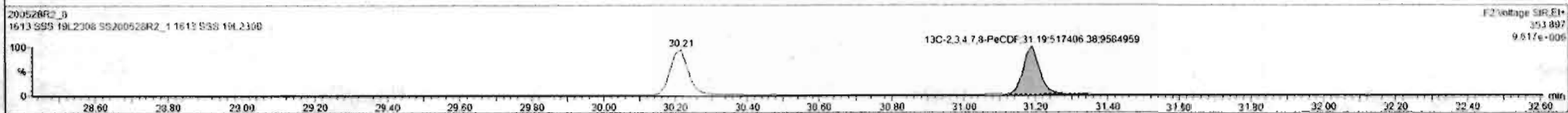
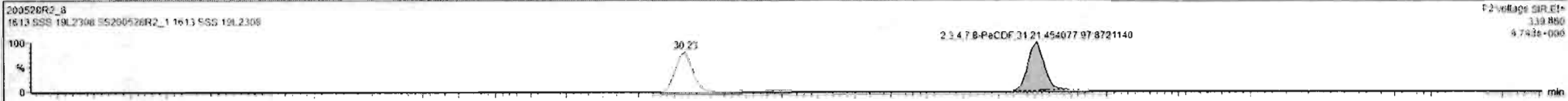
DPE2

200528R2_8



F2:Voltage SIR,EI+
409.7974
4.842e+003

Name	Resp	RA	nly	RRF	wtvol	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.24e5	0.76	NO	0.8883	1.000	26.57	1.001	11.1	111	0.0262	11.1
2 1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.9081	1.000	31.51	1.000	56.4	113	0.0622	56.4
3 1,2,3,4,7,8-HxCDD	2.86e5	1.22	NO	1.0334	1.000	34.85	1.000	56.0	116	0.101	56.0
4 1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.8925	1.000	34.99	1.000	58.0	116	0.105	56.0
5 1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8264	1.000	35.05	1.000	57.1	114	0.119	57.1
6 1,2,3,4,6,7,8-HpCDD	2.87e5	1.02	NO	0.8639	1.000	36.80	1.000	55.8	112	0.168	55.8
7 OCDD	5.15e5	0.38	NO	0.9136	1.000	41.75	1.001	111	111	0.171	111
8 2,3,7,8-TCDF	1.48e5	0.75	NO	0.7510	1.000	25.68	1.001	11.4	114	0.0323	11.4
9 1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.8925	1.000	20.23	1.001	55.7	111	0.0947	55.7
10 2,3,4,7,8-PeCDF	7.50e5	1.54	NO	0.9348	1.000	31.21	1.000	60.2	120	0.0851	60.2
11 1,2,3,4,7,8-HxCDF	4.36e5	1.19	NO	0.8845	1.000	23.99	1.000	58.9	118	0.114	56.9
12 1,2,3,6,7,8-HxCDF	5.11e5	1.18	NO	0.8852	1.000	34.12	1.000	59.1	118	0.108	59.1
13 2,3,4,6,7,8-HxCDF	4.54e5	1.21	NO	0.9341	1.000	34.71	1.000	57.2	114	0.117	57.2
14 1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8707	1.000	35.62	1.000	55.3	111	0.174	55.3
15 1,2,3,4,6,7,8-HpCDF	3.18e5	1.01	NO	0.8734	1.000	37.40	1.000	58.9	118	0.186	58.9
16 1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0128	1.000	39.34	1.000	59.2	118	0.198	59.2
17 OCDF	5.22e5	0.87	NO	0.8085	1.000	41.96	1.000	114	114	0.201	114
18 13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.1563	1.000	26.54	1.025	91.9	91.9	0.0837	
19 13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8450	1.000	31.50	1.216	88.5	88.5	0.117	
20 13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	24.87	1.014	86.6	86.6	0.180	
21 13C-1,2,3,6,7,8-HxCDD	6.41e5	1.26	NO	1.0167	1.000	34.97	1.017	88.7	88.7	0.128	



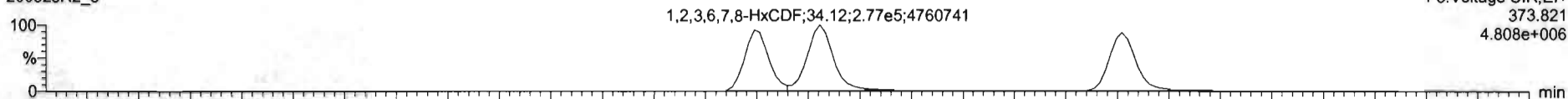
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

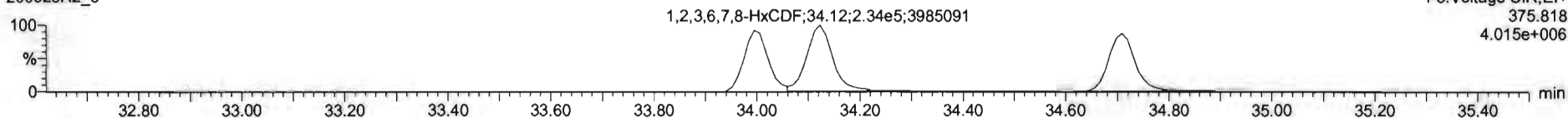
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

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

200528R2_8

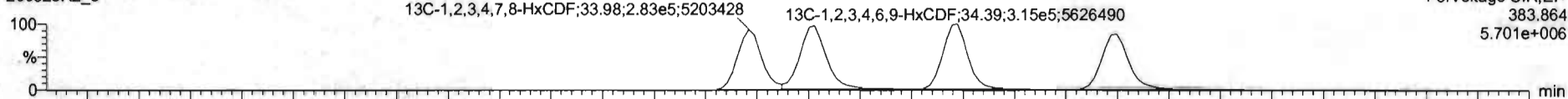


200528R2_8

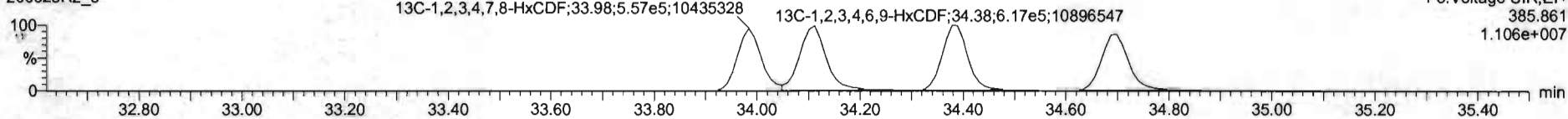


13C-1,2,3,4,7,8-HxCDF

200528R2_8

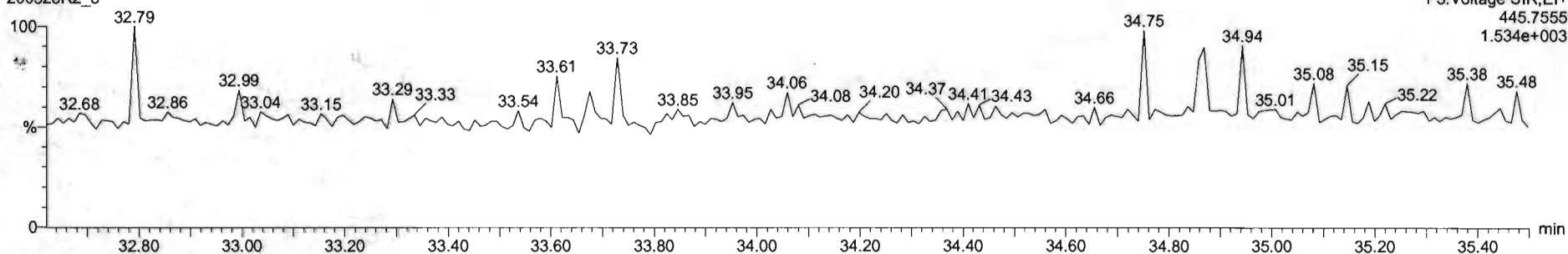


200528R2_8

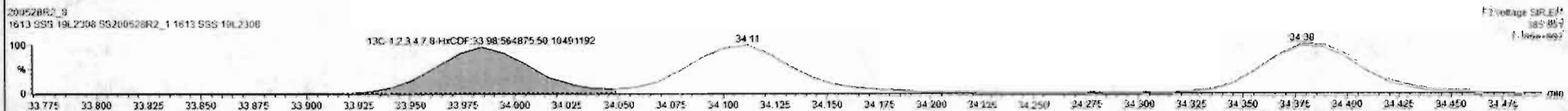
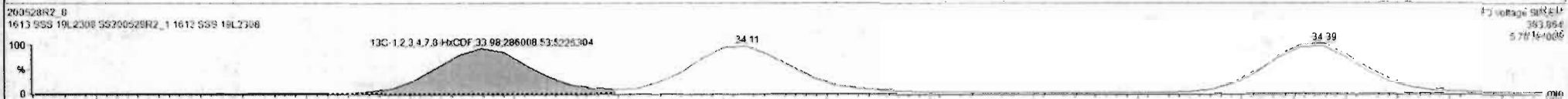
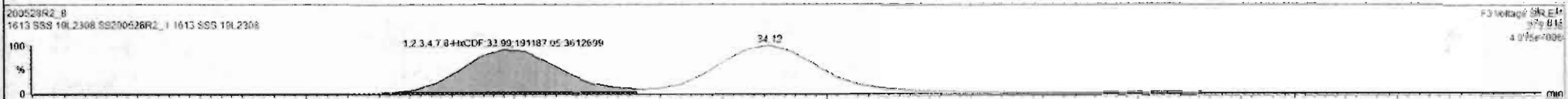
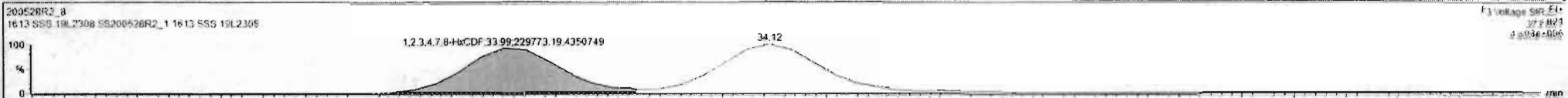


DPE3

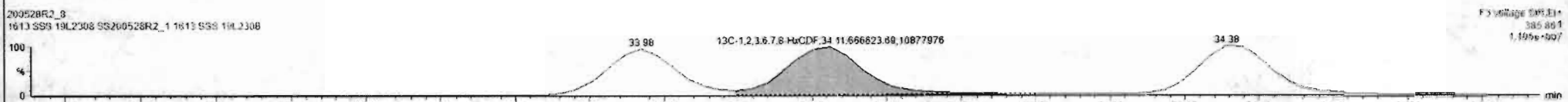
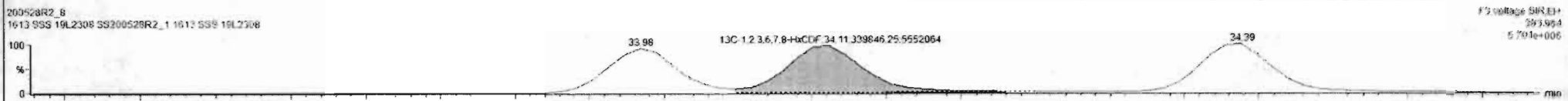
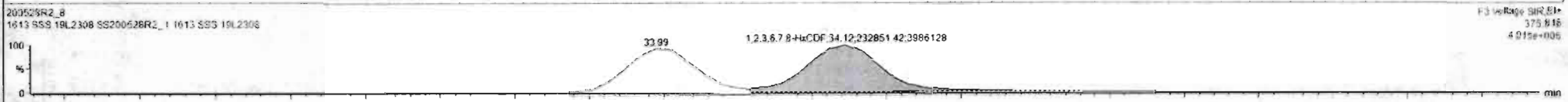
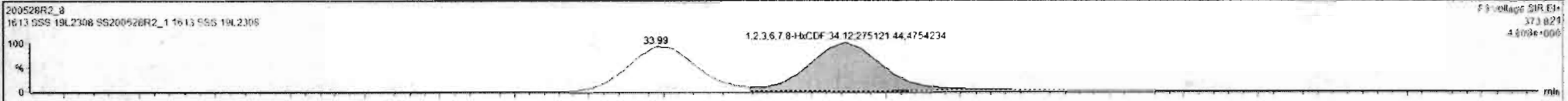
200528R2_8



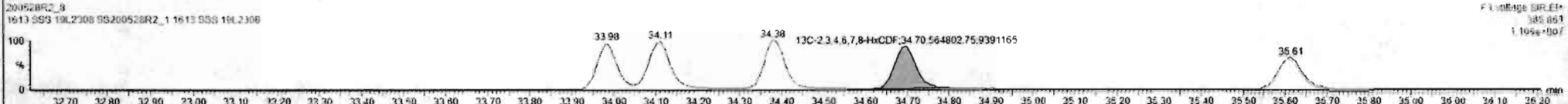
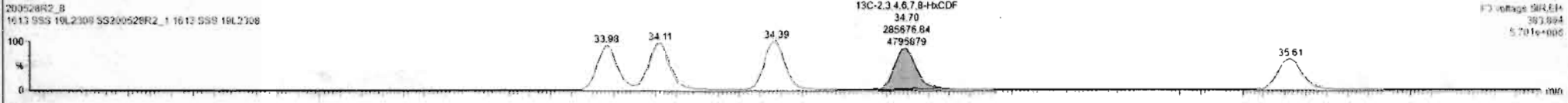
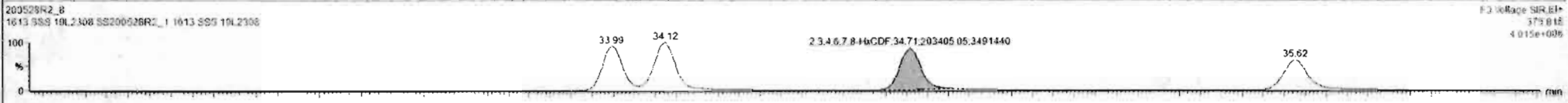
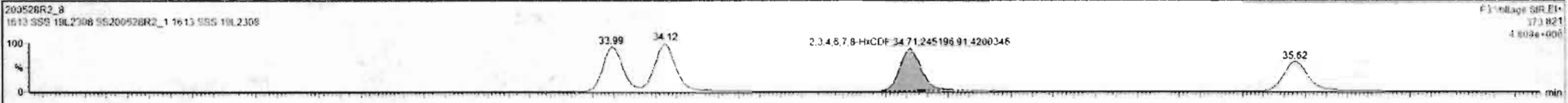
Name	Resp	RA	nly	RRF	wVal	RT	RRT	Conc	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.24e5	0.76	NO	0.8863	1.000	26.57	1.001	11.1	111	0.0262	11.1
2 1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.8981	1.000	31.51	1.000	56.4	113	0.0622	56.4
3 1,2,3,4,7,8-HxCDD	3.26e5	1.22	NO	1.0334	1.000	24.86	1.000	56.0	116	0.1011	56.0
4 1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.8929	1.000	24.99	1.000	58.0	116	0.105	56.0
5 1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8869	1.000	25.26	1.000	57.1	114	0.119	57.1
6 1,2,3,4,6,7,8-HpCDD	2.67e5	1.03	NO	0.8839	1.000	25.50	1.000	55.6	112	0.168	55.6
7 OCDD	5.15e5	0.68	NO	0.9136	1.000	41.75	1.001	111	111	0.171	111
8 2,3,7,8-TCDF	1.48e5	0.75	NO	0.7519	1.000	25.65	1.001	11.4	114	0.0333	11.4
9 1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	111	0.0942	55.7
10 1,2,3,4,7,8-HxCDF	7.50e5	1.54	NO	0.9346	1.000	21.21	1.000	60.2	120	0.0851	60.2
11 1,2,3,4,7,8-HxCDF	4.21e5	1.20	NO	0.8845	1.000	23.99	1.000	55.9	112	0.113	55.9
12 1,2,3,6,7,8-HxCDF	5.11e5	1.18	NO	0.8882	1.000	24.12	1.000	59.1	118	0.100	59.1
13 2,3,4,6,7,8-HxCDF	4.54e5	1.21	NO	0.9341	1.000	24.71	1.000	57.2	114	0.117	57.2
14 1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8707	1.000	25.62	1.000	55.3	111	0.174	55.3
15 1,2,3,4,5,7,8-HpCDF	3.16e5	1.01	NO	0.8734	1.000	27.40	1.000	58.9	118	0.186	58.9
16 1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0120	1.000	39.34	1.000	59.2	118	0.199	59.2
17 OCDF	5.22e5	0.87	NO	0.8085	1.000	41.96	1.000	114	114	0.201	114
18 13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.1563	1.000	26.54	1.025	91.9	91.9	0.0837	
19 13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8450	1.000	31.50	1.216	86.5	88.5	0.117	
20 13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	24.87	1.014	85.6	88.6	0.160	
21 13C-1,2,3,6,7,8-HxCDD	6.41e5	1.36	NO	1.0187	1.000	24.97	1.017	88.7	88.7	0.128	



Name	Reap	RA	n/y	RRF	wtVol	RT	RRT	Conc.	%Rec	DL	EMPC
1 2,3,7,8-TCDD	1.24e5	0.76	NO	0.8863	1.000	26.67	1.001	11.1	111	0.0262	11.1
2 1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.9081	1.000	31.53	1.000	56.4	113	0.0622	56.4
3 1,2,3,4,7,8-HxCDD	3.86e5	1.22	NO	1.0334	1.000	34.86	1.000	56.0	116	0.101	56.0
4 1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.8973	1.000	34.99	1.000	58.0	116	0.105	58.0
5 1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8969	1.000	35.26	1.000	57.1	114	0.119	57.1
6 1,2,3,4,5,7,8-HpCDD	2.67e5	1.02	NO	0.8639	1.000	36.60	1.000	55.6	112	0.168	55.6
7 OCDD	5.15e5	0.88	NO	0.9136	1.000	41.78	1.001	111	111	0.171	111
8 2,3,7,8-TCDF	1.48e5	0.75	NO	0.7510	1.000	25.68	1.001	11.4	114	0.0333	11.4
9 1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	111	0.0542	55.7
10 1,2,3,7,8,9-HxCDF	7.50e5	1.54	NO	0.9348	1.000	21.21	1.000	60.2	120	0.0851	60.2
11 1,2,3,4,7,8-HxCDF	4.21e5	1.20	NO	0.6845	1.000	23.99	1.000	55.9	112	0.113	55.9
12 1,2,3,6,7,8-HxCDF	5.06e5	1.18	NO	0.6892	1.000	34.12	1.000	56.3	114	0.127	56.3
13 2,3,4,6,7,8-HxCDF	4.54e5	1.21	NO	0.9341	1.000	34.71	1.000	57.2	114	0.117	57.2
14 1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8707	1.000	35.62	1.000	55.3	111	0.174	55.3
15 1,2,3,4,5,7,8-HpCDF	3.18e5	1.01	NO	0.8734	1.000	37.40	1.000	58.9	118	0.186	58.9
16 1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0128	1.000	39.34	1.000	59.2	118	0.198	59.2
17 OCDF	5.22e5	0.87	NO	0.8085	1.000	41.96	1.000	114	114	0.201	114
18 13C-2,3,7,8-TCDD	1.76e6	0.79	NO	1.1563	1.000	26.54	1.025	91.9	91.5	0.0837	
19 13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8450	1.000	31.50	1.216	88.5	88.5	0.117	
20 13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	34.87	1.014	86.6	86.6	0.180	
21 13C-1,2,3,6,7,8-HxCDD	6.41e5	1.26	NO	1.0167	1.000	34.97	1.017	88.7	88.7	0.136	



SL	Name	Resp	RA	Adj	RFI	WVol	RT	RRT	Conc	%Rec	DL	EMFC
1	2,3,7,8-TCDD	1.24e5	0.78	NO	0.8883	1.000	28.57	1.001	11.1	111	0.0262	11.1
2	1,2,3,7,8-PeCDD	4.57e5	0.62	NO	0.9081	1.000	31.51	1.000	58.4	113	0.0622	56.4
3	1,2,3,4,7,8-HxCDD	3.66e5	1.22	NO	1.0314	1.000	34.88	1.000	56.0	116	0.101	58.0
4	1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.8923	1.000	34.99	1.000	58.0	116	0.100	58.0
5	1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8869	1.000	35.26	1.000	57.1	114	0.119	57.1
6	1,2,3,4,6,7,8-HpCDD	2.67e5	1.93	NO	0.9039	1.000	38.80	1.000	55.8	112	0.160	55.8
7	OCDD	5.15e5	0.88	NO	0.9136	1.000	41.78	1.001	111	111	0.171	111
8	2,3,7,8-TCDF	1.48e5	0.75	NO	0.7510	1.000	25.66	1.001	11.4	114	0.0333	11.4
9	1,2,3,7,8-PeCDF	6.72e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	111	0.0942	55.7
10	1,2,3,4,7,8-HxCDF	7.50e5	1.54	NO	0.9148	1.000	31.21	1.000	60.2	120	0.0851	60.2
11	1,2,3,4,7,8-HxCDF	4.21e5	1.20	NO	0.8545	1.000	33.99	1.000	55.9	112	0.113	55.9
12	1,2,3,6,7,8-HxCDF	5.06e5	1.16	NO	0.8262	1.000	34.12	1.000	56.8	114	0.107	56.8
13	2,3,4,6,7,8-HxCDF	4.49e5	1.21	NO	0.9341	1.000	34.71	1.000	56.5	113	0.117	56.5
14	1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8797	1.000	35.62	1.000	55.3	111	0.174	55.3
15	1,2,3,4,6,7,8-HpCDF	3.18e5	1.01	NO	0.8734	1.000	37.40	1.000	58.9	118	0.196	58.9
16	1,2,3,4,7,8,9-HpCDF	2.44e5	1.00	NO	1.0128	1.000	39.34	1.000	59.2	118	0.198	59.2
17	OCDF	5.22e5	0.87	NO	0.8085	1.000	41.96	1.000	114	114	0.201	114
18	13C-2,3,7,8-TCDD	1.26e6	0.75	NO	1.1563	1.000	28.54	1.025	91.9	91.9	0.0637	
19	13C-1,2,3,7,8-PeCDD	8.92e5	0.84	NO	0.8490	1.000	31.50	1.216	88.5	88.5	0.117	
20	13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	34.87	1.014	86.6	86.6	0.180	
21	13C-1,2,3,6,7,8-HxCDD	6.41e5	1.26	NO	1.0167	1.000	34.97	1.017	88.7	88.7	0.136	



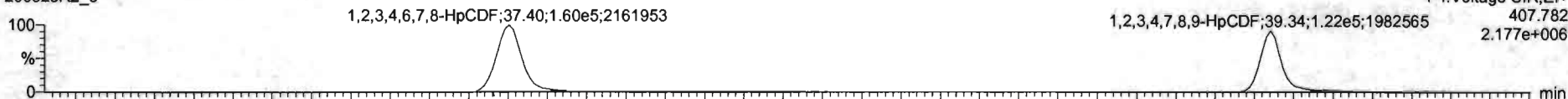
Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

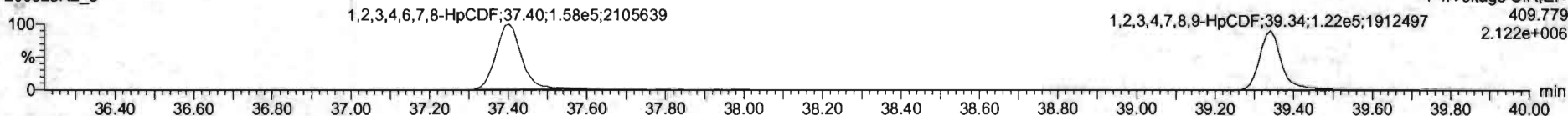
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

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

200528R2_8



200528R2_8

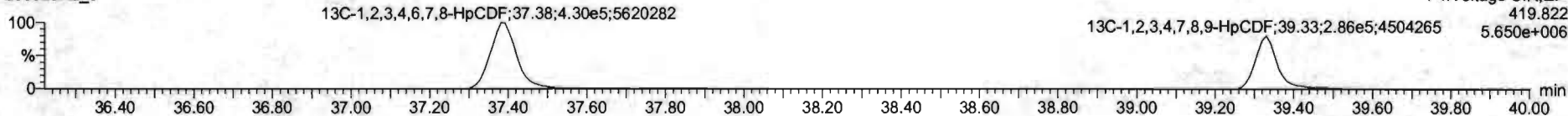


13C-1,2,3,4,6,7,8-HpCDF

200528R2_8

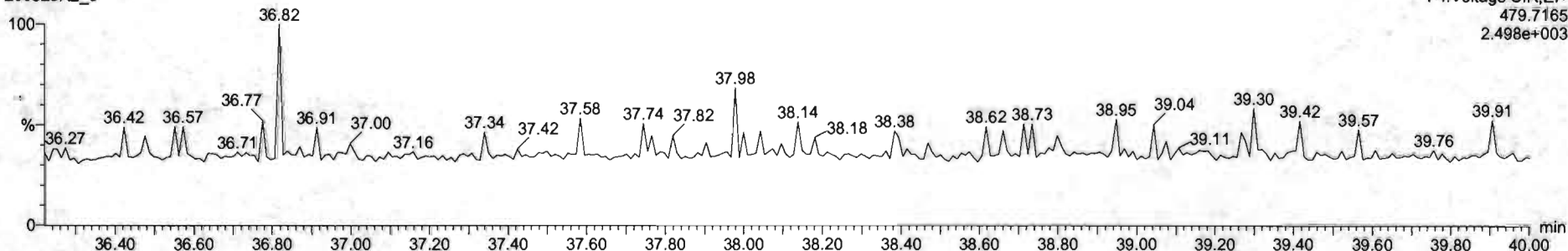


200528R2_8

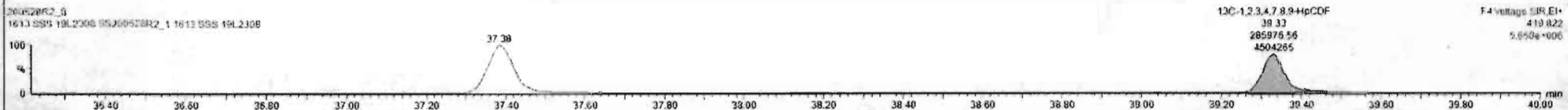
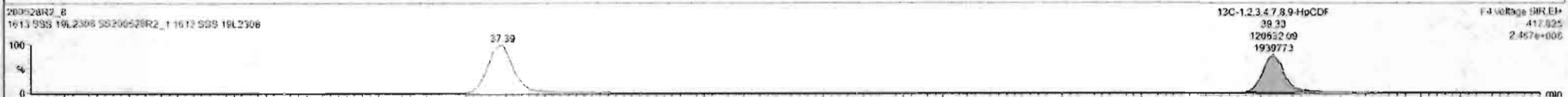


DPE4

200528R2_8



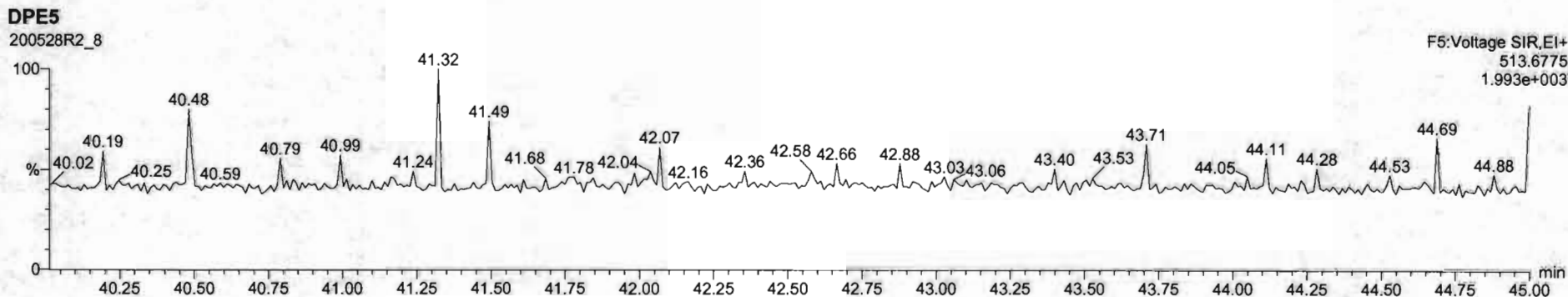
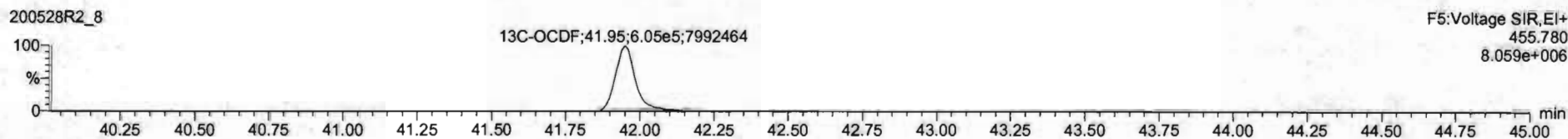
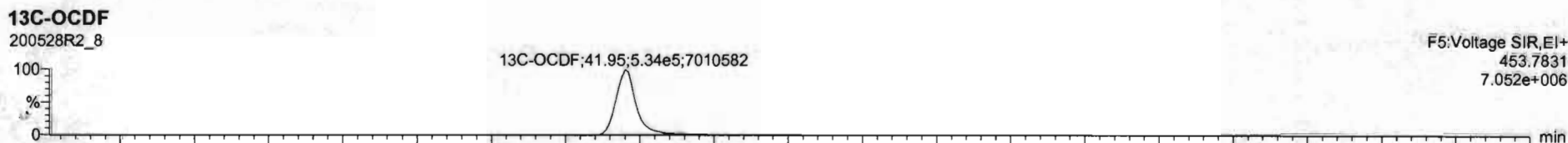
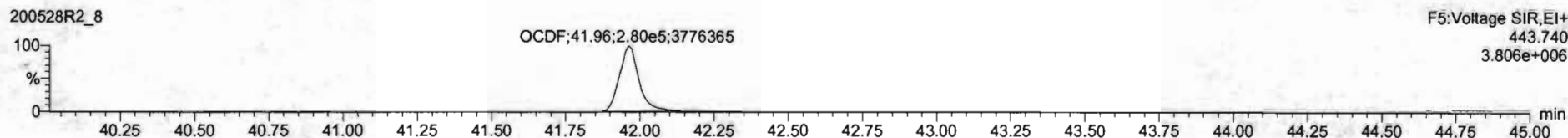
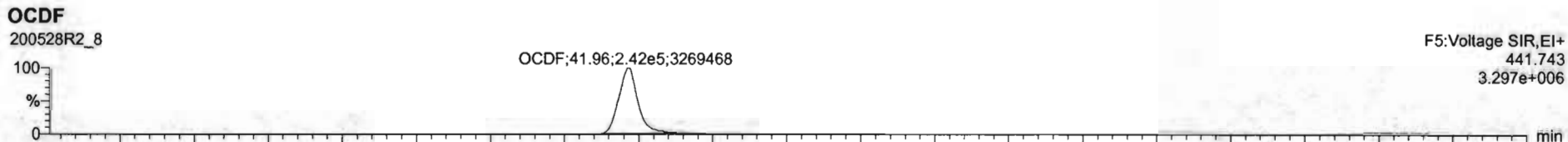
SL	Name	Resp	RA	nfy	RRF	wVol	RT	RRT	Conc	%Rec	DL	EMPC
1	2,3,7,8-TCDD	1.24e5	0.76	NO	0.8883	1.000	26.57	1.001	11.1	111	0.0262	11.1
2	1,2,3,7,8-PeCDD	4.57e5	0.82	NO	0.9081	1.000	31.01	1.000	58.4	113	0.0622	56.1
3	1,2,3,4,7,8-HxCDD	2.56e5	1.22	NO	1.0334	1.000	24.86	1.000	58.0	116	0.101	56.0
4	1,2,3,6,7,8-HxCDD	4.35e5	1.22	NO	0.8925	1.000	24.99	1.000	58.0	116	0.105	56.0
5	1,2,3,7,8,9-HxCDD	3.74e5	1.23	NO	0.8265	1.000	26.26	1.000	57.1	114	0.119	57.1
6	1,2,3,4,6,7,8-HpCDD	2.61e5	1.03	NO	0.8639	1.000	26.60	1.000	55.6	112	0.168	55.6
7	OCDD	5.15e5	0.88	NO	0.9136	1.000	41.78	1.001	111	111	0.171	111
8	2,3,7,8-TCDF	1.48e5	0.75	NO	0.7510	1.000	25.68	1.001	11.4	114	0.0303	11.4
9	1,2,3,7,8-PeCDF	4.72e5	1.54	NO	0.8925	1.000	30.23	1.001	55.7	111	0.0642	55.7
10	2,3,4,7,8-PeCDF	7.58e5	1.54	NO	0.9346	1.000	31.21	1.000	50.2	126	0.0851	60.2
11	1,2,2',4',7,8-HxCDF	4.21e5	1.20	NO	0.8545	1.000	33.99	1.000	55.9	112	0.113	55.9
12	1,2,3,6,7,8-HxCDF	2.08e5	1.18	NO	0.8892	1.000	34.12	1.000	58.8	114	0.107	56.8
13	2,3,4,6,7,8-HxCDF	4.48e5	1.21	NO	0.9341	1.000	24.71	1.000	58.5	113	0.117	56.5
14	1,2,3,7,8,9-HxCDF	3.53e5	1.18	NO	0.8707	1.000	25.82	1.000	55.3	111	0.174	55.3
15	1,2,3,4,6,7,8-HpCDF	3.01e5	1.01	NO	0.8734	1.000	37.40	1.000	54.5	109	0.182	54.5
16	1,2,3,4,7,8,9-HpCDF	2.35e5	1.00	NO	1.0128	1.000	39.24	1.000	57.3	115	0.198	57.3
17	OCDF	5.27e5	0.67	NO	0.8065	1.000	41.96	1.000	114	114	0.201	114
18	13C-2,3,7,8-TCDD	1.26e6	0.79	NO	1.1563	1.000	26.54	1.025	91.9	91.9	0.0837	
19	13C-1,2,3,7,8-PeCDD	8.92e5	0.64	NO	0.8490	1.000	31.50	1.216	86.5	88.5	0.117	
20	13C-1,2,3,4,7,8-HxCDD	6.43e5	1.29	NO	0.7790	1.000	24.87	1.014	88.6	88.6	0.180	
21	13C-1,2,3,6,7,8-HxCDD	6.41e5	1.26	NO	1.0167	1.000	24.97	1.017	88.7	88.7	0.138	



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

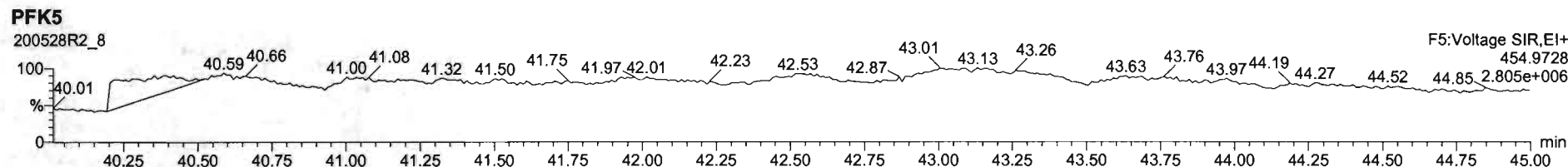
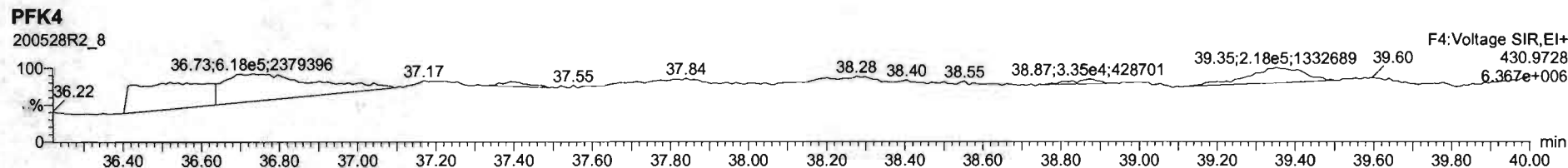
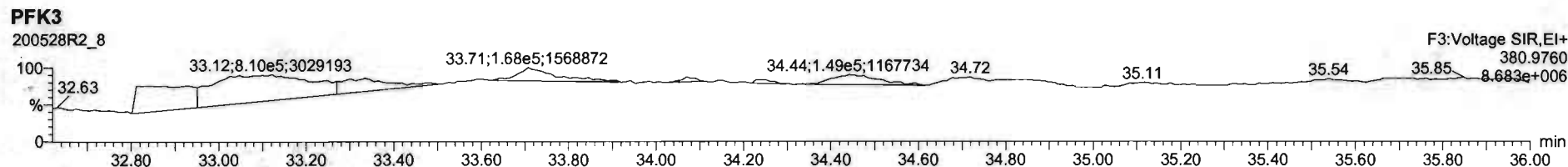
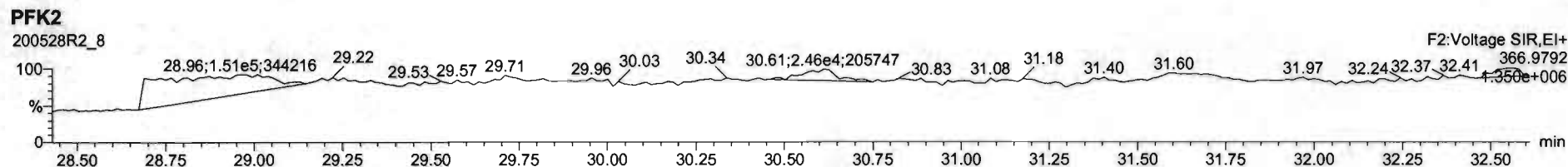
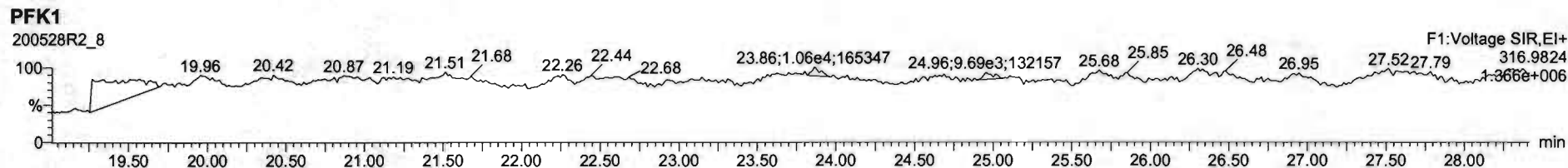
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308



Dataset: Untitled

Last Altered: Friday, May 29, 2020 7:38:11 AM Pacific Daylight Time
Printed: Friday, May 29, 2020 7:38:30 AM Pacific Daylight Time

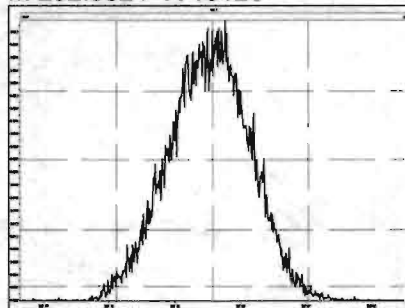
Name: 200528R2_8, Date: 28-May-2020, Time: 17:24:01, ID: SS200528R2_1 1613 SSS 19L2308, Description: 1613 SSS 19L2308



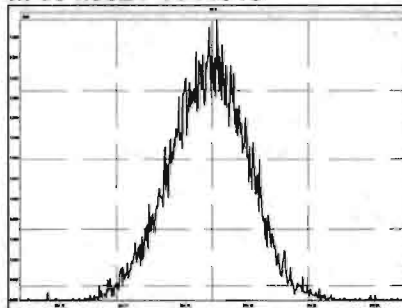
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Friday, May 29, 2020 07:19:01 Pacific Daylight Time

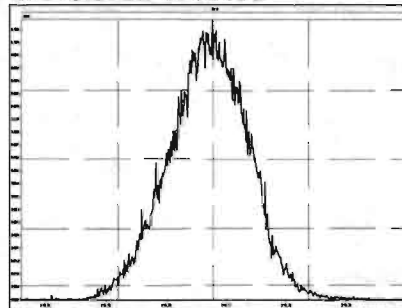
M 292.9824 R 10120



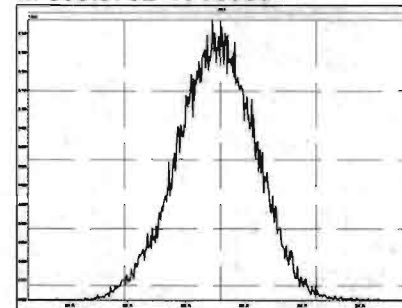
M 304.9824 R 11015



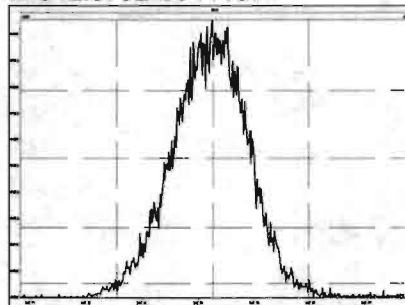
M 318.9792 R 10460



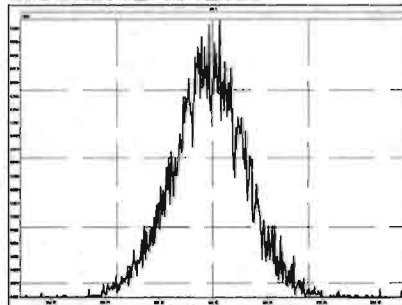
M 330.9792 R 10083



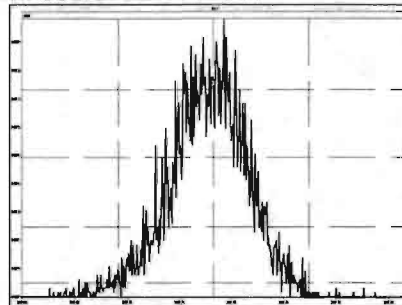
M 342.9792 R 11107



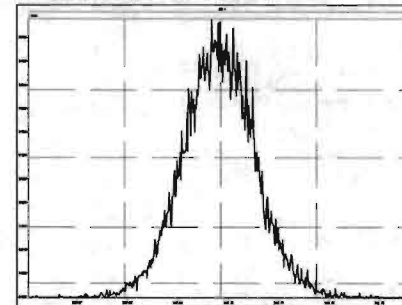
M 354.9792 R 12193



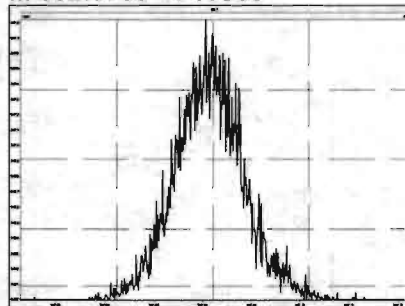
M 366.9792 R 12311



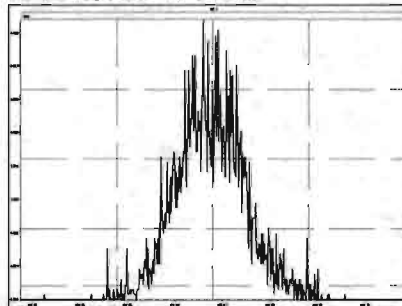
M 380.9760 R 11904



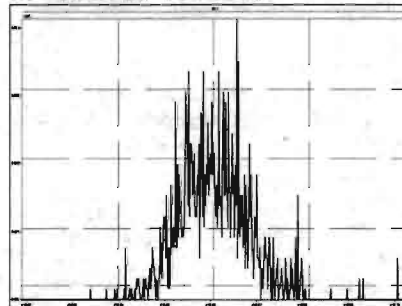
M 392.9760 R 13589



M 404.9760 R 14045



M 416.9760 R 18245



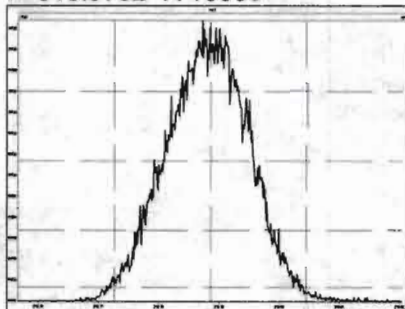
Experiment Calibration Report

MassLynx 4.1 SCN815

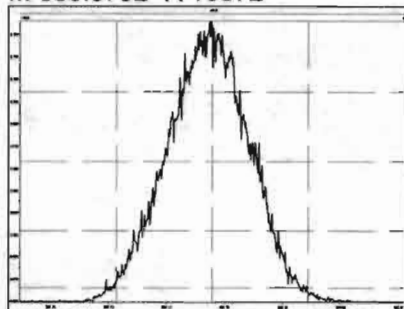
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Friday, May 29, 2020 07:19:21 Pacific Daylight Time

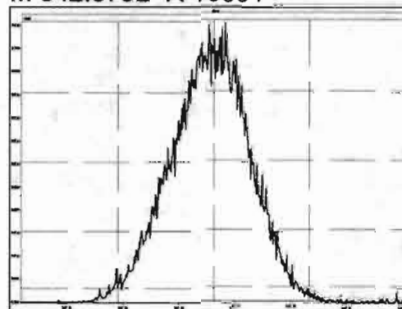
M 318.9792 R 10000



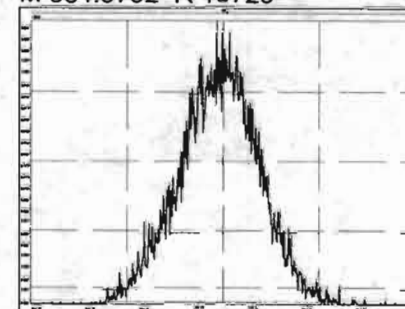
M 330.9792 R 10372



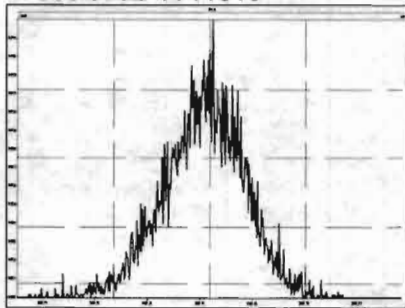
M 342.9792 R 10001



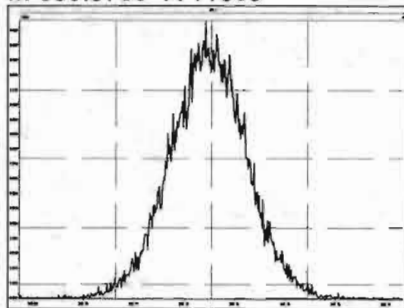
M 354.9792 R 10729



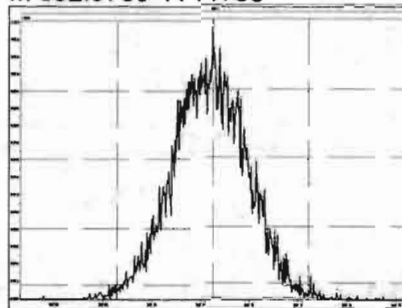
M 366.9792 R 11015



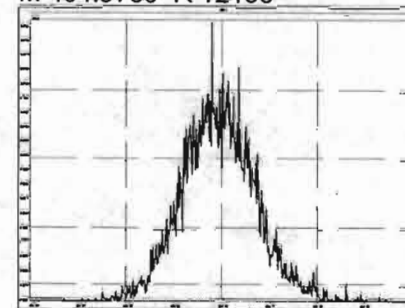
M 380.9760 R 11009



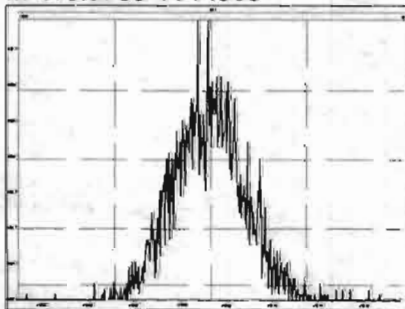
M 392.9760 R 11735



M 404.9760 R 12196



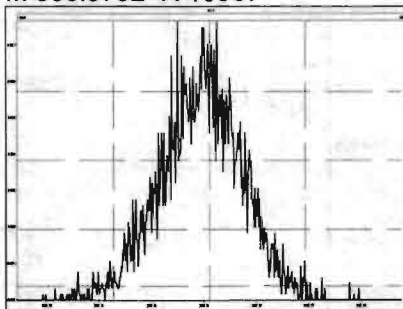
M 416.9760 R 14968



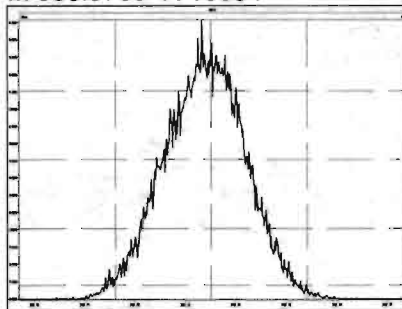
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Friday, May 29, 2020 07:19:38 Pacific Daylight Time

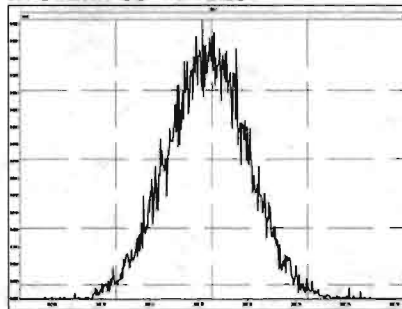
M 366.9792 R 10967



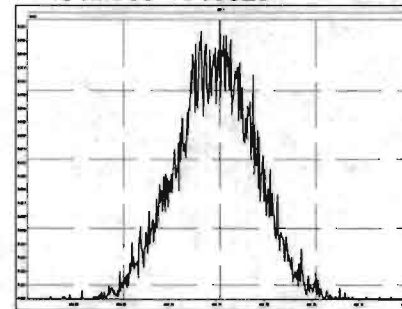
M 380.9760 R 10684



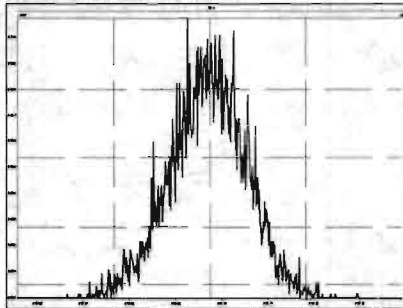
M 392.9760 R 10207



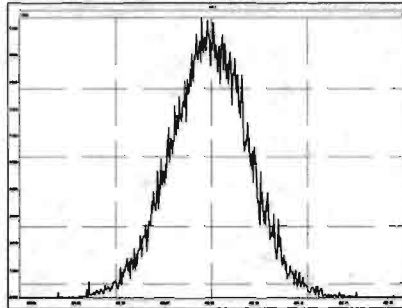
M 404.9760 R 10823



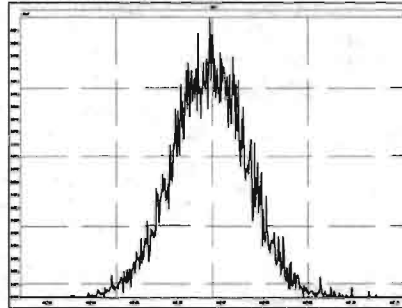
M 416.9760 R 11160



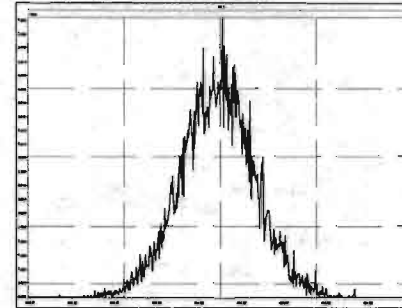
M 430.9728 R 11208



M 442.9728 R 12195



M 454.9728 R 10963



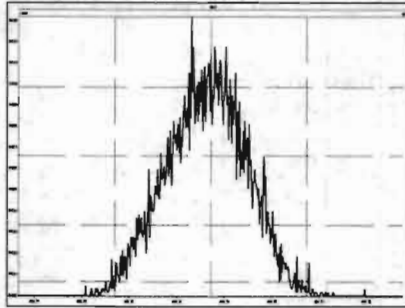
Experiment Calibration Report

MassLynx 4.1 SCN815

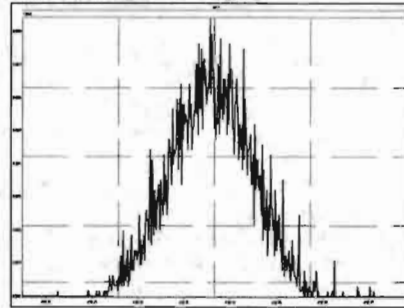
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Friday, May 29, 2020 07:19:53 Pacific Daylight Time

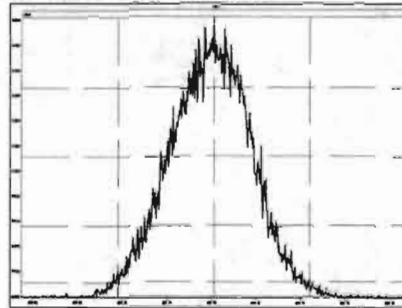
M 404.9760 R 10963



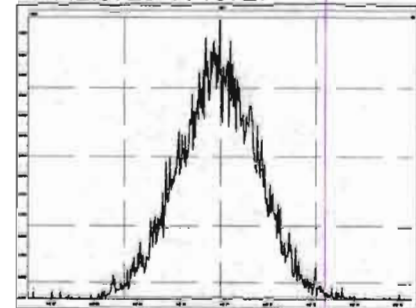
M 416.9760 R 10593



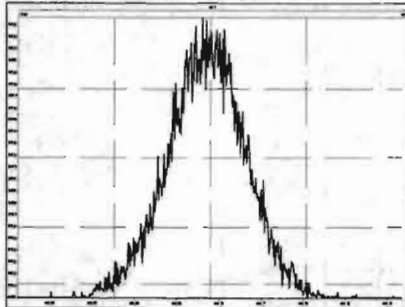
M 430.9728 R 10372



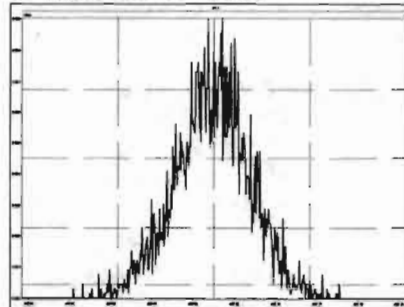
M 442.9728 R 10727



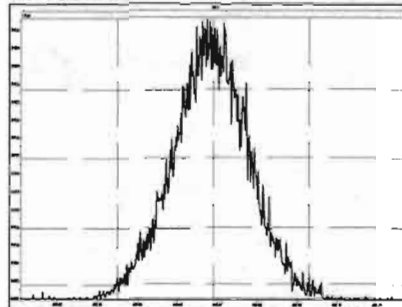
M 454.9728 R 11792



M 466.9728 R 12628



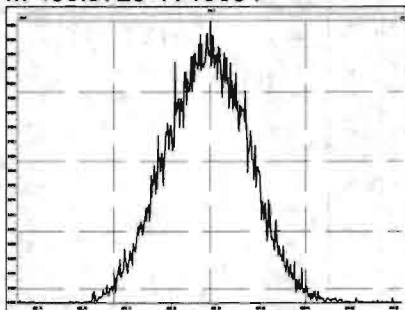
M 480.9696 R 11111



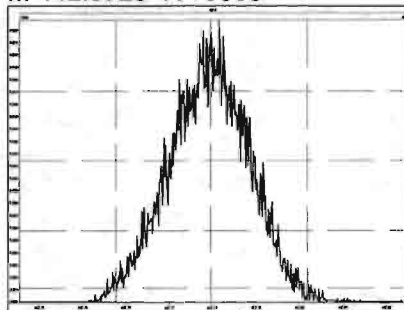
File: Experiment: OCDD_DB5.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Friday, May 29, 2020 07:20:18 Pacific Daylight Time

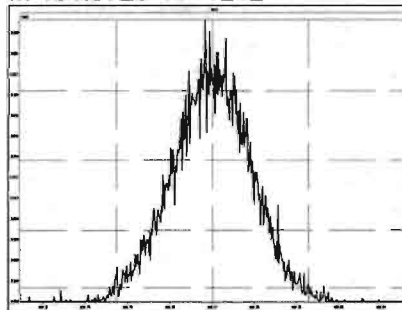
M 430.9728 R 10684



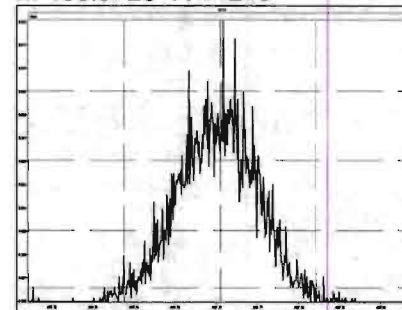
M 442.9728 R 10868



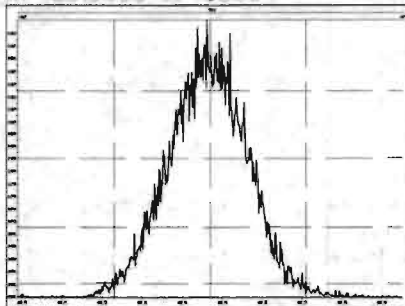
M 454.9728 R 11212



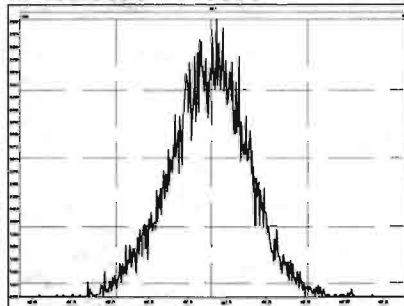
M 466.9728 R 11210



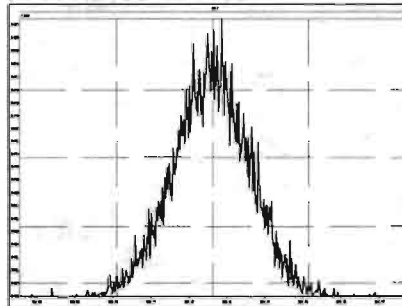
M 480.9696 R 10963



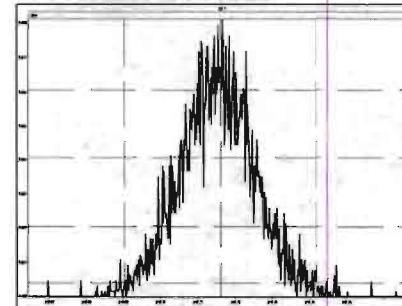
M 492.9696 R 10593



M 504.9696 R 11681



M 516.9697 R 11905



Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:35:39 Pacific Standard Time

DB 2/12/20 0102/12/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 10:17:56

Compound name: 2,3,7,8-TCDF

Response Factor: 0.9819

RRF SD: 0.0791981, Relative SD: 8.06581

Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Std. Conc	RA	n/y	RT	Resp	IS Resp	Conc.	RRF
1	1 200211D2_3	0.250	0.86	NO	17.23	3.04e2	1.39e5	0.223	0.876
2	2 200211D2_4	0.500	0.66	NO	17.22	6.08e2	1.13e5	0.549	1.08
3	3 200211D2_5	2.00	0.73	NO	17.23	2.63e3	1.30e5	2.06	1.01
4	4 200211D2_6	10.0	0.75	NO	17.23	1.15e4	1.25e5	9.33	0.916
5	5 200211D2_7	40.0	0.74	NO	17.23	5.76e4	1.51e5	39.0	0.957
6	6 200211D2_8	300	0.73	NO	17.23	4.81e5	1.52e5	321	1.05

Compound name: 13C-2,3,7,8-TCDF

Response Factor: 1.08271

RRF SD: 0.0939058, Relative SD: 8.67318

Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Std. Conc	RA	n/y	RT	Resp	IS Resp	Conc.	RRF
1	1 200211D2_3	100	0.72	NO	17.20	1.39e5	1.13e5	113	1.23
2	2 200211D2_4	100	0.71	NO	17.20	1.13e5	1.14e5	91.7	0.993
3	3 200211D2_5	100	0.71	NO	17.20	1.30e5	1.34e5	89.3	0.967
4	4 200211D2_6	100	0.75	NO	17.20	1.25e5	1.15e5	101	1.09
5	5 200211D2_7	100	0.71	NO	17.20	1.51e5	1.35e5	103	1.11
6	6 200211D2_8	100	0.72	NO	17.20	1.52e5	1.38e5	102	1.11

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:35:39 Pacific Standard Time

Compound name: 13C-1,2,3,4-TCDF

Response Factor: 1

RRF SD: 7.02167e-017, Relative SD: 7.02167e-015

Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Std. Conc	RA	n/y	RT	Resp	IS Resp	Conc.	RRF
1	1 200211D2_3	100	0.70	NO	15.17	1.13e5	1.13e5	100	1.00
2	2 200211D2_4	100	0.71	NO	15.18	1.14e5	1.14e5	100	1.00
3	3 200211D2_5	100	0.74	NO	15.17	1.34e5	1.34e5	100	1.00
4	4 200211D2_6	100	0.72	NO	15.17	1.15e5	1.15e5	100	1.00
5	5 200211D2_7	100	0.73	NO	15.17	1.35e5	1.35e5	100	1.00
6	6 200211D2_8	100	0.73	NO	15.17	1.38e5	1.38e5	100	1.00

Compound name: 13C-1,2,3,4-TCDD

Response Factor: 1026.38

RRF SD: 123.841, Relative SD: 12.0658

Response type: External Std, Area

Curve type: RF

	# Name	Std. Conc	RA	n/y	RT	Resp	IS Resp	Conc.	RRF
1	1 200211D2_3	100	0.79	NO	15.78	1.04e5		102	1040
2	2 200211D2_4	100	0.77	NO	15.78	8.57e4		83.5	857
3	3 200211D2_5	100	0.79	NO	15.78	9.44e4		92.0	944
4	4 200211D2_6	100	0.79	NO	15.78	9.87e4		96.1	987
5	5 200211D2_7	100	0.78	NO	15.78	1.13e5		110	1130
6	6 200211D2_8	100	0.78	NO	15.78	1.20e5		116	1200

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 10:17:56

Name: 200211D2_3, Date: 11-Feb-2020, Time: 21:00:36, ID: ST200211D2-1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

	# Name	Resp	RA	n/y	RRF M...	w/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	3.04e2	0.86	NO	0.982	1.000	17.23	0.22305	89.2	0.0931
2	2 13C-2,3,7,8-TCDF	1.39e5	0.72	NO	1.08	1.000	17.20	113.42	113	0.342
3	3 13C-1,2,3,4-TCDF	1.13e5	0.70	NO	1.00	1.000	15.17	100.00	100	0.371
4	4 13C-1,2,3,4-TCDD	1.04e5	0.79	NO	1030	1.000	15.78	101.65	102	0.291

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Name: 200211D2_4, Date: 11-Feb-2020, Time: 21:32:19, ID: ST200211D2-2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

	# Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	6.08e2	0.66	NO	0.982	1.000	17.22	0.54947	110	0.147
2	2 13C-2,3,7,8-TCDF	1.13e5	0.71	NO	1.08	1.000	17.20	91.711	91.7	0.381
3	3 13C-1,2,3,4-TCDF	1.14e5	0.71	NO	1.00	1.000	15.18	100.00	100	0.412
4	4 13C-1,2,3,4-TCDD	8.57e4	0.77	NO	1030	1.000	15.78	83.528	83.5	0.324

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Name: 200211D2_5, Date: 11-Feb-2020, Time: 22:04:03, ID: ST200211D2-3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

	# Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	2.63e3	0.73	NO	0.982	1.000	17.23	2.0631	103	0.121
2	2 13C-2,3,7,8-TCDF	1.30e5	0.71	NO	1.08	1.000	17.20	89.279	89.3	0.292
3	3 13C-1,2,3,4-TCDF	1.34e5	0.74	NO	1.00	1.000	15.17	100.00	100	0.316
4	4 13C-1,2,3,4-TCDD	9.44e4	0.79	NO	1030	1.000	15.78	92.007	92.0	0.336

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Name: 200211D2_6, Date: 11-Feb-2020, Time: 22:35:45, ID: ST200211D2-4 1613 CS3 19L2305, Description: 1613 CS3 19L2305

	# Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	1.15e4	0.75	NO	0.982	1.000	17.23	9.3257	93.3	0.185
2	2 13C-2,3,7,8-TCDF	1.25e5	0.75	NO	1.08	1.000	17.20	100.76	101	0.364
3	3 13C-1,2,3,4-TCDF	1.15e5	0.72	NO	1.00	1.000	15.17	100.00	100	0.394
4	4 13C-1,2,3,4-TCDD	9.87e4	0.79	NO	1030	1.000	15.78	96.149	96.1	0.331

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Name: 200211D2_7, Date: 11-Feb-2020, Time: 23:07:28, ID: ST200211D2-5 1613 CS4 19L2306, Description: 1613 CS4 19L2306

#	Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	5.76e4	0.74	NO	0.982	1.000	17.23	38.981	97.5	0.158
2	2 13C-2,3,7,8-TCDF	1.51e5	0.71	NO	1.08	1.000	17.20	102.61	103	0.300
3	3 13C-1,2,3,4-TCDF	1.35e5	0.73	NO	1.00	1.000	15.17	100.00	100	0.325
4	4 13C-1,2,3,4-TCDD	1.13e5	0.78	NO	1030	1.000	15.78	110.19	110	0.311

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:38:05 Pacific Standard Time

Name: 200211D2_8, Date: 11-Feb-2020, Time: 23:39:11, ID: ST200211D2-6 1613 CS5 19L2307, Description: 1613 CS5 19L2307

	# Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	1 2,3,7,8-TCDF	4.81e5	0.73	NO	0.982	1.000	17.23	321.06	107	0.243
2	2 13C-2,3,7,8-TCDF	1.52e5	0.72	NO	1.08	1.000	17.20	102.22	102	0.295
3	3 13C-1,2,3,4-TCDF	1.38e5	0.73	NO	1.00	1.000	15.17	100.00	100	0.319
4	4 13C-1,2,3,4-TCDD	1.20e5	0.78	NO	1030	1.000	15.78	116.47	116	0.322

Dataset: Untitled

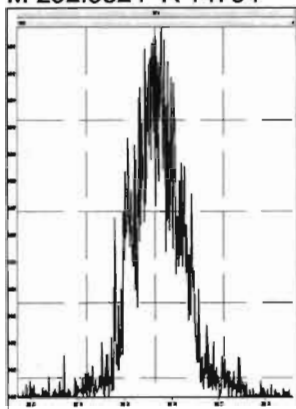
Last Altered: Wednesday, February 12, 2020 10:45:15 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:45:35 Pacific Standard Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24
Callbration: C:\MassLynx\Default.PRO\CurveDB\db-225_m23tcdfvg7-2-11-20.cdb 11 Feb 2020 14:52:18

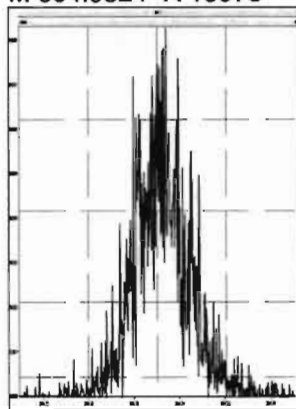
Compound name: 2,3,7,8-TCDF

	Name	ID	Acq.Date	Acq.Time
1	200211D2_1	SOLVENT BLANK	11-Feb-20	19:58:43
2	200211D2_2	CP200211D2-1 DB-225 CPSM	11-Feb-20	20:28:53
3	200211D2_3	ST200211D2-1 1613 CS0 19L2302	11-Feb-20	21:00:36
4	200211D2_4	ST200211D2-2 1613 CS1 19L2303	11-Feb-20	21:32:19
5	200211D2_5	ST200211D2-3 1613 CS2 19L2304	11-Feb-20	22:04:03
6	200211D2_6	ST200211D2-4 1613 CS3 19L2305	11-Feb-20	22:35:45
7	200211D2_7	ST200211D2-5 1613 CS4 19L2306	11-Feb-20	23:07:28
8	200211D2_8	ST200211D2-6 1613 CS5 19L2307	11-Feb-20	23:39:11
9	200211D2_9	SOLVENT BLANK	12-Feb-20	00:10:54
10	200211D2_10	SS200211D2-1 1613 SSS 19L2308	12-Feb-20	00:42:33
11	200211D2_11	SOLVENT BLANK	12-Feb-20	01:14:15
12	200211D2_12	1903740-08RE1 PDI-097SC-B-06-08-191017 ...	12-Feb-20	01:45:58
13	200211D2_13	1903740-07RE1 PDI-097SC-B-04-06-191017 ...	12-Feb-20	02:17:39
14	200211D2_14	1903740-06RE1 PDI-097SC-B-02-04-191017 ...	12-Feb-20	02:49:21
15	200211D2_15	1903740-01RE1 PDI-031SC-B-00-02-191017 ...	12-Feb-20	03:21:03
16	200211D2_16	1903740-05RE1 PDI-097SC-B-00-02-191017 ...	12-Feb-20	03:52:45

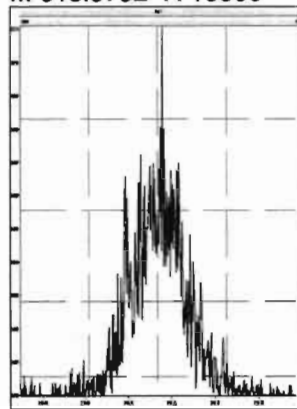
M 292.9824 R 14754



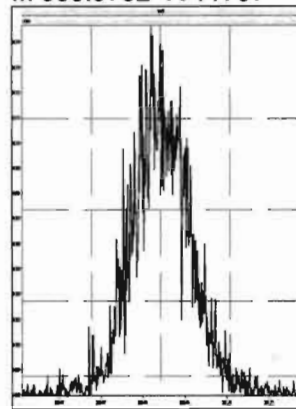
M 304.9824 R 15978



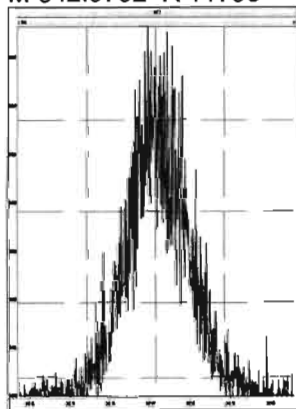
M 318.9792 R 15503



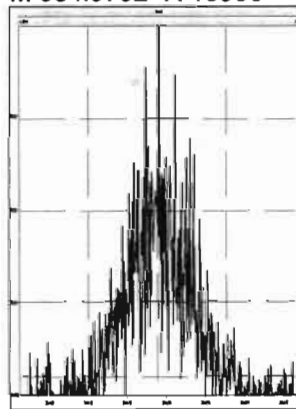
M 330.9792 R 11737



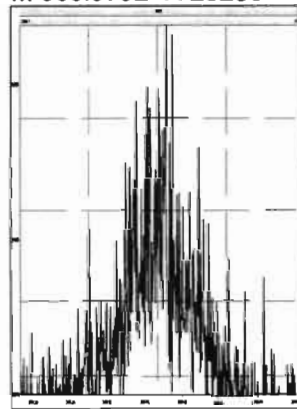
M 342.9792 R 11796



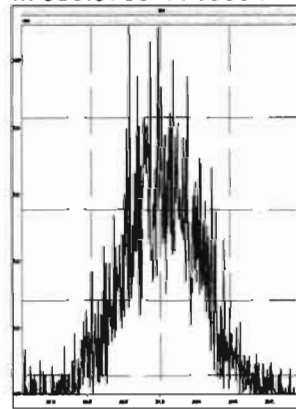
M 354.9792 R 15966

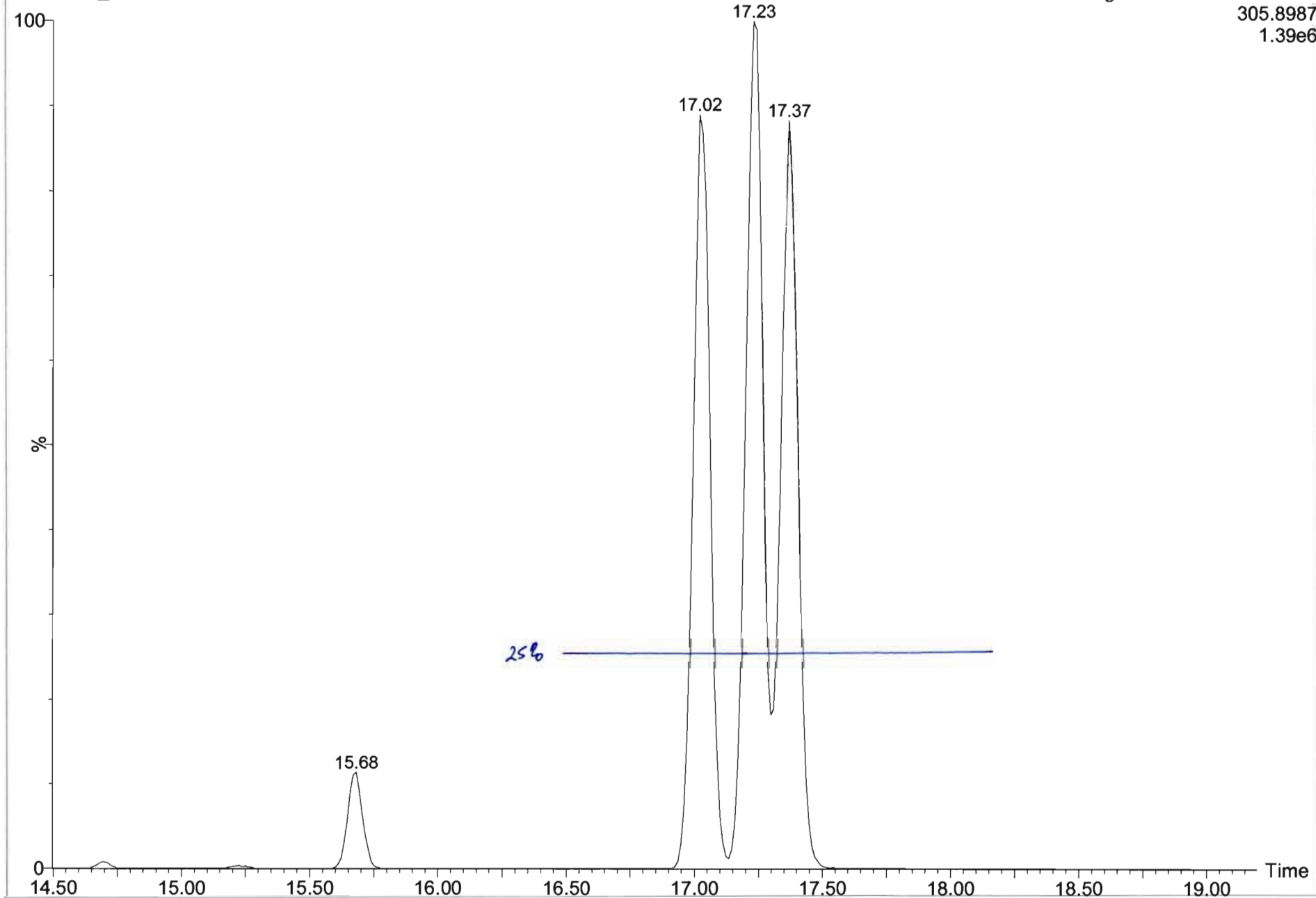


M 366.9792 R 28256



M 380.9760 R 13094





Dataset: U:\VG7.PRO\Results\200211D2\200111D2_2.qld

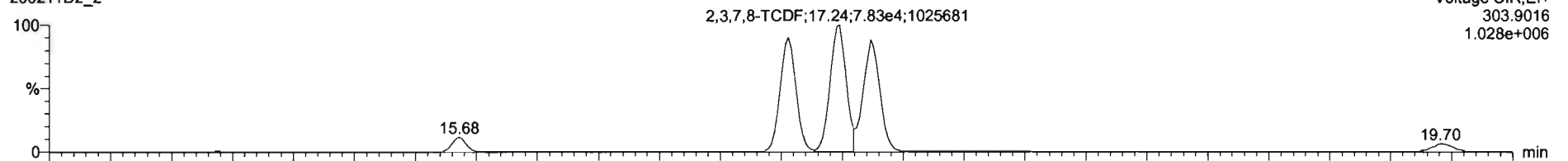
Last Altered: Wednesday, February 12, 2020 10:13:49 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:15:34 Pacific Standard Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24
Calibration: C:\MassLynx\Default.PRO\CurveDB\db-225_m23tcdfvg7-2-11-20.cdb 11 Feb 2020 14:52:18

Name: 200211D2_2, Date: 11-Feb-2020, Time: 20:28:53, ID: CP200211D2-1 DB-225 CPSM, Description: DB-225 CPSM

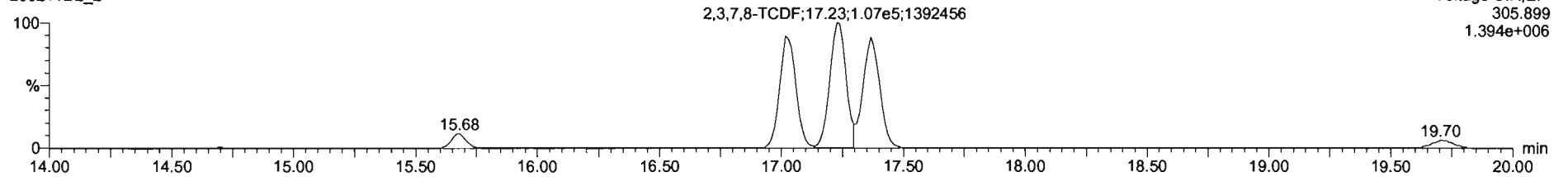
2,3,7,8-TCDF

200211D2_2



Voltage SIR,EI+
303.9016
1.028e+006

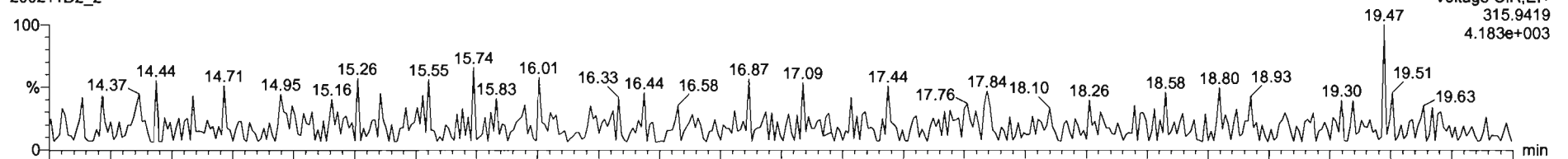
200211D2_2



Voltage SIR,EI+
305.899
1.394e+006

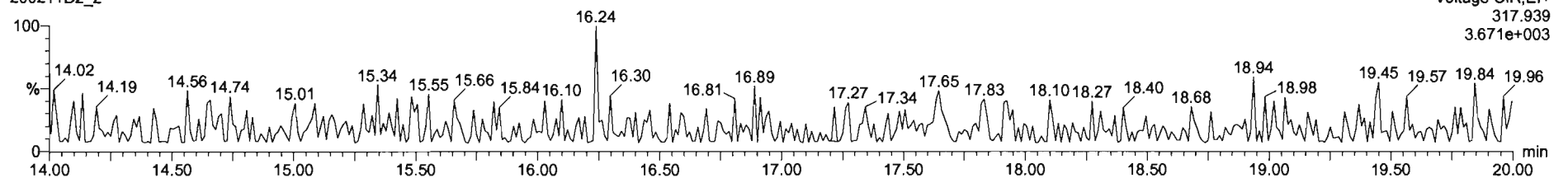
13C-2,3,7,8-TCDF

200211D2_2



Voltage SIR,EI+
315.9419
4.183e+003

200211D2_2



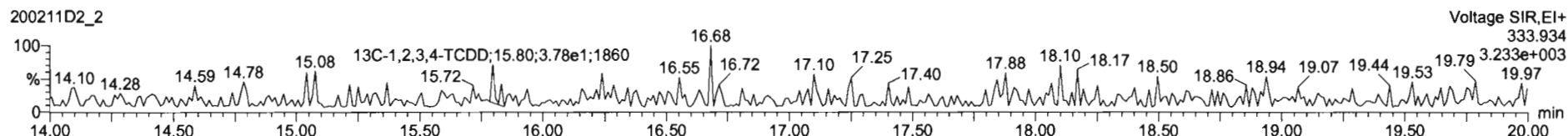
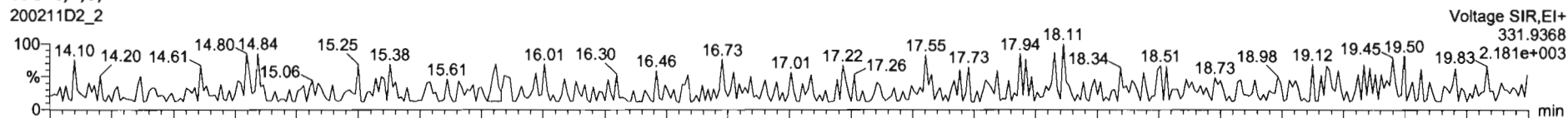
Voltage SIR,EI+
317.939
3.671e+003

Dataset: U:\VG7.PRO\Results\200211D2\200111D2_2.qld

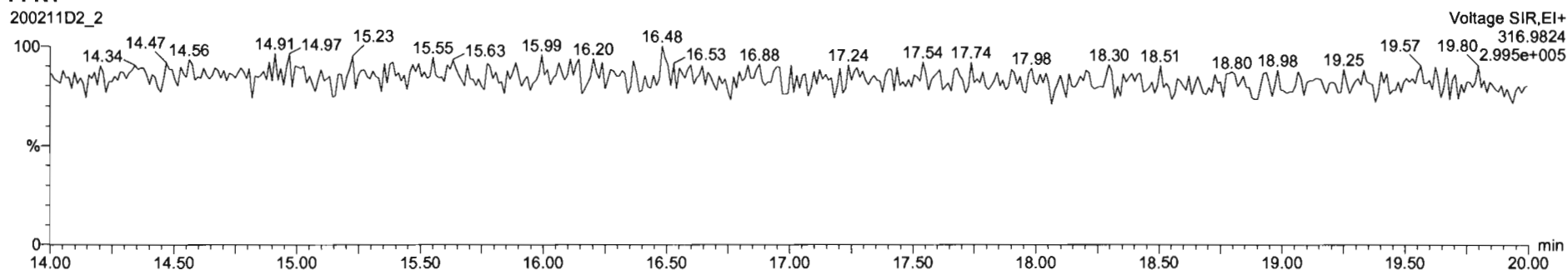
Last Altered: Wednesday, February 12, 2020 10:13:49 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:15:34 Pacific Standard Time

Name: 200211D2_2, Date: 11-Feb-2020, Time: 20:28:53, ID: CP200211D2-1 DB-225 CPSM, Description: DB-225 CPSM

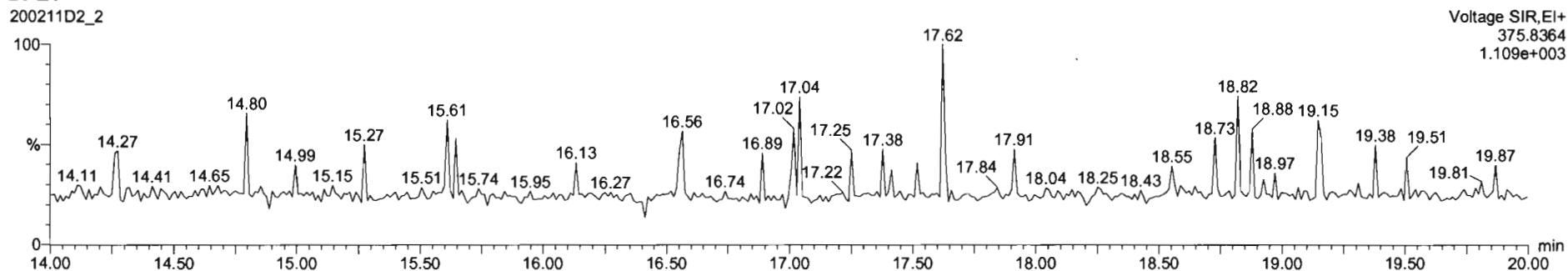
13C-1,2,3,4-TCDD



PFK1



DPE1



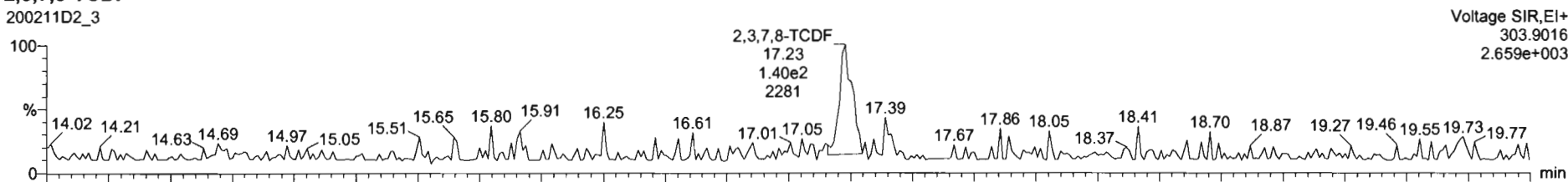
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

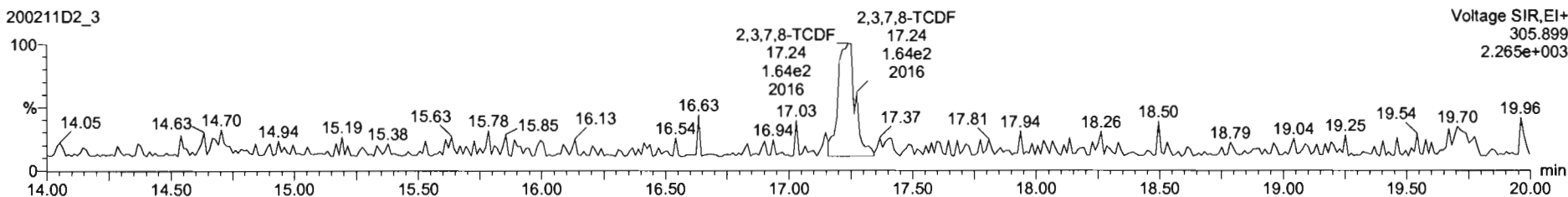
Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvfg7-2-11-20.cdb 12 Feb 2020 10:17:56

Name: 200211D2_3, Date: 11-Feb-2020, Time: 21:00:36, ID: ST200211D2-1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

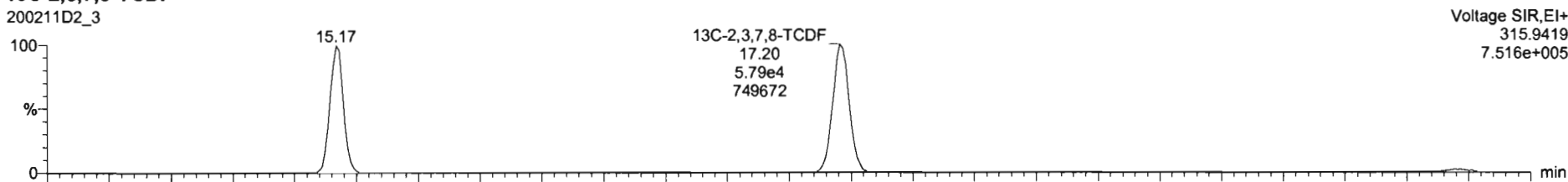
2,3,7,8-TCDF
200211D2_3



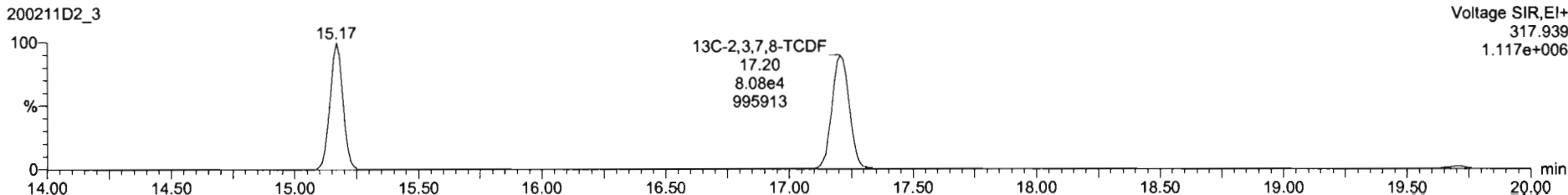
200211D2_3



13C-2,3,7,8-TCDF
200211D2_3



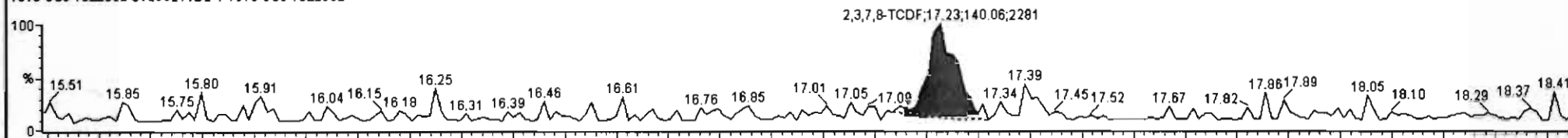
200211D2_3



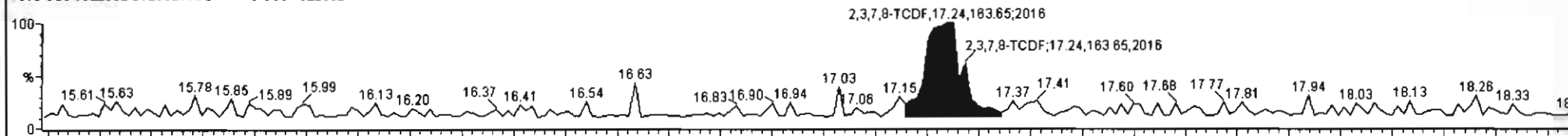
Name	Resp	RA	n/y	RRF	wt/vol	RT	RRT	Conc.	%Rec	DL	EMPC
1 2,3,7,8-TCDF	3.04e2	0.86	NO	0.98	1.000	17.23	1.001	0.223	89.2	0.0831	0.223
2 13C-2,3,7,8-TCDF	1.39e5	0.72	NO	1.08	1.000	17.20	1.134	113	113	0.342	
3 13C-1,2,3,4-TCDF	1.13e5	0.70	NO	1.00	1.000	15.17	1.000	100	100	0.371	
4 13C-1,2,3,4-TCDF	1.04e5	0.79	NO	1026.38	1.000	15.78	0.000	102	102	0.291	
5 PFOS					1.000						
6 DPE1					1.000						

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

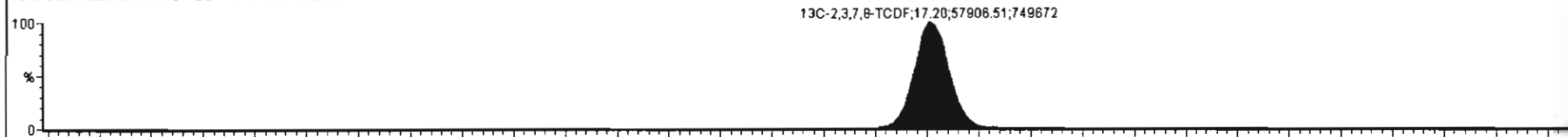
200211D2_3
1613 C80 19L2302 ST200211D2-1 1613 C80 19L2302



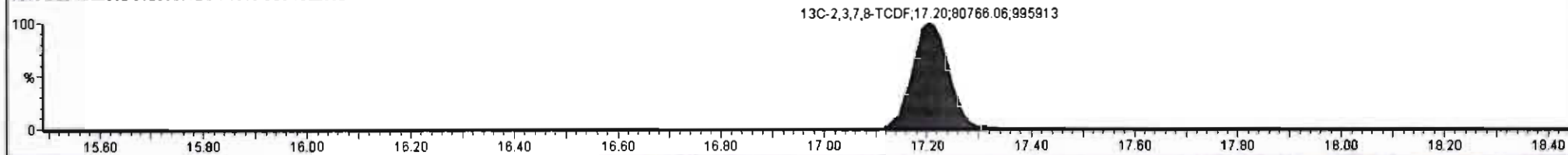
200211D2_3
1613 C80 19L2302 ST200211D2-1 1613 C80 19L2302



200211D2_3
1613 C80 19L2302 ST200211D2-1 1613 C80 19L2302



200211D2_3
1613 C80 19L2302 ST200211D2-1 1613 C80 19L2302



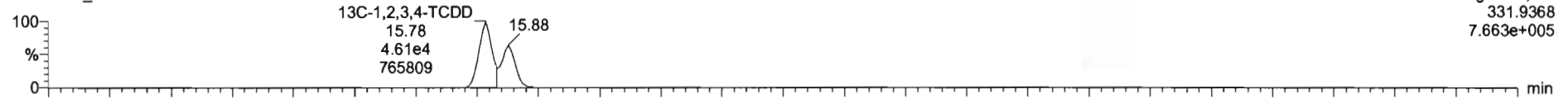
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

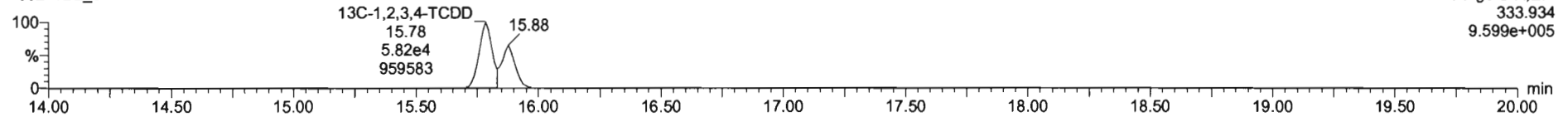
Name: 200211D2_3, Date: 11-Feb-2020, Time: 21:00:36, ID: ST200211D2-1 1613 CS0 19L2302, Description: 1613 CS0 19L2302

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

200211D2_3

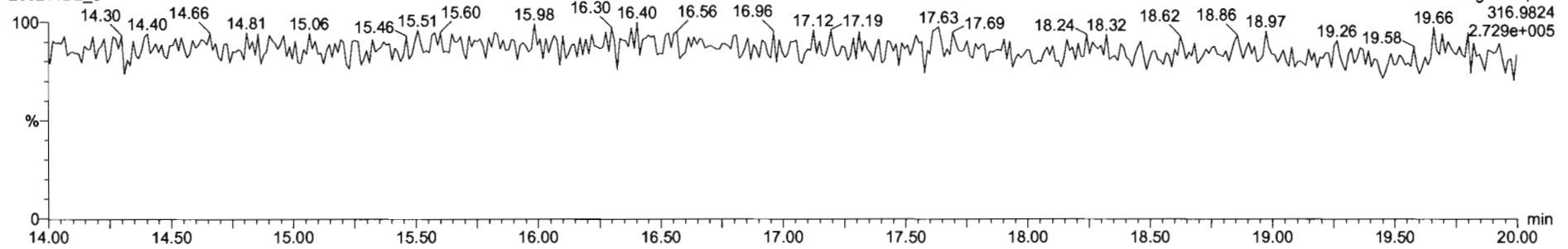


200211D2_3



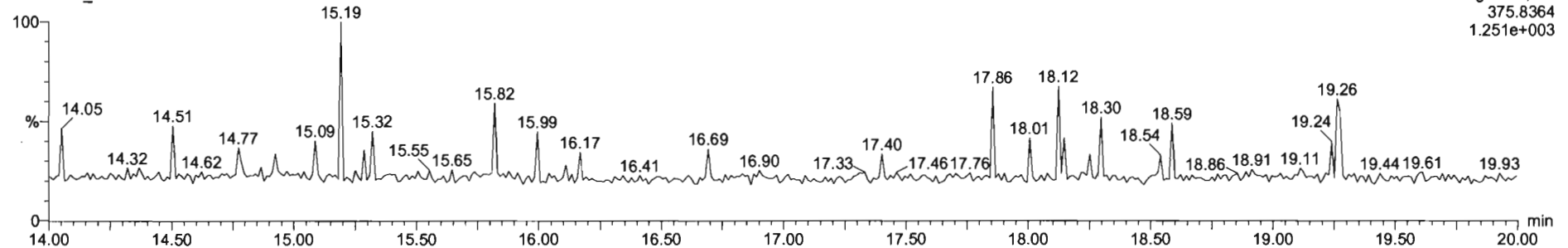
PFK1

200211D2_3



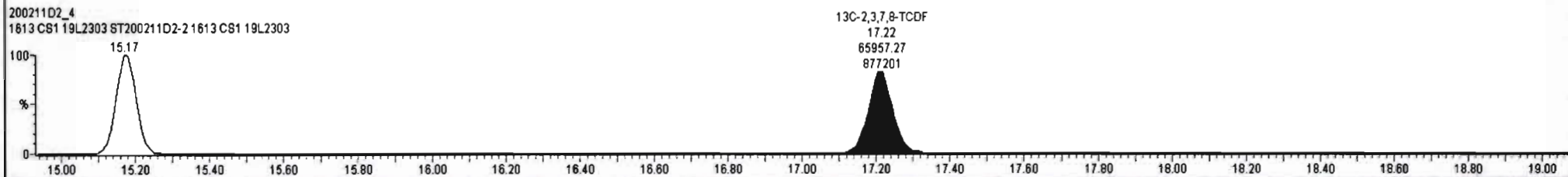
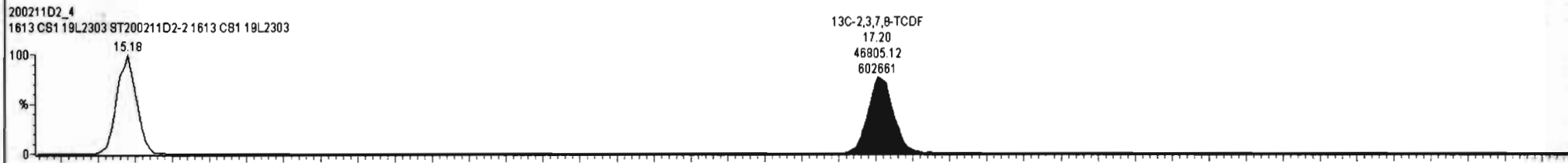
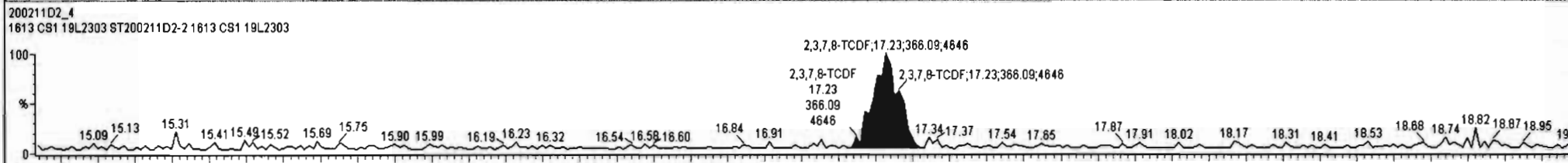
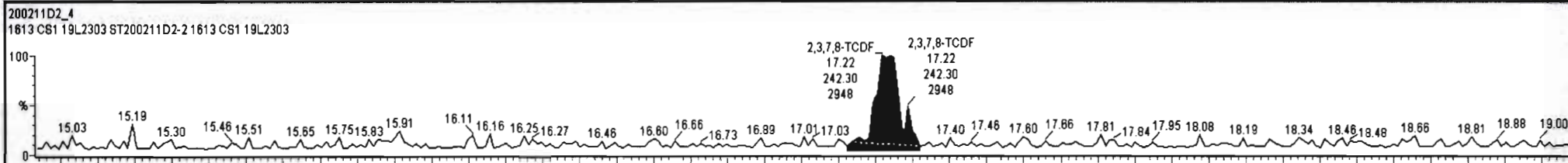
DPE1

200211D2_3



#	Name	Resp	RA	ruy	RRF	wt/vol	RT	RRT	Conc.	%Rec	DL	EWPC
1	2,3,7,8-TCDF	8.09e2	0.66	NO	0.98	1.000	17.22	1.001	0.548	110	0.147	0.549
2	13C-2,3,7,8-TCDF	1.13e5	0.71	NO	1.08	1.000	17.20	1.133	91.7	91.7	0.381	
3	13C-1,2,3,4-TCDF	1.14e5	0.71	NO	1.00	1.000	15.18	1.000	100	100	0.412	
4	13C-1,2,3,4-TCDD	8.57e4	0.77	NO	1026.38	1.000	15.78	0.000	83.5	83.5	0.324	
5	PFK1					1.000						
6	DPF1					1.000						

#	Name	RT	int Resp	m2 Resp	RA	ruy	EWPC	Conc.
1								



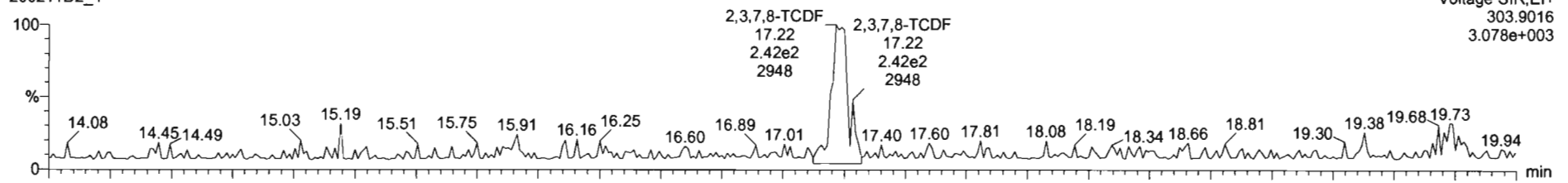
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

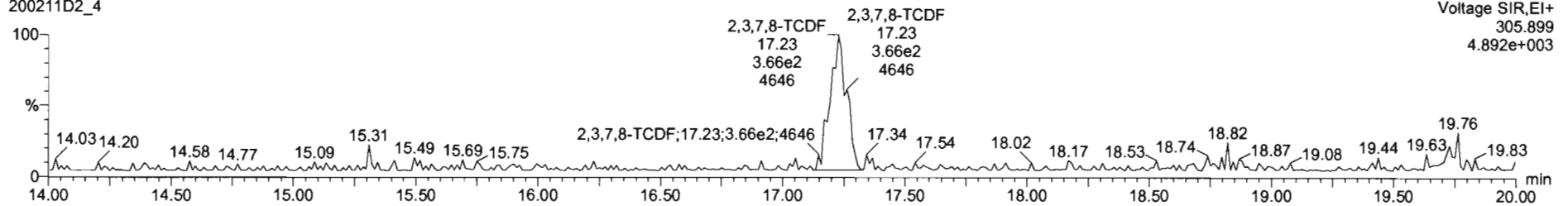
Name: 200211D2_4, Date: 11-Feb-2020, Time: 21:32:19, ID: ST200211D2-2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

2,3,7,8-TCDF

200211D2_4

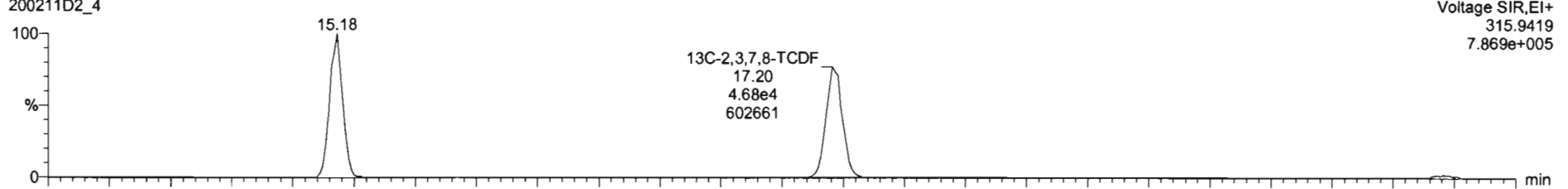


200211D2_4

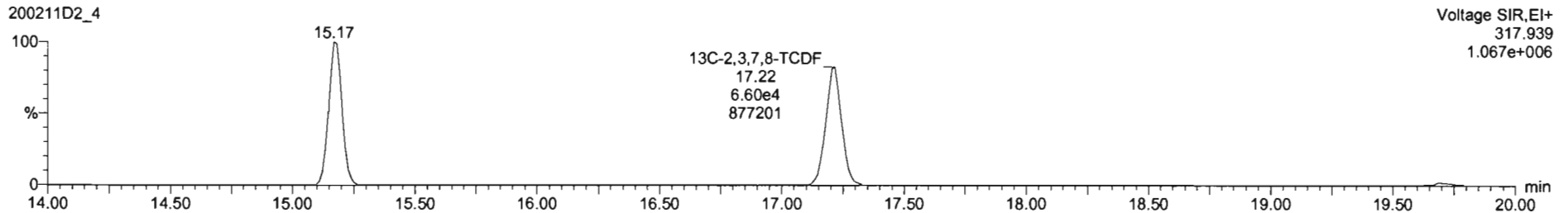


13C-2,3,7,8-TCDF

200211D2_4



200211D2_4



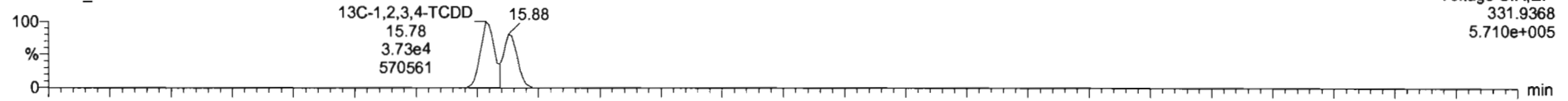
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

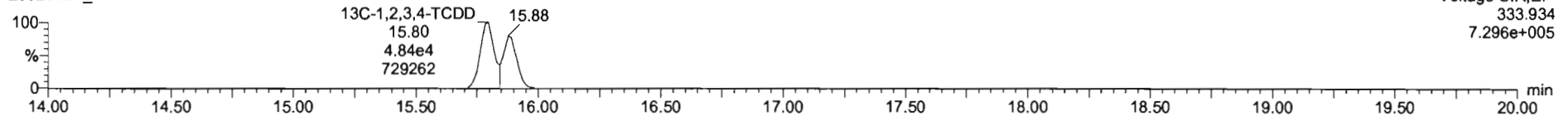
Name: 200211D2_4, Date: 11-Feb-2020, Time: 21:32:19, ID: ST200211D2-2 1613 CS1 19L2303, Description: 1613 CS1 19L2303

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

200211D2_4

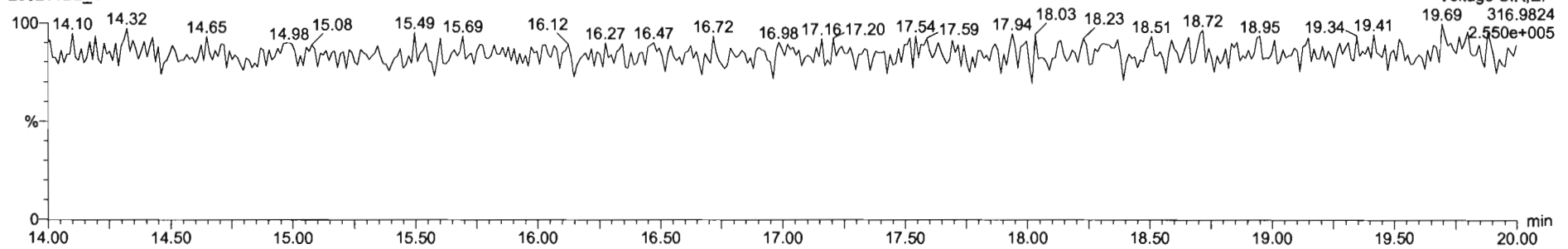


200211D2_4



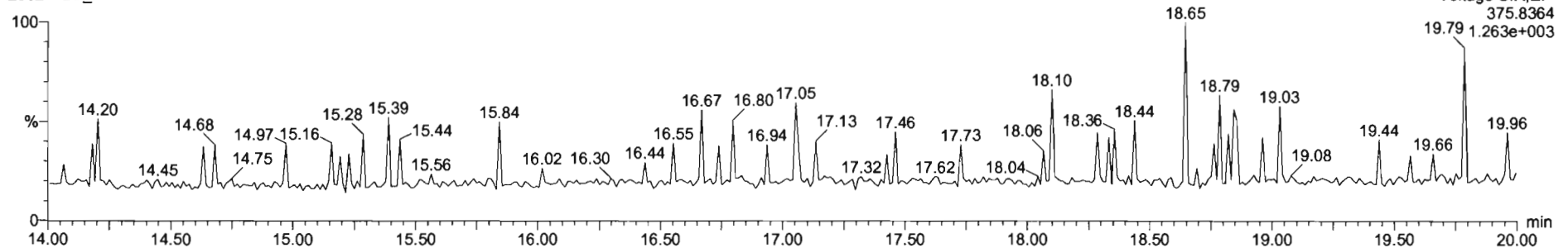
PFK1

200211D2_4



DPE1

200211D2_4



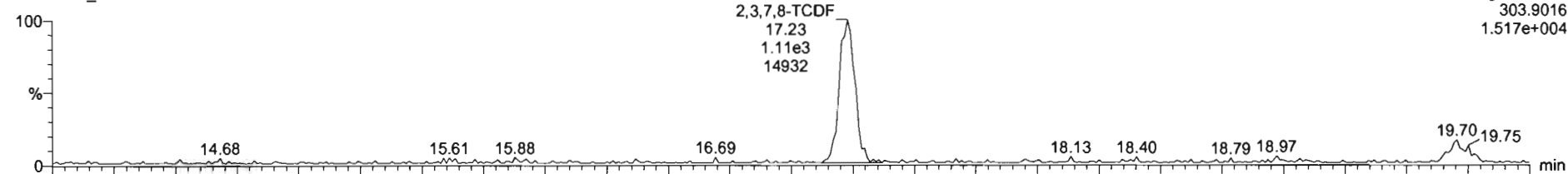
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

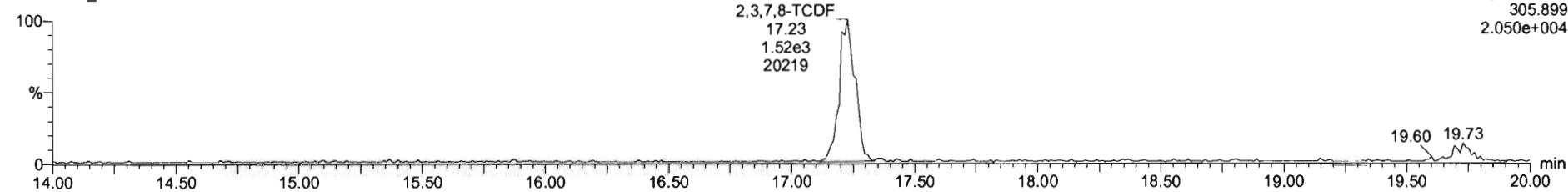
Name: 200211D2_5, Date: 11-Feb-2020, Time: 22:04:03, ID: ST200211D2-3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

2,3,7,8-TCDF

200211D2_5

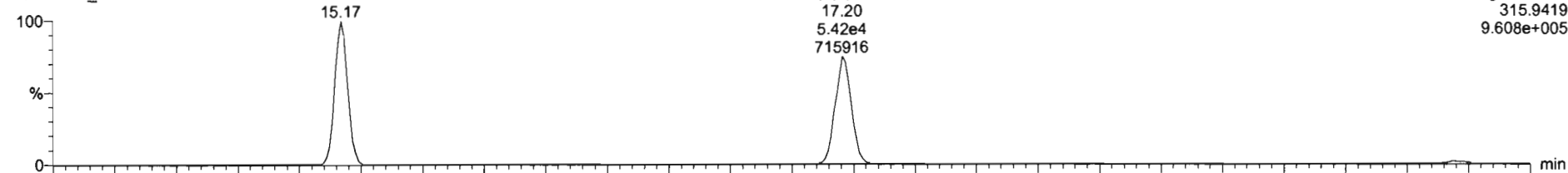


200211D2_5

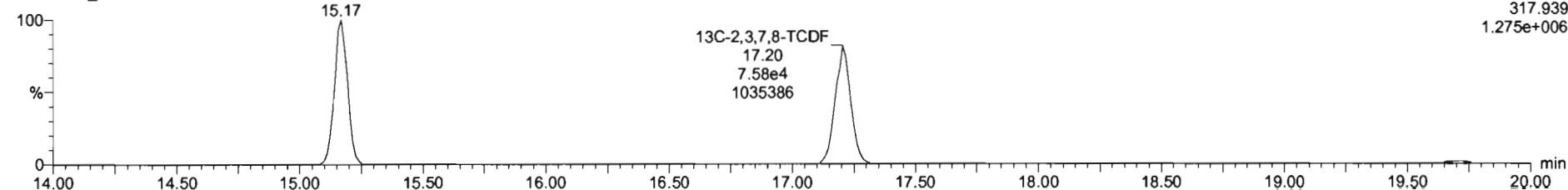


13C-2,3,7,8-TCDF

200211D2_5



200211D2_5



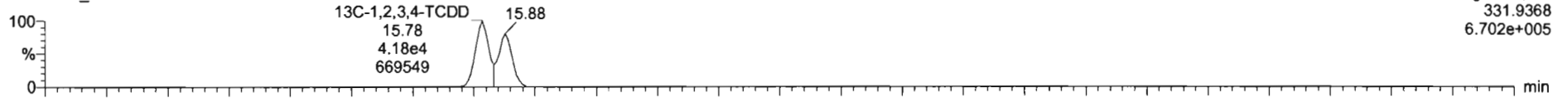
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

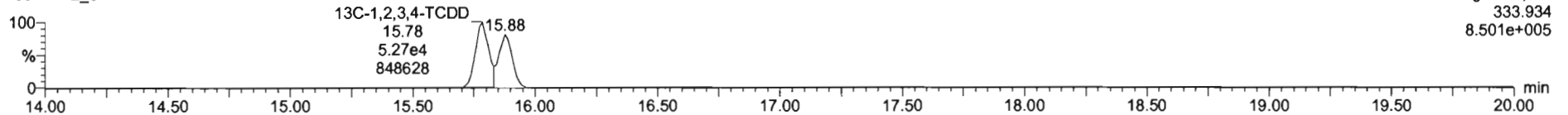
Name: 200211D2_5, Date: 11-Feb-2020, Time: 22:04:03, ID: ST200211D2-3 1613 CS2 19L2304, Description: 1613 CS2 19L2304

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

200211D2_5

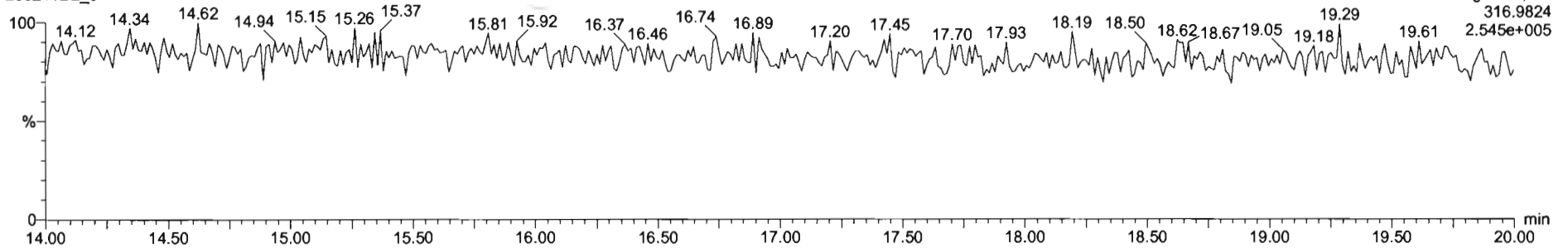


200211D2_5



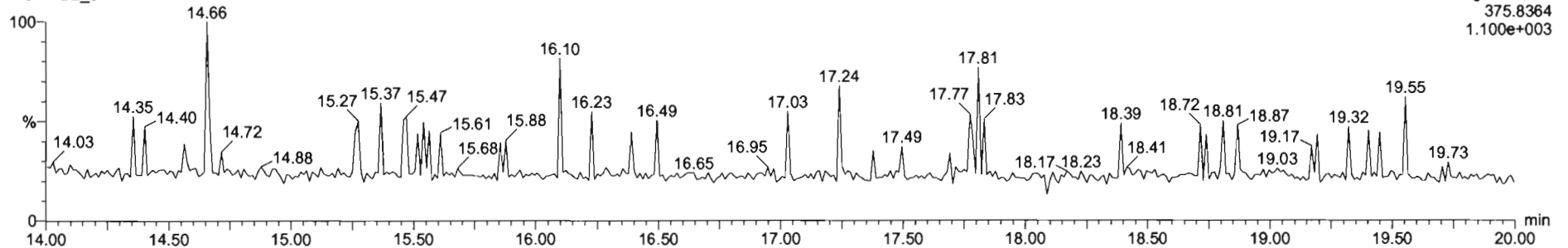
PFK1

200211D2_5



DPE1

200211D2_5



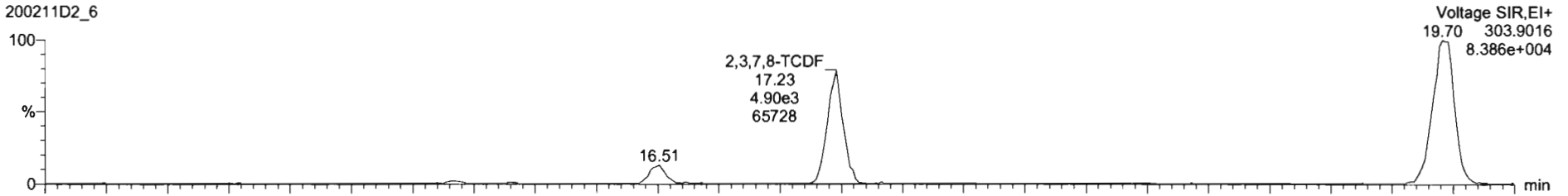
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

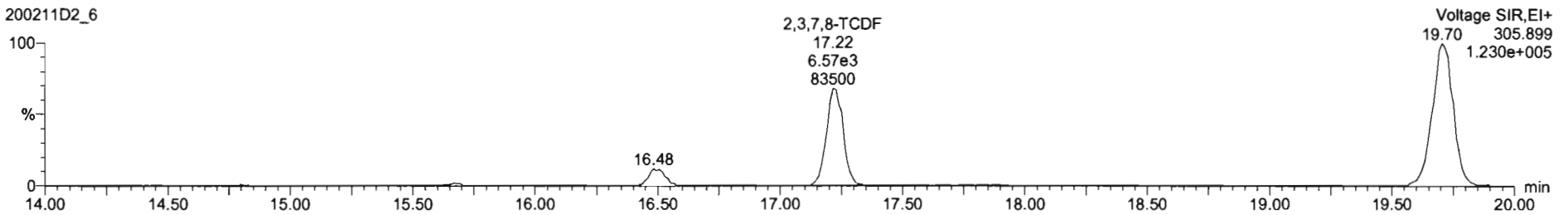
Name: 200211D2_6, Date: 11-Feb-2020, Time: 22:35:45, ID: ST200211D2-4 1613 CS3 19L2305, Description: 1613 CS3 19L2305

2,3,7,8-TCDF

200211D2_6

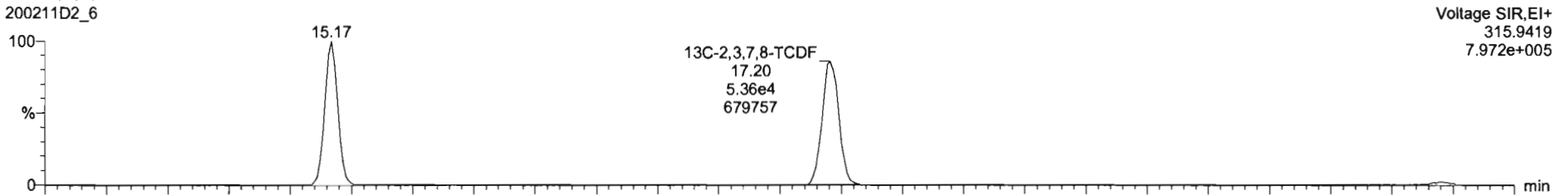


200211D2_6

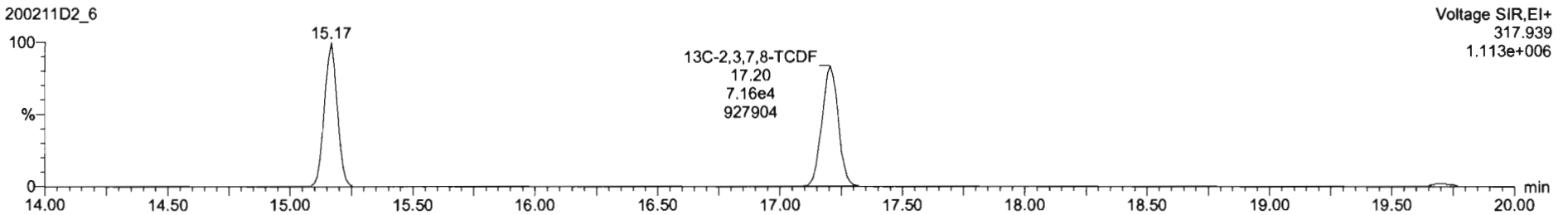


13C-2,3,7,8-TCDF

200211D2_6



200211D2_6



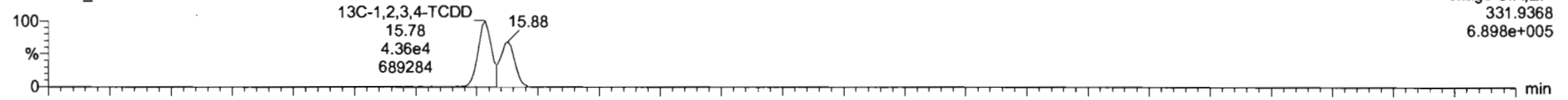
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

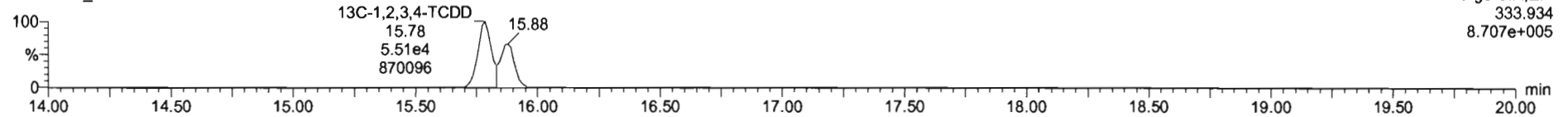
Name: 200211D2_6, Date: 11-Feb-2020, Time: 22:35:45, ID: ST200211D2-4 1613 CS3 19L2305, Description: 1613 CS3 19L2305

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

200211D2_6

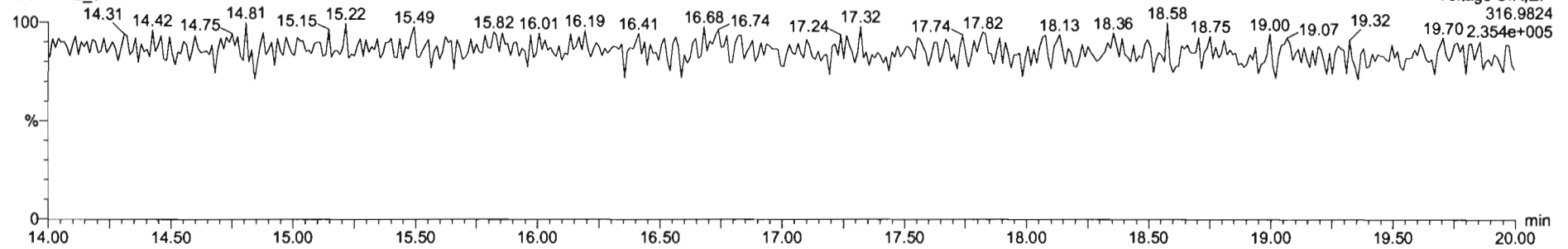


200211D2_6



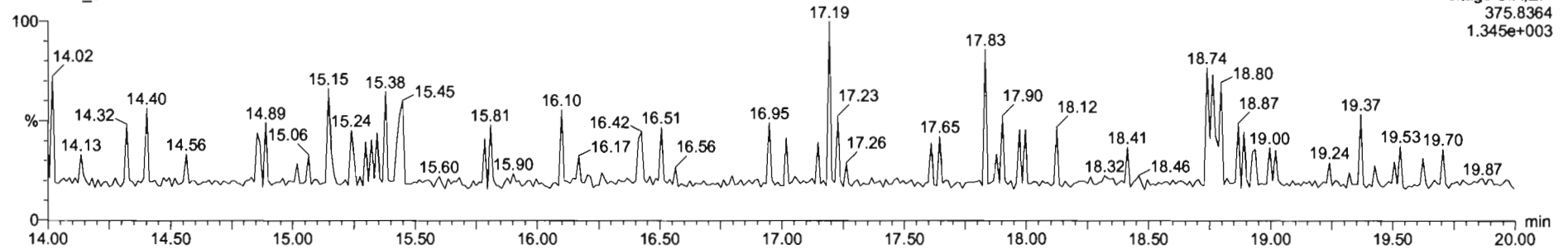
PFK1

200211D2_6



DPE1

200211D2_6



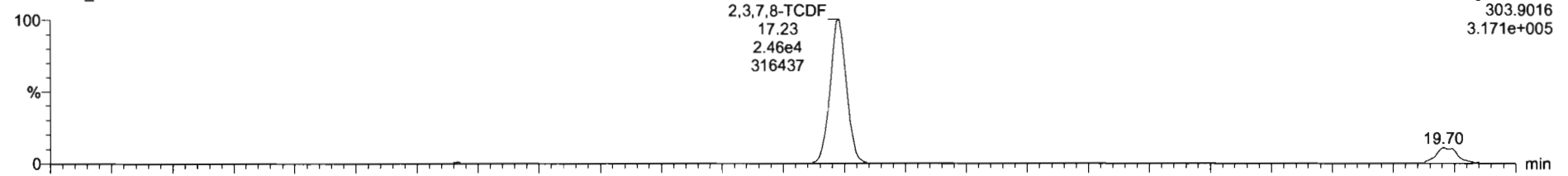
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

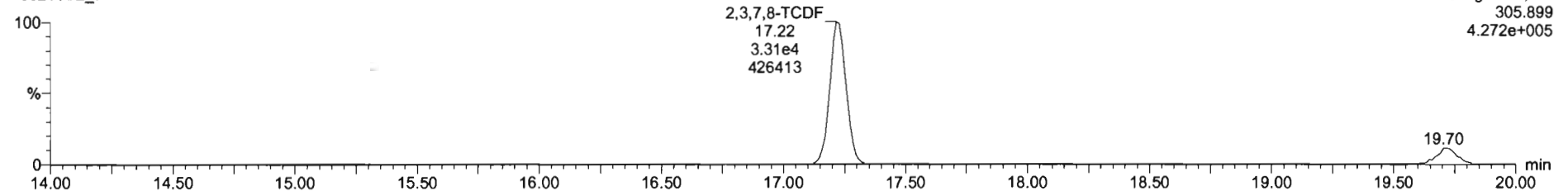
Name: 200211D2_7, Date: 11-Feb-2020, Time: 23:07:28, ID: ST200211D2-5 1613 CS4 19L2306, Description: 1613 CS4 19L2306

2,3,7,8-TCDF

200211D2_7

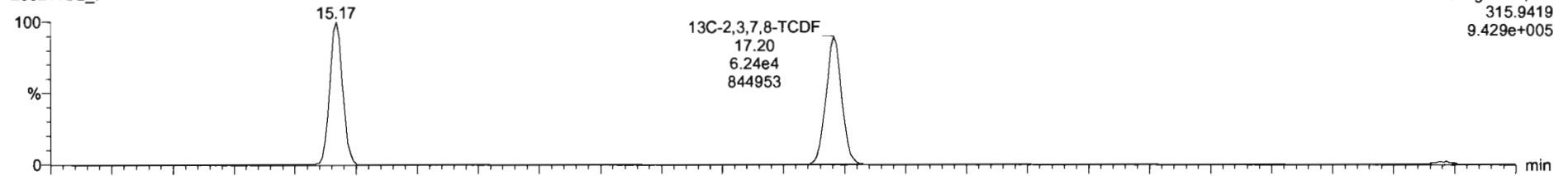


200211D2_7

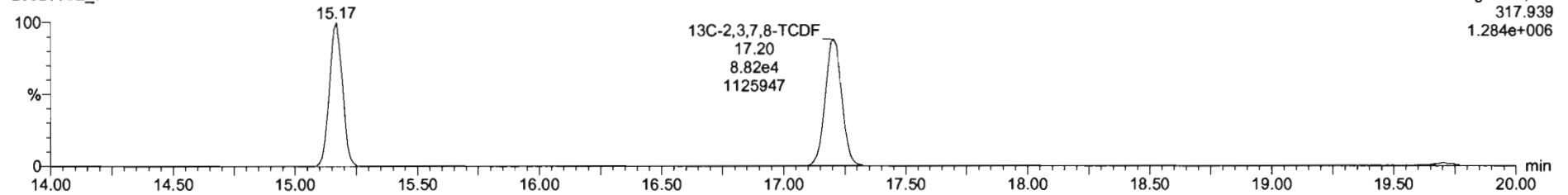


13C-2,3,7,8-TCDF

200211D2_7



200211D2_7



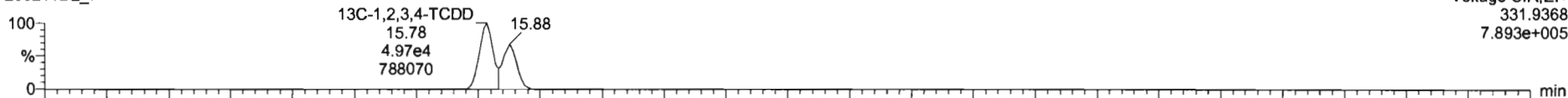
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

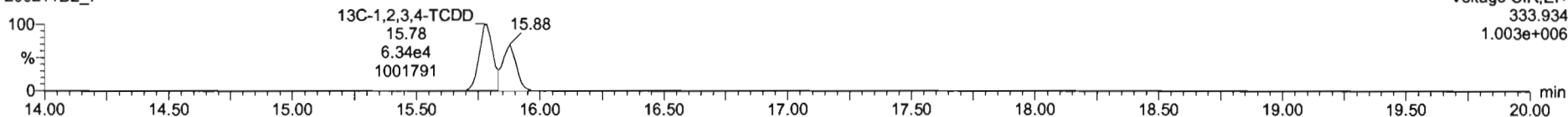
Name: 200211D2_7, Date: 11-Feb-2020, Time: 23:07:28, ID: ST200211D2-5 1613 CS4 19L2306, Description: 1613 CS4 19L2306

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

200211D2_7

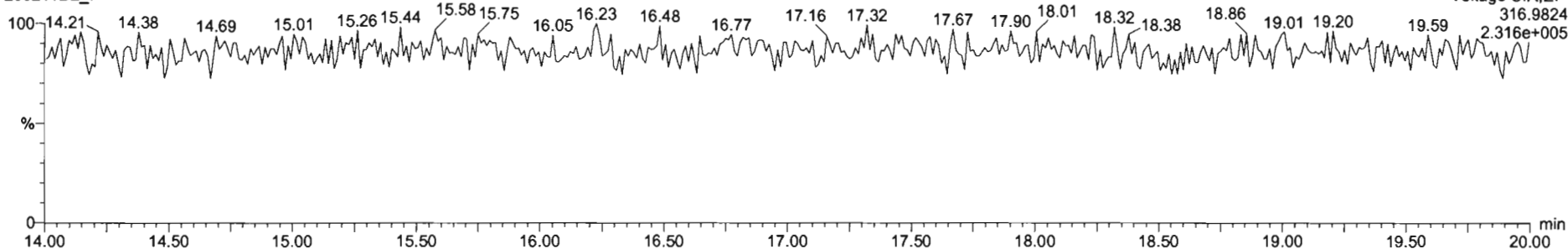


200211D2_7



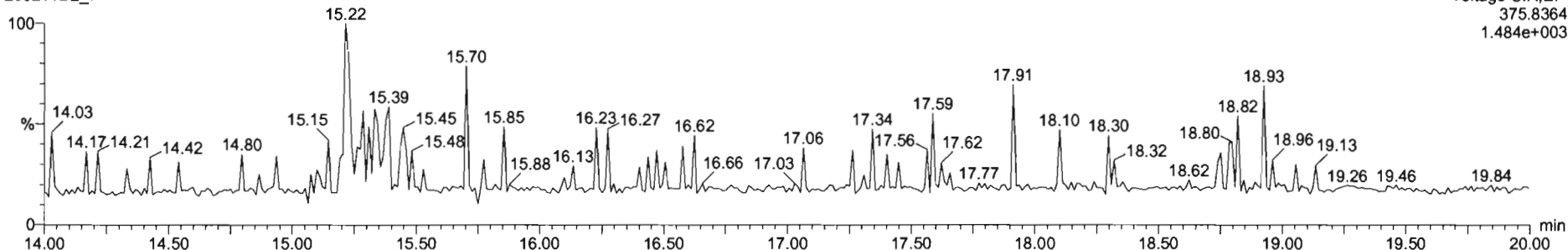
PFK1

200211D2_7



DPE1

200211D2_7



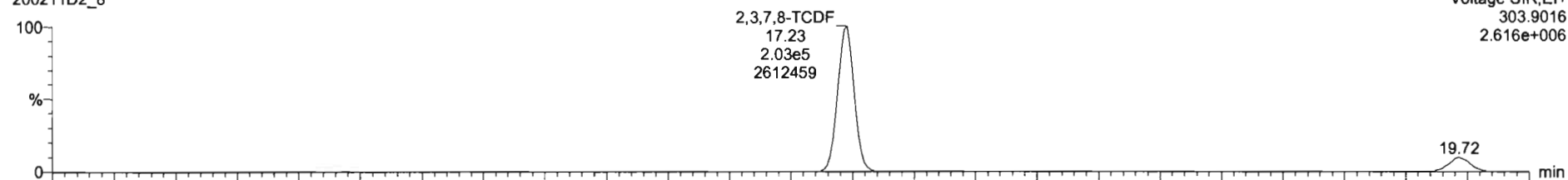
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

Name: 200211D2_8, Date: 11-Feb-2020, Time: 23:39:11, ID: ST200211D2-6 1613 CS5 19L2307, Description: 1613 CS5 19L2307

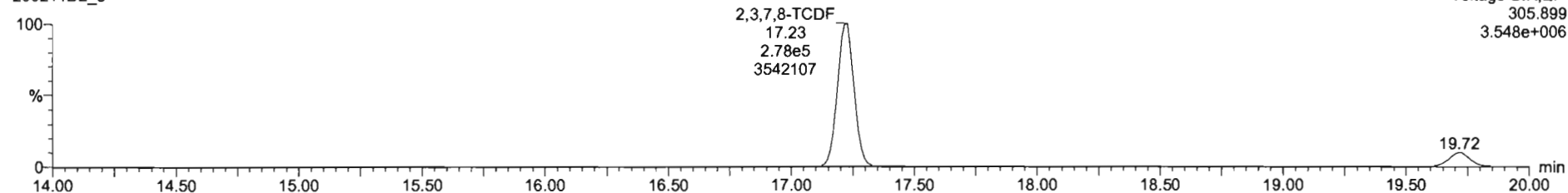
2,3,7,8-TCDF

200211D2_8



Voltage SIR,EI+
303.9016
2.616e+006

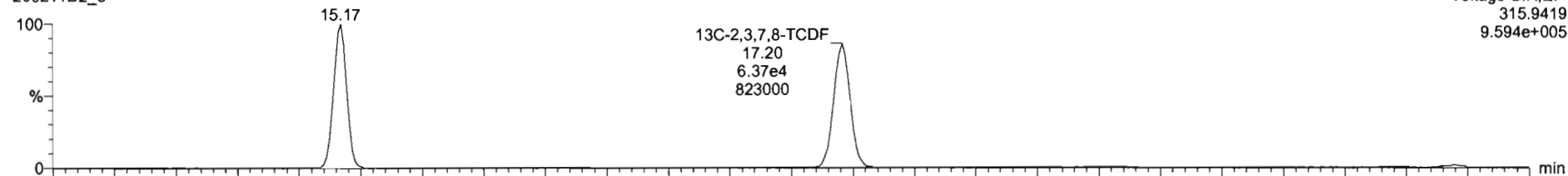
200211D2_8



Voltage SIR,EI+
305.899
3.548e+006

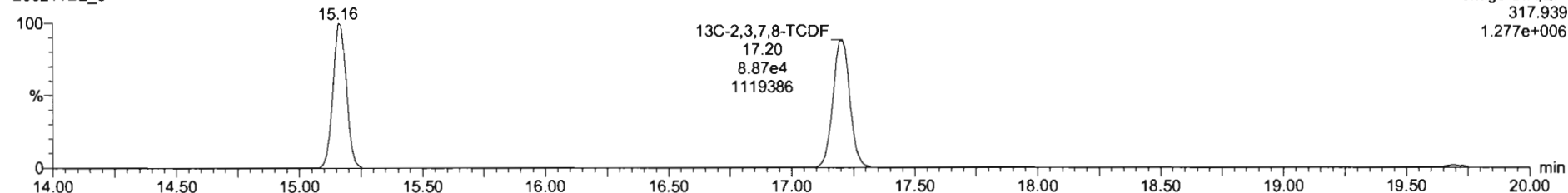
13C-2,3,7,8-TCDF

200211D2_8



Voltage SIR,EI+
315.9419
9.594e+005

200211D2_8



Voltage SIR,EI+
317.939
1.277e+006

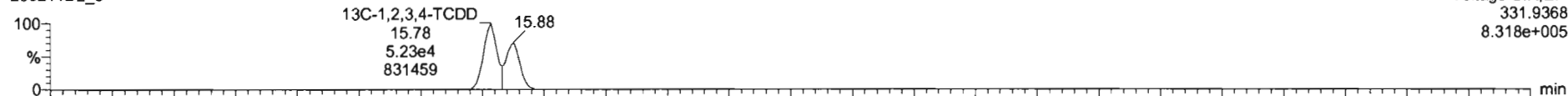
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_CRV.qld

Last Altered: Wednesday, February 12, 2020 10:17:56 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:38:37 Pacific Standard Time

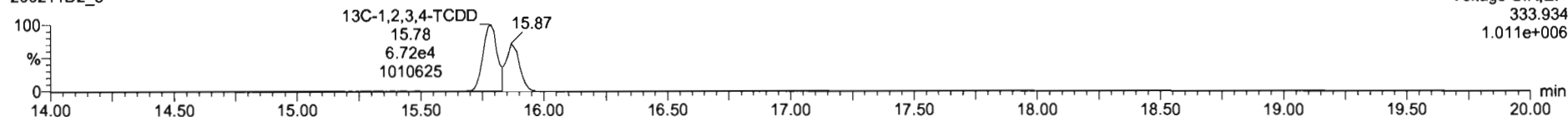
Name: 200211D2_8, Date: 11-Feb-2020, Time: 23:39:11, ID: ST200211D2-6 1613 CS5 19L2307, Description: 1613 CS5 19L2307

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

200211D2_8

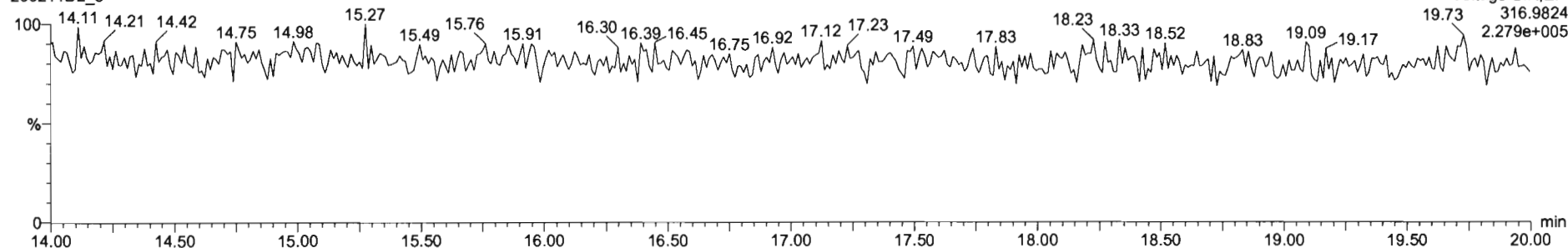


200211D2_8



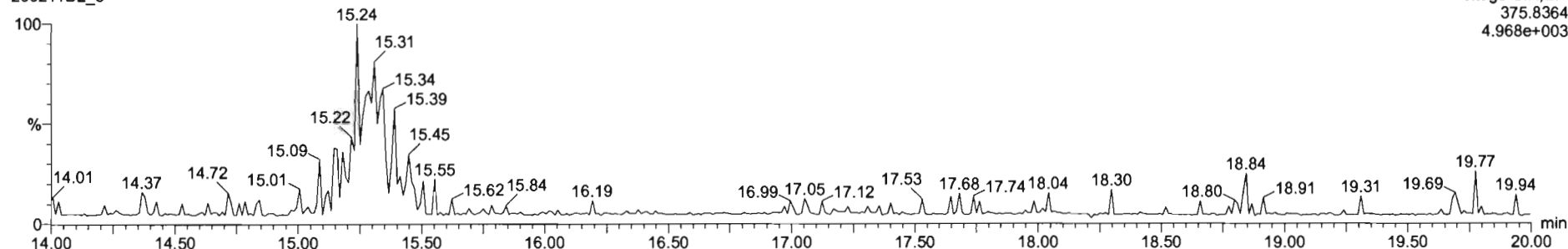
PFK1

200211D2_8

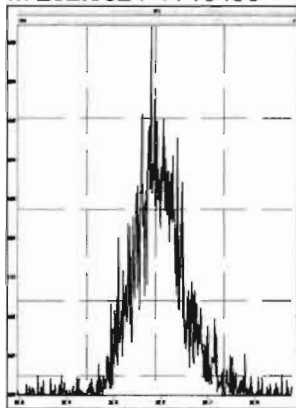


DPE1

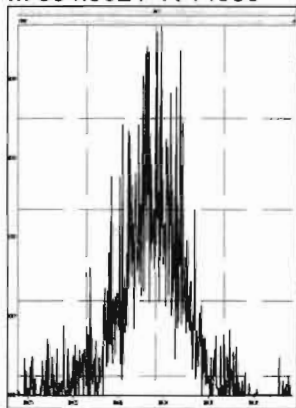
200211D2_8



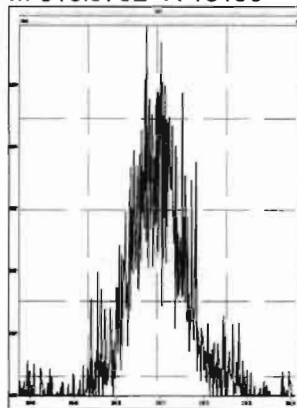
M 292.9824 R 13493



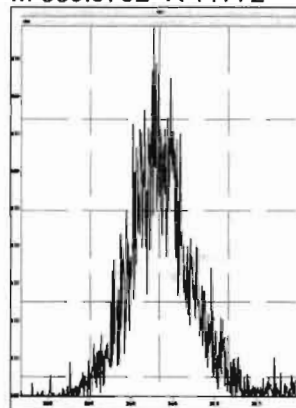
M 304.9824 R 14983



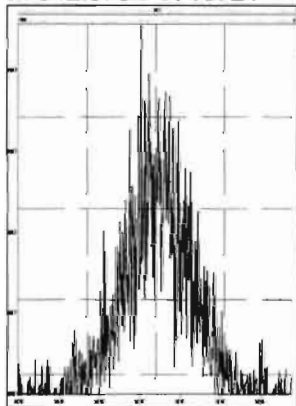
M 318.9792 R 15196



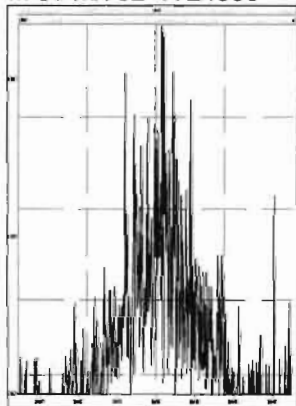
M 330.9792 R 11772



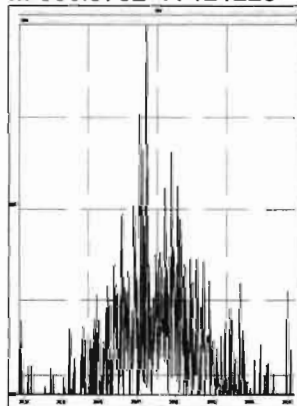
M 342.9792 R 13721



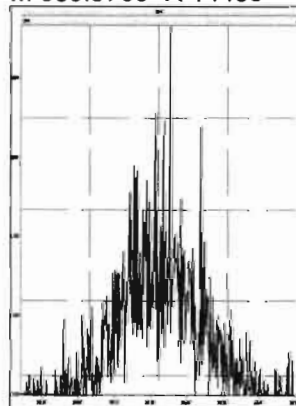
M 354.9792 R 24553



M 366.9792 R 121228



M 380.9760 R 14409



Dataset: U:\VG7.PRO\Results\200211D2\200211D2_10.qld

Last Altered: Wednesday, February 12, 2020 10:51:20 Pacific Standard Time

Printed: Wednesday, February 12, 2020 10:52:52 Pacific Standard Time

DB 2/12/20 07:52/2020

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24

Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 10:17:56

Name: 200211D2_10, Date: 12-Feb-2020, Time: 00:42:33, ID: SS200211D2-1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

#	Name	Resp	RA	n/y	RRF M...	wt/vol	RT	Conc.	%Rec	DL
1	2,3,7,8-TCDF	1.29e4	0.77	NO	0.982	1.000	17.22	10.800	108	0.183
2	13C-2,3,7,8-TCDF	1.22e5	0.73	NO	1.08	1.000	17.20	92.025	92.0	0.305
3	13C-1,2,3,4-TCDF	1.22e5	0.72	NO	1.00	1.000	15.17	100.00	100	0.330
4	13C-1,2,3,4-TCDD	8.99e4	0.76	NO	1030	1.000	15.78	87.563	87.6	0.304

Dataset: U:\VG7.PRO\Results\200211D2\200211D2_10.qld

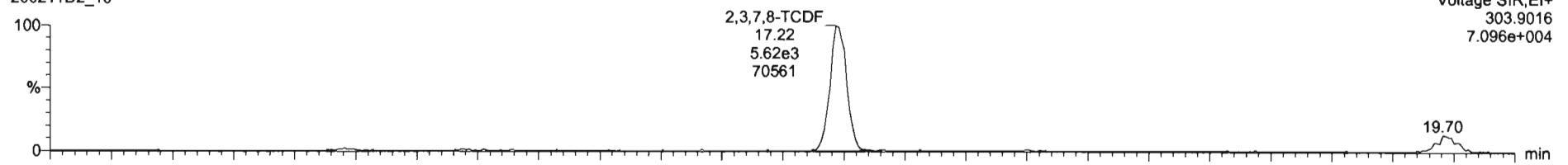
Last Altered: Wednesday, February 12, 2020 10:51:20 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:53:15 Pacific Standard Time

Method: C:\MassLynx\Default.PRO\MethDB\tcdf.mdb 11 Feb 2020 09:33:24
Calibration: U:\VG7.PRO\CurveDB\db-225_1613tcdfvg7-2-11-20.cdb 12 Feb 2020 10:17:56

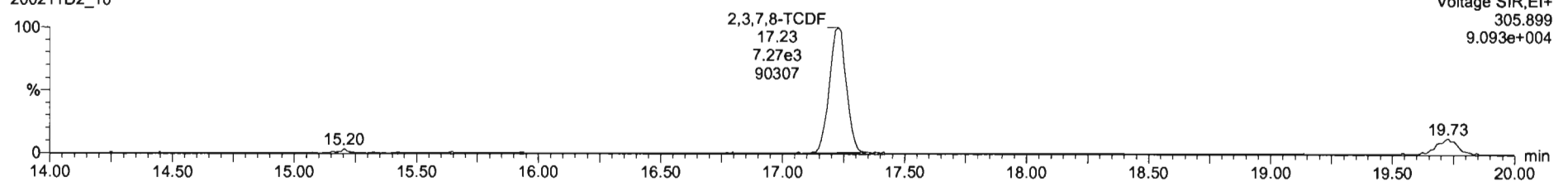
Name: 200211D2_10, Date: 12-Feb-2020, Time: 00:42:33, ID: SS200211D2-1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

2,3,7,8-TCDF

200211D2_10

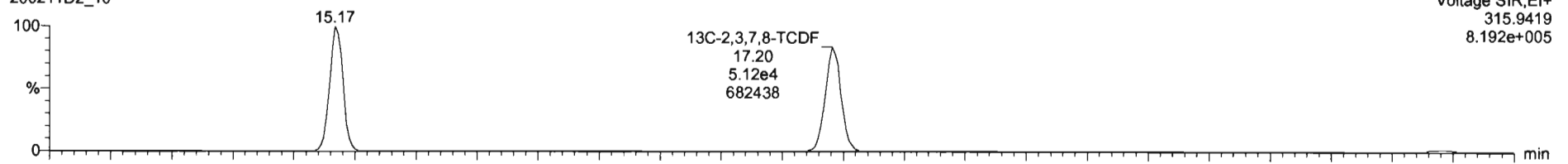


200211D2_10

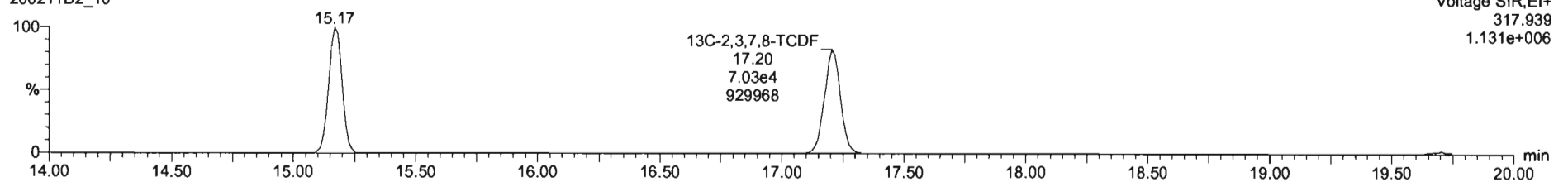


13C-2,3,7,8-TCDF

200211D2_10



200211D2_10



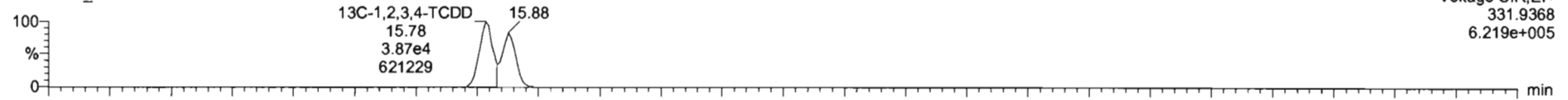
Dataset: U:\VG7.PRO\Results\200211D2\200211D2_10.qld

Last Altered: Wednesday, February 12, 2020 10:51:20 Pacific Standard Time
Printed: Wednesday, February 12, 2020 10:53:15 Pacific Standard Time

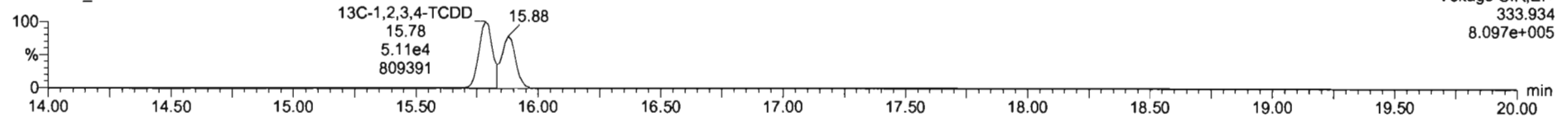
Name: 200211D2_10, Date: 12-Feb-2020, Time: 00:42:33, ID: SS200211D2-1 1613 SSS 19L2308, Description: 1613 SSS 19L2308

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

200211D2_10

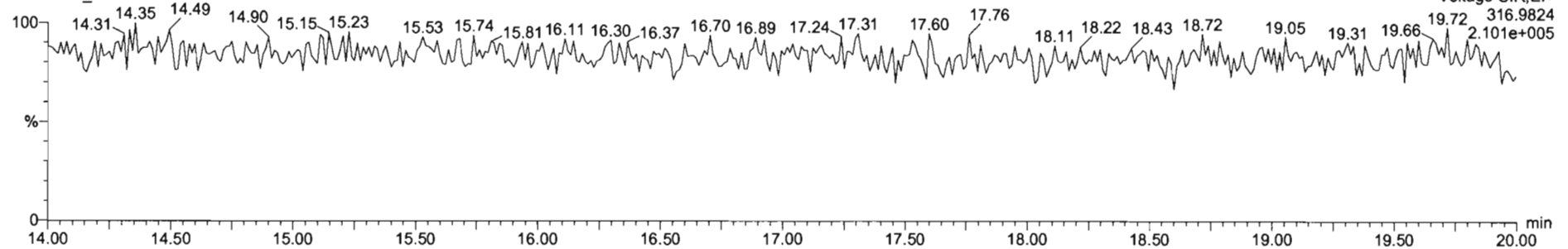


200211D2_10



PFK1

200211D2_10



DPE1

200211D2_10

