



June 23, 2020

**Vista Work Order No. 2000962**

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 28, 2020 under your Project Name 'Gasco PDI'.

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](mailto: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. 2000962**

**Case Narrative**

**Sample Condition on Receipt:**

Fourteen 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 EPA Method 1613 analyses of the samples were assigned to Vista Work Order No. 2000957.

**Analytical Notes:**

**EPA Method 1668C**

Samples "PDI-147SC-A-00-01-200425" and "PDI-149SC-A-00-01-200425" were extracted and analyzed for 209 PCB congeners by EPA Method 1668C using a ZB-1 GC column.

**Holding Times**

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

**Quality Control**

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

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

As requested, a duplicate was performed on sample "PDI-147SC-A-00-01-200425". The RPDs outside of the acceptance criteria are listed in bold font.

An interference co-eluting with the recovery standard 13C-PCB-15 cause the recoveries of the mono- and di-PCB internal standards to be biased high. The quantitation of the native analytes were not affected.

The labeled standard recoveries outside the method acceptance criteria are listed in the table below:

**QC Anomalies**

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-1	H	250
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-3	H	277
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-4	H	303
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-11	H	322
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-9	H	324
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-19	H	308
2000962-02	PDI-149SC-A-00-01-200425	EPA Method 1668C	13C-PCB-32	H	290

H = Recovery was outside laboratory acceptance criteria.

## TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	28
Certifications.....	29
Sample Receipt.....	32
Extraction Information.....	36
Sample Data - EPA Method 1668C.....	42
Continuing Calibration.....	287
Initial Calibration.....	432

# Sample Inventory Report

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
2000962-01	PDI-147SC-A-00-01-200425	25-Apr-20 14:57	28-Apr-20 09:04	Amber Glass, 120 mL
2000962-02	PDI-149SC-A-00-01-200425	25-Apr-20 13:06	28-Apr-20 09:04	Amber Glass, 120 mL



## **ANALYTICAL RESULTS**

**Sample ID: Method Blank**

**EPA Method 1668C**

Matrix: Solid	QC Batch: B0F0059	Lab Sample: B0F0059-BLK1
Sample Size: 5.00 g	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 14-Jun-20 01:56 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND	0.472			PCB-44	ND	0.799		
PCB-2	ND	0.482			PCB-45	ND	0.836		
PCB-3	ND	0.497			PCB-46	ND	0.864		
PCB-4/10	ND	3.38			PCB-47	ND	0.714		
PCB-5/8	ND	2.62			PCB-48/75	ND	0.588		
PCB-6	ND	2.54			PCB-50	ND	0.639		
PCB-7/9	ND	2.71			PCB-51	ND	0.674		
PCB-11	ND	2.46			PCB-52/69	ND	0.615		
PCB-12/13	ND	2.70			PCB-53	ND	0.720		
PCB-14	ND	2.72			PCB-54	ND	0.521		
PCB-15	ND	2.68			PCB-55	ND	0.440		
PCB-16/32	ND	0.998			PCB-56/60	ND	0.505		
PCB-17	ND	1.22			PCB-57	ND	0.471		
PCB-18	ND	1.13			PCB-58	ND	0.455		
PCB-19	ND	1.21			PCB-61/70	ND	0.520		
PCB-20/21/33	ND	0.885			PCB-62	ND	0.584		
PCB-22	ND	0.857			PCB-63	ND	0.511		
PCB-23	ND	0.944			PCB-65	ND	0.513		
PCB-24/27	ND	0.853			PCB-66/76	ND	0.471		
PCB-25	ND	0.877			PCB-67	ND	0.505		
PCB-26	ND	0.883			PCB-68	ND	0.515		
PCB-28	ND	0.813			PCB-73	ND	0.497		
PCB-29	ND	0.933			PCB-74	ND	0.462		
PCB-30	ND	0.747			PCB-77	ND	0.475		
PCB-31	ND	0.804			PCB-78	ND	0.456		
PCB-34	ND	0.881			PCB-79	ND	0.452		
PCB-35	ND	0.859			PCB-80	ND	0.433		
PCB-36	ND	0.834			PCB-81	ND	0.495		
PCB-37	ND	0.889			PCB-82	ND	1.26		
PCB-38	ND	0.853			PCB-83	ND	0.752		
PCB-39	ND	0.908			PCB-84/92	ND	1.17		
PCB-40	ND	1.09			PCB-85/116	ND	0.976		
PCB-41/64/71/72	ND	0.554			PCB-86	ND	1.23		
PCB-42/59	ND	0.627			PCB-87/117/125	ND	0.883		
PCB-43/49	ND	0.706			PCB-88/91	ND	1.11		

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

See

**Sample ID: Method Blank**

**EPA Method 1668C**

Matrix: Solid	QC Batch: B0F0059	Lab Sample: B0F0059-BLK1
Sample Size: 5.00 g	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 14-Jun-20 01:56 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND	1.08			PCB-137	ND	0.642		
PCB-90/101	ND	1.06			PCB-138/163/164	ND	0.506		
PCB-93	ND	1.27			PCB-139/149	ND	0.744		
PCB-94	ND	1.25			PCB-140	ND	0.889		
PCB-95/98/102	ND	0.984			PCB-141	ND	0.694		
PCB-96	ND	0.858			PCB-142	ND	0.715		
PCB-97	ND	1.07			PCB-144	ND	0.894		
PCB-99	ND	0.901			PCB-145	ND	0.593		
PCB-100	ND	1.04			PCB-146/165	ND	0.530		
PCB-103	ND	1.06			PCB-147	ND	0.845		
PCB-104	ND	0.882			PCB-148	ND	0.838		
PCB-105	ND	0.756			PCB-150	ND	0.651		
PCB-106/118	ND	0.801			PCB-151	ND	0.897		
PCB-107/109	ND	0.731			PCB-152	ND	0.594		
PCB-108/112	ND	0.953			PCB-153	ND	0.503		
PCB-110	ND	0.790			PCB-154	ND	0.767		
PCB-111/115	ND	0.721			PCB-155	ND	0.676		
PCB-113	ND	0.786			PCB-156	ND	0.487		
PCB-114	ND	0.700			PCB-157	ND	0.510		
PCB-119	ND	0.763			PCB-158/160	ND	0.524		
PCB-120	ND	0.687			PCB-159	ND	0.438		
PCB-121	ND	0.694			PCB-166	ND	0.467		
PCB-122	ND	0.846			PCB-167	ND	0.478		
PCB-123	ND	0.819			PCB-168	ND	0.500		
PCB-124	ND	0.703			PCB-169	ND	0.506		
PCB-126	ND	0.622			PCB-170	ND	0.687		
PCB-127	ND	0.715			PCB-171	ND	0.644		
PCB-128/162	ND	0.588			PCB-172	ND	0.617		
PCB-129	ND	0.749			PCB-173	ND	0.713		
PCB-130	ND	0.805			PCB-174	ND	0.626		
PCB-131/133	ND	0.657			PCB-175	ND	0.603		
PCB-132/161	ND	0.526			PCB-176	ND	0.441		
PCB-134/143	ND	0.710			PCB-177	ND	0.664		
PCB-135	ND	0.765			PCB-178	ND	0.611		
PCB-136	ND	0.691			PCB-179	ND	0.444		

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

See

Sample ID: Method Blank					EPA Method 1668C				
Matrix: Solid		QC Batch: B0F0059			Lab Sample: B0F0059-BLK1				
Sample Size: 5.00 g		Date Extracted: 08-Jun-2020 12:43			Date Analyzed: 14-Jun-20 01:56 Column: ZB-1				
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	ND	0.601			Total octaCB	ND	0.580		
PCB-181	ND	0.575			Total nonaCB	ND		0.282	
PCB-182/187	ND	0.541			DecaCB	ND	0.119		
PCB-183	ND	0.564			Total PCB	ND			
PCB-184	ND	0.468							
PCB-185	ND	0.603							
PCB-186	ND	0.434							
PCB-188	ND	0.447							
PCB-189	ND	0.423							
PCB-190	ND	0.520							
PCB-191	ND	0.496							
PCB-192	ND	0.464							
PCB-193	ND	0.506							
PCB-194	ND	0.431							
PCB-195	ND	0.460							
PCB-196/203	ND	0.550							
PCB-197	ND	0.407							
PCB-198	ND	0.580							
PCB-199	ND	0.569							
PCB-200	ND	0.430							
PCB-201	ND	0.438							
PCB-202	ND	0.394							
PCB-204	ND	0.404							
PCB-205	ND	0.373							
PCB-206	ND	0.282							
PCB-207	ND	0.224							
PCB-208	ND		0.282						
PCB-209	ND	0.119							
Total monoCB	ND	0.497							
Total diCB	ND	3.38							
Total triCB	ND	1.22							
Total tetraCB	ND	1.09							
Total pentaCB	ND	1.27							
Total hexaCB	ND	0.894							
Total heptaCB	ND	0.713							

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.  
individual congeners for qualifiers.

See

**Sample ID: Method Blank**

**EPA Method 1668C**

Matrix: Solid	QC Batch: B0F0059	Lab Sample: B0F0059-BLK1
Sample Size: 5.00 g	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 14-Jun-20 01:56 Column: ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	75.7	5 - 145		13C-PCB-157	92.5	10 - 145	
13C-PCB-3	75.1	5 - 145		13C-PCB-159	88.5	10 - 145	
13C-PCB-4	77.8	5 - 145		13C-PCB-167	88.9	10 - 145	
13C-PCB-11	76.5	5 - 145		13C-PCB-169	90.3	10 - 145	
13C-PCB-9	77.8	5 - 145		13C-PCB-170	94.2	10 - 145	
13C-PCB-19	62.6	5 - 145		13C-PCB-180	90.3	10 - 145	
13C-PCB-28	75.4	5 - 145		13C-PCB-188	86.2	10 - 145	
13C-PCB-32	61.8	5 - 145		13C-PCB-189	99.0	10 - 145	
13C-PCB-37	77.6	5 - 145		13C-PCB-194	84.7	10 - 145	
13C-PCB-47	78.1	5 - 145		13C-PCB-202	88.3	10 - 145	
13C-PCB-52	76.1	5 - 145		13C-PCB-206	104	10 - 145	
13C-PCB-54	76.4	5 - 145		13C-PCB-208	83.0	10 - 145	
13C-PCB-70	82.9	5 - 145		13C-PCB-209	132	10 - 145	
13C-PCB-77	84.3	10 - 145		CRS 13C-PCB-79	92.6	10 - 145	
13C-PCB-80	82.5	10 - 145		13C-PCB-178	89.0	10 - 145	
13C-PCB-81	83.9	10 - 145					
13C-PCB-95	85.8	10 - 145					
13C-PCB-97	87.0	10 - 145					
13C-PCB-101	86.2	10 - 145					
13C-PCB-104	83.5	10 - 145					
13C-PCB-105	94.7	10 - 145					
13C-PCB-114	94.5	10 - 145					
13C-PCB-118	87.2	10 - 145					
13C-PCB-123	91.4	10 - 145					
13C-PCB-126	102	10 - 145					
13C-PCB-127	95.1	10 - 145					
13C-PCB-138	87.1	10 - 145					
13C-PCB-141	86.8	10 - 145					
13C-PCB-153	89.5	10 - 145					
13C-PCB-155	83.5	10 - 145					
13C-PCB-156	90.8	10 - 145					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

See

**Sample ID: OPR**

**EPA Method 1668C**

Matrix: Solid  
Sample Size: 5.00 g

QC Batch: B0F0059  
Date Extracted: 08-Jun-2020 12:43

Lab Sample: B0F0059-BS1  
Date Analyzed: 13-Jun-20 21:52 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-1	1290	1000	129	60 - 135	IS 13C-PCB-1	80.0	15 - 145
PCB-3	1270	1000	127	60 - 135	IS 13C-PCB-3	79.6	15 - 145
PCB-4/10	2460	2000	123	60 - 135	IS 13C-PCB-4	82.5	15 - 145
PCB-15	1220	1000	122	60 - 135	IS 13C-PCB-11	79.8	15 - 145
PCB-19	1180	1000	118	60 - 135	IS 13C-PCB-9	82.5	15 - 145
PCB-37	1280	1000	128	60 - 135	IS 13C-PCB-19	65.6	15 - 145
PCB-54	1210	1000	121	60 - 135	IS 13C-PCB-28	80.3	15 - 145
PCB-77	1170	1000	117	60 - 135	IS 13C-PCB-32	65.8	15 - 145
PCB-81	1230	1000	123	60 - 135	IS 13C-PCB-37	79.8	15 - 145
PCB-104	1190	1000	119	60 - 135	IS 13C-PCB-47	82.7	15 - 145
PCB-105	1190	1000	119	60 - 135	IS 13C-PCB-52	83.8	15 - 145
PCB-106/118	2310	2000	115	60 - 135	IS 13C-PCB-54	83.5	15 - 145
PCB-114	1160	1000	116	60 - 135	IS 13C-PCB-70	85.2	15 - 145
PCB-123	1120	1000	112	60 - 135	IS 13C-PCB-77	87.4	40 - 145
PCB-126	1170	1000	117	60 - 135	IS 13C-PCB-80	86.4	40 - 145
PCB-155	1090	1000	109	60 - 135	IS 13C-PCB-81	88.7	40 - 145
PCB-156	1180	1000	118	60 - 135	IS 13C-PCB-95	84.4	40 - 145
PCB-157	1170	1000	117	60 - 135	IS 13C-PCB-97	88.2	40 - 145
PCB-167	1170	1000	117	60 - 135	IS 13C-PCB-101	85.3	40 - 145
PCB-169	1180	1000	118	60 - 135	IS 13C-PCB-104	84.1	40 - 145
PCB-188	1170	1000	117	60 - 135	IS 13C-PCB-105	97.4	40 - 145
PCB-189	1160	1000	116	60 - 135	IS 13C-PCB-114	96.6	40 - 145
PCB-202	1120	1000	112	60 - 135	IS 13C-PCB-118	90.3	40 - 145
PCB-205	1210	1000	121	60 - 135	IS 13C-PCB-123	90.0	40 - 145
PCB-206	1100	1000	110	60 - 135	IS 13C-PCB-126	108	40 - 145
PCB-208	1150	1000	115	60 - 135	IS 13C-PCB-127	100	40 - 145
PCB-209	1150	1000	115	60 - 135	IS 13C-PCB-138	87.8	40 - 145
					IS 13C-PCB-141	91.1	40 - 145
					IS 13C-PCB-153	91.5	40 - 145
					IS 13C-PCB-155	83.9	40 - 145
					IS 13C-PCB-156	87.6	40 - 145
					IS 13C-PCB-157	89.9	40 - 145
					IS 13C-PCB-159	91.8	40 - 145
					IS 13C-PCB-167	87.5	40 - 145
					IS 13C-PCB-169	85.7	40 - 145
					IS 13C-PCB-170	88.2	40 - 145
					IS 13C-PCB-180	90.1	40 - 145
					IS 13C-PCB-188	89.0	40 - 145
					IS 13C-PCB-189	91.3	40 - 145
					IS 13C-PCB-194	87.5	40 - 145

**Sample ID: OPR**

**EPA Method 1668C**

Matrix: Solid  
Sample Size: 5.00 g

QC Batch: B0F0059  
Date Extracted: 08-Jun-2020 12:43

Lab Sample: B0F0059-BS1  
Date Analyzed: 13-Jun-20 21:52 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
					IS 13C-PCB-202	87.4	40 - 145
					IS 13C-PCB-206	112	40 - 145
					IS 13C-PCB-208	86.9	40 - 145
					IS 13C-PCB-209	139	40 - 145
					CRS 13C-PCB-79	88.4	40 - 145
					CRS 13C-PCB-178	85.1	40 - 145

LCL-UCL - Lower control limit - upper control limit

**Sample ID: PDI-147SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.61 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	25-Apr-2020 14:57	% Solids:	66.3	Date Analyzed :	15-Jun-20 20:01	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND		2.50		PCB-44	89.8			
PCB-2	ND		6.87		PCB-45	10.8			
PCB-3	2.79			J	PCB-46	ND		5.51	
PCB-4/10	12.8				PCB-47	61.5			
PCB-5/8	21.0				PCB-48/75	14.8			
PCB-6	4.95				PCB-50	ND		0.617	
PCB-7/9	ND	0.813			PCB-51	14.0			
PCB-11	24.6				PCB-52/69	129			
PCB-12/13	ND	0.807			PCB-53	23.1			
PCB-14	ND	0.814			PCB-54	2.96			J
PCB-15	19.6				PCB-55	1.28			J
PCB-16/32	26.1				PCB-56/60	54.1			
PCB-17	22.2				PCB-57	ND		0.709	
PCB-18	38.4				PCB-58	ND		0.794	
PCB-19	12.6				PCB-61/70	128			
PCB-20/21/33	31.8				PCB-62	ND	0.473		
PCB-22	18.3				PCB-63	5.21			
PCB-23	ND	0.715			PCB-65	ND	0.416		
PCB-24/27	4.69			J	PCB-66/76	106			
PCB-25	7.87				PCB-67	2.94			J
PCB-26	12.6				PCB-68	ND		2.35	
PCB-28	73.1				PCB-73	ND	0.359		
PCB-29	ND	0.707			PCB-74	47.7			
PCB-30	ND	0.558			PCB-77	12.3			
PCB-31	55.2				PCB-78	ND	0.357		
PCB-34	ND	0.667			PCB-79	2.21			J
PCB-35	ND	0.643			PCB-80	ND	0.332		
PCB-36	ND	0.624			PCB-81	ND	0.388		
PCB-37	28.2				PCB-82	22.8			
PCB-38	ND	0.638			PCB-83	ND	0.523		
PCB-39	ND	0.679			PCB-84/92	99.3			
PCB-40	16.3				PCB-85/116	30.1			
PCB-41/64/71/72	82.0				PCB-86	ND	0.857		
PCB-42/59	30.8				PCB-87/117/125	58.5			
PCB-43/49	105				PCB-88/91	37.1			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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



**Sample ID: PDI-147SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.61 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	25-Apr-2020 14:57	% Solids:	66.3	Date Analyzed :	15-Jun-20 20:01	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND		1.78		PCB-137	10.7			
PCB-90/101	266				PCB-138/163/164	305			
PCB-93	ND	0.868			PCB-139/149	270			
PCB-94	ND		2.53		PCB-140	ND	0.453		
PCB-95/98/102	162				PCB-141	57.2			
PCB-96	2.52			J	PCB-142	ND	0.654		
PCB-97	53.6				PCB-144	ND		13.6	
PCB-99	106				PCB-145	ND	0.303		
PCB-100	6.20				PCB-146/165	61.8			
PCB-103	8.45				PCB-147	12.6			
PCB-104	ND	0.588			PCB-148	ND		2.00	
PCB-105	58.6				PCB-150	ND		2.10	
PCB-106/118	186				PCB-151	96.0			
PCB-107/109	16.8				PCB-152	ND		0.648	
PCB-108/112	ND		7.55		PCB-153	326			
PCB-110	220				PCB-154	ND		8.04	
PCB-111/115	2.86			J	PCB-155	ND	0.345		
PCB-113	1.03			J	PCB-156	25.3			
PCB-114	3.17			J	PCB-157	4.66			J
PCB-119	11.6				PCB-158/160	28.2			
PCB-120	2.06			J	PCB-159	ND	0.411		
PCB-121	ND	0.475			PCB-166	ND	0.437		
PCB-122	1.93			J	PCB-167	10.3			
PCB-123	ND		3.18		PCB-168	ND	0.458		
PCB-124	7.02				PCB-169	ND	0.424		
PCB-126	ND		0.919		PCB-170	96.4			
PCB-127	ND	0.710			PCB-171	ND		26.3	
PCB-128/162	38.4				PCB-172	17.0			
PCB-129	8.88				PCB-173	2.91			J
PCB-130	21.8				PCB-174	115			
PCB-131/133	10.8				PCB-175	4.46			J
PCB-132/161	70.4				PCB-176	15.1			
PCB-134/143	15.1				PCB-177	66.5			
PCB-135	47.3				PCB-178	27.0			
PCB-136	52.9				PCB-179	49.8			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-147SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-01
Project:	Gasco PDI	Sample Size:	7.61 g	Date Received:	28-Apr-2020 9:04
Date Collected:	25-Apr-2020 14:57	% Solids:	66.3	QC Batch:	B0F0059
				Date Analyzed :	15-Jun-20 20:01 Column: ZB-1
				Date Extracted:	08-Jun-2020 12:43

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	246				Total octaCB	316		324	
PCB-181	ND	0.585			Total nonaCB	60.3			
PCB-182/187	147				DecaCB	41.2			
PCB-183	62.4				Total PCB	5510			
PCB-184	ND	0.473							
PCB-185	13.2								
PCB-186	ND	0.438							
PCB-188	ND		0.635						
PCB-189	3.85			J					
PCB-190	23.0								
PCB-191	ND		3.94						
PCB-192	ND	0.472							
PCB-193	14.2								
PCB-194	66.6								
PCB-195	26.7								
PCB-196/203	96.3								
PCB-197	ND		1.70						
PCB-198	ND		3.50						
PCB-199	92.0								
PCB-200	9.26								
PCB-201	11.2								
PCB-202	14.3								
PCB-204	ND	0.583							
PCB-205	ND		2.71						
PCB-206	43.3								
PCB-207	5.34								
PCB-208	11.6								
PCB-209	41.2								
Total monoCB	2.79		12.2						
Total diCB	82.9								
Total triCB	331								
Total tetraCB	940		950						
Total pentaCB	1360		1380						
Total hexaCB	1470		1500						
Total heptaCB	904		935						

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-147SC-A-00-01-200425**

**EPA Method 1668C**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-01
Project:	Gasco PDI	Sample Size:	7.61 g	Date Received:	28-Apr-2020 9:04
Date Collected:	25-Apr-2020 14:57	% Solids:	66.3	QC Batch:	B0F0059
				Date Analyzed :	15-Jun-20 20:01 Column: ZB-1
Date Received:				Date Extracted:	08-Jun-2020 12:43

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	72.1	5 -145		13C-PCB-170	110	10 -145	
13C-PCB-3	78.2	5 -145		13C-PCB-180	105	10 -145	
13C-PCB-4	87.2	5 -145		13C-PCB-188	95.6	10 -145	
13C-PCB-11	96.7	5 -145		13C-PCB-189	107	10 -145	
13C-PCB-9	87.4	5 -145		13C-PCB-194	99.4	10 -145	
13C-PCB-19	71.6	5 -145		13C-PCB-202	74.5	10 -145	
13C-PCB-28	93.6	5 -145		13C-PCB-206	115	10 -145	
13C-PCB-32	70.7	5 -145		13C-PCB-208	91.9	10 -145	
13C-PCB-37	95.7	5 -145		13C-PCB-209	141	10 -145	
13C-PCB-47	95.6	5 -145		CRS 13C-PCB-79	103	10 -145	
13C-PCB-52	96.2	5 -145		13C-PCB-178	82.0	10 -145	
13C-PCB-54	92.8	5 -145					
13C-PCB-70	96.5	5 -145					
13C-PCB-77	98.6	10 -145					
13C-PCB-80	99.0	10 -145					
13C-PCB-81	100	10 -145					
13C-PCB-95	98.5	10 -145					
13C-PCB-97	99.2	10 -145					
13C-PCB-101	99.8	10 -145					
13C-PCB-104	96.6	10 -145					
13C-PCB-105	109	10 -145					
13C-PCB-114	109	10 -145					
13C-PCB-118	98.7	10 -145					
13C-PCB-123	100	10 -145					
13C-PCB-126	107	10 -145					
13C-PCB-127	110	10 -145					
13C-PCB-138	95.2	10 -145					
13C-PCB-141	98.8	10 -145					
13C-PCB-153	96.0	10 -145					
13C-PCB-155	71.9	10 -145					
13C-PCB-156	98.1	10 -145					
13C-PCB-157	97.7	10 -145					
13C-PCB-159	93.6	10 -145					
13C-PCB-167	95.6	10 -145					
13C-PCB-169	104	10 -145					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425	QC Batch: B0F0059	Lab Sample: B0F0059-DUP1
Source LabNumber: 2000962-01	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 15-Jun-20 19:00 Column: ZB-1
Matrix: Solid		
Sample Size: 7.56 g		

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND		2.98		PCB-42/59	31.8			
PCB-2	7.50				PCB-43/49	112			
PCB-3	4.78			J	PCB-44	91.0			
PCB-4/10	15.6				PCB-45	12.3			
PCB-5/8	42.5				PCB-46	6.09			
PCB-6	9.15				PCB-47	64.3			
PCB-7/9	ND	0.839			PCB-48/75	15.5			
PCB-11	29.3				PCB-50	ND		0.822	
PCB-12/13	ND	0.794			PCB-51	13.8			
PCB-14	ND	0.801			PCB-52/69	137			
PCB-15	24.9				PCB-53	22.5			
PCB-16/32	39.3				PCB-54	3.62			J
PCB-17	34.5				PCB-55	ND		1.27	
PCB-18	62.8				PCB-56/60	66.3			
PCB-19	ND		12.9		PCB-57	ND		0.589	
PCB-20/21/33	51.5				PCB-58	ND		0.697	
PCB-22	29.7				PCB-61/70	154			
PCB-23	ND	0.642			PCB-62	ND	0.348		
PCB-24/27	6.63			J	PCB-63	5.40			
PCB-25	11.0				PCB-65	ND	0.306		
PCB-26	19.5				PCB-66/76	126			
PCB-28	114				PCB-67	3.14			J
PCB-29	ND		0.664		PCB-68	ND		2.54	
PCB-30	ND	0.482			PCB-73	ND		0.581	
PCB-31	81.1				PCB-74	61.2			
PCB-34	ND		1.16		PCB-77	13.1			
PCB-35	ND		1.89		PCB-78	ND	0.308		
PCB-36	ND	0.571			PCB-79	2.58			J
PCB-37	33.0				PCB-80	ND	0.277		
PCB-38	ND	0.585			PCB-81	ND	0.334		
PCB-39	ND	0.622			PCB-82	ND		19.9	
PCB-40	18.1				PCB-83	ND	0.536		
PCB-41/64/71/72	91.6				PCB-84/92	96.1			

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.  
individual congeners for qualifiers.

The sample size is reported in wet weight. See

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425	QC Batch: B0F0059	Lab Sample: B0F0059-DUP1
Source LabNumber: 2000962-01	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 15-Jun-20 19:00 Column: ZB-1
Matrix: Solid		
Sample Size: 7.56 g		

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-85/116	29.1				PCB-130	22.3			
PCB-86	ND	0.880			PCB-131/133	9.23			J
PCB-87/117/125	54.1				PCB-132/161	70.0			
PCB-88/91	36.1				PCB-134/143	ND		14.0	
PCB-89	ND		0.696		PCB-135	38.2			
PCB-90/101	253				PCB-136	46.5			
PCB-93	ND	0.930			PCB-137	8.81			
PCB-94	ND		2.24		PCB-138/163/164	281			
PCB-95/98/102	166				PCB-139/149	224			
PCB-96	3.10			J	PCB-140	ND		3.12	
PCB-97	52.1				PCB-141	51.0			
PCB-99	103				PCB-142	ND	0.544		
PCB-100	7.00				PCB-144	ND		10.2	
PCB-103	ND		6.26		PCB-145	ND	0.763		
PCB-104	ND	0.597			PCB-146/165	56.4			
PCB-105	57.9				PCB-147	9.08			
PCB-106/118	190				PCB-148	ND	1.08		
PCB-107/109	16.8				PCB-150	ND		1.78	
PCB-108/112	ND		7.97		PCB-151	87.5			
PCB-110	214				PCB-152	ND	0.764		
PCB-111/115	2.04			J	PCB-153	296			
PCB-113	ND	0.591			PCB-154	9.76			
PCB-114	ND		2.65		PCB-155	ND	0.869		
PCB-119	ND		9.82		PCB-156	23.4			
PCB-120	ND		1.42		PCB-157	4.53			J
PCB-121	ND	0.509			PCB-158/160	26.1			
PCB-122	1.56			J	PCB-159	ND	0.330		
PCB-123	ND		3.13		PCB-166	0.712			J
PCB-124	6.54				PCB-167	9.23			
PCB-126	1.08			J	PCB-168	ND	0.381		
PCB-127	ND	0.652			PCB-169	ND	0.377		
PCB-128/162	35.9				PCB-170	95.5			
PCB-129	9.78				PCB-171	25.9			

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL - Lower control limit - upper control limit

The results are reported in dry weight.  
individual congeners for qualifiers.

The sample size is reported in wet weight. See

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425	QC Batch: B0F0059	Lab Sample: B0F0059-DUP1
Source LabNumber: 2000962-01	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 15-Jun-20 19:00 Column: ZB-1
Matrix: Solid		
Sample Size: 7.56 g		

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-172	14.6				PCB-207	5.01			
PCB-173	ND		1.84		PCB-208	11.3			
PCB-174	105				PCB-209	46.4			
PCB-175	3.70			J	Total monoCB	12.3		15.3	
PCB-176	12.4				Total diCB	121			
PCB-177	62.0				Total triCB	483		500	
PCB-178	23.0				Total tetraCB	1050		1060	
PCB-179	45.8				Total pentaCB	1290		1340	
PCB-180	227				Total hexaCB	1320		1350	
PCB-181	ND	0.387			Total heptaCB	848		853	
PCB-182/187	132				Total octaCB	212		255	
PCB-183	54.9				Total nonaCB	55.7			
PCB-184	ND	0.292			DecaCB	46.4			
PCB-185	11.1				Total PCB	5440			
PCB-186	ND	0.271							
PCB-188	0.572			J					
PCB-189	ND		2.93						
PCB-190	20.6								
PCB-191	3.42			J					
PCB-192	ND	0.313							
PCB-193	11.3								
PCB-194	53.8								
PCB-195	ND		18.1						
PCB-196/203	80.2								
PCB-197	ND		1.39						
PCB-198	ND		3.03						
PCB-199	66.5								
PCB-200	8.73								
PCB-201	ND		7.73						
PCB-202	ND		13.0						
PCB-204	ND	0.405							
PCB-205	2.37			J					
PCB-206	39.5								

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.  
individual congeners for qualifiers.

The sample size is reported in wet weight. See

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425	QC Batch: B0F0059	Lab Sample: B0F0059-DUP1
Source LabNumber: 2000962-01	Date Extracted: 08-Jun-2020 12:43	Date Analyzed: 15-Jun-20 19:00 Column: ZB-1
Matrix: Solid		
Sample Size: 7.56 g		

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	60.7	5-145		13C-PCB-157	95.4	10-145	
13C-PCB-3	67.7	5-145		13C-PCB-159	93.9	10-145	
13C-PCB-4	76.3	5-145		13C-PCB-167	93.8	10-145	
13C-PCB-11	90.7	5-145		13C-PCB-169	94.6	10-145	
13C-PCB-9	81.0	5-145		13C-PCB-170	102	10-145	
13C-PCB-19	67.0	5-145		13C-PCB-180	98.4	10-145	
13C-PCB-28	102	5-145		13C-PCB-188	97.4	10-145	
13C-PCB-32	68.9	5-145		13C-PCB-189	94.8	10-145	
13C-PCB-37	98.5	5-145		13C-PCB-194	95.2	10-145	
13C-PCB-47	97.8	5-145		13C-PCB-202	74.7	10-145	
13C-PCB-52	98.7	5-145		13C-PCB-206	106	10-145	
13C-PCB-54	93.4	5-145		13C-PCB-208	88.2	10-145	
13C-PCB-70	94.8	5-145		13C-PCB-209	131	10-145	
13C-PCB-77	94.3	10-145		CRS 13C-PCB-79	97.7	10-145	
13C-PCB-80	94.5	10-145		13C-PCB-178	83.8	10-145	
13C-PCB-81	94.2	10-145					
13C-PCB-95	95.8	10-145					
13C-PCB-97	100	10-145					
13C-PCB-101	98.0	10-145					
13C-PCB-104	98.2	10-145					
13C-PCB-105	108	10-145					
13C-PCB-114	111	10-145					
13C-PCB-118	92.6	10-145					
13C-PCB-123	94.2	10-145					
13C-PCB-126	109	10-145					
13C-PCB-127	108	10-145					
13C-PCB-138	95.3	10-145					
13C-PCB-141	98.9	10-145					
13C-PCB-153	96.1	10-145					
13C-PCB-155	70.4	10-145					
13C-PCB-156	95.2	10-145					

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.  
individual congeners for qualifiers.

The sample size is reported in wet weight. See

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425  
 Source LabNumber: 2000962-01  
 Matrix: Solid

Duplicate Lab Sample: B0F0059-DUP1

Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit	Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit
PCB-1	ND	ND	NA	25	PCB-43/49	112	105	7.26	25
PCB-2	7.50	ND	#	25	PCB-44	91.0	89.8	1.33	25
PCB-3	4.78	2.79	52.6	25	PCB-45	12.3	10.8	13.3	25
PCB-4/10	15.6	12.8	19.8	25	PCB-46	6.09	ND	#	25
PCB-5/8	42.5	21.0	68.0	25	PCB-47	64.3	61.5	4.47	25
PCB-6	9.15	4.95	59.6	25	PCB-48/75	15.5	14.8	4.55	25
PCB-7/9	ND	ND	NA	25	PCB-50	ND	ND	NA	25
PCB-11	29.3	24.6	17.5	25	PCB-51	13.8	14.0	1.25	25
PCB-12/13	ND	ND	NA	25	PCB-52/69	137	129	6.04	25
PCB-14	ND	ND	NA	25	PCB-53	22.5	23.1	2.62	25
PCB-15	24.9	19.6	23.5	25	PCB-54	3.62	2.96	19.8	25
PCB-16/32	39.3	26.1	40.2	25	PCB-55	ND	1.28	#	25
PCB-17	34.5	22.2	43.4	25	PCB-56/60	66.3	54.1	20.3	25
PCB-18	62.8	38.4	48.2	25	PCB-57	ND	ND	NA	25
PCB-19	ND	12.6	#	25	PCB-58	ND	ND	NA	25
PCB-20/21/33	51.5	31.8	47.4	25	PCB-61/70	154	128	17.9	25
PCB-22	29.7	18.3	47.7	25	PCB-62	ND	ND	NA	25
PCB-23	ND	ND	NA	25	PCB-63	5.40	5.21	3.64	25
PCB-24/27	6.63	4.69	34.2	25	PCB-65	ND	ND	NA	25
PCB-25	11.0	7.87	33.2	25	PCB-66/76	126	106	17.4	25
PCB-26	19.5	12.6	42.8	25	PCB-67	3.14	2.94	6.75	25
PCB-28	114	73.1	43.7	25	PCB-68	ND	ND	NA	25
PCB-29	ND	ND	NA	25	PCB-73	ND	ND	NA	25
PCB-30	ND	ND	NA	25	PCB-74	61.2	47.7	24.8	25
PCB-31	81.1	55.2	38.0	25	PCB-77	13.1	12.3	6.48	25
PCB-34	ND	ND	NA	25	PCB-78	ND	ND	NA	25
PCB-35	ND	ND	NA	25	PCB-79	2.58	2.21	15.6	25
PCB-36	ND	ND	NA	25	PCB-80	ND	ND	NA	25
PCB-37	33.0	28.2	15.6	25	PCB-81	ND	ND	NA	25
PCB-38	ND	ND	NA	25	PCB-82	ND	22.8	#	25
PCB-39	ND	ND	NA	25	PCB-83	ND	ND	NA	25
PCB-40	18.1	16.3	10.1	25	PCB-84/92	96.1	99.3	3.19	25
PCB-41/64/71/72	91.6	82.0	11.1	25	PCB-85/116	29.1	30.1	3.30	25
PCB-42/59	31.8	30.8	3.14	25	PCB-86	ND	ND	NA	25

LCL-UCL - Lower control limit - upper control limit.

# - Result could not be calculated due to one or more non-detected analytes

The results are reported in dry weight.

The sample size is reported in wet weight. Results reported to



**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425  
 Source LabNumber: 2000962-01  
 Matrix: Solid

Duplicate Lab Sample: B0F0059-DUP1

Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit	Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit
PCB-87/117/125	54.1	58.5	7.84	25	PCB-134/143	ND	15.1	#	25
PCB-88/91	36.1	37.1	2.86	25	PCB-135	38.2	47.3	21.2	25
PCB-89	ND	ND	NA	25	PCB-136	46.5	52.9	12.9	25
PCB-90/101	253	266	4.67	25	PCB-137	8.81	10.7	19.7	25
PCB-93	ND	ND	NA	25	PCB-138/163/164	281	305	8.18	25
PCB-94	ND	ND	NA	25	PCB-139/149	224	270	18.5	25
PCB-95/98/102	166	162	2.89	25	PCB-140	ND	ND	NA	25
PCB-96	3.10	2.52	20.8	25	PCB-141	51.0	57.2	11.5	25
PCB-97	52.1	53.6	2.90	25	PCB-142	ND	ND	NA	25
PCB-99	103	106	3.22	25	PCB-144	ND	ND	NA	25
PCB-100	7.00	6.20	12.2	25	PCB-145	ND	ND	NA	25
PCB-103	ND	8.45	#	25	PCB-146/165	56.4	61.8	9.11	25
PCB-104	ND	ND	NA	25	PCB-147	9.08	12.6	32.7	25
PCB-105	57.9	58.6	1.32	25	PCB-148	ND	ND	NA	25
PCB-106/118	190	186	2.18	25	PCB-150	ND	ND	NA	25
PCB-107/109	16.8	16.8	0.372	25	PCB-151	87.5	96.0	9.25	25
PCB-108/112	ND	ND	NA	25	PCB-152	ND	ND	NA	25
PCB-110	214	220	2.47	25	PCB-153	296	326	9.58	25
PCB-111/115	2.04	2.86	33.3	25	PCB-154	9.76	ND	#	25
PCB-113	ND	1.03	#	25	PCB-155	ND	ND	NA	25
PCB-114	ND	3.17	#	25	PCB-156	23.4	25.3	7.88	25
PCB-119	ND	11.6	#	25	PCB-157	4.53	4.66	2.92	25
PCB-120	ND	2.06	#	25	PCB-158/160	26.1	28.2	7.64	25
PCB-121	ND	ND	NA	25	PCB-159	ND	ND	NA	25
PCB-122	1.56	1.93	21.6	25	PCB-166	0.712	ND	#	25
PCB-123	ND	ND	NA	25	PCB-167	9.23	10.3	10.7	25
PCB-124	6.54	7.02	7.19	25	PCB-168	ND	ND	NA	25
PCB-126	1.08	ND	#	25	PCB-169	ND	ND	NA	25
PCB-127	ND	ND	NA	25	PCB-170	95.5	96.4	0.910	25
PCB-128/162	35.9	38.4	6.73	25	PCB-171	25.9	ND	#	25
PCB-129	9.78	8.88	9.64	25	PCB-172	14.6	17.0	15.2	25
PCB-130	22.3	21.8	2.30	25	PCB-173	ND	2.91	#	25
PCB-131/133	9.23	10.8	15.3	25	PCB-174	105	115	9.52	25
PCB-132/161	70.0	70.4	0.470	25	PCB-175	3.70	4.46	18.6	25

LCL-UCL - Lower control limit - upper control limit.

# - Result could not be calculated due to one or more non-detected analytes

The results are reported in dry weight.

The sample size is reported in wet weight. Results reported to

the MDT

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425  
 Source LabNumber: 2000962-01  
 Matrix: Solid

Duplicate Lab Sample: B0F0059-DUP1

Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit	Analyte	Dup Conc. (pg/g)	Source Conc.	RPD	RPD Limit
PCB-176	12.4	15.1	19.6	25					
PCB-177	62.0	66.5	7.11	25					
PCB-178	23.0	27.0	16.0	25					
PCB-179	45.8	49.8	8.36	25					
PCB-180	227	246	8.27	25					
PCB-181	ND	ND	NA	25					
PCB-182/187	132	147	10.7	25					
PCB-183	54.9	62.4	12.8	25					
PCB-184	ND	ND	NA	25					
PCB-185	11.1	13.2	17.5	25					
PCB-186	ND	ND	NA	25					
PCB-188	0.572	ND	#	25					
PCB-189	ND	3.85	#	25					
PCB-190	20.6	23.0	10.9	25					
PCB-191	3.42	ND	#	25					
PCB-192	ND	ND	NA	25					
PCB-193	11.3	14.2	22.0	25					
PCB-194	53.8	66.6	21.2	25					
PCB-195	ND	26.7	#	25					
PCB-196/203	80.2	96.3	18.3	25					
PCB-197	ND	ND	NA	25					
PCB-198	ND	ND	NA	25					
PCB-199	66.5	92.0	<b>32.2</b>	25					
PCB-200	8.73	9.26	5.82	25					
PCB-201	ND	11.2	#	25					
PCB-202	ND	14.3	#	25					
PCB-204	ND	ND	NA	25					
PCB-205	2.37	ND	#	25					
PCB-206	39.5	43.3	9.38	25					
PCB-207	5.01	5.34	6.33	25					
PCB-208	11.3	11.6	2.93	25					
PCB-209	46.4	41.2	11.8	25					

LCL-UCL - Lower control limit - upper control limit.  
 # - Result could not be calculated due to one or more non-detected analytes  
 The results are reported in dry weight. The sample size is reported in wet weight. Results reported to the nearest 0.1.

**Sample ID: Duplicate**

**EPA Method 1668C**

Source Client ID: PDI-147SC-A-00-01-200425  
 Source LabNumber: 2000962-01  
 Matrix: Solid

Duplicate Lab Sample: B0F0059-DUP1

	Labeled Standard	Dup %R	Source %R	LCL-UCL		Labeled Standard	Dup %R	Source %R	LCL-UCL
IS	13C-PCB-1	60.7	72.1	5-145		13C-PCB-159	93.9	93.6	10-145
	13C-PCB-3	67.7	78.2	5-145		13C-PCB-167	93.8	95.6	10-145
	13C-PCB-4	76.3	87.2	5-145		13C-PCB-169	94.6	104	10-145
	13C-PCB-11	90.7	96.7	5-145		13C-PCB-170	102	110	10-145
	13C-PCB-9	81.0	87.4	5-145		13C-PCB-180	98.4	105	10-145
	13C-PCB-19	67.0	71.6	5-145		13C-PCB-188	97.4	95.6	10-145
	13C-PCB-28	102	93.6	5-145		13C-PCB-189	94.8	107	10-145
	13C-PCB-32	68.9	70.7	5-145		13C-PCB-194	95.2	99.4	10-145
	13C-PCB-37	98.5	95.7	5-145		13C-PCB-202	74.7	74.5	10-145
	13C-PCB-47	97.8	95.6	5-145		13C-PCB-206	106	115	10-145
	13C-PCB-52	98.7	96.2	5-145		13C-PCB-208	88.2	91.9	10-145
	13C-PCB-54	93.4	92.8	5-145		13C-PCB-209	131	141	10-145
	13C-PCB-70	94.8	96.5	5-145	CRS	13C-PCB-79	97.7	103	10-145
	13C-PCB-77	94.3	98.6	10-145		13C-PCB-178	83.8	82.0	10-145
	13C-PCB-80	94.5	99.0	10-145					
	13C-PCB-81	94.2	100	10-145					
	13C-PCB-95	95.8	98.5	10-145					
	13C-PCB-97	100	99.2	10-145					
	13C-PCB-101	98.0	99.8	10-145					
	13C-PCB-104	98.2	96.6	10-145					
	13C-PCB-105	108	109	10-145					
	13C-PCB-114	111	109	10-145					
	13C-PCB-118	92.6	98.7	10-145					
	13C-PCB-123	94.2	100	10-145					
	13C-PCB-126	109	107	10-145					
	13C-PCB-127	108	110	10-145					
	13C-PCB-138	95.3	95.2	10-145					
	13C-PCB-141	98.9	98.8	10-145					
	13C-PCB-153	96.1	96.0	10-145					
	13C-PCB-155	70.4	71.9	10-145					
	13C-PCB-156	95.2	98.1	10-145					
	13C-PCB-157	95.4	97.7	10-145					

LCL-UCL - Lower control limit - upper control limit.

# - Result could not be calculated due to one or more non-detected analytes

The results are reported in dry weight.

The sample size is reported in wet weight. Results reported to

the MDL

**Sample ID: PDI-149SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-02	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	6.15 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	25-Apr-2020 13:06	% Solids:	82.0	Date Analyzed :	15-Jun-20 21:00	Column:	ZB-1
					18-Jun-20 03:34	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	35.4			D, J	PCB-44	255			
PCB-2	29.5			D, J	PCB-45	33.6			
PCB-3	43.8			D, J	PCB-46	11.8			
PCB-4/10	ND	16.9		D	PCB-47	95.0			
PCB-5/8	66.4			D, J	PCB-48/75	41.9			
PCB-6	ND	12.4		D	PCB-50	ND		0.496	
PCB-7/9	ND	13.3		D	PCB-51	6.03			
PCB-11	ND	26.1		D	PCB-52/69	484			
PCB-12/13	ND	28.6		D	PCB-53	35.2			
PCB-14	ND	28.9		D	PCB-54	ND		1.48	
PCB-15	ND	28.4		D	PCB-55	4.73			J
PCB-16/32	ND		98.7	D	PCB-56/60	160			
PCB-17	ND		61.8	D	PCB-57	ND	8.59		
PCB-18	ND		43.5	D	PCB-58	ND	8.30		
PCB-19	ND	8.63		D	PCB-61/70	397			
PCB-20/21/33	116				PCB-62	ND	6.64		
PCB-22	ND		30.5		PCB-63	ND	9.32		
PCB-23	ND	1.73			PCB-65	ND	5.84		
PCB-24/27	ND	5.57		D	PCB-66/76	255			
PCB-25	23.0				PCB-67	ND	9.22		
PCB-26	25.7				PCB-68	ND	5.86		
PCB-28	162				PCB-73	ND	3.63		
PCB-29	ND	1.71			PCB-74	125			
PCB-30	ND	5.32		D	PCB-77	16.3			
PCB-31	208				PCB-78	ND	3.52		
PCB-34	ND	1.62			PCB-79	ND		6.11	
PCB-35	ND	1.26			PCB-80	ND	3.74		
PCB-36	ND	1.23			PCB-81	3.42			J
PCB-37	45.7				PCB-82	70.4			
PCB-38	ND	1.25			PCB-83	ND	0.636		
PCB-39	ND	1.33			PCB-84/92	435			
PCB-40	43.7				PCB-85/116	95.1			
PCB-41/64/71/72	186				PCB-86	ND	1.04		
PCB-42/59	73.2				PCB-87/117/125	255			
PCB-43/49	254				PCB-88/91	129			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-149SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-02	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	6.15 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	25-Apr-2020 13:06	% Solids:	82.0	Date Analyzed :	15-Jun-20 21:00	Column:	ZB-1
					18-Jun-20 03:34	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	6.94				PCB-137	31.3			
PCB-90/101	1250				PCB-138/163/164	1310			
PCB-93	ND	1.06			PCB-139/149	1440			
PCB-94	ND	1.05			PCB-140	ND		9.83	
PCB-95/98/102	865				PCB-141	348			
PCB-96	ND		5.23		PCB-142	ND	1.36		
PCB-97	203				PCB-144	97.0			
PCB-99	371				PCB-145	ND	0.398		
PCB-100	ND	0.993			PCB-146/165	222			
PCB-103	27.8				PCB-147	17.8			
PCB-104	ND	0.844			PCB-148	ND		3.30	
PCB-105	216				PCB-150	ND		5.34	
PCB-106/118	697				PCB-151	572			
PCB-107/109	44.7				PCB-152	ND	0.398		
PCB-108/112	30.9				PCB-153	1550			
PCB-110	878				PCB-154	34.2			
PCB-111/115	10.6				PCB-155	ND	0.453		
PCB-113	ND		2.00		PCB-156	99.6			
PCB-114	10.1				PCB-157	15.1			
PCB-119	32.6				PCB-158/160	132			
PCB-120	ND	0.581			PCB-159	25.5			
PCB-121	ND	0.581			PCB-166	ND		1.96	
PCB-122	ND		4.55		PCB-167	35.6			
PCB-123	8.76				PCB-168	ND	0.950		
PCB-124	29.0				PCB-169	ND	1.02		
PCB-126	3.11			J	PCB-170	563			
PCB-127	ND	0.890			PCB-171	166			
PCB-128/162	131				PCB-172	93.6			
PCB-129	33.3				PCB-173	12.1			
PCB-130	62.0				PCB-174	504			
PCB-131/133	ND		32.0		PCB-175	24.4			
PCB-132/161	377				PCB-176	98.4			
PCB-134/143	69.0				PCB-177	386			
PCB-135	231				PCB-178	118			
PCB-136	302				PCB-179	351			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-149SC-A-00-01-200425**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-02
Project:	Gasco PDI	Sample Size:	6.15 g	Date Received:	28-Apr-2020 9:04
Date Collected:	25-Apr-2020 13:06	% Solids:	82.0	QC Batch:	B0F0059
				Date Analyzed :	15-Jun-20 21:00 Column: ZB-1
					18-Jun-20 03:34 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	1590				Total octaCB	1970			
PCB-181	ND	0.720			Total nonaCB	319			
PCB-182/187	914				DecaCB	ND		59.9	
PCB-183	412				Total PCB	23900			
PCB-184	ND	0.612							
PCB-185	90.7								
PCB-186	ND	0.568							
PCB-188	ND		1.07						
PCB-189	ND		15.7						
PCB-190	119								
PCB-191	23.5								
PCB-192	ND	0.581							
PCB-193	71.2								
PCB-194	371								
PCB-195	176								
PCB-196/203	666								
PCB-197	21.7								
PCB-198	85.3								
PCB-199	355								
PCB-200	81.4								
PCB-201	81.1								
PCB-202	113								
PCB-204	ND	0.500							
PCB-205	17.7								
PCB-206	232								
PCB-207	31.4								
PCB-208	56.0								
PCB-209	ND		59.9	D					
Total monoCB	109								
Total diCB	66.4								
Total triCB	581		816						
Total tetraCB	2480		2490						
Total pentaCB	5670		5680						
Total hexaCB	7130		7190						
Total heptaCB	5530		5550						

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-149SC-A-00-01-200425**

**EPA Method 1668C**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000962-02
Project:	Gasco PDI	Sample Size:	6.15 g	Date Received:	28-Apr-2020 9:04
Date Collected:	25-Apr-2020 13:06	% Solids:	82.0	QC Batch:	B0F0059
				Date Analyzed :	15-Jun-20 21:00 Column: ZB-1
					18-Jun-20 03:34 Column: ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	250	5 -145	D, H	13C-PCB-170	98.3	10 -145	
13C-PCB-3	277	5 -145	D, H	13C-PCB-180	99.6	10 -145	
13C-PCB-4	303	5 -145	D, H	13C-PCB-188	94.0	10 -145	
13C-PCB-11	322	5 -145	D, H	13C-PCB-189	97.5	10 -145	
13C-PCB-9	324	5 -145	D, H	13C-PCB-194	87.9	10 -145	
13C-PCB-19	308	5 -145	D, H	13C-PCB-202	75.1	10 -145	
13C-PCB-28	65.2	5 -145		13C-PCB-206	145	10 -145	
13C-PCB-32	290	5 -145	D, H	13C-PCB-208	133	10 -145	
13C-PCB-37	95.0	5 -145		13C-PCB-209	134	10 -145	D
13C-PCB-47	92.8	5 -145		CRS 13C-PCB-79	94.4	10 -145	
13C-PCB-52	96.7	5 -145		13C-PCB-178	72.9	10 -145	
13C-PCB-54	78.4	5 -145					
13C-PCB-70	28.4	5 -145					
13C-PCB-77	99.0	10 -145					
13C-PCB-80	76.2	10 -145					
13C-PCB-81	91.7	10 -145					
13C-PCB-95	86.4	10 -145					
13C-PCB-97	98.0	10 -145					
13C-PCB-101	96.1	10 -145					
13C-PCB-104	88.2	10 -145					
13C-PCB-105	77.9	10 -145					
13C-PCB-114	77.7	10 -145					
13C-PCB-118	93.8	10 -145					
13C-PCB-123	98.7	10 -145					
13C-PCB-126	65.2	10 -145					
13C-PCB-127	79.3	10 -145					
13C-PCB-138	89.3	10 -145					
13C-PCB-141	93.6	10 -145					
13C-PCB-153	93.9	10 -145					
13C-PCB-155	73.7	10 -145					
13C-PCB-156	94.5	10 -145					
13C-PCB-157	94.0	10 -145					
13C-PCB-159	92.2	10 -145					
13C-PCB-167	94.0	10 -145					
13C-PCB-169	94.4	10 -145					

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

## DATA QUALIFIERS & ABBREVIATIONS

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

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



### Vista Analytical Laboratory Certifications

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

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

## NELAP Accredited Test Methods

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

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

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

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

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

**ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY**

**COC ID:** VISTA-20200425-162849  
**Sample Custodian:** SN  
**Lab:** VISTA

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

**Project:** Gasco PDI  
**Client:** NW Natural

2000962 4.3°C

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
* 001	PDI-1147SC-A-13-14-200425	FD	SE	04/25/2020		1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 002	PDI-147SC-A-00-01-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans * PCB Congeners Total solids (VISTA)	E1613B E1668A SM2540G	7 7 7	4°C 4°C 4°C
* 003	PDI-147SC-A-05-06-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 004	PDI-147SC-A-06-07-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 005	PDI-147SC-A-07-08-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 006	PDI-147SC-A-08-09-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 007	PDI-147SC-A-09-10-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C

Comment: \* WD # 2000957

Relinquished By: Signature	Received By: Signature	Relinquished By: Signature	Received By: Signature	Relinquished By: Signature	Received By: Signature
Print Name	Print Name	Print Name	Print Name	Print Name	Print Name
Company	Company	Company	Company	Company	Company
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

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

**ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY**

**COC ID:** VISTA-20200425-162849  
**Sample Custodian:** SN  
**Lab:** VISTA

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

**Project:** Gasco PDI  
**Client:** NW Natural

2000962

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
* 008	PDI-147SC-A-10-11-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 009	PDI-147SC-A-11-12-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 010	PDI-147SC-A-12-13-200425	N	SE	04/25/2020	14:57	2	<input checked="" type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 011	PDI-147SC-A-13-14-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 012	PDI-147SC-A-14-14.5-200425	N	SE	04/25/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
* 013	PDI-149SC-A-00-01-200425	N	SE	04/25/2020	13:06	1	<input type="checkbox"/>	Dioxin/Furans * PCB Congeners Total solids (VISTA)	E1613B E1668A SM2540G	7 7 7	4°C 4°C 4°C
* 014	PDI-149SC-A-04-05-200425	N	SE	04/25/2020	13:06	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C

Comment: \* WO # 2000957

Relinquished By: Signature: <i>[Signature]</i>	Received By: Signature: <i>[Signature]</i>	Relinquished By: Signature:	Received By: Signature:	Relinquished By: Signature:	Received By: Signature:
Print Name: <i>Sasha Norwood</i>	Print Name: <i>William K. Wright</i>	Print Name:	Print Name:	Print Name:	Print Name:
Company: <i>Anchor OEA</i>	Company: <i>WAL</i>	Company:	Company:	Company:	Company:
Date/Time: <i>4/27/20 1230</i>	Date/Time: <i>4-28-20 09:04</i>	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Page # 1 of 1

 Vista Work Order #: 2000962

 TAT rush

<b>Samples Arrival:</b>	<b>Date/Time:</b> 4/28/20 09:04	<b>Initials:</b> WWS	<b>Location:</b> WR-2
			<b>Shelf/Rack:</b> NA
<b>Delivered By:</b>	<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
<b>Preservation:</b>	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
<b>Temp °C:</b> 4.3 (uncorrected)	<b>Probe used:</b> Y / <input checked="" type="checkbox"/> N		<b>Thermometer ID:</b> IR3
<b>Temp °C:</b> 4.3 (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>		
Airbill <u>3 of 3</u> Trk # <u>7703 3190 1482</u>	<input checked="" type="checkbox"/>		
Shipping Documentation Present?	<input checked="" type="checkbox"/>		
Shipping Container	<input type="checkbox"/> Vista	<input checked="" 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"/>		
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>		
Holding Time Acceptable?	<input checked="" type="checkbox"/>		

<b>Logged In:</b>	<b>Date/Time:</b> 04/28/20 1748	<b>Initials:</b> WWS PM BB WWS 04/29/20	<b>Location:</b> WR-2
			<b>Shelf/Rack:</b> G5
COC Anomaly/Sample Acceptance Form completed?			<input type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>

Comments:

# CoC/Label Reconciliation Report WO# 2000962

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2000962-01	A PDI-147SC-A-00-01-200425	<input checked="" type="checkbox"/>	25-Apr-20 14:57	<input checked="" type="checkbox"/>	Amber Glass, 120 mL	Solid
2000962-02	A PDI-149SC-A-00-01-200425	<input checked="" type="checkbox"/>	25-Apr-20 13:06	<input checked="" 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	Comments:
Sample Container Intact?	✓			
Sample Custody Seals Intact?			✓	
Adequate Sample Volume?	✓			
Container Type Appropriate for Analysis(es)	✓			
Preservation Documented: Na2S2O3 Trizma <u>None</u> Other		✓	✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓	

Verified by/Date: WJS 04/29/20

## **EXTRACTION INFORMATION**



Process Sheet  
 Workorder: **2000962**

RX

Prep Expiration: 2021-04-25  
 Client: Anchor QEA, LLC

01 06/04/2020  
 Workorder Due: 05-May-20 00:00

TAT: 7

**RUSH!**

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

Prep Batch: B0F0059

Prep Data Entered: 06/10/20 RR  
Date and Initials

Initial Sequence: S0F0034

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2000962-01	<input checked="" type="checkbox"/>	PDI-147SC-A-00-01-200425	28-Apr-20 09:04	WR-2 G-5	
2000962-02	<input checked="" type="checkbox"/>	PDI-149SC-A-00-01-200425	28-Apr-20 09:04	WR-2 G-5	

WO Comments: **PCB - 5g extraction (dry weight)**  
**One dup required per batch of 20 samples**

YLL 06/08/20

Pre-Prep Check Out: N/A  
 Pre-Prep Check In: N/A

Prep Check Out: YLL 06/08/20  
 Prep Check In: YLL 06/08/20

Prep Reconciled Initials/Date: YLL 06/08/20  
 Spike Reconciled Initials/Date: AO 06/08/20  
 VialBoxID: Danger close

PREPARATION BENCH SHEET

Matrix: Solid

B0F0059

Chemist: ELL

Method: 1668C Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 08-Jun-20 12:43

Sox	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	Column Packer:		AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
					CRS/PS CHEM/WIT DATE						
A1	B0F0059-BLK1	N/A	(5.00)	ELL 06/08/20	AZ	ELL 06/10/20	NA	ELL 06/10/20	NA	NA	RR ME 06/10/20
A2	B0F0059-BS1	N/A	(5.00)								
A3	B0F0059-DUP1 2000962-01RE1	7.54	7.50					pale yellow			
A4	2000962-01RE1	7.54	7.61					↓			
A5	2000962-02RE1	6.10	6.15					orange			
A6	2000967-01RE1	9.21	9.26					↓			
A7	2000968-01RE1	5.96	5.97					pale yellow			
A8	2000968-02RE1	10.03	10.05					↓			
A9	2000974-01RE1	7.12	7.17					yellow			
A10	2000975-01RE1	5.54	5.59								
A11	2000977-01RE1	7.80	7.87					yellow			

Four solvent rinses <sup>+ debraves</sup> performed on rotovaps A7 06/10/20

Ⓐ 44% turned grey on column AZ 06/10/20

IS: <u>19B2601, 10mL</u> NS: <u>19B2602, 10mL</u> PS/CRS: <u>19B2603, 10mL</u> RS: <u>19B2604, 10mL</u>	Cycle Time Start Date/Time <u>1531 06/08/20</u> Stop Date/Time <u>0750 06/09/20</u>	APP: SEFUN SOX <u>SDS</u> SOLV: <u>T01</u> Other: <u>N/A</u> Final Volume(s) <u>100mL</u> <u>C9</u>	Check Out: <u>ELL 06/08/20</u> Chemist/Date: Check In: <u>ELL 06/08/20</u> Chemist/Date: Balance ID: <u>HRMS-08</u>	Soxhlet Siphoned Chemist/Date: <u>ELL 06/08/20</u> Vial Transfer Chemist/Date: <u>RR 06/10/20</u>	Notes:
--	---	---	---	--	--------

Comments:

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

Batch: B0F0059

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2000962-01RE1	7.61 ✓	66.33	5.0477	100 ✓	08-Jun-20 12:43	EMM ✓			Sediment	1668C Full List
2000962-02RE1	6.15 ✓	82.03	5.0448	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000967-01RE1	9.26 ✓	54.31	5.0291	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000968-01RE1	5.97 ✓	83.88	5.0076	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000968-02RE1	10.05 ✓	49.85	5.0099	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000974-01RE1	7.17 ✓	70.23	5.0355	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000975-01RE1	5.59 ✓	90.23	5.0439	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
2000977-01RE1	7.87 ✓	63.59	5.0045	100	08-Jun-20 12:43	EMM			Sediment	1668C Full List
<b>B0F0059-BLK1</b>	<b>5 ✓</b>			100	08-Jun-20 12:43	EMM				QC
<b>B0F0059-BS1</b>	<b>5 ✓</b>			100	08-Jun-20 12:43	EMM	19B2602 ✓	10 ✓		QC
<b>B0F0059-DUP1</b>	<b>7.56 ✓</b>			100 ↓	08-Jun-20 12:43	EMM ↓				QC

All bolded data on report verified against written benchsheet by (initial/date) RF 06/10/20

D2216-90

BATCH ID B0D0316

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

Inst-HRMS-8 ✓

Date/Time IN: 04/30/20/1638 Date/Time OUT: 05/01/20/0658

Particle Size	SampID	SampType	Initial and Date:		Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	RR 04/30/20 ✓				RR 04/30/20 ✓	
			Pan Tare Wt. (gms)	RR 05/01/20 ✓					Visual Inspection	Cl-	pH Before	pH After		Acid Added
	2000962-01	A ✓	Sample	1.2800 ✓	7.4400 ✓	5.3600 ✓	4.0800	66.23	MUD ✓	NA	NA	NA	NA	X ✓
	2000962-02	A	Sample	1.3100 ✓	6.0400 ✓	5.1900 ✓	3.8800	82.03	SAND ✓	NA	NA	NA	NA	X
	2000968-01	A	Sample	1.2800 ✓	8.5400 ✓	7.3700 ✓	6.0900	83.88	SAND ✓	NA	NA	NA	NA	X
	2000968-02	A	Sample	1.3000 ✓	8.0400 ✓	4.6600 ✓	3.3600	49.85	MUD ✓	NA	NA	NA	NA	X
	2000974-01	A	Sample	1.2900 ✓	5.1200 ✓	3.9800 ✓	2.6900	70.23	MUD ✓	NA	NA	NA	NA	X
	2000975-01	A	Sample	1.2900 ✓	5.5900 ✓	5.1700 ✓	3.8800	90.23	SAND ✓	NA	NA	NA	NA	X
	2000977-01	A	Sample	1.3000 ✓	7.2600 ✓	5.0900 ✓	3.7900	63.59	MUD ✓	NA	NA	NA	NA	X
	2000967-01	A ✓	Sample	1.3000 ✓	8.2600 ✓	5.0800 ✓	3.7800	54.31	MUD ✓	NA	NA	NA	NA	X

\*Sample homogenized in sample container unless otherwise noted.

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

Inst H2MS-8

Date/Time IN: 04/30/20 Date/Time OUT: 05/01/20  
1628 0658

Particle Size	SampleID	SampType	Initial and Date:		Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*
			Pan Tare Wt. (gms)	RR 04/30/20										
	2000962-01	Sample	1.28	RR 04/30/20	7.44	5.36		Mud						X
	2000962-02	Sample	1.31	RR 04/30/20	6.04	5.19		Sand						X
	2000968-01	Sample	1.28	RR 04/30/20	8.54	7.37		Sand						X
	2000968-02	Sample	1.35	RR 04/30/20	8.04	4.66		Mud						X
	2000974-01	Sample	1.29	RR 04/30/20	5.12	3.98		Mud						X
	2000975-01	Sample	1.29	RR 04/30/20	5.59	5.17		Sand						X
	2000977-01	Sample	1.30	RR 04/30/20	7.26	5.09		Mud						X
	2000967-01	Sample	1.30	RR 04/30/20	8.26	5.08								X

\*Sample homogenized in sample container unless otherwise noted.

**SAMPLE DATA – EPA METHOD 1668C**



Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

*Hz 6/14/2020*

*C1 06/23/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	ri/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RTT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1			NO	1.17	5.000	15.52		1.001		YES			0.472	
2	2 PCB-2			NO	1.18	5.000	17.94		0.988		YES			0.482	
3	3 PCB-3			NO	1.15	5.000	18.17		1.001		YES			0.497	
4	4 PCB-4/10			NO	1.25	5.000	19.58		1.004		YES			3.38	
5	5 PCB-7/9			NO	0.960	5.000	21.38		1.003		YES			2.71	
6	6 PCB-6			NO	1.02	5.000	22.04		1.033		YES			2.54	
7	7 PCB-5/8			NO	0.992	5.000	22.44		1.052		YES			2.62	
8	8 PCB-14			NO	1.02	5.000	23.58		0.952		YES			2.72	
9	9 PCB-11			NO	1.13	5.000	24.80		1.001		YES			2.46	
10	10 PCB-12/13			NO	1.03	5.000	25.23		1.018		YES			2.70	
11	11 PCB-15			NO	1.03	5.000	25.54		1.031		YES			2.68	
12	12 PCB-19			NO	1.11	5.000	23.77		1.001		YES			1.21	
13	13 PCB-30			NO	1.79	5.000	24.67		1.039		YES			0.747	
14	14 PCB-18			NO	0.818	5.000	25.44		0.952		YES			1.13	
15	15 PCB-17			NO	0.758	5.000	25.62		0.958		YES			1.22	
16	16 PCB-24/27			NO	1.08	5.000	26.23		0.981		YES			0.853	
17	17 PCB-16/32			NO	0.925	5.000	26.75		1.001		YES			0.998	
18	18 PCB-34			NO	0.945	5.000	27.56		0.959		YES			0.881	
19	19 PCB-23			NO	0.883	5.000	27.65		0.962		YES			0.944	
20	20 PCB-29			NO	0.893	5.000	27.91		0.971		YES			0.933	
21	21 PCB-26			NO	0.944	5.000	28.14		0.979		YES			0.883	
22	22 PCB-25			NO	0.950	5.000	28.29		0.984		YES			0.877	
23	23 PCB-31			NO	1.04	5.000	28.66		0.997		YES			0.804	
24	24 PCB-28			NO	1.03	5.000	28.77		1.001		YES			0.813	
25	25 PCB-20/21/33			NO	0.941	5.000	29.41		1.023		YES			0.885	
26	26 PCB-22			NO	0.973	5.000	29.85		1.038		YES			0.857	
27	27 PCB-36			NO	1.08	5.000	30.49		0.931		YES			0.834	
28	28 PCB-39			NO	0.988	5.000	30.97		0.946		YES			0.908	
29	29 PCB-38			NO	1.05	5.000	31.77		0.970		YES			0.853	
30	30 PCB-35			NO	1.04	5.000	32.31		0.987		YES			0.859	
31	31 PCB-37			NO	1.01	5.000	32.75		1.001		YES			0.889	
32	32 PCB-54			NO	1.08	5.000	27.62		1.001		YES			0.521	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50			NO	0.880	5.000	28.81		1.044		YES			0.639	
34	34 PCB-53			NO	0.997	5.000	29.50		0.944		YES			0.720	
35	35 PCB-51			NO	1.07	5.000	29.84		0.955		YES			0.674	
36	36 PCB-45			NO	0.858	5.000	30.29		0.969		YES			0.836	
37	37 PCB-46			NO	0.831	5.000	30.78		0.985		YES			0.864	
38	38 PCB-52/69			NO	1.17	5.000	31.28		1.001		YES			0.615	
39	39 PCB-73			NO	1.44	5.000	31.40		1.005		YES			0.497	
40	40 PCB-43/49			NO	1.02	5.000	31.57		1.010		YES			0.706	
41	41 PCB-47			NO	0.922	5.000	31.77		1.001		YES			0.714	
42	42 PCB-48/75			NO	1.12	5.000	31.88		1.004		YES			0.588	
43	43 PCB-65			NO	1.28	5.000	32.15		1.013		YES			0.513	
44	44 PCB-62			NO	1.13	5.000	32.26		1.016		YES			0.584	
45	45 PCB-44			NO	0.824	5.000	32.60		1.027		YES			0.799	
46	46 PCB-42/59			NO	1.05	5.000	32.83		1.034		YES			0.627	
47	47 PCB-41/64/71/72			NO	1.19	5.000	33.43		1.053		YES			0.554	
48	48 PCB-68			NO	1.28	5.000	33.68		1.061		YES			0.515	
49	49 PCB-40			NO	0.602	5.000	33.91		1.068		YES			1.09	
50	50 PCB-57			NO	1.16	5.000	34.30		0.969		YES			0.471	
51	51 PCB-67			NO	1.08	5.000	34.62		0.978		YES			0.505	
52	52 PCB-58			NO	1.20	5.000	34.74		0.982		YES			0.455	
53	53 PCB-63			NO	1.07	5.000	34.90		0.986		YES			0.511	
54	54 PCB-74			NO	1.19	5.000	35.20		0.994		YES			0.462	
55	55 PCB-61/70			NO	1.05	5.000	35.41		1.000		YES			0.520	
56	56 PCB-76/66			NO	1.16	5.000	35.60		1.006		YES			0.471	
57	57 PCB-80			NO	1.19	5.000	35.84		1.001		YES			0.433	
58	58 PCB-55			NO	1.17	5.000	36.16		1.010		YES			0.440	
59	59 PCB-56/60			NO	1.02	5.000	36.68		1.024		YES			0.505	
60	60 PCB-79			NO	1.14	5.000	37.78		1.055		YES			0.452	
61	61 PCB-78			NO	1.14	5.000	38.50		0.987		YES			0.456	
62	62 PCB-81			NO	1.05	5.000	39.04		1.000		YES			0.495	
63	63 PCB-77			NO	1.14	5.000	39.66		1.000		YES			0.475	
64	64 PCB-104			NO	1.12	5.000	32.46		1.001		YES			0.882	
65	65 PCB-96			NO	1.15	5.000	33.78		1.041		YES			0.858	
66	66 PCB-103			NO	0.936	5.000	34.34		1.059		YES			1.06	
67	67 PCB-100			NO	0.954	5.000	34.69		1.069		YES			1.04	
68	68 PCB-94			NO	0.949	5.000	35.18		0.985		YES			1.25	



Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time

Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	FA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102			NO	1.20	5.000	35.65		0.999		YES			0.984	
70	70 PCB-93			NO	0.935	5.000	35.77		1.002		YES			1.27	
71	71 PCB-88/91			NO	1.06	5.000	36.12		1.012		YES			1.11	
72	72 PCB-121			NO	1.71	5.000	36.21		1.015		YES			0.694	
73	73 PCB-84/92			NO	1.02	5.000	37.08		0.990		YES			1.17	
74	74 PCB-89			NO	1.11	5.000	37.25		0.995		YES			1.08	
75	75 PCB-90/101			NO	1.12	5.000	37.46		1.000		YES			1.06	
76	76 PCB-113			NO	1.51	5.000	37.70		1.007		YES			0.786	
77	77 PCB-99			NO	1.32	5.000	37.79		1.009		YES			0.901	
78	78 PCB-119			NO	1.81	5.000	38.28		0.987		YES			0.763	
79	79 PCB-108/112			NO	1.44	5.000	38.44		0.991		YES			0.953	
80	80 PCB-83			NO	1.83	5.000	38.59		0.995		YES			0.752	
81	81 PCB-97			NO	1.28	5.000	38.80		1.000		YES			1.07	
82	82 PCB-86			NO	1.12	5.000	38.95		1.004		YES			1.23	
83	83 PCB-87/117/125			NO	1.56	5.000	39.10		1.008		YES			0.883	
84	84 PCB-111/115			NO	1.91	5.000	39.25		1.012		YES			0.721	
85	85 PCB-85/116			NO	1.41	5.000	39.38		1.015		YES			0.976	
86	86 PCB-120			NO	2.01	5.000	39.64		1.022		YES			0.687	
87	87 PCB-110			NO	1.74	5.000	39.77		1.026		YES			0.790	
88	88 PCB-82			NO	0.781	5.000	40.43		0.976		YES			1.26	
89	89 PCB-124			NO	1.40	5.000	41.13		0.993		YES			0.703	
90	90 PCB-107/109			NO	1.34	5.000	41.27		0.996		YES			0.731	
91	91 PCB-123			NO	1.20	5.000	41.44		1.000		YES			0.819	
92	92 PCB-106/118			NO	1.22	5.000	41.65		1.001		YES			0.801	
93	93 PCB-114			NO	1.14	5.000	42.31		1.000		YES			0.700	
94	94 PCB-122			NO	0.944	5.000	42.45		1.004		YES			0.846	
95	95 PCB-105			NO	1.05	5.000	43.19		1.000		YES			0.756	
96	96 PCB-127			NO	1.06	5.000	43.55		1.000		YES			0.715	
97	97 PCB-126			NO	1.17	5.000	45.51		1.000		YES			0.622	
98	98 PCB-155			NO	1.04	5.000	36.98		1.000		YES			0.676	
99	99 PCB-150			NO	1.08	5.000	38.30		1.036		YES			0.651	
100	1... PCB-152			NO	1.19	5.000	38.78		1.049		YES			0.594	
101	1... PCB-145			NO	1.19	5.000	39.25		1.062		YES			0.593	
102	1... PCB-136			NO	1.02	5.000	39.58		1.071		YES			0.691	
103	1... PCB-148			NO	0.842	5.000	39.69		1.074		YES			0.838	
104	1... PCB-154			NO	0.919	5.000	40.20		1.088		YES			0.767	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	5.000	40.86		1.105		YES			0.897	
106	1... PCB-135			NO	0.922	5.000	41.07		1.111		YES			0.765	
107	1... PCB-144			NO	0.789	5.000	41.18		1.114		YES			0.894	
108	1... PCB-147			NO	0.834	5.000	41.31		1.118		YES			0.845	
109	1... PCB-139/149			NO	0.948	5.000	41.60		1.125		YES			0.744	
110	1... PCB-140			NO	0.794	5.000	41.78		1.130		YES			0.889	
111	1... PCB-134/143			NO	0.759	5.000	42.26		0.975		YES			0.710	
112	1... PCB-131/133			NO	0.821	5.000	42.56		0.982		YES			0.657	
113	1... PCB-142			NO	0.754	5.000	42.71		0.985		YES			0.715	
114	1... PCB-146/165			NO	1.02	5.000	42.95		0.991		YES			0.530	
115	1... PCB-132/161			NO	1.02	5.000	43.18		0.996		YES			0.526	
116	1... PCB-153			NO	1.07	5.000	43.36		1.000		YES			0.503	
117	1... PCB-168			NO	1.08	5.000	43.59		1.006		YES			0.500	
118	1... PCB-141			NO	1.03	5.000	44.12		1.000		YES			0.694	
119	1... PCB-137			NO	1.11	5.000	44.52		1.010		YES			0.642	
120	1... PCB-130			NO	0.885	5.000	44.62		1.012		YES			0.805	
121	1... PCB-138/163/164			NO	1.28	5.000	45.01		1.001		YES			0.506	
122	1... PCB-158/160			NO	1.24	5.000	45.26		1.006		YES			0.524	
123	1... PCB-129			NO	0.867	5.000	45.52		1.012		YES			0.749	
124	1... PCB-166			NO	1.14	5.000	45.99		0.993		YES			0.467	
125	1... PCB-159			NO	1.22	5.000	46.32		1.000		YES			0.438	
126	1... PCB-128/162			NO	0.907	5.000	46.61		1.007		YES			0.588	
127	1... PCB-167			NO	1.11	5.000	47.02		1.000		YES			0.478	
128	1... PCB-156			NO	1.13	5.000	48.35		1.000		YES			0.487	
129	1... PCB-157			NO	1.04	5.000	48.65		1.001		YES			0.510	
130	1... PCB-169			NO	1.16	5.000	50.91		1.000		YES			0.506	
131	1... PCB-188			NO	1.29	5.000	43.01		1.001		YES			0.447	
132	1... PCB-184			NO	1.23	5.000	43.44		1.011		YES			0.468	
133	1... PCB-179			NO	1.30	5.000	44.26		1.030		YES			0.444	
134	1... PCB-176			NO	1.31	5.000	44.72		1.041		YES			0.441	
135	1... PCB-186			NO	1.33	5.000	45.35		1.055		YES			0.434	
136	1... PCB-178			NO	0.943	5.000	45.87		1.067		YES			0.611	
137	1... PCB-175			NO	0.956	5.000	46.22		1.076		YES			0.603	
138	1... PCB-182/187			NO	1.07	5.000	46.40		1.080		YES			0.541	
139	1... PCB-183			NO	1.02	5.000	46.74		1.088		YES			0.564	
140	1... PCB-185			NO	1.41	5.000	47.42		0.955		YES			0.603	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174			NO	1.35	5.000	47.81		0.962		YES			0.626	
142	1... PCB-181			NO	1.47	5.000	47.90		0.964		YES			0.575	
143	1... PCB-177			NO	1.28	5.000	48.06		0.968		YES			0.664	
144	1... PCB-171			NO	1.32	5.000	48.36		0.974		YES			0.644	
145	1... PCB-173			NO	1.19	5.000	48.80		0.983		YES			0.713	
146	1... PCB-172			NO	1.38	5.000	49.28		0.992		YES			0.617	
147	1... PCB-192			NO	1.83	5.000	49.47		0.996		YES			0.464	
148	1... PCB-180			NO	1.41	5.000	49.69		1.000		YES			0.601	
149	1... PCB-193			NO	1.68	5.000	49.90		1.005		YES			0.506	
150	1... PCB-191			NO	1.71	5.000	50.17		1.010		YES			0.496	
151	1... PCB-170			NO	1.40	5.000	51.36		1.000		YES			0.687	
152	1... PCB-190			NO	1.85	5.000	51.55		1.004		YES			0.520	
153	1... PCB-189			NO	1.45	5.000	53.09		1.000		YES			0.423	
154	1... PCB-202			NO	1.17	5.000	48.59		1.001		YES			0.394	
155	1... PCB-201			NO	1.05	5.000	49.09		1.011		YES			0.438	
156	1... PCB-204			NO	1.14	5.000	49.23		1.014		YES			0.404	
157	1... PCB-197			NO	1.13	5.000	49.55		1.020		YES			0.407	
158	1... PCB-200			NO	1.07	5.000	50.48		1.040		YES			0.430	
159	1... PCB-198			NO	0.794	5.000	52.06		1.072		YES			0.580	
160	1... PCB-199			NO	0.809	5.000	52.16		1.074		YES			0.569	
161	1... PCB-196/203			NO	0.838	5.000	52.48		1.081		YES			0.550	
162	1... PCB-195			NO	1.04	5.000	53.78		0.984		YES			0.460	
163	1... PCB-194			NO	1.12	5.000	54.70		1.000		YES			0.431	
164	1... PCB-205			NO	1.29	5.000	54.97		1.005		YES			0.373	
165	1... PCB-208	5.11e1	0.99	YES	0.933	5.000	53.93	53.94	1.000	1.001	NO	0.3245		0.124	0.2824
166	1... PCB-207			NO	0.916	5.000	54.25		1.006		YES			0.224	
167	1... PCB-206			NO	1.01	5.000	56.24		1.000		YES			0.282	
168	1... PCB-209			NO	0.986	5.000	57.47		1.000		YES			0.119	
169	1... 13C-PCB-1	7.47e5	3.26	NO	0.893	5.000	15.50	15.51	0.608	0.608	NO	1514	75.7	1.78	
170	1... 13C-PCB-3	7.56e5	3.31	NO	0.911	5.000	18.15	18.16	0.712	0.712	NO	1503	75.1	1.75	
171	1... 13C-PCB-4	5.15e5	1.62	NO	0.600	5.000	19.50	19.50	0.765	0.765	NO	1556	77.8	1.17	
172	1... 13C-PCB-9	8.33e5	1.59	NO	0.970	5.000	21.33	21.33	0.836	0.836	NO	1556	77.8	0.723	
173	1... 13C-PCB-11	8.12e5	1.58	NO	0.962	5.000	24.77	24.78	0.971	0.972	NO	1530	76.5	0.729	
174	1... 13C-PCB-19	3.45e5	1.08	NO	0.499	5.000	23.74	23.74	0.931	0.931	NO	1253	62.6	14.2	
175	1... 13C-PCB-32	5.08e5	1.05	NO	0.744	5.000	26.72	26.73	1.048	1.048	NO	1235	61.8	9.52	
176	1... 13C-PCB-28	7.13e5	1.06	NO	1.06	5.000	28.75	28.75	1.004	1.004	NO	1508	75.4	10.1	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	6.82e5	1.08	NO	0.989	5.000	32.73	32.73	1.143	1.143	NO	1552	77.6	10.9	
178	1... 13C-PCB-54	4.55e5	0.78	NO	0.999	5.000	27.60	27.60	0.753	0.753	NO	1529	76.4	3.00	
179	1... 13C-PCB-52	3.64e5	0.80	NO	0.804	5.000	31.24	31.25	0.852	0.852	NO	1522	76.1	3.73	
180	1... 13C-PCB-47	3.99e5	0.80	NO	0.857	5.000	31.76	31.75	0.866	0.866	NO	1562	78.1	3.49	
181	1... 13C-PCB-70	4.92e5	0.78	NO	0.996	5.000	35.39	35.40	0.965	0.965	NO	1659	82.9	3.01	
182	1... 13C-PCB-80	5.05e5	0.79	NO	1.03	5.000	35.82	35.82	0.977	0.977	NO	1650	82.5	2.91	
183	1... 13C-PCB-81	4.94e5	0.79	NO	0.988	5.000	39.02	39.02	1.064	1.064	NO	1679	83.9	3.03	
184	1... 13C-PCB-77	4.86e5	0.79	NO	0.969	5.000	39.64	39.64	1.081	1.081	NO	1686	84.3	3.09	
185	1... 13C-PCB-104	2.87e5	1.62	NO	1.02	5.000	32.44	32.44	0.827	0.827	NO	1669	83.5	1.25	
186	1... 13C-PCB-95	2.34e5	1.55	NO	0.805	5.000	35.69	35.69	0.910	0.910	NO	1717	85.8	1.58	
187	1... 13C-PCB-101	2.31e5	1.67	NO	0.793	5.000	37.44	37.44	0.954	0.954	NO	1725	86.2	1.60	
188	1... 13C-PCB-97	2.05e5	1.64	NO	0.696	5.000	38.78	38.78	0.989	0.989	NO	1739	87.0	1.82	
189	1... 13C-PCB-123	2.88e5	1.58	NO	0.933	5.000	41.42	41.42	1.056	1.056	NO	1827	91.4	1.36	
190	1... 13C-PCB-118	2.91e5	1.59	NO	0.986	5.000	41.61	41.61	1.061	1.061	NO	1745	87.2	1.29	
191	1... 13C-PCB-114	4.54e5	1.59	NO	1.55	5.000	42.29	42.28	0.908	0.908	NO	1890	94.5	1.57	
192	1... 13C-PCB-105	4.63e5	1.55	NO	1.57	5.000	43.17	43.18	0.927	0.927	NO	1893	94.7	1.54	
193	1... 13C-PCB-127	4.80e5	1.58	NO	1.62	5.000	43.53	43.54	0.934	0.935	NO	1902	95.1	1.49	
194	1... 13C-PCB-126	4.95e5	1.54	NO	1.57	5.000	45.49	45.49	0.976	0.976	NO	2032	102	1.55	
195	1... 13C-PCB-155	1.73e5	1.26	NO	0.615	5.000	36.96	36.96	0.942	0.942	NO	1670	83.5	1.00	
196	1... 13C-PCB-153	3.80e5	1.28	NO	1.36	5.000	43.34	43.35	0.930	0.930	NO	1789	89.5	2.20	
197	1... 13C-PCB-141	3.04e5	1.28	NO	1.13	5.000	44.11	44.10	0.947	0.947	NO	1737	86.8	2.66	
198	1... 13C-PCB-138	3.21e5	1.25	NO	1.18	5.000	44.97	44.98	0.965	0.965	NO	1741	87.1	2.53	
199	1... 13C-PCB-159	3.96e5	1.26	NO	1.44	5.000	46.30	46.30	0.994	0.994	NO	1769	88.5	2.08	
200	2... 13C-PCB-167	3.98e5	1.27	NO	1.44	5.000	47.01	47.00	1.009	1.009	NO	1778	88.9	2.08	
201	2... 13C-PCB-156	3.94e5	1.30	NO	1.40	5.000	48.32	48.33	1.037	1.037	NO	1817	90.8	2.15	
202	2... 13C-PCB-157	4.02e5	1.34	NO	1.40	5.000	48.61	48.61	1.043	1.044	NO	1850	92.5	2.15	
203	2... 13C-PCB-169	3.74e5	1.27	NO	1.33	5.000	50.89	50.89	1.092	1.092	NO	1806	90.3	2.25	
204	2... 13C-PCB-188	2.70e5	0.44	NO	1.41	5.000	42.96	42.97	0.926	0.926	NO	1724	86.2	1.97	
205	2... 13C-PCB-180	1.86e5	0.44	NO	0.929	5.000	49.65	49.67	1.070	1.071	NO	1807	90.3	2.98	
206	2... 13C-PCB-170	1.66e5	0.46	NO	0.794	5.000	51.32	51.34	1.106	1.107	NO	1885	94.2	3.49	
207	2... 13C-PCB-189	2.30e5	0.48	NO	1.04	5.000	53.07	53.06	1.144	1.144	NO	1981	99.0	2.65	
208	2... 13C-PCB-202	2.03e5	0.92	NO	1.04	5.000	48.55	48.56	1.046	1.047	NO	1766	88.3	2.12	
209	2... 13C-PCB-194	2.67e5	0.90	NO	0.768	5.000	54.71	54.69	0.995	0.995	NO	1694	84.7	3.48	
210	2... 13C-PCB-208	3.37e5	0.76	NO	0.991	5.000	53.93	53.91	0.981	0.981	NO	1659	83.0	3.45	
211	2... 13C-PCB-206	2.35e5	0.80	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	2074	104	6.20	
212	2... 13C-PCB-209	2.15e5	1.23	NO	0.396	5.000	57.48	57.47	1.046	1.046	NO	2647	132	0.498	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-12.qld

Last Altered: Sunday, June 14, 2020 15:11:14 Pacific Daylight Time

Printed: Sunday, June 14, 2020 15:11:29 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.10e6	1.60	NO	1.00	5.000	25.51	25.50	1.000	0.000	NO	2000	100	0.701	
214	2... 13C-PCB-31	8.89e5	1.08	NO	1.00	5.000	28.64	28.64	1.000	0.000	NO	2000	100	10.7	
215	2... 13C-PCB-60	5.96e5	0.81	NO	1.00	5.000	36.66	36.66	1.000	0.000	NO	2000	100	3.00	
216	2... 13C-PCB-111	3.38e5	1.63	NO	1.00	5.000	39.23	39.23	1.000	0.000	NO	2000	100	1.27	
217	2... 13C-PCB-128	3.11e5	1.27	NO	1.00	5.000	46.59	46.59	1.000	0.000	NO	2000	100	3.00	
218	2... 13C-PCB-182	2.22e5	0.47	NO	1.00	5.000	46.40	46.40	0.000	0.000	NO	2000	100	2.77	
219	2... 13C-PCB-205	4.10e5	0.88	NO	1.00	5.000	54.97	54.97	1.000	0.000	NO	2000	100	2.67	
220	2... 13C-PCB-79	5.90e5	0.79	NO	1.07	5.000	37.76	37.76	1.030	1.030	NO	1852	92.6	2.80	
221	2... 13C-PCB-178	2.12e5	0.46	NO	0.766	5.000	45.84	45.85	0.988	0.988	NO	1780	89.0	2.47	
222	2... 13C-PCB-79	5.90e5	0.79	NO	1.08	5.000	37.76	37.76	0.968	0.968	NO	2206	110	3.32	
223	2... 13C-PCB-178	2.12e5	0.46	NO	1.05	5.000	45.85	45.85	0.923	0.923	NO	2168	108	3.07	
224	2... Total Mono-PCBs				1.17	5.000	0.00		0.000		NO			1.45	0.497
225	2... Total Di-PCBs				1.05	5.000	0.00		0.000		NO			2.18	3.38
226	2... 2nd Function Tri-PCBs				1.08	5.000	0.00		0.000		NO			6.76	
227	2... 3rd Function Tri-PCBs				0.983	5.000	0.00		0.000		NO			18.2	1.22
228	2... Total Tetra-PCBs				1.08	5.000	0.00		0.000		NO			18.7	1.09
229	2... 3rd Function Penta-PCBs				1.32	5.000	0.00		0.000		NO			27.3	
230	2... 4th Function Penta-PCBs				1.07	5.000	0.00		0.000		NO			3.64	1.27
231	2... 3rd Function Hexa-PCBs				0.951	5.000	0.00		0.000		NO			9.84	
232	2... 4th Function Hexa-PCBs				1.03	5.000	0.00		0.000		NO			17.5	0.894
233	2... Total Hepta-PCBs				1.36	5.000	0.00		0.000		NO			18.7	0.713
234	2... 4th Function Octa-PCBs				1.00	5.000	0.00		0.000		NO			3.27	
235	2... 5th Function Octa-PCBs				1.15	5.000	0.00		0.000		NO			1.26	0.580
236	2... Total Nona-PCBs				0.952	5.000	0.00		0.000		NO	0.0000		0.691	0.2824
237	2... Deca-CB				0.986	5.000	0.00		0.000		NO			0.119	
238	2... Total PCBs														

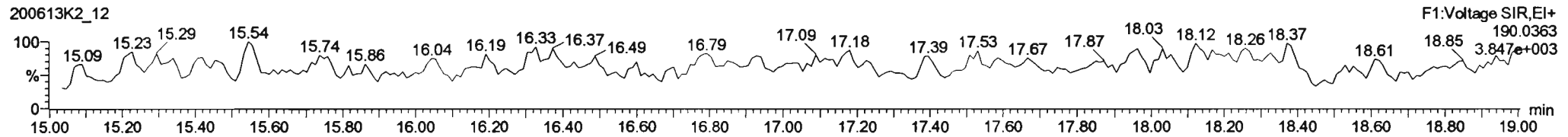
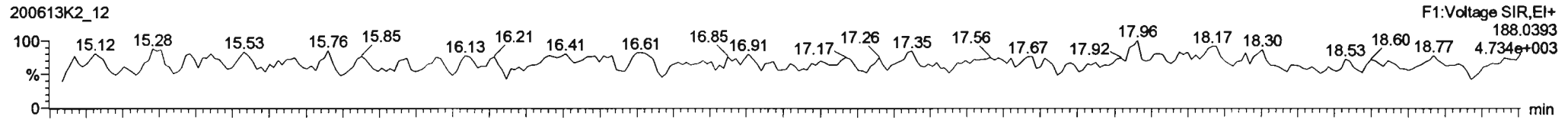
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

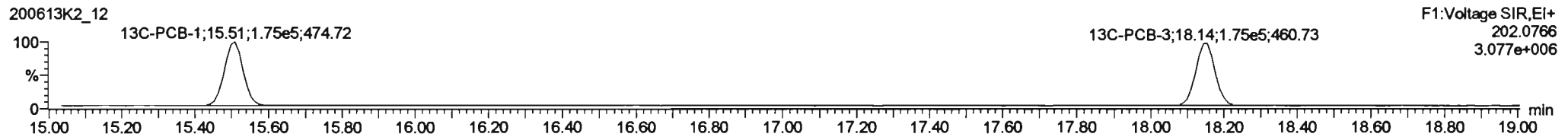
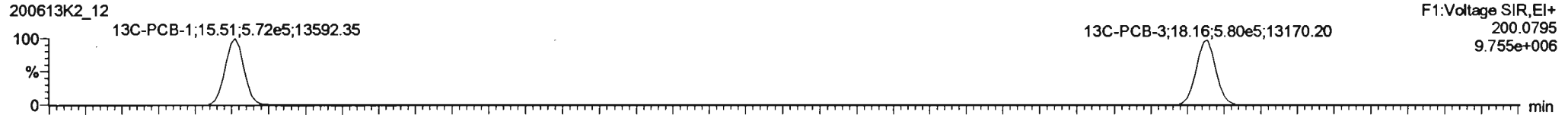
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

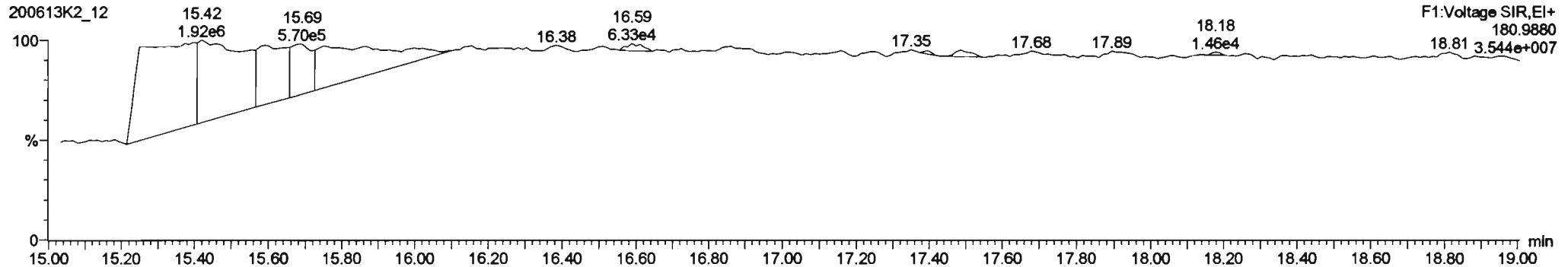
**PCB-1**



**13C-PCB-1**



**PFK1**



Dataset: Untitled

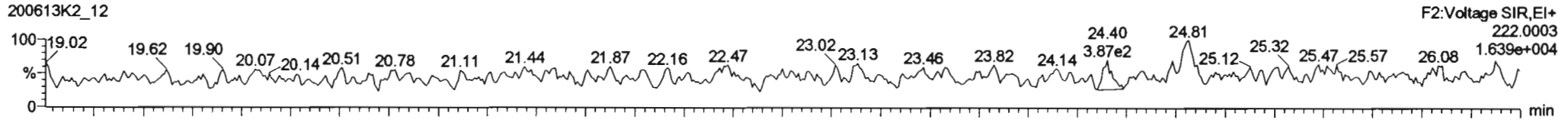
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

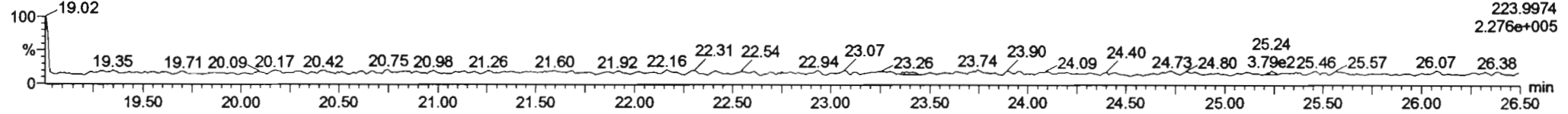
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-4/10**

200613K2\_12

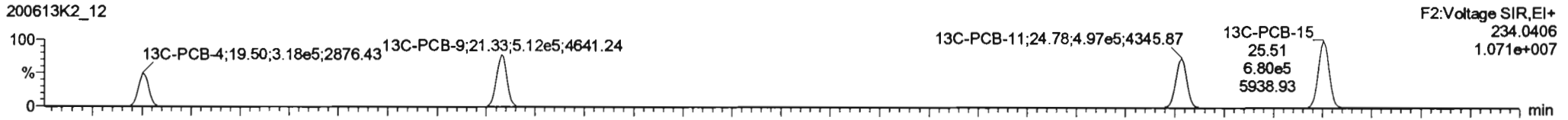


200613K2\_12

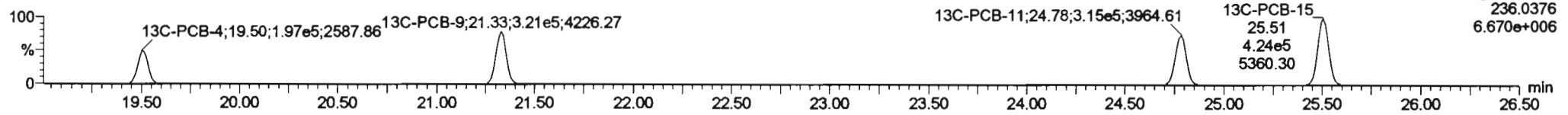


**13C-PCB-4**

200613K2\_12

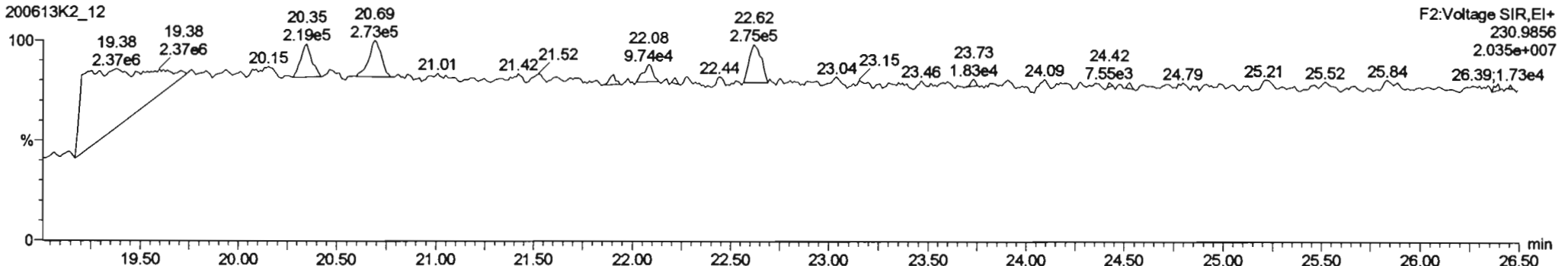


200613K2\_12



**PFK2a**

200613K2\_12





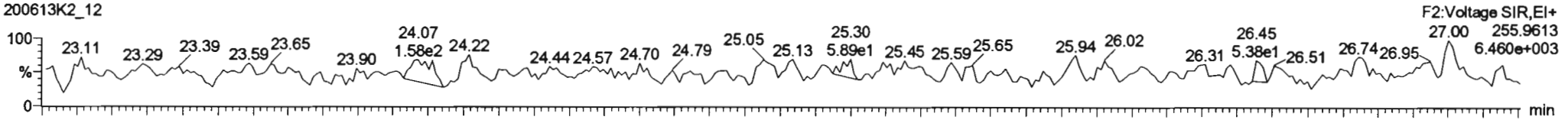
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

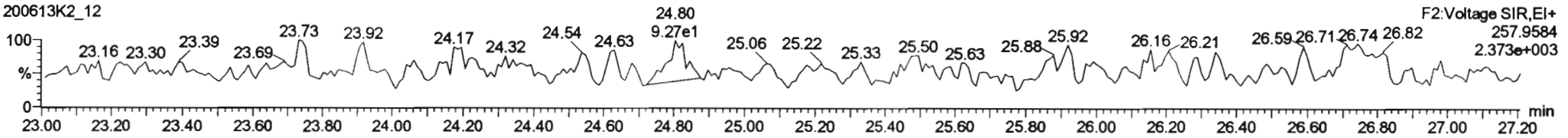
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-19**

200613K2\_12

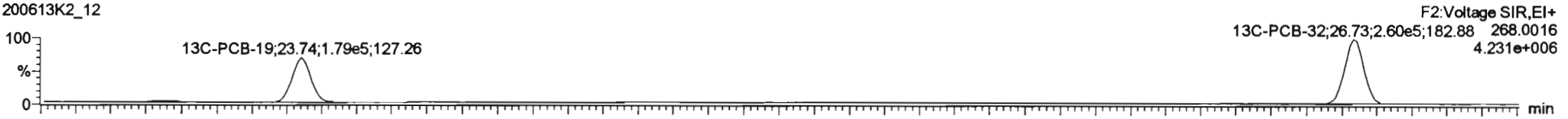


200613K2\_12

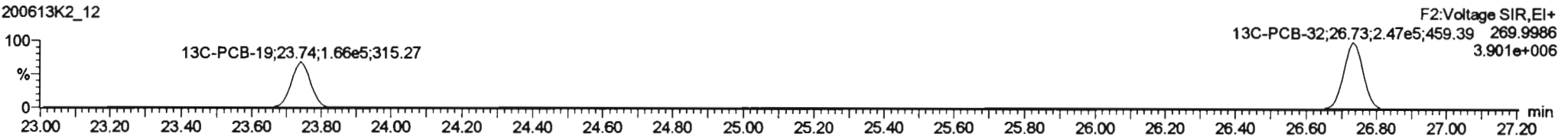


**13C-PCB-19**

200613K2\_12

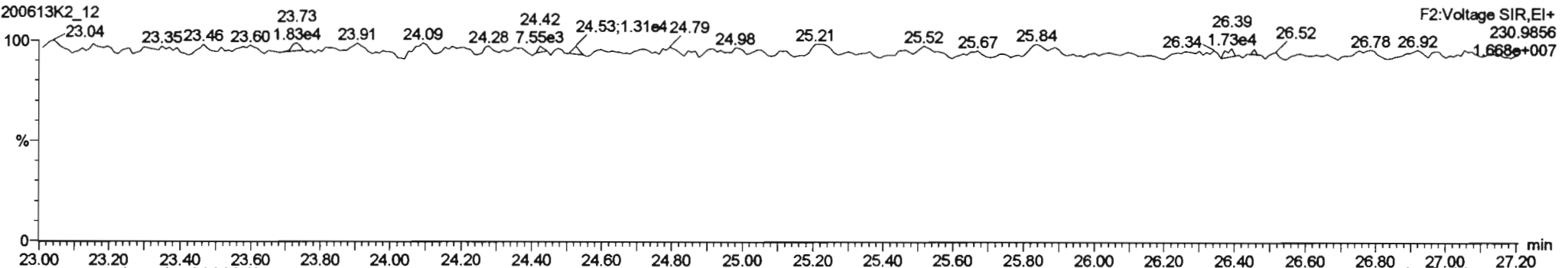


200613K2\_12



**PFK2b**

200613K2\_12





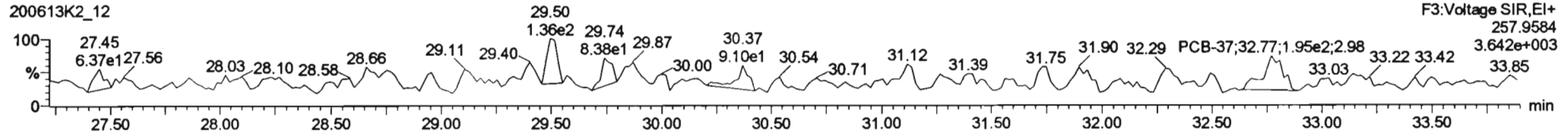
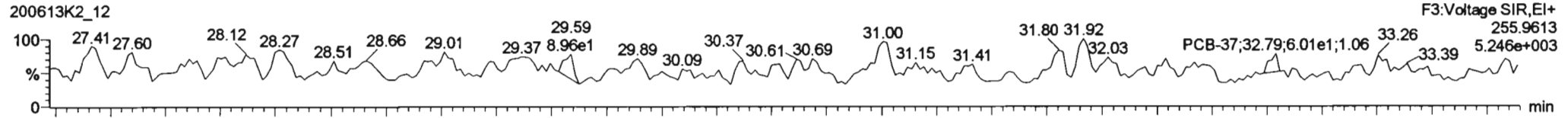
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

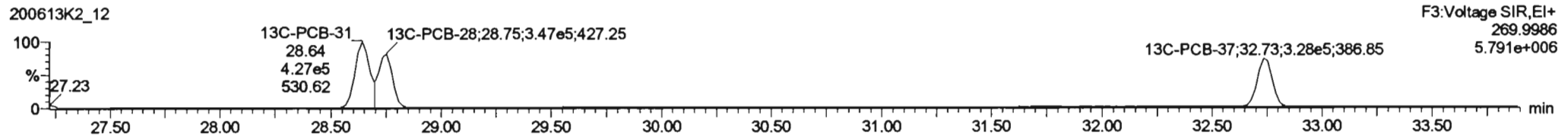
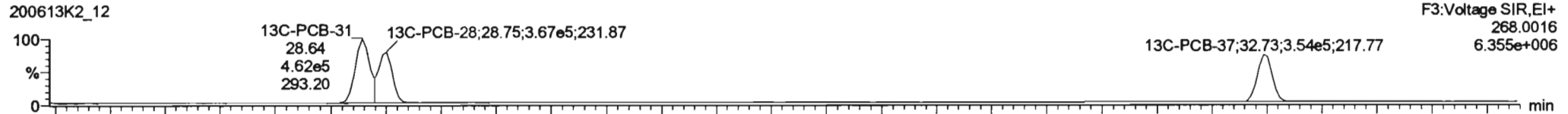
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

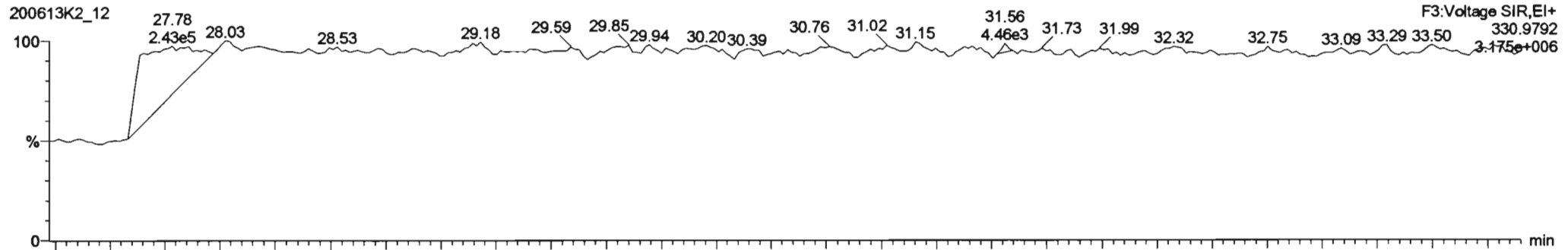
**PCB-34**



**13C-PCB-28**



**PFK3d**

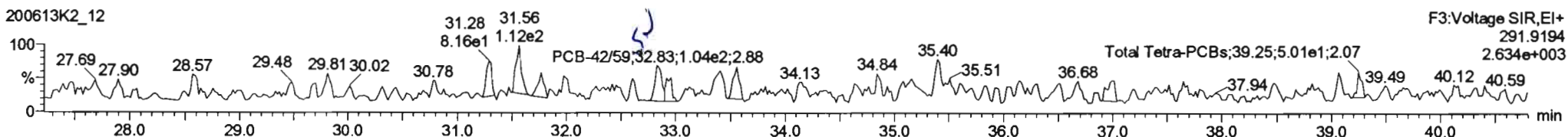
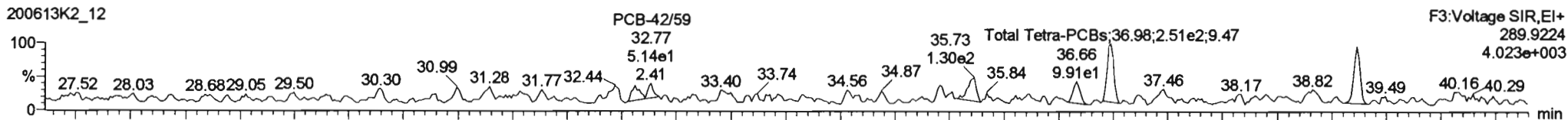


Dataset: Untitled

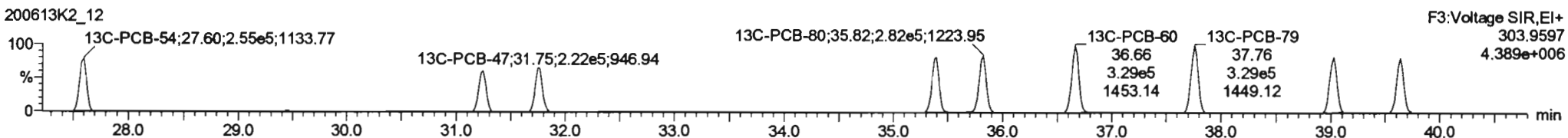
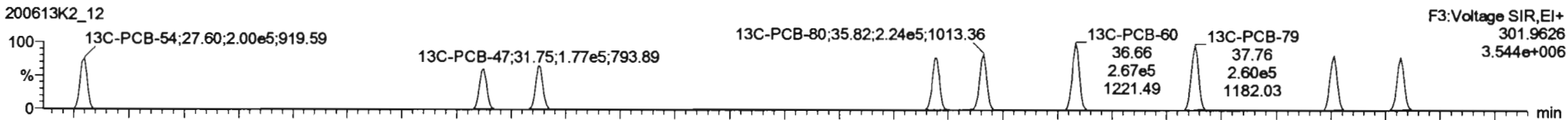
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

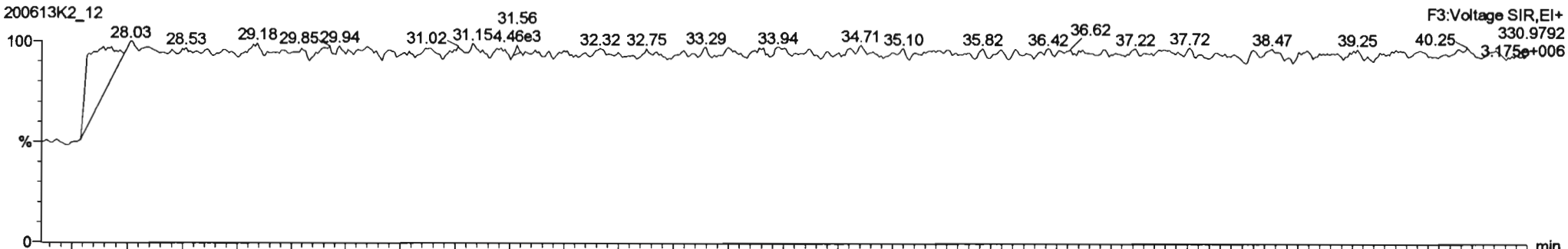
PCB-54



13C-PCB-54



PFK3a



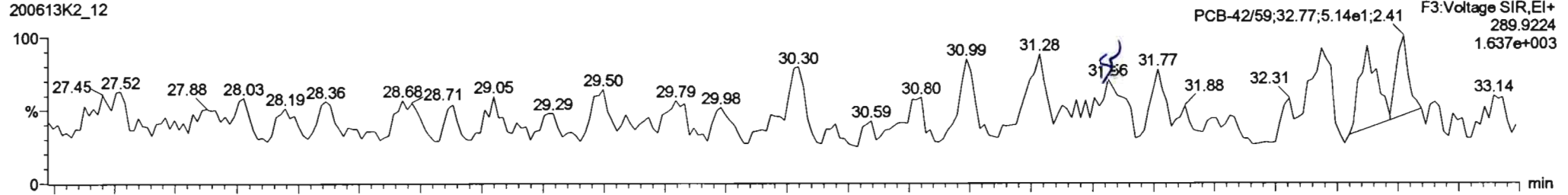
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

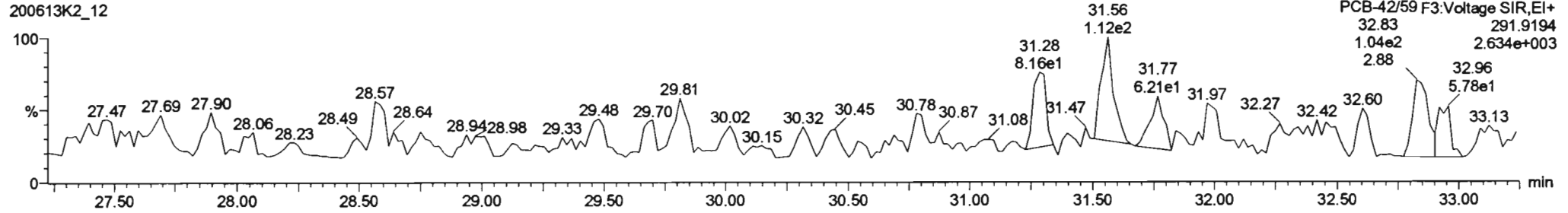
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

PCB-50

200613K2\_12

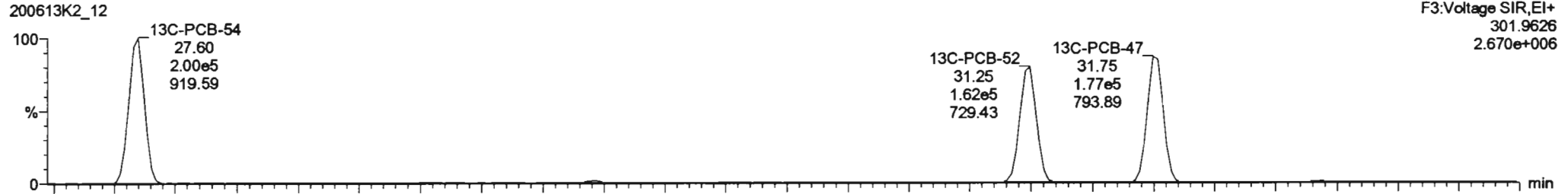


200613K2\_12

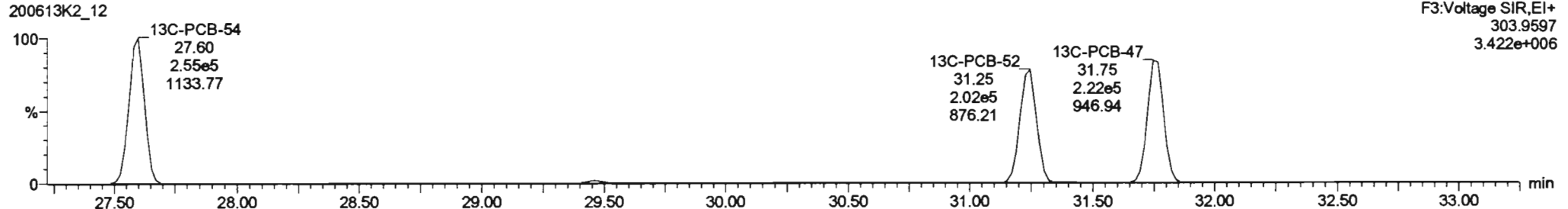


13C-PCB-52

200613K2\_12



200613K2\_12



Dataset: Untitled

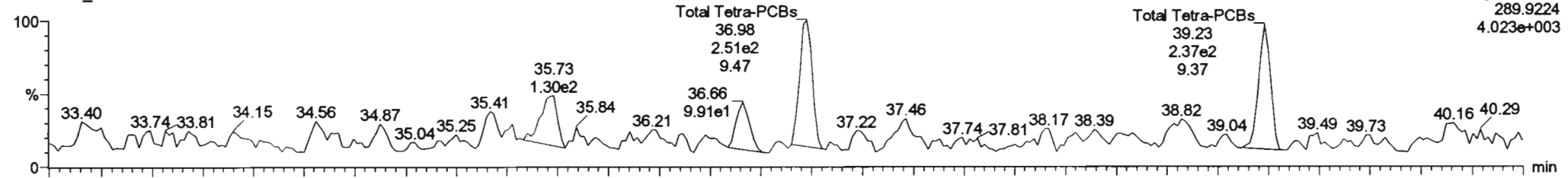
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

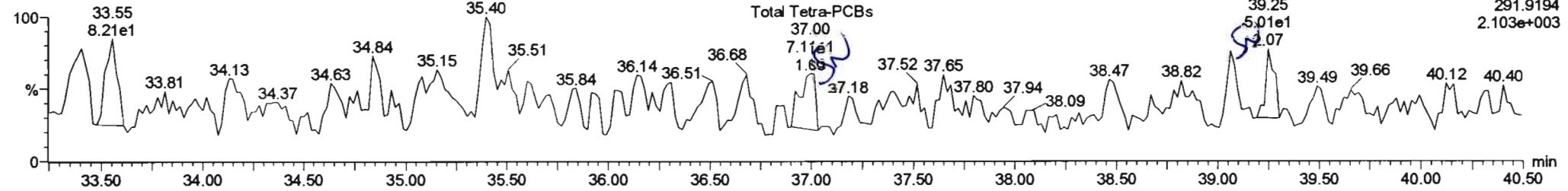
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

PCB-68

200613K2\_12

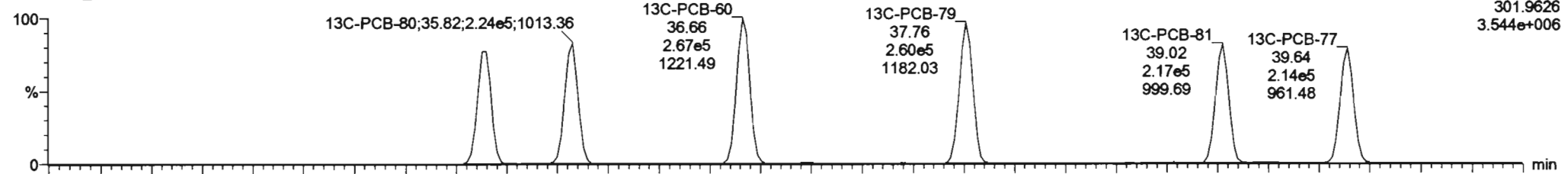


200613K2\_12

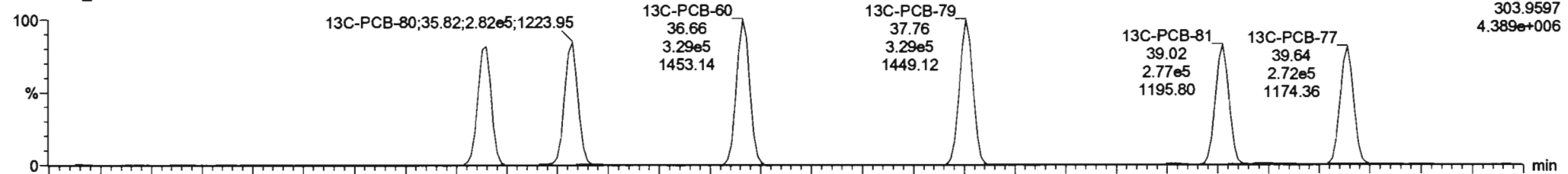


13C-PCB-60

200613K2\_12



200613K2\_12

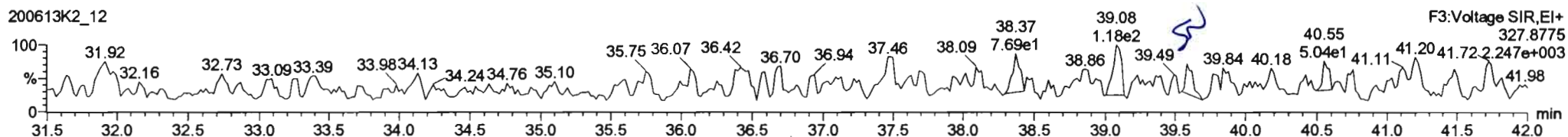
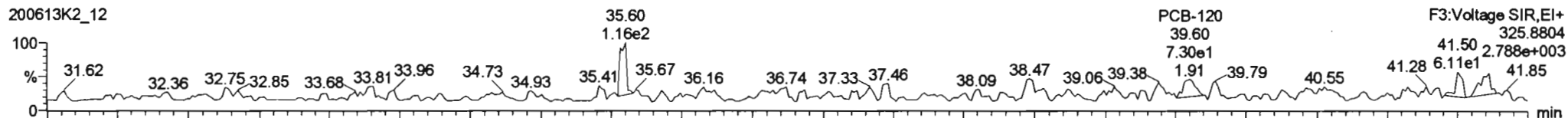


Dataset: Untitled

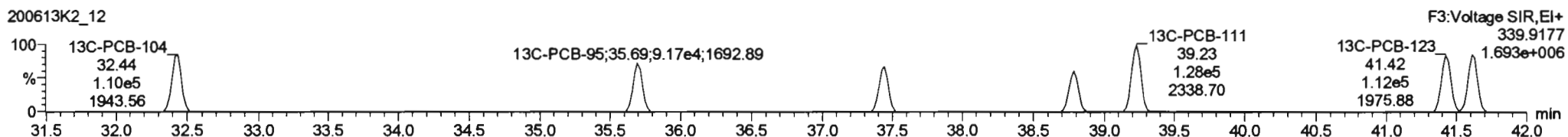
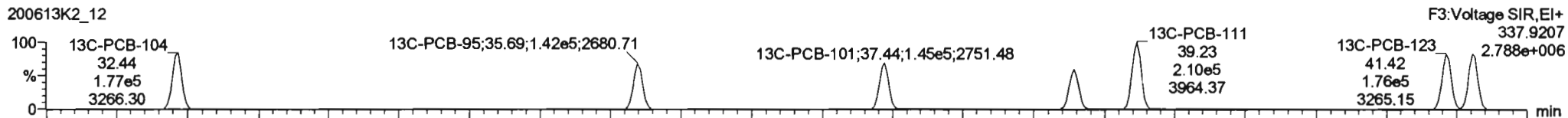
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

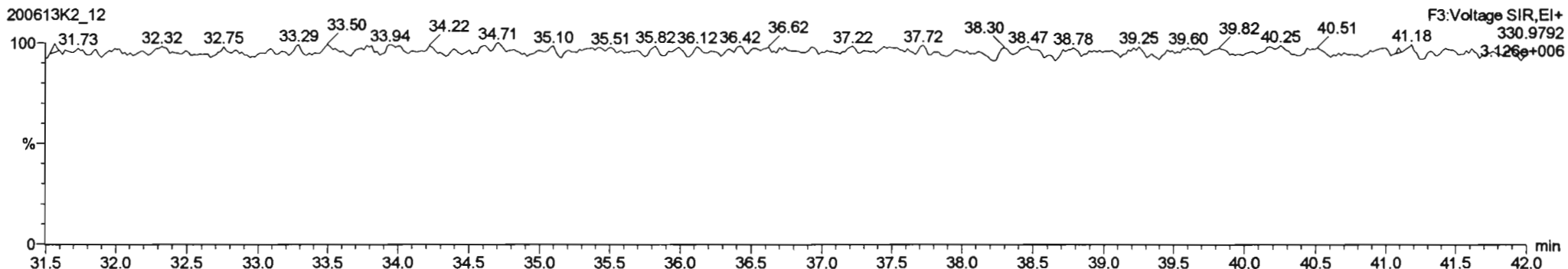
### PCB-104



### 13C-PCB-104



### PFK3b



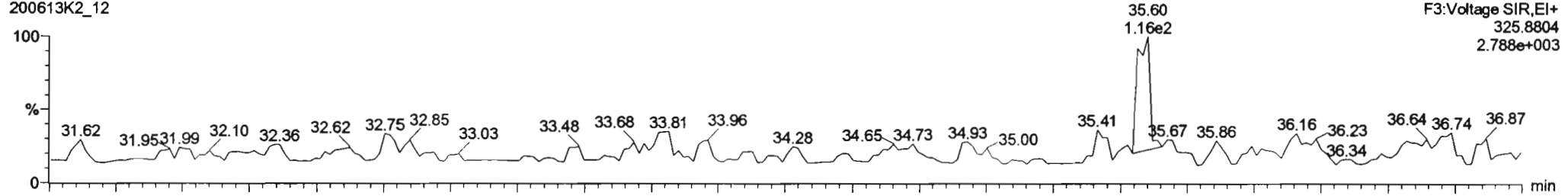
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

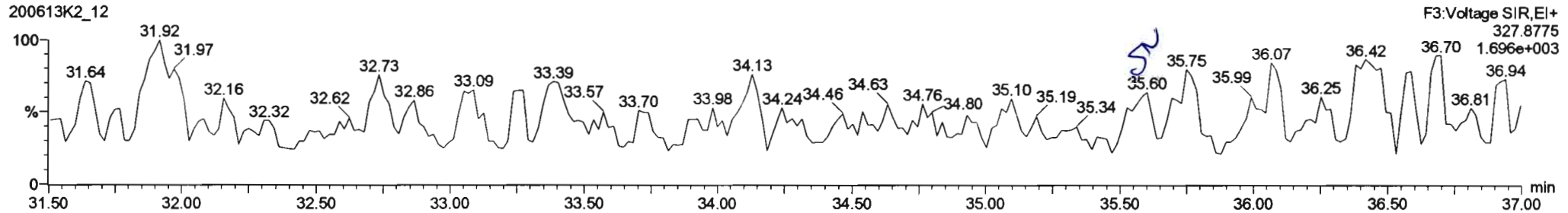
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-96**

200613K2\_12

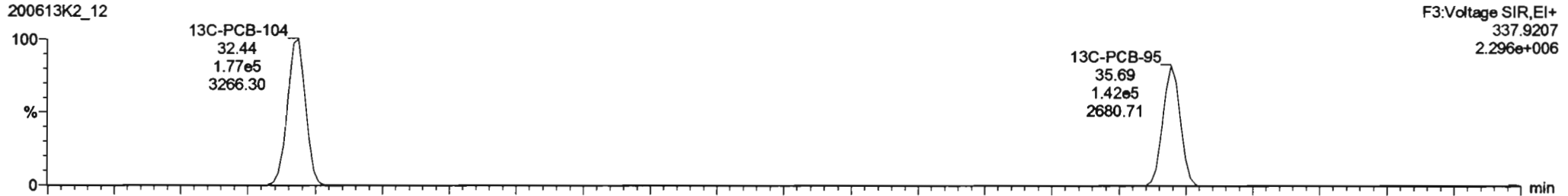


200613K2\_12

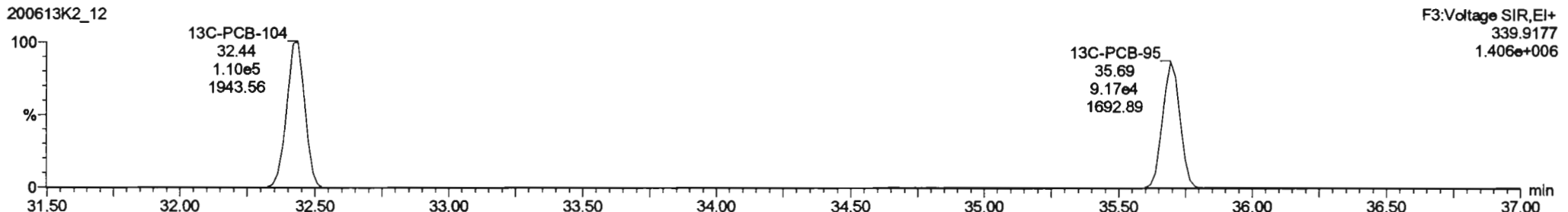


**13C-PCB-95**

200613K2\_12



200613K2\_12





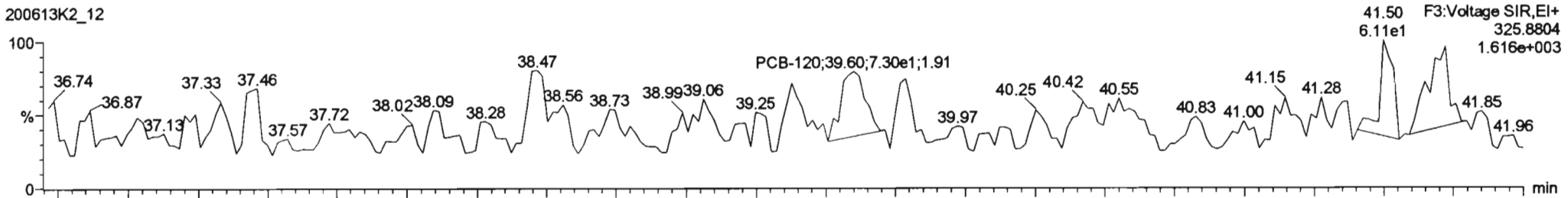
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

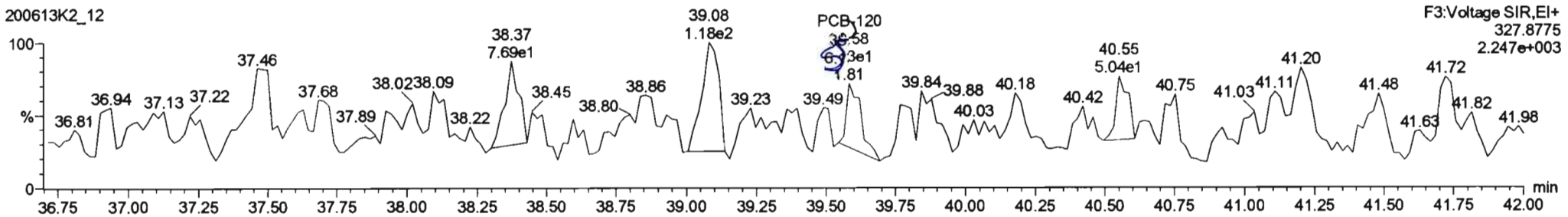
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

PCB-119

200613K2\_12

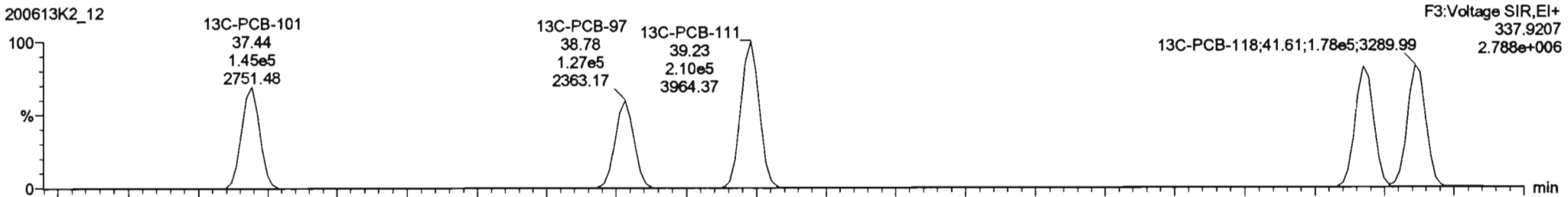


200613K2\_12

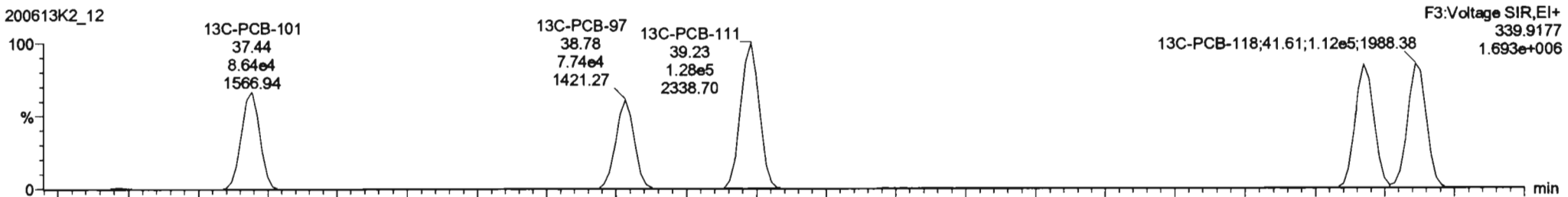


13C-PCB-111

200613K2\_12



200613K2\_12

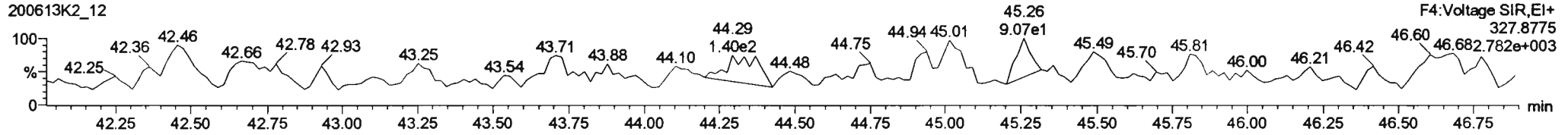
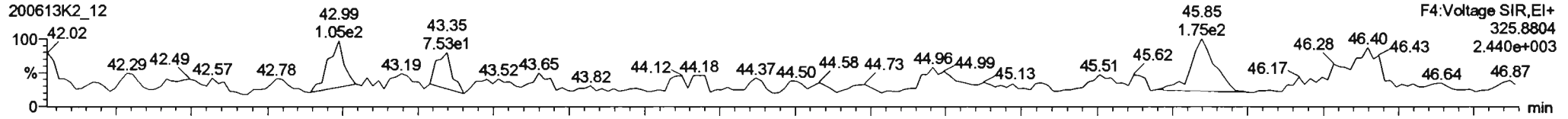


Dataset: Untitled

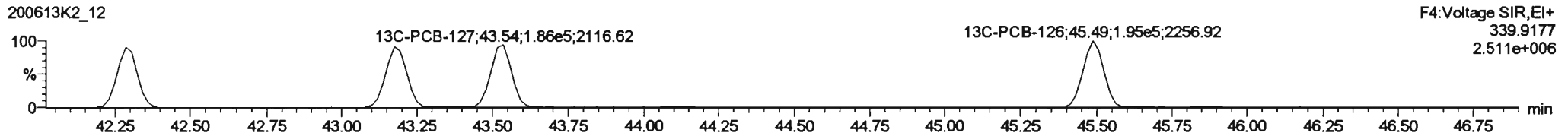
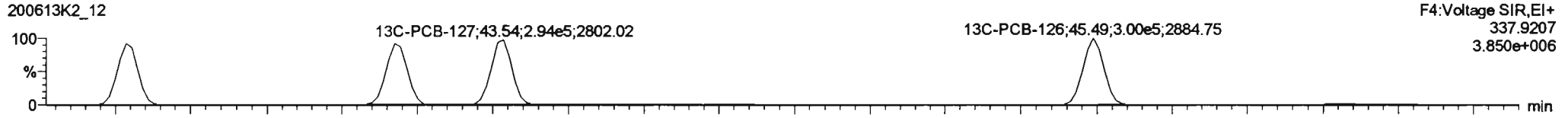
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

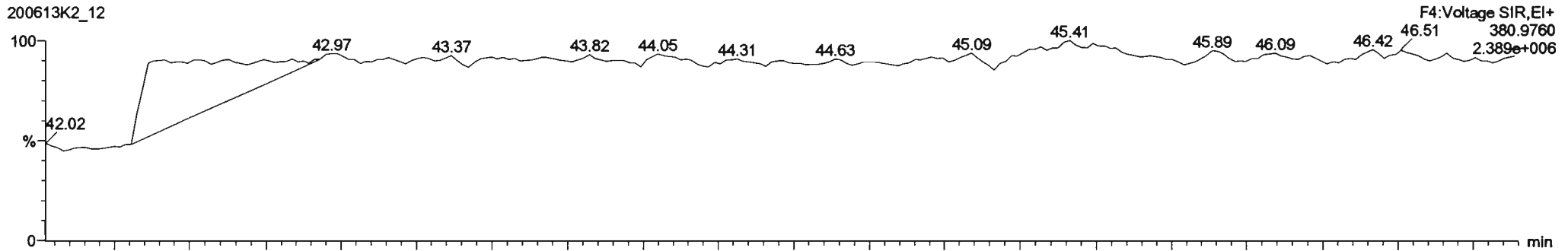
**PCB-114**



**13C-PCB-114**



**PFK4a**





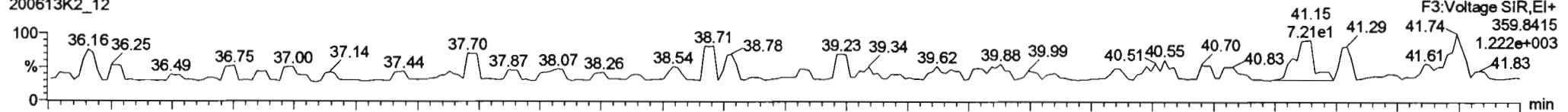
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

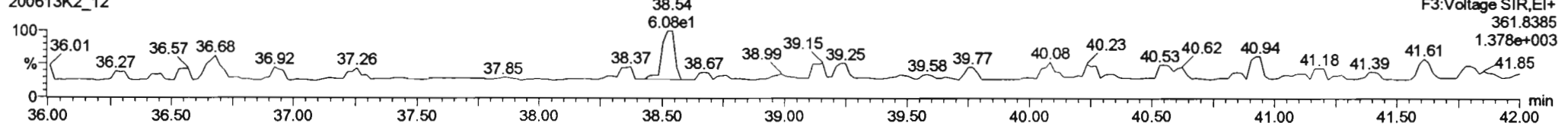
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-155**

200613K2\_12

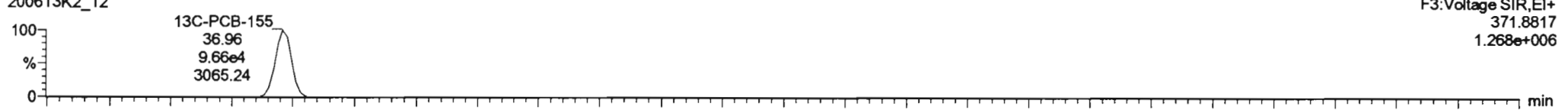


200613K2\_12

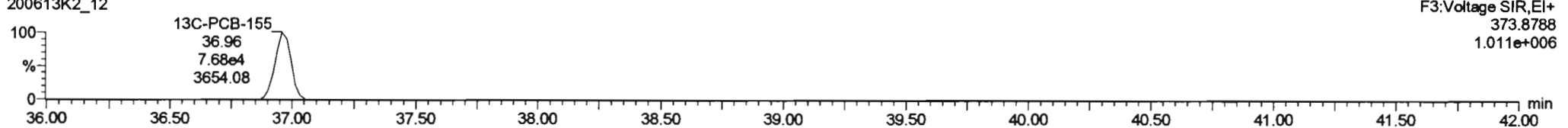


**13C-PCB-155**

200613K2\_12

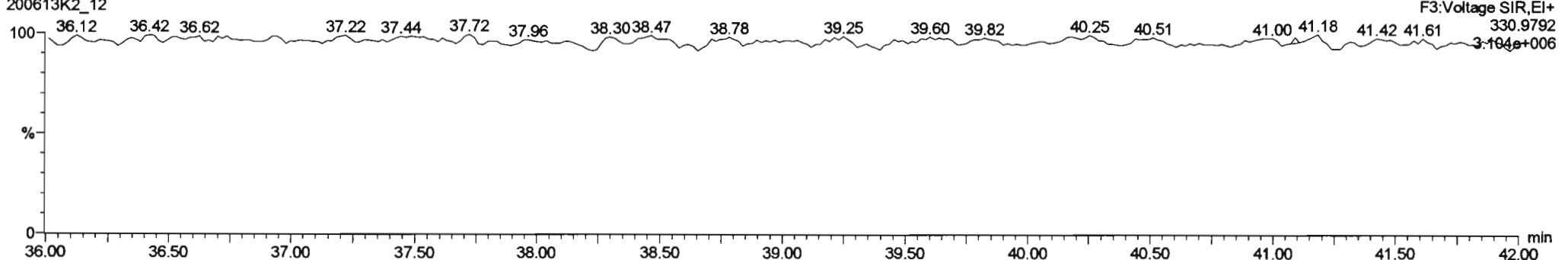


200613K2\_12



**PFK3c**

200613K2\_12



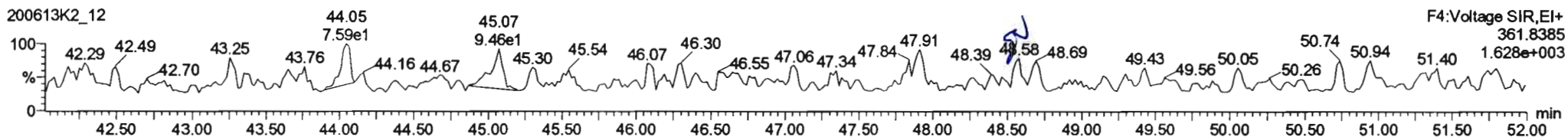
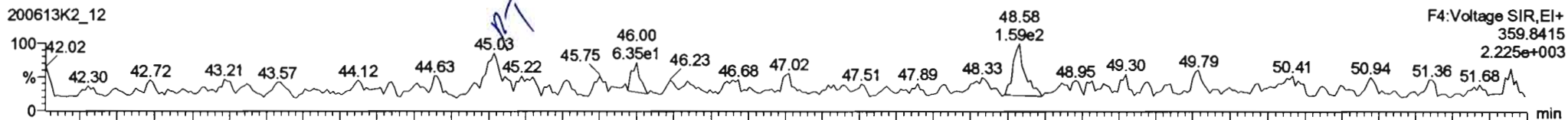
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

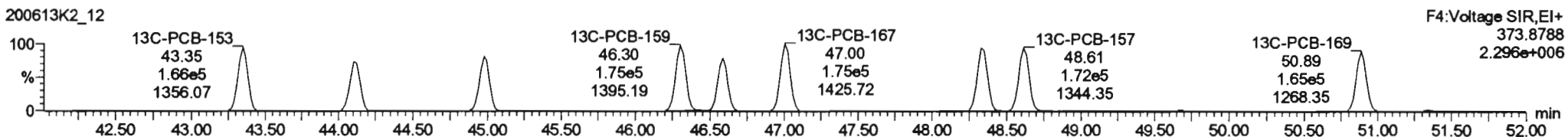
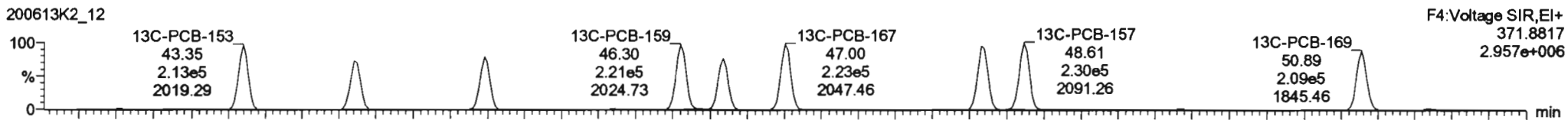
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

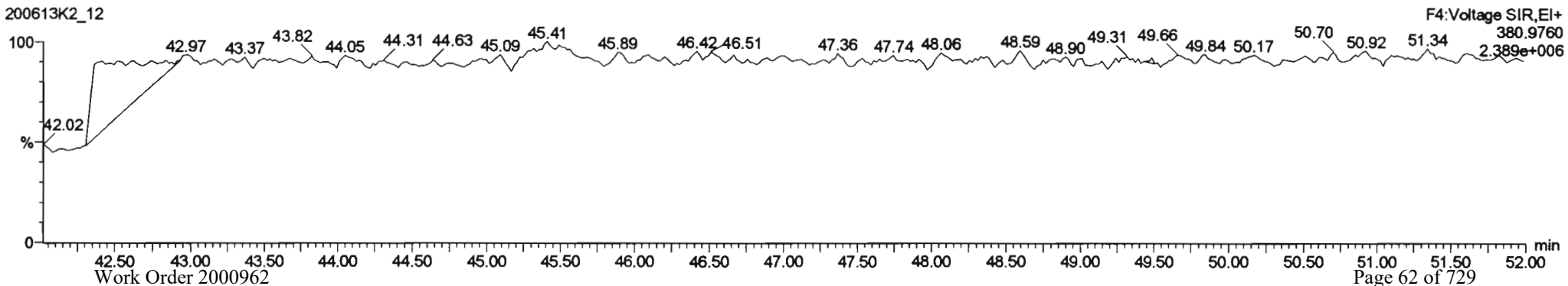
**PCB-134/143**



**13C-PCB-153**



**PFK4b**

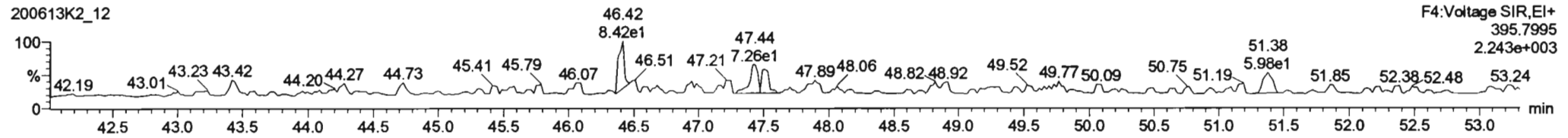
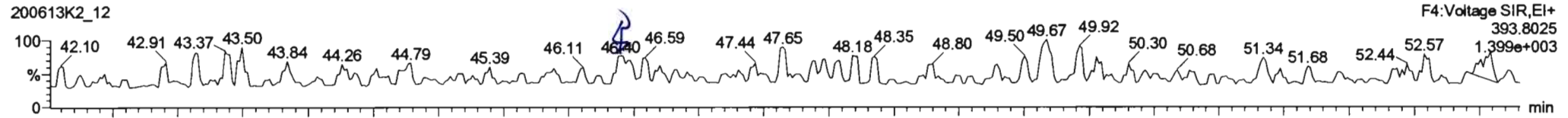


Dataset: Untitled

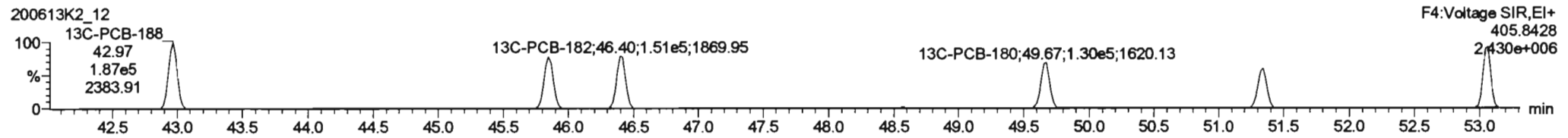
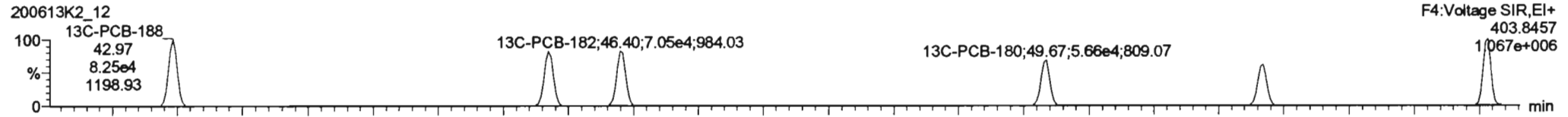
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

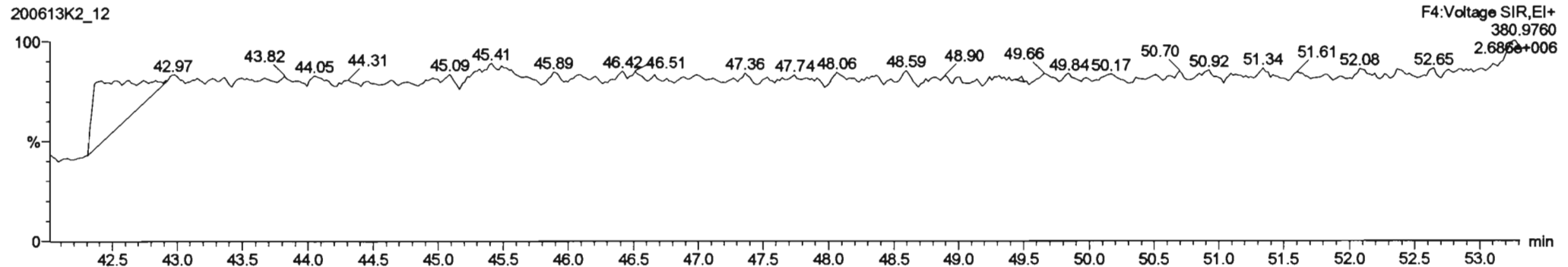
**PCB-188**



**13C-PCB-188**



**PFK4c**



Dataset: Untitled

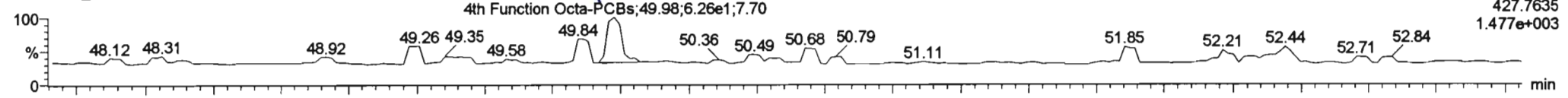
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

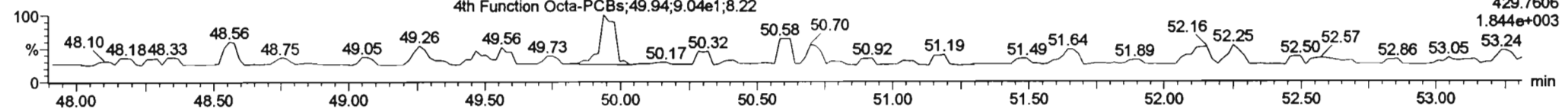
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-202**

200613K2\_12

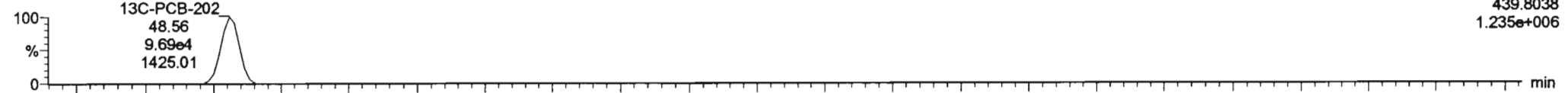


200613K2\_12

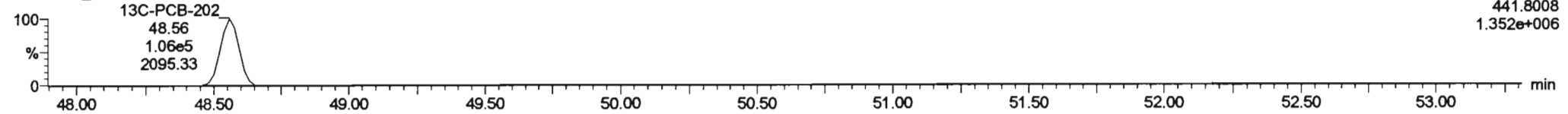


**13C-PCB-202**

200613K2\_12

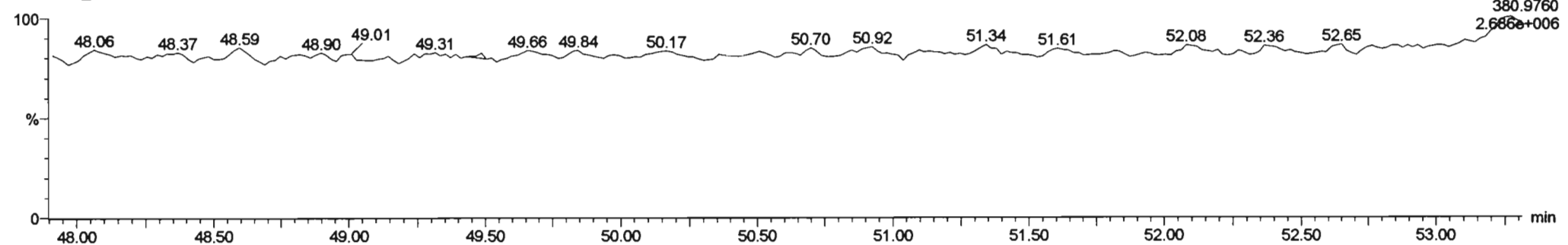


200613K2\_12



**PFK4d**

200613K2\_12

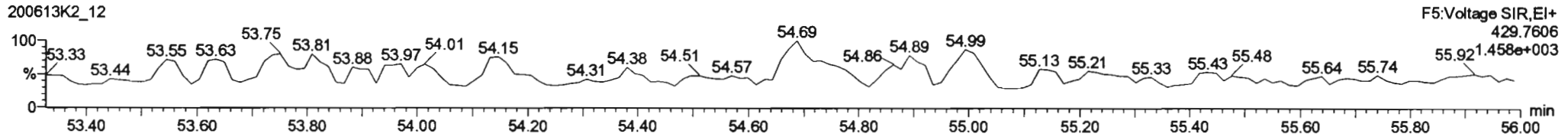
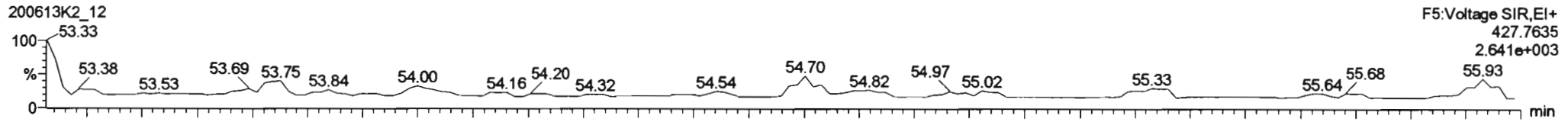


Dataset: Untitled

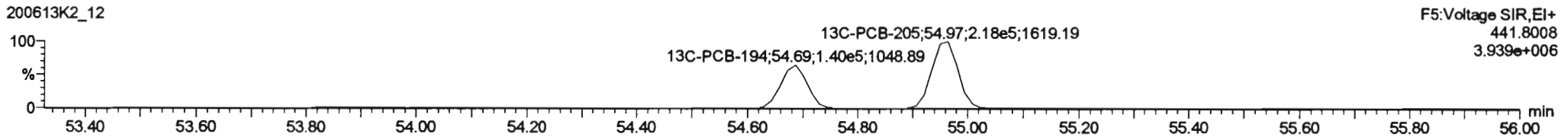
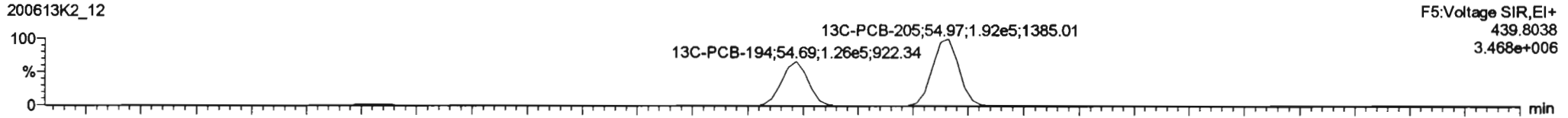
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

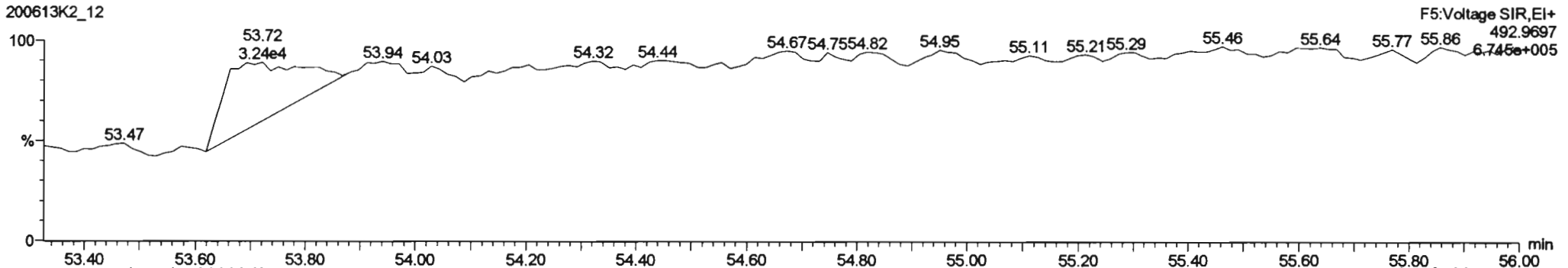
**PCB-195**



**13C-PCB-194**



**PFK5a**



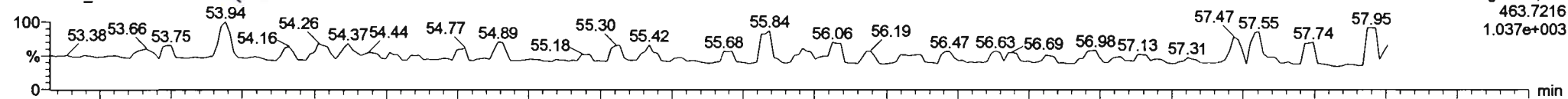
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

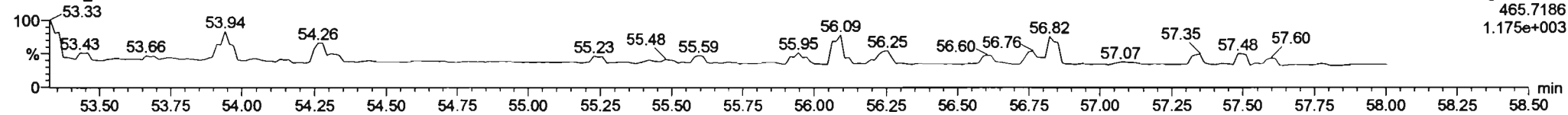
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-208**

200613K2\_12

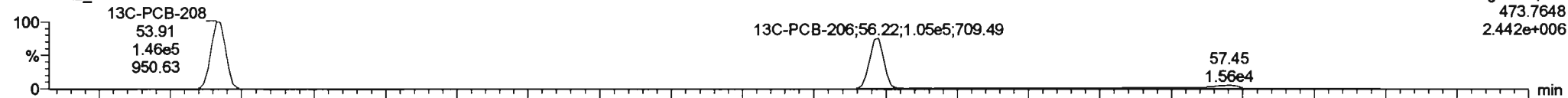


200613K2\_12

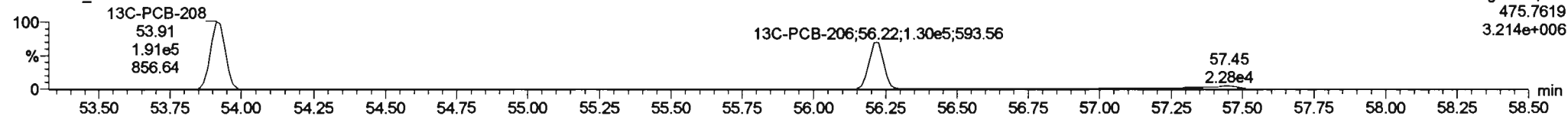


**13C-PCB-208**

200613K2\_12

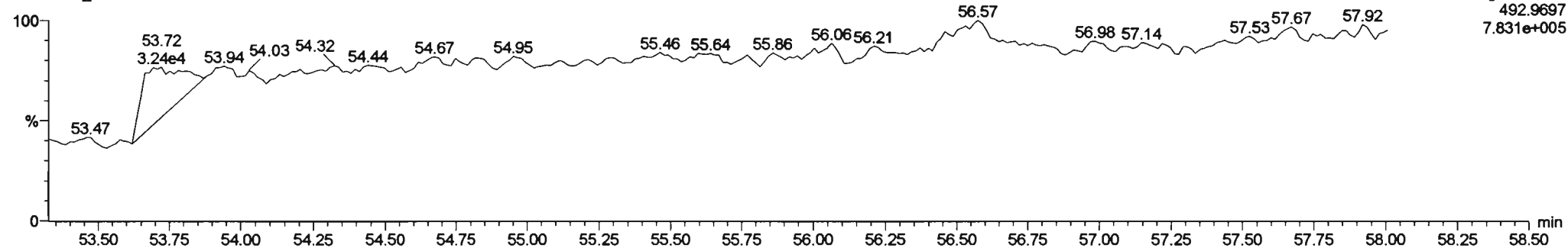


200613K2\_12



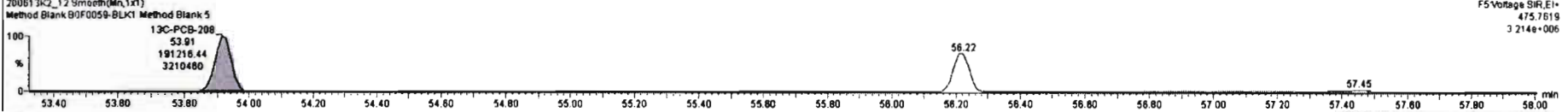
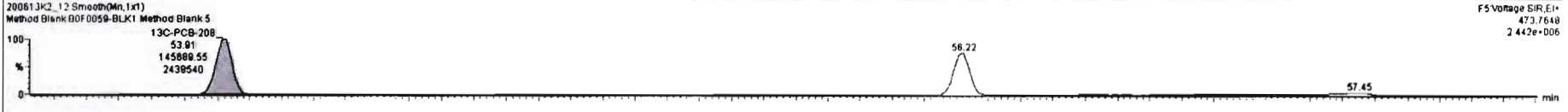
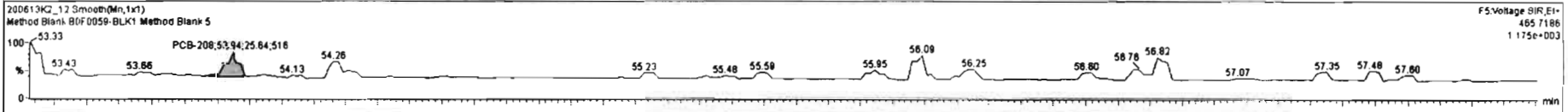
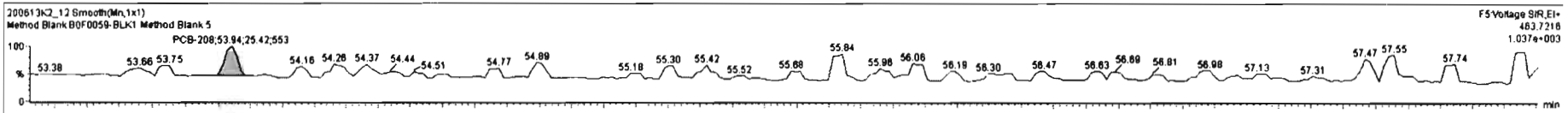
**PFK5**

200613K2\_12



#	Name	Resp	RA	nly	RFI	Initial	Pred.RT	RT	Pred.RT	RRT	RRT Fail	Conc.	%Rec	DL	ElPC
234	4th Function Octa-PCBs				1.0008	5.000	0.00		0.000		NO			3.77	
235	5th Function Octa-PCBs				1.1489	5.000	0.00		0.000		NO			1.28	
236	6th Function Octa-PCBs				0.8523	5.000	0.00		0.000		NO	0.0000		0.051	0.2824
237	Deca-Cl				0.8864	5.000	0.00		0.000		NO			0.119	
238	Total PCBs														
239	Total Mono-isotopes														
240	Total Di-isotopes														
241	2nd Function Tri-isotopes														
242	3rd Function Tri-isotopes														
243	Tetra-isotopes				0.8678	5.000	0.00		1.000		NO	15140		28.1	0.0000

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 <sup>st</sup> Ratio (Pred)	RA	nly	ElPC	Conc.
1	185 PCB-208	53.93	53.94	2.542e1	2.584e1	1.340	0.89	YES	0.28238	0.00000





Dataset: Untitled

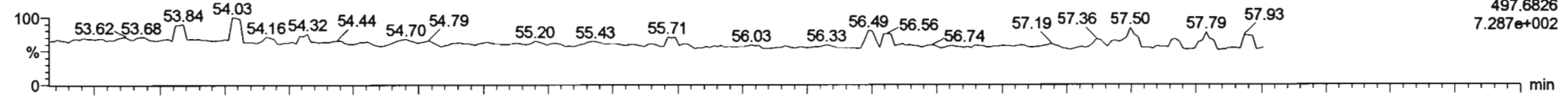
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

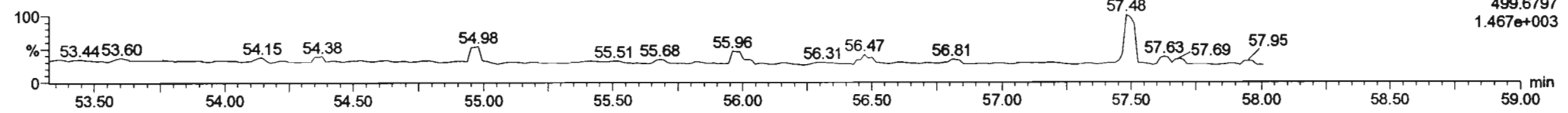
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-209**

200613K2\_12

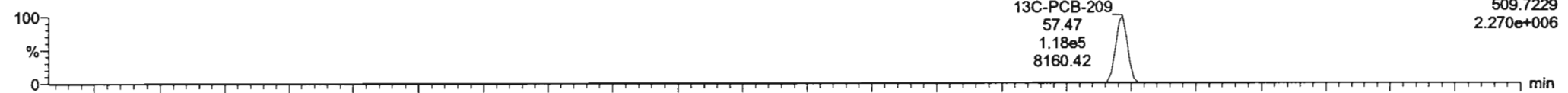


200613K2\_12

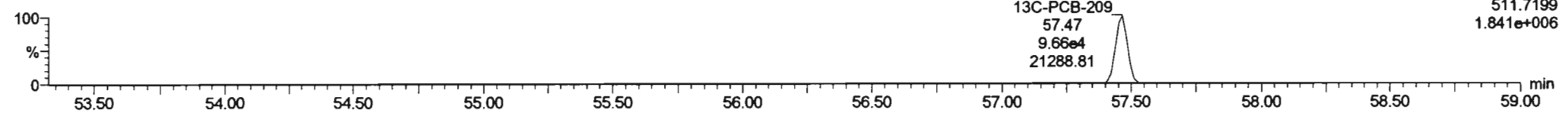


**13C-PCB-209**

200613K2\_12

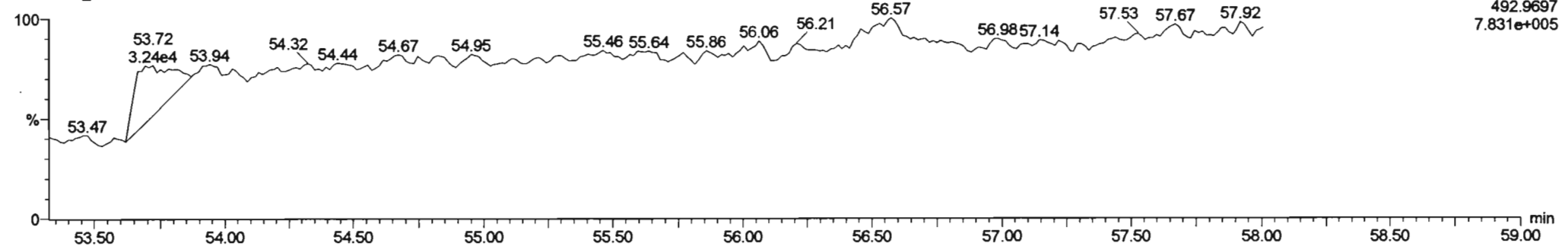


200613K2\_12



**PFK5b**

200613K2\_12





Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

*H 6-14-2020*

*CT 06/23/2020*

Method: Untitled 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DI	EMPC
1	1 PCB-1	6.79e5	3.17	NO	1.17	5.000	15.53	15.54	1.001	1.001	NO	1288		0.441	1288
2	2 PCB-2	6.60e5	3.23	NO	1.18	5.000	17.94	17.94	0.988	0.988	NO	1217		0.448	1217
3	3 PCB-3	6.68e5	3.19	NO	1.15	5.000	18.17	18.18	1.001	1.001	NO	1269		0.461	1269
4	4 PCB-4/10	9.62e5	1.60	NO	1.25	5.000	19.59	19.59	1.004	1.004	NO	2464		2.69	2464
5	5 PCB-7/9	1.18e6	1.56	NO	0.960	5.000	21.40	21.37	1.003	1.001	NO	2427		2.23	2427
6	6 PCB-6	6.53e5	1.55	NO	1.02	5.000	22.05	22.05	1.033	1.033	NO	1264		2.09	1264
7	7 PCB-5/8	1.21e6	1.57	NO	0.992	5.000	22.45	22.45	1.052	1.052	NO	2407		2.16	2407
8	8 PCB-14	6.13e5	1.59	NO	1.02	5.000	23.58	23.59	0.952	0.952	NO	1242		2.26	1242
9	9 PCB-11	6.59e5	1.56	NO	1.13	5.000	24.80	24.80	1.001	1.001	NO	1207		2.05	1207
10	10 PCB-12/13	1.28e6	1.59	NO	1.03	5.000	25.23	25.24	1.018	1.018	NO	2568		2.24	2568
11	11 PCB-15	6.13e5	1.59	NO	1.03	5.000	25.54	25.53	1.031	1.030	NO	1222		2.23	1222
12	12 PCB-19	2.70e5	1.03	NO	1.11	5.000	23.78	23.77	1.001	1.001	NO	1183		1.12	1183
13	13 PCB-30	4.42e5	1.04	NO	1.79	5.000	24.68	24.68	1.039	1.039	NO	1192		0.693	1192
14	14 PCB-18	2.88e5	1.03	NO	0.818	5.000	25.44	25.45	0.952	0.952	NO	1139		1.06	1139
15	15 PCB-17	2.71e5	1.04	NO	0.758	5.000	25.62	25.63	0.958	0.959	NO	1154		1.14	1154
16	16 PCB-24/27	7.85e5	1.03	NO	1.08	5.000	26.23	26.22	0.981	0.981	NO	2345		0.799	2345
17	17 PCB-16/32	6.71e5	1.03	NO	0.925	5.000	26.75	26.75	1.001	1.001	NO	2344		0.934	2344
18	18 PCB-34	4.84e5	1.06	NO	0.945	5.000	27.56	27.56	0.959	0.959	NO	1205		1.01	1205
19	19 PCB-23	4.49e5	1.07	NO	0.883	5.000	27.65	27.65	0.962	0.962	NO	1196		1.08	1196
20	20 PCB-29	4.38e5	1.05	NO	0.893	5.000	27.91	27.91	0.971	0.971	NO	1155		1.07	1155
21	21 PCB-26	4.72e5	1.04	NO	0.944	5.000	28.14	28.14	0.979	0.979	NO	1177		1.01	1177
22	22 PCB-25	4.82e5	1.02	NO	0.950	5.000	28.29	28.31	0.984	0.984	NO	1194		1.00	1194
23	23 PCB-31	5.20e5	1.04	NO	1.04	5.000	28.66	28.66	0.997	0.997	NO	1181		0.921	1181
24	24 PCB-28	5.23e5	1.03	NO	1.03	5.000	28.77	28.77	1.001	1.001	NO	1201		0.931	1201
25	25 PCB-20/21/33	1.43e6	1.02	NO	0.941	5.000	29.41	29.40	1.023	1.023	NO	3583		1.01	3583
26	26 PCB-22	5.03e5	1.03	NO	0.973	5.000	29.85	29.87	1.038	1.039	NO	1217		0.981	1217
27	27 PCB-36	5.04e5	1.03	NO	1.08	5.000	30.49	30.48	0.931	0.931	NO	1194		0.992	1194
28	28 PCB-39	4.57e5	1.00	NO	0.988	5.000	30.97	30.99	0.946	0.947	NO	1179		1.08	1179
29	29 PCB-38	5.08e5	1.05	NO	1.05	5.000	31.77	31.77	0.970	0.970	NO	1231		1.01	1231
30	30 PCB-35	5.00e5	1.05	NO	1.04	5.000	32.31	32.31	0.987	0.987	NO	1221		1.02	1221
31	31 PCB-37	5.08e5	1.02	NO	1.01	5.000	32.75	32.75	1.001	1.001	NO	1285		1.06	1285
32	32 PCB-54	3.63e5	0.78	NO	1.08	5.000	27.62	27.62	1.001	1.001	NO	1208		1.00	1208

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	2.83e5	0.76	NO	0.880	5.000	28.81	28.81	1.044	1.044	NO	1158		1.23	1158
34	34 PCB-53	2.58e5	0.77	NO	0.997	5.000	29.50	29.48	0.944	0.943	NO	1151		1.36	1151
35	35 PCB-51	2.87e5	0.77	NO	1.07	5.000	29.84	29.83	0.955	0.955	NO	1197		1.27	1197
36	36 PCB-45	2.25e5	0.77	NO	0.858	5.000	30.29	30.28	0.969	0.969	NO	1167		1.58	1167
37	37 PCB-46	2.15e5	0.78	NO	0.831	5.000	30.78	30.78	0.985	0.985	NO	1152		1.63	1152
38	38 PCB-52/69	6.22e5	0.78	NO	1.17	5.000	31.28	31.28	1.001	1.001	NO	2371		1.16	2371
39	39 PCB-73	4.00e5	0.77	NO	1.44	5.000	31.40	31.39	1.005	1.005	NO	1232		0.938	1232
40	40 PCB-43/49	5.54e5	0.76	NO	1.02	5.000	31.57	31.56	1.010	1.010	NO	2426		1.33	2426
41	41 PCB-47	2.56e5	0.76	NO	0.922	5.000	31.79	31.78	1.001	1.001	NO	1174		1.42	1174
42	42 PCB-48/75	6.43e5	0.79	NO	1.12	5.000	31.90	31.90	1.004	1.004	NO	2427		1.17	2427
43	43 PCB-65	3.65e5	0.75	NO	1.28	5.000	32.17	32.18	1.013	1.013	NO	1204		1.02	1204
44	44 PCB-62	3.04e5	0.77	NO	1.13	5.000	32.28	32.27	1.016	1.016	NO	1141		1.16	1141
45	45 PCB-44	2.29e5	0.78	NO	0.824	5.000	32.62	32.60	1.027	1.026	NO	1175		1.59	1175
46	46 PCB-42/59	5.99e5	0.78	NO	1.05	5.000	32.85	32.83	1.034	1.033	NO	2413		1.25	2413
47	47 PCB-41/64/71/72	1.39e6	0.79	NO	1.19	5.000	33.45	33.44	1.053	1.053	NO	4959		1.10	4959
48	48 PCB-68	3.68e5	0.77	NO	1.28	5.000	33.70	33.70	1.061	1.061	NO	1218		1.02	1218
49	49 PCB-40	1.74e5	0.76	NO	0.602	5.000	33.93	33.92	1.068	1.068	NO	1226		2.17	1226
50	50 PCB-57	3.91e5	0.75	NO	1.16	5.000	34.30	34.30	0.969	0.969	NO	1189		0.976	1189
51	51 PCB-67	3.61e5	0.77	NO	1.08	5.000	34.62	34.61	0.978	0.978	NO	1175		1.05	1175
52	52 PCB-58	4.05e5	0.77	NO	1.20	5.000	34.74	34.72	0.982	0.981	NO	1187		0.943	1187
53	53 PCB-63	3.55e5	0.78	NO	1.07	5.000	34.90	34.89	0.986	0.986	NO	1170		1.06	1170
54	54 PCB-74	3.97e5	0.77	NO	1.19	5.000	35.20	35.19	0.994	0.994	NO	1184		0.958	1184
55	55 PCB-61/70	7.16e5	0.77	NO	1.05	5.000	35.41	35.32	1.000	0.998	NO	2398		1.08	2398
56	56 PCB-76/66	7.89e5	0.78	NO	1.16	5.000	35.60	35.60	1.006	1.006	NO	2393		0.975	2393
57	57 PCB-80	4.18e5	0.76	NO	1.19	5.000	35.84	35.84	1.001	1.001	NO	1189		0.882	1189
58	58 PCB-55	4.13e5	0.77	NO	1.17	5.000	36.16	36.18	1.010	1.010	NO	1192		0.895	1192
59	59 PCB-56/60	7.33e5	0.77	NO	1.02	5.000	36.68	36.68	1.024	1.024	NO	2429		1.03	2429
60	60 PCB-79	4.13e5	0.77	NO	1.14	5.000	37.78	37.78	1.055	1.055	NO	1223		0.920	1223
61	61 PCB-78	3.80e5	0.78	NO	1.14	5.000	38.50	38.50	0.987	0.987	NO	1142		0.940	1142
62	62 PCB-81	3.76e5	0.77	NO	1.05	5.000	39.04	39.04	1.000	1.000	NO	1230		1.02	1230
63	63 PCB-77	3.76e5	0.78	NO	1.14	5.000	39.66	39.66	1.000	1.000	NO	1170		0.979	1170
64	64 PCB-104	2.24e5	1.59	NO	1.12	5.000	32.46	32.46	1.001	1.001	NO	1185		0.941	1185
65	65 PCB-96	2.25e5	1.59	NO	1.15	5.000	33.78	33.76	1.041	1.041	NO	1156		0.915	1156
66	66 PCB-103	1.78e5	1.59	NO	0.936	5.000	34.34	34.32	1.059	1.058	NO	1128		1.13	1128
67	67 PCB-100	1.79e5	1.55	NO	0.954	5.000	34.69	34.67	1.069	1.069	NO	1113		1.11	1113
68	68 PCB-94	1.41e5	1.55	NO	0.949	5.000	35.18	35.17	0.985	0.985	NO	1108		1.37	1108

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	5.60e5	1.59	NO	1.20	5.000	35.65	35.66	0.999	0.999	NO	3469		1.08	3469
70	70 PCB-93	1.35e5	1.60	NO	0.935	5.000	35.77	35.79	1.002	1.003	NO	1080		1.39	1080
71	71 PCB-88/91	3.36e5	1.56	NO	1.06	5.000	36.12	36.12	1.012	1.012	NO	2358		1.22	2358
72	72 PCB-121	2.46e5	1.60	NO	1.71	5.000	36.21	36.21	1.015	1.015	NO	1072		0.761	1072
73	73 PCB-84/92	3.08e5	1.60	NO	1.02	5.000	37.08	37.07	0.990	0.990	NO	2276		1.27	2276
74	74 PCB-89	1.68e5	1.58	NO	1.11	5.000	37.25	37.26	0.995	0.995	NO	1141		1.17	1141
75	75 PCB-90/101	3.42e5	1.61	NO	1.12	5.000	37.46	37.44	1.000	1.000	NO	2287		1.15	2287
76	76 PCB-113	2.39e5	1.61	NO	1.51	5.000	37.70	37.70	1.007	1.007	NO	1184		0.852	1184
77	77 PCB-99	1.87e5	1.60	NO	1.32	5.000	37.79	37.80	1.009	1.009	NO	1063		0.976	1063
78	78 PCB-119	2.44e5	1.58	NO	1.81	5.000	38.28	38.28	0.987	0.987	NO	1116		0.804	1116
79	79 PCB-108/112	3.91e5	1.60	NO	1.44	5.000	38.44	38.43	0.991	0.991	NO	2238		1.00	2238
80	80 PCB-83	2.45e5	1.58	NO	1.83	5.000	38.59	38.60	0.995	0.995	NO	1107		0.793	1107
81	81 PCB-97	1.75e5	1.59	NO	1.28	5.000	38.80	38.80	1.000	1.000	NO	1126		1.13	1126
82	82 PCB-86	1.64e5	1.59	NO	1.12	5.000	38.95	38.97	1.004	1.005	NO	1210		1.30	1210
83	83 PCB-87/117/125	6.64e5	1.60	NO	1.56	5.000	39.10	39.08	1.008	1.008	NO	3520		0.931	3520
84	84 PCB-111/115	5.60e5	1.58	NO	1.91	5.000	39.25	39.25	1.012	1.012	NO	2420		0.760	2420
85	85 PCB-85/116	3.76e5	1.60	NO	1.41	5.000	39.38	39.38	1.015	1.015	NO	2201		1.03	2201
86	86 PCB-120	2.83e5	1.59	NO	2.01	5.000	39.64	39.64	1.022	1.022	NO	1167		0.724	1167
87	87 PCB-110	2.29e5	1.56	NO	1.74	5.000	39.77	39.79	1.026	1.026	NO	1085		0.833	1085
88	88 PCB-82	1.42e5	1.55	NO	0.781	5.000	40.43	40.42	0.976	0.976	NO	1099		1.37	1099
89	89 PCB-124	2.45e5	1.54	NO	1.40	5.000	41.13	41.13	0.993	0.993	NO	1063		0.767	1063
90	90 PCB-107/109	5.08e5	1.58	NO	1.34	5.000	41.27	41.28	0.996	0.996	NO	2291		0.799	2291
91	91 PCB-123	2.23e5	1.57	NO	1.20	5.000	41.44	41.44	1.000	1.000	NO	1124		0.895	1124
92	92 PCB-106/118	4.93e5	1.60	NO	1.22	5.000	41.65	41.67	1.001	1.001	NO	2306		0.845	2306
93	93 PCB-114	3.45e5	1.56	NO	1.14	5.000	42.31	42.30	1.000	1.000	NO	1160		1.41	1160
94	94 PCB-122	2.91e5	1.60	NO	0.944	5.000	42.45	42.46	1.004	1.004	NO	1182		1.70	1182
95	95 PCB-105	3.35e5	1.56	NO	1.05	5.000	43.19	43.21	1.000	1.001	NO	1192		1.50	1192
96	96 PCB-127	3.65e5	1.55	NO	1.06	5.000	43.55	43.56	1.000	1.000	NO	1216		1.37	1216
97	97 PCB-126	4.04e5	1.58	NO	1.17	5.000	45.51	45.51	1.000	1.000	NO	1171		1.20	1171
98	98 PCB-155	1.16e5	1.37	NO	1.04	5.000	36.98	36.99	1.000	1.001	NO	1091		0.879	1091
99	99 PCB-150	1.25e5	1.29	NO	1.08	5.000	38.30	38.30	1.036	1.036	NO	1140		0.847	1140
100	1... PCB-152	1.42e5	1.31	NO	1.19	5.000	38.78	38.78	1.049	1.049	NO	1177		0.773	1177
101	1... PCB-145	1.46e5	1.27	NO	1.19	5.000	39.25	39.25	1.062	1.062	NO	1210		0.772	1210
102	1... PCB-136	1.25e5	1.33	NO	1.02	5.000	39.58	39.58	1.071	1.071	NO	1207		0.899	1207
103	1... PCB-148	9.39e4	1.36	NO	0.842	5.000	39.69	39.69	1.074	1.074	NO	1099		1.09	1099
104	1... PCB-154	1.08e5	1.31	NO	0.919	5.000	40.20	40.20	1.088	1.088	NO	1156		0.998	1156

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	8.99e4	1.27	NO	0.787	5.000	40.86	40.85	1.105	1.105	NO	1125		1.17	1125
106	1... PCB-135	1.06e5	1.28	NO	0.922	5.000	41.07	41.09	1.111	1.112	NO	1131		0.995	1131
107	1... PCB-144	8.68e4	1.31	NO	0.789	5.000	41.18	41.18	1.114	1.114	NO	1082		1.16	1082
108	1... PCB-147	9.59e4	1.29	NO	0.834	5.000	41.31	41.33	1.118	1.118	NO	1131		1.10	1131
109	1... PCB-139/149	2.22e5	1.34	NO	0.948	5.000	41.60	41.59	1.125	1.125	NO	2304		0.968	2304
110	1... PCB-140	9.09e4	1.32	NO	0.794	5.000	41.78	41.80	1.130	1.131	NO	1128		1.16	1128
111	1... PCB-134/143	3.86e5	1.24	NO	0.759	5.000	42.26	42.25	0.975	0.975	NO	2332		2.48	2332
112	1... PCB-131/133	4.06e5	1.22	NO	0.821	5.000	42.56	42.55	0.982	0.982	NO	2269		2.30	2269
113	1... PCB-142	1.83e5	1.23	NO	0.754	5.000	42.71	42.70	0.985	0.985	NO	1115		2.50	1115
114	1... PCB-146/165	5.09e5	1.24	NO	1.02	5.000	42.95	42.95	0.991	0.991	NO	2300		1.86	2300
115	1... PCB-132/161	5.12e5	1.23	NO	1.02	5.000	43.18	43.18	0.996	0.996	NO	2295		1.84	2295
116	1... PCB-153	2.67e5	1.25	NO	1.07	5.000	43.36	43.37	1.000	1.000	NO	1145		1.76	1145
117	1... PCB-168	2.76e5	1.24	NO	1.08	5.000	43.59	43.59	1.006	1.006	NO	1175		1.75	1175
118	1... PCB-141	2.18e5	1.26	NO	1.03	5.000	44.12	44.14	1.000	1.001	NO	1186		2.27	1186
119	1... PCB-137	2.11e5	1.23	NO	1.11	5.000	44.52	44.52	1.010	1.009	NO	1059		2.09	1059
120	1... PCB-130	1.85e5	1.23	NO	0.885	5.000	44.62	44.63	1.012	1.012	NO	1166		2.63	1166
121	1... PCB-138/163/164	8.32e5	1.24	NO	1.28	5.000	45.01	45.03	1.001	1.001	NO	3574		1.80	3574
122	1... PCB-158/160	5.72e5	1.27	NO	1.24	5.000	45.26	45.28	1.006	1.007	NO	2544		1.86	2544
123	1... PCB-129	2.04e5	1.29	NO	0.867	5.000	45.52	45.53	1.012	1.012	NO	1295		2.66	1295
124	1... PCB-166	3.03e5	1.24	NO	1.14	5.000	45.99	45.98	0.993	0.993	NO	1149		1.59	1149
125	1... PCB-159	3.26e5	1.24	NO	1.22	5.000	46.32	46.32	1.000	1.000	NO	1162		1.49	1162
126	1... PCB-128/162	4.83e5	1.23	NO	0.907	5.000	46.61	46.62	1.007	1.007	NO	2309		2.00	2309
127	1... PCB-167	2.86e5	1.25	NO	1.11	5.000	47.02	47.02	1.000	1.000	NO	1173		1.72	1173
128	1... PCB-156	2.85e5	1.23	NO	1.13	5.000	48.35	48.37	1.000	1.001	NO	1185		1.79	1185
129	1... PCB-157	2.66e5	1.26	NO	1.04	5.000	48.65	48.63	1.001	1.000	NO	1170		1.85	1170
130	1... PCB-169	2.71e5	1.25	NO	1.16	5.000	50.91	50.91	1.000	1.000	NO	1175		1.84	1175
131	1... PCB-188	2.36e5	1.08	NO	1.29	5.000	43.01	42.99	1.001	1.000	NO	1169		1.55	1169
132	1... PCB-184	2.28e5	1.05	NO	1.23	5.000	43.44	43.46	1.011	1.011	NO	1181		1.63	1181
133	1... PCB-179	2.32e5	1.02	NO	1.30	5.000	44.26	44.26	1.030	1.030	NO	1142		1.54	1142
134	1... PCB-176	2.30e5	1.06	NO	1.31	5.000	44.72	44.73	1.041	1.041	NO	1124		1.53	1124
135	1... PCB-186	2.81e5	1.01	NO	1.33	5.000	45.35	45.35	1.055	1.056	NO	1349		1.51	1349
136	1... PCB-178	1.72e5	1.06	NO	0.943	5.000	45.87	45.87	1.067	1.067	NO	1165		2.12	1165
137	1... PCB-175	1.70e5	1.05	NO	0.956	5.000	46.22	46.23	1.076	1.076	NO	1139		2.10	1139
138	1... PCB-182/187	3.94e5	1.04	NO	1.07	5.000	46.40	46.42	1.080	1.080	NO	2362		1.88	2362
139	1... PCB-183	1.83e5	1.06	NO	1.02	5.000	46.74	46.74	1.088	1.088	NO	1142		1.96	1142
140	1... PCB-185	1.66e5	1.03	NO	1.41	5.000	47.42	47.42	0.955	0.955	NO	1130		2.23	1130



Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	1.47e5	1.04	NO	1.35	5.000	47.81	47.80	0.962	0.962	NO	1043		2.31	1043
142	1... PCB-181	1.80e5	1.04	NO	1.47	5.000	47.90	47.89	0.964	0.964	NO	1168		2.12	1168
143	1... PCB-177	1.48e5	1.04	NO	1.28	5.000	48.06	48.06	0.968	0.968	NO	1109		2.45	1109
144	1... PCB-171	1.55e5	1.03	NO	1.32	5.000	48.36	48.37	0.974	0.974	NO	1124		2.38	1124
145	1... PCB-173	1.36e5	1.04	NO	1.19	5.000	48.80	48.80	0.983	0.982	NO	1097		2.63	1097
146	1... PCB-172	1.59e5	1.06	NO	1.38	5.000	49.28	49.28	0.992	0.992	NO	1107		2.28	1107
147	1... PCB-192	2.10e5	1.06	NO	1.83	5.000	49.47	49.47	0.996	0.996	NO	1101		1.71	1101
148	1... PCB-180	1.72e5	1.05	NO	1.41	5.000	49.69	49.69	1.000	1.000	NO	1166		2.22	1166
149	1... PCB-193	1.91e5	1.05	NO	1.68	5.000	49.90	49.90	1.005	1.005	NO	1088		1.87	1088
150	1... PCB-191	1.96e5	1.00	NO	1.71	5.000	50.17	50.17	1.010	1.010	NO	1100		1.83	1100
151	1... PCB-170	1.45e5	1.03	NO	1.40	5.000	51.36	51.36	1.000	1.000	NO	1182		2.59	1182
152	1... PCB-190	1.93e5	1.06	NO	1.85	5.000	51.55	51.55	1.004	1.004	NO	1193		1.96	1193
153	1... PCB-189	2.00e5	1.03	NO	1.45	5.000	53.09	53.08	1.000	1.000	NO	1159		1.62	1159
154	1... PCB-202	1.48e5	0.89	NO	1.17	5.000	48.59	48.58	1.001	1.000	NO	1121		1.09	1121
155	1... PCB-201	1.33e5	0.92	NO	1.05	5.000	49.09	49.09	1.011	1.011	NO	1114		1.21	1114
156	1... PCB-204	1.43e5	0.89	NO	1.14	5.000	49.23	49.24	1.014	1.014	NO	1113		1.11	1113
157	1... PCB-197	1.41e5	0.93	NO	1.13	5.000	49.55	49.56	1.020	1.021	NO	1105		1.12	1105
158	1... PCB-200	1.33e5	0.92	NO	1.07	5.000	50.48	50.49	1.040	1.040	NO	1100		1.19	1100
159	1... PCB-198	1.03e5	0.90	NO	0.794	5.000	52.06	52.06	1.072	1.072	NO	1148		1.60	1148
160	1... PCB-199	1.00e5	0.88	NO	0.809	5.000	52.16	52.17	1.074	1.075	NO	1093		1.57	1093
161	1... PCB-196/203	2.16e5	0.91	NO	0.838	5.000	52.48	52.48	1.081	1.081	NO	2277		1.51	2277
162	1... PCB-195	1.64e5	0.91	NO	1.04	5.000	53.78	53.78	0.984	0.983	NO	1093		2.59	1093
163	1... PCB-194	1.85e5	0.89	NO	1.12	5.000	54.70	54.70	1.000	1.000	NO	1151		2.43	1151
164	1... PCB-205	2.25e5	0.91	NO	1.29	5.000	54.97	54.98	1.005	1.005	NO	1211		2.10	1211
165	1... PCB-208	1.99e5	1.35	NO	0.933	5.000	53.94	53.94	1.000	1.000	NO	1153		2.57	1153
166	1... PCB-207	1.87e5	1.36	NO	0.916	5.000	54.26	54.26	1.006	1.006	NO	1105		2.61	1105
167	1... PCB-206	1.47e5	1.35	NO	1.01	5.000	56.24	56.24	1.000	1.000	NO	1104		3.19	1104
168	1... PCB-209	1.33e5	1.21	NO	0.986	5.000	57.47	57.47	1.000	1.000	NO	1147		0.229	1147
169	1... 13C-PCB-1	9.03e5	3.30	NO	0.893	5.000	15.50	15.52	0.608	0.609	NO	1599	80.0	2.06	
170	1... 13C-PCB-3	9.16e5	3.31	NO	0.911	5.000	18.15	18.16	0.712	0.712	NO	1592	79.6	2.02	
171	1... 13C-PCB-4	6.25e5	1.59	NO	0.600	5.000	19.50	19.51	0.765	0.765	NO	1650	82.5	1.05	
172	1... 13C-PCB-9	1.01e6	1.58	NO	0.970	5.000	21.33	21.34	0.836	0.837	NO	1649	82.5	0.649	
173	1... 13C-PCB-11	9.70e5	1.59	NO	0.962	5.000	24.77	24.78	0.971	0.972	NO	1596	79.8	0.654	
174	1... 13C-PCB-19	4.13e5	1.04	NO	0.499	5.000	23.74	23.75	0.931	0.931	NO	1311	65.6	10.7	
175	1... 13C-PCB-32	6.18e5	1.06	NO	0.744	5.000	26.72	26.73	1.048	1.048	NO	1315	65.8	7.16	
176	1... 13C-PCB-28	8.50e5	1.05	NO	1.06	5.000	28.75	28.75	1.004	1.004	NO	1606	80.3	9.48	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	FA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	7.84e5	1.09	NO	0.989	5.000	32.73	32.73	1.143	1.143	NO	1596	79.8	10.2	
178	1... 13C-PCB-54	5.57e5	0.81	NO	0.999	5.000	27.60	27.60	0.753	0.753	NO	1669	83.5	2.22	
179	1... 13C-PCB-52	4.49e5	0.81	NO	0.804	5.000	31.24	31.25	0.852	0.852	NO	1675	83.8	2.75	
180	1... 13C-PCB-47	4.73e5	0.78	NO	0.857	5.000	31.76	31.77	0.866	0.867	NO	1653	82.7	2.58	
181	1... 13C-PCB-70	5.66e5	0.79	NO	0.996	5.000	35.39	35.40	0.965	0.965	NO	1705	85.2	2.22	
182	1... 13C-PCB-80	5.93e5	0.80	NO	1.03	5.000	35.82	35.82	0.977	0.977	NO	1729	86.4	2.15	
183	1... 13C-PCB-81	5.85e5	0.79	NO	0.988	5.000	39.02	39.02	1.064	1.064	NO	1774	88.7	2.24	
184	1... 13C-PCB-77	5.65e5	0.82	NO	0.969	5.000	39.64	39.64	1.081	1.081	NO	1747	87.4	2.29	
185	1... 13C-PCB-104	3.37e5	1.57	NO	1.02	5.000	32.44	32.44	0.827	0.827	NO	1682	84.1	1.08	
186	1... 13C-PCB-95	2.68e5	1.67	NO	0.805	5.000	35.69	35.69	0.910	0.910	NO	1689	84.4	1.37	
187	1... 13C-PCB-101	2.66e5	1.60	NO	0.793	5.000	37.44	37.44	0.954	0.954	NO	1706	85.3	1.39	
188	1... 13C-PCB-97	2.42e5	1.59	NO	0.696	5.000	38.78	38.78	0.989	0.989	NO	1764	88.2	1.58	
189	1... 13C-PCB-123	3.31e5	1.66	NO	0.933	5.000	41.42	41.42	1.056	1.056	NO	1799	90.0	1.18	
190	1... 13C-PCB-118	3.51e5	1.66	NO	0.986	5.000	41.61	41.61	1.061	1.061	NO	1806	90.3	1.12	
191	1... 13C-PCB-114	5.22e5	1.60	NO	1.55	5.000	42.29	42.28	0.908	0.908	NO	1932	96.6	2.10	
192	1... 13C-PCB-105	5.34e5	1.55	NO	1.57	5.000	43.17	43.18	0.927	0.927	NO	1947	97.4	2.07	
193	1... 13C-PCB-127	5.67e5	1.57	NO	1.62	5.000	43.53	43.54	0.934	0.935	NO	2000	100	2.00	
194	1... 13C-PCB-126	5.88e5	1.58	NO	1.57	5.000	45.49	45.49	0.976	0.976	NO	2150	108	2.07	
195	1... 13C-PCB-155	2.03e5	1.30	NO	0.615	5.000	36.96	36.96	0.942	0.942	NO	1678	83.9	0.779	
196	1... 13C-PCB-153	4.36e5	1.30	NO	1.36	5.000	43.34	43.35	0.930	0.930	NO	1830	91.5	2.02	
197	1... 13C-PCB-141	3.59e5	1.27	NO	1.13	5.000	44.11	44.10	0.947	0.947	NO	1822	91.1	2.45	
198	1... 13C-PCB-138	3.63e5	1.28	NO	1.18	5.000	44.97	44.98	0.965	0.965	NO	1755	87.8	2.33	
199	1... 13C-PCB-159	4.61e5	1.30	NO	1.44	5.000	46.30	46.30	0.994	0.994	NO	1836	91.8	1.92	
200	2... 13C-PCB-167	4.40e5	1.30	NO	1.44	5.000	47.01	47.00	1.009	1.009	NO	1749	87.5	1.92	
201	2... 13C-PCB-156	4.27e5	1.31	NO	1.40	5.000	48.32	48.33	1.037	1.037	NO	1751	87.6	1.97	
202	2... 13C-PCB-157	4.38e5	1.27	NO	1.40	5.000	48.61	48.61	1.043	1.044	NO	1798	89.9	1.97	
203	2... 13C-PCB-169	3.98e5	1.24	NO	1.33	5.000	50.89	50.89	1.092	1.092	NO	1715	85.7	2.07	
204	2... 13C-PCB-188	3.13e5	0.45	NO	1.41	5.000	42.96	42.97	0.926	0.926	NO	1779	89.0	1.82	
205	2... 13C-PCB-180	2.09e5	0.48	NO	0.929	5.000	49.65	49.67	1.070	1.071	NO	1802	90.1	2.76	
206	2... 13C-PCB-170	1.75e5	0.46	NO	0.794	5.000	51.32	51.34	1.106	1.107	NO	1765	88.2	3.22	
207	2... 13C-PCB-189	2.38e5	0.47	NO	1.04	5.000	53.07	53.06	1.144	1.144	NO	1827	91.3	2.45	
208	2... 13C-PCB-202	2.26e5	0.91	NO	1.04	5.000	48.55	48.56	1.046	1.047	NO	1748	87.4	1.87	
209	2... 13C-PCB-194	2.88e5	0.89	NO	0.768	5.000	54.71	54.69	0.995	0.995	NO	1749	87.5	3.77	
210	2... 13C-PCB-208	3.69e5	0.78	NO	0.991	5.000	53.93	53.93	0.981	0.981	NO	1737	86.9	2.58	
211	2... 13C-PCB-206	2.65e5	0.82	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	2237	112	4.63	
212	2... 13C-PCB-209	2.36e5	1.20	NO	0.396	5.000	57.48	57.47	1.046	1.046	NO	2773	139	0.810	

Dataset: U:\VG11.PRO\Results\200613K2\200613K2-8.qld

Last Altered: Sunday, June 14, 2020 15:09:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 15:09:25 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	rv	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.26e6	1.58	NO	1.00	5.000	25.51	25.50	1.000	0.000	NO	2000	100	0.629	
214	2... 13C-PCB-31	9.94e5	1.06	NO	1.00	5.000	28.64	28.64	1.000	0.000	NO	2000	100	10.1	
215	2... 13C-PCB-60	6.67e5	0.80	NO	1.00	5.000	36.66	36.66	1.000	0.000	NO	2000	100	2.22	
216	2... 13C-PCB-111	3.94e5	1.59	NO	1.00	5.000	39.23	39.23	1.000	0.000	NO	2000	100	1.10	
217	2... 13C-PCB-128	3.49e5	1.27	NO	1.00	5.000	46.59	46.59	1.000	0.000	NO	2000	100	2.76	
218	2... 13C-PCB-182	2.50e5	0.47	NO	1.00	5.000	46.40	46.40	0.000	0.000	NO	2000	100	2.56	
219	2... 13C-PCB-205	4.29e5	0.93	NO	1.00	5.000	54.97	54.97	1.000	0.000	NO	2000	100	2.90	
220	2... 13C-PCB-79	6.30e5	0.80	NO	1.07	5.000	37.76	37.76	1.030	1.030	NO	1768	88.4	2.07	
221	2... 13C-PCB-178	2.28e5	0.45	NO	0.766	5.000	45.84	45.85	0.988	0.988	NO	1702	85.1	2.34	
222	2... 13C-PCB-79	6.30e5	0.80	NO	1.08	5.000	37.76	37.76	0.968	0.968	NO	1993	99.6	2.31	
223	2... 13C-PCB-178	2.27e5	0.45	NO	1.05	5.000	45.85	45.85	0.923	0.923	NO	2069	103	2.96	

Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

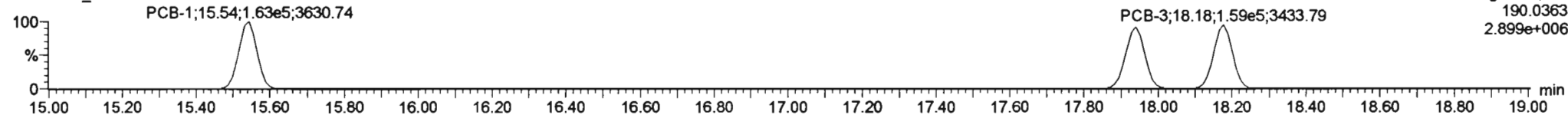
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-1**

200613K2\_8

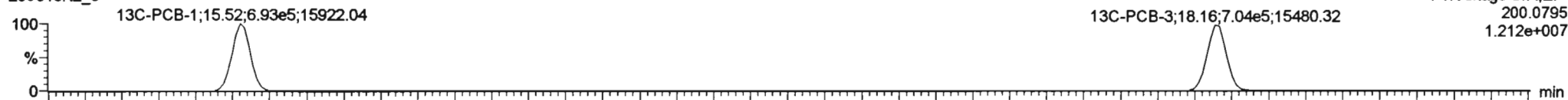


200613K2\_8

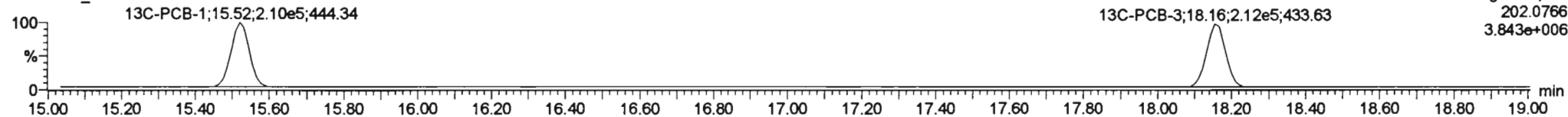


**13C-PCB-1**

200613K2\_8

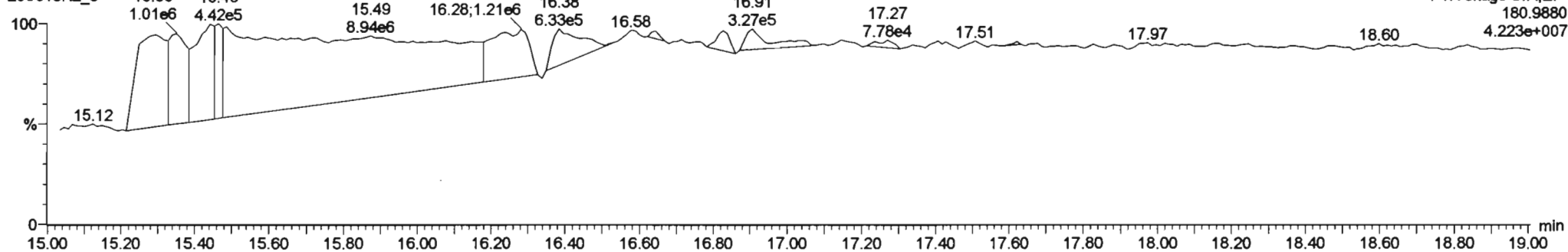


200613K2\_8



**PFK1**

200613K2\_8



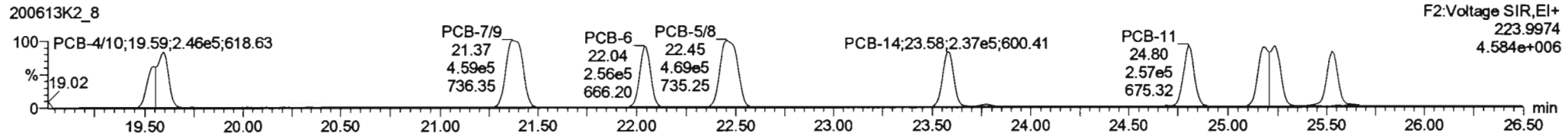
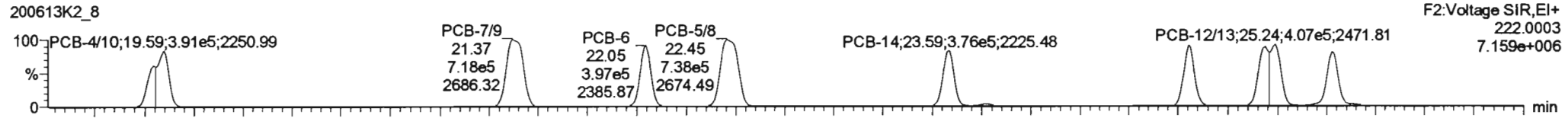


Dataset: Untitled

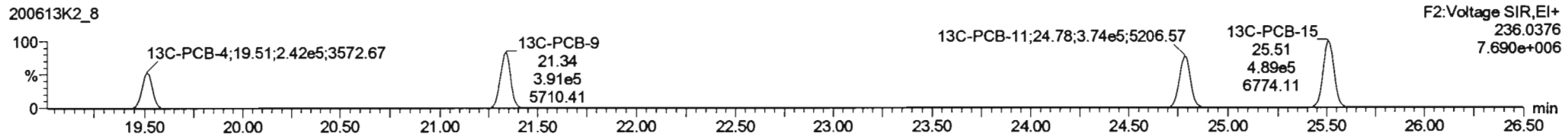
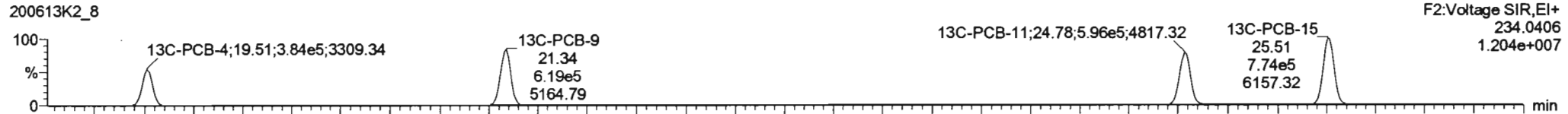
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

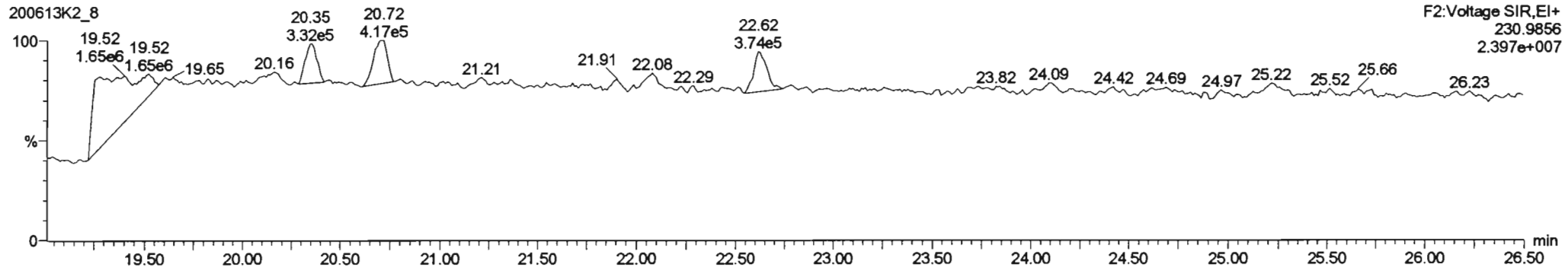
**PCB-4/10**

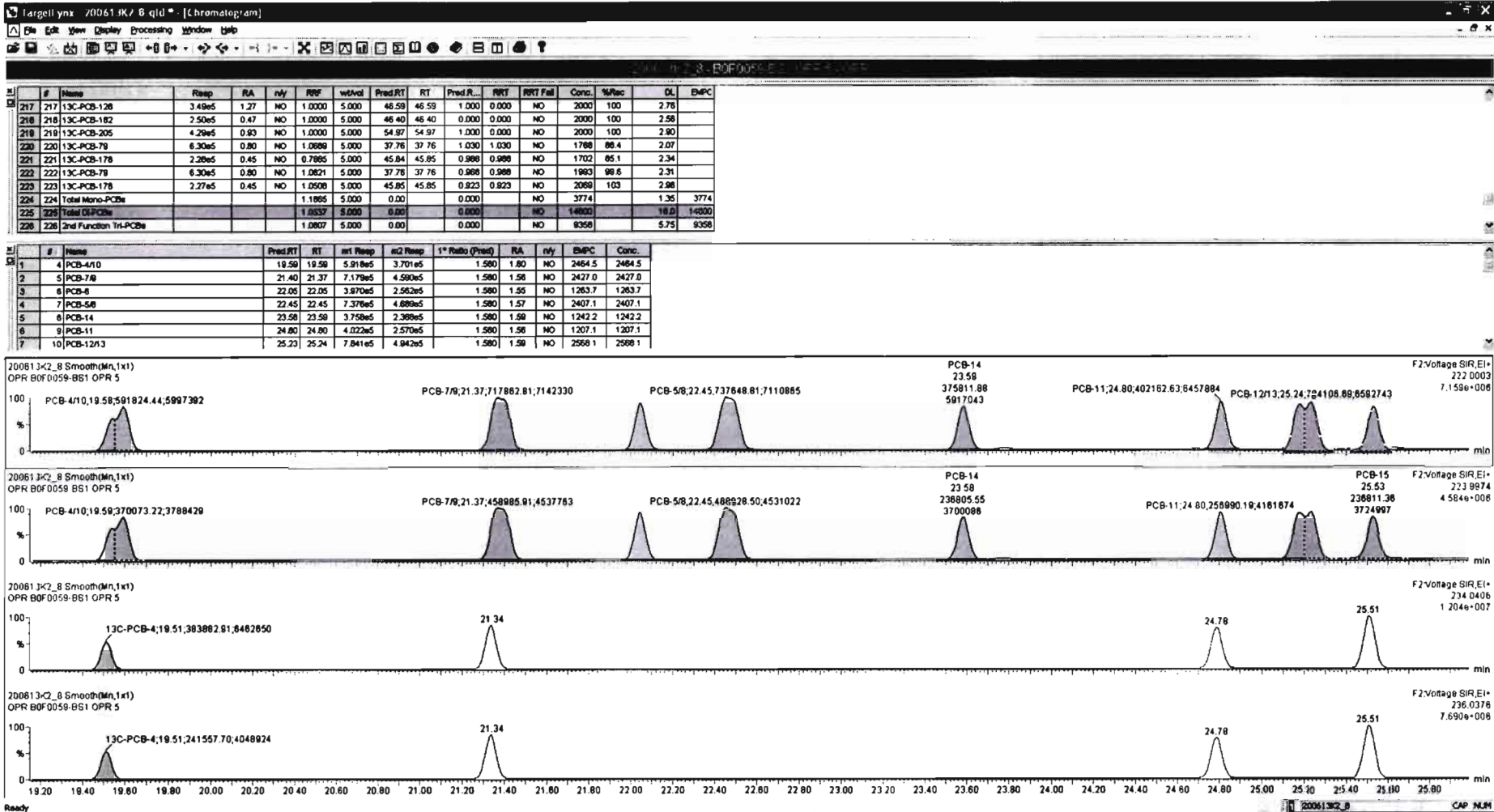


**13C-PCB-4**



**PFK2a**



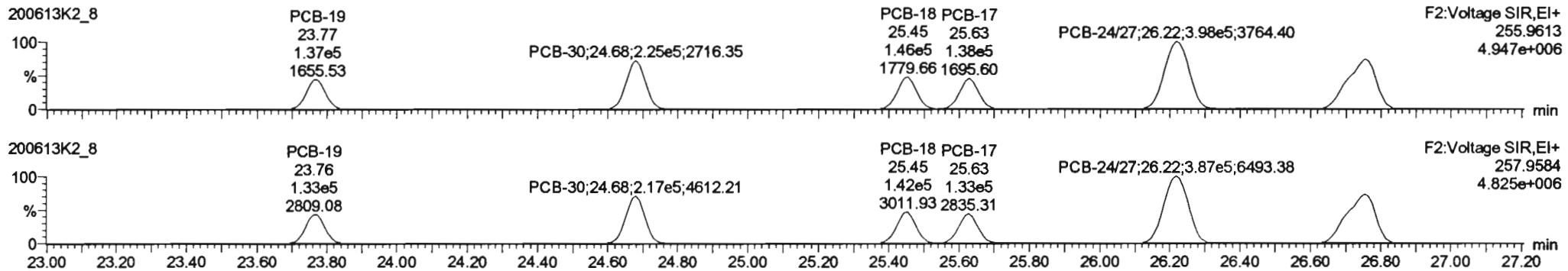


Dataset: Untitled

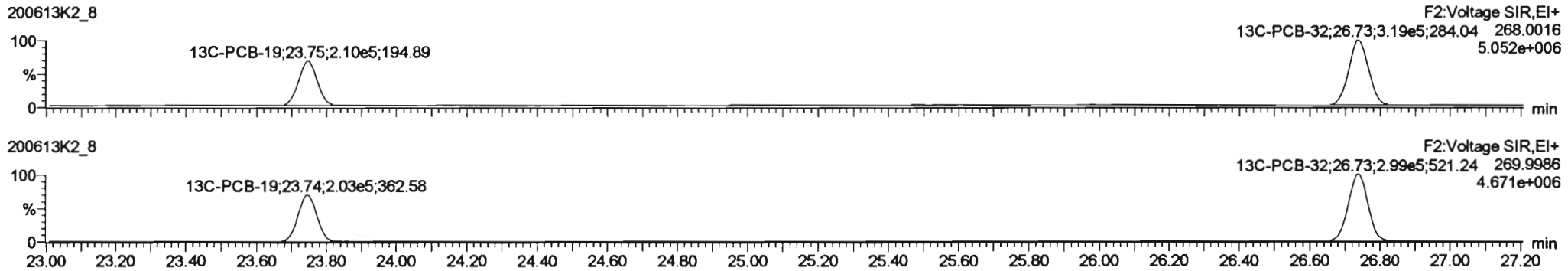
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

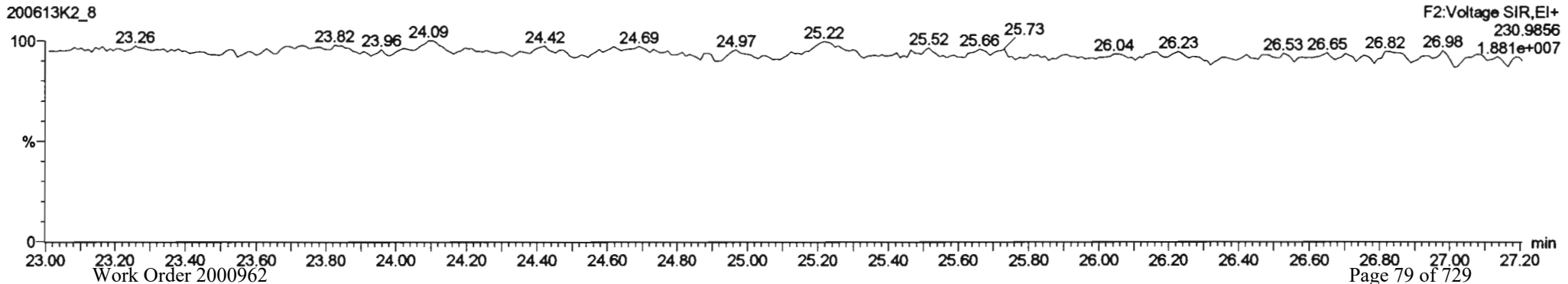
**PCB-19**



**13C-PCB-19**



**PFK2b**

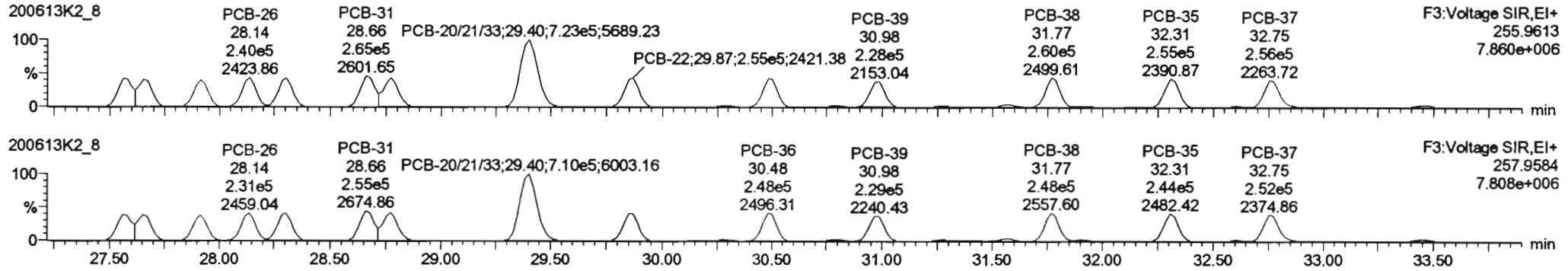


Dataset: Untitled

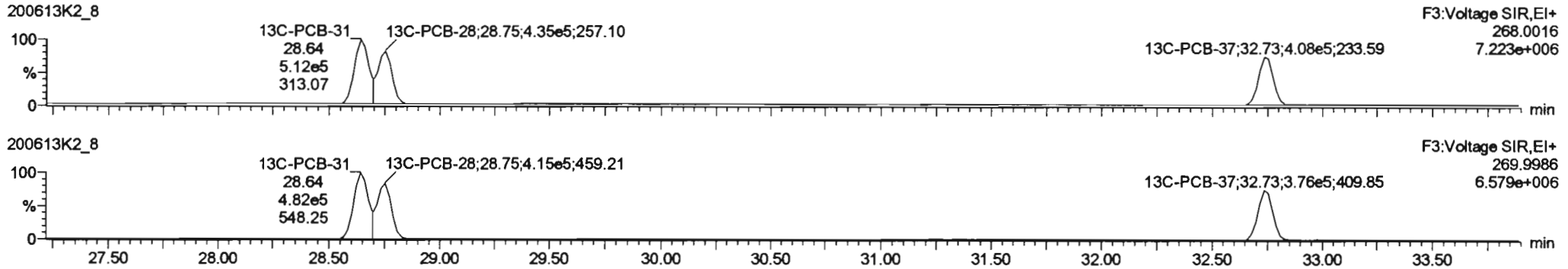
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

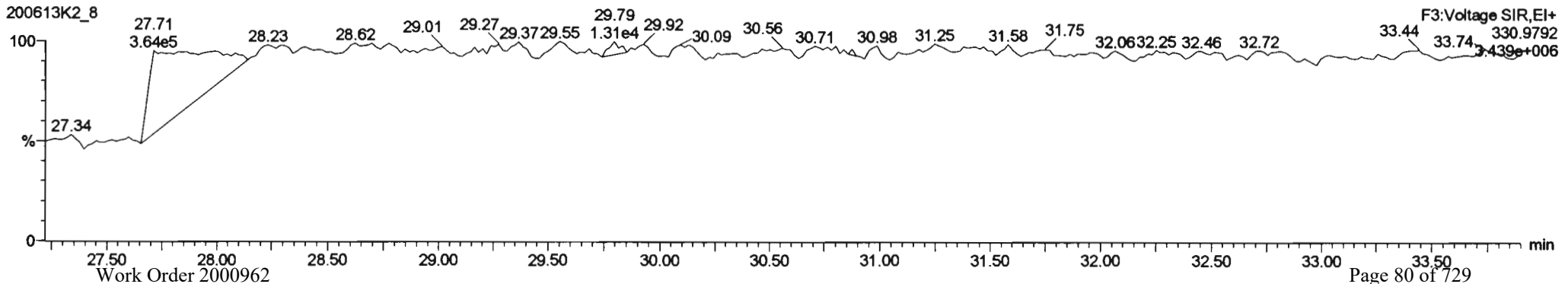
**PCB-34**



**13C-PCB-28**



**PFK3d**

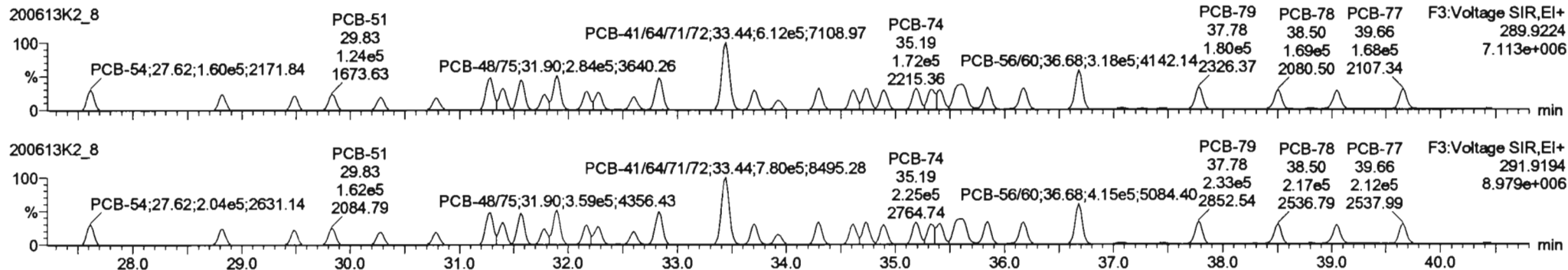


Dataset: Untitled

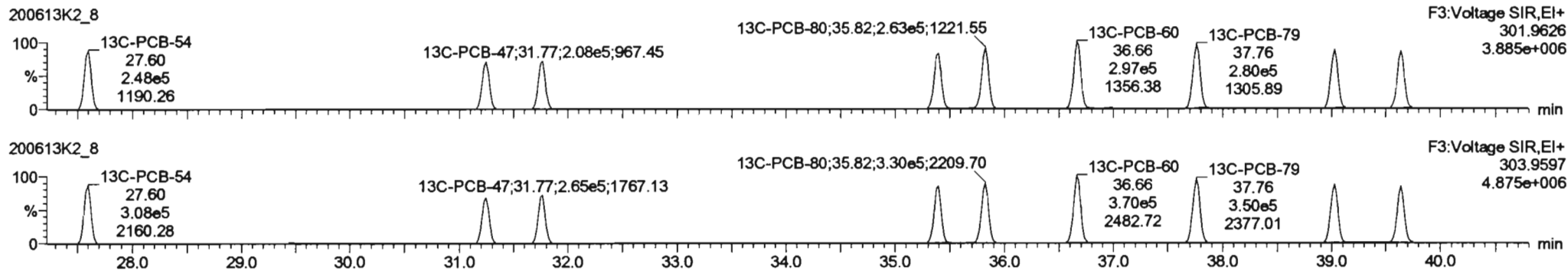
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

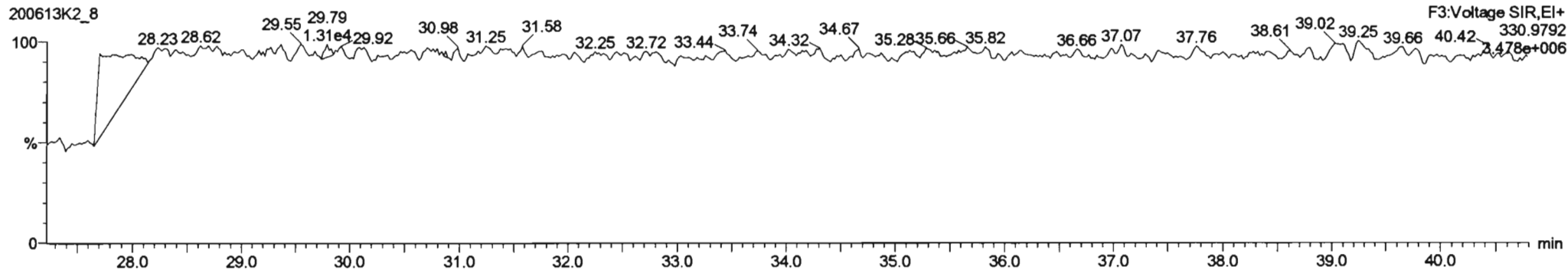
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

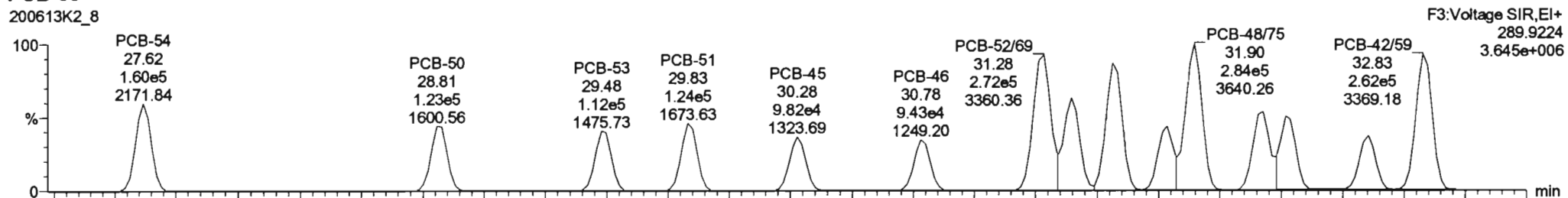
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

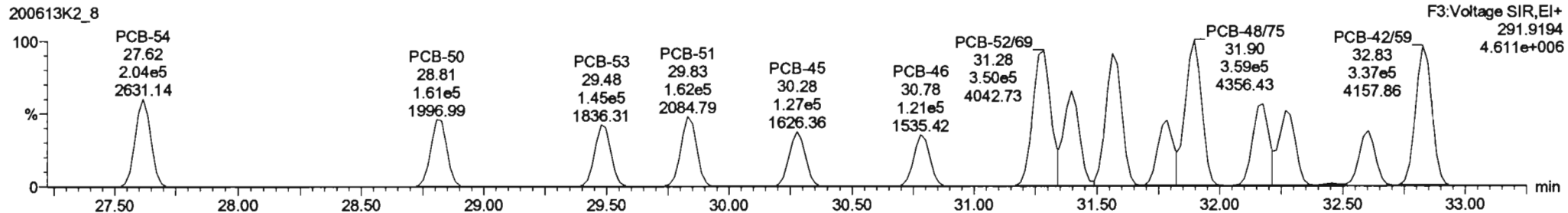
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-50**

200613K2\_8

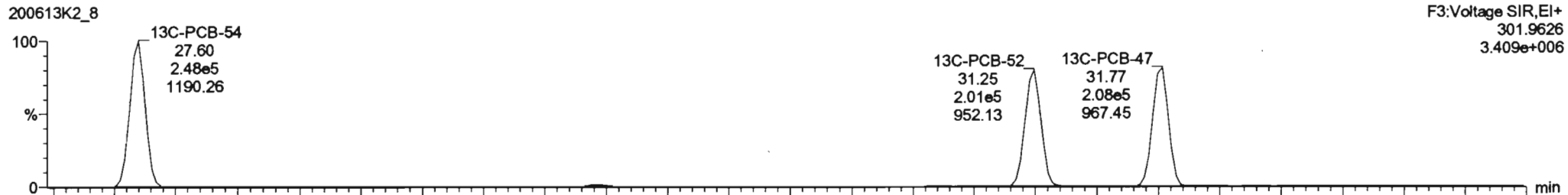


200613K2\_8

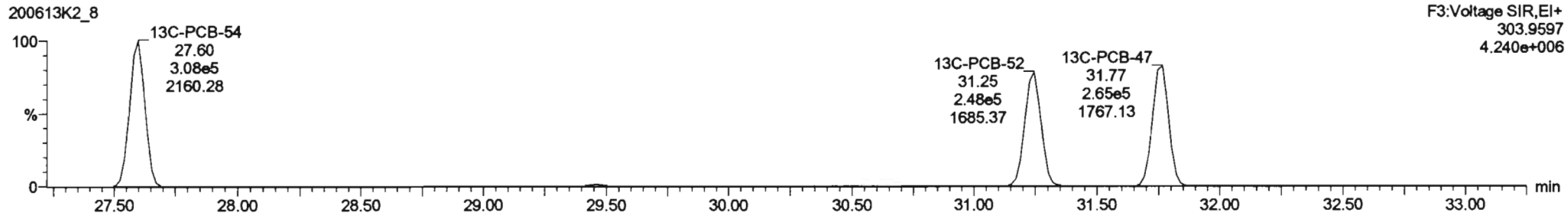


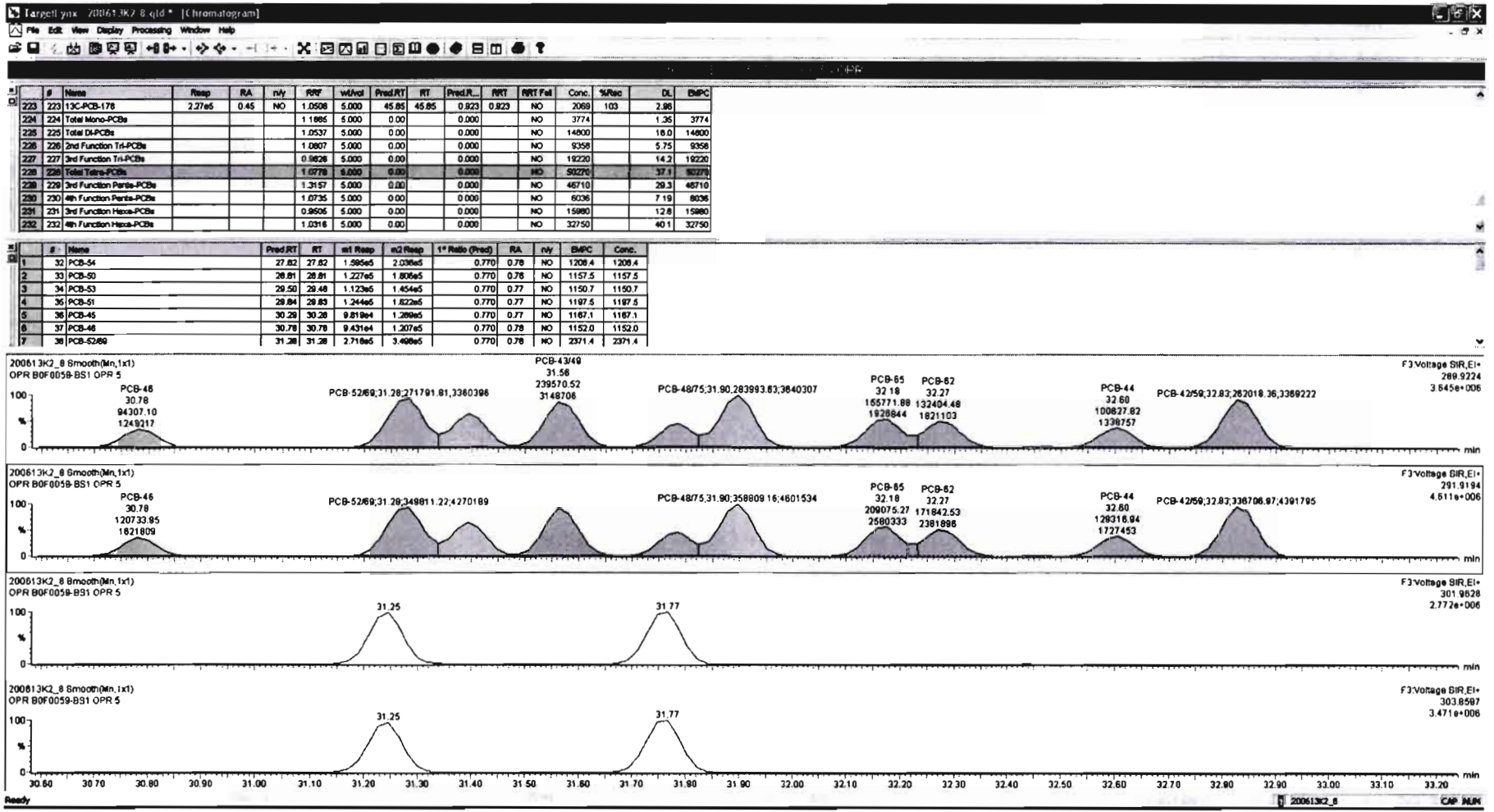
**13C-PCB-52**

200613K2\_8



200613K2\_8





Dataset: Untitled

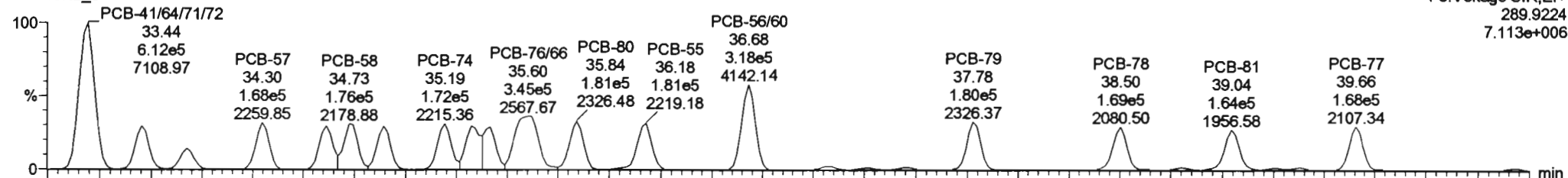
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

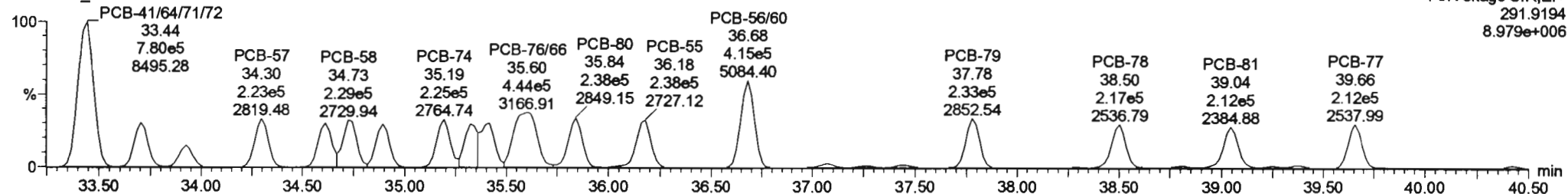
**PCB-68**

200613K2\_8



F3:Voltage SIR,EI+  
289.9224  
7.113e+006

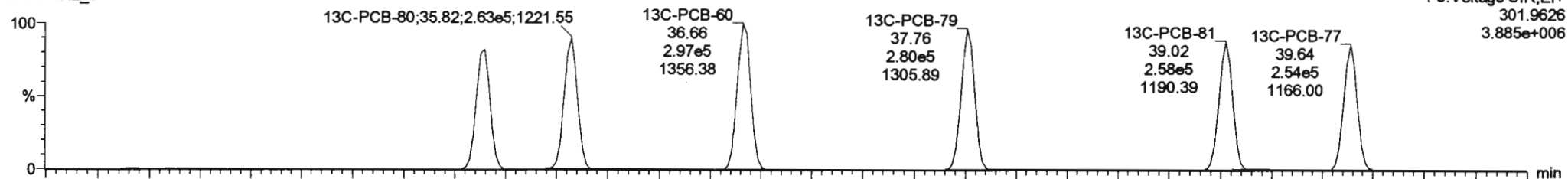
200613K2\_8



F3:Voltage SIR,EI+  
291.9194  
8.979e+006

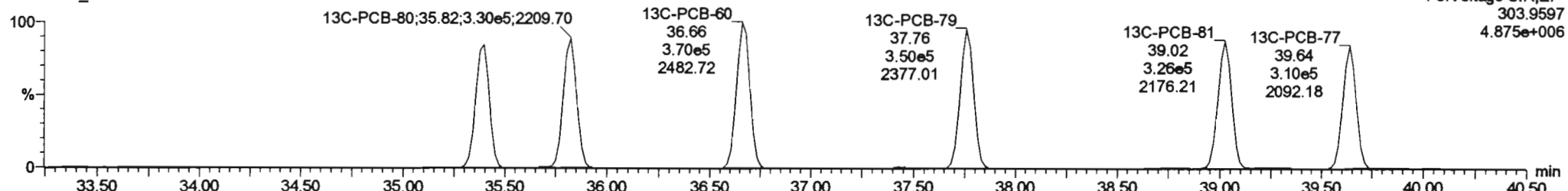
**13C-PCB-60**

200613K2\_8



F3:Voltage SIR,EI+  
301.9626  
3.885e+006

200613K2\_8

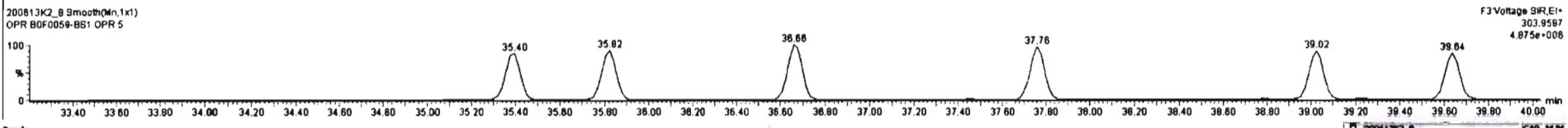
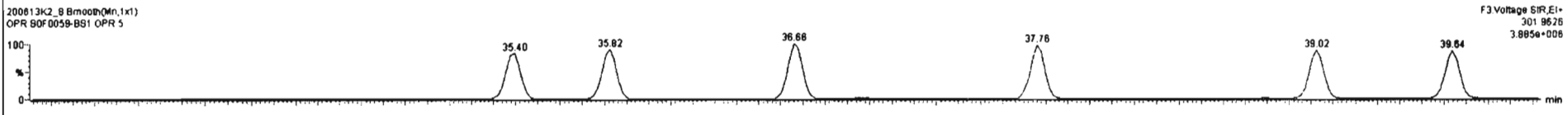
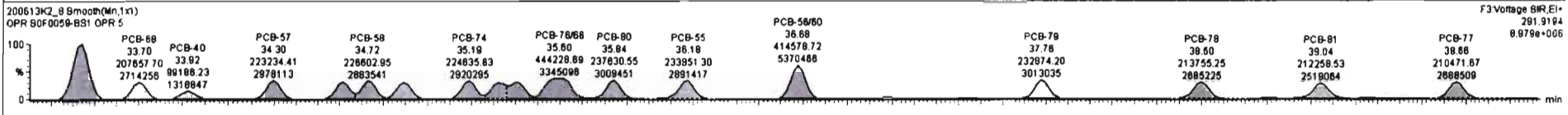
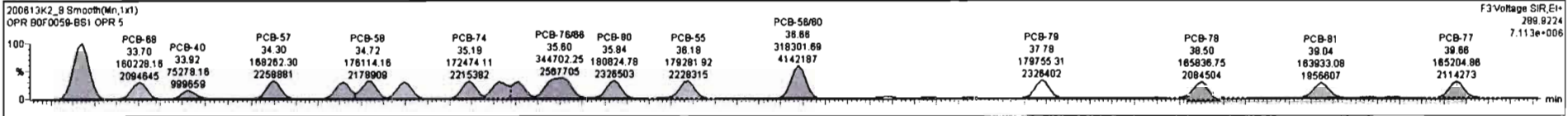


F3:Voltage SIR,EI+  
303.9597  
4.875e+006



#	Name	Resp	RA	n/y	RRF	wtAnd	Pred.RT	RT	Pred.R.	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
223	1,3C-PCB-178	2.27e5	0.45	NO	1.0508	5.000	45.85	45.85	0.923	0.923	NO	2088	103	2.96	
224	Total Mono-PCBs				1.1885	5.000	0.000		0.000		NO	3774		1.35	3774
225	Total Di-PCBs				1.0537	5.000	0.000		0.000		NO	14800		18.0	14800
226	2nd Function Tri-PCBs				1.0807	5.000	0.000		0.000		NO	9358		5.75	9358
227	3rd Function Tri-PCBs				0.9828	5.000	0.000		0.000		NO	18220		14.2	18220
228	Total Tetra-PCBs				1.6778	5.000	0.000		0.000		NO	60270		37.1	60270
229	3rd Function Penta-PCBs				1.3157	5.000	0.000		0.000		NO	46710		29.3	46710
230	4th Function Penta-PCBs				1.0735	5.000	0.000		0.000		NO	6036		7.19	6036
231	3rd Function Hexa-PCBs				0.9505	5.000	0.000		0.000		NO	15980		12.8	15980
232	4th Function Hexa-PCBs				1.0316	5.000	0.000		0.000		NO	32750		40.1	32750

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 <sup>st</sup> Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.62	27.62	1.595e5	2.038e5	0.770	0.78	NO	1208.4	1208.4
2	33 PCB-50	28.81	28.81	1.227e5	1.808e5	0.770	0.76	NO	1157.5	1157.5
3	34 PCB-53	29.50	29.48	1.123e5	1.454e5	0.770	0.77	NO	1150.7	1150.7
4	35 PCB-51	29.84	29.83	1.244e5	1.822e5	0.770	0.77	NO	1197.5	1197.5
5	36 PCB-45	30.29	30.28	9.819e4	1.268e5	0.770	0.77	NO	1167.1	1167.1
6	37 PCB-46	30.78	30.78	9.431e4	1.207e5	0.770	0.78	NO	1152.0	1152.0
7	38 PCB-52/89	31.28	31.28	2.718e5	3.498e5	0.770	0.78	NO	2371.4	2371.4

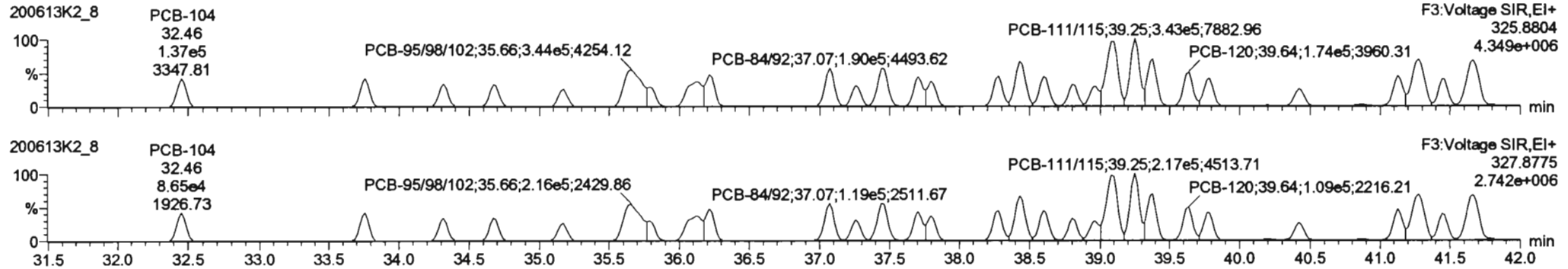


Dataset: Untitled

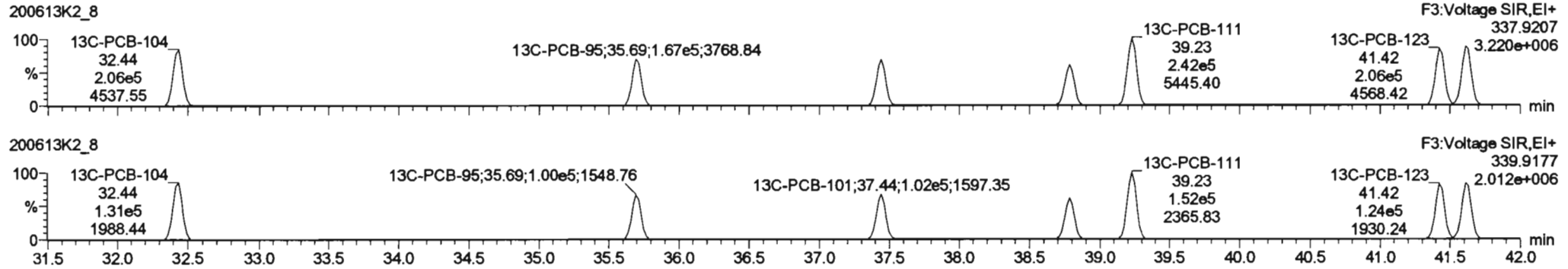
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

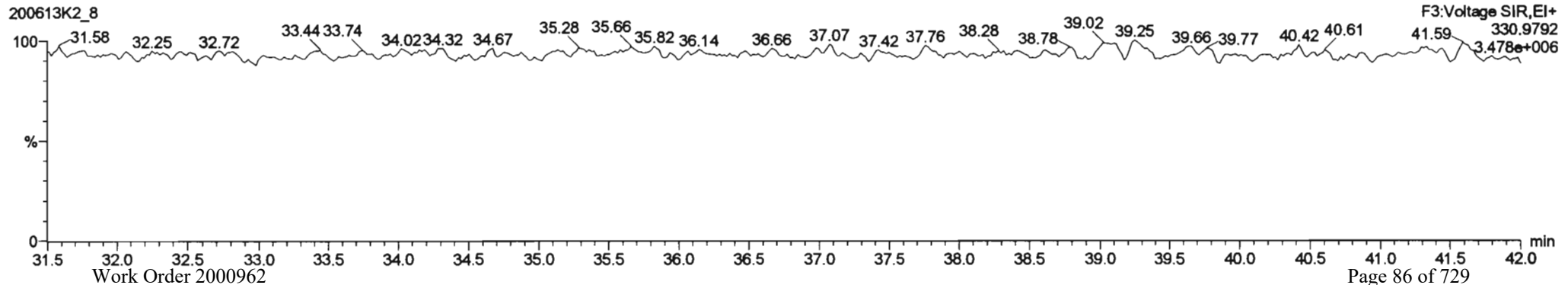
**PCB-104**



**13C-PCB-104**



**PFK3b**



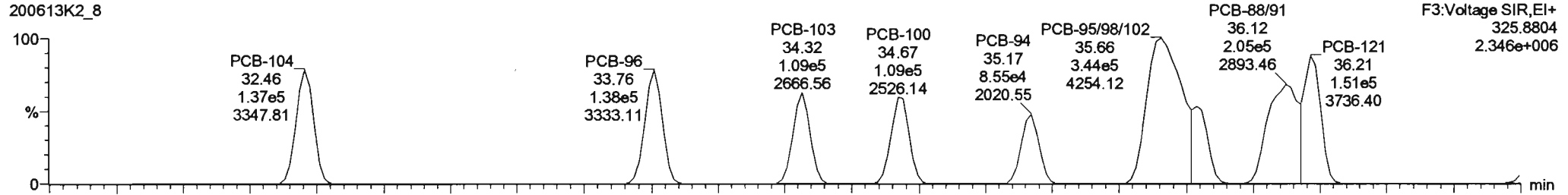
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

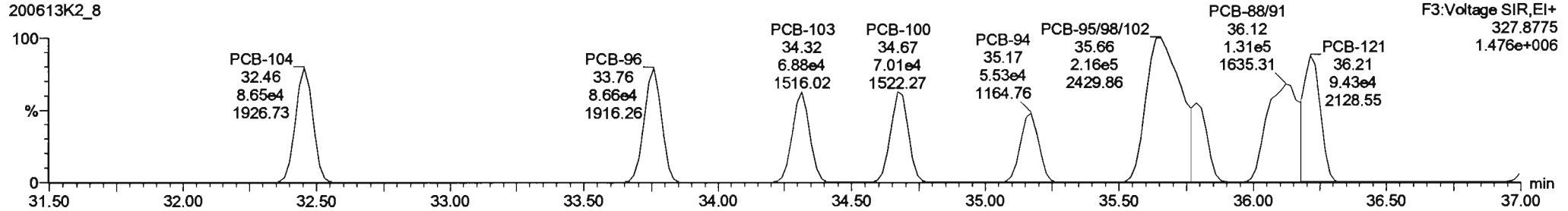
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-96**

200613K2\_8

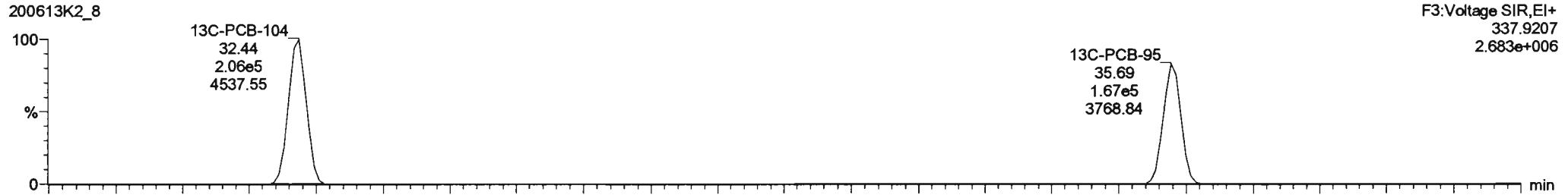


200613K2\_8

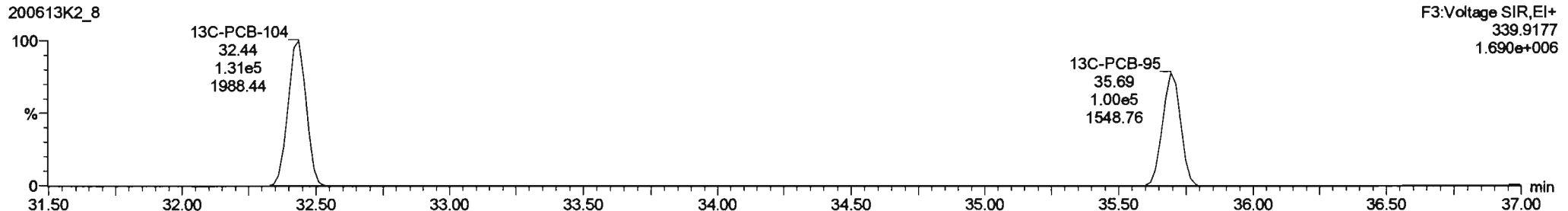


**13C-PCB-95**

200613K2\_8



200613K2\_8



Dataset: Untitled

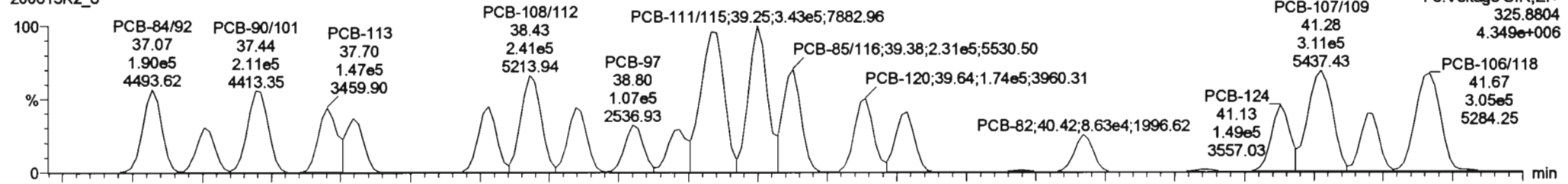
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

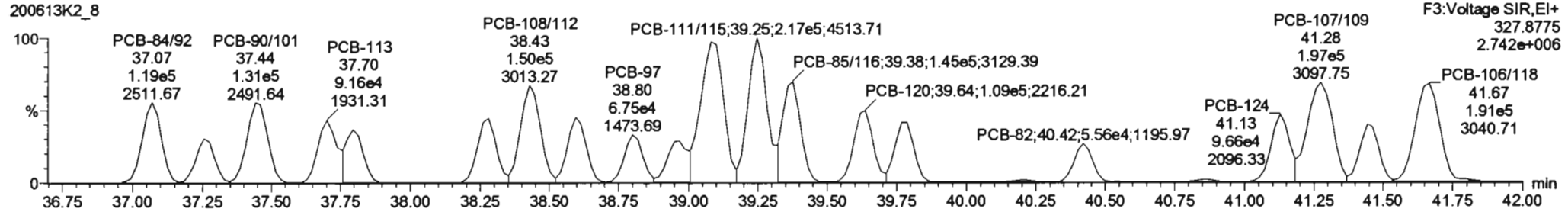
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-119**

200613K2\_8

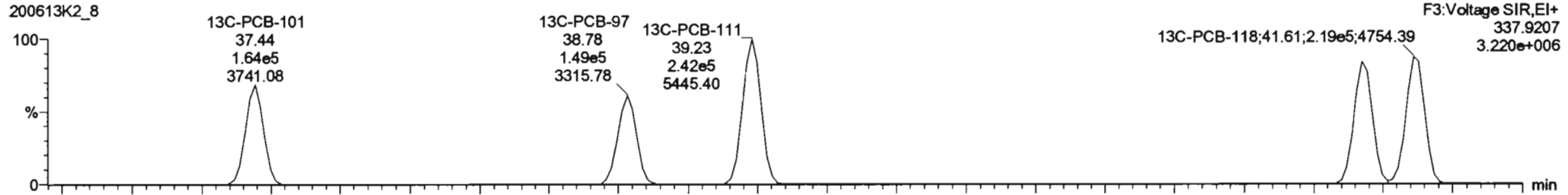


200613K2\_8

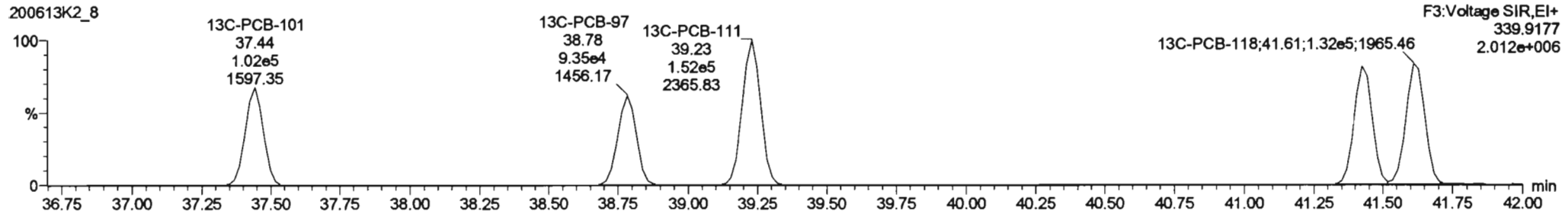


**13C-PCB-111**

200613K2\_8

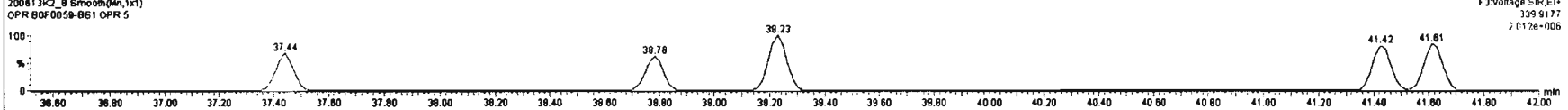
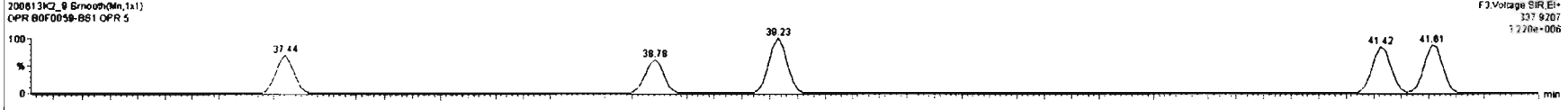
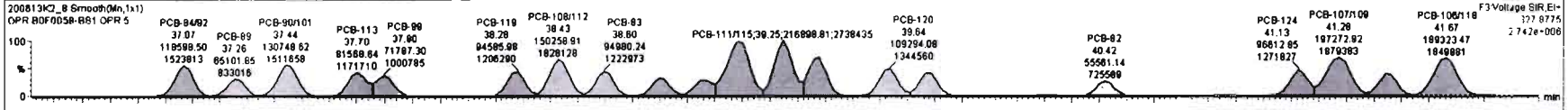


200613K2\_8



#	Name	Resp	RA	n/y	RF	wtVol	PredRT	RT	PredR...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
223	223 13C-PCB-178	2.27e5	0.45	NO	1.0508	5.000	45.85	45.85	0.823	0.823	NO	2089	103	2.96	
224	224 Total Mono-PCBs				1.1885	5.000	0.00		0.000		NO	3774		1.35	3774
225	225 Total Di-PCBs				1.0537	5.000	0.00		0.000		NO	14800		18.0	14800
226	226 2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO	8358		5.75	8358
227	227 3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO	18220		14.2	18220
228	228 Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	50270		37.1	50270
229	229 3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	4880		29.3	4880
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	8339		7.19	8339
231	231 3rd Function Hexa-PCBs				0.8505	5.000	0.00		0.000		NO	15880		12.8	15880
232	232 4th Function Hexa-PCBs				1.0318	5.000	0.00		0.000		NO	32750		40.1	32750

#	Name	PredRT	RT	sd Resp	sd2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	54 PCB-104	32.48	32.48	1.374e5	8.852e4	1.580	1.58	NO	1185.3	1185.3
2	85 PCB-88	33.78	33.78	1.379e5	8.867e4	1.580	1.58	NO	1155.5	1155.5
3	86 PCB-103	34.34	34.32	1.091e5	8.880e4	1.580	1.58	NO	1128.1	1128.1
4	67 PCB-100	34.80	34.87	1.089e5	7.007e4	1.580	1.55	NO	1112.7	1112.7
5	88 PCB-84	35.18	35.17	9.548e4	5.531e4	1.580	1.55	NO	1107.9	1107.9
6	89 PCB-85/86/02	35.85	35.88	3.438e5	2.158e5	1.580	1.58	NO	3488.9	3488.9
7	70 PCB-83	35.77	35.78	8.215e4	5.207e4	1.580	1.80	NO	1079.8	1079.8

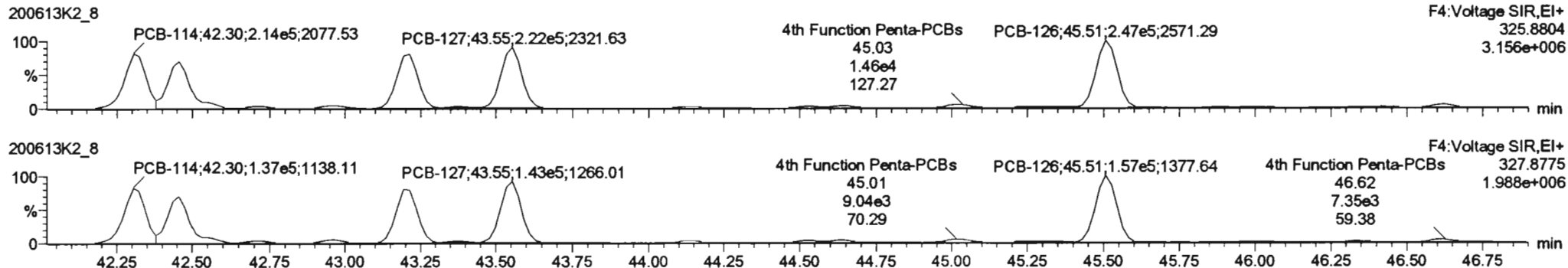


Dataset: Untitled

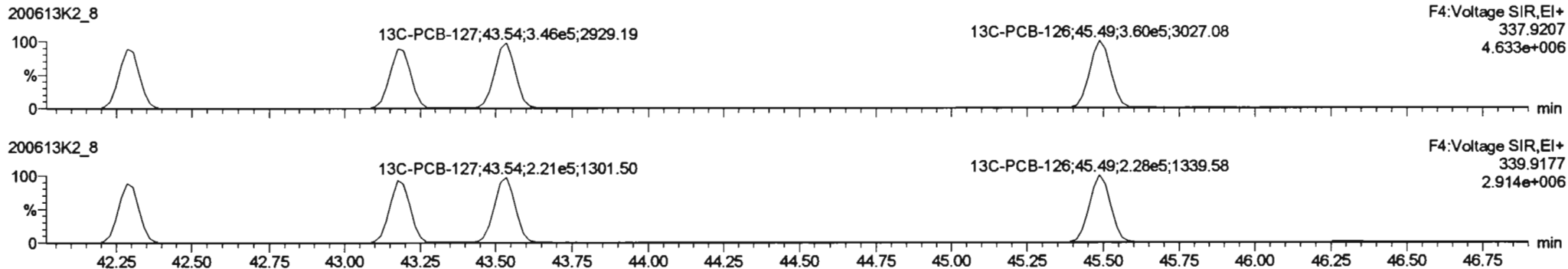
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

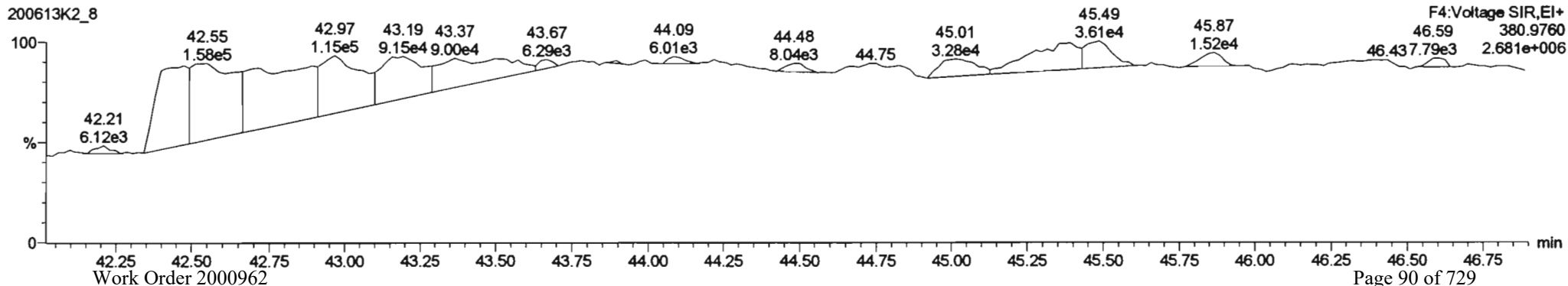
**PCB-114**

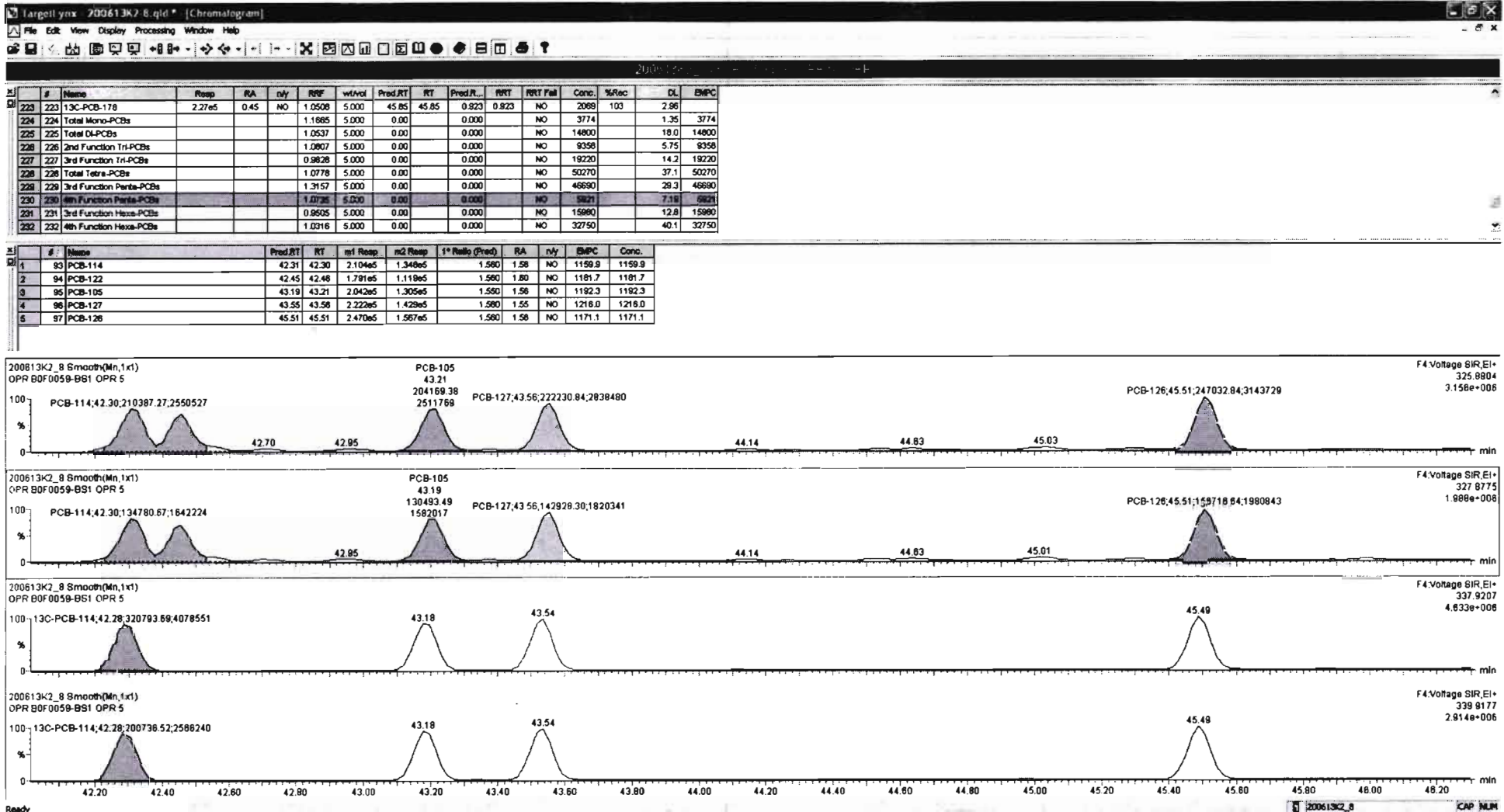


**13C-PCB-114**



**PFK4a**







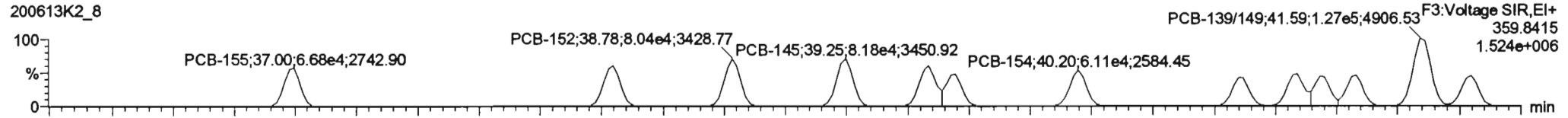
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

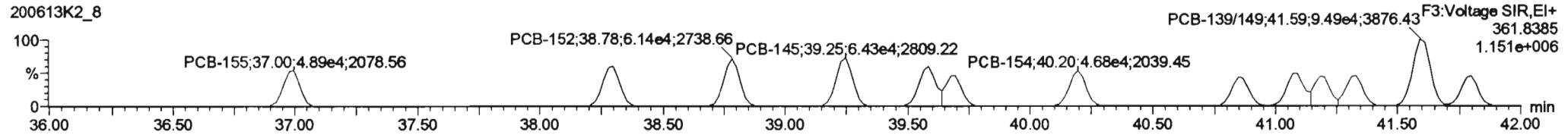
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-155**

200613K2\_8

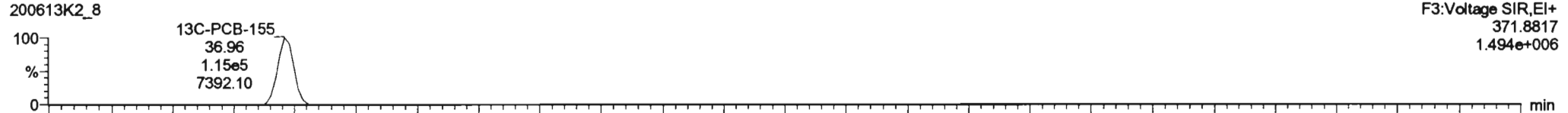


200613K2\_8

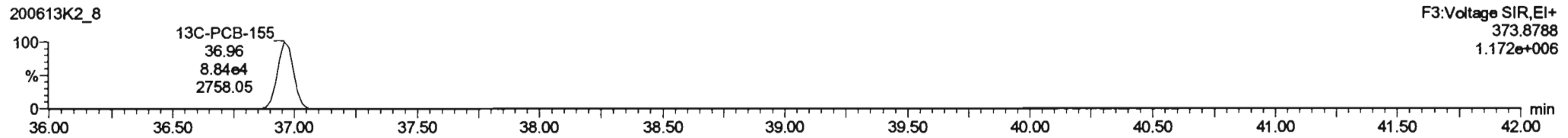


**13C-PCB-155**

200613K2\_8

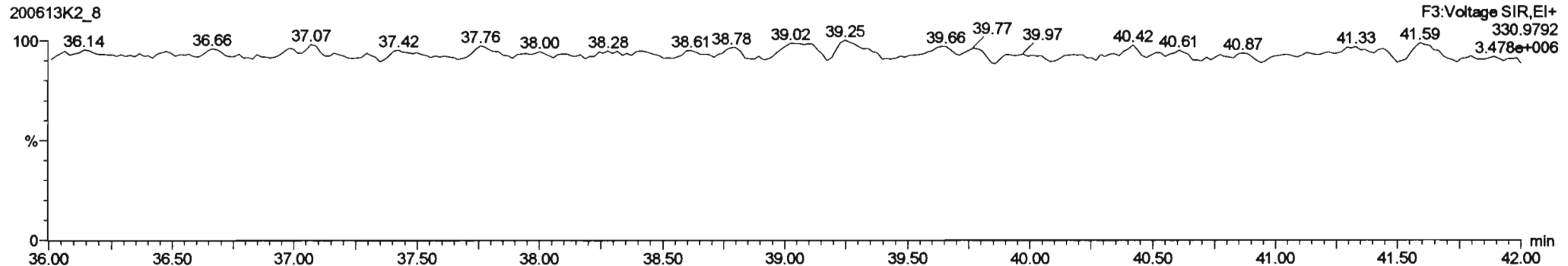


200613K2\_8



**PFK3c**

200613K2\_8



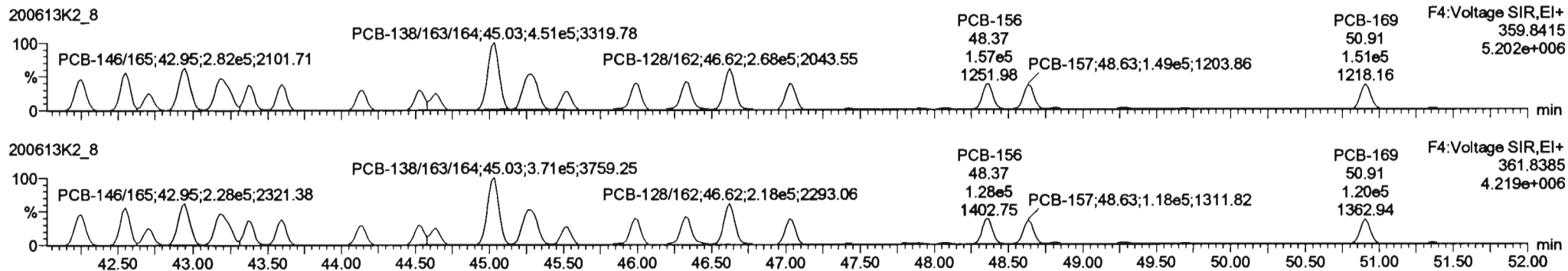


Dataset: Untitled

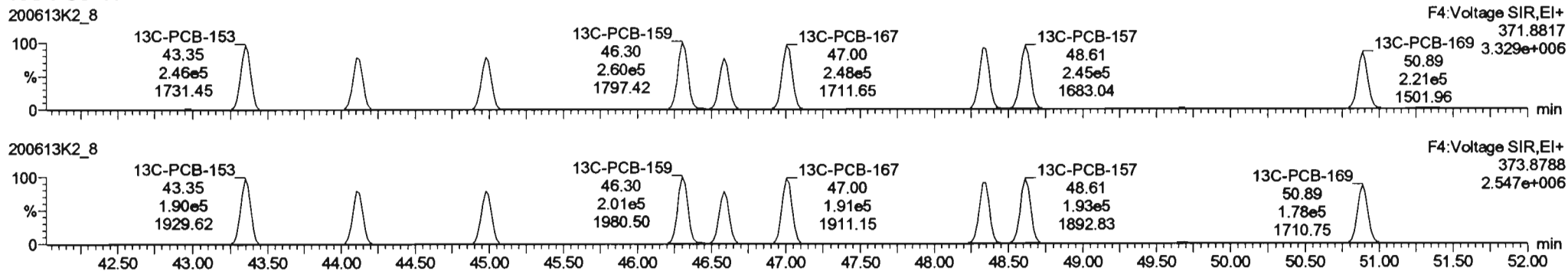
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

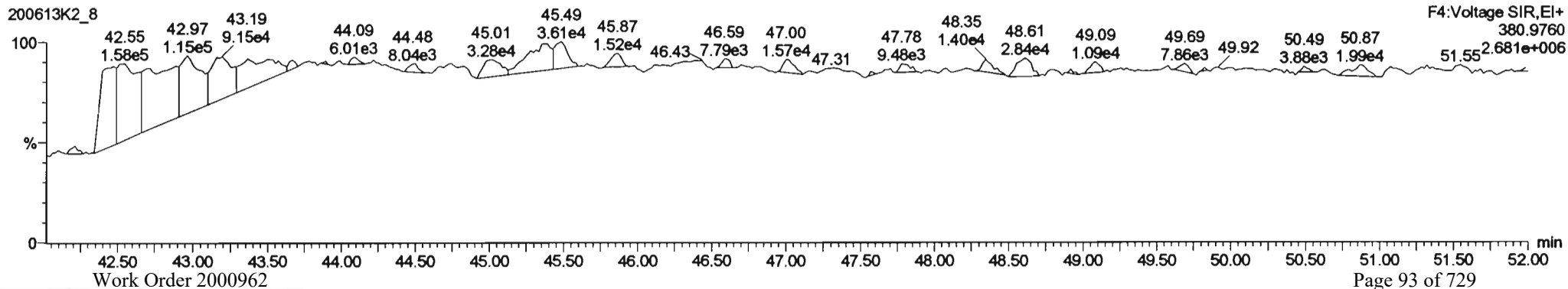
**PCB-134/143**

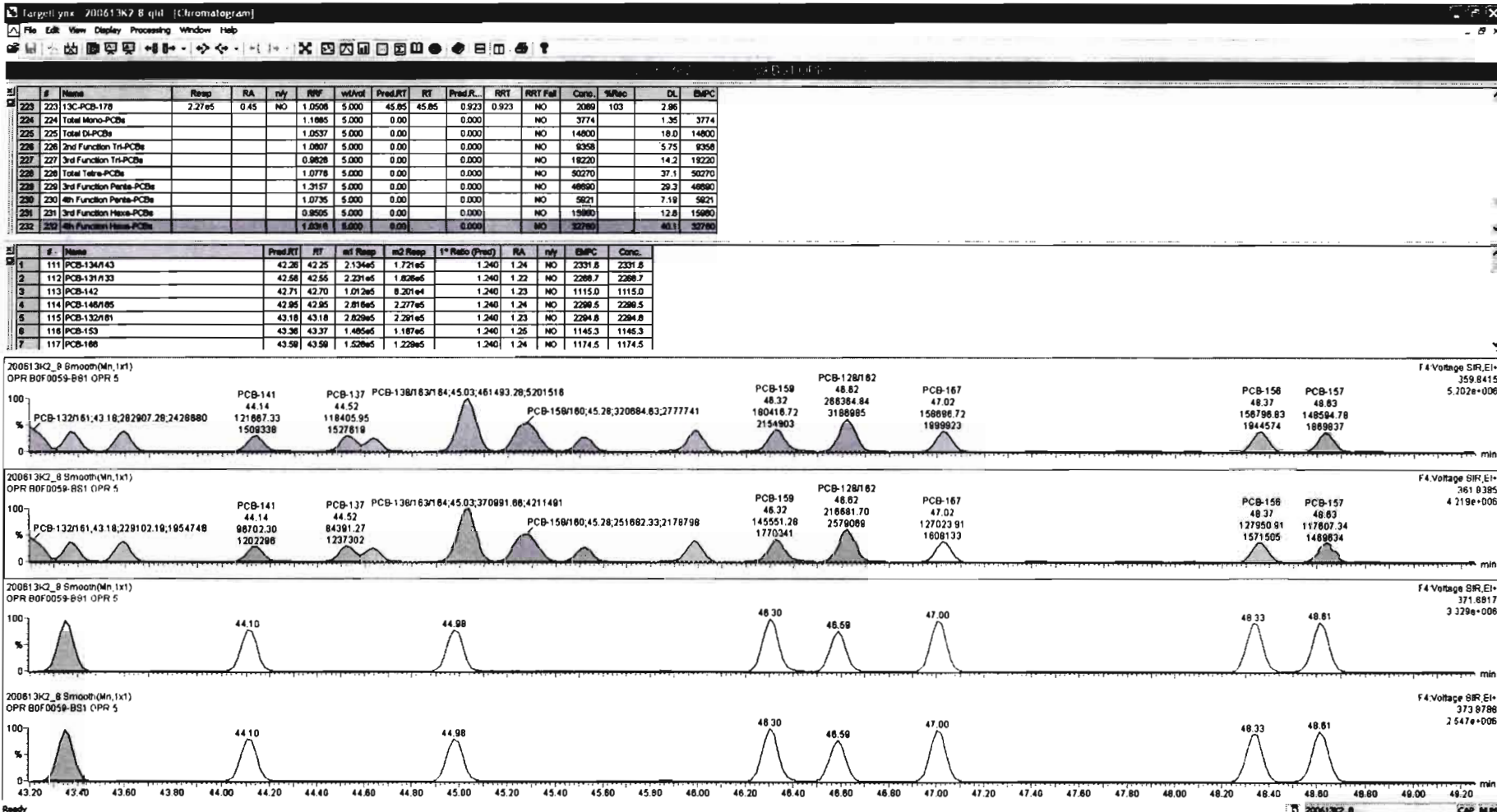


**13C-PCB-153**



**PFK4b**





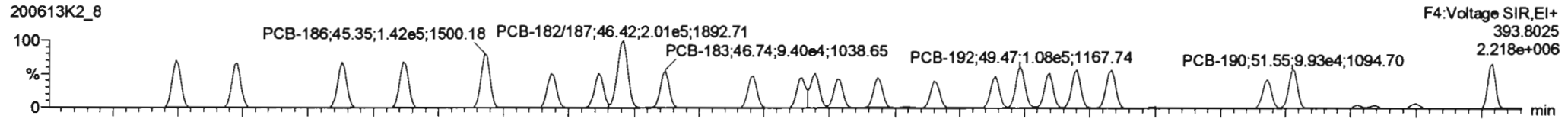
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

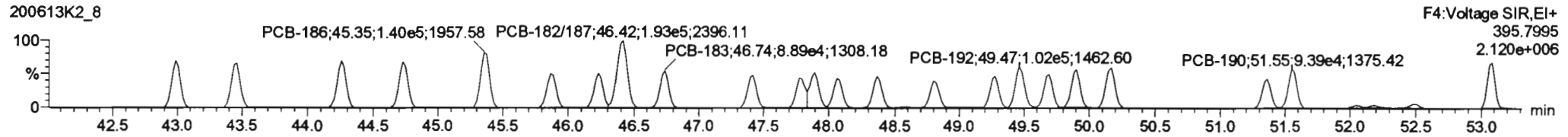
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-188**

200613K2\_8

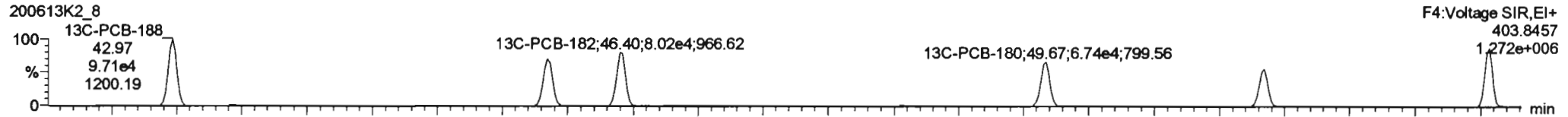


200613K2\_8

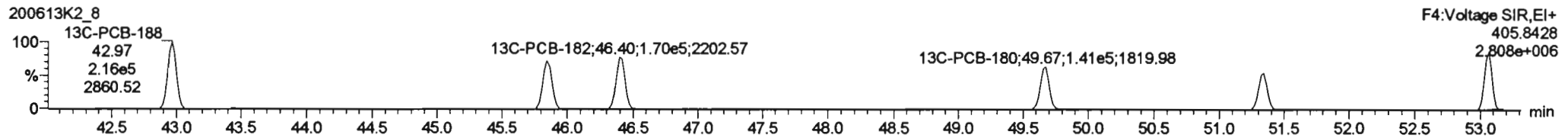


**13C-PCB-188**

200613K2\_8

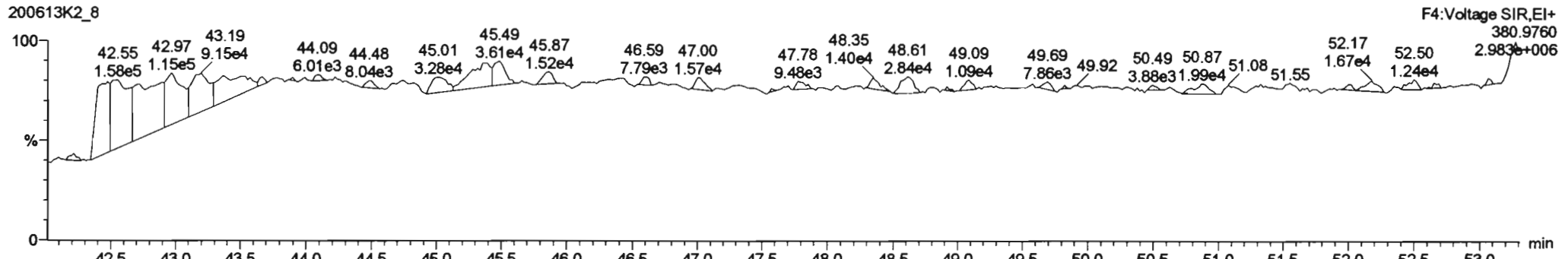


200613K2\_8



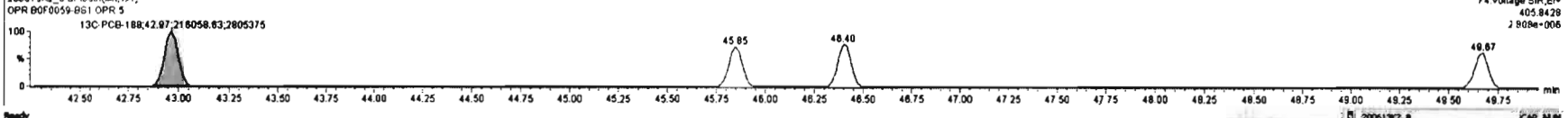
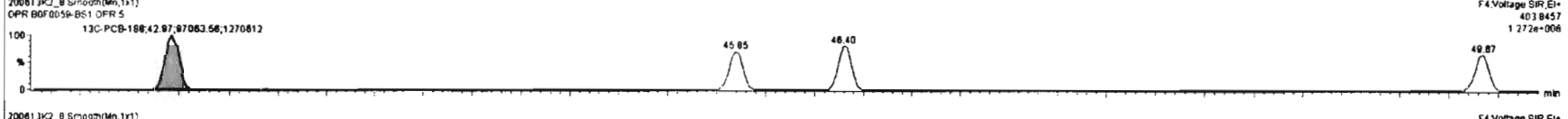
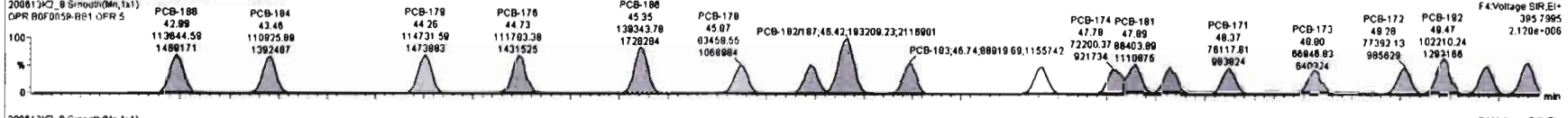
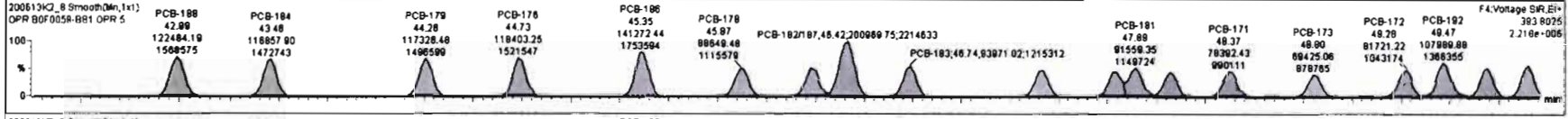
**PFK4c**

200613K2\_8



#	Name	Resp	RA	n/y	R/R	WtAvt	Prod RT	RT	Prod Rt	RRT	RRT Fat	Conc.	%Rec	DL	BMPc
232	232 4th Function Hexa-PCBs				1.0316	5.000	0.00	0.000	0.000		NO	32780		40.1	32780
233	233 Total Hepta-PCBs				1.3881	5.000	0.00	0.000	0.000		NO	27540		40.0	27540
234	234 4th Function Octa-PCBs				1.0009	5.000	0.00	0.000	0.000		NO	10070		10.4	10070
235	235 5th Function Octa-PCBs				1.1480	5.000	0.00	0.000	0.000		NO	3458		7.12	3458
236	236 Total Nona-PCBs				0.8523	5.000	0.00	0.000	0.000		NO	3362		8.37	3362
237	237 Deca-CB				0.8884	5.000	0.00	0.000	0.000		NO	1147		0.229	1147
238	238 Total PCBs														
239	239 Total Mono-actopes														
240	240 Total Di-actopes														
241	241 2nd Function Tri-actopes														

#	Name	Prod RT	RT	act Resp	int2 Resp	I* Ratio (Prod)	RA	n/y	BMPc	Conc.
1	131 PCB-188	43.01	42.88	1.225e5	1.138e5	1.050	1.08	NO	1188.5	1188.5
2	132 PCB-184	43.44	43.48	1.188e5	1.108e5	1.060	1.05	NO	1181.3	1181.3
3	133 PCB-178	44.28	44.26	1.173e5	1.147e5	1.060	1.02	NO	1141.9	1141.9
4	134 PCB-176	44.72	44.73	1.164e5	1.118e5	1.050	1.08	NO	1123.5	1123.5
5	135 PCB-186	45.35	45.25	1.413e5	1.383e5	1.020	1.01	NO	1348.6	1348.6
6	136 PCB-178	45.87	45.87	8.285e4	8.348e4	1.050	1.08	NO	1185.5	1185.5
7	137 PCB-175	48.22	48.23	8.750e4	8.286e4	1.050	1.05	NO	1138.5	1138.5

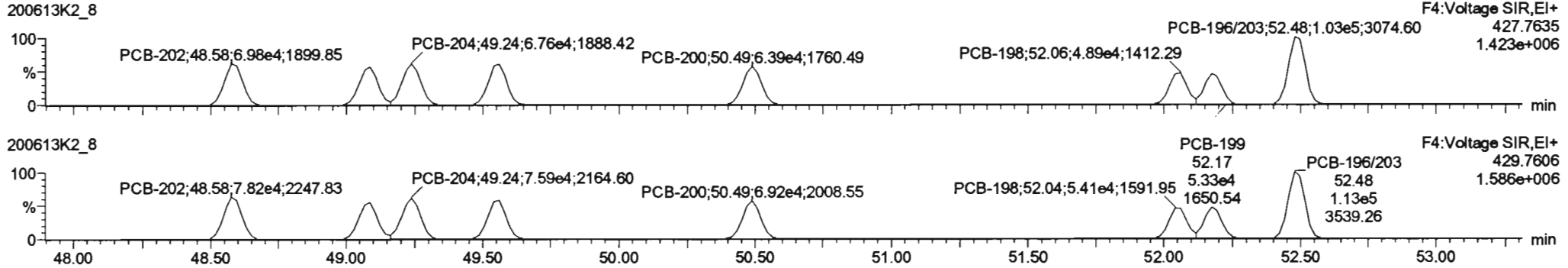


Dataset: Untitled

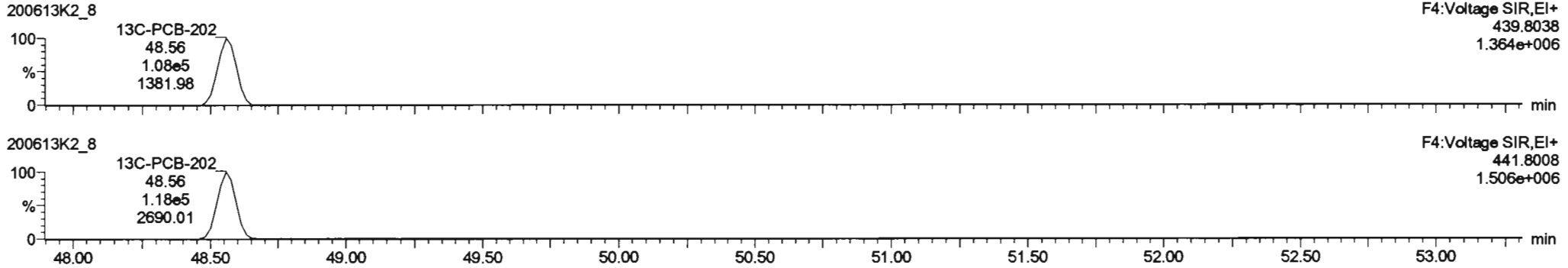
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

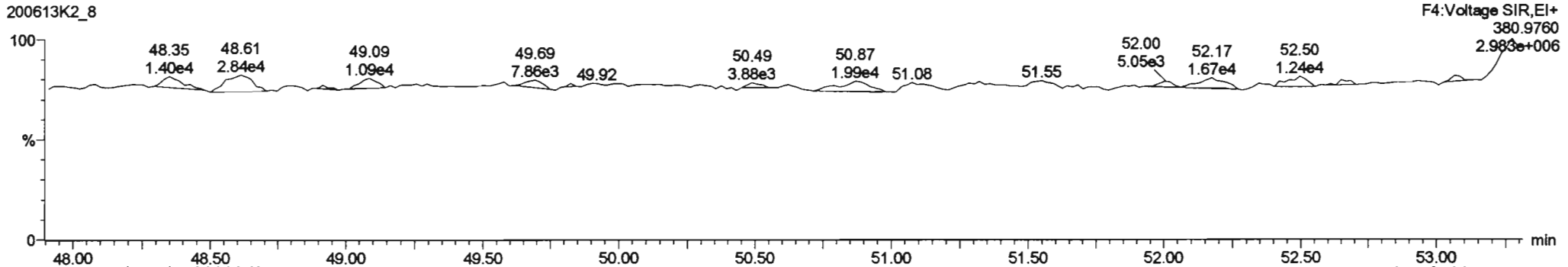
**PCB-202**



**13C-PCB-202**



**PFK4d**

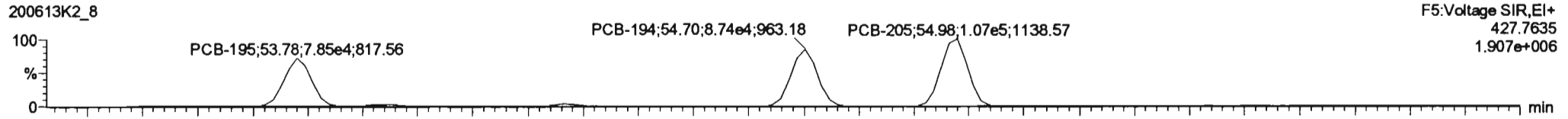


Dataset: Untitled

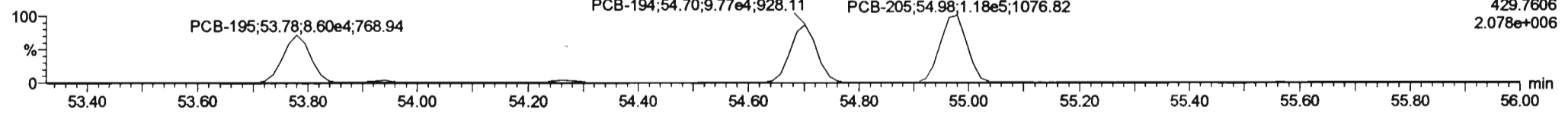
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

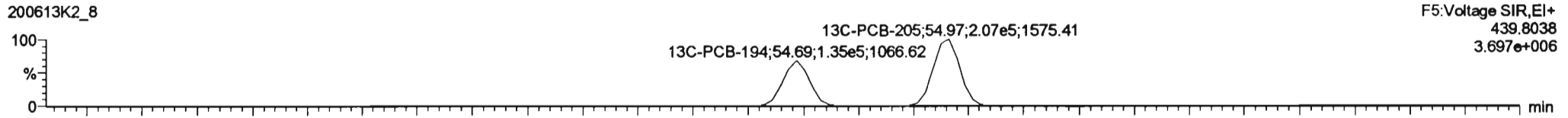
**PCB-195**



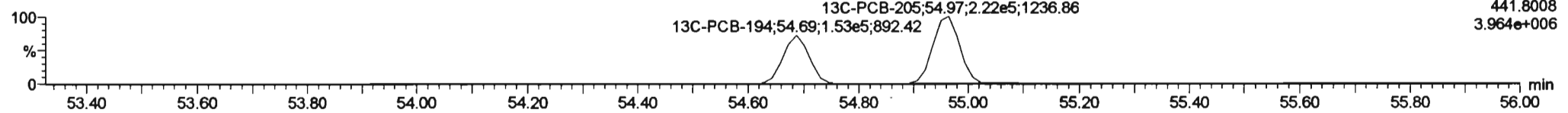
**PCB-195**



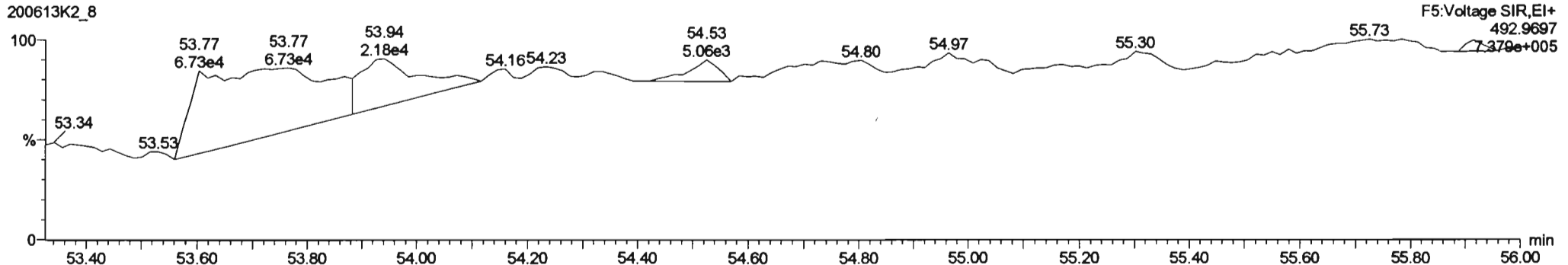
**13C-PCB-194**



**13C-PCB-194**



**PFK5a**

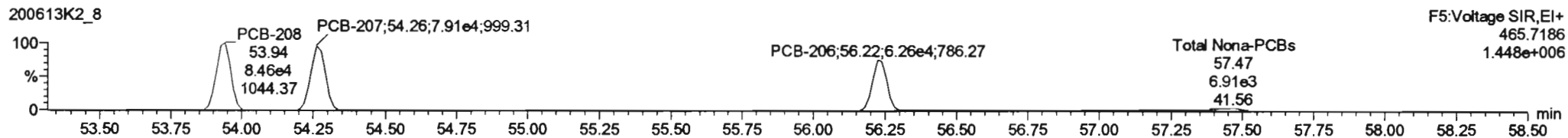
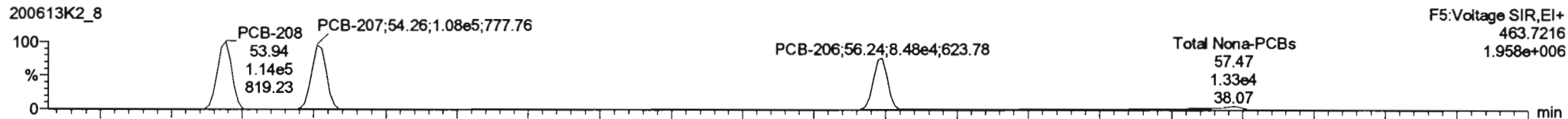


Dataset: Untitled

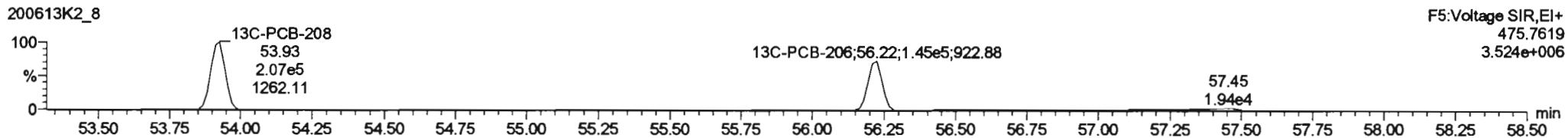
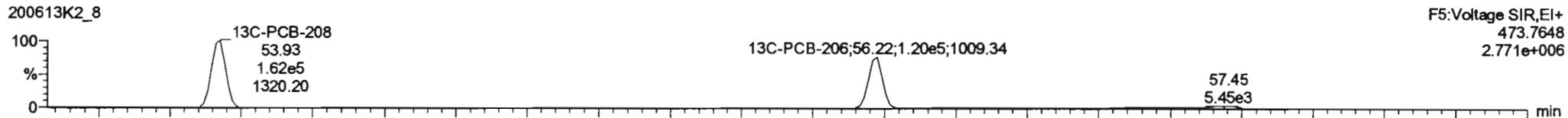
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

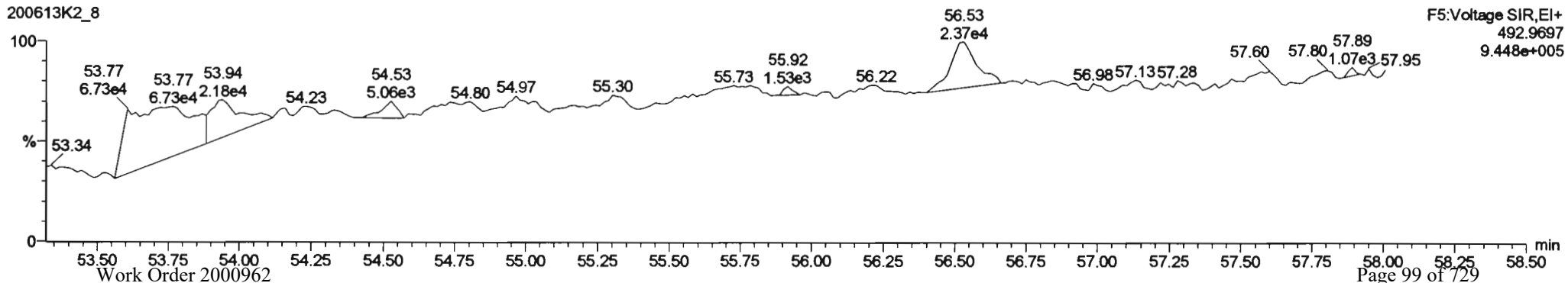
**PCB-208**



**13C-PCB-208**



**PFK5**





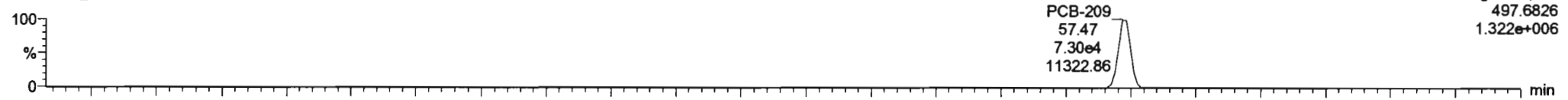
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

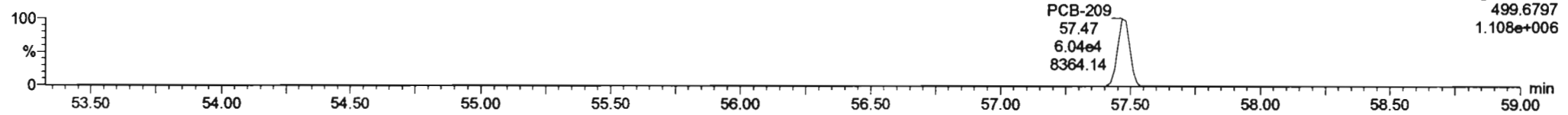
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-209**

200613K2\_8

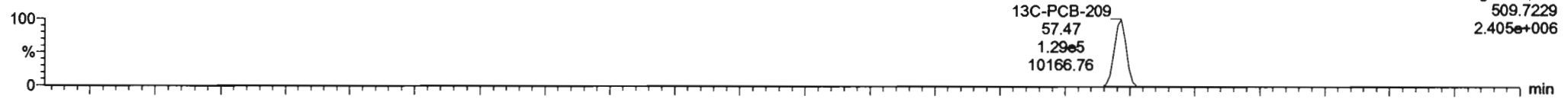


200613K2\_8

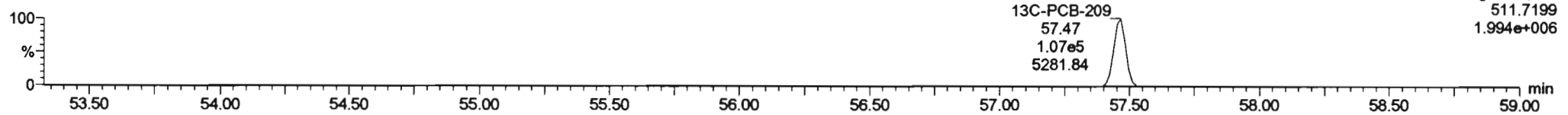


**13C-PCB-209**

200613K2\_8

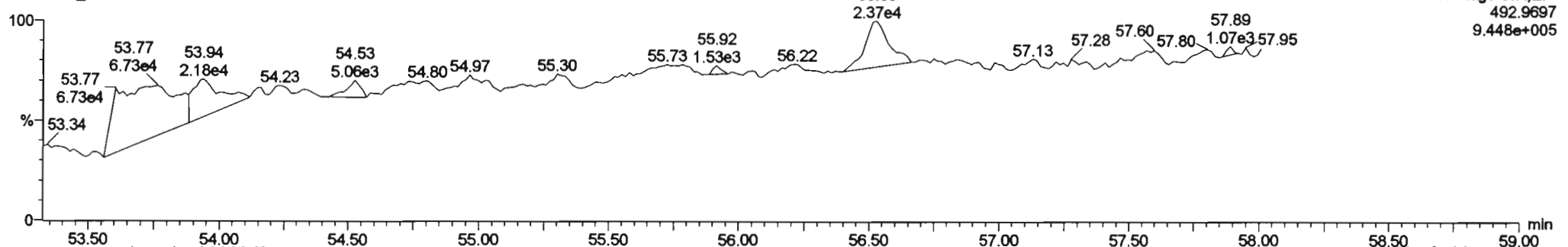


200613K2\_8



**PFK5b**

200613K2\_8





Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

*He 6/16/2020*

*C7 06/22/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.48e3	2.44	YES	1.17	5.048	15.55	15.57	1.001	1.001	NO	2.674		0.325	2.504
2	2 PCB-2	4.47e3	2.58	YES	1.18	5.048	17.98	17.99	0.988	0.988	NO	7.221		0.248	6.868
3	3 PCB-3	1.68e3	2.89	NO	1.15	5.048	18.21	18.22	1.001	1.001	NO	2.786		0.250	2.786
4	4 PCB-4/10	6.13e3	1.49	NO	1.25	5.048	19.62	19.56	1.004	1.001	NO	12.79		0.980	12.79
5	5 PCB-7/9			NO	0.960	5.048	21.42		1.003		YES			0.813	
6	6 PCB-6	3.16e3	1.69	NO	1.02	5.048	22.07	22.06	1.033	1.033	NO	4.946		0.763	4.946
7	7 PCB-5/8	1.30e4	1.40	NO	0.992	5.048	22.48	22.46	1.052	1.052	NO	20.96		0.786	20.96
8	8 PCB-14			NO	1.02	5.048	23.61		0.952		YES			0.814	
9	9 PCB-11	1.89e4	1.51	NO	1.13	5.048	24.83	24.84	1.001	1.001	NO	24.57		0.736	24.57
10	10 PCB-12/13			NO	1.03	5.048	25.27		1.018		YES			0.807	
11	11 PCB-15	1.39e4	1.43	NO	1.03	5.048	25.58	25.55	1.031	1.030	NO	19.63		0.801	19.63
12	12 PCB-19	3.67e3	1.02	NO	1.11	5.048	23.80	23.79	1.001	1.001	NO	12.63		0.905	12.63
13	13 PCB-30			NO	1.79	5.048	24.70		1.039		YES			0.558	
14	14 PCB-18	1.22e4	0.98	NO	0.818	5.048	25.46	25.47	0.952	0.952	NO	38.40		0.817	38.40
15	15 PCB-17	6.53e3	1.15	NO	0.758	5.048	25.63	25.65	0.958	0.959	NO	22.24		0.881	22.24
16	16 PCB-24/27	1.96e3	1.12	NO	1.08	5.048	26.25	26.22	0.981	0.980	NO	4.690		0.617	4.690
17	17 PCB-16/32	9.36e3	1.05	NO	0.925	5.048	26.77	26.77	1.001	1.001	NO	26.13		0.722	26.13
18	18 PCB-34			NO	0.945	5.048	27.58		0.959		YES			0.667	
19	19 PCB-23			NO	0.883	5.048	27.67		0.962		YES			0.715	
20	20 PCB-29			NO	0.893	5.048	27.93		0.971		YES			0.707	
21	21 PCB-26	7.13e3	1.04	NO	0.944	5.048	28.16	28.16	0.979	0.979	NO	12.59		0.668	12.59
22	22 PCB-25	4.49e3	1.17	NO	0.950	5.048	28.31	28.31	0.984	0.984	NO	7.872		0.664	7.872
23	23 PCB-31	3.43e4	1.02	NO	1.04	5.048	28.68	28.68	0.997	0.997	NO	55.22		0.609	55.22
24	24 PCB-28	4.50e4	1.05	NO	1.03	5.048	28.79	28.79	1.001	1.001	NO	73.12		0.616	73.12
25	25 PCB-20/21/33	1.79e4	1.06	NO	0.941	5.048	29.43	29.44	1.023	1.023	NO	31.78		0.670	31.78
26	26 PCB-22	1.07e4	1.05	NO	0.973	5.048	29.87	29.89	1.038	1.039	NO	18.25		0.649	18.25
27	27 PCB-36			NO	1.08	5.048	30.54		0.931		YES			0.624	
28	28 PCB-39			NO	0.988	5.048	31.02		0.946		YES			0.679	
29	29 PCB-38			NO	1.05	5.048	31.82		0.970		YES			0.638	
30	30 PCB-35			NO	1.04	5.048	32.36		0.987		YES			0.643	
31	31 PCB-37	1.62e4	1.04	NO	1.01	5.048	32.81	32.81	1.001	1.001	NO	28.20		0.665	28.20
32	32 PCB-54	1.16e3	0.76	NO	1.08	5.048	27.64	27.64	1.001	1.001	NO	2.963		0.394	2.963

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	2.97e2	0.41	YES	0.880	5.048	28.83	28.83	1.044	1.044	NO	0.9805		0.488	0.6170
34	34 PCB-53	6.99e3	0.84	NO	0.997	5.048	29.51	29.50	0.944	0.943	NO	23.14		0.520	23.14
35	35 PCB-51	4.52e3	0.84	NO	1.07	5.048	29.85	29.85	0.955	0.955	NO	14.02		0.487	14.02
36	36 PCB-45	2.80e3	0.72	NO	0.858	5.048	30.30	30.30	0.969	0.969	NO	10.78		0.604	10.78
37	37 PCB-46	1.54e3	0.64	YES	0.831	5.048	30.80	30.80	0.985	0.985	NO	6.117		0.624	5.505
38	38 PCB-52/69	4.57e4	0.74	NO	1.17	5.048	31.30	31.28	1.001	1.001	NO	129.4		0.445	129.4
39	39 PCB-73			NO	1.44	5.048	31.41		1.005		YES			0.359	
40	40 PCB-43/49	3.22e4	0.76	NO	1.02	5.048	31.59	31.60	1.010	1.011	NO	104.5		0.511	104.5
41	41 PCB-47	1.82e4	0.75	NO	0.922	5.048	31.82	31.82	1.001	1.001	NO	61.53		0.578	61.53
42	42 PCB-48/75	5.31e3	0.75	NO	1.12	5.048	31.93	31.93	1.004	1.004	NO	14.78		0.476	14.78
43	43 PCB-65			NO	1.28	5.048	32.20		1.013		YES			0.416	
44	44 PCB-62			NO	1.13	5.048	32.31		1.016		YES			0.473	
45	45 PCB-44	2.37e4	0.75	NO	0.824	5.048	32.66	32.64	1.027	1.026	NO	89.84		0.647	89.84
46	46 PCB-42/59	1.04e4	0.86	NO	1.05	5.048	32.89	32.86	1.034	1.033	NO	30.79		0.508	30.79
47	47 PCB-41/64/71/72	3.12e4	0.71	NO	1.19	5.048	33.49	33.46	1.053	1.052	NO	82.00		0.449	82.00
48	48 PCB-68	1.07e3	0.97	YES	1.28	5.048	33.74	33.72	1.061	1.060	NO	2.618		0.417	2.353
49	49 PCB-40	3.15e3	0.84	NO	0.602	5.048	33.97	33.94	1.068	1.067	NO	16.33		0.886	16.33
50	50 PCB-57	4.08e2	0.49	YES	1.16	5.048	34.32	34.33	0.969	0.970	NO	0.9231		0.382	0.7088
51	51 PCB-67	1.20e3	0.77	NO	1.08	5.048	34.64	34.65	0.978	0.978	NO	2.939		0.388	2.939
52	52 PCB-58	4.55e2	0.52	YES	1.20	5.048	34.76	34.76	0.982	0.982	NO	1.006		0.349	0.7943
53	53 PCB-63	2.10e3	0.88	NO	1.07	5.048	34.91	34.93	0.986	0.986	NO	5.207		0.393	5.207
54	54 PCB-74	2.12e4	0.75	NO	1.19	5.048	35.22	35.21	0.994	0.994	NO	47.66		0.355	47.66
55	55 PCB-61/70	5.09e4	0.73	NO	1.05	5.048	35.43	35.43	1.000	1.001	NO	128.4		0.399	128.4
56	56 PCB-76/66	4.62e4	0.76	NO	1.16	5.048	35.62	35.64	1.006	1.006	NO	105.7		0.361	105.7
57	57 PCB-80			NO	1.19	5.048	35.86		1.001		YES			0.332	
58	58 PCB-55	5.97e2	0.79	NO	1.17	5.048	36.18	36.16	1.010	1.009	NO	1.282		0.337	1.282
59	59 PCB-56/60	2.19e4	0.77	NO	1.02	5.048	36.70	36.70	1.024	1.024	NO	54.08		0.387	54.08
60	60 PCB-79	1.00e3	0.74	NO	1.14	5.048	37.80	37.83	1.055	1.056	NO	2.206		0.346	2.206
61	61 PCB-78			NO	1.14	5.048	38.52		0.987		YES			0.357	
62	62 PCB-81			NO	1.05	5.048	39.06		1.000		YES			0.388	
63	63 PCB-77	5.22e3	0.87	NO	1.14	5.048	39.68	39.68	1.000	1.000	NO	12.29		0.369	12.29
64	64 PCB-104			NO	1.12	5.048	32.49		1.001		YES			0.588	
65	65 PCB-96	5.75e2	1.38	NO	1.15	5.048	33.82	33.78	1.041	1.040	NO	2.519		0.572	2.519
66	66 PCB-103	1.56e3	1.36	NO	0.936	5.048	34.38	34.35	1.059	1.058	NO	8.446		0.705	8.446
67	67 PCB-100	1.17e3	1.50	NO	0.954	5.048	34.73	34.71	1.069	1.069	NO	6.197		0.692	6.197
68	68 PCB-94	4.40e2	1.93	YES	0.949	5.048	35.19	35.19	0.985	0.985	NO	2.901		0.885	2.532

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	3.11e4	1.51	NO	1.20	5.048	35.67	35.75	0.999	1.001	NO	161.7		0.674	161.7
70	70 PCB-93			NO	0.935	5.048	35.79		1.002		YES			0.868	
71	71 PCB-88/91	6.31e3	1.37	NO	1.06	5.048	36.14	36.16	1.012	1.013	NO	37.11		0.762	37.11
72	72 PCB-121			NO	1.71	5.048	36.23		1.015		YES			0.475	
73	73 PCB-84/92	1.61e4	1.57	NO	1.02	5.048	37.10	37.09	0.990	0.990	NO	99.25		0.817	99.25
74	74 PCB-89	3.52e2	1.88	YES	1.11	5.048	37.27	37.27	0.995	0.995	NO	1.999		0.783	1.780
75	75 PCB-90/101	4.75e4	1.63	NO	1.12	5.048	37.48	37.48	1.000	1.000	NO	265.6		0.741	265.6
76	76 PCB-113	2.49e2	1.37	NO	1.51	5.048	37.72	37.72	1.007	1.007	NO	1.032		0.549	1.032
77	77 PCB-99	2.24e4	1.58	NO	1.32	5.048	37.81	37.81	1.009	1.009	NO	106.2		0.630	106.2
78	78 PCB-119	2.90e3	1.51	NO	1.81	5.048	38.30	38.28	0.987	0.987	NO	11.55		0.530	11.55
79	79 PCB-108/112	1.87e3	2.15	YES	1.44	5.048	38.46	38.47	0.991	0.991	NO	9.299		0.662	7.553
80	80 PCB-83			NO	1.83	5.048	38.61		0.995		YES			0.523	
81	81 PCB-97	9.57e3	1.59	NO	1.28	5.048	38.82	38.82	1.000	1.000	NO	53.62		0.747	53.62
82	82 PCB-86			NO	1.12	5.048	38.97		1.004		YES			0.857	
83	83 PCB-87/117/125	1.27e4	1.68	NO	1.56	5.048	39.12	39.12	1.008	1.008	NO	58.51		0.614	58.51
84	84 PCB-111/115	7.61e2	1.59	NO	1.91	5.048	39.27	39.27	1.012	1.012	NO	2.861		0.501	2.861
85	85 PCB-85/116	5.91e3	1.58	NO	1.41	5.048	39.40	39.38	1.015	1.015	NO	30.12		0.678	30.12
86	86 PCB-120	5.74e2	1.52	NO	2.01	5.048	39.66	39.66	1.022	1.022	NO	2.057		0.477	2.057
87	87 PCB-110	5.32e4	1.55	NO	1.74	5.048	39.79	39.79	1.026	1.025	NO	219.5		0.549	219.5
88	88 PCB-82	3.35e3	1.48	NO	0.781	5.048	40.44	40.44	0.976	0.976	NO	22.80		0.905	22.80
89	89 PCB-124	1.85e3	1.56	NO	1.40	5.048	41.15	41.15	0.993	0.993	NO	7.025		0.506	7.025
90	90 PCB-107/109	4.23e3	1.60	NO	1.34	5.048	41.29	41.31	0.996	0.997	NO	16.76		0.527	16.76
91	91 PCB-123	7.80e2	1.27	YES	1.20	5.048	41.46	41.48	1.000	1.001	NO	3.459		0.580	3.179
92	92 PCB-106/118	4.43e4	1.54	NO	1.22	5.048	41.67	41.65	1.001	1.000	NO	185.6		0.570	185.6
93	93 PCB-114	1.36e3	1.41	NO	1.14	5.048	42.33	42.32	1.000	1.000	NO	3.168		0.709	3.168
94	94 PCB-122	6.88e2	1.59	NO	0.944	5.048	42.47	42.47	1.004	1.004	NO	1.934		0.857	1.934
95	95 PCB-105	2.35e4	1.73	NO	1.05	5.048	43.21	43.21	1.000	1.000	NO	58.65		0.740	58.65
96	96 PCB-127			NO	1.06	5.048	43.57		1.000		YES			0.710	
97	97 PCB-126	4.57e2	1.17	YES	1.17	5.048	45.52	45.54	1.000	1.001	NO	1.041		0.669	0.9194
98	98 PCB-155			NO	1.04	5.048	37.00		1.000		YES			0.345	
99	99 PCB-150	2.20e2	1.43	YES	1.08	5.048	38.32	38.30	1.036	1.036	NO	2.279		0.352	2.101
100	1... PCB-152	9.50e1	2.11	YES	1.19	5.048	38.80	38.80	1.049	1.049	NO	0.8997		0.383	0.6479
101	1... PCB-145			NO	1.19	5.048	39.27		1.062		YES			0.303	
102	1... PCB-136	4.81e3	1.29	NO	1.02	5.048	39.60	39.58	1.071	1.070	NO	52.94		0.352	52.94
103	1... PCB-148	1.87e2	0.80	YES	0.842	5.048	39.71	39.68	1.074	1.073	NO	2.481		0.427	1.996
104	1... PCB-154	9.37e2	2.19	YES	0.919	5.048	40.22	40.21	1.088	1.088	NO	11.45		0.391	8.039



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	6.72e3	1.35	NO	0.787	5.048	40.88	40.87	1.105	1.105	NO	95.98		0.457	95.98
106	1... PCB-135	3.88e3	1.28	NO	0.922	5.048	41.09	41.09	1.111	1.111	NO	47.28		0.390	47.28
107	1... PCB-144	1.04e3	1.44	YES	0.789	5.048	41.20	41.20	1.114	1.114	NO	14.79		0.456	13.56
108	1... PCB-147	9.38e2	1.25	NO	0.834	5.048	41.33	41.33	1.118	1.118	NO	12.63		0.431	12.63
109	1... PCB-139/149	2.28e4	1.38	NO	0.948	5.048	41.62	41.61	1.125	1.125	NO	270.0		0.380	270.0
110	1... PCB-140			NO	0.794	5.048	41.80		1.130		YES			0.453	
111	1... PCB-134/143	3.35e3	1.21	NO	0.759	5.048	42.28	42.27	0.975	0.975	NO	15.13		0.650	15.13
112	1... PCB-131/133	2.58e3	1.17	NO	0.821	5.048	42.58	42.57	0.982	0.982	NO	10.76		0.601	10.76
113	1... PCB-142			NO	0.754	5.048	42.72		0.985		YES			0.654	
114	1... PCB-146/165	1.83e4	1.21	NO	1.02	5.048	42.97	42.99	0.991	0.991	NO	61.75		0.485	61.75
115	1... PCB-132/161	2.10e4	1.37	NO	1.02	5.048	43.20	43.25	0.996	0.997	NO	70.36		0.482	70.36
116	1... PCB-153	1.02e5	1.19	NO	1.07	5.048	43.38	43.38	1.000	1.000	NO	325.8		0.461	325.8
117	1... PCB-168			NO	1.08	5.048	43.61		1.006		YES			0.458	
118	1... PCB-141	1.46e4	1.34	NO	1.03	5.048	44.14	44.16	1.000	1.001	NO	57.22		0.584	57.22
119	1... PCB-137	2.96e3	1.12	NO	1.11	5.048	44.54	44.54	1.010	1.009	NO	10.74		0.540	10.74
120	1... PCB-130	4.78e3	1.40	NO	0.885	5.048	44.64	44.65	1.012	1.012	NO	21.76		0.677	21.76
121	1... PCB-138/163/164	9.84e4	1.24	NO	1.28	5.048	45.03	45.03	1.001	1.001	NO	305.3		0.456	305.3
122	1... PCB-158/160	8.78e3	1.28	NO	1.24	5.048	45.28	45.26	1.006	1.006	NO	28.19		0.472	28.19
123	1... PCB-129	1.93e3	1.22	NO	0.867	5.048	45.54	45.53	1.012	1.012	NO	8.880		0.676	8.880
124	1... PCB-166			NO	1.14	5.048	46.01		0.993		YES			0.437	
125	1... PCB-159			NO	1.22	5.048	46.34		1.000		YES			0.411	
126	1... PCB-128/162	1.05e4	1.26	NO	0.907	5.048	46.63	46.62	1.007	1.007	NO	38.44		0.551	38.44
127	1... PCB-167	3.49e3	1.28	NO	1.11	5.048	47.04	47.04	1.000	1.000	NO	10.28		0.444	10.28
128	1... PCB-156	8.68e3	1.15	NO	1.13	5.048	48.39	48.39	1.000	1.000	NO	25.27		0.440	25.27
129	1... PCB-157	1.47e3	1.39	NO	1.04	5.048	48.67	48.67	1.001	1.001	NO	4.660		0.466	4.660
130	1... PCB-169			NO	1.16	5.048	50.93		1.000		YES			0.424	
131	1... PCB-188	2.12e2	1.74	YES	1.29	5.048	43.02	43.02	1.001	1.001	NO	0.8466		0.452	0.6354
132	1... PCB-184			NO	1.23	5.048	43.45		1.011		YES			0.473	
133	1... PCB-179	1.25e4	1.02	NO	1.30	5.048	44.28	44.28	1.030	1.030	NO	49.83		0.449	49.83
134	1... PCB-176	3.83e3	0.90	NO	1.31	5.048	44.74	44.75	1.041	1.041	NO	15.10		0.445	15.10
135	1... PCB-186			NO	1.33	5.048	45.37		1.055		YES			0.438	
136	1... PCB-178	4.94e3	1.04	NO	0.943	5.048	45.89	45.89	1.067	1.067	NO	27.01		0.618	27.01
137	1... PCB-175	8.27e2	1.17	NO	0.956	5.048	46.24	46.25	1.076	1.076	NO	4.461		0.609	4.461
138	1... PCB-182/187	3.03e4	1.04	NO	1.07	5.048	46.42	46.42	1.080	1.080	NO	146.8		0.547	146.8
139	1... PCB-183	1.24e4	1.06	NO	1.02	5.048	46.76	46.76	1.088	1.088	NO	62.38		0.570	62.38
140	1... PCB-185	2.60e3	1.11	NO	1.41	5.048	47.44	47.44	0.955	0.955	NO	13.20		0.614	13.20

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPG
141	1... PCB-174	2.19e4	1.05	NO	1.35	5.048	47.82	47.80	0.962	0.962	NO	115.2		0.637	115.2
142	1... PCB-181			NO	1.47	5.048	47.91		0.964		YES			0.585	
143	1... PCB-177	1.19e4	1.16	NO	1.28	5.048	48.08	48.08	0.968	0.968	NO	66.55		0.675	66.55
144	1... PCB-171	5.31e3	1.24	YES	1.32	5.048	48.38	48.39	0.974	0.974	NO	28.75		0.665	26.30
145	1... PCB-173	4.86e2	1.09	NO	1.19	5.048	48.82	48.84	0.983	0.983	NO	2.908		0.725	2.908
146	1... PCB-172	3.28e3	1.11	NO	1.38	5.048	49.30	49.30	0.992	0.992	NO	17.00		0.627	17.00
147	1... PCB-192			NO	1.83	5.048	49.48		0.996		YES			0.472	
148	1... PCB-180	4.88e4	1.10	NO	1.41	5.048	49.71	49.71	1.000	1.000	NO	246.3		0.611	246.3
149	1... PCB-193	3.33e3	1.14	NO	1.68	5.048	49.92	49.92	1.005	1.005	NO	14.15		0.515	14.15
150	1... PCB-191	1.09e3	0.80	YES	1.71	5.048	50.18	50.19	1.010	1.010	NO	4.555		0.504	3.936
151	1... PCB-170	1.69e4	1.02	NO	1.40	5.048	51.38	51.38	1.000	1.000	NO	96.41		0.665	96.41
152	1... PCB-190	5.33e3	0.95	NO	1.85	5.048	51.57	51.57	1.004	1.004	NO	23.00		0.503	23.00
153	1... PCB-189	8.99e2	0.93	NO	1.45	5.048	53.11	53.10	1.000	1.000	NO	3.853		0.431	3.853
154	1... PCB-202	1.86e3	0.89	NO	1.17	5.048	48.61	48.59	1.001	1.000	NO	14.30		0.570	14.30
155	1... PCB-201	1.31e3	0.99	NO	1.05	5.048	49.10	49.11	1.011	1.011	NO	11.24		0.632	11.24
156	1... PCB-204			NO	1.14	5.048	49.25		1.014		YES			0.583	
157	1... PCB-197	3.39e2	2.00	YES	1.13	5.048	49.57	49.56	1.020	1.020	NO	2.695		0.588	1.698
158	1... PCB-200	1.10e3	0.97	NO	1.07	5.048	50.50	50.51	1.040	1.040	NO	9.256		0.622	9.256
159	1... PCB-198	4.23e2	1.60	YES	0.794	5.048	52.08	52.06	1.072	1.072	NO	4.800		0.858	3.495
160	1... PCB-199	8.27e3	0.85	NO	0.809	5.048	52.18	52.19	1.074	1.075	NO	92.04		0.822	92.04
161	1... PCB-196/203	8.97e3	0.93	NO	0.838	5.048	52.50	52.52	1.081	1.081	NO	96.33		0.794	96.33
162	1... PCB-195	6.24e3	0.92	NO	1.04	5.048	53.80	53.79	0.984	0.983	NO	26.70		0.456	26.70
163	1... PCB-194	1.66e4	0.80	NO	1.12	5.048	54.72	54.72	1.000	1.000	NO	66.61		0.427	66.61
164	1... PCB-205	9.06e2	0.68	YES	1.29	5.048	54.98	54.99	1.005	1.005	NO	3.142		0.389	2.705
165	1... PCB-208	2.89e3	1.39	NO	0.933	5.048	53.96	53.96	1.000	1.000	NO	11.61		0.395	11.61
166	1... PCB-207	1.30e3	1.33	NO	0.916	5.048	54.28	54.28	1.006	1.006	NO	5.340		0.402	5.340
167	1... PCB-206	8.12e3	1.38	NO	1.01	5.048	56.25	56.25	1.000	1.000	NO	43.33		0.512	43.33
168	1... PCB-209	6.63e3	1.24	NO	0.986	5.048	57.48	57.50	1.000	1.000	NO	41.20		0.212	41.20
169	1... 13C-PCB-1	9.38e5	3.30	NO	0.893	5.048	15.52	15.54	0.608	0.609	NO	1428	72.1	1.85	
170	1... 13C-PCB-3	1.04e6	3.17	NO	0.911	5.048	18.17	18.20	0.712	0.713	NO	1549	78.2	1.81	
171	1... 13C-PCB-4	7.61e5	1.60	NO	0.600	5.048	19.52	19.54	0.765	0.766	NO	1726	87.2	0.769	
172	1... 13C-PCB-9	1.23e6	1.57	NO	0.970	5.048	21.35	21.36	0.836	0.837	NO	1732	87.4	0.476	
173	1... 13C-PCB-11	1.35e6	1.59	NO	0.962	5.048	24.79	24.81	0.971	0.972	NO	1915	96.7	0.480	
174	1... 13C-PCB-19	5.20e5	1.04	NO	0.499	5.048	23.76	23.77	0.931	0.931	NO	1418	71.6	8.84	
175	1... 13C-PCB-32	7.67e5	1.05	NO	0.744	5.048	26.75	26.75	1.048	1.048	NO	1401	70.7	5.93	
176	1... 13C-PCB-28	1.19e6	1.03	NO	1.06	5.048	28.77	28.77	1.004	1.004	NO	1855	93.6	6.05	

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.13e6	1.02	NO	0.989	5.048	32.75	32.79	1.143	1.144	NO	1895	95.7	6.51	
178	1... 13C-PCB-54	7.18e5	0.77	NO	0.999	5.048	27.62	27.62	0.753	0.753	NO	1838	92.8	1.78	
179	1... 13C-PCB-52	6.00e5	0.77	NO	0.804	5.048	31.26	31.26	0.852	0.852	NO	1907	96.2	2.22	
180	1... 13C-PCB-47	6.35e5	0.80	NO	0.857	5.048	31.78	31.80	0.866	0.867	NO	1893	95.6	2.08	
181	1... 13C-PCB-70	7.45e5	0.79	NO	0.996	5.048	35.41	35.41	0.965	0.966	NO	1911	96.5	1.79	
182	1... 13C-PCB-80	7.89e5	0.77	NO	1.03	5.048	35.84	35.84	0.977	0.977	NO	1960	99.0	1.73	
183	1... 13C-PCB-81	7.67e5	0.81	NO	0.988	5.048	39.04	39.04	1.064	1.064	NO	1985	100	1.81	
184	1... 13C-PCB-77	7.40e5	0.81	NO	0.969	5.048	39.66	39.66	1.081	1.081	NO	1953	98.6	1.84	
185	1... 13C-PCB-104	3.92e5	1.72	NO	1.02	5.048	32.46	32.47	0.827	0.827	NO	1914	96.6	1.30	
186	1... 13C-PCB-95	3.17e5	1.65	NO	0.805	5.048	35.71	35.71	0.910	0.910	NO	1951	98.5	1.64	
187	1... 13C-PCB-101	3.16e5	1.63	NO	0.793	5.048	37.46	37.46	0.954	0.954	NO	1977	99.8	1.67	
188	1... 13C-PCB-97	2.76e5	1.66	NO	0.696	5.048	38.80	38.80	0.989	0.989	NO	1965	99.2	1.90	
189	1... 13C-PCB-123	3.73e5	1.67	NO	0.933	5.048	41.44	41.44	1.056	1.056	NO	1983	100	1.42	
190	1... 13C-PCB-118	3.88e5	1.74	NO	0.986	5.048	41.63	41.63	1.061	1.061	NO	1955	98.7	1.34	
191	1... 13C-PCB-114	7.46e5	1.59	NO	1.55	5.048	42.30	42.31	0.908	0.908	NO	2166	109	1.16	
192	1... 13C-PCB-105	7.55e5	1.61	NO	1.57	5.048	43.19	43.19	0.927	0.927	NO	2156	109	1.15	
193	1... 13C-PCB-127	7.90e5	1.58	NO	1.62	5.048	43.55	43.56	0.934	0.935	NO	2184	110	1.11	
194	1... 13C-PCB-126	7.42e5	1.54	NO	1.57	5.048	45.51	45.51	0.976	0.976	NO	2126	107	1.15	
195	1... 13C-PCB-155	1.76e5	1.29	NO	0.615	5.048	36.98	36.98	0.942	0.942	NO	1424	71.9	0.401	
196	1... 13C-PCB-153	5.78e5	1.25	NO	1.36	5.048	43.36	43.37	0.930	0.930	NO	1902	96.0	1.46	
197	1... 13C-PCB-141	4.92e5	1.31	NO	1.13	5.048	44.13	44.12	0.947	0.947	NO	1957	98.8	1.77	
198	1... 13C-PCB-138	4.98e5	1.26	NO	1.18	5.048	44.99	44.99	0.965	0.965	NO	1885	95.2	1.68	
199	1... 13C-PCB-159	5.95e5	1.31	NO	1.44	5.048	46.32	46.32	0.994	0.994	NO	1854	93.6	1.39	
200	2... 13C-PCB-167	6.08e5	1.25	NO	1.44	5.048	47.02	47.02	1.009	1.009	NO	1894	95.6	1.38	
201	2... 13C-PCB-156	6.05e5	1.27	NO	1.40	5.048	48.34	48.37	1.037	1.038	NO	1943	98.1	1.43	
202	2... 13C-PCB-157	6.03e5	1.28	NO	1.40	5.048	48.63	48.63	1.043	1.043	NO	1936	97.7	1.43	
203	2... 13C-PCB-169	6.11e5	1.30	NO	1.33	5.048	50.91	50.91	1.092	1.092	NO	2060	104	1.50	
204	2... 13C-PCB-188	3.84e5	0.45	NO	1.41	5.048	42.99	42.99	0.926	0.926	NO	1893	95.6	1.32	
205	2... 13C-PCB-180	2.78e5	0.47	NO	0.929	5.048	49.69	49.69	1.070	1.070	NO	2081	105	2.00	
206	2... 13C-PCB-170	2.48e5	0.47	NO	0.794	5.048	51.37	51.36	1.106	1.106	NO	2172	110	2.34	
207	2... 13C-PCB-189	3.18e5	0.46	NO	1.04	5.048	53.11	53.08	1.144	1.143	NO	2118	107	1.78	
208	2... 13C-PCB-202	2.20e5	0.98	NO	1.04	5.048	48.59	48.58	1.046	1.046	NO	1476	74.5	0.844	
209	2... 13C-PCB-194	4.43e5	0.89	NO	0.768	5.048	54.72	54.70	0.995	0.995	NO	1970	99.4	1.68	
210	2... 13C-PCB-208	5.28e5	0.79	NO	0.991	5.048	53.95	53.94	0.981	0.981	NO	1821	91.9	1.85	
211	2... 13C-PCB-206	3.68e5	0.77	NO	0.552	5.048	56.24	56.24	1.023	1.023	NO	2280	115	3.33	
212	2... 13C-PCB-209	3.23e5	1.23	NO	0.396	5.048	57.49	57.48	1.046	1.045	NO	2786	141	0.325	



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:48:58 PM Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.46e6	1.60	NO	1.00	5.048	25.51	25.53	1.000	0.000	NO	1981	100	0.461	
214	2... 13C-PCB-31	1.19e6	1.03	NO	1.00	5.048	28.64	28.66	1.000	0.000	NO	1981	100	6.44	
215	2... 13C-PCB-60	7.75e5	0.79	NO	1.00	5.048	36.66	36.68	1.000	0.000	NO	1981	100	1.78	
216	2... 13C-PCB-111	3.99e5	1.60	NO	1.00	5.048	39.23	39.25	1.000	0.000	NO	1981	100	1.32	
217	2... 13C-PCB-128	4.41e5	1.28	NO	1.00	5.048	46.59	46.60	1.000	0.000	NO	1981	100	1.99	
218	2... 13C-PCB-182	2.85e5	0.48	NO	1.00	5.048	46.40	46.44	0.000	0.000	NO	1981	100	1.86	
219	2... 13C-PCB-205	5.80e5	0.90	NO	1.00	5.048	54.97	54.98	1.000	0.000	NO	1981	100	1.29	
220	2... 13C-PCB-79	8.56e5	0.80	NO	1.07	5.048	37.78	37.78	1.030	1.030	NO	2047	103	1.67	
221	2... 13C-PCB-178	2.77e5	0.46	NO	0.766	5.048	45.88	45.87	0.988	0.988	NO	1625	82.0	1.52	
222	2... 13C-PCB-79	8.56e5	0.80	NO	1.08	5.048	37.78	37.78	0.968	0.968	NO	2043	103	1.65	
223	2... 13C-PCB-178	2.77e5	0.46	NO	1.05	5.048	45.87	45.87	0.923	0.923	NO	1880	94.9	1.83	
224	2... Total Mono-PCBs				1.17	5.048	0.00		0.000		NO	2.786		0.818	12.16
225	2... Total Di-PCBs				1.05	5.048	0.00		0.000		NO	82.89		6.50	82.89
226	2... 2nd Function Tri-PCBs				1.08	5.048	0.00		0.000		NO	104.1		4.50	104.1
227	2... 3rd Function Tri-PCBs				0.983	5.048	0.00		0.000		NO	227.0		9.21	227.0
228	2... Total Tetra-PCBs				1.08	5.048	0.00		0.000		NO	939.8		14.4	949.8
229	2... 3rd Function Penta-PCBs				1.32	5.048	0.00		0.000		NO	1298		18.9	1313
230	2... 4th Function Penta-PCBs				1.07	5.048	0.00		0.000		NO	63.75		3.71	64.67
231	2... 3rd Function Hexa-PCBs				0.951	5.048	0.00		0.000		NO	478.8		5.02	505.2
232	2... 4th Function Hexa-PCBs				1.03	5.048	0.00		0.000		NO	994.5		16.4	994.5
233	2... Total Hepta-PCBs				1.36	5.048	0.00		0.000		NO	904.1		12.8	935.0
234	2... 4th Function Octa-PCBs				1.00	5.048	0.00		0.000		NO	223.2		5.46	228.4
235	2... 5th Function Octa-PCBs				1.15	5.048	0.00		0.000		NO	93.31		1.25	96.01
236	2... Total Nona-PCBs				0.952	5.048	0.00		0.000		NO	60.29		1.81	60.29
237	2... Deca-CB				0.986	5.048	0.00		0.000		NO	41.20		0.212	41.20
238	2... Total PCBs														

> 331.1 -  
 > 1361.75 -  
 > 1473.3 -  
 > 31651 -  
 > 331.1 -  
 > 1377.67 -  
 > 1499.7 -  
 > 324.41 -

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**Total Mono-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-1	15.55	15.57	1.401e4	5.292e3	1.050e3	4.296e2	2.44	YES	1.480e3	0.00000	2.5044	0.325
2 PCB-2	17.98	17.99	5.456e4	1.977e4	3.225e3	1.249e3	2.58	YES	4.474e3	0.00000	6.8679	0.243
3 PCB-3	18.21	18.22	2.149e4	8.031e3	1.245e3	4.305e2	2.89	NO	1.676e3	2.7861	2.7861	0.250

**Total Di-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-4/10	19.62	19.56	5.989e4	3.977e4	3.676e3	2.459e3	1.49	NO	6.135e3	12.787	12.787	0.980
2 PCB-6	22.07	22.06	3.165e4	2.061e4	1.982e3	1.173e3	1.69	NO	3.155e3	4.9461	4.9461	0.763
3 PCB-5/8	22.48	22.46	1.147e5	7.991e4	7.561e3	5.403e3	1.40	NO	1.296e4	20.959	20.959	0.786
4 PCB-11	24.83	24.84	1.599e5	9.734e4	1.139e4	7.526e3	1.51	NO	1.891e4	24.572	24.572	0.736
5 PCB-15	25.58	25.55	1.273e5	8.386e4	8.167e3	5.712e3	1.43	NO	1.388e4	19.629	19.629	0.801

**2nd Function Tri-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-19	23.80	23.79	2.708e4	2.803e4	1.852e3	1.817e3	1.02	NO	3.668e3	12.627	12.627	0.905
2 PCB-18	25.46	25.47	1.063e5	1.043e5	6.019e3	6.133e3	0.98	NO	1.215e4	38.400	38.400	0.817
3 PCB-17	25.63	25.65	5.448e4	4.916e4	3.492e3	3.034e3	1.15	NO	6.526e3	22.235	22.235	0.881
4 PCB-24/27	26.25	26.22	1.485e4	1.368e4	1.037e3	9.270e2	1.12	NO	1.964e3	4.6896	4.6896	0.617
5 PCB-16/32	26.77	26.77	5.007e4	4.917e4	4.793e3	4.566e3	1.05	NO	9.359e3	26.133	26.133	0.722



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

3rd Function Tri-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.16	28.16	4.669e4	4.546e4	3.634e3	3.495e3	1.04	NO	7.129e3	12.588	12.588	0.668
2	PCB-25	28.31	28.31	2.915e4	2.779e4	2.418e3	2.068e3	1.17	NO	4.487e3	7.8723	7.8723	0.664
3	PCB-31	28.68	28.68	2.290e5	2.264e5	1.736e4	1.698e4	1.02	NO	3.433e4	55.223	55.223	0.609
4	PCB-28	28.79	28.79	3.141e5	2.996e5	2.302e4	2.195e4	1.05	NO	4.497e4	73.122	73.122	0.616
5	PCB-20/21/33	29.43	29.44	1.101e5	1.055e5	9.234e3	8.712e3	1.06	NO	1.795e4	31.777	31.777	0.670
6	PCB-22	29.87	29.89	6.596e4	6.611e4	5.463e3	5.192e3	1.05	NO	1.065e4	18.253	18.253	0.649
7	PCB-37	32.81	32.81	1.069e5	1.044e5	8.262e3	7.945e3	1.04	NO	1.621e4	28.199	28.199	0.665

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

Total Tetra-PCBs

Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-54	27.64	27.64	6.541e3	8.390e3	5.001e2	6.605e2	0.76	NO	1.161e3	2.9635	2.9635	0.394
2 PCB-50	28.83	28.83	1.269e3	2.185e3	8.563e1	2.112e2	0.41	YES	2.968e2	0.00000	0.61705	0.483
3 PCB-53	29.51	29.50	4.075e4	4.994e4	3.182e3	3.803e3	0.84	NO	6.985e3	23.144	23.144	0.520
4 PCB-51	29.85	29.85	2.774e4	3.263e4	2.066e3	2.455e3	0.84	NO	4.521e3	14.017	14.017	0.487
5 PCB-45	30.30	30.30	1.491e4	2.009e4	1.170e3	1.633e3	0.72	NO	2.803e3	10.783	10.783	0.604
6 PCB-46	30.80	30.80	7.886e3	1.110e4	6.024e2	9.364e2	0.64	YES	1.539e3	0.00000	5.5048	0.624
7 PCB-52/69	31.30	31.28	2.502e5	3.430e5	1.948e4	2.622e4	0.74	NO	4.570e4	129.38	129.38	0.445
8 PCB-43/49	31.59	31.60	1.685e5	2.273e5	1.384e4	1.832e4	0.76	NO	3.216e4	104.52	104.52	0.511
9 PCB-47	31.82	31.82	9.504e4	1.258e5	7.815e3	1.037e4	0.75	NO	1.818e4	61.535	61.535	0.578
10 PCB-48/75	31.93	31.93	2.636e4	3.871e4	2.269e3	3.039e3	0.75	NO	5.308e3	14.783	14.783	0.476
11 PCB-44	32.66	32.64	1.354e5	1.836e5	1.019e4	1.354e4	0.75	NO	2.373e4	89.838	89.838	0.647
12 PCB-42/59	32.89	32.86	6.016e4	6.896e4	4.805e3	5.556e3	0.86	NO	1.036e4	30.793	30.793	0.508
13 PCB-41/64/71/72	33.49	33.46	1.505e5	2.202e5	1.291e4	1.830e4	0.71	NO	3.121e4	82.002	82.002	0.449
14 PCB-68	33.74	33.72	6.732e3	6.257e3	5.278e2	5.446e2	0.97	YES	1.072e3	0.00000	2.3534	0.417
15 PCB-40	33.97	33.94	1.815e4	2.276e4	1.435e3	1.717e3	0.84	NO	3.152e3	16.332	16.332	0.886
16 PCB-57	34.32	34.33	1.623e3	2.124e3	1.348e2	2.731e2	0.49	YES	4.079e2	0.00000	0.70885	0.362
17 PCB-67	34.64	34.65	7.305e3	9.465e3	5.224e2	6.752e2	0.77	NO	1.198e3	2.9391	2.9391	0.388
18 PCB-58	34.76	34.76	2.326e3	3.935e3	1.564e2	2.987e2	0.52	YES	4.550e2	0.00000	0.79427	0.349
19 PCB-63	34.91	34.93	1.214e4	1.424e4	9.830e2	1.115e3	0.88	NO	2.098e3	5.2071	5.2071	0.393
20 PCB-74	35.22	35.21	1.243e5	1.685e5	9.102e3	1.213e4	0.75	NO	2.123e4	47.663	47.663	0.355
21 PCB-61/70	35.43	35.43	2.800e5	3.767e5	2.151e4	2.936e4	0.73	NO	5.088e4	128.40	128.40	0.399
22 PCB-76/66	35.62	35.64	2.512e5	3.430e5	1.998e4	2.625e4	0.76	NO	4.624e4	105.65	105.65	0.361
23 PCB-55	36.18	36.16	2.959e3	3.469e3	2.632e2	3.335e2	0.79	NO	5.967e2	1.2824	1.2824	0.337
24 PCB-56/60	36.70	36.70	1.215e5	1.533e5	9.561e3	1.235e4	0.77	NO	2.191e4	54.082	54.082	0.387
25 PCB-79	37.80	37.83	5.054e3	5.944e3	4.263e2	5.735e2	0.74	NO	9.998e2	2.2063	2.2063	0.346
26 PCB-77	39.68	39.68	2.884e4	3.619e4	2.422e3	2.798e3	0.87	NO	5.220e3	12.289	12.289	0.369

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

3rd Function Penta-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.82	33.78	4.295e3	3.153e3	3.337e2	2.413e2	1.38	NO	5.750e2	2.5188	2.5188	0.572
2	PCB-103	34.38	34.35	1.004e4	7.591e3	9.020e2	6.628e2	1.36	NO	1.565e3	8.4458	8.4458	0.705
3	PCB-100	34.73	34.71	1.015e4	5.334e3	7.021e2	4.669e2	1.50	NO	1.169e3	6.1966	6.1966	0.692
4	PCB-94	35.19	35.19	4.135e3	1.785e3	2.898e2	1.499e2	1.93	YES	4.398e2	0.00000	2.5318	0.855
5	PCB-95/98/102	35.67	35.75	2.238e5	1.519e5	1.873e4	1.239e4	1.51	NO	3.112e4	161.68	161.68	0.674
6	PCB-88/91	36.14	36.16	4.698e4	3.423e4	3.654e3	2.659e3	1.37	NO	6.313e3	37.106	37.106	0.762
7	PCB-84/92	37.10	37.09	1.223e5	7.942e4	9.834e3	6.261e3	1.57	NO	1.609e4	99.255	99.255	0.817
8	PCB-89	37.27	37.27	3.169e3	1.776e3	2.296e2	1.224e2	1.88	YES	3.520e2	0.00000	1.7796	0.753
9	PCB-90/101	37.48	37.48	3.754e5	2.180e5	2.942e4	1.808e4	1.63	NO	4.750e4	265.58	265.58	0.741
10	PCB-113	37.72	37.72	3.894e3	3.632e3	1.437e2	1.052e2	1.37	NO	2.489e2	1.0319	1.0319	0.549
11	PCB-99	37.81	37.81	1.749e5	1.112e5	1.370e4	8.651e3	1.58	NO	2.235e4	106.20	106.20	0.630
12	PCB-119	38.30	38.28	2.226e4	1.340e4	1.747e3	1.155e3	1.51	NO	2.902e3	11.553	11.553	0.530
13	PCB-108/112	38.46	38.47	1.691e4	7.223e3	1.277e3	5.933e2	2.15	YES	1.870e3	0.00000	7.5534	0.662
14	PCB-97	38.82	38.82	7.318e4	4.629e4	5.875e3	3.691e3	1.59	NO	9.565e3	53.620	53.620	0.747
15	PCB-87/117/125	39.12	39.12	9.775e4	5.881e4	7.949e3	4.742e3	1.68	NO	1.269e4	58.508	58.508	0.614
16	PCB-111/115	39.27	39.27	6.760e3	4.139e3	4.668e2	2.939e2	1.59	NO	7.607e2	2.8613	2.8613	0.501
17	PCB-85/116	39.40	39.38	4.328e4	2.859e4	3.617e3	2.296e3	1.58	NO	5.913e3	30.116	30.116	0.678
18	PCB-120	39.66	39.66	3.764e3	2.636e3	3.463e2	2.276e2	1.52	NO	5.739e2	2.0570	2.0570	0.477
19	PCB-110	39.79	39.79	4.082e5	2.702e5	3.236e4	2.088e4	1.55	NO	5.324e4	219.54	219.54	0.549
20	PCB-82	40.44	40.44	2.590e4	1.662e4	2.001e3	1.351e3	1.48	NO	3.352e3	22.801	22.801	0.905
21	PCB-124	41.15	41.15	1.238e4	7.915e3	1.126e3	7.202e2	1.56	NO	1.846e3	7.0250	7.0250	0.506
22	PCB-107/109	41.29	41.31	3.149e4	2.045e4	2.605e3	1.626e3	1.60	NO	4.230e3	16.757	16.757	0.527
23	PCB-123	41.46	41.48	6.002e3	4.313e3	4.366e2	3.431e2	1.27	YES	7.797e2	0.00000	3.1789	0.590
24	PCB-106/118	41.67	41.65	3.247e5	2.163e5	2.687e4	1.746e4	1.54	NO	4.433e4	185.57	185.57	0.570

4th Function Penta-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.33	42.32	8.763e3	6.093e3	7.962e2	5.656e2	1.41	NO	1.362e3	3.1679	3.1679	0.709
2	PCB-122	42.47	42.47	4.724e3	3.479e3	4.228e2	2.651e2	1.59	NO	6.879e2	1.9341	1.9341	0.857
3	PCB-105	43.21	43.21	1.803e5	1.006e5	1.490e4	8.593e3	1.73	NO	2.349e4	58.646	58.646	0.740
4	PCB-126	45.52	45.54	3.793e3	3.089e3	2.461e2	2.111e2	1.17	YES	4.573e2	0.00000	0.91938	0.689

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

3rd Function Hexa-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.32	38.30	1.544e3	9.080e2	1.293e2	9.044e1	1.43	YES	2.198e2	0.00000	2.1012	0.332
2	PCB-152	38.80	38.80	1.033e3	5.380e2	6.445e1	3.054e1	2.11	YES	9.499e1	0.00000	0.64792	0.303
3	PCB-136	39.60	39.58	3.269e4	2.654e4	2.706e3	2.103e3	1.29	NO	4.809e3	52.936	52.936	0.352
4	PCB-148	39.71	39.68	2.227e3	2.572e3	8.276e1	1.038e2	0.80	YES	1.866e2	0.00000	1.9961	0.427
5	PCB-154	40.22	40.21	8.990e3	3.461e3	6.433e2	2.935e2	2.19	YES	9.368e2	0.00000	8.0386	0.391
6	PCB-151	40.88	40.87	4.871e4	3.479e4	3.861e3	2.857e3	1.35	NO	6.718e3	95.979	95.979	0.457
7	PCB-135	41.09	41.09	2.586e4	2.097e4	2.181e3	1.700e3	1.28	NO	3.880e3	47.277	47.277	0.390
8	PCB-144	41.20	41.20	8.227e3	5.969e3	6.131e2	4.250e2	1.44	YES	1.038e3	0.00000	13.560	0.456
9	PCB-147	41.33	41.33	6.529e3	5.476e3	5.215e2	4.164e2	1.25	NO	9.379e2	12.629	12.629	0.431
10	PCB-139/149	41.62	41.61	1.637e5	1.202e5	1.320e4	9.572e3	1.38	NO	2.277e4	270.00	270.00	0.380

4th Function Hexa-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.28	42.27	2.123e4	1.917e4	1.837e3	1.514e3	1.21	NO	3.351e3	15.129	15.129	0.650
2	PCB-131/133	42.58	42.57	1.750e4	1.447e4	1.388e3	1.189e3	1.17	NO	2.577e3	10.756	10.756	0.601
3	PCB-146/165	42.97	42.99	1.229e5	1.001e5	1.004e4	8.283e3	1.21	NO	1.832e4	61.753	61.753	0.485
4	PCB-132/161	43.20	43.25	1.549e5	1.106e5	1.217e4	8.867e3	1.37	NO	2.103e4	70.364	70.364	0.482
5	PCB-153	43.38	43.38	7.052e5	5.976e5	5.525e4	4.655e4	1.19	NO	1.018e5	325.78	325.78	0.461
6	PCB-141	44.14	44.16	1.037e5	7.667e4	8.360e3	6.219e3	1.34	NO	1.458e4	57.219	57.219	0.584
7	PCB-137	44.54	44.54	1.931e4	1.628e4	1.566e3	1.394e3	1.12	NO	2.960e3	10.742	10.742	0.540
8	PCB-130	44.64	44.65	3.358e4	2.642e4	2.792e3	1.989e3	1.40	NO	4.781e3	21.760	21.760	0.677
9	PCB-138/163/164	45.03	45.03	5.866e5	4.738e5	5.439e4	4.402e4	1.24	NO	9.841e4	305.28	305.28	0.456
10	PCB-158/160	45.28	45.26	6.196e4	4.805e4	4.923e3	3.857e3	1.28	NO	8.780e3	28.193	28.193	0.472
11	PCB-129	45.54	45.53	1.374e4	1.134e4	1.063e3	8.695e2	1.22	NO	1.933e3	8.8803	8.8803	0.676
12	PCB-128/162	46.63	46.62	7.243e4	5.705e4	5.840e3	4.630e3	1.26	NO	1.047e4	38.441	38.441	0.551
13	PCB-167	47.04	47.04	2.355e4	1.927e4	1.960e3	1.534e3	1.28	NO	3.494e3	10.278	10.278	0.444
14	PCB-156	48.39	48.39	5.522e4	4.861e4	4.651e3	4.034e3	1.15	NO	8.684e3	25.269	25.269	0.440
15	PCB-157	48.67	48.67	1.035e4	7.433e3	8.564e2	6.153e2	1.39	NO	1.472e3	4.6599	4.6599	0.466

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**Total Hepta-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-188	43.02	43.02	1.816e3	1.054e3	1.346e2	7.747e1	1.74	YES	2.121e2	0.00000	0.63540	0.452
2 PCB-179	44.28	44.28	7.909e4	7.915e4	6.342e3	6.193e3	1.02	NO	1.254e4	49.826	49.826	0.449
3 PCB-176	44.74	44.75	2.394e4	2.532e4	1.810e3	2.019e3	0.90	NO	3.829e3	15.095	15.095	0.445
4 PCB-178	45.89	45.89	3.113e4	3.095e4	2.519e3	2.418e3	1.04	NO	4.937e3	27.006	27.006	0.618
5 PCB-175	46.24	46.25	6.039e3	5.168e3	4.459e2	3.809e2	1.17	NO	8.268e2	4.4613	4.4613	0.609
6 PCB-182/187	46.42	46.42	1.920e5	1.851e5	1.549e4	1.484e4	1.04	NO	3.034e4	146.81	146.81	0.547
7 PCB-183	46.76	46.76	7.831e4	7.702e4	6.371e3	5.995e3	1.06	NO	1.237e4	62.380	62.380	0.570
8 PCB-185	47.44	47.44	1.674e4	1.647e4	1.371e3	1.233e3	1.11	NO	2.604e3	13.196	13.196	0.614
9 PCB-174	47.82	47.80	1.324e5	1.272e5	1.120e4	1.069e4	1.05	NO	2.189e4	115.17	115.17	0.637
10 PCB-177	48.08	48.08	7.940e4	6.832e4	6.415e3	5.524e3	1.16	NO	1.194e4	66.547	66.547	0.675
11 PCB-171	48.38	48.39	3.805e4	2.995e4	2.943e3	2.371e3	1.24	YES	5.313e3	0.00000	26.299	0.655
12 PCB-173	48.82	48.84	3.656e3	2.749e3	2.529e2	2.330e2	1.09	NO	4.859e2	2.9082	2.9082	0.725
13 PCB-172	49.30	49.30	2.095e4	1.879e4	1.726e3	1.556e3	1.11	NO	3.282e3	16.998	16.998	0.627
14 PCB-180	49.71	49.71	3.229e5	2.938e5	2.562e4	2.321e4	1.10	NO	4.883e4	246.32	246.32	0.611
15 PCB-193	49.92	49.92	2.301e4	1.972e4	1.776e3	1.555e3	1.14	NO	3.331e3	14.150	14.150	0.515
16 PCB-191	50.18	50.19	6.350e3	7.138e3	4.841e2	6.048e2	0.80	YES	1.089e3	0.00000	3.9359	0.504
17 PCB-170	51.38	51.38	1.073e5	1.100e5	8.535e3	8.388e3	1.02	NO	1.692e4	96.408	96.408	0.665
18 PCB-190	51.57	51.57	3.112e4	3.505e4	2.592e3	2.742e3	0.95	NO	5.334e3	22.995	22.995	0.503
19 PCB-189	53.11	53.10	6.189e3	6.095e3	4.343e2	4.647e2	0.93	NO	8.990e2	3.8531	3.8531	0.431

**4th Function Octa-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-202	48.61	48.59	1.150e4	1.207e4	8.717e2	9.835e2	0.89	NO	1.855e3	14.299	14.299	0.570
2 PCB-201	49.10	49.11	7.123e3	8.130e3	6.542e2	6.599e2	0.99	NO	1.314e3	11.240	11.240	0.632
3 PCB-197	49.57	49.56	3.360e3	1.370e3	2.259e2	1.130e2	2.00	YES	3.389e2	0.00000	1.6979	0.588
4 PCB-200	50.50	50.51	7.591e3	7.106e3	5.422e2	5.580e2	0.97	NO	1.100e3	9.2562	9.2562	0.622
5 PCB-198	52.08	52.06	3.630e3	2.086e3	2.601e2	1.630e2	1.60	YES	4.231e2	0.00000	3.4953	0.838
6 PCB-199	52.18	52.19	5.057e4	6.253e4	3.803e3	4.470e3	0.85	NO	8.272e3	92.045	92.045	0.822
7 PCB-196/203	52.50	52.52	5.824e4	6.367e4	4.322e3	4.645e3	0.93	NO	8.967e3	96.328	96.328	0.794



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

5th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-195	53.80	53.79	4.834e4	5.547e4	2.983e3	3.252e3	0.92	NO	6.235e3	26.703	26.703	0.456
2 PCB-194	54.72	54.72	1.285e5	1.661e5	7.369e3	9.248e3	0.80	NO	1.662e4	66.606	66.606	0.427
3 PCB-205	54.98	54.99	6.435e3	9.690e3	3.672e2	5.384e2	0.68	YES	9.056e2	0.00000	2.7052	0.369

Total Nona-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-208	53.96	53.96	2.941e4	1.993e4	1.681e3	1.207e3	1.39	NO	2.889e3	11.614	11.614	0.395
2 PCB-207	54.28	54.28	1.308e4	9.319e3	7.435e2	5.608e2	1.33	NO	1.304e3	5.3396	5.3396	0.402
3 PCB-206	56.25	56.25	8.042e4	5.883e4	4.704e3	3.416e3	1.38	NO	8.121e3	43.334	43.334	0.512

Deca-CB

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-209	57.48	57.50	7.060e4	5.352e4	3.671e3	2.960e3	1.24	NO	6.631e3	41.202	41.202	0.212

Total PCBs

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

Total Mono-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 13C-PCB-1	15.52	15.54	1.031e7	3.176e6	7.200e5	2.183e5	3.30	NO	9.382e5	1428.4		1.85
2 13C-PCB-3	18.17	18.20	1.349e7	4.268e6	7.888e5	2.488e5	3.17	NO	1.038e6	1549.4		1.81

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**Total Di-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.52	19.54	7.781e6	4.824e6	4.689e5	2.926e5	1.60	NO	7.615e5	1726.4		0.769
2	13C-PCB-9	21.35	21.36	1.209e7	7.820e6	7.540e5	4.806e5	1.57	NO	1.235e6	1732.0		0.476
3	13C-PCB-11	24.79	24.81	1.146e7	7.301e6	8.313e5	5.223e5	1.59	NO	1.354e6	1914.9		0.480
4	13C-PCB-15	25.51	25.53	1.382e7	8.494e6	8.972e5	5.592e5	1.60	NO	1.456e6	1981.0		0.461

**2nd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.76	23.77	4.101e6	3.923e6	2.649e5	2.553e5	1.04	NO	5.202e5	1418.4		8.84
2	13C-PCB-32	26.75	26.75	6.184e6	5.881e6	3.929e5	3.738e5	1.05	NO	7.666e5	1401.4		5.93

**3rd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.64	28.66	8.035e6	7.759e6	6.042e5	5.883e5	1.03	NO	1.193e6	1981.0		6.44
2	13C-PCB-28	28.77	28.77	8.106e6	7.902e6	6.034e5	5.851e5	1.03	NO	1.189e6	1855.2		6.05
3	13C-PCB-37	32.75	32.79	7.577e6	7.332e6	5.697e5	5.586e5	1.02	NO	1.128e6	1895.0		6.51

**Tetra-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.62	27.62	4.145e6	5.353e6	3.133e5	4.052e5	0.77	NO	7.185e5	1837.8		1.78
2	13C-PCB-52	31.26	31.26	3.379e6	4.437e6	2.601e5	3.397e5	0.77	NO	5.998e5	1906.6		2.22
3	13C-PCB-47	31.78	31.80	3.357e6	4.207e6	2.812e5	3.537e5	0.80	NO	6.350e5	1893.2		2.08
4	13C-PCB-70	35.41	35.41	4.225e6	5.310e6	3.275e5	4.170e5	0.79	NO	7.446e5	1911.4		1.79
5	13C-PCB-80	35.84	35.84	4.479e6	5.851e6	3.442e5	4.443e5	0.77	NO	7.885e5	1960.4		1.73
6	13C-PCB-60	36.66	36.68	4.382e6	5.573e6	3.416e5	4.333e5	0.79	NO	7.750e5	1981.0		1.78
7	13C-PCB-79	37.78	37.78	4.903e6	6.095e6	3.800e5	4.761e5	0.80	NO	8.561e5	2047.3		1.67
8	13C-PCB-81	39.04	39.04	4.440e6	5.470e6	3.424e5	4.247e5	0.81	NO	7.671e5	1984.7		1.81
9	13C-PCB-77	39.66	39.66	4.317e6	5.238e6	3.316e5	4.085e5	0.81	NO	7.401e5	1952.8		1.84

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

3rd Function Penta-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-104	32.46	32.47	3.278e6	1.918e6	2.478e5	1.441e5	1.72	NO	3.919e5	1914.0		1.30
13C-PCB-95	35.71	35.71	2.627e6	1.577e6	1.972e5	1.193e5	1.65	NO	3.165e5	1951.3		1.64
13C-PCB-101	37.46	37.46	2.551e6	1.562e6	1.957e5	1.199e5	1.63	NO	3.156e5	1976.7		1.67
13C-PCB-97	38.80	38.80	2.231e6	1.329e6	1.720e5	1.036e5	1.66	NO	2.757e5	1964.9		1.90
13C-PCB-111	39.23	39.25	3.177e6	2.037e6	2.458e5	1.532e5	1.60	NO	3.991e5	1981.0		1.32
13C-PCB-123	41.44	41.44	3.024e6	1.838e6	2.329e5	1.398e5	1.67	NO	3.727e5	1983.3		1.42
13C-PCB-118	41.63	41.63	3.130e6	1.834e6	2.467e5	1.414e5	1.74	NO	3.881e5	1954.7		1.34

4th Function Penta-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-114	42.30	42.31	5.661e6	3.624e6	4.581e5	2.880e5	1.59	NO	7.462e5	2165.8		1.16
13C-PCB-105	43.19	43.19	5.920e6	3.666e6	4.661e5	2.891e5	1.61	NO	7.552e5	2155.9		1.15
13C-PCB-127	43.55	43.56	6.084e6	3.810e6	4.846e5	3.059e5	1.58	NO	7.904e5	2183.9		1.11
13C-PCB-126	45.51	45.51	5.599e6	3.667e6	4.503e5	2.922e5	1.54	NO	7.425e5	2125.8		1.15

4th Function Hexa-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
13C-PCB-153	43.36	43.37	4.114e6	3.299e6	3.214e5	2.569e5	1.25	NO	5.782e5	1901.9		1.46
13C-PCB-141	44.13	44.12	3.461e6	2.624e6	2.792e5	2.124e5	1.31	NO	4.917e5	1956.9		1.77
13C-PCB-138	44.99	44.99	3.469e6	2.796e6	2.770e5	2.206e5	1.26	NO	4.975e5	1885.3		1.68
13C-PCB-159	46.32	46.32	4.140e6	3.195e6	3.369e5	2.577e5	1.31	NO	5.946e5	1854.3		1.39
13C-PCB-128	46.59	46.60	3.135e6	2.399e6	2.481e5	1.931e5	1.28	NO	4.413e5	1981.0		1.99
13C-PCB-167	47.02	47.02	4.110e6	3.307e6	3.370e5	2.706e5	1.25	NO	6.076e5	1893.9		1.38
13C-PCB-156	48.34	48.37	4.130e6	3.211e6	3.388e5	2.659e5	1.27	NO	6.047e5	1943.3		1.43
13C-PCB-157	48.63	48.63	4.243e6	3.276e6	3.388e5	2.638e5	1.28	NO	6.026e5	1936.4		1.43
13C-PCB-169	50.91	50.91	4.204e6	3.253e6	3.452e5	2.657e5	1.30	NO	6.109e5	2060.3		1.50



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-8.qld

Last Altered: Tuesday, June 16, 2020 3:48:35 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:51:05 PM Pacific Daylight Time

ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

5th Function Octa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	ny	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.72	54.70	3.731e6	4.212e6	2.087e5	2.342e5	0.89	NO	4.429e5	1970.1		1.68
2	13C-PCB-205	54.97	54.98	5.159e6	5.705e6	2.753e5	3.045e5	0.90	NO	5.799e5	1981.0		1.29

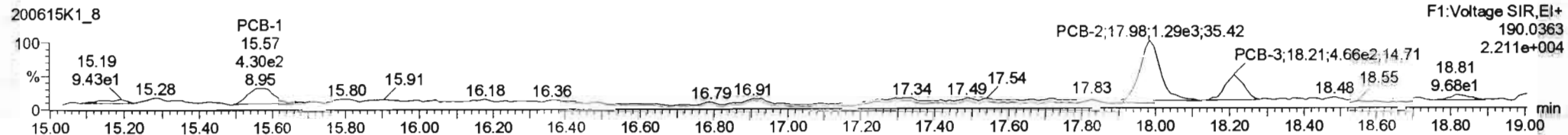
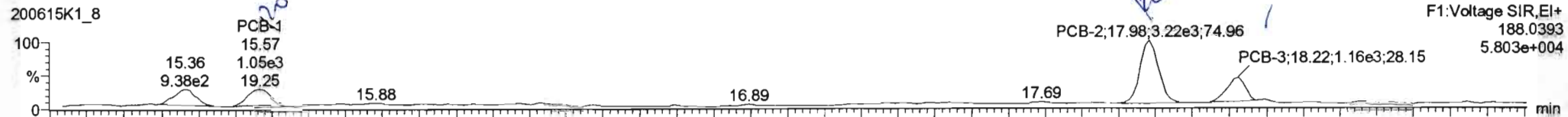
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

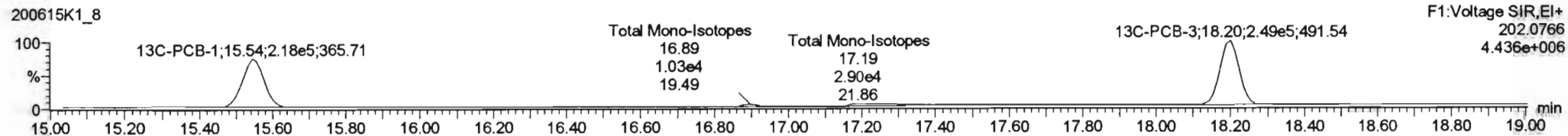
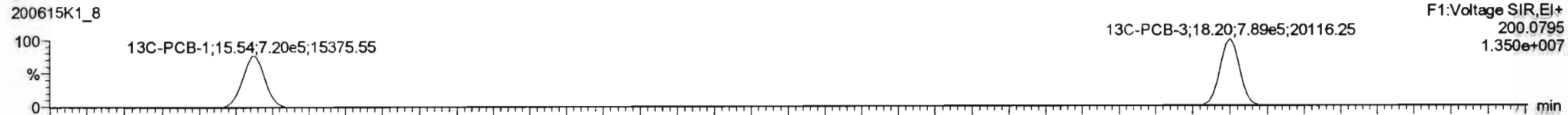
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

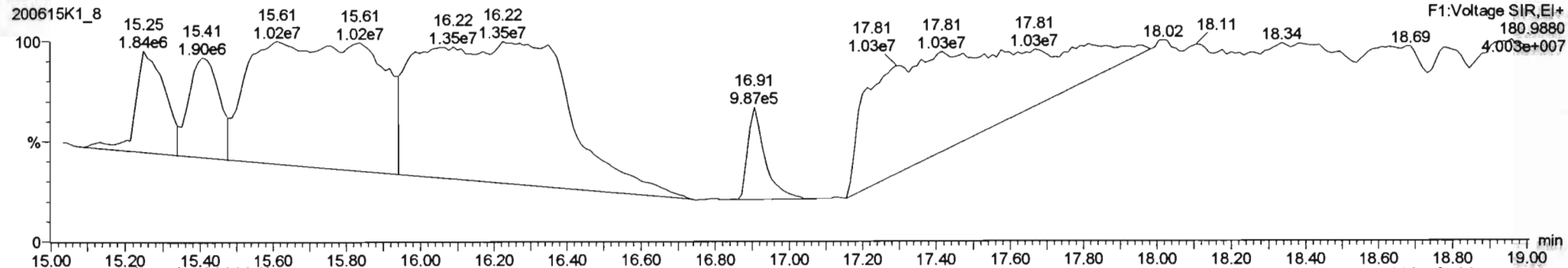
**PCB-1**



**13C-PCB-1**



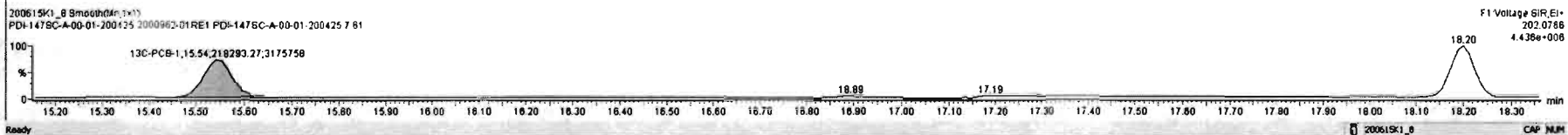
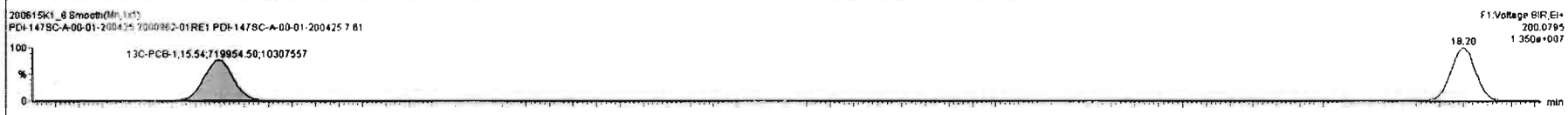
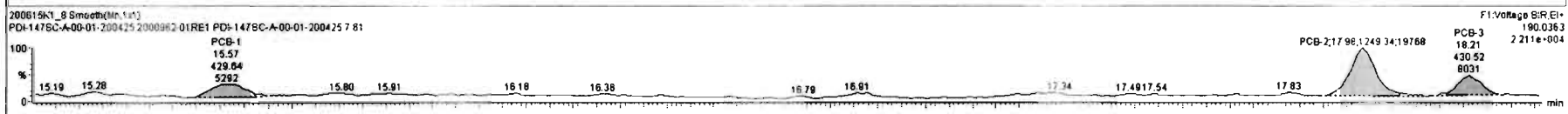
**PFK1**



200615K1\_8-200606241475C-A-00-01-200425761-PCB-1475C-A-00-01-200425761

#	Name	Resp	RA	n/y	RRF	wAval	Pred RT	RT	Pred R...	RRT	RR1 Fail	Conc.	%Rec	DL	EMPC
219	13C-PCB-205	5.80e5	0.90	NO	1.0000	5.048	54.97	54.98	1.000	0.000	NO	1991	100	1.29	
220	13C-PCB-79	8.56e5	0.80	NO	1.0699	5.048	37.78	37.78	1.030	1.030	NO	2047	103	1.67	
221	13C-PCB-178	2.77e5	0.46	NO	0.7695	5.048	45.88	45.87	0.988	0.988	NO	1625	82.0	1.52	
222	13C-PCB-79	8.56e5	0.80	NO	1.0821	5.048	37.78	37.78	0.988	0.988	NO	2043	103	1.85	
223	13C-PCB-178	2.77e5	0.46	NO	1.0508	5.048	45.87	45.87	0.923	0.923	NO	1890	94.8	1.83	
224	Total Mono-PCBs				1.1685	5.048	0.00		0.000			2.788		0.816	12.18
225	Total Di-PCBs				1.0537	5.048	0.00		0.000			77.28		6.50	81.83
226	2nd Function Tri-PCBs				1.0807	5.048	0.00		0.000			104.1		4.80	104.1
227	3rd Function Tri-PCBs				0.9828	5.048	0.00		0.000			227.5		9.21	227.5

#	Name	Pred RT	RT	m1 Resp	m2 Resp	I <sup>2</sup> Ratio (Pred)	RA	n/y	EMPC	Conc.
1	PCB-1	15.55	15.57	1.050e3	4.296e2	3.130	2.44	YES	2.5044	0.00000
2	PCB-2	17.98	17.99	3.225e3	1.249e3	3.130	2.58	YES	6.8679	0.00000
3	PCB-3	18.21	18.22	1.245e3	4.305e2	3.130	2.89	NO	2.7861	2.7861



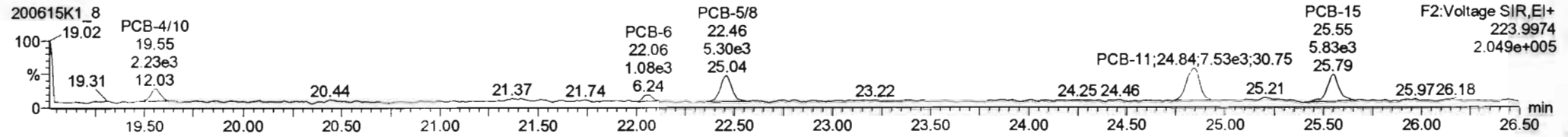
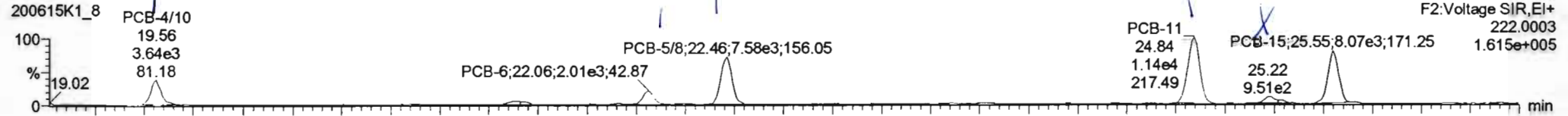
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

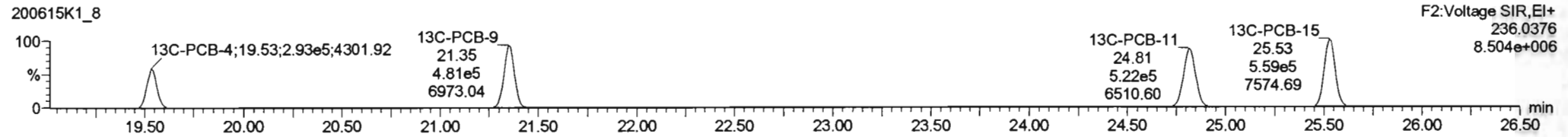
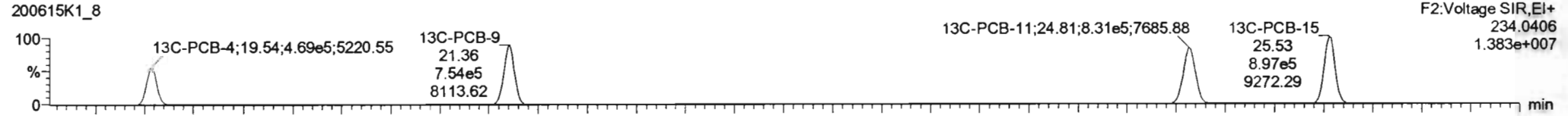
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

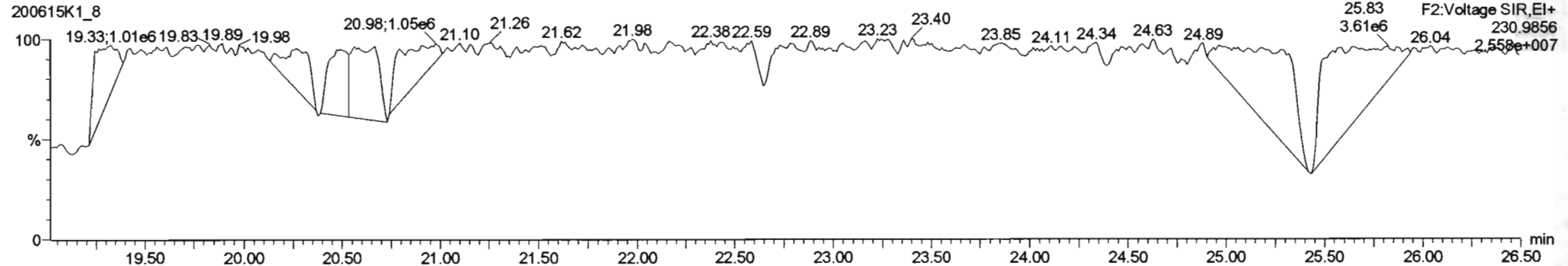
**PCB-4/10**



**13C-PCB-4**



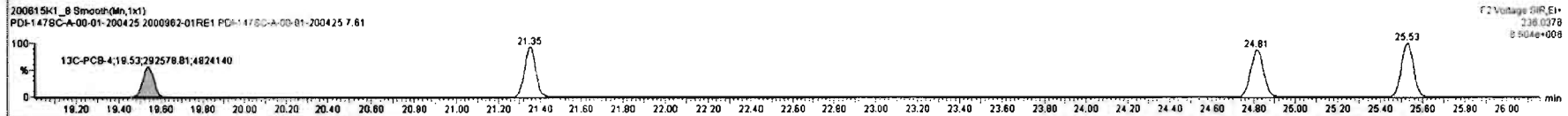
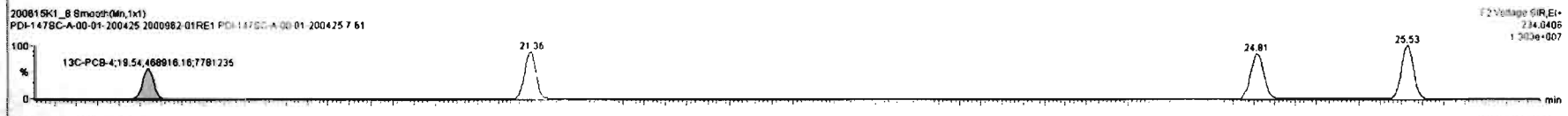
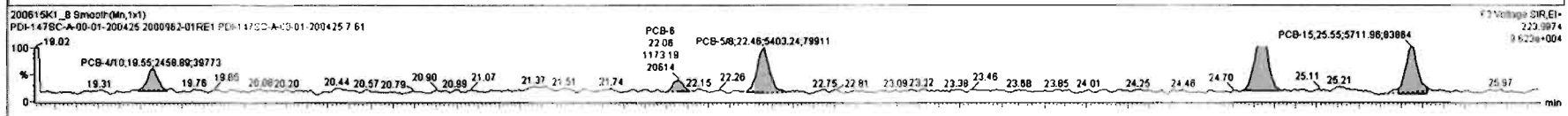
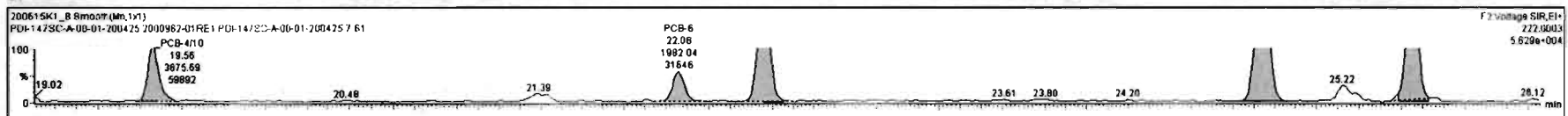
**PFK2a**



#	Name	Resp	RA	n/y	RPF	wt/Vol	Pred RT	RT	Pred RT	RT	RRT Fail	Conc	%Rec	DL	EMPC
219	13C-PCB-205	5.80e5	0.80	NO	1.0000	5.046	54.97	54.98	1.000	0.000	NO	1981	100	1.28	
220	13C-PCB-79	8.58e5	0.80	NO	1.0688	5.046	37.78	37.78	1.030	1.030	NO	2047	103	1.67	
221	13C-PCB-178	2.77e5	0.46	NO	0.7665	5.046	45.88	45.87	0.988	0.988	NO	1625	82.0	1.52	
222	13C-PCB-79	8.58e5	0.80	NO	1.0821	5.046	37.78	37.78	0.988	0.988	NO	2043	103	1.65	
223	13C-PCB-178	2.77e5	0.46	NO	1.0508	5.046	45.87	45.87	0.923	0.923	NO	1880	94.8	1.83	
224	224 Total Mono-PCBs				1.1665	5.046	0.00		0.000		NO	2.786		0.818	12.18
225	225 Total Di-PCBs				1.0537	5.046	0.00		0.000		NO	82.88		6.50	82.88
226	226 2nd Function Tri-PCBs				1.0807	5.046	0.00		0.000		NO	104.1		4.50	104.1
227	227 3rd Function Tri-PCBs				0.9828	5.046	0.00		0.000		NO	227.5		9.21	227.5

#	Name	Pred RT	RT	net Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	4 PCB-410	19.62	19.58	3.676e3	2.459e3	1.580	1.48	NO	12.787	12.787
2	6 PCB-6	22.07	22.08	1.982e3	1.173e3	1.580	1.68	NO	4.9461	4.9461
3	7 PCB-58	22.48	22.46	7.561e3	5.403e3	1.580	1.40	NO	20.959	20.959
4	9 PCB-11	24.83	24.84	1.138e4	7.528e3	1.580	1.51	NO	24.572	24.572
5	11 PCB-15	25.58	25.55	8.167e3	5.712e3	1.580	1.43	NO	19.629	19.629



Dataset: Untitled

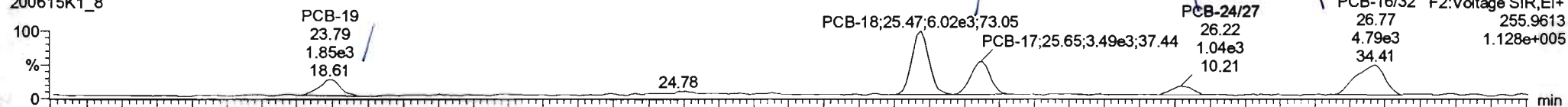
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

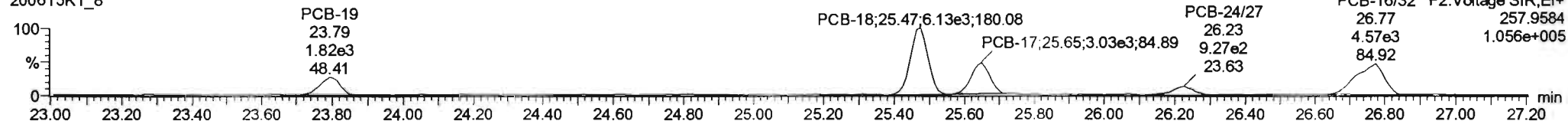
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-19**

200615K1\_8

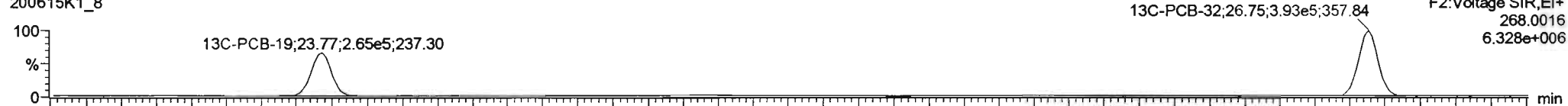


200615K1\_8

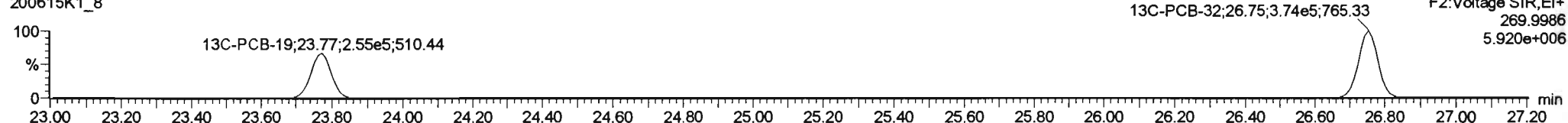


**13C-PCB-19**

200615K1\_8

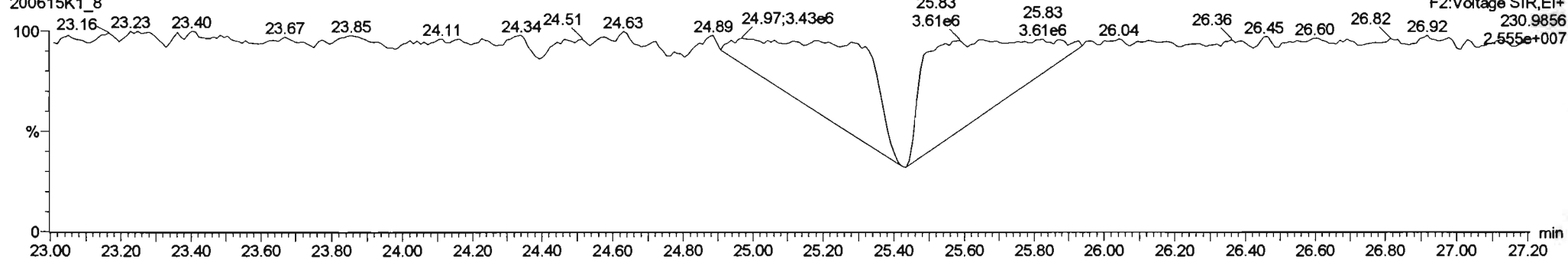


200615K1\_8



**PFK2b**

200615K1\_8



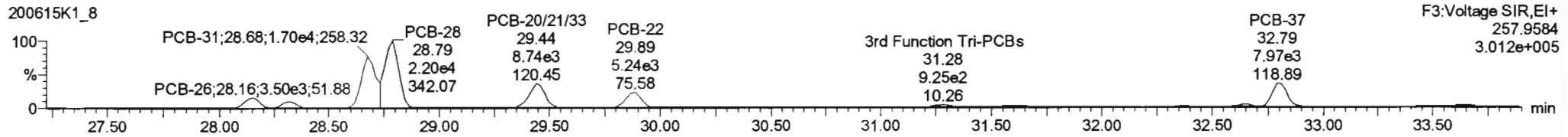
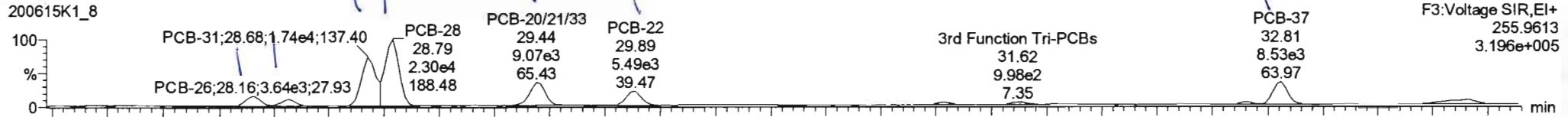


Dataset: Untitled

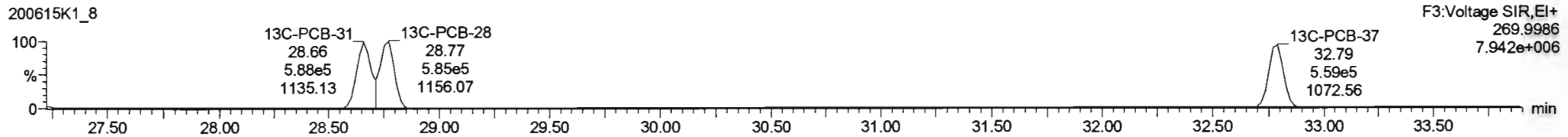
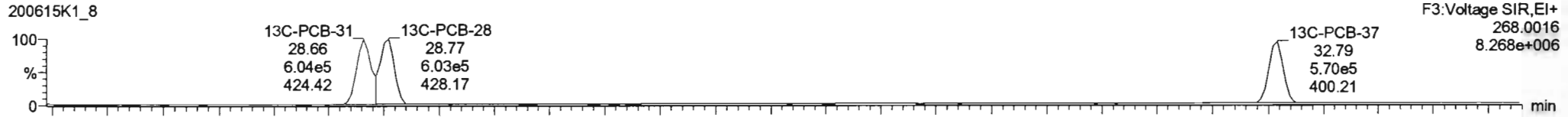
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

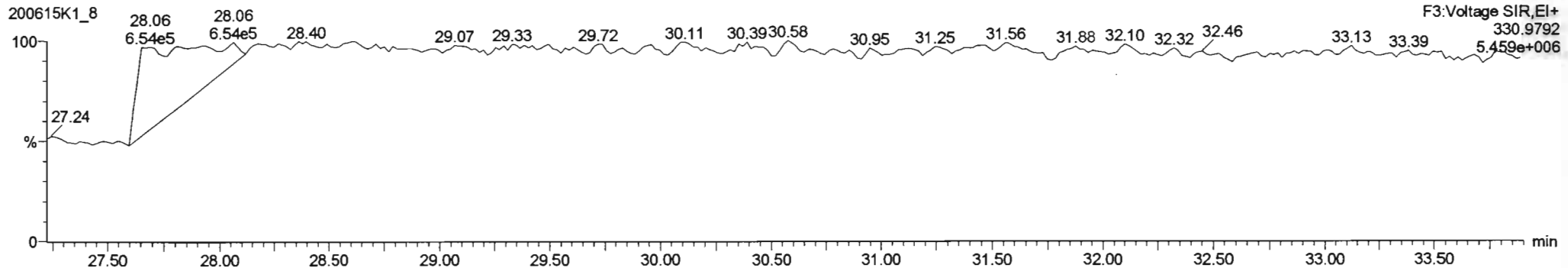
**PCB-34**



**13C-PCB-28**

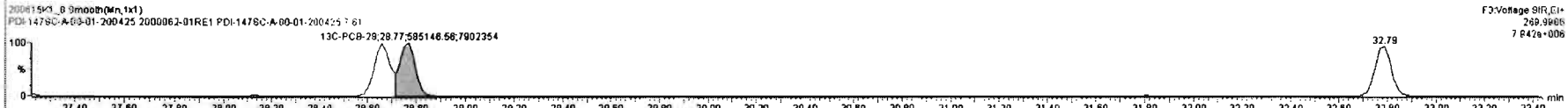
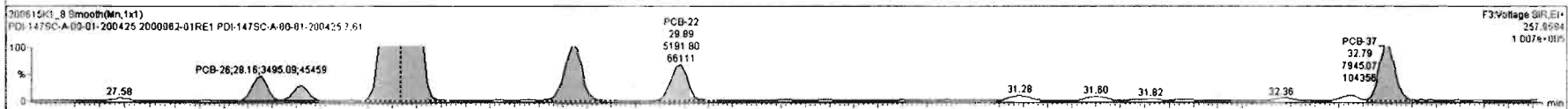
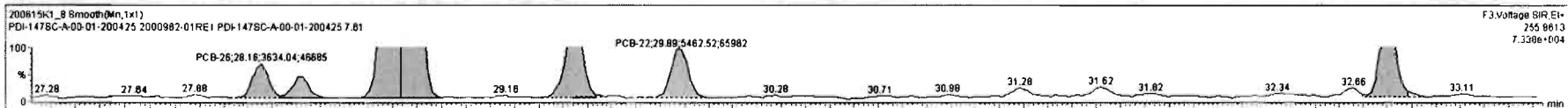


**PFK3d**



#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
219	13C-PCB-205	5.90e5	0.90	NO	1.0000	5.048	54.97	54.98	1.000	0.000	NO	1991	100	1.26	
220	230-PCB-79	8.55e5	0.80	NO	1.0699	5.048	37.78	37.78	1.030	1.030	NO	2047	103	1.87	
221	13C-PCB-178	2.77e5	0.46	NO	0.7885	5.048	45.88	45.87	0.988	0.988	NO	1625	82.0	1.52	
222	230-PCB-79	8.55e5	0.80	NO	1.0621	5.048	37.78	37.78	0.968	0.968	NO	2043	103	1.85	
223	13C-PCB-178	2.77e5	0.46	NO	1.0508	5.048	45.87	45.87	0.923	0.923	NO	1880	94.9	1.83	
224	Total Mono-PCBs				1.1665	5.048	0.00	0.000			NO	2.786		0.818	12.16
225	Total Di-PCBs				1.0537	5.048	0.00	0.000			NO	82.80		6.50	82.80
226	2nd Function Tri-PCBs				1.0807	5.048	0.00	0.000			NO	104.1		4.50	104.1
227	3rd Function Tri-PCBs				0.9626	5.048	0.00	0.000			NO	227.0		9.21	227.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	* Ratio (Prec)	RA	nly	EMPC	Conc.
1	21 PCB-26	28.16	28.16	3.634e3	3.485e3	1.040	1.04	NO	12.588	12.588
2	22 PCB-25	28.31	28.31	2.419e3	2.089e3	1.040	1.17	NO	7.8723	7.8723
3	23 PCB-31	28.68	28.68	1.738e4	1.688e4	1.040	1.02	NO	55.223	55.223
4	24 PCB-28	28.79	28.79	2.302e4	2.195e4	1.040	1.05	NO	73.122	73.122
5	25 PCB-202103	28.43	28.44	9.234e3	8.712e3	1.040	1.06	NO	31.777	31.777
6	26 PCB-22	28.87	28.89	5.483e3	5.192e3	1.040	1.05	NO	18.253	18.253
7	31 PCB-37	32.81	32.81	8.262e3	7.945e3	1.040	1.04	NO	28.199	28.199





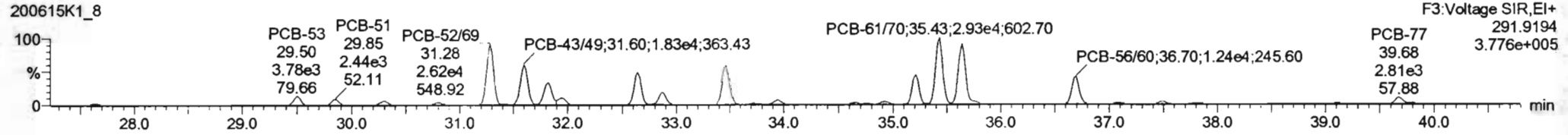
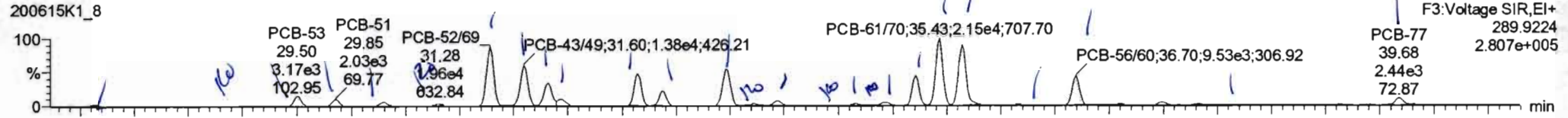
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

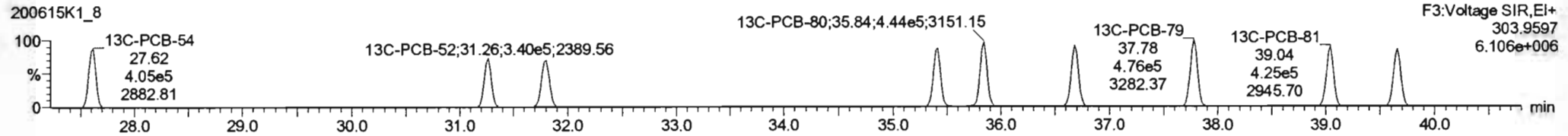
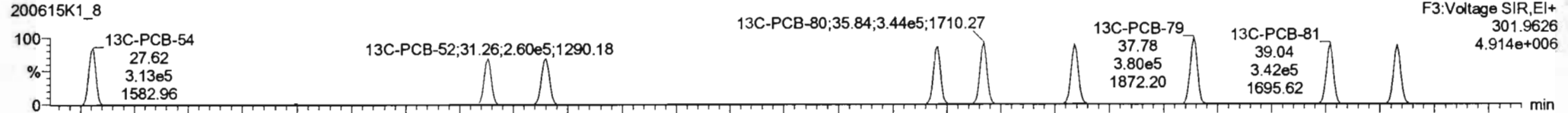
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

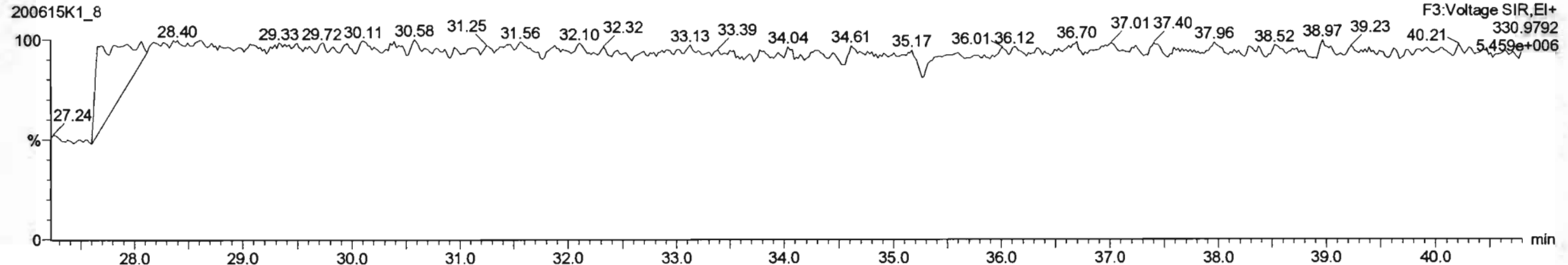
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

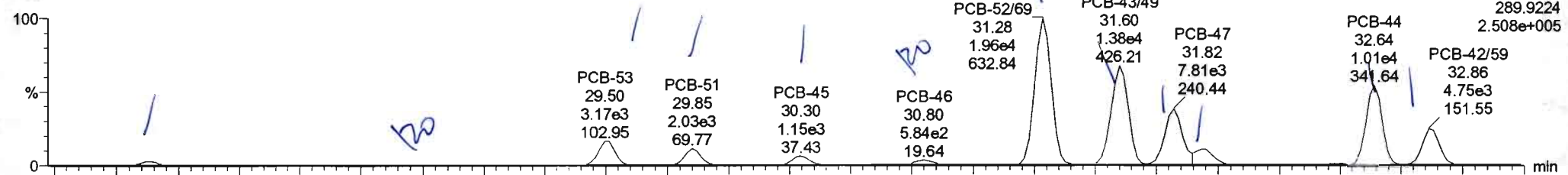
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

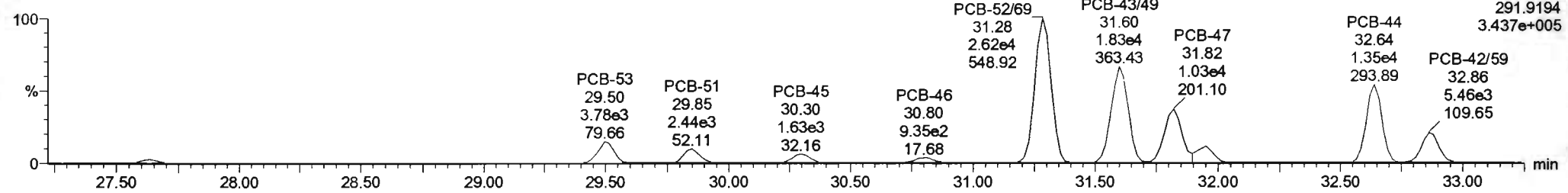
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-50**

200615K1\_8

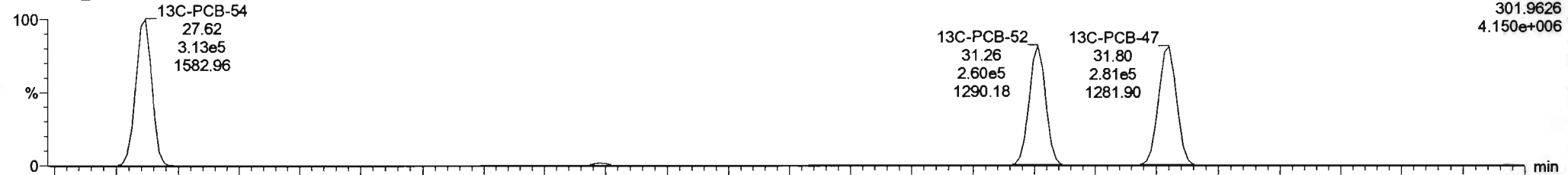


200615K1\_8

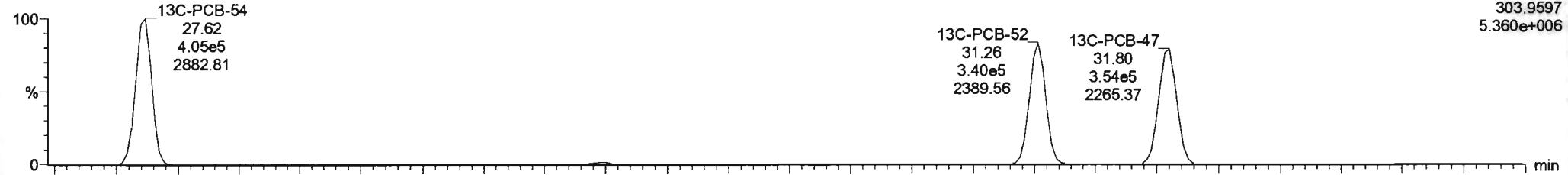


**13C-PCB-52**

200615K1\_8

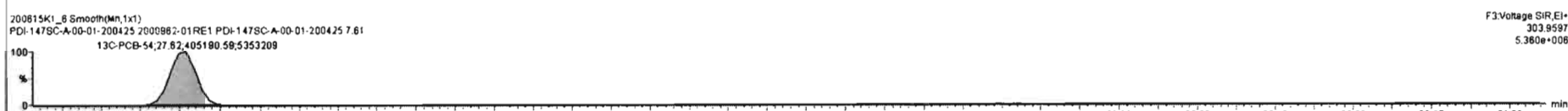
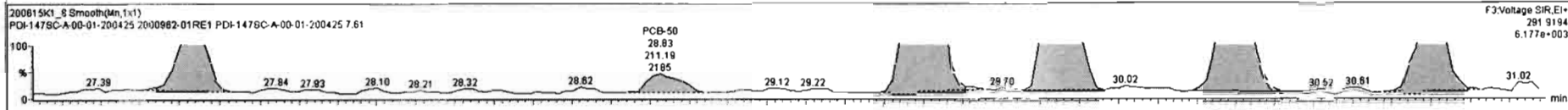
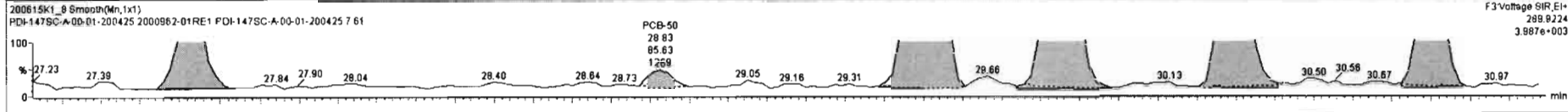


200615K1\_8



#	Name	Resp	RA	n/y	RRF	wAveI	PredRT	RT	Pred.R.	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
219	13C-PCB-205	5.80e5	0.90	NO	1.0000	5.048	54.97	54.98	1.000	0.000	NO	1981	100	1.29	
220	13C-PCB-79	8.58e5	0.80	NO	1.0699	5.048	37.78	37.78	1.030	1.030	NO	2047	103	1.87	
221	13C-PCB-178	2.77e5	0.48	NO	0.7885	5.048	45.88	45.87	0.989	0.988	NO	1625	82.0	1.52	
222	13C-PCB-79	8.56e5	0.80	NO	1.0821	5.048	37.78	37.78	0.969	0.968	NO	2043	103	1.85	
223	13C-PCB-178	2.77e5	0.48	NO	1.0508	5.048	45.87	45.87	0.923	0.923	NO	1980	94.9	1.83	
224	Total Mono-PCBs				1.1665	5.048	0.00		0.000		NO	2.786		0.818	12.16
225	Total Di-PCBs				1.0537	5.048	0.00		0.000		NO	82.89		6.50	82.89
226	2nd Function Tri-PCBs				1.0607	5.048	0.00		0.000		NO	104.1		4.50	104.1
227	3rd Function Tri-PCBs				0.9828	5.048	0.00		0.000		NO	227.0		9.21	227.0

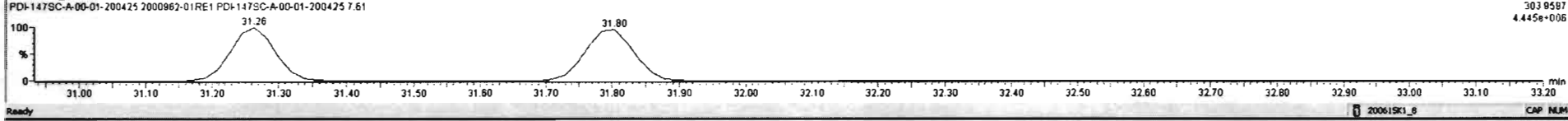
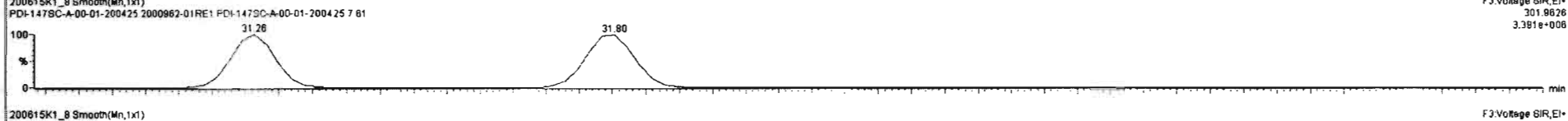
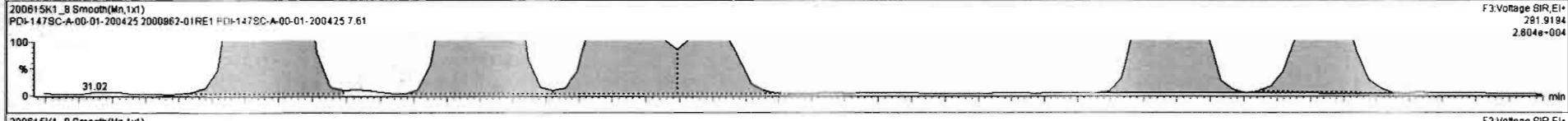
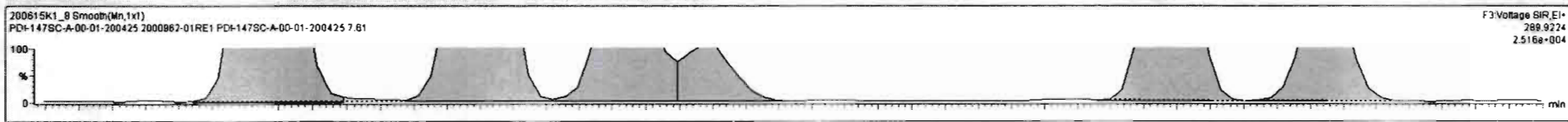
#	Name	PredRT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.64	27.64	5.001e2	8.605e2	0.770	0.76	NO	2.9635	2.9635
2	33 PCB-50	28.83	28.83	8.563e1	2.112e2	0.770	0.41	YES	0.81705	0.00000
3	34 PCB-53	29.51	29.50	3.182e3	3.803e3	0.770	0.84	NO	23.144	23.144
4	35 PCB-51	29.85	29.85	2.066e3	2.455e3	0.770	0.84	NO	14.017	14.017
5	36 PCB-45	30.30	30.30	1.170e3	1.833e3	0.770	0.72	NO	10.783	10.783
6	37 PCB-48	30.80	30.80	6.024e2	9.264e2	0.770	0.64	YES	5.5048	0.00000
7	38 PCB-S269	31.30	31.28	1.948e4	2.822e4	0.770	0.74	NO	129.38	129.38
8	40 PCB-4348	31.58	31.60	1.264e4	1.832e4	0.770	0.76	NO	104.52	104.52



200615K1\_8 - 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61 - PDI-147SC-A-00-01-200425

#	Name	Resp	RA	nly	RRF	wt/ct	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
219	219 13C-PCB-205	5.80e5	0.90	NO	1.0000	5.048	54.97	54.98	1.000	0.000	NO	1981	100	1.28	
220	220 13C-PCB-79	8.58e5	0.80	NO	1.0699	5.048	37.78	37.78	1.030	1.030	NO	2047	103	1.67	
221	221 13C-PCB-178	2.77e5	0.46	NO	0.7665	5.048	45.88	45.87	0.988	0.988	NO	1625	82.0	1.52	
222	222 13C-PCB-79	8.58e5	0.80	NO	1.0821	5.048	37.78	37.78	0.968	0.968	NO	2043	103	1.65	
223	223 13C-PCB-178	2.77e5	0.46	NO	1.0508	5.048	45.87	45.87	0.923	0.923	NO	1880	94.9	1.83	
224	224 Total Mono-PCBs				1.1665	5.048	0.00	0.000	0.000	0.000	NO	2.786		0.818	12.16
225	225 Total DL-PCBs				1.0537	5.048	0.00	0.000	0.000	0.000	NO	82.88		6.50	82.89
226	226 2nd Function Tri-PCBs				1.0807	5.048	0.00	0.000	0.000	0.000	NO	104.1		4.50	104.1
227	227 3rd Function Tri-PCBs				0.9828	5.048	0.00	0.000	0.000	0.000	NO	227.0		9.21	227.0

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.84	27.84	5.001e2	8.805e2	0.770	0.78	NO	2.9635	2.9635
2	33 PCB-50	28.83	28.83	8.563e1	2.112e2	0.770	0.41	YES	0.81705	0.00000
3	34 PCB-53	28.51	28.50	3.182e3	3.803e3	0.770	0.84	NO	23.144	23.144
4	35 PCB-51	29.85	29.85	2.068e3	2.455e3	0.770	0.84	NO	14.017	14.017
5	36 PCB-45	30.30	30.30	1.170e3	1.633e3	0.770	0.72	NO	10.783	10.783
6	37 PCB-46	30.80	30.80	8.024e2	9.364e2	0.770	0.84	YES	5.5048	0.00000
7	38 PCB-52/68	31.30	31.28	1.848e4	2.622e4	0.770	0.74	NO	129.38	129.38
8	40 PCB-43/48	31.58	31.80	1.384e4	1.832e4	0.770	0.78	NO	104.52	104.52



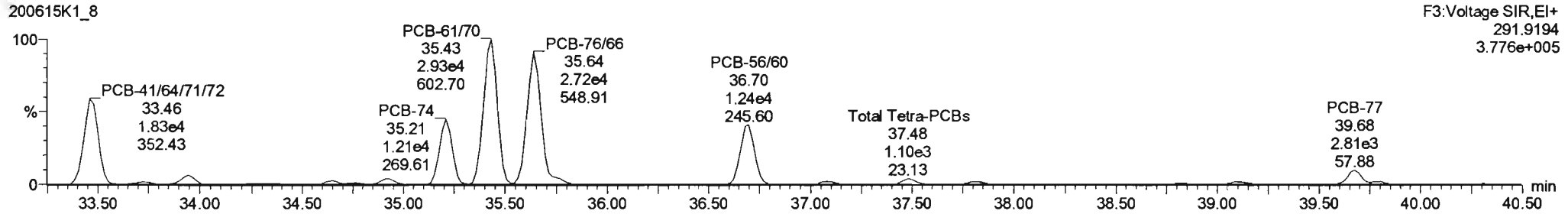
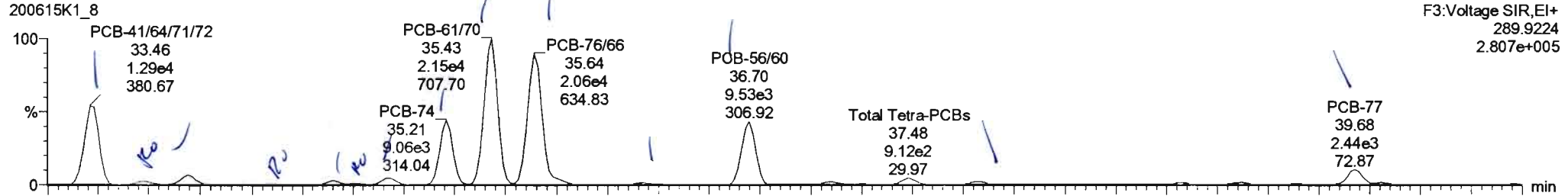


Dataset: Untitled

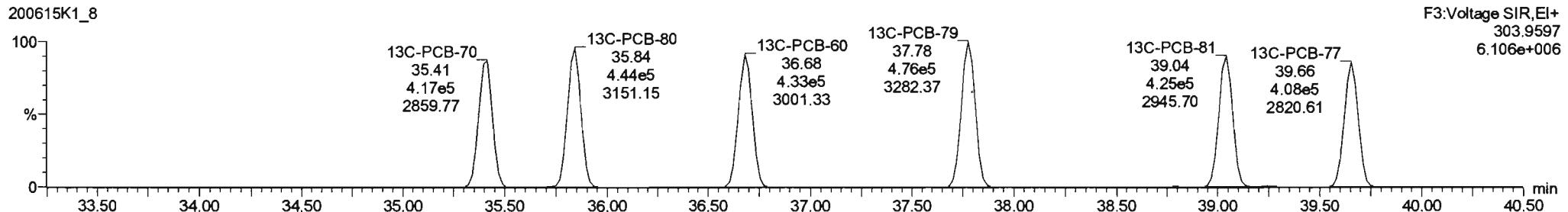
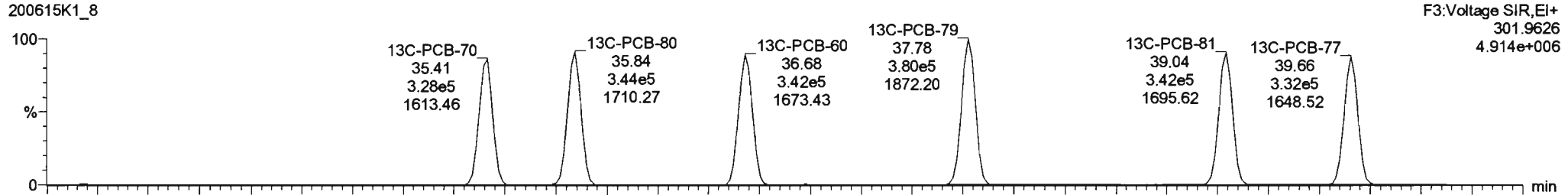
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

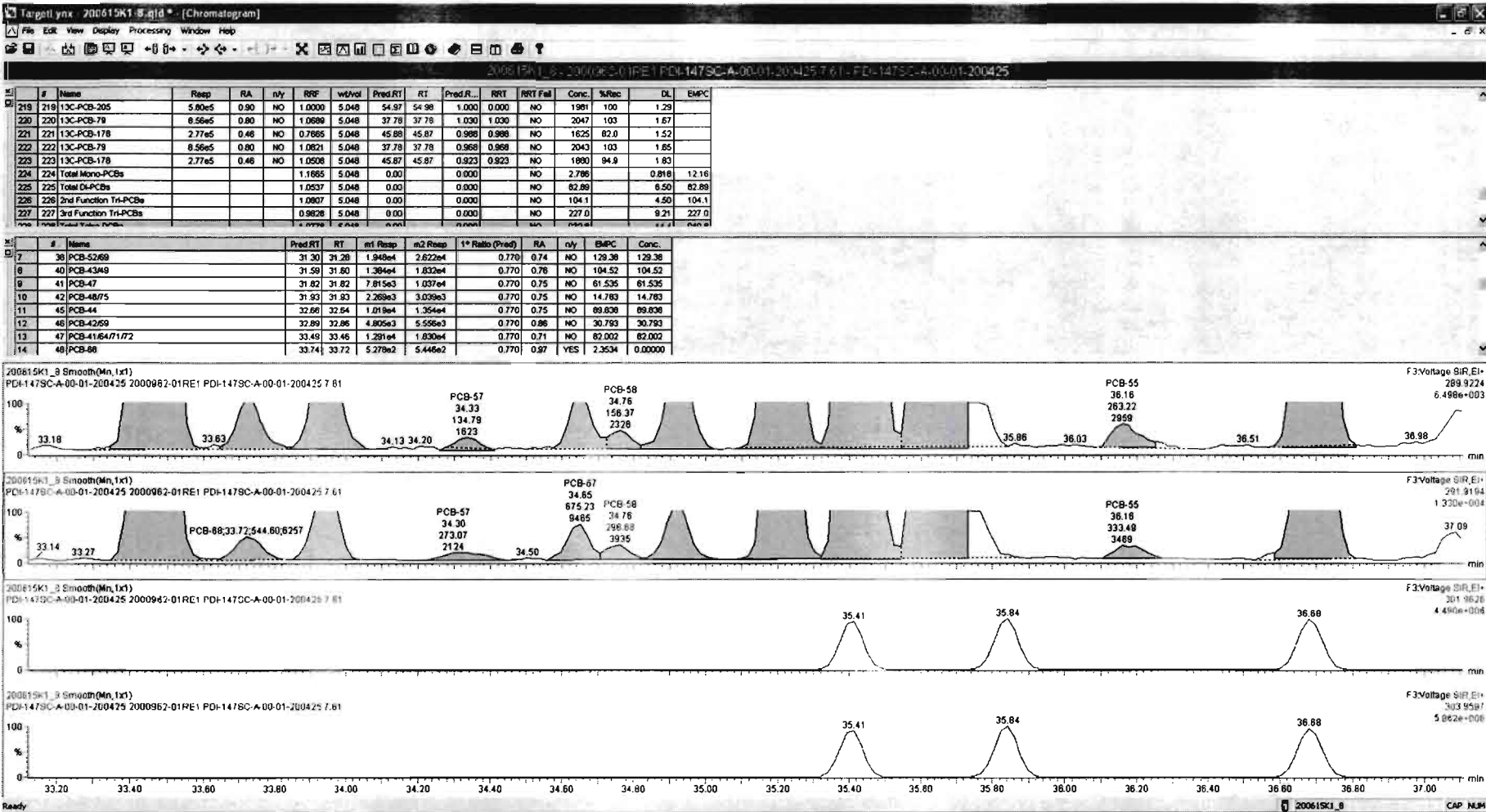
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

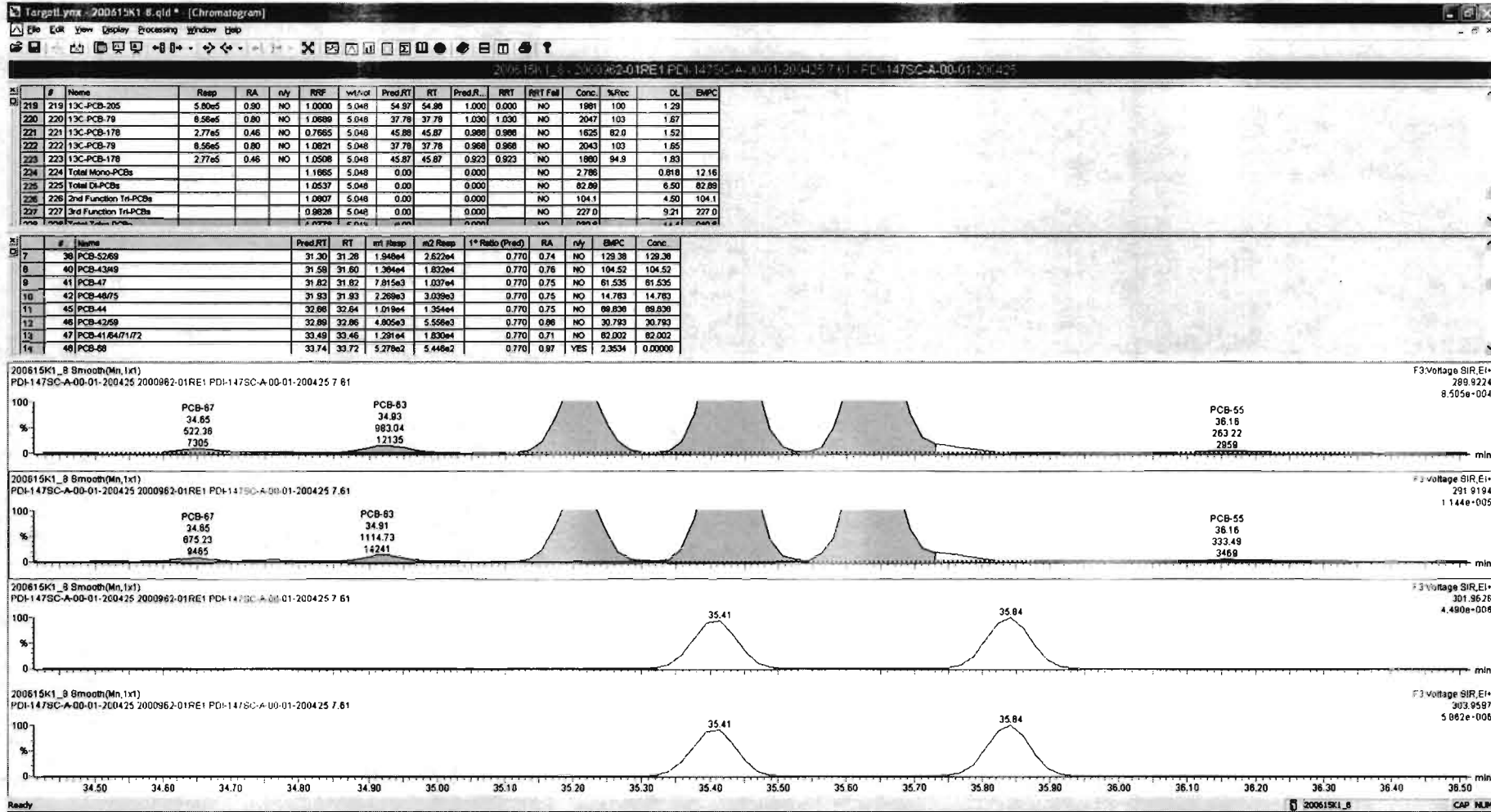
**PCB-68**

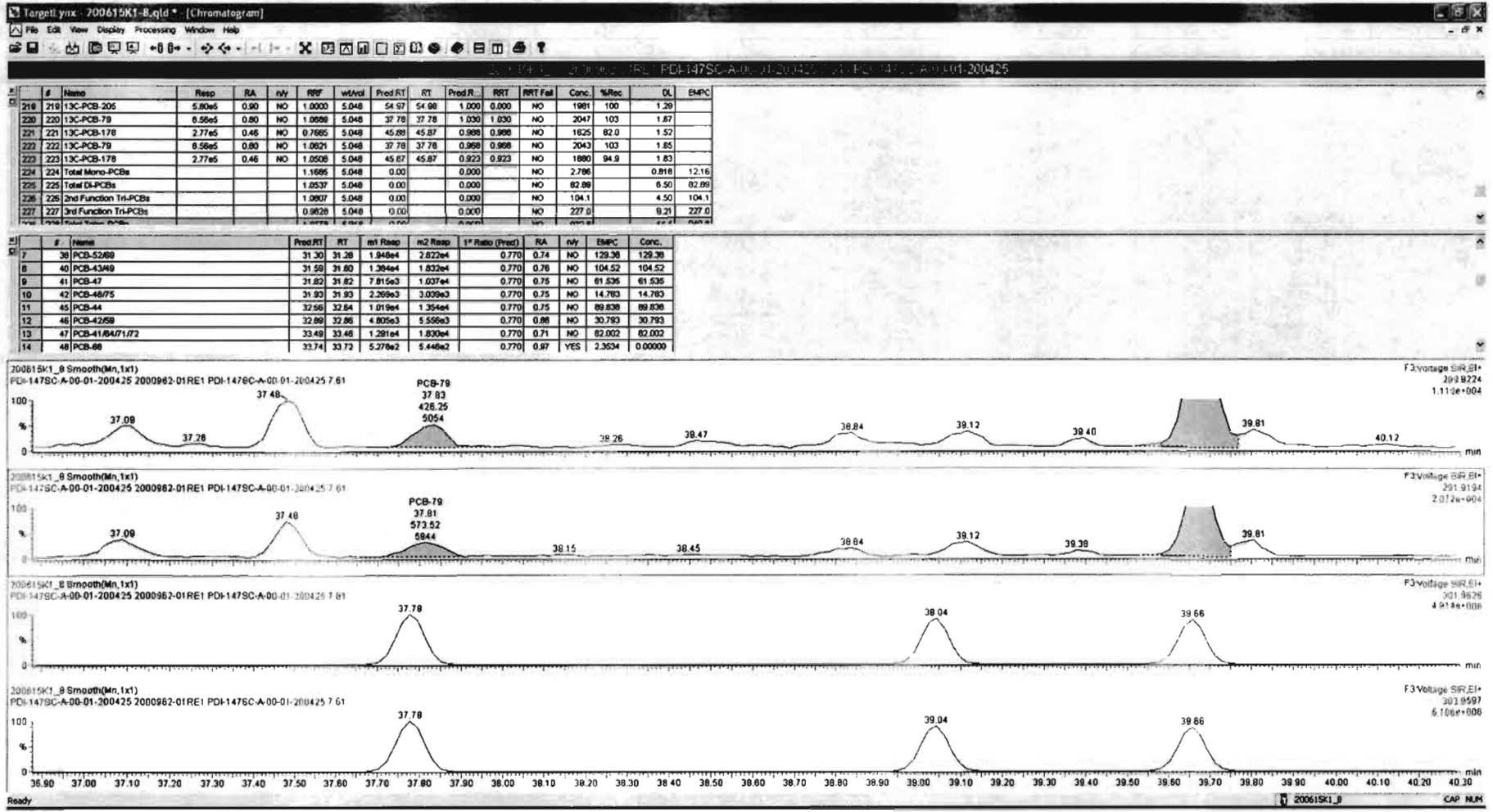


**13C-PCB-60**











Dataset: Untitled

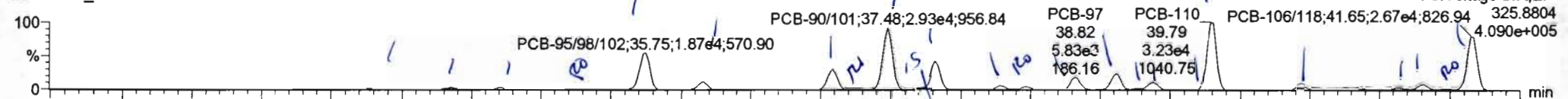
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

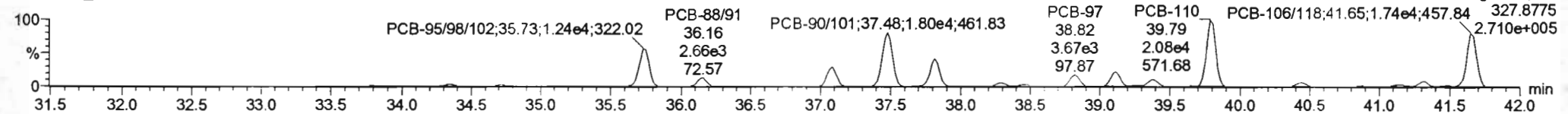
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-104**

200615K1\_8

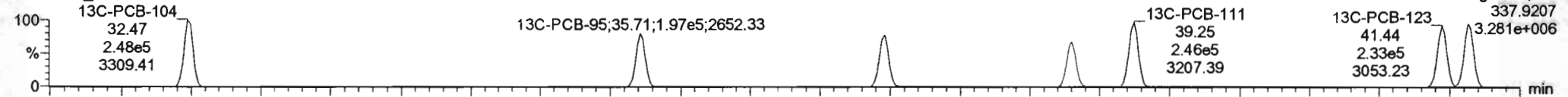


200615K1\_8

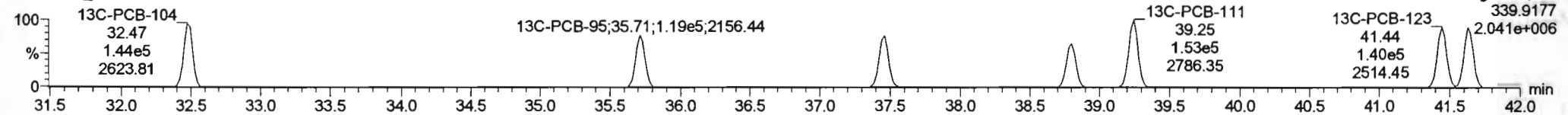


**13C-PCB-104**

200615K1\_8

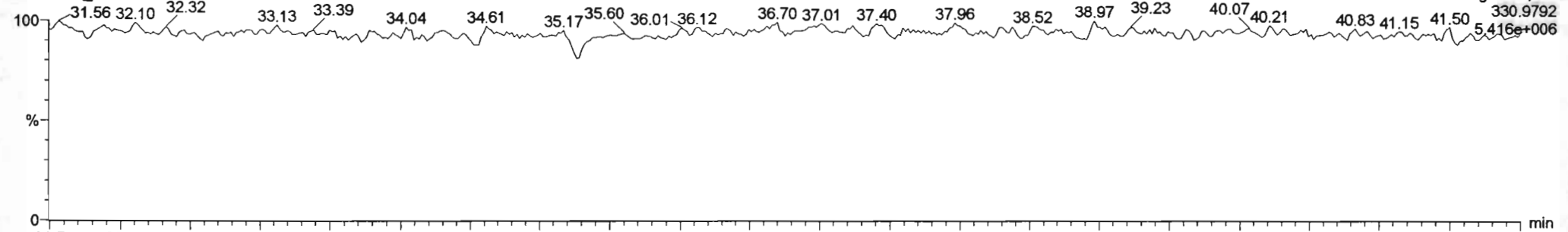


200615K1\_8



**PFK3b**

200615K1\_8



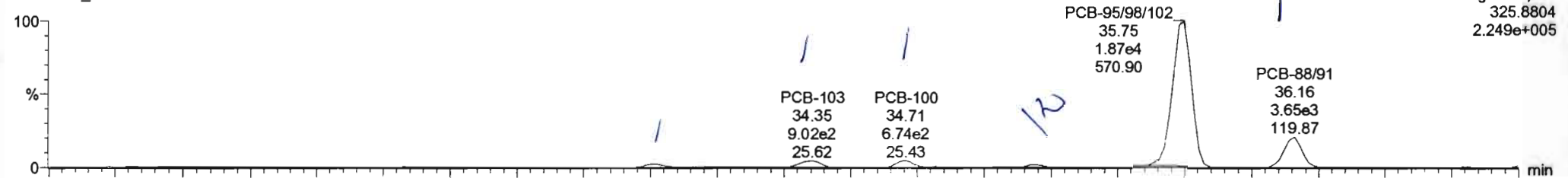
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

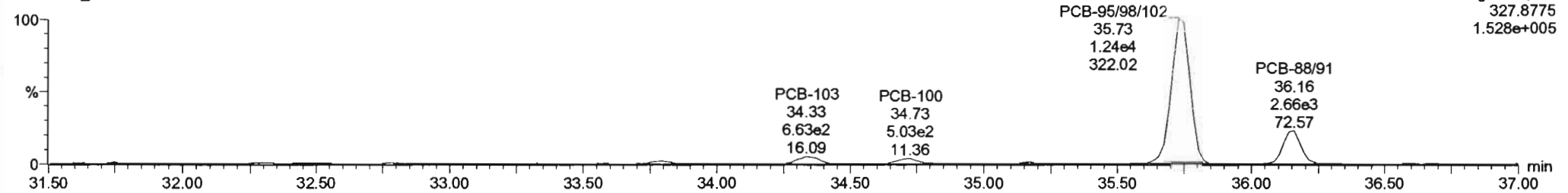
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-96**

200615K1\_8

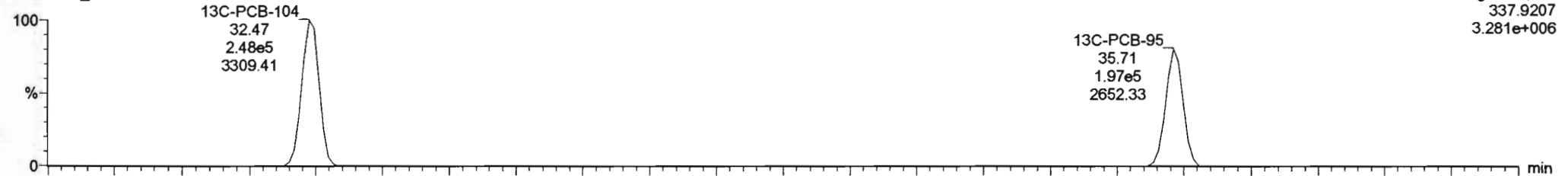


200615K1\_8

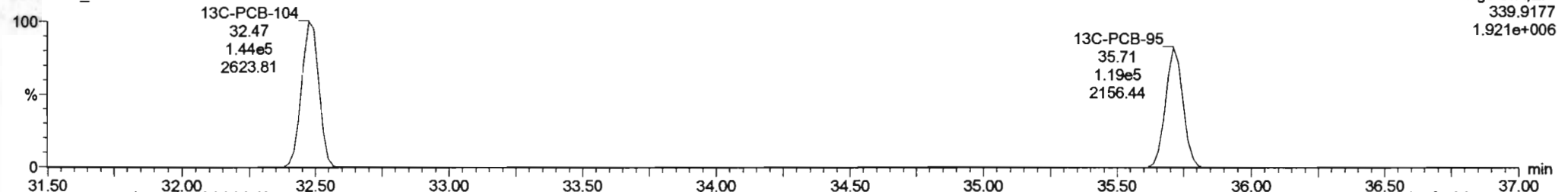


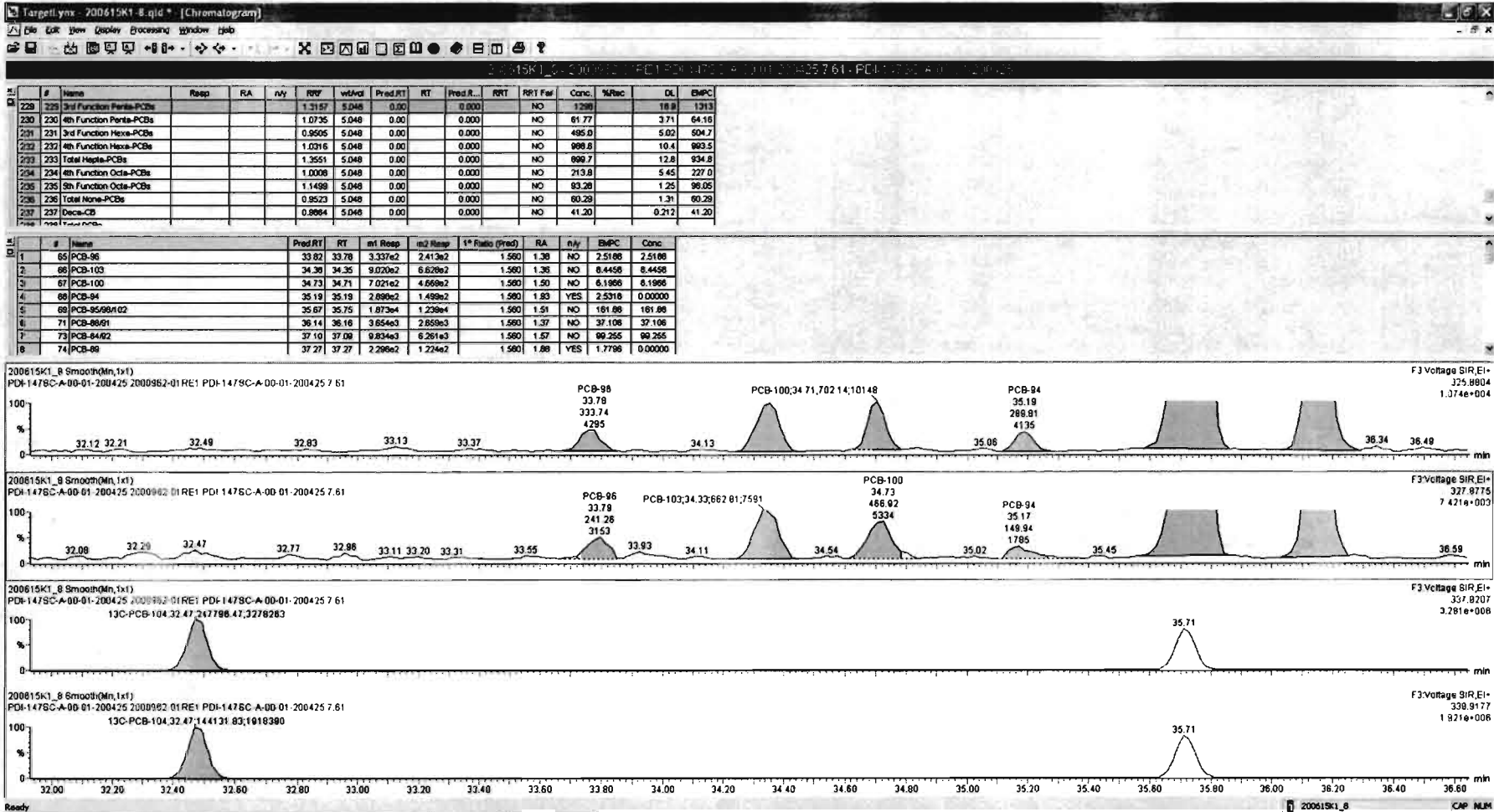
**13C-PCB-95**

200615K1\_8



200615K1\_8





Dataset: Untitled

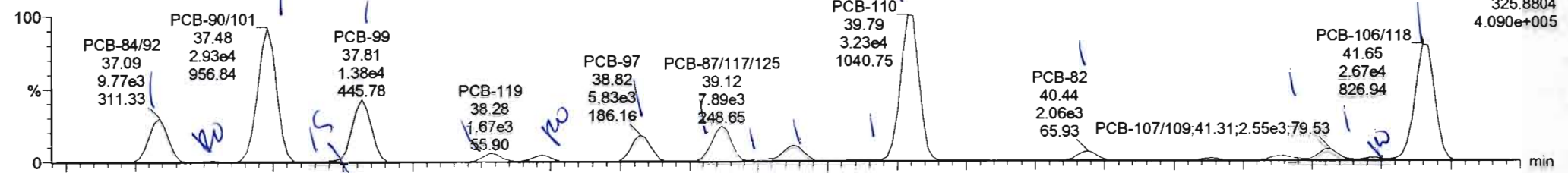
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

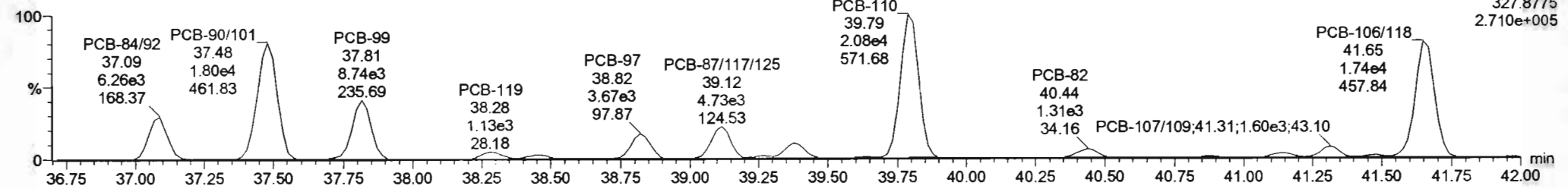
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-119**

200615K1\_8

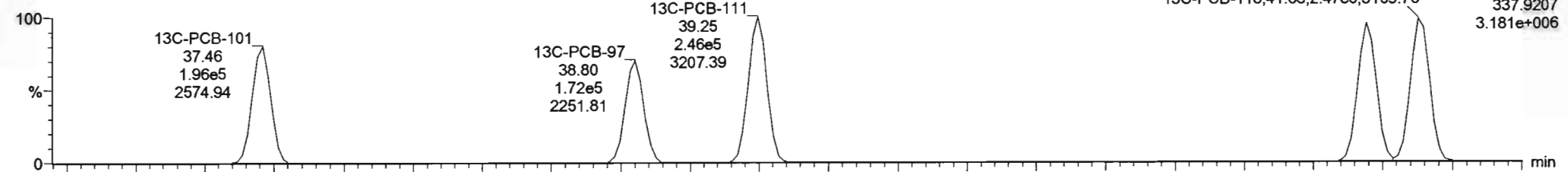


200615K1\_8

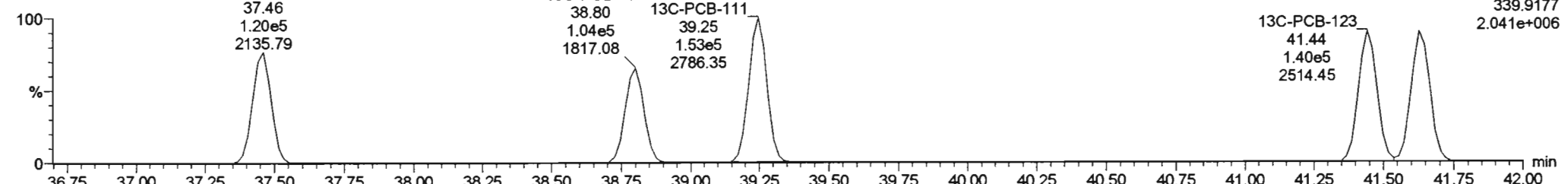


**13C-PCB-111**

200615K1\_8



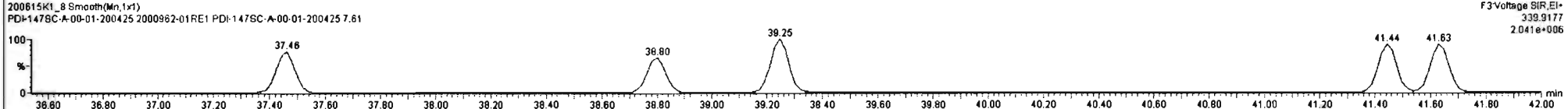
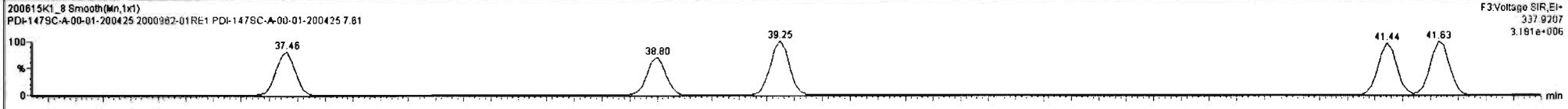
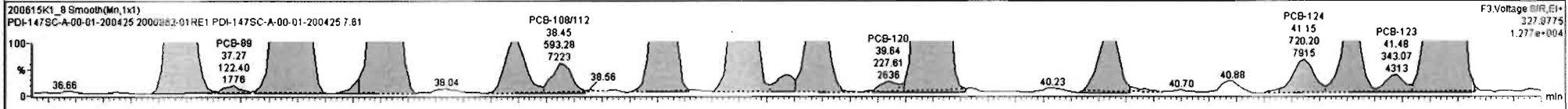
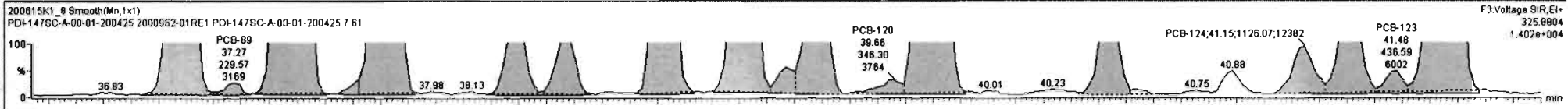
200615K1\_8



#	Name	Resp	RA	n/y	RRF	WAVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DI	EMPC
229	3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000		NO	1.290		16.9	1313
230	4th Function Penta-PCBs				1.0735	5.048	0.00		0.000		NO	61.77		3.71	64.16
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00		0.000		NO	495.0		5.02	504.7
232	4th Function Hexa-PCBs				1.0316	5.048	0.00		0.000		NO	988.6		10.4	983.5
233	Total Hepta-PCBs				1.3551	5.048	0.00		0.000		NO	899.7		12.8	934.8
234	4th Function Octa-PCBs				1.0008	5.048	0.00		0.000		NO	213.8		5.45	227.0
235	5th Function Octa-PCBs				1.1489	5.048	0.00		0.000		NO	93.28		1.25	96.05
236	Total Nona-PCBs				0.9523	5.048	0.00		0.000		NO	60.29		1.31	60.29
237	Deca-CB				0.9864	5.048	0.00		0.000		NO	41.20		0.212	41.20

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
65	PCB-98	33.82	33.78	3.337e2	2.413e2	1.560	1.38	NO	2.5188	2.5188
66	PCB-103	34.38	34.35	9.020e2	6.828e2	1.560	1.36	NO	8.4458	8.4458
67	PCB-100	34.73	34.71	7.021e2	4.688e2	1.560	1.50	NO	6.1966	6.1966
68	PCB-94	35.19	35.19	2.898e2	1.499e2	1.560	1.93	YES	2.5318	0.00000
69	PCB-95/98/102	35.67	35.75	1.873e4	1.239e4	1.560	1.51	NO	161.68	161.68
71	PCB-88/91	36.14	36.16	3.854e3	2.859e3	1.560	1.37	NO	37.106	37.106
73	PCB-84/82	37.10	37.09	8.834e3	6.261e3	1.560	1.57	NO	99.255	99.255
74	PCB-89	37.27	37.27	2.286e2	1.224e2	1.560	1.88	YES	1.7796	0.00000



Ready 200615K1\_8 CAP NUM



Dataset: Untitled

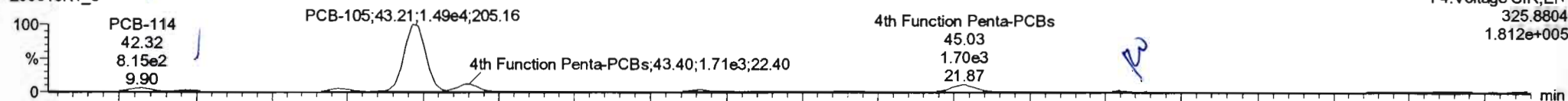
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

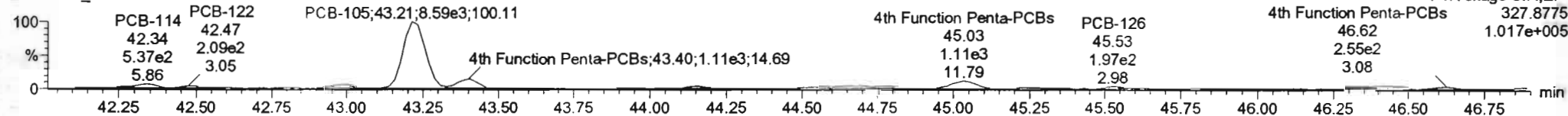
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

PCB-114

200615K1\_8

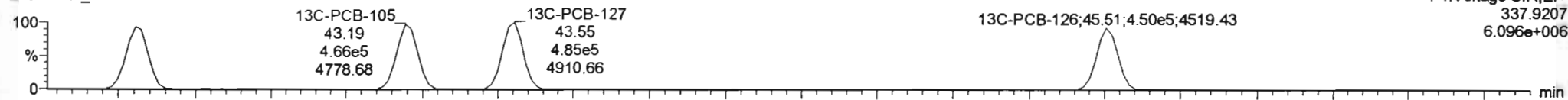


200615K1\_8

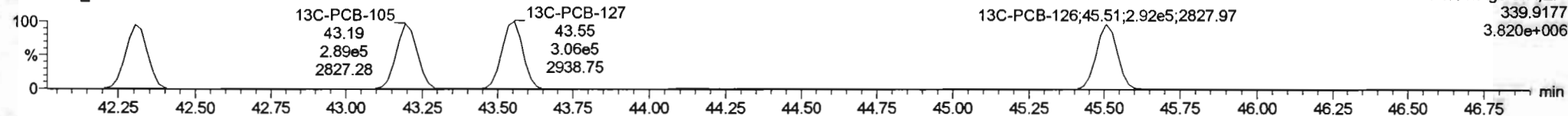


13C-PCB-114

200615K1\_8

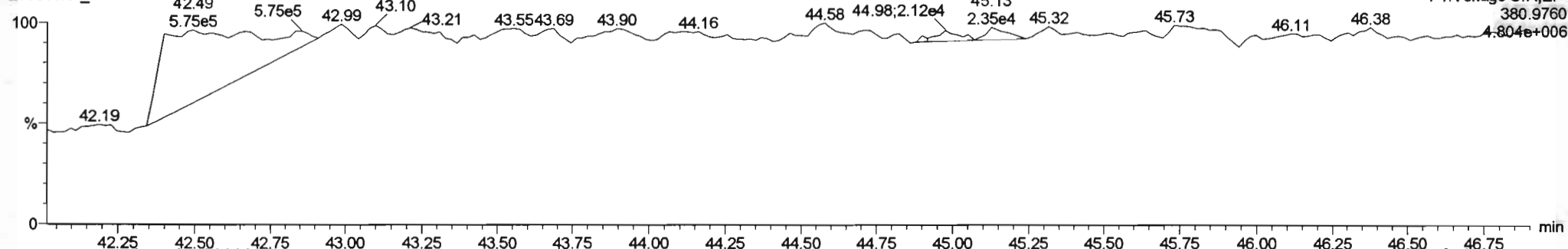


200615K1\_8



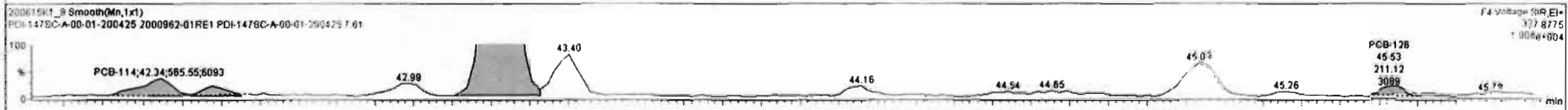
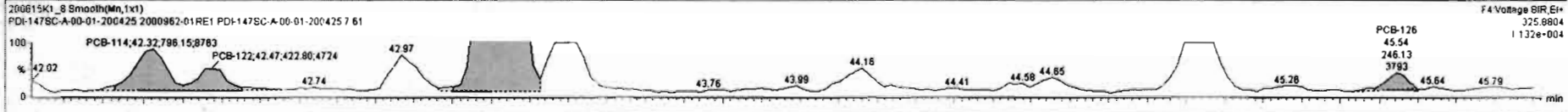
PFK4a

200615K1\_8



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred FI	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000		NO	1298		16.9	1313
230	4th Function Penta-PCBs				1.0735	5.048	0.00		0.000		NO	63.75		3.21	64.87
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00		0.000		NO	495.0		5.02	504.7
232	4th Function Hexa-PCBs				1.0318	5.048	0.00		0.000		NO	988.6		10.4	993.5
233	Total Hepta-PCBs				1.3551	5.048	0.00		0.000		NO	899.7		12.8	934.8
234	4th Function Octa-PCBs				1.0008	5.048	0.00		0.000		NO	213.8		5.45	227.0
235	5th Function Octa-PCBs				1.1489	5.048	0.00		0.000		NO	93.26		1.25	96.05
236	Total Nona-PCBs				0.9523	5.048	0.00		0.000		NO	60.29		1.31	60.29
237	Deca-CB				0.9864	5.048	0.00		0.000		NO	41.20		0.212	41.20

#	Name	Pred RT	RT	m1 Reto	m2 Reto	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.33	42.32	7.962e2	5.659e2	1.560	1.41	NO	3.1679	3.1679
2	94 PCB-122	42.47	42.47	4.228e2	2.851e2	1.560	1.59	NO	1.9341	1.9341
3	95 PCB-105	43.21	43.21	1.490e4	8.593e3	1.560	1.73	NO	59.848	59.848
4	97 PCB-126	45.52	45.54	2.461e2	2.311e2	1.560	1.17	YES	0.91939	0.00000





Dataset: Untitled

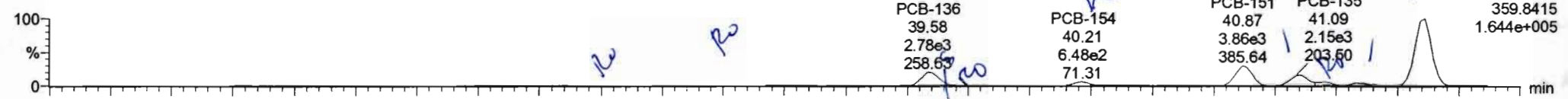
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

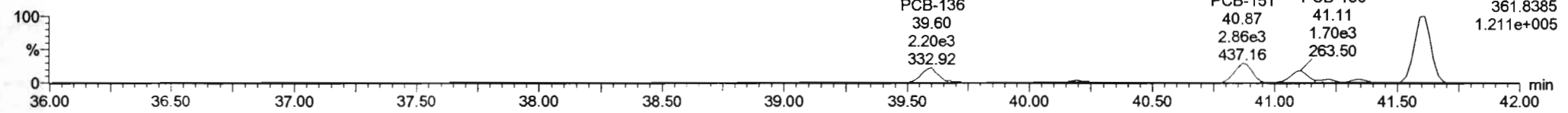
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-155**

200615K1\_8

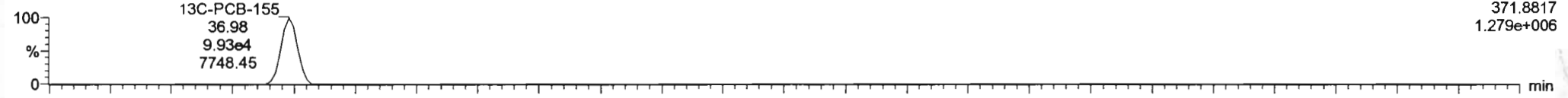


200615K1\_8

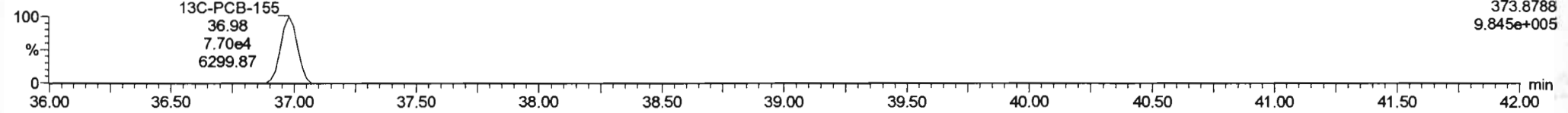


**13C-PCB-155**

200615K1\_8

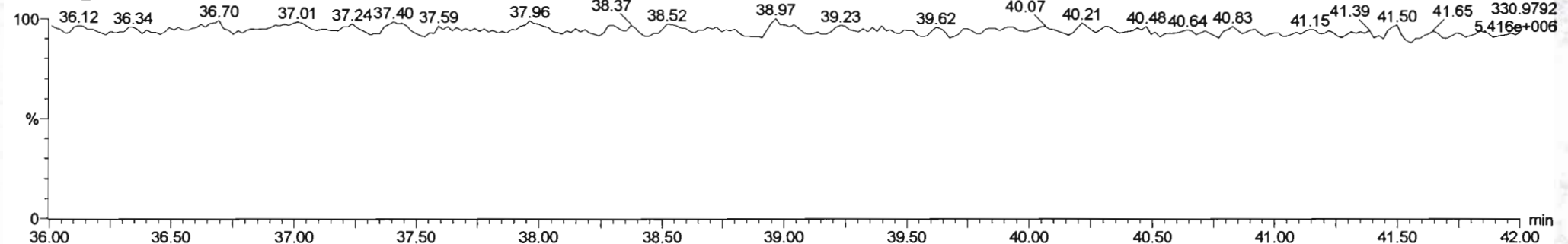


200615K1\_8



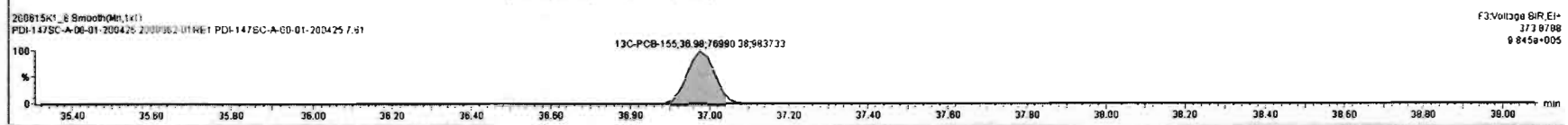
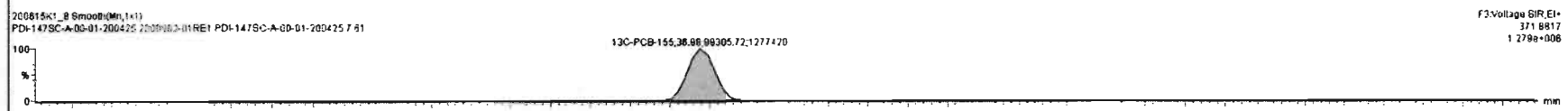
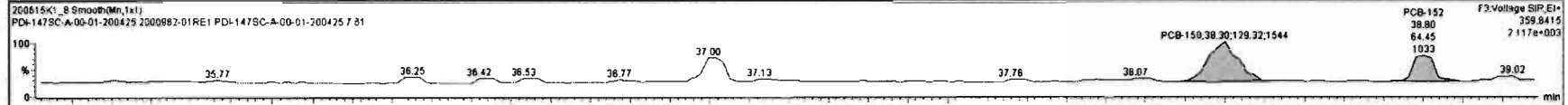
**PFK3c**

200615K1\_8



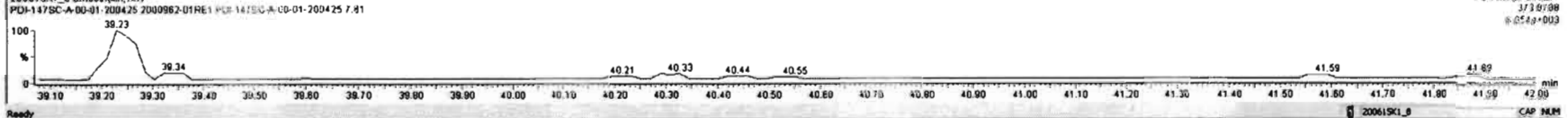
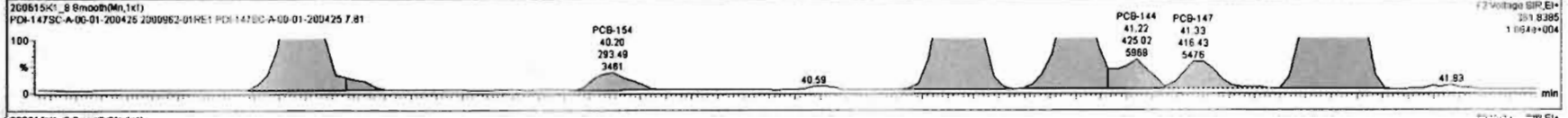
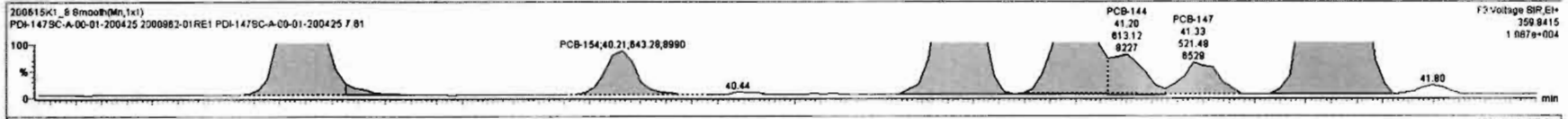
#	Name	Resp	RA	nly	RNF	wVol	Prod.RT	RT	Prod.R.	RRT	RRT Fnd	Conc.	%Rec	DL	EMPC
229	2nd Function Penta-PCBs				1.3157	5.048	0.00	0.000	0.000	NO	1298	18.9	1313		
230	4th Function Penta-PCBs				1.0735	5.048	0.00	0.000	0.000	NO	63.75	3.71	64.67		
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00	0.000	0.000	NO	479.5	5.02	500.9		
232	4th Function Hexa-PCBs				1.0316	5.048	0.00	0.000	0.000	NO	988.6	16.4	983.5		
233	Total Hepta-PCBs				1.3551	5.048	0.00	0.000	0.000	NO	859.7	12.8	834.8		
234	4th Function Octa-PCBs				1.0008	5.048	0.00	0.000	0.000	NO	213.8	5.45	227.0		
235	5th Function Octa-PCBs				1.1499	5.048	0.00	0.000	0.000	NO	93.28	1.25	98.05		
236	Total Nonh-PCBs				0.9523	5.048	0.00	0.000	0.000	NO	60.29	1.31	60.29		
237	Diox-PCB				0.9884	5.048	0.00	0.000	0.000	NO	41.20	0.212	41.20		

#	Name	Prod.RT	RT	m1 Resp	m2 Resp	1* Ratio (Prod)	RA	nly	EMPC	Conc.
99	PCB-150	38.32	38.30	1.293e2	9.044e1	1.240	1.43	YES	2.1012	0.00000
100	PCB-152	38.80	38.80	6.445e1	3.054e1	1.240	2.11	YES	0.64792	0.00000
102	PCB-136	38.80	38.58	2.738e3	2.133e3	1.240	1.28	NO	53.810	53.810
104	PCB-154	40.22	40.21	8.433e2	2.935e2	1.240	2.19	YES	6.0398	0.00000
105	PCB-151	40.88	40.87	3.881e3	2.857e3	1.240	1.35	NO	85.979	85.979
106	PCB-135	41.08	41.08	2.181e3	1.700e3	1.240	1.28	NO	47.277	47.277
107	PCB-144	41.20	41.20	6.131e2	4.250e2	1.240	1.44	YES	13.580	0.00000
108	PCB-147	41.33	41.33	5.219e2	4.194e2	1.240	1.25	NO	12.629	12.629



#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R.	RRT	RRT.Fal	Conc	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.048	0.00	0.000			NO	1206	18.9	1313	
230	4th Function Penta-PCBs				1.0735	5.048	0.00	0.000			NO	63.75	3.71	64.67	
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00	0.000			NO	478.8	5.02	805.2	
232	4th Function Hexa-PCBs				1.0316	5.048	0.00	0.000			NO	988.6	10.4	993.6	
233	Total Hepta-PCBs				1.3551	5.048	0.00	0.000			NO	889.7	12.8	934.8	
234	4th Function Octa-PCBs				1.0008	5.048	0.00	0.000			NO	213.8	5.45	227.0	
235	5th Function Octa-PCBs				1.1499	5.048	0.00	0.000			NO	93.28	1.25	96.05	
236	Total Nona-PCBs				0.9523	5.048	0.00	0.000			NO	60.29	1.31	60.29	
237	Deca-CB				0.9884	5.048	0.00	0.000			NO	41.20	0.712	41.20	

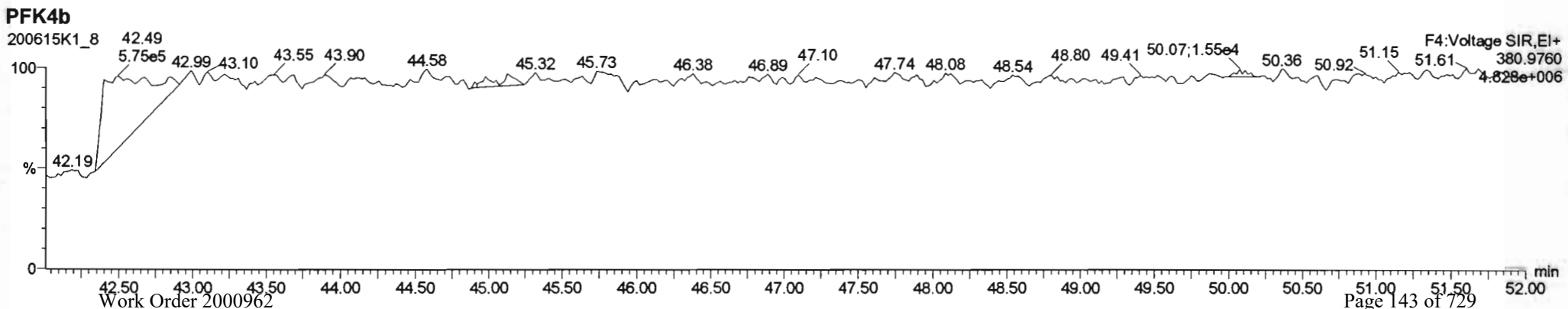
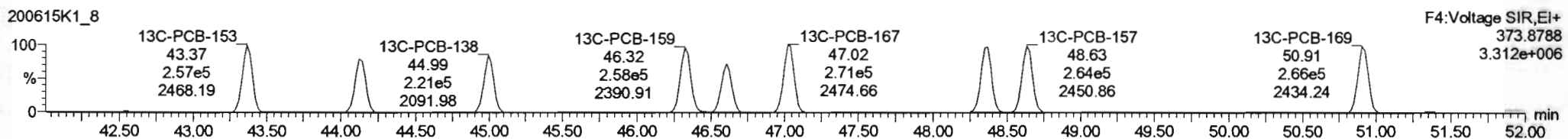
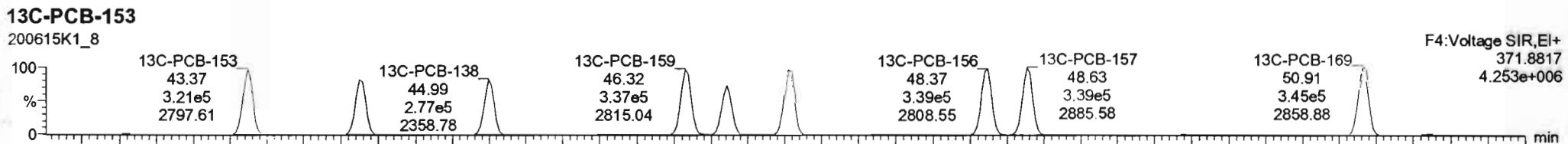
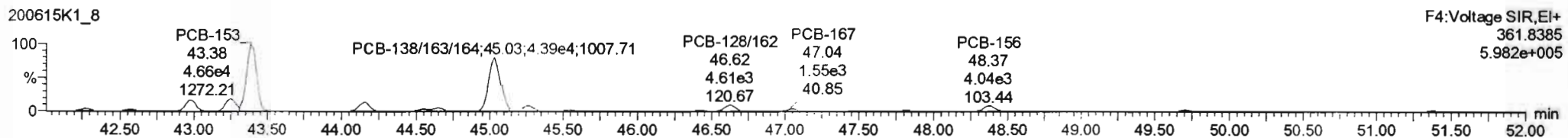
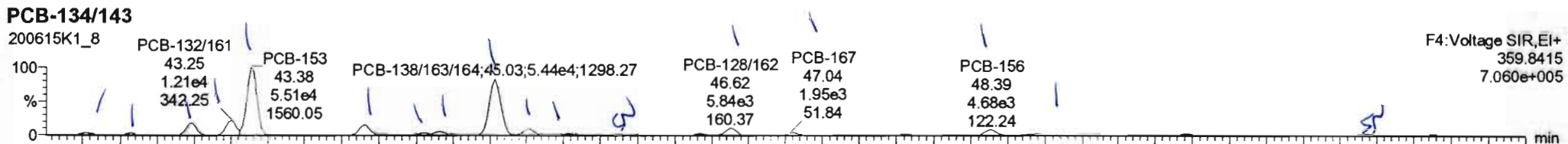
#	Name	Pred.RT	RT	wt Resp	wt3 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	99 PCB-150	36.32	36.30	1.293e2	9.044e1	1.240	1.43	YES	2.1012	0.00000
2	100 PCB-152	36.80	36.80	6.445e1	3.054e1	1.240	2.11	YES	0.64782	0.00000
3	102 PCB-136	39.80	39.59	2.706e3	2.103e3	1.240	1.29	NO	52.836	52.836
4	103 PCB-148	39.71	39.88	8.276e1	1.036e2	1.240	0.80	YES	1.9961	0.00000
5	104 PCB-154	40.22	40.21	6.433e2	2.835e2	1.240	2.19	YES	8.0386	0.00000
6	105 PCB-151	40.88	40.87	3.861e3	2.857e3	1.240	1.35	NO	95.979	95.979
7	106 PCB-135	41.09	41.09	2.181e3	1.700e3	1.240	1.28	NO	47.277	47.277
8	107 PCB-144	41.20	41.20	6.131e2	4.250e2	1.240	1.44	YES	13.580	0.00000



Dataset: Untitled

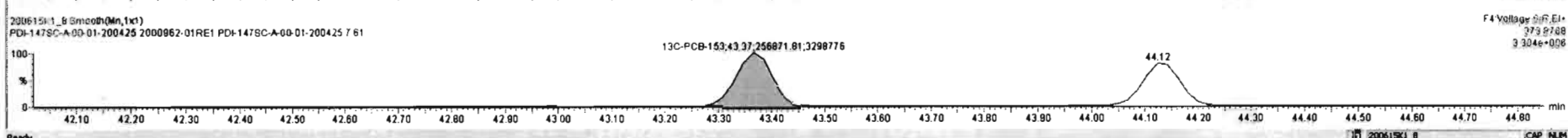
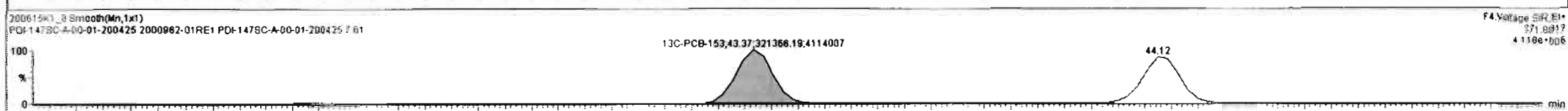
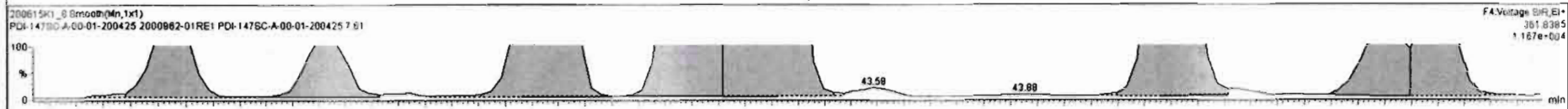
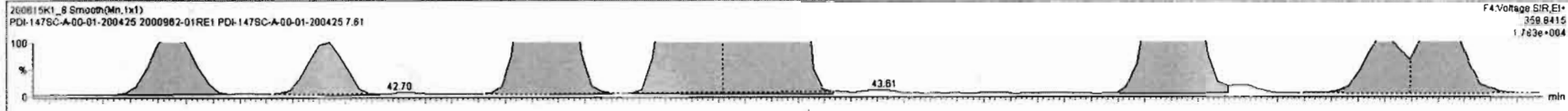
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425



#	Name	Resp	RA	n/y	RRF	wt/dt	Pred.RT	RT	Pred.R.	RRT	RRTI	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000		NO	1298		18.9	1313
230	4th Function Penta-PCBs				1.0735	5.048	0.00		0.000		NO	63.75		3.71	64.67
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00		0.000		NO	478.8		5.02	505.2
232	4th Function Hexa-PCBs				1.0318	5.048	0.00		0.000		NO	894.5		10.4	995.0
233	Total Hepta-PCBs				1.3551	5.048	0.00		0.000		NO	899.7		12.8	934.8
234	4th Function Octa-PCBs				1.0008	5.048	0.00		0.000		NO	213.8		5.45	227.0
235	5th Function Octa-PCBs				1.1499	5.048	0.00		0.000		NO	93.28		1.25	96.05
236	Total Nona-PCBs				0.9523	5.048	0.00		0.000		NO	60.29		1.31	60.29
237	Deca-CB				0.9884	5.048	0.00		0.000		NO	41.20		0.212	41.20

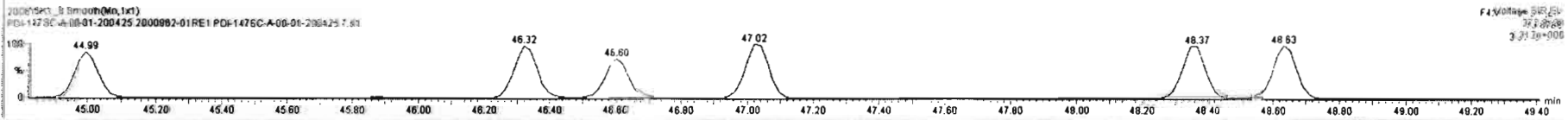
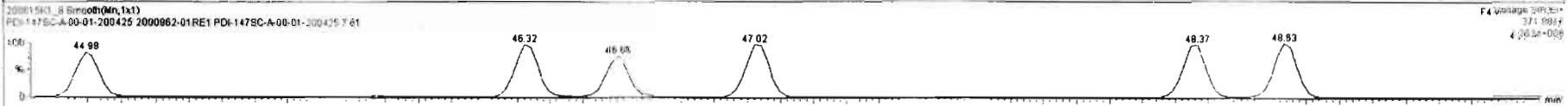
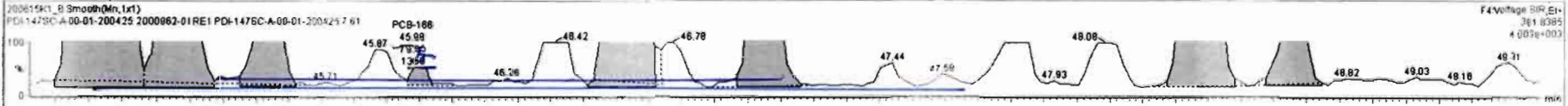
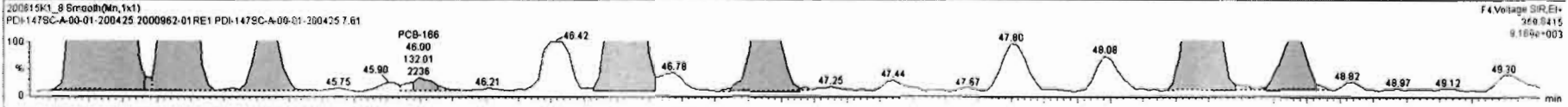
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.28	42.27	1.837e3	1.514e3	1.240	1.21	NO	15.129	15.129
2	112 PCB-131/133	42.58	42.57	1.389e3	1.189e3	1.240	1.17	NO	10.758	10.758
3	114 PCB-148/185	42.97	42.99	1.004e4	8.283e3	1.240	1.21	NO	61.753	61.753
4	115 PCB-132/181	43.20	43.25	1.217e4	8.867e3	1.240	1.37	NO	70.364	70.364
5	116 PCB-153	43.38	43.38	5.525e4	4.855e4	1.240	1.19	NO	325.78	325.78
6	118 PCB-141	44.14	44.16	8.360e3	8.219e3	1.240	1.34	NO	57.219	57.219
7	119 PCB-137	44.54	44.54	1.588e3	1.394e3	1.240	1.12	NO	10.742	10.742
8	120 PCB-130	44.64	44.65	2.792e3	1.989e3	1.240	1.40	NO	21.780	21.780





#	Name	Resp	RA	nly	RRT	WtdVol	Prod.FIT	RT	Prod.R.	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000		NO	1298		16.9	1313
230	4th Function Penta-PCBs				1.0735	5.048	0.00		0.000		NO	63.75		3.71	64.67
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00		0.000		NO	478.8		5.02	505.2
232	4th Function Hexa-PCBs				1.0316	5.048	0.00		0.000		NO	354.5		10.4	885.0
233	Total Hepta-PCBs				1.3551	5.048	0.00		0.000		NO	899.7		12.8	934.8
234	4th Function Octa-PCBs				1.0008	5.048	0.00		0.000		NO	213.8		5.45	227.0
235	5th Function Octa-PCBs				1.1499	5.048	0.00		0.000		NO	93.26		1.26	96.05
236	Total Nona-PCBs				0.9523	5.048	0.00		0.000		NO	60.29		1.31	60.29
237	Deca-CB				0.9864	5.048	0.00		0.000		NO	41.20		0.212	41.20

#	Name	Prod.RT	RT	m1 Resp	m2 Resp	S* Ratio (Prod)	RA	nly	EMPC	Conc.
1	111 PCB-134/143	42.26	42.27	1.637e3	1.514e3	1.240	1.21	NO	15.129	15.129
2	112 PCB-131/133	42.58	42.57	1.368e3	1.189e3	1.240	1.17	NO	10.758	10.758
3	114 PCB-148/165	42.87	42.89	1.004e4	8.263e3	1.240	1.21	NO	61.753	61.753
4	115 PCB-132/161	43.20	43.25	1.217e4	8.067e3	1.240	1.37	NO	70.364	70.364
5	116 PCB-153	43.30	43.36	5.525e4	4.655e4	1.240	1.19	NO	325.78	325.78
6	118 PCB-141	44.14	44.16	8.360e3	6.219e3	1.240	1.34	NO	57.219	57.219
7	119 PCB-137	44.54	44.54	1.568e3	1.304e3	1.240	1.12	NO	10.742	10.742
8	120 PCB-130	44.84	44.85	2.792e3	1.889e3	1.240	1.40	NO	21.780	21.780



Dataset: Untitled

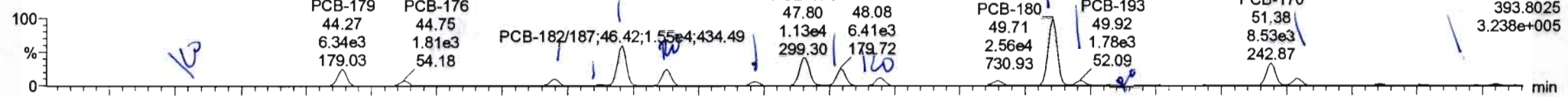
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

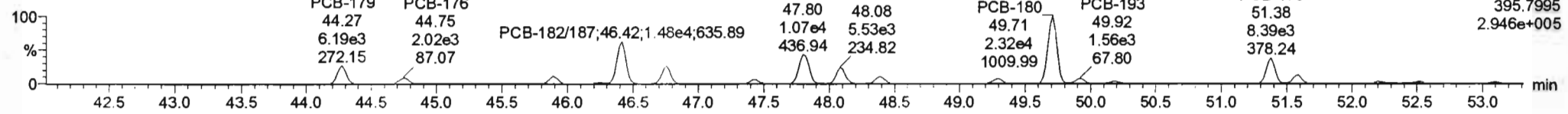
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-188**

200615K1\_8

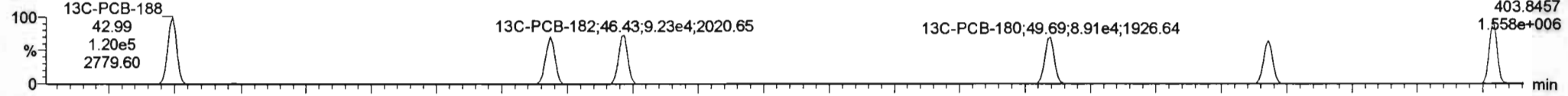


200615K1\_8

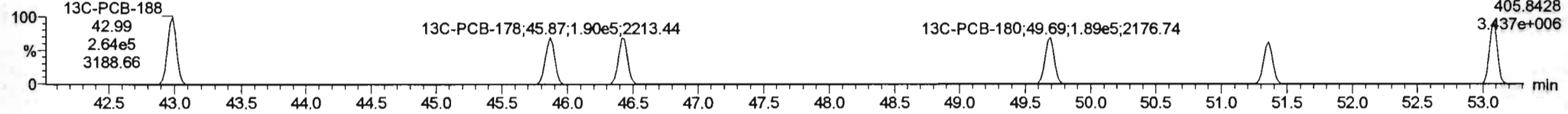


**13C-PCB-188**

200615K1\_8

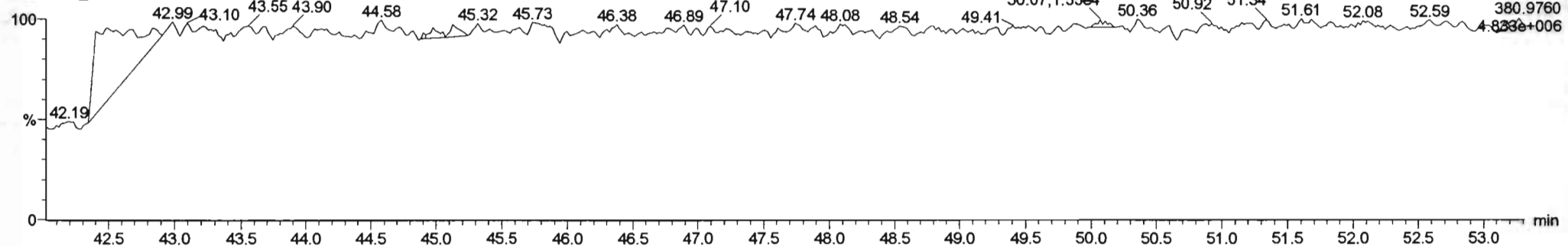


200615K1\_8



**PFK4c**

200615K1\_8

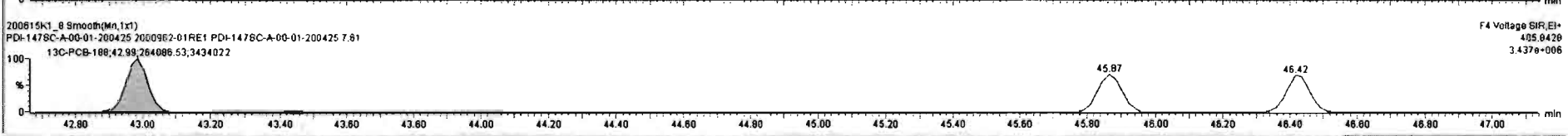
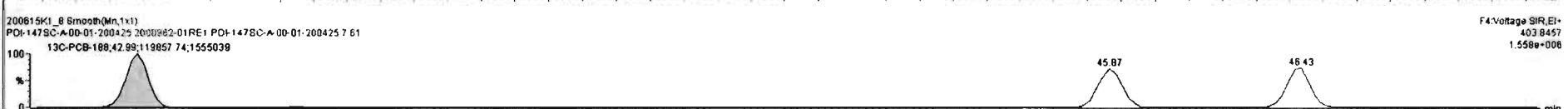
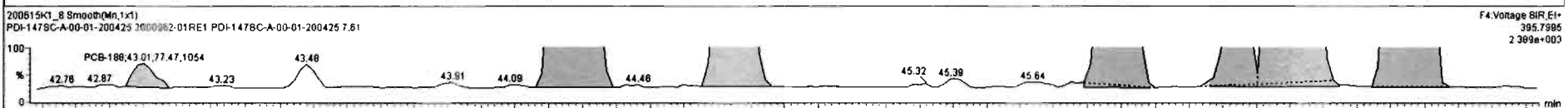
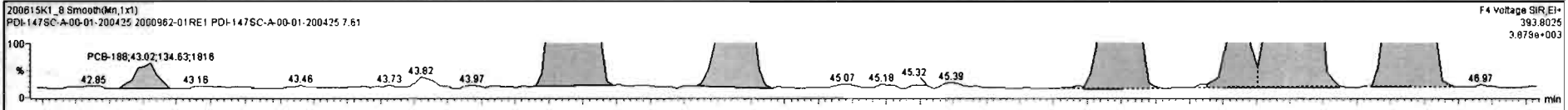




200615K1\_8 - 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61 - PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/Std	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000		NO	1298		18.9	1313
230	230 4th Function Penta-PCBs				1.0735	5.048	0.00		0.000		NO	83.75		3.71	84.87
231	231 3rd Function Hexa-PCBs				0.9505	5.048	0.00		0.000		NO	478.8		5.02	505.2
232	232 4th Function Hexa-PCBs				1.0316	5.048	0.00		0.000		NO	994.5		10.4	994.5
233	233 Total Hexa-PCBs				1.3551	5.048	0.00		0.000		NO	984.1		12.8	935.0
234	234 4th Function Octa-PCBs				1.0008	5.048	0.00		0.000		NO	213.8		5.48	227.0
235	235 5th Function Octa-PCBs				1.1489	5.048	0.00		0.000		NO	93.28		1.25	96.05
236	236 Total Nona-PCBs				0.8523	5.048	0.00		0.000		NO	80.28		1.31	80.29
237	237 Deca-CB				0.9864	5.048	0.00		0.000		NO	41.20		0.212	41.20

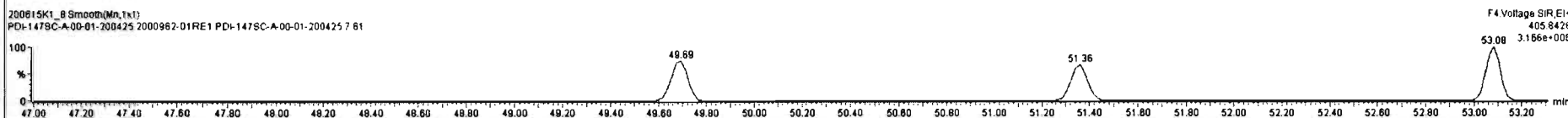
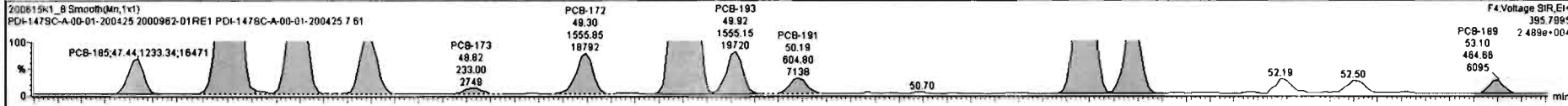
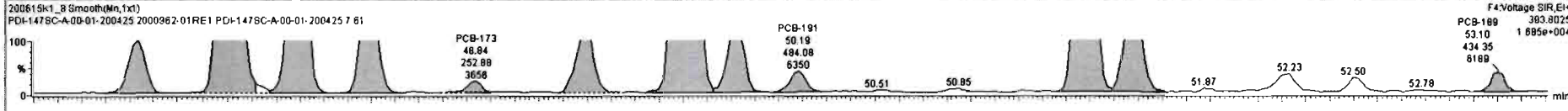
#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	43.02	43.02	1.348e2	7.747e1	1.050	1.74	YES	0.63540	0.00000
2	133 PCB-179	44.28	44.28	6.342e3	6.193e3	1.050	1.02	NO	49.826	49.826
3	134 PCB-176	44.74	44.75	1.810e3	2.019e3	1.050	0.90	NO	15.095	15.095
4	136 PCB-178	45.89	45.89	2.519e3	2.418e3	1.050	1.04	NO	27.006	27.006
5	137 PCB-175	46.24	46.25	4.459e2	3.809e2	1.050	1.17	NO	4.4613	4.4613
6	138 PCB-182/187	46.42	46.42	1.548e4	1.494e4	1.050	1.04	NO	146.81	146.81
7	139 PCB-183	46.76	46.76	6.371e3	5.985e3	1.050	1.06	NO	62.380	62.380
8	140 PCB-185	47.44	47.44	1.371e3	1.230e3	1.050	1.11	NO	13.198	13.198



200615K1\_8.DI: 200615K1\_8.DI: PDI-147SC-A-00-01-200425 7 61 PDI-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RF	wt/Vol	Pred RT	RT	Pred R	RRT	RFI	Fat	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	5.048	0.00		0.000			NO	1298		18.9	1313
230	230 4th Function Penta-PCBs				1.0735	5.048	0.00		0.000			NO	83.75		3.71	84.87
231	231 3rd Function Hexa-PCBs				0.8505	5.048	0.00		0.000			NO	478.8		5.02	505.2
232	232 4th Function Hexa-PCBs				1.0316	5.048	0.00		0.000			NO	994.5		10.4	994.5
233	233 Total Hepta-PCBs				1.3551	5.048	0.00		0.000			NO	994.1		12.8	935.8
234	234 4th Function Octa-PCBs				1.0008	5.048	0.00		0.000			NO	213.8		5.45	227.0
235	235 5th Function Octa-PCBs				1.1499	5.048	0.00		0.000			NO	83.28		1.25	96.05
236	236 Total Nona-PCBs				0.8523	5.048	0.00		0.000			NO	80.29		1.31	80.29
237	237 Deca-CB				0.8864	5.048	0.00		0.000			NO	41.20		0.212	41.20

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	43.02	43.02	1.346e2	7.747e1	1.050	1.74	YES	0.63540	0.00000
2	133 PCB-179	44.28	44.28	6.342e3	6.193e3	1.050	1.02	NO	49.826	49.826
3	134 PCB-176	44.74	44.75	1.810e3	2.019e3	1.050	0.90	NO	15.095	15.095
4	136 PCB-178	45.89	45.89	2.519e3	2.418e3	1.050	1.04	NO	27.006	27.006
5	137 PCB-175	46.24	46.25	4.458e2	3.809e2	1.050	1.17	NO	4.4613	4.4613
6	138 PCB-182/187	46.42	46.42	1.549e4	1.484e4	1.050	1.04	NO	146.81	146.81
7	139 PCB-183	46.76	46.76	8.371e3	5.995e3	1.050	1.06	NO	62.390	62.390
8	140 PCB-185	47.44	47.44	1.371e3	1.233e3	1.050	1.11	NO	13.196	13.196



Dataset: Untitled

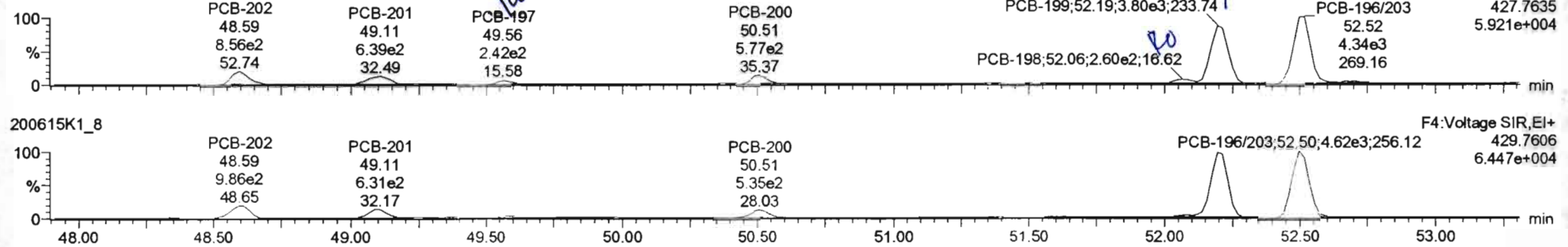
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

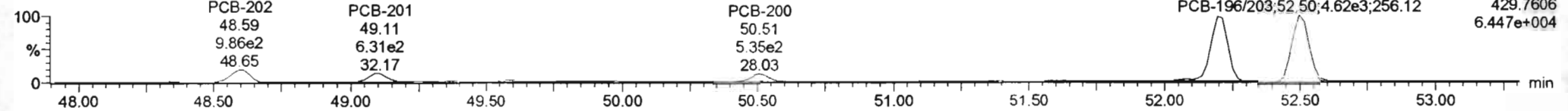
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-202**

200615K1\_8

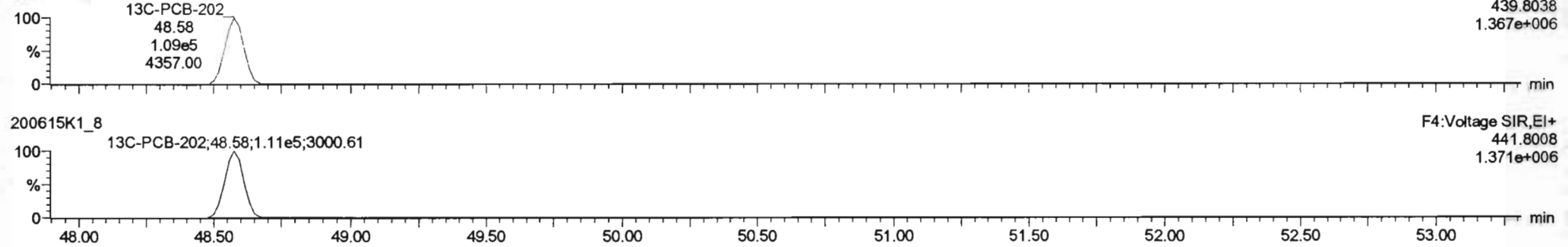


200615K1\_8

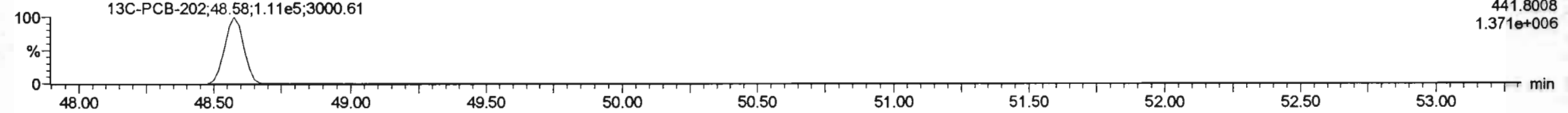


**13C-PCB-202**

200615K1\_8

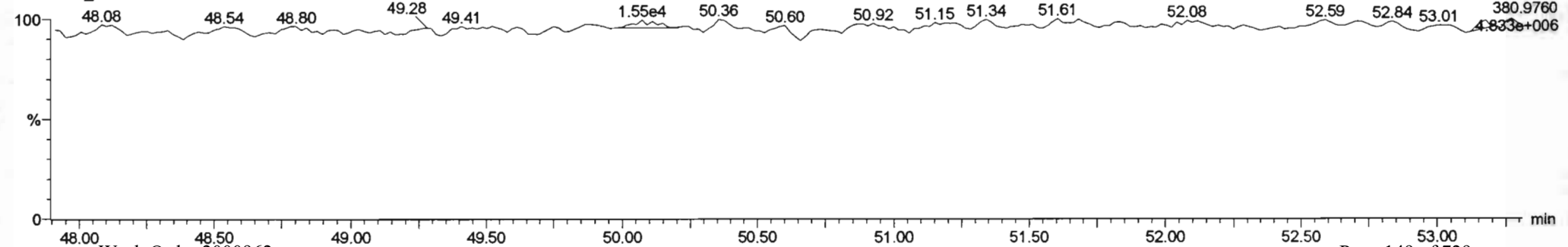


200615K1\_8



**PFK4d**

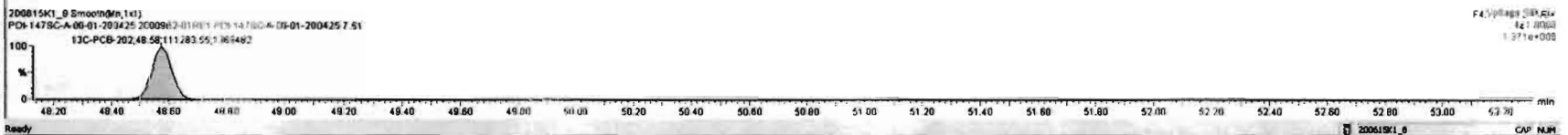
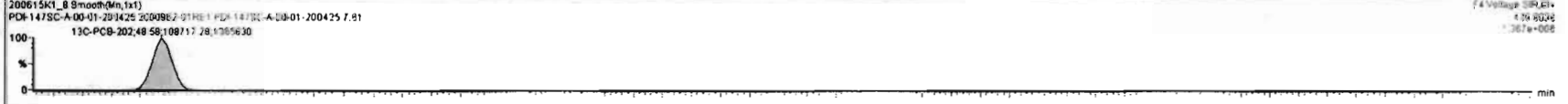
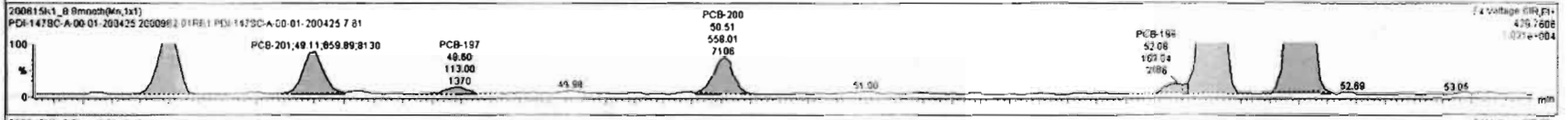
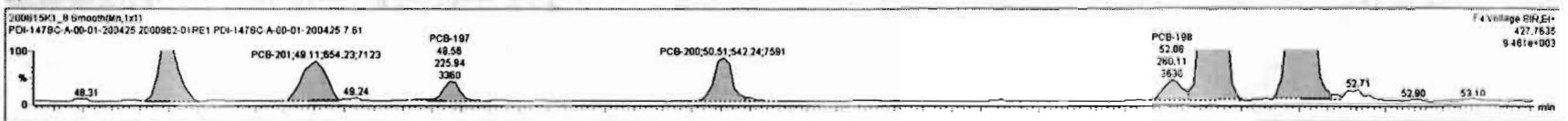
200615K1\_8



362-01RE1 PCB-147SC-A-00-01-203425-761 PCB-147SC-A-00-01-200425

#	Name	Resp	RA	n/y	RNF	WVal	Pred.RT	RT	Pred.R...	RTI	RRT Filt	Conc.	%Rec	DL	EMPC
228	228 3rd Function Penta-PCBs				1.2157	5.048	0.00	0.000			NO	1.288	18.9	1.313	
230	230 4th Function Penta-PCBs				1.0735	5.048	0.00	0.000			NO	83.75	3.71	64.87	
231	231 3rd Function Hexa-PCBs				0.9505	5.048	0.00	0.000			NO	478.8	5.02	505.2	
232	232 4th Function Hexa-PCBs				1.0316	5.048	0.00	0.000			NO	984.5	10.4	994.5	
233	233 Total Hepta-PCBs				1.3551	5.048	0.00	0.000			NO	904.1	12.8	935.0	
234	234 4th Function Octa-PCBs				1.8038	5.048	0.00	0.000			NO	233.2	5.45	238.4	
235	235 5th Function Octa-PCBs				1.1499	5.048	0.00	0.000			NO	53.28	1.25	98.05	
236	236 Total Nona-PCBs				0.9523	5.048	0.00	0.000			NO	80.29	1.31	80.29	
237	237 Deca-Cl				0.9854	5.048	0.00	0.000			NO	41.20	0.212	41.20	

#	Name	Pred.RT	RT	int Resp	nd Resp	S* Ratio (Peak)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.81	48.59	8.71e2	9.83e2	0.889	0.88	NO	14.299	14.299
2	155 PCB-201	49.10	49.11	8.54e2	8.59e2	0.890	0.89	NO	11.240	11.240
3	157 PCB-197	48.57	48.56	2.25e2	1.130e2	0.880	2.00	YES	1.8879	0.00000
4	158 PCB-200	50.50	50.51	5.423e2	5.580e2	0.880	0.87	NO	9.2582	9.2582
5	159 PCB-198	52.08	52.05	2.801e2	1.830e2	0.880	1.80	YES	3.4853	0.00000
6	160 PCB-199	52.18	52.19	3.803e3	4.470e3	0.880	0.85	NO	92.045	92.045
7	161 PCB-196/203	52.50	52.52	4.322e3	4.645e3	0.880	0.93	NO	96.328	96.328

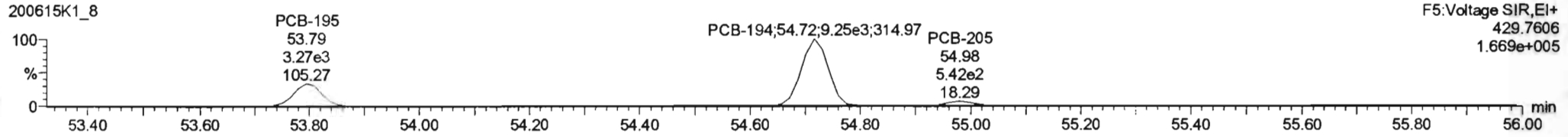
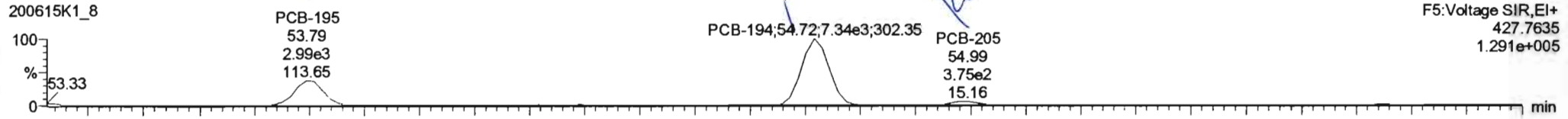


Dataset: Untitled

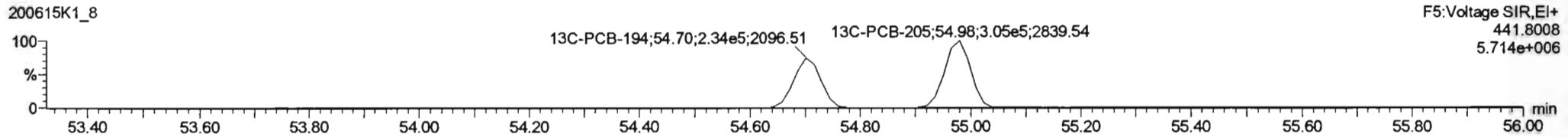
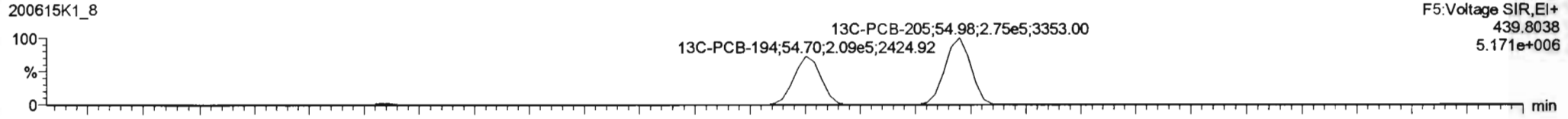
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

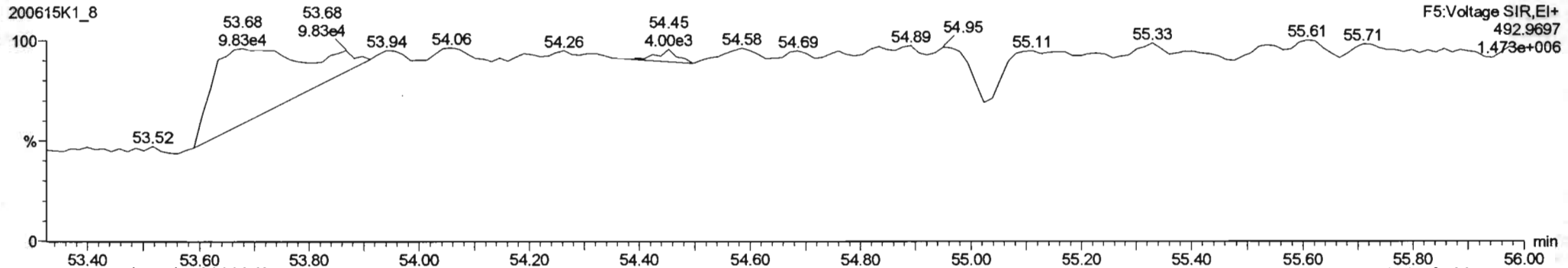
**PCB-195**



**13C-PCB-194**



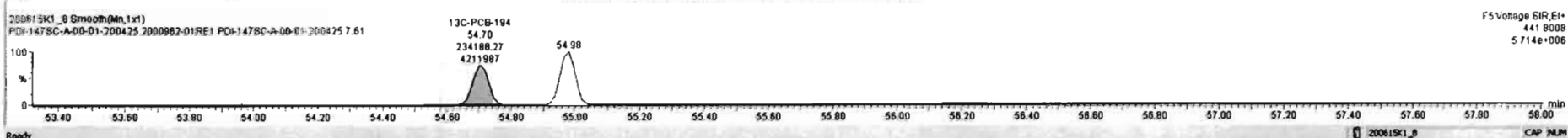
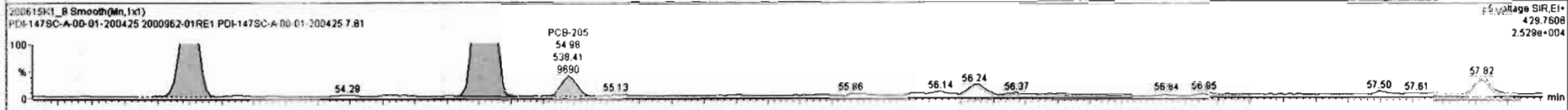
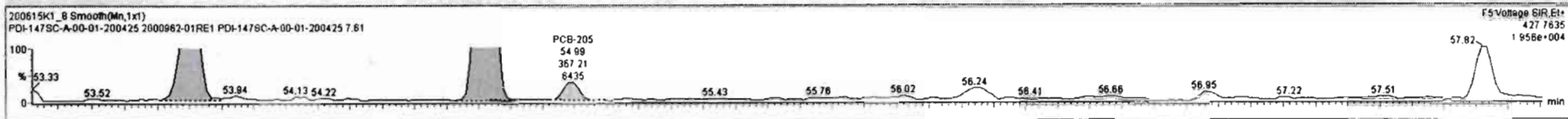
**PFK5a**





#	Name	Resp	RA	n/y	RRF	wAval	Pred.RT	RT	Pred.R...	RRT	RRT Fat	Conc.	%Rec	DL	BMP
229	2nd Function Penta-PCBs				1.3157	5.048	0.00	0.000	0.000	NO	1296	19.9	1313		
230	4th Function Penta-PCBs				1.0735	5.048	0.00	0.000	0.000	NO	63.75	3.71	64.67		
231	3rd Function Hexa-PCBs				0.9505	5.048	0.00	0.000	0.000	NO	478.8	5.02	505.2		
232	4th Function Hexa-PCBs				1.0316	5.048	0.00	0.000	0.000	NO	994.5	10.4	994.5		
233	233 Total Hepta-PCBs				1.3551	5.048	0.00	0.000	0.000	NO	904.1	12.8	935.0		
234	4th Function Octa-PCBs				1.0008	5.048	0.00	0.000	0.000	NO	223.2	5.45	228.4		
235	5th Function Octa-PCBs				1.1498	5.048	0.00	0.000	0.000	NO	93.31	1.25	96.01		
236	236 Total Nona-PCBs				0.9523	5.048	0.00	0.000	0.000	NO	60.29	1.31	60.29		
237	237 Deca-CB				0.9864	5.048	0.00	0.000	0.000	NO	41.20	0.212	41.20		

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	BMP	Conc.
1	162 PCB-195	53.80	53.79	2.993e3	3.252e3	0.920	0.82	NO	26.703	26.703
2	163 PCB-194	54.72	54.72	7.369e3	9.240e3	0.890	0.80	NO	66.606	66.606
3	164 PCB-205	54.98	54.99	3.672e2	5.304e2	0.890	0.68	YES	2.7052	0.00000

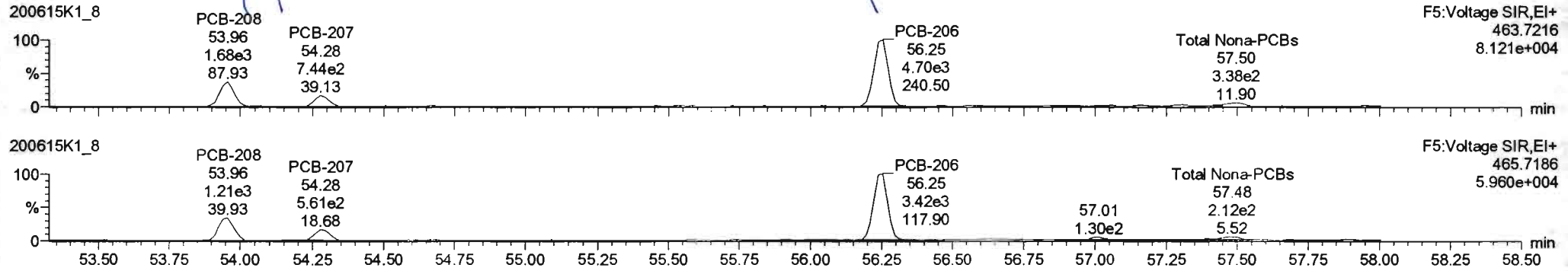


Dataset: Untitled

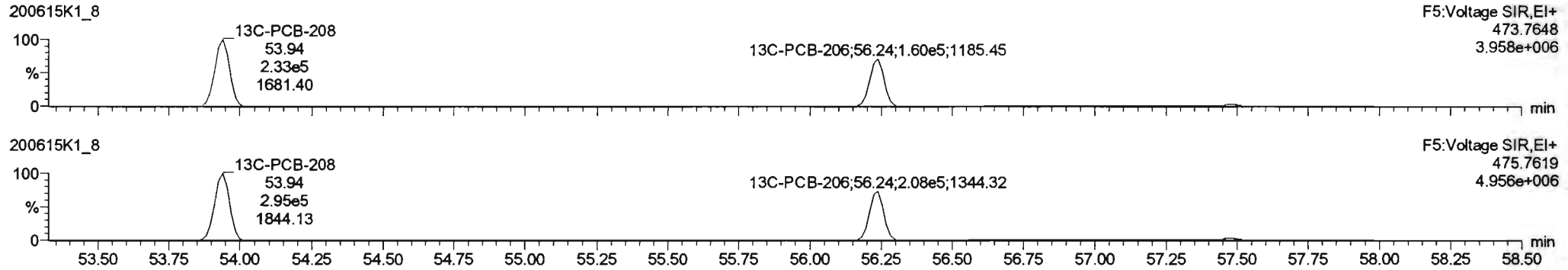
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

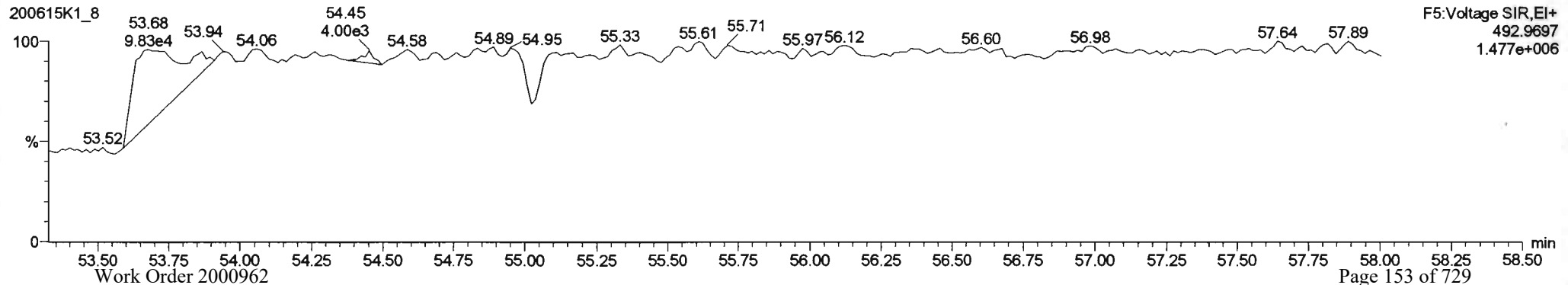
**PCB-208**



**13C-PCB-208**



**PFK5**





Dataset: Untitled

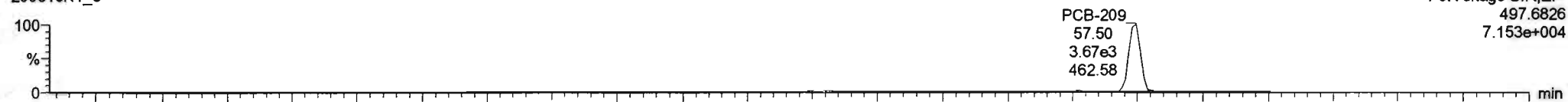
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

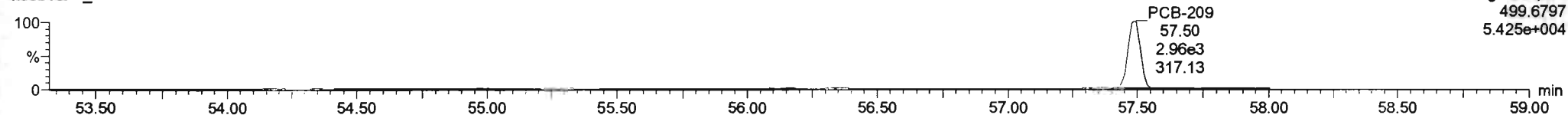
Name: 200615K1\_8, Date: 15-Jun-2020, Time: 20:01:33, ID: 2000962-01RE1 PDI-147SC-A-00-01-200425 7.61, Description: PDI-147SC-A-00-01-200425

**PCB-209**

200615K1\_8

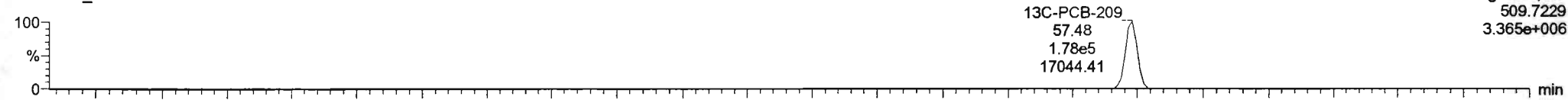


200615K1\_8

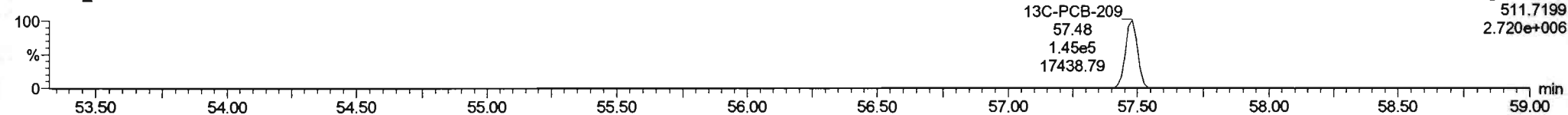


**13C-PCB-209**

200615K1\_8

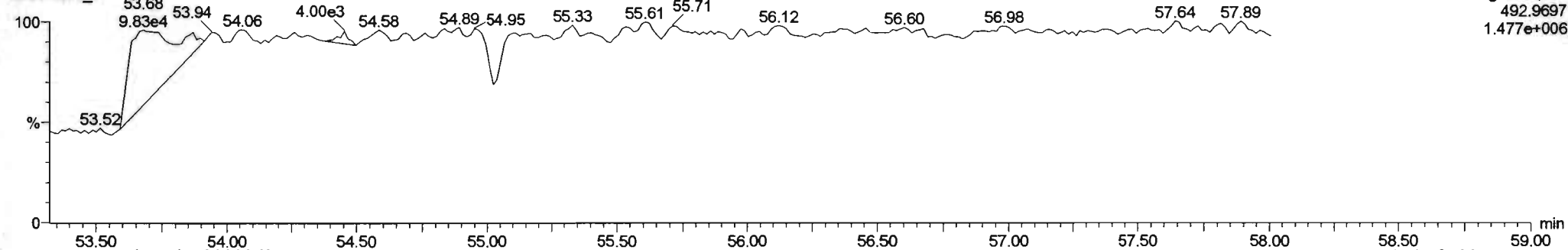


200615K1\_8



**PFK5b**

200615K1\_8



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

*hr bilb. low*

*C7 06/22/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	2.22e3	4.62	YES	1.17	5.015	15.53	15.53	1.001	1.001	NO	4.084		0.334	2.981
2	2 PCB-2	4.72e3	2.83	NO	1.18	5.015	17.95	17.94	0.988	0.988	NO	7.501		0.295	7.501
3	3 PCB-3	2.92e3	3.13	NO	1.15	5.015	18.18	18.18	1.001	1.001	NO	4.776		0.304	4.776
4	4 PCB-4/10	7.69e3	1.53	NO	1.25	5.015	19.59	19.53	1.004	1.001	NO	15.60		1.11	15.60
5	5 PCB-7/9			NO	0.960	5.015	21.40		1.003		YES			0.839	
6	6 PCB-6	6.35e3	1.37	NO	1.02	5.015	22.05	22.05	1.033	1.033	NO	9.147		0.787	9.147
7	7 PCB-5/8	2.86e4	1.61	NO	0.992	5.015	22.45	22.44	1.052	1.052	NO	42.55		0.812	42.55
8	8 PCB-14			NO	1.02	5.015	23.60		0.952		YES			0.801	
9	9 PCB-11	2.49e4	1.49	NO	1.13	5.015	24.82	24.82	1.001	1.001	NO	29.29		0.724	29.29
10	10 PCB-12/13			NO	1.03	5.015	25.26		1.018		YES			0.794	
11	11 PCB-15	1.94e4	1.66	NO	1.03	5.015	25.57	25.54	1.031	1.030	NO	24.86		0.788	24.86
12	12 PCB-19	4.57e3	1.26	YES	1.11	5.015	23.79	23.78	1.001	1.001	NO	14.23		0.782	12.93
13	13 PCB-30			NO	1.79	5.015	24.69		1.039		YES			0.482	
14	14 PCB-18	2.27e4	1.01	NO	0.818	5.015	25.45	25.46	0.952	0.952	NO	62.78		0.685	62.78
15	15 PCB-17	1.16e4	1.03	NO	0.758	5.015	25.63	25.64	0.958	0.959	NO	34.55		0.739	34.55
16	16 PCB-24/27	3.17e3	1.13	NO	1.08	5.015	26.24	26.21	0.981	0.980	NO	6.627		0.518	6.627
17	17 PCB-16/32	1.61e4	1.07	NO	0.925	5.015	26.76	26.76	1.001	1.001	NO	39.27		0.605	39.27
18	18 PCB-34	9.34e2	0.76	YES	0.945	5.015	27.56	27.58	0.959	0.959	NO	1.372		0.589	1.161
19	19 PCB-23			NO	0.883	5.015	27.65		0.962		YES			0.642	
20	20 PCB-29	5.23e2	1.50	YES	0.893	5.015	27.91	27.91	0.971	0.971	NO	0.8187		0.635	0.6637
21	21 PCB-26	1.32e4	1.05	NO	0.944	5.015	28.14	28.14	0.979	0.979	NO	19.45		0.600	19.45
22	22 PCB-25	7.52e3	0.98	NO	0.950	5.015	28.29	28.31	0.984	0.984	NO	11.00		0.596	11.00
23	23 PCB-31	6.05e4	0.98	NO	1.04	5.015	28.66	28.68	0.997	0.997	NO	81.12		0.547	81.12
24	24 PCB-28	8.42e4	1.04	NO	1.03	5.015	28.77	28.77	1.001	1.001	NO	114.1		0.553	114.1
25	25 PCB-20/21/33	3.49e4	1.04	NO	0.941	5.015	29.41	29.44	1.023	1.024	NO	51.54		0.602	51.54
26	26 PCB-22	2.08e4	1.05	NO	0.973	5.015	29.85	29.87	1.038	1.039	NO	29.68		0.582	29.68
27	27 PCB-36			NO	1.08	5.015	30.54		0.931		YES			0.571	
28	28 PCB-39			NO	0.988	5.015	31.02		0.946		YES			0.622	
29	29 PCB-38			NO	1.05	5.015	31.82		0.970		YES			0.585	
30	30 PCB-35	1.41e3	1.26	YES	1.04	5.015	32.36	32.38	0.987	0.988	NO	2.066		0.589	1.885
31	31 PCB-37	2.16e4	1.04	NO	1.01	5.015	32.81	32.81	1.001	1.001	NO	32.97		0.609	32.97
32	32 PCB-54	1.60e3	0.73	NO	1.08	5.015	27.62	27.62	1.001	1.001	NO	3.616		0.297	3.616

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	3.46e2	0.60	YES	0.880	5.015	28.81	28.81	1.044	1.044	NO	0.9577		0.364	0.8219
34	34 PCB-53	7.84e3	0.78	NO	0.997	5.015	29.50	29.50	0.944	0.944	NO	22.55		0.406	22.55
35	35 PCB-51	5.15e3	0.66	NO	1.07	5.015	29.84	29.85	0.955	0.955	NO	13.84		0.380	13.84
36	36 PCB-45	3.69e3	0.80	NO	0.858	5.015	30.29	30.30	0.969	0.970	NO	12.32		0.471	12.32
37	37 PCB-46	1.76e3	0.75	NO	0.831	5.015	30.78	30.80	0.985	0.986	NO	6.086		0.487	6.086
38	38 PCB-52/69	5.60e4	0.75	NO	1.17	5.015	31.28	31.28	1.001	1.001	NO	137.4		0.347	137.4
39	39 PCB-73	3.69e2	1.23	YES	1.44	5.015	31.39	31.43	1.005	1.006	NO	0.7017		0.280	0.5806
40	40 PCB-43/49	3.99e4	0.80	NO	1.02	5.015	31.57	31.60	1.010	1.011	NO	112.4		0.398	112.4
41	41 PCB-47	2.19e4	0.77	NO	0.922	5.015	31.80	31.82	1.001	1.001	NO	64.35		0.425	64.35
42	42 PCB-48/75	6.39e3	0.82	NO	1.12	5.015	31.92	31.93	1.004	1.005	NO	15.47		0.350	15.47
43	43 PCB-65			NO	1.28	5.015	32.19		1.013		YES			0.306	
44	44 PCB-62			NO	1.13	5.015	32.29		1.016		YES			0.348	
45	45 PCB-44	2.77e4	0.74	NO	0.824	5.015	32.64	32.64	1.027	1.027	NO	91.04		0.476	91.04
46	46 PCB-42/59	1.23e4	0.74	NO	1.05	5.015	32.87	32.86	1.034	1.034	NO	31.78		0.374	31.78
47	47 PCB-41/64/71/72	4.01e4	0.79	NO	1.19	5.015	33.47	33.46	1.053	1.053	NO	91.65		0.330	91.65
48	48 PCB-68	1.32e3	0.96	YES	1.28	5.015	33.72	33.72	1.061	1.061	NO	2.809		0.307	2.537
49	49 PCB-40	4.01e3	0.88	NO	0.602	5.015	33.95	33.94	1.068	1.068	NO	18.07		0.651	18.07
50	50 PCB-57	3.48e2	0.55	YES	1.16	5.015	34.30	34.32	0.969	0.970	NO	0.7108		0.283	0.5890
51	51 PCB-67	1.42e3	0.81	NO	1.08	5.015	34.62	34.63	0.978	0.978	NO	3.144		0.304	3.144
52	52 PCB-58	4.93e2	0.44	YES	1.20	5.015	34.74	34.74	0.982	0.982	NO	0.9066		0.273	0.6967
53	53 PCB-63	2.40e3	0.73	NO	1.07	5.015	34.90	34.89	0.986	0.986	NO	5.400		0.307	5.400
54	54 PCB-74	3.01e4	0.75	NO	1.19	5.015	35.20	35.21	0.994	0.995	NO	61.18		0.278	61.18
55	55 PCB-61/70	6.73e4	0.78	NO	1.05	5.015	35.41	35.41	1.000	1.001	NO	153.7		0.312	153.7
56	56 PCB-76/66	6.08e4	0.77	NO	1.16	5.015	35.60	35.64	1.006	1.007	NO	125.8		0.283	125.8
57	57 PCB-80			NO	1.19	5.015	35.86		1.001		YES			0.277	
58	58 PCB-55	7.72e2	0.56	YES	1.17	5.015	36.18	36.16	1.010	1.009	NO	1.546		0.261	1.270
59	59 PCB-56/60	2.88e4	0.82	NO	1.02	5.015	36.70	36.70	1.024	1.024	NO	66.28		0.323	66.28
60	60 PCB-79	1.25e3	0.84	NO	1.14	5.015	37.80	37.81	1.055	1.055	NO	2.579		0.288	2.579
61	61 PCB-78			NO	1.14	5.015	38.52		0.987		YES			0.308	
62	62 PCB-81			NO	1.05	5.015	39.06		1.000		YES			0.334	
63	63 PCB-77	5.99e3	0.72	NO	1.14	5.015	39.68	39.68	1.000	1.000	NO	13.11		0.302	13.11
64	64 PCB-104			NO	1.12	5.015	32.49		1.001		YES			0.597	
65	65 PCB-96	7.95e2	1.55	NO	1.15	5.015	33.81	33.76	1.041	1.040	NO	3.104		0.581	3.104
66	66 PCB-103	1.58e3	2.10	YES	0.936	5.015	34.38	34.33	1.059	1.057	NO	7.589		0.715	6.262
67	67 PCB-100	1.48e3	1.61	NO	0.954	5.015	34.73	34.69	1.069	1.068	NO	7.004		0.703	7.004
68	68 PCB-94	4.35e2	1.05	YES	0.949	5.015	35.19	35.17	0.985	0.985	NO	2.670		0.916	2.244



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	3.44e4	1.53	NO	1.20	5.015	35.67	35.73	0.999	1.001	NO	166.4		0.722	166.4
70	70 PCB-93			NO	0.935	5.015	35.79		1.002		YES			0.930	
71	71 PCB-88/91	6.59e3	1.56	NO	1.06	5.015	36.14	36.14	1.012	1.012	NO	36.06		0.817	36.06
72	72 PCB-121			NO	1.71	5.015	36.23		1.015		YES			0.509	
73	73 PCB-84/92	1.69e4	1.73	NO	1.02	5.015	37.08	37.09	0.990	0.991	NO	96.14		0.879	96.14
74	74 PCB-89	2.29e2	3.41	YES	1.11	5.015	37.25	37.28	0.995	0.996	NO	1.281		0.810	0.6965
75	75 PCB-90/101	4.92e4	1.59	NO	1.12	5.015	37.46	37.48	1.000	1.001	NO	253.5		0.797	253.5
76	76 PCB-113			NO	1.51	5.015	37.70		1.007		YES			0.591	
77	77 PCB-99	2.35e4	1.58	NO	1.32	5.015	37.79	37.81	1.009	1.010	NO	102.8		0.677	102.8
78	78 PCB-119	3.04e3	1.23	YES	1.81	5.015	38.30	38.30	0.987	0.987	NO	10.85		0.544	9.818
79	79 PCB-108/112	1.97e3	1.82	YES	1.44	5.015	38.45	38.47	0.991	0.991	NO	8.760		0.680	7.970
80	80 PCB-83			NO	1.83	5.015	38.61		0.995		YES			0.536	
81	81 PCB-97	1.04e4	1.60	NO	1.28	5.015	38.82	38.82	1.000	1.000	NO	52.09		0.767	52.09
82	82 PCB-86			NO	1.12	5.015	38.97		1.004		YES			0.880	
83	83 PCB-87/117/125	1.31e4	1.63	NO	1.56	5.015	39.12	39.12	1.008	1.008	NO	54.09		0.630	54.09
84	84 PCB-111/115	6.07e2	1.36	NO	1.91	5.015	39.27	39.25	1.012	1.012	NO	2.044		0.514	2.044
85	85 PCB-85/116	6.39e3	1.69	NO	1.41	5.015	39.40	39.38	1.015	1.015	NO	29.14		0.696	29.14
86	86 PCB-120	4.86e2	1.25	YES	2.01	5.015	39.66	39.62	1.022	1.021	NO	1.559		0.490	1.423
87	87 PCB-110	5.80e4	1.70	NO	1.74	5.015	39.79	39.79	1.026	1.025	NO	214.2		0.564	214.2
88	88 PCB-82	3.29e3	1.30	YES	0.781	5.015	40.44	40.42	0.976	0.975	NO	21.53		0.927	19.94
89	89 PCB-124	1.79e3	1.67	NO	1.40	5.015	41.15	41.15	0.993	0.993	NO	6.537		0.558	6.537
90	90 PCB-107/109	4.41e3	1.42	NO	1.34	5.015	41.29	41.31	0.996	0.997	NO	16.82		0.580	16.82
91	91 PCB-123	8.39e2	1.14	YES	1.20	5.015	41.46	41.48	1.000	1.001	NO	3.579		0.550	3.128
92	92 PCB-106/118	4.70e4	1.65	NO	1.22	5.015	41.67	41.65	1.001	1.000	NO	189.7		0.601	189.7
93	93 PCB-114	1.30e3	1.81	YES	1.14	5.015	42.33	42.32	1.000	1.000	NO	2.910		0.600	2.652
94	94 PCB-122	5.74e2	1.63	NO	0.944	5.015	42.47	42.47	1.004	1.004	NO	1.557		0.725	1.557
95	95 PCB-105	2.35e4	1.62	NO	1.05	5.015	43.21	43.21	1.000	1.000	NO	57.87		0.654	57.87
96	96 PCB-127			NO	1.06	5.015	43.55		1.000		YES			0.652	
97	97 PCB-126	4.93e2	1.54	NO	1.17	5.015	45.52	45.53	1.000	1.000	NO	1.079		0.599	1.079
98	98 PCB-155			NO	1.04	5.015	37.00		1.000		YES			0.869	
99	99 PCB-150	2.27e2	1.75	YES	1.08	5.015	38.32	38.30	1.036	1.036	NO	2.179		0.827	1.776
100	1... PCB-152			NO	1.19	5.015	38.80		1.049		YES			0.764	
101	1... PCB-145			NO	1.19	5.015	39.27		1.062		YES			0.763	
102	1... PCB-136	4.57e3	1.27	NO	1.02	5.015	39.60	39.60	1.071	1.071	NO	46.52		0.888	46.52
103	1... PCB-148			NO	0.842	5.015	39.71		1.074		YES			1.08	
104	1... PCB-154	8.64e2	1.28	NO	0.919	5.015	40.22	40.21	1.088	1.088	NO	9.756		0.987	9.756

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	6.63e3	1.28	NO	0.787	5.015	40.88	40.87	1.105	1.105	NO	87.50		1.15	87.50
106	1... PCB-135	3.39e3	1.21	NO	0.922	5.015	41.09	41.09	1.111	1.111	NO	38.21		0.983	38.21
107	1... PCB-144	8.75e2	1.54	YES	0.789	5.015	41.20	41.20	1.114	1.114	NO	11.81		1.15	10.15
108	1... PCB-147	7.30e2	1.16	NO	0.834	5.015	41.33	41.35	1.118	1.118	NO	9.084		1.09	9.084
109	1... PCB-139/149	2.05e4	1.31	NO	0.948	5.015	41.62	41.59	1.125	1.125	NO	224.4		0.957	224.4
110	1... PCB-140	2.77e2	1.60	YES	0.794	5.015	41.80	41.80	1.130	1.130	NO	3.624		1.14	3.119
111	1... PCB-134/143	3.52e3	1.48	YES	0.759	5.015	42.28	42.27	0.975	0.975	NO	15.53		0.541	14.05
112	1... PCB-131/133	2.26e3	1.29	NO	0.821	5.015	42.58	42.55	0.982	0.981	NO	9.231		0.500	9.231
113	1... PCB-142			NO	0.754	5.015	42.72		0.985		YES			0.544	
114	1... PCB-146/165	1.71e4	1.22	NO	1.02	5.015	42.97	42.97	0.991	0.991	NO	56.37		0.404	56.37
115	1... PCB-132/161	2.14e4	1.24	NO	1.02	5.015	43.20	43.25	0.996	0.997	NO	70.03		0.401	70.03
116	1... PCB-153	9.47e4	1.25	NO	1.07	5.015	43.38	43.38	1.000	1.000	NO	296.0		0.384	296.0
117	1... PCB-168			NO	1.08	5.015	43.61		1.006		YES			0.381	
118	1... PCB-141	1.33e4	1.23	NO	1.03	5.015	44.14	44.14	1.000	1.000	NO	50.98		0.463	50.98
119	1... PCB-137	2.49e3	1.11	NO	1.11	5.015	44.54	44.54	1.010	1.009	NO	8.811		0.428	8.811
120	1... PCB-130	5.01e3	1.32	NO	0.885	5.015	44.64	44.65	1.012	1.012	NO	22.27		0.536	22.27
121	1... PCB-138/163/164	9.28e4	1.24	NO	1.28	5.015	45.03	45.03	1.001	1.001	NO	281.3		0.367	281.3
122	1... PCB-158/160	8.33e3	1.20	NO	1.24	5.015	45.28	45.26	1.006	1.006	NO	26.12		0.380	26.12
123	1... PCB-129	2.18e3	1.32	NO	0.867	5.015	45.54	45.53	1.012	1.012	NO	9.779		0.544	9.779
124	1... PCB-166	2.50e2	1.32	NO	1.14	5.015	46.01	45.98	0.993	0.993	NO	0.7120		0.351	0.7120
125	1... PCB-159			NO	1.22	5.015	46.34		1.000		YES			0.330	
126	1... PCB-128/162	1.00e4	1.17	NO	0.907	5.015	46.63	46.62	1.007	1.007	NO	35.94		0.442	35.94
127	1... PCB-167	3.15e3	1.06	NO	1.11	5.015	47.04	47.04	1.000	1.000	NO	9.232		0.364	9.232
128	1... PCB-156	7.97e3	1.24	NO	1.13	5.015	48.37	48.37	1.000	1.000	NO	23.35		0.359	23.35
129	1... PCB-157	1.43e3	1.20	NO	1.04	5.015	48.67	48.65	1.001	1.000	NO	4.526		0.385	4.526
130	1... PCB-169			NO	1.16	5.015	50.93		1.000		YES			0.377	
131	1... PCB-188	1.52e2	0.99	NO	1.29	5.015	43.02	43.01	1.001	1.000	NO	0.5719		0.279	0.5719
132	1... PCB-184			NO	1.23	5.015	43.45		1.011		YES			0.292	
133	1... PCB-179	1.23e4	1.05	NO	1.30	5.015	44.28	44.28	1.030	1.030	NO	45.83		0.277	45.83
134	1... PCB-176	3.35e3	1.11	NO	1.31	5.015	44.74	44.75	1.041	1.041	NO	12.40		0.275	12.40
135	1... PCB-186			NO	1.33	5.015	45.37		1.055		YES			0.271	
136	1... PCB-178	4.48e3	1.07	NO	0.943	5.015	45.89	45.89	1.067	1.067	NO	23.01		0.382	23.01
137	1... PCB-175	7.30e2	0.92	NO	0.956	5.015	46.24	46.24	1.076	1.076	NO	3.700		0.377	3.700
138	1... PCB-182/187	2.90e4	1.04	NO	1.07	5.015	46.42	46.40	1.080	1.079	NO	131.9		0.338	131.9
139	1... PCB-183	1.16e4	1.03	NO	1.02	5.015	46.76	46.76	1.088	1.088	NO	54.85		0.352	54.85
140	1... PCB-185	2.14e3	1.01	NO	1.41	5.015	47.42	47.42	0.955	0.955	NO	11.07		0.406	11.07

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
141	1... PCB-174	1.95e4	1.09	NO	1.35	5.015	47.81	47.80	0.962	0.962	NO	104.7		0.422	104.7
142	1... PCB-181			NO	1.47	5.015	47.90		0.964		YES			0.387	
143	1... PCB-177	1.09e4	1.08	NO	1.28	5.015	48.06	48.08	0.968	0.968	NO	61.98		0.447	61.98
144	1... PCB-171	4.69e3	1.12	NO	1.32	5.015	48.36	48.39	0.974	0.974	NO	25.93		0.434	25.93
145	1... PCB-173	3.92e2	1.68	YES	1.19	5.015	48.80	48.82	0.983	0.983	NO	2.396		0.400	1.835
146	1... PCB-172	2.76e3	1.02	NO	1.38	5.015	49.28	49.29	0.992	0.992	NO	14.60		0.415	14.60
147	1... PCB-192			NO	1.83	5.015	49.47		0.996		YES			0.313	
148	1... PCB-180	4.40e4	1.04	NO	1.41	5.015	49.69	49.69	1.000	1.000	NO	226.8		0.404	226.8
149	1... PCB-193	2.62e3	0.93	NO	1.68	5.015	49.90	49.92	1.005	1.005	NO	11.35		0.341	11.35
150	1... PCB-191	8.03e2	1.03	NO	1.71	5.015	50.17	50.19	1.010	1.010	NO	3.418		0.334	3.418
151	1... PCB-170	1.63e4	1.06	NO	1.40	5.015	51.38	51.38	1.000	1.000	NO	95.54		0.449	95.54
152	1... PCB-190	4.64e3	1.02	NO	1.85	5.015	51.57	51.57	1.004	1.004	NO	20.62		0.340	20.62
153	1... PCB-189	6.96e2	0.87	YES	1.45	5.015	53.09	53.10	1.000	1.001	NO	3.220		0.314	2.933
154	1... PCB-202	1.90e3	1.04	YES	1.17	5.015	48.61	48.59	1.001	1.000	NO	13.98		0.295	12.95
155	1... PCB-201	1.29e3	1.57	YES	1.05	5.015	49.10	49.11	1.011	1.011	NO	10.52		0.408	7.728
156	1... PCB-204			NO	1.14	5.015	49.25		1.014		YES			0.405	
157	1... PCB-197	2.44e2	0.55	YES	1.13	5.015	49.57	49.56	1.020	1.020	NO	1.850		0.407	1.394
158	1... PCB-200	1.09e3	0.95	NO	1.07	5.015	50.50	50.51	1.040	1.040	NO	8.733		0.431	8.733
159	1... PCB-198	3.87e2	0.52	YES	0.794	5.015	52.08	52.06	1.072	1.072	NO	4.191		0.591	3.026
160	1... PCB-199	6.26e3	0.94	NO	0.809	5.015	52.18	52.19	1.074	1.075	NO	66.48		0.570	66.48
161	1... PCB-196/203	7.81e3	1.00	NO	0.838	5.015	52.50	52.50	1.081	1.081	NO	80.17		0.551	80.17
162	1... PCB-195	4.46e3	0.73	YES	1.04	5.015	53.80	53.79	0.984	0.983	NO	20.15		0.399	18.11
163	1... PCB-194	1.27e4	0.92	NO	1.12	5.015	54.72	54.72	1.000	1.000	NO	53.84		0.373	53.84
164	1... PCB-205	6.47e2	0.76	NO	1.29	5.015	54.98	54.98	1.005	1.005	NO	2.366		0.323	2.366
165	1... PCB-208	2.66e3	1.27	NO	0.933	5.015	53.94	53.96	1.000	1.001	NO	11.28		0.317	11.28
166	1... PCB-207	1.16e3	1.22	NO	0.916	5.015	54.26	54.29	1.006	1.007	NO	5.012		0.323	5.012
167	1... PCB-206	6.71e3	1.20	NO	1.01	5.015	56.24	56.24	1.000	1.000	NO	39.45		0.417	39.45
168	1... PCB-209	6.89e3	1.16	NO	0.986	5.015	57.47	57.48	1.000	1.000	NO	46.37		0.154	46.37
169	1... 13C-PCB-1	9.34e5	3.25	NO	0.893	5.015	15.51	15.52	0.608	0.608	NO	1211	60.7	1.69	
170	1... 13C-PCB-3	1.06e6	3.26	NO	0.911	5.015	18.16	18.17	0.712	0.712	NO	1349	67.7	1.66	
171	1... 13C-PCB-4	7.88e5	1.59	NO	0.600	5.015	19.51	19.51	0.765	0.765	NO	1521	76.3	0.622	
172	1... 13C-PCB-9	1.35e6	1.57	NO	0.970	5.015	21.34	21.34	0.836	0.836	NO	1615	81.0	0.385	
173	1... 13C-PCB-11	1.50e6	1.59	NO	0.962	5.015	24.78	24.80	0.971	0.972	NO	1809	90.7	0.388	
174	1... 13C-PCB-19	5.75e5	1.07	NO	0.499	5.015	23.75	23.76	0.931	0.931	NO	1335	67.0	7.96	
175	1... 13C-PCB-32	8.83e5	1.05	NO	0.744	5.015	26.73	26.74	1.048	1.048	NO	1374	68.9	5.33	
176	1... 13C-PCB-28	1.44e6	1.02	NO	1.06	5.015	28.77	28.75	1.004	1.003	NO	2026	102	5.98	



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.29e6	1.03	NO	0.989	5.015	32.75	32.79	1.143	1.144	NO	1964	98.5	6.43	
178	1... 13C-PCB-54	8.18e5	0.79	NO	0.999	5.015	27.62	27.60	0.753	0.752	NO	1862	93.4	1.58	
179	1... 13C-PCB-52	6.96e5	0.78	NO	0.804	5.015	31.26	31.25	0.852	0.852	NO	1969	98.7	1.96	
180	1... 13C-PCB-47	7.35e5	0.79	NO	0.857	5.015	31.78	31.78	0.866	0.867	NO	1950	97.8	1.84	
181	1... 13C-PCB-70	8.28e5	0.79	NO	0.996	5.015	35.41	35.40	0.965	0.965	NO	1891	94.8	1.58	
182	1... 13C-PCB-80	8.51e5	0.80	NO	1.03	5.015	35.84	35.84	0.977	0.977	NO	1884	94.5	1.53	
183	1... 13C-PCB-81	8.16e5	0.80	NO	0.988	5.015	39.04	39.04	1.064	1.064	NO	1879	94.2	1.60	
184	1... 13C-PCB-77	8.01e5	0.80	NO	0.969	5.015	39.66	39.66	1.081	1.081	NO	1881	94.3	1.63	
185	1... 13C-PCB-104	4.43e5	1.62	NO	1.02	5.015	32.46	32.47	0.827	0.827	NO	1958	98.2	0.938	
186	1... 13C-PCB-95	3.42e5	1.63	NO	0.805	5.015	35.71	35.71	0.910	0.910	NO	1911	95.8	1.18	
187	1... 13C-PCB-101	3.45e5	1.63	NO	0.793	5.015	37.46	37.44	0.954	0.954	NO	1955	98.0	1.20	
188	1... 13C-PCB-97	3.10e5	1.69	NO	0.696	5.015	38.80	38.80	0.989	0.989	NO	2000	100	1.37	
189	1... 13C-PCB-123	3.90e5	1.65	NO	0.933	5.015	41.44	41.44	1.056	1.056	NO	1879	94.2	1.02	
190	1... 13C-PCB-118	4.05e5	1.71	NO	0.986	5.015	41.63	41.63	1.061	1.061	NO	1847	92.6	0.967	
191	1... 13C-PCB-114	7.79e5	1.61	NO	1.55	5.015	42.30	42.31	0.908	0.908	NO	2210	111	1.40	
192	1... 13C-PCB-105	7.71e5	1.60	NO	1.57	5.015	43.19	43.19	0.927	0.927	NO	2154	108	1.37	
193	1... 13C-PCB-127	7.97e5	1.61	NO	1.62	5.015	43.55	43.54	0.934	0.934	NO	2153	108	1.33	
194	1... 13C-PCB-126	7.77e5	1.55	NO	1.57	5.015	45.51	45.51	0.976	0.976	NO	2176	109	1.38	
195	1... 13C-PCB-155	1.92e5	1.41	NO	0.615	5.015	36.98	36.98	0.942	0.942	NO	1404	70.4	0.568	
196	1... 13C-PCB-153	5.96e5	1.27	NO	1.36	5.015	43.36	43.37	0.930	0.930	NO	1917	96.1	1.37	
197	1... 13C-PCB-141	5.07e5	1.28	NO	1.13	5.015	44.13	44.12	0.947	0.947	NO	1972	98.9	1.66	
198	1... 13C-PCB-138	5.13e5	1.26	NO	1.18	5.015	44.99	44.99	0.965	0.965	NO	1900	95.3	1.58	
199	1... 13C-PCB-159	6.14e5	1.26	NO	1.44	5.015	46.32	46.32	0.994	0.994	NO	1872	93.9	1.30	
200	2... 13C-PCB-167	6.14e5	1.26	NO	1.44	5.015	47.02	47.02	1.009	1.009	NO	1871	93.8	1.30	
201	2... 13C-PCB-156	6.04e5	1.27	NO	1.40	5.015	48.34	48.35	1.037	1.037	NO	1899	95.2	1.34	
202	2... 13C-PCB-157	6.06e5	1.25	NO	1.40	5.015	48.63	48.63	1.043	1.043	NO	1903	95.4	1.34	
203	2... 13C-PCB-169	5.72e5	1.28	NO	1.33	5.015	50.91	50.91	1.092	1.092	NO	1888	94.6	1.40	
204	2... 13C-PCB-188	4.12e5	0.44	NO	1.41	5.015	42.98	42.99	0.926	0.926	NO	1943	97.4	1.19	
205	2... 13C-PCB-180	2.74e5	0.46	NO	0.929	5.015	49.67	49.67	1.070	1.070	NO	1962	98.4	1.81	
206	2... 13C-PCB-170	2.42e5	0.47	NO	0.794	5.015	51.35	51.36	1.106	1.107	NO	2029	102	2.11	
207	2... 13C-PCB-189	2.97e5	0.45	NO	1.04	5.015	53.09	53.06	1.144	1.143	NO	1890	94.8	1.61	
208	2... 13C-PCB-202	2.32e5	0.93	NO	1.04	5.015	48.57	48.58	1.046	1.047	NO	1489	74.7	0.878	
209	2... 13C-PCB-194	4.23e5	0.89	NO	0.768	5.015	54.71	54.70	0.995	0.995	NO	1899	95.2	2.42	
210	2... 13C-PCB-208	5.05e5	0.80	NO	0.991	5.015	53.93	53.93	0.981	0.981	NO	1758	88.2	1.76	
211	2... 13C-PCB-206	3.37e5	0.80	NO	0.552	5.015	56.22	56.22	1.023	1.023	NO	2104	106	3.16	
212	2... 13C-PCB-209	3.00e5	1.23	NO	0.396	5.015	57.48	57.47	1.046	1.046	NO	2615	131	0.266	



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 3:08:04 PM Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.72e6	1.60	NO	1.00	5.015	25.51	25.51	1.000	0.000	NO	1994	100	0.373	
214	2... 13C-PCB-31	1.33e6	1.03	NO	1.00	5.015	28.64	28.66	1.000	0.000	NO	1994	100	6.36	
215	2... 13C-PCB-60	8.77e5	0.79	NO	1.00	5.015	36.66	36.68	1.000	0.000	NO	1994	100	1.58	
216	2... 13C-PCB-111	4.44e5	1.64	NO	1.00	5.015	39.23	39.25	1.000	0.000	NO	1994	100	0.953	
217	2... 13C-PCB-128	4.54e5	1.27	NO	1.00	5.015	46.59	46.60	1.000	0.000	NO	1994	100	1.87	
218	2... 13C-PCB-182	3.00e5	0.47	NO	1.00	5.015	46.40	46.42	0.000	0.000	NO	1994	100	1.68	
219	2... 13C-PCB-205	5.78e5	0.92	NO	1.00	5.015	54.97	54.97	1.000	0.000	NO	1994	100	1.86	
220	2... 13C-PCB-79	9.16e5	0.79	NO	1.07	5.015	37.78	37.78	1.030	1.030	NO	1949	97.7	1.48	
221	2... 13C-PCB-178	2.92e5	0.45	NO	0.766	5.015	45.86	45.87	0.988	0.988	NO	1672	83.8	1.50	
222	2... 13C-PCB-79	9.16e5	0.79	NO	1.08	5.015	37.78	37.78	0.968	0.968	NO	2068	104	1.66	
223	2... 13C-PCB-178	2.92e5	0.45	NO	1.05	5.015	45.85	45.87	0.923	0.923	NO	2021	101	1.89	
224	2... Total Mono-PCBs				1.17	5.015	0.00		0.000		NO	12.28		0.993	15.26
225	2... Total Di-PCBs				1.05	5.015	0.00		0.000		NO	121.4		6.66	121.4
226	2... 2nd Function Tri-PCBs				1.08	5.015	0.00		0.000		NO	143.2		3.81	156.2
227	2... 3rd Function Tri-PCBs				0.983	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	2... Total Tetra-PCBs				1.08	5.015	0.00		0.000		NO	1052		17.1	1058
229	2... 3rd Function Penta-PCBs				1.32	5.015	0.00		0.000		NO	1230		15.9	1281
230	2... 4th Function Penta-PCBs				1.07	5.015	0.00		0.000		NO	60.51		3.28	63.16
231	2... 3rd Function Hexa-PCBs				0.951	5.015	0.00		0.000		NO	415.4		12.7	430.5
232	2... 4th Function Hexa-PCBs				1.03	5.015	0.00		0.000		NO	904.6		8.48	918.7
233	2... Total Hepta-PCBs				1.36	5.015	0.00		0.000		NO	848.3		8.33	853.0
234	2... 4th Function Octa-PCBs				1.00	5.015	0.00		0.000		NO	155.4		3.78	180.5
235	2... 5th Function Octa-PCBs				1.15	5.015	0.00		0.000		NO	56.21		1.89	74.31
236	2... Total Nona-PCBs				0.952	5.015	0.00		0.000		NO	55.74		1.86	55.74
237	2... Deca-CB				0.986	5.015	0.00		0.000		NO	46.37		0.154	46.37
238	2... Total PCBs														

Handwritten notes on the right side of the table:

- > 483.0 -
- > 499.7 -
- > 1290.51 -
- > 1320.0 -
- > 1344.16 -
- > 1349.2 -
- > 211.61 -
- > 254.81 -

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\cb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**Total Mono-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-1	15.53	15.53	2.552e4	6.617e3	1.824e3	3.952e2	4.62	YES	2.219e3	0.00000	2.9814	0.334
2 PCB-2	17.95	17.94	5.778e4	2.183e4	3.490e3	1.232e3	2.83	NO	4.722e3	7.5010	7.5010	0.295
3 PCB-3	18.18	18.18	3.449e4	1.148e4	2.213e3	7.061e2	3.13	NO	2.919e3	4.7760	4.7760	0.304

**Total Di-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-4/10	19.59	19.53	7.411e4	4.601e4	4.647e3	3.045e3	1.53	NO	7.691e3	15.602	15.602	1.11
2 PCB-6	22.05	22.05	5.704e4	3.808e4	3.668e3	2.680e3	1.37	NO	6.348e3	9.1469	9.1469	0.787
3 PCB-5/8	22.45	22.44	2.693e5	1.663e5	1.764e4	1.099e4	1.61	NO	2.863e4	42.545	42.545	0.812
4 PCB-11	24.82	24.82	2.151e5	1.302e5	1.489e4	9.964e3	1.49	NO	2.485e4	29.294	29.294	0.724
5 PCB-15	25.57	25.54	1.923e5	1.114e5	1.209e4	7.285e3	1.66	NO	1.938e4	24.861	24.861	0.788

**2nd Function Tri-PCBs**

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-19	23.79	23.78	3.744e4	3.059e4	2.551e3	2.022e3	1.26	YES	4.573e3	0.00000	12.927	0.782
2 PCB-18	25.45	25.46	1.830e5	1.834e5	1.144e4	1.128e4	1.01	NO	2.272e4	62.775	62.775	0.685
3 PCB-17	25.63	25.64	9.343e4	8.581e4	5.896e3	5.703e3	1.03	NO	1.160e4	34.549	34.549	0.739
4 PCB-24/27	26.24	26.21	2.305e4	1.955e4	1.685e3	1.490e3	1.13	NO	3.174e3	6.6272	6.6272	0.518
5 PCB-16/32	26.76	26.76	8.511e4	7.435e4	8.299e3	7.789e3	1.07	NO	1.609e4	39.273	39.273	0.605

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

3rd Function Tri-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-34	27.56	27.58	5.375e3	6.624e3	4.030e2	5.312e2	0.76	YES	9.342e2	0.00000	1.1612	0.599
2 PCB-29	27.91	27.91	4.729e3	2.914e3	3.139e2	2.091e2	1.50	YES	5.231e2	0.00000	0.66368	0.635
3 PCB-26	28.14	28.14	8.708e4	8.647e4	6.778e3	6.442e3	1.05	NO	1.322e4	19.451	19.451	0.600
4 PCB-25	28.29	28.31	4.570e4	4.991e4	3.730e3	3.794e3	0.98	NO	7.524e3	11.002	11.002	0.596
5 PCB-31	28.66	28.68	4.293e5	4.260e5	2.995e4	3.058e4	0.98	NO	6.053e4	81.117	81.117	0.547
6 PCB-28	28.77	28.77	5.351e5	5.271e5	4.293e4	4.124e4	1.04	NO	8.418e4	114.05	114.05	0.553
7 PCB-20/21/33	29.41	29.44	2.196e5	2.152e5	1.785e4	1.708e4	1.04	NO	3.493e4	51.539	51.539	0.602
8 PCB-22	29.85	29.87	1.396e5	1.367e5	1.066e4	1.012e4	1.05	NO	2.079e4	29.676	29.676	0.582
9 PCB-35	32.36	32.38	9.346e3	7.326e3	7.865e2	6.255e2	1.26	YES	1.412e3	0.00000	1.8847	0.589
10 PCB-37	32.81	32.81	1.439e5	1.377e5	1.102e4	1.056e4	1.04	NO	2.158e4	32.968	32.968	0.609

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

Total Tetra-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.62	27.62	7.977e3	1.247e4	6.764e2	9.255e2	0.73	NO	1.602e3	3.6163	3.6163	0.297
2	PCB-50	28.81	28.81	2.162e3	2.263e3	1.290e2	2.165e2	0.60	YES	3.455e2	0.00000	0.82191	0.364
3	PCB-53	29.50	29.50	4.713e4	5.892e4	3.448e3	4.396e3	0.78	NO	7.843e3	22.546	22.546	0.406
4	PCB-51	29.84	29.85	2.543e4	3.997e4	2.045e3	3.102e3	0.66	NO	5.147e3	13.843	13.843	0.380
5	PCB-45	30.29	30.30	2.036e4	2.756e4	1.638e3	2.053e3	0.80	NO	3.690e3	12.317	12.317	0.471
6	PCB-46	30.78	30.80	1.099e4	1.234e4	7.574e2	1.007e3	0.75	NO	1.765e3	6.0863	6.0863	0.487
7	PCB-52/69	31.28	31.28	3.060e5	4.033e5	2.401e4	3.195e4	0.75	NO	5.596e4	137.44	137.44	0.347
8	PCB-73	31.39	31.43	3.007e3	2.542e3	2.033e2	1.652e2	1.23	YES	3.686e2	0.00000	0.58065	0.280
9	PCB-43/49	31.57	31.60	2.273e5	2.726e5	1.771e4	2.215e4	0.80	NO	3.986e4	112.39	112.39	0.398
10	PCB-47	31.80	31.82	1.080e5	1.444e5	9.526e3	1.234e4	0.77	NO	2.186e4	64.350	64.350	0.425
11	PCB-48/75	31.92	31.93	3.553e4	4.910e4	2.875e3	3.512e3	0.82	NO	6.387e3	15.470	15.470	0.350
12	PCB-44	32.64	32.64	1.628e5	2.148e5	1.180e4	1.585e4	0.74	NO	2.765e4	91.043	91.043	0.476
13	PCB-42/59	32.87	32.86	6.696e4	8.835e4	5.210e3	7.082e3	0.74	NO	1.229e4	31.776	31.776	0.374
14	PCB-41/64/71/72	33.47	33.46	2.142e5	2.692e5	1.764e4	2.246e4	0.79	NO	4.010e4	91.646	91.646	0.330
15	PCB-68	33.72	33.72	8.490e3	8.775e3	6.477e2	6.750e2	0.96	YES	1.323e3	0.00000	2.5370	0.307
16	PCB-40	33.95	33.94	2.409e4	2.669e4	1.881e3	2.128e3	0.88	NO	4.009e3	18.069	18.069	0.651
17	PCB-57	34.30	34.32	1.758e3	2.595e3	1.237e2	2.238e2	0.55	YES	3.475e2	0.00000	0.58897	0.283
18	PCB-67	34.62	34.63	7.927e3	1.040e4	6.344e2	7.808e2	0.81	NO	1.415e3	3.1444	3.1444	0.304
19	PCB-58	34.74	34.74	2.401e3	4.989e3	1.515e2	3.417e2	0.44	YES	4.932e2	0.00000	0.69667	0.273
20	PCB-63	34.90	34.89	1.365e4	1.768e4	1.017e3	1.386e3	0.73	NO	2.403e3	5.4002	5.4002	0.307
21	PCB-74	35.20	35.21	1.681e5	2.229e5	1.293e4	1.717e4	0.75	NO	3.010e4	61.176	61.176	0.278
22	PCB-61/70	35.41	35.41	3.830e5	4.807e5	2.937e4	3.790e4	0.78	NO	6.727e4	153.70	153.70	0.312
23	PCB-76/66	35.60	35.64	3.415e5	4.410e5	2.644e4	3.439e4	0.77	NO	6.083e4	125.82	125.82	0.283
24	PCB-55	36.18	36.16	3.145e3	4.596e3	2.757e2	4.960e2	0.56	YES	7.716e2	0.00000	1.2697	0.281
25	PCB-56/60	36.70	36.70	1.635e5	1.957e5	1.294e4	1.586e4	0.82	NO	2.880e4	66.276	66.276	0.323
26	PCB-79	37.80	37.81	6.570e3	7.149e3	5.727e2	6.809e2	0.84	NO	1.254e3	2.5792	2.5792	0.288
27	PCB-77	39.68	39.68	3.143e4	4.608e4	2.515e3	3.473e3	0.72	NO	5.987e3	13.111	13.111	0.302

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

## 3rd Function Penta-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.81	33.76	6.593e3	3.781e3	4.830e2	3.123e2	1.55	NO	7.953e2	3.1043	3.1043	0.581
2	PCB-103	34.38	34.33	1.359e4	5.487e3	1.069e3	5.086e2	2.10	YES	1.578e3	0.00000	6.2618	0.715
3	PCB-100	34.73	34.69	1.187e4	8.337e3	9.142e2	5.688e2	1.61	NO	1.483e3	7.0038	7.0038	0.703
4	PCB-94	35.19	35.17	2.687e3	1.917e3	2.228e2	2.123e2	1.05	YES	4.351e2	0.00000	2.2435	0.916
5	PCB-95/98/102	35.67	35.73	2.553e5	1.683e5	2.079e4	1.363e4	1.53	NO	3.442e4	166.42	166.42	0.722
6	PCB-88/91	36.14	36.14	5.142e4	3.433e4	4.015e3	2.578e3	1.56	NO	6.593e3	36.058	36.058	0.817
7	PCB-84/92	37.08	37.09	1.376e5	7.669e4	1.072e4	6.198e3	1.73	NO	1.691e4	96.140	96.140	0.879
8	PCB-89	37.25	37.28	2.427e3	7.820e2	1.775e2	5.197e1	3.41	YES	2.294e2	0.00000	0.69647	0.810
9	PCB-90/101	37.46	37.48	3.804e5	2.380e5	3.022e4	1.897e4	1.59	NO	4.919e4	253.46	253.46	0.797
10	PCB-99	37.79	37.81	1.842e5	1.101e5	1.438e4	9.106e3	1.58	NO	2.348e4	102.83	102.83	0.677
11	PCB-119	38.30	38.30	2.227e4	1.729e4	1.678e3	1.364e3	1.23	YES	3.043e3	0.00000	9.8182	0.544
12	PCB-108/112	38.45	38.47	1.575e4	9.408e3	1.272e3	6.990e2	1.82	YES	1.971e3	0.00000	7.9703	0.680
13	PCB-97	38.82	38.82	8.462e4	5.294e4	6.380e3	3.995e3	1.60	NO	1.038e4	52.086	52.086	0.767
14	PCB-87/117/125	39.12	39.12	9.796e4	6.346e4	8.121e3	4.981e3	1.63	NO	1.310e4	54.091	54.091	0.630
15	PCB-111/115	39.27	39.25	6.003e3	4.489e3	3.496e2	2.571e2	1.36	NO	6.067e2	2.0437	2.0437	0.514
16	PCB-85/116	39.40	39.38	4.794e4	2.740e4	4.016e3	2.372e3	1.69	NO	6.388e3	29.139	29.139	0.696
17	PCB-120	39.66	39.62	3.746e3	2.154e3	2.701e2	2.156e2	1.25	YES	4.857e2	0.00000	1.4229	0.490
18	PCB-110	39.79	39.79	4.666e5	2.798e5	3.649e4	2.151e4	1.70	NO	5.799e4	214.18	214.18	0.564
19	PCB-82	40.44	40.42	2.209e4	1.714e4	1.858e3	1.434e3	1.30	YES	3.291e3	0.00000	19.944	0.997
20	PCB-124	41.15	41.15	1.160e4	8.154e3	1.117e3	6.697e2	1.67	NO	1.786e3	6.5375	6.5375	0.558
21	PCB-107/109	41.29	41.31	3.171e4	2.265e4	2.590e3	1.825e3	1.42	NO	4.415e3	16.819	16.819	0.580
22	PCB-123	41.46	41.48	5.774e3	4.545e3	4.467e2	3.918e2	1.14	YES	8.385e2	0.00000	3.1280	0.650
23	PCB-106/118	41.67	41.65	3.719e5	2.212e5	2.922e4	1.775e4	1.65	NO	4.697e4	189.65	189.65	0.601

## 4th Function Penta-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.33	42.32	7.770e3	5.374e3	8.352e2	4.615e2	1.81	YES	1.297e3	0.00000	2.6518	0.600
2	PCB-122	42.47	42.47	4.040e3	2.279e3	3.561e2	2.182e2	1.63	NO	5.742e2	1.5574	1.5574	0.725
3	PCB-105	43.21	43.21	1.840e5	1.160e5	1.455e4	8.977e3	1.62	NO	2.352e4	57.874	57.874	0.654
4	PCB-126	45.52	45.53	3.153e3	2.751e3	2.990e2	1.940e2	1.54	NO	4.930e2	1.0795	1.0795	0.599



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

3rd Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.32	38.30	1.809e3	9.380e2	1.447e2	8.276e1	1.75	YES	2.274e2	0.00000	1.7764	0.837
2	PCB-136	39.60	39.60	3.237e4	2.484e4	2.556e3	2.017e3	1.27	NO	4.574e3	46.516	46.516	0.888
3	PCB-154	40.22	40.21	6.321e3	5.259e3	4.845e2	3.791e2	1.28	NO	8.636e2	9.7564	9.7564	0.987
4	PCB-151	40.88	40.87	4.681e4	3.773e4	3.716e3	2.913e3	1.28	NO	6.629e3	87.497	87.497	1.15
5	PCB-135	41.09	41.09	2.359e4	1.948e4	1.861e3	1.534e3	1.21	NO	3.394e3	38.211	38.211	0.983
6	PCB-144	41.20	41.20	7.572e3	5.310e3	5.303e2	3.445e2	1.54	YES	8.748e2	0.00000	10.154	1.15
7	PCB-147	41.33	41.35	4.886e3	4.133e3	3.928e2	3.373e2	1.16	NO	7.301e2	9.0837	9.0837	1.09
8	PCB-139/149	41.62	41.59	1.433e5	1.129e5	1.163e4	8.854e3	1.31	NO	2.048e4	224.38	224.38	0.957
9	PCB-140	41.80	41.80	2.213e3	1.419e3	1.706e2	1.065e2	1.60	YES	2.770e2	0.00000	3.1195	1.14

4th Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.28	42.27	2.672e4	1.783e4	2.100e3	1.422e3	1.48	YES	3.522e3	0.00000	14.049	0.541
2	PCB-131/133	42.58	42.55	1.620e4	1.284e4	1.274e3	9.893e2	1.29	NO	2.263e3	9.2307	9.2307	0.500
3	PCB-146/165	42.97	42.97	1.204e5	9.425e4	9.394e3	7.727e3	1.22	NO	1.712e4	56.371	56.371	0.404
4	PCB-132/161	43.20	43.25	1.505e5	1.190e5	1.186e4	9.565e3	1.24	NO	2.143e4	70.034	70.034	0.401
5	PCB-153	43.38	43.38	6.843e5	5.437e5	5.262e4	4.204e4	1.25	NO	9.467e4	295.98	295.98	0.384
6	PCB-141	44.14	44.14	8.939e4	7.513e4	7.341e3	5.955e3	1.23	NO	1.330e4	50.976	50.976	0.463
7	PCB-137	44.54	44.54	1.786e4	1.697e4	1.308e3	1.177e3	1.11	NO	2.486e3	8.8111	8.8111	0.428
8	PCB-130	44.64	44.65	3.296e4	2.460e4	2.853e3	2.156e3	1.32	NO	5.008e3	22.265	22.265	0.536
9	PCB-138/163/164	45.03	45.03	5.486e5	4.394e5	5.148e4	4.136e4	1.24	NO	9.284e4	281.29	281.29	0.367
10	PCB-158/160	45.28	45.26	5.756e4	4.614e4	4.540e3	3.788e3	1.20	NO	8.328e3	26.118	26.118	0.380
11	PCB-129	45.54	45.53	1.506e4	1.120e4	1.241e3	9.388e2	1.32	NO	2.179e3	9.7792	9.7792	0.544
12	PCB-166	46.01	45.98	1.744e3	1.101e3	1.426e2	1.078e2	1.32	NO	2.505e2	0.71196	0.71196	0.351
13	PCB-128/162	46.63	46.62	6.503e4	5.684e4	5.416e3	4.621e3	1.17	NO	1.004e4	35.938	35.938	0.442
14	PCB-167	47.04	47.04	1.962e4	1.793e4	1.619e3	1.531e3	1.06	NO	3.150e3	9.2317	9.2317	0.364
15	PCB-156	48.37	48.37	5.418e4	4.615e4	4.409e3	3.557e3	1.24	NO	7.966e3	23.353	23.353	0.359
16	PCB-157	48.67	48.65	9.361e3	7.566e3	7.780e2	6.489e2	1.20	NO	1.427e3	4.5258	4.5258	0.385

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

Total Hepta-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-188	43.02	43.01	9.140e2	1.096e3	7.583e1	7.643e1	0.99	NO	1.523e2	0.57191	0.57191	0.279
2 PCB-179	44.28	44.28	7.905e4	7.477e4	6.284e3	5.996e3	1.05	NO	1.228e4	45.827	45.827	0.277
3 PCB-176	44.74	44.75	2.220e4	1.933e4	1.765e3	1.585e3	1.11	NO	3.350e3	12.402	12.402	0.275
4 PCB-178	45.89	45.89	3.012e4	2.612e4	2.314e3	2.166e3	1.07	NO	4.480e3	23.010	23.010	0.382
5 PCB-175	46.24	46.24	4.022e3	4.439e3	3.499e2	3.805e2	0.92	NO	7.304e2	3.7003	3.7003	0.377
6 PCB-182/187	46.42	46.40	1.872e5	1.744e5	1.478e4	1.426e4	1.04	NO	2.904e4	131.94	131.94	0.338
7 PCB-183	46.76	46.76	7.677e4	6.663e4	5.889e3	5.692e3	1.03	NO	1.158e4	54.851	54.851	0.352
8 PCB-185	47.42	47.42	1.258e4	1.309e4	1.074e3	1.064e3	1.01	NO	2.138e3	11.068	11.068	0.406
9 PCB-174	47.81	47.80	1.224e5	1.152e5	1.017e4	9.309e3	1.09	NO	1.948e4	104.71	104.71	0.422
10 PCB-177	48.06	48.08	6.705e4	6.359e4	5.643e3	5.241e3	1.08	NO	1.088e4	61.976	61.976	0.447
11 PCB-171	48.36	48.39	3.206e4	2.662e4	2.473e3	2.217e3	1.12	NO	4.690e3	25.926	25.926	0.434
12 PCB-173	48.80	48.82	3.066e3	1.908e3	2.455e2	1.464e2	1.68	YES	3.918e2	0.00000	1.8350	0.480
13 PCB-172	49.28	49.29	1.700e4	1.785e4	1.390e3	1.369e3	1.02	NO	2.759e3	14.596	14.596	0.415
14 PCB-180	49.69	49.69	2.733e5	2.632e5	2.244e4	2.155e4	1.04	NO	4.400e4	226.77	226.77	0.404
15 PCB-193	49.90	49.92	1.451e4	1.685e4	1.261e3	1.355e3	0.93	NO	2.615e3	11.350	11.350	0.341
16 PCB-191	50.17	50.19	4.839e3	4.360e3	4.070e2	3.962e2	1.03	NO	8.032e2	3.4176	3.4176	0.334
17 PCB-170	51.38	51.38	1.042e5	1.009e5	8.367e3	7.889e3	1.06	NO	1.626e4	95.535	95.535	0.449
18 PCB-190	51.57	51.57	2.982e4	2.950e4	2.344e3	2.293e3	1.02	NO	4.637e3	20.623	20.623	0.340
19 PCB-189	53.09	53.10	4.782e3	5.341e3	3.248e2	3.715e2	0.87	YES	6.963e2	0.00000	2.9327	0.314

4th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-202	48.61	48.59	1.257e4	1.189e4	9.682e2	9.308e2	1.04	YES	1.899e3	0.00000	12.950	0.395
2 PCB-201	49.10	49.11	1.004e4	6.346e3	7.869e2	5.006e2	1.57	YES	1.287e3	0.00000	7.7285	0.438
3 PCB-197	49.57	49.56	1.557e3	2.974e3	8.644e1	1.572e2	0.55	YES	2.436e2	0.00000	1.3936	0.407
4 PCB-200	50.50	50.51	6.827e3	6.857e3	5.285e2	5.584e2	0.95	NO	1.087e3	8.7326	8.7326	0.431
5 PCB-198	52.08	52.06	1.951e3	3.420e3	1.315e2	2.553e2	0.52	YES	3.868e2	0.00000	3.0260	0.581
6 PCB-199	52.18	52.19	4.154e4	4.278e4	3.032e3	3.224e3	0.94	NO	6.256e3	66.484	66.484	0.570
7 PCB-196/203	52.50	52.50	5.428e4	5.480e4	3.911e3	3.903e3	1.00	NO	7.814e3	80.171	80.171	0.551



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

5th Function Octa-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-195	53.80	53.79	3.284e4	3.963e4	1.887e3	2.573e3	0.73	YES	4.461e3	0.00000	18.108	0.399
2 PCB-194	54.72	54.72	1.046e5	1.132e5	6.114e3	6.619e3	0.92	NO	1.273e4	53.840	53.840	0.373
3 PCB-205	54.98	54.98	5.236e3	7.005e3	2.785e2	3.680e2	0.76	NO	6.465e2	2.3661	2.3661	0.323

Total Nona-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-208	53.94	53.96	2.495e4	2.012e4	1.491e3	1.172e3	1.27	NO	2.663e3	11.278	11.278	0.317
2 PCB-207	54.26	54.29	1.070e4	9.548e3	6.376e2	5.247e2	1.22	NO	1.162e3	5.0120	5.0120	0.323
3 PCB-206	56.24	56.24	6.600e4	5.160e4	3.662e3	3.048e3	1.20	NO	6.710e3	39.451	39.451	0.417

Deca-CB

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-209	57.47	57.48	6.953e4	6.107e4	3.704e3	3.184e3	1.16	NO	6.888e3	46.369	46.369	0.154

Total PCBs

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

Total Mono-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 13C-PCB-1	15.51	15.52	1.181e7	3.613e6	7.144e5	2.201e5	3.25	NO	9.345e5	1211.4		1.69
2 13C-PCB-3	18.16	18.17	1.321e7	4.052e6	8.122e5	2.492e5	3.26	NO	1.061e6	1349.5		1.66

Dataset: U:\VG 11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**Total Di-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.51	19.51	7.921e6	4.963e6	4.840e5	3.037e5	1.59	NO	7.877e5	1520.6		0.622
2	13C-PCB-9	21.34	21.34	1.360e7	8.611e6	8.270e5	5.252e5	1.57	NO	1.352e6	1615.2		0.385
3	13C-PCB-11	24.78	24.80	1.349e7	8.595e6	9.219e5	5.801e5	1.59	NO	1.502e6	1809.2		0.388
4	13C-PCB-15	25.51	25.51	1.666e7	1.032e7	1.058e6	6.633e5	1.60	NO	1.722e6	1994.2		0.373

**2nd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.75	23.76	4.418e6	4.195e6	2.968e5	2.784e5	1.07	NO	5.752e5	1335.3		7.96
2	13C-PCB-32	26.73	26.74	6.758e6	6.551e6	4.511e5	4.316e5	1.05	NO	8.828e5	1374.0		5.33

**3rd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.64	28.66	9.155e6	8.904e6	6.745e5	6.536e5	1.03	NO	1.328e6	1994.2		6.36
2	13C-PCB-28	28.77	28.75	9.356e6	9.073e6	7.251e5	7.108e5	1.02	NO	1.436e6	2025.8		5.98
3	13C-PCB-37	32.75	32.79	8.664e6	8.427e6	6.564e5	6.372e5	1.03	NO	1.294e6	1963.7		6.43

**Tetra-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.62	27.60	4.891e6	6.141e6	3.617e5	4.563e5	0.79	NO	8.180e5	1861.9		1.58
2	13C-PCB-52	31.26	31.25	3.841e6	4.951e6	3.048e5	3.912e5	0.78	NO	6.960e5	1968.6		1.96
3	13C-PCB-47	31.78	31.78	4.003e6	5.021e6	3.253e5	4.096e5	0.79	NO	7.349e5	1949.8		1.84
4	13C-PCB-70	35.41	35.40	4.758e6	6.077e6	3.657e5	4.623e5	0.79	NO	8.279e5	1891.2		1.58
5	13C-PCB-80	35.84	35.84	4.796e6	5.992e6	3.781e5	4.733e5	0.80	NO	8.514e5	1883.7		1.53
6	13C-PCB-60	36.66	36.68	5.071e6	6.427e6	3.857e5	4.911e5	0.79	NO	8.767e5	1994.2		1.58
7	13C-PCB-79	37.78	37.78	5.238e6	6.562e6	4.048e5	5.111e5	0.79	NO	9.159e5	1949.0		1.48
8	13C-PCB-81	39.04	39.04	4.493e6	5.620e6	3.619e5	4.542e5	0.80	NO	8.162e5	1879.0		1.60
9	13C-PCB-77	39.66	39.66	4.605e6	5.666e6	3.570e5	4.440e5	0.80	NO	8.010e5	1880.7		1.63

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**3rd Function Penta-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.46	32.47	3.583e6	2.188e6	2.737e5	1.691e5	1.62	NO	4.428e5	1957.7		0.938
2	13C-PCB-95	35.71	35.71	2.770e6	1.713e6	2.124e5	1.300e5	1.63	NO	3.424e5	1911.1		1.18
3	13C-PCB-101	37.46	37.44	2.689e6	1.666e6	2.136e5	1.311e5	1.63	NO	3.447e5	1954.6		1.20
4	13C-PCB-97	38.80	38.80	2.483e6	1.463e6	1.947e5	1.152e5	1.69	NO	3.099e5	1999.5		1.37
5	13C-PCB-111	39.23	39.25	3.568e6	2.180e6	2.759e5	1.678e5	1.64	NO	4.438e5	1994.2		0.953
6	13C-PCB-123	41.44	41.44	3.108e6	1.882e6	2.432e5	1.470e5	1.65	NO	3.901e5	1879.3		1.02
7	13C-PCB-118	41.63	41.63	3.343e6	1.977e6	2.554e5	1.496e5	1.71	NO	4.050e5	1846.6		0.967

**4th Function Penta-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.30	42.31	6.122e6	3.860e6	4.798e5	2.988e5	1.61	NO	7.786e5	2210.4		1.40
2	13C-PCB-105	43.19	43.19	6.086e6	3.815e6	4.747e5	2.968e5	1.60	NO	7.714e5	2154.1		1.37
3	13C-PCB-127	43.55	43.54	6.074e6	3.809e6	4.914e5	3.053e5	1.61	NO	7.967e5	2153.0		1.33
4	13C-PCB-126	45.51	45.51	5.887e6	3.844e6	4.720e5	3.049e5	1.55	NO	7.769e5	2175.6		1.38

**4th Function Hexa-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.36	43.37	4.204e6	3.325e6	3.331e5	2.627e5	1.27	NO	5.958e5	1916.7		1.37
2	13C-PCB-141	44.13	44.12	3.647e6	2.842e6	2.841e5	2.226e5	1.28	NO	5.067e5	1972.5		1.66
3	13C-PCB-138	44.99	44.99	3.655e6	2.890e6	2.861e5	2.267e5	1.26	NO	5.128e5	1900.5		1.58
4	13C-PCB-159	46.32	46.32	4.299e6	3.418e6	3.427e5	2.711e5	1.26	NO	6.137e5	1872.0		1.30
5	13C-PCB-128	46.59	46.60	3.162e6	2.537e6	2.538e5	2.003e5	1.27	NO	4.542e5	1994.2		1.87
6	13C-PCB-167	47.02	47.02	4.265e6	3.390e6	3.423e5	2.714e5	1.26	NO	6.137e5	1871.2		1.30
7	13C-PCB-156	48.34	48.35	4.279e6	3.319e6	3.381e5	2.661e5	1.27	NO	6.042e5	1899.1		1.34
8	13C-PCB-157	48.63	48.63	4.282e6	3.417e6	3.359e5	2.697e5	1.25	NO	6.055e5	1903.3		1.34
9	13C-PCB-169	50.91	50.91	3.973e6	3.128e6	3.215e5	2.508e5	1.28	NO	5.722e5	1887.5		1.40

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-7.qld

Last Altered: Tuesday, June 16, 2020 3:07:33 PM Pacific Daylight Time

Printed: Tuesday, June 16, 2020 3:10:24 PM Pacific Daylight Time

ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

5th Function Octa-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.70	3.506e6	3.952e6	1.986e5	2.241e5	0.89	NO	4.226e5	1899.3		2.42
2	13C-PCB-205	54.97	54.97	5.006e6	5.426e6	2.766e5	3.012e5	0.92	NO	5.778e5	1994.2		1.86

Dataset: Untitled

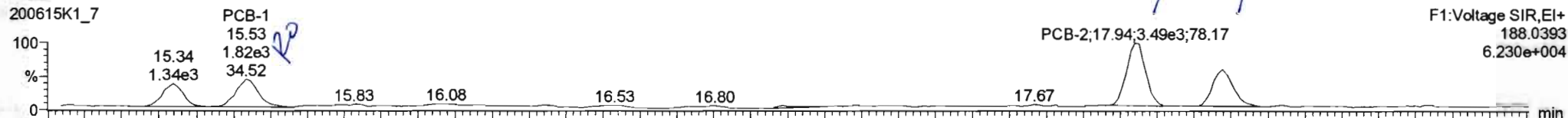
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

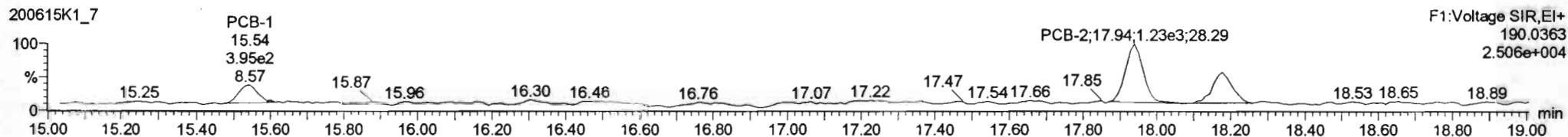
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-1**

200615K1\_7

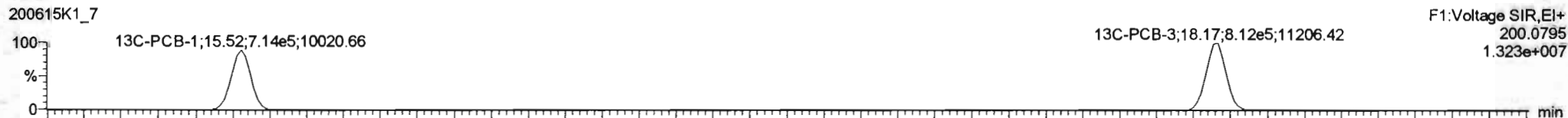


200615K1\_7

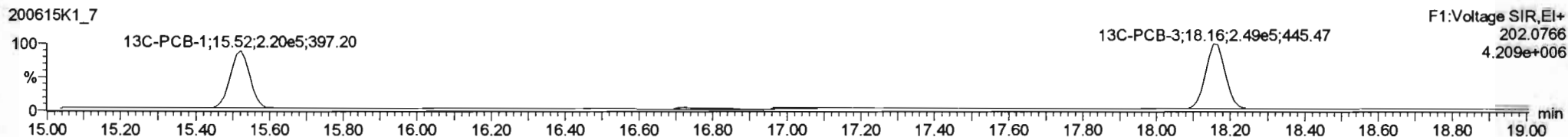


**13C-PCB-1**

200615K1\_7

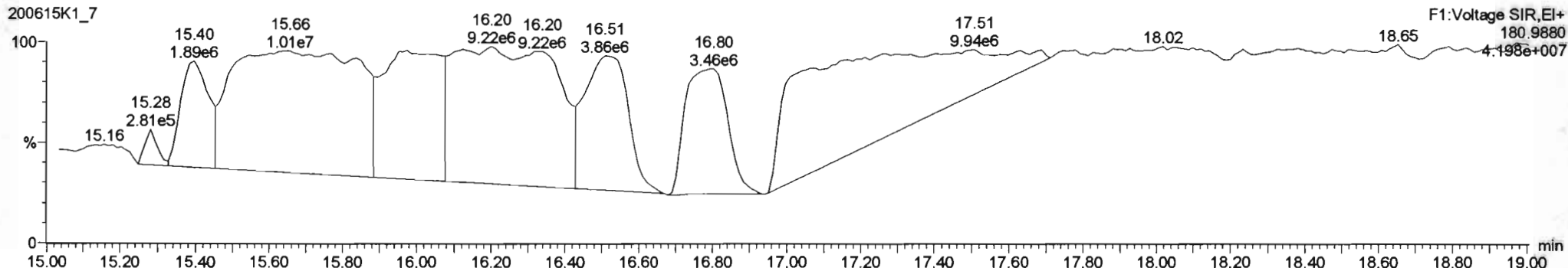


200615K1\_7



**PFK1**

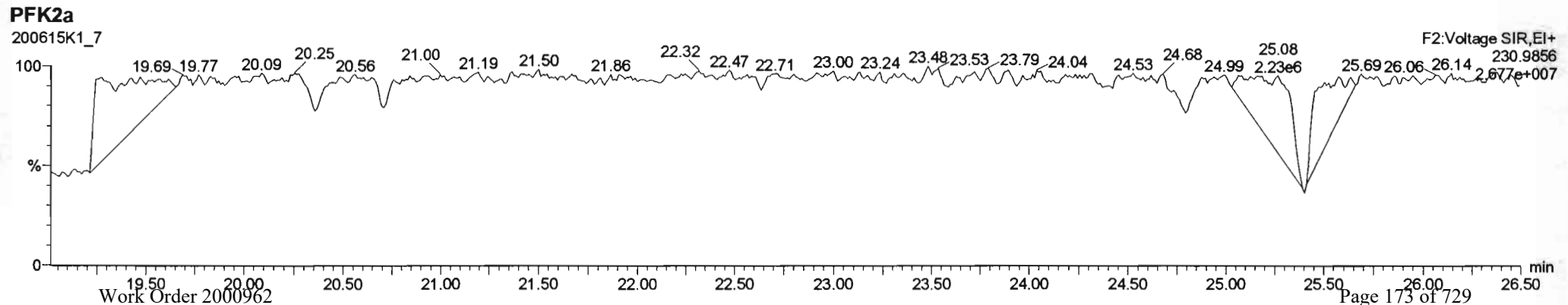
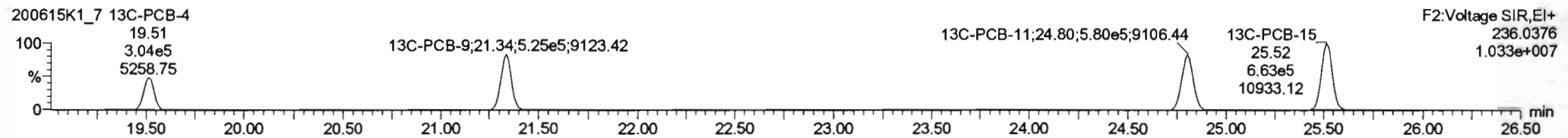
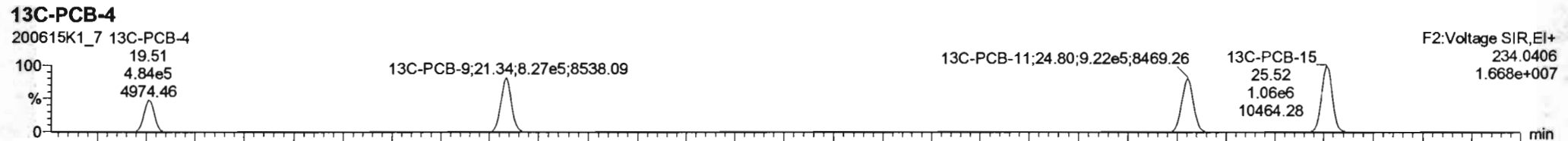
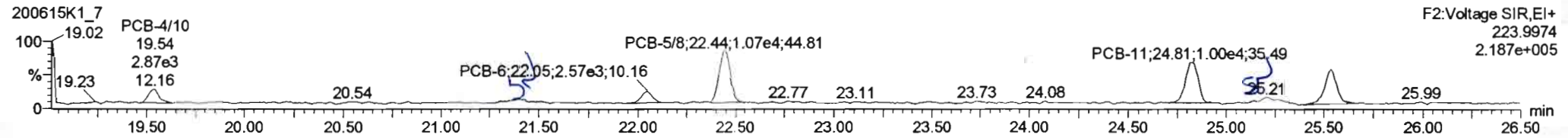
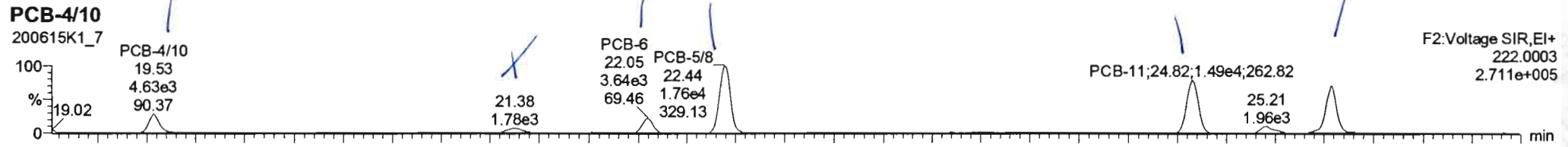
200615K1\_7



Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

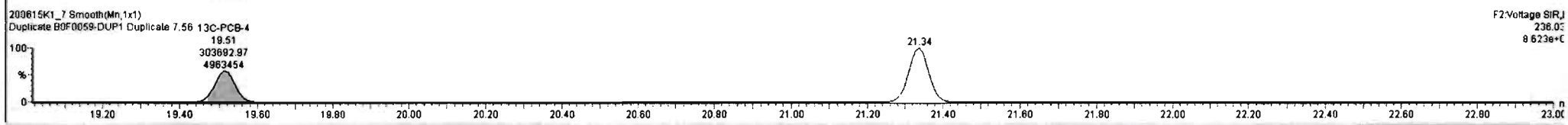
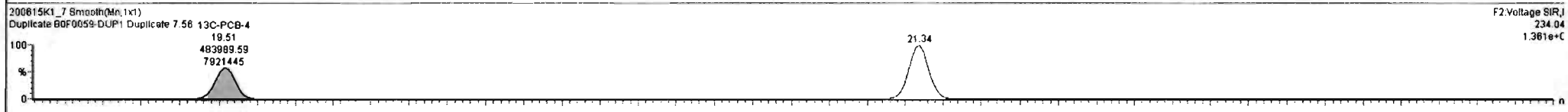
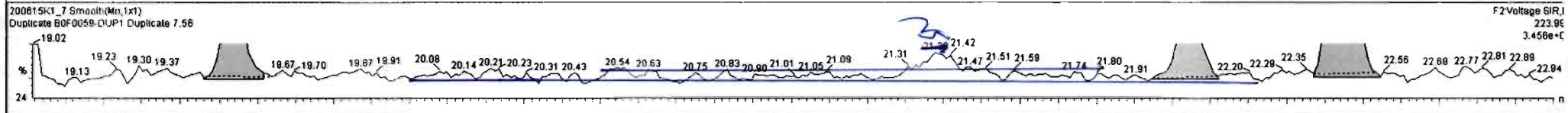
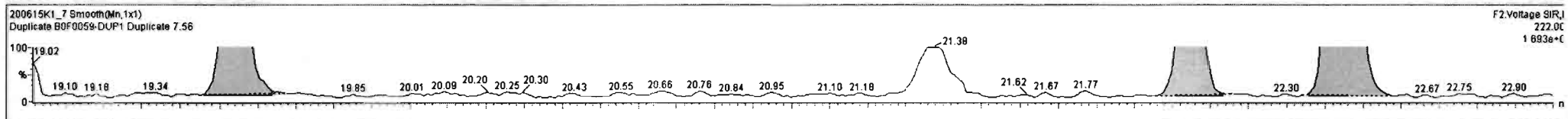
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate





#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
216	13C-PCB-111	4.44e5	1.64	NO	1.0000	5.015	39.23	39.25	1.000	0.000	NO	1994	100	0.953	
217	13C-PCB-128	4.54e5	1.27	NO	1.0000	5.015	46.59	46.60	1.000	0.000	NO	1994	100	1.87	
218	13C-PCB-182	3.00e5	0.47	NO	1.0000	5.015	46.40	46.42	0.000	0.000	NO	1994	100	1.68	
219	13C-PCB-205	5.78e5	0.92	NO	1.0000	5.015	54.97	54.97	1.000	0.000	NO	1994	100	1.86	
220	13C-PCB-79	9.16e5	0.79	NO	1.0689	5.015	37.78	37.78	1.030	1.030	NO	1949	97.7	1.48	
221	13C-PCB-178	2.92e5	0.45	NO	0.7665	5.015	45.86	45.87	0.988	0.988	NO	1672	83.8	1.50	
222	13C-PCB-79	9.16e5	0.79	NO	1.0821	5.015	37.78	37.78	0.968	0.968	NO	2068	104	1.66	
223	13C-PCB-178	2.92e5	0.45	NO	1.0508	5.015	45.85	45.87	0.923	0.923	NO	2021	101	1.89	
224	Total Mono-PCBs				1.1865	5.015	0.00		0.000		NO	12.28		0.933	15.28

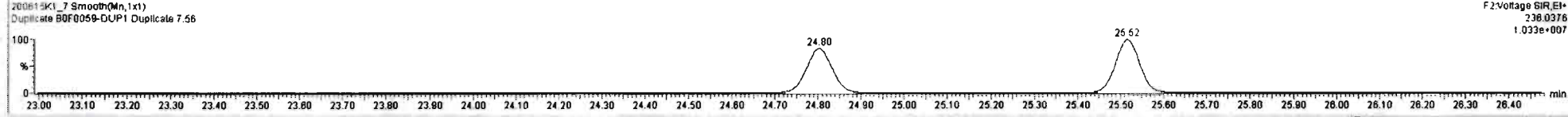
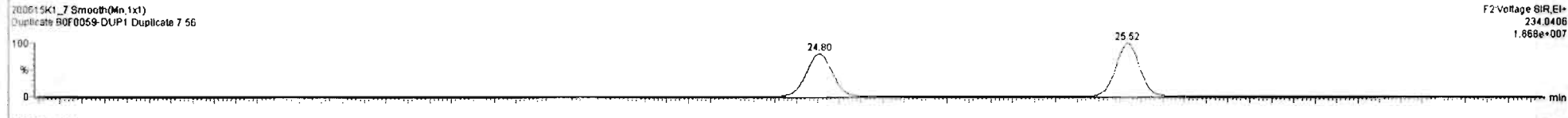
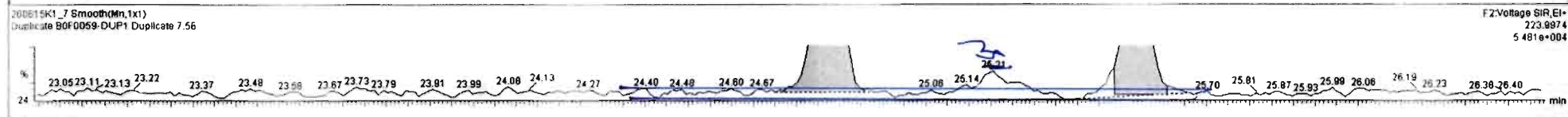
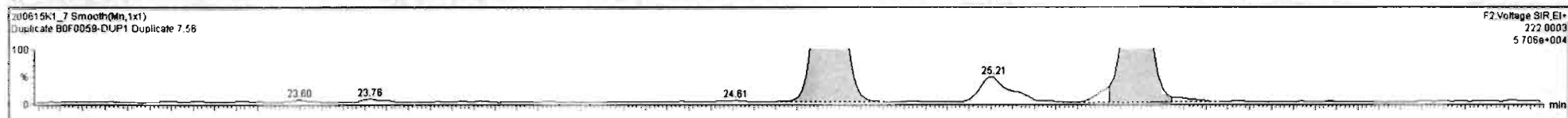
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4/10	19.59	19.53	4.647e3	3.045e3	1.580	1.53	NO	15.802	15.802
2	6 PCB-6	22.05	22.05	3.668e3	2.690e3	1.580	1.37	NO	9.1469	9.1469
3	7 PCB-5/8	22.45	22.44	1.764e4	1.099e4	1.580	1.81	NO	42.545	42.545
4	9 PCB-11	24.82	24.82	1.489e4	9.964e3	1.580	1.49	NO	29.294	29.294
5	11 PCB-15	25.57	25.54	1.209e4	7.285e3	1.580	1.66	NO	24.861	24.861





#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
216	13C-PCB-111	4.44e5	1.64	NO	1.0000	5.015	39.23	39.25	1.000	0.000	NO	1994	100	0.953	
217	13C-PCB-128	4.54e5	1.27	NO	1.0000	5.015	46.59	46.60	1.000	0.000	NO	1994	100	1.87	
218	13C-PCB-182	3.00e5	0.47	NO	1.0000	5.015	46.40	46.42	0.000	0.000	NO	1994	100	1.88	
219	13C-PCB-205	5.78e5	0.92	NO	1.0000	5.015	54.97	54.97	1.000	0.000	NO	1994	100	1.86	
220	13C-PCB-79	9.16e5	0.79	NO	1.0689	5.015	37.78	37.78	1.030	1.030	NO	1949	97.7	1.48	
221	13C-PCB-178	2.92e5	0.45	NO	0.7665	5.015	45.86	45.87	0.968	0.968	NO	1672	83.8	1.50	
222	13C-PCB-79	9.16e5	0.79	NO	1.0621	5.015	37.78	37.78	0.968	0.968	NO	2068	104	1.66	
223	13C-PCB-178	2.92e5	0.45	NO	1.0508	5.015	45.85	45.87	0.923	0.923	NO	2021	101	1.89	
224	Total Mono-PCBs				1.1665	5.015	0.00	0.00	0.000	0.000	NO	12.28		0.933	15.26

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-470	19.59	19.53	4.647e3	3.045e3	1.560	1.53	NO	15.602	15.802
2	6 PCB-6	22.05	22.05	3.688e3	2.680e3	1.560	1.37	NO	9.1469	9.1469
3	7 PCB-58	22.45	22.44	1.764e4	1.099e4	1.560	1.61	NO	42.545	42.545
4	9 PCB-11	24.82	24.82	1.489e4	8.964e3	1.560	1.49	NO	28.294	28.294
5	11 PCB-15	25.57	25.54	1.209e4	7.265e3	1.560	1.66	NO	24.861	24.861



Dataset: Untitled

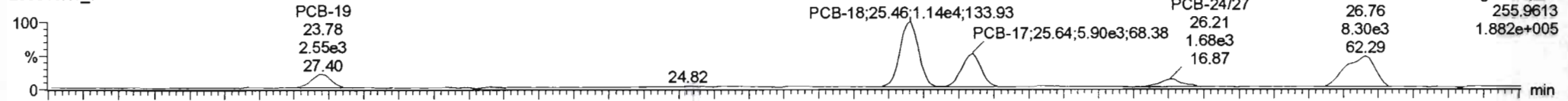
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

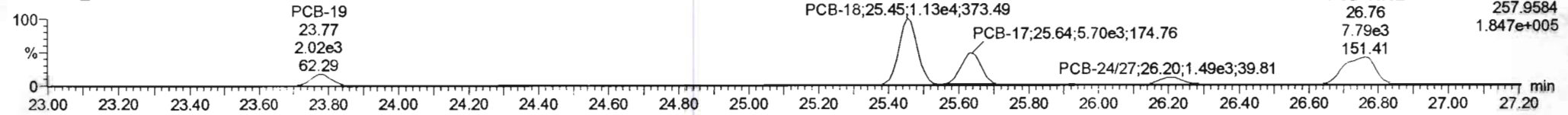
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-19**

200615K1\_7

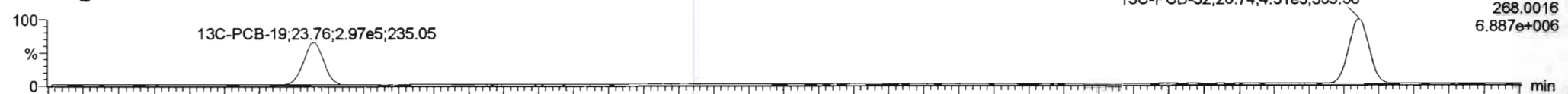


200615K1\_7

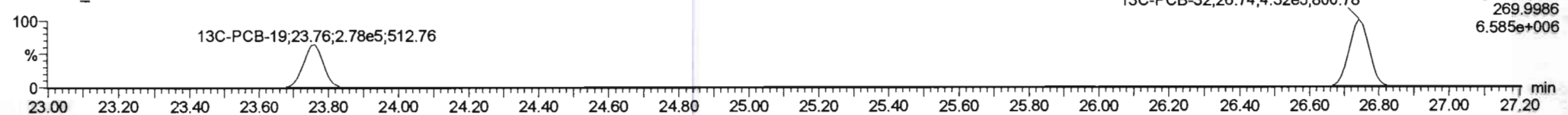


**13C-PCB-19**

200615K1\_7

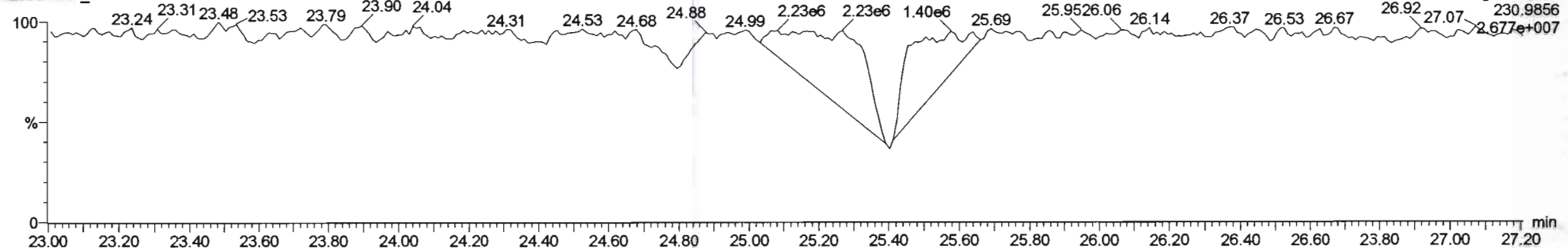


200615K1\_7



**PFK2b**

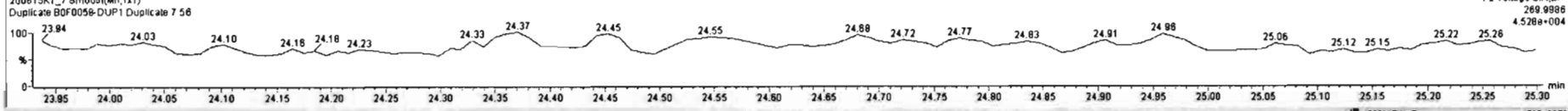
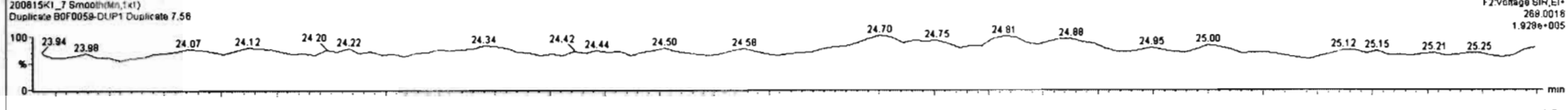
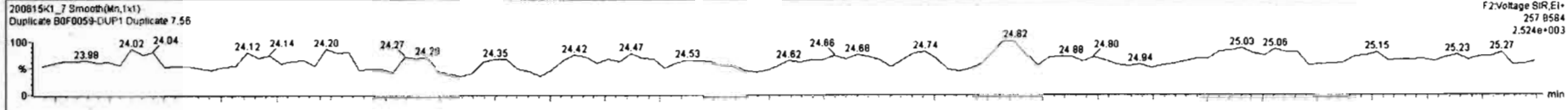
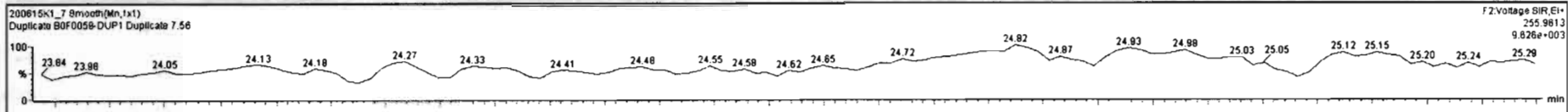
200615K1\_7



200615K1\_7-BOF0058-DUP1 Duplicate 7.56 - Duplicate

#	Name	Resp	RA	nly	RPF	wdAnd	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EmPC
226	2nd Function Tri-PCBs				1.0807	5.015	0.00	0.000			NO	113.2		3.01	158.2
227	3rd Function Tri-PCBs				0.9828	5.015	0.00	0.000			NO	336.7		8.33	336.7
228	Total Tetra-PCBs				1.0778	5.015	0.00	0.000			NO	1030		11.1	1057
229	3rd Function Penta-PCBs				1.3157	5.015	0.00	0.000			NO	1229		18.9	1278
230	4th Function Penta-PCBs				1.0735	5.015	0.00	0.000			NO	80.92		3.23	83.85
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00	0.000			NO	418.5		12.7	430.5
232	4th Function Hexa-PCBs				1.0316	5.015	0.00	0.000			NO	902.8		8.48	917.2
233	Total Hepta-PCBs				1.3551	5.015	0.00	0.000			NO	844.5		8.33	852.4
234	4th Function Octa-PCBs				1.0008	5.015	0.00	0.000			NO	155.4		3.78	178.8

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
12	PCB-19	23.79	23.78	2.551e3	2.022e3	1.040	1.26	YES	12.927	0.00000
14	PCB-18	25.45	25.48	1.144e4	1.128e4	1.040	1.01	NO	82.775	62.775
3	PCB-17	25.83	25.84	5.898e3	5.703e3	1.040	1.03	NO	34.549	34.549
4	PCB-24/27	26.24	26.21	1.685e3	1.480e3	1.040	1.13	NO	8.8272	8.8272
5	PCB-16/22	26.78	26.78	8.299e3	7.789e3	1.040	1.07	NO	38.273	39.273



Dataset: Untitled

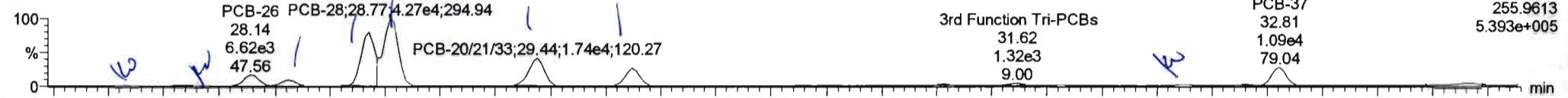
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

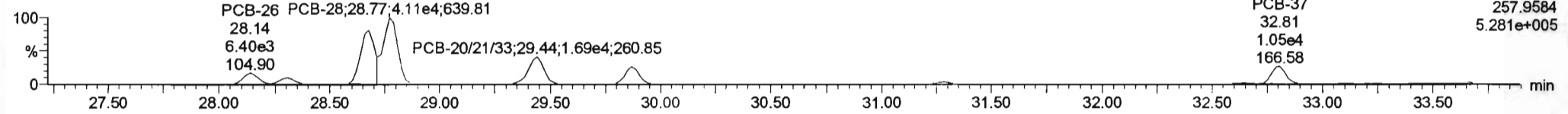
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-34**

200615K1\_7

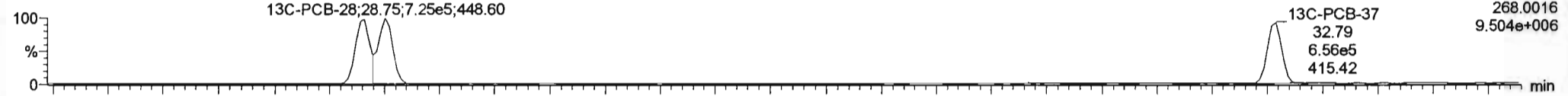


200615K1\_7

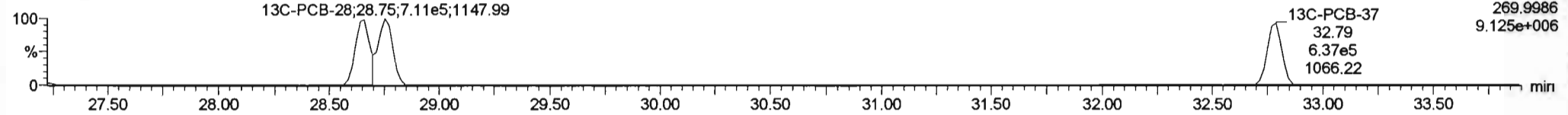


**13C-PCB-28**

200615K1\_7

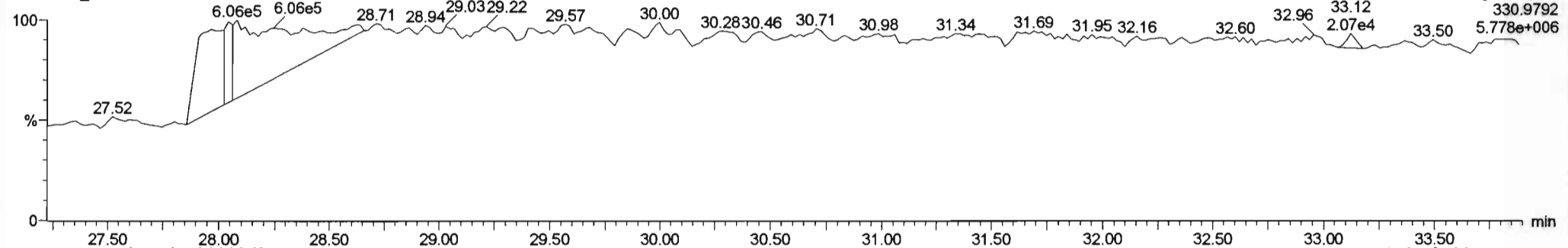


200615K1\_7



**PFK3d**

200615K1\_7

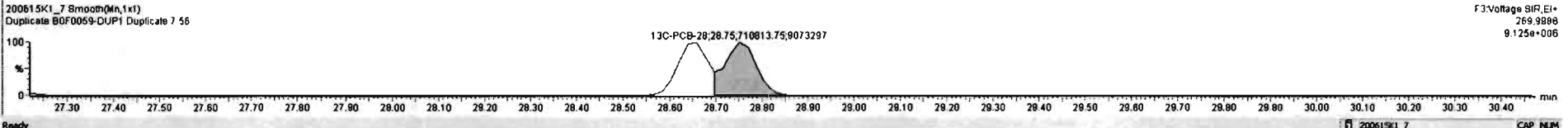
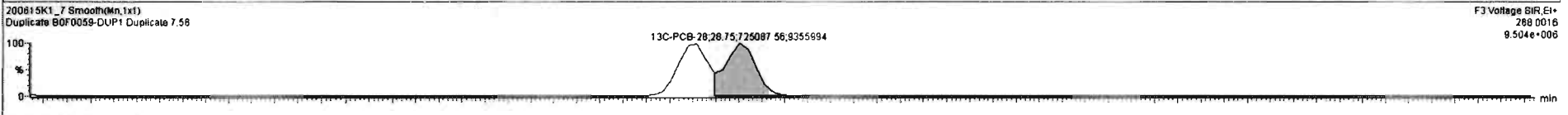
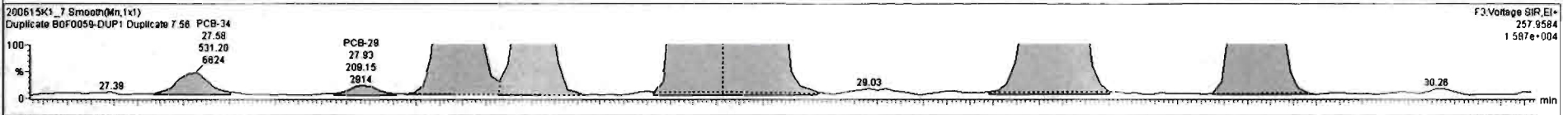
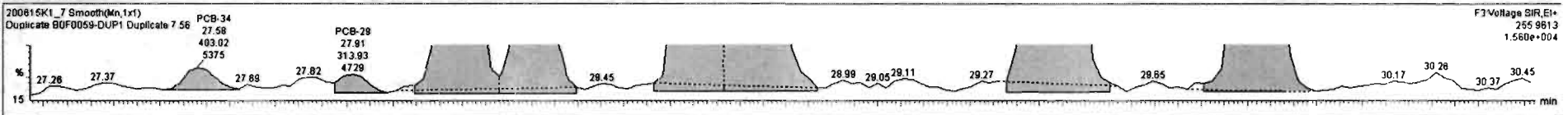




200615K1\_7 - E1-F3-S1-DUP1 Duplicate 7.56 Duplicate

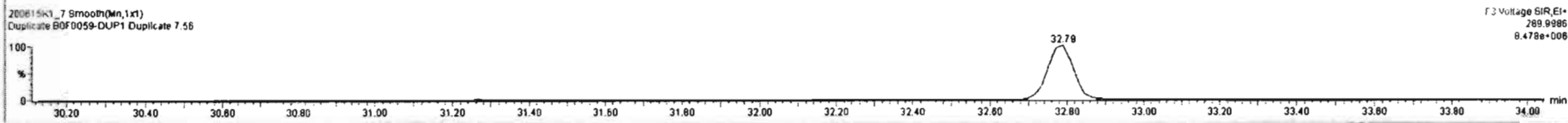
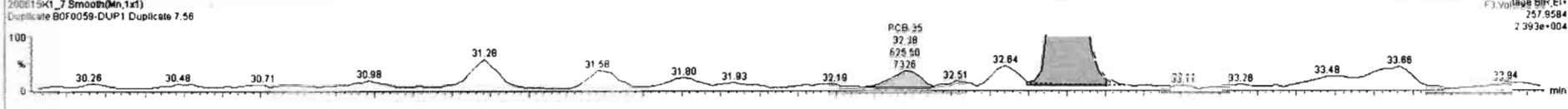
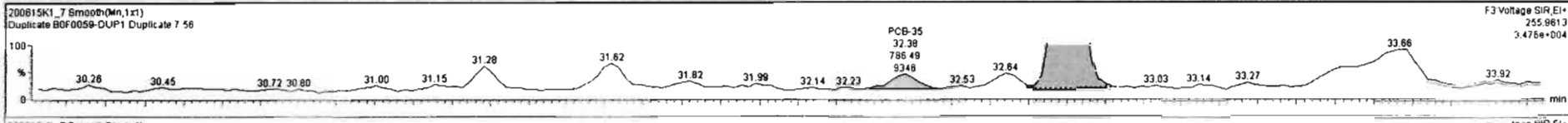
#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	BMP
227	227 3rd Function Tri-PCBs				0.2628	5.015	0.00		0.000		NO	338.8		8.33	943.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1032		11.1	1057
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1729		19.9	1278
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.92		3.23	63.65
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.8
232	232 4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	802.8		8.48	917.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0006	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	235 5th Function Octa-PCBs				1.1498	5.015	0.00		0.000		NO	53.84		1.08	74.10

#	Name	Pred.RT	RT	Int Resp	Int Resp	S* Ratio (Pred)	RA	n/y	BMP	Conc.
1	18 PCB-34	27.56	27.58	4.030e2	5.312e2	1.040	0.78	YES	1.1812	0.00000
2	20 PCB-28	27.91	27.91	3.139e2	2.081e2	1.040	1.50	YES	0.66368	0.00000
3	21 PCB-26	28.14	28.14	6.778e3	6.442e3	1.040	1.05	NO	19.451	19.451
4	22 PCB-25	28.29	28.31	3.730e3	3.794e3	1.040	0.98	NO	11.002	11.002
5	23 PCB-31	28.86	28.88	2.959e4	3.058e4	1.040	0.99	NO	81.117	81.117
6	24 PCB-28	28.77	28.77	4.252e4	4.124e4	1.040	1.04	NO	114.05	114.05
7	25 PCB-20/21/33	28.41	28.44	1.785e4	1.708e4	1.040	1.04	NO	51.538	51.538
8	26 PCB-22	28.85	28.87	1.088e4	1.012e4	1.040	1.05	NO	29.676	29.676



#	Name	Resp	RA	n/y	RRF	VolVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1032		11.1	1057
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1229		19.9	1278
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	80.92		3.23	83.65
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.8
232	232 4th Function Hexa-PCBs				1.0318	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1499	5.015	0.00		0.000		NO	53.94		1.28	74.10
236	236 Total Mass PCBs				1.0000	5.015	0.00		0.000		NO	66.74		1.28	66.74

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	18 PCB-34	27.56	27.58	4.030e2	5.312e2	1.040	0.78	YES	1.1812	0.00000
2	20 PCB-29	27.91	27.91	3.139e2	2.091e2	1.040	1.50	YES	0.65368	0.00000
3	21 PCB-28	28.14	28.14	6.778e3	6.442e3	1.040	1.05	NO	19.451	19.451
4	22 PCB-25	28.29	28.31	3.730e3	3.794e3	1.040	0.98	NO	11.002	11.002
5	23 PCB-31	28.66	28.88	2.995e4	3.058e4	1.040	0.98	NO	81.117	81.117
6	24 PCB-26	28.77	28.77	4.293e4	4.124e4	1.040	1.04	NO	114.05	114.05
7	25 PCB-20/21/33	29.41	29.44	1.785e4	1.708e4	1.040	1.04	NO	51.538	51.538
8	26 PCB-22	29.85	29.87	1.068e4	1.012e4	1.040	1.05	NO	29.878	29.878





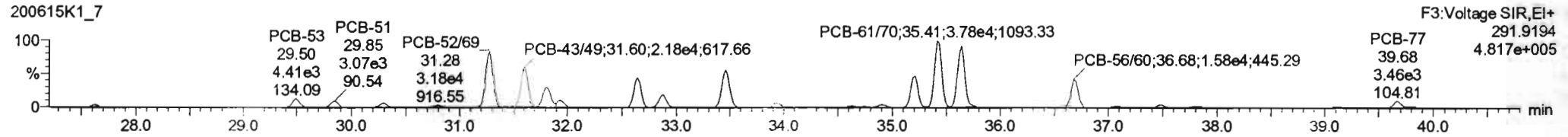
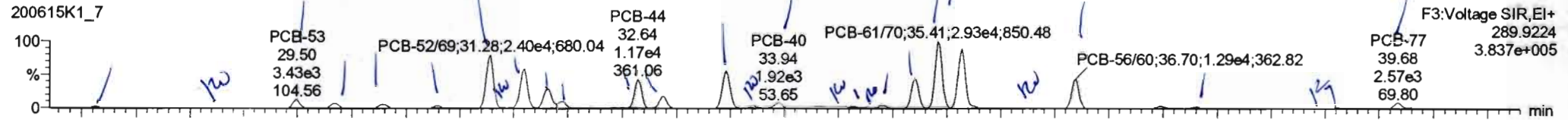
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

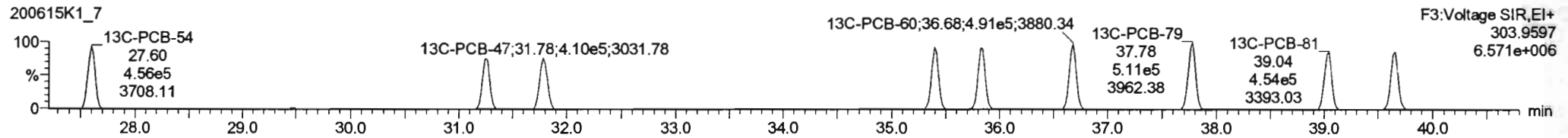
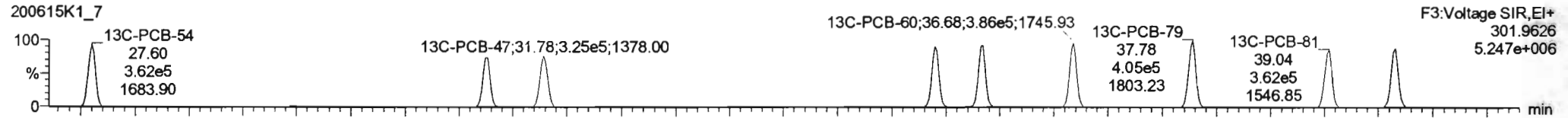
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

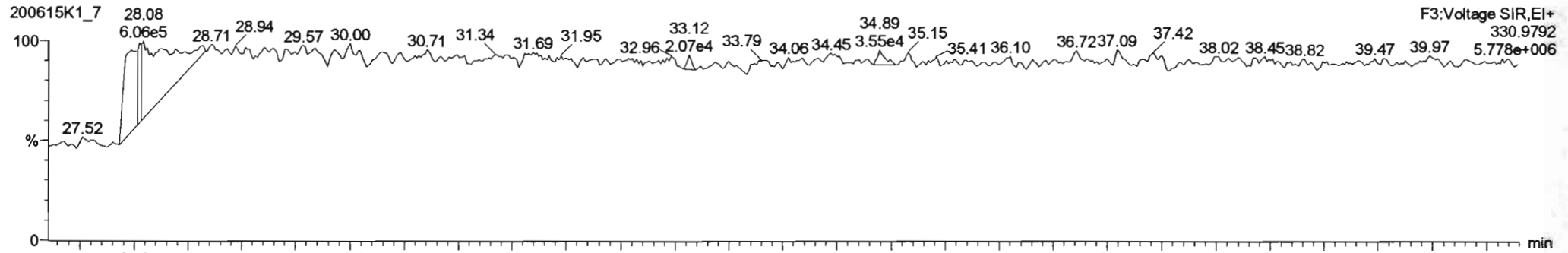
**PCB-54**



**13C-PCB-54**



**PFK3a**



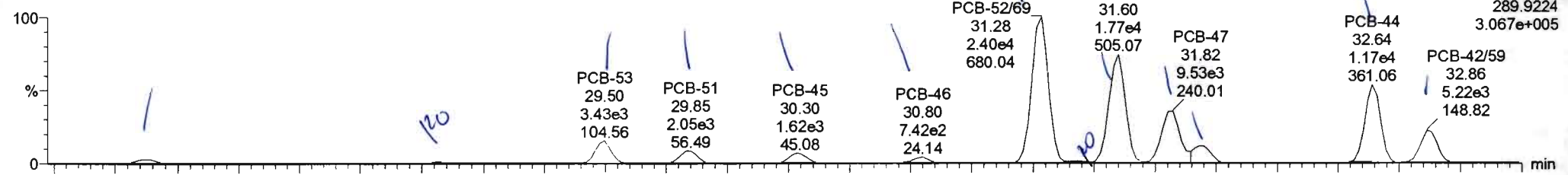
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

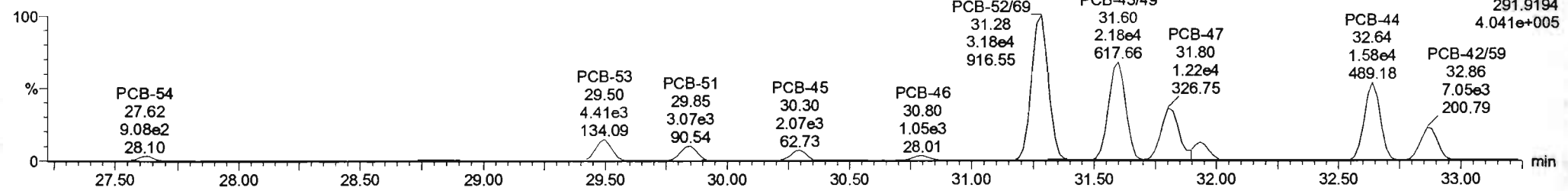
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

PCB-50

200615K1\_7

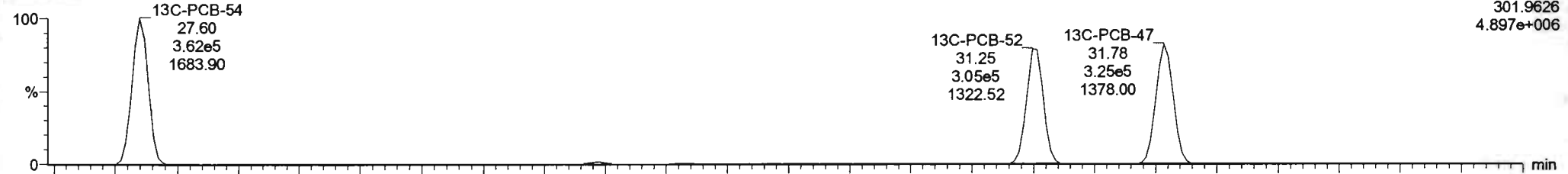


200615K1\_7

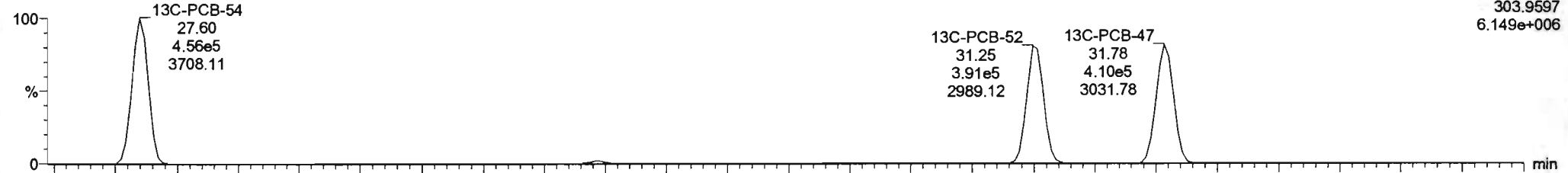


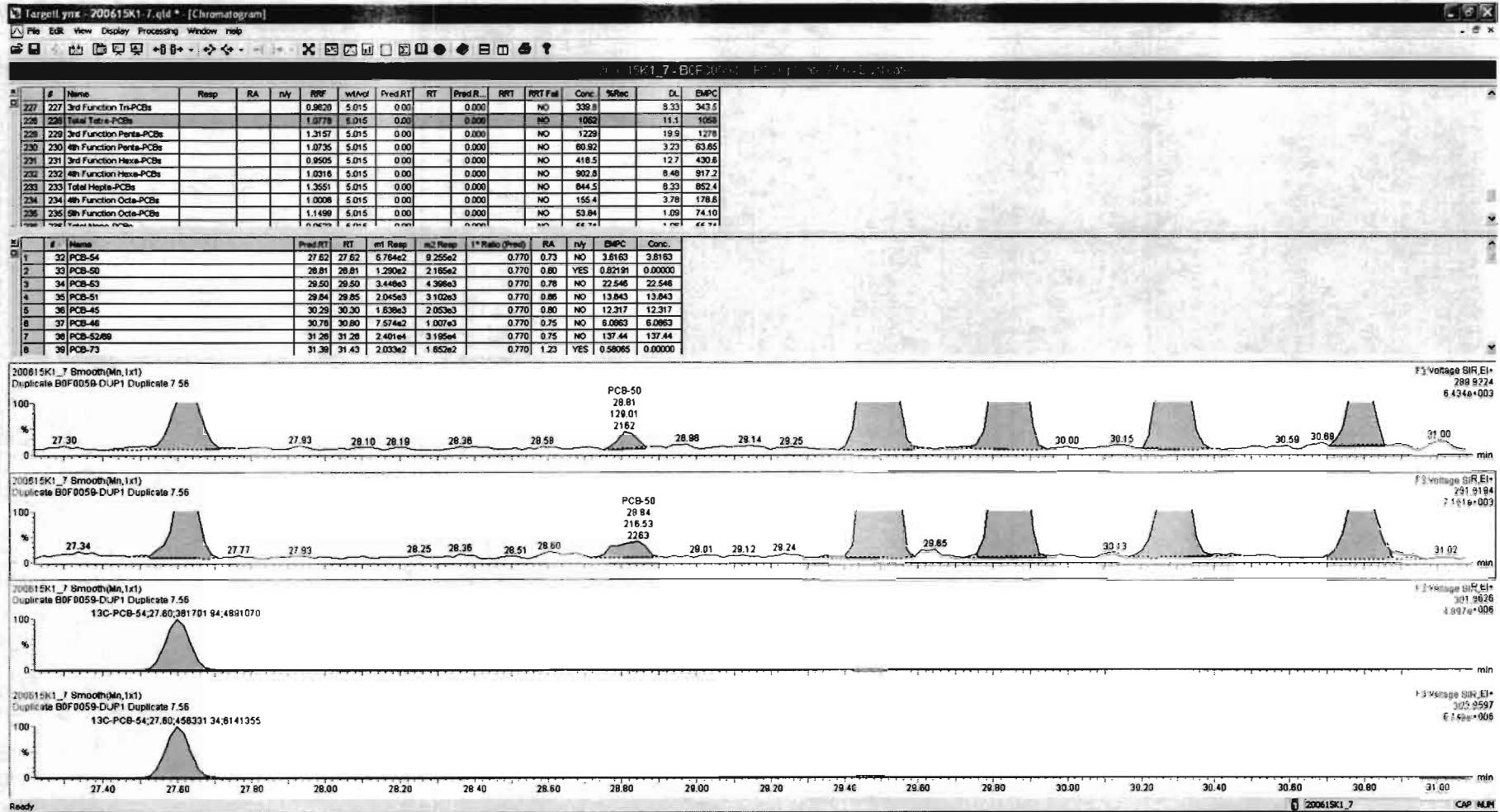
13C-PCB-52

200615K1\_7



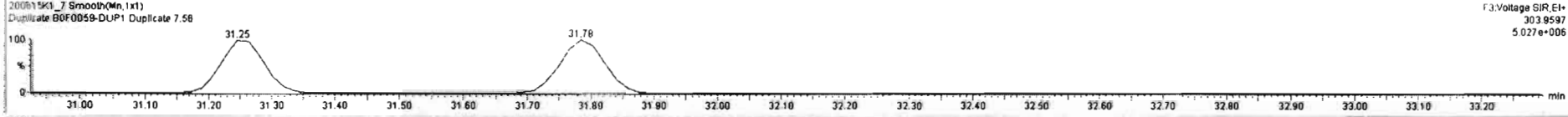
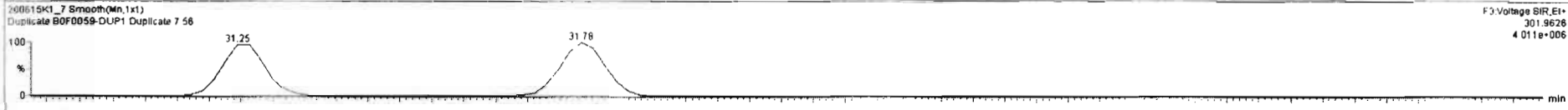
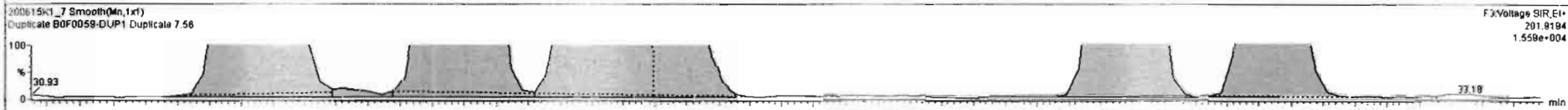
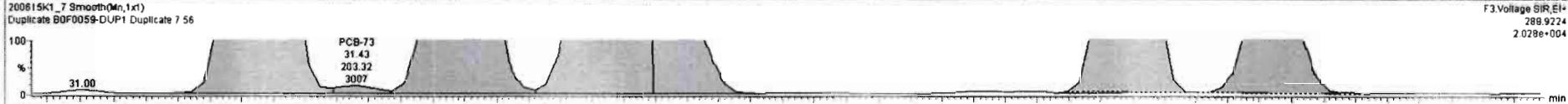
200615K1\_7





#	Name	Resp	RA	n/y	RRF	wtAve	Pred.RT	RT	Pred.RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	Total Tetra-PCBs				1.0776	5.015	0.00		0.000		NO	1052		11.1	1050
229	3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1229		19.9	1278
230	4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.92		3.23	63.65
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	5th Function Octa-PCBs				1.1489	5.015	0.00		0.000		NO	53.84		1.09	74.10
236	Total Mono-PCBs				0.9828	5.015	0.00		0.000		NO	339.8		8.33	343.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.82	27.82	6.764e2	9.255e2	0.770	0.73	NO	3.6183	3.6163
2	33 PCB-50	28.81	28.81	1.290e2	2.165e2	0.770	0.80	YES	0.82191	0.00000
3	34 PCB-53	29.50	29.50	3.448e3	4.396e3	0.770	0.78	NO	22.546	22.546
4	35 PCB-51	29.84	29.85	2.045e3	3.102e3	0.770	0.88	NO	13.843	13.843
5	36 PCB-45	30.29	30.30	1.638e3	2.053e3	0.770	0.80	NO	12.317	12.317
6	37 PCB-46	30.78	30.80	7.574e2	1.007e3	0.770	0.75	NO	6.0863	6.0863
7	38 PCB-52/69	31.28	31.28	2.401e4	3.195e4	0.770	0.75	NO	137.44	137.44
8	39 PCB-73	31.39	31.43	2.033e2	1.852e2	0.770	1.23	YES	0.58085	0.00000

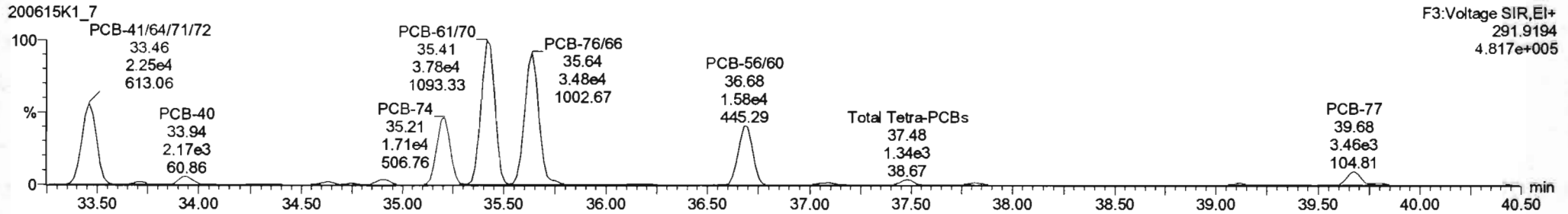
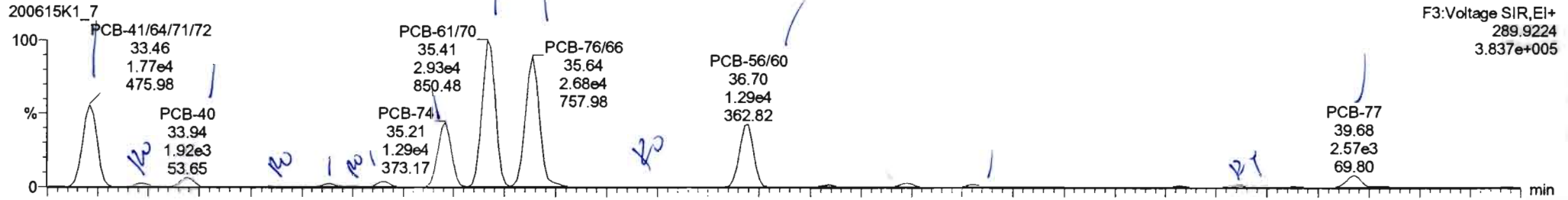


Dataset: Untitled

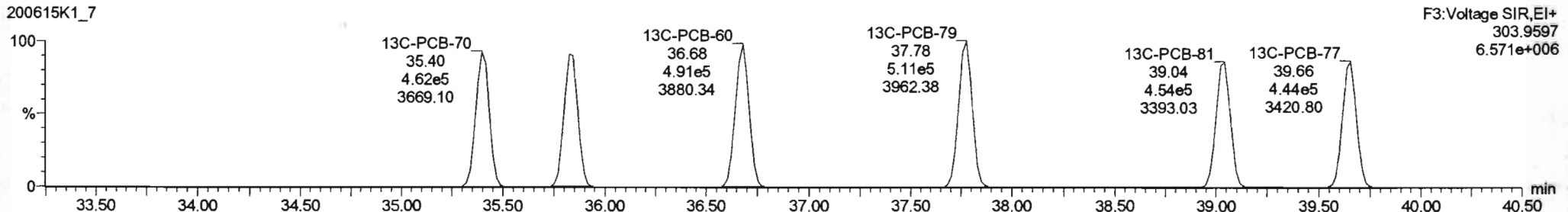
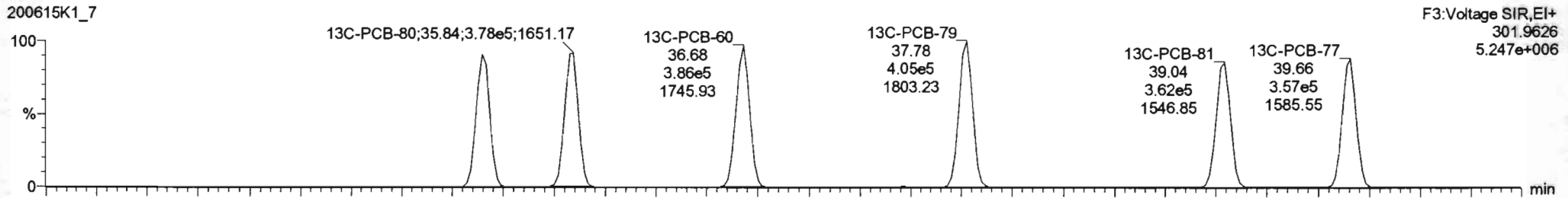
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

PCB-68



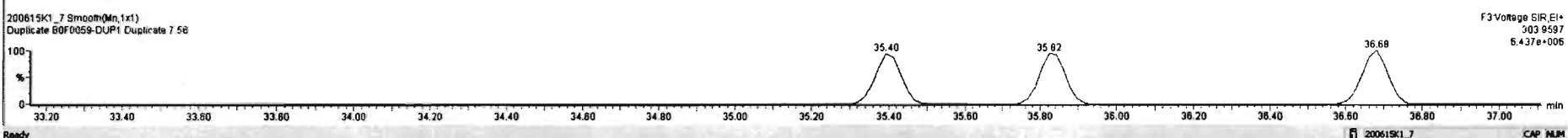
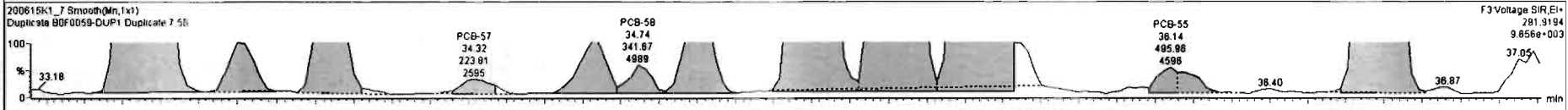
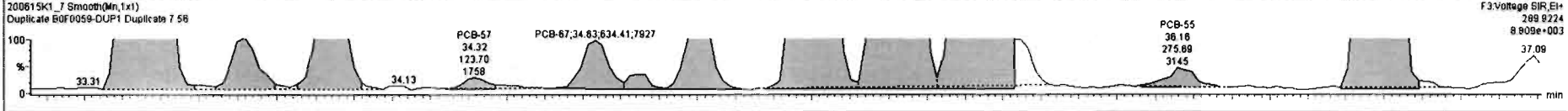
13C-PCB-60





#	Name	Resp	RA	n/y	RRF	wtAve	Pred RT	RT	Pred.R	RRT	RRT Tol	Conc.	%Rec	DL	BMP
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1098
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1229		19.9	1278
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	80.82		3.23	83.85
231	231 3rd Function Hexa-PCBs				0.8505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	232 4th Function Hexa-PCBs				1.0318	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1489	5.015	0.00		0.000		NO	53.84		1.09	74.10

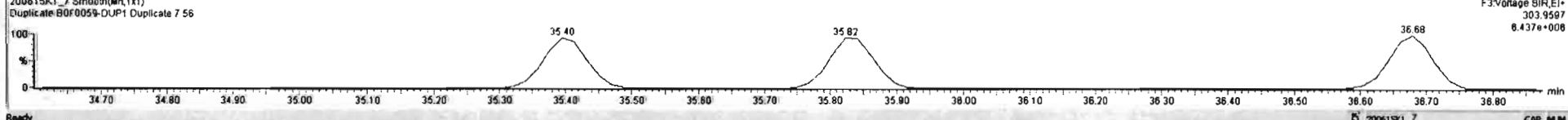
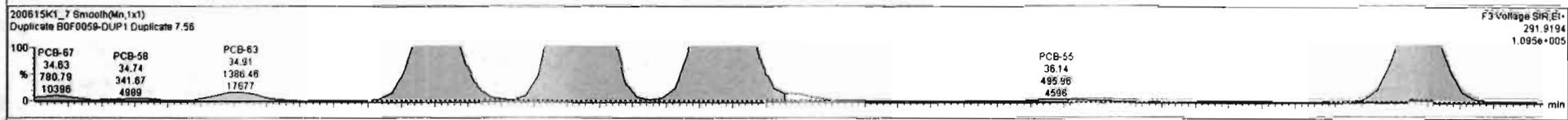
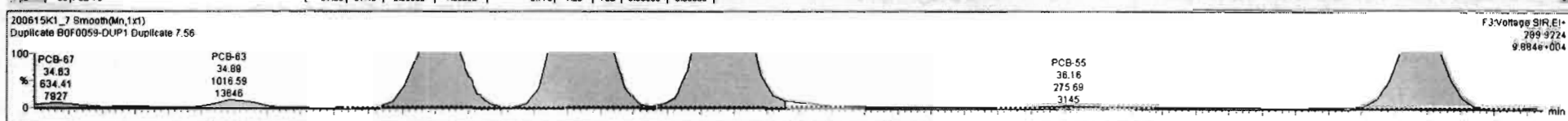
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1:1 Ratio (Pred)	RA	n/y	BMP	Conc.
1	32 PCB-54	27.82	27.82	6.764e2	9.256e2	0.770	0.73	NO	3.8183	3.8163
2	33 PCB-50	28.81	28.81	1.290e2	2.165e2	0.770	0.80	YES	0.82191	0.00000
3	34 PCB-53	29.50	29.50	3.448e3	4.396e3	0.770	0.78	NO	22.546	22.546
4	35 PCB-51	29.84	29.85	2.045e3	3.102e3	0.770	0.66	NO	13.843	13.843
5	36 PCB-45	30.29	30.30	1.638e3	2.053e3	0.770	0.80	NO	12.317	12.317
6	37 PCB-46	30.78	30.80	7.574e2	1.007e3	0.770	0.75	NO	6.0983	6.0983
7	38 PCB-52/69	31.28	31.28	2.401e4	3.195e4	0.770	0.75	NO	137.44	137.44
8	39 PCB-73	31.39	31.43	2.033e2	1.852e2	0.770	1.23	YES	0.59065	0.00000





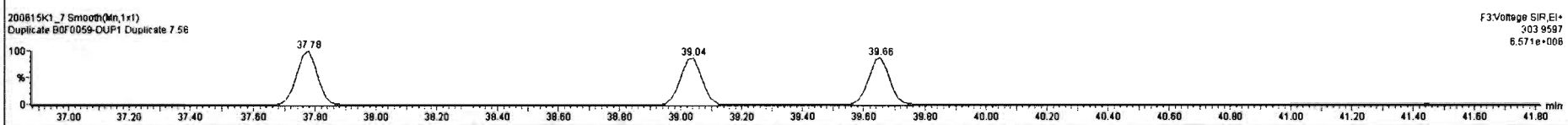
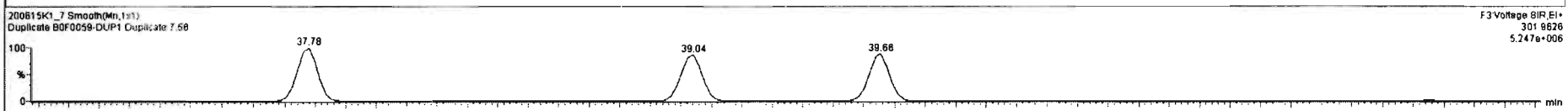
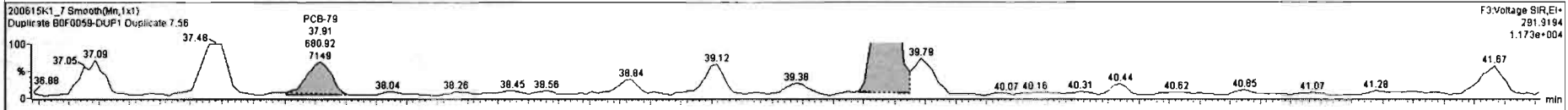
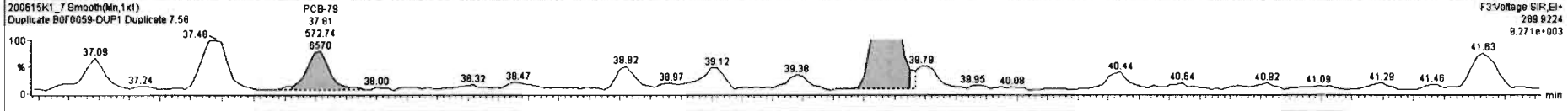
#	Name	Resp	RA	nly	RRF	wtdcd	Pred RT	RT	Pred.R.	RRT	RRT Fat	Conc	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9628	5.015	0.00	0.000			NO	339.8		8.33	343.5
228	Total Tetra-PCBs				1.0778	5.015	0.00	0.000			NO	1052		11.1	1098
229	3rd Function Penta-PCBs				1.3157	5.015	0.00	0.000			NO	1229		19.8	1278
230	4th Function Penta-PCBs				1.0735	5.015	0.00	0.000			NO	80.92		3.23	83.85
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00	0.000			NO	418.5		12.7	430.6
232	4th Function Hexa-PCBs				1.0316	5.015	0.00	0.000			NO	902.8		8.48	917.2
233	Total Hepta-PCBs				1.3551	5.015	0.00	0.000			NO	844.5		8.33	852.4
234	4th Function Octa-PCBs				1.0008	5.015	0.00	0.000			NO	155.4		3.78	178.8
235	5th Function Octa-PCBs				1.1499	5.015	0.00	0.000			NO	53.84		1.06	74.10

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	PCB-54	27.62	27.62	6.764e2	9.255e2	0.770	0.73	NO	3.6183	3.6183
2	PCB-50	28.81	28.81	1.290e2	2.165e2	0.770	0.60	YES	0.82191	0.00000
3	PCB-53	29.50	29.50	3.448e3	4.386e3	0.770	0.78	NO	22.546	22.546
4	PCB-51	29.84	29.85	2.045e3	3.102e3	0.770	0.68	NO	13.843	13.843
5	PCB-45	30.29	30.30	1.638e3	2.053e3	0.770	0.80	NO	12.317	12.317
6	PCB-46	30.78	30.80	7.574e2	1.007e3	0.770	0.75	NO	6.0863	6.0863
7	PCB-52/69	31.28	31.28	2.401e4	3.185e4	0.770	0.75	NO	137.44	137.44
8	PCB-73	31.39	31.43	2.033e2	1.852e2	0.770	1.23	YES	0.58065	0.00000



#	Name	Resp	RA	n/y	RF	wtVol	Pred.RT	RT	Pred.R.	RRT	RRT.Fail	Conc.	%IAC	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1229		19.9	1279
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.92		3.23	63.65
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	232 4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1489	5.015	0.00		0.000		NO	53.84		1.09	74.10

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.82	27.82	6.784e2	9.255e2	0.770	0.73	NO	3.6183	3.6183
2	33 PCB-50	28.81	28.81	1.290e2	2.165e2	0.770	0.60	YES	0.82191	0.00000
3	34 PCB-53	29.50	29.50	3.448e3	4.386e3	0.770	0.78	NO	22.546	22.546
4	35 PCB-51	29.84	29.85	2.045e3	3.102e3	0.770	0.68	NO	13.843	13.843
5	36 PCB-45	30.29	30.30	1.838e3	2.053e3	0.770	0.80	NO	12.317	12.317
6	37 PCB-46	30.78	30.80	7.574e2	1.007e3	0.770	0.75	NO	6.0863	6.0863
7	38 PCB-52/69	31.28	31.28	2.401e4	3.195e4	0.770	0.75	NO	137.44	137.44
8	39 PCB-73	31.39	31.43	2.033e2	1.652e2	0.770	1.23	YES	0.58065	0.00000



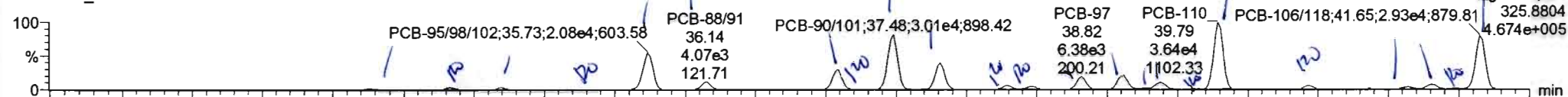
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

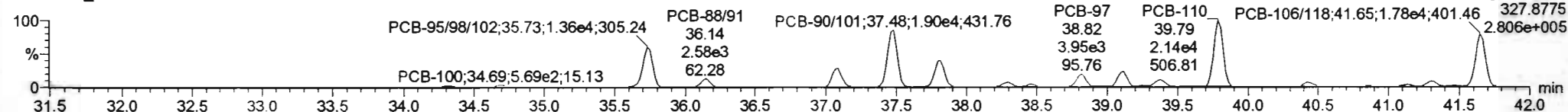
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-104**

200615K1\_7

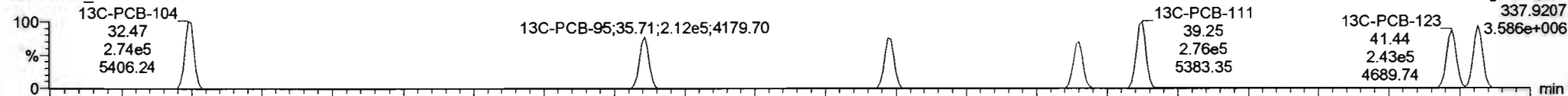


200615K1\_7

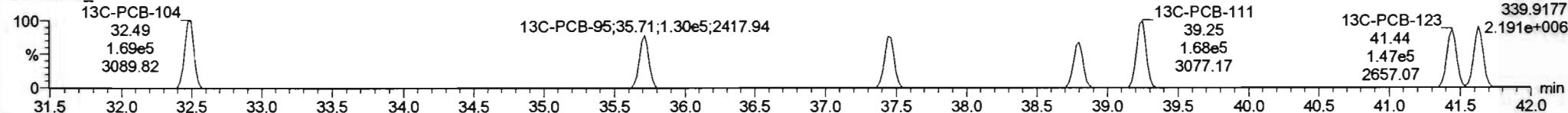


**13C-PCB-104**

200615K1\_7

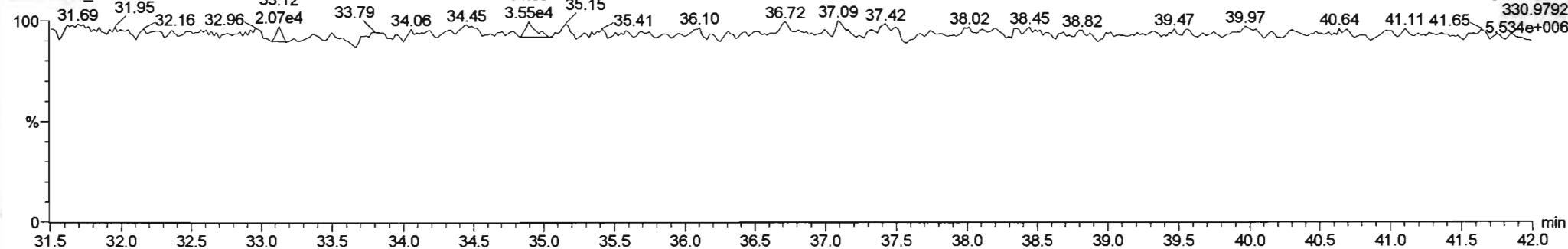


200615K1\_7



**PFK3b**

200615K1\_7



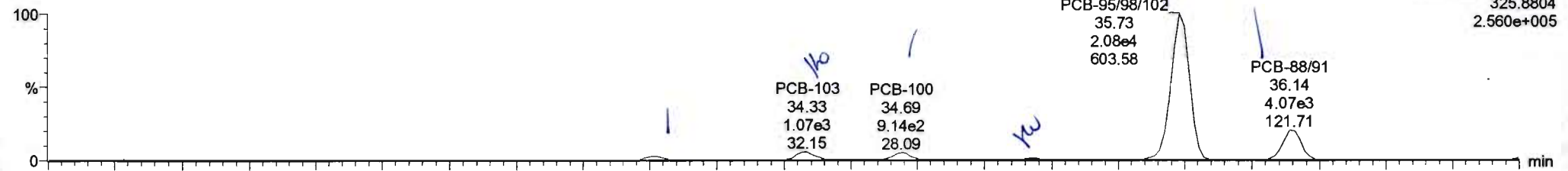
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

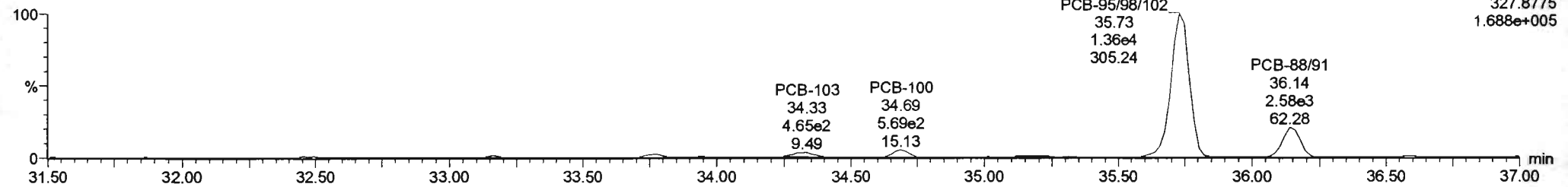
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-96**

200615K1\_7

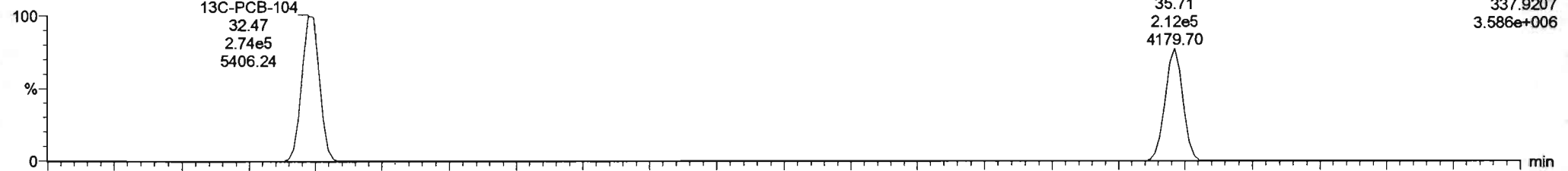


200615K1\_7

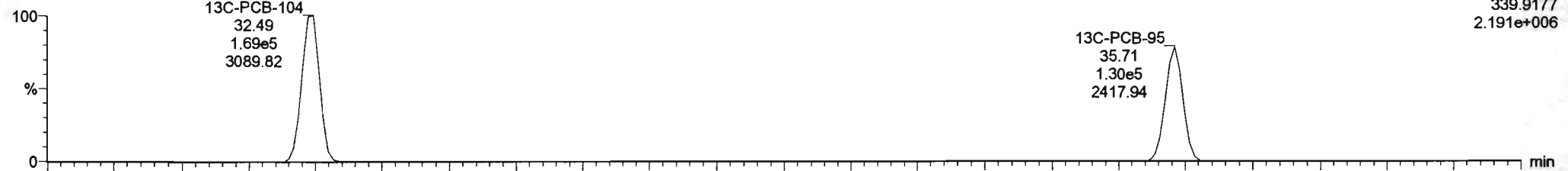


**13C-PCB-95**

200615K1\_7

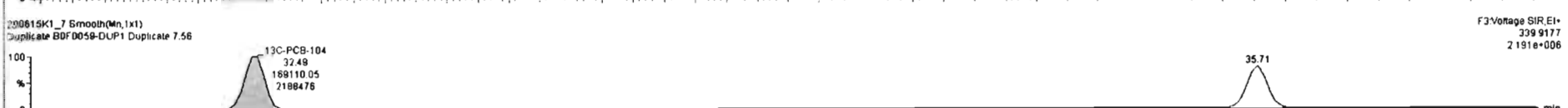
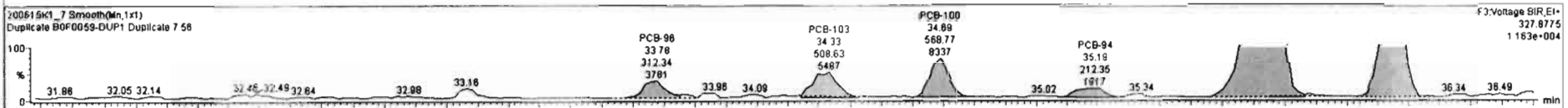
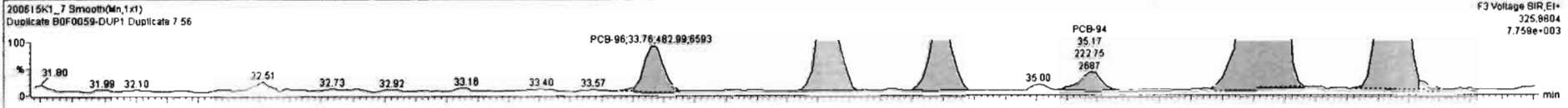


200615K1\_7



#	Name	Resp	RA	n/y	RRF	wt/mol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9628	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		19.9	1281
230	4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	80.92		3.23	83.65
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	5th Function Octa-PCBs				1.1499	5.015	0.00		0.000		NO	53.84		1.09	74.10
236	Total Mono-PCBs				0.9455	4.762	0.00		0.000		NO	22.72		1.78	22.72

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 <sup>st</sup> Ratio (Pred)	RA	n/y	EMPC	Conc
1	85 PCB-96	33.81	33.76	4.830e2	3.123e2	1.560	1.55	NO	3.1043	3.1043
2	86 PCB-103	34.38	34.33	1.089e3	5.098e2	1.560	2.10	YES	6.2616	0.00000
3	87 PCB-100	34.73	34.69	9.142e2	5.898e2	1.560	1.61	NO	7.0038	7.0038
4	88 PCB-94	35.19	35.17	2.228e2	2.123e2	1.560	1.05	YES	2.2435	0.00000
5	89 PCB-95/98/102	35.67	35.73	2.079e4	1.263e4	1.560	1.53	NO	166.42	166.42
6	71 PCB-88/81	36.14	36.14	4.015e3	2.579e3	1.560	1.56	NO	36.058	36.058
7	73 PCB-84/82	37.08	37.09	1.072e4	6.198e3	1.560	1.73	NO	96.140	96.140
8	74 PCB-89	37.25	37.28	1.775e2	5.187e1	1.560	3.41	YES	0.68647	0.00000





Dataset: Untitled

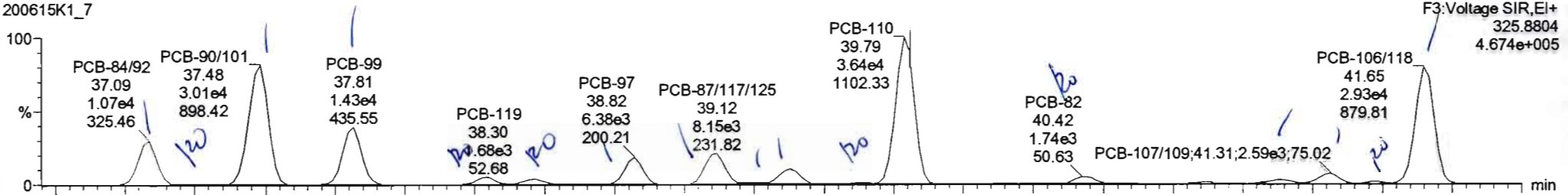
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

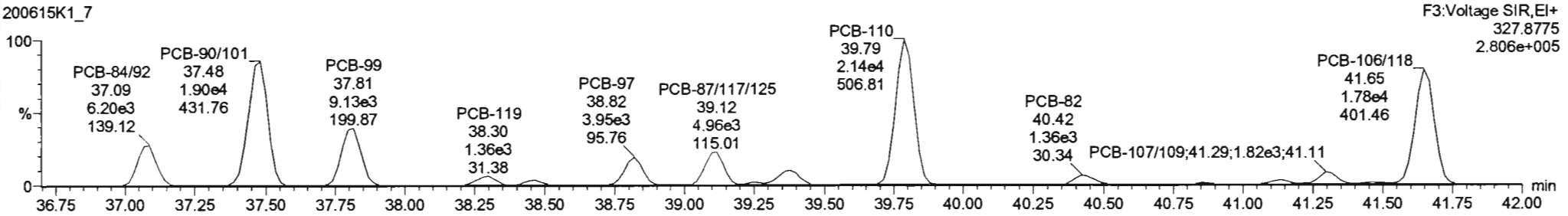
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

PCB-119

200615K1\_7

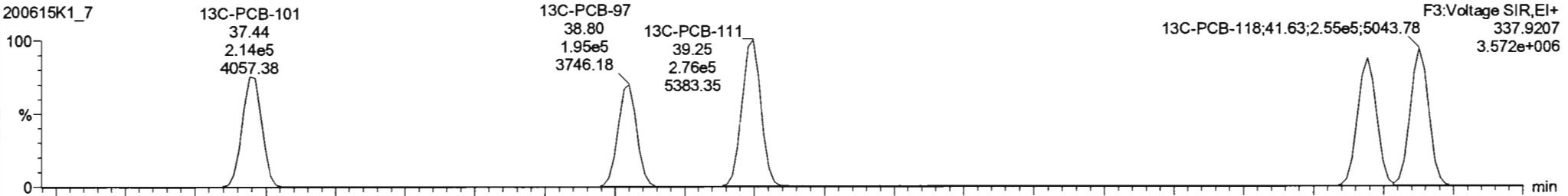


200615K1\_7

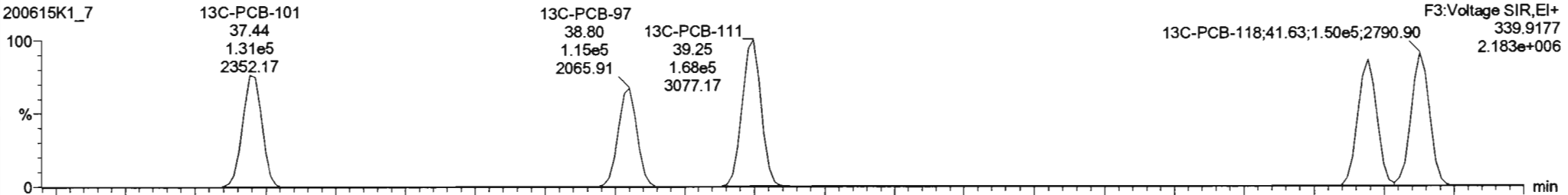


13C-PCB-111

200615K1\_7



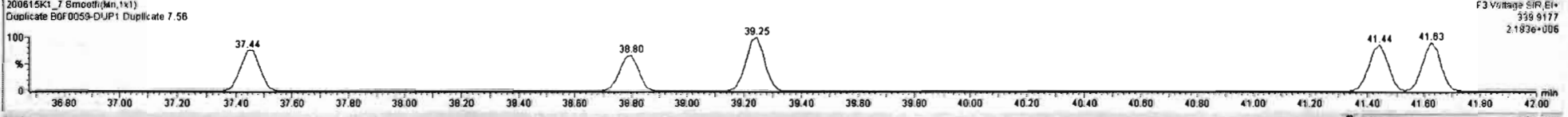
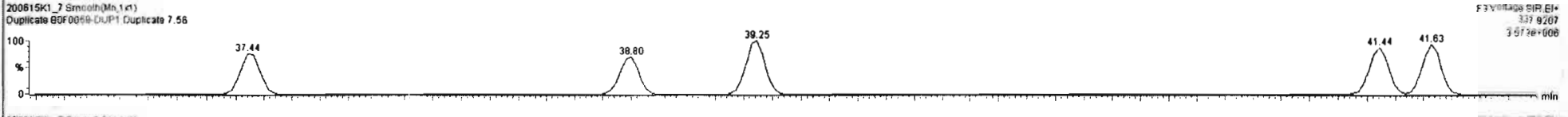
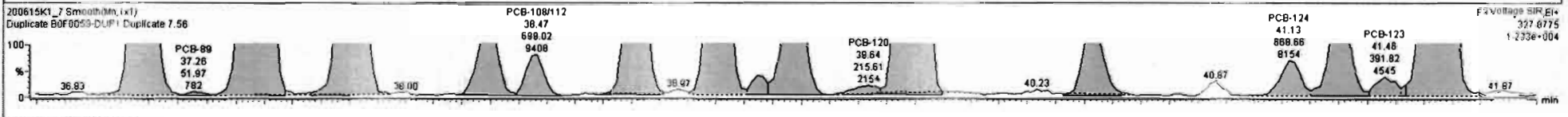
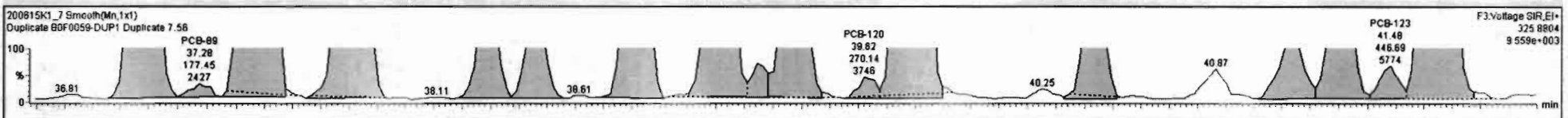
200615K1\_7





#	Name	Resp	RA	n/y	RRF	wtVol	Prod RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9626	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		19.8	1261
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.92		3.23	63.65
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	232 4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	4th Function Octa-PCBs				1.0006	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1489	5.015	0.00		0.000		NO	53.84		1.08	74.10

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	85 PCB-86	33.81	33.76	4.830e2	3.123e2	1.560	1.55	NO	3.1043	3.1043
2	86 PCB-103	34.38	34.33	1.089e3	5.085e2	1.560	2.10	YES	6.2616	0.00000
3	87 PCB-100	34.73	34.68	9.142e2	5.688e2	1.560	1.61	NO	7.0038	7.0038
4	88 PCB-94	35.19	35.17	2.228e2	2.123e2	1.560	1.05	YES	2.2435	0.00000
5	89 PCB-95/98/102	35.67	35.73	2.079e4	1.363e4	1.560	1.53	NO	166.42	166.42
6	71 PCB-88/91	36.14	36.14	4.015e3	2.578e3	1.560	1.58	NO	36.058	36.058
7	73 PCB-84/92	37.08	37.08	1.072e4	6.199e3	1.560	1.73	NO	96.140	96.140
8	74 PCB-89	37.25	37.26	1.775e2	5.197e1	1.560	3.41	YES	0.89647	0.00000



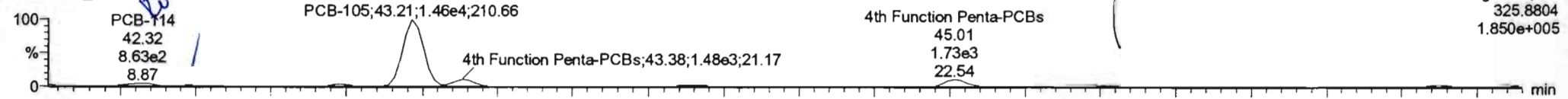
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

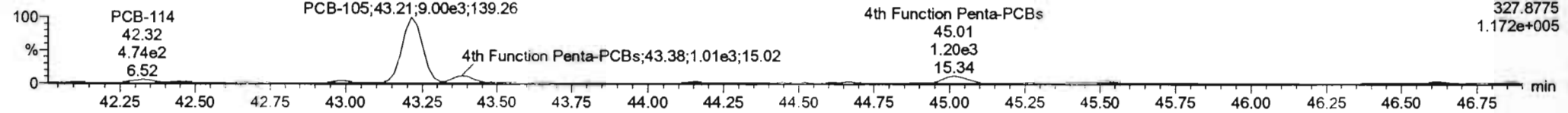
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-114**

200615K1\_7

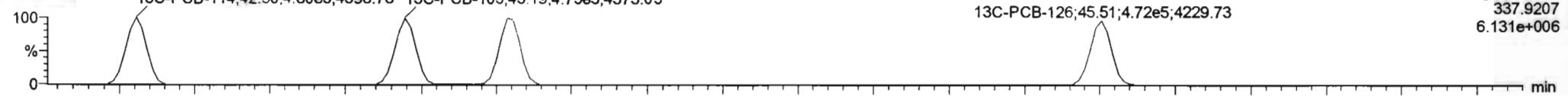


200615K1\_7

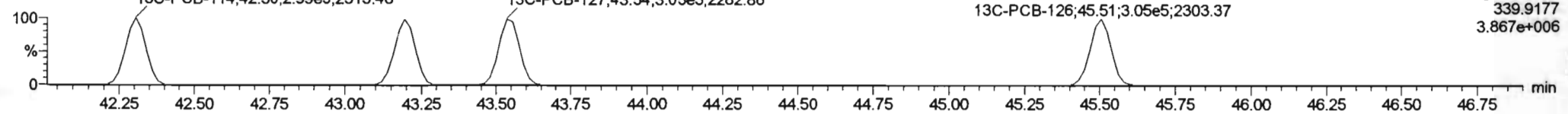


**13C-PCB-114**

200615K1\_7

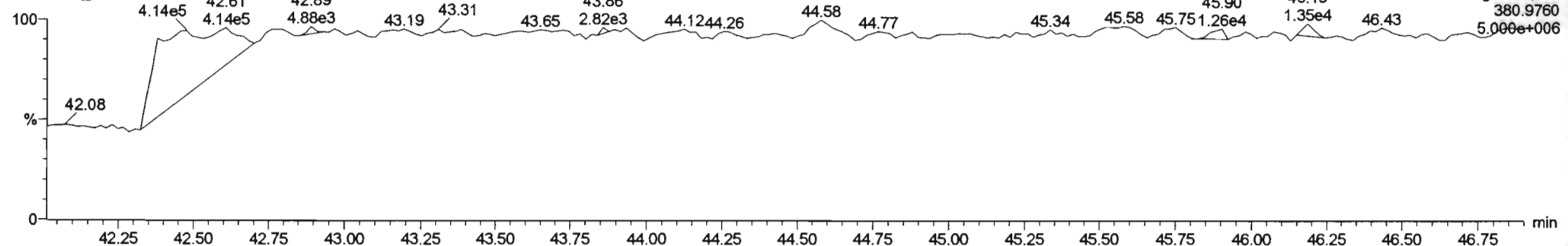


200615K1\_7



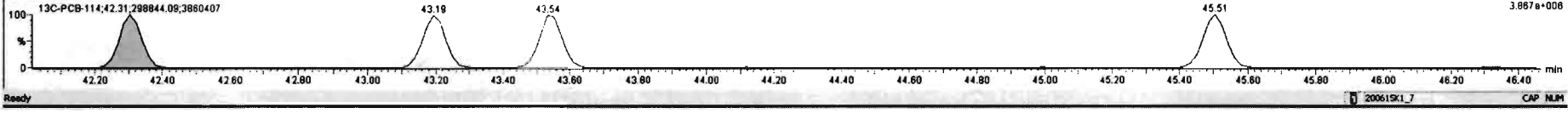
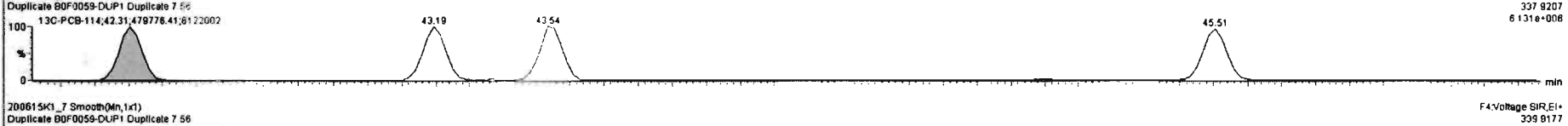
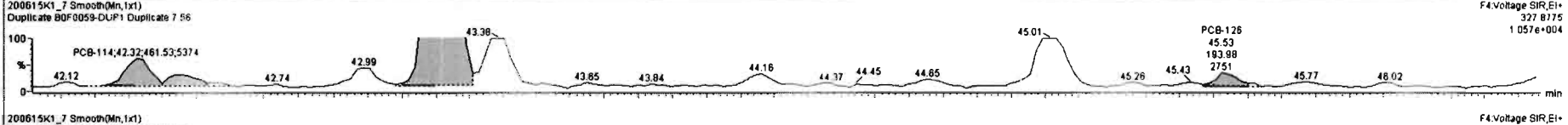
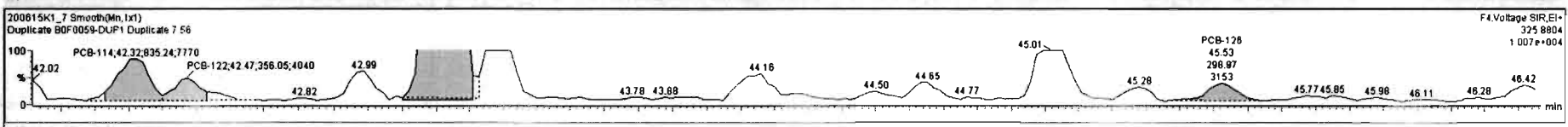
**PFK4a**

200615K1\_7



#	Name	Resp	RA	n/y	RfF	w/wal	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9626	5.015	0.00		0.000		NO	339.8		8.33	343.5
226	226 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		19.9	1281
230	230 4th Function Penta-PCBs				1.0726	5.015	0.00		0.000		NO	60.51		3.23	63.16
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	418.5		12.7	430.6
232	232 4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	902.8		8.48	917.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	235 5th Function Octa-PCBs				1.1498	5.015	0.00		0.000		NO	53.84		1.00	74.10

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	I* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.33	42.32	0.352e2	4.615e2	1.580	1.81	YES	2.6518	0.00000
2	94 PCB-122	42.47	42.47	3.561e2	2.182e2	1.580	1.63	NO	1.5574	1.5574
3	95 PCB-105	43.21	43.21	1.455e4	8.977e3	1.550	1.62	NO	57.874	57.874
4	97 PCB-126	45.52	45.53	2.980e2	1.940e2	1.560	1.54	NO	1.0795	1.0795



Dataset: Untitled

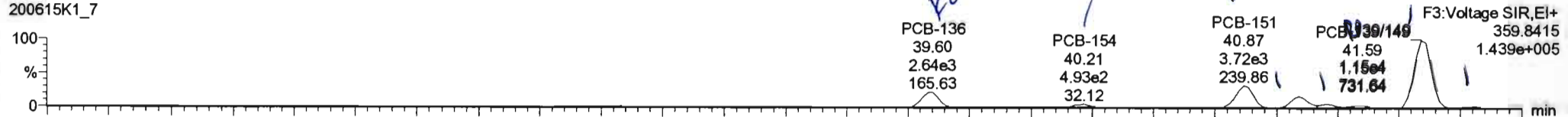
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

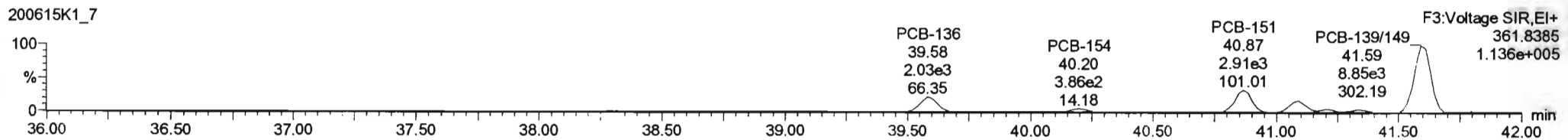
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-155**

200615K1\_7

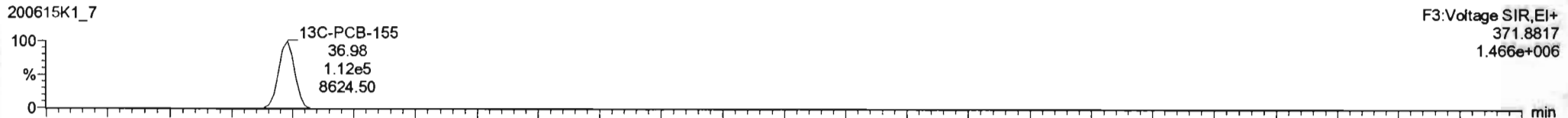


200615K1\_7

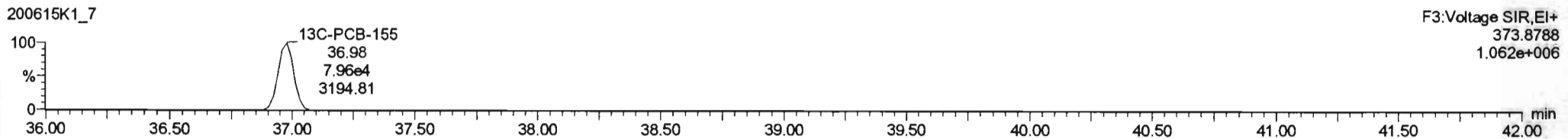


**13C-PCB-155**

200615K1\_7

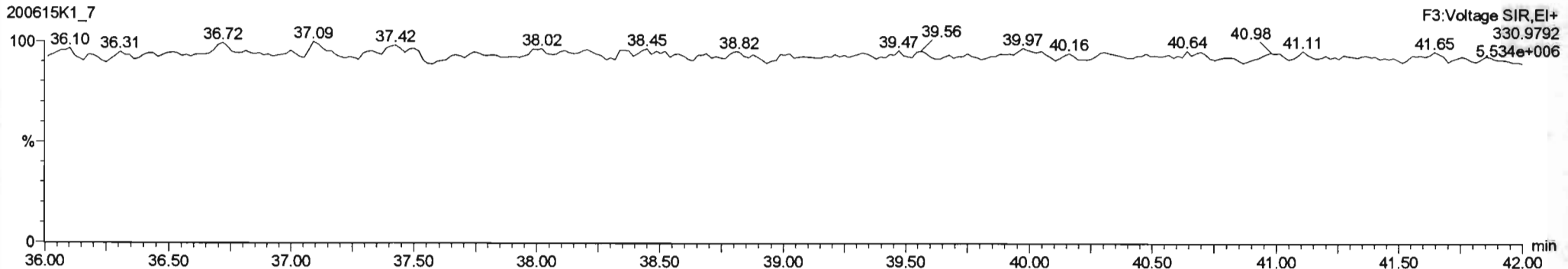


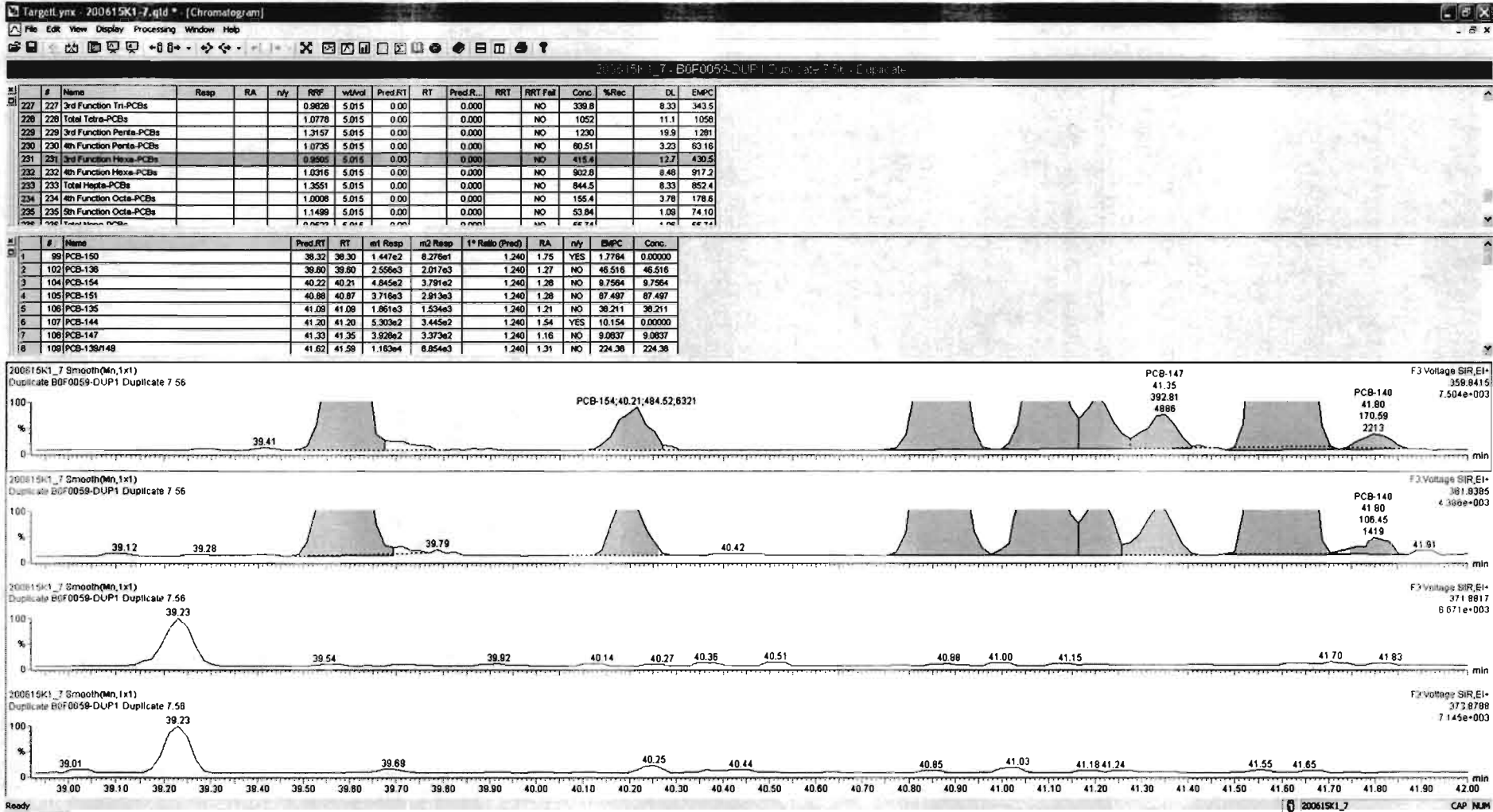
200615K1\_7



**PFK3c**

200615K1\_7



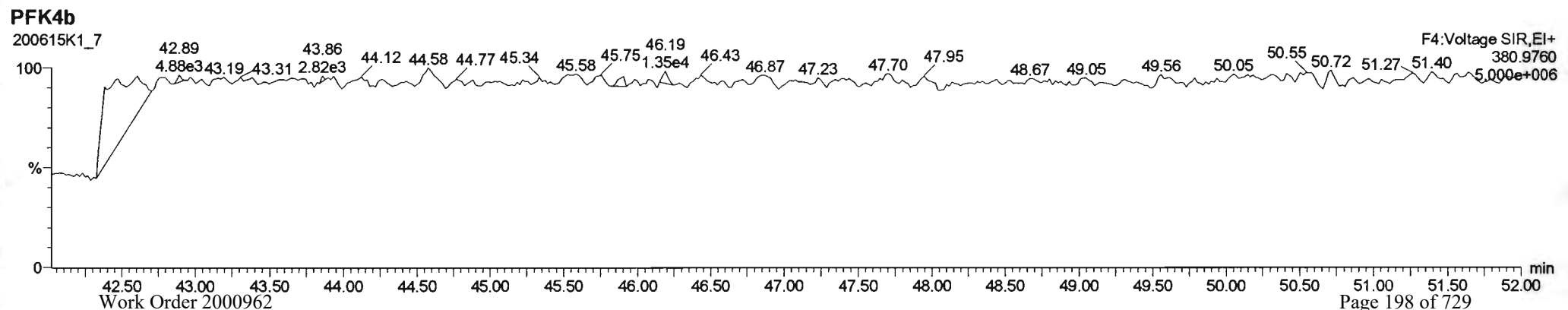
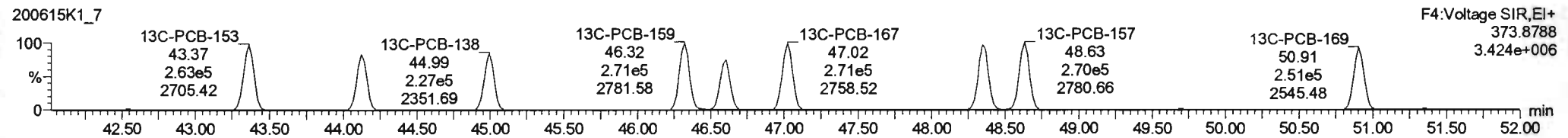
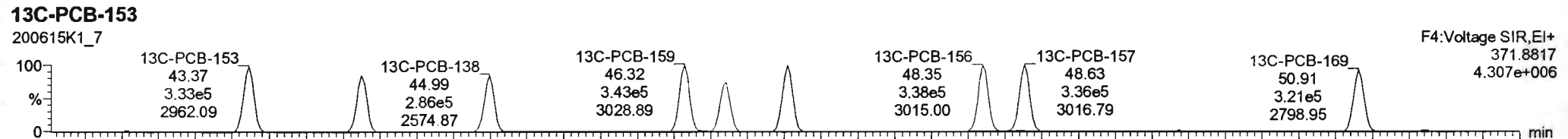
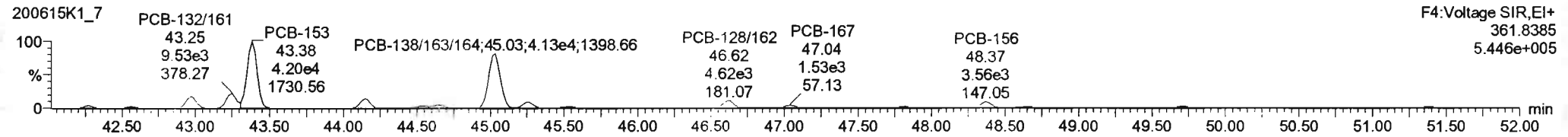
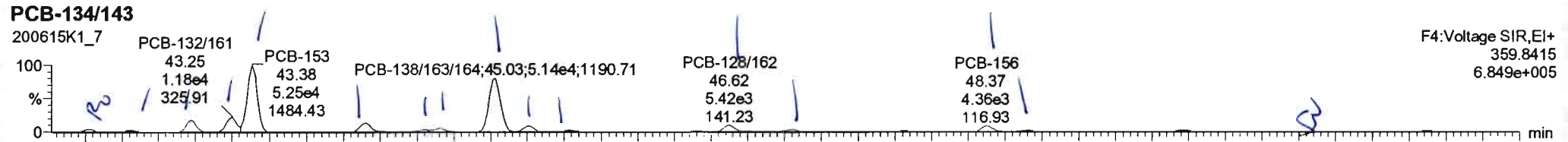


Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate



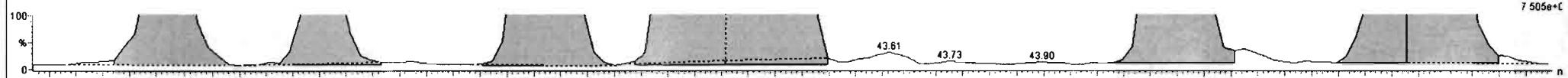


#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	338.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
228	228 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		19.9	1281
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.51		3.23	63.16
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	415.4		12.7	430.5
232	232 4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	904.8		8.48	918.7
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1498	5.015	0.00		0.000		NO	53.84		1.09	74.10
236	236 Total Mono-PCBs				0.0000	5.015	0.00		0.000		NO	66.74		1.08	66.74

#	Name	Pred.RT	RT	rr1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.26	42.27	2.100e3	1.422e3	1.240	1.48	YES	14.049	0.00000
2	112 PCB-131/133	42.58	42.55	1.274e3	9.893e2	1.240	1.29	NO	9.2307	9.2307
3	114 PCB-146/165	42.97	42.97	9.394e3	7.727e3	1.240	1.22	NO	56.371	56.371
4	115 PCB-132/161	43.20	43.25	1.186e4	9.585e3	1.240	1.24	NO	70.034	70.034
5	116 PCB-153	43.38	43.38	5.262e4	4.204e4	1.240	1.25	NO	285.98	285.98
6	118 PCB-141	44.14	44.14	7.341e3	5.955e3	1.240	1.23	NO	50.976	50.976
7	119 PCB-137	44.54	44.54	1.308e3	1.177e3	1.240	1.11	NO	8.8111	8.8111
8	120 PCB-130	44.64	44.65	2.853e3	2.156e3	1.240	1.32	NO	22.265	22.265

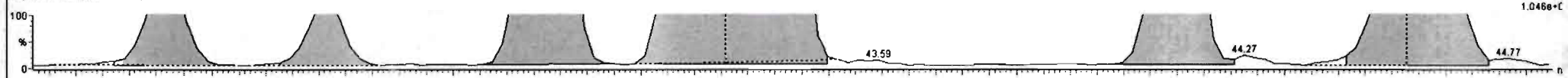
200615K1\_7 Smooth(Mn,1x1)

Duplicate B0F0059-DUP1 Duplicate 7.56



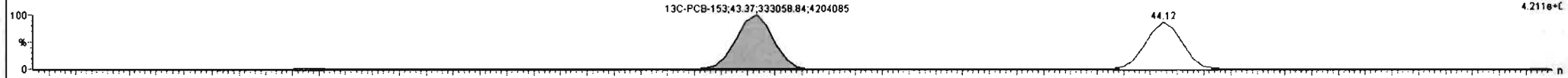
200615K1\_7 Smooth(Mn,1x1)

Duplicate B0F0059-DUP1 Duplicate 7.56



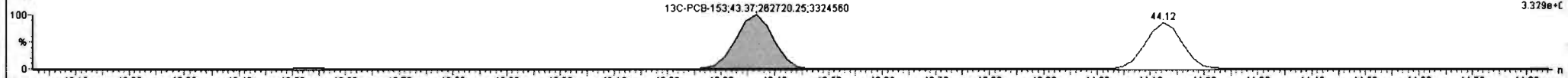
200615K1\_7 Smooth(Mn,1x1)

Duplicate B0F0059-DUP1 Duplicate 7.56



200615K1\_7 Smooth(Mn,1x1)

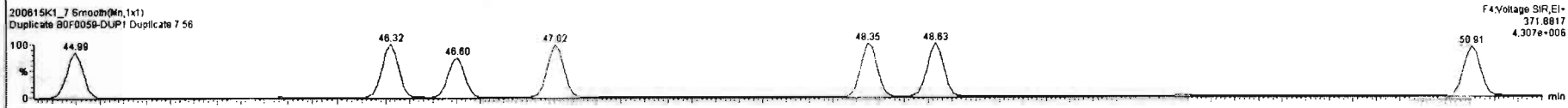
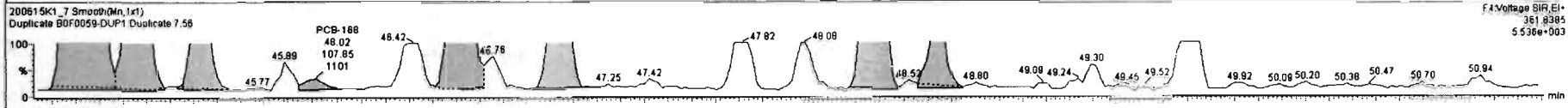
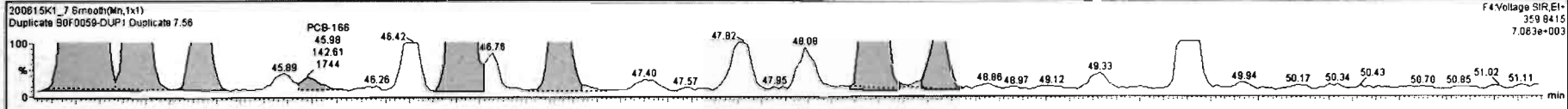
Duplicate B0F0059-DUP1 Duplicate 7.56



200615K1\_7\_200615K1\_7.DUP1.Duplicate 7.56 - Duplicate

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	338.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		18.9	1281
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	80.51		3.23	83.18
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	415.4		12.7	430.5
232	232 4th Function Hexa-PCBs				1.2018	5.015	0.00		0.000		NO	904.6		8.48	919.2
233	233 Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	844.5		8.33	852.4
234	234 4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.8
235	235 5th Function Octa-PCBs				1.1499	5.015	0.00		0.000		NO	53.84		1.09	74.10
236	236 Total Nona-PCBs				0.9899	5.015	0.00		0.000		NO	22.74		1.40	24.71

#	Name	Pred.RT	RT	Int Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.26	42.27	2.100e3	1.422e3	1.240	1.46	YES	14.048	0.00000
2	112 PCB-131/133	42.56	42.55	1.274e3	9.893e2	1.240	1.28	NO	9.2307	9.2307
3	114 PCB-148/165	42.97	42.97	9.394e3	7.727e3	1.240	1.22	NO	56.371	56.371
4	115 PCB-132/161	43.20	43.25	1.186e4	9.585e3	1.240	1.24	NO	70.034	70.034
5	116 PCB-153	43.36	43.38	5.262e4	4.204e4	1.240	1.25	NO	295.98	295.98
6	118 PCB-141	44.14	44.14	7.341e3	5.855e3	1.240	1.23	NO	50.876	50.876
7	119 PCB-137	44.54	44.54	1.308e3	1.177e3	1.240	1.11	NO	8.8111	8.8111
8	120 PCB-130	44.84	44.85	2.853e3	2.158e3	1.240	1.32	NO	22.285	22.285



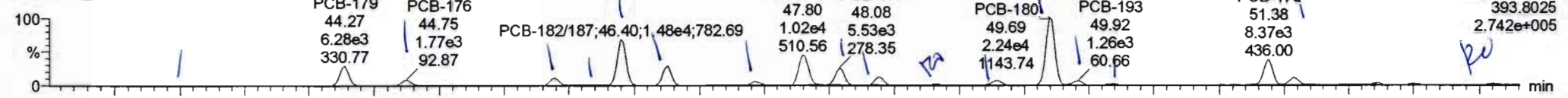
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

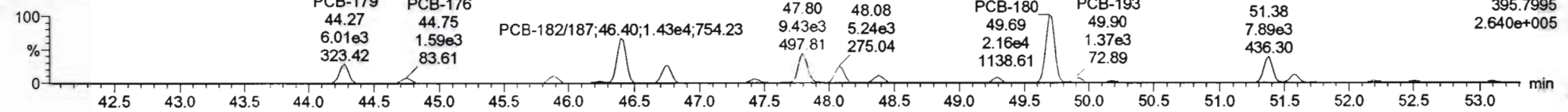
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-188**

200615K1\_7

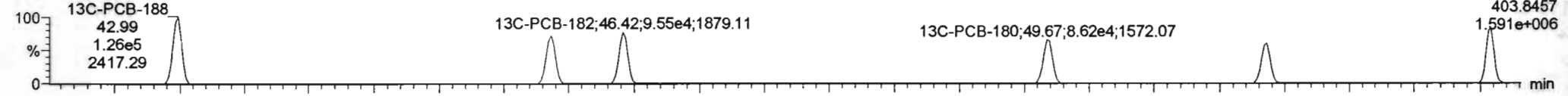


200615K1\_7

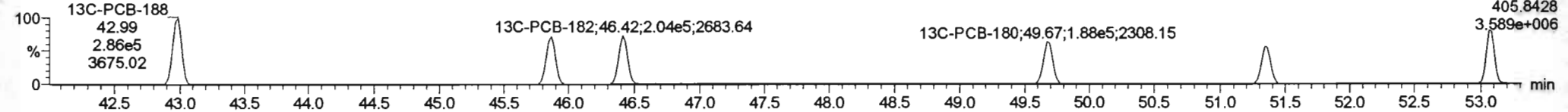


**13C-PCB-188**

200615K1\_7

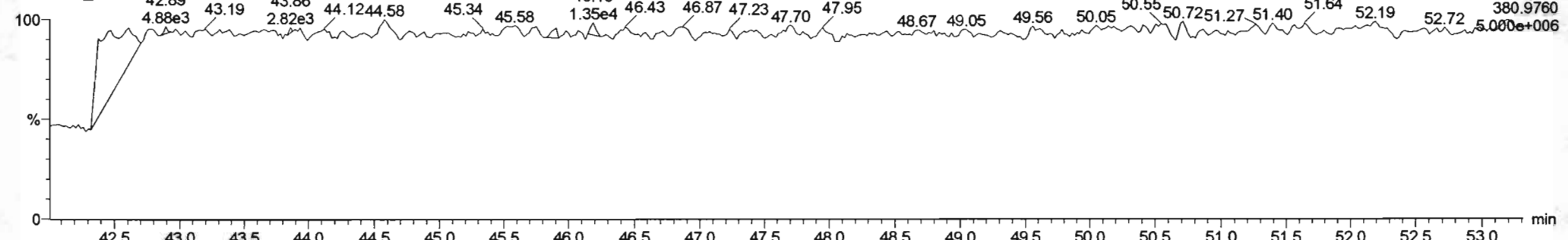


200615K1\_7



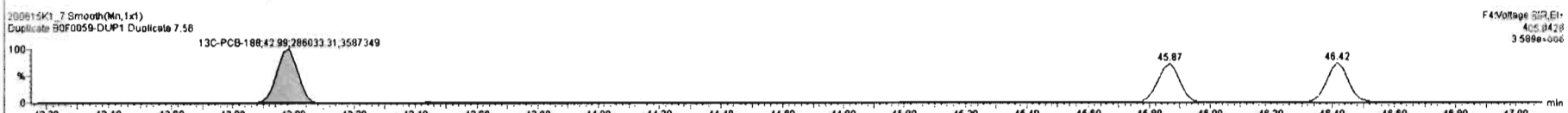
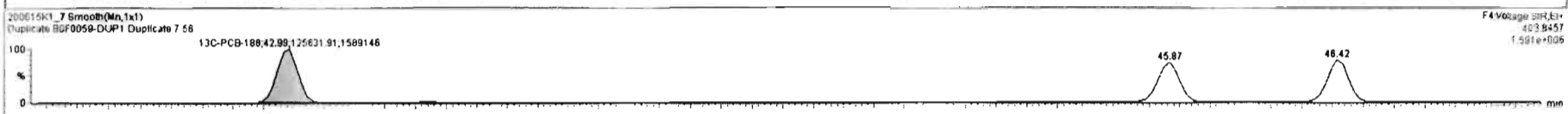
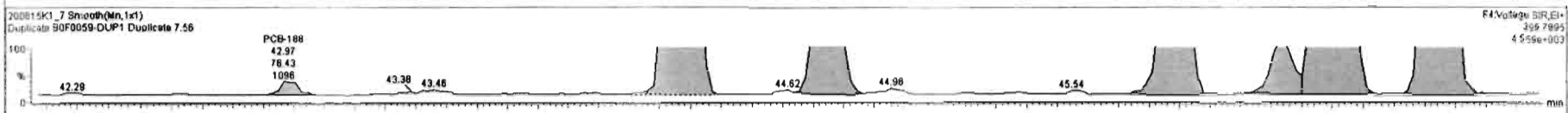
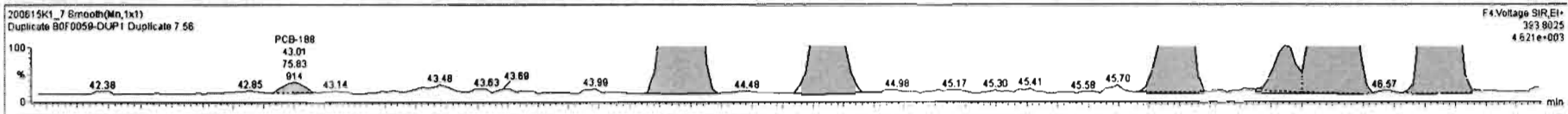
**PFK4c**

200615K1\_7



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RTT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.015	0.00		0.000		NO	338.8		8.33	343.5
228	Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		19.9	1281
230	4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.51		3.23	63.18
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	415.4		12.7	430.5
232	4th Function Hexa-PCBs				1.0318	5.015	0.00		0.000		NO	904.5		8.48	918.7
233	Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	848.3		8.53	853.9
234	4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	5th Function Octa-PCBs				1.1499	5.015	0.00		0.000		NO	53.84		1.09	74.10
236	Total Mono-PCBs				0.9693	5.015	0.00		0.000		NO	48.74		1.06	68.74

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	43.02	43.01	7.583e1	7.843e1	1.050	0.99	NO	0.57191	0.57191
2	133 PCB-179	44.28	44.28	8.284e3	5.999e3	1.050	1.05	NO	45.827	45.827
3	134 PCB-178	44.74	44.75	1.785e3	1.585e3	1.050	1.11	NO	12.402	12.402
4	136 PCB-178	45.89	45.89	2.314e3	2.169e3	1.050	1.07	NO	23.010	23.010
5	137 PCB-175	46.24	46.24	3.499e2	3.805e2	1.050	0.92	NO	3.7003	3.7003
6	138 PCB-162/187	46.42	46.40	1.478e4	1.426e4	1.050	1.04	NO	131.94	131.94
7	139 PCB-183	46.76	46.78	5.889e3	5.892e3	1.050	1.03	NO	54.851	54.851
8	140 PCB-185	47.42	47.42	1.074e3	1.064e3	1.050	1.01	NO	11.088	11.088

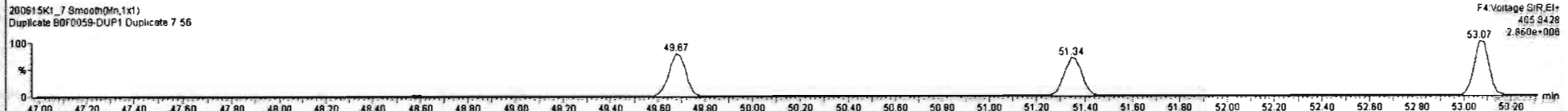
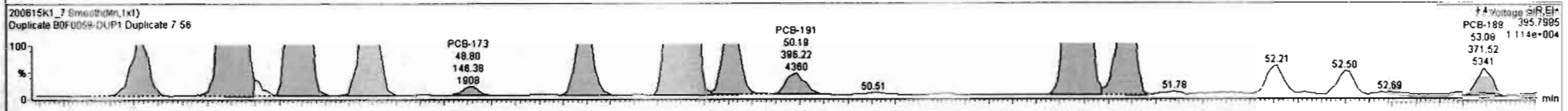
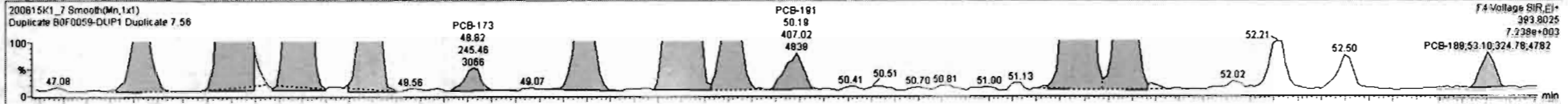




200615K1\_7\_50F0059-DUP1 Duplicate 7.56 Duplicate

#	Name	Resp	RA	n/y	100'	wAval	Pred.RT	RT	Prod.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9628	5.015	0.00		0.000		NO	339.8		8.33	343.5
228	Total Tetra-PCBs				1.0778	5.015	0.00		0.000		NO	1052		11.1	1058
229	3rd Function Penta-PCBs				1.3157	5.015	0.00		0.000		NO	1230		18.9	1281
230	4th Function Penta-PCBs				1.0735	5.015	0.00		0.000		NO	60.51		3.23	63.16
231	3rd Function Hexa-PCBs				0.9505	5.015	0.00		0.000		NO	415.4		12.7	430.5
232	4th Function Hexa-PCBs				1.0316	5.015	0.00		0.000		NO	804.8		8.48	918.7
233	Total Hepta-PCBs				1.3551	5.015	0.00		0.000		NO	848.3		8.33	853.0
234	4th Function Octa-PCBs				1.0008	5.015	0.00		0.000		NO	155.4		3.78	178.6
235	5th Function Octa-PCBs				1.1499	5.015	0.00		0.000		NO	53.84		1.09	74.10

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	43.02	43.01	7.583e1	7.643e1	1.050	0.99	NO	0.57191	0.57191
2	133 PCB-179	44.28	44.26	6.284e3	5.996e3	1.050	1.05	NO	45.827	45.827
3	134 PCB-176	44.74	44.75	1.765e3	1.595e3	1.050	1.11	NO	12.402	12.402
4	136 PCB-178	45.89	45.89	2.314e3	2.109e3	1.050	1.07	NO	23.010	23.010
5	137 PCB-175	46.24	46.24	3.499e2	3.805e2	1.050	0.92	NO	3.7003	3.7003
6	138 PCB-182/187	46.42	46.40	1.479e4	1.426e4	1.050	1.04	NO	131.94	131.94
7	139 PCB-183	46.78	46.76	5.899e3	5.892e3	1.050	1.03	NO	54.851	54.851
8	140 PCB-185	47.42	47.42	1.074e3	1.084e3	1.050	1.01	NO	11.088	11.088

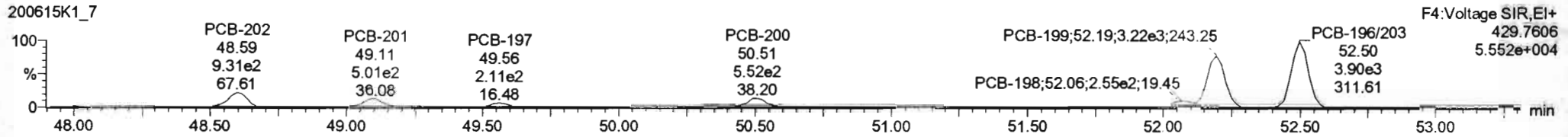
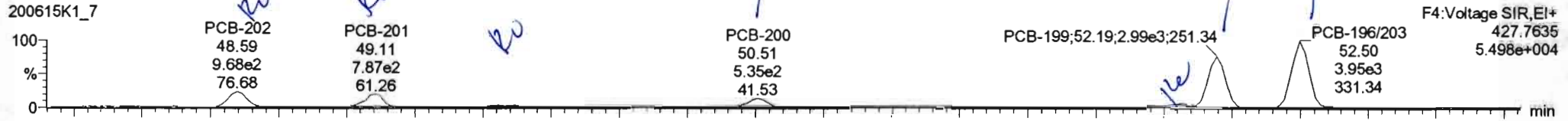


Dataset: Untitled

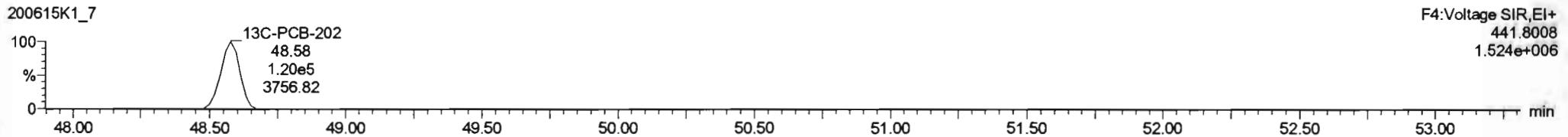
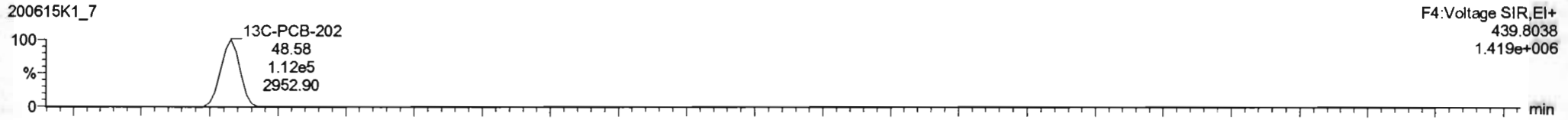
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

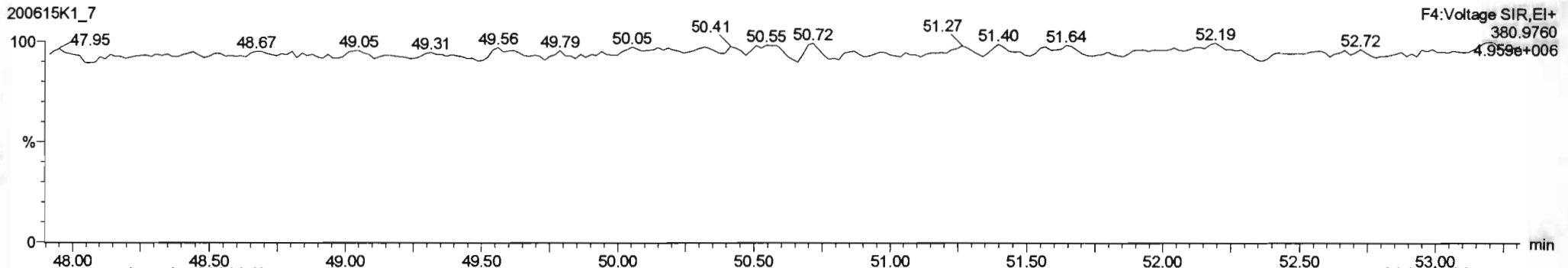
PCB-202



13C-PCB-202



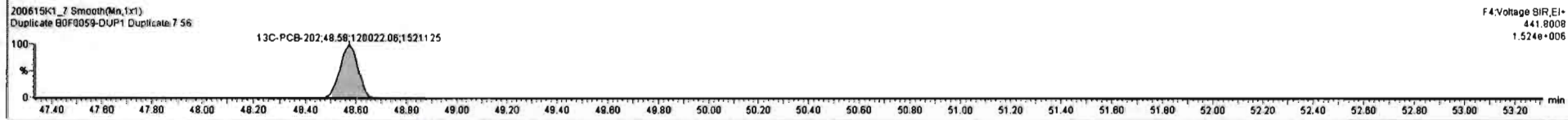
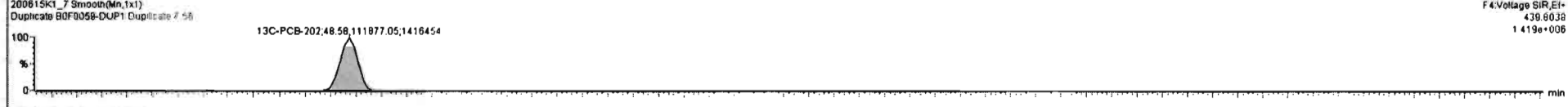
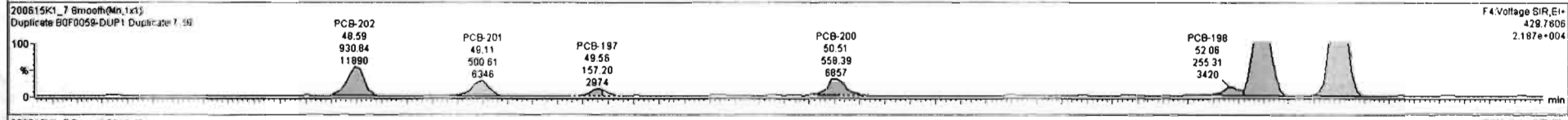
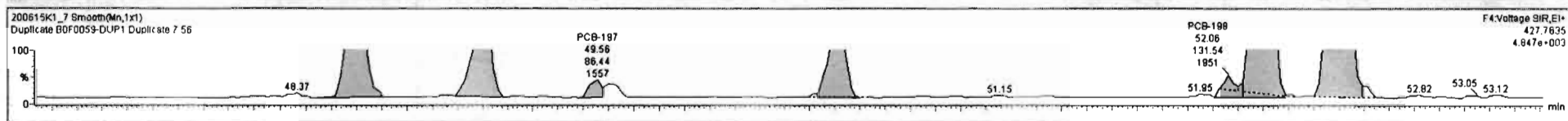
PFK4d





#	Name	Resp	RA	nly	RRF	wt/nd	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9828	5.015	0.00	0.000			NO	339.8		8.33	343.5
228	228 Total Tetra-PCBs				1.0778	5.015	0.00	0.000			NO	1052		11.1	1058
229	229 3rd Function Penta-PCBs				1.3157	5.015	0.00	0.000			NO	1230		19.9	1281
230	230 4th Function Penta-PCBs				1.0735	5.015	0.00	0.000			NO	60.51		3.23	63.18
231	231 3rd Function Hexa-PCBs				0.9505	5.015	0.00	0.000			NO	415.4		12.7	430.5
232	232 4th Function Hexa-PCBs				1.0318	5.015	0.00	0.000			NO	904.6		8.48	918.7
233	233 Total Hepta-PCBs				1.3551	5.015	0.00	0.000			NO	848.3		8.33	853.0
234	234 4th Function Octa-PCBs				1.0005	5.015	0.00	0.000			NO	155.4		3.78	160.5
235	235 5th Function Octa-PCBs				1.1498	5.015	0.00	0.000			NO	53.84		1.09	74.10

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	154 PCB-202	48.61	48.58	9.882e2	9.309e2	0.890	1.04	YES	12.950	0.00000
2	155 PCB-201	49.10	49.11	7.869e2	5.006e2	0.890	1.57	YES	7.7285	0.00000
3	157 PCB-197	49.57	49.58	8.844e1	1.572e2	0.890	0.55	YES	1.3936	0.00000
4	158 PCB-200	50.50	50.51	5.285e2	5.584e2	0.890	0.95	NO	8.7326	8.7326
5	159 PCB-198	52.08	52.08	1.315e2	2.553e2	0.890	0.52	YES	3.0280	0.00000
6	160 PCB-199	52.18	52.19	3.032e3	3.224e3	0.890	0.94	NO	86.484	86.484
7	161 PCB-196/203	52.50	52.50	3.911e3	3.903e3	0.890	1.00	NO	80.171	80.171



Dataset: Untitled

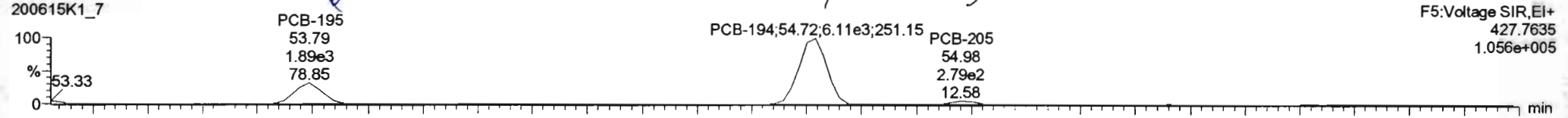
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

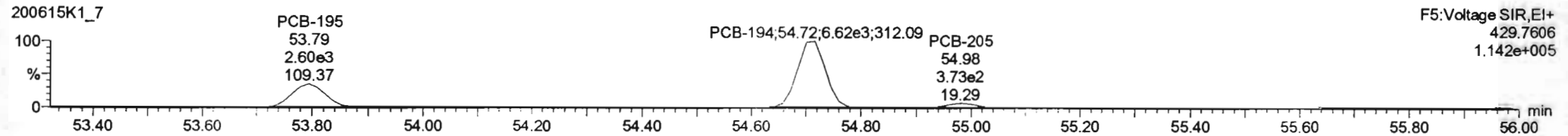
Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

**PCB-195**

200615K1\_7

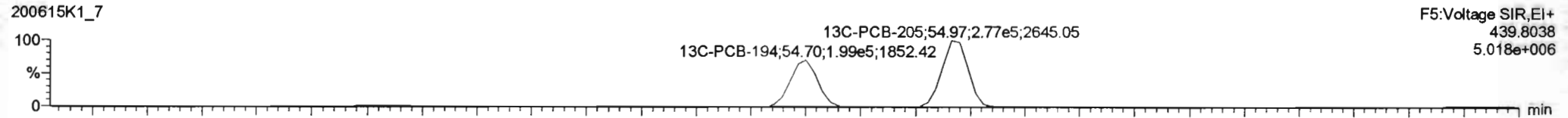


200615K1\_7

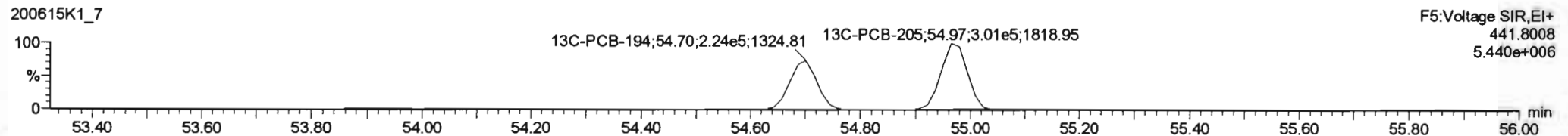


**13C-PCB-194**

200615K1\_7

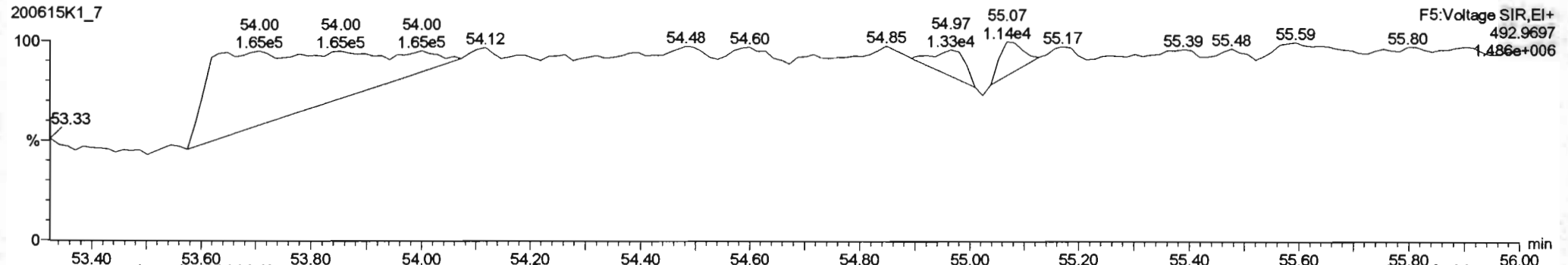


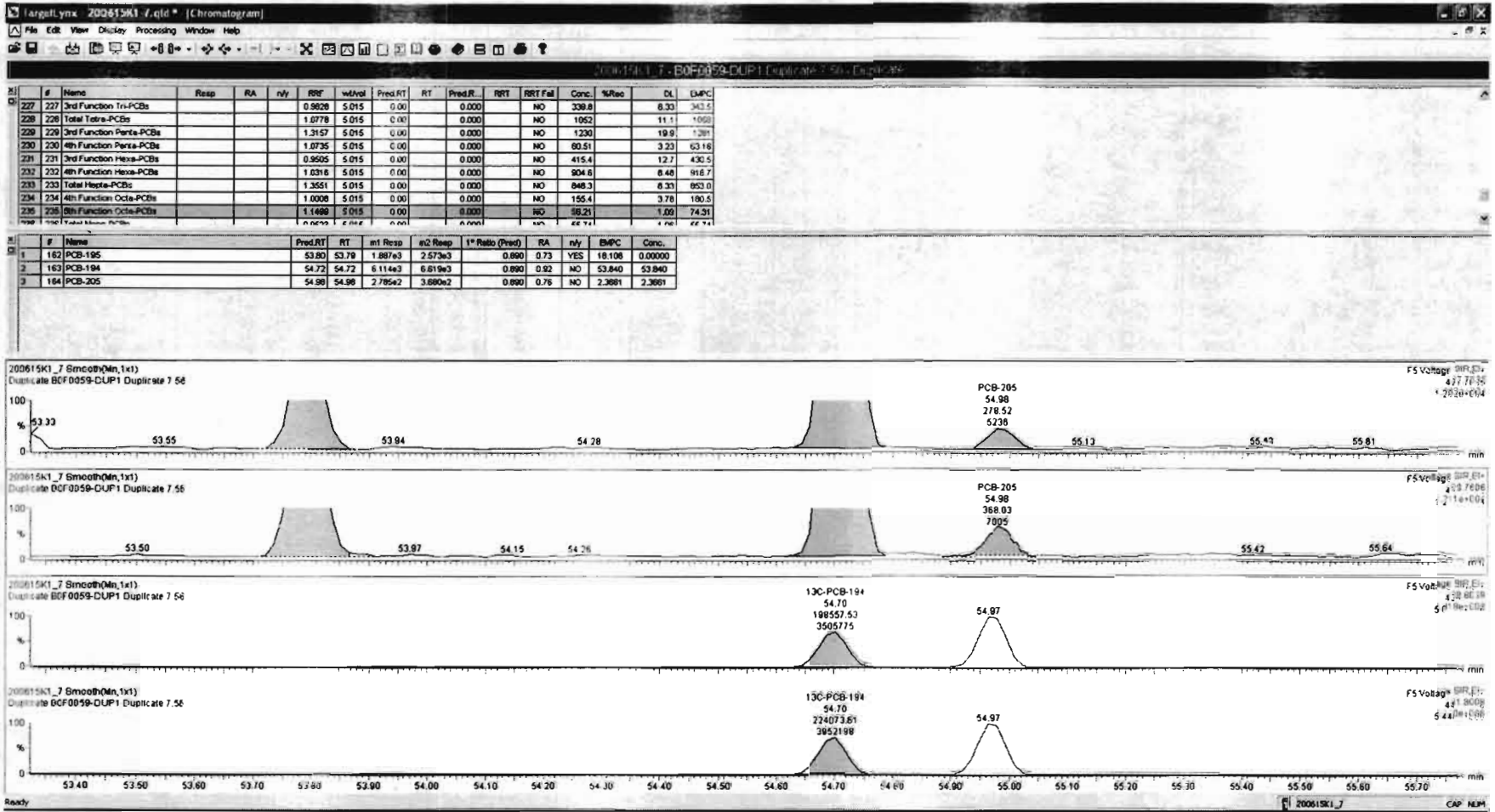
200615K1\_7



**PFK5a**

200615K1\_7



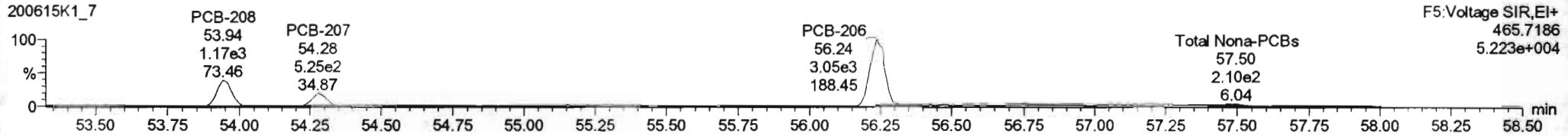
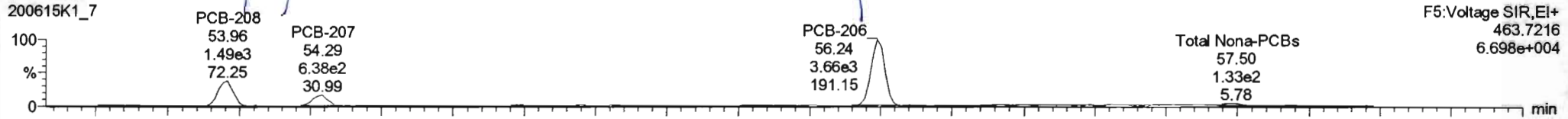


Dataset: Untitled

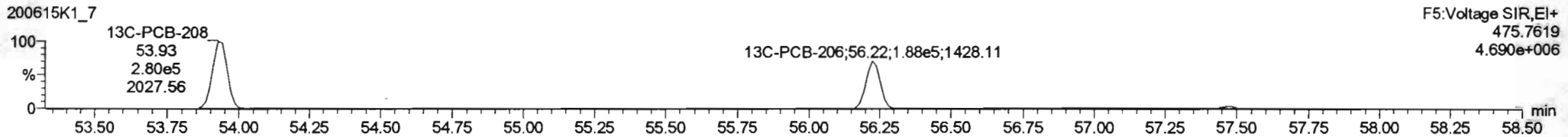
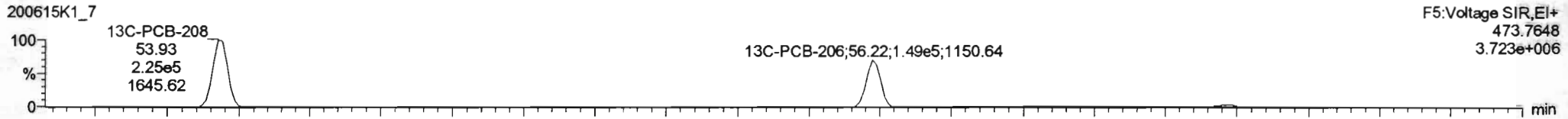
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

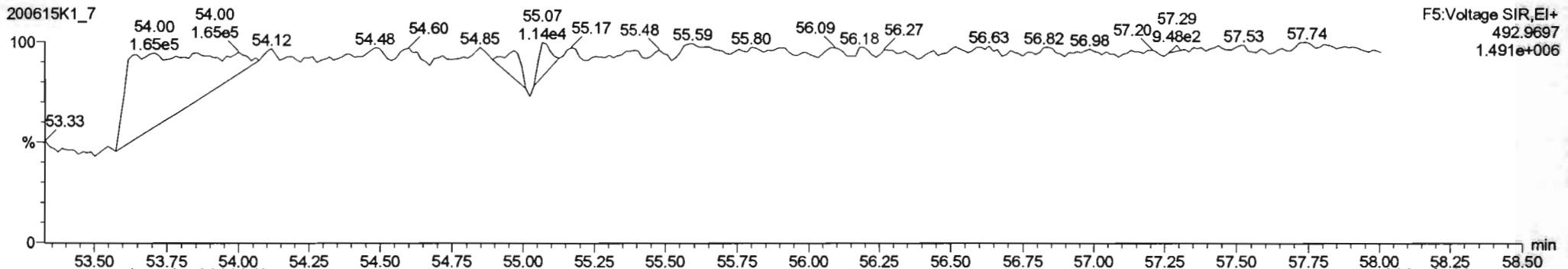
**PCB-208**



**13C-PCB-208**



**PFK5**



Dataset: Untitled

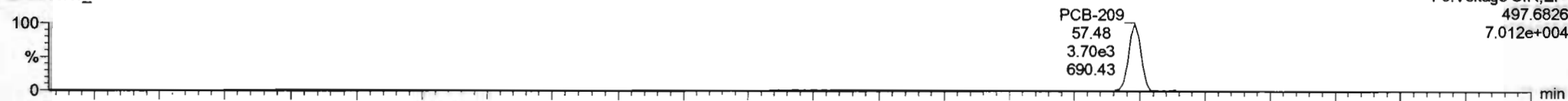
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_7, Date: 15-Jun-2020, Time: 19:00:43, ID: B0F0059-DUP1 Duplicate 7.56, Description: Duplicate

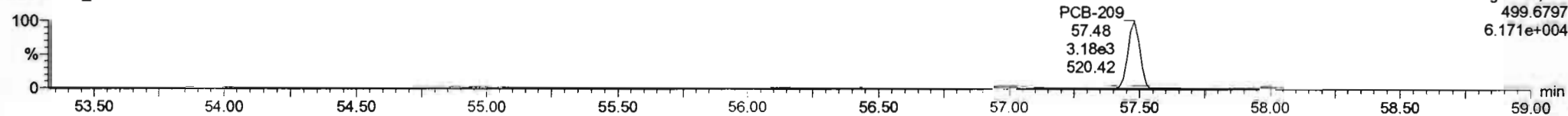
**PCB-209**

200615K1\_7



F5:Voltage SIR,EI+  
497.6826  
7.012e+004

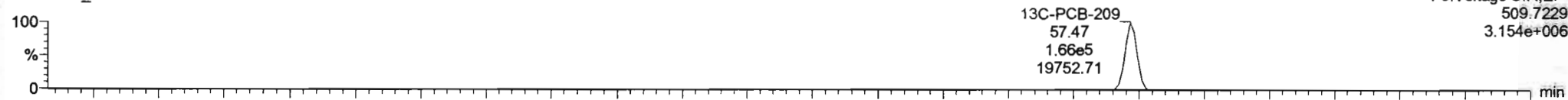
200615K1\_7



F5:Voltage SIR,EI+  
499.6797  
6.171e+004

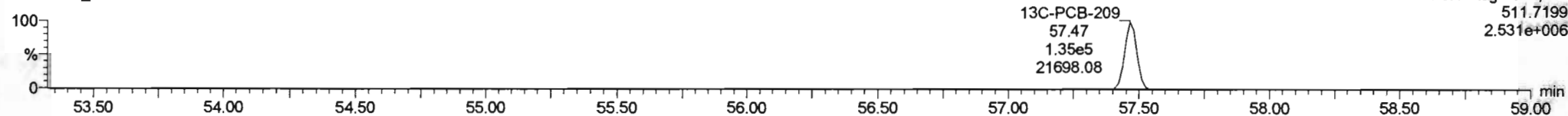
**13C-PCB-209**

200615K1\_7



F5:Voltage SIR,EI+  
509.7229  
3.154e+006

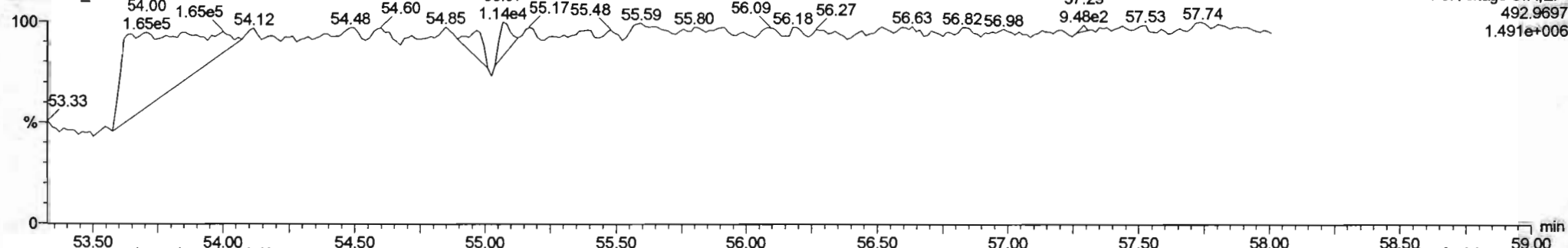
200615K1\_7



F5:Voltage SIR,EI+  
511.7199  
2.531e+006

**PFK5b**

200615K1\_7



F5:Voltage SIR,EI+  
492.9697  
1.491e+006



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

*Hz 6-18-2020*

*C1000/22/2020*

Method: Untitled 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

*I, see dil*

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	18 PCB-34			NO	0.945	5.045	27.72		0.959		YES			1.62	
2	19 PCB-23			NO	0.883	5.045	27.81		0.962		YES			1.73	
3	20 PCB-29			NO	0.893	5.045	28.07		0.971		YES			1.71	
4	21 PCB-26	6.33e3	1.06	NO	0.944	5.045	28.31	28.32	0.979	0.979	NO	25.65		1.62	25.65
5	22 PCB-25	5.70e3	0.96	NO	0.950	5.045	28.46	28.47	0.984	0.985	NO	22.96		1.61	22.96
6	23 PCB-31	5.64e4	1.00	NO	1.04	5.045	28.83	28.84	0.997	0.997	NO	208.1		1.47	208.1
7	24 PCB-28	4.35e4	1.08	NO	1.03	5.045	28.94	28.96	1.001	1.001	NO	162.5		1.49	162.5
8	25 PCB-20/21/33	2.86e4	1.02	NO	0.941	5.045	29.58	29.66	1.023	1.026	NO	116.3		1.62	116.3
9	26 PCB-22	8.67e3	1.28	YES	0.973	5.045	30.02	30.07	1.038	1.040	NO	34.12		1.57	30.47
10	27 PCB-36			NO	1.08	5.045	30.68		0.931		YES			1.23	
11	28 PCB-39			NO	0.988	5.045	31.16		0.946		YES			1.33	
12	29 PCB-38			NO	1.05	5.045	31.96		0.970		YES			1.25	
13	30 PCB-35			NO	1.04	5.045	32.51		0.987		YES			1.26	
14	31 PCB-37	1.63e4	1.09	NO	1.01	5.045	32.96	32.96	1.001	1.001	NO	45.68		1.31	45.68
15	32 PCB-54	6.13e2	0.46	YES	1.08	5.045	27.79	27.77	1.001	1.000	NO	2.041		4.30	1.481
16	33 PCB-50	1.91e2	1.80	YES	0.880	5.045	28.98	28.98	1.044	1.044	NO	0.7831		5.27	0.4959
17	34 PCB-53	9.67e3	0.76	NO	0.997	5.045	29.62	29.70	0.944	0.947	NO	35.18		5.25	35.18
18	35 PCB-51	1.77e3	0.76	NO	1.07	5.045	29.96	30.05	0.955	0.958	NO	6.026		4.92	6.026
19	36 PCB-45	7.95e3	0.67	NO	0.858	5.045	30.41	30.50	0.969	0.972	NO	33.59		6.10	33.59
20	37 PCB-46	2.71e3	0.82	NO	0.831	5.045	30.91	30.93	0.985	0.986	NO	11.84		6.30	11.84
21	38 PCB-52/69	1.56e5	0.76	NO	1.17	5.045	31.41	31.39	1.001	1.001	NO	484.1		4.49	484.1
22	39 PCB-73			NO	1.44	5.045	31.53		1.005		YES			3.63	
23	40 PCB-43/49	7.12e4	0.74	NO	1.02	5.045	31.70	31.71	1.010	1.011	NO	254.1		5.15	254.1
24	41 PCB-47	2.47e4	0.72	NO	0.922	5.045	31.93	31.95	1.001	1.001	NO	95.05		8.12	95.05
25	42 PCB-48/75	1.32e4	0.80	NO	1.12	5.045	32.05	32.03	1.004	1.004	NO	41.90		6.69	41.90
26	43 PCB-65			NO	1.28	5.045	32.32		1.013		YES			5.84	
27	44 PCB-62			NO	1.13	5.045	32.43		1.016		YES			6.64	
28	45 PCB-44	5.94e4	0.79	NO	0.824	5.045	32.77	32.77	1.027	1.027	NO	255.4		9.09	255.4
29	46 PCB-42/59	2.17e4	0.71	NO	1.05	5.045	33.00	32.99	1.034	1.034	NO	73.25		7.14	73.25
30	47 PCB-41/64/71/72	6.22e4	0.73	NO	1.19	5.045	33.60	33.59	1.053	1.052	NO	185.7		6.31	185.7
31	48 PCB-68			NO	1.28	5.045	33.86		1.061		YES			5.86	
32	49 PCB-40	7.43e3	0.68	NO	0.602	5.045	34.09	34.06	1.068	1.067	NO	43.74		12.4	43.74



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	50 PCB-57			NO	1.16	5.045	34.61		0.969		YES			8.59	
34	51 PCB-67			NO	1.08	5.045	34.93		0.978		YES			9.22	
35	52 PCB-58			NO	1.20	5.045	35.05		0.982		YES			8.30	
36	53 PCB-63			NO	1.07	5.045	35.21		0.986		YES			9.32	
37	54 PCB-74	1.48e4	0.78	NO	1.19	5.045	35.62	35.62	0.998	0.997	NO	124.9		8.43	124.9
38	55 PCB-61/70	4.19e4	0.77	NO	1.05	5.045	35.73	35.73	1.000	1.001	NO	396.9		9.48	396.9
39	56 PCB-76/66	2.98e4	0.76	NO	1.16	5.045	35.92	35.82	1.006	1.003	NO	255.3		8.58	255.3
40	57 PCB-80			NO	1.19	5.045	35.99		1.001		YES			3.74	
41	58 PCB-55	1.54e3	0.72	NO	1.17	5.045	36.31	36.27	1.010	1.008	NO	4.732		3.79	4.732
42	59 PCB-56/60	4.52e4	0.73	NO	1.02	5.045	36.84	36.81	1.024	1.023	NO	159.7		4.36	159.7
43	60 PCB-79	2.18e3	0.63	YES	1.14	5.045	37.94	37.91	1.055	1.054	NO	6.882		3.98	6.114
44	61 PCB-78			NO	1.14	5.045	38.62		0.987		YES			3.52	
45	62 PCB-81	1.15e3	0.83	NO	1.05	5.045	39.16	39.19	1.000	1.001	NO	3.416		3.83	3.416
46	63 PCB-77	6.31e3	0.85	NO	1.14	5.045	39.79	39.77	1.000	1.000	NO	16.32		3.64	16.32
47	64 PCB-104			NO	1.12	5.045	32.62		1.001		YES			0.844	
48	65 PCB-96	1.28e3	1.22	YES	1.15	5.045	33.95	33.89	1.041	1.039	NO	5.887		0.821	5.230
49	66 PCB-103	4.98e3	1.55	NO	0.936	5.045	34.51	34.52	1.059	1.059	NO	27.85		1.01	27.85
50	67 PCB-100			NO	0.954	5.045	34.87		1.069		YES			0.993	
51	68 PCB-94			NO	0.949	5.045	35.34		0.985		YES			1.05	
52	69 PCB-95/98/102	1.54e5	1.56	NO	1.20	5.045	35.82	35.88	0.999	1.001	NO	864.6		0.825	864.6
53	70 PCB-93			NO	0.935	5.045	35.94		1.002		YES			1.06	
54	71 PCB-88/91	2.04e4	1.57	NO	1.06	5.045	36.29	36.27	1.012	1.011	NO	129.1		0.933	129.1
55	72 PCB-121			NO	1.71	5.045	36.38		1.015		YES			0.581	
56	73 PCB-84/92	7.18e4	1.57	NO	1.02	5.045	37.19	37.18	0.990	0.990	NO	434.6		0.982	434.6
57	74 PCB-89	1.24e3	1.74	NO	1.11	5.045	37.36	37.35	0.995	0.995	NO	6.938		0.905	6.938
58	75 PCB-90/101	2.28e5	1.57	NO	1.12	5.045	37.57	37.57	1.000	1.000	NO	1253		0.891	1253
59	76 PCB-113	5.96e2	2.11	YES	1.51	5.045	37.81	37.80	1.007	1.006	NO	2.427		0.650	2.000
60	77 PCB-99	7.94e4	1.61	NO	1.32	5.045	37.90	37.91	1.009	1.009	NO	370.6		0.757	370.6
61	78 PCB-119	8.56e3	1.51	NO	1.81	5.045	38.37	38.37	0.987	0.987	NO	32.61		0.645	32.61
62	79 PCB-108/112	6.48e3	1.60	NO	1.44	5.045	38.53	38.54	0.991	0.991	NO	30.85		0.806	30.85
63	80 PCB-83			NO	1.83	5.045	38.68		0.995		YES			0.636	
64	81 PCB-97	3.79e4	1.58	NO	1.28	5.045	38.89	38.89	1.000	1.000	NO	203.2		0.908	203.2
65	82 PCB-86			NO	1.12	5.045	39.05		1.004		YES			1.04	
66	83 PCB-87/117/125	5.78e4	1.57	NO	1.56	5.045	39.19	39.19	1.008	1.008	NO	255.2		0.747	255.2
67	84 PCB-111/115	2.95e3	1.77	NO	1.91	5.045	39.35	39.34	1.012	1.012	NO	10.61		0.610	10.61
68	85 PCB-85/116	1.95e4	1.46	NO	1.41	5.045	39.48	39.47	1.015	1.015	NO	95.12		0.825	95.12

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	86 PCB-120			NO	2.01	5.045	39.74		1.022		YES			0.581	
70	87 PCB-110	2.23e5	1.59	NO	1.74	5.045	39.87	39.88	1.026	1.026	NO	878.2		0.668	878.2
71	88 PCB-82	1.08e4	1.74	NO	0.781	5.045	40.52	40.51	0.976	0.976	NO	70.41		1.11	70.41
72	89 PCB-124	7.94e3	1.56	NO	1.40	5.045	41.23	41.20	0.993	0.992	NO	28.98		0.620	28.98
73	90 PCB-107/109	1.18e4	1.54	NO	1.34	5.045	41.37	41.39	0.996	0.997	NO	44.71		0.645	44.71
74	91 PCB-123	2.06e3	1.36	NO	1.20	5.045	41.54	41.54	1.000	1.000	NO	8.760		0.722	8.760
75	92 PCB-106/118	1.67e5	1.56	NO	1.22	5.045	41.74	41.72	1.001	1.000	NO	697.3		0.708	697.3
76	93 PCB-114	3.02e3	1.79	NO	1.14	5.045	42.40	42.40	1.000	1.000	NO	10.13		0.802	10.13
77	94 PCB-122	1.23e3	1.81	YES	0.944	5.045	42.55	42.53	1.004	1.004	NO	4.989		0.969	4.546
78	95 PCB-105	6.03e4	1.56	NO	1.05	5.045	43.29	43.29	1.000	1.000	NO	215.6		0.878	215.6
79	96 PCB-127			NO	1.06	5.045	43.65		1.000		YES			0.890	
80	97 PCB-126	8.09e2	1.51	NO	1.17	5.045	45.64	45.62	1.000	1.000	NO	3.108		0.856	3.108
81	98 PCB-155			NO	1.04	5.045	37.09		1.000		YES			0.453	
82	99 PCB-150	6.33e2	1.54	YES	1.08	5.045	38.41	38.39	1.036	1.036	NO	6.051		0.436	5.336
83	1... PCB-152			NO	1.19	5.045	38.90		1.049		YES			0.398	
84	1... PCB-145			NO	1.19	5.045	39.36		1.062		YES			0.398	
85	1... PCB-136	2.98e4	1.27	NO	1.02	5.045	39.70	39.66	1.071	1.070	NO	302.5		0.463	302.5
86	1... PCB-148	3.18e2	1.66	YES	0.842	5.045	39.81	39.79	1.074	1.073	NO	3.914		0.562	3.298
87	1... PCB-154	3.03e3	1.35	NO	0.919	5.045	40.32	40.27	1.088	1.086	NO	34.17		0.514	34.17
88	1... PCB-151	4.34e4	1.23	NO	0.787	5.045	40.98	40.94	1.105	1.104	NO	572.4		0.601	572.4
89	1... PCB-135	2.06e4	1.21	NO	0.922	5.045	41.19	41.16	1.111	1.110	NO	231.1		0.513	231.1
90	1... PCB-144	7.38e3	1.32	NO	0.789	5.045	41.30	41.28	1.114	1.113	NO	96.98		0.599	96.98
91	1... PCB-147	1.43e3	1.27	NO	0.834	5.045	41.43	41.41	1.118	1.117	NO	17.78		0.567	17.78
92	1... PCB-139/149	1.32e5	1.33	NO	0.948	5.045	41.72	41.67	1.125	1.124	NO	1438		0.499	1438
93	1... PCB-140	8.57e2	1.55	YES	0.794	5.045	41.90	41.87	1.130	1.130	NO	1120		0.596	9.834
94	1... PCB-134/143	1.46e4	1.22	NO	0.759	5.045	42.33	42.32	0.975	0.975	NO	69.04		1.35	69.04
95	1... PCB-131/133	8.02e3	1.46	YES	0.821	5.045	42.63	42.63	0.982	0.982	NO	35.10		1.25	32.00
96	1... PCB-142			NO	0.754	5.045	42.78		0.985		YES			1.36	
97	1... PCB-146/165	6.28e4	1.19	NO	1.02	5.045	43.02	43.04	0.991	0.991	NO	221.6		1.01	221.6
98	1... PCB-132/161	1.08e5	1.27	NO	1.02	5.045	43.26	43.31	0.996	0.997	NO	377.4		0.999	377.4
99	1... PCB-153	4.63e5	1.23	NO	1.07	5.045	43.44	43.44	1.000	1.000	NO	1552		0.956	1552
100	1... PCB-168			NO	1.08	5.045	43.67		1.006		YES			0.950	
101	1... PCB-141	8.19e4	1.20	NO	1.03	5.045	44.22	44.22	1.000	1.000	NO	347.8		1.31	347.8
102	1... PCB-137	7.98e3	1.29	NO	1.11	5.045	44.62	44.63	1.010	1.010	NO	31.34		1.21	31.34
103	1... PCB-130	1.26e4	1.24	NO	0.885	5.045	44.72	44.73	1.012	1.012	NO	62.01		1.52	62.01
104	1... PCB-138/163/164	3.85e5	1.24	NO	1.28	5.045	45.13	45.13	1.001	1.001	NO	1306		0.958	1306

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-158/160	3.77e4	1.27	NO	1.24	5.045	45.37	45.35	1.006	1.006	NO	132.1		0.991	132.1
106	1... PCB-129	6.64e3	1.26	NO	0.867	5.045	45.64	45.62	1.012	1.012	NO	33.30		1.42	33.30
107	1... PCB-166	8.10e2	1.80	YES	1.14	5.045	46.10	46.09	0.993	0.993	NO	2.456		1.07	1.964
108	1... PCB-159	8.96e3	1.08	NO	1.22	5.045	46.43	46.47	1.000	1.001	NO	25.53		1.00	25.53
109	1... PCB-128/162	3.43e4	1.22	NO	0.907	5.045	46.72	46.68	1.007	1.006	NO	130.9		1.34	130.9
110	1... PCB-167	1.16e4	1.20	NO	1.11	5.045	47.19	47.19	1.000	1.000	NO	35.58		0.913	35.58
111	1... PCB-156	3.22e4	1.22	NO	1.13	5.045	48.44	48.44	1.000	1.000	NO	99.60		0.868	99.60
112	1... PCB-157	4.47e3	1.29	NO	1.04	5.045	48.73	48.71	1.001	1.000	NO	15.08		0.933	15.08
113	1... PCB-169			NO	1.16	5.045	51.00		1.000		YES			1.02	
114	1... PCB-188	3.20e2	0.83	YES	1.29	5.045	43.06	43.06	1.001	1.001	NO	1.205		0.585	1.068
115	1... PCB-184			NO	1.23	5.045	43.49		1.011		YES			0.612	
116	1... PCB-179	9.38e4	1.02	NO	1.30	5.045	44.31	44.31	1.030	1.030	NO	351.3		0.581	351.3
117	1... PCB-176	2.65e4	0.95	NO	1.31	5.045	44.78	44.81	1.041	1.041	NO	98.42		0.576	98.42
118	1... PCB-186			NO	1.33	5.045	45.41		1.055		YES			0.568	
119	1... PCB-178	2.29e4	0.99	NO	0.943	5.045	45.93	45.94	1.067	1.068	NO	118.0		0.800	118.0
120	1... PCB-175	4.80e3	1.10	NO	0.956	5.045	46.28	46.30	1.076	1.076	NO	24.39		0.789	24.39
121	1... PCB-182/187	2.00e5	1.03	NO	1.07	5.045	46.46	46.47	1.080	1.080	NO	913.8		0.707	913.8
122	1... PCB-183	8.66e4	1.04	NO	1.02	5.045	46.80	46.83	1.088	1.089	NO	411.7		0.737	411.7
123	1... PCB-185	1.83e4	1.14	NO	1.41	5.045	47.48	47.53	0.955	0.956	NO	90.75		0.755	90.75
124	1... PCB-174	9.80e4	1.03	NO	1.35	5.045	47.86	47.87	0.962	0.963	NO	503.9		0.784	503.9
125	1... PCB-181			NO	1.47	5.045	47.95		0.964		YES			0.720	
126	1... PCB-177	7.09e4	1.05	NO	1.28	5.045	48.12	48.14	0.968	0.968	NO	386.4		0.830	386.4
127	1... PCB-171	3.13e4	1.02	NO	1.32	5.045	48.42	48.44	0.974	0.974	NO	165.9		0.806	165.9
128	1... PCB-173	2.07e3	0.92	NO	1.19	5.045	48.86	48.88	0.983	0.983	NO	12.14		0.892	12.14
129	1... PCB-172	1.85e4	0.97	NO	1.38	5.045	49.33	49.33	0.992	0.992	NO	93.58		0.772	93.58
130	1... PCB-192			NO	1.83	5.045	49.52		0.996		YES			0.581	
131	1... PCB-180	3.21e5	1.05	NO	1.41	5.045	49.75	49.75	1.000	1.000	NO	1586		0.752	1586
132	1... PCB-193	1.71e4	0.94	NO	1.68	5.045	49.96	49.96	1.005	1.005	NO	71.16		0.633	71.16
133	1... PCB-191	5.77e3	1.12	NO	1.71	5.045	50.22	50.24	1.010	1.010	NO	23.49		0.620	23.49
134	1... PCB-170	9.54e4	1.08	NO	1.40	5.045	51.42	51.42	1.000	1.000	NO	562.7		0.967	562.7
135	1... PCB-190	2.68e4	1.02	NO	1.85	5.045	51.60	51.63	1.004	1.004	NO	119.4		0.731	119.4
136	1... PCB-189	4.19e3	0.79	YES	1.45	5.045	53.14	53.12	1.000	1.000	NO	18.26		0.591	15.72
137	1... PCB-202	1.59e4	0.90	NO	1.17	5.045	48.65	48.65	1.001	1.001	NO	112.9		0.489	112.9
138	1... PCB-201	1.03e4	0.94	NO	1.05	5.045	49.14	49.14	1.011	1.011	NO	81.08		0.542	81.08
139	1... PCB-204			NO	1.14	5.045	49.28		1.014		YES			0.500	
140	1... PCB-197	2.97e3	1.00	NO	1.13	5.045	49.60	49.62	1.020	1.021	NO	21.70		0.504	21.70



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RIA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-200	1.05e4	0.86	NO	1.07	5.045	50.54	50.55	1.040	1.040	NO	81.44		0.533	81.44
142	1... PCB-198	8.17e3	0.94	NO	0.794	5.045	52.25	52.25	1.075	1.075	NO	85.30		0.719	85.30
143	1... PCB-199	3.47e4	0.96	NO	0.809	5.045	52.35	52.35	1.077	1.077	NO	355.2		0.705	355.2
144	1... PCB-196/203	6.74e4	0.95	NO	0.838	5.045	52.54	52.55	1.081	1.081	NO	666.3		0.681	666.3
145	1... PCB-195	2.01e4	0.82	NO	1.04	5.045	53.83	53.82	0.984	0.983	NO	175.6		1.26	175.6
146	1... PCB-194	4.55e4	0.89	NO	1.12	5.045	54.75	54.75	1.000	1.000	NO	371.5		1.18	371.5
147	1... PCB-205	2.51e3	0.87	NO	1.29	5.045	55.01	55.01	1.005	1.005	NO	17.71		1.02	17.71
148	1... PCB-208	1.12e4	1.24	NO	0.933	5.045	53.97	53.97	1.000	1.000	NO	56.02		0.562	56.02
149	1... PCB-207	6.16e3	1.44	NO	0.916	5.045	54.29	54.29	1.006	1.006	NO	31.45		0.572	31.45
150	1... PCB-206	3.03e4	1.31	NO	1.01	5.045	56.27	56.25	1.000	1.000	NO	231.9		0.869	231.9
151	1... PCB-209	9.04e3	1.23	NO	0.986	5.045	57.48	57.50	1.000	1.000	NO	65.78		0.305	65.78
152	1... 13C-PCB-1			NO	0.893	5.045	16.01		0.608		YES			12.6	
153	1... 13C-PCB-3			NO	0.911	5.045	18.74		0.712		YES			12.4	
154	1... 13C-PCB-4			NO	0.600	5.045	20.13		0.765		YES			6.33	
155	1... 13C-PCB-9			NO	0.970	5.045	22.02		0.836		YES			3.92	
156	1... 13C-PCB-11	5.45e4	2.04	YES	0.962	5.045	25.57	25.58	0.971	0.971	NO	507.3	25.6	3.95	
157	1... 13C-PCB-19			NO	0.499	5.045	24.51		0.931		YES			29.5	
158	1... 13C-PCB-32			NO	0.744	5.045	27.59		1.048		YES			19.7	
159	1... 13C-PCB-28	5.18e5	1.01	NO	1.06	5.045	28.94	28.92	1.004	1.003	NO	1293	65.2	8.31	
160	1... 13C-PCB-37	7.01e5	1.00	NO	0.989	5.045	32.94	32.94	1.143	1.143	NO	1883	95.0	8.94	
161	1... 13C-PCB-54	5.51e5	0.77	NO	0.999	5.045	27.70	27.77	0.753	0.755	NO	1554	78.4	1.66	
162	1... 13C-PCB-52	5.47e5	0.77	NO	0.804	5.045	31.35	31.38	0.852	0.853	NO	1916	96.7	2.06	
163	1... 13C-PCB-47	5.59e5	0.76	NO	0.857	5.045	31.87	31.92	0.866	0.867	NO	1840	92.8	1.94	
164	1... 13C-PCB-70	1.99e5	0.80	NO	0.996	5.045	35.71	35.71	0.971	0.971	NO	562.3	28.4	1.67	
165	1... 13C-PCB-80	5.51e5	0.75	NO	1.03	5.045	35.94	35.97	0.977	0.978	NO	1510	76.2	1.61	
166	1... 13C-PCB-81	6.37e5	0.77	NO	0.988	5.045	39.16	39.14	1.064	1.064	NO	1818	91.7	1.68	
167	1... 13C-PCB-77	6.74e5	0.79	NO	0.969	5.045	39.78	39.77	1.081	1.081	NO	1963	99.0	1.71	
168	1... 13C-PCB-104	3.79e5	1.63	NO	1.02	5.045	32.53	32.60	0.827	0.829	NO	1748	88.2	1.13	
169	1... 13C-PCB-95	2.94e5	1.58	NO	0.805	5.045	35.79	35.86	0.910	0.912	NO	1712	86.4	1.42	
170	1... 13C-PCB-101	3.22e5	1.61	NO	0.793	5.045	37.55	37.55	0.954	0.955	NO	1905	96.1	1.45	
171	1... 13C-PCB-97	2.88e5	1.67	NO	0.696	5.045	38.89	38.88	0.989	0.988	NO	1943	98.0	1.65	
172	1... 13C-PCB-123	3.89e5	1.66	NO	0.933	5.045	41.54	41.52	1.056	1.055	NO	1956	98.7	1.23	
173	1... 13C-PCB-118	3.90e5	1.71	NO	0.986	5.045	41.73	41.70	1.061	1.060	NO	1860	93.8	1.16	
174	1... 13C-PCB-114	5.18e5	1.58	NO	1.55	5.045	42.36	42.38	0.908	0.908	NO	1540	77.7	1.91	
175	1... 13C-PCB-105	5.28e5	1.56	NO	1.57	5.045	43.24	43.27	0.927	0.927	NO	1545	77.9	1.88	
176	1... 13C-PCB-127	5.55e5	1.54	NO	1.62	5.045	43.60	43.63	0.934	0.935	NO	1571	79.3	1.82	

*Handwritten note:* I O of see

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-126	4.40e5	1.60	NO	1.57	5.045	45.57	45.62	0.976	0.978	NO	1292	65.2	1.88	
178	1... 13C-PCB-155	1.91e5	1.37	NO	0.615	5.045	37.07	37.07	0.942	0.942	NO	1461	73.7	0.386	
179	1... 13C-PCB-153	5.52e5	1.26	NO	1.36	5.045	43.41	43.42	0.930	0.931	NO	1861	93.9	2.42	
180	1... 13C-PCB-141	4.55e5	1.24	NO	1.13	5.045	44.18	44.20	0.947	0.947	NO	1855	93.6	2.93	
181	1... 13C-PCB-138	4.56e5	1.25	NO	1.18	5.045	45.05	45.09	0.965	0.966	NO	1770	89.3	2.79	
182	1... 13C-PCB-159	5.72e5	1.23	NO	1.44	5.045	46.37	46.42	0.994	0.995	NO	1828	92.2	2.30	
183	2... 13C-PCB-167	5.83e5	1.26	NO	1.44	5.045	47.08	47.17	1.009	1.011	NO	1863	94.0	2.29	
184	2... 13C-PCB-156	5.69e5	1.30	NO	1.40	5.045	48.40	48.42	1.037	1.038	NO	1874	94.5	2.37	
185	2... 13C-PCB-157	5.66e5	1.25	NO	1.40	5.045	48.69	48.69	1.043	1.043	NO	1863	94.0	2.37	
186	2... 13C-PCB-169	5.41e5	1.23	NO	1.33	5.045	50.97	50.98	1.092	1.093	NO	1871	94.4	2.48	
187	2... 13C-PCB-188	4.08e5	0.46	NO	1.41	5.045	43.03	43.02	0.926	0.926	NO	1864	94.0	1.03	
188	2... 13C-PCB-180	2.85e5	0.46	NO	0.929	5.045	49.73	49.73	1.070	1.070	NO	1975	99.6	1.56	
189	2... 13C-PCB-170	2.40e5	0.45	NO	0.794	5.045	51.41	51.40	1.106	1.106	NO	1948	98.3	1.83	
190	2... 13C-PCB-189	3.13e5	0.44	NO	1.04	5.045	53.15	53.12	1.144	1.143	NO	1932	97.5	1.39	
191	2... 13C-PCB-202	2.39e5	0.94	NO	1.04	5.045	48.63	48.61	1.046	1.046	NO	1489	75.1	1.30	
192	2... 13C-PCB-194	2.18e5	0.86	NO	0.768	5.045	54.74	54.73	0.995	0.995	NO	1743	87.9	3.92	
193	2... 13C-PCB-208	4.24e5	0.77	NO	0.991	5.045	53.96	53.96	0.981	0.981	NO	2631	133	4.16	
194	2... 13C-PCB-206	2.57e5	0.77	NO	0.552	5.045	56.25	56.25	1.023	1.023	NO	2869	145	7.46	
195	2... 13C-PCB-209	2.76e5	1.18	NO	0.396	5.045	57.51	57.48	1.046	1.045	NO	4286	216	1.26	
196	2... 13C-PCB-15	2.22e5	1.61	NO	1.00	5.045	26.33	26.33	1.000	0.000	NO	1982	100	3.80	
197	2... 13C-PCB-31	7.46e5	0.99	NO	1.00	5.045	28.83	28.83	1.000	0.000	NO	1982	100	8.84	
198	2... 13C-PCB-60	7.03e5	0.76	NO	1.00	5.045	36.66	36.79	1.000	0.000	NO	1982	100	1.66	
199	2... 13C-PCB-111	4.22e5	1.71	NO	1.00	5.045	39.23	39.34	1.000	0.000	NO	1982	100	1.15	
200	2... 13C-PCB-128	4.31e5	1.26	NO	1.00	5.045	46.59	46.66	1.000	0.000	NO	1982	100	3.30	
201	2... 13C-PCB-182	3.08e5	0.47	NO	1.00	5.045	46.40	46.47	0.000	0.000	NO	1982	100	1.45	
202	2... 13C-PCB-205	3.22e5	0.89	NO	1.00	5.045	54.97	54.99	1.000	0.000	NO	1982	100	3.01	
203	2... 13C-PCB-79	7.09e5	0.77	NO	1.07	5.045	37.89	37.87	1.030	1.029	NO	1871	94.4	1.55	
204	2... 13C-PCB-178	2.41e5	0.46	NO	0.766	5.045	45.92	45.92	0.988	0.988	NO	1446	72.9	1.40	
205	2... 13C-PCB-79	7.10e5	0.77	NO	1.08	5.045	37.87	37.87	0.968	0.968	NO	2041	103	1.82	
206	2... 13C-PCB-178	2.41e5	0.46	NO	1.05	5.045	45.91	45.92	0.923	0.923	NO	1596	80.5	1.35	
207	2... Total Mono-PCBs					5.045	0.00		0.000		NO				
208	2... Total Di-PCBs				1.05	5.045	0.00		0.000		NO	0.0000		117	135.4
209	2... 2nd Function Tri-PCBs					5.045	0.00		0.000		NO				
210	2... 3rd Function Tri-PCBs				0.983	5.045	0.00		0.000		NO	581.2		20.8	204 } 815.7
211	2... Total Tetra-PCBs				1.08	5.045	0.00		0.000		NO	2481		202	2489
212	2... 3rd Function Penta-PCBs				1.32	5.045	0.00		0.000		NO	5443		23.6	5450

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 12:54:33 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 4th Function Penta-PCBs				1.07	5.045	0.00		0.000		NO	228.8		4.40	233.4
214	2... 3rd Function Hexa-PCBs				0.951	5.045	0.00		0.000		NO	2693		6.60	2712
215	2... 4th Function Hexa-PCBs				1.03	5.045	0.00		0.000		NO	4440	> 2133 -	22.4	4474
216	2... Total Hepta-PCBs				1.36	5.045	0.00		0.000		NO	5533		16.4	5549
217	2... 4th Function Octa-PCBs				1.00	5.045	0.00		0.000		NO	1404	> 1968.8 -	4.67	1404
218	2... 5th Function Octa-PCBs				1.15	5.045	0.00		0.000		NO	564.8		3.47	564.8
219	2... Total Nona-PCBs				0.952	5.045	0.00		0.000		NO	319.4		2.00	319.4
220	2... Deca-CB				0.986	5.045	0.00		0.000		NO	65.78		0.305	65.78
221	2... Total PCBs														

> 2186 -  
> 1968.8  
59.86 +  
+ see dil

total penta PCB:  
conc. = 5671.8 -  
EMPC = 5683.4 -



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

Method: Untitled 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**Total Mono-PCBs**

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

**Total DI-PCBs**

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-15	26.36	26.33	7.194e4	4.217e4	2.832e3	1.506e3	1.88	YES	4.338e3	0.00000	135.41	29.6

**2nd Function Tri-PCBs**

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

**3rd Function Tri-PCBs**

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-26	28.31	28.32	5.219e4	4.541e4	3.254e3	3.074e3	1.06	NO	6.327e3	25.654	25.654	1.62
2	PCB-25	28.46	28.47	3.358e4	3.381e4	2.787e3	2.911e3	0.96	NO	5.699e3	22.959	22.959	1.61
3	PCB-31	28.83	28.84	3.480e5	3.472e5	2.824e4	2.812e4	1.00	NO	5.636e4	208.13	208.13	1.47
4	PCB-28	28.94	28.96	2.774e5	2.445e5	2.262e4	2.089e4	1.08	NO	4.352e4	162.47	162.47	1.49
5	PCB-20/21/33	29.58	29.66	1.006e5	9.928e4	1.443e4	1.418e4	1.02	NO	2.861e4	116.34	116.34	1.62
6	PCB-22	30.02	30.07	7.128e4	5.817e4	4.877e3	3.797e3	1.28	YES	8.674e3	0.00000	30.471	1.57
7	PCB-37	32.96	32.96	8.269e4	7.775e4	8.519e3	7.789e3	1.09	NO	1.631e4	45.681	45.681	1.31

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

Total Tetra-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.78	27.77	2.003e3	4.686e3	1.934e2	4.193e2	0.46	YES	6.126e2	0.00000	1.4810	4.30
2	PCB-50	28.98	28.98	2.073e3	1.126e3	1.230e2	6.849e1	1.79	YES	1.914e2	0.00000	0.49600	5.27
3	PCB-53	29.62	29.70	3.117e4	4.078e4	4.190e3	5.479e3	0.76	NO	9.669e3	35.182	35.182	5.25
4	PCB-51	29.96	30.06	1.237e4	1.464e4	7.616e2	1.008e3	0.75	NO	1.770e3	6.0257	6.0260	4.92
5	PCB-45	30.41	30.50	2.650e4	3.901e4	3.199e3	4.752e3	0.67	NO	7.951e3	33.591	33.591	6.10
6	PCB-46	30.91	30.93	1.729e4	2.266e4	1.219e3	1.493e3	0.82	NO	2.712e3	11.842	11.842	6.30
7	PCB-52/69	31.41	31.39	7.222e5	9.501e5	6.716e4	8.856e4	0.76	NO	1.557e5	484.13	484.13	4.49
8	PCB-43/49	31.70	31.71	2.737e5	3.578e5	3.028e4	4.091e4	0.74	NO	7.120e4	254.11	254.11	5.15
9	PCB-47	31.93	31.95	7.291e4	1.068e5	1.032e4	1.441e4	0.72	NO	2.473e4	95.049	95.049	8.12
10	PCB-48/75	32.05	32.03	5.452e4	7.769e4	5.896e3	7.351e3	0.80	NO	1.325e4	41.900	41.900	6.69
11	PCB-44	32.77	32.77	3.246e5	4.009e5	2.628e4	3.313e4	0.79	NO	5.941e4	255.41	255.41	9.09
12	PCB-42/59	33.00	32.99	1.058e5	1.497e5	9.045e3	1.266e4	0.71	NO	2.170e4	73.249	73.249	7.14
13	PCB-41/64/71/72	33.60	33.59	2.667e5	3.700e5	2.627e4	3.598e4	0.73	NO	6.224e4	185.74	185.74	6.31
14	PCB-40	34.08	34.06	2.921e4	4.110e4	2.999e3	4.433e3	0.68	NO	7.432e3	43.739	43.739	12.4
15	PCB-74	35.62	35.62	9.346e4	1.231e5	6.514e3	8.314e3	0.78	NO	1.483e4	124.90	124.90	8.43
16	PCB-61/70	35.73	35.73	3.251e5	4.207e5	1.827e4	2.365e4	0.77	NO	4.191e4	396.89	396.89	9.48
17	PCB-76/66	35.92	35.82	2.033e5	2.689e5	1.288e4	1.690e4	0.76	NO	2.978e4	255.30	255.30	8.58
18	PCB-55	36.31	36.27	6.736e3	8.364e3	6.435e2	8.937e2	0.72	NO	1.537e3	4.7322	4.7320	3.79
19	PCB-56/60	36.83	36.81	2.434e5	3.335e5	1.911e4	2.607e4	0.73	NO	4.518e4	159.71	159.71	4.36
20	PCB-79	37.94	37.91	1.036e4	1.703e4	8.414e2	1.339e3	0.63	YES	2.180e3	0.00000	6.1140	3.90
21	PCB-81	39.16	39.19	1.521e4	1.734e4	5.201e2	6.284e2	0.83	NO	1.149e3	3.4161	3.4160	3.83
22	PCB-77	39.79	39.77	3.221e4	3.781e4	2.900e3	3.413e3	0.85	NO	6.313e3	16.319	16.319	3.64

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

3rd Function Penta-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.95	33.89	7.844e3	7.294e3	7.022e2	5.774e2	1.22	YES	1.280e3	0.00000	5.2300	0.821
2	PCB-103	34.51	34.52	1.987e4	1.352e4	3.031e3	1.950e3	1.55	NO	4.981e3	27.849	27.849	1.01
3	PCB-95/98/102	35.82	35.88	1.291e6	8.168e5	9.393e4	6.034e4	1.56	NO	1.543e5	864.58	864.58	0.825
4	PCB-88/91	36.29	36.27	1.633e5	1.040e5	1.246e4	7.909e3	1.58	NO	2.036e4	129.10	129.10	0.933
5	PCB-84/92	37.19	37.18	5.539e5	3.493e5	4.385e4	2.792e4	1.57	NO	7.177e4	434.61	434.61	0.982
6	PCB-89	37.36	37.35	9.586e3	5.114e3	7.894e2	4.546e2	1.74	NO	1.244e3	6.9375	6.9380	0.905
7	PCB-90/101	37.57	37.57	1.766e6	1.128e6	1.395e5	8.872e4	1.57	NO	2.282e5	1253.0	1253.0	0.891
8	PCB-113	37.81	37.80	1.286e4	6.870e3	4.043e2	1.920e2	2.11	YES	5.963e2	0.00000	2.0000	0.660
9	PCB-99	37.90	37.91	5.983e5	3.694e5	4.906e4	3.038e4	1.62	NO	7.944e4	370.63	370.63	0.757
10	PCB-119	38.37	38.37	6.263e4	4.106e4	5.148e3	3.413e3	1.51	NO	8.561e3	32.610	32.610	0.645
11	PCB-108/112	38.53	38.54	5.064e4	3.072e4	3.989e3	2.494e3	1.60	NO	6.483e3	30.851	30.851	0.806
12	PCB-97	38.89	38.89	2.617e5	1.700e5	2.322e4	1.467e4	1.58	NO	3.789e4	203.22	203.22	0.908
13	PCB-87/117/125	39.19	39.19	4.396e5	2.840e5	3.535e4	2.250e4	1.57	NO	5.785e4	255.17	255.17	0.747
14	PCB-111/115	39.35	39.34	2.599e4	1.467e4	1.882e3	1.065e3	1.77	NO	2.947e3	10.608	10.608	0.610
15	PCB-85/116	39.48	39.47	1.349e5	9.082e4	1.158e4	7.941e3	1.46	NO	1.952e4	95.121	95.121	0.825
16	PCB-110	39.87	39.88	1.694e6	1.082e6	1.366e5	8.599e4	1.59	NO	2.226e5	878.20	878.20	0.668
17	PCB-82	40.52	40.51	7.958e4	4.639e4	6.856e3	3.932e3	1.74	NO	1.079e4	70.409	70.409	1.11
18	PCB-124	41.23	41.20	4.191e4	2.873e4	4.841e3	3.099e3	1.56	NO	7.939e3	28.983	28.983	0.620
19	PCB-107/109	41.37	41.39	8.487e4	5.299e4	7.128e3	4.637e3	1.54	NO	1.177e4	44.711	44.711	0.645
20	PCB-123	41.54	41.54	1.527e4	1.056e4	1.188e3	8.702e2	1.37	NO	2.058e3	8.7605	8.7600	0.722
21	PCB-106/118	41.74	41.72	1.136e6	7.425e5	1.020e5	6.544e4	1.56	NO	1.675e5	697.27	697.27	0.708

4th Function Penta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.40	42.40	2.237e4	1.289e4	1.938e3	1.082e3	1.79	NO	3.020e3	10.134	10.134	0.802
2	PCB-122	42.55	42.53	9.725e3	5.089e3	7.925e2	4.379e2	1.81	YES	1.230e3	0.00000	4.5460	0.969
3	PCB-105	43.29	43.29	4.098e5	2.632e5	3.681e4	2.353e4	1.57	NO	6.034e4	215.60	215.60	0.878
4	PCB-126	45.64	45.62	6.380e3	4.272e3	4.867e2	3.227e2	1.51	NO	8.094e2	3.1082	3.1080	0.856

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

3rd Function Hexa-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.41	38.39	5.454e3	3.517e3	3.836e2	2.491e2	1.54	YES	6.327e2	0.00000	5.3360	0.436
2	PCB-136	39.70	39.66	1.863e5	1.479e5	1.665e4	1.316e4	1.26	NO	2.980e4	302.49	302.50	0.463
3	PCB-148	39.81	39.79	3.528e3	3.868e3	1.983e2	1.196e2	1.66	YES	3.179e2	0.00000	3.2980	0.562
4	PCB-154	40.32	40.27	2.241e4	1.467e4	1.744e3	1.287e3	1.35	NO	3.031e3	34.174	34.174	0.514
5	PCB-151	40.98	40.94	2.858e5	2.270e5	2.400e4	1.944e4	1.23	NO	4.345e4	572.40	572.40	0.601
6	PCB-135	41.19	41.16	1.360e5	1.086e5	1.128e4	9.293e3	1.21	NO	2.057e4	231.11	231.11	0.513
7	PCB-144	41.30	41.28	4.924e4	3.790e4	4.196e3	3.187e3	1.32	NO	7.384e3	96.978	96.978	0.599
8	PCB-147	41.43	41.41	9.694e3	7.887e3	8.019e2	6.304e2	1.27	NO	1.432e3	17.785	17.785	0.567
9	PCB-139/149	41.72	41.67	9.066e5	6.926e5	7.513e4	5.643e4	1.33	NO	1.316e5	1438.3	1438.3	0.499
10	PCB-140	41.90	41.87	6.012e3	4.027e3	5.213e2	3.362e2	1.55	YES	8.575e2	0.00000	9.8340	0.596

4th Function Hexa-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.33	42.32	9.313e4	7.631e4	8.016e3	6.576e3	1.22	NO	1.459e4	69.037	69.037	1.35
2	PCB-131/133	42.63	42.63	5.631e4	3.818e4	4.758e3	3.265e3	1.46	YES	8.023e3	0.00000	31.996	1.25
3	PCB-146/165	43.02	43.04	3.846e5	3.194e5	3.405e4	2.870e4	1.19	NO	6.275e4	221.64	221.64	1.01
4	PCB-132/161	43.26	43.31	6.771e5	5.246e5	6.019e4	4.746e4	1.27	NO	1.077e5	377.42	377.42	0.999
5	PCB-153	43.44	43.44	2.927e6	2.418e6	2.553e5	2.076e5	1.23	NO	4.629e5	1552.5	1552.5	0.956
6	PCB-141	44.22	44.22	4.736e5	3.949e5	4.466e4	3.723e4	1.20	NO	8.189e4	347.79	347.79	1.31
7	PCB-137	44.62	44.63	5.089e4	3.828e4	4.491e3	3.491e3	1.29	NO	7.983e3	31.344	31.344	1.21
8	PCB-130	44.72	44.73	7.486e4	5.943e4	6.973e3	5.619e3	1.24	NO	1.259e4	62.011	62.011	1.52
9	PCB-138/163/164	45.13	45.13	2.110e6	1.691e6	2.132e5	1.723e5	1.24	NO	3.854e5	1305.8	1305.8	0.958
10	PCB-158/160	45.37	45.35	2.626e5	2.065e5	2.107e4	1.660e4	1.27	NO	3.768e4	132.13	132.13	0.991
11	PCB-129	45.64	45.62	4.642e4	3.629e4	3.695e3	2.943e3	1.25	NO	6.638e3	33.305	33.305	1.42
12	PCB-166	46.10	46.09	5.242e3	3.632e3	5.210e2	2.891e2	1.80	YES	8.101e2	0.00000	1.9640	1.07
13	PCB-159	46.44	46.47	4.344e4	4.635e4	4.658e3	4.305e3	1.08	NO	8.962e3	25.534	25.534	1.00
14	PCB-128/162	46.72	46.68	1.842e5	1.477e5	1.882e4	1.545e4	1.22	NO	3.427e4	130.90	130.90	1.34
15	PCB-167	47.19	47.19	7.425e4	6.230e4	6.338e3	5.270e3	1.20	NO	1.161e4	35.583	35.583	0.913
16	PCB-156	48.44	48.44	2.076e5	1.751e5	1.767e4	1.452e4	1.22	NO	3.219e4	99.603	99.603	0.868
17	PCB-157	48.73	48.71	2.879e4	2.356e4	2.517e3	1.952e3	1.29	NO	4.469e3	15.081	15.081	0.933



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**Total Hepta-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-188	43.06	43.06	2.057e3	2.100e3	1.451e2	1.746e2	0.83	YES	3.197e2	0.00000	1.0680	0.585
2	PCB-179	44.31	44.31	5.271e5	5.208e5	4.741e4	4.636e4	1.02	NO	9.377e4	351.26	351.26	0.581
3	PCB-176	44.78	44.81	1.371e5	1.387e5	1.291e4	1.357e4	0.95	NO	2.649e4	98.423	98.423	0.576
4	PCB-178	45.93	45.94	1.315e5	1.374e5	1.139e4	1.150e4	0.99	NO	2.289e4	117.99	117.99	0.800
5	PCB-175	46.28	46.30	3.263e4	2.973e4	2.507e3	2.289e3	1.10	NO	4.796e3	24.390	24.390	0.789
6	PCB-182/187	46.46	46.47	1.093e6	1.047e6	1.016e5	9.879e4	1.03	NO	2.003e5	913.77	913.77	0.707
7	PCB-183	46.80	46.83	4.246e5	3.991e5	4.417e4	4.243e4	1.04	NO	8.660e4	411.71	411.71	0.737
8	PCB-185	47.48	47.53	1.230e5	1.061e5	9.773e3	8.543e3	1.14	NO	1.832e4	90.747	90.747	0.755
9	PCB-174	47.86	47.88	6.365e5	6.068e5	4.971e4	4.825e4	1.03	NO	9.795e4	503.95	503.95	0.784
10	PCB-177	48.12	48.14	4.402e5	4.168e5	3.639e4	3.451e4	1.05	NO	7.090e4	386.42	386.42	0.830
11	PCB-171	48.42	48.44	1.834e5	1.773e5	1.583e4	1.552e4	1.02	NO	3.135e4	165.88	165.88	0.806
12	PCB-173	48.86	48.88	1.215e4	1.382e4	9.911e2	1.083e3	0.92	NO	2.074e3	12.137	12.137	0.892
13	PCB-172	49.33	49.33	1.104e5	1.145e5	9.100e3	9.380e3	0.97	NO	1.848e4	93.584	93.584	0.772
14	PCB-180	49.75	49.75	1.971e6	1.897e6	1.644e5	1.570e5	1.05	NO	3.214e5	1585.6	1585.6	0.752
15	PCB-193	49.96	49.96	9.505e4	1.051e5	8.312e3	8.819e3	0.94	NO	1.713e4	71.156	71.156	0.633
16	PCB-191	50.22	50.24	3.657e4	3.134e4	3.050e3	2.718e3	1.12	NO	5.768e3	23.489	23.489	0.620
17	PCB-170	51.42	51.42	5.545e5	5.294e5	4.952e4	4.593e4	1.08	NO	9.544e4	562.71	562.71	0.967
18	PCB-190	51.60	51.63	1.504e5	1.429e5	1.354e4	1.322e4	1.02	NO	2.677e4	119.42	119.42	0.731
19	PCB-189	53.14	53.12	2.704e4	3.085e4	1.846e3	2.341e3	0.79	YES	4.188e3	0.00000	15.715	0.591

**4th Function Octa-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.65	48.65	8.514e4	9.762e4	7.533e3	8.387e3	0.90	NO	1.592e4	112.89	112.89	0.489
2	PCB-201	49.14	49.14	6.114e4	6.602e4	4.988e3	5.317e3	0.94	NO	1.030e4	81.080	81.080	0.542
3	PCB-197	49.60	49.62	1.721e4	1.554e4	1.481e3	1.486e3	1.00	NO	2.967e3	21.697	21.697	0.504
4	PCB-200	50.54	50.55	5.782e4	6.525e4	4.851e3	5.672e3	0.86	NO	1.052e4	81.442	81.442	0.533
5	PCB-198	52.25	52.25	4.806e4	5.618e4	3.959e3	4.215e3	0.94	NO	8.174e3	85.296	85.296	0.719
6	PCB-199	52.35	52.35	1.609e5	1.721e5	1.696e4	1.774e4	0.96	NO	3.470e4	355.17	355.18	0.705
7	PCB-196/203	52.54	52.55	4.766e5	4.972e5	3.281e4	3.461e4	0.95	NO	6.742e4	666.29	666.29	0.681

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**5th Function Octa-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-195	53.83	53.82	1.459e5	1.780e5	9.049e3	1.107e4	0.82	NO	2.012e4	175.59	175.59	1.26
2	PCB-194	54.75	54.75	3.817e5	4.288e5	2.140e4	2.409e4	0.89	NO	4.549e4	371.48	371.48	1.18
3	PCB-205	55.01	55.01	1.929e4	2.425e4	1.169e3	1.338e3	0.87	NO	2.506e3	17.713	17.713	1.02

**Total Nona-PCBs**

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-208	53.97	53.97	1.044e5	8.278e4	6.176e3	4.997e3	1.24	NO	1.117e4	56.022	56.022	0.562
2	PCB-207	54.29	54.29	5.742e4	4.042e4	3.632e3	2.528e3	1.44	NO	6.159e3	31.449	31.449	0.572
3	PCB-206	56.27	56.25	2.823e5	2.221e5	1.722e4	1.313e4	1.31	NO	3.034e4	231.92	231.92	0.869

**Deca-CB**

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-209	57.48	57.50	9.130e4	7.162e4	4.988e3	4.051e3	1.23	NO	9.039e3	65.784	65.784	0.305

**Total PCBs**

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

**Total Mono-Isotopes**

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

**Total Di-Isotopes**

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	13C-PCB-11	25.57	25.58	3.601e5	2.189e5	3.659e4	1.794e4	2.04	YES	5.453e4	507.34		3.95
2	13C-PCB-15	26.33	26.33	3.533e6	2.109e6	1.366e5	8.500e4	1.61	NO	2.216e5	1982.2		3.80



Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**2nd Function Tri-Isotopes**

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

**3rd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.83	28.83	4.502e6	4.587e6	3.712e5	3.749e5	0.99	NO	7.462e5	1982.2		8.84
2	13C-PCB-28	28.94	28.92	3.167e6	3.101e6	2.600e5	2.579e5	1.01	NO	5.180e5	1292.8		8.31
3	13C-PCB-37	32.94	32.94	3.660e6	3.586e6	3.511e5	3.502e5	1.00	NO	7.013e5	1883.4		8.94

**Tetra-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.70	27.77	2.944e6	3.853e6	2.397e5	3.113e5	0.77	NO	5.510e5	1554.4		1.66
2	13C-PCB-52	31.35	31.38	2.611e6	3.390e6	2.381e5	3.085e5	0.77	NO	5.465e5	1916.1		2.06
3	13C-PCB-47	31.87	31.92	1.815e6	2.366e6	2.423e5	3.172e5	0.76	NO	5.594e5	1839.8		1.94
4	13C-PCB-70	35.71	35.71	1.395e6	1.762e6	8.822e4	1.104e5	0.80	NO	1.986e5	562.25		1.67
5	13C-PCB-80	35.94	35.97	3.038e6	4.024e6	2.365e5	3.143e5	0.75	NO	5.508e5	1510.4		1.61
6	13C-PCB-60	36.66	36.79	4.003e6	5.329e6	3.031e5	3.999e5	0.76	NO	7.030e5	1982.2		1.66
7	13C-PCB-79	37.90	37.87	3.888e6	5.088e6	3.094e5	3.999e5	0.77	NO	7.093e5	1871.0		1.55
8	13C-PCB-81	39.16	39.14	3.402e6	4.406e6	2.764e5	3.605e5	0.77	NO	6.369e5	1817.6		1.68
9	13C-PCB-77	39.78	39.77	3.347e6	4.231e6	2.974e5	3.771e5	0.79	NO	6.744e5	1963.0		1.71

**3rd Function Penta-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.53	32.60	2.645e6	1.607e6	2.347e5	1.438e5	1.63	NO	3.785e5	1748.4		1.13
2	13C-PCB-95	35.79	35.86	2.488e6	1.575e6	1.798e5	1.139e5	1.58	NO	2.936e5	1712.2		1.42
3	13C-PCB-101	37.55	37.55	2.489e6	1.561e6	1.982e5	1.234e5	1.61	NO	3.216e5	1905.1		1.45
4	13C-PCB-97	38.89	38.88	2.171e6	1.275e6	1.805e5	1.078e5	1.67	NO	2.883e5	1943.4		1.65
5	13C-PCB-111	39.23	39.34	3.111e6	1.854e6	2.666e5	1.556e5	1.71	NO	4.222e5	1982.2		1.15
6	13C-PCB-123	41.53	41.52	2.913e6	1.786e6	2.426e5	1.461e5	1.66	NO	3.887e5	1956.4		1.23
7	13C-PCB-118	41.73	41.70	2.947e6	1.750e6	2.462e5	1.443e5	1.71	NO	3.905e5	1860.0		1.16

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-9.qld

Last Altered: Thursday, June 18, 2020 12:53:35 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:00:27 Pacific Daylight Time

ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**4th Function Penta-Isotopes**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.35	42.38	3.695e6	2.330e6	3.170e5	2.007e5	1.58	NO	5.177e5	1539.9		1.91
2	13C-PCB-105	43.24	43.27	3.651e6	2.328e6	3.219e5	2.060e5	1.56	NO	5.279e5	1544.7		1.88
3	13C-PCB-127	43.60	43.63	3.555e6	2.297e6	3.368e5	2.181e5	1.54	NO	5.549e5	1571.2		1.82
4	13C-PCB-126	45.56	45.62	3.392e6	2.067e6	2.713e5	1.691e5	1.61	NO	4.404e5	1292.1		1.88

**4th Function Hexa-Isotopes**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.41	43.42	3.549e6	2.830e6	3.074e5	2.447e5	1.26	NO	5.521e5	1861.0		2.42
2	13C-PCB-141	44.18	44.20	2.679e6	2.132e6	2.518e5	2.029e5	1.24	NO	4.546e5	1854.5		2.93
3	13C-PCB-138	45.05	45.09	2.951e6	2.344e6	2.535e5	2.024e5	1.25	NO	4.558e5	1770.1		2.79
4	13C-PCB-159	46.37	46.42	2.953e6	2.406e6	3.155e5	2.564e5	1.23	NO	5.719e5	1827.9		2.30
5	13C-PCB-128	46.59	46.66	2.548e6	2.010e6	2.405e5	1.903e5	1.26	NO	4.309e5	1982.2		3.30
6	13C-PCB-167	47.08	47.17	3.588e6	2.881e6	3.247e5	2.586e5	1.25	NO	5.833e5	1863.4		2.29
7	13C-PCB-156	48.40	48.42	3.768e6	2.909e6	3.211e5	2.479e5	1.29	NO	5.690e5	1873.8		2.37
8	13C-PCB-157	48.69	48.69	3.748e6	3.000e6	3.147e5	2.509e5	1.25	NO	5.657e5	1862.9		2.37
9	13C-PCB-169	50.97	50.98	3.051e6	2.458e6	2.986e5	2.429e5	1.23	NO	5.415e5	1871.5		2.48

**5th Function Octa-Isotopes**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.74	54.73	1.818e6	2.066e6	1.008e5	1.168e5	0.86	NO	2.175e5	1742.7		3.92
2	13C-PCB-205	54.97	54.99	2.716e6	3.094e6	1.514e5	1.707e5	0.89	NO	3.222e5	1982.2		3.01

Dataset: Untitled

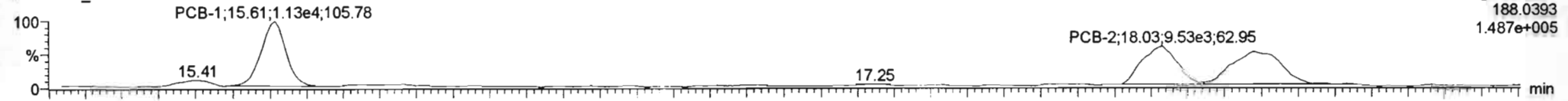
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

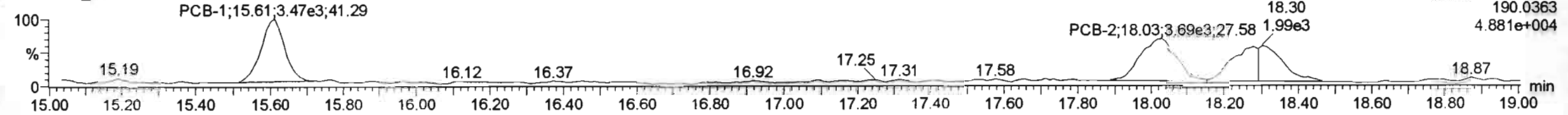
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-1**

200615K1\_9

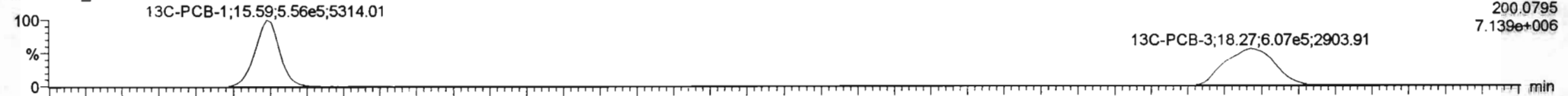


200615K1\_9

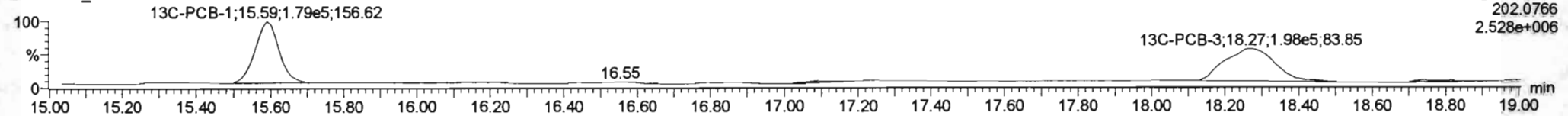


**13C-PCB-1**

200615K1\_9

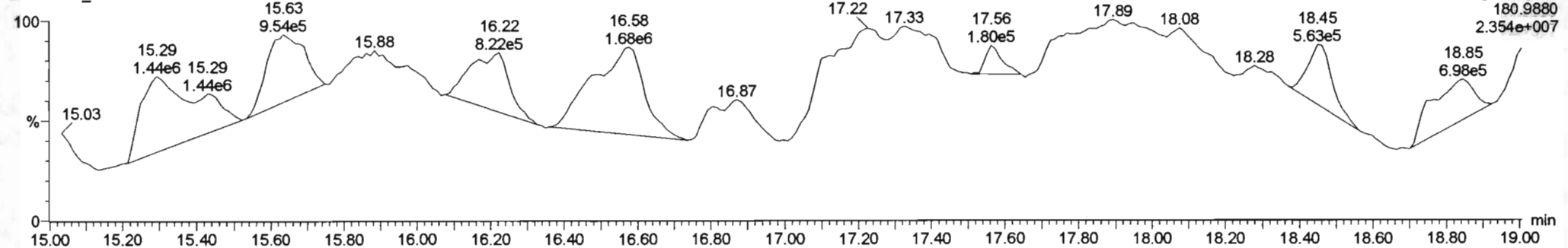


200615K1\_9



**PFK1**

200615K1\_9



Dataset: Untitled

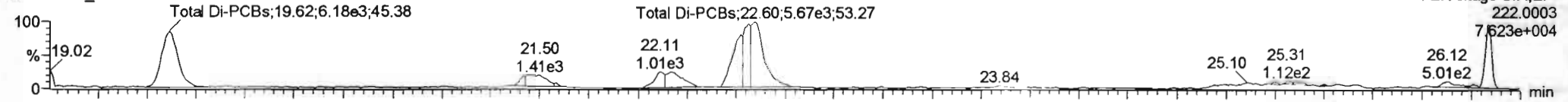
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

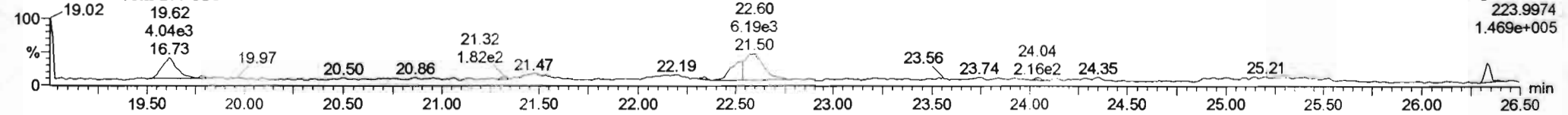
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-4/10**

200615K1\_9

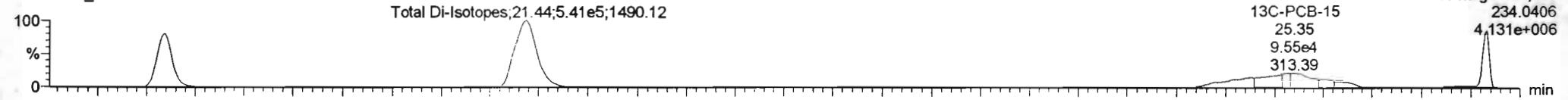


200615K1\_9

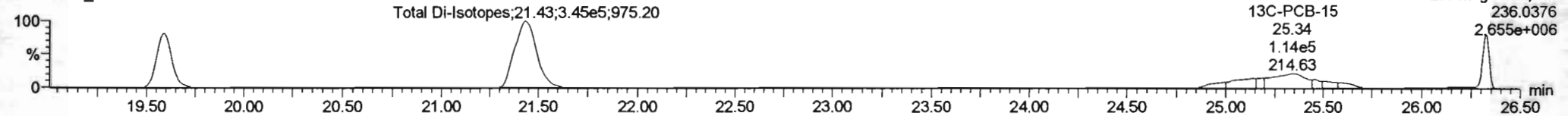


**13C-PCB-4**

200615K1\_9

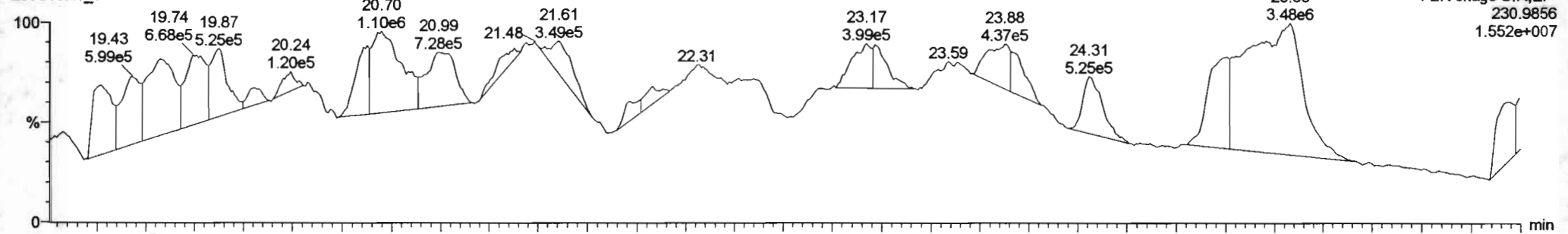


200615K1\_9



**PFK2a**

200615K1\_9





Vista Analytical Laboratory VG-11

Dataset: Untitled

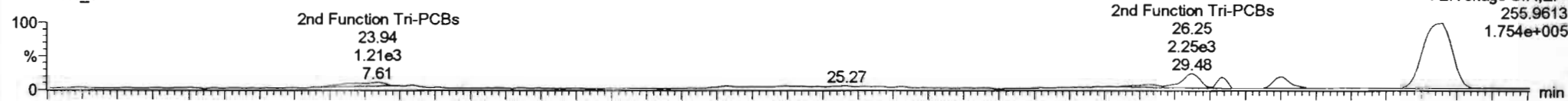
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

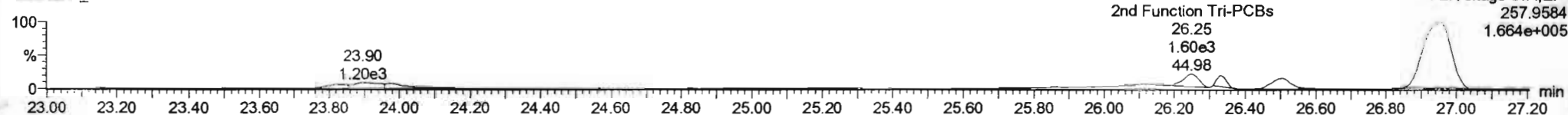
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

PCB-19

200615K1\_9

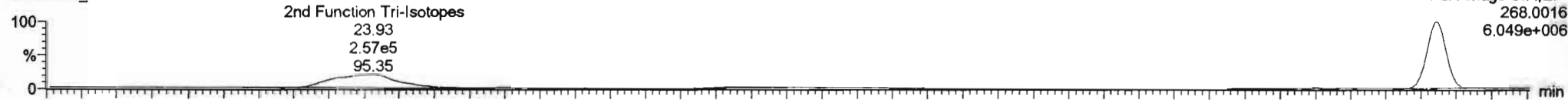


200615K1\_9

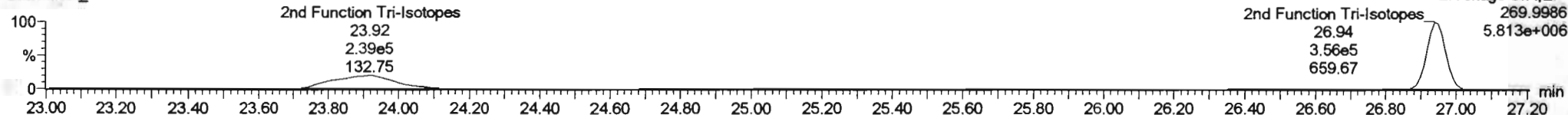


13C-PCB-19

200615K1\_9

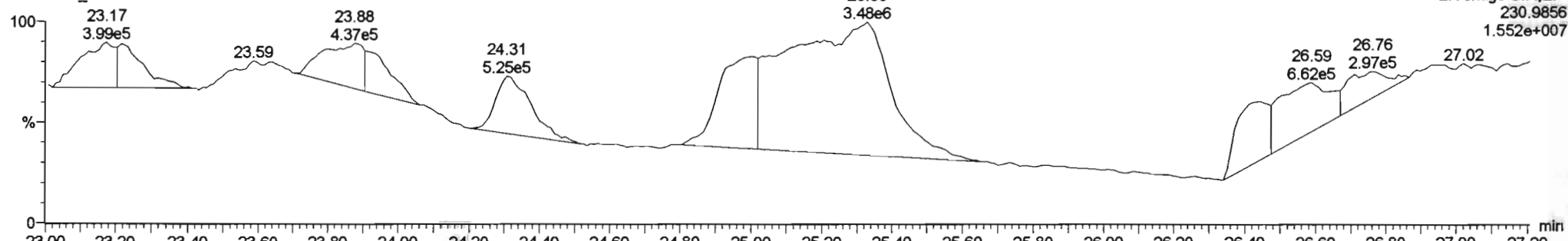


200615K1\_9



PFK2b

200615K1\_9

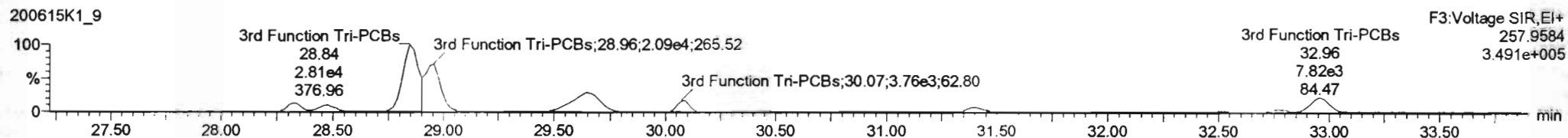
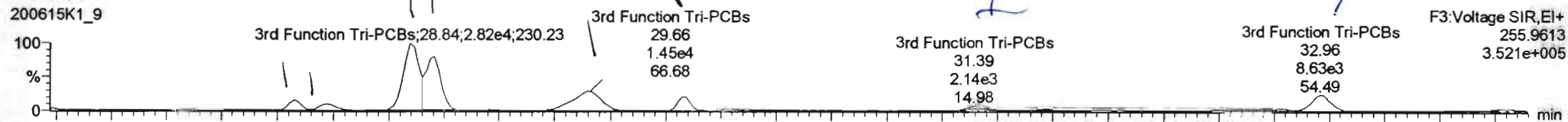


Dataset: Untitled

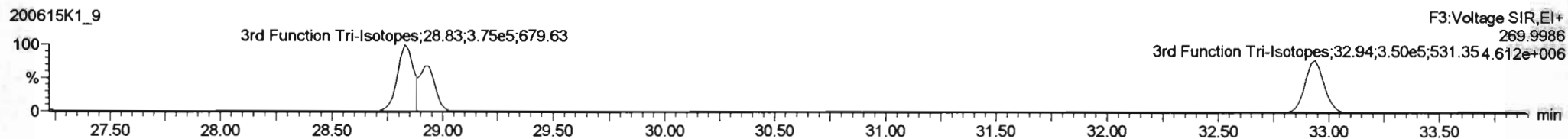
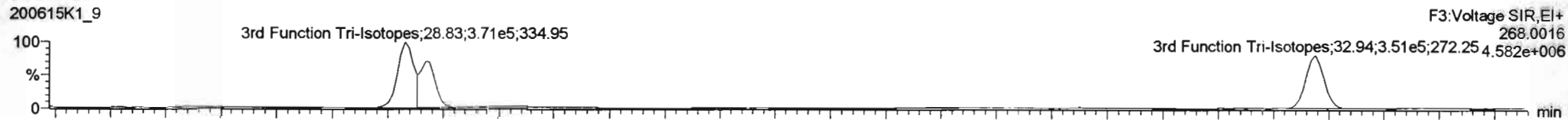
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

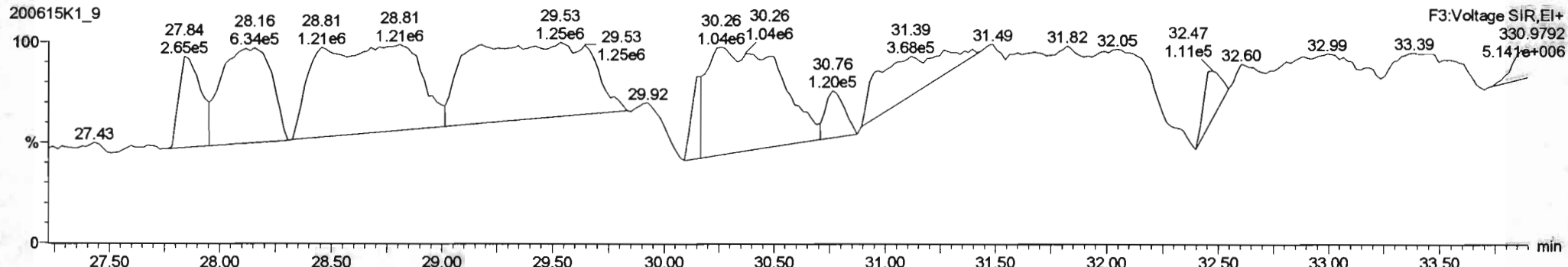
**PCB-34**



**13C-PCB-28**



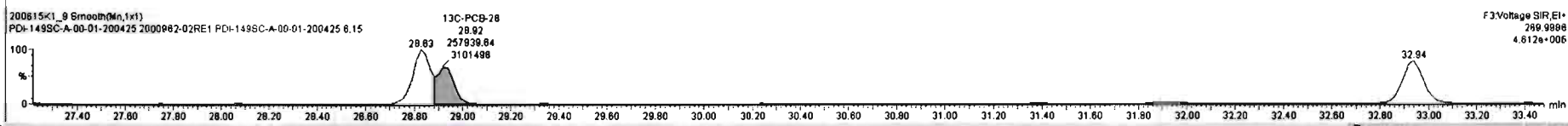
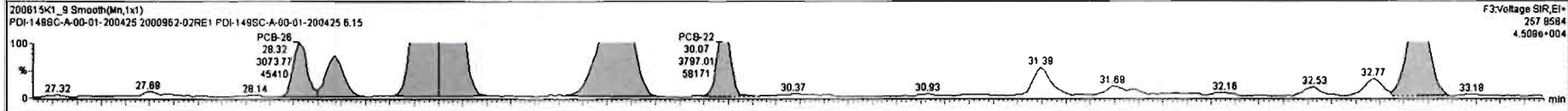
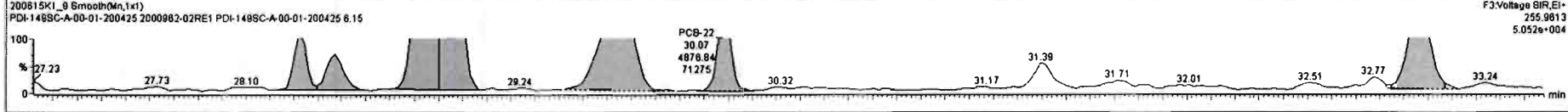
**PFK3d**

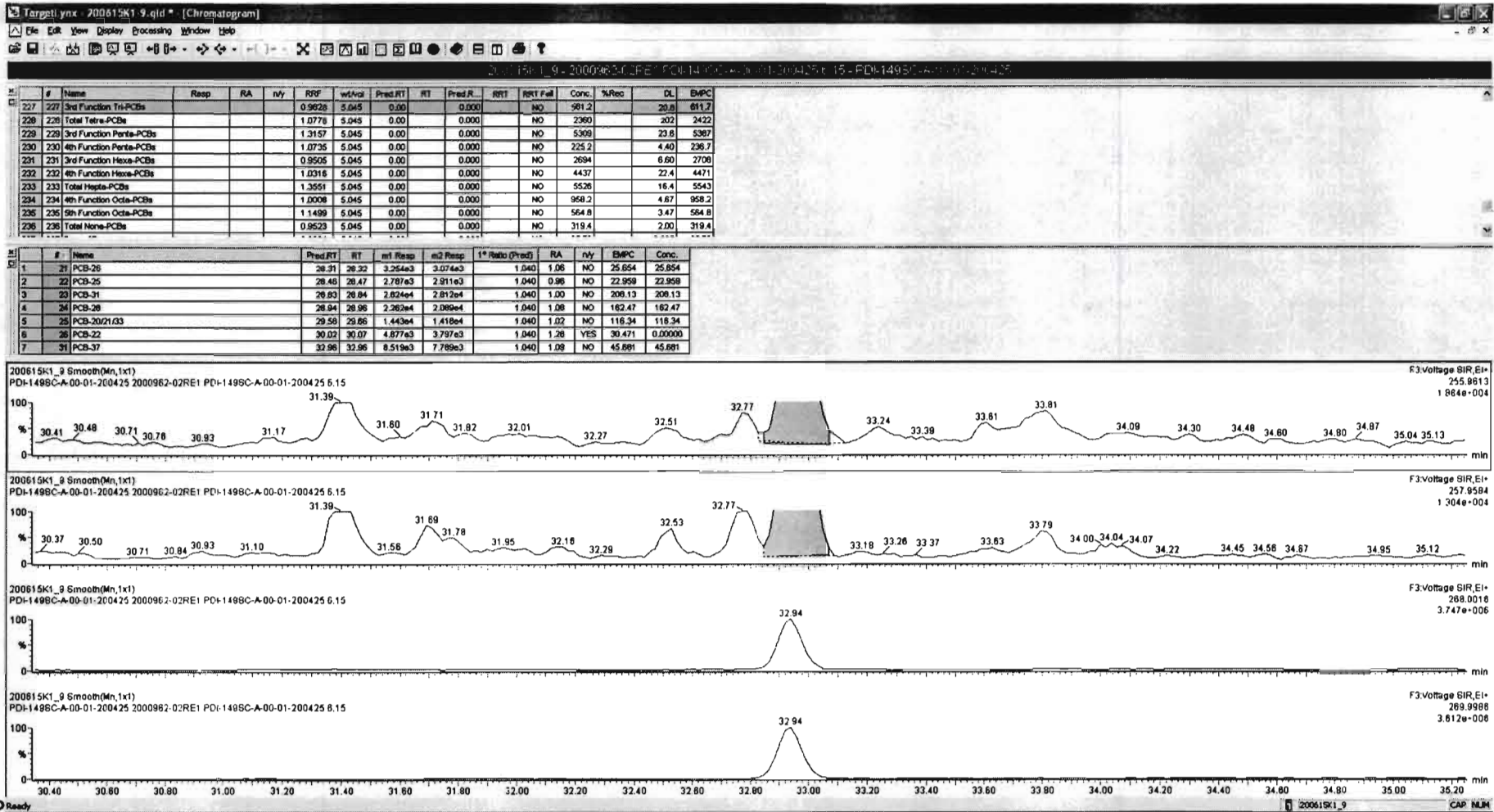




#	Name	Resp	RA	n/y	RRF	w/wd	Pred.RT	RT	Pred.R	RT	RT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9528	5.045	0.00	0.000	0.000		NO	591.2		20.8	611.7
228	228 Total Tetra-PCBs				1.0779	5.045	0.00	0.000	0.000		NO	2360		202	2422
229	229 3rd Function Penta-PCBs				1.3157	5.045	0.00	0.000	0.000		NO	5309		23.6	5367
230	230 4th Function Penta-PCBs				1.0735	5.045	0.00	0.000	0.000		NO	225.2		4.40	236.7
231	231 3rd Function Hexa-PCBs				0.9505	5.045	0.00	0.000	0.000		NO	2694		6.80	2708
232	232 4th Function Hexa-PCBs				1.0316	5.045	0.00	0.000	0.000		NO	4437		22.4	4471
233	233 Total Hepta-PCBs				1.3551	5.045	0.00	0.000	0.000		NO	5526		16.4	5543
234	234 4th Function Octa-PCBs				1.0008	5.045	0.00	0.000	0.000		NO	958.2		4.87	958.2
235	235 5th Function Octa-PCBs				1.1499	5.045	0.00	0.000	0.000		NO	564.8		3.47	564.8
236	236 Total Nonis-PCBs				0.9523	5.045	0.00	0.000	0.000		NO	319.4		2.00	319.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	21 PCB-26	28.31	28.32	3.254e3	3.074e3	1.040	1.08	NO	25.654	25.654
2	22 PCB-25	28.46	28.47	2.787e3	2.811e3	1.040	0.96	NO	22.959	22.959
3	23 PCB-31	28.83	28.84	2.824e4	2.812e4	1.040	1.00	NO	208.13	208.13
4	24 PCB-28	28.94	28.96	2.262e4	2.099e4	1.040	1.08	NO	162.47	162.47
5	25 PCB-20/21/33	29.58	29.66	1.443e4	1.418e4	1.040	1.02	NO	116.34	116.34
6	26 PCB-22	30.02	30.07	4.877e3	3.797e3	1.040	1.28	YES	30.471	0.00000
7	31 PCB-37	32.96	32.98	6.519e3	7.789e3	1.040	1.09	NO	45.681	45.681



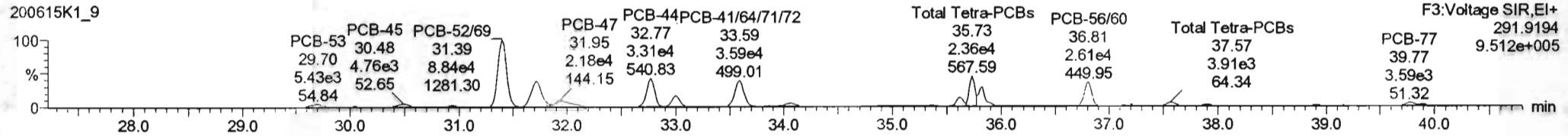
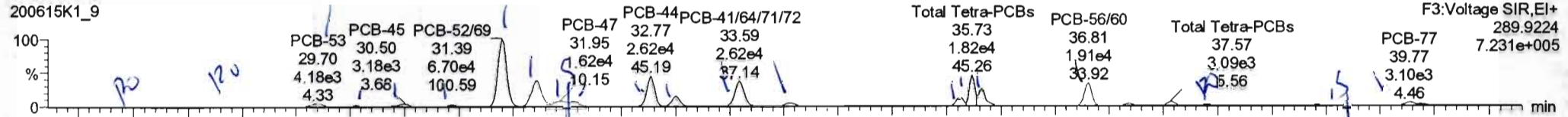


Dataset: Untitled

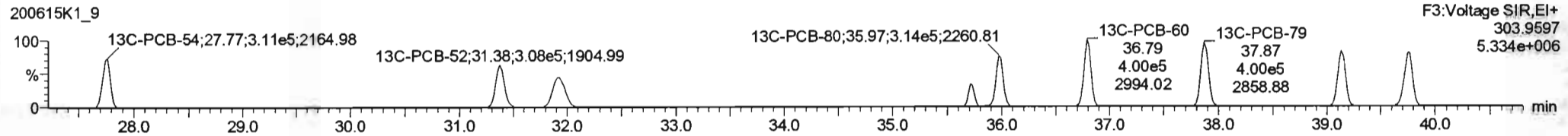
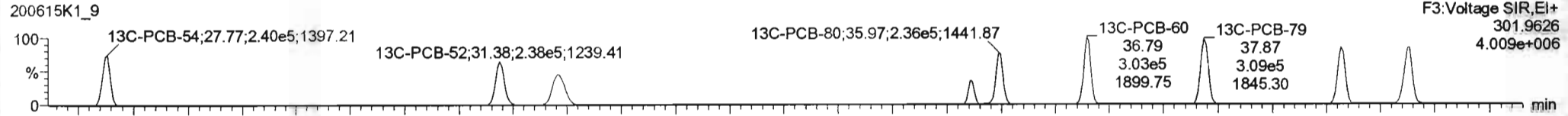
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
 Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

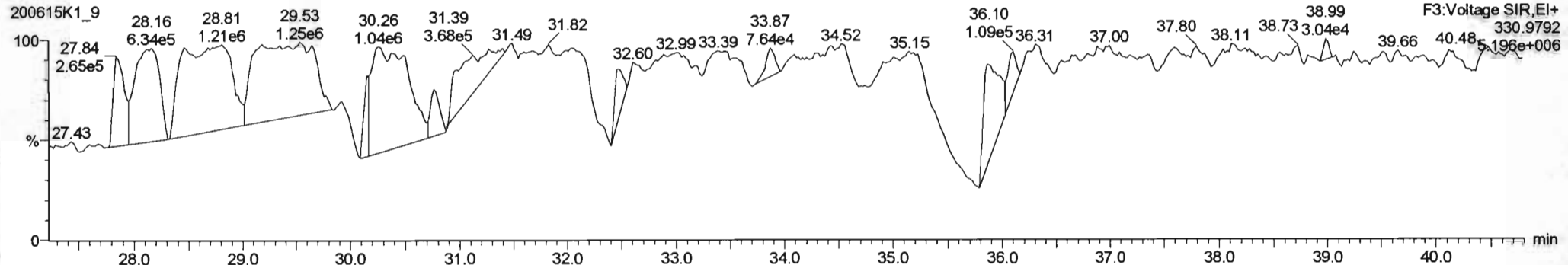
**PCB-54**



**13C-PCB-54**



**PFK3a**



Vista Analytical Laboratory VG-11

Dataset: Untitled

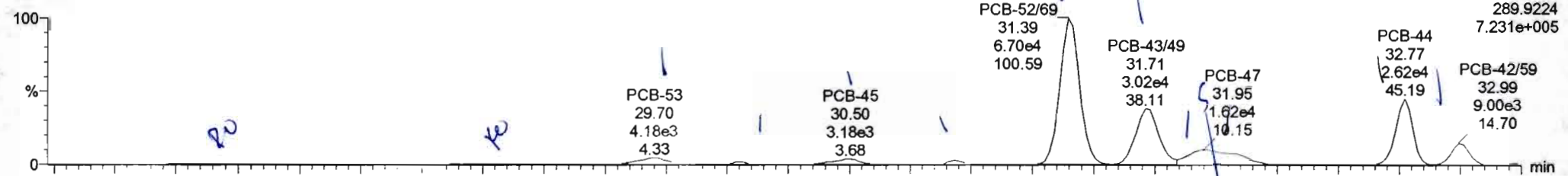
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

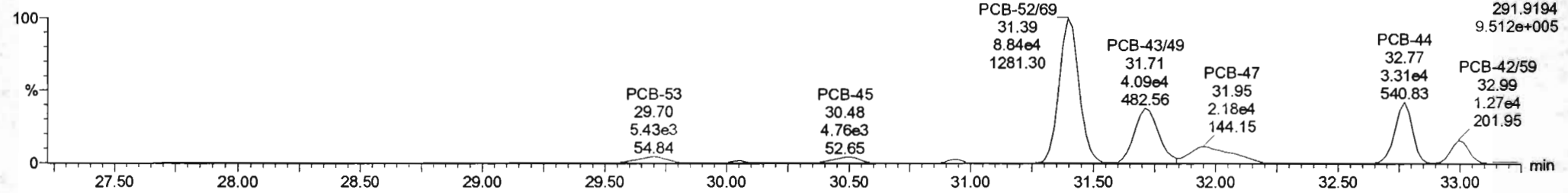
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

PCB-50

200615K1\_9

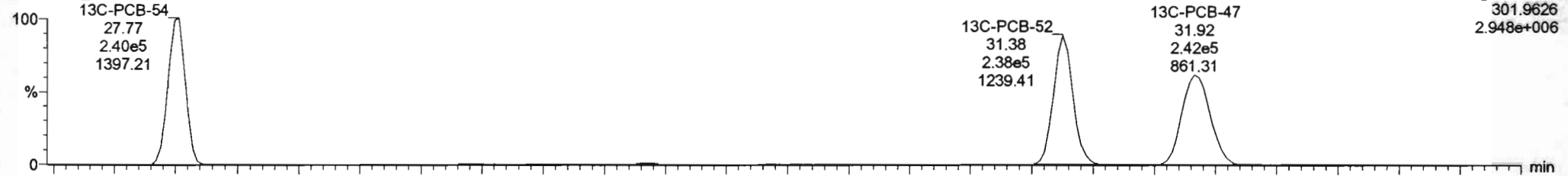


200615K1\_9

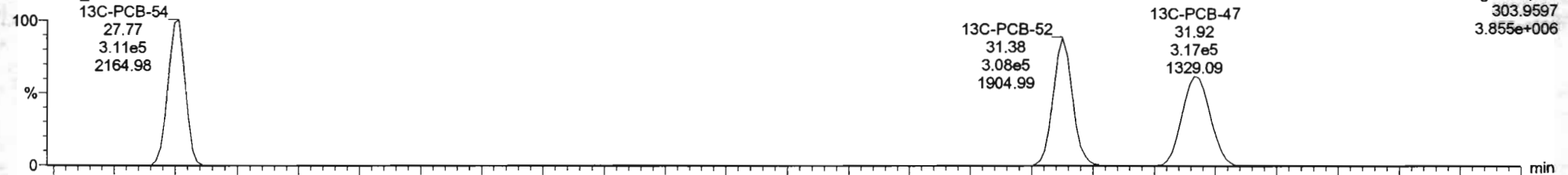


13C-PCB-52

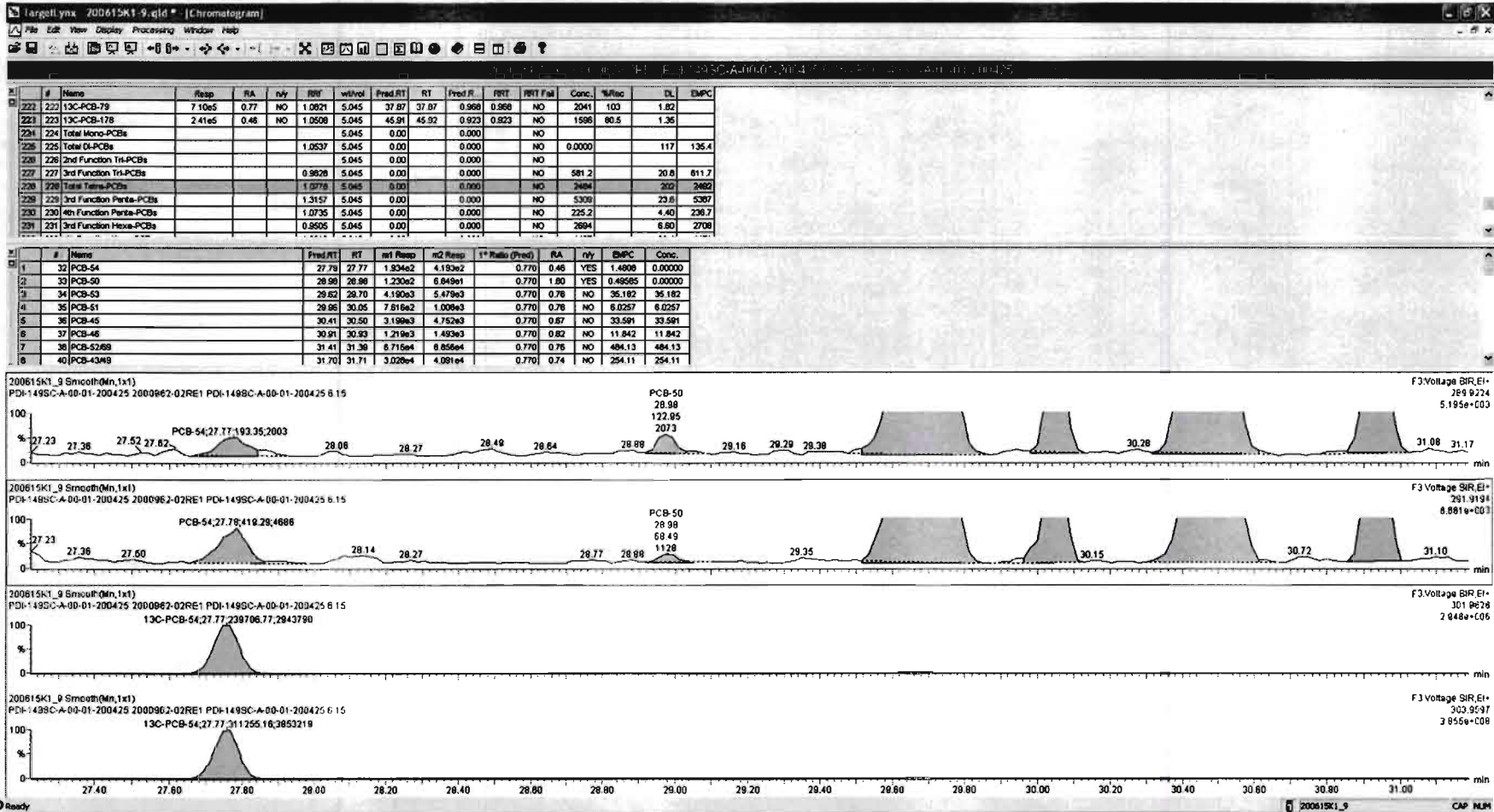
200615K1\_9

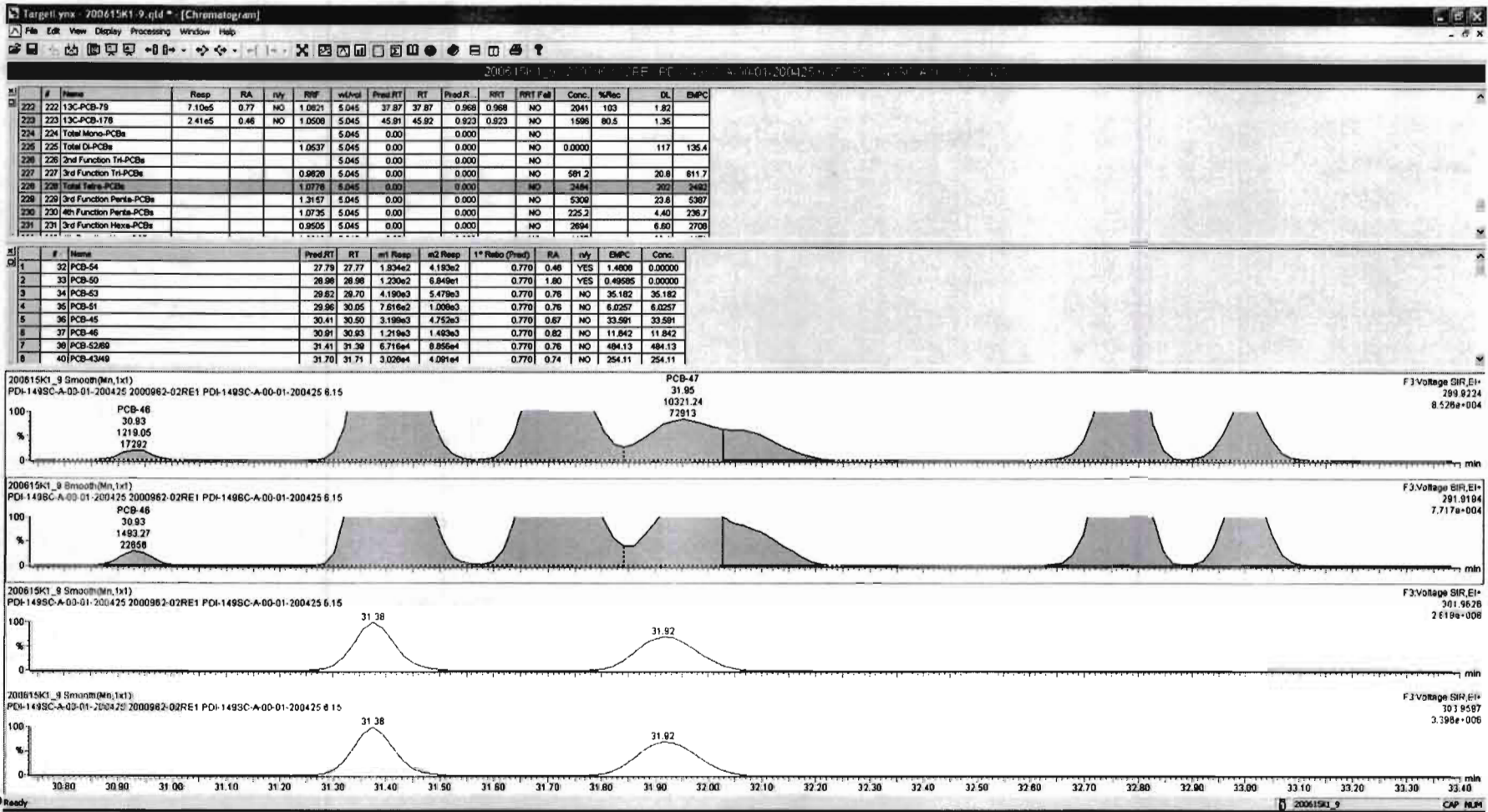


200615K1\_9











Dataset: Untitled

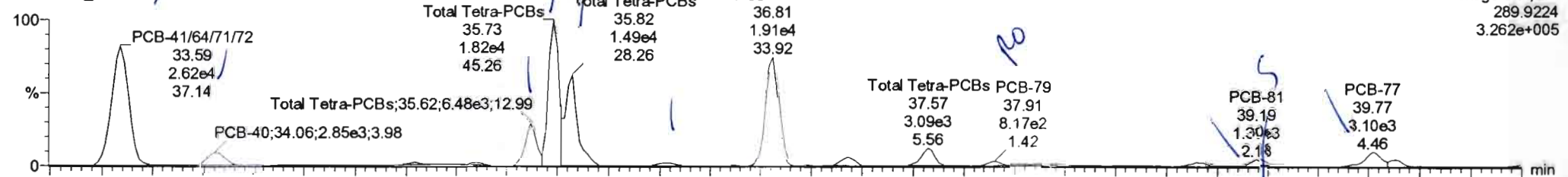
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

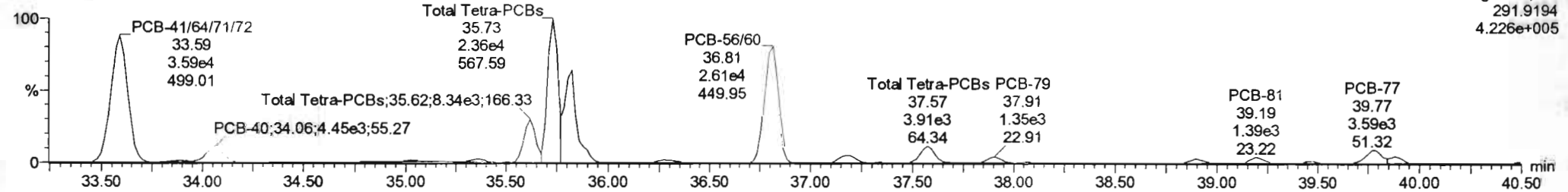
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-68**

200615K1\_9

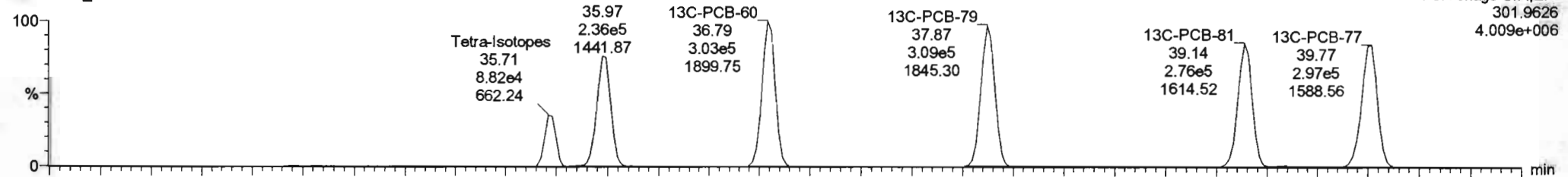


200615K1\_9

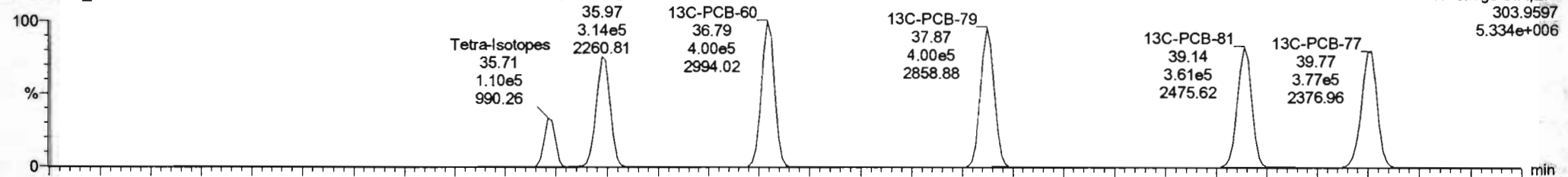


**<sup>13</sup>C-PCB-60**

200615K1\_9

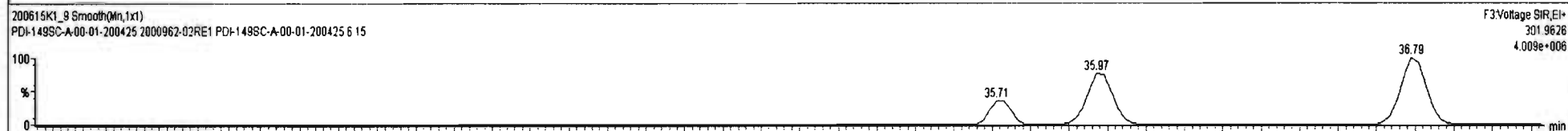
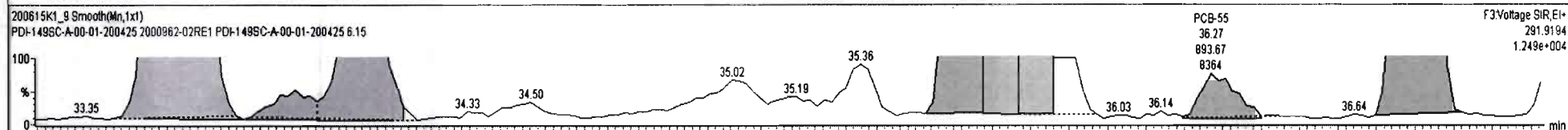
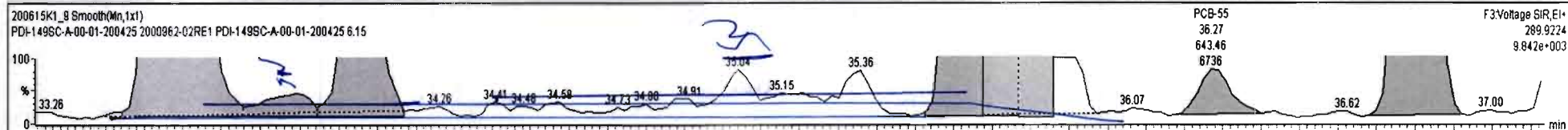


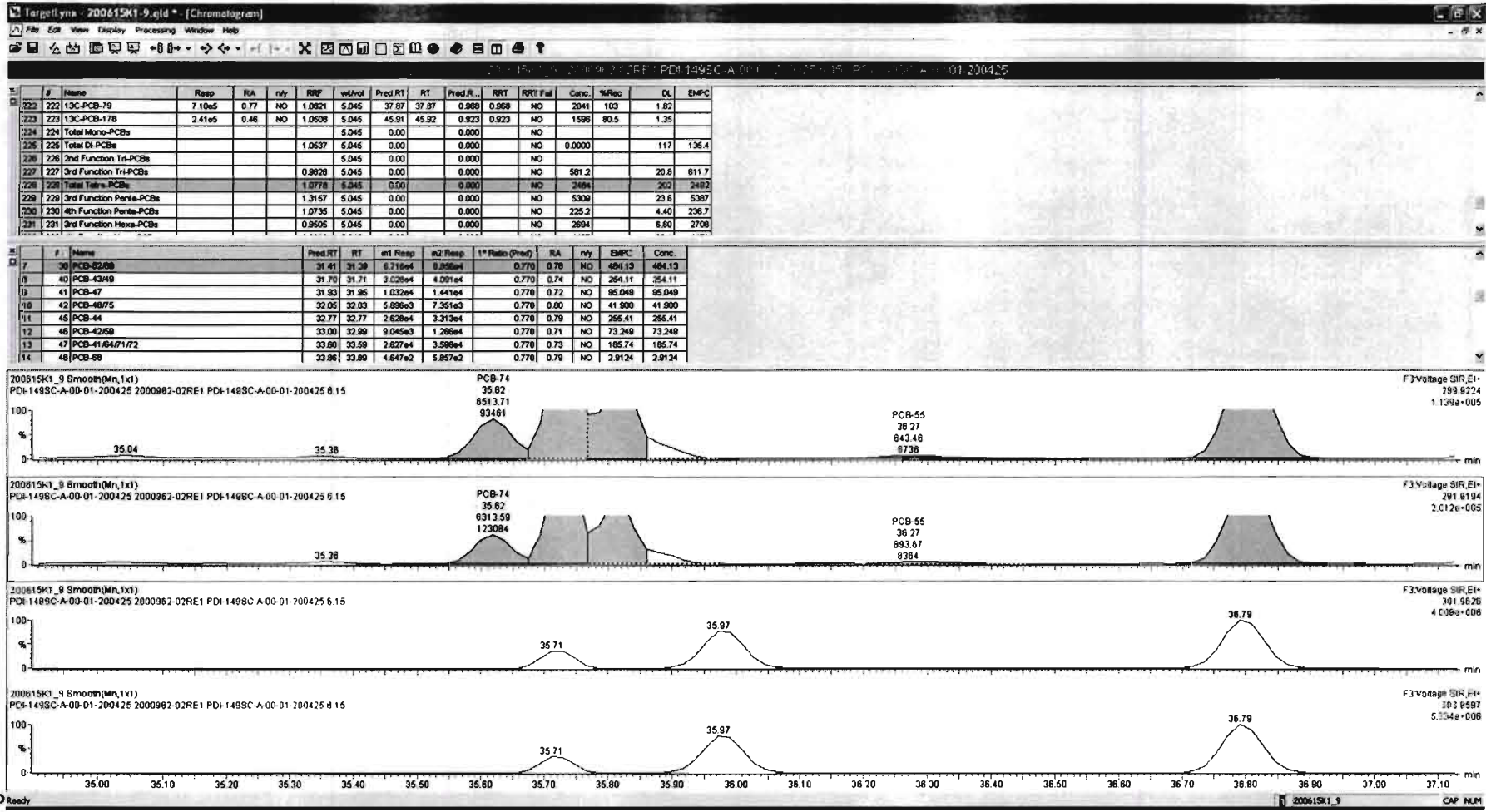
200615K1\_9



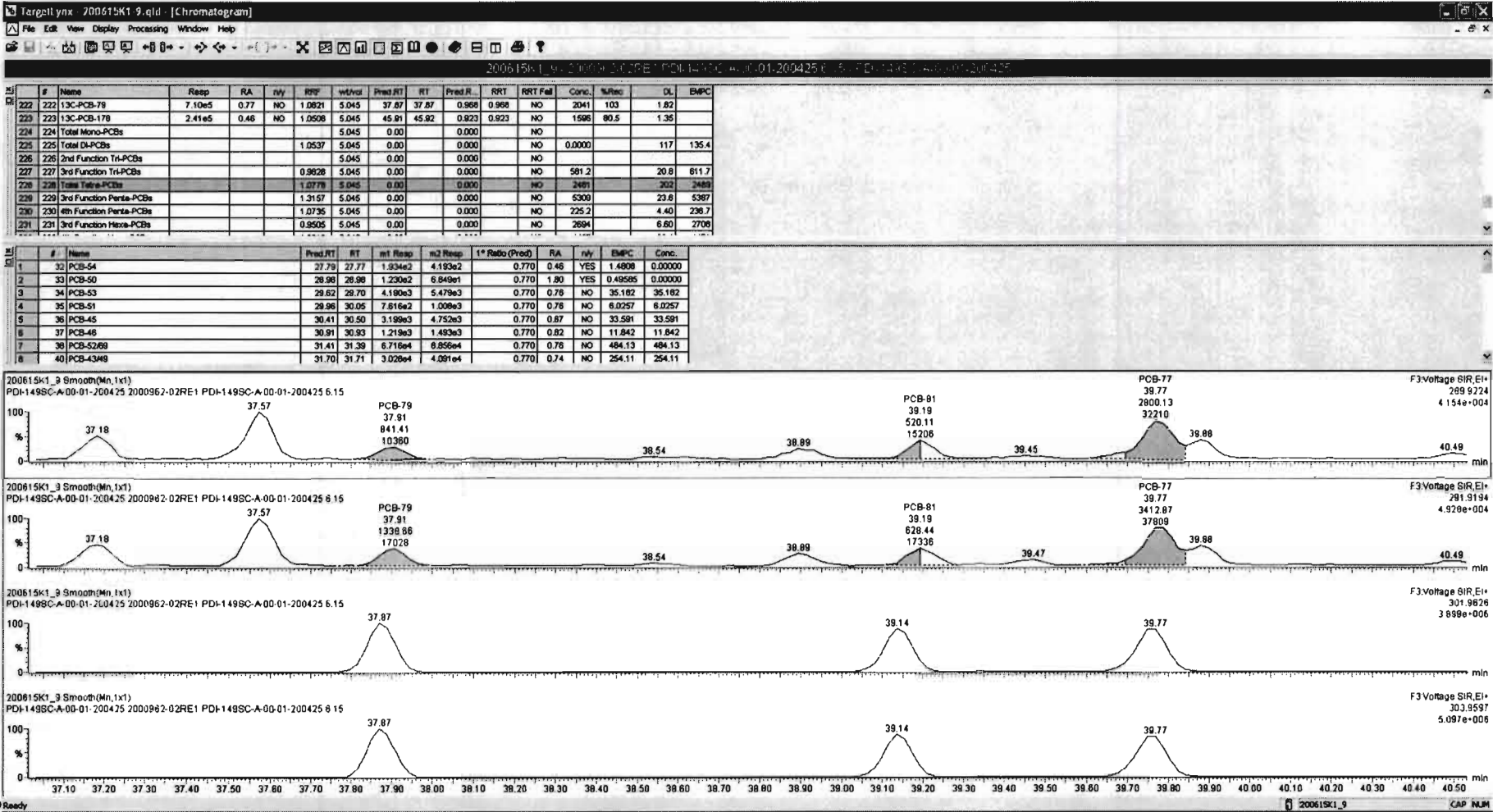
#	Name	Resp	RA	n/y	RRF	wtAval	Pred.RT	RT	Pred.RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	222 13C-PCB-79	7.10e5	0.77	NO	1.0821	5.045	37.87	37.87	0.968	0.968	NO	2041	103	1.82	
223	223 13C-PCB-178	2.41e5	0.46	NO	1.0508	5.045	45.91	45.92	0.923	0.923	NO	1596	80.5	1.35	
224	224 Total Mono-PCBs					5.045	0.00	0.000			NO				
225	225 Total Di-PCBs				1.0537	5.045	0.00	0.000			NO	0.0000		117	135.4
226	226 2nd Function Tri-PCBs					5.045	0.00	0.000			NO				
227	227 3rd Function Tri-PCBs				0.9828	5.045	0.00	0.000			NO	581.2		20.8	611.7
228	228 Total Tetra-PCBs				1.0778	5.045	0.00	0.000			NO	2464		202	2492
229	229 3rd Function Penta-PCBs				1.3157	5.045	0.00	0.000			NO	5309		23.6	5387
230	230 4th Function Penta-PCBs				1.0735	5.045	0.00	0.000			NO	225.2		4.40	236.7
231	231 3rd Function Hexa-PCBs				0.9505	5.045	0.00	0.000			NO	2694		6.60	2708

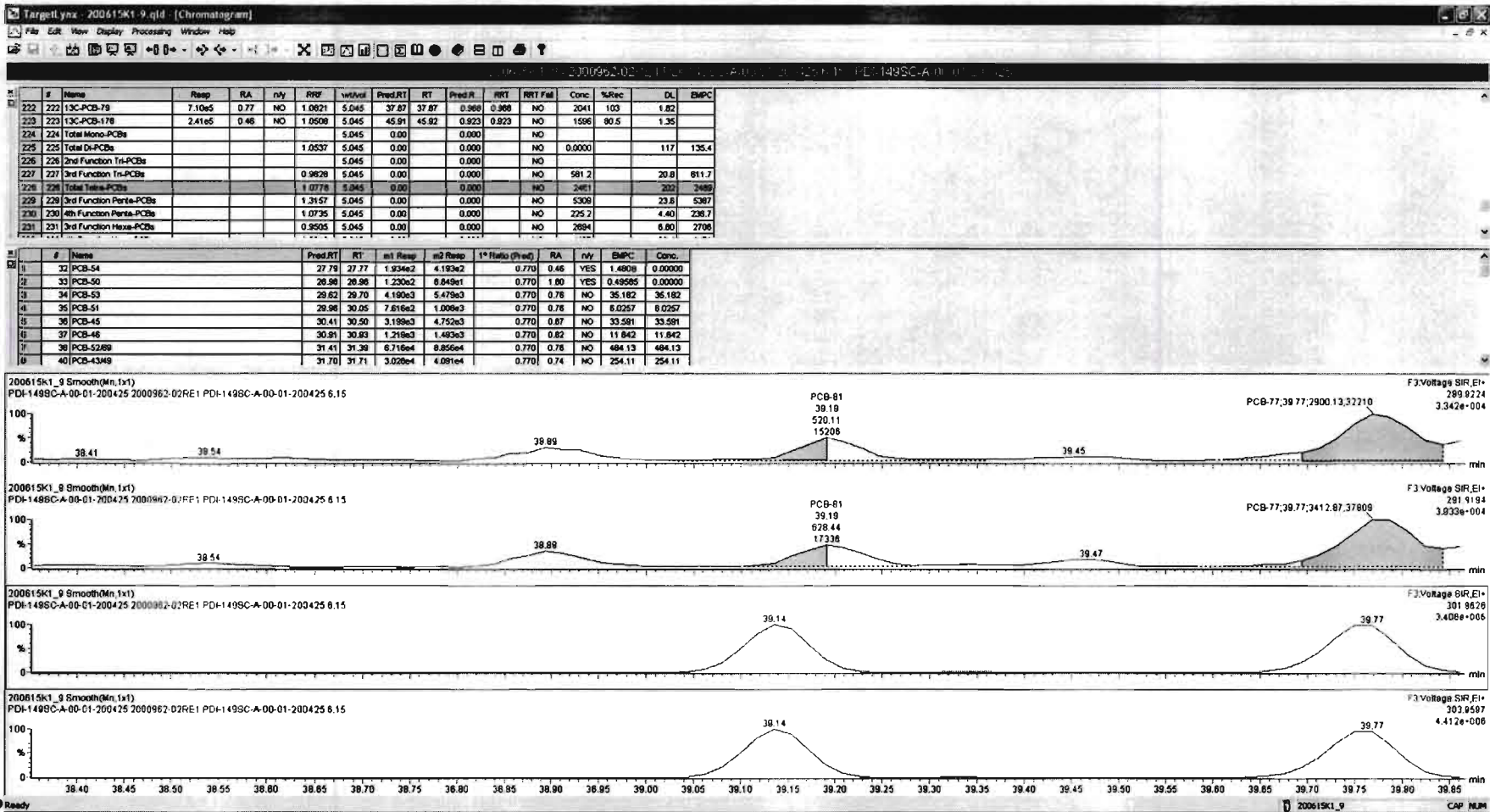
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 <sup>o</sup> Ratio (Pred)	RA	n/y	EMPC	Conc.
7	38 PCB-5268	31.41	31.38	6.716e4	8.858e4	0.770	0.78	NO	484.13	484.13
8	40 PCB-4349	31.70	31.71	3.028e4	4.091e4	0.770	0.74	NO	254.11	254.11
9	41 PCB-47	31.93	31.95	1.032e4	1.441e4	0.770	0.72	NO	95.049	95.049
10	42 PCB-4875	32.05	32.03	5.886e3	7.351e3	0.770	0.80	NO	41.900	41.900
11	45 PCB-44	32.77	32.77	2.628e4	3.313e4	0.770	0.79	NO	255.41	255.41
12	46 PCB-4269	33.00	32.99	9.045e3	1.266e4	0.770	0.71	NO	73.249	73.249
13	47 PCB-4184/1/72	33.80	33.59	2.627e4	3.598e4	0.770	0.73	NO	185.74	185.74
14	48 PCB-68	33.86	33.89	4.647e2	5.857e2	0.770	0.79	NO	2.9124	2.9124











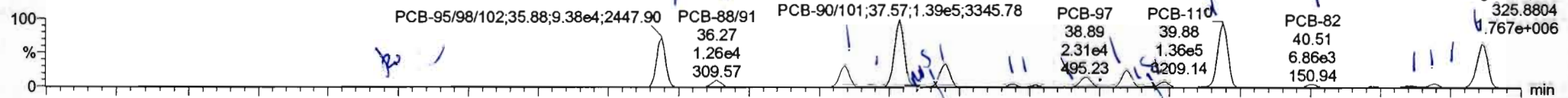
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

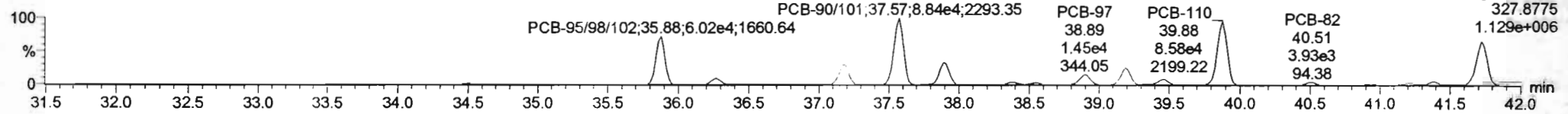
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-104**

200615K1\_9

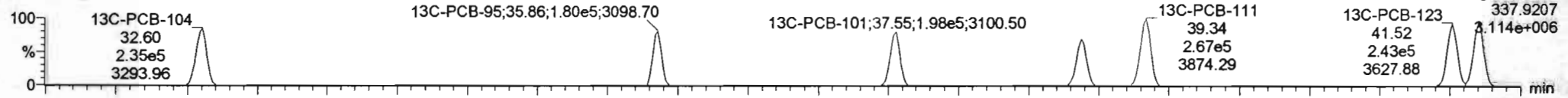


200615K1\_9

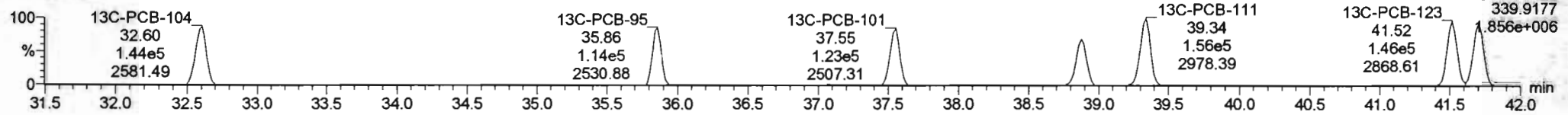


**13C-PCB-104**

200615K1\_9

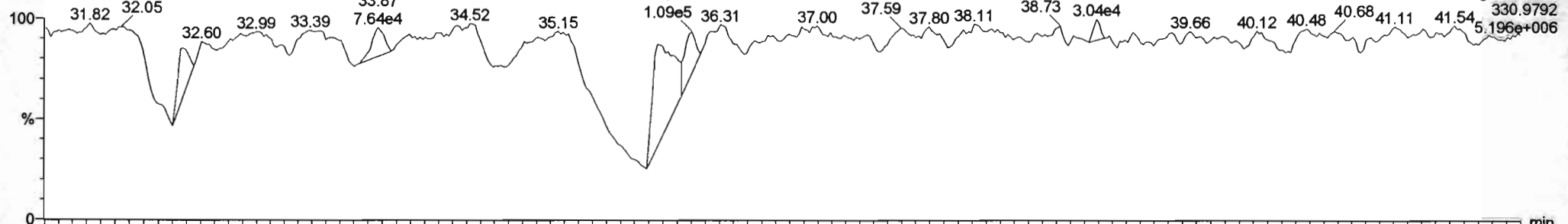


200615K1\_9



**PFK3b**

200615K1\_9





Dataset: Untitled

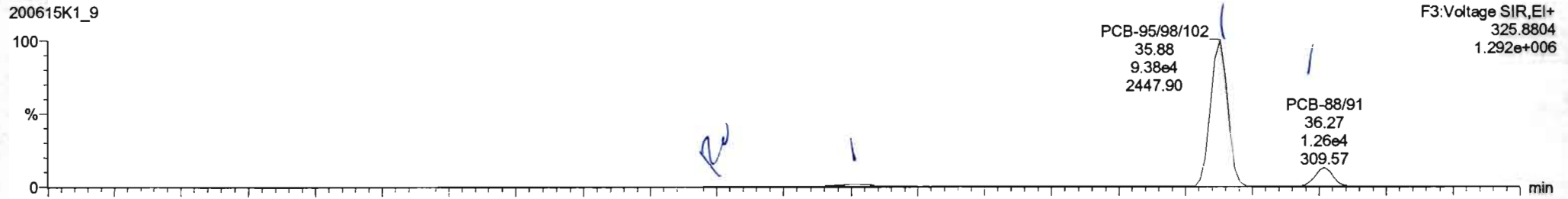
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

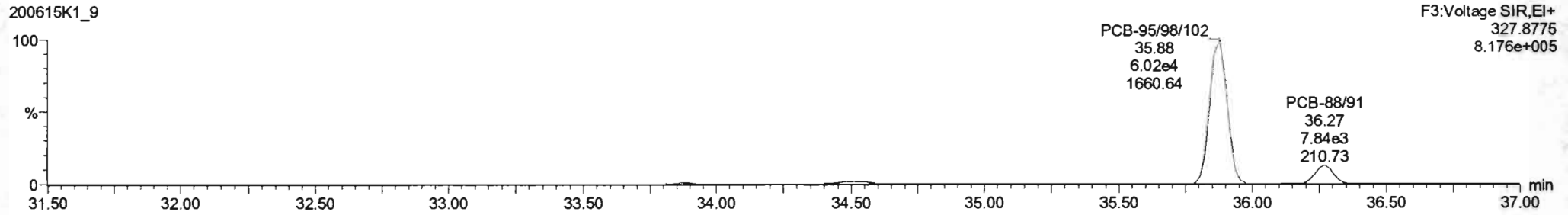
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-96**

200615K1\_9

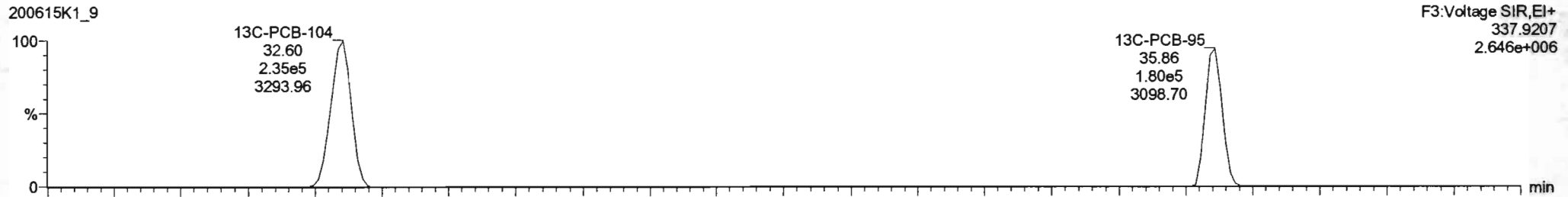


200615K1\_9

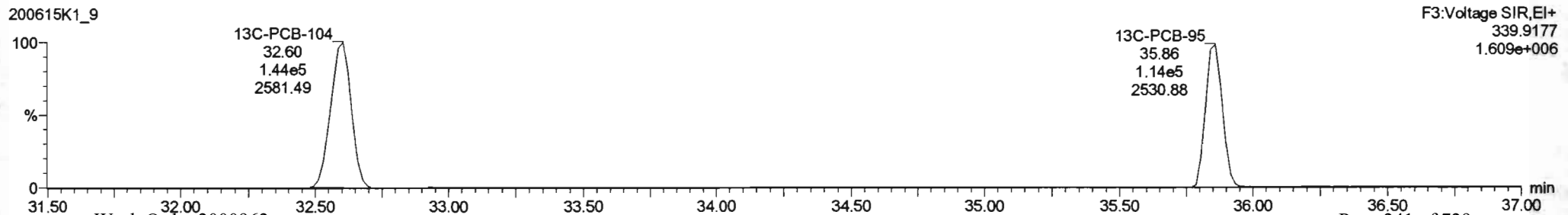


**13C-PCB-95**

200615K1\_9

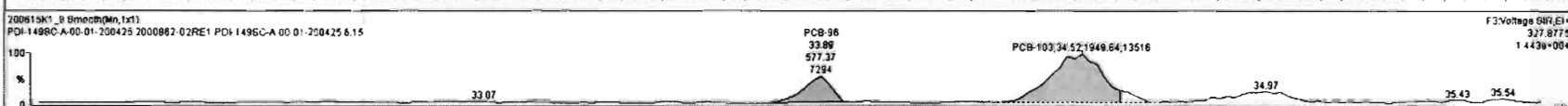
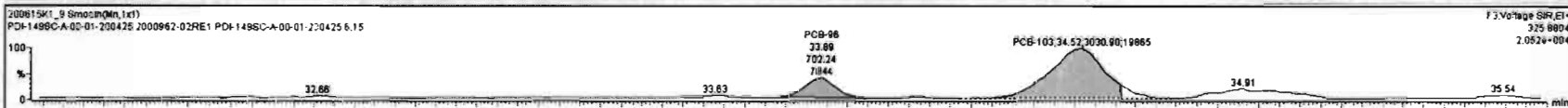


200615K1\_9



#	Name	Resp	RA	nly	RFI	wVal	Prod.RT	RT	Prod.RL	RRT	RRT Fail	Conc	%Rec	DL	EMPC
222	13C-PCB-79	7.10e5	0.77	NO	1.0621	5.045	37.87	37.87	0.968	0.968	NO	2041	103	1.82	
223	13C-PCB-178	2.41e5	0.46	NO	1.0598	5.045	45.91	45.92	0.923	0.923	NO	1596	80.5	1.35	
224	Total Mono-PCBs					5.045	0.00		0.000		NO				
225	Total Di-PCBs				1.0537	5.045	0.00		0.000		NO	0.0000		117	135.4
226	2nd Function Tri-PCBs					5.045	0.00		0.000		NO				
227	3rd Function Tri-PCBs				0.9828	5.045	0.00		0.000		NO	591.2		20.8	611.7
228	Total Tetra-PCBs				1.0778	5.045	0.00		0.000		NO	2491		202	2480
229	2nd Function Penta-PCBs				1.3157	5.045	0.00		0.000		NO	5428		29.8	5425
230	4th Function Penta-PCBs				1.0735	5.045	0.00		0.000		NO	225.2		4.40	236.7
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.000		NO	2894		6.50	2708

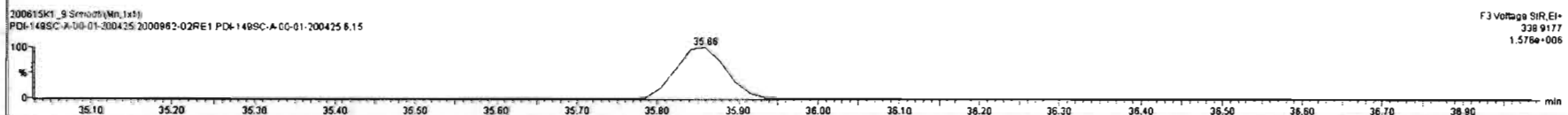
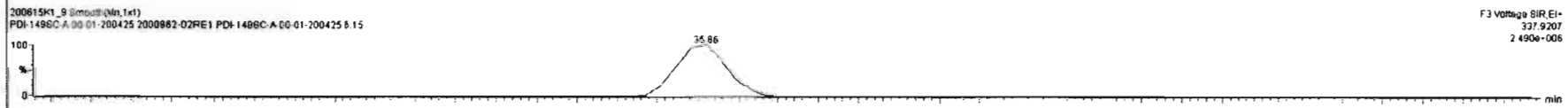
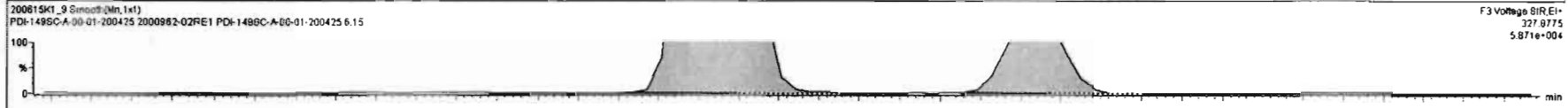
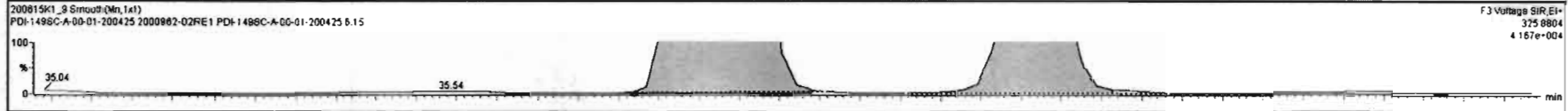
#	Name	Prod.RT	RT	id Resp	id2 Resp	1* Ratio (Prod)	RA	nly	EMPC	Conc
1	85 PCB-96	33.95	33.89	7.022e2	5.774e2	1.560	1.22	YES	5.2300	0.00000
2	86 PCB-100	34.51	34.52	3.031e3	1.850e3	1.560	1.65	NO	27.848	27.848
3	89 PCB-9598102	35.82	35.80	9.393e4	8.034e4	1.560	1.58	NO	864.58	864.58
4	71 PCB-8891	36.29	36.27	1.246e4	7.908e3	1.560	1.57	NO	129.10	129.10
5	73 PCB-8492	37.19	37.18	4.385e4	2.782e4	1.560	1.57	NO	434.81	434.81
6	74 PCB-89	37.36	37.35	7.894e2	4.546e2	1.560	1.74	NO	6.8375	6.8375
7	75 PCB-80101	37.57	37.57	1.385e5	8.872e4	1.560	1.57	NO	1253.0	1253.0
8	76 PCB-113	37.81	37.80	4.043e2	1.920e2	1.560	2.11	YES	2.0005	0.00000



200615K1\_9\_Smooth(Mn,1st) PDI-1498C-A-00-01-200425 6.15

#	Name	Resp	RA	n/y	RRF	wAve	Pred.R1	RT	Pred.R	RRT	RRT1	RRT1	Conc	%Rec	DL	dBPC
222	13C-PCB-79	7.10e5	0.77	NO	1.0921	5.045	37.87	37.87	0.969	0.969	NO	2041	103	1.82		
223	13C-PCB-178	2.41e5	0.46	NO	1.0500	5.045	45.91	45.92	0.923	0.923	NO	1596	60.5	1.35		
224	Total Mono-PCBs					5.045	0.00		0.000		NO					
225	Total Di-PCBs				1.0537	5.045	0.00		0.000		NO	0.0000		117	135.4	
226	2nd Function Tri-PCBs					5.045	0.00		0.000		NO					
227	3rd Function Tri-PCBs				0.9928	5.045	0.00		0.000		NO	561.2		20.8	611.7	
228	Total Tetra-PCBs				1.0778	5.045	0.00		0.000		NO	2491		202	2490	
229	3rd Function Penta-PCBs				1.3157	5.045	0.00		0.000		NO	5426		23.8	5435	
230	4th Function Penta-PCBs				1.0735	5.045	0.00		0.000		NO	225.2		4.40	236.7	
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.000		NO	2694		6.80	2708	

#	Name	Pred.R1	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	dBPC	Conc.
1	95 PCB-86	33.95	33.89	7.022e2	5.774e2	1.580	1.22	YES	5.2300	0.000000
2	86 PCB-103	34.51	34.52	3.031e3	1.850e3	1.580	1.55	NO	27.848	27.848
3	89 PCB-95/98/102	35.82	35.88	9.363e4	6.034e4	1.580	1.56	NO	864.58	864.58
4	71 PCB-80/91	36.29	36.27	1.246e4	7.909e3	1.580	1.57	NO	129.10	129.10
5	73 PCB-84/82	37.19	37.18	4.385e4	2.792e4	1.580	1.57	NO	434.81	434.81
6	74 PCB-89	37.36	37.35	7.864e2	4.546e2	1.580	1.74	NO	6.9375	6.9375
7	75 PCB-90/101	37.57	37.57	1.385e5	8.872e4	1.580	1.57	NO	1253.0	1253.0
8	76 PCB-113	37.81	37.80	4.043e2	1.920e2	1.580	2.11	YES	2.0005	0.000000



Dataset: Untitled

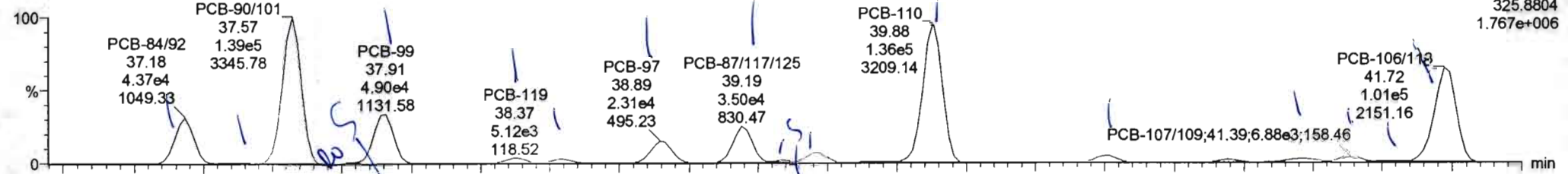
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

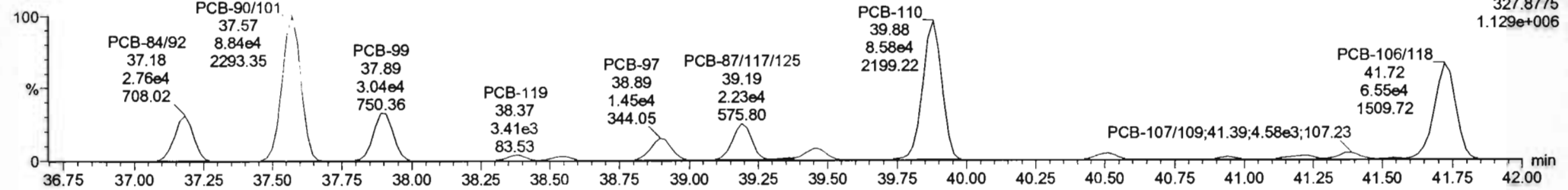
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

PCB-119

200615K1\_9

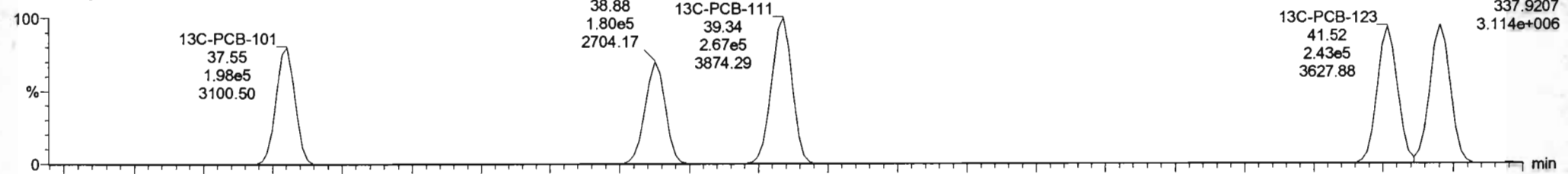


200615K1\_9

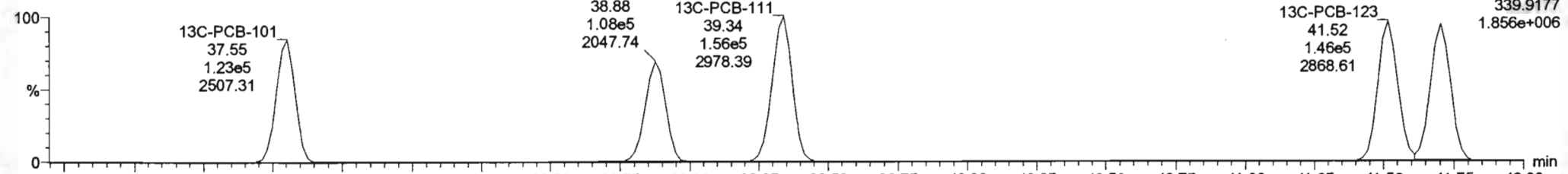


13C-PCB-111

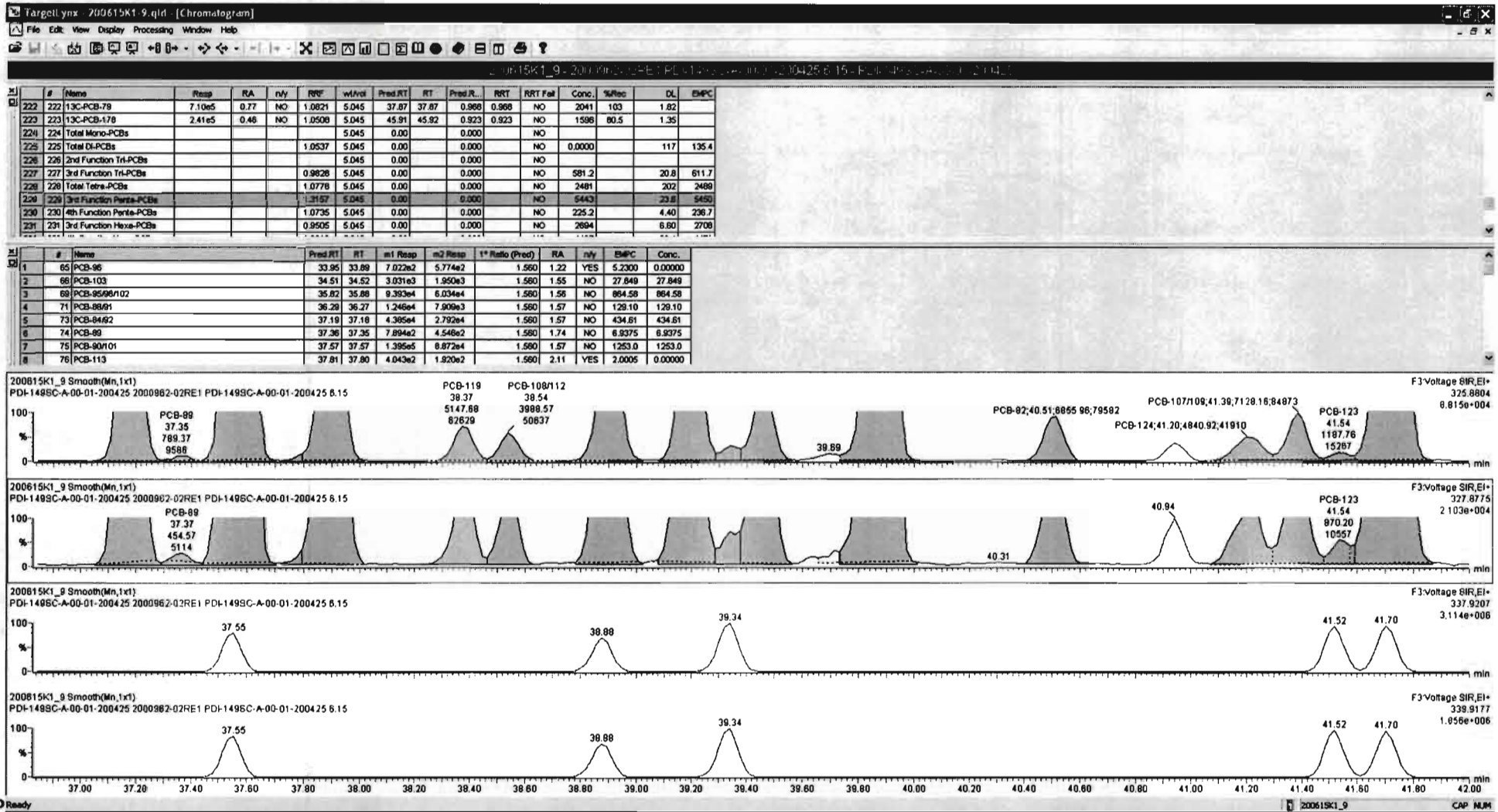
200615K1\_9



200615K1\_9







Dataset: Untitled

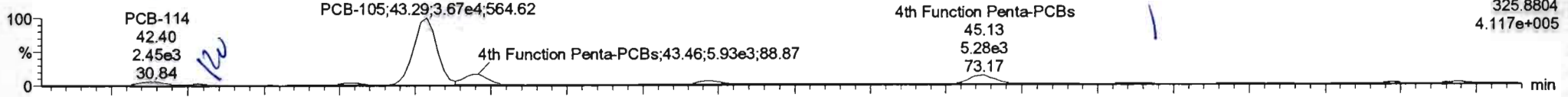
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

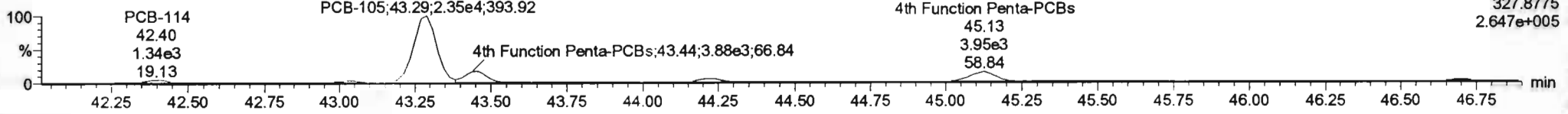
**PCB-114**

200615K1\_9



F4:Voltage SIR,EI+  
325.8804  
4.117e+005

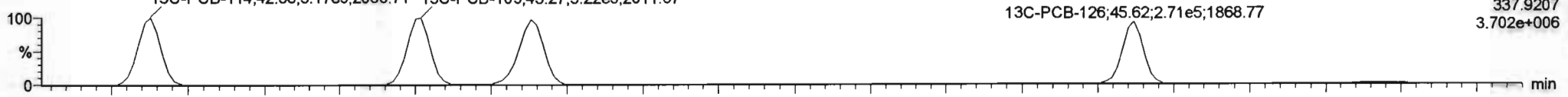
200615K1\_9



F4:Voltage SIR,EI+  
327.8775  
2.647e+005

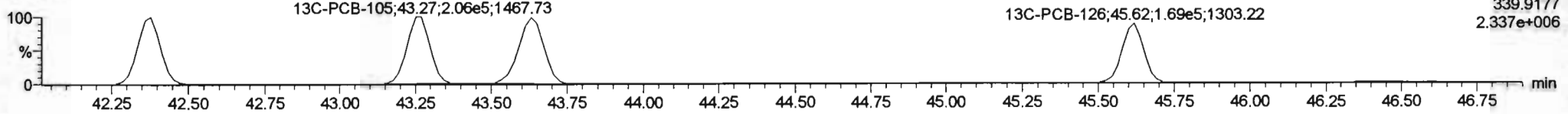
**13C-PCB-114**

200615K1\_9



F4:Voltage SIR,EI+  
337.9207  
3.702e+006

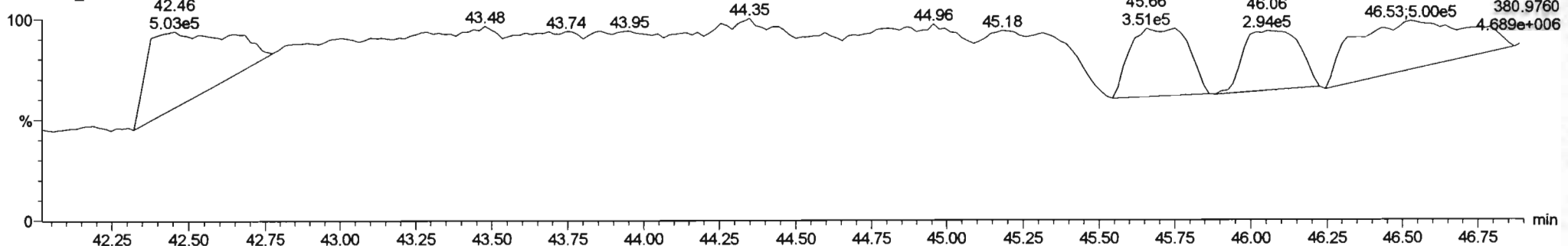
200615K1\_9



F4:Voltage SIR,EI+  
339.9177  
2.337e+006

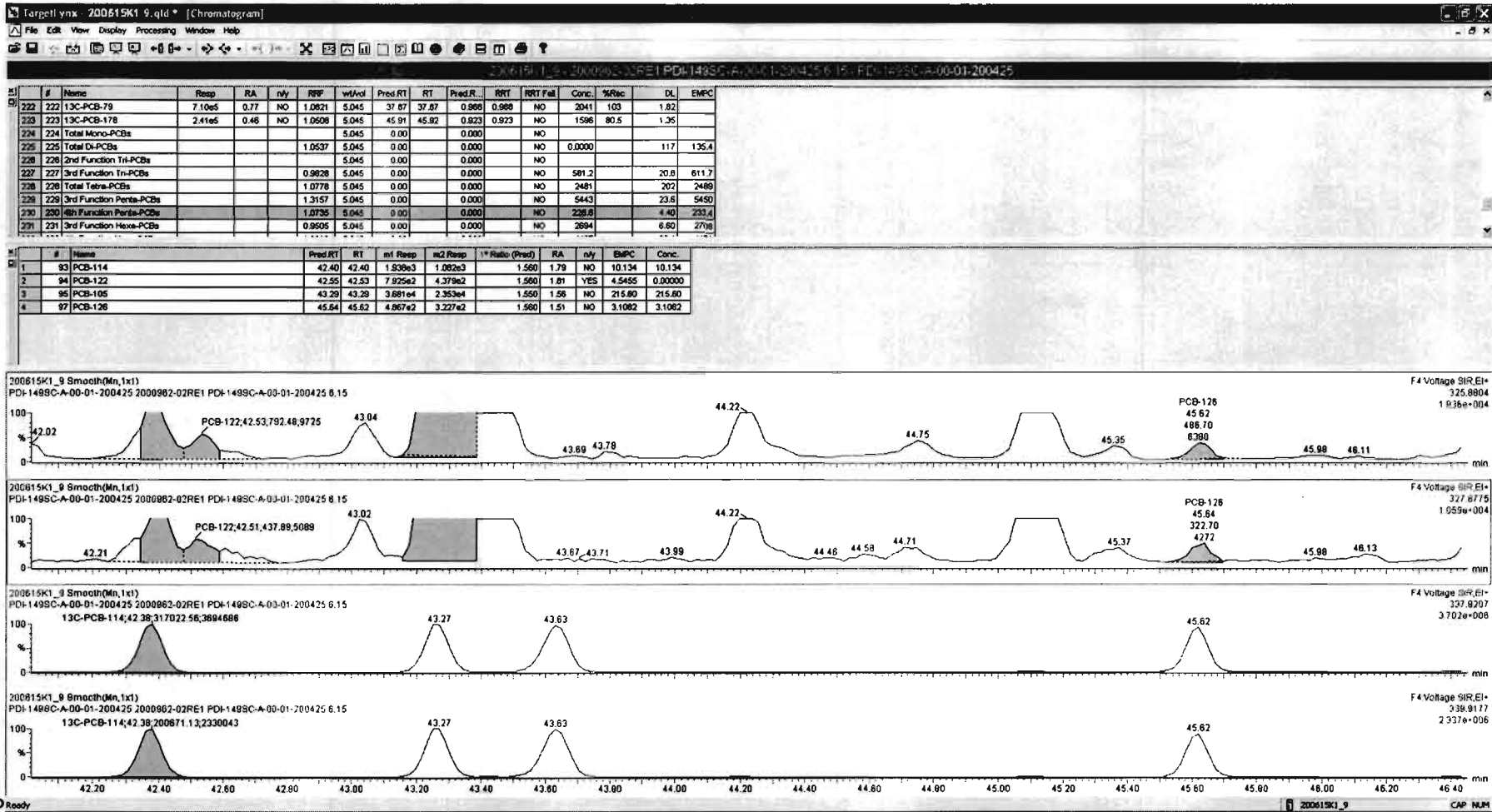
**PFK4a**

200615K1\_9



F4:Voltage SIR,EI+  
380.9760  
4.689e+006





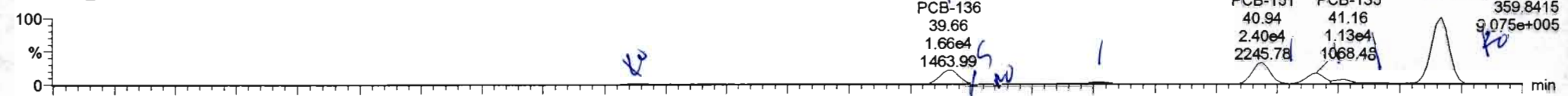
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

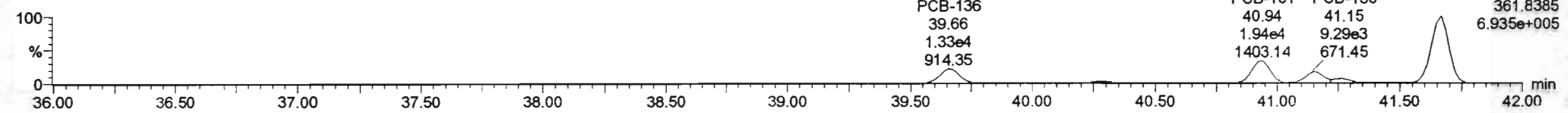
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-155**

200615K1\_9

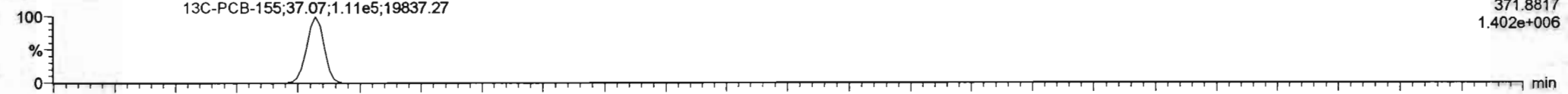


200615K1\_9

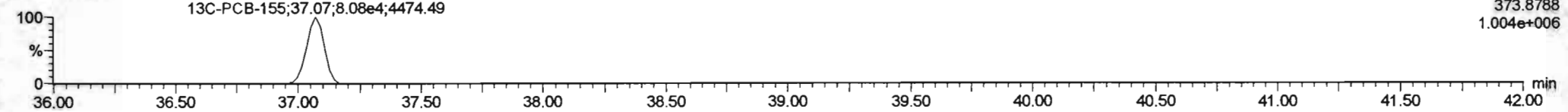


**13C-PCB-155**

200615K1\_9

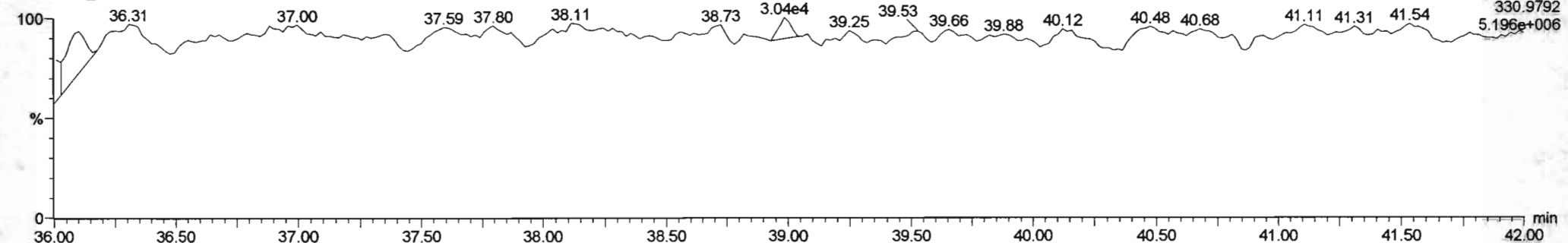


200615K1\_9



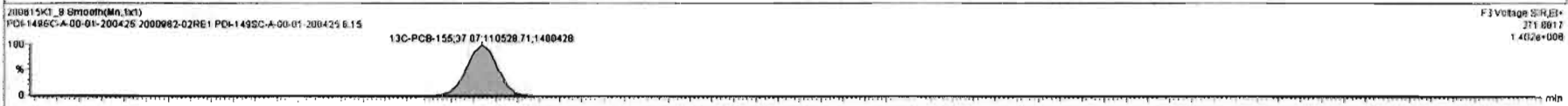
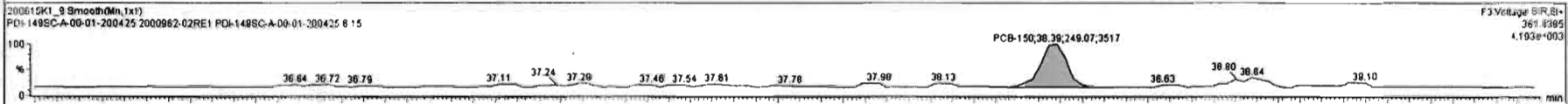
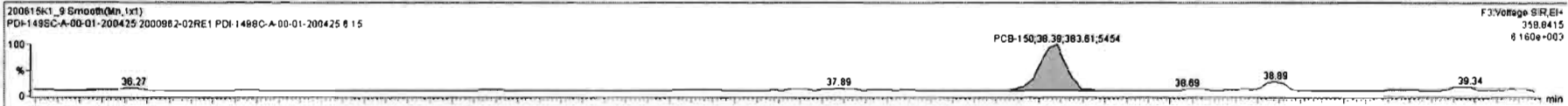
**PFK3c**

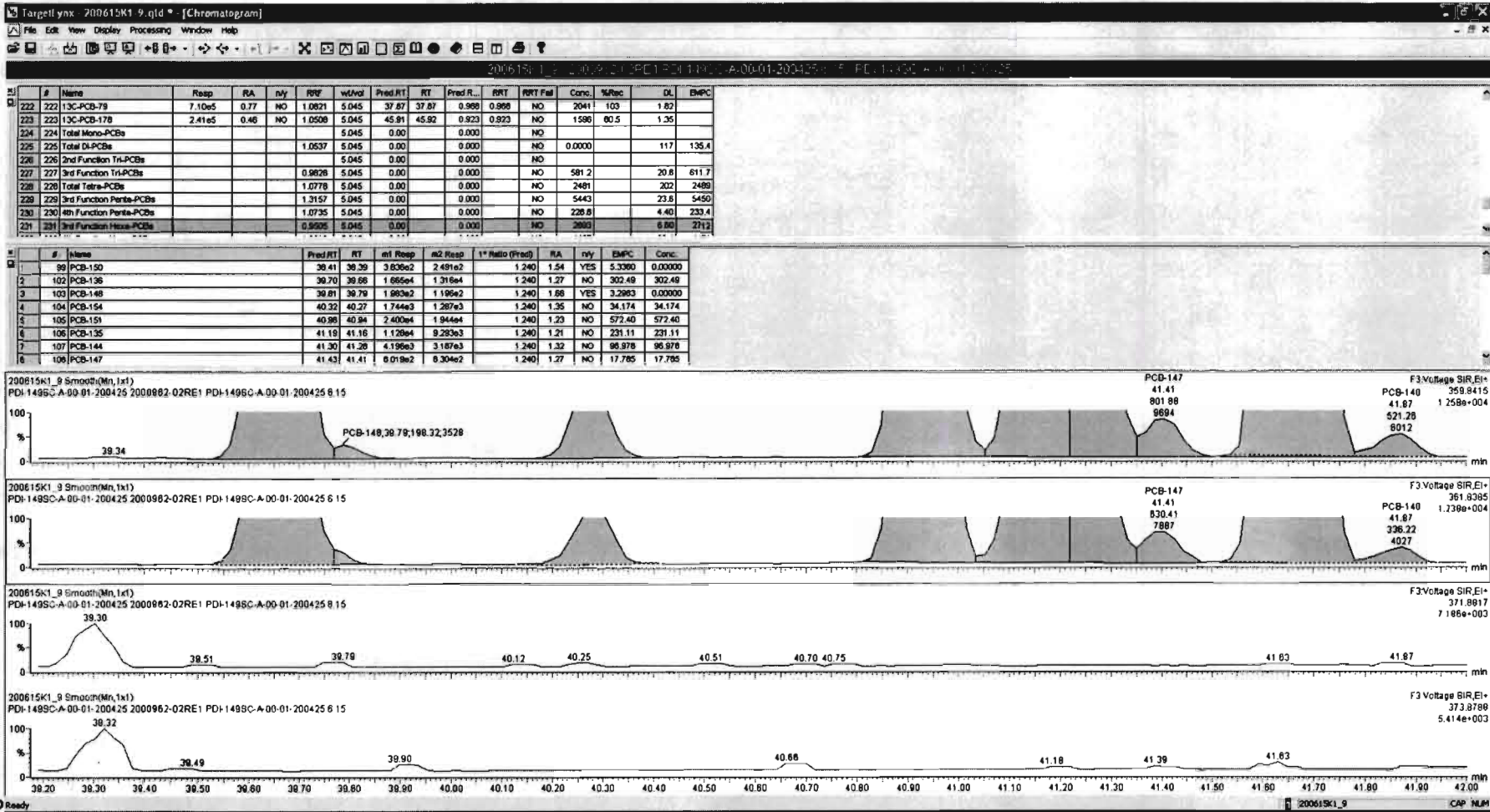
200615K1\_9



#	Name	Resp	RA	nly	RRF	wAve	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	7.10e5	0.77	NO	1.0821	5.045	37.87	37.87	0.988	0.988	NO	2041	103	1.82	
223	13C-PCB-176	2.41e5	0.46	NO	1.0508	5.045	45.91	45.82	0.823	0.823	NO	1598	80.5	1.36	
224	Total Mono-PCBs					5.045	0.00		0.000		NO				
225	Total Di-PCBs				1.0537	5.045	0.00		0.000		NO	0.0000		117	135.4
226	2nd Function Tri-PCBs					5.045	0.00		0.000		NO				
227	3rd Function Tri-PCBs				0.9828	5.045	0.00		0.000		NO	581.2		20.8	611.7
228	Total Tetra-PCBs				1.0778	5.045	0.00		0.000		NO	2481		202	2489
229	3rd Function Penta-PCBs				1.3167	5.045	0.00		0.000		NO	6443		23.6	6450
230	4th Function Penta-PCBs				1.0735	5.045	0.00		0.000		NO	226.8		4.40	233.4
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.000		NO	2694		6.60	2708

#	Name	Pred RT	RT	m1 Resp	m2 Resp	* Ratio (Pred)	RA	nly	EMPC	Conc.
99	PCB-150	36.41	36.39	3.836e2	2.491e2	1.240	1.54	YES	5.3360	0.00000
102	PCB-136	39.70	39.68	1.865e4	1.328e4	1.240	1.25	NO	303.73	303.73
104	PCB-154	40.32	40.27	1.744e3	1.298e3	1.240	1.34	NO	34.310	34.310
105	PCB-151	40.38	40.34	2.400e4	1.944e4	1.240	1.23	NO	572.40	572.40
106	PCB-135	41.18	41.16	1.128e4	9.283e3	1.240	1.21	NO	231.11	231.11
107	PCB-144	41.30	41.28	4.199e3	3.187e3	1.240	1.32	NO	98.978	98.978
108	PCB-147	41.43	41.41	8.019e2	6.304e2	1.240	1.27	NO	17.785	17.785
109	PCB-138/149	41.72	41.67	7.504e4	5.842e4	1.240	1.33	NO	1437.2	1437.2





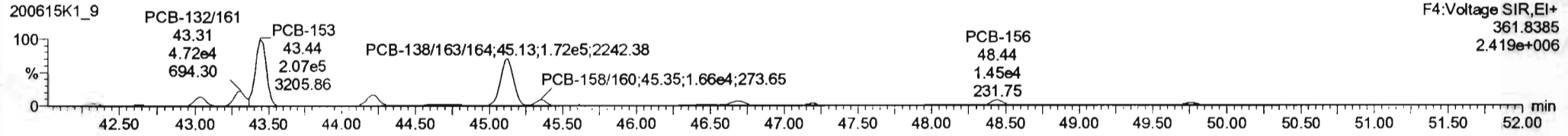
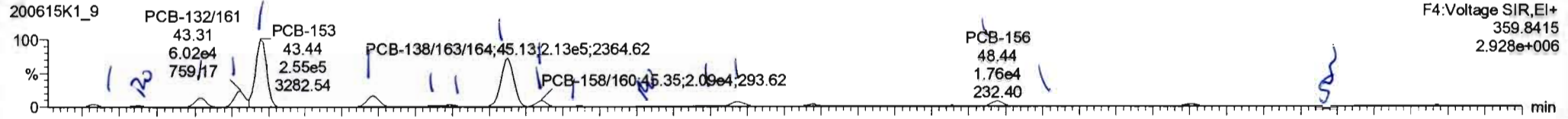


Dataset: Untitled

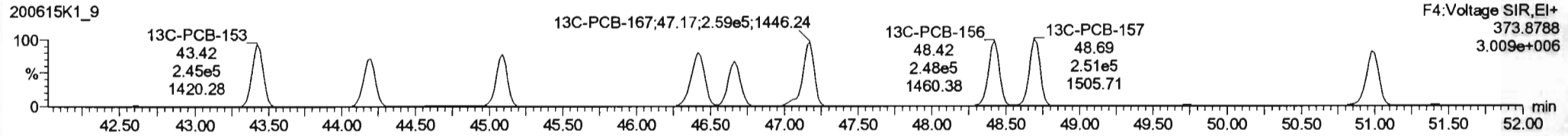
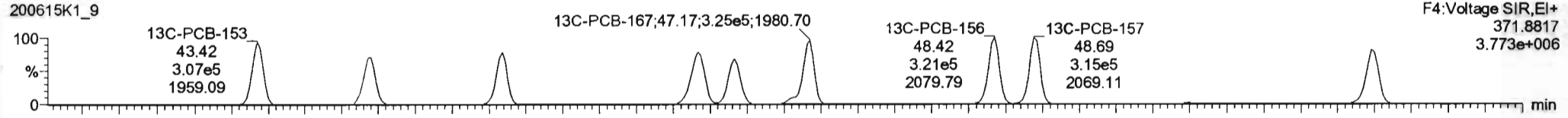
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

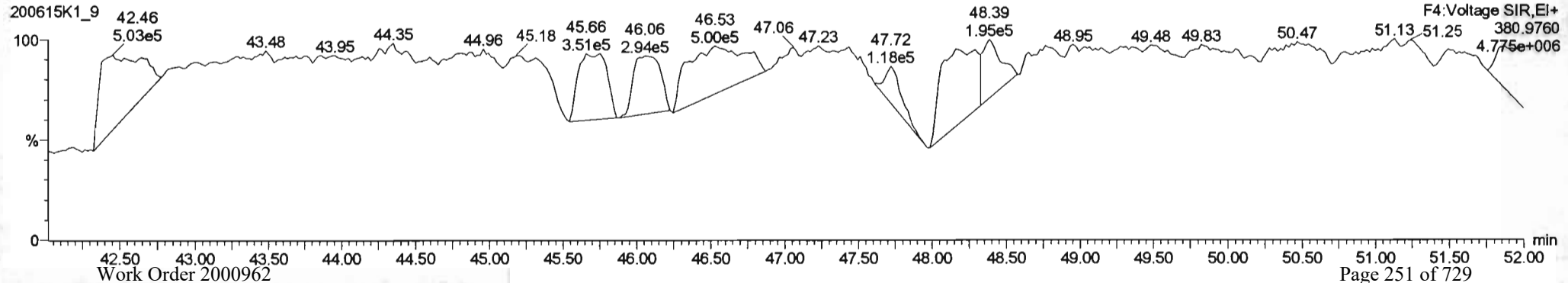
**PCB-134/143**



**13C-PCB-153**



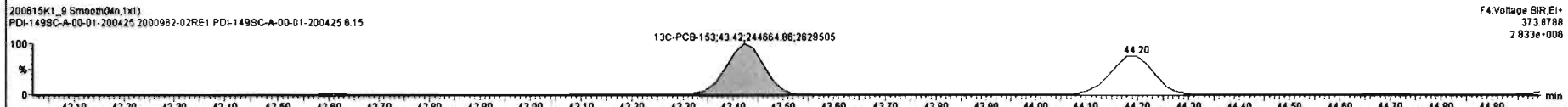
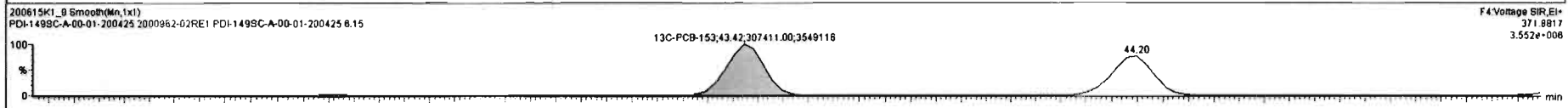
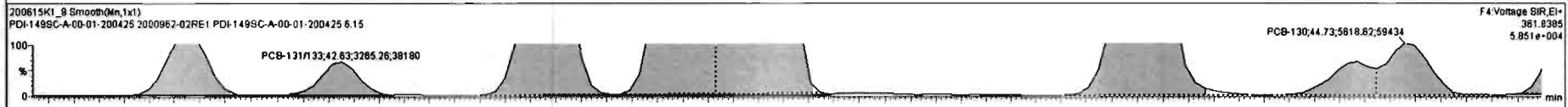
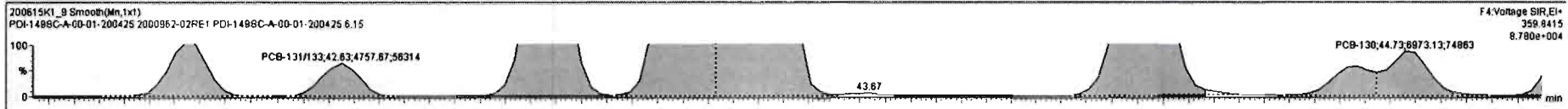
**PFK4b**





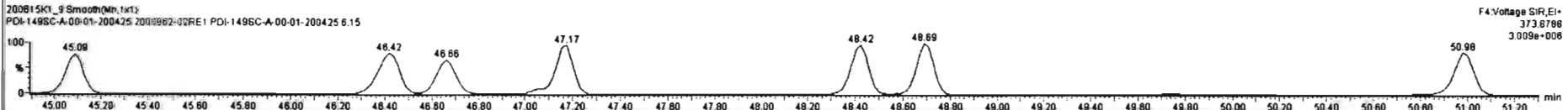
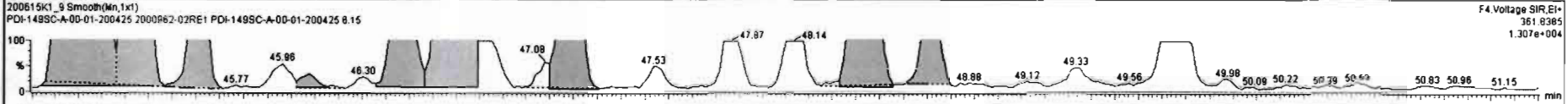
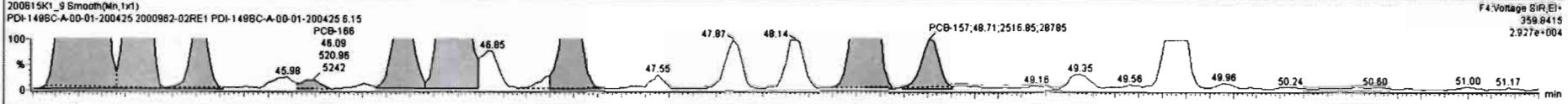
#	Name	Resp	RA	n/y	R/R	w/wrd	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	7.10e5	0.77	NO	1.0021	5.045	37.87	37.87	0.969	0.968	NO	2041	103	1.82	
223	13C-PCB-178	2.41e5	0.46	NO	1.0508	5.045	45.91	45.92	0.923	0.923	NO	1598	80.5	1.35	
224	Total Mono-PCBs					5.045	0.00		0.000		NO				
225	Total Di-PCBs				1.0537	5.045	0.00		0.000		NO	0.0000		117	135.4
226	2nd Function Tri-PCBs					5.045	0.00		0.000		NO				
227	3rd Function Tri-PCBs				0.9828	5.045	0.00		0.000		NO	581.2		20.8	811.7
228	Total Tetra-PCBs				1.0778	5.045	0.00		0.000		NO	2491		202	2488
229	3rd Function Penta-PCBs				1.3157	5.045	0.00		0.000		NO	5443		23.6	5450
230	4th Function Penta-PCBs				1.0735	5.045	0.00		0.000		NO	238.8		4.40	233.4
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.000		NO	2693		6.80	271.2

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.33	42.32	8.016e3	6.578e3	1.240	1.22	NO	89.037	89.037
2	112 PCB-131/133	42.83	42.83	4.758e3	3.265e3	1.240	1.46	YES	31.898	0.00000
3	114 PCB-146/165	43.02	43.04	3.405e4	2.870e4	1.240	1.19	NO	221.84	221.84
4	115 PCB-132/161	43.28	43.31	6.019e4	4.746e4	1.240	1.27	NO	377.42	377.42
5	116 PCB-153	43.44	43.44	2.553e5	2.076e5	1.240	1.23	NO	1552.5	1552.5
6	118 PCB-141	44.22	44.22	4.468e4	3.723e4	1.240	1.20	NO	347.79	347.79
7	119 PCB-137	44.62	44.63	4.491e3	3.491e3	1.240	1.28	NO	31.344	31.344
8	120 PCB-130	44.72	44.73	6.973e3	5.819e3	1.240	1.24	NO	62.011	62.011



#	Name	Resp	RA	n/y	RRF	wh/dl	Pred RT	RT	Pred R...	RR1	RR1 Fail	Conc.	%Rec	DL	EWPC
222	222 13C-PCB-79	7.10e5	0.77	NO	1.0821	5.045	37.87	37.87	0.968	0.968	NO	2041	103	1.82	
223	223 13C-PCB-178	2.41e5	0.48	NO	1.0508	5.045	45.91	45.92	0.923	0.923	NO	1598	80.5	1.35	
224	224 Total Mono-PCBs					5.045	0.00		0.000		NO				
225	225 Total Di-PCBs				1.0537	5.045	0.00		0.000		NO	0.0000		117	135.4
226	226 2nd Function Tri-PCBs					5.045	0.00		0.000		NO				
227	227 3rd Function Tri-PCBs				0.9828	5.045	0.00		0.000		NO	581.2		20.8	811.7
228	228 Total Tetra-PCBs				1.0778	5.045	0.00		0.000		NO	2481		202	2489
229	229 3rd Function Penta-PCBs				1.3157	5.045	0.00		0.000		NO	5443		23.8	5450
230	230 4th Function Penta-PCBs				1.0735	5.045	0.00		0.000		NO	228.8		4.40	233.4
231	231 3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.000		NO	2683		8.80	2712

#	Name	Pred RT	RT	Int Resp	m2 Resp	1st Ratio (Pred)	RA	n/y	EWPC	Conc
1	111 PCB-134/143	42.33	42.32	8.016e3	6.576e3	1.240	1.22	NO	89.037	89.037
2	112 PCB-131/133	42.83	42.83	4.759e3	3.285e3	1.240	1.48	YES	31.996	0.00000
3	114 PCB-146/185	43.02	43.04	3.405e4	2.870e4	1.240	1.19	NO	221.64	221.64
4	115 PCB-132/181	43.26	43.31	6.019e4	4.746e4	1.240	1.27	NO	377.42	377.42
5	116 PCB-153	43.44	43.44	2.553e5	2.078e5	1.240	1.23	NO	1552.5	1552.5
6	118 PCB-141	44.22	44.22	4.486e4	3.722e4	1.240	1.20	NO	347.79	347.79
7	119 PCB-137	44.82	44.83	4.481e3	3.491e3	1.240	1.28	NO	31.344	31.344
8	120 PCB-130	44.72	44.73	6.973e3	5.619e3	1.240	1.24	NO	82.011	82.011



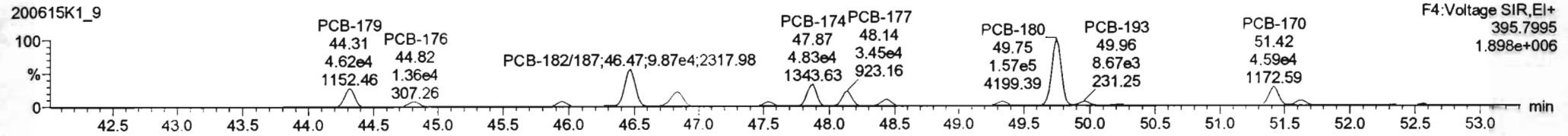
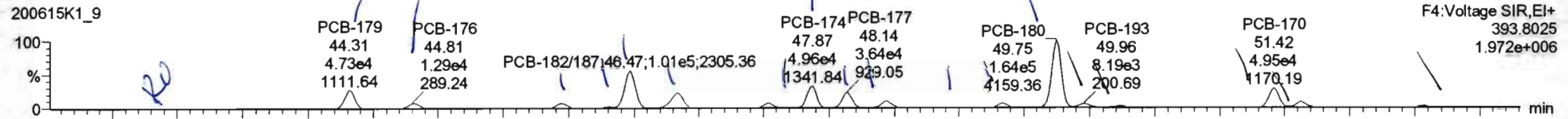
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

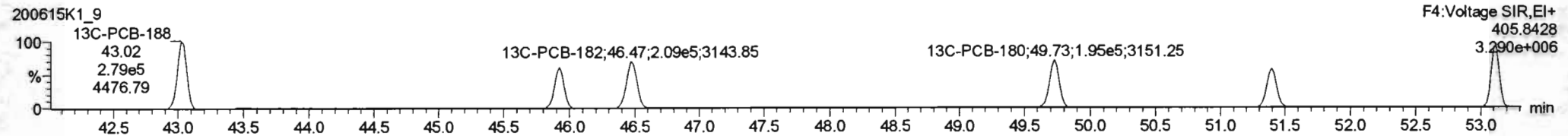
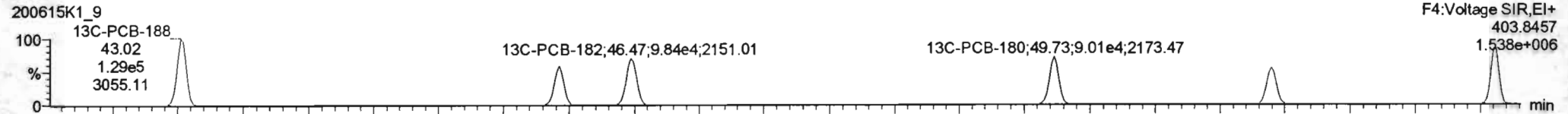
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

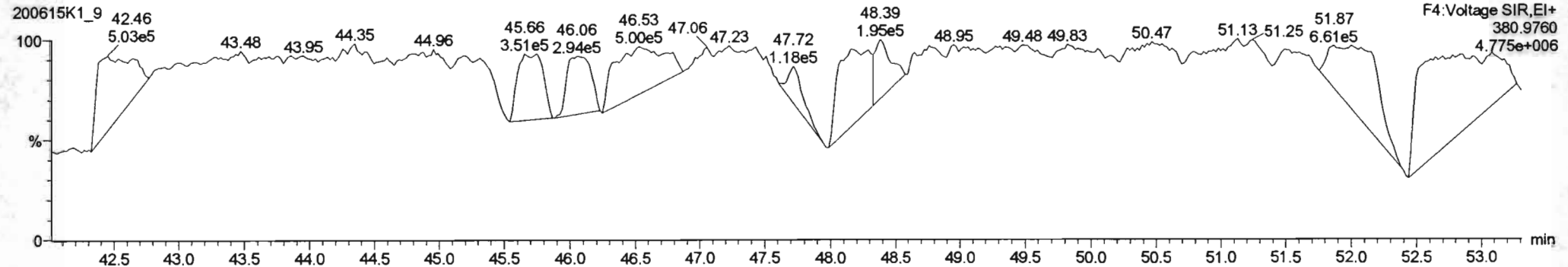
**PCB-188**



**13C-PCB-188**



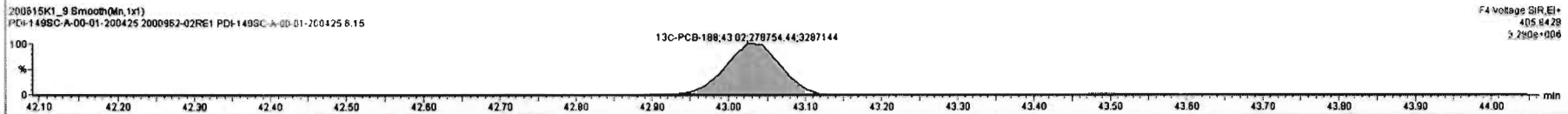
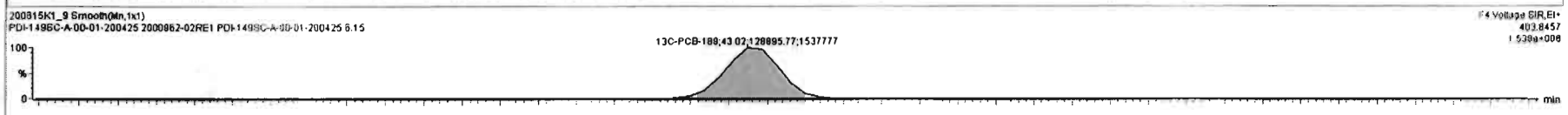
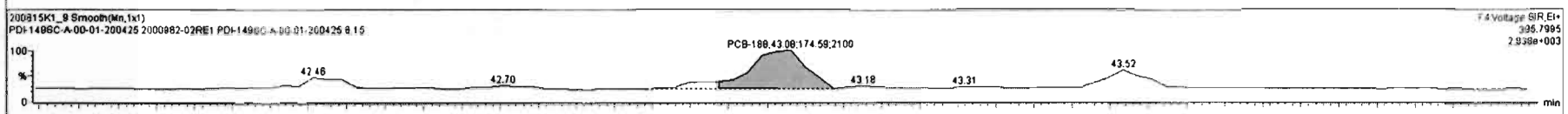
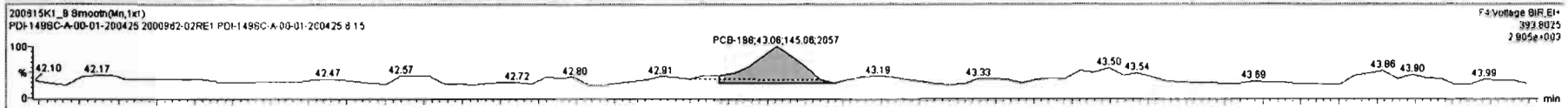
**PFK4c**

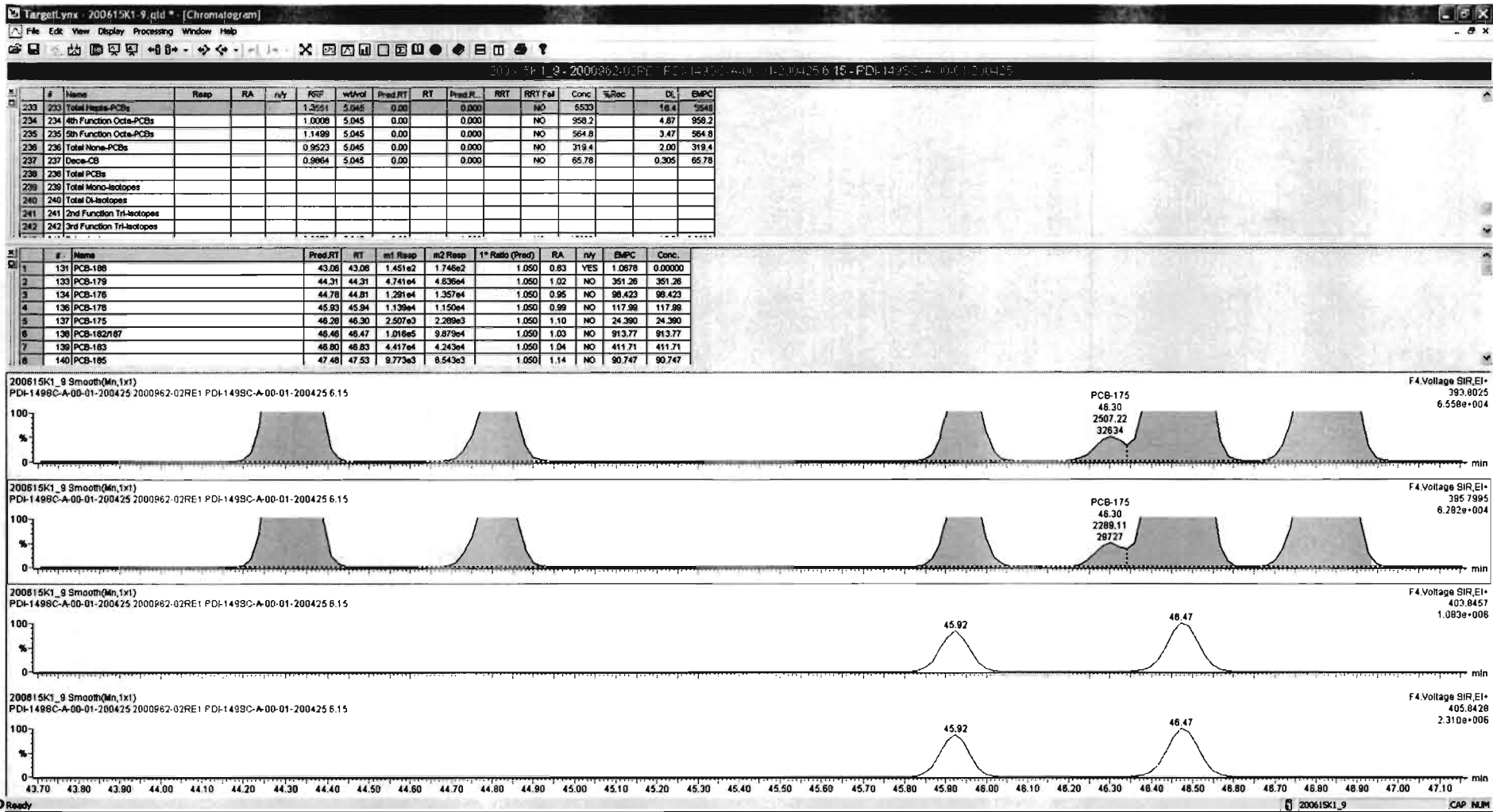




#	Name	Rec'd	RA	n/y	RPD	Wt/Vol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	230 Total Hepta-PCBs				1.3551	5.045	0.00		0.000		NO	5533		16.4	5540
234	234 4th Function Octa-PCBs				1.0006	5.045	0.00		0.000		NO	959.2		4.67	958.2
235	235 5th Function Octa-PCBs				1.1499	5.045	0.00		0.000		NO	564.8		3.47	564.8
236	236 Total Nona-PCBs				0.9523	5.045	0.00		0.000		NO	319.4		2.00	319.4
237	237 Deca-CB				0.9964	5.045	0.00		0.000		NO	65.78		0.305	65.78
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														
241	241 2nd Function Tri-isotopes														
242	242 3rd Function Tri-isotopes														

#	Name	Pred RT	RT	Int. Resp	Int2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	131 PCB-188	43.06	43.06	1.451e2	1.748e2	1.050	0.83	YES	1.0878	0.00000
2	133 PCB-178	44.31	44.31	4.741e4	4.836e4	1.050	1.02	NO	351.26	351.26
3	134 PCB-176	44.78	44.81	1.291e4	1.357e4	1.050	0.95	NO	98.423	98.423
4	136 PCB-178	45.93	45.94	1.139e4	1.150e4	1.050	0.98	NO	117.99	117.99
5	137 PCB-175	46.29	46.30	2.507e3	2.269e3	1.050	1.10	NO	24.380	24.380
6	138 PCB-182/187	46.46	46.47	1.016e5	9.879e4	1.050	1.03	NO	913.77	913.77
7	139 PCB-183	46.80	46.83	4.417e4	4.243e4	1.050	1.04	NO	411.71	411.71
8	140 PCB-185	47.48	47.53	9.773e3	8.543e3	1.050	1.14	NO	90.747	90.747

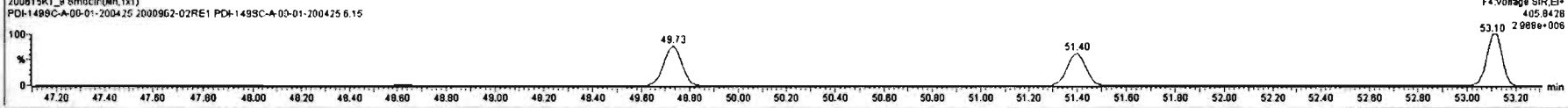
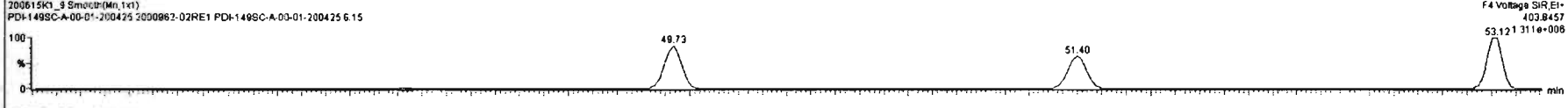
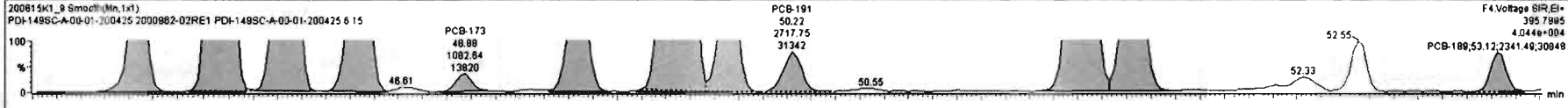
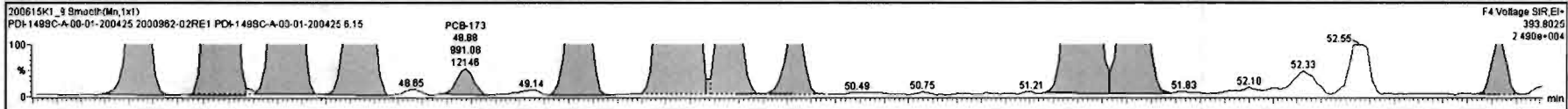






#	Name	Resp	RA	n/y	RF	wtAvd	Prod RT	RT	Prod R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	Total Hapto-PCBs				1.3551	5.045	0.00		0.000					16.4	9548
234	4th Function Octa-PCBs				1.0008	5.045	0.00		0.000		NO	958.2		4.87	958.2
235	5th Function Octa-PCBs				1.1499	5.045	0.00		0.000		NO	564.8		3.47	564.8
236	Total Nona-PCBs				0.9523	5.045	0.00		0.000		NO	319.4		2.00	319.4
237	Deca-CB				0.9864	5.045	0.00		0.000		NO	65.78		0.305	65.78
238	Total PCBs														
239	Total Mono-Isotopes														
240	Total Di-Isotopes														
241	2nd Function Tri-Isotopes														
242	3rd Function Tri-Isotopes														

#	Name	Prod RT	RT	m1 Resp	m2 Resp	** Ratio (Prod)	RA	n/y	EMPC	Conc.
11	PCB-171	48.42	48.44	1.583e4	1.552e4	1.050	1.02	NO	165.88	165.88
12	PCB-173	48.86	48.86	9.811e2	1.083e3	1.050	0.82	NO	12.137	12.137
13	PCB-172	49.33	49.33	9.100e3	9.380e3	1.050	0.97	NO	93.584	93.584
14	PCB-180	49.75	49.75	1.844e5	1.570e5	1.050	1.05	NO	1585.6	1585.6
15	PCB-183	49.96	49.96	8.312e3	8.819e3	1.050	0.94	NO	71.156	71.156
17	PCB-181	50.22	50.24	3.050e3	2.718e3	1.050	1.12	NO	23.489	23.489
18	PCB-170	51.42	51.42	4.952e4	4.593e4	1.050	1.08	NO	582.71	582.71
19	PCB-190	51.80	51.83	1.354e4	1.322e4	1.050	1.02	NO	119.42	119.42



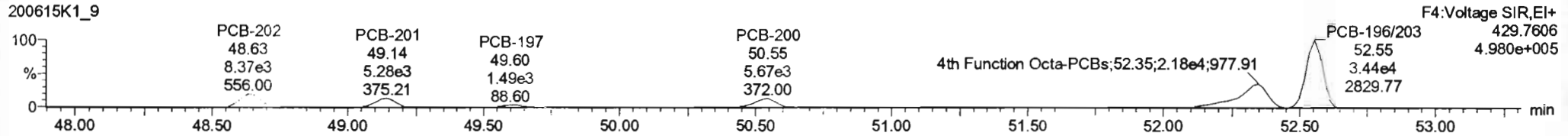
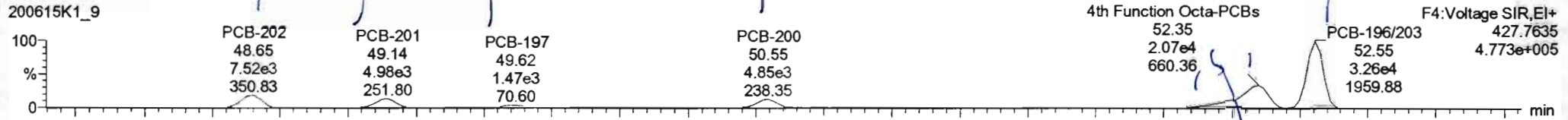
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time

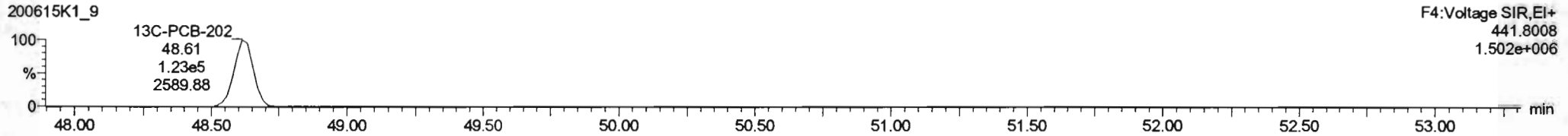
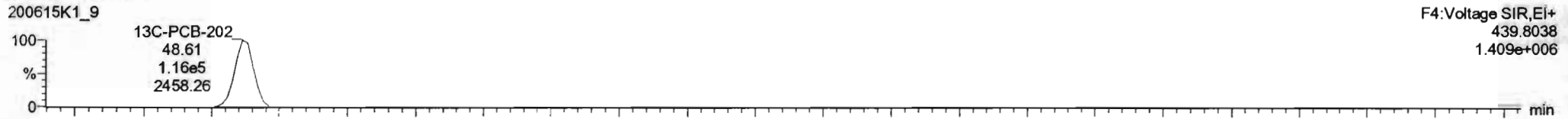
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

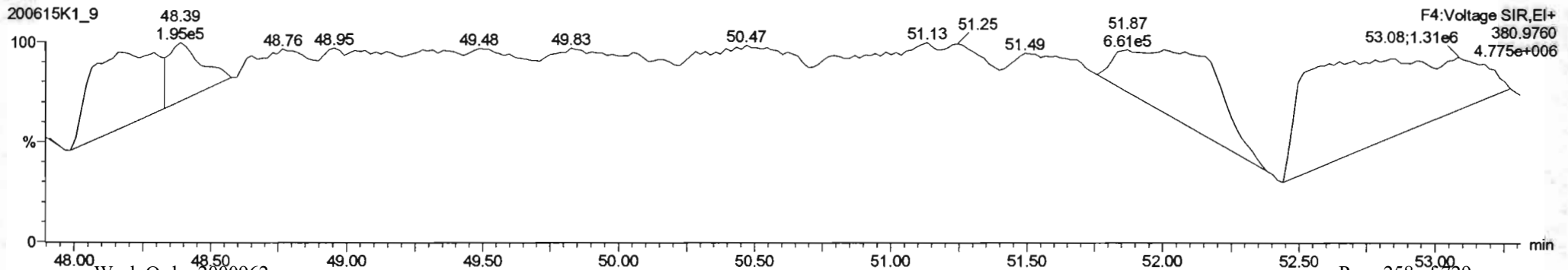
**PCB-202**



**13C-PCB-202**

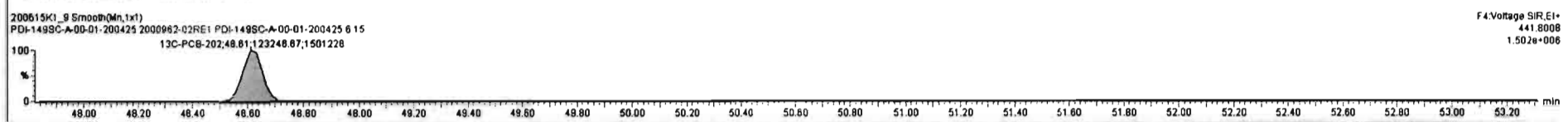
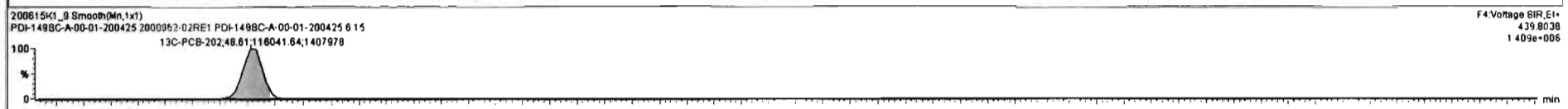
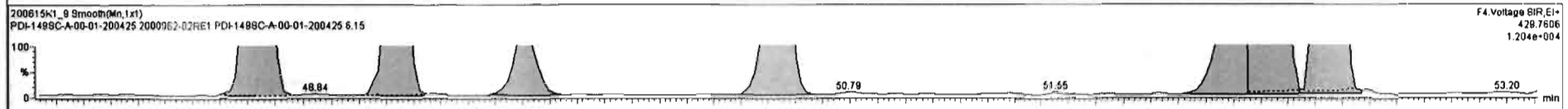
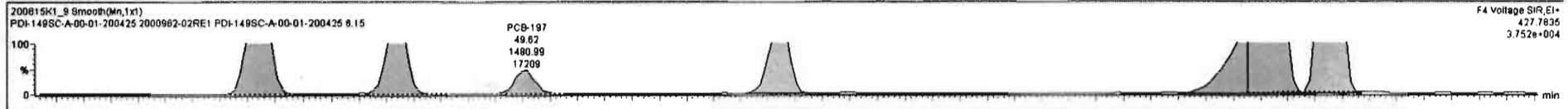


**PFK4d**



#	Name	Resp	RA	n/y	RRF	wAval	iPred RT	RT	Pred RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				1.0006	5.045	0.00		0.000		NO	1404		4.87	1404
235	235 5th Function Octa-PCBs				1.1499	5.045	0.00		0.000		NO	564.8		3.47	564.8
236	236 Total Nona-PCBs				0.9523	5.045	0.00		0.000		NO	319.4		2.00	319.4
237	237 Deca-CB				0.9864	5.045	0.00		0.000		NO	65.78		0.305	65.78
238	238 Total PCBs														
239	239 Total Mono-Isotopes														
240	240 Total Di-Isotopes														
241	241 2nd Function Tri-Isotopes														
242	242 3rd Function Tri-Isotopes														
243	243 Tetra-Isotopes				0.9678	5.045	0.00		1.000		NO	15020		15.5	0.0000

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 <sup>st</sup> Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.65	48.85	7.533e3	8.387e3	0.890	0.90	NO	112.89	112.89
2	155 PCB-201	48.14	48.14	4.989e3	5.317e3	0.890	0.94	NO	81.080	81.080
3	157 PCB-197	49.80	49.82	1.481e3	1.486e3	0.890	1.00	NO	21.897	21.897
4	158 PCB-200	50.54	50.55	4.851e3	5.572e3	0.890	0.88	NO	81.442	81.442
5	159 PCB-198	52.25	52.25	3.859e3	4.215e3	0.890	0.94	NO	85.288	85.288
6	160 PCB-199	52.35	52.35	1.898e4	1.774e4	0.890	0.96	NO	355.17	355.17
7	161 PCB-196/203	52.54	52.55	3.261e4	3.451e4	0.890	0.95	NO	666.29	666.29

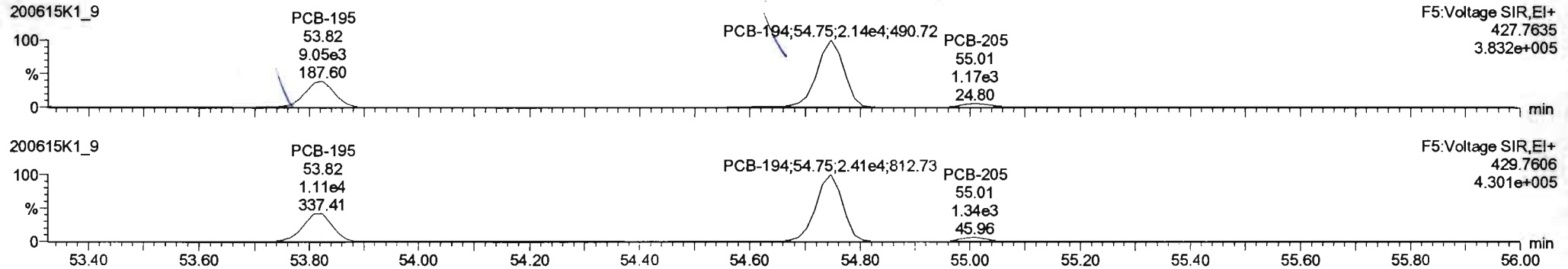


Dataset: Untitled

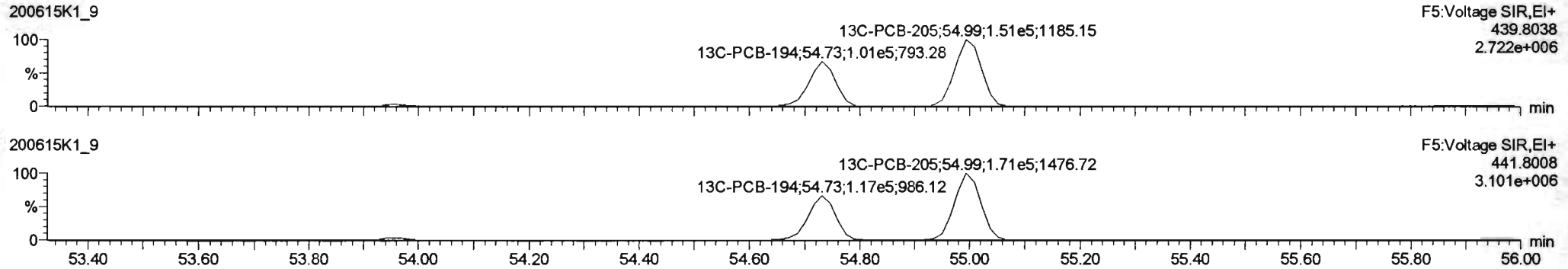
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

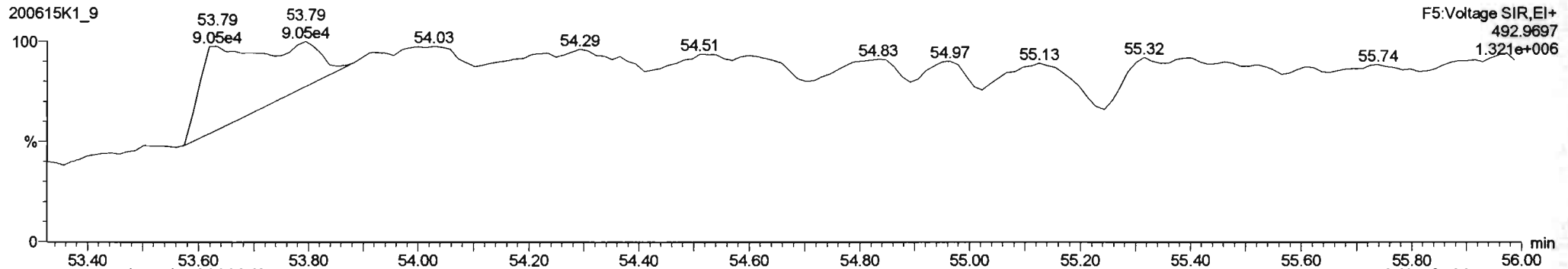
**PCB-195**



**13C-PCB-194**



**PFK5a**

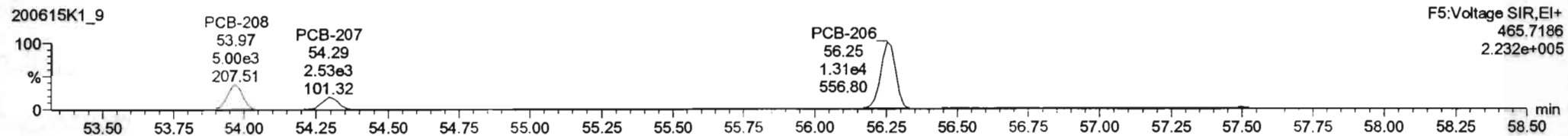
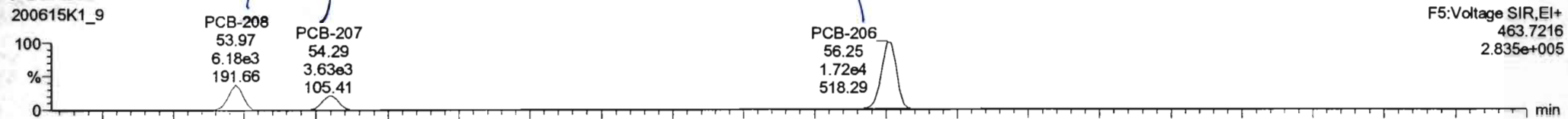


Dataset: Untitled

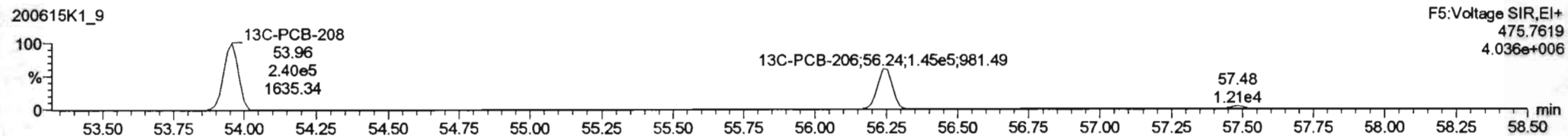
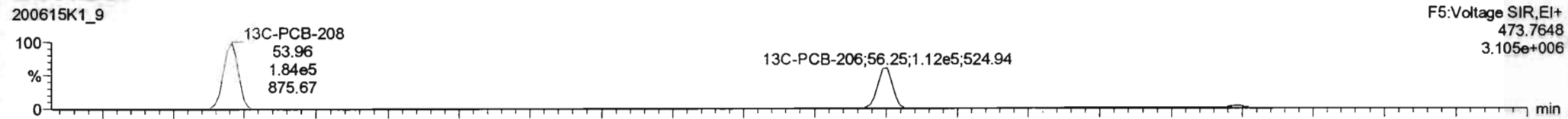
Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

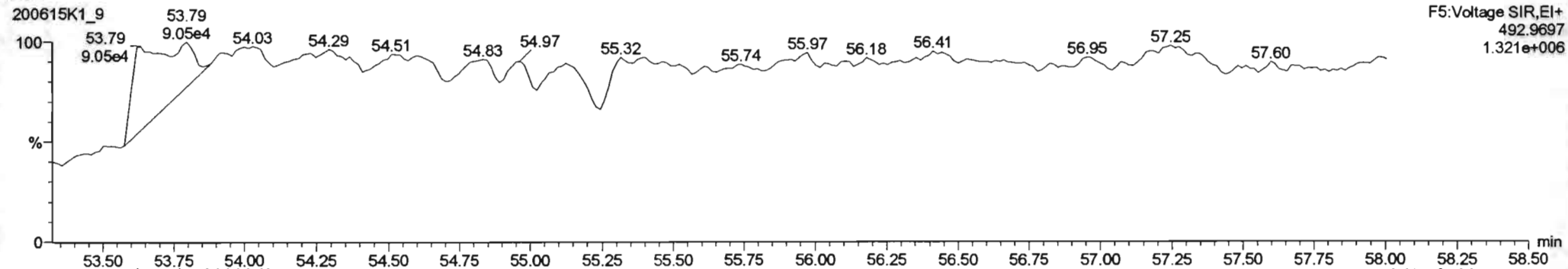
**PCB-208**



**13C-PCB-208**



**PFK5**





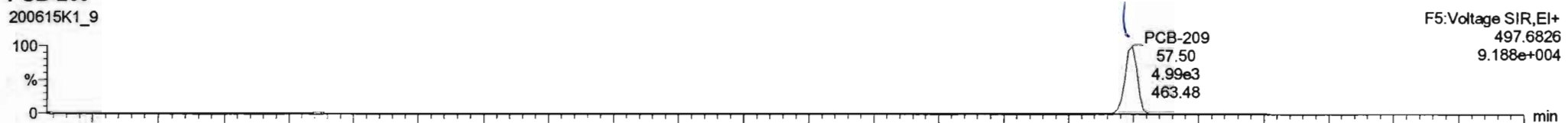
Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:16:03 Pacific Daylight Time

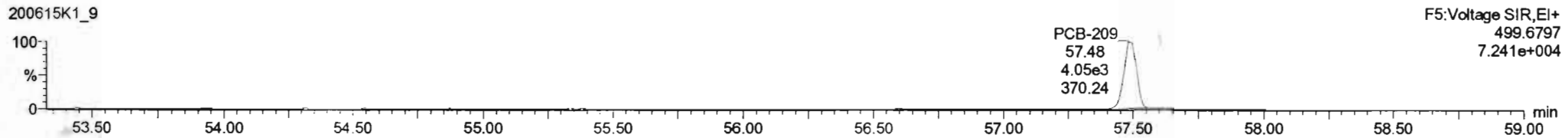
Name: 200615K1\_9, Date: 15-Jun-2020, Time: 21:00:49, ID: 2000962-02RE1 PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-209**

200615K1\_9

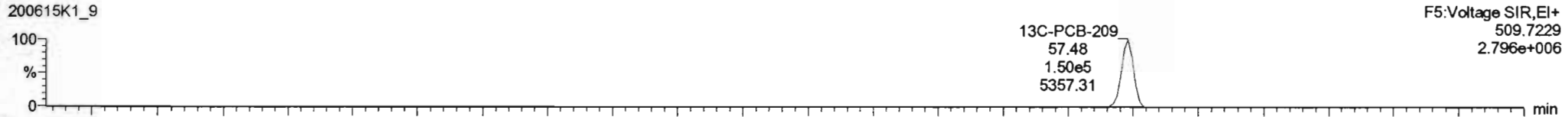


200615K1\_9

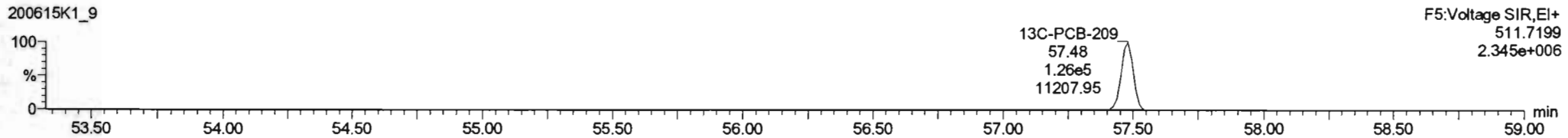


**13C-PCB-209**

200615K1\_9

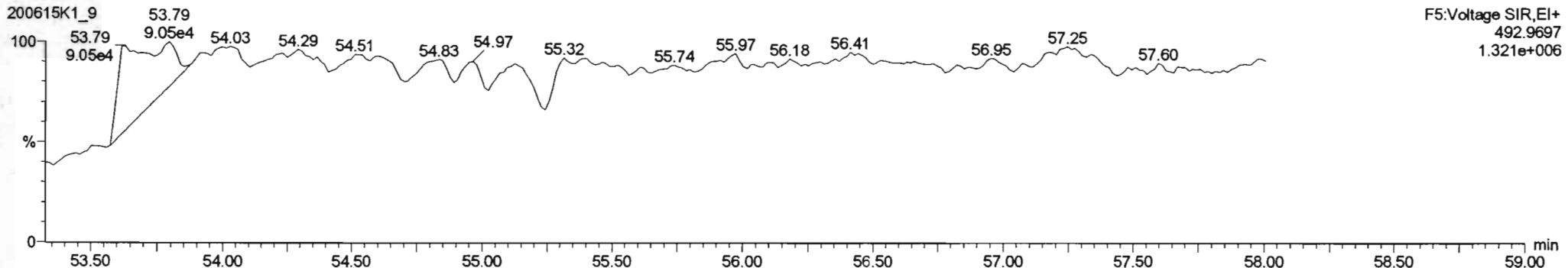


200615K1\_9



**PFK5b**

200615K1\_9



Dataset: U:\VG11.PRO\Results\200617K2\200617K2-4.qld

Last Altered: Thursday, June 18, 2020 13:05:15 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 15:50:42 Pacific Daylight Time

*HZ 6-18-2020*

*CT 06/22/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.45e3	3.39	NO	1.17	5.045	15.55	15.56	1.001	1.001	NO	35.38		4.37	35.38
2	2 PCB-2	1.39e3	2.71	NO	1.18	5.045	17.96	17.96	0.988	0.988	NO	29.48		4.03	29.48
3	3 PCB-3	2.00e3	3.43	NO	1.15	5.045	18.19	18.20	1.001	1.001	NO	43.84		4.15	43.84
4	4 PCB-4/10			NO	1.25	5.045	19.61		1.004		YES			16.9	
5	5 PCB-7/9			NO	0.960	5.045	21.41		1.003		YES			13.3	
6	6 PCB-6			NO	1.02	5.045	22.06		1.033		YES			12.4	
7	7 PCB-5/8	3.25e3	1.33	NO	0.992	5.045	22.46	22.47	1.052	1.053	NO	66.38		2.05	66.38
8	8 PCB-14			NO	1.02	5.045	23.69		0.952		YES			28.9	
9	9 PCB-11			NO	1.13	5.045	24.92		1.001		YES			26.1	
10	10 PCB-12/13			NO	1.03	5.045	25.35		1.018		YES			28.6	
11	11 PCB-15			NO	1.03	5.045	25.66		1.031		YES			28.4	
12	12 PCB-19			NO	1.11	5.045	23.80		1.001		YES			8.63	
13	13 PCB-30			NO	1.79	5.045	24.70		1.039		YES			5.32	
14	14 PCB-18	1.48e3	1.49	YES	0.818	5.045	25.47	25.56	0.952	0.955	NO	53.16		7.36	43.54
15	15 PCB-17	1.80e3	1.30	YES	0.758	5.045	25.65	25.67	0.958	0.959	NO	69.62		7.95	61.80
16	16 PCB-24/27			NO	1.08	5.045	26.26		0.981		YES			5.57	
17	17 PCB-16/32	3.42e3	1.25	YES	0.925	5.045	26.78	26.78	1.001	1.001	NO	109.16		6.52	98.67
18	1... PCB-209	9.45e2	1.54	YES	0.986	5.045	57.47	57.48	1.000	1.000	NO	70.16		3.04	59.86
19	1... 13C-PCB-1	6.97e4	3.27	NO	0.893	5.045	15.57	15.54	0.608	0.607	NO	4956	250	36.4	
20	1... 13C-PCB-3	7.88e4	3.54	NO	0.911	5.045	18.23	18.18	0.712	0.710	NO	5494	277	35.7	
21	1... 13C-PCB-4	5.68e4	1.60	NO	0.600	5.045	19.58	19.53	0.765	0.763	NO	6013	303	17.3	
22	1... 13C-PCB-9	9.79e4	1.58	NO	0.970	5.045	21.42	21.35	0.836	0.834	NO	6412	323	10.7	
23	1... 13C-PCB-11	9.65e4	1.64	NO	0.962	5.045	24.87	24.90	0.971	0.972	NO	6373	322	10.8	
24	1... 13C-PCB-19	4.79e4	1.13	NO	0.499	5.045	23.84	23.77	0.931	0.928	NO	6099	308	255	
25	1... 13C-PCB-32	6.74e4	1.02	NO	0.744	5.045	26.83	26.76	1.048	1.045	NO	5754	290	171	
26	2... 13C-PCB-209	2.71e4	1.23	NO	0.396	5.045	57.49	57.47	1.046	1.045	NO	2662	134	6.18	
27	2... 13C-PCB-15	3.12e4	1.54	NO	1.00	5.045	25.51	25.61	1.000	0.000	YES	1982	100	10.4	

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-4.qld

Last Altered: Thursday, June 18, 2020 13:05:15 Pacific Daylight Time

Printed: Thursday, June 18, 2020 15:50:59 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	2... 13C-PCB-205	5.08e4	0.90	NO	1.00	5.045	54.97	54.98	1.000	0.000	NO	1982	100	6.30	
2	2... Total Mono-PCBs				1.17	5.045	0.00		0.000		NO	108.7		12.6	108.7
3	2... Total Di-PCBs				1.05	5.045	0.00		0.000		NO	66.38		157	66.38
4	2... 2nd Function Tri-PCBs				1.08	5.045	0.00		0.000		NO	0.0000		41.4	204.0

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-4.qld

Last Altered: Thursday, June 18, 2020 13:05:15 Pacific Daylight Time

Printed: Thursday, June 18, 2020 13:07:48 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**Total Mono-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-1	15.55	15.55	2.110e4	6.399e3	1.123e3	3.309e2	3.39	NO	1.454e3	35.383	35.383	4.37
2	PCB-2	17.96	17.96	1.709e4	5.848e3	1.013e3	3.737e2	2.71	NO	1.386e3	29.482	29.482	4.03
3	PCB-3	18.19	18.20	2.312e4	8.433e3	1.550e3	4.520e2	3.43	NO	2.002e3	43.844	43.844	4.15

**Total Di-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-5/8	22.46	22.47	2.637e4	2.358e4	1.856e3	1.398e3	1.33	NO	3.254e3	66.384	66.384	2.05

**2nd Function Tri-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-18	25.47	25.56	2.017e4	1.235e4	8.850e2	5.936e2	1.49	YES	1.479e3	0.00000	43.541	7.38
2	PCB-17	25.65	25.67	1.530e4	1.367e4	1.014e3	7.813e2	1.30	YES	1.796e3	0.00000	61.795	7.95
3	PCB-16/32	26.79	26.78	1.669e4	1.459e4	1.895e3	1.522e3	1.24	YES	3.418e3	0.00000	98.673	6.52

**3rd Function Tri-PCBs**

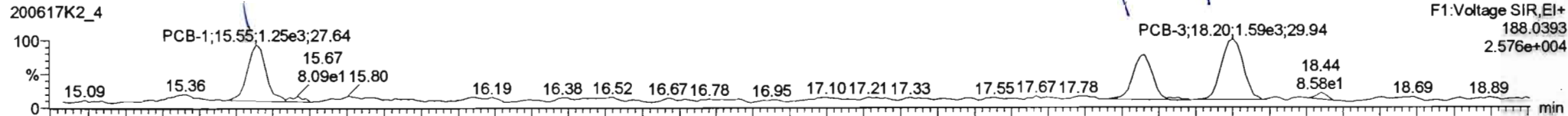
	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.16	28.17	7.862e3	7.282e3	5.803e2	6.840e2	0.85	YES	1.264e3	0.00000	26.668	5.96
2	PCB-25	28.31	28.31	4.160e3	5.878e3	3.170e2	4.458e2	0.71	YES	7.628e2	0.00000	14.477	5.93
3	PCB-31	28.68	28.70	5.342e4	4.938e4	4.147e3	4.076e3	1.02	NO	8.224e3	175.51	175.51	5.43
4	PCB-28	28.79	28.79	5.166e4	4.912e4	3.592e3	3.407e3	1.05	NO	6.999e3	151.02	151.02	5.49
5	PCB-20/21/33	29.43	29.48	2.371e4	2.514e4	2.106e3	2.089e3	1.01	NO	4.196e3	98.583	98.583	5.98
6	PCB-22	29.87	29.89	1.147e4	1.266e4	1.060e3	9.830e2	1.08	NO	2.043e3	46.453	46.453	5.79
7	PCB-37	32.79	32.79	8.932e3	1.308e4	7.624e2	9.982e2	0.76	YES	1.761e3	0.00000	32.859	5.86

Dataset: Untitled

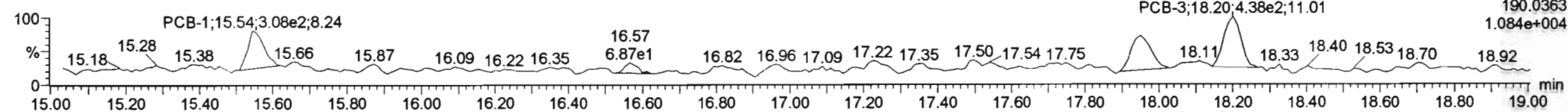
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

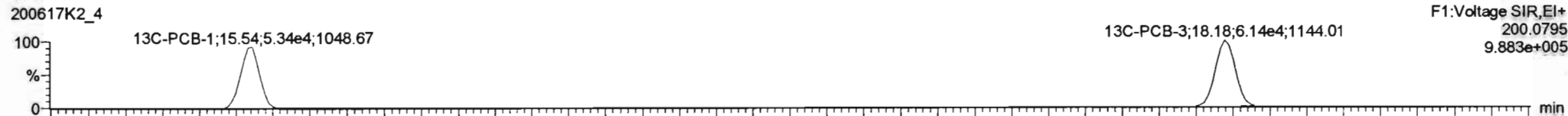
**PCB-1**



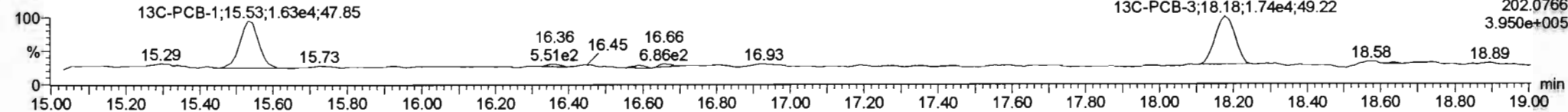
**PCB-1**



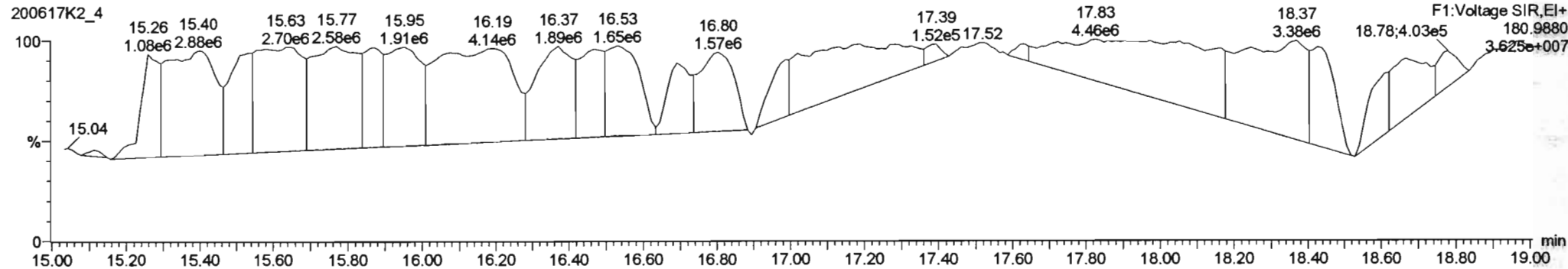
**13C-PCB-1**



**13C-PCB-1**



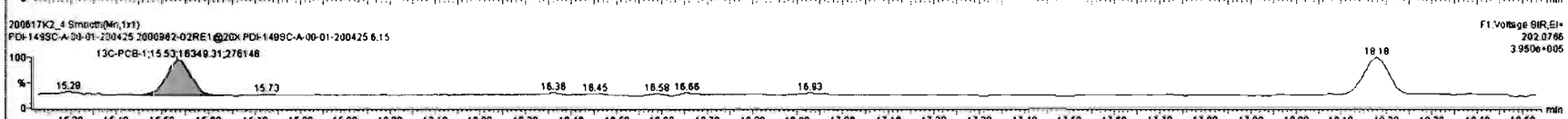
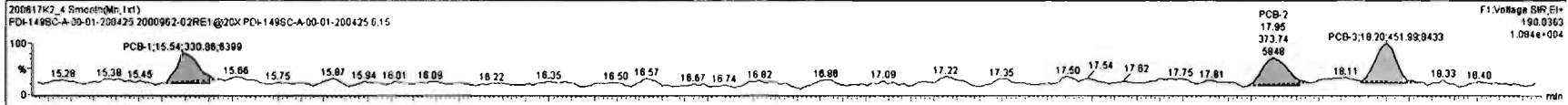
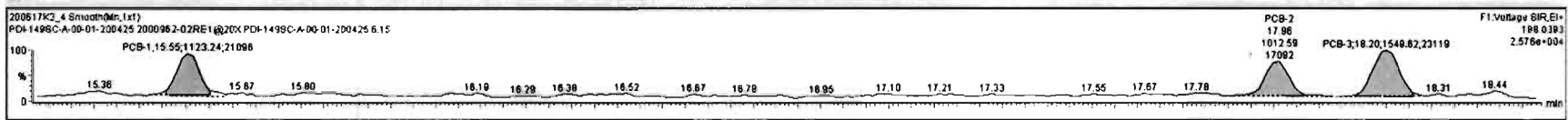
**PFK1**





#	Name	Ratio	RA	n/y	RF	Wt/WT	Prod.RT	RT	Prod.RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
223	13C-PCB-178	2.37e4	0.48	NO	1.0506	5.045	45.87	45.87	0.923	0.923	NO	1882	84.9	11.8	
224	Total Mono-PCBs				1.1895	5.045	0.00				NO	108.7		12.8	108.7
225	Total Di-PCBs				1.0537	5.045	0.00				NO			167	
226	2nd Function Tri-PCBs				1.0587	5.045	0.00				NO	65.73		41.4	144.2
227	3rd Function Tri-PCBs				0.9926	5.045	0.00				NO	471.8		81.8	545.8
228	Total Tetra-PCBs				1.0778	5.045	0.00				NO	2435		142	3013
229	3rd Function Penta-PCBs				1.2167	5.045	0.00				NO	4988		178	5475
230	4th Function Penta-PCBs				1.0735	5.045	0.00				NO	233.8		23.5	242.2
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00				NO	1636		85.7	2774
232	4th Function Hexa-PCBs				1.0316	5.045	0.00				NO	4689		85.0	4845

#	Name	Prod.RT	RT	Int Ratio	m2 Range	** Ratio (Prod)	RA	n/y	EMPC	Conc.
1	1 PCB-1	15.55	15.55	1.123e3	3.309e2	3.130	3.39	NO	35.363	35.363
2	2 PCB-2	17.96	17.96	1.013e3	3.737e2	3.130	2.71	NO	29.482	29.482
3	3 PCB-3	18.19	18.20	1.550e3	4.620e2	3.130	3.43	NO	43.844	43.844

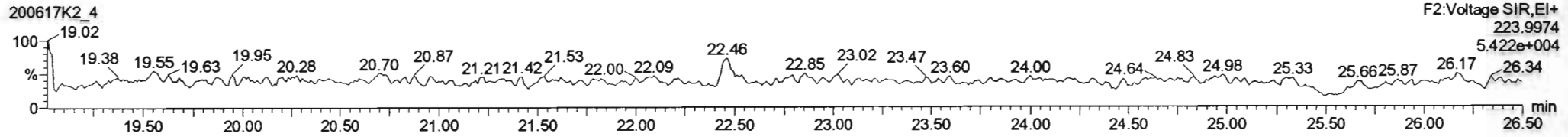
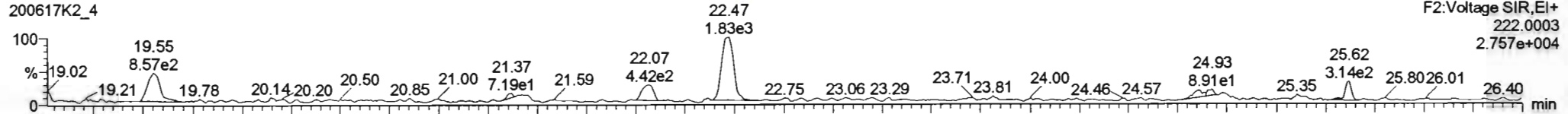


Dataset: Untitled

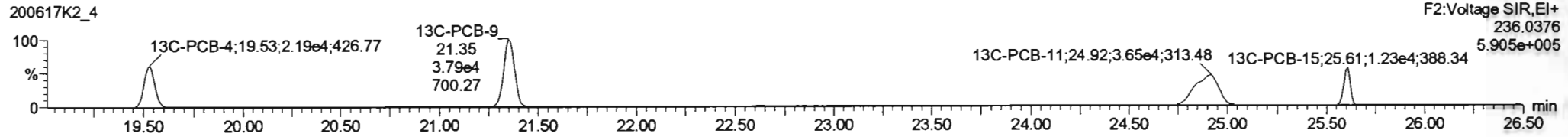
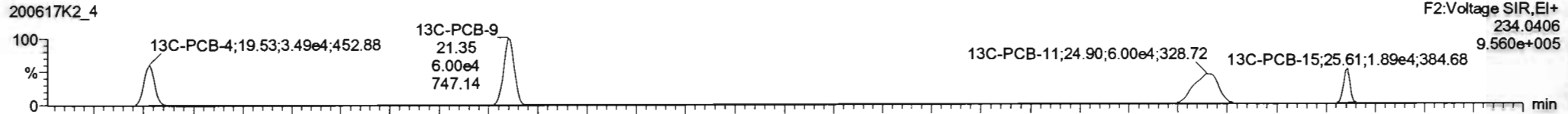
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

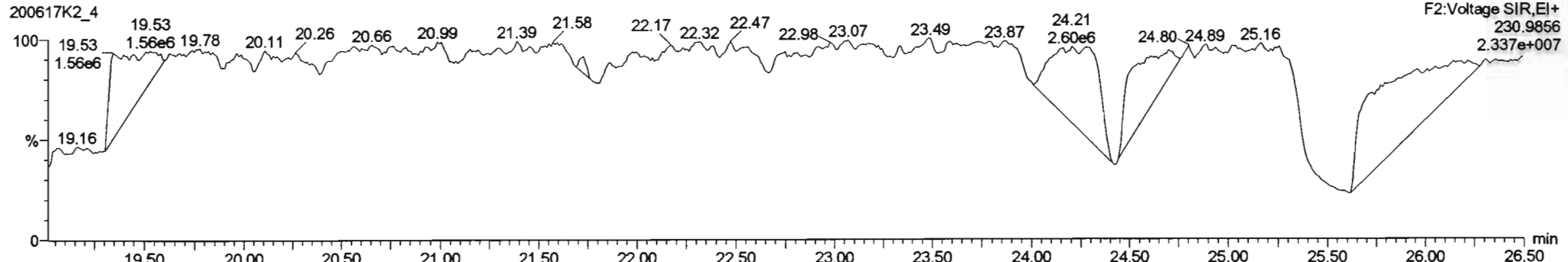
**PCB-4/10**



**13C-PCB-4**

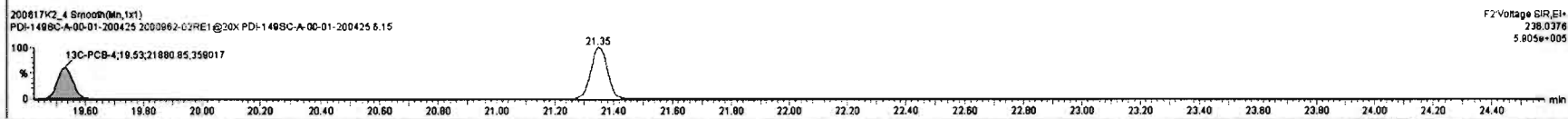
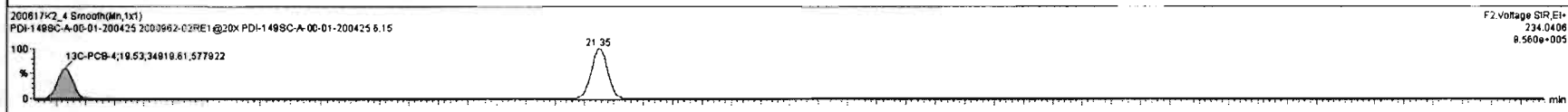
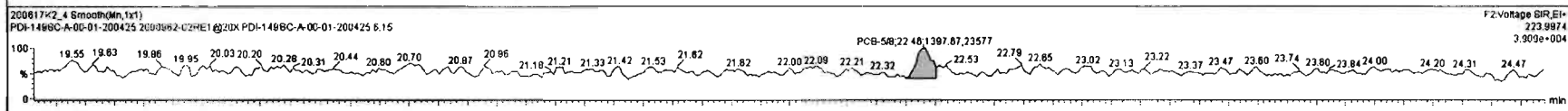
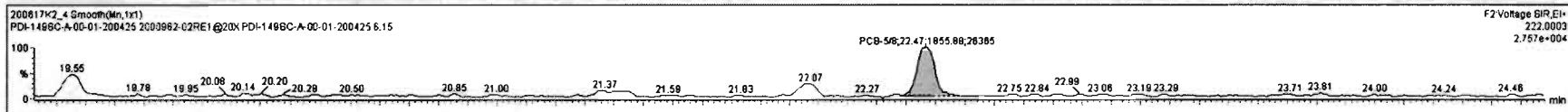


**PFK2a**



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R...	RRF	RRF	Fid	Conc.	%Rec	DL	EMPC
223	13C-PCB-178	2.37e4	0.48	NO	1.0508	5.045	45.87	45.87	0.9223	0.9223	NO	1882	94.9	11.8		
224	Total Mono-PCBs				1.1885	5.045	0.00		0.0000		NO	109.7		12.6	108.7	
225	Total Di-PCBs				1.0337	5.045	0.00		0.0000		NO	68.38		157	66.38	
226	2nd Function Tri-PCBs				1.0807	5.045	0.00		0.0000		NO	55.73		41.4	144.2	
227	3rd Function Tri-PCBs				0.9828	5.045	0.00		0.0000		NO	471.6		81.8	545.6	
228	Total Tetra-PCBs				1.0776	5.045	0.00		0.0000		NO	2435		142	3013	
229	3rd Function Penta-PCBs				1.3157	5.045	0.00		0.0000		NO	4996		178	5475	
230	4th Function Penta-PCBs				1.0735	5.045	0.00		0.0000		NO	233.8		23.5	242.2	
231	3rd Function Hexa-PCBs				0.9505	5.045	0.00		0.0000		NO	1836		85.7	2774	
232	4th Function Hexa-PCBs				1.0318	5.045	0.00		0.0000		NO	4899		85.0	4845	

#	Name	Pred RT	RT	wt Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
7	PCB-58	22.48	22.47	1.855e3	1.398e3	1.590	1.33	NO	66.384	66.384



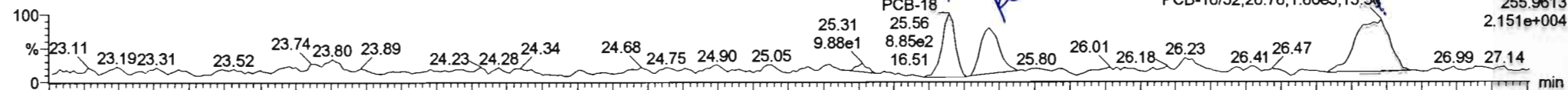
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

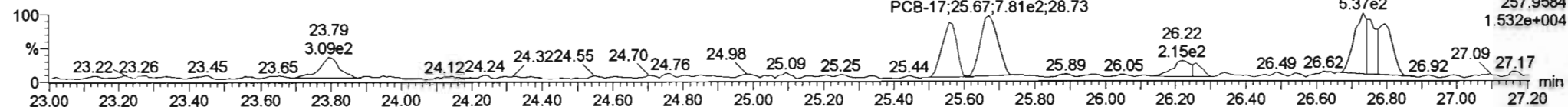
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-19**

200617K2\_4

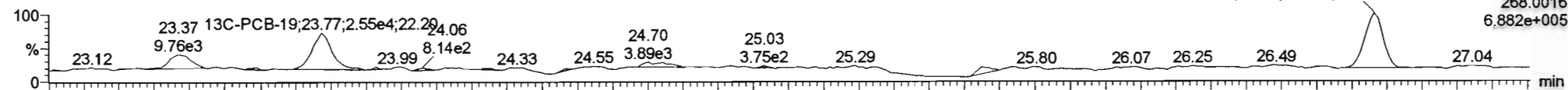


200617K2\_4

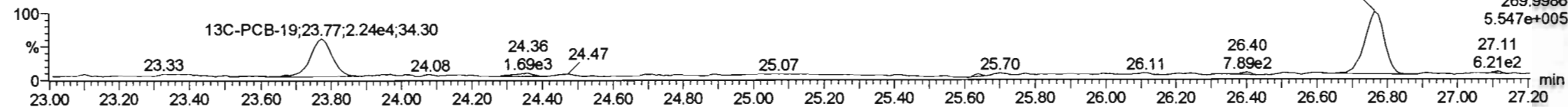


**13C-PCB-19**

200617K2\_4

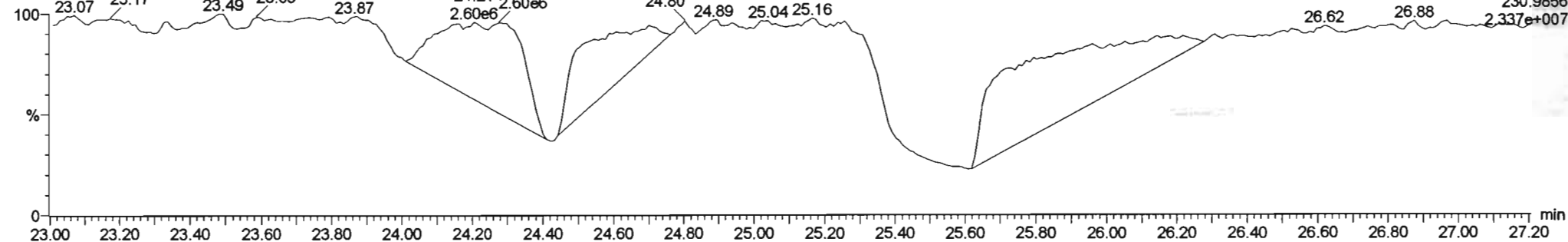


200617K2\_4

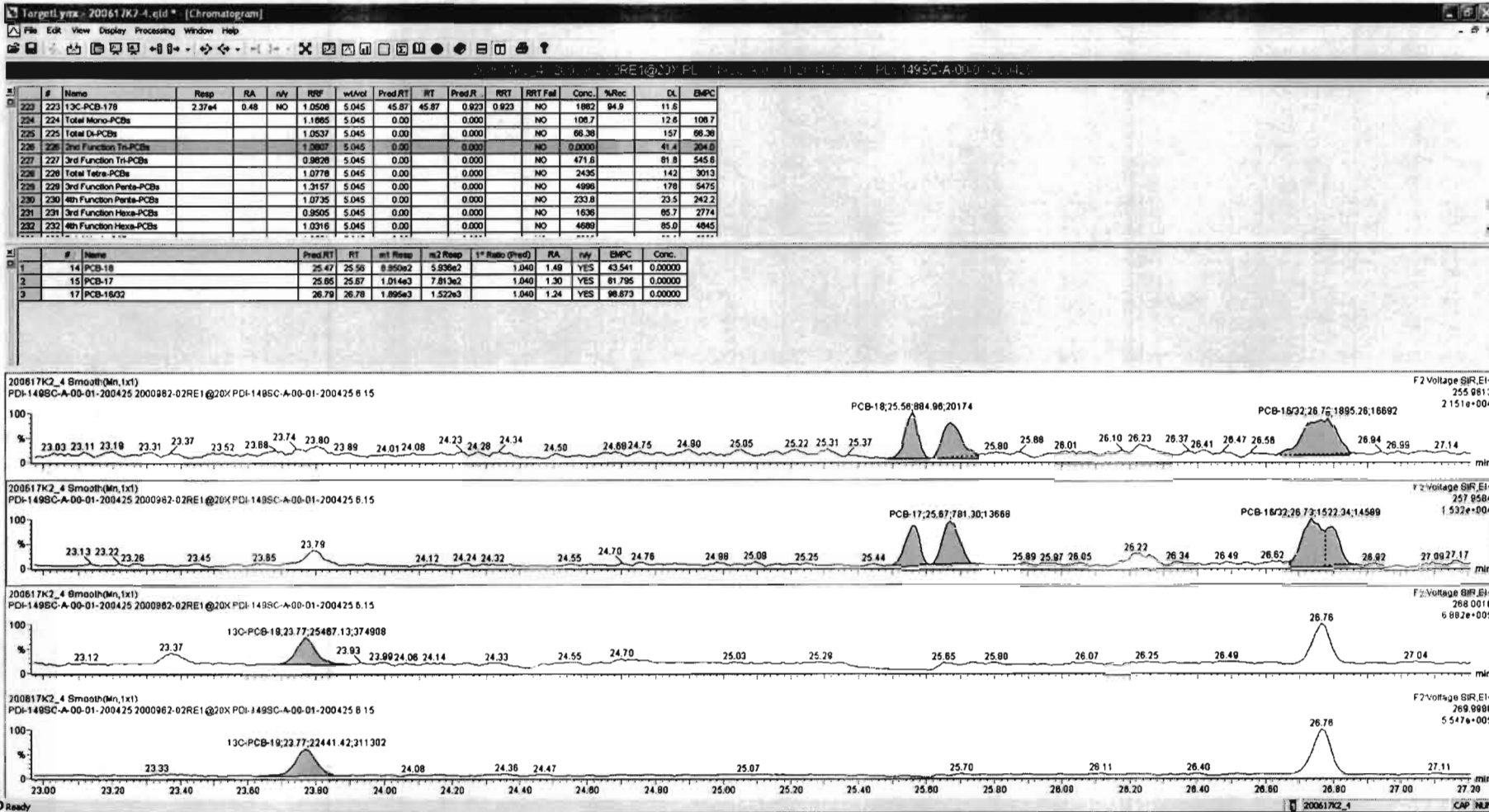


**PFK2b**

200617K2\_4







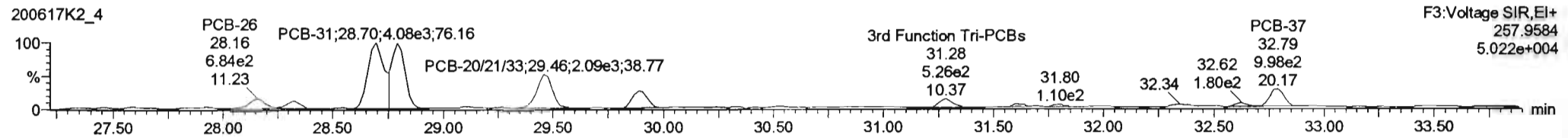
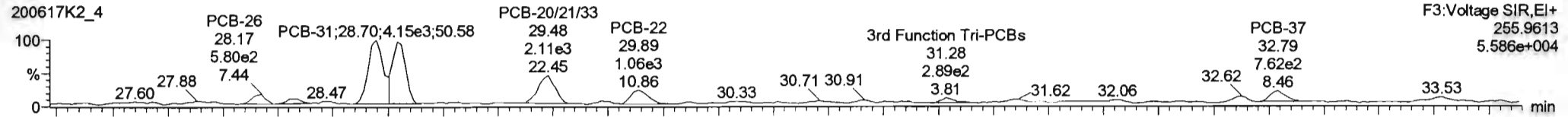


Dataset: Untitled

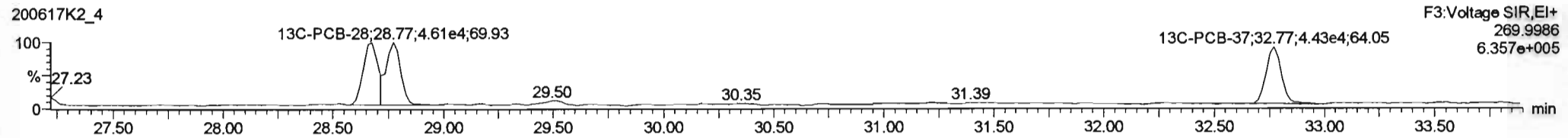
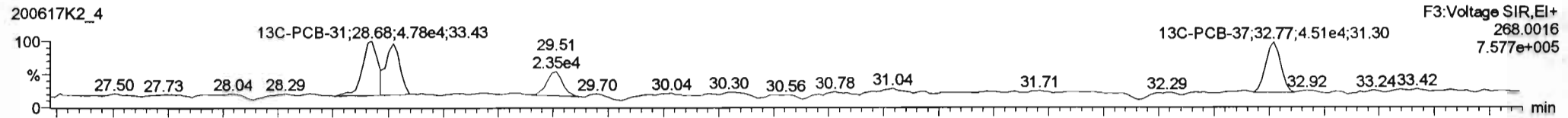
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

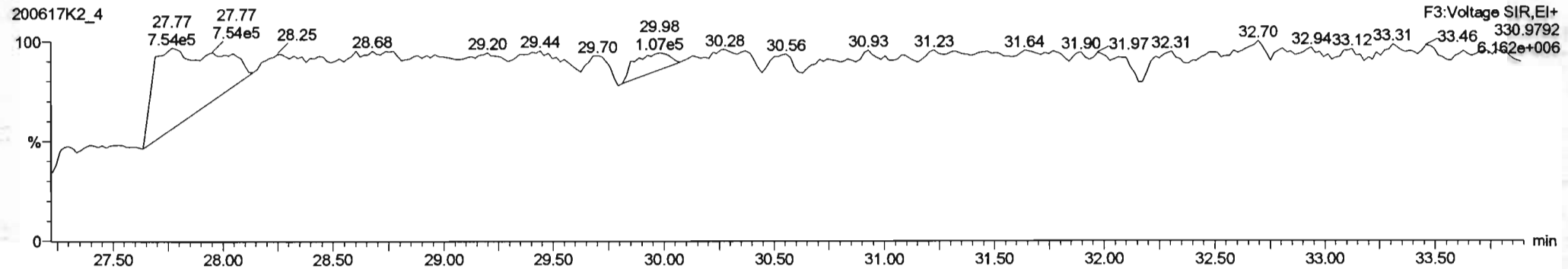
**PCB-34**



**13C-PCB-28**



**PFK3d**



Dataset: Untitled

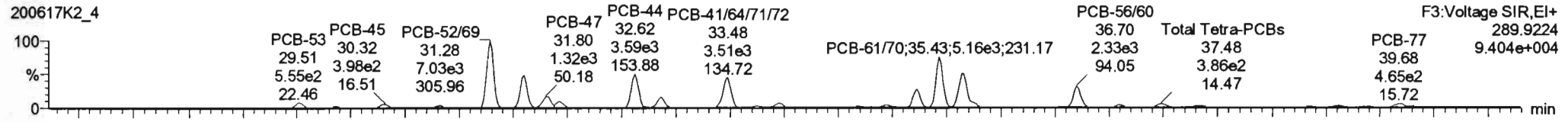
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

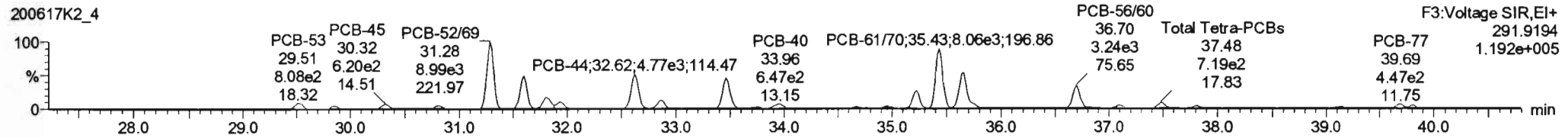
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-54**

200617K2\_4

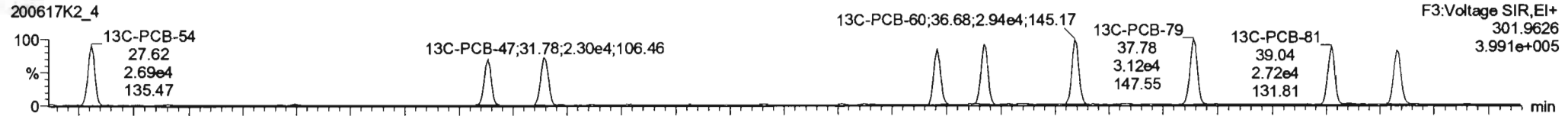


200617K2\_4

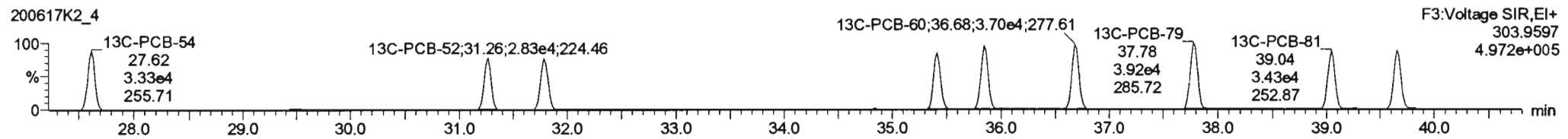


**13C-PCB-54**

200617K2\_4

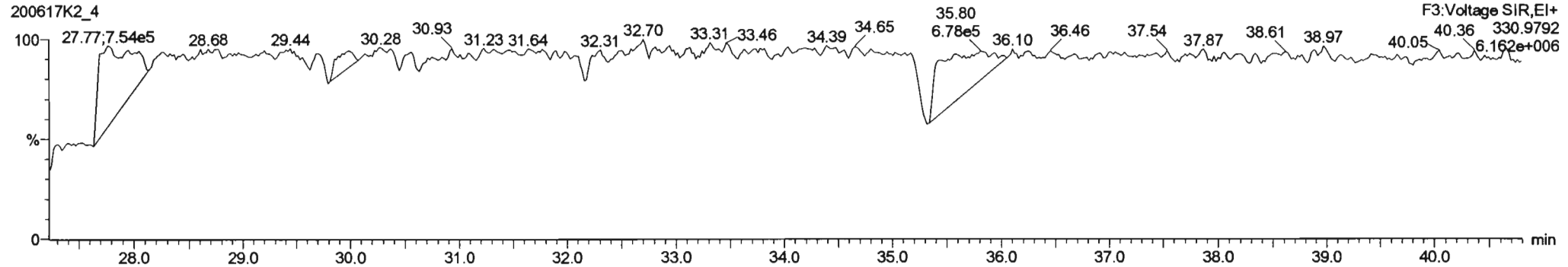


200617K2\_4



**PFK3a**

200617K2\_4



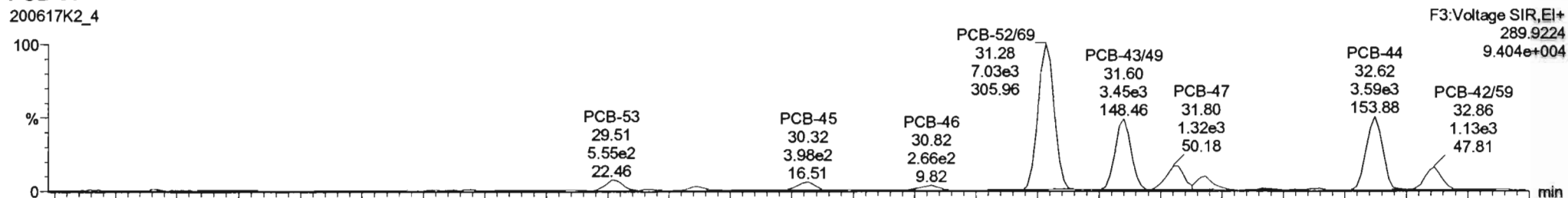
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

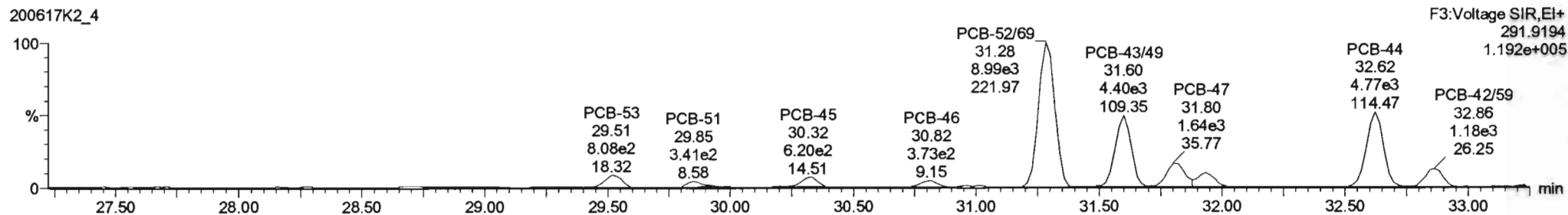
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-50**

200617K2\_4

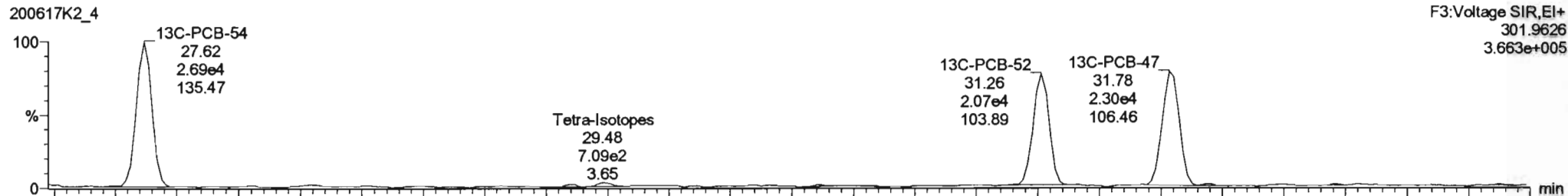


200617K2\_4

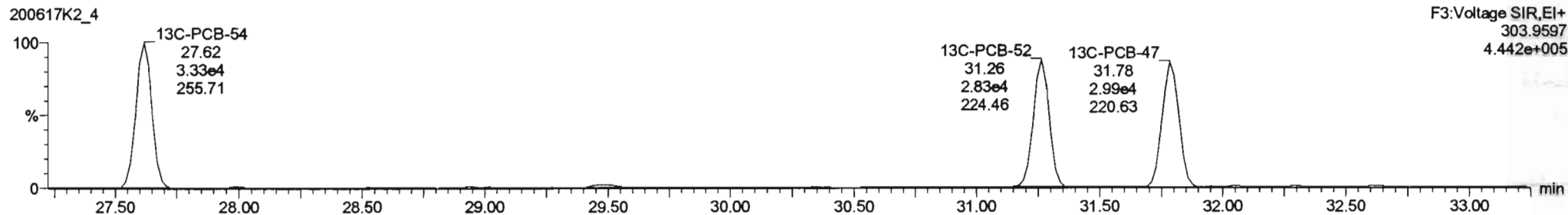


**13C-PCB-52**

200617K2\_4



200617K2\_4



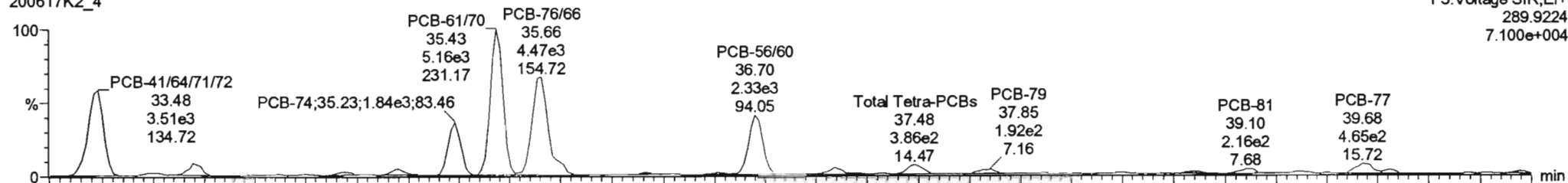
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

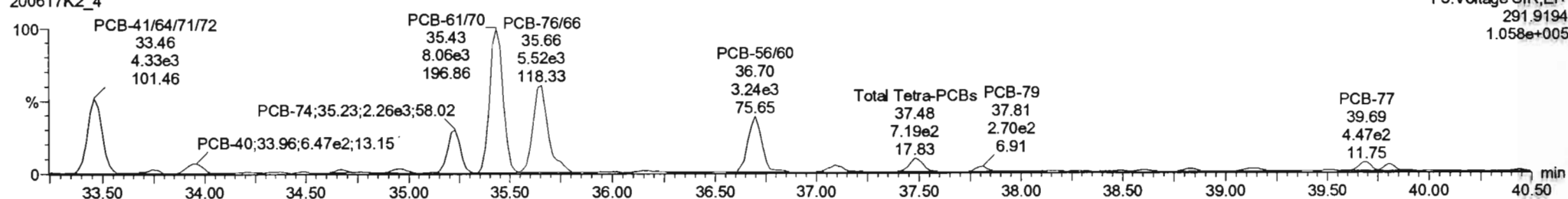
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-68**

200617K2\_4

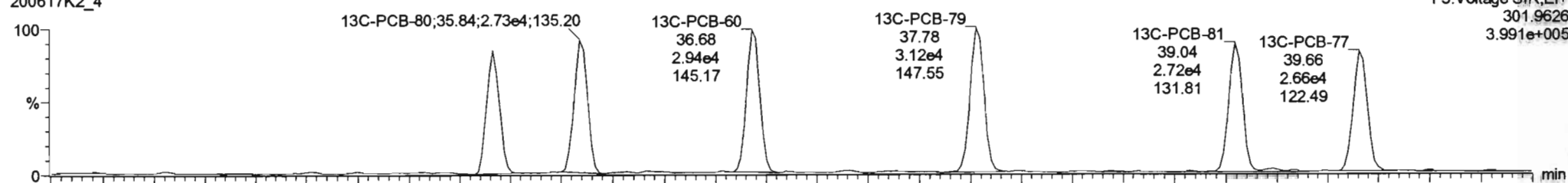


200617K2\_4

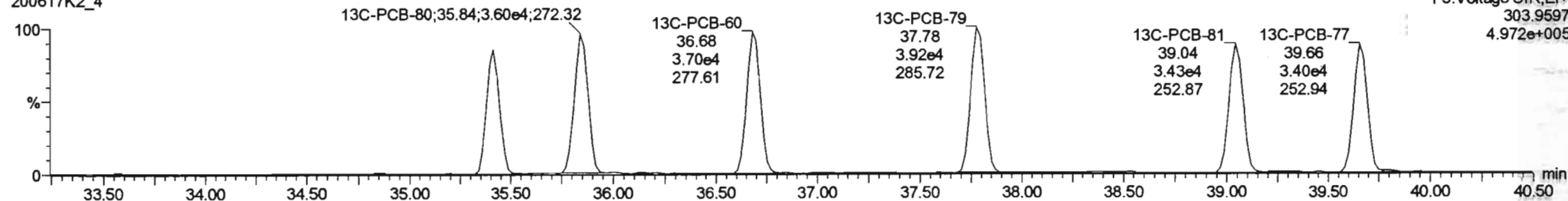


**13C-PCB-60**

200617K2\_4



200617K2\_4



Dataset: Untitled

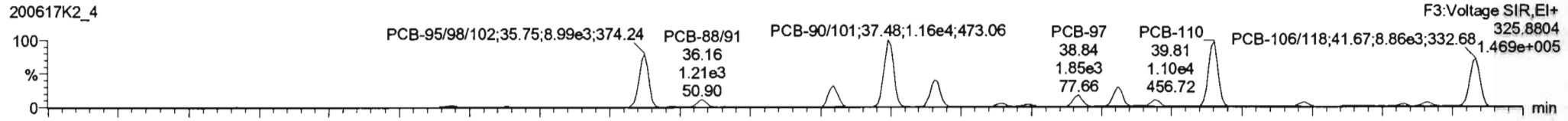
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

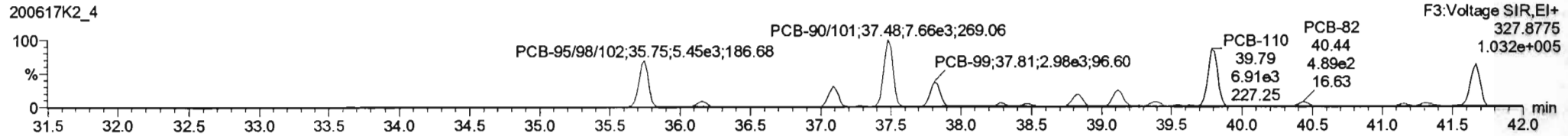
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-104**

200617K2\_4

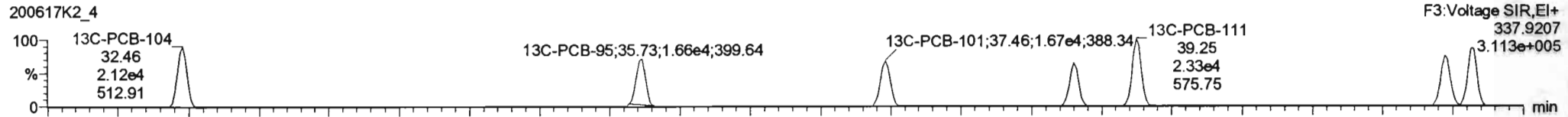


200617K2\_4

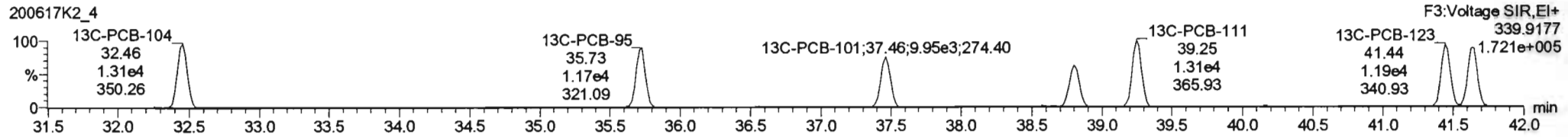


**13C-PCB-104**

200617K2\_4

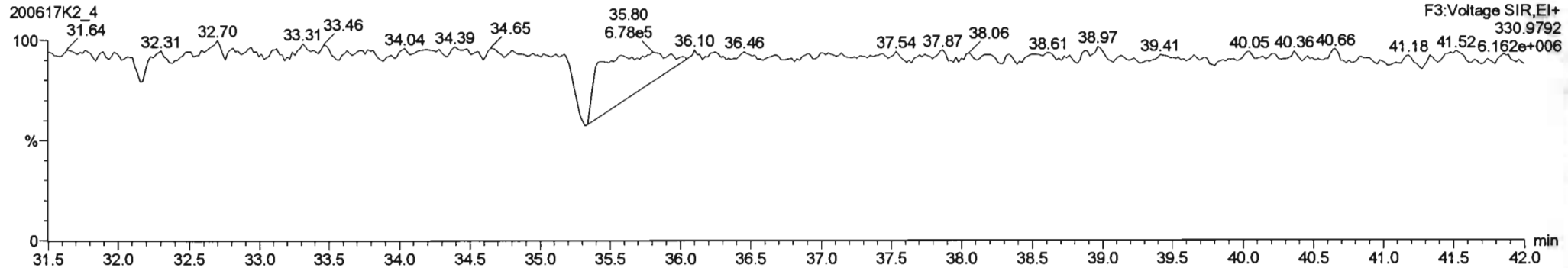


200617K2\_4



**PFK3b**

200617K2\_4





Dataset: Untitled

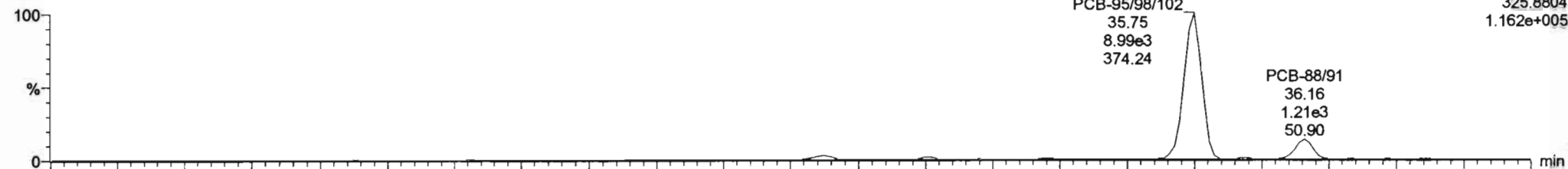
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

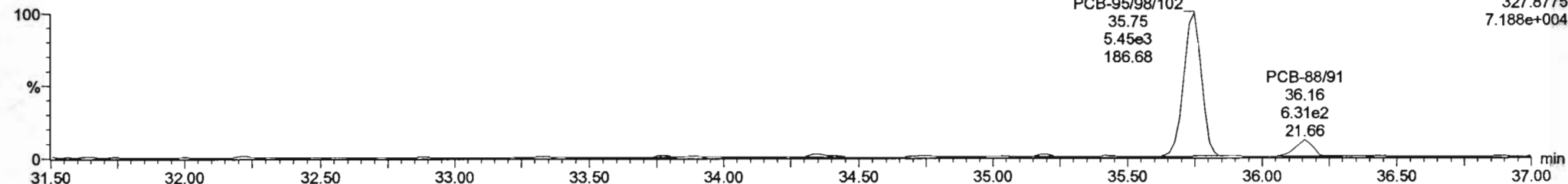
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-96**

200617K2\_4

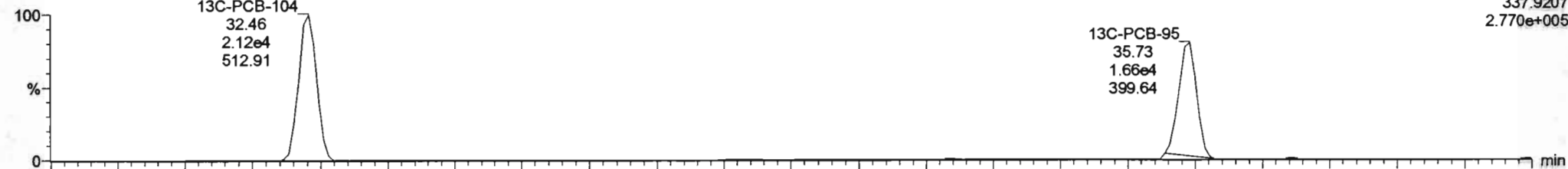


200617K2\_4

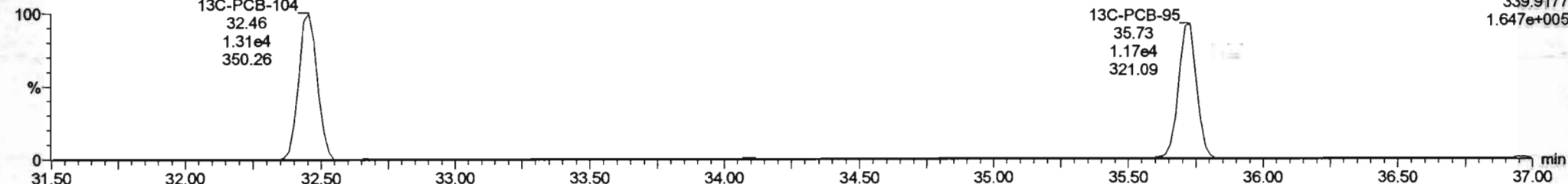


**13C-PCB-95**

200617K2\_4



200617K2\_4



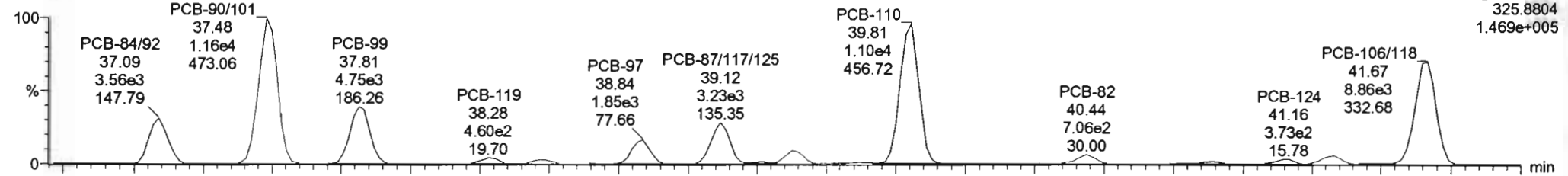
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

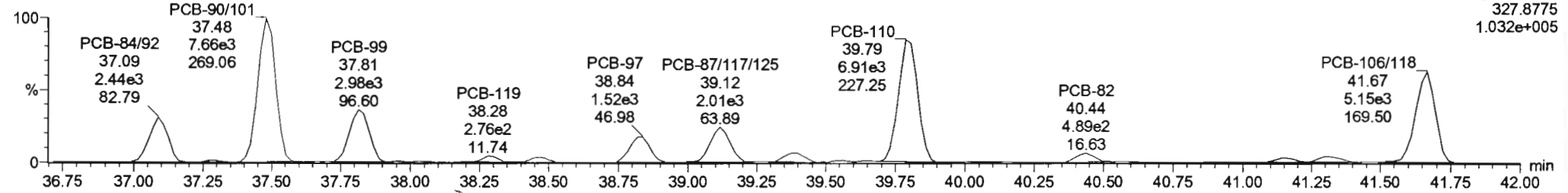
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-119**

200617K2\_4

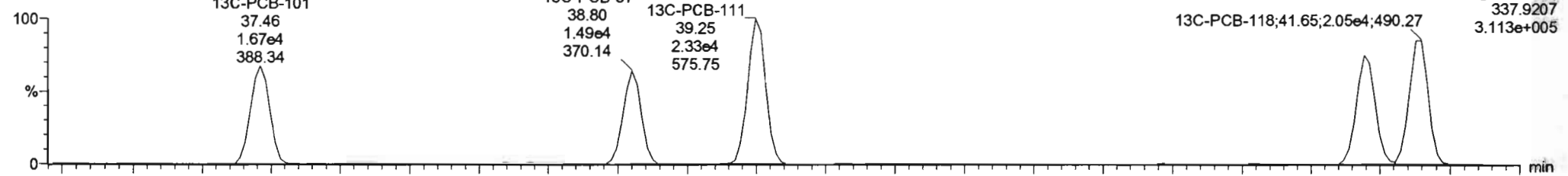


200617K2\_4

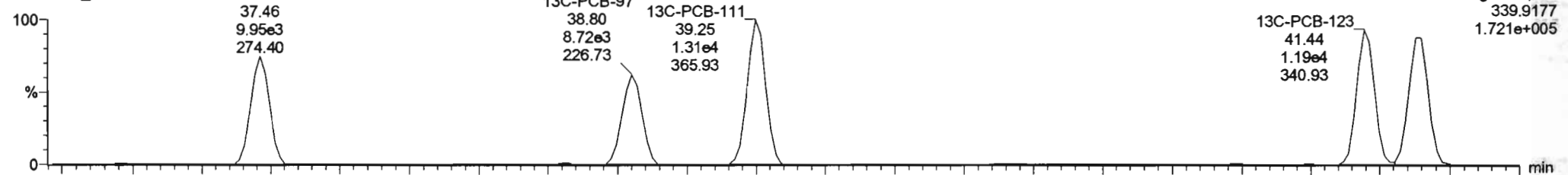


**13C-PCB-111**

200617K2\_4



200617K2\_4



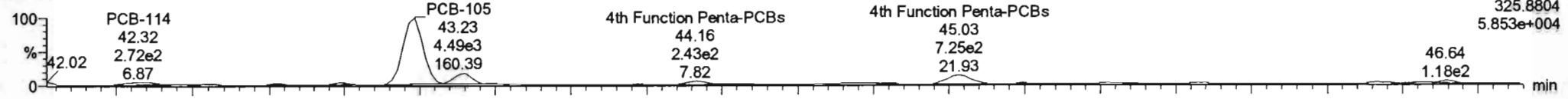
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

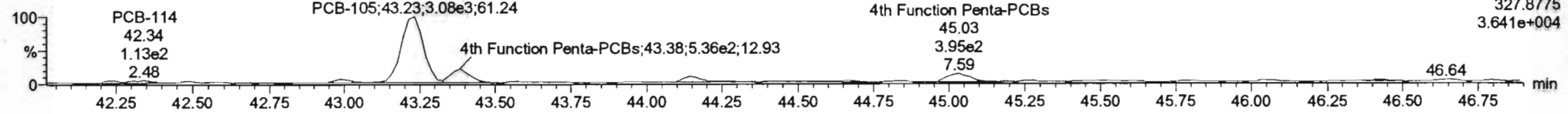
**PCB-114**

200617K2\_4



F4:Voltage SIR,EI+  
 325.8804  
 5.853e+004

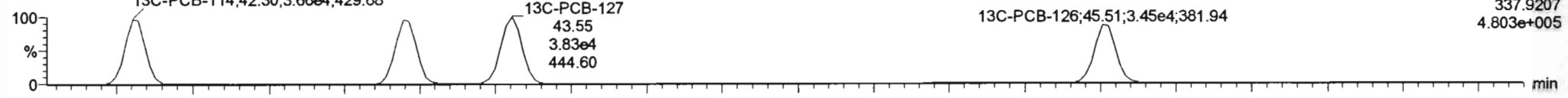
200617K2\_4



F4:Voltage SIR,EI+  
 327.8775  
 3.641e+004

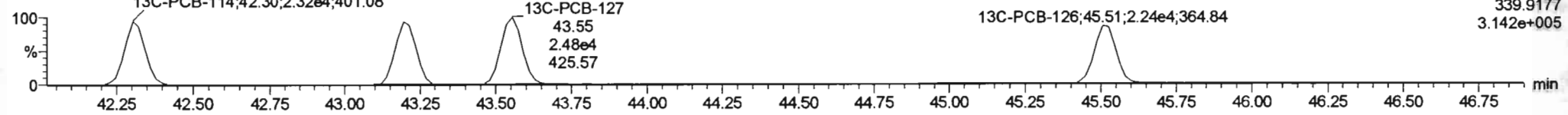
**13C-PCB-114**

200617K2\_4



F4:Voltage SIR,EI+  
 337.9207  
 4.803e+005

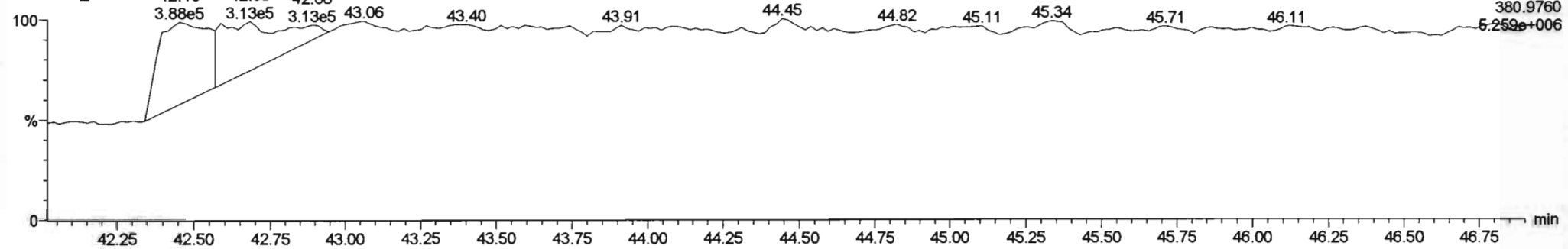
200617K2\_4



F4:Voltage SIR,EI+  
 339.9177  
 3.142e+005

**PFK4a**

200617K2\_4



F4:Voltage SIR,EI+  
 380.9760  
 5.259e+006

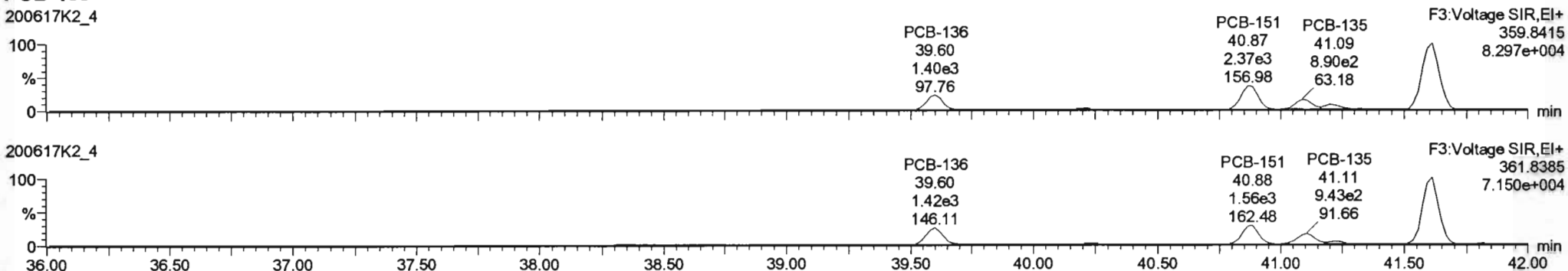
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

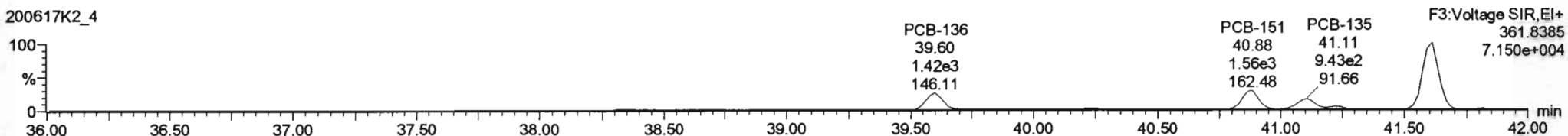
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-155**

200617K2\_4

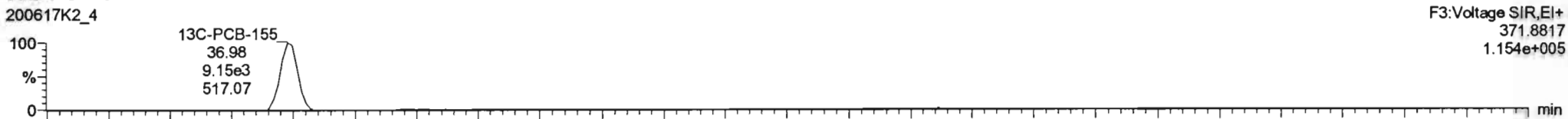


200617K2\_4

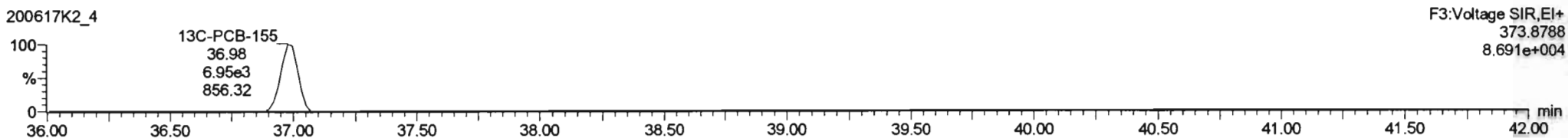


**13C-PCB-155**

200617K2\_4

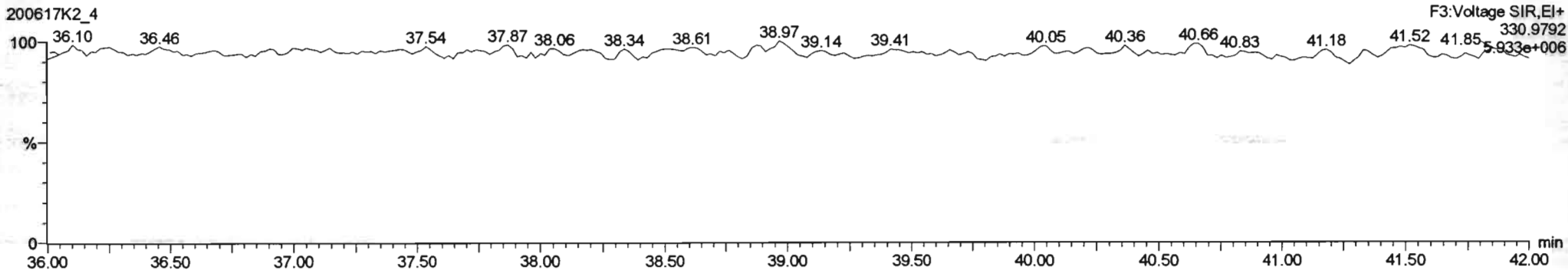


200617K2\_4



**PFK3c**

200617K2\_4

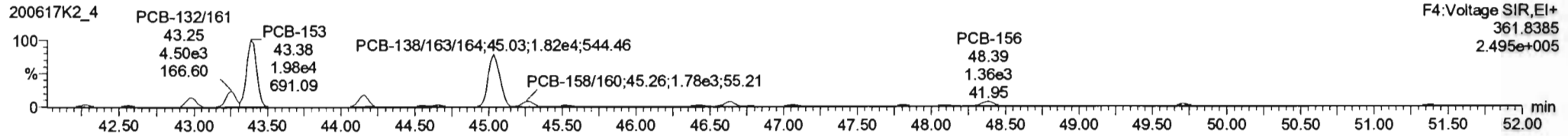
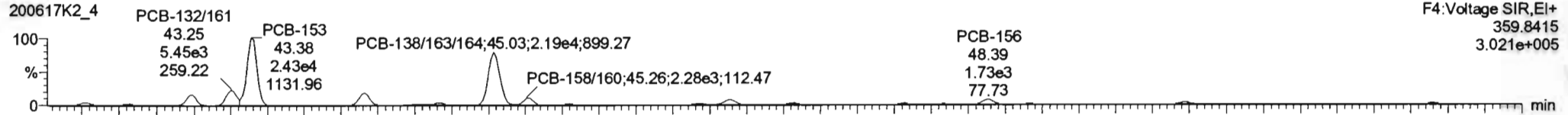


Dataset: Untitled

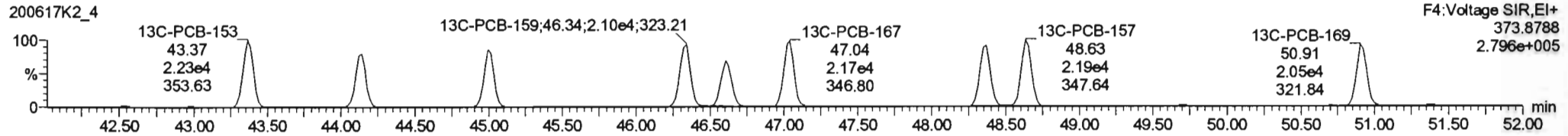
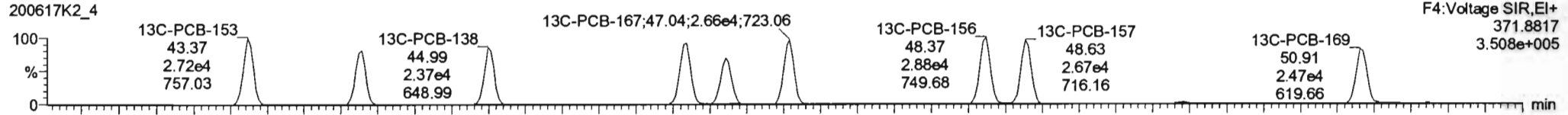
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

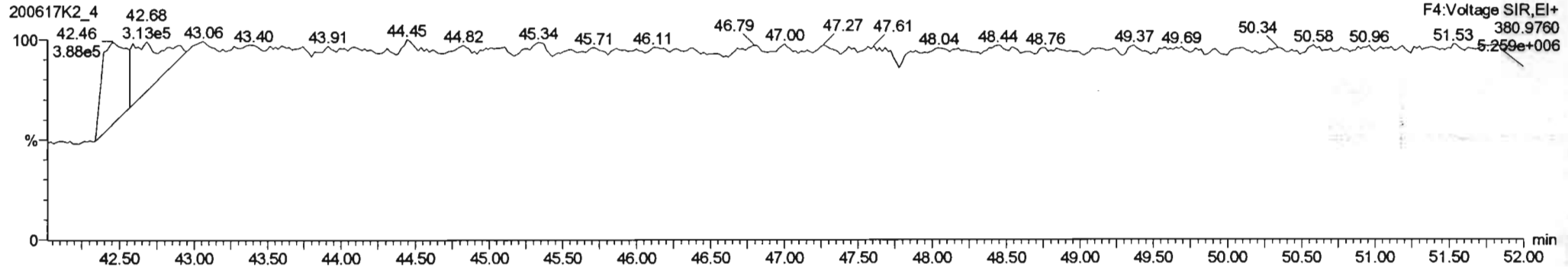
**PCB-134/143**



**13C-PCB-153**



**PFK4b**





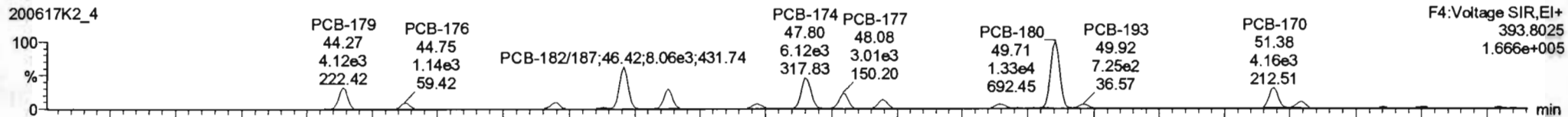
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

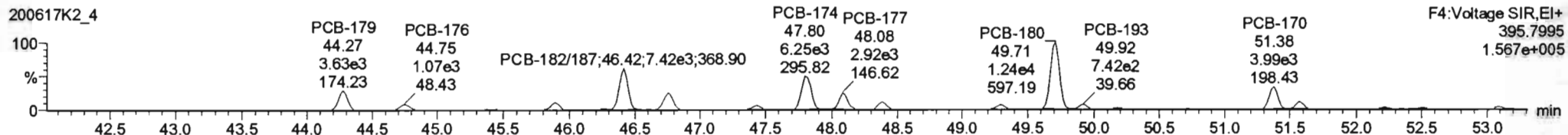
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-188**

200617K2\_4

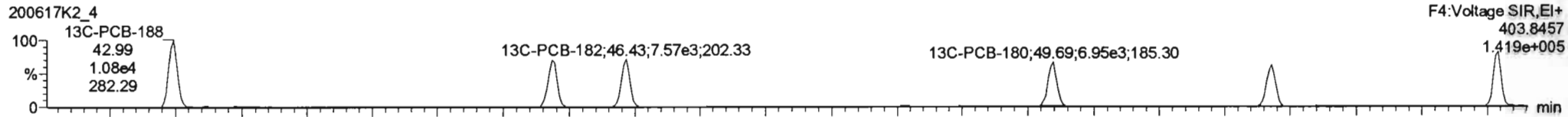


200617K2\_4

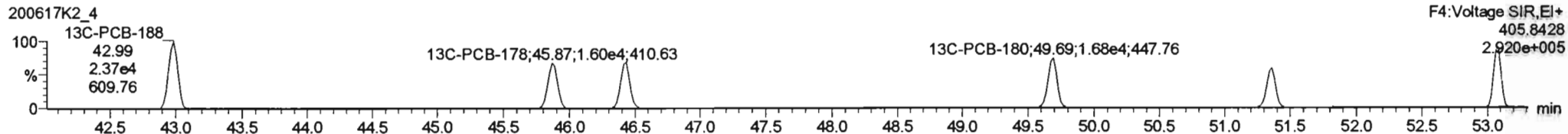


**13C-PCB-188**

200617K2\_4

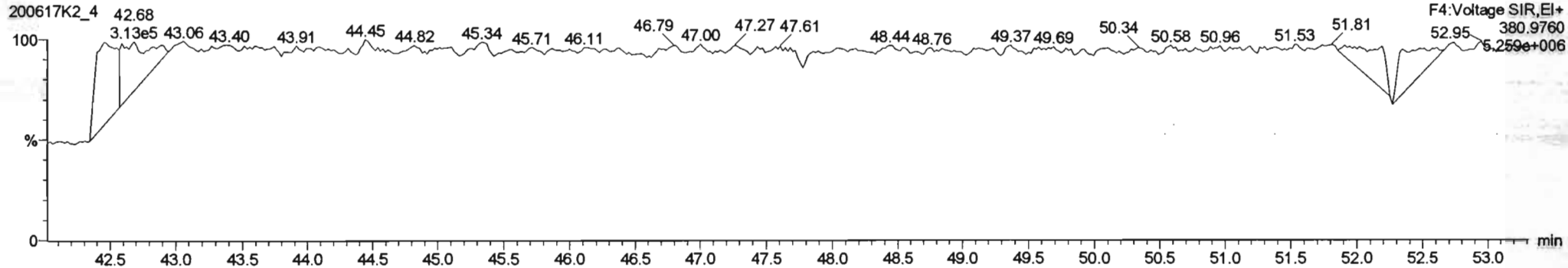


200617K2\_4



**PFK4c**

200617K2\_4

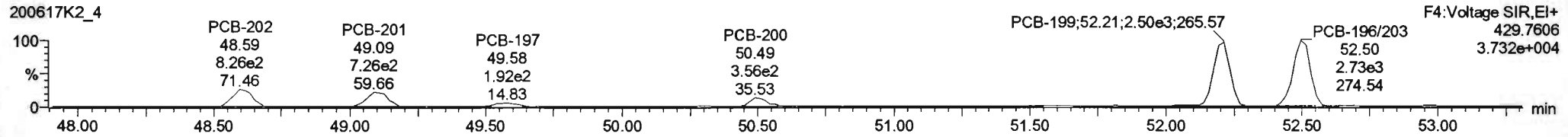
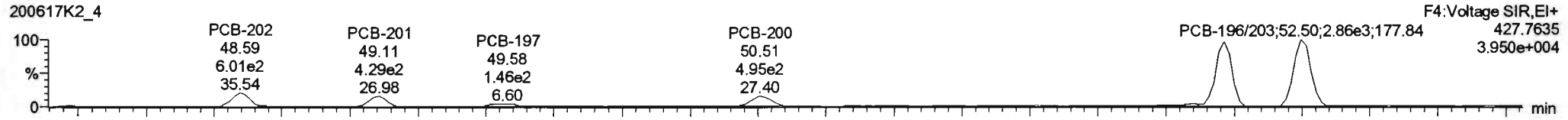


Dataset: Untitled

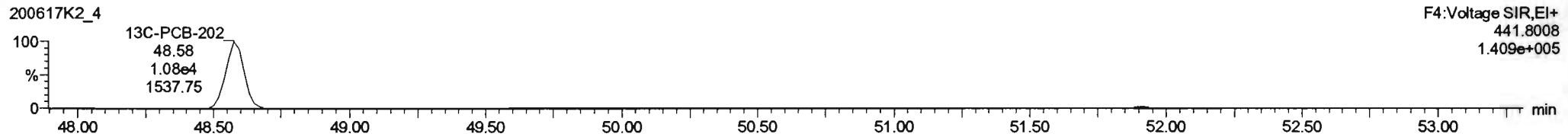
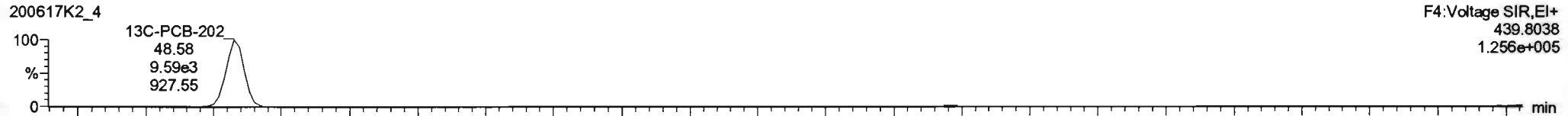
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

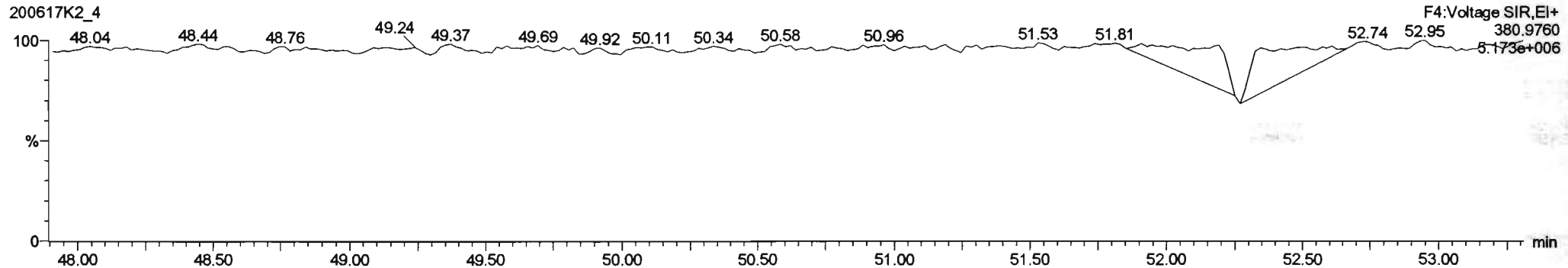
**PCB-202**



**13C-PCB-202**



**PFK4d**



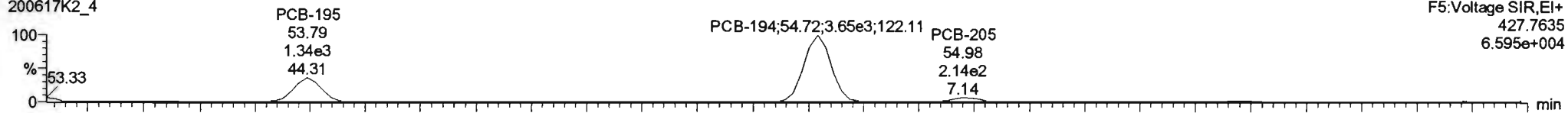
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

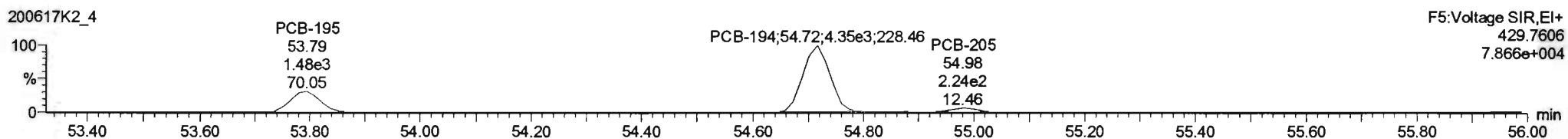
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-195**

200617K2\_4

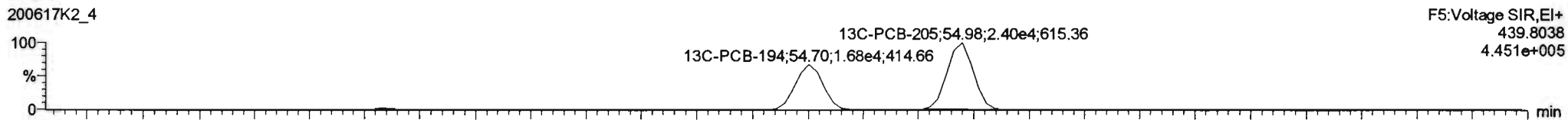


200617K2\_4

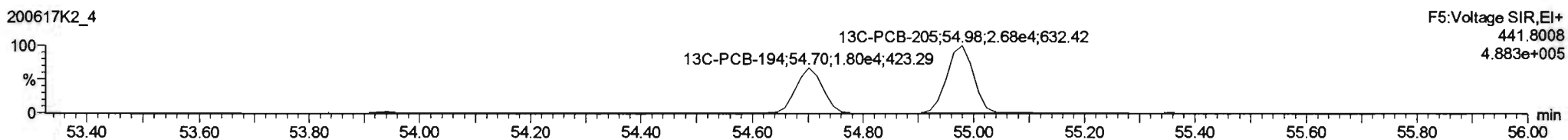


**13C-PCB-194**

200617K2\_4

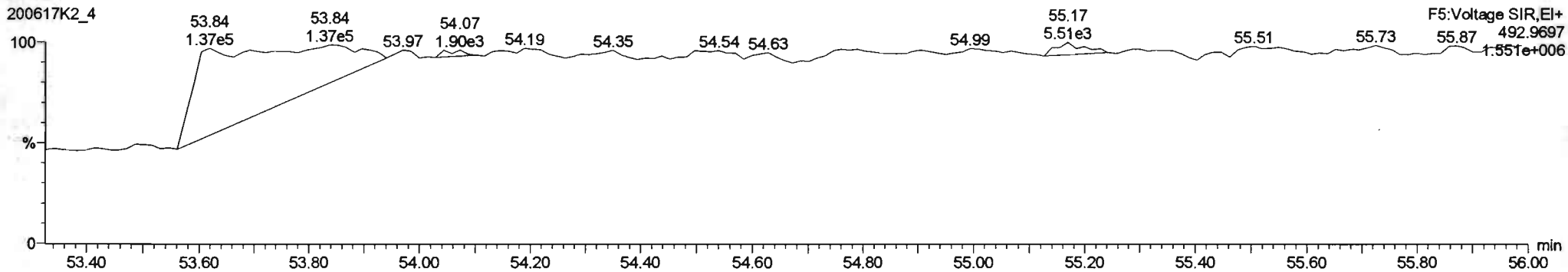


200617K2\_4



**PFK5a**

200617K2\_4



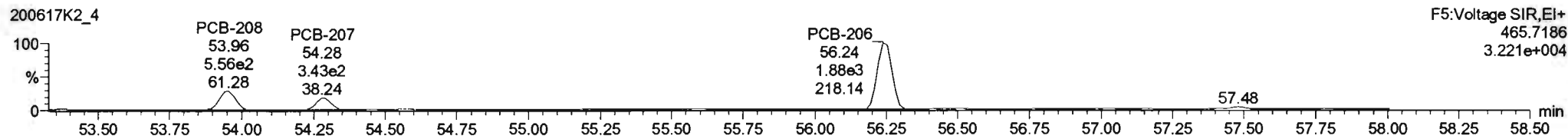
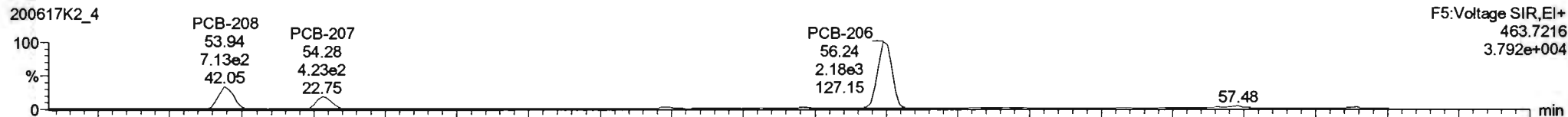
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

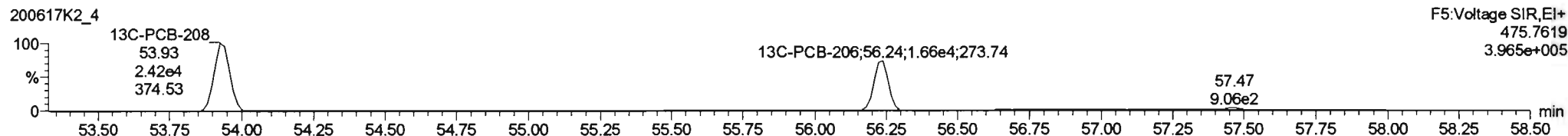
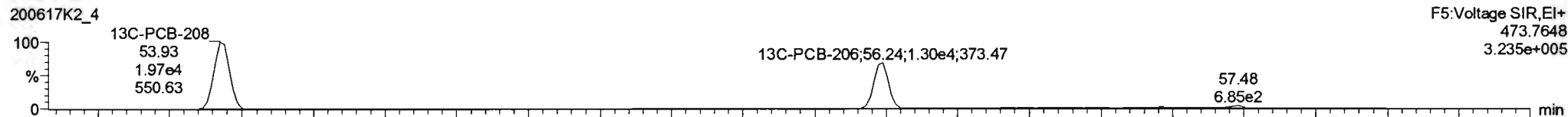
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

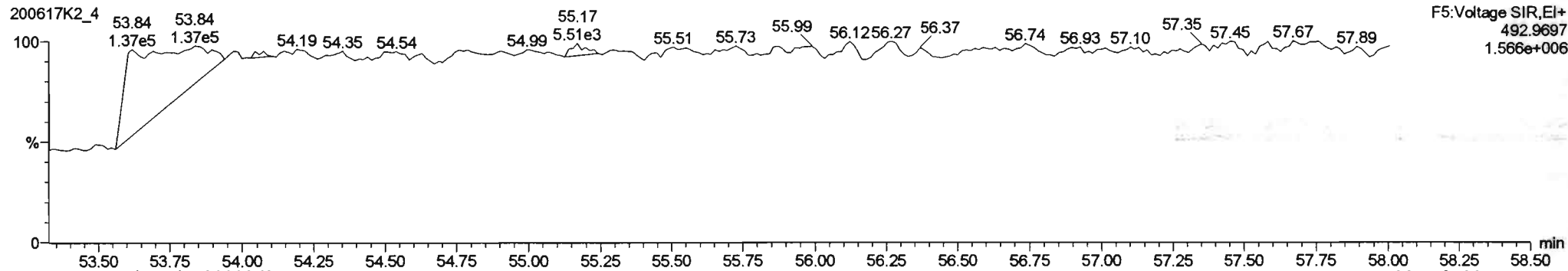
**PCB-208**



**13C-PCB-208**



**PFK5**



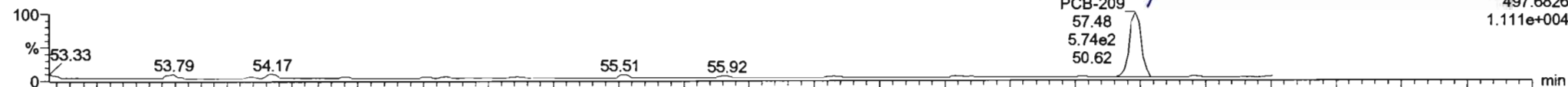
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

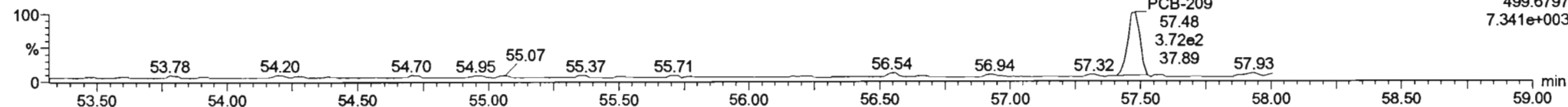
Name: 200617K2\_4, Date: 18-Jun-2020, Time: 03:34:41, ID: 2000962-02RE1@20X PDI-149SC-A-00-01-200425 6.15, Description: PDI-149SC-A-00-01-200425

**PCB-209**

200617K2\_4



200617K2\_4

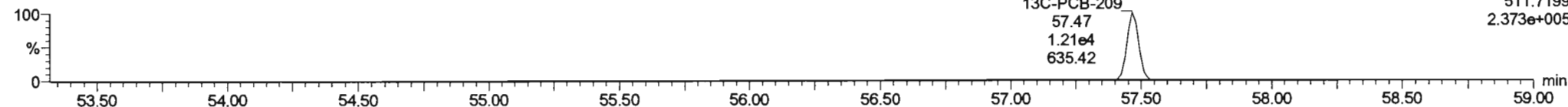


**13C-PCB-209**

200617K2\_4

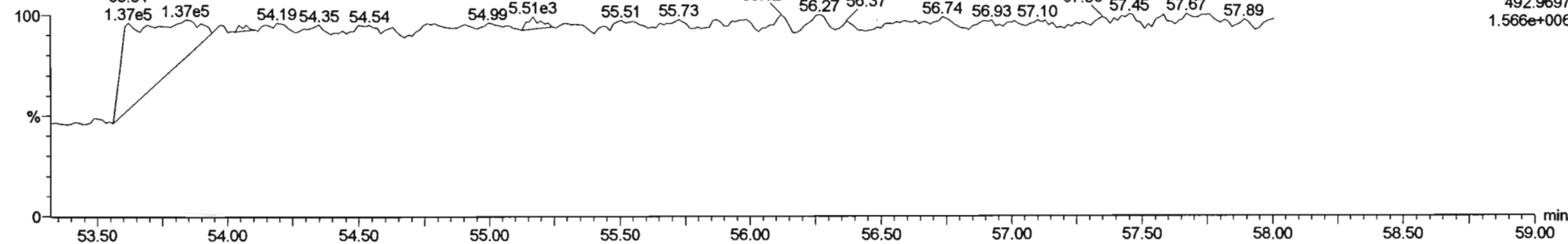


200617K2\_4



**PFK5b**

200617K2\_4





**CONTINUING CALIBRATION**

# HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200613K2-6

Reviewed By: CT 06/15/2020

*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 type="checkbox"/> NA	<input type="checkbox"/>
First and last eluters present?	<input type="checkbox"/> NA	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<u>He</u>	<u>He</u>
<u>Run Log:</u>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
- Samples within 12 hour clock?	(Y)	N
- Bottle position verified?		<u>He</u>

Mass resolution  $\geq$

5k     6-8K     8K     10K  
 1614    1699    429    1613/1668/8280

Intergrated peaks display correctly?

GC Break <20%

**8280 CS1 End Standard:**

- Ratios within limits, S/N <2.5:1, CS1 within 12 hours

**Comments:**

(A) 1 mass affected by column bleed.

	<u>Beg.</u>	<u>End</u>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
	<input type="checkbox"/>	<input type="checkbox"/> NA

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

*hr 6-14-2020* *CT 06/15/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.02e6	3.19	NO	1.17	1.000	15.52	15.53	1.001	1.001	NO	58.87	118	0.0162	58.87
2	2 PCB-2	9.69e5	3.21	NO	1.18	1.000	17.94	17.93	0.988	0.987	NO	55.56	111	0.0166	55.56
3	3 PCB-3	9.70e5	3.19	NO	1.15	1.000	18.17	18.17	1.001	1.001	NO	57.32	115	0.0171	57.32
4	4 PCB-4/10	1.43e6	1.61	NO	1.25	1.000	19.59	19.58	1.004	1.004	NO	111.9	112	0.0902	111.9
5	5 PCB-7/9	1.75e6	1.57	NO	0.960	1.000	21.39	21.36	1.003	1.001	NO	111.4	111	0.0717	111.4
6	6 PCB-6	9.11e5	1.58	NO	1.02	1.000	22.04	22.04	1.033	1.033	NO	54.42	109	0.0673	54.42
7	7 PCB-5/8	1.81e6	1.56	NO	0.992	1.000	22.44	22.44	1.052	1.052	NO	111.4	111	0.0694	111.4
8	8 PCB-14	8.97e5	1.59	NO	1.02	1.000	23.58	23.58	0.952	0.951	NO	56.23	112	0.0753	56.23
9	9 PCB-11	9.62e5	1.58	NO	1.13	1.000	24.80	24.80	1.001	1.001	NO	54.49	109	0.0680	54.49
10	10 PCB-12/13	1.75e6	1.61	NO	1.03	1.000	25.23	25.18	1.018	1.016	NO	108.6	109	0.0746	108.6
11	11 PCB-15	8.98e5	1.60	NO	1.03	1.000	25.54	25.53	1.031	1.030	NO	55.37	111	0.0741	55.37
12	12 PCB-19	3.97e5	1.03	NO	1.11	1.000	23.77	23.76	1.001	1.001	NO	53.52	107	0.0382	53.52
13	13 PCB-30	6.45e5	1.04	NO	1.79	1.000	24.67	24.67	1.039	1.039	NO	53.60	107	0.0236	53.60
14	14 PCB-18	4.27e5	1.02	NO	0.818	1.000	25.44	25.44	0.952	0.952	NO	53.31	107	0.0366	53.31
15	15 PCB-17	3.98e5	1.05	NO	0.758	1.000	25.62	25.62	0.958	0.958	NO	53.62	107	0.0395	53.62
16	16 PCB-24/27	1.15e6	1.04	NO	1.08	1.000	26.23	26.22	0.981	0.981	NO	108.5	108	0.0277	108.5
17	17 PCB-16/32	9.77e5	1.02	NO	0.925	1.000	26.75	26.75	1.001	1.001	NO	107.8	108	0.0323	107.8
18	18 PCB-34	7.24e5	1.02	NO	0.945	1.000	27.56	27.56	0.959	0.959	NO	59.32	119	0.0456	59.32
19	19 PCB-23	5.97e5	1.02	NO	0.883	1.000	27.65	27.65	0.962	0.962	NO	52.38	105	0.0488	52.38
20	20 PCB-29	6.44e5	1.04	NO	0.893	1.000	27.91	27.91	0.971	0.971	NO	55.91	112	0.0483	55.91
21	21 PCB-26	6.81e5	1.03	NO	0.944	1.000	28.14	28.14	0.979	0.979	NO	55.91	112	0.0457	55.91
22	22 PCB-25	6.70e5	1.06	NO	0.950	1.000	28.29	28.29	0.984	0.984	NO	54.66	109	0.0454	54.66
23	23 PCB-31	7.91e5	1.03	NO	1.04	1.000	28.66	28.66	0.997	0.997	NO	59.17	118	0.0416	59.17
24	24 PCB-28	7.44e5	1.06	NO	1.03	1.000	28.77	28.77	1.001	1.001	NO	56.21	112	0.0421	56.21
25	25 PCB-20/21/33	1.99e6	1.04	NO	0.941	1.000	29.41	29.40	1.023	1.023	NO	164.1	109	0.0458	164.1
26	26 PCB-22	7.18e5	1.04	NO	0.973	1.000	29.85	29.85	1.038	1.038	NO	57.18	114	0.0443	57.18
27	27 PCB-36	6.99e5	1.05	NO	1.08	1.000	30.49	30.48	0.931	0.931	NO	55.90	112	0.0447	55.90
28	28 PCB-39	6.35e5	1.06	NO	0.988	1.000	30.97	30.97	0.946	0.946	NO	55.30	111	0.0487	55.30
29	29 PCB-38	7.02e5	1.07	NO	1.05	1.000	31.77	31.77	0.970	0.970	NO	57.46	115	0.0457	57.46
30	30 PCB-35	6.79e5	1.02	NO	1.04	1.000	32.31	32.31	0.987	0.987	NO	56.01	112	0.0461	56.01
31	31 PCB-37	6.78e5	1.05	NO	1.01	1.000	32.75	32.75	1.001	1.001	NO	57.86	116	0.0477	57.86
32	32 PCB-54	5.21e5	0.76	NO	1.08	1.000	27.62	27.62	1.001	1.001	NO	54.60	109	0.0403	54.60

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	ru/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	4.03e5	0.76	NO	0.880	1.000	28.81	28.81	1.044	1.044	NO	51.88	104	0.0494	51.88
34	34 PCB-53	3.78e5	0.77	NO	0.997	1.000	29.48	29.48	0.944	0.944	NO	56.29	113	0.0591	56.29
35	35 PCB-51	4.03e5	0.77	NO	1.07	1.000	29.82	29.83	0.955	0.955	NO	56.23	112	0.0553	56.23
36	36 PCB-45	3.16e5	0.78	NO	0.858	1.000	30.27	30.28	0.969	0.970	NO	54.69	109	0.0686	54.69
37	37 PCB-46	2.97e5	0.77	NO	0.831	1.000	30.76	30.78	0.985	0.986	NO	53.11	106	0.0709	53.11
38	38 PCB-52/69	8.77e5	0.79	NO	1.17	1.000	31.26	31.26	1.001	1.001	NO	111.7	112	0.0505	111.7
39	39 PCB-73	5.12e5	0.78	NO	1.44	1.000	31.38	31.39	1.005	1.005	NO	52.65	105	0.0408	52.65
40	40 PCB-43/49	7.36e5	0.80	NO	1.02	1.000	31.55	31.56	1.010	1.011	NO	107.6	108	0.0580	107.6
41	41 PCB-47	3.64e5	0.76	NO	0.922	1.000	31.77	31.79	1.001	1.001	NO	54.59	109	0.0567	54.59
42	42 PCB-48/75	8.65e5	0.78	NO	1.12	1.000	31.88	31.90	1.004	1.005	NO	106.8	107	0.0467	106.8
43	43 PCB-65	4.69e5	0.78	NO	1.28	1.000	32.15	32.16	1.013	1.013	NO	50.63	101	0.0408	50.63
44	44 PCB-62	4.56e5	0.78	NO	1.13	1.000	32.26	32.27	1.016	1.016	NO	55.91	112	0.0464	55.91
45	45 PCB-44	3.11e5	0.77	NO	0.824	1.000	32.60	32.60	1.027	1.027	NO	52.25	105	0.0635	52.25
46	46 PCB-42/59	7.99e5	0.79	NO	1.05	1.000	32.83	32.83	1.034	1.034	NO	105.3	105	0.0498	105.3
47	47 PCB-41/64/71/72	1.87e6	0.78	NO	1.19	1.000	33.43	33.44	1.053	1.053	NO	217.4	109	0.0441	217.4
48	48 PCB-68	4.82e5	0.80	NO	1.28	1.000	33.68	33.70	1.061	1.062	NO	52.20	104	0.0409	52.20
49	49 PCB-40	2.31e5	0.78	NO	0.602	1.000	33.91	33.93	1.068	1.069	NO	53.02	106	0.0869	53.02
50	50 PCB-57	5.19e5	0.77	NO	1.16	1.000	34.29	34.30	0.969	0.969	NO	54.30	109	0.0407	54.30
51	51 PCB-67	4.86e5	0.77	NO	1.08	1.000	34.61	34.61	0.978	0.978	NO	54.56	109	0.0437	54.56
52	52 PCB-58	5.21e5	0.78	NO	1.20	1.000	34.73	34.73	0.982	0.982	NO	52.70	105	0.0393	52.70
53	53 PCB-63	4.70e5	0.77	NO	1.07	1.000	34.88	34.89	0.986	0.986	NO	53.40	107	0.0442	53.40
54	54 PCB-74	5.20e5	0.78	NO	1.19	1.000	35.18	35.19	0.994	0.995	NO	53.36	107	0.0399	53.36
55	55 PCB-61/70	9.73e5	0.79	NO	1.05	1.000	35.39	35.40	1.000	1.001	NO	112.3	112	0.0449	112.3
56	56 PCB-76/66	1.04e6	0.77	NO	1.16	1.000	35.59	35.60	1.006	1.006	NO	109.0	109	0.0406	109.0
57	57 PCB-80	5.54e5	0.77	NO	1.19	1.000	35.84	35.84	1.001	1.001	NO	54.41	109	0.0384	54.41
58	58 PCB-55	5.48e5	0.77	NO	1.17	1.000	36.16	36.16	1.010	1.009	NO	54.64	109	0.0390	54.64
59	59 PCB-56/60	9.56e5	0.78	NO	1.02	1.000	36.68	36.68	1.024	1.024	NO	109.5	110	0.0448	109.5
60	60 PCB-79	5.31e5	0.78	NO	1.14	1.000	37.78	37.78	1.055	1.055	NO	54.44	109	0.0401	54.44
61	61 PCB-78	5.01e5	0.77	NO	1.14	1.000	38.50	38.50	0.987	0.987	NO	53.90	108	0.0419	53.90
62	62 PCB-81	4.74e5	0.77	NO	1.05	1.000	39.04	39.04	1.000	1.000	NO	55.32	111	0.0455	55.32
63	63 PCB-77	5.02e5	0.79	NO	1.14	1.000	39.66	39.66	1.000	1.000	NO	54.36	109	0.0425	54.36
64	64 PCB-104	3.06e5	1.62	NO	1.12	1.000	32.44	32.46	1.001	1.001	NO	54.04	108	0.0447	54.04
65	65 PCB-96	2.97e5	1.61	NO	1.15	1.000	33.76	33.76	1.041	1.041	NO	51.07	102	0.0434	51.07
66	66 PCB-103	2.34e5	1.60	NO	0.936	1.000	34.32	34.32	1.059	1.059	NO	49.52	99.0	0.0535	49.52
67	67 PCB-100	2.44e5	1.60	NO	0.954	1.000	34.67	34.67	1.069	1.069	NO	50.66	101	0.0526	50.66
68	68 PCB-94	1.92e5	1.58	NO	0.949	1.000	35.18	35.17	0.985	0.985	NO	51.77	104	0.0658	51.77

75-125%



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Prod.RT	RT	Prod.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	7.55e5	1.58	NO	1.20	1.000	35.65	35.66	0.999	0.999	NO	160.2	107	0.0518	160.2
70	70 PCB-93	1.73e5	1.63	NO	0.935	1.000	35.77	35.79	1.002	1.003	NO	47.32	94.6	0.0668	47.32
71	71 PCB-88/91	3.95e5	1.59	NO	1.06	1.000	36.12	36.12	1.012	1.012	NO	94.86	94.9	0.0586	94.86
72	72 PCB-121	3.56e5	1.58	NO	1.71	1.000	36.21	36.21	1.015	1.015	NO	53.31	107	0.0365	53.31
73	73 PCB-84/92	4.02e5	1.58	NO	1.02	1.000	37.08	37.07	0.990	0.990	NO	102.4	102	0.0631	102.4
74	74 PCB-89	2.17e5	1.65	NO	1.11	1.000	37.25	37.26	0.995	0.995	NO	50.95	102	0.0582	50.95
75	75 PCB-90/101	4.42e5	1.58	NO	1.12	1.000	37.46	37.44	1.000	1.000	NO	102.0	102	0.0572	102.0
76	76 PCB-113	3.18e5	1.58	NO	1.51	1.000	37.70	37.70	1.007	1.007	NO	54.46	109	0.0424	54.46
77	77 PCB-99	2.37e5	1.58	NO	1.32	1.000	37.79	37.80	1.009	1.009	NO	46.57	93.1	0.0486	46.57
78	78 PCB-119	3.10e5	1.58	NO	1.81	1.000	38.28	38.28	0.987	0.987	NO	50.90	102	0.0405	50.90
79	79 PCB-108/112	5.09e5	1.58	NO	1.44	1.000	38.44	38.43	0.991	0.991	NO	104.6	105	0.0506	104.6
80	80 PCB-83	3.14e5	1.59	NO	1.83	1.000	38.59	38.60	0.995	0.995	NO	50.92	102	0.0399	50.92
81	81 PCB-97	2.22e5	1.60	NO	1.28	1.000	38.80	38.80	1.000	1.000	NO	51.31	103	0.0570	51.31
82	82 PCB-86	2.17e5	1.57	NO	1.12	1.000	38.95	38.95	1.004	1.004	NO	57.63	115	0.0654	57.63
83	83 PCB-87/117/125	8.24e5	1.58	NO	1.56	1.000	39.10	39.08	1.008	1.008	NO	156.9	105	0.0469	156.9
84	84 PCB-111/115	6.59e5	1.59	NO	1.91	1.000	39.25	39.25	1.012	1.012	NO	102.5	102	0.0382	102.5
85	85 PCB-85/116	5.09e5	1.62	NO	1.41	1.000	39.38	39.38	1.015	1.015	NO	107.1	107	0.0518	107.1
86	86 PCB-120	3.56e5	1.57	NO	2.01	1.000	39.64	39.64	1.022	1.022	NO	52.78	106	0.0364	52.78
87	87 PCB-110	3.05e5	1.57	NO	1.74	1.000	39.77	39.77	1.026	1.025	NO	51.93	104	0.0419	51.93
88	88 PCB-82	1.80e5	1.56	NO	0.781	1.000	40.43	40.42	0.976	0.976	NO	51.45	103	0.0713	51.45
89	89 PCB-124	3.08e5	1.62	NO	1.40	1.000	41.13	41.13	0.993	0.993	NO	49.08	98.2	0.0399	49.08
90	90 PCB-107/109	6.43e5	1.57	NO	1.34	1.000	41.28	41.28	0.996	0.996	NO	106.8	107	0.0415	106.8
91	91 PCB-123	2.83e5	1.56	NO	1.20	1.000	41.45	41.44	1.000	1.000	NO	52.65	105	0.0465	52.65
92	92 PCB-106/118	6.19e5	1.62	NO	1.22	1.000	41.65	41.67	1.001	1.001	NO	103.2	103	0.0415	103.2
93	93 PCB-114	4.45e5	1.56	NO	1.14	1.000	42.31	42.30	1.000	1.000	NO	53.96	108	0.0464	53.96
94	94 PCB-122	3.84e5	1.57	NO	0.944	1.000	42.45	42.46	1.004	1.004	NO	56.24	112	0.0561	56.24
95	95 PCB-105	4.40e5	1.58	NO	1.05	1.000	43.19	43.19	1.000	1.000	NO	55.13	110	0.0483	55.13
96	96 PCB-127	4.68e5	1.58	NO	1.06	1.000	43.55	43.55	1.000	1.000	NO	55.44	111	0.0475	55.44
97	97 PCB-126	5.03e5	1.57	NO	1.17	1.000	45.51	45.51	1.000	1.000	NO	54.93	110	0.0427	54.93
98	98 PCB-155	1.54e5	1.29	NO	1.04	1.000	36.98	36.98	1.000	1.001	NO	51.38	103	0.0449	51.38
99	99 PCB-150	1.59e5	1.27	NO	1.08	1.000	38.30	38.30	1.036	1.036	NO	51.19	102	0.0433	51.19
100	1... PCB-152	1.81e5	1.29	NO	1.19	1.000	38.78	38.78	1.049	1.049	NO	53.28	107	0.0395	53.28
101	1... PCB-145	1.77e5	1.30	NO	1.19	1.000	39.25	39.25	1.062	1.062	NO	52.10	104	0.0395	52.10
102	1... PCB-136	1.59e5	1.28	NO	1.02	1.000	39.58	39.58	1.071	1.071	NO	54.33	109	0.0459	54.33
103	1... PCB-148	1.16e5	1.33	NO	0.842	1.000	39.69	39.68	1.074	1.074	NO	47.92	95.8	0.0557	47.92
104	1... PCB-154	1.33e5	1.32	NO	0.919	1.000	40.20	40.20	1.088	1.088	NO	50.42	101	0.0510	50.42

1157

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	1.13e5	1.36	NO	0.787	1.000	40.86	40.85	1.105	1.105	NO	50.11	100	0.0596	50.11
106	1... PCB-135	1.23e5	1.26	NO	0.922	1.000	41.07	41.07	1.111	1.111	NO	46.74	93.5	0.0509	46.74
107	1... PCB-144	1.24e5	1.31	NO	0.789	1.000	41.18	41.18	1.114	1.114	NO	54.87	110	0.0595	54.87
108	1... PCB-147	1.21e5	1.37	NO	0.834	1.000	41.31	41.31	1.118	1.118	NO	50.79	102	0.0562	50.79
109	1... PCB-139/149	2.83e5	1.31	NO	0.948	1.000	41.60	41.59	1.125	1.125	NO	104.3	104	0.0495	104.3
110	1... PCB-140	1.15e5	1.31	NO	0.794	1.000	41.78	41.78	1.130	1.130	NO	50.67	101	0.0591	50.67
111	1... PCB-134/143	4.88e5	1.26	NO	0.759	1.000	42.26	42.25	0.975	0.975	NO	106.2	106	0.126	106.2
112	1... PCB-131/133	5.27e5	1.25	NO	0.821	1.000	42.56	42.55	0.982	0.982	NO	106.1	106	0.116	106.1
113	1... PCB-142	2.30e5	1.24	NO	0.754	1.000	42.70	42.70	0.985	0.985	NO	50.34	101	0.126	50.34
114	1... PCB-146/165	6.54e5	1.25	NO	1.02	1.000	42.95	42.95	0.991	0.991	NO	106.3	106	0.0938	106.3
115	1... PCB-132/161	6.50e5	1.27	NO	1.02	1.000	43.18	43.18	0.996	0.996	NO	104.8	105	0.0931	104.8
116	1... PCB-153	3.45e5	1.24	NO	1.07	1.000	43.36	43.37	1.000	1.000	NO	53.23	106	0.0891	53.23
117	1... PCB-168	3.52e5	1.25	NO	1.08	1.000	43.59	43.59	1.006	1.006	NO	53.93	108	0.0885	53.93
118	1... PCB-141	2.88e5	1.27	NO	1.03	1.000	44.12	44.12	1.000	1.000	NO	53.53	107	0.109	53.53
119	1... PCB-137	2.79e5	1.23	NO	1.11	1.000	44.52	44.52	1.010	1.009	NO	47.85	95.7	0.101	47.85
120	1... PCB-130	2.39e5	1.25	NO	0.885	1.000	44.62	44.63	1.012	1.012	NO	51.35	103	0.126	51.35
121	1... PCB-138/163/164	1.08e6	1.24	NO	1.28	1.000	45.01	45.03	1.001	1.001	NO	163.1	109	0.0877	163.1
122	1... PCB-158/160	7.00e5	1.24	NO	1.24	1.000	45.26	45.26	1.006	1.006	NO	109.1	109	0.0908	109.1
123	1... PCB-129	2.44e5	1.24	NO	0.867	1.000	45.52	45.51	1.012	1.012	NO	54.47	109	0.130	54.47
124	1... PCB-166	3.82e5	1.25	NO	1.14	1.000	45.99	45.98	0.993	0.993	NO	51.88	104	0.0795	51.88
125	1... PCB-159	4.24e5	1.22	NO	1.22	1.000	46.32	46.32	1.000	1.000	NO	54.05	108	0.0747	54.05
126	1... PCB-128/162	6.31e5	1.24	NO	0.907	1.000	46.61	46.62	1.007	1.007	NO	107.7	108	0.100	107.7
127	1... PCB-167	3.76e5	1.24	NO	1.11	1.000	47.02	47.02	1.000	1.000	NO	53.01	106	0.0837	53.01
128	1... PCB-156	3.82e5	1.24	NO	1.13	1.000	48.35	48.37	1.000	1.001	NO	54.43	109	0.0874	54.43
129	1... PCB-157	3.54e5	1.26	NO	1.04	1.000	48.65	48.63	1.001	1.000	NO	53.27	107	0.0908	53.27
130	1... PCB-169	3.74e5	1.25	NO	1.16	1.000	50.91	50.91	1.000	1.000	NO	55.09	110	0.0886	55.09
131	1... PCB-188	3.00e5	1.06	NO	1.29	1.000	43.01	42.99	1.001	1.000	NO	52.86	106	0.0736	52.86
132	1... PCB-184	2.92e5	1.06	NO	1.23	1.000	43.44	43.44	1.011	1.011	NO	53.72	107	0.0771	53.72
133	1... PCB-179	3.04e5	1.06	NO	1.30	1.000	44.26	44.26	1.030	1.030	NO	53.19	106	0.0731	53.19
134	1... PCB-176	2.91e5	1.05	NO	1.31	1.000	44.72	44.73	1.041	1.041	NO	50.48	101	0.0725	50.48
135	1... PCB-186	3.30e5	1.03	NO	1.33	1.000	45.35	45.35	1.055	1.056	NO	56.41	113	0.0714	56.41
136	1... PCB-178	2.15e5	1.03	NO	0.943	1.000	45.87	45.87	1.067	1.067	NO	51.79	104	0.101	51.79
137	1... PCB-175	2.13e5	1.03	NO	0.956	1.000	46.22	46.23	1.076	1.076	NO	50.60	101	0.0993	50.60
138	1... PCB-182/187	5.09e5	1.04	NO	1.07	1.000	46.40	46.42	1.080	1.080	NO	108.2	108	0.0890	108.2
139	1... PCB-183	2.38e5	1.05	NO	1.02	1.000	46.74	46.74	1.088	1.088	NO	52.84	106	0.0928	52.84
140	1... PCB-185	2.13e5	1.04	NO	1.41	1.000	47.42	47.42	0.955	0.955	NO	51.60	103	0.108	51.60

Handwritten note: 13/12/20



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	1.93e5	1.03	NO	1.35	1.000	47.81	47.80	0.962	0.962	NO	48.68	97.4	0.113	48.68
142	1... PCB-181	2.33e5	1.04	NO	1.47	1.000	47.90	47.89	0.964	0.964	NO	53.92	108	0.103	53.92
143	1... PCB-177	1.94e5	1.05	NO	1.28	1.000	48.06	48.06	0.968	0.968	NO	51.68	103	0.119	51.68
144	1... PCB-171	2.07e5	1.03	NO	1.32	1.000	48.36	48.37	0.974	0.974	NO	53.56	107	0.116	53.56
145	1... PCB-173	1.85e5	1.06	NO	1.19	1.000	48.80	48.80	0.983	0.982	NO	52.88	106	0.128	52.88
146	1... PCB-172	2.11e5	1.05	NO	1.38	1.000	49.28	49.28	0.992	0.992	NO	52.18	104	0.111	52.18
147	1... PCB-192	2.76e5	1.04	NO	1.83	1.000	49.47	49.47	0.996	0.996	NO	51.57	103	0.0835	51.57
148	1... PCB-180	2.20e5	1.03	NO	1.41	1.000	49.69	49.69	1.000	1.000	NO	53.12	106	0.108	53.12
149	1... PCB-193	2.50e5	1.02	NO	1.68	1.000	49.90	49.90	1.005	1.005	NO	50.77	102	0.0909	50.77
150	1... PCB-191	2.58e5	1.04	NO	1.71	1.000	50.17	50.17	1.010	1.010	NO	51.42	103	0.0892	51.42
151	1... PCB-170	1.91e5	1.05	NO	1.40	1.000	51.36	51.36	1.000	1.000	NO	52.84	106	0.121	52.84
152	1... PCB-190	2.55e5	1.06	NO	1.85	1.000	51.55	51.55	1.004	1.004	NO	53.27	107	0.0918	53.27
153	1... PCB-189	2.75e5	1.02	NO	1.45	1.000	53.09	53.08	1.000	1.000	NO	52.53	105	0.0727	52.53
154	1... PCB-202	1.95e5	0.90	NO	1.17	1.000	48.60	48.58	1.001	1.000	NO	51.96	104	0.0495	51.96
155	1... PCB-201	1.72e5	0.92	NO	1.05	1.000	49.09	49.09	1.011	1.011	NO	50.68	101	0.0549	50.68
156	1... PCB-204	1.81e5	0.90	NO	1.14	1.000	49.23	49.24	1.014	1.014	NO	49.23	98.5	0.0507	49.23
157	1... PCB-197	1.80e5	0.90	NO	1.13	1.000	49.55	49.56	1.020	1.021	NO	49.39	98.8	0.0510	49.39
158	1... PCB-200	1.76e5	0.93	NO	1.07	1.000	50.48	50.49	1.040	1.040	NO	50.95	102	0.0540	50.95
159	1... PCB-198	1.36e5	0.91	NO	0.794	1.000	52.06	52.06	1.072	1.072	NO	53.38	107	0.0728	53.38
160	1... PCB-199	1.30e5	0.91	NO	0.809	1.000	52.16	52.17	1.074	1.075	NO	49.92	99.8	0.0714	49.92
161	1... PCB-196/203	2.82e5	0.91	NO	0.838	1.000	52.48	52.48	1.081	1.081	NO	104.3	104	0.0690	104.3
162	1... PCB-195	2.19e5	0.90	NO	1.04	1.000	53.78	53.78	0.984	0.983	NO	48.65	97.3	0.0796	48.65
163	1... PCB-194	2.55e5	0.89	NO	1.12	1.000	54.70	54.70	1.000	1.000	NO	52.90	106	0.0745	52.90
164	1... PCB-205	3.20e5	0.91	NO	1.29	1.000	54.97	54.98	1.005	1.005	NO	57.52	115	0.0645	57.52
165	1... PCB-208	2.65e5	1.34	NO	0.933	1.000	53.94	53.94	1.000	1.000	NO	52.67	105	0.0818	52.67
166	1... PCB-207	2.52e5	1.34	NO	0.916	1.000	54.26	54.26	1.006	1.006	NO	51.05	102	0.0833	51.05
167	1... PCB-206	2.02e5	1.33	NO	1.01	1.000	56.24	56.24	1.000	1.000	NO	51.59	103	0.105	51.59
168	1... PCB-209	1.79e5	1.19	NO	0.986	1.000	57.47	57.48	1.000	1.000	NO	52.55	105	0.0112	52.55
169	1... 13C-PCB-1	1.48e6	3.32	NO	0.893	1.000	15.50	15.51	0.608	0.608	NO	102.1	102	0.0669	102.1
170	1... 13C-PCB-3	1.47e6	3.27	NO	0.911	1.000	18.15	18.16	0.712	0.712	NO	99.47	99.5	0.0657	99.47
171	1... 13C-PCB-4	1.03e6	1.63	NO	0.600	1.000	19.50	19.51	0.765	0.765	NO	105.0	105	0.0532	105.0
172	1... 13C-PCB-9	1.64e6	1.57	NO	0.970	1.000	21.33	21.33	0.836	0.836	NO	103.7	104	0.0329	103.7
173	1... 13C-PCB-11	1.57e6	1.59	NO	0.962	1.000	24.77	24.78	0.971	0.972	NO	100.3	100	0.0332	100.3
174	1... 13C-PCB-19	6.70e5	1.06	NO	0.499	1.000	23.74	23.74	0.931	0.931	NO	82.59	82.6	0.431	82.59
175	1... 13C-PCB-32	9.79e5	1.05	NO	0.744	1.000	26.72	26.73	1.048	1.048	NO	80.90	80.9	0.289	80.90
176	1... 13C-PCB-28	1.29e6	1.06	NO	1.06	1.000	28.75	28.75	1.004	1.004	NO	92.06	92.1	0.364	92.06

Handwritten blue annotations: "75102" with an arrow pointing to row 141, and "97457" with an arrow pointing to row 169.

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.16e6	1.06	NO	0.989	1.000	32.73	32.73	1.143	1.143	NO	89.19	89.2	0.391	
178	1... 13C-PCB-54	8.83e5	0.79	NO	0.999	1.000	27.61	27.60	0.753	0.753	NO	105.5	106	0.113	
179	1... 13C-PCB-52	6.73e5	0.79	NO	0.804	1.000	31.24	31.23	0.852	0.852	NO	99.96	100	0.141	
180	1... 13C-PCB-47	7.23e5	0.80	NO	0.857	1.000	31.76	31.75	0.866	0.866	NO	100.7	101	0.132	
181	1... 13C-PCB-70	8.22e5	0.80	NO	0.996	1.000	35.39	35.38	0.965	0.965	NO	98.54	98.5	0.114	
182	1... 13C-PCB-80	8.58e5	0.80	NO	1.03	1.000	35.82	35.82	0.977	0.977	NO	99.58	99.6	0.110	
183	1... 13C-PCB-81	8.19e5	0.81	NO	0.988	1.000	39.03	39.02	1.064	1.064	NO	98.93	98.9	0.115	
184	1... 13C-PCB-77	8.12e5	0.80	NO	0.969	1.000	39.64	39.64	1.081	1.081	NO	100.1	100	0.117	
185	1... 13C-PCB-104	5.04e5	1.61	NO	1.02	1.000	32.44	32.42	0.827	0.826	NO	102.1	102	0.0527	
186	1... 13C-PCB-95	3.91e5	1.63	NO	0.805	1.000	35.69	35.69	0.910	0.910	NO	99.89	99.9	0.0665	
187	1... 13C-PCB-101	3.86e5	1.66	NO	0.793	1.000	37.44	37.44	0.954	0.954	NO	100.1	100	0.0675	
188	1... 13C-PCB-97	3.37e5	1.62	NO	0.696	1.000	38.78	38.78	0.989	0.989	NO	99.51	99.5	0.0769	
189	1... 13C-PCB-123	4.49e5	1.60	NO	0.933	1.000	41.42	41.42	1.056	1.056	NO	98.96	99.0	0.0574	
190	1... 13C-PCB-118	4.92e5	1.66	NO	0.986	1.000	41.61	41.61	1.061	1.061	NO	102.7	103	0.0543	
191	1... 13C-PCB-114	7.23e5	1.58	NO	1.55	1.000	42.29	42.29	0.908	0.908	NO	105.0	105	0.0824	
192	1... 13C-PCB-105	7.60e5	1.60	NO	1.57	1.000	43.17	43.18	0.927	0.927	NO	108.6	109	0.0810	
193	1... 13C-PCB-127	7.98e5	1.58	NO	1.62	1.000	43.53	43.54	0.934	0.935	NO	110.4	110	0.0784	
194	1... 13C-PCB-126	7.82e5	1.55	NO	1.57	1.000	45.49	45.49	0.976	0.976	NO	112.1	112	0.0813	
195	1... 13C-PCB-155	2.86e5	1.30	NO	0.615	1.000	36.96	36.96	0.942	0.942	NO	95.90	95.9	0.0397	
196	1... 13C-PCB-153	6.05e5	1.28	NO	1.36	1.000	43.34	43.35	0.930	0.930	NO	99.68	99.7	0.0974	
197	1... 13C-PCB-141	5.25e5	1.29	NO	1.13	1.000	44.11	44.10	0.947	0.947	NO	104.6	105	0.118	
198	1... 13C-PCB-138	5.17e5	1.27	NO	1.18	1.000	44.97	44.98	0.965	0.965	NO	98.19	98.2	0.112	
199	1... 13C-PCB-159	6.45e5	1.28	NO	1.44	1.000	46.30	46.30	0.994	0.994	NO	100.7	101	0.0924	
200	2... 13C-PCB-167	6.40e5	1.29	NO	1.44	1.000	47.01	47.00	1.009	1.009	NO	99.94	99.9	0.0923	
201	2... 13C-PCB-156	6.23e5	1.28	NO	1.40	1.000	48.32	48.33	1.037	1.037	NO	100.3	100	0.0952	
202	2... 13C-PCB-157	6.39e5	1.30	NO	1.40	1.000	48.61	48.61	1.043	1.044	NO	102.8	103	0.0952	
203	2... 13C-PCB-169	5.86e5	1.27	NO	1.33	1.000	50.89	50.89	1.092	1.092	NO	98.92	98.9	0.0999	
204	2... 13C-PCB-188	4.41e5	0.45	NO	1.41	1.000	42.96	42.97	0.926	0.926	NO	97.24	97.2	0.0964	
205	2... 13C-PCB-180	2.93e5	0.45	NO	0.929	1.000	49.65	49.67	1.070	1.071	NO	98.22	98.2	0.146	
206	2... 13C-PCB-170	2.58e5	0.46	NO	0.794	1.000	51.32	51.34	1.106	1.107	NO	101.1	101	0.171	
207	2... 13C-PCB-189	3.60e5	0.47	NO	1.04	1.000	53.07	53.07	1.144	1.144	NO	107.1	107	0.130	
208	2... 13C-PCB-202	3.22e5	0.93	NO	1.04	1.000	48.55	48.56	1.046	1.047	NO	96.64	96.6	0.0840	
209	2... 13C-PCB-194	4.32e5	0.88	NO	0.768	1.000	54.71	54.69	0.995	0.995	NO	92.15	92.2	0.135	
210	2... 13C-PCB-208	5.39e5	0.80	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	89.12	89.1	0.0910	
211	2... 13C-PCB-206	3.89e5	0.78	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	115.6	116	0.163	
212	2... 13C-PCB-209	3.44e5	1.21	NO	0.396	1.000	57.48	57.47	1.046	1.046	NO	142.4	142	0.0264	

10/145%

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:37:02 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.63e6	1.57	NO	1.00	1.000	25.51	25.51	1.000	0.000	NO	100.0	100	0.0319	
214	2... 13C-PCB-31	1.32e6	1.05	NO	1.00	1.000	28.64	28.64	1.000	0.000	NO	100.0	100	0.387	
215	2... 13C-PCB-60	8.38e5	0.80	NO	1.00	1.000	36.66	36.66	1.000	0.000	NO	100.0	100	0.113	
216	2... 13C-PCB-111	4.86e5	1.67	NO	1.00	1.000	39.23	39.23	1.000	0.000	NO	100.0	100	0.0535	
217	2... 13C-PCB-128	4.45e5	1.28	NO	1.00	1.000	46.59	46.59	1.000	0.000	NO	100.0	100	0.133	
218	2... 13C-PCB-182	3.22e5	0.45	NO	1.00	1.000	46.40	46.40	0.000	0.000	NO	100.0	100	0.136	
219	2... 13C-PCB-205	6.10e5	0.90	NO	1.00	1.000	54.97	54.97	1.000	0.000	NO	100.0	100	0.103	
220	2... 13C-PCB-79	8.95e5	0.79	NO	1.07	1.000	37.76	37.76	1.030	1.030	NO	99.94	99.9	0.106	
221	2... 13C-PCB-178	3.03e5	0.43	NO	0.766	1.000	45.84	45.85	0.988	0.988	NO	88.80	88.8	0.129	
222	2... 13C-PCB-79	8.95e5	0.79	NO	1.08	1.000	37.76	37.76	0.968	0.968	NO	101.0	101	0.111	
223	2... 13C-PCB-178	3.03e5	0.43	NO	1.05	1.000	45.85	45.85	0.923	0.923	NO	98.21	98.2	0.148	

*75-125*  
↓

Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:28:22 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:26  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Compound name: PCB-4/10

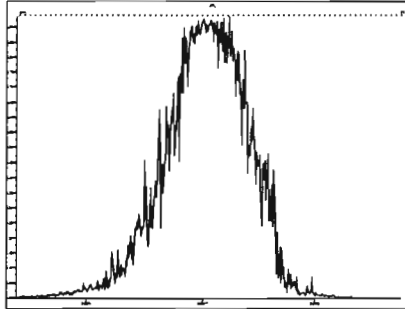
	Name	ID	Acq.Date	Acq.Time
1	200613K2_1	ST200613K2-1 PCB 209 CS0 19G2606	13-Jun-20	14:50:37
2	200613K2_2	ST200613K2-2 PCB 209 CS1 19G2607	13-Jun-20	15:49:45
3	200613K2_3	ST200613K2-3 PCB 209 CS2 19G2608	13-Jun-20	16:50:09
4	200613K2_4	ST200613K2-4 PCB 209 CS4 19G2610	13-Jun-20	17:50:38
5	200613K2_5	ST200613K2-5 PCB 209 CS5 19G2611	13-Jun-20	18:51:07
6	200613K2_6	ST200613K2-6 PCB 209 CS3 19G2609	13-Jun-20	19:52:58
7	200613K2_7	SS200613K2-1 PCB 209 SS 19G2612	13-Jun-20	20:52:07
8	200613K2_8	B0F0059-BS1 OPR 5	13-Jun-20	21:52:36
9	200613K2_9	B0F0051-BS1 OPR 1	13-Jun-20	22:53:20
10	200613K2_10	SOLVENT BLANK	13-Jun-20	23:54:53
11	200613K2_11	B0F0051-BLK1 Method Blank 1	14-Jun-20	00:54:07
12	200613K2_12	B0F0059-BLK1 Method Blank 5	14-Jun-20	01:56:17
13	200613K2_13	2001124-01 OWS-BAFA-T200519132631 1	14-Jun-20	02:56:45
14	200613K2_14	2001124-02 OWS-LHAL-T200521132730 1	14-Jun-20	03:55:52
15	200613K2_15	2001124-03 OWS-LHPO-T200521132823 1	14-Jun-20	04:56:17
16	200613K2_16	2001124-04 OWS-ROIS-T200519132732 1	14-Jun-20	05:56:43

*ST200613K2-6 used as cal  
targetted against valid Icar  
from 6-1-2020 Hc 6-14-2020*

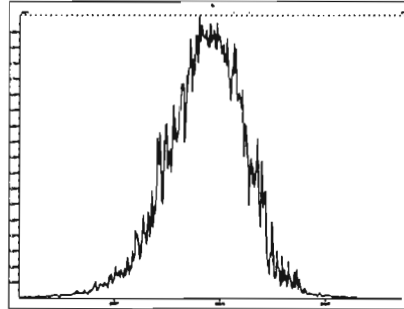
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Saturday, June 13, 2020 14:45:24 Pacific Daylight Time

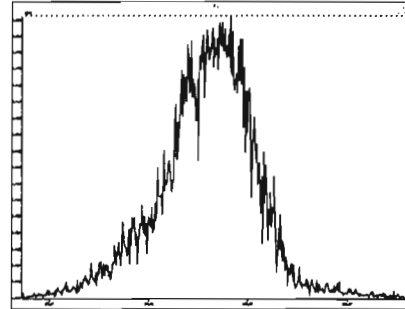
M 168.9888 R 11111



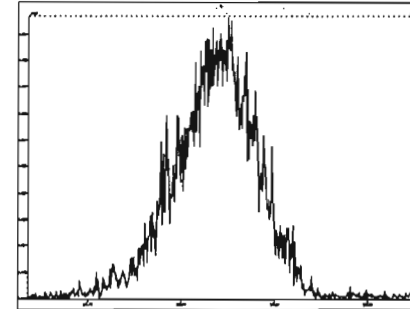
M 180.9888 R 11162



M 192.9888 R 10043



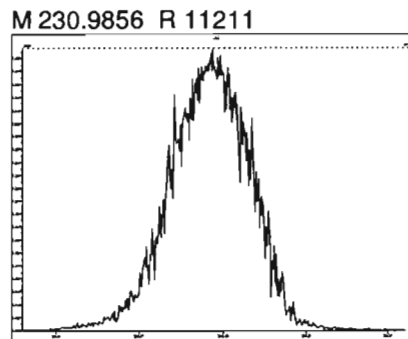
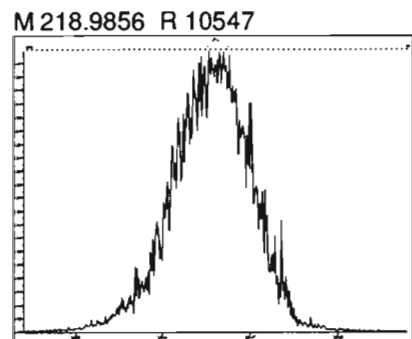
M 204.9888 R 10504



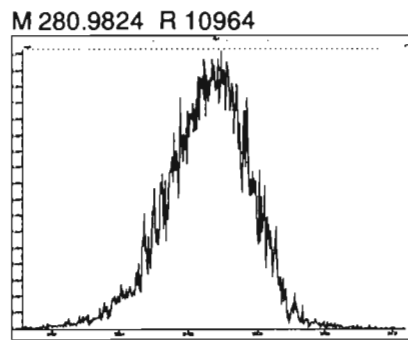
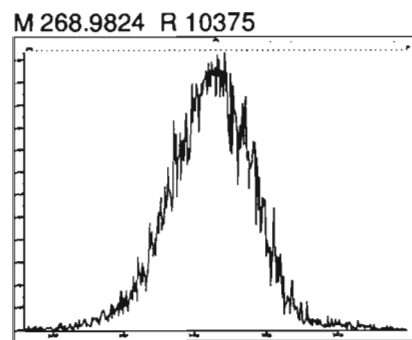
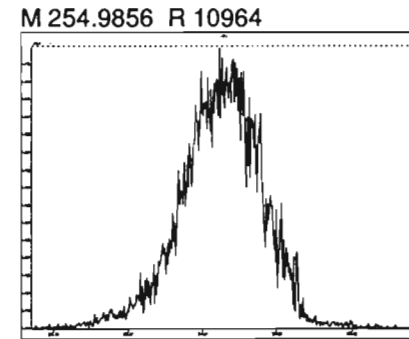


File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Saturday, June 13, 2020 14:46:10 Pacific Daylight Time

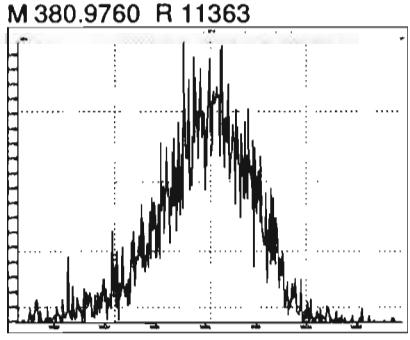
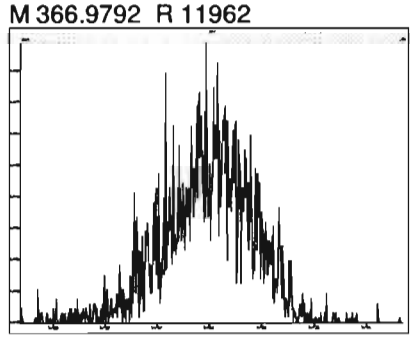
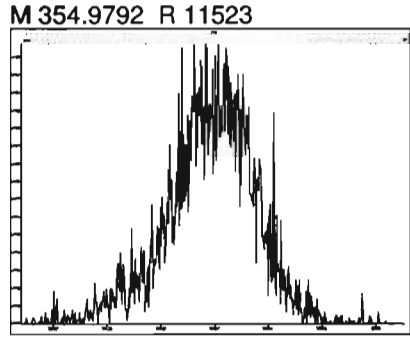
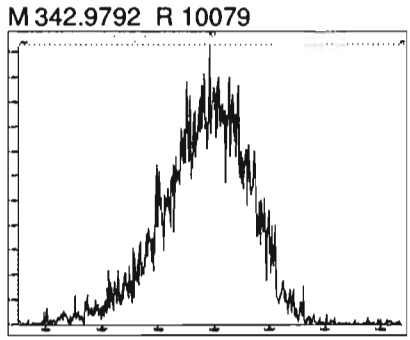
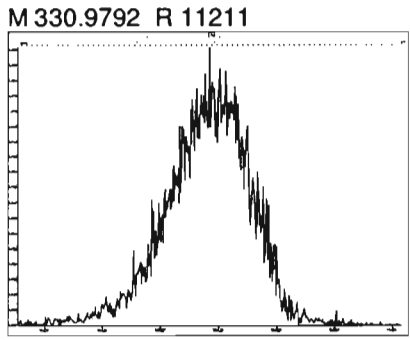
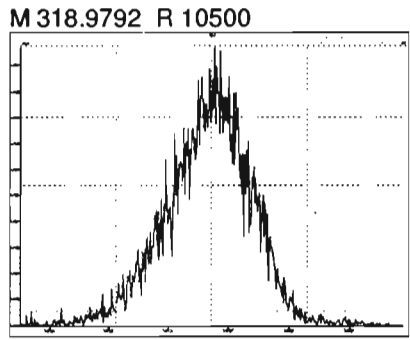
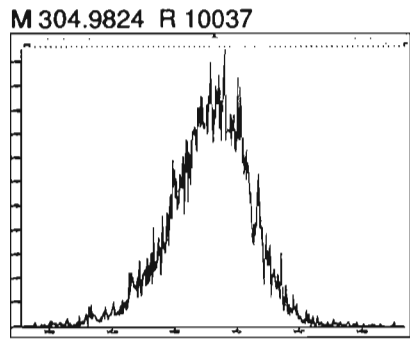
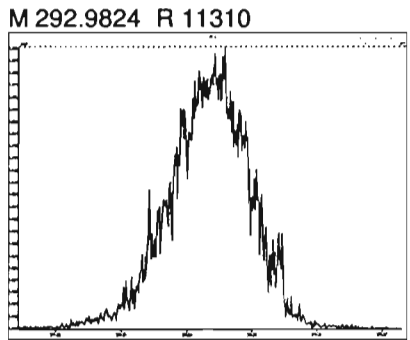
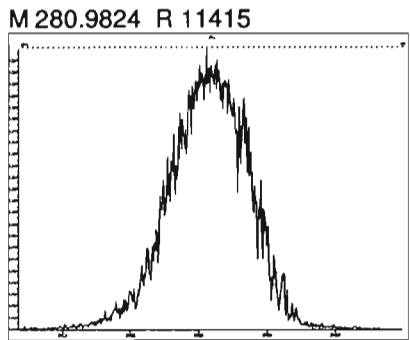
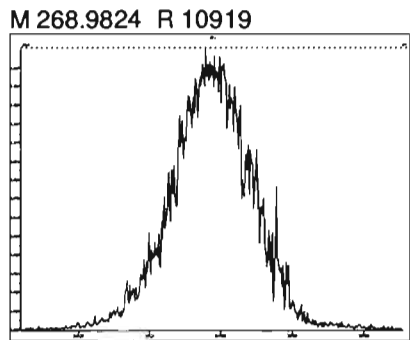
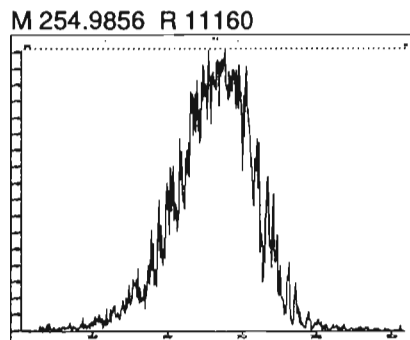


M 242.9856 R 11011



File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

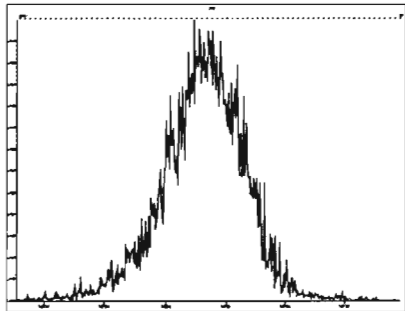
Printed: Saturday, June 13, 2020 14:47:28 Pacific Daylight Time



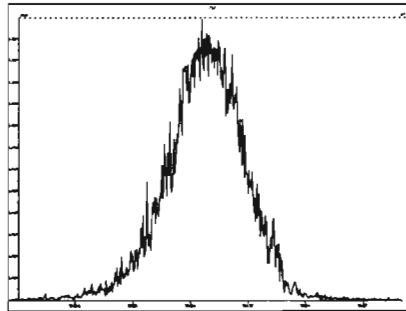
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Saturday, June 13, 2020 14:48:37 Pacific Daylight Time

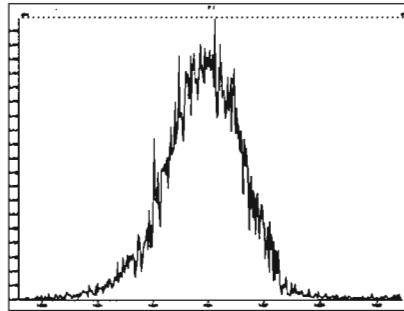
M 318.9792 R 11466



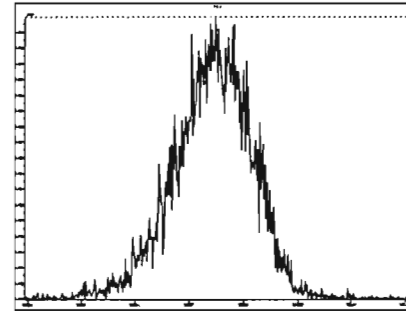
M 330.9792 R 11158



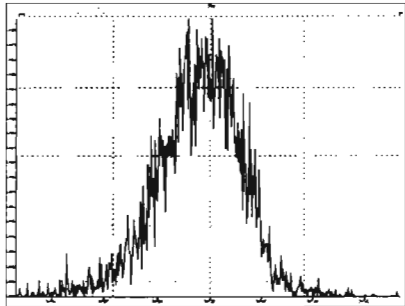
M 342.9792 R 11364



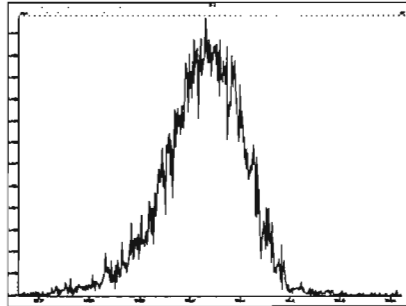
M 354.9792 R 11520



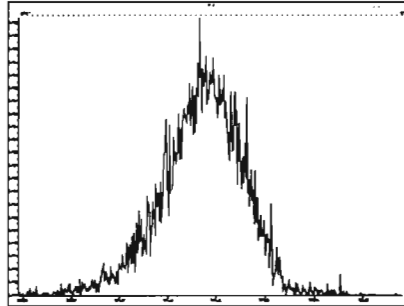
M 366.9792 R 12313



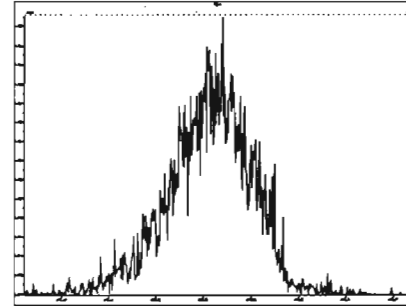
M 380.9760 R 11470



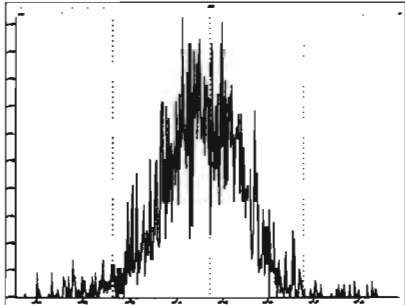
M 392.9760 R 12316



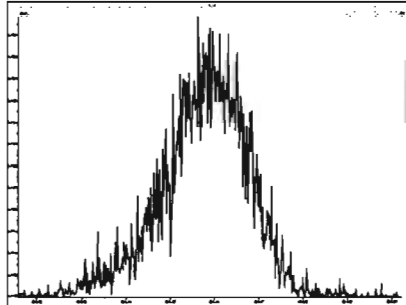
M 404.9760 R 11013



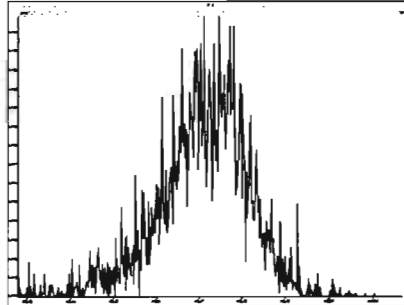
M 416.9760 R 13301



M 430.9728 R 11413



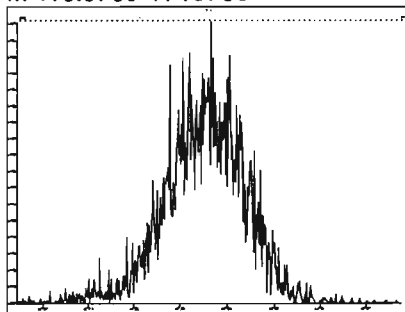
M 442.9728 R 13658



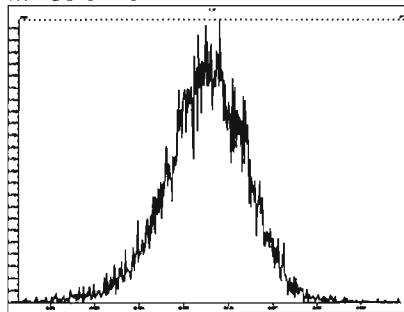
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Saturday, June 13, 2020 14:49:59 Pacific Daylight Time

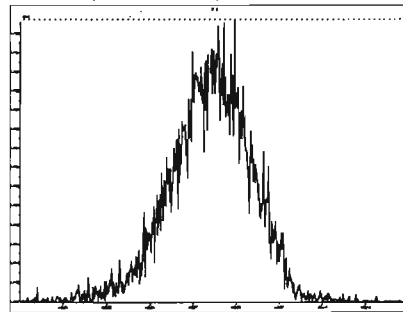
M 416.9760 R 13738



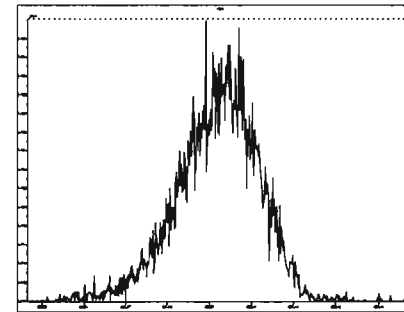
M 430.9728 R 11211



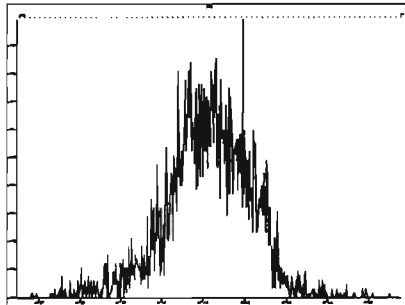
M 442.9728 R 11312



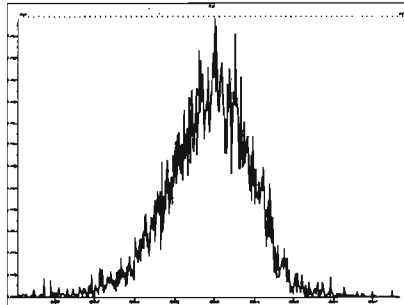
M 454.9728 R 11016



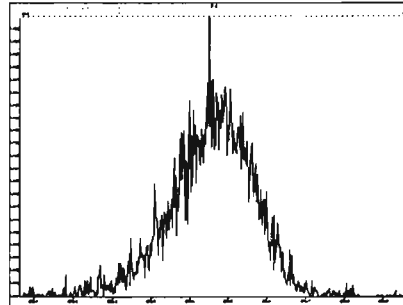
M 466.9728 R 15820



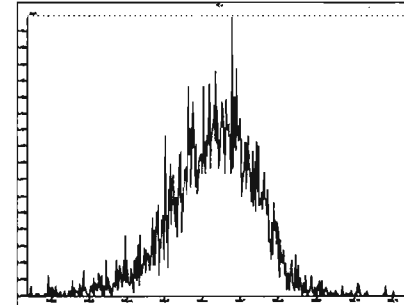
M 480.9696 R 11208



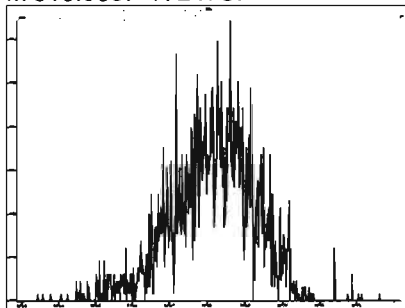
M 492.9696 R 11312



M 504.9696 R 12562



M 516.9697 R 24757



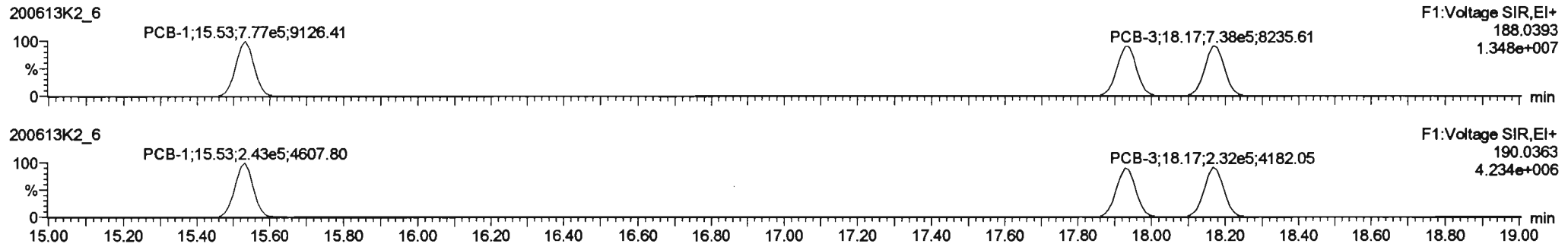
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

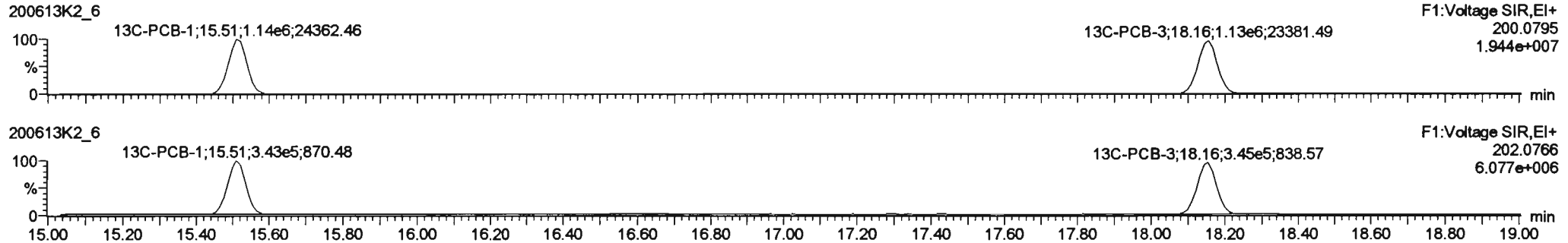
Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:26  
Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

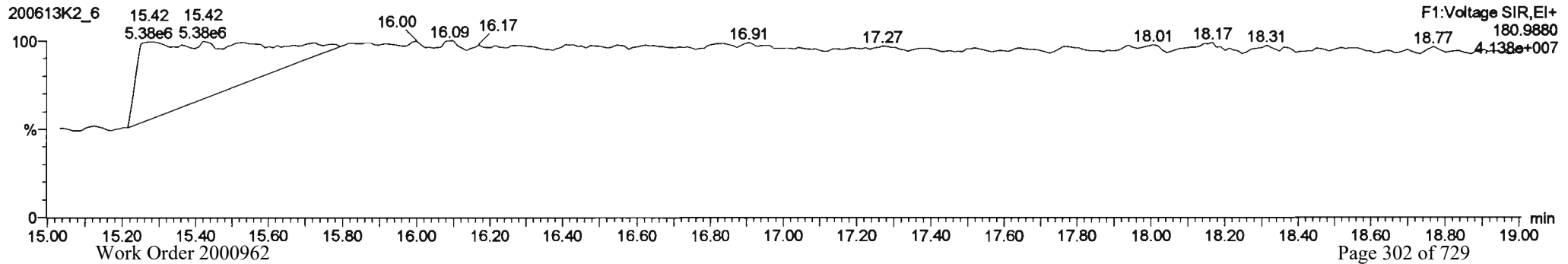
**PCB-1**



**13C-PCB-1**



**PFK1**



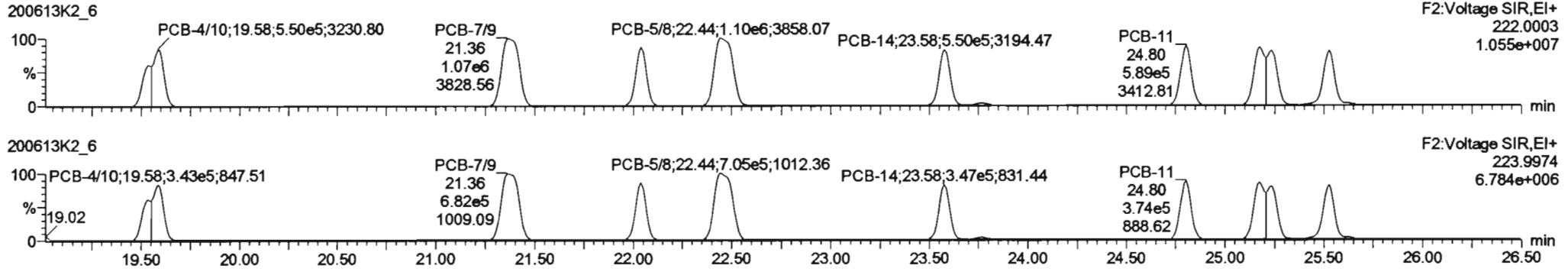


Dataset: Untitled

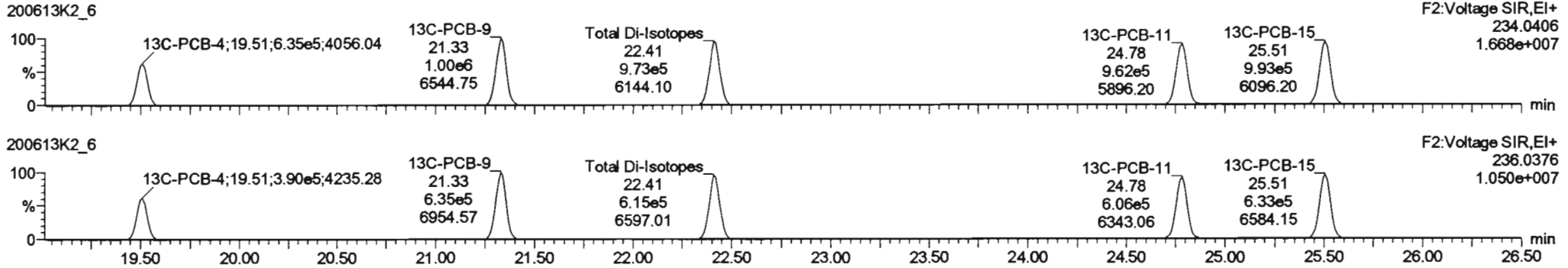
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

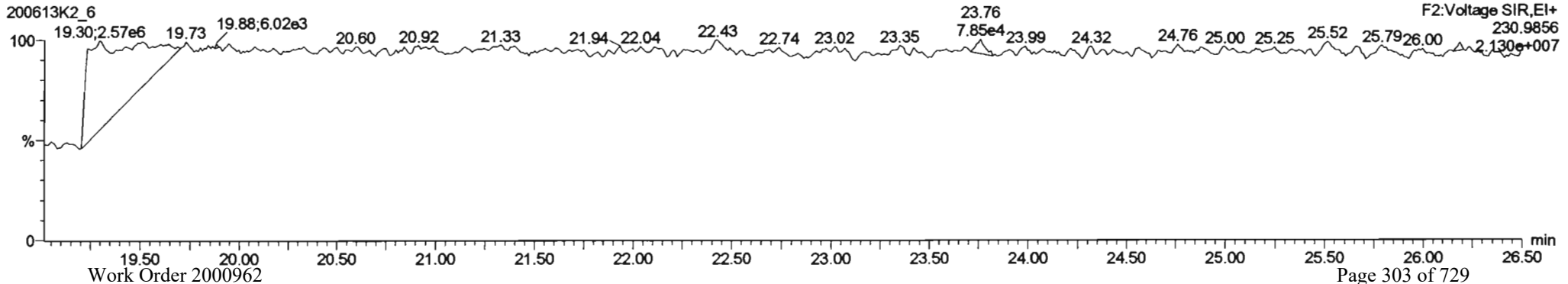
**PCB-4/10**



**13C-PCB-4**

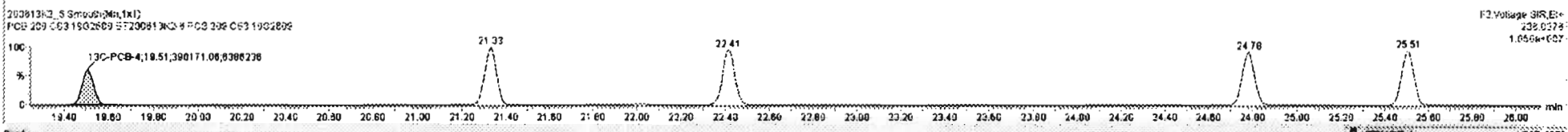
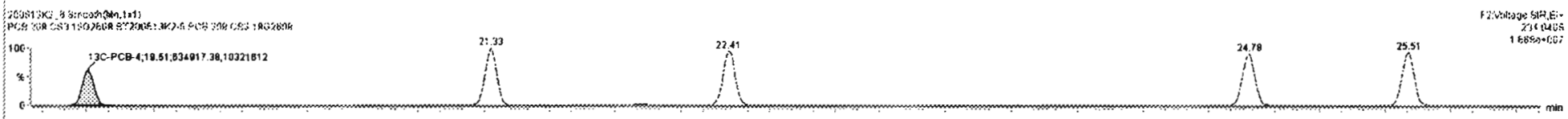
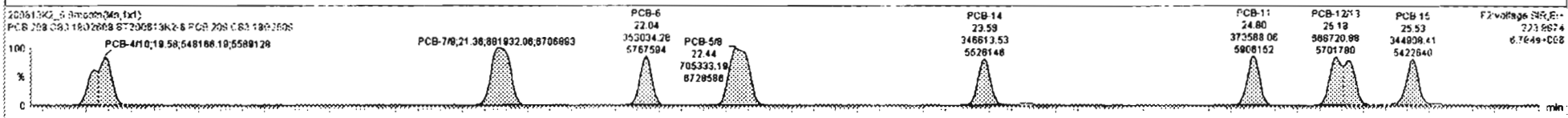
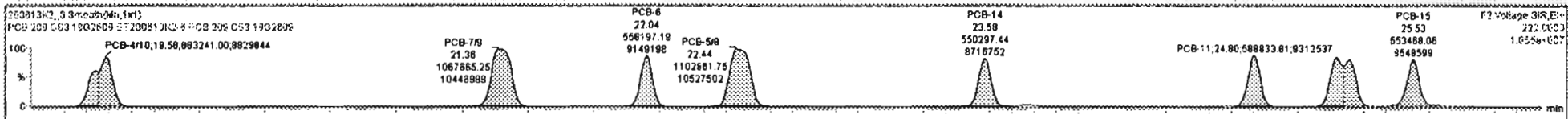


**PFK2a**



#	Name	Area	RA	off	RF	width	Peak RT	RT	Area	RT	RF	Comp	%Rec	DL	EWPC
225	1st Function PCBs				1.0000	1.0000	0.00		0.000		NO	863.7		0.581	863.7
226	2nd Function PCBs				1.0000	1.0000	0.00		0.000		NO	430.4		0.198	430.4
227	3rd Function PCBs				0.9826	1.0000	0.00		0.000		NO	897.4		0.840	897.4
228	Total PCBs				1.0778	1.0000	0.00		0.000		NO	2273		1.55	2273
229	3rd Function PCBs				1.3157	1.0000	0.00		0.000		NO	2119		1.45	2119
230	4th Function PCBs				1.0735	1.0000	0.00		0.000		NO	275.7		0.241	275.7
231	3rd Function PCBs				0.8905	1.0000	0.00		0.000		NO	718.1		0.655	718.1
232	4th Function PCBs				1.0318	1.0000	0.00		0.000		NO	1490		1.98	1490
233	Total PCBs				1.9664	1.0000	0.00		0.000		NO	1961		2.21	1961

#	Name	Peak RT	RT	Area	Height	Width	Area	Height	Width	Area	Height	Width	Area	Height	Width	Area	Height	Width
4	PCB-4/0	19.59	19.59	8.832e5	5.482e5	1.580	1.81	NO	111.88	111.88								
5	PCB-7/9	21.39	21.36	1.068e6	8.219e5	1.580	1.57	NO	111.40	111.40								
6	PCB-6	22.04	22.04	5.582e5	3.530e5	1.580	1.58	NO	54.423	54.423								
7	PCB-5/8	22.44	22.44	1.103e6	7.053e5	1.580	1.58	NO	111.37	111.37								
8	PCB-14	23.59	23.59	5.503e5	3.496e5	1.580	1.59	NO	58.227	58.227								
9	PCB-11	24.80	24.80	5.898e5	3.738e5	1.580	1.58	NO	54.490	54.490								
10	PCB-12/13	25.23	25.18	1.079e6	8.887e5	1.580	1.81	NO	108.58	108.58								
11	PCB-15	25.54	25.53	5.535e5	3.449e5	1.580	1.80	NO	55.385	55.385								

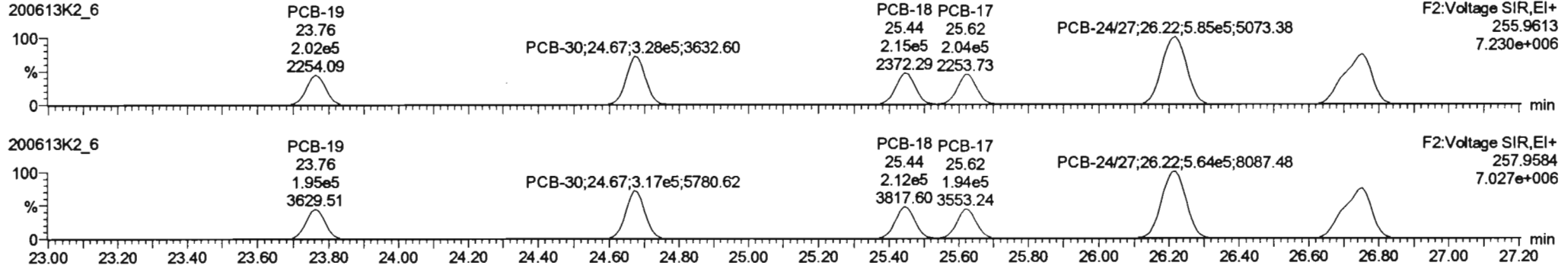


Dataset: Untitled

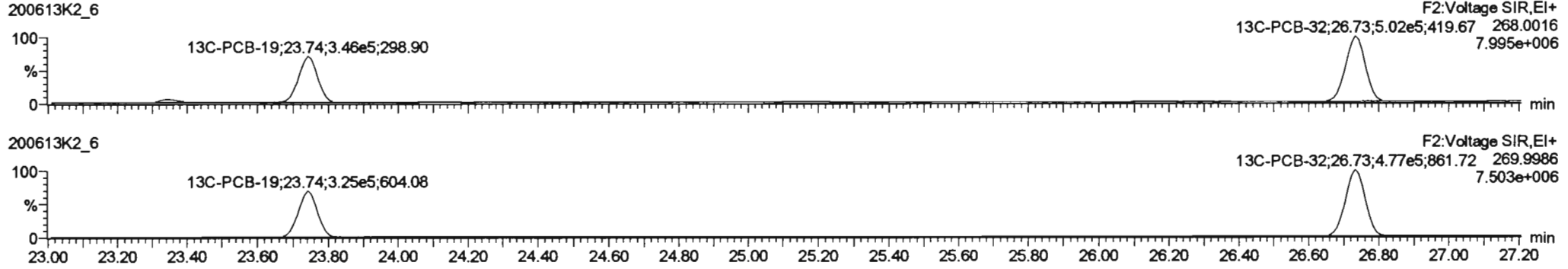
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

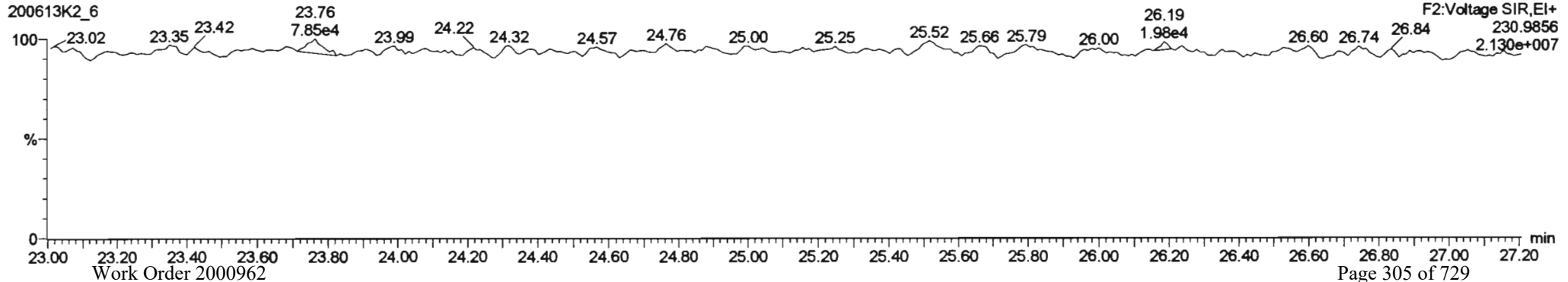
**PCB-19**



**13C-PCB-19**



**PFK2b**

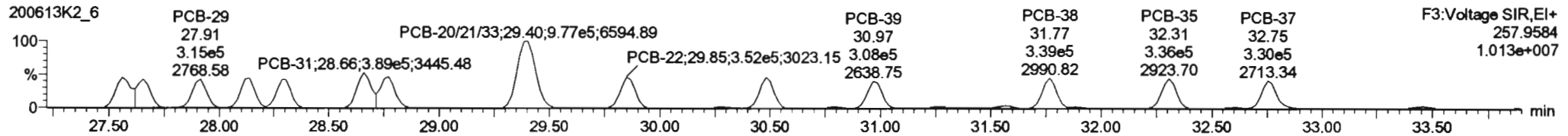
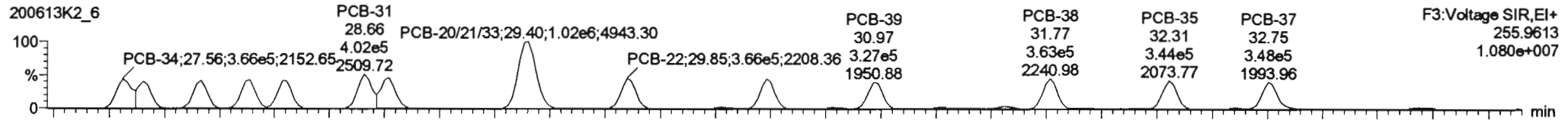


Dataset: Untitled

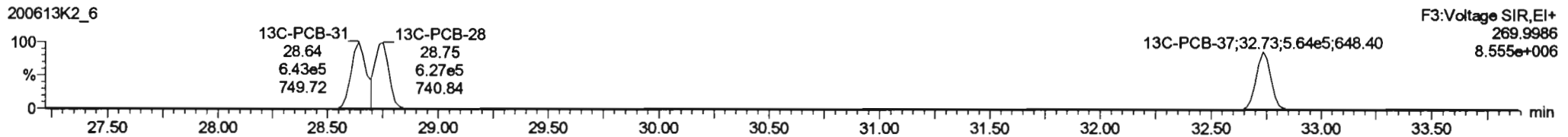
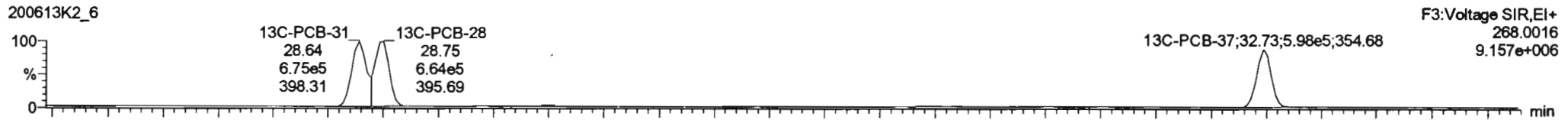
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

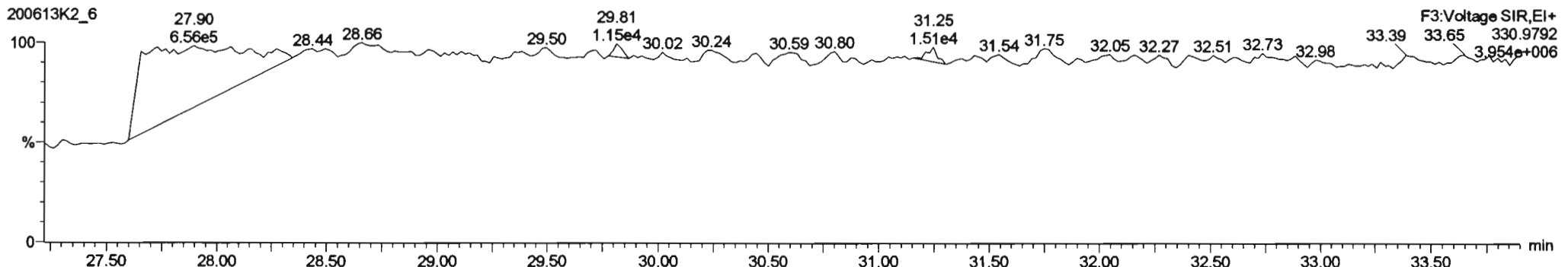
**PCB-34**

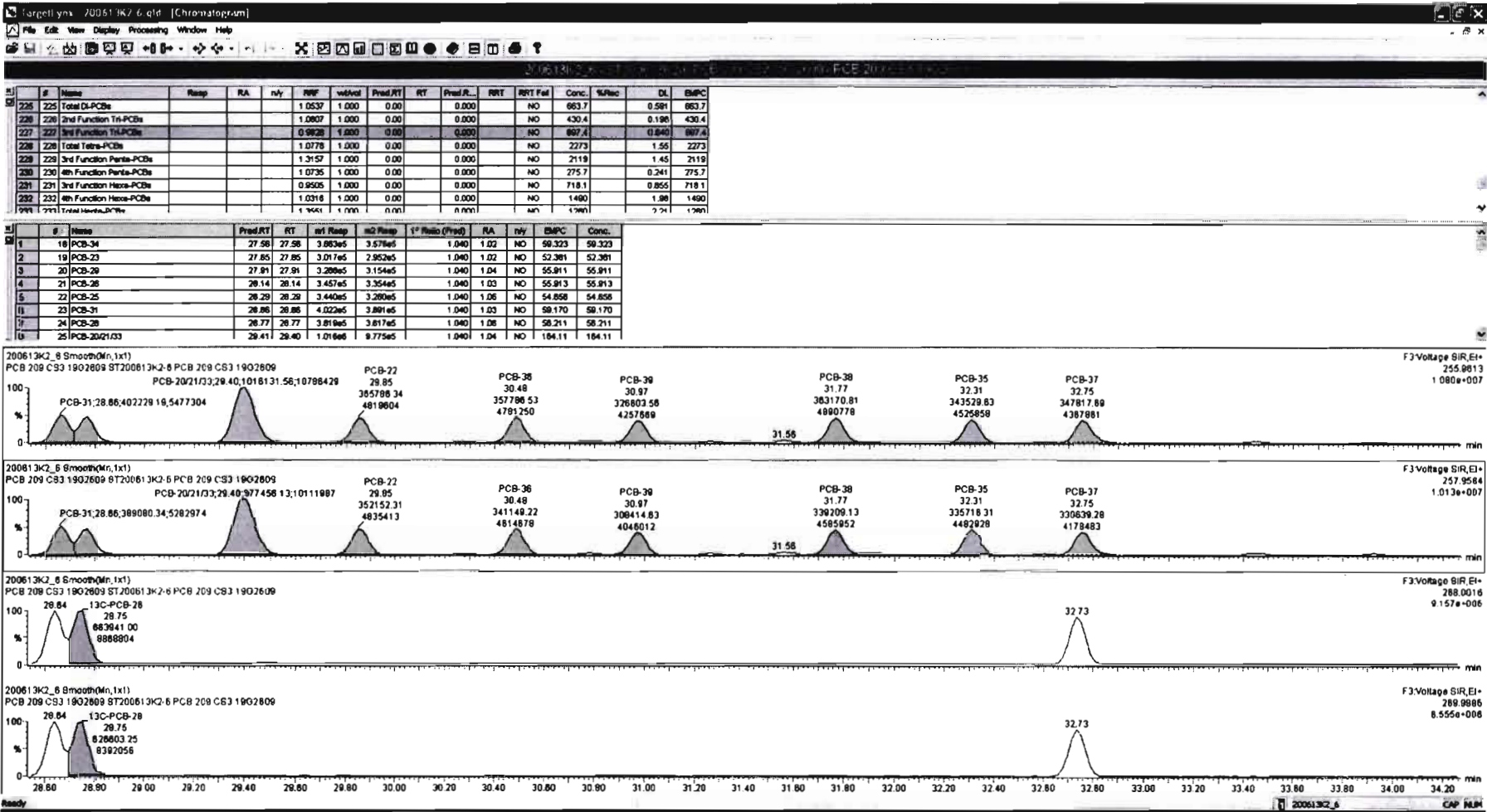


**13C-PCB-28**



**PFK3d**



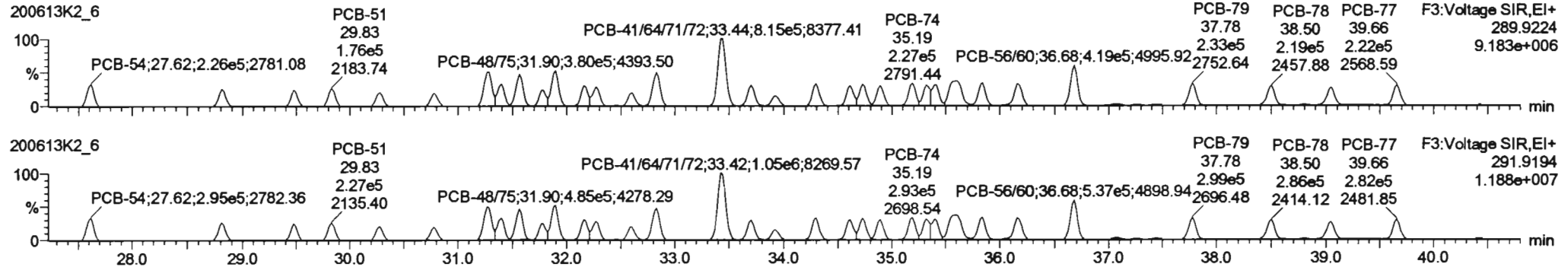


Dataset: Untitled

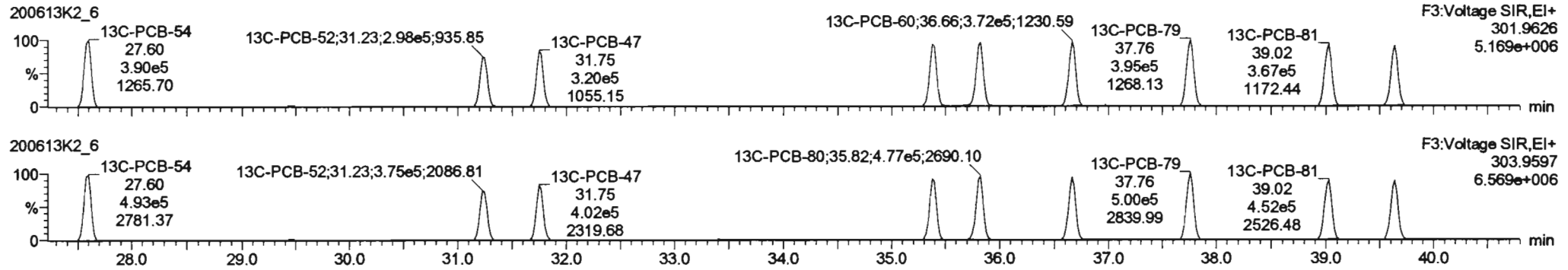
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

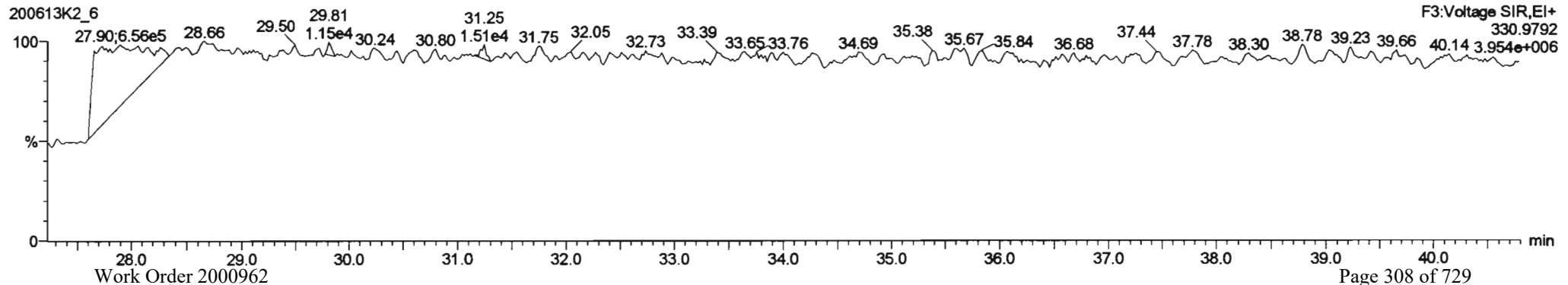
**PCB-54**



**13C-PCB-54**



**PFK3a**



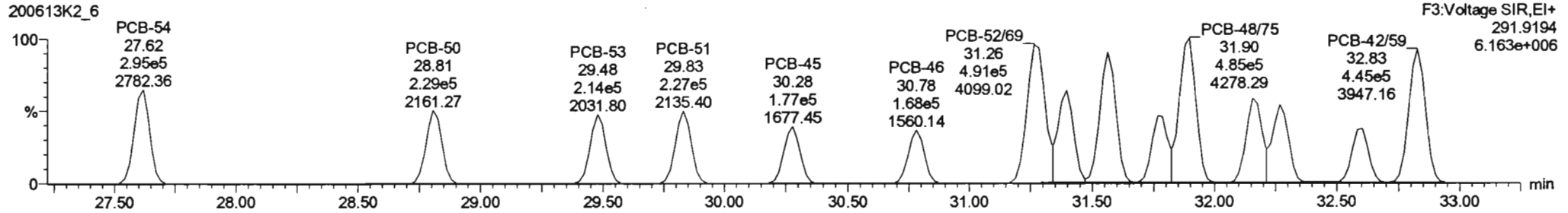
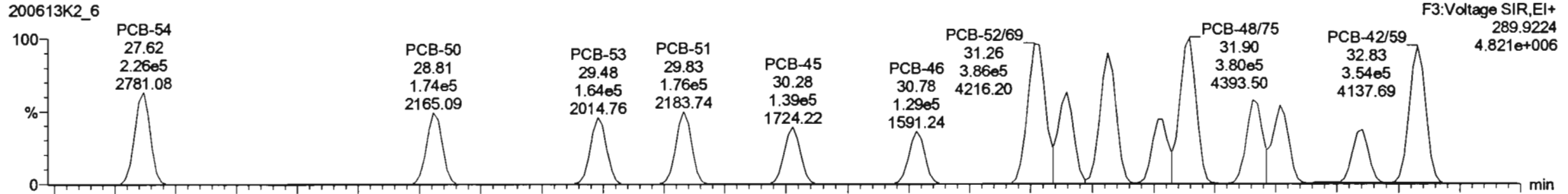


Dataset: Untitled

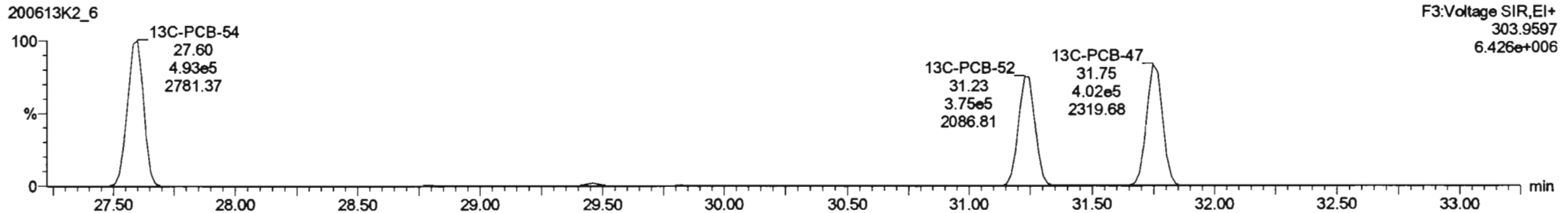
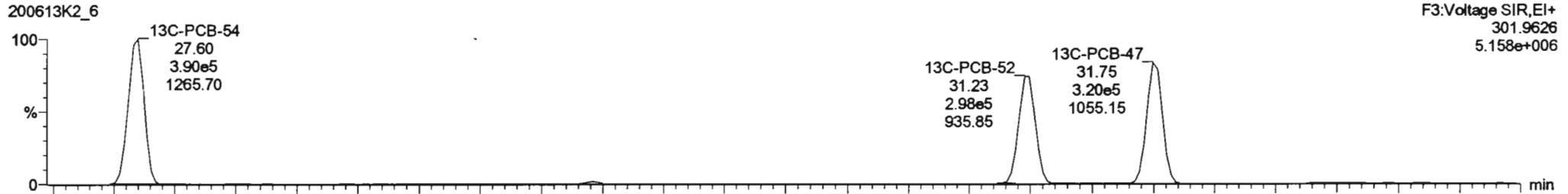
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-50**



**13C-PCB-52**

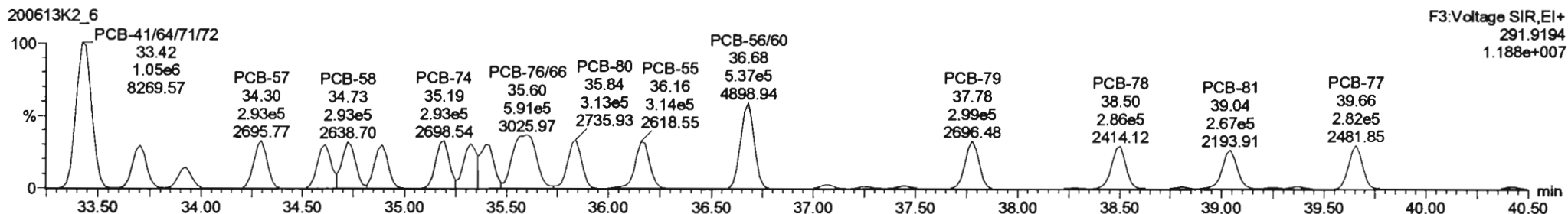
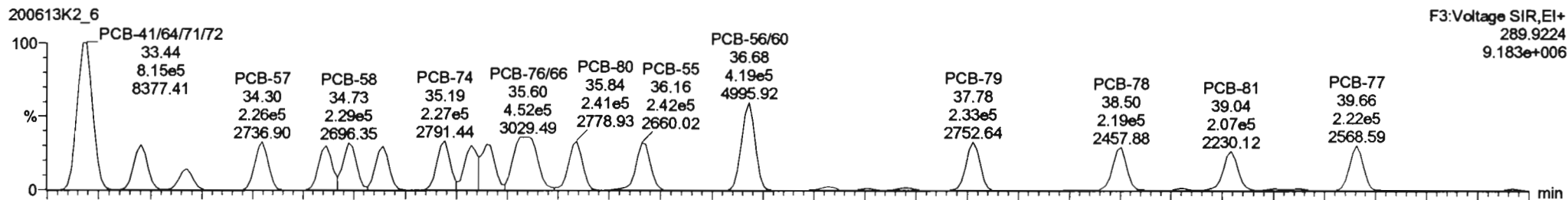


Dataset: Untitled

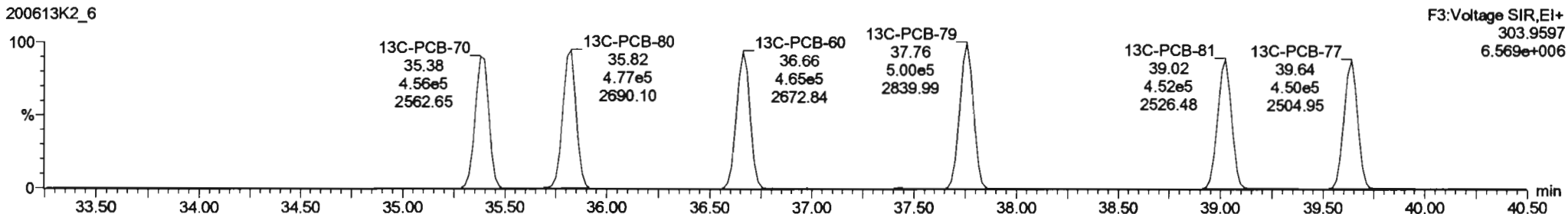
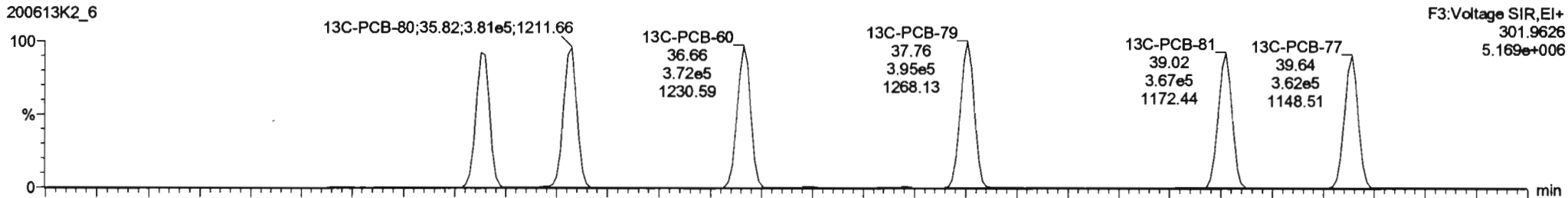
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-68**

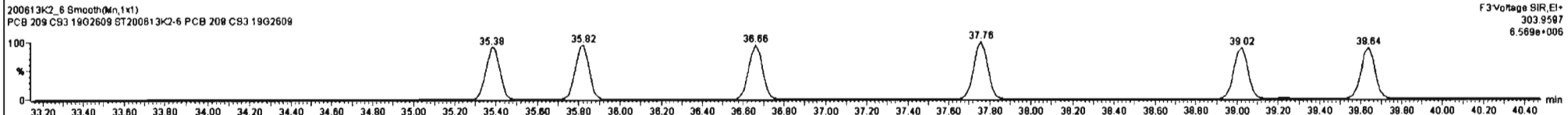
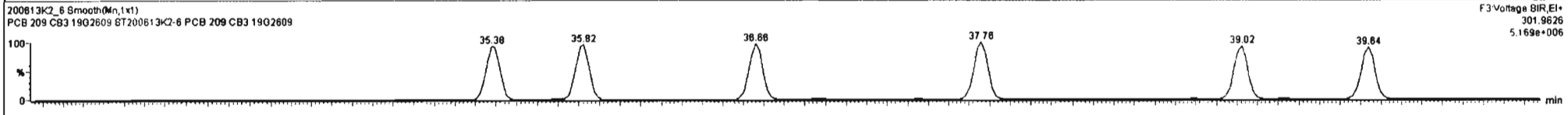
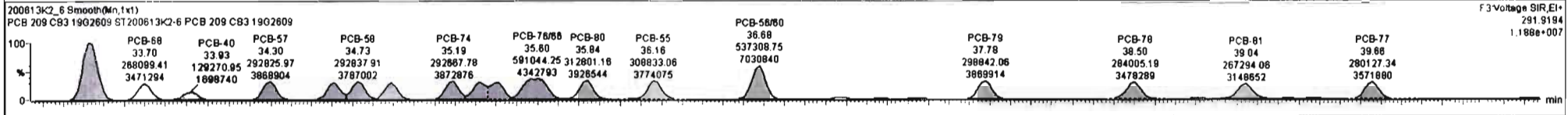
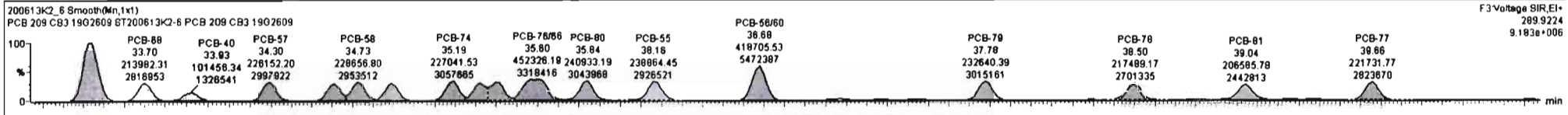


**13C-PCB-60**



#	Name	Resp	RA	n/y	RRP	wtAvt	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	863.7		0.591	663.7
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	430.4		0.198	430.4
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	867.4		0.540	867.4
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2273		1.86	2273
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2118		1.45	2118
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	275.7		0.241	275.7
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	718.1		0.655	718.1
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1490		1.98	1490
233	233 Total Hepta-PCBs				1.3651	1.000	0.00		0.000		NO	1390		2.71	1390

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.62	27.62	2.255e5	2.952e5	0.770	0.76	NO	54.801	54.801
2	33 PCB-50	28.81	28.81	1.742e5	2.288e5	0.770	0.76	NO	51.883	51.883
3	34 PCB-53	29.48	29.48	1.840e5	2.136e5	0.770	0.77	NO	56.293	56.293
4	35 PCB-51	29.82	29.83	1.759e5	2.273e5	0.770	0.77	NO	56.230	56.230
5	36 PCB-45	30.27	30.28	1.390e5	1.771e5	0.770	0.78	NO	54.893	54.893
6	37 PCB-46	30.78	30.78	1.294e5	1.678e5	0.770	0.77	NO	53.107	53.107
7	38 PCB-52/69	31.26	31.26	3.859e5	4.910e5	0.770	0.79	NO	111.86	111.86
8	39 PCB-73	31.36	31.39	2.236e5	2.890e5	0.770	0.78	NO	52.651	52.651

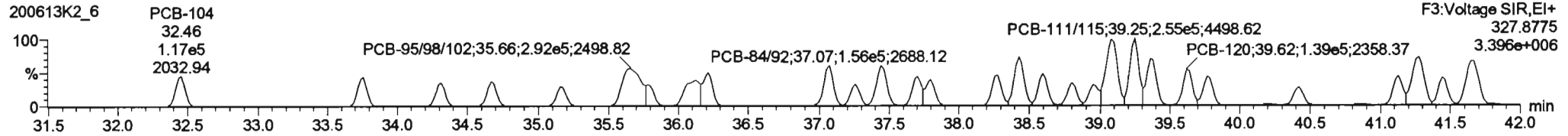
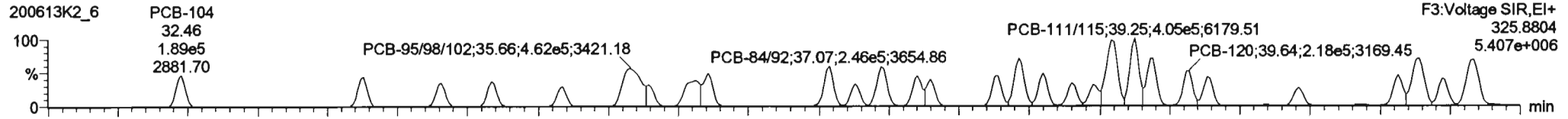


Dataset: Untitled

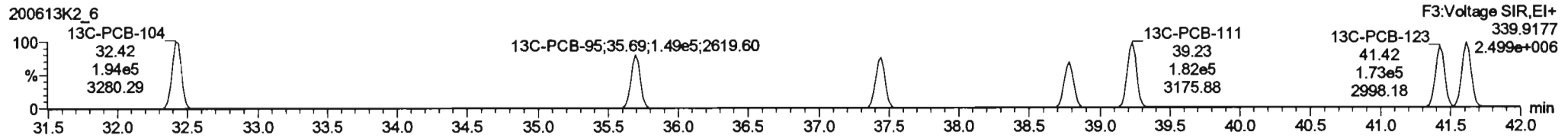
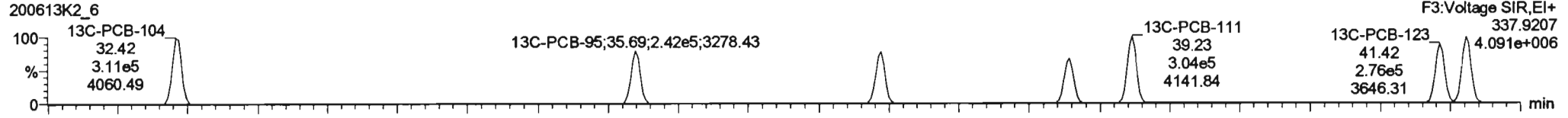
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

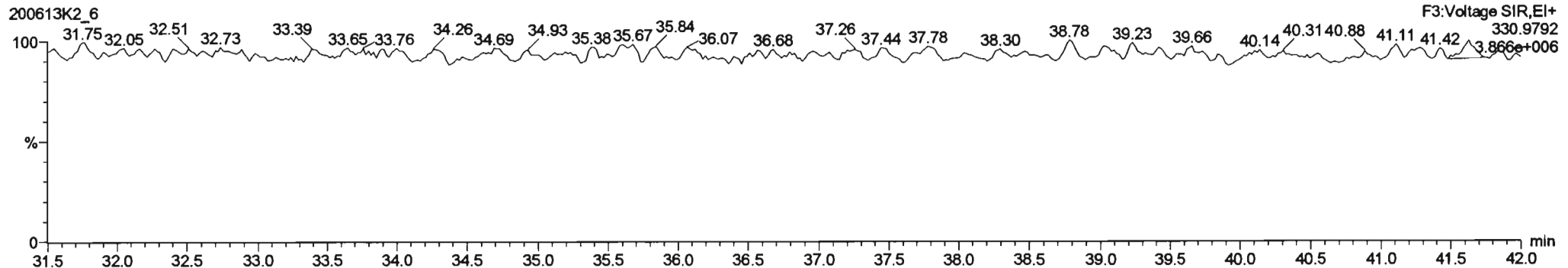
**PCB-104**



**13C-PCB-104**



**PFK3b**



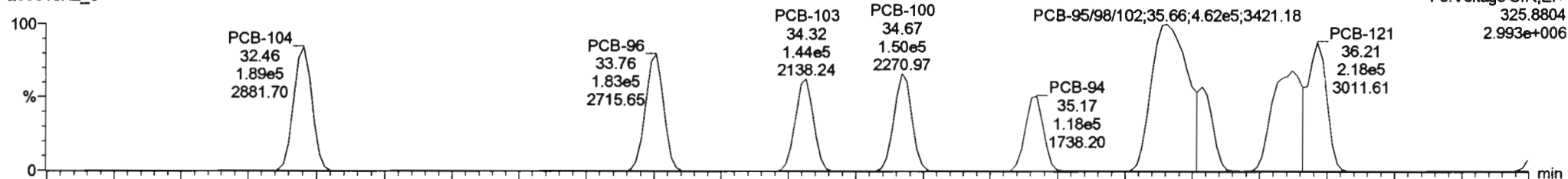
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

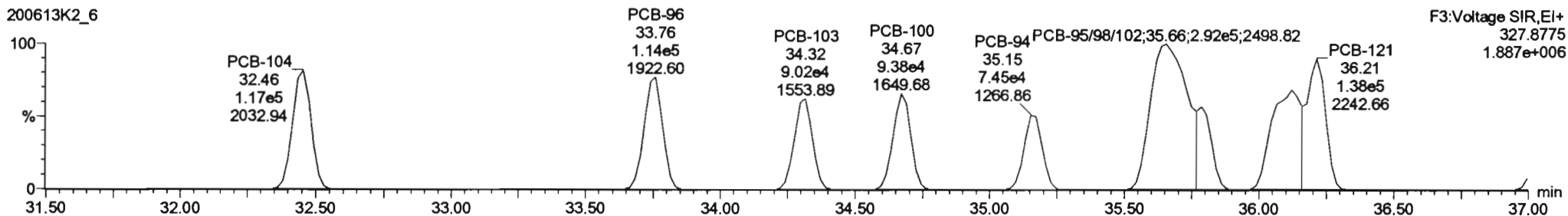
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-96**

200613K2\_6

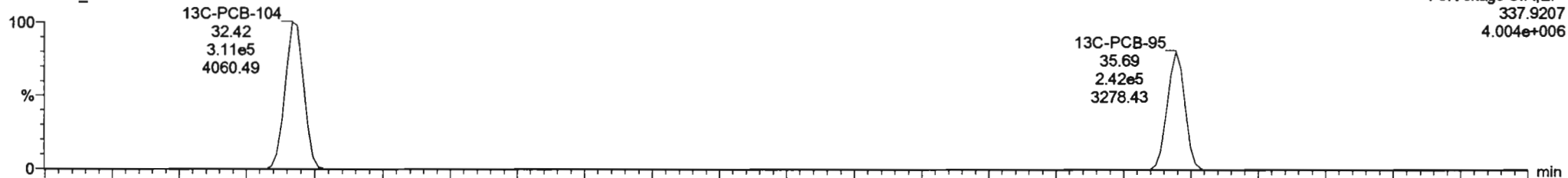


200613K2\_6

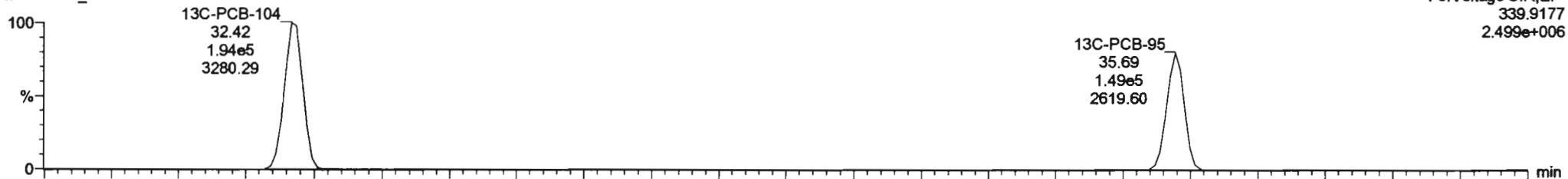


**13C-PCB-95**

200613K2\_6



200613K2\_6



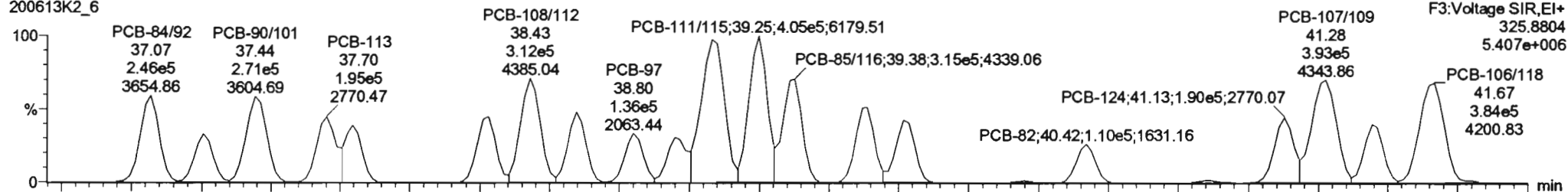
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

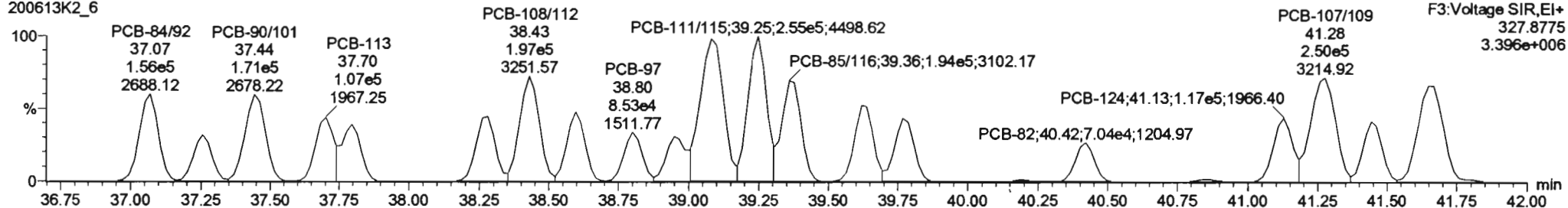
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-119**

200613K2\_6

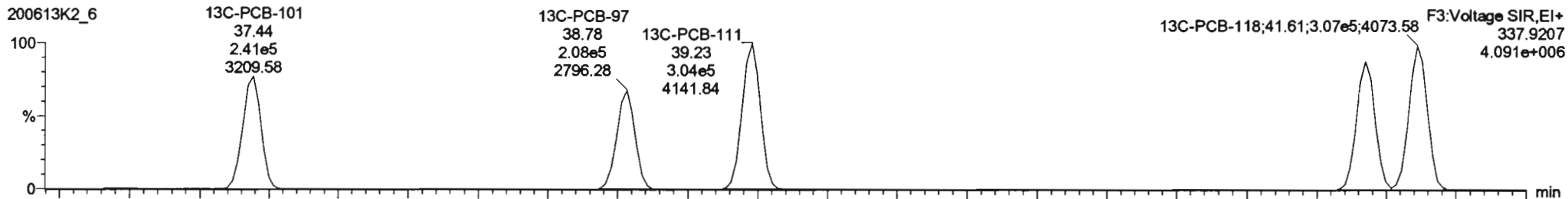


200613K2\_6

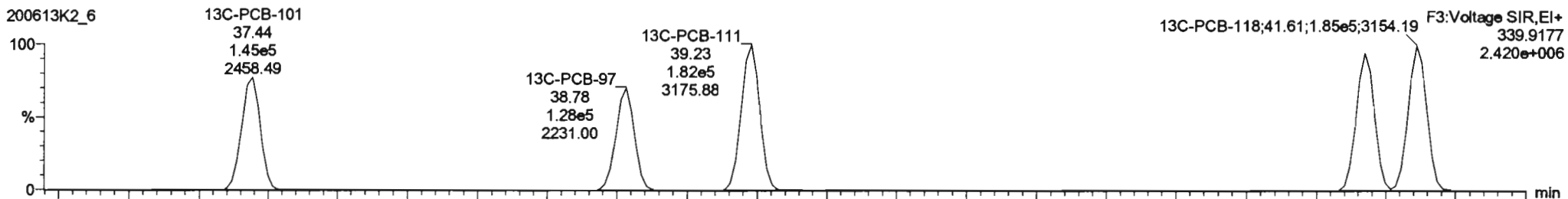


**13C-PCB-111**

200613K2\_6



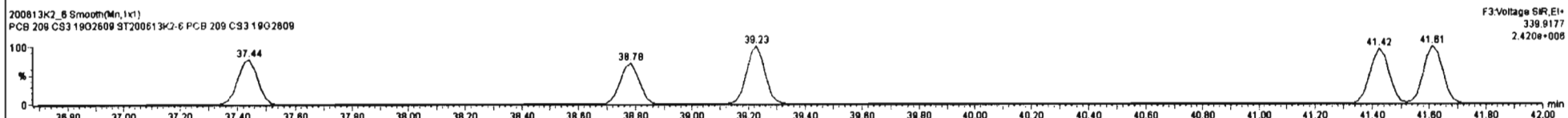
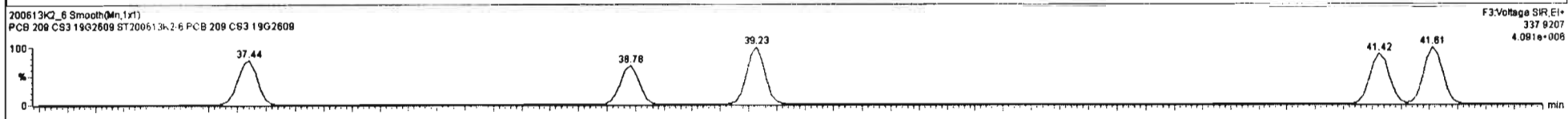
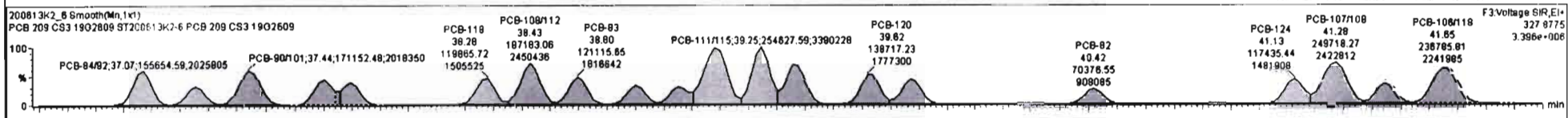
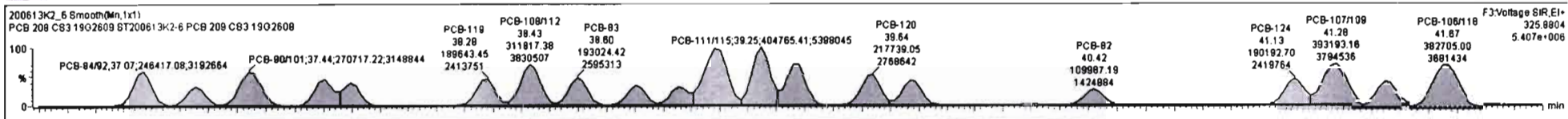
200613K2\_6





#	Name	Resp	RA	n/y	RRF	wtAval	Pred_RT	RT	Pred_R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	663.7		0.591	663.7
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	430.4		0.198	430.4
227	227 3rd Function Tri-PCBs				0.9926	1.000	0.00		0.000		NO	897.4		0.840	897.4
228	228 Total Tetra-PCBs				1.0776	1.000	0.00		0.000		NO	2273		1.55	2273
229	229 3rd Function Penta-PCBs				1.2157	1.000	0.00		0.000		NO	2118		1.45	2118
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	275.7		0.241	275.7
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	718.1		0.655	718.1
232	232 4th Function Hexa-PCBs				1.0016	1.000	0.00		0.000		NO	1480		1.98	1480
233	233 Total Hexa-PCBs				1.0051	1.000	0.00		0.000		NO	1781		2.71	1781

#	Name	Pred_RT	RT	inj Resp	inj2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
64	PCB-104	32.44	32.46	1.880e5	1.189e5	1.580	1.82	NO	54.035	54.035
65	PCB-98	33.78	33.78	1.834e5	1.139e5	1.580	1.81	NO	51.072	51.072
66	PCB-103	34.32	34.32	1.430e5	9.016e4	1.580	1.80	NO	48.524	48.524
67	PCB-100	34.87	34.87	1.489e5	9.379e4	1.580	1.80	NO	50.861	50.861
68	PCB-94	35.18	35.17	1.175e5	7.453e4	1.580	1.58	NO	51.774	51.774
69	PCB-95/99/102	35.85	35.86	4.824e5	2.821e5	1.580	1.58	NO	180.25	180.25
70	PCB-93	35.77	35.78	1.072e5	6.579e4	1.580	1.83	NO	47.317	47.317
71	PCB-99/91	36.12	36.12	2.424e5	1.525e5	1.580	1.58	NO	94.880	94.880



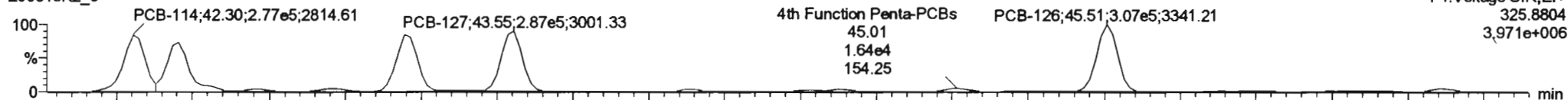
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

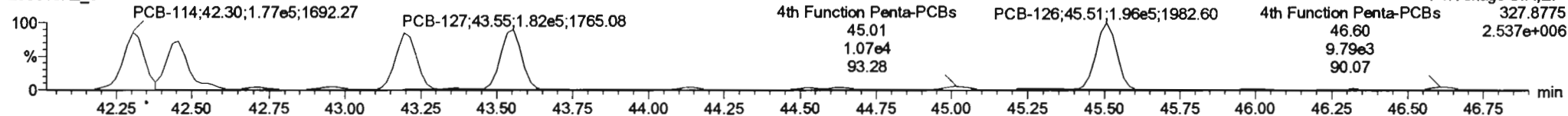
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-114**

200613K2\_6



200613K2\_6

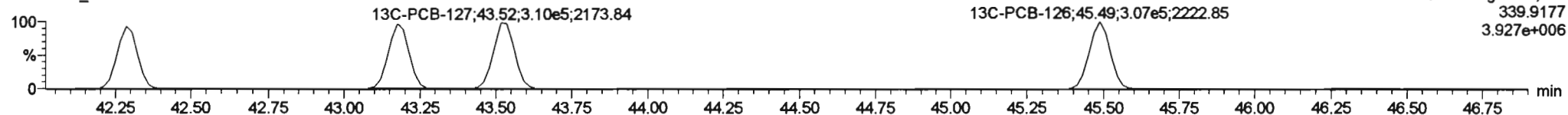


**13C-PCB-114**

200613K2\_6

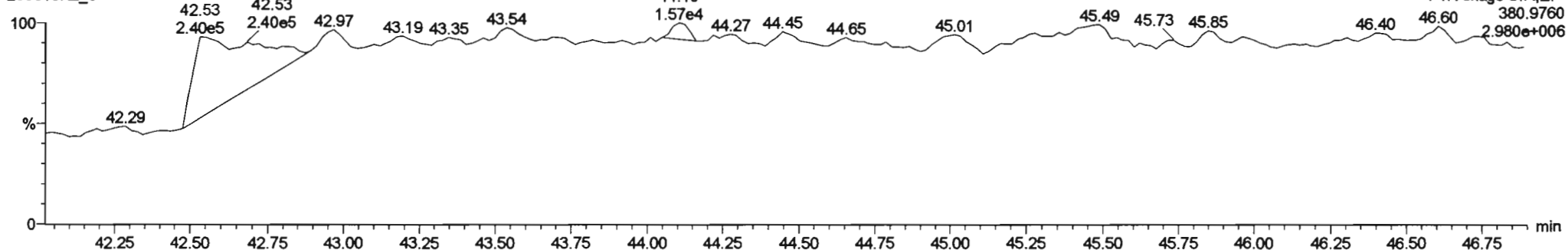


200613K2\_6



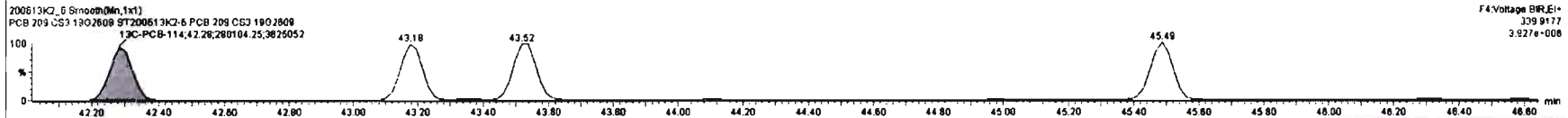
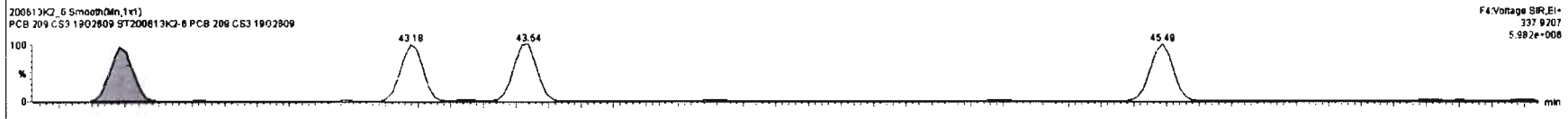
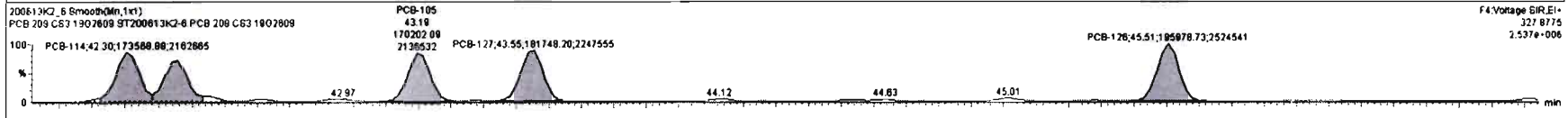
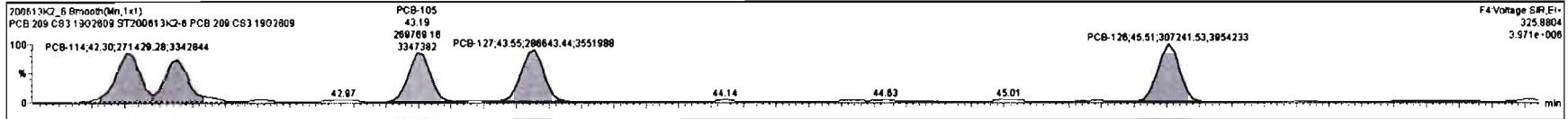
**PFK4a**

200613K2\_6



#	Name	Response	RA	nly	RRF	wtAvail	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec.	DL	dBPC
225	Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	863.7		0.581	863.7
226	2nd Function Tri-PCBs				1.0607	1.000	0.00		0.000		NO	430.4		0.198	430.4
227	3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	867.4		0.840	867.4
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2273		1.55	2273
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2118		1.45	2118
230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	295.7		0.281	295.7
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	718.1		0.655	718.1
232	4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1480		1.88	1480
233	Total Hepta-PCBs				1.9444	1.000	0.00		0.000		NO	1780		2.74	1780

#	Name	Pred.RT	RT	int Resp	sqd Resp	1* Ratio (Pred)	RA	nly	dBPC	Conc.
1	93 PCB-114	42.31	42.30	2.714e5	1.738e5	1.560	1.56	NO	53.866	53.866
2	94 PCB-122	42.45	42.46	2.347e5	1.481e5	1.580	1.57	NO	58.237	58.237
3	95 PCB-105	43.18	43.18	2.888e5	1.702e5	1.550	1.58	NO	55.130	55.130
4	96 PCB-127	43.55	43.55	2.888e5	1.617e5	1.580	1.58	NO	55.443	55.443
5	97 PCB-128	45.51	45.51	3.072e5	1.980e5	1.580	1.57	NO	54.830	54.830



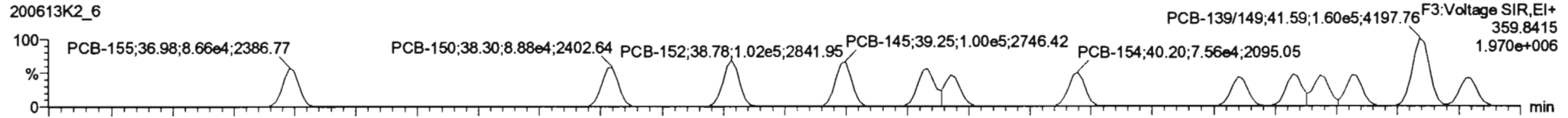
Dataset: Untitled

Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

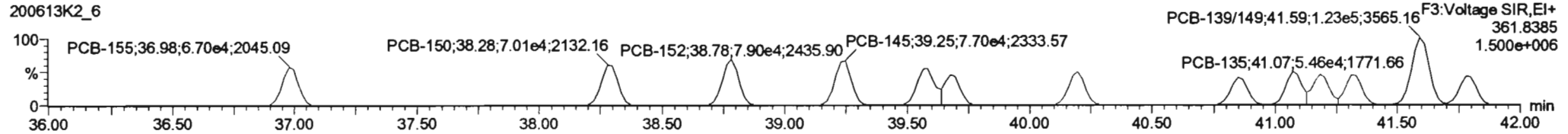
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-155**

200613K2\_6

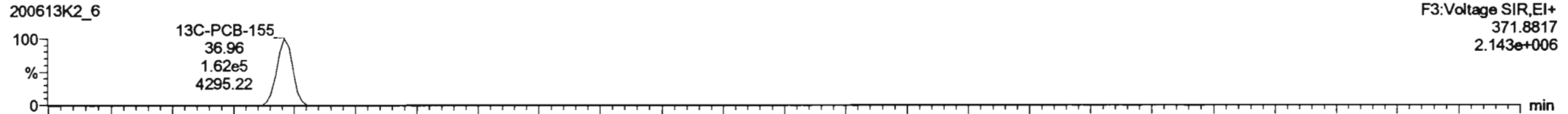


200613K2\_6

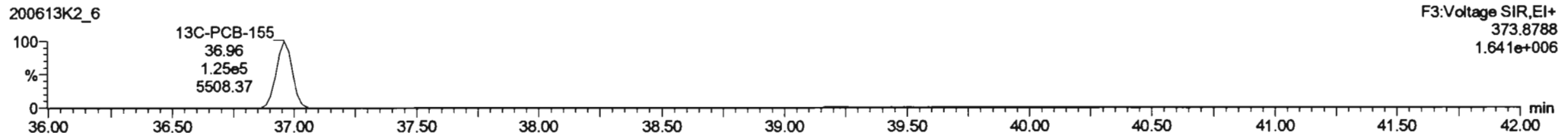


**13C-PCB-155**

200613K2\_6

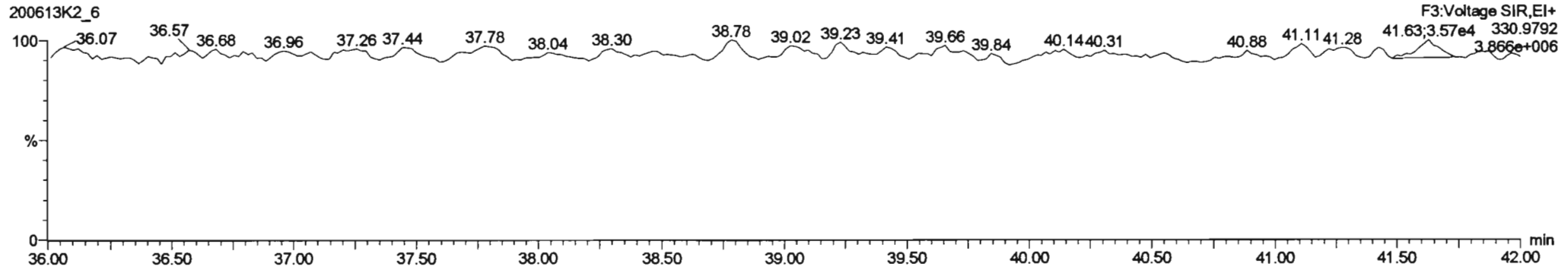


200613K2\_6



**PFK3c**

200613K2\_6

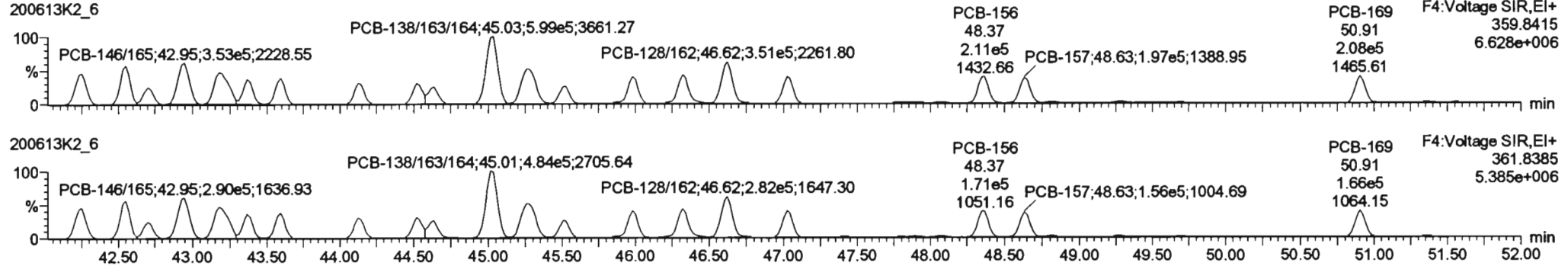


Dataset: Untitled

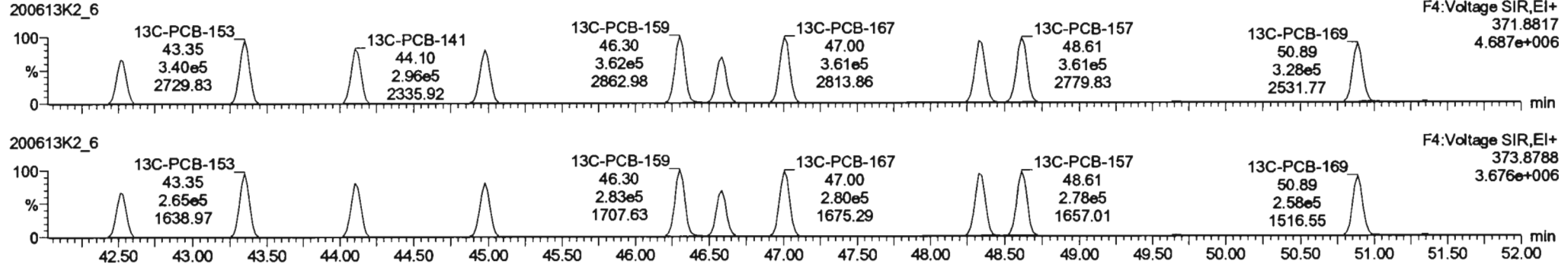
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

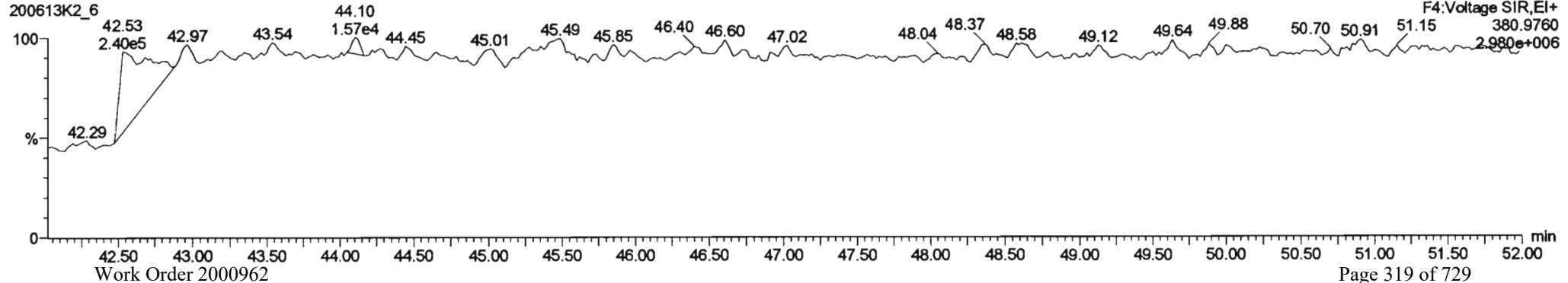
**PCB-134/143**

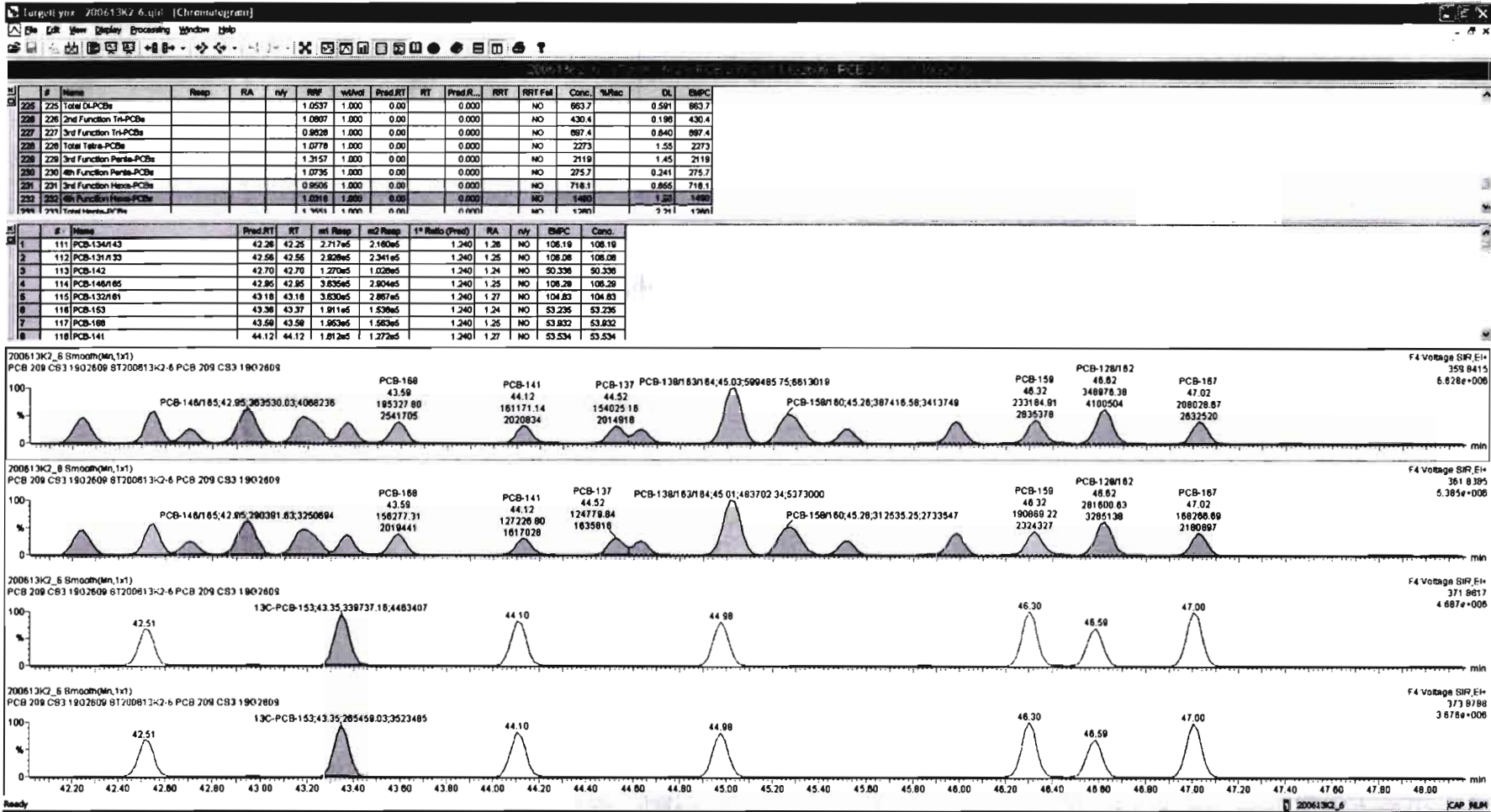


**13C-PCB-153**



**PFK4b**







Dataset: Untitled

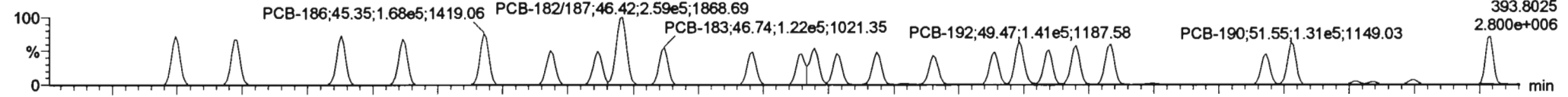
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

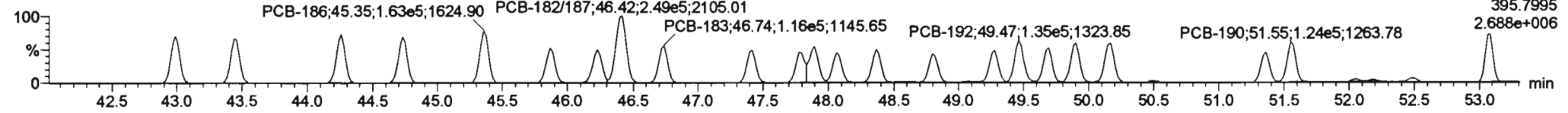
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-188**

200613K2\_6

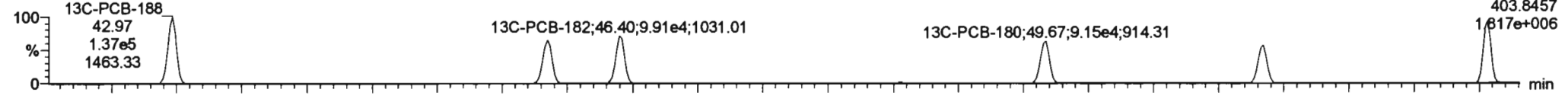


200613K2\_6

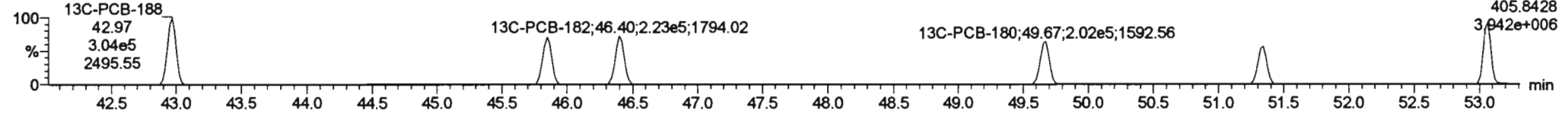


**13C-PCB-188**

200613K2\_6

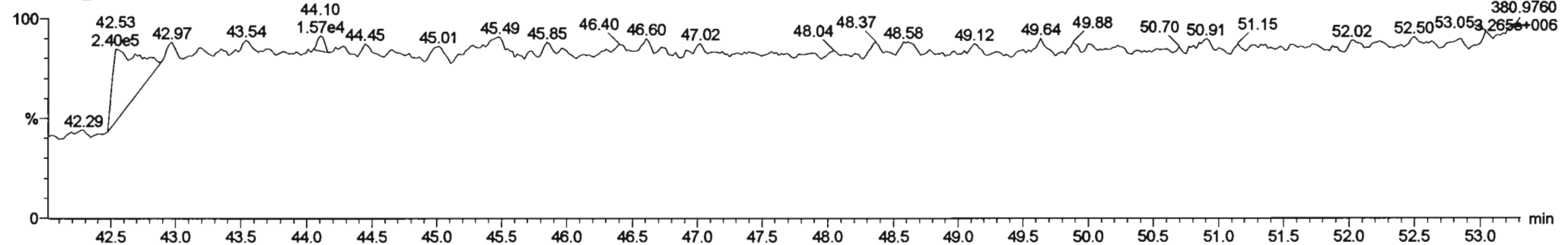


200613K2\_6



**PFK4c**

200613K2\_6



Dataset: Untitled

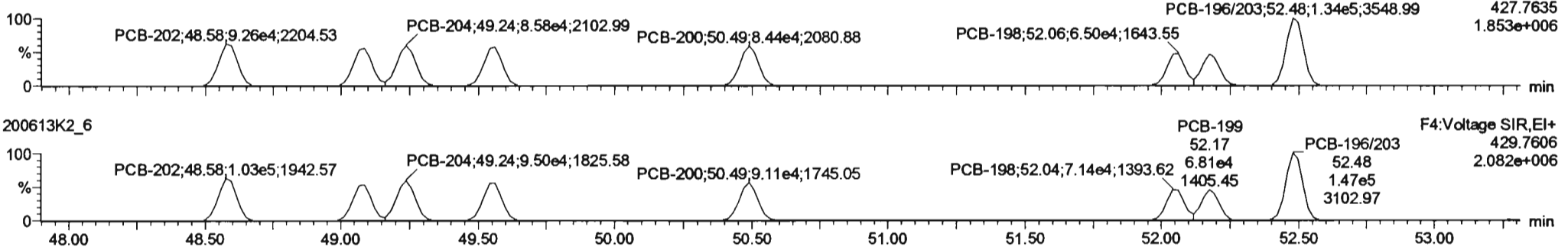
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-202**

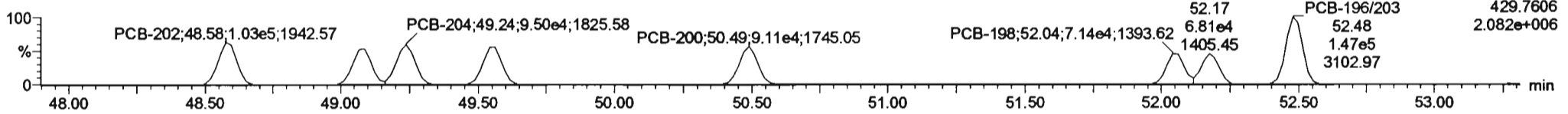
200613K2\_6

F4:Voltage SIR,EI+



200613K2\_6

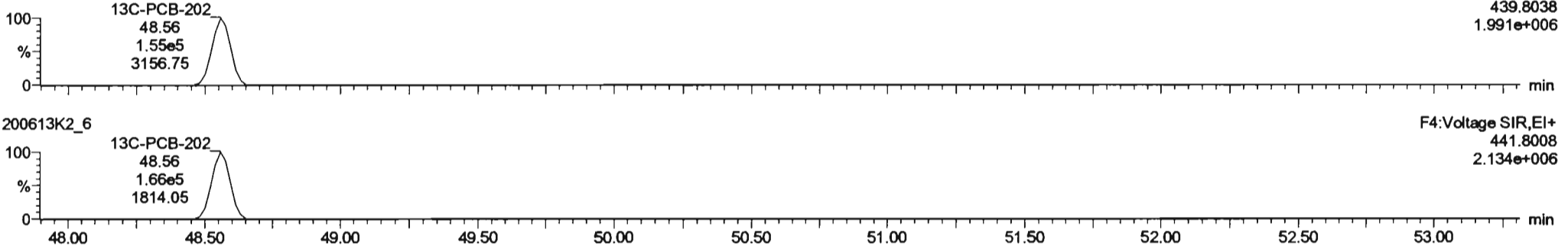
F4:Voltage SIR,EI+



**13C-PCB-202**

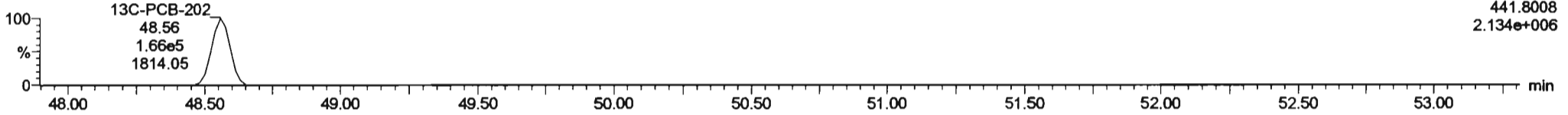
200613K2\_6

F4:Voltage SIR,EI+



200613K2\_6

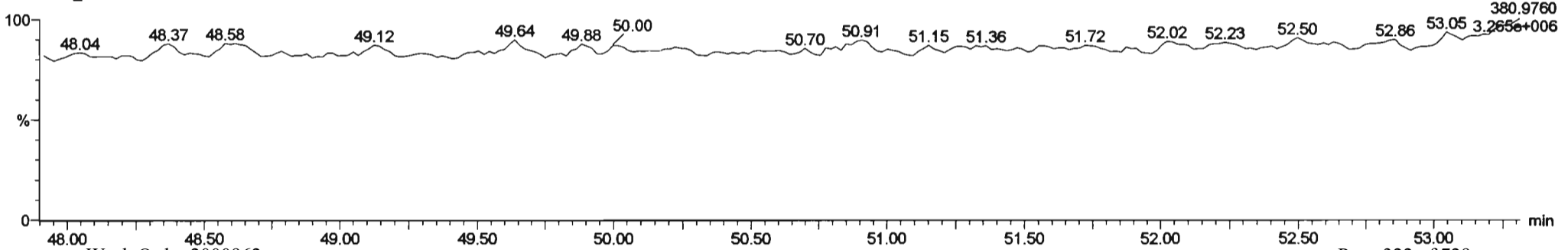
F4:Voltage SIR,EI+



**PFK4d**

200613K2\_6

F4:Voltage SIR,EI+

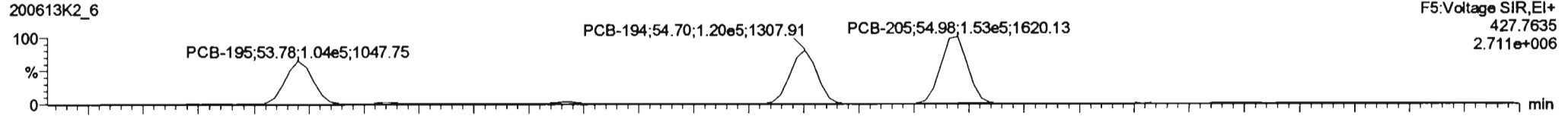


Dataset: Untitled

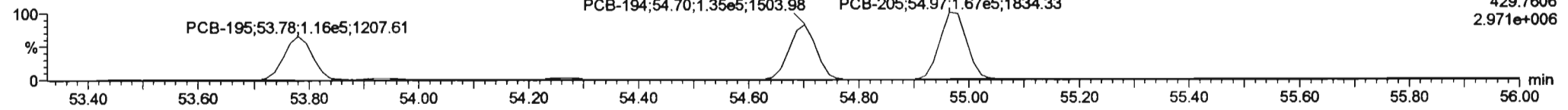
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

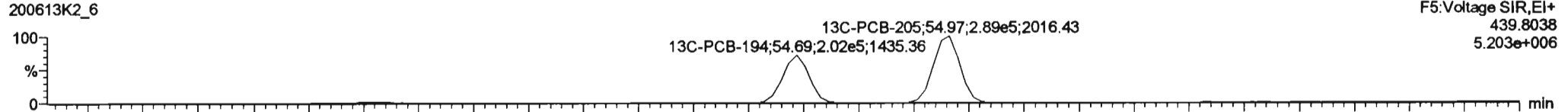
**PCB-195**



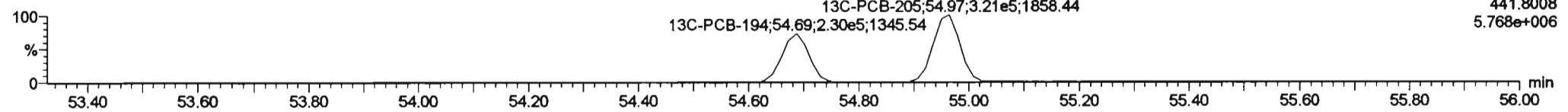
200613K2\_6



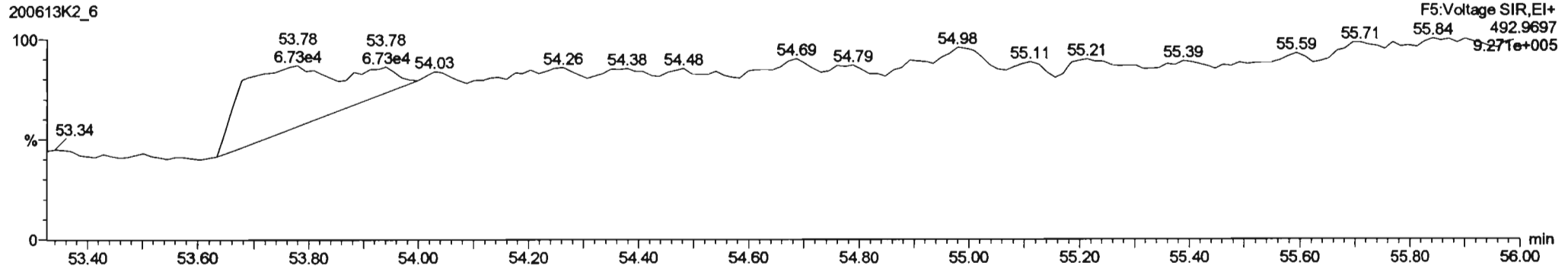
**13C-PCB-194**



200613K2\_6



**PFK5a**

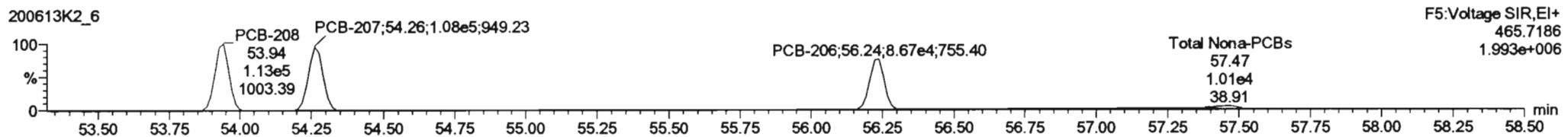
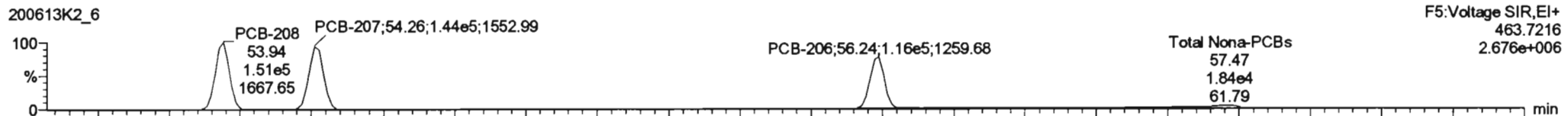


Dataset: Untitled

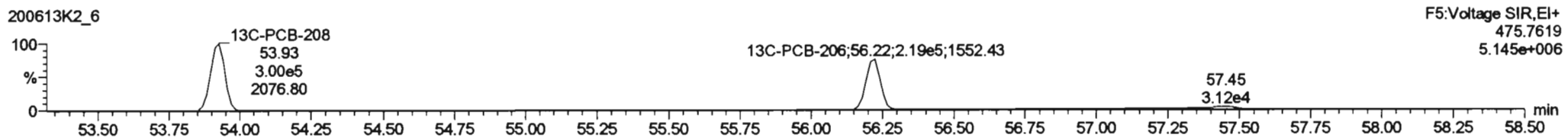
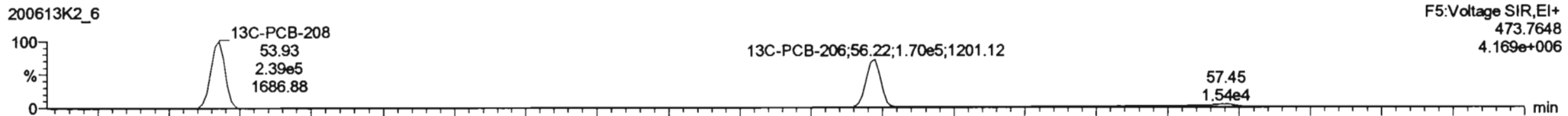
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

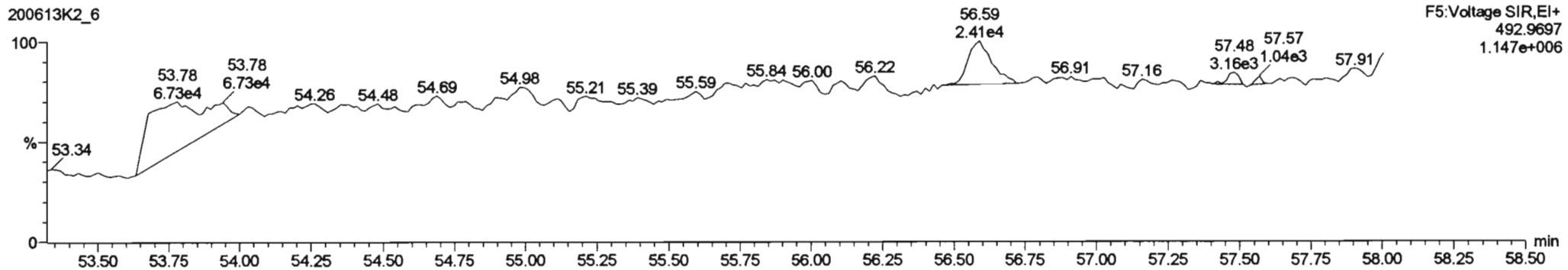
**PCB-208**



**13C-PCB-208**



**PFK5**



Dataset: Untitled

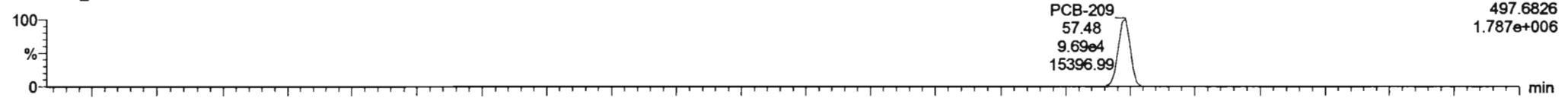
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

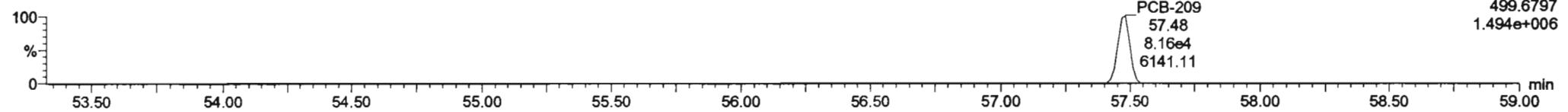
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-209**

200613K2\_6

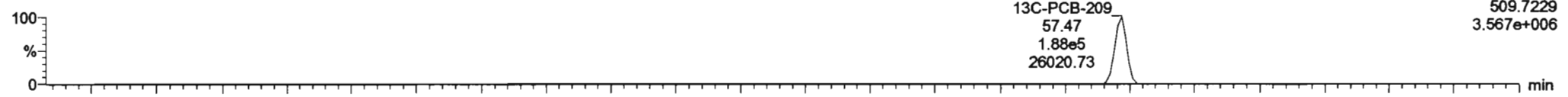


200613K2\_6

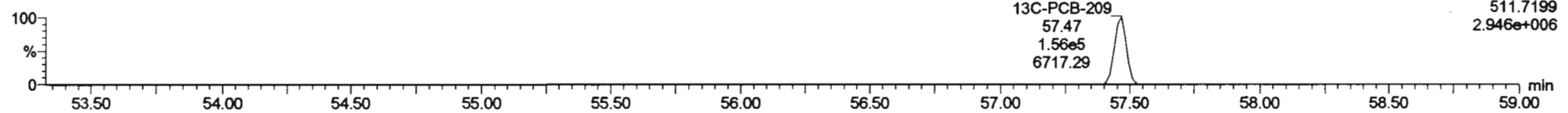


**13C-PCB-209**

200613K2\_6

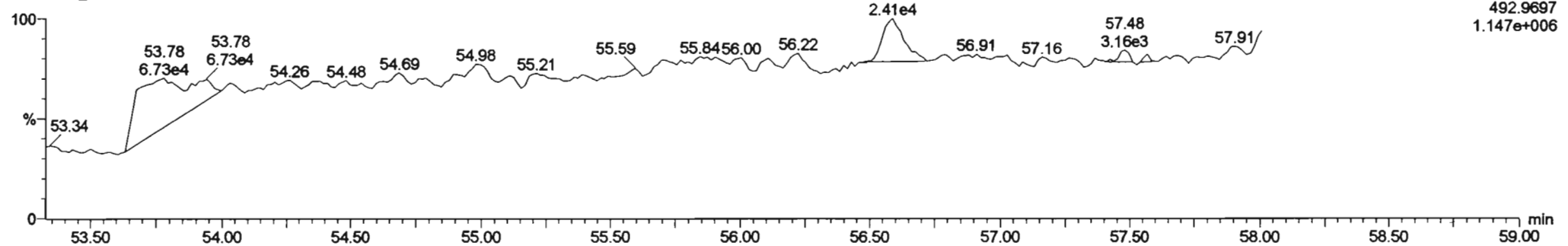


200613K2\_6



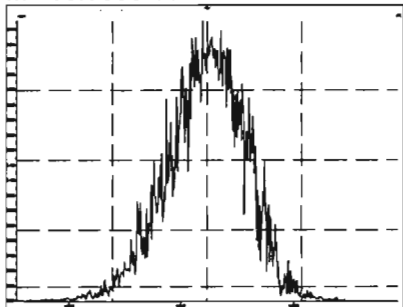
**PFK5b**

200613K2\_6

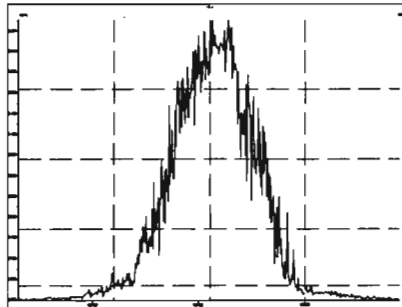


Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

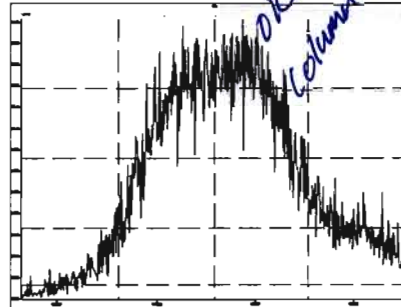
M 168.9888 R 11468



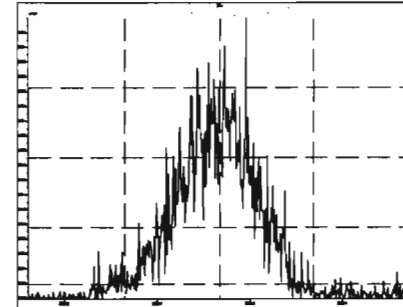
M 180.9888 R 11211



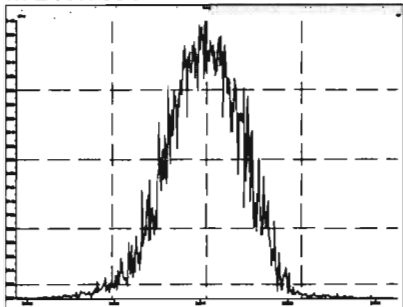
M 192.9888 R 0



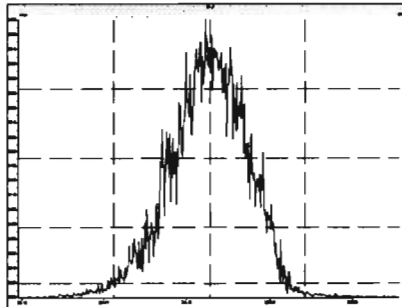
M 204.9888 R 11520



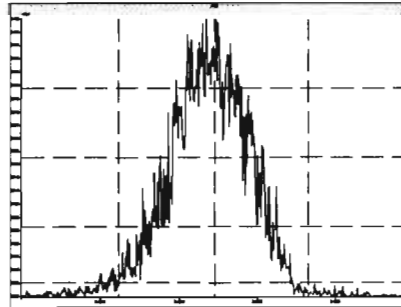
M 218.9856 R 12329



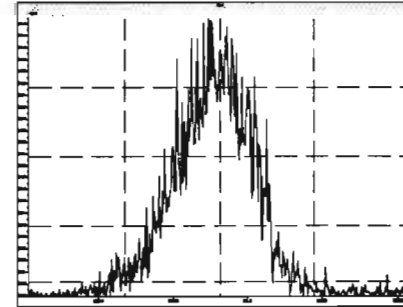
M 230.9856 R 11552



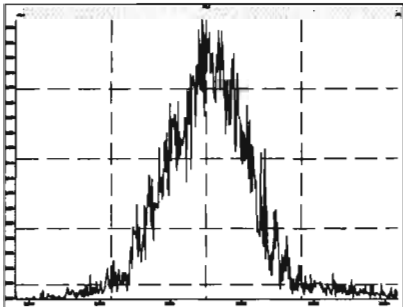
M 242.9856 R 11279



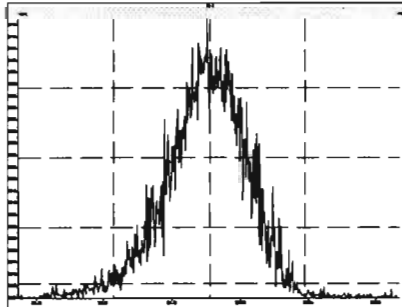
M 254.9856 R 12811



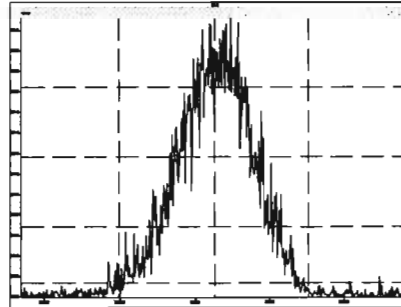
M 268.9824 R 11957



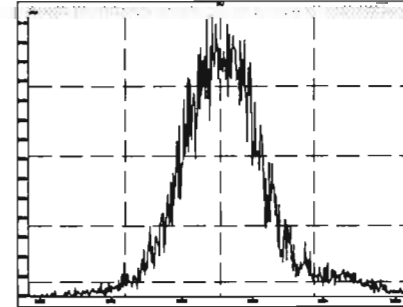
M 280.9824 R 11962



M 254.9856 R 11829



M 268.9824 R 10102

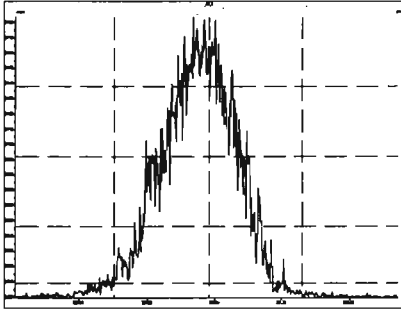


*OK  
Column bleed*

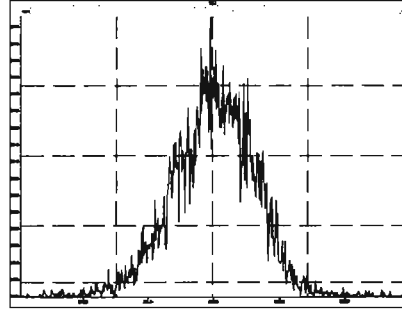


Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

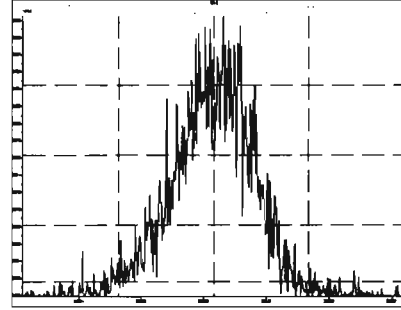
M 280.9824 R 11529



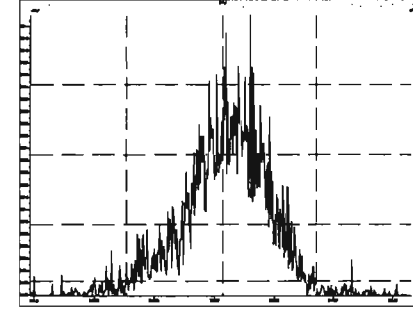
M 292.9824 R 12538



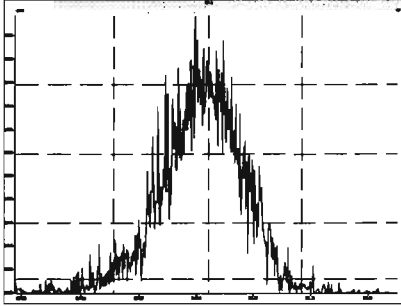
M 304.9824 R 11417



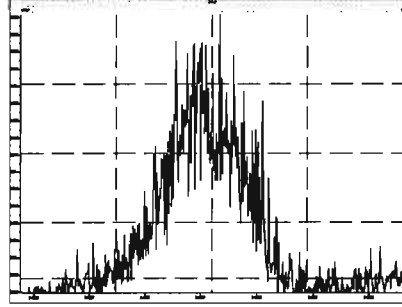
M 318.9792 R 11743



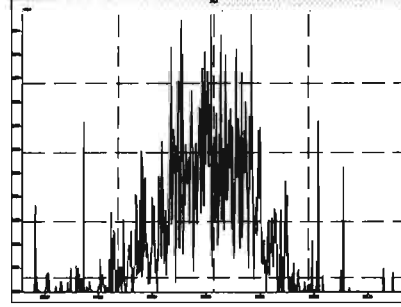
M 330.9792 R 12259



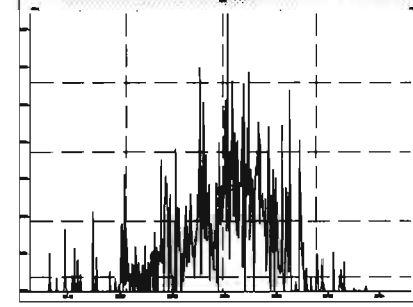
M 342.9792 R 13191



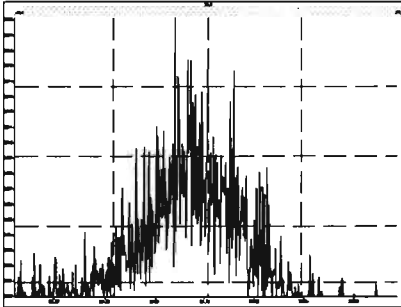
M 354.9792 R 19213



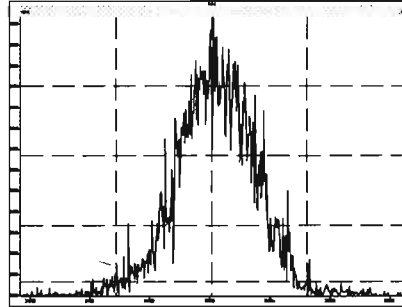
M 366.9792 R 55875



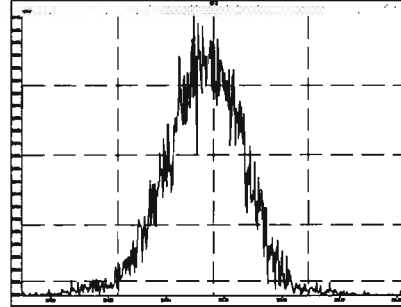
M 380.9760 R 14981



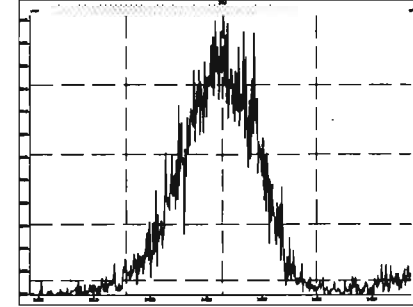
M 318.9792 R 12502



M 330.9792 R 12124

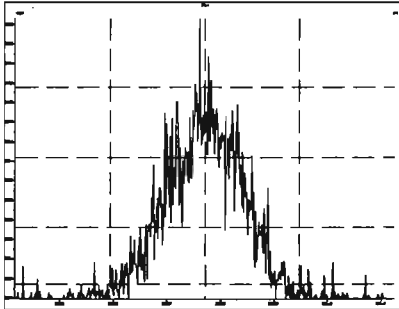


M 342.9792 R 12724

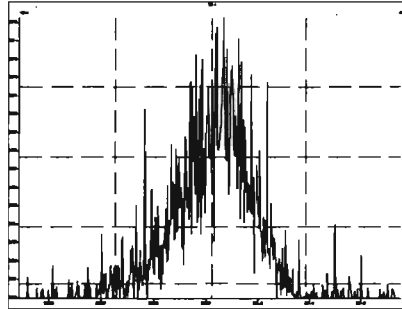


Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

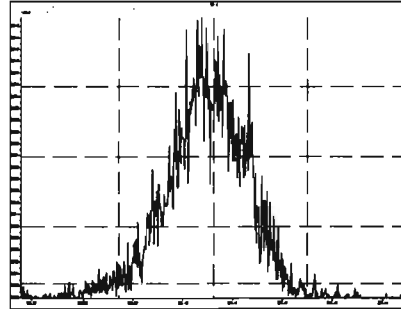
M 354.9792 R 12919



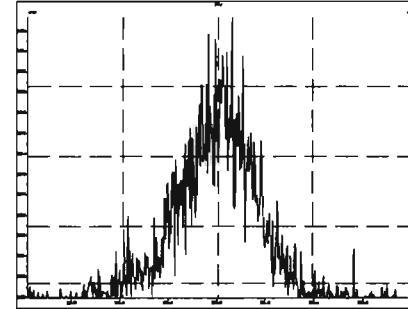
M 366.9792 R 15600



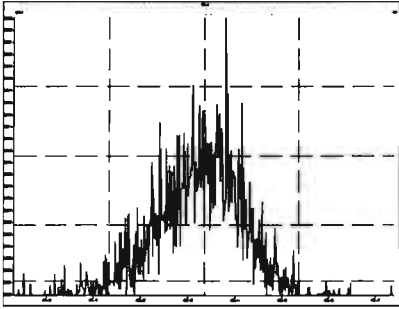
M 380.9760 R 12691



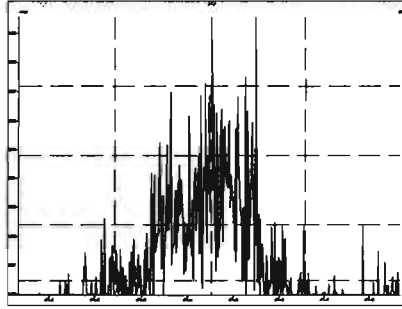
M 392.9760 R 14045



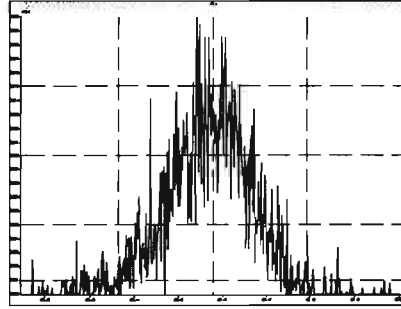
M 404.9760 R 14183



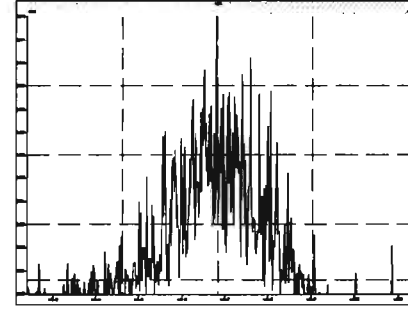
M 416.9760 R 33090



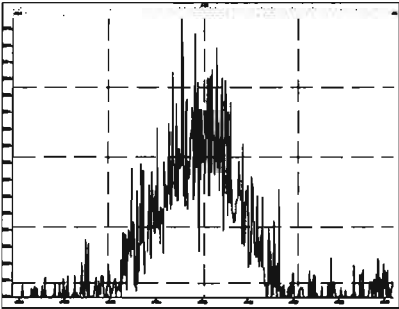
M 430.9728 R 16080



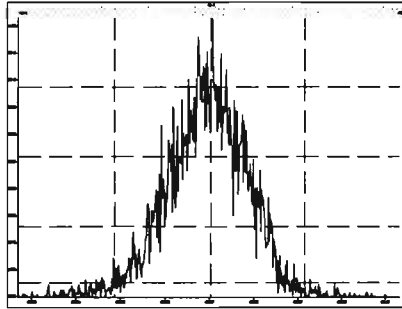
M 442.9728 R 18945



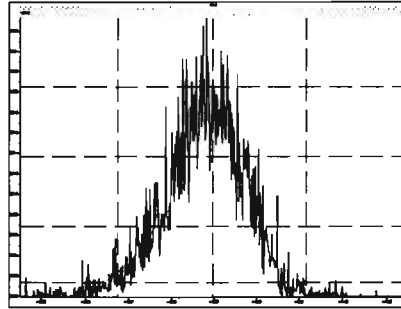
M 416.9760 R 16453



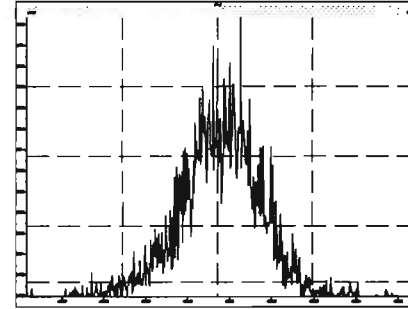
M 430.9728 R 12468



M 442.9728 R 12661

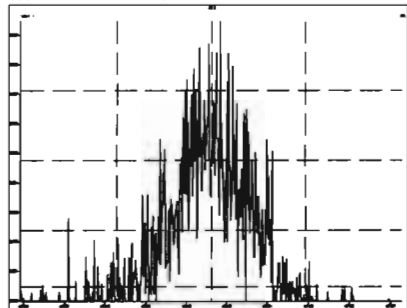


M 454.9728 R 12177

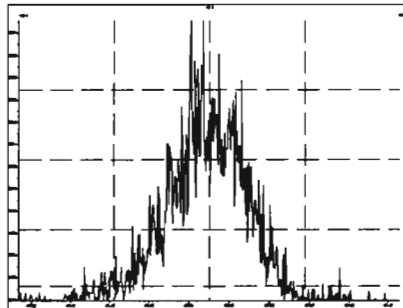


Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

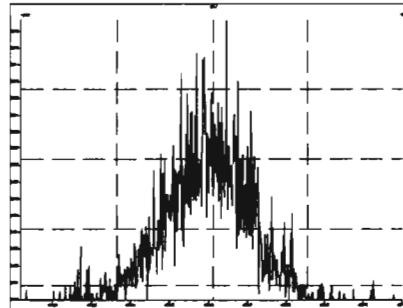
M 466.9728 R 21186



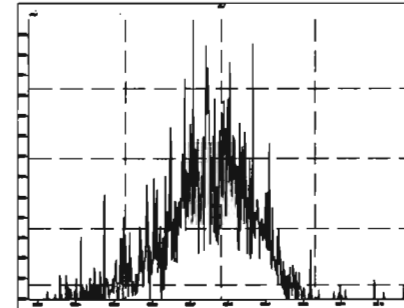
M 480.9696 R 12788



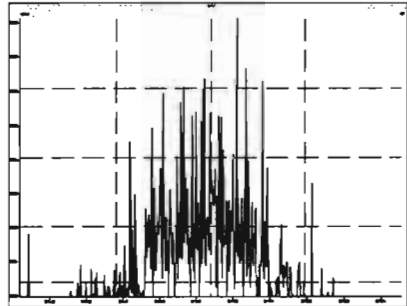
M 492.9696 R 14778



M 504.9696 R 14834



M 516.9697 R 73941



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

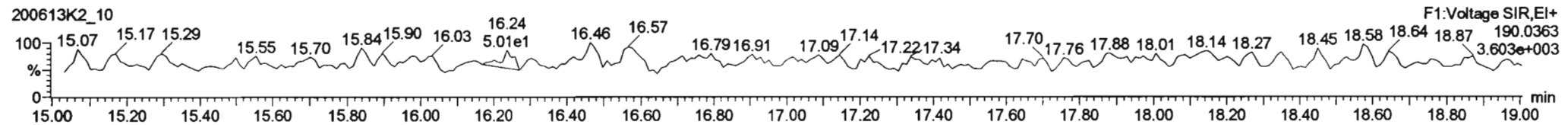
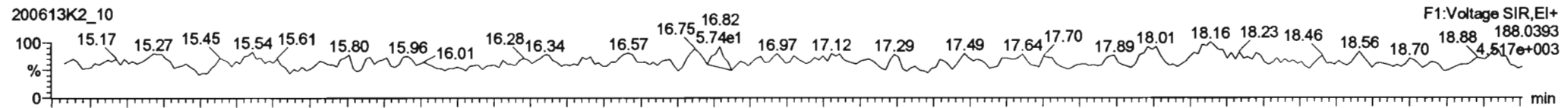
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

*Hz 6/14/2020*

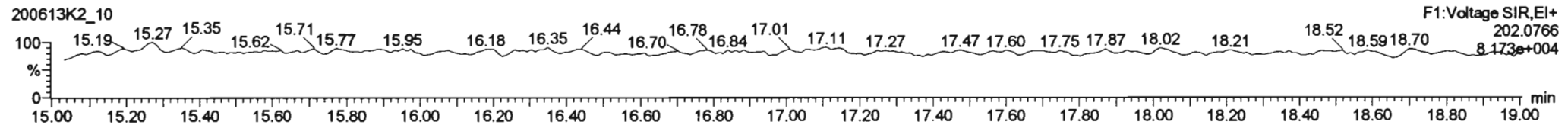
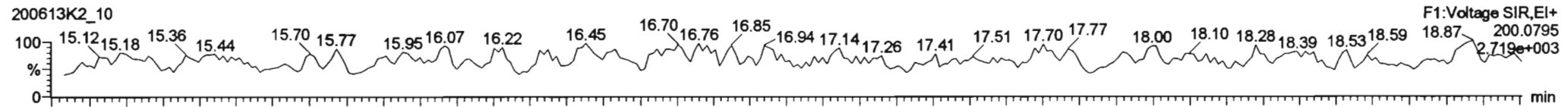
Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

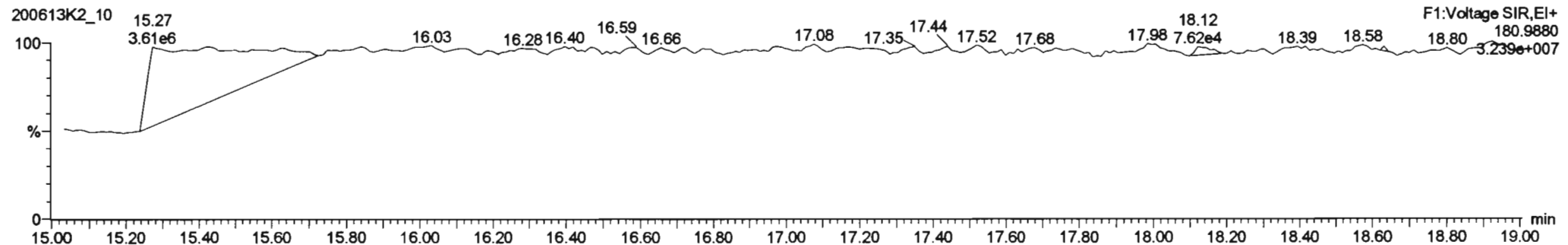
**PCB-1**



**13C-PCB-1**



**PFK1**



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

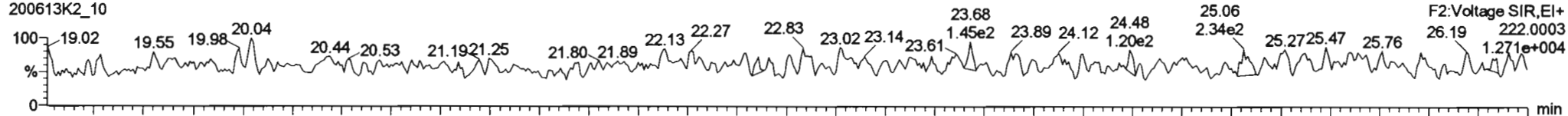
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

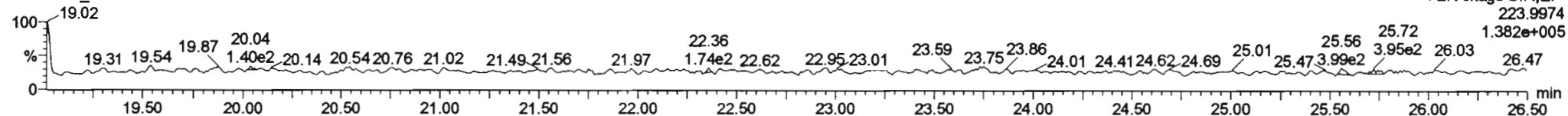
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-4/10**

200613K2\_10

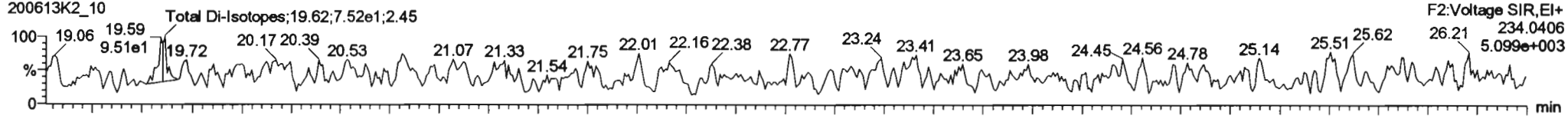


200613K2\_10

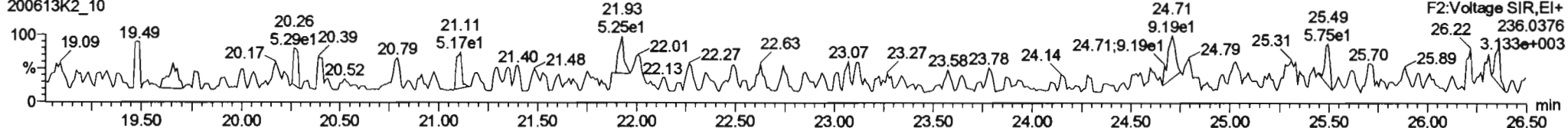


**13C-PCB-4**

200613K2\_10

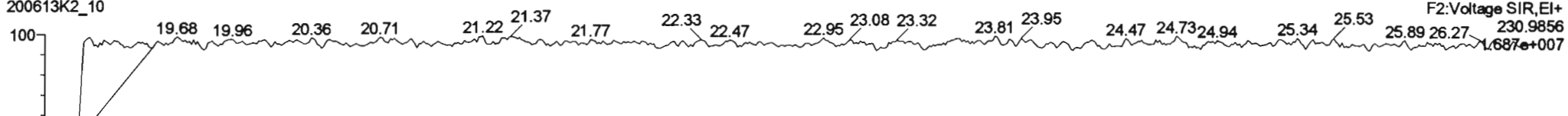


200613K2\_10



**PFK2a**

200613K2\_10

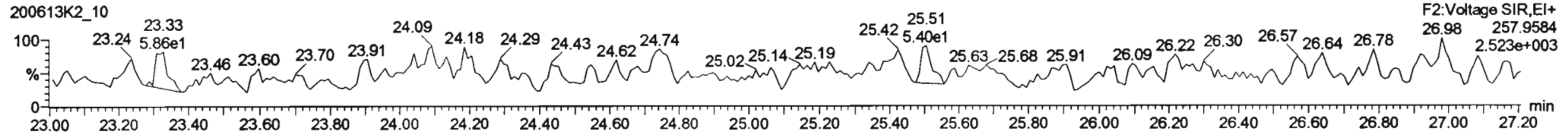
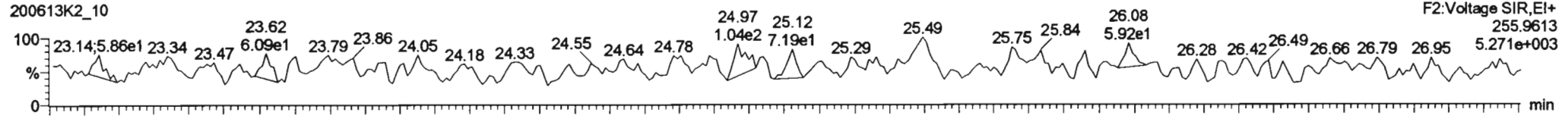


Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

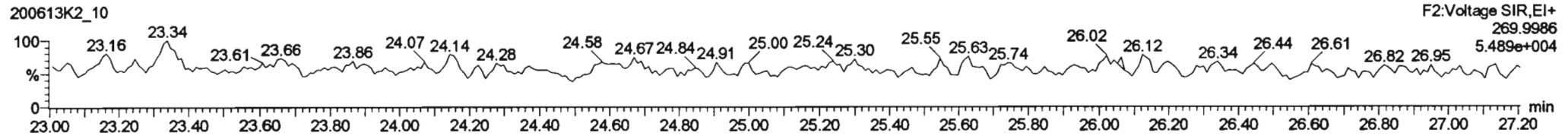
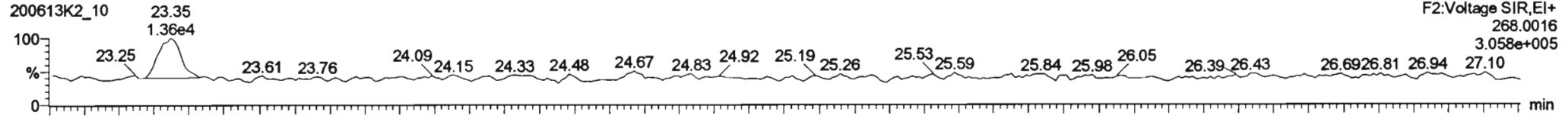
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

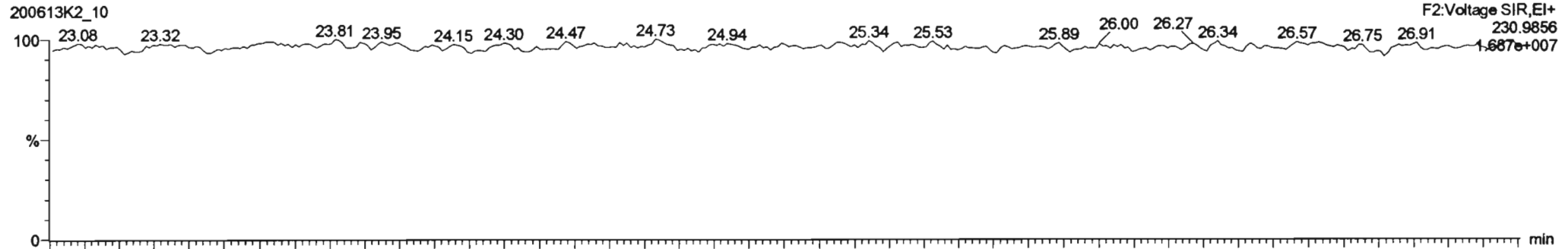
PCB-19



13C-PCB-19



PFK2b





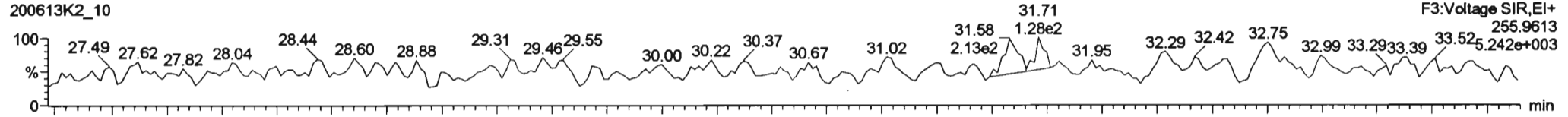
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

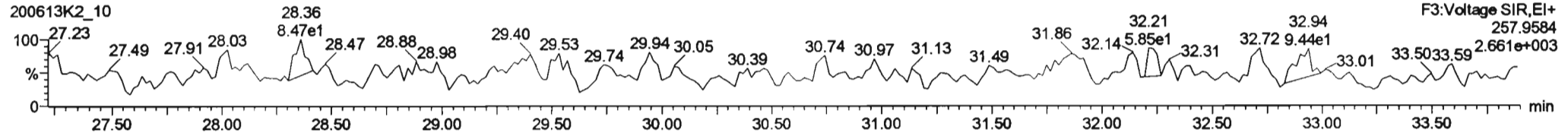
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-34**

200613K2\_10

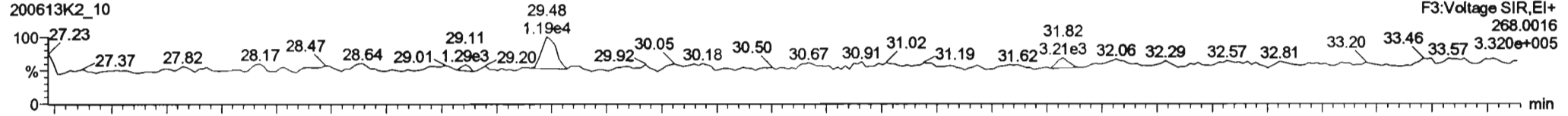


200613K2\_10

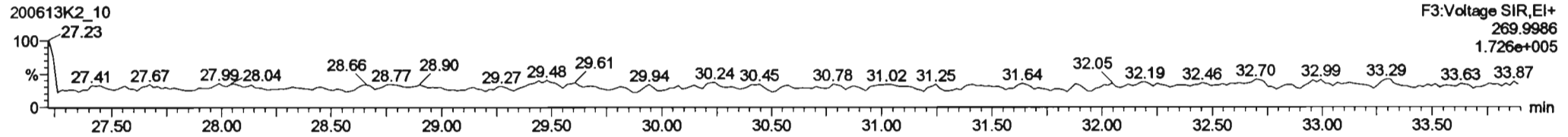


**13C-PCB-28**

200613K2\_10

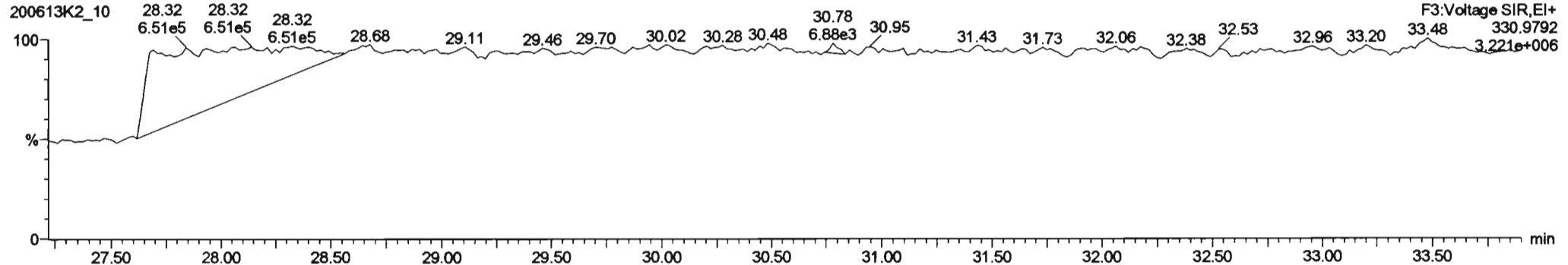


200613K2\_10



**PFK3d**

200613K2\_10



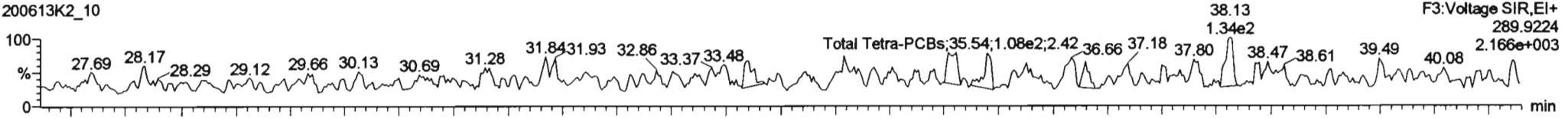
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

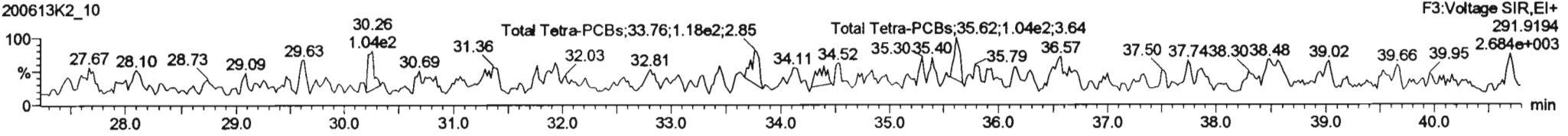
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-54**

200613K2\_10

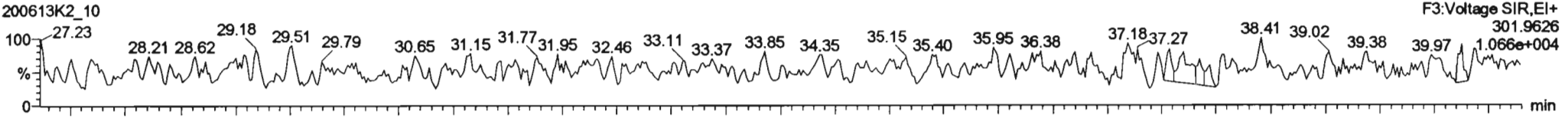


200613K2\_10

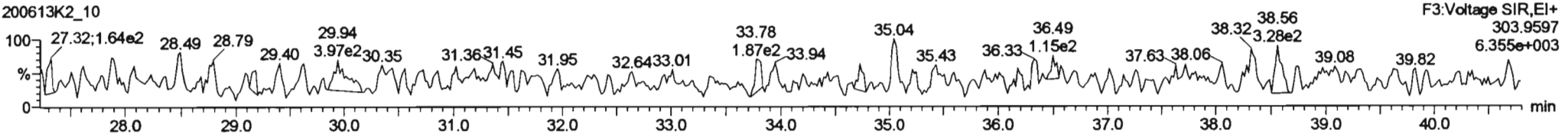


**13C-PCB-54**

200613K2\_10

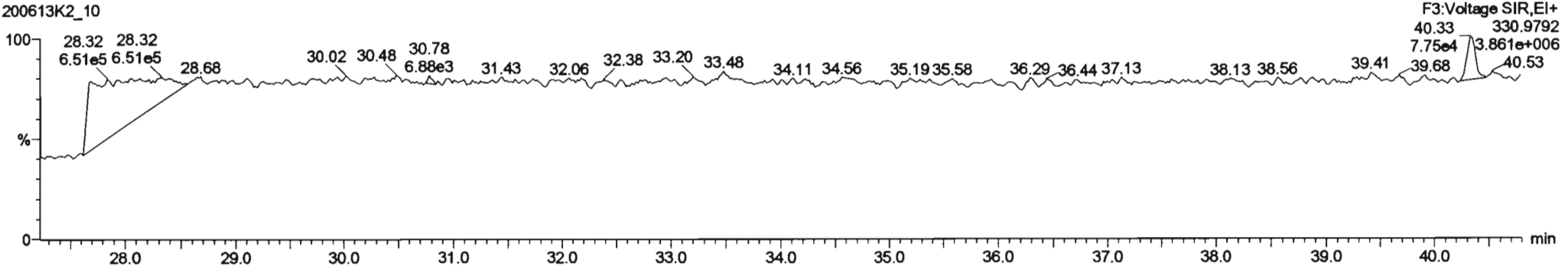


200613K2\_10



**PFK3a**

200613K2\_10



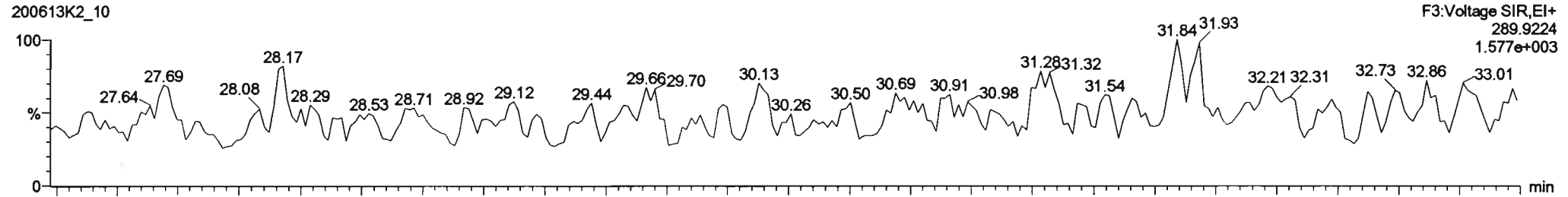
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

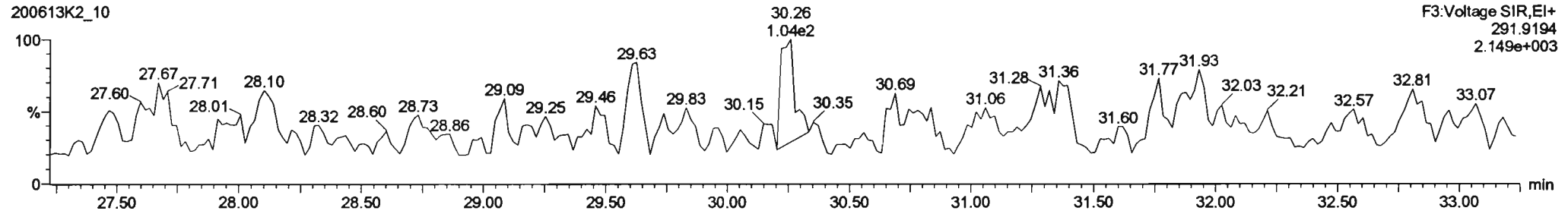
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

PCB-50

200613K2\_10

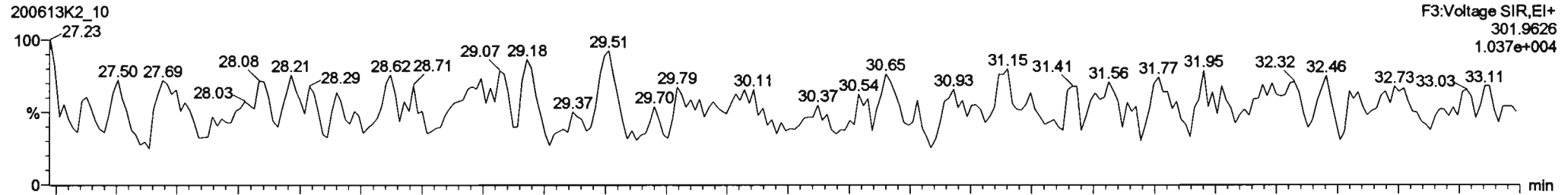


200613K2\_10

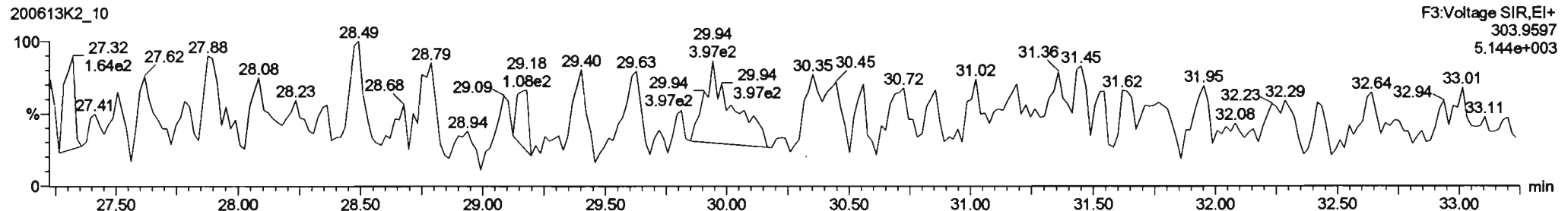


13C-PCB-52

200613K2\_10



200613K2\_10

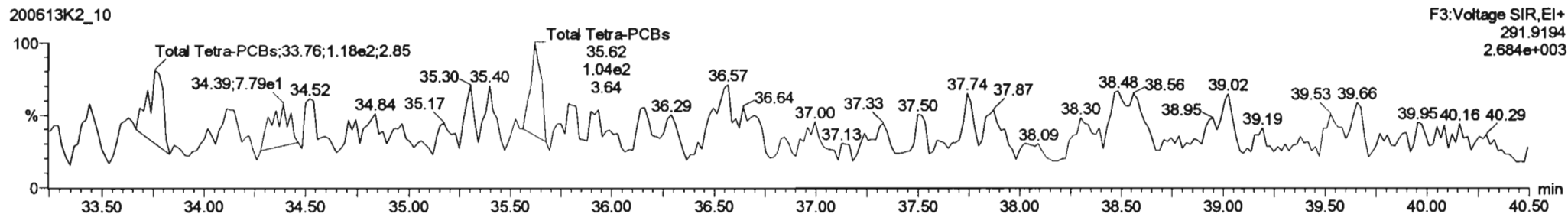
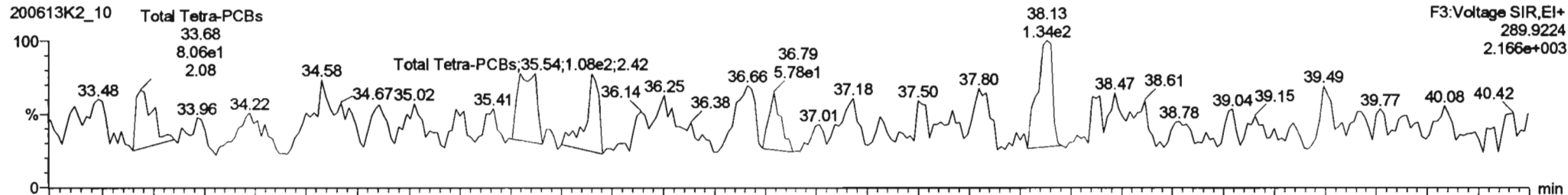


Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

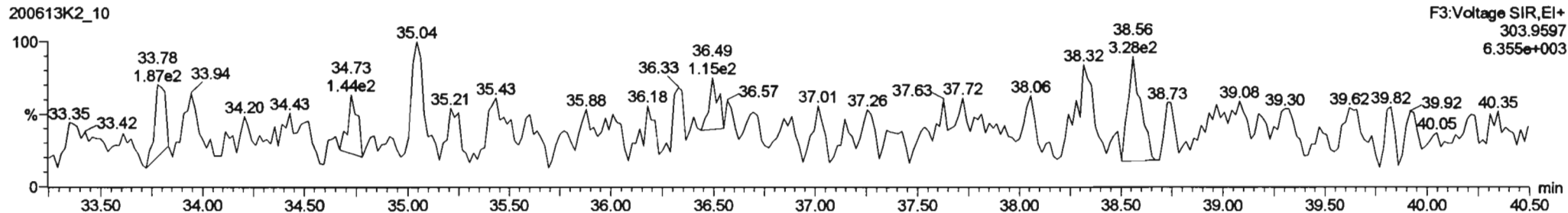
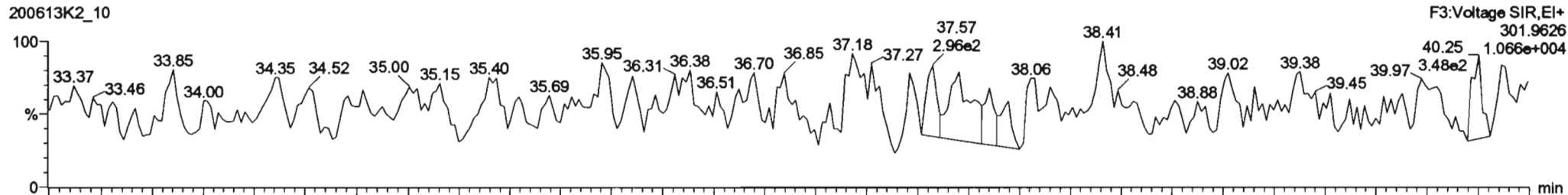
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-68**



**13C-PCB-60**



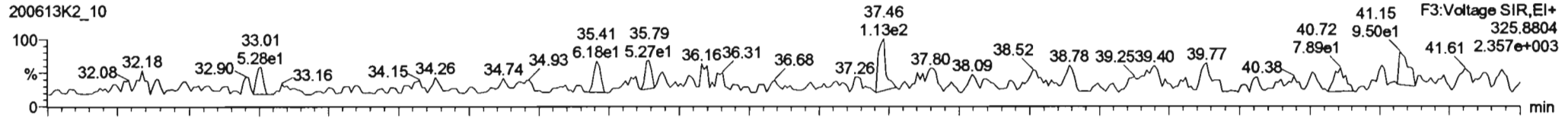
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

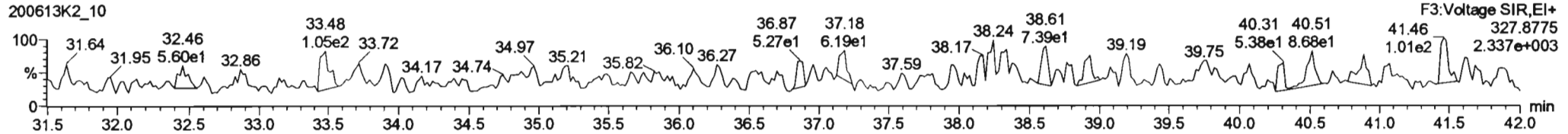
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-104**

200613K2\_10

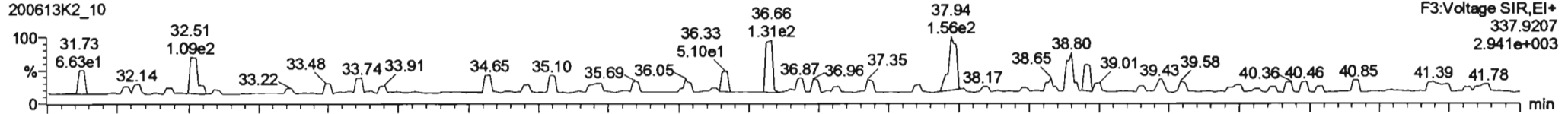


200613K2\_10

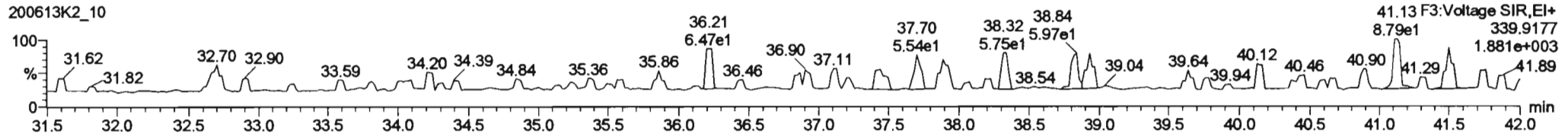


**13C-PCB-104**

200613K2\_10

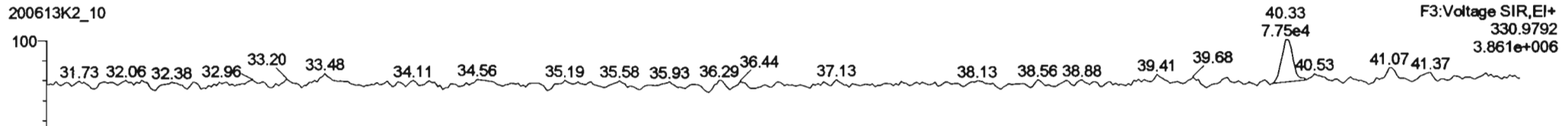


200613K2\_10



**PFK3b**

200613K2\_10



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

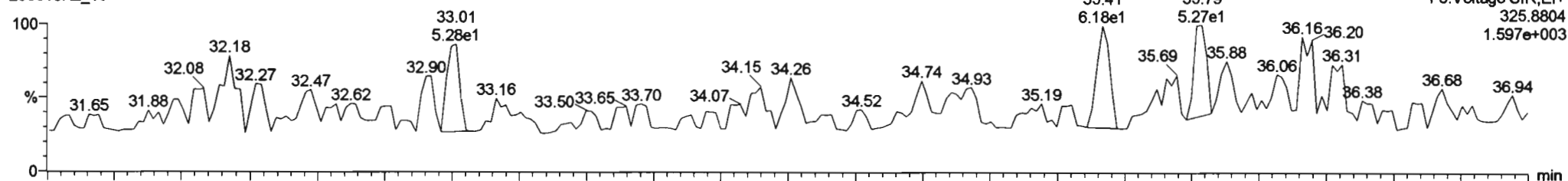
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

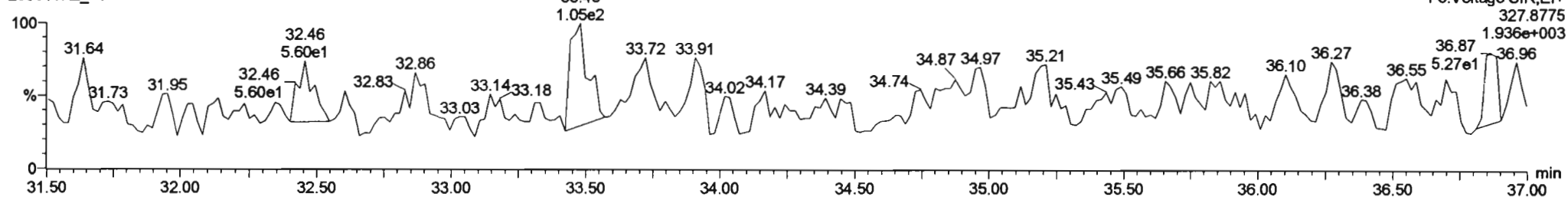
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-96**

200613K2\_10

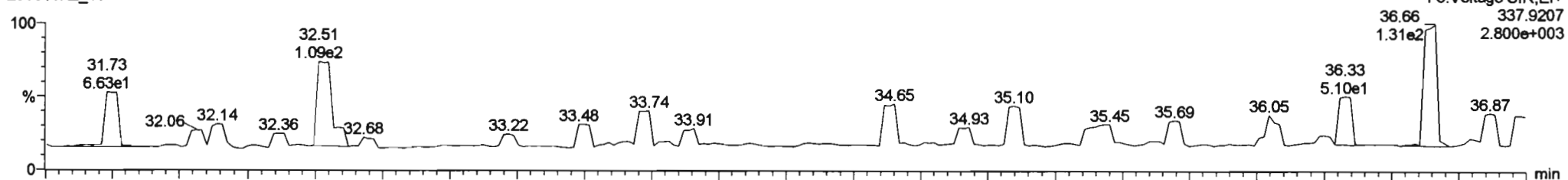


200613K2\_10

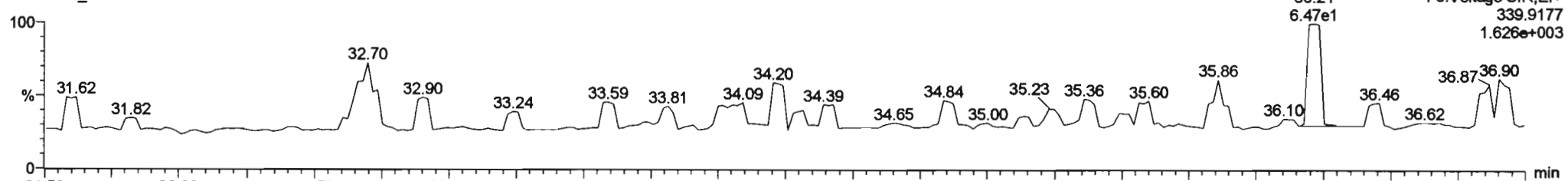


**13C-PCB-95**

200613K2\_10



200613K2\_10



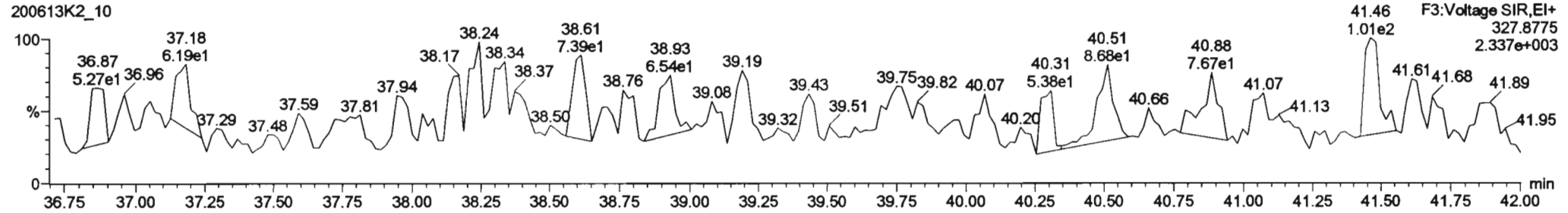
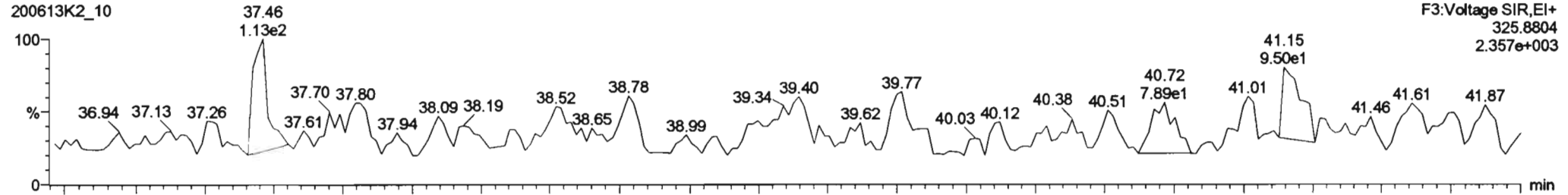


Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

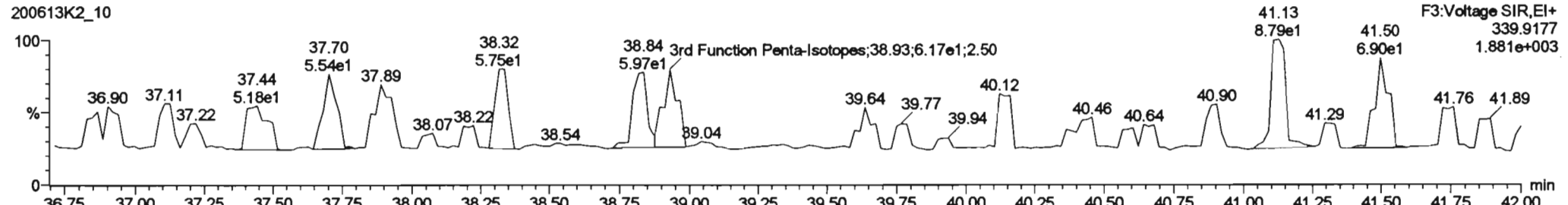
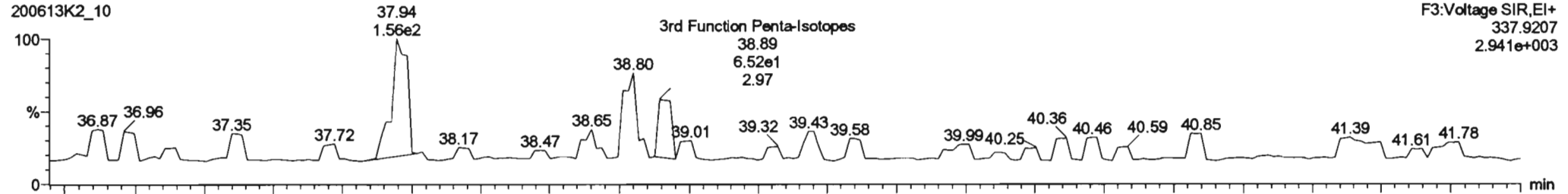
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-119**



**13C-PCB-111**



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

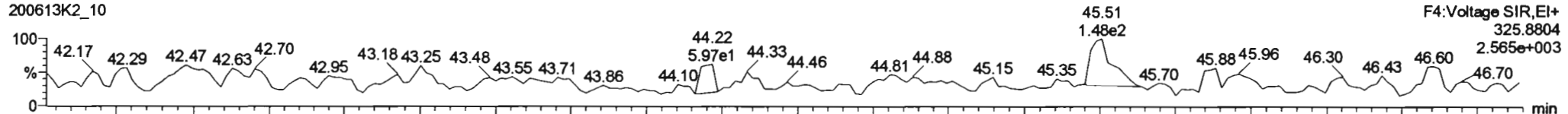
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

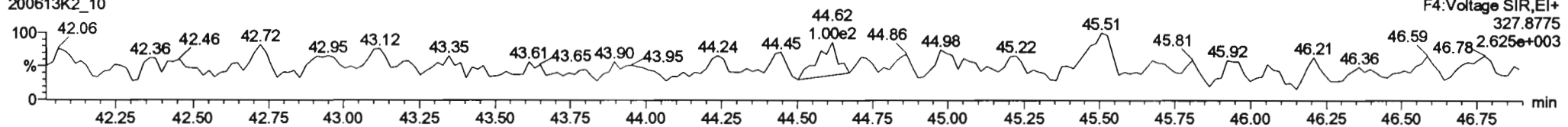
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-114**

200613K2\_10

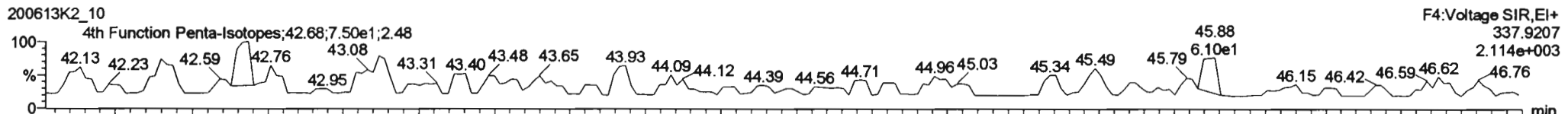


200613K2\_10

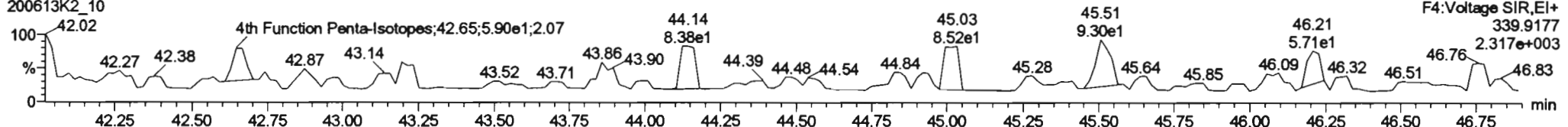


**13C-PCB-114**

200613K2\_10

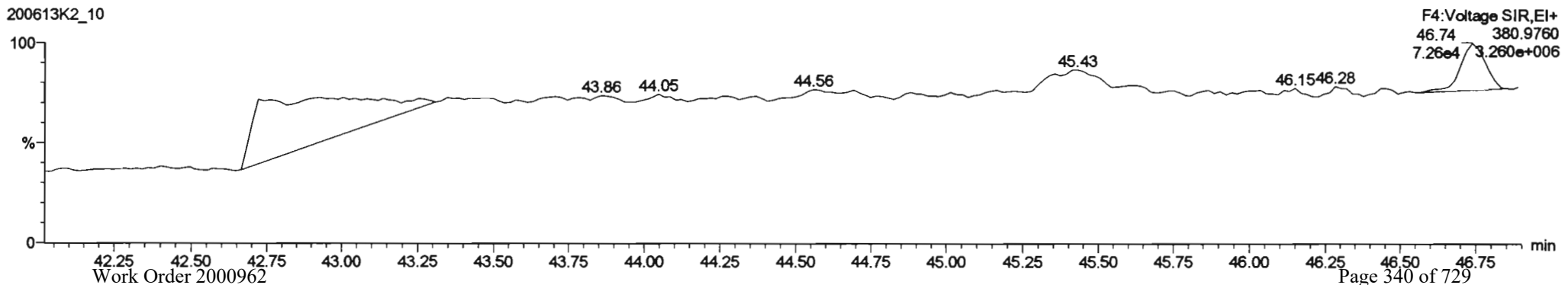


200613K2\_10



**PFK4a**

200613K2\_10



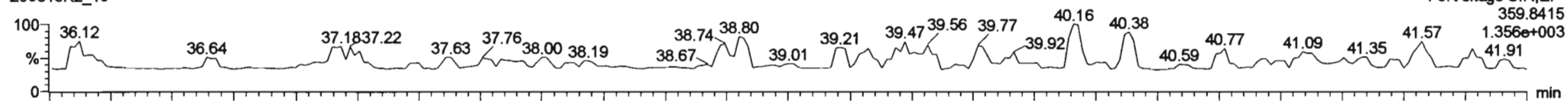
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

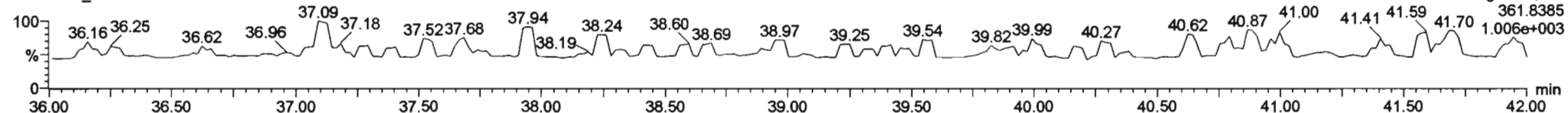
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-155**

200613K2\_10

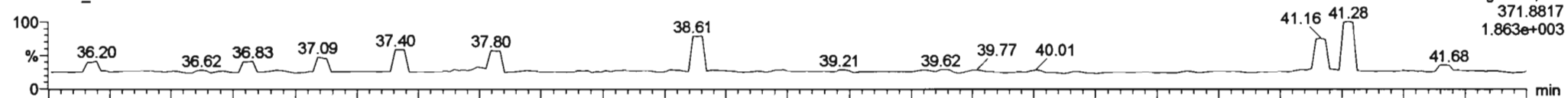


200613K2\_10

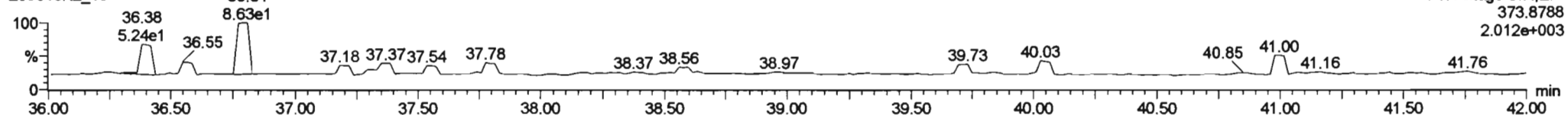


**13C-PCB-155**

200613K2\_10

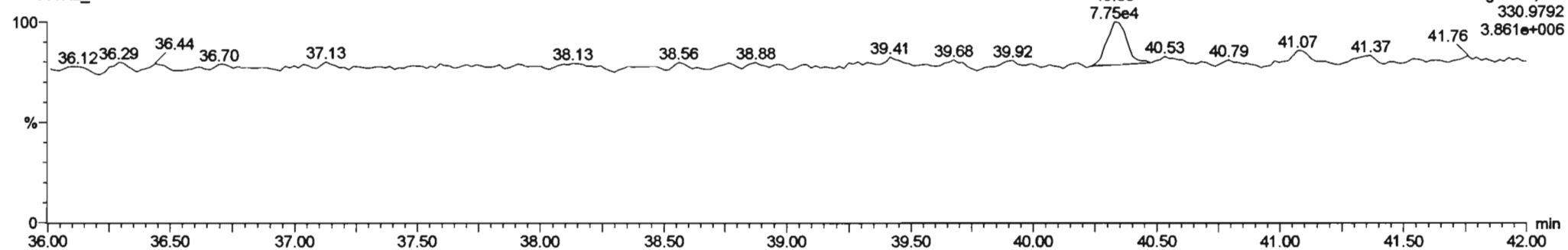


200613K2\_10



**PFK3c**

200613K2\_10



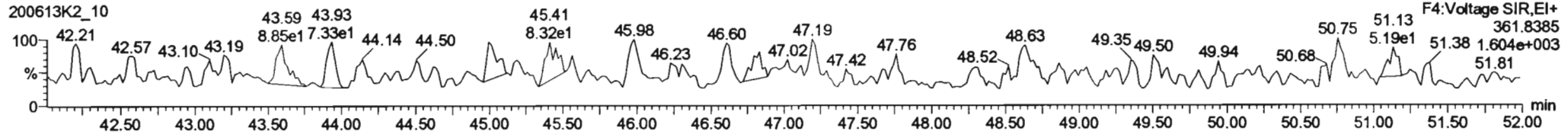
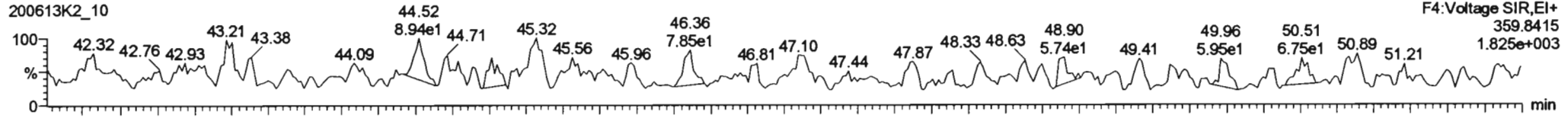
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time

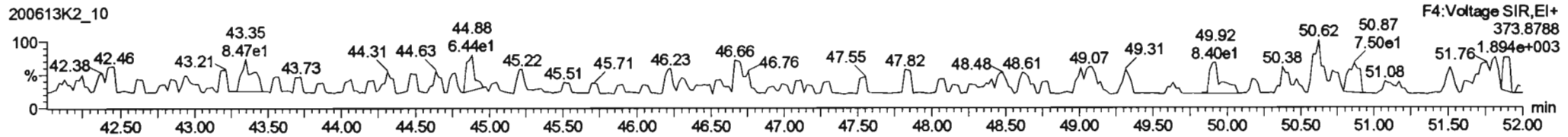
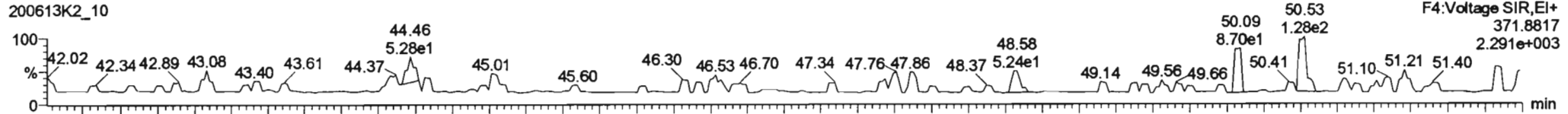
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

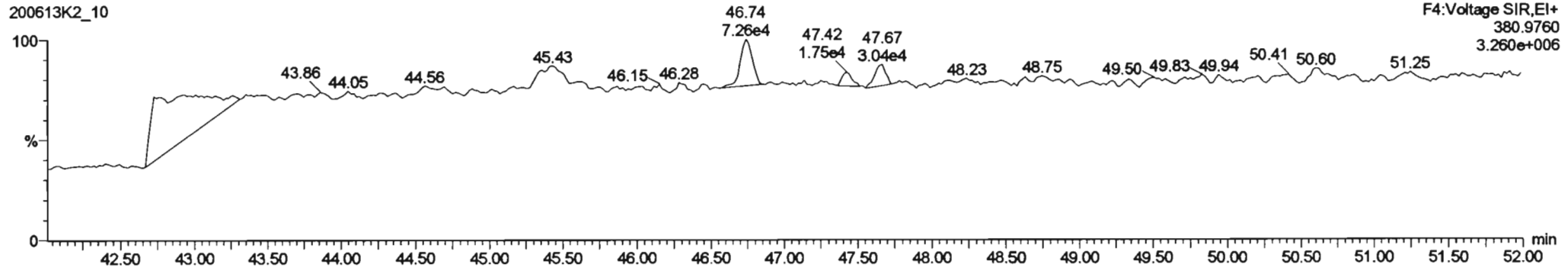
**PCB-134/143**



**13C-PCB-153**



**PFK4b**



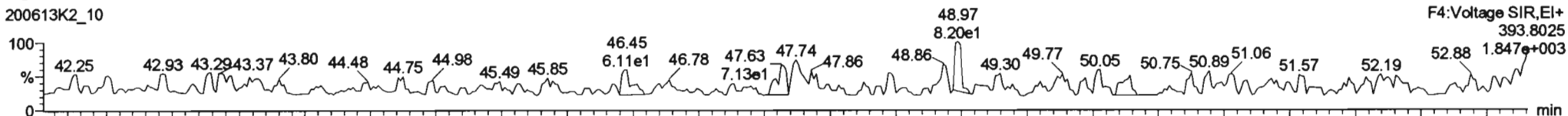
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

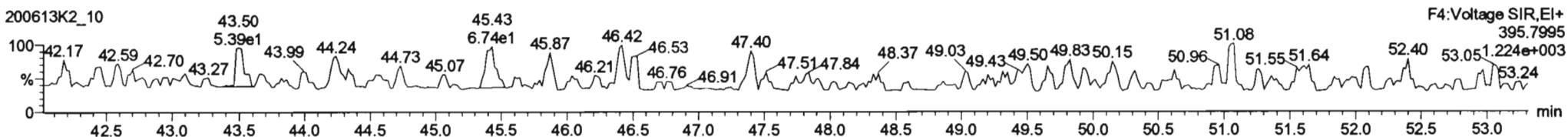
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-188**

200613K2\_10

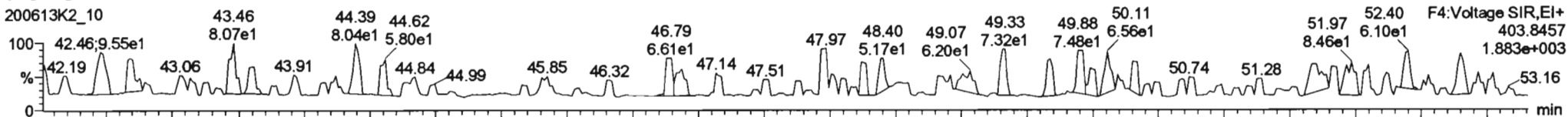


200613K2\_10

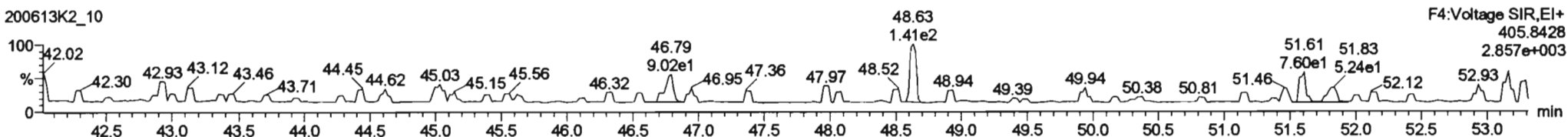


**13C-PCB-188**

200613K2\_10

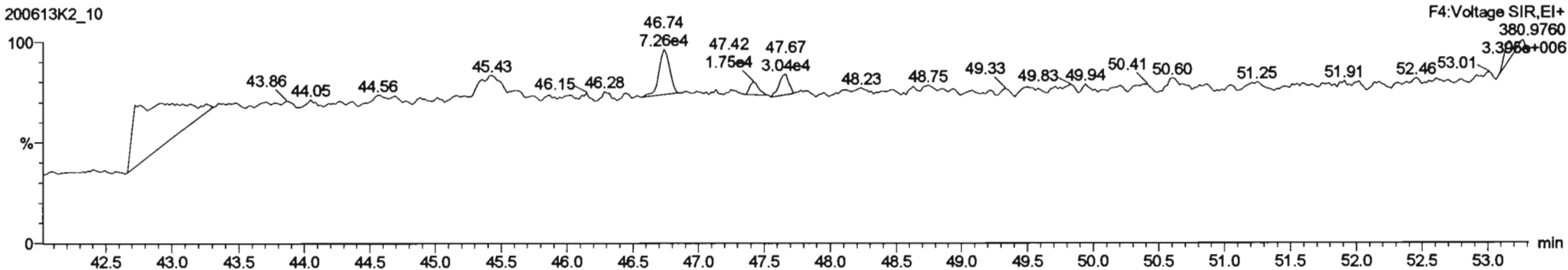


200613K2\_10



**PFK4c**

200613K2\_10



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

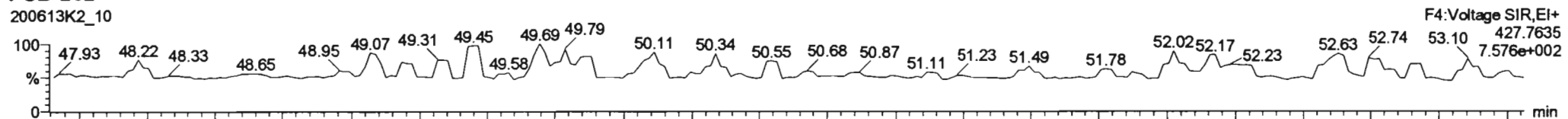
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time

Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

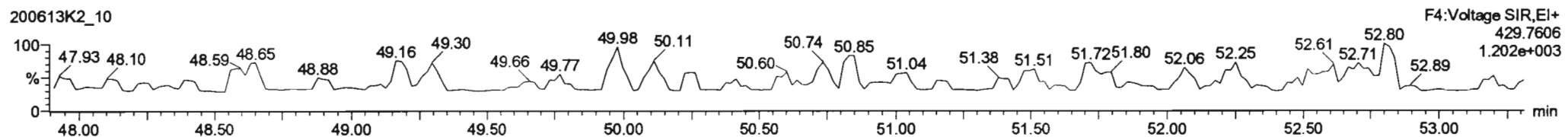
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-202**

200613K2\_10

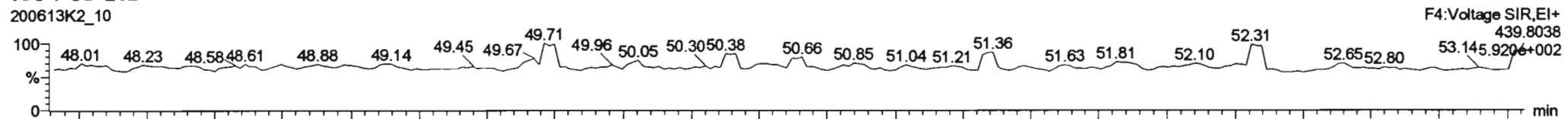


200613K2\_10

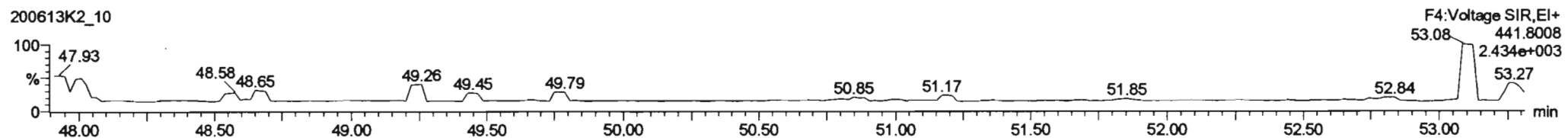


**13C-PCB-202**

200613K2\_10

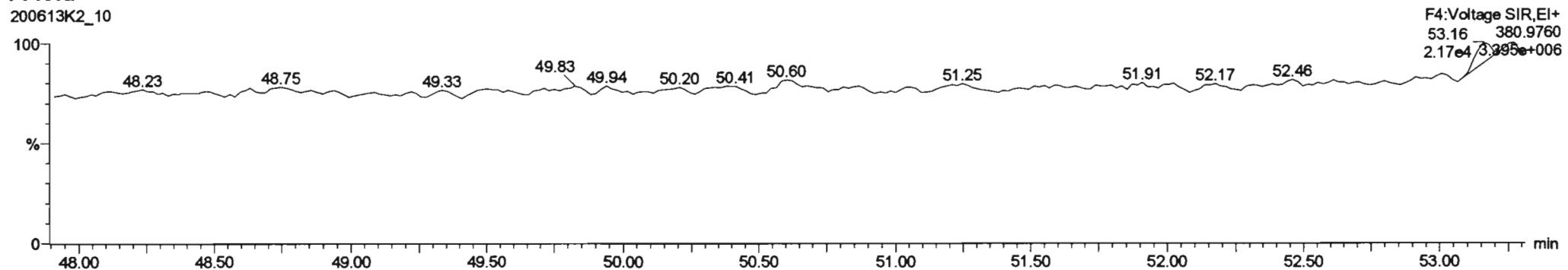


200613K2\_10



**PFK4d**

200613K2\_10



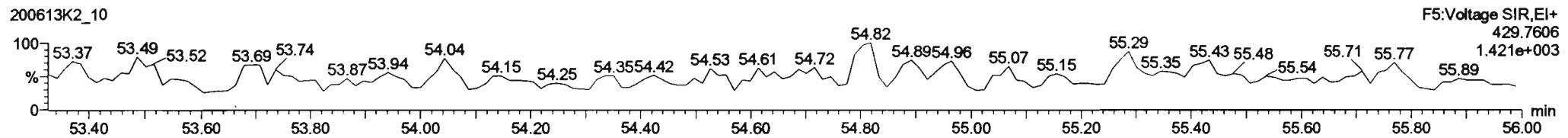
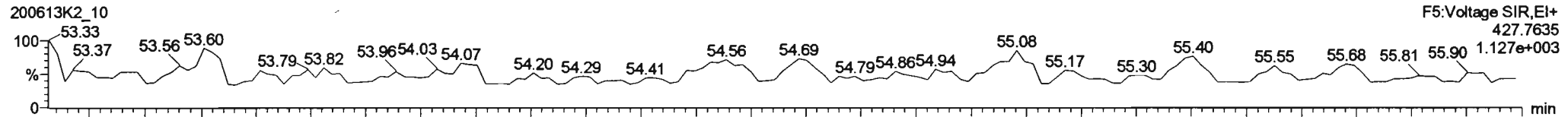


Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

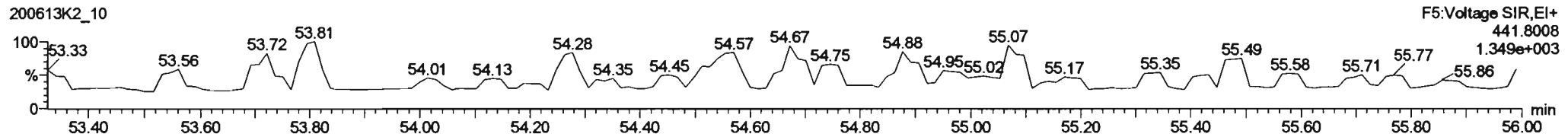
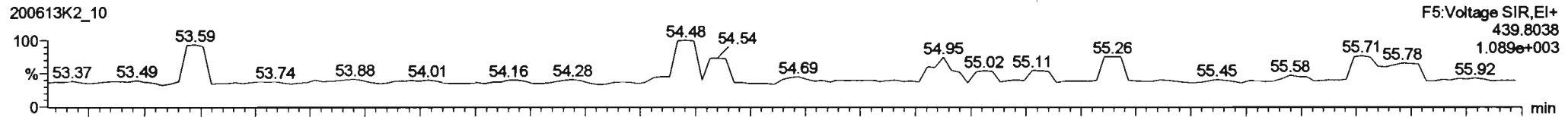
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

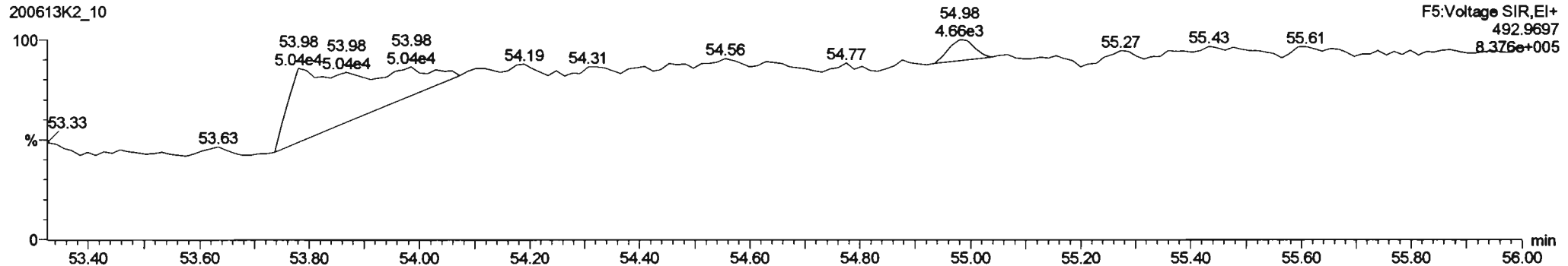
**PCB-195**



**13C-PCB-194**



**PFK5a**



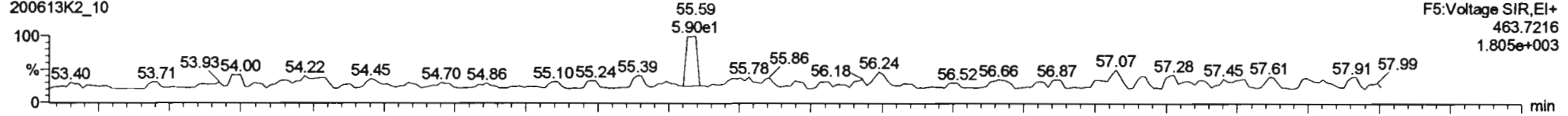
Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

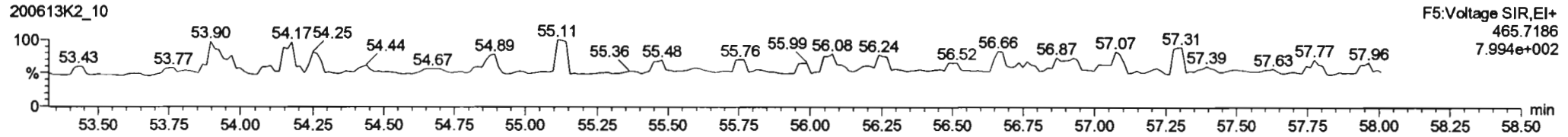
Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-208**

200613K2\_10

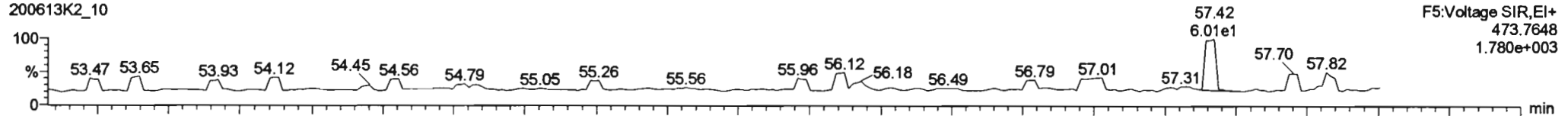


200613K2\_10

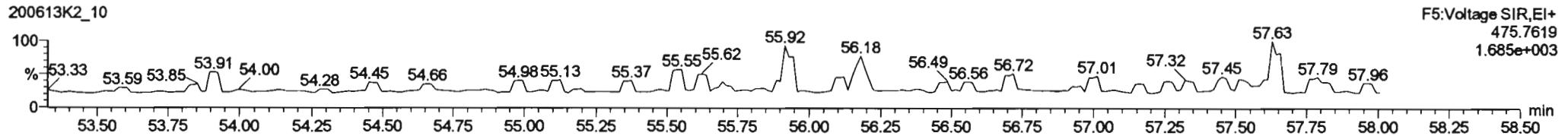


**13C-PCB-208**

200613K2\_10

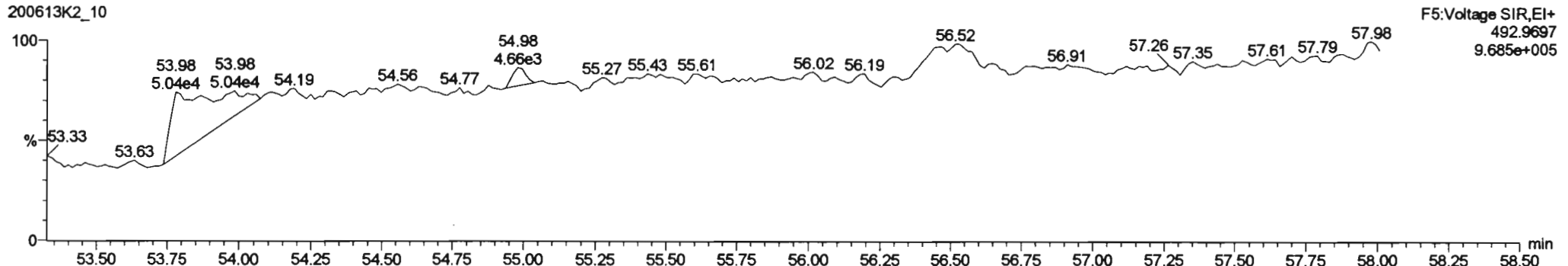


200613K2\_10



**PFK5**

200613K2\_10



Dataset: U:\VG11.PRO\Results\200613K1\200613K2-10.qld

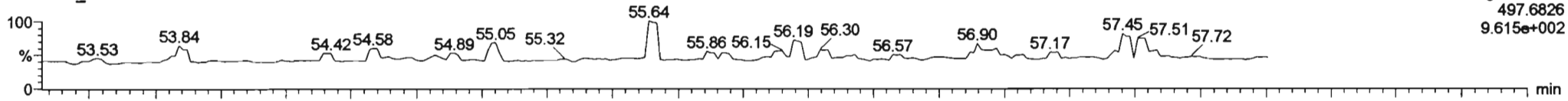
Last Altered: Sunday, June 14, 2020 13:42:47 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:43:06 Pacific Daylight Time

Name: 200613K2\_10, Date: 13-Jun-2020, Time: 23:54:53, ID: SOLVENT BLANK, Description: SOLVENT BLANK

**PCB-209**

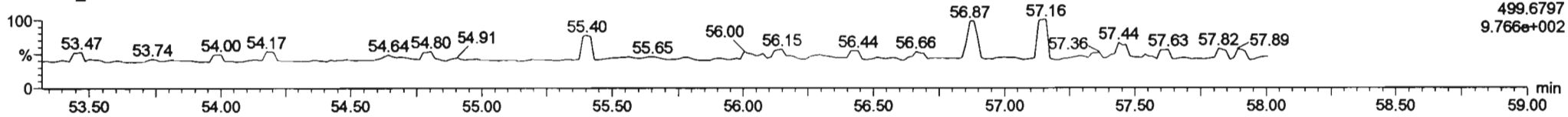
200613K2\_10

F5:Voltage SIR,EI+  
497.6826  
9.615e+002



200613K2\_10

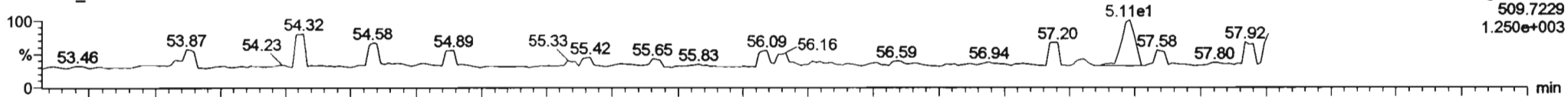
F5:Voltage SIR,EI+  
499.6797  
9.766e+002



**13C-PCB-209**

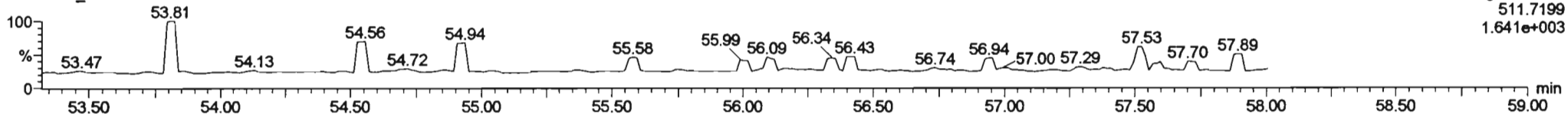
200613K2\_10

F5:Voltage SIR,EI+  
509.7229  
1.250e+003



200613K2\_10

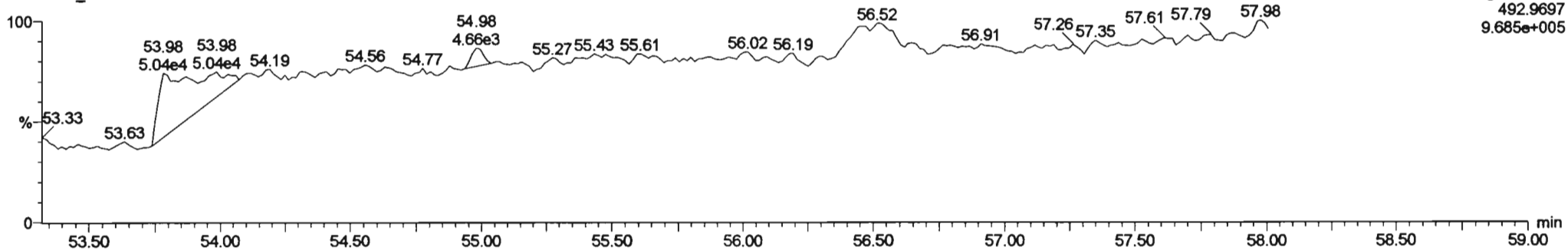
F5:Voltage SIR,EI+  
511.7199  
1.641e+003



**PFK5b**

200613K2\_10

F5:Voltage SIR,EI+  
492.9697  
9.685e+005



# HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

**Beg. Calibration ID:** ST200615K1-1

**Reviewed By:** AT 06/17/2020  
*Initials & Date*

**End Calibration ID:** NA

	<u>Beg.</u>	<u>End</u>
<b>Ion abundance within QC limits?</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Concentrations within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>TCDD/TCDF Valleys &lt;25%</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>First and last eluters present?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Retention Times within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Verification Std. named correctly?</b> (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Forms signed and dated?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Correct ICAL referenced?</b>	<u>HC</u>	<u>AT</u>
<b>Run Log:</b>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
- Bottle position verified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Mass resolution  $\geq$**

5k    6-8K    8K    10K  
 1614   1699   429   1613/1668/8280

**Intergrated peaks display correctly?**

**GC Break <20%**

**8280 CS1 End Standard:**

- Ratios within limits, S/N <2.5:1, CS1 within 12 hours

**Comments:**  
 (A) 1 mass affected by column bleed

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

*HL 6/15/2020*

*C706/17/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRP	wt/vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	7.91e5	3.19	NO	1.17	1.000	15.51	15.52	1.001	1.002	NO	55.70	111	0.0165	55.70
2	2 PCB-2	7.98e5	3.18	NO	1.18	1.000	17.93	17.92	0.988	0.988	NO	55.30	111	0.0168	55.30
3	3 PCB-3	7.90e5	3.17	NO	1.15	1.000	18.16	18.16	1.001	1.001	NO	56.37	113	0.0173	56.37
4	4 PCB-4/10	1.23e6	1.55	NO	1.25	1.000	19.58	19.57	1.004	1.004	NO	108.4	108	0.0646	108.4
5	5 PCB-7/9	1.48e6	1.56	NO	0.960	1.000	21.38	21.38	1.003	1.003	NO	108.9	109	0.0537	108.9
6	6 PCB-6	7.74e5	1.57	NO	1.02	1.000	22.02	22.03	1.033	1.033	NO	53.36	107	0.0504	53.35
7	7 PCB-5/8	1.52e6	1.55	NO	0.992	1.000	22.43	22.44	1.052	1.053	NO	108.0	108	0.0520	108.0
8	8 PCB-14	7.74e5	1.56	NO	1.02	1.000	23.57	23.57	0.952	0.951	NO	54.11	108	0.0533	54.11
9	9 PCB-11	8.38e5	1.57	NO	1.13	1.000	24.79	24.79	1.001	1.001	NO	52.88	106	0.0482	52.88
10	10 PCB-12/13	1.59e6	1.55	NO	1.03	1.000	25.22	25.17	1.018	1.016	NO	110.0	110	0.0528	110.0
11	11 PCB-15	7.98e5	1.56	NO	1.03	1.000	25.53	25.52	1.031	1.030	NO	54.84	110	0.0524	54.84
12	12 PCB-19	3.67e5	1.04	NO	1.11	1.000	23.76	23.75	1.001	1.001	NO	55.69	111	0.0358	55.69
13	13 PCB-30	6.02e5	1.04	NO	1.79	1.000	24.66	24.67	1.039	1.040	NO	56.39	113	0.0221	56.39
14	14 PCB-18	4.06e5	1.02	NO	0.818	1.000	25.44	25.44	0.952	0.952	NO	56.14	112	0.0336	56.14
15	15 PCB-17	3.83e5	1.02	NO	0.758	1.000	25.61	25.62	0.958	0.958	NO	57.07	114	0.0363	57.07
16	16 PCB-24/27	1.07e6	1.03	NO	1.08	1.000	26.23	26.21	0.981	0.980	NO	112.2	112	0.0254	112.2
17	17 PCB-16/32	9.28e5	1.02	NO	0.925	1.000	26.75	26.74	1.001	1.000	NO	113.3	113	0.0297	113.3
18	18 PCB-34	6.12e5	1.01	NO	0.945	1.000	27.54	27.56	0.959	0.959	NO	47.67	95.3	0.0349	47.67
19	19 PCB-23	6.70e5	1.02	NO	0.883	1.000	27.64	27.65	0.962	0.962	NO	55.87	112	0.0374	55.87
20	20 PCB-29	6.38e5	1.02	NO	0.893	1.000	27.89	27.91	0.971	0.971	NO	52.62	105	0.0370	52.62
21	21 PCB-26	6.71e5	1.02	NO	0.944	1.000	28.12	28.12	0.979	0.979	NO	52.37	105	0.0350	52.38
22	22 PCB-25	6.58e5	1.04	NO	0.950	1.000	28.28	28.29	0.984	0.984	NO	51.04	102	0.0347	51.04
23	23 PCB-31	7.77e5	1.00	NO	1.04	1.000	28.64	28.66	0.997	0.997	NO	55.18	110	0.0318	55.18
24	24 PCB-28	6.88e5	1.04	NO	1.03	1.000	28.75	28.75	1.001	1.001	NO	49.45	98.9	0.0322	49.45
25	25 PCB-20/21/33	2.00e6	1.03	NO	0.941	1.000	29.39	29.39	1.023	1.023	NO	156.8	105	0.0351	156.8
26	26 PCB-22	6.86e5	1.02	NO	0.973	1.000	29.83	29.85	1.038	1.039	NO	51.89	104	0.0339	51.89
27	27 PCB-36	7.10e5	1.03	NO	1.08	1.000	30.49	30.48	0.931	0.931	NO	55.38	111	0.0335	55.38
28	28 PCB-39	6.63e5	1.04	NO	0.988	1.000	30.97	30.97	0.946	0.946	NO	56.34	113	0.0365	56.34
29	29 PCB-38	6.78e5	1.03	NO	1.05	1.000	31.76	31.77	0.970	0.970	NO	54.07	108	0.0343	54.07
30	30 PCB-35	6.96e5	1.04	NO	1.04	1.000	32.31	32.31	0.987	0.987	NO	55.94	112	0.0345	55.94
31	31 PCB-37	6.77e5	1.02	NO	1.01	1.000	32.75	32.75	1.001	1.001	NO	56.35	113	0.0357	56.35
32	32 PCB-54	4.86e5	0.76	NO	1.08	1.000	27.60	27.62	1.001	1.001	NO	53.90	108	0.0316	53.90



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	4.07e5	0.76	NO	0.880	1.000	28.79	28.81	1.044	1.044	NO	55.43	111	0.0388	55.43
34	34 PCB-53	3.77e5	0.77	NO	0.997	1.000	29.48	29.48	0.944	0.944	NO	57.45	115	0.0442	57.45
35	35 PCB-51	4.03e5	0.77	NO	1.07	1.000	29.82	29.83	0.955	0.955	NO	57.44	115	0.0413	57.44
36	36 PCB-45	3.26e5	0.76	NO	0.858	1.000	30.27	30.28	0.969	0.970	NO	57.67	115	0.0513	57.67
37	37 PCB-46	3.04e5	0.76	NO	0.831	1.000	30.76	30.78	0.985	0.986	NO	55.66	111	0.0530	55.66
38	38 PCB-52/69	8.82e5	0.75	NO	1.17	1.000	31.26	31.26	1.001	1.001	NO	114.9	115	0.0377	114.9
39	39 PCB-73	5.16e5	0.77	NO	1.44	1.000	31.38	31.39	1.005	1.005	NO	54.33	109	0.0305	54.33
40	40 PCB-43/49	7.50e5	0.76	NO	1.02	1.000	31.55	31.56	1.010	1.011	NO	112.2	112	0.0433	112.2
41	41 PCB-47	3.67e5	0.75	NO	0.922	1.000	31.77	31.77	1.001	1.001	NO	56.76	114	0.0449	56.76
42	42 PCB-48/75	8.74e5	0.76	NO	1.12	1.000	31.88	31.90	1.004	1.005	NO	111.4	111	0.0369	111.4
43	43 PCB-65	4.83e5	0.76	NO	1.28	1.000	32.15	32.16	1.013	1.013	NO	53.75	107	0.0323	53.75
44	44 PCB-62	4.55e5	0.77	NO	1.13	1.000	32.26	32.27	1.016	1.016	NO	57.54	115	0.0367	57.54
45	45 PCB-44	3.22e5	0.75	NO	0.824	1.000	32.60	32.58	1.027	1.026	NO	55.75	112	0.0502	55.75
46	46 PCB-42/59	8.21e5	0.77	NO	1.05	1.000	32.83	32.83	1.034	1.034	NO	111.6	112	0.0394	111.6
47	47 PCB-41/64/71/72	1.86e6	0.77	NO	1.19	1.000	33.43	33.42	1.053	1.053	NO	223.9	112	0.0348	223.9
48	48 PCB-68	4.96e5	0.76	NO	1.28	1.000	33.68	33.70	1.061	1.061	NO	55.42	111	0.0324	55.42
49	49 PCB-40	2.40e5	0.79	NO	0.602	1.000	33.91	33.92	1.068	1.069	NO	56.86	114	0.0687	56.86
50	50 PCB-57	5.23e5	0.75	NO	1.16	1.000	34.29	34.30	0.969	0.970	NO	55.47	111	0.0309	55.47
51	51 PCB-67	5.03e5	0.76	NO	1.08	1.000	34.60	34.61	0.978	0.978	NO	57.19	114	0.0332	57.19
52	52 PCB-58	5.17e5	0.79	NO	1.20	1.000	34.73	34.72	0.982	0.982	NO	52.95	106	0.0299	52.95
53	53 PCB-63	4.78e5	0.75	NO	1.07	1.000	34.88	34.89	0.986	0.986	NO	55.03	110	0.0336	55.03
54	54 PCB-74	5.26e5	0.77	NO	1.19	1.000	35.18	35.19	0.994	0.995	NO	54.75	110	0.0304	54.75
55	55 PCB-61/70	9.58e5	0.77	NO	1.05	1.000	35.39	35.32	1.000	0.998	NO	112.0	112	0.0341	112.0
56	56 PCB-76/66	1.03e6	0.77	NO	1.16	1.000	35.58	35.60	1.006	1.006	NO	109.4	109	0.0309	109.4
57	57 PCB-80	5.33e5	0.76	NO	1.19	1.000	35.85	35.84	1.001	1.000	NO	53.71	107	0.0298	53.71
58	58 PCB-55	5.40e5	0.74	NO	1.17	1.000	36.16	36.16	1.010	1.009	NO	55.23	110	0.0302	55.23
59	59 PCB-56/60	9.55e5	0.77	NO	1.02	1.000	36.68	36.68	1.024	1.024	NO	112.1	112	0.0347	112.1
60	60 PCB-79	5.21e5	0.76	NO	1.14	1.000	37.78	37.78	1.055	1.054	NO	54.66	109	0.0310	54.66
61	61 PCB-78	5.08e5	0.78	NO	1.14	1.000	38.51	38.50	0.987	0.987	NO	55.53	111	0.0326	55.53
62	62 PCB-81	4.48e5	0.76	NO	1.05	1.000	39.04	39.04	1.000	1.000	NO	53.20	106	0.0354	53.20
63	63 PCB-77	4.87e5	0.79	NO	1.14	1.000	39.66	39.66	1.000	1.000	NO	53.99	108	0.0327	53.99
64	64 PCB-104	2.90e5	1.59	NO	1.12	1.000	32.44	32.46	1.001	1.001	NO	58.23	116	0.179	58.23
65	65 PCB-96	2.86e5	1.63	NO	1.15	1.000	33.76	33.76	1.041	1.041	NO	55.87	112	0.174	55.87
66	66 PCB-103	2.28e5	1.59	NO	0.936	1.000	34.32	34.32	1.059	1.059	NO	54.91	110	0.214	54.91
67	67 PCB-100	2.30e5	1.54	NO	0.954	1.000	34.67	34.67	1.069	1.069	NO	54.53	109	0.210	54.53
68	68 PCB-94	1.78e5	1.59	NO	0.949	1.000	35.17	35.15	0.985	0.985	NO	55.42	111	0.275	55.42



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	7.07e5	1.59	NO	1.20	1.000	35.65	35.64	0.999	0.998	NO	173.8	116	0.216	173.8
70	70 PCB-93	1.56e5	1.62	NO	0.935	1.000	35.77	35.79	1.002	1.003	NO	49.40	98.8	0.279	49.40
71	71 PCB-88/91	3.87e5	1.58	NO	1.06	1.000	36.12	36.12	1.012	1.012	NO	107.7	108	0.245	107.7
72	72 PCB-121	3.45e5	1.60	NO	1.71	1.000	36.21	36.21	1.015	1.015	NO	59.73	119	0.152	59.73
73	73 PCB-84/92	3.90e5	1.58	NO	1.02	1.000	37.08	37.07	0.990	0.990	NO	114.9	115	0.265	114.9
74	74 PCB-89	2.09e5	1.61	NO	1.11	1.000	37.25	37.26	0.995	0.995	NO	56.76	114	0.244	56.76
75	75 PCB-90/101	4.22e5	1.63	NO	1.12	1.000	37.46	37.44	1.000	1.000	NO	112.5	112	0.240	112.5
76	76 PCB-113	2.72e5	1.57	NO	1.51	1.000	37.70	37.70	1.007	1.007	NO	53.84	108	0.178	53.84
77	77 PCB-99	2.57e5	1.59	NO	1.32	1.000	37.79	37.80	1.009	1.009	NO	58.38	117	0.204	58.38
78	78 PCB-119	2.88e5	1.60	NO	1.81	1.000	38.28	38.28	0.987	0.987	NO	52.92	106	0.165	52.92
79	79 PCB-108/112	4.86e5	1.56	NO	1.44	1.000	38.44	38.43	0.991	0.991	NO	111.7	112	0.207	111.7
80	80 PCB-83	3.08e5	1.59	NO	1.83	1.000	38.59	38.60	0.995	0.995	NO	55.93	112	0.163	55.93
81	81 PCB-97	2.06e5	1.61	NO	1.28	1.000	38.80	38.80	1.000	1.000	NO	53.38	107	0.233	53.38
82	82 PCB-86	2.10e5	1.64	NO	1.12	1.000	38.95	38.95	1.004	1.004	NO	62.49	125	0.267	62.49
83	83 PCB-87/117/125	7.77e5	1.59	NO	1.56	1.000	39.10	39.08	1.008	1.008	NO	165.6	110	0.192	165.6
84	84 PCB-111/115	6.07e5	1.58	NO	1.91	1.000	39.25	39.25	1.012	1.012	NO	105.6	106	0.156	105.6
85	85 PCB-85/116	4.91e5	1.61	NO	1.41	1.000	39.38	39.38	1.015	1.015	NO	115.7	116	0.212	115.7
86	86 PCB-120	3.37e5	1.58	NO	2.01	1.000	39.64	39.62	1.022	1.022	NO	55.90	112	0.149	55.90
87	87 PCB-110	2.82e5	1.60	NO	1.74	1.000	39.77	39.77	1.026	1.025	NO	53.85	108	0.171	53.85
88	88 PCB-82	1.73e5	1.55	NO	0.781	1.000	40.43	40.42	0.976	0.976	NO	55.89	112	0.288	55.89
89	89 PCB-124	2.86e5	1.59	NO	1.40	1.000	41.13	41.13	0.993	0.993	NO	51.84	104	0.161	51.84
90	90 PCB-107/109	6.05e5	1.59	NO	1.34	1.000	41.28	41.28	0.996	0.996	NO	114.0	114	0.168	114.0
91	91 PCB-123	2.70e5	1.57	NO	1.20	1.000	41.44	41.44	1.000	1.000	NO	57.08	114	0.188	57.08
92	92 PCB-106/118	5.79e5	1.60	NO	1.22	1.000	41.65	41.67	1.001	1.001	NO	114.7	115	0.179	114.7
93	93 PCB-114	4.41e5	1.58	NO	1.14	1.000	42.31	42.30	1.000	1.000	NO	52.76	106	0.0579	52.76
94	94 PCB-122	3.91e5	1.59	NO	0.944	1.000	42.46	42.46	1.004	1.004	NO	56.58	113	0.0699	56.58
95	95 PCB-105	4.21e5	1.58	NO	1.05	1.000	43.19	43.21	1.000	1.001	NO	53.85	108	0.0631	53.85
96	96 PCB-127	4.51e5	1.58	NO	1.06	1.000	43.55	43.56	1.000	1.000	NO	54.29	109	0.0583	54.29
97	97 PCB-126	4.78e5	1.60	NO	1.17	1.000	45.51	45.51	1.000	1.000	NO	54.41	109	0.0557	54.41
98	98 PCB-155	1.15e5	1.33	NO	1.04	1.000	36.98	36.98	1.000	1.000	NO	56.06	112	0.0206	56.06
99	99 PCB-150	1.21e5	1.36	NO	1.08	1.000	38.30	38.30	1.036	1.036	NO	56.92	114	0.0198	56.92
100	1... PCB-152	1.37e5	1.27	NO	1.19	1.000	38.78	38.78	1.049	1.049	NO	58.76	118	0.0181	58.76
101	1... PCB-145	1.32e5	1.33	NO	1.19	1.000	39.25	39.25	1.062	1.062	NO	56.51	113	0.0181	56.51
102	1... PCB-136	1.20e5	1.33	NO	1.02	1.000	39.58	39.58	1.071	1.071	NO	59.75	120	0.0211	59.75
103	1... PCB-148	8.74e4	1.34	NO	0.842	1.000	39.69	39.69	1.074	1.074	NO	52.96	106	0.0255	52.96
104	1... PCB-154	1.01e5	1.28	NO	0.919	1.000	40.20	40.20	1.088	1.088	NO	55.94	112	0.0234	55.94

77-127

at

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
105	1... PCB-151	8.73e4	1.30	NO	0.787	1.000	40.86	40.85	1.105	1.105	NO	56.65	113	0.0273	56.65
106	1... PCB-135	9.32e4	1.31	NO	0.922	1.000	41.07	41.07	1.111	1.111	NO	51.55	103	0.0233	51.55
107	1... PCB-144	9.32e4	1.29	NO	0.789	1.000	41.18	41.18	1.114	1.114	NO	60.29	121	0.0272	60.29
108	1... PCB-147	9.08e4	1.35	NO	0.834	1.000	41.31	41.33	1.118	1.118	NO	55.54	111	0.0258	55.54
109	1... PCB-139/149	2.06e5	1.29	NO	0.948	1.000	41.60	41.59	1.125	1.125	NO	110.8	111	0.0227	110.8
110	1... PCB-140	8.81e4	1.35	NO	0.794	1.000	41.78	41.80	1.130	1.131	NO	56.64	113	0.0271	56.64
111	1... PCB-134/143	4.97e5	1.25	NO	0.759	1.000	42.26	42.25	0.975	0.975	NO	112.5	112	0.0658	112.5
112	1... PCB-131/133	5.23e5	1.26	NO	0.821	1.000	42.56	42.55	0.982	0.982	NO	109.5	109	0.0608	109.5
113	1... PCB-142	2.38e5	1.28	NO	0.754	1.000	42.71	42.70	0.985	0.985	NO	54.29	109	0.0662	54.29
114	1... PCB-146/165	6.34e5	1.25	NO	1.02	1.000	42.95	42.95	0.991	0.991	NO	107.1	107	0.0491	107.1
115	1... PCB-132/161	6.43e5	1.24	NO	1.02	1.000	43.18	43.18	0.996	0.996	NO	107.9	108	0.0487	107.9
116	1... PCB-153	3.23e5	1.27	NO	1.07	1.000	43.36	43.37	1.000	1.000	NO	51.78	104	0.0466	51.78
117	1... PCB-168	3.37e5	1.25	NO	1.08	1.000	43.59	43.59	1.006	1.006	NO	53.77	108	0.0463	53.77
118	1... PCB-141	2.64e5	1.24	NO	1.03	1.000	44.12	44.14	1.000	1.001	NO	54.08	108	0.0612	54.08
119	1... PCB-137	2.70e5	1.22	NO	1.11	1.000	44.52	44.52	1.010	1.010	NO	51.15	102	0.0566	51.15
120	1... PCB-130	2.40e5	1.25	NO	0.885	1.000	44.63	44.63	1.012	1.012	NO	57.16	114	0.0710	57.16
121	1... PCB-138/163/164	1.02e6	1.24	NO	1.28	1.000	45.01	45.03	1.001	1.001	NO	161.3	108	0.0464	161.3
122	1... PCB-158/160	6.95e5	1.25	NO	1.24	1.000	45.26	45.28	1.006	1.007	NO	113.7	114	0.0480	113.7
123	1... PCB-129	2.33e5	1.32	NO	0.867	1.000	45.52	45.53	1.012	1.012	NO	54.55	109	0.0687	54.55
124	1... PCB-166	3.73e5	1.26	NO	1.14	1.000	45.99	45.98	0.993	0.993	NO	54.73	109	0.0437	54.73
125	1... PCB-159	3.94e5	1.24	NO	1.22	1.000	46.32	46.32	1.000	1.000	NO	54.21	108	0.0411	54.21
126	1... PCB-128/162	6.43e5	1.24	NO	0.907	1.000	46.61	46.62	1.007	1.007	NO	118.7	119	0.0551	118.7
127	1... PCB-167	3.55e5	1.24	NO	1.11	1.000	47.02	47.02	1.000	1.000	NO	53.83	108	0.0455	53.83
128	1... PCB-156	3.58e5	1.26	NO	1.13	1.000	48.37	48.37	1.000	1.000	NO	53.11	106	0.0458	53.11
129	1... PCB-157	3.27e5	1.25	NO	1.04	1.000	48.65	48.63	1.001	1.000	NO	53.64	107	0.0489	53.64
130	1... PCB-169	3.50e5	1.26	NO	1.16	1.000	50.91	50.91	1.000	1.000	NO	52.40	105	0.0444	52.40
131	1... PCB-188	2.77e5	1.03	NO	1.29	1.000	43.01	42.99	1.001	1.000	NO	53.80	108	0.0692	53.80
132	1... PCB-184	2.74e5	1.05	NO	1.23	1.000	43.44	43.46	1.011	1.012	NO	55.71	111	0.0725	55.70
133	1... PCB-179	2.78e5	1.03	NO	1.30	1.000	44.26	44.26	1.030	1.030	NO	53.72	107	0.0688	53.72
134	1... PCB-176	2.79e5	1.02	NO	1.31	1.000	44.72	44.73	1.041	1.041	NO	53.54	107	0.0682	53.54
135	1... PCB-186	3.08e5	1.04	NO	1.33	1.000	45.35	45.35	1.055	1.056	NO	58.09	116	0.0672	58.09
136	1... PCB-178	2.02e5	1.03	NO	0.943	1.000	45.87	45.87	1.067	1.067	NO	53.75	108	0.0946	53.75
137	1... PCB-175	2.08e5	1.04	NO	0.956	1.000	46.22	46.23	1.076	1.076	NO	54.46	109	0.0933	54.46
138	1... PCB-182/187	4.48e5	1.03	NO	1.07	1.000	46.40	46.42	1.080	1.080	NO	105.3	105	0.0837	105.3
139	1... PCB-183	2.26e5	1.05	NO	1.02	1.000	46.74	46.74	1.088	1.088	NO	55.47	111	0.0873	55.47
140	1... PCB-185	2.05e5	1.05	NO	1.41	1.000	47.42	47.42	0.955	0.955	NO	54.85	110	0.100	54.85

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	1.84e5	1.03	NO	1.35	1.000	47.81	47.80	0.962	0.962	NO	51.03	102	0.104	51.03
142	1... PCB-181	2.26e5	1.05	NO	1.47	1.000	47.90	47.89	0.964	0.964	NO	57.68	115	0.0956	57.68
143	1... PCB-177	1.86e5	1.03	NO	1.28	1.000	48.06	48.06	0.968	0.968	NO	54.70	109	0.110	54.70
144	1... PCB-171	1.86e5	1.07	NO	1.32	1.000	48.36	48.37	0.974	0.974	NO	53.18	106	0.107	53.18
145	1... PCB-173	1.77e5	1.03	NO	1.19	1.000	48.81	48.80	0.983	0.983	NO	56.04	112	0.119	56.04
146	1... PCB-172	2.02e5	1.07	NO	1.38	1.000	49.28	49.28	0.992	0.992	NO	55.32	111	0.103	55.32
147	1... PCB-192	2.66e5	1.07	NO	1.83	1.000	49.47	49.47	0.996	0.996	NO	54.71	109	0.0772	54.71
148	1... PCB-180	2.06e5	1.03	NO	1.41	1.000	49.69	49.69	1.000	1.000	NO	54.89	110	0.0999	54.89
149	1... PCB-193	2.40e5	1.06	NO	1.68	1.000	49.90	49.90	1.005	1.005	NO	53.76	108	0.0841	53.76
150	1... PCB-191	2.46e5	1.04	NO	1.71	1.000	50.17	50.17	1.010	1.010	NO	54.02	108	0.0825	54.02
151	1... PCB-170	1.73e5	1.03	NO	1.40	1.000	51.36	51.36	1.000	1.000	NO	53.44	107	0.114	53.44
152	1... PCB-190	2.36e5	1.06	NO	1.85	1.000	51.55	51.55	1.004	1.004	NO	55.22	110	0.0859	55.22
153	1... PCB-189	2.46e5	1.04	NO	1.45	1.000	53.09	53.08	1.000	1.000	NO	54.92	110	0.0736	54.92
154	1... PCB-202	1.55e5	0.90	NO	1.17	1.000	48.60	48.58	1.001	1.000	NO	55.61	111	0.0504	55.61
155	1... PCB-201	1.40e5	0.89	NO	1.05	1.000	49.09	49.09	1.011	1.011	NO	55.51	111	0.0560	55.51
156	1... PCB-204	1.51e5	0.94	NO	1.14	1.000	49.23	49.24	1.014	1.014	NO	55.39	111	0.0516	55.39
157	1... PCB-197	1.53e5	0.93	NO	1.13	1.000	49.55	49.56	1.020	1.021	NO	56.42	113	0.0520	56.42
158	1... PCB-200	1.45e5	0.91	NO	1.07	1.000	50.48	50.49	1.040	1.040	NO	56.66	113	0.0551	56.66
159	1... PCB-198	1.11e5	0.91	NO	0.794	1.000	52.06	52.06	1.072	1.072	NO	58.24	116	0.0742	58.24
160	1... PCB-199	1.05e5	0.93	NO	0.809	1.000	52.16	52.17	1.074	1.074	NO	54.18	108	0.0728	54.18
161	1... PCB-196/203	2.28e5	0.90	NO	0.838	1.000	52.48	52.48	1.081	1.081	NO	113.7	114	0.0703	113.7
162	1... PCB-195	2.08e5	0.89	NO	1.04	1.000	53.78	53.78	0.984	0.983	NO	52.58	105	0.0745	52.58
163	1... PCB-194	2.20e5	0.88	NO	1.12	1.000	54.70	54.70	1.000	1.000	NO	52.13	104	0.0697	52.13
164	1... PCB-205	2.93e5	0.90	NO	1.29	1.000	54.97	54.98	1.005	1.005	NO	60.12	120	0.0604	60.13
165	1... PCB-208	2.22e5	1.33	NO	0.933	1.000	53.94	53.94	1.000	1.000	NO	53.11	106	0.0892	53.11
166	1... PCB-207	2.22e5	1.34	NO	0.916	1.000	54.26	54.26	1.006	1.006	NO	54.04	108	0.0908	54.04
167	1... PCB-206	1.59e5	1.33	NO	1.01	1.000	56.24	56.22	1.000	1.000	NO	52.07	104	0.117	52.07
168	1... PCB-209	1.43e5	1.20	NO	0.986	1.000	57.47	57.47	1.000	1.000	NO	52.82	106	0.00658	52.82
169	1... 13C-PCB-1	1.22e6	3.22	NO	0.893	1.000	15.50	15.50	0.608	0.608	NO	92.6	92.6	0.119	
170	1... 13C-PCB-3	1.22e6	3.29	NO	0.911	1.000	18.15	18.14	0.712	0.712	NO	91.18	91.2	0.117	
171	1... 13C-PCB-4	9.09e5	1.59	NO	0.600	1.000	19.49	19.50	0.765	0.765	NO	103.1	103	0.0545	
172	1... 13C-PCB-9	1.42e6	1.59	NO	0.970	1.000	21.32	21.32	0.836	0.836	NO	99.49	99.5	0.0337	
173	1... 13C-PCB-11	1.41e6	1.57	NO	0.962	1.000	24.76	24.77	0.971	0.972	NO	99.54	99.5	0.0340	
174	1... 13C-PCB-19	5.95e5	1.07	NO	0.499	1.000	23.73	23.73	0.931	0.931	NO	81.21	81.2	0.420	
175	1... 13C-PCB-32	8.85e5	1.04	NO	0.744	1.000	26.71	26.73	1.048	1.049	NO	80.98	81.0	0.281	
176	1... 13C-PCB-28	1.36e6	1.03	NO	1.06	1.000	28.75	28.73	1.004	1.003	NO	110.4	110	0.357	

Handwritten notes in blue ink: "95-125/1" at the top and "90-145/1" at the bottom, with a vertical line connecting them.



Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	rv/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.19e6	1.02	NO	0.989	1.000	32.73	32.73	1.143	1.143	NO	104.2	104	0.384	
178	1... 13C-PCB-54	8.35e5	0.79	NO	0.999	1.000	27.60	27.58	0.753	0.752	NO	102.4	102	0.107	
179	1... 13C-PCB-52	6.58e5	0.79	NO	0.804	1.000	31.24	31.23	0.852	0.852	NO	100.2	100	0.133	
180	1... 13C-PCB-47	7.01e5	0.79	NO	0.857	1.000	31.76	31.75	0.866	0.866	NO	100.2	100	0.125	
181	1... 13C-PCB-70	8.11e5	0.79	NO	0.996	1.000	35.39	35.38	0.965	0.965	NO	99.81	99.8	0.108	
182	1... 13C-PCB-80	8.36e5	0.80	NO	1.03	1.000	35.82	35.82	0.977	0.977	NO	99.69	99.7	0.104	
183	1... 13C-PCB-81	8.06e5	0.79	NO	0.988	1.000	39.03	39.02	1.064	1.064	NO	99.92	99.9	0.108	
184	1... 13C-PCB-77	7.93e5	0.81	NO	0.969	1.000	39.64	39.64	1.081	1.081	NO	100.3	100	0.111	
185	1... 13C-PCB-104	4.43e5	1.67	NO	1.02	1.000	32.44	32.42	0.827	0.826	NO	102.7	103	0.0632	
186	1... 13C-PCB-95	3.38e5	1.61	NO	0.805	1.000	35.69	35.69	0.910	0.910	NO	98.80	98.8	0.0798	
187	1... 13C-PCB-101	3.34e5	1.64	NO	0.793	1.000	37.44	37.44	0.954	0.955	NO	99.22	99.2	0.0811	
188	1... 13C-PCB-97	3.01e5	1.70	NO	0.696	1.000	38.78	38.78	0.989	0.989	NO	101.8	102	0.0923	
189	1... 13C-PCB-123	3.95e5	1.64	NO	0.933	1.000	41.42	41.42	1.056	1.056	NO	99.84	99.8	0.0689	
190	1... 13C-PCB-118	4.14e5	1.66	NO	0.986	1.000	41.61	41.61	1.061	1.061	NO	98.88	98.9	0.0652	
191	1... 13C-PCB-114	7.32e5	1.60	NO	1.55	1.000	42.29	42.28	0.908	0.908	NO	103.2	103	0.0647	
192	1... 13C-PCB-105	7.45e5	1.56	NO	1.57	1.000	43.17	43.18	0.927	0.927	NO	103.3	103	0.0637	
193	1... 13C-PCB-127	7.85e5	1.58	NO	1.62	1.000	43.53	43.54	0.934	0.934	NO	105.3	105	0.0616	
194	1... 13C-PCB-126	7.50e5	1.62	NO	1.57	1.000	45.49	45.49	0.976	0.976	NO	104.3	104	0.0639	
195	1... 13C-PCB-155	1.96e5	1.38	NO	0.615	1.000	36.96	36.96	0.942	0.942	NO	75.14	75.1	0.0376	
196	1... 13C-PCB-153	5.82e5	1.26	NO	1.36	1.000	43.34	43.35	0.930	0.930	NO	92.96	93.0	0.0756	
197	1... 13C-PCB-141	4.75e5	1.33	NO	1.13	1.000	44.11	44.10	0.947	0.947	NO	91.76	91.8	0.0914	
198	1... 13C-PCB-138	4.93e5	1.29	NO	1.18	1.000	44.97	44.98	0.965	0.965	NO	90.81	90.8	0.0871	
199	1... 13C-PCB-159	5.97e5	1.28	NO	1.44	1.000	46.30	46.30	0.994	0.994	NO	90.42	90.4	0.0716	
200	2... 13C-PCB-167	5.95e5	1.27	NO	1.44	1.000	47.01	47.00	1.009	1.009	NO	90.01	90.0	0.0716	
201	2... 13C-PCB-156	5.98e5	1.28	NO	1.40	1.000	48.32	48.35	1.037	1.038	NO	93.39	93.4	0.0738	
202	2... 13C-PCB-157	5.88e5	1.27	NO	1.40	1.000	48.61	48.61	1.043	1.043	NO	91.76	91.8	0.0738	
203	2... 13C-PCB-169	5.77e5	1.27	NO	1.33	1.000	50.89	50.89	1.092	1.092	NO	94.49	94.5	0.0775	
204	2... 13C-PCB-188	3.99e5	0.46	NO	1.41	1.000	42.96	42.97	0.926	0.926	NO	100.7	101	0.0815	
205	2... 13C-PCB-180	2.66e5	0.47	NO	0.929	1.000	49.65	49.67	1.070	1.071	NO	102.0	102	0.124	
206	2... 13C-PCB-170	2.31e5	0.46	NO	0.794	1.000	51.32	51.34	1.106	1.107	NO	103.6	104	0.145	
207	2... 13C-PCB-189	3.08e5	0.46	NO	1.04	1.000	53.07	53.06	1.144	1.144	NO	105.0	105	0.110	
208	2... 13C-PCB-202	2.39e5	0.93	NO	1.04	1.000	48.55	48.56	1.046	1.046	NO	82.24	82.2	0.0743	
209	2... 13C-PCB-194	3.78e5	0.90	NO	0.768	1.000	54.71	54.69	0.995	0.995	NO	90.91	90.9	0.107	
210	2... 13C-PCB-208	4.49e5	0.77	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	83.67	83.7	0.108	
211	2... 13C-PCB-206	3.04e5	0.79	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	101.6	102	0.194	
212	2... 13C-PCB-209	2.75e5	1.20	NO	0.396	1.000	57.48	57.47	1.046	1.046	NO	128.2	128	0.0246	

5045

Dataset: U:\VG11.PRO\Results\200615K1\200615K1-1.qld

Last Altered: Monday, June 15, 2020 14:06:19 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:24:12 Pacific Daylight Time

Name: 200615K1\_1, Date: 15-Jun-2020, Time: 12:56:33, ID: ST200615K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	R/R	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.47e6	1.59	NO	1.00	1.000	25.51	25.50	1.000	0.000	NO	100.0	100	0.0327	
214	2... 13C-PCB-31	1.16e6	1.02	NO	1.00	1.000	28.64	28.64	1.000	0.000	NO	100.0	100	0.380	
215	2... 13C-PCB-60	8.16e5	0.81	NO	1.00	1.000	36.66	36.66	1.000	0.000	NO	100.0	100	0.107	
216	2... 13C-PCB-111	4.24e5	1.65	NO	1.00	1.000	39.23	39.23	1.000	0.000	NO	100.0	100	0.0642	
217	2... 13C-PCB-128	4.59e5	1.31	NO	1.00	1.000	46.59	46.59	1.000	0.000	NO	100.0	100	0.103	
218	2... 13C-PCB-182	2.81e5	0.46	NO	1.00	1.000	46.40	46.40	0.000	0.000	NO	100.0	100	0.115	
219	2... 13C-PCB-205	5.41e5	0.89	NO	1.00	1.000	54.97	54.97	1.000	0.000	NO	100.0	100	0.0824	
220	2... 13C-PCB-79	8.77e5	0.78	NO	1.07	1.000	37.76	37.76	1.030	1.030	NO	100.5	101	0.100	75/125/
221	2... 13C-PCB-178	2.72e5	0.44	NO	0.766	1.000	45.85	45.85	0.988	0.988	NO	77.27	77.3	0.0876	
222	2... 13C-PCB-79	8.77e5	0.78	NO	1.08	1.000	37.76	37.76	0.968	0.968	NO	100.6	101	0.104	
223	2... 13C-PCB-178	2.72e5	0.44	NO	1.05	1.000	45.85	45.85	0.923	0.923	NO	97.18	97.2	0.115	

Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 08:15:33 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:15:48 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

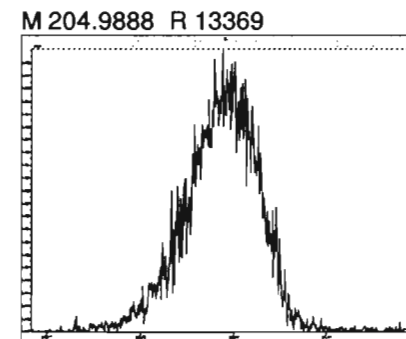
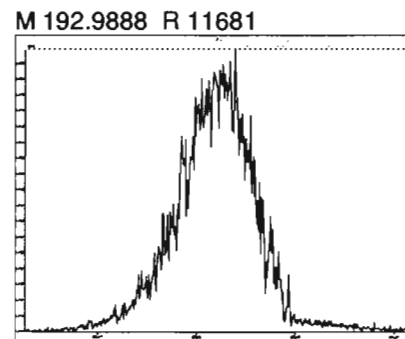
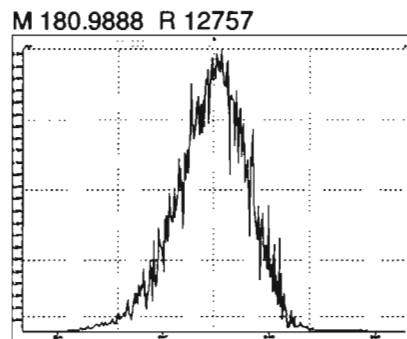
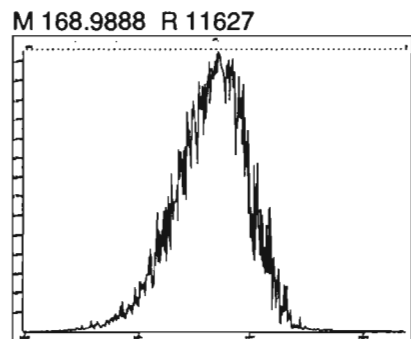
Compound name: PCB-1

Name	ID	Acq.Date	Acq.Time
200615K1_1	ST200615K1-1 PCB 209 CS3 19G2609	15-Jun-20	12:56:33
200615K1_2	SOLVENT BLANK	15-Jun-20	13:57:41
200615K1_3	2001124-05 OWS-SCHU-T200519132935 1	15-Jun-20	14:56:50
200615K1_4	2001124-06 OWS-THIS-T200519132845 1	15-Jun-20	15:58:42
200615K1_5	2001124-07 OWS-WAFO-T200513115827 1	15-Jun-20	16:59:00
200615K1_6	2001124-08 OWS-WAFO-T200519132518 1	15-Jun-20	18:00:27
200615K1_7	B0F0059-DUP1 Duplicate 7.56	15-Jun-20	19:00:43
200615K1_8	2000962-01RE1 PDI-147SC-A-00-01-200425 ...	15-Jun-20	20:01:33
200615K1_9	2000962-02RE1 PDI-149SC-A-00-01-200425 ...	15-Jun-20	21:00:49
200615K1_10	2000967-01RE1 PDI-148SC-A-00-01-200427 ...	15-Jun-20	22:03:06
200615K1_11	2000968-01RE1 PDI-150SC-A-00-01-200425 ...	15-Jun-20	23:03:54



File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

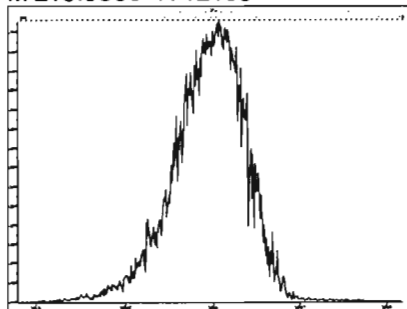
Printed: Monday, June 15, 2020 12:51:47 Pacific Daylight Time



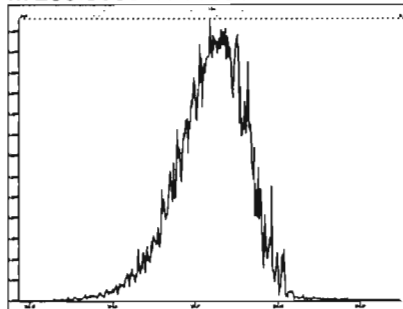
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, June 15, 2020 12:52:49 Pacific Daylight Time

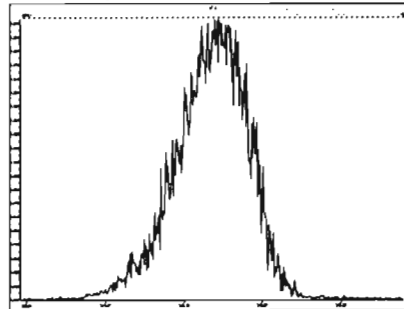
M 218.9856 R 12193



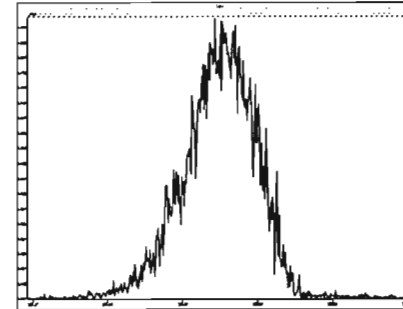
M 230.9856 R 11961



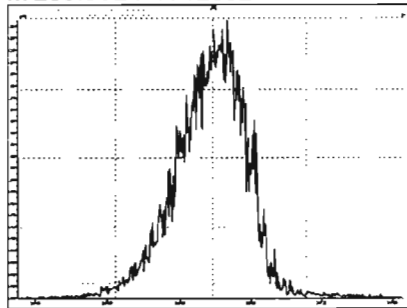
M 242.9856 R 12316



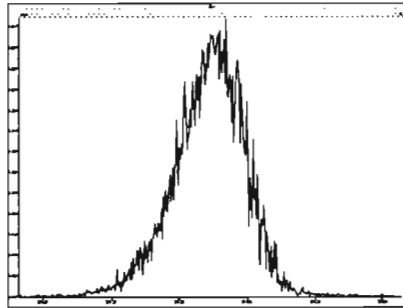
M 254.9856 R 12952



M 268.9824 R 12692



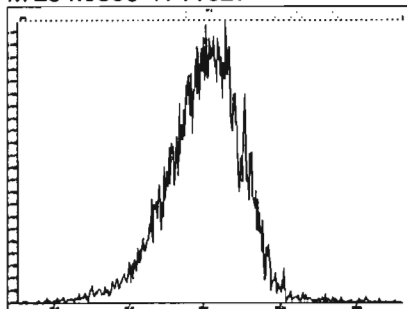
M 280.9824 R 12375



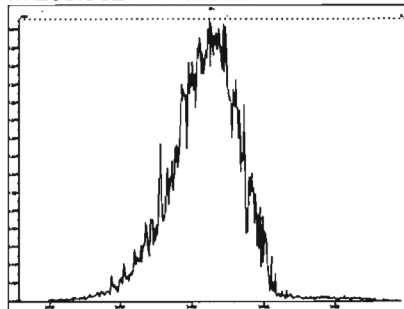
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, June 15, 2020 12:53:38 Pacific Daylight Time

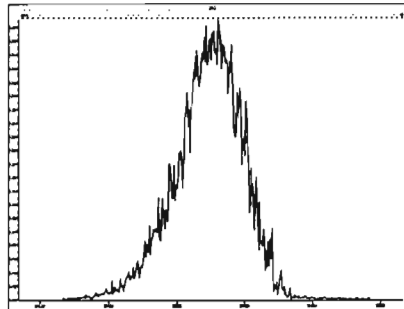
M 254.9856 R 11627



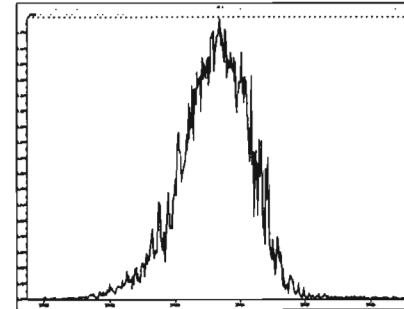
M 268.9824 R 12822



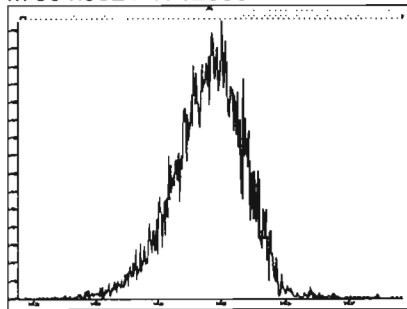
M 280.9824 R 12690



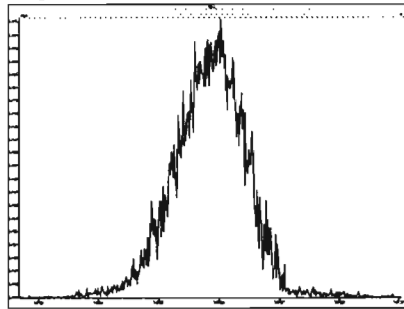
M 292.9824 R 12624



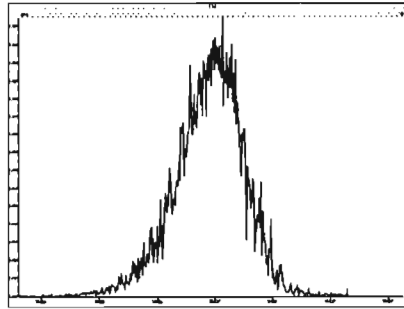
M 304.9824 R 12559



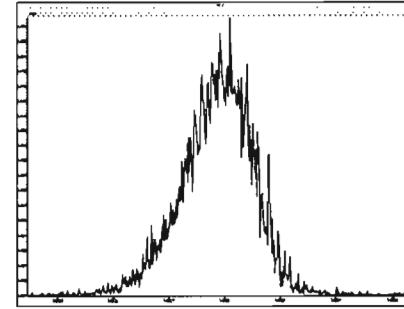
M 318.9792 R 12882



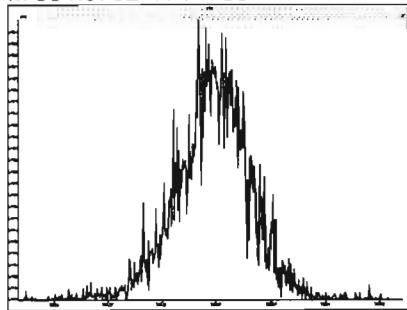
M 330.9792 R 12820



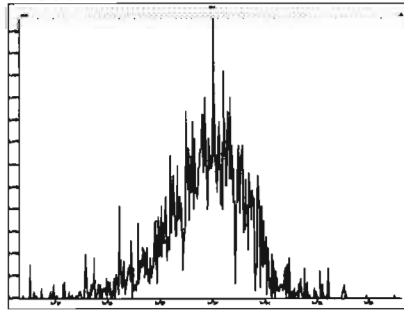
M 342.9792 R 13591



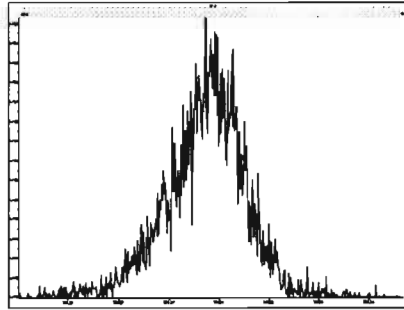
M 354.9792 R 14789



M 366.9792 R 14445



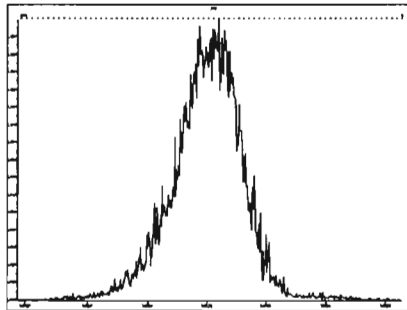
M 380.9760 R 11467



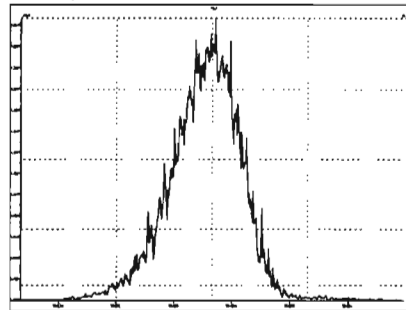
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Monday, June 15, 2020 12:54:30 Pacific Daylight Time

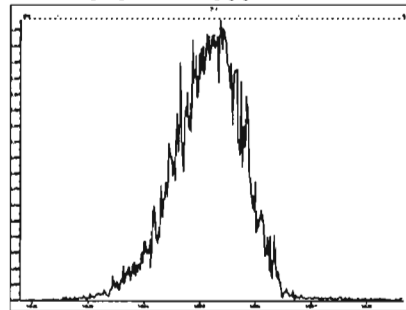
M 318.9792 R 12134



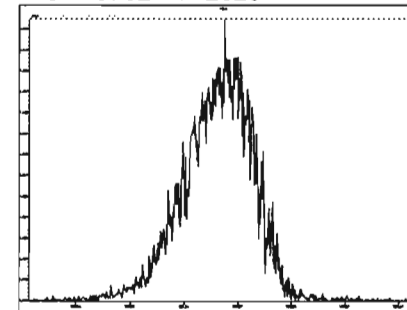
M 330.9792 R 12251



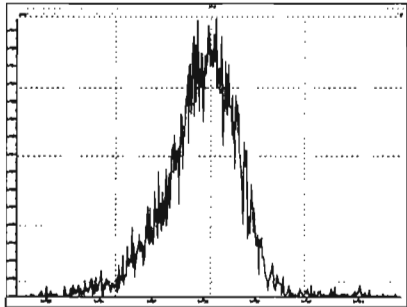
M 342.9792 R 11900



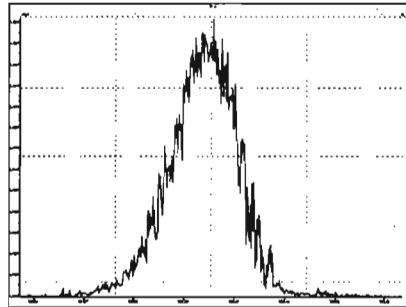
M 354.9792 R 12820



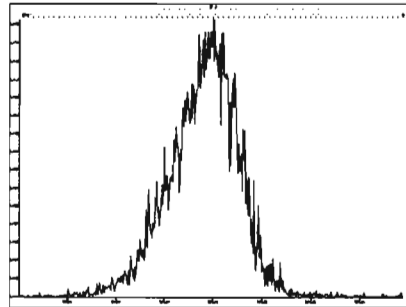
M 366.9792 R 12818



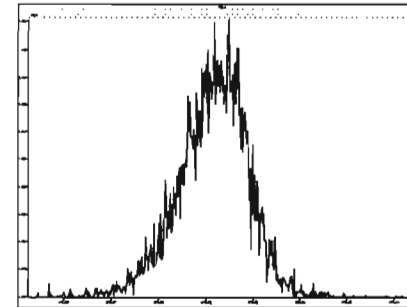
M 380.9760 R 13584



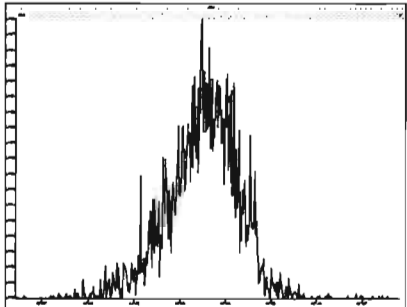
M 392.9760 R 14046



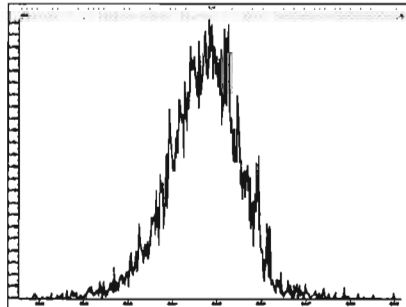
M 404.9760 R 12953



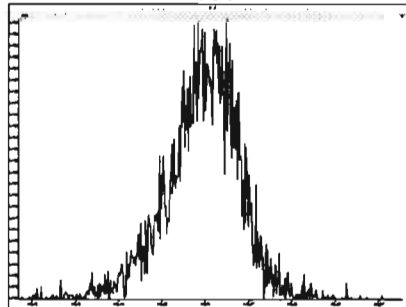
M 416.9760 R 14791



M 430.9728 R 12313



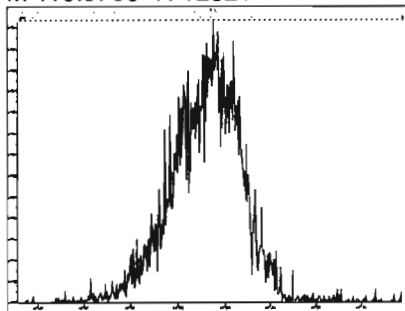
M 442.9728 R 13967



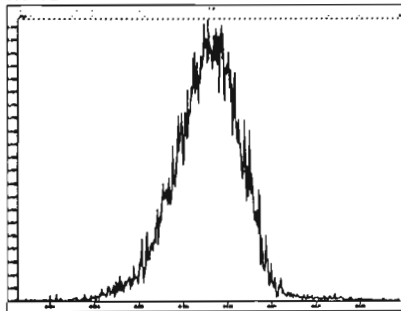
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Monday, June 15, 2020 12:55:24 Pacific Daylight Time

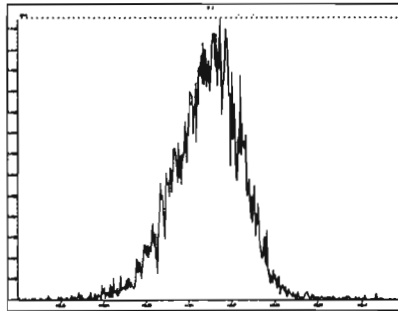
M 416.9760 R 12821



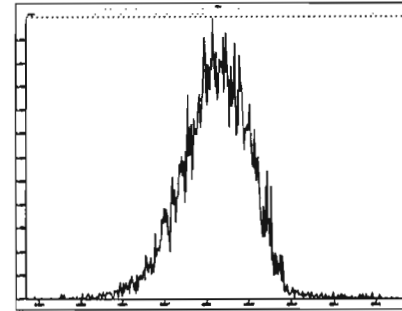
M 430.9728 R 13369



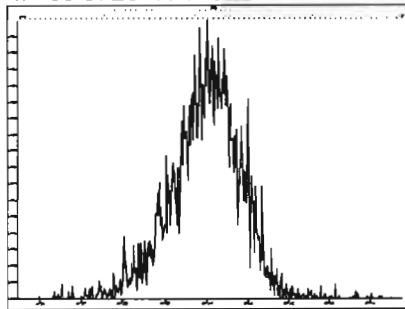
M 442.9728 R 12499



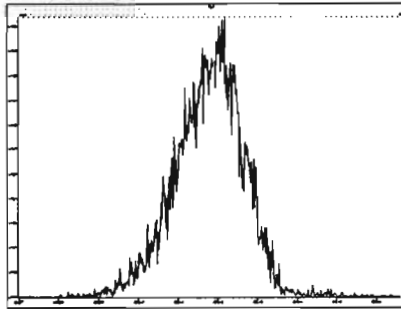
M 454.9728 R 13156



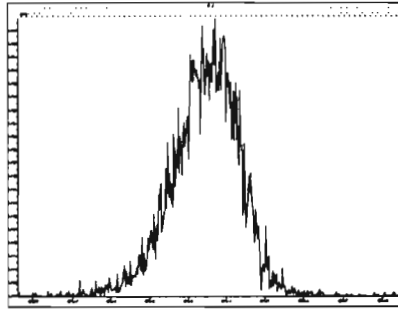
M 466.9728 R 14622



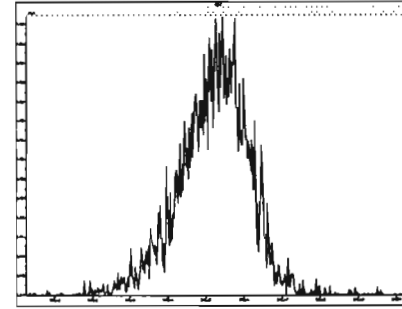
M 480.9696 R 13658



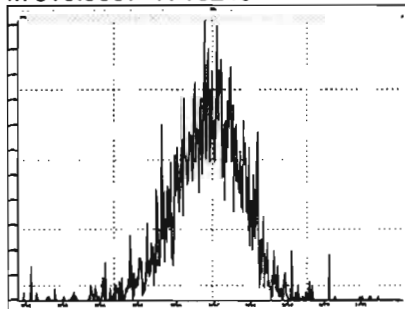
M 492.9696 R 14706



M 504.9696 R 14127



M 516.9697 R 15246



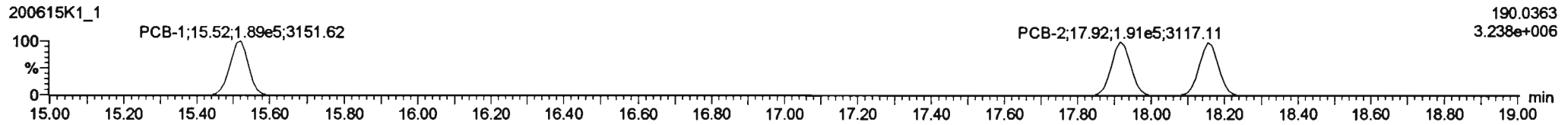
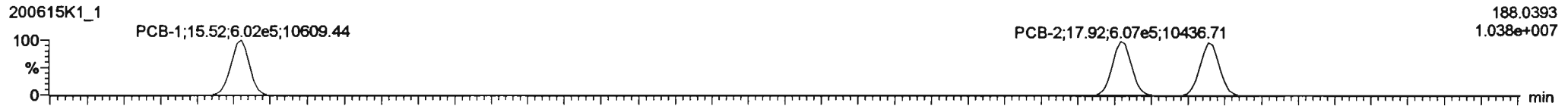
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

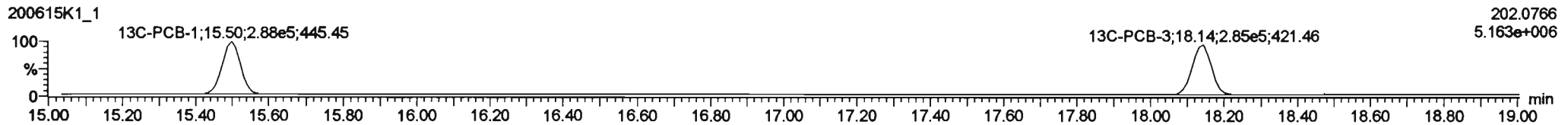
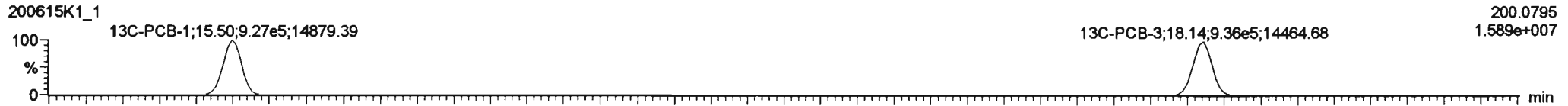
Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: , Date: , Time: , ID: , Description:

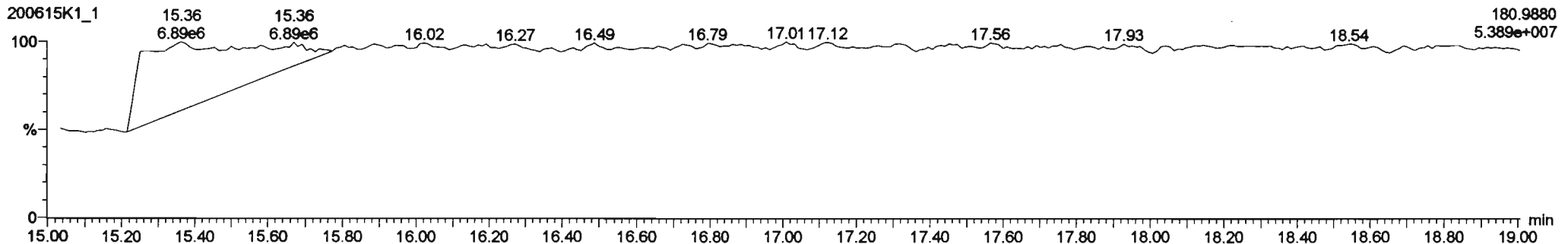
**PCB-1**



**13C-PCB-1**



**PFK1**



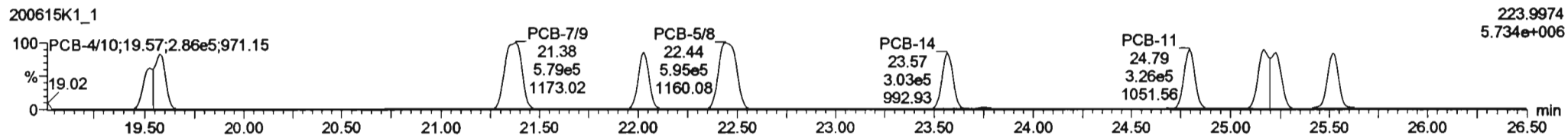
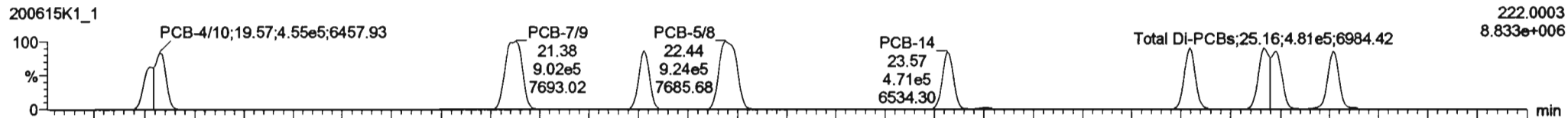


Dataset: Untitled

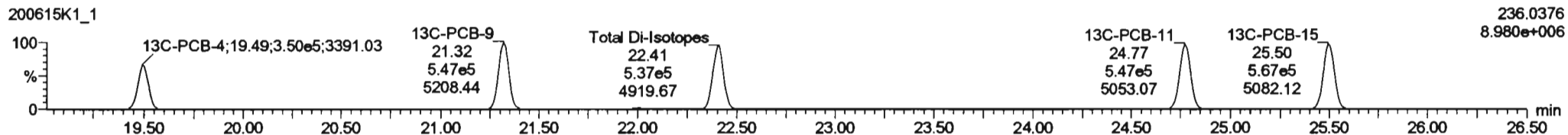
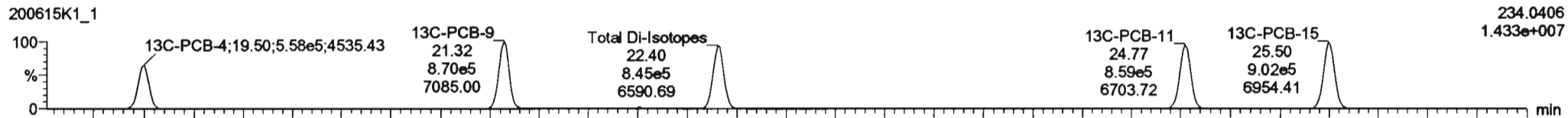
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
 Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

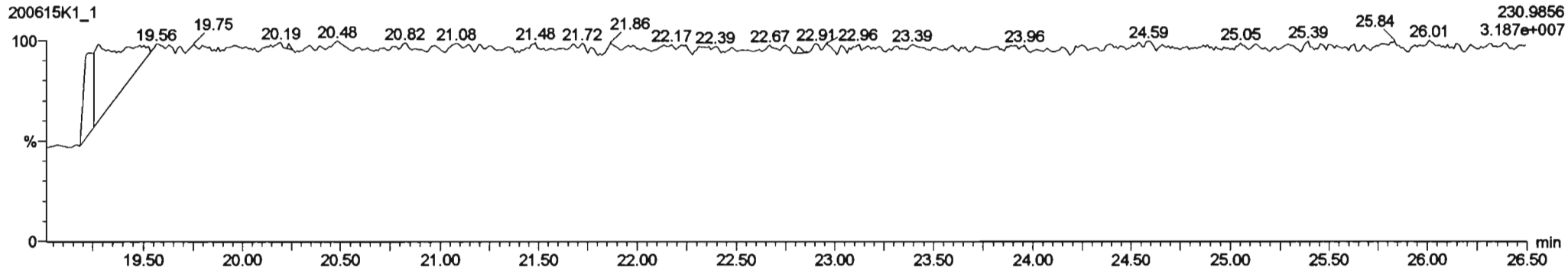
**PCB-4/10**

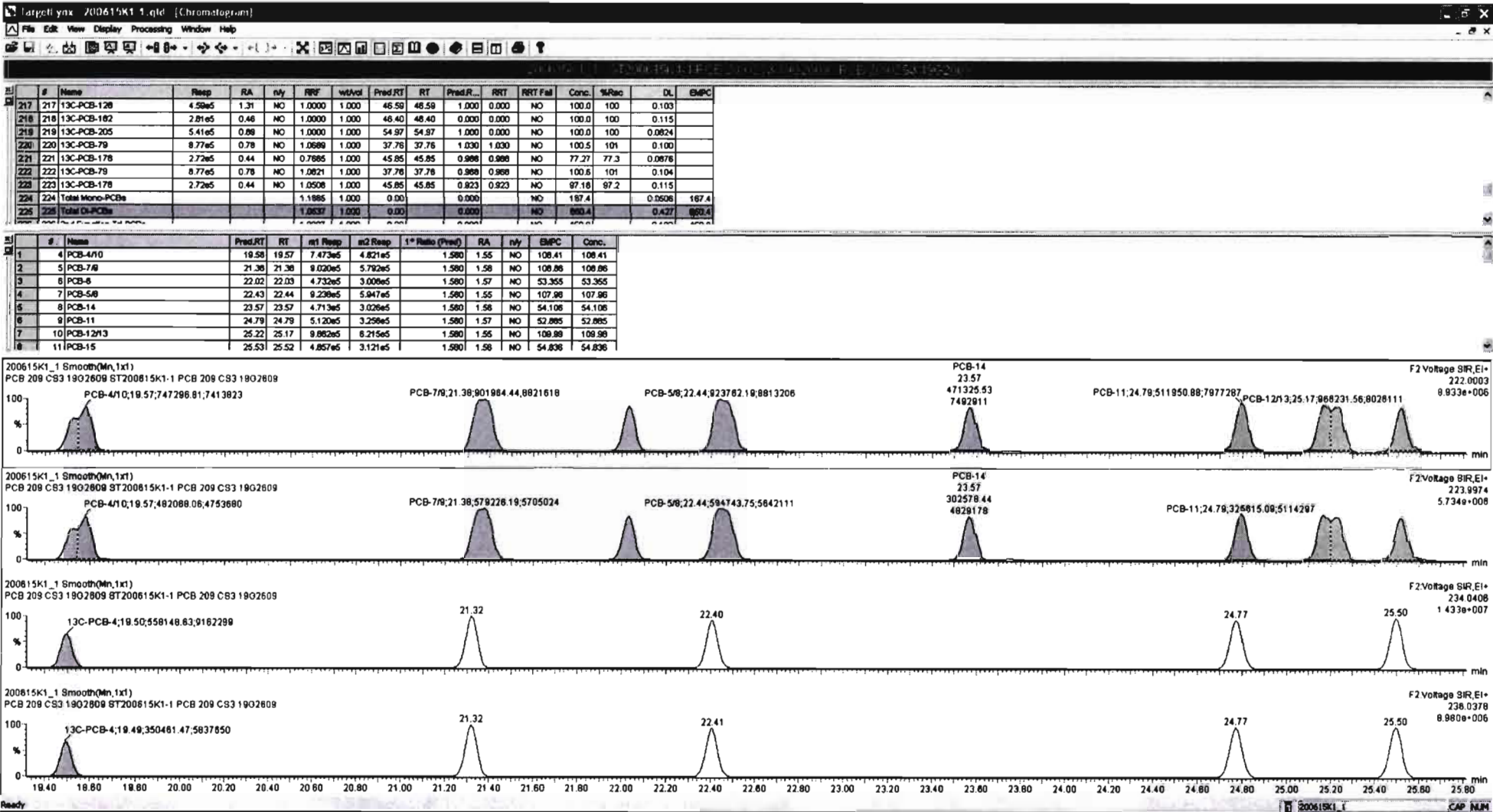


**13C-PCB-4**



**PFK2a**



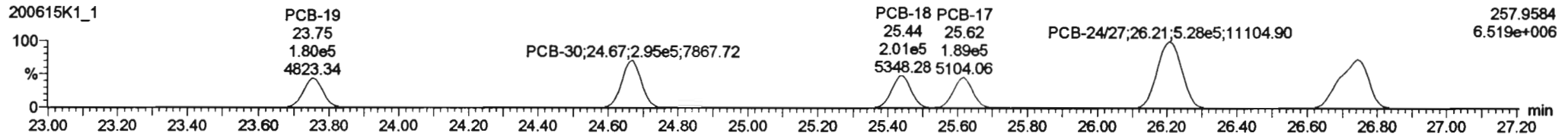
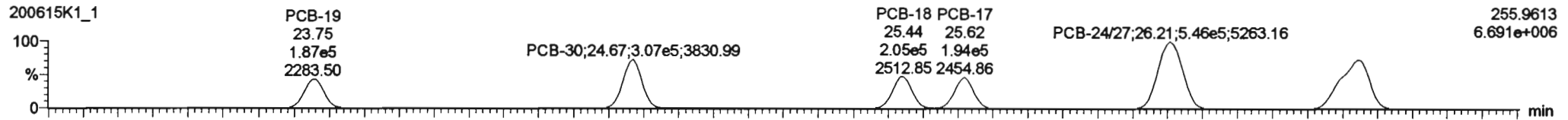


Dataset: Untitled

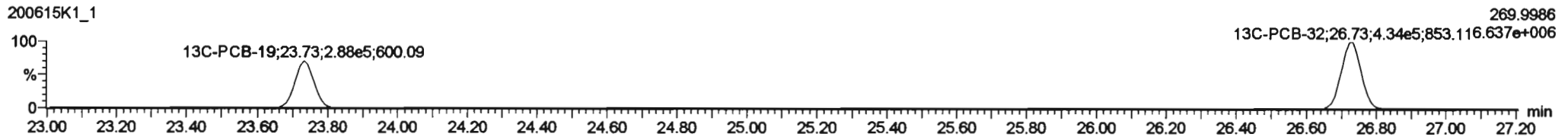
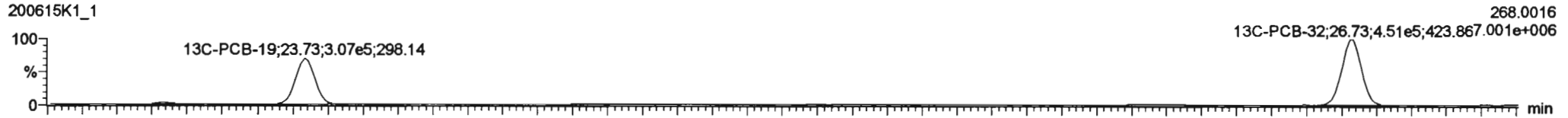
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

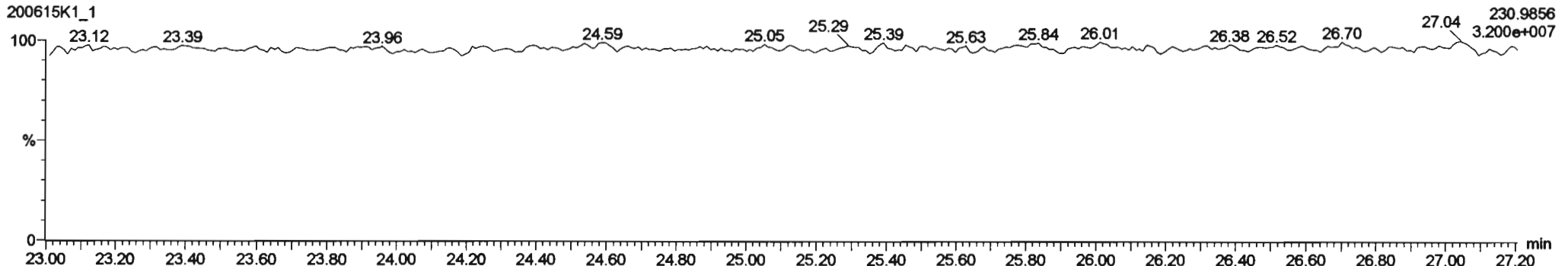
**PCB-19**



**13C-PCB-19**



**PFK2b**



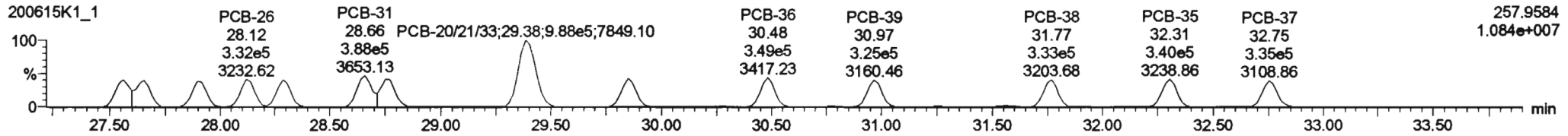
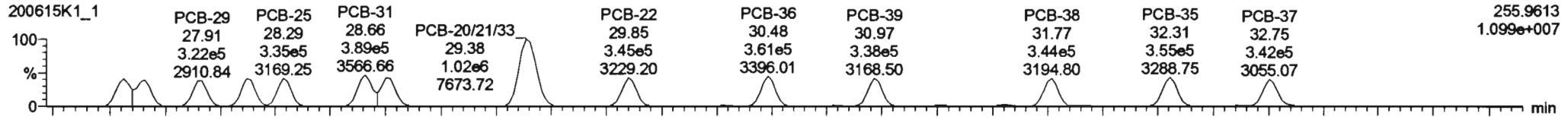
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

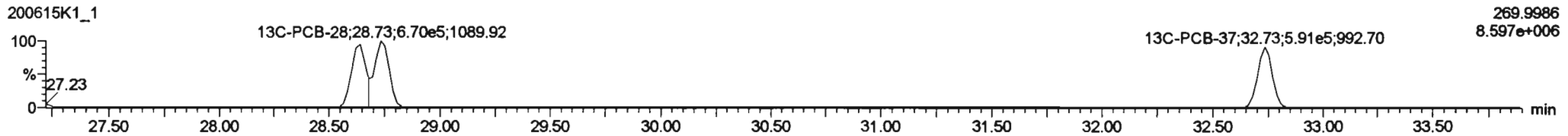
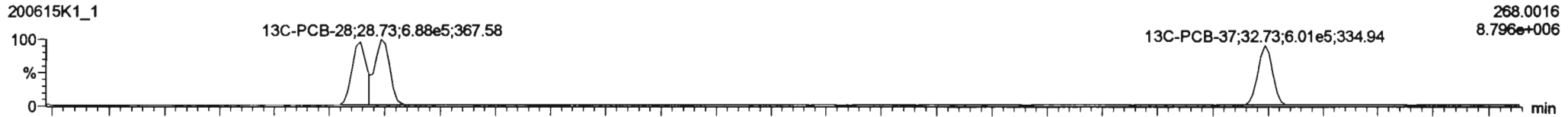
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

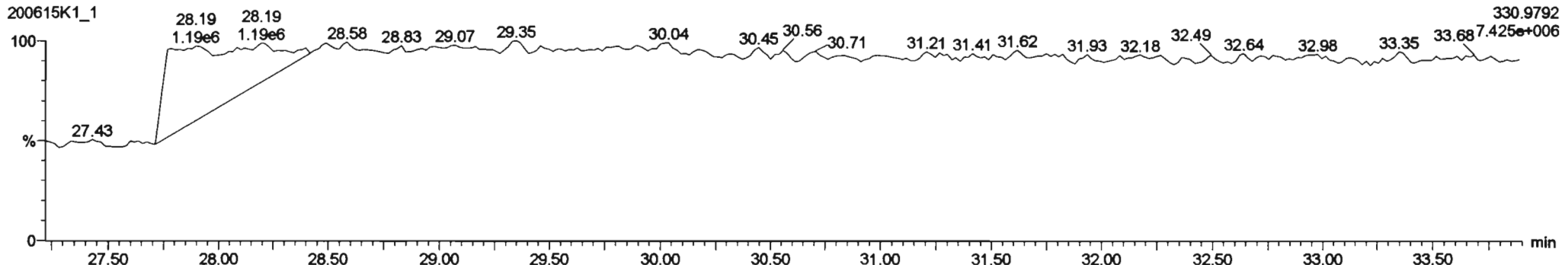
**PCB-34**



**13C-PCB-28**



**PFK3d**

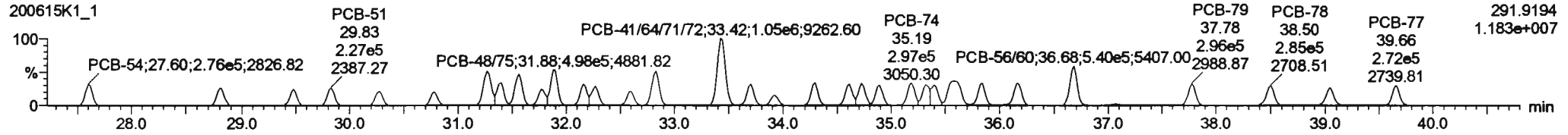
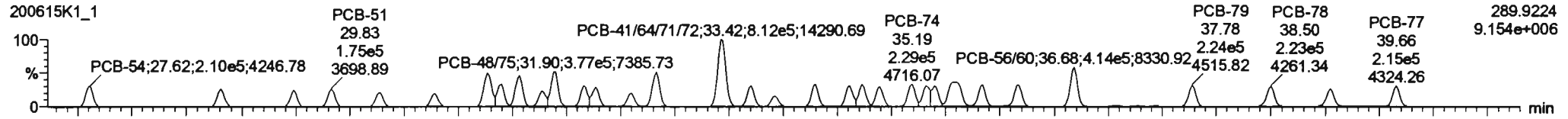


Dataset: Untitled

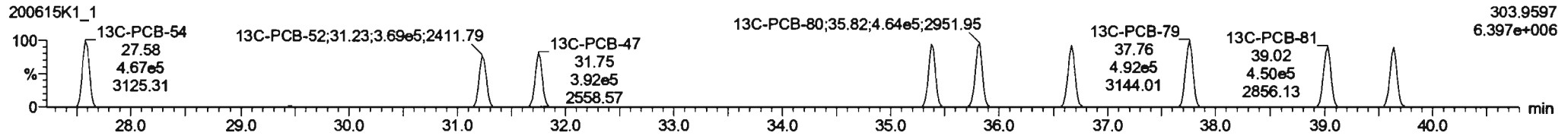
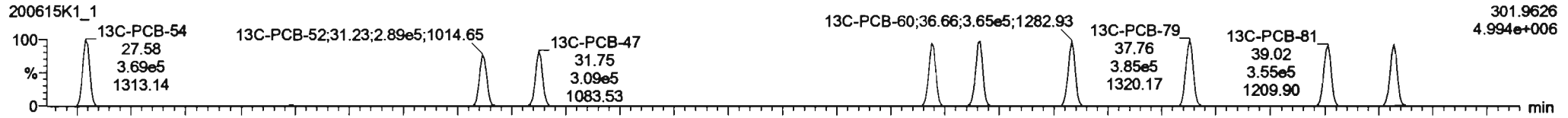
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
 Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

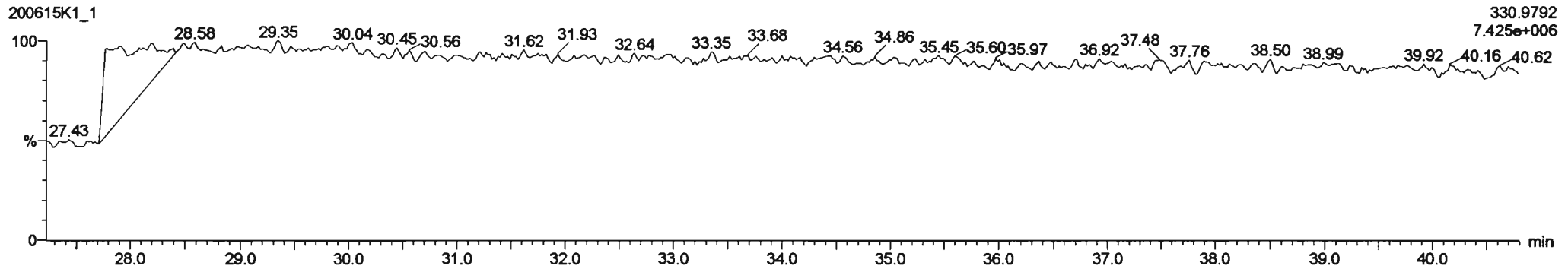
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

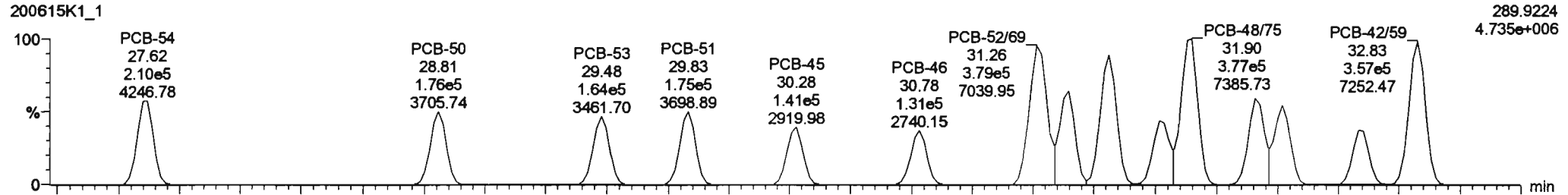
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

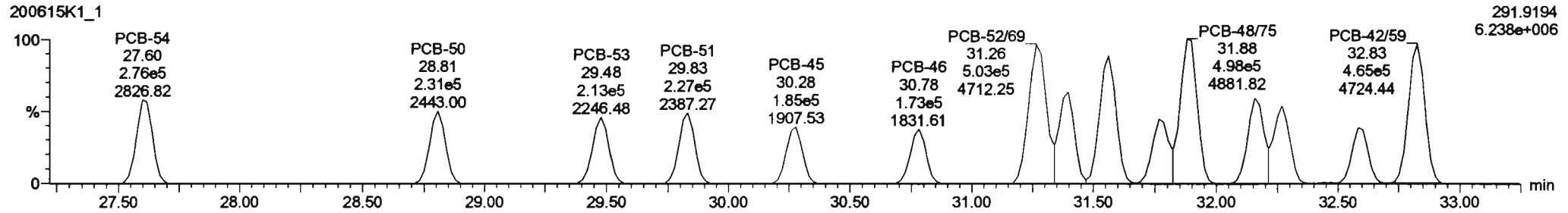
Name: , Date: , Time: , ID: , Description:

**PCB-50**

200615K1\_1

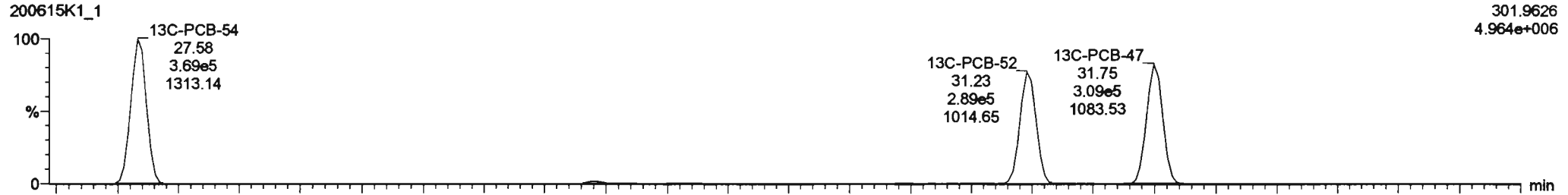


200615K1\_1

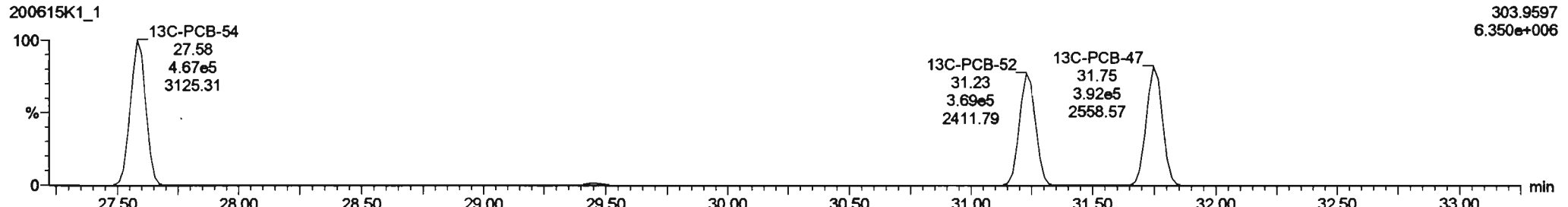


**13C-PCB-52**

200615K1\_1



200615K1\_1





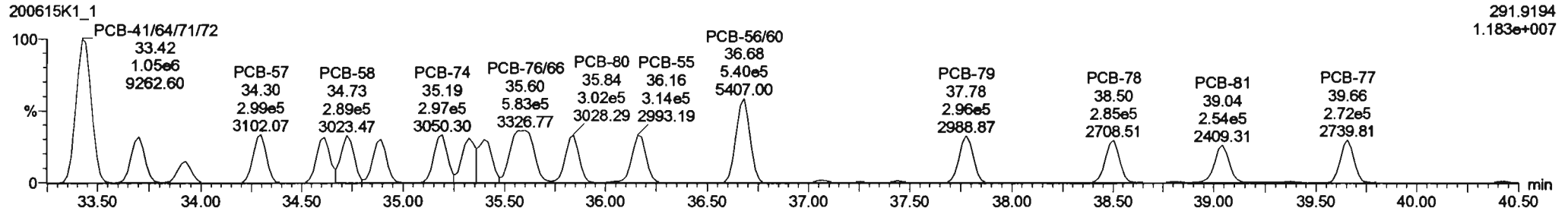
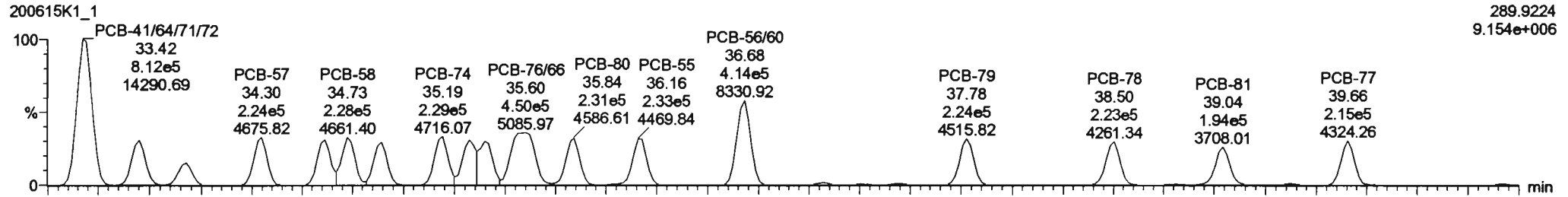
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

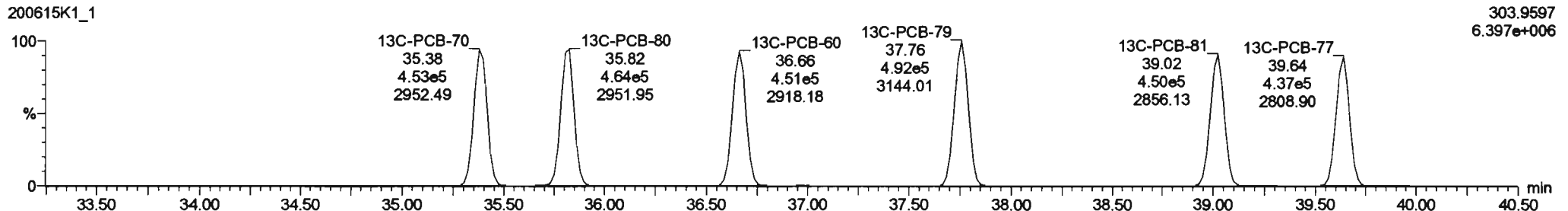
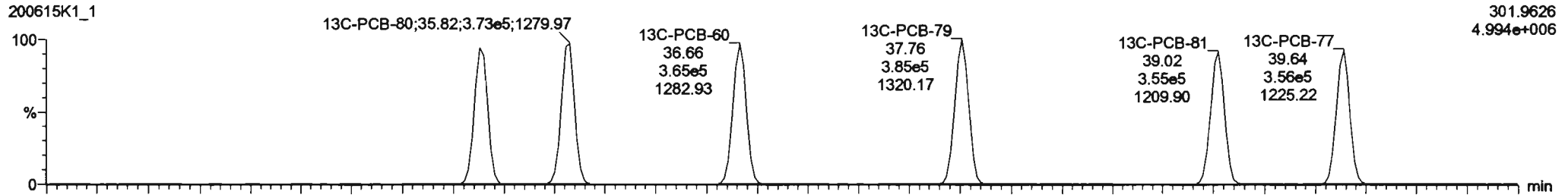
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

**PCB-68**

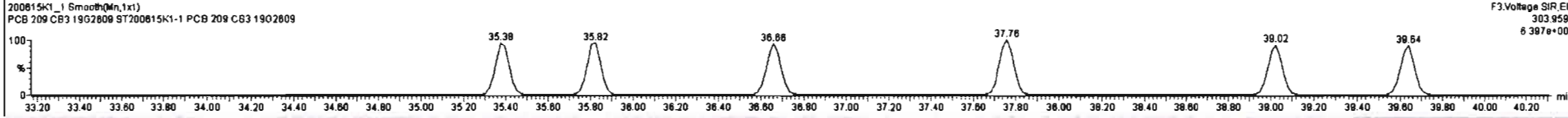
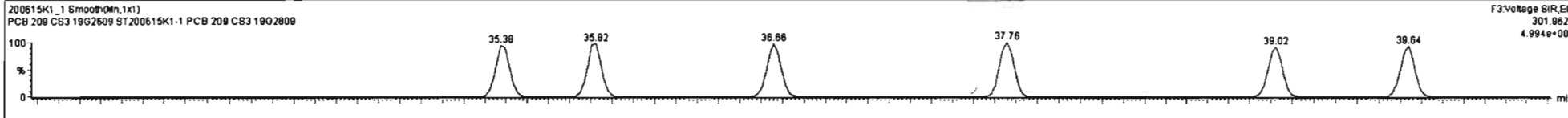
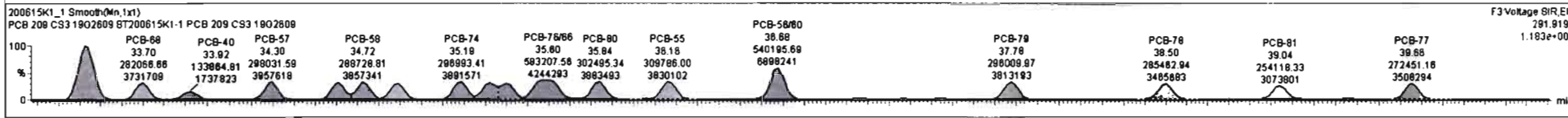
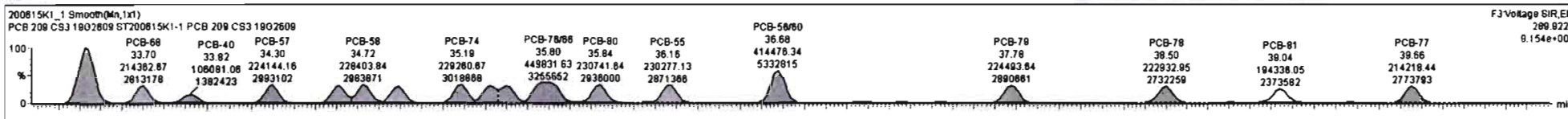


**13C-PCB-60**



#	Name	Resp	RA	nly	RRF	wt/Vol	Pred RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9526	1.000	0.00	0.000	0.000		NO	851.0		0.488	851.0
228	Total Tetra-PCBs				1.0776	1.000	0.00	0.000	0.000		NO	2397		1.20	2397
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000	0.000		NO	2292		5.97	2292
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000	0.000		NO	271.9		0.305	271.9
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000	0.000		NO	798.4		0.300	798.4
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.000	0.000		NO	1528		1.08	1528
233	Total Hepta-PCBs				1.3551	1.000	0.00	0.000	0.000		NO	1308		2.08	1308
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	0.000		NO	505.7		0.482	505.7
235	5th Function Octa-PCBs				1.1499	1.000	0.00	0.000	0.000		NO	164.8		0.205	164.8

#	Name	Pred RT	RT	nt1 Resp	nt2 Resp	1st Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.80	27.82	2.00e5	2.75e5	0.770	0.78	NO	43.901	53.901
2	33 PCB-50	28.79	28.81	1.78e5	2.310e5	0.770	0.78	NO	55.428	55.428
3	34 PCB-53	29.48	29.48	1.839e5	2.128e5	0.770	0.77	NO	57.449	57.449
4	35 PCB-51	29.82	29.83	1.751e5	2.274e5	0.770	0.77	NO	57.441	57.441
5	36 PCB-45	30.27	30.28	1.408e5	1.851e5	0.770	0.78	NO	57.873	57.873
6	37 PCB-48	30.76	30.78	1.311e5	1.731e5	0.770	0.78	NO	55.858	55.858
7	38 PCB-52/68	31.28	31.28	3.788e5	5.032e5	0.770	0.75	NO	114.82	114.82
8	39 PCB-73	31.38	31.39	2.242e5	2.915e5	0.770	0.77	NO	54.326	54.326



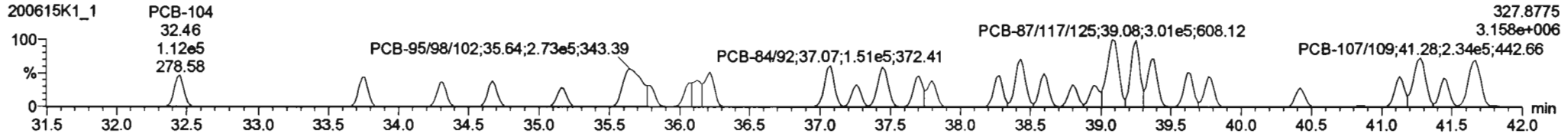
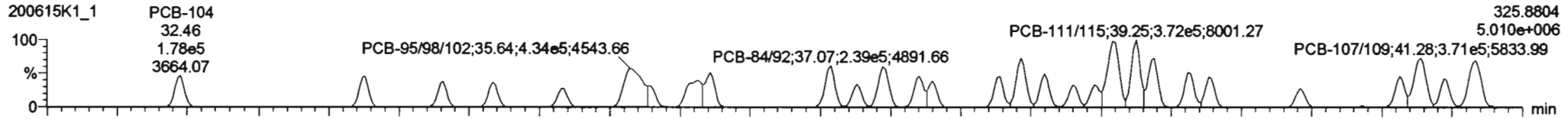
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

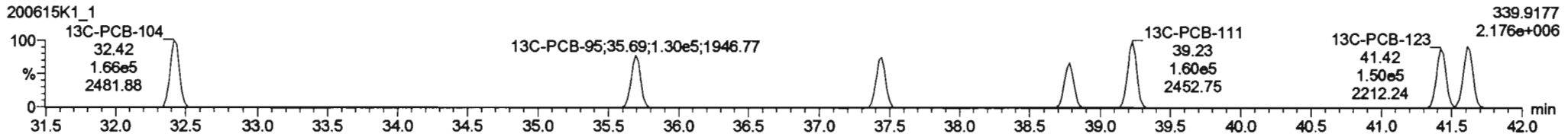
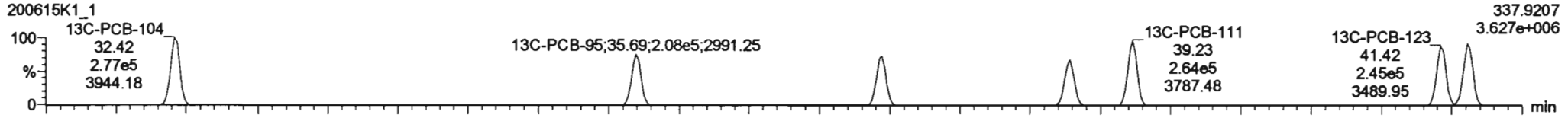
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

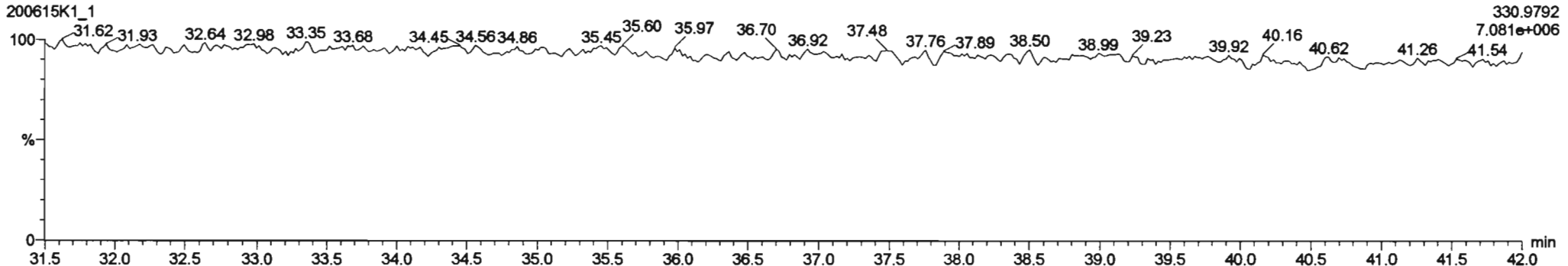
**PCB-104**



**13C-PCB-104**



**PFK3b**



Dataset: Untitled

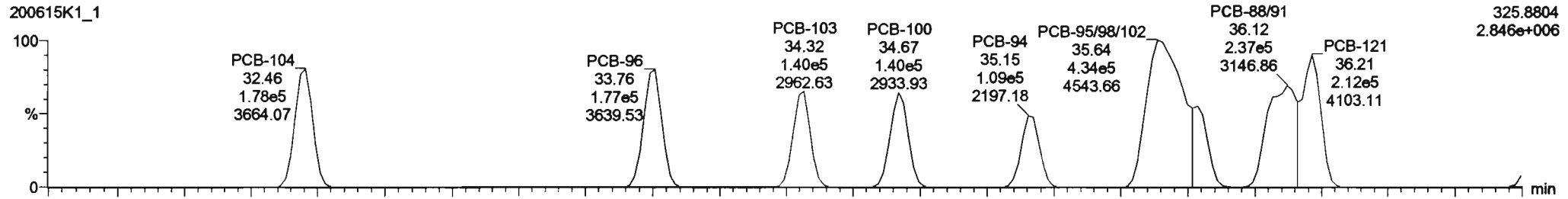
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

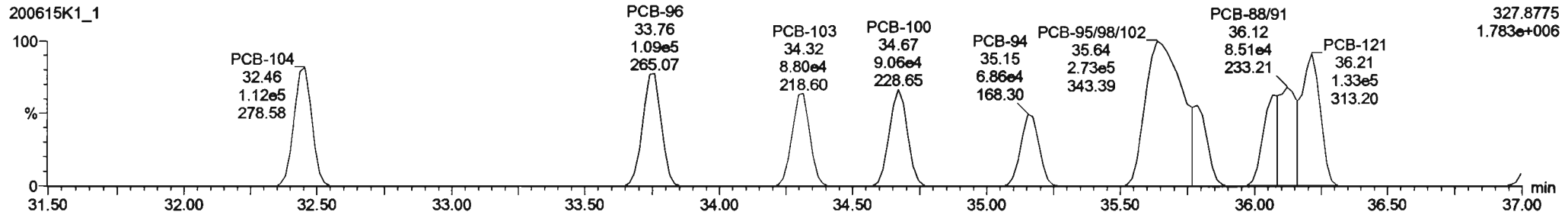
Name: , Date: , Time: , ID: , Description:

**PCB-96**

200615K1\_1

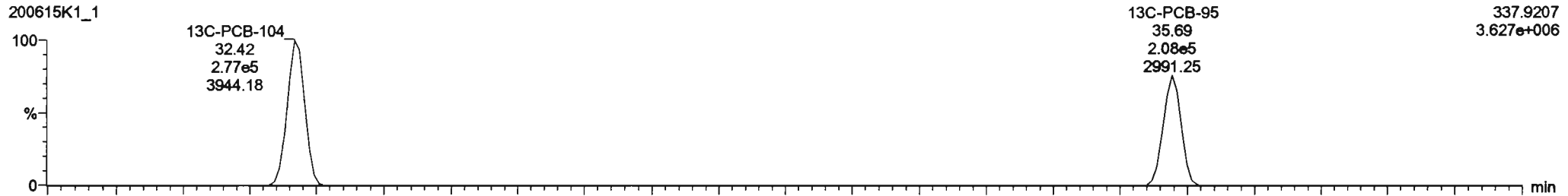


200615K1\_1

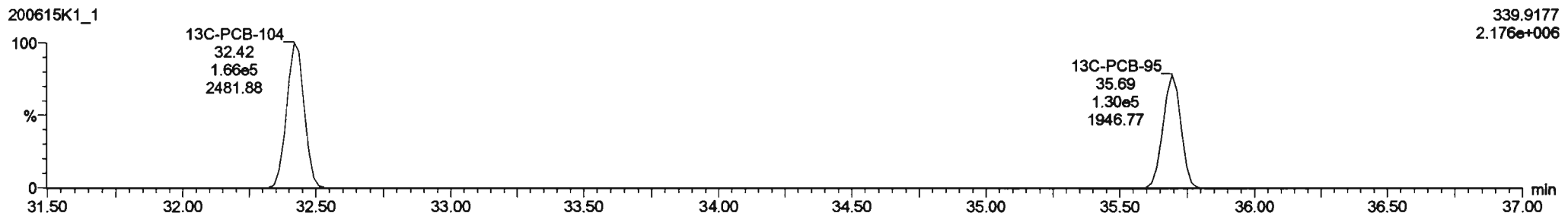


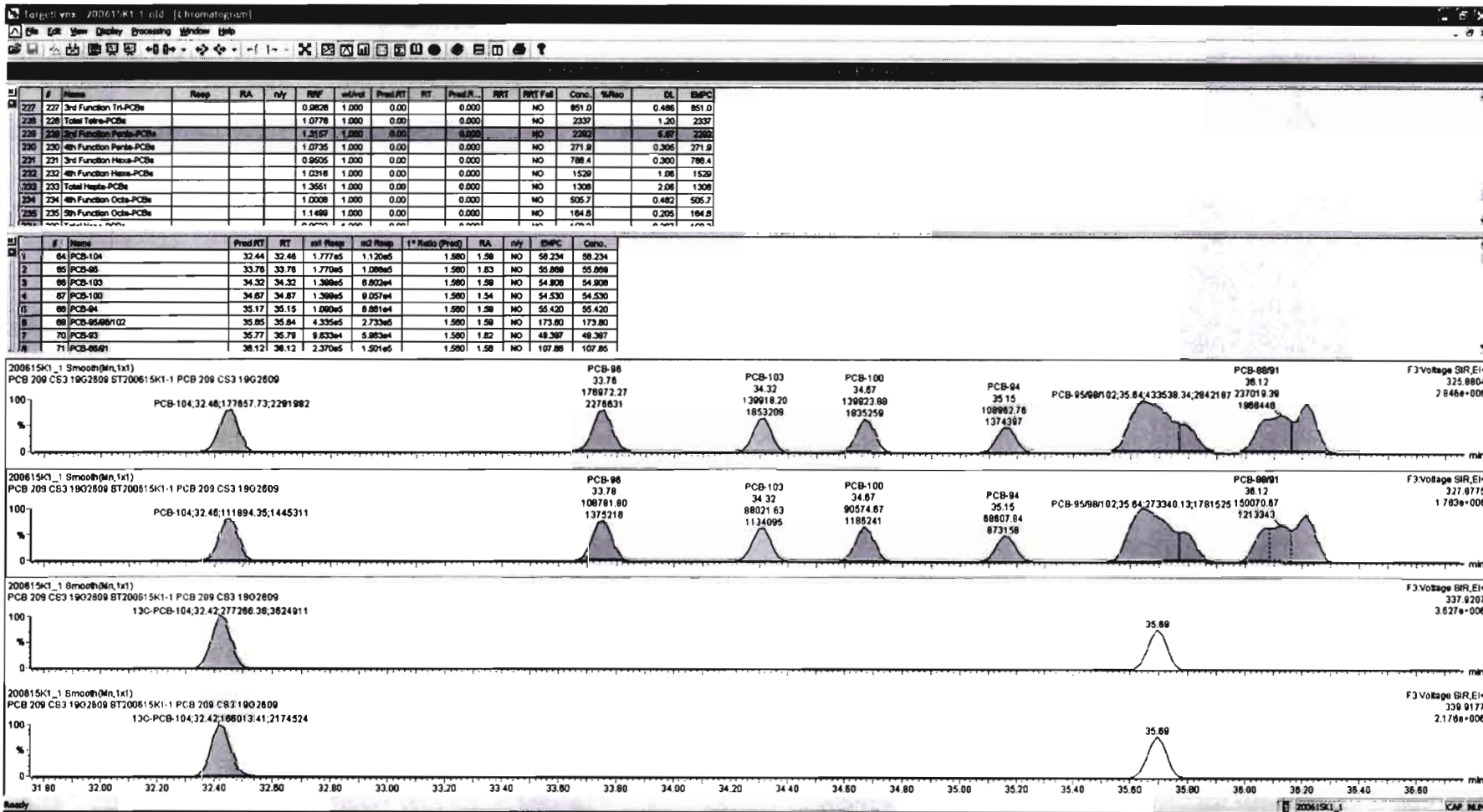
**13C-PCB-95**

200615K1\_1



200615K1\_1





Dataset: Untitled

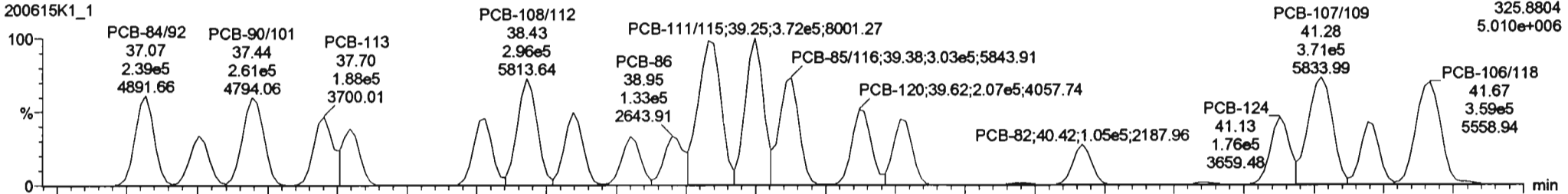
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

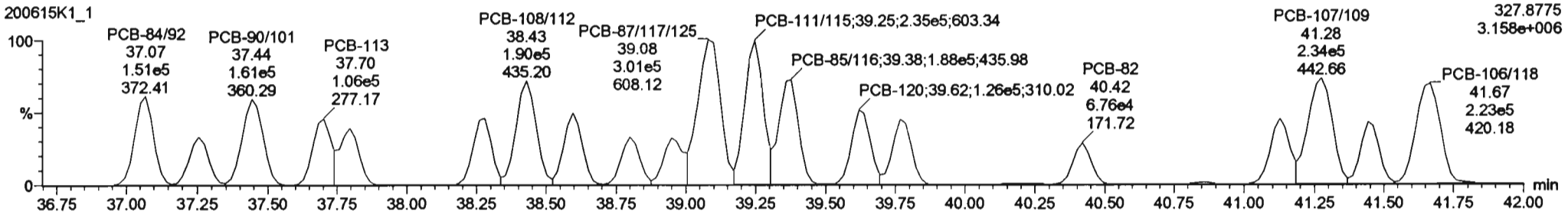
Name: , Date: , Time: , ID: , Description:

**PCB-119**

200615K1\_1

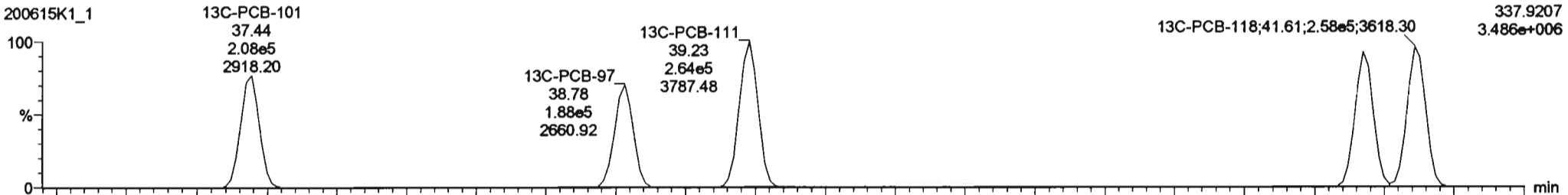


200615K1\_1

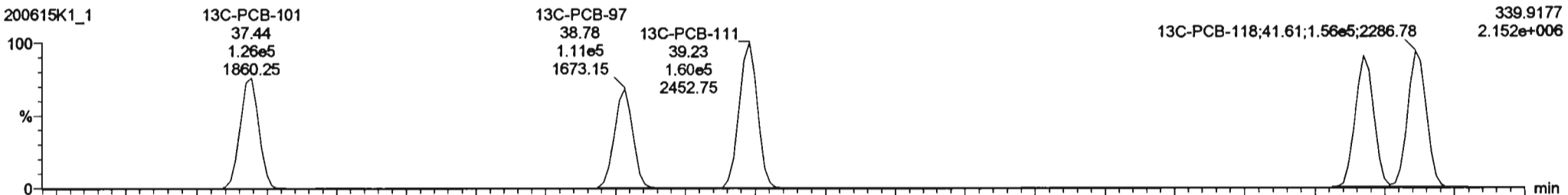


**13C-PCB-111**

200615K1\_1



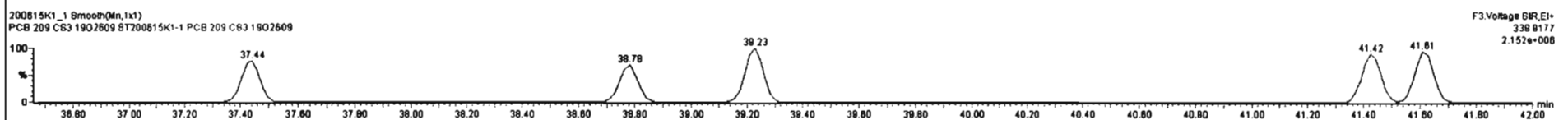
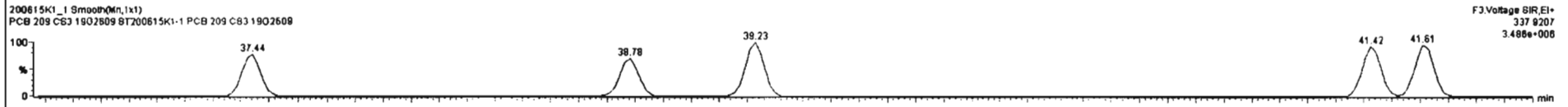
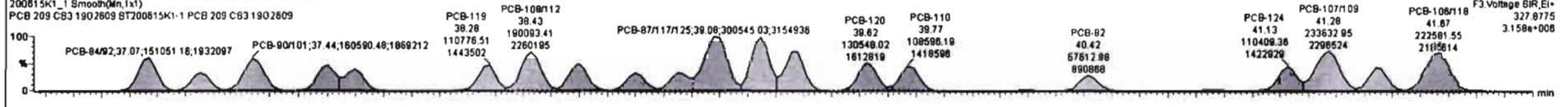
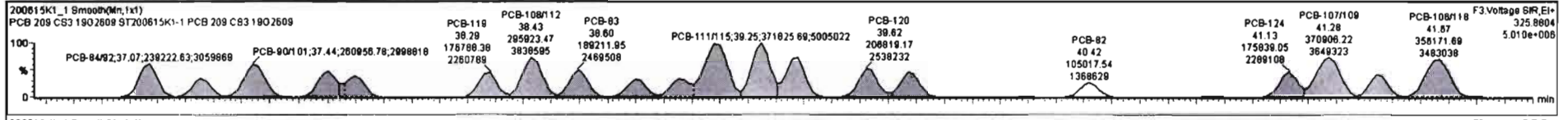
200615K1\_1





#	Name	Resp	RA	nly	RF	intVal	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.9628	1.000	0.000		0.000		NO	851.0		0.486	851.0
228	228 Total Tetra-PCBs				1.0778	1.000	0.000		0.000		NO	2337		1.20	2337
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.000		0.000		NO	2762		5.87	2762
230	230 4th Function Penta-PCBs				1.0735	1.000	0.000		0.000		NO	271.9		0.305	271.9
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.000		0.000		NO	788.4		0.300	788.4
232	232 4th Function Hexa-PCBs				1.0318	1.000	0.000		0.000		NO	1529		1.08	1529
233	233 Total Hepta-PCBs				1.3551	1.000	0.000		0.000		NO	1308		2.08	1308
234	234 4th Function Octa-PCBs				1.0008	1.000	0.000		0.000		NO	505.7		0.482	505.7
235	235 3th Function Octa-PCBs				1.1488	1.000	0.000		0.000		NO	184.8		0.205	184.8

#	Name	Pred.RT	RT	int Resp	int Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
84	PCB-104	32.44	32.48	1.777e5	1.120e5	1.580	1.58	NO	58.234	58.234
85	PCB-88	33.78	33.78	1.770e5	1.088e5	1.580	1.83	NO	55.888	55.888
86	PCB-103	34.22	34.22	1.388e5	8.802e4	1.580	1.59	NO	54.908	54.908
87	PCB-100	34.87	34.87	1.388e5	9.057e4	1.580	1.54	NO	54.530	54.530
88	PCB-84	35.17	35.15	1.080e5	8.881e4	1.580	1.58	NO	55.420	55.420
89	PCB-85/88/102	35.85	35.84	4.335e4	2.733e5	1.580	1.58	NO	173.80	173.80
70	PCB-83	35.77	35.79	9.833e4	5.953e4	1.580	1.82	NO	49.387	49.387
71	PCB-86/1	38.12	38.12	2.370e5	1.501e5	1.580	1.58	NO	107.88	107.88



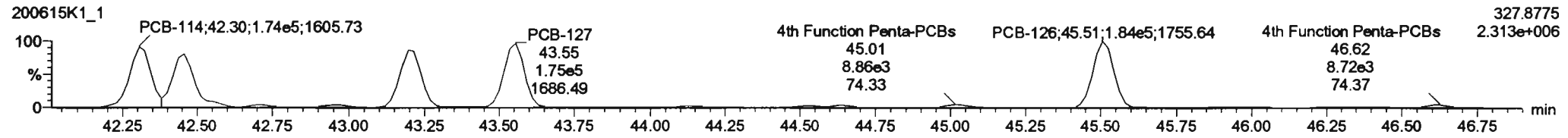
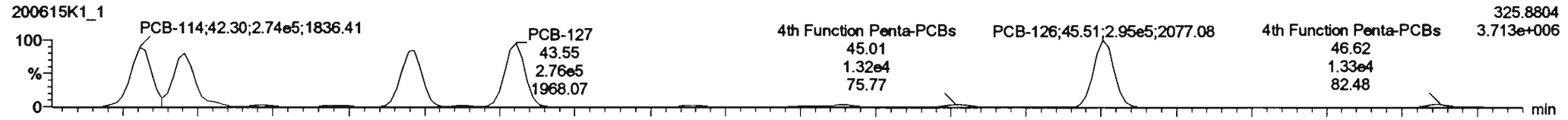
Dataset: Untitled

Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

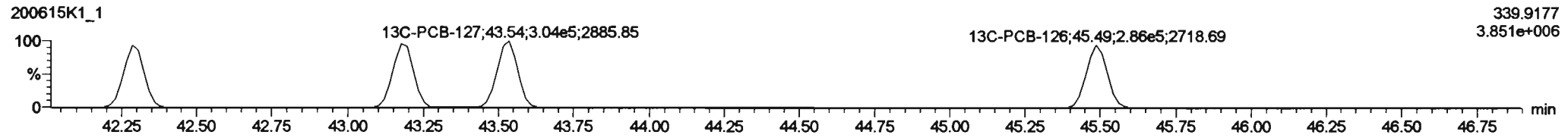
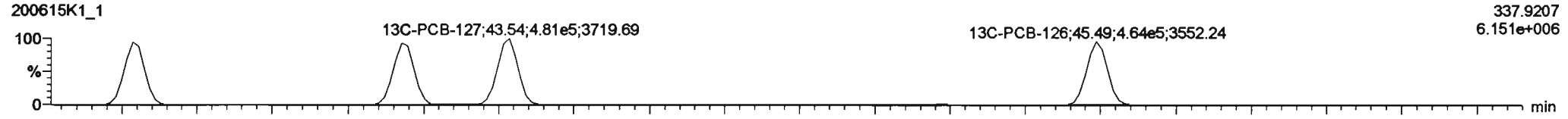
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

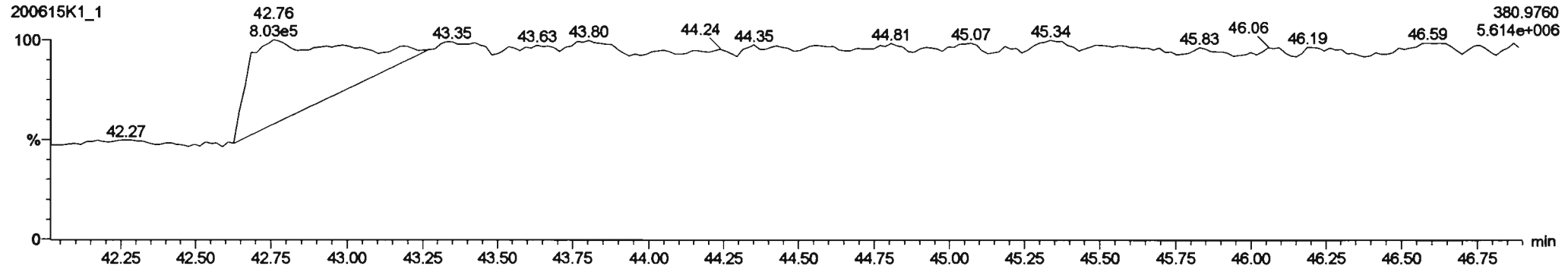
**PCB-114**



**13C-PCB-114**

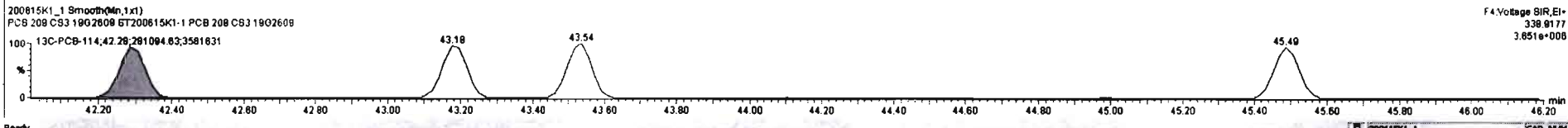
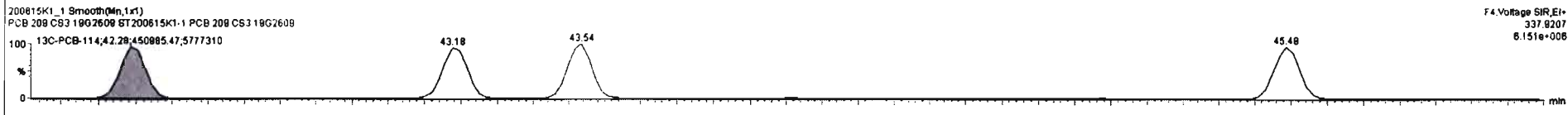
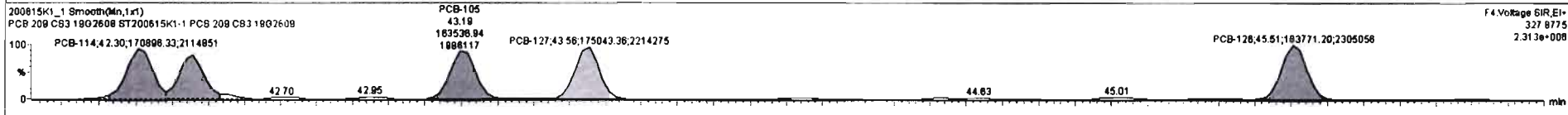
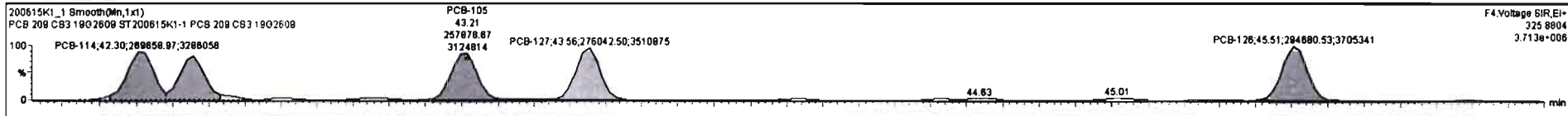


**PFK4a**



#	Name	Resp	RA	nly	RNF	wt/vol	Pred RT	RT	PrecLR	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.8628	1.000	0.00		0.000		NO	651.0		0.486	651.0
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2337		1.20	2337
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2282		5.97	2282
230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	271.8		0.205	271.8
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	788.4		0.300	788.4
232	4th Function Hexa-PCBs				1.0318	1.000	0.00		0.000		NO	1528		1.06	1528
233	Total Hepta-PCBs				1.3551	1.000	0.00		0.000		NO	1308		2.08	1308
234	4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	505.7		0.482	505.7
235	5th Function Octa-PCBs				1.1488	1.000	0.00		0.000		NO	184.8		0.205	184.8

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
83	PCB-114	42.31	42.30	2.698e5	1.708e5	1.580	1.58	NO	52.758	52.758
94	PCB-122	42.48	42.48	2.401e5	1.510e5	1.580	1.58	NO	58.584	58.584
95	PCB-105	43.19	43.21	2.579e5	1.635e5	1.550	1.58	NO	53.852	53.852
96	PCB-127	43.55	43.56	2.780e5	1.750e5	1.580	1.58	NO	54.288	54.288
97	PCB-128	45.51	45.51	2.947e5	1.838e5	1.580	1.80	NO	54.405	54.405



Dataset: Untitled

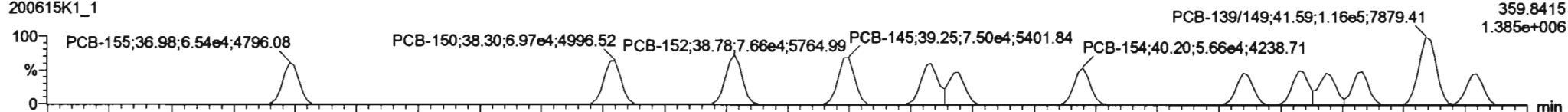
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

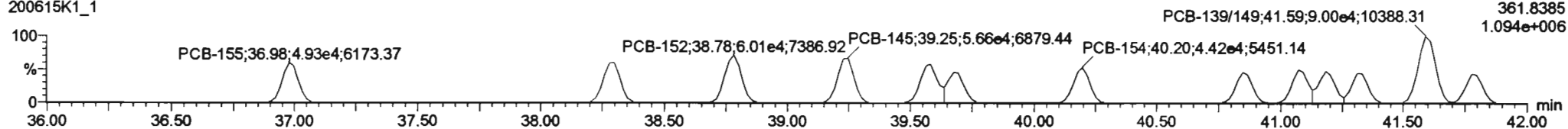
Name: , Date: , Time: , ID: , Description:

**PCB-155**

200615K1\_1

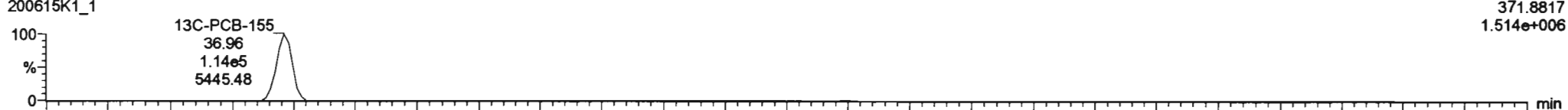


200615K1\_1

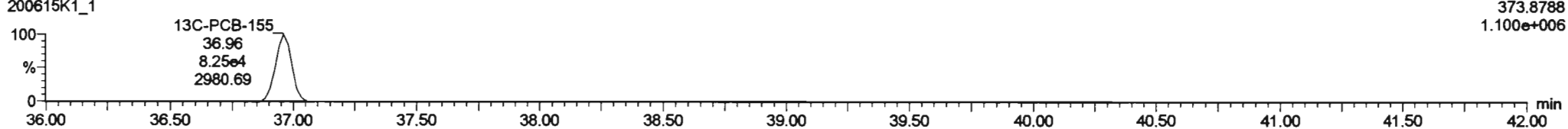


**13C-PCB-155**

200615K1\_1

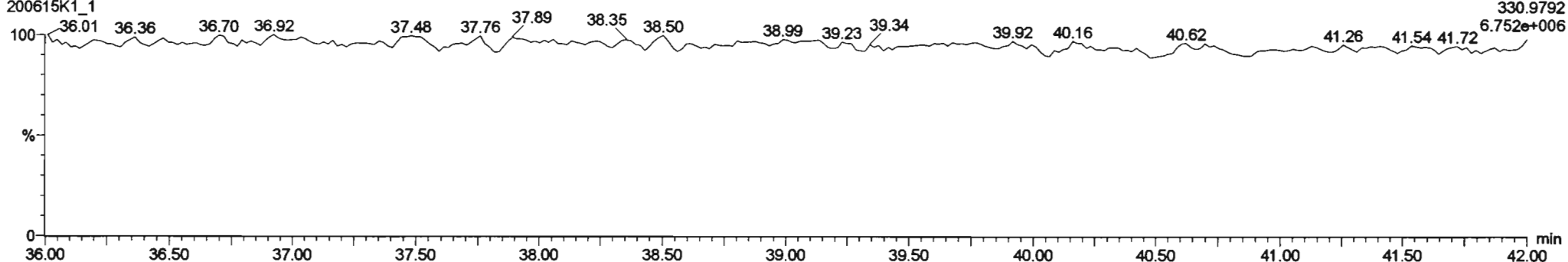


200615K1\_1



**PFK3c**

200615K1\_1

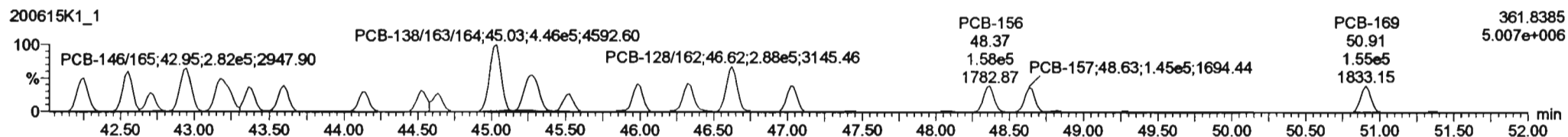
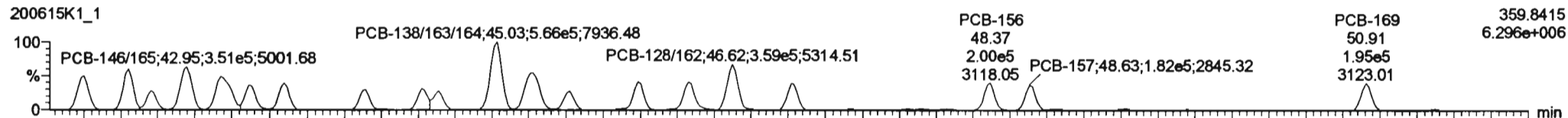


Dataset: Untitled

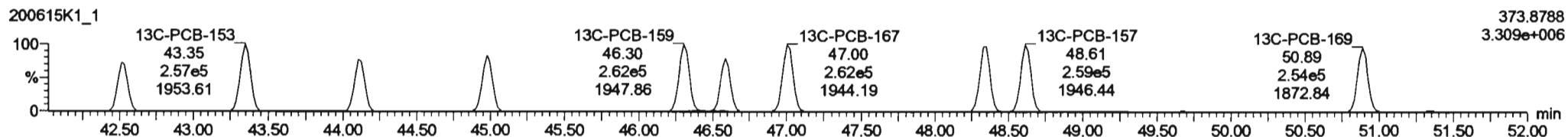
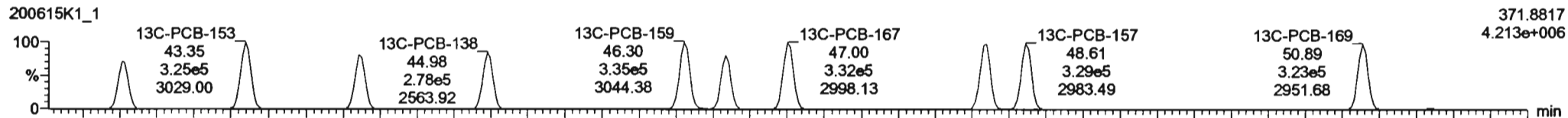
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

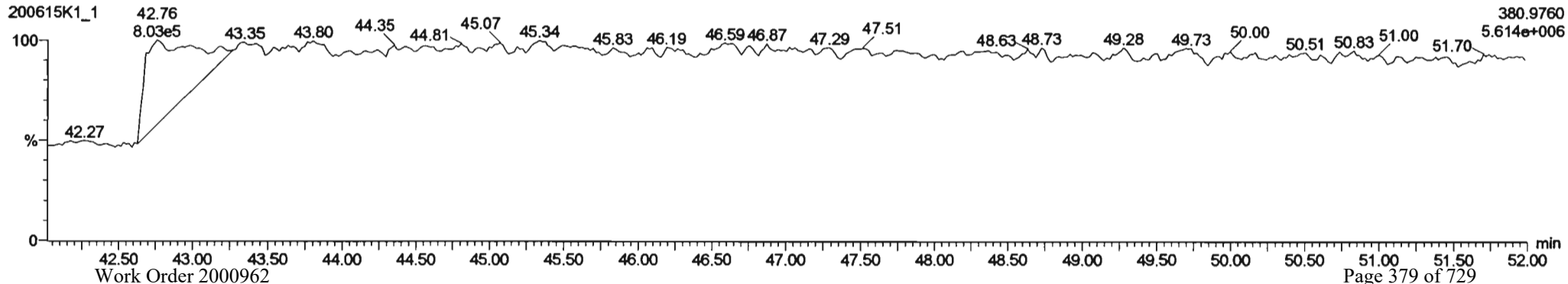
**PCB-134/143**

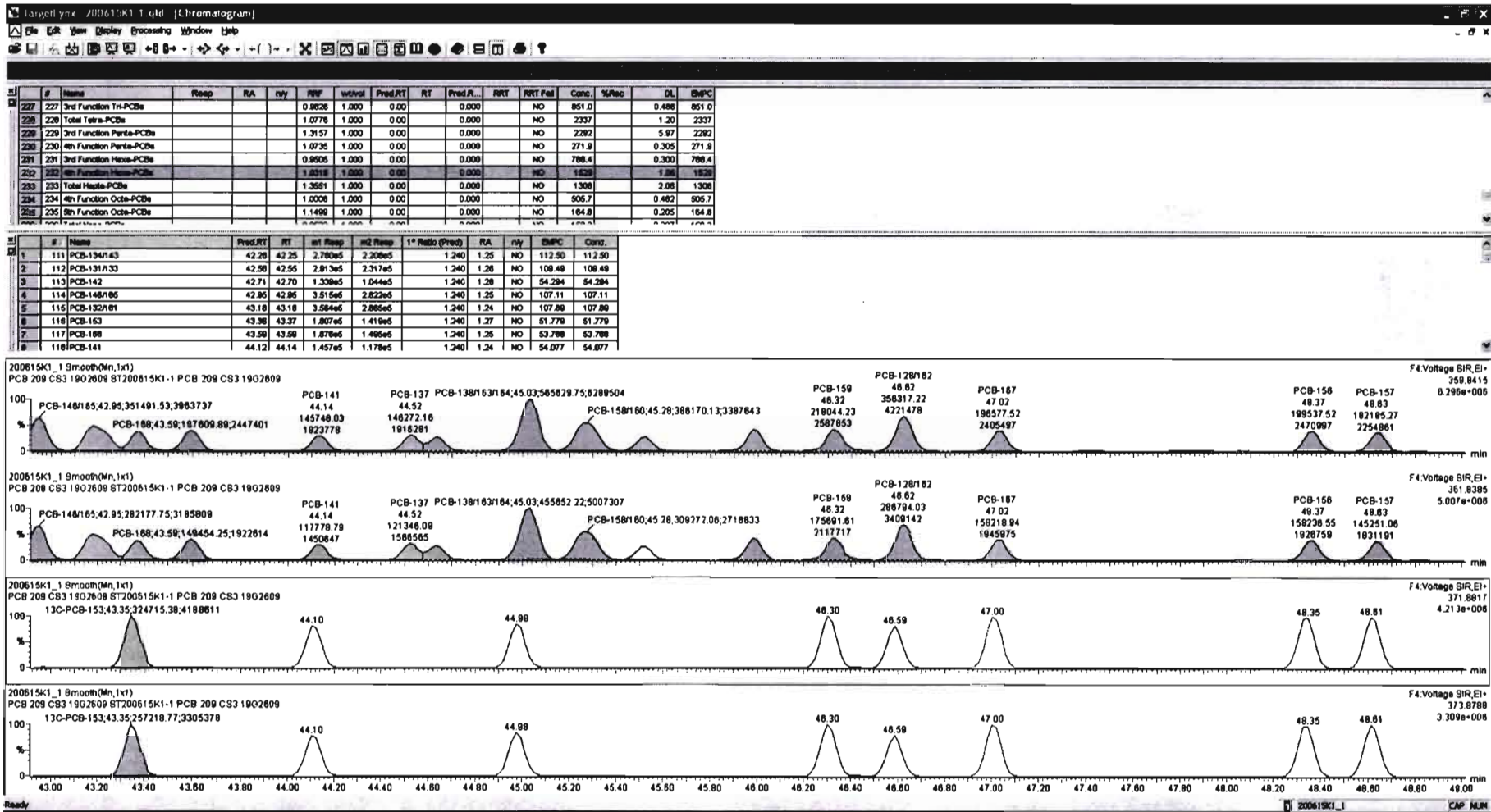


**13C-PCB-153**



**PFK4b**







Dataset: Untitled

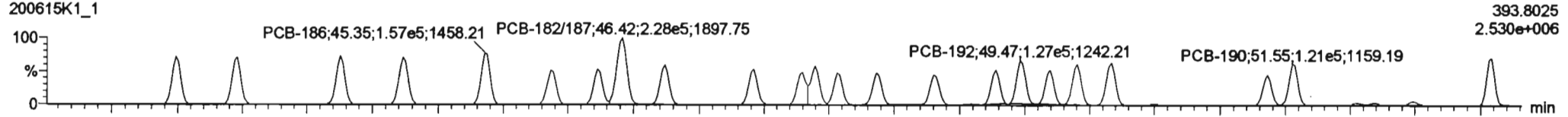
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

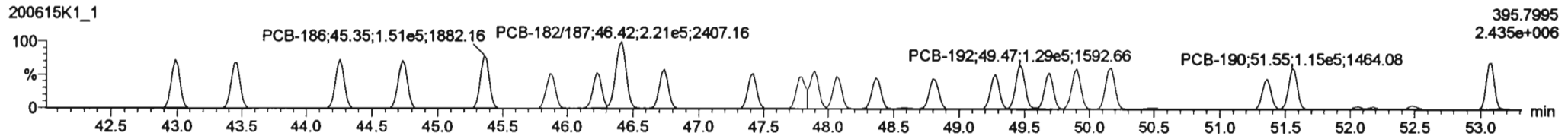
Name: , Date: , Time: , ID: , Description:

**PCB-188**

200615K1\_1

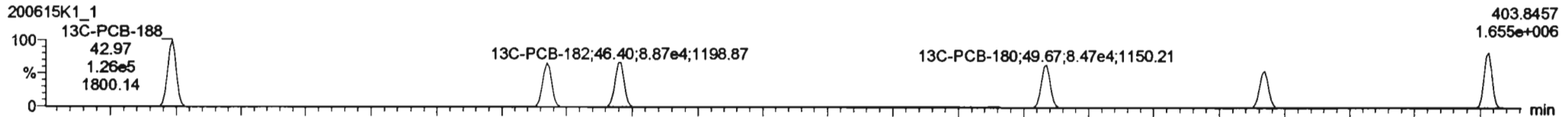


200615K1\_1

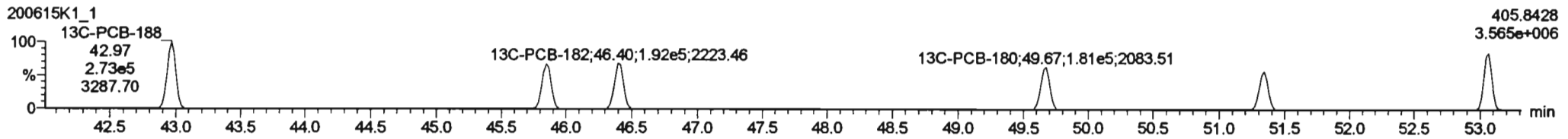


**13C-PCB-188**

200615K1\_1

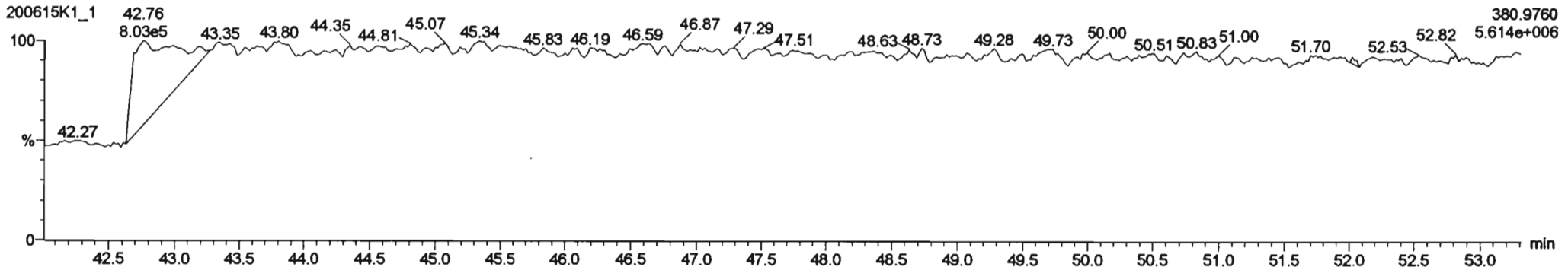


200615K1\_1



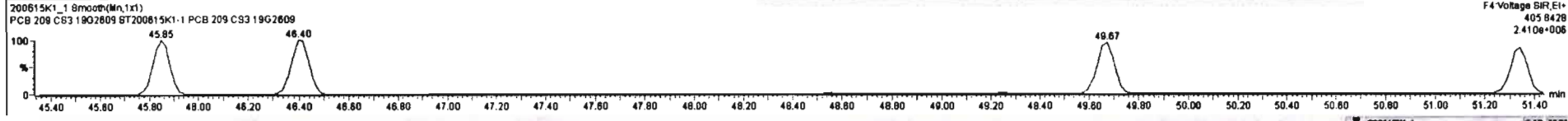
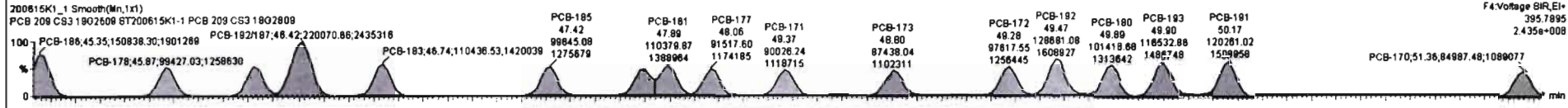
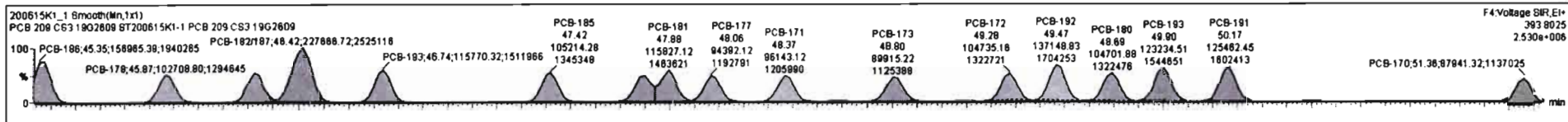
**PFK4c**

200615K1\_1



#	Name	Resp	RA	nly	RRF	wtAvl	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
227	2nd Function Tri-PCBs				0.9828	1.000	0.00	0.000	0.000		NO	851.0		0.486	851.0
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.000	0.000		NO	2337		1.20	2337
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000	0.000		NO	2292		5.97	2292
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000	0.000		NO	271.9		0.305	271.9
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000	0.000		NO	786.4		0.300	786.4
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.000	0.000		NO	1529		1.06	1529
233	Total Hepta-PCBs				1.2601	1.000	0.00	0.000	0.000		NO	1308		2.08	1308
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	0.000		NO	505.7		0.482	505.7
235	5th Function Octa-PCBs				1.1499	1.000	0.00	0.000	0.000		NO	164.8		0.205	164.8

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	131 PCB-186	43.01	42.98	1.403e5	1.363e5	1.050	1.03	NO	53.801	53.801
2	132 PCB-184	43.44	43.46	1.402e5	1.333e5	1.050	1.05	NO	55.705	55.705
3	133 PCB-179	44.28	44.26	1.410e5	1.370e5	1.050	1.03	NO	53.717	53.717
4	134 PCB-178	44.72	44.73	1.410e5	1.384e5	1.050	1.02	NO	53.537	53.537
5	135 PCB-188	45.35	45.35	1.570e5	1.508e5	1.050	1.04	NO	58.081	58.081
6	136 PCB-176	45.87	45.87	1.027e5	9.843e4	1.050	1.03	NO	53.751	53.751
7	137 PCB-175	46.22	46.23	1.058e5	1.018e5	1.050	1.04	NO	54.458	54.458
8	138 PCB-182/187	46.40	46.42	2.277e5	2.201e5	1.050	1.03	NO	105.33	105.33



Dataset: Untitled

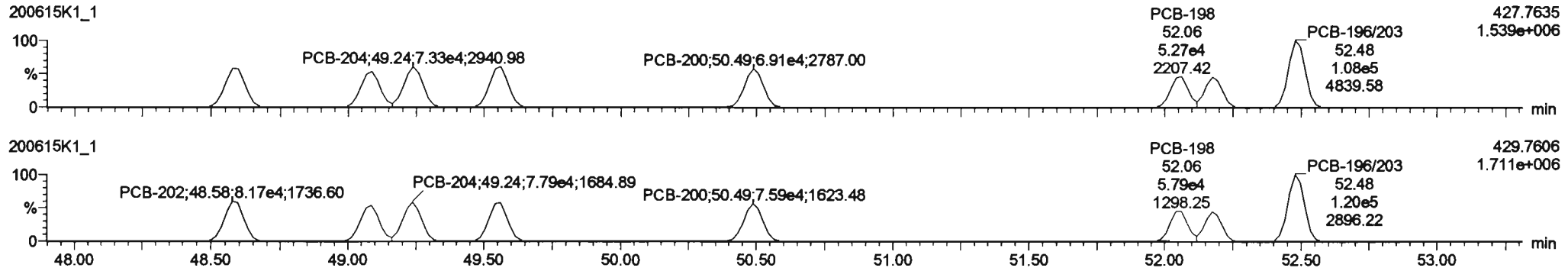
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time

Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

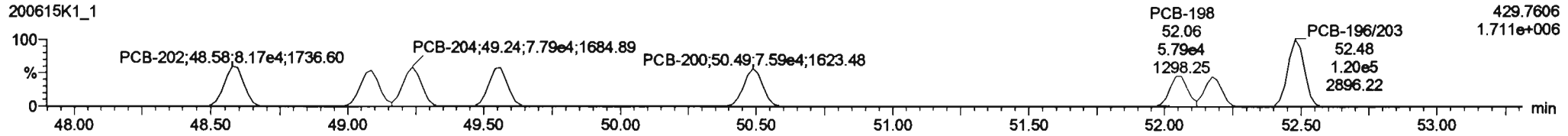
Name: , Date: , Time: , ID: , Description:

**PCB-202**

200615K1\_1

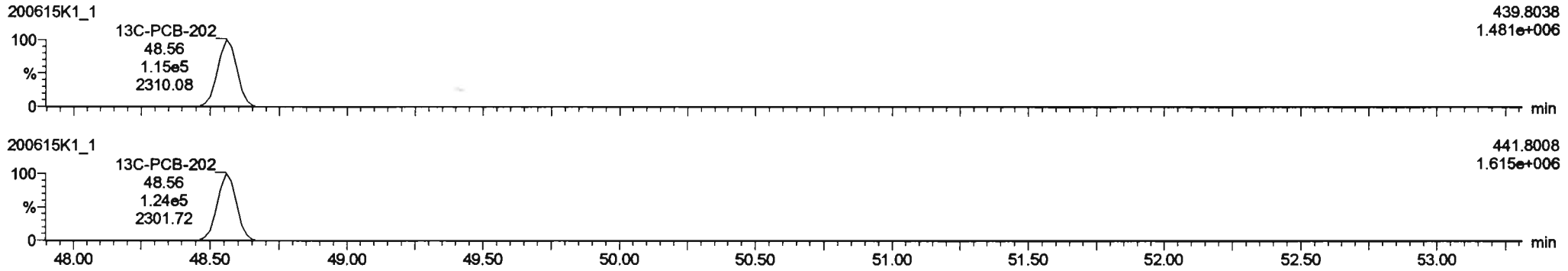


200615K1\_1

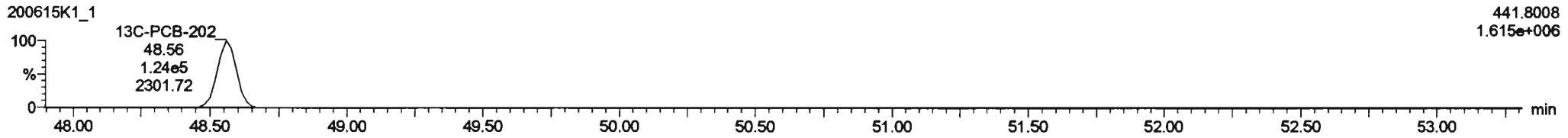


**13C-PCB-202**

200615K1\_1

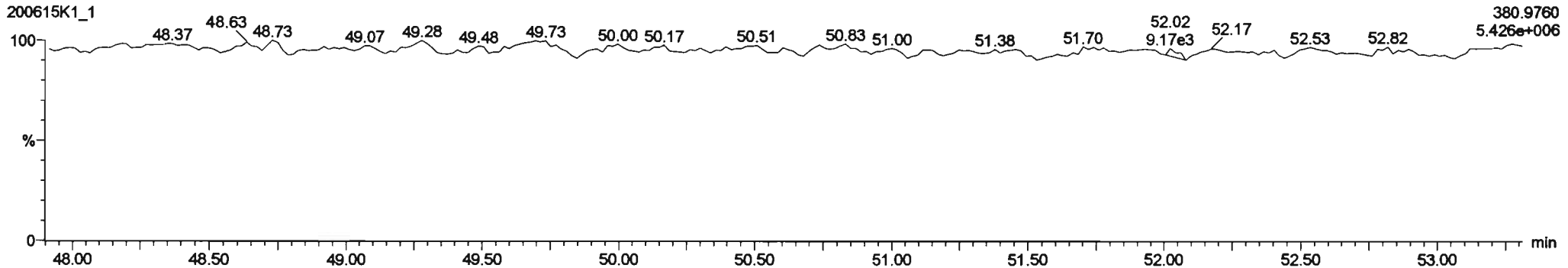


200615K1\_1



**PFK4d**

200615K1\_1

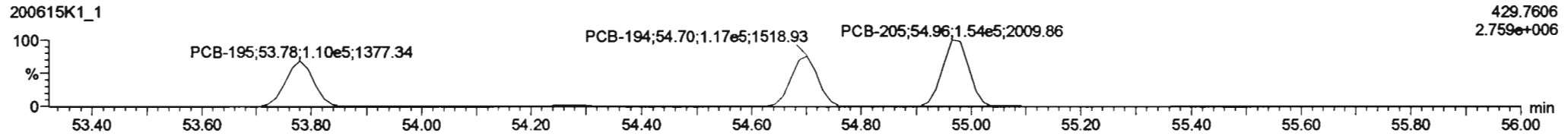
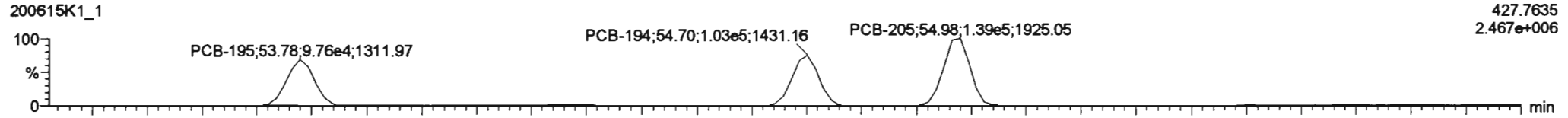


Dataset: Untitled

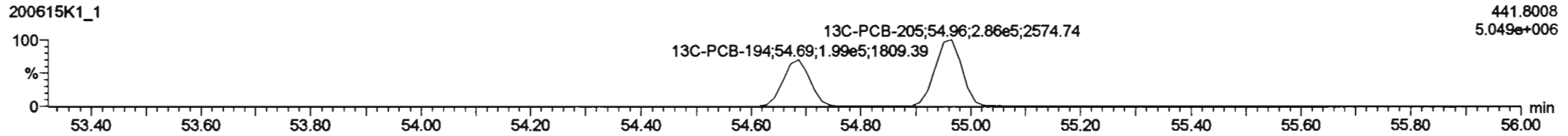
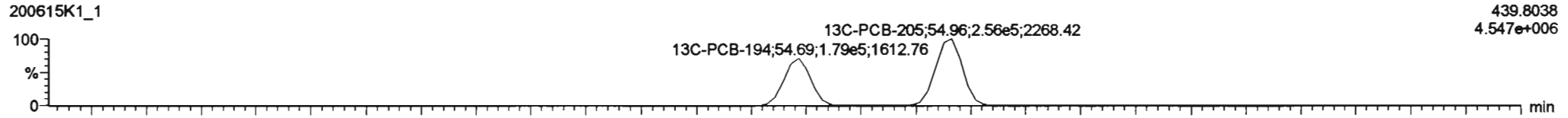
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

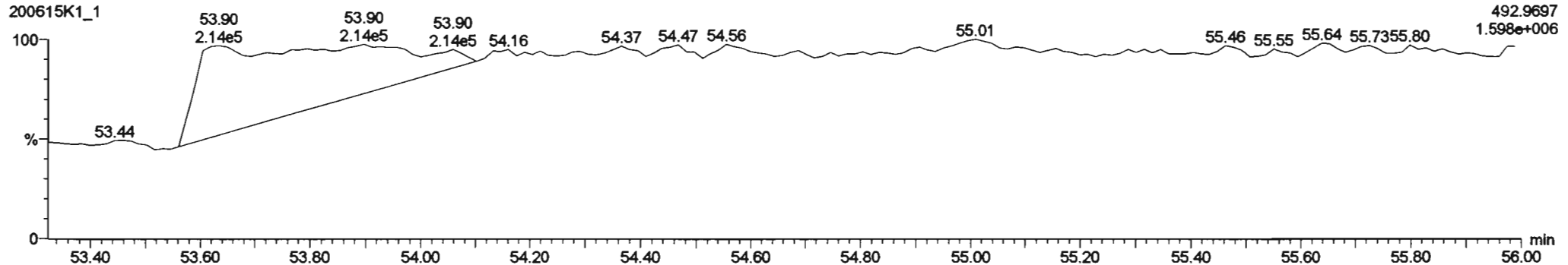
**PCB-195**



**13C-PCB-194**



**PFK5a**



Dataset: Untitled

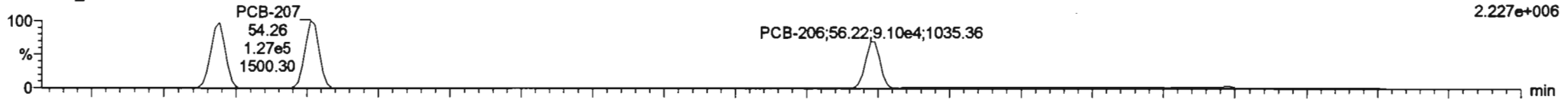
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

**PCB-208**

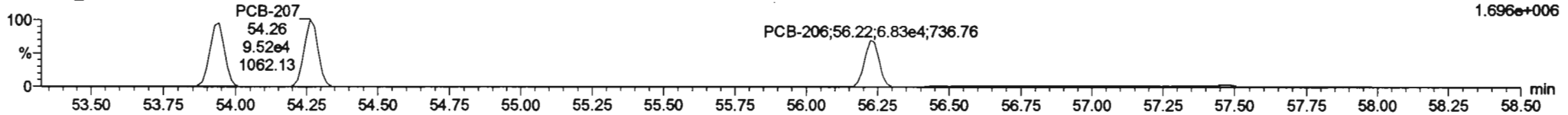
200615K1\_1

463.7216  
2.227e+006



200615K1\_1

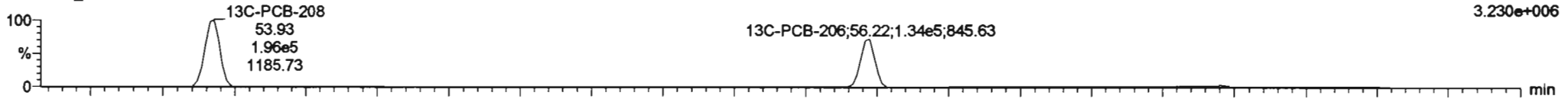
465.7186  
1.696e+006



**13C-PCB-208**

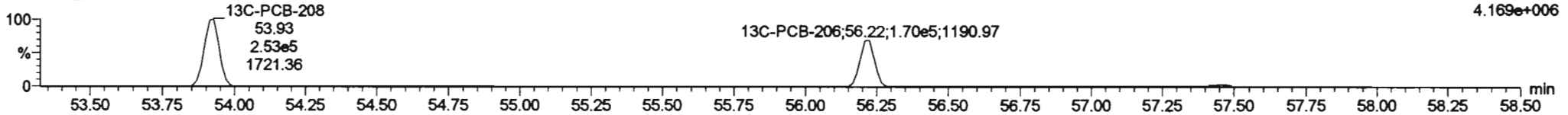
200615K1\_1

473.7648  
3.230e+006



200615K1\_1

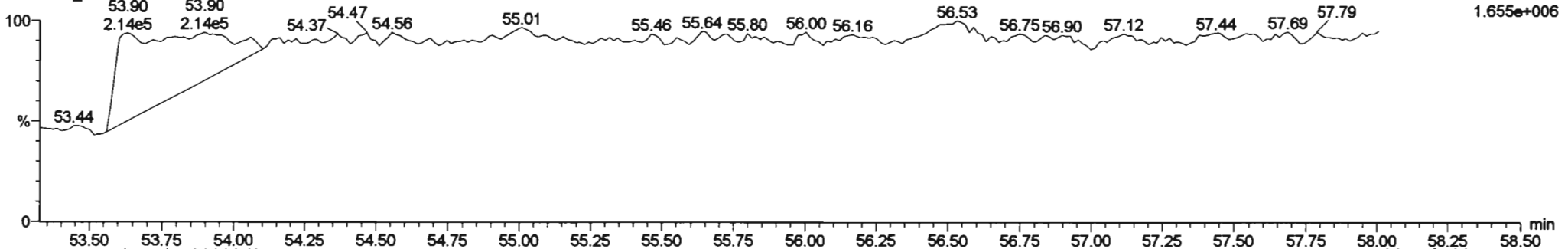
475.7619  
4.169e+006



**PFK5**

200615K1\_1

492.9697  
1.655e+006



Dataset: Untitled

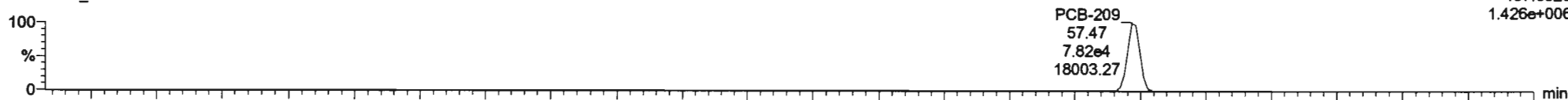
Last Altered: Monday, June 15, 2020 15:11:08 Pacific Daylight Time  
Printed: Monday, June 15, 2020 15:11:41 Pacific Daylight Time

Name: , Date: , Time: , ID: , Description:

**PCB-209**

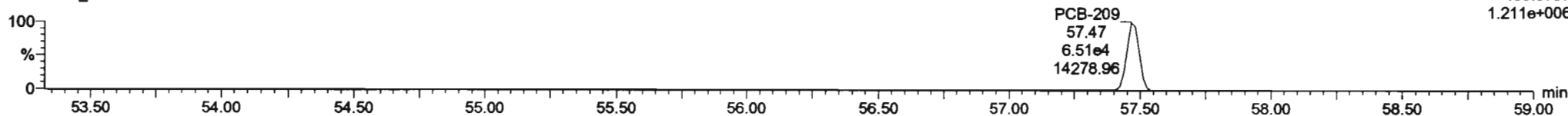
200615K1\_1

497.6826  
1.426e+006



200615K1\_1

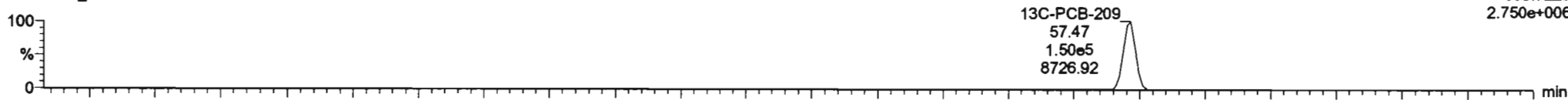
499.6797  
1.211e+006



**13C-PCB-209**

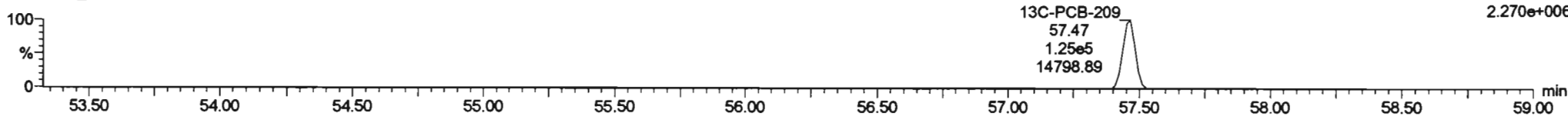
200615K1\_1

509.7229  
2.750e+006



200615K1\_1

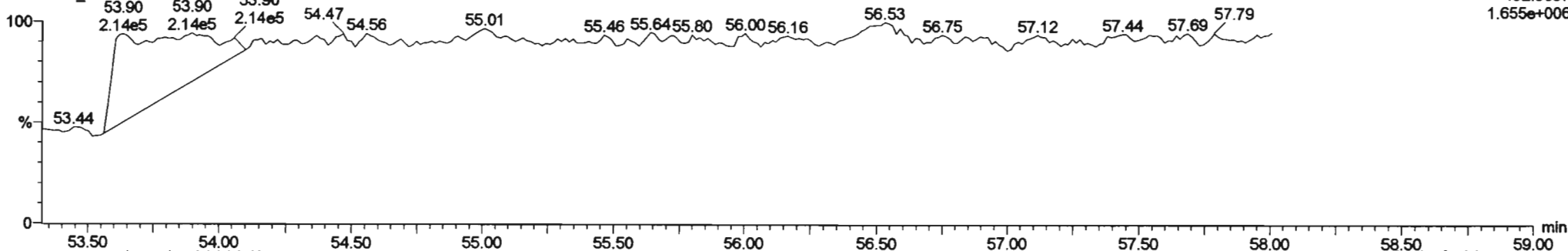
511.7199  
2.270e+006



**PFK5b**

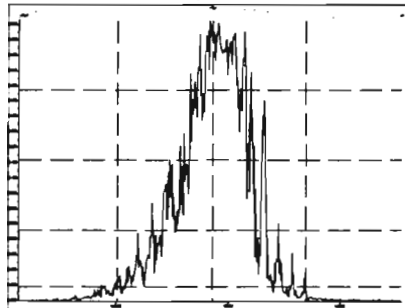
200615K1\_1

492.9697  
1.655e+006

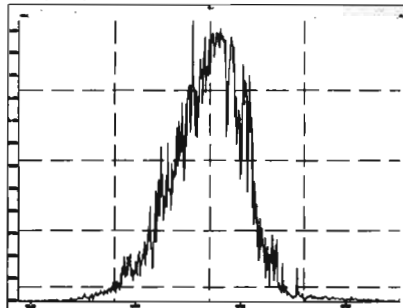




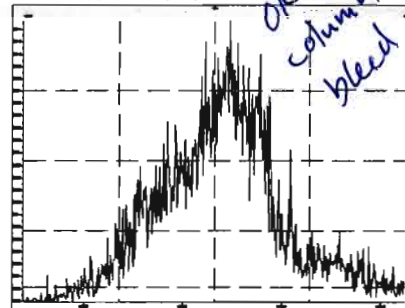
M 168.9888 R 12448



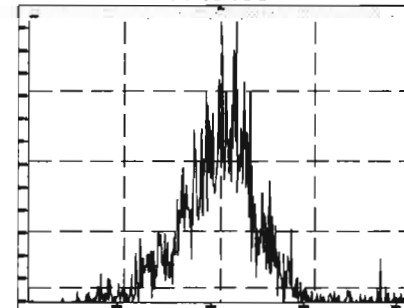
M 180.9888 R 11905



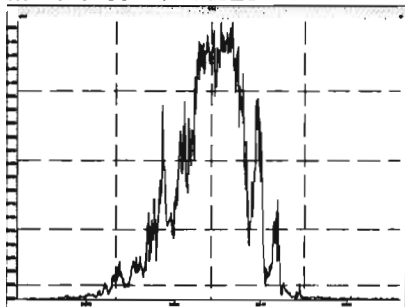
M 192.9888 R 7260



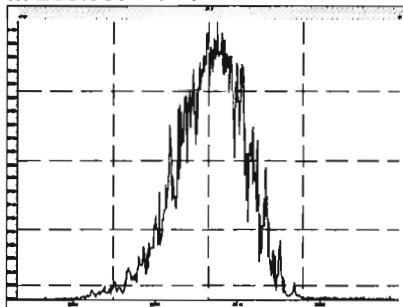
M 204.9888 R 15108



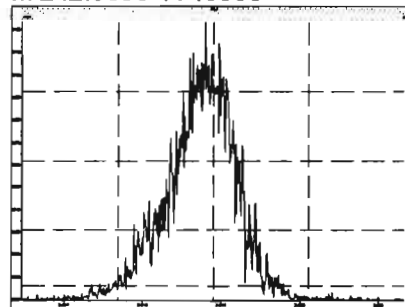
M 218.9856 R 11925



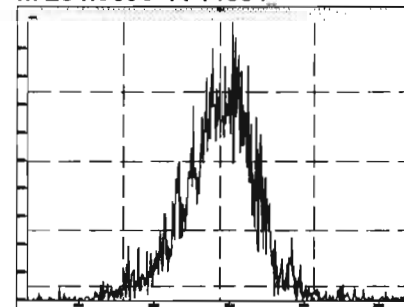
M 230.9856 R 12293



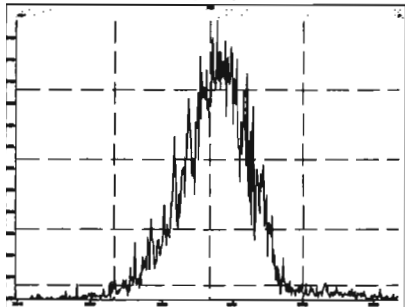
M 242.9856 R 13538



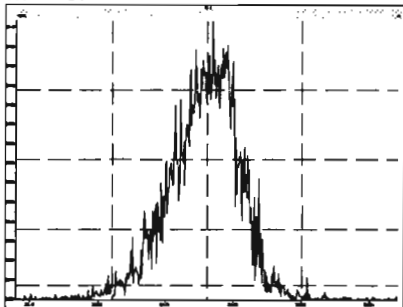
M 254.9856 R 14604



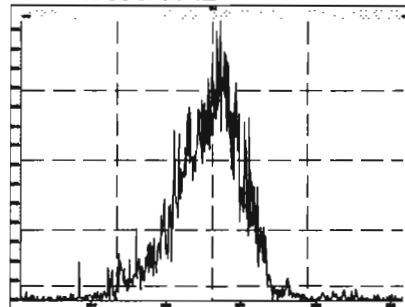
M 268.9824 R 13370



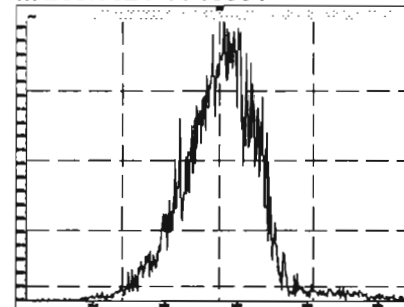
M 280.9824 R 13479



M 254.9856 R 12836

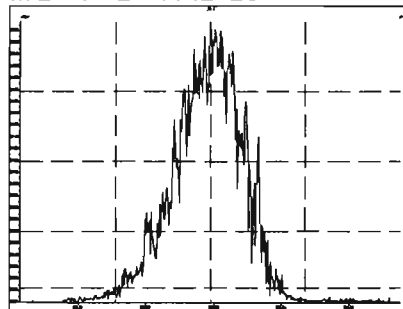


M 268.9824 R 13061

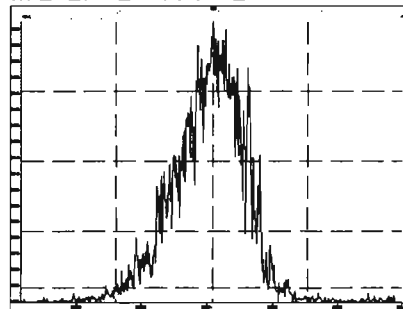


Printed: Tuesday, June 16, 2020 00:11:37 Pacific Daylight Time

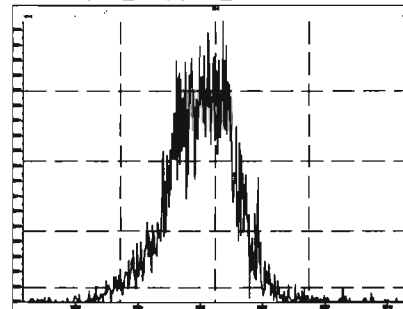
M 280.9824 R 12820



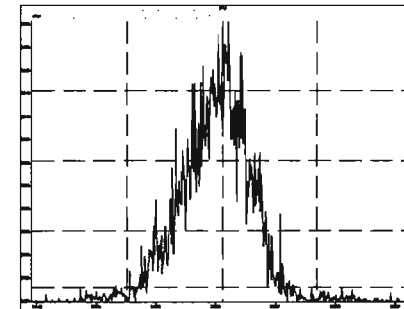
M 292.9824 R 13624



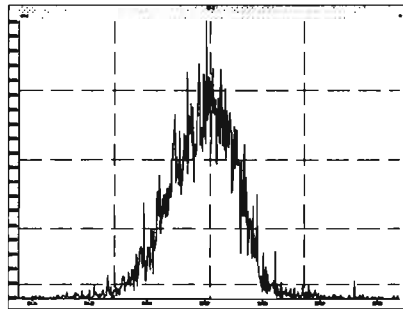
M 304.9824 R 15200



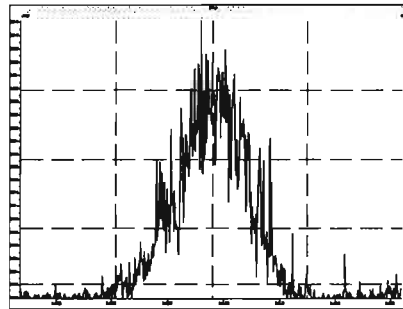
M 318.9792 R 15770



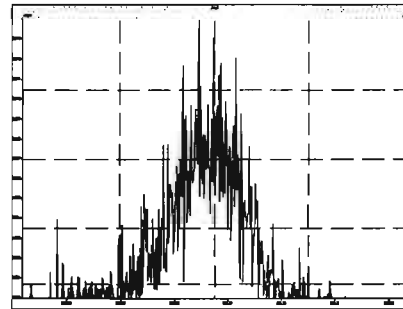
M 330.9792 R 14709



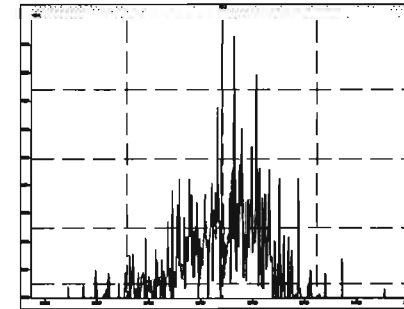
M 342.9792 R 13585



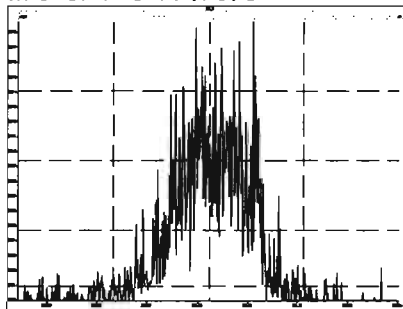
M 354.9792 R 17784



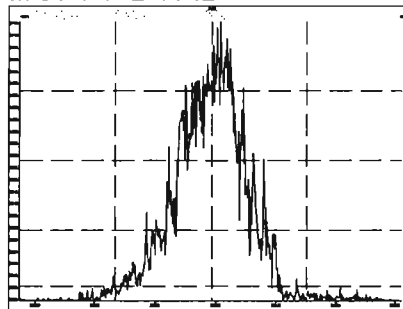
M 366.9792 R 37913



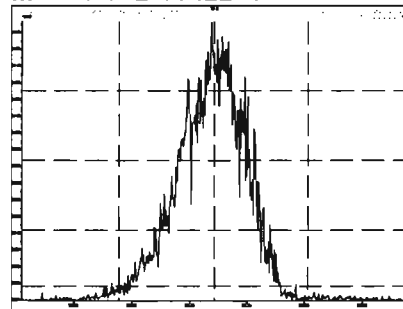
M 380.9760 R 17378



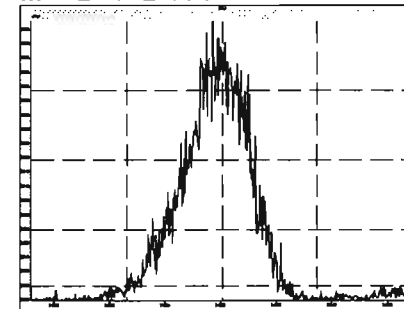
M 318.9792 R 12954



M 330.9792 R 12261

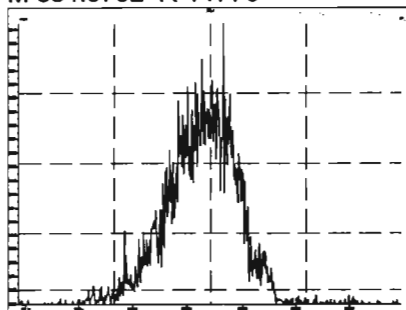


M 342.9792 R 13367

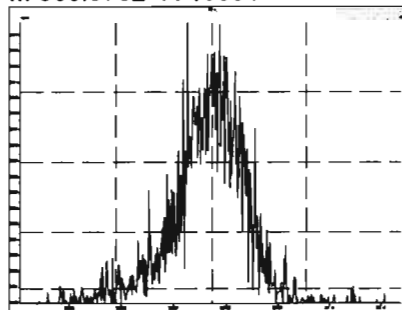


Printed: Tuesday, June 16, 2020 00:11:37 Pacific Daylight Time

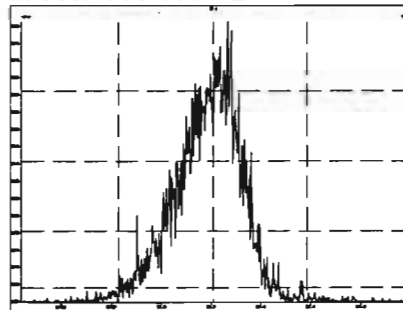
M 354.9792 R 14776



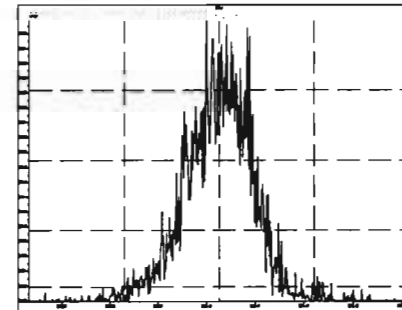
M 366.9792 R 16001



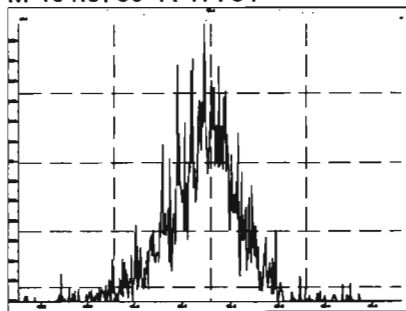
M 380.9760 R 14127



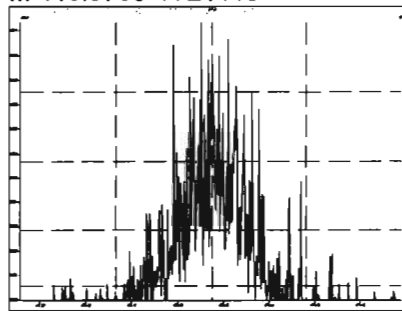
M 392.9760 R 15433



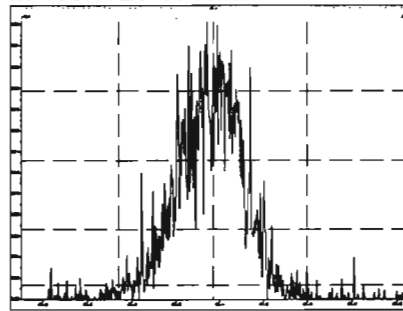
M 404.9760 R 17731



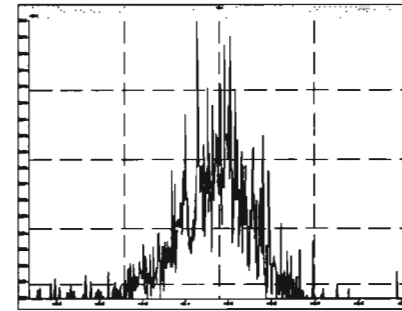
M 416.9760 R 21115



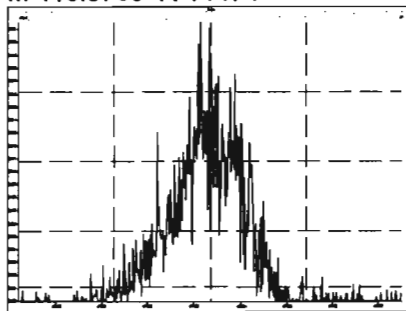
M 430.9728 R 16628



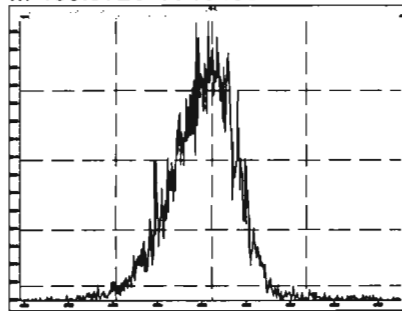
M 442.9728 R 20362



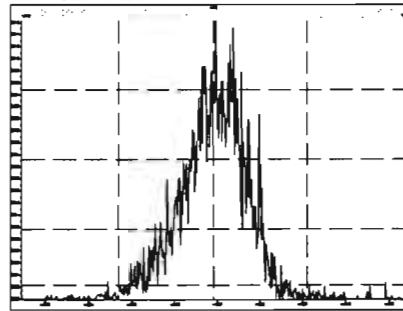
M 416.9760 R 14474



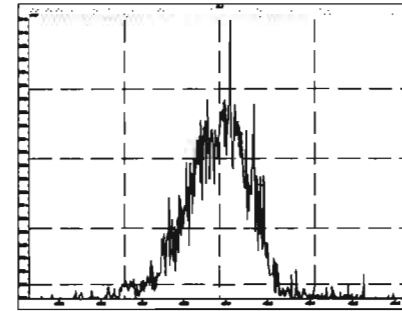
M 430.9728 R 13405



M 442.9728 R 15677

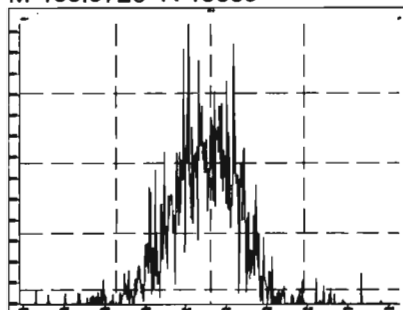


M 454.9728 R 16290

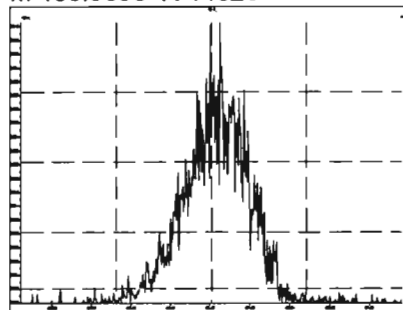


Printed: Tuesday, June 16, 2020 00:11:37 Pacific Daylight Time

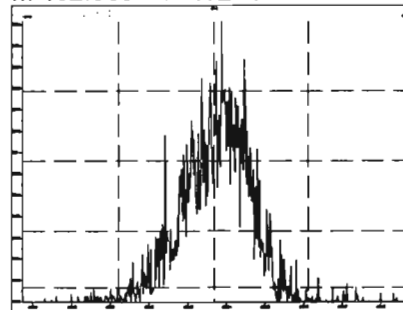
M 466.9728 R 16665



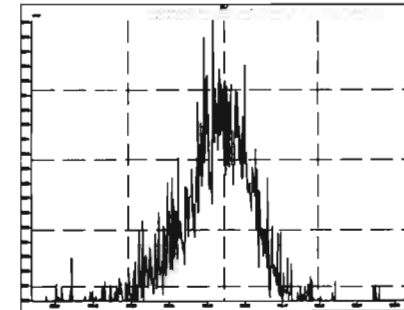
M 480.9696 R 14326



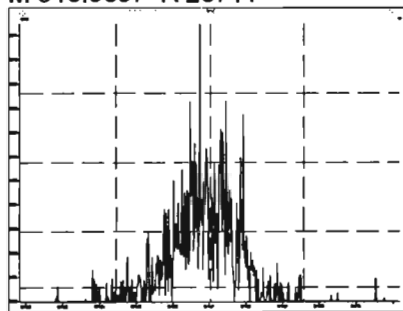
M 492.9696 R 15291



M 504.9696 R 18251



M 516.9697 R 26711



# HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

11  
**Beg. Calibration ID:** ST200617K2-1

**Reviewed By:** CT 06/12/2020  
*Initials & Date*

**End Calibration ID:** NA

	<u>Beg.</u>	<u>End</u>
<b>Ion abundance within QC limits?</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <u>AAA</u>
<b>Concentrations within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>TCDD/TCDF Valleys &lt;25%</b>	<input checked="" type="checkbox"/> <u>NA</u>	<input type="checkbox"/>
<b>First and last eluters present?</b>	<input checked="" type="checkbox"/> <u>NA</u>	<input type="checkbox"/>
<b>Retention Times within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Verification Std. named correctly?</b> <b>(ST-Year-Month-Day-VG ID)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Forms signed and dated?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Correct ICAL referenced?</b>	<input checked="" type="checkbox"/> <u>HL</u>	<input checked="" type="checkbox"/> <u>HL</u>
<b><u>Run Log:</u></b>		
- <b>Correct Instrument listed?</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <u>NA</u>
- <b>Samples within 12 hour clock?</b>	<input checked="" type="checkbox"/> <u>(Y)</u>	<input type="checkbox"/> <u>N</u>
- <b>Bottle position verified?</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <u>HL</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

<u>Beg.</u>	<u>End</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <u>NA</u>
	<input checked="" type="checkbox"/> <u>NA</u>

**Comments:**  
 (A) 1 mass affected by column bleed.

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

*Hz 6-18-2020*

*CT 06/18/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	9.83e5	3.14	NO	1.17	1.000	15.53	15.54	1.001	1.002	NO	55.04	110	0.0120	55.04
2	2 PCB-2	9.99e5	3.13	NO	1.18	1.000	17.95	17.95	0.988	0.988	NO	53.55	107	0.0117	53.55
3	3 PCB-3	9.88e5	3.15	NO	1.15	1.000	18.18	18.19	1.001	1.001	NO	54.59	109	0.0121	54.59
4	4 PCB-4/10	1.44e6	1.53	NO	1.25	1.000	19.60	19.60	1.004	1.004	NO	100.8	101	0.0572	100.8
5	5 PCB-7/9	1.78e6	1.54	NO	0.960	1.000	21.41	21.40	1.003	1.002	NO	99.49	99.5	0.0473	99.49
6	6 PCB-6	9.47e5	1.55	NO	1.02	1.000	22.06	22.05	1.033	1.033	NO	49.80	99.6	0.0444	49.80
7	7 PCB-5/8	1.88e6	1.54	NO	0.992	1.000	22.47	22.46	1.052	1.052	NO	102.0	102	0.0458	102.0
8	8 PCB-14	9.82e5	1.55	NO	1.02	1.000	23.60	23.60	0.952	0.951	NO	50.50	101	0.0460	50.50
9	9 PCB-11	1.07e6	1.56	NO	1.13	1.000	24.82	24.82	1.001	1.001	NO	49.58	99.2	0.0415	49.58
10	10 PCB-12/13	2.05e6	1.55	NO	1.03	1.000	25.25	25.20	1.018	1.016	NO	104.2	104	0.0456	104.2
11	11 PCB-15	1.04e6	1.55	NO	1.03	1.000	25.57	25.55	1.031	1.030	NO	52.45	105	0.0452	52.45
12	12 PCB-19	5.33e5	1.03	NO	1.11	1.000	23.79	23.78	1.001	1.001	NO	55.57	111	0.0230	55.57
13	13 PCB-30	8.65e5	1.04	NO	1.79	1.000	24.69	24.69	1.039	1.039	NO	55.65	111	0.0142	55.65
14	14 PCB-18	5.75e5	1.03	NO	0.818	1.000	25.46	25.46	0.952	0.952	NO	55.98	112	0.0214	55.98
15	15 PCB-17	5.43e5	1.03	NO	0.758	1.000	25.64	25.64	0.958	0.958	NO	56.96	114	0.0231	56.96
16	16 PCB-24/27	1.52e6	1.03	NO	1.08	1.000	26.25	26.23	0.981	0.980	NO	111.9	112	0.0162	111.9
17	17 PCB-16/32	1.31e6	1.04	NO	0.925	1.000	26.77	26.76	1.001	1.000	NO	113.0	113	0.0189	113.0
18	18 PCB-34	9.29e5	1.03	NO	0.945	1.000	27.58	27.58	0.959	0.959	NO	56.59	113	0.0219	56.59
19	19 PCB-23	7.98e5	1.05	NO	0.883	1.000	27.67	27.67	0.962	0.962	NO	52.10	104	0.0235	52.10
20	20 PCB-29	8.34e5	1.04	NO	0.893	1.000	27.93	27.93	0.971	0.971	NO	53.82	108	0.0232	53.82
21	21 PCB-26	8.92e5	1.02	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	54.45	109	0.0219	54.45
22	22 PCB-25	8.93e5	1.04	NO	0.950	1.000	28.31	28.31	0.984	0.984	NO	54.17	108	0.0218	54.17
23	23 PCB-31	1.01e6	1.03	NO	1.04	1.000	28.68	28.68	0.997	0.997	NO	56.27	113	0.0200	56.27
24	24 PCB-28	9.46e5	1.06	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	53.16	106	0.0202	53.16
25	25 PCB-20/21/33	2.68e6	1.04	NO	0.941	1.000	29.43	29.40	1.023	1.022	NO	164.0	109	0.0220	164.0
26	26 PCB-22	9.23e5	1.03	NO	0.973	1.000	29.87	29.87	1.038	1.038	NO	54.67	109	0.0213	54.67
27	27 PCB-36	9.57e5	1.03	NO	1.08	1.000	30.50	30.50	0.931	0.931	NO	52.94	106	0.0203	52.94
28	28 PCB-39	8.85e5	1.04	NO	0.988	1.000	30.98	30.99	0.946	0.946	NO	53.32	107	0.0221	53.32
29	29 PCB-38	9.27e5	1.03	NO	1.05	1.000	31.78	31.78	0.970	0.970	NO	52.49	105	0.0208	52.49
30	30 PCB-35	9.26e5	1.02	NO	1.04	1.000	32.32	32.33	0.987	0.987	NO	52.81	106	0.0209	52.81
31	31 PCB-37	9.09e5	1.03	NO	1.01	1.000	32.77	32.77	1.001	1.001	NO	53.61	107	0.0217	53.61
32	32 PCB-54	7.36e5	0.77	NO	1.08	1.000	27.62	27.64	1.001	1.001	NO	56.58	113	0.0235	56.58

*75-155*

*u*



Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Prod.RT	RT	Prod.R...	RRT	Check.RRT	Conc	%Rec	DL	EMPC
33	PCB-50	5.98e5	0.78	NO	0.880	1.000	28.81	28.83	1.044	1.044	NO	56.43	113	0.0289	56.43
34	PCB-53	5.54e5	0.77	NO	0.997	1.000	29.50	29.50	0.944	0.944	NO	57.34	115	0.0321	57.34
35	PCB-51	5.93e5	0.77	NO	1.07	1.000	29.84	29.85	0.955	0.955	NO	57.51	115	0.0300	57.51
36	PCB-45	4.75e5	0.77	NO	0.858	1.000	30.29	30.30	0.969	0.970	NO	57.13	114	0.0373	57.13
37	PCB-46	4.48e5	0.78	NO	0.831	1.000	30.78	30.80	0.985	0.986	NO	55.69	111	0.0385	55.69
38	PCB-52/69	1.30e6	0.76	NO	1.17	1.000	31.28	31.28	1.001	1.001	NO	114.7	115	0.0274	114.7
39	PCB-73	7.66e5	0.79	NO	1.44	1.000	31.40	31.41	1.005	1.005	NO	54.80	110	0.0222	54.80
40	PCB-43/49	1.10e6	0.76	NO	1.02	1.000	31.57	31.58	1.010	1.011	NO	111.5	112	0.0315	111.5
41	PCB-47	5.27e5	0.77	NO	0.922	1.000	31.79	31.80	1.001	1.001	NO	56.04	112	0.0322	56.04
42	PCB-48/75	1.31e6	0.77	NO	1.12	1.000	31.90	31.92	1.004	1.005	NO	114.5	114	0.0265	114.5
43	PCB-65	7.01e5	0.76	NO	1.28	1.000	32.17	32.18	1.013	1.013	NO	53.60	107	0.0232	53.60
44	PCB-62	6.78e5	0.76	NO	1.13	1.000	32.28	32.29	1.016	1.016	NO	58.96	118	0.0263	58.96
45	PCB-44	4.70e5	0.78	NO	0.824	1.000	32.62	32.62	1.027	1.027	NO	55.91	112	0.0360	55.91
46	PCB-42/59	1.20e6	0.79	NO	1.05	1.000	32.85	32.85	1.034	1.034	NO	112.1	112	0.0283	112.1
47	PCB-41/64/71/72	2.76e6	0.77	NO	1.19	1.000	33.45	33.46	1.053	1.053	NO	228.3	114	0.0250	228.3
48	PCB-68	7.28e5	0.78	NO	1.28	1.000	33.70	33.72	1.061	1.061	NO	55.88	112	0.0232	55.88
49	PCB-40	3.61e5	0.76	NO	0.602	1.000	33.93	33.94	1.068	1.069	NO	58.85	118	0.0493	58.85
50	PCB-57	7.68e5	0.78	NO	1.16	1.000	34.31	34.32	0.969	0.970	NO	54.67	109	0.0226	54.67
51	PCB-67	7.26e5	0.77	NO	1.08	1.000	34.62	34.63	0.978	0.978	NO	55.45	111	0.0242	55.45
52	PCB-58	7.89e5	0.79	NO	1.20	1.000	34.74	34.74	0.982	0.982	NO	54.29	109	0.0218	54.29
53	PCB-63	7.07e5	0.77	NO	1.07	1.000	34.90	34.91	0.986	0.986	NO	54.64	109	0.0245	54.64
54	PCB-74	8.02e5	0.77	NO	1.19	1.000	35.20	35.21	0.994	0.995	NO	56.05	112	0.0221	56.05
55	PCB-61/70	1.42e6	0.78	NO	1.05	1.000	35.41	35.34	1.000	0.998	NO	111.5	111	0.0249	111.5
56	PCB-76/66	1.52e6	0.77	NO	1.16	1.000	35.60	35.60	1.006	1.006	NO	108.2	108	0.0225	108.2
57	PCB-80	7.93e5	0.79	NO	1.19	1.000	35.86	35.86	1.001	1.000	NO	53.99	108	0.0203	53.99
58	PCB-55	7.91e5	0.77	NO	1.17	1.000	36.18	36.19	1.010	1.010	NO	54.67	109	0.0206	54.67
59	PCB-56/60	1.38e6	0.76	NO	1.02	1.000	36.70	36.70	1.024	1.024	NO	109.7	110	0.0236	109.7
60	PCB-79	7.55e5	0.77	NO	1.14	1.000	37.80	37.80	1.055	1.054	NO	53.58	107	0.0211	53.58
61	PCB-78	7.29e5	0.77	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	55.40	111	0.0231	55.40
62	PCB-81	6.52e5	0.77	NO	1.05	1.000	39.06	39.06	1.000	1.000	NO	53.80	108	0.0251	53.80
63	PCB-77	7.02e5	0.77	NO	1.14	1.000	39.68	39.67	1.000	1.000	NO	55.67	111	0.0243	55.67
64	PCB-104	4.18e5	1.60	NO	1.12	1.000	32.46	32.47	1.001	1.001	NO	56.94	114	0.0230	56.94
65	PCB-96	4.30e5	1.59	NO	1.15	1.000	33.78	33.78	1.041	1.041	NO	57.07	114	0.0223	57.07
66	PCB-103	3.42e5	1.62	NO	0.936	1.000	34.34	34.33	1.059	1.059	NO	55.92	112	0.0275	55.92
67	PCB-100	3.49e5	1.58	NO	0.954	1.000	34.69	34.69	1.069	1.069	NO	55.96	112	0.0270	55.96
68	PCB-94	2.68e5	1.59	NO	0.949	1.000	35.19	35.19	0.985	0.985	NO	54.24	108	0.0339	54.24

75-1357

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.08e6	1.58	NO	1.20	1.000	35.67	35.66	0.999	0.998	NO	172.0	115	0.0267	172.0
70	70 PCB-93	2.45e5	1.61	NO	0.935	1.000	35.79	35.81	1.002	1.003	NO	50.26	101	0.0344	50.26
71	71 PCB-88/91	5.71e5	1.57	NO	1.06	1.000	36.14	36.14	1.012	1.012	NO	102.9	103	0.0302	102.9
72	72 PCB-121	5.26e5	1.57	NO	1.71	1.000	36.23	36.23	1.015	1.015	NO	58.99	118	0.0188	58.99
73	73 PCB-84/92	5.74e5	1.58	NO	1.02	1.000	37.10	37.09	0.990	0.990	NO	110.8	111	0.0322	110.8
74	74 PCB-89	3.18e5	1.60	NO	1.11	1.000	37.27	37.28	0.995	0.995	NO	56.52	113	0.0297	56.52
75	75 PCB-90/101	6.27e5	1.60	NO	1.12	1.000	37.48	37.46	1.000	1.000	NO	109.7	110	0.0292	109.7
76	76 PCB-113	4.47e5	1.61	NO	1.51	1.000	37.72	37.72	1.007	1.007	NO	57.97	116	0.0217	57.97
77	77 PCB-99	3.39e5	1.59	NO	1.32	1.000	37.81	37.81	1.009	1.009	NO	50.38	101	0.0248	50.38
78	78 PCB-119	4.32e5	1.58	NO	1.81	1.000	38.30	38.30	0.987	0.987	NO	53.82	108	0.0207	53.82
79	79 PCB-108/112	7.18e5	1.60	NO	1.44	1.000	38.46	38.45	0.991	0.991	NO	111.7	112	0.0258	111.7
80	80 PCB-83	4.51e5	1.58	NO	1.83	1.000	38.61	38.61	0.995	0.995	NO	55.36	111	0.0204	55.36
81	81 PCB-97	3.08e5	1.57	NO	1.28	1.000	38.82	38.82	1.000	1.000	NO	54.04	108	0.0291	54.03
82	82 PCB-86	3.10e5	1.58	NO	1.12	1.000	38.97	38.97	1.004	1.004	NO	62.45	125	0.0334	62.45
83	83 PCB-87/117/125	1.14e6	1.61	NO	1.56	1.000	39.12	39.10	1.008	1.008	NO	164.7	110	0.0239	164.7
84	84 PCB-111/115	8.85e5	1.57	NO	1.91	1.000	39.27	39.27	1.012	1.012	NO	104.0	104	0.0195	104.0
85	85 PCB-85/116	7.26e5	1.60	NO	1.41	1.000	39.40	39.40	1.015	1.015	NO	115.7	116	0.0264	115.7
86	86 PCB-120	4.85e5	1.58	NO	2.01	1.000	39.66	39.66	1.022	1.022	NO	54.37	109	0.0186	54.37
87	87 PCB-110	4.16e5	1.61	NO	1.74	1.000	39.79	39.79	1.026	1.025	NO	53.62	107	0.0214	53.62
88	88 PCB-82	2.56e5	1.54	NO	0.781	1.000	40.44	40.44	0.976	0.976	NO	57.04	114	0.0373	57.04
89	89 PCB-124	4.29e5	1.58	NO	1.40	1.000	41.15	41.15	0.993	0.993	NO	53.43	107	0.0208	53.43
90	90 PCB-107/109	8.89e5	1.61	NO	1.34	1.000	41.29	41.29	0.996	0.996	NO	115.4	115	0.0217	115.4
91	91 PCB-123	3.92e5	1.60	NO	1.20	1.000	41.46	41.46	1.000	1.000	NO	56.92	114	0.0243	56.92
92	92 PCB-106/118	8.25e5	1.60	NO	1.22	1.000	41.67	41.69	1.001	1.001	NO	111.4	111	0.0233	111.4
93	93 PCB-114	6.58e5	1.56	NO	1.14	1.000	42.33	42.32	1.000	1.000	NO	51.00	102	0.0258	51.00
94	94 PCB-122	5.92e5	1.59	NO	0.944	1.000	42.47	42.47	1.004	1.004	NO	55.45	111	0.0312	55.45
95	95 PCB-105	6.32e5	1.56	NO	1.05	1.000	43.21	43.23	1.000	1.001	NO	53.24	106	0.0287	53.24
96	96 PCB-127	6.66e5	1.58	NO	1.06	1.000	43.57	43.57	1.000	1.000	NO	53.70	107	0.0272	53.70
97	97 PCB-126	6.68e5	1.55	NO	1.17	1.000	45.52	45.53	1.000	1.000	NO	53.26	107	0.0264	53.26
98	98 PCB-155	1.86e5	1.33	NO	1.04	1.000	36.99	36.99	1.000	1.000	NO	53.31	107	0.0134	53.31
99	99 PCB-150	1.98e5	1.32	NO	1.08	1.000	38.32	38.32	1.036	1.036	NO	54.64	109	0.0129	54.64
100	1... PCB-152	2.16e5	1.33	NO	1.19	1.000	38.80	38.80	1.049	1.049	NO	54.47	109	0.0118	54.47
101	1... PCB-145	2.14e5	1.30	NO	1.19	1.000	39.27	39.27	1.062	1.062	NO	53.67	107	0.0118	53.67
102	1... PCB-136	1.93e5	1.30	NO	1.02	1.000	39.60	39.60	1.071	1.071	NO	56.52	113	0.0137	56.52
103	1... PCB-148	1.41e5	1.32	NO	0.842	1.000	39.71	39.71	1.074	1.074	NO	49.98	100	0.0166	49.98
104	1... PCB-154	1.62e5	1.32	NO	0.919	1.000	40.22	40.22	1.088	1.088	NO	52.63	105	0.0152	52.63

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	rv	RRF	w/Vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	1.40e5	1.30	NO	0.787	1.000	40.88	40.87	1.105	1.105	NO	53.00	106	0.0178	53.00
106	1... PCB-135	1.51e5	1.32	NO	0.922	1.000	41.09	41.09	1.111	1.111	NO	48.91	97.8	0.0152	48.91
107	1... PCB-144	1.50e5	1.33	NO	0.789	1.000	41.20	41.20	1.114	1.114	NO	56.88	114	0.0177	56.88
108	1... PCB-147	1.45e5	1.34	NO	0.834	1.000	41.33	41.35	1.118	1.118	NO	51.99	104	0.0167	51.99
109	1... PCB-139/149	3.20e5	1.30	NO	0.948	1.000	41.62	41.61	1.125	1.125	NO	100.7	101	0.0147	100.7
110	1... PCB-140	1.41e5	1.34	NO	0.794	1.000	41.80	41.81	1.130	1.131	NO	53.07	106	0.0176	53.06
111	1... PCB-134/143	7.63e5	1.24	NO	0.759	1.000	42.28	42.27	0.975	0.975	NO	112.6	113	0.0586	112.6
112	1... PCB-131/133	8.19e5	1.24	NO	0.821	1.000	42.58	42.57	0.982	0.982	NO	111.7	112	0.0542	111.7
113	1... PCB-142	3.68e5	1.23	NO	0.754	1.000	42.72	42.72	0.985	0.985	NO	54.61	109	0.0590	54.61
114	1... PCB-146/165	9.90e5	1.24	NO	1.02	1.000	42.97	42.97	0.991	0.991	NO	109.1	109	0.0437	109.1
115	1... PCB-132/161	9.89e5	1.22	NO	1.02	1.000	43.20	43.19	0.996	0.996	NO	108.2	108	0.0434	108.2
116	1... PCB-153	4.95e5	1.21	NO	1.07	1.000	43.38	43.38	1.000	1.000	NO	51.77	104	0.0415	51.77
117	1... PCB-168	5.22e5	1.23	NO	1.08	1.000	43.61	43.61	1.006	1.006	NO	54.25	108	0.0413	54.25
118	1... PCB-141	4.20e5	1.24	NO	1.03	1.000	44.14	44.16	1.000	1.001	NO	54.65	109	0.0529	54.65
119	1... PCB-137	4.22e5	1.22	NO	1.11	1.000	44.54	44.54	1.010	1.009	NO	50.72	101	0.0489	50.72
120	1... PCB-130	3.70e5	1.23	NO	0.885	1.000	44.64	44.65	1.012	1.012	NO	55.82	112	0.0613	55.82
121	1... PCB-138/163/164	1.60e6	1.25	NO	1.28	1.000	45.03	45.05	1.001	1.001	NO	164.3	110	0.0418	164.3
122	1... PCB-158/160	1.03e6	1.20	NO	1.24	1.000	45.28	45.28	1.006	1.006	NO	109.8	110	0.0433	109.8
123	1... PCB-129	3.50e5	1.23	NO	0.867	1.000	45.54	45.54	1.012	1.012	NO	53.12	106	0.0620	53.12
124	1... PCB-166	5.76e5	1.24	NO	1.14	1.000	46.01	46.00	0.993	0.993	NO	54.52	109	0.0377	54.52
125	1... PCB-159	6.20e5	1.25	NO	1.22	1.000	46.34	46.34	1.000	1.000	NO	55.20	110	0.0354	55.20
126	1... PCB-128/162	9.36e5	1.25	NO	0.907	1.000	46.63	46.64	1.007	1.007	NO	111.6	112	0.0474	111.6
127	1... PCB-167	5.59e5	1.26	NO	1.11	1.000	47.04	47.04	1.000	1.000	NO	54.38	109	0.0402	54.38
128	1... PCB-156	5.54e5	1.25	NO	1.13	1.000	48.39	48.39	1.000	1.000	NO	54.63	109	0.0413	54.63
129	1... PCB-157	5.08e5	1.25	NO	1.04	1.000	48.67	48.65	1.001	1.000	NO	54.91	110	0.0438	54.91
130	1... PCB-169	5.38e5	1.23	NO	1.16	1.000	50.93	50.92	1.000	1.000	NO	54.01	108	0.0425	54.01
131	1... PCB-188	4.35e5	1.03	NO	1.29	1.000	43.03	43.01	1.001	1.000	NO	54.14	108	0.0338	54.14
132	1... PCB-184	4.18e5	1.03	NO	1.23	1.000	43.46	43.48	1.011	1.012	NO	54.55	109	0.0354	54.55
133	1... PCB-179	4.30e5	1.04	NO	1.30	1.000	44.28	44.28	1.030	1.030	NO	53.17	106	0.0336	53.17
134	1... PCB-176	4.30e5	1.04	NO	1.31	1.000	44.74	44.75	1.041	1.041	NO	52.76	106	0.0333	52.76
135	1... PCB-186	4.59e5	1.06	NO	1.33	1.000	45.37	45.37	1.055	1.056	NO	55.48	111	0.0328	55.48
136	1... PCB-178	3.12e5	1.06	NO	0.943	1.000	45.89	45.88	1.067	1.067	NO	53.05	106	0.0462	53.05
137	1... PCB-175	3.16e5	1.03	NO	0.956	1.000	46.24	46.24	1.076	1.076	NO	53.01	106	0.0456	53.01
138	1... PCB-182/187	7.15e5	1.05	NO	1.07	1.000	46.42	46.44	1.080	1.080	NO	107.7	108	0.0409	107.7
139	1... PCB-183	3.43e5	1.03	NO	1.02	1.000	46.76	46.76	1.088	1.088	NO	53.80	108	0.0426	53.80
140	1... PCB-185	3.18e5	1.05	NO	1.41	1.000	47.44	47.44	0.955	0.955	NO	55.17	110	0.0485	55.17

75/147



Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	2.91e5	1.04	NO	1.35	1.000	47.83	47.82	0.962	0.962	NO	52.35	105	0.0504	52.35
142	1... PCB-181	3.51e5	1.05	NO	1.47	1.000	47.91	47.91	0.964	0.964	NO	57.99	116	0.0462	57.99
143	1... PCB-177	2.87e5	1.04	NO	1.28	1.000	48.08	48.08	0.968	0.968	NO	54.71	109	0.0534	54.71
144	1... PCB-171	2.95e5	1.03	NO	1.32	1.000	48.38	48.39	0.974	0.974	NO	54.70	109	0.0518	54.70
145	1... PCB-173	2.71e5	1.06	NO	1.19	1.000	48.82	48.82	0.983	0.983	NO	55.52	111	0.0573	55.52
146	1... PCB-172	3.07e5	1.06	NO	1.38	1.000	49.30	49.29	0.992	0.992	NO	54.50	109	0.0496	54.50
147	1... PCB-192	4.00e5	1.06	NO	1.83	1.000	49.48	49.49	0.996	0.996	NO	53.44	107	0.0373	53.44
148	1... PCB-180	3.11e5	1.04	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.81	108	0.0483	53.81
149	1... PCB-193	3.65e5	1.05	NO	1.68	1.000	49.92	49.92	1.005	1.005	NO	53.09	106	0.0407	53.09
150	1... PCB-191	3.73e5	1.07	NO	1.71	1.000	50.19	50.19	1.010	1.010	NO	53.21	106	0.0399	53.21
151	1... PCB-170	2.70e5	1.04	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	54.69	109	0.0577	54.69
152	1... PCB-190	3.58e5	1.07	NO	1.85	1.000	51.57	51.57	1.004	1.004	NO	54.92	110	0.0437	54.92
153	1... PCB-189	3.63e5	1.07	NO	1.45	1.000	53.11	53.08	1.000	1.000	NO	54.07	108	0.0380	54.07
154	1... PCB-202	2.43e5	0.90	NO	1.17	1.000	48.61	48.59	1.001	1.000	NO	53.48	107	0.0195	53.48
155	1... PCB-201	2.24e5	0.89	NO	1.05	1.000	49.10	49.11	1.011	1.011	NO	54.73	109	0.0216	54.73
156	1... PCB-204	2.36e5	0.92	NO	1.14	1.000	49.25	49.26	1.014	1.014	NO	53.28	107	0.0200	53.28
157	1... PCB-197	2.36e5	0.94	NO	1.13	1.000	49.57	49.58	1.020	1.021	NO	53.69	107	0.0201	53.69
158	1... PCB-200	2.30e5	0.91	NO	1.07	1.000	50.50	50.51	1.040	1.040	NO	55.37	111	0.0213	55.37
159	1... PCB-198	1.78e5	0.90	NO	0.794	1.000	52.08	52.06	1.072	1.072	NO	57.87	116	0.0287	57.87
160	1... PCB-199	1.69e5	0.92	NO	0.809	1.000	52.18	52.19	1.074	1.074	NO	53.71	107	0.0281	53.71
161	1... PCB-196/203	3.66e5	0.90	NO	0.838	1.000	52.50	52.50	1.081	1.081	NO	112.3	112	0.0272	112.3
162	1... PCB-195	3.52e5	0.89	NO	1.04	1.000	53.80	53.79	0.984	0.983	NO	51.00	102	0.0427	51.00
163	1... PCB-194	3.90e5	0.89	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	52.79	106	0.0399	52.79
164	1... PCB-205	4.81e5	0.89	NO	1.29	1.000	54.98	54.98	1.005	1.005	NO	56.38	113	0.0346	56.38
165	1... PCB-208	3.96e5	1.32	NO	0.933	1.000	53.94	53.94	1.000	1.000	NO	53.35	107	0.0588	53.35
166	1... PCB-207	3.93e5	1.37	NO	0.916	1.000	54.26	54.28	1.006	1.007	NO	53.85	108	0.0599	53.85
167	1... PCB-206	2.97e5	1.31	NO	1.01	1.000	56.24	56.24	1.000	1.000	NO	52.63	105	0.0733	52.63
168	1... PCB-209	2.65e5	1.22	NO	0.986	1.000	57.47	57.48	1.000	1.000	NO	53.71	107	0.0103	53.71
169	1... 13C-PCB-1	1.53e6	3.30	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	85.29	85.3	0.0423	
170	1... 13C-PCB-3	1.58e6	3.35	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	86.29	86.3	0.0414	
171	1... 13C-PCB-4	1.14e6	1.59	NO	0.600	1.000	19.52	19.52	0.765	0.765	NO	95.05	95.0	0.0373	
172	1... 13C-PCB-9	1.86e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	95.54	95.5	0.0231	
173	1... 13C-PCB-11	1.91e6	1.59	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.12	99.1	0.0232	
174	1... 13C-PCB-19	8.67e5	1.05	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	86.59	86.6	0.346	
175	1... 13C-PCB-32	1.26e6	1.05	NO	0.744	1.000	26.75	26.75	1.048	1.048	NO	84.22	84.2	0.232	
176	1... 13C-PCB-28	1.74e6	1.05	NO	1.06	1.000	28.77	28.77	1.004	1.004	NO	91.44	91.4	0.272	

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.68e6	1.02	NO	0.989	1.000	32.75	32.75	1.143	1.143	NO	95.21	95.2	0.293	
178	1... 13C-PCB-54	1.20e6	0.79	NO	0.999	1.000	27.62	27.60	0.753	0.752	NO	100.7	101	0.0621	
179	1... 13C-PCB-52	9.68e5	0.78	NO	0.804	1.000	31.26	31.25	0.852	0.852	NO	100.6	101	0.0772	
180	1... 13C-PCB-47	1.02e6	0.77	NO	0.857	1.000	31.77	31.77	0.866	0.866	NO	99.37	99.4	0.0724	
181	1... 13C-PCB-70	1.21e6	0.80	NO	0.996	1.000	35.41	35.40	0.965	0.965	NO	101.3	101	0.0624	
182	1... 13C-PCB-80	1.24e6	0.79	NO	1.03	1.000	35.84	35.84	0.977	0.977	NO	100.6	101	0.0604	
183	1... 13C-PCB-81	1.16e6	0.79	NO	0.988	1.000	39.04	39.04	1.064	1.064	NO	97.90	97.9	0.0629	
184	1... 13C-PCB-77	1.11e6	0.81	NO	0.969	1.000	39.66	39.66	1.081	1.081	NO	95.64	95.6	0.0641	
185	1... 13C-PCB-104	6.54e5	1.64	NO	1.02	1.000	32.46	32.44	0.827	0.826	NO	101.2	101	0.0427	
186	1... 13C-PCB-95	5.21e5	1.64	NO	0.805	1.000	35.71	35.71	0.910	0.910	NO	101.9	102	0.0540	
187	1... 13C-PCB-101	5.09e5	1.59	NO	0.793	1.000	37.46	37.46	0.954	0.955	NO	101.1	101	0.0548	
188	1... 13C-PCB-97	4.45e5	1.65	NO	0.696	1.000	38.80	38.80	0.989	0.989	NO	100.6	101	0.0624	
189	1... 13C-PCB-123	5.74e5	1.62	NO	0.933	1.000	41.44	41.44	1.056	1.056	NO	96.93	96.9	0.0466	
190	1... 13C-PCB-118	6.07e5	1.63	NO	0.986	1.000	41.63	41.63	1.061	1.061	NO	97.02	97.0	0.0441	
191	1... 13C-PCB-114	1.13e6	1.60	NO	1.55	1.000	42.30	42.31	0.908	0.908	NO	110.6	111	0.0446	
192	1... 13C-PCB-105	1.13e6	1.57	NO	1.57	1.000	43.19	43.19	0.927	0.927	NO	108.7	109	0.0439	
193	1... 13C-PCB-127	1.17e6	1.58	NO	1.62	1.000	43.55	43.56	0.934	0.935	NO	109.1	109	0.0425	
194	1... 13C-PCB-126	1.07e6	1.59	NO	1.57	1.000	45.51	45.51	0.976	0.976	NO	103.2	103	0.0440	
195	1... 13C-PCB-155	3.35e5	1.27	NO	0.615	1.000	36.98	36.98	0.942	0.942	NO	85.77	85.8	0.0260	
196	1... 13C-PCB-153	8.93e5	1.28	NO	1.36	1.000	43.36	43.37	0.930	0.930	NO	99.01	99.0	0.0646	
197	1... 13C-PCB-141	7.49e5	1.30	NO	1.13	1.000	44.13	44.12	0.947	0.947	NO	100.5	101	0.0782	
198	1... 13C-PCB-138	7.60e5	1.29	NO	1.18	1.000	44.99	44.99	0.965	0.965	NO	97.04	97.0	0.0745	
199	1... 13C-PCB-159	9.24e5	1.28	NO	1.44	1.000	46.32	46.32	0.994	0.994	NO	97.15	97.1	0.0613	
200	2... 13C-PCB-167	9.27e5	1.28	NO	1.44	1.000	47.02	47.02	1.009	1.009	NO	97.40	97.4	0.0613	
201	2... 13C-PCB-156	9.00e5	1.28	NO	1.40	1.000	48.34	48.37	1.037	1.038	NO	97.52	97.5	0.0632	
202	2... 13C-PCB-157	8.91e5	1.28	NO	1.40	1.000	48.63	48.63	1.043	1.043	NO	96.50	96.5	0.0632	
203	2... 13C-PCB-169	8.59e5	1.28	NO	1.33	1.000	50.91	50.91	1.092	1.092	NO	97.73	97.7	0.0663	
204	2... 13C-PCB-188	6.23e5	0.44	NO	1.41	1.000	42.98	42.99	0.926	0.926	NO	100.6	101	0.0499	
205	2... 13C-PCB-180	4.10e5	0.46	NO	0.929	1.000	49.67	49.69	1.070	1.071	NO	100.5	101	0.0757	
206	2... 13C-PCB-170	3.52e5	0.46	NO	0.794	1.000	51.35	51.36	1.106	1.107	NO	101.0	101	0.0885	
207	2... 13C-PCB-189	4.62e5	0.46	NO	1.04	1.000	53.09	53.08	1.144	1.144	NO	100.7	101	0.0673	
208	2... 13C-PCB-202	3.88e5	0.92	NO	1.04	1.000	48.57	48.58	1.046	1.046	NO	85.39	85.4	0.0434	
209	2... 13C-PCB-194	6.61e5	0.91	NO	0.768	1.000	54.71	54.70	0.995	0.995	NO	93.42	93.4	0.104	
210	2... 13C-PCB-208	7.96e5	0.78	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	87.11	87.1	0.0768	
211	2... 13C-PCB-206	5.59e5	0.79	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	109.9	110	0.138	
212	2... 13C-PCB-209	5.01e5	1.19	NO	0.396	1.000	57.48	57.47	1.046	1.046	NO	137.0	137	0.0183	

P-MSA

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.01e6	1.58	NO	1.00	1.000	25.51	25.53	1.000	0.000	NO	100.0	100	0.0224	
214	2... 13C-PCB-31	1.78e6	1.03	NO	1.00	1.000	28.64	28.66	1.000	0.000	NO	100.0	100	0.289	
215	2... 13C-PCB-60	1.20e6	0.79	NO	1.00	1.000	36.66	36.68	1.000	0.000	NO	100.0	100	0.0621	
216	2... 13C-PCB-111	6.35e5	1.62	NO	1.00	1.000	39.23	39.25	1.000	0.000	NO	100.0	100	0.0435	
217	2... 13C-PCB-128	6.61e5	1.25	NO	1.00	1.000	46.59	46.60	1.000	0.000	NO	100.0	100	0.0882	
218	2... 13C-PCB-182	4.39e5	0.46	NO	1.00	1.000	46.40	46.42	0.000	0.000	NO	100.0	100	0.0703	
219	2... 13C-PCB-205	9.22e5	0.93	NO	1.00	1.000	54.97	54.97	1.000	0.000	NO	100.0	100	0.0798	
220	2... 13C-PCB-79	1.26e6	0.80	NO	1.07	1.000	37.78	37.78	1.030	1.030	NO	98.7	98.7	0.0581	
221	2... 13C-PCB-178	4.20e5	0.46	NO	0.766	1.000	45.86	45.87	0.988	0.988	NO	83.01	83.0	0.0588	
222	2... 13C-PCB-79	1.26e6	0.80	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	100.6	101	0.0584	
223	2... 13C-PCB-178	4.20e5	0.46	NO	1.05	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.6	0.0713	

75-125  
J



Dataset: Untitled

Last Altered: Thursday, June 18, 2020 09:48:14 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 09:48:20 Pacific Daylight Time

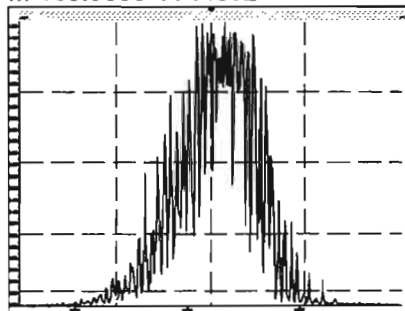
Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Compound name: PCB-1

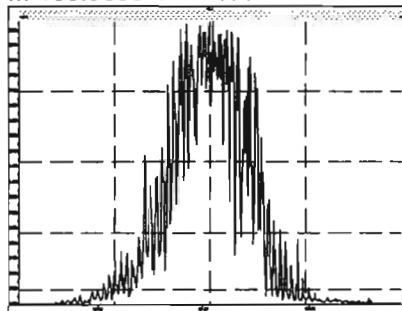
Name	ID	Acq.Date	Acq.Time
200617K2_1	SOLVENT BLANK	18-Jun-20	00:33:44
200617K2_2	ST200617K2-1 PCB 209 CS3 19G2609	18-Jun-20	01:34:50
200617K2_3	SOLVENT BLANK	18-Jun-20	02:35:27
200617K2_4	2000962-02RE1@20X PDI-149SC-A-00-01-20...	18-Jun-20	03:34:41
200617K2_5	2000977-01RE1@10X PDI-153SC-A-00-01-20...	18-Jun-20	04:35:09
200617K2_6	2000967-01RE1@10X PDI-148SC-A-00-01-20...	18-Jun-20	05:35:36
200617K2_7	2000968-02RE1@10X PDI-163SC-A-00-01-20...	18-Jun-20	06:37:43
200617K2_8	2001154-03 PDI-174SC-A-00-01-200521 10	18-Jun-20	07:38:06
200617K2_9	2001156-01 PDI-175SC-A-00-01-200522 10	18-Jun-20	08:37:21

Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

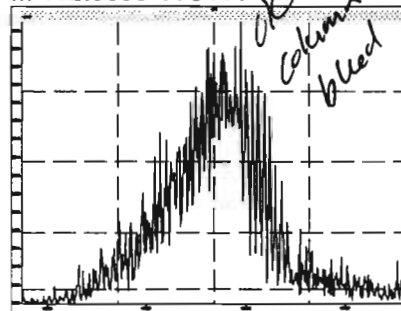
M 168.9888 R 14592



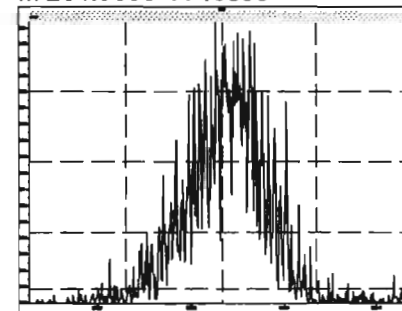
M 180.9888 R 14677



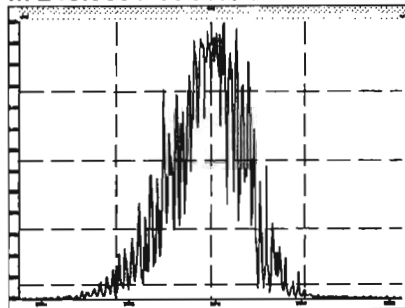
M 192.9888 R 8411



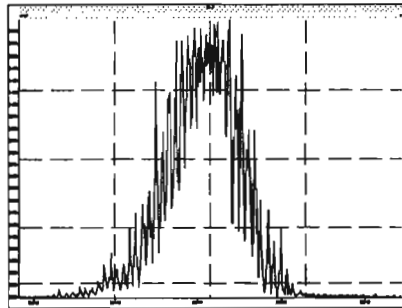
M 204.9888 R 16808



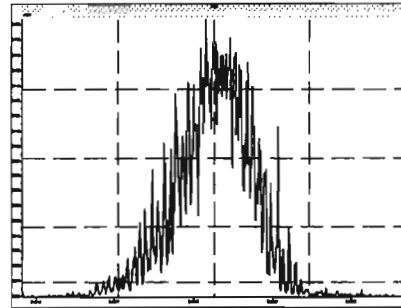
M 218.9856 R 14374



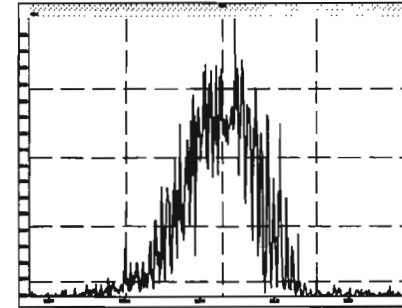
M 230.9856 R 14622



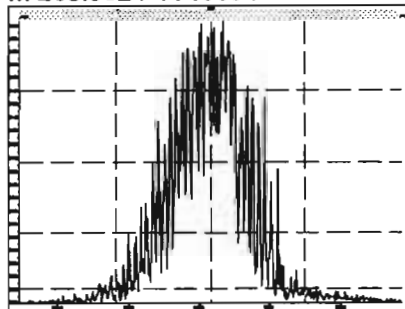
M 242.9856 R 13420



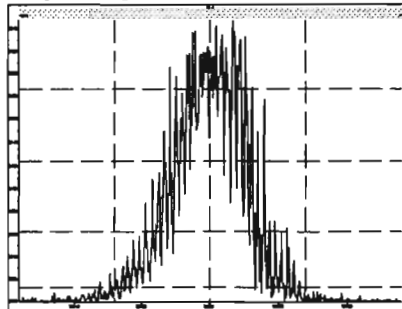
M 254.9856 R 15603



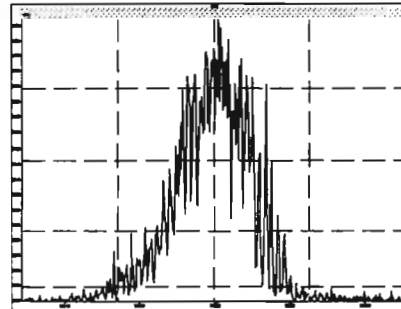
M 268.9824 R 13354



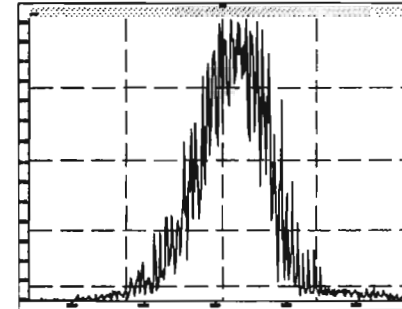
M 280.9824 R 15630



M 254.9856 R 14045

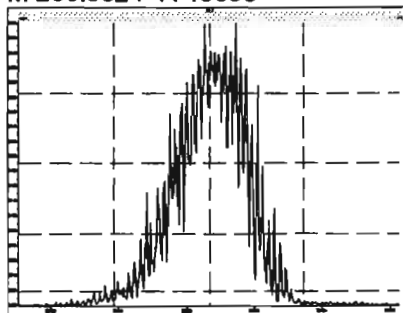


M 268.9824 R 13624

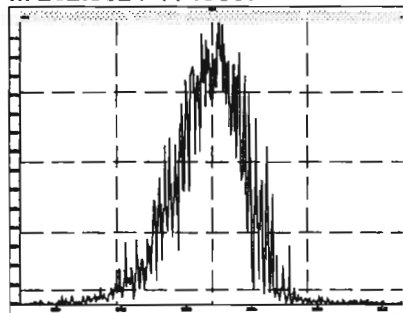


Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

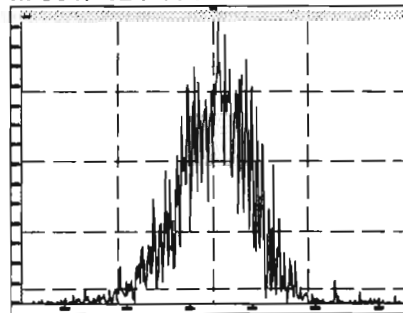
M 280.9824 R 13858



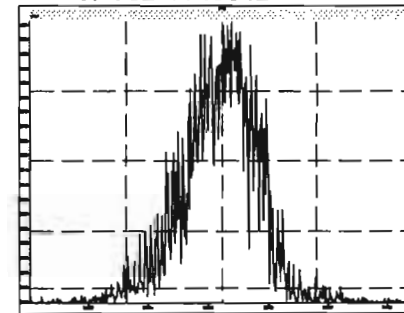
M 292.9824 R 15307



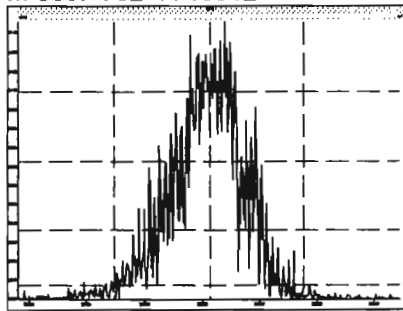
M 304.9824 R 15073



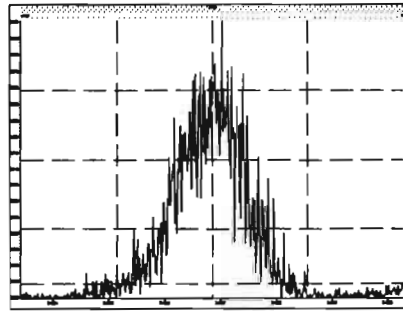
M 318.9792 R 15542



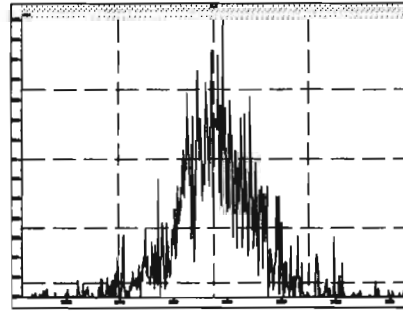
M 330.9792 R 13512



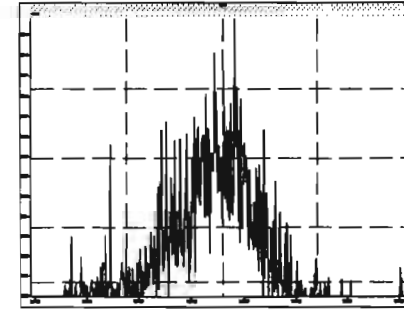
M 342.9792 R 14258



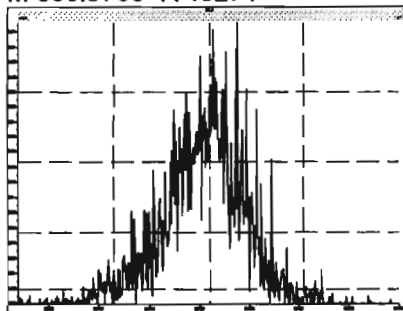
M 354.9792 R 18193



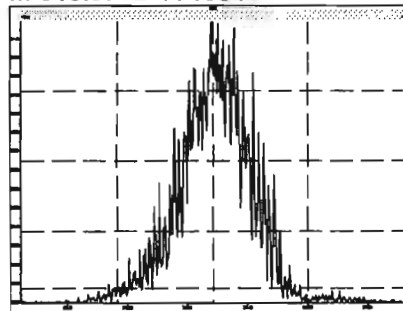
M 366.9792 R 22500



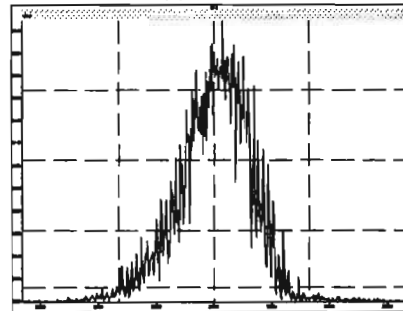
M 380.9760 R 15271



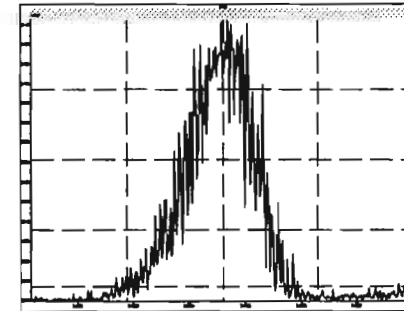
M 318.9792 R 13540



M 330.9792 R 13440

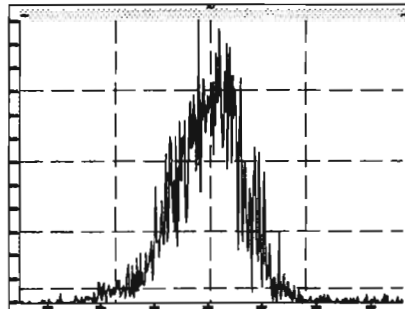


M 342.9792 R 14031

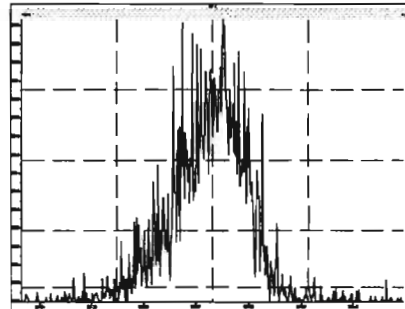


Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

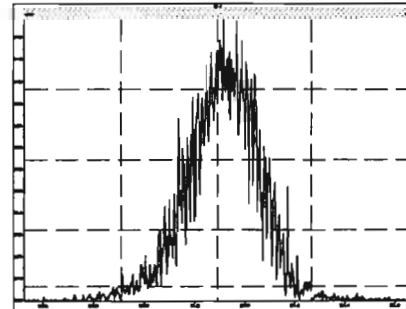
M 354.9792 R 15008



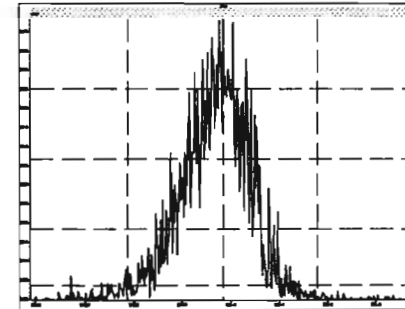
M 366.9792 R 14044



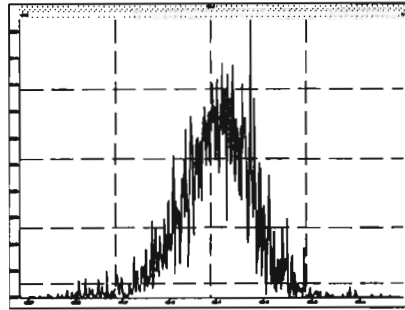
M 380.9760 R 13721



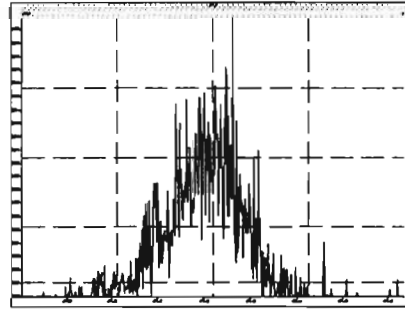
M 392.9760 R 16001



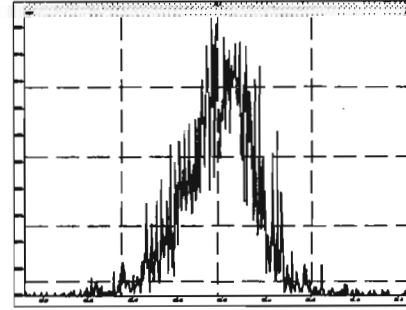
M 404.9760 R 16726



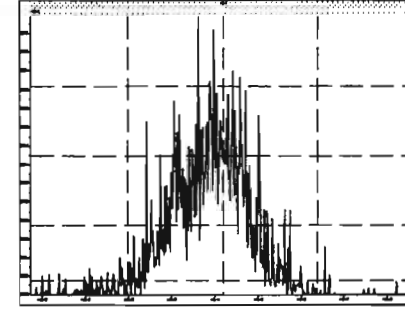
M 416.9760 R 17993



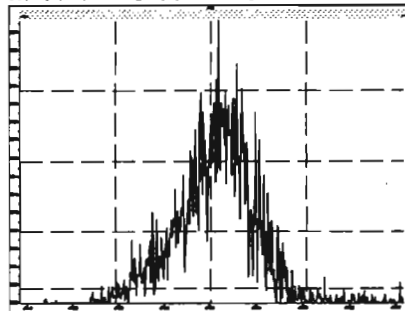
M 430.9728 R 14770



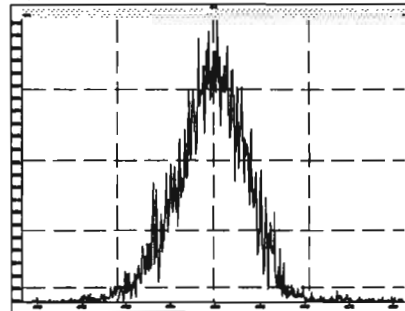
M 442.9728 R 17410



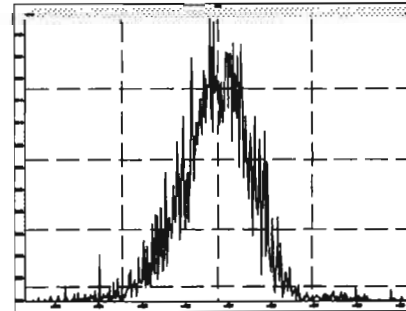
M 416.9760 R 14748



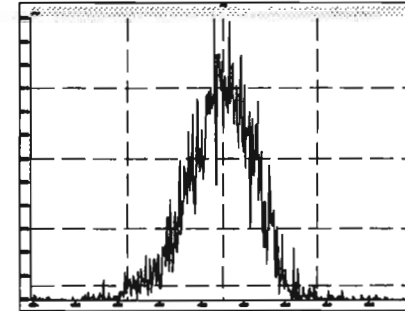
M 430.9728 R 13557



M 442.9728 R 13737

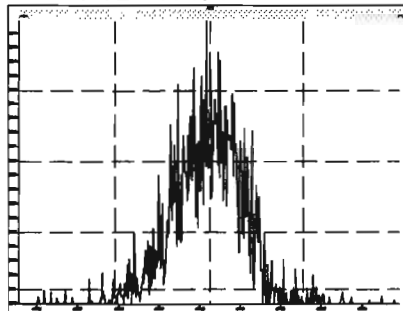


M 454.9728 R 14352

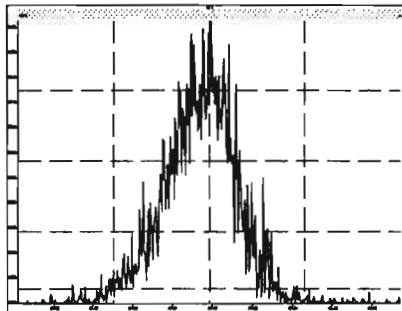


Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

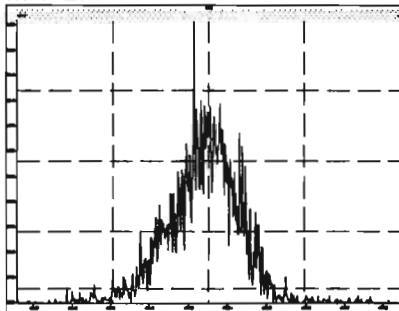
M 466.9728 R 17446



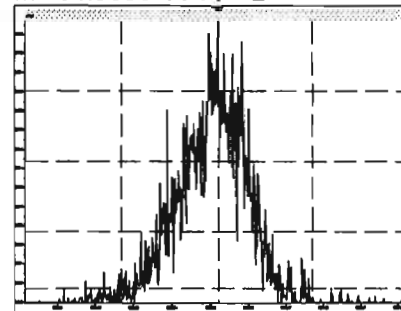
M 480.9696 R 13940



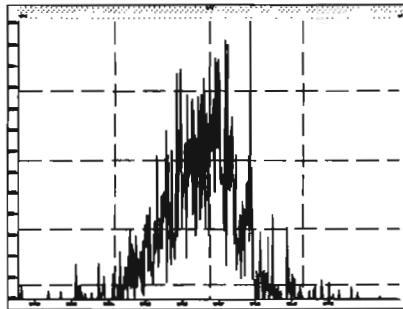
M 492.9696 R 15021



M 504.9696 R 14962



M 516.9697 R 16672



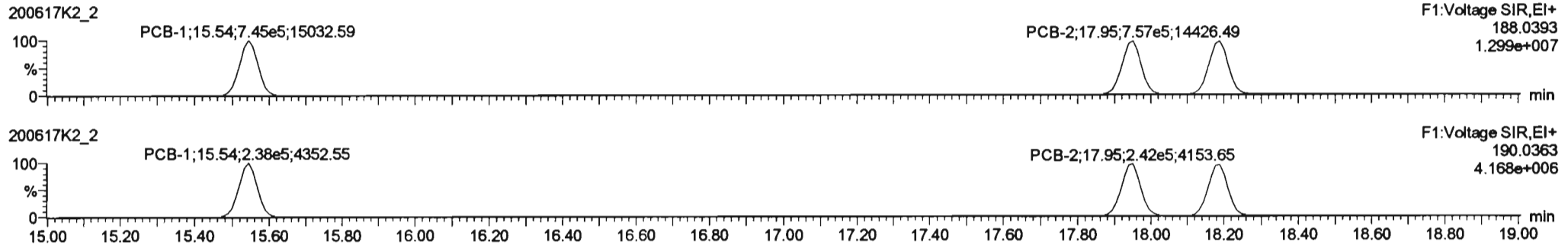
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

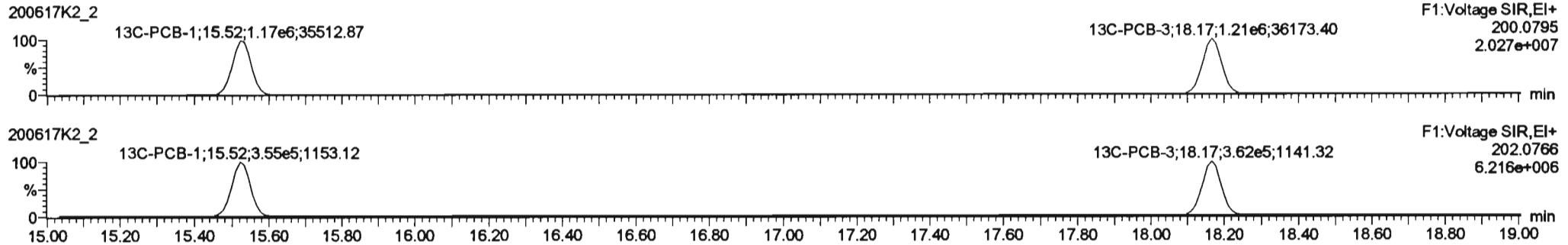
Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-13-20.mdb 14 Jun 2020 13:31:38  
Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

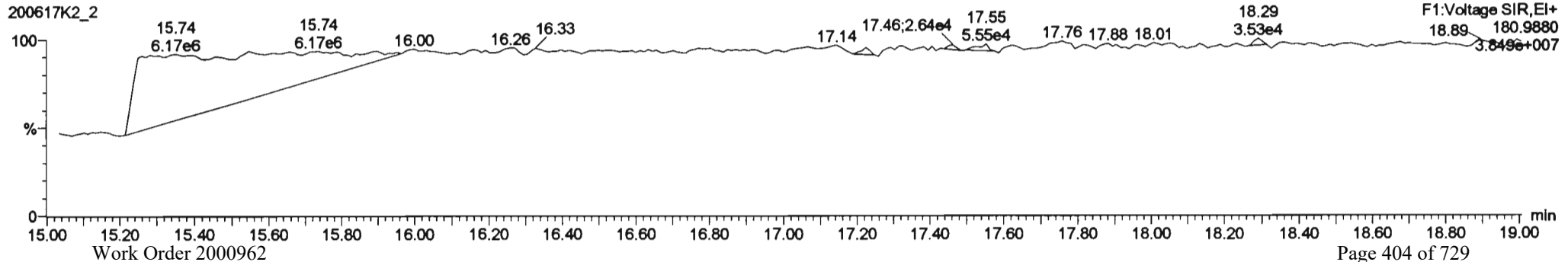
**PCB-1**



**13C-PCB-1**



**PFK1**





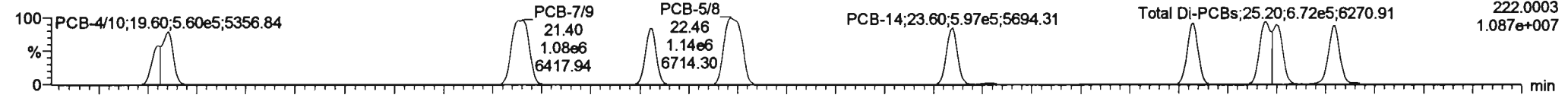
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

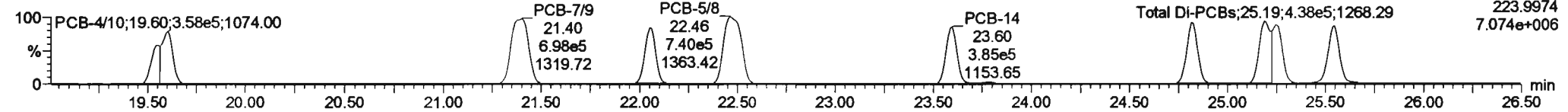
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-4/10**

200617K2\_2

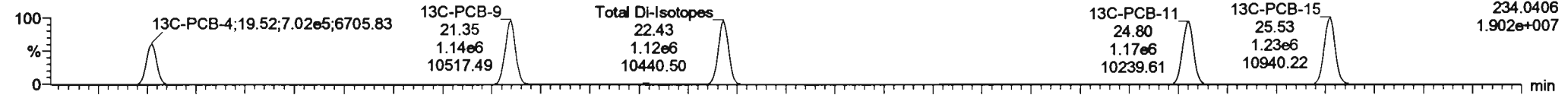


200617K2\_2

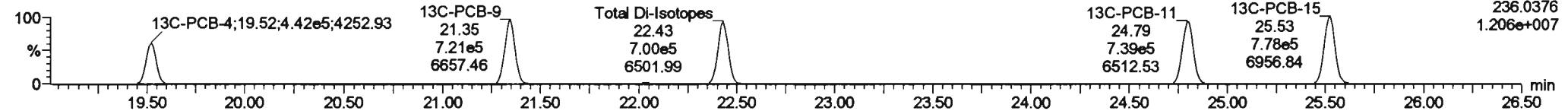


**13C-PCB-4**

200617K2\_2

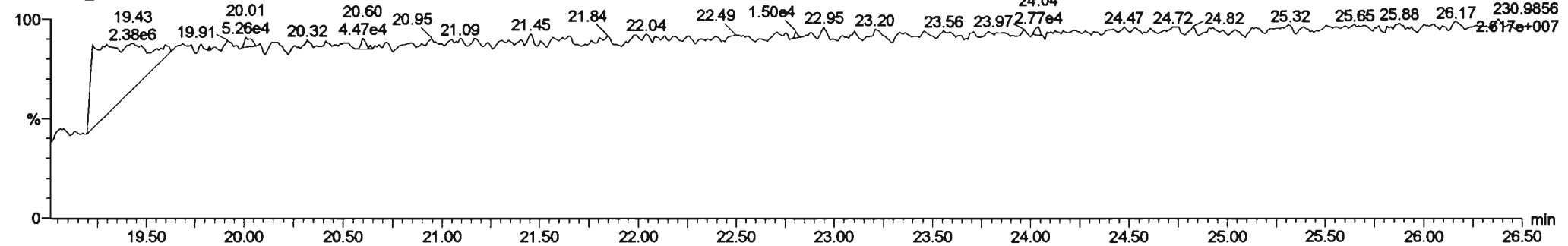


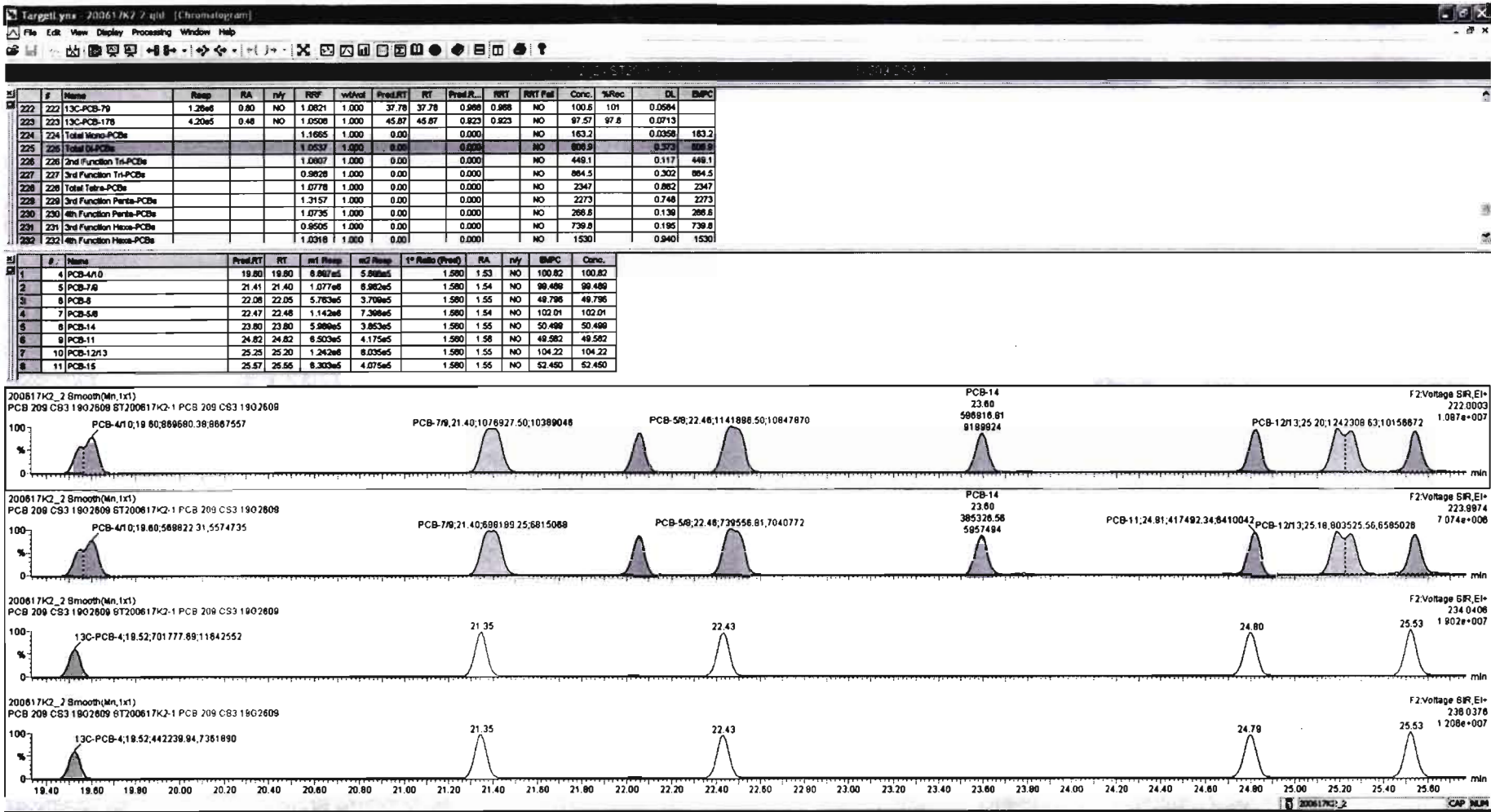
200617K2\_2



**PFK2a**

200617K2\_2



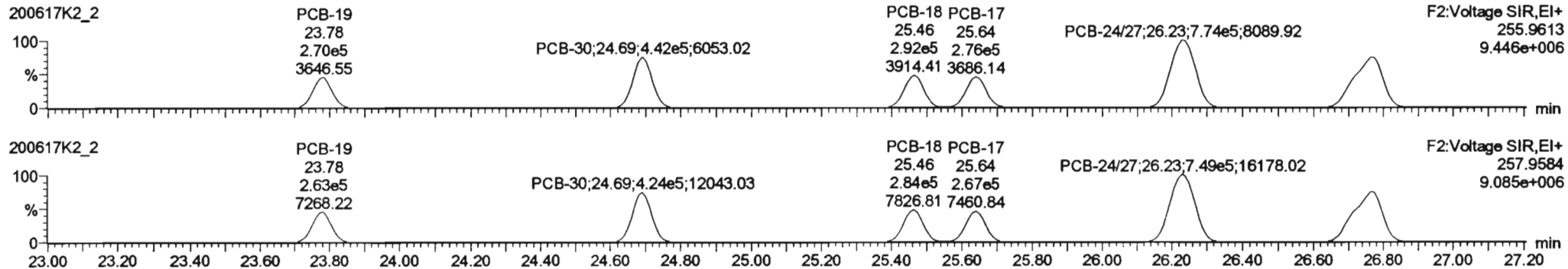


Dataset: Untitled

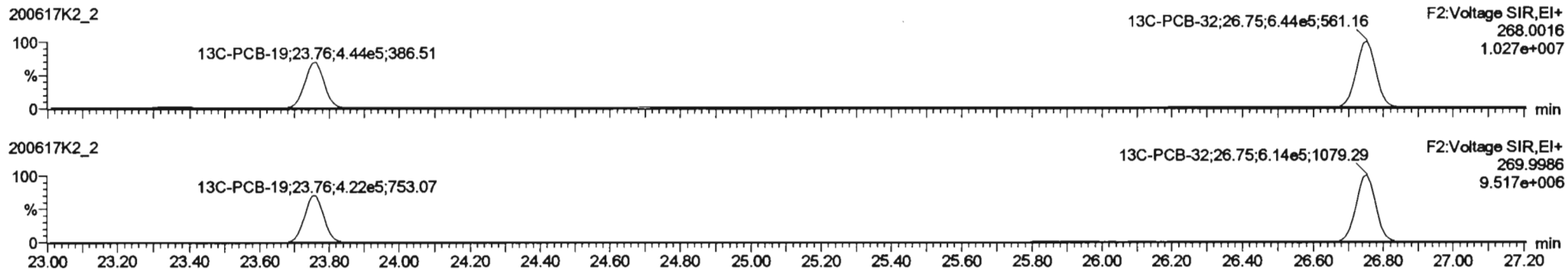
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

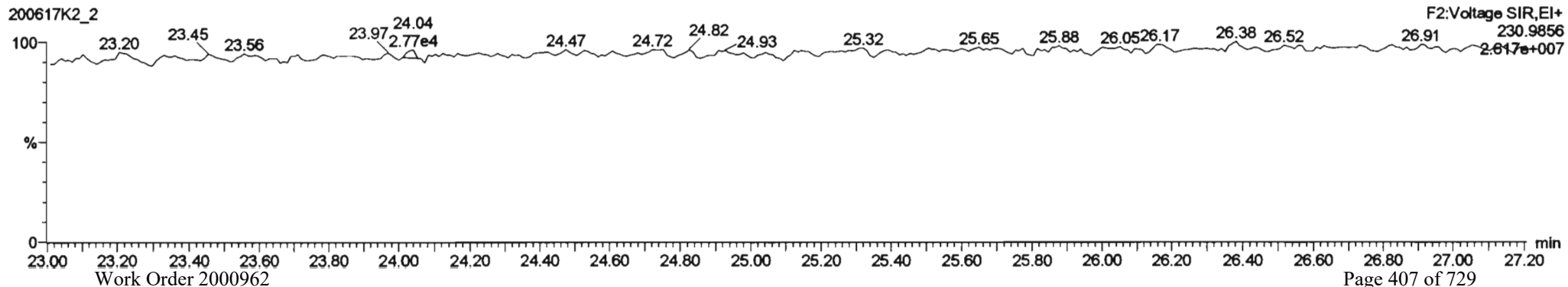
**PCB-19**



**13C-PCB-19**



**PFK2b**

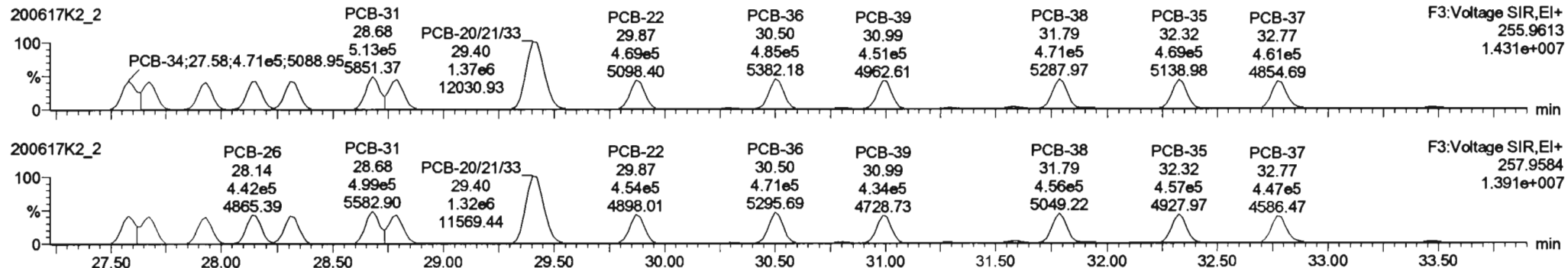


Dataset: Untitled

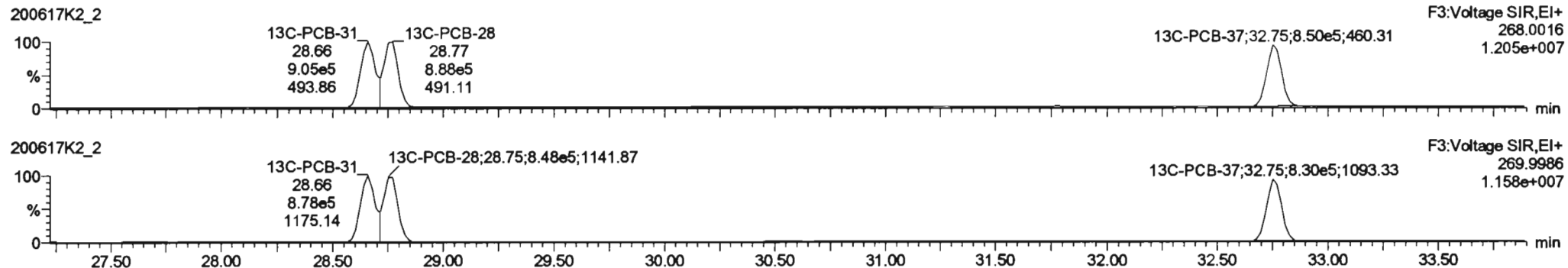
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

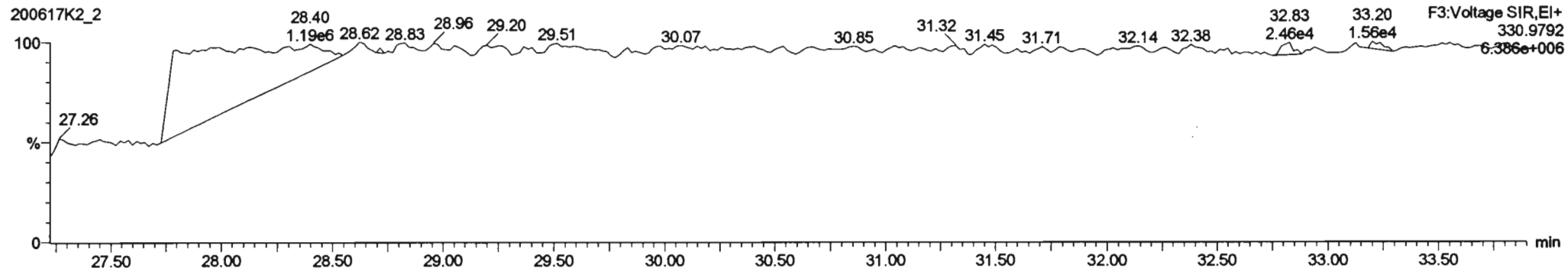
**PCB-34**

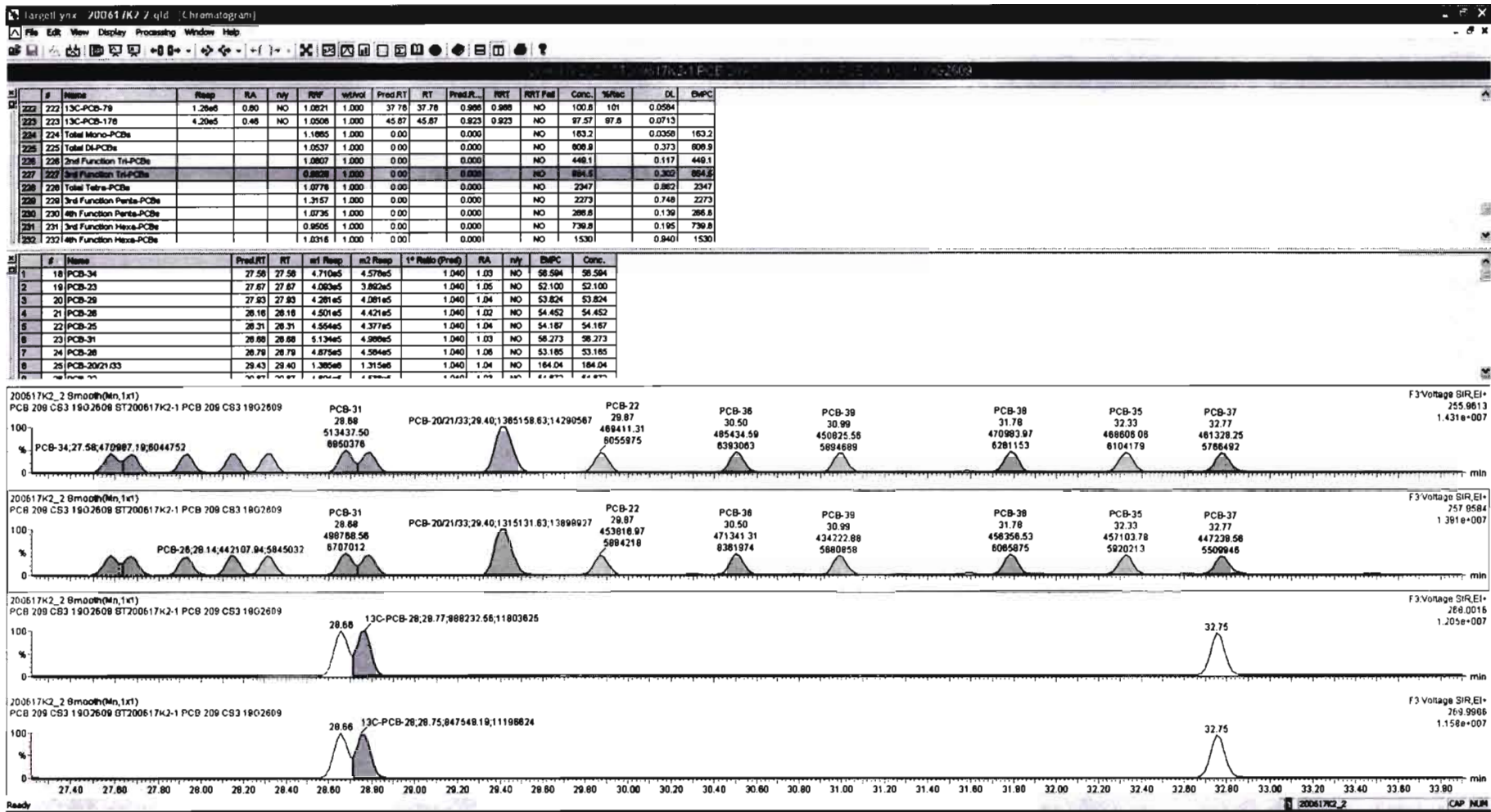


**13C-PCB-28**



**PFK3d**



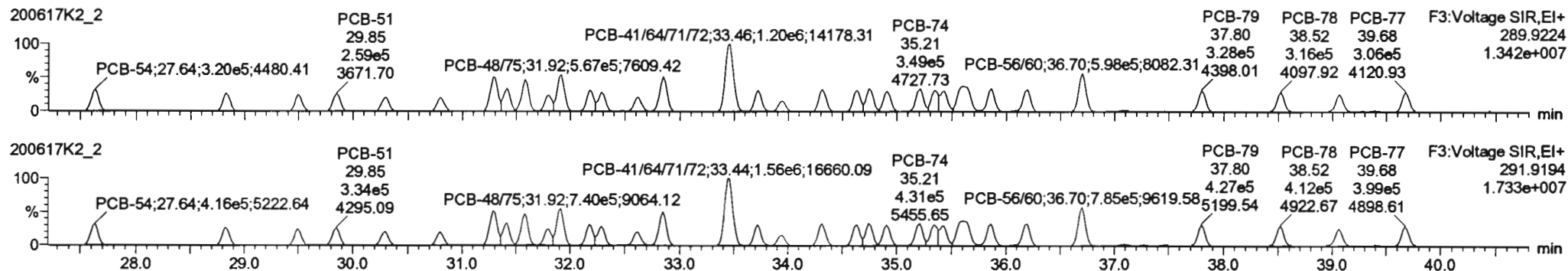


Dataset: Untitled

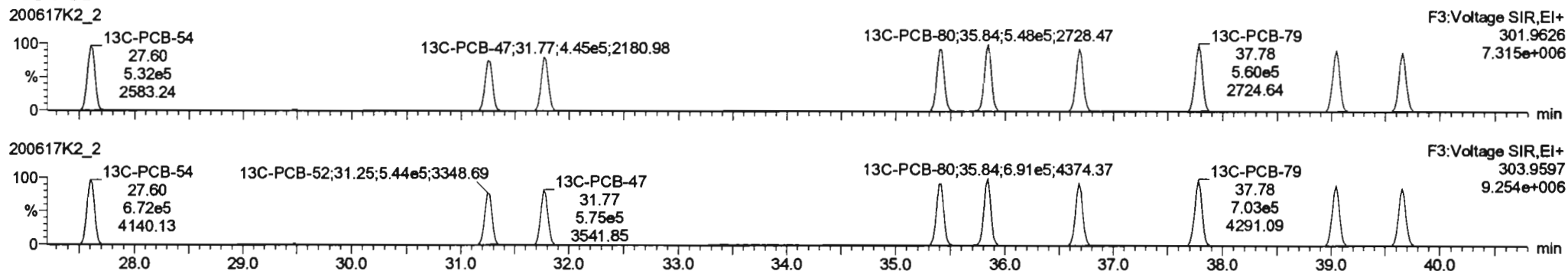
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

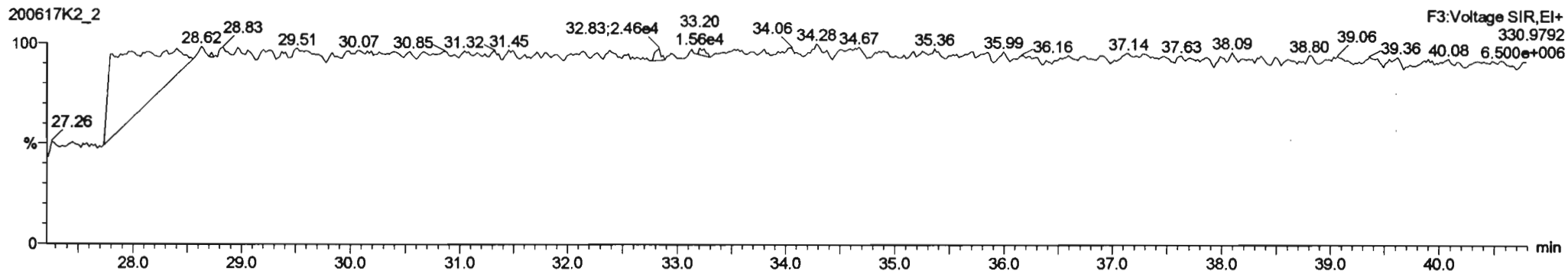
**PCB-54**



**13C-PCB-54**



**PFK3a**





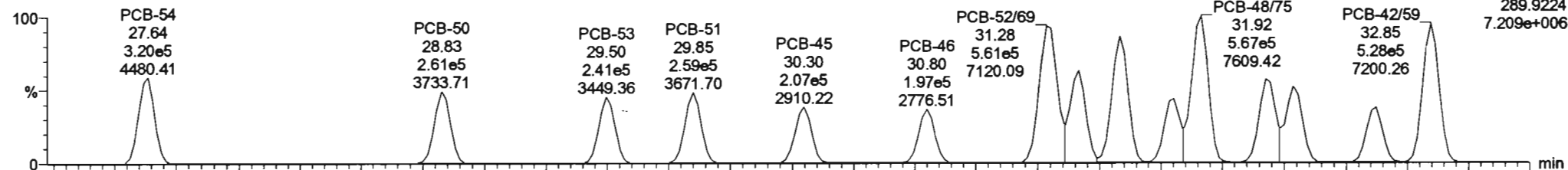
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

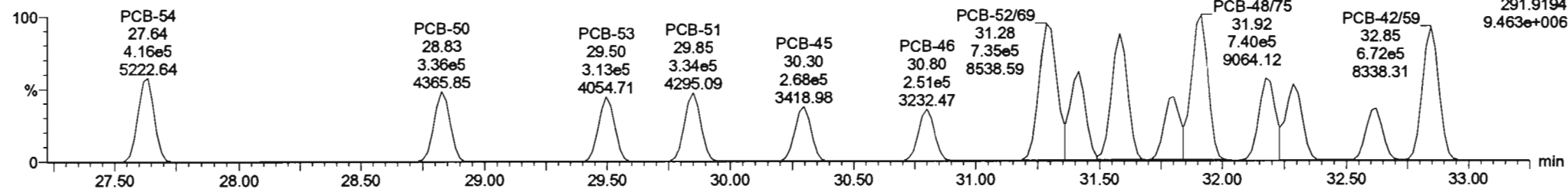
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-50**

200617K2\_2

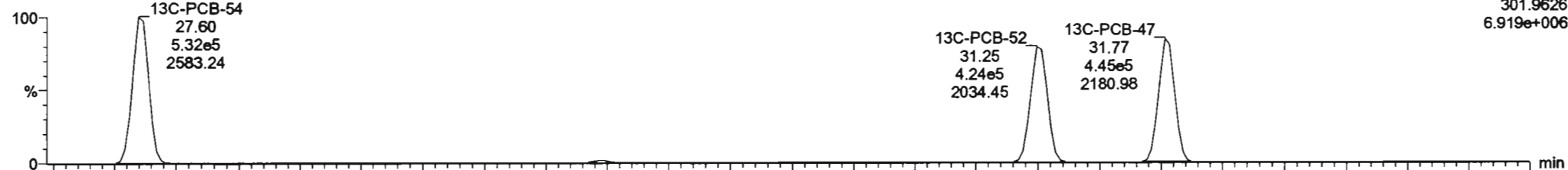


200617K2\_2

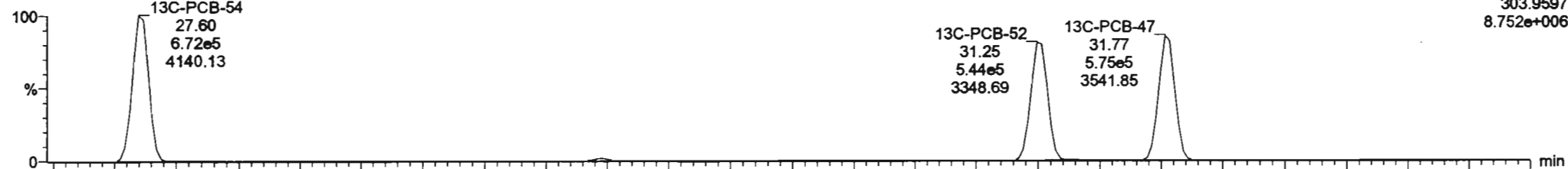


**13C-PCB-52**

200617K2\_2



200617K2\_2



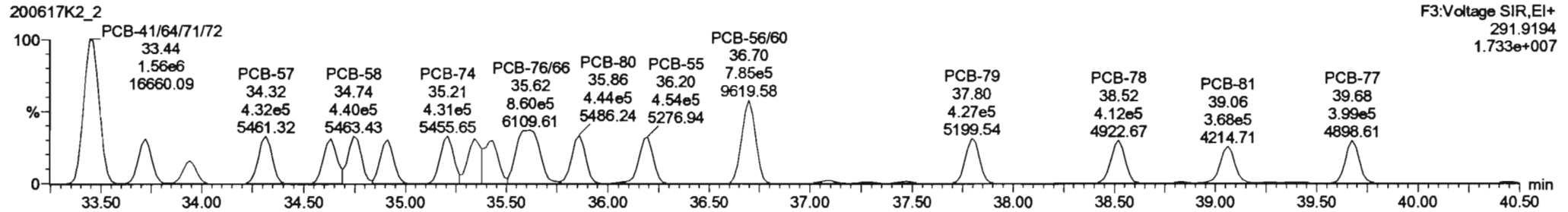
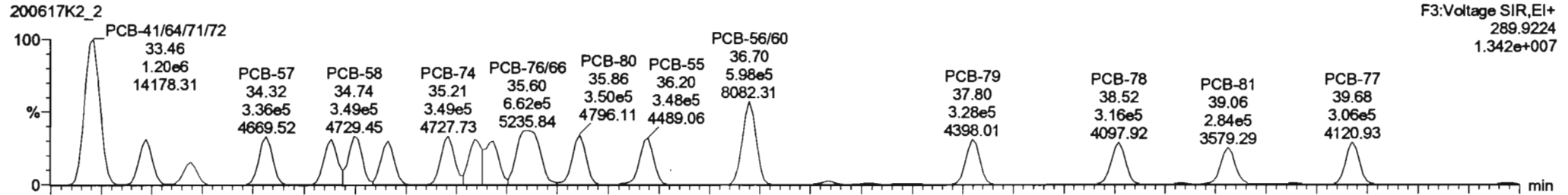
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

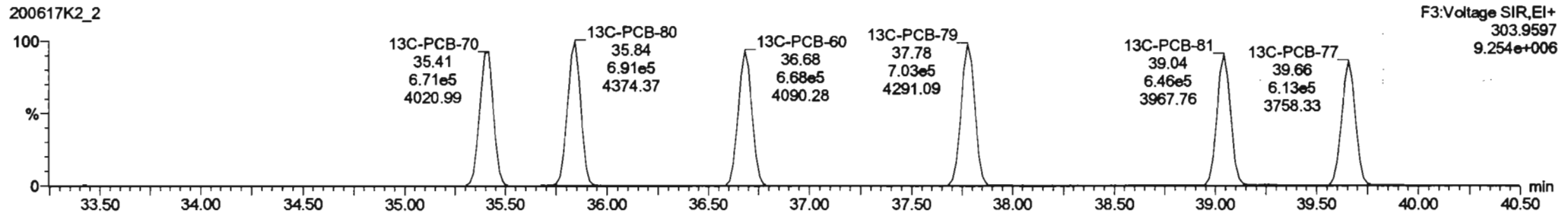
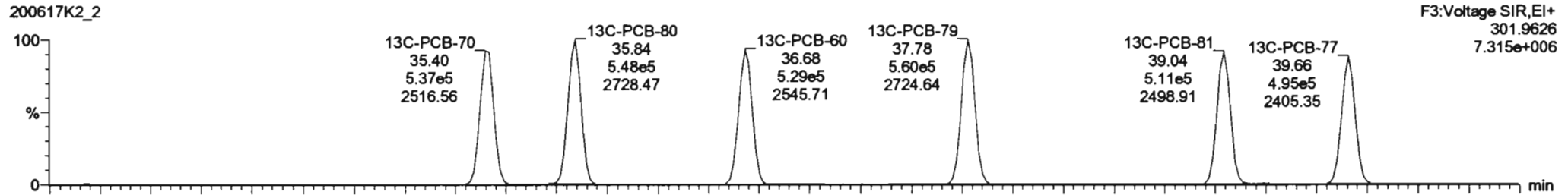
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-68**

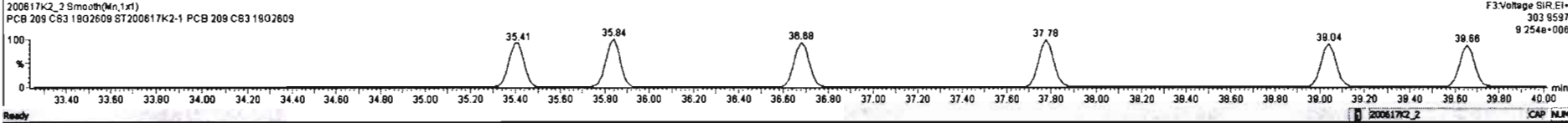
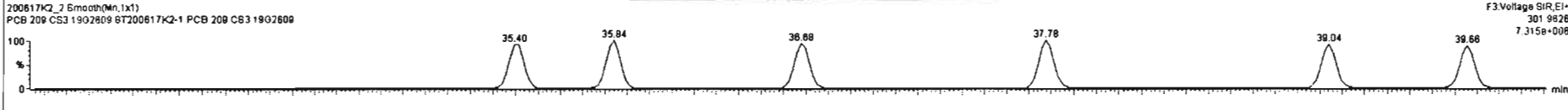
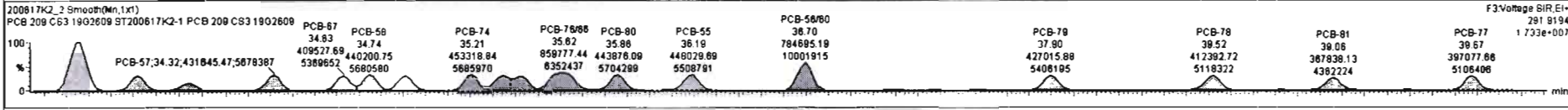
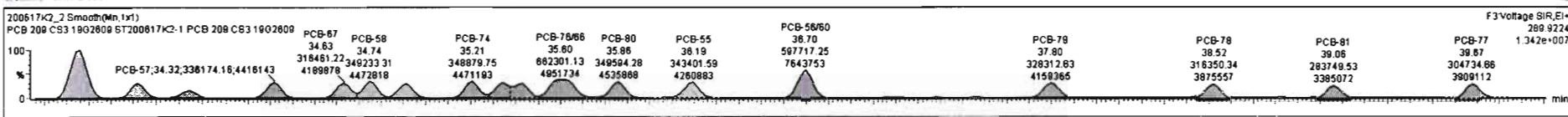


**13C-PCB-60**



#	Name	Resp	RA	rvf	RWF	wt/dtd	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	1.26e5	0.80	NO	1.0521	1.000	37.78	37.78	0.968	0.968	NO	100.8	101	0.0584	
223	13C-PCB-178	4.20e5	0.46	NO	1.0508	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.6	0.0713	
224	224 Total Mono-PCBs				1.1895	1.000	0.00	0.00	0.000	0.000	NO	163.2		0.0358	163.2
225	225 Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	608.9		0.373	608.9
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	448.1		0.117	448.1
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00	0.00	0.000	0.000	NO	864.5		0.302	864.5
228	228 Total Tetra-PCBs				1.0776	1.000	0.00	0.00	0.000	0.000	NO	2047		0.880	2047
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	2279		0.748	2279
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	266.6		0.138	266.6
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.00	0.000	0.000	NO	738.8		0.195	738.8
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00	0.00	0.000	0.000	NO	1530		0.940	1530

#	Name	Pred.RT	RT	int Resp	int2 Resp	1* Ratio (Prct)	RA	rvf	EMPC	Conc.
32	PCB-54	27.82	27.84	3.197e5	4.159e5	0.770	0.77	NO	58.582	58.582
33	PCB-50	28.81	28.83	2.811e5	3.364e5	0.770	0.78	NO	58.428	58.428
34	PCB-53	28.50	28.50	2.409e5	3.128e5	0.770	0.77	NO	57.340	57.340
35	PCB-51	29.84	29.85	2.590e5	3.343e5	0.770	0.77	NO	57.508	57.508
36	PCB-45	30.29	30.30	2.070e5	2.880e5	0.770	0.77	NO	57.134	57.134
37	PCB-46	30.78	30.80	1.887e5	2.513e5	0.770	0.78	NO	55.883	55.883
38	PCB-52/69	31.28	31.28	5.808e5	7.348e5	0.770	0.78	NO	114.88	114.88
39	PCB-73	31.40	31.41	3.384e5	4.275e5	0.770	0.79	NO	54.804	54.804

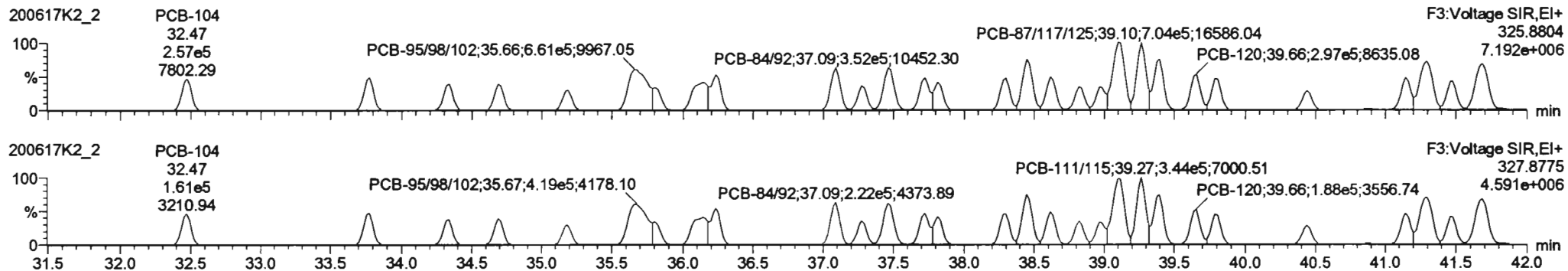


Dataset: Untitled

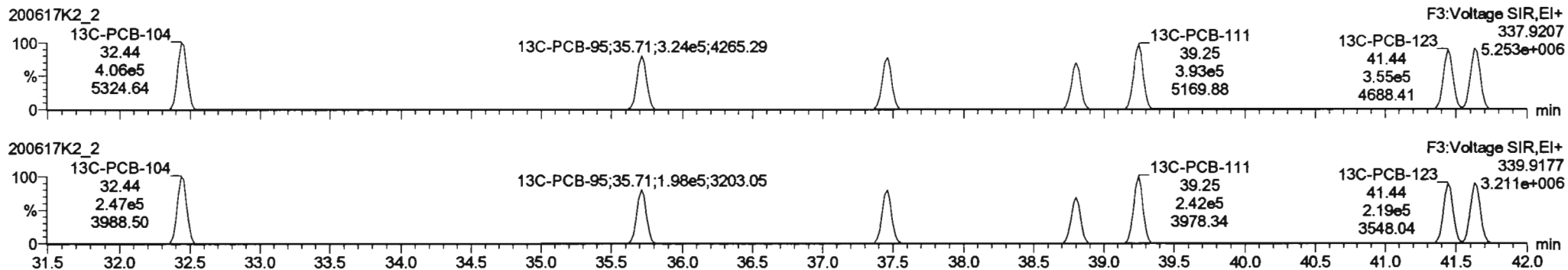
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

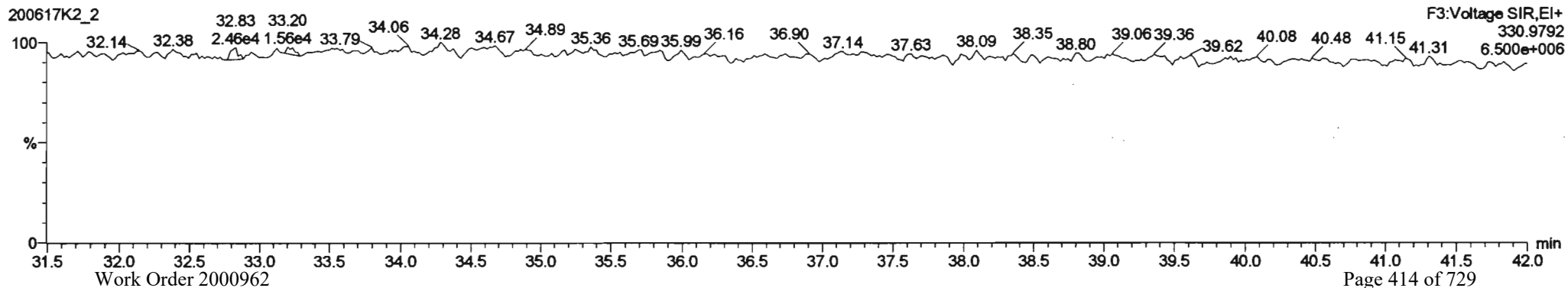
**PCB-104**



**13C-PCB-104**



**PFK3b**



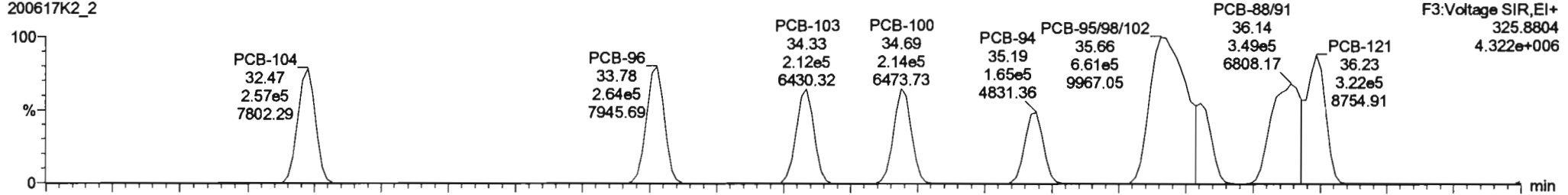
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

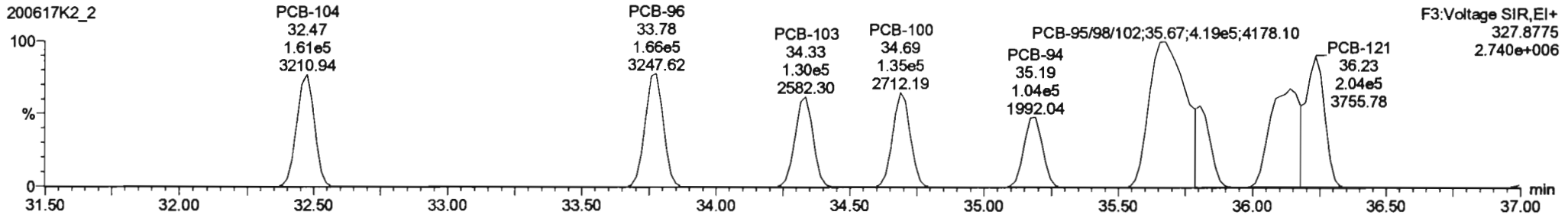
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-96**

200617K2\_2

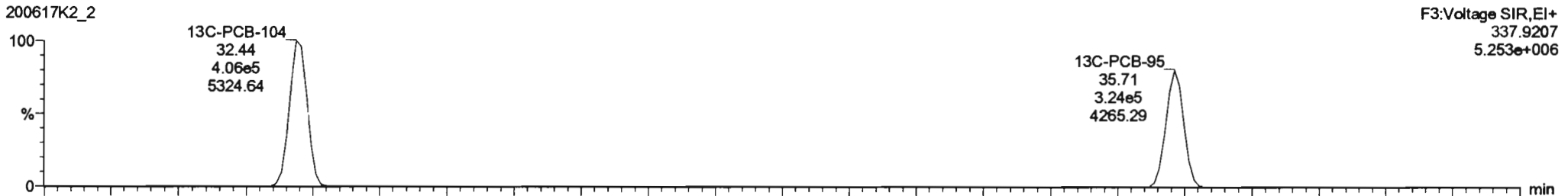


200617K2\_2

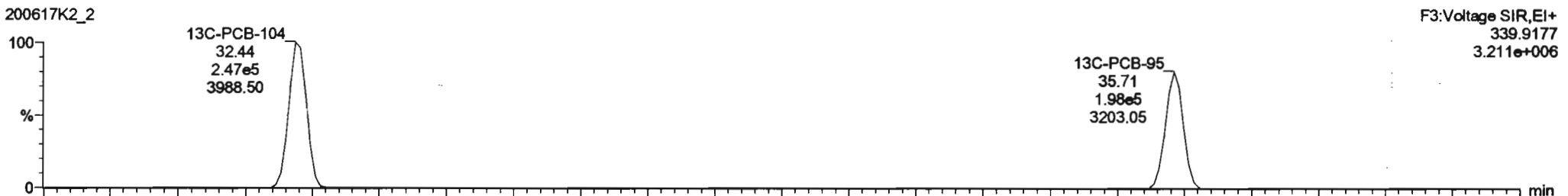


**13C-PCB-95**

200617K2\_2



200617K2\_2

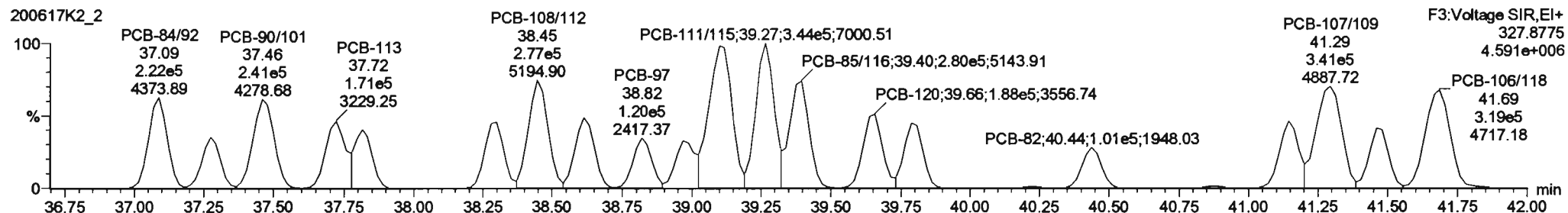
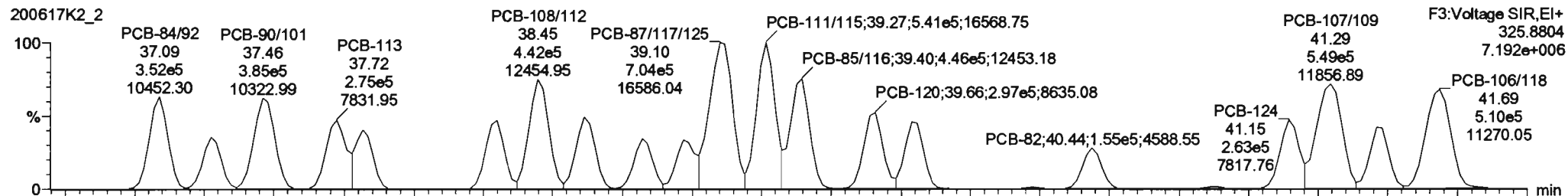


Dataset: Untitled

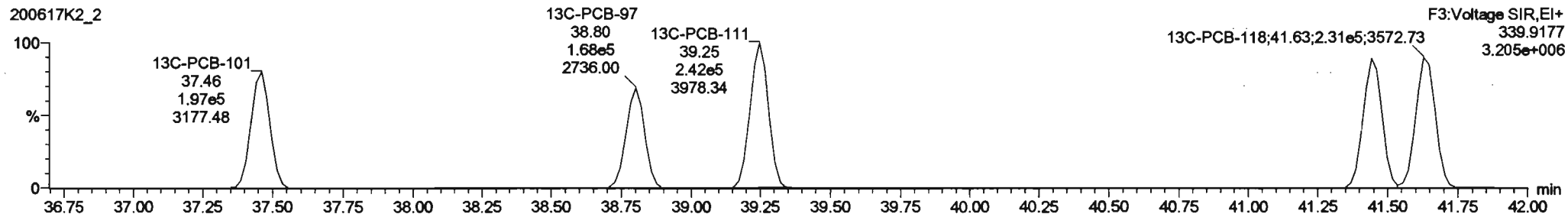
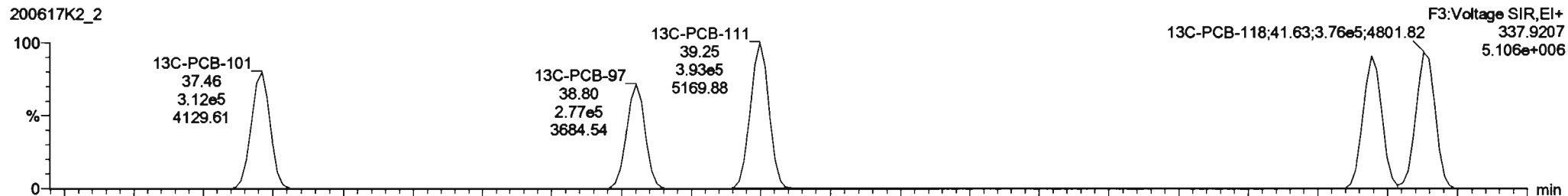
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

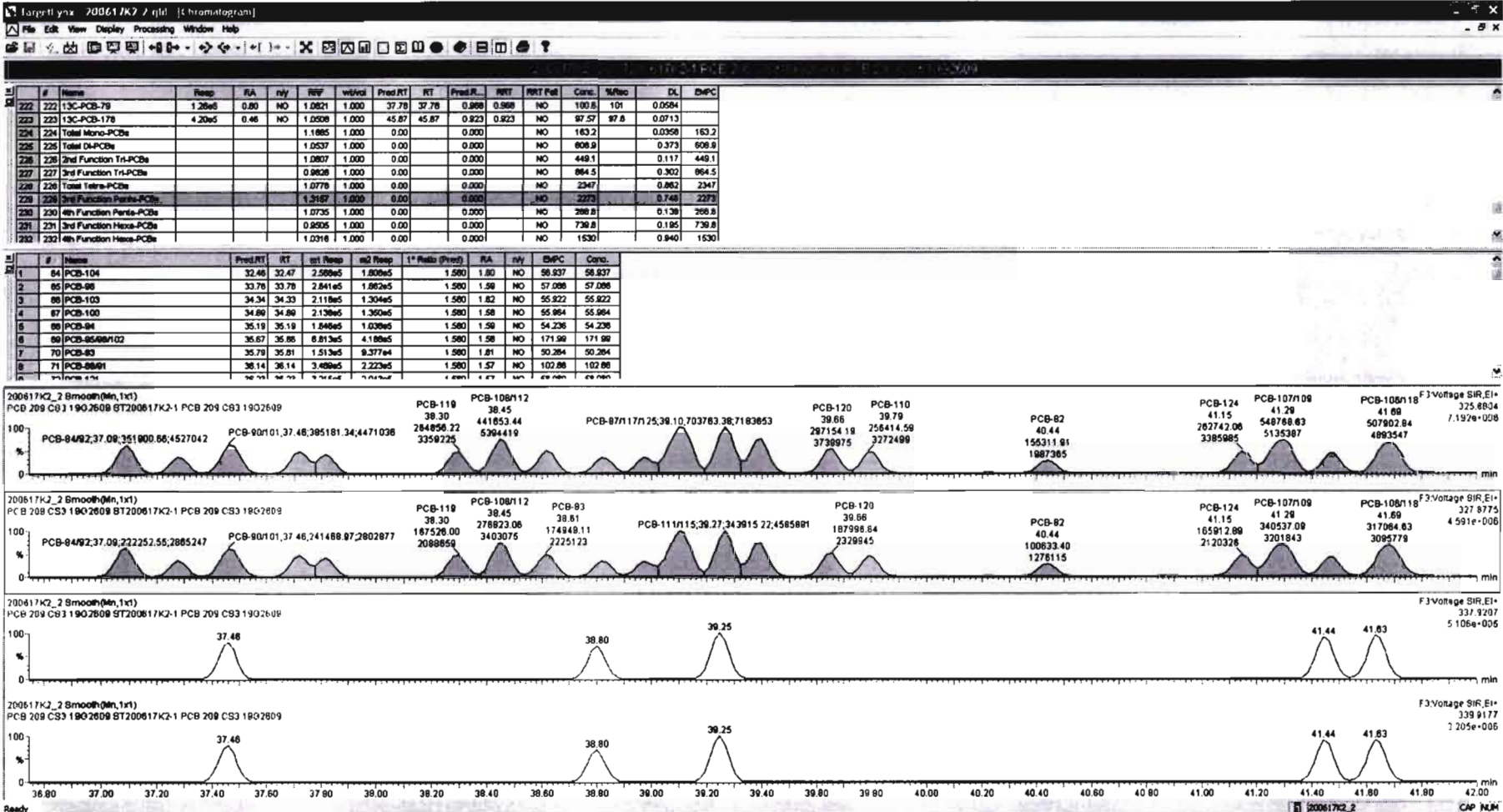
PCB-119



13C-PCB-111





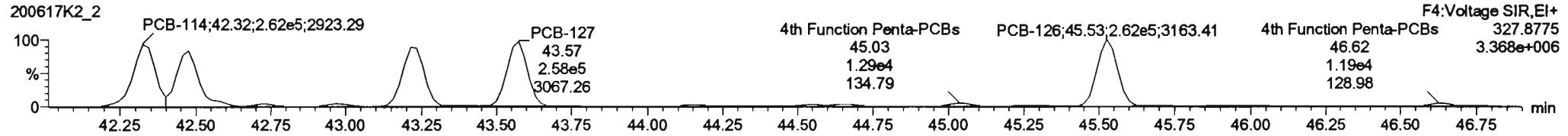
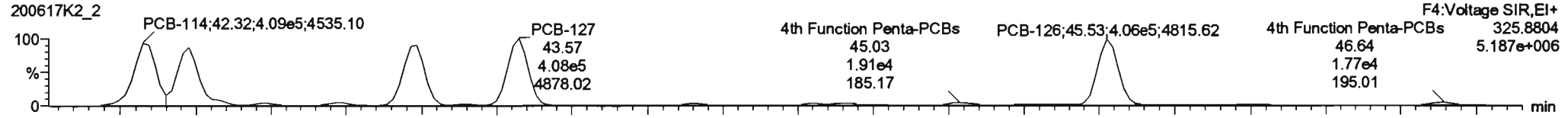


Dataset: Untitled

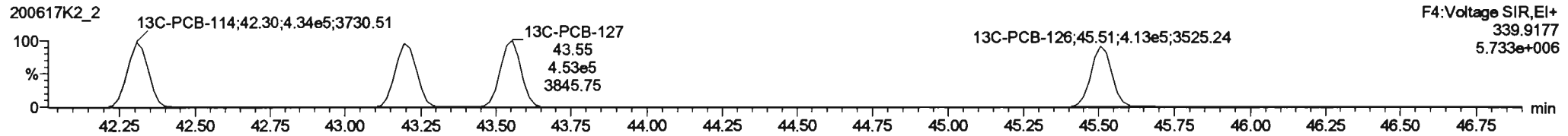
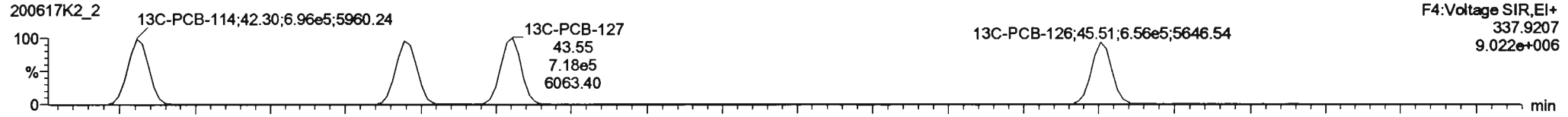
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

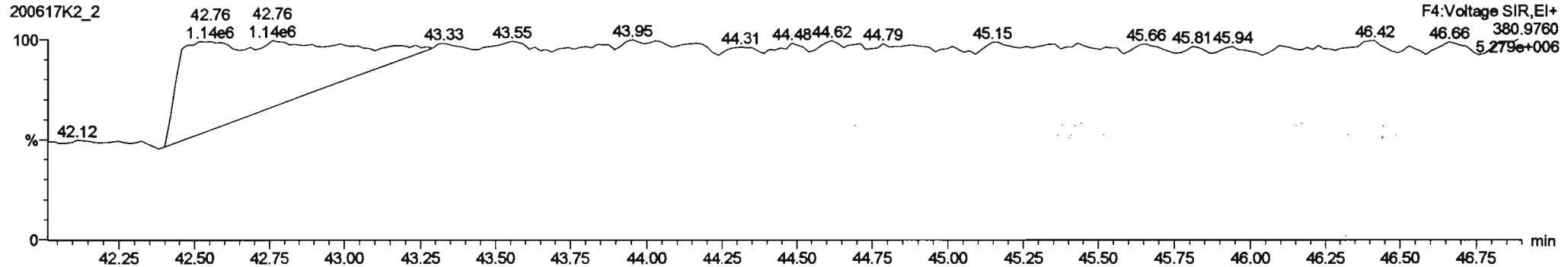
**PCB-114**



**13C-PCB-114**

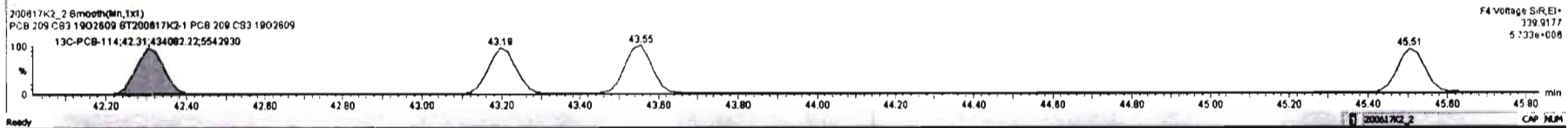
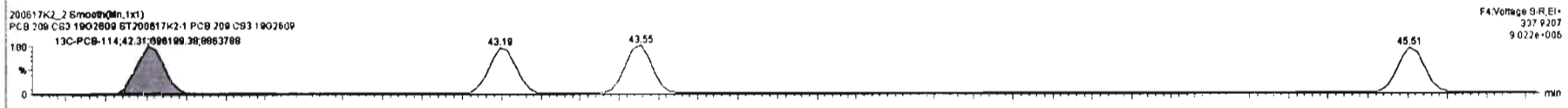
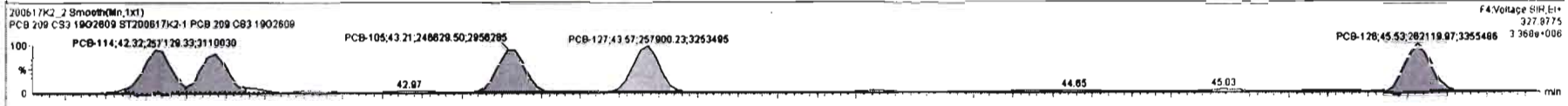
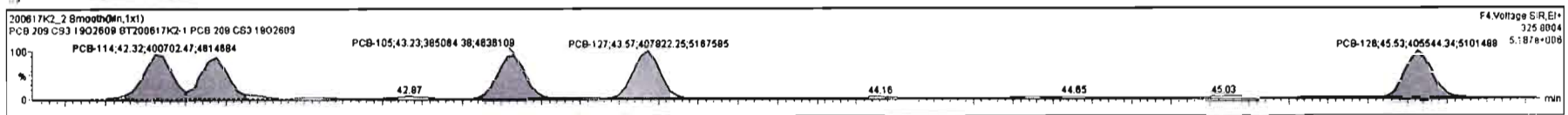


**PFK4a**



#	Name	Resp	RA	nly	RPF	wVal	Pred RT	RT	Pred R...	RRT	RRT Fall	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	1.20e5	0.80	NO	1.0821	1.000	37.78	37.78	0.988	0.988	NO	100.0	101	0.0584	
223	13C-PCB-178	4.20e5	0.48	NO	1.0508	1.000	45.87	45.87	0.823	0.823	NO	97.57	87.8	0.0713	
224	Total Mono-PCBs				1.1885	1.000	0.00	0.00	0.000	0.000	NO	183.2		0.0388	183.2
225	Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	808.9		0.373	808.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	449.1		0.117	449.1
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.00	0.000	0.000	NO	884.5		0.302	884.5
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2347		0.882	2347
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	2273		0.748	2273
230	All Hexa-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	288.8		0.138	288.8
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00	0.00	0.000	0.000	NO	738.8		0.185	738.8
232	All Function Hexa-PCBs				1.0318	1.000	0.00	0.00	0.000	0.000	NO	1530		0.940	1530

#	Name	Pred RT	RT	ret Ratio	int Ratio	1** Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.33	42.32	4.287e5	2.571e5	1.280	1.58	NO	51.001	51.001
2	94 PCB-122	42.47	42.47	3.838e5	2.282e5	1.580	1.58	NO	55.448	55.448
3	95 PCB-105	43.21	43.23	3.851e5	2.488e5	1.550	1.58	NO	53.241	53.241
4	96 PCB-127	43.57	43.57	4.078e5	2.579e5	1.580	1.58	NO	53.880	53.880
5	97 PCB-128	45.52	45.53	4.055e5	2.821e5	1.580	1.55	NO	53.262	53.262



Dataset: Untitled

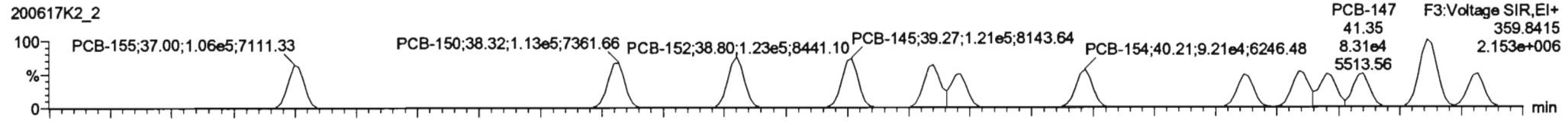
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

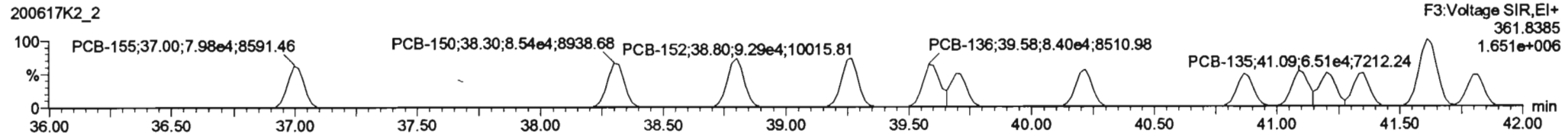
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-155**

200617K2\_2

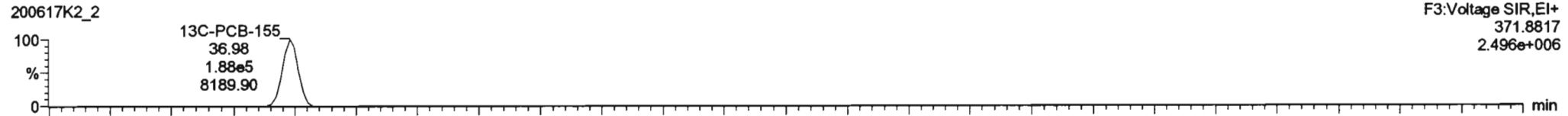


200617K2\_2

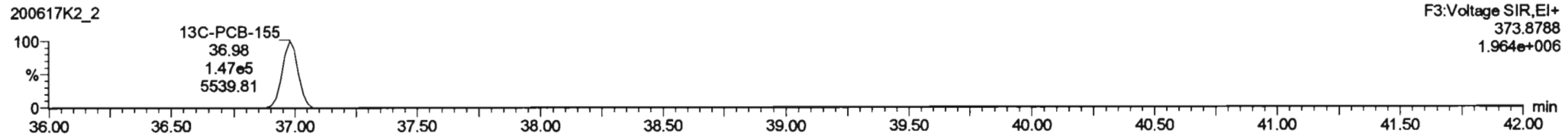


**13C-PCB-155**

200617K2\_2

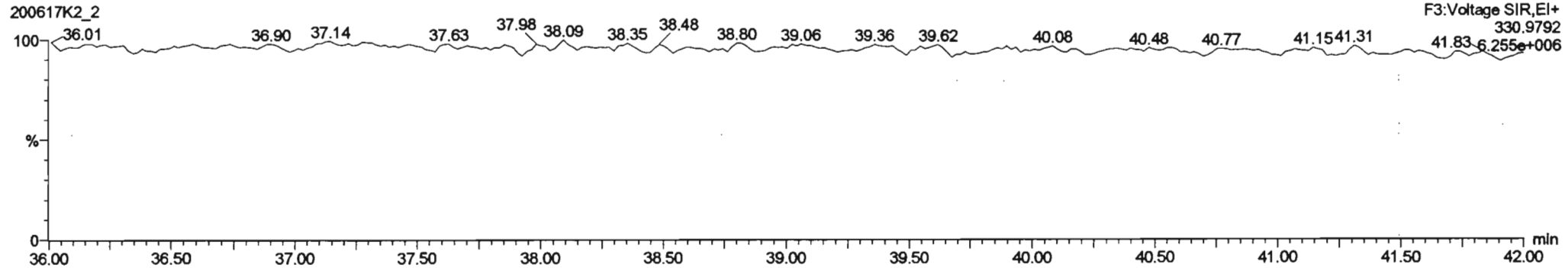


200617K2\_2



**PFK3c**

200617K2\_2

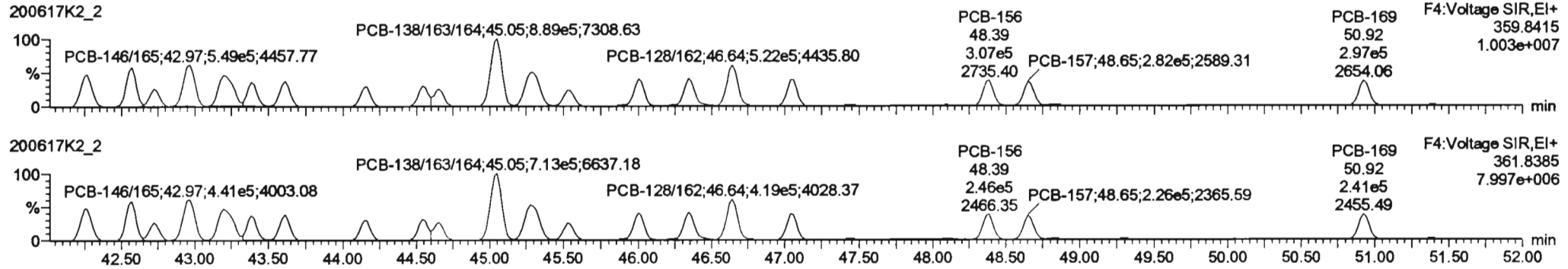


Dataset: Untitled

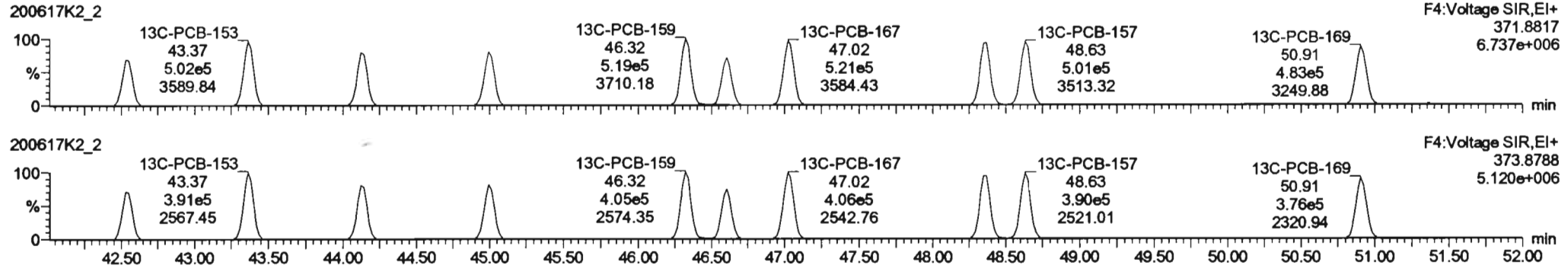
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

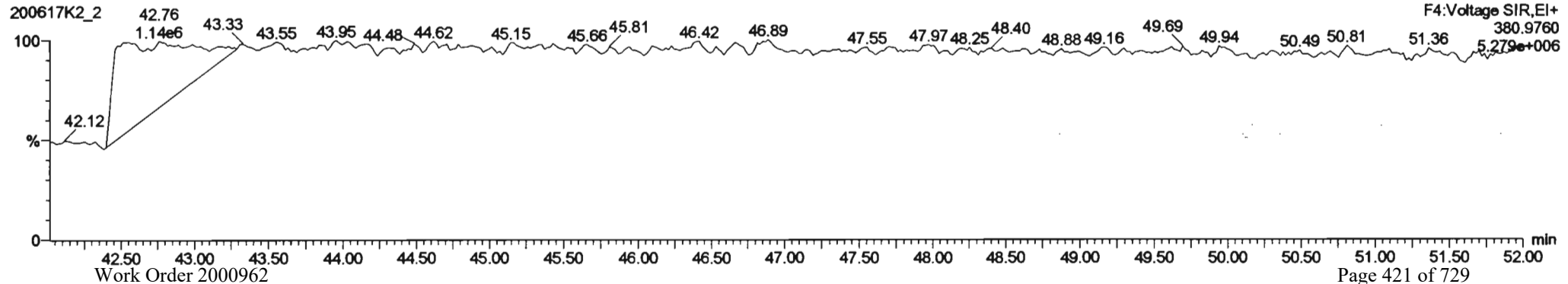
**PCB-134/143**



**13C-PCB-153**



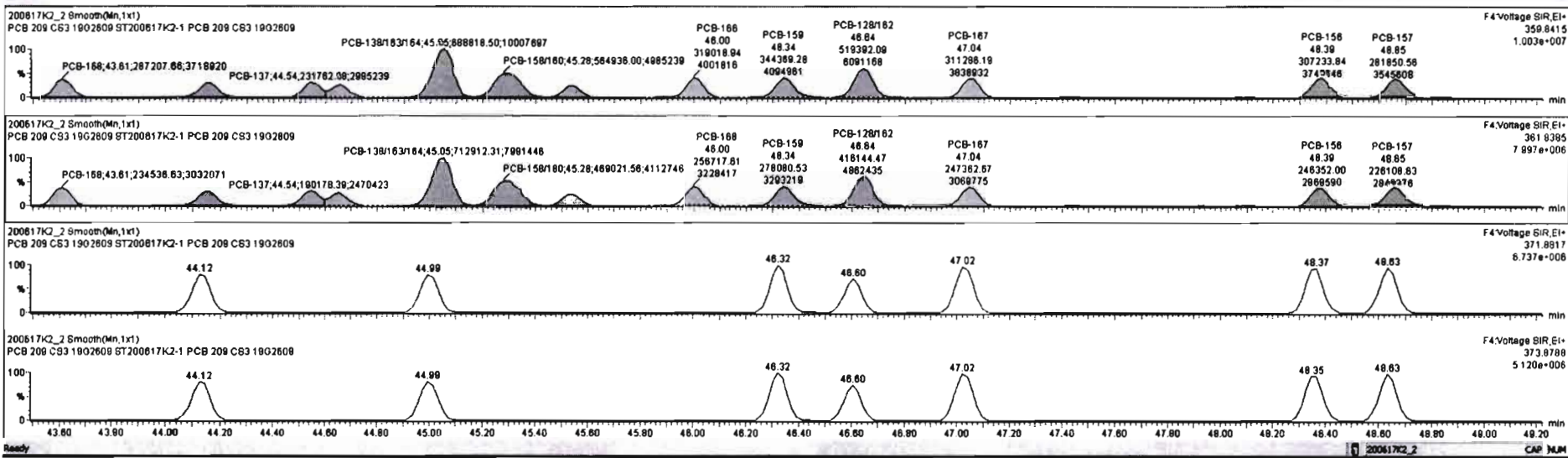
**PFK4b**





#	Name	Resp	RA	nly	RF	withd	Pred.RT	RT	Pred.RT	RF	RFI	Comp	%Area	DL	EMPC
222	13C-PCB-79	1.26e8	0.80	NO	1.0821	1.000	37.78	37.78	0.988	0.988	NO	100.8	101	0.0584	
223	13C-PCB-178	4.20e5	0.46	NO	1.0508	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.8	0.0713	
224	Total Mono-PCBs				1.1685	1.000	0.00		0.000		NO	183.2		0.0358	183.2
225	Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	808.9		0.373	808.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	448.1		0.117	448.1
227	3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	884.5		0.302	884.5
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2347		0.882	2347
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2273		0.748	2273
230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	288.8		0.136	288.8
231	3rd Function Hexa-PCBs				0.9806	1.000	0.00		0.000		NO	738.8		0.195	738.8
232	4th Function Hexa-PCBs				1.0318	1.000	0.00		0.000		NO	1530		0.840	1530

#	Name	Pred.RT	RT	int Resp	int Resp	I* Ratio (Pred)	RA	nly	EMPC	Comp
1	111 PCB-134/A/43	42.28	42.27	4.230e5	3.402e5	1.240	1.24	NO	112.52	112.52
2	112 PCB-131/A/33	42.58	42.57	4.532e5	3.857e5	1.240	1.24	NO	111.74	111.74
3	113 PCB-142	42.72	42.72	2.027e5	1.851e5	1.240	1.23	NO	54.808	54.808
4	114 PCB-148/A/85	42.87	42.87	5.488e5	4.414e5	1.240	1.24	NO	108.07	108.07
5	115 PCB-132/A/81	43.20	43.18	5.427e5	4.488e5	1.240	1.22	NO	108.20	108.20
6	116 PCB-153	43.38	43.38	2.713e5	2.235e5	1.240	1.21	NO	51.788	51.788
7	117 PCB-188	43.81	43.81	2.872e5	2.345e5	1.240	1.23	NO	54.247	54.247
8	118 PCB-141	44.14	44.16	2.328e5	1.875e5	1.240	1.24	NO	54.850	54.850





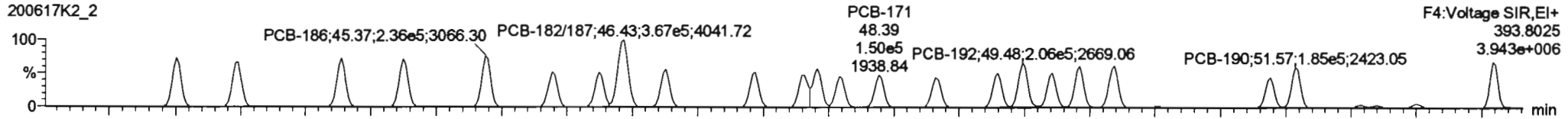
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

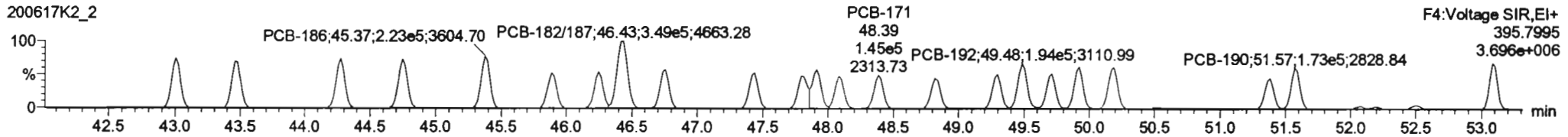
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-188**

200617K2\_2

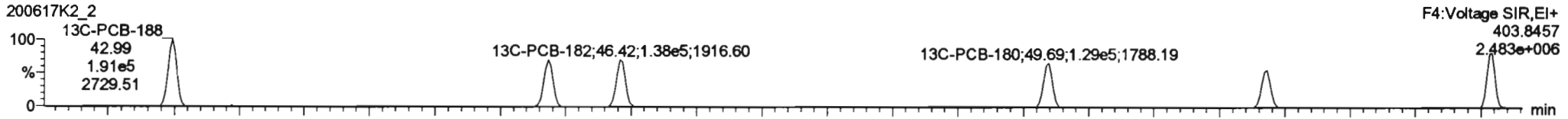


200617K2\_2

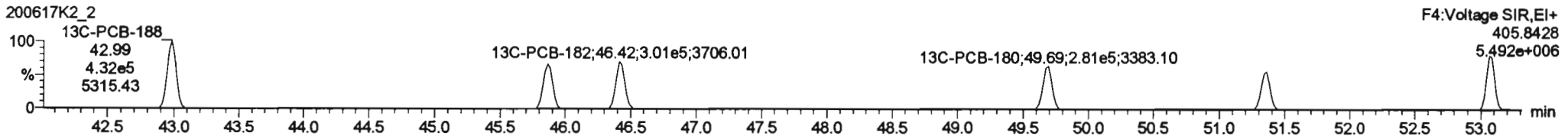


**13C-PCB-188**

200617K2\_2

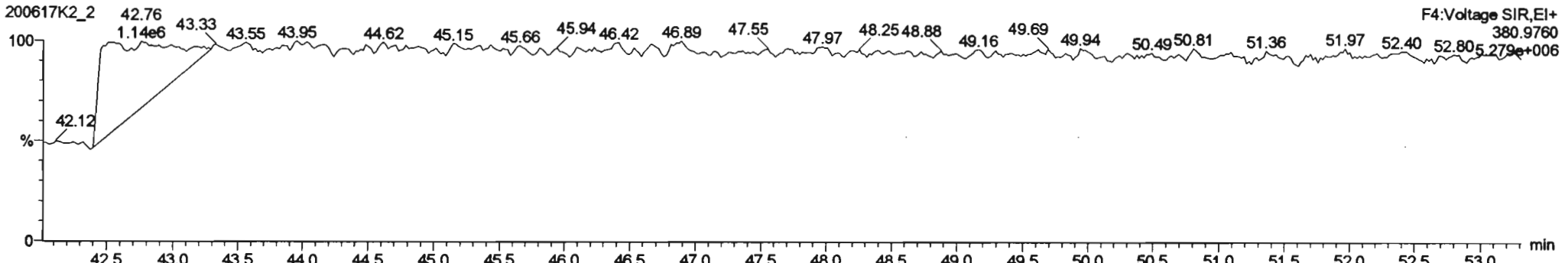


200617K2\_2



**PFK4c**

200617K2\_2



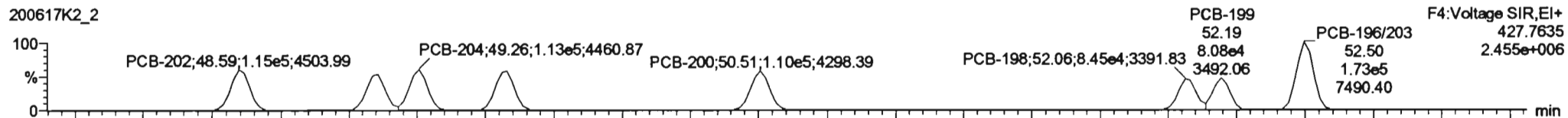
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

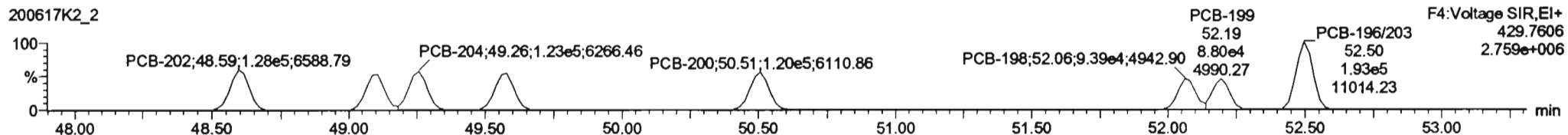
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-202**

200617K2\_2

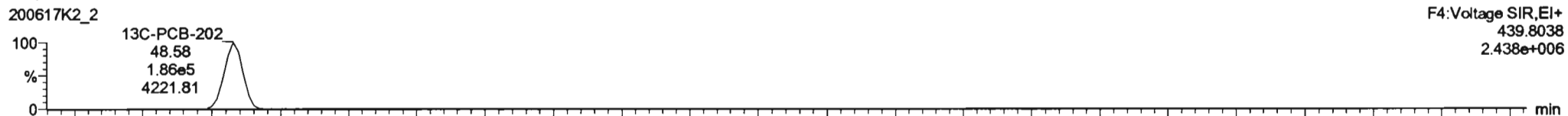


200617K2\_2

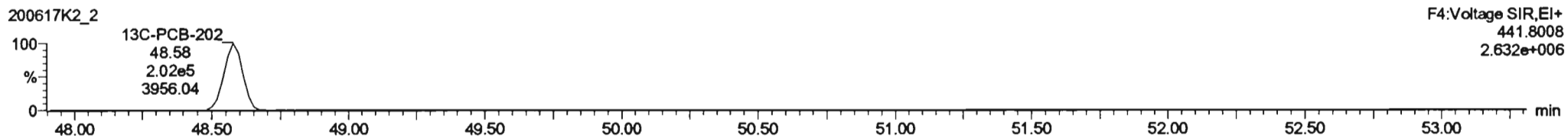


**13C-PCB-202**

200617K2\_2

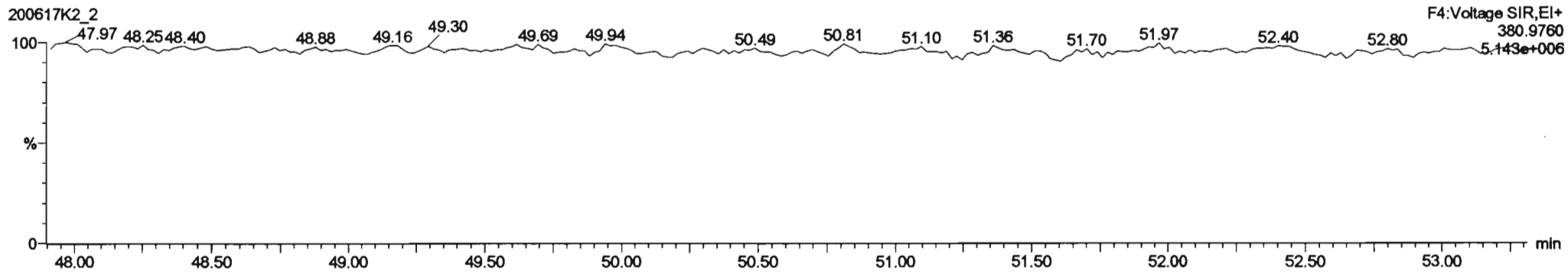


200617K2\_2



**PFK4d**

200617K2\_2



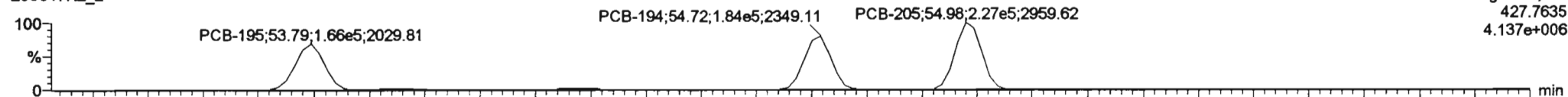
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

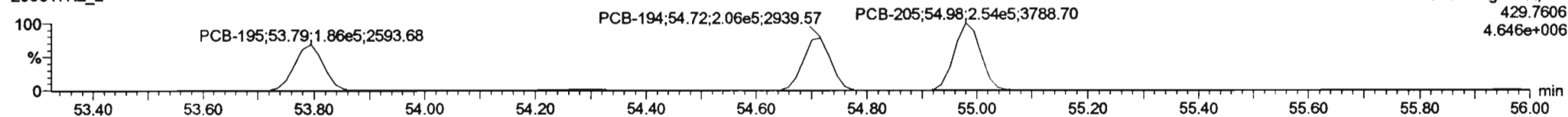
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-195**

200617K2\_2

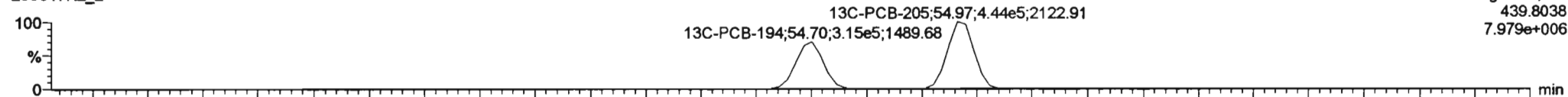


200617K2\_2

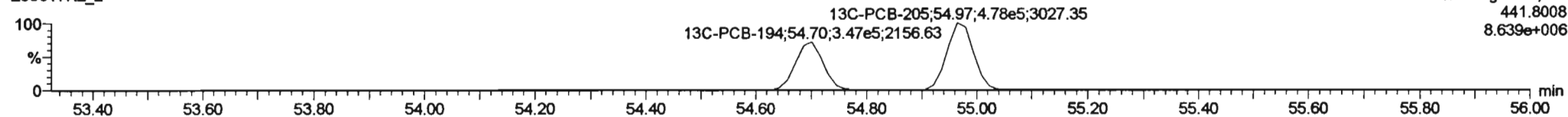


**13C-PCB-194**

200617K2\_2

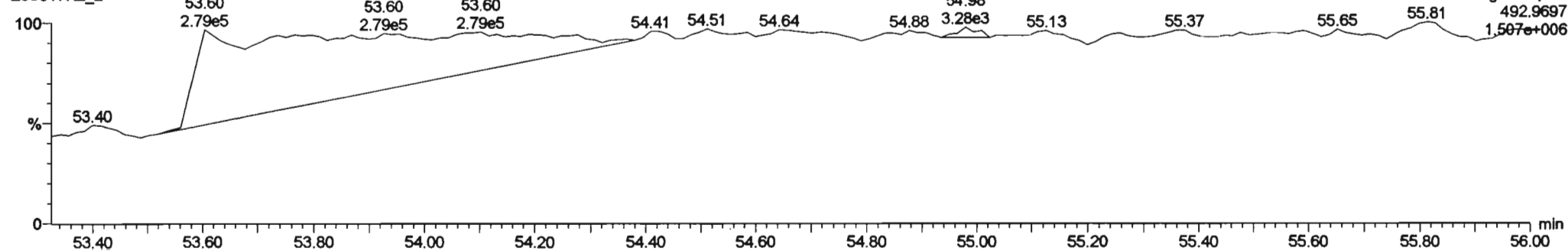


200617K2\_2



**PFK5a**

200617K2\_2



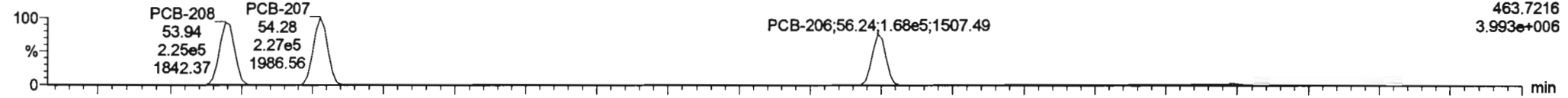
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

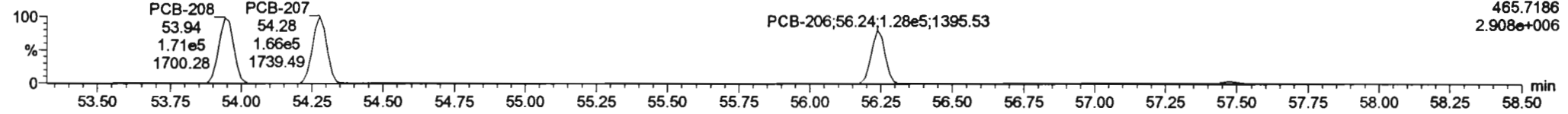
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-208**

200617K2\_2

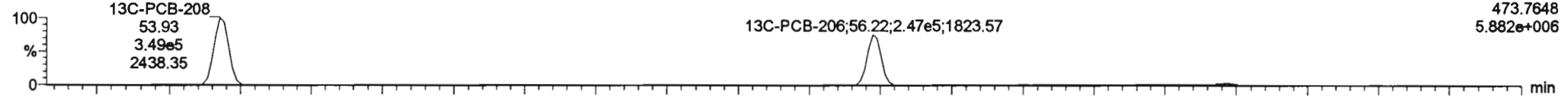


200617K2\_2

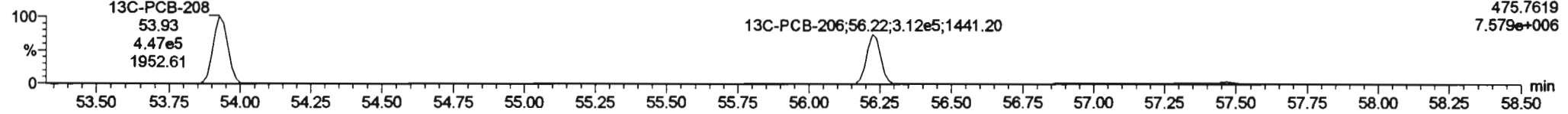


**13C-PCB-208**

200617K2\_2

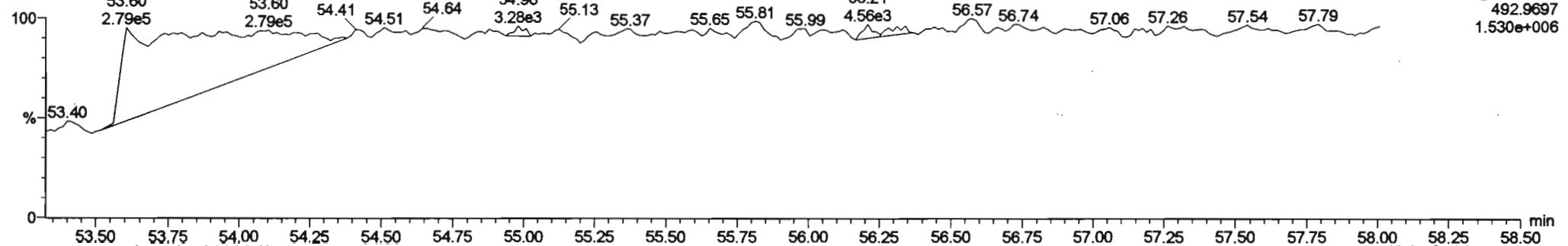


200617K2\_2



**PFK5**

200617K2\_2



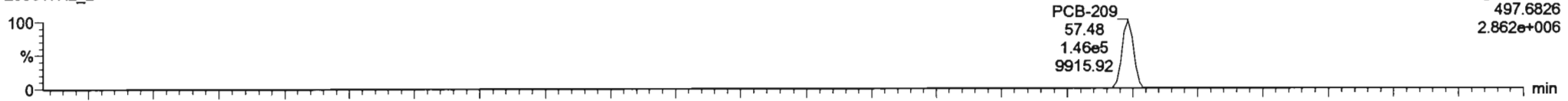
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time  
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

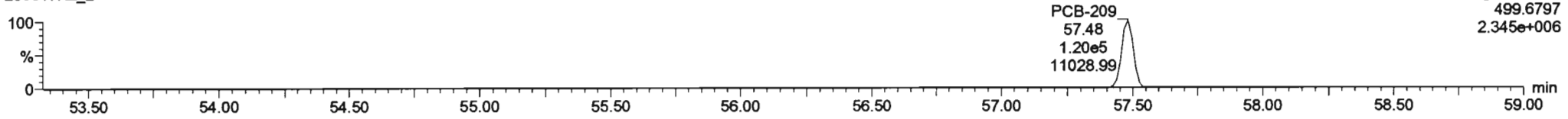
Name: 200617K2\_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-209**

200617K2\_2

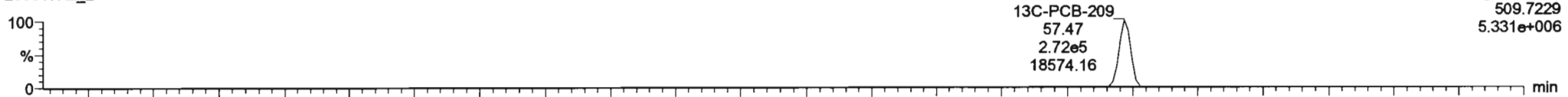


200617K2\_2

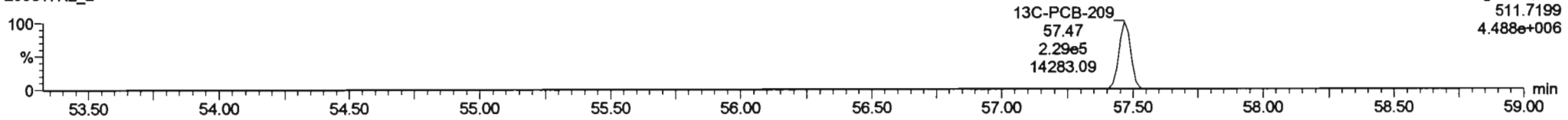


**13C-PCB-209**

200617K2\_2

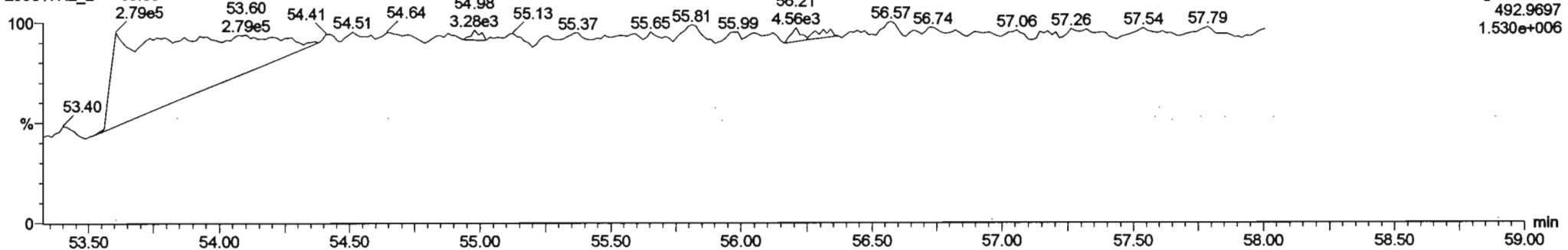


200617K2\_2

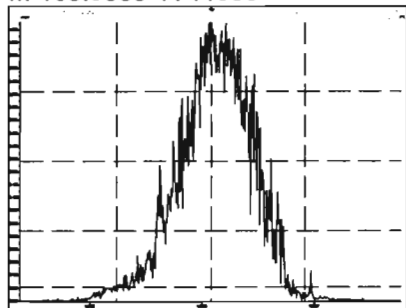


**PFK5b**

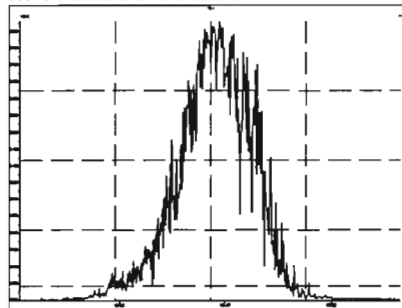
200617K2\_2



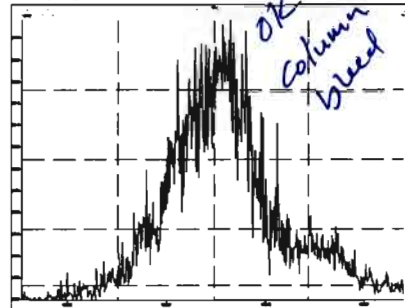
M 168.9888 R 11908



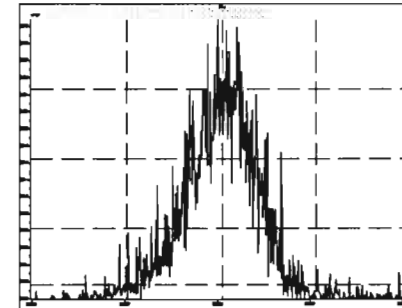
M 180.9888 R 12661



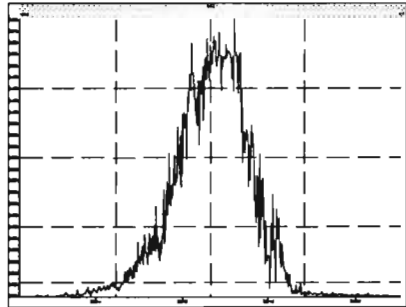
M 192.9888 R 7453



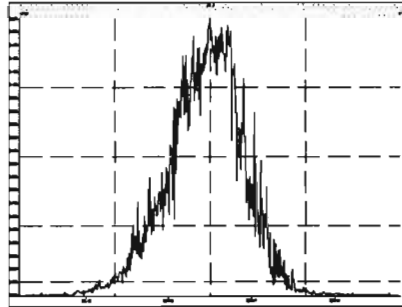
M 204.9888 R 15461



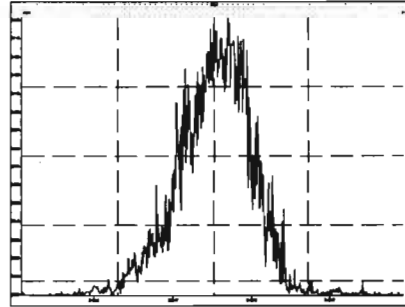
M 218.9856 R 12953



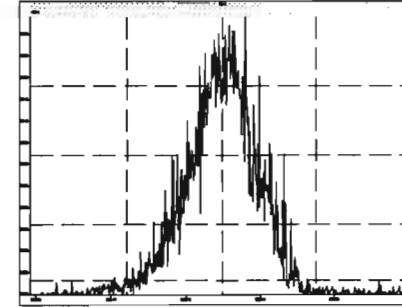
M 230.9856 R 11821



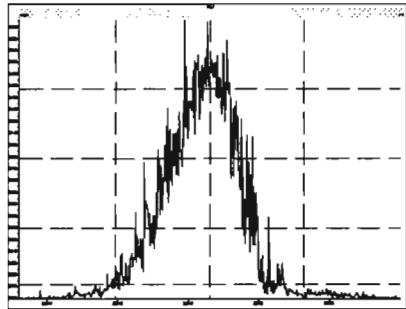
M 242.9856 R 12345



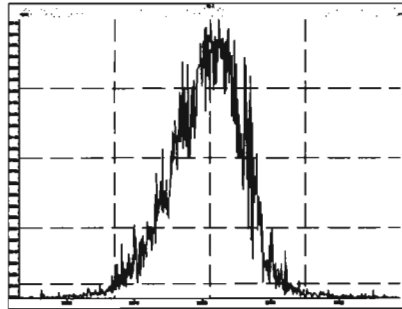
M 254.9856 R 13624



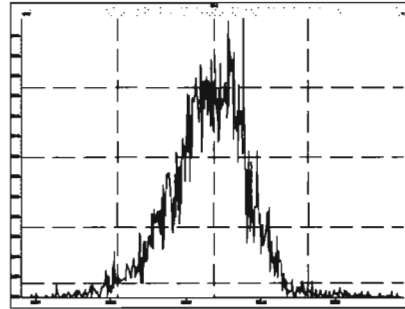
M 268.9824 R 13090



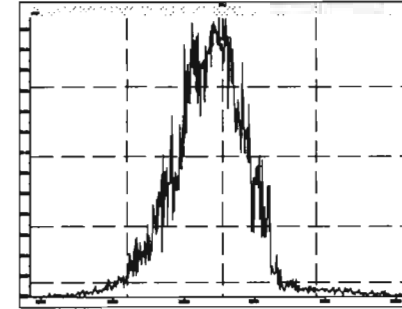
M 280.9824 R 13023



M 254.9856 R 12729



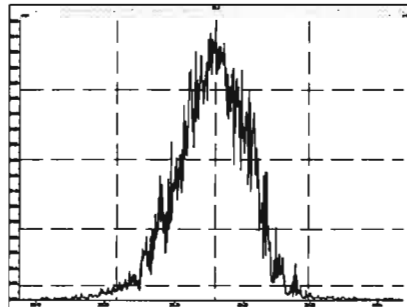
M 268.9824 R 12502



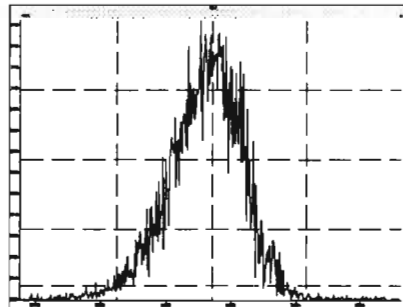


Printed: Thursday, June 18, 2020 09:51:50 Pacific Daylight Time

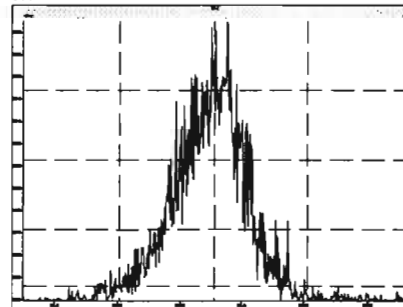
M 280.9824 R 13194



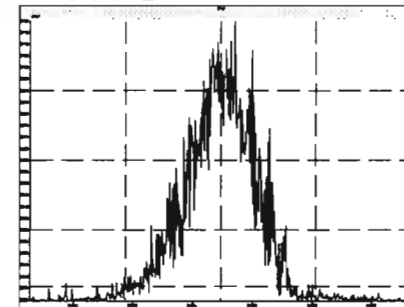
M 292.9824 R 13071



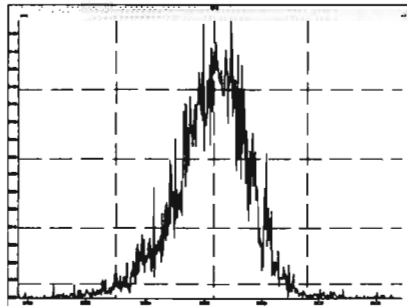
M 304.9824 R 13446



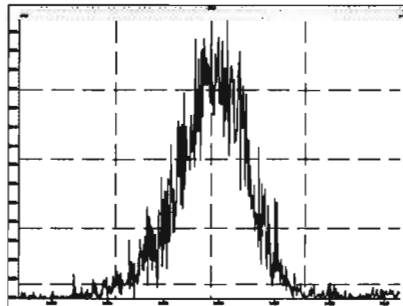
M 318.9792 R 13931



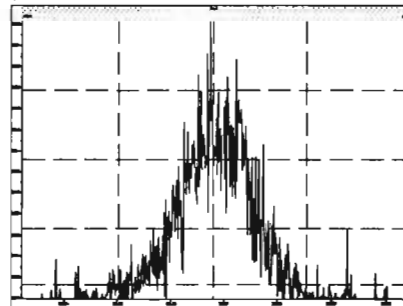
M 330.9792 R 13786



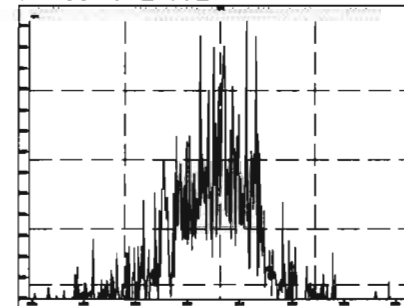
M 342.9792 R 12997



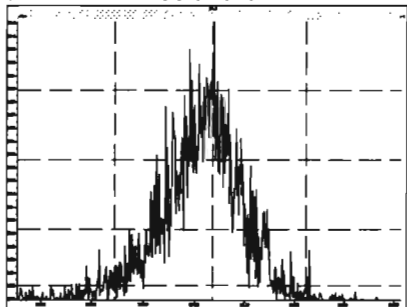
M 354.9792 R 16672



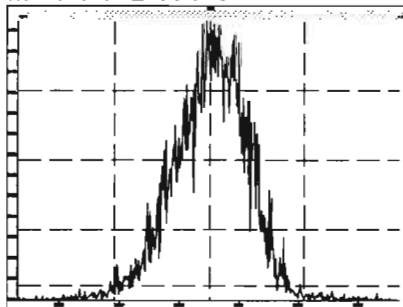
M 366.9792 R 20318



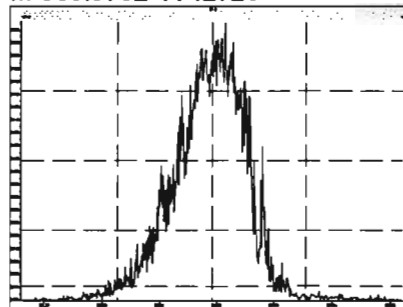
M 380.9760 R 13157



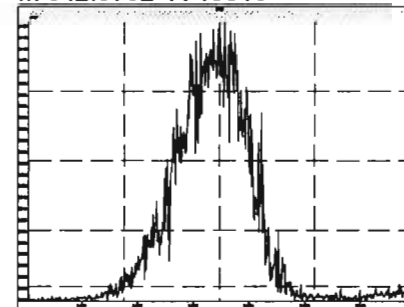
M 318.9792 R 13693



M 330.9792 R 12726

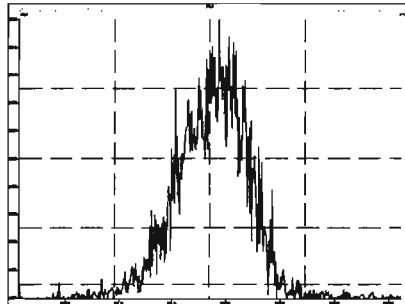


M 342.9792 R 13018

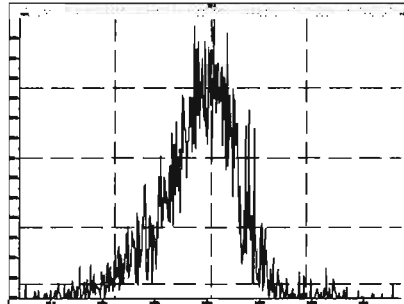


Printed: Thursday, June 18, 2020 09:51:50 Pacific Daylight Time

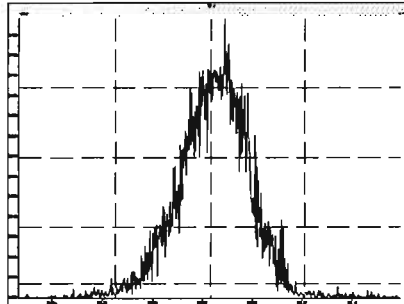
M 354.9792 R 14672



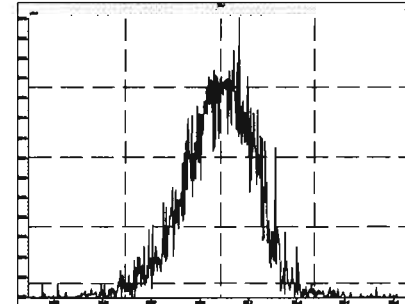
M 366.9792 R 14618



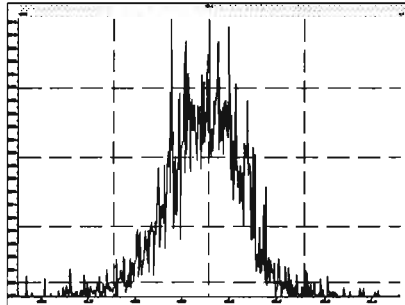
M 380.9760 R 13354



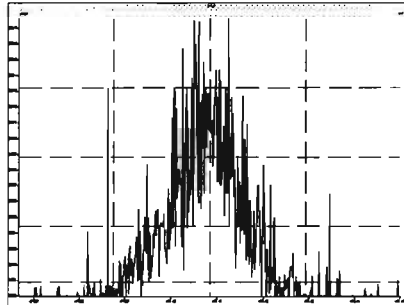
M 392.9760 R 15208



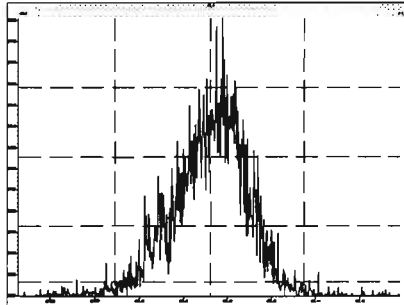
M 404.9760 R 14270



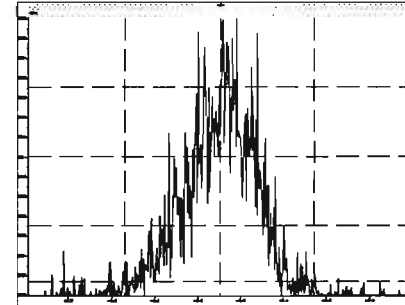
M 416.9760 R 15373



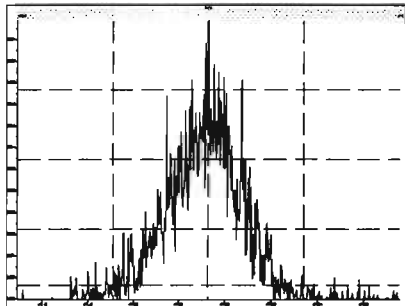
M 430.9728 R 13832



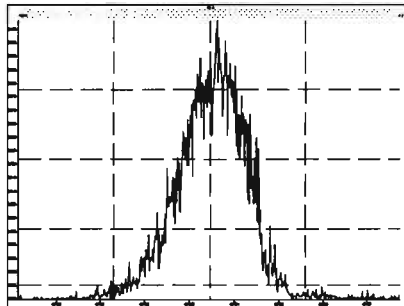
M 442.9728 R 13855



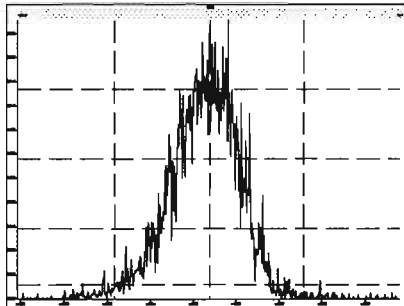
M 416.9760 R 16643



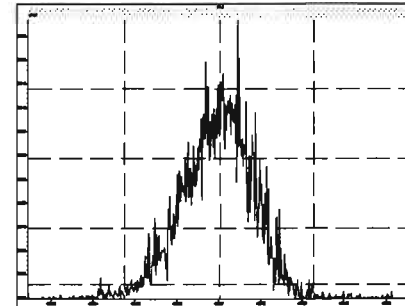
M 430.9728 R 13700



M 442.9728 R 14066

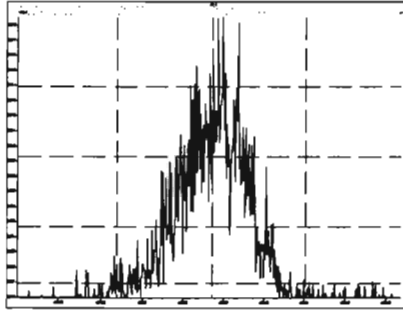


M 454.9728 R 12594

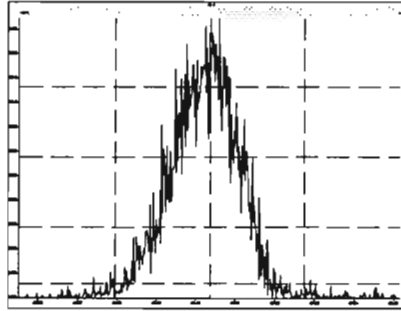


Printed: Thursday, June 18, 2020 09:51:50 Pacific Daylight Time

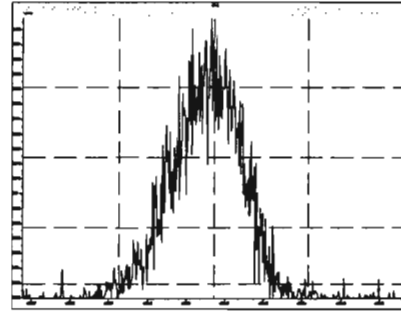
M 466.9728 R 15663



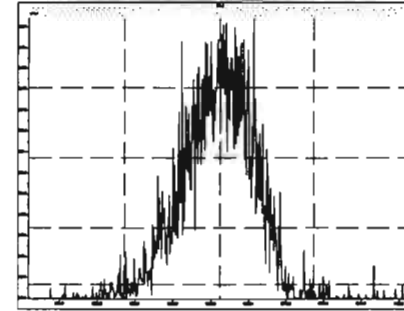
M 480.9696 R 13812



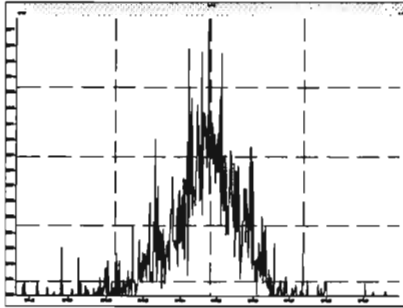
M 492.9696 R 15497



M 504.9696 R 14259



M 516.9697 R 20251



## **INITIAL CALIBRATION**

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

*hr 6/2/2020*

*GT 06/02/2020*

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

*Begin Rescheck: 1 mass under 10K*

*End Rescheck: some mass affected by column bleed.*

Method: Untitled 01 Jun 2020 09:39:00

Calibration: U:\VG11.PRO\CurveDB\cb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

*-1 mass under 10K*

Compound name: PCB-1

Response Factor: 1.1683

RRF SD: 0.0700662, Relative SD: 5.99729

Response type: Internal Std ( Ref 169 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	2.96	NO	15.52	1.001	6.24e3	2.37e6	0.225	-9.8	1.05	MM
200601K1_2	1.00	3.13	NO	15.53	1.001	2.90e4	2.53e6	0.981	-1.9	1.15	bb
200601K1_3	2.50	3.13	NO	15.56	1.002	7.00e4	2.46e6	2.44	-2.6	1.14	bb
200601K1_4	50.0	3.09	NO	15.54	1.001	1.47e6	2.44e6	51.7	3.3	1.21	bb
200601K1_5	400	3.02	NO	15.54	1.001	1.26e7	2.52e6	426	6.5	1.24	bb
200601K1_6	1000	3.09	NO	15.56	1.002	2.96e7	2.44e6	1040	4.4	1.22	bb

Compound name: PCB-2

Response Factor: 1.1828

RRF SD: 0.0716252, Relative SD: 6.05556

Response type: Internal Std ( Ref 170 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	3.12	NO	17.93	0.988	8.58e3	2.41e6	0.231	-7.7	1.09	bb
200601K1_2	1.00	3.07	NO	17.94	0.988	2.89e4	2.58e6	0.945	-5.5	1.12	bb
200601K1_3	2.50	3.06	NO	17.95	0.988	7.31e4	2.54e6	2.43	-2.6	1.15	bb
200601K1_4	50.0	3.10	NO	17.95	0.988	1.51e6	2.46e6	51.9	3.8	1.23	bb
200601K1_5	400	3.09	NO	17.95	0.988	1.30e7	2.59e6	426	6.5	1.26	bb
200601K1_6	1000	3.10	NO	17.95	0.988	3.06e7	2.47e6	1060	5.6	1.25	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-3  
 Response Factor: 1.14833  
 RRF SD: 0.0822518, Relative SD: 7.16272  
 Response type: Internal Std ( Ref 170 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	3.08	NO	18.17	1.001	6.28e3	2.41e6	0.227	-9.2	1.04	MM
2	200601K1_2	1.00	2.84	NO	18.18	1.001	2.75e4	2.58e6	0.928	-7.2	1.07	bb
3	200601K1_3	2.50	3.01	NO	18.19	1.001	7.13e4	2.54e6	2.45	-2.1	1.12	bb
4	200601K1_4	50.0	3.06	NO	18.19	1.001	1.48e6	2.46e6	52.8	5.1	1.21	bb
5	200601K1_5	400	3.08	NO	18.19	1.001	1.27e7	2.59e6	428	7.1	1.23	bb
6	200601K1_6	1000	3.07	NO	18.19	1.001	3.01e7	2.47e6	1060	6.3	1.22	bb

Compound name: PCB-4/10  
 Response Factor: 1.24809  
 RRF SD: 0.0718691, Relative SD: 5.75833  
 Response type: Internal Std ( Ref 171 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.39	NO	19.58	1.004	9.34e3	1.57e6	0.477	-4.5	1.19	MM
2	200601K1_2	2.00	1.82	NO	19.59	1.004	4.01e4	1.72e6	1.87	-6.5	1.17	MM
3	200601K1_3	5.00	1.58	NO	19.60	1.004	9.94e4	1.67e6	4.78	-4.5	1.19	MM
4	200601K1_4	100	1.53	NO	19.60	1.004	2.09e6	1.62e6	104	3.5	1.29	MM
5	200601K1_5	800	1.55	NO	19.60	1.004	1.82e7	1.72e6	850	6.2	1.33	MM
6	200601K1_6	2000	1.55	NO	19.60	1.004	4.30e7	1.63e6	2110	5.7	1.32	MM

Compound name: PCB-7/9  
 Response Factor: 0.960107  
 RRF SD: 0.0555849, Relative SD: 5.76736  
 Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.37	NO	21.37	1.002	1.15e4	2.57e6	0.467	-6.8	0.896	MM
2	200601K1_2	2.00	1.86	NO	21.40	1.003	5.04e4	2.77e6	1.90	-5.2	0.910	MM



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-7/9

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.59	NO	21.38	1.002	1.26e5	2.71e6	4.84	-3.2	0.930	bb
200801K1_4	100	1.55	NO	21.41	1.003	2.56e6	2.81e6	103	2.5	0.985	bb
200801K1_5	800	1.55	NO	21.40	1.002	2.25e7	2.73e6	859	7.3	1.03	bb
200801K1_6	2000	1.55	NO	21.41	1.003	5.31e7	2.83e6	2100	5.1	1.01	bb

Compound name: PCB-8

Response Factor: 1.02356

RRF SD: 0.0533669, Relative SD: 5.21385

Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.35	NO	22.04	1.033	6.56e3	2.57e6	0.249	-0.3	1.02	MM
200801K1_2	1.00	1.61	NO	22.05	1.033	2.62e4	2.77e6	0.925	-7.5	0.947	bb
200801K1_3	2.50	1.52	NO	22.06	1.033	6.65e4	2.71e6	2.40	-4.1	0.981	bb
200801K1_4	50.0	1.56	NO	22.06	1.033	1.35e6	2.81e6	50.5	0.9	1.03	bb
200801K1_5	400	1.57	NO	22.06	1.033	1.19e7	2.73e6	425	6.4	1.09	bb
200801K1_6	1000	1.56	NO	22.06	1.033	2.82e7	2.83e6	1050	4.8	1.07	bb

Compound name: PCB-5/8

Response Factor: 0.992495

RRF SD: 0.0686245, Relative SD: 6.71283

Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.47	NO	22.45	1.053	1.15e4	2.57e6	0.452	-9.5	0.898	MM
200801K1_2	2.00	1.46	NO	22.45	1.052	5.24e4	2.77e6	1.91	-4.7	0.946	MM
200801K1_3	5.00	1.56	NO	22.46	1.052	1.31e5	2.71e6	4.86	-2.9	0.964	bb
200801K1_4	100	1.55	NO	22.46	1.052	2.88e6	2.81e6	103	3.5	1.03	bb
200801K1_5	800	1.55	NO	22.46	1.052	2.33e7	2.73e6	859	7.4	1.07	bb
200801K1_6	2000	1.55	NO	22.46	1.052	5.55e7	2.83e6	2120	6.2	1.05	bb

Dataset: U:\VG11.PROVResults\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-14  
 Response Factor: 1.01729  
 RRF SD: 0.0674193, Relative SD: 6.62732  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nlv	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.49	NO	23.59	0.952	5.81e3	2.53e6	0.225	-9.8	0.917	MM
200601K1_2	1.00	1.55	NO	23.59	0.951	2.88e4	2.70e6	0.977	-2.3	0.994	bb
200601K1_3	2.50	1.59	NO	23.60	0.951	6.81e4	2.71e6	2.40	-4.1	0.975	bd
200601K1_4	50.0	1.57	NO	23.60	0.951	1.35e6	2.56e6	51.9	3.9	1.06	bb
200601K1_5	400	1.55	NO	23.60	0.951	1.19e7	2.70e6	433	8.3	1.10	bb
200601K1_6	1000	1.57	NO	23.60	0.951	2.85e7	2.69e6	1040	4.1	1.06	bb

Compound name: PCB-11  
 Response Factor: 1.12639  
 RRF SD: 0.0395035, Relative SD: 3.50708  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nlv	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.34	NO	24.81	1.001	7.25e3	2.53e6	0.254	1.7	1.15	MM
200601K1_2	1.00	1.51	NO	24.81	1.001	2.94e4	2.70e6	0.967	-3.3	1.09	MM
200601K1_3	2.50	1.51	NO	24.82	1.001	7.22e4	2.71e6	2.37	-5.3	1.07	db
200601K1_4	50.0	1.57	NO	24.82	1.001	1.46e6	2.56e6	50.8	1.5	1.14	MM
200601K1_5	400	1.56	NO	24.82	1.001	1.26e7	2.70e6	415	3.8	1.17	db
200601K1_6	1000	1.57	NO	24.82	1.001	3.07e7	2.69e6	1020	1.8	1.14	db

Compound name: PCB-12/13  
 Response Factor: 1.02668  
 RRF SD: 0.0663406, Relative SD: 6.46163  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nlv	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.36	NO	25.18	1.016	1.35e4	2.53e6	0.518	3.7	1.06	MM
200601K1_2	2.00	1.58	NO	25.25	1.016	5.17e4	2.70e6	1.87	-6.7	0.958	MM

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-12/13

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_3	5.00	1.60	NO	25.20	1.016	1.34e5	2.71e6	4.80	-4.0	0.985	MM
200801K1_4	100	1.54	NO	25.20	1.016	2.71e6	2.56e6	103	3.3	1.06	MM
200801K1_5	800	1.54	NO	25.20	1.016	2.37e7	2.70e6	855	6.9	1.10	MM
200801K1_6	2000	1.56	NO	25.20	1.016	5.78e7	2.69e6	2100	4.8	1.08	MM

Compound name: PCB-15

Response Factor: 1.03482

RRF SD: 0.0605674, Relative SD: 5.85293

Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.40	NO	25.53	1.030	6.04e3	2.53e6	0.231	-7.8	0.954	MM
200801K1_2	1.00	1.58	NO	25.54	1.030	2.67e4	2.70e6	0.954	-4.6	0.987	MM
200801K1_3	2.50	1.51	NO	25.55	1.030	6.80e4	2.71e6	2.42	-3.1	1.00	MM
200801K1_4	50.0	1.55	NO	25.55	1.030	1.39e6	2.56e6	52.4	4.7	1.06	MM
200801K1_5	400	1.55	NO	25.55	1.030	1.18e7	2.70e6	423	5.8	1.10	MM
200801K1_6	1000	1.55	NO	25.55	1.030	2.92e7	2.69e6	1050	4.9	1.09	MM

Compound name: PCB-19

Response Factor: 1.10626

RRF SD: 0.0710209, Relative SD: 6.41991

Response type: Internal Std ( Ref 174 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.12	NO	23.77	1.001	3.44e3	1.32e6	0.236	-5.6	1.04	MM
200801K1_2	1.00	1.08	NO	23.78	1.001	1.48e4	1.42e6	0.945	-5.5	1.05	bb
200801K1_3	2.50	1.05	NO	23.78	1.001	3.64e4	1.39e6	2.36	-5.7	1.04	MM
200801K1_4	50.0	1.01	NO	23.78	1.001	7.58e5	1.33e6	51.5	3.1	1.14	bb
200801K1_5	400	1.02	NO	23.78	1.001	6.75e6	1.40e6	435	6.8	1.20	bb
200801K1_6	1000	1.02	NO	23.78	1.001	1.61e7	1.39e6	1050	4.9	1.16	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-30  
 Response Factor: 1.79419  
 RRF SD: 0.128021, Relative SD: 7.1353  
 Response type: Internal Std ( Ref 174 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.15	NO	24.68	1.039	5.58e3	1.32e6	0.236	-5.5	1.70	MM
200601K1_2	1.00	1.03	NO	24.69	1.039	2.35e4	1.42e6	0.926	-7.4	1.66	MM
200601K1_3	2.50	1.05	NO	24.70	1.039	5.87e4	1.39e6	2.35	-6.2	1.68	MM
200601K1_4	50.0	1.03	NO	24.70	1.039	1.24e6	1.33e6	52.0	4.0	1.87	bb
200601K1_5	400	1.01	NO	24.70	1.039	1.09e7	1.40e6	435	8.8	1.95	bb
200601K1_6	1000	1.03	NO	24.70	1.039	2.65e7	1.39e6	1080	6.3	1.91	bb

Compound name: PCB-18  
 Response Factor: 0.81773  
 RRF SD: 0.0320259, Relative SD: 3.91644  
 Response type: Internal Std ( Ref 175 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.07	NO	25.45	0.952	4.02e3	1.93e6	0.254	1.6	0.831	MM
200601K1_2	1.00	1.04	NO	25.46	0.952	1.62e4	2.07e6	0.957	-4.3	0.782	bd
200601K1_3	2.50	1.04	NO	25.46	0.952	3.92e4	2.03e6	2.37	-5.2	0.775	bd
200601K1_4	50.0	1.01	NO	25.47	0.952	8.23e5	1.97e6	51.0	2.0	0.834	bd
200601K1_5	400	1.03	NO	25.47	0.952	7.32e6	2.13e6	419	4.8	0.857	bd
200601K1_6	1000	1.02	NO	25.46	0.952	1.78e7	2.16e6	1010	1.0	0.826	bd

Compound name: PCB-17  
 Response Factor: 0.758399  
 RRF SD: 0.0346137, Relative SD: 4.56405  
 Response type: Internal Std ( Ref 175 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	25.64	0.959	3.52e3	1.93e6	0.240	-3.8	0.729	MM
200601K1_2	1.00	1.09	NO	25.64	0.958	1.49e4	2.07e6	0.951	-4.9	0.721	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-17

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200801K1_3	2.50	1.04	NO	25.64	0.958	3.72e4	2.03e6	2.42	-3.2	0.734	MM
200801K1_4	50.0	1.01	NO	25.65	0.959	7.73e5	1.97e6	51.6	3.3	0.783	db
200801K1_5	400	1.04	NO	25.65	0.959	6.87e6	2.13e6	424	6.0	0.804	db
200801K1_6	1000	1.02	NO	25.65	0.959	1.68e7	2.16e6	1030	2.7	0.779	db

Compound name: PCB-24/27

Response Factor: 1.08206

RRF SD: 0.0492171, Relative SD: 4.54845

Response type: Internal Std ( Ref 175 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200801K1_1	0.500	1.04	NO	26.22	0.980	9.84e3	1.93e6	0.471	-5.8	1.02	MM
200801K1_2	2.00	1.02	NO	26.23	0.980	4.42e4	2.07e6	1.97	-1.4	1.07	bb
200801K1_3	5.00	1.02	NO	26.24	0.981	1.05e5	2.03e6	4.79	-4.2	1.04	bb
200801K1_4	100	1.02	NO	26.24	0.981	2.21e6	1.97e6	104	3.6	1.12	bb
200801K1_5	800	1.02	NO	26.24	0.981	1.95e7	2.13e6	845	5.6	1.14	bb
200801K1_6	2000	1.03	NO	26.24	0.981	4.77e7	2.16e6	2050	2.3	1.11	bb

Compound name: PCB-16/32

Response Factor: 0.925439

RRF SD: 0.0403363, Relative SD: 4.35881

Response type: Internal Std ( Ref 175 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200801K1_1	0.500	1.07	NO	26.75	1.000	8.78e3	1.93e6	0.491	-1.8	0.909	bb
200801K1_2	2.00	1.07	NO	26.76	1.000	3.61e4	2.07e6	1.88	-5.9	0.871	bb
200801K1_3	5.00	1.03	NO	26.77	1.001	9.09e4	2.03e6	4.85	-3.0	0.898	MM
200801K1_4	100	1.02	NO	26.77	1.001	1.87e6	1.97e6	103	2.8	0.950	bb
200801K1_5	800	1.02	NO	26.77	1.001	1.68e7	2.13e6	849	6.1	0.982	bb
200801K1_6	2000	1.01	NO	26.77	1.001	4.07e7	2.16e6	2040	2.0	0.944	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-34  
 Response Factor: 0.945495  
 RRF SD: 0.0781691, Relative SD: 8.26754  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.14	NO	27.58	0.959	4.74e3	2.38e6	0.211	-15.8	0.797	MM
2	200601K1_2	1.00	1.01	NO	27.58	0.959	2.43e4	2.38e6	1.08	8.0	1.02	bd
3	200601K1_3	2.50	1.02	NO	27.58	0.959	5.47e4	2.33e6	2.48	-0.8	0.939	bd
4	200601K1_4	50.0	1.05	NO	27.58	0.959	1.08e6	2.26e6	50.5	0.9	0.954	bd
5	200601K1_5	400	1.08	NO	27.58	0.959	9.47e6	2.40e6	418	4.4	0.987	bd
6	200601K1_6	1000	1.03	NO	27.58	0.959	2.33e7	2.39e6	1030	3.1	0.975	bd

Compound name: PCB-23  
 Response Factor: 0.882931  
 RRF SD: 0.0420273, Relative SD: 4.75998  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.03	NO	27.67	0.962	5.14e3	2.38e6	0.245	-2.0	0.865	MM
2	200601K1_2	1.00	1.07	NO	27.67	0.962	1.97e4	2.38e6	0.935	-6.5	0.826	db
3	200601K1_3	2.50	1.04	NO	27.67	0.962	4.95e4	2.33e6	2.40	-3.8	0.849	db
4	200601K1_4	50.0	1.05	NO	27.67	0.962	1.05e6	2.26e6	52.8	5.3	0.930	dd
5	200601K1_5	400	1.07	NO	27.67	0.962	8.81e6	2.40e6	416	3.9	0.918	db
6	200601K1_6	1000	1.07	NO	27.67	0.962	2.18e7	2.39e6	1030	3.1	0.910	db

Compound name: PCB-29  
 Response Factor: 0.892811  
 RRF SD: 0.0395517, Relative SD: 4.43002  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.11	NO	27.91	0.971	4.92e3	2.38e6	0.232	-7.2	0.828	MM
2	200601K1_2	1.00	1.12	NO	27.93	0.971	2.20e4	2.38e6	1.03	3.1	0.921	bd



Dataset: U:\VG11.PROVResults\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-29**

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.01	NO	27.93	0.971	5.03e4	2.33e6	2.42	-3.2	0.864	bd
200601K1_4	50.0	1.06	NO	27.93	0.971	1.02e6	2.26e6	50.2	0.5	0.897	dd
200601K1_5	400	1.06	NO	27.93	0.971	8.95e6	2.40e6	418	4.5	0.933	bb
200601K1_6	1000	1.02	NO	27.93	0.971	2.19e7	2.39e6	1020	2.4	0.914	bb

**Compound name: PCB-26**

Response Factor: 0.943921

RRF SD: 0.0501146, Relative SD: 5.3082

Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	28.14	0.979	5.11e3	2.38e6	0.227	-9.0	0.859	MM
200601K1_2	1.00	1.04	NO	28.16	0.979	2.24e4	2.38e6	0.996	-0.4	0.940	dd
200601K1_3	2.50	1.07	NO	28.16	0.979	5.36e4	2.33e6	2.44	-2.4	0.921	dd
200601K1_4	50.0	1.06	NO	28.16	0.979	1.10e6	2.26e6	51.3	2.5	0.968	dd
200601K1_5	400	1.07	NO	28.16	0.979	9.80e6	2.40e6	424	5.9	1.00	bd
200601K1_6	1000	1.04	NO	28.16	0.979	2.34e7	2.39e6	1030	3.4	0.976	bd

**Compound name: PCB-25**

Response Factor: 0.949875

RRF SD: 0.0334033, Relative SD: 3.5166

Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.13	NO	28.31	0.984	5.29e3	2.38e6	0.234	-6.4	0.889	MM
200601K1_2	1.00	1.09	NO	28.32	0.984	2.23e4	2.38e6	0.985	-1.5	0.935	db
200601K1_3	2.50	1.03	NO	28.32	0.984	5.65e4	2.33e6	2.55	2.1	0.970	db
200601K1_4	50.0	1.08	NO	28.32	0.984	1.08e6	2.26e6	50.4	0.7	0.957	db
200601K1_5	400	1.04	NO	28.32	0.984	9.41e6	2.40e6	413	3.2	0.960	db
200601K1_6	1000	1.04	NO	28.32	0.984	2.32e7	2.39e6	1020	1.9	0.968	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-31  
 Response Factor: 1.03628  
 RRF SD: 0.032755, Relative SD: 3.16084  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.10	NO	28.68	0.997	6.02e3	2.38e6	0.244	-2.3	1.01	MM
2	200801K1_2	1.00	1.05	NO	28.68	0.997	2.45e4	2.38e6	0.993	-0.7	1.03	bd
3	200801K1_3	2.50	1.03	NO	28.68	0.997	5.91e4	2.33e6	2.45	-2.1	1.01	MM
4	200801K1_4	50.0	1.14	NO	28.68	0.997	1.15e6	2.26e6	48.9	-2.1	1.01	bd
5	200801K1_5	400	1.07	NO	28.68	0.997	1.05e7	2.40e6	423	5.8	1.10	bd
6	200801K1_6	1000	1.02	NO	28.68	0.997	2.52e7	2.39e6	1010	1.4	1.05	bd

Compound name: PCB-28  
 Response Factor: 1.025  
 RRF SD: 0.0755239, Relative SD: 7.36817  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.17	NO	28.77	1.001	5.28e3	2.38e6	0.217	-13.3	0.889	MM
2	200801K1_2	1.00	1.04	NO	28.79	1.001	2.41e4	2.38e6	0.984	-1.6	1.01	db
3	200801K1_3	2.50	1.08	NO	28.79	1.001	5.88e4	2.33e6	2.46	-1.5	1.01	db
4	200801K1_4	50.0	1.08	NO	28.79	1.001	1.22e6	2.26e6	52.7	5.5	1.08	db
5	200801K1_5	400	1.08	NO	28.79	1.001	1.04e7	2.40e6	424	6.0	1.09	db
6	200801K1_6	1000	1.02	NO	28.79	1.001	2.57e7	2.39e6	1050	4.9	1.08	db

Compound name: PCB-20/21/33  
 Response Factor: 0.941292  
 RRF SD: 0.0455201, Relative SD: 4.83592  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.750	1.00	NO	29.40	1.023	1.56e4	2.38e6	0.697	-7.1	0.875	MM
2	200801K1_2	3.00	1.08	NO	29.42	1.023	6.54e4	2.38e6	2.91	-2.9	0.914	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-20/21/33

Name	Std. Conc.	RA	ny	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	7.50	1.06	NO	29.42	1.023	1.62e5	2.33e6	7.38	-1.6	0.928	bb
200601K1_4	150	1.07	NO	29.42	1.023	3.24e6	2.28e6	152	1.5	0.955	bb
200601K1_5	1200	1.05	NO	29.42	1.023	2.88e7	2.40e6	1270	6.2	1.00	bb
200601K1_6	3000	1.03	NO	29.42	1.023	7.01e7	2.39e6	3110	3.8	0.977	bb

Compound name: PCB-22

Response Factor: 0.972852

RRF SD: 0.0679212, Relative SD: 6.98165

Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	ny	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	29.87	1.039	5.07e3	2.38e6	0.219	-12.4	0.853	MM
200601K1_2	1.00	1.14	NO	29.87	1.038	2.26e4	2.38e6	0.972	-2.8	0.948	db
200601K1_3	2.50	1.08	NO	29.89	1.039	5.67e4	2.33e6	2.50	0.1	0.974	bb
200601K1_4	50.0	1.06	NO	29.89	1.039	1.14e6	2.28e6	51.5	3.1	1.00	bb
200601K1_5	400	1.09	NO	29.89	1.039	9.79e6	2.40e6	419	4.8	1.02	bb
200601K1_6	1000	1.06	NO	29.89	1.039	2.49e7	2.39e6	1070	7.1	1.04	bb

Compound name: PCB-36

Response Factor: 1.07599

RRF SD: 0.05125, Relative SD: 4.76304

Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	ny	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.99	NO	30.50	0.931	5.49e3	2.11e6	0.242	-3.2	1.04	bb
200601K1_2	1.00	0.98	NO	30.50	0.931	2.35e4	2.28e6	0.969	-3.1	1.04	bb
200601K1_3	2.50	1.05	NO	30.50	0.931	5.71e4	2.28e6	2.34	-6.3	1.01	MM
200601K1_4	50.0	1.06	NO	30.52	0.932	1.16e6	2.09e6	51.5	3.1	1.11	bb
200601K1_5	400	1.10	NO	30.52	0.932	9.81e6	2.17e6	421	5.2	1.13	db
200601K1_6	1000	1.05	NO	30.52	0.931	2.55e7	2.27e6	1040	4.3	1.12	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-39  
 Response Factor: 0.968291  
 RRF SD: 0.0625968, Relative SD: 6.33405  
 Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.06	NO	30.99	0.946	4.77e3	2.11e6	0.229	-8.5	0.904	bb
2	200601K1_2	1.00	1.01	NO	30.99	0.946	2.15e4	2.26e6	0.964	-3.6	0.953	MM
3	200601K1_3	2.50	1.06	NO	30.99	0.946	5.36e4	2.26e6	2.40	-4.2	0.947	db
4	200601K1_4	50.0	1.09	NO	31.00	0.947	1.07e6	2.09e6	51.7	3.3	1.02	db
5	200601K1_5	400	1.09	NO	31.00	0.947	9.22e6	2.17e6	431	7.6	1.06	db
6	200601K1_6	1000	1.04	NO	31.00	0.946	2.36e7	2.27e6	1050	5.3	1.04	db

Compound name: PCB-38  
 Response Factor: 1.05188  
 RRF SD: 0.0526736, Relative SD: 5.00759  
 Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.13	NO	31.78	0.970	5.42e3	2.11e6	0.244	-2.2	1.03	MM
2	200601K1_2	1.00	1.07	NO	31.78	0.970	2.26e4	2.26e6	0.953	-4.7	1.00	dd
3	200601K1_3	2.50	1.04	NO	31.78	0.970	5.62e4	2.26e6	2.36	-5.5	0.994	dd
4	200601K1_4	50.0	1.09	NO	31.78	0.970	1.12e6	2.09e6	51.0	2.1	1.07	dd
5	200601K1_5	400	1.05	NO	31.78	0.970	9.81e6	2.17e6	430	7.5	1.13	dd
6	200601K1_6	1000	1.03	NO	31.78	0.970	2.45e7	2.27e6	1030	2.8	1.08	dd

Compound name: PCB-35  
 Response Factor: 1.04369  
 RRF SD: 0.0671055, Relative SD: 6.42963  
 Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.95	NO	32.33	0.987	5.10e3	2.11e6	0.232	-7.2	0.968	bb
2	200601K1_2	1.00	1.07	NO	32.33	0.987	2.27e4	2.26e6	0.964	-3.6	1.01	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-35

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.01	NO	32.33	0.967	5.53e4	2.26e6	2.34	-6.4	0.977	db
200601K1_4	50.0	1.07	NO	32.33	0.967	1.15e6	2.09e6	52.5	5.0	1.10	dd
200601K1_5	400	1.06	NO	32.33	0.967	9.64e6	2.17e6	426	6.8	1.11	dd
200601K1_6	1000	1.06	NO	32.33	0.966	2.50e7	2.27e6	1060	5.6	1.10	dd

Compound name: PCB-37

Response Factor: 1.00907

RRF SD: 0.0813948, Relative SD: 8.0663

Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.04	NO	32.77	1.000	4.58e3	2.11e6	0.215	-13.9	0.869	MM
200601K1_2	1.00	1.09	NO	32.77	1.000	2.21e4	2.26e6	0.972	-2.8	0.981	MM
200601K1_3	2.50	1.04	NO	32.77	1.000	5.65e4	2.26e6	2.47	-1.0	0.999	MM
200601K1_4	50.0	1.05	NO	32.79	1.001	1.10e6	2.09e6	51.9	3.8	1.05	MM
200601K1_5	400	1.04	NO	32.79	1.001	9.57e6	2.17e6	437	9.4	1.10	MM
200601K1_6	1000	1.04	NO	32.79	1.001	2.39e7	2.27e6	1050	4.6	1.06	MM

Compound name: PCB-54

Response Factor: 1.07963

RRF SD: 0.0563853, Relative SD: 5.22166

Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.74	NO	27.62	1.001	4.22e3	1.88e6	0.232	-7.1	1.00	MM
200601K1_2	1.00	0.80	NO	27.64	1.001	1.98e4	1.85e6	0.990	-1.0	1.07	bb
200601K1_3	2.50	0.76	NO	27.64	1.001	4.63e4	1.80e6	2.38	-4.9	1.03	bb
200601K1_4	50.0	0.76	NO	27.64	1.001	9.76e5	1.75e6	51.6	3.2	1.11	bb
200601K1_5	400	0.79	NO	27.64	1.001	6.59e6	1.86e6	422	5.8	1.14	bb
200601K1_6	1000	0.77	NO	27.64	1.001	2.11e7	1.86e6	1040	4.2	1.13	bb

Dataset: U:\VG11.PROVResults\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-50  
 Response Factor: 0.879558  
 RRF SD: 0.0380434, Relative SD: 4.3253  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.79	NO	28.83	1.044	3.74e3	1.68e6	0.252	1.0	0.888	MM
200601K1_2	1.00	0.80	NO	28.83	1.044	1.52e4	1.85e6	0.932	-6.8	0.820	bb
200601K1_3	2.50	0.75	NO	28.83	1.044	3.83e4	1.80e6	2.41	-3.4	0.849	bb
200601K1_4	50.0	0.75	NO	28.84	1.044	7.79e5	1.75e6	50.8	1.2	0.890	bb
200601K1_5	400	0.75	NO	28.84	1.044	6.88e6	1.88e6	415	3.8	0.913	bb
200601K1_6	1000	0.76	NO	28.84	1.044	1.72e7	1.88e6	1040	4.3	0.917	bb

Compound name: PCB-53  
 Response Factor: 0.998734  
 RRF SD: 0.0611951, Relative SD: 6.13956  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	29.50	0.944	3.27e3	1.37e6	0.240	-4.0	0.956	MM
200601K1_2	1.00	0.75	NO	29.50	0.943	1.40e4	1.50e6	0.934	-6.8	0.931	MM
200601K1_3	2.50	0.78	NO	29.50	0.943	3.39e4	1.44e6	2.35	-5.8	0.939	bb
200601K1_4	50.0	0.77	NO	29.51	0.944	7.19e5	1.38e6	52.4	4.8	1.04	bb
200601K1_5	400	0.78	NO	29.51	0.944	6.47e6	1.51e6	429	7.3	1.07	bb
200601K1_6	1000	0.78	NO	29.51	0.944	1.80e7	1.54e6	1040	4.3	1.04	bb

Compound name: PCB-51  
 Response Factor: 1.08521  
 RRF SD: 0.0890475, Relative SD: 6.48207  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.77	NO	29.85	0.955	3.29e3	1.37e6	0.226	-9.4	0.965	MM
200601K1_2	1.00	0.81	NO	29.85	0.955	1.58e4	1.50e6	0.978	-2.2	1.04	MM



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-51

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.79	NO	29.85	0.955	3.69e4	1.44e6	2.40	-4.1	1.02	bb
200601K1_4	50.0	0.77	NO	29.85	0.955	7.80e5	1.38e6	53.2	6.4	1.13	bb
200601K1_5	400	0.76	NO	29.85	0.955	6.92e6	1.51e6	430	7.4	1.14	bb
200601K1_6	1000	0.78	NO	29.85	0.955	1.87e7	1.54e6	1020	2.0	1.09	bb

Compound name: PCB-45

Response Factor: 0.858411

RRF SD: 0.0476675, Relative SD: 5.55299

Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	30.30	0.970	2.69e3	1.37e6	0.229	-8.4	0.766	MM
200601K1_2	1.00	0.77	NO	30.30	0.969	1.23e4	1.50e6	0.954	-4.6	0.819	bb
200601K1_3	2.50	0.80	NO	30.30	0.969	3.11e4	1.44e6	2.51	0.3	0.861	bb
200601K1_4	50.0	0.77	NO	30.30	0.969	6.21e5	1.38e6	52.5	5.1	0.902	bb
200601K1_5	400	0.79	NO	30.30	0.969	5.49e6	1.51e6	423	5.8	0.908	bb
200601K1_6	1000	0.79	NO	30.30	0.969	1.34e7	1.54e6	1020	1.9	0.874	bb

Compound name: PCB-46

Response Factor: 0.830725

RRF SD: 0.0416585, Relative SD: 5.01471

Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	30.80	0.986	2.61e3	1.37e6	0.230	-8.0	0.765	MM
200601K1_2	1.00	0.77	NO	30.80	0.985	1.25e4	1.50e6	1.00	0.4	0.834	bb
200601K1_3	2.50	0.75	NO	30.80	0.985	2.68e4	1.44e6	2.40	-3.9	0.798	bb
200601K1_4	50.0	0.77	NO	30.80	0.985	5.95e5	1.38e6	52.0	4.1	0.865	bb
200601K1_5	400	0.75	NO	30.80	0.985	5.26e6	1.51e6	419	4.8	0.870	bb
200601K1_6	1000	0.78	NO	30.80	0.985	1.31e7	1.54e6	1030	2.7	0.853	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-52/69  
 Response Factor: 1.18655  
 RRF SD: 0.0541044, Relative SD: 4.63798  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.28	1.001	7.66e3	1.37e6	0.481	-3.8	1.12	MM
200801K1_2	2.00	0.79	NO	31.30	1.001	3.38e4	1.50e6	1.93	-3.4	1.13	bd
200801K1_3	5.00	0.79	NO	31.30	1.001	7.99e4	1.44e6	4.74	-5.2	1.11	bd
200801K1_4	100	0.76	NO	31.30	1.001	1.67e6	1.38e6	104	3.9	1.21	bd
200801K1_5	800	0.77	NO	31.30	1.001	1.49e7	1.51e6	845	5.6	1.23	bd
200801K1_6	2000	0.78	NO	31.30	1.001	3.69e7	1.54e6	2060	2.9	1.20	bd

Compound name: PCB-73  
 Response Factor: 1.44314  
 RRF SD: 0.12369, Relative SD: 6.57088  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.70	NO	31.41	1.005	4.29e3	1.37e6	0.218	-12.9	1.26	dd
200801K1_2	1.00	0.73	NO	31.41	1.005	2.10e4	1.50e6	0.971	-2.9	1.40	dd
200801K1_3	2.50	0.77	NO	31.41	1.005	4.90e4	1.44e6	2.35	-5.9	1.36	dd
200801K1_4	50.0	0.79	NO	31.41	1.005	1.06e6	1.38e6	53.5	7.0	1.54	dd
200801K1_5	400	0.77	NO	31.41	1.005	9.42e6	1.51e6	432	8.0	1.56	dd
200801K1_6	1000	0.77	NO	31.41	1.005	2.36e7	1.54e6	1070	6.7	1.54	dd

Compound name: PCB-43/49  
 Response Factor: 1.01613  
 RRF SD: 0.0523973, Relative SD: 5.15654  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.56	1.011	6.71e3	1.37e6	0.483	-3.3	0.982	db
200801K1_2	2.00	0.78	NO	31.58	1.010	2.91e4	1.50e6	1.91	-4.4	0.972	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-43/49

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	31.58	1.010	6.88e4	1.44e6	4.69	-6.2	0.953	dd
200601K1_4	100	0.77	NO	31.80	1.011	1.47e6	1.38e6	105	5.1	1.07	dd
200601K1_5	800	0.77	NO	31.58	1.010	1.28e7	1.51e6	835	4.4	1.06	dd
200601K1_6	2000	0.77	NO	31.58	1.010	3.26e7	1.54e6	2090	4.4	1.06	dd

Compound name: PCB-47

Response Factor: 0.92191

RRF SD: 0.0589335, Relative SD: 6.39255

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	31.78	1.001	3.20e3	1.44e6	0.241	-3.4	0.891	bd
200601K1_2	1.00	0.76	NO	31.80	1.001	1.48e4	1.59e6	1.00	0.4	0.928	dd
200601K1_3	2.50	0.79	NO	31.80	1.001	3.29e4	1.53e6	2.33	-6.7	0.880	dd
200601K1_4	50.0	0.77	NO	31.80	1.001	7.69e5	1.49e6	56.0	11.9	1.03	dd
200601K1_5	400	0.76	NO	31.80	1.001	5.90e6	1.80e6	400	-0.1	0.921	dd
200601K1_6	1000	0.76	NO	31.80	1.001	1.50e7	1.66e6	979	-2.1	0.902	dd

Compound name: PCB-48/75

Response Factor: 1.12021

RRF SD: 0.0667822, Relative SD: 5.96157

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	0.75	NO	31.90	1.004	7.31e3	1.44e6	0.454	-9.3	1.02	db
200601K1_2	2.00	0.76	NO	31.92	1.005	3.52e4	1.59e6	1.97	-1.5	1.10	db
200601K1_3	5.00	0.79	NO	31.92	1.004	8.41e4	1.53e6	4.91	-1.9	1.10	db
200601K1_4	100	0.77	NO	31.92	1.004	1.66e6	1.49e6	99.7	-0.3	1.12	db
200601K1_5	800	0.78	NO	31.92	1.004	1.54e7	1.60e6	859	7.4	1.20	db
200601K1_6	2000	0.76	NO	31.92	1.004	3.92e7	1.68e6	2110	5.8	1.18	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-85  
 Response Factor: 1.28219  
 RRF SD: 0.0574331, Relative SD: 4.47931  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.18	1.013	4.34e3	1.44e6	0.236	-5.8	1.21	bd
2	200801K1_2	1.00	0.85	NO	32.19	1.013	1.96e4	1.59e6	0.959	-4.1	1.23	bd
3	200801K1_3	2.50	0.71	NO	32.19	1.013	4.83e4	1.53e6	2.47	-1.4	1.28	bd
4	200801K1_4	50.0	0.76	NO	32.19	1.013	9.93e5	1.49e6	52.0	4.0	1.33	bd
5	200801K1_5	400	0.77	NO	32.19	1.013	8.65e6	1.60e6	421	5.4	1.35	bd
6	200801K1_6	1000	0.77	NO	32.19	1.013	2.17e7	1.68e6	1020	2.0	1.31	bd

Compound name: PCB-82  
 Response Factor: 1.12765  
 RRF SD: 0.0353947, Relative SD: 3.13879  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.72	NO	32.29	1.016	4.14e3	1.44e6	0.255	2.1	1.15	db
2	200801K1_2	1.00	0.70	NO	32.29	1.016	1.80e4	1.59e6	0.999	-0.1	1.13	dd
3	200801K1_3	2.50	0.79	NO	32.29	1.016	4.05e4	1.53e6	2.35	-6.1	1.06	dd
4	200801K1_4	50.0	0.76	NO	32.31	1.016	8.53e5	1.49e6	50.8	1.8	1.15	db
5	200801K1_5	400	0.79	NO	32.31	1.016	7.38e6	1.60e6	409	2.2	1.15	db
6	200801K1_6	1000	0.76	NO	32.31	1.016	1.88e7	1.68e6	1000	0.3	1.13	db

Compound name: PCB-44  
 Response Factor: 0.824154  
 RRF SD: 0.0474856, Relative SD: 5.75932  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.62	1.027	3.12e3	1.44e6	0.263	5.2	0.867	MM
2	200801K1_2	1.00	0.78	NO	32.62	1.027	1.16e4	1.59e6	0.895	-10.5	0.738	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-44**

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_3	2.50	0.75	NO	32.62	1.026	3.09e4	1.53e6	2.45	-1.9	0.806	dd
200601K1_4	50.0	0.79	NO	32.62	1.026	6.30e5	1.49e6	51.3	2.6	0.845	MM
200601K1_5	400	0.77	NO	32.62	1.026	5.51e6	1.60e6	418	4.4	0.860	db
200601K1_6	1000	0.77	NO	32.62	1.026	1.37e7	1.66e6	1000	0.2	0.826	db

**Compound name: PCB-42/59**

Response Factor: 1.04973

RRF SD: 0.0483426, Relative SD: 4.70053

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	0.76	NO	32.85	1.034	7.25e3	1.44e6	0.481	-3.9	1.01	bb
200601K1_2	2.00	0.81	NO	32.85	1.034	3.17e4	1.59e6	1.89	-5.4	0.994	db
200601K1_3	5.00	0.78	NO	32.85	1.033	7.78e4	1.53e6	4.85	-3.0	1.02	db
200601K1_4	100	0.78	NO	32.85	1.033	1.60e6	1.49e6	103	2.8	1.08	MM
200601K1_5	800	0.78	NO	32.85	1.033	1.43e7	1.60e6	850	6.2	1.12	bb
200601K1_6	2000	0.78	NO	32.85	1.033	3.60e7	1.66e6	2070	3.5	1.09	bb

**Compound name: PCB-41/64/71/72**

Response Factor: 1.18742

RRF SD: 0.0661253, Relative SD: 5.56883

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	1.00	0.74	NO	33.46	1.053	1.80e4	1.44e6	0.939	-6.1	1.12	MM
200601K1_2	4.00	0.74	NO	33.46	1.053	7.29e4	1.59e6	3.85	-3.7	1.14	bb
200601K1_3	10.0	0.78	NO	33.46	1.053	1.74e5	1.53e6	9.57	-4.3	1.14	MM
200601K1_4	200	0.79	NO	33.46	1.053	3.62e6	1.49e6	205	2.3	1.22	bb
200601K1_5	1800	0.77	NO	33.46	1.053	3.29e7	1.60e6	1730	8.2	1.29	bb
200601K1_6	4000	0.77	NO	33.46	1.053	8.18e7	1.66e6	4140	3.5	1.23	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-68  
 Response Factor: 1.27785  
 RRF SD: 0.0478803, Relative SD: 3.74694  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.75	NO	33.72	1.061	4.51e3	1.44e6	0.245	-1.9	1.25	bb
2	200601K1_2	1.00	0.75	NO	33.72	1.061	1.97e4	1.59e6	0.969	-3.1	1.24	bb
3	200601K1_3	2.50	0.77	NO	33.72	1.061	4.67e4	1.53e6	2.39	-4.4	1.22	MM
4	200601K1_4	50.0	0.76	NO	33.72	1.061	9.69e5	1.49e6	50.9	1.8	1.30	bd
5	200601K1_5	400	0.77	NO	33.72	1.061	8.63e6	1.60e6	422	5.5	1.35	bd
6	200601K1_6	1000	0.78	NO	33.72	1.061	2.16e7	1.66e6	1020	2.1	1.30	bd

Compound name: PCB-40  
 Response Factor: 0.802057  
 RRF SD: 0.0348124, Relative SD: 5.74902  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.71	NO	33.94	1.069	2.03e3	1.44e6	0.235	-6.2	0.565	bb
2	200601K1_2	1.00	0.74	NO	33.94	1.069	9.28e3	1.59e6	0.967	-3.3	0.562	MM
3	200601K1_3	2.50	0.77	NO	33.94	1.068	2.17e4	1.53e6	2.36	-5.7	0.566	db
4	200601K1_4	50.0	0.77	NO	33.94	1.068	4.64e5	1.49e6	51.7	3.3	0.622	db
5	200601K1_5	400	0.77	NO	33.94	1.068	4.12e6	1.60e6	426	7.0	0.644	db
6	200601K1_6	1000	0.78	NO	33.94	1.068	1.05e7	1.66e6	1050	4.8	0.631	db

Compound name: PCB-57  
 Response Factor: 1.16294  
 RRF SD: 0.0605093, Relative SD: 5.20312  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.79	NO	34.30	0.969	4.64e3	1.70e6	0.234	-6.4	1.09	bb
2	200601K1_2	1.00	0.74	NO	34.32	0.969	2.02e4	1.84e6	0.946	-5.4	1.10	bb



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-57**

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.74	NO	34.32	0.969	5.14e4	1.79e6	2.46	-1.4	1.15	MM
200601K1_4	50.0	0.77	NO	34.32	0.969	1.04e6	1.73e6	51.4	2.8	1.20	bb
200601K1_5	400	0.79	NO	34.32	0.969	9.05e6	1.84e6	423	5.8	1.23	bb
200601K1_6	1000	0.76	NO	34.32	0.969	2.31e7	1.90e6	1050	4.6	1.22	bb

**Compound name: PCB-67**

Response Factor: 1.0841

RRF SD: 0.0420751, Relative SD: 3.8811

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	34.63	0.978	4.35e3	1.70e6	0.235	-5.8	1.02	bd
200601K1_2	1.00	0.75	NO	34.63	0.978	1.95e4	1.84e6	0.979	-2.1	1.06	bd
200601K1_3	2.50	0.78	NO	34.63	0.978	4.82e4	1.79e6	2.48	-0.9	1.07	bd
200601K1_4	50.0	0.75	NO	34.63	0.978	9.48e5	1.73e6	50.4	0.9	1.09	bd
200601K1_5	400	0.76	NO	34.63	0.978	8.40e6	1.84e6	422	5.4	1.14	bd
200601K1_6	1000	0.78	NO	34.63	0.978	2.11e7	1.90e6	1020	2.5	1.11	bd

**Compound name: PCB-58**

Response Factor: 1.20403

RRF SD: 0.0834546, Relative SD: 6.93126

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.80	NO	34.74	0.982	4.98e3	1.70e6	0.243	-2.8	1.17	dd
200601K1_2	1.00	0.80	NO	34.74	0.981	2.02e4	1.84e6	0.910	-9.0	1.10	dd
200601K1_3	2.50	0.78	NO	34.76	0.982	5.08e4	1.79e6	2.35	-5.9	1.13	dd
200601K1_4	50.0	0.75	NO	34.76	0.982	1.09e6	1.73e6	52.1	4.1	1.25	dd
200601K1_5	400	0.78	NO	34.76	0.982	9.62e6	1.84e6	435	8.7	1.31	dd
200601K1_6	1000	0.78	NO	34.76	0.982	2.40e7	1.90e6	1050	5.0	1.26	dd

Dataset: U:\VG11.PRO\Results200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-63  
 Response Factor: 1.07187  
 RRF SD: 0.049724, Relative SD: 4.639  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.250	0.82	NO	34.91	0.988	4.33e3	1.70e6	0.237	-5.1	1.02	db
2	200601K1_2	1.00	0.75	NO	34.91	0.988	1.92e4	1.84e6	0.972	-2.8	1.04	dd
3	200601K1_3	2.50	0.79	NO	34.91	0.988	4.66e4	1.79e6	2.42	-3.2	1.04	db
4	200601K1_4	50.0	0.77	NO	34.91	0.988	9.31e5	1.73e6	50.1	0.2	1.07	db
5	200601K1_5	400	0.78	NO	34.91	0.988	8.42e6	1.84e6	427	6.8	1.14	db
6	200601K1_6	1000	0.77	NO	34.91	0.988	2.12e7	1.90e6	1040	4.1	1.12	db

Compound name: PCB-74  
 Response Factor: 1.18508  
 RRF SD: 0.0699946, Relative SD: 5.90632  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.250	0.82	NO	35.21	0.995	4.68e3	1.70e6	0.232	-7.3	1.10	bd
2	200601K1_2	1.00	0.74	NO	35.21	0.994	2.06e4	1.84e6	0.943	-5.7	1.12	MM
3	200601K1_3	2.50	0.74	NO	35.21	0.994	5.22e4	1.79e6	2.46	-1.8	1.16	MM
4	200601K1_4	50.0	0.77	NO	35.21	0.994	1.05e6	1.73e6	51.3	2.6	1.22	bd
5	200601K1_5	400	0.76	NO	35.21	0.994	9.38e6	1.84e6	430	7.6	1.28	bd
6	200601K1_6	1000	0.77	NO	35.21	0.994	2.36e7	1.90e6	1050	4.5	1.24	bd

Compound name: PCB-81/70  
 Response Factor: 1.05421  
 RRF SD: 0.062537, Relative SD: 5.9321  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.500	0.86	NO	35.41	1.000	8.47e3	1.70e6	0.472	-5.7	0.994	MM
2	200601K1_2	2.00	0.78	NO	35.34	0.998	3.65e4	1.84e6	1.88	-5.8	0.993	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-61/70

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	35.34	0.998	9.20e4	1.79e6	4.86	-2.7	1.03	MM
200601K1_4	100	0.78	NO	35.43	1.000	1.90e6	1.73e6	104	3.9	1.10	MM
200601K1_5	800	0.78	NO	35.43	1.000	1.67e7	1.84e6	859	7.4	1.13	MM
200601K1_6	2000	0.78	NO	35.43	1.000	4.18e7	1.90e6	2080	4.2	1.10	MM

Compound name: PCB-76/86

Response Factor: 1.16443

RRF SD: 0.0785507, Relative SD: 6.5741

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	0.78	NO	35.62	1.006	9.04e3	1.70e6	0.456	-8.9	1.06	MM
200601K1_2	2.00	0.75	NO	35.58	1.005	4.11e4	1.84e6	1.92	-4.0	1.12	dd
200601K1_3	5.00	0.78	NO	35.60	1.005	9.65e4	1.79e6	4.72	-5.7	1.10	MM
200601K1_4	100	0.78	NO	35.60	1.005	2.09e6	1.73e6	104	3.8	1.21	dd
200601K1_5	800	0.77	NO	35.64	1.006	1.65e7	1.84e6	862	7.7	1.25	dd
200601K1_6	2000	0.78	NO	35.64	1.006	4.89e7	1.90e6	2120	5.9	1.23	dd

Compound name: PCB-80

Response Factor: 1.18682

RRF SD: 0.0586291, Relative SD: 4.94003

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.83	NO	35.86	1.000	4.91e3	1.75e6	0.236	-5.5	1.12	MM
200601K1_2	1.00	0.77	NO	35.86	1.000	2.09e4	1.87e6	0.941	-5.9	1.12	db
200601K1_3	2.50	0.78	NO	35.86	1.000	5.45e4	1.86e6	2.47	-1.2	1.17	MM
200601K1_4	50.0	0.78	NO	35.86	1.000	1.10e6	1.79e6	51.5	3.1	1.22	db
200601K1_5	400	0.78	NO	35.86	1.000	9.53e6	1.90e6	422	5.5	1.25	db
200601K1_6	1000	0.78	NO	35.86	1.000	2.45e7	1.99e6	1040	4.0	1.23	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-55**

Response Factor: 1.16899

RRF SD: 0.0699531, Relative SD: 5.98407

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	ny	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.86	NO	36.18	1.009	4.80e3	1.75e6	0.235	-6.1	1.10	MM
2	200601K1_2	1.00	0.81	NO	36.18	1.010	2.10e4	1.87e6	0.959	-4.1	1.12	MM
3	200601K1_3	2.50	0.76	NO	36.18	1.010	5.16e4	1.86e6	2.37	-5.1	1.11	MM
4	200601K1_4	50.0	0.77	NO	36.18	1.010	1.07e6	1.79e6	51.0	2.1	1.19	MM
5	200601K1_5	400	0.77	NO	36.18	1.010	9.66e6	1.90e6	434	8.6	1.27	MM
6	200601K1_6	1000	0.77	NO	36.18	1.010	2.43e7	1.99e6	1050	4.8	1.22	MM

**Compound name: PCB-56/60**

Response Factor: 1.01793

RRF SD: 0.0552104, Relative SD: 5.42377

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	ny	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	0.85	NO	36.70	1.024	8.20e3	1.75e6	0.460	-8.0	0.937	MM
2	200601K1_2	2.00	0.78	NO	36.70	1.024	3.71e4	1.87e6	1.95	-2.7	0.991	MM
3	200601K1_3	5.00	0.78	NO	36.70	1.024	9.24e4	1.86e6	4.88	-2.4	0.993	bb
4	200601K1_4	100	0.77	NO	36.70	1.024	1.86e6	1.79e6	102	2.1	1.04	bb
5	200601K1_5	800	0.77	NO	36.70	1.024	1.86e7	1.90e6	859	7.3	1.09	bb
6	200601K1_6	2000	0.77	NO	36.70	1.024	4.19e7	1.99e6	2070	3.8	1.05	bb

**Compound name: PCB-79**

Response Factor: 1.13843

RRF SD: 0.0710526, Relative SD: 6.24129

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	ny	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.80	NO	37.80	1.054	4.62e3	1.75e6	0.232	-7.2	1.06	MM
2	200601K1_2	1.00	0.87	NO	37.80	1.054	2.03e4	1.87e6	0.950	-5.0	1.08	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-79**

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.80	NO	37.80	1.054	5.06e4	1.86e6	2.39	-4.3	1.09	MM
200601K1_4	50.0	0.77	NO	37.80	1.054	1.06e6	1.79e6	51.8	3.6	1.18	bb
200601K1_5	400	0.77	NO	37.81	1.055	9.30e6	1.90e6	430	7.4	1.22	bb
200601K1_6	1000	0.77	NO	37.81	1.055	2.39e7	1.99e6	1060	5.6	1.20	bb

**Compound name: PCB-78**

Response Factor: 1.13645

RRF SD: 0.0648397, Relative SD: 5.70544

Response type: Internal Std ( Ref 183 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	39.50	0.988	4.37e3	1.65e6	0.234	-6.6	1.08	MM
200601K1_2	1.00	0.72	NO	39.52	0.987	1.92e4	1.76e6	0.959	-4.1	1.09	MM
200601K1_3	2.50	0.77	NO	39.52	0.987	4.87e4	1.80e6	2.38	-4.7	1.08	MM
200601K1_4	50.0	0.77	NO	39.52	0.987	1.02e6	1.70e6	52.5	4.9	1.19	MM
200601K1_5	400	0.79	NO	39.52	0.987	8.97e6	1.88e6	420	5.1	1.19	MM
200601K1_6	1000	0.78	NO	39.52	0.987	2.33e7	1.94e6	1050	5.5	1.20	MM

**Compound name: PCB-81**

Response Factor: 1.04638

RRF SD: 0.0531934, Relative SD: 5.08358

Response type: Internal Std ( Ref 183 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.71	NO	39.08	1.000	3.97e3	1.85e6	0.230	-7.9	0.964	MM
200601K1_2	1.00	0.76	NO	39.08	1.000	1.82e4	1.76e6	0.987	-1.3	1.03	MM
200601K1_3	2.50	0.75	NO	39.08	1.000	4.55e4	1.80e6	2.41	-3.4	1.01	MM
200601K1_4	50.0	0.77	NO	39.08	1.000	9.27e5	1.70e6	52.0	4.1	1.09	MM
200601K1_5	400	0.76	NO	39.08	1.000	8.26e6	1.88e6	420	5.0	1.10	MM
200601K1_6	1000	0.75	NO	39.08	1.000	2.10e7	1.94e6	1040	3.5	1.08	dd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-77**

Response Factor: 1.13899

RRF SD: 0.0451791, Relative SD: 3.97357

Response type: Internal Std ( Ref 184 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	0.83	NO	39.67	1.000	4.37e3	1.59e6	0.241	-3.5	1.10	MM
200801K1_2	1.00	0.80	NO	39.67	1.000	1.89e4	1.71e6	0.972	-2.8	1.11	MM
200801K1_3	2.50	0.80	NO	39.67	1.000	4.78e4	1.75e6	2.40	-4.0	1.09	MM
200801K1_4	50.0	0.77	NO	39.67	1.000	1.00e6	1.69e6	52.1	4.2	1.18	MM
200801K1_5	400	0.77	NO	39.67	1.000	8.76e6	1.84e6	420	5.0	1.19	MM
200801K1_6	1000	0.78	NO	39.67	1.000	2.23e7	1.94e6	1010	1.1	1.15	MM

**Compound name: PCB-104**

Response Factor: 1.12208

RRF SD: 0.11916, Relative SD: 10.6196

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.37	NO	32.47	1.001	2.59e3	1.12e6	0.206	-17.7	0.924	MM
200801K1_2	1.00	1.55	NO	32.47	1.001	1.33e4	1.28e6	0.942	-5.8	1.06	bb
200801K1_3	2.50	1.52	NO	32.47	1.001	3.30e4	1.20e6	2.48	-1.8	1.10	bb
200801K1_4	50.0	1.57	NO	32.47	1.001	7.02e5	1.17e6	53.2	6.5	1.19	bb
200801K1_5	400	1.55	NO	32.47	1.001	6.29e6	1.28e6	437	9.3	1.23	bb
200801K1_6	1000	1.56	NO	32.47	1.001	1.57e7	1.28e6	1090	9.3	1.23	bb

**Compound name: PCB-96**

Response Factor: 1.15383

RRF SD: 0.0979018, Relative SD: 8.48491

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.77	NO	33.78	1.041	2.64e3	1.12e6	0.220	-12.2	1.01	MM
200801K1_2	1.00	1.54	NO	33.78	1.041	1.35e4	1.28e6	0.932	-6.8	1.08	bb



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-96**

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.49	NO	33.78	1.041	3.37e4	1.20e6	2.45	-2.2	1.13	bb
200601K1_4	50.0	1.58	NO	33.78	1.041	7.07e5	1.17e6	52.2	4.3	1.20	bb
200601K1_5	400	1.57	NO	33.78	1.041	6.41e6	1.28e6	434	8.4	1.25	bb
200601K1_6	1000	1.57	NO	33.78	1.041	1.80e7	1.28e6	1080	8.4	1.25	bb

**Compound name: PCB-103**

Response Factor: 0.936494

RRF SD: 0.0702306, Relative SD: 7.49931

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.66	NO	34.33	1.059	2.72e3	1.12e6	0.259	3.5	0.969	MM
200601K1_2	1.00	1.75	NO	34.33	1.058	1.06e4	1.26e6	0.898	-10.2	0.841	MM
200601K1_3	2.50	1.71	NO	34.33	1.058	2.57e4	1.20e6	2.30	-8.0	0.862	bb
200601K1_4	50.0	1.56	NO	34.33	1.058	5.53e5	1.17e6	50.3	0.8	0.942	bb
200601K1_5	400	1.58	NO	34.33	1.058	5.08e6	1.28e6	423	5.7	0.990	bb
200601K1_6	1000	1.55	NO	34.33	1.058	1.30e7	1.28e6	1080	6.3	1.01	bb

**Compound name: PCB-100**

Response Factor: 0.953574

RRF SD: 0.0599585, Relative SD: 6.28777

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	34.69	1.069	2.84e3	1.12e6	0.247	-1.3	0.941	bb
200601K1_2	1.00	1.46	NO	34.69	1.069	1.09e4	1.28e6	0.913	-8.7	0.870	MM
200601K1_3	2.50	1.72	NO	34.71	1.069	2.72e4	1.20e6	2.38	-4.7	0.908	bb
200601K1_4	50.0	1.58	NO	34.71	1.069	5.86e5	1.17e6	50.5	1.0	0.963	bb
200601K1_5	400	1.57	NO	34.71	1.069	5.18e6	1.28e6	422	5.5	1.01	bb
200601K1_6	1000	1.55	NO	34.71	1.069	1.32e7	1.28e6	1080	6.2	1.03	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-94**

Response Factor: 0.948862

RRF SD: 0.0587427, Relative SD: 6.19086

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.87	NO	35.17	0.985	2.16e3	8.86e5	0.257	2.8	0.975	MM
2	200601K1_2	1.00	1.51	NO	35.19	0.985	8.32e3	9.63e5	0.910	-9.0	0.863	bb
3	200601K1_3	2.50	1.49	NO	35.19	0.985	2.12e4	9.53e5	2.35	-6.1	0.891	bb
4	200601K1_4	50.0	1.57	NO	35.19	0.985	4.48e5	9.36e5	50.5	0.9	0.958	bb
5	200601K1_5	400	1.57	NO	35.19	0.985	4.07e6	1.01e6	424	6.0	1.01	bb
6	200601K1_6	1000	1.57	NO	35.19	0.985	1.05e7	1.05e6	1050	5.4	1.00	bb

**Compound name: PCB-95/98/102**

Response Factor: 1.20445

RRF SD: 0.061353, Relative SD: 5.09384

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.750	1.52	NO	35.66	0.998	7.52e3	8.86e5	0.704	-6.1	1.13	MM
2	200601K1_2	3.00	1.52	NO	35.67	0.999	3.47e4	9.63e5	2.99	-0.3	1.20	bd
3	200601K1_3	7.50	1.61	NO	35.67	0.999	8.12e4	9.53e5	7.08	-5.6	1.14	dd
4	200601K1_4	150	1.57	NO	35.67	0.998	1.72e6	9.36e5	152	1.5	1.22	bd
5	200601K1_5	1200	1.56	NO	35.67	0.998	1.56e7	1.01e6	1260	6.5	1.28	bd
6	200601K1_6	3000	1.57	NO	35.67	0.998	3.94e7	1.05e6	3120	4.0	1.25	bd

**Compound name: PCB-83**

Response Factor: 0.935009

RRF SD: 0.088569, Relative SD: 9.47253

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.42	NO	35.82	1.003	1.78e3	8.86e5	0.215	-14.0	0.805	MM
2	200601K1_2	1.00	1.59	NO	35.81	1.003	8.62e3	9.63e5	0.957	-4.3	0.895	dd

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-83

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.70	NO	35.81	1.003	2.10e4	9.53e5	2.36	-5.5	0.884	dd
200801K1_4	50.0	1.83	NO	35.81	1.002	4.57e5	9.36e5	52.3	4.5	0.977	db
200801K1_5	400	1.80	NO	35.82	1.003	4.17e6	1.01e6	441	10.3	1.03	db
200801K1_6	1000	1.59	NO	35.82	1.003	1.07e7	1.05e6	1090	8.9	1.02	db

Compound name: PCB-88/91

Response Factor: 1.06482

RRF SD: 0.0420968, Relative SD: 3.95341

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.77	NO	36.14	1.012	4.58e3	8.86e5	0.485	-3.0	1.03	dd
200801K1_2	2.00	1.52	NO	36.14	1.012	2.02e4	9.63e5	1.97	-1.5	1.05	MM
200801K1_3	5.00	1.53	NO	36.14	1.012	4.83e4	9.53e5	4.76	-4.8	1.01	dd
200801K1_4	100	1.56	NO	36.16	1.012	9.97e5	9.36e5	100	0.0	1.07	MM
200801K1_5	800	1.55	NO	36.16	1.012	9.06e6	1.01e6	842	5.2	1.12	bd
200801K1_6	2000	1.56	NO	36.16	1.012	2.32e7	1.05e6	2080	4.0	1.11	bd

Compound name: PCB-121

Response Factor: 1.70958

RRF SD: 0.131372, Relative SD: 7.68456

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.84	NO	36.23	1.015	4.15e3	8.86e5	0.274	9.5	1.87	db
200801K1_2	1.00	1.86	NO	36.23	1.015	1.50e4	9.63e5	0.910	-9.0	1.58	db
200801K1_3	2.50	1.85	NO	36.25	1.015	3.70e4	9.53e5	2.27	-9.2	1.55	dd
200801K1_4	50.0	1.56	NO	36.25	1.015	7.99e5	9.36e5	50.0	-0.1	1.71	db
200801K1_5	400	1.59	NO	36.25	1.015	7.25e6	1.01e6	420	4.9	1.79	db
200801K1_6	1000	1.59	NO	36.25	1.015	1.86e7	1.05e6	1040	3.8	1.77	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-84/92**

Response Factor: 1.01774

RRF SD: 0.0662787, Relative SD: 6.51234

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.74	NO	37.09	0.990	3.96e3	8.58e5	0.454	-9.1	0.925	MM
200601K1_2	2.00	1.51	NO	37.09	0.990	1.83e4	9.58e5	1.88	-8.1	0.958	bd
200601K1_3	5.00	1.58	NO	37.09	0.990	4.76e4	9.39e5	4.98	-0.3	1.01	bd
200601K1_4	100	1.57	NO	37.09	0.990	9.53e5	9.13e5	102	2.5	1.04	bd
200601K1_5	800	1.57	NO	37.09	0.990	8.79e6	1.01e6	858	7.2	1.09	bd
200601K1_6	2000	1.58	NO	37.09	0.990	2.23e7	1.04e6	2120	5.8	1.08	bd

**Compound name: PCB-89**

Response Factor: 1.1051

RRF SD: 0.0694328, Relative SD: 6.28293

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.77	NO	37.28	0.995	2.45e3	8.58e5	0.259	3.5	1.14	MM
200601K1_2	1.00	1.58	NO	37.28	0.995	9.36e3	9.58e5	0.885	-11.5	0.978	dd
200601K1_3	2.50	1.58	NO	37.29	0.998	2.53e4	9.39e5	2.44	-2.5	1.08	dd
200601K1_4	50.0	1.54	NO	37.29	0.998	5.14e5	9.13e5	50.9	1.9	1.13	dd
200601K1_5	400	1.57	NO	37.29	0.998	4.71e6	1.01e6	424	5.9	1.17	dd
200601K1_6	1000	1.58	NO	37.29	0.998	1.18e7	1.04e6	1030	2.7	1.13	dd

**Compound name: PCB-90/101**

Response Factor: 1.12263

RRF SD: 0.0479543, Relative SD: 4.27159

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.57	NO	37.46	1.000	4.62e3	8.58e5	0.481	-3.8	1.08	db
200601K1_2	2.00	1.58	NO	37.46	1.000	2.07e4	9.58e5	1.93	-3.7	1.08	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-90/101

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.66	NO	37.48	1.000	5.09e4	9.39e5	4.83	-3.4	1.08	dd
200601K1_4	100	1.58	NO	37.48	1.000	1.04e6	9.13e5	101	1.5	1.14	dd
200601K1_5	800	1.58	NO	37.48	1.000	9.62e6	1.01e6	851	6.4	1.19	dd
200601K1_6	2000	1.58	NO	37.48	1.000	2.40e7	1.04e6	2060	3.0	1.16	dd

Compound name: PCB-113

Response Factor: 1.51404

RRF SD: 0.104163, Relative SD: 6.87979

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	37.72	1.007	2.80e3	8.56e5	0.216	-13.7	1.31	MM
200601K1_2	1.00	1.48	NO	37.72	1.007	1.47e4	9.58e5	1.02	1.5	1.54	dd
200601K1_3	2.50	1.59	NO	37.72	1.007	3.61e4	9.39e5	2.54	1.5	1.54	dd
200601K1_4	50.0	1.57	NO	37.72	1.007	7.07e5	9.13e5	51.1	2.2	1.55	dd
200601K1_5	400	1.57	NO	37.72	1.007	6.45e6	1.01e6	423	5.8	1.60	dd
200601K1_6	1000	1.57	NO	37.72	1.007	1.61e7	1.04e6	1030	2.6	1.55	dd

Compound name: PCB-99

Response Factor: 1.32101

RRF SD: 0.111661, Relative SD: 8.45271

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.51	NO	37.81	1.009	3.12e3	8.56e5	0.276	10.3	1.46	MM
200601K1_2	1.00	1.53	NO	37.81	1.009	1.15e4	9.58e5	0.907	-9.3	1.20	db
200601K1_3	2.50	1.66	NO	37.81	1.009	2.78e4	9.39e5	2.24	-10.5	1.18	db
200601K1_4	50.0	1.62	NO	37.81	1.009	6.00e5	9.13e5	49.7	-0.5	1.31	db
200601K1_5	400	1.60	NO	37.83	1.010	5.65e6	1.01e6	425	6.2	1.40	db
200601K1_6	1000	1.57	NO	37.83	1.010	1.42e7	1.04e6	1040	3.8	1.37	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-119

Response Factor: 1.80526

RRF SD: 0.0967589, Relative SD: 5.35982

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.64	NO	38.30	0.987	3.62e3	7.55e5	0.265	6.1	1.92	bd
200601K1_2	1.00	1.55	NO	38.30	0.987	1.42e4	8.31e5	0.948	-5.2	1.71	dd
200601K1_3	2.50	1.50	NO	38.30	0.987	3.42e4	8.21e5	2.31	-7.7	1.67	bd
200601K1_4	50.0	1.57	NO	38.30	0.987	7.20e5	7.95e5	50.2	0.4	1.81	bd
200601K1_5	400	1.55	NO	38.30	0.987	6.73e6	9.02e5	413	3.3	1.87	bd
200601K1_6	1000	1.56	NO	38.30	0.987	1.70e7	9.13e5	1030	3.1	1.86	bd

Compound name: PCB-108/112

Response Factor: 1.44497

RRF SD: 0.091955, Relative SD: 6.36379

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.61	NO	38.45	0.991	5.26e3	7.55e5	0.482	-3.6	1.39	dd
200601K1_2	2.00	1.50	NO	38.45	0.991	2.21e4	8.31e5	1.84	-7.9	1.33	dd
200601K1_3	5.00	1.57	NO	38.45	0.991	5.62e4	8.21e5	4.74	-5.3	1.37	dd
200601K1_4	100	1.57	NO	38.47	0.991	1.19e6	7.95e5	104	3.8	1.50	dd
200601K1_5	800	1.56	NO	38.47	0.991	1.11e7	9.02e5	851	6.4	1.54	dd
200601K1_6	2000	1.57	NO	38.47	0.991	2.81e7	9.13e5	2130	6.6	1.54	dd

Compound name: PCB-83

Response Factor: 1.83179

RRF SD: 0.0986786, Relative SD: 5.387

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.60	NO	38.61	0.995	3.44e3	7.55e5	0.249	-0.4	1.82	dd
200601K1_2	1.00	1.63	NO	38.61	0.995	1.41e4	8.31e5	0.929	-7.1	1.70	dd



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-83

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_3	2.50	1.52	NO	38.61	0.995	3.54e4	8.21e5	2.38	-5.8	1.73	dd
200601K1_4	50.0	1.59	NO	38.63	0.998	7.53e5	7.95e5	51.7	3.4	1.89	dd
200601K1_5	400	1.57	NO	38.63	0.998	8.96e6	9.02e5	421	5.3	1.93	dd
200601K1_6	1000	1.57	NO	38.63	0.998	1.75e7	9.13e5	1050	4.6	1.92	dd

Compound name: PCB-87

Response Factor: 1.28197

RRF SD: 0.0538988, Relative SD: 4.20437

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.36	NO	38.82	1.000	2.35e3	7.55e5	0.243	-2.9	1.25	MM
200601K1_2	1.00	1.42	NO	38.82	1.000	1.01e4	8.31e5	0.949	-5.1	1.22	dd
200601K1_3	2.50	1.48	NO	38.84	1.001	2.56e4	8.21e5	2.43	-2.8	1.25	dd
200601K1_4	50.0	1.58	NO	38.84	1.001	5.17e5	7.95e5	50.7	1.4	1.30	dd
200601K1_5	400	1.58	NO	38.84	1.001	4.86e6	9.02e5	420	5.0	1.35	dd
200601K1_6	1000	1.58	NO	38.84	1.001	1.22e7	9.13e5	1040	4.4	1.34	dd

Compound name: PCB-88

Response Factor: 1.11715

RRF SD: 0.0744773, Relative SD: 8.6867

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.47	NO	38.97	1.004	1.84e3	7.55e5	0.219	-12.8	0.977	dd
200601K1_2	1.00	1.82	NO	38.99	1.005	9.15e3	8.31e5	0.985	-1.5	1.10	dd
200601K1_3	2.50	1.83	NO	38.99	1.005	2.31e4	8.21e5	2.52	0.6	1.12	dd
200601K1_4	50.0	1.58	NO	38.99	1.005	4.60e5	7.95e5	51.8	3.6	1.16	dd
200601K1_5	400	1.57	NO	38.99	1.005	4.23e6	9.02e5	420	4.9	1.17	dd
200601K1_6	1000	1.55	NO	38.99	1.005	1.07e7	9.13e5	1050	4.9	1.17	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-87/117/125

Response Factor: 1.55887

RRF SD: 0.10978, Relative SD: 7.04225

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.750	1.69	NO	39.10	1.008	8.41e3	7.55e5	0.714	-4.8	1.48	dd
200601K1_2	3.00	1.54	NO	39.12	1.008	3.56e4	8.31e5	2.74	-8.5	1.43	dd
200601K1_3	7.50	1.62	NO	39.12	1.008	9.10e4	8.21e5	7.11	-5.2	1.48	dd
200601K1_4	150	1.57	NO	39.12	1.008	1.92e6	7.95e5	155	3.4	1.61	dd
200601K1_5	1200	1.57	NO	39.12	1.008	1.82e7	9.02e5	1290	7.6	1.68	dd
200601K1_6	3000	1.57	NO	39.12	1.008	4.59e7	9.13e5	3220	7.5	1.68	dd

Compound name: PCB-111/115

Response Factor: 1.91042

RRF SD: 0.105925, Relative SD: 5.54456

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.58	NO	39.27	1.012	6.99e3	7.55e5	0.485	-3.1	1.85	dd
200601K1_2	2.00	1.41	NO	39.27	1.012	2.93e4	8.31e5	1.85	-7.6	1.77	dd
200601K1_3	5.00	1.62	NO	39.27	1.012	7.57e4	8.21e5	4.82	-3.5	1.84	dd
200601K1_4	100	1.57	NO	39.27	1.012	1.56e6	7.95e5	103	2.8	1.96	dd
200601K1_5	800	1.57	NO	39.27	1.012	1.46e7	9.02e5	847	5.6	2.02	dd
200601K1_6	2000	1.55	NO	39.28	1.013	3.69e7	9.13e5	2120	5.8	2.02	dd

Compound name: PCB-85/116

Response Factor: 1.41084

RRF SD: 0.0937905, Relative SD: 6.64783

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.72	NO	39.40	1.015	5.54e3	7.55e5	0.520	4.0	1.47	db
200601K1_2	2.00	1.42	NO	39.40	1.015	2.11e4	8.31e5	1.79	-10.3	1.27	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-85/116

Name	Std. Conc.	RA	nly	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.54	NO	39.40	1.015	5.42e4	8.21e5	4.68	-6.4	1.32	dd
200601K1_4	100	1.58	NO	39.40	1.015	1.15e6	7.95e5	102	2.3	1.44	db
200601K1_5	800	1.58	NO	39.40	1.015	1.07e7	9.02e5	842	5.2	1.48	db
200601K1_6	2000	1.60	NO	39.40	1.015	2.71e7	9.13e5	2100	5.2	1.48	db

Compound name: PCB-120

Response Factor: 2.00504

RRF SD: 0.113682, Relative SD: 5.66984

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nly	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	39.84	1.022	3.56e3	7.55e5	0.235	-6.0	1.88	bd
200601K1_2	1.00	1.56	NO	39.66	1.022	1.80e4	8.31e5	0.959	-4.1	1.92	dd
200601K1_3	2.50	1.56	NO	39.66	1.022	3.91e4	8.21e5	2.37	-5.1	1.90	dd
200601K1_4	50.0	1.56	NO	39.66	1.022	8.25e5	7.95e5	51.8	3.5	2.08	bd
200601K1_5	400	1.59	NO	39.66	1.022	7.83e6	9.02e5	422	5.4	2.11	bd
200601K1_6	1000	1.56	NO	39.66	1.022	1.95e7	9.13e5	1060	6.3	2.13	bd

Compound name: PCB-110

Response Factor: 1.74266

RRF SD: 0.0926364, Relative SD: 5.3158

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nly	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.62	NO	39.79	1.025	3.10e3	7.55e5	0.235	-5.9	1.84	db
200601K1_2	1.00	1.56	NO	39.81	1.026	1.38e4	8.31e5	0.954	-4.8	1.86	MM
200601K1_3	2.50	1.56	NO	39.81	1.026	3.44e4	8.21e5	2.40	-3.9	1.87	db
200601K1_4	50.0	1.58	NO	39.81	1.026	7.19e5	7.95e5	51.9	3.8	1.81	db
200601K1_5	400	1.58	NO	39.81	1.026	6.65e6	9.02e5	423	5.7	1.84	db
200601K1_6	1000	1.58	NO	39.81	1.026	1.67e7	9.13e5	1050	4.8	1.83	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-82  
 Response Factor: 0.781273  
 RRF SD: 0.0477185, Relative SD: 6.10778  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.38	NO	40.44	0.976	1.88e3	1.02e6	0.237	-5.4	0.739	MM
200601K1_2	1.00	1.79	NO	40.44	0.976	8.26e3	1.11e6	0.956	-4.4	0.747	MM
200601K1_3	2.50	1.57	NO	40.44	0.976	2.04e4	1.12e6	2.34	-6.5	0.731	dd
200601K1_4	50.0	1.57	NO	40.46	0.976	4.35e5	1.07e6	52.1	4.3	0.815	bb
200601K1_5	400	1.56	NO	40.46	0.976	3.98e6	1.18e6	431	7.8	0.842	bb
200601K1_6	1000	1.55	NO	40.46	0.976	1.00e7	1.23e6	1040	4.1	0.814	bb

Compound name: PCB-124  
 Response Factor: 1.39686  
 RRF SD: 0.11391, Relative SD: 8.15474  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.51	NO	41.15	0.993	3.66e3	1.02e6	0.257	2.9	1.44	MM
200601K1_2	1.00	1.81	NO	41.15	0.993	1.33e4	1.11e6	0.864	-13.6	1.21	bd
200601K1_3	2.50	1.49	NO	41.15	0.993	3.66e4	1.12e6	2.35	-6.1	1.31	bd
200601K1_4	50.0	1.57	NO	41.16	0.993	7.76e5	1.07e6	52.0	4.0	1.45	bd
200601K1_5	400	1.57	NO	41.16	0.993	7.10e6	1.18e6	431	7.7	1.50	bd
200601K1_6	1000	1.56	NO	41.16	0.993	1.81e7	1.23e6	1050	5.2	1.47	bd

Compound name: PCB-107/109  
 Response Factor: 1.3418  
 RRF SD: 0.112451, Relative SD: 8.38064  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	1.52	NO	41.31	0.997	6.09e3	1.02e6	0.446	-10.9	1.20	dd
200601K1_2	2.00	1.81	NO	41.29	0.996	2.87e4	1.11e6	1.93	-3.4	1.30	dd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-107/109

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.48	NO	41.29	0.998	6.93e4	1.12e6	4.83	-7.5	1.24	dd
200801K1_4	100	1.58	NO	41.29	0.998	1.50e6	1.07e6	105	4.9	1.41	dd
200801K1_5	800	1.58	NO	41.29	0.998	1.38e7	1.18e6	871	8.8	1.48	dd
200801K1_6	2000	1.58	NO	41.29	0.998	3.57e7	1.23e6	2160	8.0	1.45	dd

Compound name: PCB-123

Response Factor: 1.19789

RRF SD: 0.0778787, Relative SD: 6.48483

Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.66	NO	41.48	1.001	2.87e3	1.02e6	0.236	-5.7	1.13	db
200801K1_2	1.00	1.57	NO	41.48	1.001	1.21e4	1.11e6	0.917	-8.3	1.10	dd
200801K1_3	2.50	1.54	NO	41.48	1.001	3.25e4	1.12e6	2.43	-2.7	1.17	dd
200801K1_4	50.0	1.58	NO	41.48	1.000	6.69e5	1.07e6	52.3	4.8	1.25	dd
200801K1_5	400	1.58	NO	41.48	1.000	6.11e6	1.18e6	432	7.9	1.29	dd
200801K1_6	1000	1.58	NO	41.48	1.000	1.54e7	1.23e6	1040	4.2	1.25	dd

Compound name: PCB-106/118

Response Factor: 1.21941

RRF SD: 0.102837, Relative SD: 8.43331

Response type: Internal Std ( Ref 190 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.34	NO	41.67	1.001	5.58e3	1.07e6	0.426	-14.8	1.04	MM
200801K1_2	2.00	1.73	NO	41.69	1.001	2.72e4	1.17e6	1.92	-4.2	1.17	MM
200801K1_3	5.00	1.55	NO	41.69	1.001	7.07e4	1.16e6	5.01	0.2	1.22	MM
200801K1_4	100	1.57	NO	41.69	1.001	1.44e6	1.12e6	105	5.5	1.29	MM
200801K1_5	800	1.58	NO	41.69	1.001	1.33e7	1.27e6	881	7.8	1.31	MM
200801K1_6	2000	1.58	NO	41.69	1.001	3.40e7	1.32e6	2110	5.7	1.29	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-114  
 Response Factor: 1.14116  
 RRF SD: 0.0850793, Relative SD: 7.45549  
 Response type: Internal Std ( Ref 191 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	42.32	1.000	3.86e3	1.38e6	0.248	-0.7	1.13	MM
200601K1_2	1.00	1.64	NO	42.34	1.001	1.48e4	1.45e6	0.891	-10.9	1.02	MM
200601K1_3	2.50	1.54	NO	42.34	1.000	3.91e4	1.47e6	2.33	-6.7	1.06	MM
200601K1_4	50.0	1.57	NO	42.34	1.000	8.45e5	1.41e6	52.8	5.3	1.20	MM
200601K1_5	400	1.54	NO	42.34	1.000	7.43e6	1.52e6	428	7.0	1.22	MM
200601K1_6	1000	1.55	NO	42.34	1.000	1.91e7	1.58e6	1060	6.0	1.21	MM

Compound name: PCB-122  
 Response Factor: 0.944286  
 RRF SD: 0.0437623, Relative SD: 4.63443  
 Response type: Internal Std ( Ref 191 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.81	NO	42.47	1.004	2.97e3	1.38e6	0.231	-7.8	0.871	MM
200601K1_2	1.00	1.80	NO	42.47	1.004	1.33e4	1.45e6	0.970	-3.0	0.915	MM
200601K1_3	2.50	1.54	NO	42.47	1.004	3.50e4	1.47e6	2.52	0.9	0.953	MM
200601K1_4	50.0	1.56	NO	42.47	1.004	6.92e5	1.41e6	52.1	4.2	0.984	MM
200601K1_5	400	1.55	NO	42.47	1.004	5.98e6	1.52e6	418	4.1	0.983	MM
200601K1_6	1000	1.56	NO	42.47	1.004	1.51e7	1.58e6	1020	1.8	0.959	MM

Compound name: PCB-105  
 Response Factor: 1.05075  
 RRF SD: 0.0648066, Relative SD: 6.16764  
 Response type: Internal Std ( Ref 192 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.32	NO	43.21	1.000	3.35e3	1.40e6	0.228	-8.9	0.957	bb
200601K1_2	1.00	1.56	NO	43.23	1.001	1.48e4	1.47e6	0.957	-4.3	1.01	MM



Dataset: U:\WG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-105

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_3	2.50	1.58	NO	43.23	1.000	3.84e4	1.49e6	2.45	-2.1	1.03	MM
200601K1_4	50.0	1.58	NO	43.23	1.000	7.78e5	1.42e6	52.1	4.1	1.09	dd
200601K1_5	400	1.59	NO	43.23	1.000	6.92e6	1.53e6	431	7.7	1.13	dd
200601K1_6	1000	1.58	NO	43.23	1.000	1.78e7	1.82e6	1030	3.4	1.09	dd

Compound name: PCB-127

Response Factor: 1.05904

RRF SD: 0.0891593, Relative SD: 6.53037

Response type: Internal Std ( Ref 193 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.35	NO	43.57	1.000	3.42e3	1.45e6	0.223	-10.8	0.944	MM
200601K1_2	1.00	1.53	NO	43.57	1.000	1.54e4	1.51e6	0.965	-3.5	1.02	db
200601K1_3	2.50	1.57	NO	43.57	1.000	4.15e4	1.59e6	2.47	-1.3	1.05	MM
200601K1_4	50.0	1.57	NO	43.57	1.000	6.11e5	1.47e6	52.2	4.4	1.11	db
200601K1_5	400	1.59	NO	43.57	1.000	7.02e6	1.58e6	420	5.0	1.11	db
200601K1_6	1000	1.57	NO	43.57	1.000	1.85e7	1.84e6	1060	6.1	1.12	db

Compound name: PCB-128

Response Factor: 1.17214

RRF SD: 0.0891348, Relative SD: 7.60443

Response type: Internal Std ( Ref 194 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.67	NO	45.52	1.000	3.40e3	1.33e6	0.218	-12.8	1.02	bb
200601K1_2	1.00	1.48	NO	45.52	1.000	1.71e4	1.49e6	0.982	-1.8	1.15	MM
200601K1_3	2.50	1.61	NO	45.52	1.000	4.35e4	1.54e6	2.42	-3.3	1.13	MM
200601K1_4	50.0	1.54	NO	45.54	1.000	8.88e5	1.45e6	52.1	4.3	1.22	db
200601K1_5	400	1.56	NO	45.54	1.001	7.83e6	1.51e6	431	7.7	1.26	db
200601K1_6	1000	1.56	NO	45.54	1.000	1.98e7	1.80e6	1060	5.9	1.24	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-155  
 Response Factor: 1.04363  
 RRF SD: 0.0461718, Relative SD: 4.42414  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.30	NO	37.01	1.001	1.70e3	6.57e5	0.247	-1.1	1.03	bb
200801K1_2	1.00	1.23	NO	37.01	1.001	7.53e3	7.35e5	0.981	-1.9	1.02	bb
200801K1_3	2.50	1.18	NO	37.01	1.000	1.80e4	7.36e5	2.34	-6.5	0.976	bb
200801K1_4	50.0	1.30	NO	37.01	1.000	3.73e5	7.19e5	49.7	-0.8	1.04	bb
200801K1_5	400	1.30	NO	37.01	1.000	3.46e6	7.88e5	421	5.4	1.10	bb
200801K1_6	1000	1.29	NO	37.01	1.000	6.65e6	7.92e5	1050	4.7	1.09	bb

Compound name: PCB-150  
 Response Factor: 1.08341  
 RRF SD: 0.0925801, Relative SD: 8.54521  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.14	NO	38.30	1.036	1.59e3	6.57e5	0.223	-10.8	0.967	MM
200801K1_2	1.00	1.15	NO	38.32	1.036	7.27e3	7.35e5	0.912	-6.8	0.968	bb
200801K1_3	2.50	1.32	NO	38.32	1.036	1.98e4	7.36e5	2.49	-0.6	1.08	bb
200801K1_4	50.0	1.26	NO	38.32	1.036	3.96e5	7.19e5	50.9	1.7	1.10	bb
200801K1_5	400	1.29	NO	38.32	1.036	3.72e6	7.88e5	436	8.9	1.18	bb
200801K1_6	1000	1.29	NO	38.32	1.036	9.39e6	7.92e5	1090	9.5	1.19	bb

Compound name: PCB-152  
 Response Factor: 1.18641  
 RRF SD: 0.106735, Relative SD: 8.99646  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.37	NO	38.80	1.049	1.72e3	6.57e5	0.221	-11.7	1.05	MM
200801K1_2	1.00	1.34	NO	38.80	1.049	6.42e3	7.35e5	0.968	-3.4	1.15	bb

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-152

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_3	2.50	1.28	NO	38.80	1.049	2.02e4	7.36e5	2.32	-7.3	1.10	bb
200801K1_4	50.0	1.30	NO	38.80	1.049	4.38e5	7.19e5	51.3	2.6	1.22	bb
200801K1_5	400	1.31	NO	38.80	1.049	4.12e6	7.88e5	441	10.4	1.31	bb
200801K1_6	1000	1.30	NO	38.82	1.049	1.03e7	7.92e5	1090	9.4	1.30	bb

Compound name: PCB-145

Response Factor: 1.18848  
 RRF SD: 0.0869925, Relative SD: 7.31963  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.30	NO	39.27	1.062	1.80e3	6.57e5	0.231	-7.7	1.10	MM
200801K1_2	1.00	1.31	NO	39.27	1.062	8.51e3	7.35e5	0.974	-2.6	1.16	bb
200801K1_3	2.50	1.25	NO	39.27	1.061	2.04e4	7.36e5	2.34	-6.6	1.11	bb
200801K1_4	50.0	1.31	NO	39.27	1.061	4.24e5	7.19e5	49.6	-0.9	1.18	bb
200801K1_5	400	1.28	NO	39.27	1.061	4.10e6	7.88e5	438	9.5	1.30	bb
200801K1_6	1000	1.29	NO	39.27	1.061	1.02e7	7.92e5	1090	6.2	1.29	bb

Compound name: PCB-136

Response Factor: 1.02088  
 RRF SD: 0.0891715, Relative SD: 6.77586  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.19	NO	39.60	1.071	1.50e3	6.57e5	0.224	-10.4	0.915	MM
200801K1_2	1.00	1.37	NO	39.60	1.071	7.18e3	7.35e5	0.957	-4.3	0.977	MM
200801K1_3	2.50	1.20	NO	39.60	1.070	1.87e4	7.36e5	2.49	-0.3	1.02	bd
200801K1_4	50.0	1.32	NO	39.60	1.070	3.70e5	7.19e5	50.4	0.7	1.03	bd
200801K1_5	400	1.30	NO	39.60	1.070	3.47e6	7.88e5	431	7.8	1.10	bd
200801K1_6	1000	1.29	NO	39.60	1.070	8.61e6	7.92e5	1090	6.5	1.09	bd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-148  
 Response Factor: 0.841589  
 RRF SD: 0.0633021, Relative SD: 7.52173  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.05	NO	39.71	1.074	1.36e3	6.57e5	0.246	-1.4	0.830	MM
200601K1_2	1.00	1.26	NO	39.71	1.074	5.73e3	7.35e5	0.926	-7.4	0.779	db
200601K1_3	2.50	1.29	NO	39.71	1.073	1.42e4	7.36e5	2.30	-8.0	0.775	db
200601K1_4	50.0	1.32	NO	39.71	1.073	2.99e5	7.19e5	49.4	-1.1	0.832	db
200601K1_5	400	1.31	NO	39.71	1.073	2.87e6	7.88e5	434	8.4	0.913	db
200601K1_6	1000	1.31	NO	39.71	1.073	7.30e6	7.92e5	1090	9.5	0.921	db

Compound name: PCB-154  
 Response Factor: 0.91897  
 RRF SD: 0.0435601, Relative SD: 4.7401  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	40.22	1.088	1.56e3	6.57e5	0.258	3.3	0.949	MM
200601K1_2	1.00	1.41	NO	40.22	1.088	6.57e3	7.35e5	0.973	-2.7	0.894	MM
200601K1_3	2.50	1.35	NO	40.22	1.087	1.57e4	7.36e5	2.32	-7.1	0.853	bb
200601K1_4	50.0	1.33	NO	40.22	1.087	3.23e5	7.19e5	48.9	-2.2	0.899	bb
200601K1_5	400	1.30	NO	40.22	1.087	3.01e6	7.88e5	416	4.0	0.958	bb
200601K1_6	1000	1.30	NO	40.22	1.087	7.62e6	7.92e5	1050	4.7	0.963	bb

Compound name: PCB-151  
 Response Factor: 0.786525  
 RRF SD: 0.034223, Relative SD: 4.35117  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	40.88	1.106	1.19e3	6.57e5	0.231	-7.8	0.725	MM
200601K1_2	1.00	1.15	NO	40.88	1.106	5.79e3	7.35e5	1.00	0.1	0.787	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-151

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.14	NO	40.88	1.105	1.45e4	7.36e5	2.50	0.0	0.787	bb
200601K1_4	50.0	1.33	NO	40.88	1.105	2.82e5	7.19e5	49.9	-0.2	0.785	bd
200601K1_5	400	1.31	NO	40.88	1.105	2.54e6	7.88e5	410	2.8	0.807	bb
200601K1_6	1000	1.28	NO	40.88	1.105	6.56e6	7.92e5	1050	5.2	0.828	bd

Compound name: PCB-135

Response Factor: 0.922274

RRF SD: 0.05017, Relative SD: 5.43982

Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.35	NO	41.11	1.112	1.63e3	6.57e5	0.268	7.3	0.990	MM
200601K1_2	1.00	1.27	NO	41.11	1.112	6.81e3	7.35e5	1.00	0.4	0.926	MM
200601K1_3	2.50	1.33	NO	41.11	1.111	1.56e4	7.36e5	2.29	-8.2	0.847	MM
200601K1_4	50.0	1.28	NO	41.11	1.111	3.19e5	7.19e5	48.1	-3.7	0.888	dd
200601K1_5	400	1.27	NO	41.11	1.111	2.93e6	7.88e5	403	0.7	0.929	bd
200601K1_6	1000	1.28	NO	41.11	1.111	7.56e6	7.92e5	1040	3.5	0.955	dd

Compound name: PCB-144

Response Factor: 0.788937

RRF SD: 0.0931784, Relative SD: 11.8106

Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	41.22	1.115	1.14e3	6.57e5	0.219	-12.4	0.691	dd
200601K1_2	1.00	1.05	NO	41.20	1.114	5.31e3	7.35e5	0.915	-8.5	0.722	MM
200601K1_3	2.50	1.25	NO	41.22	1.114	1.33e4	7.36e5	2.29	-8.5	0.722	MM
200601K1_4	50.0	1.30	NO	41.22	1.114	2.87e5	7.19e5	50.6	1.3	0.799	dd
200601K1_5	400	1.28	NO	41.22	1.114	2.82e6	7.88e5	454	13.4	0.895	dd
200601K1_6	1000	1.28	NO	41.22	1.114	7.17e6	7.92e5	1150	14.7	0.905	dd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-147  
 Response Factor: 0.834498  
 RRF SD: 0.0629802, Relative SD: 7.54708  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.35	NO	41.35	1.118	1.49e3	6.57e5	0.271	8.8	0.908	db
200801K1_2	1.00	1.27	NO	41.35	1.118	5.42e3	7.35e5	0.883	-11.7	0.737	MM
200801K1_3	2.50	1.33	NO	41.35	1.118	1.44e4	7.38e5	2.34	-8.4	0.781	MM
200801K1_4	50.0	1.32	NO	41.35	1.118	3.05e5	7.19e5	50.9	1.8	0.849	db
200801K1_5	400	1.29	NO	41.35	1.118	2.72e6	7.88e5	413	3.3	0.862	db
200801K1_6	1000	1.31	NO	41.35	1.118	6.90e6	7.92e5	1040	4.4	0.871	db

Compound name: PCB-139/149  
 Response Factor: 0.947782  
 RRF SD: 0.0555305, Relative SD: 5.859  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.23	NO	41.63	1.126	3.21e3	6.57e5	0.515	3.0	0.977	MM
200801K1_2	2.00	1.18	NO	41.63	1.126	1.32e4	7.35e5	1.90	-5.2	0.898	MM
200801K1_3	5.00	1.32	NO	41.63	1.125	3.24e4	7.38e5	4.85	-7.0	0.881	bd
200801K1_4	100	1.30	NO	41.63	1.125	6.80e5	7.19e5	98.9	-3.1	0.918	bd
200801K1_5	800	1.28	NO	41.63	1.125	6.31e6	7.88e5	848	5.7	1.00	bd
200801K1_6	2000	1.30	NO	41.63	1.125	1.80e7	7.92e5	2130	6.8	1.01	bd

Compound name: PCB-140  
 Response Factor: 0.793808  
 RRF SD: 0.0527788, Relative SD: 6.65048  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.38	NO	41.80	1.130	1.28e3	6.57e5	0.245	-1.8	0.779	MM
200801K1_2	1.00	1.30	NO	41.81	1.131	5.44e3	7.35e5	0.932	-6.8	0.740	MM



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-140

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.30	NO	41.81	1.130	1.35e4	7.36e5	2.31	-7.4	0.735	db
200601K1_4	50.0	1.35	NO	41.81	1.130	2.88e5	7.19e5	50.5	0.9	0.801	db
200601K1_5	400	1.29	NO	41.81	1.130	2.70e6	7.88e5	431	7.9	0.856	db
200601K1_6	1000	1.32	NO	41.81	1.130	8.74e6	7.92e5	1070	7.3	0.851	db

Compound name: PCB-134/143

Response Factor: 0.758932

RRF SD: 0.0865715, Relative SD: 11.407

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.38	NO	42.26	0.975	3.74e3	1.21e6	0.408	-16.4	0.619	bb
200601K1_2	2.00	1.24	NO	42.26	0.975	1.80e4	1.26e6	1.88	-5.9	0.714	bb
200601K1_3	5.00	1.23	NO	42.26	0.975	4.77e4	1.30e6	4.84	-3.3	0.734	bb
200601K1_4	100	1.24	NO	42.26	0.974	1.01e6	1.25e6	107	6.8	0.809	bb
200601K1_5	800	1.22	NO	42.26	0.974	9.11e6	1.35e6	890	11.2	0.844	bb
200601K1_6	2000	1.24	NO	42.26	0.974	2.30e7	1.38e6	2200	9.8	0.833	bb

Compound name: PCB-131/133

Response Factor: 0.820779

RRF SD: 0.0843262, Relative SD: 10.2739

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.42	NO	42.57	0.982	4.18e3	1.21e6	0.420	-16.1	0.689	MM
200601K1_2	2.00	1.22	NO	42.57	0.982	1.97e4	1.26e6	1.90	-4.9	0.780	bd
200601K1_3	5.00	1.28	NO	42.57	0.982	5.11e4	1.30e6	4.79	-4.3	0.788	bd
200601K1_4	100	1.22	NO	42.57	0.981	1.08e6	1.25e6	105	5.3	0.885	bd
200601K1_5	800	1.22	NO	42.57	0.981	9.78e6	1.35e6	882	10.2	0.904	bd
200601K1_6	2000	1.23	NO	42.57	0.981	2.49e7	1.38e6	2190	9.7	0.901	bd

Dataset: U:\WG11.PROVResults\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-142  
 Response Factor: 0.754261  
 RRF SD: 0.0382275, Relative SD: 5.06821  
 Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	42.72	0.985	2.21e3	1.21e6	0.243	-2.8	0.733	MM
200601K1_2	1.00	1.24	NO	42.74	0.986	8.89e3	1.26e6	0.933	-6.7	0.703	db
200601K1_3	2.50	1.25	NO	42.74	0.986	2.38e4	1.30e6	2.42	-3.1	0.731	dd
200601K1_4	50.0	1.24	NO	42.74	0.985	4.79e5	1.25e6	50.8	1.5	0.766	dd
200601K1_5	400	1.23	NO	42.74	0.985	4.33e6	1.35e6	426	6.4	0.803	dd
200601K1_6	1000	1.21	NO	42.74	0.985	1.09e7	1.38e6	1050	4.7	0.790	dd

Compound name: PCB-146/165  
 Response Factor: 1.01661  
 RRF SD: 0.0808121, Relative SD: 7.94921  
 Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.23	NO	42.97	0.991	5.49e3	1.21e6	0.447	-10.5	0.910	dd
200601K1_2	2.00	1.22	NO	42.97	0.991	2.47e4	1.26e6	1.92	-3.9	0.977	bb
200601K1_3	5.00	1.22	NO	42.97	0.991	6.23e4	1.30e6	4.71	-5.7	0.959	dd
200601K1_4	100	1.22	NO	42.97	0.990	1.31e6	1.25e6	103	2.9	1.05	dd
200601K1_5	800	1.23	NO	42.97	0.990	1.20e7	1.35e6	873	9.2	1.11	dd
200601K1_6	2000	1.22	NO	42.97	0.990	3.04e7	1.38e6	2160	8.1	1.10	dd

Compound name: PCB-132/161  
 Response Factor: 1.02411  
 RRF SD: 0.0851295, Relative SD: 6.3596  
 Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.21	NO	43.19	0.996	5.86e3	1.21e6	0.474	-5.3	0.970	dd
200601K1_2	2.00	1.19	NO	43.21	0.997	2.45e4	1.26e6	1.89	-5.3	0.970	bd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-132/161

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.28	NO	43.19	0.996	6.25e4	1.30e6	4.69	-6.2	0.961	dd
200601K1_4	100	1.24	NO	43.21	0.996	1.31e6	1.25e6	103	2.6	1.05	dd
200601K1_5	800	1.24	NO	43.21	0.996	1.19e7	1.35e6	861	7.7	1.10	dd
200601K1_6	2000	1.24	NO	43.21	0.996	3.02e7	1.38e6	2130	6.5	1.09	dd

Compound name: PCB-153

Response Factor: 1.07057

RRF SD: 0.0679682, Relative SD: 6.34876

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	43.38	1.000	2.99e3	1.21e6	0.232	-7.4	0.992	MM
200601K1_2	1.00	1.26	NO	43.40	1.001	1.30e4	1.28e6	0.960	-4.0	1.03	dd
200601K1_3	2.50	1.18	NO	43.40	1.001	3.29e4	1.30e6	2.36	-5.5	1.01	dd
200601K1_4	50.0	1.25	NO	43.40	1.000	6.97e5	1.25e6	52.0	4.0	1.11	dd
200601K1_5	400	1.24	NO	43.40	1.000	6.17e6	1.35e6	426	6.9	1.14	dd
200601K1_6	1000	1.24	NO	43.40	1.000	1.57e7	1.38e6	1060	6.0	1.14	dd

Compound name: PCB-168

Response Factor: 1.07725

RRF SD: 0.0814218, Relative SD: 7.55832

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	43.61	1.006	2.93e3	1.21e6	0.225	-10.1	0.969	db
200601K1_2	1.00	1.30	NO	43.61	1.006	1.29e4	1.26e6	0.946	-5.4	1.02	db
200601K1_3	2.50	1.23	NO	43.61	1.006	3.39e4	1.30e6	2.42	-3.3	1.04	db
200601K1_4	50.0	1.24	NO	43.61	1.005	6.89e5	1.25e6	51.1	2.1	1.10	db
200601K1_5	400	1.24	NO	43.63	1.006	6.32e6	1.35e6	435	8.7	1.17	db
200601K1_6	1000	1.23	NO	43.63	1.006	1.81e7	1.38e6	1060	8.0	1.16	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-141  
 Response Factor: 1.02661  
 RRF SD: 0.0643735, Relative SD: 6.27049  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.34	NO	44.16	1.001	2.32e3	9.74e5	0.232	-7.2	0.953	MM
200601K1_2	1.00	1.28	NO	44.16	1.000	1.02e4	1.06e6	0.941	-5.9	0.966	MM
200601K1_3	2.50	1.23	NO	44.16	1.000	2.72e4	1.10e6	2.41	-3.6	0.989	bd
200601K1_4	50.0	1.24	NO	44.18	1.000	5.51e5	1.03e6	51.9	3.8	1.07	bd
200601K1_5	400	1.24	NO	44.18	1.000	4.91e6	1.12e6	426	6.6	1.09	bd
200601K1_6	1000	1.24	NO	44.16	1.000	1.23e7	1.12e6	1060	6.3	1.09	bd

Compound name: PCB-137  
 Response Factor: 1.11036  
 RRF SD: 0.0861984, Relative SD: 7.76308  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.39	NO	44.54	1.010	2.39e3	9.74e5	0.221	-11.5	0.983	MM
200601K1_2	1.00	1.34	NO	44.56	1.009	1.09e4	1.06e6	0.931	-6.9	1.03	MM
200601K1_3	2.50	1.19	NO	44.56	1.009	3.06e4	1.10e6	2.51	0.3	1.11	MM
200601K1_4	50.0	1.24	NO	44.56	1.009	5.93e5	1.03e6	51.6	3.2	1.15	bd
200601K1_5	400	1.22	NO	44.56	1.009	5.38e6	1.12e6	432	8.0	1.20	bd
200601K1_6	1000	1.22	NO	44.56	1.009	1.34e7	1.12e6	1070	6.9	1.19	bd

Compound name: PCB-130  
 Response Factor: 0.885312  
 RRF SD: 0.0756292, Relative SD: 8.54266  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.41	NO	44.65	1.012	1.86e3	9.74e5	0.216	-13.6	0.765	MM
200601K1_2	1.00	1.09	NO	44.65	1.012	9.08e3	1.06e6	0.969	-3.1	0.858	MM

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-130

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	44.65	1.012	2.34e4	1.10e6	2.41	-3.7	0.852	MM
200601K1_4	50.0	1.24	NO	44.67	1.012	4.75e5	1.03e6	51.9	3.8	0.919	MM
200601K1_5	400	1.23	NO	44.67	1.012	4.37e6	1.12e6	440	10.0	0.974	MM
200601K1_6	1000	1.23	NO	44.67	1.012	1.06e7	1.12e6	1070	6.6	0.944	MM

Compound name: PCB-138/163/164

Response Factor: 1.28353

RRF SD: 0.106549, Relative SD: 8.30127

Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.750	1.29	NO	45.05	1.001	8.62e3	1.00e6	0.671	-10.6	1.15	MM
200601K1_2	3.00	1.18	NO	45.05	1.001	4.01e4	1.11e6	2.82	-5.9	1.21	bd
200601K1_3	7.50	1.26	NO	45.05	1.001	1.06e5	1.16e6	7.12	-5.1	1.22	bd
200601K1_4	150	1.23	NO	45.05	1.001	2.17e6	1.07e6	157	4.8	1.35	bd
200601K1_5	1200	1.23	NO	45.05	1.001	2.01e7	1.18e6	1330	10.5	1.42	bd
200601K1_6	3000	1.23	NO	45.05	1.001	5.01e7	1.22e6	3190	6.3	1.36	bd

Compound name: PCB-158/160

Response Factor: 1.23999

RRF SD: 0.0786271, Relative SD: 6.34093

Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.06	NO	45.28	1.006	5.95e3	1.00e6	0.479	-4.2	1.19	MM
200601K1_2	2.00	1.20	NO	45.30	1.007	2.56e4	1.11e6	1.87	-6.7	1.16	dd
200601K1_3	5.00	1.23	NO	45.30	1.006	6.75e4	1.16e6	4.70	-5.9	1.17	dd
200601K1_4	100	1.22	NO	45.30	1.006	1.38e6	1.07e6	104	3.6	1.26	dd
200601K1_5	800	1.22	NO	45.30	1.006	1.26e7	1.18e6	864	8.0	1.34	dd
200601K1_6	2000	1.24	NO	45.30	1.006	3.19e7	1.22e6	2100	5.2	1.30	dd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-129  
 Response Factor: 0.866678  
 RRF SD: 0.0575828, Relative SD: 6.64409  
 Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.30	NO	45.54	1.012	2.07e3	1.00e6	0.239	-4.5	0.827	MM
200801K1_2	1.00	1.30	NO	45.54	1.012	9.27e3	1.11e6	0.968	-3.4	0.837	db
200801K1_3	2.50	1.28	NO	45.54	1.012	2.27e4	1.16e6	2.27	-9.2	0.787	db
200801K1_4	50.0	1.23	NO	45.54	1.012	4.97e5	1.07e6	53.4	6.8	0.926	db
200801K1_5	400	1.22	NO	45.54	1.012	4.35e6	1.18e6	426	6.6	0.923	db
200801K1_6	1000	1.22	NO	45.54	1.012	1.10e7	1.22e6	1040	3.8	0.900	db

Compound name: PCB-166  
 Response Factor: 1.14308  
 RRF SD: 0.0513388, Relative SD: 4.49125  
 Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.21	NO	46.02	0.993	3.46e3	1.22e6	0.249	-0.5	1.14	db
200801K1_2	1.00	1.17	NO	46.00	0.993	1.44e4	1.34e6	0.943	-5.7	1.08	MM
200801K1_3	2.50	1.25	NO	46.02	0.993	3.77e4	1.39e6	2.38	-4.7	1.09	MM
200801K1_4	50.0	1.24	NO	46.02	0.993	7.77e5	1.33e6	51.2	2.3	1.17	MM
200801K1_5	400	1.24	NO	46.02	0.993	6.88e6	1.42e6	423	5.8	1.21	MM
200801K1_6	1000	1.22	NO	46.02	0.993	1.77e7	1.51e6	1030	2.7	1.17	MM

Compound name: PCB-159  
 Response Factor: 1.21657  
 RRF SD: 0.0622303, Relative SD: 5.11521  
 Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.24	NO	46.34	1.000	3.62e3	1.22e6	0.245	-2.2	1.19	MM
200801K1_2	1.00	1.24	NO	46.34	1.000	1.58e4	1.34e6	0.961	-3.9	1.17	MM



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-150

Name	Std Conc	RA	rfy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	46.36	1.001	3.92e4	1.38e6	2.33	-6.7	1.13	MM
200601K1_4	50.0	1.22	NO	46.36	1.000	8.24e5	1.33e6	51.0	2.0	1.24	MM
200601K1_5	400	1.24	NO	46.36	1.000	7.37e6	1.42e6	428	6.6	1.30	MM
200601K1_6	1000	1.23	NO	46.36	1.000	1.91e7	1.51e6	1040	4.3	1.27	MM

Compound name: PCB-128/162

Response Factor: 0.907497

RRF SD: 0.0511425, Relative SD: 5.63556

Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	rfy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.13	NO	46.64	1.007	5.34e3	1.22e6	0.484	-3.3	0.676	MM
200601K1_2	2.00	1.20	NO	46.64	1.007	2.26e4	1.34e6	1.86	-6.9	0.845	MM
200601K1_3	5.00	1.25	NO	46.64	1.007	5.99e4	1.38e6	4.77	-4.8	0.866	MM
200601K1_4	100	1.24	NO	46.64	1.007	1.25e6	1.33e6	103	3.3	0.938	MM
200601K1_5	800	1.24	NO	46.64	1.007	1.10e7	1.42e6	856	7.0	0.971	MM
200601K1_6	2000	1.21	NO	46.66	1.007	2.85e7	1.51e6	2090	4.4	0.947	MM

Compound name: PCB-167

Response Factor: 1.10858

RRF SD: 0.0571768, Relative SD: 5.15766

Response type: Internal Std ( Ref 200 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	rfy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.29	NO	47.06	1.001	3.31e3	1.22e6	0.248	-1.8	1.09	MM
200601K1_2	1.00	1.39	NO	47.06	1.001	1.36e4	1.33e6	0.938	-6.2	1.04	MM
200601K1_3	2.50	1.19	NO	47.06	1.000	3.66e4	1.39e6	2.38	-4.7	1.06	bb
200601K1_4	50.0	1.24	NO	47.06	1.000	7.62e5	1.38e6	50.6	1.2	1.12	bb
200601K1_5	400	1.25	NO	47.06	1.000	6.68e6	1.41e6	428	7.1	1.19	bb
200601K1_6	1000	1.23	NO	47.06	1.000	1.72e7	1.49e6	1040	4.3	1.16	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-156  
 Response Factor: 1.12589  
 RRF SD: 0.0789703, Relative SD: 7.01404  
 Response type: Internal Std ( Ref 201 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	48.38	1.000	3.07e3	1.18e6	0.231	-7.7	1.04	MM
200601K1_2	1.00	1.18	NO	48.38	1.000	1.32e4	1.26e6	0.931	-6.9	1.05	MM
200601K1_3	2.50	1.20	NO	48.38	1.000	3.67e4	1.35e6	2.42	-3.4	1.09	bb
200601K1_4	50.0	1.25	NO	48.38	1.000	7.58e5	1.31e6	51.2	2.5	1.15	bd
200601K1_5	400	1.22	NO	48.38	1.000	6.73e6	1.37e6	435	8.9	1.23	bd
200601K1_6	1000	1.23	NO	48.38	1.000	1.76e7	1.47e6	1070	6.6	1.20	bd

Compound name: PCB-157  
 Response Factor: 1.03828  
 RRF SD: 0.0627401, Relative SD: 6.04267  
 Response type: Internal Std ( Ref 202 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.31	NO	48.65	1.000	2.89e3	1.19e6	0.234	-6.2	0.974	MM
200601K1_2	1.00	1.16	NO	48.67	1.001	1.21e4	1.24e6	0.943	-5.7	0.980	dd
200601K1_3	2.50	1.20	NO	48.67	1.000	3.40e4	1.36e6	2.41	-3.7	1.00	bd
200601K1_4	50.0	1.23	NO	48.67	1.000	6.97e5	1.31e6	51.1	2.2	1.06	dd
200601K1_5	400	1.23	NO	48.67	1.000	6.16e6	1.37e6	432	8.0	1.12	dd
200601K1_6	1000	1.23	NO	48.67	1.000	1.82e7	1.48e6	1050	5.4	1.09	dd

Compound name: PCB-169  
 Response Factor: 1.15806  
 RRF SD: 0.0659172, Relative SD: 5.69202  
 Response type: Internal Std ( Ref 203 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	50.92	1.000	3.08e3	1.12e6	0.238	-5.0	1.10	bb
200601K1_2	1.00	1.28	NO	50.92	1.000	1.29e4	1.19e6	0.940	-6.0	1.09	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-169

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.27	NO	50.92	1.000	3.70e4	1.33e6	2.40	-4.1	1.11	bb
200601K1_4	50.0	1.23	NO	50.92	1.000	7.28e5	1.22e6	51.5	2.9	1.19	bb
200601K1_5	400	1.23	NO	50.92	1.000	6.46e6	1.30e6	429	7.2	1.24	bb
200601K1_6	1000	1.24	NO	50.94	1.000	1.73e7	1.42e6	1050	5.0	1.22	bb

Compound name: PCB-188

Response Factor: 1.28967

RRF SD: 0.0641497, Relative SD: 4.97412

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	43.01	1.000	2.94e3	9.28e5	0.248	-1.7	1.27	MM
200601K1_2	1.00	1.01	NO	43.01	1.000	1.20e4	1.02e6	0.918	-8.4	1.16	MM
200601K1_3	2.50	0.97	NO	43.02	1.001	3.28e4	1.03e6	2.48	-1.6	1.27	bb
200601K1_4	50.0	1.05	NO	43.02	1.000	6.73e5	1.01e6	51.5	3.0	1.33	bb
200601K1_5	400	1.05	NO	43.02	1.000	6.15e6	1.13e6	420	5.1	1.35	bb
200601K1_6	1000	1.03	NO	43.02	1.000	1.58e7	1.18e6	1040	3.7	1.34	bb

Compound name: PCB-184

Response Factor: 1.23185

RRF SD: 0.0863042, Relative SD: 7.00722

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	43.48	1.011	2.47e3	9.28e5	0.216	-13.6	1.06	MM
200601K1_2	1.00	0.98	NO	43.48	1.011	1.28e4	1.02e6	1.01	0.8	1.24	bb
200601K1_3	2.50	1.09	NO	43.48	1.012	3.18e4	1.03e6	2.50	-0.1	1.23	bb
200601K1_4	50.0	1.04	NO	43.48	1.011	6.50e5	1.01e6	52.1	4.1	1.28	bb
200601K1_5	400	1.05	NO	43.48	1.011	5.91e6	1.13e6	423	5.7	1.30	bb
200601K1_6	1000	1.03	NO	43.48	1.011	1.50e7	1.18e6	1030	3.1	1.27	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-179  
 Response Factor: 1.29806  
 RRF SD: 0.052795, Relative SD: 4.06721  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.00	NO	44.27	1.030	2.80e3	9.28e5	0.232	-7.0	1.21	MM
200801K1_2	1.00	1.00	NO	44.29	1.030	1.29e4	1.02e6	0.979	-2.1	1.27	MM
200801K1_3	2.50	1.10	NO	44.29	1.030	3.39e4	1.03e6	2.52	1.0	1.31	bb
200801K1_4	50.0	1.04	NO	44.29	1.030	6.78e5	1.01e6	51.4	2.8	1.33	bb
200801K1_5	400	1.04	NO	44.29	1.030	6.18e6	1.13e6	418	4.5	1.36	bb
200801K1_6	1000	1.04	NO	44.29	1.030	1.55e7	1.18e6	1010	0.9	1.31	bb

Compound name: PCB-176  
 Response Factor: 1.30863  
 RRF SD: 0.0665306, Relative SD: 5.08397  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.13	NO	44.75	1.041	2.78e3	9.28e5	0.229	-8.5	1.20	MM
200801K1_2	1.00	1.07	NO	44.77	1.041	1.34e4	1.02e6	1.01	0.7	1.32	bb
200801K1_3	2.50	1.07	NO	44.77	1.041	3.31e4	1.03e6	2.44	-2.3	1.28	MM
200801K1_4	50.0	1.05	NO	44.77	1.041	6.80e5	1.01e6	51.3	2.8	1.34	bb
200801K1_5	400	1.04	NO	44.77	1.041	6.33e6	1.13e6	428	6.5	1.39	bb
200801K1_6	1000	1.03	NO	44.77	1.041	1.57e7	1.18e6	1010	1.1	1.32	bb

Compound name: PCB-186  
 Response Factor: 1.32902  
 RRF SD: 0.119081, Relative SD: 8.96013  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.08	NO	45.37	1.056	2.56e3	9.28e5	0.207	-17.1	1.10	MM
200801K1_2	1.00	0.95	NO	45.39	1.056	1.36e4	1.02e6	1.01	0.8	1.34	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-186

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.07	NO	45.39	1.056	3.39e4	1.03e6	2.47	-1.3	1.31	bb
200601K1_4	50.0	1.02	NO	45.39	1.056	7.15e5	1.01e6	53.1	6.1	1.41	bb
200601K1_5	400	1.03	NO	45.39	1.056	6.42e6	1.13e6	426	6.5	1.42	bb
200601K1_6	1000	1.04	NO	45.39	1.056	1.85e7	1.18e6	1050	5.0	1.40	bb

Compound name: PCB-178

Response Factor: 0.943241

RRF SD: 0.0555819, Relative SD: 5.89285

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	45.88	1.067	1.99e3	9.28e5	0.227	-9.2	0.857	MM
200601K1_2	1.00	1.03	NO	45.90	1.068	9.96e3	1.02e6	1.04	3.9	0.980	bb
200601K1_3	2.50	1.02	NO	45.90	1.068	2.31e4	1.03e6	2.37	-5.2	0.894	bb
200601K1_4	50.0	1.03	NO	45.90	1.067	5.05e5	1.01e6	52.9	5.8	0.996	bb
200601K1_5	400	1.04	NO	45.90	1.067	4.43e6	1.13e6	414	3.4	0.975	bb
200601K1_6	1000	1.04	NO	45.90	1.067	1.13e7	1.18e6	1010	1.4	0.956	bb

Compound name: PCB-175

Response Factor: 0.956238

RRF SD: 0.0418022, Relative SD: 4.37152

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	riy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.01	NO	46.24	1.076	2.15e3	9.26e5	0.242	-3.0	0.927	bd
200601K1_2	1.00	1.01	NO	46.24	1.076	9.07e3	1.02e6	0.934	-6.6	0.893	MM
200601K1_3	2.50	1.00	NO	46.26	1.076	2.45e4	1.03e6	2.47	-1.1	0.946	bd
200601K1_4	50.0	1.04	NO	46.26	1.076	5.06e5	1.01e6	52.2	4.5	0.999	bd
200601K1_5	400	1.04	NO	46.26	1.076	4.52e6	1.13e6	417	4.1	0.996	bd
200601K1_6	1000	1.04	NO	46.26	1.076	1.18e7	1.18e6	1020	2.1	0.977	bd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-182/187

Response Factor: 1.06615

RRF SD: 0.0507133, Relative SD: 4.75669

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	1.16	NO	46.43	1.080	4.78e3	9.28e5	0.483	-3.3	1.03	MM
200801K1_2	2.00	1.06	NO	46.43	1.080	2.07e4	1.02e6	1.91	-4.4	1.02	db
200801K1_3	5.00	1.00	NO	46.43	1.080	5.24e4	1.03e6	4.74	-5.1	1.01	MM
200801K1_4	100	1.04	NO	46.43	1.080	1.13e6	1.01e6	104	4.2	1.11	db
200801K1_5	800	1.05	NO	46.43	1.080	1.02e7	1.13e6	840	5.0	1.12	db
200801K1_6	2000	1.04	NO	46.43	1.080	2.62e7	1.18e6	2070	3.7	1.11	db

Compound name: PCB-183

Response Factor: 1.02281

RRF SD: 0.0863349, Relative SD: 8.44093

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.07	NO	46.76	1.066	2.03e3	9.28e5	0.214	-14.4	0.875	MM
200801K1_2	1.00	1.12	NO	46.76	1.066	9.96e3	1.02e6	0.958	-4.2	0.980	bb
200801K1_3	2.50	1.02	NO	46.76	1.066	2.62e4	1.03e6	2.47	-1.0	1.01	bb
200801K1_4	50.0	1.03	NO	46.76	1.067	5.52e5	1.01e6	53.3	6.5	1.09	bb
200801K1_5	400	1.04	NO	46.76	1.067	4.98e6	1.13e6	429	7.3	1.10	bb
200801K1_6	1000	1.04	NO	46.76	1.067	1.28e7	1.18e6	1060	5.8	1.08	bb

Compound name: PCB-185

Response Factor: 1.40567

RRF SD: 0.0901625, Relative SD: 6.41419

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.06	NO	47.44	0.955	1.96e3	6.16e5	0.227	-9.4	1.27	bb
200801K1_2	1.00	1.04	NO	47.44	0.955	9.08e3	6.54e5	0.986	-1.4	1.39	bb



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-185

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.05	NO	47.44	0.955	2.33e4	7.01e5	2.37	-5.3	1.33	bb
200801K1_4	50.0	1.02	NO	47.44	0.955	4.98e5	6.87e5	53.2	6.4	1.50	bb
200801K1_5	400	1.04	NO	47.44	0.955	4.39e6	7.40e5	422	5.5	1.48	bb
200801K1_6	1000	1.04	NO	47.44	0.955	1.14e7	7.81e5	1040	4.1	1.48	bb

Compound name: PCB-174

Response Factor: 1.35369

RRF SD: 0.0944983, Relative SD: 6.9808

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.10	NO	47.80	0.962	1.90e3	6.16e5	0.228	-6.7	1.24	MM
200801K1_2	1.00	1.15	NO	47.82	0.962	8.12e3	6.54e5	0.918	-6.2	1.24	bd
200801K1_3	2.50	1.06	NO	47.82	0.962	2.37e4	7.01e5	2.50	0.2	1.36	bd
200801K1_4	50.0	1.04	NO	47.82	0.962	4.78e5	6.87e5	53.0	5.9	1.43	bd
200801K1_5	400	1.03	NO	47.82	0.962	4.29e6	7.40e5	428	7.1	1.45	bd
200801K1_6	1000	1.02	NO	47.82	0.962	1.10e7	7.81e5	1040	3.8	1.40	bd

Compound name: PCB-181

Response Factor: 1.47446

RRF SD: 0.117329, Relative SD: 7.9574

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.20	NO	47.91	0.964	2.03e3	6.16e5	0.224	-10.4	1.32	MM
200801K1_2	1.00	1.15	NO	47.91	0.964	1.02e4	6.54e5	1.06	6.2	1.57	dd
200801K1_3	2.50	1.07	NO	47.91	0.964	2.32e4	7.01e5	2.25	-10.0	1.33	dd
200801K1_4	50.0	1.03	NO	47.93	0.965	5.11e5	6.87e5	52.0	4.1	1.53	dd
200801K1_5	400	1.04	NO	47.93	0.965	4.60e6	7.40e5	422	5.5	1.56	dd
200801K1_6	1000	1.04	NO	47.93	0.965	1.21e7	7.81e5	1050	4.8	1.54	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-177  
 Response Factor: 1.27779  
 RRF SD: 0.0954777, Relative SD: 7.4721  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	48.10	0.968	1.77e3	6.16e5	0.225	-10.2	1.15	MM
200601K1_2	1.00	1.02	NO	48.10	0.968	7.89e3	6.54e5	0.945	-5.5	1.21	dd
200601K1_3	2.50	1.13	NO	48.10	0.968	2.15e4	7.01e5	2.40	-3.9	1.23	MM
200601K1_4	50.0	1.04	NO	48.10	0.968	4.52e5	6.67e5	53.0	6.1	1.36	db
200601K1_5	400	1.04	NO	48.10	0.968	4.08e6	7.40e5	432	7.9	1.36	db
200601K1_6	1000	1.03	NO	48.10	0.968	1.05e7	7.81e5	1060	5.8	1.35	db

Compound name: PCB-171  
 Response Factor: 1.31619  
 RRF SD: 0.111307, Relative SD: 8.45674  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.15	NO	48.38	0.974	1.77e3	6.16e5	0.218	-12.6	1.15	MM
200601K1_2	1.00	0.99	NO	48.38	0.974	8.25e3	6.54e5	0.959	-4.1	1.26	MM
200601K1_3	2.50	0.98	NO	48.38	0.974	2.19e4	7.01e5	2.38	-4.9	1.25	MM
200601K1_4	50.0	1.03	NO	48.40	0.974	4.88e5	6.67e5	53.3	6.8	1.40	bd
200601K1_5	400	1.02	NO	48.40	0.974	4.19e6	7.40e5	431	7.8	1.42	bd
200601K1_6	1000	1.04	NO	48.40	0.974	1.10e7	7.81e5	1070	7.4	1.41	bd

Compound name: PCB-173  
 Response Factor: 1.18982  
 RRF SD: 0.0600259, Relative SD: 5.04452  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.84	0.983	1.75e3	6.16e5	0.238	-4.7	1.13	MM
200601K1_2	1.00	1.12	NO	48.84	0.983	7.51e3	6.54e5	0.968	-3.4	1.15	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-173

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.03	NO	48.84	0.983	1.97e4	7.01e5	2.36	-5.5	1.12	MM
200601K1_4	50.0	1.06	NO	48.84	0.983	4.15e5	6.67e5	52.4	4.7	1.25	dd
200601K1_5	400	1.03	NO	48.84	0.983	3.70e6	7.40e5	420	5.0	1.25	dd
200601K1_6	1000	1.03	NO	48.84	0.983	9.66e6	7.81e5	1040	3.9	1.24	bb

Compound name: PCB-172

Response Factor: 1.37524

RRF SD: 0.11268, Relative SD: 8.20798

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	49.29	0.992	1.87e3	6.16e5	0.221	-11.5	1.22	dd
200601K1_2	1.00	0.96	NO	49.29	0.992	8.89e3	6.54e5	0.967	-3.3	1.33	dd
200601K1_3	2.50	1.04	NO	49.29	0.992	2.25e4	7.01e5	2.34	-6.4	1.29	dd
200601K1_4	50.0	1.05	NO	49.29	0.992	4.86e5	6.67e5	53.0	5.9	1.46	dd
200601K1_5	400	1.03	NO	49.29	0.992	4.39e6	7.40e5	432	7.9	1.46	dd
200601K1_6	1000	1.04	NO	49.29	0.992	1.15e7	7.81e5	1070	7.4	1.46	dd

Compound name: PCB-192

Response Factor: 1.82672

RRF SD: 0.139002, Relative SD: 7.60937

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.89	NO	49.48	0.996	3.10e3	8.16e5	0.278	10.3	2.02	MM
200601K1_2	1.00	1.10	NO	49.48	0.996	1.06e4	6.54e5	0.885	-11.5	1.62	dd
200601K1_3	2.50	1.05	NO	49.50	0.996	3.02e4	7.01e5	2.36	-5.7	1.72	dd
200601K1_4	50.0	1.03	NO	49.50	0.996	6.16e5	6.67e5	50.8	1.2	1.65	dd
200601K1_5	400	1.03	NO	49.50	0.996	5.80e6	7.40e5	414	3.6	1.89	dd
200601K1_6	1000	1.03	NO	49.50	0.996	1.46e7	7.81e5	1020	2.1	1.87	dd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-180  
 Response Factor: 1.41175  
 RRF SD: 0.126648, Relative SD: 8.97102  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.08	NO	49.71	1.000	1.80e3	6.16e5	0.207	-17.2	1.17	dd
200601K1_2	1.00	1.20	NO	49.71	1.000	9.48e3	6.54e5	1.03	2.7	1.45	dd
200601K1_3	2.50	1.02	NO	49.71	1.000	2.42e4	7.01e5	2.45	-2.0	1.38	dd
200601K1_4	50.0	1.03	NO	49.71	1.000	4.91e5	6.67e5	52.2	4.4	1.47	dd
200601K1_5	400	1.04	NO	49.71	1.000	4.47e6	7.40e5	428	7.0	1.51	dd
200601K1_6	1000	1.03	NO	49.71	1.000	1.16e7	7.81e5	1050	5.0	1.48	dd

Compound name: PCB-183  
 Response Factor: 1.67682  
 RRF SD: 0.0708905, Relative SD: 4.22768  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	49.92	1.005	2.64e3	6.16e5	0.256	2.4	1.72	MM
200601K1_2	1.00	1.01	NO	49.92	1.005	1.06e4	6.54e5	0.963	-3.7	1.81	db
200601K1_3	2.50	0.99	NO	49.92	1.005	2.74e4	7.01e5	2.33	-6.8	1.56	MM
200601K1_4	50.0	1.03	NO	49.92	1.005	5.70e5	6.67e5	51.0	2.0	1.71	db
200601K1_5	400	1.04	NO	49.92	1.005	5.14e6	7.40e5	415	3.7	1.74	dd
200601K1_6	1000	1.03	NO	49.92	1.005	1.34e7	7.81e5	1030	2.5	1.72	db

Compound name: PCB-181  
 Response Factor: 1.71019  
 RRF SD: 0.0665243, Relative SD: 3.88988  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	50.19	1.010	2.61e3	6.16e5	0.248	-1.0	1.69	MM
200601K1_2	1.00	1.08	NO	50.19	1.010	1.08e4	6.54e5	0.963	-3.7	1.85	MM

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-191**

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.92	NO	50.19	1.010	2.85e4	7.01e5	2.38	-5.0	1.62	MM
200601K1_4	50.0	1.00	NO	50.19	1.010	5.78e5	6.67e5	50.8	1.5	1.74	bb
200601K1_5	400	1.04	NO	50.19	1.010	5.29e6	7.40e5	418	4.6	1.79	dd
200601K1_6	1000	1.05	NO	50.19	1.010	1.36e7	7.81e5	1040	3.6	1.77	bd

**Compound name: PCB-170**

Response Factor: 1.40071

RRF SD: 0.105718, Relative SD: 7.54749

Response type: Internal Std ( Ref 206 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.10	NO	51.36	1.000	1.64e3	5.21e5	0.224	-10.3	1.26	MM
200601K1_2	1.00	0.97	NO	51.36	1.000	7.54e3	5.75e5	0.935	-6.5	1.31	MM
200601K1_3	2.50	1.08	NO	51.36	1.000	2.11e4	6.11e5	2.46	-1.4	1.38	MM
200601K1_4	50.0	1.04	NO	51.36	1.000	4.14e5	5.78e5	51.0	2.1	1.43	bd
200601K1_5	400	1.03	NO	51.36	1.000	3.73e6	6.11e5	438	9.0	1.53	bd
200601K1_6	1000	1.02	NO	51.36	1.000	9.85e6	6.57e5	1070	7.1	1.50	bd

**Compound name: PCB-190**

Response Factor: 1.85102

RRF SD: 0.142118, Relative SD: 7.67782

Response type: Internal Std ( Ref 206 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	51.59	1.004	2.26e3	5.21e5	0.234	-6.3	1.73	MM
200601K1_2	1.00	1.09	NO	51.59	1.004	9.81e3	5.75e5	0.921	-7.9	1.71	MM
200601K1_3	2.50	1.11	NO	51.59	1.004	2.68e4	6.11e5	2.37	-5.3	1.75	MM
200601K1_4	50.0	1.00	NO	51.59	1.004	5.43e5	5.78e5	50.7	1.4	1.88	db
200601K1_5	400	1.04	NO	51.59	1.004	4.96e6	6.11e5	439	9.7	2.03	db
200601K1_6	1000	1.05	NO	51.59	1.004	1.32e7	6.57e5	1060	8.4	2.01	db

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-189  
 Response Factor: 1.4524  
 RRF SD: 0.0988417, Relative SD: 6.80541  
 Response type: Internal Std ( Ref 207 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	53.08	1.000	2.37e3	6.87e5	0.238	-5.0	1.38	MM
200601K1_2	1.00	1.00	NO	53.10	1.000	1.00e4	7.42e5	0.932	-6.8	1.35	MM
200601K1_3	2.50	1.09	NO	53.10	1.000	2.75e4	8.11e5	2.34	-6.5	1.36	MM
200601K1_4	50.0	1.03	NO	53.10	1.000	5.78e5	7.81e5	52.1	4.2	1.51	bb
200601K1_5	400	1.02	NO	53.10	1.000	5.04e6	8.07e5	430	7.5	1.56	bb
200601K1_6	1000	1.02	NO	53.10	1.000	1.34e7	8.85e5	1070	8.8	1.55	bb

Compound name: PCB-202  
 Response Factor: 1.16825  
 RRF SD: 0.08292, Relative SD: 7.09778  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.59	1.000	1.92e3	6.72e5	0.245	-2.2	1.14	MM
200601K1_2	1.00	1.02	NO	48.61	1.000	7.83e3	7.55e5	0.888	-11.2	1.04	MM
200601K1_3	2.50	0.94	NO	48.61	1.000	2.18e4	7.88e5	2.43	-2.8	1.14	bb
200601K1_4	50.0	0.89	NO	48.61	1.000	4.58e5	7.74e5	50.8	1.3	1.18	bb
200601K1_5	400	0.91	NO	48.61	1.000	4.13e6	8.21e5	431	7.7	1.26	bb
200601K1_6	1000	0.91	NO	48.61	1.000	1.08e7	8.48e5	1070	7.2	1.25	bb

Compound name: PCB-201  
 Response Factor: 1.05277  
 RRF SD: 0.0608949, Relative SD: 5.78427  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.79	NO	49.10	1.011	1.71e3	6.72e5	0.241	-3.6	1.01	bd
200601K1_2	1.00	0.90	NO	49.10	1.010	7.27e3	7.55e5	0.915	-8.5	0.983	bd



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: PCB-201**

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_3	2.50	0.94	NO	49.10	1.010	1.98e4	7.88e5	2.47	-1.2	1.04		bd
200801K1_4	50.0	0.91	NO	49.10	1.010	4.10e5	7.74e5	50.3	0.7	1.06		bd
200801K1_5	400	0.92	NO	49.10	1.010	3.88e6	8.21e5	424	6.0	1.12		bd
200801K1_6	1000	0.91	NO	49.10	1.010	9.50e6	8.48e5	1070	6.6	1.12		bd

**Compound name: PCB-204**

Response Factor: 1.1409

RRF SD: 0.0887975, Relative SD: 7.78308

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_1	0.250	0.77	NO	49.24	1.014	1.83e3	6.72e5	0.238	-4.6	1.09		MM
200801K1_2	1.00	0.89	NO	49.28	1.014	8.01e3	7.55e5	0.930	-7.0	1.06		db
200801K1_3	2.50	0.82	NO	49.26	1.014	2.04e4	7.88e5	2.34	-6.5	1.07		db
200801K1_4	50.0	0.90	NO	49.26	1.014	4.36e5	7.74e5	49.4	-1.2	1.13		db
200801K1_5	400	0.91	NO	49.28	1.014	4.07e6	8.21e5	435	8.7	1.24		db
200801K1_6	1000	0.91	NO	49.26	1.014	1.07e7	8.48e5	1110	10.6	1.26		db

**Compound name: PCB-197**

Response Factor: 1.13263

RRF SD: 0.0852075, Relative SD: 7.52295

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_1	0.250	0.99	NO	49.58	1.021	1.89e3	6.72e5	0.248	-0.9	1.12		MM
200801K1_2	1.00	1.01	NO	49.58	1.020	7.47e3	7.55e5	0.874	-12.6	0.989		bb
200801K1_3	2.50	0.99	NO	49.58	1.020	2.16e4	7.88e5	2.49	-0.4	1.13		MM
200801K1_4	50.0	0.90	NO	49.58	1.020	4.31e5	7.74e5	49.2	-1.6	1.11		bb
200801K1_5	400	0.91	NO	49.58	1.020	4.00e6	8.21e5	431	7.7	1.22		bb
200801K1_6	1000	0.89	NO	49.58	1.020	1.03e7	8.48e5	1080	7.8	1.22		bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-200  
 Response Factor: 1.07032  
 RRF SD: 0.0809843, Relative SD: 7.56448  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.00	NO	50.51	1.040	1.84e3	6.72e5	0.256	2.3	1.09	bb
2	200601K1_2	1.00	0.95	NO	50.51	1.039	7.00e3	7.55e5	0.866	-13.4	0.927	bb
3	200601K1_3	2.50	0.87	NO	50.51	1.039	2.02e4	7.66e5	2.46	-1.7	1.05	bb
4	200601K1_4	50.0	0.90	NO	50.53	1.040	4.10e5	7.74e5	49.5	-1.1	1.06	bb
5	200601K1_5	400	0.90	NO	50.53	1.040	3.78e6	8.21e5	430	7.5	1.15	bb
6	200601K1_6	1000	0.89	NO	50.53	1.040	9.83e6	8.48e5	1060	6.4	1.14	bb

Compound name: PCB-198  
 Response Factor: 0.793834  
 RRF SD: 0.0466547, Relative SD: 5.87713  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.81	NO	52.08	1.072	1.22e3	6.72e5	0.229	-8.4	0.727	MM
2	200601K1_2	1.00	0.84	NO	52.08	1.072	5.92e3	7.55e5	0.988	-1.2	0.784	bd
3	200601K1_3	2.50	0.85	NO	52.08	1.072	1.51e4	7.66e5	2.48	-0.9	0.787	bd
4	200601K1_4	50.0	0.91	NO	52.08	1.072	2.98e5	7.74e5	48.8	-2.9	0.771	bd
5	200601K1_5	400	0.89	NO	52.08	1.072	2.76e6	8.21e5	424	6.0	0.841	bd
6	200601K1_6	1000	0.89	NO	52.08	1.072	7.22e6	8.48e5	1070	7.5	0.853	bd

Compound name: PCB-199  
 Response Factor: 0.809242  
 RRF SD: 0.0640263, Relative SD: 7.91189  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.83	NO	52.21	1.075	1.18e3	6.72e5	0.216	-13.6	0.699	MM
2	200601K1_2	1.00	0.93	NO	52.19	1.074	6.27e3	7.55e5	1.03	2.7	0.831	db

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-199

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.00	NO	52.21	1.074	1.51e4	7.86e5	2.43	-2.8	0.786	MM
200801K1_4	50.0	0.92	NO	52.21	1.074	3.10e5	7.74e5	49.5	-1.0	0.801	db
200801K1_5	400	0.89	NO	52.21	1.074	2.81e6	8.21e5	424	5.9	0.857	db
200801K1_6	1000	0.90	NO	52.21	1.074	7.45e6	8.46e5	1090	8.8	0.881	db

Compound name: PCB-198/203

Response Factor: 0.838202

RRF SD: 0.0715006, Relative SD: 8.53023

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.00	NO	52.50	1.081	2.91e3	6.72e5	0.518	3.1	0.884	bb
200801K1_2	2.00	0.93	NO	52.50	1.080	1.09e4	7.55e5	1.73	-13.8	0.724	bd
200801K1_3	5.00	0.94	NO	52.50	1.080	3.07e4	7.86e5	4.79	-4.3	0.802	MM
200801K1_4	100	0.90	NO	52.51	1.081	6.36e5	7.74e5	98.1	-1.9	0.822	bb
200801K1_5	800	0.91	NO	52.51	1.081	5.85e6	8.21e5	850	6.2	0.891	bb
200801K1_6	2000	0.91	NO	52.51	1.081	1.57e7	8.46e5	2210	10.4	0.926	bb

Compound name: PCB-195

Response Factor: 1.04444

RRF SD: 0.0883119, Relative SD: 8.45545

Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	0.81	NO	53.79	0.983	1.54e3	6.54e5	0.225	-9.8	0.942	MM
200801K1_2	1.00	0.81	NO	53.79	0.983	6.86e3	6.72e5	0.948	-5.2	0.990	bb
200801K1_3	2.50	0.88	NO	53.79	0.983	1.83e4	7.55e5	2.32	-7.2	0.970	bb
200801K1_4	50.0	0.88	NO	53.81	0.984	3.74e5	6.85e5	52.4	4.7	1.09	bd
200801K1_5	400	0.89	NO	53.79	0.983	3.33e6	7.19e5	443	10.8	1.16	bd
200801K1_6	1000	0.90	NO	53.81	0.984	8.99e6	8.07e5	1070	6.6	1.11	bd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-194  
 Response Factor: 1.11592  
 RRF SD: 0.0652125, Relative SD: 5.84384  
 Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.76	NO	54.72	1.000	1.92e3	6.54e5	0.262	4.9	1.17	MM
200801K1_2	1.00	0.91	NO	54.72	1.000	7.03e3	6.72e5	0.937	-6.3	1.05	bb
200801K1_3	2.50	0.91	NO	54.72	1.000	1.84e4	7.55e5	2.30	-6.1	1.03	bb
200801K1_4	50.0	0.88	NO	54.72	1.000	3.84e5	6.85e5	50.2	0.5	1.12	bb
200801K1_5	400	0.88	NO	54.72	1.000	3.39e6	7.19e5	422	5.5	1.18	bb
200801K1_6	1000	0.89	NO	54.72	1.000	9.32e6	8.07e5	1040	3.5	1.16	bb

Compound name: PCB-205  
 Response Factor: 1.28935  
 RRF SD: 0.0752087, Relative SD: 5.83305  
 Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.01	NO	54.99	1.005	1.97e3	6.54e5	0.233	-6.7	1.20	MM
200801K1_2	1.00	0.88	NO	54.99	1.005	8.47e3	8.72e5	0.977	-2.3	1.26	bb
200801K1_3	2.50	0.92	NO	54.99	1.005	2.29e4	7.55e5	2.35	-5.8	1.21	bb
200801K1_4	50.0	0.89	NO	54.99	1.005	4.55e5	6.85e5	51.5	3.1	1.33	bb
200801K1_5	400	0.87	NO	54.99	1.005	4.00e6	7.19e5	431	7.9	1.39	bb
200801K1_6	1000	0.88	NO	54.99	1.005	1.08e7	8.07e5	1040	3.9	1.34	bb

Compound name: PCB-208  
 Response Factor: 0.933088  
 RRF SD: 0.0782208, Relative SD: 8.383  
 Response type: Internal Std ( Ref 210 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.28	NO	53.95	1.000	1.83e3	8.27e5	0.237	-5.3	0.884	bb
200801K1_2	1.00	1.34	NO	53.95	1.000	7.27e3	8.89e5	0.876	-12.4	0.818	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-208

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	53.95	1.000	2.17e4	9.56e5	2.43	-2.9	0.908	bb
200601K1_4	50.0	1.35	NO	53.95	1.000	4.38e5	9.09e5	51.6	3.3	0.964	bb
200601K1_5	400	1.35	NO	53.95	1.000	3.85e6	9.40e5	439	9.7	1.02	bb
200601K1_6	1000	1.34	NO	53.95	1.000	1.02e7	1.01e6	1080	7.8	1.00	bb

Compound name: PCB-207

Response Factor: 0.916302

RRF SD: 0.0559032, Relative SD: 6.10095

Response type: Internal Std ( Ref 210 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	54.29	1.007	1.83e3	6.27e5	0.242	-3.3	0.886	bb
200601K1_2	1.00	1.36	NO	54.29	1.007	7.48e3	8.89e5	0.915	-8.5	0.839	bb
200601K1_3	2.50	1.29	NO	54.29	1.007	2.13e4	9.56e5	2.44	-2.5	0.893	bb
200601K1_4	50.0	1.35	NO	54.29	1.007	4.18e5	9.09e5	50.2	0.4	0.920	bb
200601K1_5	400	1.32	NO	54.29	1.007	3.69e6	9.40e5	428	7.0	0.981	bb
200601K1_6	1000	1.32	NO	54.29	1.007	9.93e6	1.01e6	1070	6.9	0.979	bb

Compound name: PCB-206

Response Factor: 1.00741

RRF SD: 0.0633496, Relative SD: 6.28838

Response type: Internal Std ( Ref 211 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.24	NO	56.24	1.000	1.17e3	4.83e5	0.240	-4.2	0.965	bb
200601K1_2	1.00	1.28	NO	56.25	1.000	4.56e3	4.90e5	0.928	-7.2	0.935	bd
200601K1_3	2.50	1.39	NO	56.25	1.000	1.33e4	5.49e5	2.40	-4.0	0.987	bb
200601K1_4	50.0	1.35	NO	56.25	1.000	2.55e5	5.03e5	50.4	0.7	1.01	dd
200601K1_5	400	1.33	NO	56.25	1.000	2.21e6	5.04e5	435	8.8	1.10	dd
200601K1_6	1000	1.34	NO	56.25	1.000	5.91e6	5.54e5	1080	5.9	1.07	bd

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-209  
 Response Factor: 0.986438  
 RRF SD: 0.0459049, Relative SD: 4.6536  
 Response type: Internal Std ( Ref 212 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.31	NO	57.48	1.000	8.49e2	3.85e5	0.236	-5.8	0.930	bb
200601K1_2	1.00	1.14	NO	57.49	1.000	3.51e3	3.67e5	0.970	-3.0	0.957	bb
200601K1_3	2.50	1.20	NO	57.49	1.000	9.28e3	3.88e5	2.42	-3.1	0.956	bb
200601K1_4	50.0	1.19	NO	57.49	1.000	1.78e5	3.55e5	50.8	1.8	1.00	bb
200601K1_5	400	1.18	NO	57.49	1.000	1.45e6	3.47e5	424	6.0	1.05	bb
200601K1_6	1000	1.18	NO	57.49	1.000	3.98e6	3.87e5	1040	4.2	1.03	bb

Compound name: 13C-PCB-1  
 Response Factor: 0.893492  
 RRF SD: 0.0183374, Relative SD: 2.05233  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.27	NO	15.51	0.608	2.37e6	2.62e6	101	1.1	0.903	bb
200601K1_2	100	3.24	NO	15.52	0.608	2.53e6	2.80e6	101	1.1	0.903	bb
200601K1_3	100	3.25	NO	15.53	0.609	2.46e6	2.85e6	98.8	-3.4	0.863	bb
200601K1_4	100	3.38	NO	15.53	0.609	2.44e6	2.67e6	102	2.2	0.914	bb
200601K1_5	100	3.20	NO	15.53	0.609	2.52e6	2.81e6	100	0.3	0.896	bb
200601K1_6	100	3.24	NO	15.53	0.609	2.44e6	2.77e6	98.7	-1.3	0.882	bb

Compound name: 13C-PCB-3  
 Response Factor: 0.910947  
 RRF SD: 0.0156258, Relative SD: 1.71533  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.25	NO	18.16	0.711	2.41e6	2.62e6	101	1.0	0.920	bb
200601K1_2	100	3.30	NO	18.16	0.711	2.58e6	2.80e6	101	1.3	0.923	bb



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-3

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	3.32	NO	18.17	0.712	2.54e6	2.85e6	97.7	-2.3	0.890	bb
200801K1_4	100	3.19	NO	18.17	0.712	2.46e6	2.87e6	101	1.1	0.921	bb
200801K1_5	100	3.37	NO	18.17	0.712	2.58e6	2.81e6	101	1.1	0.921	bb
200801K1_6	100	3.32	NO	18.17	0.712	2.47e6	2.77e6	97.9	-2.1	0.892	bb

Compound name: 13C-PCB-4

Response Factor: 0.599965

RRF SD: 0.0112844, Relative SD: 1.87751

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.59	NO	19.51	0.765	1.57e6	2.62e6	99.7	-0.3	0.598	bb
200801K1_2	100	1.81	NO	19.52	0.765	1.72e6	2.80e6	102	2.1	0.613	bb
200801K1_3	100	1.80	NO	19.52	0.765	1.87e6	2.85e6	97.5	-2.5	0.585	bb
200801K1_4	100	1.80	NO	19.53	0.765	1.82e6	2.87e6	101	0.8	0.605	bb
200801K1_5	100	1.58	NO	19.52	0.765	1.72e6	2.81e6	102	1.7	0.610	bb
200801K1_6	100	1.58	NO	19.53	0.765	1.83e6	2.77e6	98.2	-1.8	0.589	bb

Compound name: 13C-PCB-9

Response Factor: 0.989602

RRF SD: 0.0158818, Relative SD: 1.63589

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.57	NO	21.33	0.836	2.57e6	2.62e6	101	1.2	0.981	bb
200801K1_2	100	1.57	NO	21.34	0.836	2.77e6	2.80e6	102	2.0	0.989	bb
200801K1_3	100	1.58	NO	21.35	0.836	2.71e6	2.85e6	98.0	-2.0	0.950	bb
200801K1_4	100	1.57	NO	21.35	0.836	2.81e6	2.87e6	101	0.6	0.975	bb
200801K1_5	100	1.58	NO	21.35	0.836	2.73e6	2.81e6	100	0.2	0.972	bb
200801K1_6	100	1.55	NO	21.35	0.836	2.83e6	2.77e6	98.1	-1.9	0.951	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-11  
 Response Factor: 0.961529  
 RRF SD: 0.00722668, Relative SD: 0.751582  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.57	NO	24.76	0.971	2.53e6	2.62e6	100	0.5	0.966	bb
200601K1_2	100	1.57	NO	24.79	0.972	2.70e6	2.80e6	100	0.3	0.964	bb
200601K1_3	100	1.57	NO	24.80	0.972	2.71e6	2.85e6	98.9	-1.1	0.951	bb
200601K1_4	100	1.56	NO	24.80	0.972	2.56e6	2.87e6	99.5	-0.5	0.957	bb
200601K1_5	100	1.57	NO	24.80	0.972	2.70e6	2.81e6	99.8	-0.2	0.960	bb
200601K1_6	100	1.57	NO	24.80	0.972	2.69e6	2.77e6	101	1.0	0.971	bb

Compound name: 13C-PCB-19  
 Response Factor: 0.498883  
 RRF SD: 0.00572334, Relative SD: 1.14723  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.02	NO	23.75	0.931	1.32e6	2.62e6	101	0.8	0.503	bb
200601K1_2	100	1.03	NO	23.75	0.931	1.42e6	2.80e6	101	1.3	0.505	bb
200601K1_3	100	1.04	NO	23.76	0.931	1.39e6	2.85e6	98.1	-1.9	0.489	bb
200601K1_4	100	1.02	NO	23.76	0.931	1.33e6	2.67e6	99.5	-0.5	0.496	bb
200601K1_5	100	1.00	NO	23.76	0.931	1.40e6	2.81e6	99.8	-0.2	0.496	bb
200601K1_6	100	1.01	NO	23.76	0.931	1.39e6	2.77e6	101	0.5	0.501	bb

Compound name: 13C-PCB-32  
 Response Factor: 0.74412  
 RRF SD: 0.0231643, Relative SD: 3.11298  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.04	NO	26.74	1.048	1.93e6	2.62e6	99.1	-0.9	0.737	bb
200601K1_2	100	1.05	NO	26.75	1.048	2.07e6	2.80e6	99.5	-0.5	0.741	bb

Dataset: U:\WG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-32

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.02	NO	28.75	1.048	2.03e6	2.85e6	95.5	-4.5	0.710	bb
200601K1_4	100	1.03	NO	28.75	1.048	1.97e6	2.87e6	99.2	-0.8	0.739	bb
200601K1_5	100	1.04	NO	28.75	1.048	2.13e6	2.81e6	102	2.0	0.759	bb
200601K1_6	100	1.05	NO	28.75	1.048	2.18e6	2.77e6	105	4.7	0.779	bb

Compound name: 13C-PCB-28

Response Factor: 1.06428

RRF SD: 0.0550204, Relative SD: 5.16973

Response type: Internal Std ( Ref 214 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	28.75	1.003	2.38e6	2.08e6	107	7.4	1.14	db
200601K1_2	100	1.04	NO	28.77	1.004	2.38e6	2.43e6	92.3	-7.7	0.983	db
200601K1_3	100	1.04	NO	28.77	1.004	2.33e6	2.26e6	97.0	-3.0	1.03	db
200601K1_4	100	1.04	NO	28.77	1.004	2.26e6	2.13e6	98.7	-0.3	1.06	db
200601K1_5	100	1.04	NO	28.77	1.004	2.40e6	2.24e6	100	0.4	1.07	db
200601K1_6	100	1.04	NO	28.77	1.004	2.39e6	2.18e6	103	3.2	1.10	db

Compound name: 13C-PCB-37

Response Factor: 0.989118

RRF SD: 0.0390859, Relative SD: 3.95159

Response type: Internal Std ( Ref 214 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	32.75	1.143	2.11e6	2.08e6	102	2.5	1.01	bb
200601K1_2	100	1.02	NO	32.75	1.143	2.28e6	2.43e6	94.0	-8.0	0.930	bb
200601K1_3	100	1.05	NO	32.75	1.143	2.28e6	2.28e6	101	1.4	1.00	bb
200601K1_4	100	1.03	NO	32.75	1.143	2.09e6	2.13e6	99.2	-0.8	0.981	bb
200601K1_5	100	1.06	NO	32.75	1.143	2.17e6	2.24e6	97.8	-2.4	0.968	bb
200601K1_6	100	1.05	NO	32.77	1.143	2.27e6	2.18e6	105	5.3	1.04	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: 13C-PCB-54**

Response Factor: 0.99939

RRF SD: 0.0146278, Relative SD: 1.46368

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.77	NO	27.60	0.752	1.88e6	1.87e6	101	0.8	1.01	bb
200801K1_2	100	0.78	NO	27.62	0.753	1.85e6	1.82e6	102	1.7	1.02	bb
200801K1_3	100	0.79	NO	27.62	0.753	1.80e6	1.81e6	99.5	-0.5	0.995	bb
200801K1_4	100	0.79	NO	27.62	0.753	1.75e6	1.74e6	101	0.8	1.01	bb
200801K1_5	100	0.77	NO	27.62	0.752	1.88e6	1.89e6	99.7	-0.3	0.998	bb
200801K1_6	100	0.79	NO	27.62	0.752	1.88e6	1.92e6	97.5	-2.5	0.974	bb

**Compound name: 13C-PCB-52**

Response Factor: 0.804222

RRF SD: 0.0127119, Relative SD: 1.58085

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.78	NO	31.25	0.852	1.37e6	1.87e6	102	1.8	0.817	bd
200801K1_2	100	0.79	NO	31.26	0.852	1.50e6	1.82e6	102	2.3	0.823	bb
200801K1_3	100	0.81	NO	31.26	0.852	1.44e6	1.81e6	99.0	-1.0	0.796	bb
200801K1_4	100	0.79	NO	31.26	0.852	1.38e6	1.74e6	98.5	-1.5	0.792	bd
200801K1_5	100	0.77	NO	31.26	0.852	1.51e6	1.89e6	99.4	-0.6	0.799	bd
200801K1_6	100	0.77	NO	31.26	0.852	1.54e6	1.92e6	99.2	-0.8	0.796	bd

**Compound name: 13C-PCB-47**

Response Factor: 0.857338

RRF SD: 0.011554, Relative SD: 1.34766

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	31.77	0.866	1.44e6	1.87e6	100	0.3	0.860	bb
200801K1_2	100	0.78	NO	31.77	0.866	1.59e6	1.82e6	102	2.1	0.875	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: 13C-PCB-47**

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	31.78	0.867	1.53e6	1.81e6	98.3	-1.7	0.843	bb
200601K1_4	100	0.78	NO	31.78	0.867	1.49e6	1.74e6	100	-0.0	0.857	bb
200601K1_5	100	0.78	NO	31.78	0.866	1.60e6	1.89e6	98.7	-1.3	0.846	bb
200601K1_6	100	0.78	NO	31.78	0.866	1.66e6	1.92e6	101	0.5	0.862	bb

**Compound name: 13C-PCB-70**

Response Factor: 0.995775

RRF SD: 0.0166908, Relative SD: 1.67616

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	35.40	0.965	1.70e6	1.67e6	102	2.3	1.02	bb
200601K1_2	100	0.79	NO	35.41	0.965	1.84e6	1.82e6	101	1.4	1.01	bb
200601K1_3	100	0.79	NO	35.41	0.965	1.79e6	1.81e6	99.4	-0.6	0.989	bb
200601K1_4	100	0.80	NO	35.41	0.965	1.73e6	1.74e6	100	0.1	0.997	bb
200601K1_5	100	0.79	NO	35.41	0.965	1.84e6	1.89e6	97.6	-2.4	0.972	bb
200601K1_6	100	0.79	NO	35.41	0.965	1.90e6	1.92e6	99.2	-0.8	0.988	bb

**Compound name: 13C-PCB-80**

Response Factor: 1.02819

RRF SD: 0.0132281, Relative SD: 1.28654

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.80	NO	35.84	0.977	1.75e6	1.67e6	102	1.8	1.05	bb
200601K1_2	100	0.79	NO	35.84	0.977	1.87e6	1.82e6	100	-0.0	1.03	bb
200601K1_3	100	0.79	NO	35.84	0.977	1.86e6	1.81e6	99.7	-0.3	1.03	bb
200601K1_4	100	0.79	NO	35.84	0.977	1.79e6	1.74e6	100	0.2	1.03	bb
200601K1_5	100	0.80	NO	35.84	0.977	1.90e6	1.89e6	97.8	-2.2	1.01	db
200601K1_6	100	0.77	NO	35.84	0.977	1.99e6	1.92e6	100	0.5	1.03	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: 13C-PCB-81**

Response Factor: 0.987991

RRF SD: 0.0137248, Relative SD: 1.38916

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.04	1.084	1.85e6	1.87e6	99.8	-0.2	0.986	bd
2	200801K1_2	100	0.79	NO	39.04	1.084	1.76e6	1.82e6	98.0	-2.0	0.988	bd
3	200801K1_3	100	0.79	NO	39.04	1.084	1.80e6	1.81e6	100	0.5	0.993	bd
4	200801K1_4	100	0.80	NO	39.04	1.084	1.70e6	1.74e6	99.2	-0.8	0.980	bb
5	200801K1_5	100	0.78	NO	39.04	1.084	1.86e6	1.89e6	101	0.6	0.994	bd
6	200801K1_6	100	0.78	NO	39.04	1.084	1.94e6	1.92e6	102	2.0	1.01	bd

**Compound name: 13C-PCB-77**

Response Factor: 0.988731

RRF SD: 0.0228063, Relative SD: 2.35425

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.66	1.081	1.59e6	1.67e6	98.5	-1.5	0.954	bb
2	200801K1_2	100	0.78	NO	39.66	1.081	1.71e6	1.82e6	97.0	-3.0	0.940	bb
3	200801K1_3	100	0.79	NO	39.66	1.081	1.75e6	1.81e6	99.7	-0.3	0.966	bb
4	200801K1_4	100	0.80	NO	39.66	1.081	1.69e6	1.74e6	101	0.6	0.975	bb
5	200801K1_5	100	0.81	NO	39.66	1.081	1.84e6	1.89e6	100	0.2	0.970	bb
6	200801K1_6	100	0.80	NO	39.66	1.081	1.94e6	1.92e6	104	4.0	1.01	bb

**Compound name: 13C-PCB-104**

Response Factor: 1.01645

RRF SD: 0.0338582, Relative SD: 3.33102

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	1.58	NO	32.44	0.828	1.12e6	1.08e6	102	1.8	1.03	bb
2	200801K1_2	100	1.85	NO	32.46	0.827	1.26e6	1.18e6	105	4.9	1.07	bb



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-104

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.62	NO	32.46	0.827	1.20e6	1.17e6	100	0.4	1.02	bb
200601K1_4	100	1.59	NO	32.46	0.827	1.17e6	1.15e6	100	0.3	1.02	bb
200601K1_5	100	1.62	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb
200601K1_6	100	1.63	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb

Compound name: 13C-PCB-95

Response Factor: 0.805195

RRF SD: 0.0178744, Relative SD: 2.19504

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	35.71	0.910	8.86e5	1.08e6	102	1.5	0.817	bb
200601K1_2	100	1.82	NO	35.71	0.910	9.83e5	1.18e6	101	1.5	0.817	bb
200601K1_3	100	1.81	NO	35.71	0.910	9.53e5	1.17e6	101	1.1	0.814	bb
200601K1_4	100	1.84	NO	35.73	0.910	9.36e5	1.15e6	101	0.8	0.812	bb
200601K1_5	100	1.81	NO	35.73	0.910	1.01e6	1.31e6	95.8	-4.2	0.772	bb
200601K1_6	100	1.80	NO	35.73	0.910	1.05e6	1.31e6	99.3	-0.7	0.799	bb

Compound name: 13C-PCB-101

Response Factor: 0.792577

RRF SD: 0.0148513, Relative SD: 1.84857

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	37.46	0.955	8.56e5	1.08e6	99.8	-0.4	0.789	bb
200601K1_2	100	1.87	NO	37.46	0.955	9.56e5	1.18e6	102	2.5	0.812	bb
200601K1_3	100	1.81	NO	37.46	0.955	9.39e5	1.17e6	101	1.2	0.802	bb
200601K1_4	100	1.80	NO	37.46	0.955	9.13e5	1.15e6	100	-0.0	0.793	bb
200601K1_5	100	1.80	NO	37.46	0.955	1.01e6	1.31e6	97.0	-3.0	0.769	bb
200601K1_6	100	1.87	NO	37.46	0.955	1.04e6	1.31e6	99.7	-0.3	0.790	bb

Dataset: U:\WG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-97

Response Factor: 0.696385

RRF SD: 0.00628075, Relative SD: 0.901907

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.63	NO	38.80	0.989	7.55e5	1.08e6	100	0.0	0.697	bb
200601K1_2	100	1.64	NO	38.80	0.989	8.31e5	1.18e6	101	1.2	0.705	bb
200601K1_3	100	1.63	NO	38.80	0.989	8.21e5	1.17e6	101	0.7	0.701	bb
200601K1_4	100	1.64	NO	38.80	0.989	7.95e5	1.15e6	99.0	-1.0	0.690	bb
200601K1_5	100	1.61	NO	38.80	0.989	9.02e5	1.31e6	99.0	-1.0	0.689	bb
200601K1_6	100	1.61	NO	38.80	0.989	9.13e5	1.31e6	100	0.0	0.698	bb

Compound name: 13C-PCB-123

Response Factor: 0.932868

RRF SD: 0.0173754, Relative SD: 1.86258

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.82	NO	41.44	1.056	1.02e6	1.08e6	101	0.6	0.939	bd
200601K1_2	100	1.81	NO	41.44	1.056	1.11e6	1.18e6	101	0.5	0.938	bd
200601K1_3	100	1.84	NO	41.44	1.056	1.12e6	1.17e6	102	2.1	0.953	bd
200601K1_4	100	1.82	NO	41.48	1.056	1.07e6	1.15e6	99.3	-0.7	0.928	bd
200601K1_5	100	1.82	NO	41.48	1.056	1.18e6	1.31e6	96.7	-3.3	0.902	bd
200601K1_6	100	1.81	NO	41.48	1.056	1.23e6	1.31e6	101	0.7	0.939	bd

Compound name: 13C-PCB-118

Response Factor: 0.985592

RRF SD: 0.0134189, Relative SD: 1.3815

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.64	NO	41.63	1.061	1.07e6	1.08e6	100	0.4	0.990	db
200601K1_2	100	1.62	NO	41.63	1.061	1.17e6	1.18e6	100	0.3	0.988	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-118

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_3	100	1.88	NO	41.85	1.081	1.16e6	1.17e6	100	0.3	0.989	db
200801K1_4	100	1.84	NO	41.85	1.081	1.12e6	1.15e6	98.8	-1.2	0.974	db
200801K1_5	100	1.83	NO	41.85	1.081	1.27e6	1.31e6	98.2	-1.8	0.987	db
200801K1_6	100	1.58	NO	41.85	1.081	1.32e6	1.31e6	102	2.0	1.01	db

Compound name: 13C-PCB-114

Response Factor: 1.54868

RRF SD: 0.0375936, Relative SD: 2.4308

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	42.30	0.908	1.38e6	8.47e5	104	4.0	1.81	bb
200801K1_2	100	1.55	NO	42.30	0.908	1.45e6	9.25e5	102	1.8	1.57	bb
200801K1_3	100	1.58	NO	42.32	0.908	1.47e6	9.70e5	97.9	-2.1	1.51	bb
200801K1_4	100	1.58	NO	42.32	0.908	1.41e6	9.28e5	98.2	-1.8	1.52	bb
200801K1_5	100	1.59	NO	42.32	0.908	1.52e6	1.00e6	98.3	-1.7	1.52	bb
200801K1_6	100	1.58	NO	42.32	0.908	1.58e6	1.02e6	100	0.0	1.55	bb

Compound name: 13C-PCB-105

Response Factor: 1.57244

RRF SD: 0.0487805, Relative SD: 3.10222

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	43.19	0.927	1.40e6	8.47e5	105	5.1	1.85	dd
200801K1_2	100	1.55	NO	43.19	0.927	1.47e6	9.25e5	101	1.1	1.59	bd
200801K1_3	100	1.59	NO	43.21	0.927	1.49e6	9.70e5	98.0	-2.0	1.54	bd
200801K1_4	100	1.59	NO	43.21	0.927	1.42e6	9.28e5	97.4	-2.8	1.53	bb
200801K1_5	100	1.57	NO	43.21	0.927	1.53e6	1.00e6	97.2	-2.8	1.53	bd
200801K1_6	100	1.57	NO	43.21	0.927	1.62e6	1.02e6	101	1.2	1.59	dd

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-127  
 Response Factor: 1.82478  
 RRF SD: 0.0481809, Relative SD: 2.96539  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.56	NO	43.55	0.935	1.45e6	8.47e5	105	5.2	1.71	db
200801K1_2	100	1.57	NO	43.55	0.935	1.51e6	9.25e5	100	0.3	1.83	db
200801K1_3	100	1.57	NO	43.55	0.935	1.59e6	9.70e5	101	0.8	1.84	db
200801K1_4	100	1.56	NO	43.55	0.934	1.47e6	9.28e5	97.5	-2.5	1.58	bb
200801K1_5	100	1.56	NO	43.55	0.934	1.58e6	1.00e6	97.0	-3.0	1.58	db
200801K1_6	100	1.56	NO	43.55	0.934	1.64e6	1.02e6	99.2	-0.8	1.81	db

Compound name: 13C-PCB-126  
 Response Factor: 1.56796  
 RRF SD: 0.0317856, Relative SD: 2.02719  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.55	NO	45.51	0.978	1.33e6	8.47e5	100	0.0	1.57	bb
200801K1_2	100	1.56	NO	45.51	0.978	1.49e6	9.25e5	103	2.8	1.81	bb
200801K1_3	100	1.59	NO	45.51	0.978	1.54e6	9.70e5	101	1.0	1.58	bb
200801K1_4	100	1.54	NO	45.52	0.978	1.45e6	9.28e5	100	0.1	1.57	bb
200801K1_5	100	1.57	NO	45.51	0.978	1.51e6	1.00e6	98.4	-3.8	1.51	bb
200801K1_6	100	1.56	NO	45.52	0.978	1.80e6	1.02e6	99.8	-0.2	1.56	bb

Compound name: 13C-PCB-155  
 Response Factor: 0.614596  
 RRF SD: 0.0119449, Relative SD: 1.94354  
 Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.28	NO	36.98	0.942	6.57e5	1.08e6	98.8	-1.4	0.606	bb
200801K1_2	100	1.28	NO	36.98	0.942	7.35e5	1.18e6	101	1.4	0.823	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-155

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.32	NO	36.99	0.943	7.36e5	1.17e6	102	2.3	0.629	bb
200601K1_4	100	1.28	NO	36.99	0.943	7.19e5	1.15e6	102	1.5	0.624	bb
200601K1_5	100	1.35	NO	36.99	0.943	7.68e5	1.31e6	97.8	-2.2	0.601	bb
200601K1_6	100	1.32	NO	36.99	0.943	7.92e5	1.31e6	98.3	-1.7	0.604	bb

Compound name: 13C-PCB-153

Response Factor: 1.36484

RRF SD: 0.0310875, Relative SD: 2.27774

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.26	NO	43.36	0.930	1.21e6	8.47e5	104	4.5	1.43	bb
200601K1_2	100	1.25	NO	43.36	0.930	1.26e6	9.25e5	100	0.1	1.37	bb
200601K1_3	100	1.24	NO	43.36	0.930	1.30e6	9.70e5	98.2	-1.8	1.34	bb
200601K1_4	100	1.28	NO	43.36	0.930	1.25e6	9.26e5	99.1	-0.9	1.35	bb
200601K1_5	100	1.25	NO	43.36	0.930	1.35e6	1.00e6	98.8	-1.2	1.35	bb
200601K1_6	100	1.28	NO	43.36	0.930	1.38e6	1.02e6	99.4	-0.6	1.36	bb

Compound name: 13C-PCB-141

Response Factor: 1.12787

RRF SD: 0.0175764, Relative SD: 1.55838

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	44.12	0.947	9.74e5	8.47e5	102	1.9	1.15	bb
200601K1_2	100	1.28	NO	44.14	0.947	1.06e6	9.25e5	101	1.4	1.14	bb
200601K1_3	100	1.30	NO	44.14	0.947	1.10e6	9.70e5	100	0.4	1.13	bb
200601K1_4	100	1.28	NO	44.14	0.947	1.03e6	9.26e5	99.1	-0.9	1.12	bb
200601K1_5	100	1.26	NO	44.14	0.947	1.12e6	1.00e6	99.4	-0.6	1.12	bb
200601K1_6	100	1.26	NO	44.14	0.947	1.12e6	1.02e6	97.7	-2.3	1.10	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-138  
 Response Factor: 1.18475  
 RRF SD: 0.015047, Relative SD: 1.27006  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.29	NO	44.99	0.965	1.00e6	8.47e5	99.7	-0.3	1.18	bb
200801K1_2	100	1.29	NO	44.99	0.965	1.11e6	9.25e5	101	1.0	1.20	bb
200801K1_3	100	1.29	NO	45.01	0.966	1.16e6	9.70e5	101	0.6	1.19	bb
200801K1_4	100	1.29	NO	45.01	0.965	1.07e6	9.28e5	97.9	-2.1	1.16	bb
200801K1_5	100	1.28	NO	45.01	0.965	1.18e6	1.00e6	99.5	-0.5	1.18	bb
200801K1_6	100	1.27	NO	45.01	0.985	1.22e6	1.02e6	101	1.3	1.20	bb

Compound name: 13C-PCB-159  
 Response Factor: 1.43942  
 RRF SD: 0.0195746, Relative SD: 1.3599  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	46.32	0.994	1.22e6	8.47e5	99.7	-0.3	1.44	bb
200801K1_2	100	1.28	NO	46.32	0.994	1.34e6	9.25e5	100	0.4	1.44	bd
200801K1_3	100	1.27	NO	46.32	0.994	1.38e6	9.70e5	99.0	-1.0	1.43	bd
200801K1_4	100	1.28	NO	46.34	0.994	1.33e6	9.28e5	99.7	-0.3	1.43	bd
200801K1_5	100	1.28	NO	46.34	0.994	1.42e6	1.00e6	98.7	-1.3	1.42	bd
200801K1_6	100	1.28	NO	46.34	0.994	1.51e6	1.02e6	103	2.5	1.48	bd

Compound name: 13C-PCB-167  
 Response Factor: 1.44018  
 RRF SD: 0.0216462, Relative SD: 1.50303  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	47.02	1.009	1.22e6	8.47e5	99.8	-0.4	1.43	bb
200801K1_2	100	1.28	NO	47.02	1.009	1.33e6	9.25e5	99.8	-0.4	1.43	bb



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-167

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.27	NO	47.04	1.009	1.39e6	9.70e5	99.8	-0.2	1.44	bb
200601K1_4	100	1.27	NO	47.04	1.009	1.36e6	9.26e5	102	1.9	1.47	bb
200601K1_5	100	1.25	NO	47.04	1.009	1.41e6	1.00e6	97.7	-2.3	1.41	bb
200601K1_6	100	1.26	NO	47.04	1.009	1.49e6	1.02e6	101	1.5	1.46	bb

Compound name: 13C-PCB-156

Response Factor: 1.39893

RRF SD: 0.0275437, Relative SD: 1.97173

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	48.37	1.038	1.16e6	8.47e5	99.8	-0.2	1.39	bb
200601K1_2	100	1.27	NO	48.37	1.038	1.26e6	9.25e5	97.8	-2.2	1.37	bb
200601K1_3	100	1.28	NO	48.37	1.038	1.35e6	9.70e5	99.5	-0.5	1.39	bb
200601K1_4	100	1.26	NO	48.37	1.037	1.31e6	9.26e5	102	1.7	1.42	bb
200601K1_5	100	1.26	NO	48.37	1.037	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.27	NO	48.37	1.037	1.47e6	1.02e6	103	2.9	1.44	bb

Compound name: 13C-PCB-157

Response Factor: 1.39899

RRF SD: 0.0376485, Relative SD: 2.69497

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.27	NO	48.63	1.043	1.19e6	8.47e5	100	0.2	1.40	bb
200601K1_2	100	1.28	NO	48.63	1.043	1.24e6	9.25e5	95.9	-4.1	1.34	bb
200601K1_3	100	1.28	NO	48.65	1.044	1.36e6	9.70e5	100	0.3	1.40	bb
200601K1_4	100	1.26	NO	48.65	1.043	1.31e6	9.26e5	102	1.6	1.42	bb
200601K1_5	100	1.27	NO	48.65	1.043	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.26	NO	48.65	1.043	1.46e6	1.02e6	104	3.7	1.45	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-189  
 Response Factor: 1.33116  
 RRF SD: 0.042515, Relative SD: 3.19384  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.26	NO	50.90	1.092	1.12e6	8.47e5	99.2	-0.8	1.32	bb
200801K1_2	100	1.26	NO	50.90	1.092	1.19e6	9.25e5	96.3	-3.7	1.28	bb
200801K1_3	100	1.26	NO	50.90	1.092	1.33e6	9.70e5	103	3.1	1.37	bb
200801K1_4	100	1.26	NO	50.90	1.092	1.22e6	9.29e5	99.1	-0.9	1.32	bb
200801K1_5	100	1.25	NO	50.90	1.092	1.30e6	1.00e6	97.7	-2.3	1.30	bb
200801K1_6	100	1.27	NO	50.92	1.092	1.42e6	1.02e6	105	4.6	1.39	bb

Compound name: 13C-PCB-188  
 Response Factor: 1.40951  
 RRF SD: 0.0117086, Relative SD: 0.83069  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.45	NO	42.99	0.926	9.28e5	6.60e5	99.8	-0.2	1.41	bb
200801K1_2	100	0.45	NO	42.99	0.926	1.02e6	7.21e5	100	-0.0	1.41	bb
200801K1_3	100	0.46	NO	42.99	0.926	1.03e6	7.29e5	101	0.7	1.42	bb
200801K1_4	100	0.46	NO	43.00	0.926	1.01e6	7.30e5	96.5	-1.5	1.39	bb
200801K1_5	100	0.46	NO	43.00	0.926	1.13e6	8.04e5	100	0.1	1.41	bb
200801K1_6	100	0.45	NO	43.00	0.926	1.18e6	8.32e5	101	0.9	1.42	bb

Compound name: 13C-PCB-180  
 Response Factor: 0.928881  
 RRF SD: 0.0196492, Relative SD: 2.11536  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	49.69	1.070	6.18e5	6.60e5	101	0.5	0.934	bd
200801K1_2	100	0.44	NO	49.69	1.070	6.54e5	7.21e5	97.6	-2.4	0.907	bd

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-180

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	0.46	NO	49.69	1.070	7.01e5	7.29e5	103	3.4	0.961	bd
200801K1_4	100	0.46	NO	49.69	1.070	6.87e5	7.30e5	98.4	-1.6	0.914	bb
200801K1_5	100	0.45	NO	49.69	1.070	7.40e5	8.04e5	99.1	-0.9	0.920	bb
200801K1_6	100	0.45	NO	49.69	1.070	7.81e5	8.32e5	101	1.1	0.939	bb

Compound name: 13C-PCB-170

Response Factor: 0.794323

RRF SD: 0.024833, Relative SD: 3.12632

Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.45	NO	51.36	1.106	5.21e5	6.60e5	99.4	-0.6	0.789	bb
200801K1_2	100	0.44	NO	51.36	1.106	5.75e5	7.21e5	100	0.4	0.798	bb
200801K1_3	100	0.45	NO	51.36	1.106	6.11e5	7.29e5	105	5.4	0.837	bb
200801K1_4	100	0.46	NO	51.36	1.106	5.78e5	7.30e5	99.8	-0.2	0.793	bb
200801K1_5	100	0.46	NO	51.36	1.106	6.11e5	8.04e5	95.7	-4.3	0.760	bb
200801K1_6	100	0.46	NO	51.36	1.106	6.57e5	8.32e5	99.3	-0.7	0.789	bb

Compound name: 13C-PCB-189

Response Factor: 1.04459

RRF SD: 0.0359944, Relative SD: 3.44577

Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	53.08	1.143	6.87e5	6.60e5	99.6	-0.4	1.04	bb
200801K1_2	100	0.46	NO	53.08	1.143	7.42e5	7.21e5	98.5	-1.5	1.03	bb
200801K1_3	100	0.46	NO	53.08	1.143	8.11e5	7.29e5	108	6.4	1.11	bb
200801K1_4	100	0.46	NO	53.08	1.143	7.81e5	7.30e5	99.8	-0.2	1.04	bb
200801K1_5	100	0.46	NO	53.08	1.143	8.07e5	8.04e5	98.1	-3.9	1.00	bb
200801K1_6	100	0.47	NO	53.08	1.143	8.85e5	8.32e5	99.6	-0.4	1.04	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-202

Response Factor: 1.03576

RRF SD: 0.0193089, Relative SD: 1.86423

Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.94	NO	48.57	1.048	6.72e5	6.60e5	98.4	-1.6	1.02	bb
200601K1_2	100	0.93	NO	48.59	1.048	7.55e5	7.21e5	101	1.1	1.05	bb
200601K1_3	100	0.93	NO	48.59	1.048	7.66e5	7.29e5	101	1.4	1.05	bb
200601K1_4	100	0.91	NO	48.59	1.048	7.74e5	7.30e5	102	2.4	1.06	bb
200601K1_5	100	0.93	NO	48.59	1.048	8.21e5	8.04e5	98.5	-1.5	1.02	bb
200601K1_6	100	0.91	NO	48.59	1.048	8.48e5	8.32e5	98.2	-1.6	1.02	bb

Compound name: 13C-PCB-184

Response Factor: 0.768019

RRF SD: 0.0144259, Relative SD: 1.87833

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.88	NO	54.70	0.995	6.54e5	6.59e5	99.2	-0.8	0.762	bb
200601K1_2	100	0.90	NO	54.70	0.995	6.72e5	6.91e5	98.2	-1.8	0.754	bb
200601K1_3	100	0.89	NO	54.70	0.995	7.55e5	9.85e5	99.9	-0.1	0.767	bb
200601K1_4	100	0.89	NO	54.70	0.995	6.85e5	6.96e5	99.3	-0.7	0.763	bb
200601K1_5	100	0.90	NO	54.70	0.995	7.19e5	9.37e5	99.9	-0.1	0.787	bb
200601K1_6	100	0.90	NO	54.70	0.995	8.07e5	1.01e6	104	3.6	0.796	bb

Compound name: 13C-PCB-208

Response Factor: 0.990772

RRF SD: 0.01981, Relative SD: 1.97926

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	53.94	0.981	8.27e5	8.59e5	97.1	-2.9	0.962	bb
200601K1_2	100	0.77	NO	53.94	0.981	8.89e5	8.91e5	101	0.7	0.998	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-208

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	53.94	0.981	9.56e5	9.85e5	96.0	-2.0	0.971	bb
200601K1_4	100	0.79	NO	53.94	0.981	9.09e5	8.98e5	102	2.1	1.01	bb
200601K1_5	100	0.78	NO	53.94	0.981	9.40e5	9.37e5	101	1.2	1.00	bb
200601K1_6	100	0.78	NO	53.94	0.981	1.01e6	1.01e6	101	0.9	0.999	bb

Compound name: 13C-PCB-206

Response Factor: 0.552205

RRF SD: 0.00935022, Relative SD: 1.69325

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.78	NO	56.24	1.023	4.83e5	8.59e5	102	1.8	0.562	dd
200601K1_2	100	0.81	NO	56.24	1.023	4.90e5	8.91e5	99.5	-0.5	0.550	dd
200601K1_3	100	0.78	NO	56.24	1.023	5.49e5	9.85e5	101	1.0	0.558	bb
200601K1_4	100	0.80	NO	56.24	1.023	5.03e5	8.98e5	101	1.4	0.560	dd
200601K1_5	100	0.78	NO	56.24	1.023	5.04e5	9.37e5	97.4	-2.8	0.538	bd
200601K1_6	100	0.78	NO	56.24	1.023	5.54e5	1.01e6	99.0	-1.0	0.547	db

Compound name: 13C-PCB-209

Response Factor: 0.396384

RRF SD: 0.0196712, Relative SD: 4.96267

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.23	NO	57.48	1.046	3.65e5	8.59e5	107	7.2	0.425	bb
200601K1_2	100	1.16	NO	57.48	1.046	3.67e5	8.91e5	104	3.8	0.411	bb
200601K1_3	100	1.18	NO	57.48	1.046	3.88e5	9.85e5	99.5	-0.5	0.394	bb
200601K1_4	100	1.18	NO	57.48	1.046	3.55e5	8.98e5	99.8	-0.2	0.396	bb
200601K1_5	100	1.19	NO	57.48	1.046	3.47e5	9.37e5	93.4	-6.6	0.370	bb
200601K1_6	100	1.19	NO	57.48	1.046	3.87e5	1.01e6	98.3	-3.7	0.382	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: 13C-PCB-15**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.56	NO	25.52	0.000	2.62e6	2.62e6	100	0.0	1.00	bb
200601K1_2	100	1.57	NO	25.51	0.000	2.80e6	2.80e6	100	0.0	1.00	bb
200601K1_3	100	1.58	NO	25.53	0.000	2.85e6	2.85e6	100	0.0	1.00	bb
200601K1_4	100	1.56	NO	25.53	0.000	2.67e6	2.67e6	100	0.0	1.00	bb
200601K1_5	100	1.57	NO	25.53	0.000	2.81e6	2.81e6	100	0.0	1.00	bb
200601K1_6	100	1.56	NO	25.53	0.000	2.77e6	2.77e6	100	0.0	1.00	bb

**Compound name: 13C-PCB-31**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 214 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.03	NO	28.66	0.000	2.08e6	2.08e6	100	0.0	1.00	bd
200601K1_2	100	1.04	NO	28.66	0.000	2.43e6	2.43e6	100	0.0	1.00	bd
200601K1_3	100	1.04	NO	28.66	0.000	2.26e6	2.26e6	100	0.0	1.00	bd
200601K1_4	100	1.05	NO	28.66	0.000	2.13e6	2.13e6	100	0.0	1.00	bd
200601K1_5	100	1.03	NO	28.66	0.000	2.24e6	2.24e6	100	0.0	1.00	bd
200601K1_6	100	1.04	NO	28.66	0.000	2.18e6	2.18e6	100	0.0	1.00	bd

**Compound name: 13C-PCB-60**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.78	NO	36.66	0.000	1.67e6	1.67e6	100	0.0	1.00	bb
200601K1_2	100	0.80	NO	36.66	0.000	1.82e6	1.82e6	100	0.0	1.00	bb



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-80

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_3	100	0.78	NO	36.68	0.000	1.81e6	1.81e6	100	0.0	1.00		bb
200801K1_4	100	0.79	NO	36.68	0.000	1.74e6	1.74e6	100	0.0	1.00		bb
200801K1_5	100	0.78	NO	36.70	0.000	1.89e6	1.89e6	100	0.0	1.00		bb
200801K1_6	100	0.78	NO	36.70	0.000	1.92e6	1.92e6	100	0.0	1.00		bb

Compound name: 13C-PCB-111

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_1	100	1.62	NO	39.25	0.000	1.08e6	1.08e6	100	0.0	1.00		bb
200801K1_2	100	1.62	NO	39.25	0.000	1.18e6	1.18e6	100	0.0	1.00		bb
200801K1_3	100	1.62	NO	39.25	0.000	1.17e6	1.17e6	100	0.0	1.00		db
200801K1_4	100	1.60	NO	39.25	0.000	1.15e6	1.15e6	100	0.0	1.00		bb
200801K1_5	100	1.62	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00		bb
200801K1_6	100	1.63	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00		bb

Compound name: 13C-PCB-128

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X	dropped
200801K1_1	100	1.28	NO	46.60	0.000	8.47e5	8.47e5	100	0.0	1.00		bb
200801K1_2	100	1.27	NO	46.60	0.000	9.25e5	9.25e5	100	0.0	1.00		db
200801K1_3	100	1.25	NO	46.60	0.000	9.70e5	9.70e5	100	0.0	1.00		db
200801K1_4	100	1.26	NO	46.62	0.000	9.26e5	9.26e5	100	0.0	1.00		db
200801K1_5	100	1.26	NO	46.62	0.000	1.00e6	1.00e6	100	0.0	1.00		db
200801K1_6	100	1.27	NO	46.62	0.000	1.02e6	1.02e6	100	0.0	1.00		db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

**Compound name: 13C-PCB-182**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	46.43	0.000	6.60e5	6.60e5	100	0.0	1.00	bb
200801K1_2	100	0.44	NO	46.43	0.000	7.21e5	7.21e5	100	0.0	1.00	bb
200801K1_3	100	0.46	NO	46.43	0.000	7.29e5	7.29e5	100	0.0	1.00	bb
200801K1_4	100	0.45	NO	46.43	0.000	7.30e5	7.30e5	100	0.0	1.00	bb
200801K1_5	100	0.45	NO	46.43	0.000	8.04e5	8.04e5	100	0.0	1.00	bb
200801K1_6	100	0.45	NO	46.43	0.000	8.32e5	8.32e5	100	0.0	1.00	bb

**Compound name: 13C-PCB-205**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.90	NO	54.98	0.000	8.59e5	8.59e5	100	0.0	1.00	bb
200801K1_2	100	0.89	NO	54.98	0.000	8.91e5	8.91e5	100	0.0	1.00	bb
200801K1_3	100	0.90	NO	54.98	0.000	9.85e5	9.85e5	100	0.0	1.00	bb
200801K1_4	100	0.90	NO	54.98	0.000	8.98e5	8.98e5	100	0.0	1.00	bb
200801K1_5	100	0.90	NO	54.98	0.000	9.37e5	9.37e5	100	0.0	1.00	bb
200801K1_6	100	0.92	NO	54.98	0.000	1.01e6	1.01e6	100	0.0	1.00	bb

**Compound name: 13C-PCB-79**

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	37.78	1.030	1.83e6	1.67e6	102	2.2	1.09	bb
200801K1_2	100	0.80	NO	37.78	1.030	1.92e6	1.82e6	96.7	-1.3	1.06	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-79

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_3	100	0.79	NO	37.78	1.030	1.93e6	1.81e6	99.5	-0.5	1.06	bb
200601K1_4	100	0.77	NO	37.78	1.030	1.87e6	1.74e6	101	0.5	1.07	bb
200601K1_5	100	0.79	NO	37.78	1.029	1.98e6	1.89e6	98.0	-2.0	1.05	bb
200601K1_6	100	0.79	NO	37.78	1.029	2.08e6	1.92e6	101	1.0	1.08	bb

Compound name: 13C-PCB-178

Response Factor: 0.768471

RRF SD: 0.0163291, Relative SD: 2.13043

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	0.46	NO	45.87	0.988	8.59e5	8.47e5	101	1.5	0.778	bb
200601K1_2	100	0.45	NO	45.87	0.988	7.18e5	9.25e5	101	1.0	0.774	bb
200601K1_3	100	0.44	NO	45.88	0.988	7.23e5	9.70e5	97.2	-2.8	0.745	bb
200601K1_4	100	0.46	NO	45.88	0.988	7.30e5	9.26e5	103	2.9	0.788	bb
200601K1_5	100	0.44	NO	45.88	0.988	7.54e5	1.00e6	98.3	-1.7	0.754	bb
200601K1_6	100	0.45	NO	45.88	0.988	7.75e5	1.02e6	99.1	-0.9	0.759	bb

Compound name: 13C-PCB-79

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	0.79	NO	37.78	0.988	1.83e6	1.65e6	102	2.5	1.11	bb
200601K1_2	100	0.80	NO	37.78	0.988	1.92e6	1.76e6	101	0.8	1.09	bb
200601K1_3	100	0.79	NO	37.78	0.988	1.93e6	1.80e6	99.0	-1.0	1.07	bb
200601K1_4	100	0.77	NO	37.78	0.988	1.87e6	1.70e6	101	1.4	1.10	bb
200601K1_5	100	0.79	NO	37.78	0.988	1.98e6	1.88e6	97.4	-2.6	1.05	bb
200601K1_6	100	0.79	NO	37.78	0.988	2.08e6	1.94e6	99.0	-1.0	1.07	bb

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-178  
 Response Factor: 0.786471  
 RRF SD: 0.0163291, Relative SD: 2.13043  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Int. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.48	NO	45.87	0.923	6.59e5	6.16e5	102	1.8	1.07	bb
2	200801K1_2	100	0.45	NO	45.87	0.923	7.16e5	6.54e5	104	4.2	1.10	bb
3	200801K1_3	100	0.44	NO	45.88	0.923	7.23e5	7.01e5	98.2	-1.8	1.03	bb
4	200801K1_4	100	0.48	NO	45.88	0.923	7.30e5	6.67e5	104	4.2	1.10	bb
5	200801K1_5	100	0.44	NO	45.88	0.923	7.55e5	7.40e5	97.2	-2.8	1.02	bb
6	200801K1_6	100	0.45	NO	45.88	0.923	7.75e5	7.81e5	94.4	-5.8	0.992	bb

Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:33:52 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07  
Calibration: U:\VG11.PRO\CurveDB\cb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

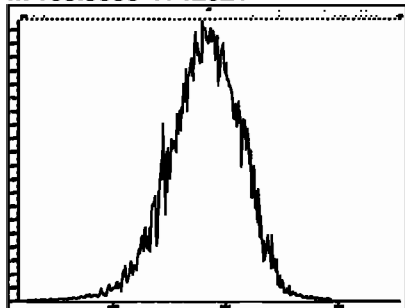
Compound name: PCB-1

Name	ID	Acq Date	Acq Time
200601K1_1	ST200601K1-1 PCB 209 CS0 19G2806	01-Jun-20	12:15:03
200601K1_2	ST200601K1-2 PCB 209 CS1 19G2807	01-Jun-20	13:18:19
200601K1_3	ST200601K1-3 PCB 209 CS2 19G2808	01-Jun-20	14:19:00
200601K1_4	ST200601K1-4 PCB 209 CS3 19G2809	01-Jun-20	15:19:46
200601K1_5	ST200601K1-5 PCB 209 CS4 19G2810	01-Jun-20	16:20:32
200601K1_8	ST200601K1-6 PCB 209 CS5 19G2811	01-Jun-20	17:21:13
200601K1_7	SS200601K1-1 PCB 209 SS 19G2812	01-Jun-20	18:21:53
200601K1_8	B0E0091-BS2 OPR 1	01-Jun-20	19:22:39
200601K1_9	B0D0045-BS4 OPR 1	01-Jun-20	20:23:05
200601K1_10	B0D0029-BS2 OPR 10	01-Jun-20	21:22:15
200601K1_11	B0D0029-BS3 OPR 10	01-Jun-20	22:24:28
200601K1_12	B0D0028-BS2 OPR 10	01-Jun-20	23:24:52
200601K1_13	B0D0028-BS3 OPR 10	02-Jun-20	00:24:00
200601K1_14	B0E0089-BS1 OPR 1	02-Jun-20	01:28:11

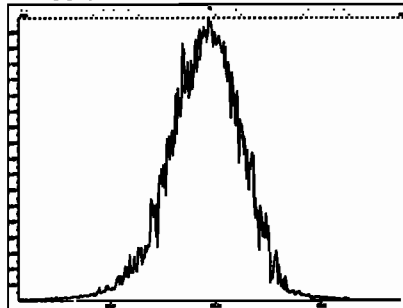
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 1 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:03:14 Pacific Daylight Time

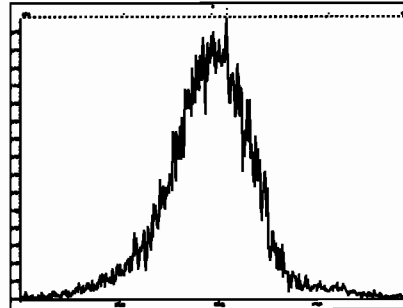
M 168.9888 R 12021



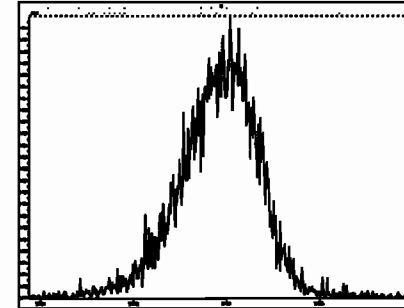
M 180.9888 R 11414



M 192.9888 R 10041



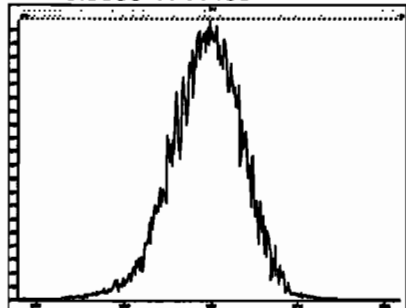
M 204.9888 R 12498



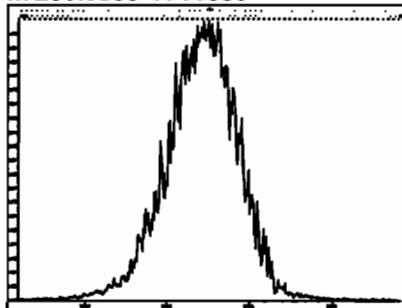
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:03:55 Pacific Daylight Time

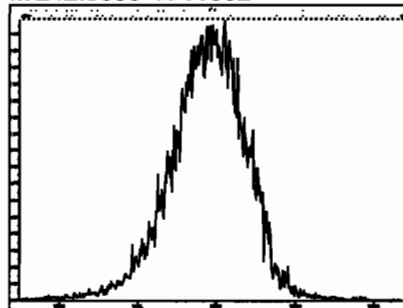
M 218.9856 R 11468



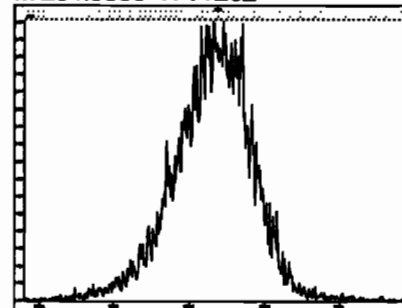
M 230.9856 R 11680



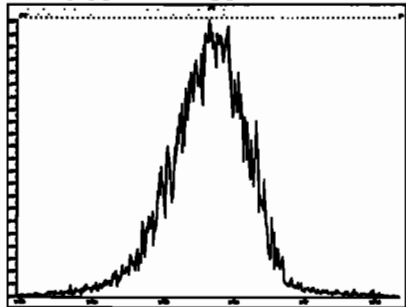
M 242.9856 R 11682



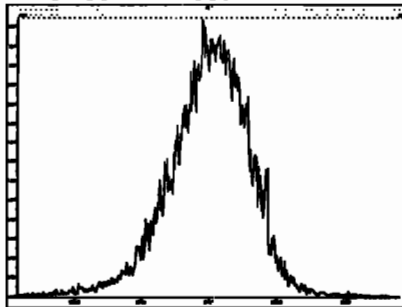
M 254.9856 R 11262



M 268.9824 R 11361



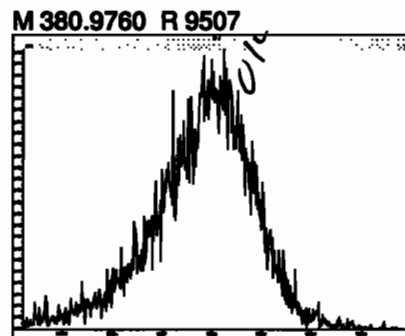
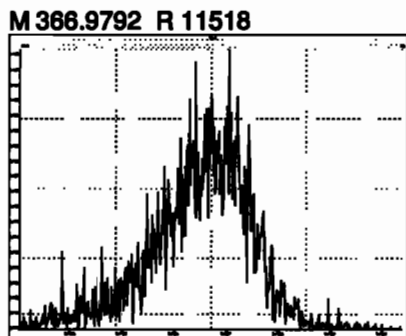
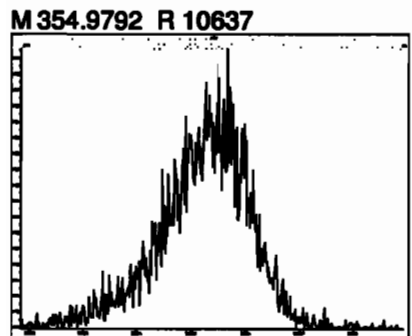
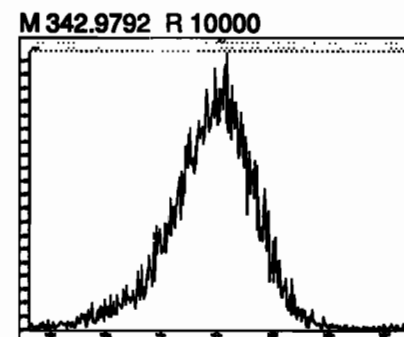
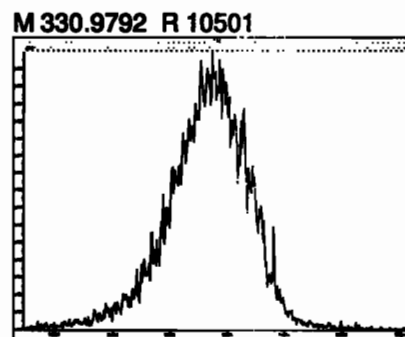
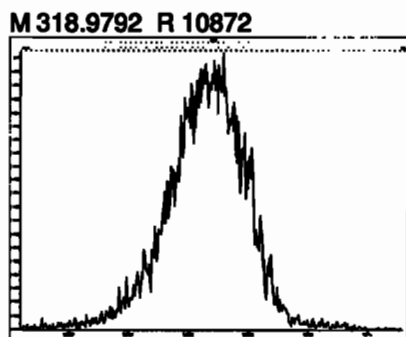
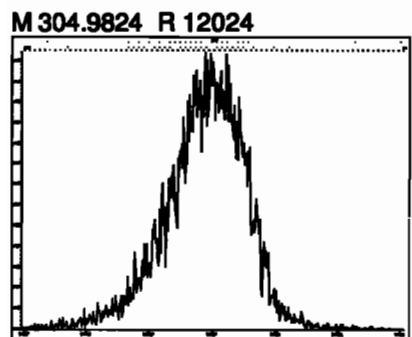
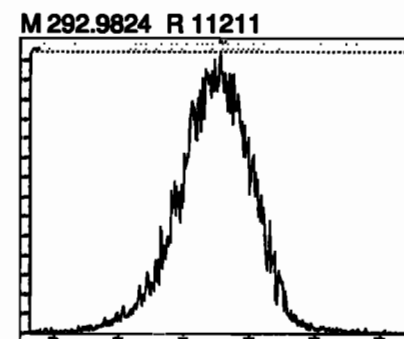
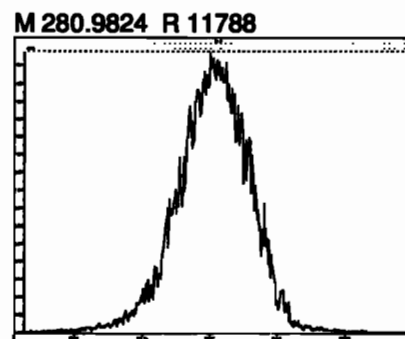
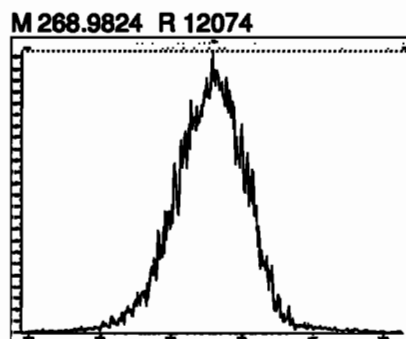
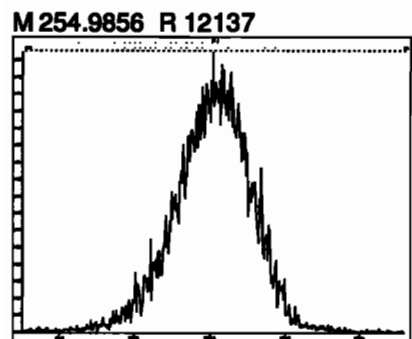
M 280.9824 R 10634





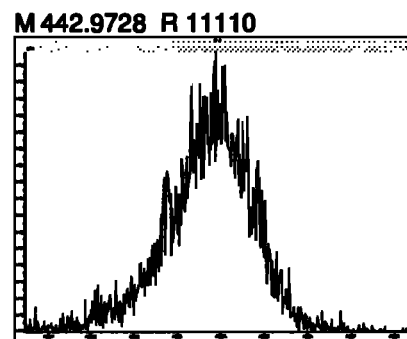
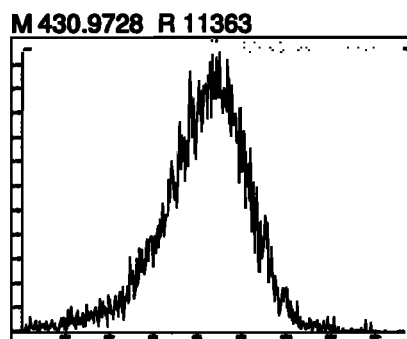
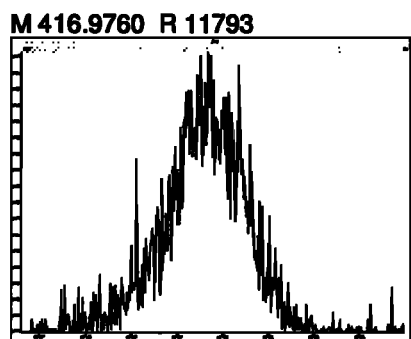
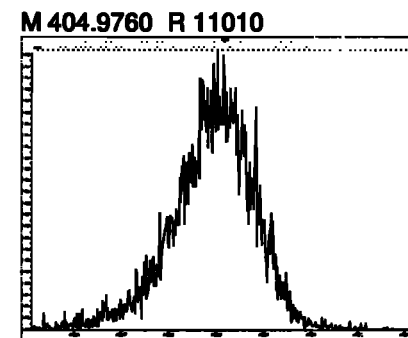
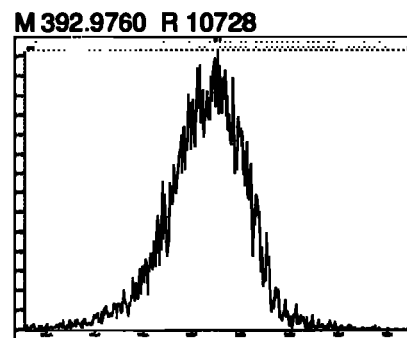
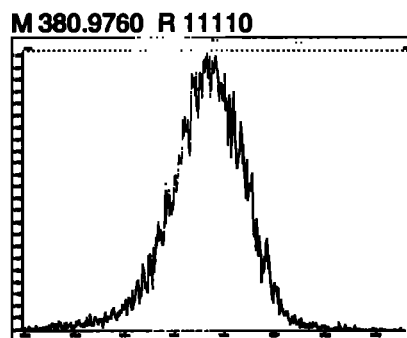
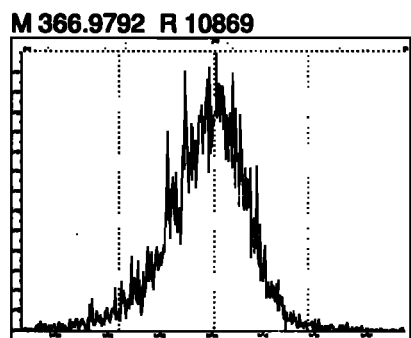
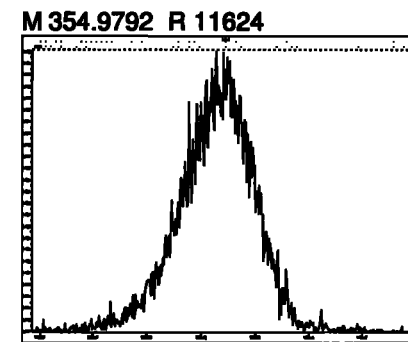
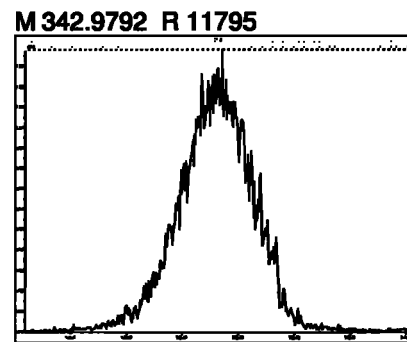
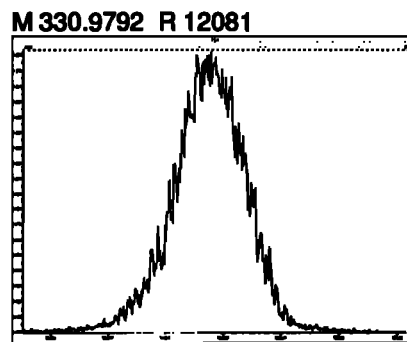
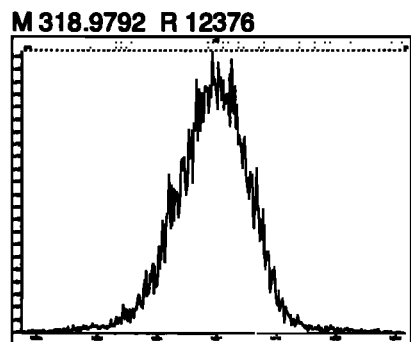
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:06:35 Pacific Daylight Time



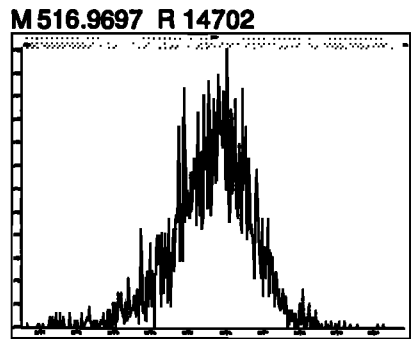
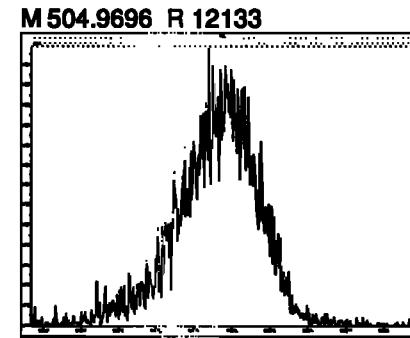
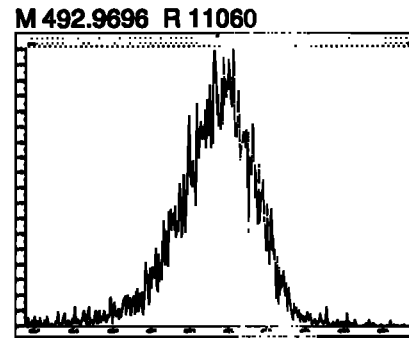
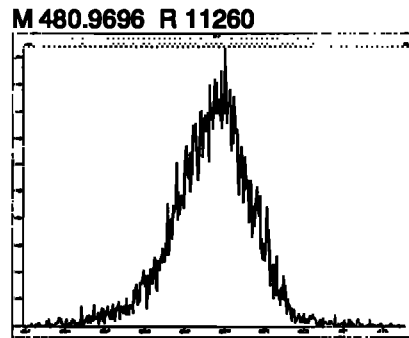
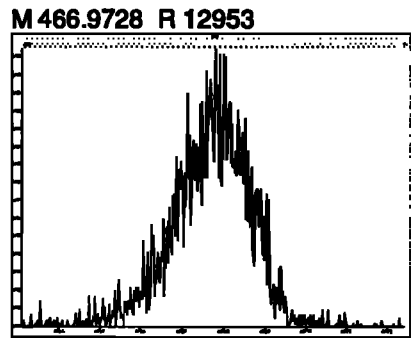
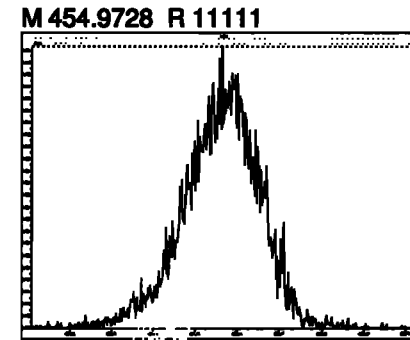
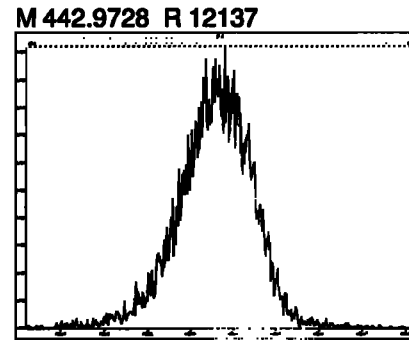
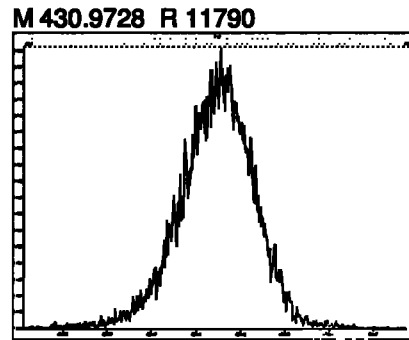
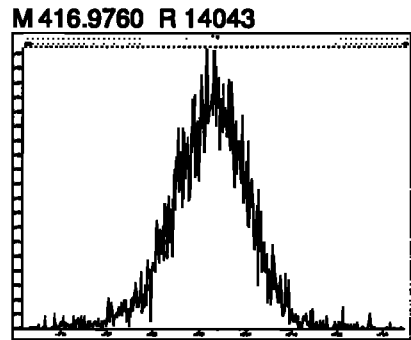
File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:08:59 Pacific Daylight Time



File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Monday, June 01, 2020 12:12:00 Pacific Daylight Time



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

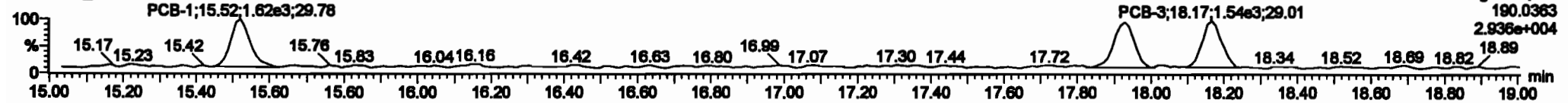
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-1

200601K1\_1



200601K1\_1

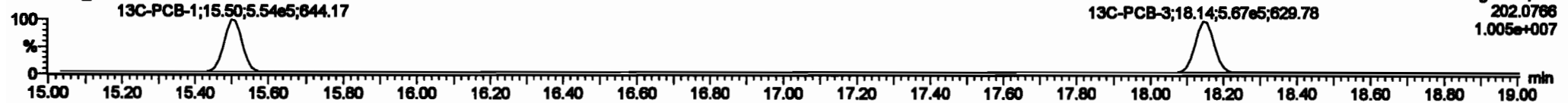


13C-PCB-1

200601K1\_1

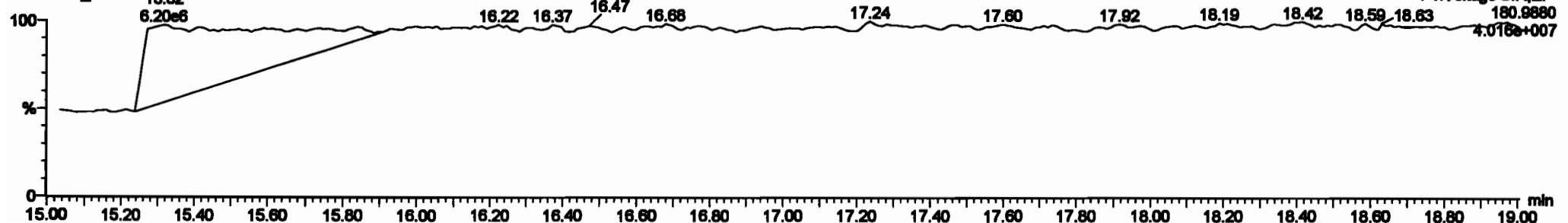


200601K1\_1



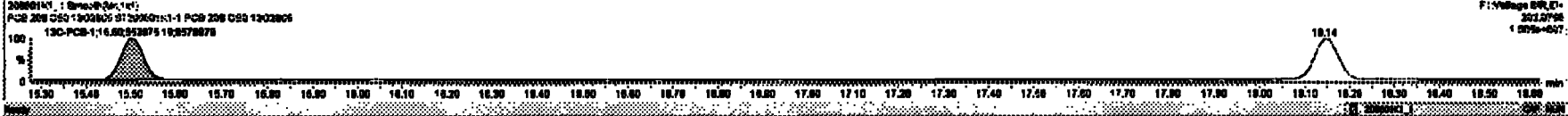
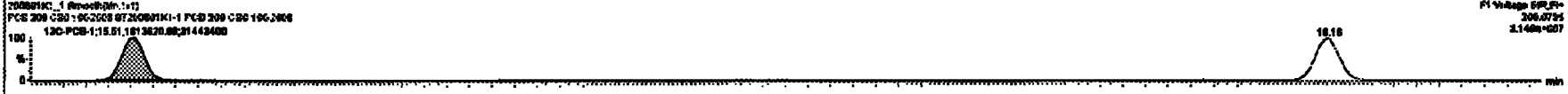
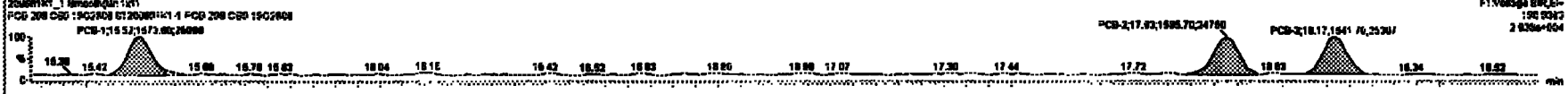
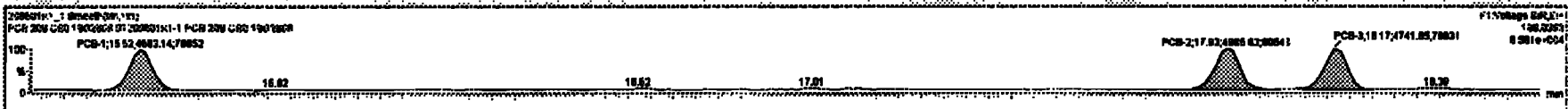
PFK1

200601K1\_1



PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
216	13C-PCB-40	1.89e6	0.70	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0
216	13C-PCB-411	1.89e6	1.02	NO	1.0000	1.000	30.25	30.25	1.000	0.000	NO	100.0
217	13C-PCB-430	0.47e6	1.28	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0
218	13C-PCB-402	0.80e6	0.48	NO	1.0000	1.000	40.43	40.43	0.000	0.000	NO	100.0
218	13C-PCB-205	0.80e6	0.80	NO	1.0000	1.000	64.00	64.00	1.000	0.000	NO	100.0
220	13C-PCB-70	1.89e6	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	102.2
221	13C-PCB-170	0.80e6	0.48	NO	0.7000	1.000	40.00	40.00	0.000	0.000	NO	101.5
222	13C-PCB-70	1.89e6	0.70	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.5
223	13C-PCB-170	0.80e6	0.48	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	101.0
226	Total PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	2.076
228	Total Function PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	1.000

PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
1	PCB-1	15.52	16.62	4.00e6	1.57e6	5.100	2.00	NO	0.2000
2	PCB-2	17.20	17.00	4.00e6	1.00e6	5.100	5.10	NO	0.20100
3	PCB-3	18.17	18.17	4.70e6	1.60e6	5.100	3.00	NO	0.20700

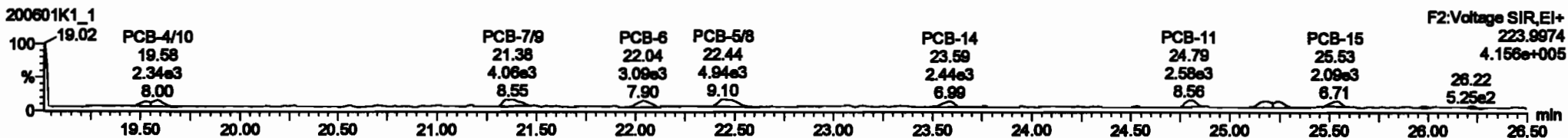
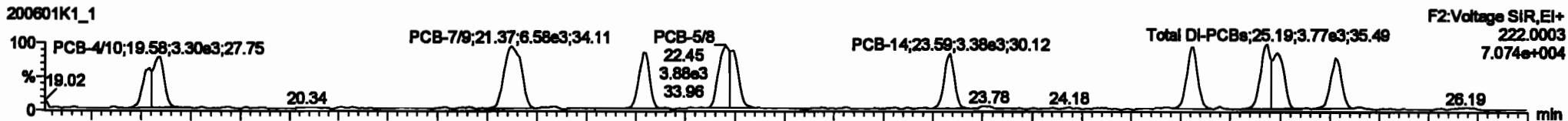


Dataset: Untitled

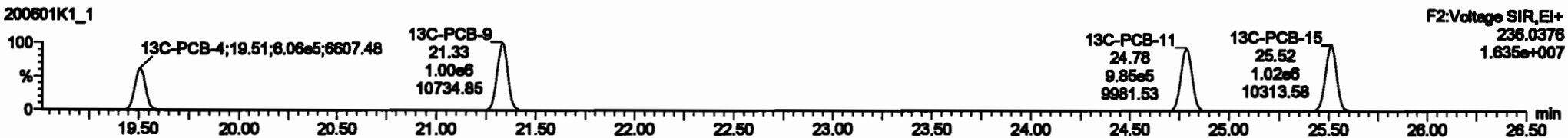
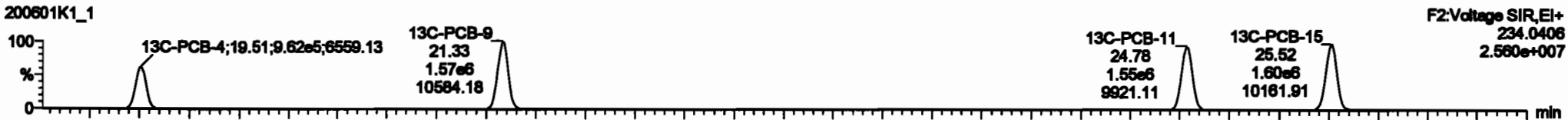
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

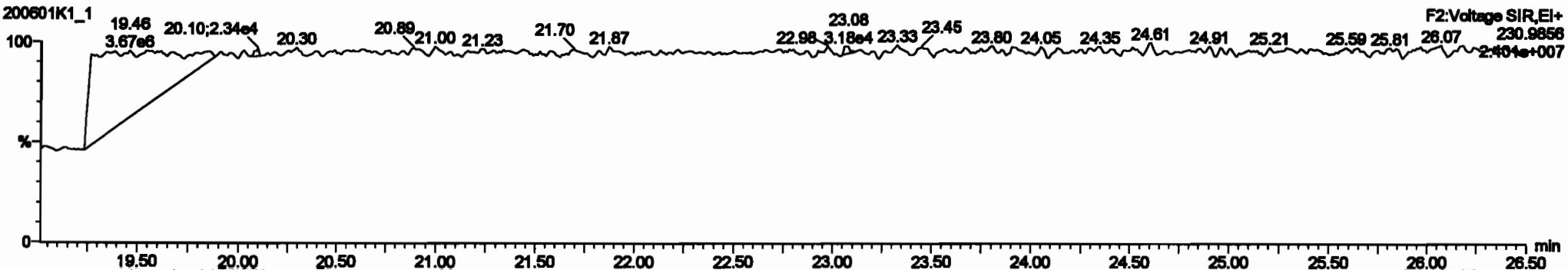
**PCB-4/10**



**13C-PCB-4**

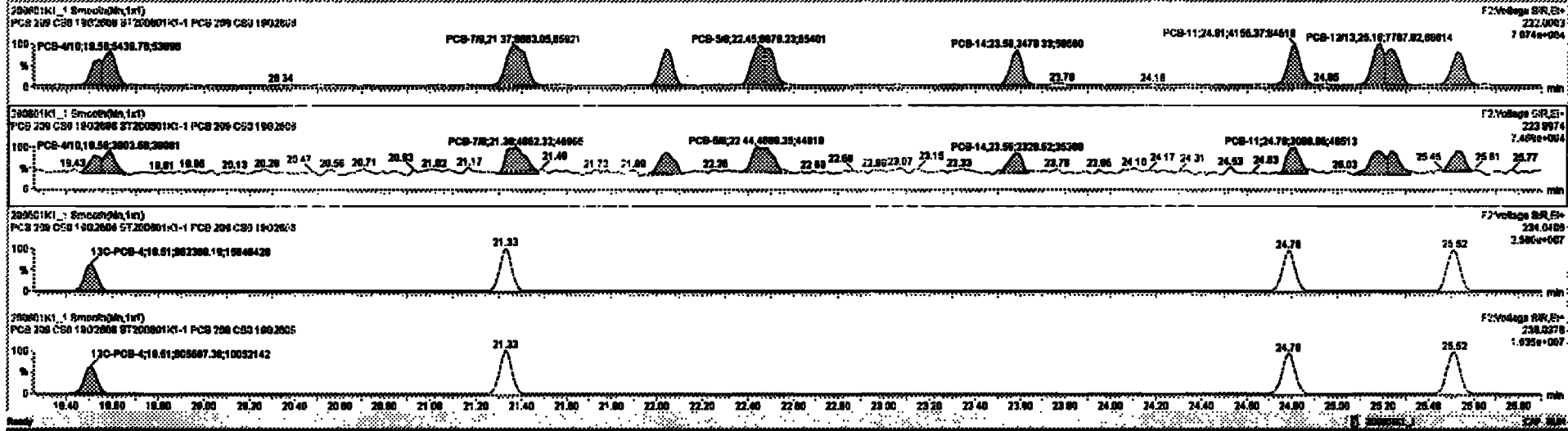


**PFK2a**



PCB	Area	Count	Height	Area	Count	Height	Area	Count	Height	Area	Count	Height	Area	Count	Height	Area	Count	Height
216	13C-PCB-88	1.89e5	0.78	NO	1.8200	1.000	38.88	38.88	1.800	0.000	NO	180.0	180	0.0828				
216	13C-PCB-111	1.89e5	1.82	NO	1.8200	1.000	38.25	38.25	1.800	0.000	NO	180.0	180	0.0915				
217	13C-PCB-128	8.47e5	1.28	NO	1.8200	1.000	48.80	48.80	1.800	0.000	NO	180.0	180	0.0884				
218	13C-PCB-182	8.88e5	0.48	NO	1.8200	1.000	48.43	48.43	0.000	0.000	NO	180.0	180	0.0818				
219	13C-PCB-208	8.88e5	0.80	NO	1.8200	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148				
220	13C-PCB-78	1.83e5	0.78	NO	1.8200	1.000	37.78	37.78	1.000	1.000	NO	102.2	102	0.0887				
221	13C-PCB-178	8.88e5	0.48	NO	0.7800	1.000	48.88	48.88	0.888	0.888	NO	101.8	101	0.0828				
222	13C-PCB-70	1.83e5	0.78	NO	1.8200	1.000	37.78	37.78	0.888	0.888	NO	102.8	102	0.0888				
223	13C-PCB-178	8.88e5	0.48	NO	1.8200	1.000	48.87	48.87	0.823	0.823	NO	101.8	102	0.0823				
224	Total Micro-PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
225	Total Macro-PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
226	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
227	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
228	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
229	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
230	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
231	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
232	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
233	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
234	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
235	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
236	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
237	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
238	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
239	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
240	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
241	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
242	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
243	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
244	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
245	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
246	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
247	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
248	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
249	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
250	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
251	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
252	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
253	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
254	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
255	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
256	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
257	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
258	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
259	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				
260	Total PCBs	1.89e5			1.8200	1.000	0.00	0.00	0.000	0.000	NO	0.000	0.000	0.0000				

PCB	Area	Count	Height	Area	Count	Height	Area	Count	Height	
4	PCB-478	19.88	19.88	5.44e3	1.98e3	1.800	1.38	NO	0.47700	0.4774
5	PCB-78	21.38	21.37	8.88e3	4.88e3	1.800	1.37	NO	0.48700	0.4880
6	PCB-9	22.88	22.84	3.78e3	2.78e3	1.800	1.38	NO	0.24800	0.2482
7	PCB-58	22.44	22.45	8.87e3	4.88e3	1.800	1.47	NO	0.48200	0.4827
8	PCB-14	23.88	23.88	3.47e3	2.32e3	1.800	1.48	NO	0.22800	0.2283
9	PCB-11	24.88	24.81	4.18e3	3.08e3	1.800	1.34	NO	0.28400	0.2843
10	PCB-1283	26.28	26.18	7.78e3	6.78e3	1.800	1.38	NO	0.81800	0.8183
11	PCB-15	26.84	26.53	3.82e3	2.81e3	1.800	1.48	NO	0.22100	0.2288



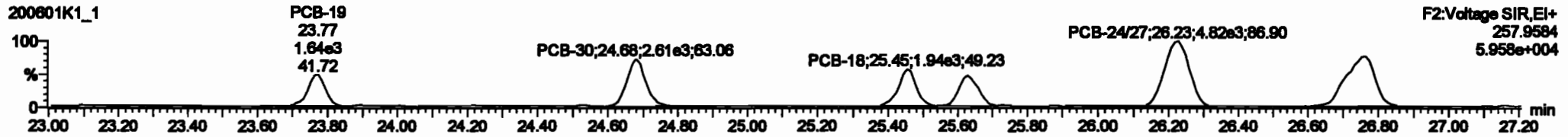
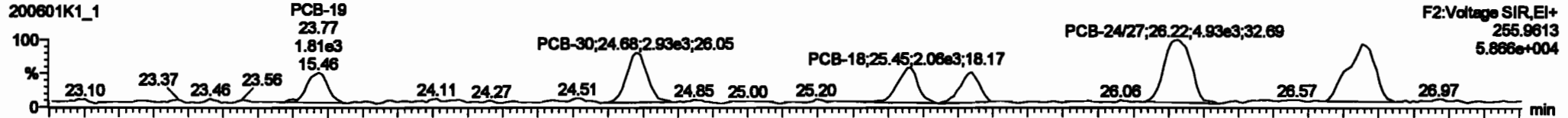


Dataset: Untitled

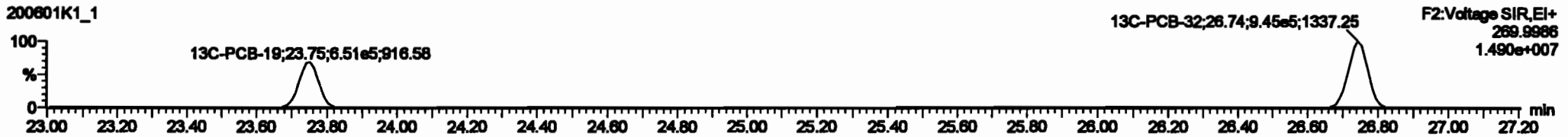
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

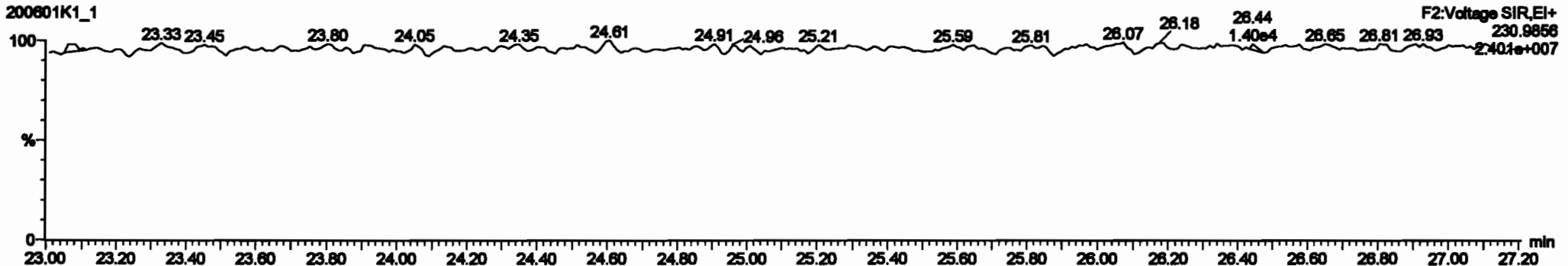
PCB-19



13C-PCB-19

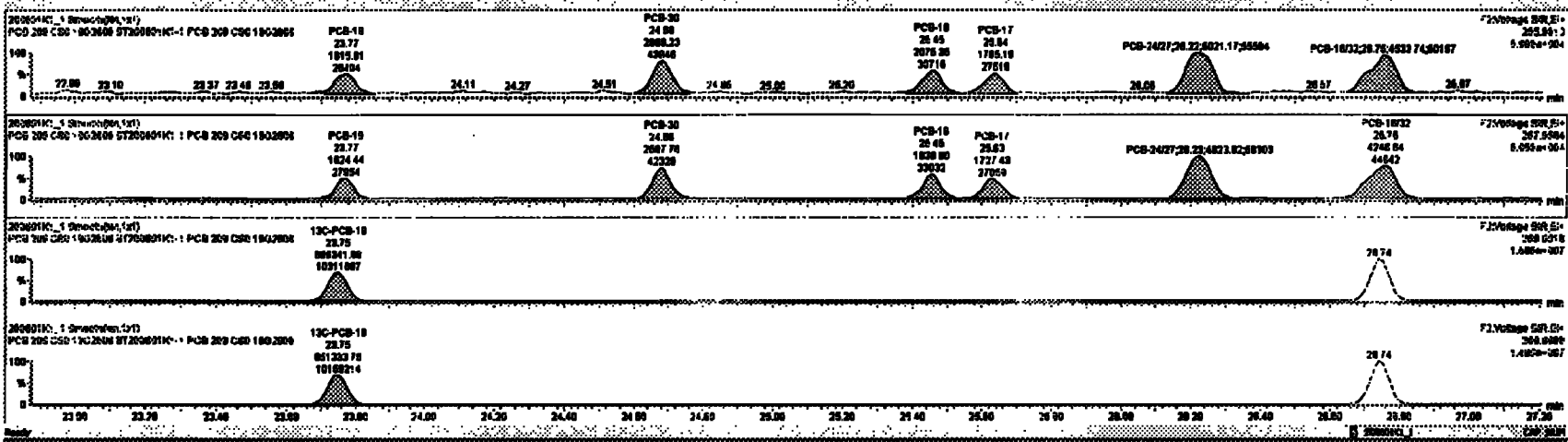


PFK2b



PCB No.	PCB Name	PCB Type	PCB Weight	PCB Volume	PCB Density	PCB Area	PCB Thickness	PCB Material	PCB Color	PCB Finish	PCB Date	PCB Status
216	13C-PCB-09	1.0000	0.70	NO	1.0000	1.000	20.00	20.00	1.000	0.000	NO	100.0
216	13C-PCB-111	1.0000	1.00	NO	1.0000	1.000	20.25	20.25	1.000	0.000	NO	100.0
217	13C-PCB-128	0.0000	1.20	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0
216	13C-PCB-107	0.0000	0.40	NO	1.0000	1.000	40.40	40.40	0.000	0.000	NO	100.0
216	13C-PCB-205	0.0000	0.00	NO	1.0000	1.000	04.00	04.00	1.000	0.000	NO	100.0
200	13C-PCB-70	1.0000	0.70	NO	1.0000	1.000	27.70	27.70	1.000	1.000	NO	100.0
201	13C-PCB-170	0.0000	0.40	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0
200	13C-PCB-70	1.0000	0.70	NO	1.0000	1.000	27.70	27.70	0.000	0.000	NO	100.0
200	13C-PCB-170	0.0000	0.40	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0
200	Total Mass-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.000
200	Total Area-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.000

PCB No.	PCB Name	PCB Type	PCB Weight	PCB Volume	PCB Density	PCB Area	PCB Thickness	PCB Material	PCB Color	PCB Finish	PCB Date	PCB Status
13	PCB-10	20.70	29.77	1.0000	1.0000	1.000	1.12	NO	0.20000	0.20000		
13	PCB-30	24.00	24.00	2.0000	2.0000	1.000	1.15	NO	0.20000	0.20010		
14	PCB-10	20.40	20.40	2.0000	1.0000	1.000	1.07	NO	0.20000	0.20011		
15	PCB-17	20.00	20.00	1.7000	1.7000	1.000	1.06	NO	0.20000	0.20000		
16	PCB-2407	20.20	20.20	5.0000	4.0000	1.000	1.01	NO	0.07000	0.07000		
17	PCB-1000	20.70	20.70	4.2000	4.2000	1.000	1.07	NO	0.00000	0.00000		

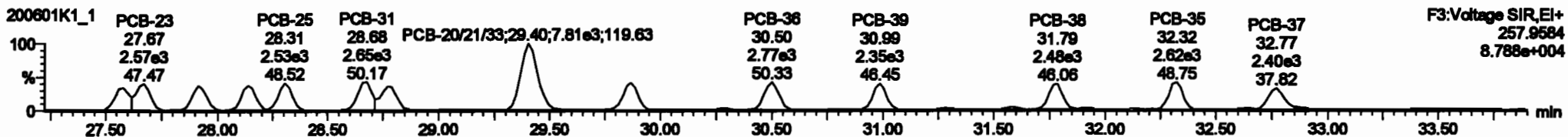
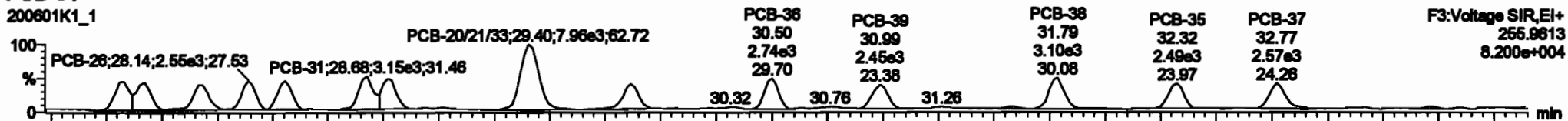


Dataset: Untitled

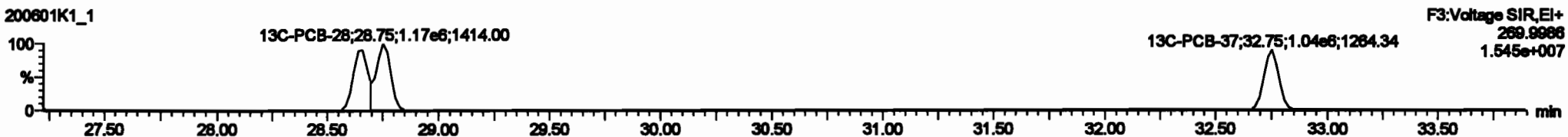
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

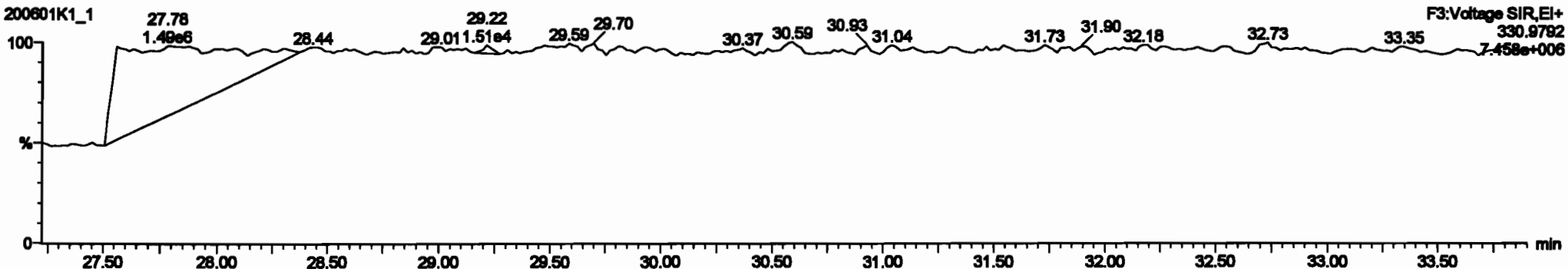
**PCB-34**



**13C-PCB-28**

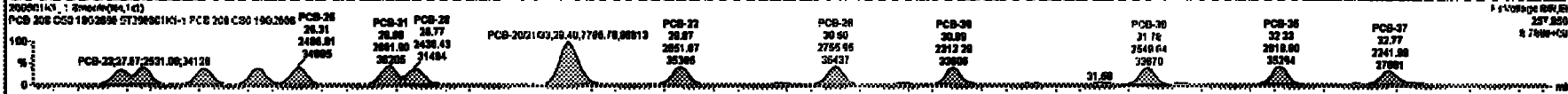
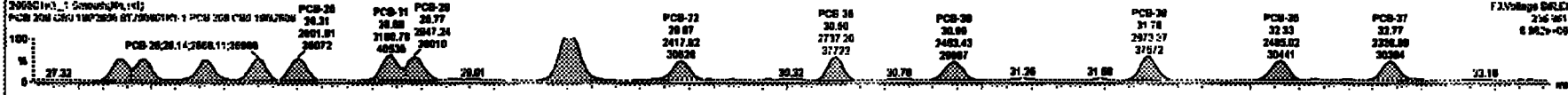


**PFK3d**



Line	Description	Units	Qty	Unit Price	Total Price	Est. Price	Est. Price	Est. Price	Est. Price
220	Total Total PCBs			1.0770	1.000	0.00	0.000	ND	0.017
221	2nd Function Ports-PCBs			1.2157	1.000	0.00	0.000	ND	0.310
222	4th Function Ports-PCBs			1.0726	1.000	0.00	0.000	ND	1.140
223	2nd Function Hubs-PCBs			0.0000	1.000	0.00	0.000	ND	3.400
224	4th Function Hubs-PCBs			1.0210	1.000	0.00	0.000	ND	0.401
225	Total Hubs-PCBs			1.0210	1.000	0.00	0.000	ND	0.220
226	4th Function Data-PCBs			1.0000	1.000	0.00	0.000	ND	2.100
227	8th Function Data-PCBs			1.1400	1.000	0.00	0.000	ND	0.7210
228	Total Data-PCBs			0.0000	1.000	0.00	0.000	ND	0.7100
229	Total PCBs			0.0004	1.000	0.00	0.000	ND	0.2200

Line	Description	Units	Qty	Unit Price	Total Price	Est. Price	Est. Price	Est. Price	Est. Price
10	PCB-26			27.89	27.89	2.6200	2.2000	1.000	1.14
11	PCB-29			27.89	27.87	2.0140	2.6140	1.000	1.00
20	PCB-28			27.81	27.81	2.0000	2.2000	1.000	1.11
21	PCB-29			28.14	28.14	2.0000	2.4000	1.000	1.00
22	PCB-28			28.20	28.20	2.0000	2.4000	1.000	1.13
23	PCB-31			28.88	28.88	2.0000	2.0000	1.000	1.10
24	PCB-28			28.77	28.77	2.0000	2.4000	1.000	1.17
25	PCB-29/28			28.41	28.41	2.0140	2.0000	1.000	1.00
26	PCB-29			28.05	28.05	2.4000	2.4000	1.000	0.81

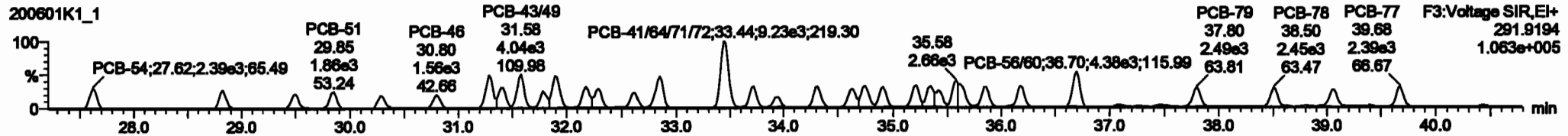
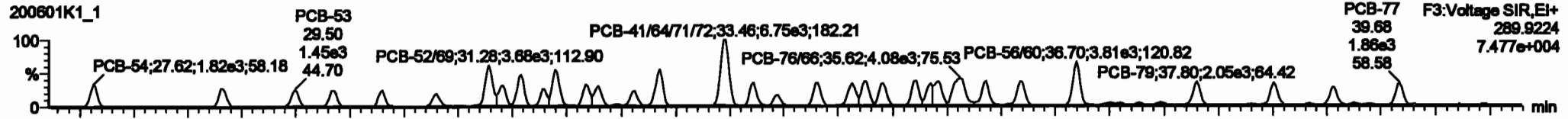


Dataset: Untitled

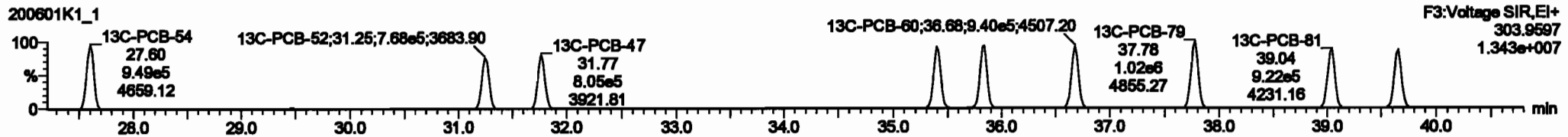
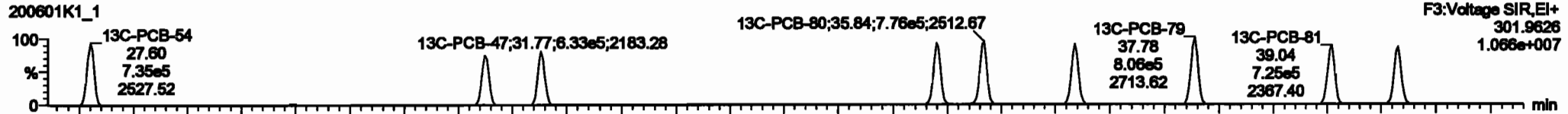
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

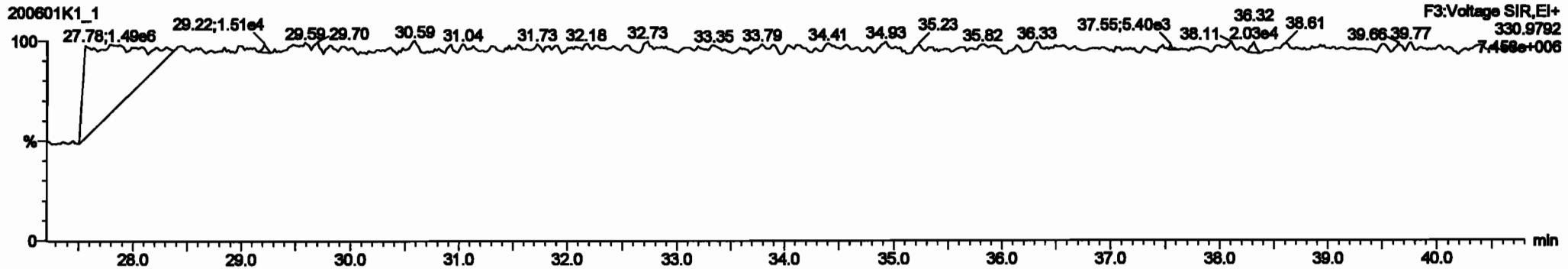
PCB-54



13C-PCB-54



PFK3a



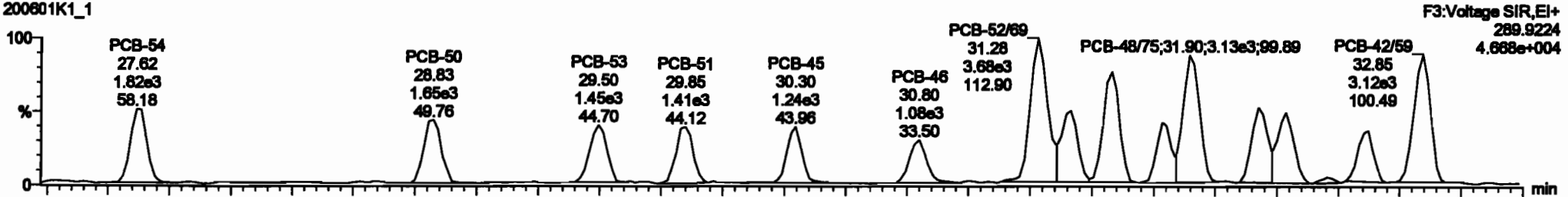
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

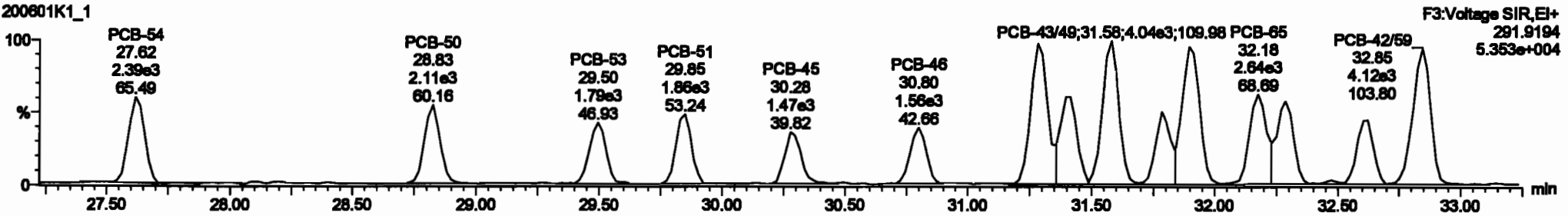
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-50

200601K1\_1

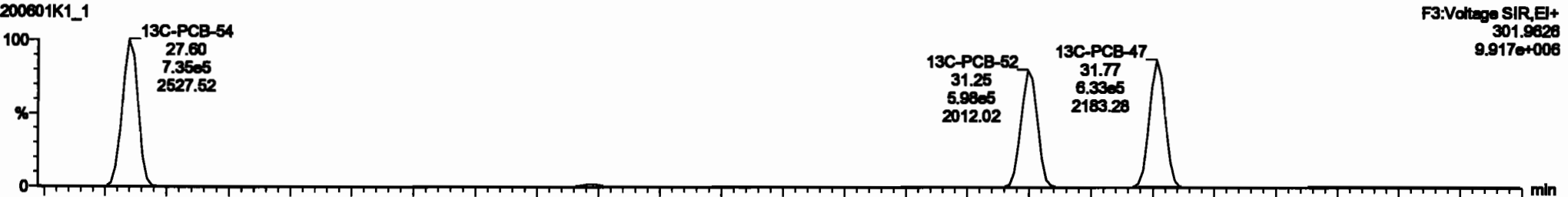


200601K1\_1

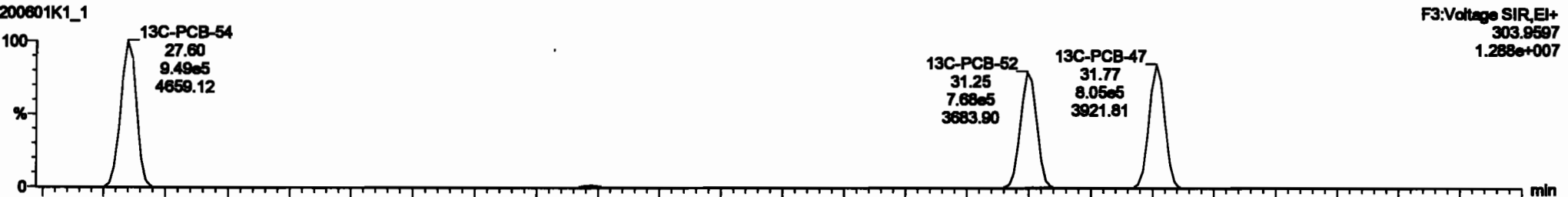


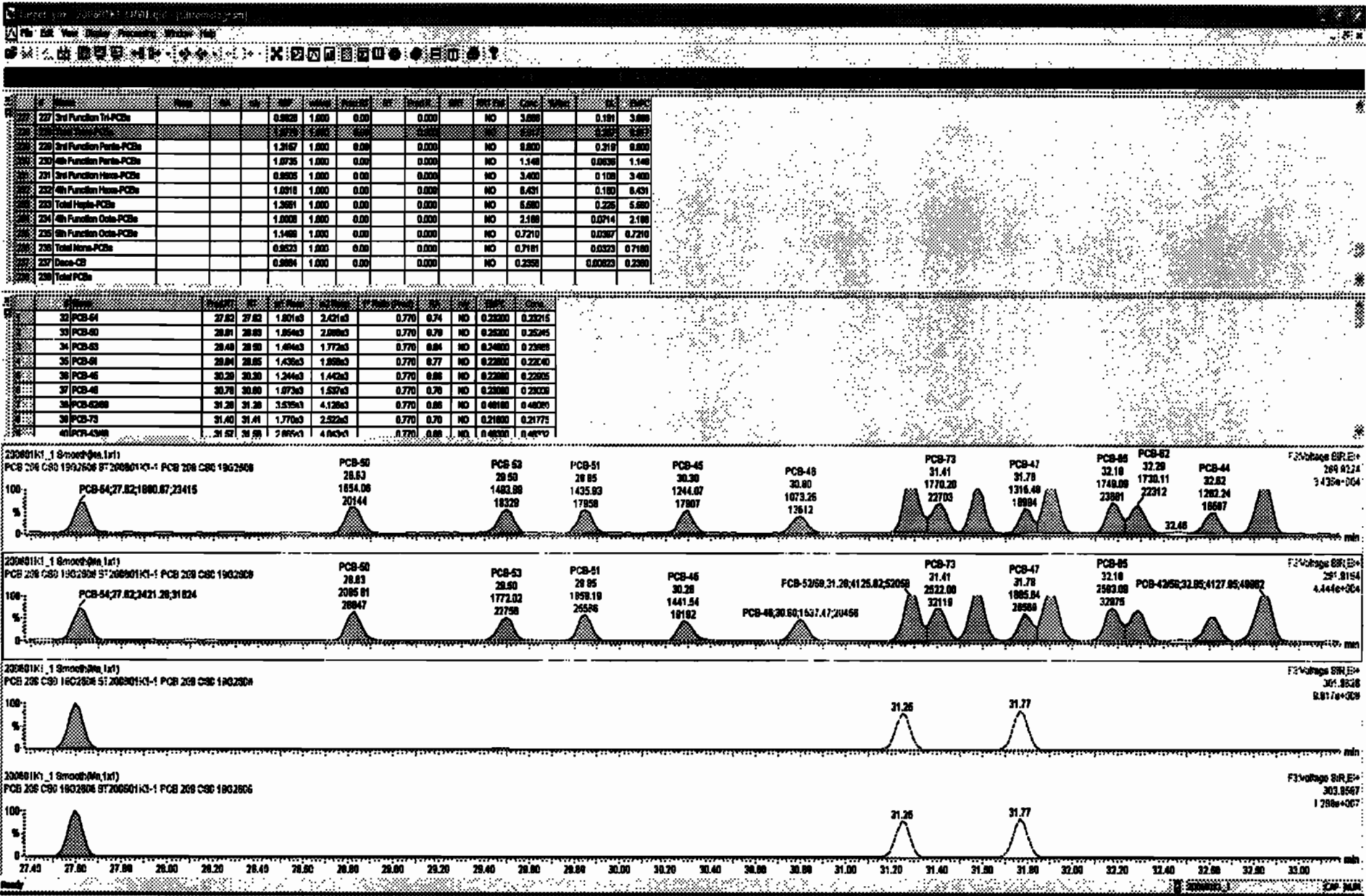
13C-PCB-52

200601K1\_1



200601K1\_1





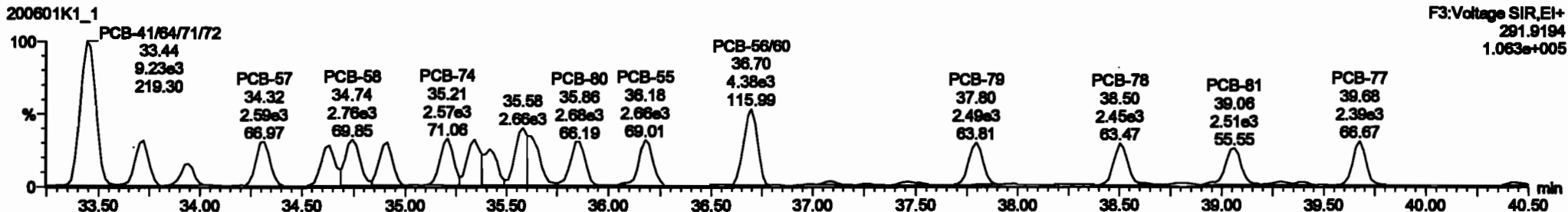
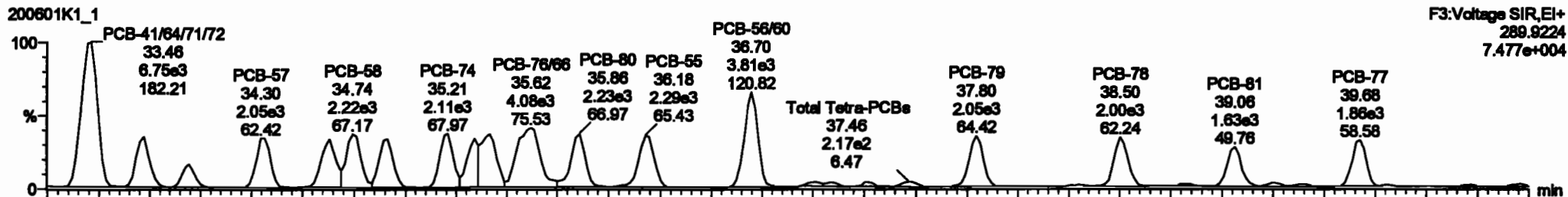


Dataset: Untitled

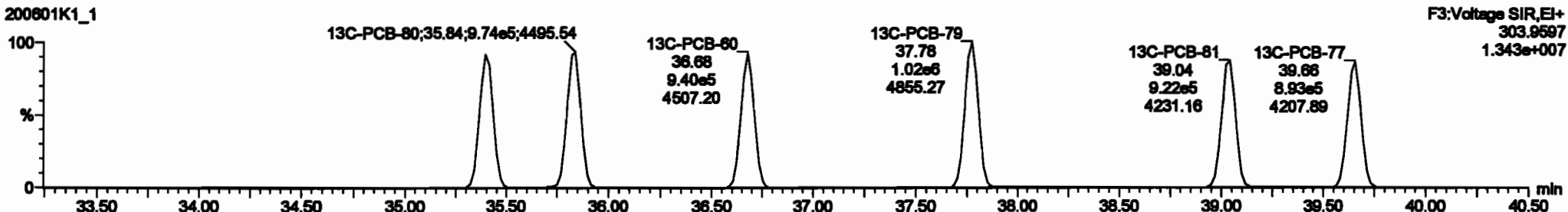
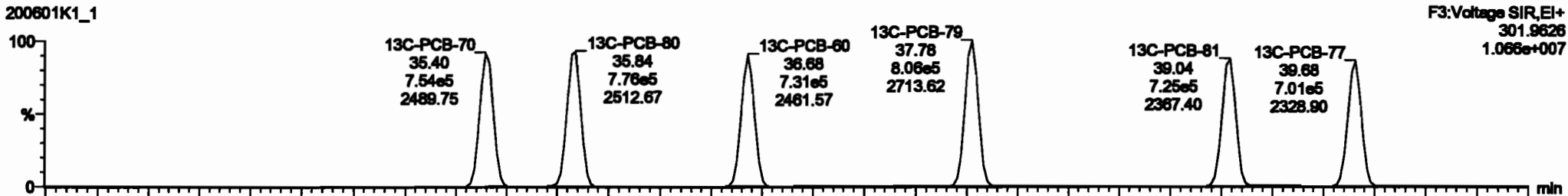
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-68**

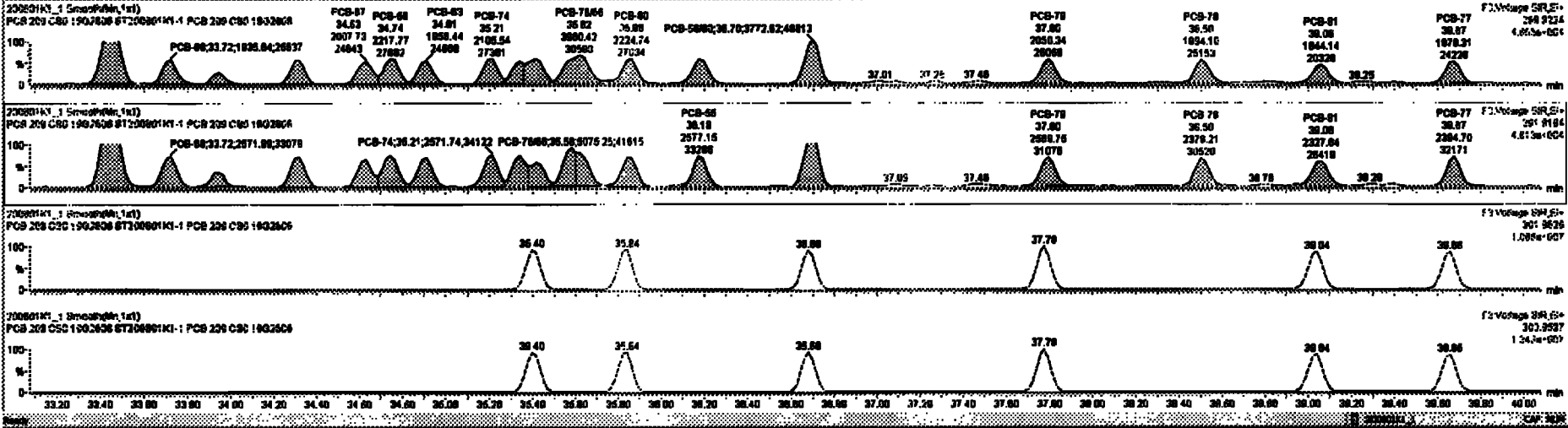


**13C-PCB-60**



Item	Material	QTY	UNIT	AMOUNT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
227	2nd Function 1M-PCBs	0.0000	1.000	0.00	0.000	NO	3.588	0.181	3.588	
228	2nd Function Parts-PCBs	1.2167	1.000	0.00	0.000	NO	0.800	0.313	0.800	
229	4th Function Parts-PCBs	1.0726	1.000	0.00	0.000	NO	1.348	0.553	1.348	
230	2nd Function Hubs-PCBs	0.0000	1.000	0.00	0.000	NO	3.400	0.108	3.400	
231	4th Function Hubs-PCBs	1.0310	1.000	0.00	0.000	NO	0.431	0.180	0.431	
232	Total Hubs-PCBs	1.2681	1.000	0.00	0.000	NO	0.589	0.226	0.589	
233	4th Function Opts-PCBs	1.0000	1.000	0.00	0.000	NO	2.388	0.874	2.388	
234	2nd Function Opts-PCBs	1.1488	1.000	0.00	0.000	NO	0.721	0.837	0.721	
235	Total Hubs-PCBs	0.0000	1.000	0.00	0.000	NO	0.7181	0.023	0.718	
237	Device-CD	0.0004	1.000	0.00	0.000	NO	0.2388	0.0023	0.2388	
238	Total PCBs									

Item	Material	QTY	UNIT	AMOUNT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
32	PCB-84	29.82	29.82	1.851e3	2.421e3	0.770	0.24	NO	0.23208	0.23218
33	PCB-85	28.91	28.91	1.884e3	2.088e3	0.770	0.29	NO	0.28200	0.28248
34	PCB-86	28.48	28.48	1.898e3	1.772e3	0.770	0.84	NO	0.24000	0.23888
35	PCB-87	28.84	28.88	1.438e3	1.888e3	0.770	0.77	NO	0.22800	0.22848
36	PCB-88	30.28	30.30	1.244e3	1.442e3	0.770	0.88	NO	0.22800	0.22804
37	PCB-89	30.70	30.80	1.072e3	1.888e3	0.770	0.70	NO	0.23000	0.23000
38	PCB-8988	31.28	31.28	3.038e3	4.128e3	0.770	0.88	NO	0.48100	0.48080
39	PCB-79	31.48	31.41	1.770e3	2.828e3	0.770	0.70	NO	0.21800	0.21778
40	PCB-4388	31.87	31.88	2.888e3	4.042e3	0.770	0.88	NO	0.48100	0.48100

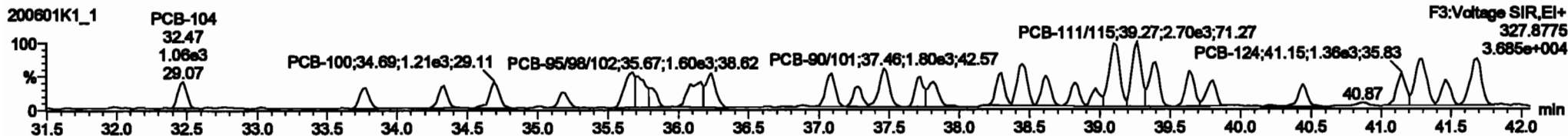
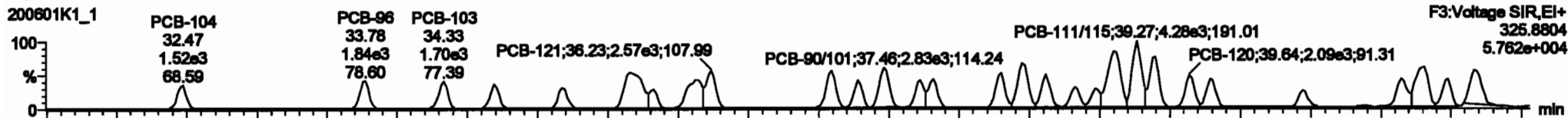


Dataset: Untitled

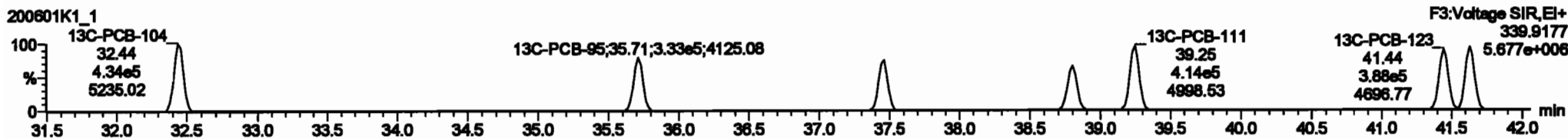
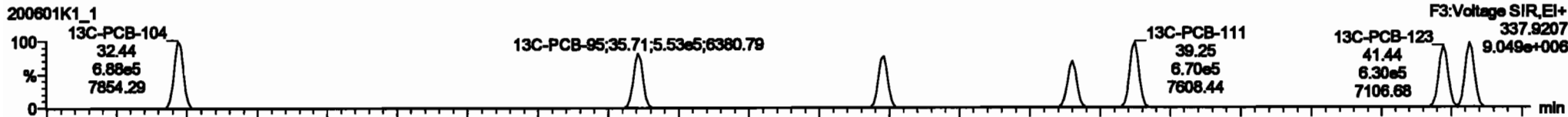
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

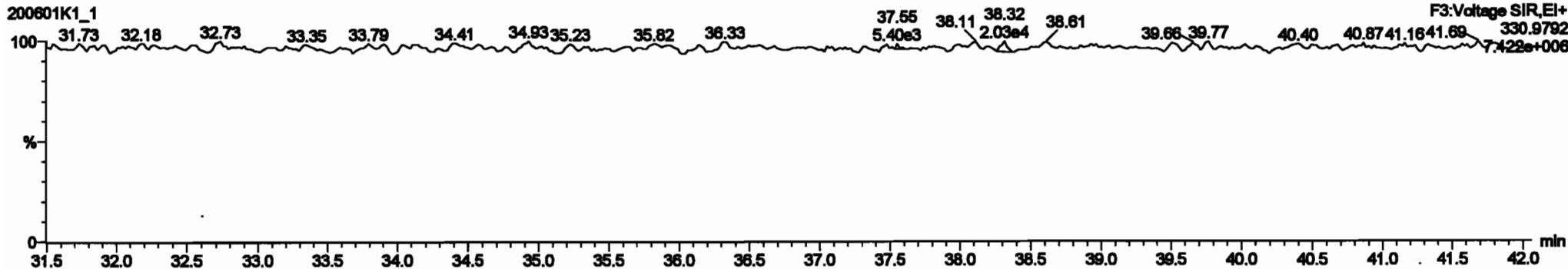
**PCB-104**



**13C-PCB-104**



**PFK3b**



Dataset: Untitled

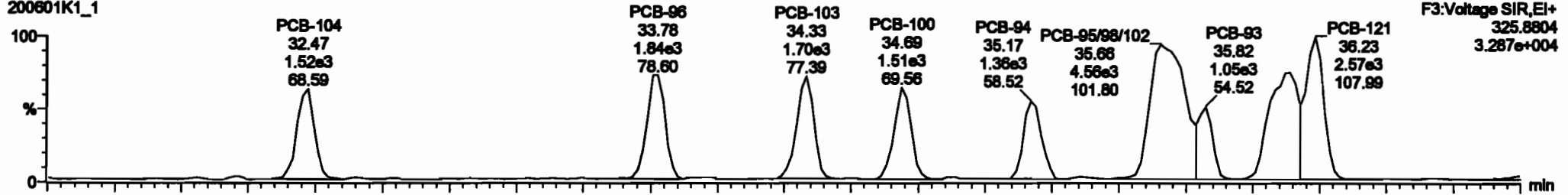
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

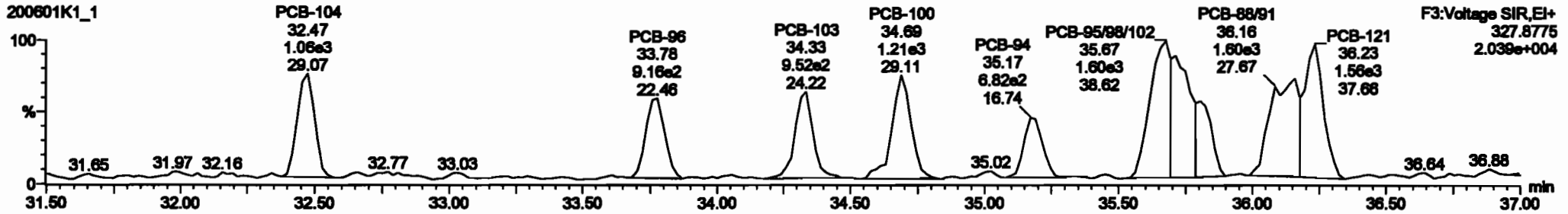
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-96

200601K1\_1

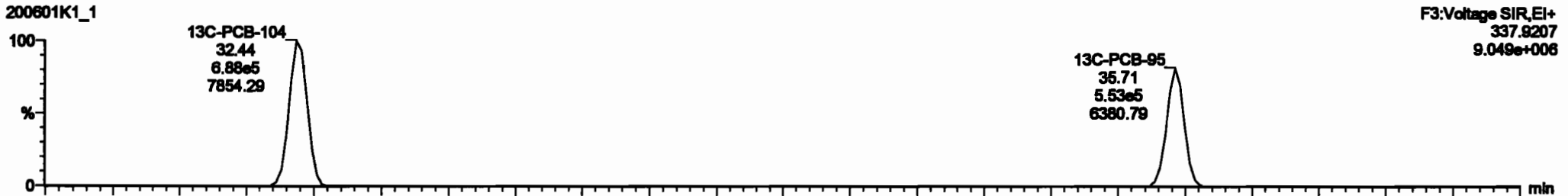


200601K1\_1

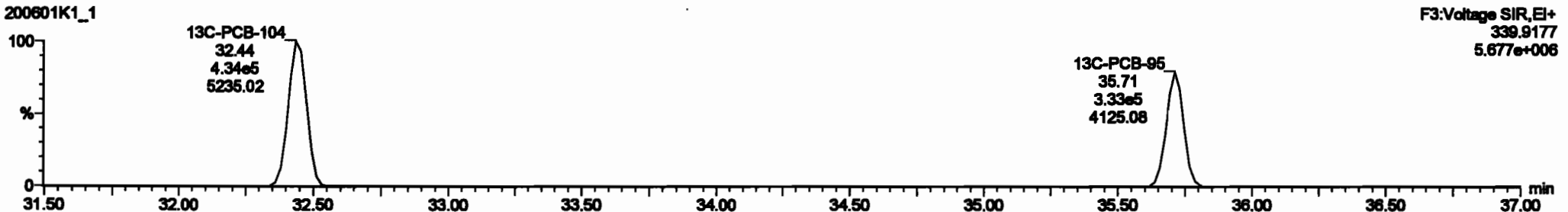


13C-PCB-95

200601K1\_1

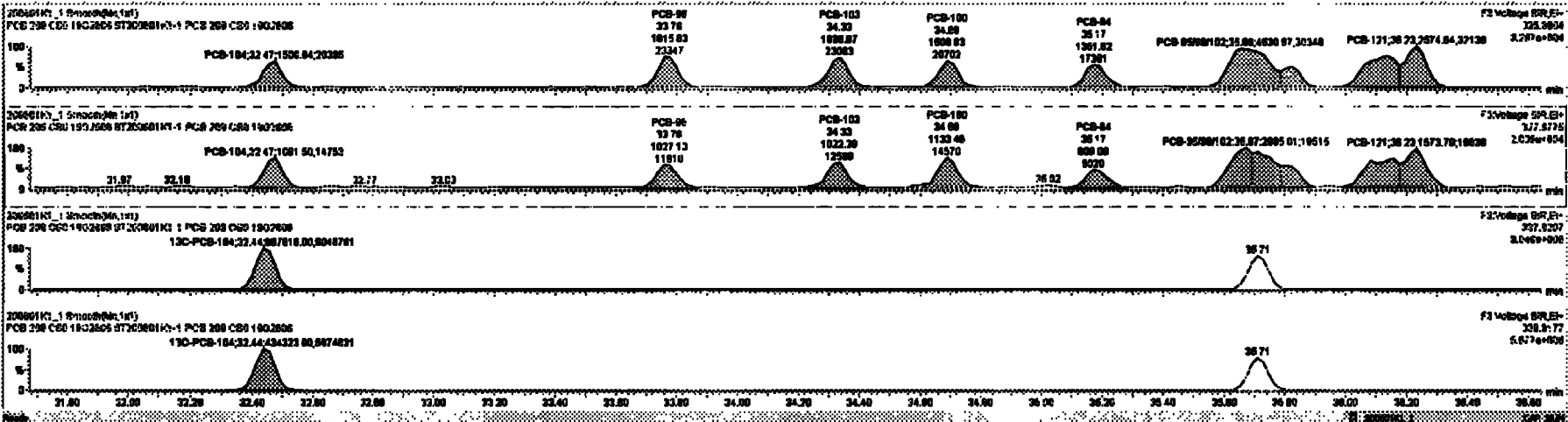


200601K1\_1



Item	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	
227 2nd Function TAPCds					0.000	1.000	0.00		0.000	NO	3.680	0.591	3.680
228 Total TAPCds					1.0776	1.000	0.00		0.000	NO	0.917	0.287	0.917
229 3rd Function Para-PCds					1.0726	1.000	0.00		0.000	NO	1.148	0.258	1.148
230 2nd Function Meta-PCds					0.0000	1.000	0.00		0.000	NO	3.600	0.108	3.600
231 4th Function Meta-PCds					1.0318	1.000	0.00		0.000	NO	0.401	0.180	0.401
232 Total Meta-PCds					1.0318	1.000	0.00		0.000	NO	0.680	0.225	0.680
233 4th Function Otho-PCds					1.0000	1.000	0.00		0.000	NO	2.188	0.074	2.188
234 5th Function Otho-PCds					1.1480	1.000	0.00		0.000	NO	0.7210	0.087	0.7210
235 Total Otho-PCds					0.0000	1.000	0.00		0.000	NO	0.2181	0.003	0.2181
236 Dioxin-Cd					0.0000	1.000	0.00		0.000	NO	0.2088	0.000	0.2088
237 Total PCBs													

# Name	Peak 1	Area	Conc	Unit	Peak 2	Area	Conc	Unit
04 PCB-104	32.48	22.67	1.00e+0	1.00e+0	1.88	1.37	NO	0.2000
05 PCB-86	32.76	22.78	1.00e+0	1.00e+0	1.88	1.77	NO	0.2200
06 PCB-103	34.30	34.30	1.00e+0	1.00e+0	1.88	1.88	NO	0.2800
07 PCB-100	34.87	34.88	1.00e+0	1.130e+0	1.88	1.33	NO	0.2400
08 PCB-84	35.18	35.17	1.00e+0	0.001e+0	1.88	1.87	NO	0.2800
09 PCB-88/90/92	35.87	35.88	4.00e+0	2.000e+0	1.88	1.82	NO	0.7000
10 PCB-88	35.76	35.82	1.00e+0	7.300e+0	1.88	1.42	NO	0.2100
11 PCB-89/91	35.14	35.14	2.00e+0	1.00e+0	1.88	1.77	NO	0.4800
12 PCB-121	35.30	35.30	2.00e+0	1.00e+0	1.88	1.84	NO	0.2700



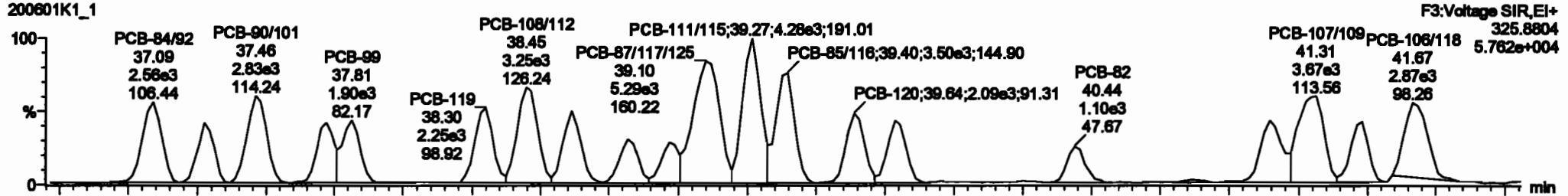
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

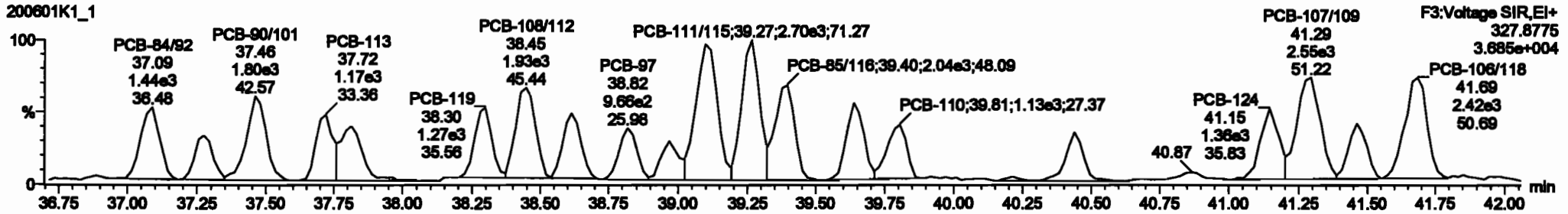
Name: 200801K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200801K1-1 PCB 209 CS0 19G2806, Description: PCB 209 CS0 19G2806

PCB-119

200801K1\_1

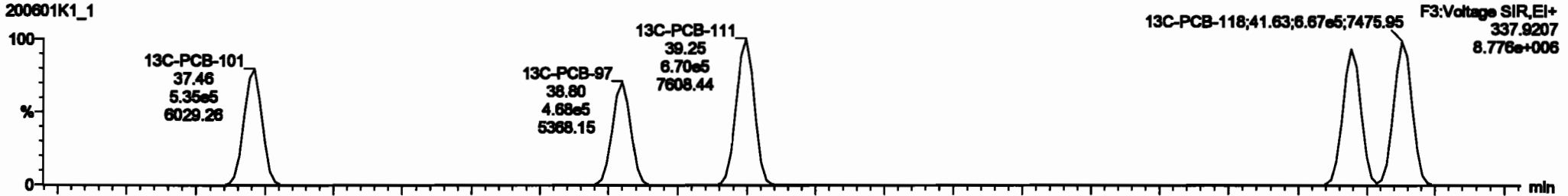


200801K1\_1

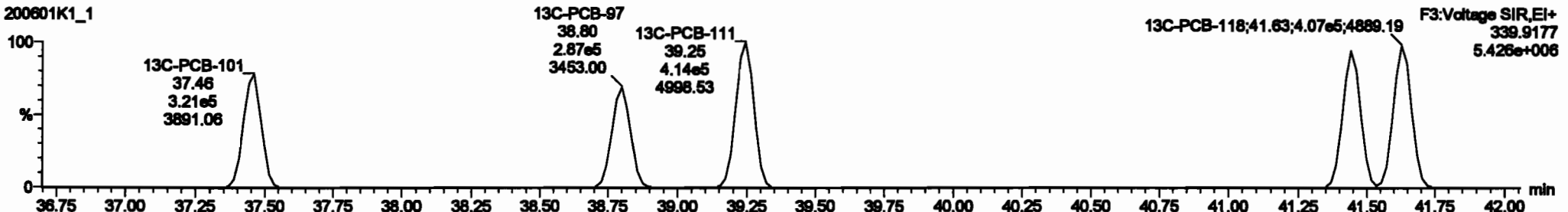


13C-PCB-111

200801K1\_1

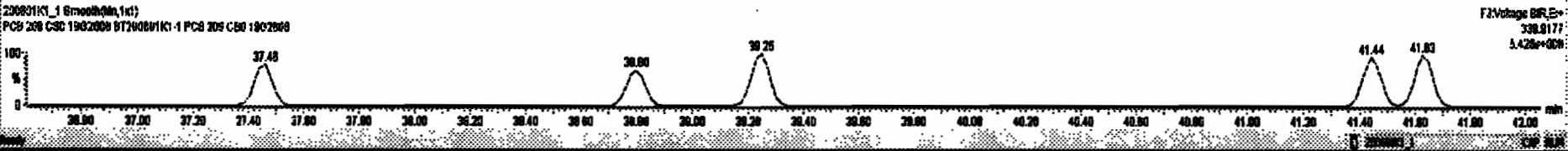
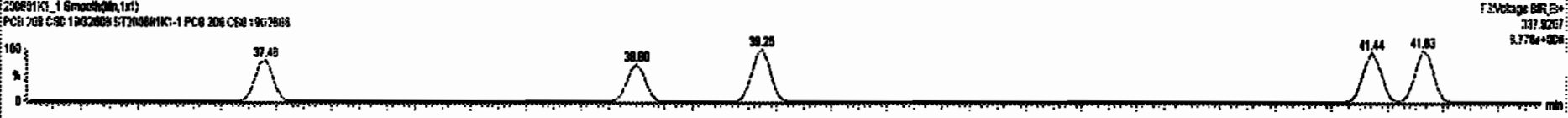
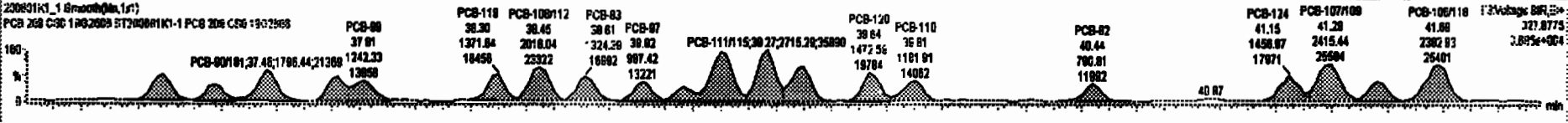
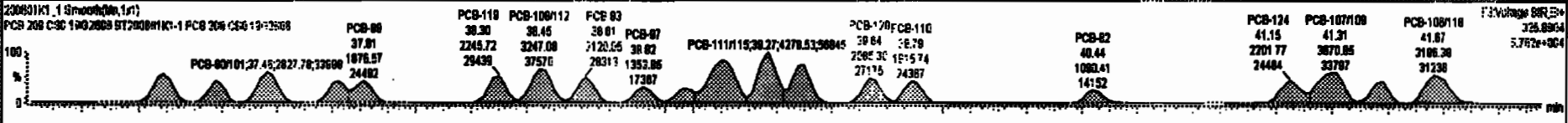


200801K1\_1



#	Name	Mass	RA	RG	RM	Value	Passes	ST	Passes	ST	Passes	ST	Passes	ST	Passes	ST	Passes	ST
227	2nd Function T4-PCBs					0.0028	1,000	0.00	0.0000	ND	3,000		0.191	3,000				
228	Total T4ns-PCBs					1.0778	1,000	0.00	0.0000	ND	3,000		0.267	3,000				
229	3rd Function Para-PCBs					1.0735	1,000	0.00	0.0000	ND	3,000		0.263	3,000				
230	4th Function Para-PCBs					1.0735	1,000	0.00	0.0000	ND	3,000		0.263	3,000				
231	2nd Function Haza-PCBs					0.0005	1,000	0.00	0.0000	ND	3,000		0.100	3,000				
232	4th Function Haza-PCBs					1.0010	1,000	0.00	0.0000	ND	3,000		0.431	3,000				
233	Total Haza-PCBs					1.0001	1,000	0.00	0.0000	ND	3,000		0.225	3,000				
234	4th Function Ocla-PCBs					1.0008	1,000	0.00	0.0000	ND	3,000		0.0714	3,000				
235	5th Function Ocla-PCBs					1.1400	1,000	0.00	0.0000	ND	3,000		0.0307	3,000				
236	Total Haza-PCBs					0.0023	1,000	0.00	0.0000	ND	3,000		0.0023	3,000				
237	Deca-CB					0.0004	1,000	0.00	0.0000	ND	3,000		0.0000	3,000				
238	Total PCBs																	

#	Name	Peak	RT	Area	Height	Width	Area	Height	Width	Area	Height	Width	Area	Height	Width	Area	Height	Width
84	PCB-104	32.48	32.47	1.580e3	1.091e3	1.580	1.57	ND	0.2000	0.2000								
85	PCB-88	33.78	33.78	1.846e3	1.822e3	1.580	1.77	ND	0.2300	0.21957								
86	PCB-103	34.30	34.33	1.697e3	1.822e3	1.580	1.85	ND	0.2500	0.25077								
87	PCB-100	34.67	34.69	1.507e3	1.133e3	1.580	1.33	ND	0.24700	0.24675								
88	PCB-84	35.18	35.17	1.352e3	8.891e2	1.580	1.87	ND	0.25700	0.25688								
89	PCB-89/89/102	35.67	35.66	4.531e3	2.955e3	1.580	1.52	ND	0.70400	0.70414								
70	PCB-83	36.78	36.82	1.048e3	7.388e2	1.580	1.42	ND	0.21600	0.21512								
71	PCB-89/81	38.14	38.14	2.922e3	1.854e3	1.580	1.77	ND	0.48500	0.48462								
72	PCB-121	38.23	38.23	7.575e3	1.574e3	1.580	1.84	ND	0.27400	0.27382								



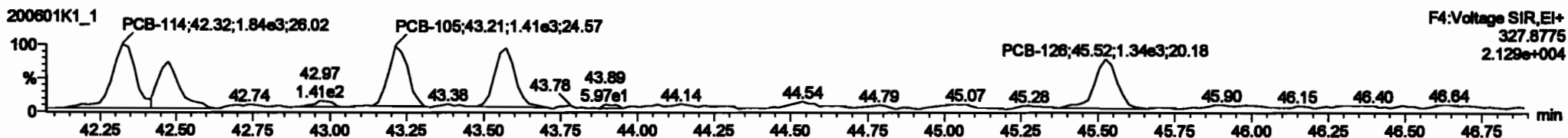
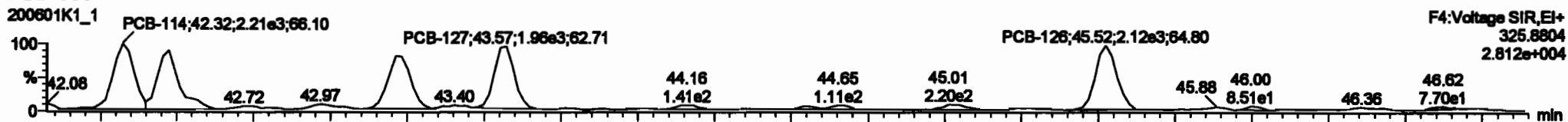


Dataset: Untitled

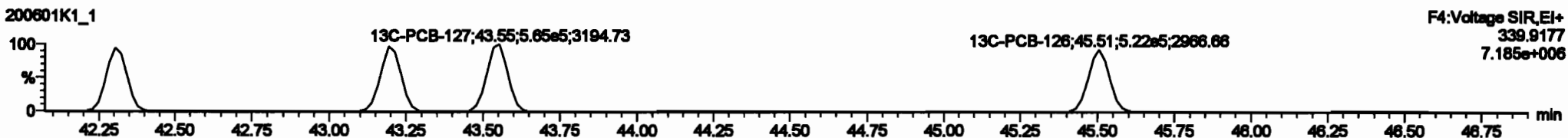
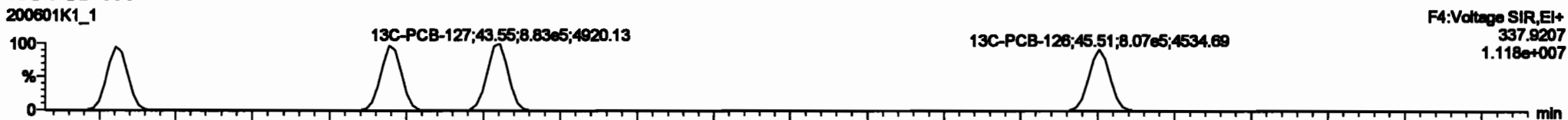
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

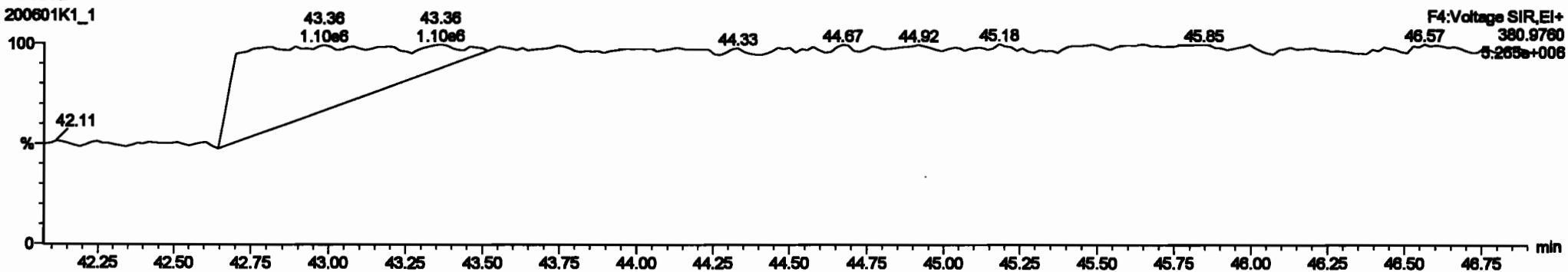
**PCB-114**



**13C-PCB-114**

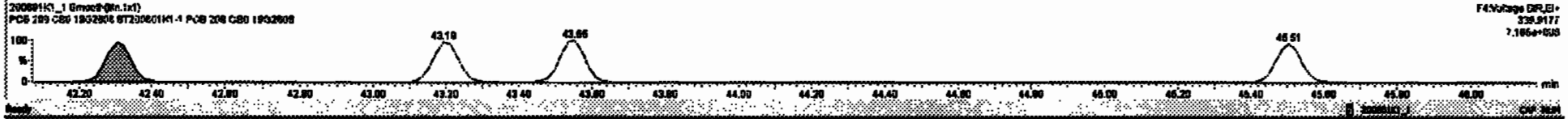
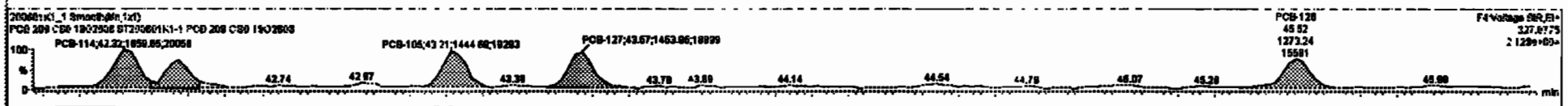
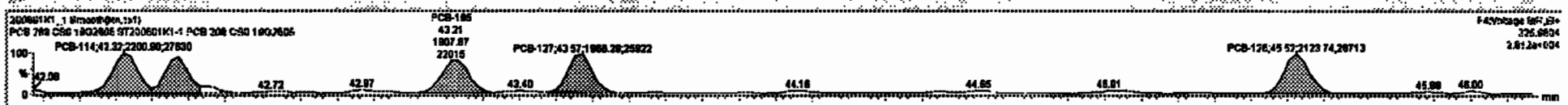


**PFK4a**



#	Mass	Area	HR	Int	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio
227	2nd Function Tri-PCBs			0.8928	1.000	0.00		0.800	NO	3.888		0.101	3.888
228	Total Tri-PCBs			1.8778	1.000	0.00		0.800	NO	8.917		0.287	8.917
229	2nd Function Para-PCBs			1.2157	1.000	0.00		0.800	NO	8.800		0.218	8.800
230	Total Para-PCBs			1.2157	1.000	0.00		0.800	NO	8.800		0.218	8.800
231	2nd Function Hexa-PCBs			0.8808	1.000	0.00		0.800	NO	3.400		0.108	3.400
232	Total Hexa-PCBs			1.0318	1.000	0.00		0.800	NO	6.431		0.180	6.431
233	Total Hepta-PCBs			1.2891	1.000	0.00		0.800	NO	5.880		0.228	5.880
234	6th Function Octa-PCBs			1.0008	1.000	0.00		0.800	NO	2.108		0.6714	2.108
235	Total Octa-PCBs			1.1488	1.000	0.00		0.800	NO	0.7210		0.0387	0.7210
236	Total Nona-PCBs			0.8828	1.000	0.00		0.800	NO	0.7101		0.0328	0.7101
237	Deca-CB			0.8804	1.000	0.00		0.800	NO	0.2088		0.0023	0.2088
238	Total PCBs												

#	Mass	Area	HR	Int	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio
88	PCB-114	42.28	42.22	2.201e3	1.890e3	1.880	1.33	NO	0.21800	0.20817		
89	PCB-122	42.67	42.67	1.822e3	1.138e3	1.880	1.81	NO	0.23100	0.23089		
86	PCB-106	43.21	43.21	1.888e3	1.448e3	1.880	1.32	NO	0.22800	0.22776		
88	PCB-127	43.57	43.57	1.888e3	1.454e3	1.880	1.36	NO	0.22300	0.22285		
87	PCB-128	45.82	45.82	2.124e3	1.378e3	1.880	1.87	NO	0.21800	0.21838		



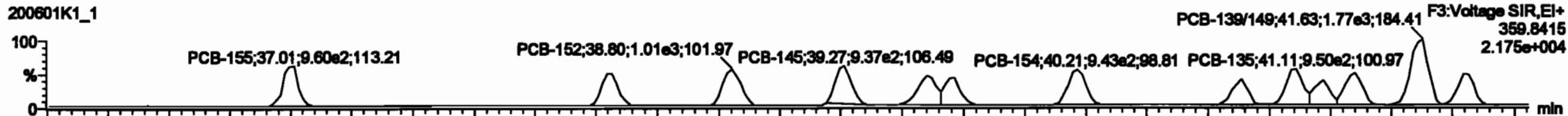
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

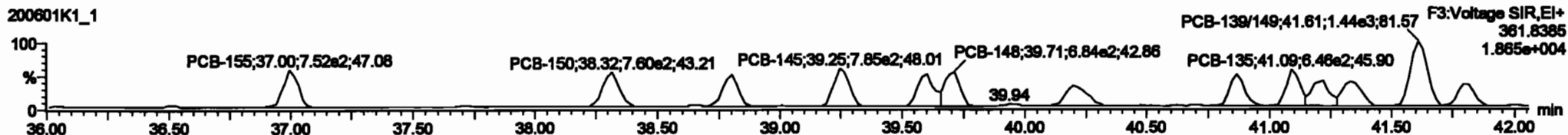
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-155**

200601K1\_1



200601K1\_1

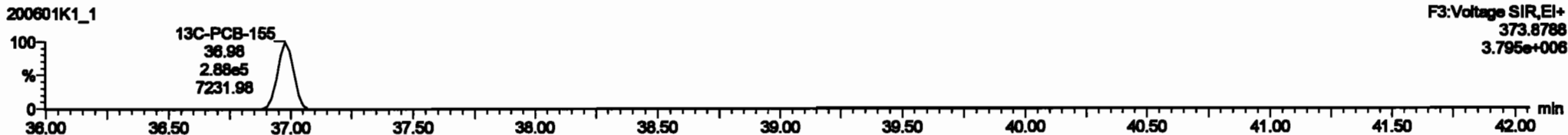


**13C-PCB-155**

200601K1\_1

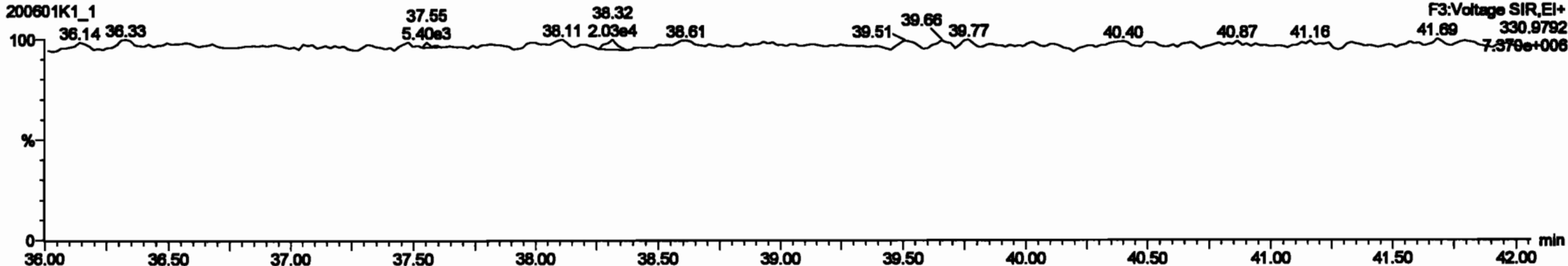


200601K1\_1



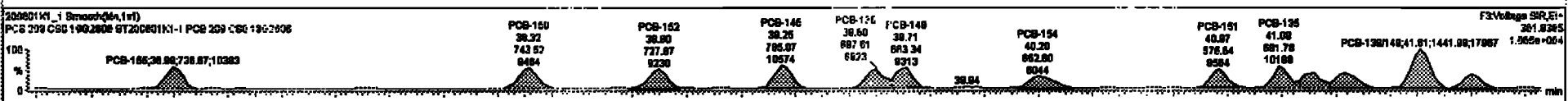
**PFK3c**

200601K1\_1



#	Phase	Mass	CA	CP	PP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP
227	2nd Function Tri-PCBs				0.8828	1.000	0.00	0.000	NO	3.888		0.181	3.888					
228	Total Tri-PCBs				1.2778	1.000	0.00	0.000	NO	8.917		0.287	8.917					
229	2nd Function Penta-PCBs				1.3187	1.000	0.00	0.000	NO	8.800		0.318	8.800					
230	4th Function Penta-PCBs				1.0738	1.000	0.00	0.000	NO	1.148		0.0538	1.148					
231	Total Penta-PCBs				2.3925	1.000	0.00	0.000	NO	9.948		0.372	9.948					
232	4th Function Hexa-PCBs				1.3318	1.000	0.00	0.000	NO	6.431		0.180	6.431					
233	Total Hexa-PCBs				1.3881	1.000	0.00	0.000	NO	6.880		0.225	6.880					
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	NO	2.188		0.0714	2.188					
235	6th Function Octa-PCBs				1.1488	1.000	0.00	0.000	NO	0.7210		0.0287	0.7210					
236	Total Octa-PCBs				0.8828	1.000	0.00	0.000	NO	0.7181		0.0328	0.7181					
237	Deca-Cl				0.9884	1.000	0.00	0.000	NO	0.2388		0.00828	0.2388					
238	Total PCBs																	

#	Phase	Mass	CA	CP	PP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP	CP	CP/PP
89	PCB-158	38.98	37.01	8.801e2	7.387e2	1.240	1.30	NO	0.24700	0.24732								
90	PCB-160	38.32	38.30	8.464e2	7.435e2	1.240	1.14	NO	0.22800	0.22810								
100	PCB-162	38.80	38.80	8.888e2	7.278e2	1.240	1.37	NO	0.22100	0.22078								
101	PCB-146	38.27	38.27	1.018e2	7.881e2	1.240	1.30	NO	0.28100	0.28080								
102	PCB-138	38.80	38.80	8.158e2	8.878e2	1.240	1.18	NO	0.22400	0.22404								
103	PCB-148	38.71	38.71	7.081e2	8.838e2	1.240	1.05	NO	0.24800	0.24844								
104	PCB-154	40.21	40.22	8.078e2	8.538e2	1.240	1.38	NO	0.25800	0.25830								
105	PCB-161	40.88	40.88	8.188e2	8.788e2	1.240	1.07	NO	0.28100	0.28088								
106	PCB-136	41.11	41.11	8.348e2	8.918e2	1.240	1.38	NO	0.28800	0.28828								



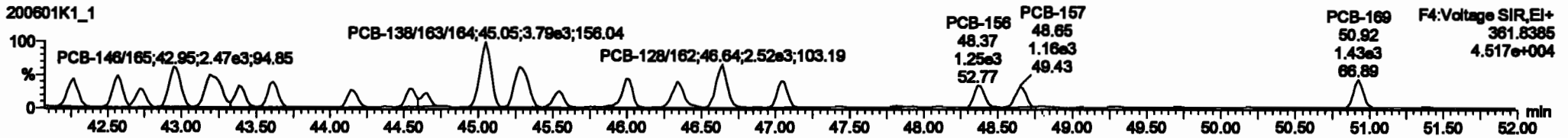
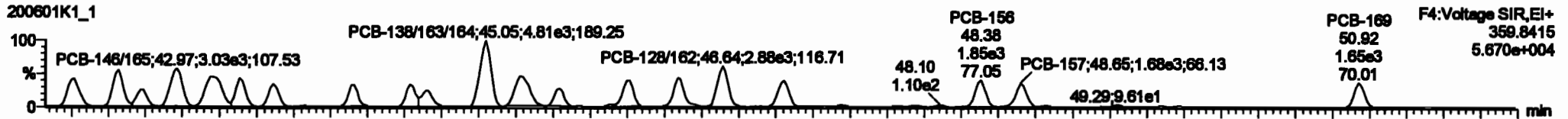
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

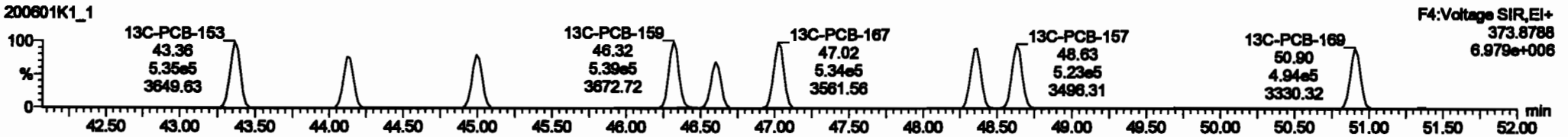
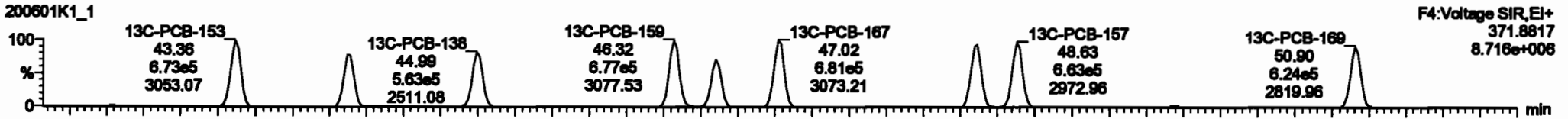
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

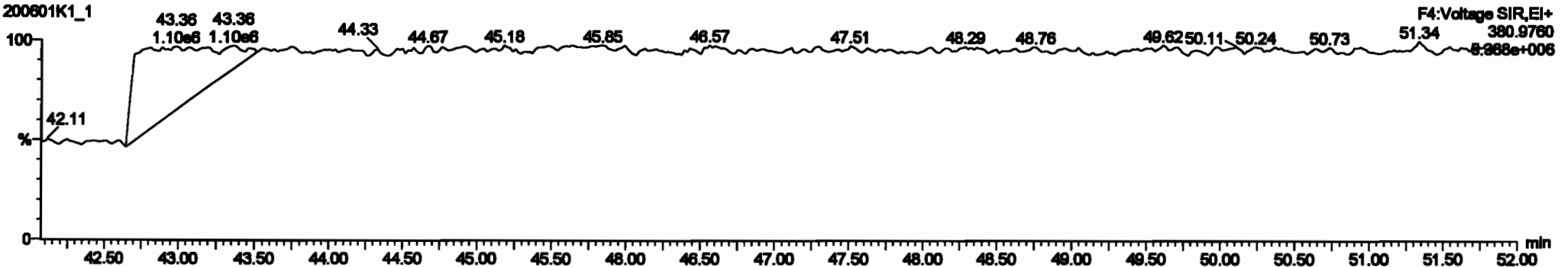
PCB-134/143



13C-PCB-153

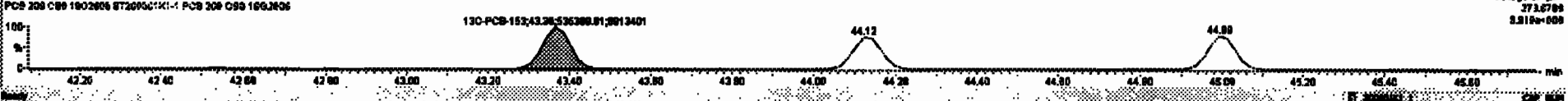
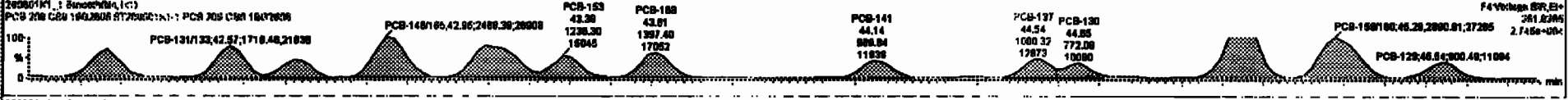


PFK4b



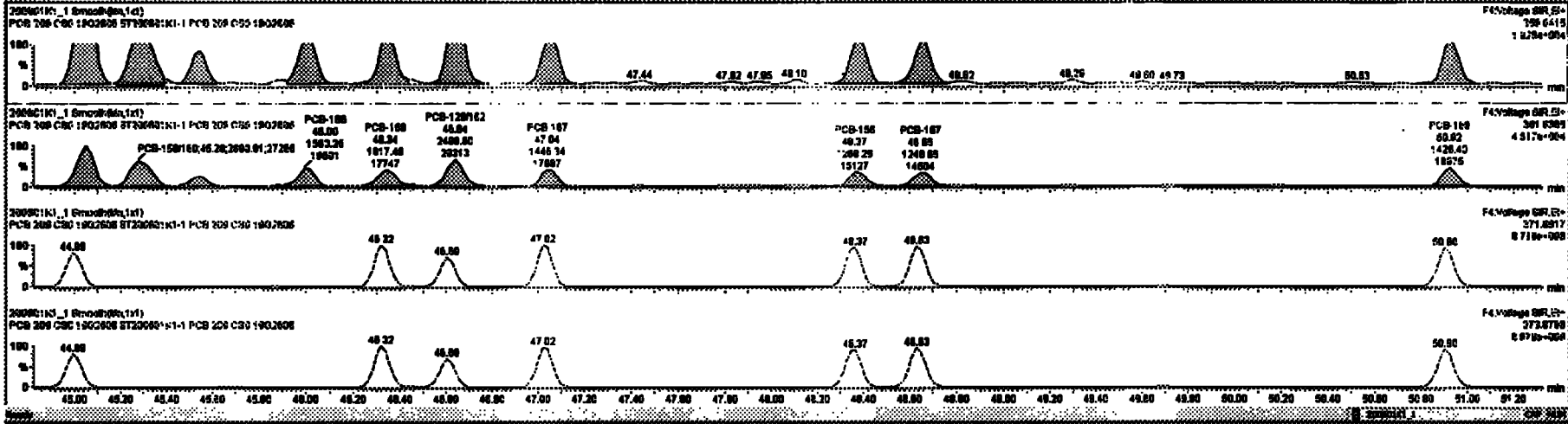
PCB	Function	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
227	3rd Function In-PCBs			0.0028	1.000	0.00		0.000	NO	3.888		0.191	3.888					
228	Total In-PCBs			1.0778	1.000	0.00		0.000	NO	8.917		0.287	8.917					
229	3rd Function Para-PCBs			1.2187	1.000	0.00		0.000	NO	8.800		0.218	8.800					
230	6th Function Para-PCBs			1.0728	1.000	0.00		0.000	NO	1.148		0.088	1.148					
231	3rd Function Meta-PCBs			0.8803	1.000	0.00		0.000	NO	3.480		0.108	3.480					
232	6th Function Meta-PCBs			1.2332	1.000	0.00		0.000	NO	3.450		0.222	3.450					
233	Total Para-PCBs			1.2091	1.000	0.00		0.000	NO	5.980		0.222	5.980					
234	6th Function Odo-PCBs			1.8008	1.000	0.00		0.000	NO	2.188		0.9714	2.188					
235	3rd Function Odo-PCBs			1.5488	1.000	0.00		0.000	NO	0.7210		0.0887	0.7210					
236	Total Odo-PCBs			0.9823	1.000	0.00		0.000	NO	0.7181		0.0323	0.7181					
237	Dioxin-CB			0.8894	1.000	0.00		0.000	NO	0.2888		0.0023	0.2888					
238	Total PCBs																	

PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
111	PCB-134/43	43.28	43.28	2.1520	1.0000	1.240	1.28	NO	0.4080	0.4078							
112	PCB-138/33	43.88	43.87	2.4440	1.7180	1.240	1.42	NO	0.4200	0.4188							
113	PCB-142	43.72	43.72	1.2080	1.0180	1.240	1.18	NO	0.2400	0.2408							
114	PCB-148/85	43.97	43.97	3.0280	2.4880	1.240	1.28	NO	0.4478	0.4478							
115	PCB-152/81	43.38	43.18	3.2080	2.8840	1.240	1.21	NO	0.4788	0.4788							
116	PCB-158	43.38	43.38	1.7880	1.2380	1.240	1.42	NO	0.2288	0.2288							
117	PCB-168	43.81	43.81	1.8280	1.3878	1.240	1.88	NO	0.2288	0.2287							
118	PCB-141	44.14	44.14	1.2380	0.8880	1.240	1.24	NO	0.2288	0.2288							
119	PCB-137	44.84	44.84	1.2880	1.0000	1.240	1.28	NO	0.2288	0.2283							



Sample	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB		
227	Oil Function 14-PCBs			0.8958	1.000	0.00	0.000	ND	3.880	0.101	2.880
228	Total PCBs-PCBs			1.0776	1.000	0.00	0.000	ND	0.817	0.267	0.817
229	Oil Function Pesticide-PCBs			1.2167	1.000	0.00	0.000	ND	0.800	0.348	0.800
230	Oil Function PCBs-PCBs			1.0736	1.000	0.00	0.000	ND	1.140	0.000	1.140
231	Oil Function Heavy-PCBs			0.8958	1.000	0.00	0.000	ND	3.400	0.108	3.400
232	Oil Function PCBs-PCBs			1.2681	1.000	0.00	0.000	ND	0.880	0.288	0.880
234	Oil Function PCBs-PCBs			1.0000	1.000	0.00	0.000	ND	2.188	0.0714	2.188
235	Oil Function PCBs-PCBs			1.1488	1.000	0.00	0.000	ND	0.7210	0.0367	0.7210
236	Total Heavy-PCBs			0.8958	1.000	0.00	0.000	ND	0.7101	0.000	0.7101
237	Oil-CD			0.8984	1.000	0.00	0.000	ND	0.2988	0.000	0.2988
238	Total PCBs										

Sample	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	
111	PCB-43143	43.20	43.20	2.180e3	1.880e3	1.240	1.20	ND	0.40000	0.60700
112	PCB-43143B	43.80	43.80	2.444e3	1.716e3	1.240	1.42	ND	0.40000	0.61000
113	PCB-432	42.72	42.72	1.200e3	1.016e3	1.240	1.18	ND	0.20000	0.20000
114	PCB-432185	42.87	42.87	3.020e3	3.400e3	1.240	1.29	ND	0.44700	0.64700
115	PCB-432181	43.20	43.19	3.200e3	3.880e3	1.240	1.21	ND	0.47400	0.67800
116	PCB-432	43.36	43.36	1.700e3	1.200e3	1.240	1.42	ND	0.20000	0.20000
117	PCB-438	43.81	43.81	1.800e3	1.200e3	1.240	1.08	ND	0.20000	0.20000
118	PCB-431	44.14	44.14	1.200e3	0.880e3	1.240	1.34	ND	0.20000	0.20000
119	PCB-437	44.84	44.84	1.200e3	1.000e3	1.240	1.38	ND	0.20100	0.22100





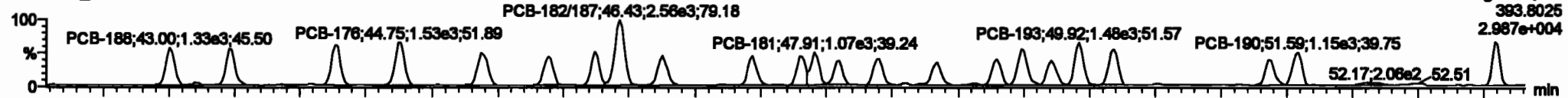
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

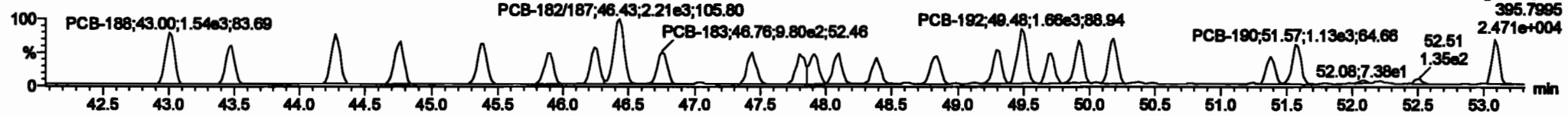
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-188**

200601K1\_1

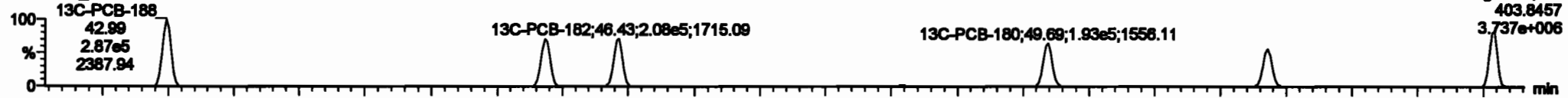


200601K1\_1

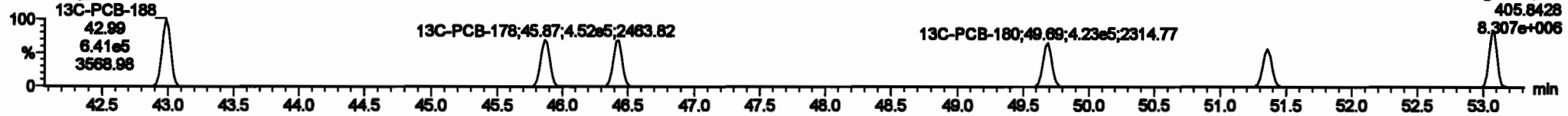


**13C-PCB-188**

200601K1\_1

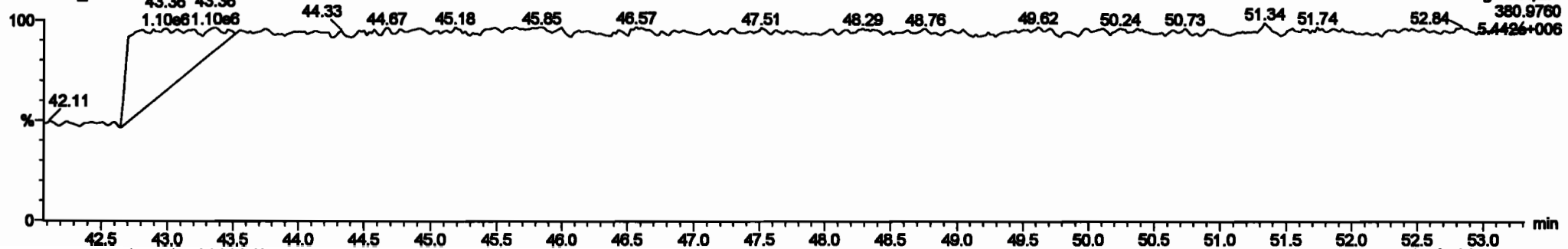


200601K1\_1



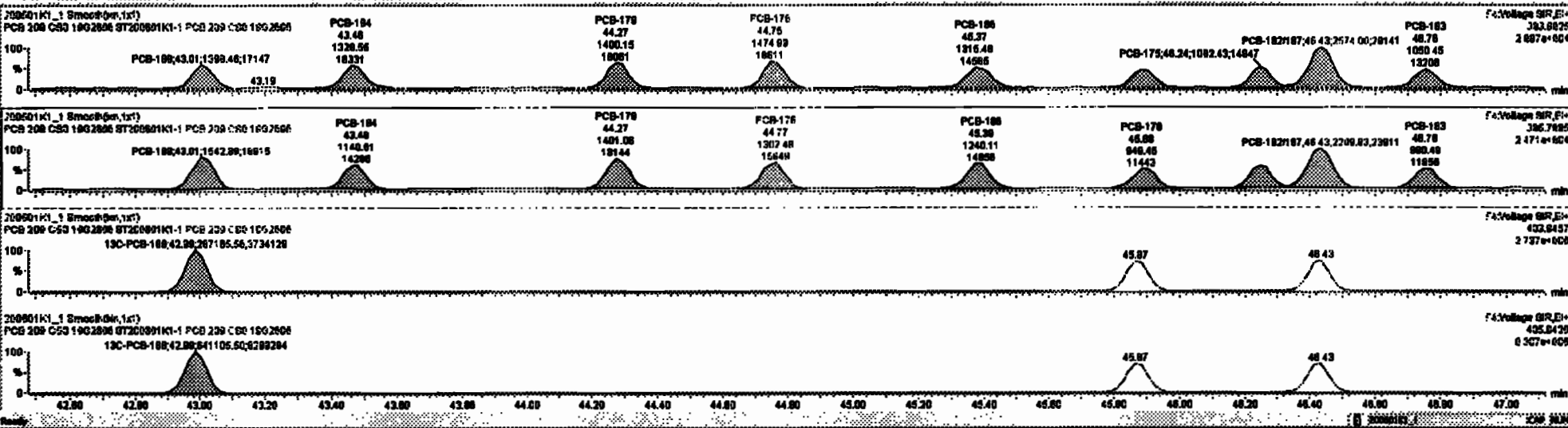
**PFK4c**

200601K1\_1



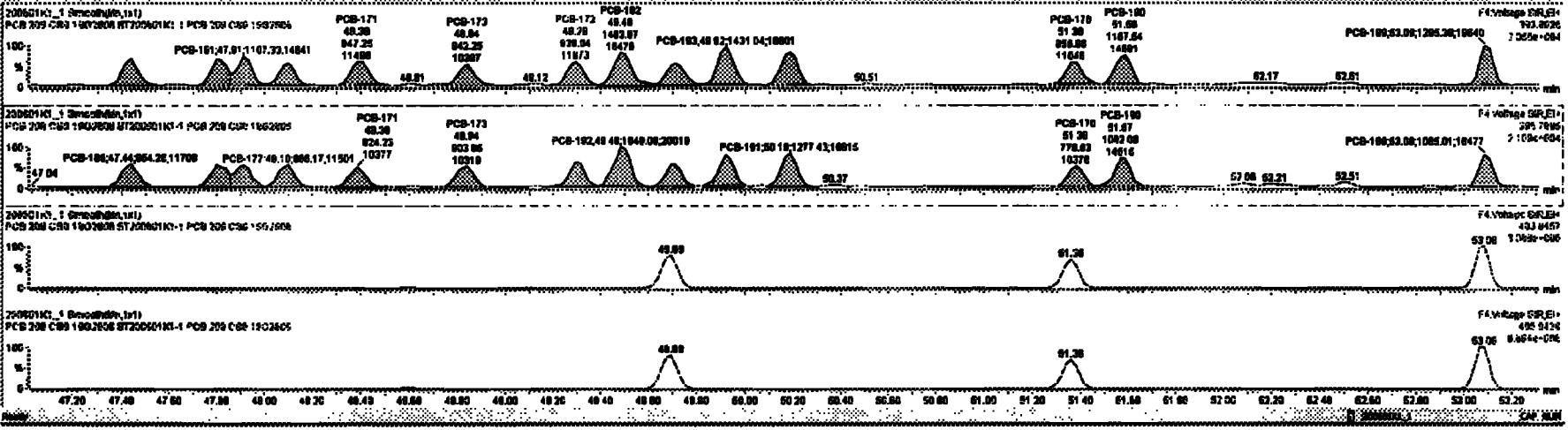
PCB	PCB Type	PCB Count	PCB Weight	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area
227	2nd Function TH-PCBs	0.9628	1.000	0.00	0.000	NO	3.880	0.181	3.880		
228	Total Tube-PCBs	1.0778	1.000	0.00	0.000	NO	8.917	0.267	8.917		
229	2nd Function Para-PCBs	1.2157	1.000	0.00	0.000	NO	8.880	0.219	8.880		
230	4th Function Para-PCBs	1.0735	1.000	0.00	0.000	NO	1.148	0.888	1.148		
231	2nd Function Hesa-PCBs	0.8505	1.000	0.00	0.000	NO	3.400	0.108	3.400		
232	4th Function Hesa-PCBs	1.0318	1.000	0.00	0.000	NO	8.431	0.180	8.431		
233	PCB-188	1.3951	1.000	0.00	0.000	NO	2.200	0.200	2.200		
234	4th Function Oda-PCBs	1.0008	1.000	0.00	0.000	NO	2.180	0.014	2.180		
235	8th Function Oda-PCBs	1.1488	1.000	0.00	0.000	NO	0.7210	0.087	0.7210		
236	Total Hesa-PCBs	0.9523	1.000	0.00	0.000	NO	0.7181	0.0523	0.7180		
237	Dasa-CB	0.8894	1.000	0.00	0.000	NO	0.2588	0.0823	0.2588		
238	Total PCBs										

PCB	PCB Type	PCB Count	PCB Weight	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area	PCB Volume	PCB Area	PCB Perimeter	PCB Surface Area
131	PCB-188	43.03	43.03	1.288e3	1.593e3	1.050	0.91	NO	0.24800	0.24800	
132	PCB-184	43.48	43.48	1.258e3	1.141e3	1.050	1.18	NO	0.21580	0.21580	
133	PCB-178	44.27	44.27	1.490e3	1.891e3	1.050	1.00	NO	0.23280	0.23280	
134	PCB-176	44.74	44.74	1.478e3	1.302e3	1.050	1.13	NO	0.22880	0.22880	
135	PCB-186	45.38	45.37	1.218e3	1.240e3	1.050	1.08	NO	0.20700	0.20715	
136	PCB-178	45.80	45.88	1.028e3	0.488e3	1.050	1.78	NO	0.22700	0.22708	
137	PCB-176	46.24	46.24	1.882e3	1.088e3	1.050	1.01	NO	0.24280	0.24248	
138	PCB-182/187	46.42	46.42	2.674e3	2.210e3	1.050	1.18	NO	0.48300	0.48337	
139	PCB-183	46.78	46.78	1.850e3	0.828e3	1.050	1.07	NO	0.21400	0.21381	



PCB	Material	Area	Vol%	Count	Area	Vol%	Count	Area	Vol%	Count	Area	Vol%	Count
227	Shell Function Tri-PCBs	0.0028	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
228	Total Tri-PCBs	1.0770	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
229	Shell Function Penta-PCBs	1.3167	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
230	4th Function Penta-PCBs	1.0728	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
231	Shell Function Hexa-PCBs	0.0003	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
232	4th Function Hexa-PCBs	1.0018	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
233	Shell Function Octa-PCBs	1.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
234	4th Function Octa-PCBs	1.1488	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
235	Total Hexa-PCBs	0.0023	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
237	Shell-Cl	0.0004	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00	0.0000	1.000	0.00
238	Total PCBs												

PCB	Area	Vol%	Count	Area	Vol%	Count	Area	Vol%	Count	
131	PCB-169	49.00	49.01	1.380e3	1.543e3	1.000	0.01	NO	0.24000	0.24000
132	PCB-164	43.40	43.48	1.320e3	1.541e3	1.000	1.18	NO	0.21000	0.21000
133	PCB-178	44.27	44.27	1.400e3	1.409e3	1.000	1.00	NO	0.20000	0.20000
134	PCB-175	44.74	44.75	1.470e3	1.300e3	1.000	1.13	NO	0.22000	0.22000
135	PCB-168	45.28	45.37	1.310e3	1.290e3	1.000	1.00	NO	0.20700	0.20718
136	PCB-176	45.80	45.80	1.000e3	0.800e2	1.000	1.00	NO	0.20700	0.20708
137	PCB-175	48.24	48.24	1.380e3	1.280e3	1.000	1.01	NO	0.24200	0.24200
138	PCB-162/87	48.43	48.43	2.07e3	2.21e3	1.000	1.18	NO	0.40000	0.40000
139	PCB-163	48.78	48.78	1.500e3	0.800e2	1.000	1.07	NO	0.21400	0.21391



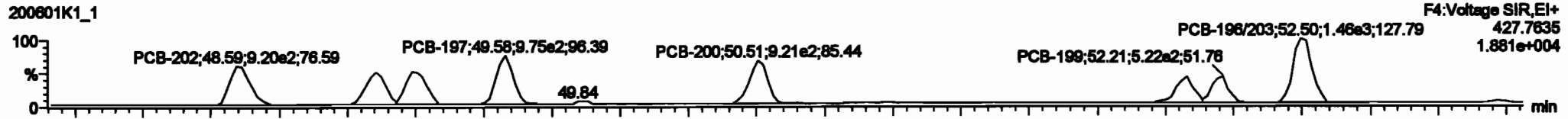
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

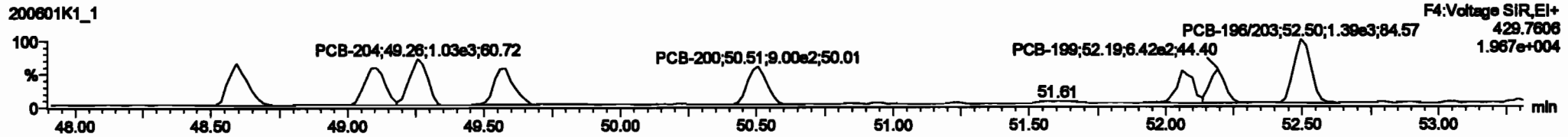
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-202

200601K1\_1

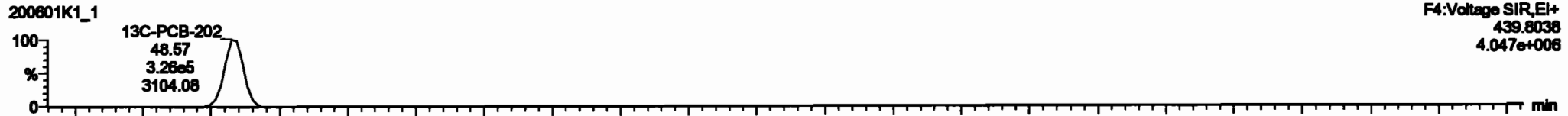


200601K1\_1

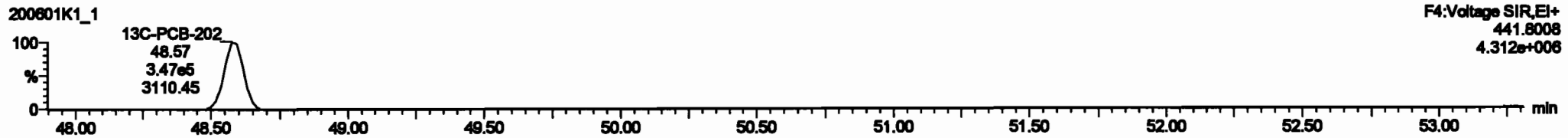


13C-PCB-202

200601K1\_1

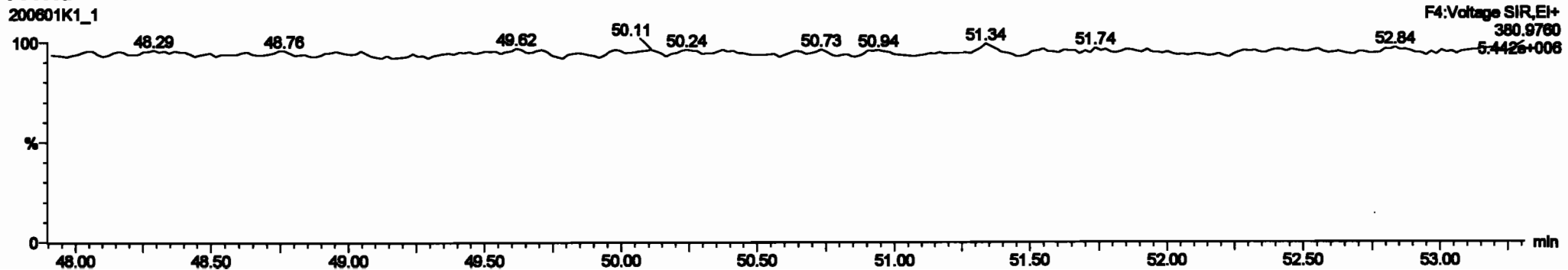


200601K1\_1



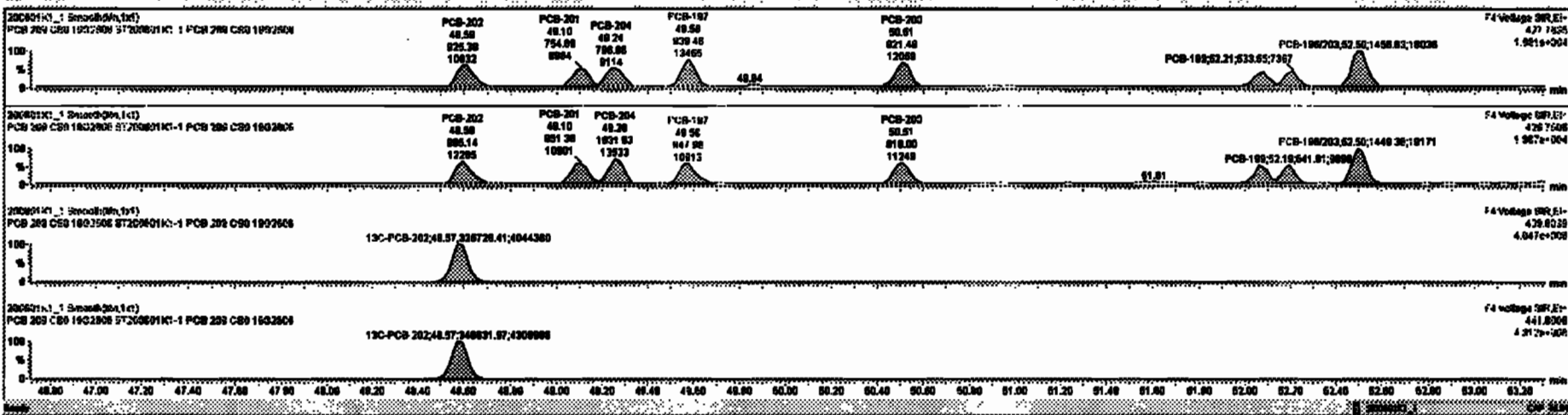
PFK4d

200601K1\_1



Peak #	Name	Area	Height	Width	Ret. Time	Response	Signal	Integration	Area	Height	Width	Ret. Time	Response	Signal
227	3rd Function Tri-PCBs	0.000	1.000	0.00	0.000	NO	NO	3.000	0.101	3.000				
228	Total Tri-PCBs	1.0770	1.000	0.00	0.000	NO	NO	0.017	0.207	0.017				
229	3rd Function Para-PCBs	1.2107	1.000	0.00	0.000	NO	NO	0.000	0.210	0.000				
230	4th Function Para-PCBs	1.2736	1.000	0.00	0.000	NO	NO	1.140	0.020	1.140				
231	3rd Function Meta-PCBs	0.000	1.000	0.00	0.000	NO	NO	3.400	0.100	3.400				
232	4th Function Meta-PCBs	1.0910	1.000	0.00	0.000	NO	NO	0.431	0.100	0.431				
233	Total Meta-PCBs	1.0910	1.000	0.00	0.000	NO	NO	0.000	0.225	0.000				
234	5th Function Ortho-PCBs	1.1400	1.000	0.00	0.000	NO	NO	0.710	0.007	0.710				
235	Total Ortho-PCBs	0.000	1.000	0.00	0.000	NO	NO	0.710	0.007	0.710				
237	Diox-CB	0.000	1.000	0.00	0.000	NO	NO	0.000	0.000	0.000				
238	Total PCBs	0.000	1.000	0.00	0.000	NO	NO	0.000	0.000	0.000				

Peak #	Name	Area	Height	Width	Ret. Time	Response	Signal	Integration	Area	Height	Width	Ret. Time	Response	Signal
184	PCB-202	48.01	48.00	0.20e2	0.001e2	0.000	0.00	NO	0.24000	0.24000				
185	PCB-201	48.00	48.10	7.04e2	0.014e2	0.000	0.70	NO	0.24100	0.24100				
186	PCB-204	48.24	48.24	7.00e2	1.030e2	0.000	0.77	NO	0.23800	0.23800				
187	PCB-197	48.00	48.00	0.00e2	0.400e2	0.000	0.00	NO	0.34000	0.34000				
188	PCB-200	00.00	00.01	0.21e2	0.100e2	0.000	1.00	NO	0.20000	0.20075				
189	PCB-199	02.00	02.00	1.00e2	0.720e2	0.000	0.00	NO	0.22000	0.22000				
190	PCB-198	02.17	02.17	0.20e2	0.410e2	0.000	0.00	NO	0.21000	0.21000				
001	PCB-195-000	02.00	02.00	1.00e2	1.400e2	0.000	1.00	NO	0.01000	0.01000				



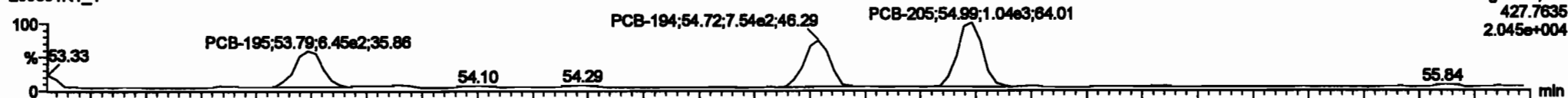
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

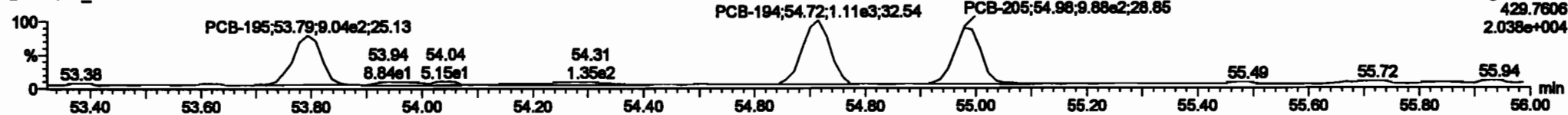
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-195**

200601K1\_1

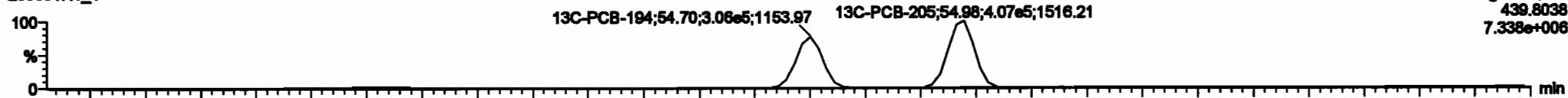


200601K1\_1

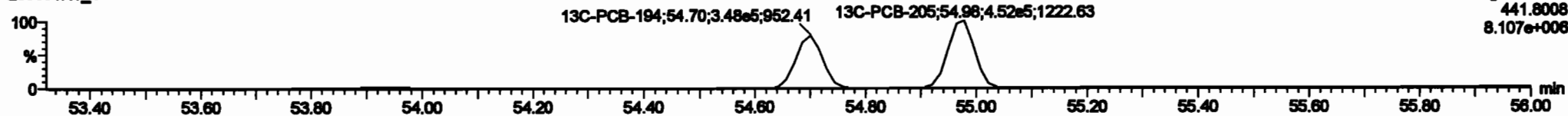


**13C-PCB-194**

200601K1\_1

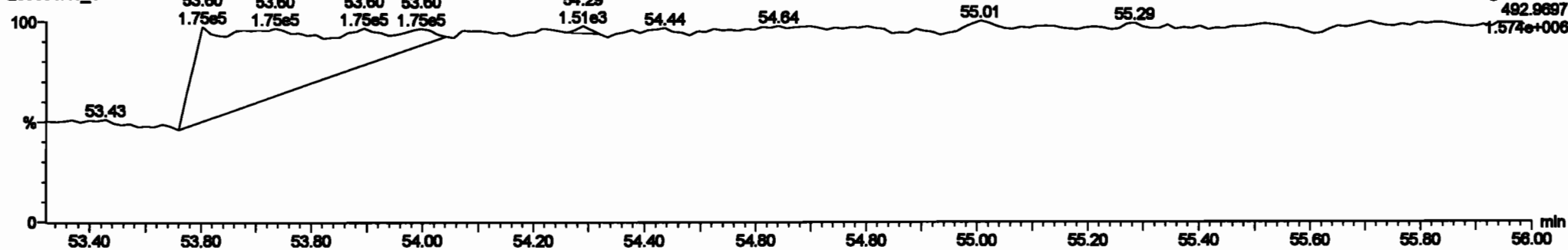


200601K1\_1



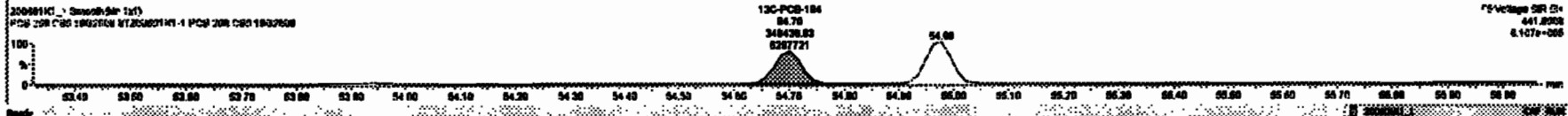
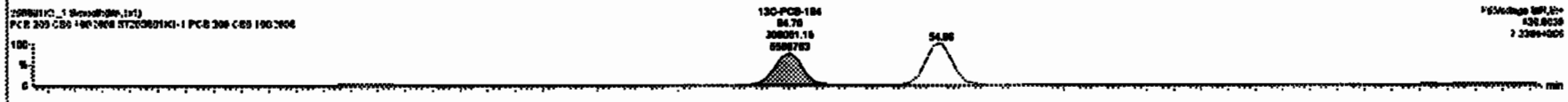
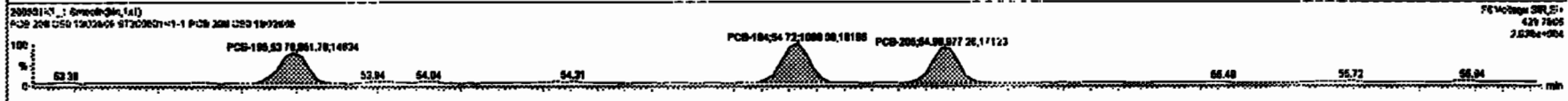
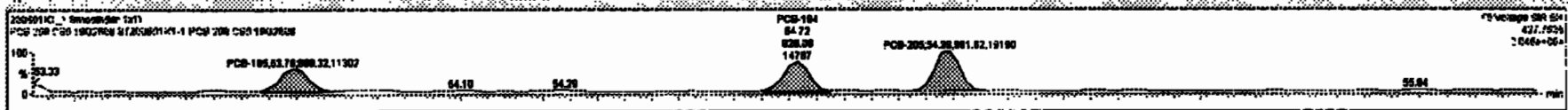
**PFK5a**

200601K1\_1



Sample	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
227	2nd Function PA-PCBs	0.0020	1.000	0.00	0.000	NO	3.000	0.101	2.000		
228	1st Function PCBs	1.0776	1.000	0.00	0.000	NO	0.017	0.207	0.017		
229	2nd Function PA-PCBs	1.0767	1.000	0.00	0.000	NO	0.000	0.210	0.000		
230	4th Function PA-PCBs	1.0776	1.000	0.00	0.000	NO	1.140	0.000	1.140		
231	2nd Function Hous-PCBs	0.0000	1.000	0.00	0.000	NO	3.400	0.100	3.400		
232	4th Function Hous-PCBs	1.0010	1.000	0.00	0.000	NO	0.401	0.100	0.401		
233	Total Hous-PCBs	1.0001	1.000	0.00	0.000	NO	6.800	0.200	6.800		
234	4th Function Oils-PCBs	1.0000	1.000	0.00	0.000	NO	2.100	0.014	2.100		
235	Total PCBs	1.0776	1.000	0.00	0.000	NO	1.140	0.207	1.140		
236	Total Hous-PCBs	0.0020	1.000	0.00	0.000	NO	0.101	0.000	0.100		
237	Over-Cl	0.0004	1.000	0.00	0.000	NO	0.200	0.000	0.200		
238	Total PCBs										

PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB		
100	PCB-100	63.30	63.70	0.000e+0	0.017e+0	0.000	0.01	NO	0.2000	0.20044
101	PCB-101	64.72	64.72	0.201e+0	1.000e+0	0.000	0.70	NO	0.2000	0.20222
104	PCB-205	64.00	64.00	0.010e+0	0.770e+0	0.000	1.01	NO	0.2000	0.20002





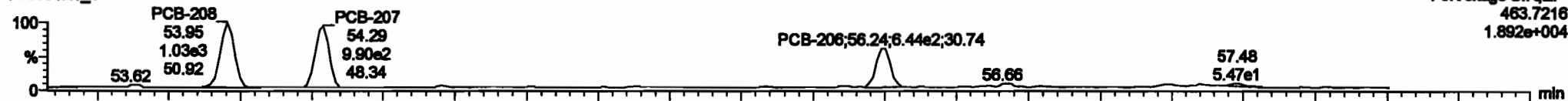
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

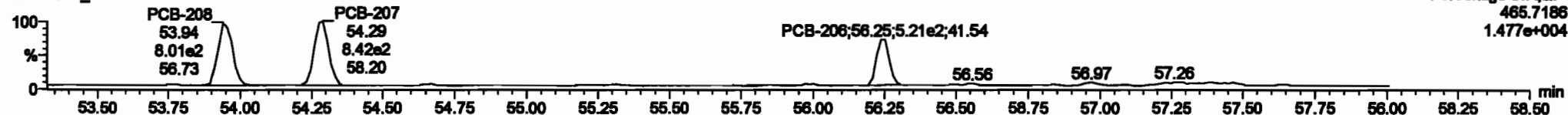
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2806, Description: PCB 209 CS0 19G2806

**PCB-208**

200601K1\_1

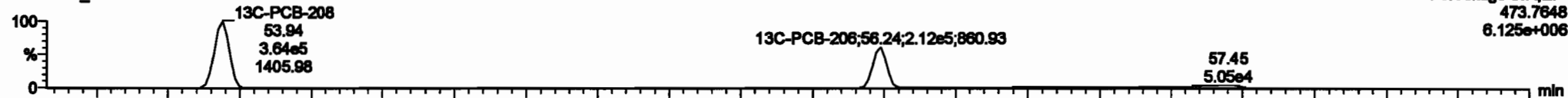


200601K1\_1

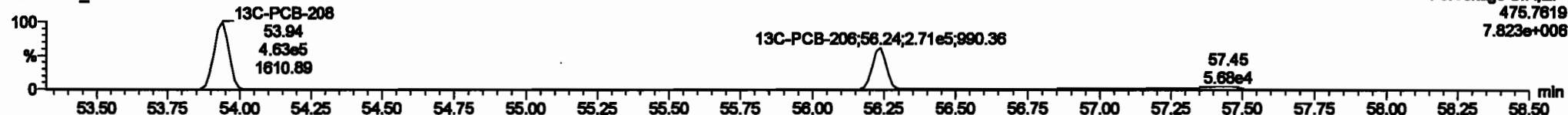


**13C-PCB-208**

200601K1\_1

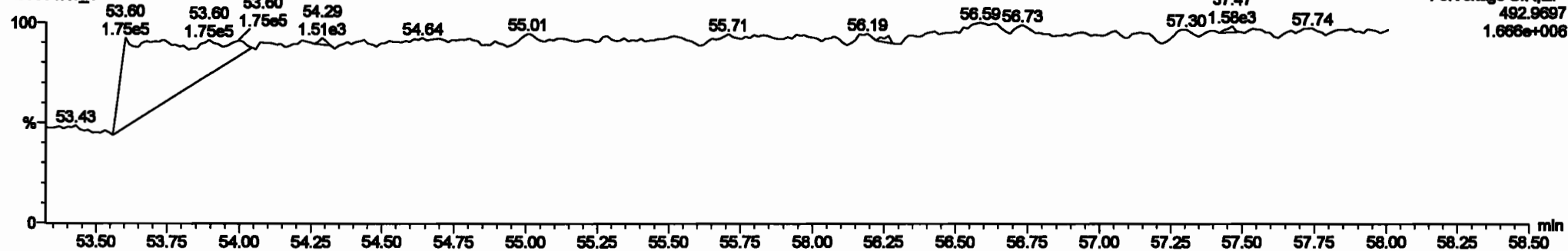


200601K1\_1



**PFK5**

200601K1\_1



Dataset: Untitled

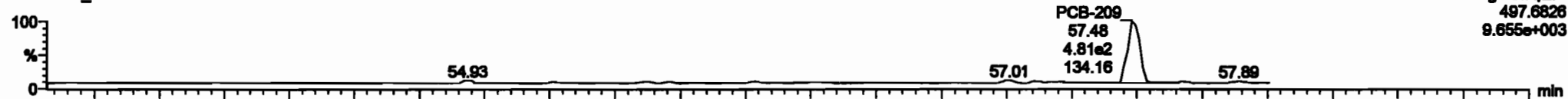
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

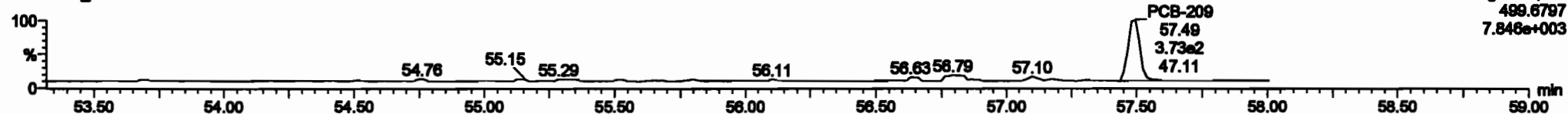
Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-209**

200601K1\_1

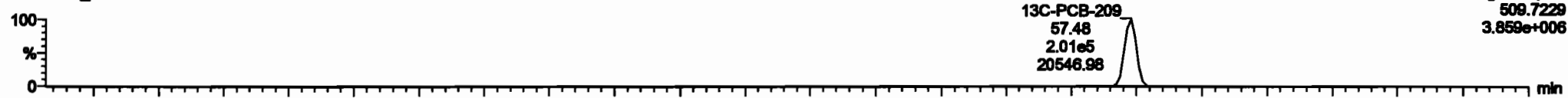


200601K1\_1

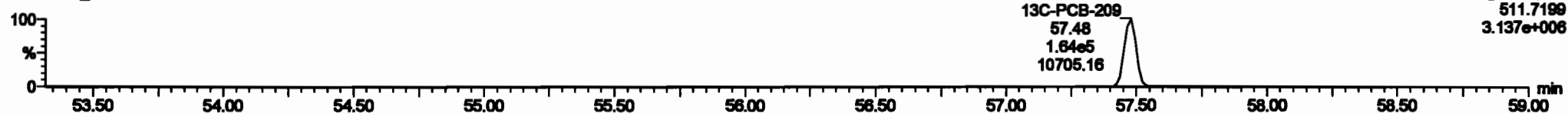


**13C-PCB-209**

200601K1\_1

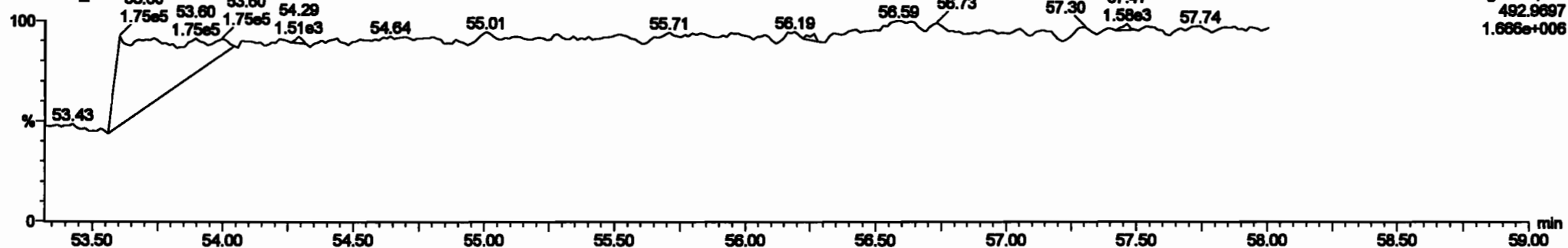


200601K1\_1



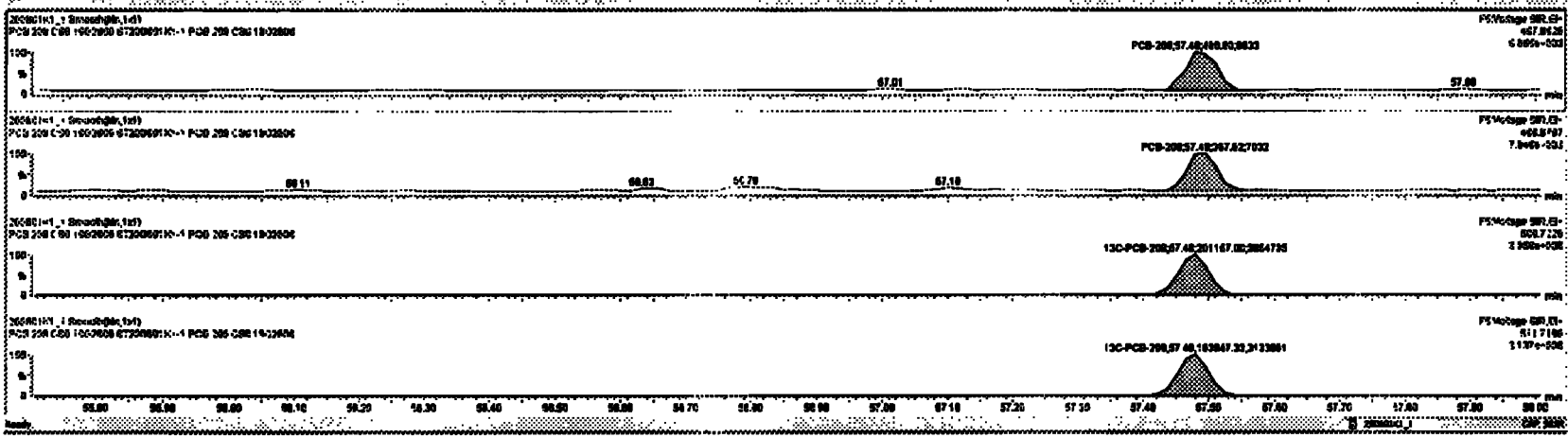
**PFK5b**

200601K1\_1



Item	QTY	UNIT	PRICE	TOTAL	TAX	DISC	NET	GRAND	AMOUNT
227 2nd Purvision 1st-PCBs			0.0000	1.0000	0.00	0.0000	ND	2.0000	0.191
228 Total Items-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
229 2nd Purvision Parts-PCBs			1.9700	1.0000	0.00	0.0000	ND	0.0000	0.0000
230 4th Purvision Parts-PCBs			1.0700	1.0000	0.00	0.0000	ND	1.1400	0.0000
231 2nd Purvision Hous-PCBs			0.0000	1.0000	0.00	0.0000	ND	2.0000	0.0000
232 4th Purvision Hous-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
233 Total Hous-PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000
234 4th Purvision Cals-PCBs			1.0000	1.0000	0.00	0.0000	ND	2.1000	0.0000
235 2nd Purvision Cals-PCBs			1.4000	1.0000	0.00	0.0000	ND	0.7000	0.0000
236 Total Cals-PCBs			0.0000	1.0000	0.00	0.0000	ND	0.7000	0.0000
237 Total PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000

Item	QTY	UNIT	PRICE	TOTAL	TAX	DISC	NET	GRAND	AMOUNT
400 PCB-200	07.00	07.00	4.0000	2.8000	1.770	1.00	ND	0.2000	0.2000

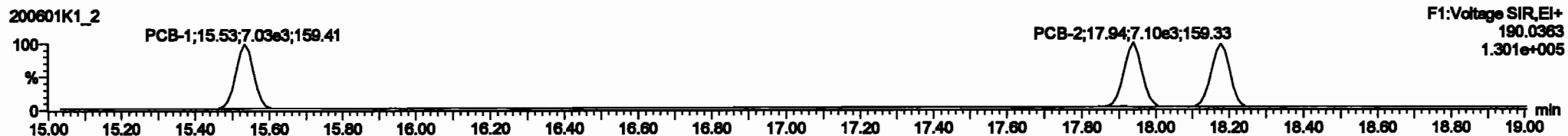


Dataset: Untitled

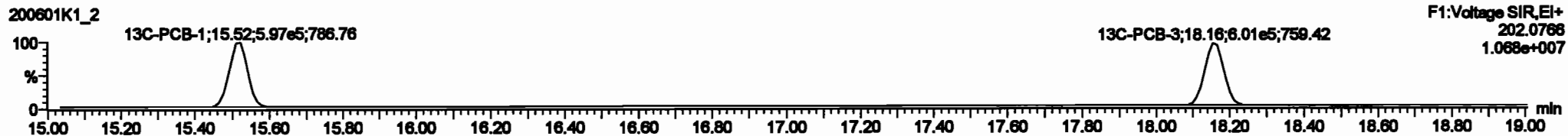
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

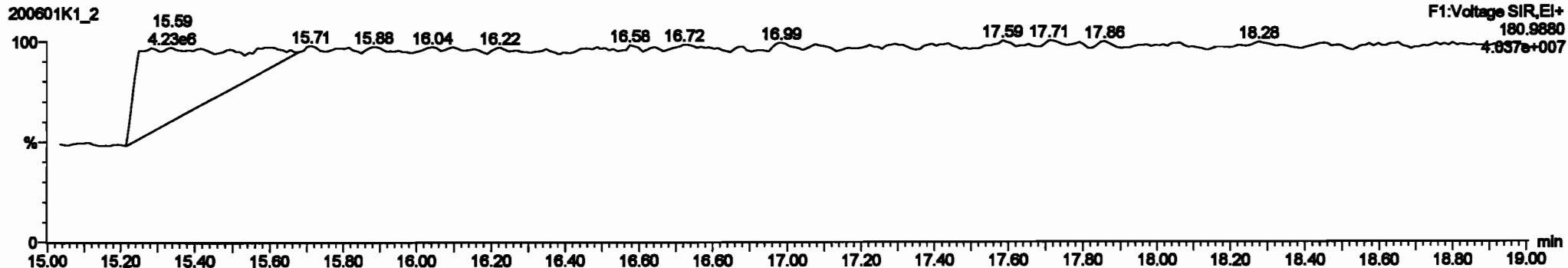
**PCB-1**



**13C-PCB-1**



**PFK1**

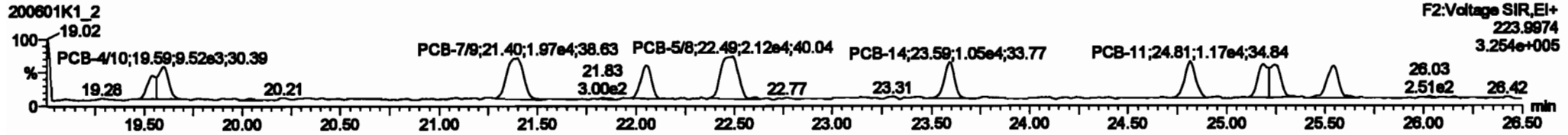
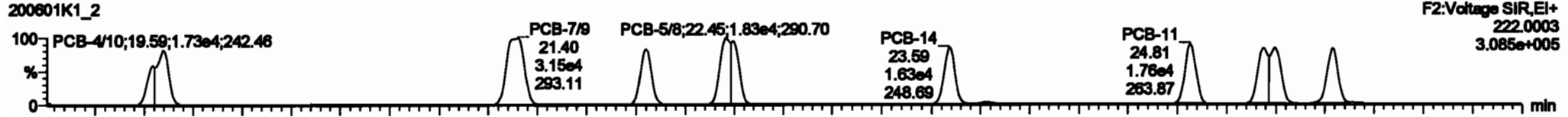


Dataset: Untitled

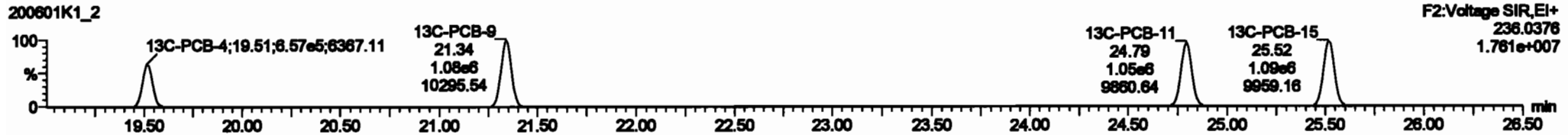
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

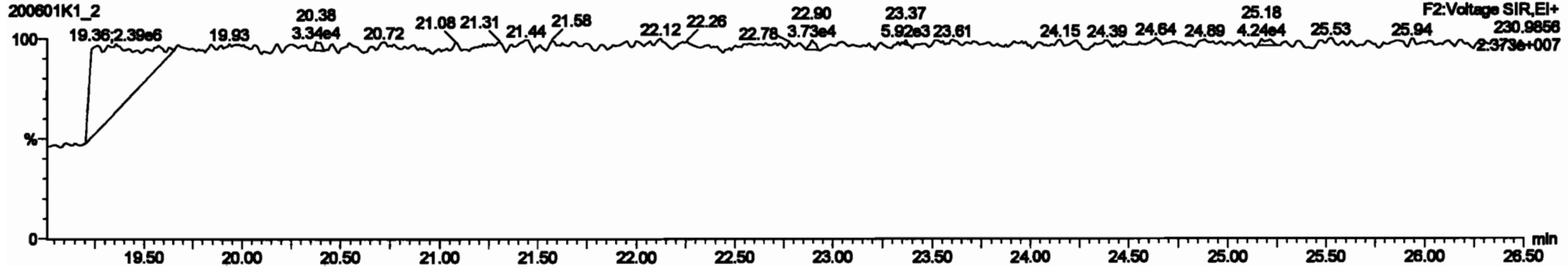
PCB-4/10



13C-PCB-4

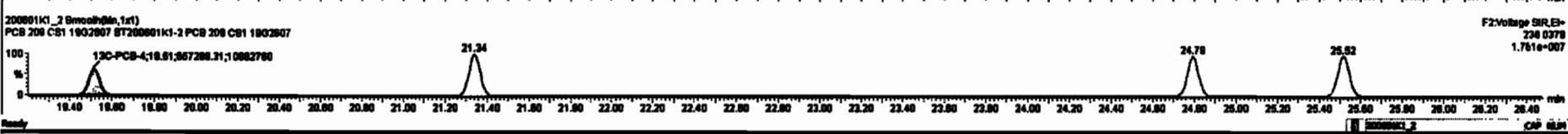
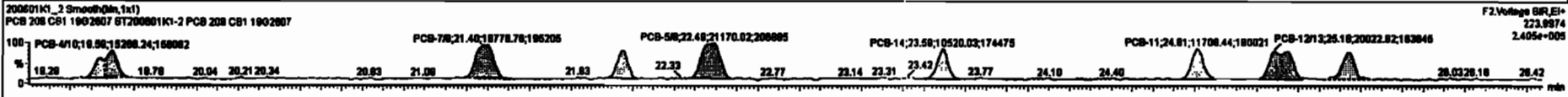


PFK2a



#	Name	Range	RA	Qty	Unit	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT
223	13C-PCB-178	7.18e6	0.45	NO	1.0000	1.000	46.87	46.87	0.823	0.823	NO	104.2	104	0.8272					
224	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0206	2.884				
225	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0206	2.884				
226	2nd Function TH-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0852	7.832				
227	2nd Function TH-PCBs				0.8828	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71				
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.382	40.38				
229	2nd Function Para-PCBs				1.3187	1.000	0.00	0.00	0.000	0.000	NO	38.87		0.870	38.87				
230	4th Function Para-PCBs				1.0736	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785				
231	2nd Function Hesa-PCBs				0.8828	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32				
232	4th Function Hesa-PCBs				1.0316	1.000	0.00	0.00	0.000	0.000	NO	28.45		0.302	28.45				
233	Total Hesa-PCBs				1.3891	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.230	23.19				
234	4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.216		0.0785	0.216				

#	Name	ProdRate	WT	est Range	est Range	* Ratio (Prod)	RA	Qty	Unit	ProdRate	WT	ProdRate	WT
1	4 PCB-478	18.80	18.80	2.480e4	1.527e4	1.580	1.82	NO	1.8710	1.8710			
2	6 PCB-78	21.40	21.40	3.162e4	1.878e4	1.580	1.80	NO	1.8880	1.8880			
3	8 PCB-8	22.08	22.08	1.817e4	1.806e4	1.580	1.81	NO	0.82800	0.82812			
4	7 PCB-64	22.48	22.48	3.122e4	2.117e4	1.580	1.40	NO	1.8070	1.8080			
5	8 PCB-14	23.80	23.80	1.821e4	1.852e4	1.580	1.58	NO	0.87700	0.87678			
6	9 PCB-11	24.81	24.81	1.771e4	1.171e4	1.580	1.81	NO	0.88700	0.88713			
7	10 PCB-13/13	25.25	25.25	3.170e4	2.002e4	1.580	1.58	NO	1.8880	1.8885			
8	11 PCB-15	26.80	26.80	1.829e4	1.021e4	1.580	1.58	NO	0.88400	0.88291			

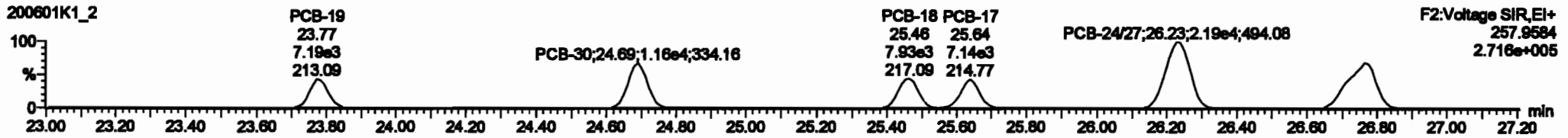
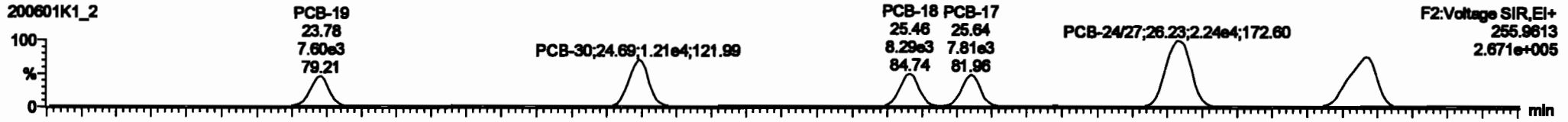


Dataset: Untitled

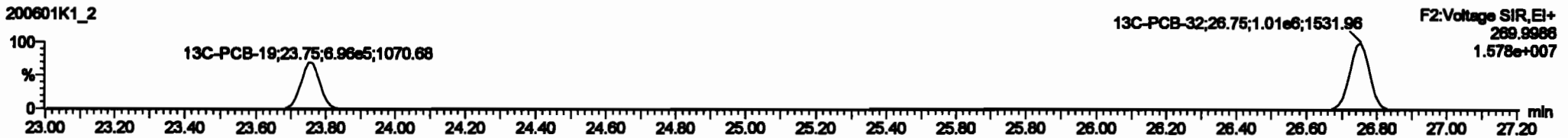
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

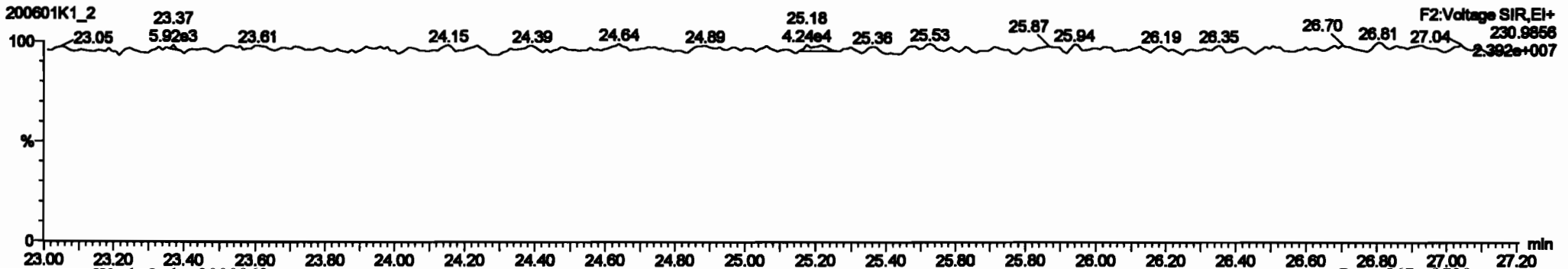
**PCB-19**



**13C-PCB-19**



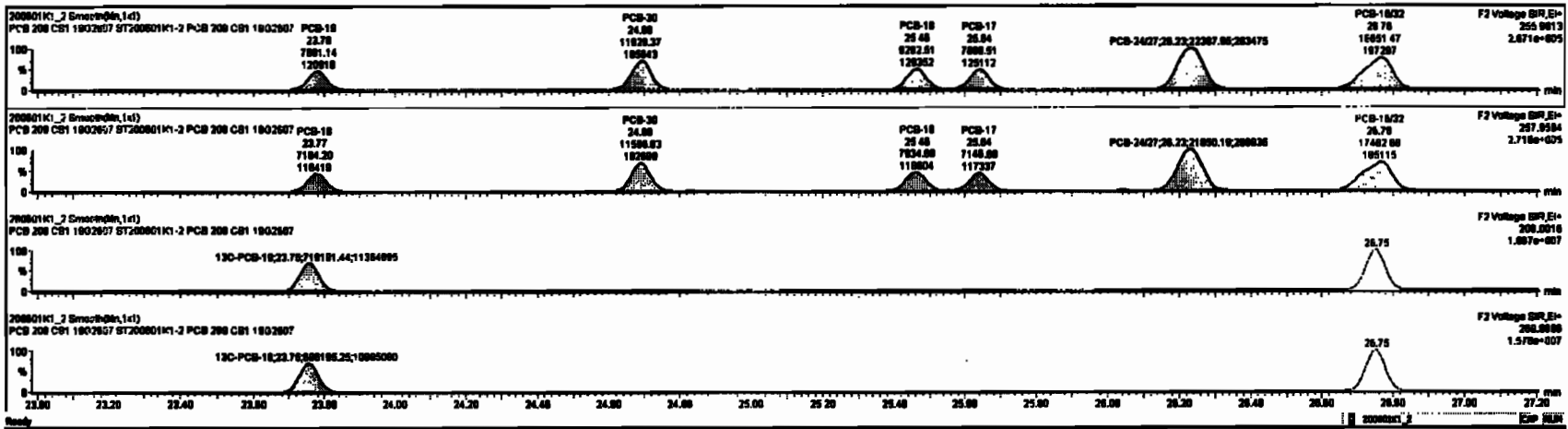
**PFK2b**





#	Comp	Qty	Unit	Cost	Material	Waste	Net	Prod. #	Net	Prod. #	Comp	Waste	Net	Prod. #
223	13C-PCB-170	7.5000	0.40	NO	1.0000	1.0000	46.07	0.0000	0.0000	NO	104.20	104	0.0000	0.0000
224	Total Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	2.0000	2.0000	0.0000	2.0000
225	Total DL-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	11.30	11.30	0.0000	11.30
226	Total PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	12.30	12.30	0.0000	12.30
227	2nd Purification PCBs				0.0000	1.0000	0.00	0.0000	0.0000	NO	10.71	10.71	0.0000	10.71
228	Total Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	40.20	40.20	0.0000	40.20
229	2nd Purification Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	30.67	30.67	0.0000	30.67
230	4th Purification Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	4.700	4.700	0.0000	4.700
231	2nd Purification Waste-PCBs				0.0000	1.0000	0.00	0.0000	0.0000	NO	13.33	13.33	0.0000	13.33
232	4th Purification Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	20.40	20.40	0.0000	20.40
233	Total Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	25.16	25.16	0.0000	25.16
234	4th Purification Waste-PCBs				1.0000	1.0000	0.00	0.0000	0.0000	NO	0.210	0.210	0.0000	0.210

#	Comp	Qty	Unit	Cost	Material	Waste	Net	Prod. #	Net	Prod. #	Comp	Waste	Net	Prod. #
1	13	PCB-18	23.70	23.70	7.0000	7.1000	1.000	1.00	NO	0.0000	0.0000	0.0000	0.0000	
2	13	PCB-20	24.00	24.00	1.0000	1.0000	1.000	1.00	NO	0.0000	0.0000	0.0000	0.0000	
3	14	PCB-18	26.40	26.40	0.2000	7.0000	1.000	1.00	NO	0.0000	0.0000	0.0000	0.0000	
4	15	PCB-17	20.04	20.04	7.0000	7.5000	1.000	1.00	NO	0.0000	0.0000	0.0000	0.0000	
5	16	PCB-2407	20.20	20.20	2.5000	2.5000	1.000	1.00	NO	1.0000	1.0000	1.0000	1.0000	
6	17	PCB-1002	20.77	20.70	1.0000	1.7000	1.000	1.00	NO	1.0000	1.0000	1.0000	1.0000	

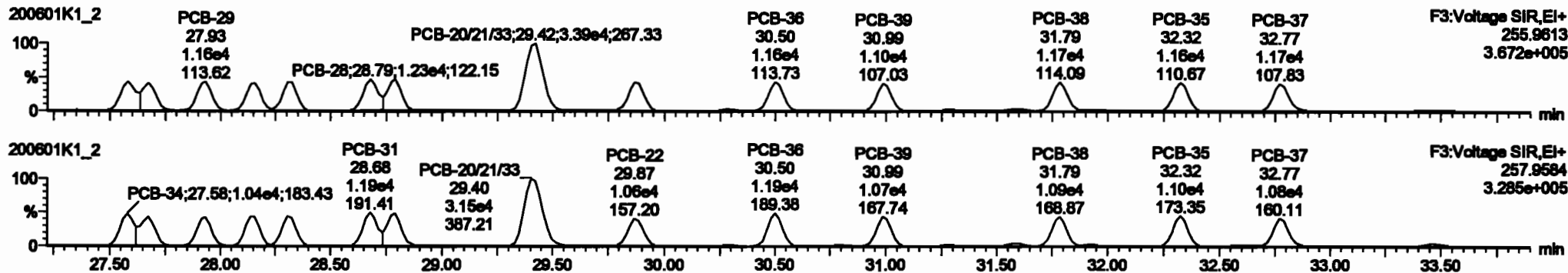


Dataset: Untitled

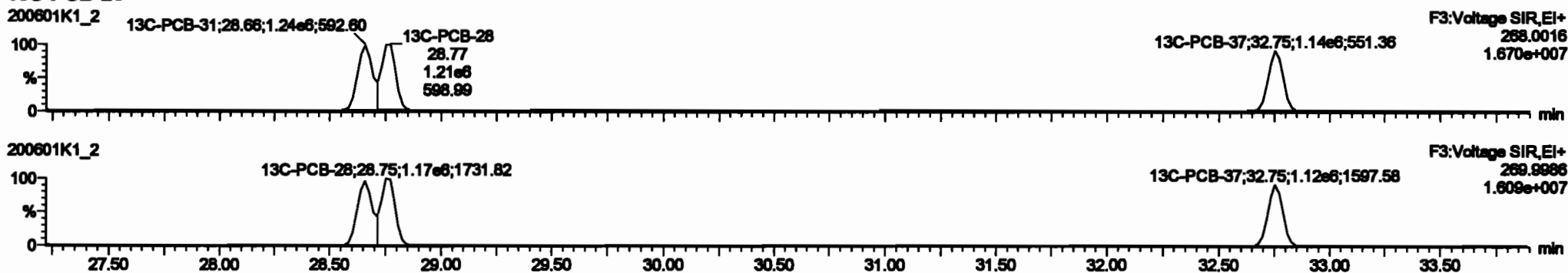
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

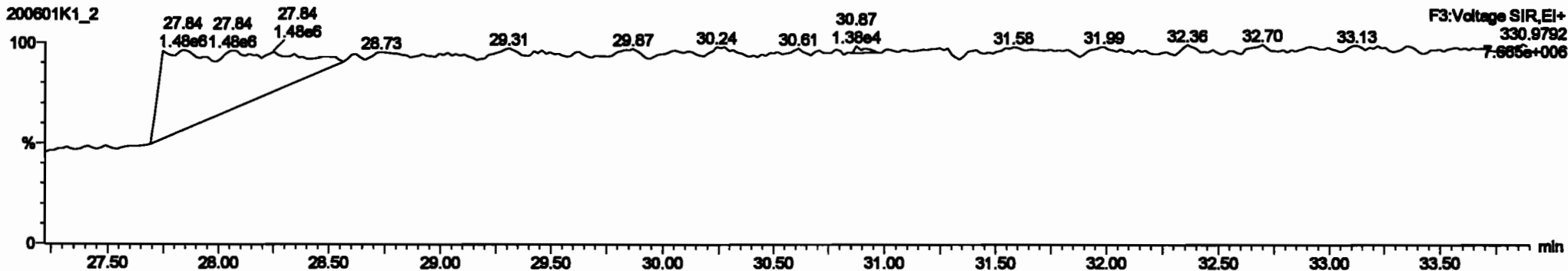
**PCB-34**



**13C-PCB-28**

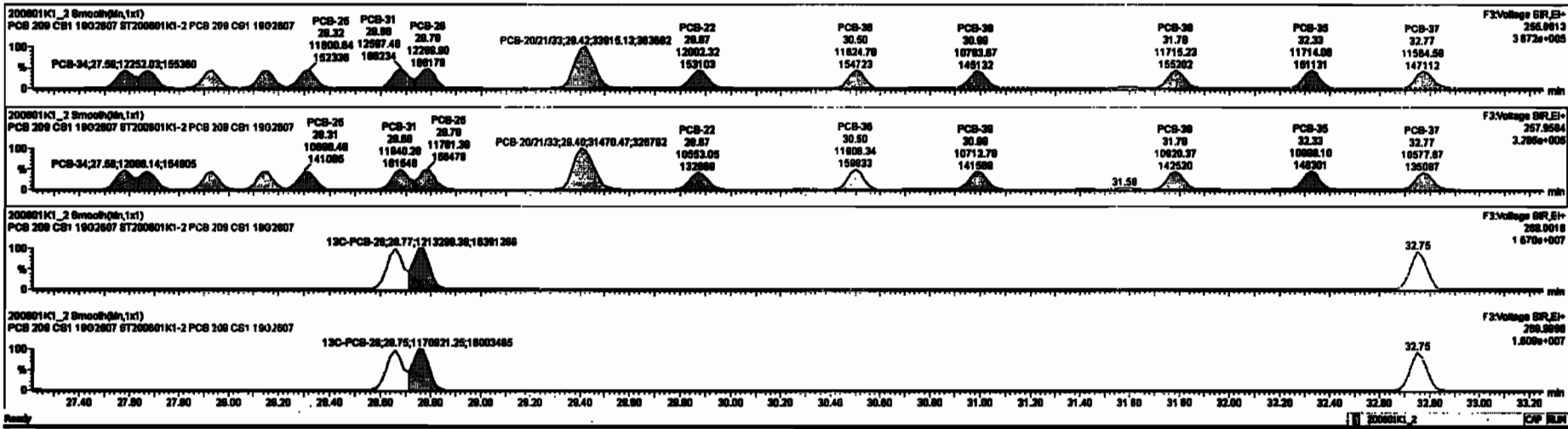


**PFK3d**



PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37
220	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
224	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
226	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
228	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
230	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
232	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
234	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37
18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

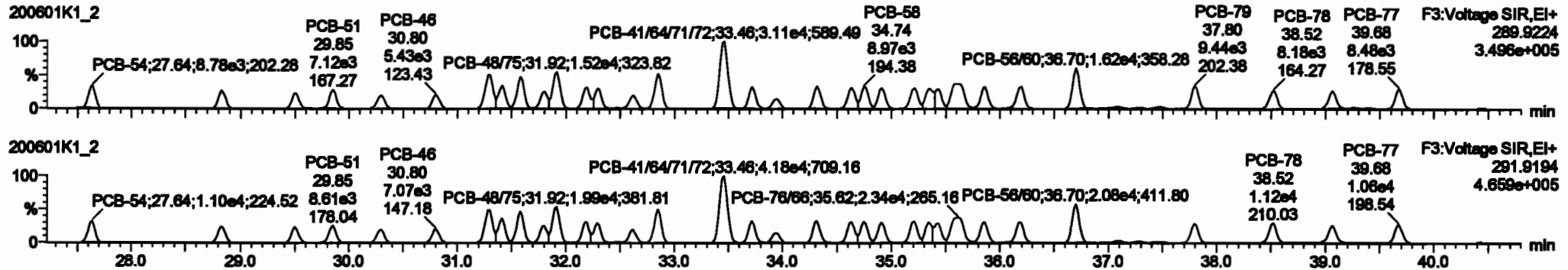


Dataset: Untitled

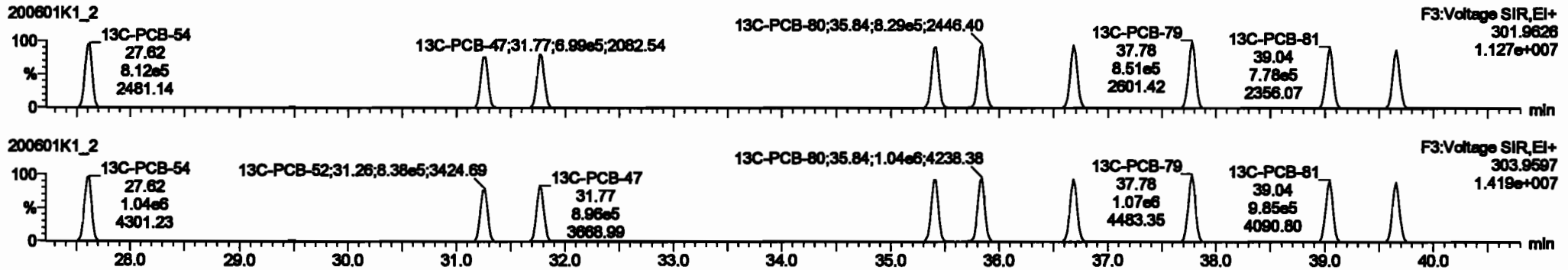
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

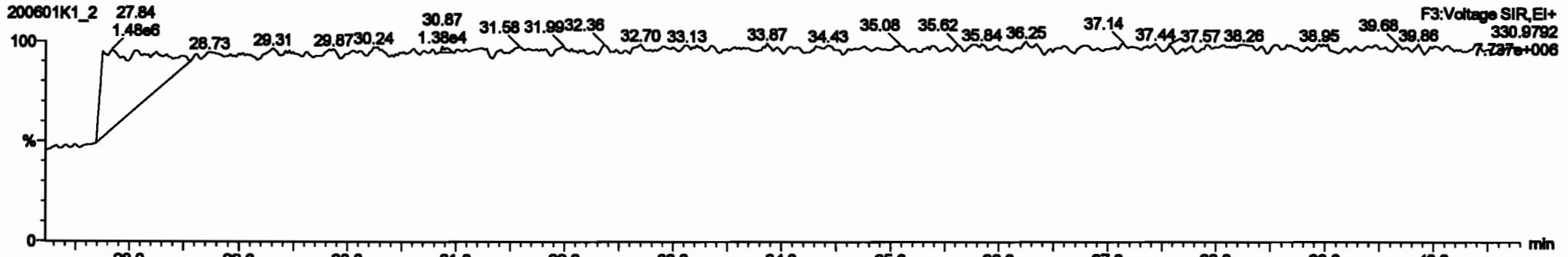
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

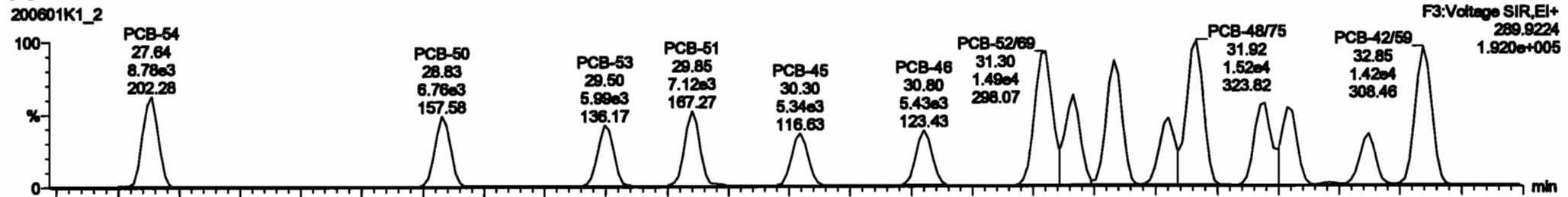
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

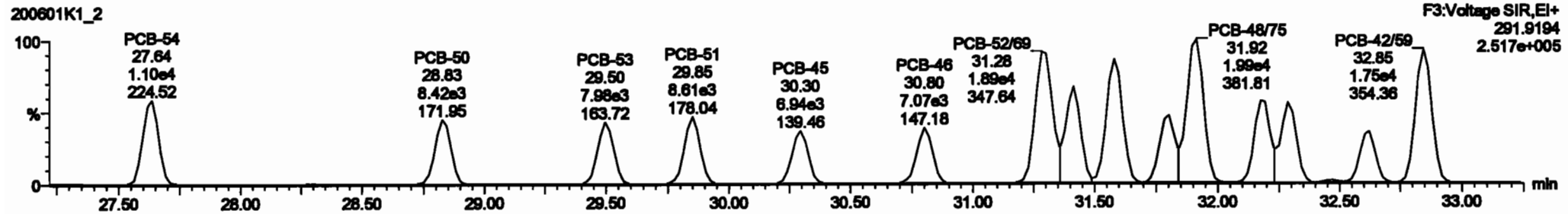
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-50

200601K1\_2



200601K1\_2

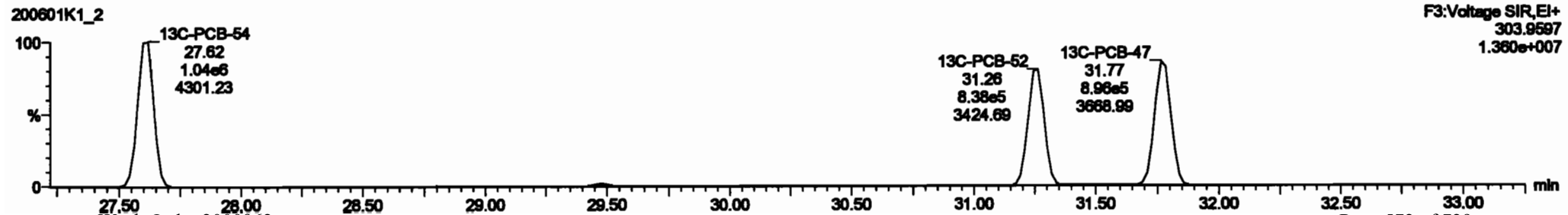


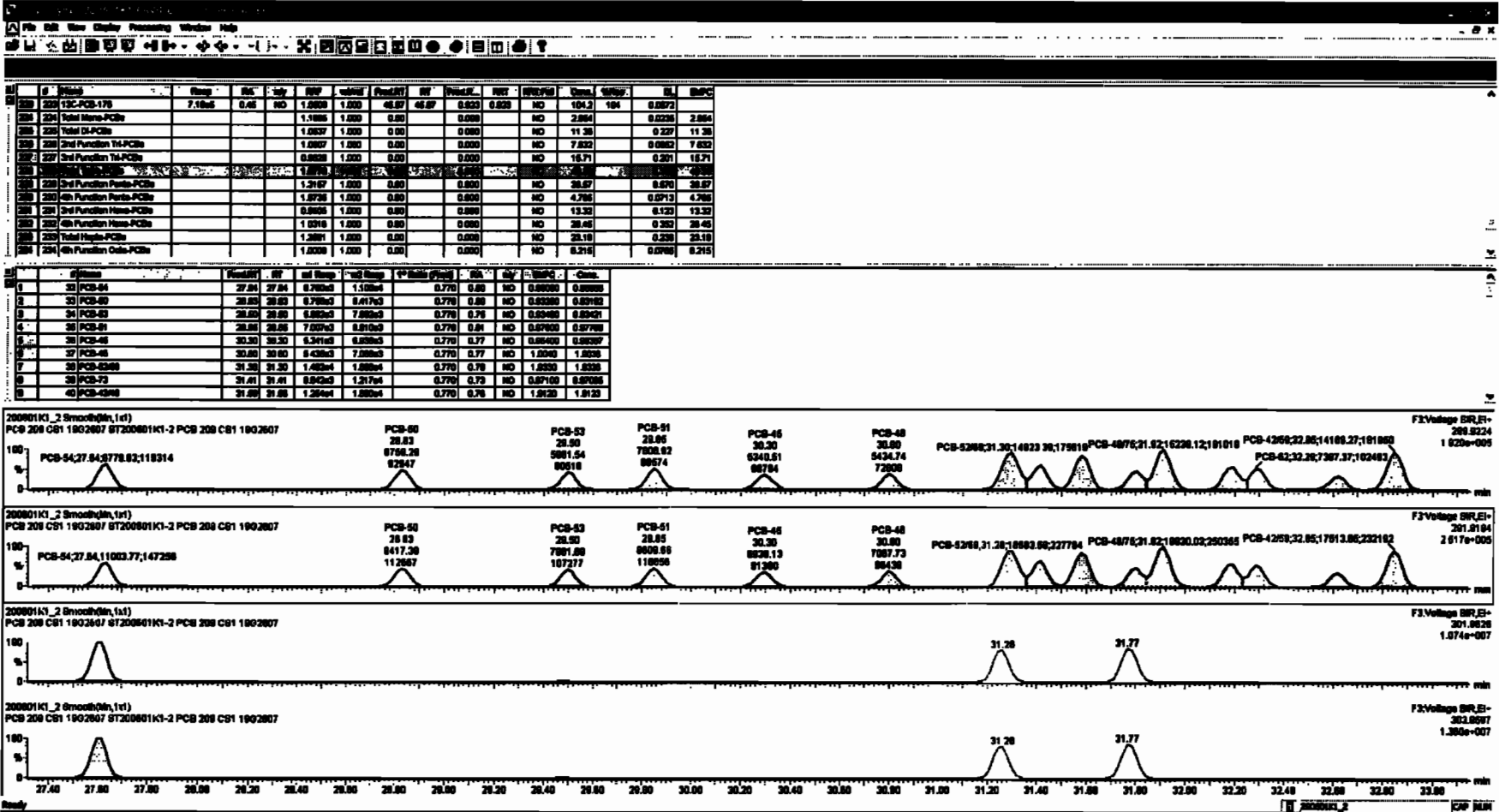
13C-PCB-52

200601K1\_2



200601K1\_2





Dataset: Untitled

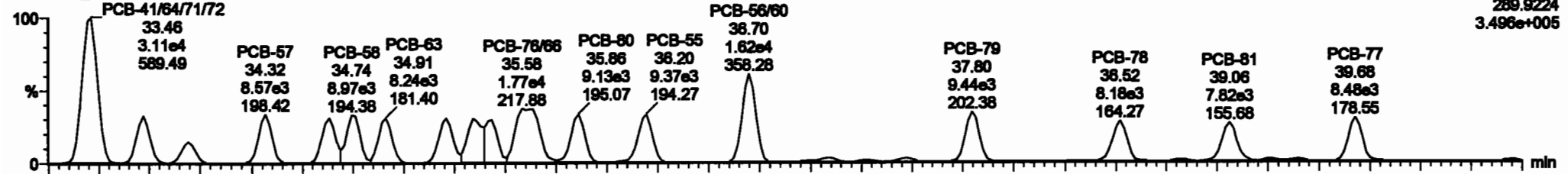
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

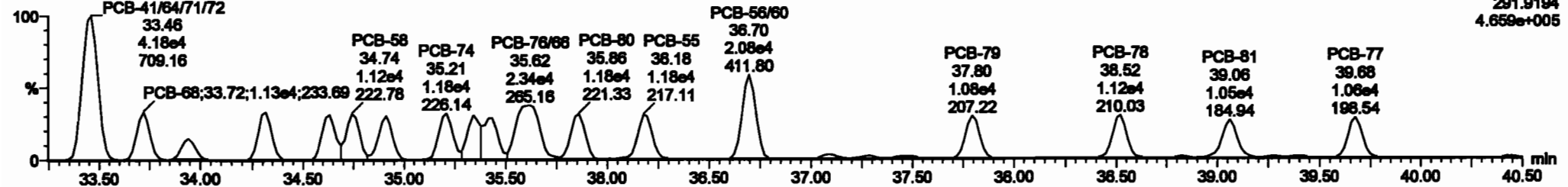
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-68

200601K1\_2

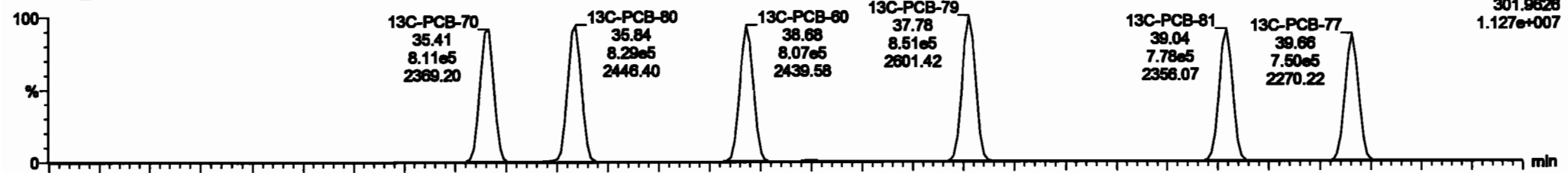


200601K1\_2

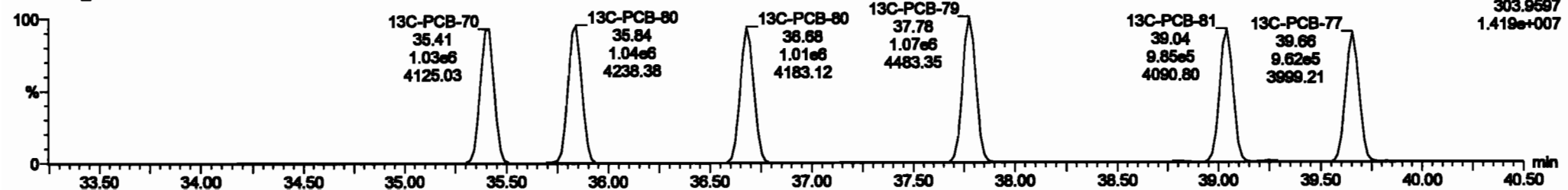


13C-PCB-60

200601K1\_2



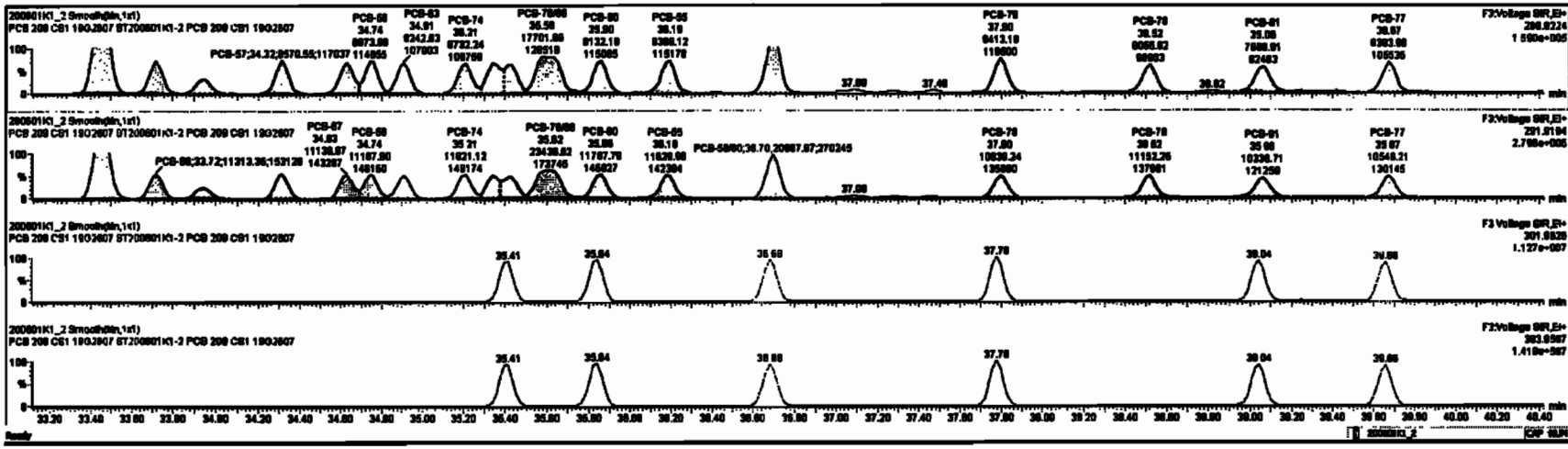
200601K1\_2





#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdA	QTY	RFV Full	Comp	Qty	SL	RFPC
220	13C-PCB-170	7.10nd	0.05	NO	1.0000	1.000	46.67	46.67	0.000	0.000	NO	104.3	104	0.0072	
221	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0238	2.884
222	Total EL-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
223	2nd Function TM-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.800		0.0000	7.800
224	2nd Function TM-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71
225	2nd Function Para-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.870	38.67
226	4th Function Para-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.788		0.0713	4.788
227	2nd Function Para-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.30		0.120	13.30
228	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.40		0.380	38.40
229	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.238	23.18
230	4th Function Para-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	8.918		0.0700	8.918	

#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdA	QTY	RFV Full	Comp	Qty	SL	RFPC
1	PCB-04	27.04	27.04	0.7800	1.0000	0.770	0.80	NO	0.00000	0.00000					
2	PCB-05	28.00	28.00	0.7800	0.4170	0.770	0.80	NO	0.00000	0.00000					
3	PCB-03	28.00	28.00	0.8000	7.8000	0.770	0.76	NO	0.00000	0.00000					
4	PCB-01	28.00	28.00	7.0000	0.0100	0.770	0.81	NO	0.00000	0.00000					
5	PCB-06	30.30	30.30	0.3400	0.0000	0.770	0.77	NO	0.00000	0.00000					
6	PCB-08	30.00	30.00	0.4300	7.0000	0.770	0.77	NO	1.00000	1.00000					
7	PCB-0200	31.20	31.20	1.4000	1.0000	0.770	0.78	NO	1.00000	1.00000					
8	PCB-22	31.01	31.01	0.0000	1.2100	0.770	0.73	NO	0.00000	0.00000					

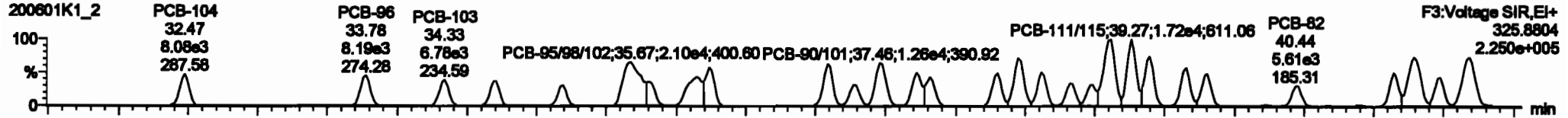


Dataset: Untitled

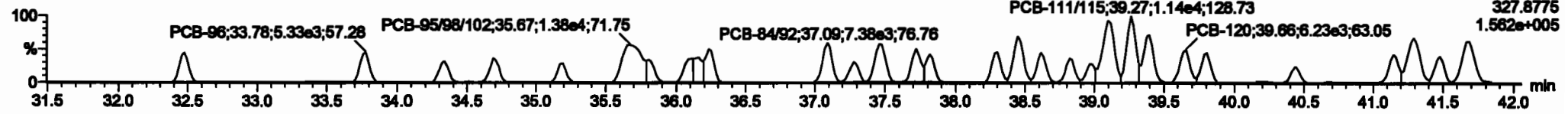
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

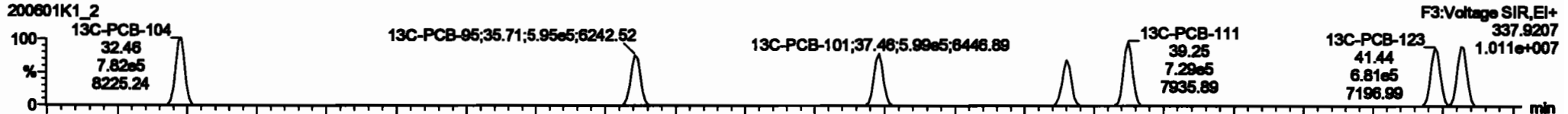
**PCB-104**



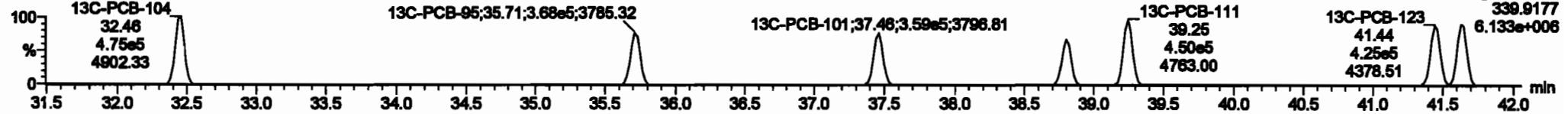
**200601K1\_2**



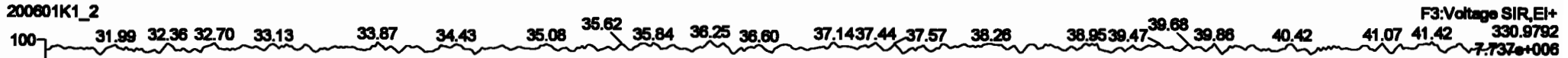
**13C-PCB-104**



**200601K1\_2**



**PFK3b**

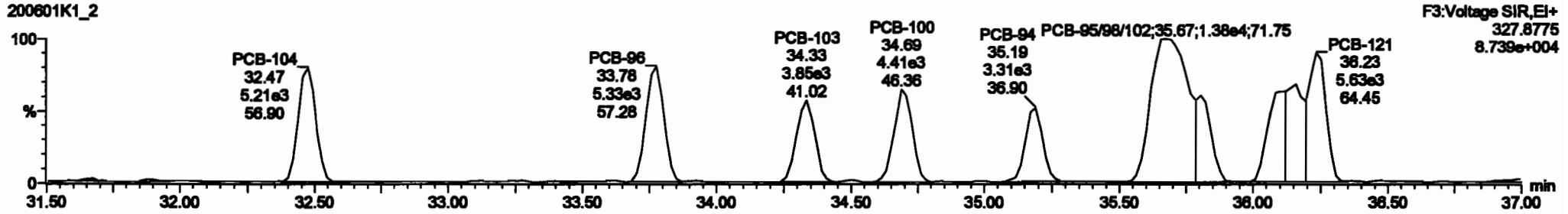
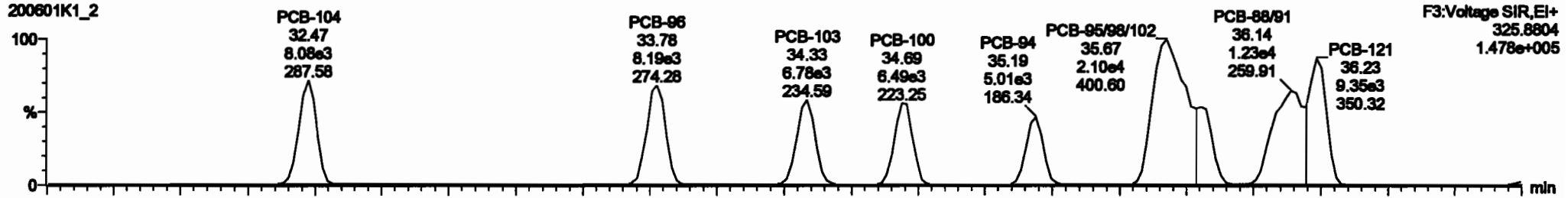


Dataset: Untitled

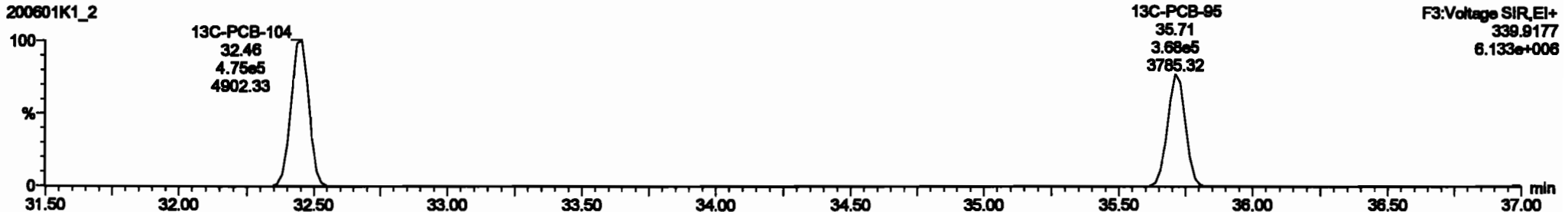
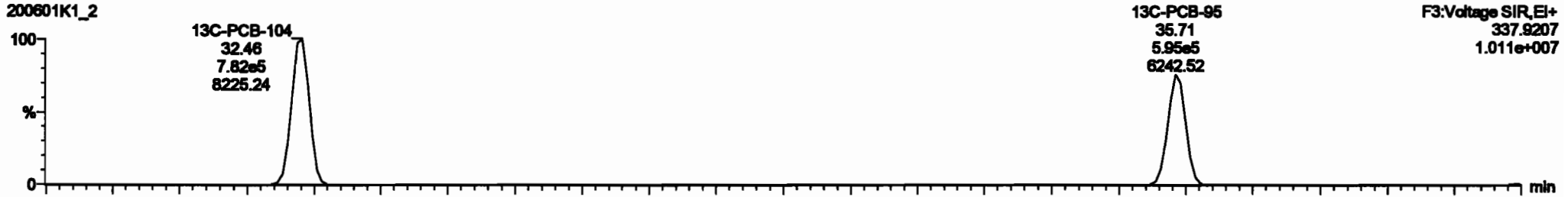
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-96

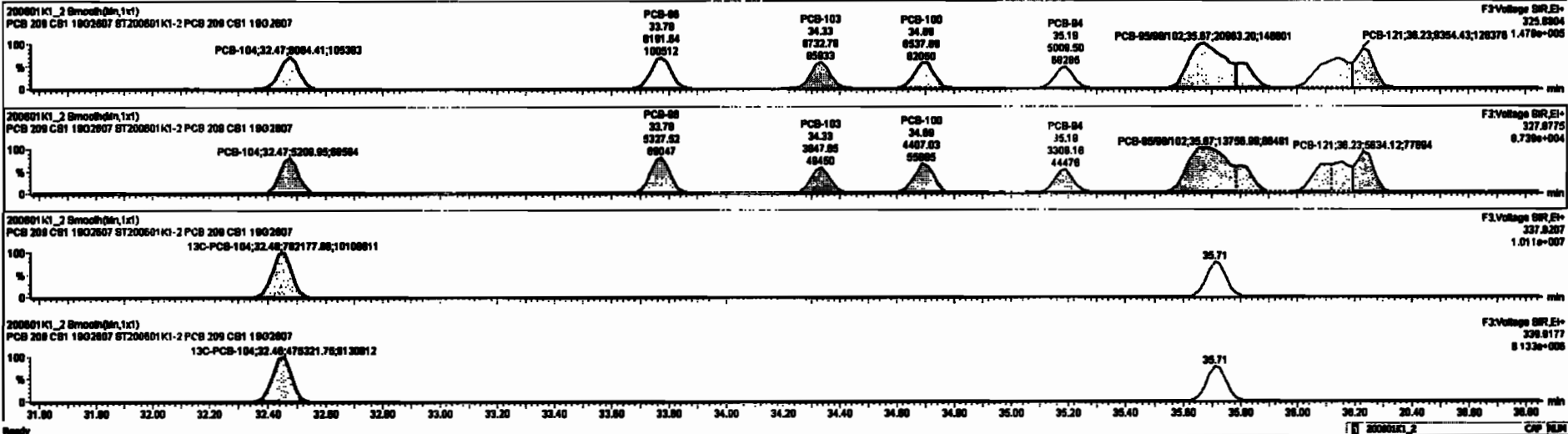


13C-PCB-95



#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	Pass%	Yield	QRT Fail	Cont.	Units	DL	EMPC
223	13C-PCB-178	7.1Inch	0.45	NO	1.2000	1.000	46.87	46.87	0.920	0.920	NO	104.2	104	0.0072	
224	Total Micro-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.864		0.0200	2.864
225	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
226	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0000	7.832
227	3rd Function Tri-PCBs				0.8820	1.000	0.00	0.00	0.000	0.000	NO	16.71		0.201	16.71
228	Total Tube-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	NO	40.30		0.302	40.30
229	4th Function Pent-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	30.07		0.0700	30.07
230	6th Function Pent-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	4.705		0.0713	4.705
231	2nd Function Hexa-PCBs				0.8800	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
232	4th Function Hexa-PCBs				1.0018	1.000	0.00	0.00	0.000	0.000	NO	26.46		0.382	26.46
233	Total Hxide-PCBs				1.3891	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.230	23.19
234	2nd 4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.0000		0.0000	0.0000

#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	Pass%	Yield	QRT Fail	Cont.	Units	DL	EMPC
64	PCB-104				32.47	32.47	0.000e0	0.210e3	1.000	1.00	NO	0.04300	0.04218		
65	PCB-88				33.70	33.70	0.102e3	0.320e3	1.000	1.04	NO	0.00200	0.00176		
66	PCB-103				34.33	34.33	0.720e3	3.000e3	1.000	1.75	NO	0.00000	0.00004		
67	PCB-100				34.88	34.88	0.030e3	4.400e3	1.000	1.48	NO	0.01300	0.01274		
68	PCB-84				35.10	35.10	0.010e3	3.300e3	1.000	1.01	NO	0.01000	0.00880		
69	PCB-8500102				35.87	35.87	2.000e4	1.370e4	1.000	1.82	NO	2.00000	2.00000		
70	PCB-80				36.70	36.70	0.200e3	3.330e3	1.000	1.80	NO	0.00700	0.00720		
71	PCB-8801				38.14	38.14	1.220e4	0.000e3	1.000	1.82	NO	1.0700	1.0701		

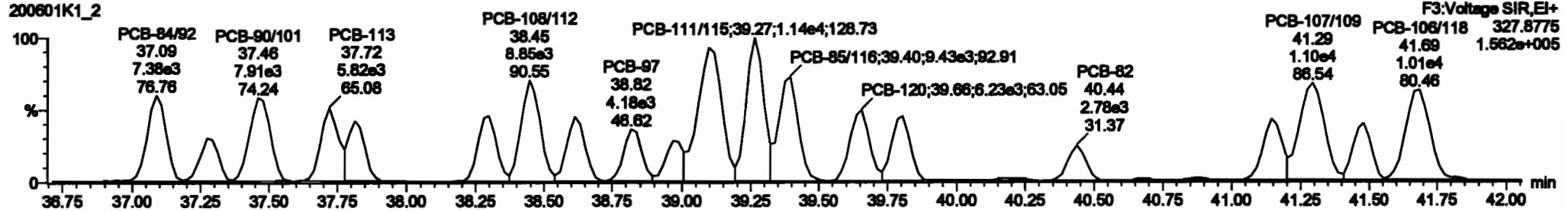
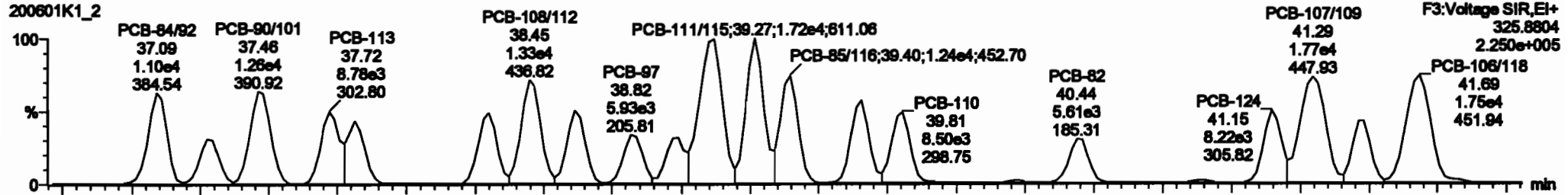


Dataset: Untitled

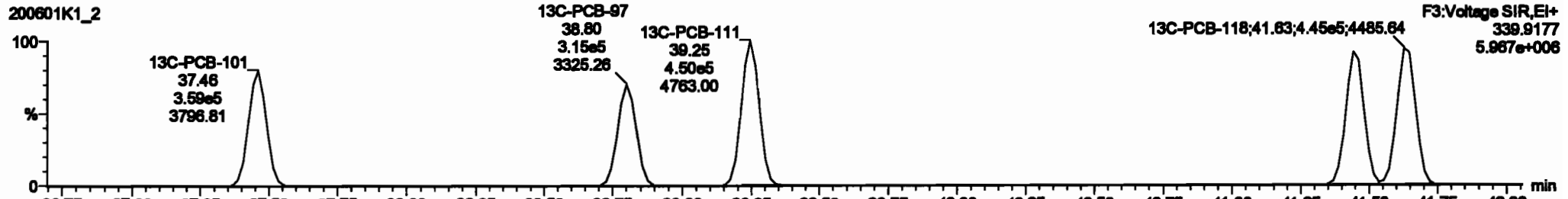
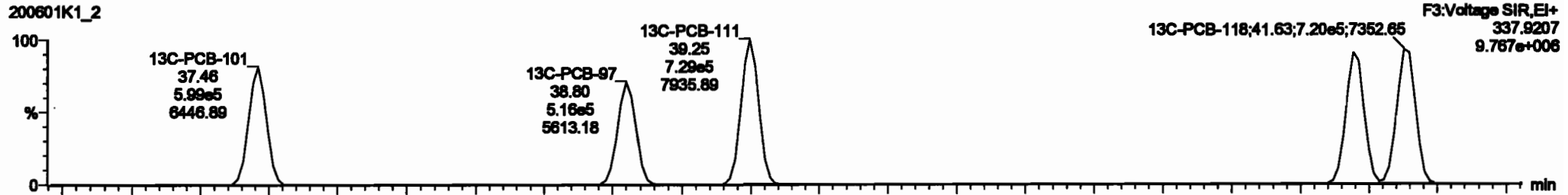
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

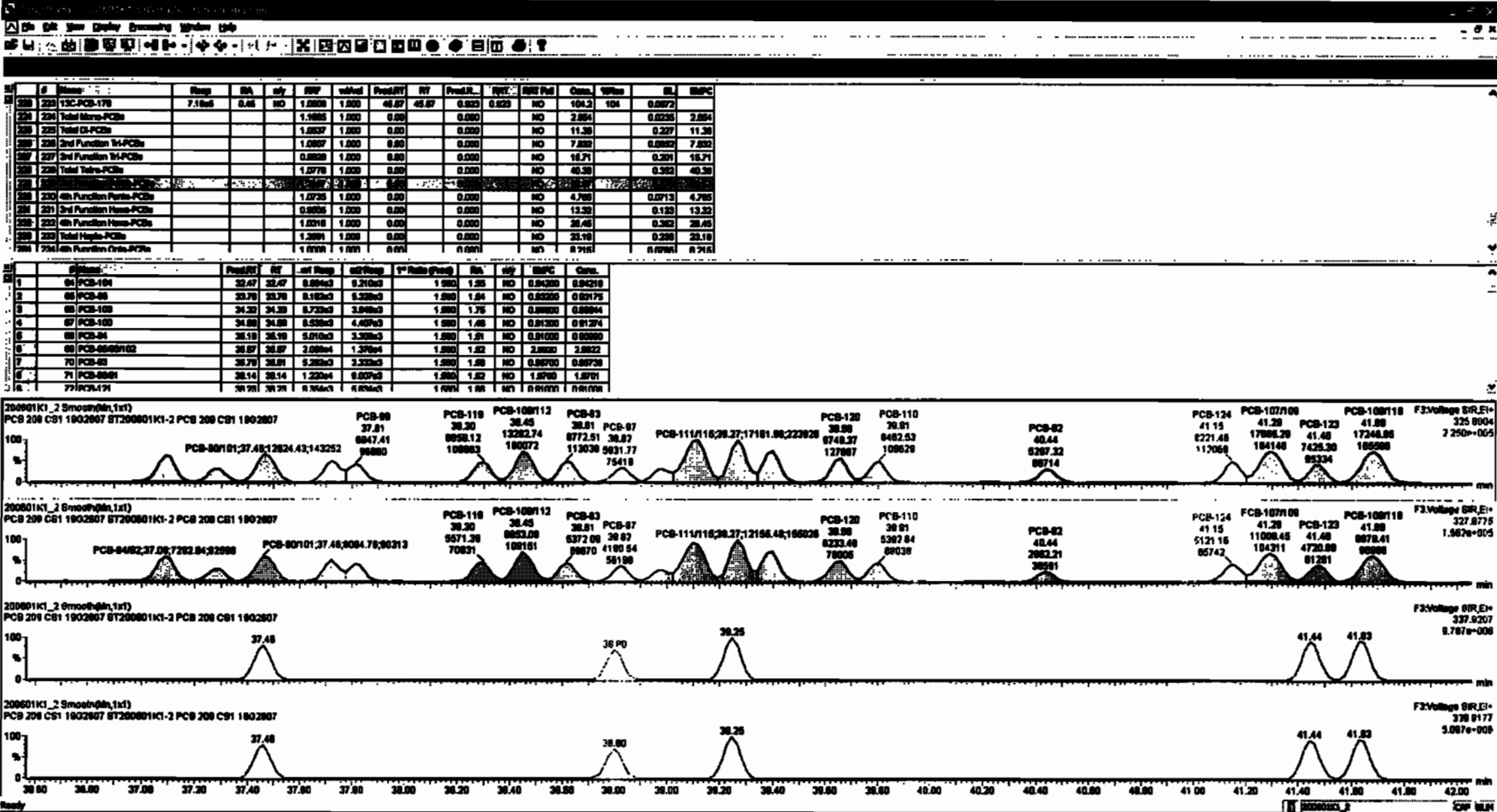
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-119



13C-PCB-111



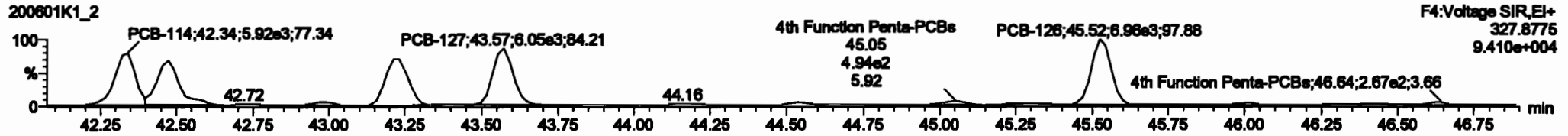
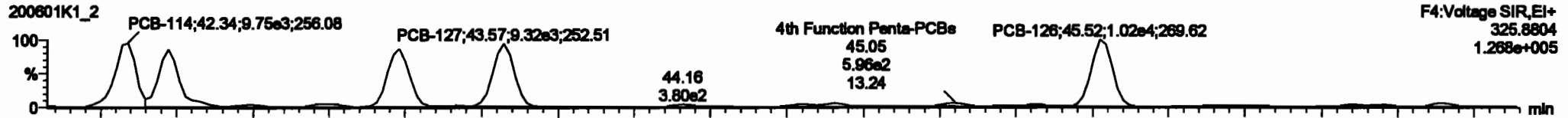


Dataset: Untitled

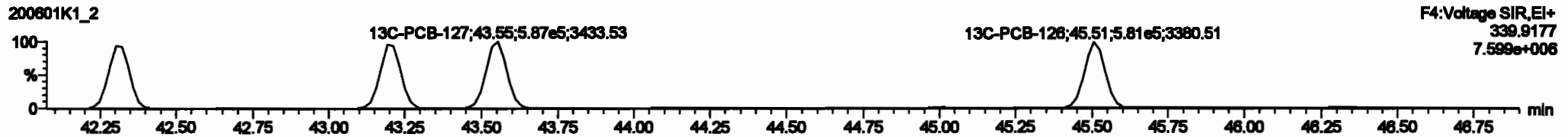
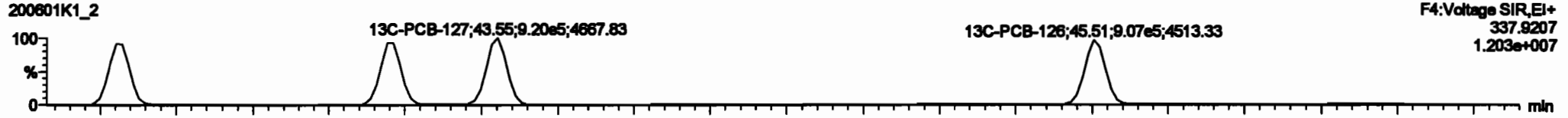
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

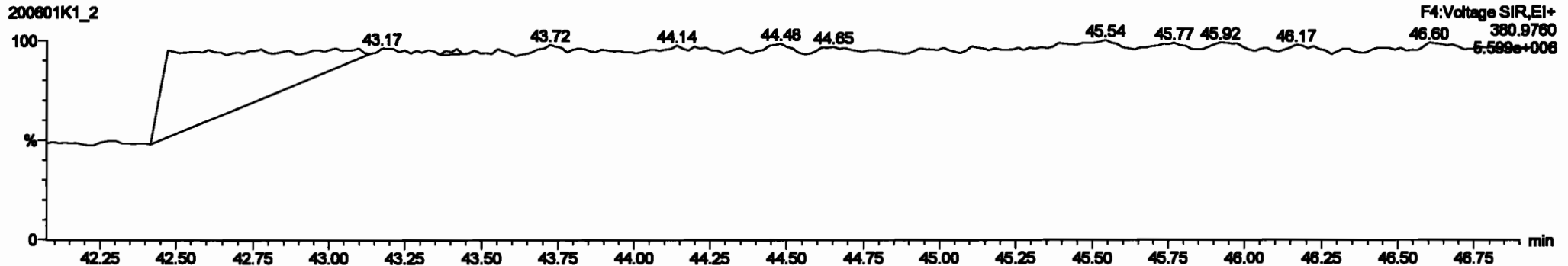
**PCB-114**



**13C-PCB-114**



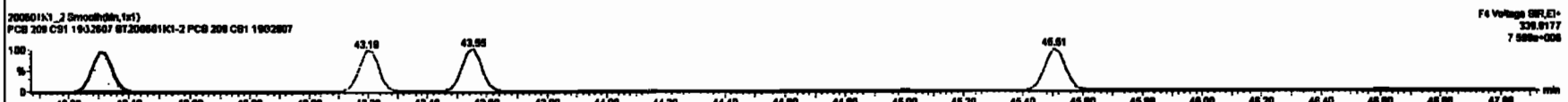
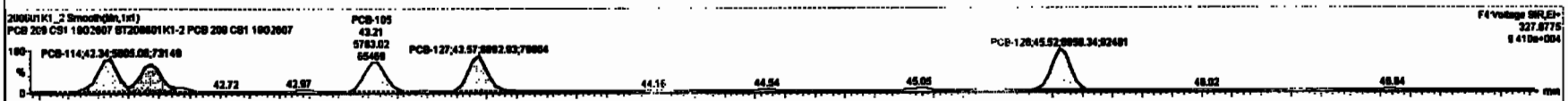
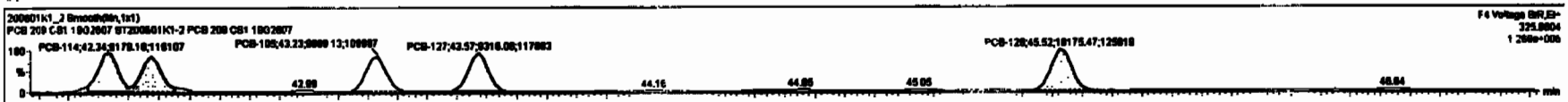
**PFK4a**





#	Name	Area	RA	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%	GC	WPC
220	12C-PCB-170	7.18e5	0.45	NO	1.0000	1.000	45.97	45.97	0.023	0.023	NO	104.2	104	0.0072	
224	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.804		0.0206	2.804
226	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.327	11.38
228	Total Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0002	7.832
229	Total Tetra-PCBs				0.0020	1.000	0.00	0.00	0.000	0.000	NO	16.71		0.301	16.71
230	Total Penta-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.302	40.38
231	Total Hexa-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.670	38.67
232	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
233	Total Octa-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.302	28.48
234	Total Non-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.10		0.320	23.10
235	Total PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.918		0.0000	8.918

#	Name	Area	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%	GC	WPC
1	53 PCB-114	42.35	42.34	0.170e3	0.020e3	1.000	1.00	NO	0.00100	0.00002				
2	54 PCB-122	42.47	42.47	0.200e3	0.111e3	1.000	1.00	NO	0.00700	0.00001				
3	68 PCB-108	43.31	43.23	0.000e3	0.703e3	1.000	1.00	NO	0.00700	0.00011				
4	69 PCB-127	43.97	43.97	0.310e3	0.003e3	1.000	1.00	NO	0.00000	0.00032				
5	67 PCB-128	45.82	45.82	1.010e4	0.000e3	1.000	1.00	NO	0.00200	0.00210				



Dataset: Untitled

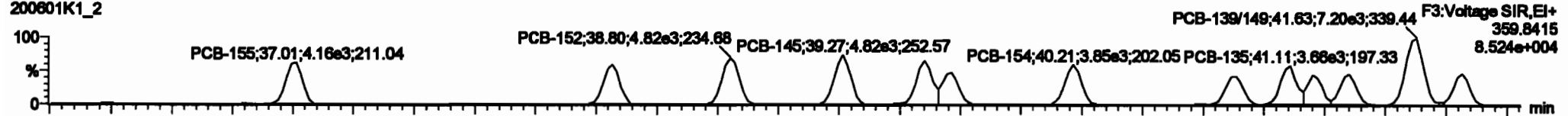
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

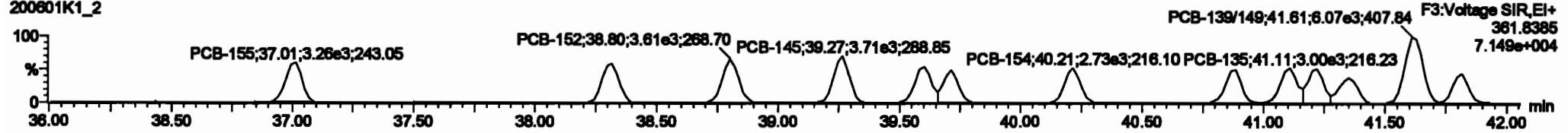
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-155**

200601K1\_2

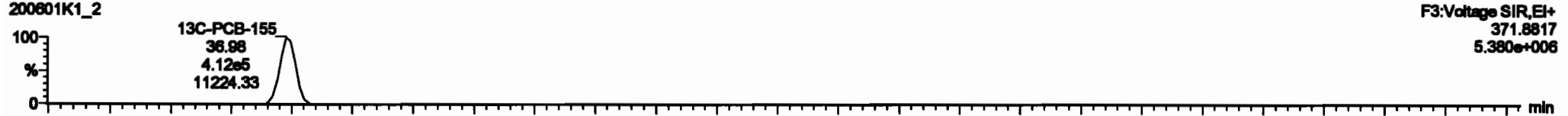


200601K1\_2

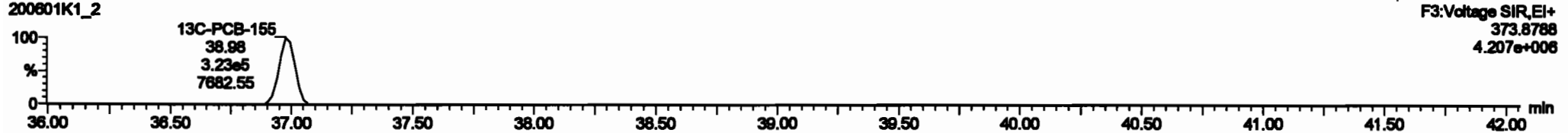


**13C-PCB-155**

200601K1\_2

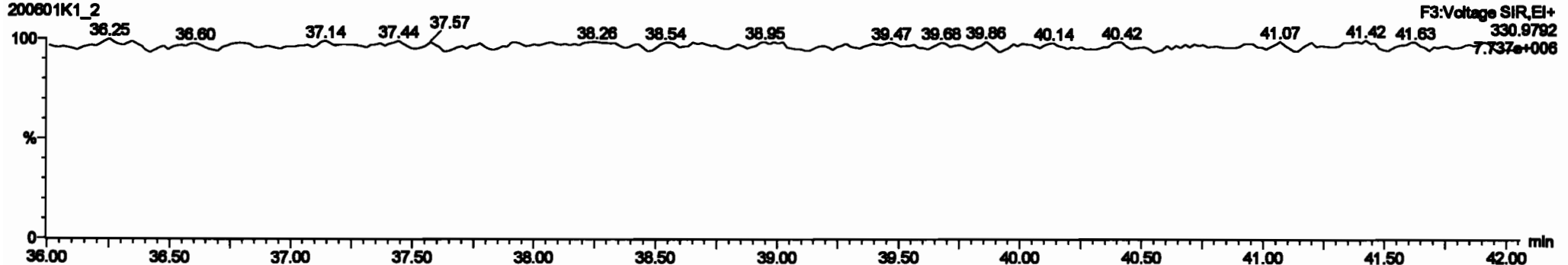


200601K1\_2



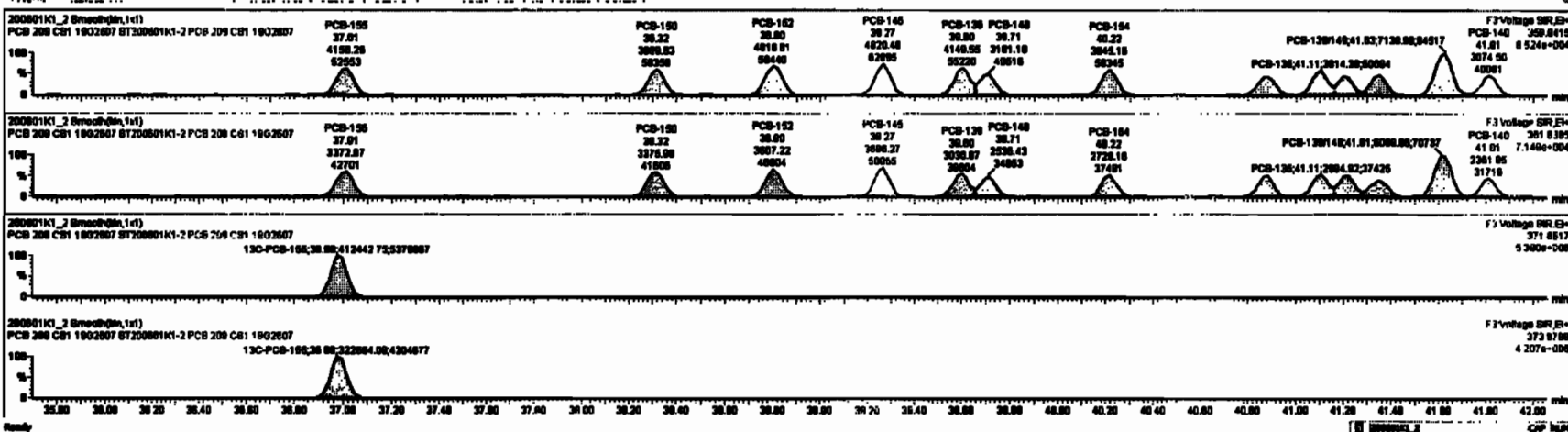
**PFK3c**

200601K1\_2



#	Name	Range	Min	Max	PPM	Volts	Preval	Postval	Preval	Postval	Volts	Preval	Postval	Volts	Preval	Postval	Volts	Preval	Postval
220	13C-PCB-178	7.18ud	0.45	ND	1.0000	1.000	46.67	46.67	0.000	0.000	ND	104.2	104	0.0072					
224	Total Mono-PCBs				1.1895	1.000	0.00	0.00	0.000	0.000	ND	2.894		0.0236	2.894				
226	Total Di-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	ND	11.30		0.207	11.30				
228	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	ND	7.830		0.0000	7.830				
227	2nd Function Tetra-PCBs				0.0028	1.000	0.00	0.00	0.000	0.000	ND	16.71		0.201	16.71				
229	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	ND	48.30		0.362	48.30				
230	2nd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	ND	38.57		0.076	38.57				
231	2nd Function Hexa-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	ND	4.788		0.0712	4.788				
232	2nd Function Hepta-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	ND	0.000		0.000	0.000				
233	Total Mono-PCBs				1.0718	1.000	0.00	0.00	0.000	0.000	ND	28.40		0.202	28.40				
234	Total Di-PCBs				1.0001	1.000	0.00	0.00	0.000	0.000	ND	23.18		0.228	23.18				
235	2nd Function Octa-PCBs				1.0708	1.000	0.00	0.00	0.000	0.000	ND	8.718		0.0760	8.718				

#	Name	Preval	Post	Volts	Volts	Preval	Post	Volts	Volts	Preval	Post	Volts	Volts
88	PCB-188	38.88	37.81	4.188e3	3.272e3	1.240	1.29	ND	0.89180	0.89137			
89	PCB-189	38.33	38.33	3.888e3	3.376e3	1.240	1.18	ND	0.91280	0.91238			
90	PCB-190	38.88	38.88	4.817e3	3.807e3	1.240	1.24	ND	0.88880	0.88881			
91	PCB-145	38.27	38.27	4.828e3	3.888e3	1.240	1.21	ND	0.87480	0.87388			
92	PCB-128	38.88	38.88	4.188e3	3.81e3	1.240	1.27	ND	0.89080	0.88978			
93	PCB-148	38.71	38.71	3.188e3	2.588e3	1.240	1.28	ND	0.89880	0.89888			
94	PCB-158	48.21	48.21	3.888e3	2.788e3	1.240	1.41	ND	0.87280	0.87218			
95	PCB-168	48.88	48.88	3.888e3	2.888e3	1.240	1.16	ND	1.00010	1.00008			
96	PCB-138	41.11	41.11	3.814e3	2.888e3	1.240	1.27	ND	1.00040	1.00044			

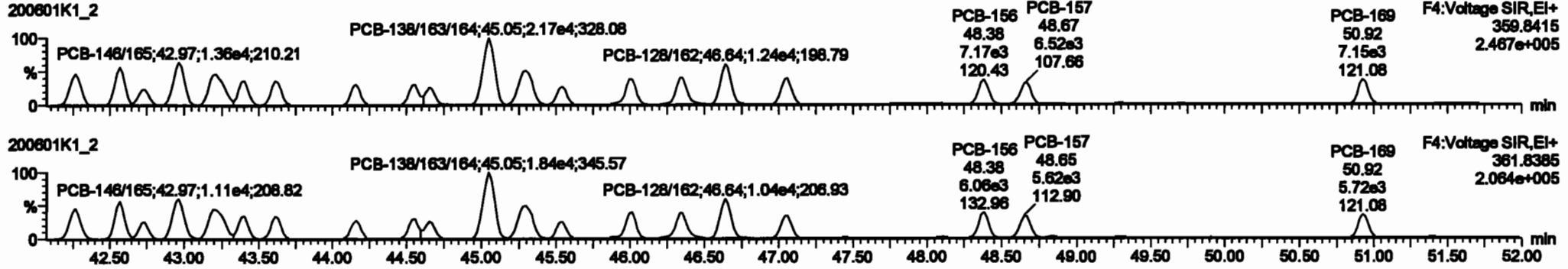


Dataset: Untitled

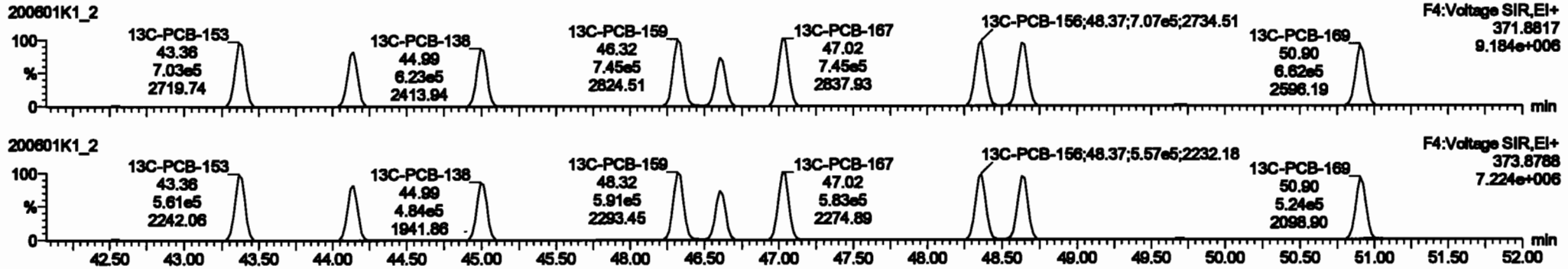
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

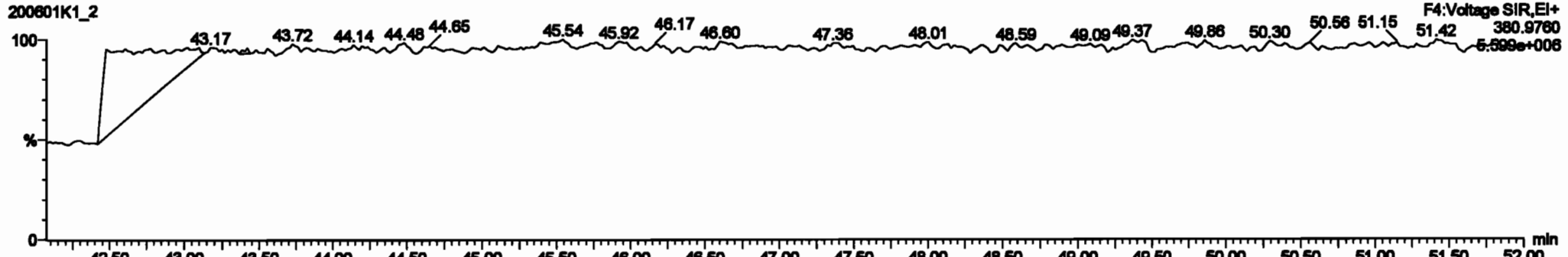
PCB-134/143



13C-PCB-153



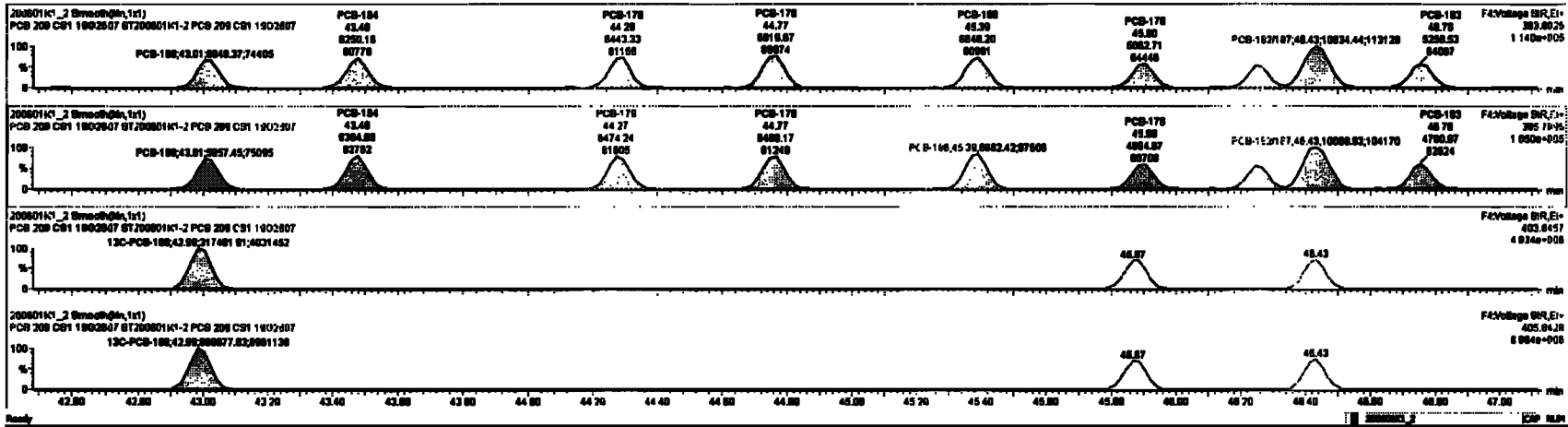
PFK4b





#	Name	Rate	RA	sq	SP	Unit	Peak	RT	Peak	RT	Peak	RT	Area	Unit	IC	IMP
220	13C-PCB-178	7.16e4	0.48	NO	1.0000	1.000	46.87	46.87	0.920	0.920	NO	2.894	104	0.8972		
221	Total Micro-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.894		0.8972	2.894	
222	Total EI-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.297	11.38	
223	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	7.859		0.8982	7.859	
224	2nd Function Tri-PCBs				0.9999	1.000	0.00	0.00	0.000	0.000	NO	48.71		0.291	18.71	
225	Total Tetra-PCBs				1.0078	1.000	0.00	0.00	0.000	0.000	NO	48.38		0.292	48.38	
226	2nd Function Penta-PCBs				1.2157	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.676	38.67	
227	4th Function Penta-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.705		0.8713	4.705	
228	2nd Function Hexa-PCBs				0.9998	1.000	0.00	0.00	0.000	0.000	NO	13.33		0.420	13.33	
229	4th Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
230	Total Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
231	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
232	Total Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
233	Total Non-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
234	Total Deca-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
235	Total Undeca-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	
236	Total Dodeca-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	28.48		0.282	28.48	

#	Name	Peak	RT	Area	Unit	IC	IMP	Area		
131	PCB-184	43.83	43.83	0.040e3	0.000e0	1.000	1.01	NO	0.91000	0.91000
132	PCB-184	43.48	43.48	0.200e3	0.200e0	1.000	0.98	NO	1.00000	1.00000
133	PCB-178	44.27	44.28	0.400e3	0.400e0	1.000	1.00	NO	0.87000	0.87000
134	PCB-178	44.24	44.77	0.800e3	0.800e0	1.000	1.00	NO	1.00000	1.00000
135	PCB-188	46.38	46.38	0.040e3	0.000e0	1.000	0.98	NO	1.00000	1.00000
136	PCB-178	46.80	46.80	1.000e3	1.000e0	1.000	1.00	NO	1.00000	1.00000
137	PCB-178	46.24	46.24	4.000e3	4.000e0	1.000	1.01	NO	0.83000	0.83000
138	PCB-188/187	46.42	46.43	1.000e3	1.000e0	1.000	1.00	NO	1.9110	1.9110
139	PCB-183	48.78	48.78	0.200e3	0.200e0	1.000	1.12	NO	0.88000	0.88000



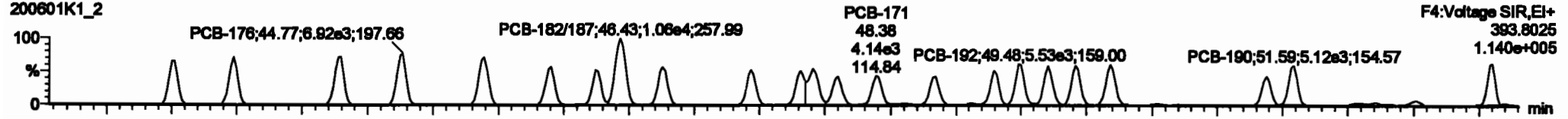
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

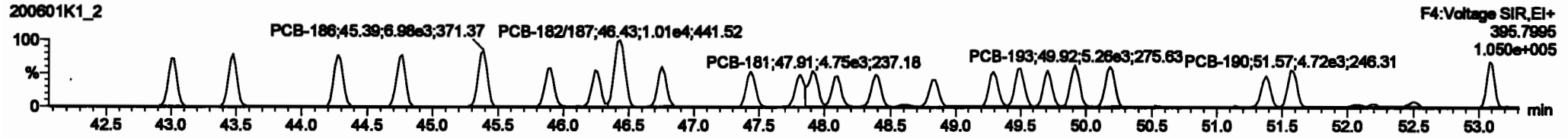
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-188**

200601K1\_2

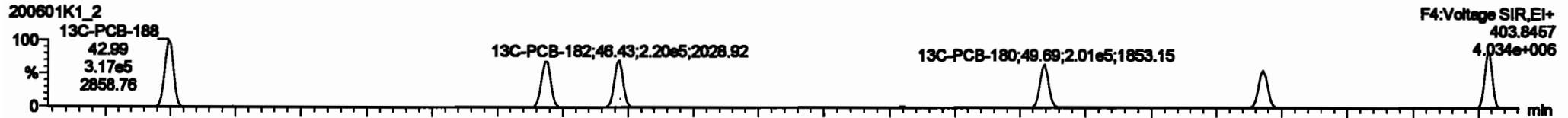


200601K1\_2

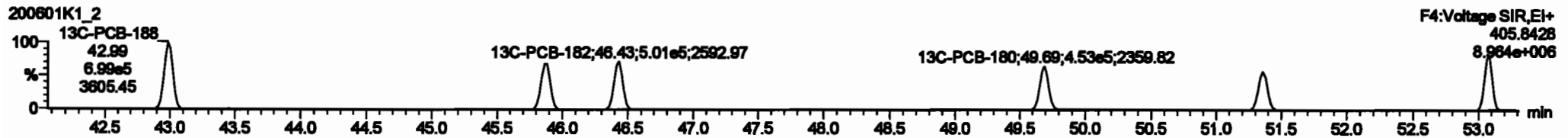


**13C-PCB-188**

200601K1\_2

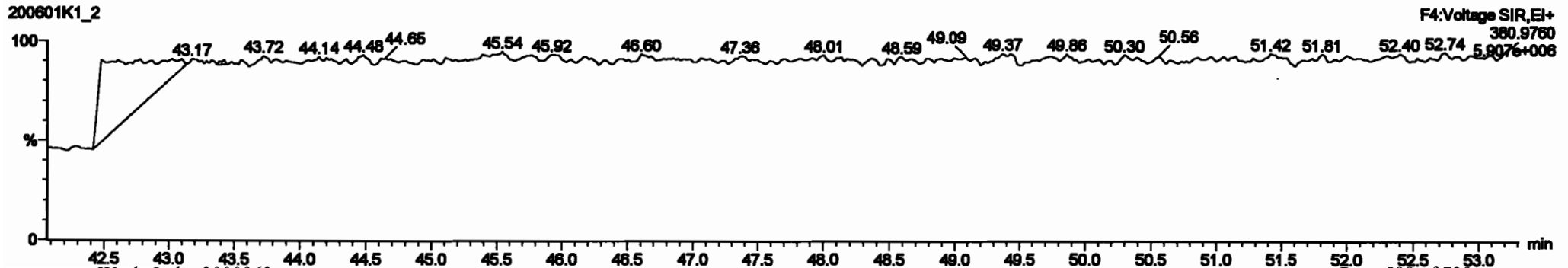


200601K1\_2



**PFK4c**

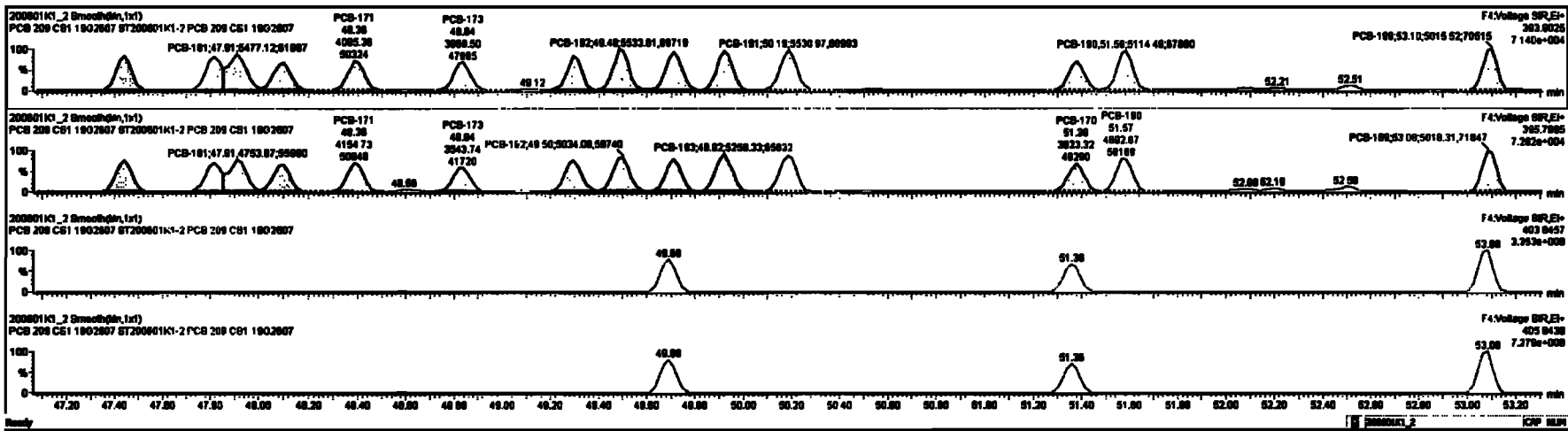
200601K1\_2





Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
220	134.00	7.10e5	0.45	ND	1.0000	1.000	46.87	46.87	0.000	0.000	ND	104.2	104	0.0072
221	204	Total Mono-PCBs			1.1885	1.000	0.00	0.000	ND	2.884	0.0000	2.884		
222	205	Total Di-PCBs			1.0537	1.000	0.00	0.000	ND	11.38	0.0000	11.38		
223	206	2nd Function Tri-PCBs			1.0667	1.000	0.00	0.000	ND	7.632	0.0000	7.632		
224	207	3rd Function Tri-PCBs			0.8528	1.000	0.00	0.000	ND	16.71	0.0000	16.71		
225	208	Total Tetra-PCBs			1.0778	1.000	0.00	0.000	ND	40.38	0.0000	40.38		
226	209	2nd Function Penta-PCBs			1.2167	1.000	0.00	0.000	ND	39.97	0.0000	39.97		
227	210	4th Function Penta-PCBs			1.0735	1.000	0.00	0.000	ND	4.785	0.0000	4.785		
228	211	3rd Function Hexa-PCBs			0.8805	1.000	0.00	0.000	ND	13.32	0.0000	13.32		
229	212	4th Function Hexa-PCBs			1.0518	1.000	0.00	0.000	ND	28.46	0.0000	28.46		
230	213	5th Function Octa-PCBs			1.2228	1.000	0.00	0.000	ND	33.16	0.0000	33.16		
231	214	6th Function Octa-PCBs			1.0978	1.000	0.00	0.000	ND	8.916	0.0000	8.916		

Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
131	PCB-168	43.03	43.01	0.00e0	0.00e0	1.000	1.01	ND	0.01000	0.01021				
132	PCB-164	43.48	43.48	0.20e0	0.20e0	1.000	0.98	ND	1.0000	1.0000				
133	PCB-178	44.27	44.28	0.44e0	0.47e0	1.000	1.00	ND	0.99988	0.99934				
134	PCB-176	44.74	44.77	0.82e0	0.48e0	1.000	1.07	ND	1.0070	1.0086				
135	PCB-168	46.28	46.28	0.00e0	0.00e0	1.000	0.98	ND	1.0000	1.0079				
136	PCB-178	46.88	46.88	0.00e0	4.88e0	1.000	1.00	ND	1.0000	1.0088				
137	PCB-176	48.24	48.24	4.88e0	4.88e0	1.000	1.01	ND	0.99400	0.92988				
138	PCB-182/187	48.42	48.42	1.00e0	1.00e0	1.000	1.08	ND	1.0110	1.0110				
139	PCB-183	48.78	48.78	0.20e0	4.70e0	1.000	1.12	ND	0.98800	0.88807				



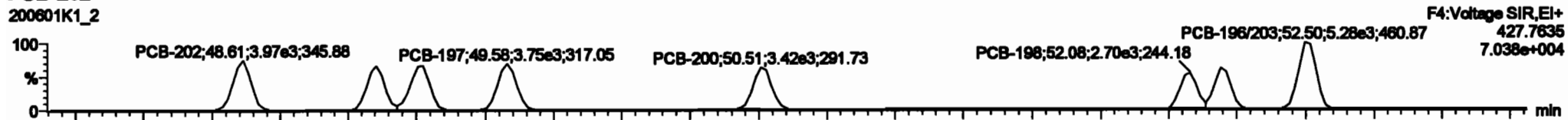
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

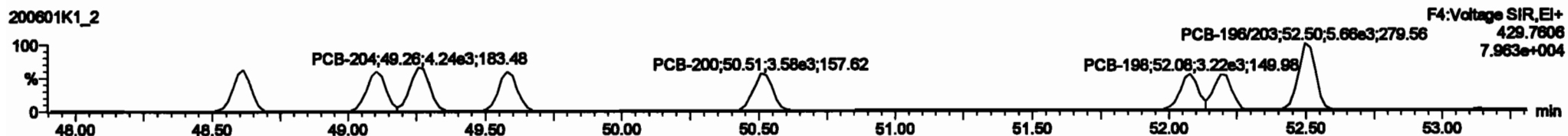
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-202**

200601K1\_2



200601K1\_2

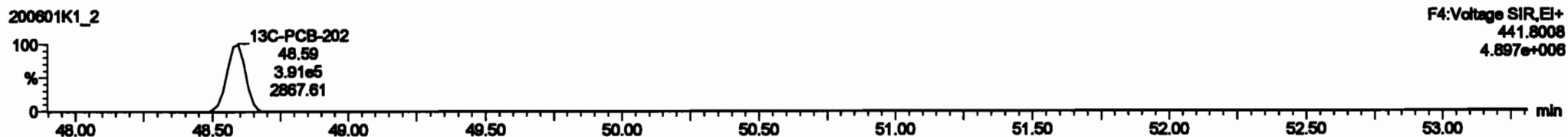


**13C-PCB-202**

200601K1\_2

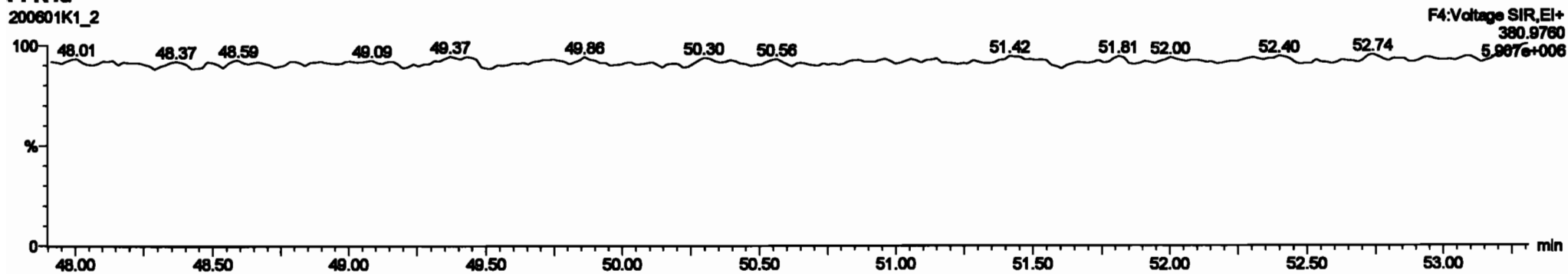


200601K1\_2



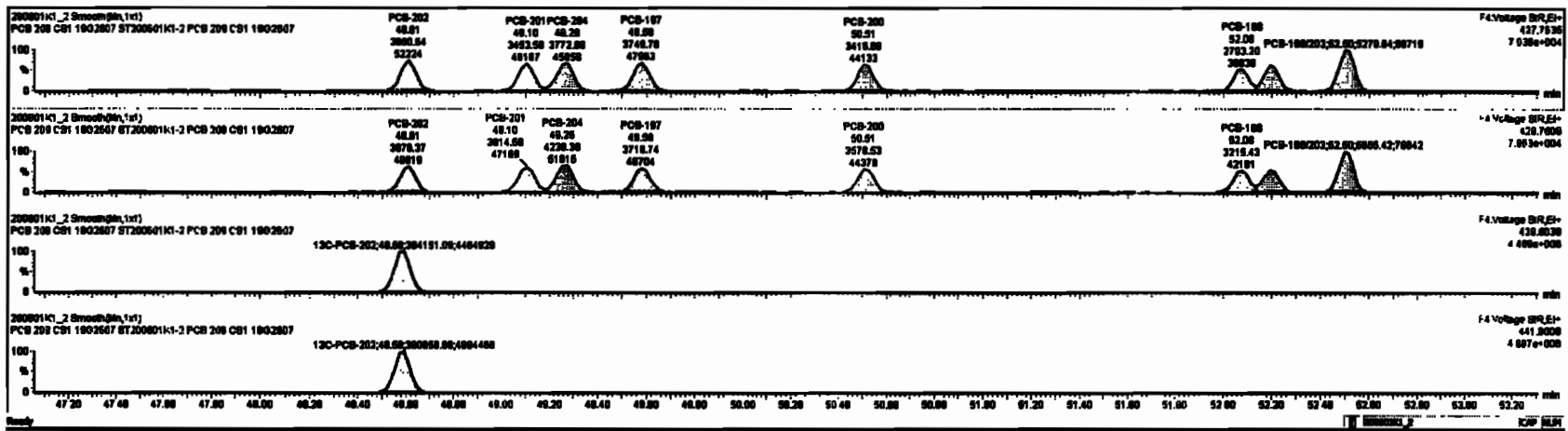
**PFK4d**

200601K1\_2



#	Area	Range	Off	Qty	Unit	Prod	Off	Prod	Off	Prod	Off	Prod	Off	Prod	Off	Prod	Off	Prod	Off
223	13C-PCB-179	7.16e3	0.46	NO		1.5880	1.800	48.07	48.07	0.020	0.020	NO	104.2	104	0.0072				
224	Total Mono-PCBs					1.5880	1.800	0.00	0.00	0.000	0.000	NO	2.884		0.0200	2.884			
225	Total Di-PCBs					1.8807	1.800	0.00	0.00	0.000	0.000	NO	11.30		0.2207	11.30			
226	Total Tri-PCBs					1.8807	1.800	0.00	0.00	0.000	0.000	NO	7.800		0.0000	7.800			
227	2nd Purified Tri-PCBs					0.8828	1.800	0.00	0.00	0.000	0.000	NO	16.71		0.201	16.71			
228	Total Tetra-PCBs					1.8778	1.800	0.00	0.00	0.000	0.000	NO	49.30		0.380	49.30			
229	2nd Purified Tetra-PCBs					1.3187	1.800	0.00	0.00	0.000	0.000	NO	38.87		0.870	38.87			
230	4th Purified Tetra-PCBs					1.8728	1.800	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785			
231	2nd Purified Mono-PCBs					0.8888	1.800	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32			
232	4th Purified Mono-PCBs					1.8818	1.800	0.00	0.00	0.000	0.000	NO	28.48		0.3807	28.48			
233	Total Hexa-PCBs					1.2881	1.800	0.00	0.00	0.000	0.000	NO	23.10		0.230	23.10			
234	Total Octa-PCBs					1.888888888	1.800	0.00	0.00	0.000	0.000	NO	4.1982		0.0407	4.1982			

#	Area	Prod	Off	Unit	Prod	Off	Unit	Prod	Off	Unit	Prod	Off	Unit
1	194 PCB-202	48.83	48.81	3.891e3	3.878e3	0.000	1.00	NO	0.88000	0.88700			
2	198 PCB-201	48.10	48.10	3.864e3	3.818e3	0.000	0.00	NO	0.81800	0.81488			
3	198 PCB-204	48.20	48.20	3.772e3	4.238e3	0.000	0.00	NO	0.85000	0.85000			
4	197 PCB-197	48.80	48.80	3.718e3	3.718e3	0.000	1.00	NO	0.87400	0.87288			
5	198 PCB-200	82.01	82.01	3.871e3	3.871e3	0.000	0.00	NO	0.88000	0.88000			
6	198 PCB-198	82.00	82.00	3.782e3	3.718e3	0.000	0.04	NO	0.88000	0.88778			
7	198 PCB-199	82.10	82.10	3.824e3	3.748e3	0.000	0.00	NO	1.5278	1.5288			
8	191 PCB-198200	82.83	82.83	6.380e3	6.888e3	0.000	0.00	NO	1.7288	1.7284			



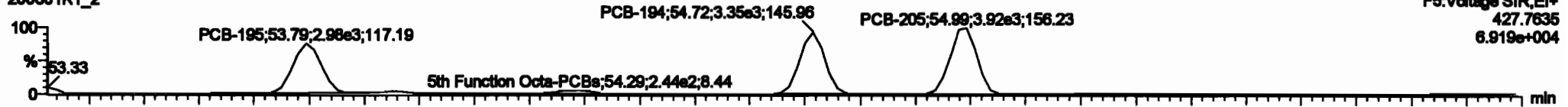
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

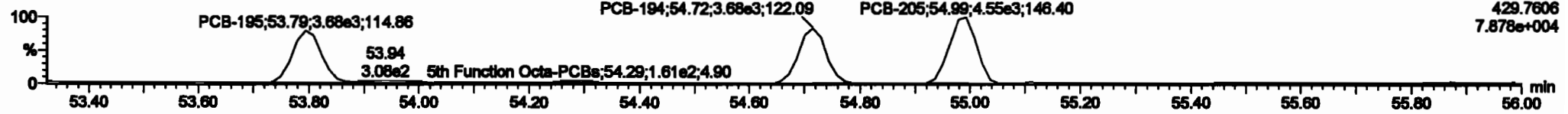
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-195**

200601K1\_2

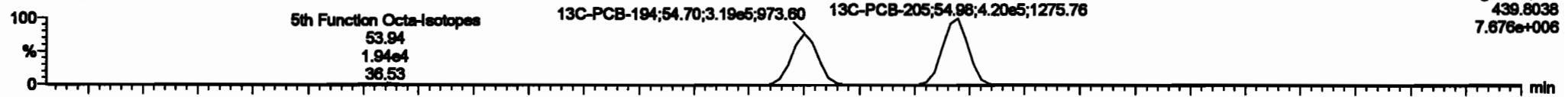


200601K1\_2

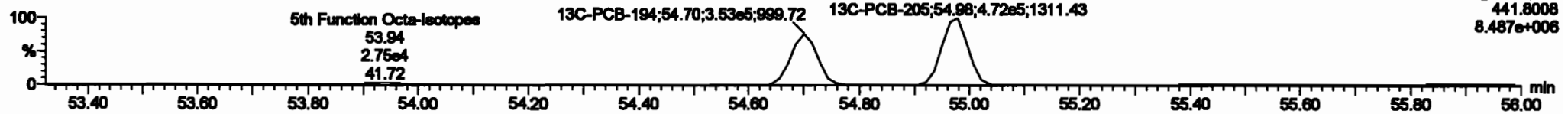


**13C-PCB-194**

200601K1\_2

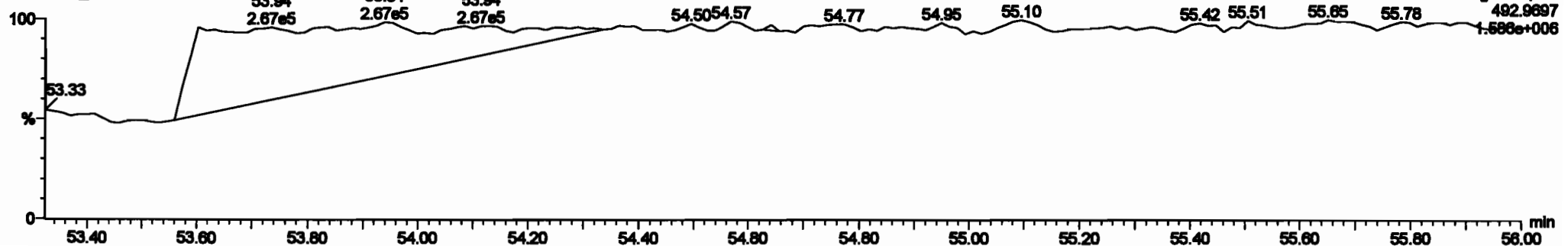


200601K1\_2



**PFK5a**

200601K1\_2



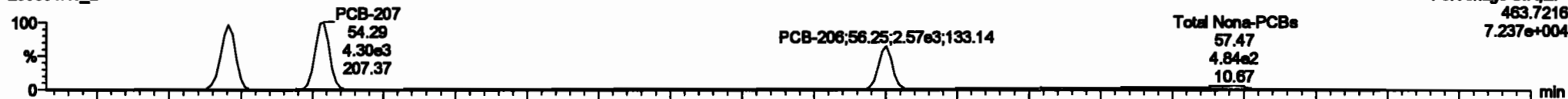
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

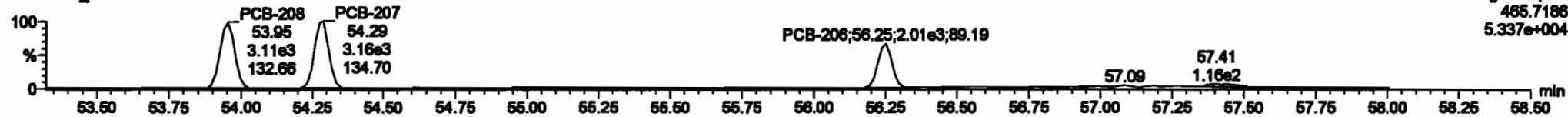
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

PCB-208

200601K1\_2

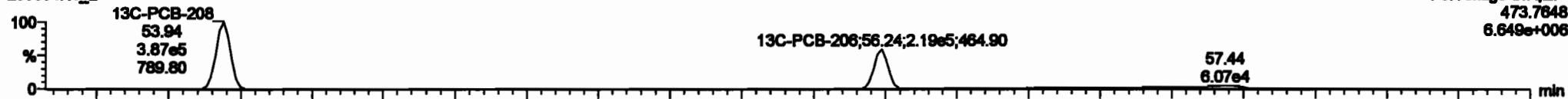


200601K1\_2

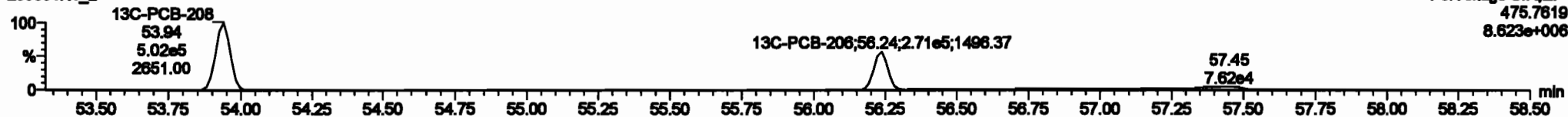


13C-PCB-208

200601K1\_2

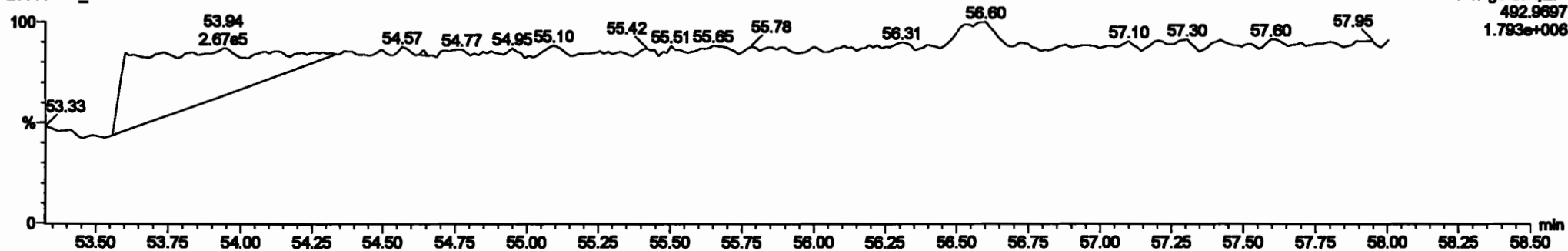


200601K1\_2



PFK5

200601K1\_2



Dataset: Untitled

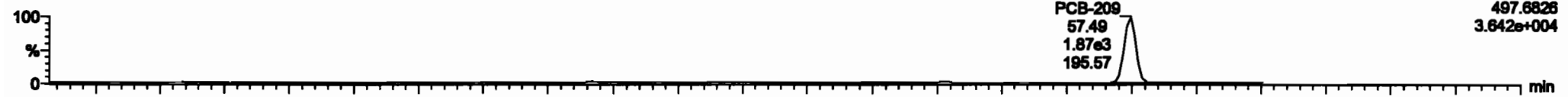
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

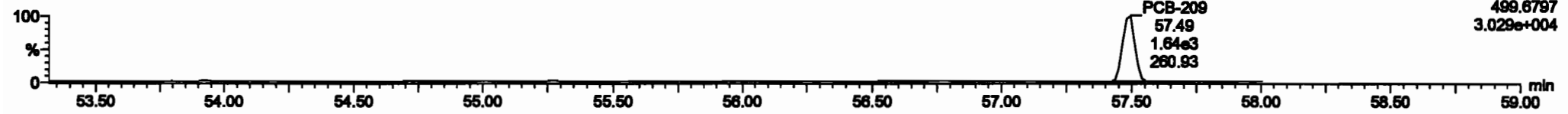
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-209**

200601K1\_2

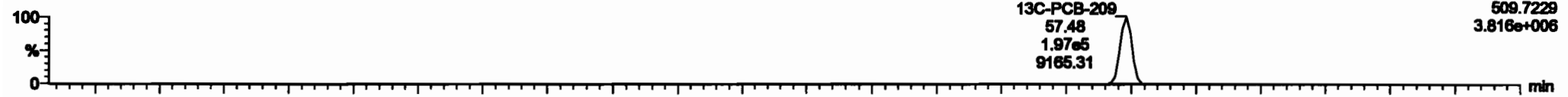


200601K1\_2

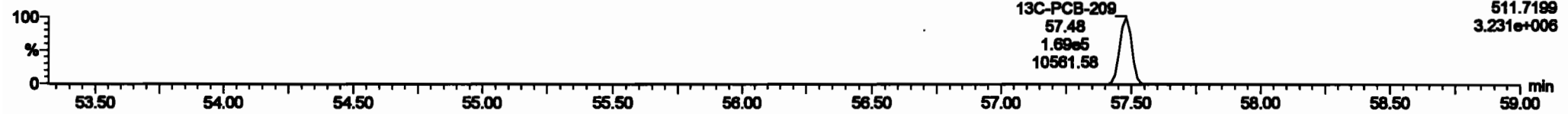


**13C-PCB-209**

200601K1\_2

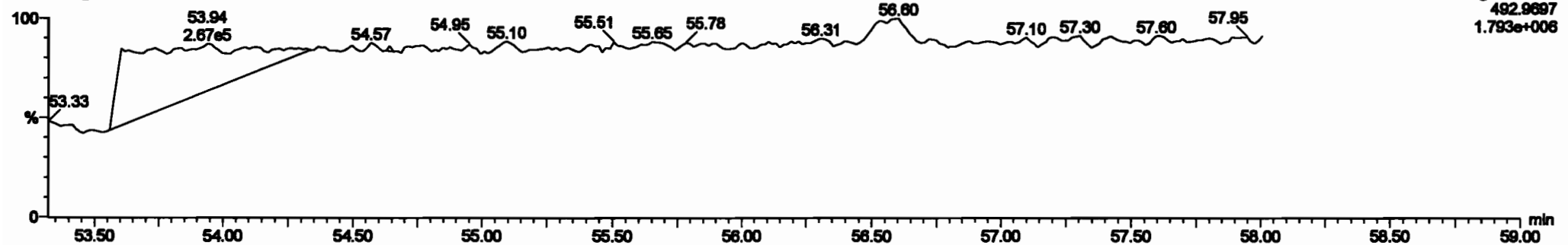


200601K1\_2



**PFK5b**

200601K1\_2



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

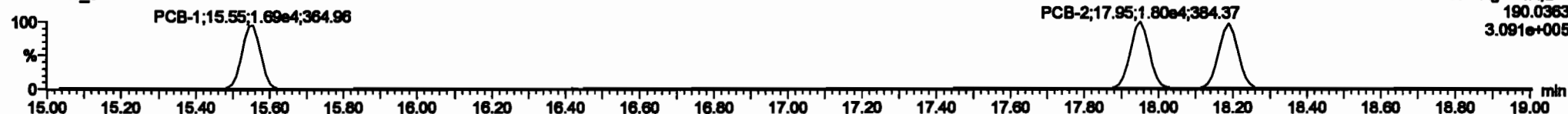
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-1**

200601K1\_3



200601K1\_3

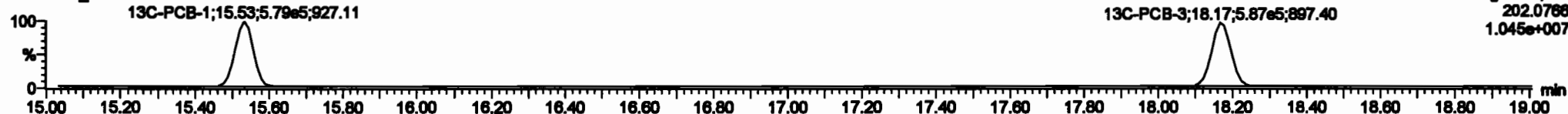


**13C-PCB-1**

200601K1\_3

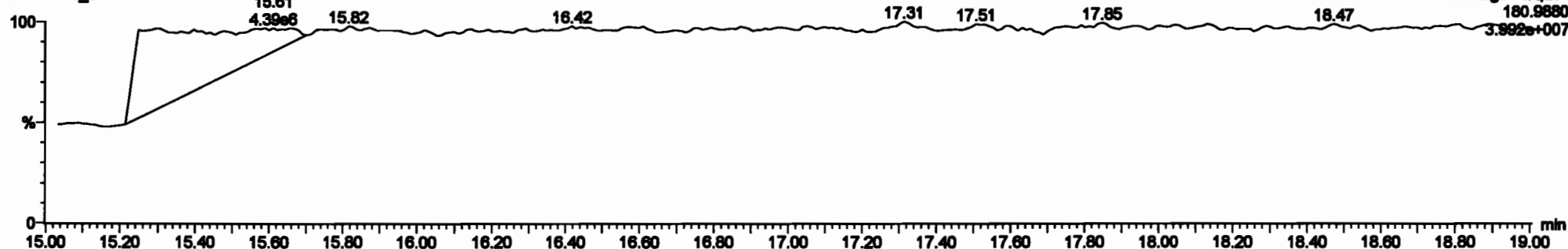


200601K1\_3



**PFK1**

200601K1\_3





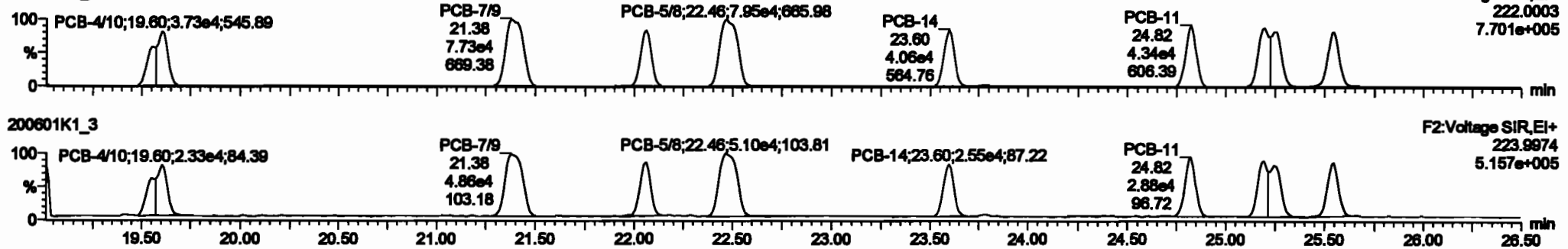
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

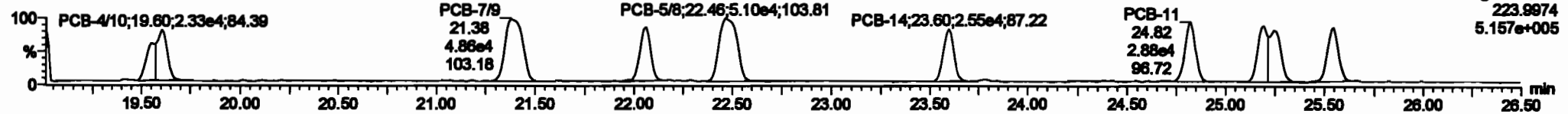
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-4/10**

200601K1\_3

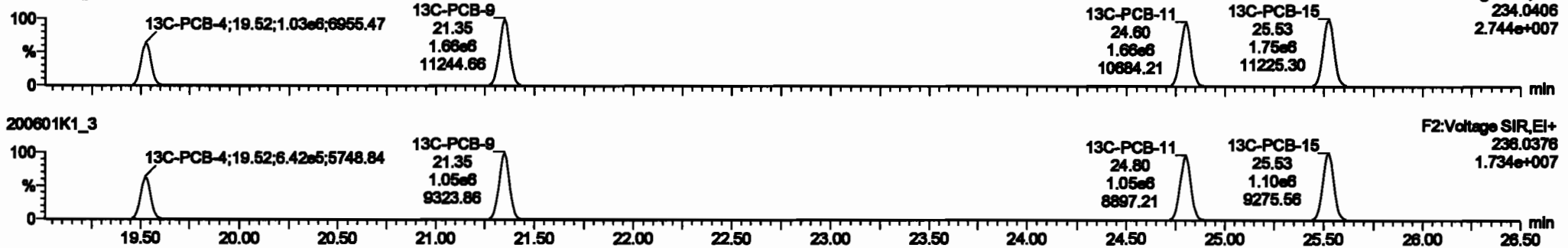


200601K1\_3

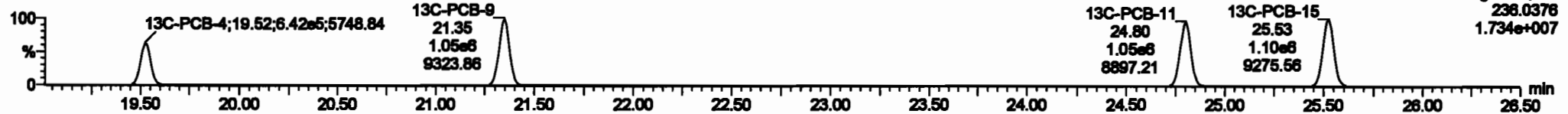


**13C-PCB-4**

200601K1\_3

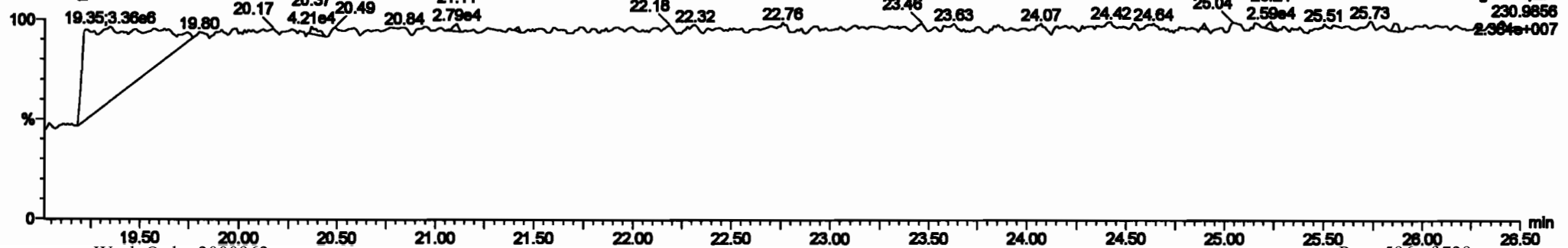


200601K1\_3



**PFK2a**

200601K1\_3



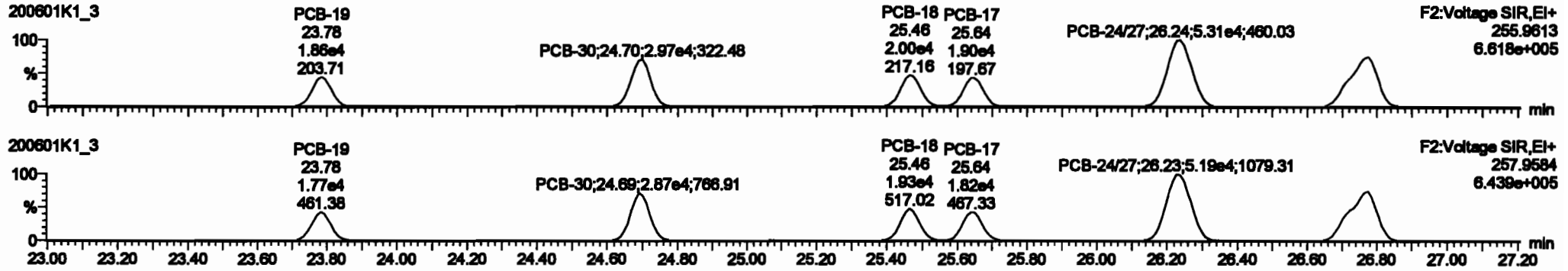


Dataset: Untitled

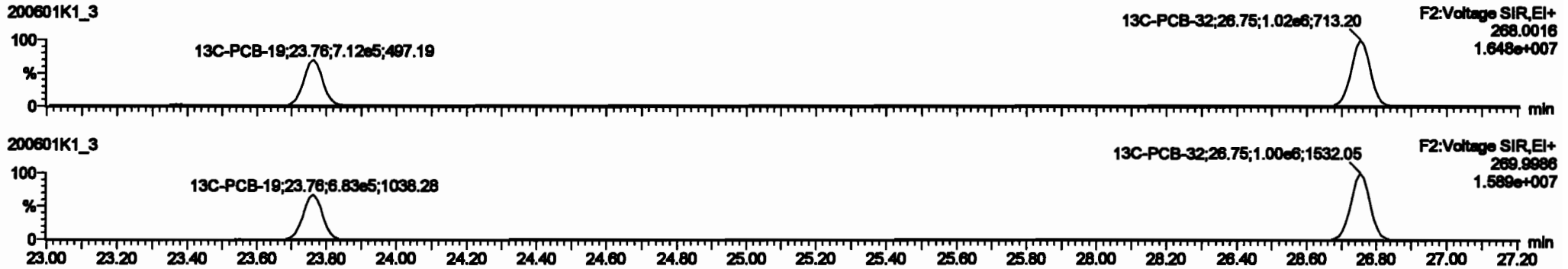
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

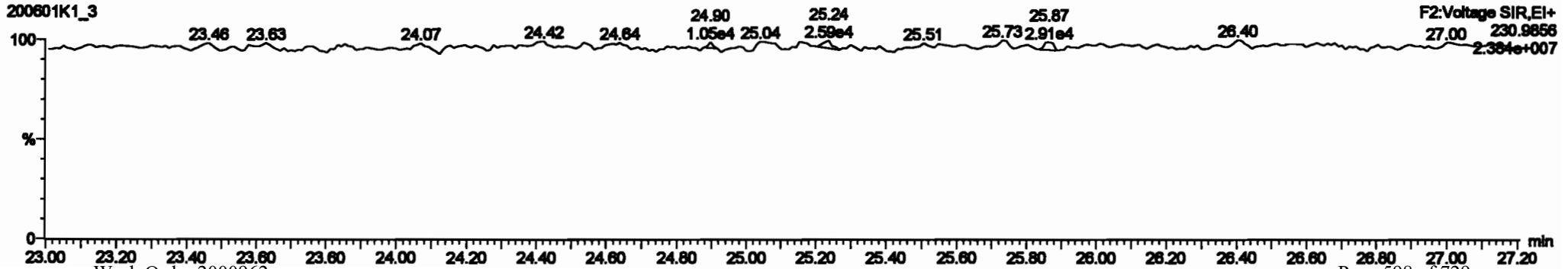
PCB-19



13C-PCB-19

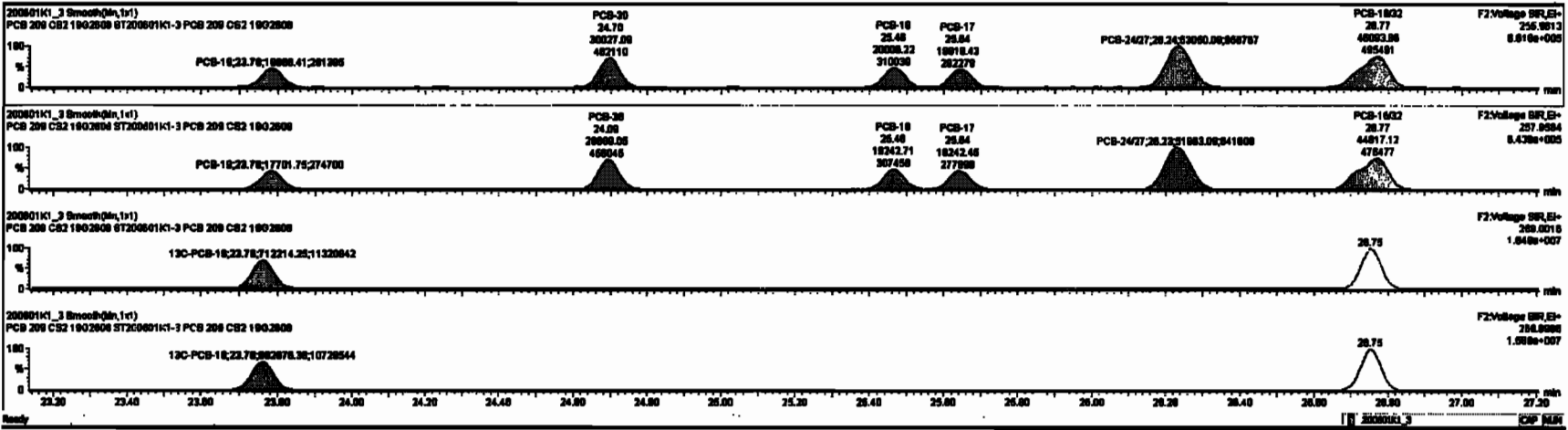


PFK2b



Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
216	13C-PCB-80	1.01e6	0.78	NO	1.0000	1.000	26.88	26.88	1.000	0.000	NO	100.0	100	0.0021			
218	13C-PCB-111	1.17e6	1.82	NO	1.0000	1.000	26.26	26.26	1.000	0.000	NO	100.0	100	0.0072			
217	13C-PCB-128	8.76e5	1.25	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.120			
218	13C-PCB-182	7.28e5	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0033			
218	13C-PCB-205	8.85e5	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148			
220	13C-PCB-76	1.83e6	0.78	NO	1.0000	1.000	37.76	37.76	1.000	1.000	NO	88.47	88.5	0.0091			
221	13C-PCB-478	7.23e5	0.44	NO	8.7685	1.000	46.80	46.80	0.000	0.000	NO	87.25	87.2	0.0062			
220	13C-PCB-76	1.83e6	0.78	NO	1.0021	1.000	37.76	37.76	0.000	0.000	NO	88.87	88.0	0.0094			
220	13C-PCB-478	7.23e5	0.44	NO	1.0038	1.000	46.87	46.88	0.000	0.000	NO	88.16	88.2	0.0062			
220	Total Mono-PCBs				1.1088	1.000	0.00	0.00	0.000	0.000	NO	7.216	88.2	0.0216	7.216		
220	Total Di-PCBs				1.8857	1.000	0.00	0.00	0.000	0.000	NO	28.88	88.2	0.216	28.88		

Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
12	PCB-16	23.78	23.78	1.889e4	1.770e4	1.040	1.04	NO	2.2670	2.2688			
13	PCB-30	24.80	24.78	3.003e4	2.889e4	1.040	1.04	NO	2.2480	2.2481			
14	PCB-16	26.48	26.48	2.001e4	1.824e4	1.040	1.04	NO	2.2700	2.2702			
15	PCB-17	26.84	26.84	1.883e4	1.824e4	1.040	1.04	NO	2.4320	2.4187			
16	PCB-24/27	28.28	28.24	8.208e4	8.788e4	1.040	1.02	NO	4.7880	4.7878			
17	PCB-18/22	28.77	28.77	4.808e4	4.802e4	1.040	1.02	NO	4.8810	4.8810			

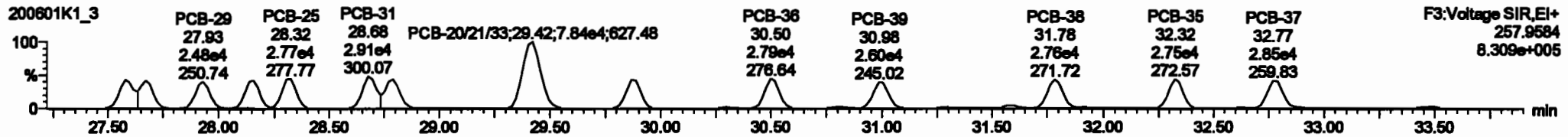
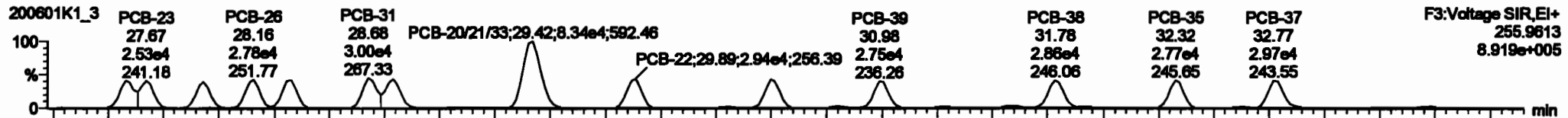


Dataset: Untitled

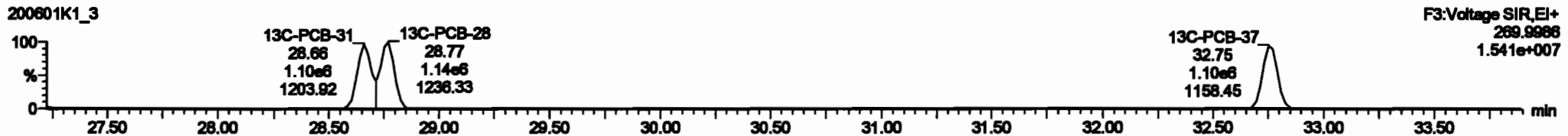
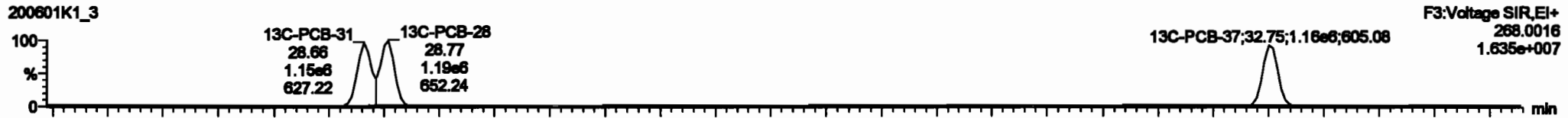
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

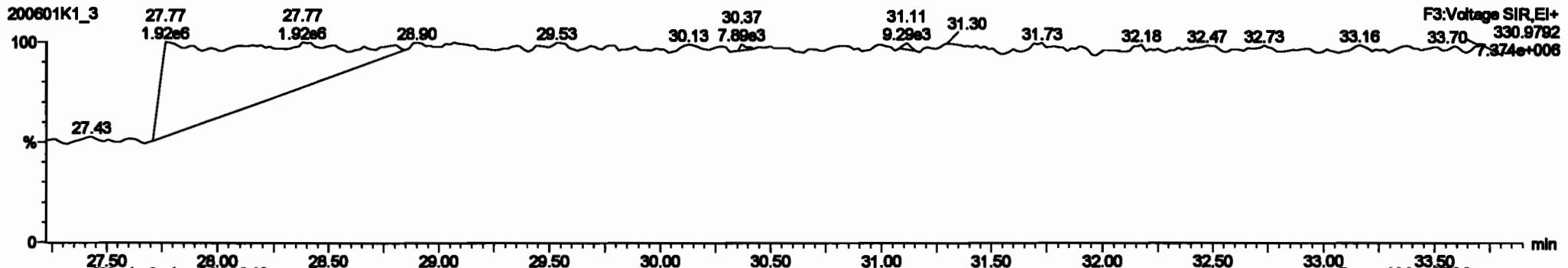
**PCB-34**



**13C-PCB-28**

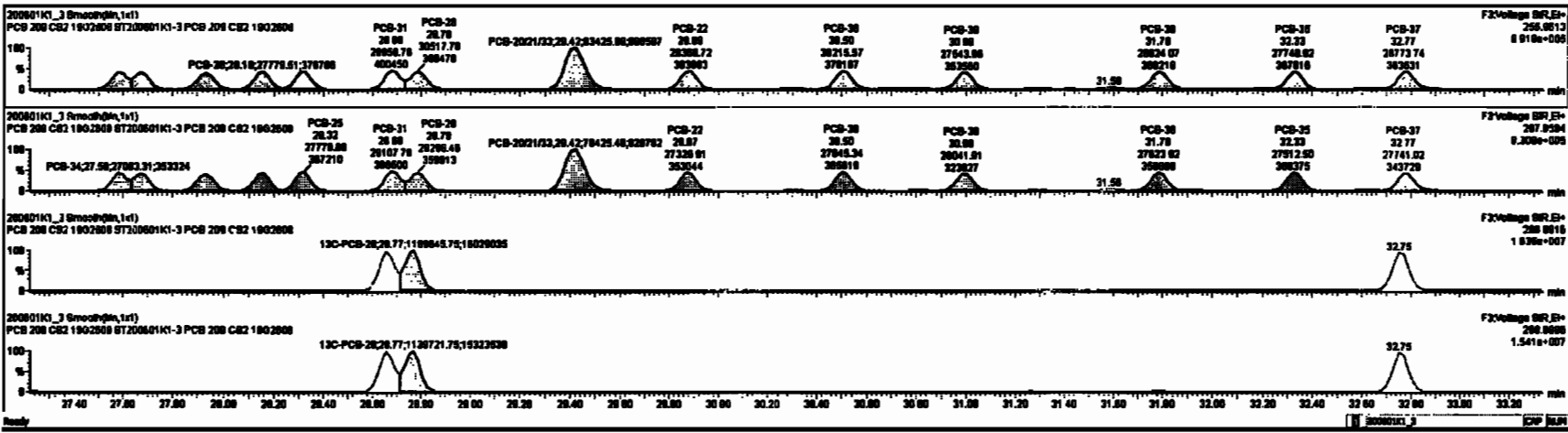


**PFK3d**



#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Value	SL	MRP
220	Total Value-PCBs					1,0776	1,000	0.00	0.000	NO		101.0	0.332	101.0	
220	2nd Function Parts-PCBs					1,3197	1,000	0.00	0.000	NO		97.92	0.371	97.92	
220	4th Function Parts-PCBs					1,0736	1,000	0.00	0.000	NO		12.19	0.0076	12.19	
220	2nd Function Hous-PCBs					0.0000	1,000	0.00	0.000	NO		32.80	0.0076	32.80	
220	4th Function Hous-PCBs					1.0016	1,000	0.00	0.000	NO		66.73	0.272	66.73	
220	Total Hous-PCBs					1.0001	1,000	0.00	0.000	NO		97.74	0.000	97.74	
220	4th Function Ouds-PCBs					1.0000	1,000	0.00	0.000	NO		21.80	0.0000	21.80	
220	6th Function Ouds-PCBs					1.1480	1,000	0.00	0.000	NO		6.674	0.0043	6.674	
220	Total Hous-PCBs					0.0000	1,000	0.00	0.000	NO		7.264	0.0007	7.264	
220	Total PCBs					0.0004	1,000	0.00	0.000	NO		2.430	0.0002	2.430	

#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Value	SL	MRP
18	PCB-24	27.00	27.00	2,700ea	2,700ea	1.040	1.02	NO	2,400	2,400		2,400	2,400		
19	PCB-25	27.00	27.00	2,400ea	2,400ea	1.040	1.04	NO	2,400	2,400		2,400	2,400		
20	PCB-26	27.00	27.00	2,400ea	2,400ea	1.040	1.01	NO	2,400	2,400		2,400	2,400		
21	PCB-28	28.10	28.10	2,700ea	2,700ea	1.040	1.07	NO	2,400	2,400		2,400	2,400		
22	PCB-29	28.31	28.32	2,800ea	2,700ea	1.040	1.09	NO	2,400	2,400		2,400	2,400		
23	PCB-31	28.00	28.00	2,800ea	2,810ea	1.040	1.09	NO	2,400	2,400		2,400	2,400		
24	PCB-32	28.70	28.70	2,800ea	2,800ea	1.040	1.09	NO	2,400	2,400		2,400	2,400		
25	PCB-2021483	28.40	28.40	0.500ea	7,800ea	1.040	1.09	NO	2,400	7,200		7,200	7,200		
26	PCB-32	28.00	28.00	2,800ea	2,700ea	1.040	1.09	NO	2,400	2,400		2,400	2,400		



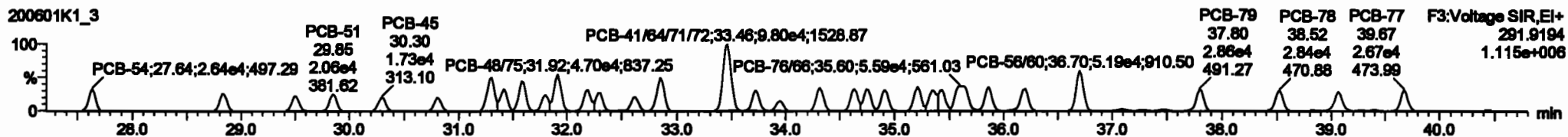
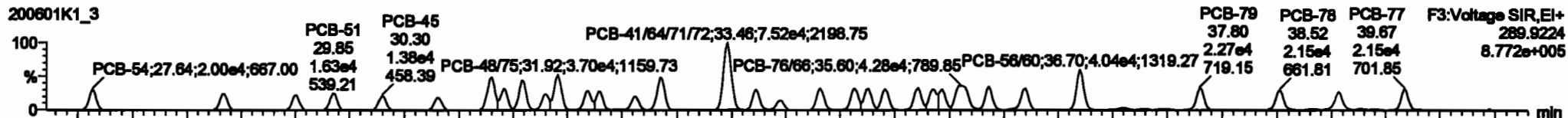
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

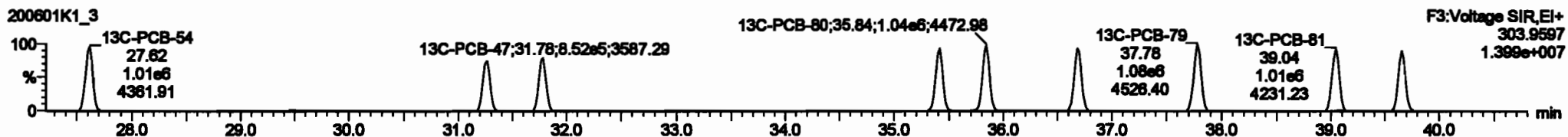
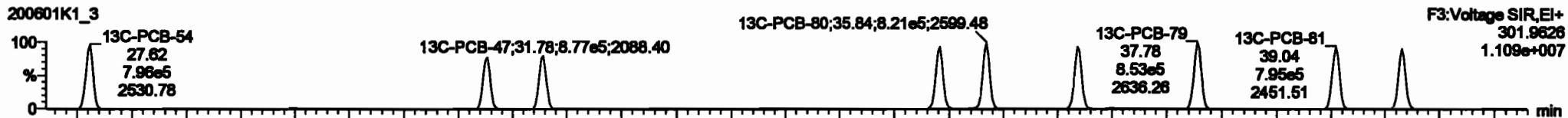
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

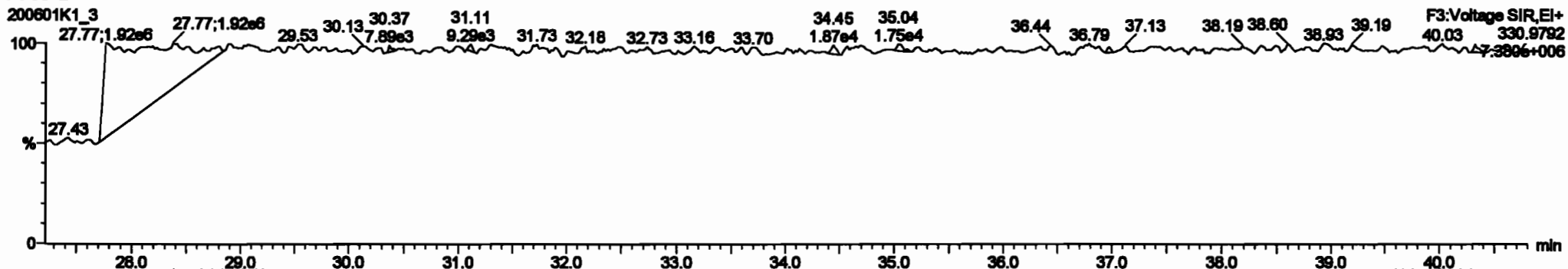
**PCB-54**



**13C-PCB-54**



**PFK3a**





Dataset: Untitled

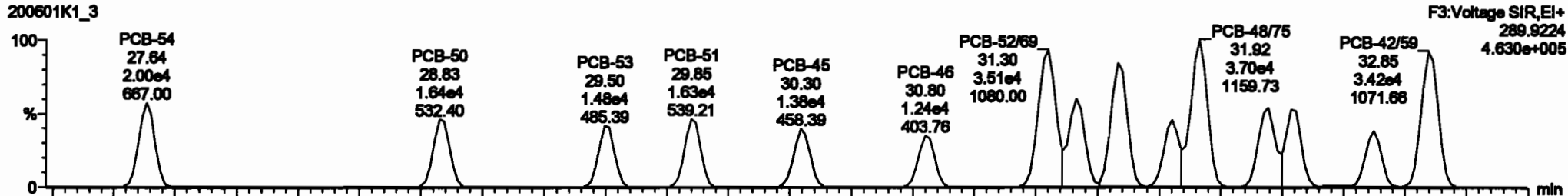
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

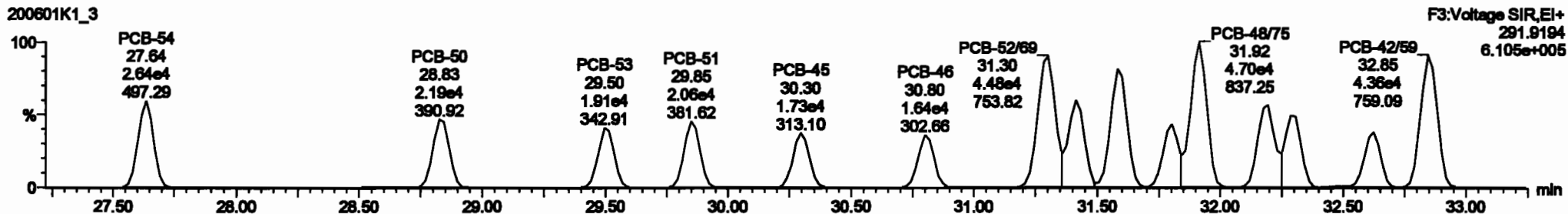
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

PCB-50

200601K1\_3



200601K1\_3

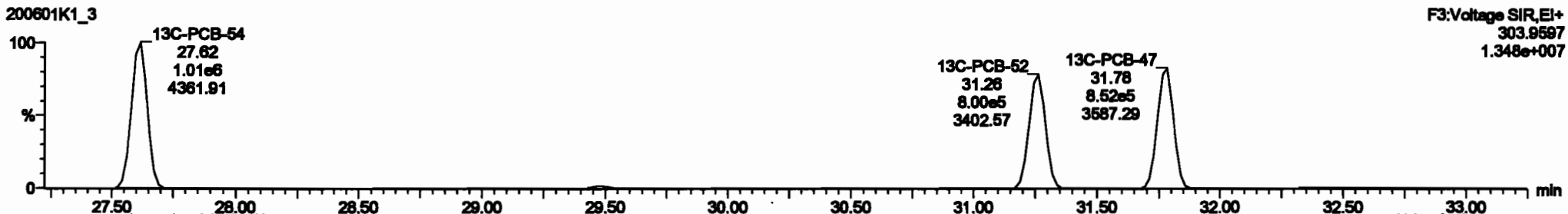


13C-PCB-52

200601K1\_3



200601K1\_3



Dataset: Untitled

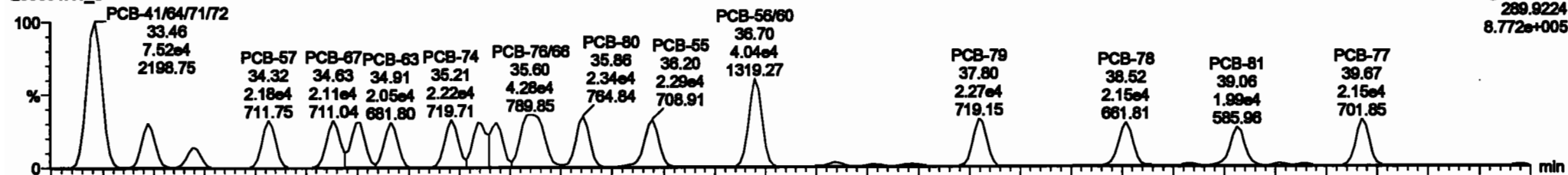
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

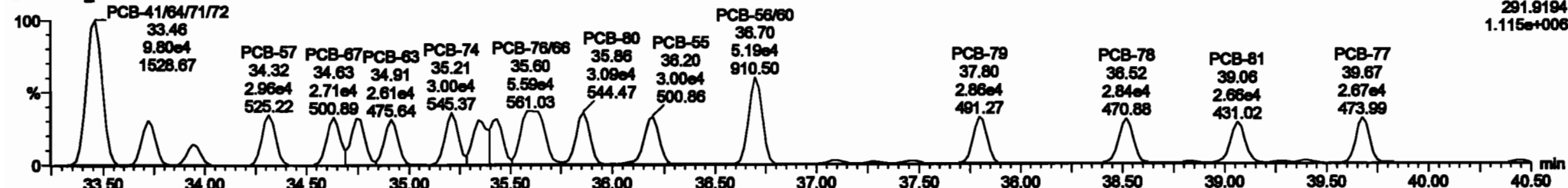
PCB-68

200601K1\_3



F3:Voltage SIR,EI+  
280.9224  
8.772e+005

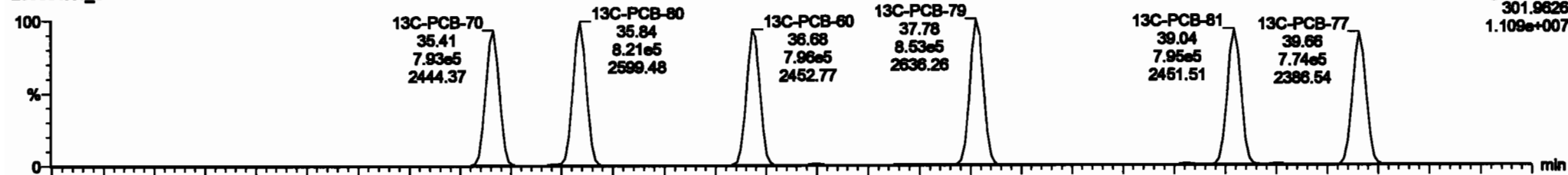
200601K1\_3



F3:Voltage SIR,EI+  
291.9194  
1.115e+006

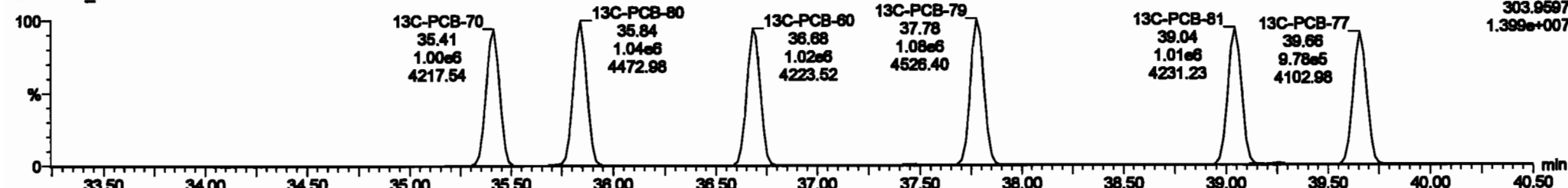
13C-PCB-60

200601K1\_3



F3:Voltage SIR,EI+  
301.9626  
1.109e+007

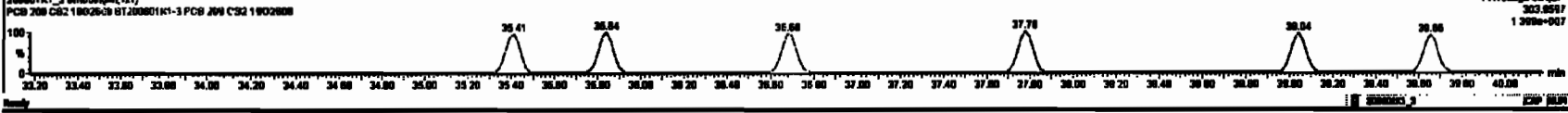
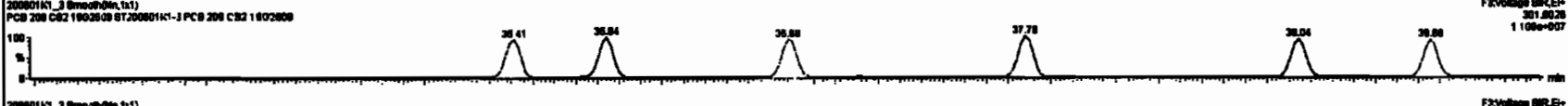
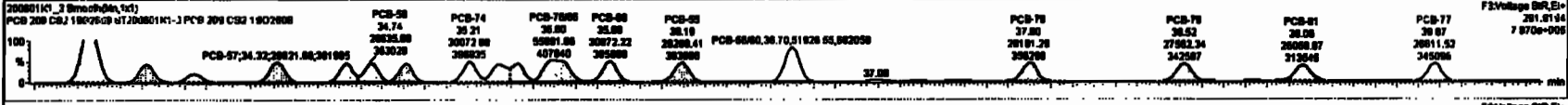
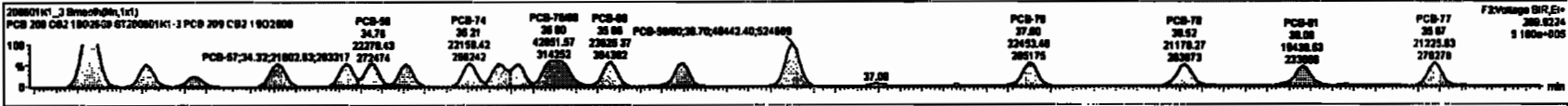
200601K1\_3



F3:Voltage SIR,EI+  
303.9597  
1.399e+007

#	Mass	Resp	RA	Rel	Off	Value	Det	OT	Pre	RT	RT	Fail	Com	SP	IR	IR	IR
227	2nd Puriton Tri-PCBs					0.0020	1.000	0.00	0.000	0.000	MD		38.04	0.204	38.01		
228	2nd Puriton Penta-PCBs					1.2187	1.000	0.00	0.000	0.000	MD		37.83	0.371	37.80		
229	4th Puriton Penta-PCBs					1.0736	1.000	0.00	0.000	0.000	MD		12.18	0.0070	12.18		
230	2nd Puriton Hepta-PCBs					0.0000	1.000	0.00	0.000	0.000	MD		33.88	0.0070	33.88		
231	4th Puriton Hepta-PCBs					1.0016	1.000	0.00	0.000	0.000	MD		38.73	0.372	38.73		
232	Total Hepta-PCBs					1.3881	1.000	0.00	0.000	0.000	MD		37.74	0.488	37.74		
233	2nd Puriton Octa-PCBs					1.0000	1.000	0.00	0.000	0.000	MD		21.88	0.000	21.88		
234	4th Puriton Octa-PCBs					1.1488	1.000	0.00	0.000	0.000	MD		38.94	0.384	38.94		
235	Total Octa-PCBs					0.0020	1.000	0.00	0.000	0.000	MD		7.284	0.0007	7.284		
236	Total PCBs					0.0004	1.000	0.00	0.000	0.000	MD		2.423	0.0070	2.423		

#	Mass	Pre	OT	Off	Value	1st	RA	Rel	IR	Com
30	PCB-81	27.84	27.84	1.880e4	2.880e4	0.770	0.76	MD	2.3770	2.3771
31	PCB-82	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.6140	2.6139
32	PCB-83	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3848
33	PCB-84	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3876
34	PCB-85	30.30	30.30	1.370e4	1.720e4	0.770	0.80	MD	2.8070	2.8076
35	PCB-86	30.30	30.30	1.370e4	1.720e4	0.770	0.79	MD	2.6580	2.6516
36	PCB-87	31.30	31.30	1.050e4	4.070e4	0.770	0.76	MD	4.7420	4.7426
37	PCB-72	31.41	31.41	1.510e4	2.780e4	0.770	0.77	MD	2.3830	2.3833
38	PCB-420B	31.80	31.80	1.050e4	2.880e4	0.770	0.76	MD	4.8820	4.8818



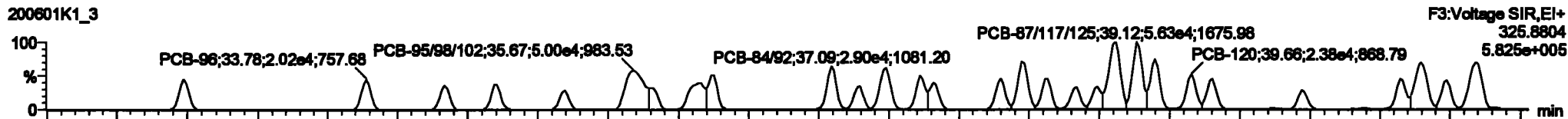
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

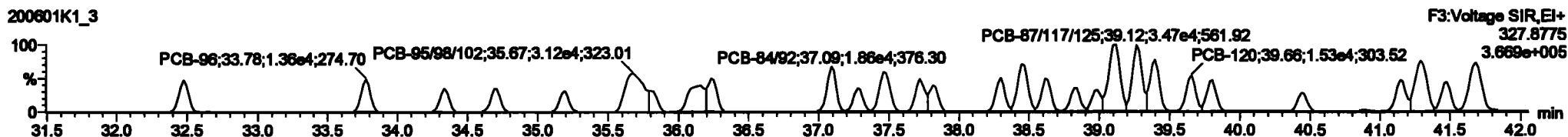
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-104**

200601K1\_3

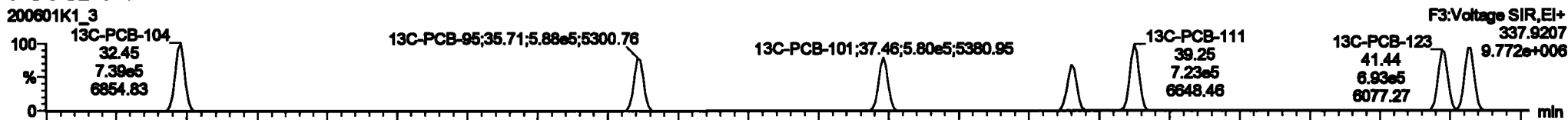


200601K1\_3

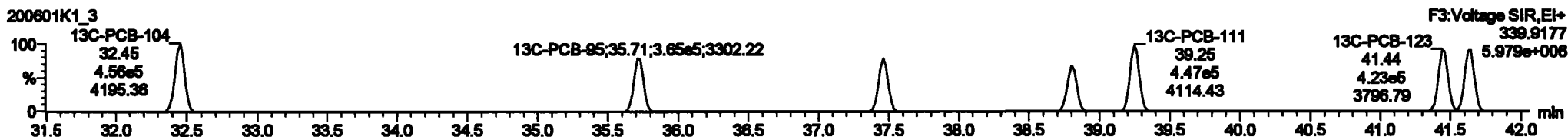


**13C-PCB-104**

200601K1\_3

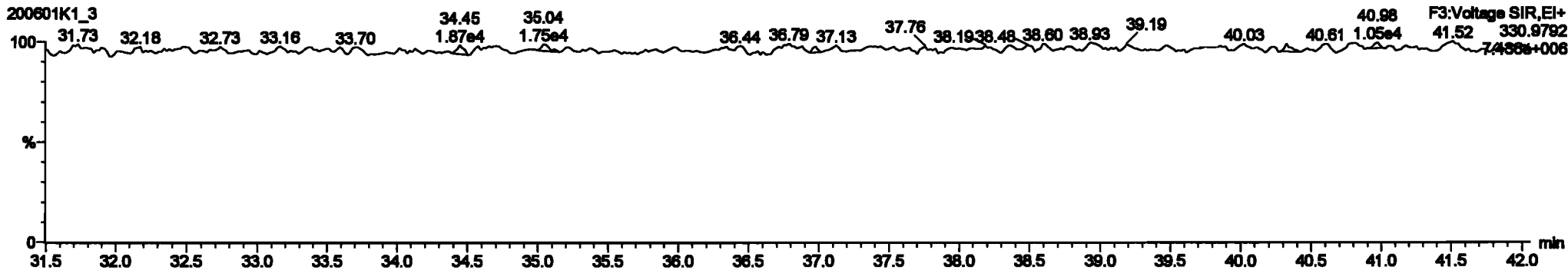


200601K1\_3



**PFK3b**

200601K1\_3

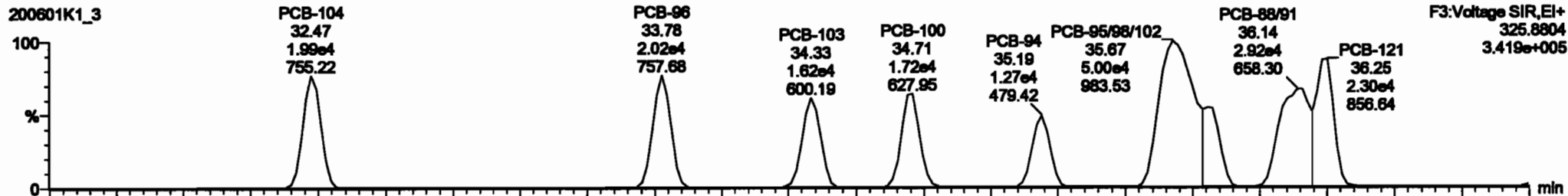


Dataset: Untitled

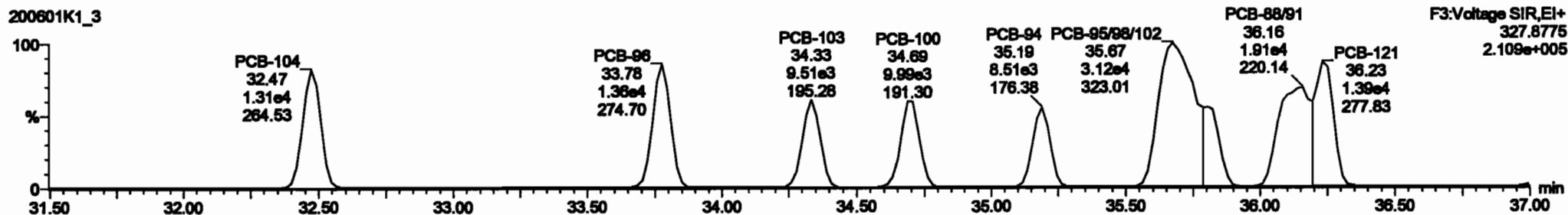
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-96**



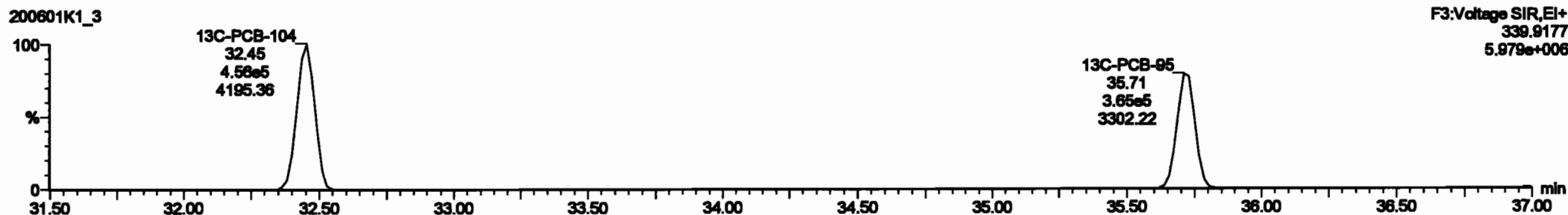
200601K1\_3



**13C-PCB-95**



200601K1\_3

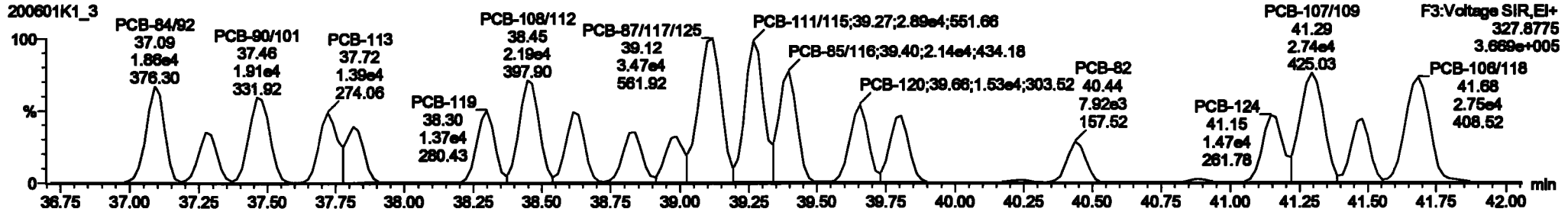
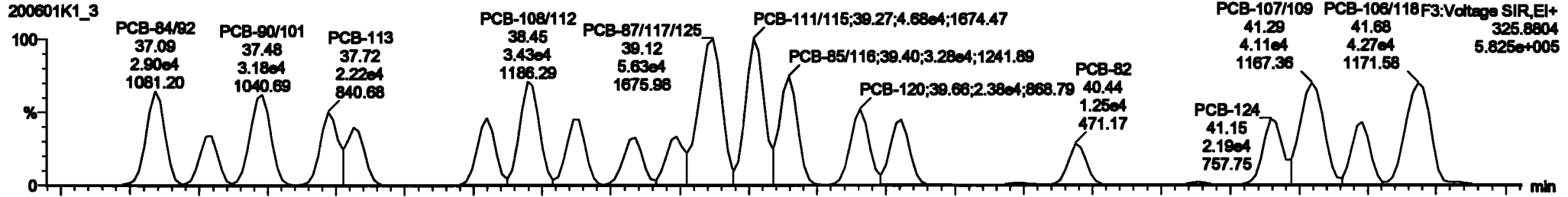


Dataset: Untitled

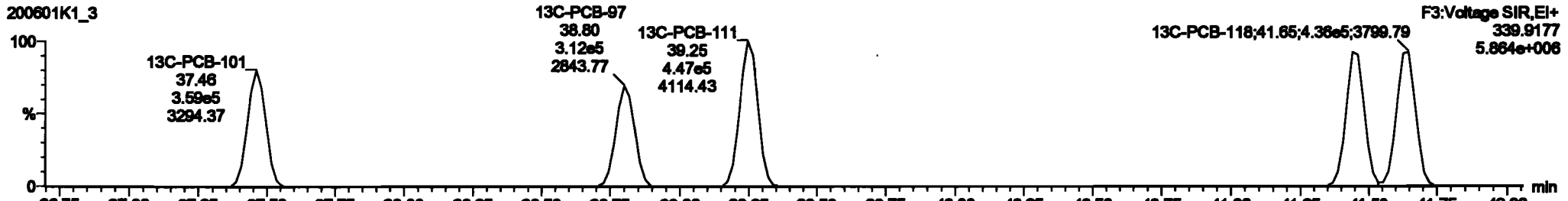
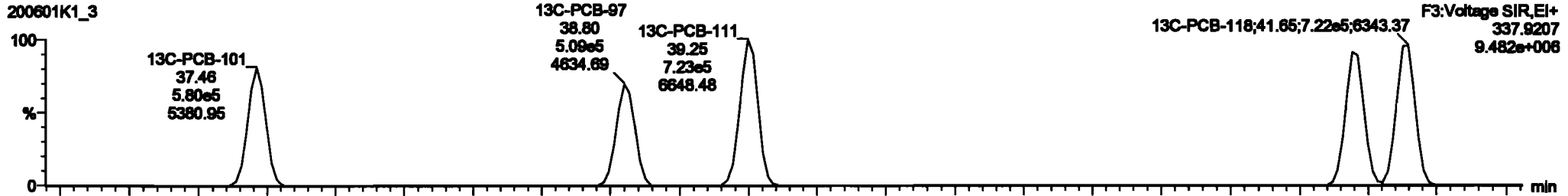
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

PCB-119

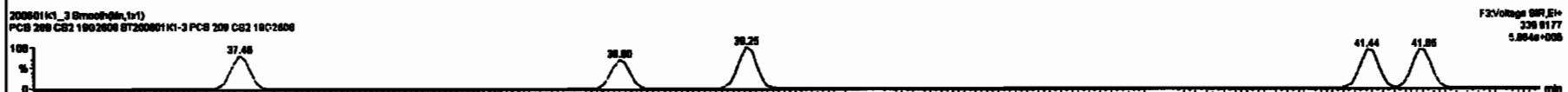
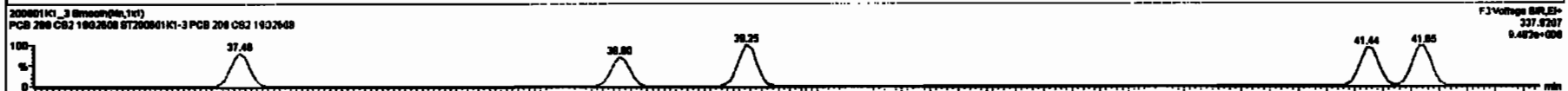
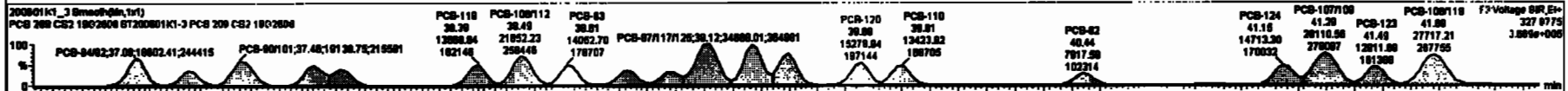
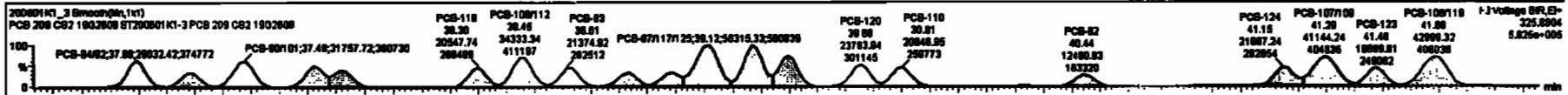


13C-PCB-111



ID	Name	Comp	BA	Qty	RFY	RFY2	Preval1	RF	Preval2	RF2	RFY Full	Comp	Value	CL	BMP
227	2nd Purition 14-PCBs				0.0028	1.000	0.00		0.000		NO	30.01	0.294	30.01	
228	Total Tetra-PCBs				1.0770	1.000	0.00		0.000		NO	101.0	0.323	101.0	
230	4th Purition Para-PCBs				1.0726	1.000	0.00		0.000		NO	12.10	0.079	12.10	
231	2nd Purition Hexa-PCBs				0.0000	1.000	0.00		0.000		NO	32.00	0.079	32.00	
232	4th Purition Hexa-PCBs				1.0310	1.000	0.00		0.000		NO	06.73	0.272	06.73	
233	Total Huga-PCBs				1.3891	1.000	0.00		0.000		NO	97.34	0.488	97.34	
234	4th Purition Octa-PCBs				1.0000	1.000	0.00		0.000		NO	21.00	0.003	21.00	
235	2nd Purition Octa-PCBs				1.1400	1.000	0.00		0.000		NO	6.674	0.043	6.674	
236	Total Hexa-PCBs				0.0023	1.000	0.00		0.000		NO	7.284	0.007	7.284	
237	Diox-Cl				0.0004	1.000	0.00		0.000		NO	2.420	0.076	2.420	
238	Total PCBs														

ID	Name	Preval1	RF	Preval2	RF2	RFY Full	Comp	Value	CL	BMP
64	PCB-104	32.47	32.47	1.890e4	1.300e4	1.800	1.82	NO	2.4000	2.4000
65	PCB-80	30.70	30.70	2.017e4	1.390e4	1.800	1.78	NO	2.4400	2.4400
66	PCB-108	34.33	34.33	1.824e4	9.800e3	1.800	1.71	NO	2.3010	2.3008
67	PCB-100	34.80	34.71	1.717e4	9.800e3	1.800	1.72	NO	2.3630	2.3631
68	PCB-84	35.10	35.10	1.272e4	8.910e3	1.800	1.76	NO	2.3400	2.3401
69	PCB-9000102	35.87	35.87	8.000e4	3.117e4	1.800	1.81	NO	7.0700	7.0704
70	PCB-83	35.70	35.81	1.284e4	7.810e3	1.800	1.70	NO	2.3600	2.3597
71	PCB-90001	38.14	38.14	2.800e4	1.800e4	1.800	1.88	NO	4.7000	4.7004
72	PCB-121	38.20	38.28	2.300e4	1.390e4	1.800	1.86	NO	2.2700	2.2699





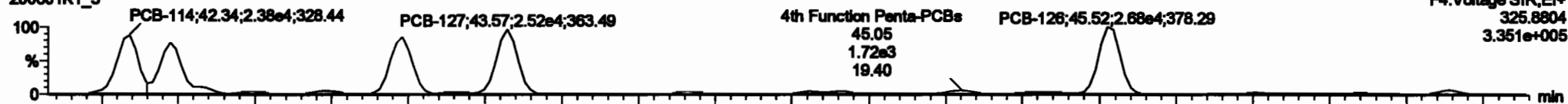
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

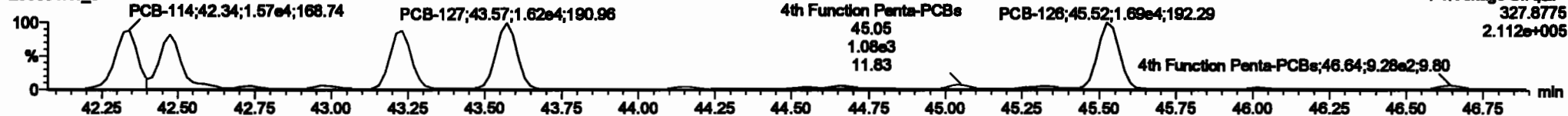
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-114**

200601K1\_3

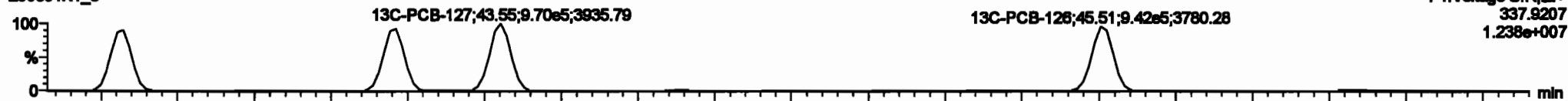


200601K1\_3

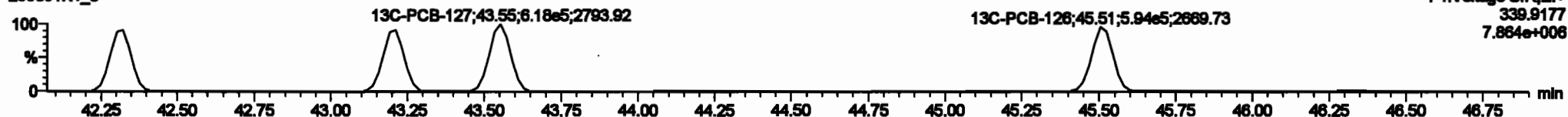


**13C-PCB-114**

200601K1\_3

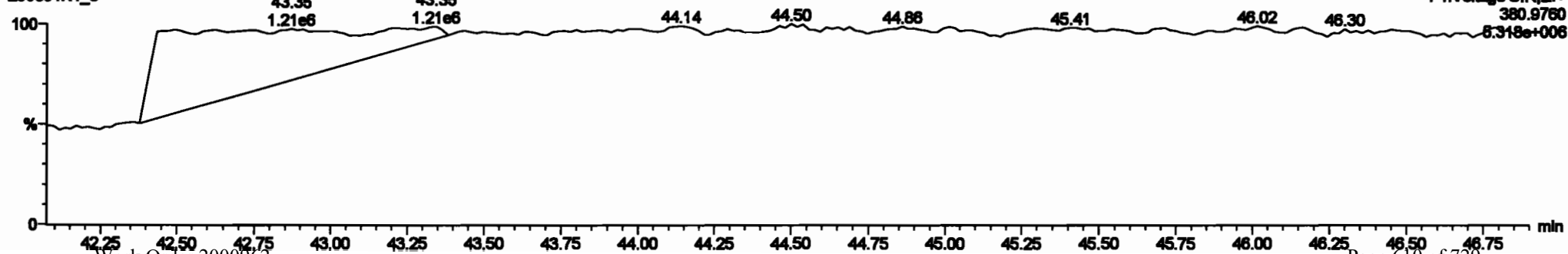


200601K1\_3



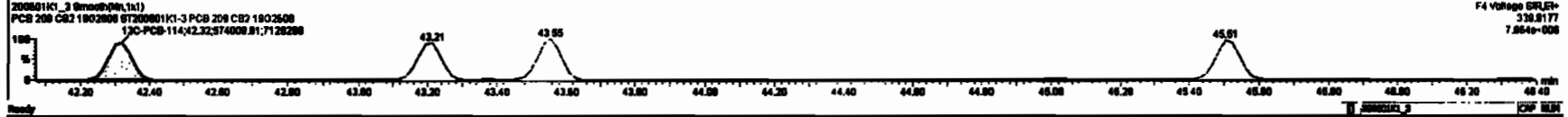
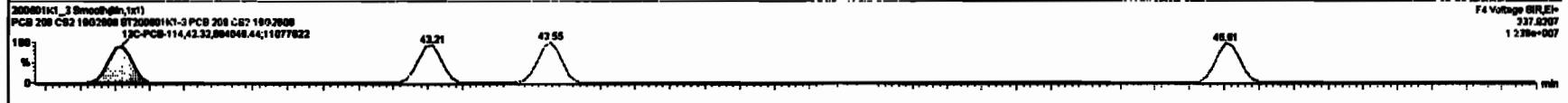
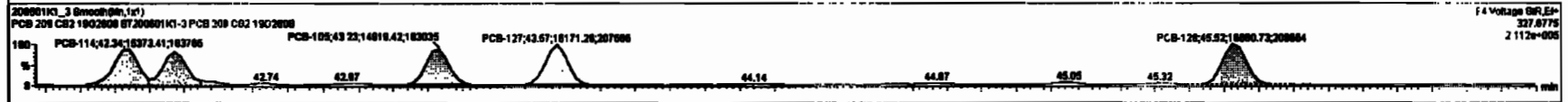
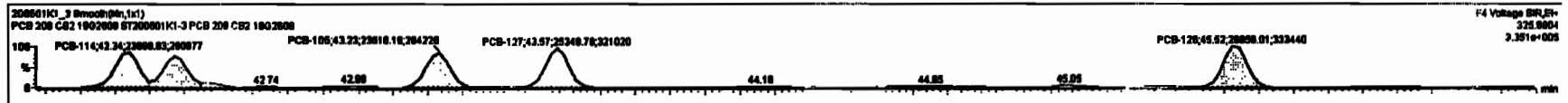
**PFK4a**

200601K1\_3



#	Name	Range	RA	dy	RF	Initial	ProdRT	RT	ProdR	RFY	ProdF	Chn	SP	SL	BPFC
227	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.000	NO	00.01				0.284	38.01
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.000	NO	101.0				0.222	101.0
229	2nd Function Para-PCBs				1.2167	1.000	0.00	0.000	NO	67.02				0.371	67.02
230	2nd Function Ortho-PCBs				0.0000	1.000	0.00	0.000	NO	00.00				0.000	00.00
231	2nd Function Meta-PCBs				0.0000	1.000	0.00	0.000	NO	00.00				0.000	00.00
232	4th Function Para-PCBs				1.0216	1.000	0.00	0.000	NO	66.73				0.372	66.73
233	Total Hepta-PCBs				1.2091	1.000	0.00	0.000	NO	67.74				0.406	67.74
234	4th Function Ortho-PCBs				1.0000	1.000	0.00	0.000	NO	71.00				0.000	71.00
235	4th Function Para-PCBs				1.1480	1.000	0.00	0.000	NO	6.074				0.000	6.074
236	Total Hexa-PCBs				0.0000	1.000	0.00	0.000	NO	7.284				0.000	7.284
237	Total PCBs				0.0000	1.000	0.00	0.000	NO	2.420				0.000	2.420

#	Name	ProdRT	RT	RF	RFY	ProdF	Chn	SP	SL	BPFC
80	PCB-114	42.34	42.34	2.370e4	1.000e4	1.000	1.04	NO	2.320	2.320
84	PCB-122	42.48	42.47	2.122e4	1.370e4	1.000	1.04	NO	2.020	2.020
86	PCB-105	43.20	43.20	2.382e4	1.000e4	1.000	1.00	NO	2.000	2.000
88	PCB-127	43.67	43.67	2.000e4	1.017e4	1.000	1.07	NO	2.000	2.000
89	PCB-126	45.52	45.52	2.000e4	1.000e4	1.000	1.01	NO	2.010	2.010



Dataset: Untitled

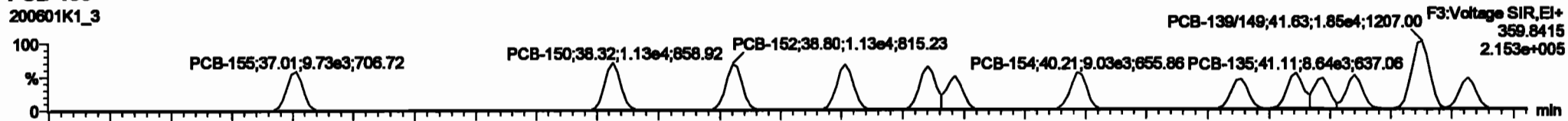
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

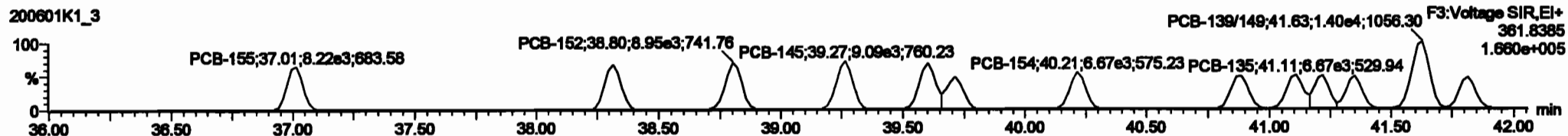
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-155**

200601K1\_3



200601K1\_3

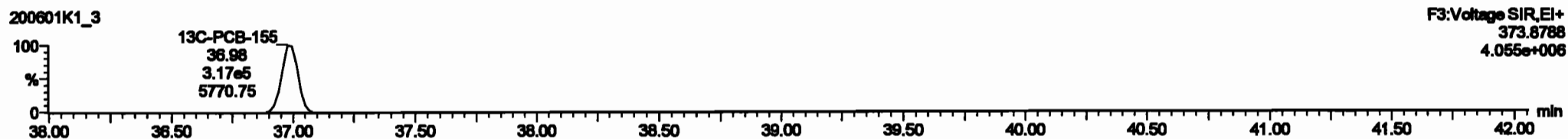


**13C-PCB-155**

200601K1\_3

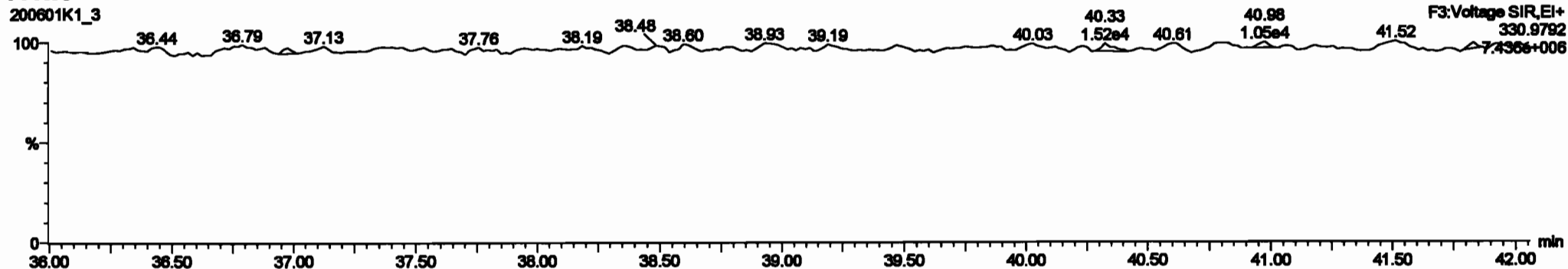


200601K1\_3



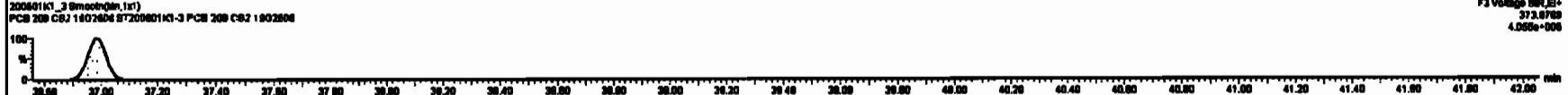
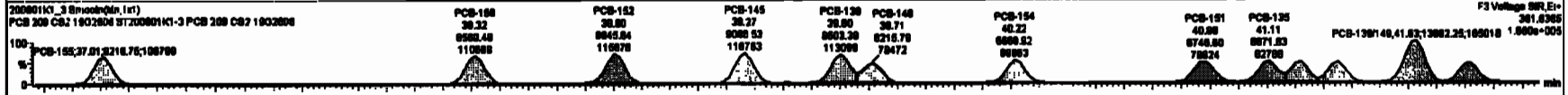
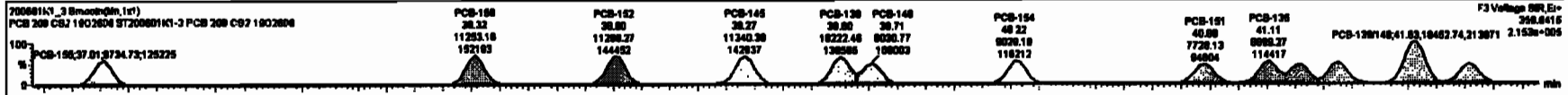
**PFK3c**

200601K1\_3



#	Name	Resp	RA	inj	RRP	colVol	FlowRate	RT	PresID	SWT	WWT (ml)	Comp.	SWT	Temp
227	2nd Puriton TH-PCBs				0.0000	1.000	0.00	0.000		NO	38.01	0.284		38.01
228	Total Tetra-PCBs				1.0770	1.000	0.00	0.000		NO	101.0	0.322		101.0
229	2nd Puriton Penta-PCBs				1.2497	1.000	0.00	0.000		NO	67.82	0.371		67.82
230	4th Puriton Penta-PCBs				1.0736	1.000	0.00	0.000		NO	12.18	0.0870		12.18
231	2nd Puriton Hexa-PCBs				0.0000	1.000	0.00	0.000		NO	0.0000	0.0000		0.0000
232	4th Puriton Hexa-PCBs				1.0018	1.000	0.00	0.000		NO	68.73	0.272		68.73
233	Total Hepta-PCBs				1.2681	1.000	0.00	0.000		NO	67.74	0.488		67.74
234	4th Puriton Octa-PCBs				1.0000	1.000	0.00	0.000		NO	21.80	0.0800		21.80
235	2nd Puriton Octa-PCBs				1.1488	1.000	0.00	0.000		NO	6.874	0.0843		6.874
236	Total Nona-PCBs				0.0000	1.000	0.00	0.000		NO	7.384	0.0087		7.384
237	237 Dece-CD				0.0004	1.000	0.00	0.000		NO	2.420	0.0070		2.420
238	238 Total PCBs													

#	Name	PresID	RT	col Resp	col Resp	F <sup>2</sup> Ratio (Peak)	RA	inj	RRP	Comp.
1	100 PCB-158	37.01	37.01	0.720e3	0.217e3	1.240	1.18	NO	2.3300	2.3300
2	100 PCB-160	38.30	38.32	1.120e4	0.880e3	1.240	1.32	NO	2.4800	2.4800
3	100 PCB-162	38.80	38.80	1.120e4	0.840e3	1.240	1.28	NO	2.3100	2.3170
4	101 PCB-148	38.20	38.27	1.120e4	0.887e3	1.240	1.26	NO	2.3200	2.3280
5	100 PCB-138	38.80	38.80	1.020e4	0.800e3	1.240	1.20	NO	2.4000	2.4000
6	100 PCB-140	38.72	38.71	0.801e3	0.210e3	1.240	1.20	NO	2.3010	2.3007
7	104 PCB-164	40.20	40.22	0.800e3	0.880e3	1.240	1.38	NO	2.3220	2.3217
8	100 PCB-161	40.80	40.80	7.720e3	0.247e3	1.240	1.14	NO	2.8010	2.8012
9	100 PCB-135	41.12	41.11	0.880e3	0.872e3	1.240	1.20	NO	2.2880	2.2898

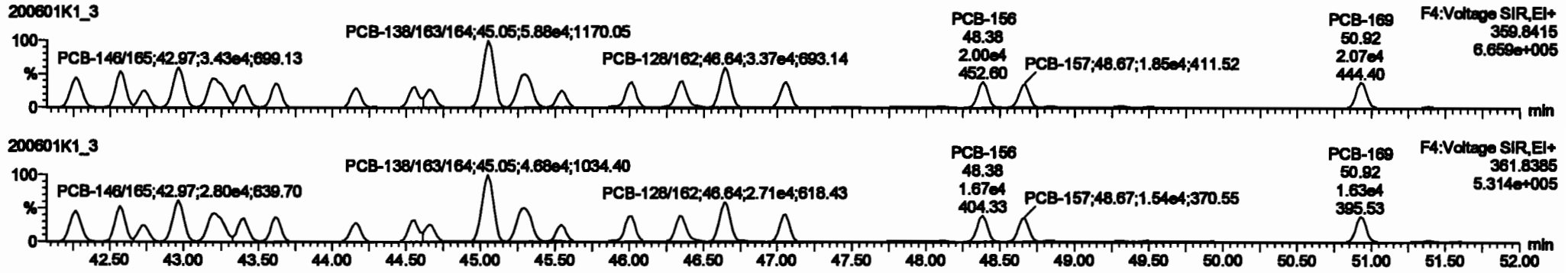


Dataset: Untitled

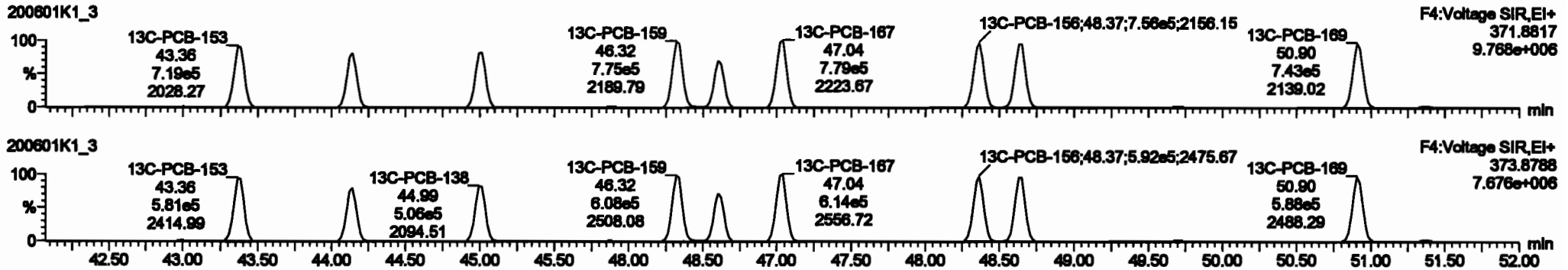
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

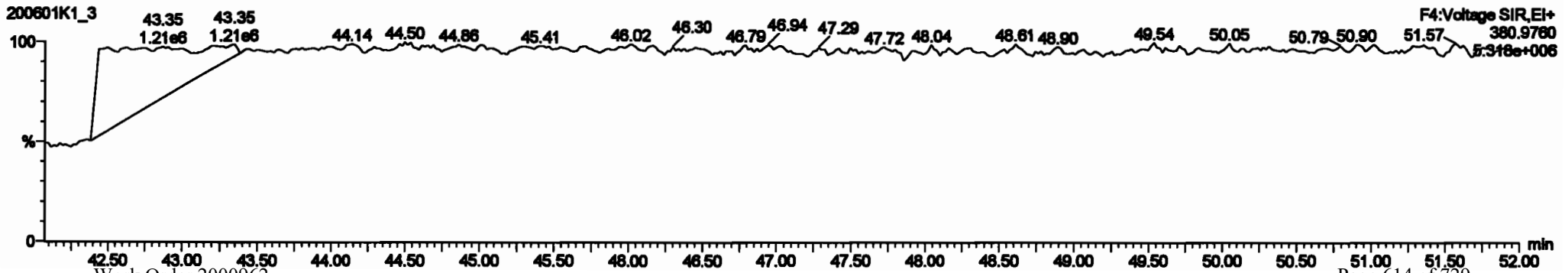
PCB-134/143



13C-PCB-153



PFK4b



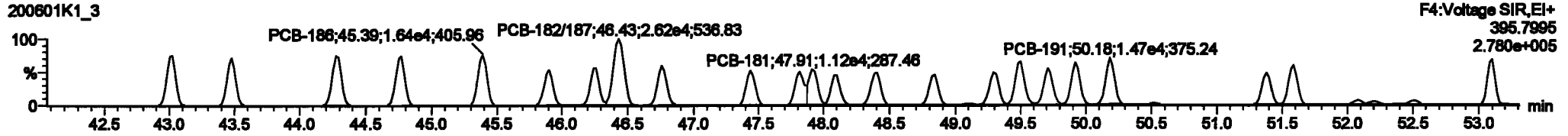
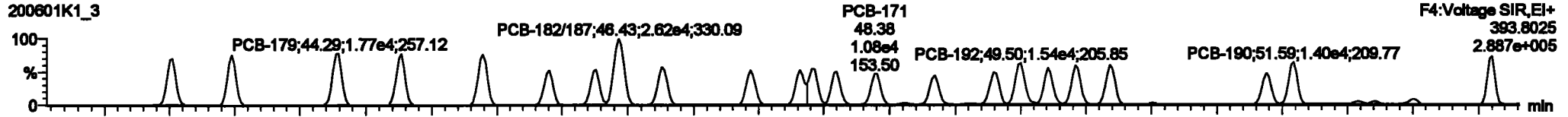


Dataset: Untitled

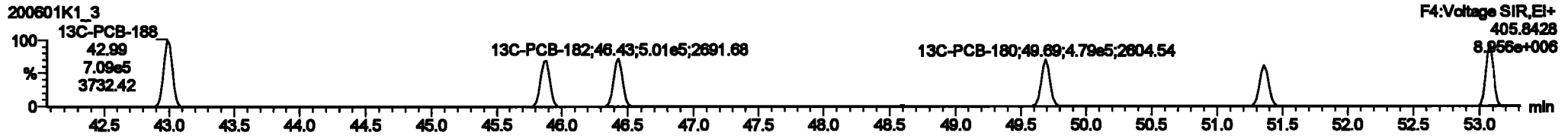
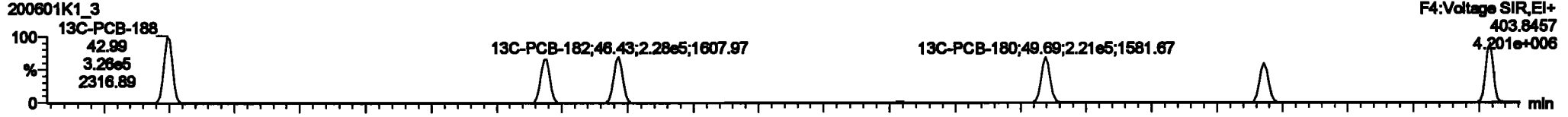
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

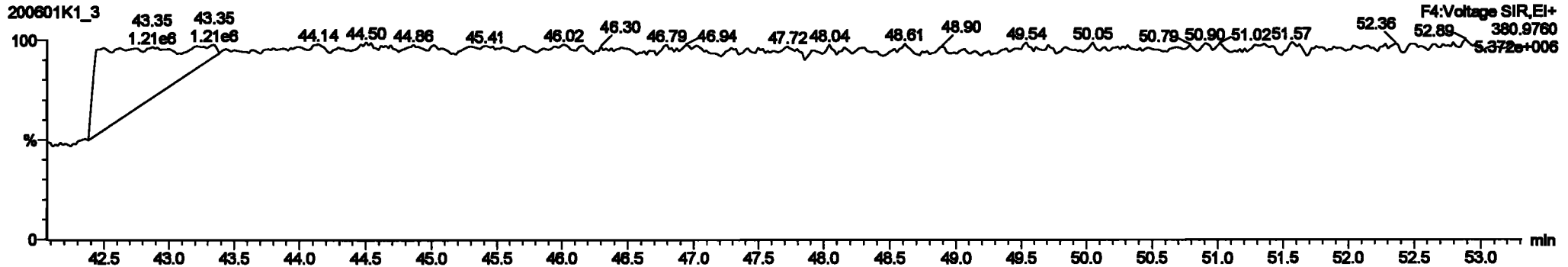
**PCB-188**



**13C-PCB-188**



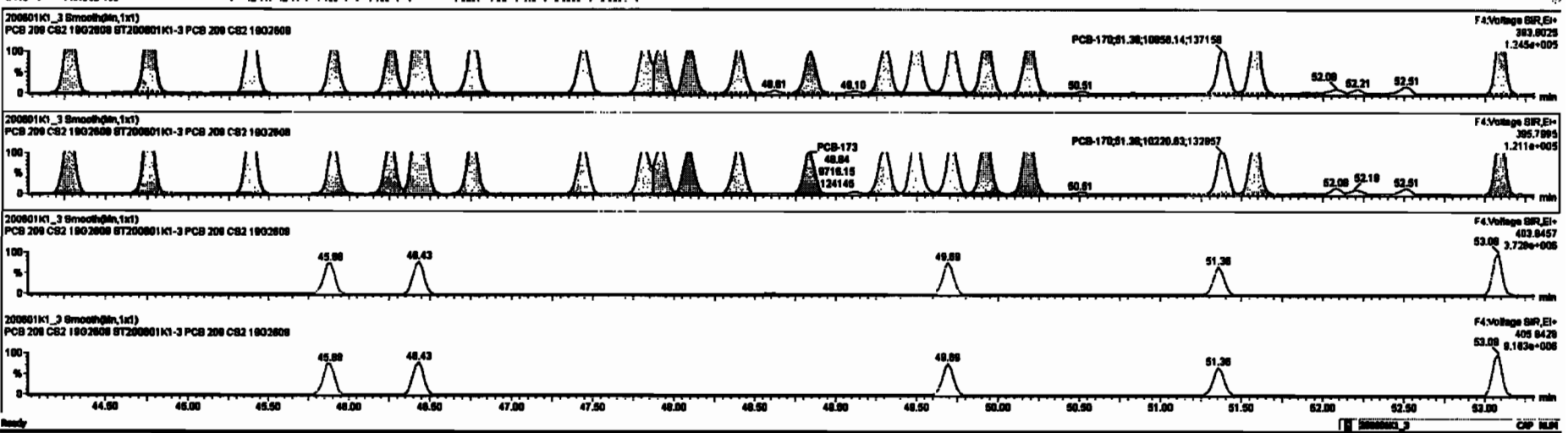
**PFK4c**





#	Name	Resp	RA	RF	RF2	Vol	ProdRT	RT	ProdLR	RF2	RT1	Comp	Area	CL	SPC
227	227 3rd Function TM-PCBs					0.8028	1.000	0.00	0.000		NO	38.01	0.284	38.01	
228	228 Total Tetra-PCBs					1.0778	1.000	0.00	0.000		NO	101.0	0.322	101.0	
229	229 3rd Function Penta-PCBs					1.3167	1.000	0.00	0.000		NO	87.82	0.371	87.82	
230	230 6th Function Penta-PCBs					1.0725	1.000	0.00	0.000		NO	12.18	0.0878	12.18	
231	231 3rd Function Hexa-PCBs					0.8025	1.000	0.00	0.000		NO	32.88	0.0878	32.88	
232	232 6th Function Hexa-PCBs					1.0316	1.000	0.00	0.000		NO	88.72	0.272	88.72	
233	233 Total Hexa-PCBs					1.2888	1.000	0.00	0.000		NO	87.24	0.272	87.24	
234	234 6th Function Octa-PCBs					1.0008	1.000	0.00	0.000		NO	21.88	0.0803	21.88	
235	235 6th Function Octa-PCBs					1.1488	1.000	0.00	0.000		NO	6.974	0.0843	6.974	
236	236 Total Octa-PCBs					0.8023	1.000	0.00	0.000		NO	7.284	0.0887	7.284	
237	237 Deca-OB					0.8884	1.000	0.00	0.000		NO	2.423	0.0878	2.423	
238	238 Total PCBs														

#	Name	ProdRT	RT	ProdRange	RTRange	Area (pmol)	Area (ng)	Area (ppb)	Area (ppm)	Area (ppb)	Area (ppm)	Area (ppb)	Area (ppm)
1	131 PCB-188	43.02	43.02	1.817e4	1.888e4	1.000	0.07	NO	2.4600	2.4607			
2	132 PCB-184	43.47	43.48	1.863e4	1.820e4	1.000	1.08	NO	2.4670	2.4688			
3	133 PCB-178	44.27	44.28	1.773e4	1.818e4	1.000	1.10	NO	2.5240	2.6238			
4	134 PCB-176	44.70	44.77	1.708e4	1.803e4	1.000	1.07	NO	2.4420	2.4434			
5	135 PCB-168	48.38	48.38	1.788e4	1.844e4	1.000	1.07	NO	2.4870	2.4870			
6	136 PCB-170	48.80	48.80	1.171e4	1.142e4	1.000	1.02	NO	2.3880	2.3880			
7	137 PCB-175	48.24	48.28	1.223e4	1.228e4	1.000	1.00	NO	2.4740	2.4738			
8	138 PCB-182/187	48.42	48.43	2.811e4	2.824e4	1.000	1.00	NO	4.7440	4.7445			
9	139 PCB-183	48.78	48.78	1.328e4	1.284e4	1.000	1.02	NO	2.4780	2.4748			

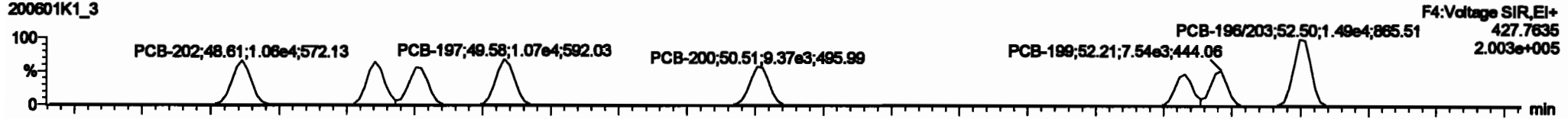


Dataset: Untitled

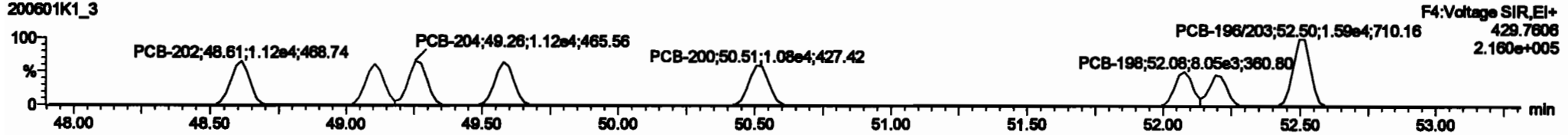
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

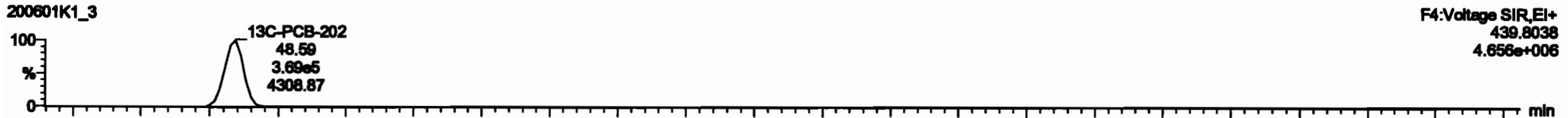
PCB-202  
200601K1\_3



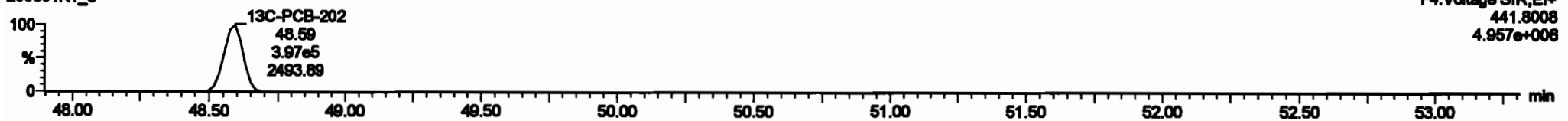
200601K1\_3



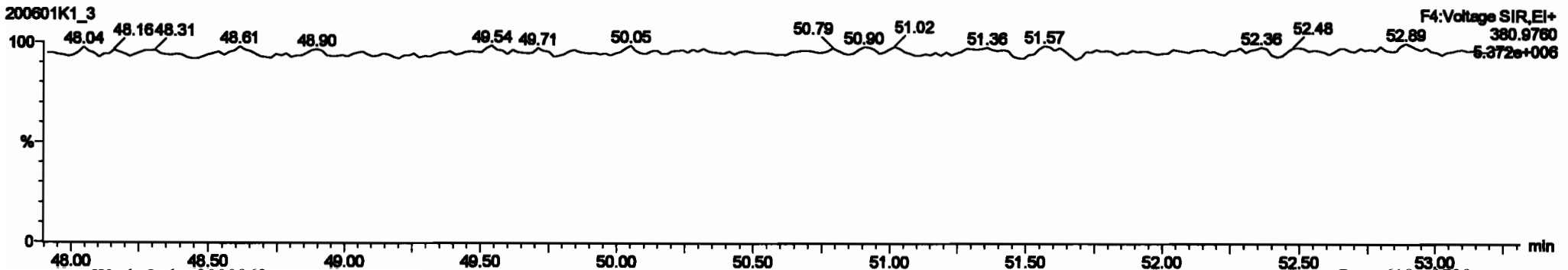
13C-PCB-202



200601K1\_3

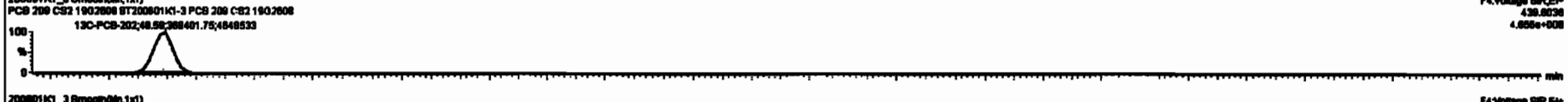
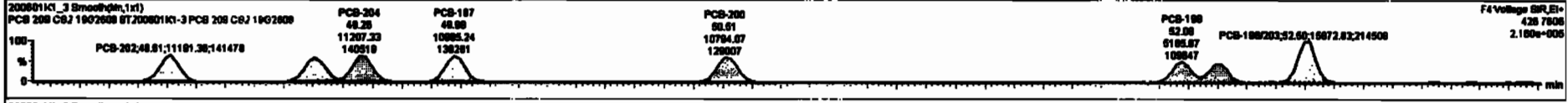
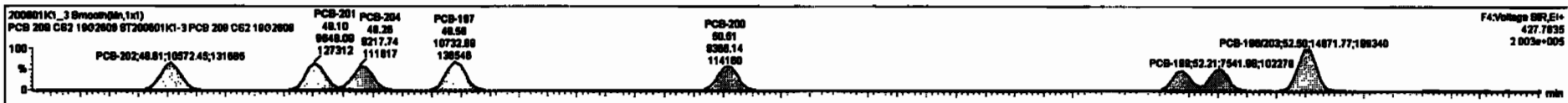


PFK4d



#	Name	Qty	RA	Qty	Unit	Value	Value	Unit	Value	Unit	Value	Unit	Value	Unit
227	2nd Function TM-PCBs					0.0000	1.000	0.00	0.000	NO	30.01	0.304	30.01	
228	Total Tubs-PCBs					1.0776	1.000	0.00	0.000	NO	101.0	0.322	101.0	
229	2nd Function Para-PCBs					1.3167	1.000	0.00	0.000	NO	67.62	0.371	67.62	
230	4th Function Para-PCBs					1.0735	1.000	0.00	0.000	NO	12.18	0.0070	12.18	
231	2nd Function Hase-PCBs					0.0000	1.000	0.00	0.000	NO	32.80	0.0070	32.80	
232	4th Function Hase-PCBs					1.0316	1.000	0.00	0.000	NO	68.73	0.272	68.73	
233	Total Hase-PCBs					1.3001	1.000	0.00	0.000	NO	57.74	0.400	57.74	
234	2nd Function Ode-PCBs					1.0000	1.000	0.00	0.000	NO	31.80	0.0000	31.80	
235	8th Function Ode-PCBs					1.4488	1.000	0.00	0.000	NO	6.974	0.0043	6.974	
236	Total Ode-PCBs					0.0000	1.000	0.00	0.000	NO	7.304	0.0007	7.304	
237	237 Desc-CD					0.0004	1.000	0.00	0.000	NO	2.423	0.0070	2.423	
238	238 Total PCBs													

#	Name	Qty	RA	Qty	Unit	Value	Value	Unit	Value	Unit	Value	Unit
164	PCB-202	48.03	48.01	1.000e+0	1.110e+4	0.000	0.04	NO	2.4310	2.4312		
165	PCB-201	48.10	48.10	0.000e+0	1.000e+4	0.000	0.04	NO	2.4710	2.4712		
166	PCB-204	48.28	48.28	0.210e+0	1.121e+4	0.000	0.02	NO	2.3300	2.3300		
167	PCB-187	48.58	48.58	1.073e+4	1.000e+4	0.000	0.00	NO	2.4016	2.4008		
168	PCB-200	60.61	60.61	0.000e+0	1.070e+4	0.000	0.07	NO	2.4000	2.4001		
169	PCB-188	62.08	62.08	0.000e+0	0.100e+0	0.000	0.00	NO	2.4770	2.4772		
170	PCB-189	62.18	62.21	7.000e+0	7.000e+0	0.000	1.00	NO	2.4300	2.4287		
181	PCB-188203	62.62	62.60	1.400e+4	1.000e+4	0.000	0.04	NO	4.7070	4.7067		



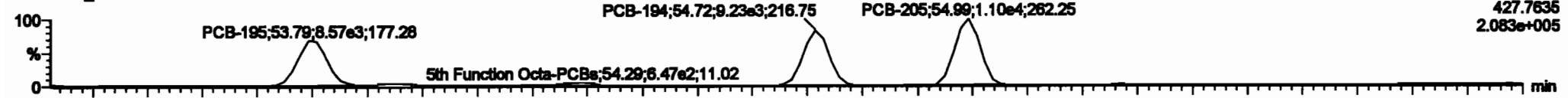
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

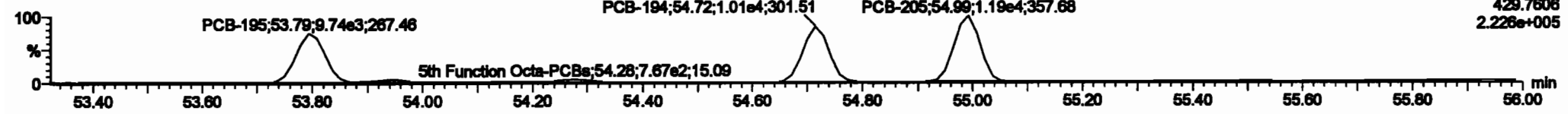
Name: 200801K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200801K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-195**

200801K1\_3

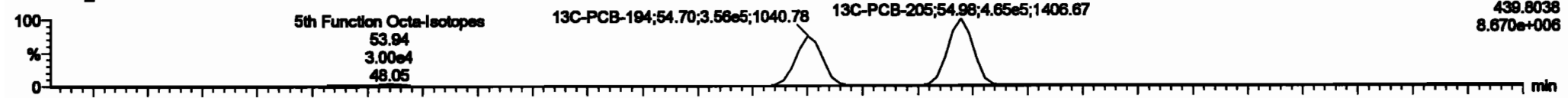


200801K1\_3

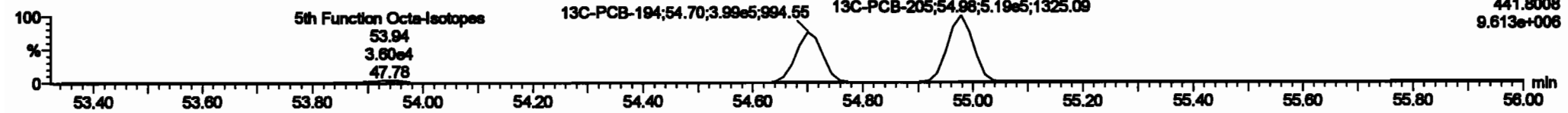


**13C-PCB-194**

200801K1\_3

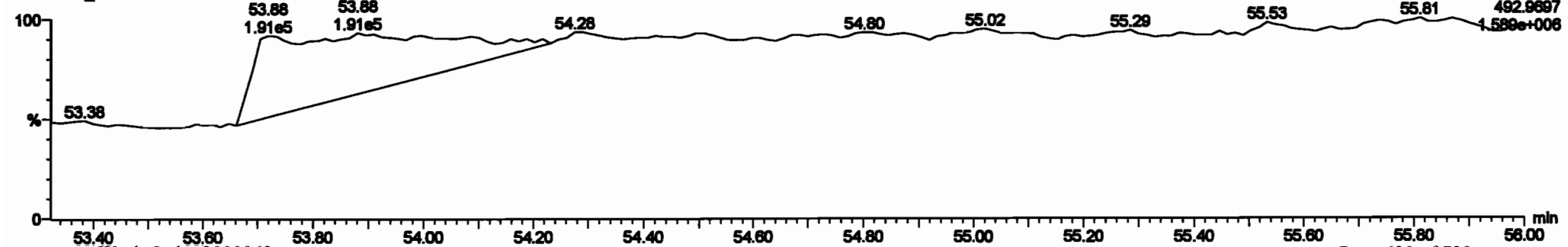


200801K1\_3



**PFK5a**

200801K1\_3



Dataset: Untitled

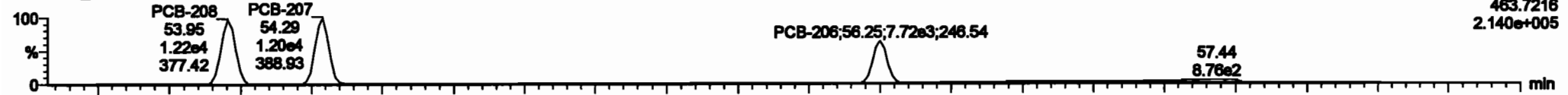
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

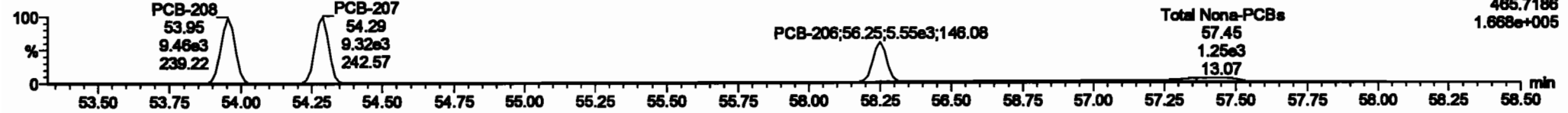
Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

**PCB-208**

200601K1\_3

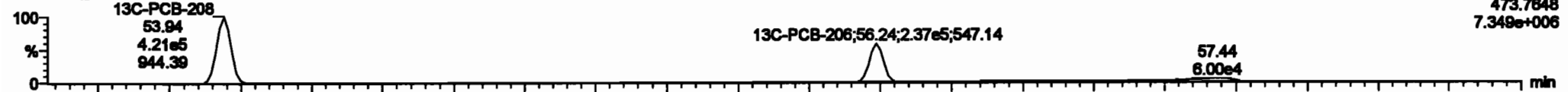


200601K1\_3

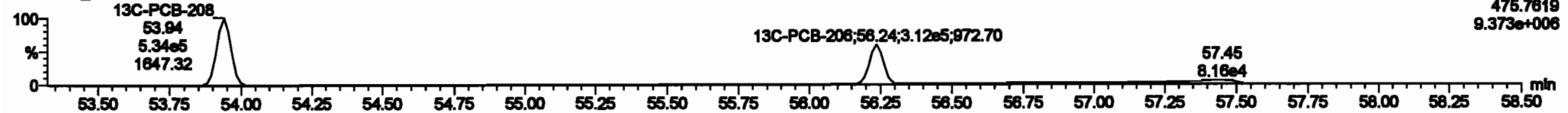


**13C-PCB-208**

200601K1\_3

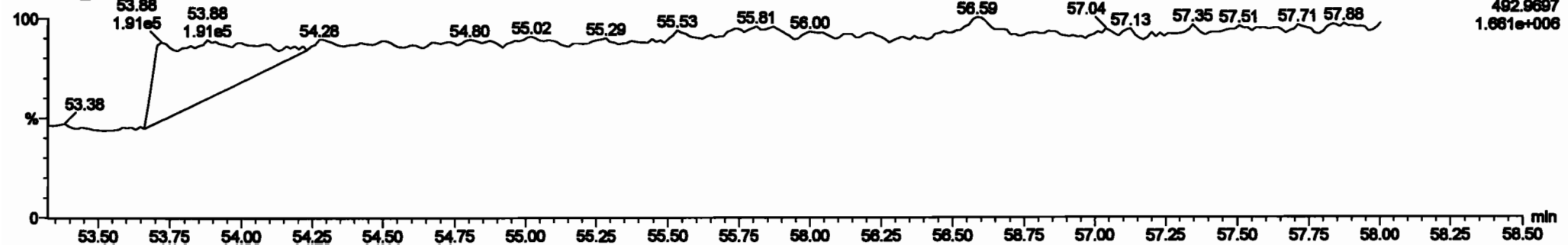


200601K1\_3



**PFK5**

200601K1\_3



Dataset: Untitled

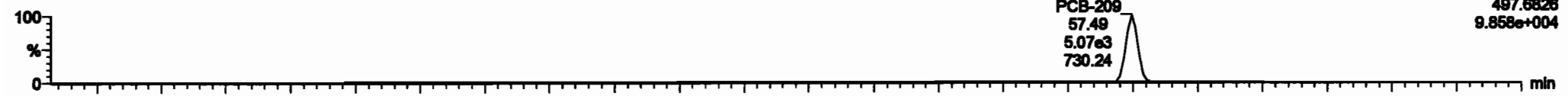
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

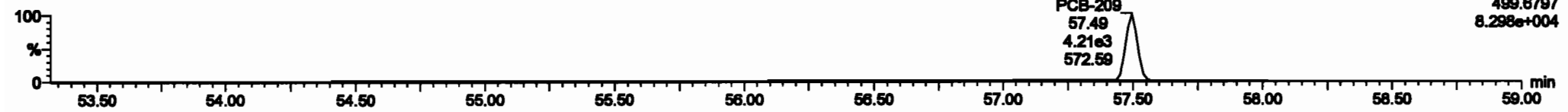
**PCB-209**

200601K1\_3



F5:Voltage SIR,EI+  
497.6826  
9.858e+004

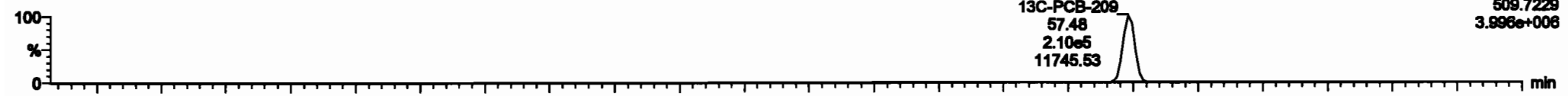
200601K1\_3



F5:Voltage SIR,EI+  
499.6797  
8.298e+004

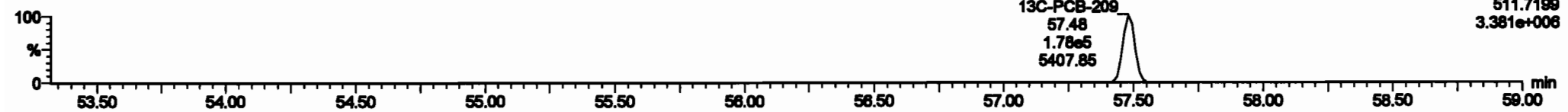
**13C-PCB-209**

200601K1\_3



F5:Voltage SIR,EI+  
509.7229  
3.996e+006

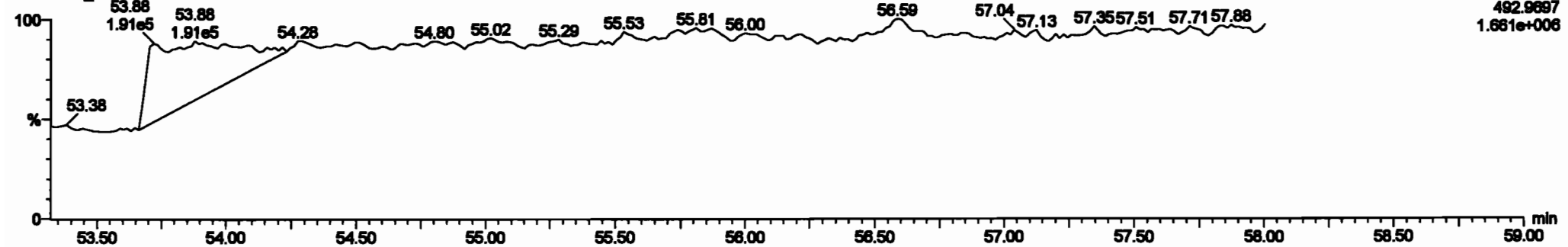
200601K1\_3



F5:Voltage SIR,EI+  
511.7199  
3.381e+006

**PFK5b**

200601K1\_3



F5:Voltage SIR,EI+  
492.9897  
1.681e+006

Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

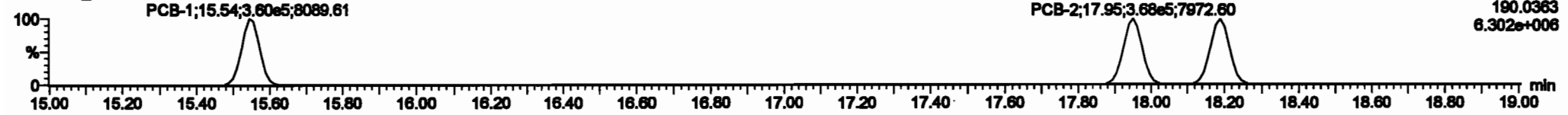
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-1**

200601K1\_4

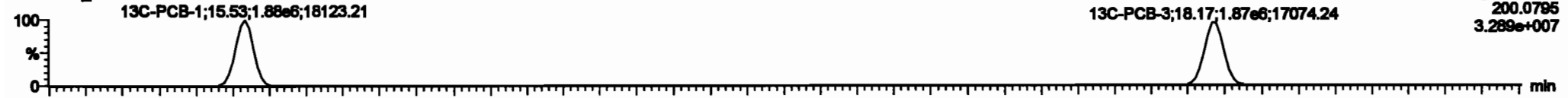


200601K1\_4

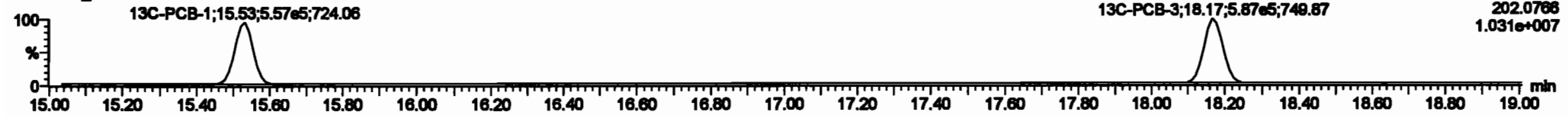


**13C-PCB-1**

200601K1\_4

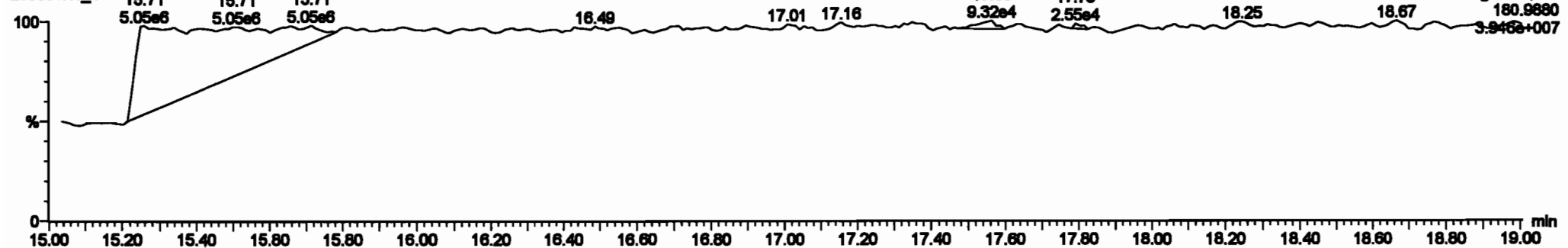


200601K1\_4



**PFK1**

200601K1\_4





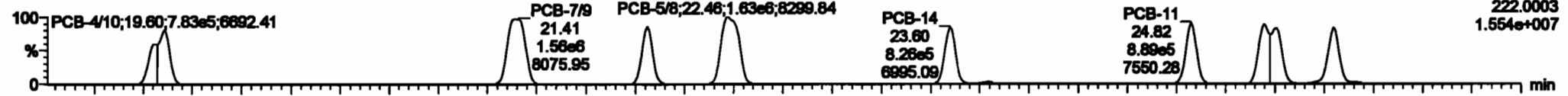
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

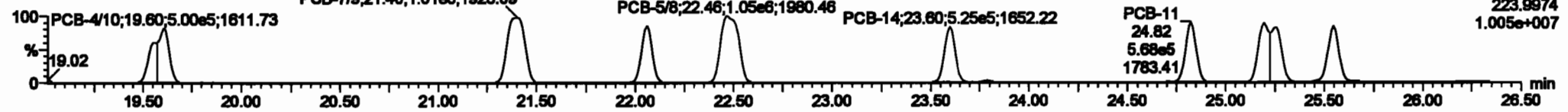
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-4/10**

200601K1\_4

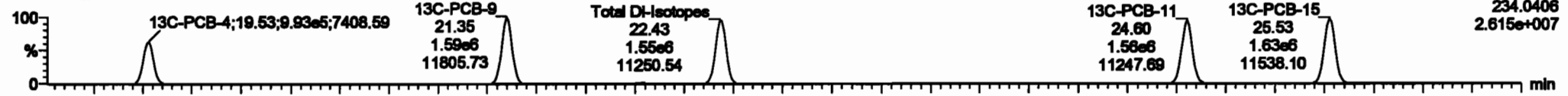


200601K1\_4

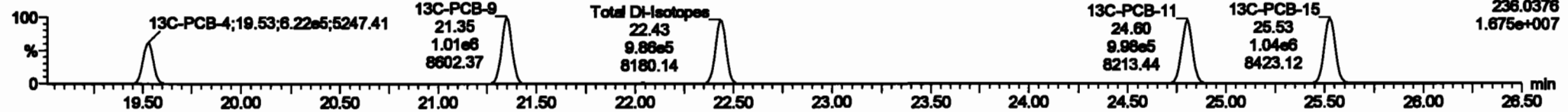


**13C-PCB-4**

200601K1\_4

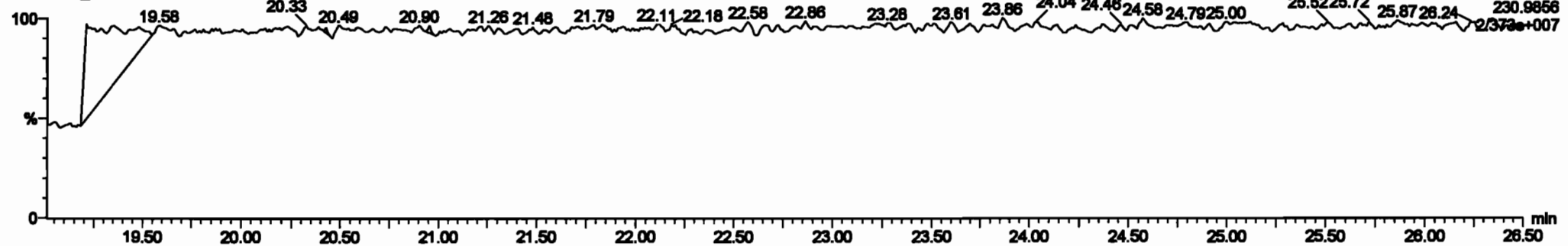


200601K1\_4



**PFK2a**

200601K1\_4



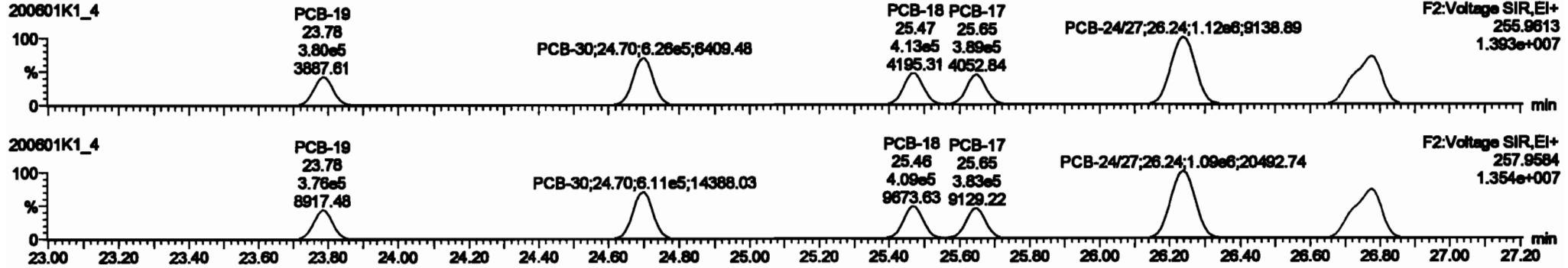


Dataset: Untitled

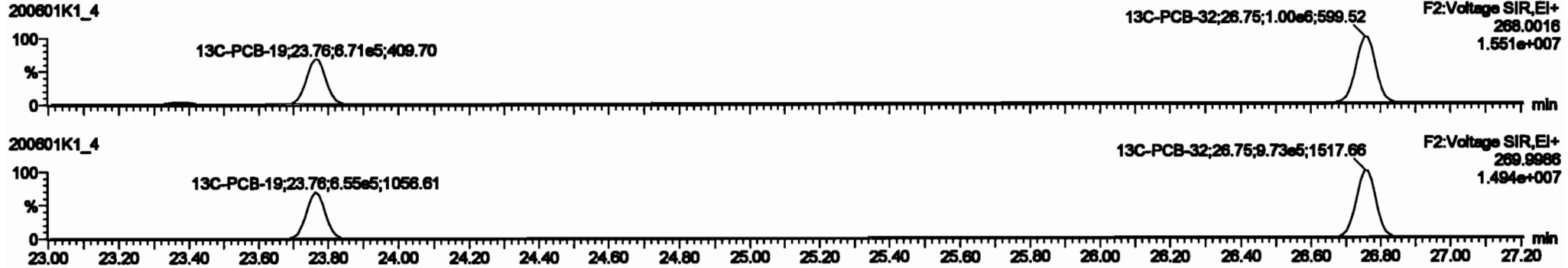
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

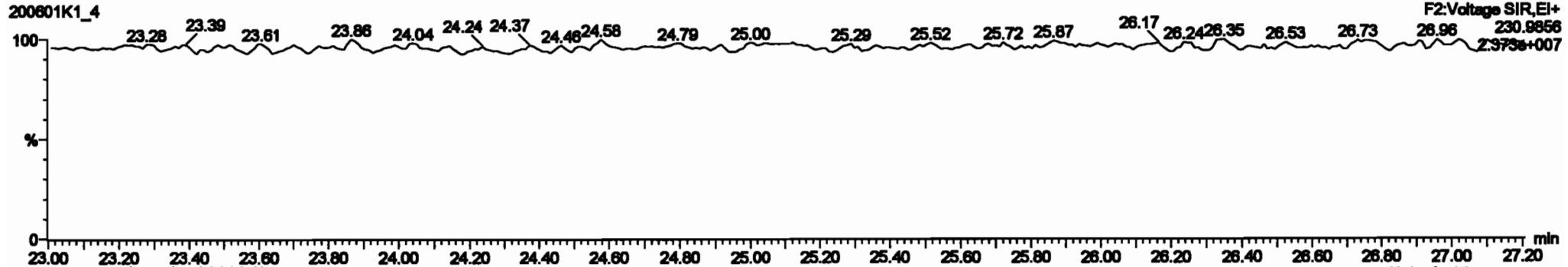
PCB-19



13C-PCB-19



PFK2b

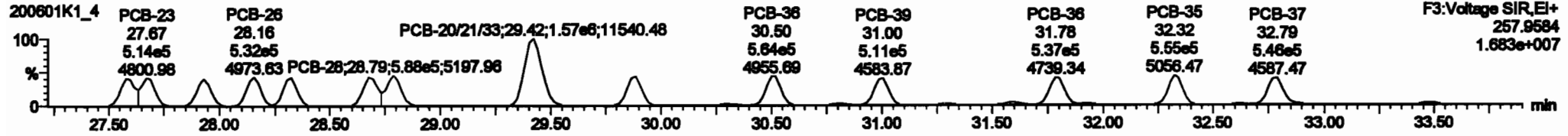
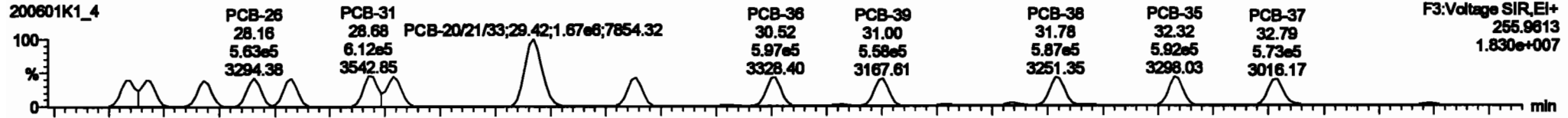


Dataset: Untitled

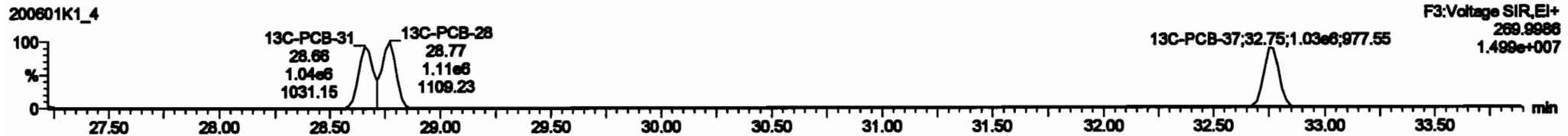
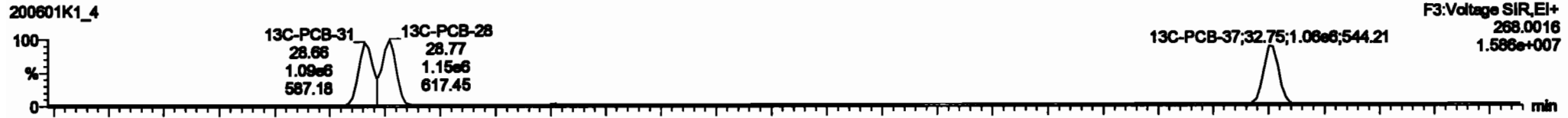
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

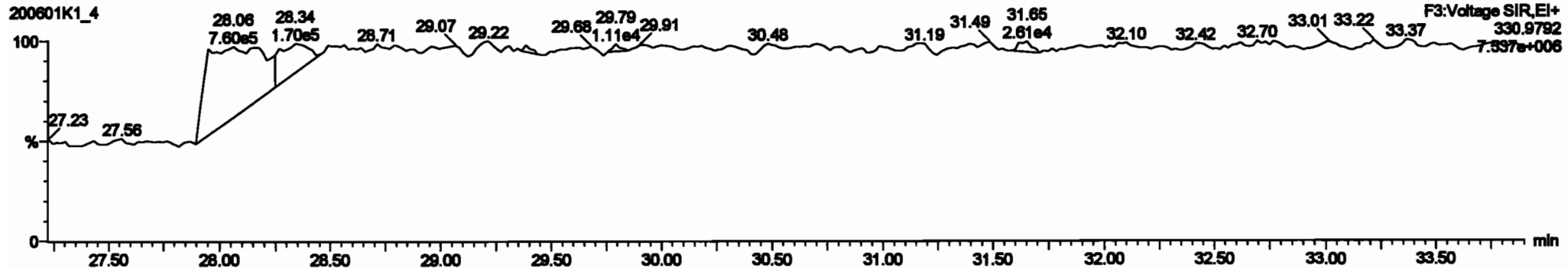
**PCB-34**



**13C-PCB-28**



**PFK3d**



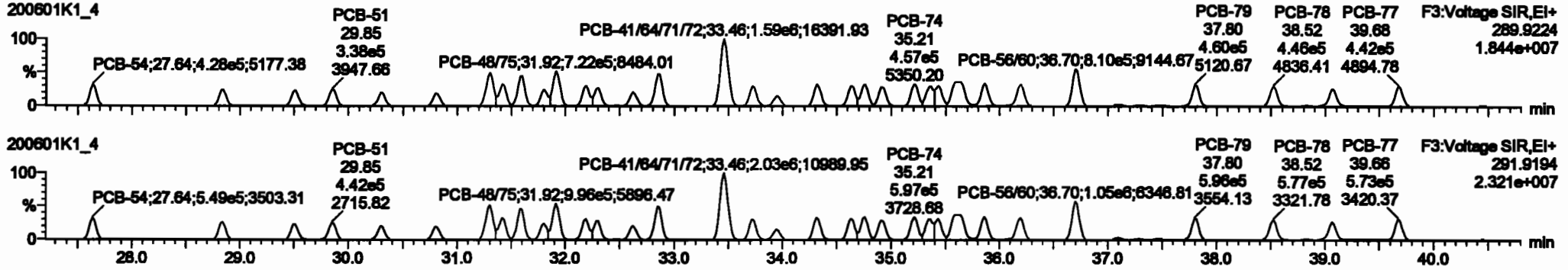


Dataset: Untitled

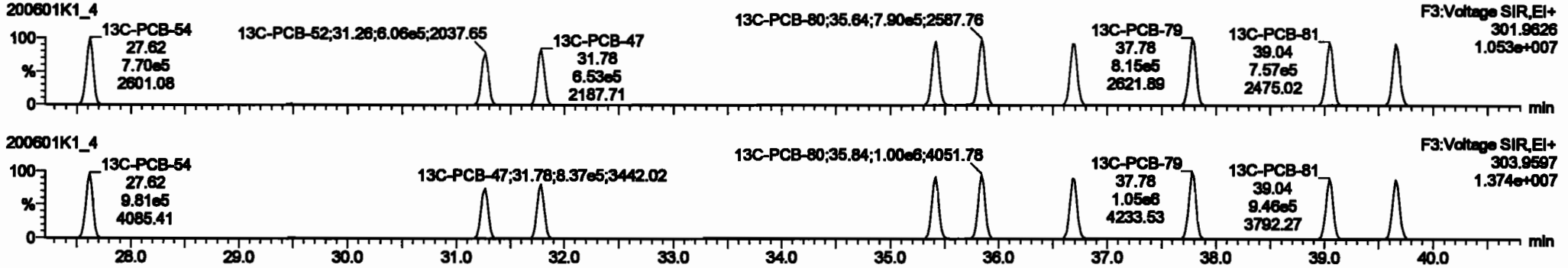
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

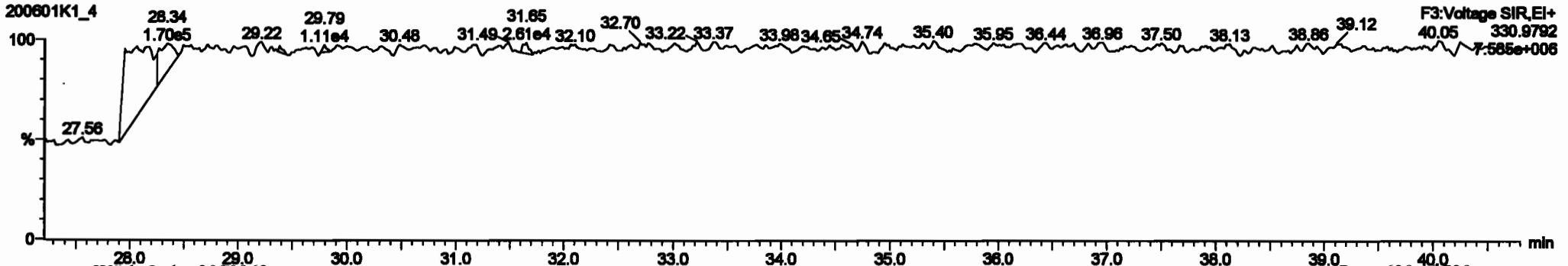
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

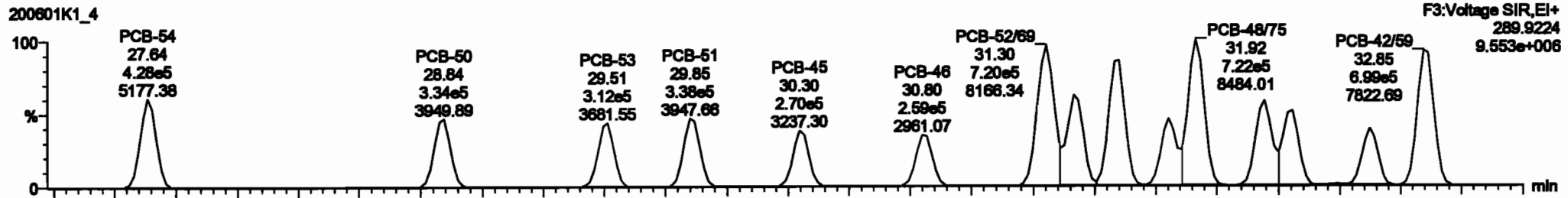
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

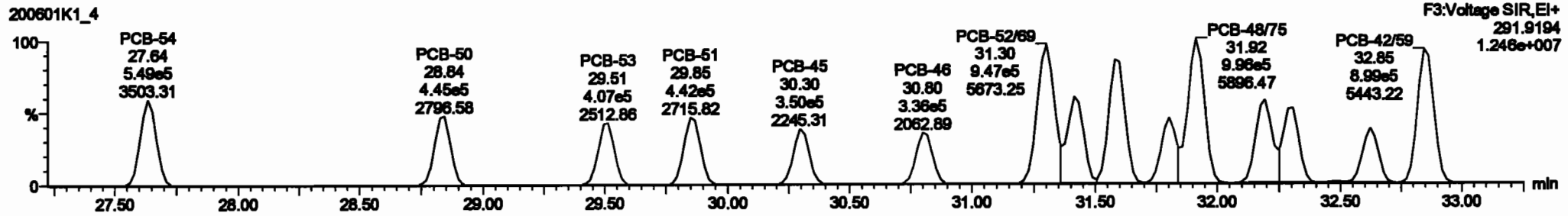
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-50

200601K1\_4



200601K1\_4

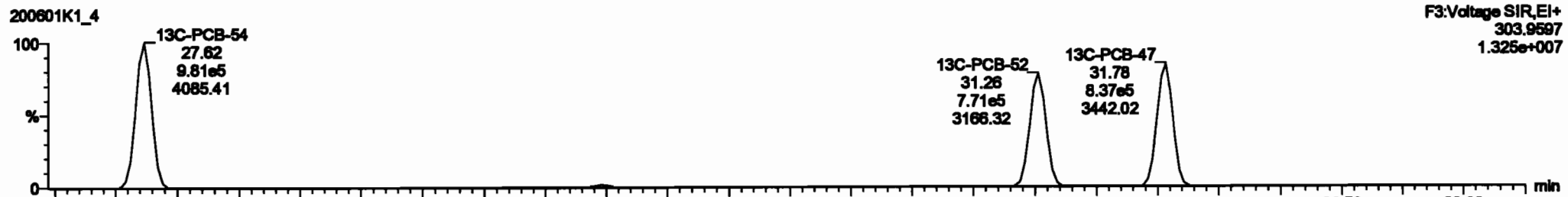


13C-PCB-52

200601K1\_4



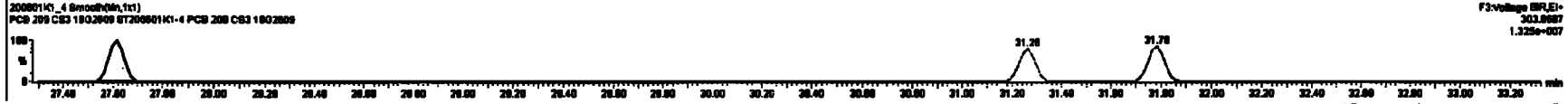
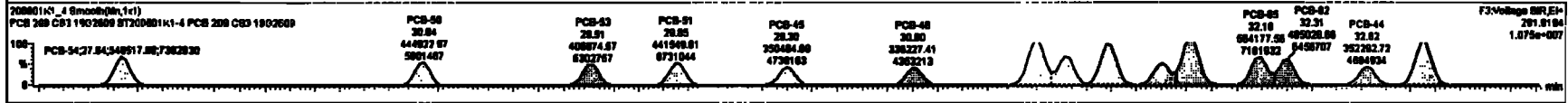
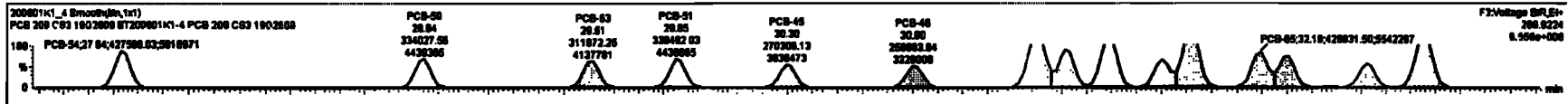
200601K1\_4





#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	REC	WRT	Comp	Ratio	DL	WPC
226	Total Mono-PCBs				1.000	1.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	
227	Total Di-PCBs				1.000	1.000	0.00	0.000	0.000	NO	010.4		0.000	010.4	
228	Total Tri-PCBs				1.000	1.000	0.00	0.000	0.000	NO	412.5		0.000	412.5	
229	1st Function Tri-PCBs				0.000	1.000	0.00	0.000	0.000	NO	010.1		0.000	010.1	
230	2nd Function Tri-PCBs				1.000	0.000	0.00	0.000	0.000	NO	010.1		0.000	010.1	
231	3rd Function Tri-PCBs				1.000	0.000	0.00	0.000	0.000	NO	010.1		0.000	010.1	
232	1st Function Tetra-PCBs				1.000	0.000	0.00	0.000	0.000	NO	240.0		0.000	240.0	
233	2nd Function Tetra-PCBs				1.000	0.000	0.00	0.000	0.000	NO	240.0		0.000	240.0	
234	3rd Function Tetra-PCBs				1.000	0.000	0.00	0.000	0.000	NO	240.0		0.000	240.0	
235	4th Function Tetra-PCBs				1.000	0.000	0.00	0.000	0.000	NO	240.0		0.000	240.0	
236	Total Penta-PCBs				1.000	0.000	0.00	0.000	0.000	NO	140.1		1.00	140.1	
237	1st Function Penta-PCBs				1.000	0.000	0.00	0.000	0.000	NO	140.1		1.00	140.1	
238	2nd Function Penta-PCBs				1.000	0.000	0.00	0.000	0.000	NO	140.1		1.00	140.1	
239	3rd Function Penta-PCBs				1.000	0.000	0.00	0.000	0.000	NO	140.1		1.00	140.1	
240	4th Function Penta-PCBs				1.000	0.000	0.00	0.000	0.000	NO	140.1		1.00	140.1	
241	Total Hexa-PCBs				1.000	0.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	
242	1st Function Hexa-PCBs				1.000	0.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	
243	2nd Function Hexa-PCBs				1.000	0.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	
244	3rd Function Hexa-PCBs				1.000	0.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	
245	4th Function Hexa-PCBs				1.000	0.000	0.00	0.000	0.000	NO	100.1		0.000	100.1	

#	Name	Value	RT	RT Range	Peak	Area	dy	W/F	valdet	PeakRT	REC	WRT	Comp	Ratio	DL	WPC
32	PCB-54	27.84	27.84	4.270e5	5.490e5	0.770	0.78	NO	91.824	91.824						
33	PCB-50	28.80	28.84	3.240e5	4.440e5	0.770	0.78	NO	90.570	90.570						
34	PCB-53	28.80	28.81	3.120e5	4.080e5	0.770	0.77	NO	92.208	92.208						
35	PCB-51	28.80	28.85	3.280e5	4.410e5	0.770	0.77	NO	93.201	93.201						
36	PCB-45	30.30	30.30	2.700e5	3.600e5	0.770	0.77	NO	92.550	92.550						
37	PCB-46	30.30	30.35	2.600e5	3.460e5	0.770	0.77	NO	92.903	92.903						
38	PCB-48	31.50	31.20	1.200e5	0.470e5	0.770	0.78	NO	100.000	100.000						
39	PCB-73	31.41	31.41	4.800e5	0.820e5	0.770	0.78	NO	93.621	93.621						
40	PCB-43	31.80	31.80	6.200e5	0.314e5	0.770	0.77	NO	108.07	108.07						



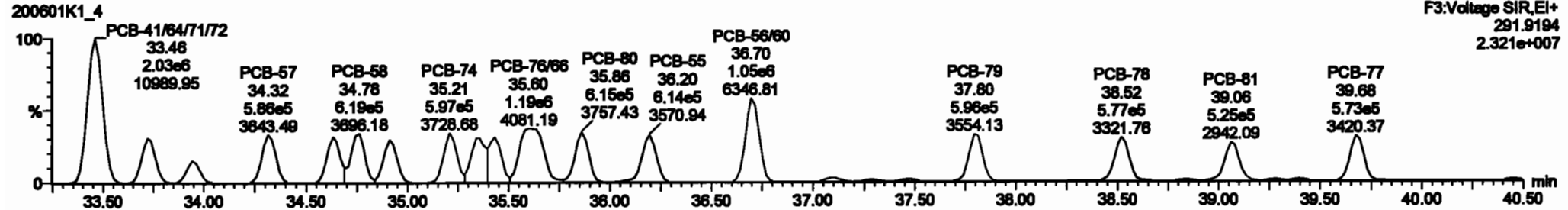
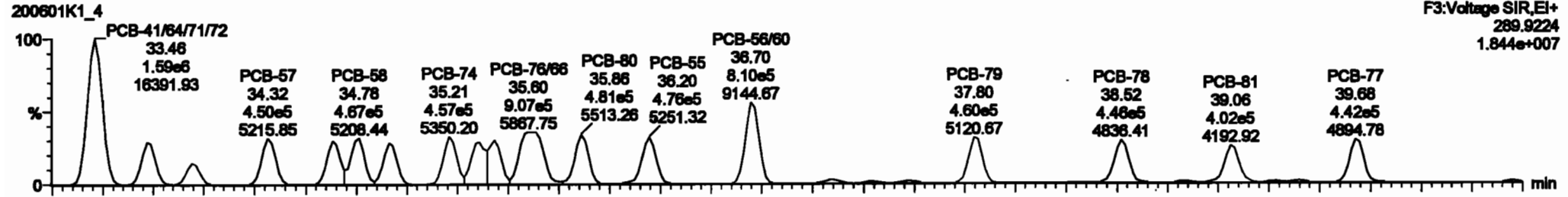
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

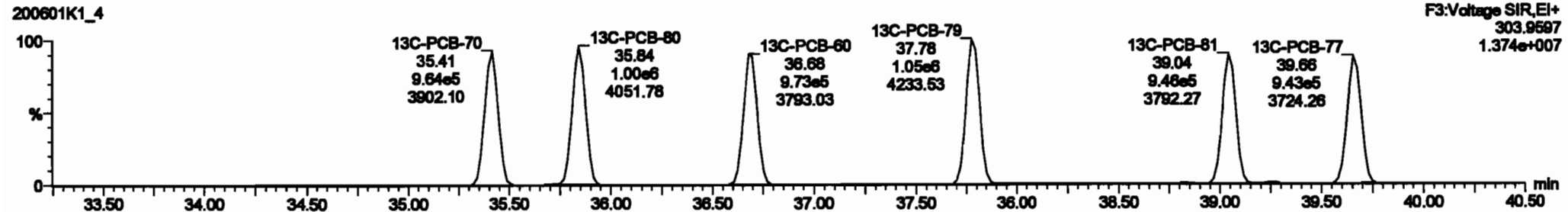
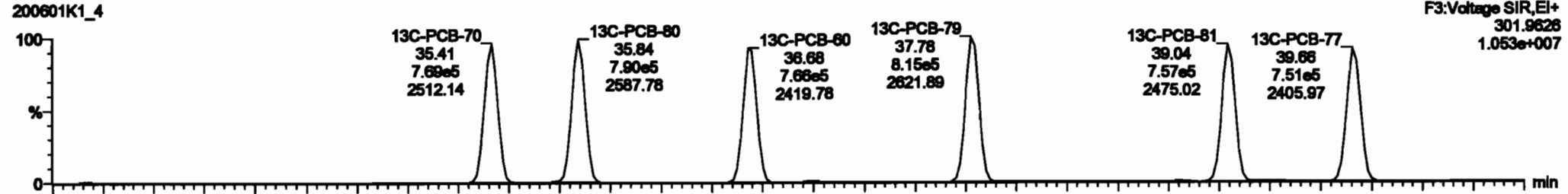
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-68

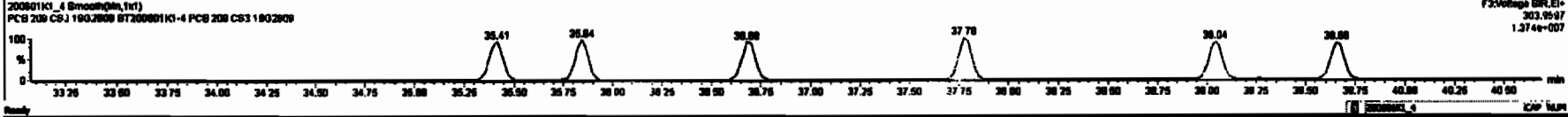
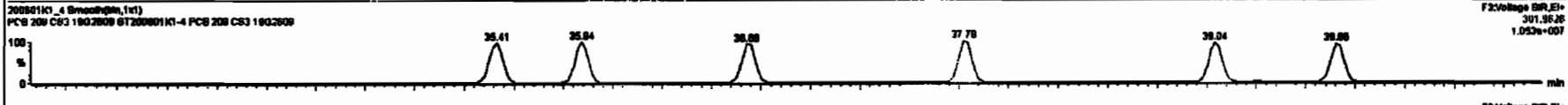
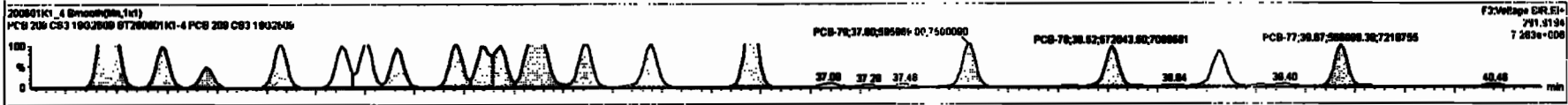
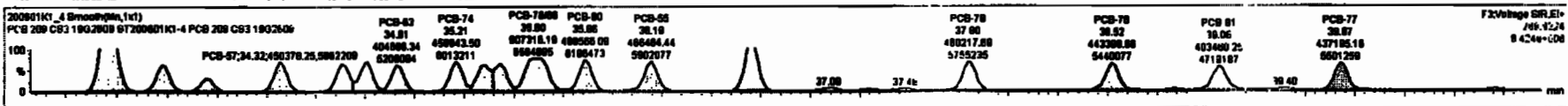


13C-PCB-60



#	Name	Resp	RA	RI	RRP	valvol	ProdRT	RT	ProdR	PWT	RTT Pst	Class	Value	Q	BMPC
224	Total Mono-PCBs				1.1895	1.000	0.80	0.000		NO	198.1		0.0242	198.1	
225	Total Di-PCBs				1.0527	1.000	0.80	0.000		NO	818.4		0.288	818.4	
226	2nd Furthest Tri-PCBs				1.0897	1.000	0.80	0.000		NO	412.5		0.0878	412.5	
227	3rd Furthest Tri-PCBs				0.9828	1.000	0.80	0.000		NO	816.1		0.371	816.1	
228	Total Tetra-PCBs				1.0798	1.000	0.80	0.000		NO	277.1		0.052	277.1	
229	2nd Furthest Penta-PCBs				1.3187	1.000	0.80	0.000		NO	218.5		0.025	218.5	
230	4th Furthest Penta-PCBs				1.0735	1.000	0.80	0.000		NO	281.1		0.182	281.1	
231	3rd Furthest Hexa-PCBs				0.9828	1.000	0.80	0.000		NO	887.0		0.188	887.0	
232	4th Furthest Hexa-PCBs				1.0918	1.000	0.80	0.000		NO	1481		1.88	1481	
233	Total Hepta-PCBs				1.2891	1.000	0.80	0.000		NO	1283		1.28	1283	
234	4th Furthest Octa-PCBs				1.0008	1.000	0.80	0.000		NO	448.1		0.222	448.1	
235	Total 10th Furthest Octa-PCBs				1.4488	1.000	0.80	0.000		NO	184.1		0.288	184.1	

#	Name	Area	RT	Std Resp	Std Range	Y1 Value (Peak)	Y2	RI	BMPC
23	PCB-84	27.84	27.84	4.27e6	5.69e6	0.770	0.79	NO	81.824
24	PCB-80	28.89	28.84	3.26e6	4.41e6	0.770	0.75	NO	82.578
25	PCB-83	28.89	28.81	3.12e6	4.08e6	0.770	0.77	NO	82.588
26	PCB-81	28.85	28.85	3.26e6	4.41e6	0.770	0.77	NO	83.201
27	PCB-85	30.20	30.20	2.70e6	3.62e6	0.770	0.77	NO	82.638
28	PCB-86	30.80	30.80	2.89e6	3.85e6	0.770	0.77	NO	82.043
29	PCB-42/88	31.20	31.20	7.22e6	9.47e6	0.770	0.78	NO	103.88
30	PCB-73	31.41	31.41	4.89e6	6.63e6	0.770	0.78	NO	93.821
31	PCB-43/89	31.98	31.88	8.28e6	1.1e7	0.770	0.77	NO	105.07



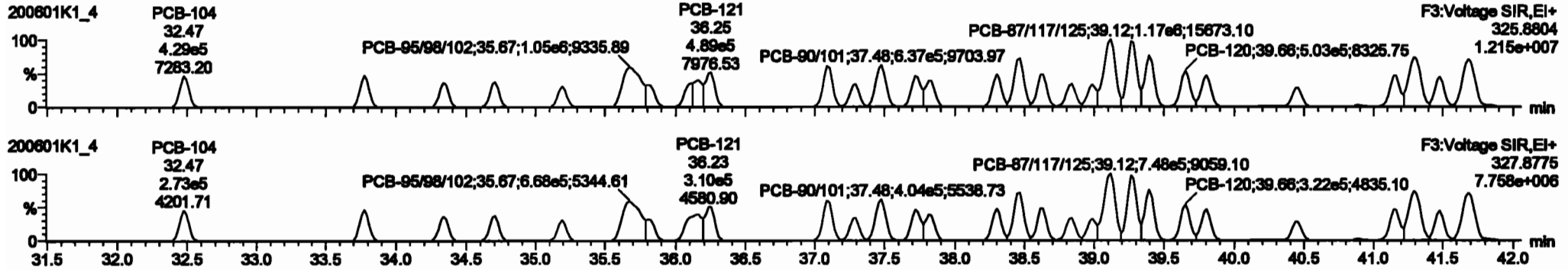
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

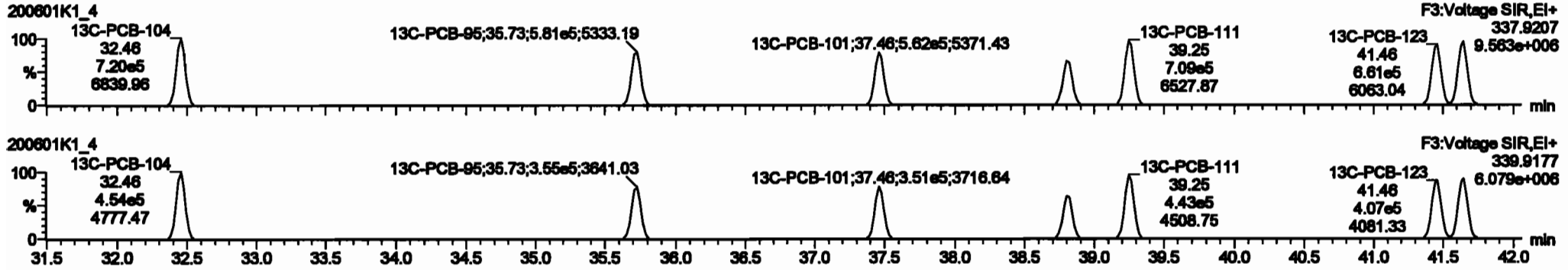
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

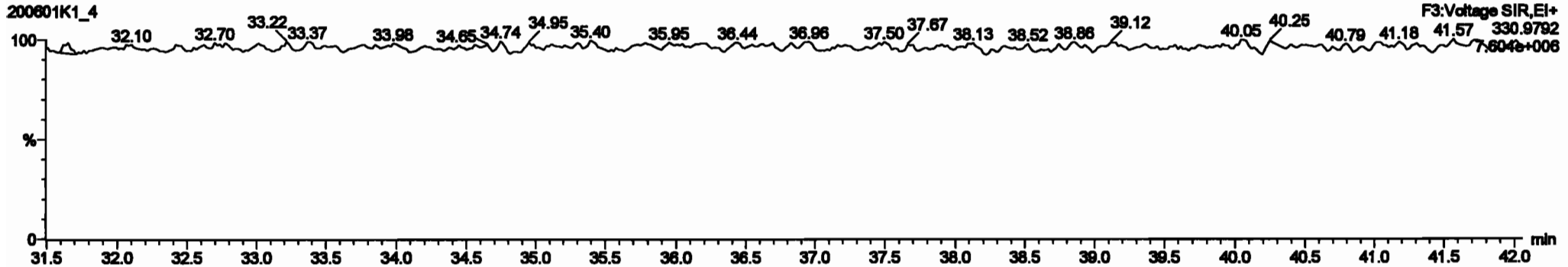
**PCB-104**



**13C-PCB-104**



**PFK3b**



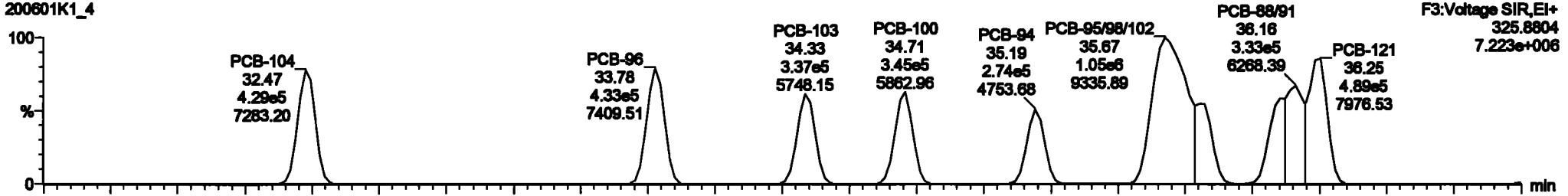
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

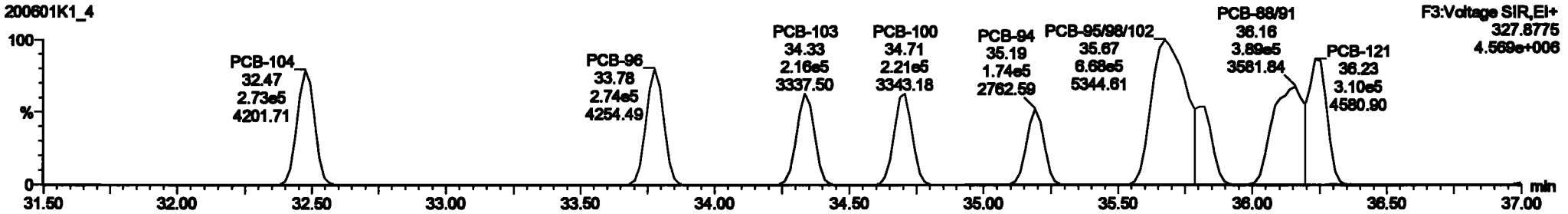
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-96

200601K1\_4

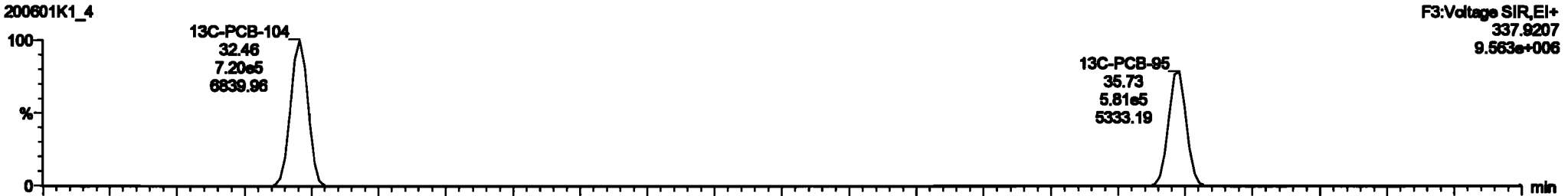


200601K1\_4

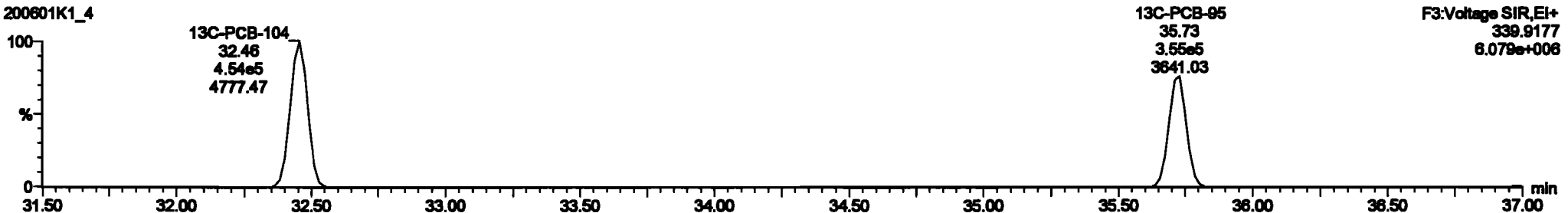


13C-PCB-95

200601K1\_4

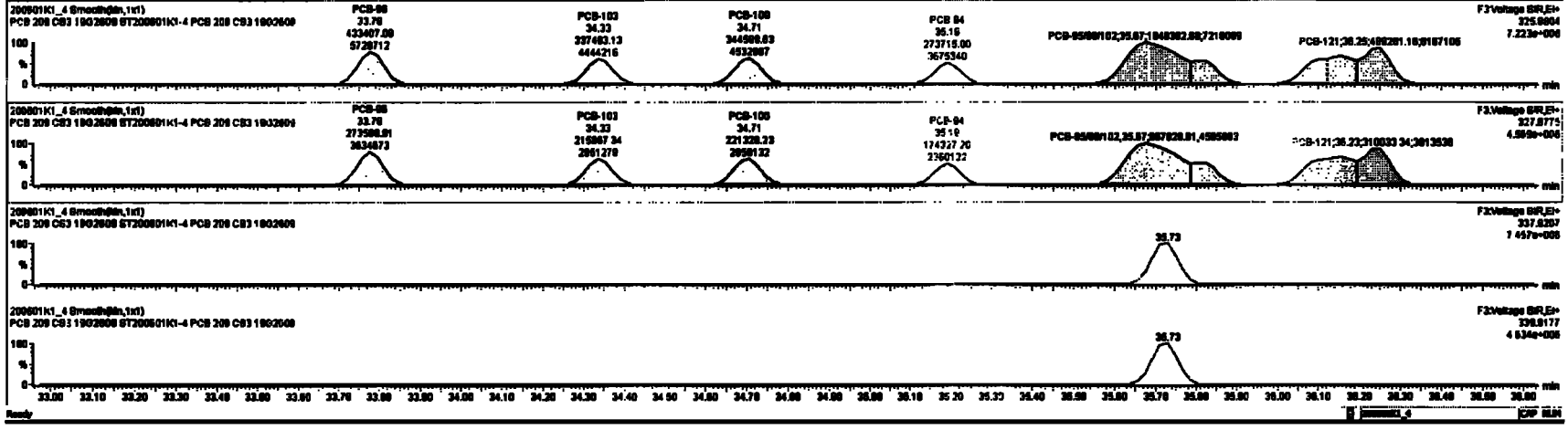


200601K1\_4



#	Category	Wgtg	Qty	Qty	Wgtg	Wgtg	Wgtg	RT	PresR	WPC	WPC	WPC	WPC	WPC	WPC	WPC	WPC
224	Total Micro-PCBs				1.000	1.000	0.00		0.000	NO	189.1	0.0242	189.1				
225	Total BL-PCBs				1.000	1.000	0.00		0.000	NO	818.4	0.288	818.4				
226	Total Para-PCBs				1.000	1.000	0.00		0.000	NO	412.0	0.0890	412.0				
227	Total Para-PCBs				0.950	1.000	0.00		0.000	NO	818.1	0.391	818.1				
228	Total Para-PCBs				1.070	1.000	0.00		0.000	NO	2171	0.943	2171				
229	Total Para-PCBs				1.200	1.000	0.00		0.000	NO	1100	0.250	1100				
230	4th Para-PCBs				1.070	1.000	0.00		0.000	NO	291.1	0.140	291.1				
231	3rd Para-PCBs				0.950	1.000	0.00		0.000	NO	897.0	0.160	897.0				
232	4th Para-PCBs				1.020	1.000	0.00		0.000	NO	1481	1.68	1481				
233	Total Para-PCBs				1.200	1.000	0.00		0.000	NO	1280	1.28	1280				
234	4th Para-PCBs				1.000	1.000	0.00		0.000	NO	446.1	0.322	446.1				
235	4th Para-PCBs				1.100	1.000	0.00		0.000	NO	194.1	0.261	194.1				

#	Category	PresR	RT	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg	Wgtg
84	PCB-104	32.47	32.47	4.20e6	2.72e6	1.800	1.87	NO	83.294	83.294							
85	PCB-88	33.76	33.76	4.20e6	2.72e6	1.800	1.88	NO	82.188	82.188							
86	PCB-103	34.23	34.23	3.27e6	2.10e6	1.800	1.89	NO	83.288	83.288							
87	PCB-109	34.80	34.71	3.44e6	2.27e6	1.800	1.88	NO	83.818	83.818							
88	PCB-84	35.21	35.13	2.72e6	1.79e6	1.800	1.87	NO	83.488	83.488							
89	PCB-85888888	35.88	35.87	1.40e6	0.97e6	1.800	1.87	NO	183.28	183.28							
70	PCB-83	36.81	36.81	2.03e6	1.37e6	1.800	1.83	NO	83.382	83.382							
71	PCB-8888	38.10	38.16	0.87e6	0.82e6	1.800	1.88	NO	100.02	100.02							
72	PCB-121	38.28	38.28	4.08e6	3.50e6	1.800	1.88	NO	48.888	48.888							



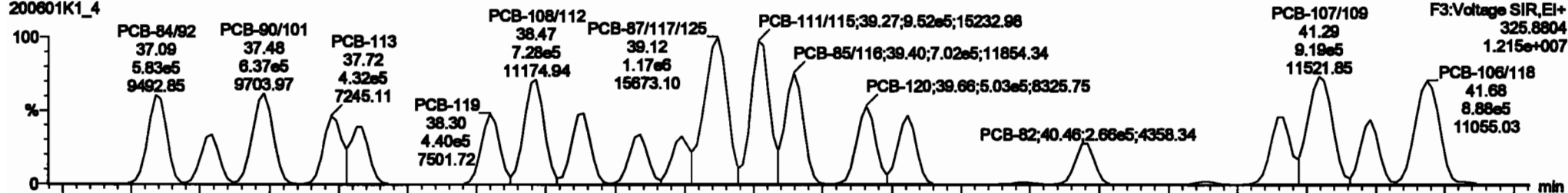
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

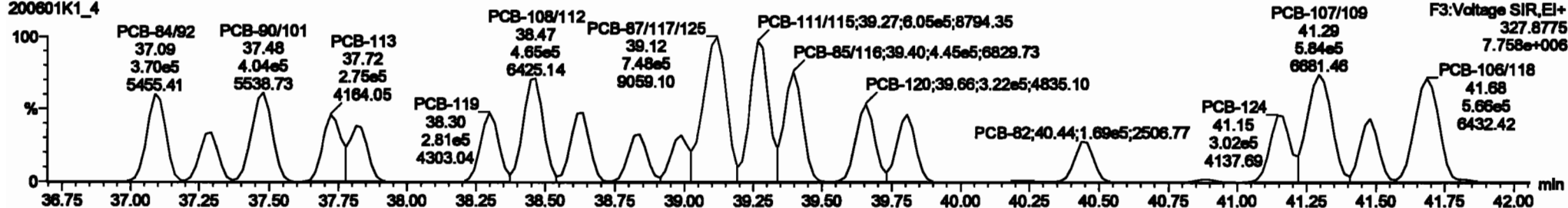
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-119

200601K1\_4

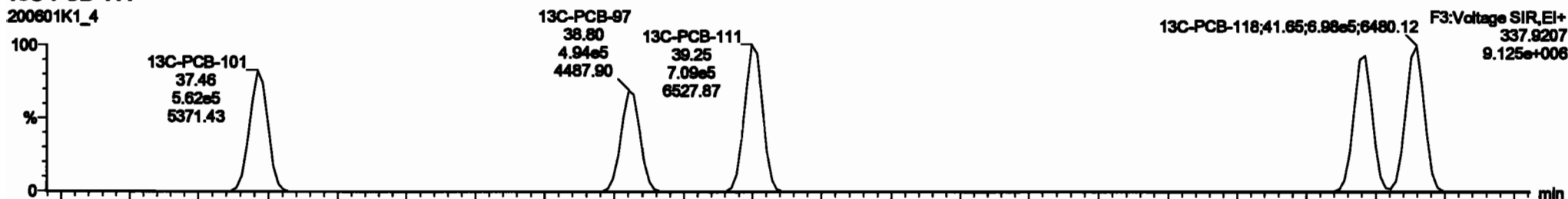


200601K1\_4

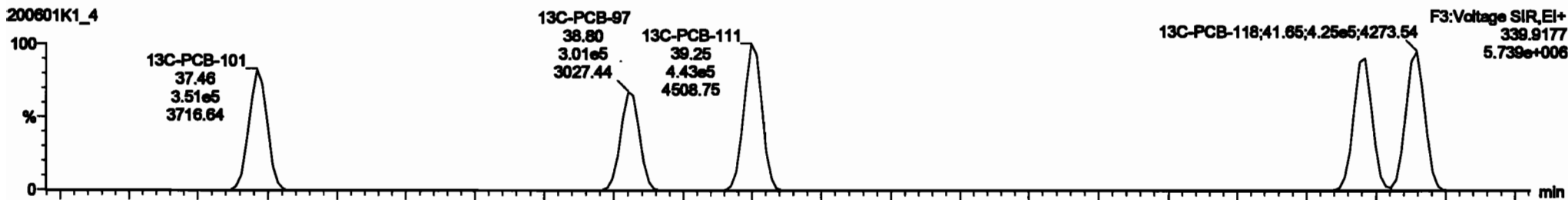


13C-PCB-111

200601K1\_4



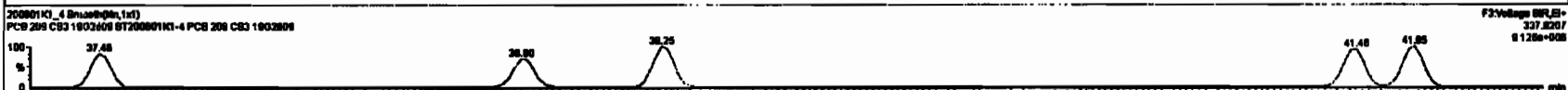
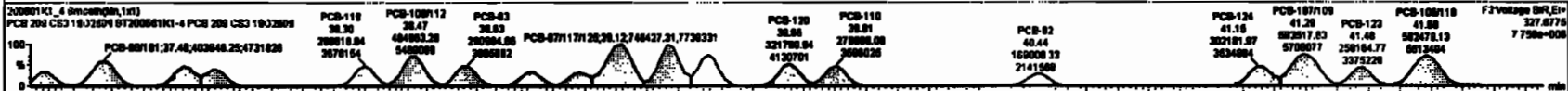
200601K1\_4





#	Name	Range	RA	Qty	Unit	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF
234	Total Micro-PCBs		1.000	1,000	0.00	0.000	NO	188.1		0.000		0.000		188.1		0.000		188.1	
235	Total D-PCBs		1.000	1,000	0.00	0.000	NO	818.4		0.000		0.000		818.4		0.000		818.4	
236	2nd Function TM-PCBs		1.000	1,000	0.00	0.000	NO	412.8		0.000		0.000		412.8		0.000		412.8	
237	2nd Function TM-PCBs		0.000	1,000	0.00	0.000	NO	816.1		0.000		0.000		816.1		0.000		816.1	
238	Total TMS-PCBs		1.000	1,000	0.00	0.000	NO	2171		0.000		0.000		2171		0.000		2171	
239	4th Function Hesa-PCBs		1.000	1,000	0.00	0.000	NO	281.1		0.000		0.000		281.1		0.000		281.1	
240	2nd Function Hesa-PCBs		0.000	1,000	0.00	0.000	NO	887.0		0.000		0.000		887.0		0.000		887.0	
241	4th Function Hesa-PCBs		1.000	1,000	0.00	0.000	NO	1481		0.000		0.000		1481		0.000		1481	
242	Total Hesa-PCBs		1.000	1,000	0.00	0.000	NO	1280		0.000		0.000		1280		0.000		1280	
243	4th Function Cds-PCBs		1.000	1,000	0.00	0.000	NO	446.1		0.000		0.000		446.1		0.000		446.1	
244	4th Function Cds-PCBs		1.000	1,000	0.00	0.000	NO	184.1		0.000		0.000		184.1		0.000		184.1	

#	Name	ProdRate	DF	off Range	off Range	1 <sup>st</sup> Peak (Prod)	RA	Qty	Unit	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF	ProdRate	DF
64	PCB-118	32.47	32.47	4.20e+0	2.72e+0	1.280	1.87	NO	83.234	83.234									
65	PCB-43	83.76	33.76	4.20e+0	2.72e+0	1.280	1.88	NO	82.189	82.189									
66	PCB-109	24.23	24.23	3.37e+0	2.18e+0	1.280	1.88	NO	83.288	83.288									
67	PCB-103	24.09	24.71	3.44e+0	2.21e+0	1.280	1.88	NO	83.818	83.818									
68	PCB-81	28.21	28.10	2.72e+0	1.74e+0	1.280	1.87	NO	83.488	83.488									
69	PCB-44	28.08	28.07	1.84e+0	0.87e+0	1.280	1.87	NO	182.28	182.28									
70	PCB-48	28.81	28.81	2.58e+0	1.74e+0	1.280	1.83	NO	82.282	82.282									
71	PCB-88	28.18	28.18	0.87e+0	3.88e+0	1.280	1.88	NO	188.02	188.02									
72	PCB-121	28.28	28.28	4.88e+0	3.10e+0	1.280	1.88	NO	48.888	48.888									



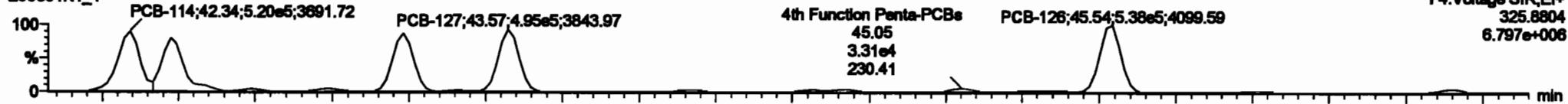
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

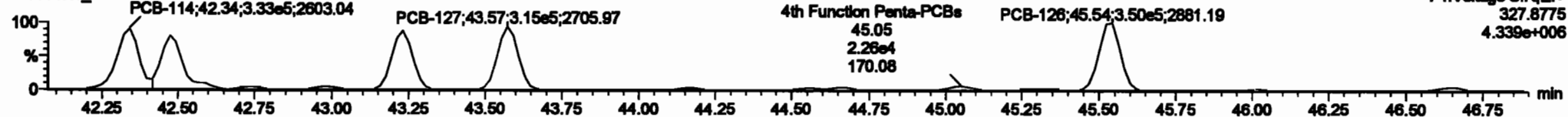
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-114**

200601K1\_4

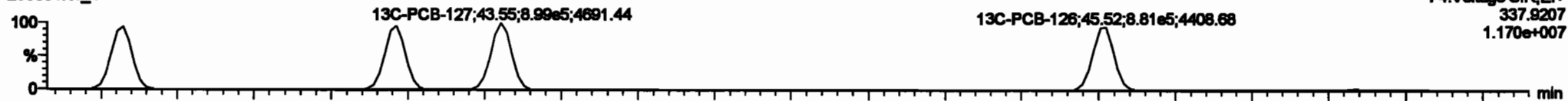


200601K1\_4

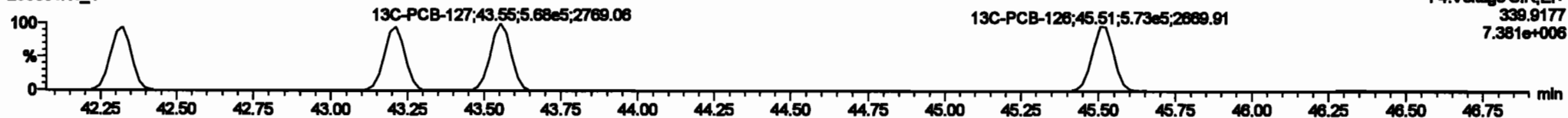


**13C-PCB-114**

200601K1\_4

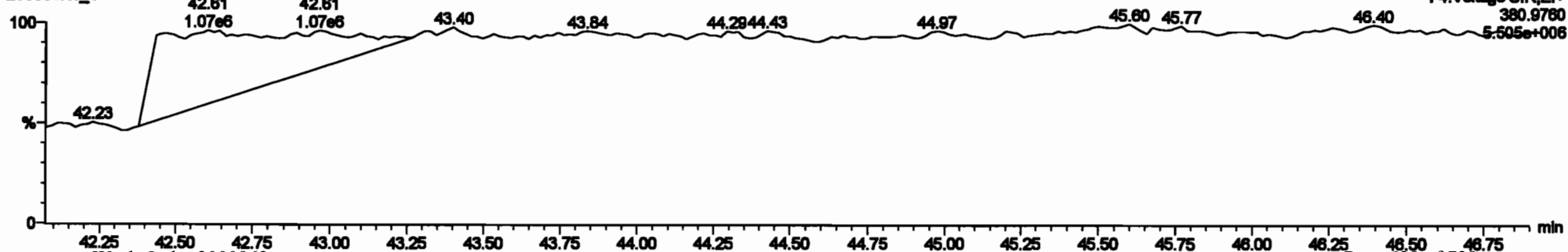


200601K1\_4



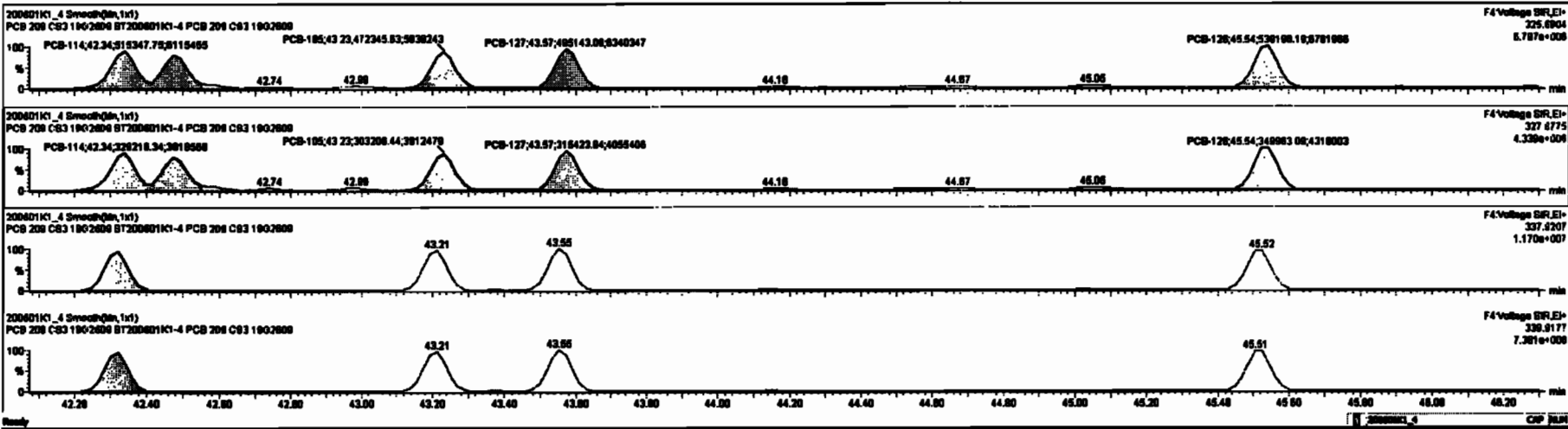
**PFK4a**

200601K1\_4



#	Name	Range	BA	Units	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row
224	Total Mono-PCBs				1.1885	1.000	0.000		0.000		NO	198.1		0.0042	198.1					
225	Total Di-PCBs				1.0837	1.000	0.000		0.000		NO	818.4		0.269	818.4					
226	2nd Function Tri-PCBs				1.2607	1.000	0.000		0.000		NO	412.5		0.0070	412.5					
227	3rd Function Tri-PCBs				0.9828	1.000	0.000		0.000		NO	818.1		0.371	818.1					
228	Total Tetra-PCBs				1.5778	1.000	0.000		0.000		NO	2171		0.843	2171					
229	2nd Function Penta-PCBs				1.3157	1.000	0.000		0.000		NO	2168		0.823	2168					
230	3rd Function Penta-PCBs				1.0224	1.000	0.000		0.000		NO	289.2		0.488	289.2					
231	2nd Function Hexa-PCBs				0.8886	1.000	0.000		0.000		NO	99.0		0.188	99.0					
232	3rd Function Hexa-PCBs				1.0218	1.000	0.000		0.000		NO	1481		1.55	1481					
233	Total Hepta-PCBs				1.3891	1.000	0.000		0.000		NO	1280		1.28	1280					
234	3rd Function Octa-PCBs				1.0228	1.000	0.000		0.000		NO	445.1		0.322	445.1					
235	2nd Function Octa-PCBs				1.1488	1.000	0.000		0.000		NO	184.1		0.260	184.1					

#	Name	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row
83	PCB-114	42.34	42.34	6.182e5	3.282e5	1.580	1.87	NO	82.841	82.841									
94	PCB-122	42.48	42.47	4.218e5	2.889e5	1.580	1.88	NO	82.105	82.105									
85	PCB-105	43.23	43.23	4.722e5	3.022e5	1.580	1.88	NO	82.880	82.880									
88	PCB-127	43.87	43.87	4.881e5	3.184e5	1.580	1.87	NO	82.188	82.188									
87	PCB-128	45.84	45.84	6.382e5	3.900e5	1.580	1.84	NO	82.138	82.138									



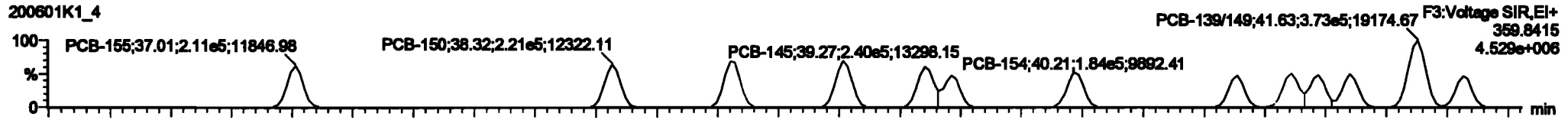
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

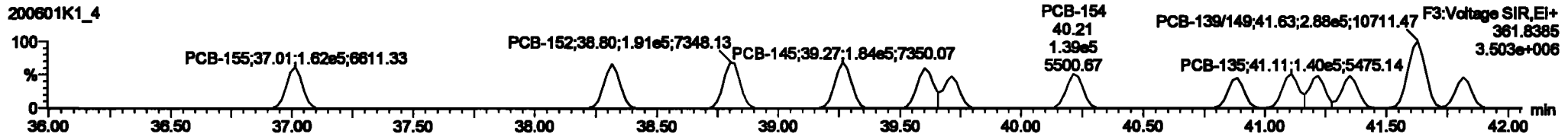
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-155**

200601K1\_4

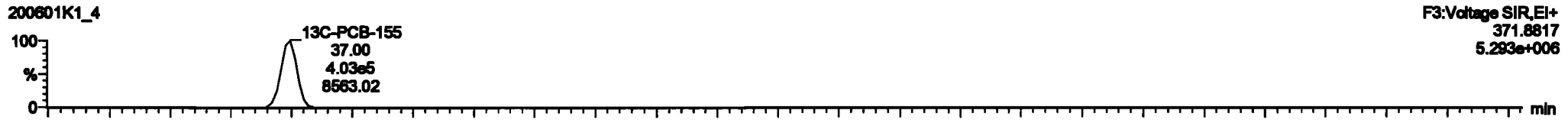


200601K1\_4

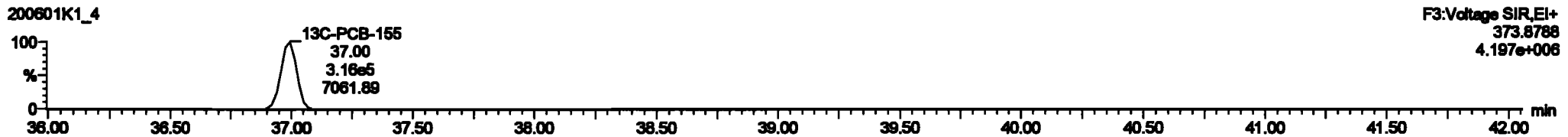


**13C-PCB-155**

200601K1\_4

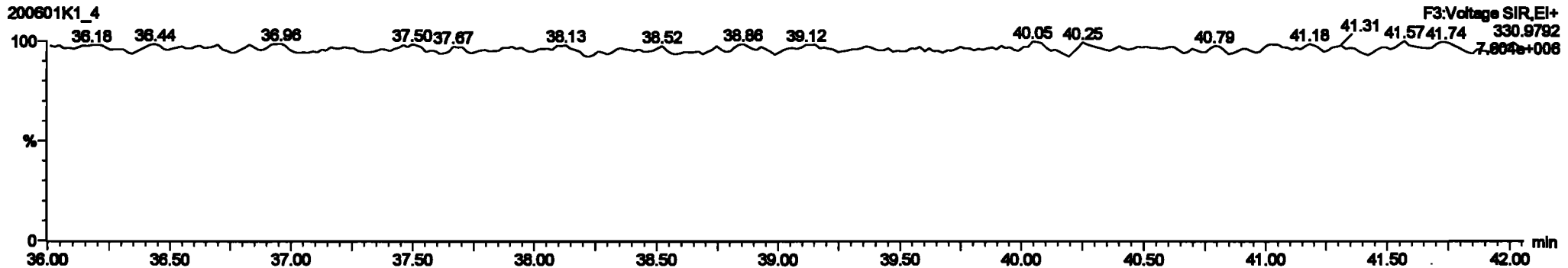


200601K1\_4



**PFK3c**

200601K1\_4

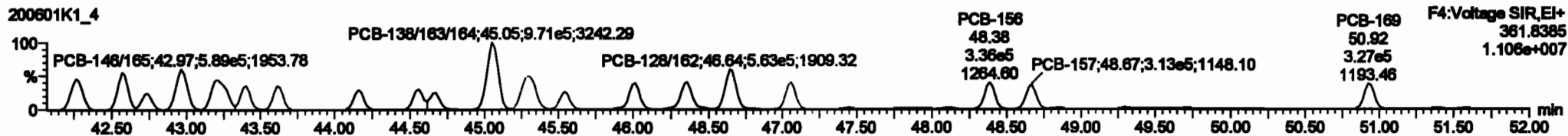
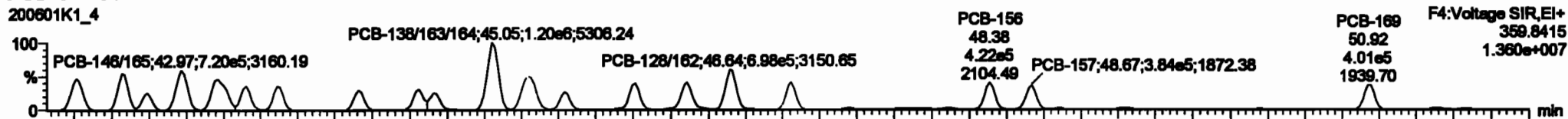


Dataset: Untitled

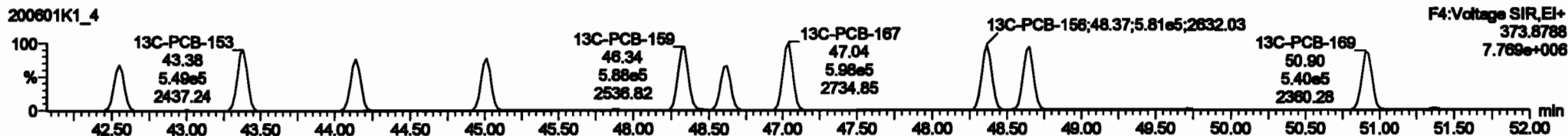
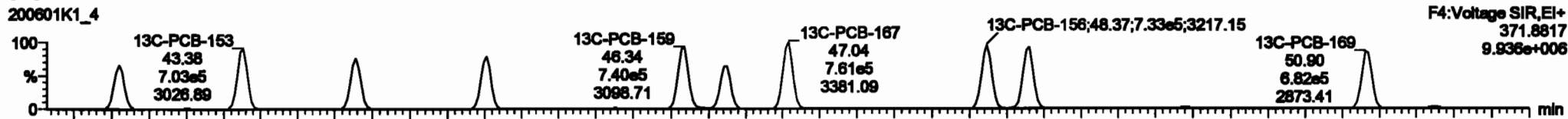
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

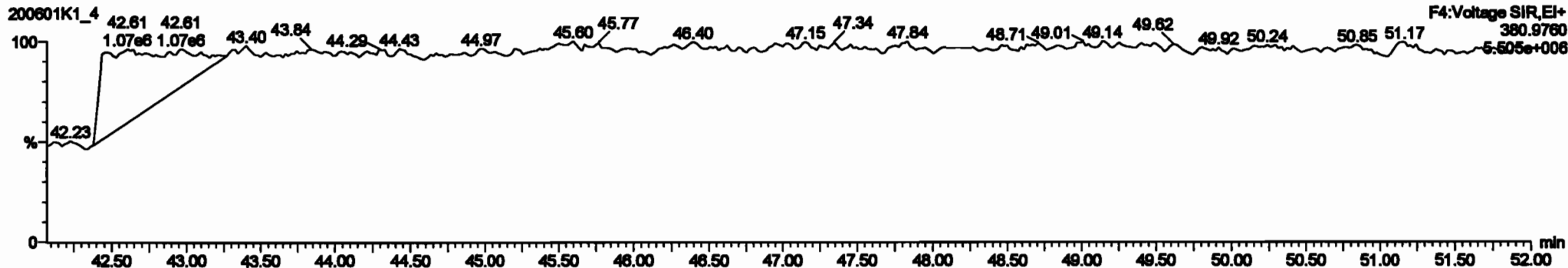
PCB-134/143



13C-PCB-153



PFK4b



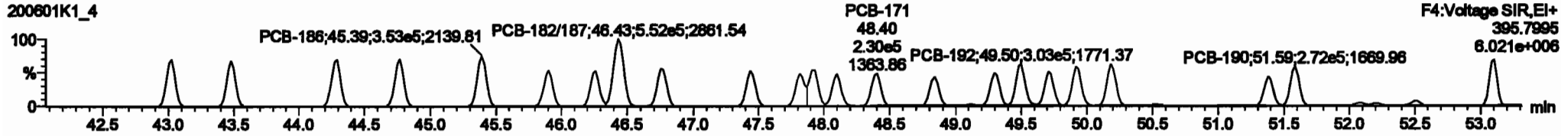
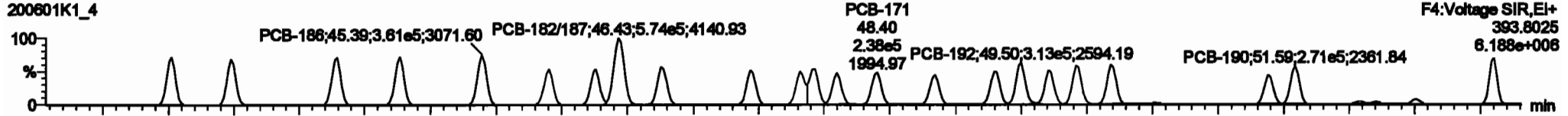


Dataset: Untitled

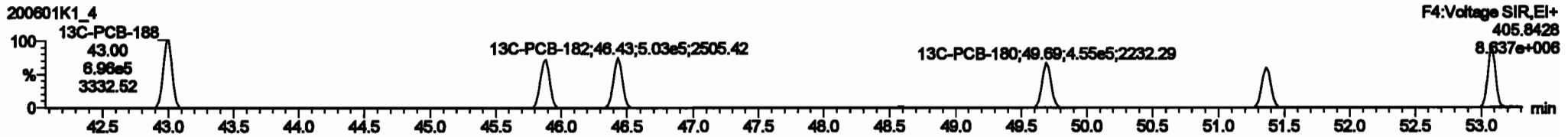
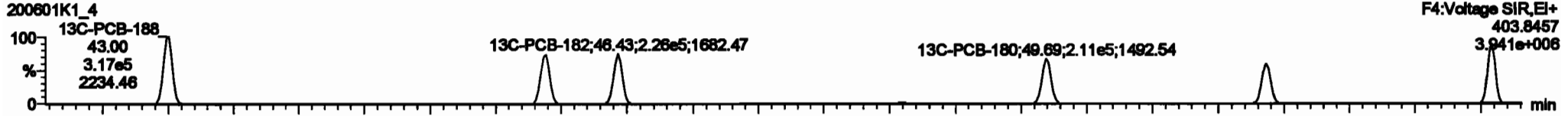
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

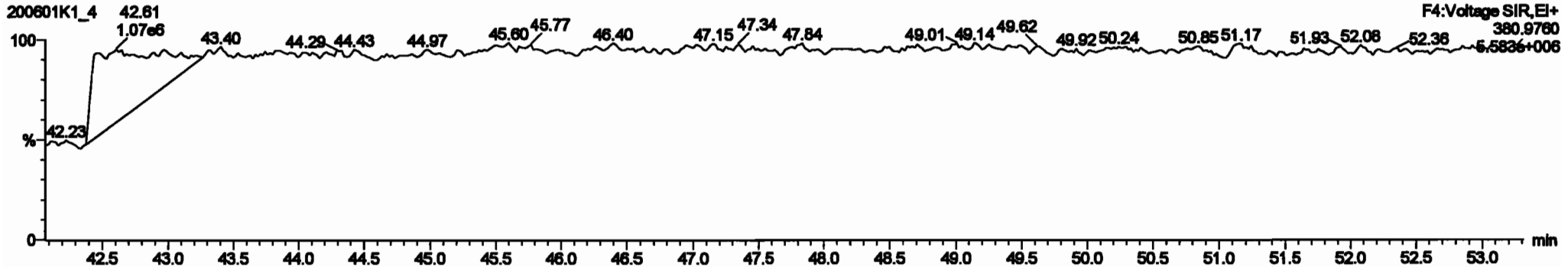
**PCB-188**



**13C-PCB-188**



**PFK4c**





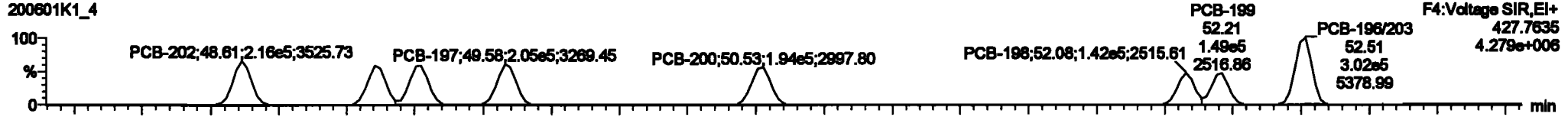
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

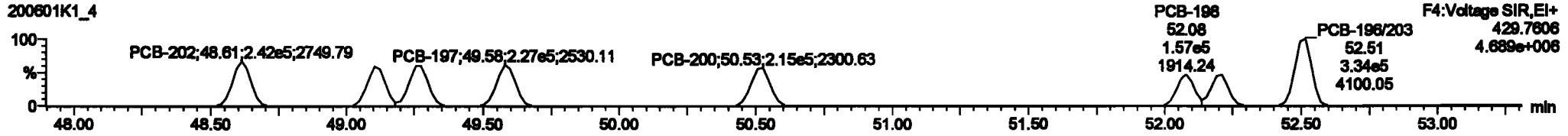
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-202

200601K1\_4

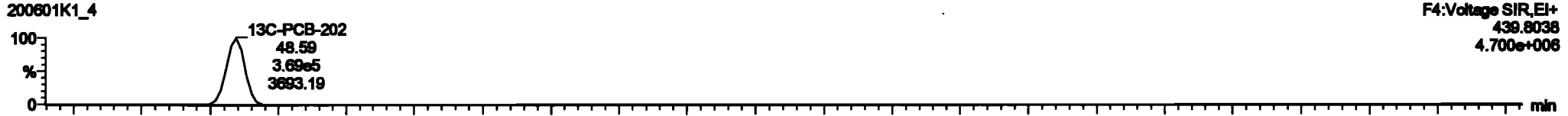


200601K1\_4

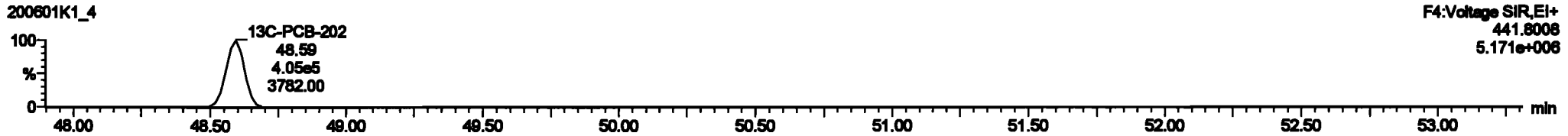


13C-PCB-202

200601K1\_4

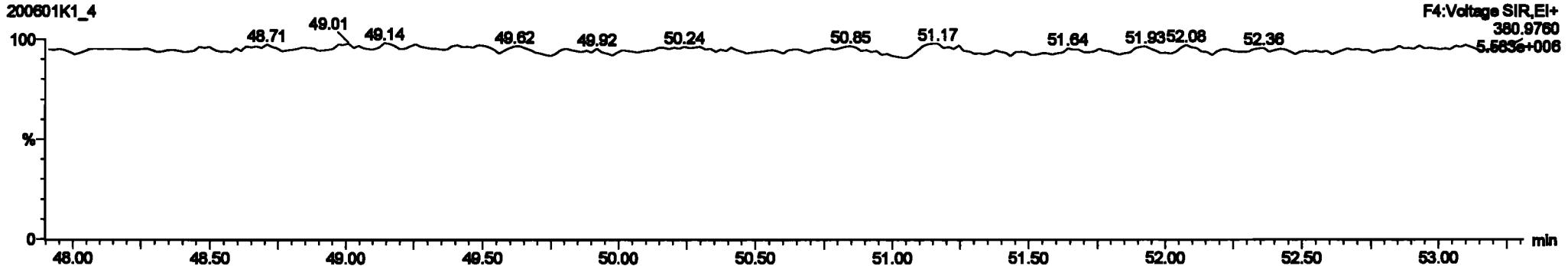


200601K1\_4



PFK4d

200601K1\_4



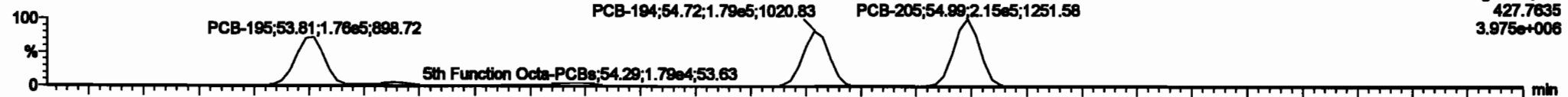
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

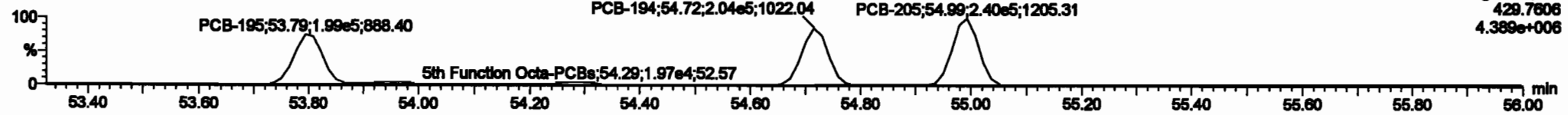
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-195

200601K1\_4

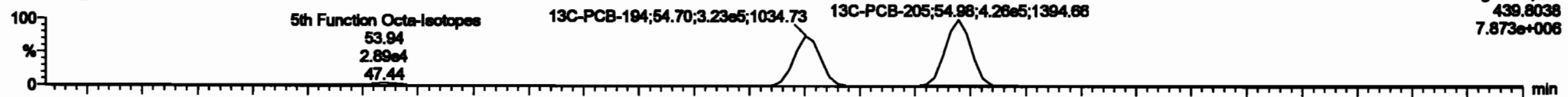


200601K1\_4

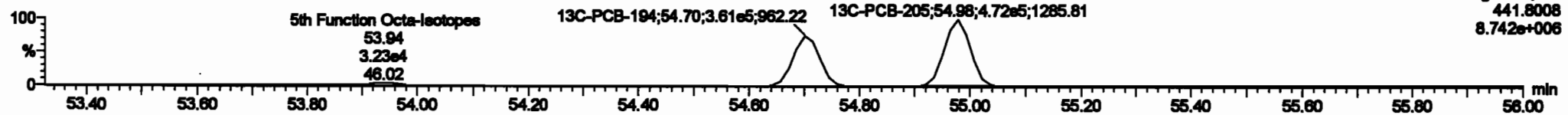


13C-PCB-194

200601K1\_4

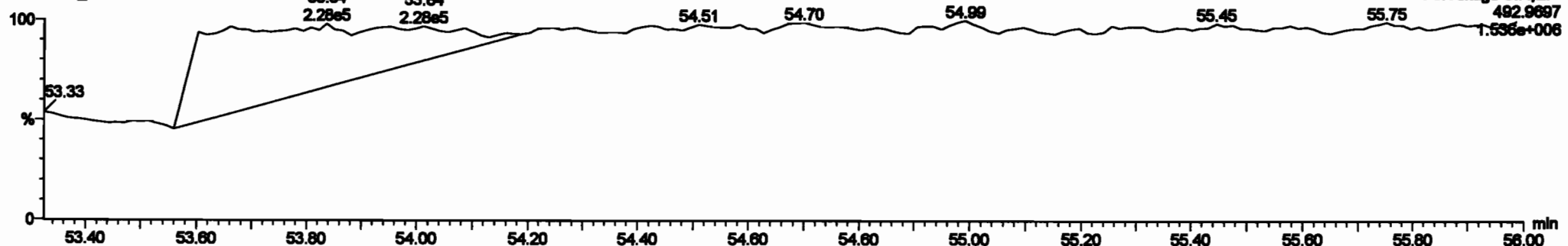


200601K1\_4



PFK5a

200601K1\_4



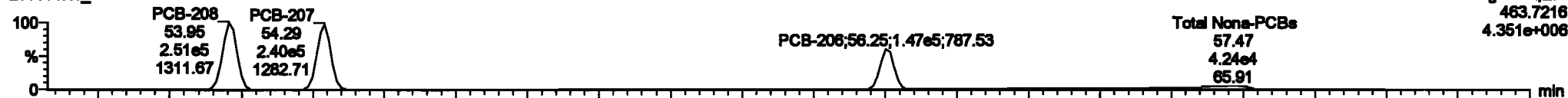
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

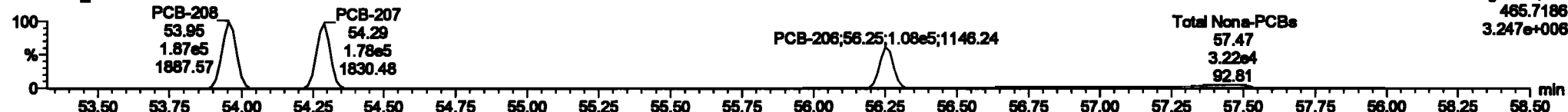
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-208**

200601K1\_4

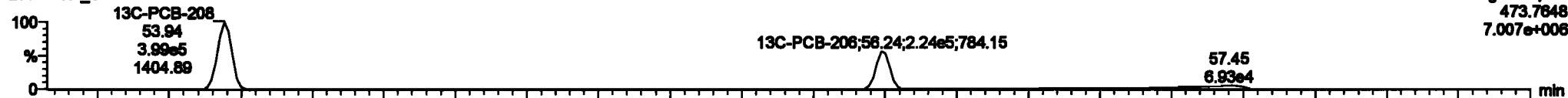


200601K1\_4

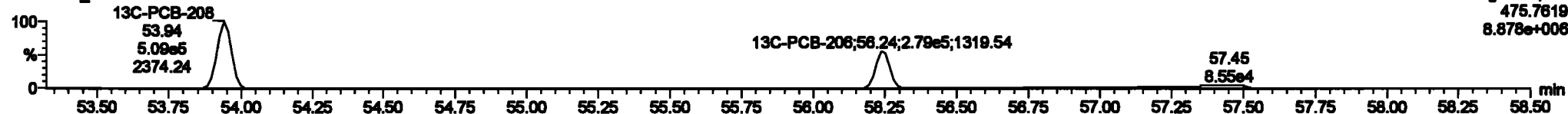


**13C-PCB-208**

200601K1\_4

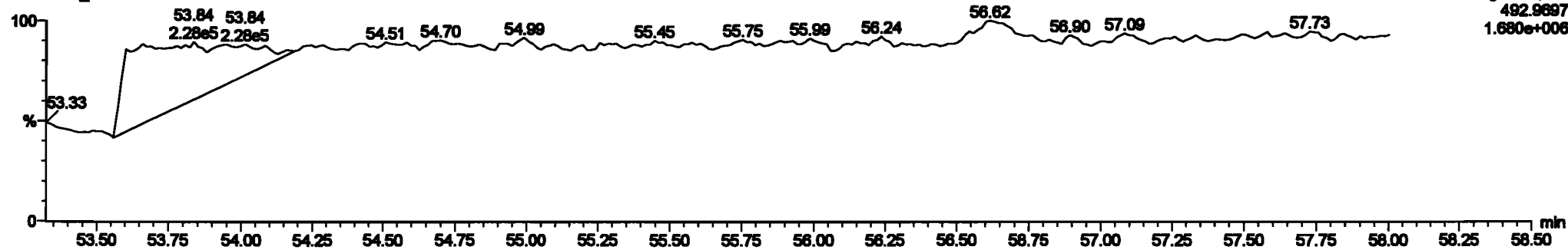


200601K1\_4



**PFK5**

200601K1\_4



Dataset: Untitled

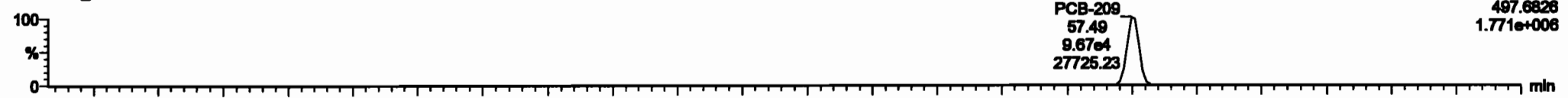
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

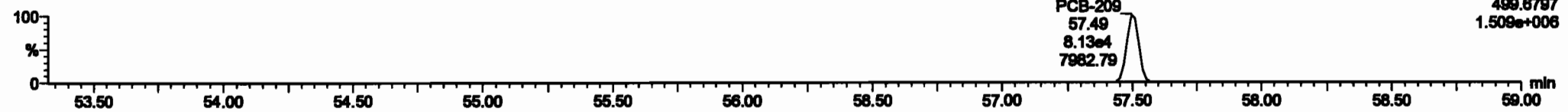
Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-209**

200601K1\_4

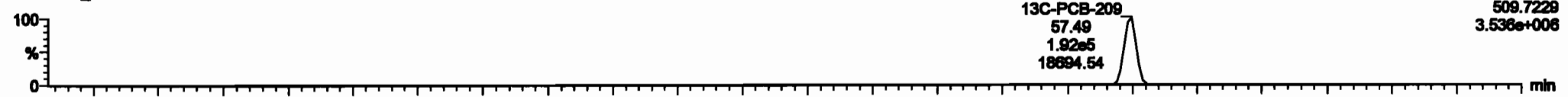


200601K1\_4

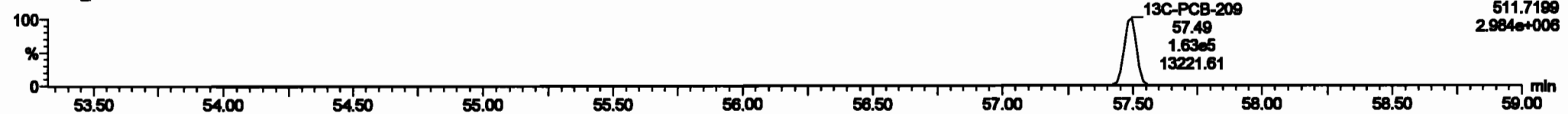


**13C-PCB-209**

200601K1\_4

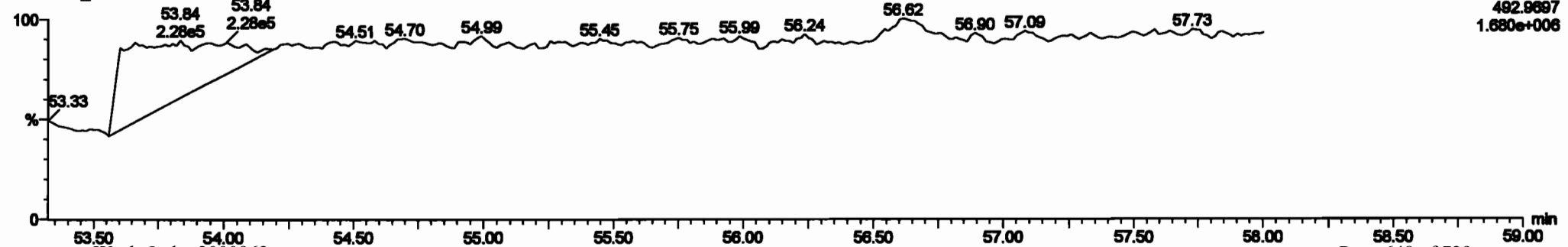


200601K1\_4



**PFK5b**

200601K1\_4



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

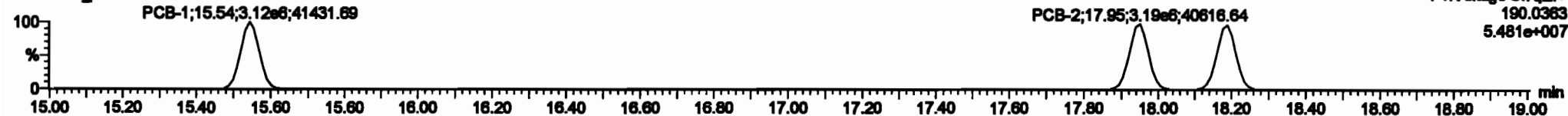
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-1**

200601K1\_5



200601K1\_5

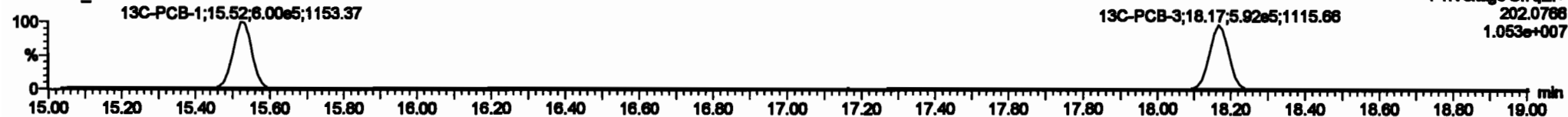


**13C-PCB-1**

200601K1\_5

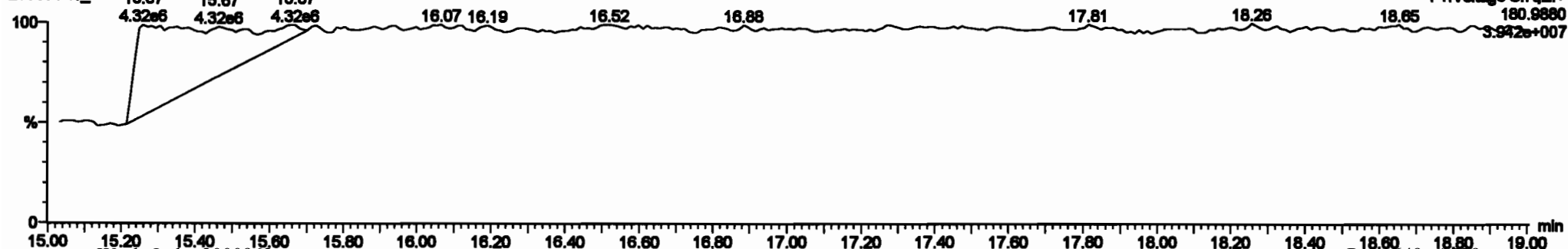


200601K1\_5



**PFK1**

200601K1\_5

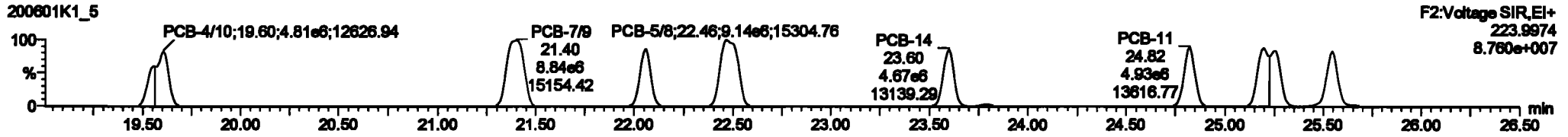
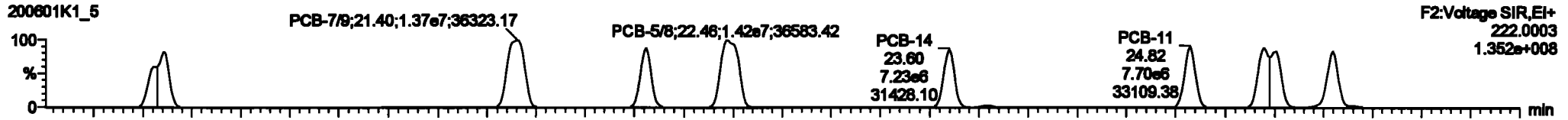


Dataset: Untitled

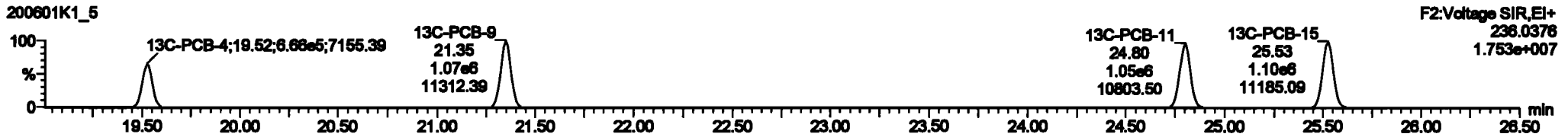
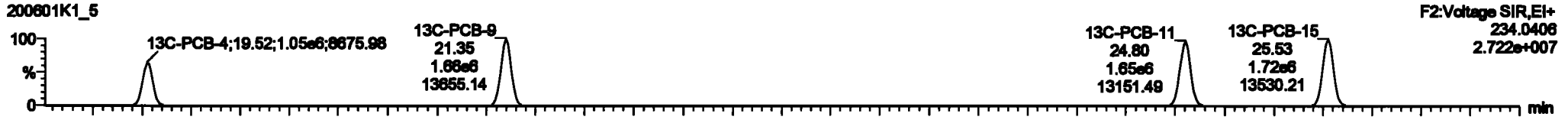
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

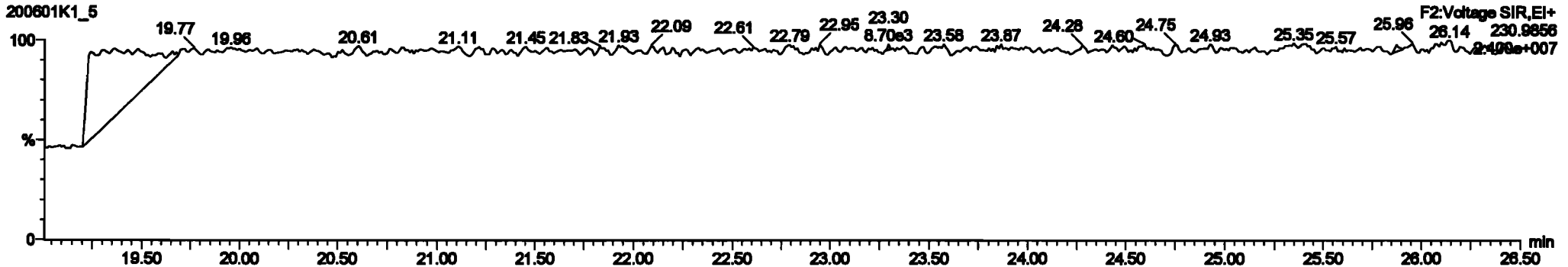
PCB-4/10



13C-PCB-4



PFK2a





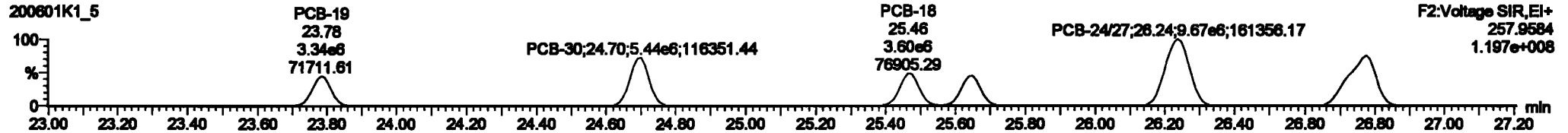


Dataset: Untitled

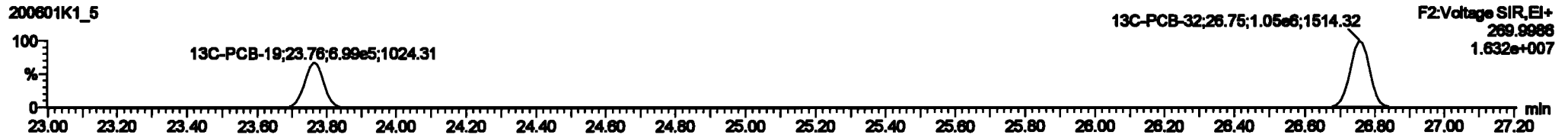
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

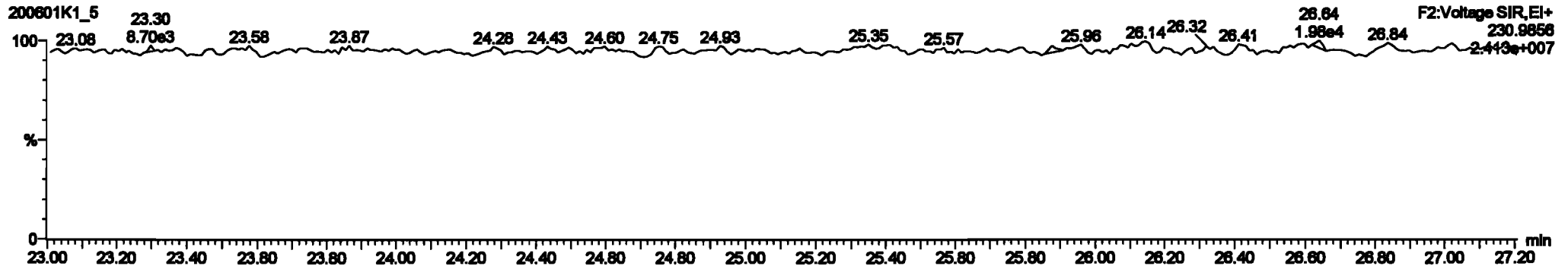
**PCB-19**



**13C-PCB-19**



**PFK2b**

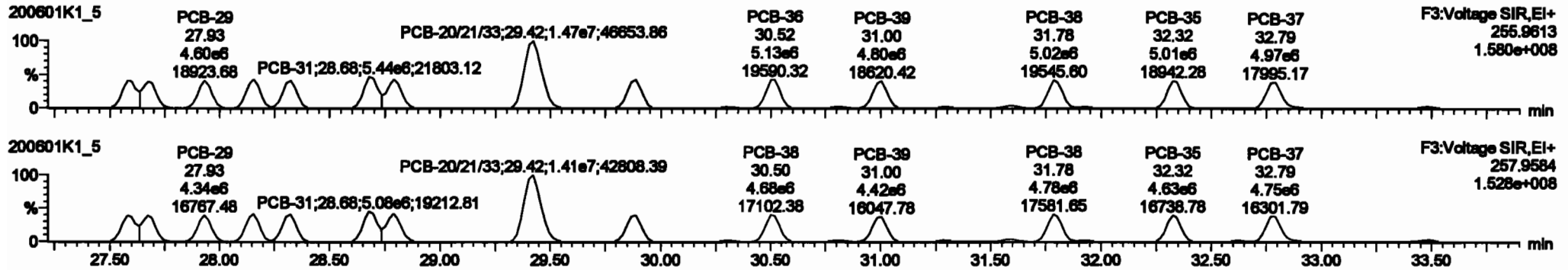


Dataset: Untitled

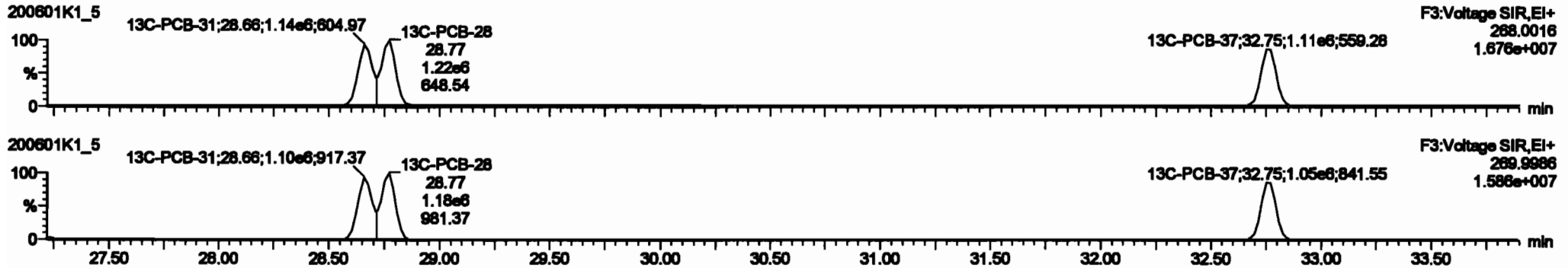
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

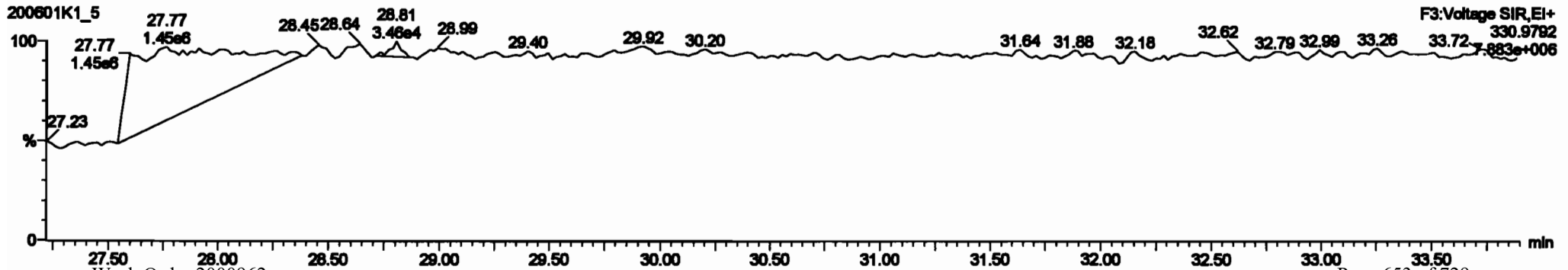
**PCB-34**



**13C-PCB-28**

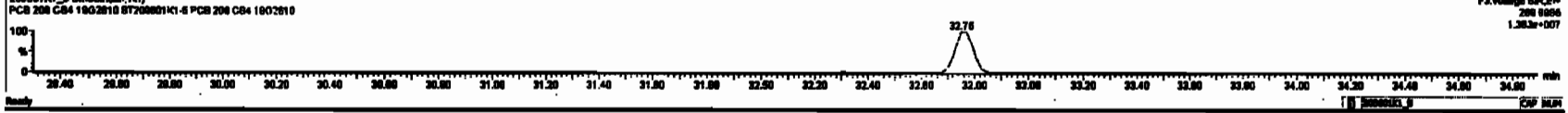
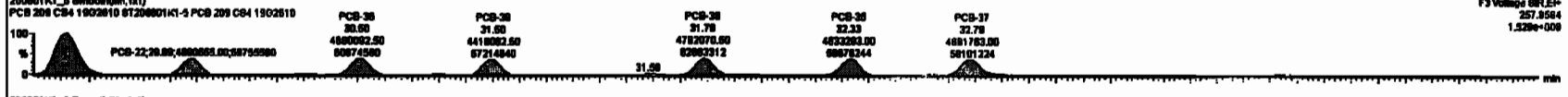
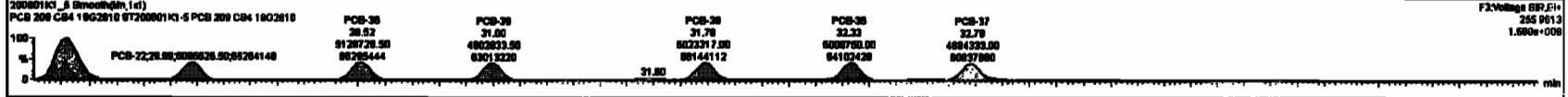


**PFK3d**



Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
220	13C-PCB-78	1.89e6	0.79	NO	1.0021	1.000	37.76	37.76	0.000
226	13C-PCB-178	7.89e6	0.61	NO	1.0050	1.000	48.87	48.88	0.000
224	Total Mono-PCBs				1.1095	1.000	0.00	0.000	NO
226	Total Di-PCBs				1.0027	1.000	0.00	0.000	NO
228	Total Tri-PCBs				1.0007	1.000	0.00	0.000	NO
228	Total Tetra-PCBs				1.0770	1.000	0.00	0.000	NO
228	Total Penta-PCBs				1.0167	1.000	0.00	0.000	NO
230	Total Hexa-PCBs				1.0726	1.000	0.00	0.000	NO
230	Total Hepta-PCBs				0.0000	1.000	0.00	0.000	NO
232	Total Octa-PCBs				1.0916	1.000	0.00	0.000	NO
232	Total Nona-PCBs				1.0000	1.000	0.00	0.000	NO

Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
28	PCB-28	27.89	27.89	4.00e6	4.00e6	1.000	1.00	NO	417.53
18	PCB-18	27.89	27.89	4.00e6	4.00e6	1.000	1.00	NO	416.77
20	PCB-20	27.89	27.89	4.00e6	4.00e6	1.000	1.00	NO	417.61
21	PCB-21	28.10	28.10	4.00e6	4.00e6	1.000	1.00	NO	423.78
22	PCB-22	28.31	28.32	4.79e6	4.81e6	1.000	1.04	NO	412.77
23	PCB-23	28.80	28.80	5.49e6	5.57e6	1.000	1.07	NO	420.07
24	PCB-24	28.79	28.79	5.39e6	5.69e6	1.000	1.08	NO	423.80
26	PCB-20/21/20	28.43	28.43	1.47e7	1.487e7	1.000	1.08	NO	1276.0
28	PCB-28	28.87	28.88	6.00e6	4.80e6	1.000	1.08	NO	418.38

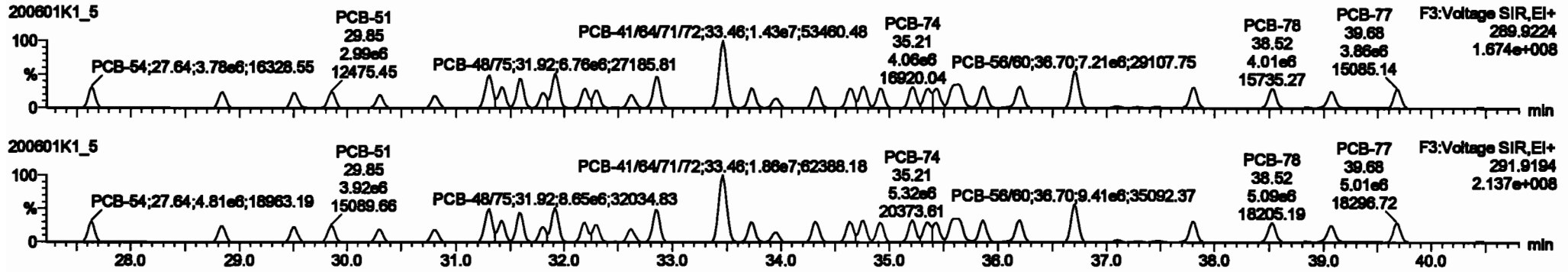


Dataset: Untitled

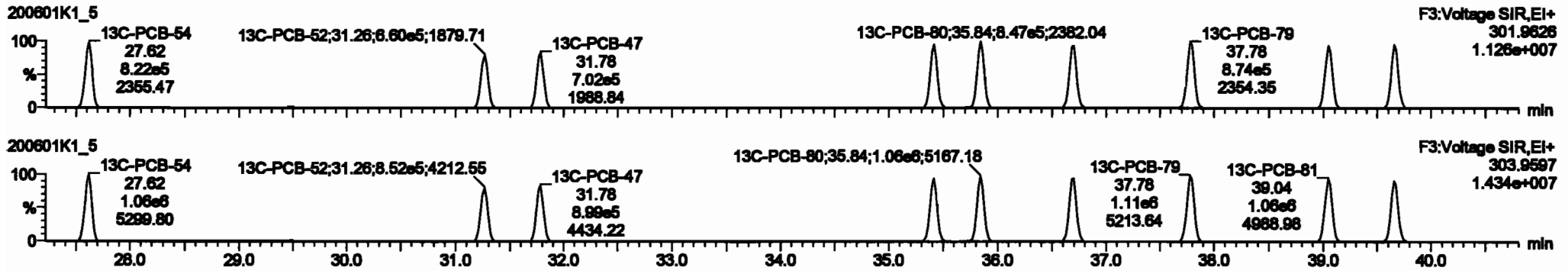
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

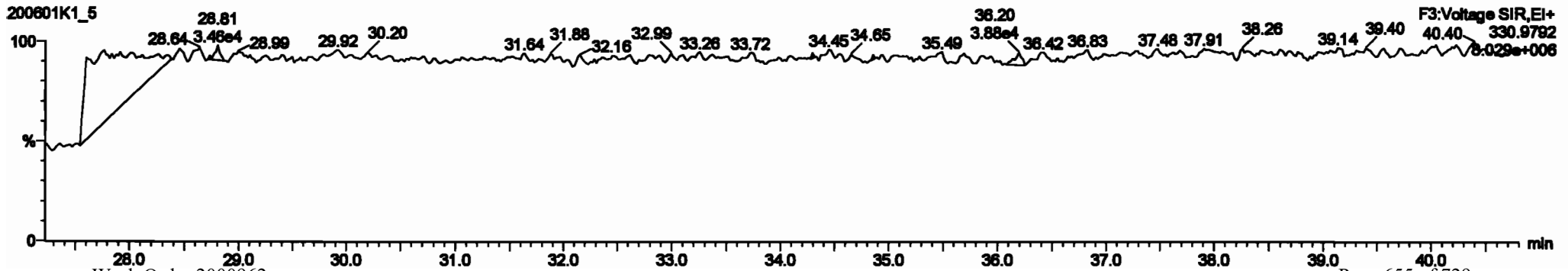
**PCB-54**



**13C-PCB-54**



**PFK3a**



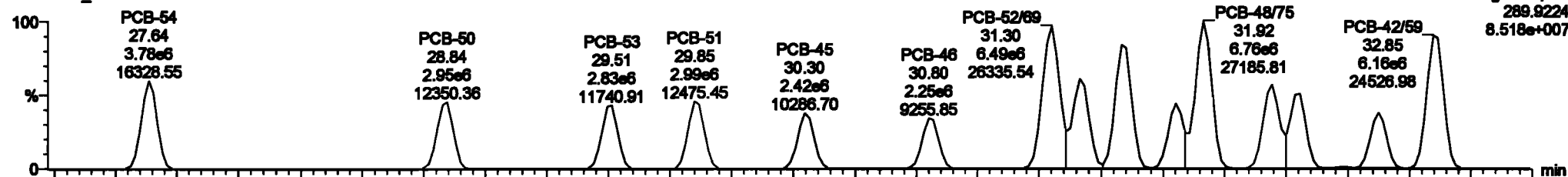
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

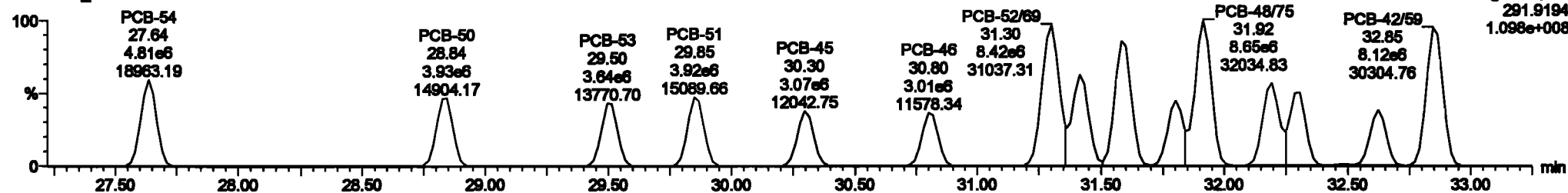
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-50

200601K1\_5



200601K1\_5

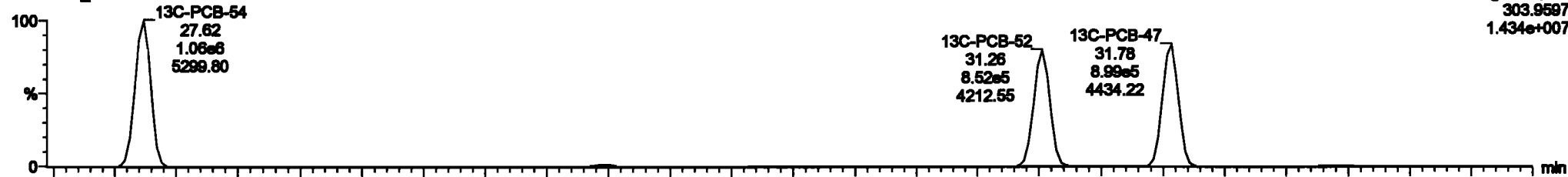


13C-PCB-52

200601K1\_5



200601K1\_5

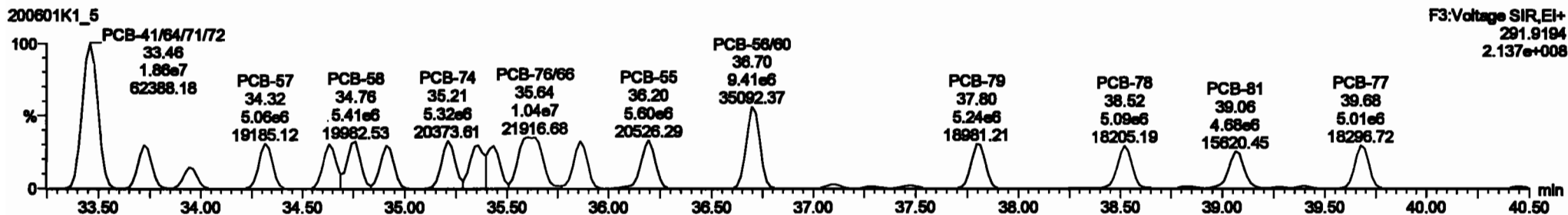
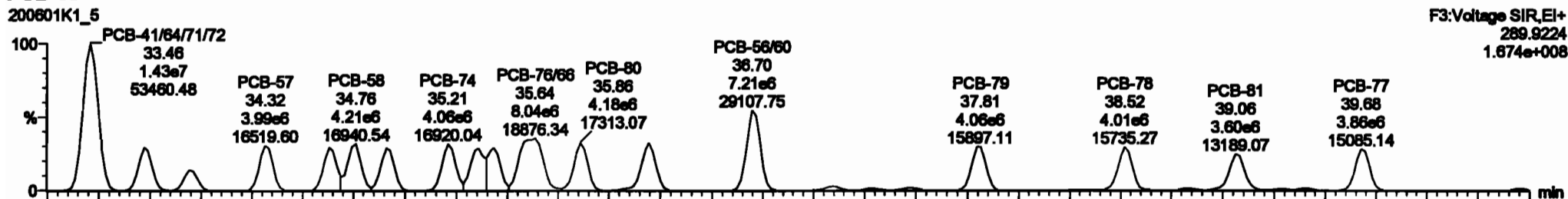


Dataset: Untitled

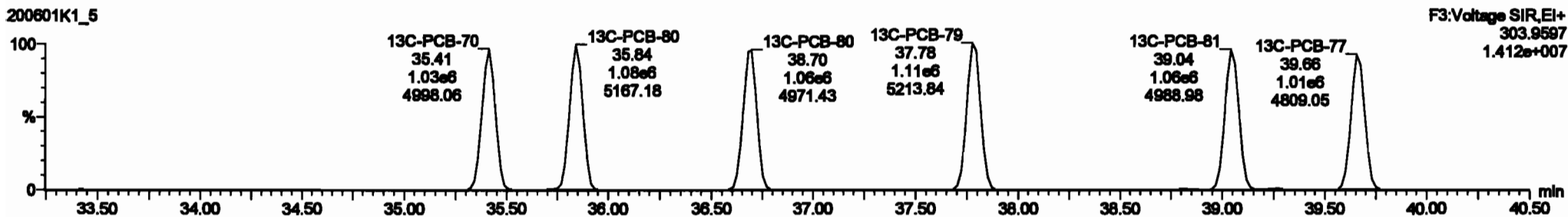
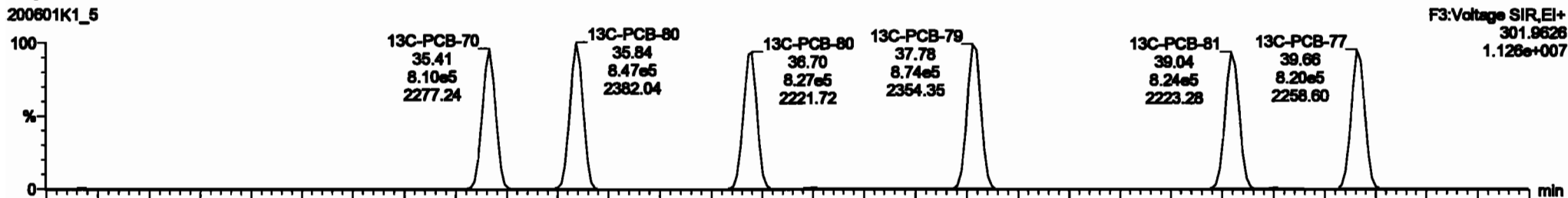
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-68

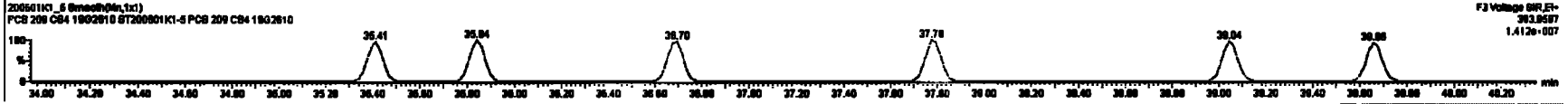
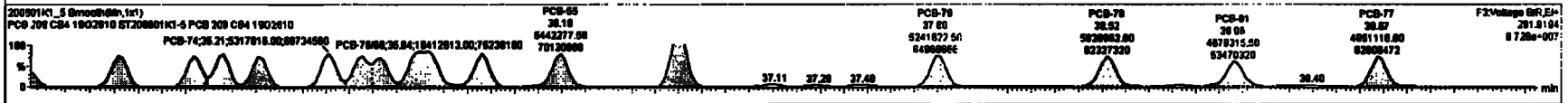
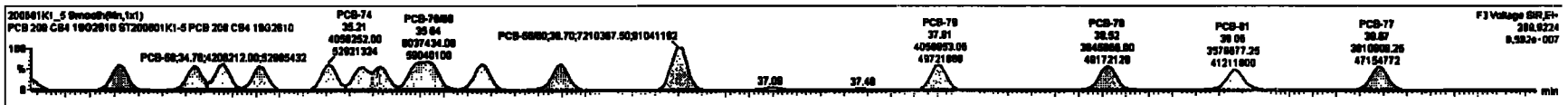


13C-PCB-60



#	Name	Range	Min	Max	Peak	Area	Height	Width	Skew	Asym	SNR	Q1	Q3	Area	Area%
222	13C-PCB-76	1.96e6	0.76	ND	1.0221	1.020	37.76	37.76	0.000	0.000	ND	87.42	87.4	0.0273	
223	13C-PCB-176	7.85e6	0.44	ND	1.0000	1.000	46.87	46.89	0.020	0.020	ND	87.16	87.2	0.112	
224	Total Mono-PCBs				1.0885	1.000	0.00	0.000	0.000	0.000	ND	1280		0.0384	1280
225	Total BI-PCBs				1.0837	1.000	0.00	0.000	0.000	0.000	ND	9120		0.248	9120
226	2nd Function BI-PCBs				1.0837	1.000	0.00	0.000	0.000	0.000	ND	3487		0.110	3487
227	2nd Function BI-PCBs				0.8928	1.000	0.00	0.000	0.000	0.000	ND	6774		0.882	6774
228	2nd Function Mono-PCBs				1.0179	1.000	0.00	0.000	0.000	0.000	ND	17480		0.204	17480
229	4th Function Mono-PCBs				1.0736	1.000	0.00	0.000	0.000	0.000	ND	2128		0.260	2128
230	2nd Function Mono-PCBs				0.8928	1.000	0.00	0.000	0.000	0.000	ND	6976		0.403	6976
231	2nd Function Mono-PCBs				1.0319	1.000	0.00	0.000	0.000	0.000	ND	12140		2.87	12140
232	4th Function Mono-PCBs				1.0319	1.000	0.00	0.000	0.000	0.000	ND	12140		2.87	12140
233	Total Mono-PCBs				1.0371	1.000	0.00	0.000	0.000	0.000	ND	19711		4.84	19711

#	Name	Peak#	RT	ret Range	alt Range	1st Ratio (Peak)	BA	int	SNPC	Area
1	30 PCB-64	27.84	27.84	3.78e5	4.912e5	0.770	0.78	ND	422.48	422.48
2	30 PCB-61	28.80	28.84	2.88e5	3.87e5	0.770	0.78	ND	415.31	415.30
3	34 PCB-63	28.80	28.81	2.88e5	3.87e5	0.770	0.78	ND	428.24	428.24
4	28 PCB-61	28.85	28.85	2.88e5	3.87e5	0.770	0.78	ND	428.80	428.80
5	30 PCB-65	30.30	30.30	2.81e5	3.87e5	0.770	0.78	ND	432.10	432.10
6	37 PCB-65	38.80	38.80	2.24e5	3.81e5	0.770	0.78	ND	418.07	418.07
7	38 PCB-65B	31.30	31.30	8.48e5	8.41e5	0.770	0.77	ND	846.12	846.12
8	38 PCB-72	31.41	31.41	4.05e5	8.39e5	0.770	0.77	ND	431.83	431.83
9	48 PCB-65B	31.38	31.38	9.57e5	7.22e5	0.770	0.77	ND	635.18	635.18



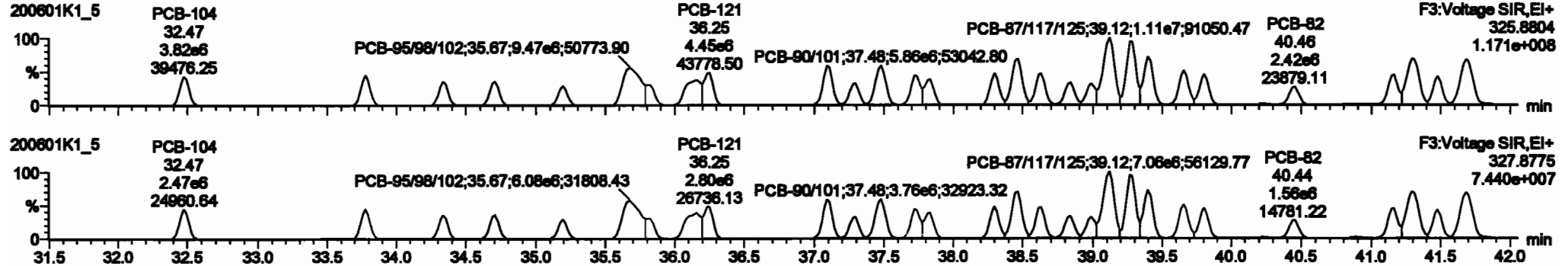


Dataset: Untitled

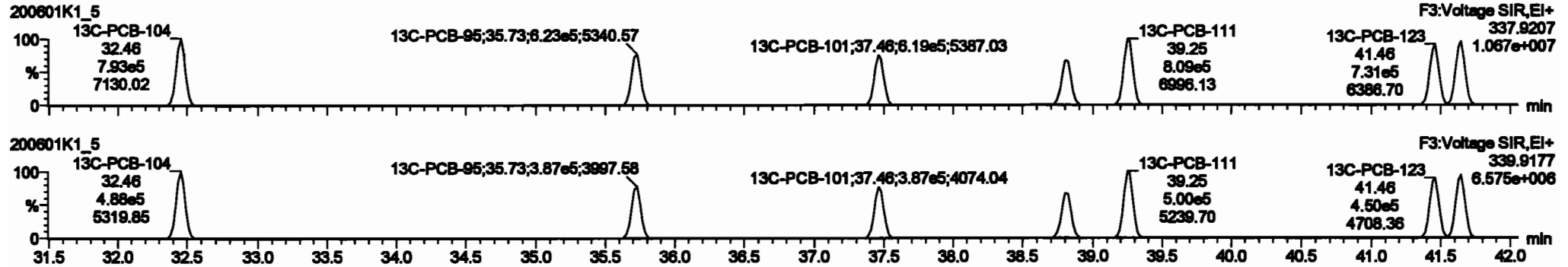
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

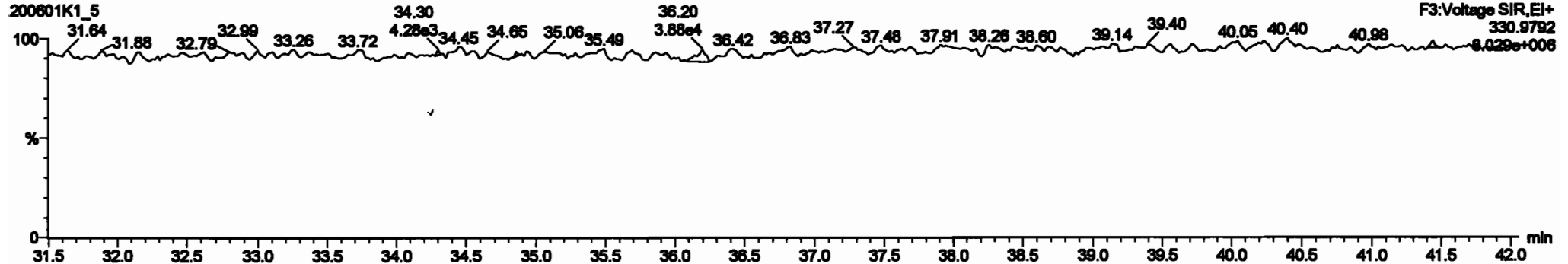
**PCB-104**



**13C-PCB-104**



**PFK3b**



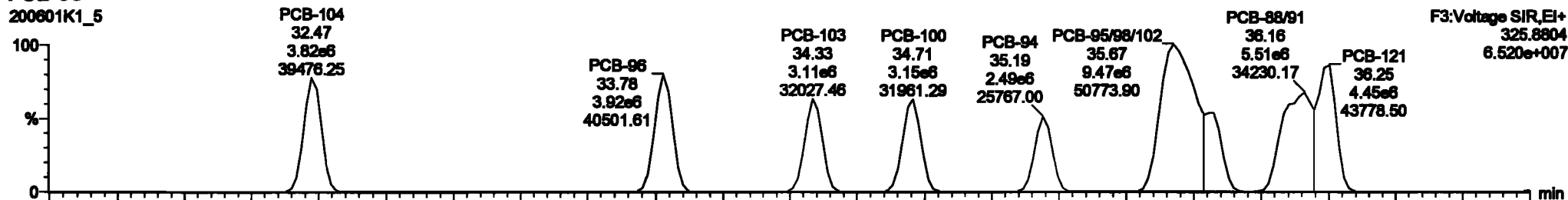
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

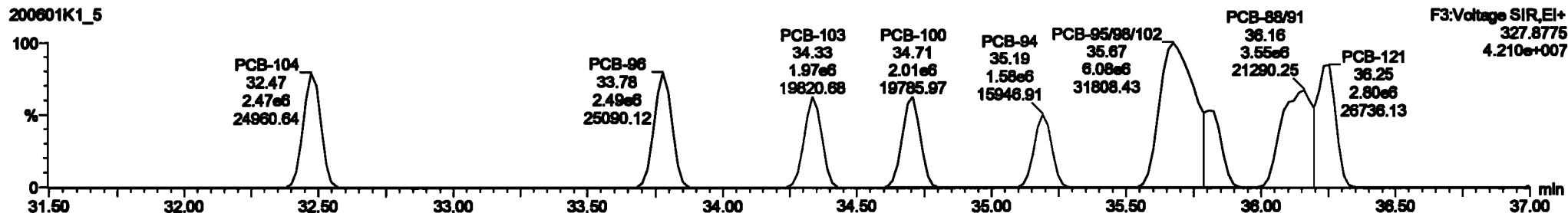
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-96**

200601K1\_5



200601K1\_5

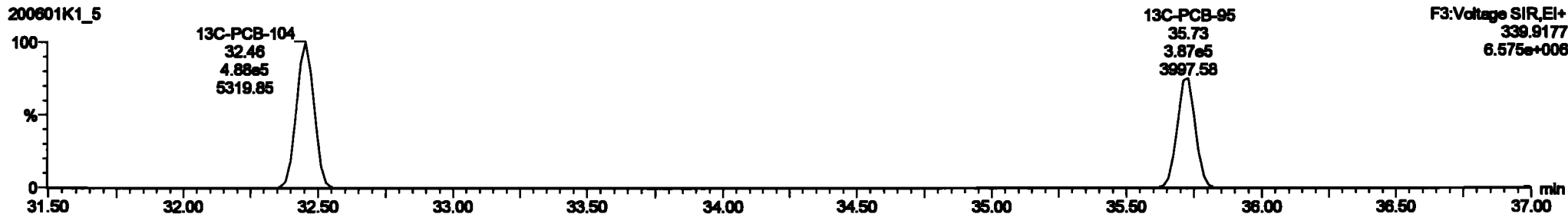


**13C-PCB-95**

200601K1\_5



200601K1\_5



Dataset: Untitled

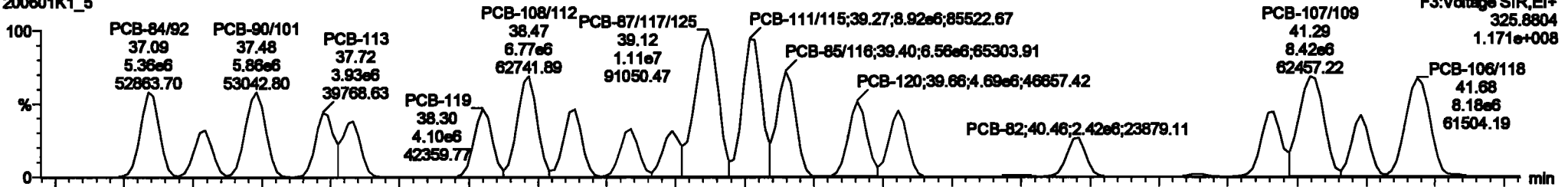
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

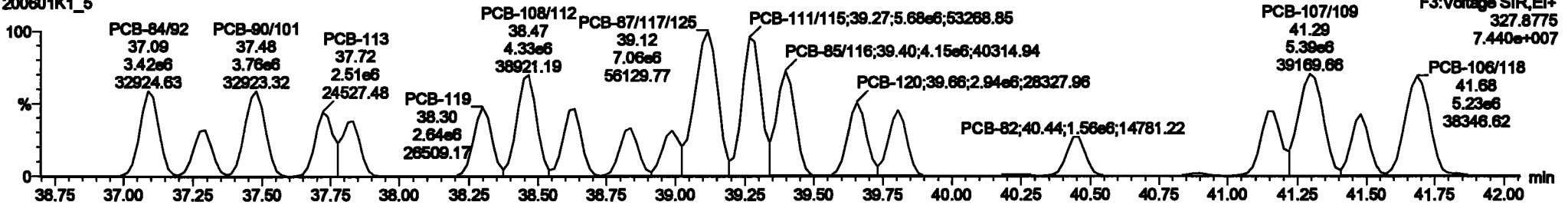
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-119

200601K1\_5

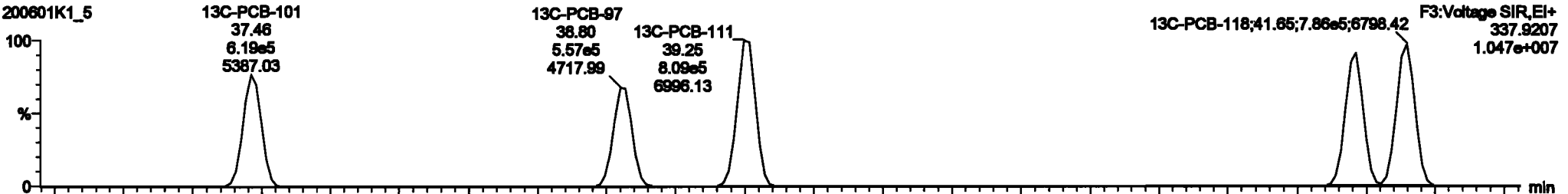


200601K1\_5

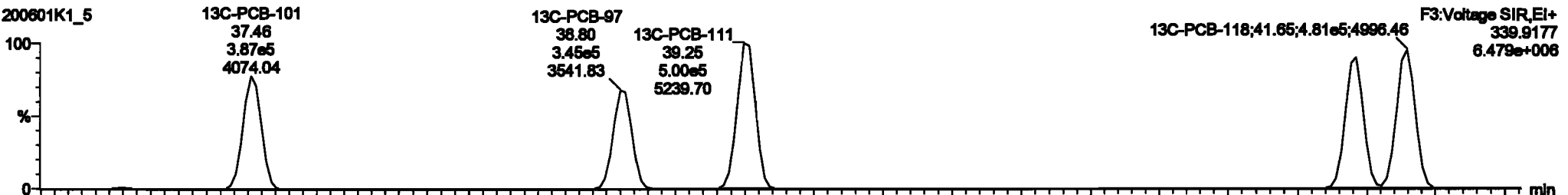


13C-PCB-111

200601K1\_5

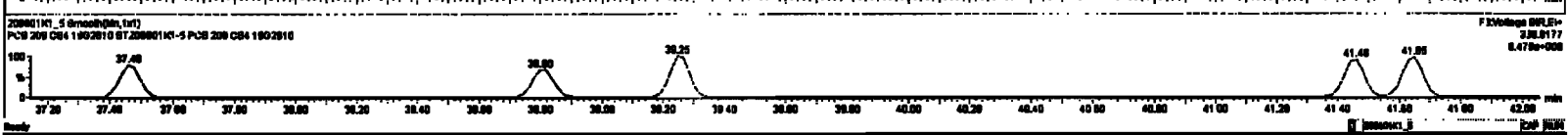
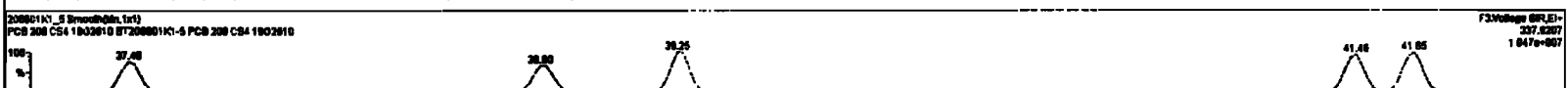
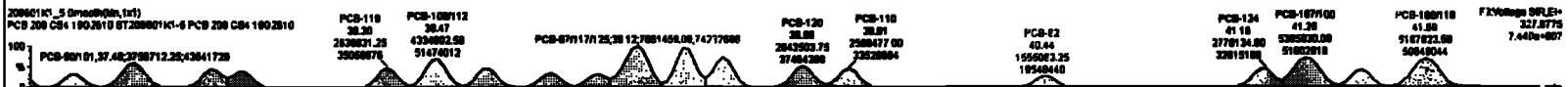
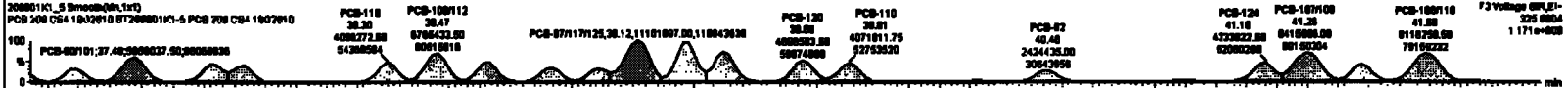


200601K1\_5



#	Channel	Frequency	Amplitude	Phase	Gain	Offset	Scale	Units	dB	dBFS
220	15C-PCB-70	1.000	0.70	103	1.000	1.000	37.70	0.000	0.000	NO
221	15C-PCB-470	7.000	0.64	NO	1.000	1.000	46.07	46.08	0.000	NO
224	Test Micro-PCBs				1.000	1.000	0.00	0.000	NO	1200
226	Test DA-PCBs				1.000	1.000	0.00	0.000	NO	50.00
228	Test Precision 1A-PCBs				1.000	1.000	0.00	0.000	NO	3000
229	Test Precision 1A-PCBs				0.000	1.000	0.00	0.000	NO	6774
230	Test Test-PCBs				1.000	1.000	0.00	0.000	NO	10000
231	Test Precision Param-PCBs				1.000	1.000	0.00	0.000	NO	20.00
232	Test Precision Param-PCBs				0.000	1.000	0.00	0.000	NO	6976
233	Test Precision Param-PCBs				1.000	1.000	0.00	0.000	NO	120.00
234	Test Precision Param-PCBs				1.000	1.000	0.00	0.000	NO	10000

#	Channel	Frequency	Amplitude	Phase	Gain	Offset	Scale	Units	dB	dBFS
01	PCB-101	30.47	32.07	2.000e6	2.000e6	1.000	1.07	NO	430.70	430.70
02	PCB-102	30.70	30.70	2.000e6	2.000e6	1.000	1.07	NO	430.70	430.70
03	PCB-103	31.00	31.00	3.100e6	3.100e6	1.000	1.08	NO	432.01	432.01
04	PCB-104	31.00	31.71	3.100e6	2.000e6	1.000	1.07	NO	432.07	432.07
05	PCB-105	35.31	35.10	2.000e6	1.000e6	1.000	1.07	NO	434.07	434.07
06	PCB-106	35.00	35.07	0.000e6	0.000e6	1.000	1.08	NO	1277.6	1277.6
07	PCB-107	35.01	35.02	2.000e6	1.000e6	1.000	1.08	NO	041.08	041.08
08	PCB-108	35.16	35.16	0.000e6	2.000e6	1.000	1.08	NO	041.08	041.08
09	PCB-109	35.20	35.20	4.000e6	2.700e6	1.000	1.08	NO	010.78	010.78

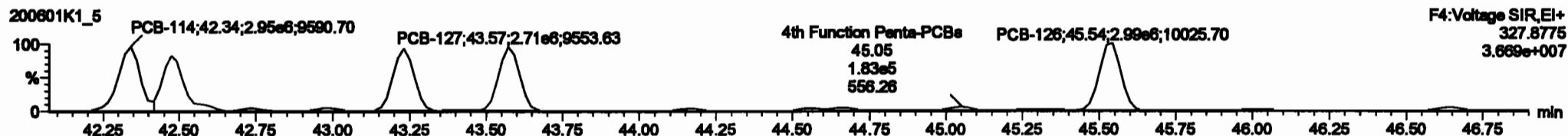
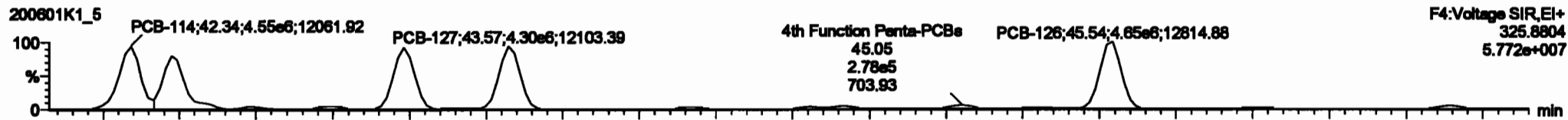


Dataset: Untitled

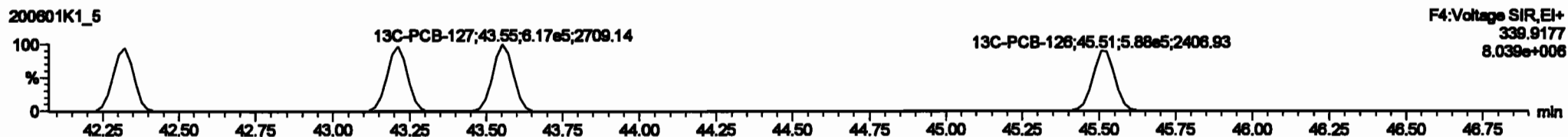
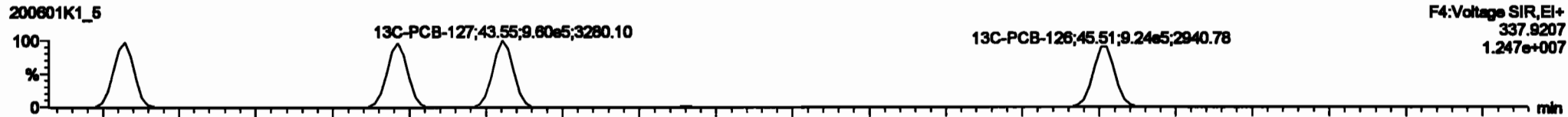
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

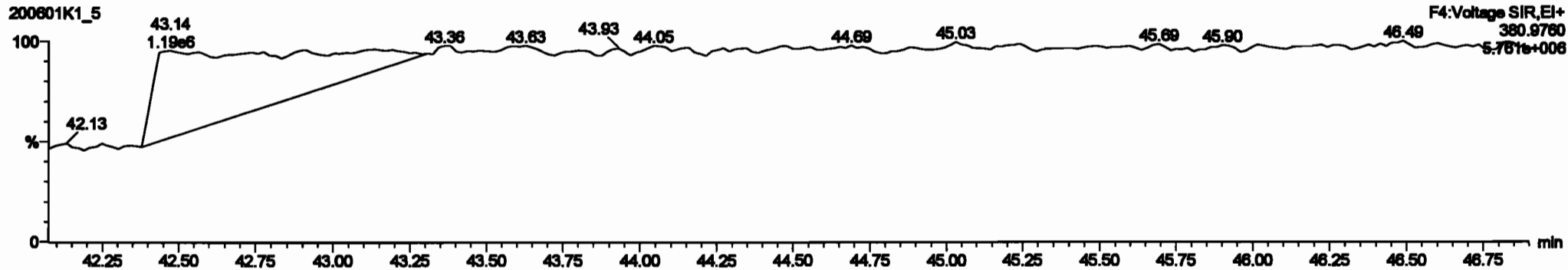
**PCB-114**

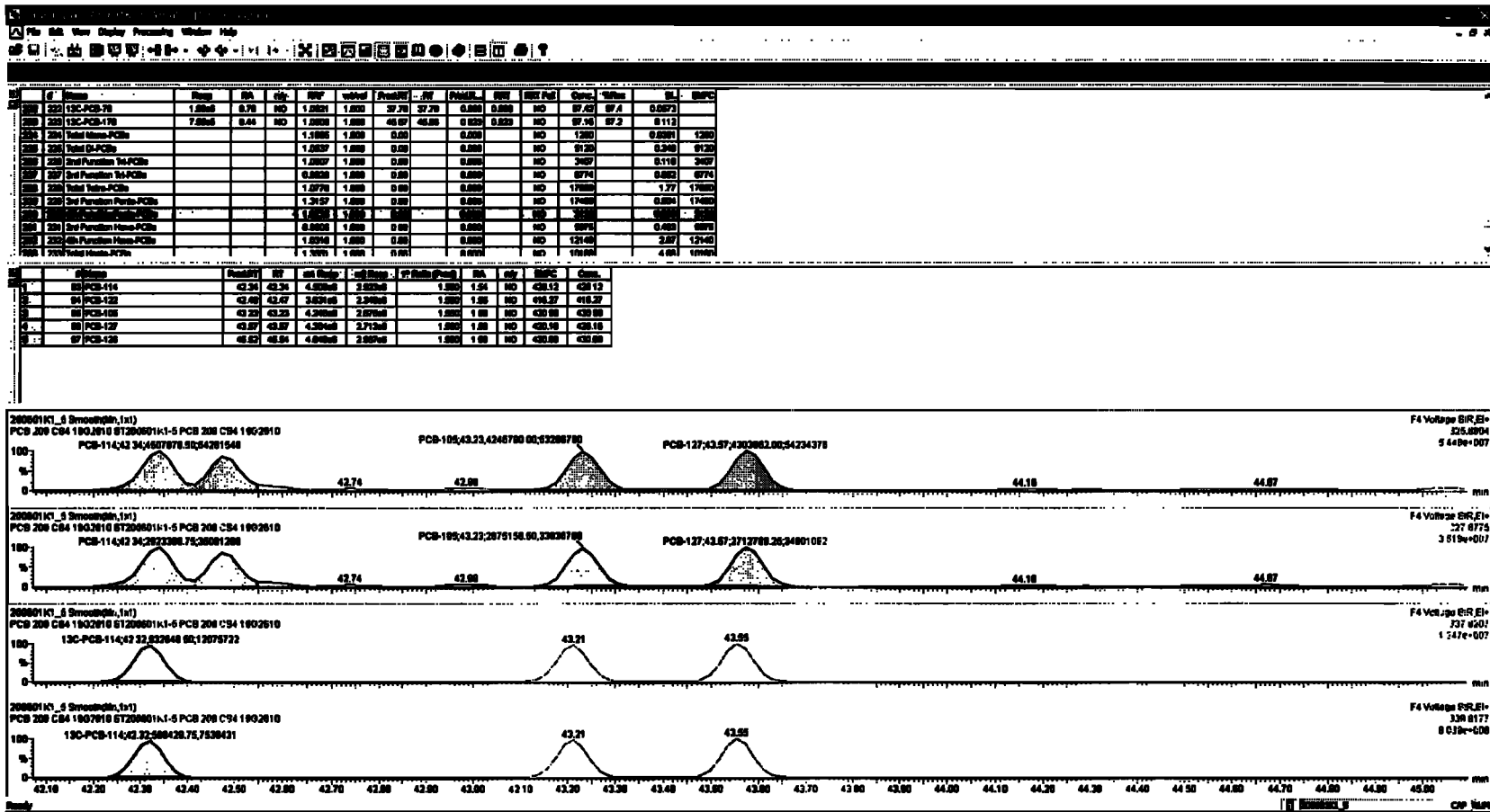


**13C-PCB-114**



**PFK4a**





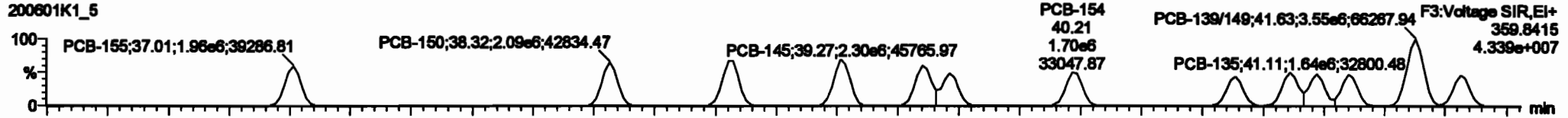
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

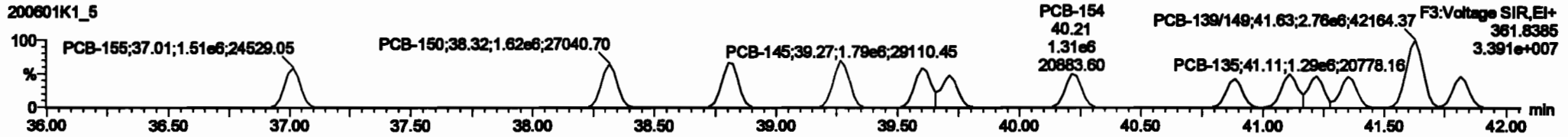
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-155**

200601K1\_5

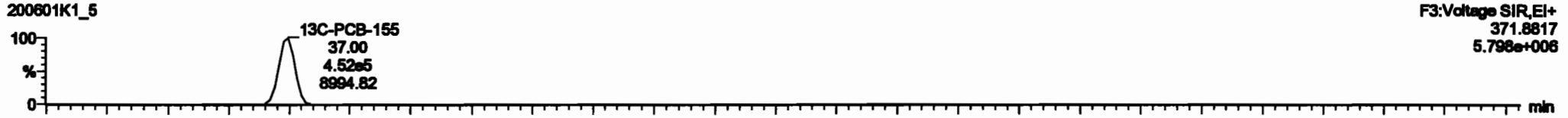


200601K1\_5

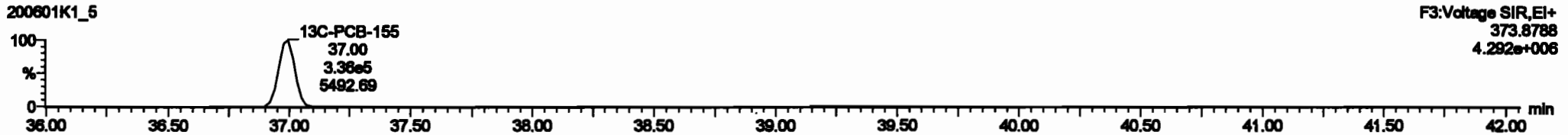


**13C-PCB-155**

200601K1\_5

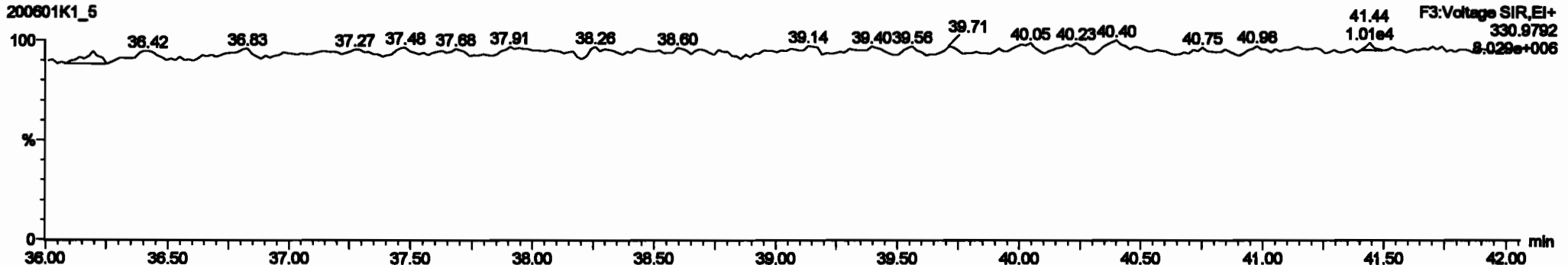


200601K1\_5



**PFK3c**

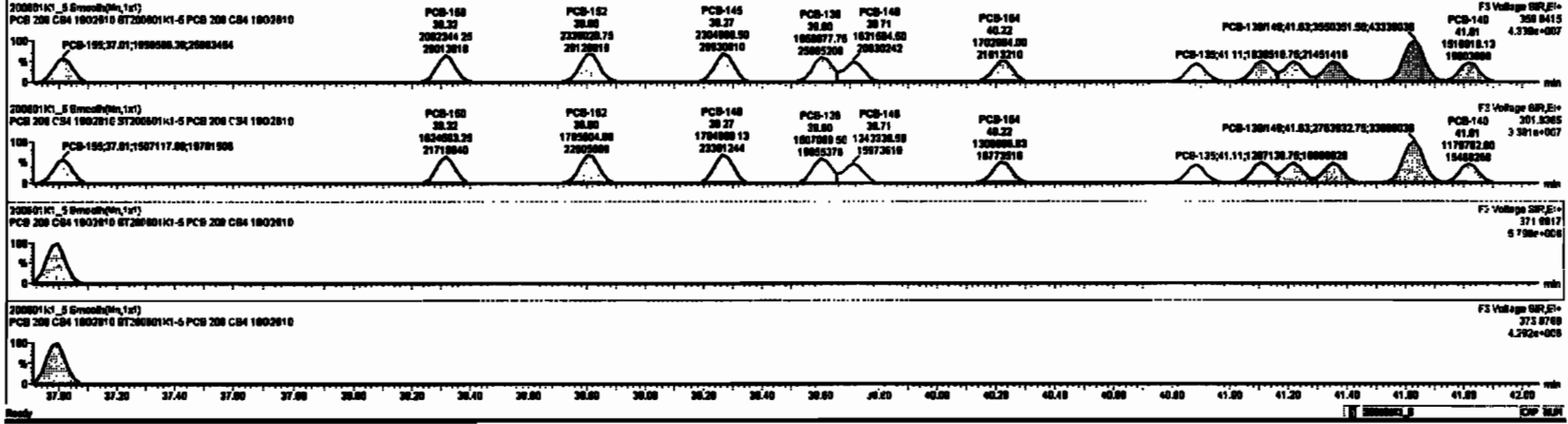
200601K1\_5





ID	Step	Step	Est	Qty	Unit	Material	Quantity	Est	Prod.R.	Unit	Material	Quantity	Est	Prod.R.	Unit	Material	Quantity	Est	Prod.R.	
222	12C-PCB-178	1.8000	0.70	NO	1.0000	1.000	37.78	37.78	0.000	0.000	NO	87.43	87.4	0.000						
223	12C-PCB-178	7.8000	0.44	NO	1.0000	1.000	48.87	48.88	0.025	0.025	NO	87.18	87.2	0.112						
224	Total Items-PCBs				1.1000	1.000	0.00	0.000			NO	1300	0.0201	1300						
225	Total 12-PCBs				1.0000	1.000	0.00	0.000			NO	8130	0.3400	8130						
226	2nd Parallel 10-PCBs				1.0000	1.000	0.00	0.000			NO	3407	0.1100	3407						
227	2nd Parallel 10-PCBs				0.8000	1.000	0.00	0.000			NO	8774	0.0800	8774						
228	Total Tubes-PCBs				1.8776	1.000	0.00	0.000			NO	17800	1.37	17800						
229	2nd Parallel Penta-PCBs				1.2187	1.000	0.00	0.000			NO	17800	0.804	17800						
230	4th Parallel Penta-PCBs				1.8735	1.000	0.00	0.000			NO	2128	0.380	2128						
231	4th Parallel Penta-PCBs				1.0000	1.000	0.00	0.000			NO	12140	2.87	12140						
232	Total Tubes-PCBs				1.2000	1.000	0.00	0.000			NO	98661	4.68	98661						

ID	Step	Step	Est	Qty	Unit	Material	Quantity	Est	Prod.R.	Unit	Material	Quantity	Est	Prod.R.	Unit	Material	Quantity	Est	Prod.R.
80	PCB-188	37.80	37.81	1.8000	1.8000	1.200	1.200	NO	421.44	421.44									
90	PCB-190	38.30	38.30	2.0000	1.8000	1.200	1.20	NO	438.84	438.84									
100	PCB-192	38.80	38.80	2.2000	1.7000	1.200	1.20	NO	441.48	441.48									
110	PCB-148	38.20	38.27	1.8000	1.7000	1.200	1.20	NO	438.84	438.84									
120	PCB-138	38.80	38.80	1.8000	1.2000	1.200	1.20	NO	421.44	421.44									
130	PCB-148	38.70	38.71	1.8000	1.2000	1.200	1.20	NO	420.78	420.78									
140	PCB-184	48.22	48.22	1.2000	1.2000	1.200	1.20	NO	418.80	418.80									
150	PCB-181	48.80	48.80	1.4000	1.2000	1.200	1.20	NO	418.80	418.80									
160	PCB-138	41.13	41.11	1.8000	1.2000	1.200	1.20	NO	480.82	480.82									

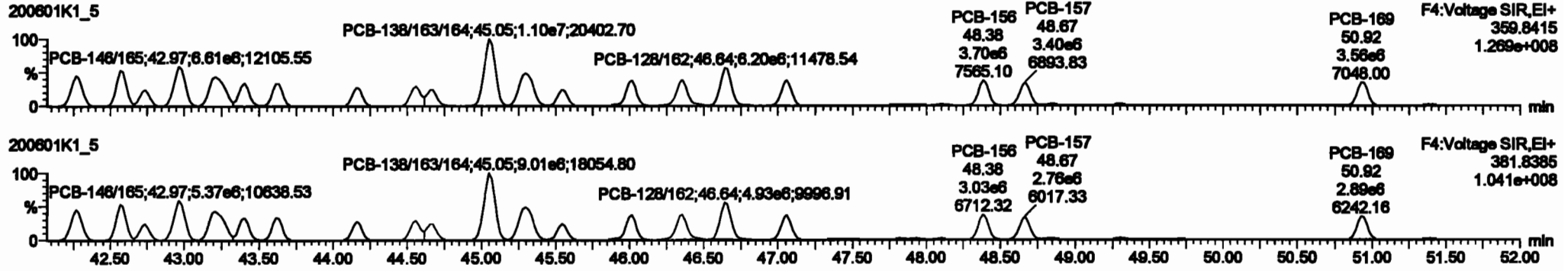


Dataset: Untitled

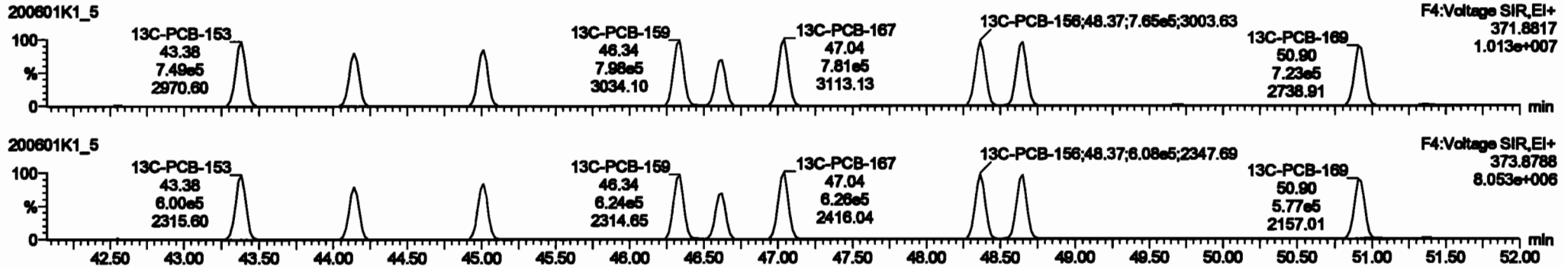
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

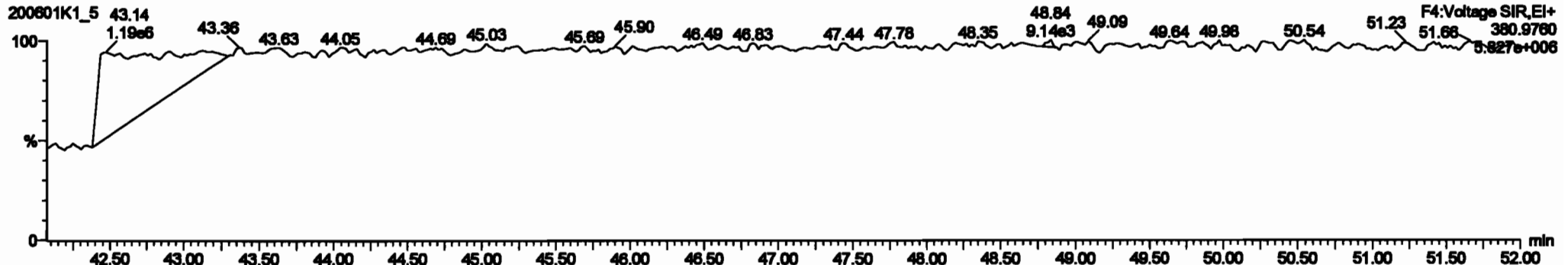
PCB-134/143



13C-PCB-153



PFK4b





Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

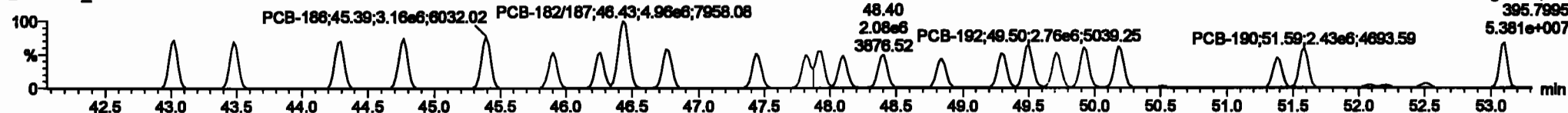
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-188**

200601K1\_5



200601K1\_5

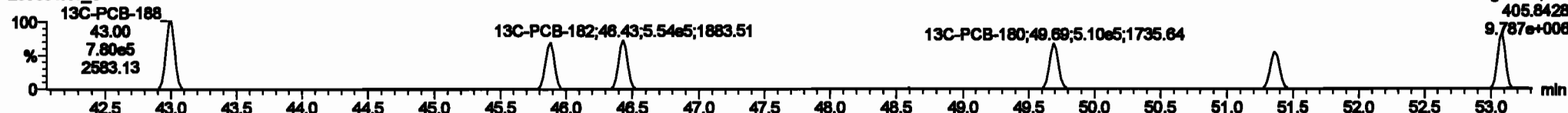


**13C-PCB-188**

200601K1\_5

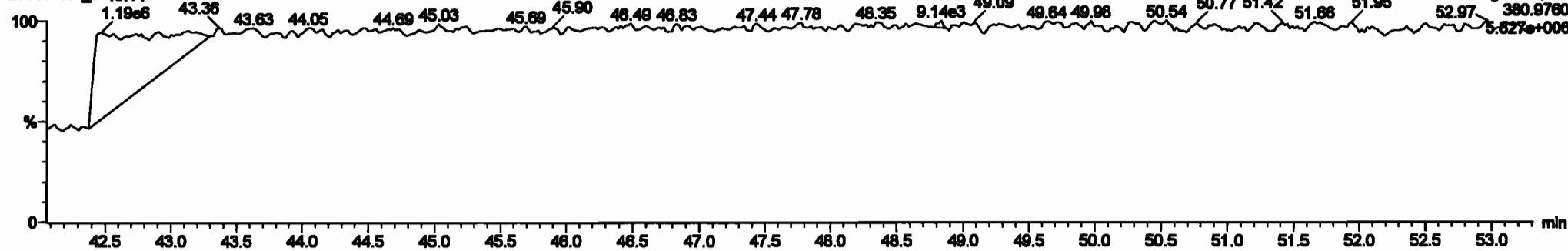


200601K1\_5



**PFK4c**

200601K1\_5



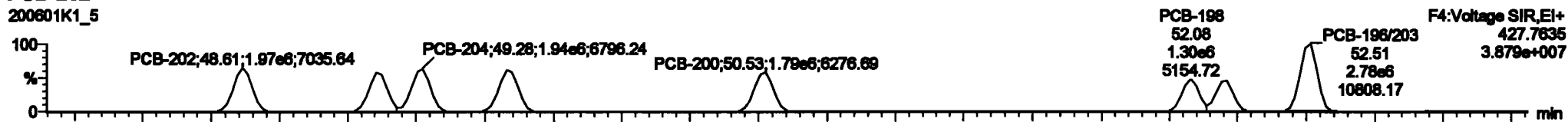
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

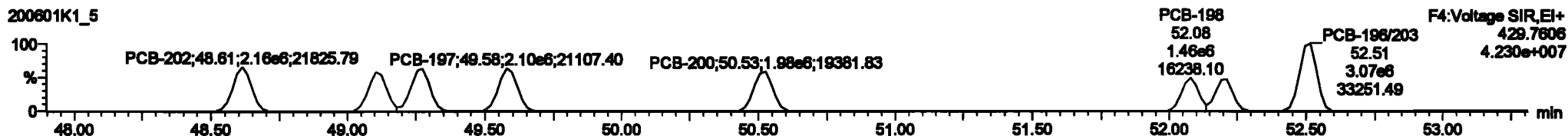
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-202**

200601K1\_5

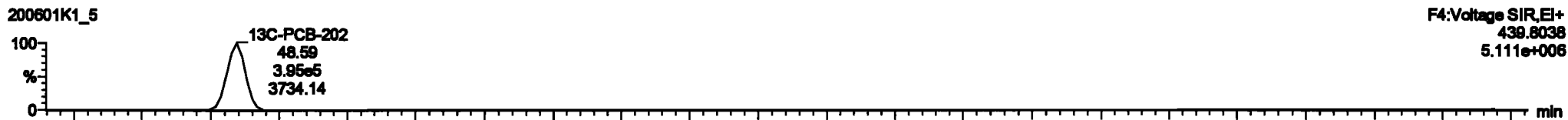


200601K1\_5

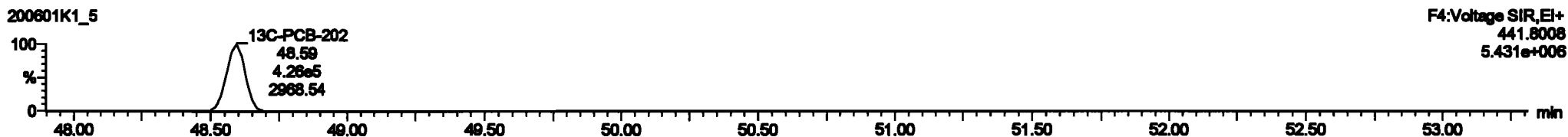


**13C-PCB-202**

200601K1\_5

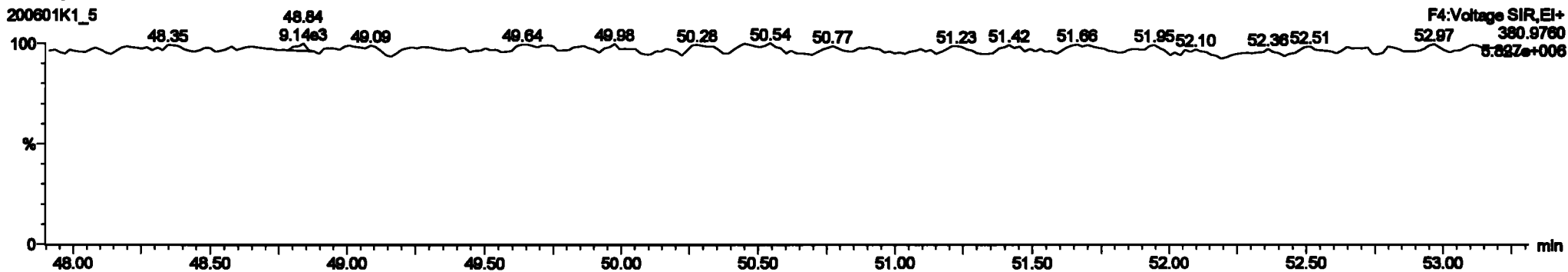


200601K1\_5



**PFK4d**

200601K1\_5



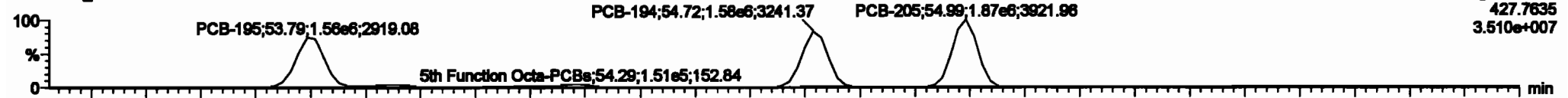
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

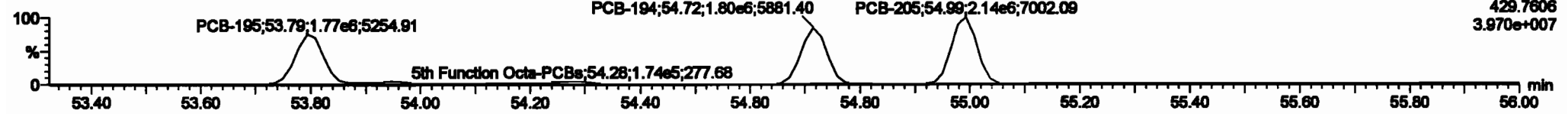
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-195**

200601K1\_5

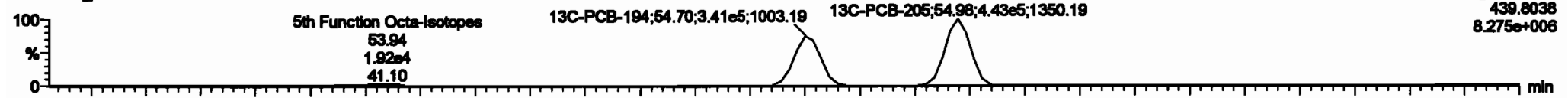


200601K1\_5

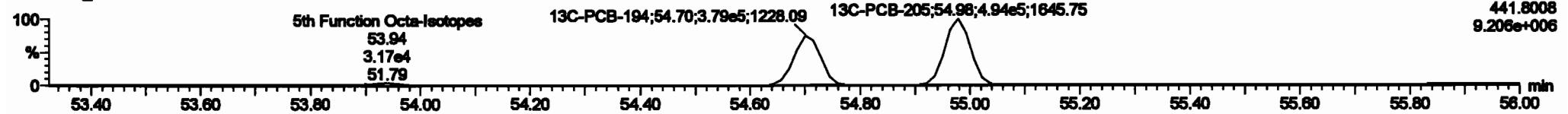


**13C-PCB-194**

200601K1\_5

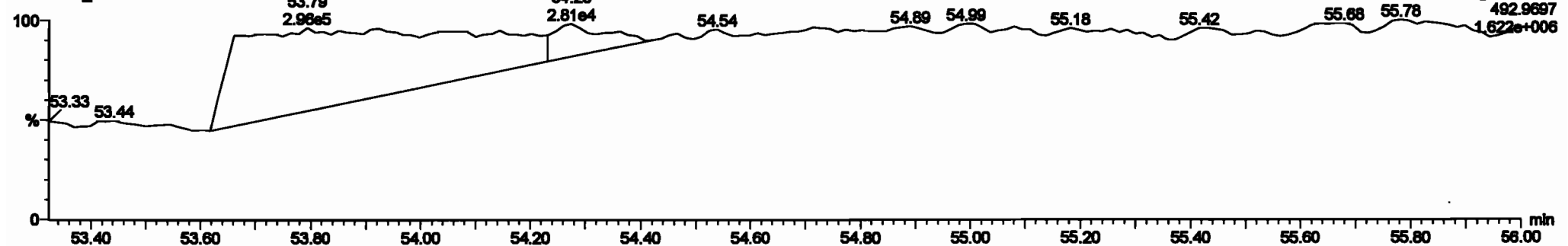


200601K1\_5



**PFK5a**

200601K1\_5



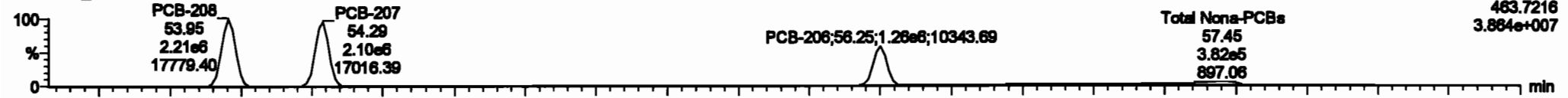
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

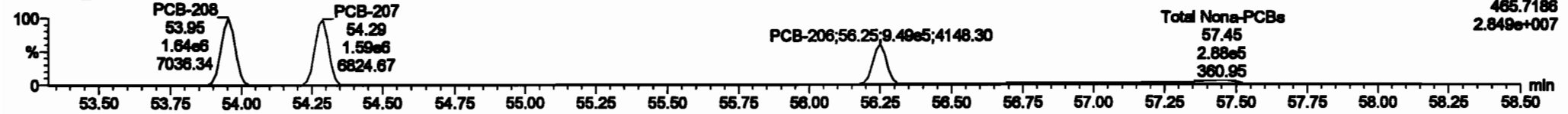
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-208**

200601K1\_5

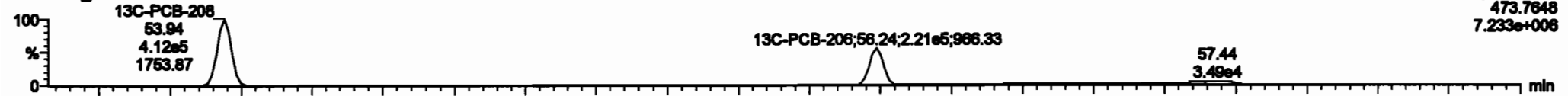


200601K1\_5

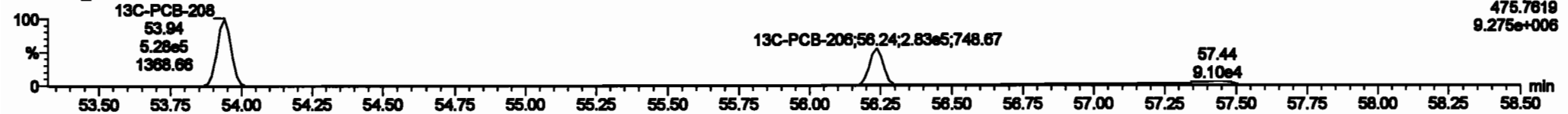


**13C-PCB-208**

200601K1\_5

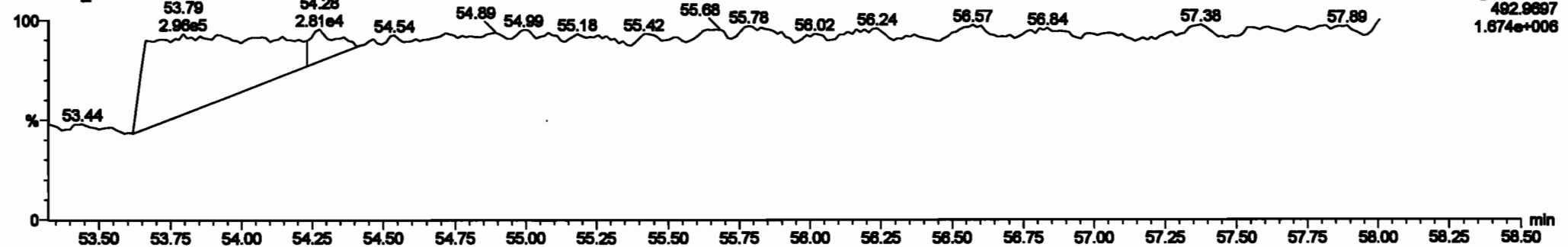


200601K1\_5



**PFK5**

200601K1\_5





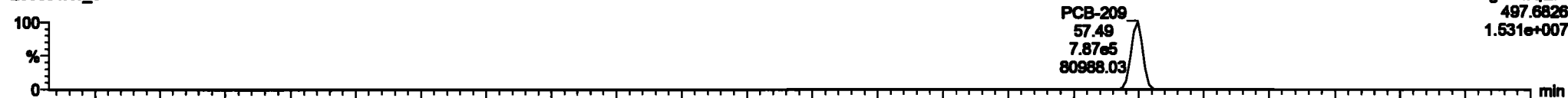
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

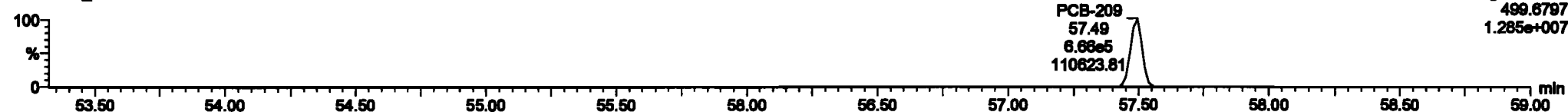
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-209**

200601K1\_5

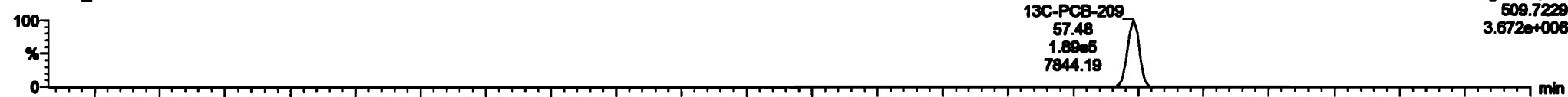


200601K1\_5

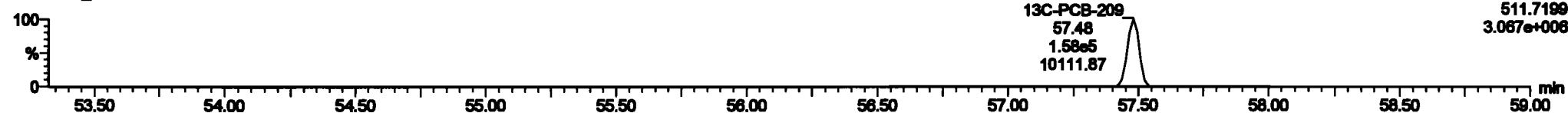


**13C-PCB-209**

200601K1\_5

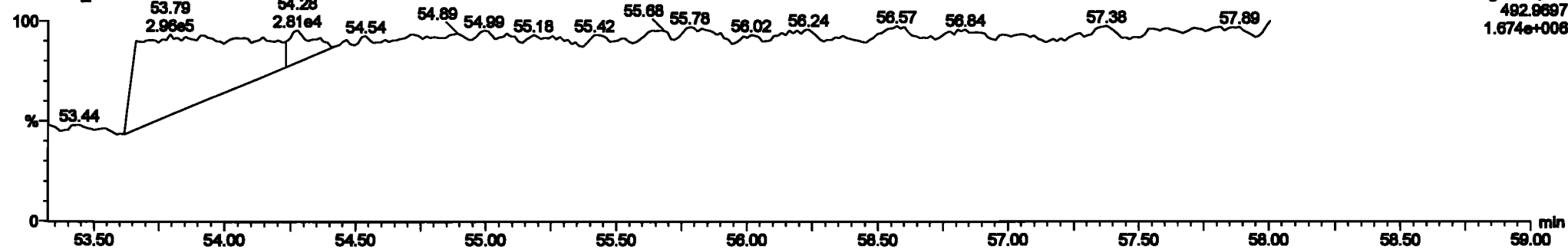


200601K1\_5



**PFK5b**

200601K1\_5

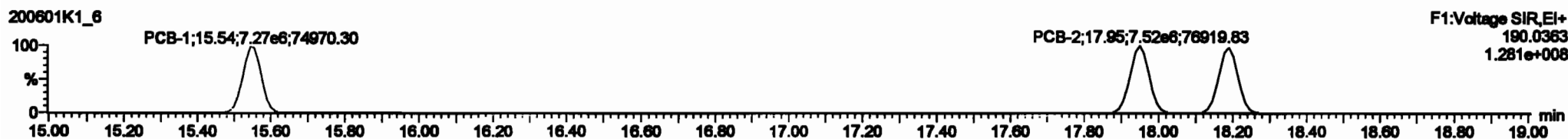


Dataset: Untitled

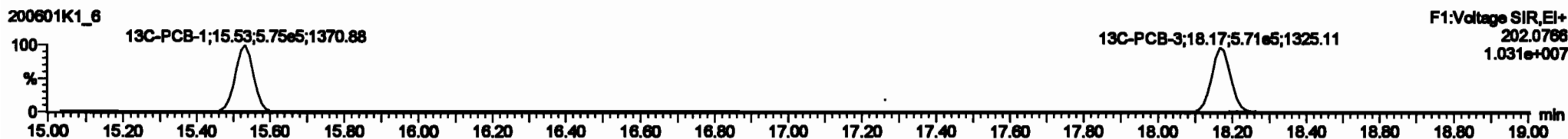
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

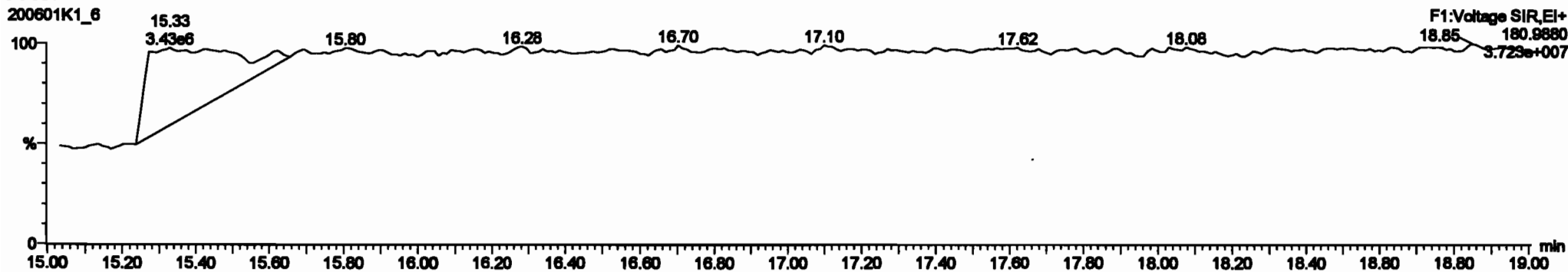
**PCB-1**



**13C-PCB-1**



**PFK1**

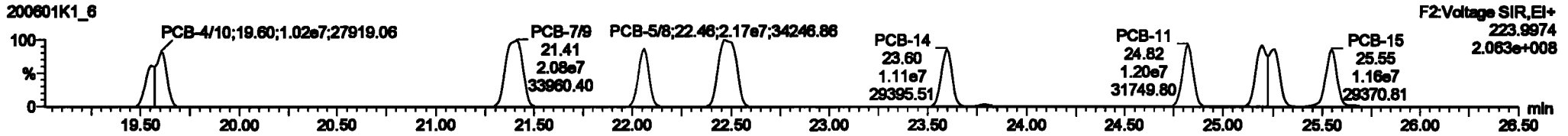
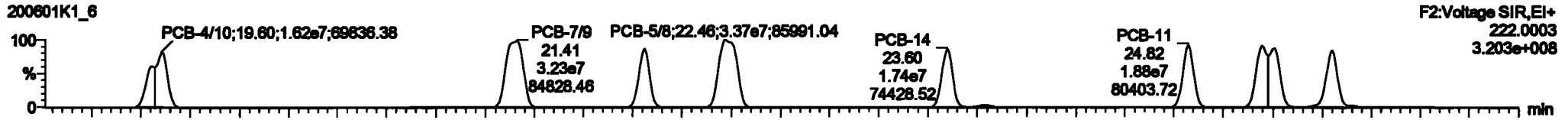


Dataset: Untitled

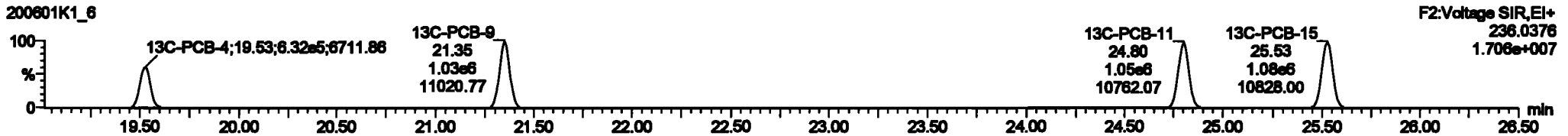
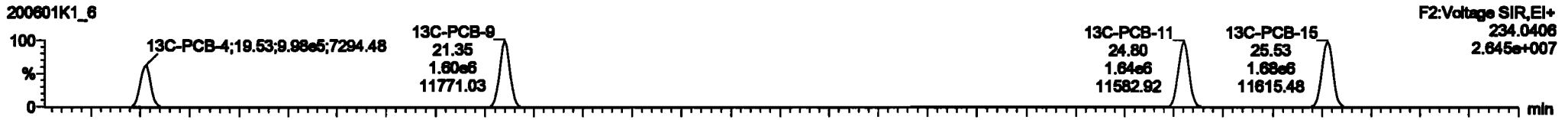
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2811, Description: PCB 209 CS5 19G2811

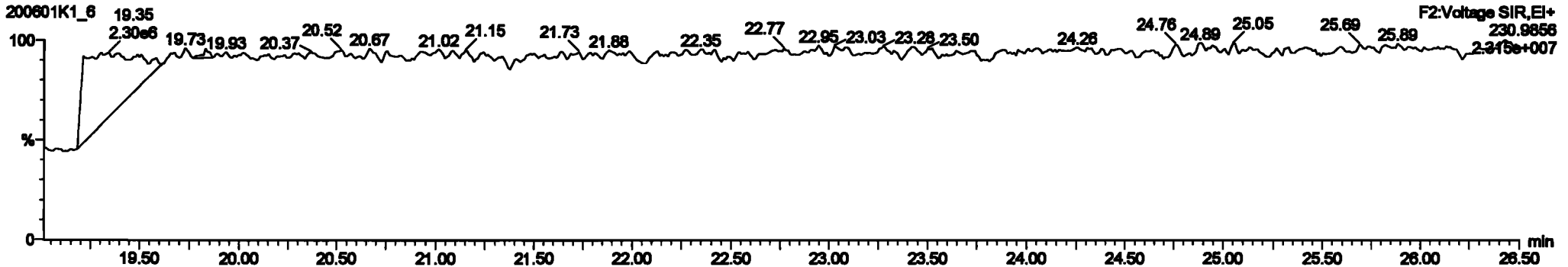
**PCB-4/10**



**13C-PCB-4**



**PFK2a**



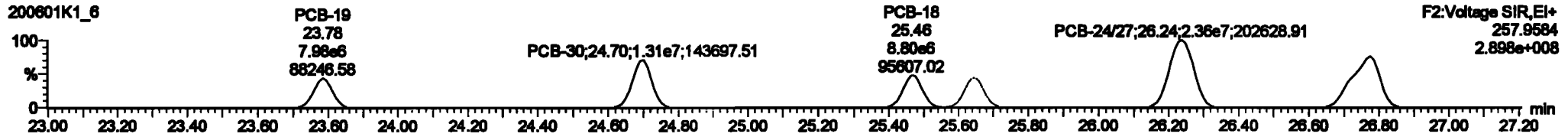


Dataset: Untitled

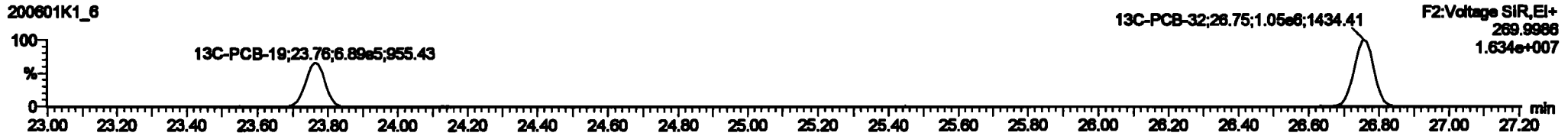
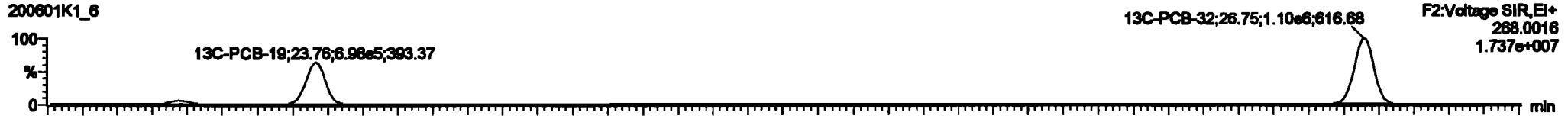
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

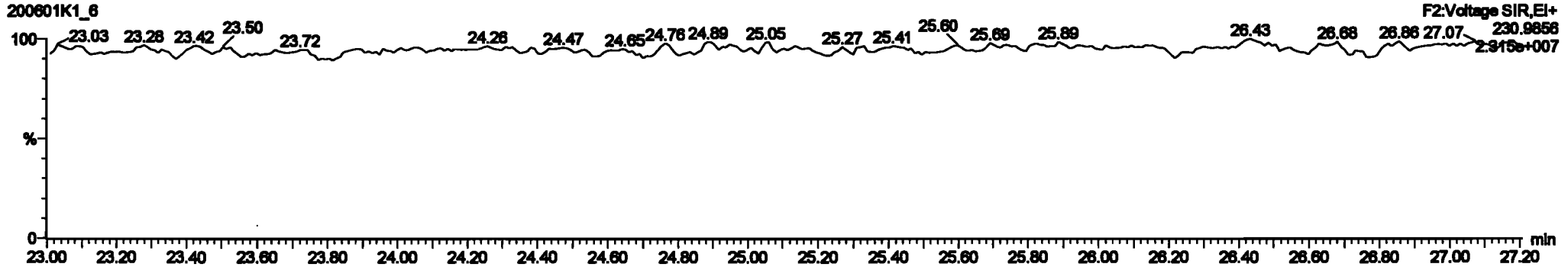
PCB-19



13C-PCB-19



PFK2b

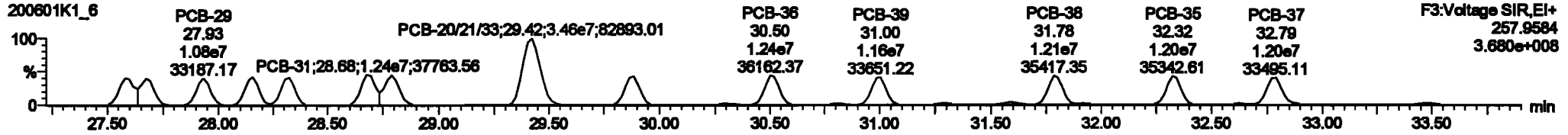
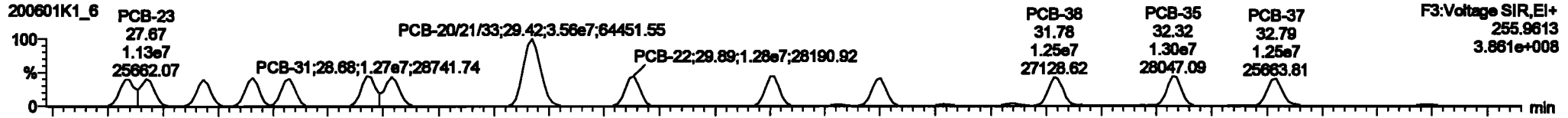


Dataset: Untitled

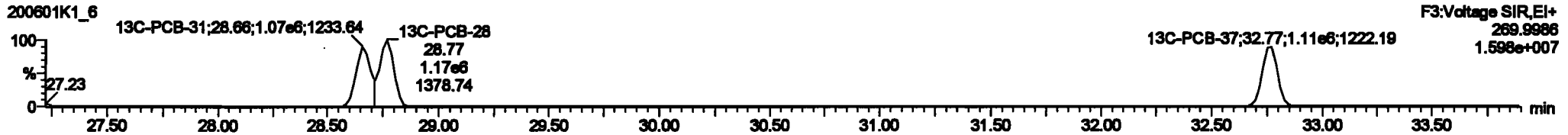
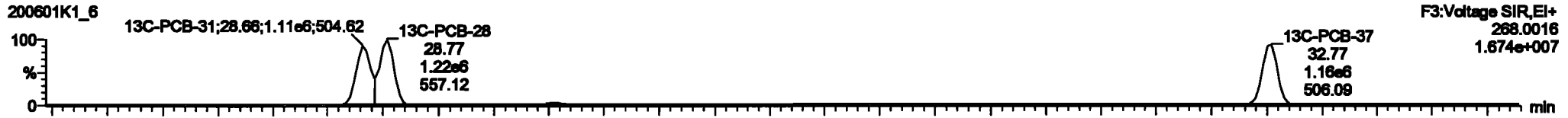
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

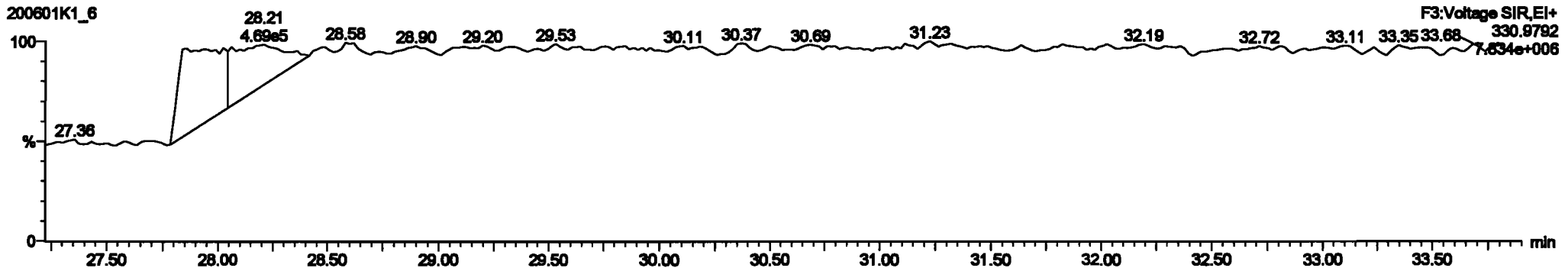
**PCB-34**



**13C-PCB-28**



**PFK3d**





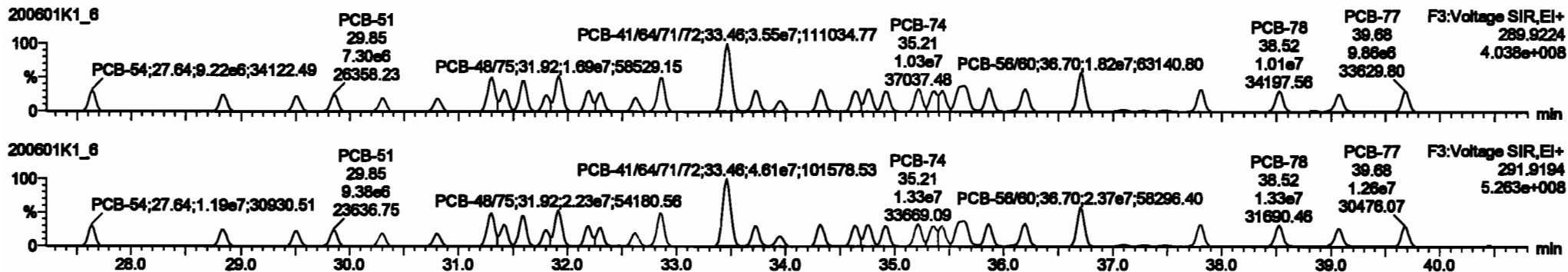


Dataset: Untitled

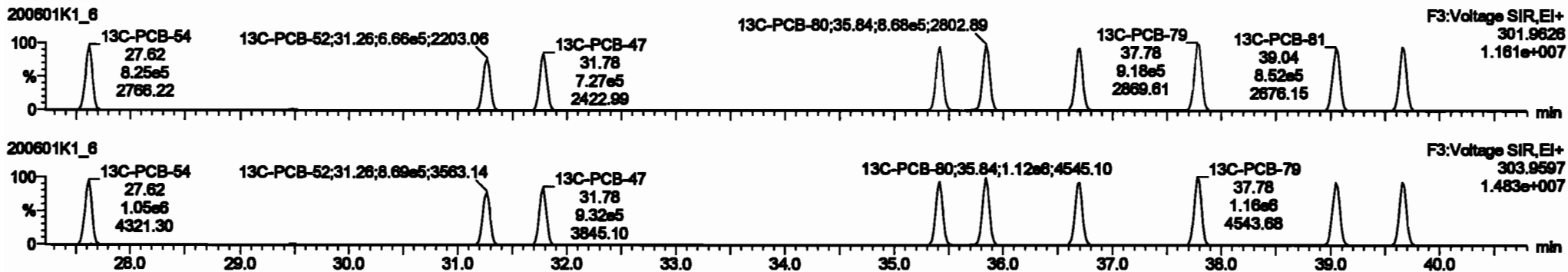
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

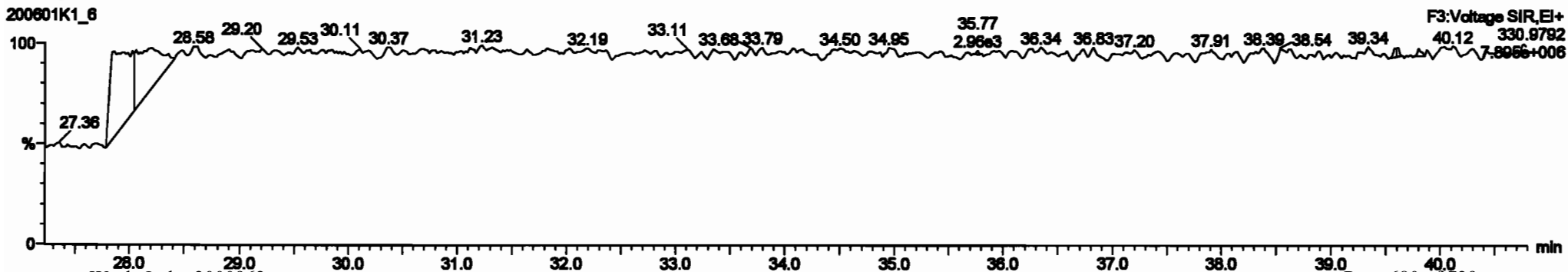
**PCB-54**



**13C-PCB-54**



**PFK3a**



Dataset: Untitled

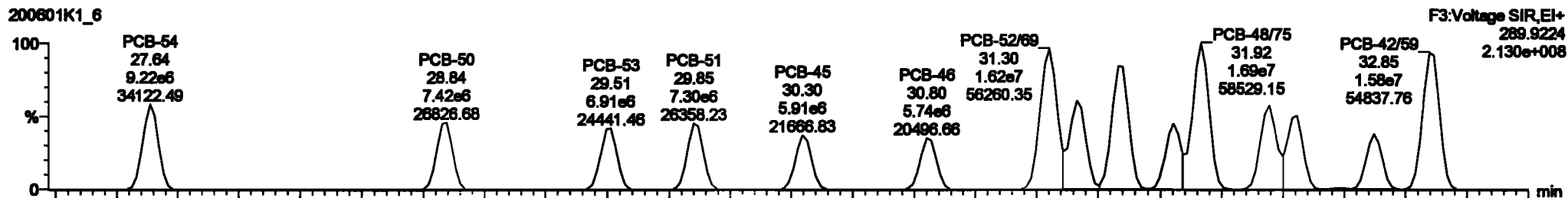
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

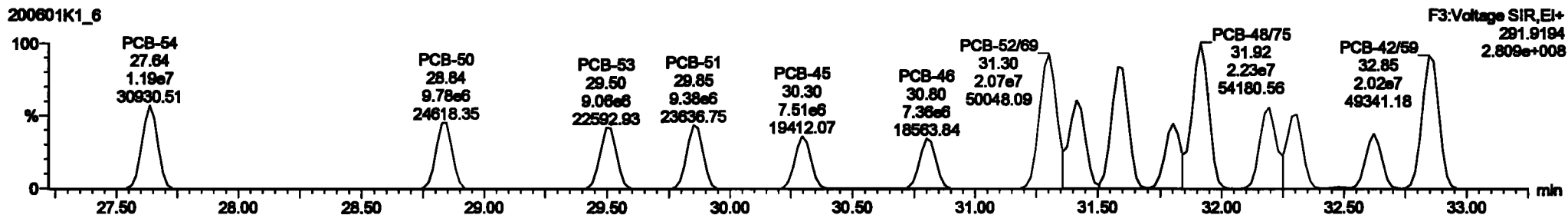
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

PCB-50

200601K1\_6



200601K1\_6

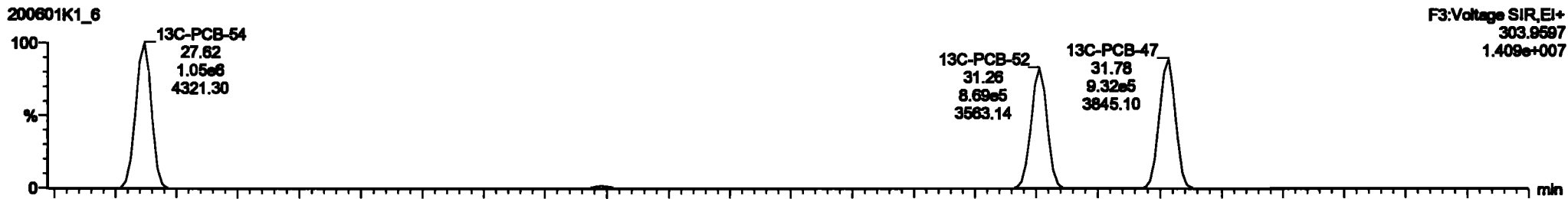


13C-PCB-52

200601K1\_6



200601K1\_6

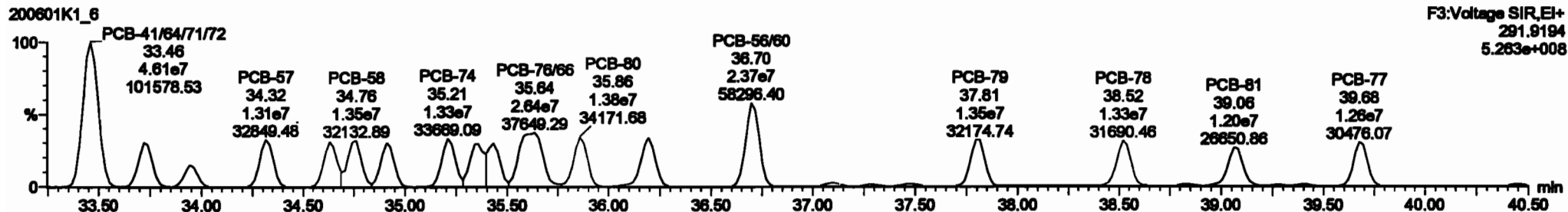
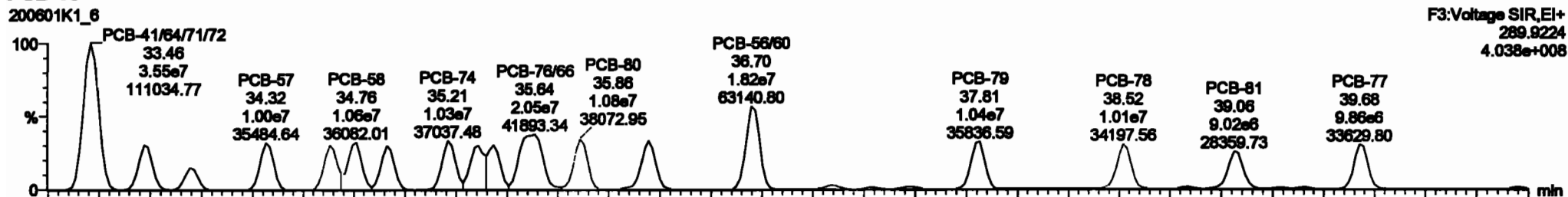


Dataset: Untitled

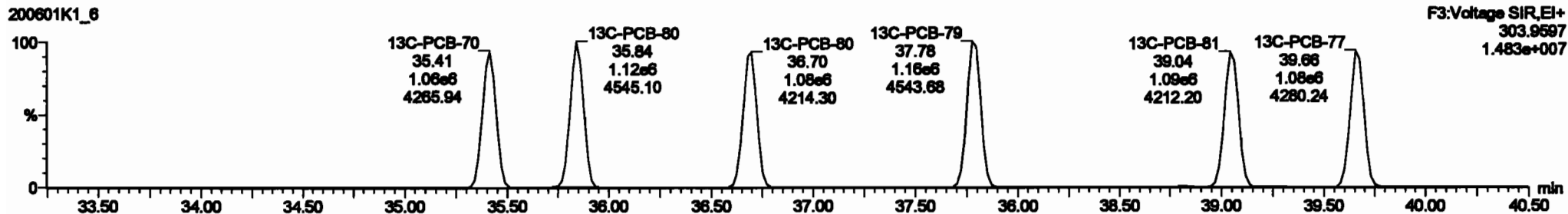
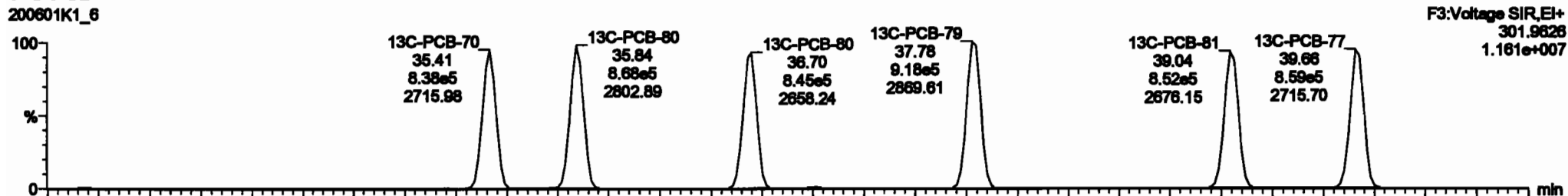
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

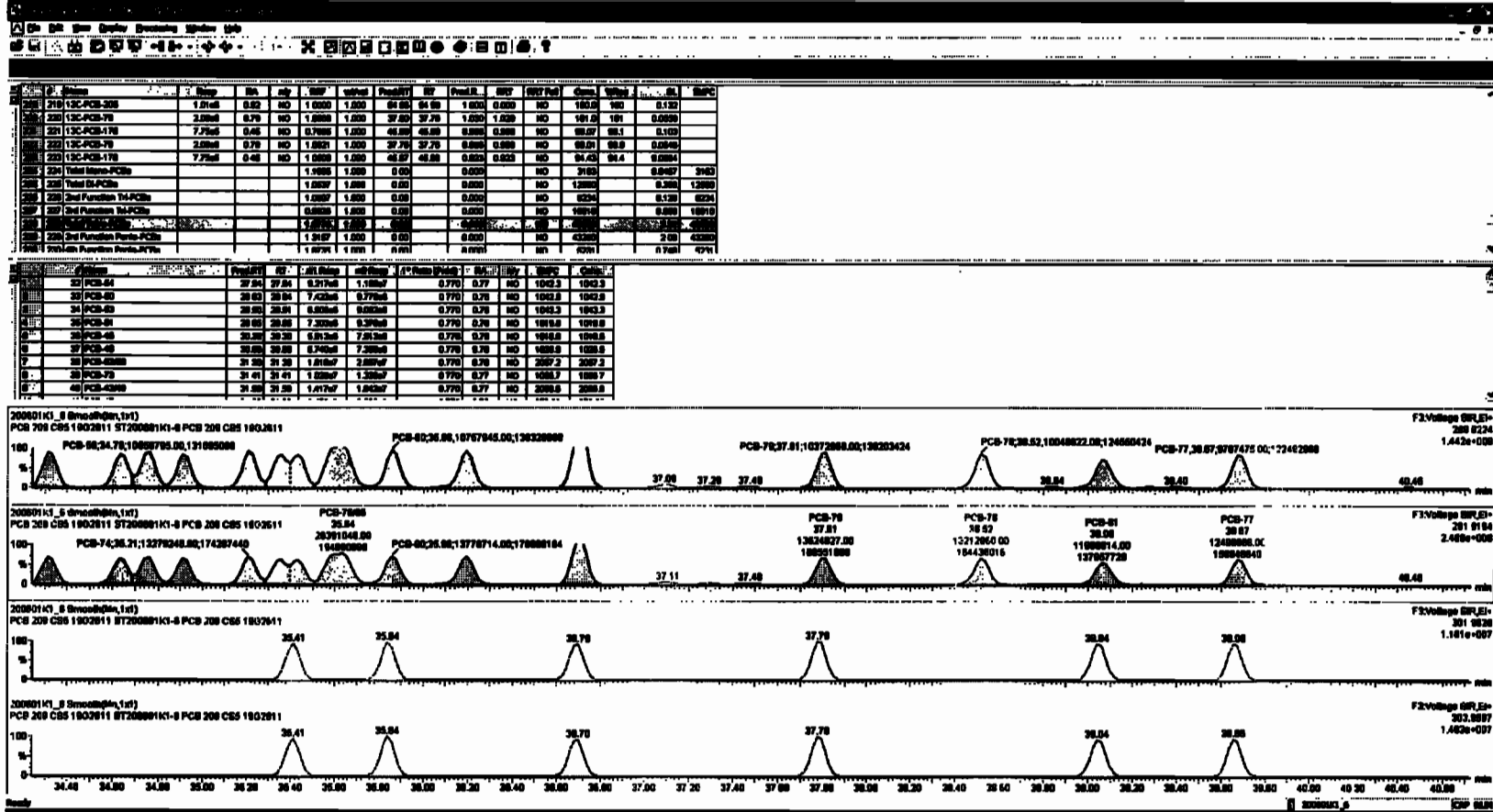
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-68**



**13C-PCB-60**



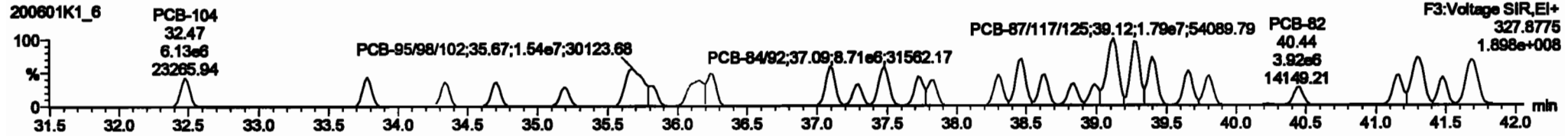
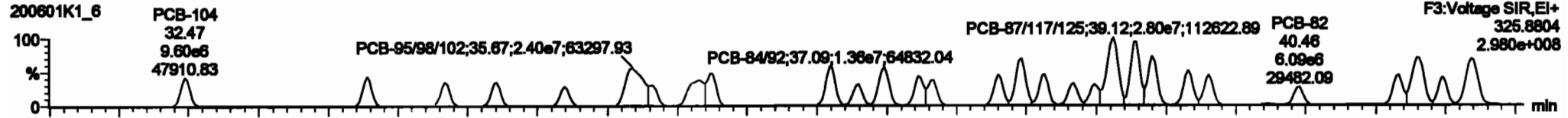


Dataset: Untitled

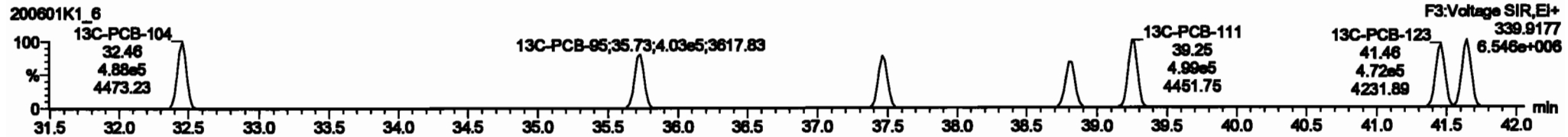
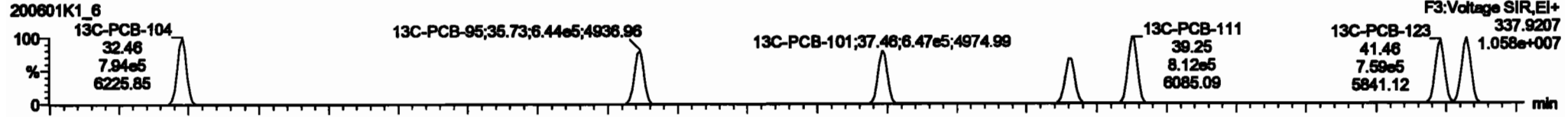
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

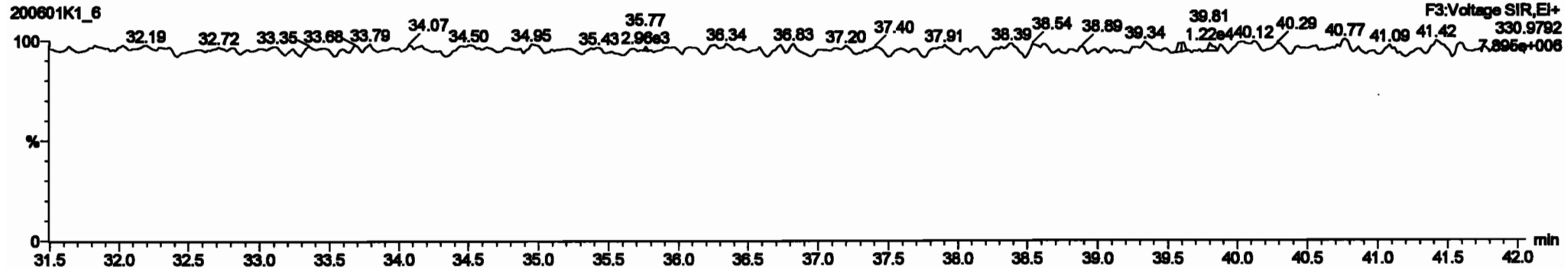
**PCB-104**



**13C-PCB-104**



**PFK3b**



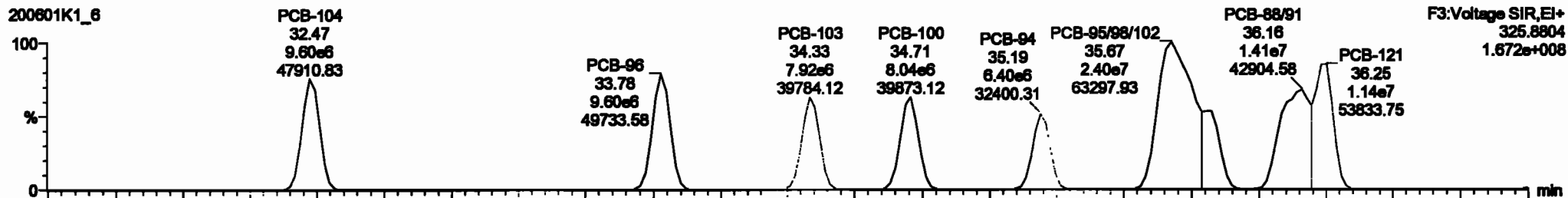
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

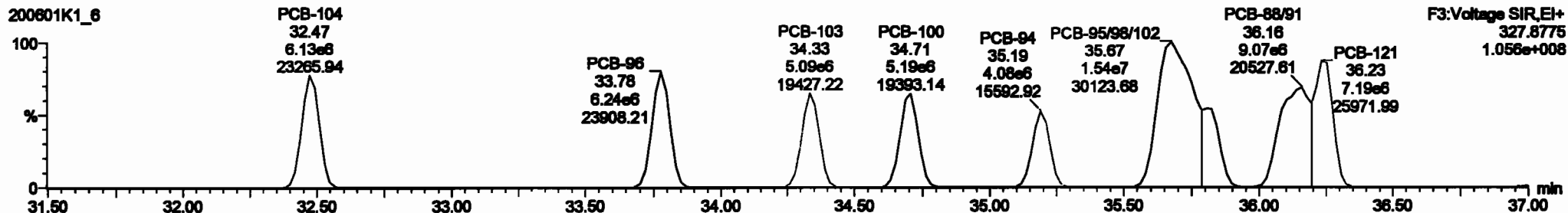
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-96**

200601K1\_6



200601K1\_6

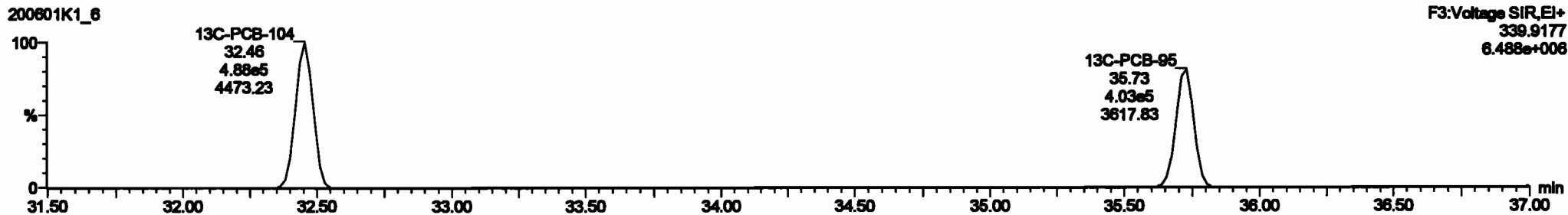


**13C-PCB-95**

200601K1\_6



200601K1\_6



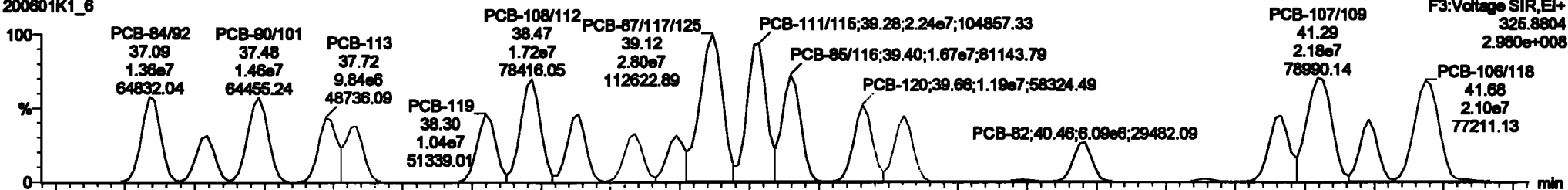
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

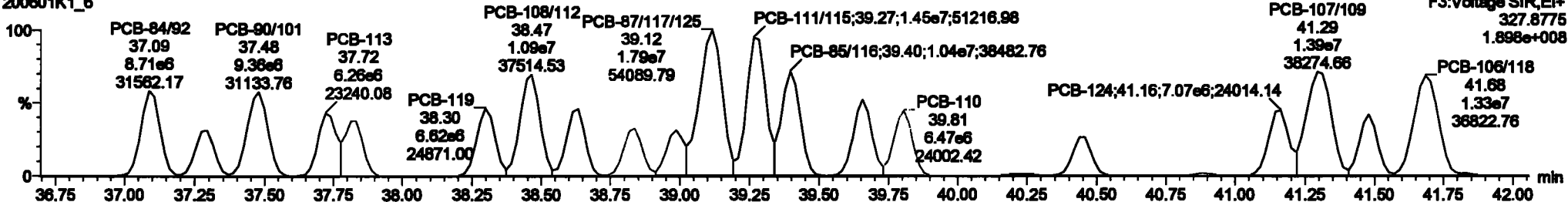
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

PCB-119

200601K1\_6

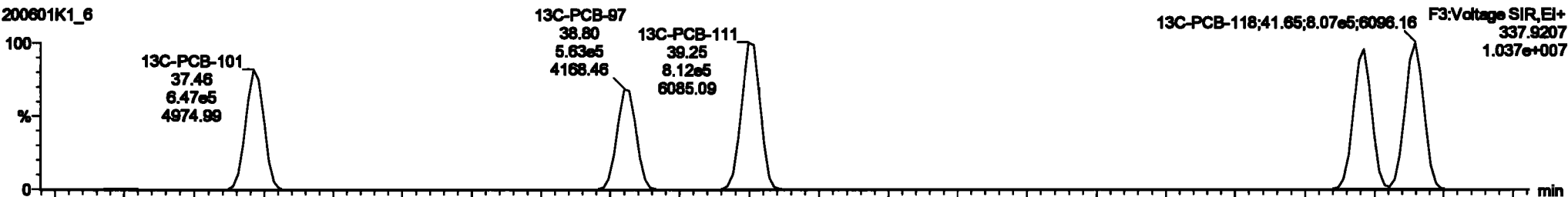


200601K1\_6

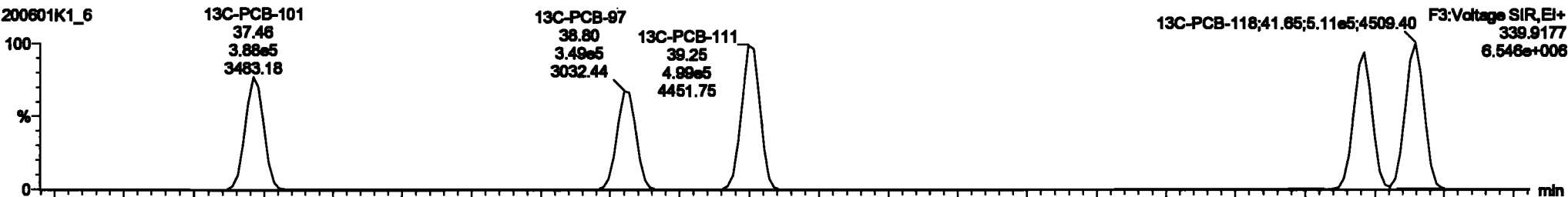


13C-PCB-111

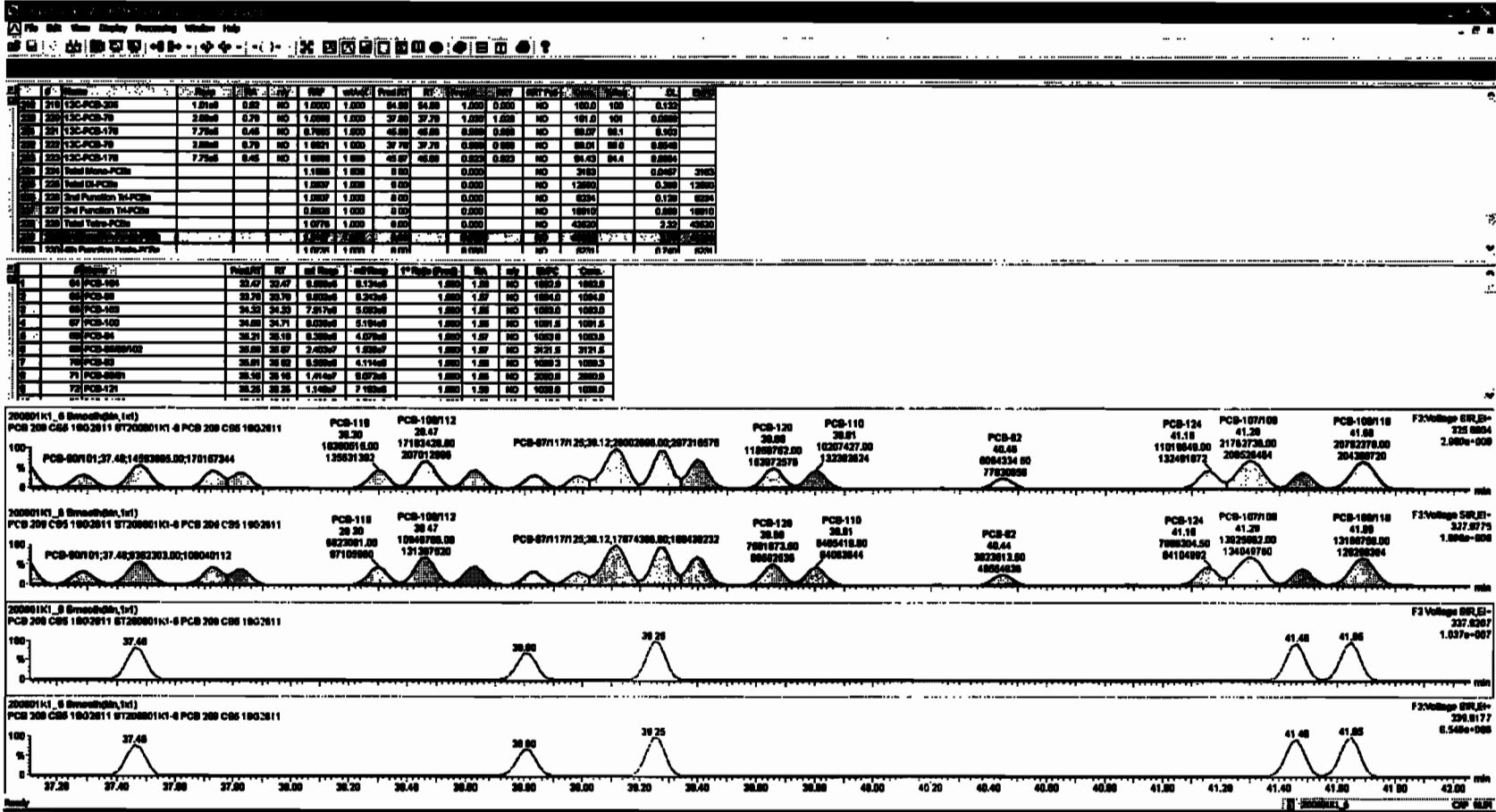
200601K1\_6



200601K1\_6





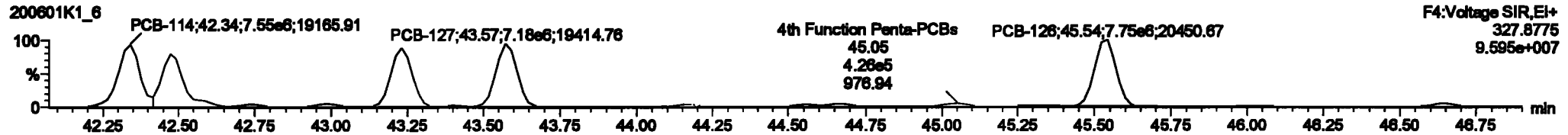
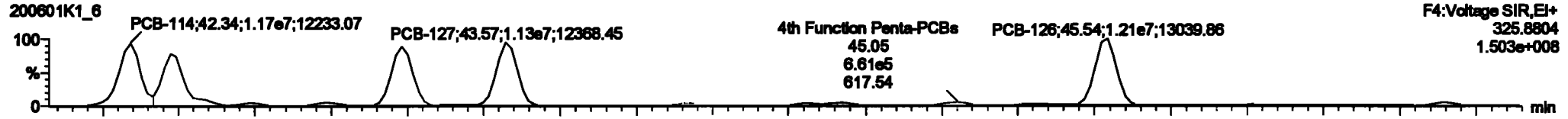


Dataset: Untitled

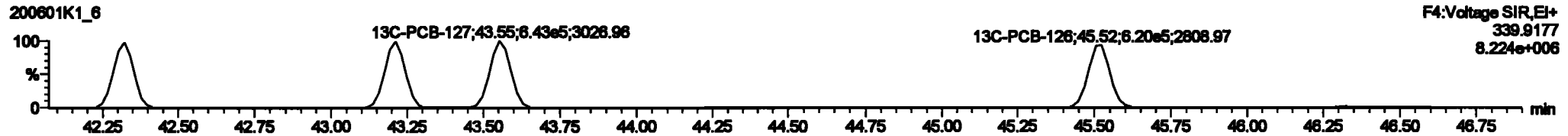
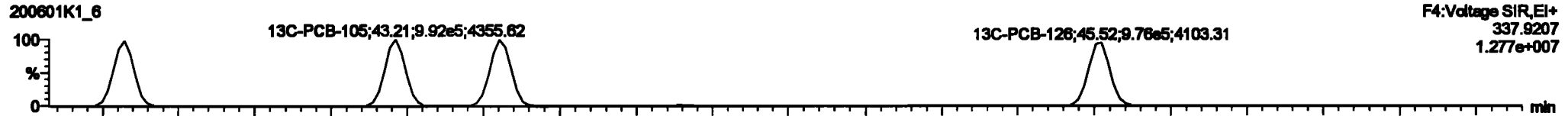
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

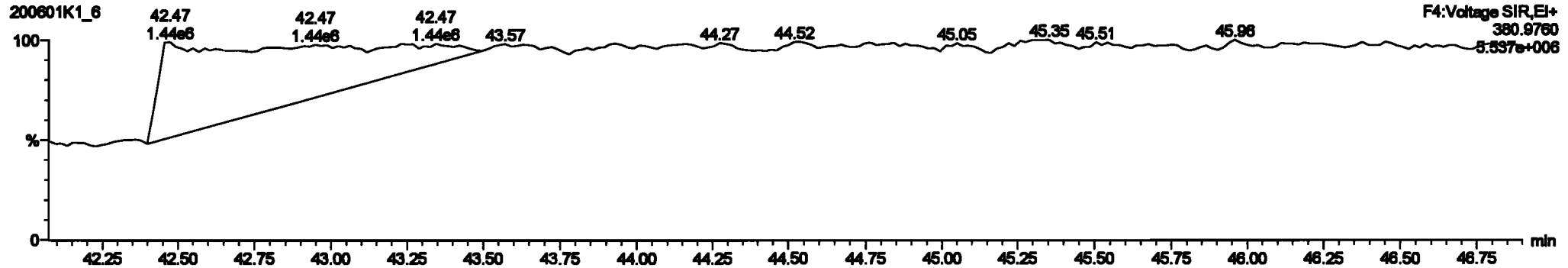
**PCB-114**



**13C-PCB-114**



**PFK4a**





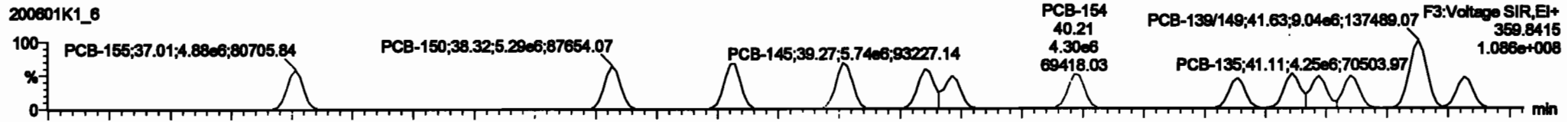
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

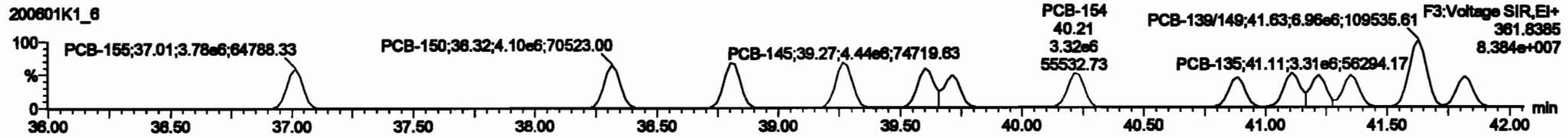
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-155**

200601K1\_6

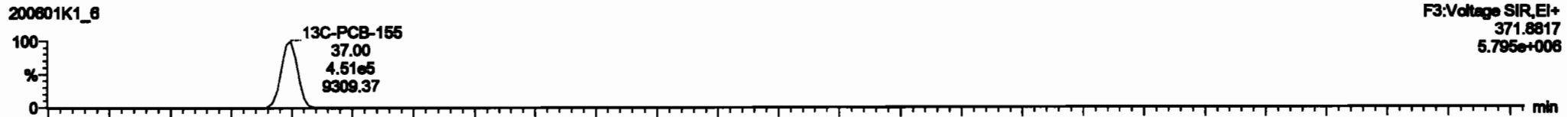


200601K1\_6

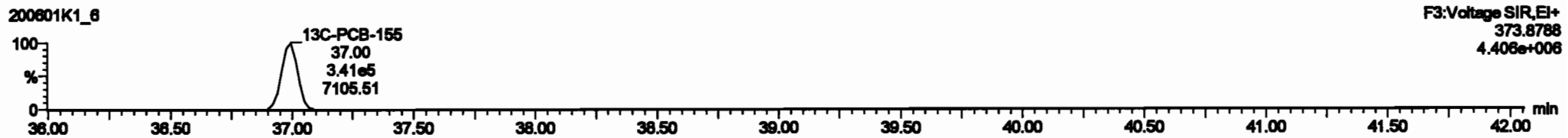


**13C-PCB-155**

200601K1\_6

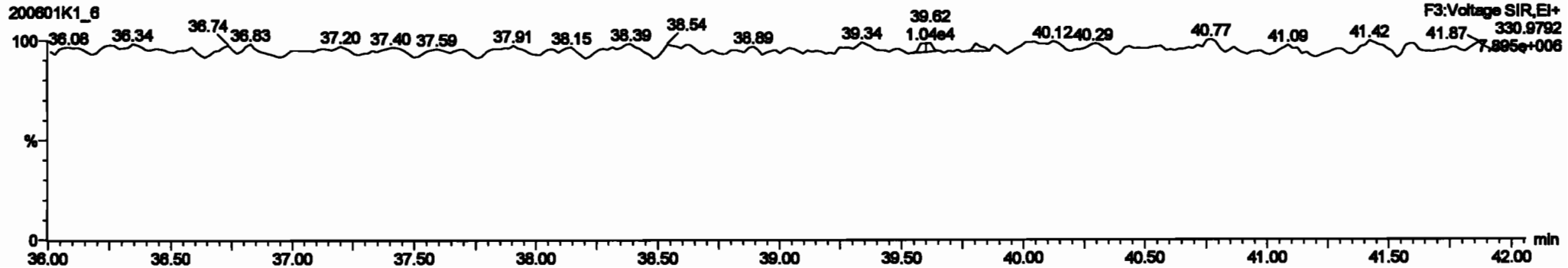


200601K1\_6



**PFK3c**

200601K1\_6



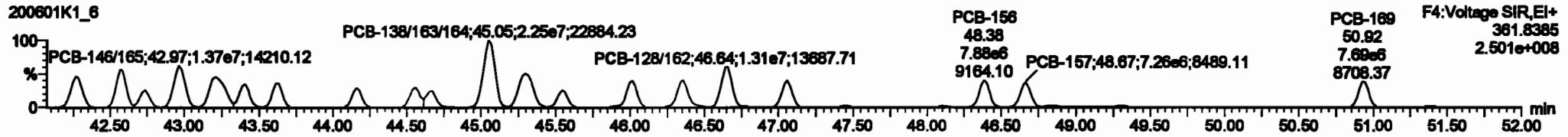
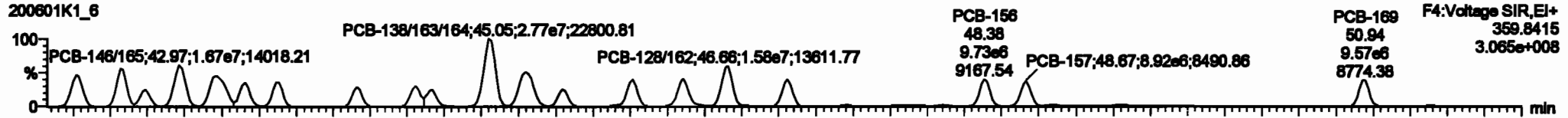


Dataset: Untitled

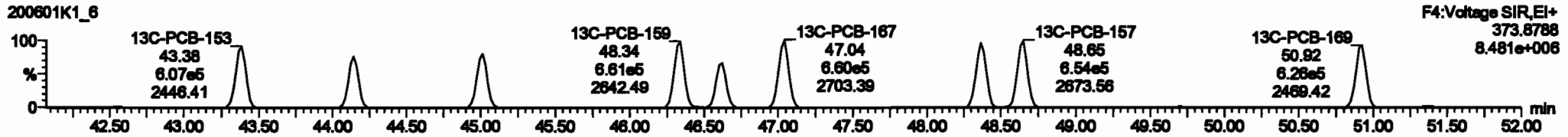
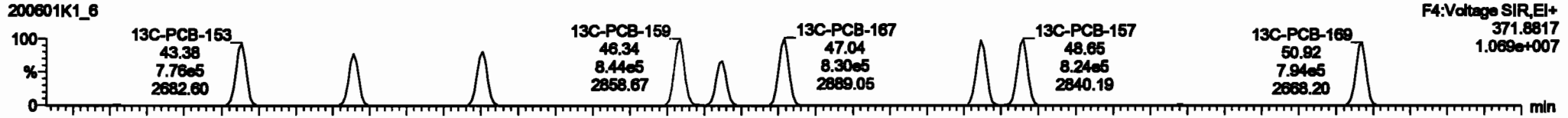
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

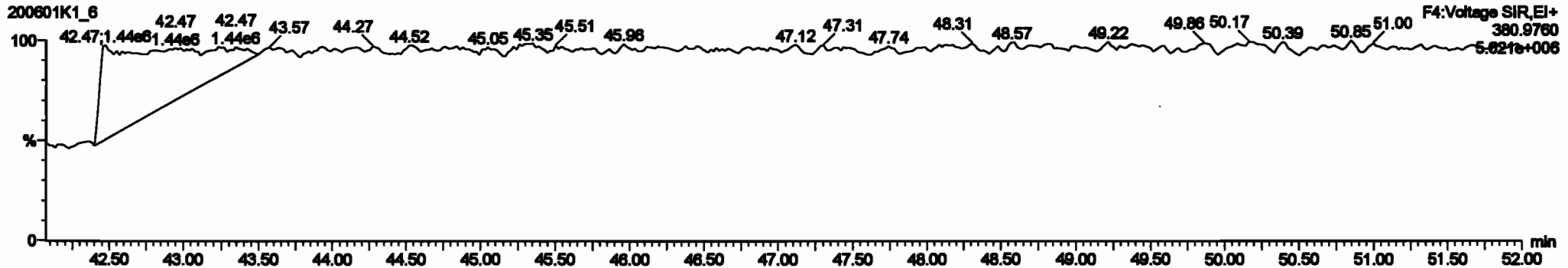
PCB-134/143



13C-PCB-153



PFK4b







Dataset: Untitled

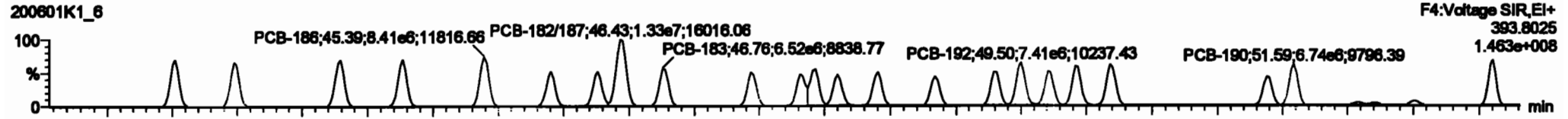
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

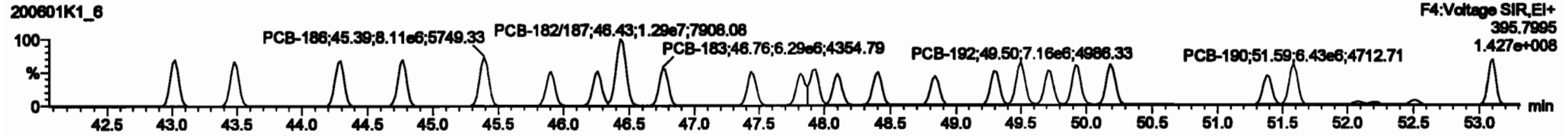
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2811, Description: PCB 209 CS5 19G2811

**PCB-188**

200601K1\_6

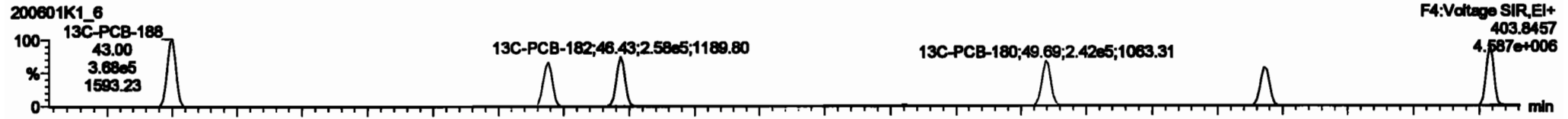


200601K1\_6

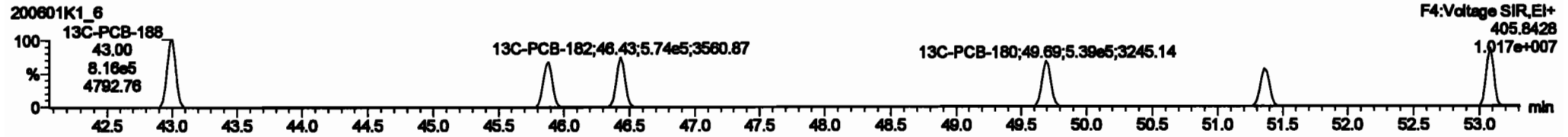


**13C-PCB-188**

200601K1\_6

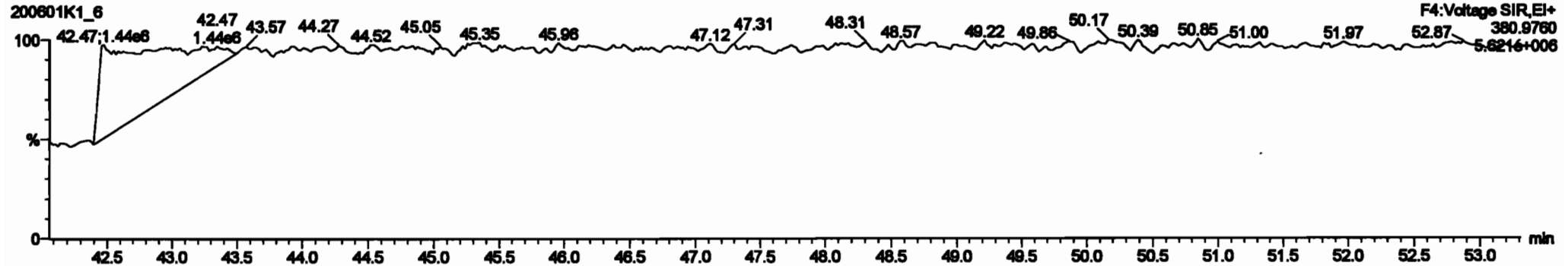


200601K1\_6



**PFK4c**

200601K1\_6



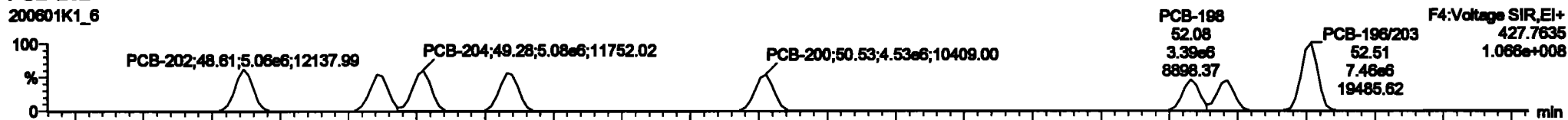
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

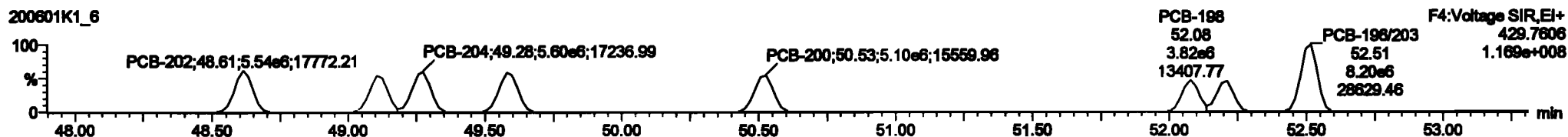
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-202**

200601K1\_6

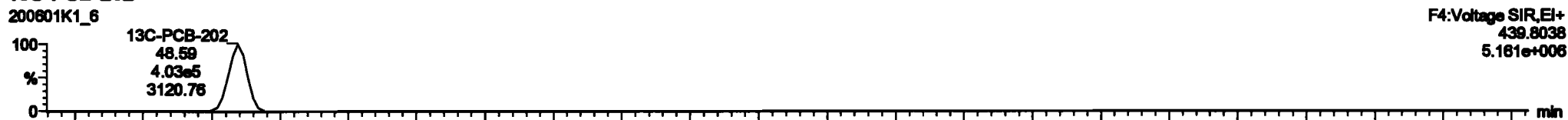


200601K1\_6

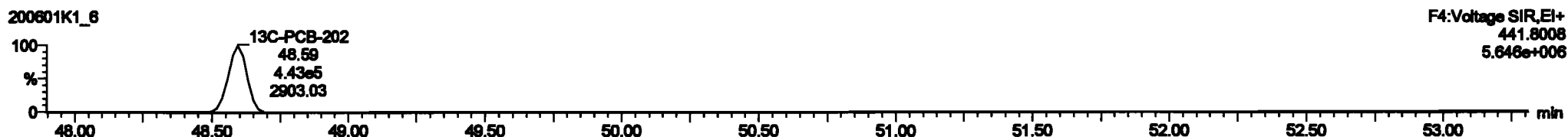


**13C-PCB-202**

200601K1\_6

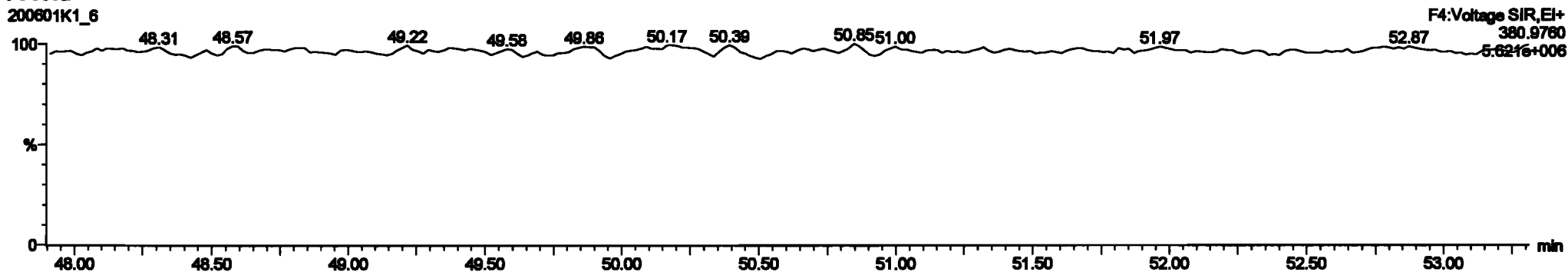


200601K1\_6



**PFK4d**

200601K1\_6



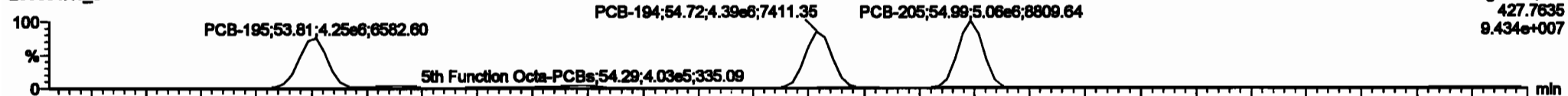
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

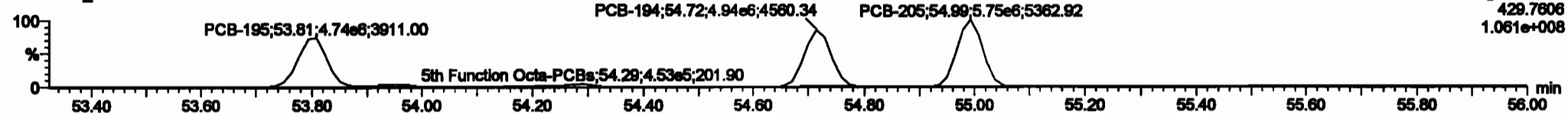
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-195**

200601K1\_6

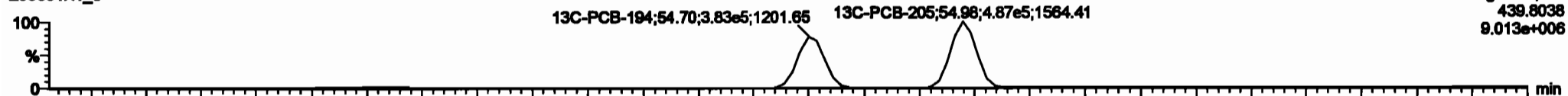


200601K1\_6

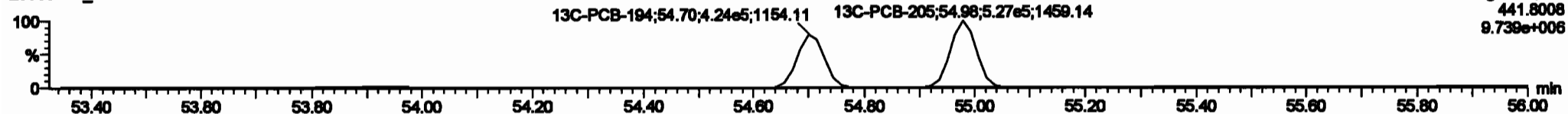


**13C-PCB-194**

200601K1\_6

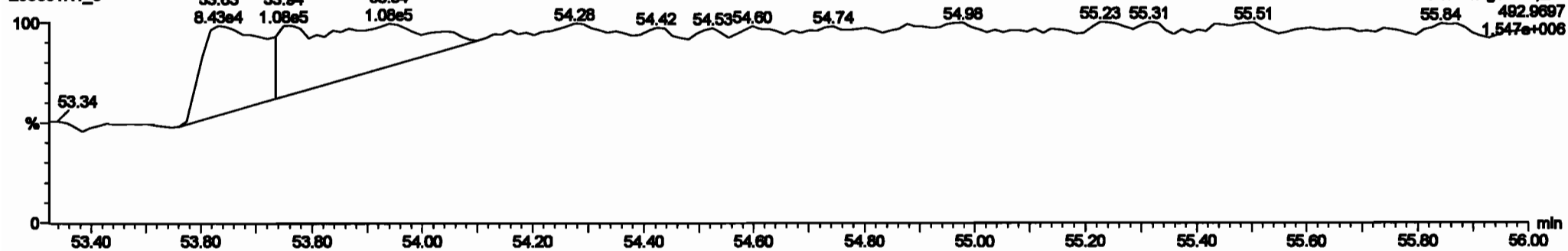


200601K1\_6



**PFK5a**

200601K1\_6

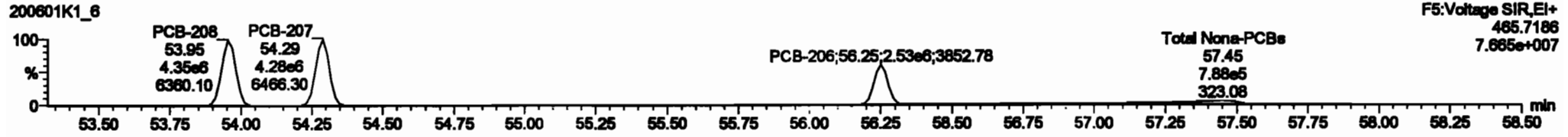
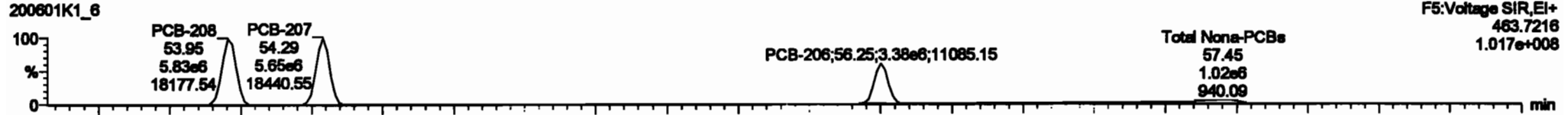


Dataset: Untitled

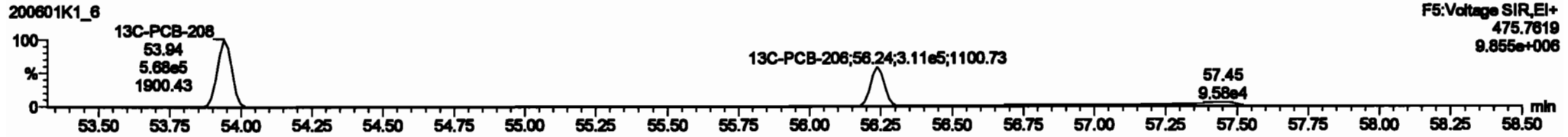
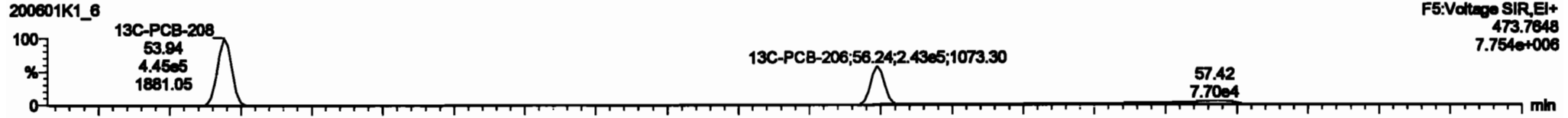
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

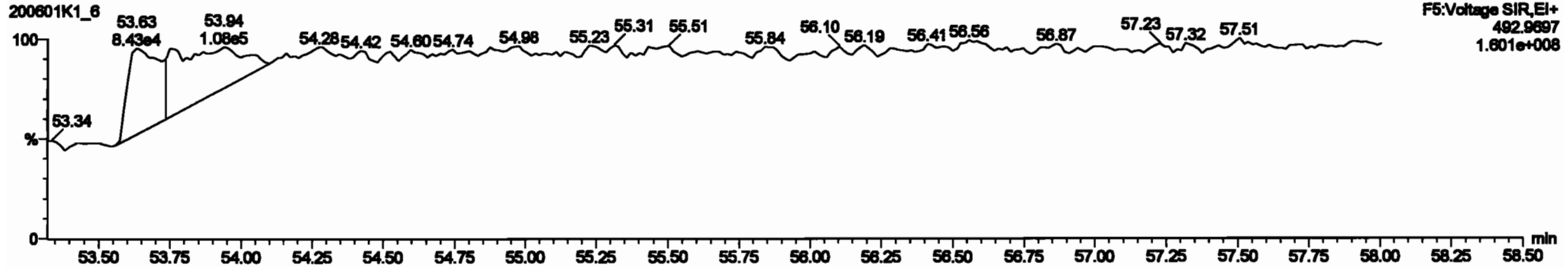
**PCB-208**



**13C-PCB-208**



**PFK5**



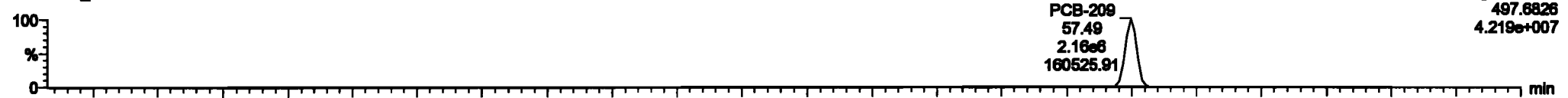
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

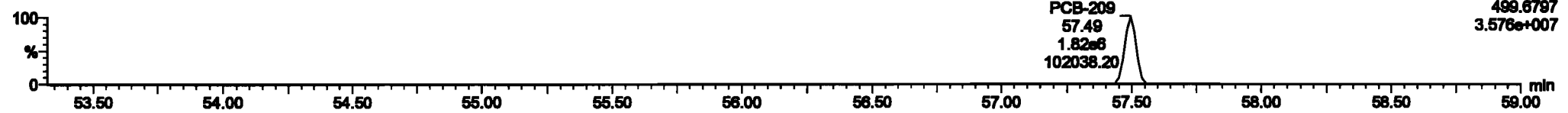
**PCB-209**

200601K1\_6



F5:Voltage SIR,EI+  
497.6826  
4.219e+007

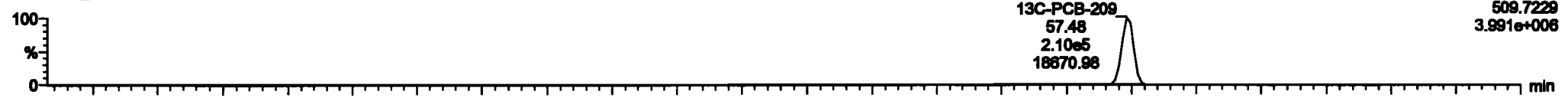
200601K1\_6



F5:Voltage SIR,EI+  
499.6797  
3.576e+007

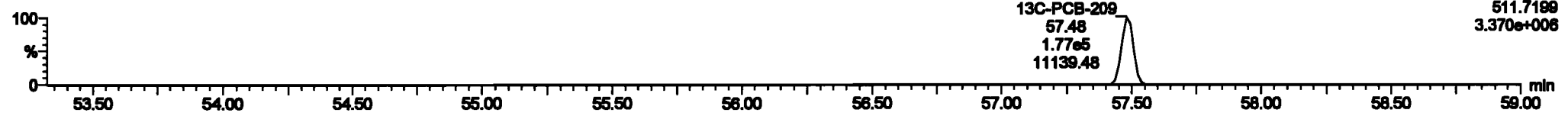
**13C-PCB-209**

200601K1\_6



F5:Voltage SIR,EI+  
509.7229  
3.991e+008

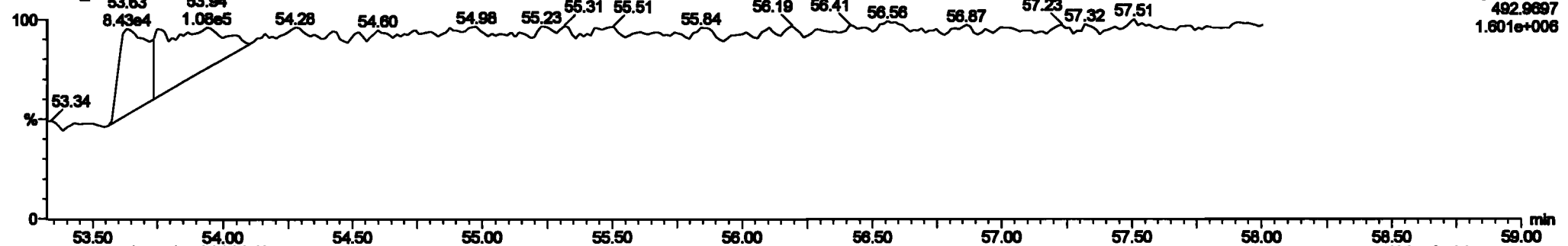
200601K1\_6



F5:Voltage SIR,EI+  
511.7199  
3.370e+008

**PFK5b**

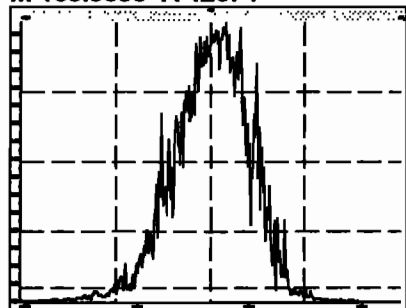
200601K1\_6



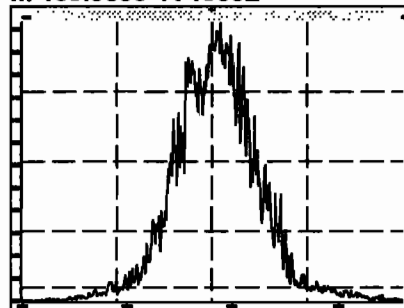
F5:Voltage SIR,EI+  
492.9897  
1.601e+006

Printed: Tuesday, June 02, 2020 02:33:38 Pacific Daylight Time

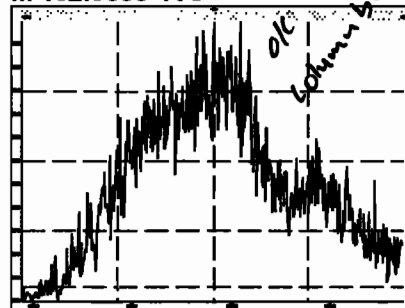
M 168.9888 R 12074



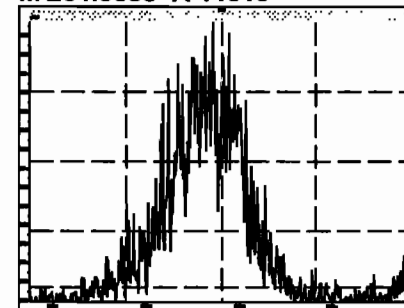
M 180.9888 R 10992



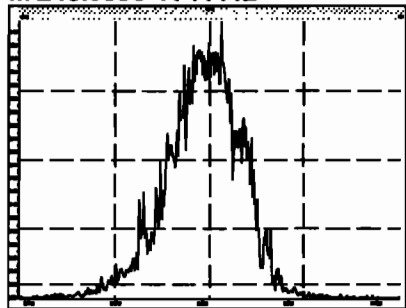
M 192.9888 R 0



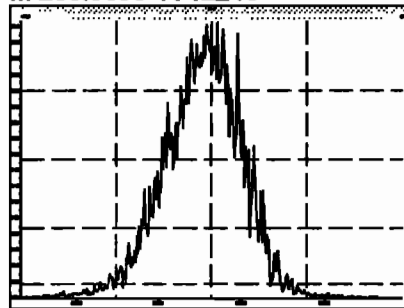
M 204.9888 R 14010



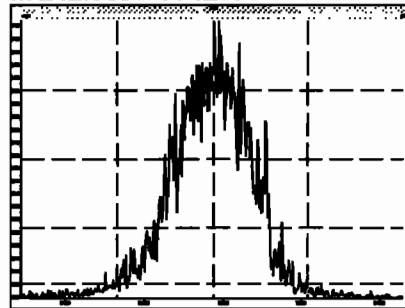
M 218.9856 R 11112



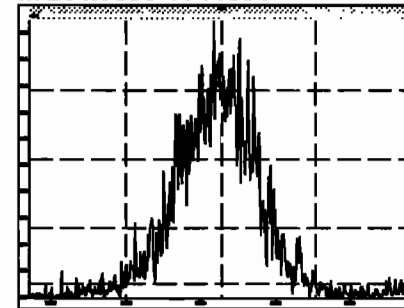
M 230.9856 R 12243



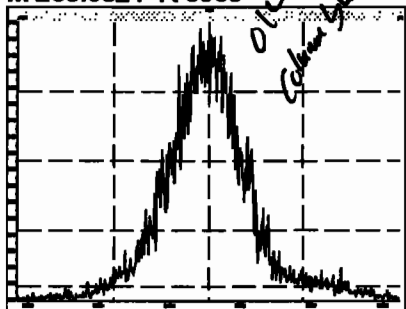
M 242.9856 R 12373



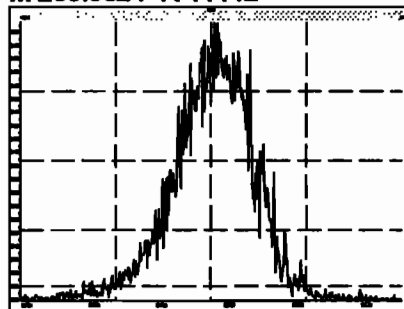
M 254.9856 R 11834



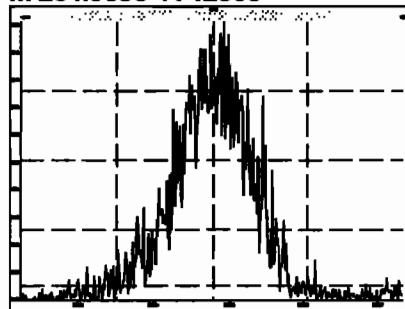
M 268.9824 R 9960



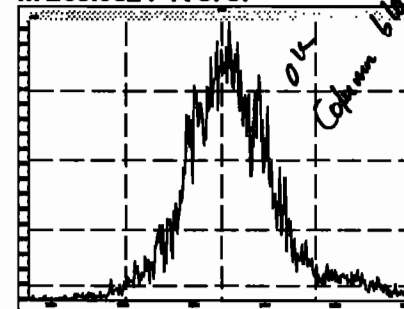
M 280.9824 R 11142



M 254.9856 R 12563

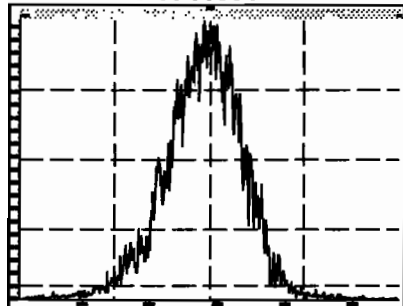


M 268.9824 R 8787

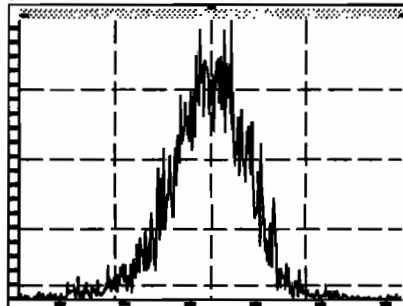


Printed: Tuesday, June 02, 2020 02:33:38 Pacific Daylight Time

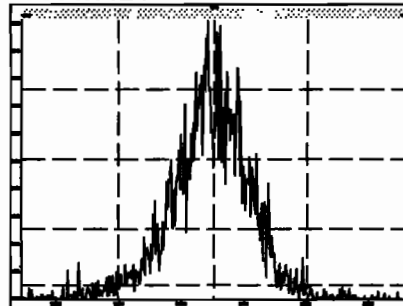
M 280.9824 R 11061



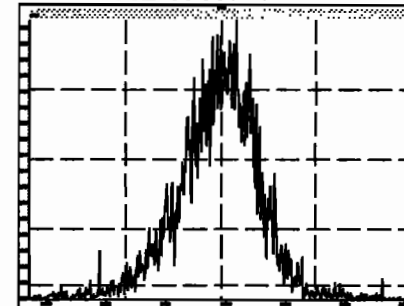
M 292.9824 R 12537



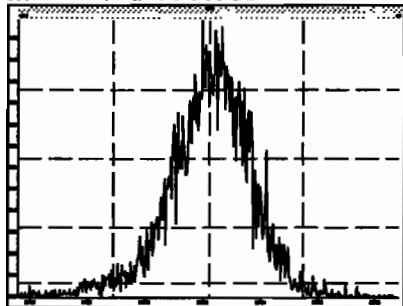
M 304.9824 R 11934



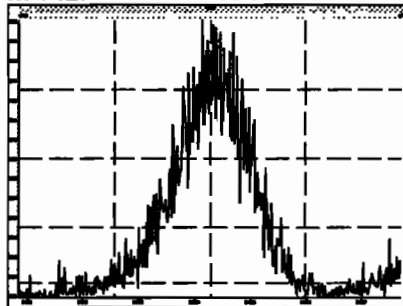
M 318.9792 R 11884



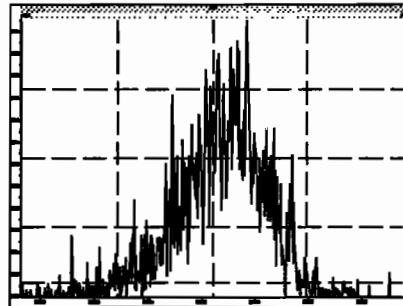
M 330.9792 R 11739



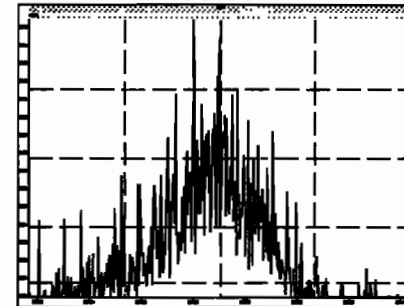
M 342.9792 R 11684



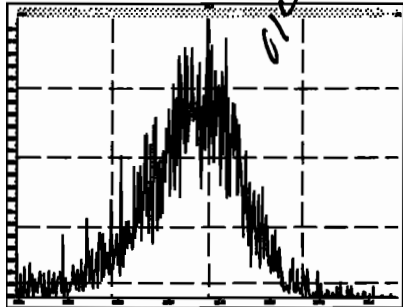
M 354.9792 R 12435



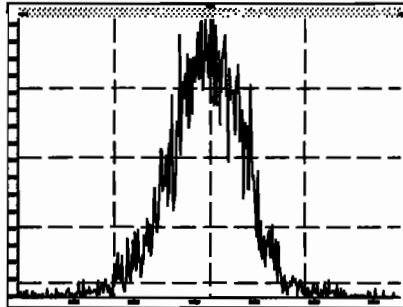
M 366.9792 R 14946



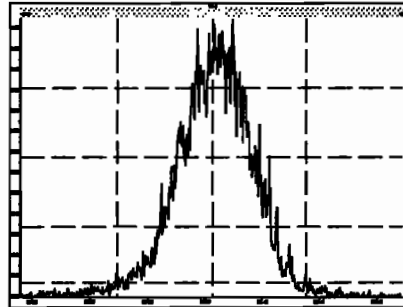
M 380.9760 R 9943



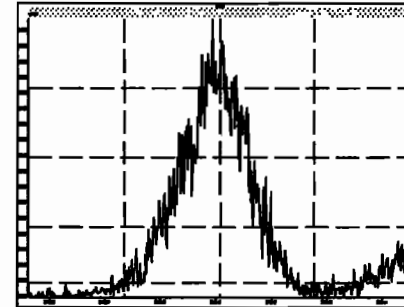
M 318.9792 R 12965



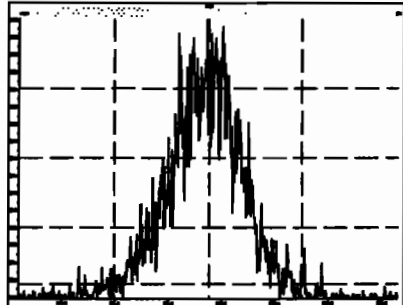
M 330.9792 R 11994



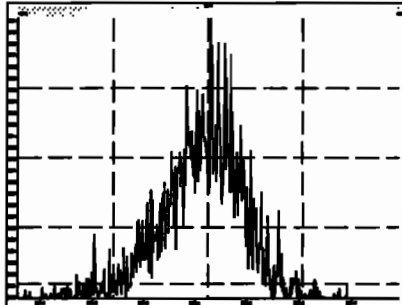
M 342.9792 R 12362



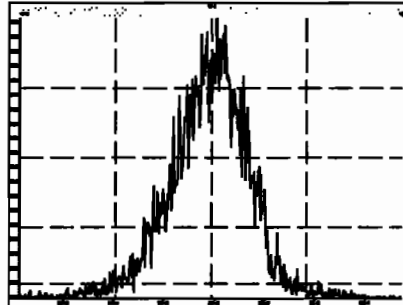
M 354.9792 R 12987



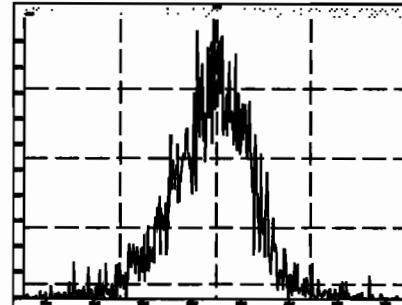
M 366.9792 R 13158



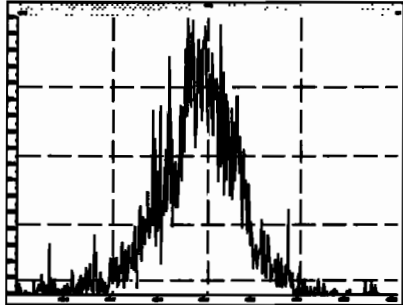
M 380.9760 R 12073



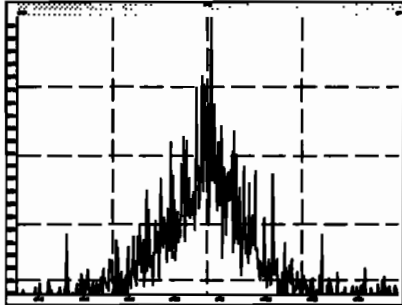
M 392.9760 R 12563



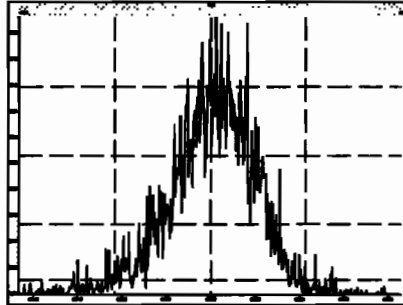
M 404.9760 R 12606



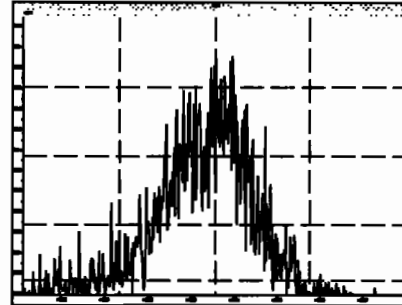
M 416.9760 R 14256



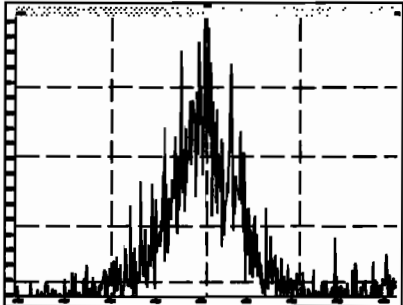
M 430.9728 R 12412



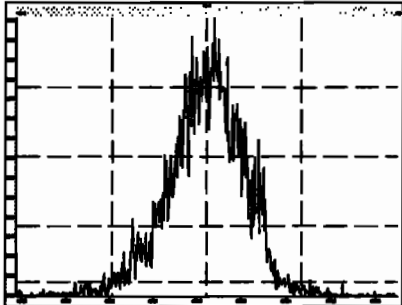
M 442.9728 R 13628



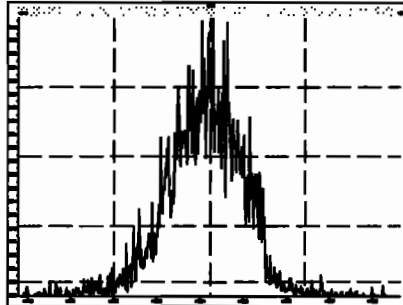
M 416.9760 R 17080



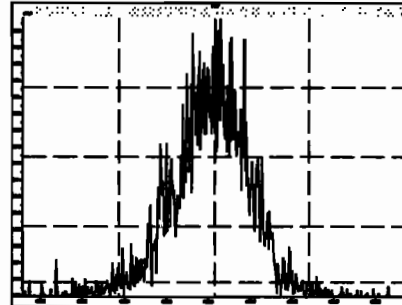
M 430.9728 R 12224



M 442.9728 R 13021

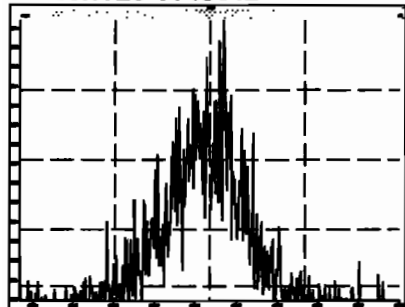


M 454.9728 R 14353

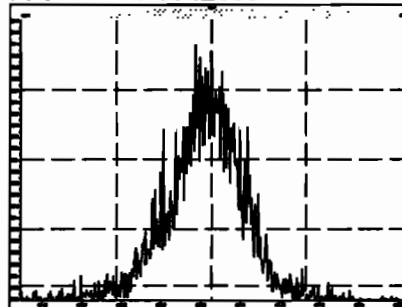




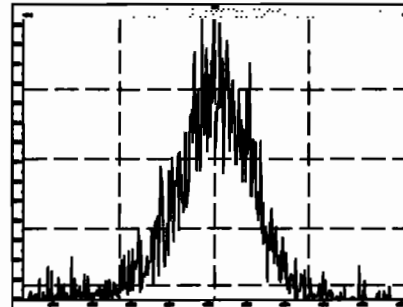
M 466.9728 R 15642



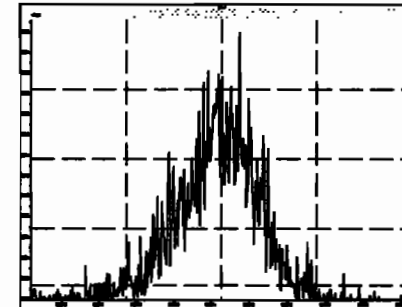
M 480.9696 R 12883



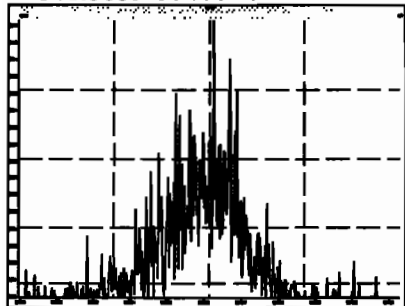
M 492.9696 R 13097



M 504.9696 R 12787



M 516.9697 R 19564



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

*h f. l. 2020*  
*ET 06/02/2020*

Method: Untitled 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	RI	RRF	wt/wt	Prod.RT	RT	Prod.RI	RII	Check RFI	Conc	Wt%	DI	EMPC
1	1 PCB-1	2.54e6	3.08	NO	1.17	1.000	15.53	15.54	1.001	1.001	NO	98.29	90-130	0.00958	98.29
2	2 PCB-2			NO	1.18	1.000	17.95		0.988		YES			0.00963	
3	3 PCB-3	2.60e6	3.06	NO	1.15	1.000	18.18	18.19	1.001	1.001	NO	99.67	70-130	0.00992	99.67
4	4 PCB-4/10	3.74e6	1.54	NO	1.25	1.000	19.61	19.60	1.004	1.004	NO	203.1	42.5-225	0.0422	203.1
5	5 PCB-7/9	2.33e6	1.55	NO	0.960	1.000	21.41	21.37	1.003	1.001	NO	101.6	70-130	0.0331	101.6
6	6 PCB-6			NO	1.02	1.000	22.06		1.033		YES			0.0311	
7	7 PCB-5/8	2.40e6	1.55	NO	0.992	1.000	22.46	22.46	1.052	1.052	NO	100.9	70-130	0.0320	100.9
8	8 PCB-14			NO	1.02	1.000	23.61		0.952		YES			0.0337	
9	9 PCB-11	2.29e6	1.57	NO	1.13	1.000	24.82	24.82	1.001	1.001	NO	87.28	70-130	0.0304	87.28
10	10 PCB-12/13	2.21e6	1.56	NO	1.03	1.000	25.26	25.26	1.018	1.018	NO	92.77		0.0333	92.77
11	11 PCB-15	2.35e6	1.56	NO	1.03	1.000	25.57	25.55	1.031	1.030	NO	97.71		0.0331	97.71
12	12 PCB-19	6.50e5	1.03	NO	1.11	1.000	23.79	23.79	1.001	1.001	NO	47.23	75-65	0.0234	47.23
13	13 PCB-30			NO	1.79	1.000	24.69		1.039		YES			0.0144	
14	14 PCB-18	6.76e5	1.02	NO	0.618	1.000	25.47	25.47	0.952	0.952	NO	45.50		0.0216	45.50
15	15 PCB-17			NO	0.758	1.000	25.64		0.958		YES			0.0233	
16	16 PCB-24/27			NO	1.08	1.000	26.26		0.981		YES			0.0163	
17	17 PCB-16/32			NO	0.925	1.000	26.79		1.001		YES			0.0191	
18	18 PCB-34			NO	0.945	1.000	27.58		0.959		YES			0.0221	
19	19 PCB-23			NO	0.883	1.000	27.67		0.982		YES			0.0236	
20	20 PCB-29			NO	0.893	1.000	27.93		0.971		YES			0.0234	
21	21 PCB-26			NO	0.944	1.000	28.16		0.979		YES			0.0221	
22	22 PCB-25			NO	0.950	1.000	28.31		0.984		YES			0.0220	
23	23 PCB-31	9.20e5	1.02	NO	1.04	1.000	28.68	28.70	0.997	0.997	NO	42.66		0.0201	42.66
24	24 PCB-28	9.58e5	1.07	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	44.94		0.0204	44.94
25	25 PCB-20/21/33	6.95e5	1.05	NO	0.941	1.000	29.43	29.46	1.023	1.024	NO	45.73	45.7	0.0222	45.73
26	26 PCB-22			NO	0.973	1.000	29.67		1.036		YES			0.0215	
27	27 PCB-36			NO	1.08	1.000	30.52		0.931		YES			0.0219	
28	28 PCB-39			NO	0.988	1.000	31.00		0.946		YES			0.0238	
29	29 PCB-38	6.46e5	1.05	NO	1.05	1.000	31.80	31.76	0.970	0.970	NO	43.25	75-65	0.0224	43.25
30	30 PCB-35	6.58e5	1.03	NO	1.04	1.000	32.34	32.32	0.987	0.986	NO	44.23		0.0226	44.23
31	31 PCB-37	6.92e5	1.05	NO	1.01	1.000	32.79	32.79	1.001	1.001	NO	47.59		0.0233	47.59
32	32 PCB-54	6.31e5	0.78	NO	1.08	1.000	27.64	27.64	1.001	1.001	NO	47.67		0.0216	47.67

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	FA	n/y	RPD	w/nd	Prod RT	RT	Prod CR	RRT	Check RRT	Comp	U/B	DI	EMPC
33	33 PCB-50			NO	0.880	1.000	28.83		1.044		YES		35-65	0.0265	
34	34 PCB-53			NO	0.997	1.000	29.50		0.944		YES			0.0295	
35	35 PCB-51			NO	1.07	1.000	29.85		0.955		YES			0.0276	
36	36 PCB-45			NO	0.858	1.000	30.30		0.989		YES			0.0342	
37	37 PCB-46			NO	0.831	1.000	30.80		0.985		YES			0.0354	
38	38 PCB-52/69	6.95e5	0.76	NO	1.17	1.000	31.30	31.28	1.001	1.001	NO	46.22		0.0252	46.22
39	39 PCB-73			NO	1.44	1.000	31.41		1.005		YES			0.0204	
40	40 PCB-43/49	6.32e5	0.79	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	48.32		0.0289	48.32
41	41 PCB-47			NO	0.922	1.000	31.80		1.001		YES			0.0299	
42	42 PCB-48/75			NO	1.12	1.000	31.92		1.004		YES			0.0246	
43	43 PCB-65			NO	1.28	1.000	32.19		1.013		YES			0.0215	
44	44 PCB-62			NO	1.13	1.000	32.29		1.016		YES			0.0244	
45	45 PCB-44	5.42e5	0.76	NO	0.824	1.000	32.62	32.62	1.026	1.028	NO	47.17		0.0334	47.17
46	46 PCB-42/59			NO	1.05	1.000	32.85		1.033		YES			0.0262	
47	47 PCB-41/64/71/72			NO	1.19	1.000	33.47		1.053		YES			0.0232	
48	48 PCB-68			NO	1.28	1.000	33.72		1.061		YES			0.0215	
49	49 PCB-40			NO	0.602	1.000	33.95		1.068		YES			0.0457	
50	50 PCB-57	8.11e5	0.77	NO	1.16	1.000	34.32	34.32	0.989	0.969	NO	43.84		0.0211	43.84
51	51 PCB-67			NO	1.08	1.000	34.63		0.978		YES			0.0226	
52	52 PCB-58			NO	1.20	1.000	34.74		0.981		YES			0.0204	
53	53 PCB-63			NO	1.07	1.000	34.91		0.986		YES			0.0229	
54	54 PCB-74	8.49e5	0.79	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	45.03		0.0207	45.03
55	55 PCB-61/70	8.69e5	0.77	NO	1.05	1.000	35.43	35.43	1.000	1.001	NO	51.83		0.0233	51.83
56	56 PCB-76/66	8.24e5	0.78	NO	1.16	1.000	35.62	35.66	1.006	1.007	NO	44.47		0.0211	44.47
57	57 PCB-80			NO	1.19	1.000	35.86		1.001		YES			0.0204	
58	58 PCB-55			NO	1.17	1.000	36.20		1.010		YES			0.0207	
59	59 PCB-56/60			NO	1.02	1.000	36.70		1.024		YES			0.0238	
60	60 PCB-79	8.18e5	0.79	NO	1.14	1.000	37.80	37.81	1.055	1.055	NO	44.49		0.0213	44.49
61	61 PCB-78	7.39e5	0.78	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	42.34		0.0232	42.34
62	62 PCB-81	8.37e5	0.77	NO	1.05	1.000	39.06	39.08	1.000	1.000	NO	52.15		0.0252	52.15
63	63 PCB-77	7.93e5	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	48.37		0.0237	46.37
64	64 PCB-104	6.77e5	1.57	NO	1.12	1.000	32.47	32.47	1.001	1.001	NO	54.51		0.0255	54.51
65	65 PCB-96			NO	1.15	1.000	33.78		1.041		YES			0.0248	
66	66 PCB-103			NO	0.936	1.000	34.32		1.058		YES			0.0305	
67	67 PCB-100			NO	0.954	1.000	34.69		1.089		YES			0.0300	
68	68 PCB-94			NO	0.949	1.000	35.21		0.985		YES			0.0390	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	NY	RFP	Wt/Fac	Prod.RT	RT	Prod.LI	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	4.83e5	1.58	NO	1.20	1.000	35.69	35.75	0.999	1.001	NO	46.51	46.5 35-65	0.0307	46.51
70	70 PCB-93			NO	0.935	1.000	35.81		1.002		YES			0.0396	
71	71 PCB-88/91			NO	1.06	1.000	36.16		1.012		YES			0.0347	
72	72 PCB-121			NO	1.71	1.000	36.25		1.015		YES			0.0216	
73	73 PCB-84/92			NO	1.02	1.000	37.10		0.990		YES			0.0377	
74	74 PCB-89			NO	1.11	1.000	37.27		0.995		YES			0.0347	
75	75 PCB-90/101	5.13e5	1.81	NO	1.12	1.000	37.48	37.50	1.000	1.001	NO	54.10		0.0342	54.10
76	76 PCB-113			NO	1.51	1.000	37.72		1.007		YES			0.0253	
77	77 PCB-99	5.21e5	1.60	NO	1.32	1.000	37.81	37.83	1.009	1.010	NO	46.70		0.0290	46.70
78	78 PCB-119			NO	1.81	1.000	38.32		0.987		YES			0.0246	
79	79 PCB-108/112			NO	1.44	1.000	38.47		0.991		YES			0.0308	
80	80 PCB-83			NO	1.83	1.000	38.63		0.995		YES			0.0243	
81	81 PCB-97			NO	1.28	1.000	38.84		1.000		YES			0.0347	
82	82 PCB-86			NO	1.12	1.000	39.01		1.005		YES			0.0398	
83	83 PCB-87/117/125	4.49e5	1.58	NO	1.56	1.000	39.14	39.14	1.008	1.008	NO	38.66	38.7	0.0285	38.66
84	84 PCB-111/115	6.30e5	1.58	NO	1.91	1.000	39.29	39.28	1.012	1.012	NO	44.26		0.0233	44.26
85	85 PCB-85/116			NO	1.41	1.000	39.42		1.015		YES			0.0315	
86	86 PCB-120			NO	2.01	1.000	39.68		1.022		YES			0.0222	
87	87 PCB-110	6.19e5	1.57	NO	1.74	1.000	39.83	39.81	1.026	1.025	NO	47.71		0.0255	47.71
88	88 PCB-82			NO	0.781	1.000	40.48		0.976		YES			0.0410	
89	89 PCB-124			NO	1.40	1.000	41.17		0.993		YES			0.0229	
90	90 PCB-107/109			NO	1.34	1.000	41.31		0.996		YES			0.0239	
91	91 PCB-123	6.07e5	1.57	NO	1.20	1.000	41.48	41.48	1.000	1.000	NO	50.39		0.0267	50.39
92	92 PCB-106/118	6.56e5	1.60	NO	1.22	1.000	41.69	41.67	1.001	1.000	NO	51.95		0.0255	51.95
93	93 PCB-114	6.19e5	1.52	NO	1.14	1.000	42.34	42.34	1.000	1.000	NO	43.57		0.0294	43.57
94	94 PCB-122			NO	0.944	1.000	42.49		1.004		YES			0.0355	
95	95 PCB-105	6.38e5	1.56	NO	1.05	1.000	43.23	43.23	1.000	1.000	NO	47.30		0.0310	47.30
96	96 PCB-127			NO	1.06	1.000	43.57		1.000		YES			0.0310	
97	97 PCB-126	7.05e5	1.58	NO	1.17	1.000	45.54	45.54	1.000	1.000	NO	48.02		0.0296	48.02
98	98 PCB-155	4.07e5	1.28	NO	1.04	1.000	37.01	37.01	1.000	1.001	NO	56.82		0.0303	56.82
99	99 PCB-150			NO	1.08	1.000	38.33		1.036		YES			0.0292	
100	1... PCB-152			NO	1.19	1.000	38.82		1.049		YES			0.0266	
101	1... PCB-145			NO	1.19	1.000	39.29		1.062		YES			0.0266	
102	1... PCB-136			NO	1.02	1.000	39.82		1.071		YES			0.0309	
103	1... PCB-148			NO	0.842	1.000	39.73		1.074		YES			0.0375	
104	1... PCB-154			NO	0.919	1.000	40.23		1.067		YES			0.0344	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Comp	RA	Qty	RRP	w/Vol	Prod RT	RT	Prod FL	RRT	Check RRT	Comp	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	1.000	40.90		1.105		YES			0.0402	
106	1... PCB-135			NO	0.922	1.000	41.13		1.112		YES			0.0343	
107	1... PCB-144			NO	0.789	1.000	41.24		1.115		YES			0.0400	
108	1... PCB-147			NO	0.834	1.000	41.37		1.118		YES			0.0379	
109	1... PCB-139/149	2.83e5	1.29	NO	0.948	1.000	41.64	41.61	1.125	1.125	NO	43.47		0.0333	43.47
110	1... PCB-140			NO	0.794	1.000	41.64		1.131		YES			0.0398	
111	1... PCB-134/143			NO	0.759	1.000	42.29		0.975		YES			0.0574	
112	1... PCB-131/133			NO	0.821	1.000	42.59		0.982		YES			0.0531	
113	1... PCB-142			NO	0.754	1.000	42.74		0.985		YES			0.0578	
114	1... PCB-146/165			NO	1.02	1.000	42.98		0.991		YES			0.0429	
115	1... PCB-132/161			NO	1.02	1.000	43.22		0.998		YES			0.0425	
116	1... PCB-153	5.68e5	1.23	NO	1.07	1.000	43.40	43.40	1.000	1.000	NO	46.28		0.0407	46.28
117	1... PCB-168			NO	1.08	1.000	43.63		1.006		YES			0.0404	
118	1... PCB-141			NO	1.03	1.000	44.16		1.000		YES			0.0508	
119	1... PCB-137			NO	1.11	1.000	44.56		1.010		YES			0.0468	
120	1... PCB-130			NO	0.885	1.000	44.66		1.012		YES			0.0587	
121	1... PCB-138/163/164	4.98e5	1.23	NO	1.28	1.000	45.05	45.03	1.001	1.000	NO	38.87	36.9	0.0393	38.87
122	1... PCB-158/160			NO	1.24	1.000	45.30		1.006		YES			0.0407	
123	1... PCB-129			NO	0.867	1.000	45.56		1.012		YES			0.0582	
124	1... PCB-166			NO	1.14	1.000	46.02		0.993		YES			0.0372	
125	1... PCB-159			NO	1.22	1.000	46.36		1.000		YES			0.0350	
126	1... PCB-128/162	6.25e5	1.23	NO	0.907	1.000	46.64	46.66	1.007	1.007	NO	57.08		0.0469	57.08
127	1... PCB-167	6.67e5	1.24	NO	1.11	1.000	47.06	47.06	1.000	1.000	NO	50.25		0.0377	50.25
128	1... PCB-156	5.92e5	1.21	NO	1.13	1.000	48.39	48.38	1.000	1.000	NO	46.00		0.0392	46.00
129	1... PCB-157	6.60e5	1.23	NO	1.04	1.000	46.69	48.67	1.001	1.000	NO	55.54		0.0434	55.54
130	1... PCB-169	5.71e5	1.25	NO	1.16	1.000	50.94	50.94	1.000	1.000	NO	45.51		0.0426	45.51
131	1... PCB-188	6.25e5	1.04	NO	1.29	1.000	43.04	43.02	1.001	1.000	NO	51.05		0.0525	51.05
132	1... PCB-184			NO	1.23	1.000	43.49		1.011		YES			0.0550	
133	1... PCB-179			NO	1.30	1.000	44.29		1.030		YES			0.0522	
134	1... PCB-176			NO	1.31	1.000	44.76		1.041		YES			0.0518	
135	1... PCB-188			NO	1.33	1.000	45.41		1.056		YES			0.0510	
136	1... PCB-178	4.35e5	1.04	NO	0.943	1.000	45.92	45.90	1.088	1.067	NO	48.56		0.0718	48.56
137	1... PCB-175			NO	0.956	1.000	46.26		1.076		YES			0.0708	
138	1... PCB-182/187	4.62e5	1.05	NO	1.07	1.000	46.44	48.43	1.080	1.080	NO	45.61		0.0635	45.61
139	1... PCB-183			NO	1.02	1.000	46.76		1.088		YES			0.0662	
140	1... PCB-185			NO	1.41	1.000	47.44		0.955		YES			0.0779	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	FA	ny	RRF	u/ucl	PreclRT	RT	PreclLR	RRT	Check RRT	Comp	NDeg	DI	EMPC
141	1... PCB-174	4.07e5	1.04	NO	1.35	1.000	47.82	47.82	0.962	0.962	NO	48.49	75-65	0.0809	48.49
142	1... PCB-181			NO	1.47	1.000	47.91		0.964		YES			0.0743	
143	1... PCB-177			NO	1.28	1.000	48.10		0.968		YES			0.0857	
144	1... PCB-171			NO	1.32	1.000	48.38		0.974		YES			0.0832	
145	1... PCB-173			NO	1.19	1.000	48.84		0.963		YES			0.0921	
146	1... PCB-172			NO	1.38	1.000	49.29		0.992		YES			0.0797	
147	1... PCB-192			NO	1.83	1.000	49.48		0.996		YES			0.0800	
148	1... PCB-180	4.72e5	1.03	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.98		0.0776	53.98
149	1... PCB-193			NO	1.68	1.000	49.92		1.005		YES			0.0653	
150	1... PCB-191			NO	1.71	1.000	50.18		1.010		YES			0.0641	
151	1... PCB-170	3.70e5	1.03	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	49.87		0.0889	49.87
152	1... PCB-190			NO	1.85	1.000	51.56		1.004		YES			0.0673	
153	1... PCB-189	4.84e5	1.02	NO	1.45	1.000	53.10	53.10	1.000	1.000	NO	48.57		0.0563	48.57
154	1... PCB-202	4.00e5	0.90	NO	1.17	1.000	48.63	48.61	1.001	1.000	NO	48.62		0.0325	48.62
155	1... PCB-201			NO	1.05	1.000	49.10		1.010		YES			0.0361	
156	1... PCB-204			NO	1.14	1.000	49.26		1.014		YES			0.0333	
157	1... PCB-197			NO	1.13	1.000	49.58		1.020		YES			0.0335	
158	1... PCB-200	3.56e5	0.90	NO	1.07	1.000	50.51	50.53	1.039	1.040	NO	47.30		0.0355	47.30
159	1... PCB-198			NO	0.794	1.000	52.08		1.072		YES			0.0478	
160	1... PCB-199			NO	0.809	1.000	52.19		1.074		YES			0.0469	
161	1... PCB-196/203	2.68e5	0.89	NO	0.838	1.000	52.52	52.51	1.081	1.081	NO	45.47		0.0453	45.47
162	1... PCB-195	3.17e5	0.91	NO	1.04	1.000	53.80	53.81	0.964	0.984	NO	50.09		0.113	50.09
163	1... PCB-194	3.10e5	0.87	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	45.83		0.106	45.83
164	1... PCB-205	3.70e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	47.35		0.0916	47.35
165	1... PCB-208	3.79e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	49.81		0.0505	49.81
166	1... PCB-207			NO	0.916	1.000	54.27		1.006		YES			0.0515	
167	1... PCB-206	2.04e5	1.31	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	47.01		0.0860	47.01
168	1... PCB-209	1.50e5	1.19	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18		0.0103	52.18
169	1... 13C-PCB-1	2.21e6	3.38	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	101.9	102	0.0672	
170	1... 13C-PCB-3	2.27e6	3.33	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	102.6	103	0.0859	
171	1... 13C-PCB-4	1.48e6	1.57	NO	0.600	1.000	19.52	19.53	0.765	0.785	NO	101.3	101	0.0291	
172	1... 13C-PCB-9	2.39e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	101.7	102	0.0180	
173	1... 13C-PCB-11	2.32e6	1.58	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.61	99.6	0.0182	
174	1... 13C-PCB-19	1.24e6	1.04	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	102.7	103	0.414	
175	1... 13C-PCB-32	1.82e6	1.03	NO	0.744	1.000	26.75	26.76	1.048	1.048	NO	100.7	101	0.278	
176	1... 13C-PCB-28	2.08e6	1.02	NO	1.08	1.000	28.77	28.77	1.004	1.004	NO	99.64	99.6	0.289	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	WY	RRP	w/wet	ProdRT	RT	ProdLR	RRT	Check RRT	Conc	%Rec	DI	EMPC
177	1... 13C-PCB-37	1.86e6	1.04	NO	0.989	1.000	32.75	32.77	1.143	1.143	NO	95.79	95.8	0.289	
178	1... 13C-PCB-54	1.81e6	0.80	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	101.4	101	0.0659	
179	1... 13C-PCB-52	1.29e6	0.77	NO	0.804	1.000	31.27	31.26	0.852	0.852	NO	100.5	100	0.0819	
180	1... 13C-PCB-47	1.39e6	0.78	NO	0.857	1.000	31.79	31.78	0.866	0.866	NO	102.0	102	0.0768	
181	1... 13C-PCB-70	1.59e6	0.79	NO	0.996	1.000	35.43	35.41	0.985	0.985	NO	100.3	100	0.0661	
182	1... 13C-PCB-80	1.61e6	0.78	NO	1.03	1.000	35.65	35.84	0.977	0.977	NO	98.54	98.5	0.0640	
183	1... 13C-PCB-81	1.53e6	0.78	NO	0.988	1.000	39.06	39.04	1.064	1.064	NO	97.41	97.4	0.0666	
184	1... 13C-PCB-77	1.50e6	0.79	NO	0.989	1.000	39.68	39.66	1.061	1.061	NO	97.40	97.4	0.0660	
185	1... 13C-PCB-104	1.11e6	1.63	NO	1.02	1.000	32.47	32.46	0.827	0.827	NO	100.9	101	0.0381	
186	1... 13C-PCB-95	8.62e5	1.64	NO	0.805	1.000	35.72	35.73	0.910	0.910	NO	99.28	99.3	0.0481	
187	1... 13C-PCB-101	8.44e5	1.64	NO	0.793	1.000	37.48	37.46	0.954	0.954	NO	98.77	98.8	0.0489	
188	1... 13C-PCB-97	7.45e5	1.65	NO	0.696	1.000	38.82	38.62	0.989	0.989	NO	99.17	99.2	0.0557	
189	1... 13C-PCB-123	1.01e6	1.67	NO	0.933	1.000	41.46	41.46	1.056	1.056	NO	99.89	99.9	0.0416	
190	1... 13C-PCB-118	1.03e6	1.62	NO	0.986	1.000	41.85	41.85	1.061	1.061	NO	97.34	97.3	0.0393	
191	1... 13C-PCB-114	1.25e6	1.55	NO	1.55	1.000	42.32	42.32	0.908	0.908	NO	94.22	94.2	0.0809	
192	1... 13C-PCB-105	1.28e6	1.56	NO	1.57	1.000	43.21	43.21	0.927	0.927	NO	95.20	95.2	0.0796	
193	1... 13C-PCB-127	1.30e6	1.56	NO	1.62	1.000	43.56	43.55	0.934	0.934	NO	93.64	93.6	0.0770	
194	1... 13C-PCB-126	1.25e6	1.58	NO	1.57	1.000	45.53	45.52	0.976	0.976	NO	93.40	93.4	0.0798	
195	1... 13C-PCB-155	6.87e5	1.29	NO	0.615	1.000	37.00	37.00	0.942	0.942	NO	103.6	104	0.0326	
196	1... 13C-PCB-153	1.15e6	1.24	NO	1.36	1.000	43.37	43.38	0.930	0.931	NO	98.32	98.3	0.0878	
197	1... 13C-PCB-141	9.61e5	1.27	NO	1.13	1.000	44.14	44.14	0.947	0.947	NO	99.66	99.7	0.106	
198	1... 13C-PCB-138	9.99e5	1.26	NO	1.18	1.000	45.01	45.01	0.985	0.985	NO	96.63	96.6	0.101	
199	1... 13C-PCB-159	1.21e6	1.26	NO	1.44	1.000	46.33	46.34	0.994	0.994	NO	98.13	98.1	0.0832	
200	2... 13C-PCB-167	1.20e6	1.28	NO	1.44	1.000	47.04	47.04	1.009	1.009	NO	97.25	97.3	0.0832	
201	2... 13C-PCB-156	1.14e6	1.27	NO	1.40	1.000	46.39	46.37	1.038	1.037	NO	95.71	95.7	0.0858	
202	2... 13C-PCB-157	1.14e6	1.27	NO	1.40	1.000	46.65	46.65	1.043	1.043	NO	95.86	95.9	0.0858	
203	2... 13C-PCB-169	1.08e6	1.26	NO	1.33	1.000	50.93	50.92	1.092	1.092	NO	95.29	95.3	0.0900	
204	2... 13C-PCB-188	9.50e5	0.45	NO	1.41	1.000	42.99	43.00	0.926	0.926	NO	100.3	100	0.0865	
205	2... 13C-PCB-180	6.20e5	0.44	NO	0.929	1.000	49.69	49.69	1.070	1.070	NO	99.28	99.3	0.131	
206	2... 13C-PCB-170	5.29e5	0.46	NO	0.794	1.000	51.36	51.38	1.106	1.106	NO	99.16	99.2	0.153	
207	2... 13C-PCB-189	6.86e5	0.46	NO	1.04	1.000	53.06	53.08	1.143	1.143	NO	97.68	97.7	0.117	
208	2... 13C-PCB-202	7.04e5	0.93	NO	1.04	1.000	48.59	48.59	1.046	1.047	NO	101.1	101	0.0796	
209	2... 13C-PCB-194	6.06e5	0.91	NO	0.768	1.000	54.72	54.70	0.995	0.995	NO	99.49	99.5	0.195	
210	2... 13C-PCB-208	6.16e5	0.77	NO	0.991	1.000	53.94	53.94	0.981	0.981	NO	103.8	104	0.137	
211	2... 13C-PCB-206	4.31e5	0.78	NO	0.552	1.000	56.24	56.24	1.023	1.023	NO	98.29	98.3	0.246	
212	2... 13C-PCB-209	2.91e5	1.17	NO	0.396	1.000	57.49	57.48	1.046	1.046	NO	92.65	92.6	0.0202	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	Hy	RFP	wAve	Prod RT	RT	Prod R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.43e6	1.56	NO	1.00	1.000	25.53	25.53	1.000	0.000	NO	100.0	100	0.0175	
214	2... 13C-PCB-31	1.96e6	1.05	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.286	
215	2... 13C-PCB-60	1.59e6	0.78	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0658	
216	2... 13C-PCB-111	1.08e6	1.65	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0388	
217	2... 13C-PCB-128	8.55e5	1.27	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.120	
218	2... 13C-PCB-182	6.72e5	0.47	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	2... 13C-PCB-205	7.94e5	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.149	
220	2... 13C-PCB-79	1.70e6	0.78	NO	1.07	1.000	37.60	37.78	1.030	1.029	NO	100.0	100	0.0616	
221	2... 13C-PCB-178	6.89e5	0.44	NO	0.766	1.000	45.89	45.88	0.988	0.988	NO	105.2	105	0.128	
222	2... 13C-PCB-79	1.70e6	0.78	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	102.7	103	0.0641	
223	2... 13C-PCB-178	6.89e5	0.44	NO	1.05	1.000	45.87	45.88	0.923	0.923	NO	105.8	106	0.131	

7-1201  
↓



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

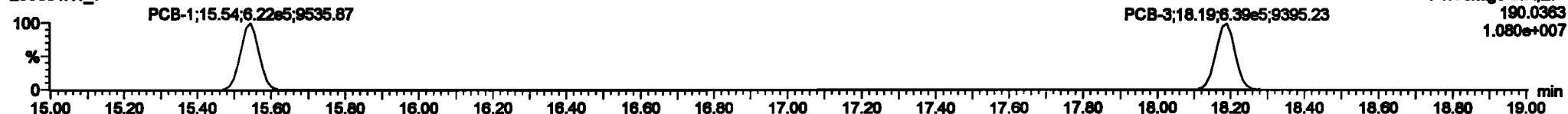
**PCB-1**

200601K1\_7



F1:Voltage SIR,EI+  
188.0393  
3.334e+007

200601K1\_7



F1:Voltage SIR,EI+  
190.0363  
1.080e+007

**13C-PCB-1**

200601K1\_7



F1:Voltage SIR,EI+  
200.0795  
2.837e+007

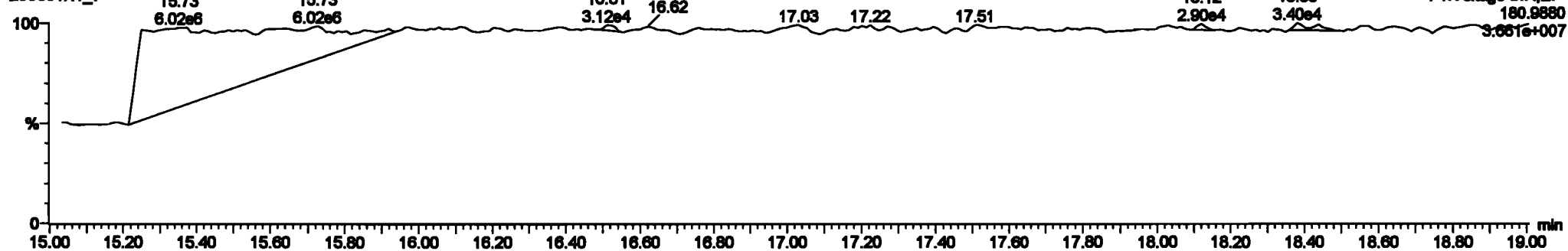
200601K1\_7



F1:Voltage SIR,EI+  
202.0766  
9.076e+006

**PFK1**

200601K1\_7



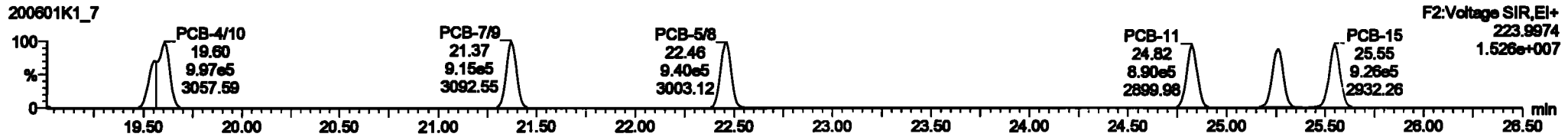
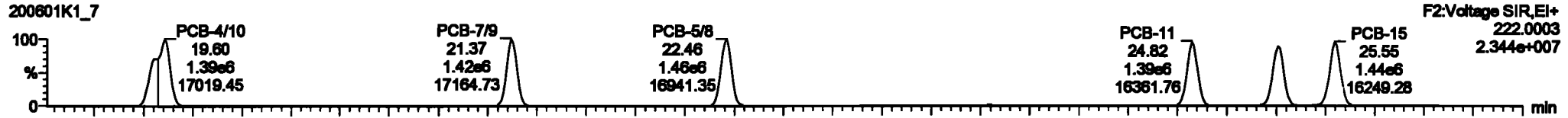
F1:Voltage SIR,EI+  
180.9880  
3.661e+007

Dataset: Untitled

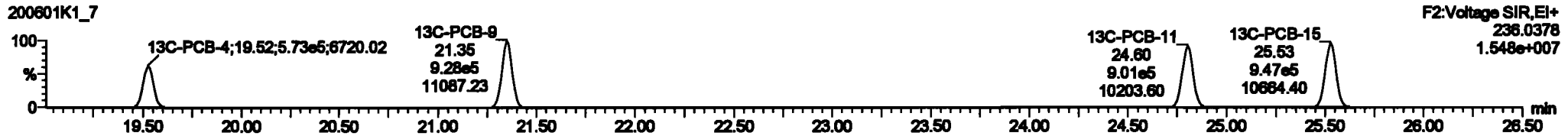
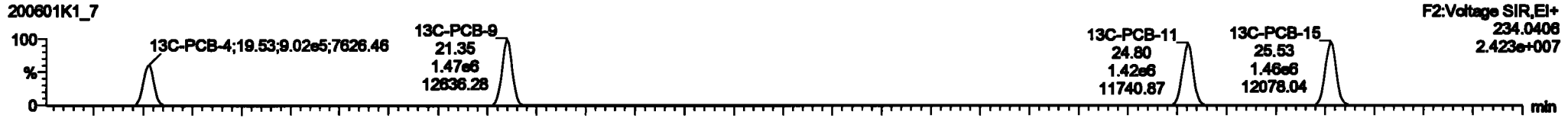
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

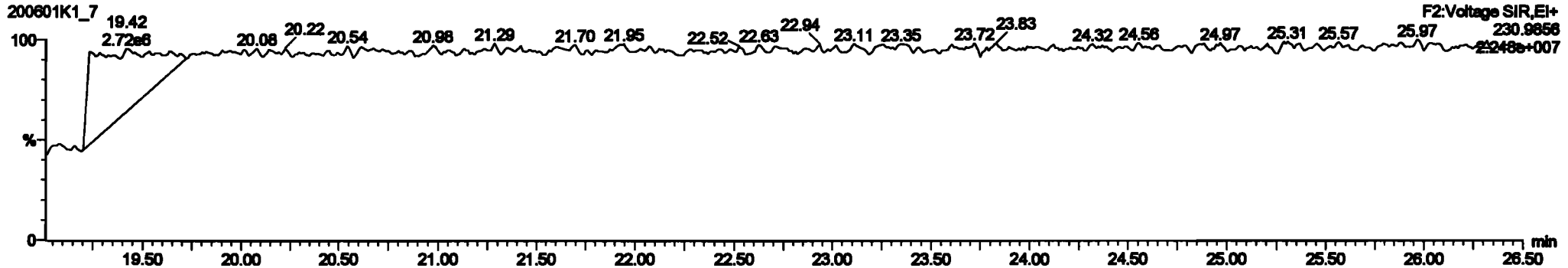
**PCB-4/10**



**13C-PCB-4**

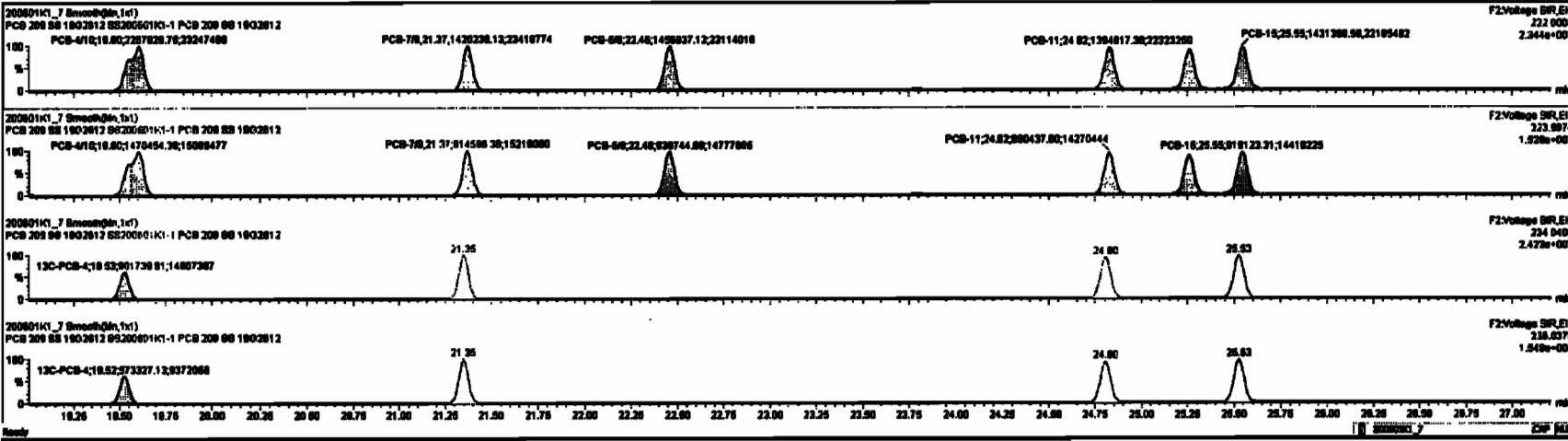


**PFK2a**



#	Name	Area	RA	Hy	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%
217	13C-PCB-129	0.26e6	1.27	NO	1.8000	1.000	46.80	46.82	1.000	0.000	NO	100.0	100	0.120						
218	13C-PCB-182	0.72e6	0.47	NO	1.8000	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122						
219	13C-PCB-265	7.29e6	0.90	NO	1.8000	1.000	84.88	84.98	1.000	0.000	NO	100.0	100	0.148						
220	13C-PCB-76	1.70e6	0.76	NO	1.8000	1.000	37.60	37.76	1.000	1.000	NO	100.0	100	0.0916						
221	13C-PCB-178	0.89e6	0.44	NO	0.7000	1.000	46.80	46.80	0.000	0.000	NO	100.2	100	0.126						
222	13C-PCB-76	1.70e6	0.76	NO	1.8000	1.000	37.76	37.76	0.000	0.000	NO	102.7	100	0.0941						
223	13C-PCB-178	0.89e6	0.44	NO	1.8000	1.000	46.87	46.89	0.000	0.000	NO	100.0	100	0.129						
224	Total Mono-PCBs				1.1000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0001	100.0					
225	Total Para-dio PCBs				1.2000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.010	82.72					
226	Total Para-dio Tri-PCBs				0.8628	1.000	0.00	0.00	0.000	0.000	NO	278.0		0.211	270.0					
227	Total Para-dio Tetra-PCBs				1.0776	1.000	0.00	0.00	0.000	0.000	NO	883.1		0.010	883.1					

#	Name	Area	RA	Hy	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	Wt%	
4	PCB-418	18.01	18.00	2.20e6	1.67e6	1.800	1.84	NO	203.08	203.08											
5	PCB-78	21.41	21.37	1.42e6	0.14e6	1.800	1.88	NO	101.68	101.68											
7	PCB-68	22.49	22.48	1.45e6	0.26e6	1.800	1.88	NO	100.88	100.88											
9	PCB-11	24.82	24.82	1.20e6	0.80e6	1.800	1.87	NO	87.277	87.277											
10	PCB-129	26.28	26.28	1.24e6	0.66e6	1.800	1.88	NO	82.774	82.774											
11	PCB-16	26.57	26.56	1.02e6	0.18e6	1.800	1.88	NO	87.713	87.713											



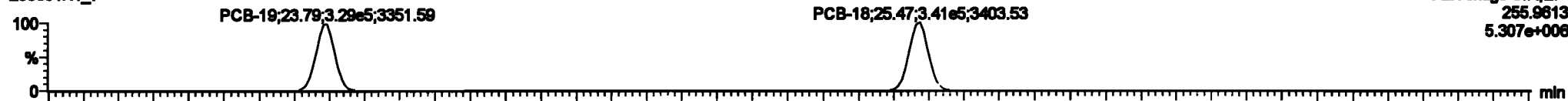
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

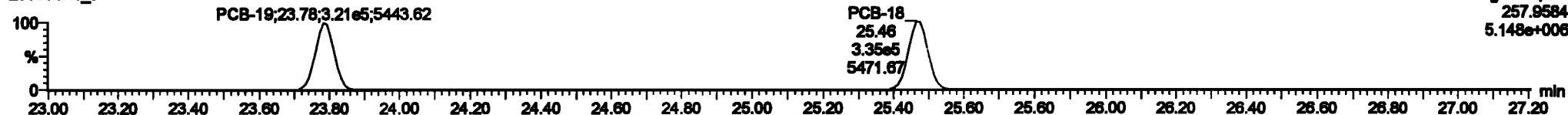
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

PCB-19

200601K1\_7



200601K1\_7



13C-PCB-19

200601K1\_7

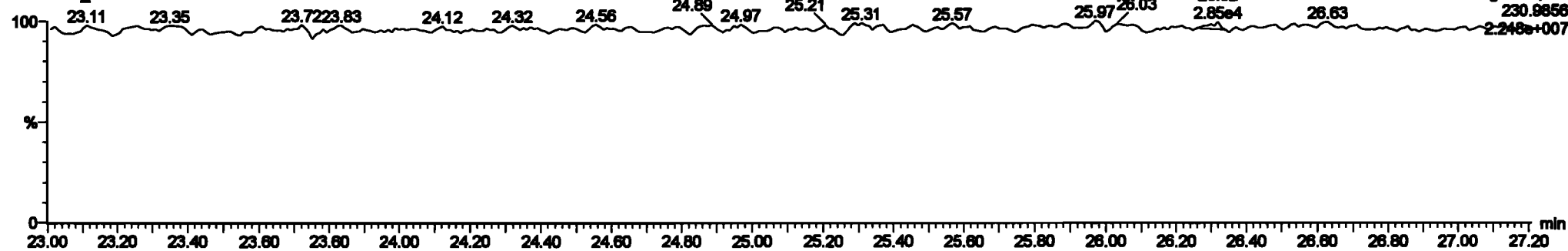


200601K1\_7



PFK2b

200601K1\_7



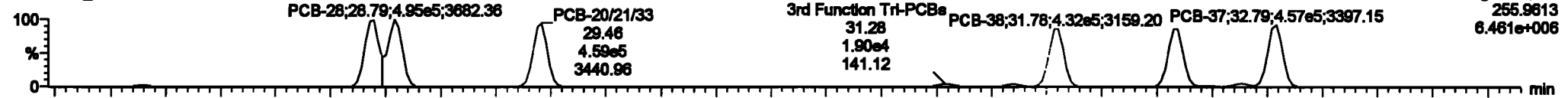
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

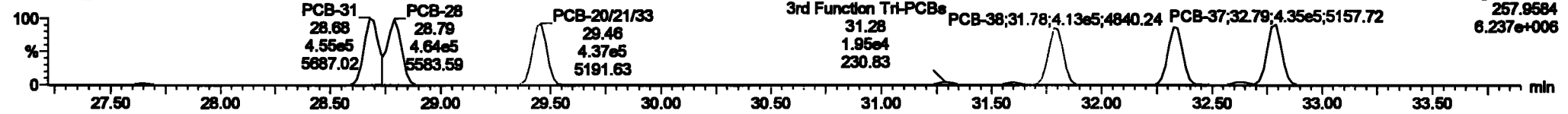
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-34**

200601K1\_7



200601K1\_7

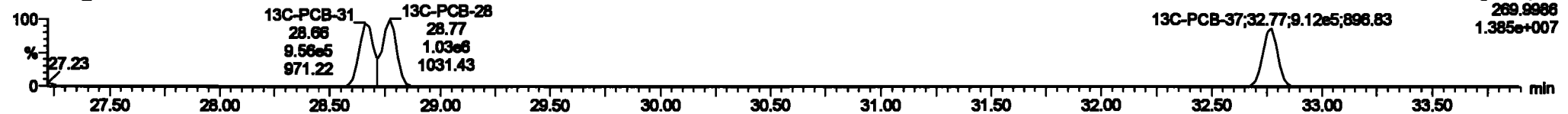


**13C-PCB-28**

200601K1\_7

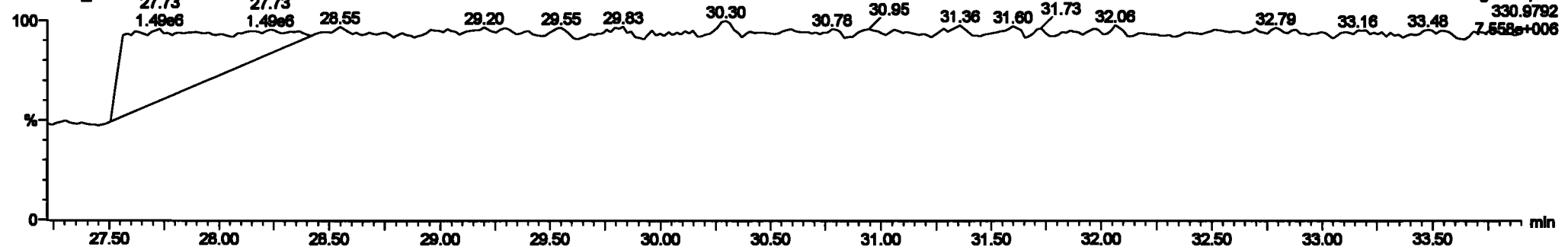


200601K1\_7



**PFK3d**

200601K1\_7

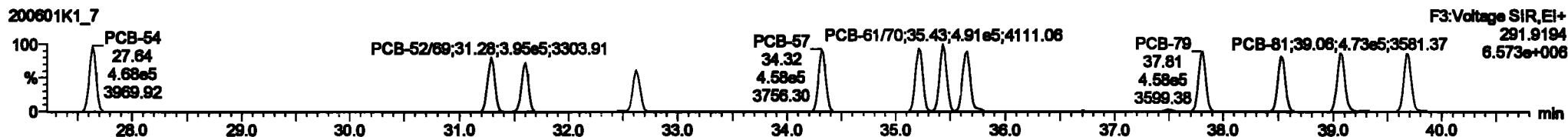
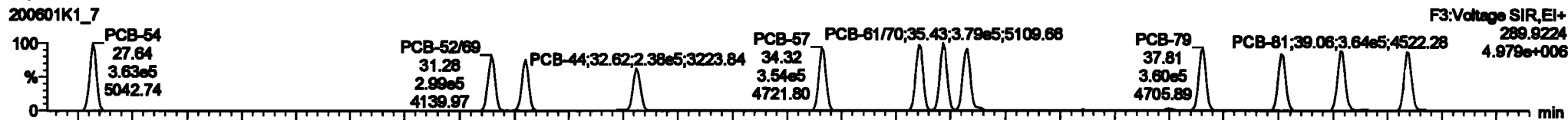


Dataset: Untitled

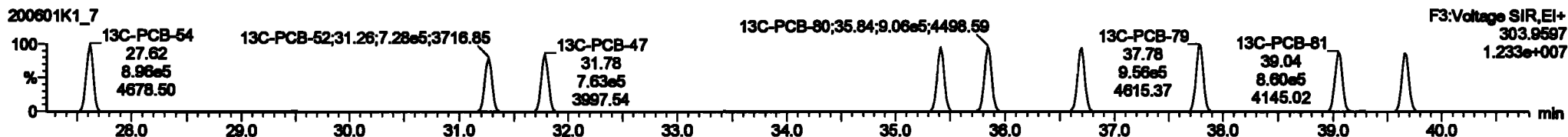
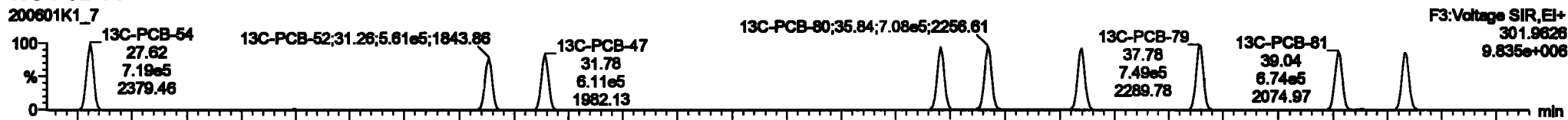
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

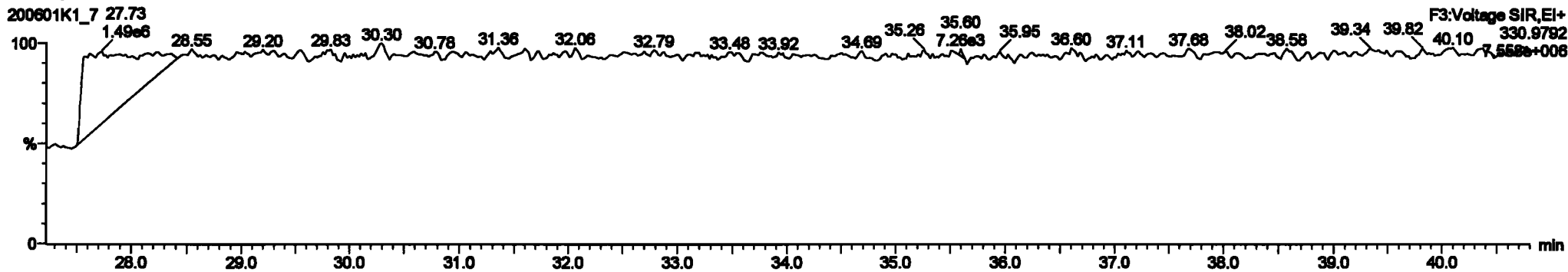
PCB-54



13C-PCB-54



PFK3a



Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

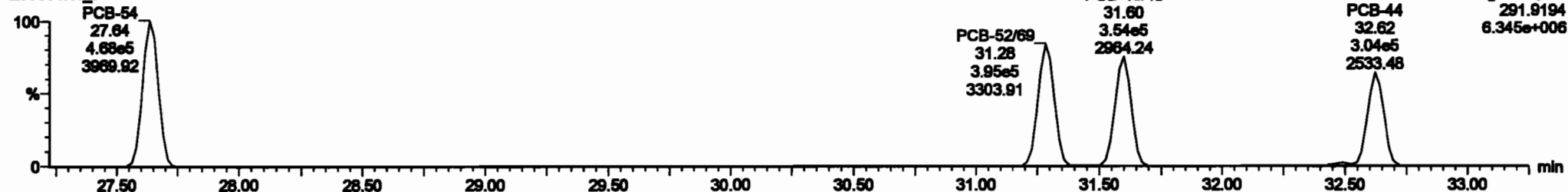
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-50**

200601K1\_7



200601K1\_7

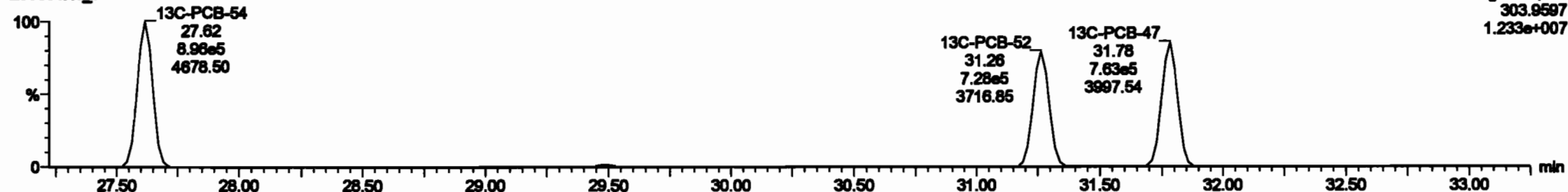


**13C-PCB-52**

200601K1\_7



200601K1\_7



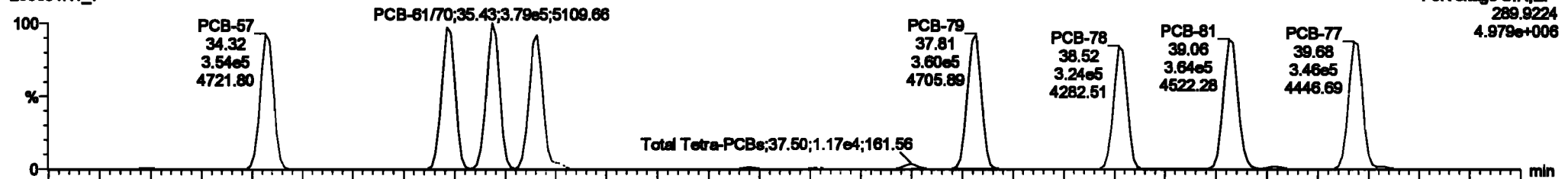
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

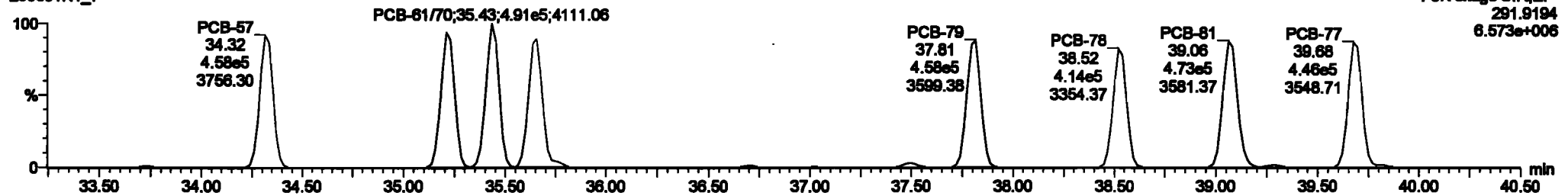
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

PCB-68

200601K1\_7

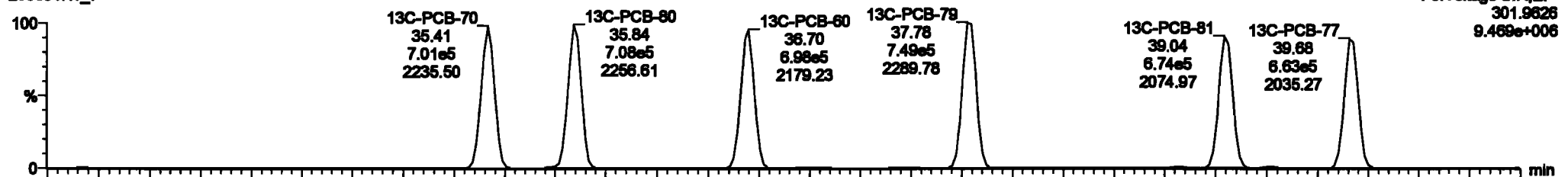


200601K1\_7

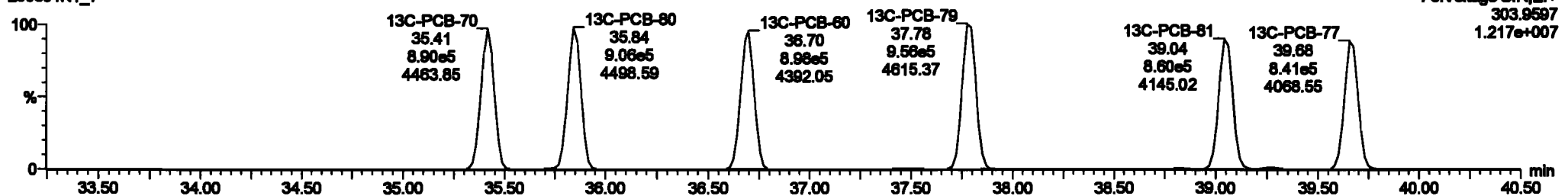


13C-PCB-60

200601K1\_7



200601K1\_7





#	Name	Step	BA	Qty	PreP	Reel	Prod.RT	RT	PreP.R	RT	PreP.Pd	Comp	Yield	DL	QMC
217	13C-PCB-138	0.88in	1.27	NO	1.0000	1.000	45.60	48.63	1.000	0.000	NO	100.0	100	0.120	
218	13C-PCB-182	0.72in	0.47	NO	1.0000	1.000	45.43	48.43	0.000	0.000	NO	100.0	100	0.122	
219	13C-PCB-205	7.84in	0.90	NO	1.0000	1.000	54.95	54.95	1.000	0.000	NO	100.0	100	0.148	
220	13C-PCB-78	1.70in	0.70	NO	1.0000	1.000	37.80	37.70	1.000	1.000	NO	100.0	100	0.0815	
221	13C-PCB-176	0.88in	0.44	NO	0.7000	1.000	45.80	45.80	0.000	0.000	NO	100.0	100	0.128	
222	13C-PCB-78	1.70in	0.70	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.7	100	0.0841	
223	13C-PCB-176	0.88in	0.44	NO	1.0000	1.000	45.87	45.88	0.000	0.000	NO	100.0	100	0.131	
224	Total Micro-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.0281	188.0
225	Total DI-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	000.0		0.280	603.3
226	2nd Function TAP-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	00.70		0.110	62.70
227	2nd Function TAP-PCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	200.4		0.311	200.4
228	Total PCBs				4.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.0800	1400.0

#	Name	Prod.RT	RT	Lot Range	Lot Range	SP Ratio (Prod)	BA	Qty	QMC	Comp.
30	PCB-64	27.04	27.04	3.820in	4.880in	0.770	0.70	NO	47.874	47.874
31	PCB-6800	31.30	31.30	2.805in	3.891in	0.770	0.70	NO	48.220	48.220
40	PCB-4398	31.80	31.80	2.760in	3.520in	0.770	0.70	NO	48.317	48.317
46	PCB-44	32.80	32.80	2.570in	3.043in	0.770	0.70	NO	47.188	47.188
50	PCB-67	34.30	34.30	3.880in	4.577in	0.770	0.77	NO	43.838	43.838
64	PCB-74	35.20	35.21	3.730in	4.702in	0.770	0.70	NO	45.028	45.028
69	PCB-8180	35.43	35.43	3.780in	4.880in	0.770	0.77	NO	51.834	51.834
80	PCB-7088	35.62	35.60	3.891in	4.830in	0.770	0.70	NO	44.671	44.671



Dataset: Untitled

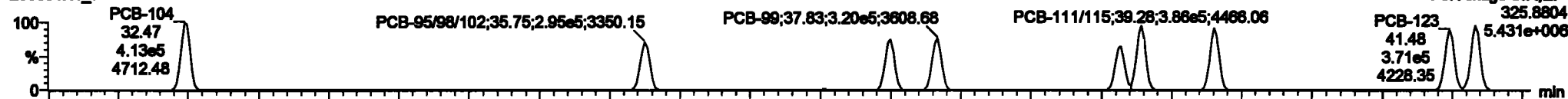
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

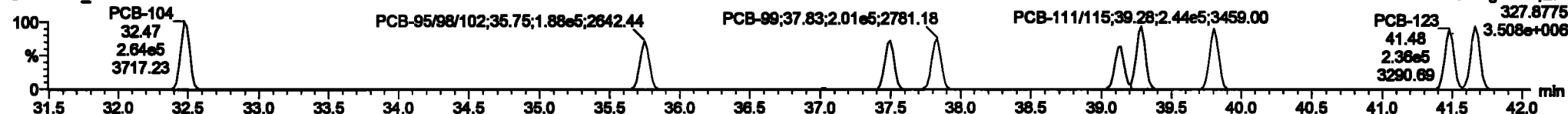
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-104**

200601K1\_7

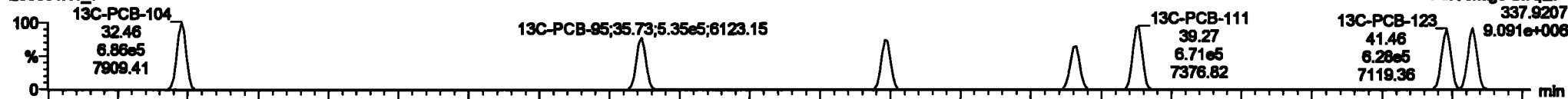


200601K1\_7

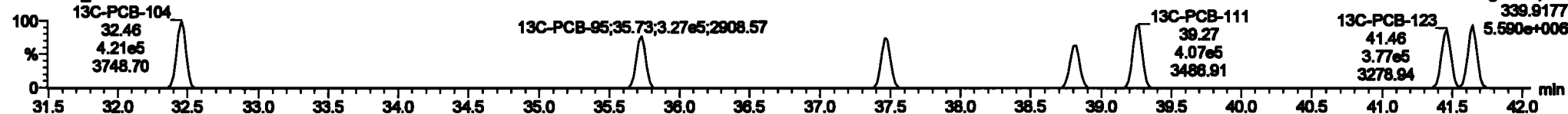


**13C-PCB-104**

200601K1\_7

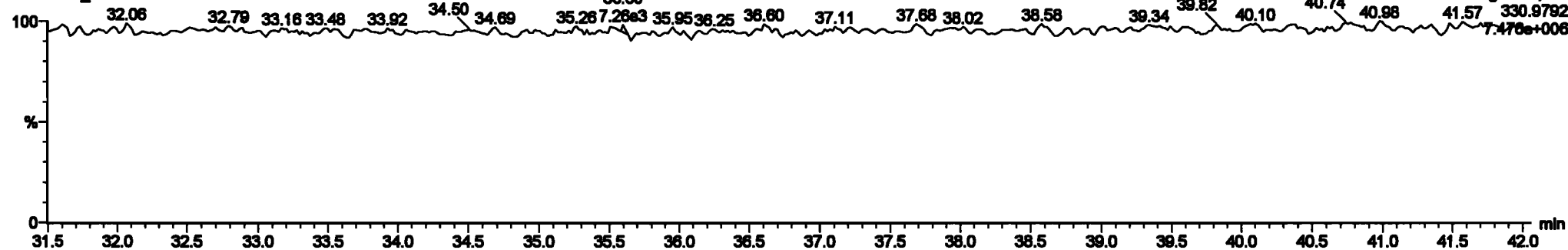


200601K1\_7



**PFK3b**

200601K1\_7



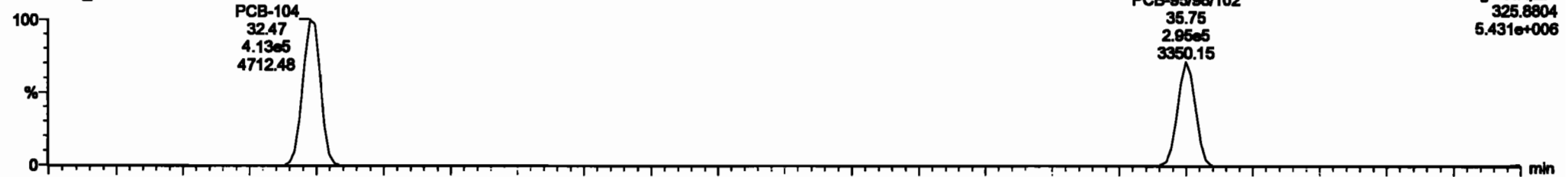
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

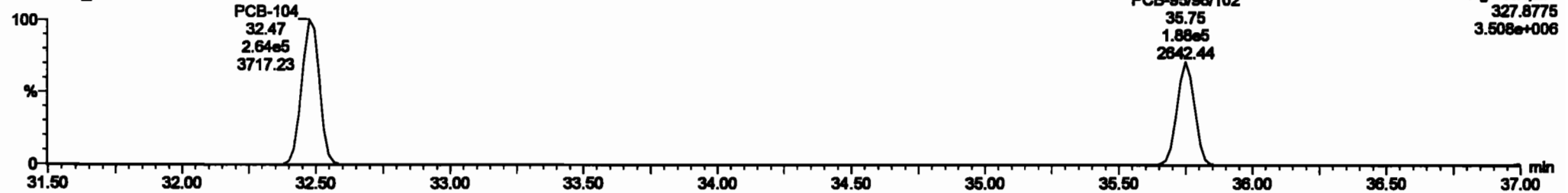
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-96**

200601K1\_7

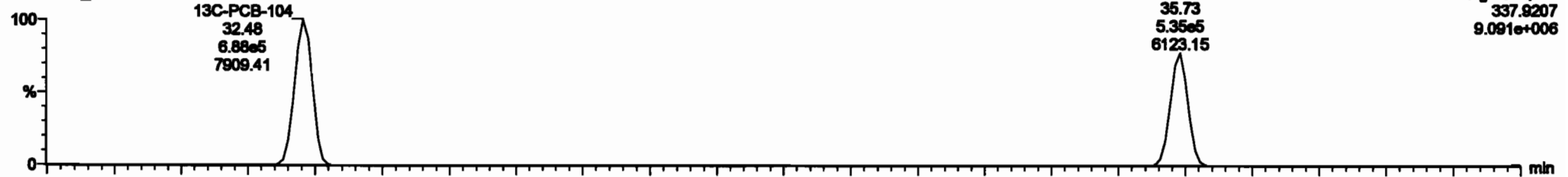


200601K1\_7

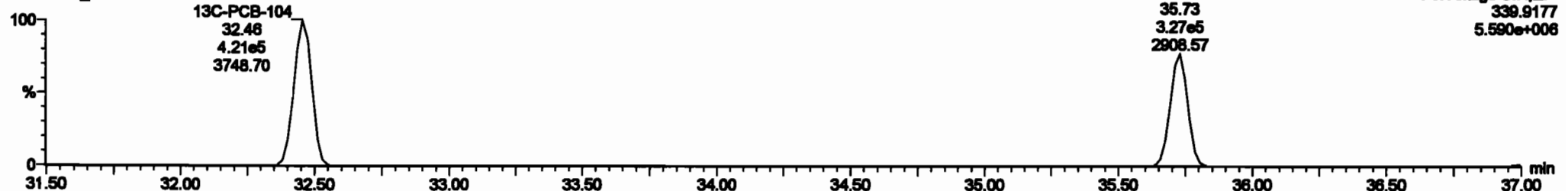


**13C-PCB-95**

200601K1\_7



200601K1\_7



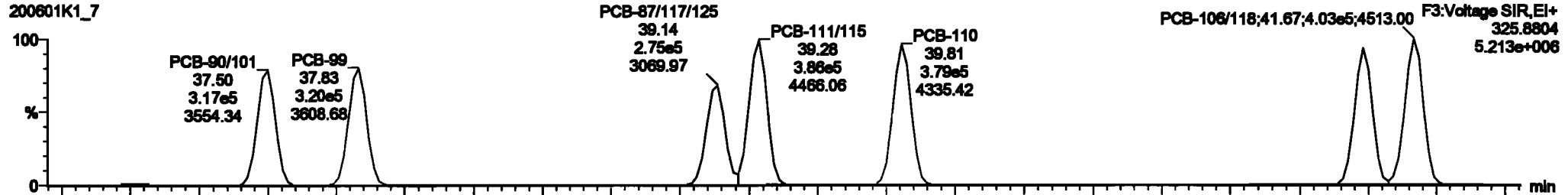
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

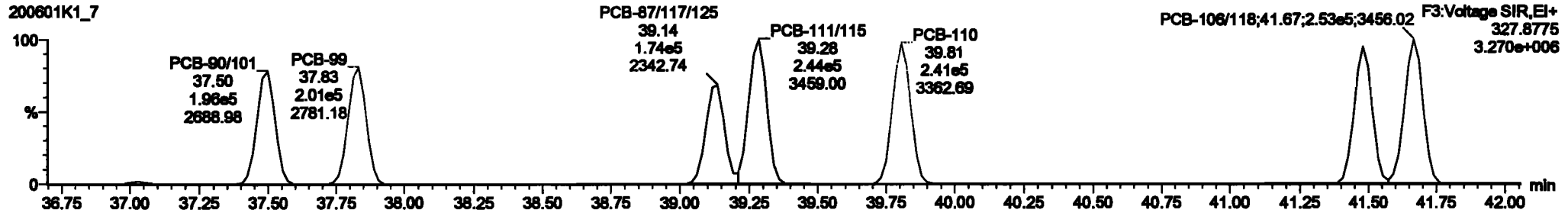
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

PCB-119

200601K1\_7

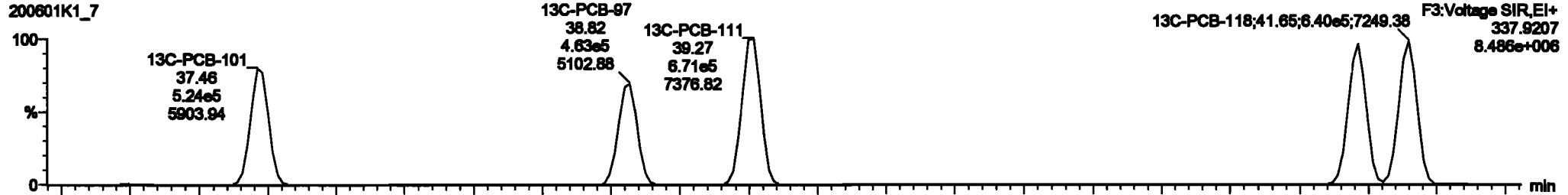


200601K1\_7

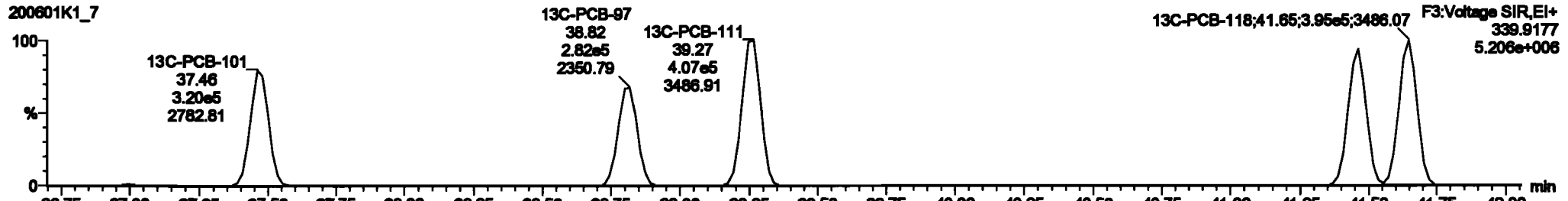


13C-PCB-111

200601K1\_7



200601K1\_7



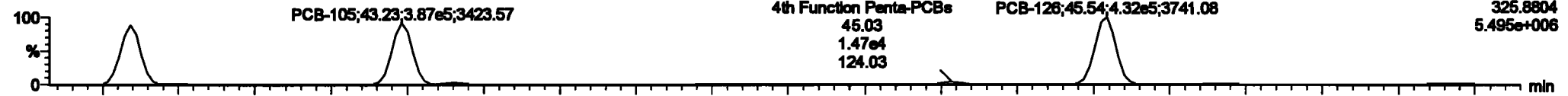
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

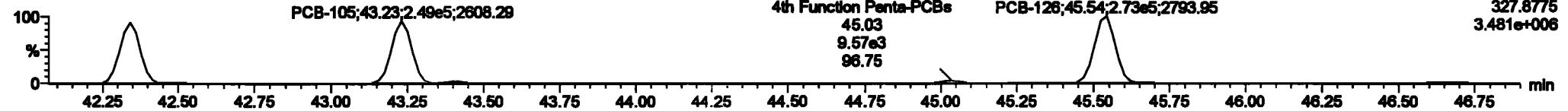
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-114**

200601K1\_7

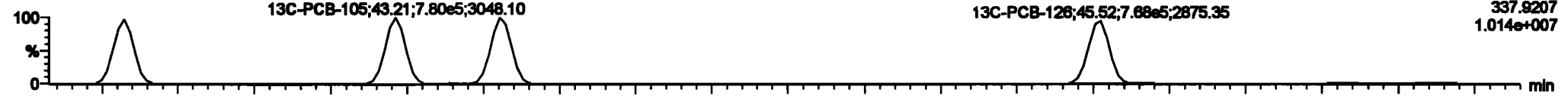


200601K1\_7

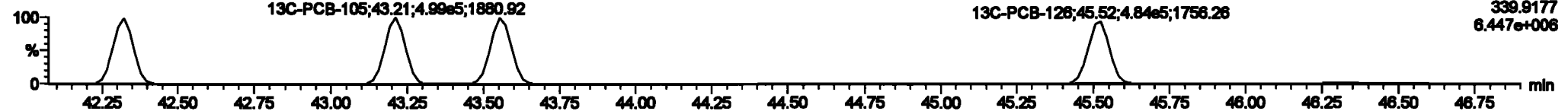


**13C-PCB-114**

200601K1\_7

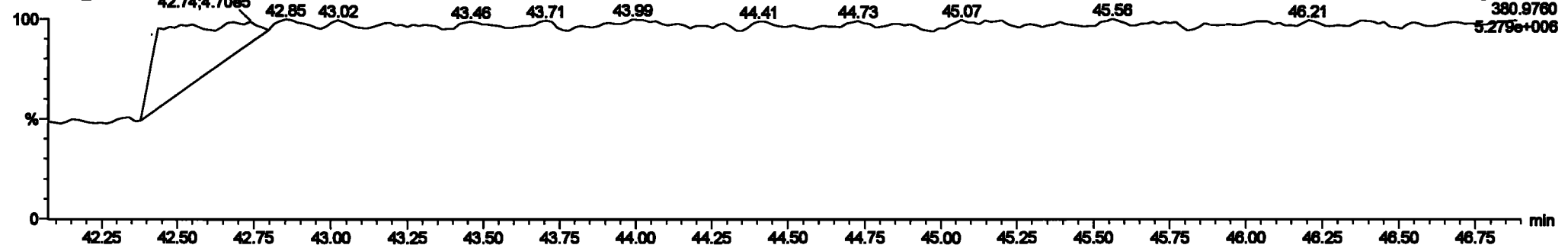


200601K1\_7



**PFK4a**

200601K1\_7



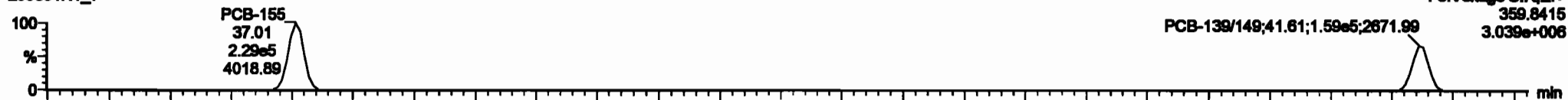
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

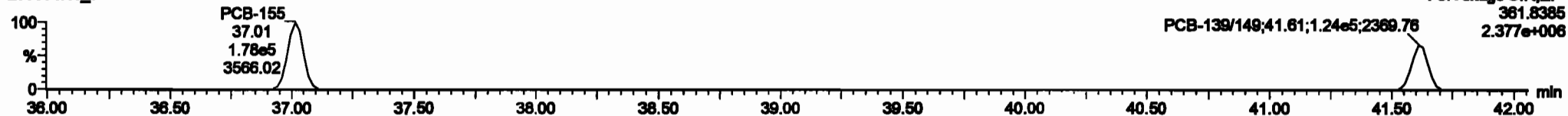
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-155**

200601K1\_7

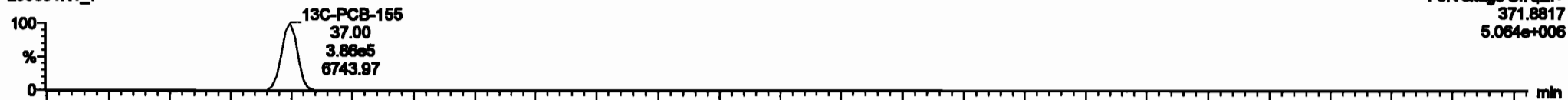


200601K1\_7

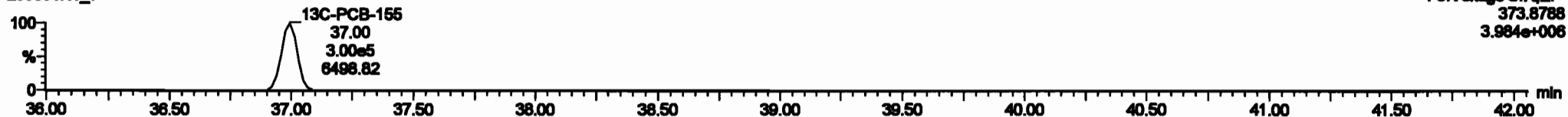


**13C-PCB-155**

200601K1\_7

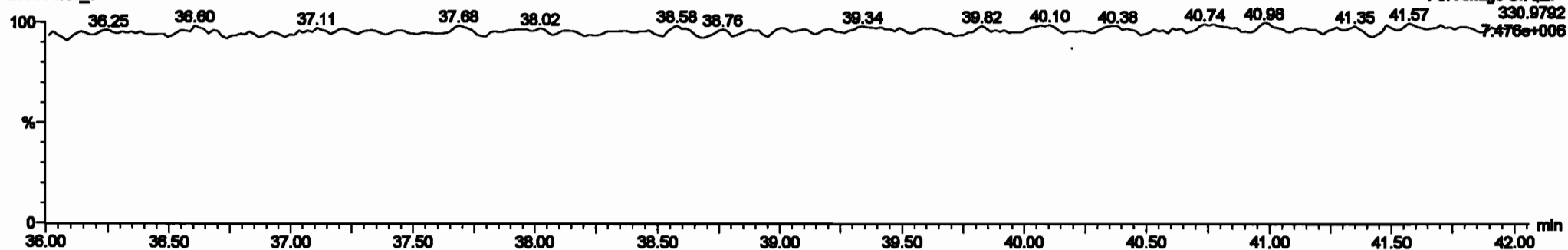


200601K1\_7



**PFK3c**

200601K1\_7

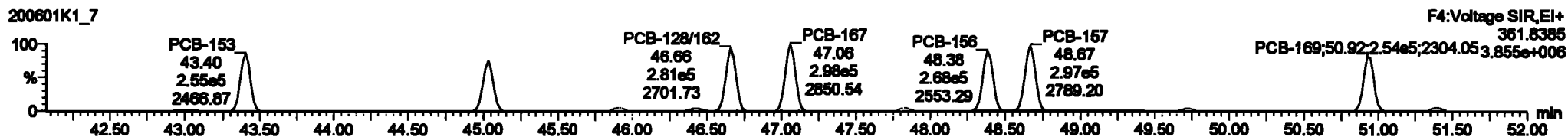
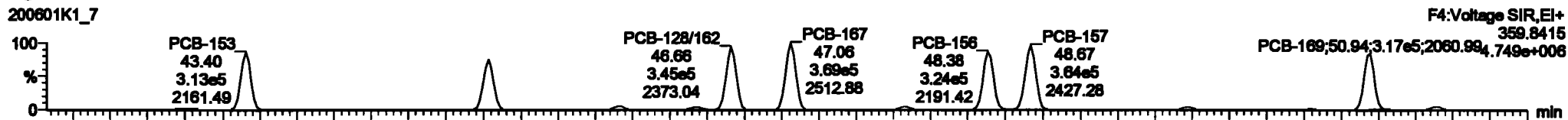


Dataset: Untitled

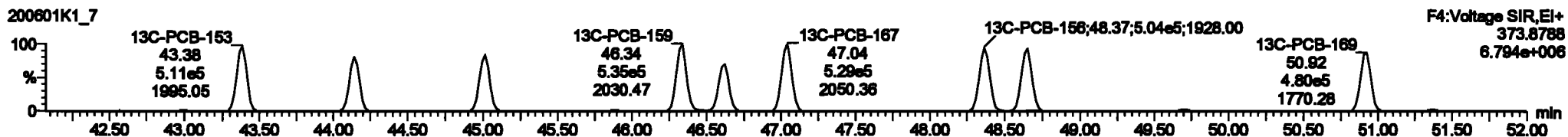
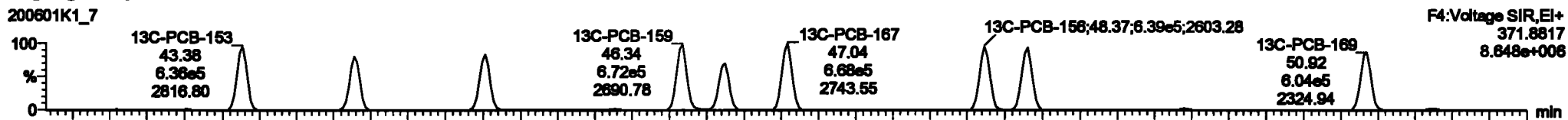
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

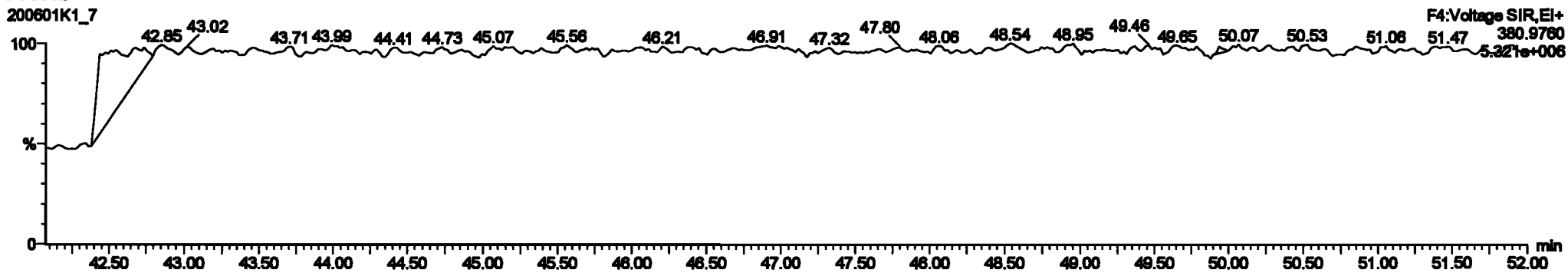
PCB-134/143



13C-PCB-153



PFK4b

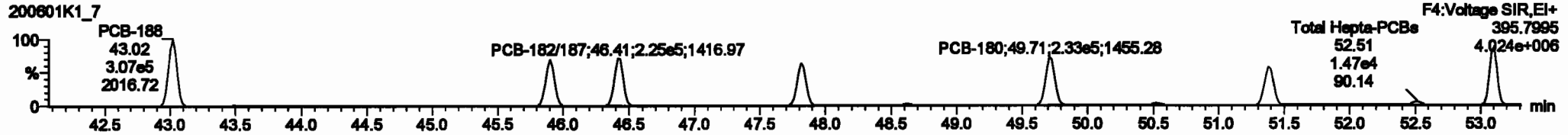
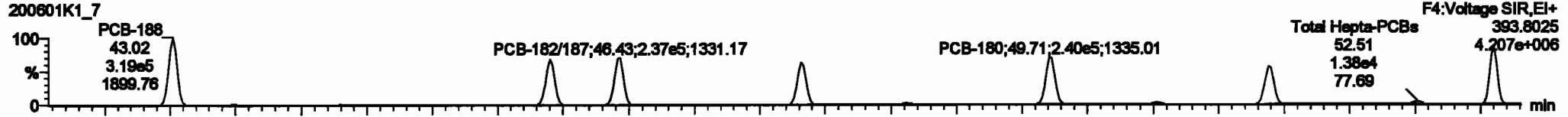


Dataset: Untitled

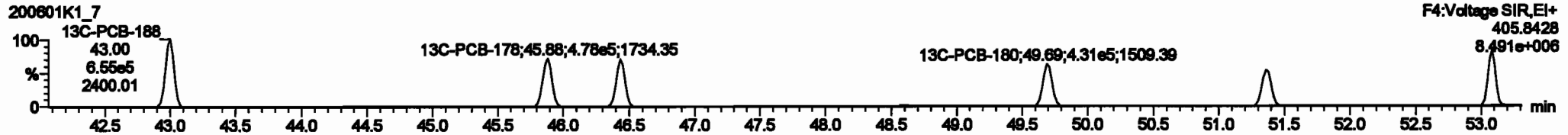
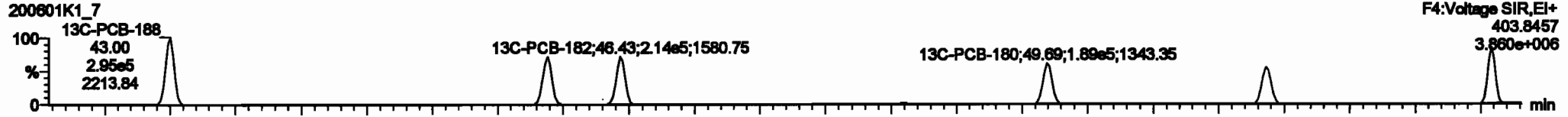
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

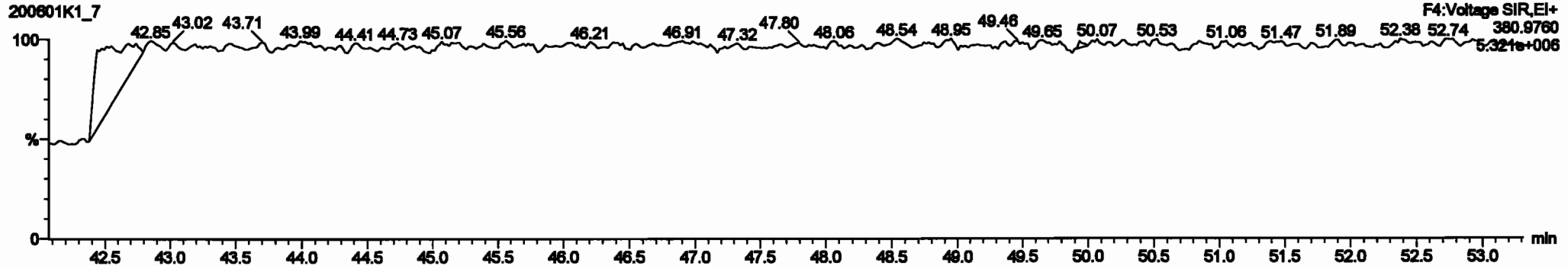
**PCB-188**



**13C-PCB-188**



**PFK4c**





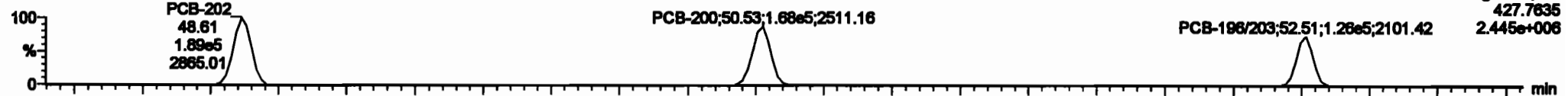
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

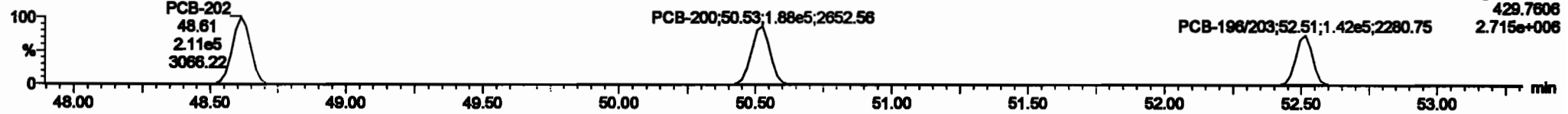
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-202**

200601K1\_7

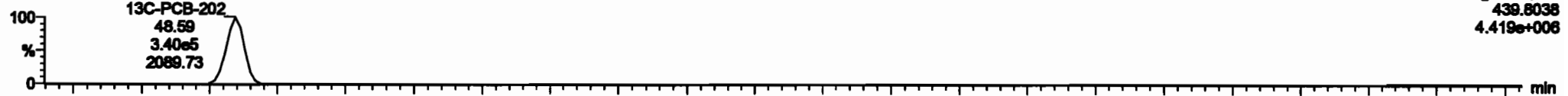


200601K1\_7

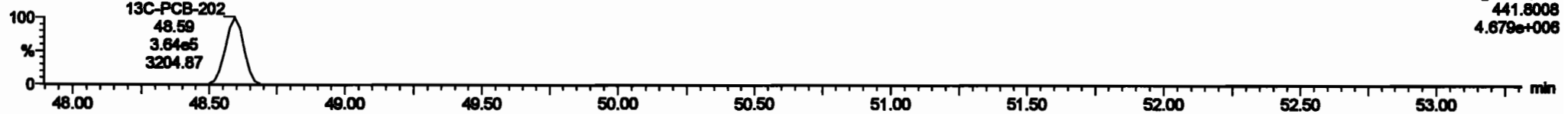


**13C-PCB-202**

200601K1\_7

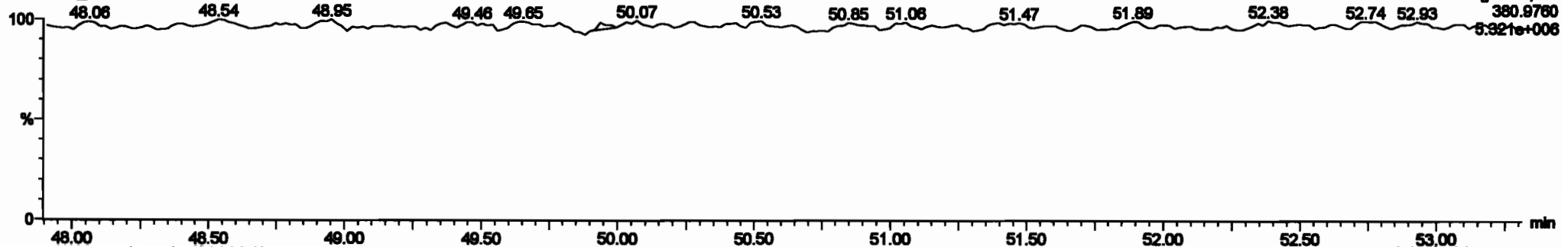


200601K1\_7



**PFK4d**

200601K1\_7



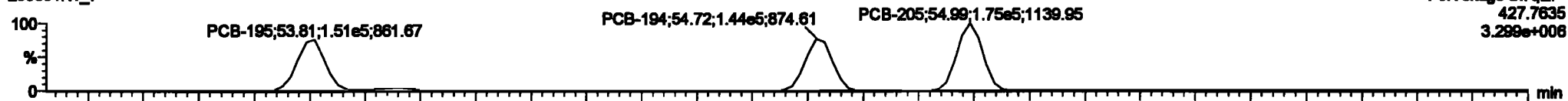
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

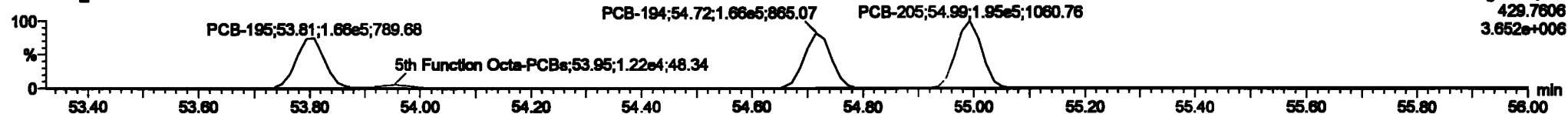
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-195**

200601K1\_7

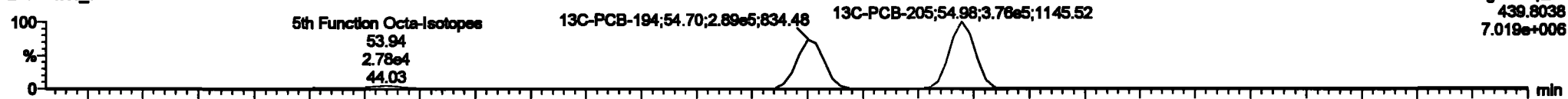


200601K1\_7

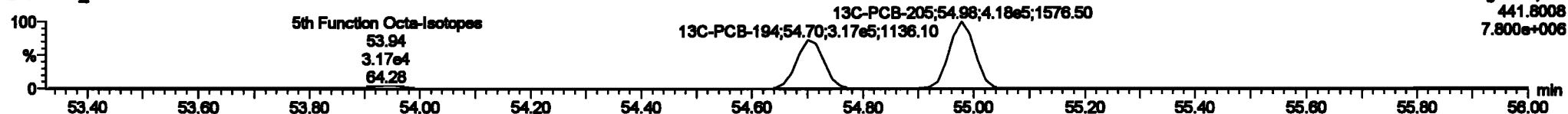


**13C-PCB-194**

200601K1\_7

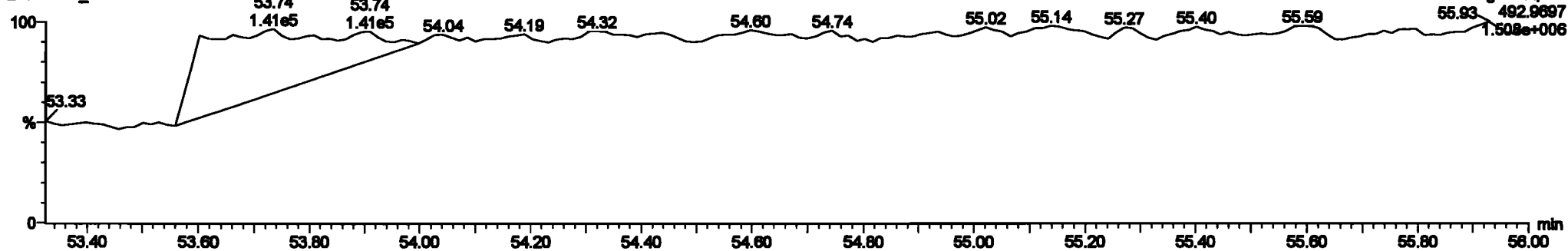


200601K1\_7



**PFK5a**

200601K1\_7



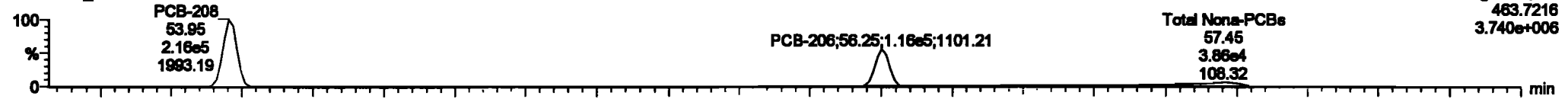
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

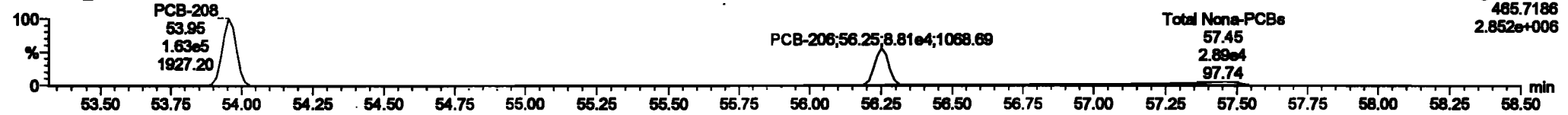
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-208**

200601K1\_7

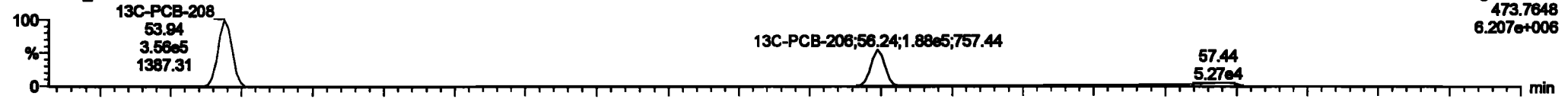


200601K1\_7

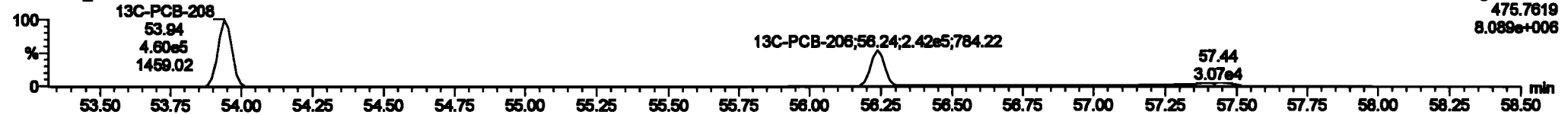


**13C-PCB-208**

200601K1\_7

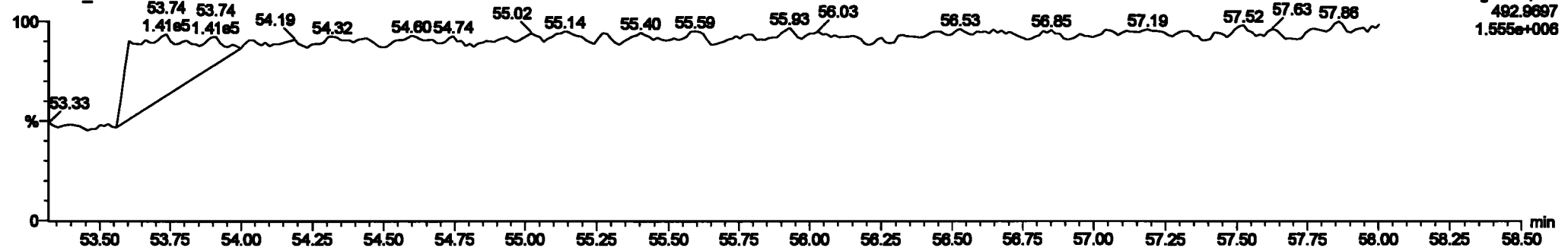


200601K1\_7



**PFK5**

200601K1\_7



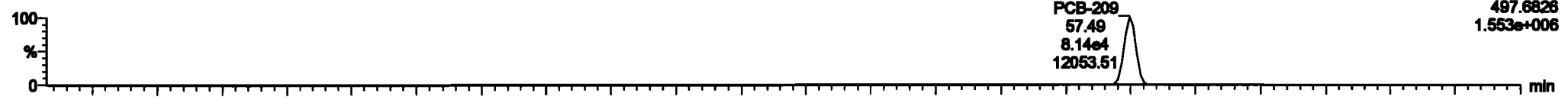
Dataset: Untitled

Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

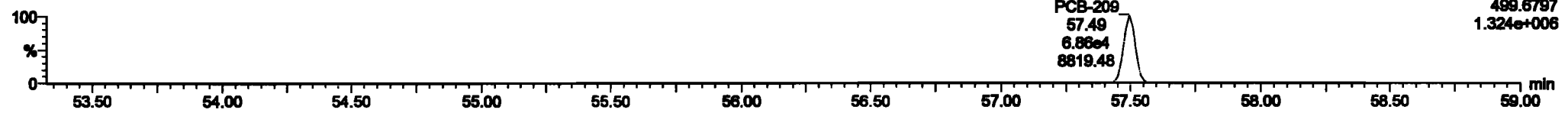
Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

**PCB-209**

200601K1\_7

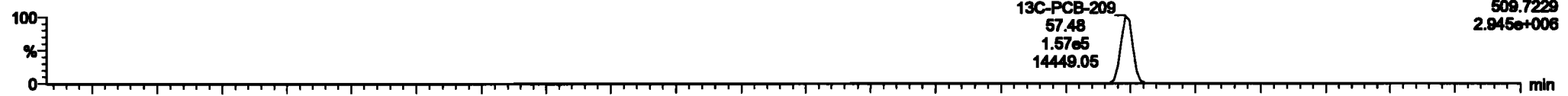


200601K1\_7

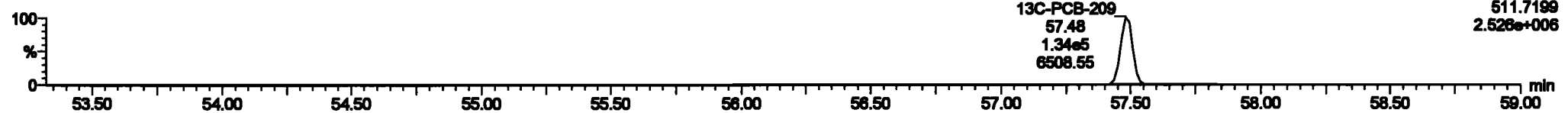


**13C-PCB-209**

200601K1\_7



200601K1\_7



**PFK5b**

200601K1\_7

