

June 30, 2020

**Vista Work Order No. 2000974**

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. 2000974**

**Case Narrative**

**Sample Condition on Receipt:**

Six sediment samples and two QC water 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 for the QC water samples were assigned to Vista Work Order No. 2000947 and the sediment samples to Vista Work Order No. 2000945.

**EPA Method 1668C**

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

**Holding Times**

The method holding time criteria were met for this sample.

**Quality Control**

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

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

The labeled standard recovery outside the method acceptance criteria is listed in the table below:

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2000974-01	PDI-146SC-A-00-01-200426	EPA Method 1668C	13C-PCB-209	H	154

H = Recovery was outside laboratory acceptance criteria.

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# Sample Inventory Report

<b>Vista Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled</b>	<b>Received</b>	<b>Components/Containers</b>
2000974-01	PDI-146SC-A-00-01-200426	26-Apr-20 08:53	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

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

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-146SC-A-00-01-200426**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000974-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.17 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	26-Apr-2020 8:53	% Solids:	70.2	Date Analyzed :	16-Jun-20 10:17 Column: ZB-1		

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	6.19				PCB-44	ND	0.685		
PCB-2	5.95				PCB-45	47.2			
PCB-3	7.52				PCB-46	21.2			
PCB-4/10	19.9				PCB-47	133			
PCB-5/8	51.7				PCB-48/75	65.6			
PCB-6	10.7				PCB-50	1.61			J
PCB-7/9	5.53			J	PCB-51	19.7			
PCB-11	20.1				PCB-52/69	431			
PCB-12/13	ND		6.69		PCB-53	50.5			
PCB-14	ND	1.01			PCB-54	1.84			J
PCB-15	38.3				PCB-55	4.27			J
PCB-16/32	94.7				PCB-56/60	220			
PCB-17	80.4				PCB-57	2.38			J
PCB-18	82.0				PCB-58	2.29			J
PCB-19	17.1				PCB-61/70	496			
PCB-20/21/33	117				PCB-62	ND	0.501		
PCB-22	66.4				PCB-63	17.1			
PCB-23	ND	0.752			PCB-65	ND	0.440		
PCB-24/27	11.2				PCB-66/76	374			
PCB-25	23.9				PCB-67	12.2			
PCB-26	37.6				PCB-68	ND	0.442		
PCB-28	253				PCB-73	ND	0.413		
PCB-29	ND	0.744			PCB-74	171			
PCB-30	ND	0.557			PCB-77	34.7			
PCB-31	214				PCB-78	ND	0.414		
PCB-34	3.99			J	PCB-79	6.23			
PCB-35	ND	0.828			PCB-80	ND	0.366		
PCB-36	ND	0.803			PCB-81	ND		1.58	
PCB-37	67.9				PCB-82	63.1			
PCB-38	ND	0.821			PCB-83	ND	0.490		
PCB-39	ND	0.874			PCB-84/92	313			
PCB-40	31.8				PCB-85/116	86.6			
PCB-41/64/71/72	194				PCB-86	ND	0.804		
PCB-42/59	ND	0.538			PCB-87/117/125	181			
PCB-43/49	318				PCB-88/91	89.5			

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-146SC-A-00-01-200426**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000974-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.17 g	QC Batch:	B0F0059	Date Extracted:	08-Jun-2020 12:43
Date Collected:	26-Apr-2020 8:53	% Solids:	70.2	Date Analyzed :	16-Jun-20 10:17 Column: ZB-1		

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	5.80				PCB-137	22.5			
PCB-90/101	796				PCB-138/163/164	822			
PCB-93	ND	0.819			PCB-139/149	796			
PCB-94	3.68			J	PCB-140	18.4			
PCB-95/98/102	515				PCB-141	178			
PCB-96	4.31			J	PCB-142	ND	0.764		
PCB-97	163				PCB-144	46.9			
PCB-99	305				PCB-145	ND	0.684		
PCB-100	6.00				PCB-146/165	232			
PCB-103	17.8				PCB-147	14.7			
PCB-104	ND	0.632			PCB-148	5.28			
PCB-105	144				PCB-150	ND		2.65	
PCB-106/118	480				PCB-151	301			
PCB-107/109	47.4				PCB-152	ND	0.685		
PCB-108/112	26.6				PCB-153	936			
PCB-110	632				PCB-154	48.5			
PCB-111/115	6.14			J	PCB-155	ND	0.779		
PCB-113	ND	0.523			PCB-156	63.7			
PCB-114	10.0				PCB-157	10.7			
PCB-119	28.4				PCB-158/160	69.8			
PCB-120	5.57				PCB-159	12.5			
PCB-121	ND	0.448			PCB-166	1.80			J
PCB-122	ND		4.79		PCB-167	26.0			
PCB-123	5.97				PCB-168	2.55			J
PCB-124	19.6				PCB-169	ND	0.599		
PCB-126	ND		2.18		PCB-170	284			
PCB-127	ND	0.506			PCB-171	85.5			
PCB-128/162	93.2				PCB-172	50.1			
PCB-129	26.0				PCB-173	8.04			
PCB-130	64.4				PCB-174	351			
PCB-131/133	37.1				PCB-175	ND		10.5	
PCB-132/161	222				PCB-176	46.0			
PCB-134/143	45.4				PCB-177	220			
PCB-135	142				PCB-178	77.8			
PCB-136	151				PCB-179	156			

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-146SC-A-00-01-200426**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000974-01
Project:	Gasco PDI	Sample Size:	7.17 g	Date Received:	28-Apr-2020 9:04
Date Collected:	26-Apr-2020 8:53	% Solids:	70.2	QC Batch:	B0F0059
				Date Analyzed :	16-Jun-20 10:17 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	695				Total octaCB	725			
PCB-181	ND	0.709			Total nonaCB	219			
PCB-182/187	432				DecaCB	438			
PCB-183	177				Total PCB	16400			
PCB-184	ND	0.561							
PCB-185	37.5								
PCB-186	ND		0.511						
PCB-188	0.993			J					
PCB-189	11.4								
PCB-190	58.3								
PCB-191	10.0								
PCB-192	ND	0.572							
PCB-193	38.5								
PCB-194	137								
PCB-195	60.9								
PCB-196/203	216								
PCB-197	8.63								
PCB-198	ND	2.87							
PCB-199	201								
PCB-200	25.1								
PCB-201	29.7								
PCB-202	40.2								
PCB-204	ND	2.00							
PCB-205	6.79								
PCB-206	147								
PCB-207	20.0								
PCB-208	51.9								
PCB-209	438								
Total monoCB	19.7								
Total diCB	146		153						
Total triCB	1070								
Total tetraCB	2660								
Total pentaCB	3960								
Total hexaCB	4390								
Total heptaCB	2740		2750						

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

**Sample ID: PDI-146SC-A-00-01-200426**

**EPA Method 1668C**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000974-01
Project:	Gasco PDI	Sample Size:	7.17 g	Date Received:	28-Apr-2020 9:04
Date Collected:	26-Apr-2020 8:53	% Solids:	70.2	QC Batch:	B0F0059
				Date Analyzed :	16-Jun-20 10:17 Column: ZB-1
				Date Extracted:	08-Jun-2020 12:43

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	71.3	5 -145		13C-PCB-170	92.6	10 -145	
13C-PCB-3	78.6	5 -145		13C-PCB-180	95.6	10 -145	
13C-PCB-4	101	5 -145		13C-PCB-188	93.6	10 -145	
13C-PCB-11	104	5 -145		13C-PCB-189	89.6	10 -145	
13C-PCB-9	104	5 -145		13C-PCB-194	96.2	10 -145	
13C-PCB-19	73.7	5 -145		13C-PCB-202	66.0	10 -145	
13C-PCB-28	85.8	5 -145		13C-PCB-206	119	10 -145	
13C-PCB-32	76.0	5 -145		13C-PCB-208	109	10 -145	
13C-PCB-37	88.0	5 -145		13C-PCB-209	154	10 -145	H
13C-PCB-47	91.3	5 -145		CRS 13C-PCB-79	92.2	10 -145	
13C-PCB-52	88.4	5 -145		13C-PCB-178	69.2	10 -145	
13C-PCB-54	85.2	5 -145					
13C-PCB-70	89.9	5 -145					
13C-PCB-77	94.5	10 -145					
13C-PCB-80	90.7	10 -145					
13C-PCB-81	92.4	10 -145					
13C-PCB-95	87.1	10 -145					
13C-PCB-97	90.7	10 -145					
13C-PCB-101	89.8	10 -145					
13C-PCB-104	85.7	10 -145					
13C-PCB-105	105	10 -145					
13C-PCB-114	110	10 -145					
13C-PCB-118	88.8	10 -145					
13C-PCB-123	90.9	10 -145					
13C-PCB-126	99.1	10 -145					
13C-PCB-127	108	10 -145					
13C-PCB-138	93.3	10 -145					
13C-PCB-141	92.0	10 -145					
13C-PCB-153	94.3	10 -145					
13C-PCB-155	58.5	10 -145					
13C-PCB-156	90.7	10 -145					
13C-PCB-157	88.9	10 -145					
13C-PCB-159	90.6	10 -145					
13C-PCB-167	88.7	10 -145					
13C-PCB-169	83.7	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**

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

Project: Gasco PDI  
 Client: NW Natural

2000974  
 04/28/20 2000945 4.3°C

COC ID: VISTA-20200426-095509  
 Sample Custodian: SN  
 Lab: VISTA

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
* 001	PDI-FB-2004261231	FB	WQ	04/26/2020	12:30	2	<input type="checkbox"/>	Dioxin/Furans	E1613B	30	4°C
* 002	PDI-RB-2004261300	RB	WQ	04/26/2020	13:00	2	<input type="checkbox"/>	Dioxin/Furans	E1613B	30	4°C
003	PDI-146SC-A-00-01-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans (1)	E1613B	7	4°C
								PCB Congeners	E1668A	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
(1) 004	PDI-146SC-A-01-02-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
(1) 005	PDI-146SC-A-02-03-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
(1) 006	PDI-146SC-A-03-04-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
(1) 007	PDI-146SC-A-04-05-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C
								Total solids (VISTA)	SM2540G	7	4°C
(1) 008	PDI-146SC-A-05-06-200426	N	SE	04/26/2020	8:53	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C

Comment: \* WO# 2000974  
 (1) WO# 2000945

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature:	Signature:	Signature:	Signature:
Print Name: Sasha Norwood	Print Name: William R Wright	Print Name:	Print Name:	Print Name:	Print Name:
Company: Anchor QEA	Company: VAI	Company:	Company:	Company:	Company:
Date/Time: 4/27/20 1330	Date/Time: 4-28-20 09:04	Date/Time:	Date/Time:	Date/Time:	Date/Time:

# Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2000974

 TAT 7

Samples Arrival:	Date/Time <u>4/28/20 09:04</u>	Initials: <u>WVW</u>	Location: <u>WR-2</u>
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
	<input type="checkbox"/> GLS	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: <u>4.3</u> (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: <u>IR3</u>
Temp °C: <u>4.3</u> (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"/>		
Logged In:	Date/Time <u>04/30/20 0853</u>	Initials: <u>KS</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>G-5</u>
COC Anomaly/Sample Acceptance Form completed?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

# CoC/Label Reconciliation Report WO# 2000974

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2000974-01	A PDI-146SC-A-00-01-200426		26-Apr-20 08:53	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: KS 04/30/20

## **EXTRACTION INFORMATION**

Process Sheet  
Workorder: 2000974

RX

07 06/04/2020

Prep Expiration: 2021-04-26  
Client: Anchor QEA, LLC

Workorder Due: 05-May-20 00:00

TAT: 7

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

**RUSH!**

Prep Batch: BDF0059

Prep Data Entered: 06/10/20 R12  
Date and Initials

Initial Sequence: SDF0054

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2000974-01	A	<input checked="" type="checkbox"/> PDI-146SC-A-00-01-200426	28-Apr-20 09:04	WR-2 G-4	

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

EMM 06/08/20

Pre-Prep Check Out: N/A

Prep Check Out: EMM 06/08/20

Prep Reconciled Initials/Date: EMM 06/08/20

Pre-Prep Check In: N/A

Prep Check In: EMM 06/08/20

Spike Reconciled Initials/Date: NO 06/08/20

VialBoxID: Danger close



PREPARATION BENCH SHEET

Matrix: Solid

B0F0059

Chemist: EMU

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	CRS/PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
A1	B0F0059-BLKI	N/A	(5.00)	EMU 00 06/08/20	AZ EMU 06/10/20	NA	EMU 06/10/20	NA	NA	RR ME 06/10/20
A2	B0F0059-BS1	N/A	(5.00)							
A3	B0F0059-DUPI 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	5.90	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>+ 2 changes</sup> performed on rotovaps AZ 06/10/20

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

IS: <u>12 19B2601, 10mL</u>	Cycle Time	APP: SEFUN SOX (SDS)	Check Out: <u>EMU 06/08/20</u>	Soxhlet Siphoned Chemist/Date: <u>EMU 06/08/20</u>	Notes:
NS: <u>13 19B2602, 10mL</u>	Start Date/Time: <u>1531 06/08/20</u>	SOLV: <u>T01</u>	Check In: <u>EMU 06/08/20</u>	Chemist/Date: <u>EMU 06/08/20</u>	
PS/CRS: <u>14B2603, 10mL</u>	Stop Date/Time: <u>0750 06/09/20</u>	Other: <u>N/A</u>	Balance ID: <u>HRMS-08</u>	Vial Transfer Chemist/Date: <u>RR 06/10/20</u>	
RS: <u>12 19B2604, 10mL</u>	Final Volume(s): <u>100 mL</u>				
Diox/F: <u>PCB PAH PEST PBDE HCB</u>					

Comments:

- 1 = Sample approached dryness on rotovap
- 2 = Sample bumped on rotovap; lost < 5%
- 3 = Sample poured through Na2SO4 to remove water
- 4 = Precipitate present at Final Volume
- 5 = Sample homogenized in secondary container
- 6 = Sample clogged during extraction; pipetted and used Nitrogen to assist
- 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
B0F0059-BLK1	5 ✓			100	08-Jun-20 12:43	EMM				QC
B0F0059-BS1	5 ✓			100	08-Jun-20 12:43	EMM	19B2602 ✓	10 ✓		QC
B0F0059-DUP1	7.56 ✓	<del>7.56</del> 66.33	<del>5.0145</del>	100 ↓	08-Jun-20 12:43	EMM ↓				QC

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



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

Inst HRMS-8

Date/Time IN: 04/30/20 Date/Time OUT: 05/01/20  
1628 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	Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*
			RR 04/30/20	RR 05/01/20										
	2000962-01	Sample	1.28	RR 04/30/20	7.44	5.36		Mud						X
	2000962-02	Sample	1.31	RR 05/01/20	6.04	5.19		Sand						X
	2000968-01	Sample	1.28		8.54	7.37		Sand						X
	2000968-02	Sample	1.35		8.04	4.66		Mud						X
	2000974-01	Sample	1.29		5.12	3.98		Mud						X
	2000975-01	Sample	1.29		5.59	5.17		Sand						X
	2000977-01	Sample	1.30		7.26	5.09		Mud						X
	2000967-01	↓	1.30		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	

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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	

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#	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	



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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	

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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	

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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	

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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														

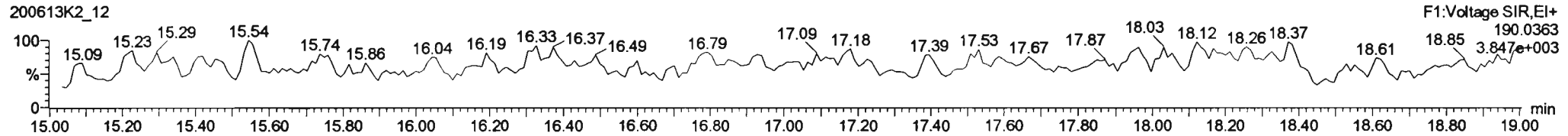
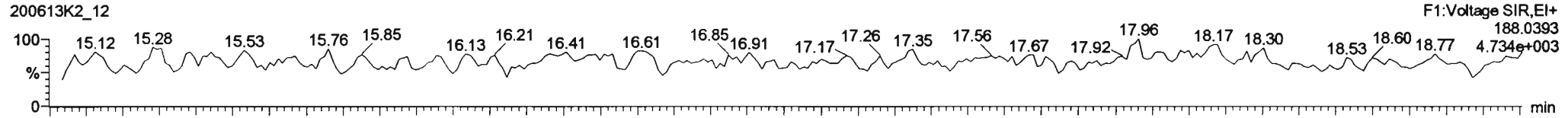
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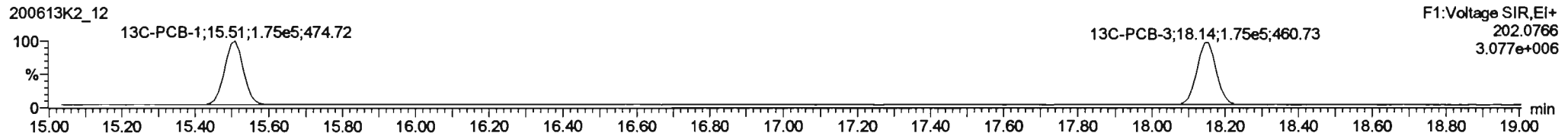
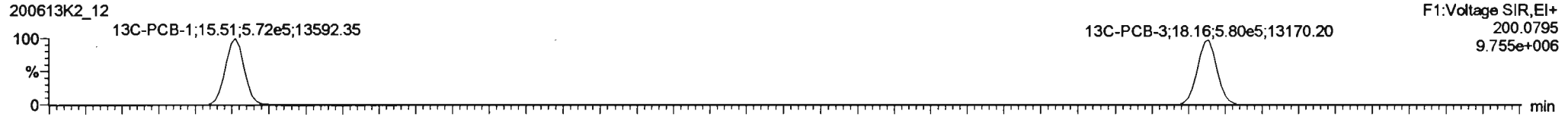
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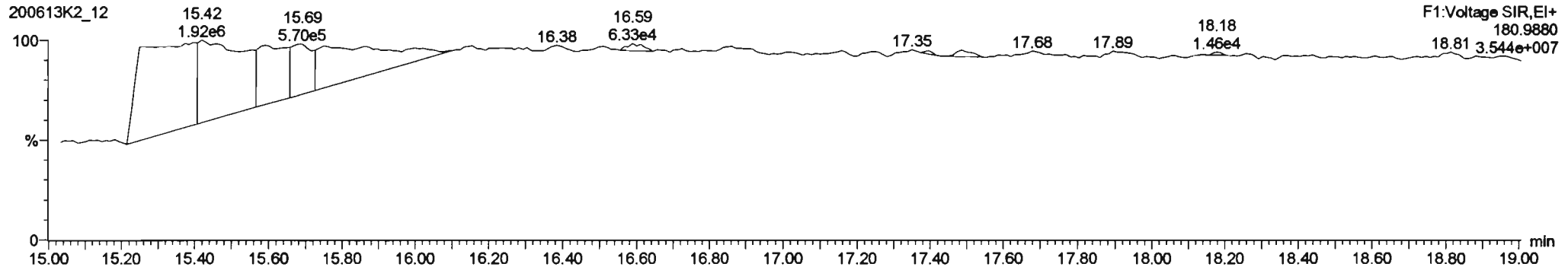
**PCB-1**



**13C-PCB-1**



**PFK1**



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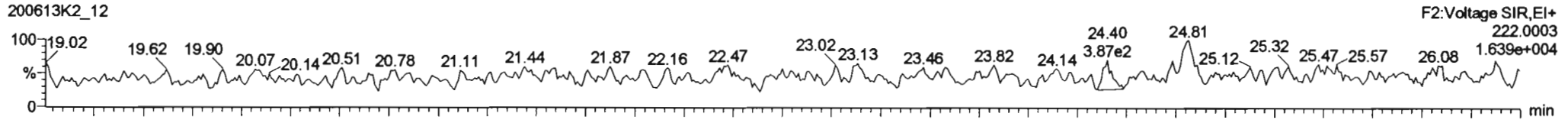
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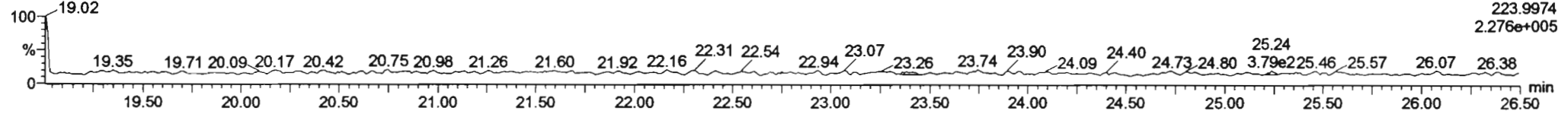
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**PCB-4/10**

200613K2\_12

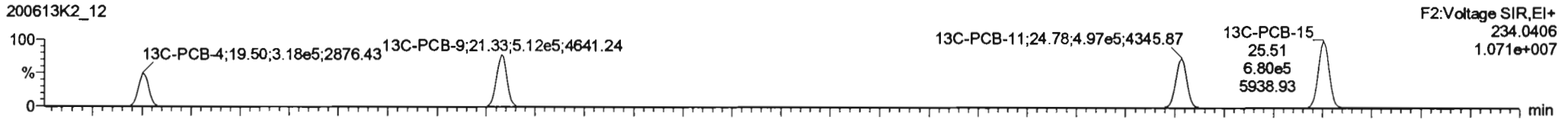


200613K2\_12

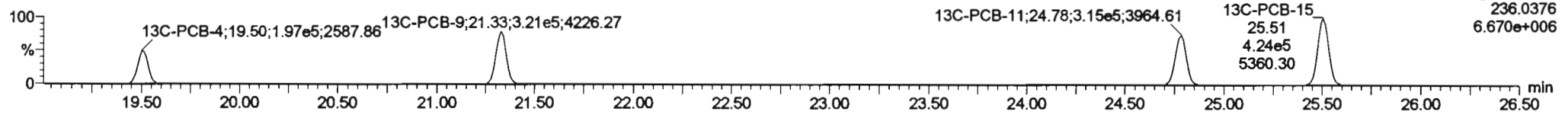


**13C-PCB-4**

200613K2\_12

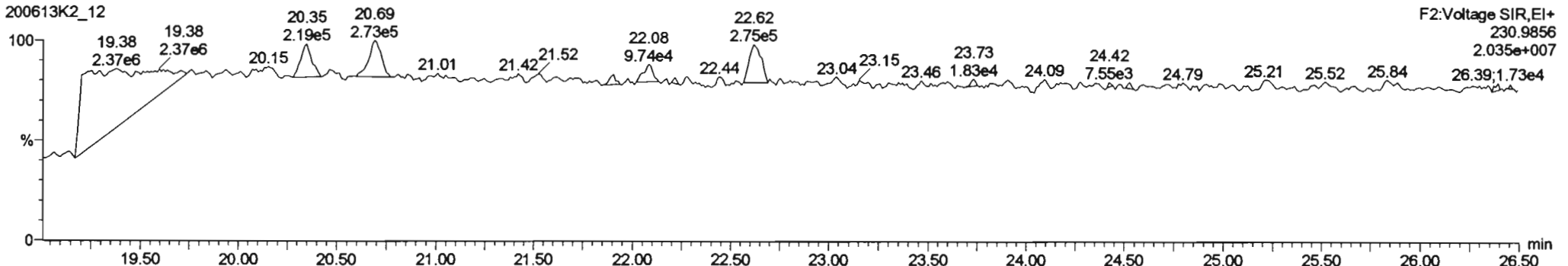


200613K2\_12



**PFK2a**

200613K2\_12

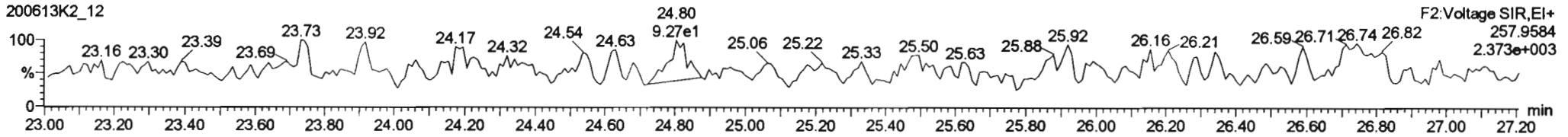
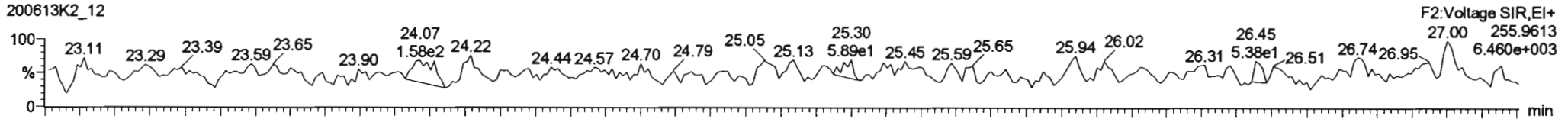


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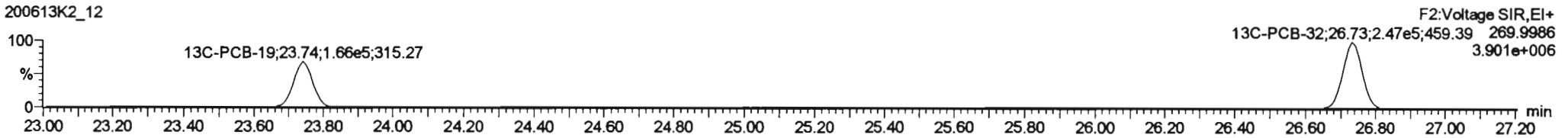
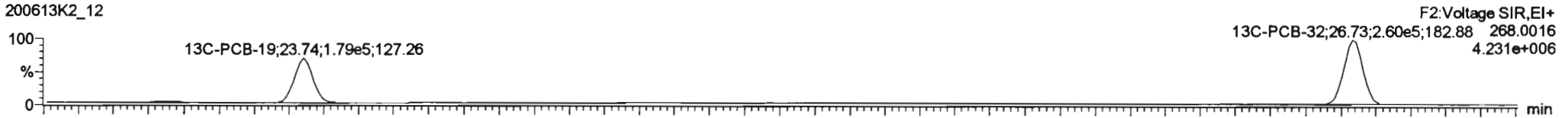
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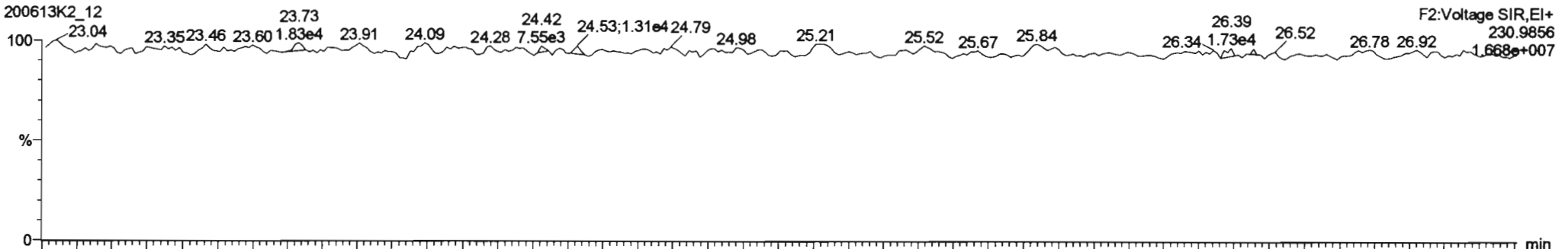
**PCB-19**



**13C-PCB-19**



**PFK2b**



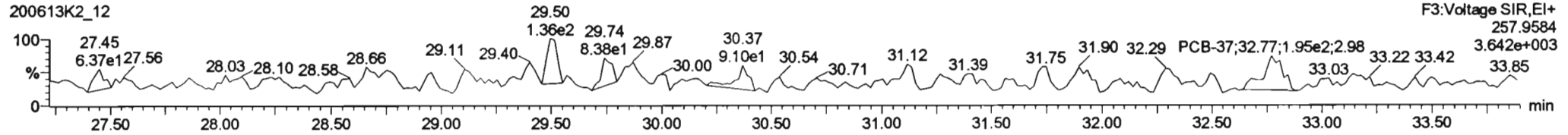
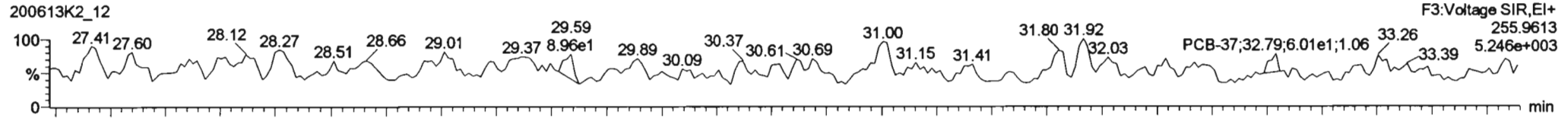
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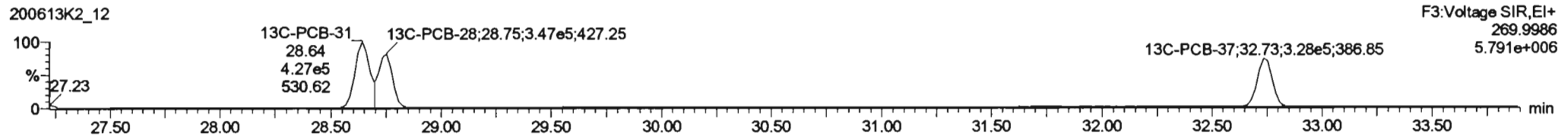
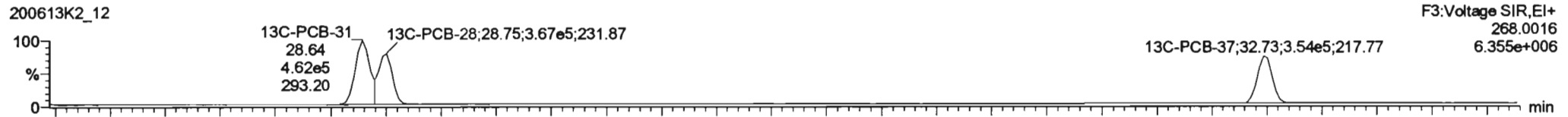
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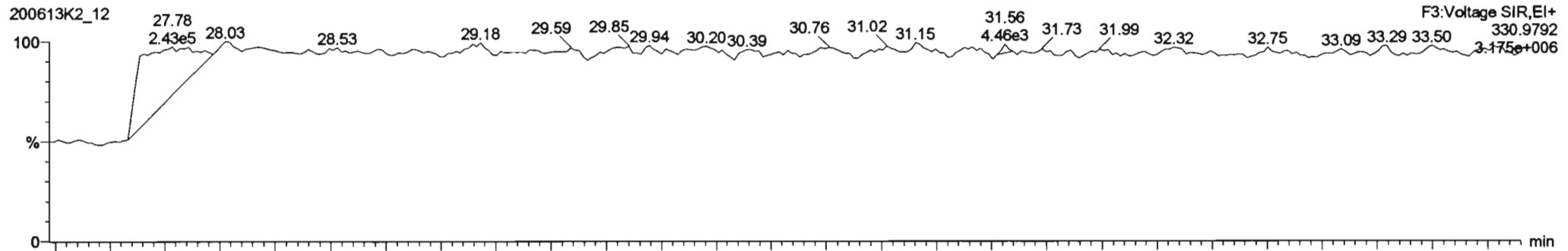
**PCB-34**



**13C-PCB-28**



**PFK3d**



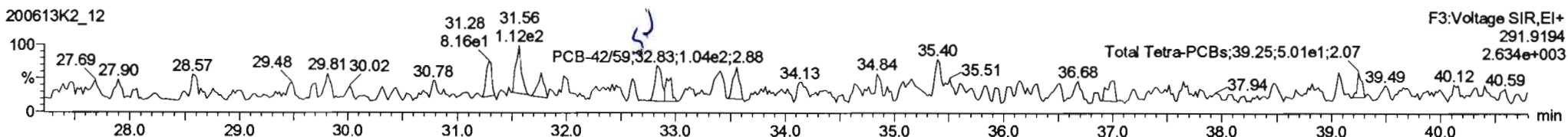
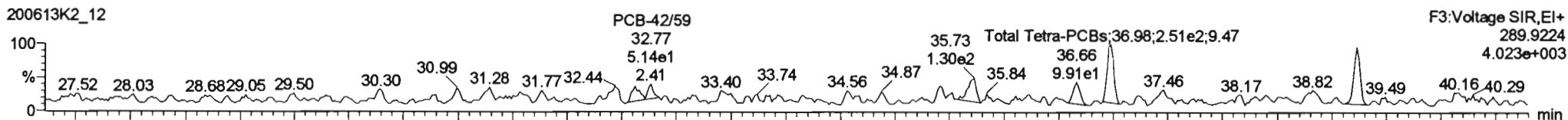


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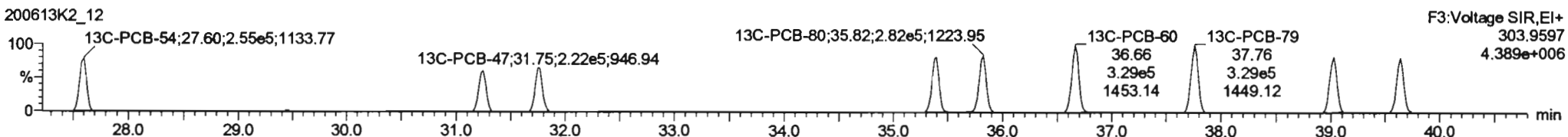
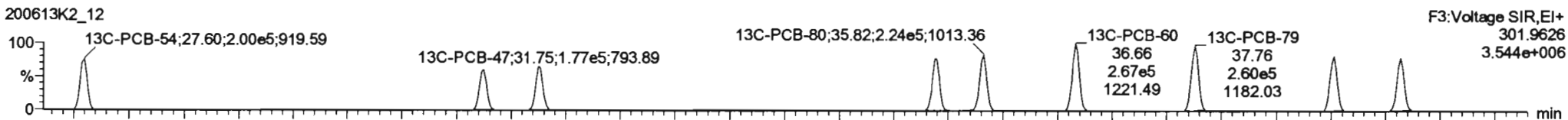
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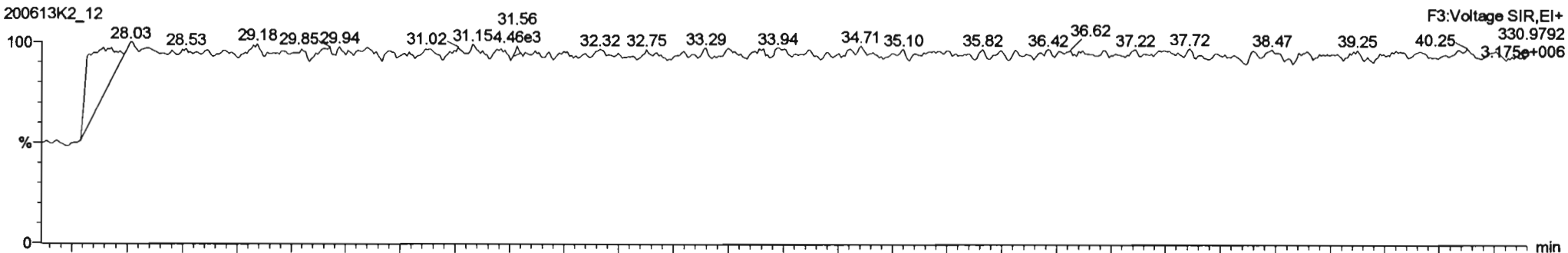
**PCB-54**



**13C-PCB-54**



**PFK3a**



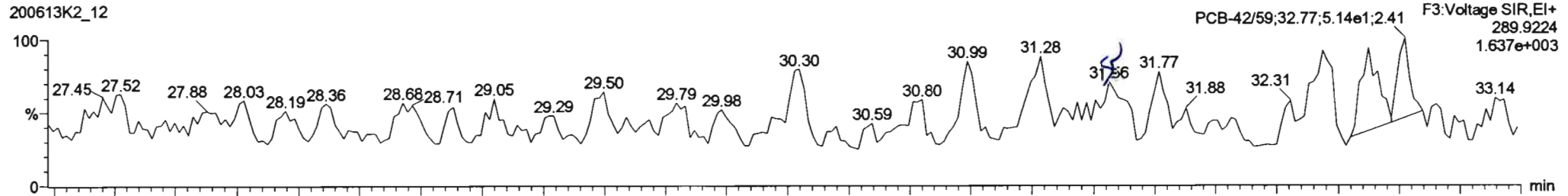
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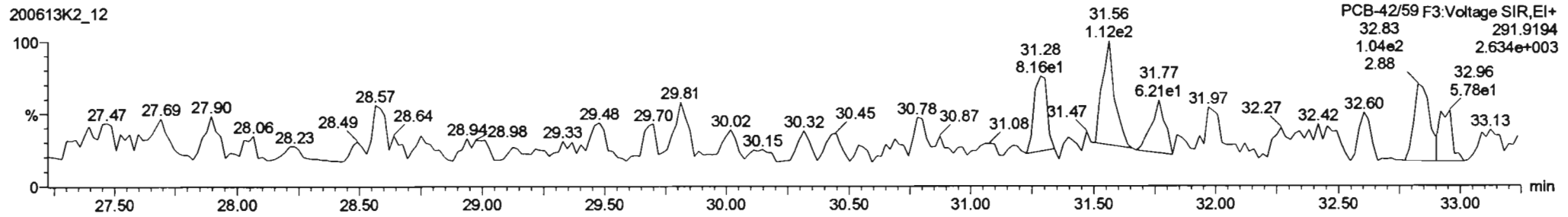
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PCB-50

200613K2\_12

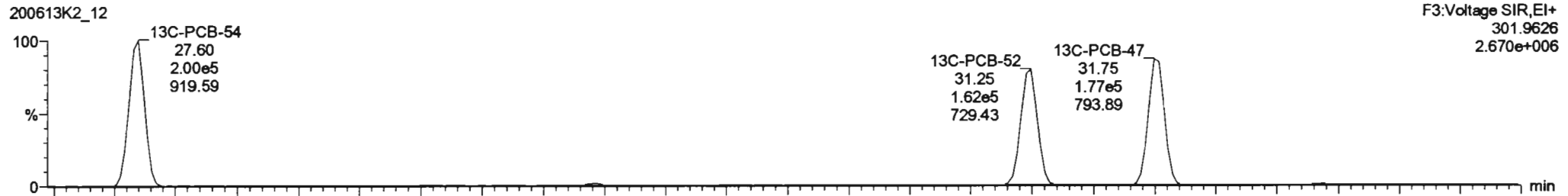


200613K2\_12

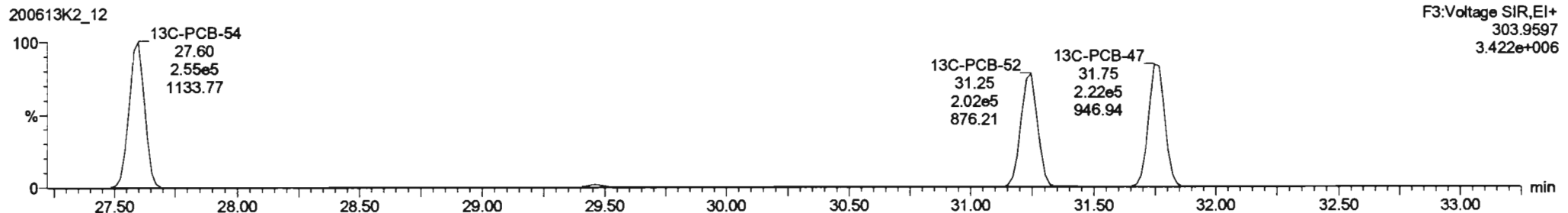


13C-PCB-52

200613K2\_12



200613K2\_12



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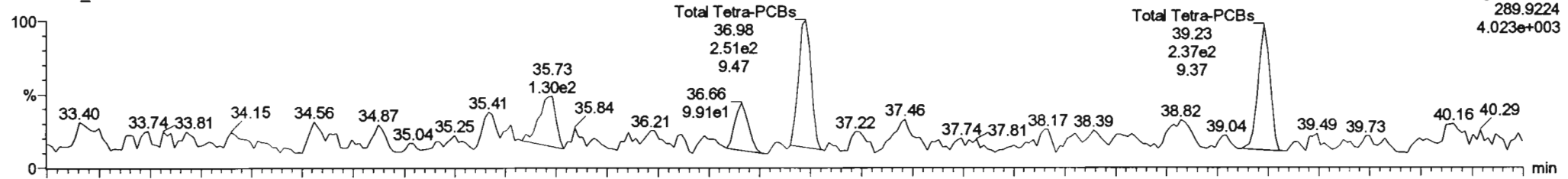
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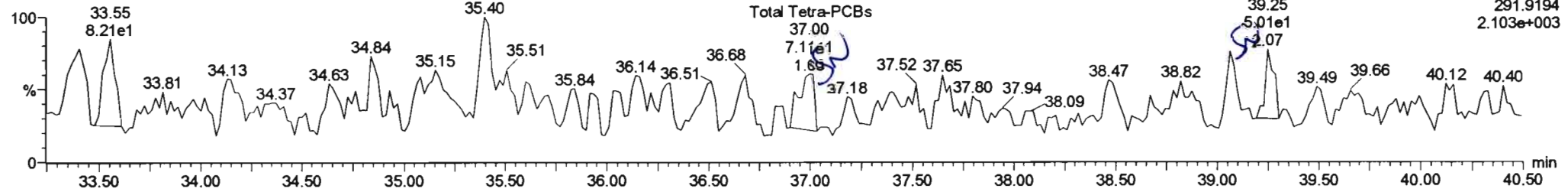
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PCB-68

200613K2\_12

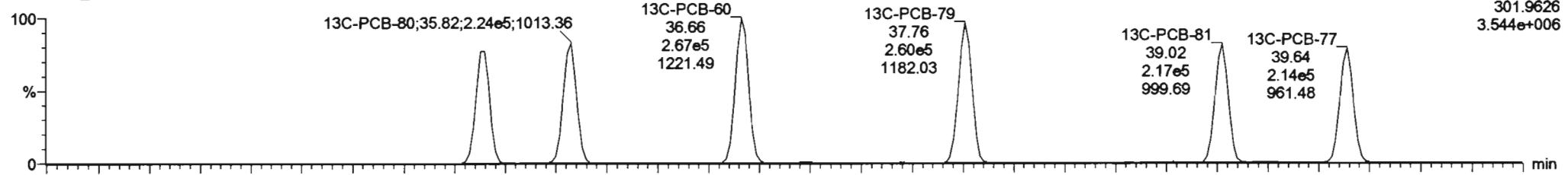


200613K2\_12

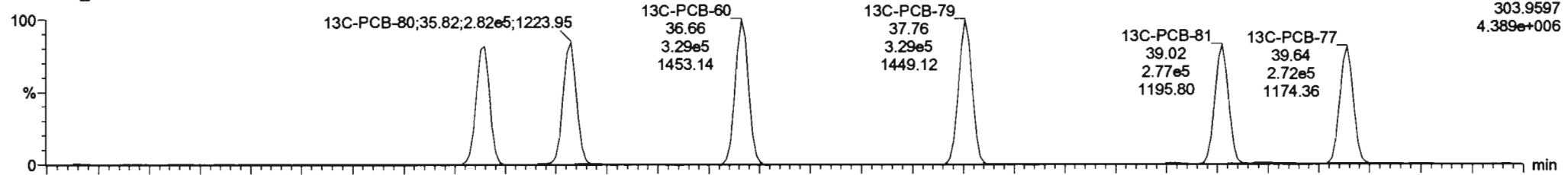


13C-PCB-60

200613K2\_12



200613K2\_12



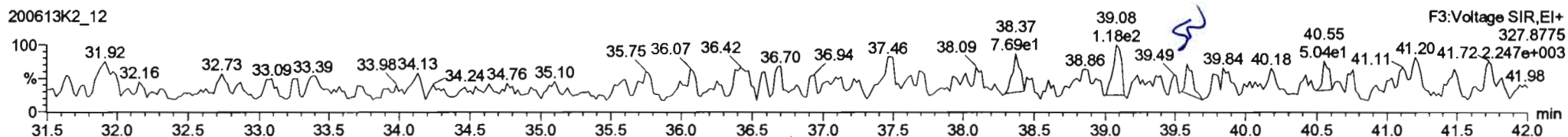
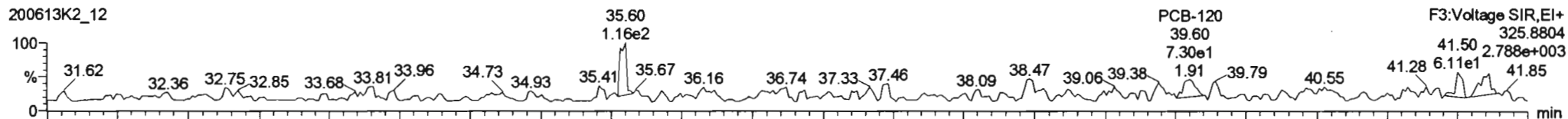
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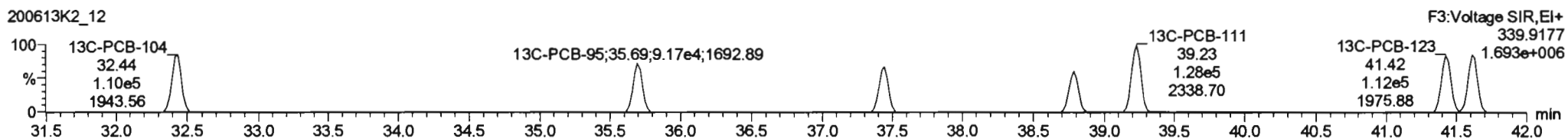
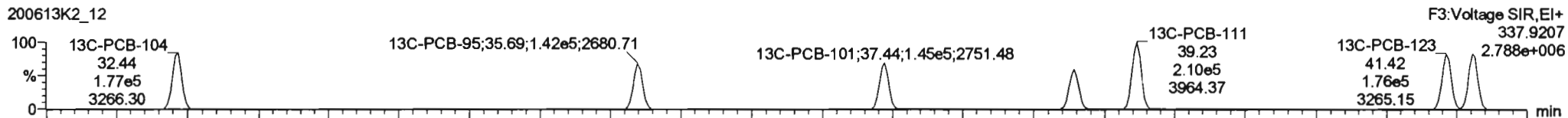
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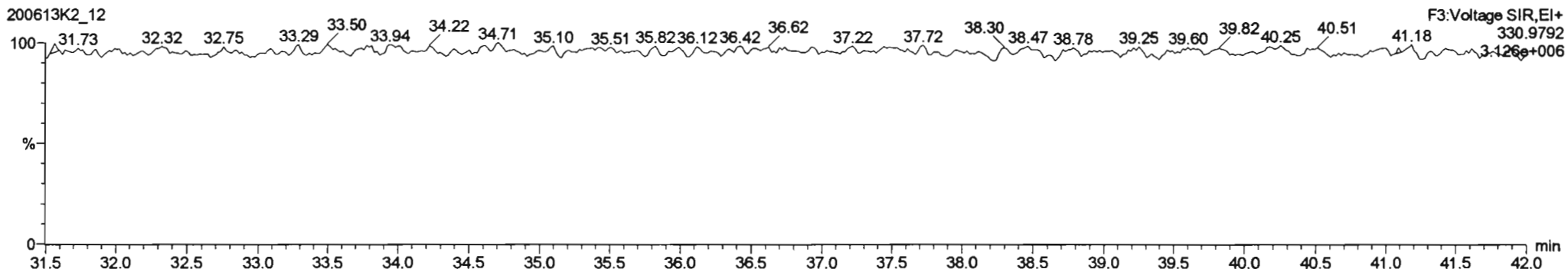
**PCB-104**



**13C-PCB-104**



**PFK3b**



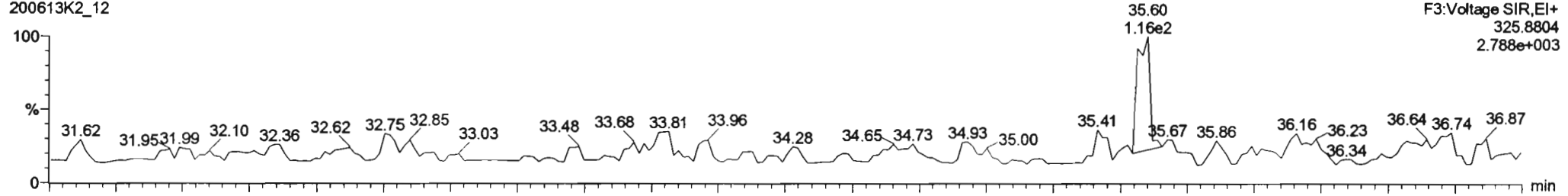
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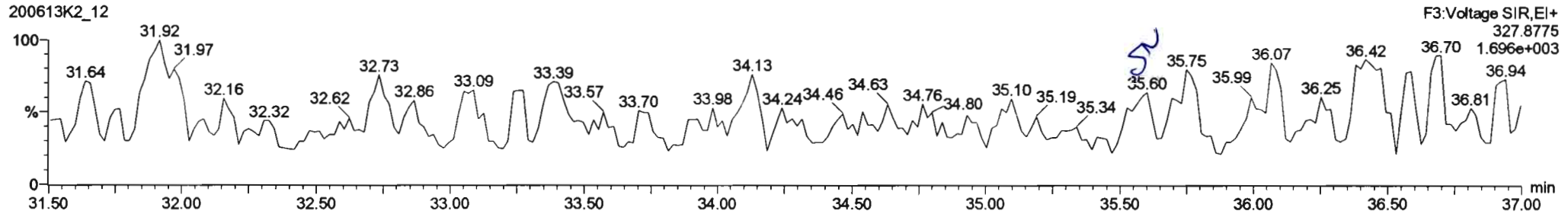
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**PCB-96**

200613K2\_12

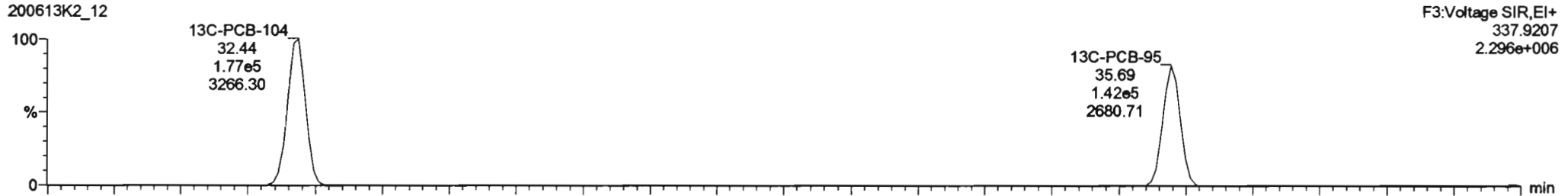


200613K2\_12

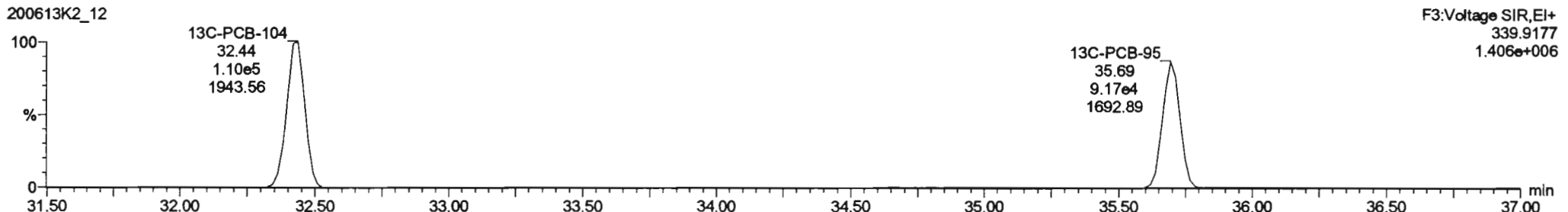


**13C-PCB-95**

200613K2\_12



200613K2\_12



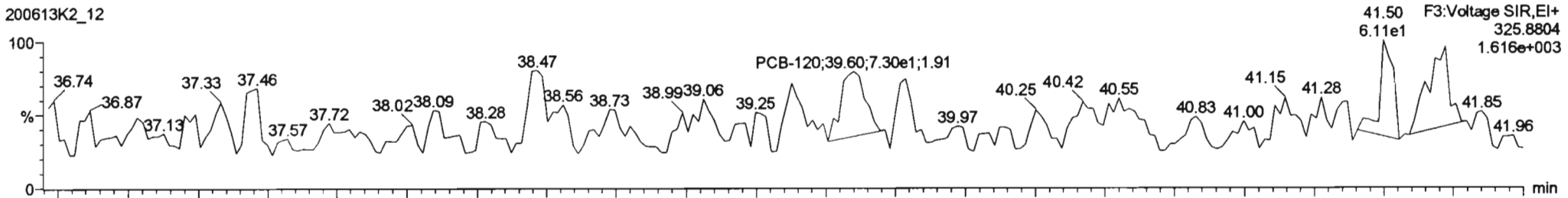
Dataset: Untitled

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

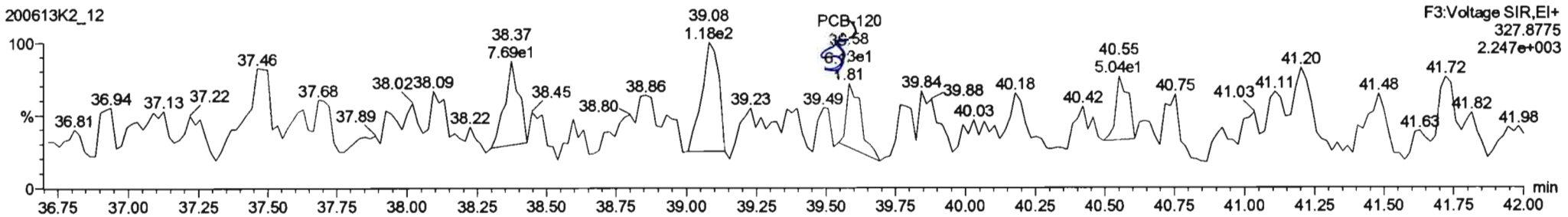
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

PCB-119

200613K2\_12

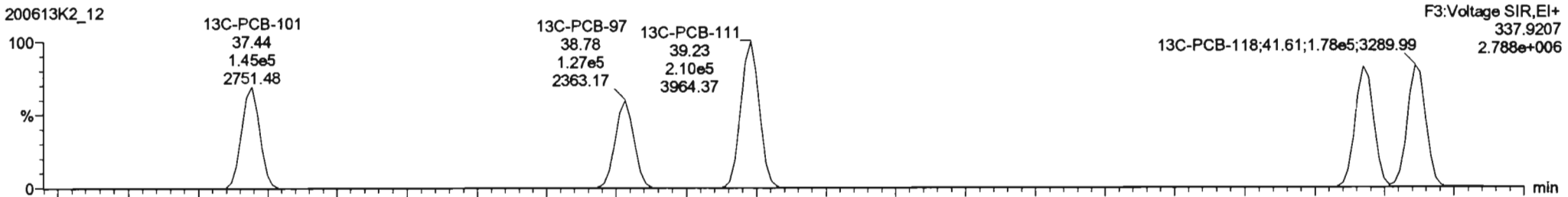


200613K2\_12

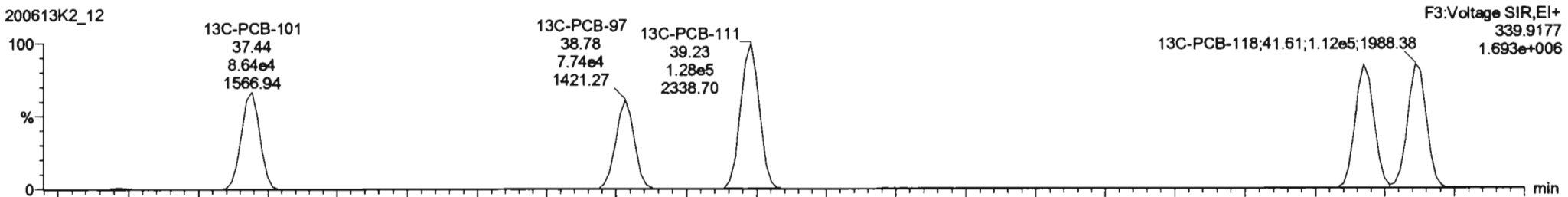


13C-PCB-111

200613K2\_12



200613K2\_12

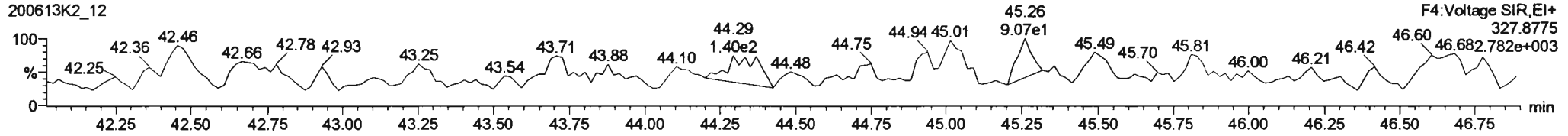
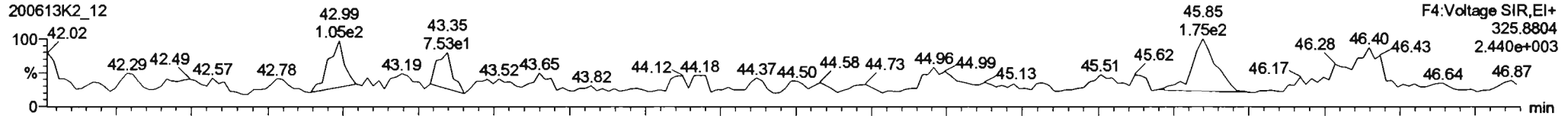


Dataset: Untitled

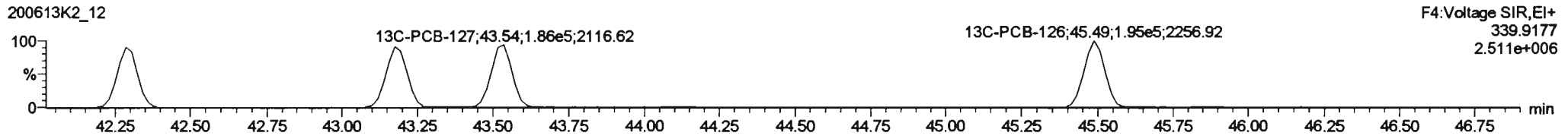
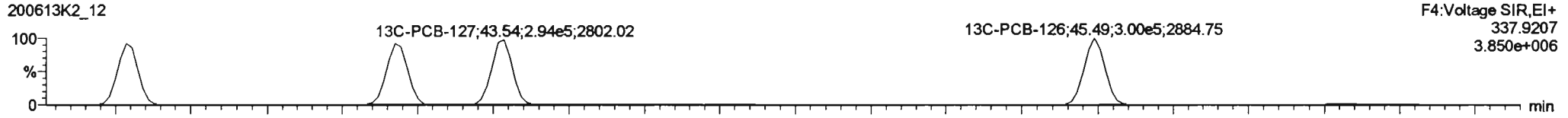
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

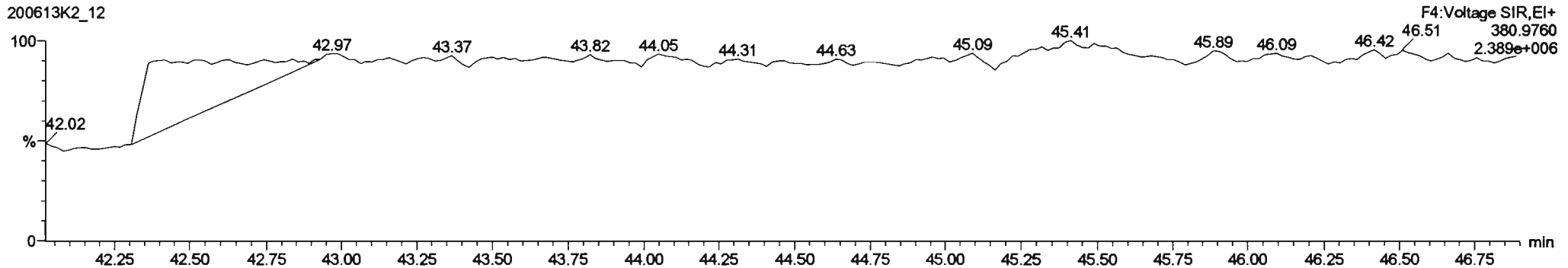
**PCB-114**



**13C-PCB-114**



**PFK4a**



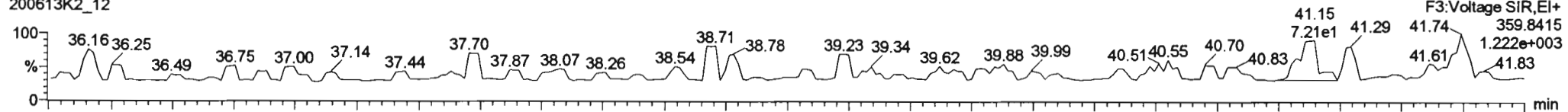
Dataset: Untitled

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

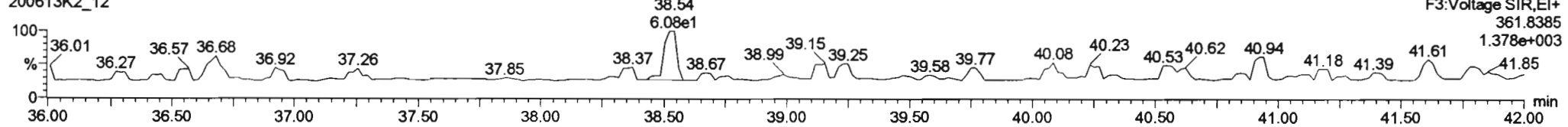
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-155**

200613K2\_12

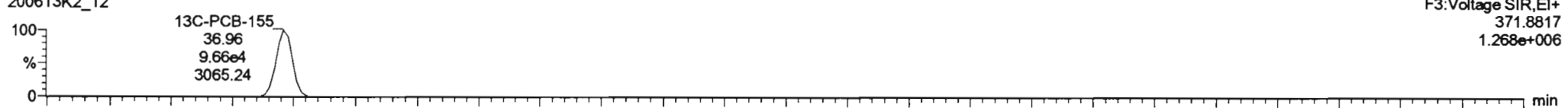


200613K2\_12

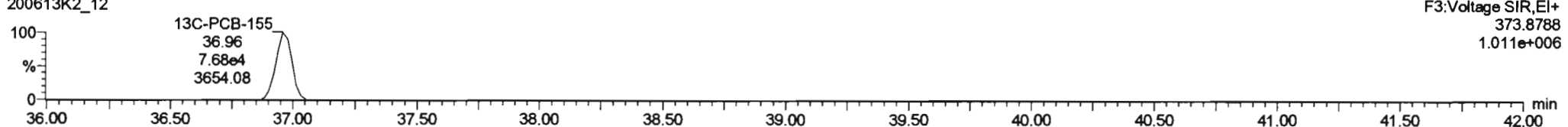


**13C-PCB-155**

200613K2\_12

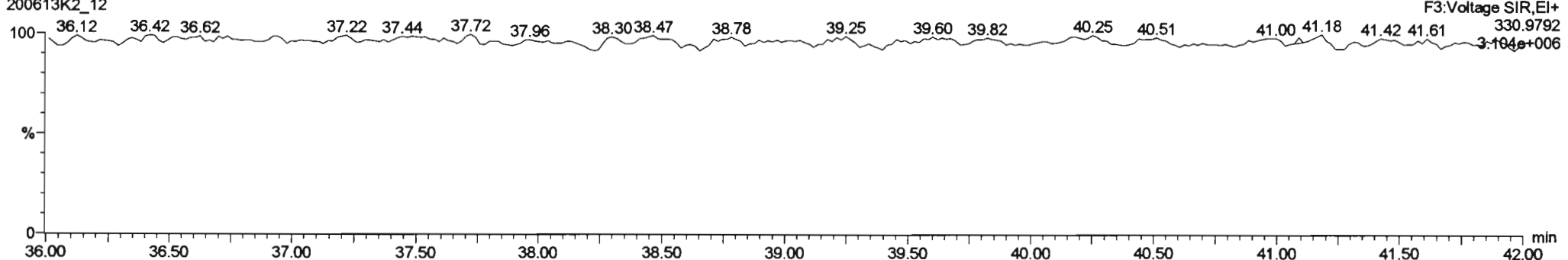


200613K2\_12



**PFK3c**

200613K2\_12





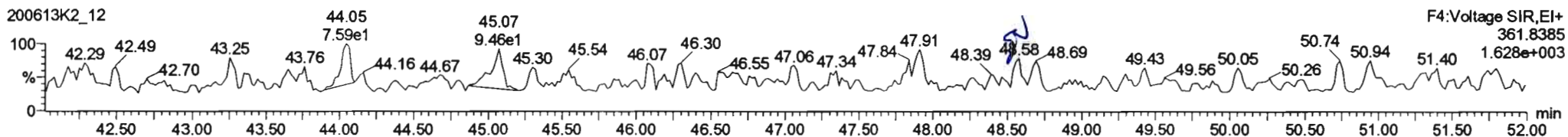
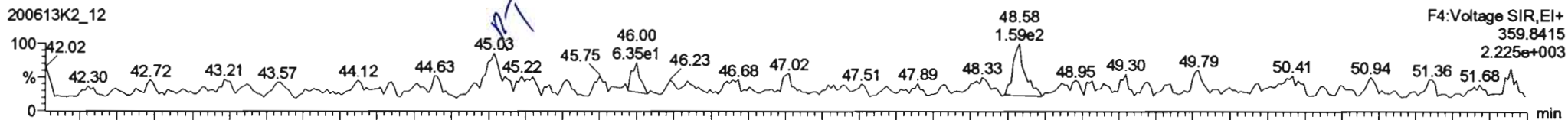
Dataset: Untitled

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

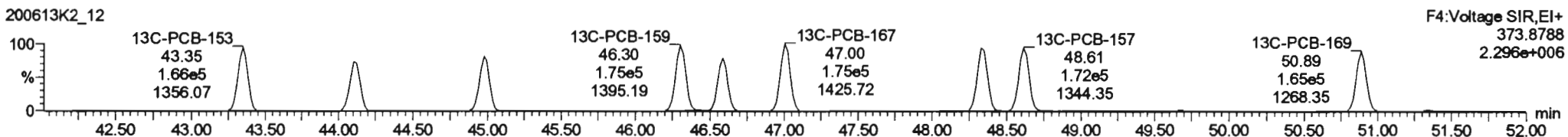
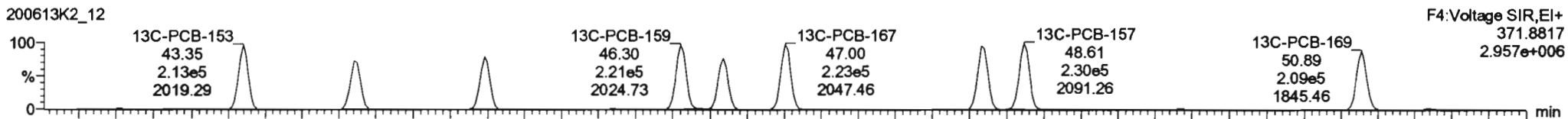
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

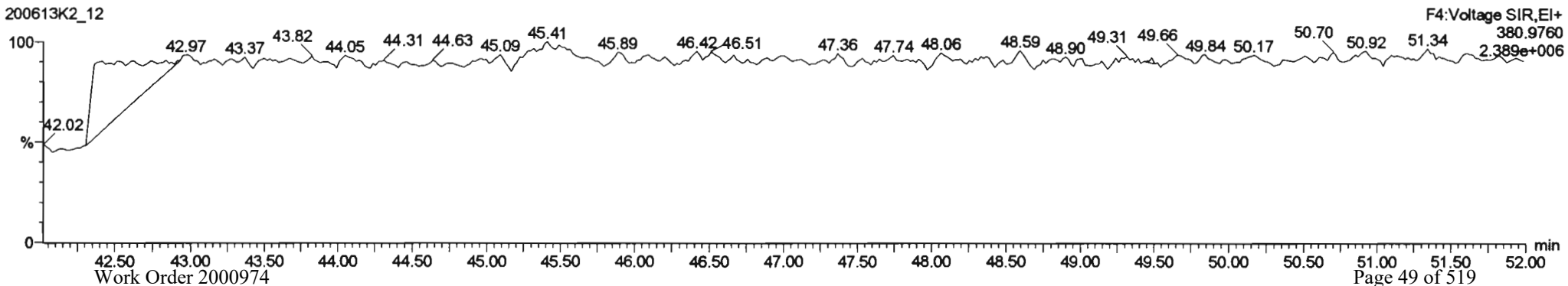
PCB-134/143



13C-PCB-153



PFK4b





Dataset: Untitled

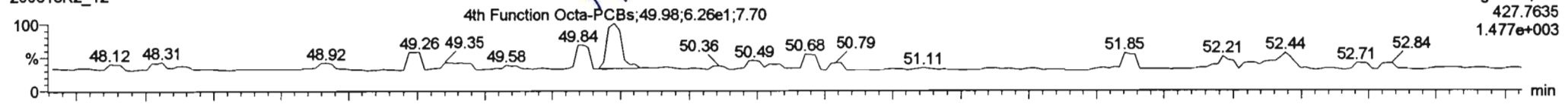
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

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

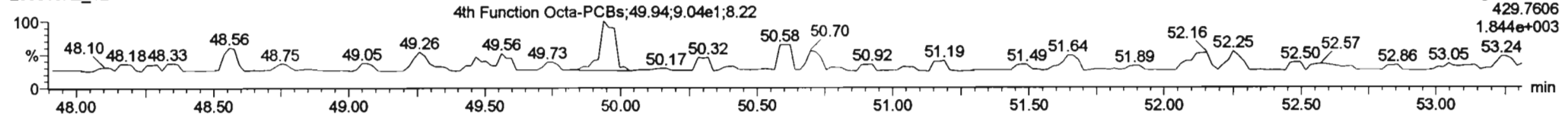
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-202**

200613K2\_12

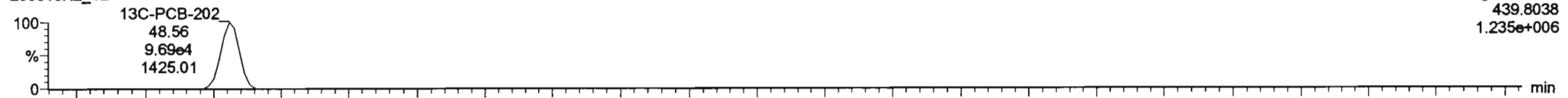


200613K2\_12

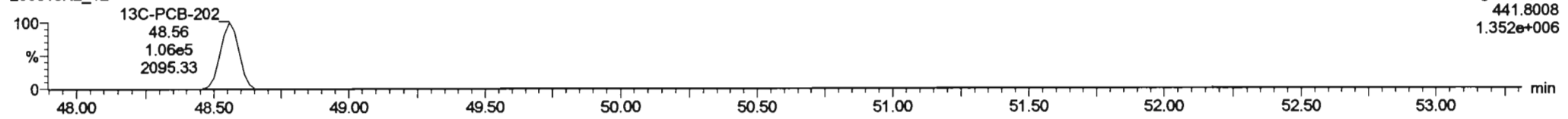


**13C-PCB-202**

200613K2\_12

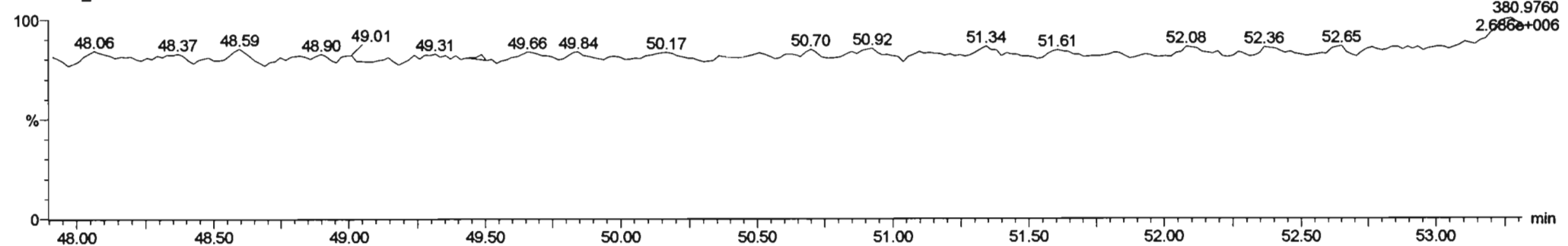


200613K2\_12



**PFK4d**

200613K2\_12

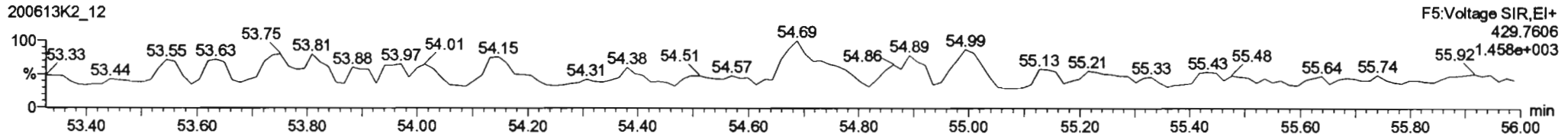
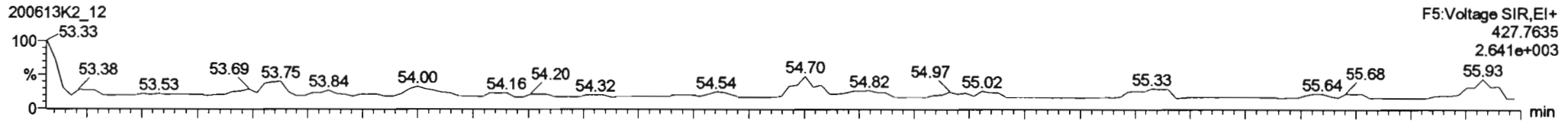


Dataset: Untitled

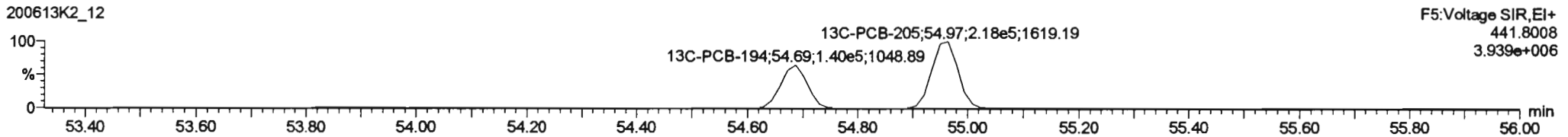
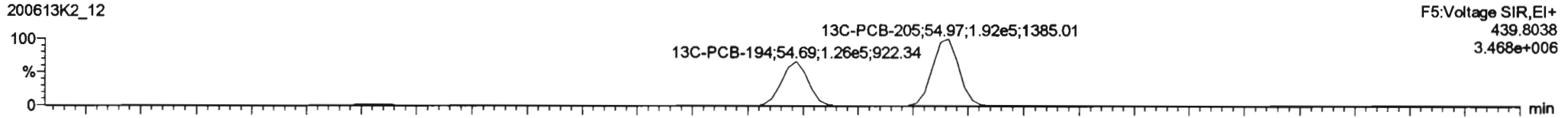
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

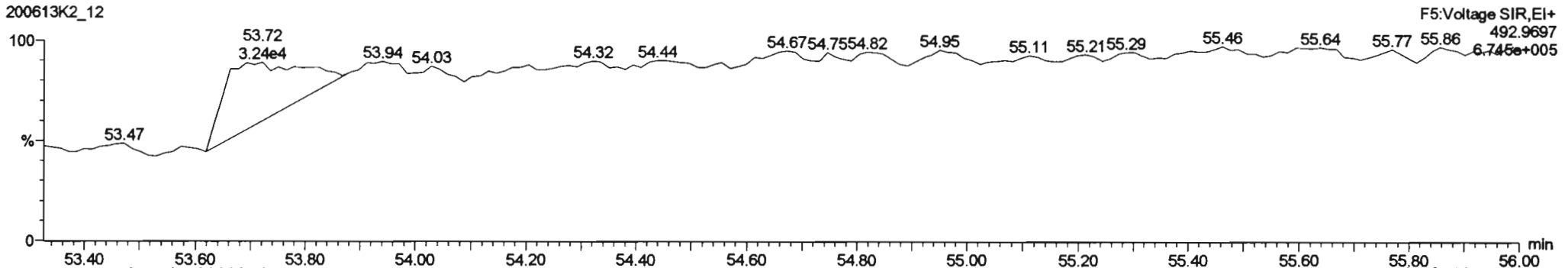
**PCB-195**



**13C-PCB-194**



**PFK5a**



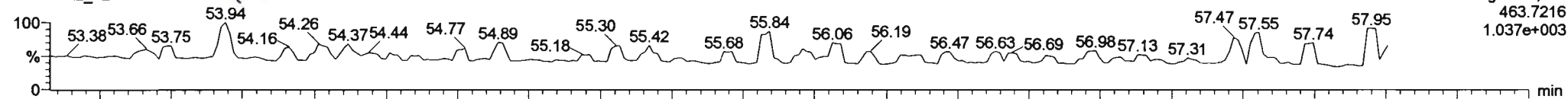
Dataset: Untitled

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

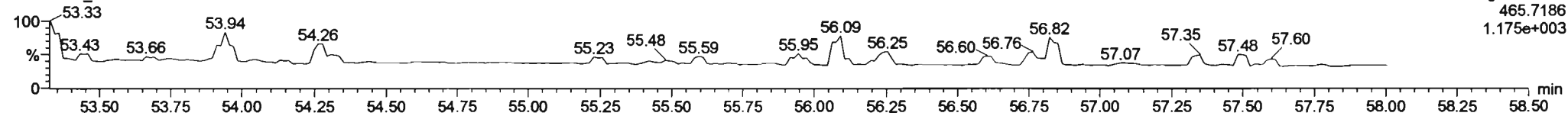
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-208**

200613K2\_12

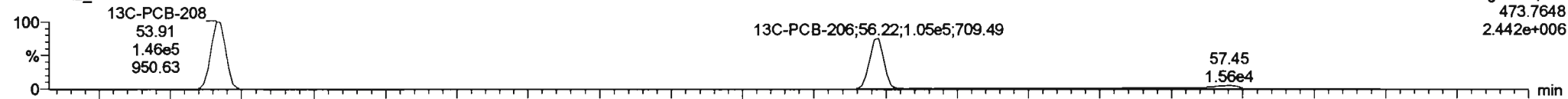


200613K2\_12

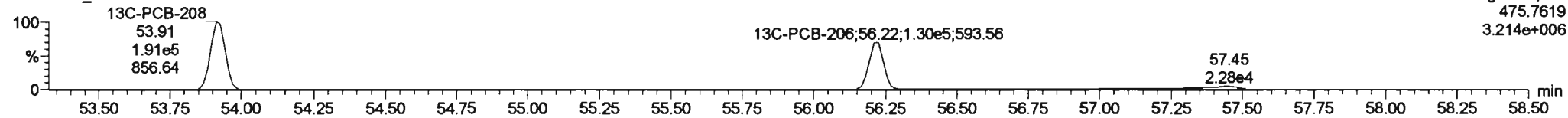


**13C-PCB-208**

200613K2\_12

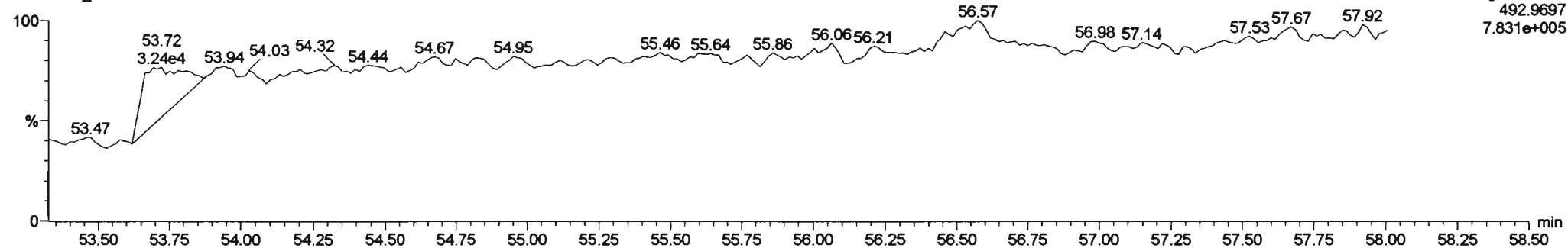


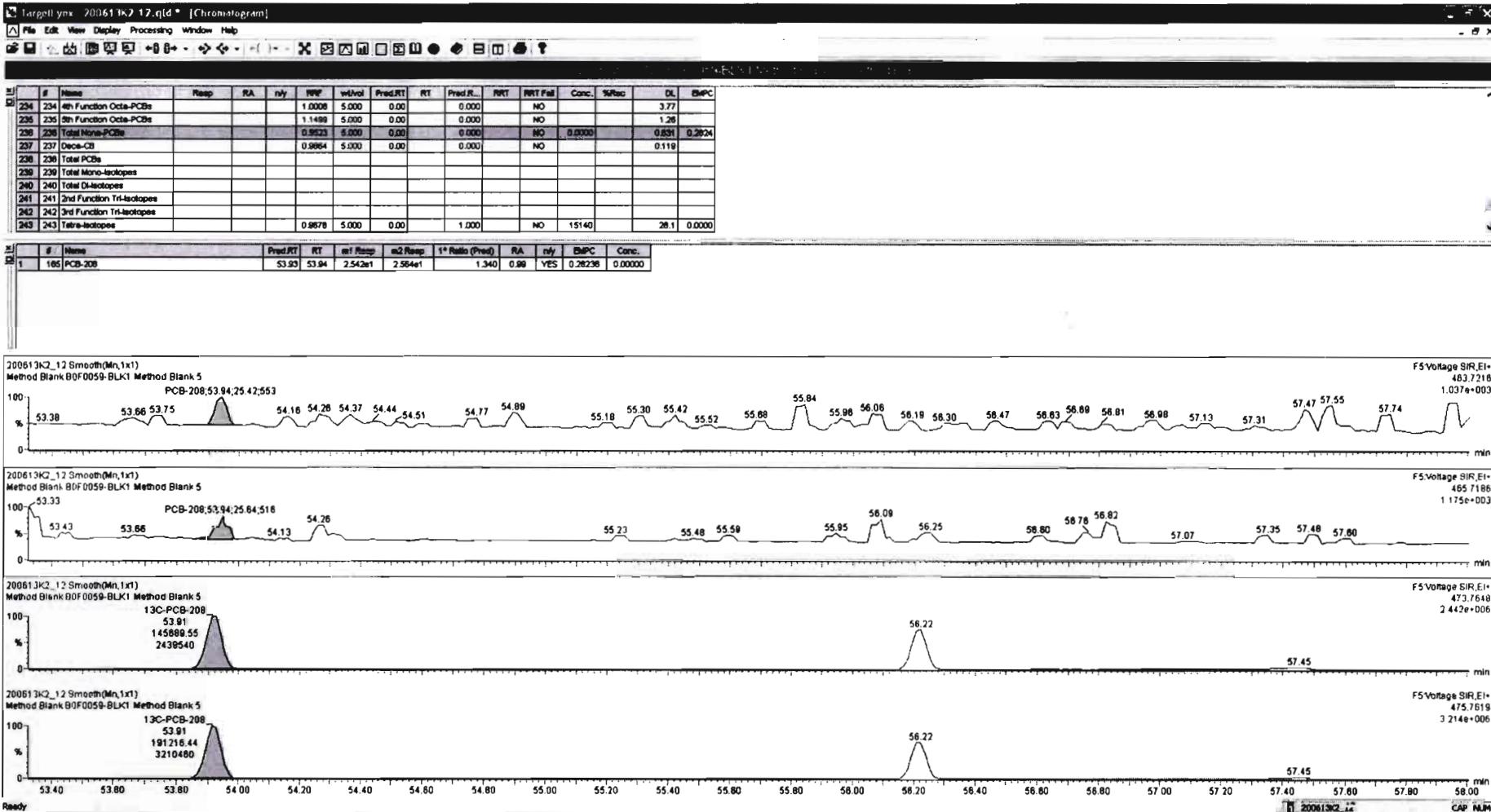
200613K2\_12



**PFK5**

200613K2\_12





Dataset: Untitled

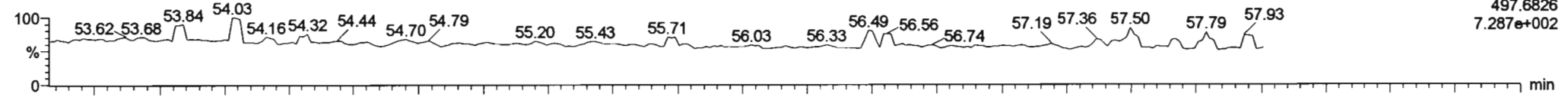
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

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

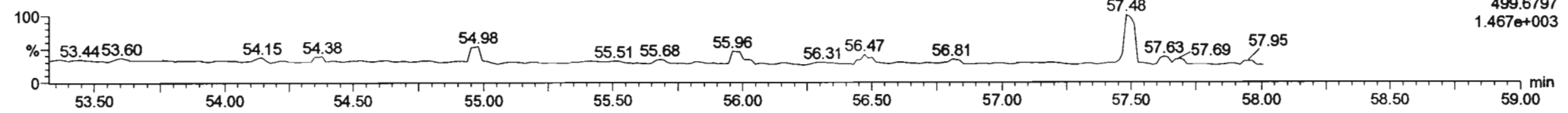
Name: 200613K2\_12, Date: 14-Jun-2020, Time: 01:56:17, ID: B0F0059-BLK1 Method Blank 5, Description: Method Blank

**PCB-209**

200613K2\_12

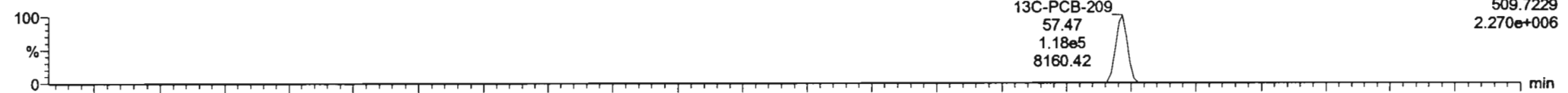


200613K2\_12

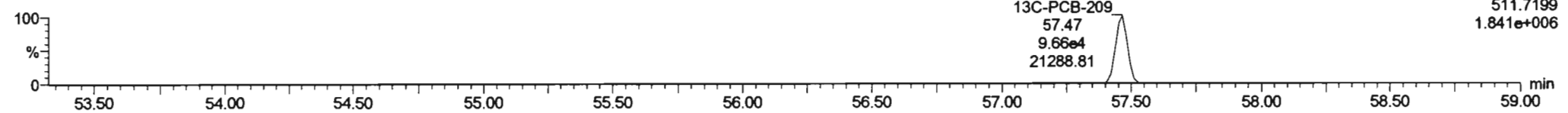


**13C-PCB-209**

200613K2\_12

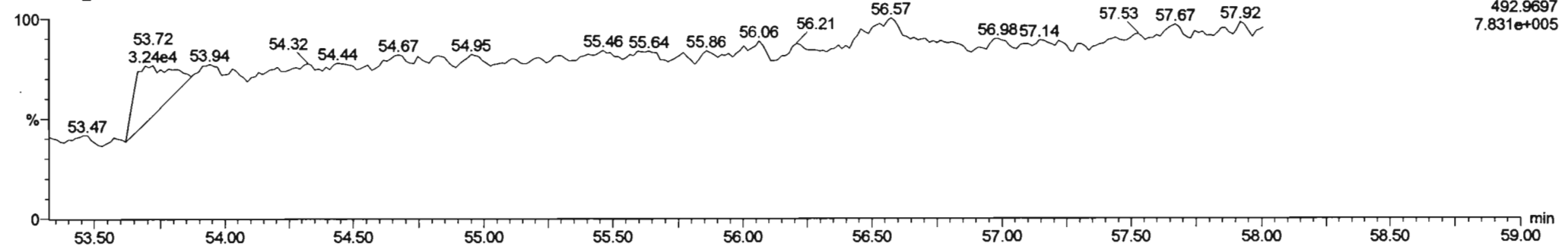


200613K2\_12



**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

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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

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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

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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	

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#	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

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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

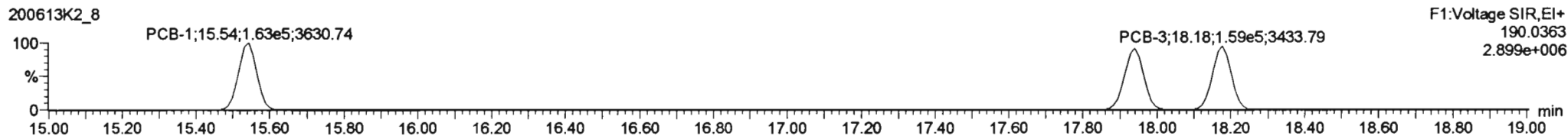
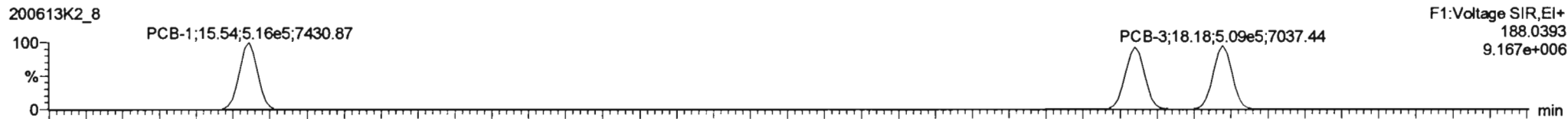
#	Name	Resp	RA	rv	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.26e6	1.58	NO	1.00	5.000	25.51	25.50	1.000	0.000	NO	2000	100	0.629	
214	2... 13C-PCB-31	9.94e5	1.06	NO	1.00	5.000	28.64	28.64	1.000	0.000	NO	2000	100	10.1	
215	2... 13C-PCB-60	6.67e5	0.80	NO	1.00	5.000	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

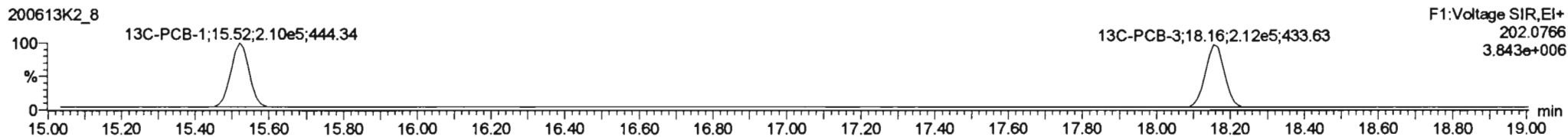
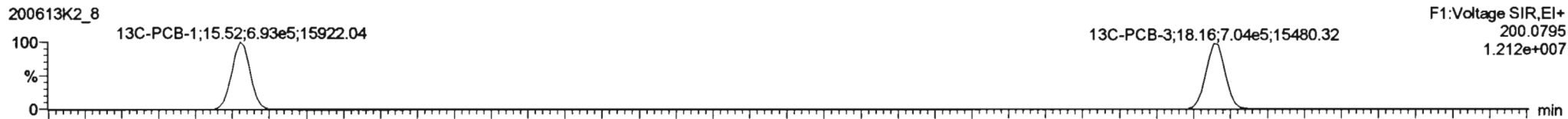
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Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

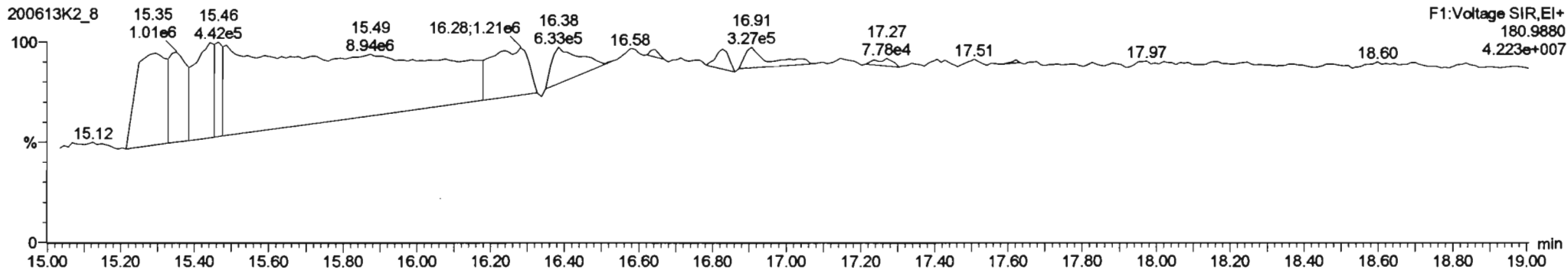
**PCB-1**



**13C-PCB-1**



**PFK1**

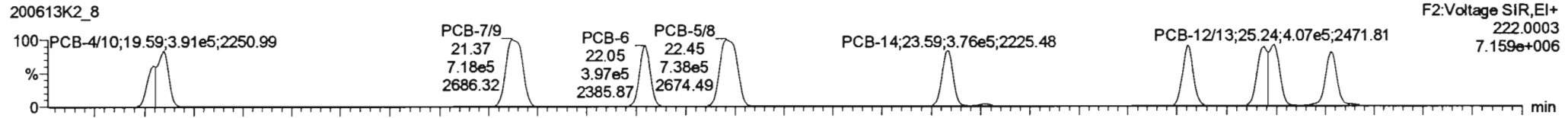


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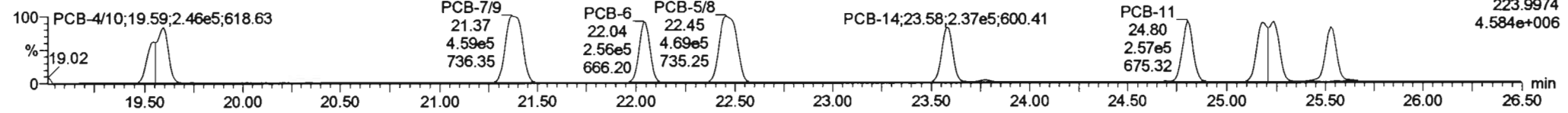
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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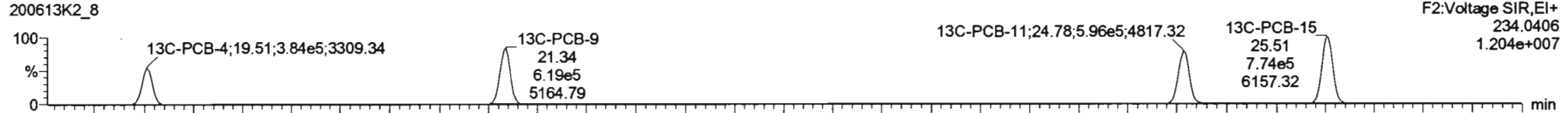
**PCB-4/10**



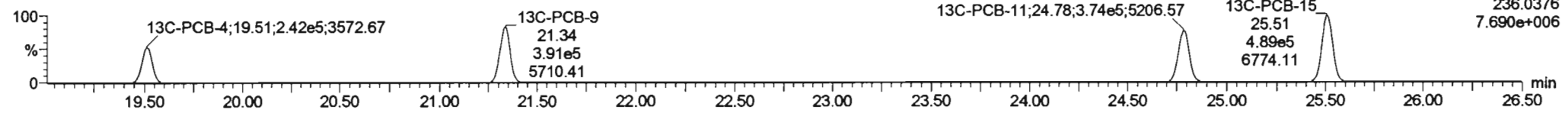
200613K2\_8



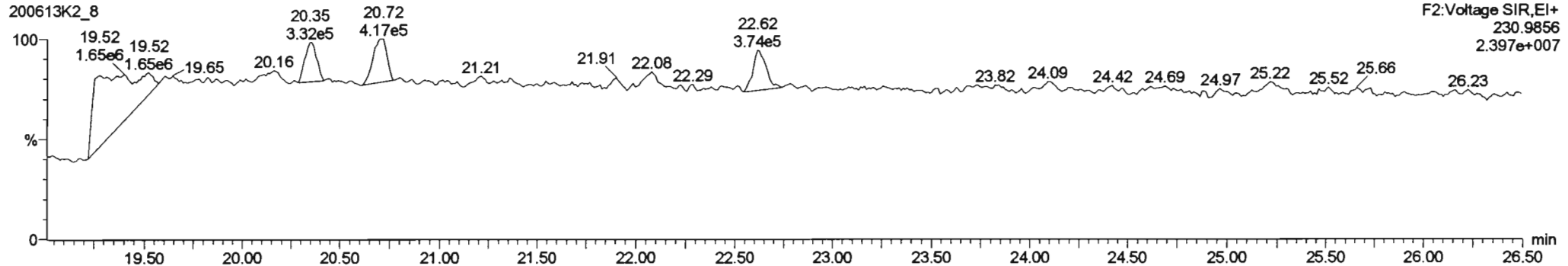
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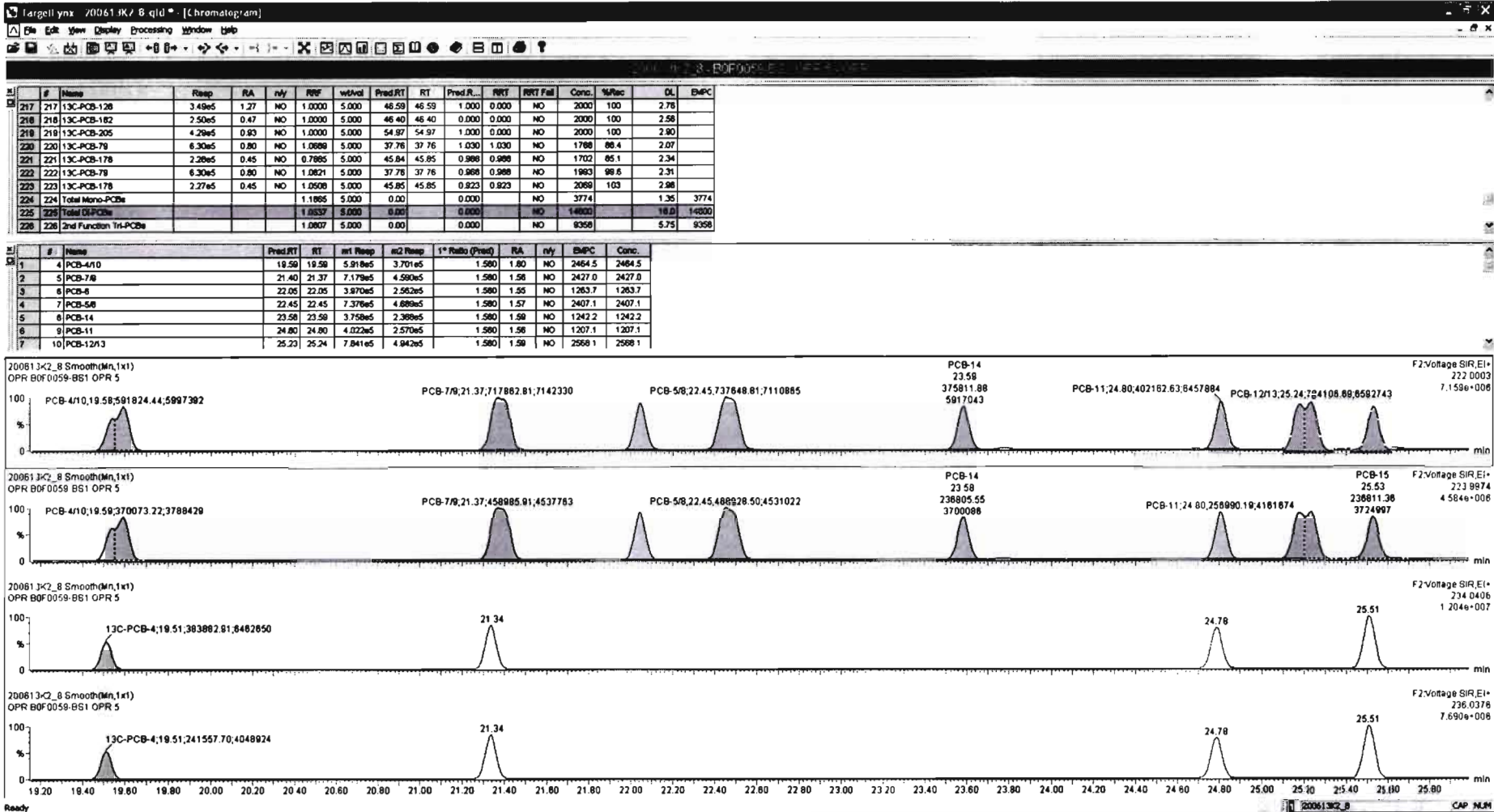
200613K2\_8



**PFK2a**





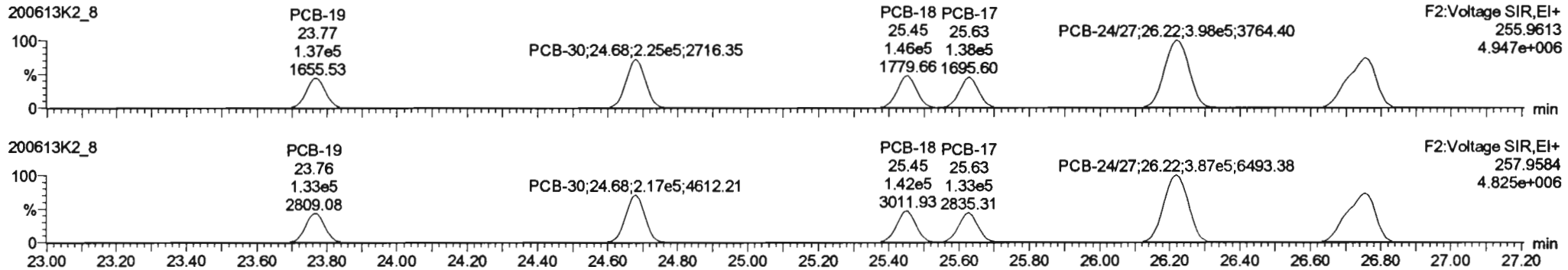


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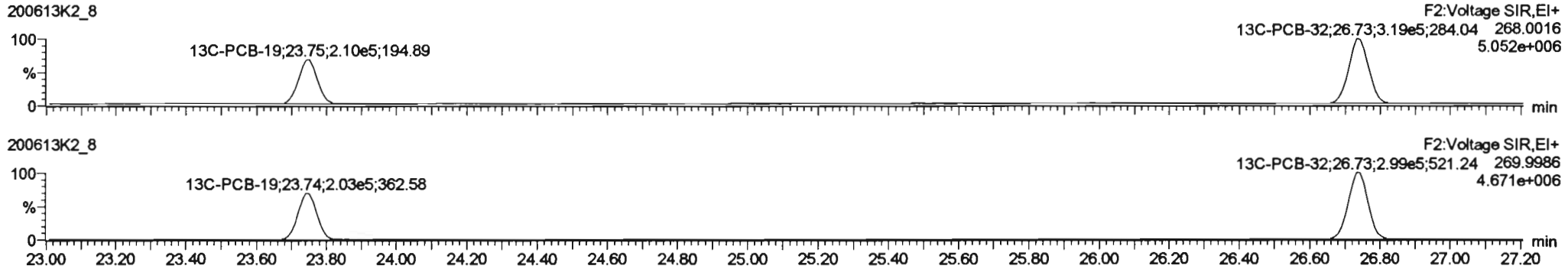
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

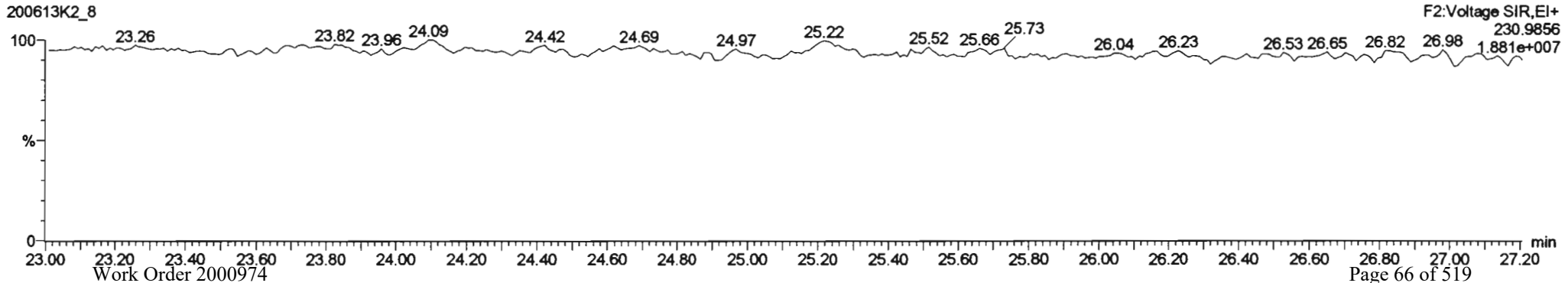
**PCB-19**



**13C-PCB-19**



**PFK2b**

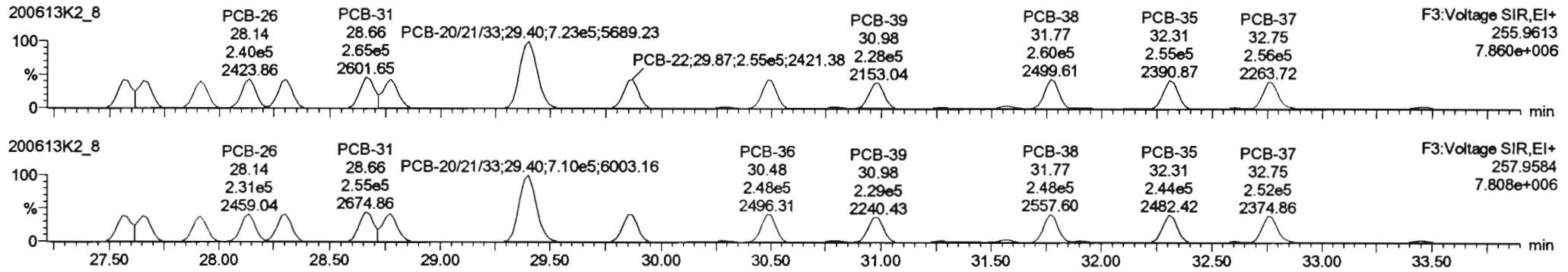


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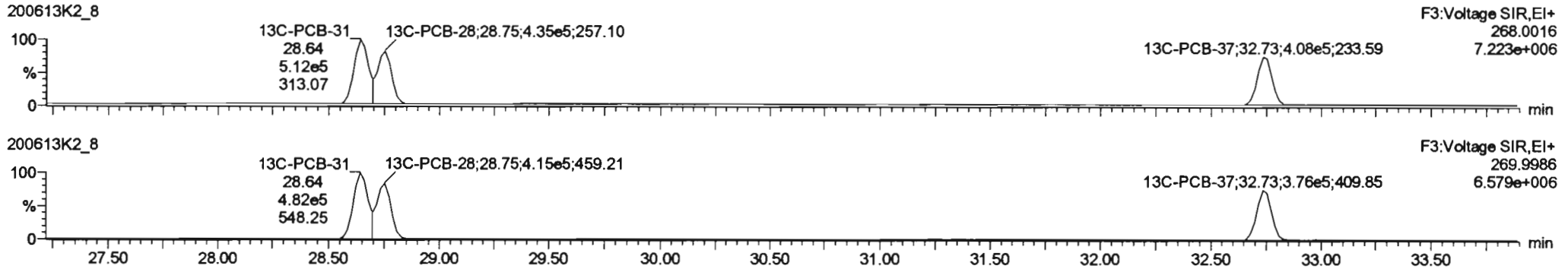
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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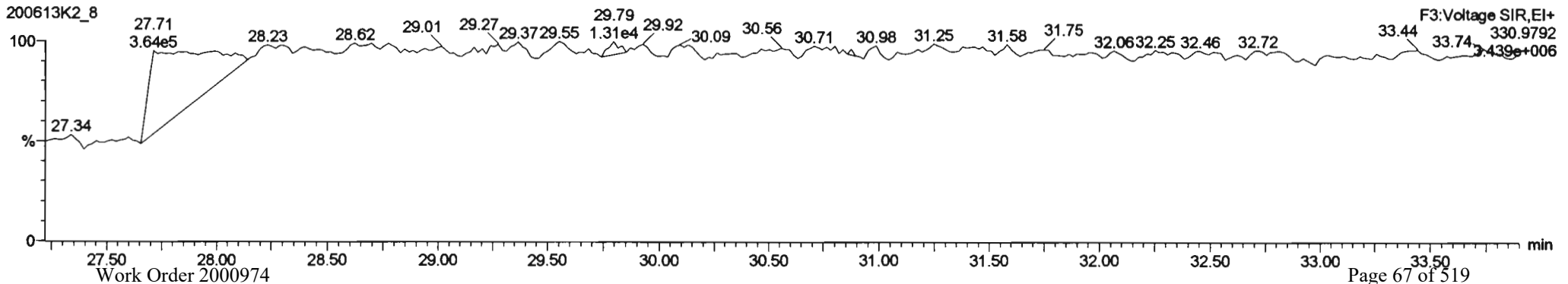
**PCB-34**



**13C-PCB-28**



**PFK3d**

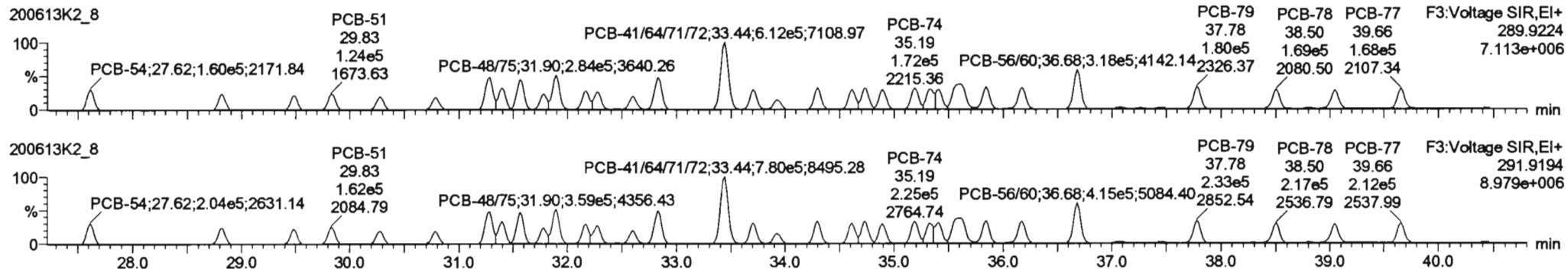


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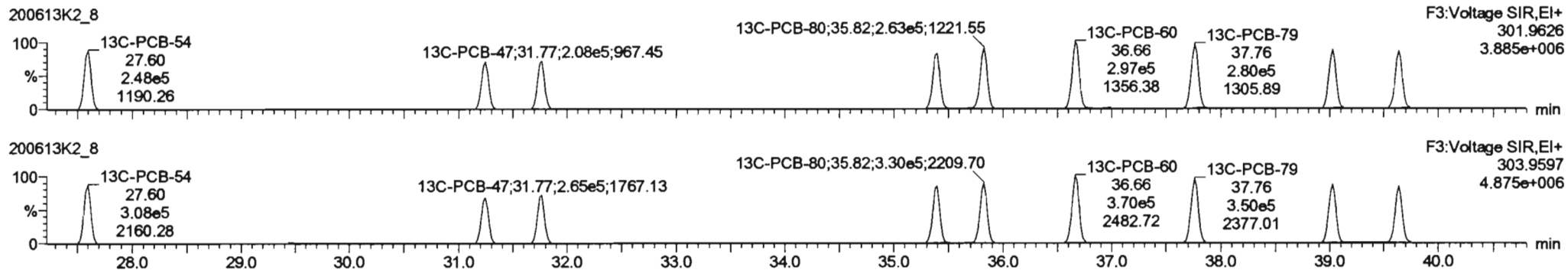
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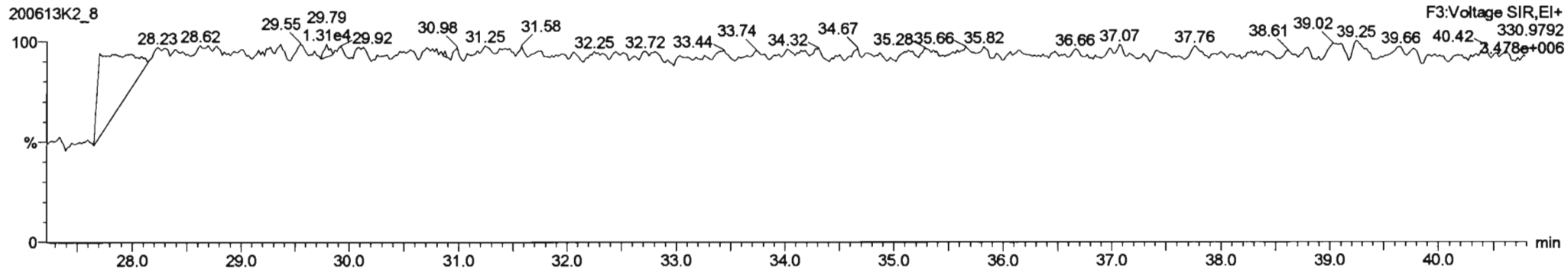
**PCB-54**



**13C-PCB-54**



**PFK3a**



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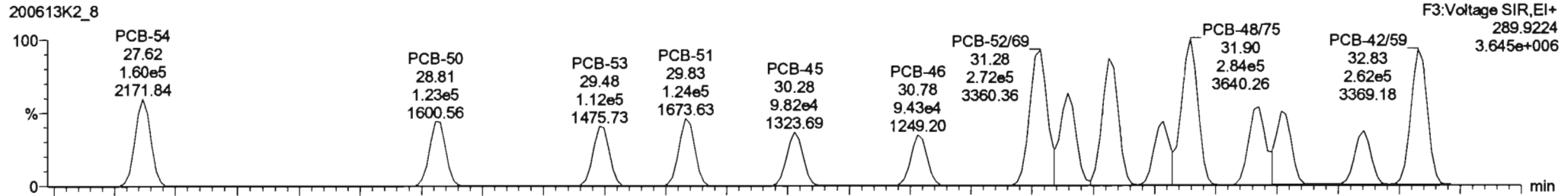
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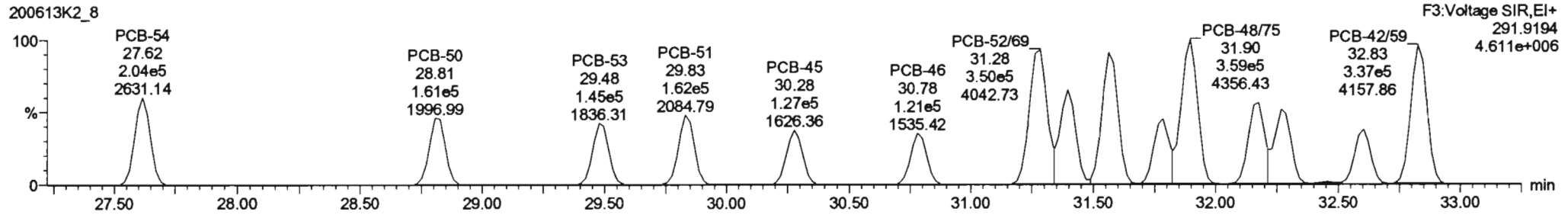
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**PCB-50**

200613K2\_8

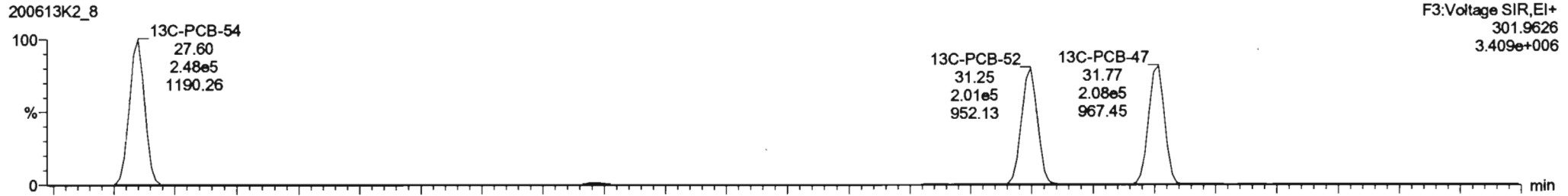


200613K2\_8

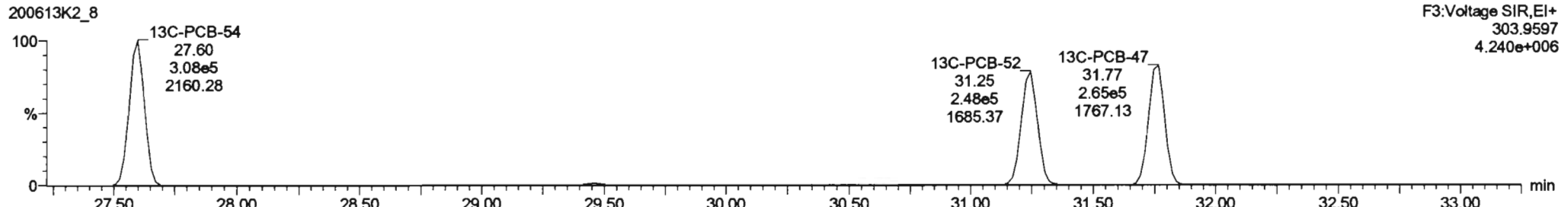


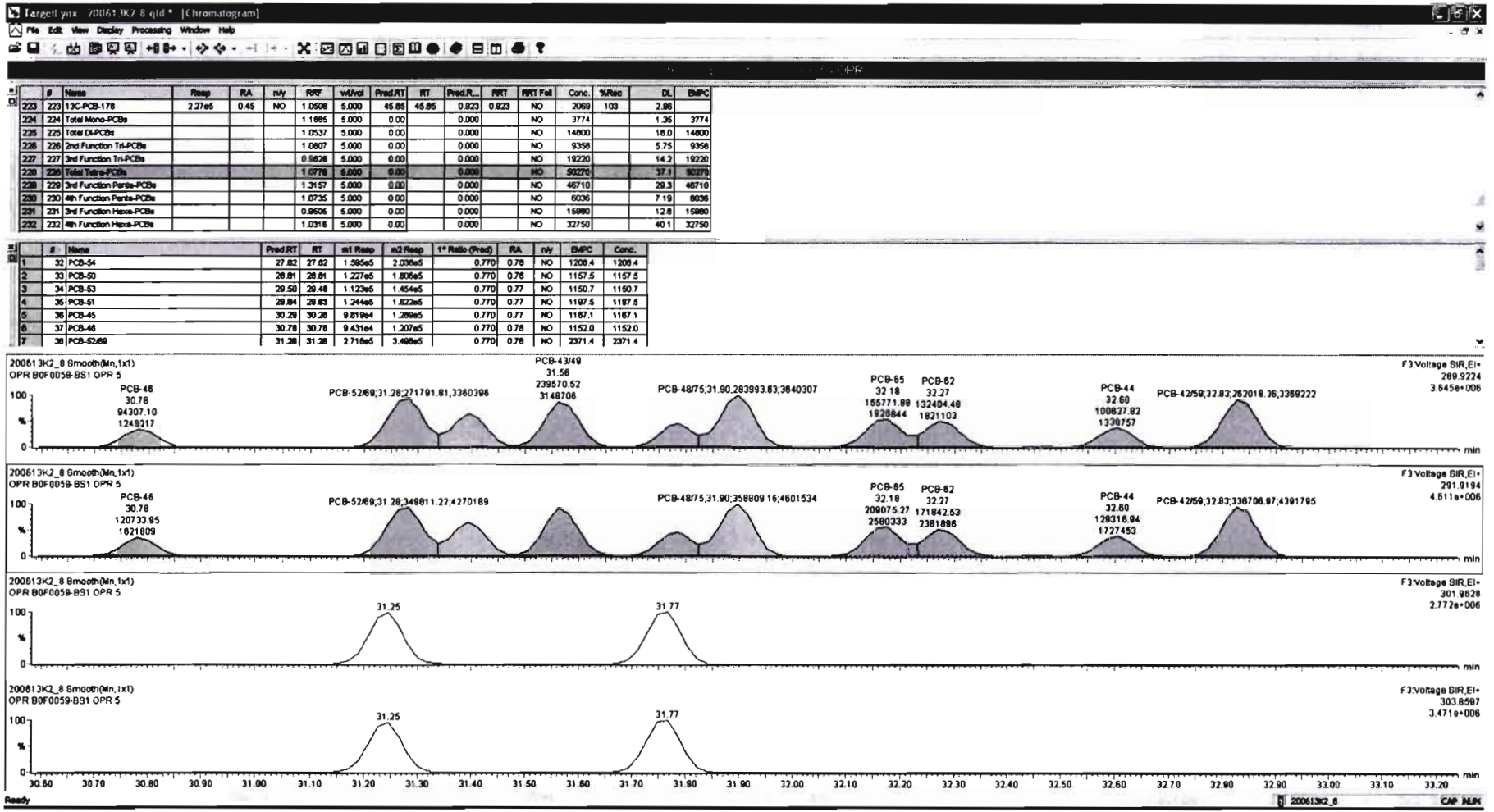
**13C-PCB-52**

200613K2\_8



200613K2\_8





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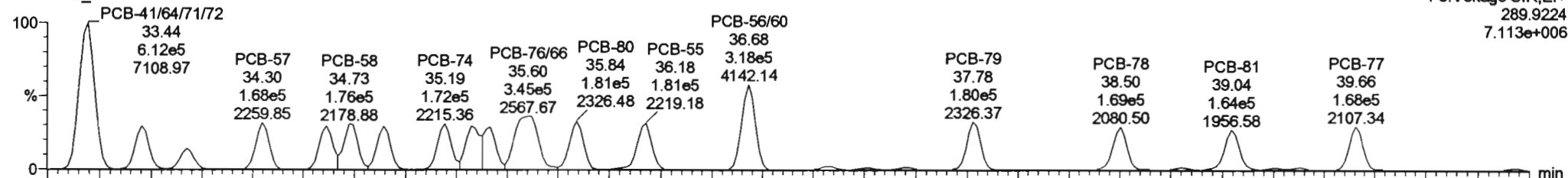
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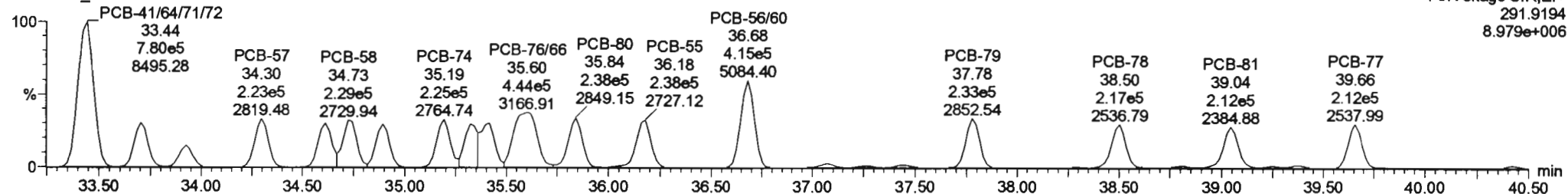
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**PCB-68**

200613K2\_8

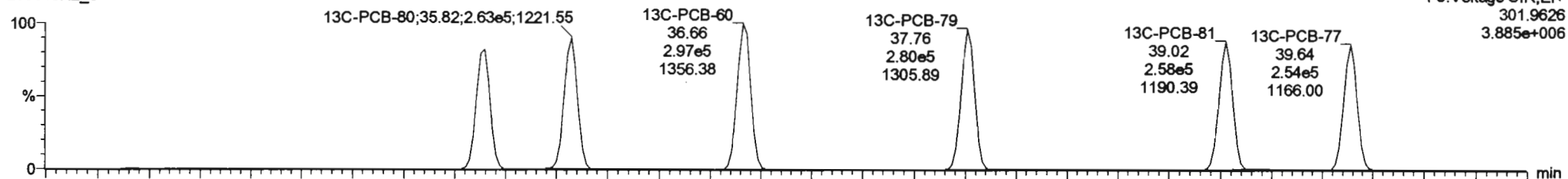


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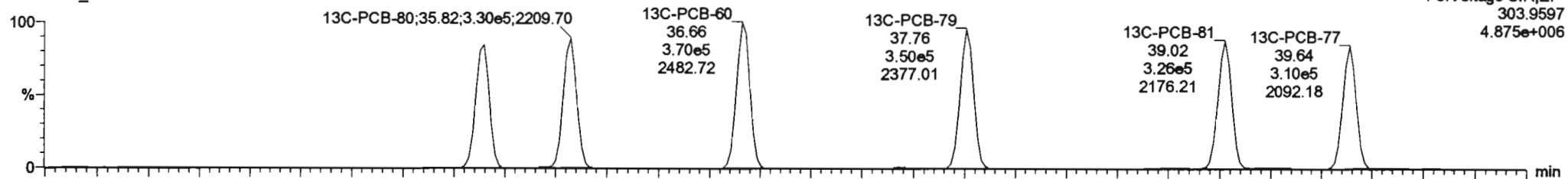


**13C-PCB-60**

200613K2\_8

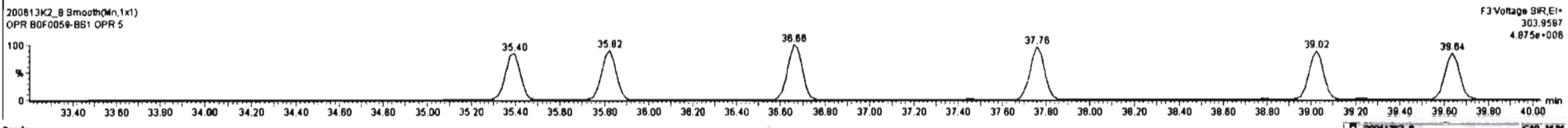
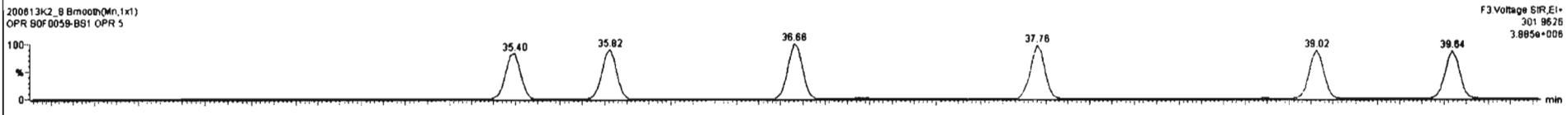
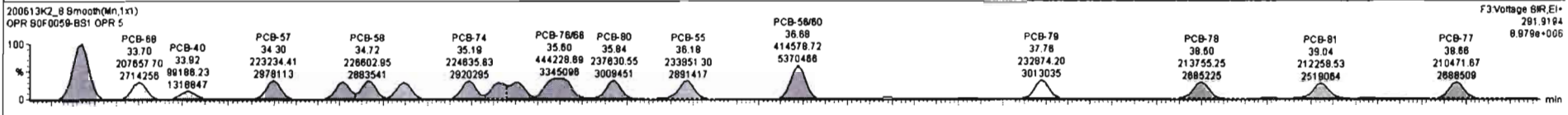
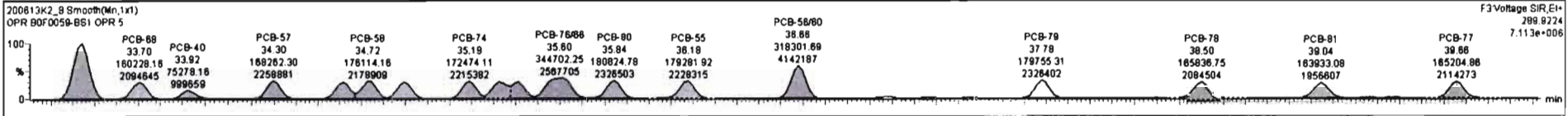


200613K2\_8



#	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				NO	3774		1.35	3774
225	Total Di-PCBs				1.0537	5.000	0.000				NO	14800		18.0	14800
226	2nd Function Tri-PCBs				1.0807	5.000	0.000				NO	9358		5.75	9358
227	3rd Function Tri-PCBs				0.9828	5.000	0.000				NO	18220		14.2	18220
228	Total Tetra-PCBs				1.6778	5.000	0.000				NO	60270		37.1	60270
229	3rd Function Penta-PCBs				1.3157	5.000	0.000				NO	46710		29.3	46710
230	4th Function Penta-PCBs				1.0735	5.000	0.000				NO	6036		7.19	6036
231	3rd Function Hexa-PCBs				0.9505	5.000	0.000				NO	15980		12.8	15980
232	4th Function Hexa-PCBs				1.0316	5.000	0.000				NO	32750		40.1	32750

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.82	27.82	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	1187.1	1187.1
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



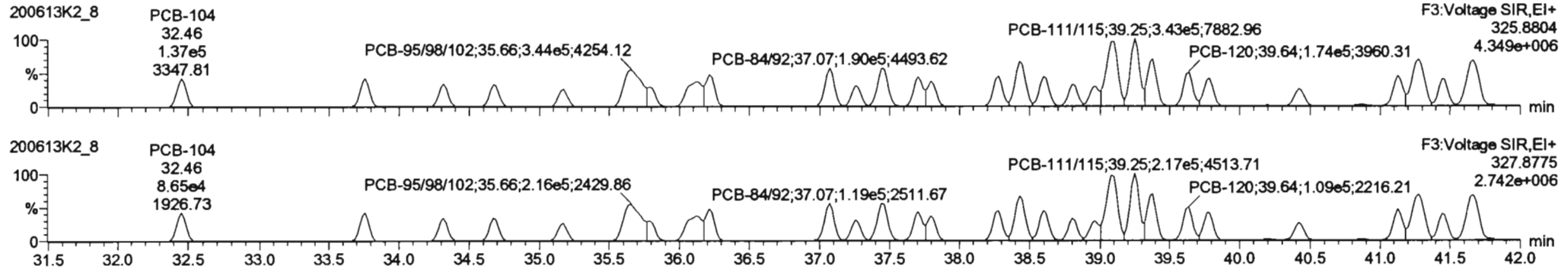


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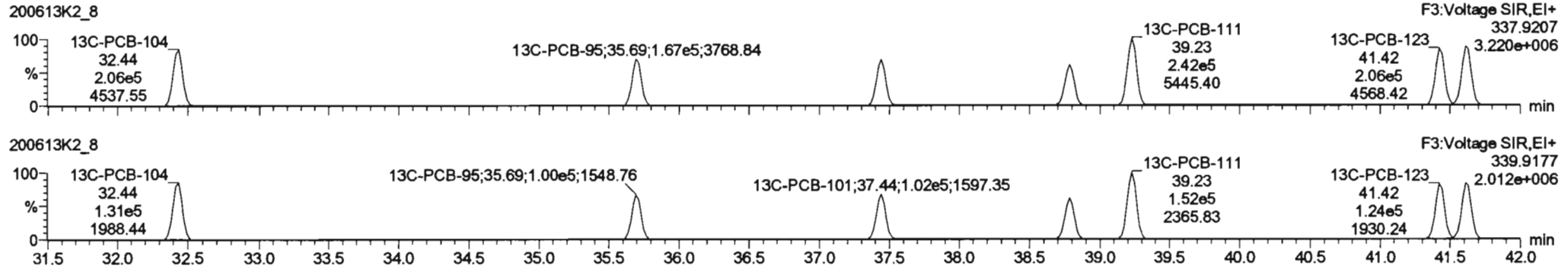
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

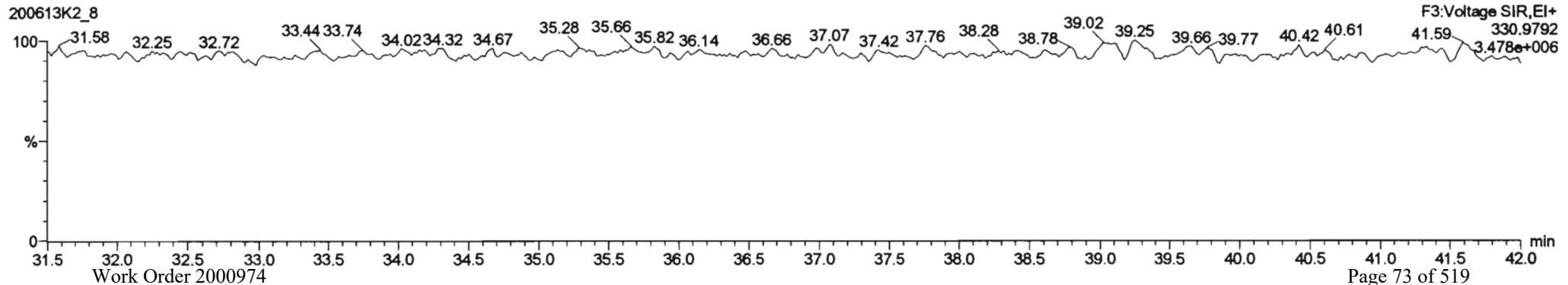
**PCB-104**



**13C-PCB-104**



**PFK3b**



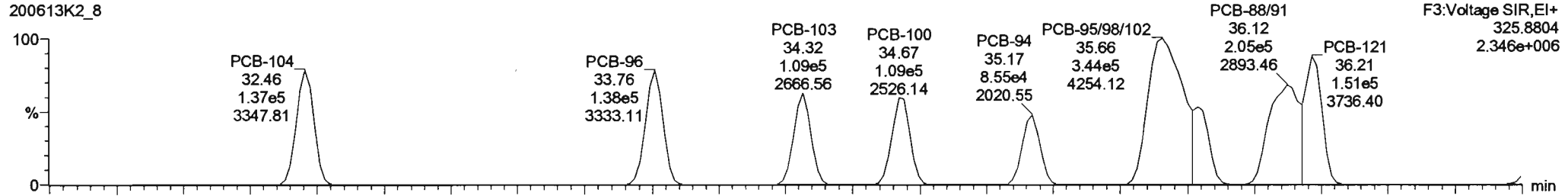
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

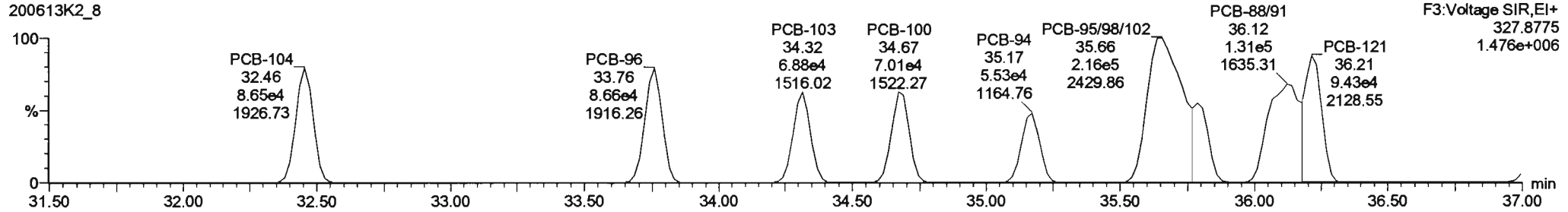
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-96**

200613K2\_8

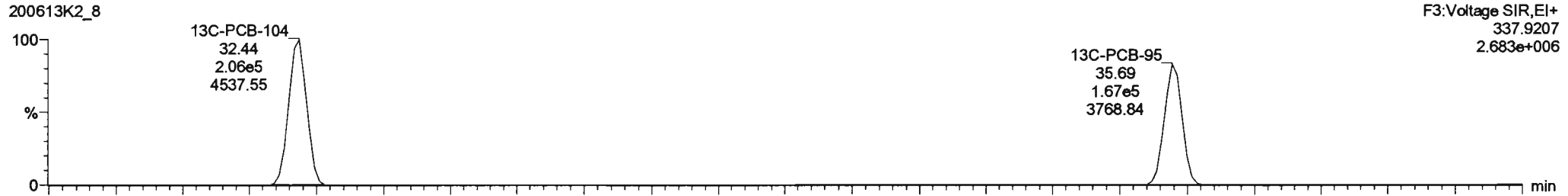


200613K2\_8

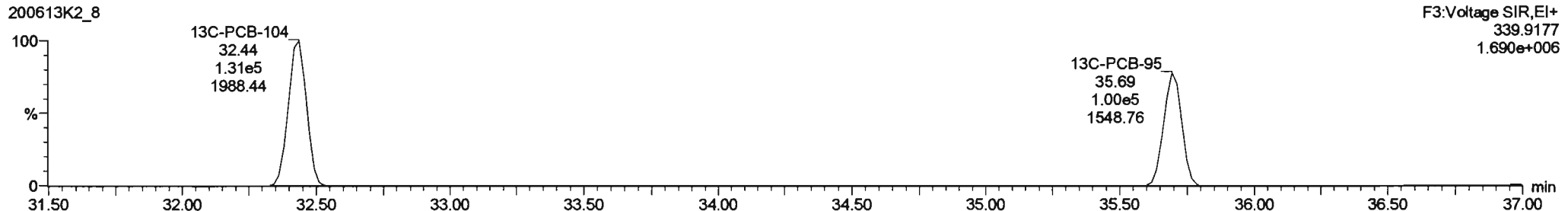


**13C-PCB-95**

200613K2\_8



200613K2\_8



Dataset: Untitled

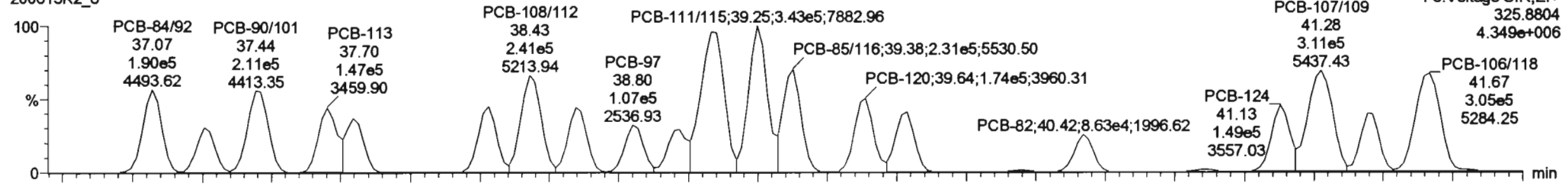
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

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

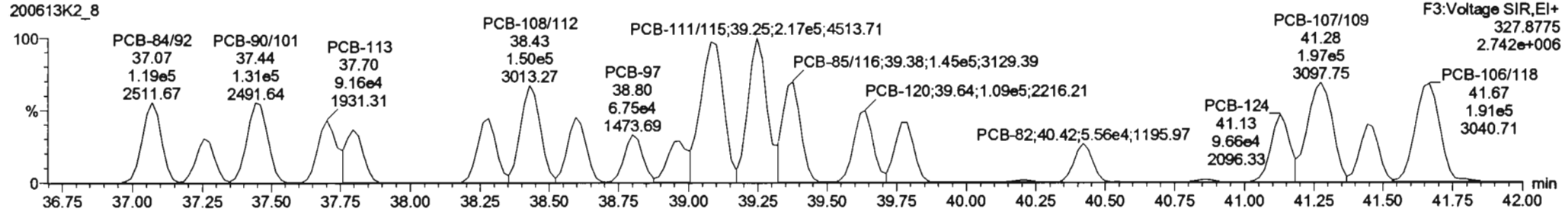
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

PCB-119

200613K2\_8

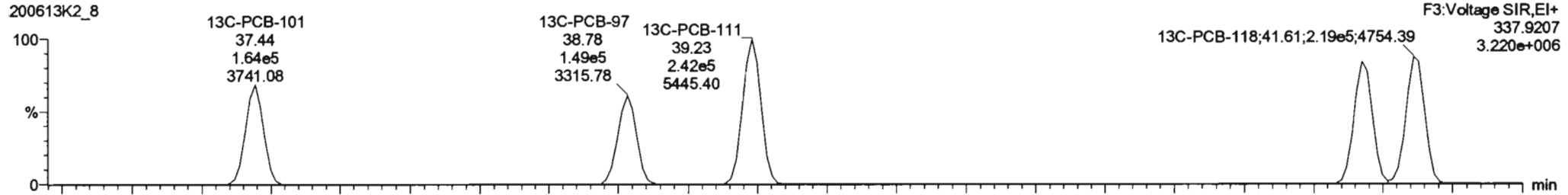


200613K2\_8

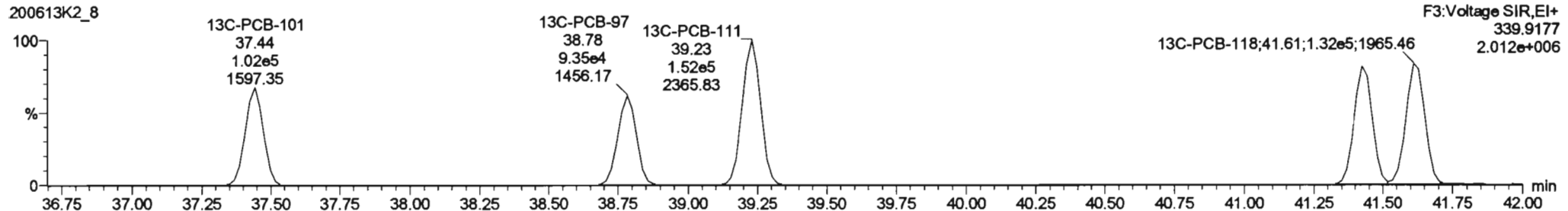


13C-PCB-111

200613K2\_8

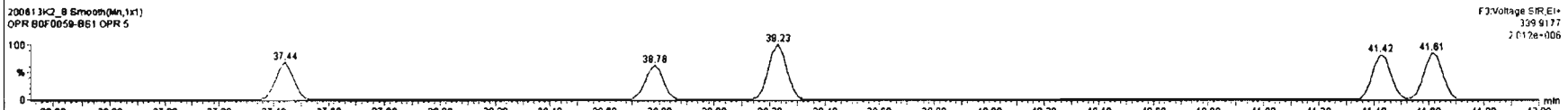
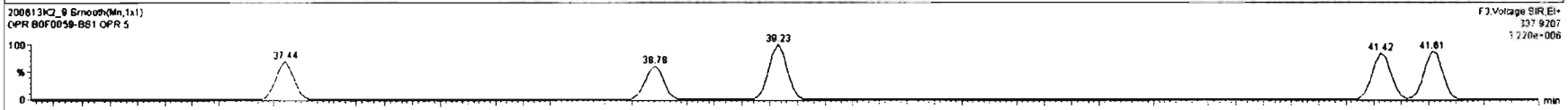
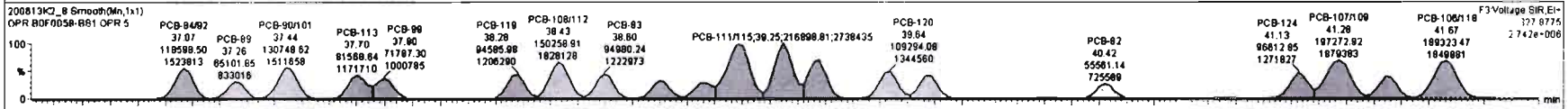


200613K2\_8



#	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	Std Resp	Std 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	88 PCB-103	34.34	34.32	1.091e5	8.880e4	1.580	1.58	NO	1128.1	1128.1
4	67 PCB-100	34.88	34.87	1.088e5	7.007e4	1.580	1.55	NO	1112.7	1112.7
5	88 PCB-84	35.18	35.17	8.548e4	5.531e4	1.580	1.55	NO	1107.9	1107.9
6	88 PCB-85/88/102	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

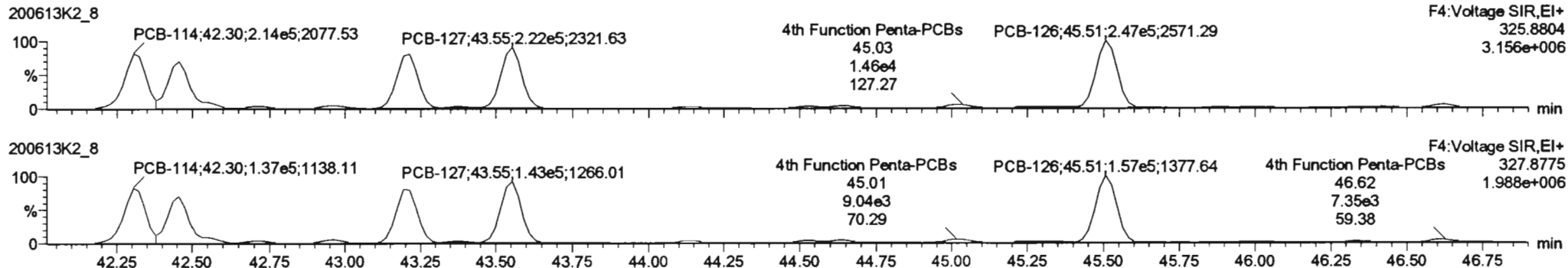


Dataset: Untitled

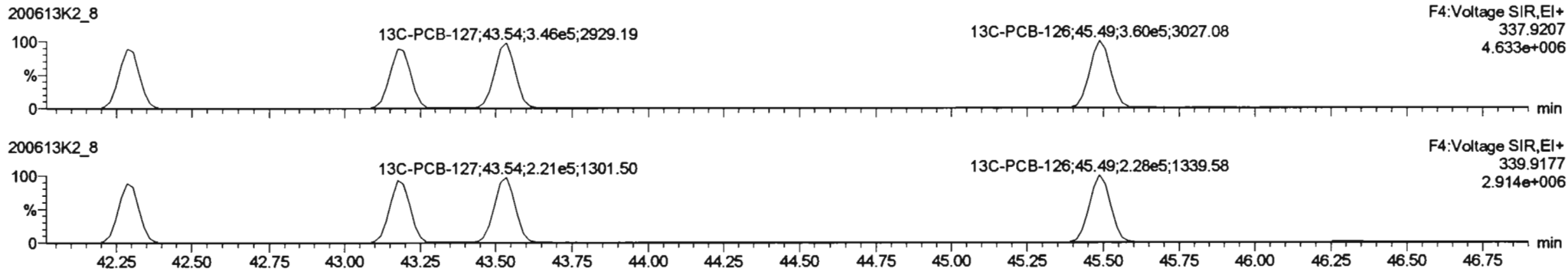
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

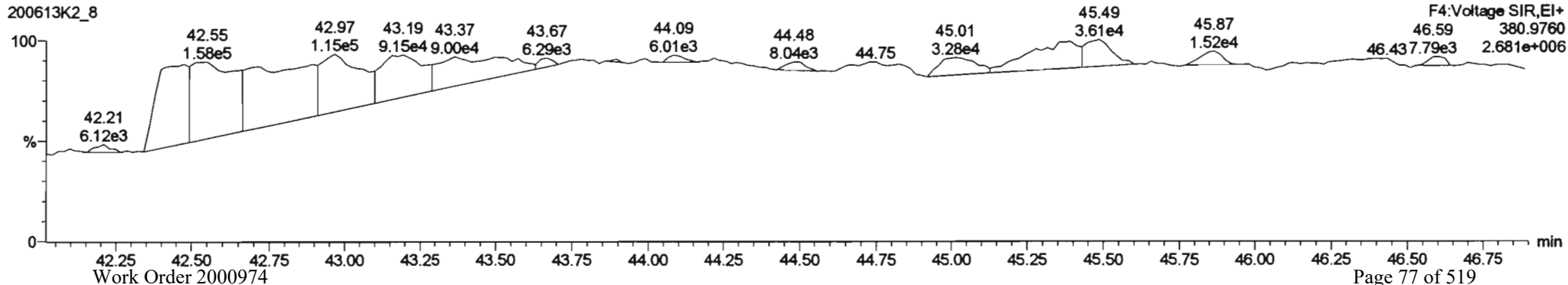
**PCB-114**

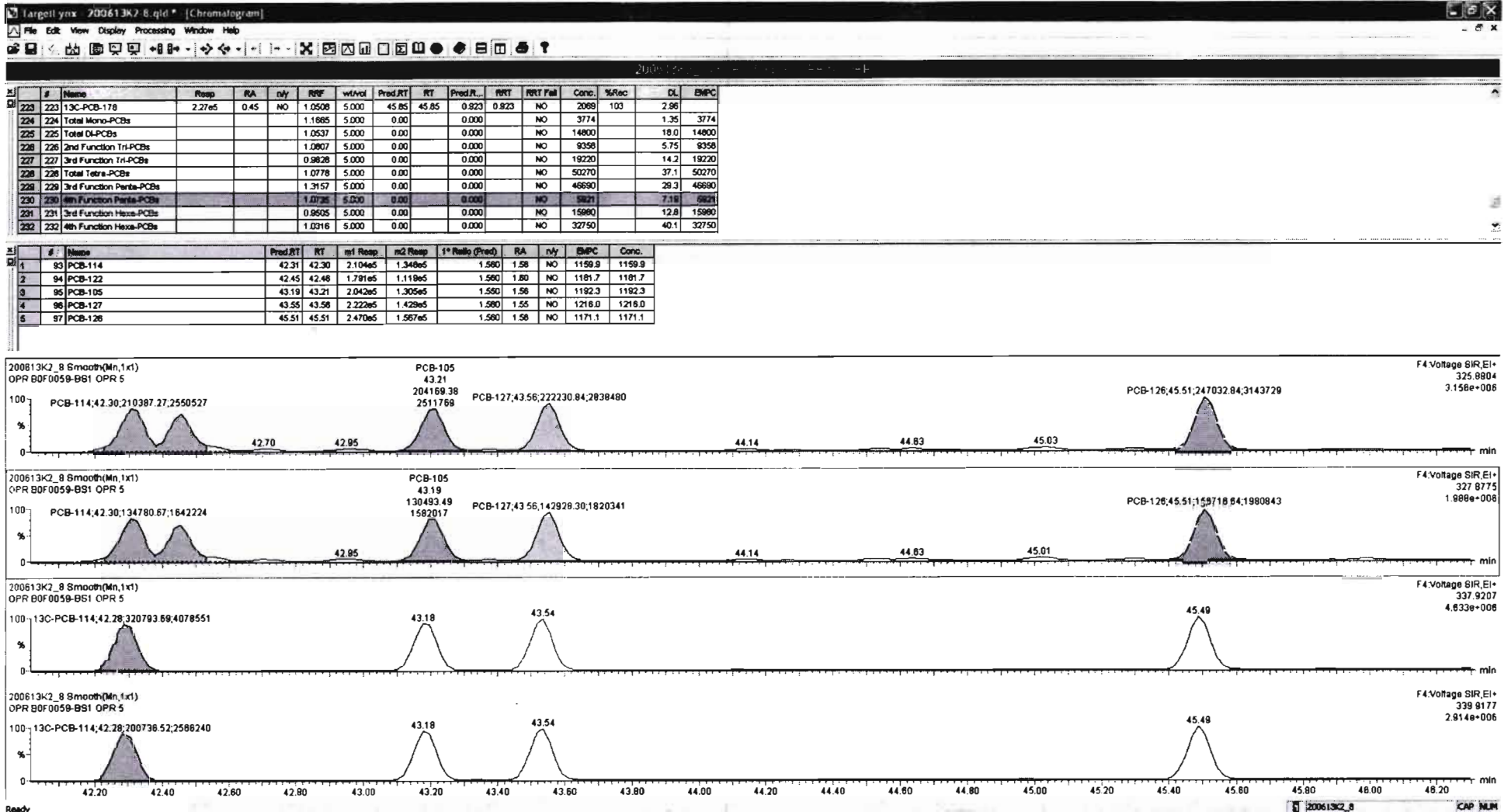


**13C-PCB-114**



**PFK4a**





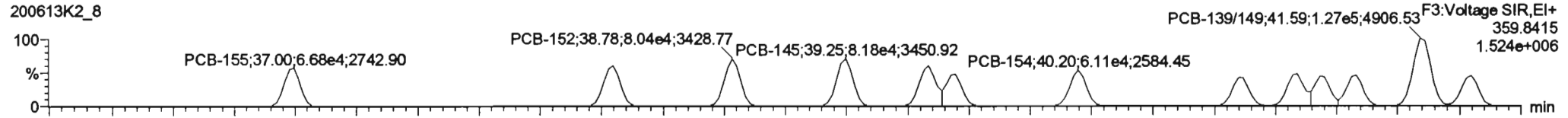
Dataset: Untitled

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

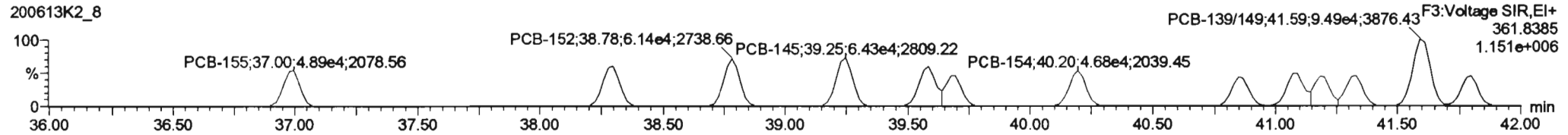
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-155**

200613K2\_8

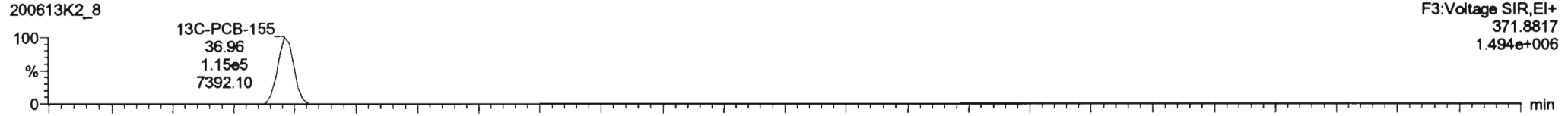


200613K2\_8

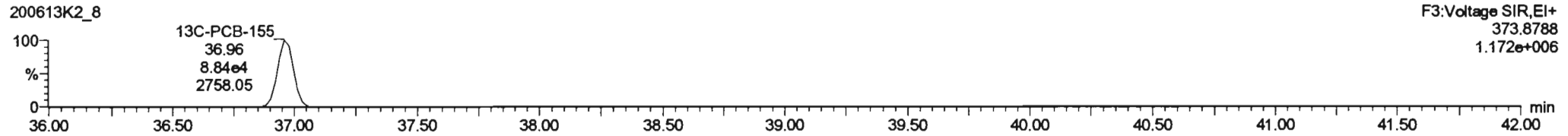


**13C-PCB-155**

200613K2\_8

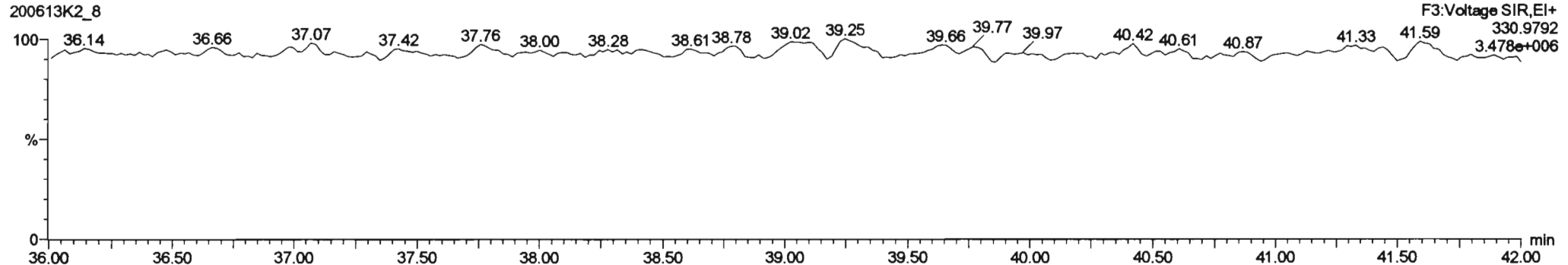


200613K2\_8



**PFK3c**

200613K2\_8

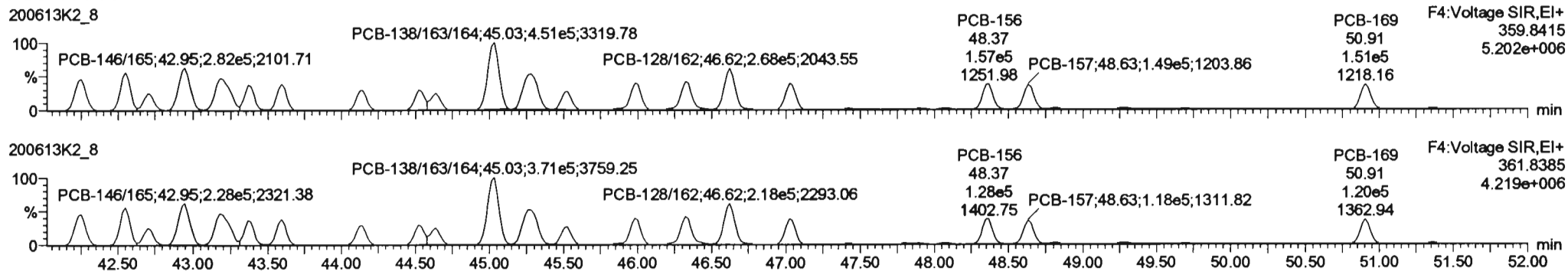


Dataset: Untitled

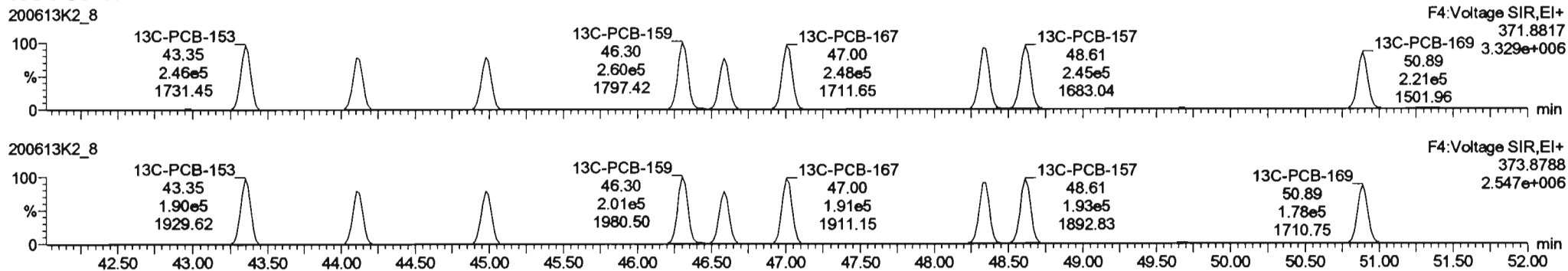
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

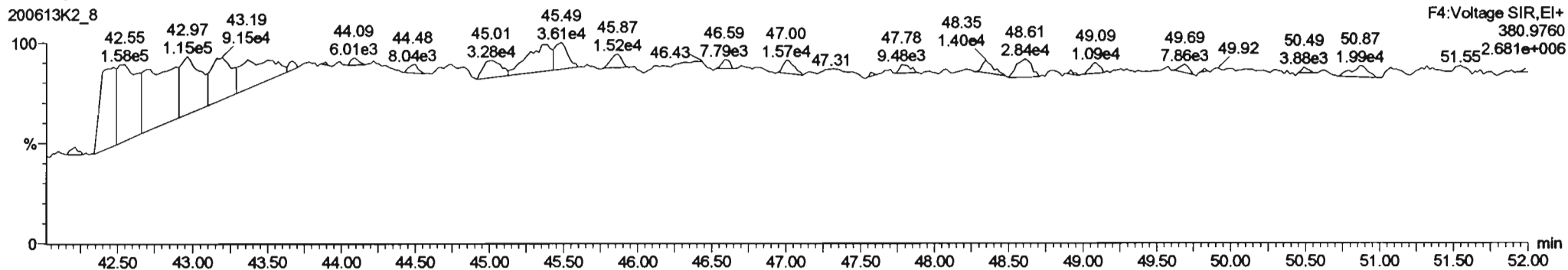
**PCB-134/143**



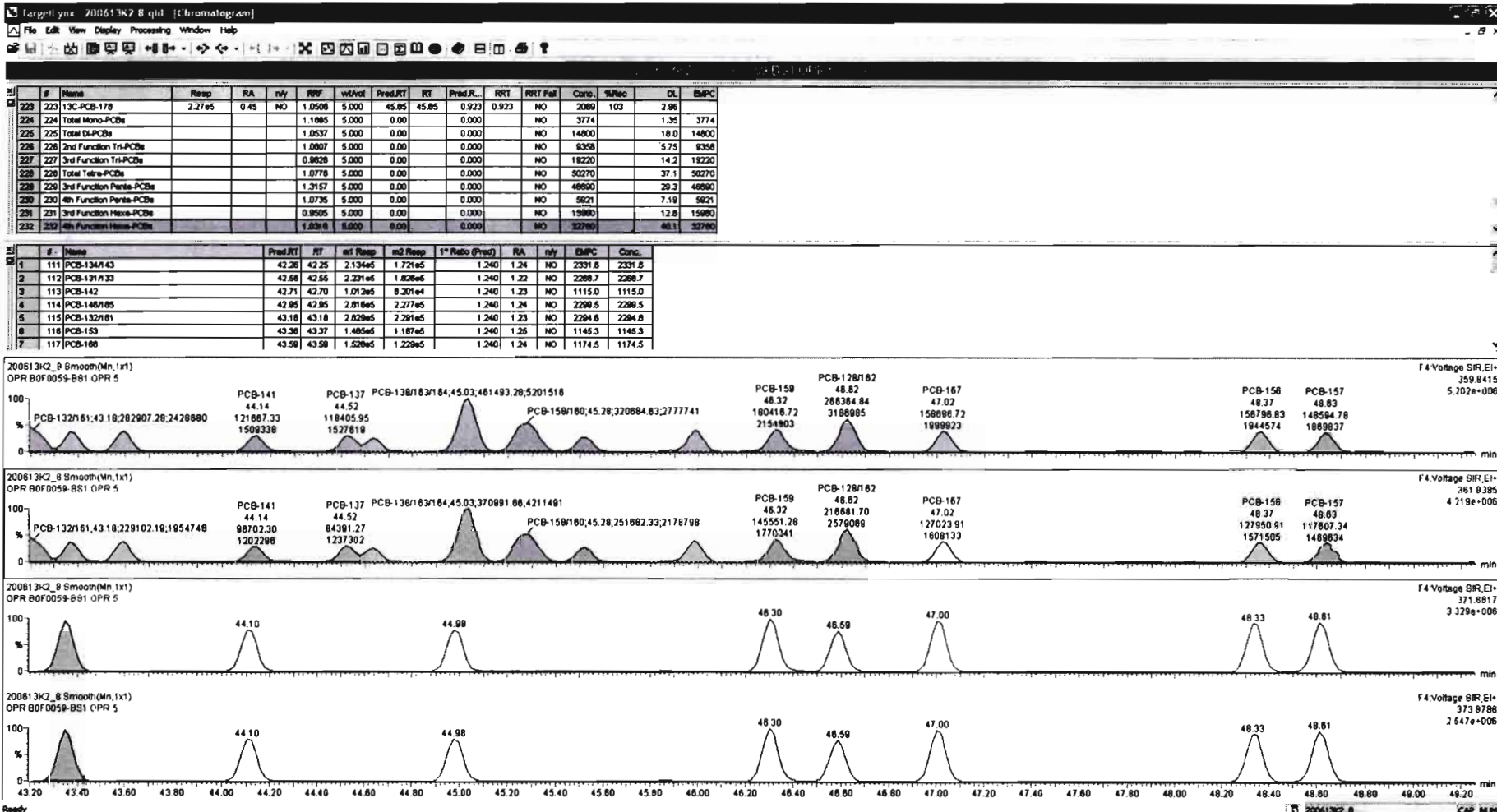
**13C-PCB-153**



**PFK4b**







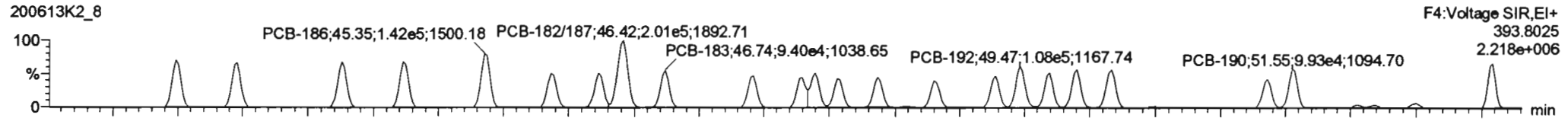
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

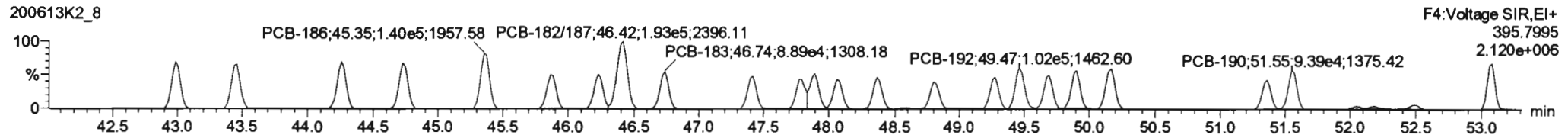
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-188**

200613K2\_8

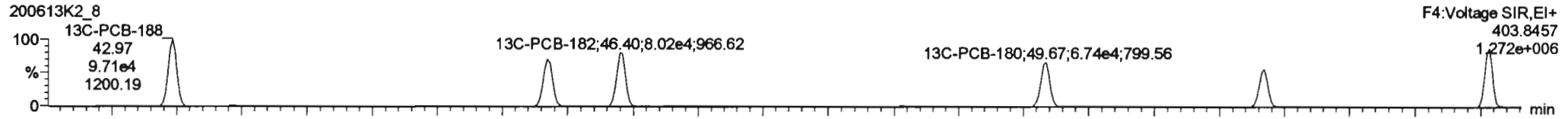


200613K2\_8

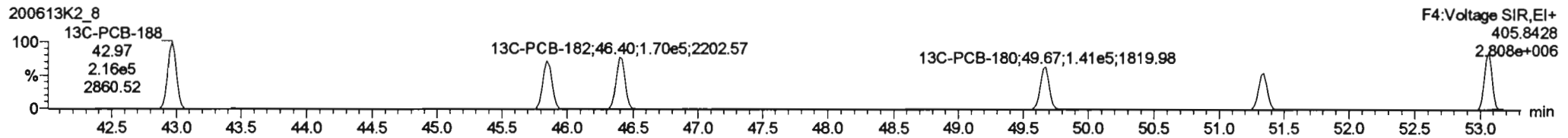


**13C-PCB-188**

200613K2\_8

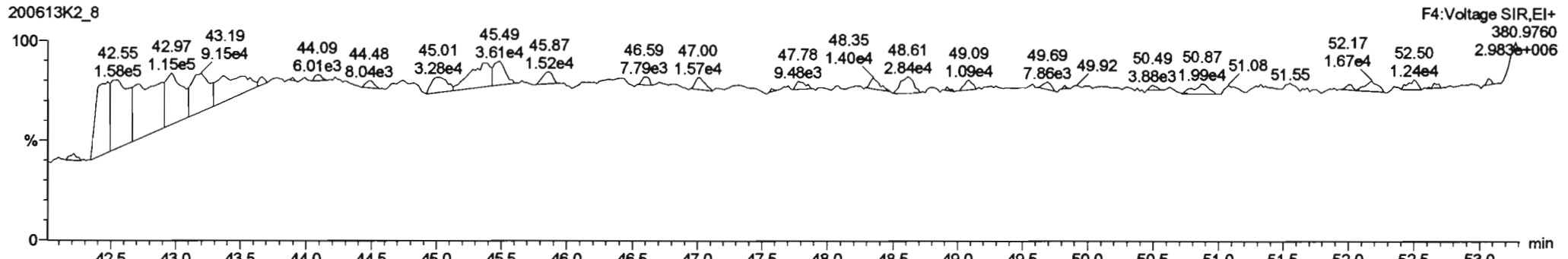


200613K2\_8



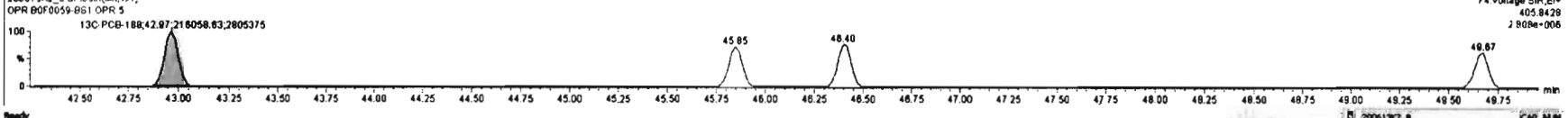
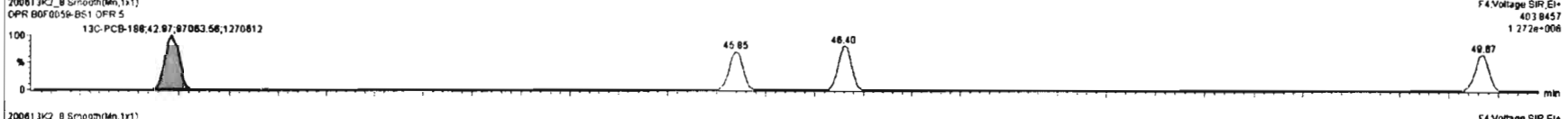
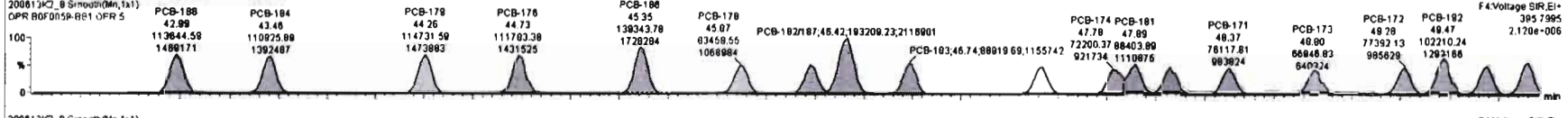
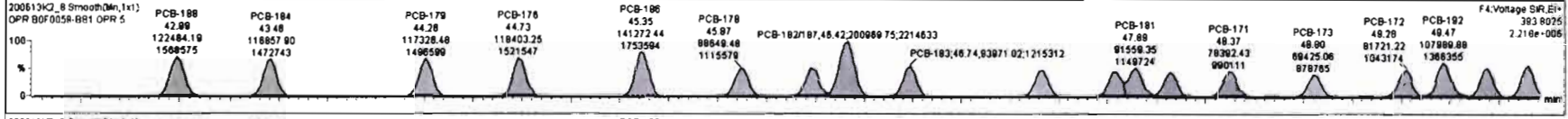
**PFK4c**

200613K2\_8



#	Name	Resp	RA	n/y	R/R	WtAve	Prod RT	RT	Prod RT	RRT	RRT Fat	Conc.	%Rec	DL	BMP
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	BMP	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

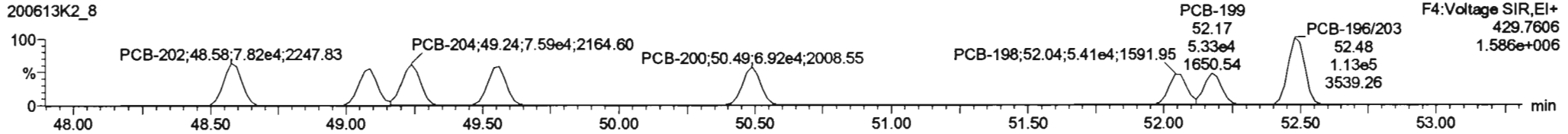
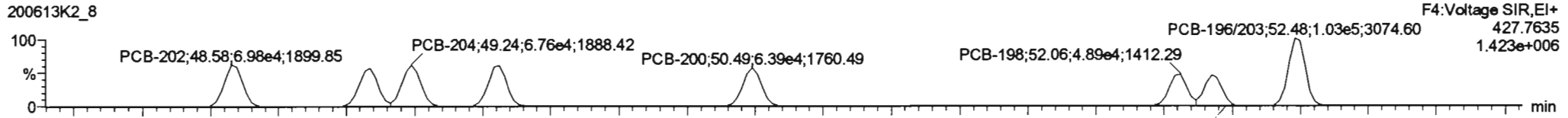


Dataset: Untitled

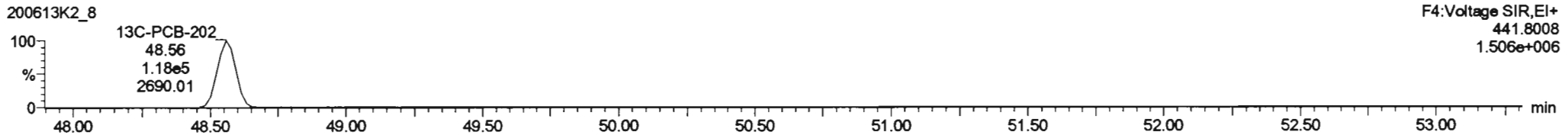
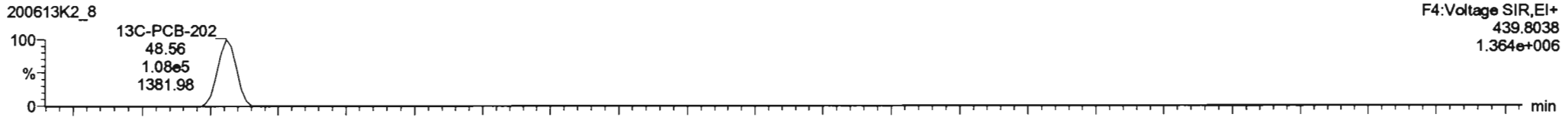
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

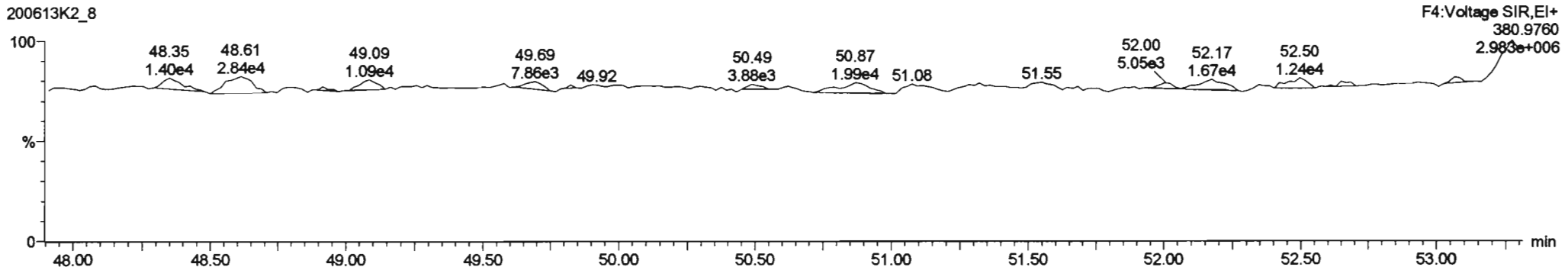
**PCB-202**



**13C-PCB-202**



**PFK4d**

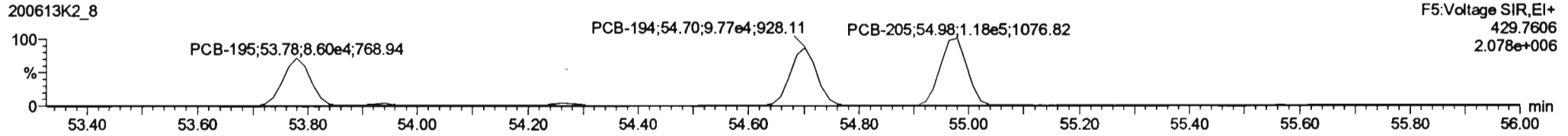
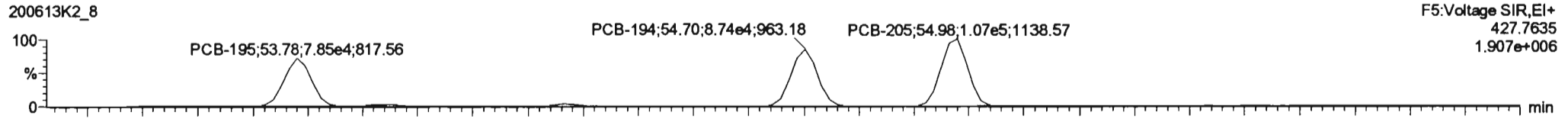


Dataset: Untitled

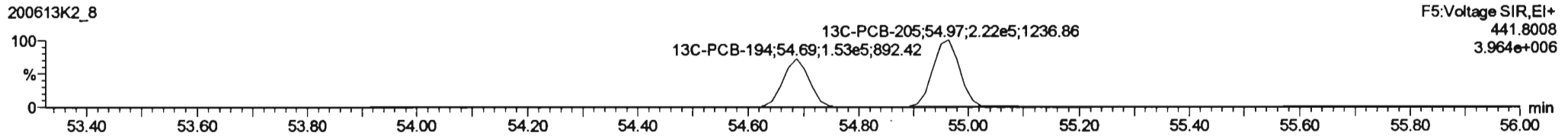
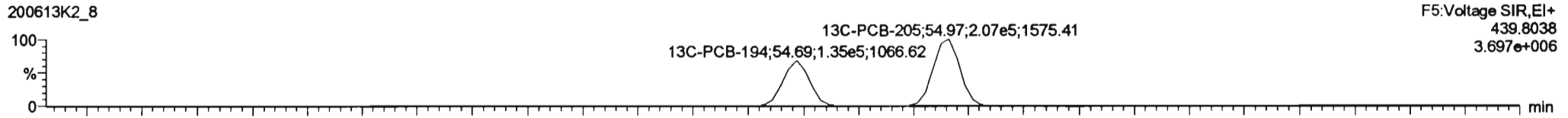
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

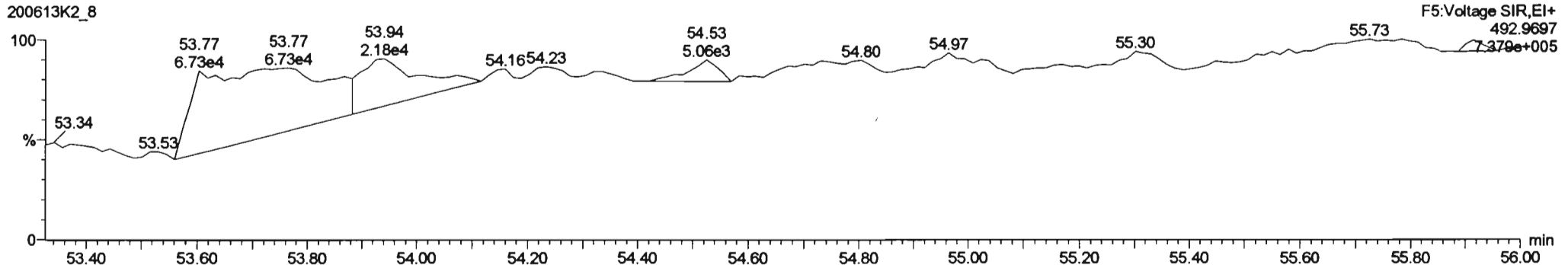
**PCB-195**



**13C-PCB-194**



**PFK5a**

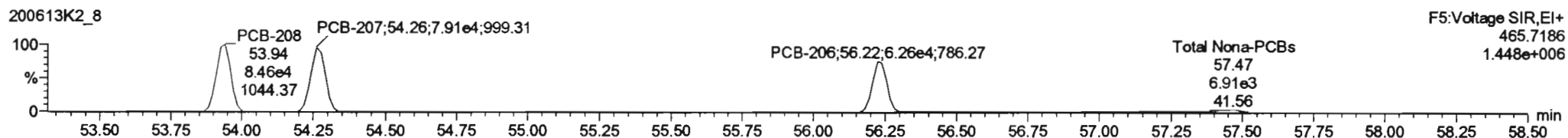
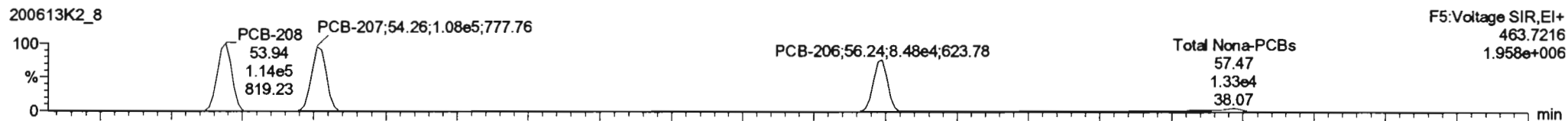


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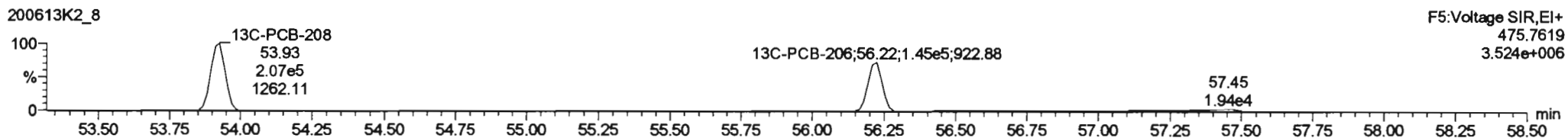
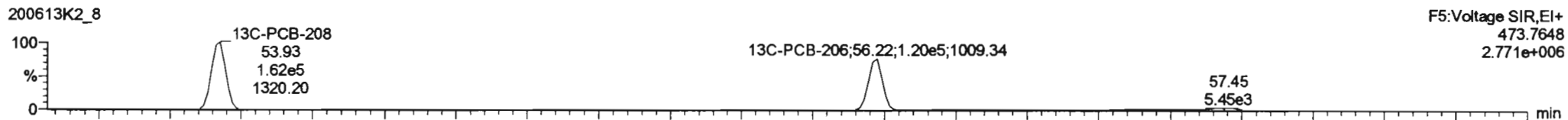
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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

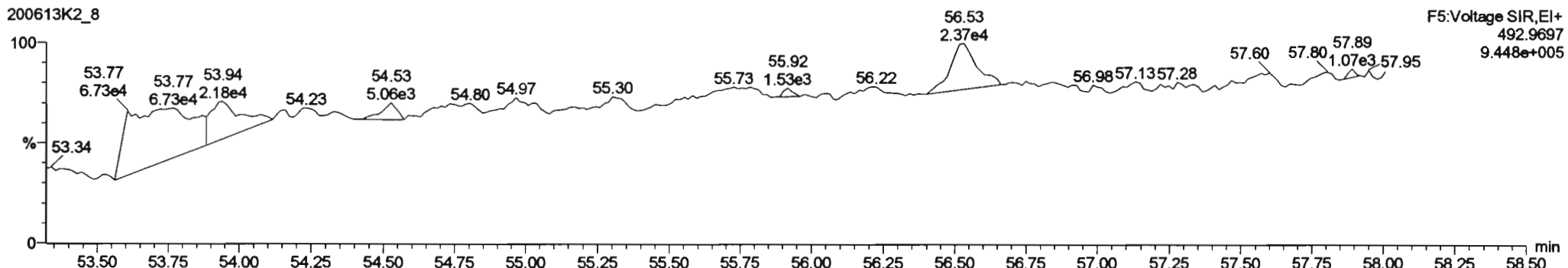
**PCB-208**



**13C-PCB-208**



**PFK5**



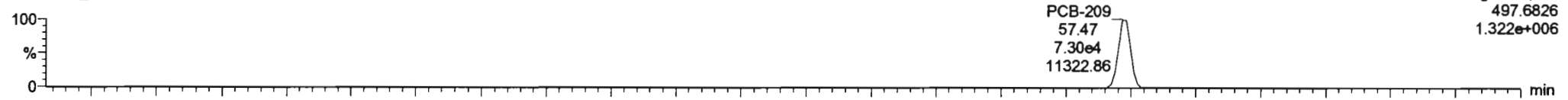
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

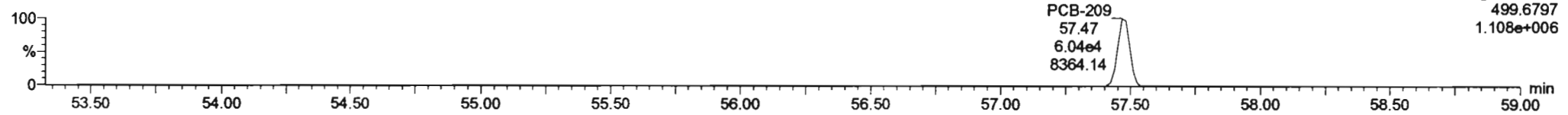
Name: 200613K2\_8, Date: 13-Jun-2020, Time: 21:52:36, ID: B0F0059-BS1 OPR 5, Description: OPR

**PCB-209**

200613K2\_8

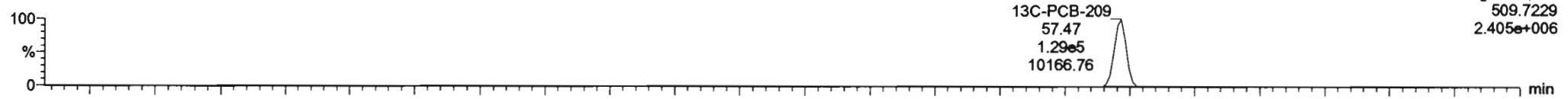


200613K2\_8

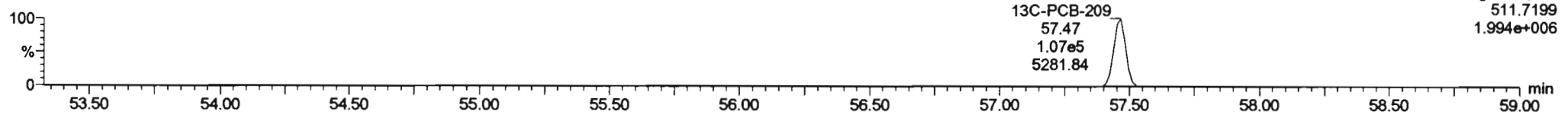


**13C-PCB-209**

200613K2\_8

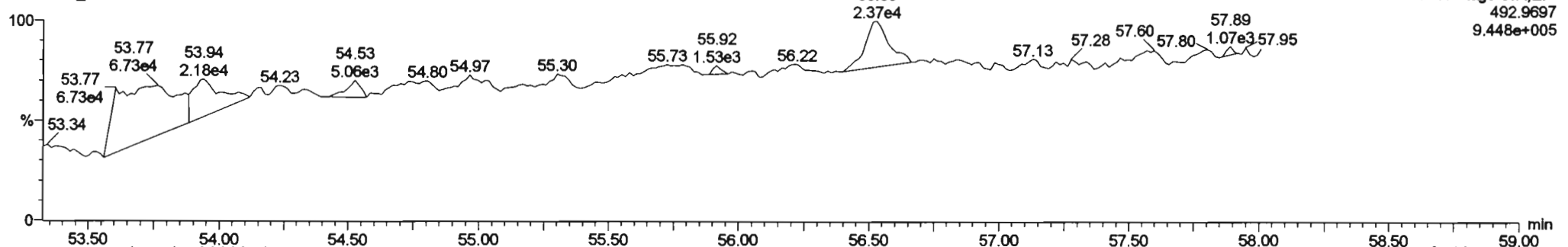


200613K2\_8



**PFK5b**

200613K2\_8



Dataset: U:\VG11.PRO\Results\200615K2\200615K2-11.qld

Last Altered: Friday, June 26, 2020 2:30:40 PM Pacific Daylight Time

Printed: Friday, June 26, 2020 2:43:01 PM Pacific Daylight Time

*dy 06-26-2020*

*06/29/2020*

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: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	3.21e3	3.04	NO	1.17	5.035	15.53	15.54	1.001	1.001	NO	6.194		0.321	6.194
2	2 PCB-2	3.50e3	3.09	NO	1.18	5.035	17.95	17.94	0.988	0.988	NO	5.951		0.304	5.951
3	3 PCB-3	4.30e3	3.31	NO	1.15	5.035	18.18	18.19	1.001	1.001	NO	7.522		0.313	7.522
4	4 PCB-4/10	1.04e4	1.41	NO	1.25	5.035	19.59	19.54	1.004	1.002	NO	19.90		0.947	19.90
5	5 PCB-7/9	3.73e3	1.38	NO	0.960	5.035	21.40	21.38	1.003	1.002	NO	5.526		0.752	5.526
6	6 PCB-6	7.67e3	1.56	NO	1.02	5.035	22.05	22.05	1.033	1.033	NO	10.66		0.705	10.66
7	7 PCB-5/8	3.61e4	1.54	NO	0.992	5.035	22.45	22.45	1.052	1.052	NO	51.72		0.727	51.72
8	8 PCB-14			NO	1.02	5.035	23.64		0.952		YES			1.01	
9	9 PCB-11	1.58e4	1.37	NO	1.13	5.035	24.86	24.87	1.001	1.001	NO	20.11		0.915	20.11
10	10 PCB-12/13	5.46e3	1.15	YES	1.03	5.035	25.30	25.27	1.018	1.017	NO	<del>7.535</del>		<del>1.00</del>	6.693
11	11 PCB-15	2.76e4	1.67	NO	1.03	5.035	25.61	25.56	1.031	1.029	NO	38.34		0.996	38.34
12	12 PCB-19	4.83e3	1.15	NO	1.11	5.035	23.79	23.78	1.001	1.001	NO	17.07		0.904	17.07
13	13 PCB-30			NO	1.79	5.035	24.69		1.039		YES			0.557	
14	14 PCB-18	2.64e4	1.03	NO	0.818	5.035	25.46	25.47	0.952	0.952	NO	82.02		0.807	82.02
15	15 PCB-17	2.40e4	1.03	NO	0.758	5.035	25.63	25.65	0.958	0.959	NO	80.44		0.870	80.44
16	16 PCB-24/27	4.77e3	1.07	NO	1.08	5.035	26.25	26.23	0.981	0.980	NO	11.21		0.610	11.21
17	17 PCB-16/32	3.44e4	1.00	NO	0.925	5.035	26.77	26.77	1.001	1.001	NO	94.68		0.713	94.68
18	18 PCB-34	2.60e3	1.08	NO	0.945	5.035	27.58	27.58	0.959	0.959	NO	3.991		0.703	3.991
19	19 PCB-23			NO	0.883	5.035	27.67		0.962		YES			0.752	
20	20 PCB-29			NO	0.893	5.035	27.93		0.971		YES			0.744	
21	21 PCB-26	2.45e4	1.11	NO	0.944	5.035	28.16	28.16	0.979	0.979	NO	37.62		0.704	37.62
22	22 PCB-25	1.56e4	1.12	NO	0.950	5.035	28.31	28.32	0.984	0.984	NO	23.90		0.699	23.90
23	23 PCB-31	1.53e5	1.06	NO	1.04	5.035	28.68	28.68	0.997	0.997	NO	213.8		0.641	213.8
24	24 PCB-28	1.79e5	1.06	NO	1.03	5.035	28.79	28.79	1.001	1.001	NO	253.1		0.648	253.1
25	25 PCB-20/21/33	7.59e4	1.05	NO	0.941	5.035	29.43	29.46	1.023	1.024	NO	117.1		0.706	117.1
26	26 PCB-22	4.45e4	1.09	NO	0.973	5.035	29.87	29.89	1.038	1.039	NO	66.39		0.683	66.39
27	27 PCB-36			NO	1.08	5.035	30.62		0.931		YES			0.803	
28	28 PCB-39			NO	0.988	5.035	31.11		0.946		YES			0.874	
29	29 PCB-38			NO	1.05	5.035	31.91		0.970		YES			0.821	
30	30 PCB-35			NO	1.04	5.035	32.45		0.987		YES			0.828	



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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
31	31 PCB-37	4.50e4	1.06	NO	1.01	5.035	32.90	32.90	1.001	1.001	NO	67.87		0.856	67.87
32	32 PCB-54	7.94e2	0.66	NO	1.08	5.035	27.62	27.64	1.001	1.001	NO	1.844		0.447	1.844
33	33 PCB-50	5.63e2	0.82	NO	0.880	5.035	28.81	28.83	1.044	1.044	NO	1.606		0.549	1.606
34	34 PCB-53	1.67e4	0.79	NO	0.997	5.035	29.51	29.50	0.944	0.943	NO	50.49		0.598	50.49
35	35 PCB-51	6.97e3	0.78	NO	1.07	5.035	29.85	29.85	0.955	0.955	NO	19.68		0.560	19.68
36	36 PCB-45	1.35e4	0.75	NO	0.858	5.035	30.30	30.30	0.969	0.969	NO	47.17		0.695	47.17
37	37 PCB-46	5.86e3	0.74	NO	0.831	5.035	30.80	30.80	0.985	0.985	NO	21.22		0.718	21.22
38	38 PCB-52/69	1.67e5	0.78	NO	1.17	5.035	31.30	31.28	1.001	1.001	NO	431.1		0.511	431.1
39	39 PCB-73			NO	1.44	5.035	31.41		1.005		YES			0.413	
40	40 PCB-43/49	1.08e5	0.77	NO	1.02	5.035	31.59	31.60	1.010	1.011	NO	318.4		0.587	318.4
41	41 PCB-47	4.48e4	0.80	NO	0.922	5.035	31.82	31.82	1.001	1.001	NO	132.7		0.613	132.7
42	42 PCB-48/75	2.69e4	0.82	NO	1.12	5.035	31.93	31.95	1.004	1.005	NO	65.59		0.504	65.59
43	43 PCB-65			NO	1.28	5.035	32.20		1.013		YES			0.440	
44	44 PCB-62			NO	1.13	5.035	32.31		1.016		YES			0.501	
45	45 PCB-44			NO	0.824	5.035	32.66		1.027		YES			0.685	
46	46 PCB-42/59			NO	1.05	5.035	32.89		1.034		YES			0.538	
47	47 PCB-41/64/71/72	8.42e4	0.76	NO	1.19	5.035	33.49	33.68	1.053	1.059	YES	193.5		0.476	193.5
48	48 PCB-68			NO	1.28	5.035	33.74		1.061		YES			0.442	
49	49 PCB-40	7.01e3	0.73	NO	0.602	5.035	33.97	34.02	1.068	1.070	NO	31.77		0.938	31.77
50	50 PCB-57	1.16e3	0.68	NO	1.16	5.035	34.34	34.35	0.969	0.970	NO	2.385		0.392	2.385
51	51 PCB-67	5.54e3	0.84	NO	1.08	5.035	34.66	34.67	0.978	0.978	NO	12.19		0.421	12.19
52	52 PCB-58	1.15e3	0.76	NO	1.20	5.035	34.78	34.80	0.982	0.982	NO	2.289		0.379	2.289
53	53 PCB-63	7.70e3	0.78	NO	1.07	5.035	34.93	34.95	0.986	0.986	NO	17.13		0.426	17.13
54	54 PCB-74	8.48e4	0.76	NO	1.19	5.035	35.23	35.23	0.994	0.994	NO	170.8		0.385	170.8
55	55 PCB-61/70	2.19e5	0.78	NO	1.05	5.035	35.45	35.45	1.000	1.001	NO	496.2		0.433	496.2
56	56 PCB-76/66	1.83e5	0.76	NO	1.16	5.035	35.64	35.66	1.006	1.006	NO	374.1		0.392	374.1
57	57 PCB-80			NO	1.19	5.035	35.88		1.001		YES			0.366	
58	58 PCB-55	2.18e3	0.70	NO	1.17	5.035	36.20	36.19	1.010	1.009	NO	4.267		0.372	4.267
59	59 PCB-56/60	9.77e4	0.75	NO	1.02	5.035	36.72	36.72	1.024	1.024	NO	219.8		0.427	219.8
60	60 PCB-79	3.10e3	0.75	NO	1.14	5.035	37.82	37.83	1.055	1.055	NO	6.234		0.382	6.234
61	61 PCB-78			NO	1.14	5.035	38.52		0.987		YES			0.414	
62	62 PCB-81	7.91e2	0.64	YES	1.05	5.035	39.06	39.10	1.000	1.001	NO	<del>1.770</del>		<del>0.449</del>	1.582
63	63 PCB-77	1.69e4	0.82	NO	1.14	5.035	39.68	39.67	1.000	1.000	NO	34.66		0.418	34.66

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
64	64 PCB-104			NO	1.12	5.035	32.53		1.001		YES			0.632	
65	65 PCB-96	9.48e2	1.43	NO	1.15	5.035	33.85	33.89	1.041	1.042	NO	4.311		0.615	4.311
66	66 PCB-103	3.18e3	1.49	NO	0.936	5.035	34.42	34.37	1.059	1.057	NO	17.80		0.757	17.80
67	67 PCB-100	1.09e3	1.54	NO	0.954	5.035	34.77	34.72	1.069	1.068	NO	6.002		0.744	6.002
68	68 PCB-94	5.35e2	1.46	NO	0.949	5.035	35.21	35.19	0.985	0.985	NO	3.676		0.807	3.676
69	69 PCB-95/98/102	9.51e4	1.62	NO	1.20	5.035	35.69	35.75	0.999	1.001	NO	514.6		0.636	514.6
70	70 PCB-93			NO	0.935	5.035	35.81		1.002		YES			0.819	
71	71 PCB-88/91	1.46e4	1.60	NO	1.06	5.035	36.16	36.16	1.012	1.012	NO	89.47		0.719	89.47
72	72 PCB-121			NO	1.71	5.035	36.25		1.015		YES			0.448	
73	73 PCB-84/92	4.97e4	1.63	NO	1.02	5.035	37.10	37.11	0.990	0.991	NO	313.5		0.778	313.5
74	74 PCB-89	9.98e2	1.44	NO	1.11	5.035	37.27	37.29	0.995	0.996	NO	5.799		0.717	5.799
75	75 PCB-90/101	1.39e5	1.56	NO	1.12	5.035	37.48	37.50	1.000	1.001	NO	796.4		0.706	796.4
76	76 PCB-113			NO	1.51	5.035	37.72		1.007		YES			0.523	
77	77 PCB-99	6.28e4	1.59	NO	1.32	5.035	37.81	37.83	1.009	1.010	NO	305.4		0.600	305.4
78	78 PCB-119	7.08e3	1.55	NO	1.81	5.035	38.30	38.30	0.987	0.987	NO	28.40		0.497	28.40
79	79 PCB-108/112	5.31e3	1.54	NO	1.44	5.035	38.45	38.47	0.991	0.991	NO	26.59		0.621	26.59
80	80 PCB-83			NO	1.83	5.035	38.61		0.995		YES			0.490	
81	81 PCB-97	2.90e4	1.65	NO	1.28	5.035	38.82	38.84	1.000	1.001	NO	163.5		0.700	163.5
82	82 PCB-86			NO	1.12	5.035	38.97		1.004		YES			0.804	
83	83 PCB-87/117/125	3.90e4	1.69	NO	1.56	5.035	39.12	39.12	1.008	1.008	NO	181.2		0.576	181.2
84	84 PCB-111/115	1.62e3	1.69	NO	1.91	5.035	39.27	39.28	1.012	1.012	NO	6.142		0.470	6.142
85	85 PCB-85/116	1.69e4	1.66	NO	1.41	5.035	39.40	39.40	1.015	1.015	NO	86.64		0.636	86.64
86	86 PCB-120	1.54e3	1.55	NO	2.01	5.035	39.66	39.66	1.022	1.022	NO	5.566		0.448	5.566
87	87 PCB-110	1.52e5	1.58	NO	1.74	5.035	39.79	39.81	1.026	1.026	NO	631.6		0.515	631.6
88	88 PCB-82	9.15e3	1.49	NO	0.781	5.035	40.46	40.44	0.976	0.975	NO	63.13		0.866	63.13
89	89 PCB-124	5.08e3	1.75	NO	1.40	5.035	41.17	41.15	0.993	0.992	NO	19.62		0.484	19.62
90	90 PCB-107/109	1.18e4	1.58	NO	1.34	5.035	41.31	41.33	0.996	0.997	NO	47.35		0.504	47.35
91	91 PCB-123	1.33e3	1.64	NO	1.20	5.035	41.48	41.48	1.000	1.000	NO	5.975		0.565	5.975
92	92 PCB-106/118	1.12e5	1.61	NO	1.22	5.035	41.69	41.67	1.001	1.000	NO	480.4		0.525	480.4
93	93 PCB-114	5.25e3	1.35	NO	1.14	5.035	42.34	42.34	1.000	1.000	NO	10.00		0.494	10.00
94	94 PCB-122	2.40e3	1.95	YES	0.944	5.035	42.49	42.47	1.004	1.004	NO	5.513		0.527	4.788
95	95 PCB-105	6.79e4	1.57	NO	1.05	5.035	43.23	43.23	1.000	1.000	NO	144.0		0.566	144.0
96	96 PCB-127			NO	1.06	5.035	43.57		1.000		YES			0.506	

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
97	97 PCB-126	1.20e3	1.21	YES	1.17	5.035	45.54	45.53	1.000	1.000	NO	2,421		0.538	2.177
98	98 PCB-155			NO	1.04	5.035	37.01		1.000		YES			0.779	
99	99 PCB-150	2.77e2	0.82	YES	1.08	5.035	38.33	38.33	1.036	1.036	NO	3,254		0.750	2.652
100	1... PCB-152			NO	1.19	5.035	38.82		1.049		YES			0.685	
101	1... PCB-145			NO	1.19	5.035	39.28		1.062		YES			0.684	
102	1... PCB-136	1.21e4	1.40	NO	1.02	5.035	39.62	39.60	1.071	1.070	NO	150.7		0.796	150.7
103	1... PCB-148	3.49e2	1.13	NO	0.842	5.035	39.73	39.71	1.074	1.073	NO	5.283		0.966	5.283
104	1... PCB-154	3.50e3	1.30	NO	0.919	5.035	40.24	40.22	1.088	1.087	NO	48.47		0.884	48.47
105	1... PCB-151	1.86e4	1.32	NO	0.787	5.035	40.90	40.88	1.105	1.105	NO	300.9		1.03	300.9
106	1... PCB-135	1.03e4	1.23	NO	0.922	5.035	41.11	41.11	1.111	1.111	NO	141.8		0.881	141.8
107	1... PCB-144	2.91e3	1.20	NO	0.789	5.035	41.22	41.22	1.114	1.114	NO	46.95		1.03	46.95
108	1... PCB-147	9.64e2	1.37	NO	0.834	5.035	41.35	41.35	1.118	1.118	NO	14.71		0.974	14.71
109	1... PCB-139/149	5.93e4	1.30	NO	0.948	5.035	41.64	41.61	1.125	1.125	NO	795.8		0.858	795.8
110	1... PCB-140	1.14e3	1.11	NO	0.794	5.035	41.82	41.81	1.130	1.130	NO	18.36		1.02	18.36
111	1... PCB-134/143	1.20e4	1.27	NO	0.759	5.035	42.28	42.28	0.975	0.975	NO	45.38		0.759	45.38
112	1... PCB-131/133	1.06e4	1.23	NO	0.821	5.035	42.58	42.57	0.982	0.982	NO	37.10		0.702	37.10
113	1... PCB-142			NO	0.754	5.035	42.72		0.985		YES			0.764	
114	1... PCB-146/165	8.24e4	1.28	NO	1.02	5.035	42.97	42.99	0.991	0.991	NO	232.0		0.567	232.0
115	1... PCB-132/161	7.94e4	1.22	NO	1.02	5.035	43.20	43.25	0.996	0.997	NO	221.8		0.563	221.8
116	1... PCB-153	3.50e5	1.26	NO	1.07	5.035	43.38	43.40	1.000	1.001	NO	936.3		0.538	936.3
117	1... PCB-168	9.60e2	1.38	NO	1.08	5.035	43.61	43.61	1.006	1.006	NO	2.550		0.535	2.550
118	1... PCB-141	5.16e4	1.26	NO	1.03	5.035	44.16	44.16	1.000	1.000	NO	178.4		0.694	178.4
119	1... PCB-137	7.06e3	1.26	NO	1.11	5.035	44.56	44.56	1.010	1.009	NO	22.54		0.642	22.54
120	1... PCB-130	1.61e4	1.31	NO	0.885	5.035	44.66	44.65	1.012	1.012	NO	64.42		0.805	64.42
121	1... PCB-138/163/164	3.17e5	1.28	NO	1.28	5.035	45.03	45.03	1.001	1.001	NO	821.7		0.525	821.7
122	1... PCB-158/160	2.60e4	1.29	NO	1.24	5.035	45.28	45.28	1.006	1.006	NO	69.83		0.544	69.83
123	1... PCB-129	6.76e3	1.23	NO	0.867	5.035	45.54	45.54	1.012	1.012	NO	25.99		0.778	25.99
124	1... PCB-166	7.28e2	1.42	NO	1.14	5.035	46.02	46.00	0.993	0.993	NO	1.796		0.505	1.796
125	1... PCB-159	5.40e3	1.41	NO	1.22	5.035	46.36	46.42	1.000	1.002	NO	12.51		0.475	12.51
126	1... PCB-128/162	3.00e4	1.29	NO	0.907	5.035	46.65	46.62	1.007	1.006	NO	93.19		0.637	93.19
127	1... PCB-167	1.00e4	1.32	NO	1.11	5.035	47.06	47.06	1.000	1.000	NO	26.05		0.524	26.05
128	1... PCB-156	2.47e4	1.30	NO	1.13	5.035	48.39	48.39	1.000	1.000	NO	63.68		0.517	63.68
129	1... PCB-157	3.74e3	1.06	NO	1.04	5.035	48.69	48.67	1.001	1.000	NO	10.67		0.589	10.67

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
130	1... PCB-169			NO	1.16	5.035	50.94		1.000		YES			0.599	
131	1... PCB-188	2.75e2	1.20	NO	1.29	5.035	43.02	43.01	1.001	1.000	NO	0.9926		0.536	0.9926
132	1... PCB-184			NO	1.23	5.035	43.45		1.011		YES			0.561	
133	1... PCB-179	4.35e4	1.08	NO	1.30	5.035	44.28	44.28	1.030	1.030	NO	156.2		0.532	156.2
134	1... PCB-176	1.29e4	1.04	NO	1.31	5.035	44.74	44.75	1.041	1.041	NO	45.98		0.528	45.98
135	1... PCB-186	2.00e2	1.82	YES	1.33	5.035	45.37	45.39	1.055	1.056	NO	0.7024		0.520	0.5111
136	1... PCB-178	1.57e4	1.05	NO	0.943	5.035	45.89	45.90	1.067	1.068	NO	77.76		0.733	77.76
137	1... PCB-175	2.56e3	0.76	YES	0.956	5.035	46.24	46.26	1.076	1.076	NO	12.48		0.723	10.52
138	1... PCB-182/187	9.89e4	1.08	NO	1.07	5.035	46.42	46.42	1.080	1.080	NO	432.1		0.648	432.1
139	1... PCB-183	3.89e4	1.04	NO	1.02	5.035	46.76	46.76	1.088	1.088	NO	177.3		0.676	177.3
140	1... PCB-185	7.61e3	1.08	NO	1.41	5.035	47.44	47.44	0.955	0.955	NO	37.45		0.743	37.45
141	1... PCB-174	6.86e4	1.02	NO	1.35	5.035	47.82	47.82	0.962	0.962	NO	350.8		0.772	350.8
142	1... PCB-181			NO	1.47	5.035	47.91		0.964		YES			0.709	
143	1... PCB-177	4.06e4	1.02	NO	1.28	5.035	48.08	48.08	0.968	0.968	NO	220.1		0.818	220.1
144	1... PCB-171	1.63e4	0.97	NO	1.32	5.035	48.38	48.39	0.974	0.974	NO	85.50		0.794	85.50
145	1... PCB-173	1.38e3	0.98	NO	1.19	5.035	48.82	48.82	0.983	0.982	NO	8.042		0.878	8.042
146	1... PCB-172	9.95e3	1.20	NO	1.38	5.035	49.30	49.29	0.992	0.992	NO	50.09		0.760	50.09
147	1... PCB-192			NO	1.83	5.035	49.48		0.996		YES			0.572	
148	1... PCB-180	1.42e5	1.07	NO	1.41	5.035	49.71	49.71	1.000	1.000	NO	694.7		0.740	694.7
149	1... PCB-193	9.32e3	1.13	NO	1.68	5.035	49.92	49.92	1.005	1.005	NO	38.47		0.623	38.47
150	1... PCB-191	2.47e3	0.92	NO	1.71	5.035	50.18	50.19	1.010	1.010	NO	10.00		0.611	10.00
151	1... PCB-170	4.76e4	1.01	NO	1.40	5.035	51.38	51.38	1.000	1.000	NO	283.9		0.881	283.9
152	1... PCB-190	1.29e4	1.15	NO	1.85	5.035	51.57	51.59	1.004	1.004	NO	58.31		0.666	58.31
153	1... PCB-189	2.52e3	1.02	NO	1.45	5.035	53.11	53.10	1.000	1.000	NO	11.41		0.568	11.41
154	1... PCB-202	5.22e3	0.86	NO	1.17	5.035	48.61	48.59	1.001	1.000	NO	40.19		1.95	40.19
155	1... PCB-201	3.47e3	0.96	NO	1.05	5.035	49.10	49.11	1.011	1.011	NO	29.67		2.17	29.67
156	1... PCB-204			NO	1.14	5.035	49.25		1.014		YES			2.00	
157	1... PCB-197	1.09e3	0.78	NO	1.13	5.035	49.57	49.58	1.020	1.021	NO	8.630		2.01	8.630
158	1... PCB-200	2.99e3	1.00	NO	1.07	5.035	50.50	50.51	1.040	1.040	NO	25.10		2.13	25.10
159	1... PCB-198			NO	0.794	5.035	52.08		1.072		YES			2.87	
160	1... PCB-199	1.80e4	0.95	NO	0.809	5.035	52.18	52.19	1.074	1.075	NO	200.6		2.82	200.6
161	1... PCB-196/203	2.01e4	0.95	NO	0.838	5.035	52.50	52.50	1.081	1.081	NO	216.2		2.72	216.2
162	1... PCB-195	1.14e4	0.89	NO	1.04	5.035	53.80	53.79	0.984	0.983	NO	60.91		1.10	60.91

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-11.qld

Last Altered: Friday, June 26, 2020 2:30:40 PM Pacific Daylight Time

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
163	1... PCB-194	2.73e4	0.88	NO	1.12	5.035	54.72	54.72	1.000	1.000	NO	136.7		1.03	136.7
164	1... PCB-205	1.56e3	0.98	NO	1.29	5.035	54.98	54.99	1.005	1.005	NO	6.788		0.887	6.788
165	1... PCB-208	1.26e4	1.34	NO	0.933	5.035	53.94	53.94	1.000	1.000	NO	51.94		0.891	51.94
166	1... PCB-207	4.77e3	1.32	NO	0.916	5.035	54.26	54.28	1.006	1.007	NO	19.95		0.907	19.95
167	1... PCB-206	2.36e4	1.28	NO	1.01	5.035	56.25	56.25	1.000	1.000	NO	147.3		1.31	147.3
168	1... PCB-209	6.39e4	1.19	NO	0.986	5.035	57.47	57.48	1.000	1.000	NO	438.4		0.481	438.4
169	1... 13C-PCB-1	8.80e5	3.32	NO	0.893	5.035	15.52	15.52	0.608	0.608	NO	1416	71.3	1.51	
170	1... 13C-PCB-3	9.88e5	3.30	NO	0.911	5.035	18.17	18.17	0.712	0.711	NO	1560	78.6	1.48	
171	1... 13C-PCB-4	8.32e5	1.60	NO	0.600	5.035	19.52	19.51	0.765	0.764	NO	1995	100	0.885	
172	1... 13C-PCB-9	1.40e6	1.59	NO	0.970	5.035	21.36	21.34	0.836	0.836	NO	2071	104	0.547	
173	1... 13C-PCB-11	1.38e6	1.60	NO	0.962	5.035	24.80	24.84	0.971	0.973	NO	2068	104	0.552	
174	1... 13C-PCB-19	5.08e5	1.03	NO	0.499	5.035	23.77	23.76	0.931	0.931	NO	1464	73.7	6.17	
175	1... 13C-PCB-32	7.80e5	1.07	NO	0.744	5.035	26.76	26.75	1.048	1.048	NO	1508	76.0	4.14	
176	1... 13C-PCB-28	1.37e6	1.04	NO	1.06	5.035	28.77	28.77	1.004	1.004	NO	1703	85.8	5.38	
177	1... 13C-PCB-37	1.30e6	1.06	NO	0.989	5.035	32.75	32.88	1.143	1.147	YES <i>uc</i>	1747	88.0	5.79	
178	1... 13C-PCB-54	7.92e5	0.80	NO	0.999	5.035	27.63	27.60	0.753	0.752	NO	1692	85.2	1.32	
179	1... 13C-PCB-52	6.61e5	0.78	NO	0.804	5.035	31.27	31.26	0.852	0.852	NO	1755	88.4	1.64	
180	1... 13C-PCB-47	7.28e5	0.79	NO	0.857	5.035	31.79	31.80	0.866	0.867	NO	1813	91.3	1.54	
181	1... 13C-PCB-70	8.32e5	0.81	NO	0.996	5.035	35.43	35.43	0.965	0.966	NO	1786	89.9	1.32	
182	1... 13C-PCB-80	8.67e5	0.81	NO	1.03	5.035	35.85	35.86	0.977	0.977	NO	1801	90.7	1.28	
183	1... 13C-PCB-81	8.48e5	0.80	NO	0.988	5.035	39.07	39.04	1.064	1.064	NO	1834	92.4	1.33	
184	1... 13C-PCB-77	8.51e5	0.79	NO	0.969	5.035	39.68	39.66	1.081	1.081	NO	1877	94.5	1.36	
185	1... 13C-PCB-104	3.78e5	1.65	NO	1.02	5.035	32.47	32.51	0.827	0.828	NO	1703	85.7	1.58	
186	1... 13C-PCB-95	3.05e5	1.69	NO	0.805	5.035	35.72	35.73	0.910	0.910	NO	1730	87.1	2.00	
187	1... 13C-PCB-101	3.09e5	1.70	NO	0.793	5.035	37.48	37.46	0.954	0.954	NO	1784	89.8	2.03	
188	1... 13C-PCB-97	2.74e5	1.67	NO	0.696	5.035	38.82	38.80	0.989	0.988	NO	1801	90.7	2.31	
189	1... 13C-PCB-123	3.68e5	1.63	NO	0.933	5.035	41.46	41.46	1.056	1.056	NO	1805	90.9	1.72	
190	1... 13C-PCB-118	3.80e5	1.73	NO	0.986	5.035	41.65	41.65	1.061	1.061	NO	1763	88.8	1.63	
191	1... 13C-PCB-114	9.14e5	1.58	NO	1.55	5.035	42.30	42.32	0.908	0.908	NO	2175	110	1.46	
192	1... 13C-PCB-105	8.92e5	1.61	NO	1.57	5.035	43.19	43.21	0.927	0.927	NO	2087	105	1.44	
193	1... 13C-PCB-127	9.46e5	1.60	NO	1.62	5.035	43.55	43.56	0.934	0.935	NO	2142	108	1.39	
194	1... 13C-PCB-126	8.39e5	1.65	NO	1.57	5.035	45.51	45.53	0.976	0.977	NO	1969	99.1	1.44	
195	1... 13C-PCB-155	1.56e5	1.28	NO	0.615	5.035	37.00	36.99	0.942	0.942	NO	1161	58.5	0.880	

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-11.qld

Last Altered: Friday, June 26, 2020 2:30:40 PM Pacific Daylight Time

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
196	1... 13C-PCB-153	6.94e5	1.29	NO	1.36	5.035	43.36	43.37	0.930	0.930	NO	1872	94.3	2.05	
197	1... 13C-PCB-141	5.60e5	1.26	NO	1.13	5.035	44.13	44.14	0.947	0.947	NO	1827	92.0	2.48	
198	1... 13C-PCB-138	5.96e5	1.27	NO	1.18	5.035	44.99	44.99	0.965	0.965	NO	1853	93.3	2.36	
199	1... 13C-PCB-159	7.04e5	1.28	NO	1.44	5.035	46.32	46.34	0.994	0.994	NO	1800	90.6	1.94	
200	2... 13C-PCB-167	6.89e5	1.28	NO	1.44	5.035	47.02	47.04	1.009	1.009	NO	1762	88.7	1.94	
201	2... 13C-PCB-156	6.84e5	1.27	NO	1.40	5.035	48.34	48.37	1.037	1.038	NO	1802	90.7	2.00	
202	2... 13C-PCB-157	6.70e5	1.30	NO	1.40	5.035	48.63	48.65	1.043	1.044	NO	1766	88.9	2.00	
203	2... 13C-PCB-169	6.02e5	1.27	NO	1.33	5.035	50.91	50.92	1.092	1.093	NO	1663	83.7	2.10	
204	2... 13C-PCB-188	4.26e5	0.47	NO	1.41	5.035	42.99	42.99	0.926	0.926	NO	1859	93.6	1.36	
205	2... 13C-PCB-180	2.87e5	0.45	NO	0.929	5.035	49.69	49.69	1.070	1.070	NO	1899	95.6	2.07	
206	2... 13C-PCB-170	2.37e5	0.44	NO	0.794	5.035	51.37	51.36	1.106	1.106	NO	1839	92.6	2.42	
207	2... 13C-PCB-189	3.02e5	0.44	NO	1.04	5.035	53.11	53.08	1.144	1.143	NO	1779	89.6	1.84	
208	2... 13C-PCB-202	2.21e5	0.95	NO	1.04	5.035	48.59	48.58	1.046	1.046	NO	1310	66.0	1.14	
209	2... 13C-PCB-194	3.55e5	0.89	NO	0.768	5.035	54.72	54.70	0.995	0.995	NO	1910	96.2	2.94	
210	2... 13C-PCB-208	5.18e5	0.78	NO	0.991	5.035	53.95	53.93	0.981	0.981	NO	2160	109	2.22	
211	2... 13C-PCB-206	3.15e5	0.77	NO	0.552	5.035	56.24	56.24	1.023	1.023	NO	2361	119	3.99	
212	2... 13C-PCB-209	2.94e5	1.17	NO	0.396	5.035	57.49	57.47	1.046	1.045	NO	3061	154	0.696	
213	2... 13C-PCB-15	1.38e6	1.59	NO	1.00	5.035	25.51	25.54	1.000	0.000	NO	1986	100	0.531	
214	2... 13C-PCB-31	1.50e6	1.03	NO	1.00	5.035	28.64	28.66	1.000	0.000	NO	1986	100	5.73	
215	2... 13C-PCB-60	9.30e5	0.79	NO	1.00	5.035	36.66	36.70	1.000	0.000	NO	1986	100	1.32	
216	2... 13C-PCB-111	4.34e5	1.64	NO	1.00	5.035	39.23	39.27	1.000	0.000	NO	1986	100	1.61	
217	2... 13C-PCB-128	5.40e5	1.24	NO	1.00	5.035	46.59	46.60	1.000	0.000	NO	1986	100	2.80	
218	2... 13C-PCB-182	3.23e5	0.47	NO	1.00	5.035	46.40	46.44	0.000	0.000	NO	1986	100	1.92	
219	2... 13C-PCB-205	4.81e5	0.91	NO	1.00	5.035	54.97	54.98	1.000	0.000	NO	1986	100	2.26	
220	2... 13C-PCB-79	9.17e5	0.81	NO	1.07	5.035	37.80	37.80	1.030	1.030	NO	1832	92.2	1.23	
221	2... 13C-PCB-178	2.86e5	0.46	NO	0.766	5.035	45.88	45.87	0.988	0.988	NO	1374	69.2	1.44	
222	2... 13C-PCB-79	9.17e5	0.81	NO	1.08	5.035	37.78	37.80	0.968	0.968	NO	1983	99.9	1.40	
223	2... 13C-PCB-178	2.86e5	0.46	NO	1.05	5.035	45.87	45.87	0.923	0.923	NO	1885	94.9	2.05	
224	2... Total Mono-PCBs				1.17	5.035	0.00		0.000		NO	19.67		0.938	19.67
225	2... Total Di-PCBs				1.05	5.035	0.00		0.000		NO	146.3		7.06	152.9
226	2... 2nd Function Tri-PCBs				1.08	5.035	0.00		0.000		NO	285.4		4.46	285.4
227	2... 3rd Function Tri-PCBs				0.983	5.035	0.00		0.000		NO	783.8		10.5	783.8
228	2... Total Tetra-PCBs				1.08	5.035	0.00		0.000		NO	2655		15.9	2657

Handwritten notes: >1069.2 (next to row 226), >1069.2 (next to row 227)

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-11.qld

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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
229	2... 3rd Function Penta-PCBs				1.32	5.035	0.00		0.000		NO	3803		18.2	3803
230	2... 4th Function Penta-PCBs				1.07	5.035	0.00		0.000		NO	154.0	>3957 -	2.70	161.0
231	2... 3rd Function Hexa-PCBs				0.951	5.035	0.00		0.000		NO	1523	>4389 -	11.3	1526
232	2... 4th Function Hexa-PCBs				1.03	5.035	0.00		0.000		NO	2866		12.3	2866
233	2... Total Hepta-PCBs				1.36	5.035	0.00		0.000		NO	2739		15.6	2750
234	2... 4th Function Octa-PCBs				1.00	5.035	0.00		0.000		NO	520.4	>7248 -	18.7	520.4
235	2... 5th Function Octa-PCBs				1.15	5.035	0.00		0.000		NO	204.4		3.01	204.4
236	2... Total Nona-PCBs				0.952	5.035	0.00		0.000		NO	219.2		3.11	219.2
237	2... Deca-CB				0.986	5.035	0.00		0.000		NO	438.4		0.481	438.4
238	2... Total PCBs														

>3964 -  
>4392 -  
>724.8

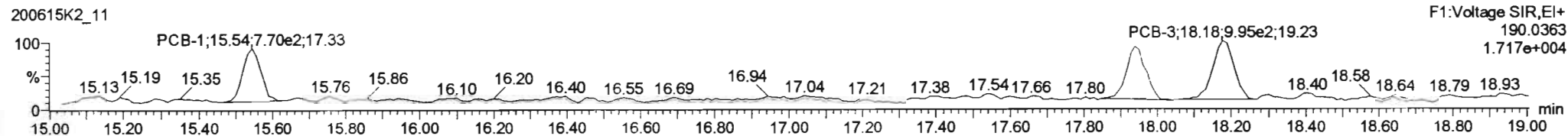
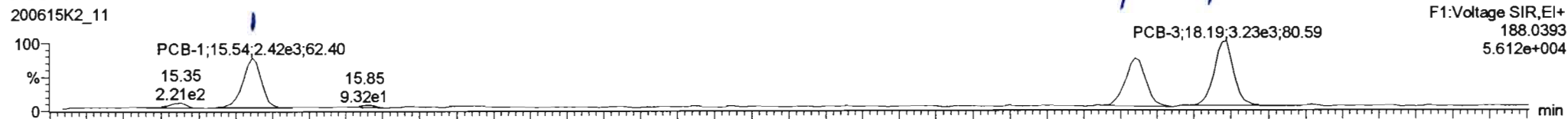
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Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time

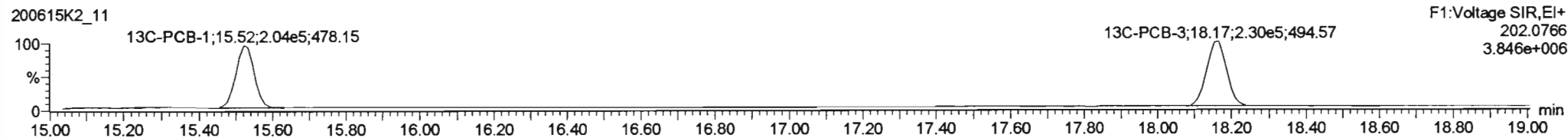
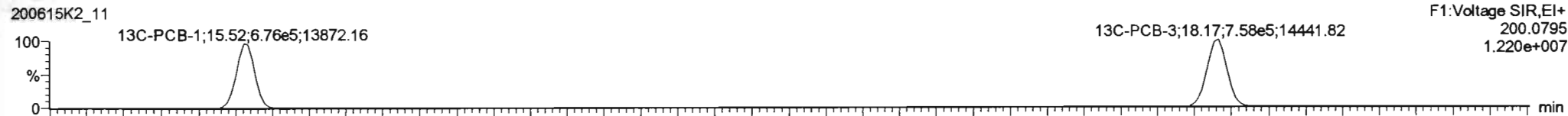
Printed: Tuesday, June 16, 2020 12:30:52 Pacific Daylight Time

Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

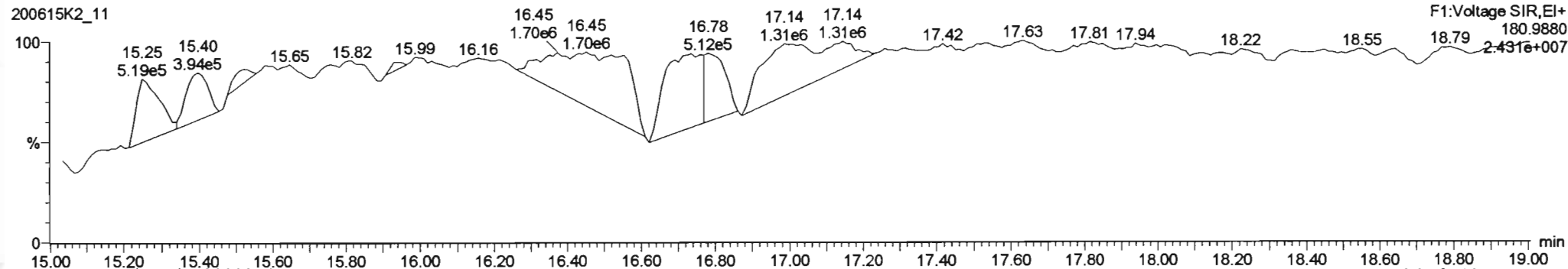
**PCB-1**



**13C-PCB-1**



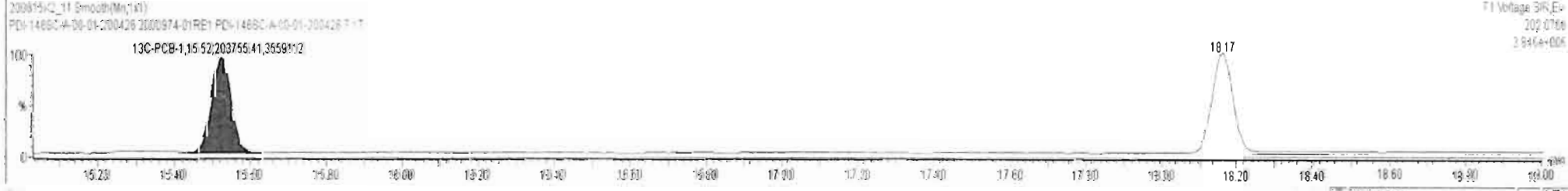
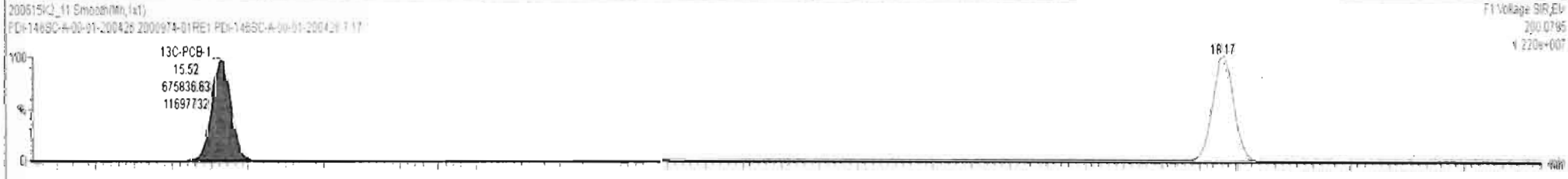
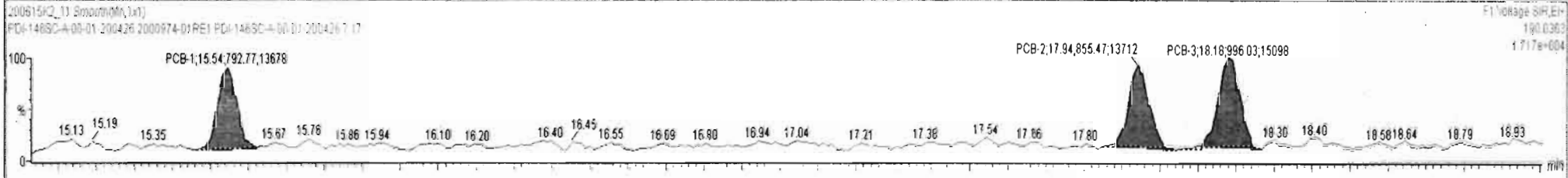
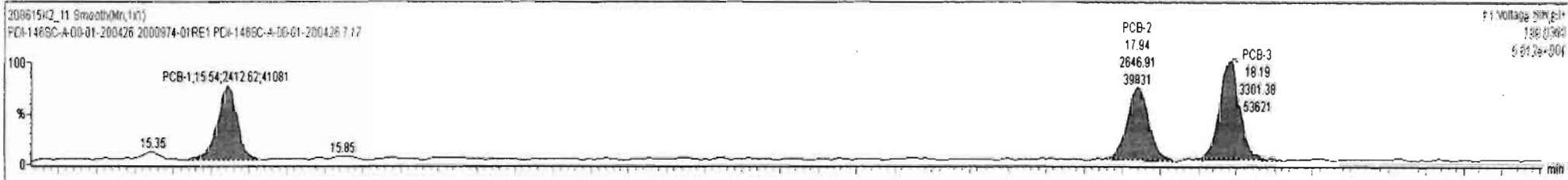
**PFK1**





#	Name	Resp	RA	nly	RRF	wVol	Pred RT	RT	Pred R.	RRT	RRT Fail	Conc	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	5.035	0.00		0.000		NO	19.67		0.936	19.67
225	225 Total Di-PCBs				1.0537	5.035	0.00		0.000		NO	138.7		7.06	145.2
226	226 2nd Function Tri-PCBs				1.0807	5.035	0.00		0.000		NO	284.6		4.46	264.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	1 PCB-1	15.53	15.54	2.413e3	7.928e2	3.130	3.04	NO	6.1945	6.1945
2	2 PCB-2	17.95	17.94	2.647e3	8.555e2	3.130	3.09	NO	5.9514	5.9514
3	3 PCB-3	18.18	18.19	3.301e3	9.900e2	3.130	3.31	NO	7.5216	7.5216



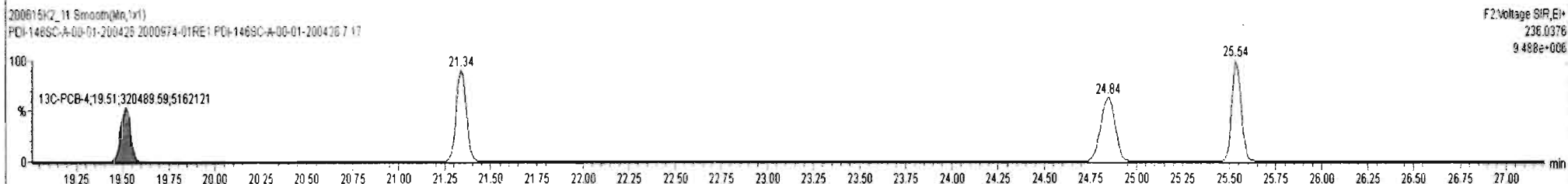
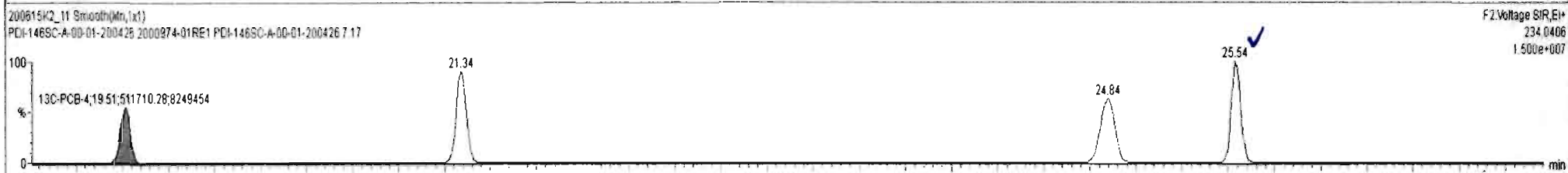
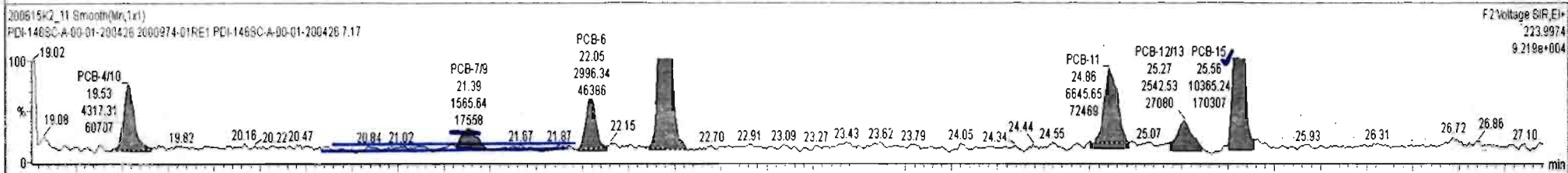
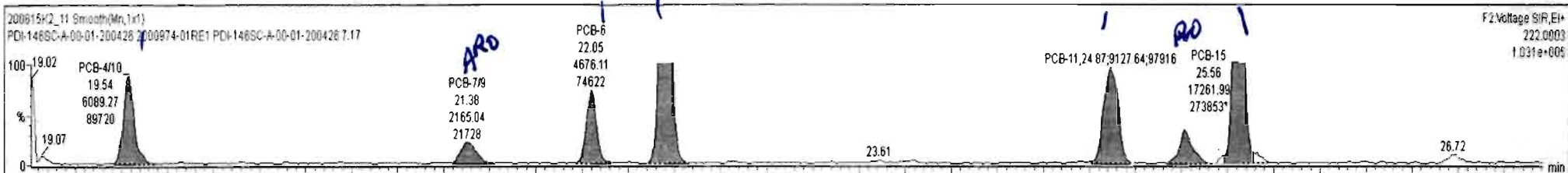


200615K2\_11 - 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17 - PDI-146SC-A-00-01-200426

#	Name	Resp	FA	nV	RRF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	5.035	0.00		0.000		NO	19.67		0.938	19.67
225	225 Total Di-PCBs				1.0537	5.035	0.00		0.000		NO	147.4		7.06	154.1
226	226 2nd Function Tri-PCBs				1.0807	5.035	0.00		0.000		NO	284.6		4.46	284.6

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nV	EMPC	Conc
1	4 PCB-4/10	19.58	19.54	6.089e3	4.317e3	1.560	1.41	NO	19.897	19.897
2	5 PCB-7/9	21.40	21.38	2.165e3	1.566e3	1.560	1.38	NO	5.5260	5.5260
3	6 PCB-6	22.05	22.05	4.676e3	2.996e3	1.560	1.56	NO	10.660	10.660
4	7 PCB-5/8	22.45	22.45	2.191e4	1.418e4	1.560	1.54	NO	51.718	51.718
5	9 PCB-11	24.86	24.87	9.126e3	6.646e3	1.560	1.37	NO	20.110	20.110
6	10 PCB-12/13	25.30	25.27	2.916e3	2.543e3	1.560	1.15	YES	6.6929	0.00000
7	11 PCB-15	25.61	25.56	1.808e4	1.037e4	1.560	1.74	NO	39.468	39.468

Rx



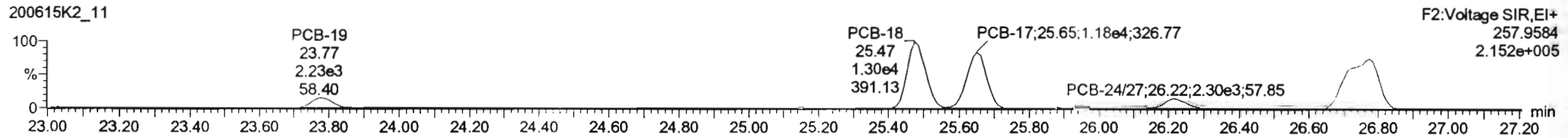
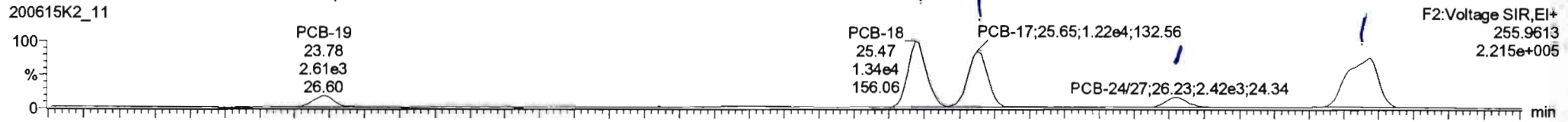
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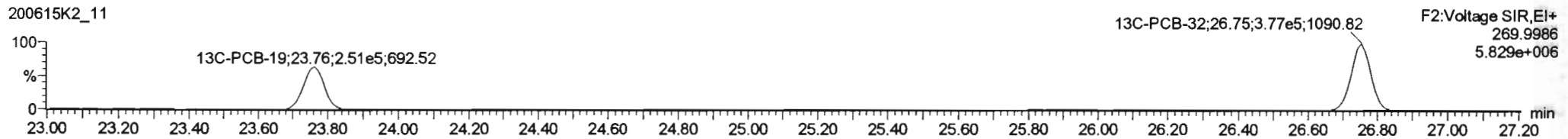
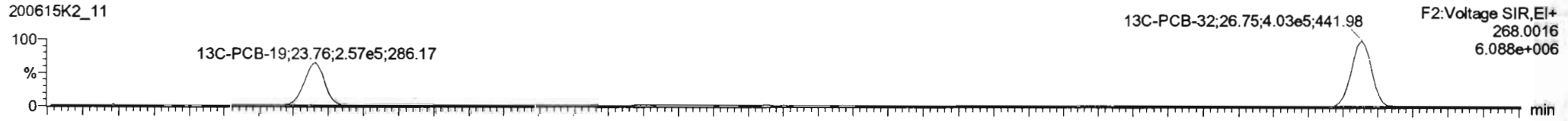
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

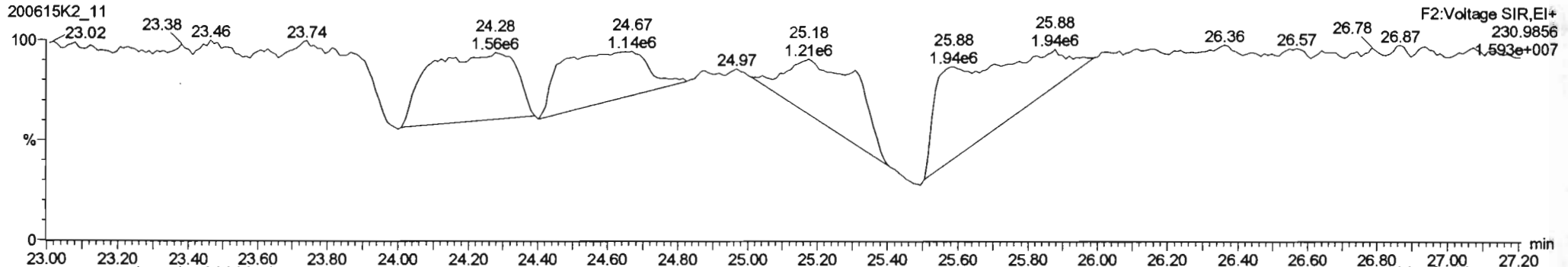
**PCB-19**



**13C-PCB-19**

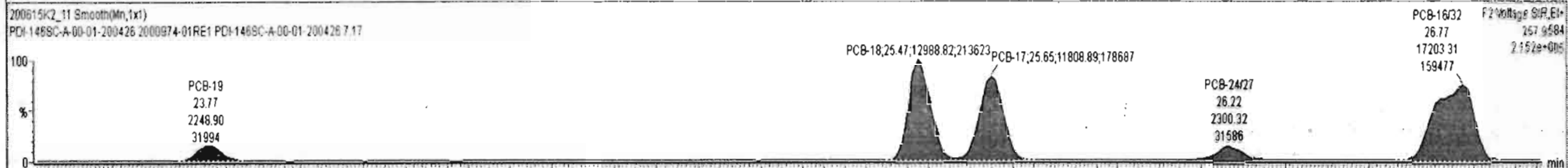
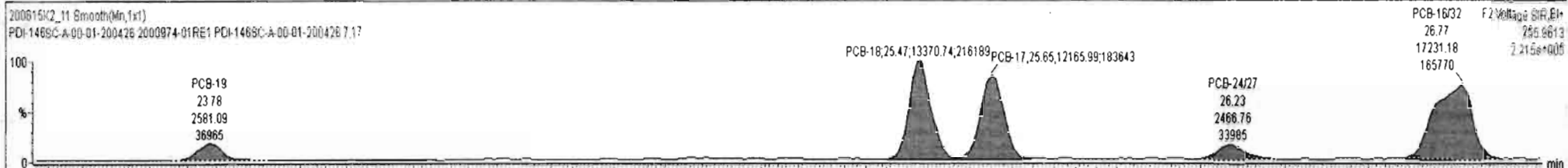


**PFK2b**



#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	RRT Fal	Conc	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				1.0807	5.035	0.00		0.000		NO	285.4		4.46	285.4
227	227 3rd Function Tri-PCBs				0.9828	5.035	0.00		0.000		NO	788.9		10.5	788.9
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2951		15.9	2972

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.79	23.78	2.581e3	2.249e3	1.040	1.15	NO	17.070	17.070
2	14 PCB-18	25.46	25.47	1.337e4	1.299e4	1.040	1.03	NO	82.022	82.022
3	15 PCB-17	25.63	25.65	1.217e4	1.181e4	1.040	1.03	NO	80.436	80.436
4	16 PCB-24/27	26.25	26.23	2.467e3	2.300e3	1.040	1.07	NO	11.210	11.210
5	17 PCB-16/32	26.77	26.77	1.723e4	1.720e4	1.040	1.00	NO	94.678	94.678



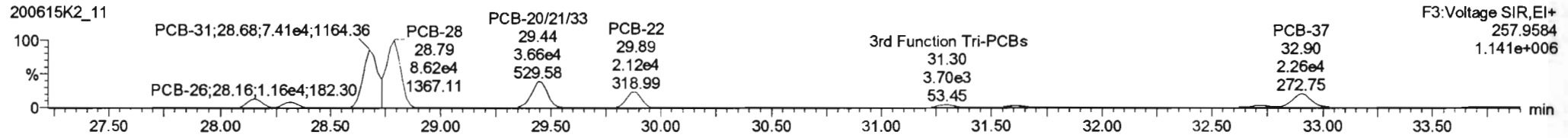
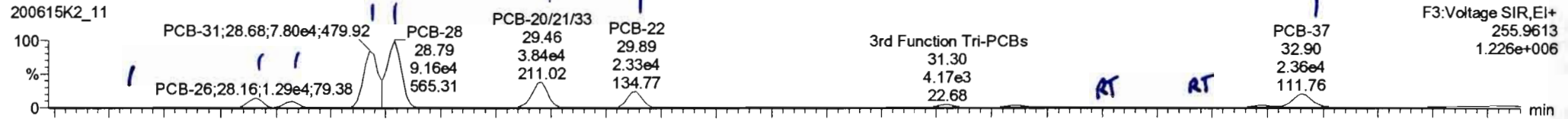
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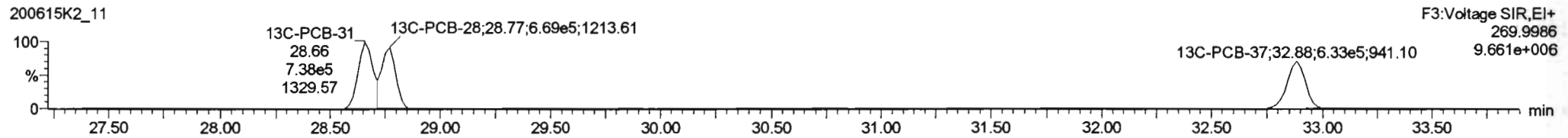
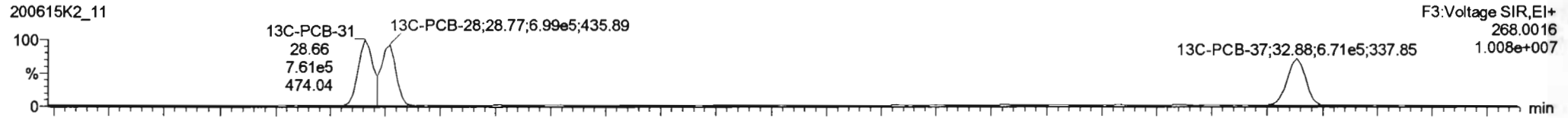
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

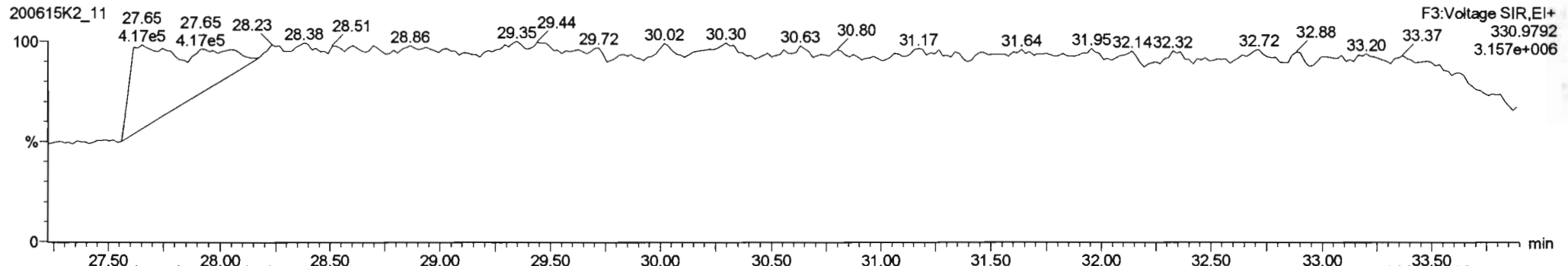
**PCB-34**



**13C-PCB-28**

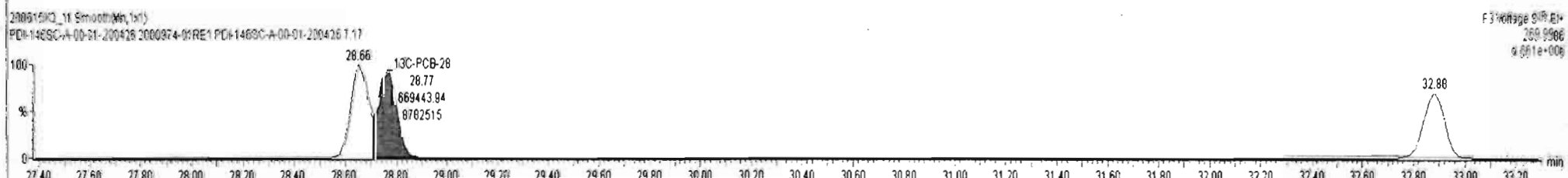
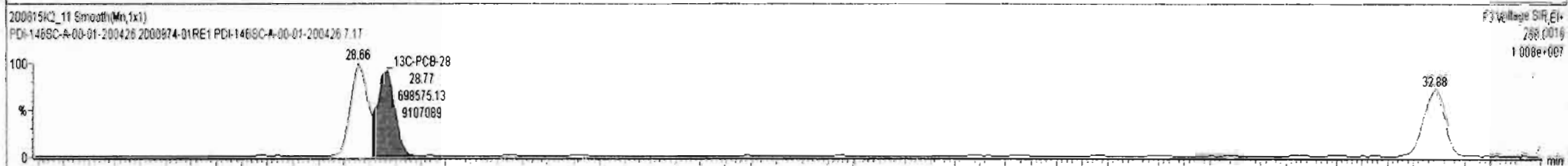
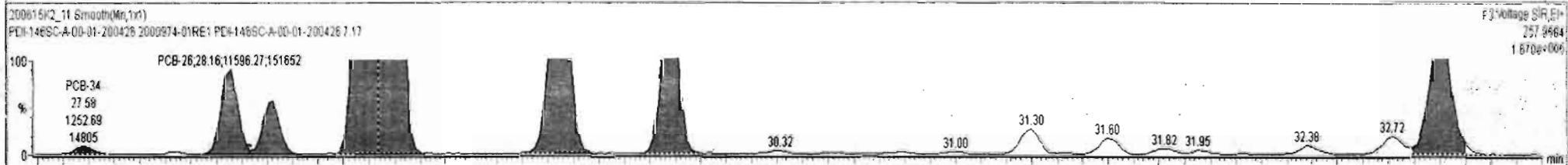
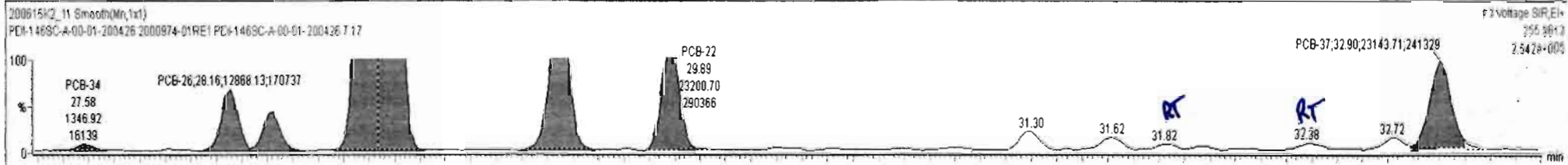


**PFK3d**



#	Name	Resp	RA	nly	RRF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				1.0807	5.035	0.00		0.000		NO	265.4		4.46	265.4
227	227 3rd Function Tri-PCBs				0.9828	5.035	0.00		0.000		NO	783.8		10.5	783.8
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2951		15.9	2972

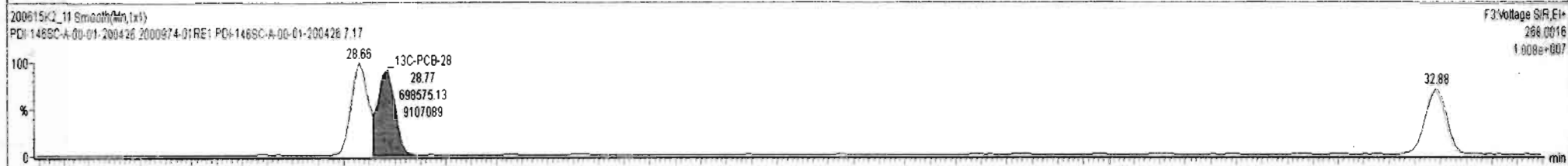
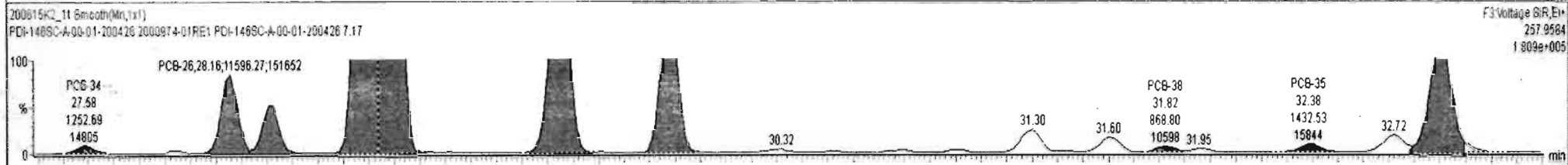
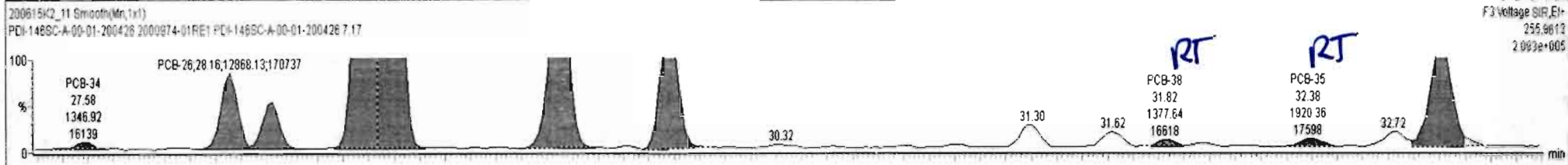
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc
1	16 PCB-34	27.58	27.58	1.347e3	1.253e3	1.040	1.08	NO	3.9913	3.9913
2	21 PCB-26	28.16	28.16	1.267e4	1.160e4	1.040	1.11	NO	37.624	37.624
3	22 PCB-25	28.31	28.32	8.274e3	7.366e3	1.040	1.12	NO	23.903	23.903
4	23 PCB-31	28.68	28.68	7.839e4	7.424e4	1.040	1.06	NO	213.80	213.80
5	24 PCB-28	28.79	28.79	9.211e4	8.660e4	1.040	1.06	NO	253.10	253.10
6	25 PCB-20Z1J33	29.43	29.46	3.885e4	3.707e4	1.040	1.05	NO	117.09	117.09
7	26 PCB-22	29.87	29.89	2.320e4	2.129e4	1.040	1.09	NO	66.389	66.389
8	31 PCB-37	32.90	32.90	2.314e4	2.184e4	1.040	1.06	NO	67.874	67.874



#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				1.0807	5.035	0.00		0.000		NO	285.4		4.46	265.4
227	227 3rd Function Tri-PCBs				0.9828	5.035	0.00		0.000		NO	783.8		10.5	790.6
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	295.1		15.9	297.2

#	Name	Pred.RT	RT	g1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc
1	18 PCB-34	27.58	27.58	1.347e3	1.253e3	1.040	1.08	NO	3.9913	3.9913
2	21 PCB-26	28.16	28.16	1.287e4	1.160e4	1.040	1.11	NO	37.624	37.624
3	22 PCB-25	28.31	28.32	8.274e3	7.366e3	1.040	1.12	NO	23.903	23.903
4	23 PCB-31	28.68	28.68	7.839e4	7.424e4	1.040	1.06	NO	213.80	213.80
5	24 PCB-28	28.79	28.79	9.211e4	8.660e4	1.040	1.06	NO	253.10	253.10
6	25 PCB-20(21)33	29.43	29.46	3.685e4	3.707e4	1.040	1.05	NO	117.09	117.09
7	26 PCB-22	29.87	29.89	2.320e4	2.129e4	1.040	1.09	NO	66.389	66.389
8	29 PCB-38	31.91	31.82	3.78e3	8.686e2	1.040	1.59	YES	2.5854	0.00000
9	30 PCB-35	32.45	32.38	9.20e3	1.433e3	1.040	1.34	YES	4.2631	0.00000
10	31 PCB-37	32.90	32.90	2.314e4	2.184e4	1.040	1.06	NO	67.874	67.874

RT  
AT





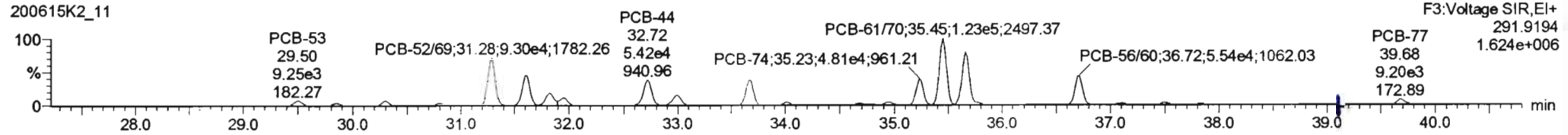
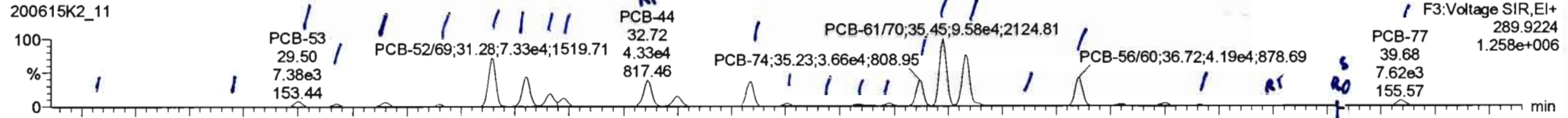
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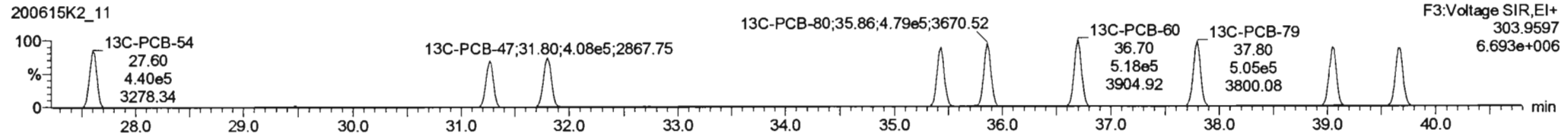
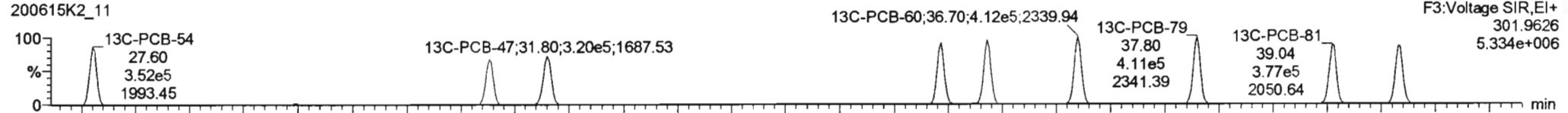
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

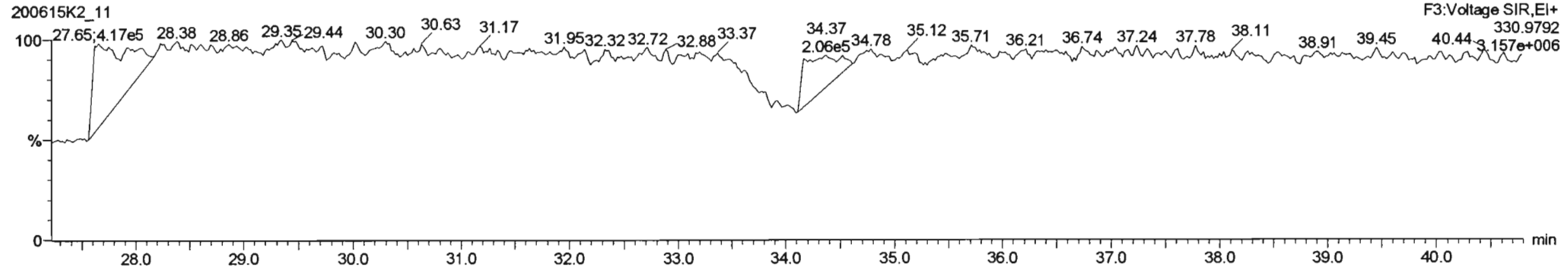
**PCB-54**



**13C-PCB-54**



**PFK3a**



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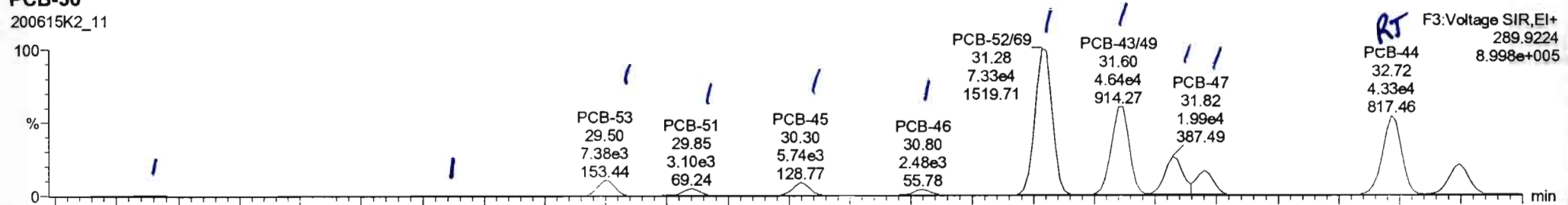
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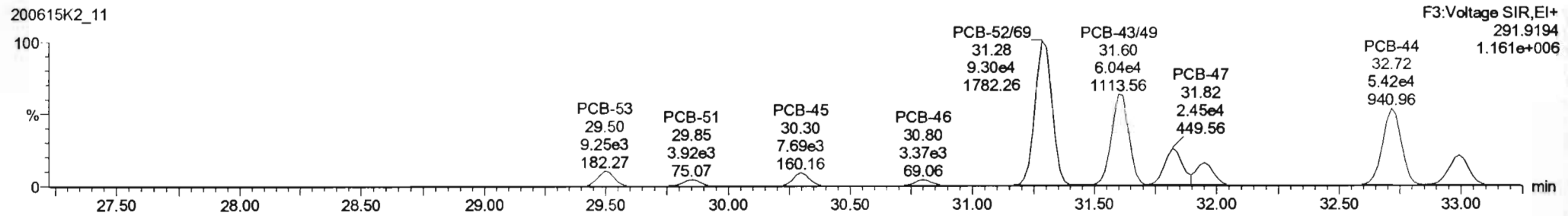
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**PCB-50**

200615K2\_11

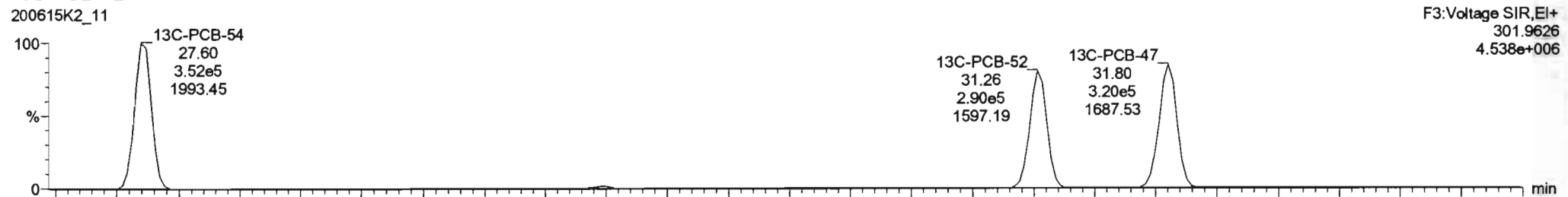


200615K2\_11

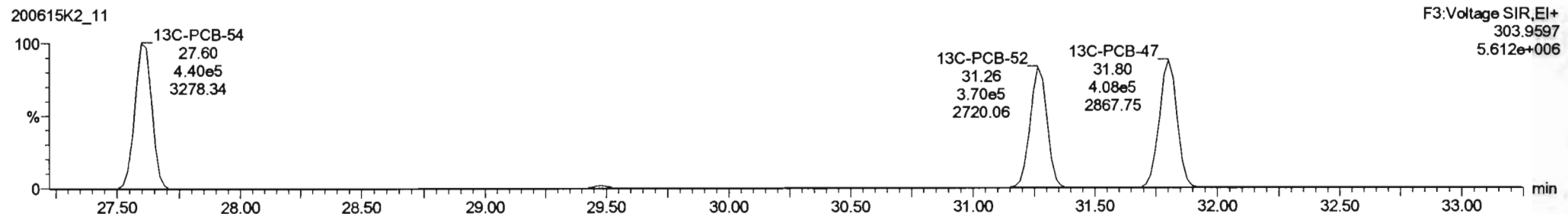


**13C-PCB-52**

200615K2\_11

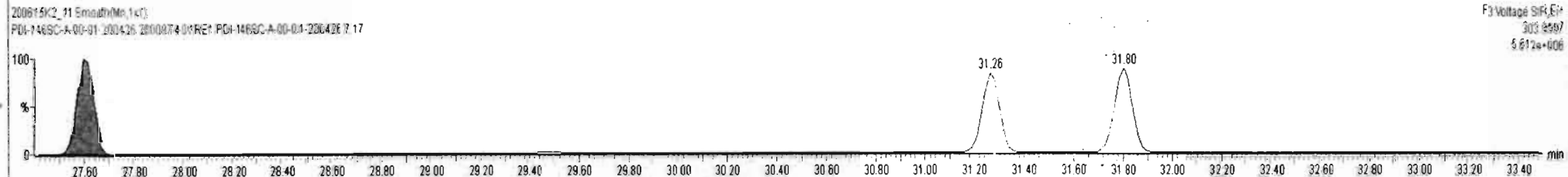
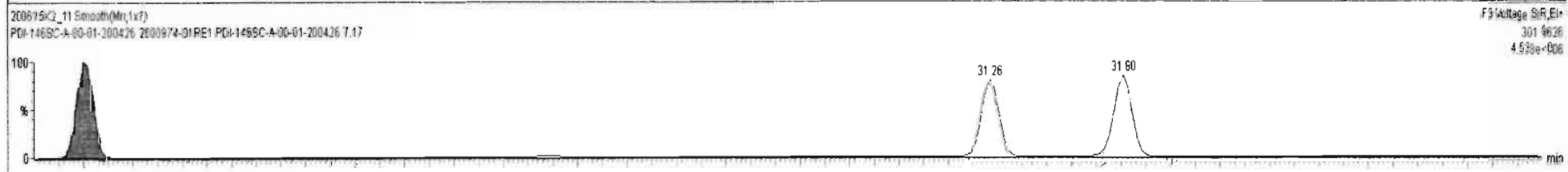
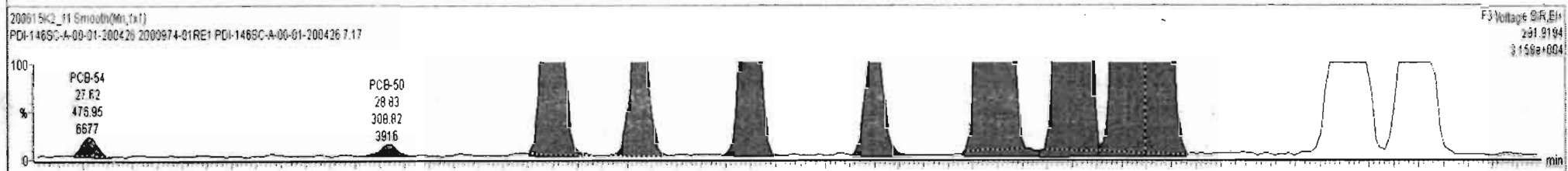
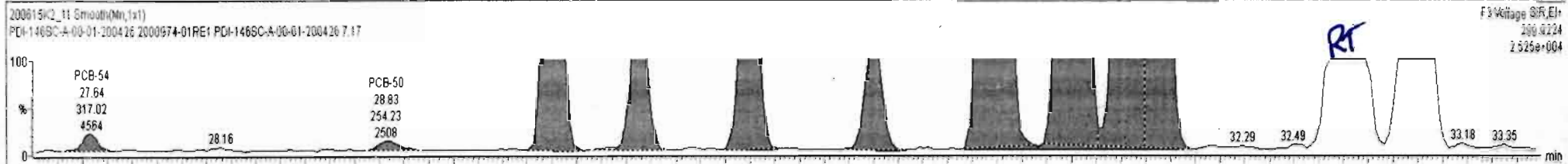


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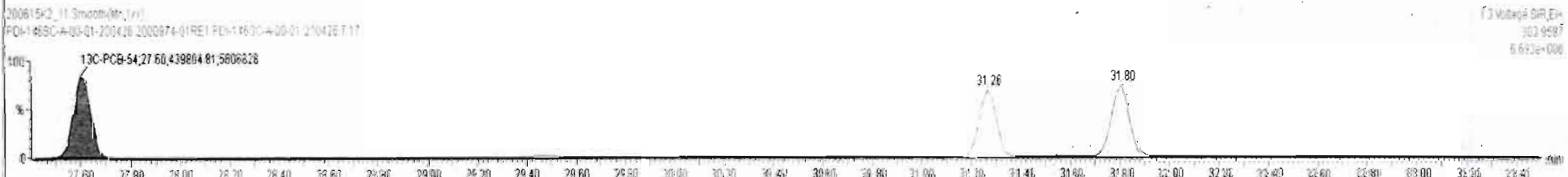
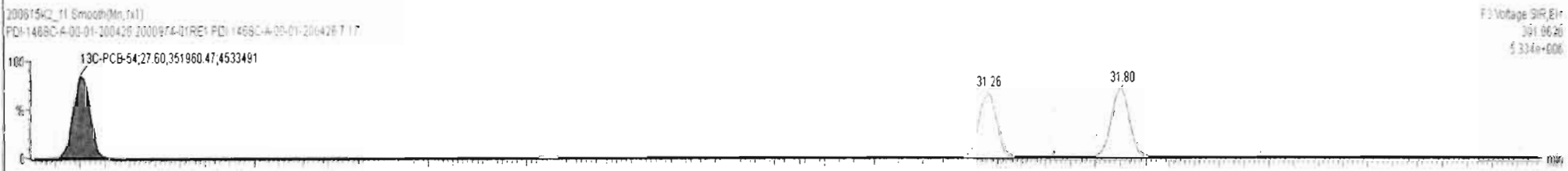
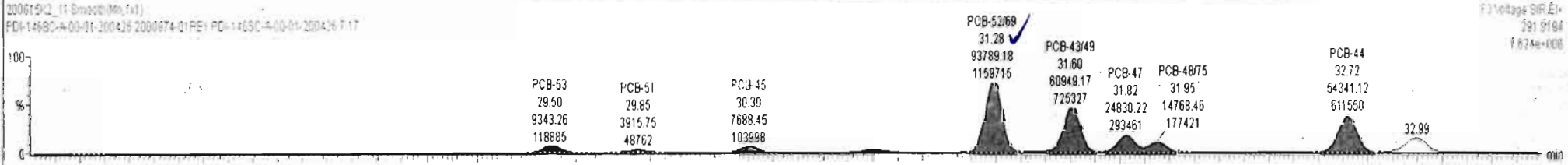
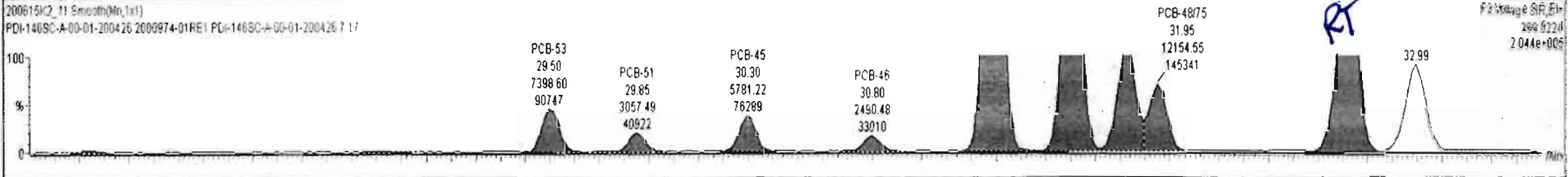
#	Name	Resp	RA	nly	RRF	wtAval	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2636		15.9	2656
229	229 3rd Function Penta-PCBs				1.3157	5.035	0.00		0.000		NO	3797		18.2	3804

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	I* Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.62	27.64	3.170e2	4.770e2	0.770	0.66	NO	1.8442	1.8442
2	33 PCB-50	28.81	28.83	2.542e2	3.068e2	0.770	0.82	NO	1.6056	1.6056
3	34 PCB-53	29.51	29.50	7.399e3	9.343e3	0.770	0.79	NO	50.494	50.494
4	35 PCB-51	29.85	29.85	3.057e3	3.916e3	0.770	0.78	NO	19.680	19.680
5	36 PCB-45	30.30	30.30	5.781e3	7.889e3	0.770	0.75	NO	47.171	47.171
6	37 PCB-46	30.80	30.80	2.490e3	3.374e3	0.770	0.74	NO	21.220	21.220
7	38 PCB-52/69	31.30	31.28	7.351e4	9.379e4	0.770	0.78	NO	431.12	431.12
8	40 PCB-43/49	31.59	31.60	4.667e4	6.095e4	0.770	0.77	NO	318.39	318.39
9	41 PCB-47	31.82	31.82	1.999e4	2.483e4	0.770	0.80	NO	132.68	132.68
10	42 PCB-48/75	31.93	31.95	1.215e4	1.477e4	0.770	0.82	NO	65.594	65.594
11	47 PCB-41/64/17/2	33.49	33.68	3.615e4	4.777e4	0.770	0.76	NO	192.88	192.88



#	Name	Resp	RA	n/y	RRF	wAol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2959		15.9	2980
229	229 3rd Function Penta-PCBs				1.3157	5.035	0.00		0.000		NO	3797		18.2	3904

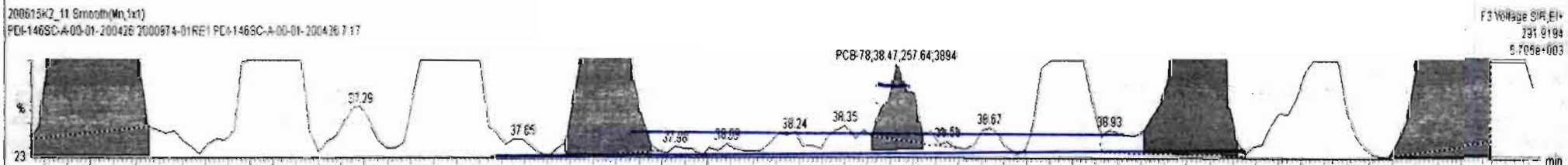
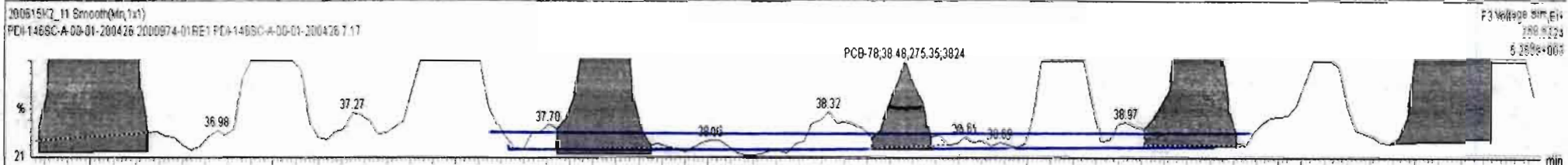
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	32 PCB-54	27.62	27.64	3.170e2	4.770e2	0.770	0.66	NO	1.8442	1.8442
2	33 PCB-50	28.81	28.83	2.542e2	3.088e2	0.770	0.82	NO	1.6056	1.6056
3	34 PCB-53	29.51	29.50	7.599e3	9.343e3	0.770	0.79	NO	50.494	50.494
4	35 PCB-51	29.85	29.85	3.057e3	3.916e3	0.770	0.78	NO	19.680	19.680
5	36 PCB-45	30.30	30.30	5.781e3	7.688e3	0.770	0.75	NO	47.171	47.171
6	37 PCB-46	30.80	30.80	2.490e3	3.374e3	0.770	0.74	NO	21.220	21.220
7	38 PCB-5269	31.30	31.26	7.351e4	9.379e4	0.770	0.78	NO	431.12	431.12
8	40 PCB-4349	31.59	31.60	4.667e4	6.095e4	0.770	0.77	NO	318.39	318.39
9	41 PCB-47	31.82	31.82	1.999e4	2.483e4	0.770	0.80	NO	132.68	132.68
10	42 PCB-4875	31.95	31.95	1.215e4	1.477e4	0.770	0.82	NO	65.594	65.594
11	45 PCB-44	32.66	32.72	4.330e4	5.434e4	0.770	0.80	NO	323.34	323.34



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#	Name	Resp	RA	n/y	R/R	wAol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
228	228 Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2655		15.9	2663
229	229 3rd Function Penta-PCBs				1.3157	5.035	0.00		0.000		NO	3797		19.2	3804

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.62	27.64	3.170e2	4.770e2	0.770	0.66	NO	1.8442	1.8442
2	33 PCB-50	28.81	28.83	2.542e2	3.088e2	0.770	0.82	NO	1.6056	1.6056
3	34 PCB-53	29.51	29.50	7.398e3	9.343e3	0.770	0.79	NO	50.494	50.494
4	35 PCB-51	28.85	28.85	3.057e3	3.916e3	0.770	0.78	NO	19.680	19.680
5	36 PCB-45	30.30	30.30	5.781e3	7.688e3	0.770	0.75	NO	47.171	47.171
6	37 PCB-46	30.80	30.80	2.490e3	3.374e3	0.770	0.74	NO	21.220	21.220
7	38 PCB-52/69	31.30	31.28	7.351e4	9.379e4	0.770	0.78	NO	431.12	431.12
8	40 PCB-43/49	31.59	31.60	4.667e4	6.095e4	0.770	0.77	NO	318.39	318.39
9	41 PCB-47	31.82	31.82	1.999e4	2.483e4	0.770	0.80	NO	132.68	132.68
10	42 PCB-48/75	31.93	31.95	1.215e4	1.477e4	0.770	0.82	NO	65.594	65.594
11	47 PCB-41/64/71/72	33.49	33.68	3.623e4	4.797e4	0.770	0.76	NO	193.55	193.55



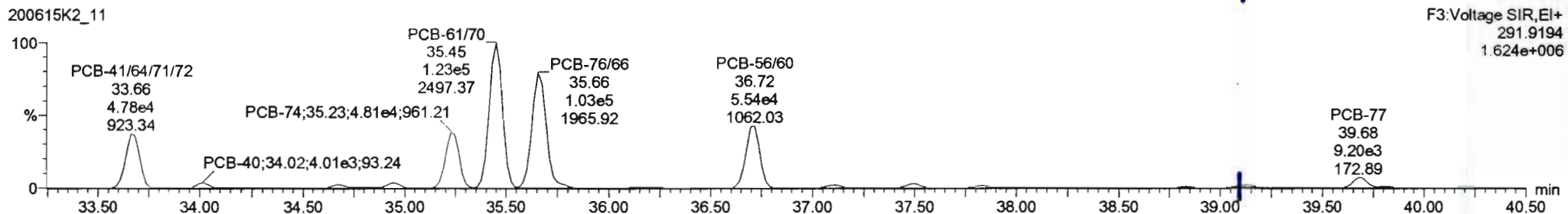
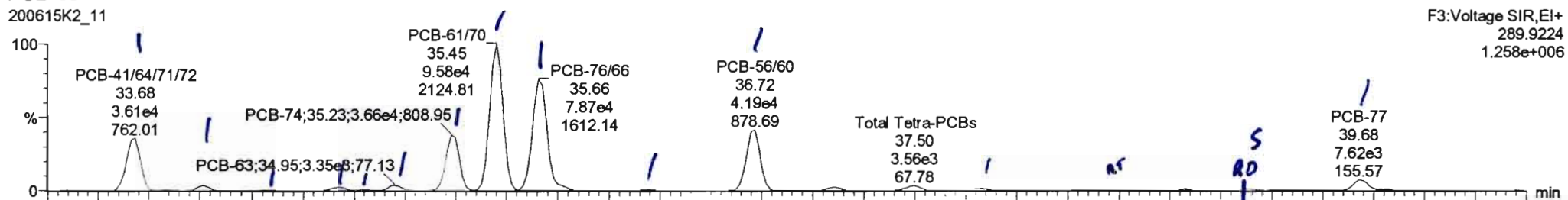
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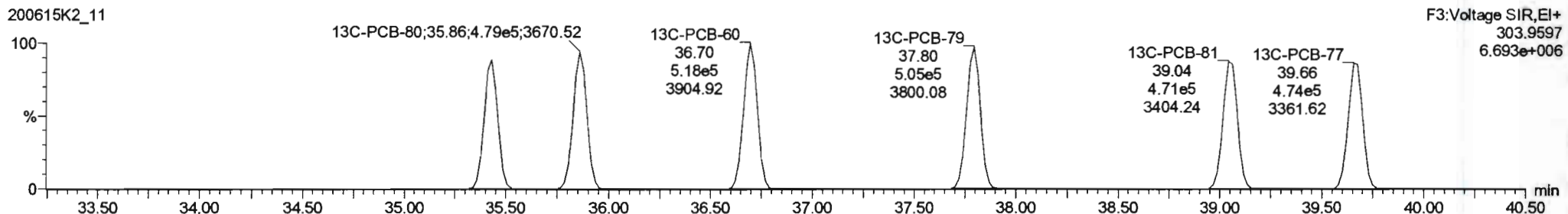
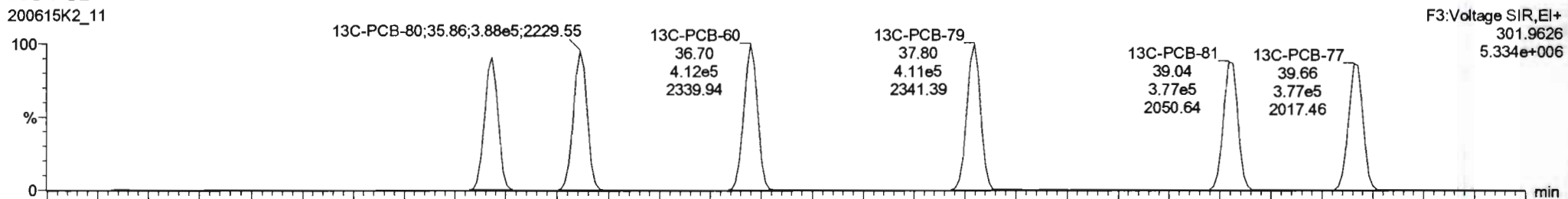
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

PCB-68



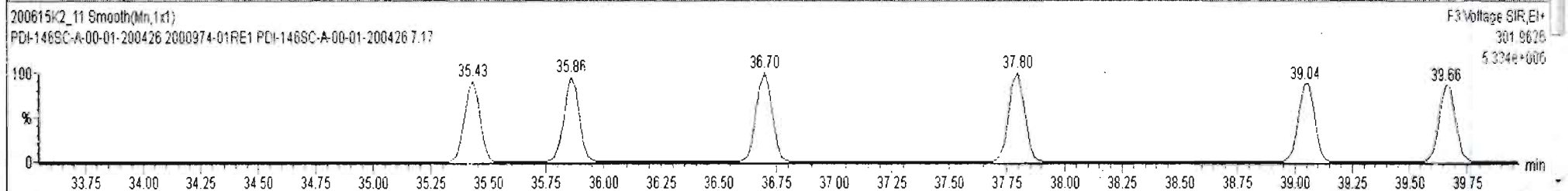
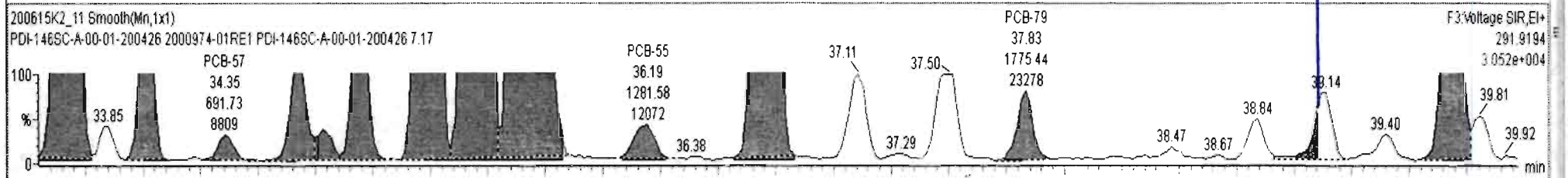
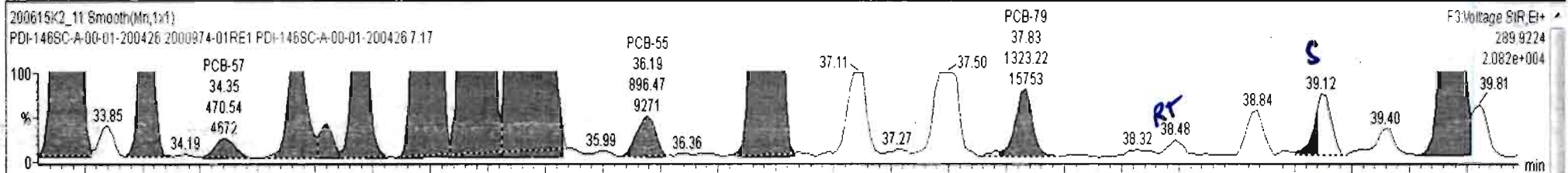
13C-PCB-60



200615K2\_11 - 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17 - PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2655		15.9	2657

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
11	47 PCB-41.647/172	33.49	33.68	3.623e4	4.797e4	0.770	0.76	NO	193.55	193.55
12	49 PCB-40	33.97	34.02	2.962e3	4.046e3	0.770	0.73	NO	31.771	31.771
13	50 PCB-57	34.34	34.35	4.705e2	6.917e2	0.770	0.68	NO	2.3845	2.3845
14	51 PCB-67	34.66	34.67	2.529e3	3.010e3	0.770	0.84	NO	12.191	12.191
15	52 PCB-58	34.78	34.80	5.004e2	6.544e2	0.770	0.76	NO	2.2885	2.2885
16	53 PCB-63	34.93	34.95	3.363e3	4.334e3	0.770	0.78	NO	17.133	17.133
17	54 PCB-74	35.23	35.23	3.671e4	4.812e4	0.770	0.76	NO	170.79	170.79
18	55 PCB-61/70	35.45	35.45	9.610e4	1.231e5	0.770	0.78	NO	496.19	496.19
19	56 PCB-76/66	35.64	35.66	7.909e4	1.035e5	0.770	0.76	NO	374.07	374.07
20	58 PCB-55	36.20	36.19	8.965e2	1.262e3	0.770	0.70	NO	4.2672	4.2672
21	59 PCB-56/60	36.72	36.72	4.203e4	5.567e4	0.770	0.75	NO	219.81	219.81
22	60 PCB-79	37.62	37.63	1.323e3	1.775e3	0.770	0.75	NO	6.2338	6.2338
23	62 PCB-81	39.06	39.10	3.075e2	4.836e2	0.770	0.64	YES	1.5816	0.00000
24	63 PCB-77	39.68	39.67	7.621e3	9.266e3	0.770	0.82	NO	34.657	34.657



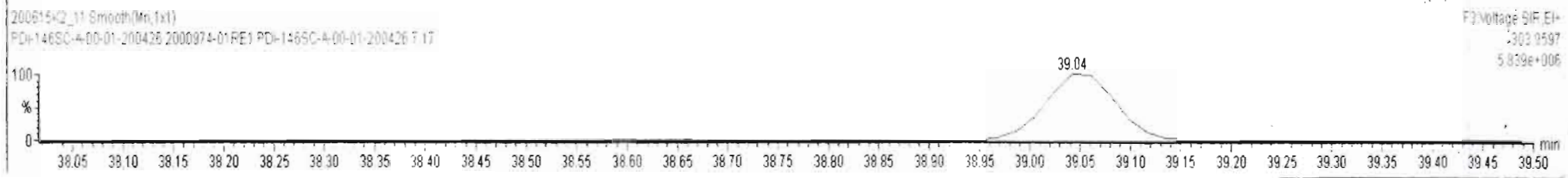
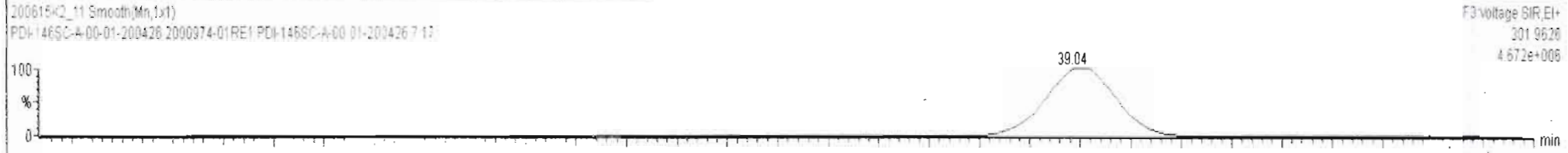
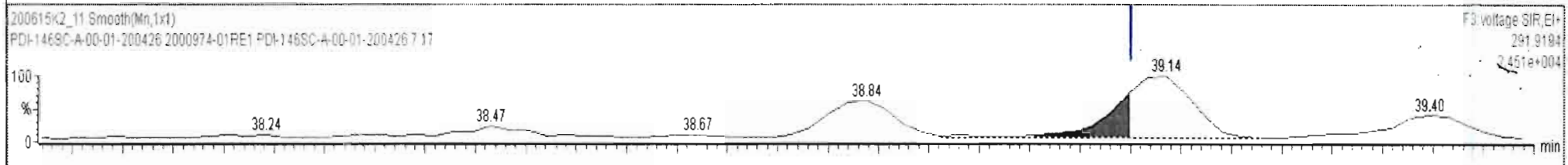
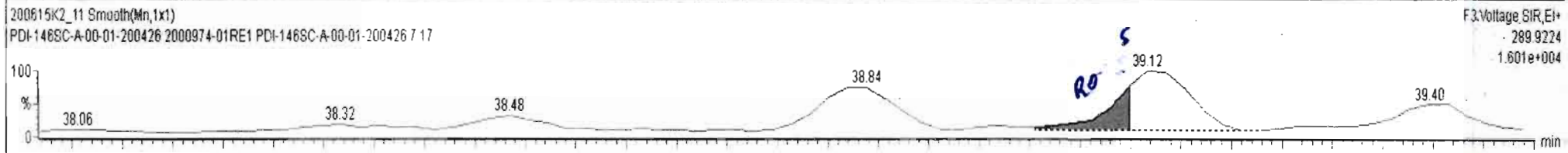




200615K2\_11 - 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17 - PDI-146SC-A-00-01-200426

#	Name	Resp	RA	n/y	RRF	wtVcl	Pred.RT	RT	Pred.R...	RRT	RRT Fat	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	5.035	0.00		0.000		NO	2655		15.9	2657

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
15	52 PCB-58	34.78	34.80	5.004e2	6.544e2	0.770	0.76	NO	2.2885	2.2885
16	53 PCB-63	34.93	34.95	3.363e3	4.334e3	0.770	0.78	NO	17.133	17.133
17	54 PCB-74	35.23	35.23	3.671e4	4.812e4	0.770	0.76	NO	170.79	170.79
18	55 PCB-6170	35.45	35.45	9.610e4	1.231e5	0.770	0.78	NO	496.19	496.19
19	56 PCB-7666	35.64	35.66	7.909e4	1.035e5	0.770	0.76	NO	374.07	374.07
20	58 PCB-55	36.20	36.19	8.965e2	1.282e3	0.770	0.70	NO	4.2672	4.2672
21	59 PCB-5660	36.72	36.72	4.203e4	5.567e4	0.770	0.75	NO	219.81	219.81
22	60 PCB-79	37.82	37.83	1.323e3	1.775e3	0.770	0.75	NO	6.2338	6.2338
23	62 PCB-81	39.06	39.10	3.075e2	4.836e2	0.770	0.64	YES	1.5816	0.00000
24	63 PCB-77	39.68	39.67	7.621e3	9.268e3	0.770	0.82	NO	34.657	34.657



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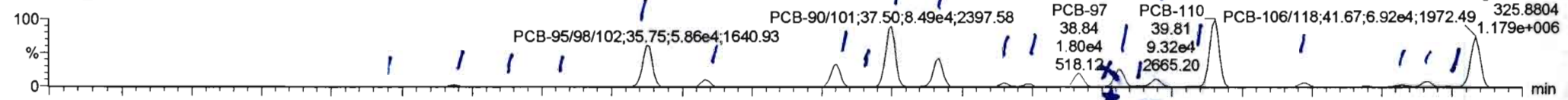
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*\* by 06-18-2020*

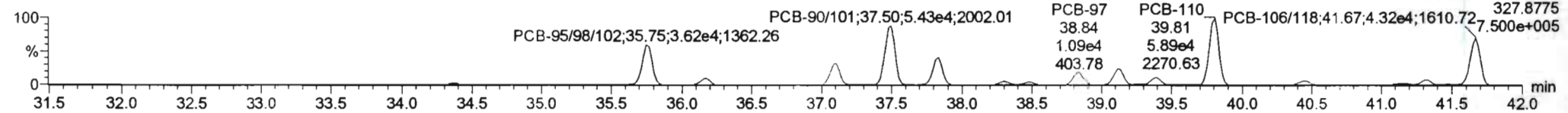
Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

**PCB-104**

200615K2\_11

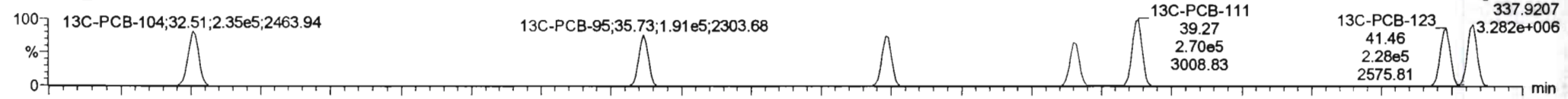


200615K2\_11

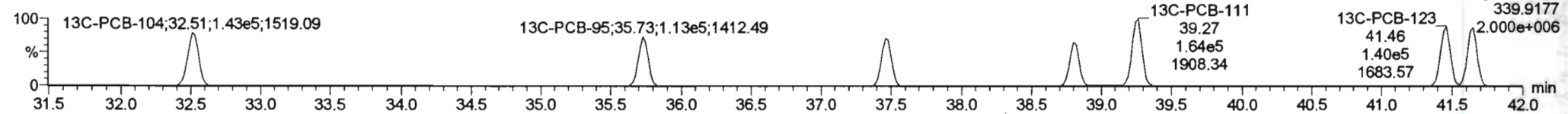


**13C-PCB-104**

200615K2\_11

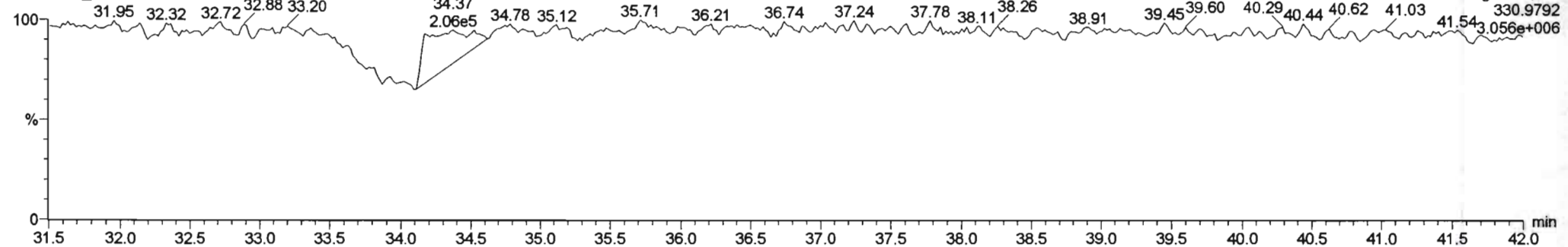


200615K2\_11



**PFK3b**

200615K2\_11



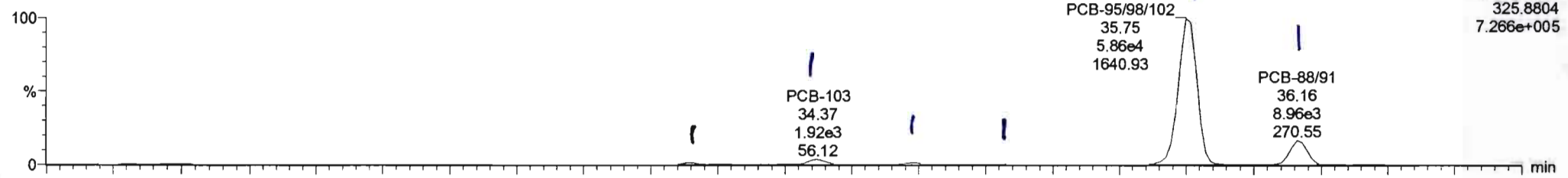
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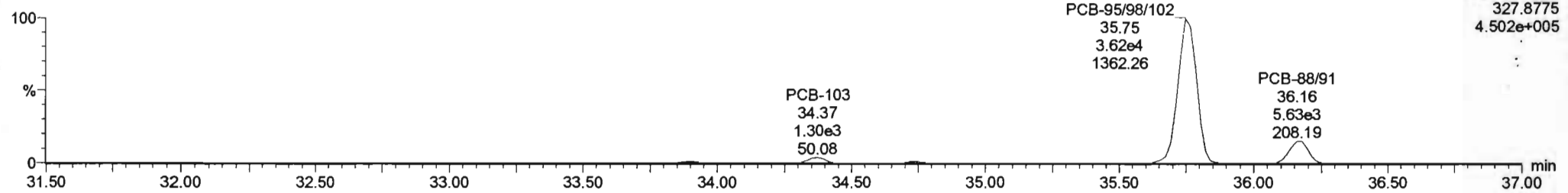
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**PCB-96**

200615K2\_11

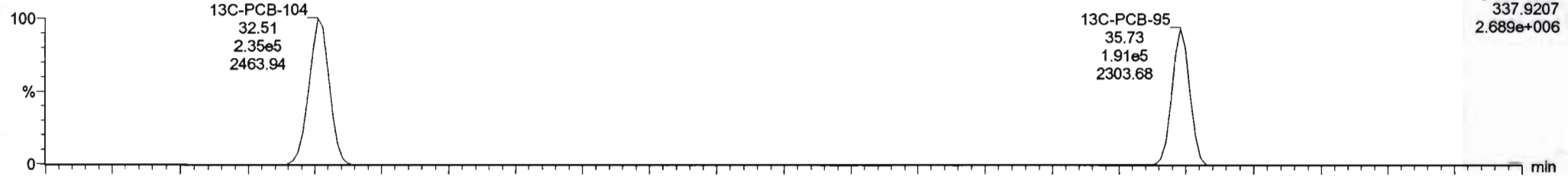


200615K2\_11

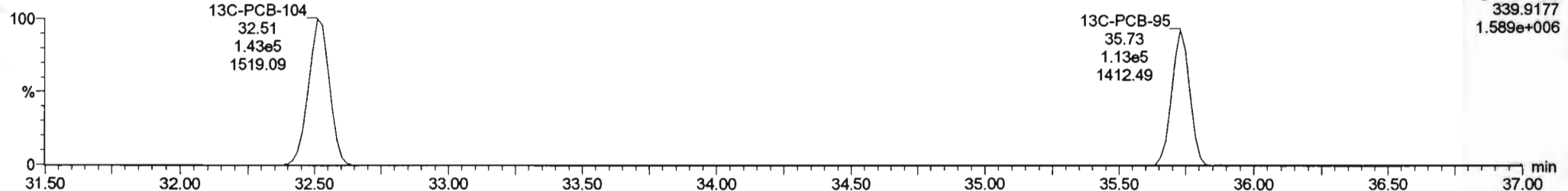


**13C-PCB-95**

200615K2\_11



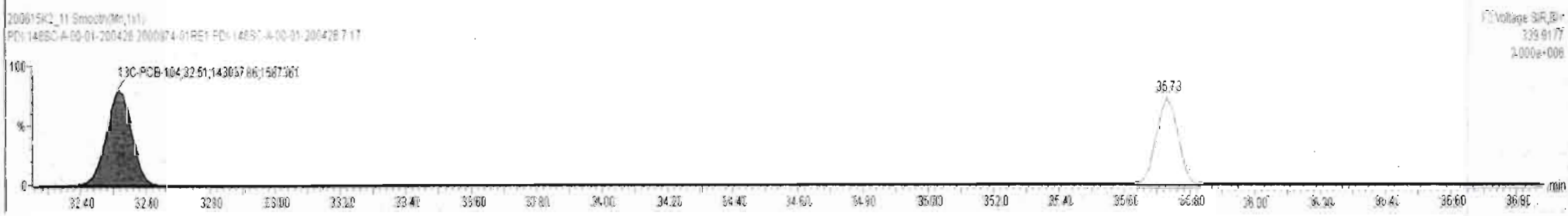
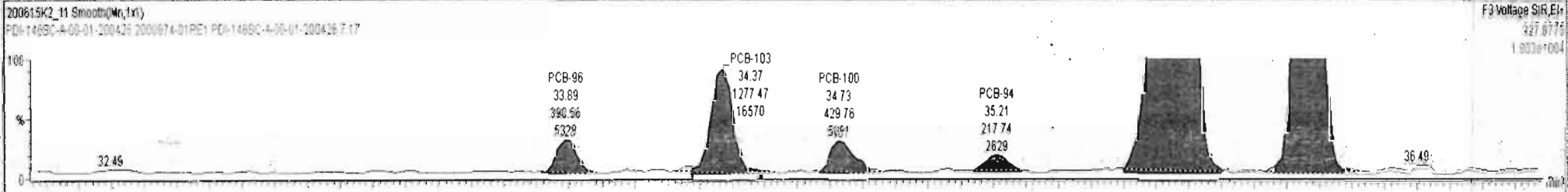
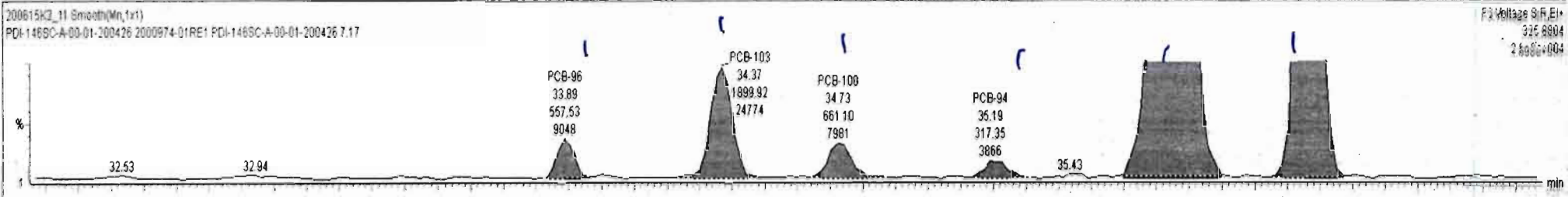
200615K2\_11



#	Name	Resp	RA	n/y	RRF	w/Vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	5.035	0.00		0.000		NO	3799		18.2	3806
230	230 4th Function Penta-PCBs				1.0735	5.035	0.00		0.000		NO	145.1		2.70	161.9
231	231 3rd Function Hexa-PCBs				0.9505	5.035	0.00		0.000		NO	1308		11.31	1508

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
1	65 PCB-96	33.85	33.89	5.575e2	3.906e2	1.560	1.43	NO	4.3112	4.3112
2	66 PCB-103	34.42	34.37	1.900e3	1.277e3	1.560	1.49	NO	17.802	17.802
3	67 PCB-100	34.77	34.73	6.611e2	4.298e2	1.560	1.54	NO	6.0022	6.0022
4	68 PCB-94	35.21	35.19	3.174e2	2.177e2	1.560	1.46	NO	3.6761	3.6761
5	69 PCB-95/98/102	35.69	35.75	5.881e4	3.628e4	1.560	1.62	NO	514.64	514.64
6	71 PCB-88/91	36.16	36.16	8.895e3	5.620e3	1.560	1.60	NO	89.475	89.475

+ 0.04  
- 0.05  
- 0.04  
- 0.07



Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time

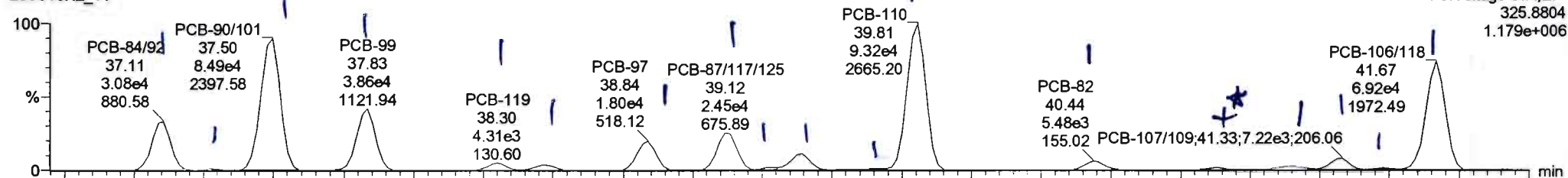
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*\* Uly 06182020*

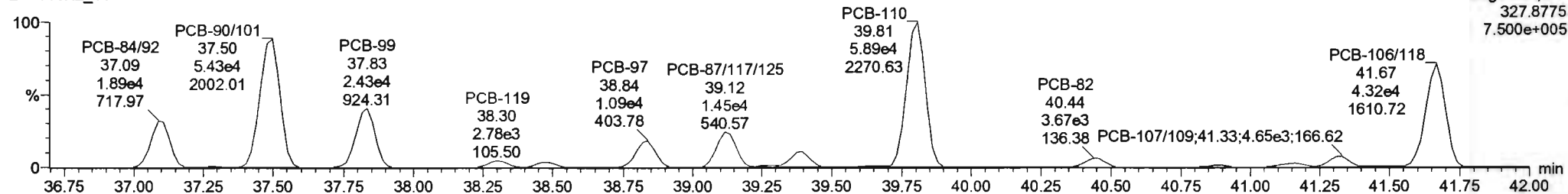
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**PCB-119**

200615K2\_11

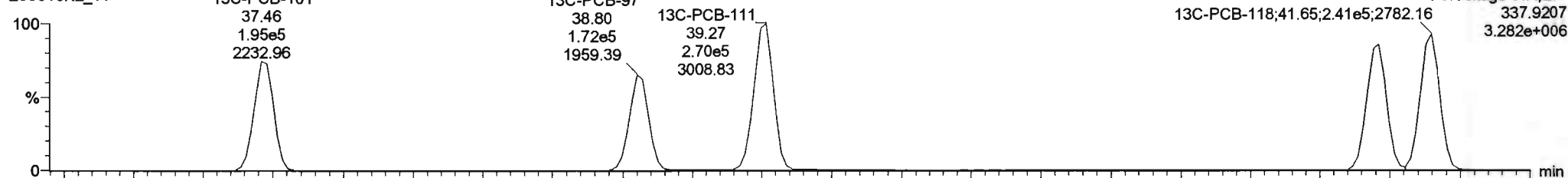


200615K2\_11

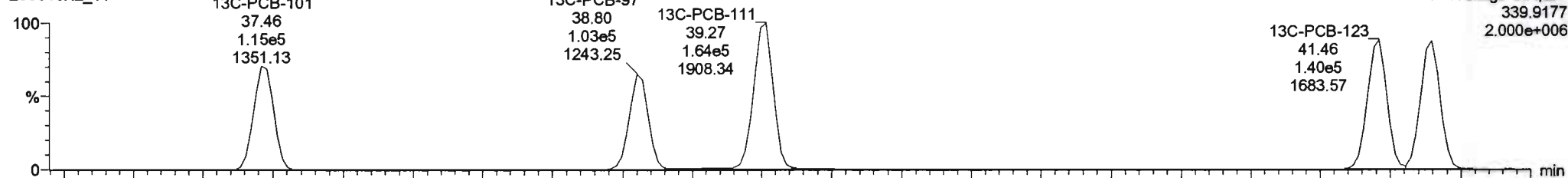


**13C-PCB-111**

200615K2\_11

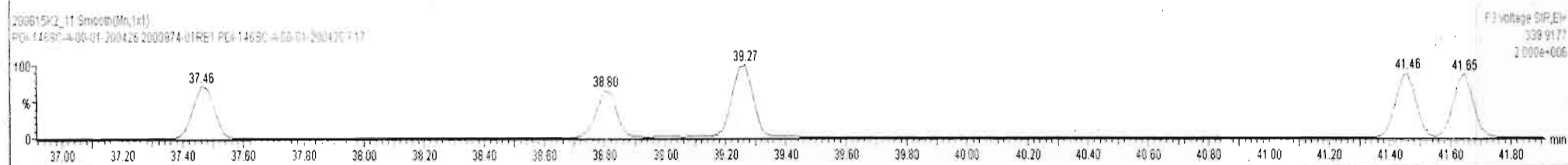
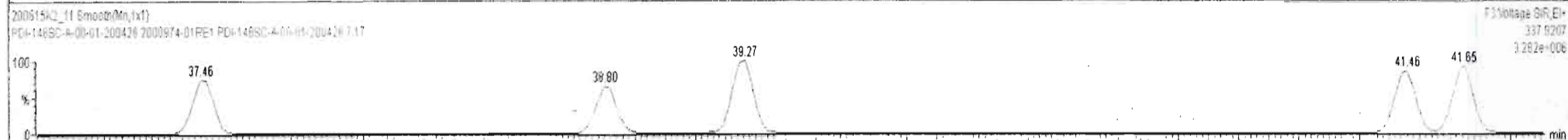
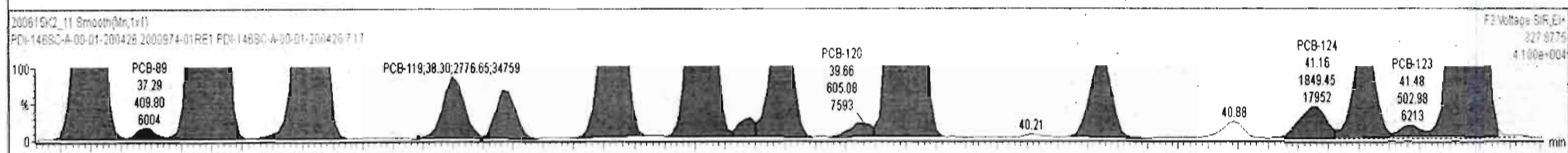
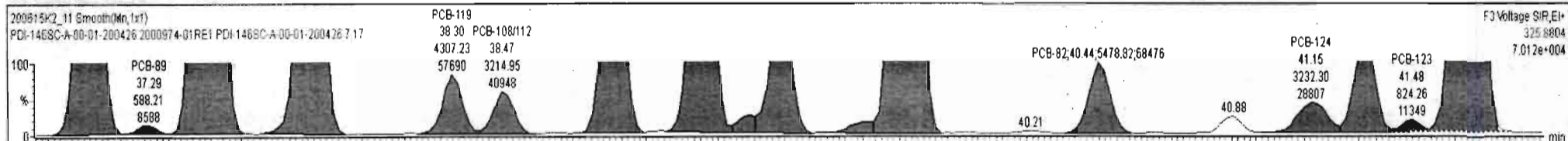


200615K2\_11



#	Name	Resp	RA	n/y	R/R	wt/vol	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc	%Rec	DL	EMPC	
229	229 3rd Function Penta-PCBs					1.3157	5.035	0.00		0.000		NO	3803		18.2	3803

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
7	73 PCB-8492	37.10	37.11	3.078e4	1.891e4	1.560	1.63	NO	313.50	313.50
8	74 PCB-89	37.27	37.29	5.882e2	4.098e2	1.560	1.44	NO	5.7992	5.7992
9	75 PCB-90/101	37.48	37.50	8.488e4	5.434e4	1.560	1.56	NO	796.37	796.37
10	77 PCB-99	37.81	37.83	3.857e4	2.427e4	1.560	1.59	NO	305.45	305.45
11	78 PCB-119	38.30	38.30	4.307e3	2.777e3	1.560	1.55	NO	28.405	28.405
12	79 PCB-108/112	38.45	38.47	3.215e3	2.093e3	1.560	1.54	NO	26.592	26.592
13	81 PCB-97	38.82	38.84	1.804e4	1.091e4	1.560	1.65	NO	163.49	163.49
14	83 PCB-87/117/125	39.12	39.12	2.451e4	1.453e4	1.560	1.69	NO	181.25	181.25
15	84 PCB-111/115	39.27	39.26	1.019e3	6.016e2	1.560	1.69	NO	6.1423	6.1423
16	85 PCB-85/116	39.40	39.40	1.053e4	6.354e3	1.560	1.66	NO	86.642	86.642
17	86 PCB-120	39.66	39.66	9.386e2	6.051e2	1.560	1.55	NO	5.5659	5.5659
18	87 PCB-110	39.79	39.81	9.319e4	5.885e4	1.560	1.58	NO	631.56	631.56
19	88 PCB-82	40.46	40.44	5.479e3	3.667e3	1.560	1.49	NO	63.129	63.129
20	89 PCB-124	41.17	41.15	3.232e3	1.849e3	1.560	1.75	NO	19.618	19.618
21	90 PCB-107/109	41.31	41.33	7.222e3	4.560e3	1.560	1.58	NO	47.351	47.351
22	91 PCB-123	41.48	41.48	8.243e2	5.030e2	1.560	1.64	NO	5.9747	5.9747
23	92 PCB-106/118	41.69	41.67	6.917e4	4.288e4	1.560	1.61	NO	480.35	480.35



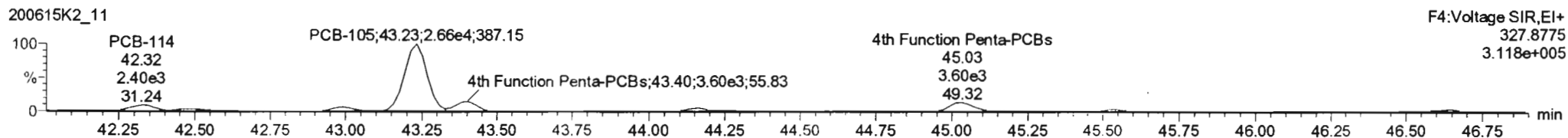
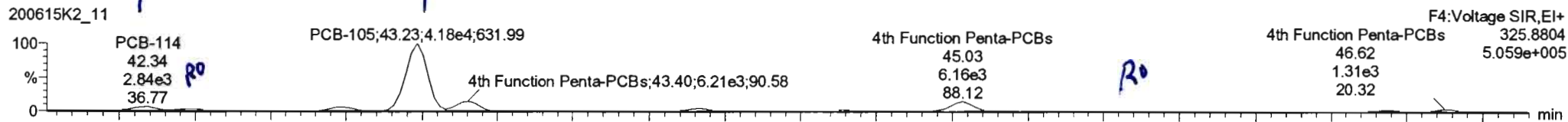
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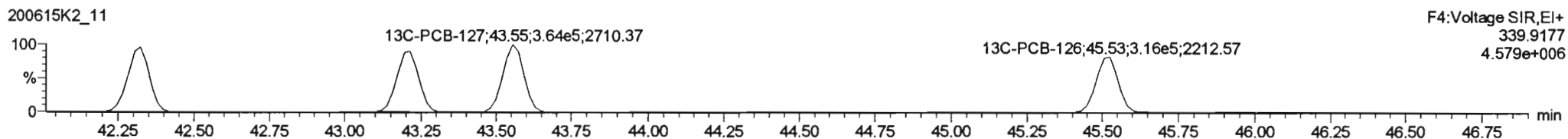
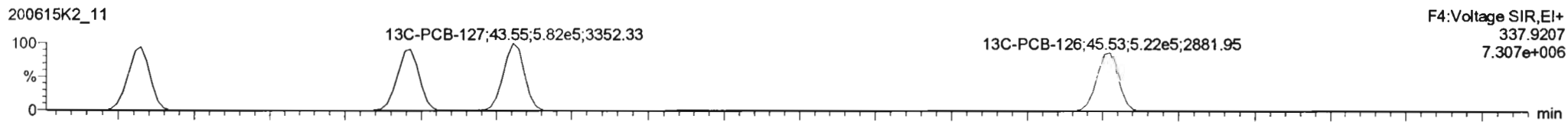
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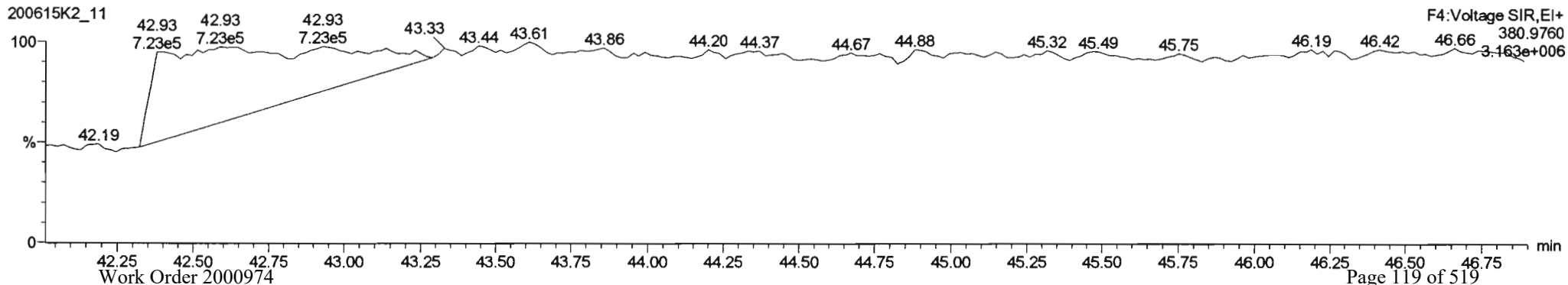
**PCB-114**



**13C-PCB-114**

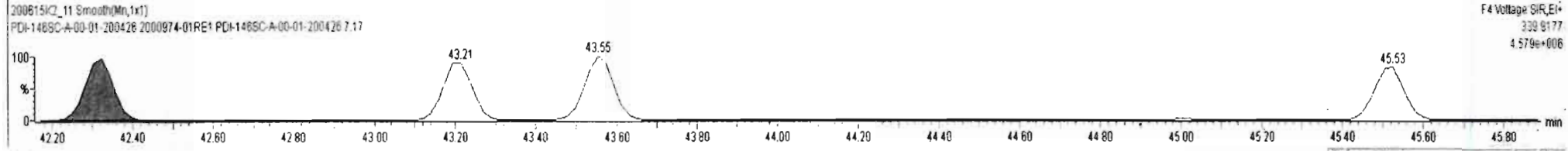
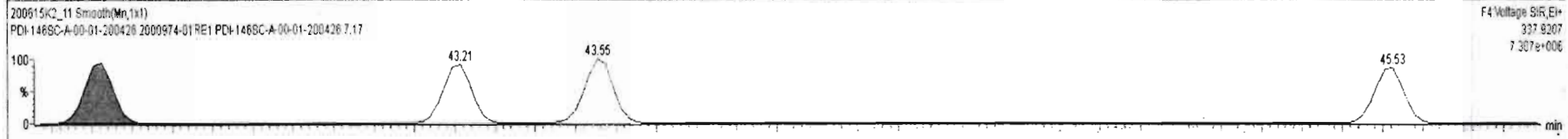
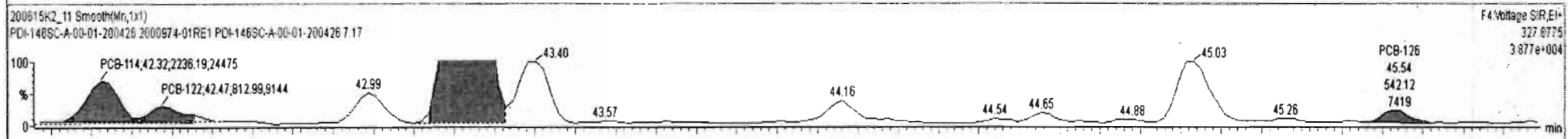
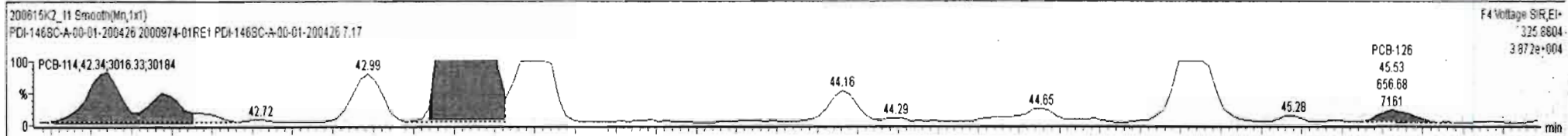


**PFK4a**



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	5.035	0.00		0.000		NO	154.0		2.70	161.0
231	231 3rd Function Hexa-PCBs				0.9505	5.035	0.00		0.000		NO	1336		11.3	1508
232	232 4th Function Hexa-PCBs				1.0316	5.035	0.00		0.000		NO	2834		12.3	2856

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.34	42.34	3.016e3	2.236e3	1.560	1.35	NO	9.9996	9.9996
2	94 PCB-122	42.49	42.47	1.583e3	8.130e2	1.560	1.95	YES	4.7884	0.00000
3	95 PCB-105	43.23	43.23	4.146e4	2.648e4	1.550	1.57	NO	144.00	144.00
4	97 PCB-126	45.54	45.53	6.567e2	5.421e2	1.560	1.21	YES	2.1767	0.00000





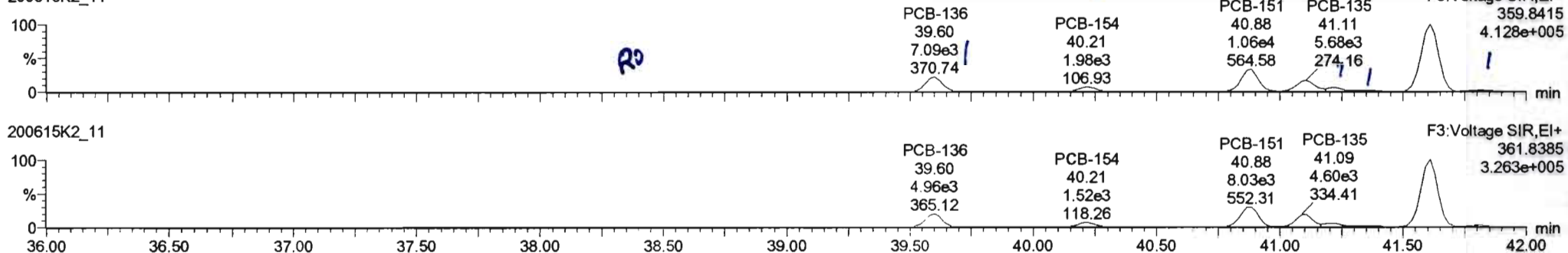
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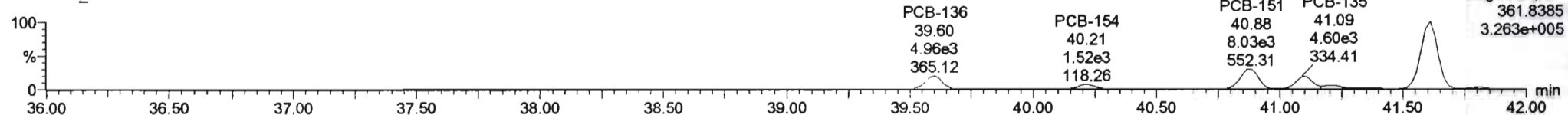
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**PCB-155**

200615K2\_11

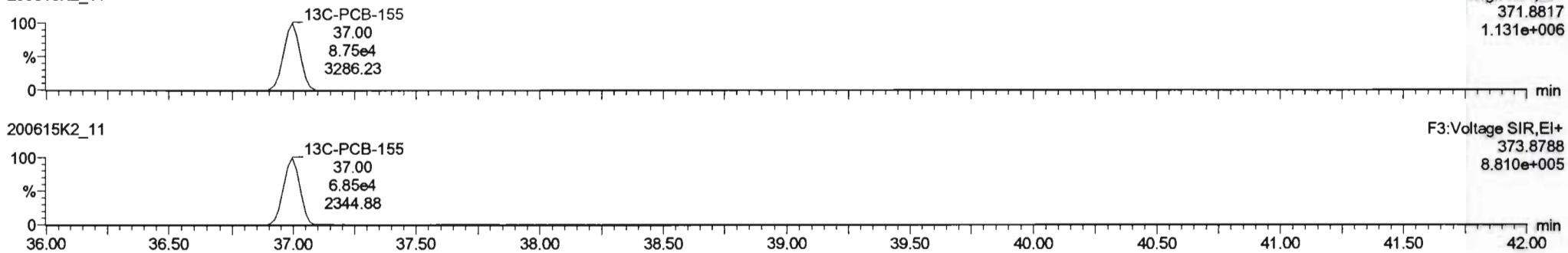


200615K2\_11

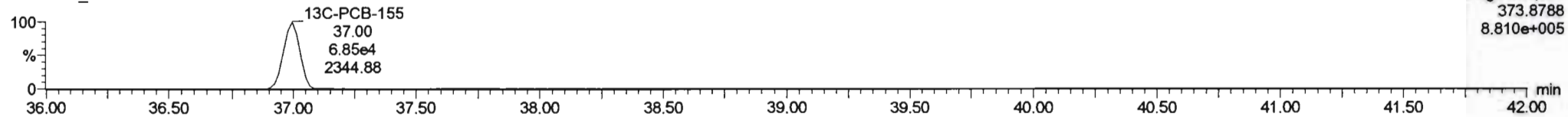


**13C-PCB-155**

200615K2\_11

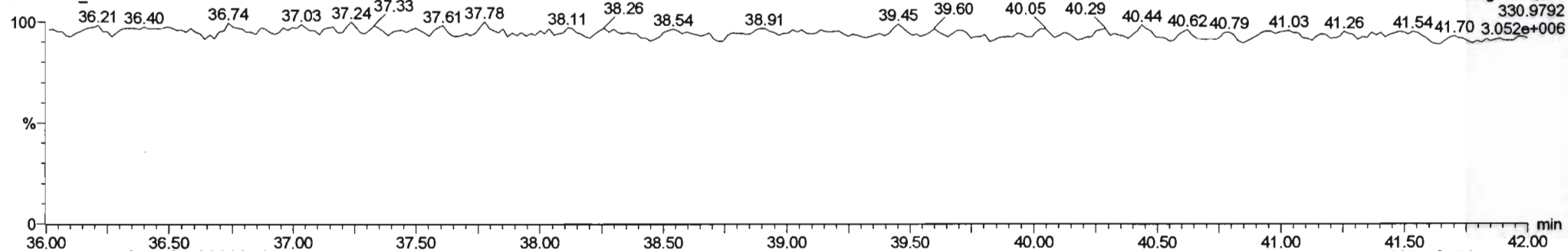


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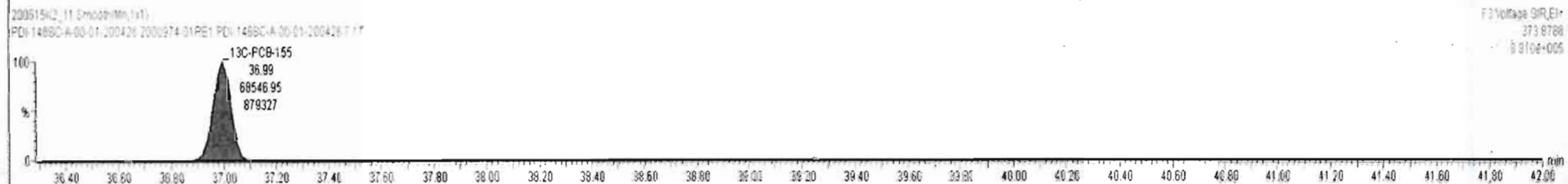
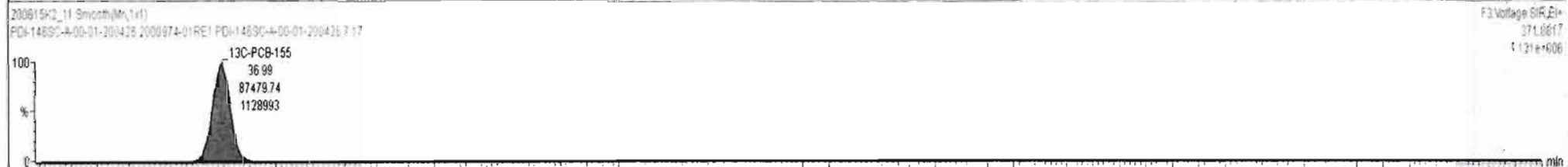
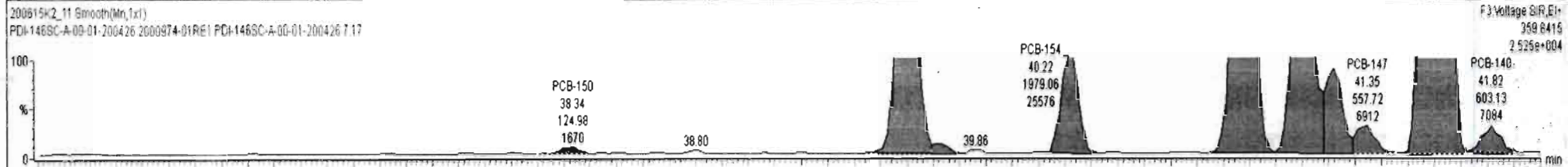
**PFK3c**

200615K2\_11



#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	5.035	0.00		0.000		NO	1523		11.3	1526
232	232 4th Function Hexa-PCBs				1.0316	5.035	0.00		0.000		NO	2834		12.3	2856
233	233 Total Hexa-PCBs				1.3551	5.035	0.00		0.000		NO	2733		15.6	2744

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	99 PCB-150	38.33	38.34	1.250e2	1.520e2	1.240	0.82	YES	2.6524	0.00000
2	I... PCB-136	39.62	39.60	7.049e3	5.040e3	1.240	1.40	NO	150.70	150.70
3	I... PCB-148	39.73	39.71	1.852e2	1.641e2	1.240	1.13	NO	5.2835	5.2835
4	I... PCB-154	40.24	40.22	1.979e3	1.521e3	1.240	1.30	NO	46.473	46.473
5	I... PCB-151	40.90	40.88	1.057e4	8.030e3	1.240	1.32	NO	300.95	300.95
6	I... PCB-135	41.11	41.11	5.677e3	4.599e3	1.240	1.23	NO	141.82	141.82
7	I... PCB-144	41.22	41.22	1.585e3	1.325e3	1.240	1.20	NO	46.948	46.948
8	I... PCB-147	41.35	41.35	5.577e2	4.066e2	1.240	1.37	NO	14.707	14.707
9	I... PCB-138n49	41.64	41.61	3.354e4	2.571e4	1.240	1.30	NO	795.81	795.81
10	I... PCB-140	41.82	41.82	6.031e2	5.413e2	1.240	1.11	NO	18.355	18.355

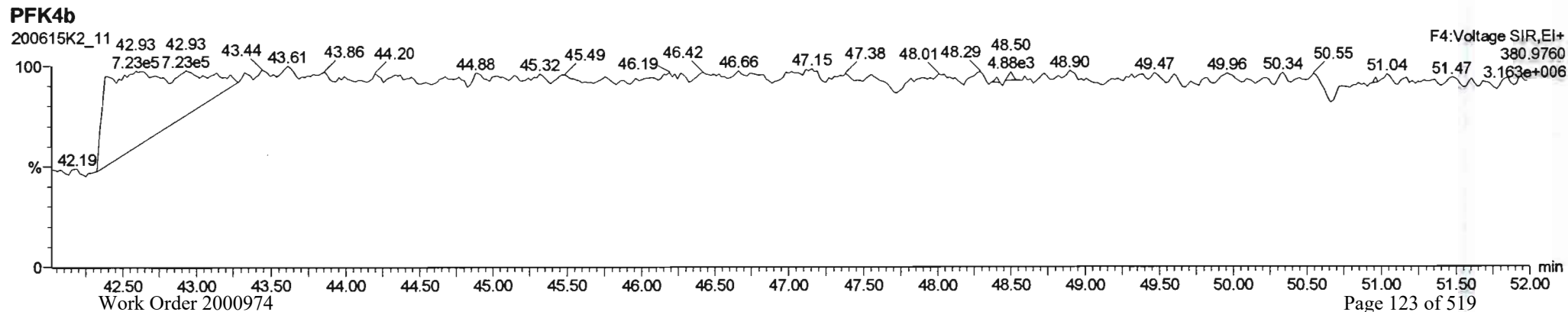
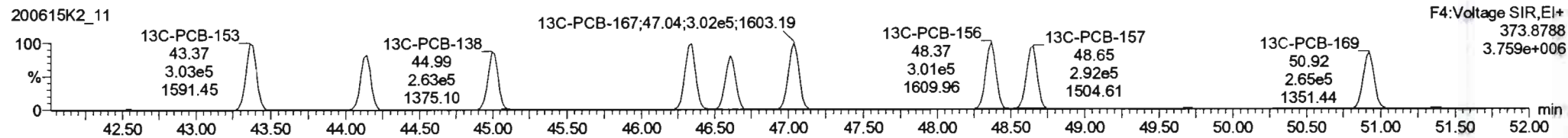
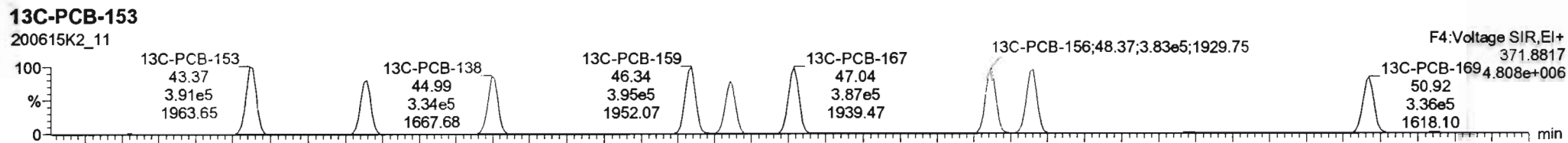
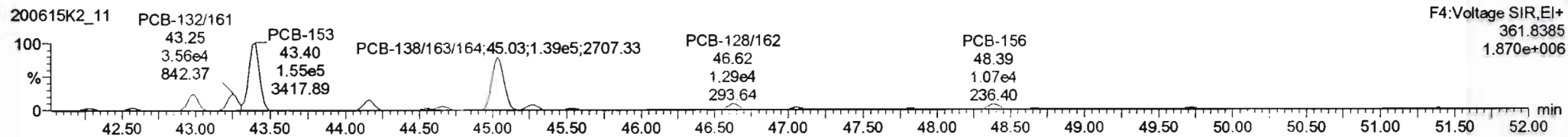
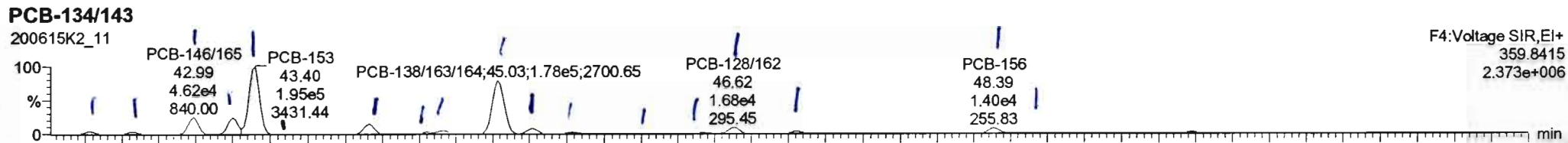


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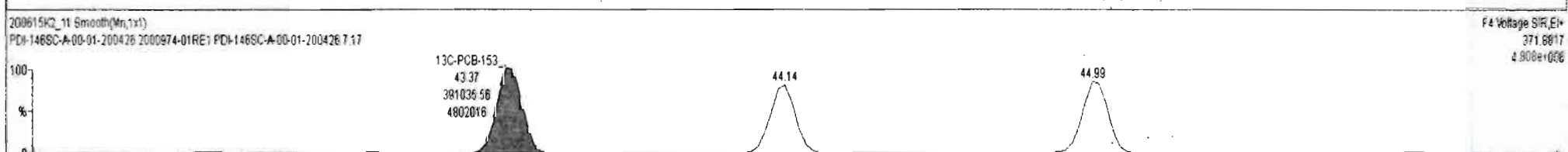
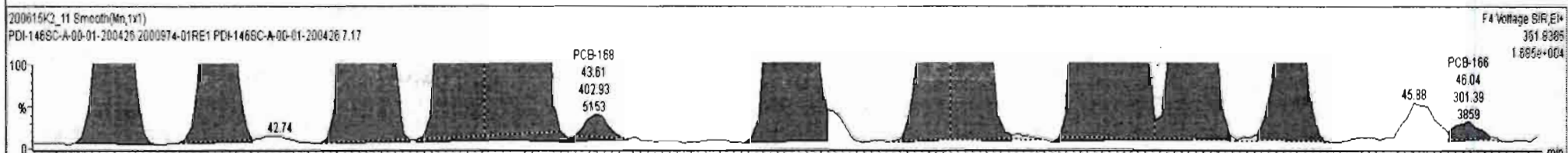
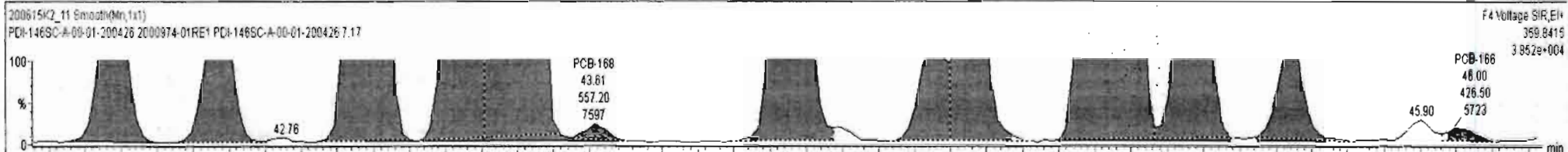
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426



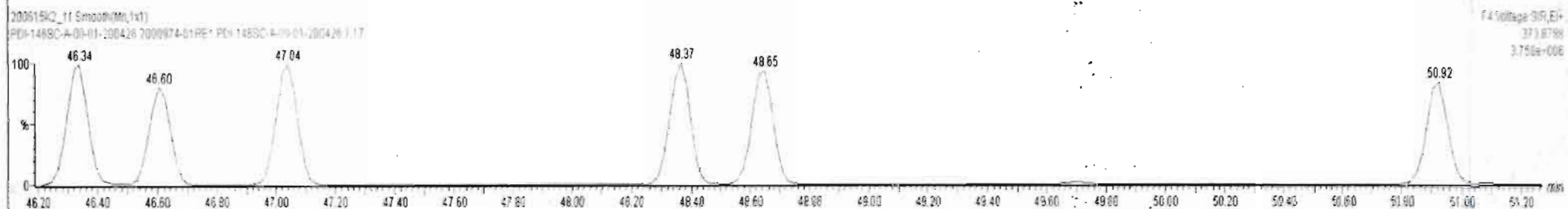
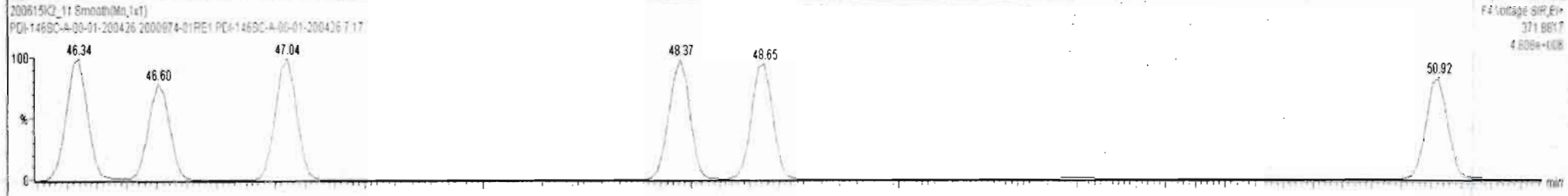
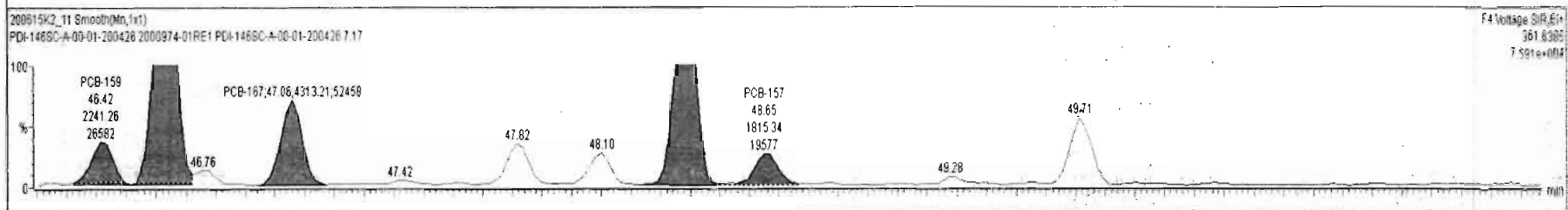
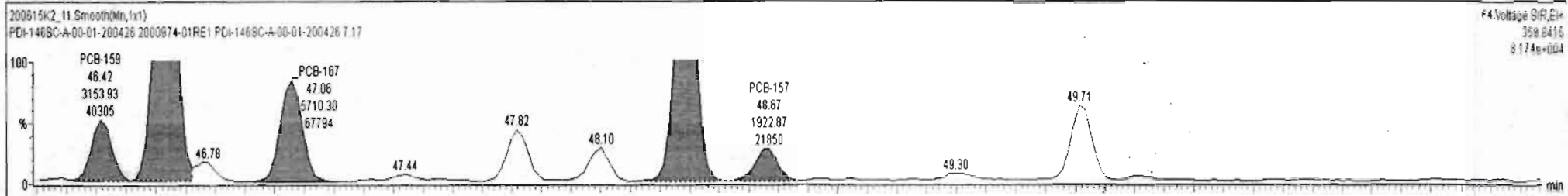
#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.RT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	5.035	0.00		0.000		NO	1523		11.3	1526
232	232 4th Function Hexa-PCBs				1.0316	5.035	0.00		0.000		NO	2642		12.3	2662
233	233 Total Hexa-PCBs				1.3551	5.035	0.00		0.000		NO	2733		15.6	2744

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	I... PCB-134/143	42.28	42.28	6.747e3	5.293e3	1.240	1.27	NO	45.384	45.384
2	I... PCB-131/133	42.58	42.57	5.863e3	4.781e3	1.240	1.23	NO	37.098	37.098
3	I... PCB-146/165	42.97	42.99	4.623e4	3.621e4	1.240	1.28	NO	232.00	232.00
4	I... PCB-132/161	43.20	43.25	4.366e4	3.573e4	1.240	1.22	NO	221.78	221.78
5	I... PCB-153	43.38	43.40	1.954e5	1.550e5	1.240	1.26	NO	936.30	936.30
6	I... PCB-168	43.61	43.61	5.572e2	4.029e2	1.240	1.38	NO	2.5438	2.5438
7	I... PCB-141	44.16	44.16	2.880e4	2.284e4	1.240	1.26	NO	178.37	178.37
8	I... PCB-137	44.56	44.56	3.920e3	3.128e3	1.240	1.26	NO	22.538	22.538
9	I... PCB-130	44.66	44.65	9.122e3	6.962e3	1.240	1.31	NO	64.419	64.419
10	I... PCB-138/163/164	45.03	45.03	1.778e5	1.390e5	1.240	1.28	NO	821.66	821.66
11	I... PCB-158/160	45.28	45.28	1.465e4	1.135e4	1.240	1.29	NO	69.827	69.827
12	I... PCB-129	45.54	45.54	3.726e3	3.038e3	1.240	1.23	NO	25.986	25.986
13	I... PCB-166	46.02	46.00	4.265e2	3.014e2	1.240	1.42	NO	1.7965	1.7965



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	5.035	0.00		0.000		NO	1523		11.3	1526
232	232 4th Function Hexa-PCBs				1.0316	5.035	0.00		0.000		NO	2866		12.3	2866
233	233 Total Hepta-PCBs				1.3551	5.035	0.00		0.000		NO	2733		15.6	2744

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc
14	I PCB-159	46.36	46.42	3.154e3	2.241e3	1.240	1.41	NO	12.511	12.511
15	I PCB-128/62	46.65	46.62	1.690e4	1.307e4	1.240	1.29	NO	93.192	93.192
16	I PCB-167	47.06	47.06	5.710e3	4.313e3	1.240	1.32	NO	26.049	26.049
17	I PCB-156	48.39	48.39	1.396e4	1.073e4	1.240	1.30	NO	63.684	63.684
18	I PCB-157	48.69	48.67	1.923e3	1.815e3	1.240	1.06	NO	10.669	10.669



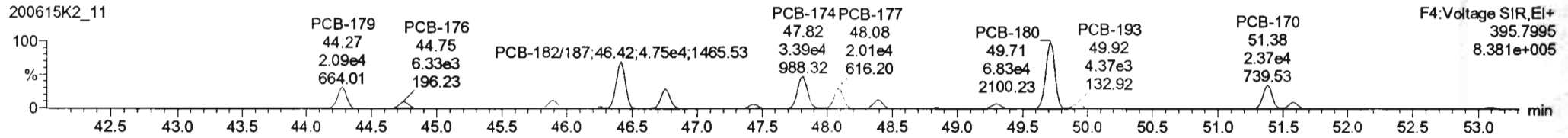
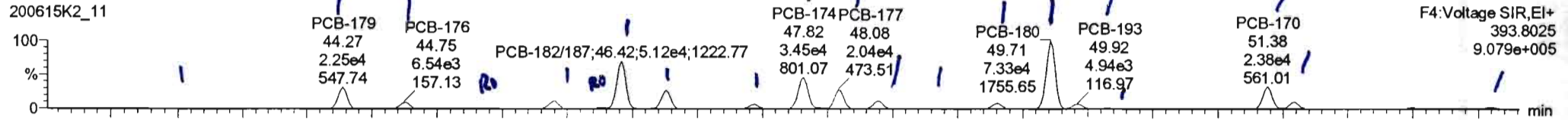
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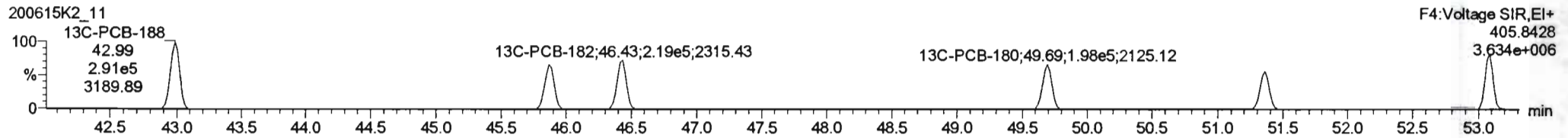
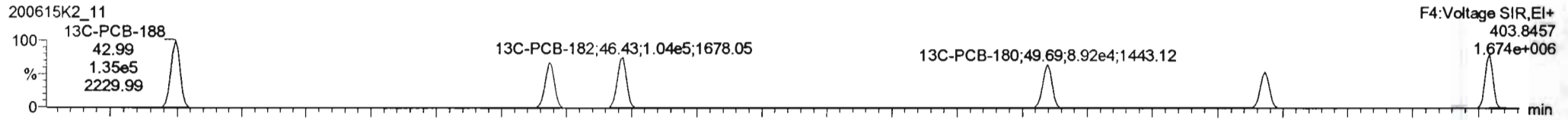
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Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

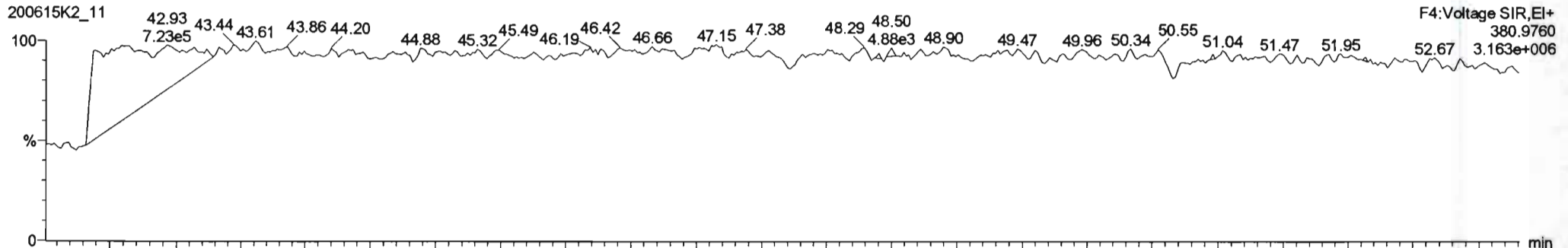
**PCB-188**



**13C-PCB-188**

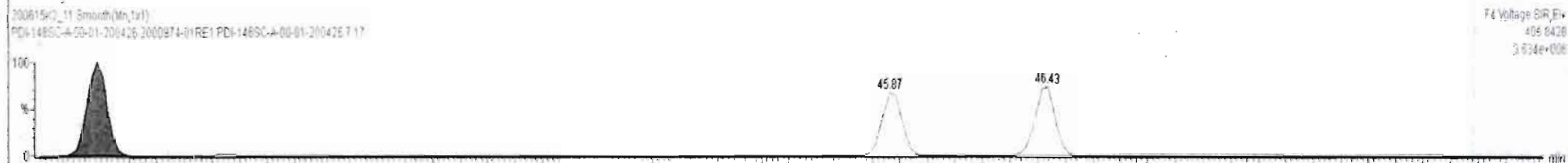
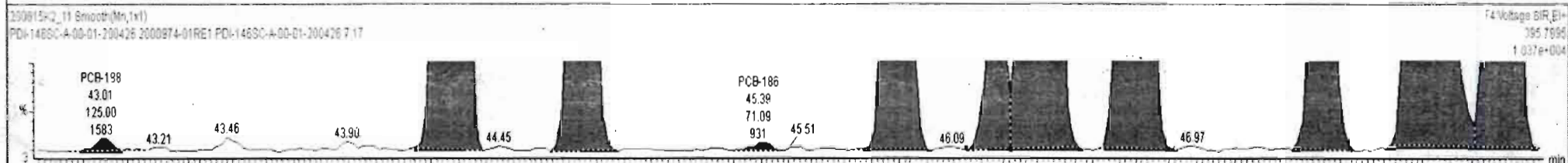
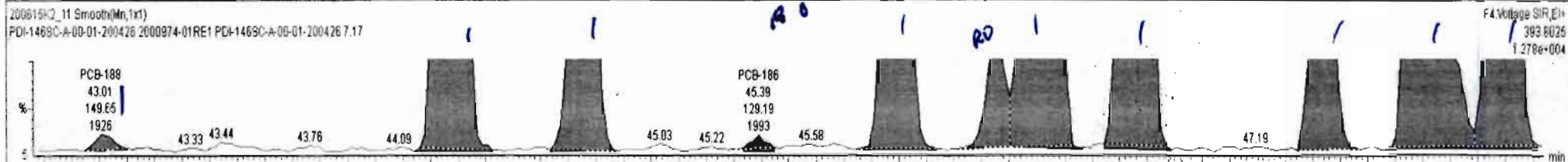


**PFK4c**



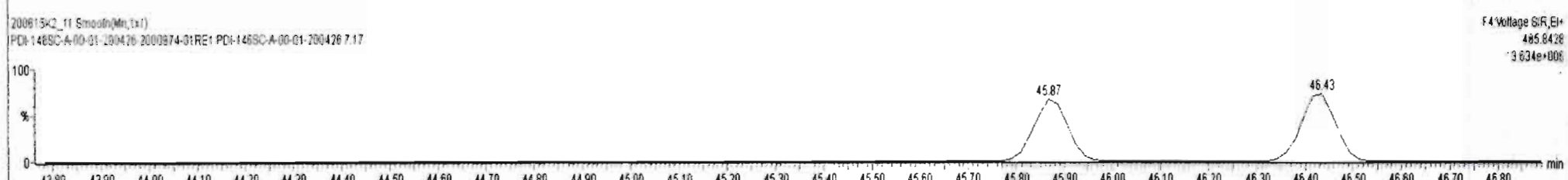
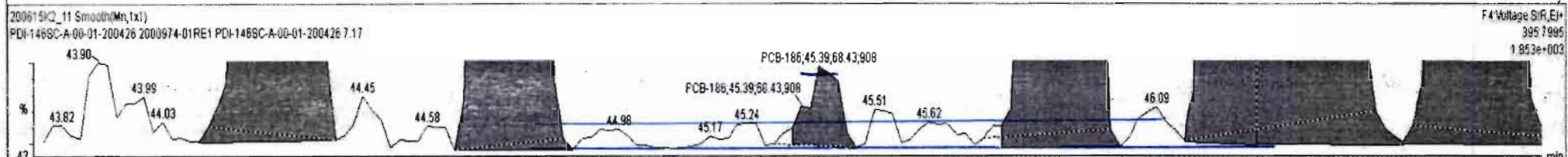
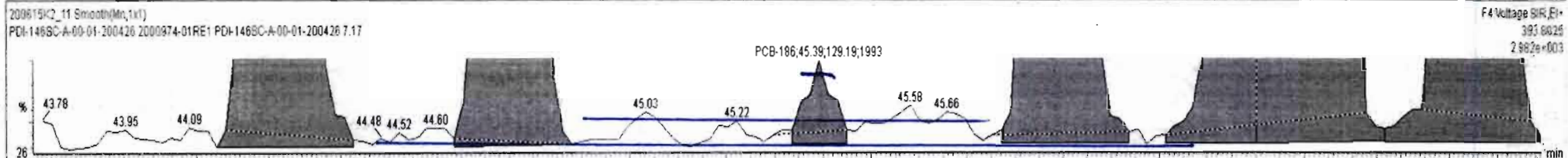
#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	5.035	0.00		0.000		NO	2737		15.6	2748
234	234 4th Function Octa-PCBs				1.0008	5.035	0.00		0.000		NO	507.9		18.7	515.5
235	235 5th Function Octa-PCBs				1.1499	5.035	0.00		0.000		NO	197.5		3.01	202.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1... PCB-188	43.02	43.01	1.497e2	1.250e2	1.050	1.20	NO	0.99259	0.99259
2	1... PCB-179	44.28	44.27	2.254e4	2.096e4	1.050	1.08	NO	156.21	156.21
3	1... PCB-176	44.74	44.75	6.588e3	6.342e3	1.050	1.04	NO	45.984	45.984
4	1... PCB-186	45.37	45.39	1.292e2	7.109e1	1.050	1.82	YES	0.51107	0.00000
5	1... PCB-178	45.89	45.90	8.060e3	7.676e3	1.050	1.05	NO	77.761	77.761
6	1... PCB-175	46.24	46.26	1.105e3	1.456e3	1.050	0.76	YES	10.517	0.00000
7	1... PCB-182/187	46.42	46.42	5.126e4	4.759e4	1.050	1.08	NO	432.15	432.15
8	1... PCB-183	46.76	46.76	1.985e4	1.906e4	1.050	1.04	NO	177.32	177.32
9	1... PCB-185	47.44	47.44	3.947e3	3.659e3	1.050	1.08	NO	37.451	37.451
10	1... PCB-174	47.82	47.82	3.480e4	3.400e4	1.050	1.02	NO	350.76	350.76
11	1... PCB-177	48.08	48.08	2.051e4	2.012e4	1.050	1.02	NO	220.10	220.10



#	Name	Resp	RA	nly	RRF	w/Mol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.3551	5.035	0.00		0.000		NO	2736		15.6	2750
234	234 4th Function Octa-PCBs				1.0008	5.035	0.00		0.000		NO	507.9		18.7	515.5
235	235 5th Function Octa-PCBs				1.1499	5.035	0.00		0.000		NO	197.51		3.01	202.9

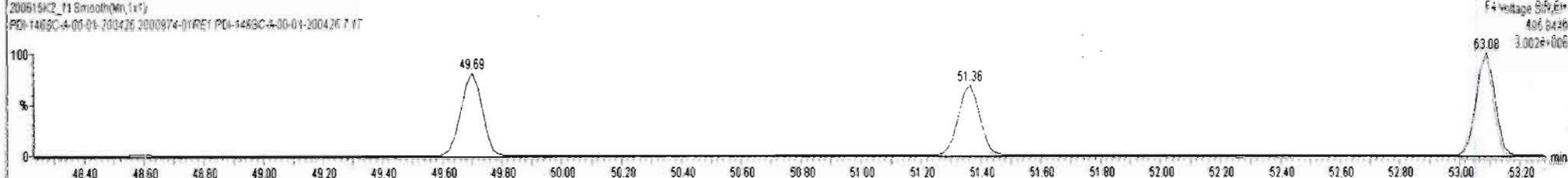
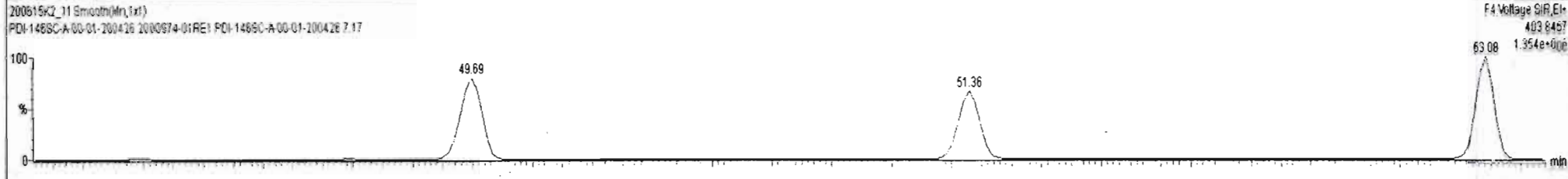
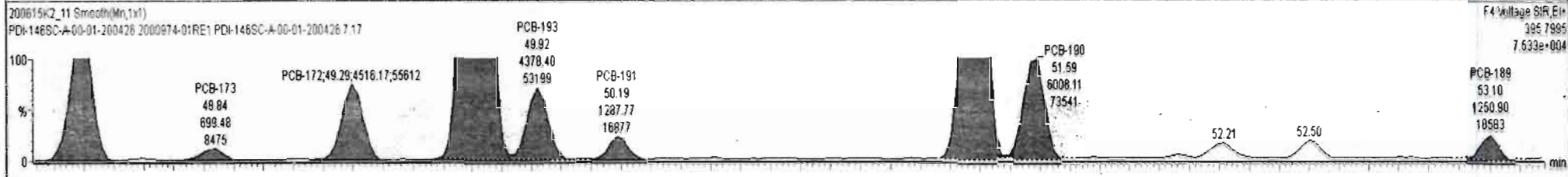
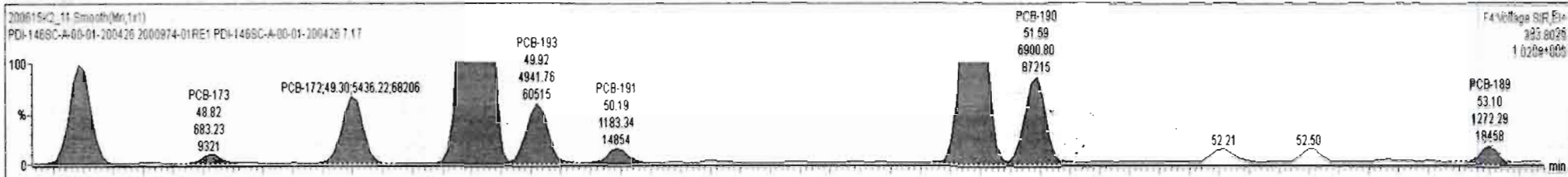
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	1... PCB-188	43.02	43.01	1.497e2	1.250e2	1.050	1.20	NO	0.99259	0.99259
2	2... PCB-179	44.28	44.27	2.254e4	2.097e4	1.050	1.07	NO	156.25	156.25
3	3... PCB-176	44.74	44.75	6.568e3	6.342e3	1.050	1.04	NO	45.984	45.984
4	4... PCB-186	45.37	45.39	1.292e2	6.843e1	1.050	1.89	YES	0.49197	0.00000
5	5... PCB-178	45.89	45.90	8.060e3	7.678e3	1.050	1.05	NO	77.761	77.761
6	6... PCB-175	46.24	46.26	1.170e3	1.456e3	1.050	0.80	YES	11.132	0.00000
7	7... PCB-182/187	46.42	46.42	5.132e4	4.759e4	1.050	1.08	NO	432.44	432.44
8	8... PCB-183	46.76	46.76	1.991e4	1.907e4	1.050	1.04	NO	177.67	177.67
9	9... PCB-185	47.44	47.44	3.947e3	3.659e3	1.050	1.08	NO	37.451	37.451
10	10... PCB-174	47.82	47.82	3.460e4	3.400e4	1.050	1.02	NO	350.76	350.76
11	11... PCB-177	48.08	48.08	2.051e4	2.012e4	1.050	1.02	NO	220.10	220.10





#	Name	Resp	RA	nly	RRF	wfVol	PredRT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
233	233 Total Hepta-PCBs				1.9551	5.035	0.00		0.000		NO	2739		15.6	2750
234	234 4th Function Octa-PCBs				1.0008	5.035	0.00		0.000		NO	507.9		18.7	515.5
235	235 5th Function Octa-PCBs				1.1499	5.035	0.00		0.000		NO	197.5		3.01	202.9

#	Name	PredRT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
12	PCB-171	48.38	48.39	7.988e3	8.272e3	1.050	0.97	NO	85.499	85.499
13	PCB-173	48.82	48.82	6.532e2	6.995e2	1.050	0.98	NO	8.0424	8.0424
14	PCB-172	49.30	49.30	5.436e3	4.518e3	1.050	1.20	NO	50.087	50.087
15	PCB-180	49.71	49.71	7.333e4	6.837e4	1.050	1.07	NO	694.70	694.70
16	PCB-193	49.92	49.92	4.942e3	4.378e3	1.050	1.13	NO	38.469	38.469
17	PCB-191	50.18	50.19	1.183e3	1.288e3	1.050	0.92	NO	10.000	10.000
18	PCB-170	51.38	51.38	2.386e4	2.370e4	1.050	1.01	NO	263.91	263.91
19	PCB-190	51.57	51.59	6.901e3	6.008e3	1.050	1.15	NO	58.315	58.315
20	PCB-189	53.11	53.10	1.272e3	1.251e3	1.050	1.02	NO	11.413	11.413



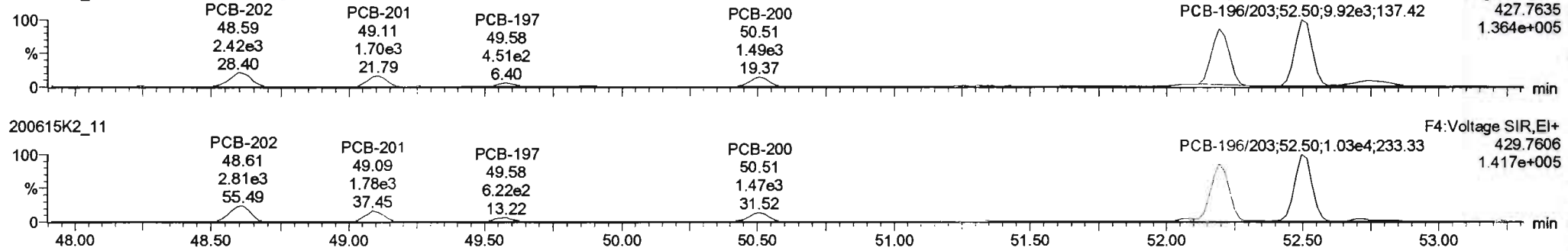
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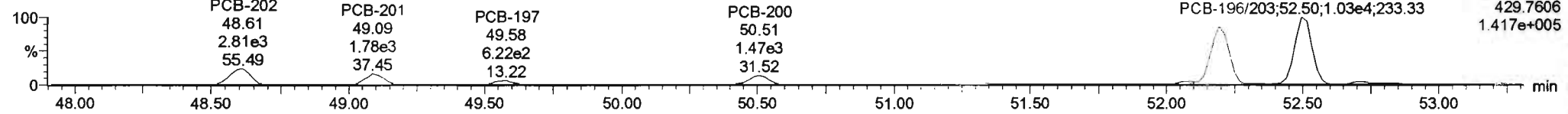
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**PCB-202**

200615K2\_11

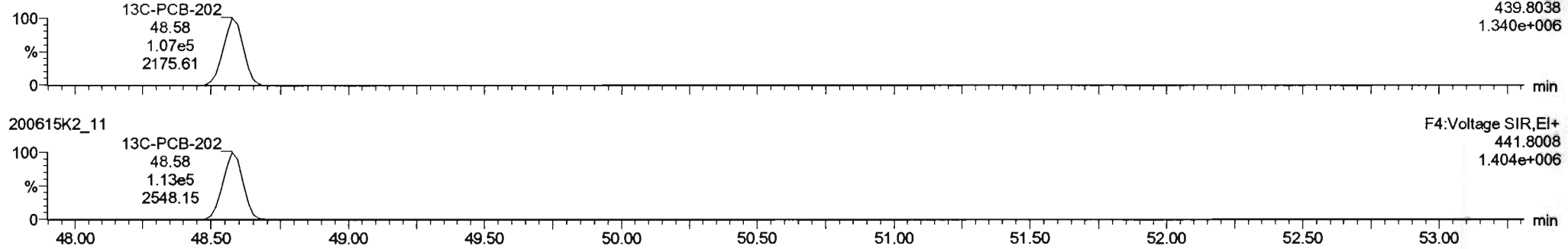


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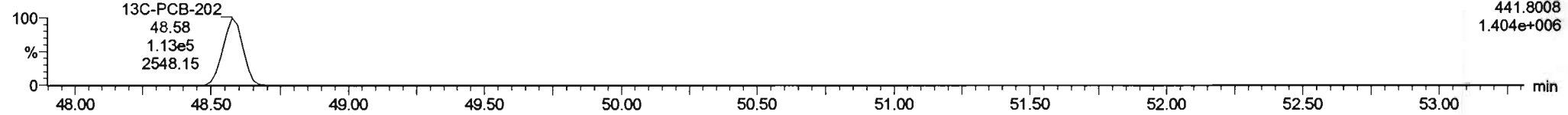


**13C-PCB-202**

200615K2\_11

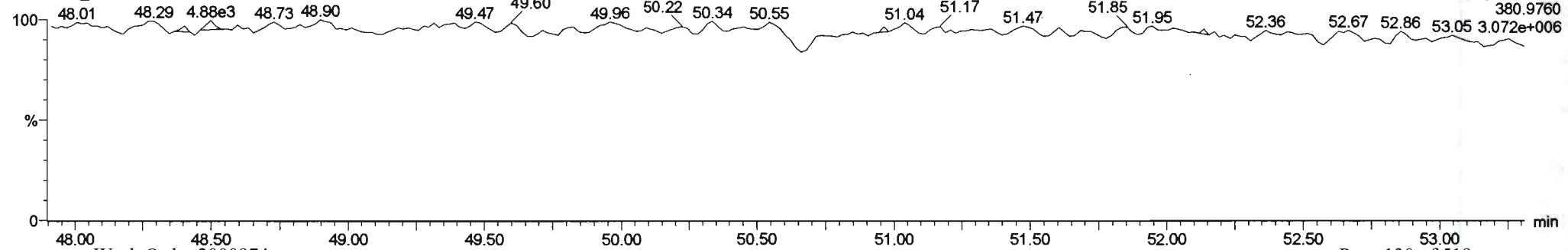


200615K2\_11



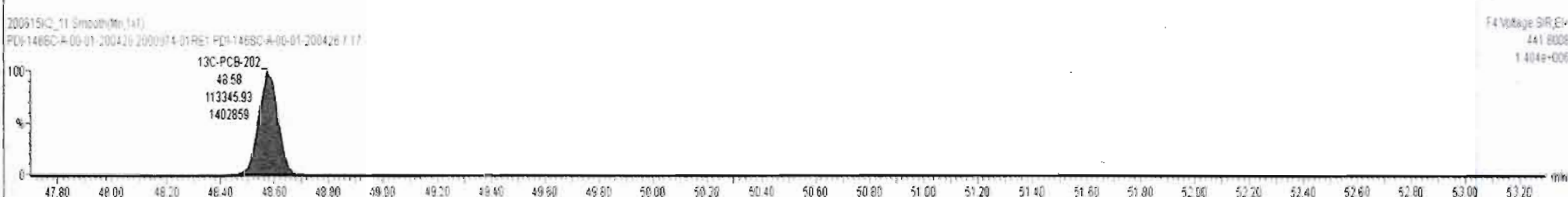
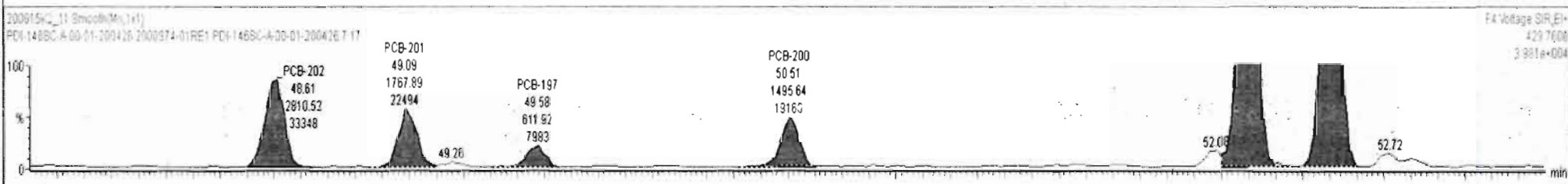
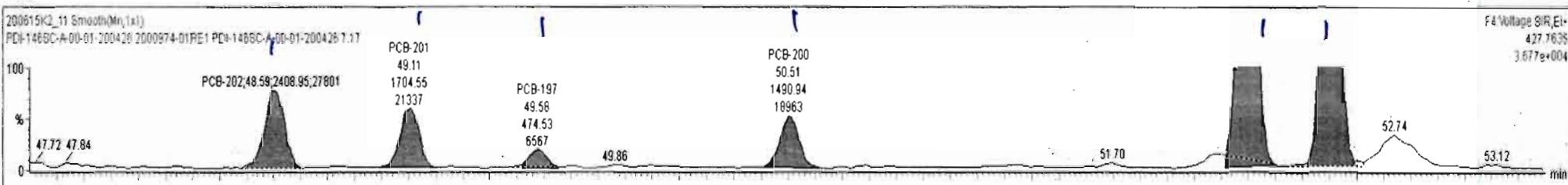
**PFK4d**

200615K2\_11



#	Name	Resp	RA	nly	RRF	wtVol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				1.0008	5.035	0.00		0.000		NO	520.4		18.7	520.4
235	235 5th Function Octa-PCBs				1.1499	5.035	0.00		0.000		NO	197.5		3.01	202.9
236	236 Total Nona-PCBs				0.9523	5.035	0.00		0.000		NO	219.2		3.11	219.2

#	Name	Pred RT	RT	m1 Resp	m2 Resp	I* Ratio (Pred)	RA	nly	EMPC	Conc.
1	1 PCB-202	48.61	48.59	2.409e3	2.811e3	0.890	0.86	NO	40.194	40.194
2	1 PCB-201	49.10	49.11	1.705e3	1.768e3	0.890	0.96	NO	29.674	29.674
3	1 PCB-197	49.57	49.58	4.745e2	6.119e2	0.890	0.78	NO	8.6287	8.6287
4	1 PCB-200	50.50	50.51	1.491e3	1.496e3	0.890	1.00	NO	25.103	25.103
5	1 PCB-199	52.18	52.19	8.810e3	9.230e3	0.890	0.95	NO	200.56	200.56
6	1 PCB-196/203	52.50	52.50	9.824e3	1.032e4	0.890	0.95	NO	216.20	216.20



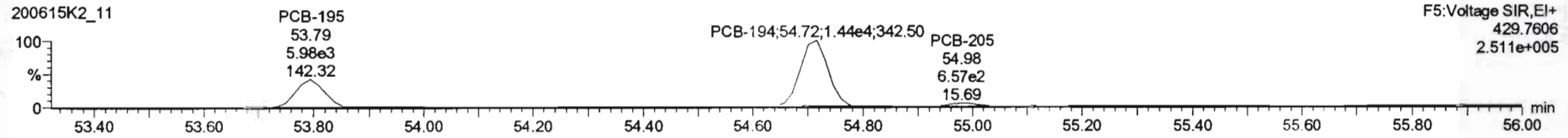
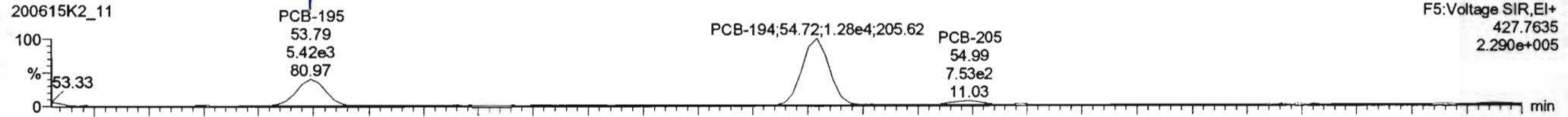
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Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time

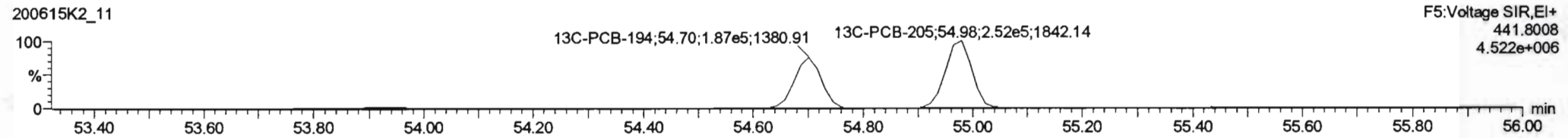
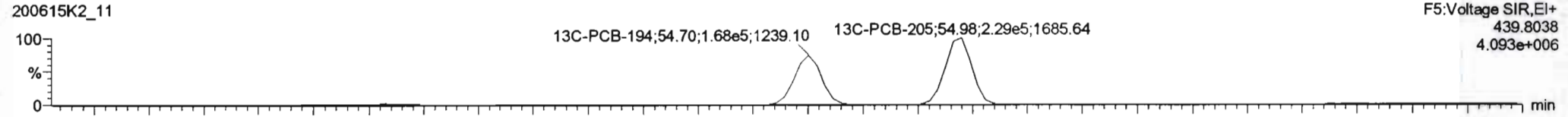
Printed: Tuesday, June 16, 2020 12:30:52 Pacific Daylight Time

Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

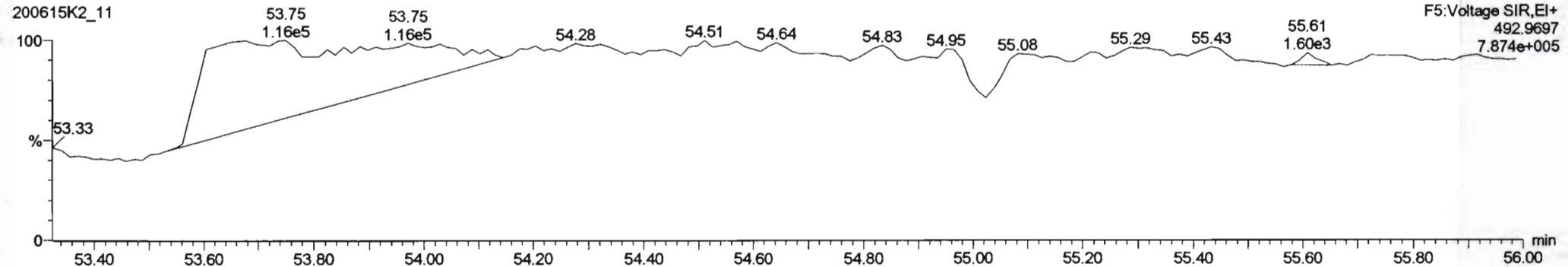
**PCB-195**



**13C-PCB-194**

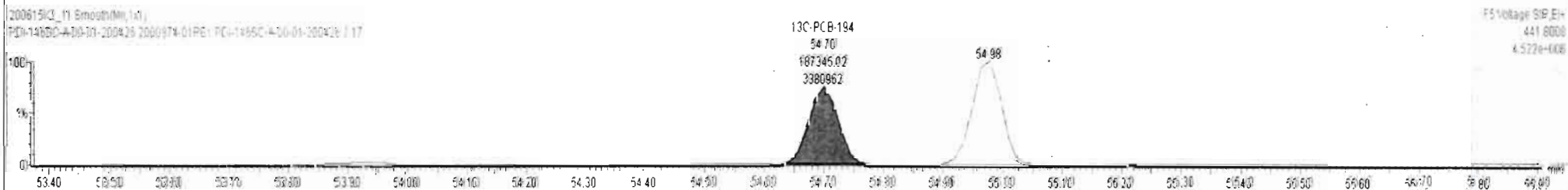
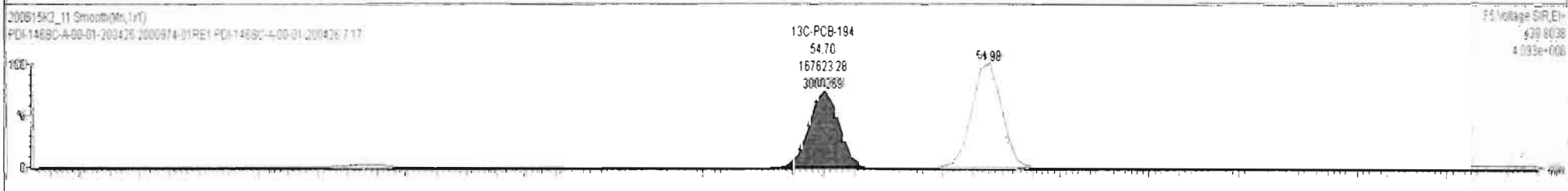
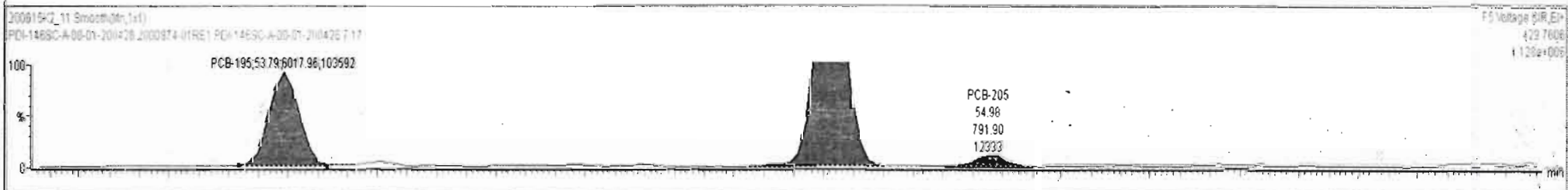
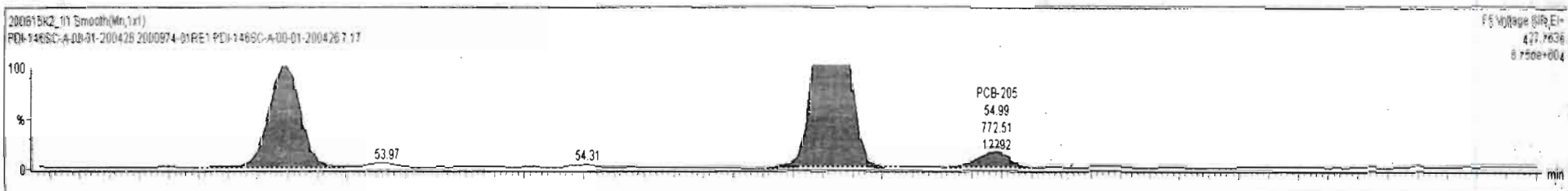


**PFK5a**



#	Name	Resp	RA	n/y	RRF	wtAval	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
234	234 4th Function Octa-PCBs				1.0008	5.035	0.00		0.000		NO	520.4		18.7	520.4
235	235 5th Function Octa-PCBs				1.1499	5.035	0.00		0.000		NO	204.4		3.01	204.4
236	236 Total Nona-PCBs				0.9523	5.035	0.00		0.000		NO	219.2		3.11	219.2

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1... PCB-195	53.80	53.73	5.354e3	6.019e3	0.890	0.89	NO	60.914	60.914
2	1... PCB-194	54.72	54.72	1.279e4	1.448e4	0.890	0.88	NO	136.73	136.73
3	1... PCB-205	54.98	54.99	7.725e2	7.919e2	0.890	0.98	NO	6.7881	6.7881

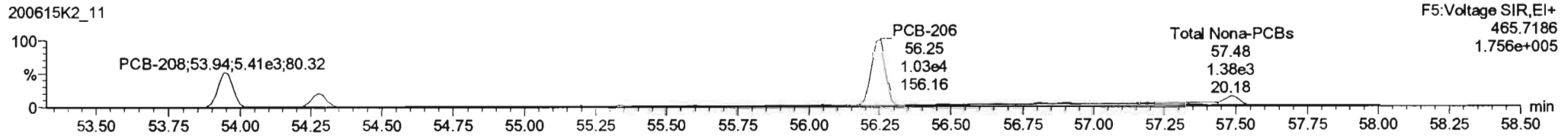
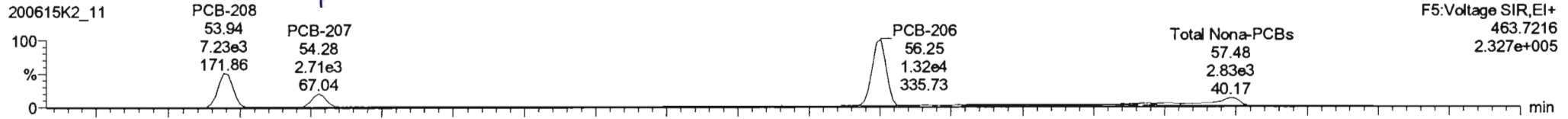


Dataset: Untitled

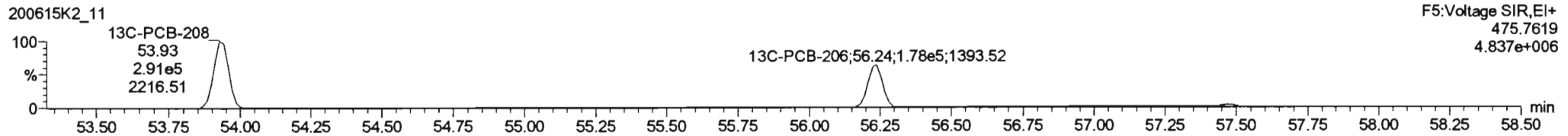
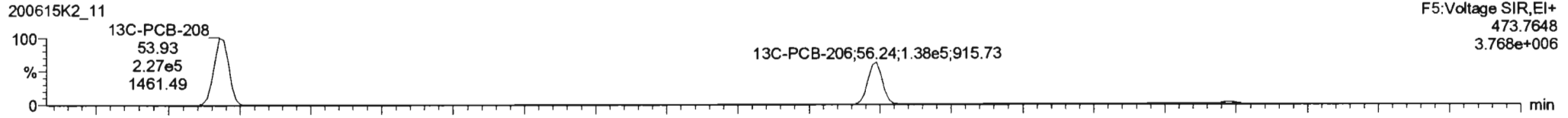
Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 12:30:52 Pacific Daylight Time

Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

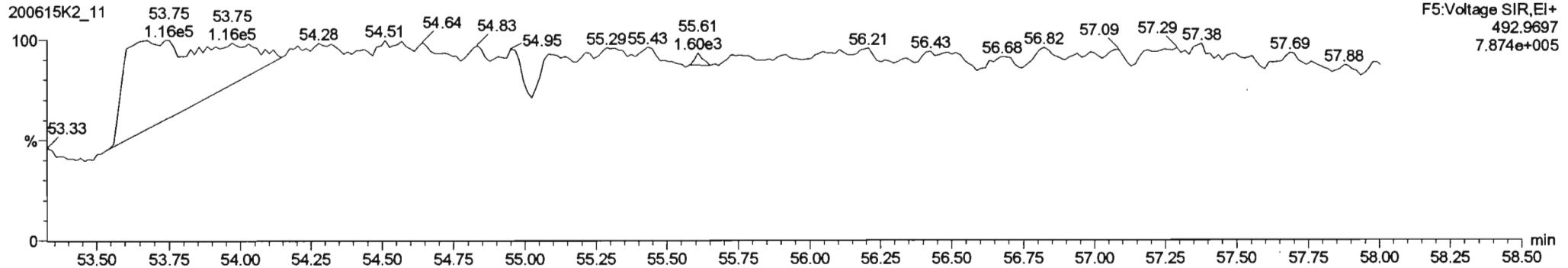
**PCB-208**



**13C-PCB-208**



**PFK5**



Dataset: Untitled

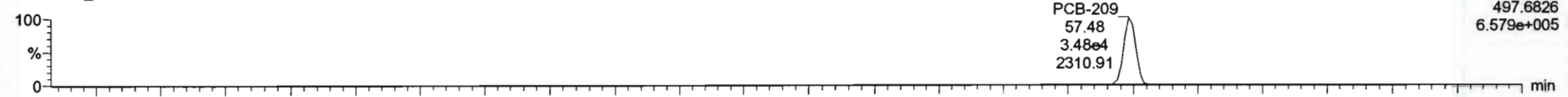
Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 12:30:52 Pacific Daylight Time

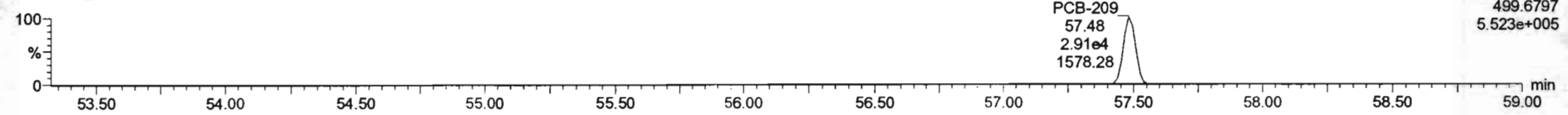
Name: 200615K2\_11, Date: 16-Jun-2020, Time: 10:17:43, ID: 2000974-01RE1 PDI-146SC-A-00-01-200426 7.17, Description: PDI-146SC-A-00-01-200426

**PCB-209**

200615K2\_11

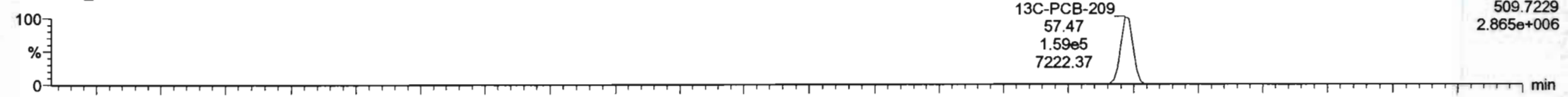


200615K2\_11

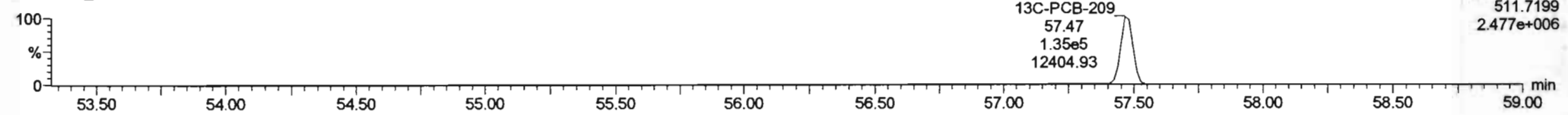


**13C-PCB-209**

200615K2\_11

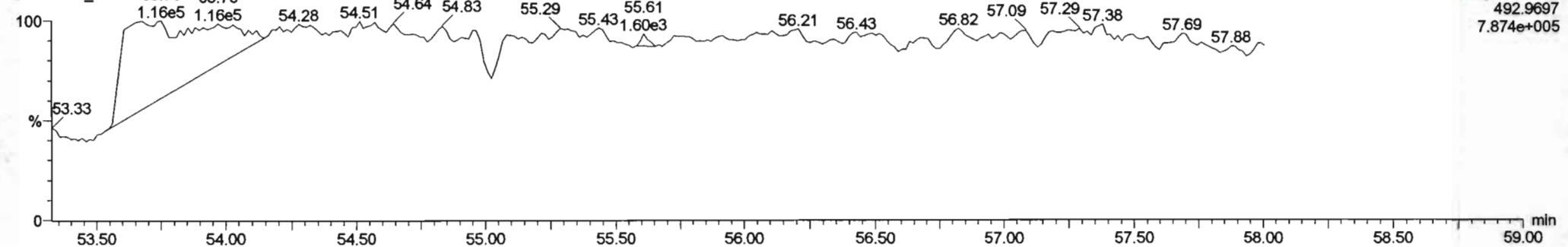


200615K2\_11



**PFK5b**

200615K2\_11



## **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>
<b>Ion abundance within QC limits?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
<b>Concentrations within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>TCDD/TCDF Valleys &lt;25%</b>	<input type="checkbox"/> NA	<input type="checkbox"/>
<b>First and last eluters present?</b>	<input type="checkbox"/> NA	<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>He</u>	<u>He</u>
<b>Run Log:</b>		
- 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>
(A)	<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

*15-1251*

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

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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: 131257 (with a blue arrow pointing to the %Rec column)

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: "97.4" next to row 141, "97.4" next to row 169, and a vertical arrow pointing downwards from row 141 to row 169.

Dataset: U:\VG11.PRO\Results\200613K1\200613K2-6.qld

Last Altered: Sunday, June 14, 2020 13:34:51 Pacific Daylight Time  
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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

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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

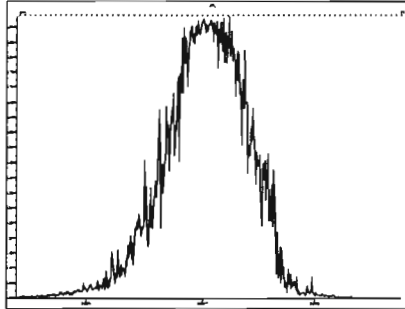
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2	200613K2_2	ST200613K2-2 PCB 209 CS1 19G2607	13-Jun-20	15:49:45
3	200613K2_3	ST200613K2-3 PCB 209 CS2 19G2608	13-Jun-20	16:50:09
4	200613K2_4	ST200613K2-4 PCB 209 CS4 19G2610	13-Jun-20	17:50:38
5	200613K2_5	ST200613K2-5 PCB 209 CS5 19G2611	13-Jun-20	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*

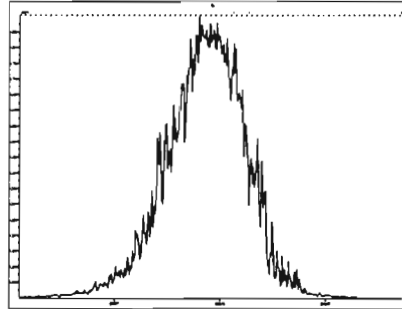
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Printed: Saturday, June 13, 2020 14:45:24 Pacific Daylight Time

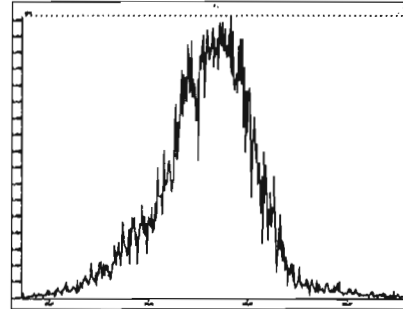
M 168.9888 R 11111



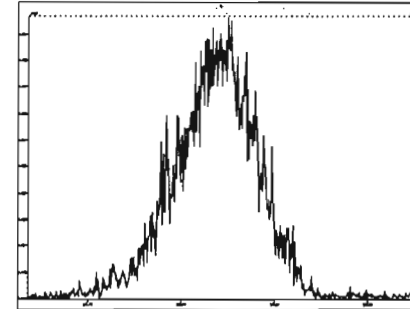
M 180.9888 R 11162



M 192.9888 R 10043

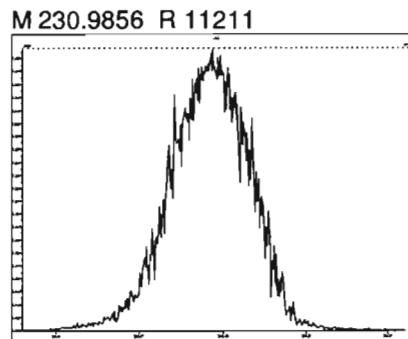
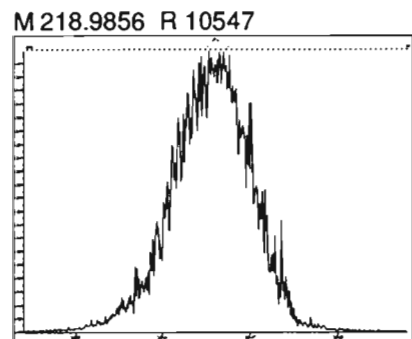


M 204.9888 R 10504

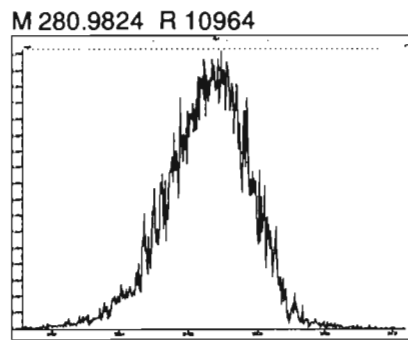
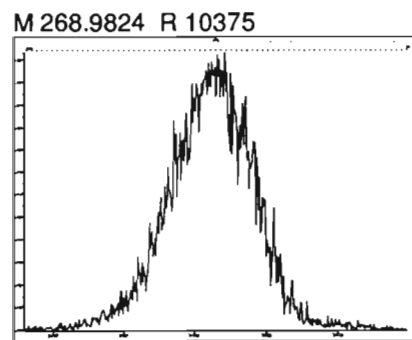
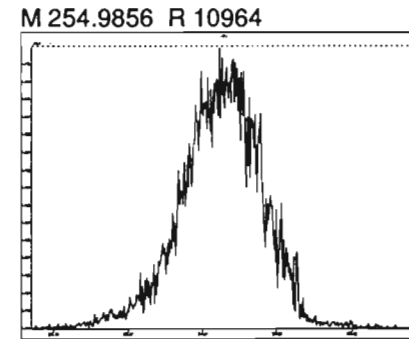


File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

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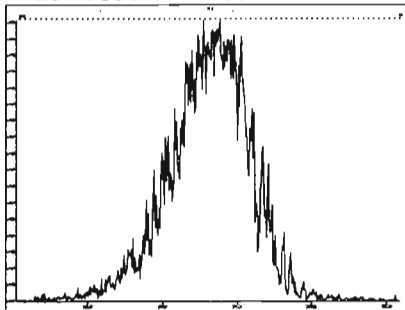
M 242.9856 R 11011



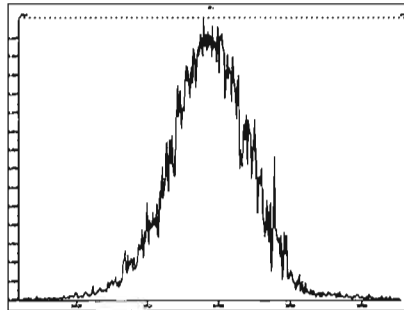
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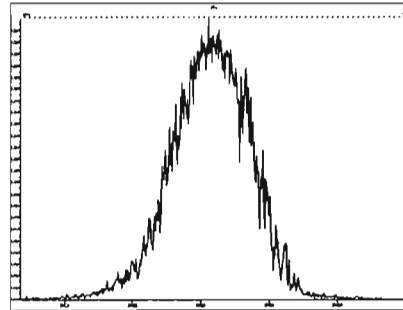
M 254.9856 R 11160



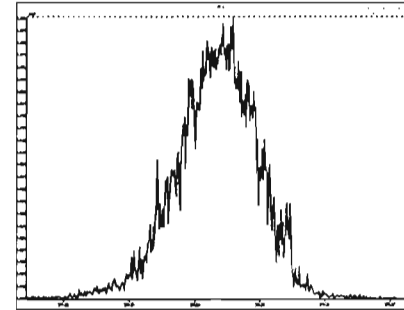
M 268.9824 R 10919



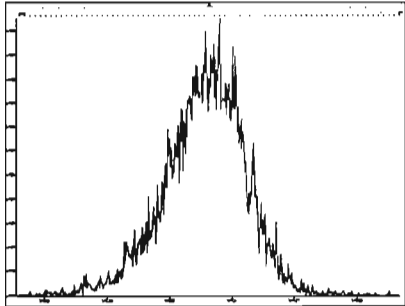
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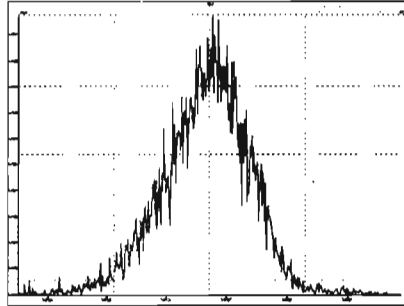
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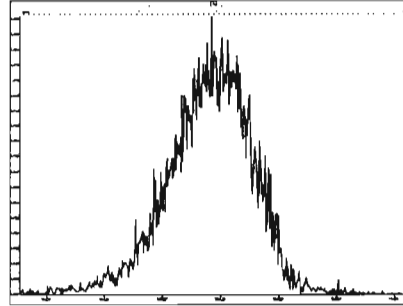
M 304.9824 R 10037



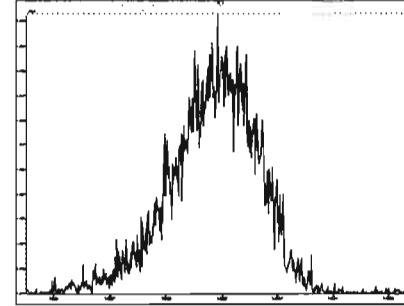
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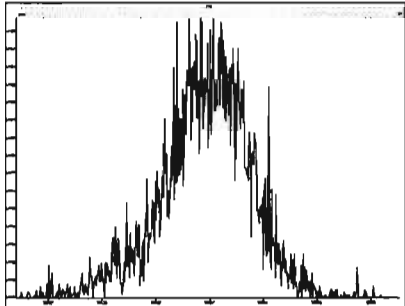
M 330.9792 R 11211



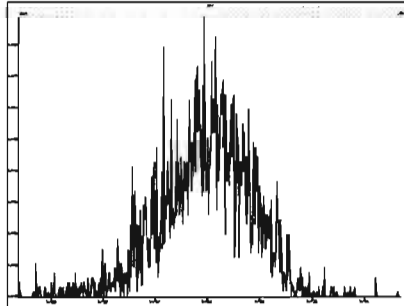
M 342.9792 R 10079



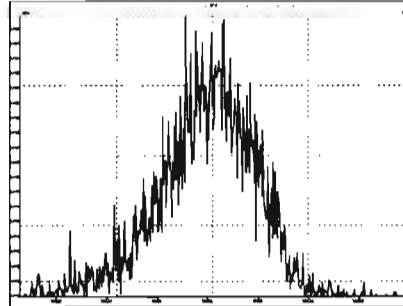
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M 366.9792 R 11962



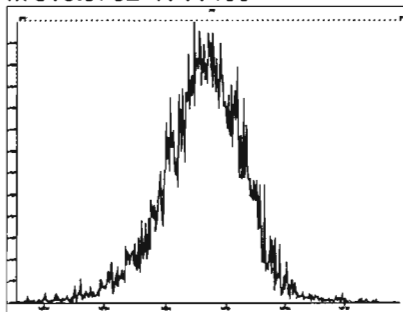
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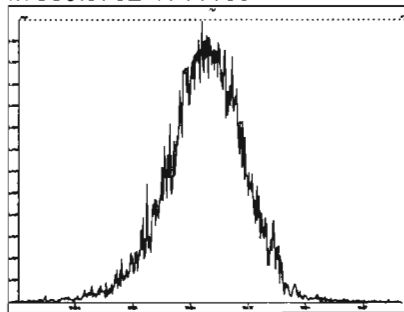
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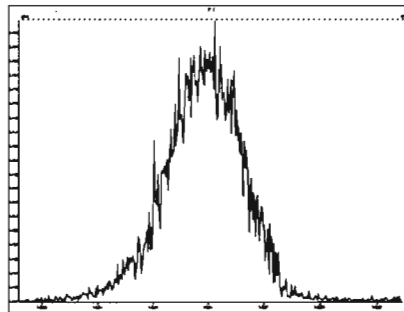
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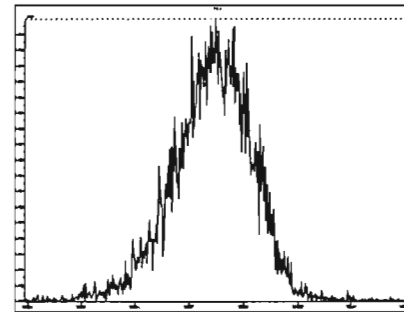
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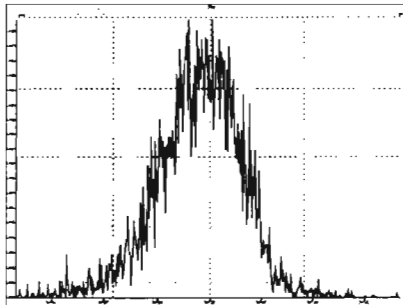
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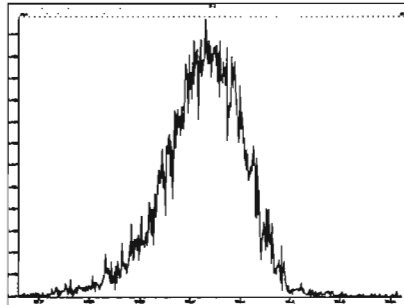
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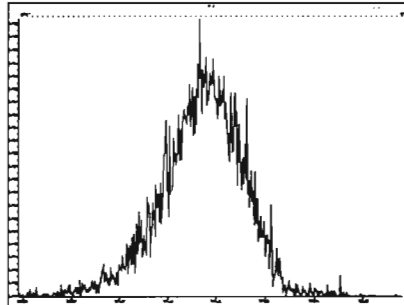
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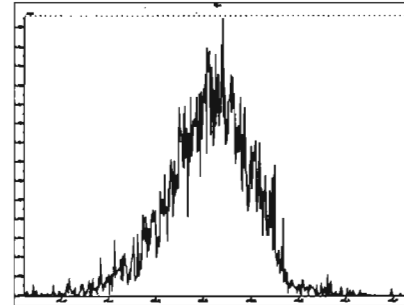
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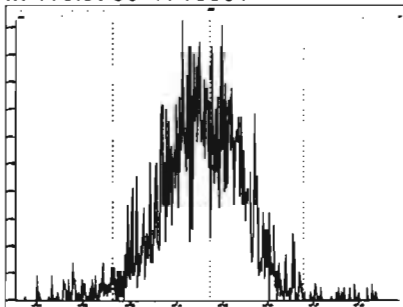
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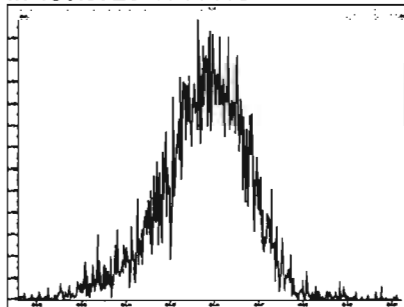
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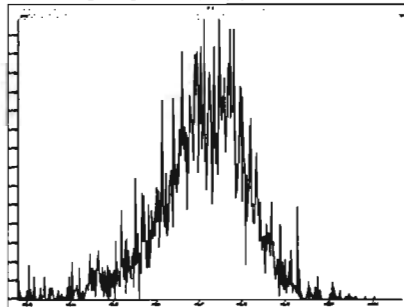
M 416.9760 R 13301



M 430.9728 R 11413



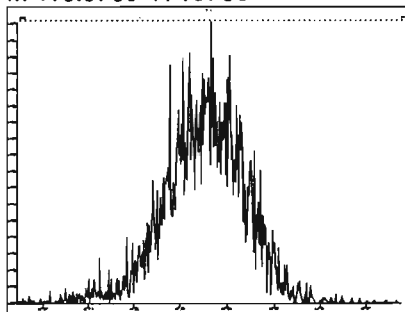
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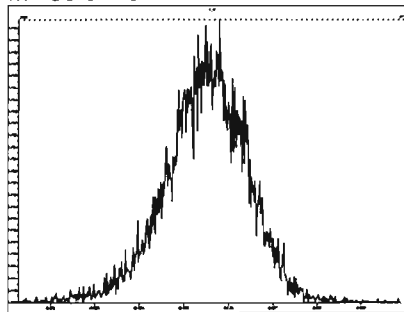
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Printed: Saturday, June 13, 2020 14:49:59 Pacific Daylight Time

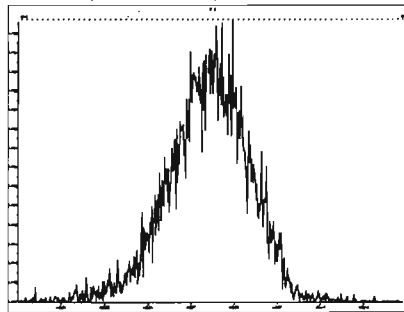
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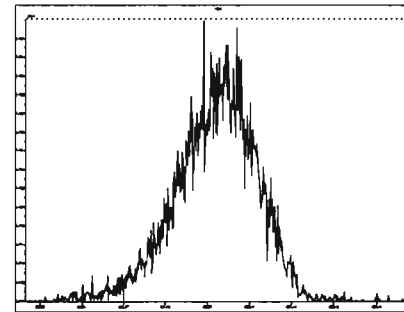
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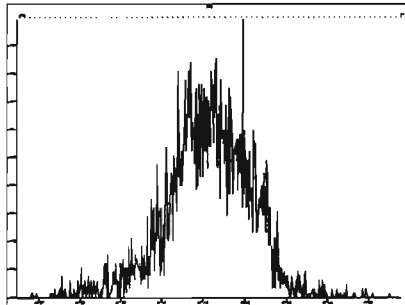
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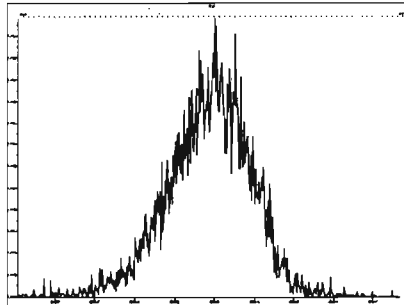
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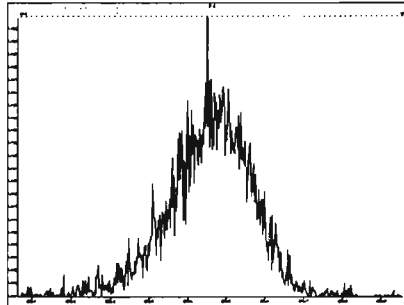
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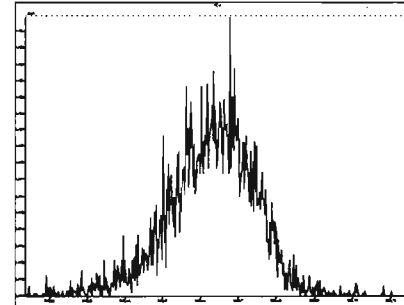
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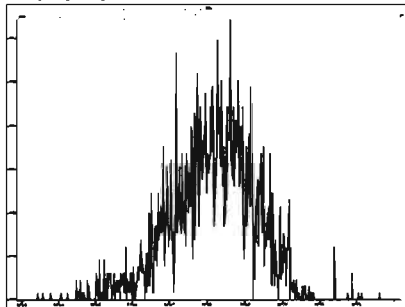
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M 504.9696 R 12562



M 516.9697 R 24757



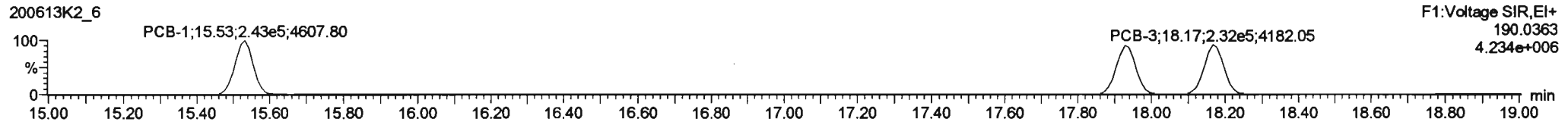
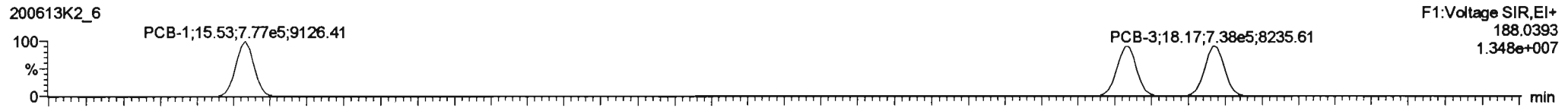
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

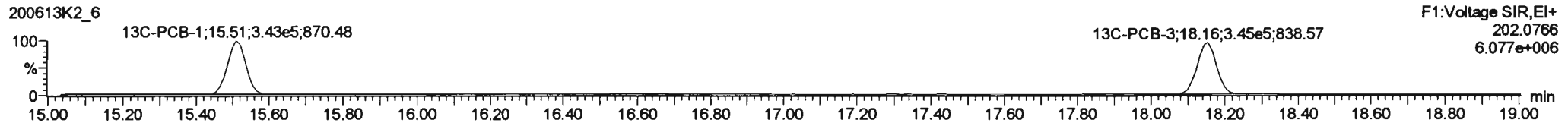
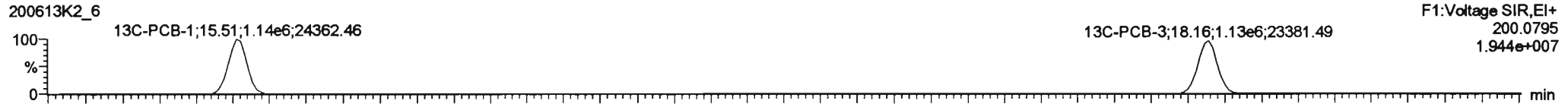
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Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

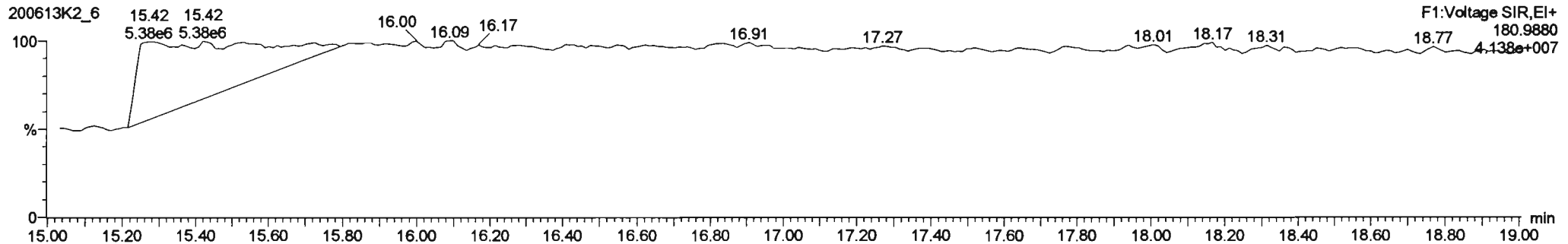
**PCB-1**



**13C-PCB-1**



**PFK1**

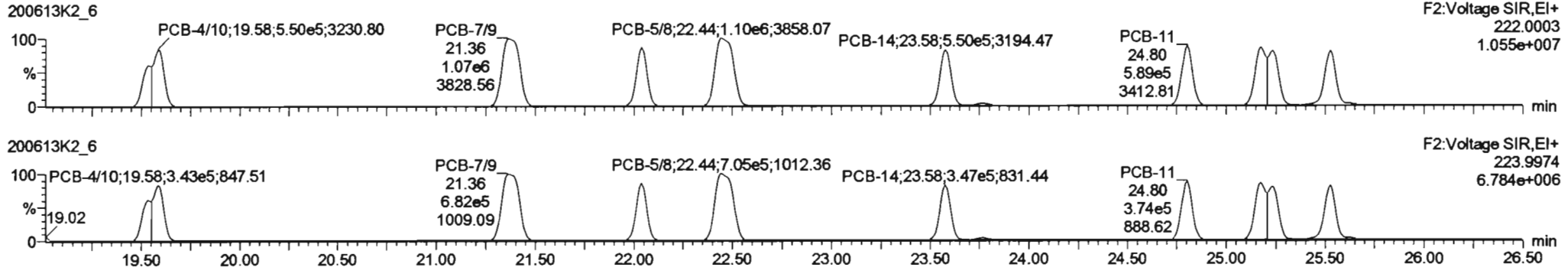


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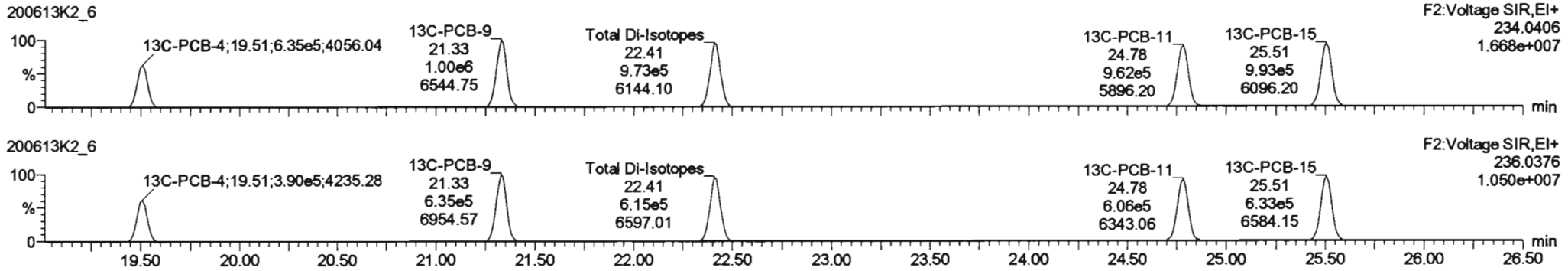
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 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

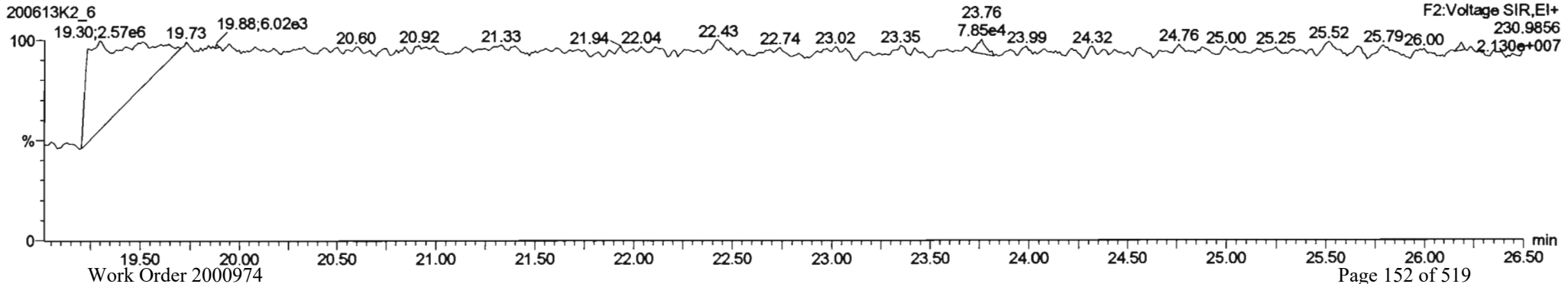
**PCB-4/10**



**13C-PCB-4**



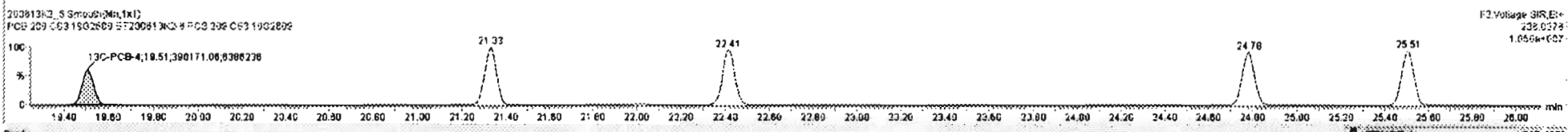
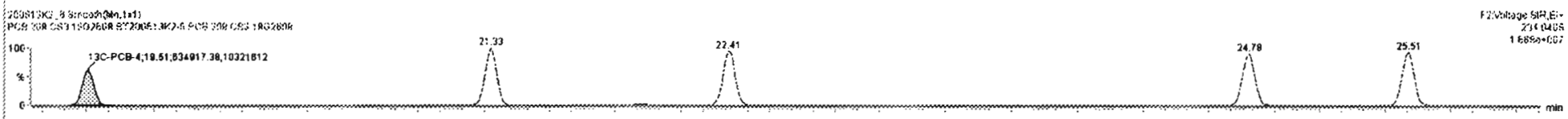
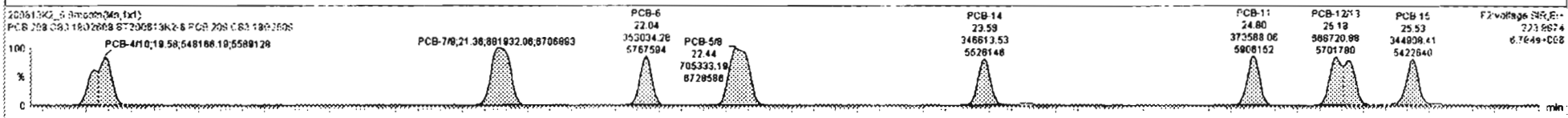
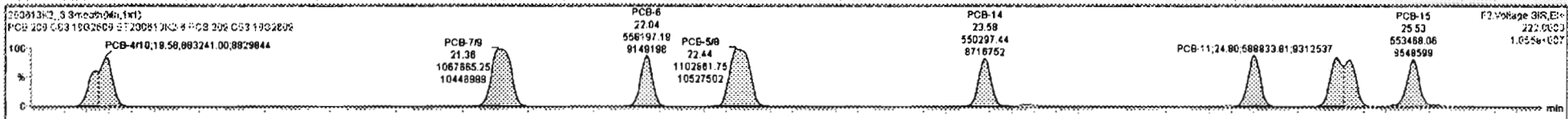
**PFK2a**





#	Name	Area	RA	off	RF	width	Peak RT	RT	Area	RT	RF	Conc.	%Rec	DL	EWPC
225	1st Function PCBs				1.0000	1.000	0.00		0.000		NO	893.7		0.591	893.7
226	2nd Function PCBs				1.0000	1.000	0.00		0.000		NO	430.4		0.198	430.4
227	3rd Function PCBs				0.9826	1.000	0.00		0.000		NO	897.4		0.840	897.4
228	Total PCBs				1.0778	1.000	0.00		0.000		NO	2273		1.55	2273
229	3rd Function PCBs				1.3157	1.000	0.00		0.000		NO	2119		1.45	2119
230	4th Function PCBs				1.0735	1.000	0.00		0.000		NO	275.7		0.241	275.7
231	3rd Function PCBs				0.8905	1.000	0.00		0.000		NO	718.1		0.655	718.1
232	4th Function PCBs				1.0318	1.000	0.00		0.000		NO	1490		1.98	1490
233	Total PCBs				1.9664	1.000	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-4/10	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	3.498e5	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								

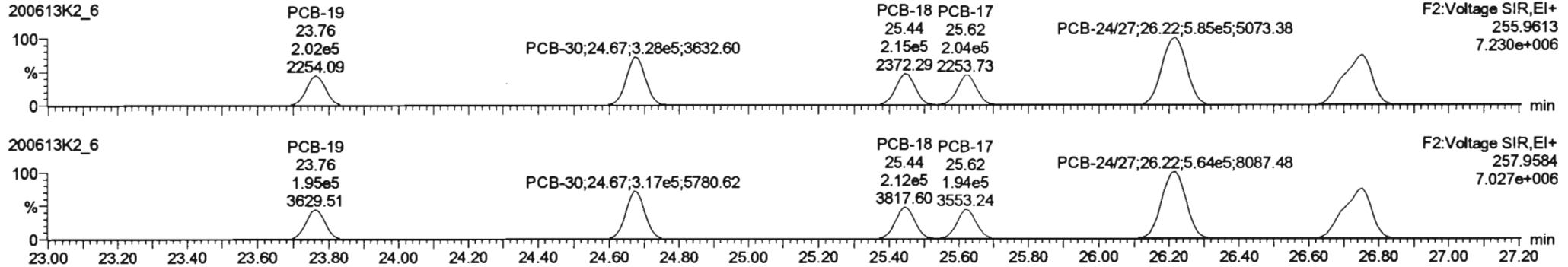


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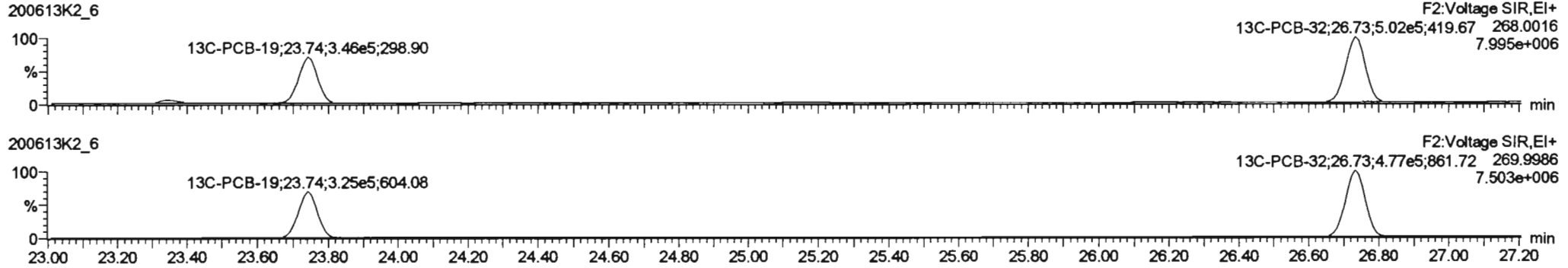
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

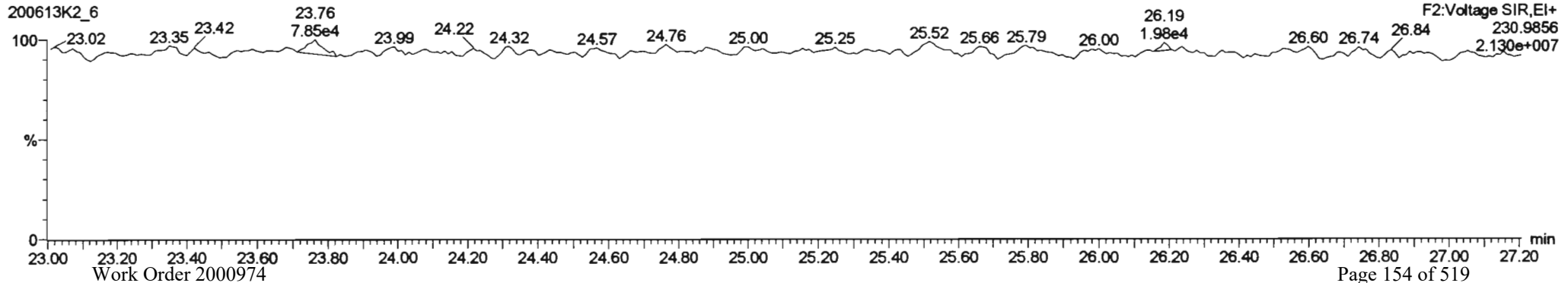
**PCB-19**



**13C-PCB-19**



**PFK2b**

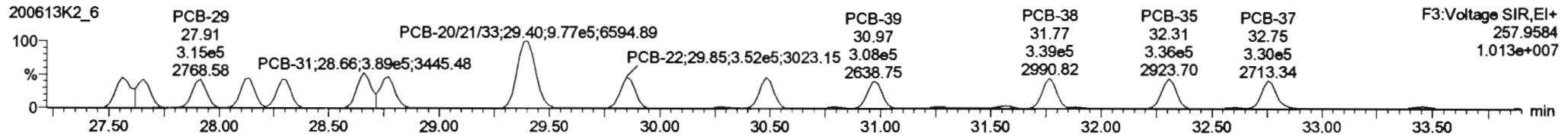
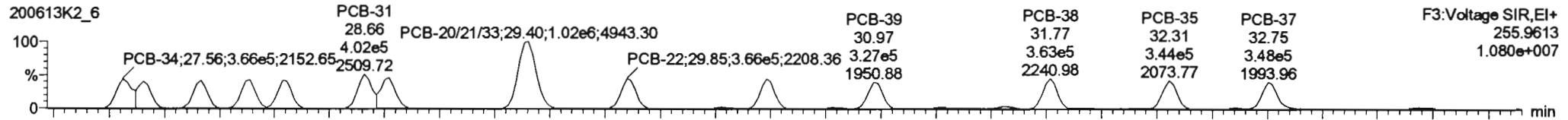


Dataset: Untitled

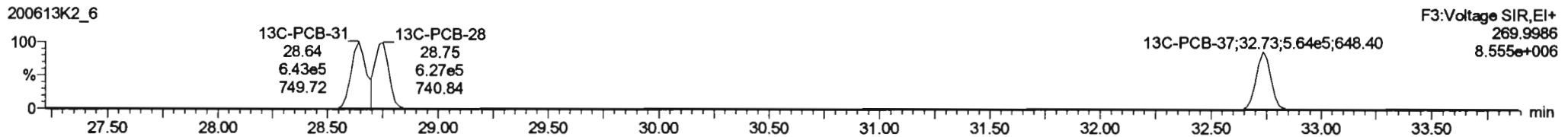
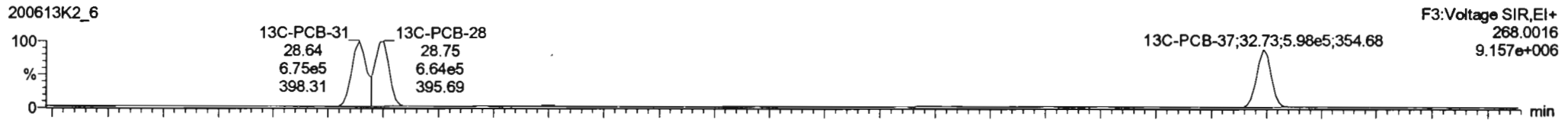
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

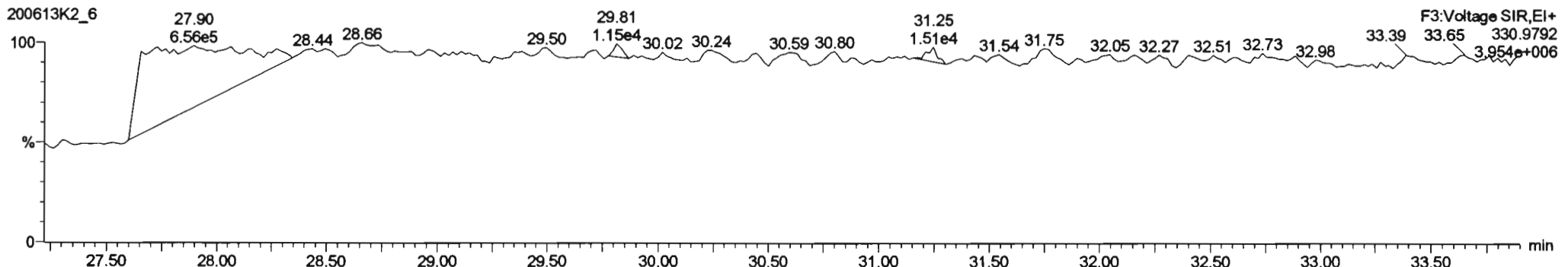
**PCB-34**

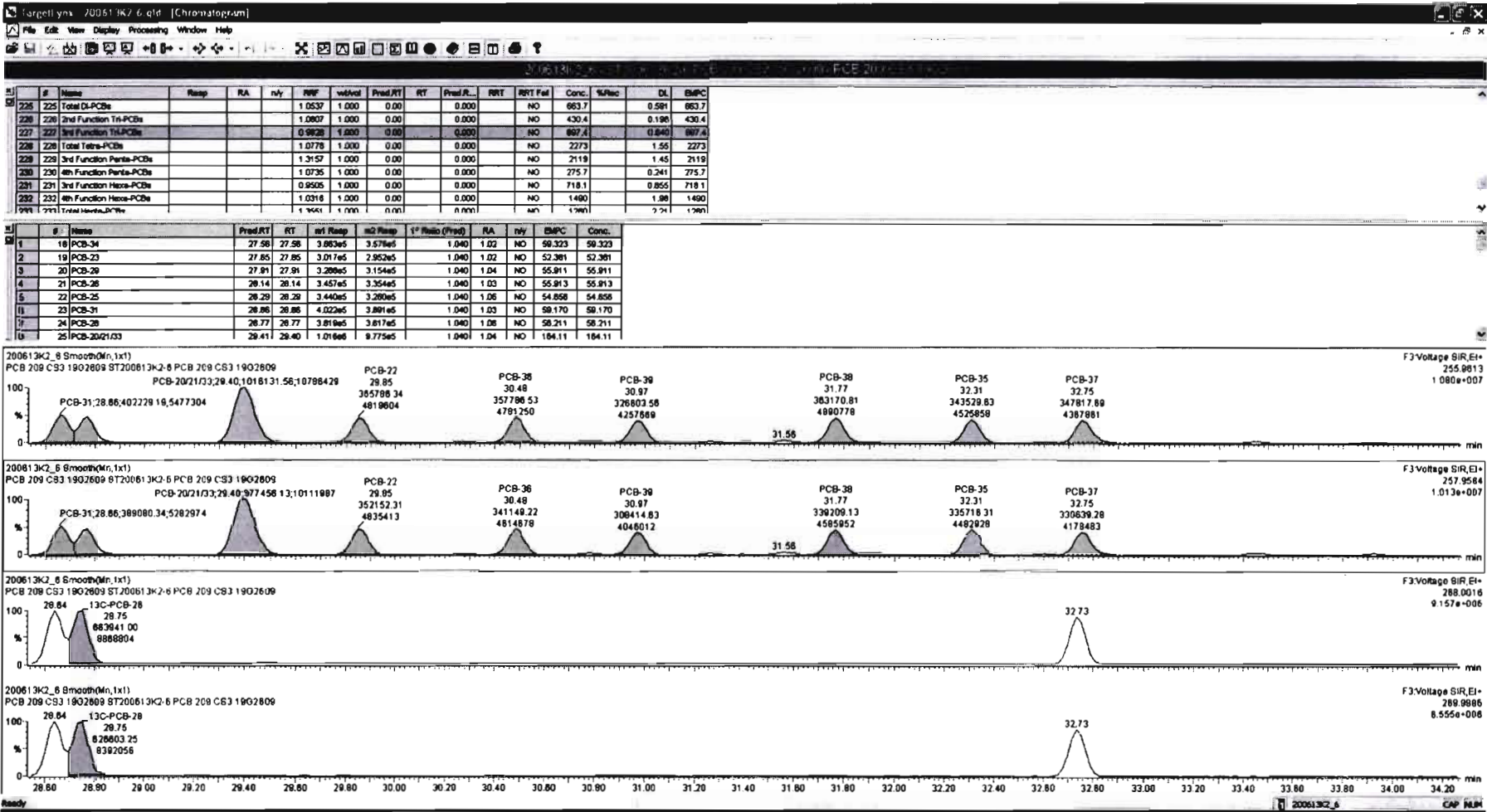


**13C-PCB-28**



**PFK3d**



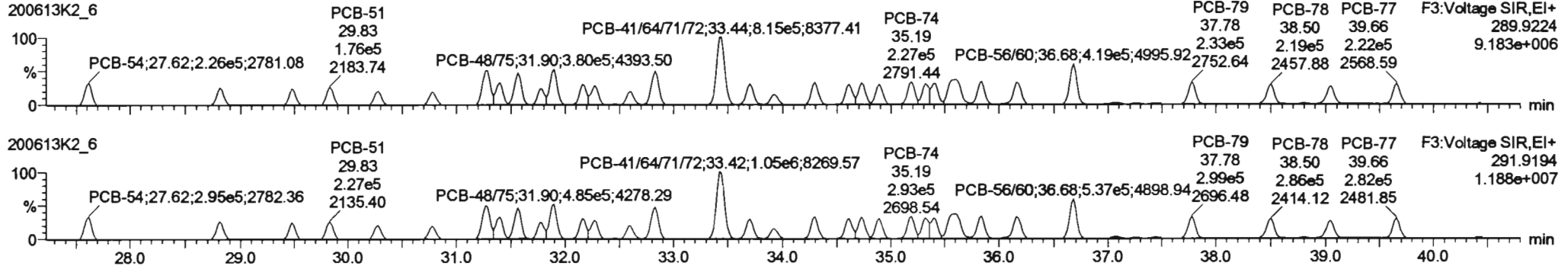


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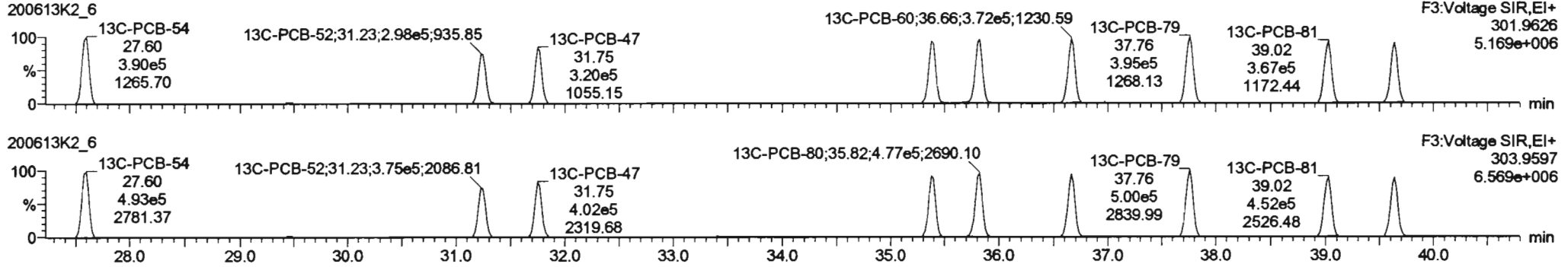
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 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

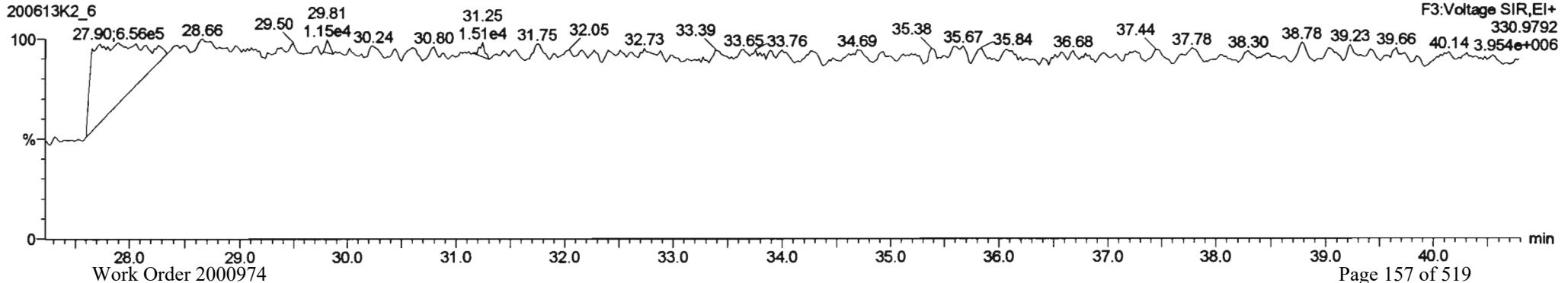
**PCB-54**



**13C-PCB-54**



**PFK3a**



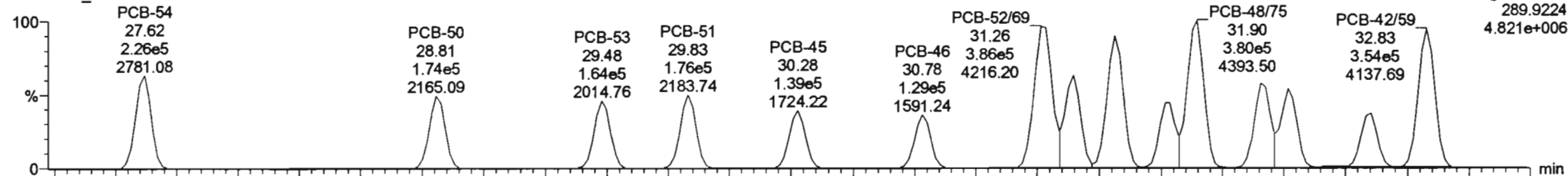
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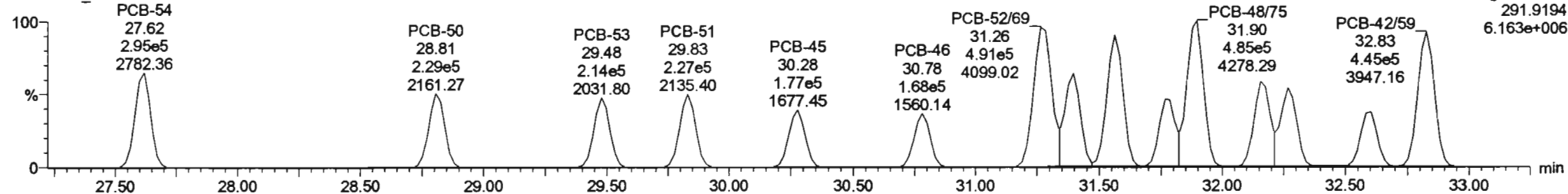
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-50**

200613K2\_6



200613K2\_6



**13C-PCB-52**

200613K2\_6



200613K2\_6

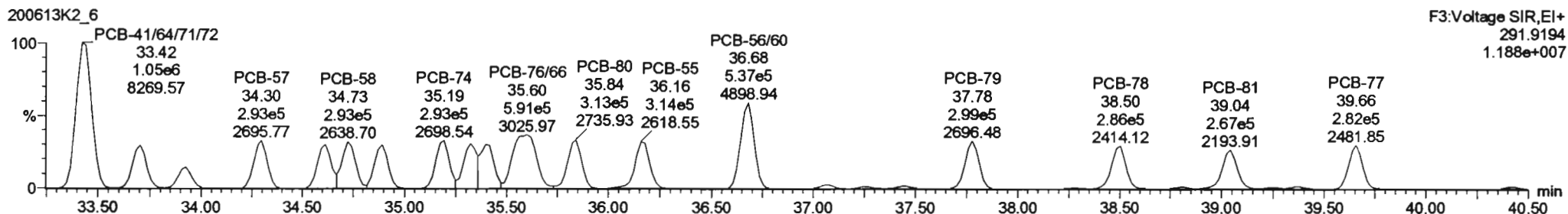
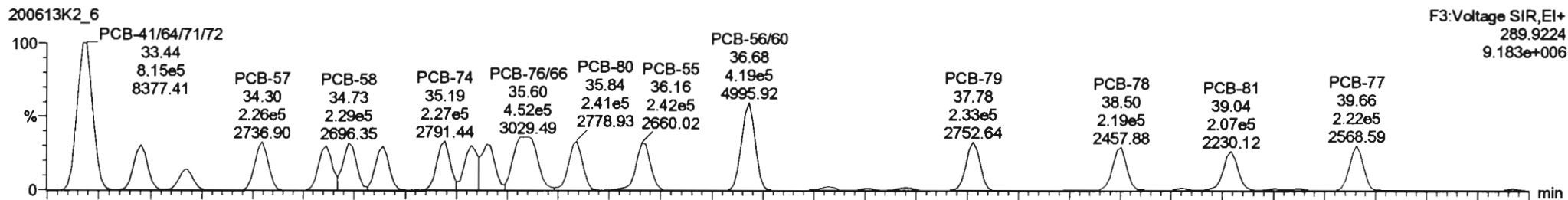


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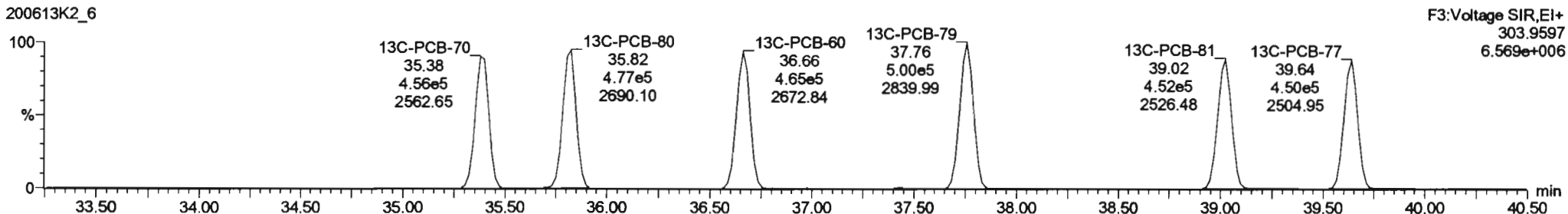
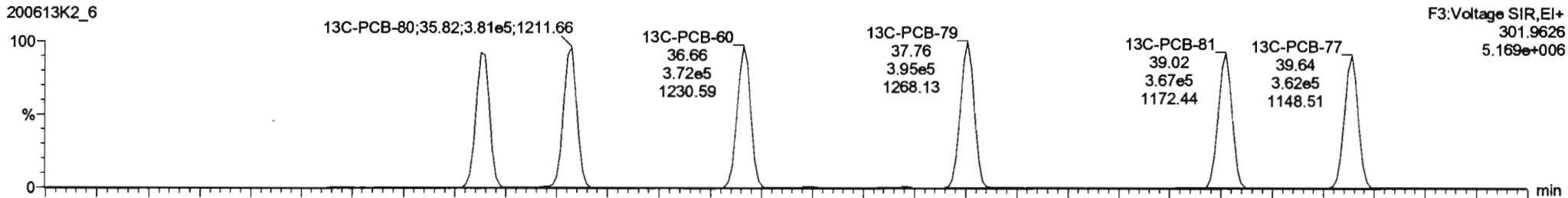
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Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-68**

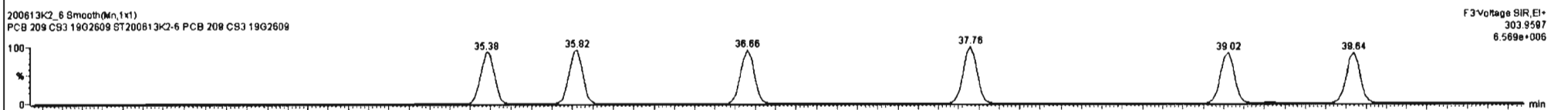
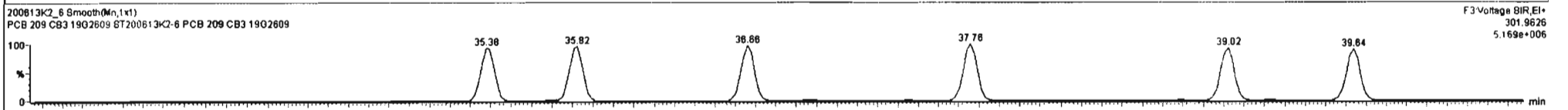
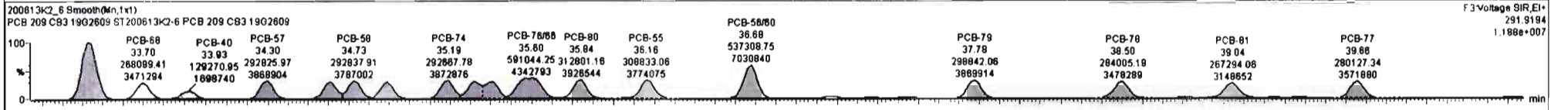
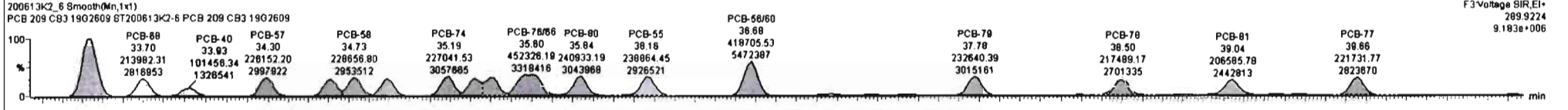


**13C-PCB-60**



#	Name	Resp	RA	n/y	RRP	wtAwt	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	1290		2.71	1290

#	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



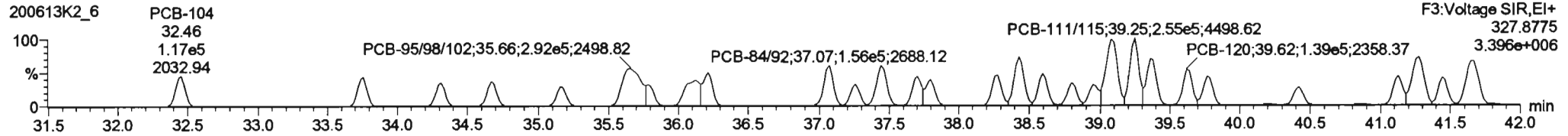
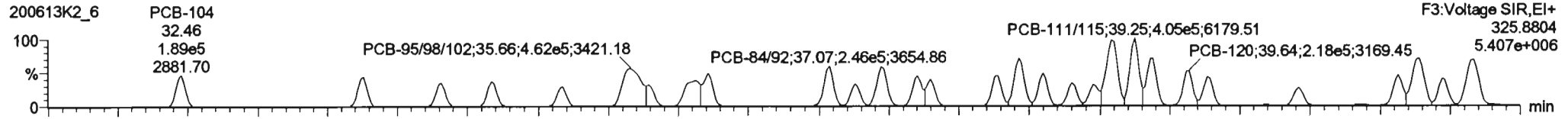


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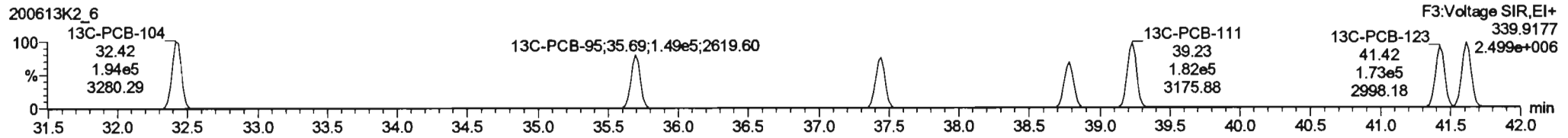
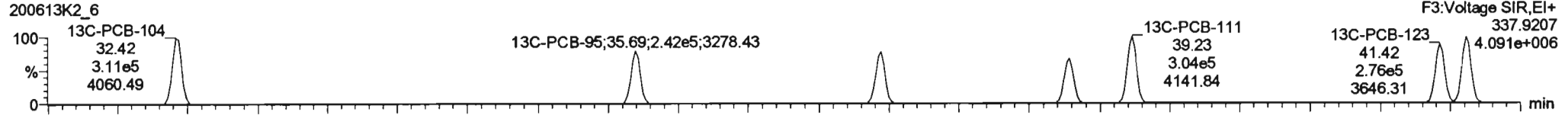
Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

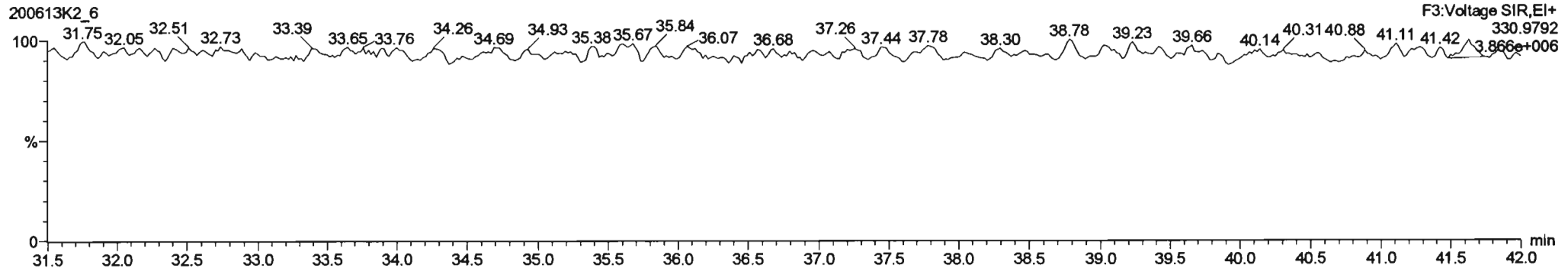
**PCB-104**



**13C-PCB-104**



**PFK3b**



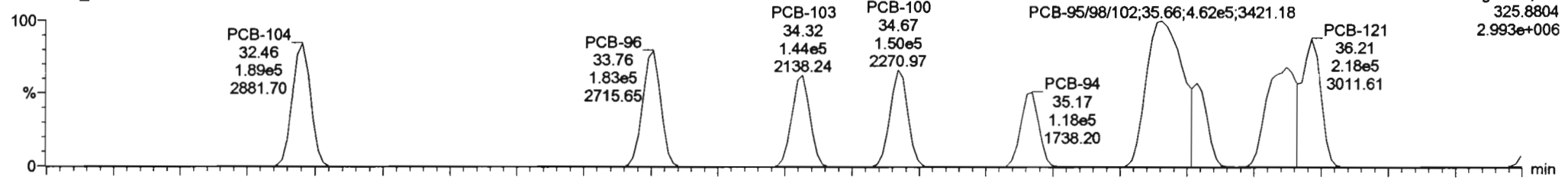
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time  
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

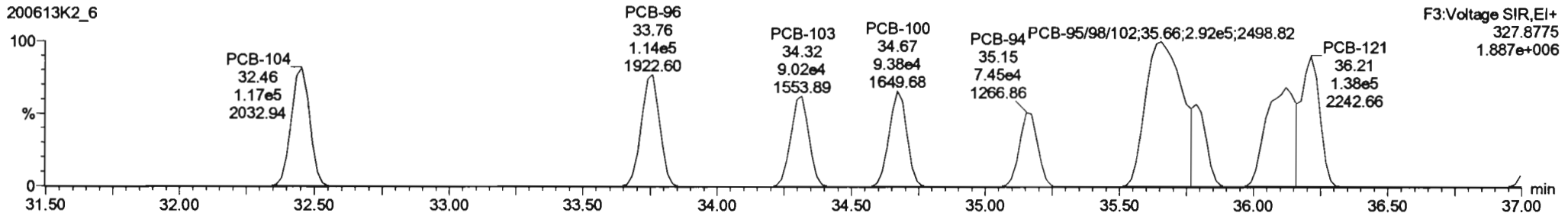
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-96**

200613K2\_6

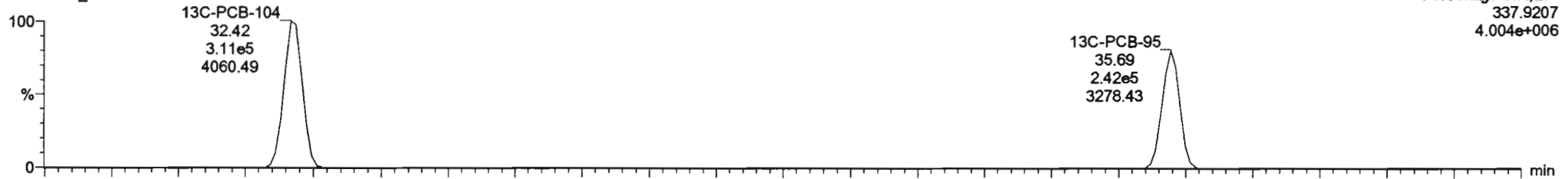


200613K2\_6

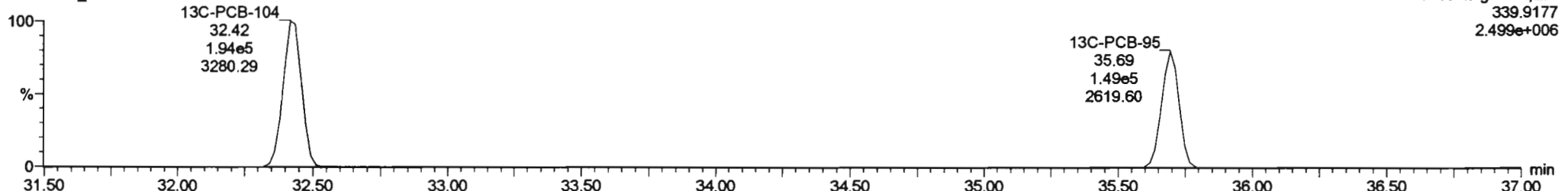


**13C-PCB-95**

200613K2\_6



200613K2\_6



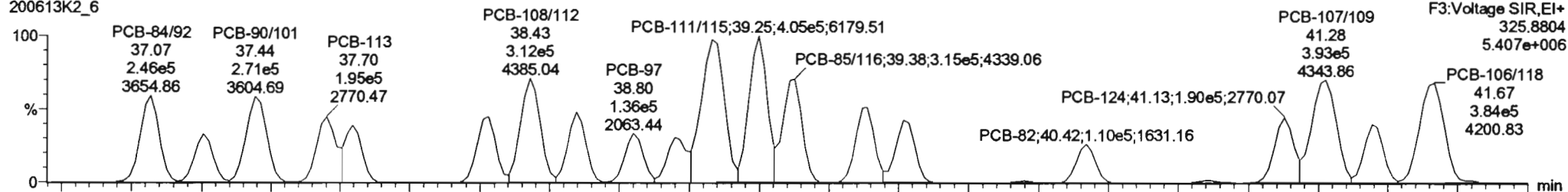
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

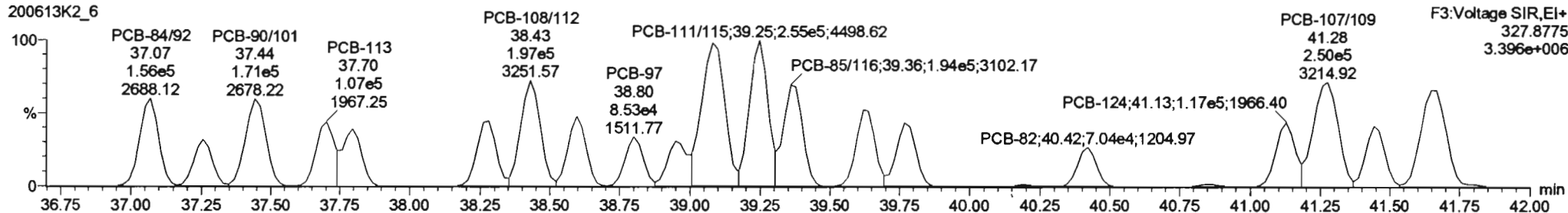
Name: 200613K2\_6, Date: 13-Jun-2020, Time: 19:52:58, ID: ST200613K2-6 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-119

200613K2\_6

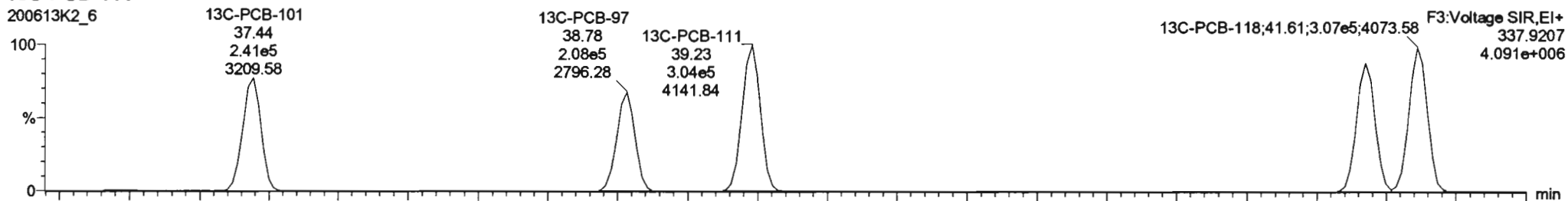


200613K2\_6

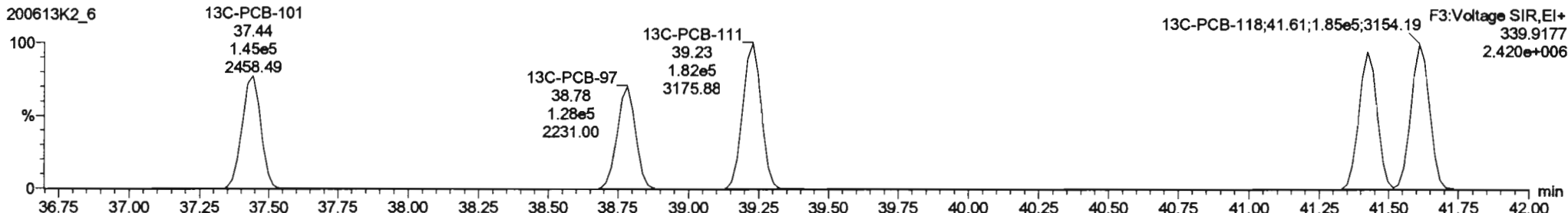


13C-PCB-111

200613K2\_6

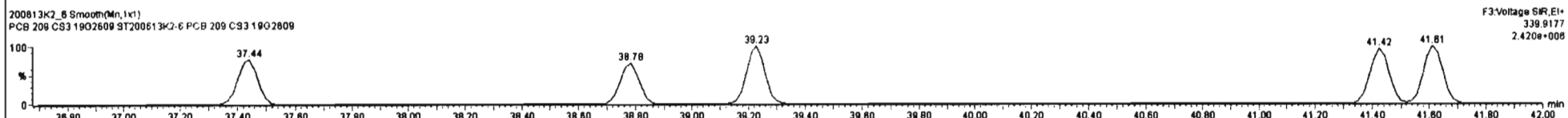
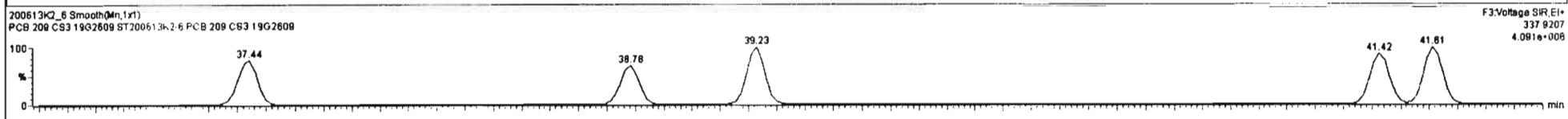
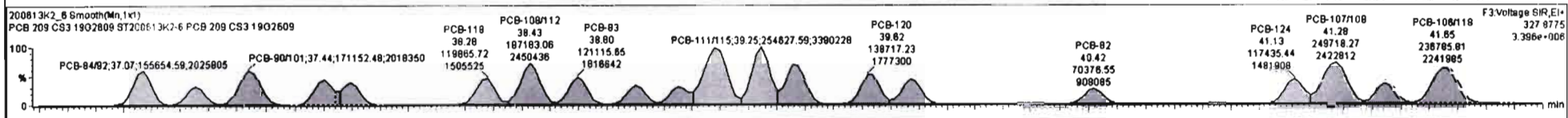
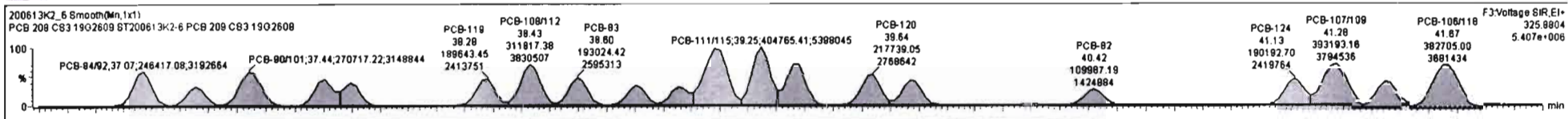


200613K2\_6



#	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	int Resp	int2 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



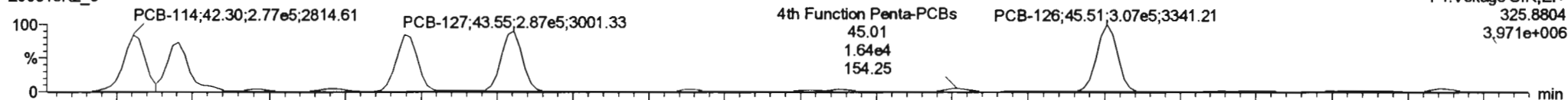
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

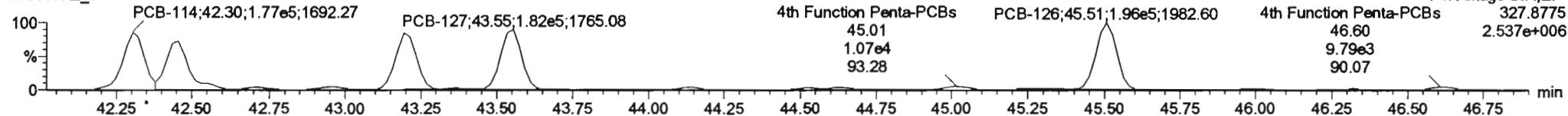
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**PCB-114**

200613K2\_6



200613K2\_6

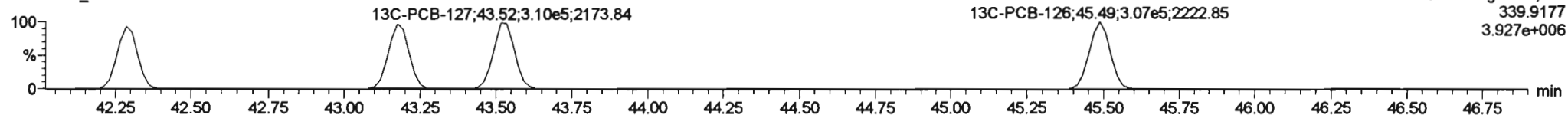


**13C-PCB-114**

200613K2\_6

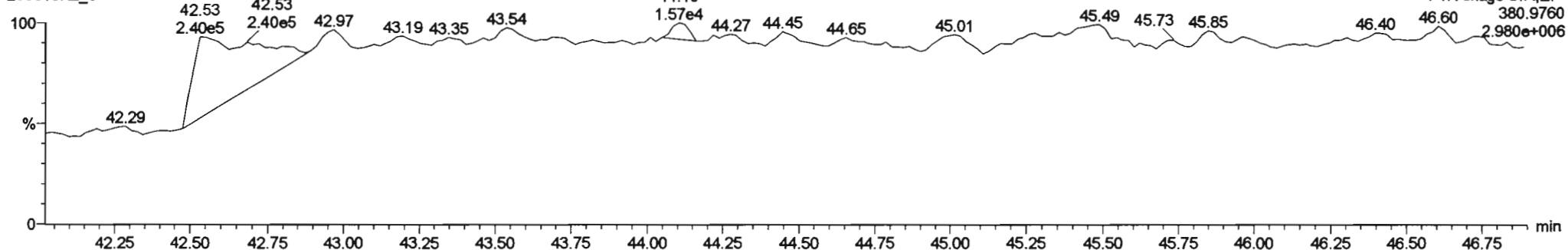


200613K2\_6



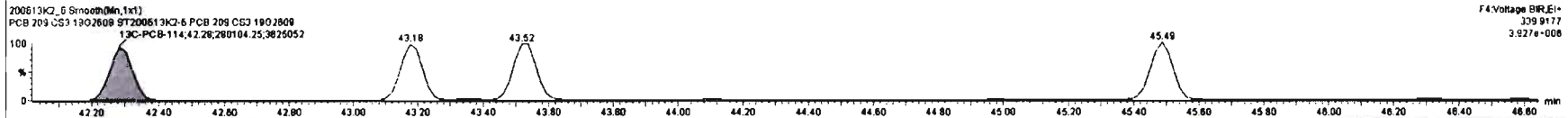
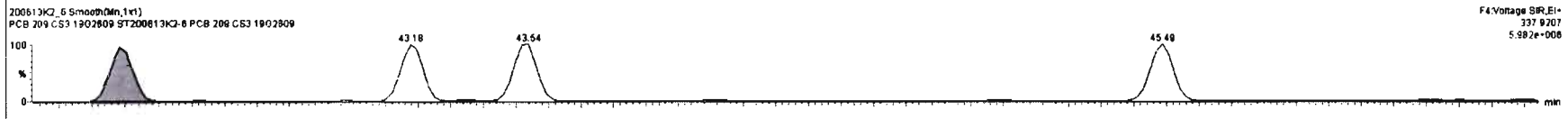
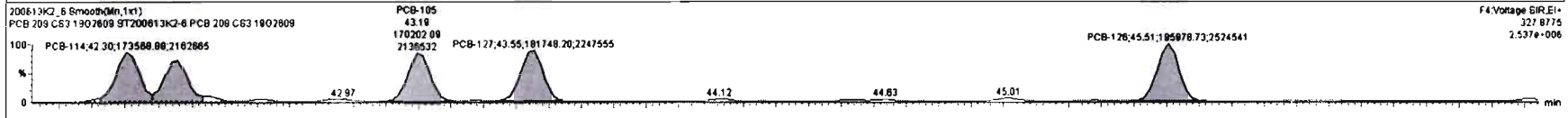
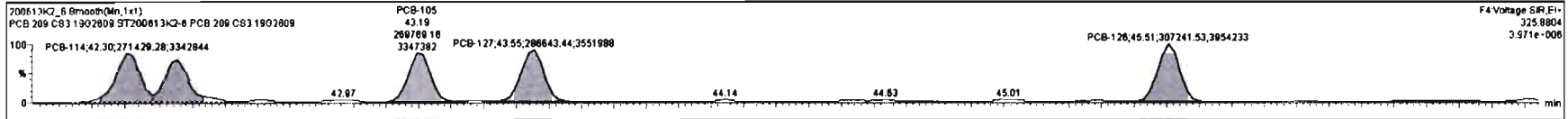
**PFK4a**

200613K2\_6



#	Name	Response	RA	nly	RRF	wtAvail	Pred.RT	RT	Pred.R...	RRT	RRT Fal	Conc.	%Rec.	DL	BbPC
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		1.38	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	BbPC	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	43.19	43.19	2.898e5	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	35.443	35.443
5	97 PCB-128	45.51	45.51	3.072e5	1.980e5	1.580	1.57	NO	54.830	54.830



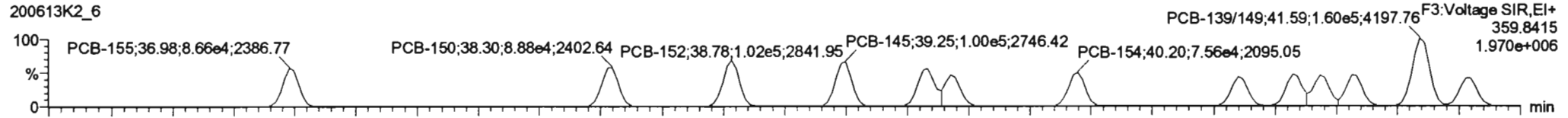
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

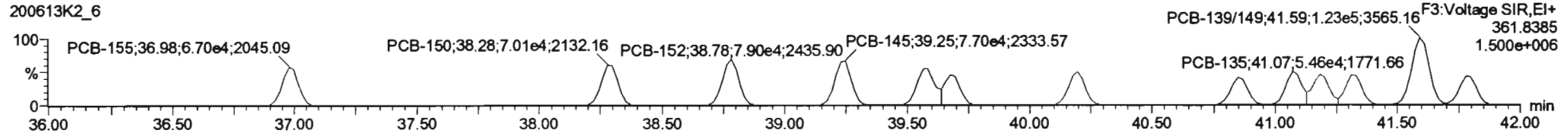
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**PCB-155**

200613K2\_6

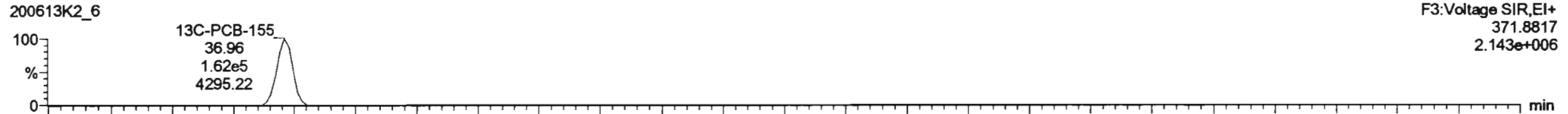


200613K2\_6

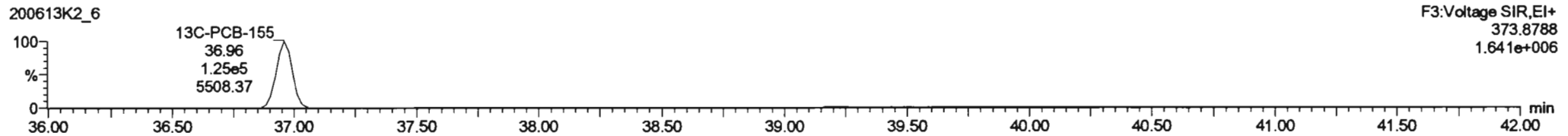


**13C-PCB-155**

200613K2\_6

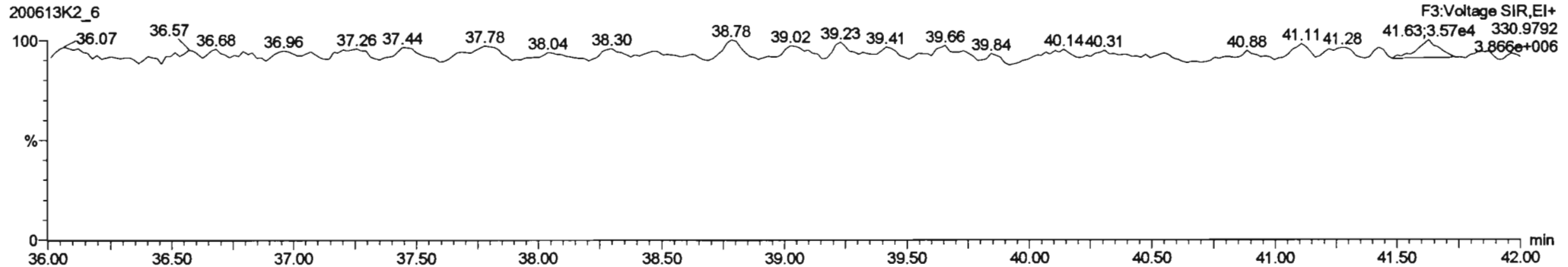


200613K2\_6



**PFK3c**

200613K2\_6



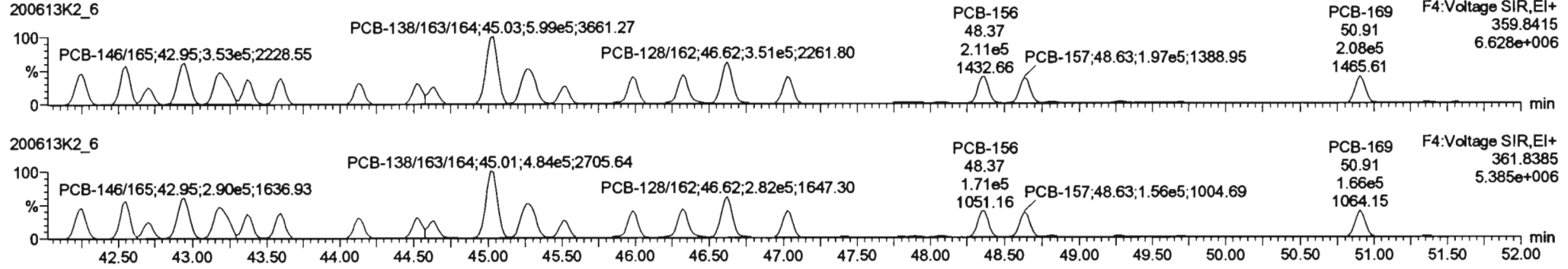
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Last Altered: Sunday, June 14, 2020 13:28:02 Pacific Daylight Time

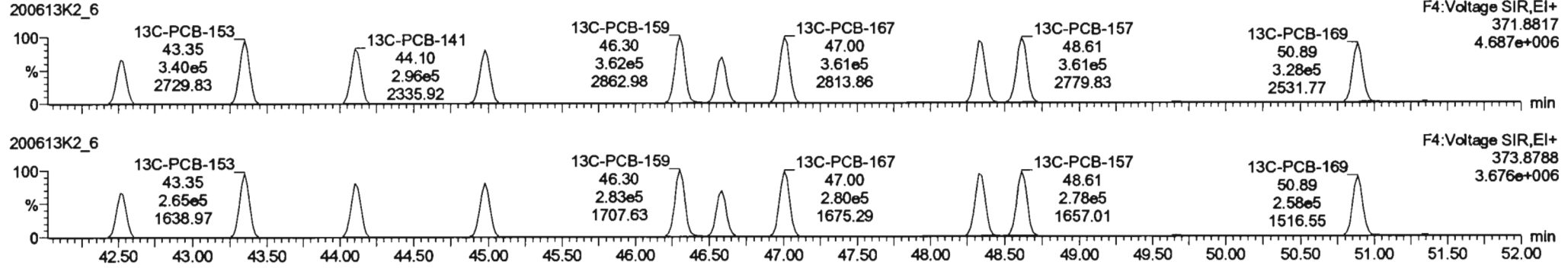
Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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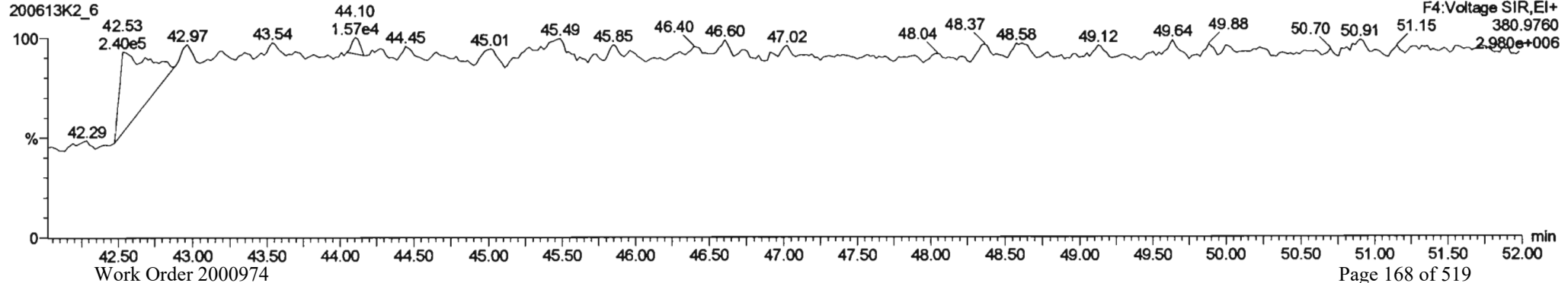
**PCB-134/143**



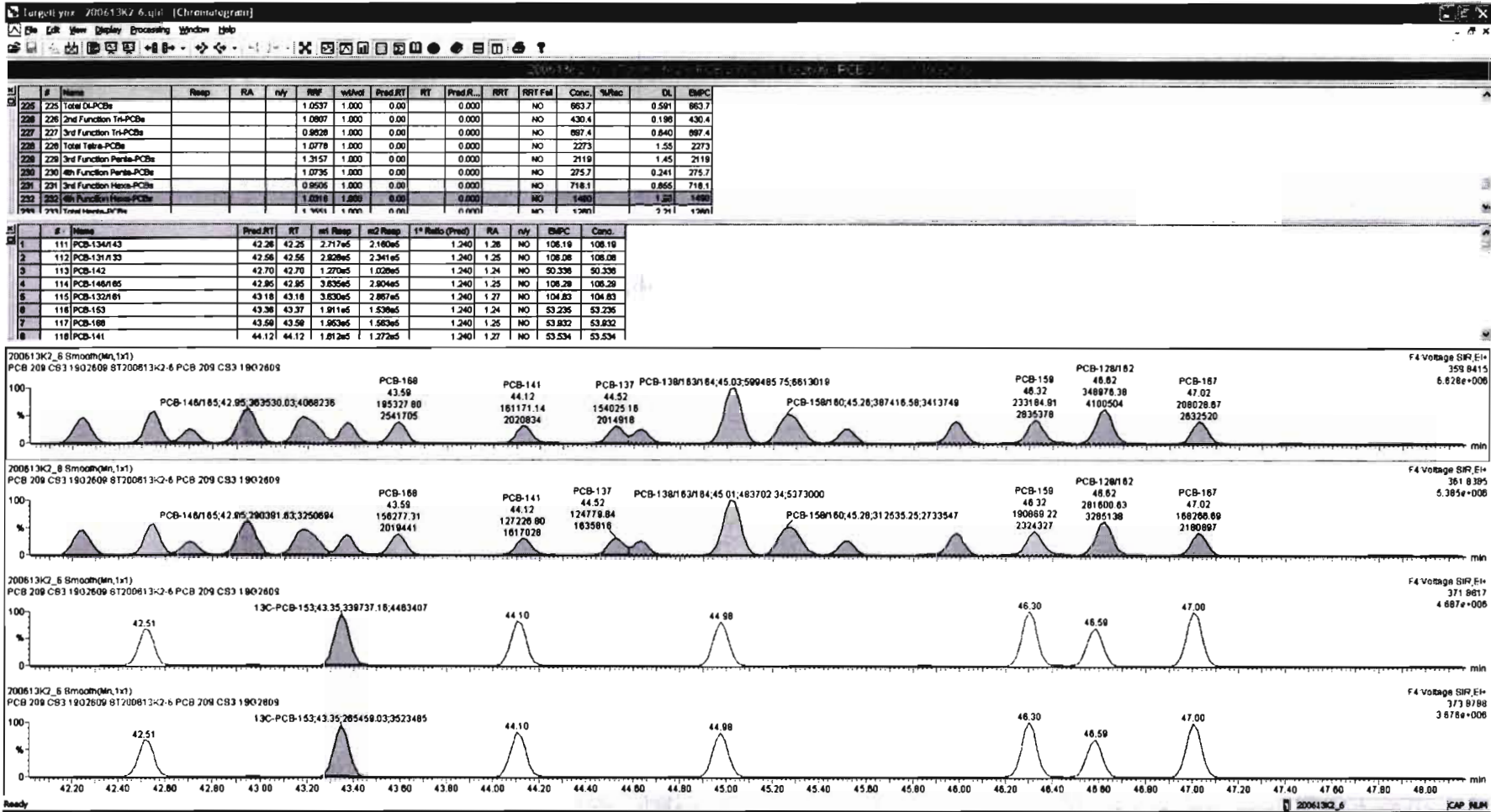
**13C-PCB-153**



**PFK4b**







Dataset: Untitled

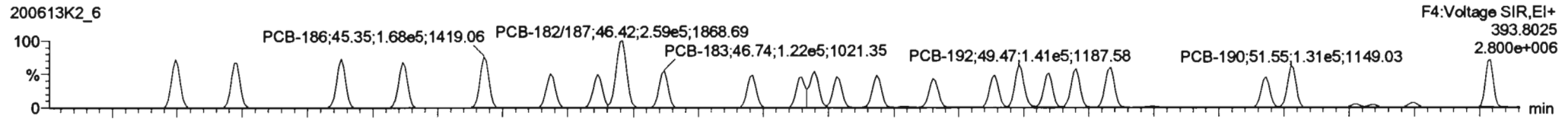
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

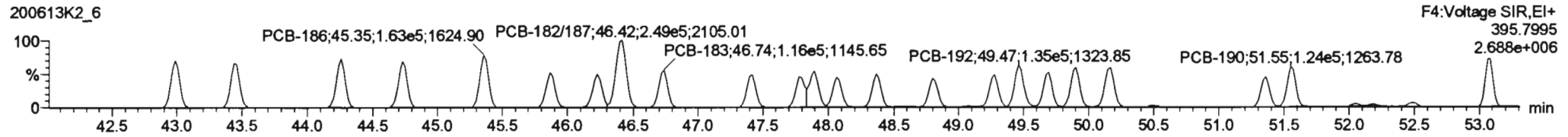
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**PCB-188**

200613K2\_6

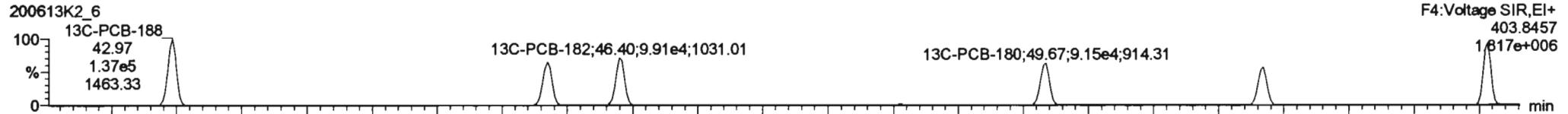


200613K2\_6

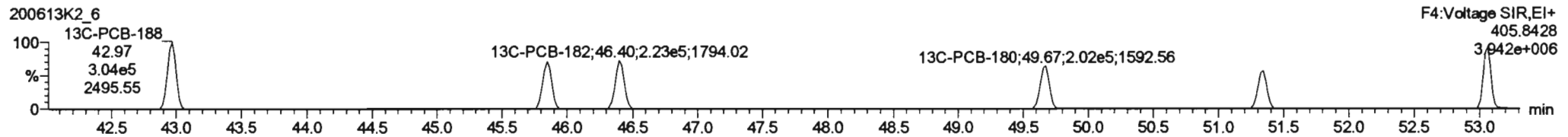


**13C-PCB-188**

200613K2\_6

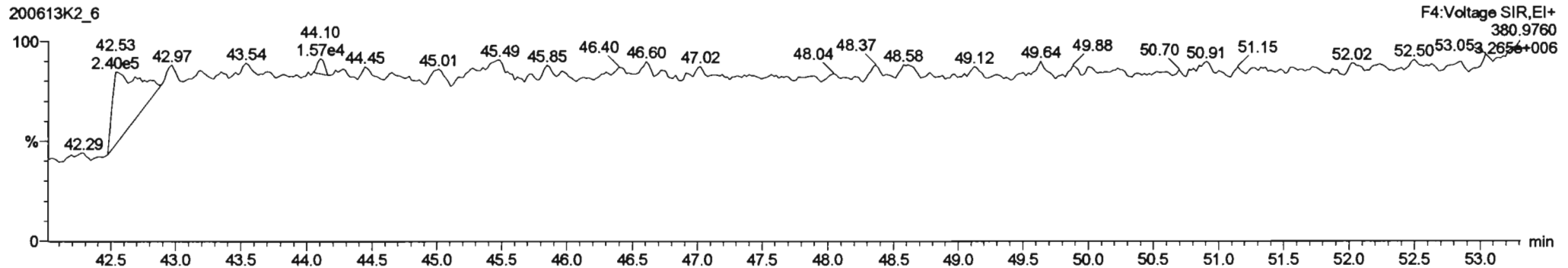


200613K2\_6



**PFK4c**

200613K2\_6



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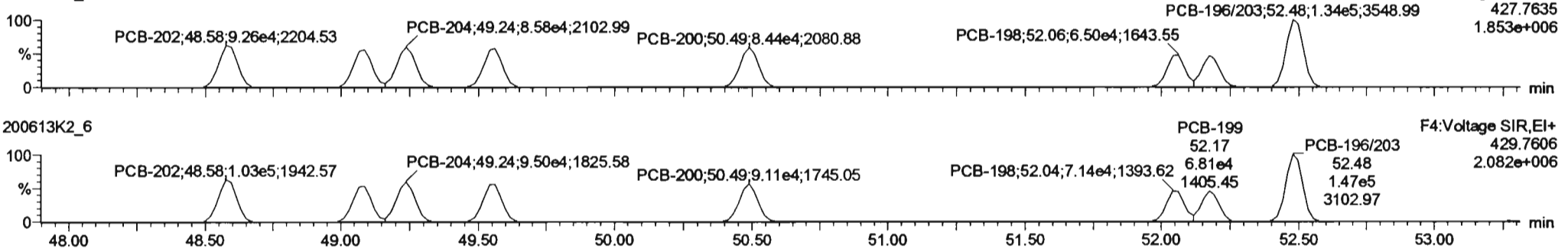
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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**PCB-202**

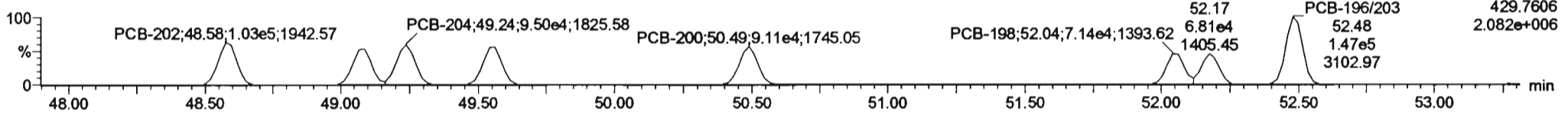
200613K2\_6

F4:Voltage SIR,EI+  
427.7635  
1.853e+006



200613K2\_6

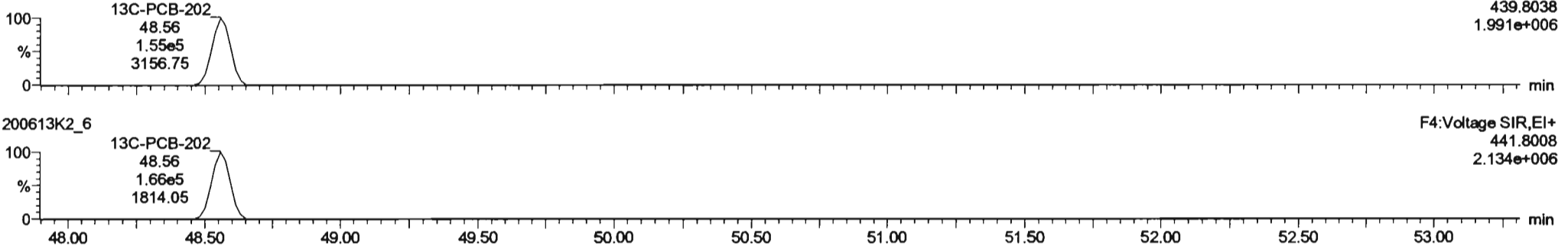
F4:Voltage SIR,EI+  
429.7606  
2.082e+006



**13C-PCB-202**

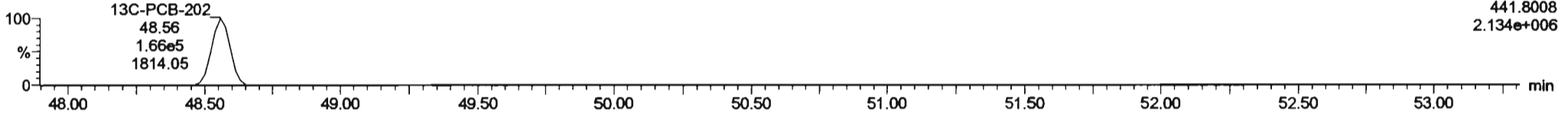
200613K2\_6

F4:Voltage SIR,EI+  
439.8038  
1.991e+006



200613K2\_6

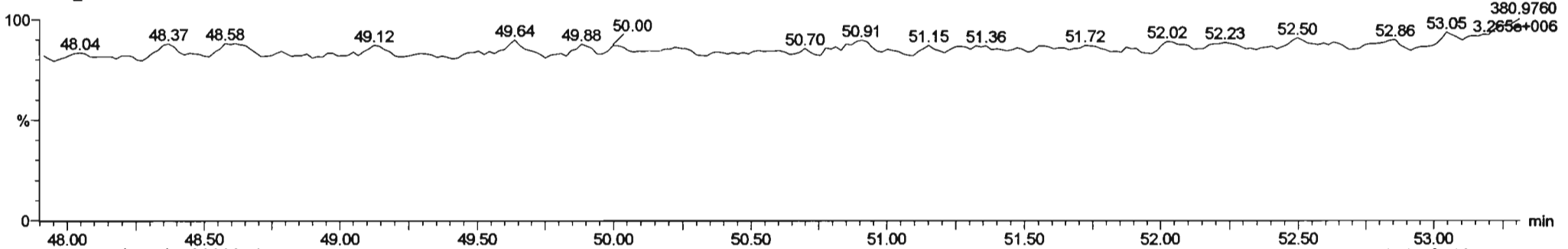
F4:Voltage SIR,EI+  
441.8008  
2.134e+006



**PFK4d**

200613K2\_6

F4:Voltage SIR,EI+  
380.9760  
3.265e+006

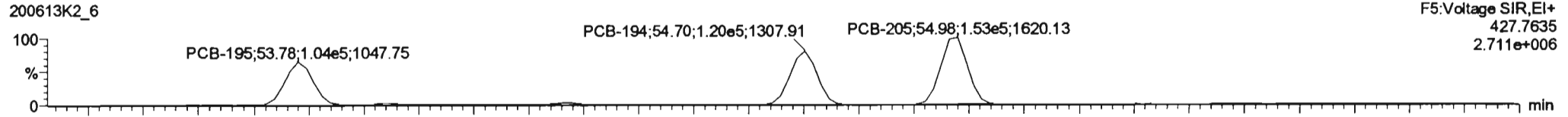


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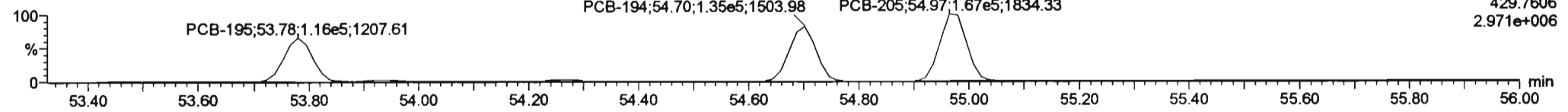
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Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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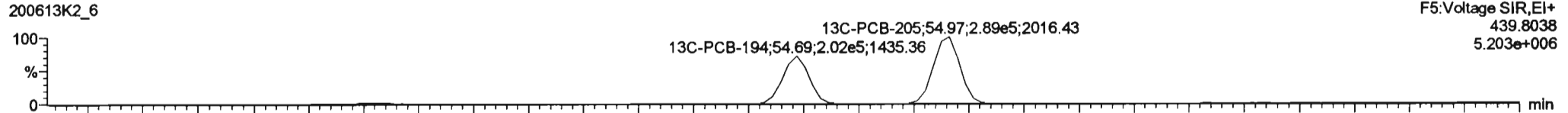
**PCB-195**



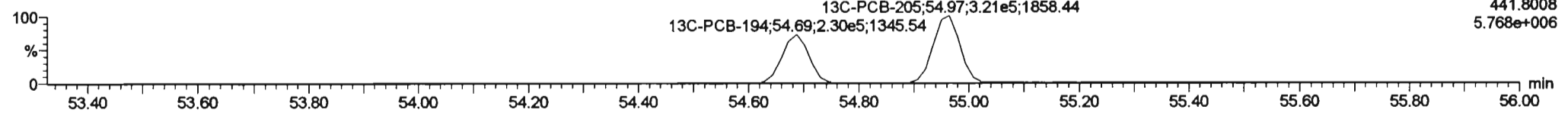
200613K2\_6



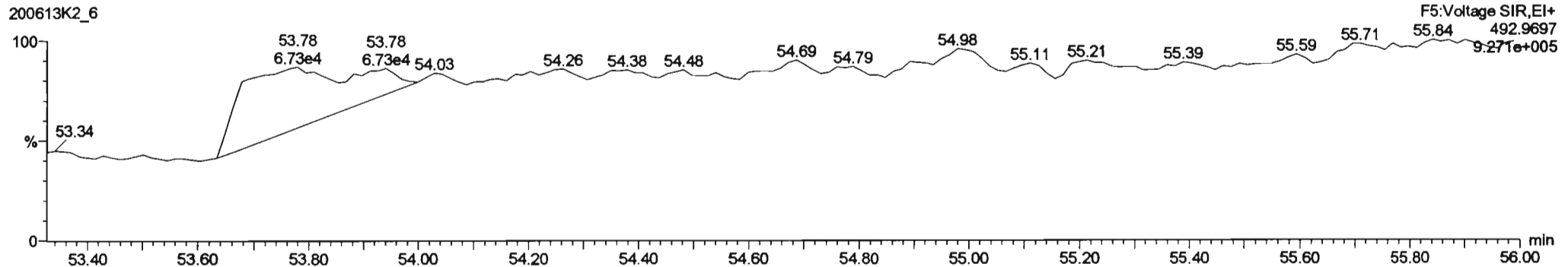
**13C-PCB-194**



200613K2\_6



**PFK5a**

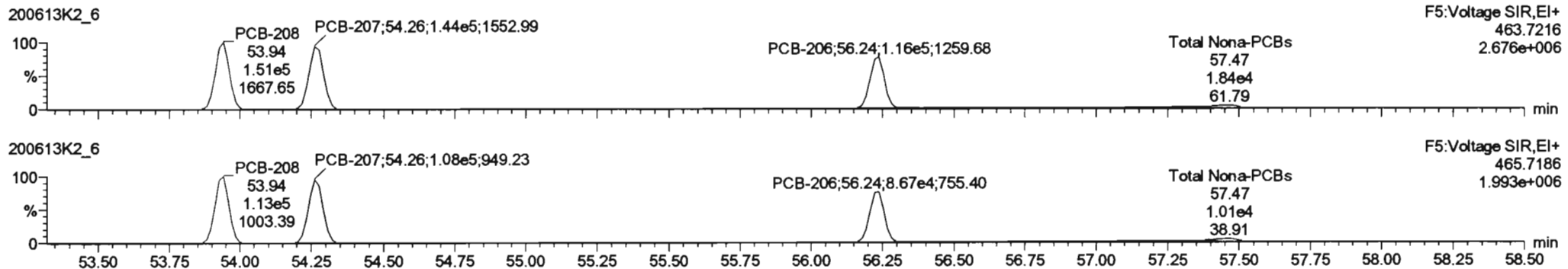


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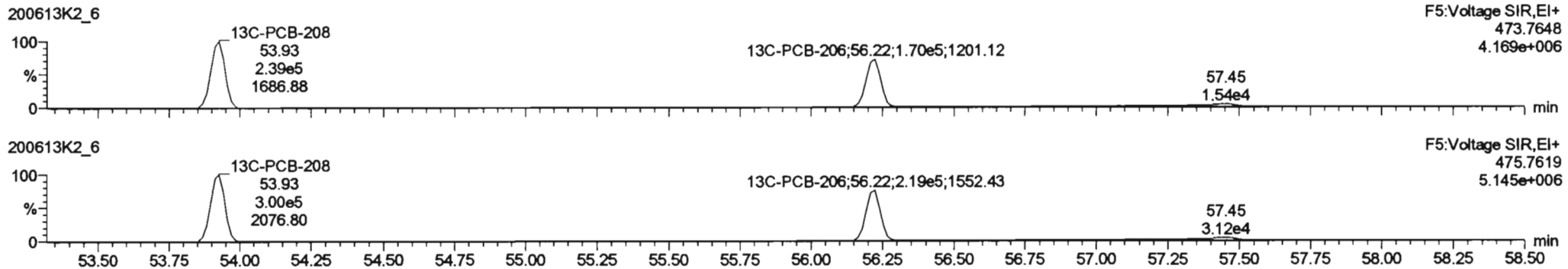
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 Printed: Sunday, June 14, 2020 13:29:36 Pacific Daylight Time

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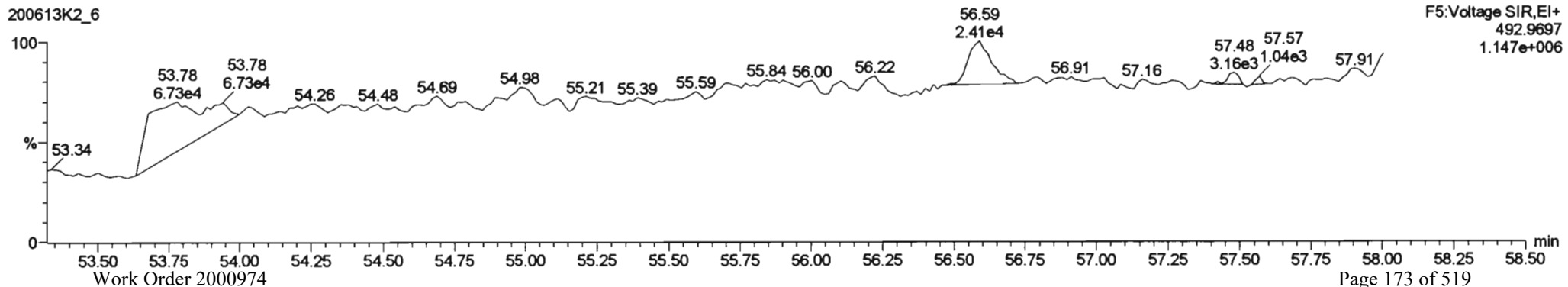
**PCB-208**



**13C-PCB-208**



**PFK5**



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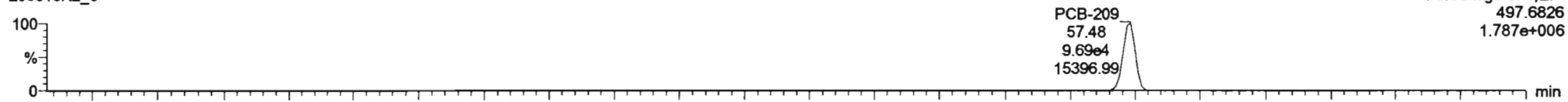
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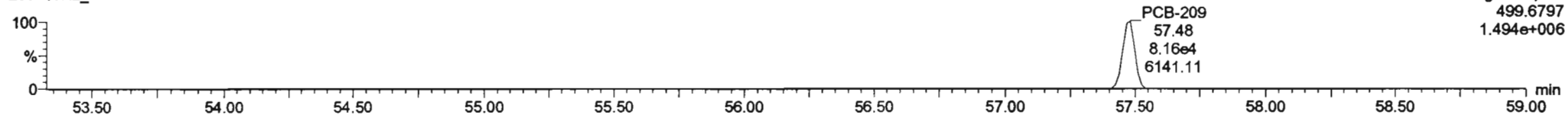
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**PCB-209**

200613K2\_6

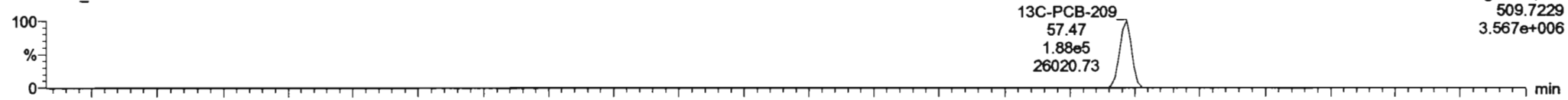


200613K2\_6

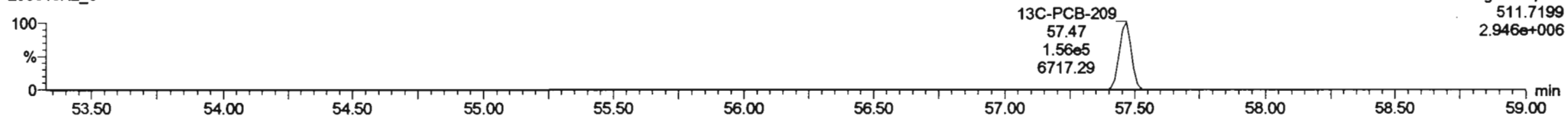


**13C-PCB-209**

200613K2\_6

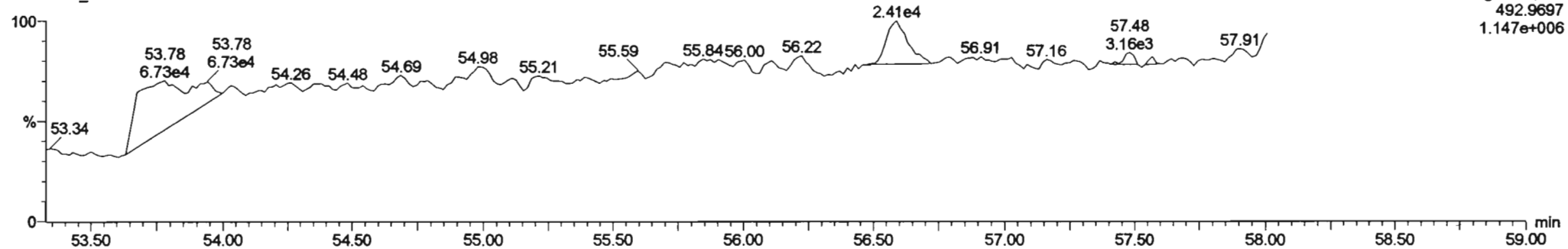


200613K2\_6



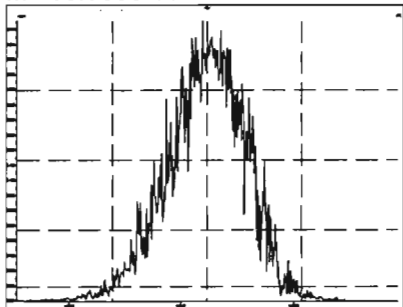
**PFK5b**

200613K2\_6

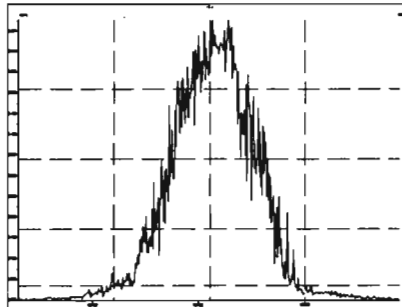


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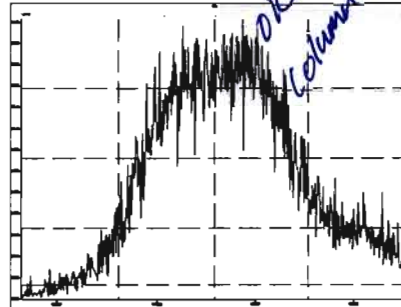
M 168.9888 R 11468



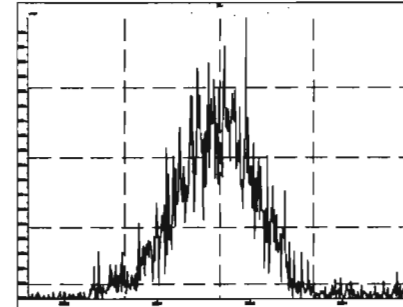
M 180.9888 R 11211



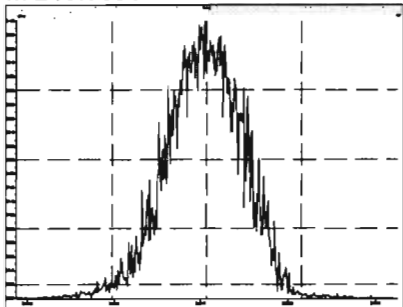
M 192.9888 R 0



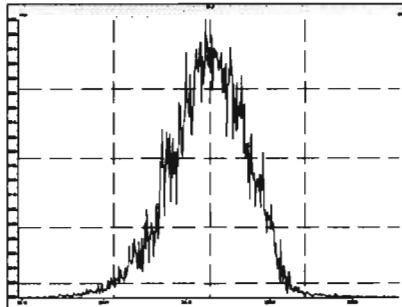
M 204.9888 R 11520



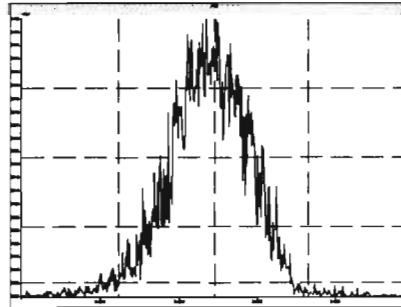
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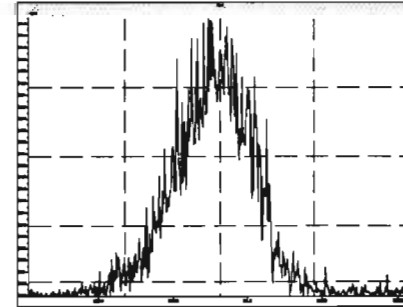
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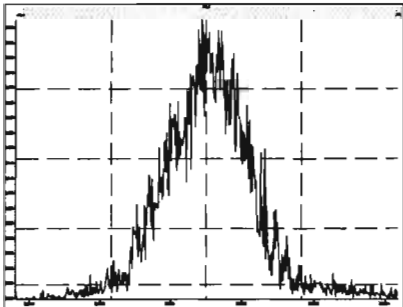
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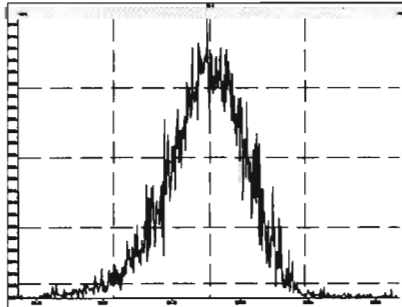
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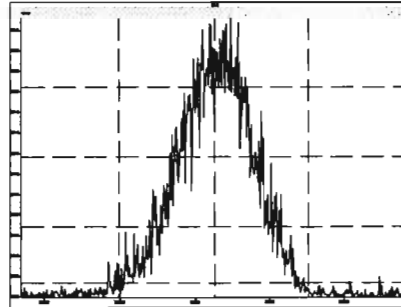
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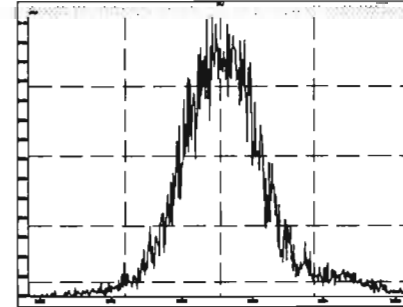
M 280.9824 R 11962



M 254.9856 R 11829



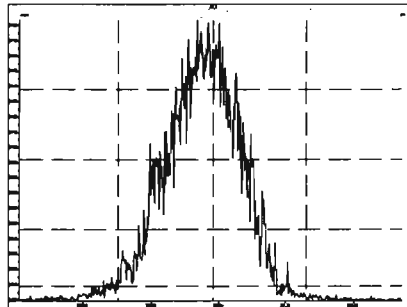
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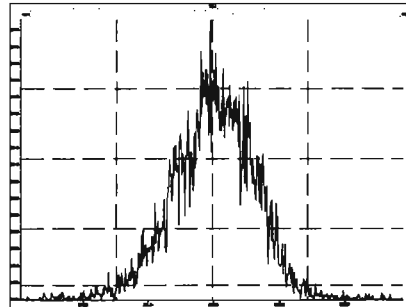
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Column bleed*

Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

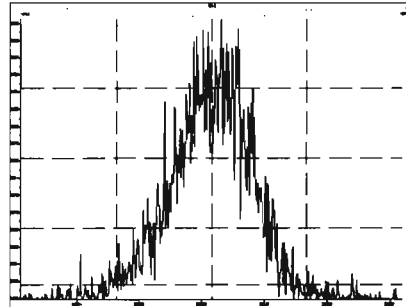
M 280.9824 R 11529



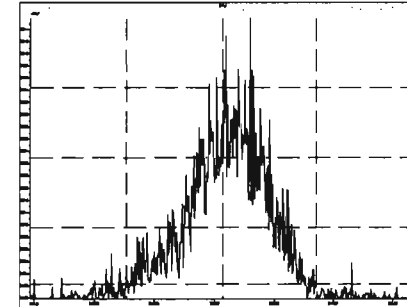
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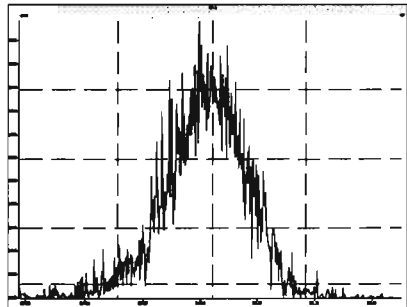
M 304.9824 R 11417



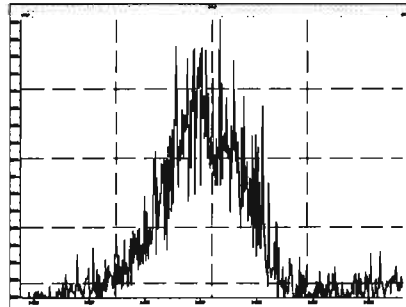
M 318.9792 R 11743



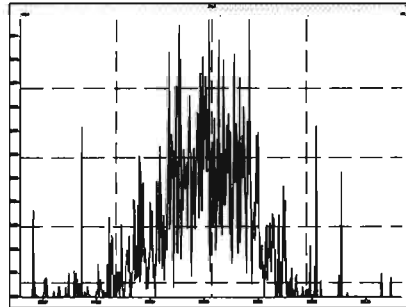
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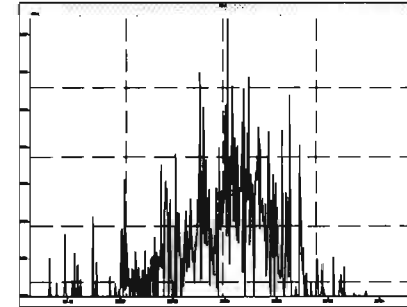
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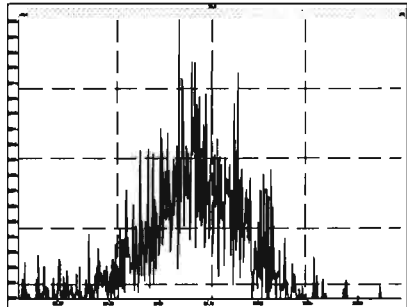
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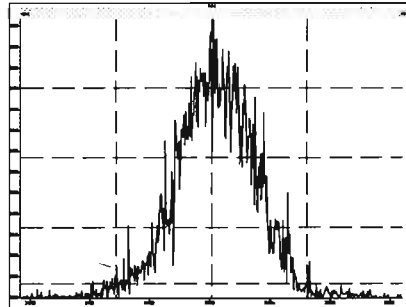
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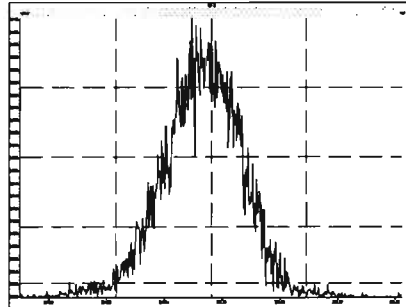
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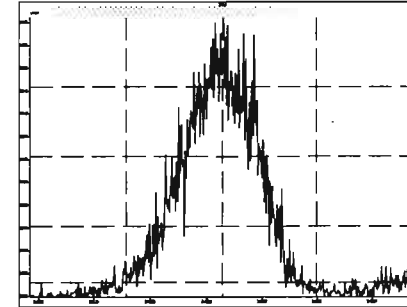
M 318.9792 R 12502



M 330.9792 R 12124



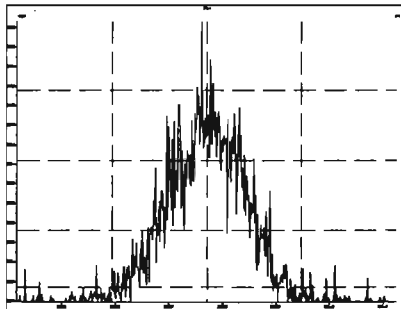
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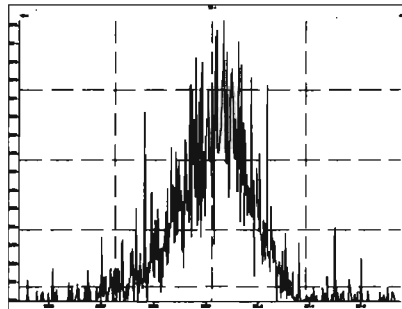


Printed: Sunday, June 14, 2020 07:05:38 Pacific Daylight Time

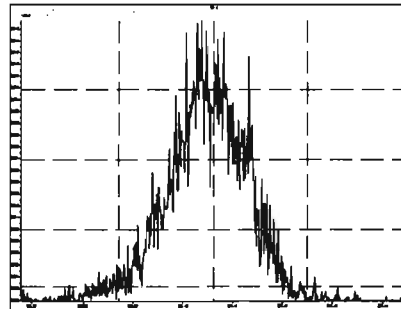
M 354.9792 R 12919



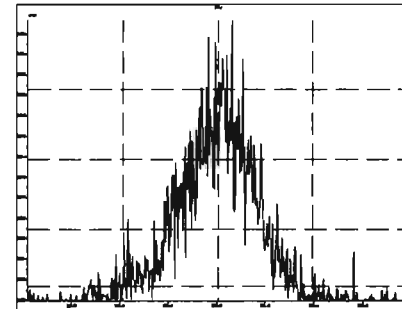
M 366.9792 R 15600



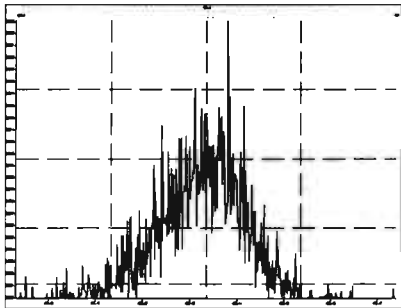
M 380.9760 R 12691



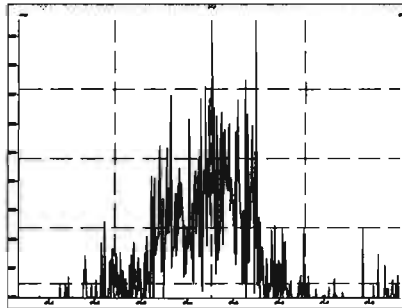
M 392.9760 R 14045



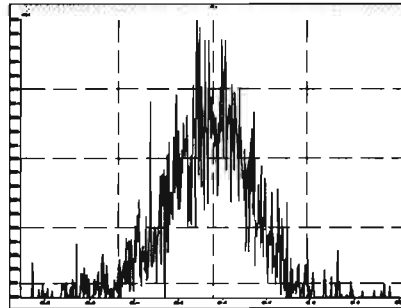
M 404.9760 R 14183



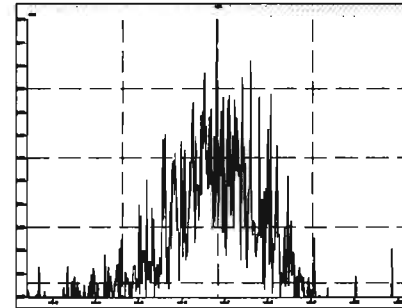
M 416.9760 R 33090



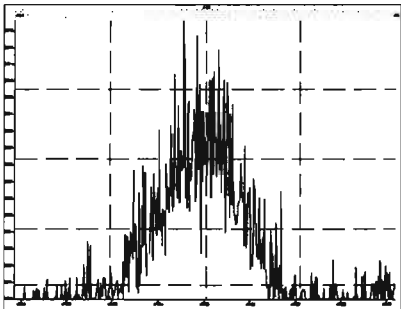
M 430.9728 R 16080



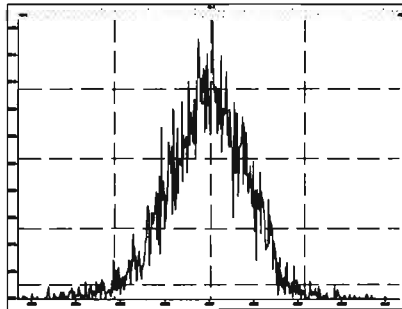
M 442.9728 R 18945



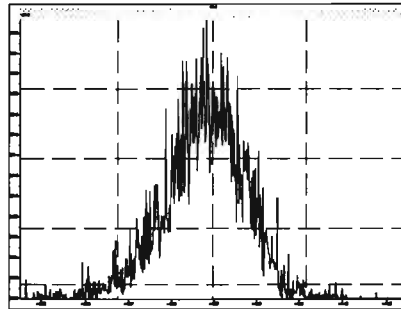
M 416.9760 R 16453



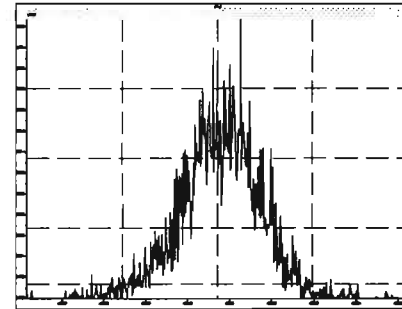
M 430.9728 R 12468



M 442.9728 R 12661

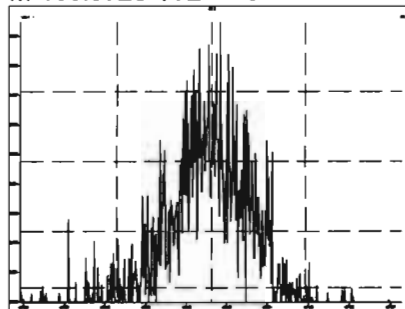


M 454.9728 R 12177

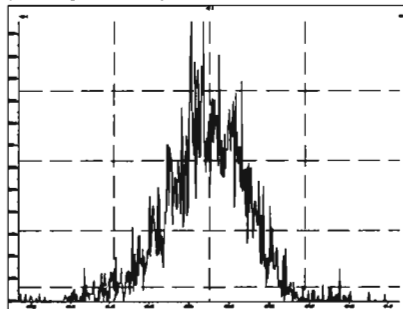


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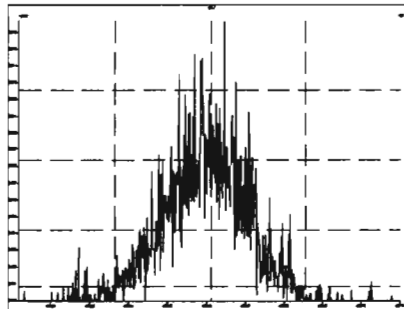
M 466.9728 R 21186



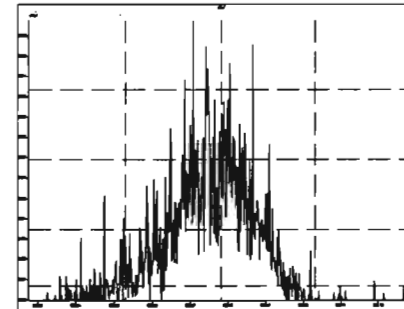
M 480.9696 R 12788



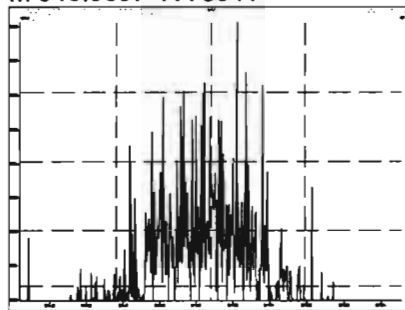
M 492.9696 R 14778



M 504.9696 R 14834



M 516.9697 R 73941



**HRMS CALIBRATION STANDARDS REVIEW CHECKLIST**

**Beg. Calibration ID:** ST 2006151621

**Reviewed By:** C7 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>Hv</u>	<u>97</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"/>	N
- Bottle position verified?		<u>Hv</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 type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-2.qld

Last Altered: Tuesday, June 16, 2020 08:12:12 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:12:51 Pacific Daylight Time

*HC 6/16/2020*

*0706/17/2020*

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: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	8.12e5	3.26	NO	1.17	1.000	15.53	15.54	1.001	1.001	NO	61.91	124 <i>75/125</i>	0.0139	61.91
2	2 PCB-2	8.51e5	3.27	NO	1.18	1.000	17.94	17.94	0.988	0.988	NO	61.16	122	0.0140	61.16
3	3 PCB-3	8.39e5	3.27	NO	1.15	1.000	18.17	18.18	1.001	1.001	NO	62.13	124	0.0144	62.13
4	4 PCB-4/10	1.51e6	1.57	NO	1.25	1.000	19.59	19.59	1.004	1.004	NO	116.3	116	0.0393	116.3
5	5 PCB-7/9	1.86e6	1.59	NO	0.960	1.000	21.40	21.37	1.003	1.001	NO	116.6	117	0.0326	116.6
6	6 PCB-6	9.75e5	1.58	NO	1.02	1.000	22.05	22.05	1.033	1.033	NO	57.37	115	0.0306	57.37
7	7 PCB-5/8	1.92e6	1.59	NO	0.992	1.000	22.45	22.45	1.052	1.052	NO	116.8	117	0.0315	116.8
8	8 PCB-14	9.73e5	1.56	NO	1.02	1.000	23.58	23.59	0.952	0.952	NO	58.41	117	0.0329	58.41
9	9 PCB-11	1.04e6	1.60	NO	1.13	1.000	24.80	24.81	1.001	1.001	NO	56.63	113	0.0297	56.63
10	10 PCB-12/13	1.97e6	1.57	NO	1.03	1.000	25.23	25.18	1.018	1.016	NO	117.2	117	0.0326	117.2
11	11 PCB-15	9.86e5	1.58	NO	1.03	1.000	25.54	25.54	1.031	1.030	NO	58.17	116	0.0324	58.17
12	12 PCB-19	3.76e5	1.04	NO	1.11	1.000	23.77	23.77	1.001	1.001	NO	59.19	118	0.0274	59.19
13	13 PCB-30	6.13e5	1.06	NO	1.79	1.000	24.67	24.68	1.039	1.040	NO	59.46	119	0.0169	59.46
14	14 PCB-18	4.05e5	1.06	NO	0.818	1.000	25.45	25.45	0.952	0.952	NO	60.11	120	0.0260	60.11
15	15 PCB-17	3.78e5	1.04	NO	0.758	1.000	25.63	25.63	0.958	0.958	NO	60.48	121	0.0280	60.48
16	16 PCB-24/27	1.07e6	1.05	NO	1.08	1.000	26.24	26.22	0.981	0.980	NO	119.8	120	0.0196	119.8
17	17 PCB-16/32	9.11e5	1.05	NO	0.925	1.000	26.76	26.76	1.001	1.001	NO	119.4	119	0.0230	119.4
18	18 PCB-34	7.94e5	1.04	NO	0.945	1.000	27.56	27.58	0.959	0.959	NO	55.28	111	0.0306	55.28
19	19 PCB-23	7.73e5	1.04	NO	0.883	1.000	27.65	27.65	0.962	0.962	NO	57.58	115	0.0328	57.58
20	20 PCB-29	7.68e5	1.03	NO	0.893	1.000	27.91	27.91	0.971	0.971	NO	56.60	113	0.0324	56.60
21	21 PCB-26	8.16e5	1.05	NO	0.944	1.000	28.14	28.14	0.979	0.979	NO	56.86	114	0.0307	56.86
22	22 PCB-25	8.16e5	1.09	NO	0.950	1.000	28.29	28.31	0.984	0.984	NO	56.53	113	0.0305	56.53
23	23 PCB-31	8.58e5	1.02	NO	1.04	1.000	28.66	28.66	0.997	0.997	NO	54.49	109	0.0279	54.49
24	24 PCB-28	9.20e5	1.05	NO	1.03	1.000	28.77	28.77	1.001	1.001	NO	59.08	118	0.0282	59.08
25	25 PCB-20/21/33	2.39e6	1.06	NO	0.941	1.000	29.41	29.40	1.023	1.023	NO	167.3	112	0.0308	167.3
26	26 PCB-22	8.39e5	1.08	NO	0.973	1.000	29.85	29.87	1.038	1.039	NO	56.77	114	0.0298	56.77
27	27 PCB-36	8.79e5	1.08	NO	1.08	1.000	30.50	30.50	0.931	0.931	NO	59.26	119	0.0306	59.26
28	28 PCB-39	7.87e5	1.04	NO	0.988	1.000	30.98	30.98	0.946	0.946	NO	57.77	116	0.0333	57.77
29	29 PCB-38	8.52e5	1.08	NO	1.05	1.000	31.78	31.77	0.970	0.970	NO	58.82	118	0.0313	58.82
30	30 PCB-35	8.40e5	1.06	NO	1.04	1.000	32.32	32.32	0.987	0.987	NO	58.43	117	0.0315	58.43
31	31 PCB-37	8.08e5	1.05	NO	1.01	1.000	32.77	32.77	1.001	1.001	NO	58.12	116	0.0326	58.12
32	32 PCB-54	5.18e5	0.79	NO	1.08	1.000	27.62	27.62	1.001	1.001	NO	57.92	116	0.0346	57.92

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-2.qld

Last Altered: Tuesday, June 16, 2020 08:12:12 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:12:51 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	4.24e5	0.79	NO	0.880	1.000	28.81	28.83	1.044	1.045	NO	58.15	116	0.0425	58.15
34	34 PCB-53	3.85e5	0.79	NO	0.997	1.000	29.50	29.50	0.944	0.944	NO	58.34	117	0.0480	58.34
35	35 PCB-51	4.15e5	0.79	NO	1.07	1.000	29.84	29.83	0.955	0.955	NO	58.91	118	0.0449	58.91
36	36 PCB-45	3.33e5	0.77	NO	0.858	1.000	30.29	30.28	0.969	0.969	NO	58.61	117	0.0558	58.61
37	37 PCB-46	3.14e5	0.80	NO	0.831	1.000	30.78	30.78	0.985	0.985	NO	57.16	114	0.0576	57.16
38	38 PCB-52/69	8.81e5	0.79	NO	1.17	1.000	31.28	31.28	1.001	1.001	NO	114.3	114	0.0410	114.3
39	39 PCB-73	5.63e5	0.79	NO	1.44	1.000	31.40	31.39	1.005	1.005	NO	58.98	118	0.0332	58.98
40	40 PCB-43/49	7.86e5	0.78	NO	1.02	1.000	31.57	31.56	1.010	1.010	NO	117.0	117	0.0471	117.0
41	41 PCB-47	4.03e5	0.78	NO	0.922	1.000	31.79	31.78	1.001	1.001	NO	62.35	125	0.0490	62.35
42	42 PCB-48/75	8.84e5	0.78	NO	1.12	1.000	31.90	31.90	1.004	1.004	NO	112.6	113	0.0403	112.6
43	43 PCB-65	5.12e5	0.79	NO	1.28	1.000	32.17	32.18	1.013	1.013	NO	56.93	114	0.0353	56.93
44	44 PCB-62	4.49e5	0.77	NO	1.13	1.000	32.27	32.29	1.016	1.016	NO	56.75	113	0.0401	56.75
45	45 PCB-44	3.23e5	0.78	NO	0.824	1.000	32.62	32.60	1.027	1.026	NO	55.96	112	0.0548	55.96
46	46 PCB-42/59	8.46e5	0.78	NO	1.05	1.000	32.85	32.83	1.034	1.033	NO	114.9	115	0.0431	114.9
47	47 PCB-41/64/71/72	1.91e6	0.77	NO	1.19	1.000	33.45	33.44	1.053	1.053	NO	229.0	114	0.0381	229.0
48	48 PCB-68	5.03e5	0.80	NO	1.28	1.000	33.70	33.70	1.061	1.061	NO	56.19	112	0.0354	56.19
49	49 PCB-40	2.46e5	0.79	NO	0.602	1.000	33.93	33.92	1.068	1.068	NO	58.26	117	0.0751	58.26
50	50 PCB-57	5.46e5	0.78	NO	1.16	1.000	34.30	34.30	0.969	0.969	NO	59.49	119	0.0344	59.49
51	51 PCB-67	4.85e5	0.78	NO	1.08	1.000	34.62	34.61	0.978	0.978	NO	56.76	114	0.0369	56.76
52	52 PCB-58	5.65e5	0.79	NO	1.20	1.000	34.74	34.74	0.982	0.982	NO	59.46	119	0.0332	59.46
53	53 PCB-63	4.97e5	0.78	NO	1.07	1.000	34.90	34.89	0.986	0.986	NO	58.77	118	0.0373	58.77
54	54 PCB-74	5.46e5	0.79	NO	1.19	1.000	35.20	35.19	0.994	0.994	NO	58.39	117	0.0337	58.39
55	55 PCB-61/70	1.00e6	0.76	NO	1.05	1.000	35.41	35.41	1.000	1.001	NO	120.7	121	0.0379	120.7
56	56 PCB-76/66	1.07e6	0.78	NO	1.16	1.000	35.60	35.60	1.006	1.006	NO	116.7	117	0.0343	116.7
57	57 PCB-80	5.60e5	0.77	NO	1.19	1.000	35.84	35.84	1.001	1.001	NO	58.61	117	0.0331	58.61
58	58 PCB-55	5.50e5	0.76	NO	1.17	1.000	36.16	36.18	1.010	1.010	NO	58.44	117	0.0336	58.44
59	59 PCB-56/60	9.73e5	0.77	NO	1.02	1.000	36.68	36.68	1.024	1.024	NO	118.7	119	0.0385	118.7
60	60 PCB-79	5.48e5	0.79	NO	1.14	1.000	37.78	37.80	1.055	1.055	NO	59.75	120	0.0345	59.75
61	61 PCB-78	5.26e5	0.78	NO	1.14	1.000	38.50	38.50	0.987	0.987	NO	58.28	117	0.0362	58.28
62	62 PCB-81	4.67e5	0.77	NO	1.05	1.000	39.04	39.04	1.000	1.000	NO	56.18	112	0.0393	56.18
63	63 PCB-77	5.11e5	0.80	NO	1.14	1.000	39.66	39.66	1.000	1.000	NO	58.01	116	0.0380	58.01
64	64 PCB-104	2.59e5	1.62	NO	1.12	1.000	32.46	32.45	1.001	1.001	NO	59.66	119	0.0322	59.66
65	65 PCB-96	2.63e5	1.60	NO	1.15	1.000	33.78	33.76	1.041	1.041	NO	58.84	118	0.0313	58.84
66	66 PCB-103	2.02e5	1.60	NO	0.936	1.000	34.34	34.32	1.059	1.058	NO	55.79	112	0.0386	55.79
67	67 PCB-100	2.10e5	1.60	NO	0.954	1.000	34.69	34.69	1.069	1.069	NO	56.92	114	0.0379	56.92
68	68 PCB-94	1.66e5	1.55	NO	0.949	1.000	35.19	35.17	0.985	0.985	NO	57.79	116	0.0514	57.79

75-125

Dataset: U:\VG11.PRO\Results\200615K2\200615K2-2.qld

Last Altered: Tuesday, June 16, 2020 08:12:12 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:12:51 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 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	6.22e5	1.59	NO	1.20	1.000	35.67	35.66	0.999	0.998	NO	170.4	114	0.0405	170.4
70	70 PCB-93	1.63e5	1.62	NO	0.935	1.000	35.79	35.79	1.002	1.002	NO	57.36	115	0.0522	57.36
71	71 PCB-88/91	3.75e5	1.57	NO	1.06	1.000	36.14	36.12	1.012	1.011	NO	116.1	116	0.0458	116.1
72	72 PCB-121	2.89e5	1.60	NO	1.71	1.000	36.23	36.23	1.015	1.015	NO	55.86	112	0.0285	55.86
73	73 PCB-84/92	3.51e5	1.58	NO	1.02	1.000	37.08	37.07	0.990	0.990	NO	114.8	115	0.0468	114.8
74	74 PCB-89	1.85e5	1.62	NO	1.11	1.000	37.25	37.27	0.995	0.996	NO	55.66	111	0.0431	55.66
75	75 PCB-90/101	3.82e5	1.59	NO	1.12	1.000	37.46	37.46	1.000	1.000	NO	113.2	113	0.0425	113.2
76	76 PCB-113	2.59e5	1.61	NO	1.51	1.000	37.70	37.70	1.007	1.007	NO	56.86	114	0.0315	56.86
77	77 PCB-99	2.22e5	1.61	NO	1.32	1.000	37.79	37.81	1.009	1.010	NO	56.03	112	0.0361	56.03
78	78 PCB-119	2.64e5	1.59	NO	1.81	1.000	38.28	38.28	0.987	0.987	NO	56.29	113	0.0313	56.29
79	79 PCB-108/112	4.47e5	1.59	NO	1.44	1.000	38.44	38.45	0.991	0.991	NO	118.9	119	0.0391	118.9
80	80 PCB-83	2.79e5	1.64	NO	1.83	1.000	38.59	38.61	0.995	0.996	NO	58.46	117	0.0309	58.46
81	81 PCB-97	1.83e5	1.65	NO	1.28	1.000	38.80	38.82	1.000	1.001	NO	54.84	110	0.0441	54.84
82	82 PCB-86	1.75e5	1.61	NO	1.12	1.000	38.95	38.97	1.004	1.005	NO	60.27	121	0.0506	60.27
83	83 PCB-87/117/125	7.12e5	1.60	NO	1.56	1.000	39.10	39.10	1.008	1.008	NO	175.5	117	0.0363	175.5
84	84 PCB-111/115	5.78e5	1.60	NO	1.91	1.000	39.25	39.25	1.012	1.012	NO	116.3	116	0.0296	116.3
85	85 PCB-85/116	4.33e5	1.59	NO	1.41	1.000	39.38	39.38	1.015	1.015	NO	117.9	118	0.0401	117.9
86	86 PCB-120	2.98e5	1.60	NO	2.01	1.000	39.64	39.64	1.022	1.022	NO	57.05	114	0.0282	57.05
87	87 PCB-110	2.64e5	1.57	NO	1.74	1.000	39.77	39.79	1.026	1.026	NO	58.31	117	0.0324	58.31
88	88 PCB-82	1.64e5	1.64	NO	0.781	1.000	40.44	40.42	0.976	0.975	NO	60.03	120	0.0537	60.03
89	89 PCB-124	2.70e5	1.59	NO	1.40	1.000	41.15	41.15	0.993	0.993	NO	55.19	110	0.0301	55.19
90	90 PCB-107/109	5.40e5	1.59	NO	1.34	1.000	41.29	41.28	0.996	0.996	NO	115.1	115	0.0313	115.1
91	91 PCB-123	2.42e5	1.61	NO	1.20	1.000	41.46	41.46	1.000	1.000	NO	57.62	115	0.0350	57.62
92	92 PCB-106/118	5.16e5	1.59	NO	1.22	1.000	41.67	41.67	1.001	1.001	NO	116.1	116	0.0330	116.1
93	93 PCB-114	5.98e5	1.57	NO	1.14	1.000	42.33	42.32	1.000	1.000	NO	57.67	115	0.0349	57.67
94	94 PCB-122	4.78e5	1.61	NO	0.944	1.000	42.47	42.46	1.004	1.004	NO	55.71	111	0.0422	55.71
95	95 PCB-105	5.39e5	1.59	NO	1.05	1.000	43.21	43.21	1.000	1.000	NO	56.53	113	0.0381	56.53
96	96 PCB-127	5.69e5	1.57	NO	1.06	1.000	43.55	43.55	1.000	1.000	NO	56.44	113	0.0362	56.44
97	97 PCB-126	5.95e5	1.63	NO	1.17	1.000	45.52	45.53	1.000	1.000	NO	56.66	113	0.0357	56.66
98	98 PCB-155	1.04e5	1.27	NO	1.04	1.000	37.00	37.00	1.000	1.001	NO	56.20	112	0.0226	56.20
99	99 PCB-150	1.06e5	1.33	NO	1.08	1.000	38.32	38.30	1.036	1.036	NO	55.62	111	0.0217	55.62
100	1... PCB-152	1.17e5	1.30	NO	1.19	1.000	38.80	38.78	1.049	1.049	NO	55.94	112	0.0199	55.94
101	1... PCB-145	1.17e5	1.34	NO	1.19	1.000	39.27	39.25	1.062	1.061	NO	55.62	111	0.0198	55.62
102	1... PCB-136	1.01e5	1.27	NO	1.02	1.000	39.60	39.58	1.071	1.070	NO	55.84	112	0.0231	55.84
103	1... PCB-148	8.02e4	1.29	NO	0.842	1.000	39.71	39.69	1.074	1.073	NO	54.01	108	0.0280	54.01
104	1... PCB-154	8.93e4	1.31	NO	0.919	1.000	40.22	40.20	1.088	1.087	NO	55.04	110	0.0256	55.04

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Dataset: U:\VG11.PRO\Results\200615K2\200615K2-2.qld

Last Altered: Tuesday, June 16, 2020 08:12:12 Pacific Daylight Time  
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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 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	7.71e4	1.35	NO	0.787	1.000	40.88	40.87	1.105	1.105	NO	55.51	111	0.0300	55.51
106	1... PCB-135	8.50e4	1.31	NO	0.922	1.000	41.09	41.09	1.111	1.111	NO	52.23	104	0.0255	52.23
107	1... PCB-144	7.31e4	1.33	NO	0.789	1.000	41.20	41.20	1.114	1.114	NO	52.45	105	0.0299	52.45
108	1... PCB-147	8.00e4	1.30	NO	0.834	1.000	41.33	41.33	1.118	1.118	NO	54.33	109	0.0282	54.33
109	1... PCB-139/149	1.74e5	1.30	NO	0.948	1.000	41.62	41.61	1.125	1.125	NO	104.1	104	0.0249	104.1
110	1... PCB-140	7.58e4	1.32	NO	0.794	1.000	41.80	41.80	1.130	1.130	NO	54.13	108	0.0297	54.13
111	1... PCB-134/143	5.45e5	1.26	NO	0.759	1.000	42.28	42.25	0.975	0.974	NO	116.8	117	0.0791	116.8
112	1... PCB-131/133	5.90e5	1.25	NO	0.821	1.000	42.58	42.55	0.982	0.981	NO	117.0	117	0.0731	117.0
113	1... PCB-142	2.62e5	1.24	NO	0.754	1.000	42.72	42.72	0.985	0.985	NO	56.51	113	0.0796	56.51
114	1... PCB-146/165	7.07e5	1.26	NO	1.02	1.000	42.97	42.95	0.991	0.990	NO	113.1	113	0.0590	113.1
115	1... PCB-132/161	7.06e5	1.24	NO	1.02	1.000	43.20	43.19	0.996	0.996	NO	112.1	112	0.0586	112.1
116	1... PCB-153	3.64e5	1.26	NO	1.07	1.000	43.38	43.38	1.000	1.000	NO	55.34	111	0.0561	55.34
117	1... PCB-168	3.69e5	1.26	NO	1.08	1.000	43.61	43.59	1.006	1.005	NO	55.73	111	0.0557	55.73
118	1... PCB-141	3.00e5	1.26	NO	1.03	1.000	44.14	44.14	1.000	1.000	NO	57.28	115	0.0672	57.28
119	1... PCB-137	3.19e5	1.23	NO	1.11	1.000	44.54	44.54	1.010	1.009	NO	56.30	113	0.0621	56.30
120	1... PCB-130	2.48e5	1.28	NO	0.885	1.000	44.64	44.63	1.012	1.012	NO	55.01	110	0.0779	55.01
121	1... PCB-138/163/164	1.15e6	1.25	NO	1.28	1.000	45.03	45.03	1.001	1.001	NO	167.3	112	0.0527	167.3
122	1... PCB-158/160	7.46e5	1.24	NO	1.24	1.000	45.28	45.28	1.006	1.006	NO	112.4	112	0.0545	112.4
123	1... PCB-129	2.52e5	1.28	NO	0.867	1.000	45.54	45.53	1.012	1.012	NO	54.27	109	0.0780	54.27
124	1... PCB-166	4.20e5	1.25	NO	1.14	1.000	46.01	46.00	0.993	0.993	NO	56.22	112	0.0504	56.22
125	1... PCB-159	4.52e5	1.25	NO	1.22	1.000	46.34	46.34	1.000	1.000	NO	56.88	114	0.0474	56.88
126	1... PCB-128/162	6.87e5	1.24	NO	0.907	1.000	46.63	46.62	1.007	1.007	NO	115.9	116	0.0635	115.9
127	1... PCB-167	4.13e5	1.23	NO	1.11	1.000	47.04	47.04	1.000	1.000	NO	55.79	112	0.0493	55.79
128	1... PCB-156	4.05e5	1.24	NO	1.13	1.000	48.37	48.37	1.000	1.000	NO	55.46	111	0.0481	55.46
129	1... PCB-157	3.76e5	1.23	NO	1.04	1.000	48.67	48.65	1.001	1.000	NO	56.71	113	0.0564	56.71
130	1... PCB-169	4.16e5	1.24	NO	1.16	1.000	50.91	50.91	1.000	1.000	NO	55.69	111	0.0493	55.69
131	1... PCB-188	2.74e5	1.03	NO	1.29	1.000	43.01	43.01	1.001	1.001	NO	55.74	111	0.0585	55.74
132	1... PCB-184	2.59e5	1.05	NO	1.23	1.000	43.44	43.46	1.011	1.011	NO	55.24	110	0.0612	55.24
133	1... PCB-179	2.67e5	1.05	NO	1.30	1.000	44.26	44.26	1.030	1.030	NO	54.02	108	0.0581	54.02
134	1... PCB-176	2.77e5	1.05	NO	1.31	1.000	44.72	44.75	1.041	1.041	NO	55.53	111	0.0576	55.53
135	1... PCB-186	2.91e5	1.04	NO	1.33	1.000	45.35	45.37	1.055	1.056	NO	57.33	115	0.0567	57.33
136	1... PCB-178	2.01e5	1.03	NO	0.943	1.000	45.87	45.88	1.067	1.068	NO	55.96	112	0.0799	55.96
137	1... PCB-175	2.08e5	1.04	NO	0.956	1.000	46.22	46.24	1.076	1.076	NO	57.03	114	0.0788	57.03
138	1... PCB-182/187	4.59e5	1.06	NO	1.07	1.000	46.40	46.42	1.080	1.080	NO	112.8	113	0.0707	112.8
139	1... PCB-183	2.25e5	1.04	NO	1.02	1.000	46.74	46.74	1.088	1.088	NO	57.79	116	0.0737	57.79
140	1... PCB-185	2.07e5	1.07	NO	1.41	1.000	47.42	47.42	0.955	0.955	NO	53.67	107	0.0742	53.67

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Last Altered: Tuesday, June 16, 2020 08:12:12 Pacific Daylight Time

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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 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	2.05e5	1.05	NO	1.35	1.000	47.81	47.80	0.962	0.962	NO	55.30	111	0.0770	55.30
142	1... PCB-181	2.10e5	1.07	NO	1.47	1.000	47.90	47.89	0.964	0.964	NO	51.98	104	0.0707	51.98
143	1... PCB-177	1.90e5	1.03	NO	1.28	1.000	48.06	48.08	0.968	0.968	NO	54.19	108	0.0816	54.19
144	1... PCB-171	1.88e5	1.06	NO	1.32	1.000	48.36	48.39	0.974	0.974	NO	51.99	104	0.0792	51.99
145	1... PCB-173	1.77e5	1.04	NO	1.19	1.000	48.80	48.82	0.983	0.983	NO	54.19	108	0.0876	54.19
146	1... PCB-172	2.06e5	1.03	NO	1.38	1.000	49.28	49.28	0.992	0.992	NO	54.67	109	0.0758	54.67
147	1... PCB-192	2.73e5	1.04	NO	1.83	1.000	49.47	49.48	0.996	0.996	NO	54.49	109	0.0571	54.49
148	1... PCB-180	2.19e5	1.06	NO	1.41	1.000	49.69	49.69	1.000	1.000	NO	56.52	113	0.0739	56.52
149	1... PCB-193	2.51e5	1.06	NO	1.68	1.000	49.90	49.90	1.005	1.005	NO	54.59	109	0.0622	54.59
150	1... PCB-191	2.57e5	1.05	NO	1.71	1.000	50.17	50.17	1.010	1.010	NO	54.85	110	0.0610	54.85
151	1... PCB-170	1.84e5	1.05	NO	1.40	1.000	51.36	51.36	1.000	1.000	NO	56.44	113	0.0886	56.44
152	1... PCB-190	2.51e5	1.08	NO	1.85	1.000	51.55	51.57	1.004	1.004	NO	58.25	117	0.0670	58.25
153	1... PCB-189	2.59e5	1.07	NO	1.45	1.000	53.09	53.08	1.000	1.000	NO	57.63	115	0.0558	57.63
154	1... PCB-202	1.41e5	0.88	NO	1.17	1.000	48.61	48.59	1.001	1.000	NO	56.13	112	0.0413	56.13
155	1... PCB-201	1.33e5	0.93	NO	1.05	1.000	49.10	49.09	1.011	1.011	NO	58.71	117	0.0458	58.71
156	1... PCB-204	1.44e5	0.92	NO	1.14	1.000	49.25	49.24	1.014	1.014	NO	58.78	118	0.0423	58.78
157	1... PCB-197	1.45e5	0.93	NO	1.13	1.000	49.57	49.56	1.020	1.020	NO	59.68	119	0.0426	59.68
158	1... PCB-200	1.38e5	0.91	NO	1.07	1.000	50.50	50.49	1.040	1.039	NO	60.17	120	0.0451	60.17
159	1... PCB-198	1.07e5	0.92	NO	0.794	1.000	52.08	52.06	1.072	1.072	NO	62.74	125	0.0608	62.74
160	1... PCB-199	1.05e5	0.89	NO	0.809	1.000	52.18	52.17	1.074	1.074	NO	60.14	120	0.0596	60.14
161	1... PCB-196/203	2.23e5	0.92	NO	0.838	1.000	52.50	52.48	1.081	1.080	NO	123.7	124	0.0576	123.7
162	1... PCB-195	3.14e5	0.88	NO	1.04	1.000	53.78	53.78	0.984	0.983	NO	52.28	105	0.0527	52.28
163	1... PCB-194	3.48e5	0.92	NO	1.12	1.000	54.70	54.70	1.000	1.000	NO	54.27	109	0.0493	54.27
164	1... PCB-205	4.30e5	0.91	NO	1.29	1.000	54.97	54.96	1.005	1.005	NO	58.08	116	0.0427	58.08
165	1... PCB-208	3.10e5	1.36	NO	0.933	1.000	53.94	53.94	1.000	1.000	NO	55.18	110	0.0677	55.18
166	1... PCB-207	3.10e5	1.38	NO	0.916	1.000	54.26	54.26	1.006	1.006	NO	56.12	112	0.0689	56.12
167	1... PCB-206	2.35e5	1.35	NO	1.01	1.000	56.24	56.22	1.000	1.000	NO	54.17	108	0.0845	54.17
168	1... PCB-209	1.91e5	1.24	NO	0.986	1.000	57.45	57.47	1.000	1.000	NO	55.58	111	0.0260	55.58
169	1... 13C-PCB-1	1.12e6	3.37	NO	0.893	1.000	15.51	15.52	0.608	0.608	NO	73.45	73.4	0.0701	73.4
170	1... 13C-PCB-3	1.18e6	3.24	NO	0.911	1.000	18.16	18.16	0.712	0.712	NO	75.49	75.5	0.0688	75.5
171	1... 13C-PCB-4	1.04e6	1.64	NO	0.600	1.000	19.51	19.51	0.765	0.765	NO	101.2	101	0.0504	101.2
172	1... 13C-PCB-9	1.66e6	1.64	NO	0.970	1.000	21.34	21.34	0.836	0.836	NO	100.1	100	0.0312	100.1
173	1... 13C-PCB-11	1.64e6	1.62	NO	0.962	1.000	24.78	24.78	0.971	0.971	NO	99.58	99.6	0.0314	99.58
174	1... 13C-PCB-19	5.74e5	1.06	NO	0.499	1.000	23.75	23.74	0.931	0.930	NO	67.28	67.3	0.335	67.28
175	1... 13C-PCB-32	8.24e5	1.06	NO	0.744	1.000	26.74	26.74	1.048	1.048	NO	64.75	64.7	0.225	64.75
176	1... 13C-PCB-28	1.52e6	1.07	NO	1.06	1.000	28.75	28.75	1.004	1.004	NO	99.90	99.9	0.241	99.90

Handwritten notes: 75/125, 90/145



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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	FA	n/y	RRF	wt/Vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.38e6	1.08	NO	0.989	1.000	32.73	32.75	1.143	1.144	NO	97.46	97.54	0.259	
178	1... 13C-PCB-54	8.29e5	0.80	NO	0.999	1.000	27.62	27.60	0.753	0.752	NO	102.4	102	0.0905	
179	1... 13C-PCB-52	6.61e5	0.80	NO	0.804	1.000	31.26	31.25	0.852	0.852	NO	101.5	101	0.112	
180	1... 13C-PCB-47	7.01e5	0.80	NO	0.857	1.000	31.78	31.77	0.866	0.866	NO	100.9	101	0.105	
181	1... 13C-PCB-70	7.89e5	0.81	NO	0.996	1.000	35.41	35.40	0.965	0.965	NO	97.80	97.8	0.0908	
182	1... 13C-PCB-80	8.05e5	0.80	NO	1.03	1.000	35.84	35.82	0.977	0.977	NO	96.65	96.6	0.0879	
183	1... 13C-PCB-81	7.95e5	0.79	NO	0.988	1.000	39.04	39.02	1.064	1.064	NO	99.27	99.3	0.0915	
184	1... 13C-PCB-77	7.74e5	0.81	NO	0.969	1.000	39.66	39.64	1.081	1.081	NO	98.66	98.7	0.0933	
185	1... 13C-PCB-104	3.87e5	1.68	NO	1.02	1.000	32.44	32.44	0.827	0.827	NO	101.2	101	0.0499	
186	1... 13C-PCB-95	3.03e5	1.61	NO	0.805	1.000	35.69	35.71	0.910	0.910	NO	99.97	100	0.0630	
187	1... 13C-PCB-101	3.00e5	1.63	NO	0.793	1.000	37.44	37.44	0.954	0.954	NO	100.7	101	0.0640	
188	1... 13C-PCB-97	2.60e5	1.74	NO	0.696	1.000	38.78	38.78	0.989	0.989	NO	99.21	99.2	0.0729	
189	1... 13C-PCB-123	3.50e5	1.70	NO	0.933	1.000	41.42	41.44	1.056	1.056	NO	99.63	99.6	0.0544	
190	1... 13C-PCB-118	3.65e5	1.63	NO	0.986	1.000	41.61	41.63	1.061	1.061	NO	98.22	98.2	0.0515	
191	1... 13C-PCB-114	9.09e5	1.67	NO	1.55	1.000	42.29	42.30	0.908	0.908	NO	127.1	127	0.0723	
192	1... 13C-PCB-105	9.07e5	1.63	NO	1.57	1.000	43.17	43.19	0.927	0.927	NO	124.7	125	0.0711	
193	1... 13C-PCB-127	9.53e5	1.57	NO	1.62	1.000	43.53	43.54	0.934	0.935	NO	126.8	127	0.0688	
194	1... 13C-PCB-126	8.96e5	1.63	NO	1.57	1.000	45.49	45.51	0.976	0.977	NO	123.6	124	0.0713	
195	1... 13C-PCB-155	1.77e5	1.33	NO	0.615	1.000	36.96	36.98	0.942	0.943	NO	76.29	76.3	0.0233	
196	1... 13C-PCB-153	6.15e5	1.27	NO	1.36	1.000	43.34	43.37	0.930	0.931	NO	97.39	97.4	0.0645	
197	1... 13C-PCB-141	5.10e5	1.29	NO	1.13	1.000	44.11	44.12	0.947	0.947	NO	97.73	97.7	0.0781	
198	1... 13C-PCB-138	5.35e5	1.30	NO	1.18	1.000	44.97	44.99	0.965	0.966	NO	97.71	97.7	0.0743	
199	1... 13C-PCB-159	6.53e5	1.29	NO	1.44	1.000	46.30	46.32	0.994	0.994	NO	98.16	98.2	0.0612	
200	2... 13C-PCB-167	6.67e5	1.28	NO	1.44	1.000	47.01	47.02	1.009	1.009	NO	100.2	100	0.0612	
201	2... 13C-PCB-156	6.49e5	1.27	NO	1.40	1.000	48.32	48.35	1.037	1.038	NO	100.4	100	0.0631	
202	2... 13C-PCB-157	6.38e5	1.28	NO	1.40	1.000	48.61	48.63	1.043	1.044	NO	98.80	98.8	0.0631	
203	2... 13C-PCB-169	6.45e5	1.27	NO	1.33	1.000	50.89	50.89	1.092	1.092	NO	104.8	105	0.0662	
204	2... 13C-PCB-188	3.81e5	0.46	NO	1.41	1.000	42.98	42.97	0.926	0.926	NO	99.79	99.8	0.0687	
205	2... 13C-PCB-180	2.74e5	0.45	NO	0.929	1.000	49.67	49.67	1.070	1.070	NO	108.8	109	0.104	
206	2... 13C-PCB-170	2.33e5	0.46	NO	0.794	1.000	51.34	51.34	1.106	1.106	NO	108.0	108	0.122	
207	2... 13C-PCB-189	3.10e5	0.44	NO	1.04	1.000	53.09	53.07	1.144	1.143	NO	109.4	109	0.0926	
208	2... 13C-PCB-202	2.15e5	0.93	NO	1.04	1.000	48.57	48.58	1.046	1.047	NO	76.47	76.5	0.0627	
209	2... 13C-PCB-194	5.75e5	0.92	NO	0.768	1.000	54.71	54.69	0.995	0.995	NO	92.76	92.8	0.105	
210	2... 13C-PCB-208	6.02e5	0.79	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	75.30	75.3	0.0685	
211	2... 13C-PCB-206	4.31e5	0.78	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	96.65	96.7	0.123	
212	2... 13C-PCB-209	3.49e5	1.17	NO	0.396	1.000	57.48	57.45	1.046	1.045	NO	109.2	109	0.0318	

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Dataset: U:\VG11.PRO\Results\200615K2\200615K2-2.qld

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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	u/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.71e6	1.61	NO	1.00	1.000	25.51	25.52	1.000	0.000	NO	100.0	100	0.0302	
214	2... 13C-PCB-31	1.43e6	1.04	NO	1.00	1.000	28.64	28.64	1.000	0.000	NO	100.0	100	0.256	
215	2... 13C-PCB-60	8.10e5	0.81	NO	1.00	1.000	36.66	36.68	1.000	0.000	NO	100.0	100	0.0904	
216	2... 13C-PCB-111	3.77e5	1.62	NO	1.00	1.000	39.23	39.23	1.000	0.000	NO	100.0	100	0.0507	
217	2... 13C-PCB-128	4.63e5	1.26	NO	1.00	1.000	46.59	46.59	1.000	0.000	NO	100.0	100	0.0881	
218	2... 13C-PCB-182	2.71e5	0.45	NO	1.00	1.000	46.40	46.42	0.000	0.000	NO	100.0	100	0.0968	
219	2... 13C-PCB-205	8.07e5	0.93	NO	1.00	1.000	54.97	54.96	1.000	0.000	NO	100.0	100	0.0809	
220	2... 13C-PCB-79	8.71e5	0.81	NO	1.07	1.000	37.78	37.76	1.030	1.029	NO	100.6	101	0.0846	75-125A
221	2... 13C-PCB-178	2.71e5	0.46	NO	0.766	1.000	45.86	45.85	0.988	0.988	NO	76.58	76.6	0.0738	
222	2... 13C-PCB-79	8.71e5	0.81	NO	1.08	1.000	37.76	37.76	0.968	0.968	NO	101.4	101	0.0843	
223	2... 13C-PCB-178	2.71e5	0.46	NO	1.05	1.000	45.85	45.85	0.923	0.923	NO	94.28	94.3	0.0896	

Dataset: Untitled

Last Altered: Tuesday, June 16, 2020 12:30:21 Pacific Daylight Time

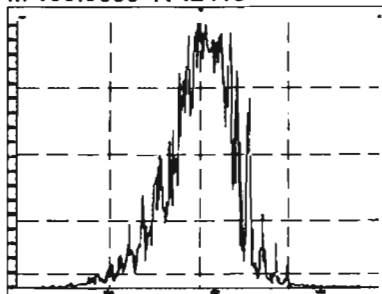
Printed: Tuesday, June 16, 2020 12:30:32 Pacific Daylight Time

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

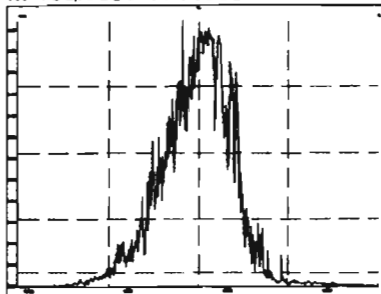
Compound name: PCB-1

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1	200615K2_1	SOLVENT BLANK	16-Jun-20	00:13:07
2	200615K2_2	ST200615K2-1 PCB 209 CS3 19G2609	16-Jun-20	01:14:00
3	200615K2_3	B0F0115-BS1 OPR 1	16-Jun-20	02:14:31
4	200615K2_4	B0F0118-BS1 OPR 1	16-Jun-20	03:13:42
5	200615K2_5	SOLVENT BLANK	16-Jun-20	04:14:12
6	200615K2_6	B0F0115-BLK1 Method Blank 1	16-Jun-20	05:14:44
7	200615K2_7	B0F0118-BLK1 Method Blank 1	16-Jun-20	06:16:58
8	200615K2_8	HRMS-200602-1	16-Jun-20	07:17:28
9	200615K2_9	HRMS-200602-2	16-Jun-20	08:16:40
10	200615K2_10	2000968-02RE1 PDI-163SC-A-00-01-200425 ...	16-Jun-20	09:17:11
11	200615K2_11	2000974-01RE1 PDI-146SC-A-00-01-200426 ...	16-Jun-20	10:17:43
12	200615K2_12	2000975-01RE1 PDI-156SC-A-00-01-200423 ...	16-Jun-20	11:18:15

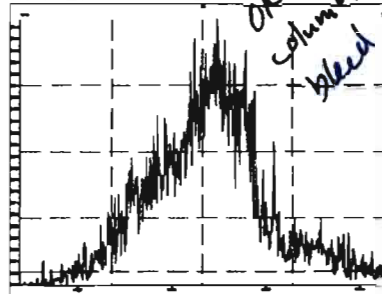
M 168.9888 R 12448



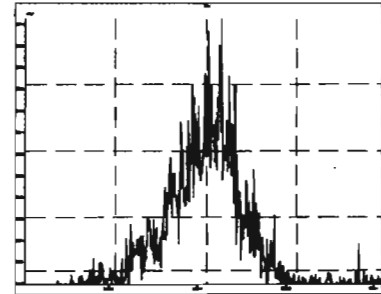
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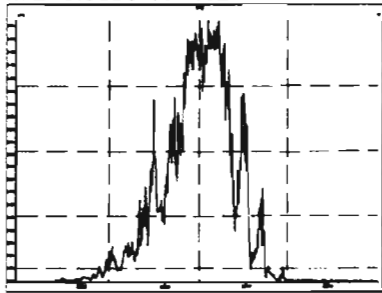
M 192.9888 R 7260



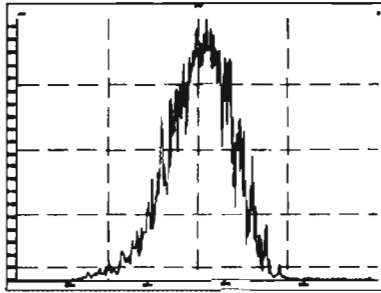
M 204.9888 R 15108



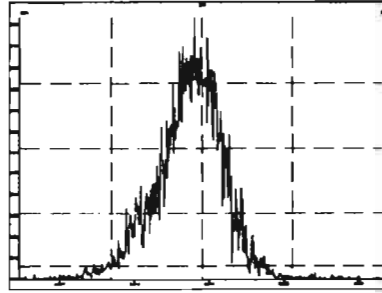
M 218.9856 R 11925



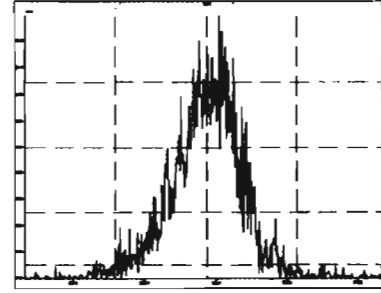
M 230.9856 R 12293



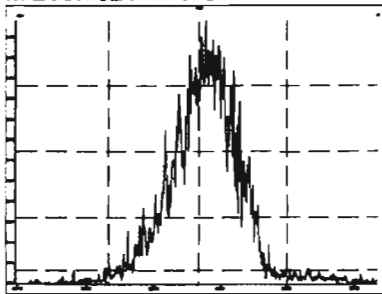
M 242.9856 R 13538



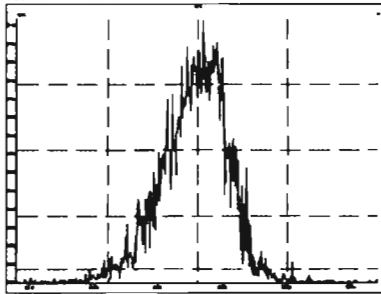
M 254.9856 R 14604



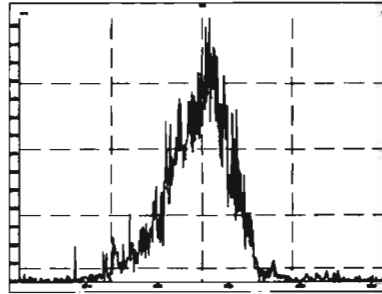
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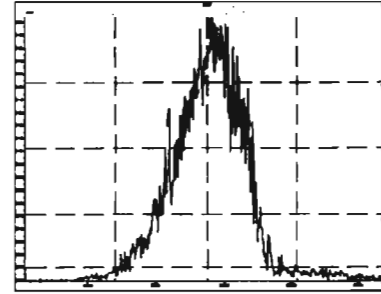
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M 254.9856 R 12836

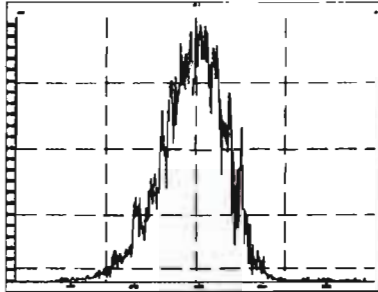


M 268.9824 R 13061

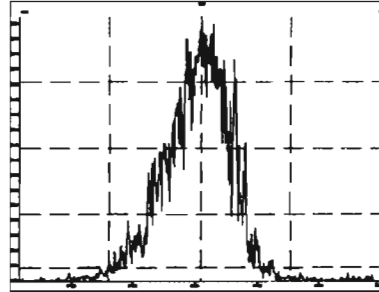


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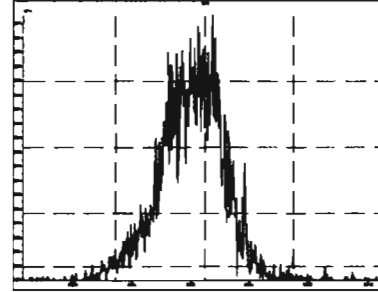
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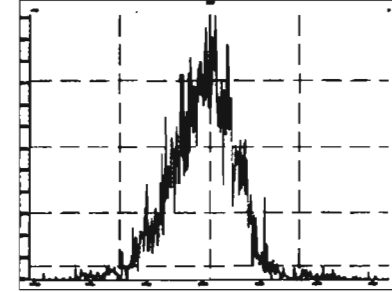
M 292.9824 R 13624



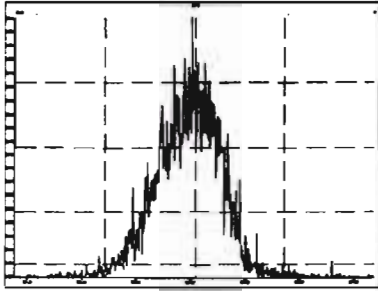
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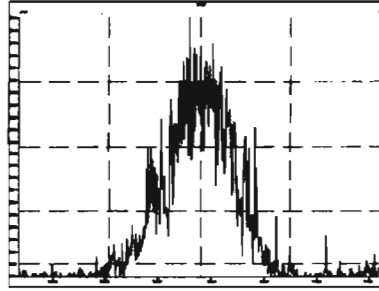
M 318.9792 R 15770



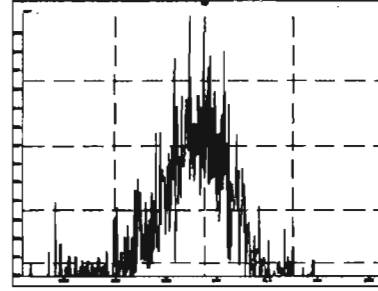
M 330.9792 R 14709



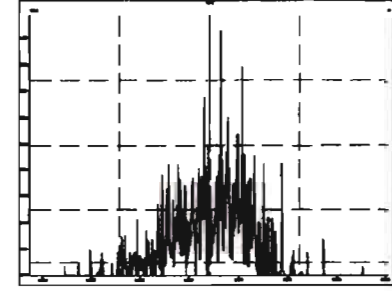
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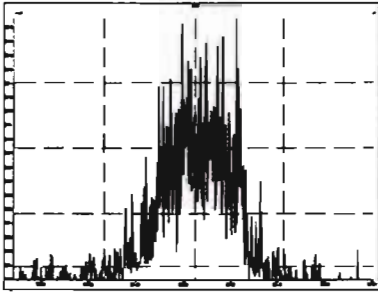
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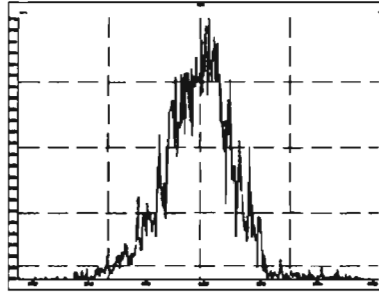
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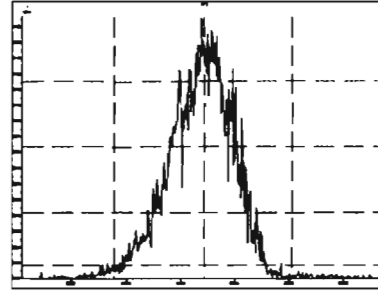
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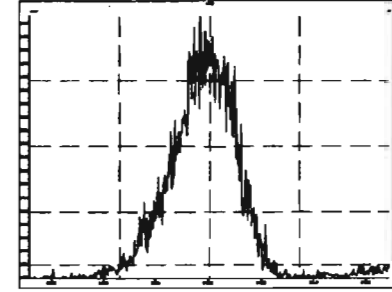
M 318.9792 R 12954



M 330.9792 R 12261

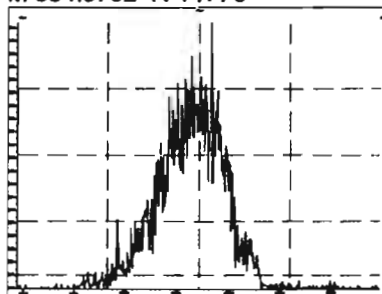


M 342.9792 R 13367

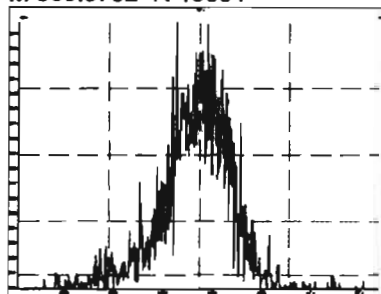


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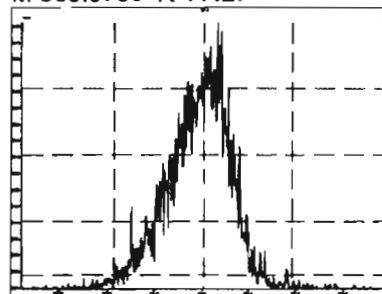
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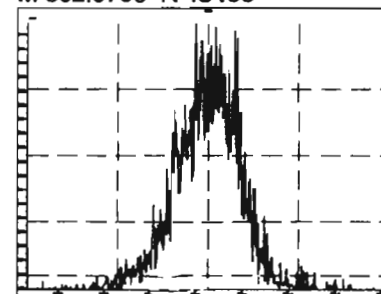
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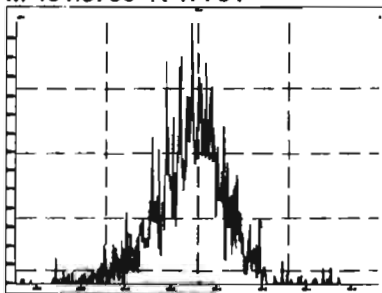
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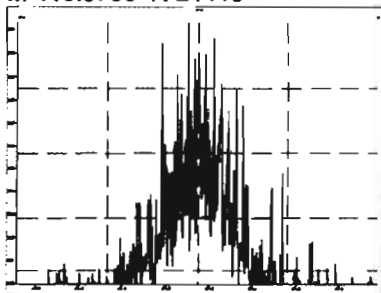
M 392.9760 R 15433



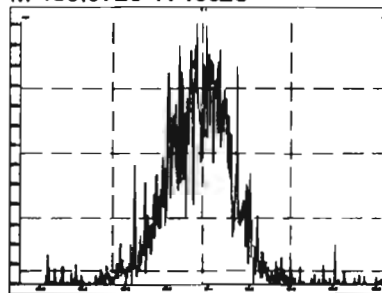
M 404.9760 R 17731



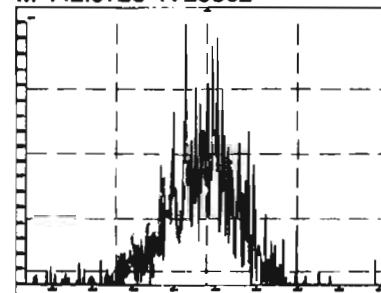
M 416.9760 R 21115



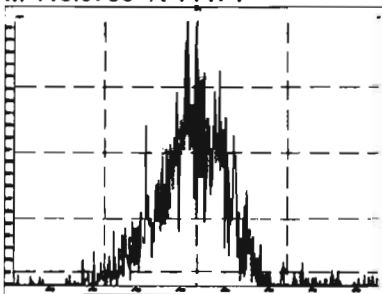
M 430.9728 R 16628



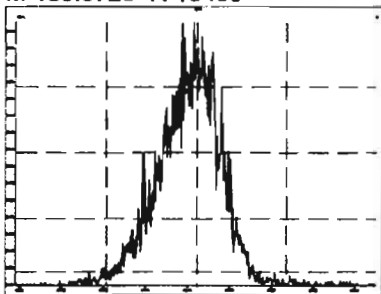
M 442.9728 R 20362



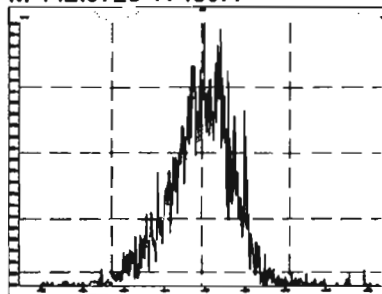
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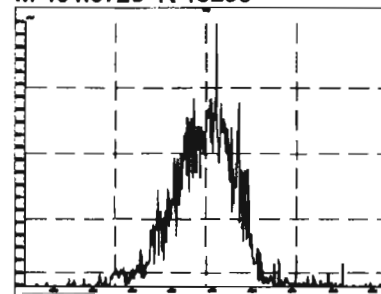
M 430.9728 R 13405



M 442.9728 R 15677

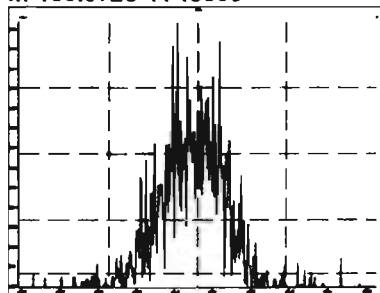


M 454.9728 R 16290

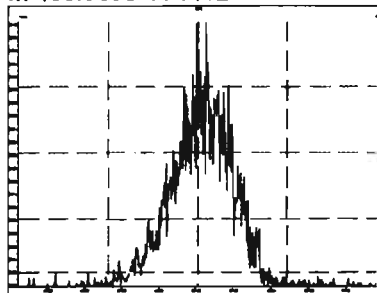


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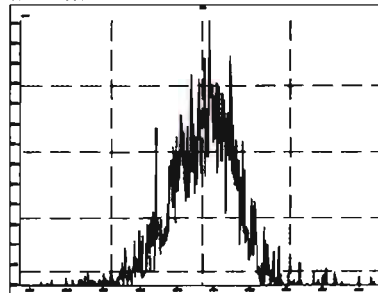
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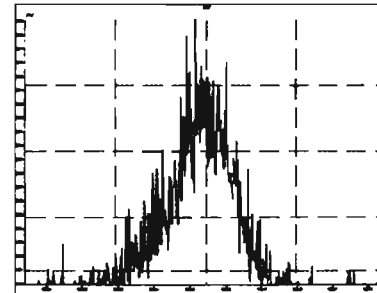
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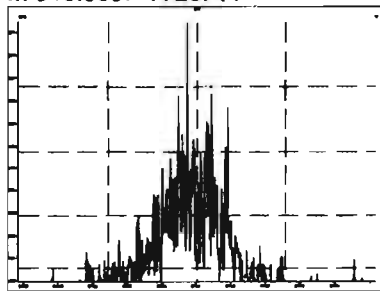
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M 504.9696 R 18251



M 516.9697 R 26711



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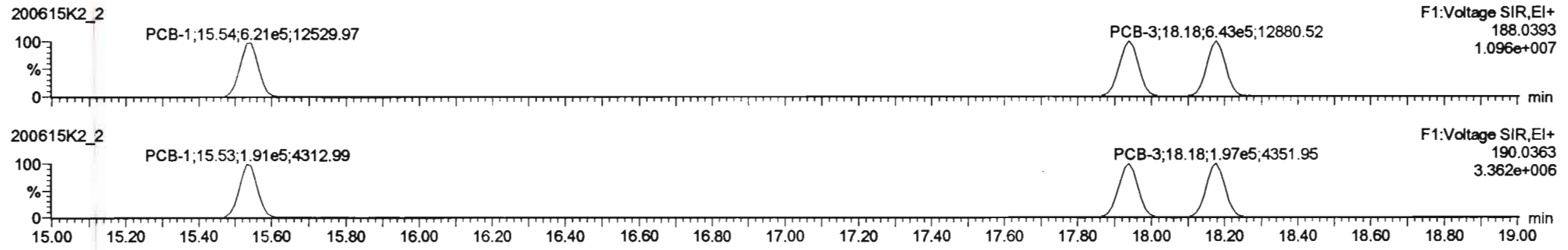
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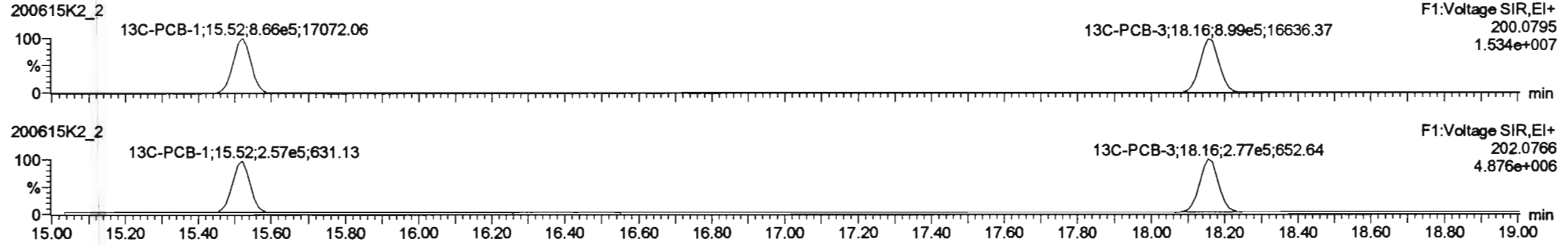
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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

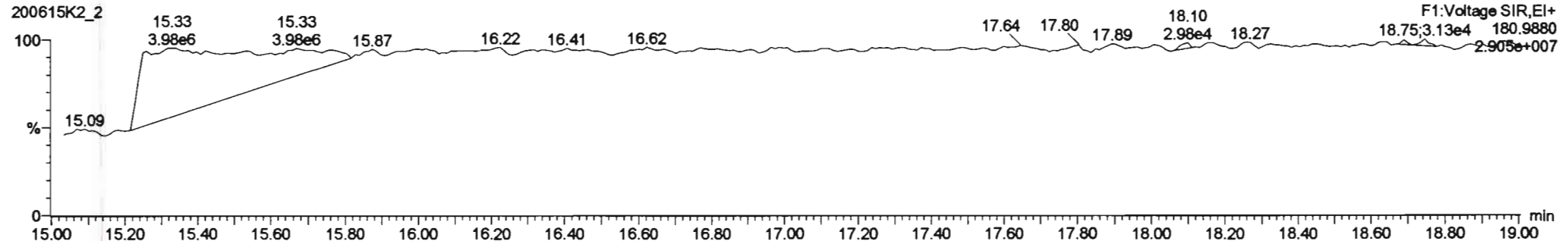
**PCB-1**



**13C-PCB-1**



**PFK1**



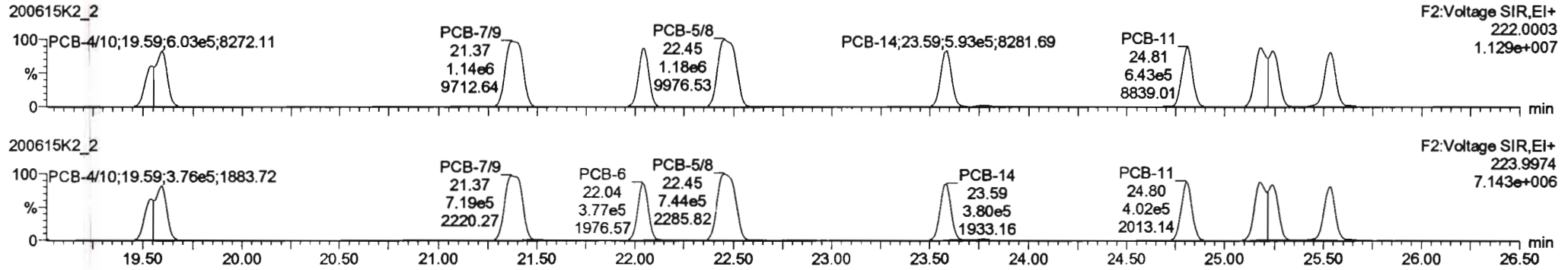


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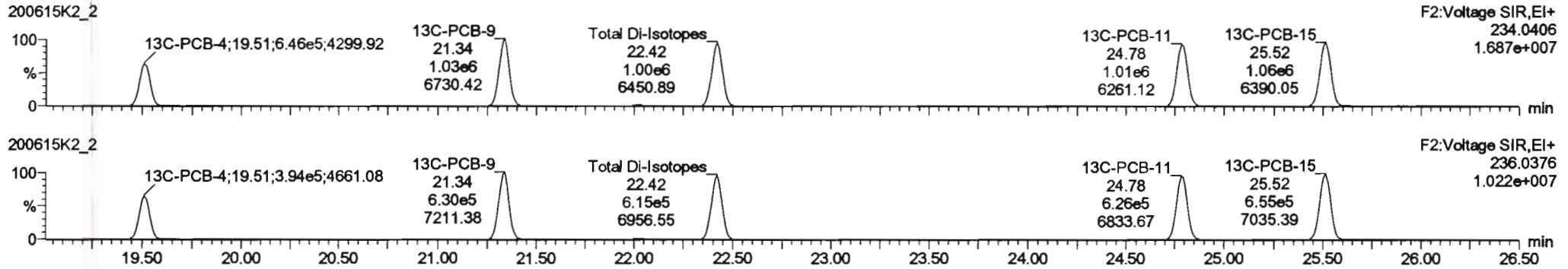
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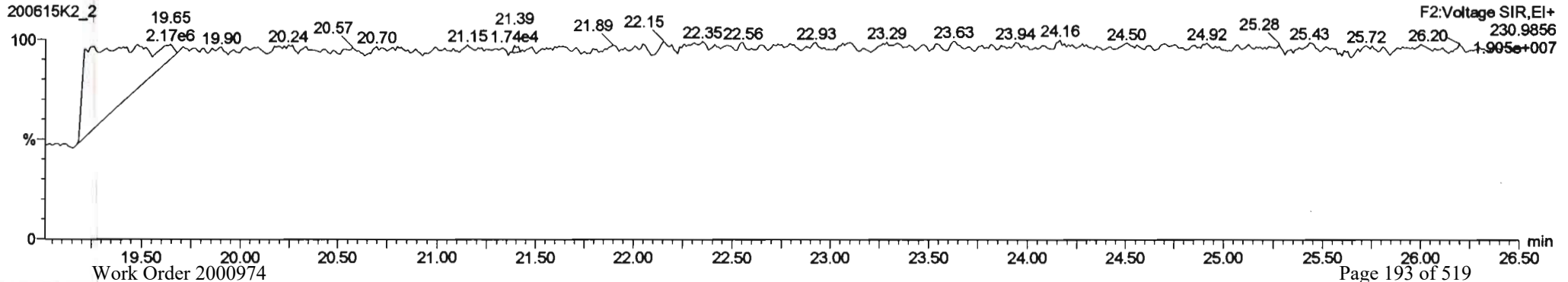
**PCB-4/10**



**13C-PCB-4**

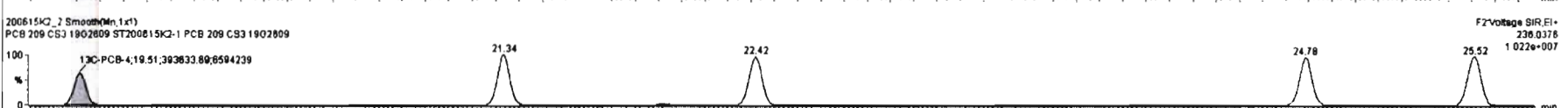
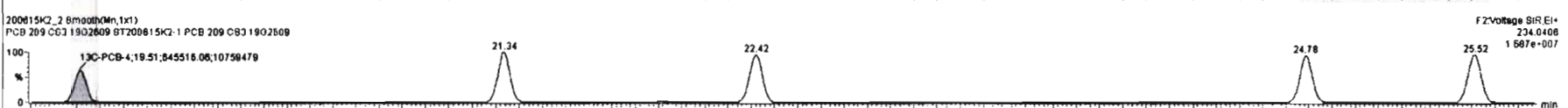
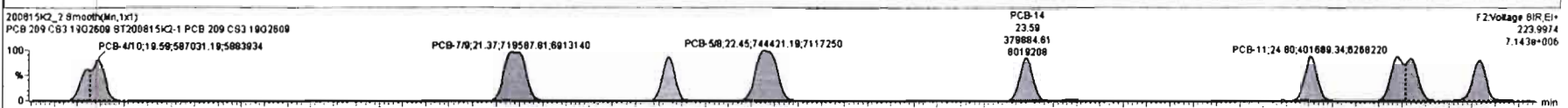
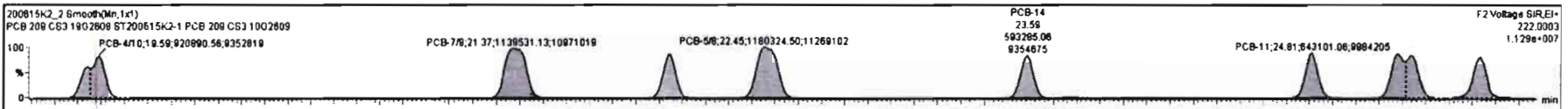


**PFK2a**



#	Name	Resp	RA	nly	RP	wtAol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-17b	2.71e5	0.46	NO	0.7895	1.000	45.86	45.85	0.998	0.998	NO	76.59	76.8	0.0736	
222	222 13C-PCB-7b	8.71e5	0.81	NO	1.0821	1.000	37.76	37.76	0.988	0.988	NO	101.4	101	0.0843	
223	223 13C-PCB-17b	2.71e5	0.46	NO	1.0508	1.000	45.85	45.85	0.923	0.923	NO	94.26	94.3	0.0696	
224	224 Total Micro-PCBs				1.1895	1.000	0.00		0.000		NO	165.2		0.0424	165.2
225	225 Total Di-PCBs				1.0597	1.000	0.00		0.000		NO	987.5		0.3811	987.5
226	226 2nd Function Tri-PCBs				1.0607	1.000	0.00		0.000		NO	478.4		0.141	478.4
227	227 3rd Function Tri-PCBs				0.9826	1.000	0.00		0.000		NO	912.8		0.433	912.8
228	228 Total Tetra-PCBs				1.0776	1.000	0.00		0.000		NO	2441		1.32	2441
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2383		1.10	2383

#	Name	Pred.RT	RT	wt Resp	wt Conc	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	4 PCB-470	19.59	19.59	9.206e5	5.870e5	1.590	1.57	NO	116.27	116.27
2	5 PCB-7/9	21.40	21.37	1.140e5	7.185e5	1.590	1.58	NO	116.58	116.58
3	6 PCB-8	22.05	22.05	5.873e5	3.775e5	1.590	1.58	NO	57.371	57.371
4	7 PCB-5/8	22.45	22.45	1.180e5	7.444e5	1.590	1.58	NO	118.83	118.83
5	8 PCB-14	23.58	23.58	5.833e5	3.798e5	1.590	1.56	NO	58.408	58.408
6	9 PCB-11	24.80	24.81	6.431e5	4.017e5	1.590	1.80	NO	58.833	58.833
7	10 PCB-12/13	25.23	25.18	1.208e5	7.658e5	1.590	1.57	NO	117.23	117.23
8	11 PCB-15	25.54	25.54	6.042e5	3.817e5	1.590	1.58	NO	58.174	58.174



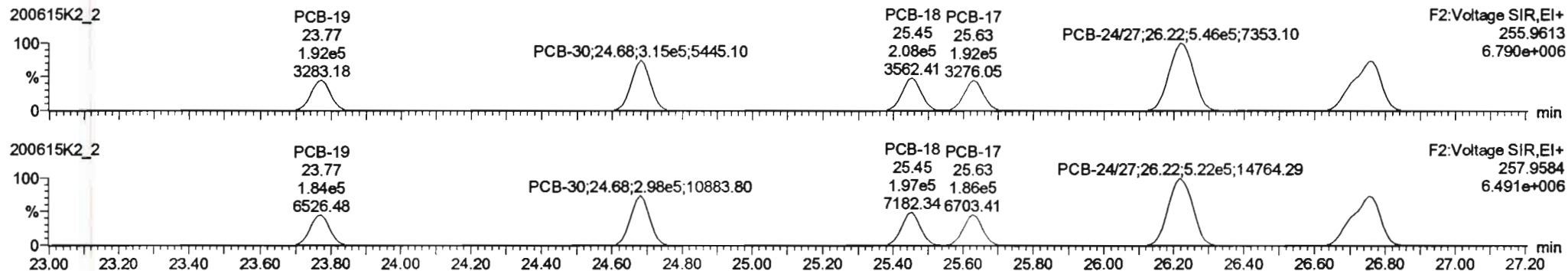
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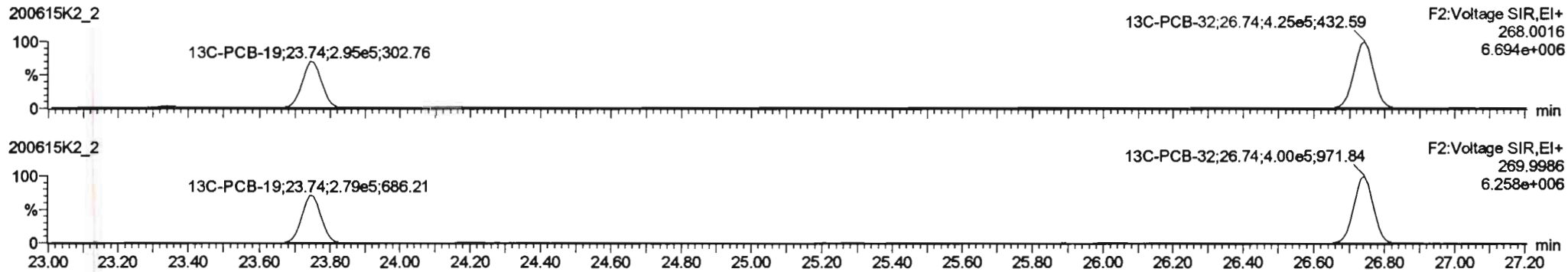
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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

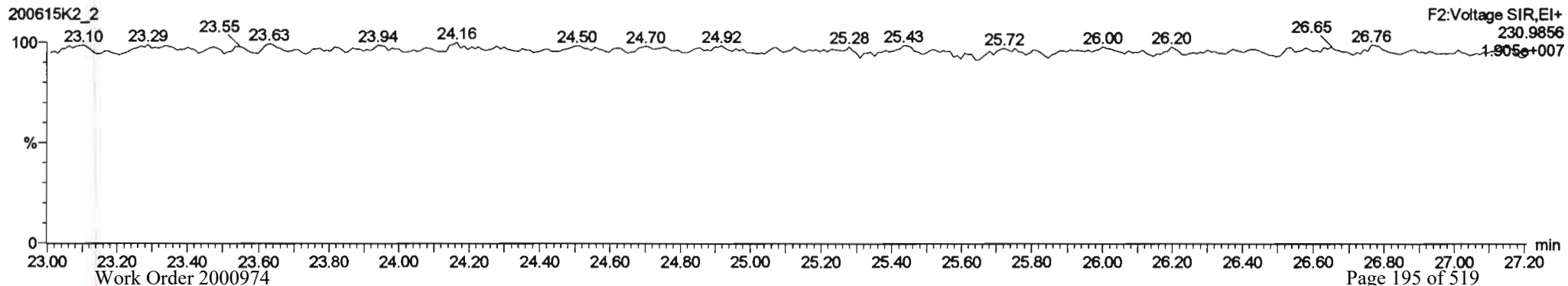
**PCB-19**



**13C-PCB-19**



**PFK2b**

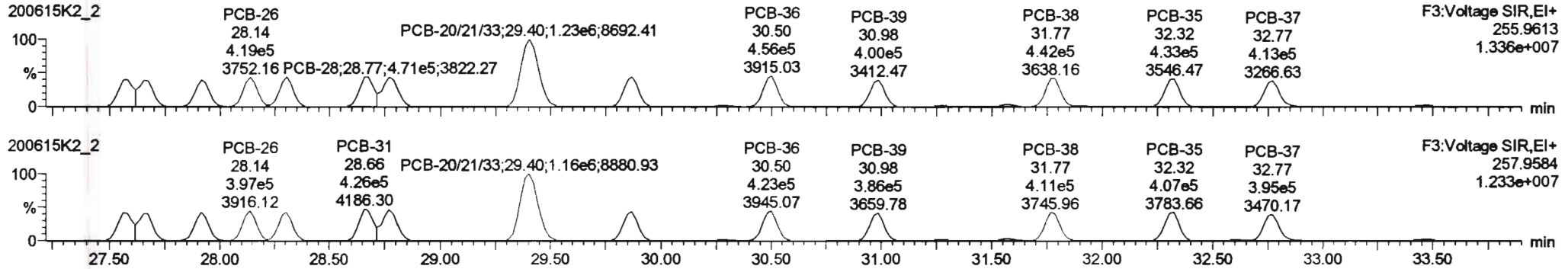


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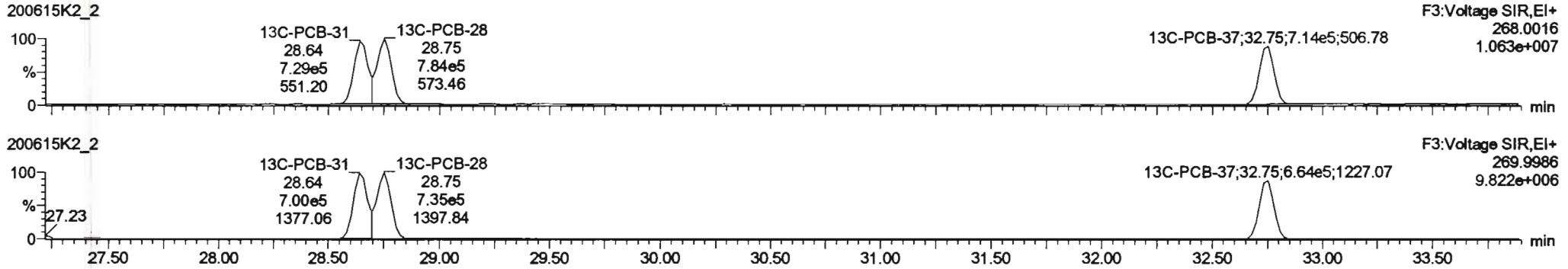
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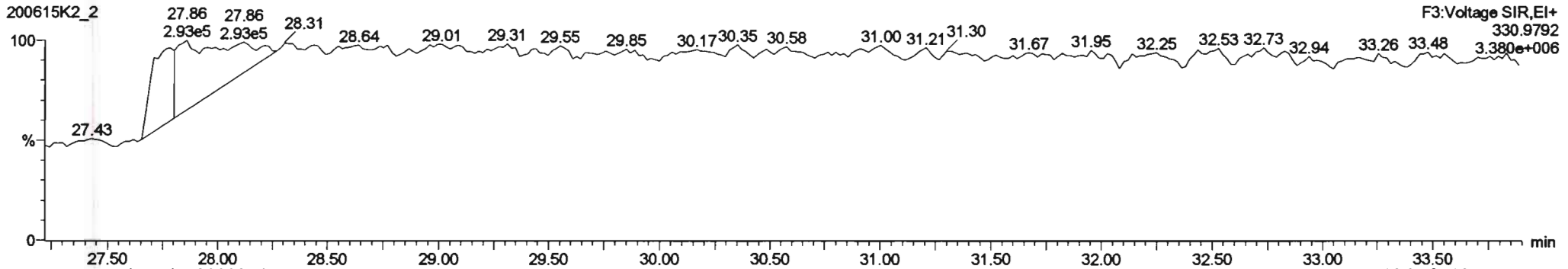
**PCB-34**



**13C-PCB-28**



**PFK3d**

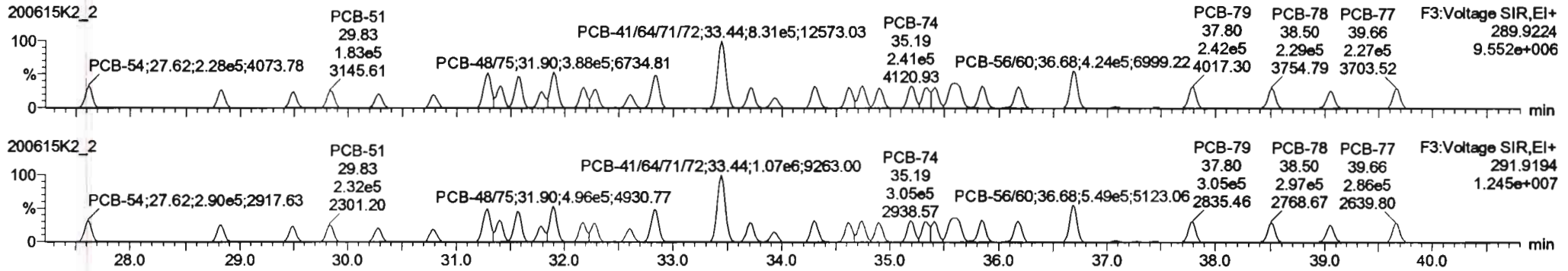


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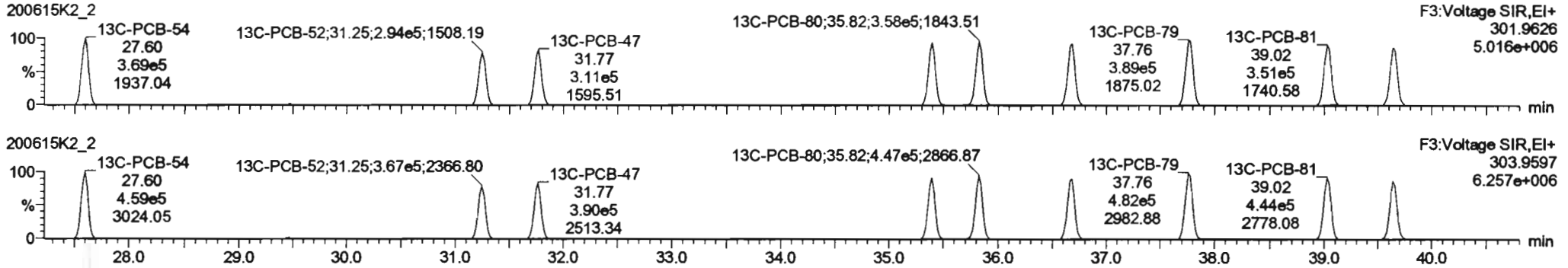
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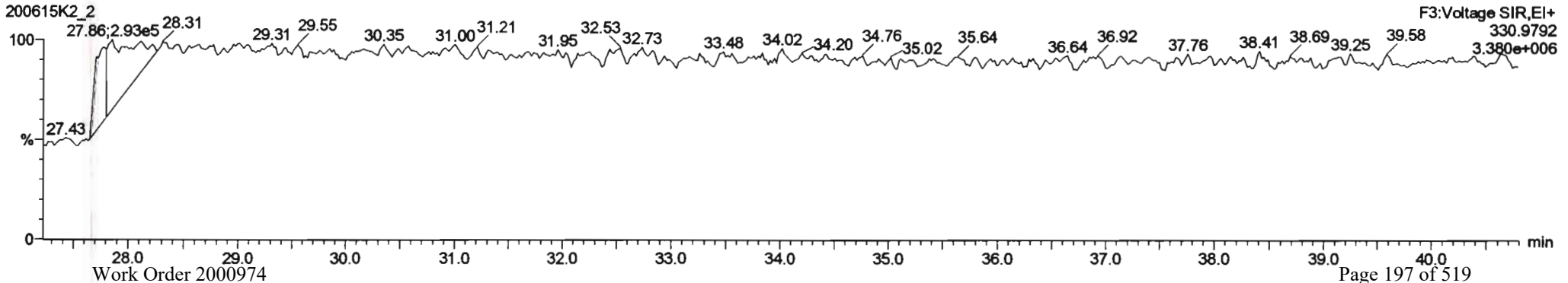
**PCB-54**



**13C-PCB-54**



**PFK3a**



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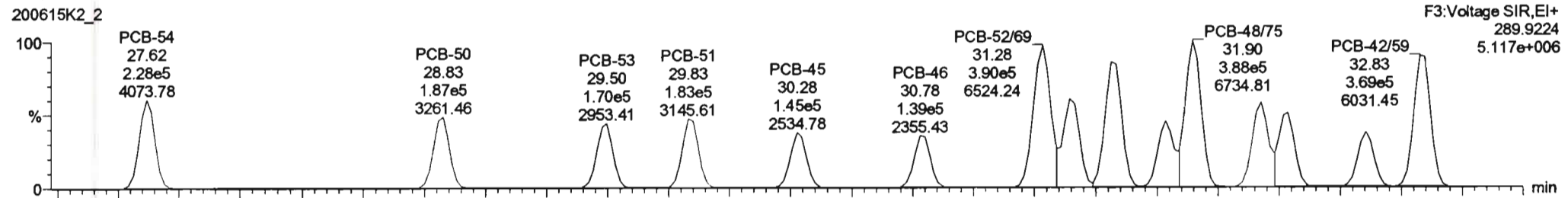
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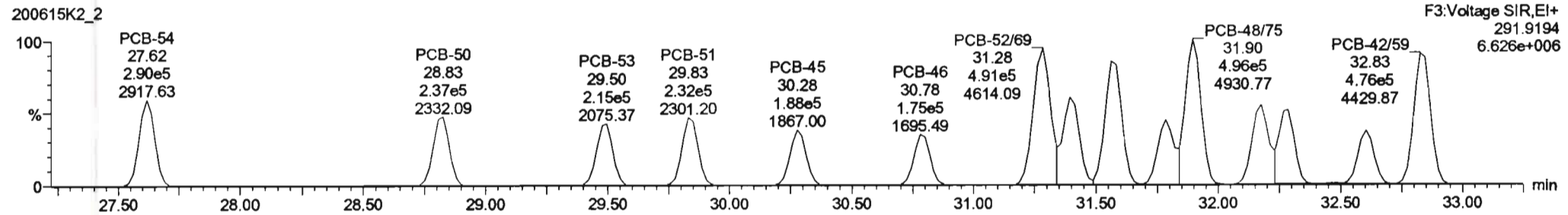
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**PCB-50**

200615K2\_2

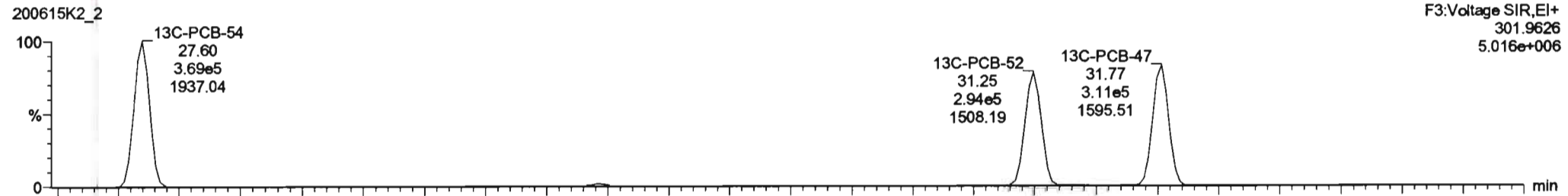


200615K2\_2

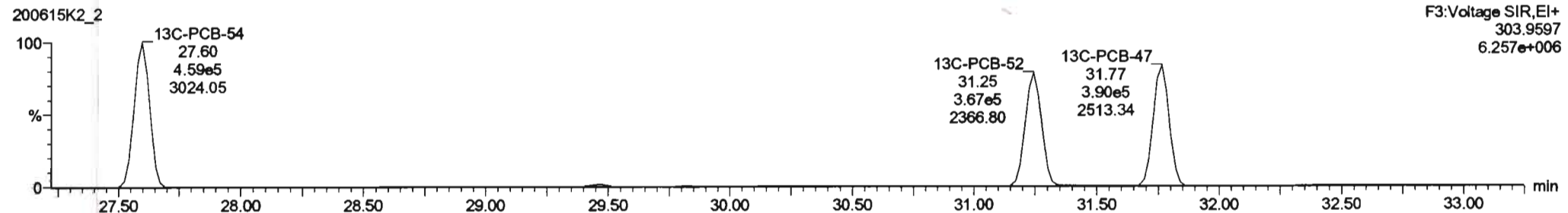


**13C-PCB-52**

200615K2\_2

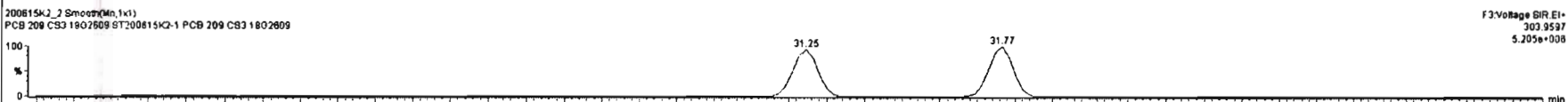
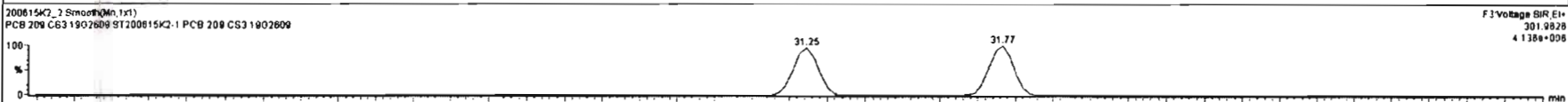
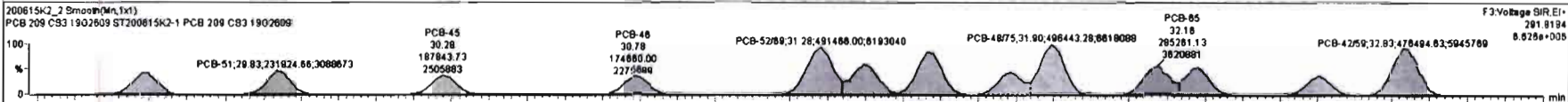
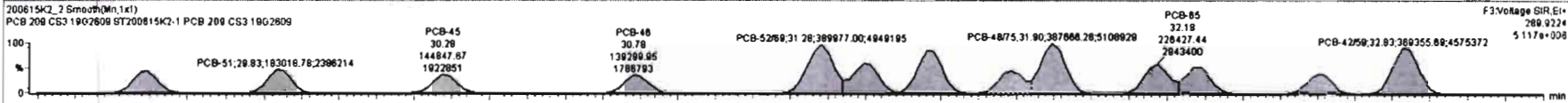


200615K2\_2



#	Name	Resp	RA	n/y	R/R	w/w	Pred.RT	RT	Pred.R.	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
221	13C-PCB-178	2.71e5	0.46	NO	0.7655	1.000	45.85	45.85	0.986	0.986	NO	76.58	76.6	0.0736	
222	13C-PCB-79	8.71e5	0.81	NO	1.0821	1.000	37.76	37.76	0.958	0.958	NO	101.4	101	0.0843	
223	13C-PCB-178	2.71e5	0.46	NO	1.0508	1.000	45.85	45.85	0.823	0.823	NO	94.28	94.3	0.0696	
224	224 Total Mono-PCBs				1.1655	1.000	0.00		0.000		NO	186.2		0.0424	186.2
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	887.5		0.261	887.5
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	478.4		0.141	478.4
227	227 3rd Function Tri-PCBs				0.8628	1.000	0.00		0.000		NO	912.8		0.433	912.8
228	228 Total Tetra-PCBs				1.8978	1.000	0.00		0.000		NO	2461		1.35	2461
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2383		1.10	2383

#	Name	Pred.RT	RT	int Resp	sq Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.82	27.82	2.284e5	2.809e5	0.770	0.78	NO	57.921	57.921
2	33 PCB-50	28.81	28.83	1.887e5	2.371e5	0.770	0.78	NO	58.146	58.146
3	34 PCB-53	29.50	29.50	1.886e5	2.149e5	0.770	0.78	NO	58.343	58.343
4	35 PCB-51	29.84	29.83	1.830e5	2.319e5	0.770	0.78	NO	58.913	58.913
5	36 PCB-45	30.29	30.28	1.448e5	1.878e5	0.770	0.77	NO	58.814	58.814
6	37 PCB-46	30.78	30.78	1.383e5	1.747e5	0.770	0.80	NO	57.181	57.181
7	38 PCB-52/88	31.28	31.28	3.900e5	4.915e5	0.770	0.78	NO	114.27	114.27
8	39 PCB-73	31.40	31.38	2.477e5	3.151e5	0.770	0.78	NO	58.978	58.978
9	40 PCB-43/48	31.57	31.58	3.451e5	4.407e5	0.770	0.78	NO	116.86	116.86



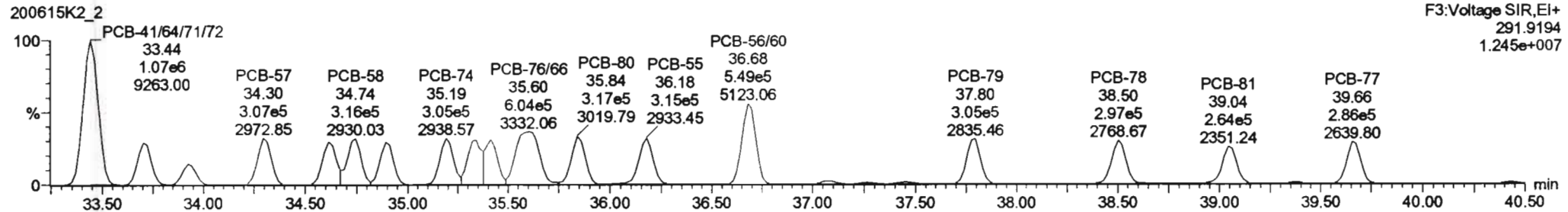
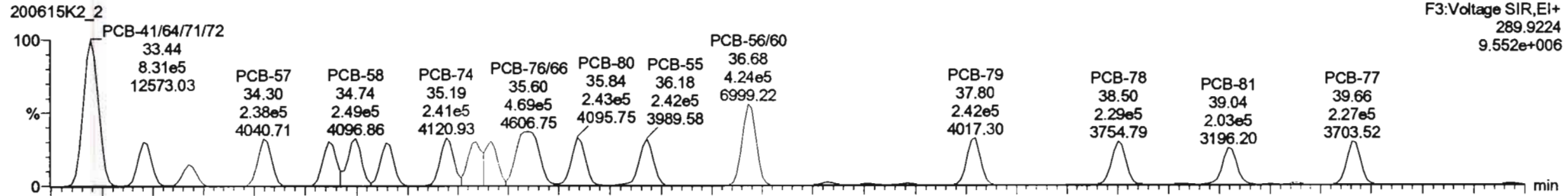
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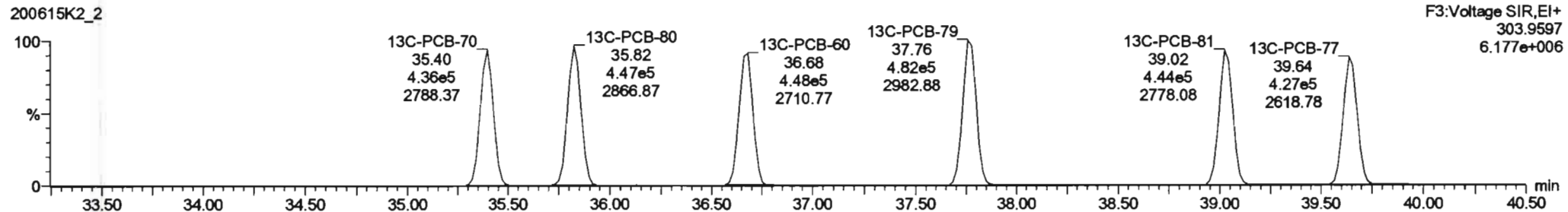
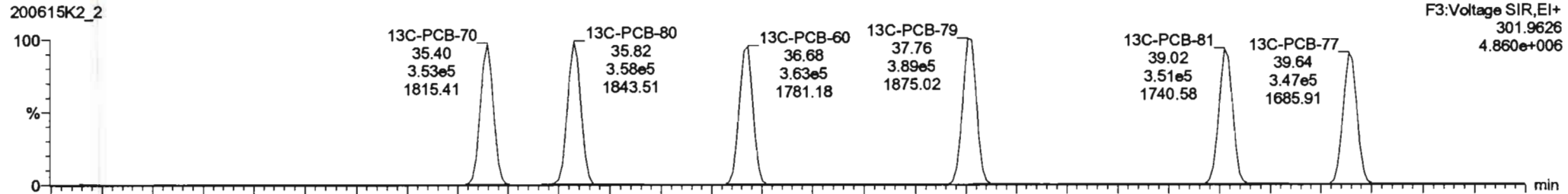
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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

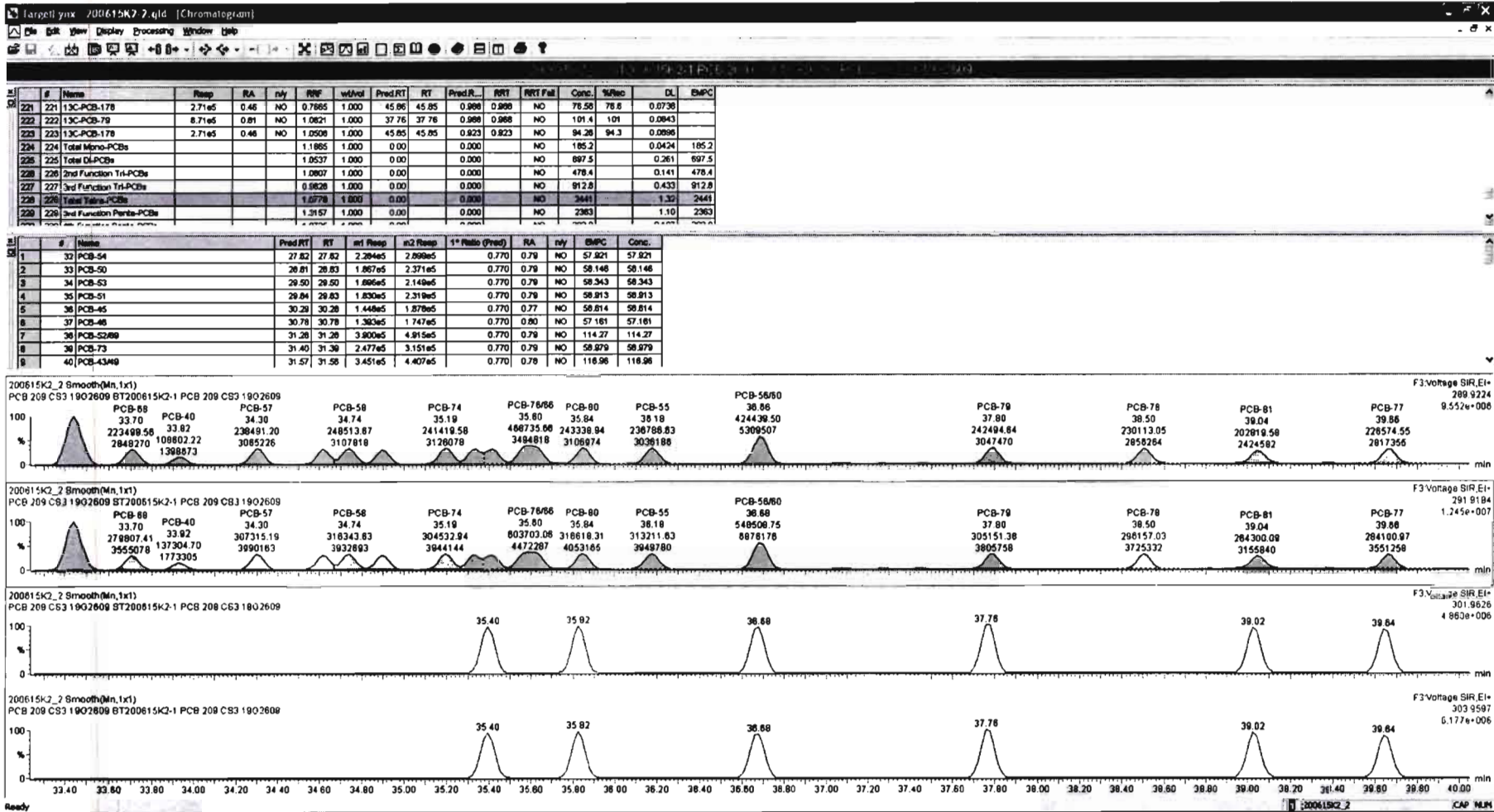
**PCB-68**



**13C-PCB-60**







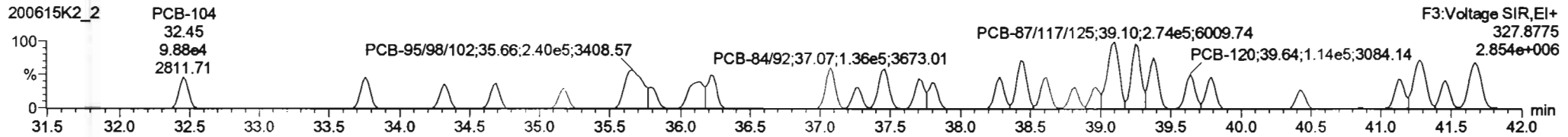
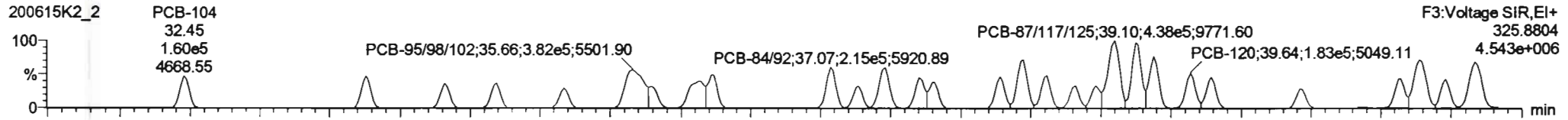
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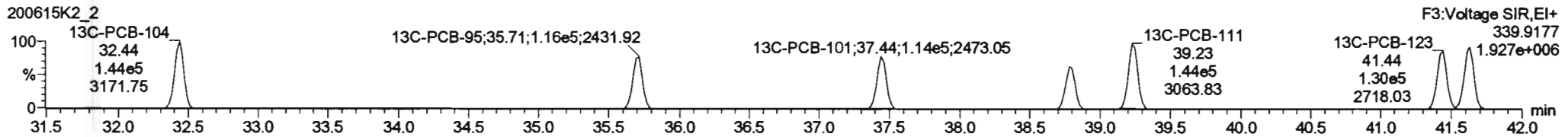
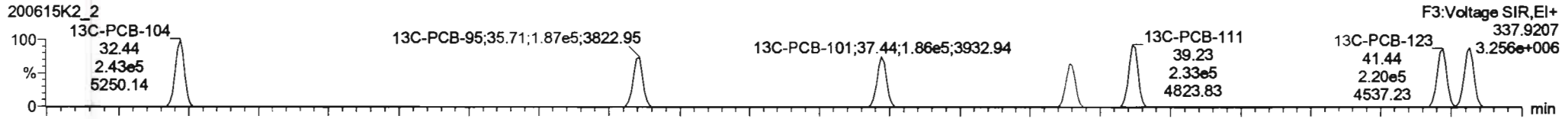
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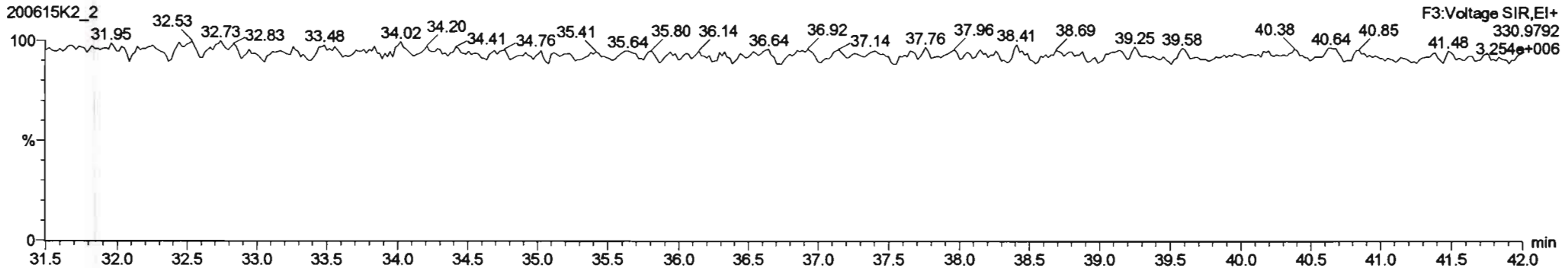
**PCB-104**



**13C-PCB-104**



**PFK3b**



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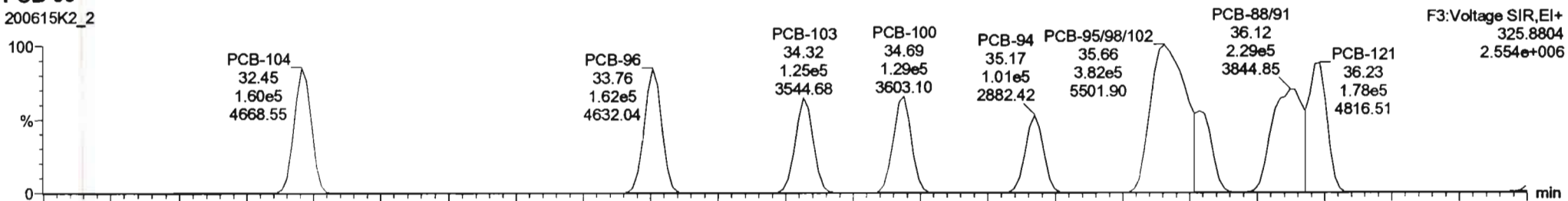
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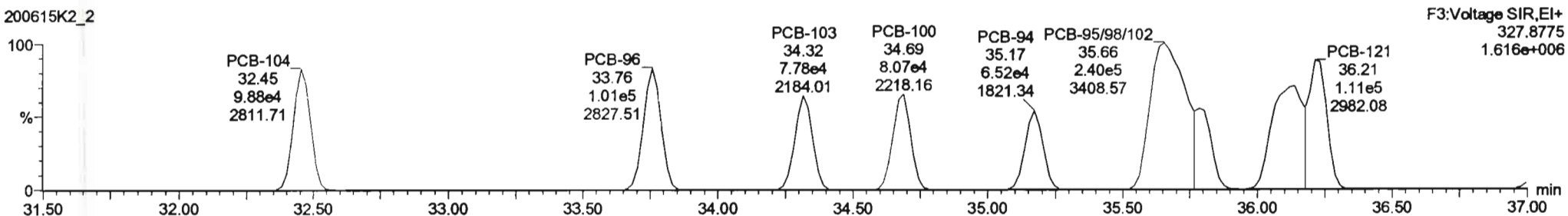
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PCB-96

200615K2\_2



200615K2\_2

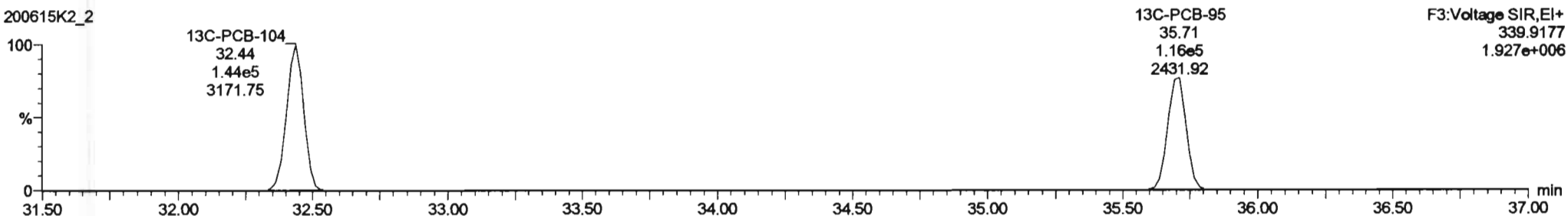


13C-PCB-95

200615K2\_2



200615K2\_2



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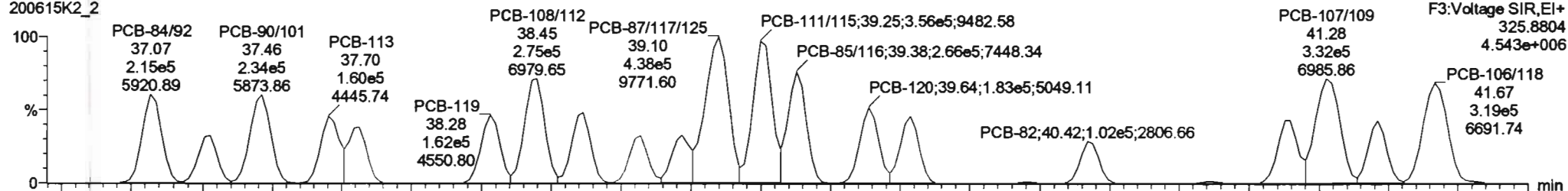
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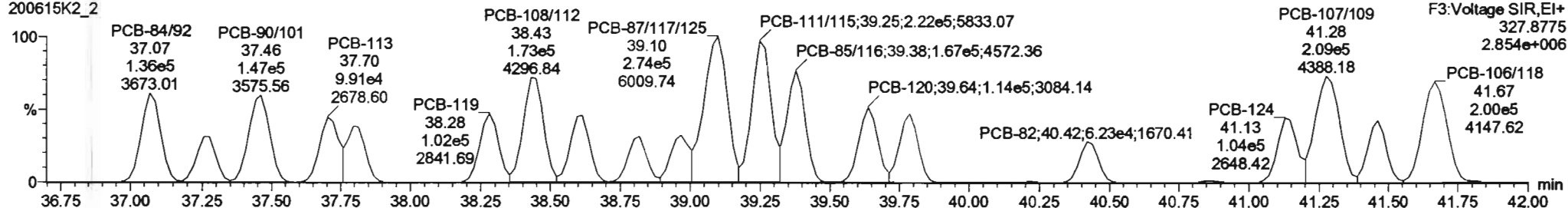
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PCB-119

200615K2\_2

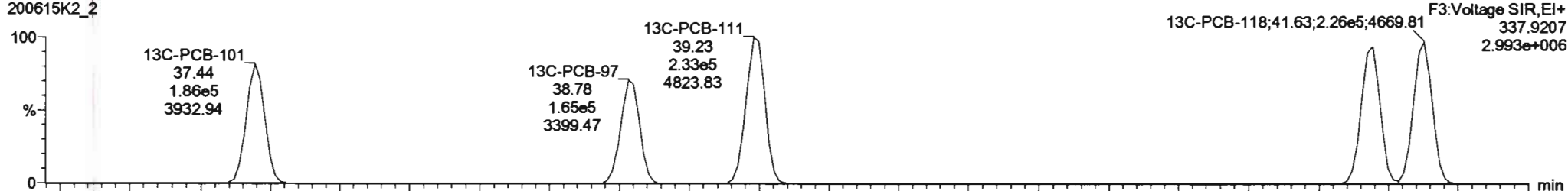


200615K2\_2

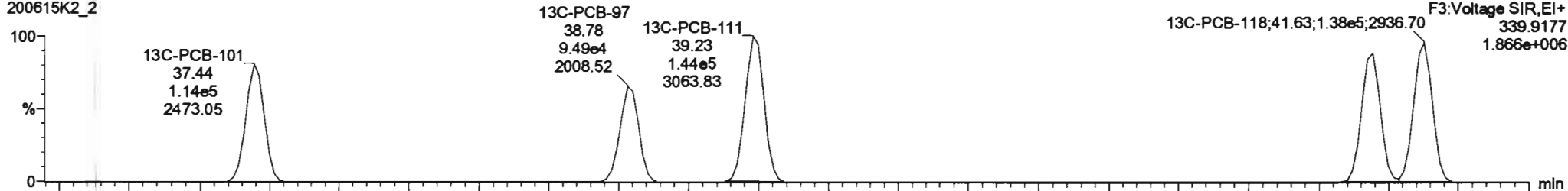


13C-PCB-111

200615K2\_2



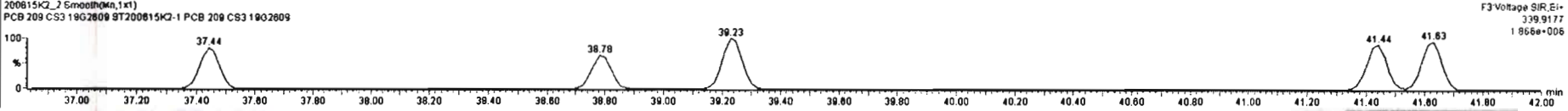
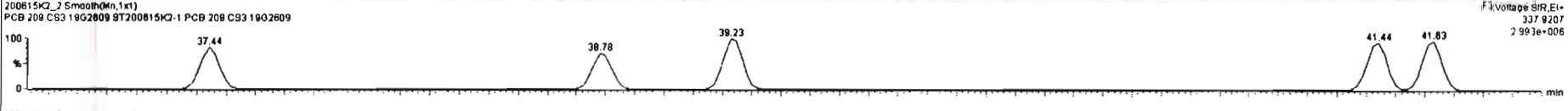
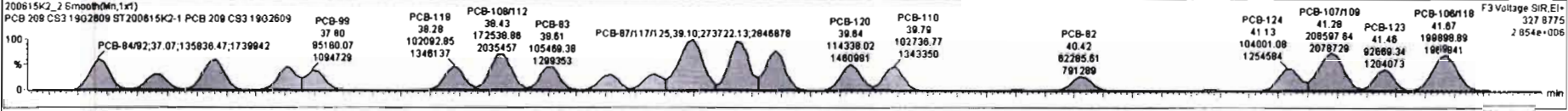
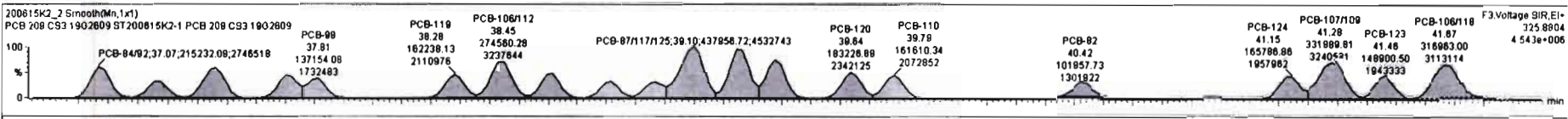
200615K2\_2



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#	Name	Resp	RA	n/y	RT	w/ret	Prod RT	RT	Prod.R.	RT	RTI	RTI	Conc.	%Proc	DL	EMPC
221	221 13C-PCB-178	2.71e5	0.48	NO	0.7895	1.000	45.86	45.85	0.989	0.989	NO	78.58	78.8	0.0730		
222	222 13C-PCB-79	8.71e5	0.81	NO	1.0821	1.000	37.76	37.76	0.989	0.989	NO	101.4	101	0.0843		
223	223 13C-PCB-178	2.71e5	0.48	NO	1.0808	1.000	45.85	45.85	0.923	0.923	NO	94.28	94.3	0.0896		
224	224 Total Mono-PCBs				1.1885	1.000	0.00	0.00	0.000	0.000	NO	185.2		0.0424	185.2	
225	225 Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	897.5		0.261	897.5	
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	478.4		0.141	478.4	
227	227 3rd Function Tri-PCBs				0.9826	1.000	0.00	0.00	0.000	0.000	NO	912.8		0.433	912.8	
228	228 Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2441		1.32	2441	
229	229 3rd Function Penta-PCBs				1.3187	1.000	0.00	0.00	0.000	0.000	NO	2383		1.10	2383	

#	Name	Prod RT	RT	m1 Resp	m2 Resp	1* Ratio (Prod)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.46	32.45	1.805e5	9.878e4	1.580	1.82	NO	58.855	58.855
2	65 PCB-88	33.78	33.78	1.618e5	1.013e5	1.580	1.80	NO	58.840	58.840
3	66 PCB-103	34.34	34.32	1.248e5	7.776e4	1.580	1.80	NO	55.783	55.783
4	67 PCB-100	34.89	34.88	1.295e5	8.070e4	1.580	1.80	NO	58.918	58.918
6	68 PCB-94	35.19	35.17	1.010e5	6.516e4	1.580	1.55	NO	57.788	57.788
8	69 PCB-85/86/102	35.67	35.66	3.821e5	2.400e5	1.580	1.59	NO	170.43	170.43
7	70 PCB-83	35.79	35.79	1.008e5	6.198e4	1.580	1.82	NO	57.383	57.383
6	71 PCB-88/81	36.14	36.12	2.289e5	1.459e5	1.580	1.57	NO	116.08	116.08
9	72 PCB-121	36.23	36.23	1.783e5	1.111e5	1.580	1.80	NO	55.864	55.864

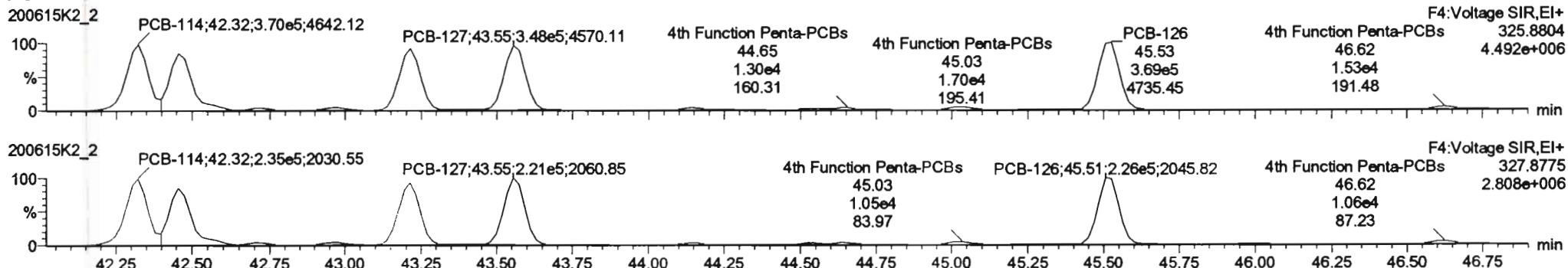


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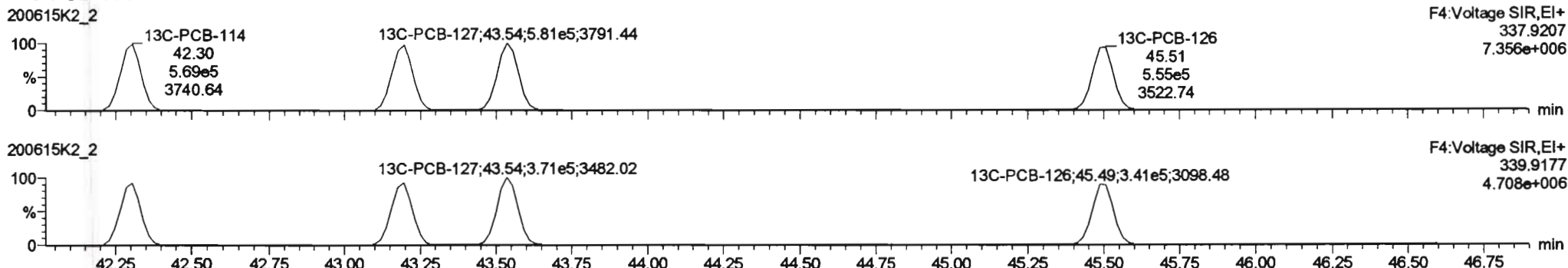
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Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

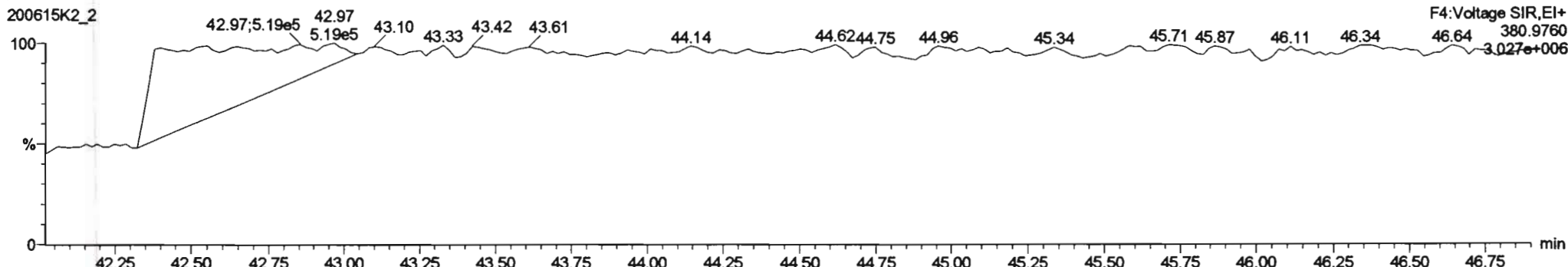
**PCB-114**



**13C-PCB-114**

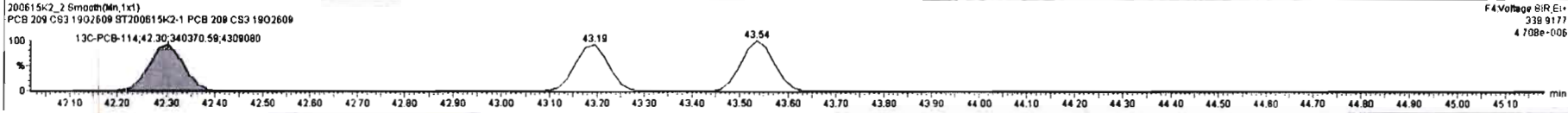
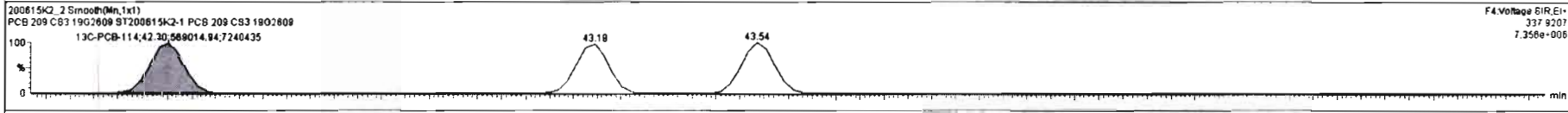
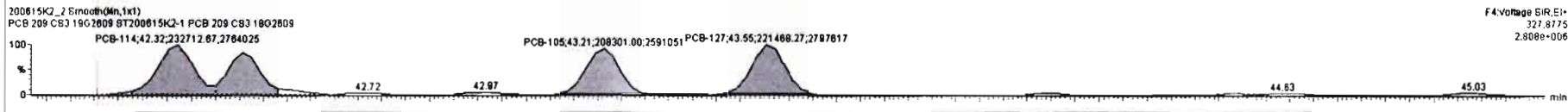
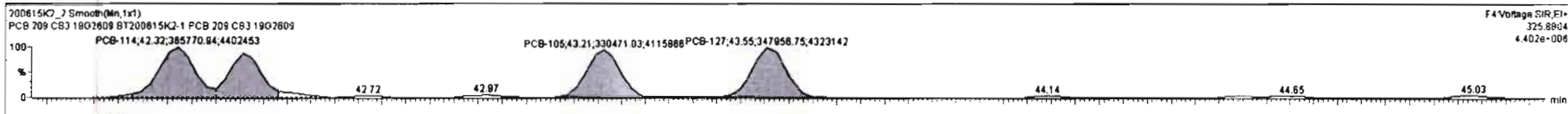


**PFK4a**



#	Name	Resp	RA	n/y	R/F	wt/Vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221 13C-PCB-178	2.71e5	0.46	NO	0.7885	1.000	45.88	45.85	0.996	0.996	NO	78.58	76.8	0.0738	
222	222 13C-PCB-79	8.71e5	0.81	NO	1.0821	1.000	37.78	37.76	0.988	0.988	NO	101.4	101	0.0843	
223	223 13C-PCB-178	2.71e5	0.46	NO	1.0508	1.000	45.85	45.85	0.923	0.923	NO	94.28	94.3	0.0898	
224	224 Total Mono-PCBs				1.1885	1.000	0.00		0.000		NO	185.2		0.0424	185.2
225	225 Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	897.5		0.261	897.5
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	478.4		0.141	478.4
227	227 3rd Function Tri-PCBs				0.8828	1.000	0.00		0.000		NO	912.8		0.433	912.8
228	228 Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2441		1.32	2441
229	229 3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2383		1.10	2383

#	Name	Pred RT	RT	wt Resp	id Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	83 PCB-114	42.33	42.32	3.858e5	2.327e5	1.580	1.57	NO	57.871	57.871
2	94 PCB-122	42.47	42.46	2.854e5	1.829e5	1.580	1.81	NO	55.708	55.708
3	85 PCB-105	43.21	43.21	3.305e5	2.083e5	1.550	1.58	NO	58.531	58.531
4	88 PCB-127	43.55	43.55	3.480e5	2.215e5	1.580	1.57	NO	58.444	58.444
5	87 PCB-128	45.52	45.53	3.889e5	2.284e5	1.580	1.83	NO	58.858	58.858

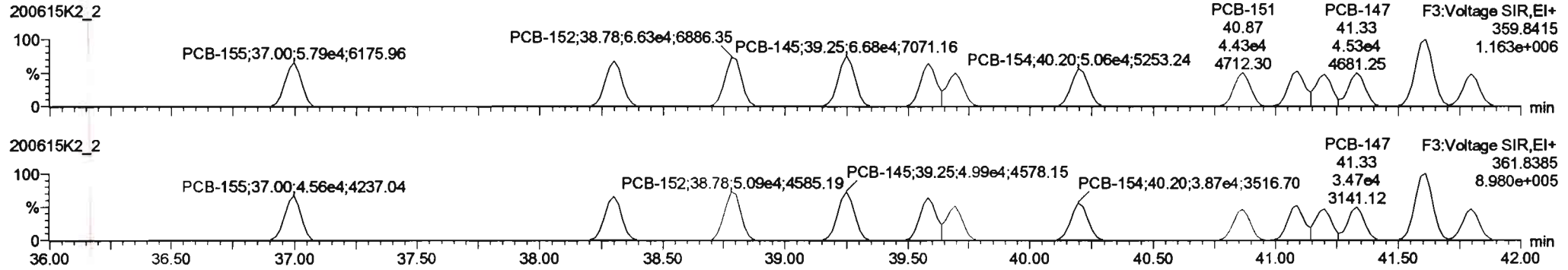


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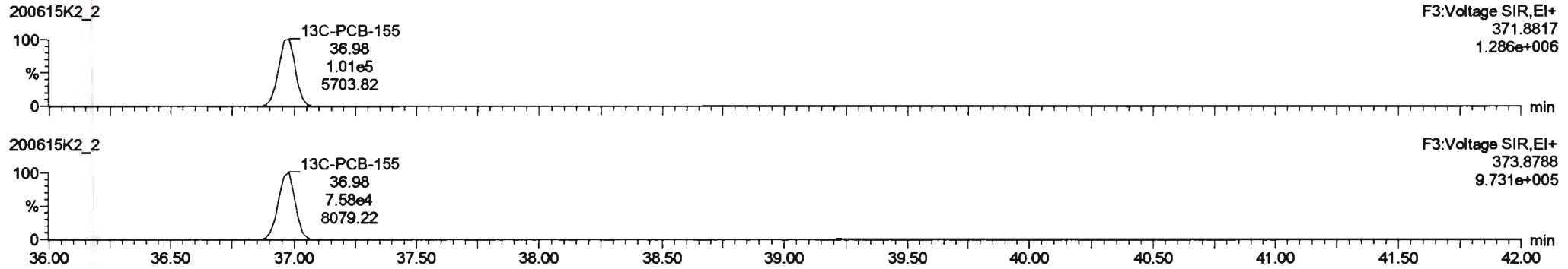
Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

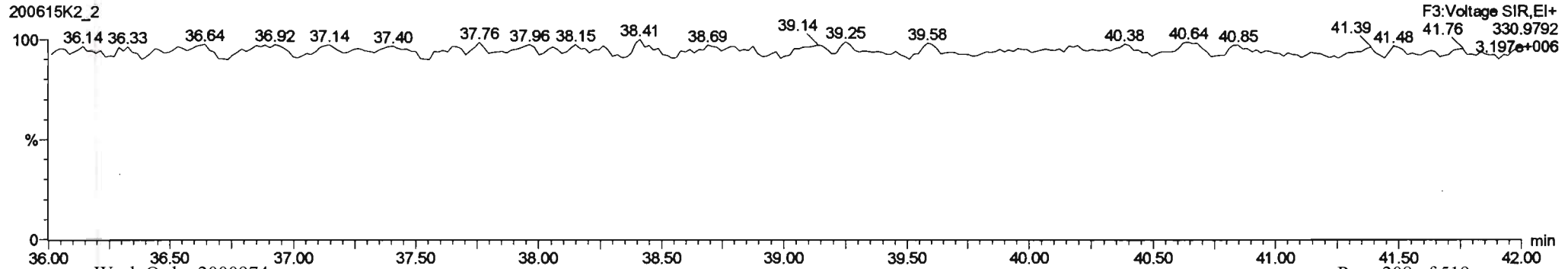
**PCB-155**



**13C-PCB-155**



**PFK3c**



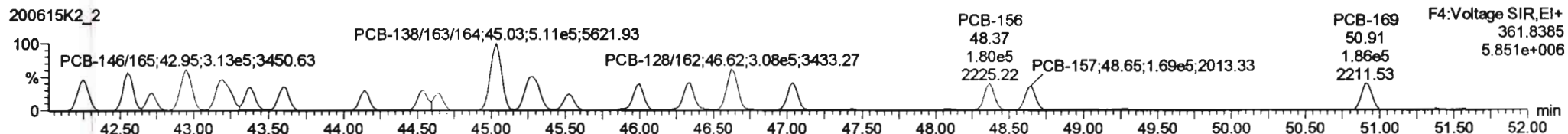
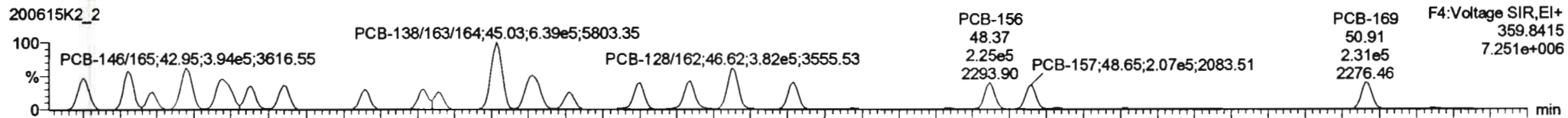


Dataset: Untitled

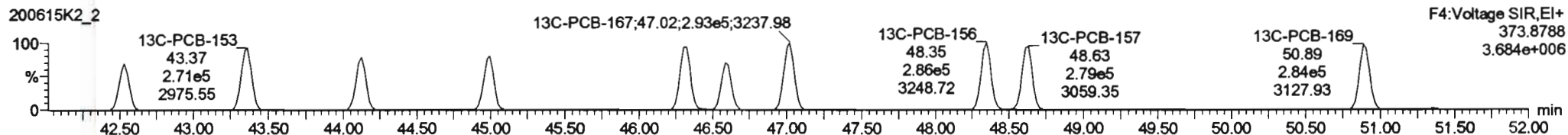
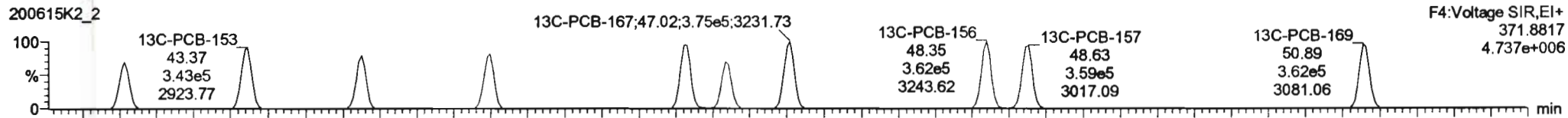
Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

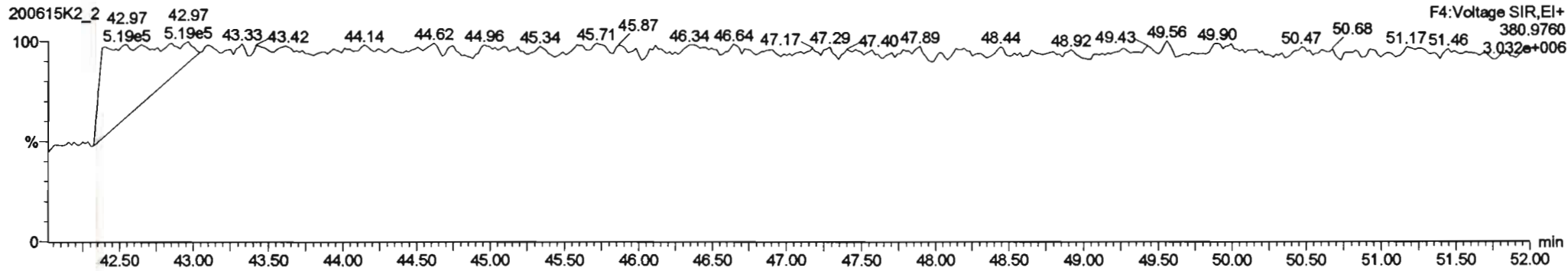
**PCB-134/143**

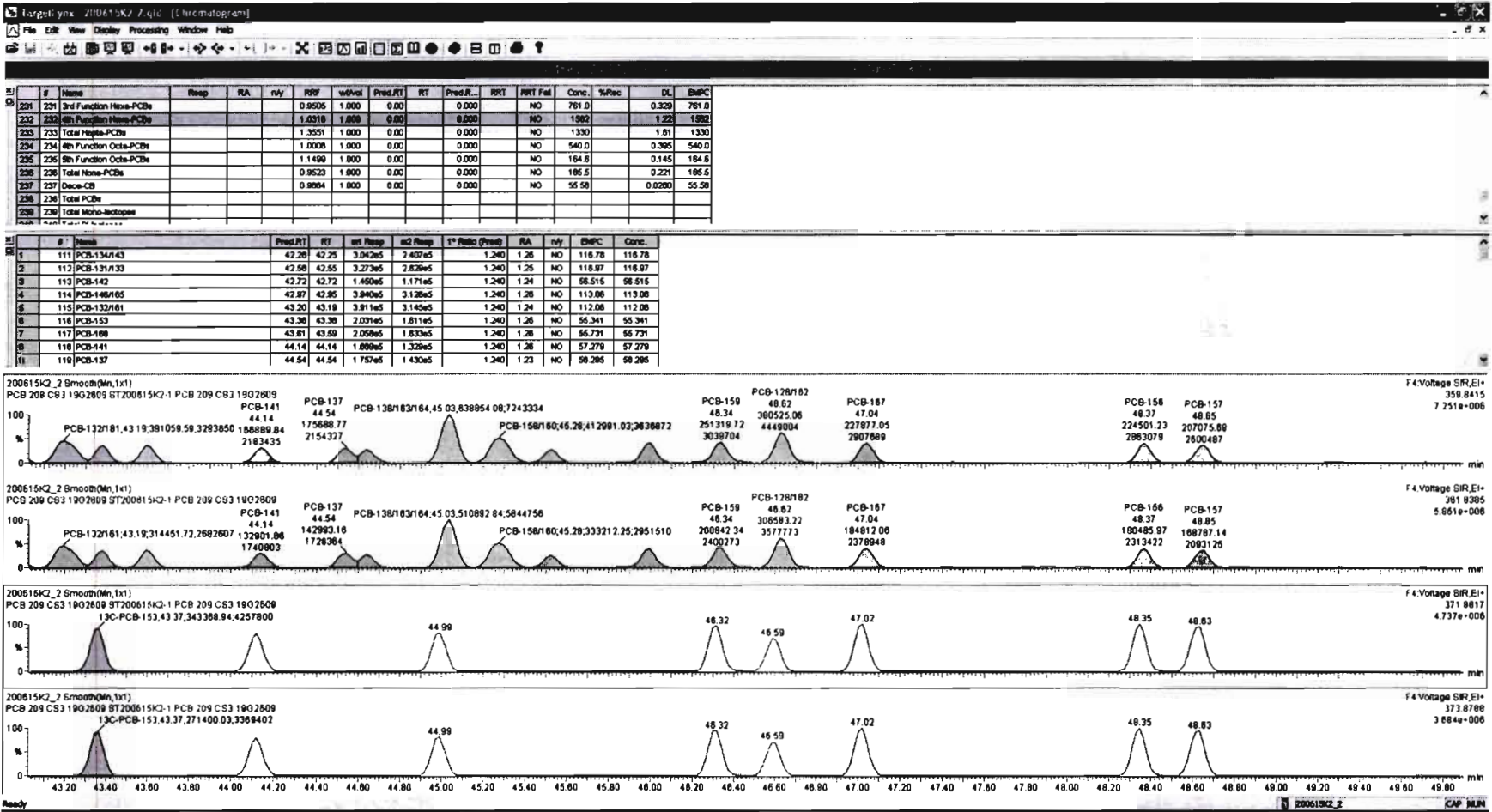


**13C-PCB-153**



**PFK4b**





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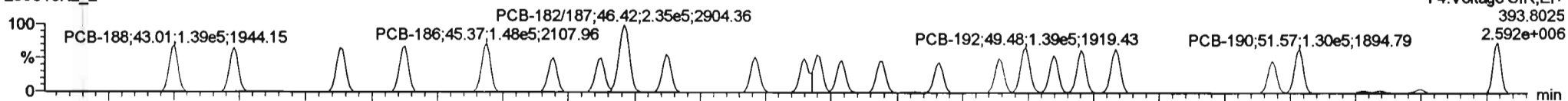
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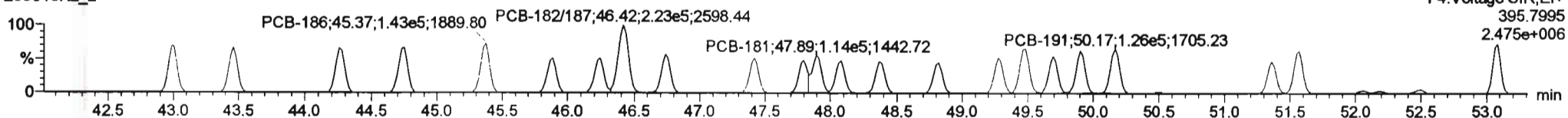
Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-188**

200615K2\_2

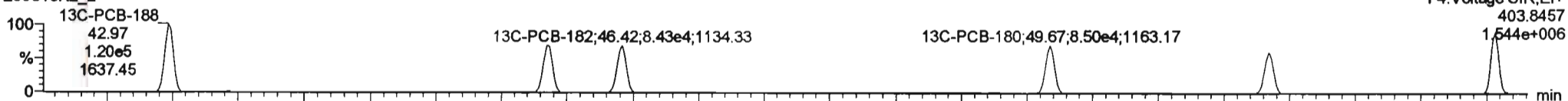


200615K2\_2

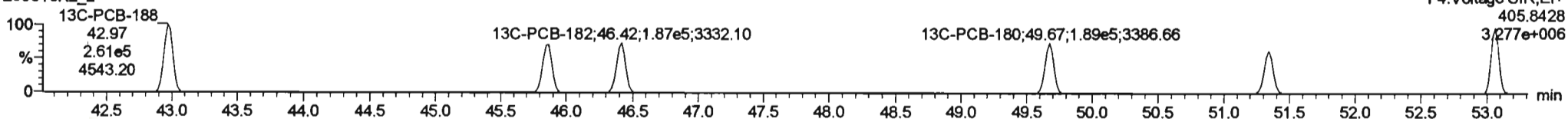


**13C-PCB-188**

200615K2\_2

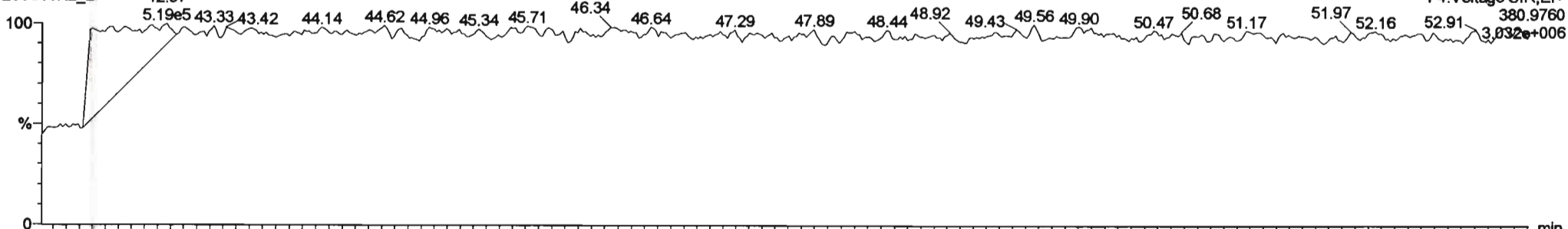


200615K2\_2



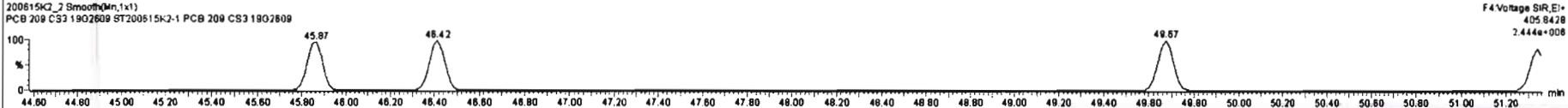
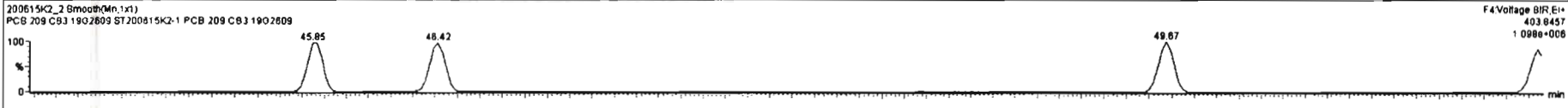
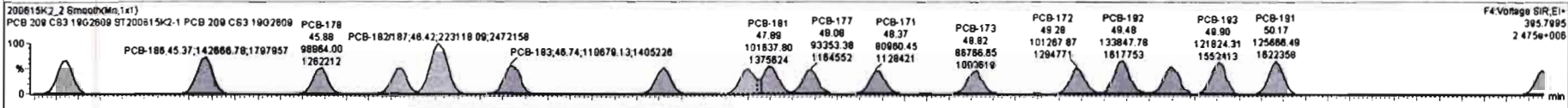
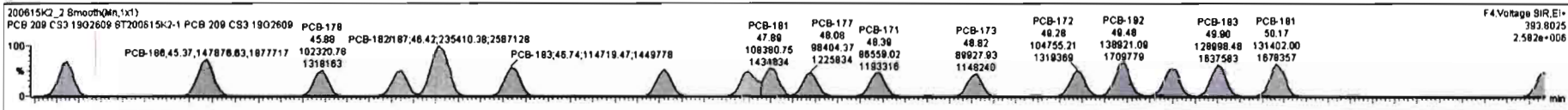
**PFK4c**

200615K2\_2



#	Name	Resp	RA	ry	RfF	val/nd	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
221	221 3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	781.0	0.320	781.0	
222	222 4th Function Hexa-PCBs				1.0216	1.000	0.00		0.000		NO	1582	1.22	1582	
223	223 Total Hexa-PCBs				1.3881	1.000	0.00		0.000		NO	1390	1.01	1390	
224	224 4th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	540.0	0.385	540.0	
225	225 5th Function Octa-PCBs				1.1498	1.000	0.00		0.000		NO	184.8	0.145	184.8	
226	226 Total Nona-PCBs				0.8523	1.000	0.00		0.000		NO	185.5	0.221	185.5	
227	227 Deca-CB				0.8884	1.000	0.00		0.000		NO	55.58	0.0280	55.58	
228	228 Total PCBs														
229	229 Total Micro-Isoprene														

#	Name	Pred.RT	RT	art Resp	nd Resp	1* Ratio (Pre)	RA	ry	EMPC	Conc.
1	131 PCB-188	43.01	43.01	1.388e5	1.353e5	1.050	1.03	NO	55.735	55.735
2	132 PCB-184	43.44	43.48	1.331e5	1.264e5	1.050	1.05	NO	55.238	55.238
3	133 PCB-178	44.26	44.28	1.373e5	1.301e5	1.050	1.05	NO	54.024	54.024
4	134 PCB-176	44.72	44.75	1.422e5	1.350e5	1.050	1.05	NO	55.534	55.534
5	135 PCB-188	45.35	45.37	1.478e5	1.427e5	1.050	1.04	NO	57.328	57.328
6	136 PCB-178	45.87	45.88	1.023e5	9.888e4	1.050	1.03	NO	55.857	55.857
7	137 PCB-175	46.22	46.24	1.082e5	1.017e5	1.050	1.04	NO	57.025	57.025
8	138 PCB-182/187	46.40	46.42	2.354e5	2.231e5	1.050	1.06	NO	112.78	112.78
9	139 PCB-183	46.74	46.74	1.147e5	1.107e5	1.050	1.04	NO	57.788	57.788



Dataset: Untitled

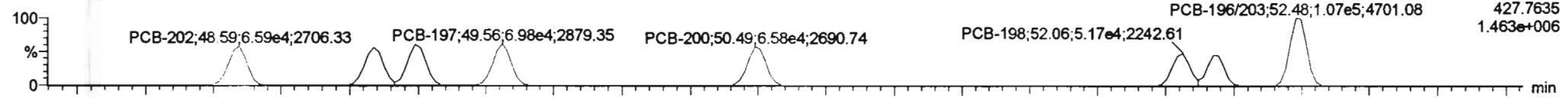
Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time

Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

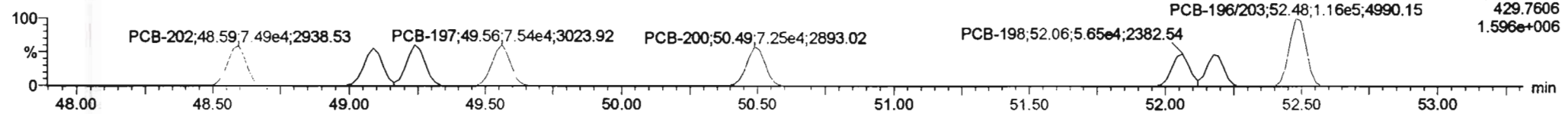
Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-202**

200615K2\_2

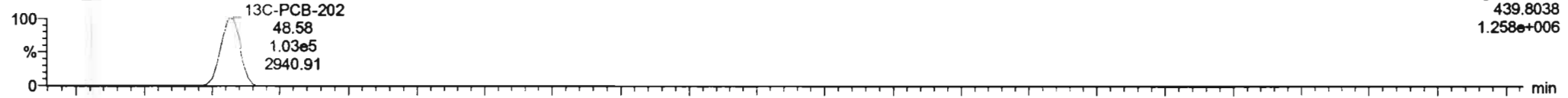


200615K2\_2

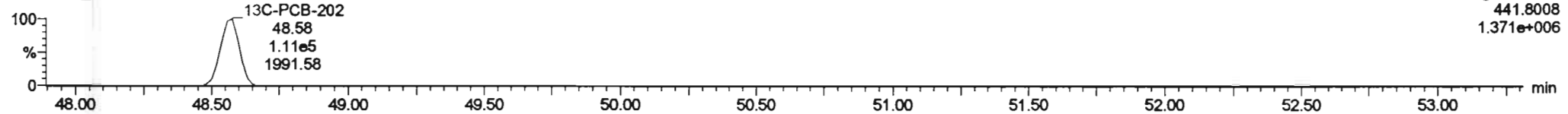


**13C-PCB-202**

200615K2\_2

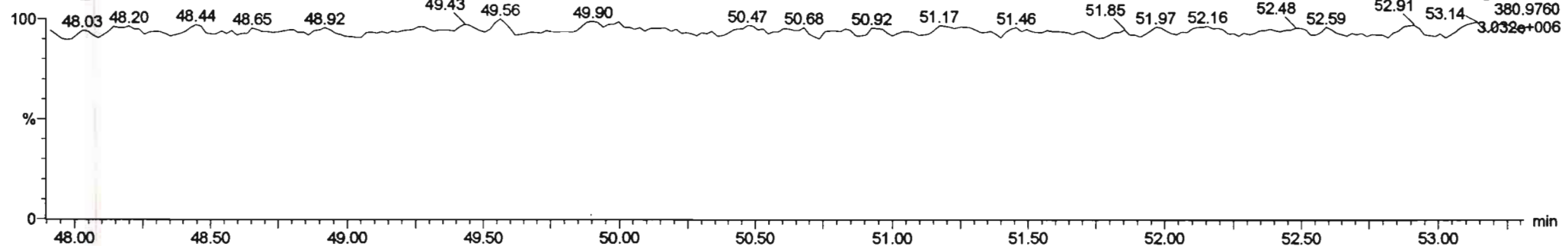


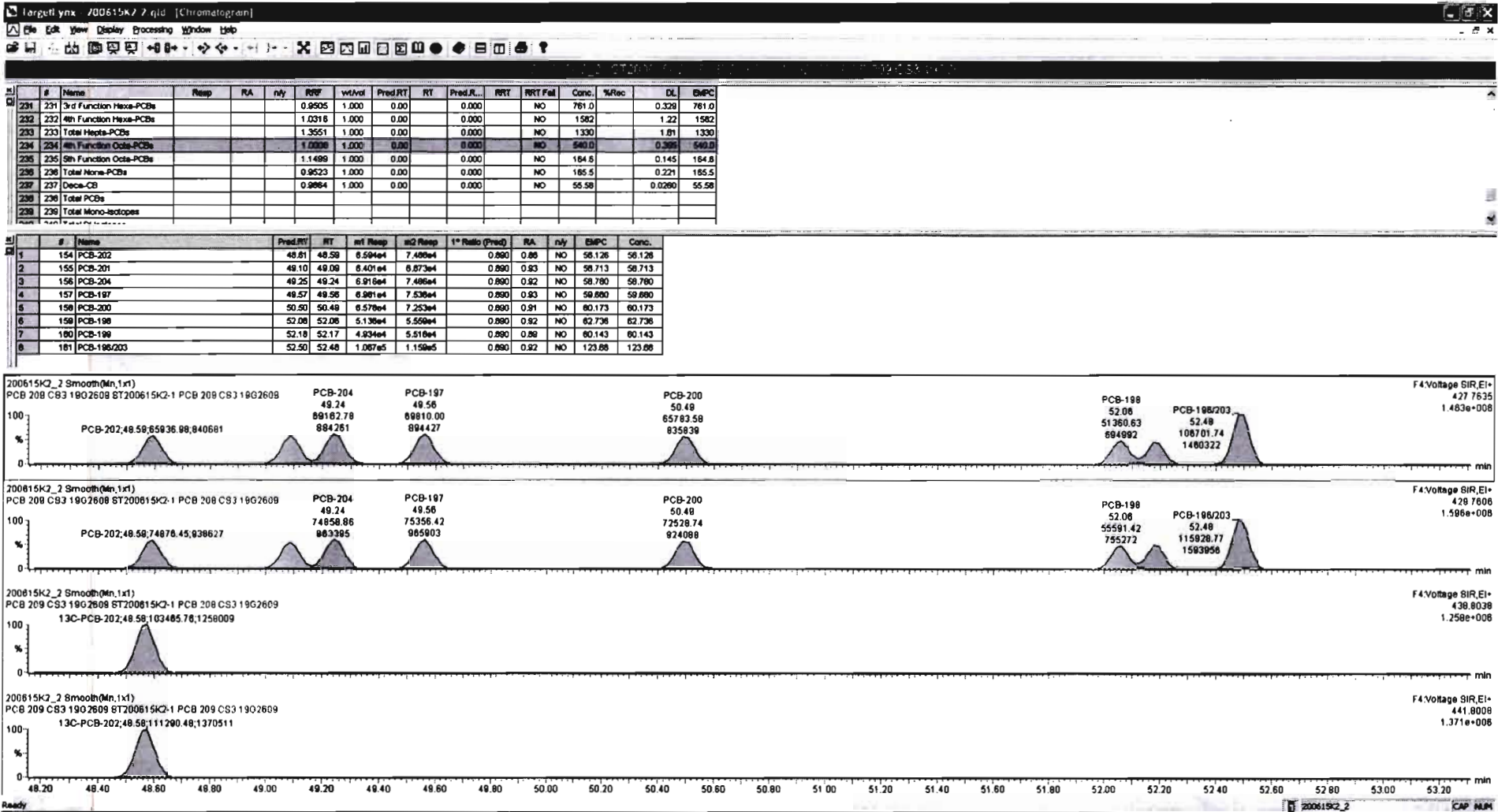
200615K2\_2



**PFK4d**

200615K2\_2



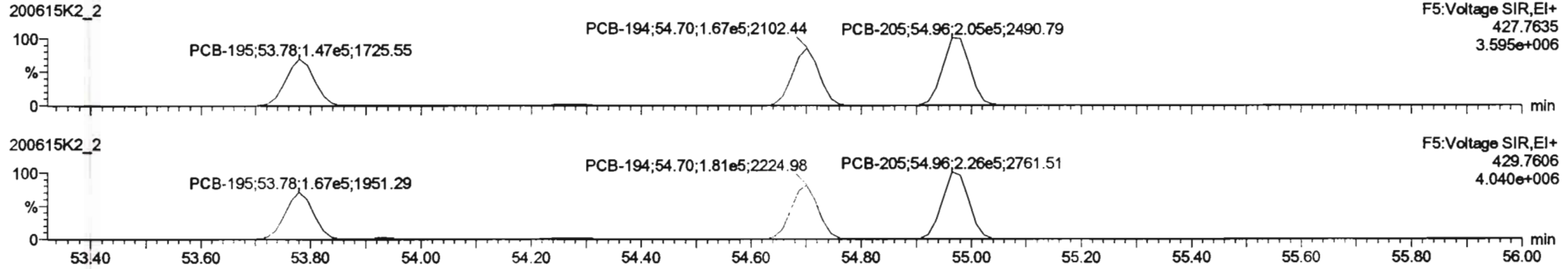


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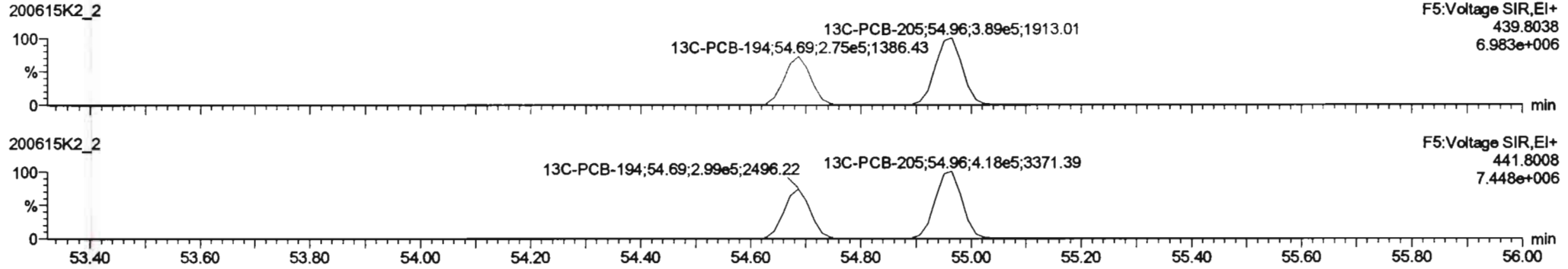
Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

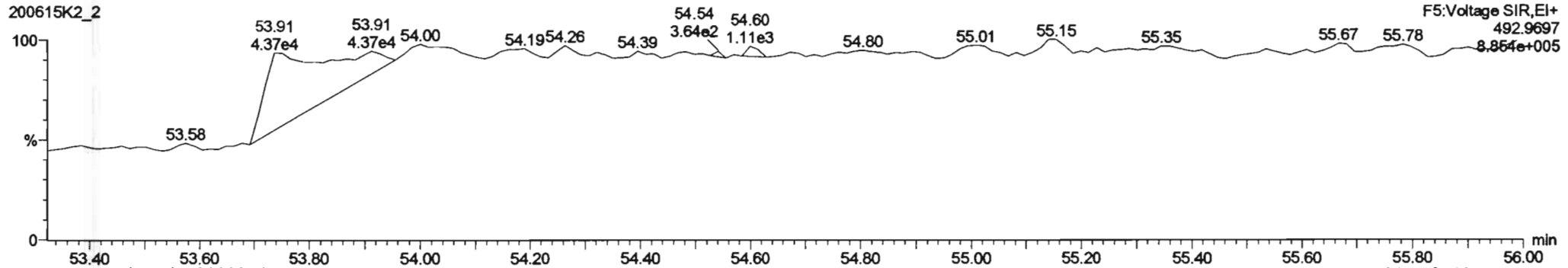
**PCB-195**



**13C-PCB-194**



**PFK5a**

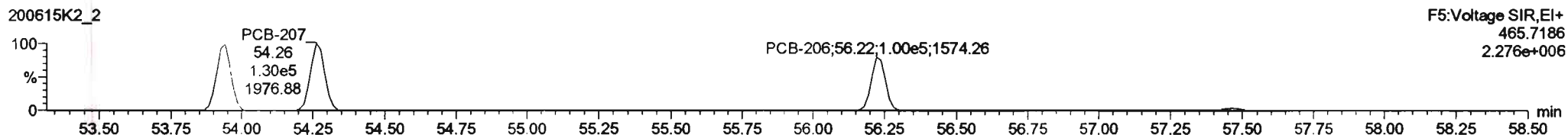
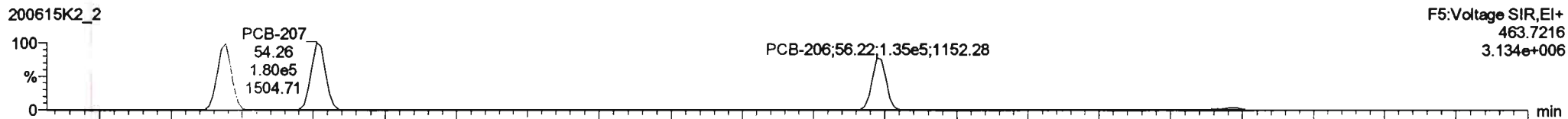


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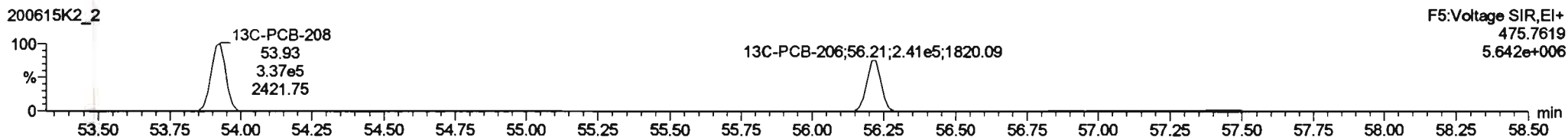
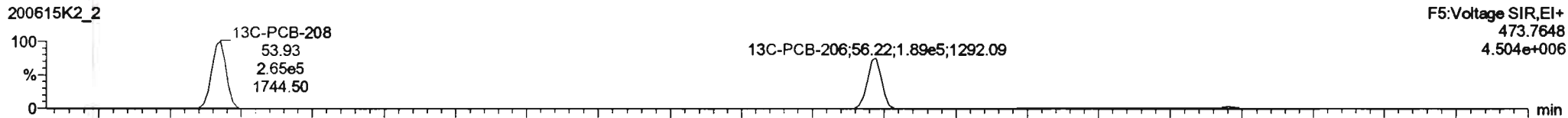
Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

Name: 200615K2\_2, Date: 16-Jun-2020, Time: 01:14:00, ID: ST200615K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

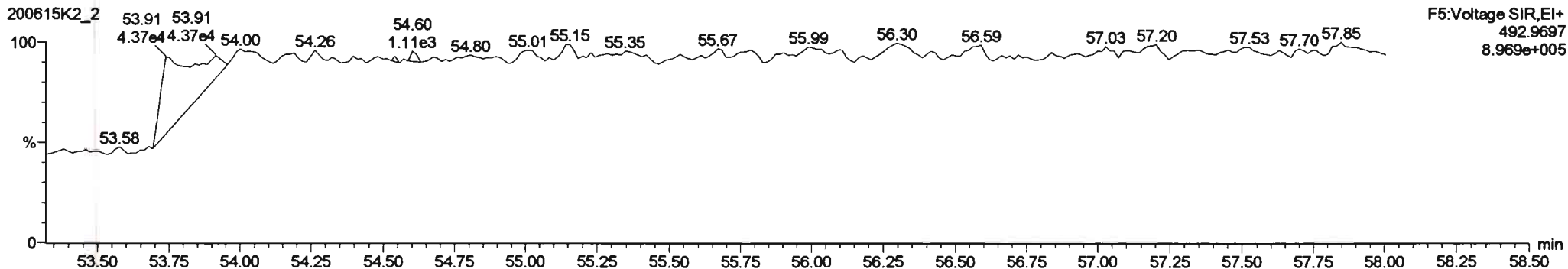
**PCB-208**



**13C-PCB-208**



**PFK5**





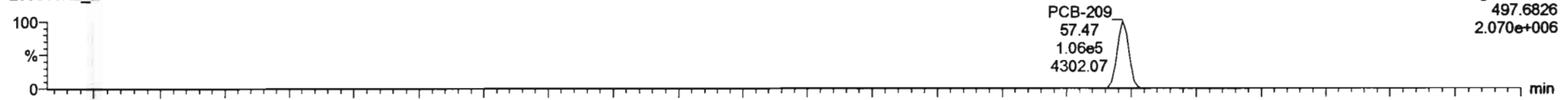
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Last Altered: Tuesday, June 16, 2020 08:41:32 Pacific Daylight Time  
Printed: Tuesday, June 16, 2020 08:42:35 Pacific Daylight Time

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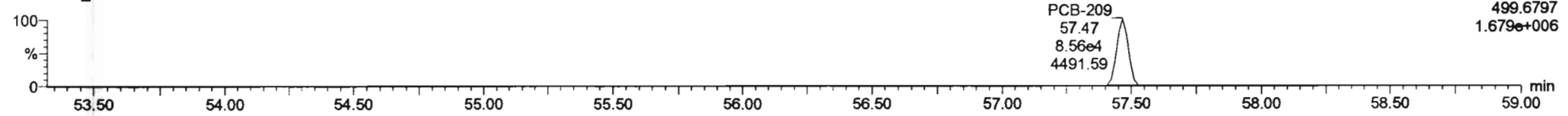
**PCB-209**

200615K2\_2



F5:Voltage SIR,EI+  
497.6826  
2.070e+006

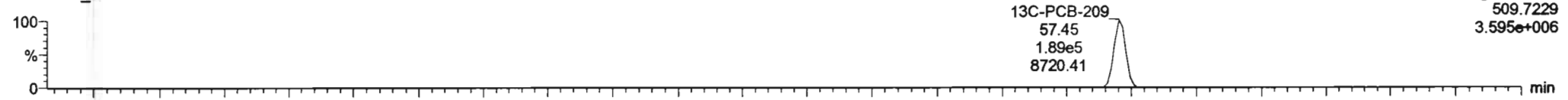
200615K2\_2



F5:Voltage SIR,EI+  
499.6797  
1.679e+006

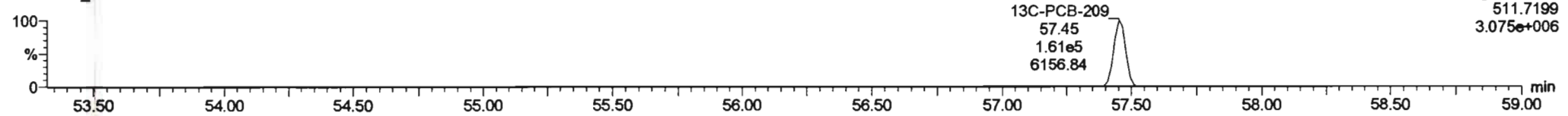
**13C-PCB-209**

200615K2\_2



F5:Voltage SIR,EI+  
509.7229  
3.595e+006

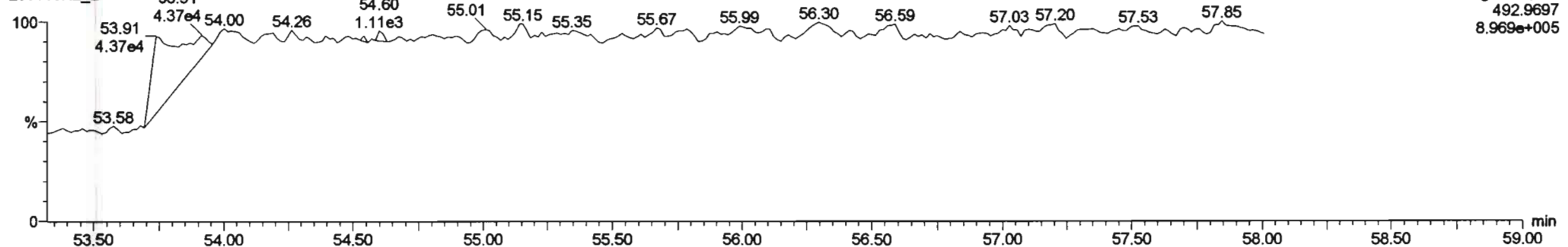
200615K2\_2



F5:Voltage SIR,EI+  
511.7199  
3.075e+006

**PFK5b**

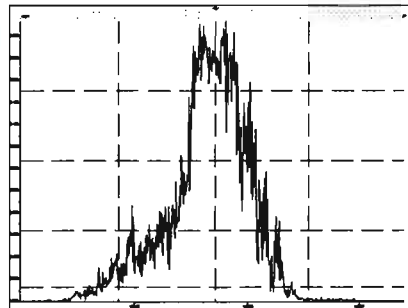
200615K2\_2



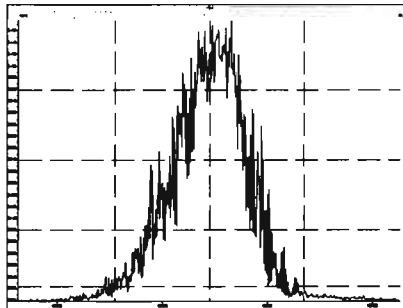
F5:Voltage SIR,EI+  
492.9697  
8.969e+005

Printed: Tuesday, June 16, 2020 12:27:07 Pacific Daylight Time

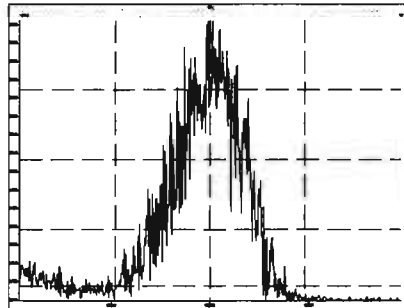
M 168.9888 R 11389



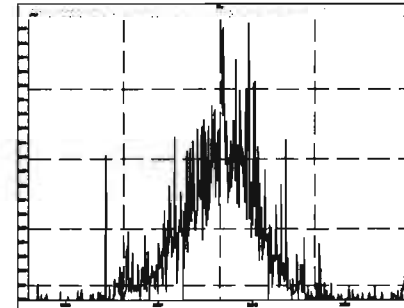
M 180.9888 R 12732



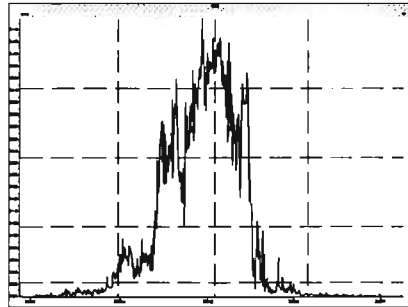
M 192.9888 R 15064



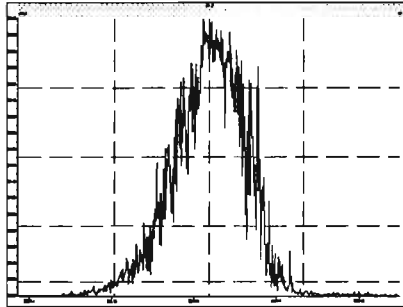
M 204.9888 R 21363



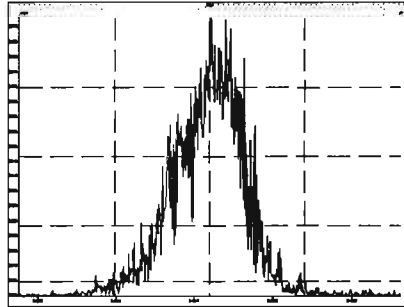
M 218.9856 R 12708



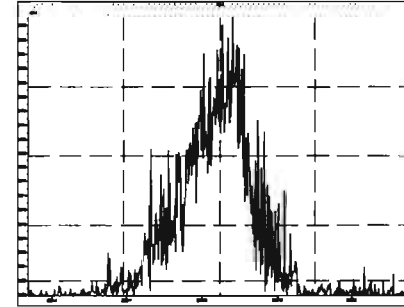
M 230.9856 R 14443



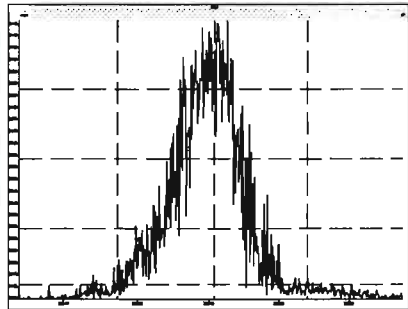
M 242.9856 R 12907



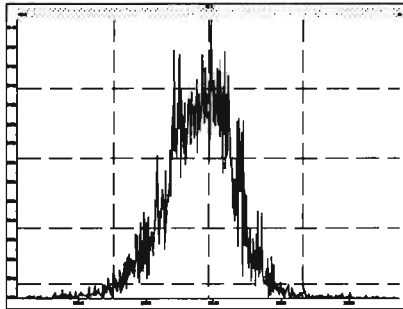
M 254.9856 R 15094



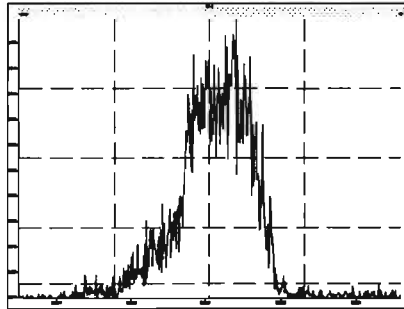
M 268.9824 R 14712



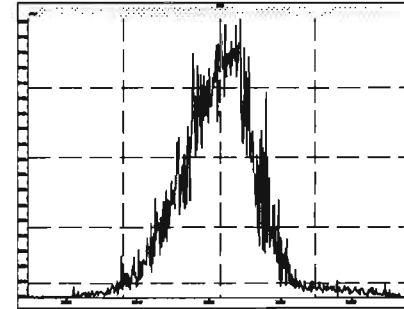
M 280.9824 R 15208



M 254.9856 R 12766

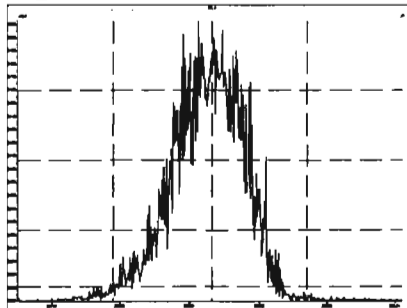


M 268.9824 R 13623

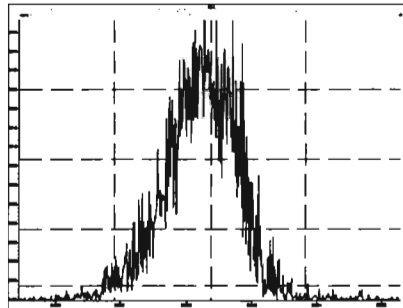


Printed: Tuesday, June 16, 2020 12:27:07 Pacific Daylight Time

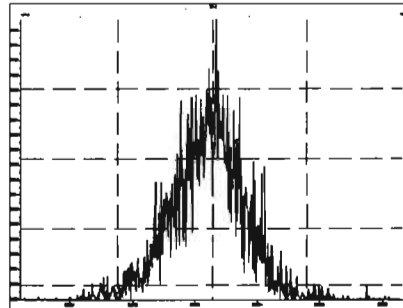
M 280.9824 R 13207



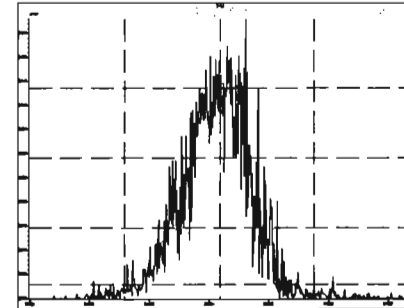
M 292.9824 R 14124



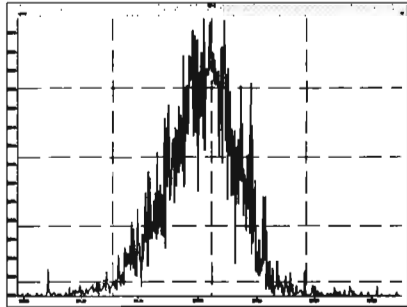
M 304.9824 R 15486



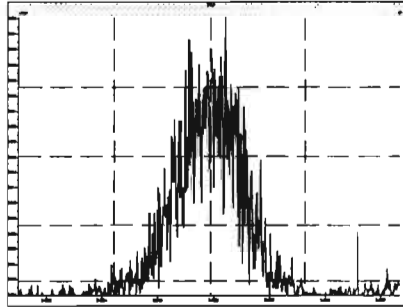
M 318.9792 R 15116



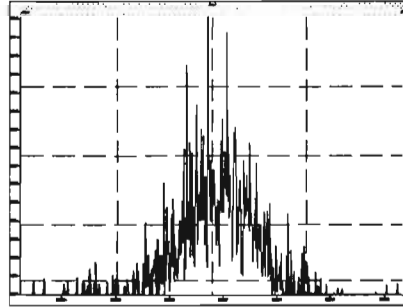
M 330.9792 R 15013



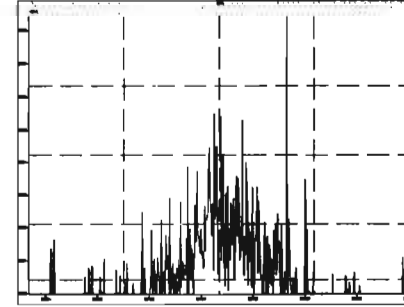
M 342.9792 R 16368



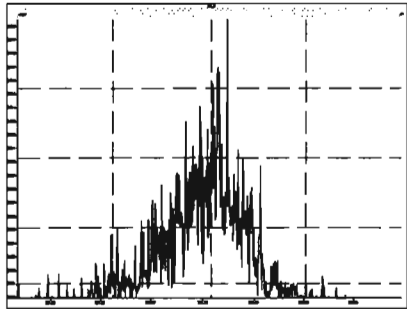
M 354.9792 R 19013



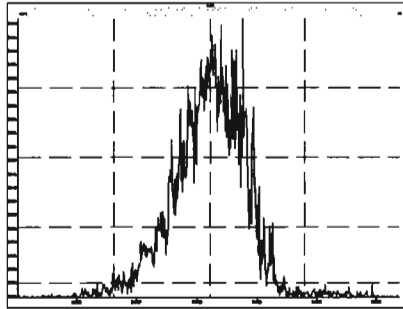
M 366.9792 R 70170



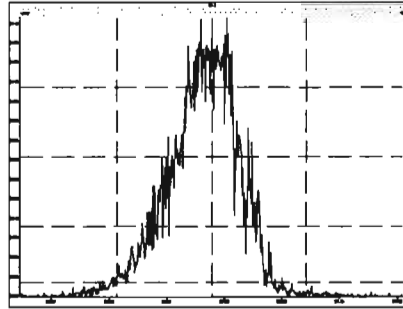
M 380.9760 R 16076



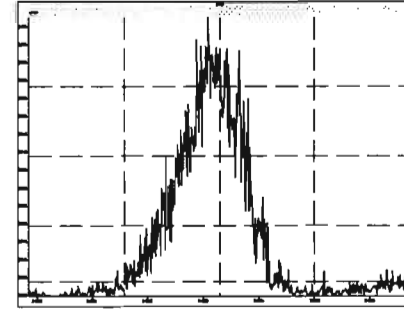
M 318.9792 R 14888



M 330.9792 R 13459

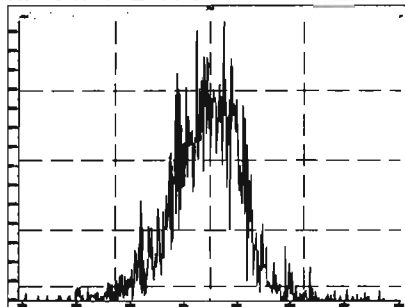


M 342.9792 R 13750

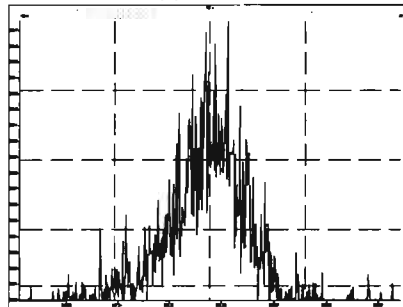


Printed: Tuesday, June 16, 2020 12:27:07 Pacific Daylight Time

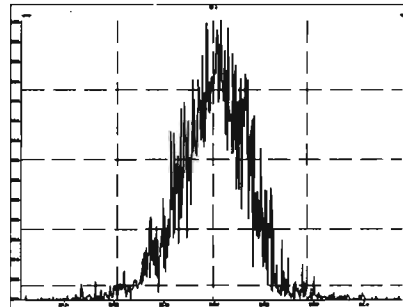
M 354.9792 R 16048



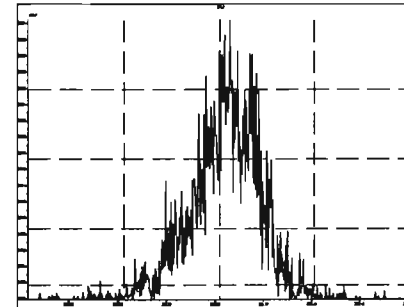
M 366.9792 R 17013



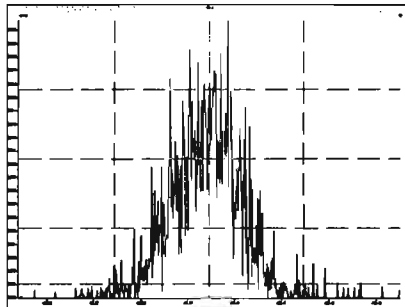
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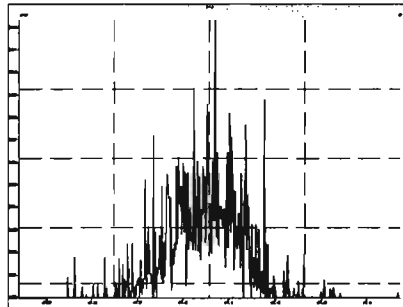
M 392.9760 R 16510



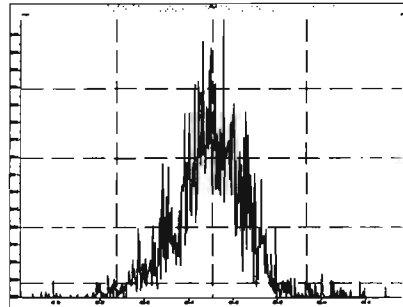
M 404.9760 R 15990



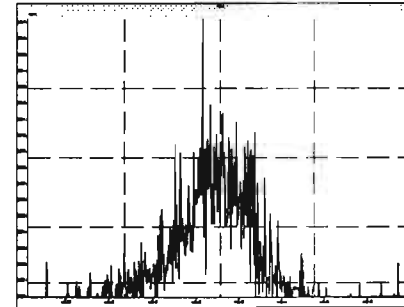
M 416.9760 R 28667



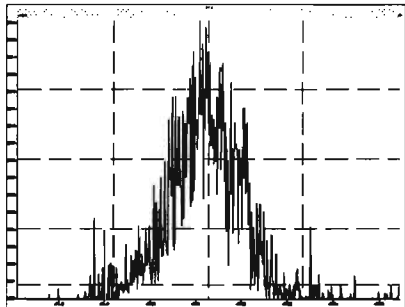
M 430.9728 R 14995



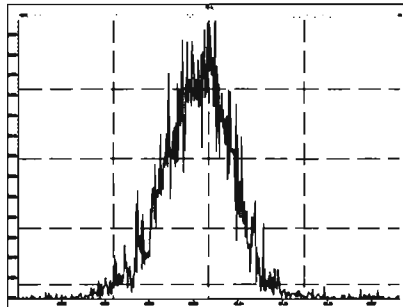
M 442.9728 R 21097



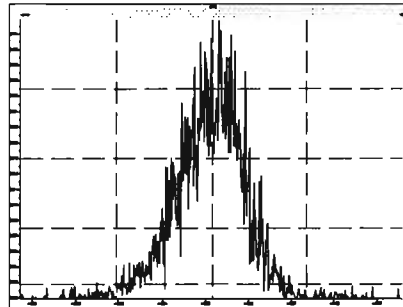
M 416.9760 R 16892



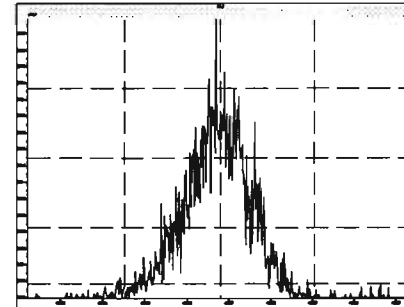
M 430.9728 R 14623



M 442.9728 R 14988

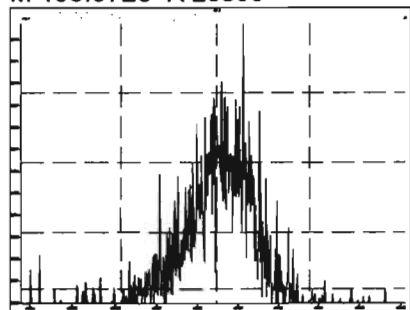


M 454.9728 R 15207

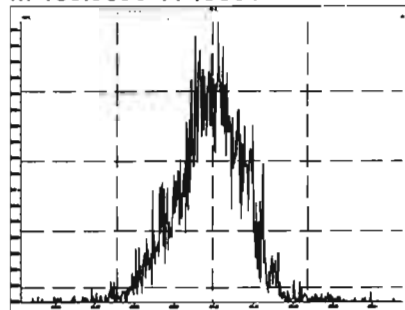


Printed: Tuesday, June 16, 2020 12:27:07 Pacific Daylight Time

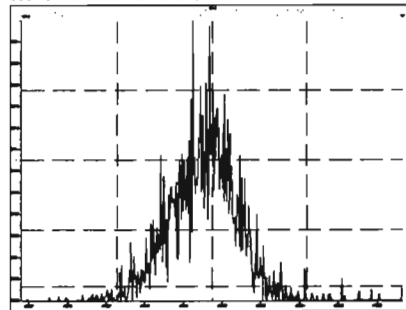
M 466.9728 R 20566



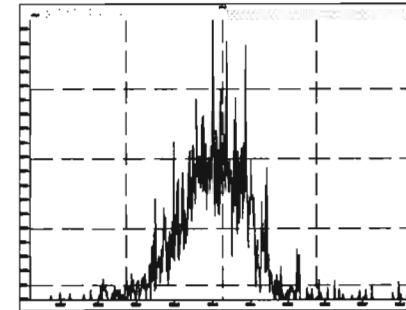
M 480.9696 R 15061



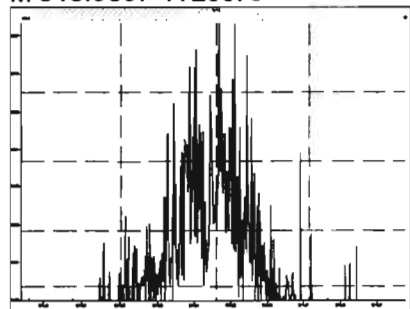
M 492.9696 R 15899



M 504.9696 R 18889



M 516.9697 R 26670



## **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

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Compound name: PCB-3  
 Response Factor: 1.14833  
 RRF SD: 0.0822518, Relative SD: 7.16272  
 Response type: Internal Std ( Ref 170 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	3.08	NO	18.17	1.001	6.28e3	2.41e6	0.227	-9.2	1.04	MM
2	200601K1_2	1.00	2.84	NO	18.18	1.001	2.75e4	2.58e6	0.928	-7.2	1.07	bb
3	200601K1_3	2.50	3.01	NO	18.19	1.001	7.13e4	2.54e6	2.45	-2.1	1.12	bb
4	200601K1_4	50.0	3.06	NO	18.19	1.001	1.48e6	2.46e6	52.8	5.1	1.21	bb
5	200601K1_5	400	3.08	NO	18.19	1.001	1.27e7	2.59e6	428	7.1	1.23	bb
6	200601K1_6	1000	3.07	NO	18.19	1.001	3.01e7	2.47e6	1060	6.3	1.22	bb

Compound name: PCB-4/10  
 Response Factor: 1.24809  
 RRF SD: 0.0718691, Relative SD: 5.75833  
 Response type: Internal Std ( Ref 171 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.39	NO	19.58	1.004	9.34e3	1.57e6	0.477	-4.5	1.19	MM
2	200601K1_2	2.00	1.82	NO	19.59	1.004	4.01e4	1.72e6	1.87	-6.5	1.17	MM
3	200601K1_3	5.00	1.58	NO	19.60	1.004	9.94e4	1.67e6	4.78	-4.5	1.19	MM
4	200601K1_4	100	1.53	NO	19.60	1.004	2.09e6	1.62e6	104	3.5	1.29	MM
5	200601K1_5	800	1.55	NO	19.60	1.004	1.82e7	1.72e6	850	6.2	1.33	MM
6	200601K1_6	2000	1.55	NO	19.60	1.004	4.30e7	1.63e6	2110	5.7	1.32	MM

Compound name: PCB-7/9  
 Response Factor: 0.960107  
 RRF SD: 0.0555849, Relative SD: 5.76736  
 Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.500	1.37	NO	21.37	1.002	1.15e4	2.57e6	0.467	-6.8	0.896	MM
2	200601K1_2	2.00	1.86	NO	21.40	1.003	5.04e4	2.77e6	1.90	-5.2	0.910	MM



Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

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Compound name: PCB-7/9

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.59	NO	21.38	1.002	1.26e5	2.71e6	4.84	-3.2	0.930	bb
200801K1_4	100	1.55	NO	21.41	1.003	2.56e6	2.81e6	103	2.5	0.985	bb
200801K1_5	800	1.55	NO	21.40	1.002	2.25e7	2.73e6	859	7.3	1.03	bb
200801K1_6	2000	1.55	NO	21.41	1.003	5.31e7	2.83e6	2100	5.1	1.01	bb

Compound name: PCB-8

Response Factor: 1.02356

RRF SD: 0.0533669, Relative SD: 5.21385

Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.35	NO	22.04	1.033	6.56e3	2.57e6	0.249	-0.3	1.02	MM
200801K1_2	1.00	1.61	NO	22.05	1.033	2.62e4	2.77e6	0.925	-7.5	0.947	bb
200801K1_3	2.50	1.52	NO	22.06	1.033	6.65e4	2.71e6	2.40	-4.1	0.981	bb
200801K1_4	50.0	1.56	NO	22.06	1.033	1.35e6	2.81e6	50.5	0.9	1.03	bb
200801K1_5	400	1.57	NO	22.06	1.033	1.19e7	2.73e6	425	6.4	1.09	bb
200801K1_6	1000	1.56	NO	22.06	1.033	2.82e7	2.83e6	1050	4.8	1.07	bb

Compound name: PCB-5/8

Response Factor: 0.992495

RRF SD: 0.0686245, Relative SD: 6.71283

Response type: Internal Std ( Ref 172 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.47	NO	22.45	1.053	1.15e4	2.57e6	0.452	-9.5	0.898	MM
200801K1_2	2.00	1.46	NO	22.45	1.052	5.24e4	2.77e6	1.91	-4.7	0.946	MM
200801K1_3	5.00	1.56	NO	22.46	1.052	1.31e5	2.71e6	4.86	-2.9	0.964	bb
200801K1_4	100	1.55	NO	22.46	1.052	2.88e6	2.81e6	103	3.5	1.03	bb
200801K1_5	800	1.55	NO	22.46	1.052	2.33e7	2.73e6	859	7.4	1.07	bb
200801K1_6	2000	1.55	NO	22.46	1.052	5.55e7	2.83e6	2120	6.2	1.05	bb

Dataset: U:\VG11.PROVResults\200601K1\200601K1-CRVB.qld

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Compound name: PCB-14  
 Response Factor: 1.01729  
 RRF SD: 0.0674193, Relative SD: 6.62732  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.49	NO	23.59	0.952	5.81e3	2.53e6	0.225	-9.8	0.917	MM
200601K1_2	1.00	1.55	NO	23.59	0.951	2.68e4	2.70e6	0.977	-2.3	0.994	bb
200601K1_3	2.50	1.59	NO	23.60	0.951	6.61e4	2.71e6	2.40	-4.1	0.975	bd
200601K1_4	50.0	1.57	NO	23.60	0.951	1.35e6	2.56e6	51.9	3.9	1.06	bb
200601K1_5	400	1.55	NO	23.60	0.951	1.19e7	2.70e6	433	8.3	1.10	bb
200601K1_6	1000	1.57	NO	23.60	0.951	2.85e7	2.69e6	1040	4.1	1.06	bb

Compound name: PCB-11  
 Response Factor: 1.12639  
 RRF SD: 0.0395035, Relative SD: 3.50708  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.34	NO	24.81	1.001	7.25e3	2.53e6	0.254	1.7	1.15	MM
200601K1_2	1.00	1.51	NO	24.81	1.001	2.94e4	2.70e6	0.967	-3.3	1.09	MM
200601K1_3	2.50	1.51	NO	24.82	1.001	7.22e4	2.71e6	2.37	-5.3	1.07	db
200601K1_4	50.0	1.57	NO	24.82	1.001	1.46e6	2.56e6	50.8	1.5	1.14	MM
200601K1_5	400	1.56	NO	24.82	1.001	1.26e7	2.70e6	415	3.8	1.17	db
200601K1_6	1000	1.57	NO	24.82	1.001	3.07e7	2.69e6	1020	1.8	1.14	db

Compound name: PCB-12/13  
 Response Factor: 1.02668  
 RRF SD: 0.0663406, Relative SD: 6.46163  
 Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.36	NO	25.18	1.016	1.35e4	2.53e6	0.518	3.7	1.06	MM
200601K1_2	2.00	1.58	NO	25.25	1.016	5.17e4	2.70e6	1.87	-6.7	0.958	MM

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

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Compound name: PCB-12/13

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_3	5.00	1.60	NO	25.20	1.016	1.34e5	2.71e6	4.80	-4.0	0.985	MM
200801K1_4	100	1.54	NO	25.20	1.016	2.71e6	2.56e6	103	3.3	1.06	MM
200801K1_5	800	1.54	NO	25.20	1.016	2.37e7	2.70e6	855	6.9	1.10	MM
200801K1_6	2000	1.56	NO	25.20	1.016	5.78e7	2.69e6	2100	4.8	1.08	MM

Compound name: PCB-15

Response Factor: 1.03482

RRF SD: 0.0605674, Relative SD: 5.85293

Response type: Internal Std ( Ref 173 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.40	NO	25.53	1.030	6.04e3	2.53e6	0.231	-7.8	0.954	MM
200801K1_2	1.00	1.58	NO	25.54	1.030	2.67e4	2.70e6	0.954	-4.6	0.987	MM
200801K1_3	2.50	1.51	NO	25.55	1.030	6.80e4	2.71e6	2.42	-3.1	1.00	MM
200801K1_4	50.0	1.55	NO	25.55	1.030	1.39e6	2.56e6	52.4	4.7	1.06	MM
200801K1_5	400	1.55	NO	25.55	1.030	1.18e7	2.70e6	423	5.8	1.10	MM
200801K1_6	1000	1.55	NO	25.55	1.030	2.92e7	2.69e6	1050	4.9	1.09	MM

Compound name: PCB-19

Response Factor: 1.10626

RRF SD: 0.0710209, Relative SD: 6.41991

Response type: Internal Std ( Ref 174 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.12	NO	23.77	1.001	3.44e3	1.32e6	0.236	-5.6	1.04	MM
200801K1_2	1.00	1.08	NO	23.78	1.001	1.48e4	1.42e6	0.945	-5.5	1.05	bb
200801K1_3	2.50	1.05	NO	23.78	1.001	3.64e4	1.39e6	2.36	-5.7	1.04	MM
200801K1_4	50.0	1.01	NO	23.78	1.001	7.58e5	1.33e6	51.5	3.1	1.14	bb
200801K1_5	400	1.02	NO	23.78	1.001	6.75e6	1.40e6	435	6.8	1.20	bb
200801K1_6	1000	1.02	NO	23.78	1.001	1.61e7	1.39e6	1050	4.9	1.16	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

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Compound name: PCB-30  
 Response Factor: 1.79419  
 RRF SD: 0.128021, Relative SD: 7.1353  
 Response type: Internal Std ( Ref 174 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.15	NO	24.68	1.039	5.58e3	1.32e6	0.238	-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

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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: 4.35861

Response type: Internal Std ( Ref 175 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
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

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Compound name: PCB-34  
 Response Factor: 0.945495  
 RRF SD: 0.0781691, Relative SD: 8.26754  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.14	NO	27.58	0.959	4.74e3	2.38e6	0.211	-15.8	0.797	MM
2	200601K1_2	1.00	1.01	NO	27.58	0.959	2.43e4	2.38e6	1.08	8.0	1.02	bd
3	200601K1_3	2.50	1.02	NO	27.58	0.959	5.47e4	2.33e6	2.48	-0.8	0.939	bd
4	200601K1_4	50.0	1.05	NO	27.58	0.959	1.08e6	2.26e6	50.5	0.9	0.954	bd
5	200601K1_5	400	1.08	NO	27.58	0.959	9.47e6	2.40e6	418	4.4	0.987	bd
6	200601K1_6	1000	1.03	NO	27.58	0.959	2.33e7	2.39e6	1030	3.1	0.975	bd

Compound name: PCB-23  
 Response Factor: 0.882931  
 RRF SD: 0.0420273, Relative SD: 4.75998  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.03	NO	27.67	0.962	5.14e3	2.38e6	0.245	-2.0	0.865	MM
2	200601K1_2	1.00	1.07	NO	27.67	0.962	1.97e4	2.38e6	0.935	-6.5	0.826	db
3	200601K1_3	2.50	1.04	NO	27.67	0.962	4.95e4	2.33e6	2.40	-3.8	0.849	db
4	200601K1_4	50.0	1.05	NO	27.67	0.962	1.05e6	2.26e6	52.8	5.3	0.930	dd
5	200601K1_5	400	1.07	NO	27.67	0.962	8.81e6	2.40e6	416	3.9	0.918	db
6	200601K1_6	1000	1.07	NO	27.67	0.962	2.18e7	2.39e6	1030	3.1	0.910	db

Compound name: PCB-29  
 Response Factor: 0.892811  
 RRF SD: 0.0395517, Relative SD: 4.43002  
 Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.11	NO	27.91	0.971	4.92e3	2.38e6	0.232	-7.2	0.828	MM
2	200601K1_2	1.00	1.12	NO	27.93	0.971	2.20e4	2.38e6	1.03	3.1	0.921	bd

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**Compound name: PCB-29**

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.01	NO	27.93	0.971	5.03e4	2.33e6	2.42	-3.2	0.864	bd
200601K1_4	50.0	1.06	NO	27.93	0.971	1.02e6	2.26e6	50.2	0.5	0.897	dd
200601K1_5	400	1.06	NO	27.93	0.971	8.95e6	2.40e6	418	4.5	0.933	bb
200601K1_6	1000	1.02	NO	27.93	0.971	2.19e7	2.39e6	1020	2.4	0.914	bb

**Compound name: PCB-26**

Response Factor: 0.943921

RRF SD: 0.0501146, Relative SD: 5.3082

Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	28.14	0.979	5.11e3	2.38e6	0.227	-9.0	0.859	MM
200601K1_2	1.00	1.04	NO	28.16	0.979	2.24e4	2.38e6	0.996	-0.4	0.940	dd
200601K1_3	2.50	1.07	NO	28.16	0.979	5.36e4	2.33e6	2.44	-2.4	0.921	dd
200601K1_4	50.0	1.06	NO	28.16	0.979	1.10e6	2.26e6	51.3	2.5	0.968	dd
200601K1_5	400	1.07	NO	28.16	0.979	9.80e6	2.40e6	424	5.9	1.00	bd
200601K1_6	1000	1.04	NO	28.16	0.979	2.34e7	2.39e6	1030	3.4	0.976	bd

**Compound name: PCB-25**

Response Factor: 0.949875

RRF SD: 0.0334033, Relative SD: 3.5166

Response type: Internal Std ( Ref 176 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	ntf	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.13	NO	28.31	0.984	5.29e3	2.38e6	0.234	-6.4	0.889	MM
200601K1_2	1.00	1.09	NO	28.32	0.984	2.23e4	2.38e6	0.985	-1.5	0.935	db
200601K1_3	2.50	1.03	NO	28.32	0.984	5.65e4	2.33e6	2.55	2.1	0.970	db
200601K1_4	50.0	1.08	NO	28.32	0.984	1.08e6	2.26e6	50.4	0.7	0.957	db
200601K1_5	400	1.04	NO	28.32	0.984	9.41e6	2.40e6	413	3.2	0.960	db
200601K1_6	1000	1.04	NO	28.32	0.984	2.32e7	2.39e6	1020	1.9	0.968	db

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Compound name: PCB-31  
 Response Factor: 1.03628  
 RRF SD: 0.032755, Relative SD: 3.16084  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.10	NO	28.68	0.997	6.02e3	2.38e6	0.244	-2.3	1.01	MM
2	200801K1_2	1.00	1.05	NO	28.68	0.997	2.45e4	2.38e6	0.993	-0.7	1.03	bd
3	200801K1_3	2.50	1.03	NO	28.68	0.997	5.91e4	2.33e6	2.45	-2.1	1.01	MM
4	200801K1_4	50.0	1.14	NO	28.68	0.997	1.15e6	2.26e6	48.9	-2.1	1.01	bd
5	200801K1_5	400	1.07	NO	28.68	0.997	1.05e7	2.40e6	423	5.8	1.10	bd
6	200801K1_6	1000	1.02	NO	28.68	0.997	2.52e7	2.39e6	1010	1.4	1.05	bd

Compound name: PCB-28  
 Response Factor: 1.025  
 RRF SD: 0.0755239, Relative SD: 7.36817  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	1.17	NO	28.77	1.001	5.28e3	2.38e6	0.217	-13.3	0.889	MM
2	200801K1_2	1.00	1.04	NO	28.79	1.001	2.41e4	2.38e6	0.984	-1.6	1.01	db
3	200801K1_3	2.50	1.08	NO	28.79	1.001	5.88e4	2.33e6	2.46	-1.5	1.01	db
4	200801K1_4	50.0	1.08	NO	28.79	1.001	1.22e6	2.26e6	52.7	5.5	1.08	db
5	200801K1_5	400	1.08	NO	28.79	1.001	1.04e7	2.40e6	424	6.0	1.09	db
6	200801K1_6	1000	1.02	NO	28.79	1.001	2.57e7	2.39e6	1050	4.9	1.08	db

Compound name: PCB-20/21/33  
 Response Factor: 0.941292  
 RRF SD: 0.0455201, Relative SD: 4.83592  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.750	1.00	NO	29.40	1.023	1.56e4	2.38e6	0.697	-7.1	0.875	MM
2	200801K1_2	3.00	1.08	NO	29.42	1.023	6.54e4	2.38e6	2.91	-2.9	0.914	bb



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Compound name: PCB-20/21/33

Name	Std. Conc.	RA	inj	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	inj	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	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.99	NO	30.50	0.931	5.49e3	2.11e6	0.242	-3.2	1.04	bb
200601K1_2	1.00	0.98	NO	30.50	0.931	2.35e4	2.28e6	0.969	-3.1	1.04	bb
200601K1_3	2.50	1.05	NO	30.50	0.931	5.71e4	2.28e6	2.34	-6.3	1.01	MM
200601K1_4	50.0	1.06	NO	30.52	0.932	1.16e6	2.09e6	51.5	3.1	1.11	bb
200601K1_5	400	1.10	NO	30.52	0.932	9.81e6	2.17e6	421	5.2	1.13	db
200601K1_6	1000	1.05	NO	30.52	0.931	2.55e7	2.27e6	1040	4.3	1.12	db

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**Compound name: PCB-39**

Response Factor: 0.968291

RRF SD: 0.0625968, Relative SD: 6.33405

Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.06	NO	30.99	0.946	4.77e3	2.11e6	0.229	-8.5	0.904	bb
2	200601K1_2	1.00	1.01	NO	30.99	0.946	2.15e4	2.26e6	0.964	-3.6	0.953	MM
3	200601K1_3	2.50	1.06	NO	30.99	0.946	5.36e4	2.26e6	2.40	-4.2	0.947	db
4	200601K1_4	50.0	1.09	NO	31.00	0.947	1.07e6	2.09e6	51.7	3.3	1.02	db
5	200601K1_5	400	1.09	NO	31.00	0.947	9.22e6	2.17e6	431	7.6	1.06	db
6	200601K1_6	1000	1.04	NO	31.00	0.946	2.36e7	2.27e6	1050	5.3	1.04	db

**Compound name: PCB-38**

Response Factor: 1.05188

RRF SD: 0.0528736, Relative SD: 5.00759

Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.13	NO	31.78	0.970	5.42e3	2.11e6	0.244	-2.2	1.03	MM
2	200601K1_2	1.00	1.07	NO	31.78	0.970	2.26e4	2.26e6	0.953	-4.7	1.00	dd
3	200601K1_3	2.50	1.04	NO	31.78	0.970	5.62e4	2.26e6	2.38	-5.5	0.994	dd
4	200601K1_4	50.0	1.09	NO	31.78	0.970	1.12e6	2.09e6	51.0	2.1	1.07	dd
5	200601K1_5	400	1.05	NO	31.78	0.970	9.81e6	2.17e6	430	7.5	1.13	dd
6	200601K1_6	1000	1.03	NO	31.78	0.970	2.45e7	2.27e6	1030	2.8	1.08	dd

**Compound name: PCB-35**

Response Factor: 1.04369

RRF SD: 0.0671055, Relative SD: 6.42963

Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std Conc	RA	n/y	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.95	NO	32.33	0.987	5.10e3	2.11e6	0.232	-7.2	0.968	bb
2	200601K1_2	1.00	1.07	NO	32.33	0.987	2.27e4	2.26e6	0.964	-3.6	1.01	MM

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**Compound name: PCB-35**

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
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

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Compound name: PCB-50  
 Response Factor: 0.879558  
 RRF SD: 0.0380434, Relative SD: 4.3253  
 Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.79	NO	28.83	1.044	3.74e3	1.68e6	0.252	1.0	0.888	MM
200601K1_2	1.00	0.80	NO	28.83	1.044	1.52e4	1.85e6	0.932	-6.8	0.820	bb
200601K1_3	2.50	0.75	NO	28.83	1.044	3.83e4	1.80e6	2.41	-3.4	0.849	bb
200601K1_4	50.0	0.75	NO	28.84	1.044	7.79e5	1.75e6	50.8	1.2	0.890	bb
200601K1_5	400	0.75	NO	28.84	1.044	6.88e6	1.88e6	415	3.8	0.913	bb
200601K1_6	1000	0.76	NO	28.84	1.044	1.72e7	1.88e6	1040	4.3	0.917	bb

Compound name: PCB-53  
 Response Factor: 0.998734  
 RRF SD: 0.0611951, Relative SD: 6.13956  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	29.50	0.944	3.27e3	1.37e6	0.240	-4.0	0.956	MM
200601K1_2	1.00	0.75	NO	29.50	0.943	1.40e4	1.50e6	0.934	-6.8	0.931	MM
200601K1_3	2.50	0.78	NO	29.50	0.943	3.39e4	1.44e6	2.35	-5.8	0.939	bb
200601K1_4	50.0	0.77	NO	29.51	0.944	7.19e5	1.38e6	52.4	4.8	1.04	bb
200601K1_5	400	0.78	NO	29.51	0.944	6.47e6	1.51e6	429	7.3	1.07	bb
200601K1_6	1000	0.78	NO	29.51	0.944	1.80e7	1.54e6	1040	4.3	1.04	bb

Compound name: PCB-51  
 Response Factor: 1.08521  
 RRF SD: 0.0690475, Relative SD: 6.48207  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.77	NO	29.85	0.955	3.29e3	1.37e6	0.226	-9.4	0.965	MM
200601K1_2	1.00	0.81	NO	29.85	0.955	1.58e4	1.50e6	0.978	-2.2	1.04	MM

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**Compound name: PCB-51**

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.79	NO	29.85	0.955	3.69e4	1.44e6	2.40	-4.1	1.02	bb
200601K1_4	50.0	0.77	NO	29.85	0.955	7.80e5	1.38e6	53.2	6.4	1.13	bb
200601K1_5	400	0.76	NO	29.85	0.955	6.92e6	1.51e6	430	7.4	1.14	bb
200601K1_6	1000	0.78	NO	29.85	0.955	1.87e7	1.54e6	1020	2.0	1.09	bb

**Compound name: PCB-45**

Response Factor: 0.858411

RRF SD: 0.0476675, Relative SD: 5.55299

Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	30.30	0.970	2.69e3	1.37e6	0.229	-8.4	0.766	MM
200601K1_2	1.00	0.77	NO	30.30	0.969	1.23e4	1.50e6	0.954	-4.6	0.819	bb
200601K1_3	2.50	0.80	NO	30.30	0.969	3.11e4	1.44e6	2.51	0.3	0.861	bb
200601K1_4	50.0	0.77	NO	30.30	0.969	6.21e5	1.38e6	52.5	5.1	0.902	bb
200601K1_5	400	0.79	NO	30.30	0.969	5.49e6	1.51e6	423	5.8	0.908	bb
200601K1_6	1000	0.79	NO	30.30	0.969	1.34e7	1.54e6	1020	1.9	0.874	bb

**Compound name: PCB-46**

Response Factor: 0.830725

RRF SD: 0.0416585, Relative SD: 5.01471

Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	30.80	0.986	2.61e3	1.37e6	0.230	-8.0	0.765	MM
200601K1_2	1.00	0.77	NO	30.80	0.985	1.25e4	1.50e6	1.00	0.4	0.834	bb
200601K1_3	2.50	0.75	NO	30.80	0.985	2.68e4	1.44e6	2.40	-3.9	0.798	bb
200601K1_4	50.0	0.77	NO	30.80	0.985	5.95e5	1.38e6	52.0	4.1	0.865	bb
200601K1_5	400	0.75	NO	30.80	0.985	5.26e6	1.51e6	419	4.8	0.870	bb
200601K1_6	1000	0.78	NO	30.80	0.985	1.31e7	1.54e6	1030	2.7	0.853	bb

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Compound name: PCB-52/69  
 Response Factor: 1.18655  
 RRF SD: 0.0541044, Relative SD: 4.63798  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.500	0.86	NO	31.28	1.001	7.66e3	1.37e6	0.481	-3.8	1.12	MM
2	200801K1_2	2.00	0.79	NO	31.30	1.001	3.38e4	1.50e6	1.93	-3.4	1.13	bd
3	200801K1_3	5.00	0.79	NO	31.30	1.001	7.99e4	1.44e6	4.74	-5.2	1.11	bd
4	200801K1_4	100	0.76	NO	31.30	1.001	1.67e6	1.38e6	104	3.9	1.21	bd
5	200801K1_5	800	0.77	NO	31.30	1.001	1.49e7	1.51e6	845	5.6	1.23	bd
6	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
1	200801K1_1	0.250	0.70	NO	31.41	1.005	4.29e3	1.37e6	0.218	-12.9	1.26	dd
2	200801K1_2	1.00	0.73	NO	31.41	1.005	2.10e4	1.50e6	0.971	-2.9	1.40	dd
3	200801K1_3	2.50	0.77	NO	31.41	1.005	4.90e4	1.44e6	2.35	-5.9	1.36	dd
4	200801K1_4	50.0	0.79	NO	31.41	1.005	1.06e6	1.38e6	53.5	7.0	1.54	dd
5	200801K1_5	400	0.77	NO	31.41	1.005	9.42e6	1.51e6	432	8.0	1.56	dd
6	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
1	200801K1_1	0.500	0.86	NO	31.56	1.011	6.71e3	1.37e6	0.483	-3.3	0.982	db
2	200801K1_2	2.00	0.78	NO	31.58	1.010	2.91e4	1.50e6	1.91	-4.4	0.972	dd

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Compound name: PCB-43/49

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	31.58	1.010	6.88e4	1.44e6	4.69	-6.2	0.953	dd
200601K1_4	100	0.77	NO	31.80	1.011	1.47e6	1.38e6	105	5.1	1.07	dd
200601K1_5	800	0.77	NO	31.58	1.010	1.28e7	1.51e6	835	4.4	1.06	dd
200601K1_6	2000	0.77	NO	31.58	1.010	3.26e7	1.54e6	2090	4.4	1.06	dd

Compound name: PCB-47

Response Factor: 0.92191

RRF SD: 0.0589335, Relative SD: 6.39255

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.70	NO	31.78	1.001	3.20e3	1.44e6	0.241	-3.4	0.891	bd
200601K1_2	1.00	0.76	NO	31.80	1.001	1.48e4	1.59e6	1.00	0.4	0.928	dd
200601K1_3	2.50	0.79	NO	31.80	1.001	3.29e4	1.53e6	2.33	-6.7	0.880	dd
200601K1_4	50.0	0.77	NO	31.80	1.001	7.69e5	1.49e6	56.0	11.9	1.03	dd
200601K1_5	400	0.76	NO	31.80	1.001	5.90e6	1.80e6	400	-0.1	0.921	dd
200601K1_6	1000	0.76	NO	31.80	1.001	1.50e7	1.66e6	979	-2.1	0.902	dd

Compound name: PCB-48/75

Response Factor: 1.12021

RRF SD: 0.0667822, Relative SD: 5.96157

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	0.75	NO	31.90	1.004	7.31e3	1.44e6	0.454	-9.3	1.02	db
200601K1_2	2.00	0.76	NO	31.92	1.005	3.52e4	1.59e6	1.97	-1.5	1.10	db
200601K1_3	5.00	0.79	NO	31.92	1.004	8.41e4	1.53e6	4.91	-1.9	1.10	db
200601K1_4	100	0.77	NO	31.92	1.004	1.66e6	1.49e6	99.7	-0.3	1.12	db
200601K1_5	800	0.78	NO	31.92	1.004	1.54e7	1.60e6	859	7.4	1.20	db
200601K1_6	2000	0.76	NO	31.92	1.004	3.92e7	1.68e6	2110	5.8	1.18	db

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Compound name: PCB-85  
 Response Factor: 1.28219  
 RRF SD: 0.0574331, Relative SD: 4.47931  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.18	1.013	4.34e3	1.44e6	0.236	-5.8	1.21	bd
2	200801K1_2	1.00	0.85	NO	32.19	1.013	1.96e4	1.59e6	0.959	-4.1	1.23	bd
3	200801K1_3	2.50	0.71	NO	32.19	1.013	4.83e4	1.53e6	2.47	-1.4	1.28	bd
4	200801K1_4	50.0	0.76	NO	32.19	1.013	9.93e5	1.49e6	52.0	4.0	1.33	bd
5	200801K1_5	400	0.77	NO	32.19	1.013	8.65e6	1.60e6	421	5.4	1.35	bd
6	200801K1_6	1000	0.77	NO	32.19	1.013	2.17e7	1.68e6	1020	2.0	1.31	bd

Compound name: PCB-82  
 Response Factor: 1.12765  
 RRF SD: 0.0353947, Relative SD: 3.13879  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.72	NO	32.29	1.016	4.14e3	1.44e6	0.255	2.1	1.15	db
2	200801K1_2	1.00	0.70	NO	32.29	1.016	1.80e4	1.59e6	0.999	-0.1	1.13	dd
3	200801K1_3	2.50	0.79	NO	32.29	1.016	4.05e4	1.53e6	2.35	-6.1	1.06	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



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**Compound name: PCB-44**

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_3	2.50	0.75	NO	32.62	1.026	3.09e4	1.53e6	2.45	-1.9	0.806	dd
200601K1_4	50.0	0.79	NO	32.62	1.026	6.30e5	1.49e6	51.3	2.6	0.845	MM
200601K1_5	400	0.77	NO	32.62	1.026	5.51e6	1.60e6	418	4.4	0.860	db
200601K1_6	1000	0.77	NO	32.62	1.026	1.37e7	1.66e6	1000	0.2	0.826	db

**Compound name: PCB-42/59**

Response Factor: 1.04973

RRF SD: 0.0493426, Relative SD: 4.70053

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	0.76	NO	32.85	1.034	7.25e3	1.44e6	0.481	-3.9	1.01	bb
200601K1_2	2.00	0.81	NO	32.85	1.034	3.17e4	1.59e6	1.89	-5.4	0.994	db
200601K1_3	5.00	0.78	NO	32.85	1.033	7.78e4	1.53e6	4.85	-3.0	1.02	db
200601K1_4	100	0.78	NO	32.85	1.033	1.60e6	1.49e6	103	2.8	1.08	MM
200601K1_5	800	0.78	NO	32.85	1.033	1.43e7	1.60e6	850	6.2	1.12	bb
200601K1_6	2000	0.78	NO	32.85	1.033	3.60e7	1.66e6	2070	3.5	1.09	bb

**Compound name: PCB-41/64/71/72**

Response Factor: 1.18742

RRF SD: 0.0661253, Relative SD: 5.56883

Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	1.00	0.74	NO	33.46	1.053	1.80e4	1.44e6	0.939	-6.1	1.12	MM
200601K1_2	4.00	0.74	NO	33.46	1.053	7.29e4	1.59e6	3.85	-3.7	1.14	bb
200601K1_3	10.0	0.78	NO	33.46	1.053	1.74e5	1.53e6	9.57	-4.3	1.14	MM
200601K1_4	200	0.79	NO	33.46	1.053	3.62e6	1.49e6	205	2.3	1.22	bb
200601K1_5	1800	0.77	NO	33.46	1.053	3.29e7	1.60e6	1730	8.2	1.29	bb
200601K1_6	4000	0.77	NO	33.46	1.053	8.18e7	1.66e6	4140	3.5	1.23	bb

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Compound name: PCB-68  
 Response Factor: 1.27785  
 RRF SD: 0.0478803, Relative SD: 3.74694  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.75	NO	33.72	1.061	4.51e3	1.44e6	0.245	-1.9	1.25	bb
200601K1_2	1.00	0.75	NO	33.72	1.061	1.97e4	1.59e6	0.969	-3.1	1.24	bb
200601K1_3	2.50	0.77	NO	33.72	1.061	4.67e4	1.53e6	2.39	-4.4	1.22	MM
200601K1_4	50.0	0.76	NO	33.72	1.061	9.69e5	1.49e6	50.9	1.8	1.30	bd
200601K1_5	400	0.77	NO	33.72	1.061	8.63e6	1.60e6	422	5.5	1.35	bd
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
200601K1_1	0.250	0.71	NO	33.94	1.069	2.03e3	1.44e6	0.235	-6.2	0.565	bb
200601K1_2	1.00	0.74	NO	33.94	1.069	9.28e3	1.59e6	0.967	-3.3	0.562	MM
200601K1_3	2.50	0.77	NO	33.94	1.068	2.17e4	1.53e6	2.36	-5.7	0.566	db
200601K1_4	50.0	0.77	NO	33.94	1.068	4.64e5	1.49e6	51.7	3.3	0.622	db
200601K1_5	400	0.77	NO	33.94	1.068	4.12e6	1.60e6	426	7.0	0.644	db
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
200601K1_1	0.250	0.79	NO	34.30	0.969	4.64e3	1.70e6	0.234	-6.4	1.09	bb
200601K1_2	1.00	0.74	NO	34.32	0.969	2.02e4	1.84e6	0.946	-5.4	1.10	bb

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Compound name: PCB-57

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.74	NO	34.32	0.969	5.14e4	1.79e6	2.46	-1.4	1.15	MM
200601K1_4	50.0	0.77	NO	34.32	0.969	1.04e6	1.73e6	51.4	2.8	1.20	bb
200601K1_5	400	0.79	NO	34.32	0.969	9.05e6	1.84e6	423	5.8	1.23	bb
200601K1_6	1000	0.76	NO	34.32	0.969	2.31e7	1.90e6	1050	4.6	1.22	bb

Compound name: PCB-67

Response Factor: 1.0841

RRF SD: 0.0420751, Relative SD: 3.8811

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.86	NO	34.63	0.978	4.35e3	1.70e6	0.235	-5.8	1.02	bd
200601K1_2	1.00	0.75	NO	34.63	0.978	1.95e4	1.84e6	0.979	-2.1	1.06	bd
200601K1_3	2.50	0.78	NO	34.63	0.978	4.82e4	1.79e6	2.48	-0.9	1.07	bd
200601K1_4	50.0	0.75	NO	34.63	0.978	9.48e5	1.73e6	50.4	0.9	1.09	bd
200601K1_5	400	0.76	NO	34.63	0.978	8.40e6	1.84e6	422	5.4	1.14	bd
200601K1_6	1000	0.78	NO	34.63	0.978	2.11e7	1.90e6	1020	2.5	1.11	bd

Compound name: PCB-58

Response Factor: 1.20403

RRF SD: 0.0834546, Relative SD: 6.93126

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.80	NO	34.74	0.982	4.98e3	1.70e6	0.243	-2.8	1.17	dd
200601K1_2	1.00	0.80	NO	34.74	0.981	2.02e4	1.84e6	0.910	-9.0	1.10	dd
200601K1_3	2.50	0.78	NO	34.76	0.982	5.08e4	1.79e6	2.35	-5.9	1.13	dd
200601K1_4	50.0	0.75	NO	34.76	0.982	1.09e6	1.73e6	52.1	4.1	1.25	dd
200601K1_5	400	0.78	NO	34.76	0.982	9.62e6	1.84e6	435	8.7	1.31	dd
200601K1_6	1000	0.78	NO	34.76	0.982	2.40e7	1.90e6	1050	5.0	1.26	dd

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Compound name: PCB-63  
 Response Factor: 1.07187  
 RRF SD: 0.049724, Relative SD: 4.639  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
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

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**Compound name: PCB-61/70**

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	5.00	0.78	NO	35.34	0.998	9.20e4	1.79e6	4.86	-2.7	1.03	MM
200601K1_4	100	0.78	NO	35.43	1.000	1.90e6	1.73e6	104	3.9	1.10	MM
200601K1_5	800	0.78	NO	35.43	1.000	1.67e7	1.84e6	859	7.4	1.13	MM
200601K1_6	2000	0.78	NO	35.43	1.000	4.18e7	1.90e6	2080	4.2	1.10	MM

**Compound name: PCB-76/86**

Response Factor: 1.16443

RRF SD: 0.0785507, Relative SD: 6.5741

Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	0.78	NO	35.62	1.006	9.04e3	1.70e6	0.456	-8.9	1.06	MM
200601K1_2	2.00	0.75	NO	35.58	1.005	4.11e4	1.84e6	1.92	-4.0	1.12	dd
200601K1_3	5.00	0.78	NO	35.60	1.005	9.65e4	1.79e6	4.72	-5.7	1.10	MM
200601K1_4	100	0.78	NO	35.60	1.005	2.09e6	1.73e6	104	3.8	1.21	dd
200601K1_5	800	0.77	NO	35.64	1.006	1.65e7	1.84e6	862	7.7	1.25	dd
200601K1_6	2000	0.78	NO	35.64	1.006	4.89e7	1.90e6	2120	5.9	1.23	dd

**Compound name: PCB-80**

Response Factor: 1.18682

RRF SD: 0.0586291, Relative SD: 4.94003

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.83	NO	35.86	1.000	4.91e3	1.75e6	0.236	-5.5	1.12	MM
200601K1_2	1.00	0.77	NO	35.86	1.000	2.09e4	1.87e6	0.941	-5.9	1.12	db
200601K1_3	2.50	0.78	NO	35.86	1.000	5.45e4	1.86e6	2.47	-1.2	1.17	MM
200601K1_4	50.0	0.78	NO	35.86	1.000	1.10e6	1.79e6	51.5	3.1	1.22	db
200601K1_5	400	0.78	NO	35.86	1.000	9.53e6	1.90e6	422	5.5	1.25	db
200601K1_6	1000	0.78	NO	35.86	1.000	2.45e7	1.99e6	1040	4.0	1.23	dd

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**Compound name: PCB-55**

Response Factor: 1.16899

RRF SD: 0.0699531, Relative SD: 5.98407

Response type: Internal Std ( Ref 182 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std Conc	RA	dy	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	dy	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	dy	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.250	0.80	NO	37.80	1.054	4.62e3	1.75e6	0.232	-7.2	1.06	MM
2	200601K1_2	1.00	0.87	NO	37.80	1.054	2.03e4	1.87e6	0.950	-5.0	1.08	MM

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Compound name: PCB-79

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.80	NO	37.80	1.054	5.06e4	1.86e6	2.39	-4.3	1.09	MM
200601K1_4	50.0	0.77	NO	37.80	1.054	1.06e6	1.79e6	51.8	3.6	1.18	bb
200601K1_5	400	0.77	NO	37.81	1.055	9.30e6	1.90e6	430	7.4	1.22	bb
200601K1_6	1000	0.77	NO	37.81	1.055	2.39e7	1.99e6	1060	5.6	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

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**Compound name: PCB-77**

Response Factor: 1.13899

RRF SD: 0.0451791, Relative SD: 3.97357

Response type: Internal Std ( Ref 184 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	0.83	NO	39.67	1.000	4.37e3	1.59e6	0.241	-3.5	1.10	MM
200801K1_2	1.00	0.80	NO	39.67	1.000	1.89e4	1.71e6	0.972	-2.8	1.11	MM
200801K1_3	2.50	0.80	NO	39.67	1.000	4.78e4	1.75e6	2.40	-4.0	1.09	MM
200801K1_4	50.0	0.77	NO	39.67	1.000	1.00e6	1.69e6	52.1	4.2	1.18	MM
200801K1_5	400	0.77	NO	39.67	1.000	8.76e6	1.84e6	420	5.0	1.19	MM
200801K1_6	1000	0.78	NO	39.67	1.000	2.23e7	1.94e6	1010	1.1	1.15	MM

**Compound name: PCB-104**

Response Factor: 1.12208

RRF SD: 0.11916, Relative SD: 10.6196

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.37	NO	32.47	1.001	2.59e3	1.12e6	0.206	-17.7	0.924	MM
200801K1_2	1.00	1.55	NO	32.47	1.001	1.33e4	1.28e6	0.942	-5.8	1.06	bb
200801K1_3	2.50	1.52	NO	32.47	1.001	3.30e4	1.20e6	2.48	-1.8	1.10	bb
200801K1_4	50.0	1.57	NO	32.47	1.001	7.02e5	1.17e6	53.2	6.5	1.19	bb
200801K1_5	400	1.55	NO	32.47	1.001	6.29e6	1.28e6	437	9.3	1.23	bb
200801K1_6	1000	1.56	NO	32.47	1.001	1.57e7	1.28e6	1090	9.3	1.23	bb

**Compound name: PCB-96**

Response Factor: 1.15383

RRF SD: 0.0979018, Relative SD: 8.48491

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.77	NO	33.76	1.041	2.64e3	1.12e6	0.220	-12.2	1.01	MM
200801K1_2	1.00	1.54	NO	33.78	1.041	1.35e4	1.28e6	0.932	-6.8	1.08	bb



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**Compound name: PCB-96**

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.49	NO	33.78	1.041	3.37e4	1.20e6	2.45	-2.2	1.13	bb
200601K1_4	50.0	1.58	NO	33.78	1.041	7.07e5	1.17e6	52.2	4.3	1.20	bb
200601K1_5	400	1.57	NO	33.78	1.041	6.41e6	1.28e6	434	8.4	1.25	bb
200601K1_6	1000	1.57	NO	33.78	1.041	1.80e7	1.28e6	1080	8.4	1.25	bb

**Compound name: PCB-103**

Response Factor: 0.936494

RRF SD: 0.0702306, Relative SD: 7.49931

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.66	NO	34.33	1.059	2.72e3	1.12e6	0.259	3.5	0.969	MM
200601K1_2	1.00	1.75	NO	34.33	1.058	1.06e4	1.26e6	0.898	-10.2	0.841	MM
200601K1_3	2.50	1.71	NO	34.33	1.058	2.57e4	1.20e6	2.30	-8.0	0.862	bb
200601K1_4	50.0	1.56	NO	34.33	1.058	5.53e5	1.17e6	50.3	0.8	0.942	bb
200601K1_5	400	1.58	NO	34.33	1.058	5.08e6	1.28e6	423	5.7	0.990	bb
200601K1_6	1000	1.55	NO	34.33	1.058	1.30e7	1.28e6	1080	6.3	1.01	bb

**Compound name: PCB-100**

Response Factor: 0.953574

RRF SD: 0.0599585, Relative SD: 6.28777

Response type: Internal Std ( Ref 185 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	34.69	1.069	2.84e3	1.12e6	0.247	-1.3	0.941	bb
200601K1_2	1.00	1.46	NO	34.69	1.069	1.09e4	1.28e6	0.913	-8.7	0.870	MM
200601K1_3	2.50	1.72	NO	34.71	1.069	2.72e4	1.20e6	2.38	-4.7	0.908	bb
200601K1_4	50.0	1.58	NO	34.71	1.069	5.86e5	1.17e6	50.5	1.0	0.963	bb
200601K1_5	400	1.57	NO	34.71	1.069	5.18e6	1.28e6	422	5.5	1.01	bb
200601K1_6	1000	1.55	NO	34.71	1.069	1.32e7	1.28e6	1080	6.2	1.03	bb

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**Compound name: PCB-94**

Response Factor: 0.948862

RRF SD: 0.0587427, Relative SD: 6.19086

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.87	NO	35.17	0.985	2.16e3	8.86e5	0.257	2.8	0.975	MM
2	200601K1_2	1.00	1.51	NO	35.19	0.985	8.32e3	9.63e5	0.910	-9.0	0.863	bb
3	200601K1_3	2.50	1.49	NO	35.19	0.985	2.12e4	9.53e5	2.35	-6.1	0.891	bb
4	200601K1_4	50.0	1.57	NO	35.19	0.985	4.48e5	9.36e5	50.5	0.9	0.958	bb
5	200601K1_5	400	1.57	NO	35.19	0.985	4.07e6	1.01e6	424	6.0	1.01	bb
6	200601K1_6	1000	1.57	NO	35.19	0.985	1.05e7	1.05e6	1050	5.4	1.00	bb

**Compound name: PCB-95/98/102**

Response Factor: 1.20445

RRF SD: 0.061353, Relative SD: 5.09384

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.750	1.52	NO	35.66	0.998	7.52e3	8.86e5	0.704	-6.1	1.13	MM
2	200601K1_2	3.00	1.52	NO	35.67	0.999	3.47e4	9.63e5	2.99	-0.3	1.20	bd
3	200601K1_3	7.50	1.61	NO	35.67	0.999	8.12e4	9.53e5	7.08	-5.6	1.14	dd
4	200601K1_4	150	1.57	NO	35.67	0.998	1.72e6	9.36e5	152	1.5	1.22	bd
5	200601K1_5	1200	1.56	NO	35.67	0.998	1.56e7	1.01e6	1260	6.5	1.28	bd
6	200601K1_6	3000	1.57	NO	35.67	0.998	3.94e7	1.05e6	3120	4.0	1.25	bd

**Compound name: PCB-83**

Response Factor: 0.935009

RRF SD: 0.088569, Relative SD: 9.47253

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.42	NO	35.82	1.003	1.78e3	8.86e5	0.215	-14.0	0.805	MM
2	200601K1_2	1.00	1.59	NO	35.81	1.003	8.62e3	9.63e5	0.957	-4.3	0.895	dd

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Compound name: PCB-83

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.70	NO	35.81	1.003	2.10e4	9.53e5	2.36	-5.5	0.884	dd
200801K1_4	50.0	1.83	NO	35.81	1.002	4.57e5	9.36e5	52.3	4.5	0.977	db
200801K1_5	400	1.80	NO	35.82	1.003	4.17e6	1.01e6	441	10.3	1.03	db
200801K1_6	1000	1.59	NO	35.82	1.003	1.07e7	1.05e6	1090	8.9	1.02	db

Compound name: PCB-88/91

Response Factor: 1.06482

RRF SD: 0.0420968, Relative SD: 3.95341

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.77	NO	36.14	1.012	4.58e3	8.86e5	0.485	-3.0	1.03	dd
200801K1_2	2.00	1.52	NO	36.14	1.012	2.02e4	9.63e5	1.97	-1.5	1.05	MM
200801K1_3	5.00	1.53	NO	36.14	1.012	4.83e4	9.53e5	4.76	-4.8	1.01	dd
200801K1_4	100	1.56	NO	36.16	1.012	9.97e5	9.36e5	100	0.0	1.07	MM
200801K1_5	800	1.55	NO	36.16	1.012	9.06e6	1.01e6	842	5.2	1.12	bd
200801K1_6	2000	1.56	NO	36.16	1.012	2.32e7	1.05e6	2080	4.0	1.11	bd

Compound name: PCB-121

Response Factor: 1.70958

RRF SD: 0.131372, Relative SD: 7.68456

Response type: Internal Std ( Ref 186 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.84	NO	36.23	1.015	4.15e3	8.86e5	0.274	9.5	1.87	db
200801K1_2	1.00	1.86	NO	36.23	1.015	1.50e4	9.63e5	0.910	-9.0	1.56	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

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Compound name: PCB-84/92

Response Factor: 1.01774

RRF SD: 0.0662787, Relative SD: 6.51234

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.74	NO	37.09	0.990	3.96e3	8.58e5	0.454	-9.1	0.925	MM
200601K1_2	2.00	1.51	NO	37.09	0.990	1.83e4	9.58e5	1.88	-8.1	0.958	bd
200601K1_3	5.00	1.58	NO	37.09	0.990	4.76e4	9.39e5	4.98	-0.3	1.01	bd
200601K1_4	100	1.57	NO	37.09	0.990	9.53e5	9.13e5	102	2.5	1.04	bd
200601K1_5	800	1.57	NO	37.09	0.990	8.79e6	1.01e6	858	7.2	1.09	bd
200601K1_6	2000	1.58	NO	37.09	0.990	2.23e7	1.04e6	2120	5.8	1.08	bd

Compound name: PCB-89

Response Factor: 1.1051

RRF SD: 0.0694328, Relative SD: 6.28293

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.77	NO	37.28	0.995	2.45e3	8.58e5	0.259	3.5	1.14	MM
200601K1_2	1.00	1.58	NO	37.28	0.995	9.36e3	9.58e5	0.885	-11.5	0.978	dd
200601K1_3	2.50	1.58	NO	37.29	0.998	2.53e4	9.39e5	2.44	-2.5	1.08	dd
200601K1_4	50.0	1.54	NO	37.29	0.998	5.14e5	9.13e5	50.9	1.9	1.13	dd
200601K1_5	400	1.57	NO	37.29	0.998	4.71e6	1.01e6	424	5.9	1.17	dd
200601K1_6	1000	1.58	NO	37.29	0.998	1.18e7	1.04e6	1030	2.7	1.13	dd

Compound name: PCB-90/101

Response Factor: 1.12263

RRF SD: 0.0479543, Relative SD: 4.27159

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.57	NO	37.46	1.000	4.62e3	8.58e5	0.481	-3.8	1.08	db
200601K1_2	2.00	1.58	NO	37.46	1.000	2.07e4	9.58e5	1.93	-3.7	1.08	dd

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Compound name: PCB-90/101

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.66	NO	37.48	1.000	5.09e4	9.39e5	4.83	-3.4	1.08	dd
200601K1_4	100	1.58	NO	37.48	1.000	1.04e6	9.13e5	101	1.5	1.14	dd
200601K1_5	800	1.58	NO	37.48	1.000	9.62e6	1.01e6	851	6.4	1.19	dd
200601K1_6	2000	1.58	NO	37.48	1.000	2.40e7	1.04e6	2060	3.0	1.16	dd

Compound name: PCB-113

Response Factor: 1.51404

RRF SD: 0.104163, Relative SD: 6.87979

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	37.72	1.007	2.80e3	8.56e5	0.216	-13.7	1.31	MM
200601K1_2	1.00	1.48	NO	37.72	1.007	1.47e4	9.58e5	1.02	1.5	1.54	dd
200601K1_3	2.50	1.59	NO	37.72	1.007	3.61e4	9.39e5	2.54	1.5	1.54	dd
200601K1_4	50.0	1.57	NO	37.72	1.007	7.07e5	9.13e5	51.1	2.2	1.55	dd
200601K1_5	400	1.57	NO	37.72	1.007	6.45e6	1.01e6	423	5.8	1.60	dd
200601K1_6	1000	1.57	NO	37.72	1.007	1.61e7	1.04e6	1030	2.6	1.55	dd

Compound name: PCB-99

Response Factor: 1.32101

RRF SD: 0.111661, Relative SD: 8.45271

Response type: Internal Std ( Ref 187 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.51	NO	37.81	1.009	3.12e3	8.56e5	0.276	10.3	1.46	MM
200601K1_2	1.00	1.53	NO	37.81	1.009	1.15e4	9.58e5	0.907	-9.3	1.20	db
200601K1_3	2.50	1.66	NO	37.81	1.009	2.78e4	9.39e5	2.24	-10.5	1.18	db
200601K1_4	50.0	1.62	NO	37.81	1.009	6.00e5	9.13e5	49.7	-0.5	1.31	db
200601K1_5	400	1.60	NO	37.83	1.010	5.65e6	1.01e6	425	6.2	1.40	db
200601K1_6	1000	1.57	NO	37.83	1.010	1.42e7	1.04e6	1040	3.8	1.37	db

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Compound name: PCB-119

Response Factor: 1.80526

RRF SD: 0.0967589, Relative SD: 5.35982

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.64	NO	38.30	0.987	3.62e3	7.55e5	0.265	6.1	1.92	bd
200601K1_2	1.00	1.55	NO	38.30	0.987	1.42e4	8.31e5	0.948	-5.2	1.71	dd
200601K1_3	2.50	1.50	NO	38.30	0.987	3.42e4	8.21e5	2.31	-7.7	1.67	bd
200601K1_4	50.0	1.57	NO	38.30	0.987	7.20e5	7.95e5	50.2	0.4	1.81	bd
200601K1_5	400	1.55	NO	38.30	0.987	6.73e6	9.02e5	413	3.3	1.87	bd
200601K1_6	1000	1.56	NO	38.30	0.987	1.70e7	9.13e5	1030	3.1	1.86	bd

Compound name: PCB-108/112

Response Factor: 1.44497

RRF SD: 0.091955, Relative SD: 6.36379

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.61	NO	38.45	0.991	5.26e3	7.55e5	0.482	-3.6	1.39	dd
200601K1_2	2.00	1.50	NO	38.45	0.991	2.21e4	8.31e5	1.84	-7.9	1.33	dd
200601K1_3	5.00	1.57	NO	38.45	0.991	5.62e4	8.21e5	4.74	-5.3	1.37	dd
200601K1_4	100	1.57	NO	38.47	0.991	1.19e6	7.95e5	104	3.8	1.50	dd
200601K1_5	800	1.56	NO	38.47	0.991	1.11e7	9.02e5	851	6.4	1.54	dd
200601K1_6	2000	1.57	NO	38.47	0.991	2.81e7	9.13e5	2130	6.6	1.54	dd

Compound name: PCB-83

Response Factor: 1.83179

RRF SD: 0.0986786, Relative SD: 5.387

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.60	NO	38.61	0.995	3.44e3	7.55e5	0.249	-0.4	1.82	dd
200601K1_2	1.00	1.63	NO	38.61	0.995	1.41e4	8.31e5	0.929	-7.1	1.70	dd

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Compound name: PCB-83

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_3	2.50	1.52	NO	38.61	0.995	3.54e4	8.21e5	2.38	-5.8	1.73	dd
200601K1_4	50.0	1.59	NO	38.63	0.998	7.53e5	7.95e5	51.7	3.4	1.89	dd
200601K1_5	400	1.57	NO	38.63	0.998	8.96e6	9.02e5	421	5.3	1.93	dd
200601K1_6	1000	1.57	NO	38.63	0.998	1.75e7	9.13e5	1050	4.6	1.92	dd

Compound name: PCB-87

Response Factor: 1.28197

RRF SD: 0.0538988, Relative SD: 4.20437

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.36	NO	38.82	1.000	2.35e3	7.55e5	0.243	-2.9	1.25	MM
200601K1_2	1.00	1.42	NO	38.82	1.000	1.01e4	8.31e5	0.949	-5.1	1.22	dd
200601K1_3	2.50	1.48	NO	38.84	1.001	2.56e4	8.21e5	2.43	-2.8	1.25	dd
200601K1_4	50.0	1.58	NO	38.84	1.001	5.17e5	7.95e5	50.7	1.4	1.30	dd
200601K1_5	400	1.58	NO	38.84	1.001	4.86e6	9.02e5	420	5.0	1.35	dd
200601K1_6	1000	1.58	NO	38.84	1.001	1.22e7	9.13e5	1040	4.4	1.34	dd

Compound name: PCB-88

Response Factor: 1.11715

RRF SD: 0.0744773, Relative SD: 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

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Compound name: PCB-87/117/125

Response Factor: 1.55887

RRF SD: 0.10978, Relative SD: 7.04225

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
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



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Compound name: PCB-85/116

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.54	NO	39.40	1.015	5.42e4	8.21e5	4.68	-6.4	1.32	dd
200601K1_4	100	1.58	NO	39.40	1.015	1.15e6	7.95e5	102	2.3	1.44	db
200601K1_5	800	1.58	NO	39.40	1.015	1.07e7	9.02e5	842	5.2	1.48	db
200601K1_6	2000	1.60	NO	39.40	1.015	2.71e7	9.13e5	2100	5.2	1.48	db

Compound name: PCB-120

Response Factor: 2.00504

RRF SD: 0.113682, Relative SD: 5.66984

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	39.84	1.022	3.56e3	7.55e5	0.235	-6.0	1.88	bd
200601K1_2	1.00	1.56	NO	39.66	1.022	1.80e4	8.31e5	0.959	-4.1	1.92	dd
200601K1_3	2.50	1.56	NO	39.66	1.022	3.91e4	8.21e5	2.37	-5.1	1.90	dd
200601K1_4	50.0	1.56	NO	39.66	1.022	8.25e5	7.95e5	51.8	3.5	2.08	bd
200601K1_5	400	1.59	NO	39.66	1.022	7.83e6	9.02e5	422	5.4	2.11	bd
200601K1_6	1000	1.56	NO	39.66	1.022	1.95e7	9.13e5	1060	6.3	2.13	bd

Compound name: PCB-110

Response Factor: 1.74266

RRF SD: 0.0926364, Relative SD: 5.3158

Response type: Internal Std ( Ref 188 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nlv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.62	NO	39.79	1.025	3.10e3	7.55e5	0.235	-5.9	1.84	db
200601K1_2	1.00	1.56	NO	39.81	1.026	1.38e4	8.31e5	0.954	-4.8	1.86	MM
200601K1_3	2.50	1.56	NO	39.81	1.026	3.44e4	8.21e5	2.40	-3.9	1.87	db
200601K1_4	50.0	1.58	NO	39.81	1.026	7.19e5	7.95e5	51.9	3.8	1.81	db
200601K1_5	400	1.58	NO	39.81	1.026	6.65e6	9.02e5	423	5.7	1.84	db
200601K1_6	1000	1.58	NO	39.81	1.026	1.67e7	9.13e5	1050	4.8	1.83	db

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Compound name: PCB-82  
 Response Factor: 0.781273  
 RRF SD: 0.0477185, Relative SD: 6.10778  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.38	NO	40.44	0.976	1.88e3	1.02e6	0.237	-5.4	0.739	MM
200601K1_2	1.00	1.79	NO	40.44	0.976	8.26e3	1.11e6	0.956	-4.4	0.747	MM
200601K1_3	2.50	1.57	NO	40.44	0.976	2.04e4	1.12e6	2.34	-6.5	0.731	dd
200601K1_4	50.0	1.57	NO	40.46	0.976	4.35e5	1.07e6	52.1	4.3	0.815	bb
200601K1_5	400	1.56	NO	40.46	0.976	3.98e6	1.18e6	431	7.8	0.842	bb
200601K1_6	1000	1.55	NO	40.46	0.976	1.00e7	1.23e6	1040	4.1	0.814	bb

Compound name: PCB-124  
 Response Factor: 1.39686  
 RRF SD: 0.11391, Relative SD: 8.15474  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.51	NO	41.15	0.993	3.66e3	1.02e6	0.257	2.9	1.44	MM
200601K1_2	1.00	1.81	NO	41.15	0.993	1.33e4	1.11e6	0.864	-13.6	1.21	bd
200601K1_3	2.50	1.49	NO	41.15	0.993	3.66e4	1.12e6	2.35	-6.1	1.31	bd
200601K1_4	50.0	1.57	NO	41.16	0.993	7.76e5	1.07e6	52.0	4.0	1.45	bd
200601K1_5	400	1.57	NO	41.16	0.993	7.10e6	1.18e6	431	7.7	1.50	bd
200601K1_6	1000	1.56	NO	41.16	0.993	1.81e7	1.23e6	1050	5.2	1.47	bd

Compound name: PCB-107/109  
 Response Factor: 1.3418  
 RRF SD: 0.112451, Relative SD: 8.38064  
 Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	1.52	NO	41.31	0.997	6.09e3	1.02e6	0.446	-10.9	1.20	dd
200601K1_2	2.00	1.81	NO	41.29	0.996	2.87e4	1.11e6	1.93	-3.4	1.30	dd

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Compound name: PCB-107/109

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	5.00	1.48	NO	41.29	0.998	6.93e4	1.12e6	4.83	-7.5	1.24	dd
200801K1_4	100	1.58	NO	41.29	0.998	1.50e6	1.07e6	105	4.9	1.41	dd
200801K1_5	800	1.58	NO	41.29	0.998	1.38e7	1.18e6	871	8.8	1.48	dd
200801K1_6	2000	1.58	NO	41.29	0.998	3.57e7	1.23e6	2160	8.0	1.45	dd

Compound name: PCB-123

Response Factor: 1.19789

RRF SD: 0.0778787, Relative SD: 6.48483

Response type: Internal Std ( Ref 189 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.88	NO	41.48	1.001	2.87e3	1.02e6	0.236	-5.7	1.13	db
200801K1_2	1.00	1.57	NO	41.48	1.001	1.21e4	1.11e6	0.917	-8.3	1.10	dd
200801K1_3	2.50	1.54	NO	41.48	1.001	3.25e4	1.12e6	2.43	-2.7	1.17	dd
200801K1_4	50.0	1.58	NO	41.48	1.000	6.69e5	1.07e6	52.3	4.8	1.25	dd
200801K1_5	400	1.58	NO	41.48	1.000	6.11e6	1.18e6	432	7.9	1.29	dd
200801K1_6	1000	1.58	NO	41.48	1.000	1.54e7	1.23e6	1040	4.2	1.25	dd

Compound name: PCB-106/118

Response Factor: 1.21941

RRF SD: 0.102837, Relative SD: 8.43331

Response type: Internal Std ( Ref 190 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.34	NO	41.67	1.001	5.58e3	1.07e6	0.426	-14.8	1.04	MM
200801K1_2	2.00	1.73	NO	41.69	1.001	2.72e4	1.17e6	1.92	-4.2	1.17	MM
200801K1_3	5.00	1.55	NO	41.69	1.001	7.07e4	1.16e6	5.01	0.2	1.22	MM
200801K1_4	100	1.57	NO	41.69	1.001	1.44e6	1.12e6	105	5.5	1.29	MM
200801K1_5	800	1.58	NO	41.69	1.001	1.33e7	1.27e6	881	7.8	1.31	MM
200801K1_6	2000	1.58	NO	41.69	1.001	3.40e7	1.32e6	2110	5.7	1.29	MM

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Compound name: PCB-114  
 Response Factor: 1.14116  
 RRF SD: 0.0850793, Relative SD: 7.45549  
 Response type: Internal Std ( Ref 191 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.33	NO	42.32	1.000	3.86e3	1.38e6	0.248	-0.7	1.13	MM
200601K1_2	1.00	1.64	NO	42.34	1.001	1.48e4	1.45e6	0.891	-10.9	1.02	MM
200601K1_3	2.50	1.54	NO	42.34	1.000	3.91e4	1.47e6	2.33	-6.7	1.06	MM
200601K1_4	50.0	1.57	NO	42.34	1.000	8.45e5	1.41e6	52.8	5.3	1.20	MM
200601K1_5	400	1.54	NO	42.34	1.000	7.43e6	1.52e6	428	7.0	1.22	MM
200601K1_6	1000	1.55	NO	42.34	1.000	1.91e7	1.58e6	1060	6.0	1.21	MM

Compound name: PCB-122  
 Response Factor: 0.944286  
 RRF SD: 0.0437623, Relative SD: 4.63443  
 Response type: Internal Std ( Ref 191 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.81	NO	42.47	1.004	2.97e3	1.38e6	0.231	-7.8	0.871	MM
200601K1_2	1.00	1.80	NO	42.47	1.004	1.33e4	1.45e6	0.970	-3.0	0.915	MM
200601K1_3	2.50	1.54	NO	42.47	1.004	3.50e4	1.47e6	2.52	0.9	0.953	MM
200601K1_4	50.0	1.56	NO	42.47	1.004	6.92e5	1.41e6	52.1	4.2	0.984	MM
200601K1_5	400	1.55	NO	42.47	1.004	5.98e6	1.52e6	418	4.1	0.983	MM
200601K1_6	1000	1.56	NO	42.47	1.004	1.51e7	1.58e6	1020	1.8	0.959	MM

Compound name: PCB-105  
 Response Factor: 1.05075  
 RRF SD: 0.0648066, Relative SD: 6.16764  
 Response type: Internal Std ( Ref 192 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.32	NO	43.21	1.000	3.35e3	1.40e6	0.228	-8.9	0.957	bb
200601K1_2	1.00	1.56	NO	43.23	1.001	1.48e4	1.47e6	0.957	-4.3	1.01	MM

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Compound name: PCB-105

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.58	NO	43.23	1.000	3.84e4	1.49e6	2.45	-2.1	1.03	MM
200601K1_4	50.0	1.58	NO	43.23	1.000	7.78e5	1.42e6	52.1	4.1	1.09	dd
200601K1_5	400	1.59	NO	43.23	1.000	6.92e6	1.53e6	431	7.7	1.13	dd
200601K1_6	1000	1.58	NO	43.23	1.000	1.78e7	1.82e6	1030	3.4	1.09	dd

Compound name: PCB-127

Response Factor: 1.05904

RRF SD: 0.0891593, Relative SD: 6.53037

Response type: Internal Std ( Ref 193 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.35	NO	43.57	1.000	3.42e3	1.45e6	0.223	-10.8	0.944	MM
200601K1_2	1.00	1.53	NO	43.57	1.000	1.54e4	1.51e6	0.965	-3.5	1.02	db
200601K1_3	2.50	1.57	NO	43.57	1.000	4.15e4	1.59e6	2.47	-1.3	1.05	MM
200601K1_4	50.0	1.57	NO	43.57	1.000	6.11e5	1.47e6	52.2	4.4	1.11	db
200601K1_5	400	1.59	NO	43.57	1.000	7.02e6	1.58e6	420	5.0	1.11	db
200601K1_6	1000	1.57	NO	43.57	1.000	1.85e7	1.84e6	1060	6.1	1.12	db

Compound name: PCB-128

Response Factor: 1.17214

RRF SD: 0.0891348, Relative SD: 7.60443

Response type: Internal Std ( Ref 194 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.67	NO	45.52	1.000	3.40e3	1.33e6	0.218	-12.8	1.02	bb
200601K1_2	1.00	1.48	NO	45.52	1.000	1.71e4	1.49e6	0.982	-1.8	1.15	MM
200601K1_3	2.50	1.61	NO	45.52	1.000	4.35e4	1.54e6	2.42	-3.3	1.13	MM
200601K1_4	50.0	1.54	NO	45.54	1.000	8.88e5	1.45e6	52.1	4.3	1.22	db
200601K1_5	400	1.56	NO	45.54	1.001	7.83e6	1.51e6	431	7.7	1.26	db
200601K1_6	1000	1.56	NO	45.54	1.000	1.98e7	1.80e6	1060	5.9	1.24	db

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Compound name: PCB-155  
 Response Factor: 1.04363  
 RRF SD: 0.0461718, Relative SD: 4.42414  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.30	NO	37.01	1.001	1.70e3	6.57e5	0.247	-1.1	1.03	bb
200801K1_2	1.00	1.23	NO	37.01	1.001	7.53e3	7.35e5	0.981	-1.9	1.02	bb
200801K1_3	2.50	1.18	NO	37.01	1.000	1.80e4	7.36e5	2.34	-6.5	0.976	bb
200801K1_4	50.0	1.30	NO	37.01	1.000	3.73e5	7.19e5	49.7	-0.8	1.04	bb
200801K1_5	400	1.30	NO	37.01	1.000	3.46e6	7.88e5	421	5.4	1.10	bb
200801K1_6	1000	1.29	NO	37.01	1.000	6.65e6	7.92e5	1050	4.7	1.09	bb

Compound name: PCB-150  
 Response Factor: 1.08341  
 RRF SD: 0.0925801, Relative SD: 8.54521  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.14	NO	38.30	1.036	1.59e3	6.57e5	0.223	-10.8	0.967	MM
200801K1_2	1.00	1.15	NO	38.32	1.036	7.27e3	7.35e5	0.912	-6.8	0.968	bb
200801K1_3	2.50	1.32	NO	38.32	1.036	1.98e4	7.36e5	2.49	-0.6	1.08	bb
200801K1_4	50.0	1.26	NO	38.32	1.036	3.96e5	7.19e5	50.9	1.7	1.10	bb
200801K1_5	400	1.29	NO	38.32	1.036	3.72e6	7.88e5	436	8.9	1.18	bb
200801K1_6	1000	1.29	NO	38.32	1.036	9.39e6	7.92e5	1090	9.5	1.19	bb

Compound name: PCB-152  
 Response Factor: 1.18641  
 RRF SD: 0.106735, Relative SD: 8.99646  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	rt	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.37	NO	38.80	1.049	1.72e3	6.57e5	0.221	-11.7	1.05	MM
200801K1_2	1.00	1.34	NO	38.80	1.049	6.42e3	7.35e5	0.968	-3.4	1.15	bb

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Compound name: PCB-152

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_3	2.50	1.28	NO	38.80	1.049	2.02e4	7.36e5	2.32	-7.3	1.10	bb
200801K1_4	50.0	1.30	NO	38.80	1.049	4.38e5	7.19e5	51.3	2.6	1.22	bb
200801K1_5	400	1.31	NO	38.80	1.049	4.12e6	7.88e5	441	10.4	1.31	bb
200801K1_6	1000	1.30	NO	38.82	1.049	1.03e7	7.92e5	1090	9.4	1.30	bb

Compound name: PCB-145

Response Factor: 1.18848  
 RRF SD: 0.0869925, Relative SD: 7.31963  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.30	NO	39.27	1.062	1.80e3	6.57e5	0.231	-7.7	1.10	MM
200801K1_2	1.00	1.31	NO	39.27	1.062	8.51e3	7.35e5	0.974	-2.6	1.16	bb
200801K1_3	2.50	1.25	NO	39.27	1.061	2.04e4	7.36e5	2.34	-6.6	1.11	bb
200801K1_4	50.0	1.31	NO	39.27	1.061	4.24e5	7.19e5	49.6	-0.9	1.18	bb
200801K1_5	400	1.28	NO	39.27	1.061	4.10e6	7.88e5	438	9.5	1.30	bb
200801K1_6	1000	1.29	NO	39.27	1.061	1.02e7	7.92e5	1090	6.2	1.29	bb

Compound name: PCB-136

Response Factor: 1.02088  
 RRF SD: 0.0891715, Relative SD: 6.77586  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.19	NO	39.60	1.071	1.50e3	6.57e5	0.224	-10.4	0.915	MM
200801K1_2	1.00	1.37	NO	39.60	1.071	7.18e3	7.35e5	0.957	-4.3	0.977	MM
200801K1_3	2.50	1.20	NO	39.60	1.070	1.87e4	7.36e5	2.49	-0.3	1.02	bd
200801K1_4	50.0	1.32	NO	39.60	1.070	3.70e5	7.19e5	50.4	0.7	1.03	bd
200801K1_5	400	1.30	NO	39.60	1.070	3.47e6	7.88e5	431	7.8	1.10	bd
200801K1_6	1000	1.29	NO	39.60	1.070	8.61e6	7.92e5	1090	6.5	1.09	bd

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Compound name: PCB-148  
 Response Factor: 0.841589  
 RRF SD: 0.0633021, Relative SD: 7.52173  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.05	NO	39.71	1.074	1.36e3	6.57e5	0.246	-1.4	0.830	MM
200601K1_2	1.00	1.26	NO	39.71	1.074	5.73e3	7.35e5	0.926	-7.4	0.779	db
200601K1_3	2.50	1.29	NO	39.71	1.073	1.42e4	7.36e5	2.30	-8.0	0.775	db
200601K1_4	50.0	1.32	NO	39.71	1.073	2.99e5	7.19e5	49.4	-1.1	0.832	db
200601K1_5	400	1.31	NO	39.71	1.073	2.87e6	7.88e5	434	8.4	0.913	db
200601K1_6	1000	1.31	NO	39.71	1.073	7.30e6	7.92e5	1090	9.5	0.921	db

Compound name: PCB-154  
 Response Factor: 0.91897  
 RRF SD: 0.0435601, Relative SD: 4.7401  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	40.22	1.088	1.56e3	6.57e5	0.258	3.3	0.949	MM
200601K1_2	1.00	1.41	NO	40.22	1.088	6.57e3	7.35e5	0.973	-2.7	0.894	MM
200601K1_3	2.50	1.35	NO	40.22	1.087	1.57e4	7.36e5	2.32	-7.1	0.853	bb
200601K1_4	50.0	1.33	NO	40.22	1.087	3.23e5	7.19e5	48.9	-2.2	0.899	bb
200601K1_5	400	1.30	NO	40.22	1.087	3.01e6	7.88e5	416	4.0	0.958	bb
200601K1_6	1000	1.30	NO	40.22	1.087	7.62e6	7.92e5	1050	4.7	0.963	bb

Compound name: PCB-151  
 Response Factor: 0.786525  
 RRF SD: 0.034223, Relative SD: 4.35117  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Int. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	40.88	1.106	1.19e3	6.57e5	0.231	-7.8	0.725	MM
200601K1_2	1.00	1.15	NO	40.88	1.106	5.79e3	7.35e5	1.00	0.1	0.787	bb



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Compound name: PCB-151

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.14	NO	40.88	1.105	1.45e4	7.36e5	2.50	0.0	0.787	bb
200601K1_4	50.0	1.33	NO	40.88	1.105	2.82e5	7.19e5	49.9	-0.2	0.785	bd
200601K1_5	400	1.31	NO	40.88	1.105	2.54e6	7.88e5	410	2.8	0.807	bb
200601K1_6	1000	1.28	NO	40.88	1.105	6.56e6	7.92e5	1050	5.2	0.828	bd

Compound name: PCB-135

Response Factor: 0.922274

RRF SD: 0.05017, Relative SD: 5.43982

Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.35	NO	41.11	1.112	1.63e3	6.57e5	0.268	7.3	0.990	MM
200601K1_2	1.00	1.27	NO	41.11	1.112	6.81e3	7.35e5	1.00	0.4	0.926	MM
200601K1_3	2.50	1.33	NO	41.11	1.111	1.56e4	7.36e5	2.29	-8.2	0.847	MM
200601K1_4	50.0	1.28	NO	41.11	1.111	3.19e5	7.19e5	48.1	-3.7	0.888	dd
200601K1_5	400	1.27	NO	41.11	1.111	2.93e6	7.88e5	403	0.7	0.929	bd
200601K1_6	1000	1.28	NO	41.11	1.111	7.56e6	7.92e5	1040	3.5	0.955	dd

Compound name: PCB-144

Response Factor: 0.788937

RRF SD: 0.0931784, Relative SD: 11.8106

Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	41.22	1.115	1.14e3	6.57e5	0.219	-12.4	0.691	dd
200601K1_2	1.00	1.05	NO	41.20	1.114	5.31e3	7.35e5	0.915	-8.5	0.722	MM
200601K1_3	2.50	1.25	NO	41.22	1.114	1.33e4	7.36e5	2.29	-8.5	0.722	MM
200601K1_4	50.0	1.30	NO	41.22	1.114	2.87e5	7.19e5	50.6	1.3	0.799	dd
200601K1_5	400	1.28	NO	41.22	1.114	2.82e6	7.88e5	454	13.4	0.895	dd
200601K1_6	1000	1.28	NO	41.22	1.114	7.17e6	7.92e5	1150	14.7	0.905	dd

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Compound name: PCB-147  
 Response Factor: 0.834498  
 RRF SD: 0.0629802, Relative SD: 7.54708  
 Response type: Internal Std ( Ref 195 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nly	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	nly	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	nly	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.38	NO	41.80	1.130	1.28e3	6.57e5	0.245	-1.8	0.779	MM
200801K1_2	1.00	1.30	NO	41.81	1.131	5.44e3	7.35e5	0.932	-6.8	0.740	MM

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Compound name: PCB-140

Name	Std Conc	RA	nt/y	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	nt/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.38	NO	42.26	0.975	3.74e3	1.21e6	0.408	-18.4	0.619	bb
200601K1_2	2.00	1.24	NO	42.26	0.975	1.80e4	1.26e6	1.88	-5.9	0.714	bb
200601K1_3	5.00	1.23	NO	42.26	0.975	4.77e4	1.30e6	4.84	-3.3	0.734	bb
200601K1_4	100	1.24	NO	42.26	0.974	1.01e6	1.25e6	107	8.8	0.809	bb
200601K1_5	800	1.22	NO	42.26	0.974	9.11e6	1.35e6	890	11.2	0.844	bb
200601K1_6	2000	1.24	NO	42.26	0.974	2.30e7	1.38e6	2200	9.8	0.833	bb

Compound name: PCB-131/133

Response Factor: 0.820779

RRF SD: 0.0843262, Relative SD: 10.2739

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	nt/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.42	NO	42.57	0.982	4.18e3	1.21e6	0.420	-18.1	0.689	MM
200601K1_2	2.00	1.22	NO	42.57	0.982	1.97e4	1.26e6	1.90	-4.9	0.780	bd
200601K1_3	5.00	1.28	NO	42.57	0.982	5.11e4	1.30e6	4.79	-4.3	0.788	bd
200601K1_4	100	1.22	NO	42.57	0.981	1.08e6	1.25e6	105	5.3	0.885	bd
200601K1_5	800	1.22	NO	42.57	0.981	9.78e6	1.35e6	882	10.2	0.904	bd
200601K1_6	2000	1.23	NO	42.57	0.981	2.49e7	1.38e6	2190	9.7	0.901	bd

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Compound name: PCB-142

Response Factor: 0.754261

RRF SD: 0.0382275, Relative SD: 5.06821

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	42.72	0.985	2.21e3	1.21e6	0.243	-2.8	0.733	MM
200601K1_2	1.00	1.24	NO	42.74	0.986	8.89e3	1.26e6	0.933	-6.7	0.703	db
200601K1_3	2.50	1.25	NO	42.74	0.986	2.38e4	1.30e6	2.42	-3.1	0.731	dd
200601K1_4	50.0	1.24	NO	42.74	0.985	4.79e5	1.25e6	50.8	1.5	0.766	dd
200601K1_5	400	1.23	NO	42.74	0.985	4.33e6	1.35e6	426	6.4	0.803	dd
200601K1_6	1000	1.21	NO	42.74	0.985	1.09e7	1.38e6	1050	4.7	0.790	dd

Compound name: PCB-146/165

Response Factor: 1.01661

RRF SD: 0.0808121, Relative SD: 7.94921

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.23	NO	42.97	0.991	5.49e3	1.21e6	0.447	-10.5	0.910	dd
200601K1_2	2.00	1.22	NO	42.97	0.991	2.47e4	1.26e6	1.92	-3.9	0.977	bb
200601K1_3	5.00	1.22	NO	42.97	0.991	6.23e4	1.30e6	4.71	-5.7	0.959	dd
200601K1_4	100	1.22	NO	42.97	0.990	1.31e6	1.25e6	103	2.9	1.05	dd
200601K1_5	800	1.23	NO	42.97	0.990	1.20e7	1.35e6	873	9.2	1.11	dd
200601K1_6	2000	1.22	NO	42.97	0.990	3.04e7	1.38e6	2160	8.1	1.10	dd

Compound name: PCB-132/161

Response Factor: 1.02411

RRF SD: 0.0851295, Relative SD: 6.3596

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Int. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.500	1.21	NO	43.19	0.996	5.86e3	1.21e6	0.474	-5.3	0.970	dd
200601K1_2	2.00	1.19	NO	43.21	0.997	2.45e4	1.26e6	1.89	-5.3	0.970	bd

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**Compound name: PCB-132/161**

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	5.00	1.28	NO	43.19	0.996	6.25e4	1.30e6	4.69	-6.2	0.961	dd
200601K1_4	100	1.24	NO	43.21	0.996	1.31e6	1.25e6	103	2.6	1.05	dd
200601K1_5	800	1.24	NO	43.21	0.996	1.19e7	1.35e6	861	7.7	1.10	dd
200601K1_6	2000	1.24	NO	43.21	0.996	3.02e7	1.38e6	2130	6.5	1.09	dd

**Compound name: PCB-153**

Response Factor: 1.07057

RRF SD: 0.0679682, Relative SD: 6.34876

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	43.38	1.000	2.99e3	1.21e6	0.232	-7.4	0.992	MM
200601K1_2	1.00	1.26	NO	43.40	1.001	1.30e4	1.28e6	0.960	-4.0	1.03	dd
200601K1_3	2.50	1.18	NO	43.40	1.001	3.29e4	1.30e6	2.36	-5.5	1.01	dd
200601K1_4	50.0	1.25	NO	43.40	1.000	6.97e5	1.25e6	52.0	4.0	1.11	dd
200601K1_5	400	1.24	NO	43.40	1.000	6.17e6	1.35e6	426	6.9	1.14	dd
200601K1_6	1000	1.24	NO	43.40	1.000	1.57e7	1.38e6	1060	6.0	1.14	dd

**Compound name: PCB-168**

Response Factor: 1.07725

RRF SD: 0.0814218, Relative SD: 7.55832

Response type: Internal Std ( Ref 196 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.09	NO	43.61	1.006	2.93e3	1.21e6	0.225	-10.1	0.969	db
200601K1_2	1.00	1.30	NO	43.61	1.006	1.29e4	1.26e6	0.946	-5.4	1.02	db
200601K1_3	2.50	1.23	NO	43.61	1.006	3.39e4	1.30e6	2.42	-3.3	1.04	db
200601K1_4	50.0	1.24	NO	43.61	1.005	6.89e5	1.25e6	51.1	2.1	1.10	db
200601K1_5	400	1.24	NO	43.63	1.006	6.32e6	1.35e6	435	8.7	1.17	db
200601K1_6	1000	1.23	NO	43.63	1.006	1.81e7	1.38e6	1060	8.0	1.16	db

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Compound name: PCB-141  
 Response Factor: 1.02661  
 RRF SD: 0.0643735, Relative SD: 6.27049  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.34	NO	44.16	1.001	2.32e3	9.74e5	0.232	-7.2	0.953	MM
200601K1_2	1.00	1.28	NO	44.16	1.000	1.02e4	1.06e6	0.941	-5.9	0.966	MM
200601K1_3	2.50	1.23	NO	44.16	1.000	2.72e4	1.10e6	2.41	-3.6	0.989	bd
200601K1_4	50.0	1.24	NO	44.18	1.000	5.51e5	1.03e6	51.9	3.8	1.07	bd
200601K1_5	400	1.24	NO	44.18	1.000	4.91e6	1.12e6	426	6.6	1.09	bd
200601K1_6	1000	1.24	NO	44.16	1.000	1.23e7	1.12e6	1060	6.3	1.09	bd

Compound name: PCB-137  
 Response Factor: 1.11036  
 RRF SD: 0.0861984, Relative SD: 7.76308  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.39	NO	44.54	1.010	2.39e3	9.74e5	0.221	-11.5	0.983	MM
200601K1_2	1.00	1.34	NO	44.56	1.009	1.09e4	1.06e6	0.931	-6.9	1.03	MM
200601K1_3	2.50	1.19	NO	44.56	1.009	3.06e4	1.10e6	2.51	0.3	1.11	MM
200601K1_4	50.0	1.24	NO	44.56	1.009	5.93e5	1.03e6	51.6	3.2	1.15	bd
200601K1_5	400	1.22	NO	44.56	1.009	5.38e6	1.12e6	432	8.0	1.20	bd
200601K1_6	1000	1.22	NO	44.56	1.009	1.34e7	1.12e6	1070	6.9	1.19	bd

Compound name: PCB-130  
 Response Factor: 0.885312  
 RRF SD: 0.0756292, Relative SD: 8.54266  
 Response type: Internal Std ( Ref 197 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.41	NO	44.65	1.012	1.86e3	9.74e5	0.216	-13.6	0.765	MM
200601K1_2	1.00	1.09	NO	44.65	1.012	9.08e3	1.06e6	0.969	-3.1	0.858	MM

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Compound name: PCB-130

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	44.65	1.012	2.34e4	1.10e6	2.41	-3.7	0.852	MM
200601K1_4	50.0	1.24	NO	44.67	1.012	4.75e5	1.03e6	51.9	3.8	0.919	MM
200601K1_5	400	1.23	NO	44.67	1.012	4.37e6	1.12e6	440	10.0	0.974	MM
200601K1_6	1000	1.23	NO	44.67	1.012	1.06e7	1.12e6	1070	6.6	0.944	MM

Compound name: PCB-138/163/164

Response Factor: 1.28353

RRF SD: 0.106549, Relative SD: 8.30127

Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.750	1.29	NO	45.05	1.001	8.62e3	1.00e6	0.671	-10.6	1.15	MM
200601K1_2	3.00	1.18	NO	45.05	1.001	4.01e4	1.11e6	2.82	-5.9	1.21	bd
200601K1_3	7.50	1.26	NO	45.05	1.001	1.06e5	1.16e6	7.12	-5.1	1.22	bd
200601K1_4	150	1.23	NO	45.05	1.001	2.17e6	1.07e6	157	4.8	1.35	bd
200601K1_5	1200	1.23	NO	45.05	1.001	2.01e7	1.18e6	1330	10.5	1.42	bd
200601K1_6	3000	1.23	NO	45.05	1.001	5.01e7	1.22e6	3190	6.3	1.36	bd

Compound name: PCB-158/160

Response Factor: 1.23999

RRF SD: 0.0786271, Relative SD: 6.34093

Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.06	NO	45.28	1.006	5.95e3	1.00e6	0.479	-4.2	1.19	MM
200601K1_2	2.00	1.20	NO	45.30	1.007	2.56e4	1.11e6	1.87	-6.7	1.16	dd
200601K1_3	5.00	1.23	NO	45.30	1.006	6.75e4	1.16e6	4.70	-5.9	1.17	dd
200601K1_4	100	1.22	NO	45.30	1.006	1.38e6	1.07e6	104	3.6	1.26	dd
200601K1_5	800	1.22	NO	45.30	1.006	1.26e7	1.18e6	864	8.0	1.34	dd
200601K1_6	2000	1.24	NO	45.30	1.006	3.19e7	1.22e6	2100	5.2	1.30	dd

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Compound name: PCB-129  
 Response Factor: 0.866678  
 RRF SD: 0.0575828, 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
200601K1_1	0.250	1.30	NO	45.54	1.012	2.07e3	1.00e6	0.239	-4.5	0.827	MM
200601K1_2	1.00	1.30	NO	45.54	1.012	9.27e3	1.11e6	0.968	-3.4	0.837	db
200601K1_3	2.50	1.28	NO	45.54	1.012	2.27e4	1.16e6	2.27	-9.2	0.787	db
200601K1_4	50.0	1.23	NO	45.54	1.012	4.97e5	1.07e6	53.4	6.8	0.926	db
200601K1_5	400	1.22	NO	45.54	1.012	4.35e6	1.18e6	426	6.6	0.923	db
200601K1_6	1000	1.22	NO	45.54	1.012	1.10e7	1.22e6	1040	3.8	0.900	db

Compound name: PCB-166  
 Response Factor: 1.14308  
 RRF SD: 0.0513388, Relative SD: 4.49125  
 Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.21	NO	46.02	0.993	3.46e3	1.22e6	0.249	-0.5	1.14	db
200601K1_2	1.00	1.17	NO	46.00	0.993	1.44e4	1.34e6	0.943	-5.7	1.08	MM
200601K1_3	2.50	1.25	NO	46.02	0.993	3.77e4	1.39e6	2.38	-4.7	1.09	MM
200601K1_4	50.0	1.24	NO	46.02	0.993	7.77e5	1.33e6	51.2	2.3	1.17	MM
200601K1_5	400	1.24	NO	46.02	0.993	6.88e6	1.42e6	423	5.8	1.21	MM
200601K1_6	1000	1.22	NO	46.02	0.993	1.77e7	1.51e6	1030	2.7	1.17	MM

Compound name: PCB-159  
 Response Factor: 1.21657  
 RRF SD: 0.0622303, Relative SD: 5.11521  
 Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.24	NO	46.34	1.000	3.62e3	1.22e6	0.245	-2.2	1.19	MM
200601K1_2	1.00	1.24	NO	46.34	1.000	1.58e4	1.34e6	0.961	-3.9	1.17	MM



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Compound name: PCB-150

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	46.36	1.001	3.92e4	1.38e6	2.33	-6.7	1.13	MM
200601K1_4	50.0	1.22	NO	46.36	1.000	8.24e5	1.33e6	51.0	2.0	1.24	MM
200601K1_5	400	1.24	NO	46.36	1.000	7.37e6	1.42e6	428	6.6	1.30	MM
200601K1_6	1000	1.23	NO	46.36	1.000	1.91e7	1.51e6	1040	4.3	1.27	MM

Compound name: PCB-128/162

Response Factor: 0.907497

RRF SD: 0.0511425, Relative SD: 5.63556

Response type: Internal Std ( Ref 199 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.13	NO	46.64	1.007	5.34e3	1.22e6	0.484	-3.3	0.676	MM
200601K1_2	2.00	1.20	NO	46.64	1.007	2.26e4	1.34e6	1.86	-6.9	0.845	MM
200601K1_3	5.00	1.25	NO	46.64	1.007	5.99e4	1.38e6	4.77	-4.8	0.866	MM
200601K1_4	100	1.24	NO	46.64	1.007	1.25e6	1.33e6	103	3.3	0.938	MM
200601K1_5	800	1.24	NO	46.64	1.007	1.10e7	1.42e6	856	7.0	0.971	MM
200601K1_6	2000	1.21	NO	46.66	1.007	2.85e7	1.51e6	2090	4.4	0.947	MM

Compound name: PCB-167

Response Factor: 1.10858

RRF SD: 0.0571768, Relative SD: 5.15766

Response type: Internal Std ( Ref 200 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	rf	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.29	NO	47.06	1.001	3.31e3	1.22e6	0.248	-1.8	1.09	MM
200601K1_2	1.00	1.39	NO	47.06	1.001	1.36e4	1.33e6	0.938	-6.2	1.04	MM
200601K1_3	2.50	1.19	NO	47.06	1.000	3.66e4	1.39e6	2.38	-4.7	1.06	bb
200601K1_4	50.0	1.24	NO	47.06	1.000	7.62e5	1.38e6	50.6	1.2	1.12	bb
200601K1_5	400	1.25	NO	47.06	1.000	6.68e6	1.41e6	428	7.1	1.19	bb
200601K1_6	1000	1.23	NO	47.06	1.000	1.72e7	1.48e6	1040	4.3	1.16	bb

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Compound name: PCB-156  
 Response Factor: 1.12589  
 RRF SD: 0.0789703, Relative SD: 7.01404  
 Response type: Internal Std ( Ref 201 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	48.38	1.000	3.07e3	1.18e6	0.231	-7.7	1.04	MM
200601K1_2	1.00	1.18	NO	48.38	1.000	1.32e4	1.26e6	0.931	-6.9	1.05	MM
200601K1_3	2.50	1.20	NO	48.38	1.000	3.67e4	1.35e6	2.42	-3.4	1.09	bb
200601K1_4	50.0	1.25	NO	48.38	1.000	7.58e5	1.31e6	51.2	2.5	1.15	bd
200601K1_5	400	1.22	NO	48.38	1.000	6.73e6	1.37e6	435	8.9	1.23	bd
200601K1_6	1000	1.23	NO	48.38	1.000	1.76e7	1.47e6	1070	6.6	1.20	bd

Compound name: PCB-157  
 Response Factor: 1.03828  
 RRF SD: 0.0627401, Relative SD: 6.04267  
 Response type: Internal Std ( Ref 202 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.31	NO	48.65	1.000	2.89e3	1.19e6	0.234	-6.2	0.974	MM
200601K1_2	1.00	1.16	NO	48.67	1.001	1.21e4	1.24e6	0.943	-5.7	0.980	dd
200601K1_3	2.50	1.20	NO	48.67	1.000	3.40e4	1.36e6	2.41	-3.7	1.00	bd
200601K1_4	50.0	1.23	NO	48.67	1.000	6.97e5	1.31e6	51.1	2.2	1.06	dd
200601K1_5	400	1.23	NO	48.67	1.000	6.16e6	1.37e6	432	8.0	1.12	dd
200601K1_6	1000	1.23	NO	48.67	1.000	1.82e7	1.48e6	1050	5.4	1.09	dd

Compound name: PCB-169  
 Response Factor: 1.15806  
 RRF SD: 0.0659172, Relative SD: 5.69202  
 Response type: Internal Std ( Ref 203 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	50.92	1.000	3.08e3	1.12e6	0.238	-5.0	1.10	bb
200601K1_2	1.00	1.28	NO	50.92	1.000	1.29e4	1.19e6	0.940	-6.0	1.09	MM

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Compound name: PCB-169

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.27	NO	50.92	1.000	3.70e4	1.33e6	2.40	-4.1	1.11	bb
200601K1_4	50.0	1.23	NO	50.92	1.000	7.28e5	1.22e6	51.5	2.9	1.19	bb
200601K1_5	400	1.23	NO	50.92	1.000	6.46e6	1.30e6	429	7.2	1.24	bb
200601K1_6	1000	1.24	NO	50.94	1.000	1.73e7	1.42e6	1050	5.0	1.22	bb

Compound name: PCB-188

Response Factor: 1.28967

RRF SD: 0.0641497, Relative SD: 4.97412

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	43.01	1.000	2.94e3	9.28e5	0.248	-1.7	1.27	MM
200601K1_2	1.00	1.01	NO	43.01	1.000	1.20e4	1.02e6	0.918	-8.4	1.16	MM
200601K1_3	2.50	0.97	NO	43.02	1.001	3.28e4	1.03e6	2.48	-1.6	1.27	bb
200601K1_4	50.0	1.05	NO	43.02	1.000	6.73e5	1.01e6	51.5	3.0	1.33	bb
200601K1_5	400	1.05	NO	43.02	1.000	6.15e6	1.13e6	420	5.1	1.35	bb
200601K1_6	1000	1.03	NO	43.02	1.000	1.58e7	1.18e6	1040	3.7	1.34	bb

Compound name: PCB-184

Response Factor: 1.23185

RRF SD: 0.0863042, Relative SD: 7.00722

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.16	NO	43.48	1.011	2.47e3	9.28e5	0.216	-13.6	1.06	MM
200601K1_2	1.00	0.98	NO	43.48	1.011	1.28e4	1.02e6	1.01	0.8	1.24	bb
200601K1_3	2.50	1.09	NO	43.48	1.012	3.18e4	1.03e6	2.50	-0.1	1.23	bb
200601K1_4	50.0	1.04	NO	43.48	1.011	6.50e5	1.01e6	52.1	4.1	1.28	bb
200601K1_5	400	1.05	NO	43.48	1.011	5.91e6	1.13e6	423	5.7	1.30	bb
200601K1_6	1000	1.03	NO	43.48	1.011	1.50e7	1.18e6	1030	3.1	1.27	bb

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Compound name: PCB-179  
 Response Factor: 1.29806  
 RRF SD: 0.052795, Relative SD: 4.06721  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.00	NO	44.27	1.030	2.80e3	9.28e5	0.232	-7.0	1.21	MM
200801K1_2	1.00	1.00	NO	44.29	1.030	1.29e4	1.02e6	0.979	-2.1	1.27	MM
200801K1_3	2.50	1.10	NO	44.29	1.030	3.39e4	1.03e6	2.52	1.0	1.31	bb
200801K1_4	50.0	1.04	NO	44.29	1.030	6.78e5	1.01e6	51.4	2.8	1.33	bb
200801K1_5	400	1.04	NO	44.29	1.030	6.16e6	1.13e6	418	4.5	1.36	bb
200801K1_6	1000	1.04	NO	44.29	1.030	1.55e7	1.18e6	1010	0.9	1.31	bb

Compound name: PCB-176  
 Response Factor: 1.30863  
 RRF SD: 0.0665306, Relative SD: 5.08397  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.13	NO	44.75	1.041	2.78e3	9.28e5	0.229	-8.5	1.20	MM
200801K1_2	1.00	1.07	NO	44.77	1.041	1.34e4	1.02e6	1.01	0.7	1.32	bb
200801K1_3	2.50	1.07	NO	44.77	1.041	3.31e4	1.03e6	2.44	-2.3	1.28	MM
200801K1_4	50.0	1.05	NO	44.77	1.041	6.80e5	1.01e6	51.3	2.8	1.34	bb
200801K1_5	400	1.04	NO	44.77	1.041	6.33e6	1.13e6	428	6.5	1.39	bb
200801K1_6	1000	1.03	NO	44.77	1.041	1.57e7	1.18e6	1010	1.1	1.32	bb

Compound name: PCB-186  
 Response Factor: 1.32902  
 RRF SD: 0.119081, Relative SD: 8.96013  
 Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.08	NO	45.37	1.056	2.56e3	9.28e5	0.207	-17.1	1.10	MM
200801K1_2	1.00	0.95	NO	45.39	1.056	1.36e4	1.02e6	1.01	0.8	1.34	MM

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Compound name: PCB-186

Name	Std Conc	RA	n/y	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	n/y	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	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.01	NO	46.24	1.076	2.15e3	9.26e5	0.242	-3.0	0.927	bd
200601K1_2	1.00	1.01	NO	46.24	1.076	9.07e3	1.02e6	0.934	-6.6	0.893	MM
200601K1_3	2.50	1.00	NO	46.26	1.076	2.45e4	1.03e6	2.47	-1.1	0.946	bd
200601K1_4	50.0	1.04	NO	46.26	1.076	5.06e5	1.01e6	52.2	4.5	0.999	bd
200601K1_5	400	1.04	NO	46.26	1.076	4.52e6	1.13e6	417	4.1	0.996	bd
200601K1_6	1000	1.04	NO	46.26	1.076	1.18e7	1.18e6	1020	2.1	0.977	bd

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Compound name: PCB-182/187

Response Factor: 1.06615

RRF SD: 0.0507133, Relative SD: 4.75669

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	1.16	NO	46.43	1.080	4.78e3	9.28e5	0.483	-3.3	1.03	MM
200801K1_2	2.00	1.06	NO	46.43	1.080	2.07e4	1.02e6	1.91	-4.4	1.02	db
200801K1_3	5.00	1.00	NO	46.43	1.080	5.24e4	1.03e6	4.74	-5.1	1.01	MM
200801K1_4	100	1.04	NO	46.43	1.080	1.13e6	1.01e6	104	4.2	1.11	db
200801K1_5	800	1.05	NO	46.43	1.080	1.02e7	1.13e6	840	5.0	1.12	db
200801K1_6	2000	1.04	NO	46.43	1.080	2.62e7	1.18e6	2070	3.7	1.11	db

Compound name: PCB-183

Response Factor: 1.02281

RRF SD: 0.0863349, Relative SD: 8.44093

Response type: Internal Std ( Ref 204 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.07	NO	46.76	1.066	2.03e3	9.28e5	0.214	-14.4	0.875	MM
200801K1_2	1.00	1.12	NO	46.76	1.066	9.96e3	1.02e6	0.958	-4.2	0.980	bb
200801K1_3	2.50	1.02	NO	46.76	1.066	2.62e4	1.03e6	2.47	-1.0	1.01	bb
200801K1_4	50.0	1.03	NO	46.76	1.067	5.52e5	1.01e6	53.3	6.5	1.09	bb
200801K1_5	400	1.04	NO	46.76	1.067	4.98e6	1.13e6	429	7.3	1.10	bb
200801K1_6	1000	1.04	NO	46.76	1.067	1.28e7	1.18e6	1060	5.8	1.08	bb

Compound name: PCB-185

Response Factor: 1.40567

RRF SD: 0.0901625, Relative SD: 6.41419

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.06	NO	47.44	0.955	1.96e3	6.16e5	0.227	-9.4	1.27	bb
200801K1_2	1.00	1.04	NO	47.44	0.955	9.08e3	6.54e5	0.986	-1.4	1.39	bb

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Compound name: PCB-185

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.05	NO	47.44	0.955	2.33e4	7.01e5	2.37	-5.3	1.33	bb
200801K1_4	50.0	1.02	NO	47.44	0.955	4.98e5	6.87e5	53.2	6.4	1.50	bb
200801K1_5	400	1.04	NO	47.44	0.955	4.39e6	7.40e5	422	5.5	1.48	bb
200801K1_6	1000	1.04	NO	47.44	0.955	1.14e7	7.81e5	1040	4.1	1.48	bb

Compound name: PCB-174

Response Factor: 1.35369

RRF SD: 0.0944983, Relative SD: 6.9808

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.10	NO	47.80	0.962	1.90e3	6.16e5	0.228	-6.7	1.24	MM
200801K1_2	1.00	1.15	NO	47.82	0.962	8.12e3	6.54e5	0.918	-6.2	1.24	bd
200801K1_3	2.50	1.06	NO	47.82	0.962	2.37e4	7.01e5	2.50	0.2	1.36	bd
200801K1_4	50.0	1.04	NO	47.82	0.962	4.78e5	6.87e5	53.0	5.9	1.43	bd
200801K1_5	400	1.03	NO	47.82	0.962	4.29e6	7.40e5	428	7.1	1.45	bd
200801K1_6	1000	1.02	NO	47.82	0.962	1.10e7	7.81e5	1040	3.8	1.40	bd

Compound name: PCB-181

Response Factor: 1.47446

RRF SD: 0.117329, Relative SD: 7.9574

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rv	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.20	NO	47.91	0.964	2.03e3	6.16e5	0.224	-10.4	1.32	MM
200801K1_2	1.00	1.15	NO	47.91	0.964	1.02e4	6.54e5	1.06	6.2	1.57	dd
200801K1_3	2.50	1.07	NO	47.91	0.964	2.32e4	7.01e5	2.25	-10.0	1.33	dd
200801K1_4	50.0	1.03	NO	47.93	0.965	5.11e5	6.87e5	52.0	4.1	1.53	dd
200801K1_5	400	1.04	NO	47.93	0.965	4.60e6	7.40e5	422	5.5	1.56	dd
200801K1_6	1000	1.04	NO	47.93	0.965	1.21e7	7.81e5	1050	4.8	1.54	dd

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Compound name: PCB-177  
 Response Factor: 1.27779  
 RRF SD: 0.0954777, Relative SD: 7.4721  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	48.10	0.968	1.77e3	6.16e5	0.225	-10.2	1.15	MM
200601K1_2	1.00	1.02	NO	48.10	0.968	7.89e3	6.54e5	0.945	-5.5	1.21	dd
200601K1_3	2.50	1.13	NO	48.10	0.968	2.15e4	7.01e5	2.40	-3.9	1.23	MM
200601K1_4	50.0	1.04	NO	48.10	0.968	4.52e5	6.67e5	53.0	6.1	1.36	db
200601K1_5	400	1.04	NO	48.10	0.968	4.08e6	7.40e5	432	7.9	1.36	db
200601K1_6	1000	1.03	NO	48.10	0.968	1.05e7	7.81e5	1060	5.8	1.35	db

Compound name: PCB-171  
 Response Factor: 1.31619  
 RRF SD: 0.111307, Relative SD: 8.45674  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.15	NO	48.38	0.974	1.77e3	6.16e5	0.218	-12.6	1.15	MM
200601K1_2	1.00	0.99	NO	48.38	0.974	8.25e3	6.54e5	0.959	-4.1	1.26	MM
200601K1_3	2.50	0.98	NO	48.38	0.974	2.19e4	7.01e5	2.38	-4.9	1.25	MM
200601K1_4	50.0	1.03	NO	48.40	0.974	4.88e5	6.67e5	53.3	6.8	1.40	bd
200601K1_5	400	1.02	NO	48.40	0.974	4.19e6	7.40e5	431	7.8	1.42	bd
200601K1_6	1000	1.04	NO	48.40	0.974	1.10e7	7.81e5	1070	7.4	1.41	bd

Compound name: PCB-173  
 Response Factor: 1.18982  
 RRF SD: 0.0600259, Relative SD: 5.04452  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.84	0.983	1.75e3	6.16e5	0.238	-4.7	1.13	MM
200601K1_2	1.00	1.12	NO	48.84	0.983	7.51e3	6.54e5	0.968	-3.4	1.15	MM



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Compound name: PCB-173

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.03	NO	48.84	0.983	1.97e4	7.01e5	2.36	-5.5	1.12	MM
200601K1_4	50.0	1.06	NO	48.84	0.983	4.15e5	6.67e5	52.4	4.7	1.25	dd
200601K1_5	400	1.03	NO	48.84	0.983	3.70e6	7.40e5	420	5.0	1.25	dd
200601K1_6	1000	1.03	NO	48.84	0.983	9.66e6	7.81e5	1040	3.9	1.24	bb

Compound name: PCB-172

Response Factor: 1.37524

RRF SD: 0.11268, Relative SD: 8.20798

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.00	NO	49.29	0.992	1.87e3	6.16e5	0.221	-11.5	1.22	dd
200601K1_2	1.00	0.96	NO	49.29	0.992	8.89e3	6.54e5	0.967	-3.3	1.33	dd
200601K1_3	2.50	1.04	NO	49.29	0.992	2.25e4	7.01e5	2.34	-6.4	1.29	dd
200601K1_4	50.0	1.05	NO	49.29	0.992	4.86e5	6.67e5	53.0	5.9	1.46	dd
200601K1_5	400	1.03	NO	49.29	0.992	4.39e6	7.40e5	432	7.9	1.46	dd
200601K1_6	1000	1.04	NO	49.29	0.992	1.15e7	7.81e5	1070	7.4	1.46	dd

Compound name: PCB-192

Response Factor: 1.82672

RRF SD: 0.139002, Relative SD: 7.60937

Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rfy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.89	NO	49.48	0.996	3.10e3	8.16e5	0.278	10.3	2.02	MM
200601K1_2	1.00	1.10	NO	49.48	0.996	1.06e4	6.54e5	0.885	-11.5	1.62	dd
200601K1_3	2.50	1.05	NO	49.50	0.996	3.02e4	7.01e5	2.36	-5.7	1.72	dd
200601K1_4	50.0	1.03	NO	49.50	0.996	6.16e5	6.67e5	50.8	1.2	1.65	dd
200601K1_5	400	1.03	NO	49.50	0.996	5.80e6	7.40e5	414	3.6	1.89	dd
200601K1_6	1000	1.03	NO	49.50	0.996	1.46e7	7.81e5	1020	2.1	1.87	dd

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Compound name: PCB-180  
 Response Factor: 1.41175  
 RRF SD: 0.126648, Relative SD: 8.97102  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	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	RRF	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	RRF	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

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Compound name: PCB-191

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	0.92	NO	50.19	1.010	2.85e4	7.01e5	2.38	-5.0	1.62	MM
200601K1_4	50.0	1.00	NO	50.19	1.010	5.78e5	6.67e5	50.8	1.5	1.74	bb
200601K1_5	400	1.04	NO	50.19	1.010	5.29e6	7.40e5	418	4.6	1.79	dd
200601K1_6	1000	1.05	NO	50.19	1.010	1.36e7	7.81e5	1040	3.6	1.77	bd

Compound name: PCB-170

Response Factor: 1.40071

RRF SD: 0.105718, Relative SD: 7.54749

Response type: Internal Std ( Ref 206 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.10	NO	51.36	1.000	1.64e3	5.21e5	0.224	-10.3	1.26	MM
200601K1_2	1.00	0.97	NO	51.36	1.000	7.54e3	5.75e5	0.935	-6.5	1.31	MM
200601K1_3	2.50	1.08	NO	51.36	1.000	2.11e4	6.11e5	2.46	-1.4	1.38	MM
200601K1_4	50.0	1.04	NO	51.36	1.000	4.14e5	5.78e5	51.0	2.1	1.43	bd
200601K1_5	400	1.03	NO	51.36	1.000	3.73e6	6.11e5	436	9.0	1.53	bd
200601K1_6	1000	1.02	NO	51.36	1.000	9.85e6	6.57e5	1070	7.1	1.50	bd

Compound name: PCB-190

Response Factor: 1.85102

RRF SD: 0.142118, Relative SD: 7.67782

Response type: Internal Std ( Ref 206 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.07	NO	51.59	1.004	2.26e3	5.21e5	0.234	-6.3	1.73	MM
200601K1_2	1.00	1.09	NO	51.59	1.004	9.81e3	5.75e5	0.921	-7.9	1.71	MM
200601K1_3	2.50	1.11	NO	51.59	1.004	2.68e4	6.11e5	2.37	-5.3	1.75	MM
200601K1_4	50.0	1.00	NO	51.59	1.004	5.43e5	5.78e5	50.7	1.4	1.88	db
200601K1_5	400	1.04	NO	51.59	1.004	4.96e6	6.11e5	439	9.7	2.03	db
200601K1_6	1000	1.05	NO	51.59	1.004	1.32e7	6.57e5	1060	8.4	2.01	db

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Compound name: PCB-189

Response Factor: 1.4524

RRF SD: 0.0988417, Relative SD: 6.80541

Response type: Internal Std ( Ref 207 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	53.08	1.000	2.37e3	6.87e5	0.238	-5.0	1.38	MM
200601K1_2	1.00	1.00	NO	53.10	1.000	1.00e4	7.42e5	0.932	-6.8	1.35	MM
200601K1_3	2.50	1.09	NO	53.10	1.000	2.75e4	8.11e5	2.34	-6.5	1.36	MM
200601K1_4	50.0	1.03	NO	53.10	1.000	5.78e5	7.81e5	52.1	4.2	1.51	bb
200601K1_5	400	1.02	NO	53.10	1.000	5.04e6	8.07e5	430	7.5	1.56	bb
200601K1_6	1000	1.02	NO	53.10	1.000	1.34e7	8.85e5	1070	8.8	1.55	bb

Compound name: PCB-202

Response Factor: 1.16825

RRF SD: 0.08292, Relative SD: 7.09778

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.93	NO	48.59	1.000	1.92e3	6.72e5	0.245	-2.2	1.14	MM
200601K1_2	1.00	1.02	NO	48.61	1.000	7.83e3	7.55e5	0.888	-11.2	1.04	MM
200601K1_3	2.50	0.94	NO	48.61	1.000	2.18e4	7.88e5	2.43	-2.8	1.14	bb
200601K1_4	50.0	0.89	NO	48.61	1.000	4.58e5	7.74e5	50.8	1.3	1.18	bb
200601K1_5	400	0.91	NO	48.61	1.000	4.13e6	8.21e5	431	7.7	1.26	bb
200601K1_6	1000	0.91	NO	48.61	1.000	1.08e7	8.48e5	1070	7.2	1.25	bb

Compound name: PCB-201

Response Factor: 1.05277

RRF SD: 0.0608949, Relative SD: 5.78427

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.79	NO	49.10	1.011	1.71e3	6.72e5	0.241	-3.6	1.01	bd
200601K1_2	1.00	0.90	NO	49.10	1.010	7.27e3	7.55e5	0.915	-8.5	0.983	bd

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Compound name: PCB-201

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_3	2.50	0.94	NO	49.10	1.010	1.99e4	7.86e5	2.47	-1.2	1.04		bd
200601K1_4	50.0	0.91	NO	49.10	1.010	4.10e5	7.74e5	50.3	0.7	1.06		bd
200601K1_5	400	0.92	NO	49.10	1.010	3.66e6	8.21e5	424	6.0	1.12		bd
200601K1_6	1000	0.91	NO	49.10	1.010	9.50e6	8.46e5	1070	6.6	1.12		bd

Compound name: PCB-204

Response Factor: 1.1409

RRF SD: 0.0887975, Relative SD: 7.78308

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_1	0.250	0.77	NO	49.24	1.014	1.83e3	6.72e5	0.238	-4.6	1.09		MM
200601K1_2	1.00	0.89	NO	49.28	1.014	8.01e3	7.55e5	0.930	-7.0	1.06		db
200601K1_3	2.50	0.82	NO	49.26	1.014	2.04e4	7.86e5	2.34	-6.5	1.07		db
200601K1_4	50.0	0.90	NO	49.26	1.014	4.36e5	7.74e5	49.4	-1.2	1.13		db
200601K1_5	400	0.91	NO	49.28	1.014	4.07e6	8.21e5	435	8.7	1.24		db
200601K1_6	1000	0.91	NO	49.26	1.014	1.07e7	8.46e5	1110	10.6	1.26		db

Compound name: PCB-197

Response Factor: 1.13263

RRF SD: 0.0852075, Relative SD: 7.52295

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_1	0.250	0.99	NO	49.58	1.021	1.89e3	6.72e5	0.248	-0.9	1.12		MM
200601K1_2	1.00	1.01	NO	49.58	1.020	7.47e3	7.55e5	0.874	-12.6	0.989		bb
200601K1_3	2.50	0.99	NO	49.58	1.020	2.16e4	7.86e5	2.49	-0.4	1.13		MM
200601K1_4	50.0	0.90	NO	49.58	1.020	4.31e5	7.74e5	49.2	-1.6	1.11		bb
200601K1_5	400	0.91	NO	49.58	1.020	4.00e6	8.21e5	431	7.7	1.22		bb
200601K1_6	1000	0.89	NO	49.58	1.020	1.03e7	8.46e5	1080	7.8	1.22		bb

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Compound name: PCB-200  
 Response Factor: 1.07032  
 RRF SD: 0.0809843, Relative SD: 7.56448  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	1.00	NO	50.51	1.040	1.84e3	6.72e5	0.256	2.3	1.09	bb
2	200601K1_2	1.00	0.95	NO	50.51	1.039	7.00e3	7.55e5	0.866	-13.4	0.927	bb
3	200601K1_3	2.50	0.87	NO	50.51	1.039	2.02e4	7.66e5	2.46	-1.7	1.05	bb
4	200601K1_4	50.0	0.90	NO	50.53	1.040	4.10e5	7.74e5	49.5	-1.1	1.06	bb
5	200601K1_5	400	0.90	NO	50.53	1.040	3.78e6	8.21e5	430	7.5	1.15	bb
6	200601K1_6	1000	0.89	NO	50.53	1.040	9.83e6	8.48e5	1060	6.4	1.14	bb

Compound name: PCB-198  
 Response Factor: 0.793834  
 RRF SD: 0.0466547, Relative SD: 5.87713  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.81	NO	52.08	1.072	1.22e3	6.72e5	0.229	-8.4	0.727	MM
2	200601K1_2	1.00	0.84	NO	52.08	1.072	5.92e3	7.55e5	0.988	-1.2	0.784	bd
3	200601K1_3	2.50	0.85	NO	52.08	1.072	1.51e4	7.66e5	2.48	-0.9	0.787	bd
4	200601K1_4	50.0	0.91	NO	52.08	1.072	2.98e5	7.74e5	48.8	-2.9	0.771	bd
5	200601K1_5	400	0.89	NO	52.08	1.072	2.76e6	8.21e5	424	6.0	0.841	bd
6	200601K1_6	1000	0.89	NO	52.08	1.072	7.22e6	8.48e5	1070	7.5	0.853	bd

Compound name: PCB-199  
 Response Factor: 0.809242  
 RRF SD: 0.0640263, Relative SD: 7.91189  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.83	NO	52.21	1.075	1.18e3	6.72e5	0.216	-13.6	0.699	MM
2	200601K1_2	1.00	0.93	NO	52.19	1.074	6.27e3	7.55e5	1.03	2.7	0.831	db

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Compound name: PCB-199

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.00	NO	52.21	1.074	1.51e4	7.86e5	2.43	-2.8	0.786	MM
200801K1_4	50.0	0.92	NO	52.21	1.074	3.10e5	7.74e5	49.5	-1.0	0.801	db
200801K1_5	400	0.89	NO	52.21	1.074	2.81e6	8.21e5	424	5.9	0.857	db
200801K1_6	1000	0.90	NO	52.21	1.074	7.45e6	8.46e5	1090	8.8	0.881	db

Compound name: PCB-198/203

Response Factor: 0.838202

RRF SD: 0.0715006, Relative SD: 8.53023

Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.00	NO	52.50	1.081	2.91e3	6.72e5	0.518	3.1	0.884	bb
200801K1_2	2.00	0.93	NO	52.50	1.080	1.09e4	7.55e5	1.73	-13.8	0.724	bd
200801K1_3	5.00	0.94	NO	52.50	1.080	3.07e4	7.86e5	4.79	-4.3	0.802	MM
200801K1_4	100	0.90	NO	52.51	1.081	6.36e5	7.74e5	98.1	-1.9	0.822	bb
200801K1_5	800	0.91	NO	52.51	1.081	5.85e6	8.21e5	850	6.2	0.891	bb
200801K1_6	2000	0.91	NO	52.51	1.081	1.57e7	8.46e5	2210	10.4	0.926	bb

Compound name: PCB-195

Response Factor: 1.04444

RRF SD: 0.0883119, Relative SD: 8.45545

Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	RF	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	0.81	NO	53.79	0.983	1.54e3	6.54e5	0.225	-9.8	0.942	MM
200801K1_2	1.00	0.81	NO	53.79	0.983	6.86e3	6.72e5	0.948	-5.2	0.990	bb
200801K1_3	2.50	0.88	NO	53.79	0.983	1.83e4	7.55e5	2.32	-7.2	0.970	bb
200801K1_4	50.0	0.88	NO	53.81	0.984	3.74e5	6.85e5	52.4	4.7	1.09	bd
200801K1_5	400	0.89	NO	53.79	0.983	3.33e6	7.19e5	443	10.8	1.16	bd
200801K1_6	1000	0.90	NO	53.81	0.984	8.99e6	8.07e5	1070	6.6	1.11	bd

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Compound name: PCB-194  
 Response Factor: 1.11592  
 RRF SD: 0.0652125, Relative SD: 5.84384  
 Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.76	NO	54.72	1.000	1.92e3	6.54e5	0.262	4.9	1.17	MM
200801K1_2	1.00	0.91	NO	54.72	1.000	7.03e3	6.72e5	0.937	-6.3	1.05	bb
200801K1_3	2.50	0.91	NO	54.72	1.000	1.84e4	7.55e5	2.30	-6.1	1.03	bb
200801K1_4	50.0	0.88	NO	54.72	1.000	3.84e5	6.85e5	50.2	0.5	1.12	bb
200801K1_5	400	0.88	NO	54.72	1.000	3.39e6	7.19e5	422	5.5	1.18	bb
200801K1_6	1000	0.89	NO	54.72	1.000	9.32e6	8.07e5	1040	3.5	1.16	bb

Compound name: PCB-205  
 Response Factor: 1.28935  
 RRF SD: 0.0752087, Relative SD: 5.83305  
 Response type: Internal Std ( Ref 209 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.01	NO	54.99	1.005	1.97e3	6.54e5	0.233	-6.7	1.20	MM
200801K1_2	1.00	0.88	NO	54.99	1.005	8.47e3	8.72e5	0.977	-2.3	1.26	bb
200801K1_3	2.50	0.92	NO	54.99	1.005	2.29e4	7.55e5	2.35	-5.8	1.21	bb
200801K1_4	50.0	0.89	NO	54.99	1.005	4.55e5	6.85e5	51.5	3.1	1.33	bb
200801K1_5	400	0.87	NO	54.99	1.005	4.00e6	7.19e5	431	7.9	1.39	bb
200801K1_6	1000	0.88	NO	54.99	1.005	1.08e7	8.07e5	1040	3.9	1.34	bb

Compound name: PCB-208  
 Response Factor: 0.933088  
 RRF SD: 0.0782208, Relative SD: 8.383  
 Response type: Internal Std ( Ref 210 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	in/	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.28	NO	53.95	1.000	1.83e3	8.27e5	0.237	-5.3	0.884	bb
200801K1_2	1.00	1.34	NO	53.95	1.000	7.27e3	8.89e5	0.876	-12.4	0.818	bb



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Compound name: PCB-208

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.29	NO	53.95	1.000	2.17e4	9.56e5	2.43	-2.9	0.908	bb
200601K1_4	50.0	1.35	NO	53.95	1.000	4.38e5	9.09e5	51.6	3.3	0.964	bb
200601K1_5	400	1.35	NO	53.95	1.000	3.85e6	9.40e5	439	9.7	1.02	bb
200601K1_6	1000	1.34	NO	53.95	1.000	1.02e7	1.01e6	1080	7.8	1.00	bb

Compound name: PCB-207

Response Factor: 0.916302

RRF SD: 0.0559032, Relative SD: 6.10095

Response type: Internal Std ( Ref 210 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	54.29	1.007	1.83e3	6.27e5	0.242	-3.3	0.886	bb
200601K1_2	1.00	1.36	NO	54.29	1.007	7.48e3	8.89e5	0.915	-8.5	0.839	bb
200601K1_3	2.50	1.29	NO	54.29	1.007	2.13e4	9.56e5	2.44	-2.5	0.893	bb
200601K1_4	50.0	1.35	NO	54.29	1.007	4.18e5	9.09e5	50.2	0.4	0.920	bb
200601K1_5	400	1.32	NO	54.29	1.007	3.69e6	9.40e5	428	7.0	0.981	bb
200601K1_6	1000	1.32	NO	54.29	1.007	9.93e6	1.01e6	1070	6.9	0.979	bb

Compound name: PCB-206

Response Factor: 1.00741

RRF SD: 0.0633496, Relative SD: 6.28838

Response type: Internal Std ( Ref 211 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.24	NO	56.24	1.000	1.17e3	4.83e5	0.240	-4.2	0.965	bb
200601K1_2	1.00	1.28	NO	56.25	1.000	4.56e3	4.90e5	0.928	-7.2	0.935	bd
200601K1_3	2.50	1.39	NO	56.25	1.000	1.33e4	5.49e5	2.40	-4.0	0.987	bb
200601K1_4	50.0	1.35	NO	56.25	1.000	2.55e5	5.03e5	50.4	0.7	1.01	dd
200601K1_5	400	1.33	NO	56.25	1.000	2.21e6	5.04e5	435	8.8	1.10	dd
200601K1_6	1000	1.34	NO	56.25	1.000	5.91e6	5.54e5	1080	5.9	1.07	bd

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Compound name: PCB-209  
 Response Factor: 0.986438  
 RRF SD: 0.0459049, Relative SD: 4.6536  
 Response type: Internal Std ( Ref 212 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.31	NO	57.48	1.000	8.49e2	3.85e5	0.236	-5.8	0.930	bb
200601K1_2	1.00	1.14	NO	57.49	1.000	3.51e3	3.67e5	0.970	-3.0	0.957	bb
200601K1_3	2.50	1.20	NO	57.49	1.000	9.28e3	3.88e5	2.42	-3.1	0.956	bb
200601K1_4	50.0	1.19	NO	57.49	1.000	1.78e5	3.55e5	50.8	1.8	1.00	bb
200601K1_5	400	1.18	NO	57.49	1.000	1.45e6	3.47e5	424	6.0	1.05	bb
200601K1_6	1000	1.18	NO	57.49	1.000	3.98e6	3.87e5	1040	4.2	1.03	bb

Compound name: 13C-PCB-1  
 Response Factor: 0.893492  
 RRF SD: 0.0183374, Relative SD: 2.05233  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.27	NO	15.51	0.608	2.37e6	2.62e6	101	1.1	0.903	bb
200601K1_2	100	3.24	NO	15.52	0.608	2.53e6	2.80e6	101	1.1	0.903	bb
200601K1_3	100	3.25	NO	15.53	0.609	2.48e6	2.85e6	98.8	-3.4	0.863	bb
200601K1_4	100	3.38	NO	15.53	0.609	2.44e6	2.67e6	102	2.2	0.914	bb
200601K1_5	100	3.20	NO	15.53	0.609	2.52e6	2.81e6	100	0.3	0.896	bb
200601K1_6	100	3.24	NO	15.53	0.609	2.44e6	2.77e6	98.7	-1.3	0.882	bb

Compound name: 13C-PCB-3  
 Response Factor: 0.910947  
 RRF SD: 0.0156258, Relative SD: 1.71533  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	3.25	NO	18.16	0.711	2.41e6	2.62e6	101	1.0	0.920	bb
200601K1_2	100	3.30	NO	18.16	0.711	2.58e6	2.80e6	101	1.3	0.923	bb

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Compound name: 13C-PCB-3

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	3.32	NO	18.17	0.712	2.54e6	2.85e6	97.7	-2.3	0.890	bb
200801K1_4	100	3.19	NO	18.17	0.712	2.46e6	2.87e6	101	1.1	0.921	bb
200801K1_5	100	3.37	NO	18.17	0.712	2.58e6	2.81e6	101	1.1	0.921	bb
200801K1_6	100	3.32	NO	18.17	0.712	2.47e6	2.77e6	97.9	-2.1	0.892	bb

Compound name: 13C-PCB-4

Response Factor: 0.599965

RRF SD: 0.0112844, Relative SD: 1.87751

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.59	NO	19.51	0.765	1.57e6	2.62e6	99.7	-0.3	0.598	bb
200801K1_2	100	1.81	NO	19.52	0.765	1.72e6	2.80e6	102	2.1	0.613	bb
200801K1_3	100	1.80	NO	19.52	0.765	1.87e6	2.85e6	97.5	-2.5	0.585	bb
200801K1_4	100	1.80	NO	19.53	0.765	1.82e6	2.87e6	101	0.8	0.605	bb
200801K1_5	100	1.58	NO	19.52	0.765	1.72e6	2.81e6	102	1.7	0.610	bb
200801K1_6	100	1.58	NO	19.53	0.765	1.83e6	2.77e6	98.2	-1.8	0.589	bb

Compound name: 13C-PCB-9

Response Factor: 0.989602

RRF SD: 0.0158818, Relative SD: 1.63589

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.57	NO	21.33	0.836	2.57e6	2.62e6	101	1.2	0.981	bb
200801K1_2	100	1.57	NO	21.34	0.836	2.77e6	2.80e6	102	2.0	0.989	bb
200801K1_3	100	1.58	NO	21.35	0.836	2.71e6	2.85e6	98.0	-2.0	0.950	bb
200801K1_4	100	1.57	NO	21.35	0.836	2.81e6	2.87e6	101	0.6	0.975	bb
200801K1_5	100	1.58	NO	21.35	0.836	2.73e6	2.81e6	100	0.2	0.972	bb
200801K1_6	100	1.55	NO	21.35	0.836	2.83e6	2.77e6	98.1	-1.9	0.951	bb

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Compound name: 13C-PCB-11  
 Response Factor: 0.961529  
 RRF SD: 0.00722668, Relative SD: 0.751582  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.57	NO	24.76	0.971	2.53e6	2.62e6	100	0.5	0.966	bb
200601K1_2	100	1.57	NO	24.79	0.972	2.70e6	2.80e6	100	0.3	0.964	bb
200601K1_3	100	1.57	NO	24.80	0.972	2.71e6	2.85e6	98.9	-1.1	0.951	bb
200601K1_4	100	1.56	NO	24.80	0.972	2.56e6	2.87e6	99.5	-0.5	0.957	bb
200601K1_5	100	1.57	NO	24.80	0.972	2.70e6	2.81e6	99.8	-0.2	0.960	bb
200601K1_6	100	1.57	NO	24.60	0.972	2.69e6	2.77e6	101	1.0	0.971	bb

Compound name: 13C-PCB-19  
 Response Factor: 0.498883  
 RRF SD: 0.00572334, Relative SD: 1.14723  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.02	NO	23.75	0.931	1.32e6	2.62e6	101	0.8	0.503	bb
200601K1_2	100	1.03	NO	23.75	0.931	1.42e6	2.80e6	101	1.3	0.505	bb
200601K1_3	100	1.04	NO	23.76	0.931	1.39e6	2.85e6	98.1	-1.9	0.489	bb
200601K1_4	100	1.02	NO	23.76	0.931	1.33e6	2.67e6	99.5	-0.5	0.496	bb
200601K1_5	100	1.00	NO	23.76	0.931	1.40e6	2.81e6	99.8	-0.2	0.496	bb
200601K1_6	100	1.01	NO	23.76	0.931	1.39e6	2.77e6	101	0.5	0.501	bb

Compound name: 13C-PCB-32  
 Response Factor: 0.74412  
 RRF SD: 0.0231643, Relative SD: 3.11298  
 Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.04	NO	26.74	1.048	1.93e6	2.62e6	99.1	-0.9	0.737	bb
200601K1_2	100	1.05	NO	26.75	1.048	2.07e6	2.80e6	99.5	-0.5	0.741	bb

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Compound name: 13C-PCB-32

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.02	NO	28.75	1.048	2.03e6	2.85e6	95.5	-4.5	0.710	bb
200601K1_4	100	1.03	NO	28.75	1.048	1.97e6	2.87e6	99.2	-0.8	0.739	bb
200601K1_5	100	1.04	NO	28.75	1.048	2.13e6	2.81e6	102	2.0	0.759	bb
200601K1_6	100	1.05	NO	28.75	1.048	2.18e6	2.77e6	105	4.7	0.779	bb

Compound name: 13C-PCB-28

Response Factor: 1.06428

RRF SD: 0.0550204, Relative SD: 5.16973

Response type: Internal Std ( Ref 214 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	28.75	1.003	2.38e6	2.08e6	107	7.4	1.14	db
200601K1_2	100	1.04	NO	28.77	1.004	2.38e6	2.43e6	92.3	-7.7	0.983	db
200601K1_3	100	1.04	NO	28.77	1.004	2.33e6	2.26e6	97.0	-3.0	1.03	db
200601K1_4	100	1.04	NO	28.77	1.004	2.26e6	2.13e6	98.7	-0.3	1.06	db
200601K1_5	100	1.04	NO	28.77	1.004	2.40e6	2.24e6	100	0.4	1.07	db
200601K1_6	100	1.04	NO	28.77	1.004	2.39e6	2.18e6	103	3.2	1.10	db

Compound name: 13C-PCB-37

Response Factor: 0.989118

RRF SD: 0.0390859, Relative SD: 3.95159

Response type: Internal Std ( Ref 214 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.03	NO	32.75	1.143	2.11e6	2.08e6	102	2.5	1.01	bb
200601K1_2	100	1.02	NO	32.75	1.143	2.28e6	2.43e6	94.0	-8.0	0.930	bb
200601K1_3	100	1.05	NO	32.75	1.143	2.28e6	2.28e6	101	1.4	1.00	bb
200601K1_4	100	1.03	NO	32.75	1.143	2.09e6	2.13e6	99.2	-0.8	0.981	bb
200601K1_5	100	1.06	NO	32.75	1.143	2.17e6	2.24e6	97.8	-2.4	0.968	bb
200601K1_6	100	1.05	NO	32.77	1.143	2.27e6	2.18e6	105	5.3	1.04	bb

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**Compound name: 13C-PCB-54**

Response Factor: 0.99939

RRF SD: 0.0146278, Relative SD: 1.46368

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	rt	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	rt	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	rt	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

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**Compound name: 13C-PCB-47**

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	31.78	0.867	1.53e6	1.81e6	96.3	-1.7	0.843	bb
200601K1_4	100	0.78	NO	31.78	0.867	1.49e6	1.74e6	100	-0.0	0.857	bb
200601K1_5	100	0.78	NO	31.78	0.866	1.60e6	1.89e6	98.7	-1.3	0.846	bb
200601K1_6	100	0.78	NO	31.78	0.866	1.66e6	1.92e6	101	0.5	0.862	bb

**Compound name: 13C-PCB-70**

Response Factor: 0.995775

RRF SD: 0.0166908, Relative SD: 1.67616

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	35.40	0.965	1.70e6	1.67e6	102	2.3	1.02	bb
200601K1_2	100	0.79	NO	35.41	0.965	1.84e6	1.82e6	101	1.4	1.01	bb
200601K1_3	100	0.79	NO	35.41	0.965	1.79e6	1.81e6	99.4	-0.6	0.989	bb
200601K1_4	100	0.80	NO	35.41	0.965	1.73e6	1.74e6	100	0.1	0.997	bb
200601K1_5	100	0.79	NO	35.41	0.965	1.84e6	1.89e6	97.6	-2.4	0.972	bb
200601K1_6	100	0.79	NO	35.41	0.965	1.90e6	1.92e6	99.2	-0.8	0.988	bb

**Compound name: 13C-PCB-80**

Response Factor: 1.02819

RRF SD: 0.0132281, Relative SD: 1.28654

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	inj	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.80	NO	35.84	0.977	1.75e6	1.67e6	102	1.8	1.05	bb
200601K1_2	100	0.79	NO	35.84	0.977	1.87e6	1.82e6	100	-0.0	1.03	bb
200601K1_3	100	0.79	NO	35.84	0.977	1.86e6	1.81e6	99.7	-0.3	1.03	bb
200601K1_4	100	0.79	NO	35.84	0.977	1.79e6	1.74e6	100	0.2	1.03	bb
200601K1_5	100	0.80	NO	35.84	0.977	1.90e6	1.89e6	97.8	-2.2	1.01	db
200601K1_6	100	0.77	NO	35.84	0.977	1.99e6	1.92e6	100	0.5	1.03	bb

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**Compound name: 13C-PCB-81**

Response Factor: 0.987991

RRF SD: 0.0137248, Relative SD: 1.38916

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.04	1.084	1.85e6	1.87e6	99.8	-0.2	0.986	bd
2	200801K1_2	100	0.79	NO	39.04	1.084	1.76e6	1.82e6	98.0	-2.0	0.988	bd
3	200801K1_3	100	0.79	NO	39.04	1.084	1.80e6	1.81e6	100	0.5	0.993	bd
4	200801K1_4	100	0.80	NO	39.04	1.084	1.70e6	1.74e6	99.2	-0.8	0.980	bb
5	200801K1_5	100	0.78	NO	39.04	1.084	1.86e6	1.89e6	101	0.6	0.994	bd
6	200801K1_6	100	0.78	NO	39.04	1.084	1.94e6	1.92e6	102	2.0	1.01	bd

**Compound name: 13C-PCB-77**

Response Factor: 0.988731

RRF SD: 0.0228063, Relative SD: 2.35425

Response type: Internal Std ( Ref 215 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.79	NO	39.66	1.081	1.59e6	1.67e6	98.5	-1.5	0.954	bb
2	200801K1_2	100	0.78	NO	39.66	1.081	1.71e6	1.82e6	97.0	-3.0	0.940	bb
3	200801K1_3	100	0.79	NO	39.66	1.081	1.75e6	1.81e6	99.7	-0.3	0.966	bb
4	200801K1_4	100	0.80	NO	39.66	1.081	1.69e6	1.74e6	101	0.6	0.975	bb
5	200801K1_5	100	0.81	NO	39.66	1.081	1.84e6	1.89e6	100	0.2	0.970	bb
6	200801K1_6	100	0.80	NO	39.66	1.081	1.94e6	1.92e6	104	4.0	1.01	bb

**Compound name: 13C-PCB-104**

Response Factor: 1.01645

RRF SD: 0.0338582, Relative SD: 3.33102

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	1.58	NO	32.44	0.828	1.12e6	1.08e6	102	1.8	1.03	bb
2	200801K1_2	100	1.85	NO	32.46	0.827	1.26e6	1.18e6	105	4.9	1.07	bb



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Compound name: 13C-PCB-104

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.62	NO	32.46	0.827	1.20e6	1.17e6	100	0.4	1.02	bb
200601K1_4	100	1.59	NO	32.46	0.827	1.17e6	1.15e6	100	0.3	1.02	bb
200601K1_5	100	1.62	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb
200601K1_6	100	1.63	NO	32.46	0.827	1.28e6	1.31e6	96.3	-3.7	0.979	bb

Compound name: 13C-PCB-95

Response Factor: 0.805195

RRF SD: 0.0178744, Relative SD: 2.19504

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	35.71	0.910	8.86e5	1.08e6	102	1.5	0.817	bb
200601K1_2	100	1.82	NO	35.71	0.910	9.83e5	1.18e6	101	1.5	0.817	bb
200601K1_3	100	1.81	NO	35.71	0.910	9.53e5	1.17e6	101	1.1	0.814	bb
200601K1_4	100	1.84	NO	35.73	0.910	9.36e5	1.15e6	101	0.8	0.812	bb
200601K1_5	100	1.81	NO	35.73	0.910	1.01e6	1.31e6	95.8	-4.2	0.772	bb
200601K1_6	100	1.80	NO	35.73	0.910	1.05e6	1.31e6	99.3	-0.7	0.799	bb

Compound name: 13C-PCB-101

Response Factor: 0.792577

RRF SD: 0.0148513, Relative SD: 1.84857

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.86	NO	37.46	0.955	8.56e5	1.08e6	99.8	-0.4	0.789	bb
200601K1_2	100	1.87	NO	37.46	0.955	9.56e5	1.18e6	102	2.5	0.812	bb
200601K1_3	100	1.81	NO	37.46	0.955	9.39e5	1.17e6	101	1.2	0.802	bb
200601K1_4	100	1.80	NO	37.46	0.955	9.13e5	1.15e6	100	-0.0	0.793	bb
200601K1_5	100	1.80	NO	37.46	0.955	1.01e6	1.31e6	97.0	-3.0	0.769	bb
200601K1_6	100	1.87	NO	37.46	0.955	1.04e6	1.31e6	99.7	-0.3	0.790	bb

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Compound name: 13C-PCB-97  
 Response Factor: 0.696385  
 RRF SD: 0.00628075, Relative SD: 0.901907  
 Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	nY	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	nY	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	nY	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.64	NO	41.63	1.061	1.07e6	1.08e6	100	0.4	0.990	db
200601K1_2	100	1.62	NO	41.63	1.061	1.17e6	1.18e6	100	0.3	0.988	db

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Compound name: 13C-PCB-118

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_3	100	1.88	NO	41.85	1.081	1.16e6	1.17e6	100	0.3	0.989	db
200801K1_4	100	1.84	NO	41.85	1.081	1.12e6	1.15e6	98.8	-1.2	0.974	db
200801K1_5	100	1.83	NO	41.85	1.081	1.27e6	1.31e6	98.2	-1.8	0.987	db
200801K1_6	100	1.58	NO	41.85	1.081	1.32e6	1.31e6	102	2.0	1.01	db

Compound name: 13C-PCB-114

Response Factor: 1.54868

RRF SD: 0.0375936, Relative SD: 2.4308

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	42.30	0.908	1.38e6	8.47e5	104	4.0	1.81	bb
200801K1_2	100	1.55	NO	42.30	0.908	1.45e6	9.25e5	102	1.8	1.57	bb
200801K1_3	100	1.56	NO	42.32	0.908	1.47e6	9.70e5	97.9	-2.1	1.51	bb
200801K1_4	100	1.58	NO	42.32	0.908	1.41e6	9.28e5	98.2	-1.8	1.52	bb
200801K1_5	100	1.59	NO	42.32	0.908	1.52e6	1.00e6	98.3	-1.7	1.52	bb
200801K1_6	100	1.58	NO	42.32	0.908	1.58e6	1.02e6	100	0.0	1.55	bb

Compound name: 13C-PCB-105

Response Factor: 1.57244

RRF SD: 0.0487805, Relative SD: 3.10222

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X=dropped
200801K1_1	100	1.58	NO	43.19	0.927	1.40e6	8.47e5	105	5.1	1.85	dd
200801K1_2	100	1.55	NO	43.19	0.927	1.47e6	9.25e5	101	1.1	1.59	bd
200801K1_3	100	1.59	NO	43.21	0.927	1.49e6	9.70e5	98.0	-2.0	1.54	bd
200801K1_4	100	1.59	NO	43.21	0.927	1.42e6	9.28e5	97.4	-2.8	1.53	bb
200801K1_5	100	1.57	NO	43.21	0.927	1.53e6	1.00e6	97.2	-2.8	1.53	bd
200801K1_6	100	1.57	NO	43.21	0.927	1.62e6	1.02e6	101	1.2	1.59	dd

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**Compound name: 13C-PCB-127**

Response Factor: 1.82478

RRF SD: 0.0481809, Relative SD: 2.96539

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.56	NO	43.55	0.935	1.45e6	8.47e5	105	5.2	1.71	db
200801K1_2	100	1.57	NO	43.55	0.935	1.51e6	9.25e5	100	0.3	1.83	db
200801K1_3	100	1.57	NO	43.55	0.935	1.59e6	9.70e5	101	0.8	1.84	db
200801K1_4	100	1.56	NO	43.55	0.934	1.47e6	9.28e5	97.5	-2.5	1.58	bb
200801K1_5	100	1.56	NO	43.55	0.934	1.58e6	1.00e6	97.0	-3.0	1.58	db
200801K1_6	100	1.56	NO	43.55	0.934	1.64e6	1.02e6	99.2	-0.8	1.81	db

**Compound name: 13C-PCB-126**

Response Factor: 1.56796

RRF SD: 0.0317856, Relative SD: 2.02719

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.55	NO	45.51	0.978	1.33e6	8.47e5	100	0.0	1.57	bb
200801K1_2	100	1.56	NO	45.51	0.978	1.49e6	9.25e5	103	2.8	1.81	bb
200801K1_3	100	1.59	NO	45.51	0.978	1.54e6	9.70e5	101	1.0	1.58	bb
200801K1_4	100	1.54	NO	45.52	0.978	1.45e6	9.28e5	100	0.1	1.57	bb
200801K1_5	100	1.57	NO	45.51	0.978	1.51e6	1.00e6	98.4	-3.8	1.51	bb
200801K1_6	100	1.56	NO	45.52	0.978	1.80e6	1.02e6	99.8	-0.2	1.56	bb

**Compound name: 13C-PCB-155**

Response Factor: 0.614596

RRF SD: 0.0119449, Relative SD: 1.94354

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.28	NO	36.98	0.942	6.57e5	1.08e6	98.8	-1.4	0.606	bb
200801K1_2	100	1.28	NO	36.98	0.942	7.35e5	1.18e6	101	1.4	0.823	bb

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Compound name: 13C-PCB-155

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.32	NO	36.99	0.943	7.36e5	1.17e6	102	2.3	0.629	bb
200601K1_4	100	1.28	NO	36.99	0.943	7.19e5	1.15e6	102	1.5	0.624	bb
200601K1_5	100	1.35	NO	36.99	0.943	7.68e5	1.31e6	97.8	-2.2	0.601	bb
200601K1_6	100	1.32	NO	36.99	0.943	7.92e5	1.31e6	98.3	-1.7	0.604	bb

Compound name: 13C-PCB-153

Response Factor: 1.36484

RRF SD: 0.0310875, Relative SD: 2.27774

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.26	NO	43.36	0.930	1.21e6	8.47e5	104	4.5	1.43	bb
200601K1_2	100	1.25	NO	43.36	0.930	1.26e6	9.25e5	100	0.1	1.37	bb
200601K1_3	100	1.24	NO	43.36	0.930	1.30e6	9.70e5	98.2	-1.8	1.34	bb
200601K1_4	100	1.28	NO	43.36	0.930	1.25e6	9.26e5	99.1	-0.9	1.35	bb
200601K1_5	100	1.25	NO	43.36	0.930	1.35e6	1.00e6	98.8	-1.2	1.35	bb
200601K1_6	100	1.28	NO	43.36	0.930	1.38e6	1.02e6	99.4	-0.6	1.36	bb

Compound name: 13C-PCB-141

Response Factor: 1.12787

RRF SD: 0.0175764, Relative SD: 1.55838

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	44.12	0.947	9.74e5	8.47e5	102	1.9	1.15	bb
200601K1_2	100	1.28	NO	44.14	0.947	1.06e6	9.25e5	101	1.4	1.14	bb
200601K1_3	100	1.30	NO	44.14	0.947	1.10e6	9.70e5	100	0.4	1.13	bb
200601K1_4	100	1.28	NO	44.14	0.947	1.03e6	9.26e5	99.1	-0.9	1.12	bb
200601K1_5	100	1.26	NO	44.14	0.947	1.12e6	1.00e6	99.4	-0.6	1.12	bb
200601K1_6	100	1.26	NO	44.14	0.947	1.12e6	1.02e6	97.7	-2.3	1.10	bb

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

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Compound name: 13C-PCB-138  
 Response Factor: 1.18475  
 RRF SD: 0.015047, Relative SD: 1.27006  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.29	NO	44.99	0.965	1.00e6	8.47e5	99.7	-0.3	1.18	bb
200801K1_2	100	1.29	NO	44.99	0.965	1.11e6	9.25e5	101	1.0	1.20	bb
200801K1_3	100	1.29	NO	45.01	0.966	1.16e6	9.70e5	101	0.6	1.19	bb
200801K1_4	100	1.29	NO	45.01	0.965	1.07e6	9.28e5	97.9	-2.1	1.16	bb
200801K1_5	100	1.28	NO	45.01	0.965	1.18e6	1.00e6	99.5	-0.5	1.18	bb
200801K1_6	100	1.27	NO	45.01	0.985	1.22e6	1.02e6	101	1.3	1.20	bb

Compound name: 13C-PCB-159  
 Response Factor: 1.43942  
 RRF SD: 0.0195746, Relative SD: 1.3599  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	46.32	0.994	1.22e6	8.47e5	99.7	-0.3	1.44	bb
200801K1_2	100	1.28	NO	46.32	0.994	1.34e6	9.25e5	100	0.4	1.44	bd
200801K1_3	100	1.27	NO	46.32	0.994	1.38e6	9.70e5	99.0	-1.0	1.43	bd
200801K1_4	100	1.28	NO	46.34	0.994	1.33e6	9.28e5	99.7	-0.3	1.43	bd
200801K1_5	100	1.28	NO	46.34	0.994	1.42e6	1.00e6	98.7	-1.3	1.42	bd
200801K1_6	100	1.28	NO	46.34	0.994	1.51e6	1.02e6	103	2.5	1.48	bd

Compound name: 13C-PCB-167  
 Response Factor: 1.44018  
 RRF SD: 0.0216462, Relative SD: 1.50303  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	47.02	1.009	1.22e6	8.47e5	99.8	-0.4	1.43	bb
200801K1_2	100	1.28	NO	47.02	1.009	1.33e6	9.25e5	99.8	-0.4	1.43	bb

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Compound name: 13C-PCB-167

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	100	1.27	NO	47.04	1.009	1.39e6	9.70e5	99.8	-0.2	1.44	bb
200601K1_4	100	1.27	NO	47.04	1.009	1.36e6	9.26e5	102	1.9	1.47	bb
200601K1_5	100	1.25	NO	47.04	1.009	1.41e6	1.00e6	97.7	-2.3	1.41	bb
200601K1_6	100	1.26	NO	47.04	1.009	1.49e6	1.02e6	101	1.5	1.46	bb

Compound name: 13C-PCB-156

Response Factor: 1.39893

RRF SD: 0.0275437, Relative SD: 1.97173

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	48.37	1.038	1.16e6	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

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Compound name: 13C-PCB-189  
 Response Factor: 1.33116  
 RRF SD: 0.042515, Relative SD: 3.19384  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Ext. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	1.26	NO	50.90	1.092	1.12e6	8.47e5	99.2	-0.8	1.32	bb
2	200801K1_2	100	1.26	NO	50.90	1.092	1.19e6	9.25e5	96.3	-3.7	1.28	bb
3	200801K1_3	100	1.26	NO	50.90	1.092	1.33e6	9.70e5	103	3.1	1.37	bb
4	200801K1_4	100	1.26	NO	50.90	1.092	1.22e6	9.29e5	99.1	-0.9	1.32	bb
5	200801K1_5	100	1.25	NO	50.90	1.092	1.30e6	1.00e6	97.7	-2.3	1.30	bb
6	200801K1_6	100	1.27	NO	50.92	1.092	1.42e6	1.02e6	105	4.8	1.39	bb

Compound name: 13C-PCB-188  
 Response Factor: 1.40951  
 RRF SD: 0.0117086, Relative SD: 0.83069  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Ext. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.45	NO	42.99	0.926	9.28e5	6.60e5	99.8	-0.2	1.41	bb
2	200801K1_2	100	0.45	NO	42.99	0.926	1.02e6	7.21e5	100	-0.0	1.41	bb
3	200801K1_3	100	0.46	NO	42.99	0.926	1.03e6	7.29e5	101	0.7	1.42	bb
4	200801K1_4	100	0.46	NO	43.00	0.926	1.01e6	7.30e5	96.5	-1.5	1.39	bb
5	200801K1_5	100	0.46	NO	43.00	0.926	1.13e6	8.04e5	100	0.1	1.41	bb
6	200801K1_6	100	0.45	NO	43.00	0.926	1.18e6	8.32e5	101	0.9	1.42	bb

Compound name: 13C-PCB-180  
 Response Factor: 0.928881  
 RRF SD: 0.0198492, Relative SD: 2.11536  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Ext. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.46	NO	49.69	1.070	6.18e5	6.60e5	101	0.5	0.934	bd
2	200801K1_2	100	0.44	NO	49.69	1.070	6.54e5	7.21e5	97.6	-2.4	0.907	bd



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Compound name: 13C-PCB-180

Name	Std. Conc.	RA	Qty	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	Qty	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	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	53.08	1.143	6.87e5	6.60e5	99.6	-0.4	1.04	bb
200801K1_2	100	0.46	NO	53.08	1.143	7.42e5	7.21e5	98.5	-1.5	1.03	bb
200801K1_3	100	0.46	NO	53.08	1.143	8.11e5	7.29e5	108	6.4	1.11	bb
200801K1_4	100	0.46	NO	53.08	1.143	7.81e5	7.30e5	99.8	-0.2	1.04	bb
200801K1_5	100	0.46	NO	53.08	1.143	8.07e5	8.04e5	98.1	-3.9	1.00	bb
200801K1_6	100	0.47	NO	53.08	1.143	8.85e5	8.32e5	99.6	-0.4	1.04	bb

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Compound name: 13C-PCB-202  
 Response Factor: 1.03576  
 RRF SD: 0.0193089, Relative SD: 1.86423  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.94	NO	48.57	1.048	6.72e5	6.60e5	98.4	-1.6	1.02	bb
200601K1_2	100	0.93	NO	48.59	1.048	7.55e5	7.21e5	101	1.1	1.05	bb
200601K1_3	100	0.93	NO	48.59	1.048	7.66e5	7.29e5	101	1.4	1.05	bb
200601K1_4	100	0.91	NO	48.59	1.048	7.74e5	7.30e5	102	2.4	1.06	bb
200601K1_5	100	0.93	NO	48.59	1.048	8.21e5	8.04e5	98.5	-1.5	1.02	bb
200601K1_6	100	0.91	NO	48.59	1.048	8.48e5	8.32e5	98.2	-1.6	1.02	bb

Compound name: 13C-PCB-184  
 Response Factor: 0.768019  
 RRF SD: 0.0144259, Relative SD: 1.87833  
 Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.88	NO	54.70	0.995	6.54e5	6.59e5	99.2	-0.8	0.782	bb
200601K1_2	100	0.90	NO	54.70	0.995	6.72e5	6.91e5	98.2	-1.8	0.754	bb
200601K1_3	100	0.89	NO	54.70	0.995	7.55e5	9.85e5	99.9	-0.1	0.767	bb
200601K1_4	100	0.89	NO	54.70	0.995	6.85e5	6.96e5	99.3	-0.7	0.763	bb
200601K1_5	100	0.90	NO	54.70	0.995	7.19e5	9.37e5	99.9	-0.1	0.787	bb
200601K1_6	100	0.90	NO	54.70	0.995	8.07e5	1.01e6	104	3.6	0.796	bb

Compound name: 13C-PCB-208  
 Response Factor: 0.990772  
 RRF SD: 0.01981, Relative SD: 1.97926  
 Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	0.79	NO	53.94	0.981	8.27e5	8.59e5	97.1	-2.9	0.962	bb
200601K1_2	100	0.77	NO	53.94	0.981	8.89e5	8.91e5	101	0.7	0.998	bb

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Compound name: 13C-PCB-208

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	53.94	0.981	9.56e5	9.85e5	96.0	-2.0	0.971	bb
200601K1_4	100	0.79	NO	53.94	0.981	9.09e5	8.98e5	102	2.1	1.01	bb
200601K1_5	100	0.78	NO	53.94	0.981	9.40e5	9.37e5	101	1.2	1.00	bb
200601K1_6	100	0.78	NO	53.94	0.981	1.01e6	1.01e6	101	0.9	0.999	bb

Compound name: 13C-PCB-206

Response Factor: 0.552205

RRF SD: 0.00935022, Relative SD: 1.69325

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	0.78	NO	56.24	1.023	4.83e5	8.59e5	102	1.8	0.562	dd
200601K1_2	100	0.81	NO	56.24	1.023	4.90e5	8.91e5	99.5	-0.5	0.550	dd
200601K1_3	100	0.78	NO	56.24	1.023	5.49e5	9.85e5	101	1.0	0.558	bb
200601K1_4	100	0.80	NO	56.24	1.023	5.03e5	8.98e5	101	1.4	0.560	dd
200601K1_5	100	0.78	NO	56.24	1.023	5.04e5	9.37e5	97.4	-2.8	0.538	bd
200601K1_6	100	0.78	NO	56.24	1.023	5.54e5	1.01e6	99.0	-1.0	0.547	db

Compound name: 13C-PCB-209

Response Factor: 0.396384

RRF SD: 0.0196712, Relative SD: 4.96267

Response type: Internal Std ( Ref 219 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	Hy	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	100	1.23	NO	57.48	1.046	3.65e5	8.59e5	107	7.2	0.425	bb
200601K1_2	100	1.16	NO	57.48	1.046	3.67e5	8.91e5	104	3.8	0.411	bb
200601K1_3	100	1.18	NO	57.48	1.046	3.88e5	9.85e5	99.5	-0.5	0.394	bb
200601K1_4	100	1.18	NO	57.48	1.046	3.55e5	8.98e5	99.8	-0.2	0.396	bb
200601K1_5	100	1.19	NO	57.48	1.046	3.47e5	9.37e5	93.4	-6.6	0.370	bb
200601K1_6	100	1.19	NO	57.48	1.046	3.87e5	1.01e6	98.3	-3.7	0.382	bb

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-CRVB.qld

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**Compound name: 13C-PCB-15**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 213 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	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

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Compound name: 13C-PCB-80

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_3	100	0.78	NO	36.68	0.000	1.81e6	1.81e6	100	0.0	1.00	bb
200801K1_4	100	0.79	NO	36.68	0.000	1.74e6	1.74e6	100	0.0	1.00	bb
200801K1_5	100	0.78	NO	36.70	0.000	1.89e6	1.89e6	100	0.0	1.00	bb
200801K1_6	100	0.78	NO	36.70	0.000	1.92e6	1.92e6	100	0.0	1.00	bb

Compound name: 13C-PCB-111

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 216 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	100	1.62	NO	39.25	0.000	1.08e6	1.08e6	100	0.0	1.00	bb
200801K1_2	100	1.62	NO	39.25	0.000	1.18e6	1.18e6	100	0.0	1.00	bb
200801K1_3	100	1.62	NO	39.25	0.000	1.17e6	1.17e6	100	0.0	1.00	db
200801K1_4	100	1.60	NO	39.25	0.000	1.15e6	1.15e6	100	0.0	1.00	bb
200801K1_5	100	1.62	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00	bb
200801K1_6	100	1.63	NO	39.25	0.000	1.31e6	1.31e6	100	0.0	1.00	bb

Compound name: 13C-PCB-128

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ry	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	100	1.28	NO	46.60	0.000	8.47e5	8.47e5	100	0.0	1.00	bb
200801K1_2	100	1.27	NO	46.60	0.000	9.25e5	9.25e5	100	0.0	1.00	db
200801K1_3	100	1.25	NO	46.60	0.000	9.70e5	9.70e5	100	0.0	1.00	db
200801K1_4	100	1.26	NO	46.62	0.000	9.26e5	9.26e5	100	0.0	1.00	db
200801K1_5	100	1.26	NO	46.62	0.000	1.00e6	1.00e6	100	0.0	1.00	db
200801K1_6	100	1.27	NO	46.62	0.000	1.02e6	1.02e6	100	0.0	1.00	db

Dataset: U:\VG11.PRO\Results\200801K1\200801K1-CRVB.qld

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**Compound name: 13C-PCB-182**

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	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  
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Compound name: 13C-PCB-79

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
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

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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
200801K1_1	100	0.48	NO	45.87	0.923	6.59e5	6.16e5	102	1.8	1.07	bb
200801K1_2	100	0.45	NO	45.87	0.923	7.16e5	6.54e5	104	4.2	1.10	bb
200801K1_3	100	0.44	NO	45.88	0.923	7.23e5	7.01e5	98.2	-1.8	1.03	bb
200801K1_4	100	0.48	NO	45.88	0.923	7.30e5	6.67e5	104	4.2	1.10	bb
200801K1_5	100	0.44	NO	45.88	0.923	7.55e5	7.40e5	97.2	-2.8	1.02	bb
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

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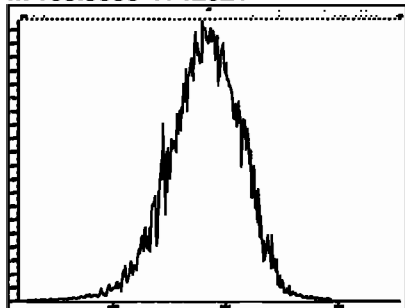
Compound name: PCB-1

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200601K1_3	ST200601K1-3 PCB 209 CS2 19G2808	01-Jun-20	14:19:00
200601K1_4	ST200601K1-4 PCB 209 CS3 19G2809	01-Jun-20	15:19:46
200601K1_5	ST200601K1-5 PCB 209 CS4 19G2810	01-Jun-20	16:20:32
200601K1_8	ST200601K1-6 PCB 209 CS5 19G2811	01-Jun-20	17:21:13
200601K1_7	SS200601K1-1 PCB 209 SS 19G2812	01-Jun-20	18:21:53
200601K1_8	B0E0091-BS2 OPR 1	01-Jun-20	19:22:39
200601K1_9	B0D0045-BS4 OPR 1	01-Jun-20	20:23:05
200601K1_10	B0D0029-BS2 OPR 10	01-Jun-20	21:22:15
200601K1_11	B0D0029-BS3 OPR 10	01-Jun-20	22:24:28
200601K1_12	B0D0028-BS2 OPR 10	01-Jun-20	23:24:52
200601K1_13	B0D0028-BS3 OPR 10	02-Jun-20	00:24:00
200601K1_14	B0E0089-BS1 OPR 1	02-Jun-20	01:28:11

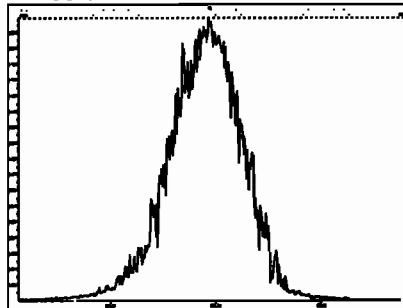
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Printed: Monday, June 01, 2020 12:03:14 Pacific Daylight Time

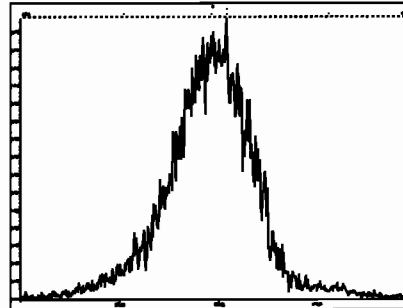
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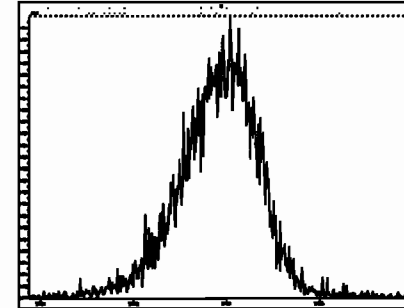
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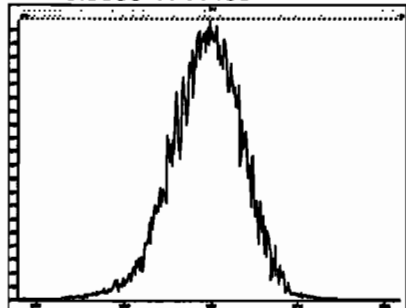
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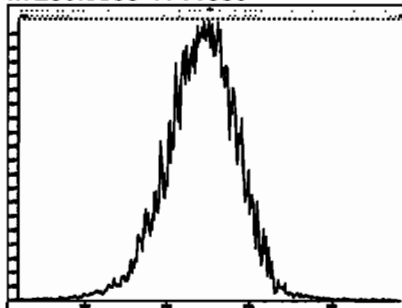
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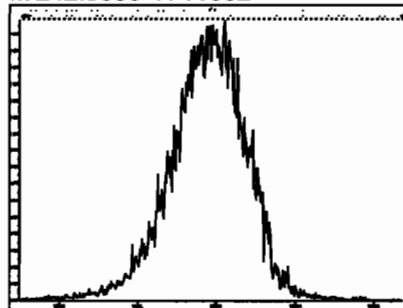
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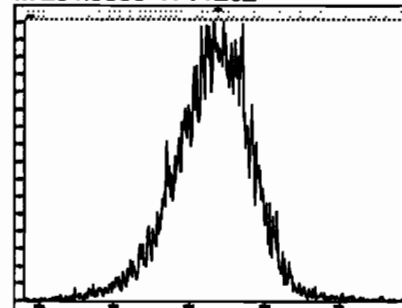
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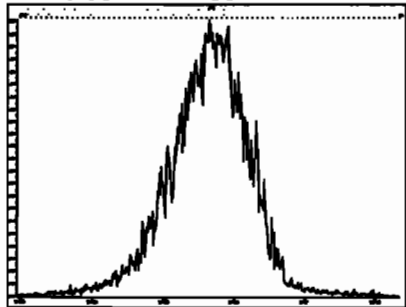
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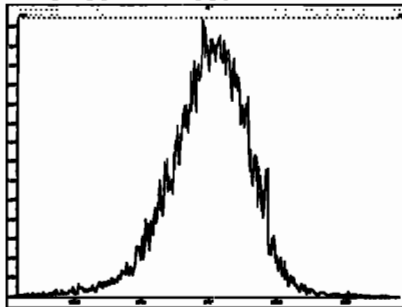
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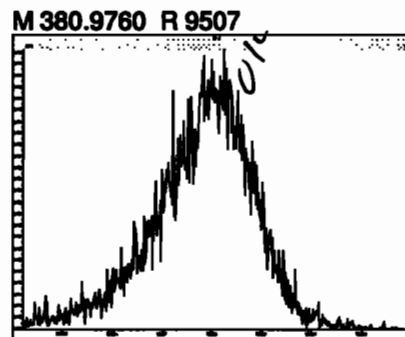
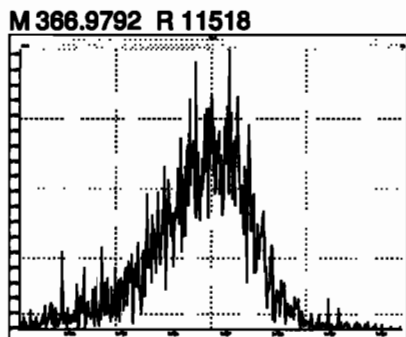
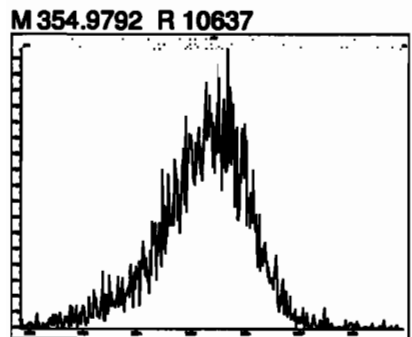
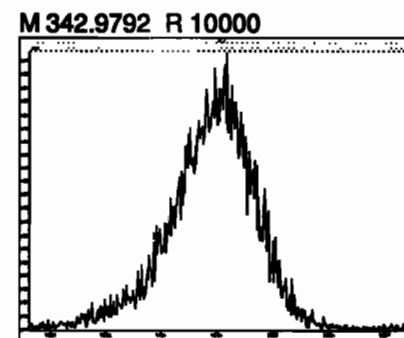
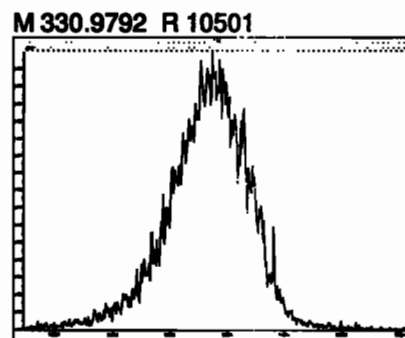
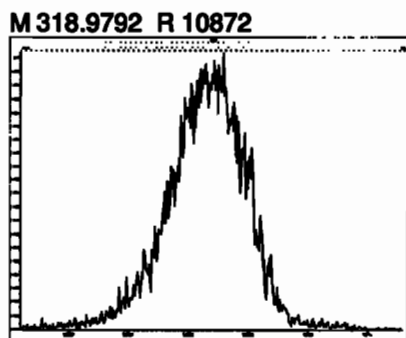
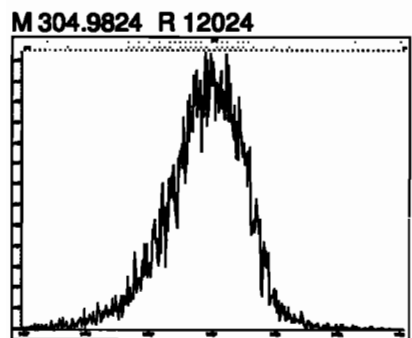
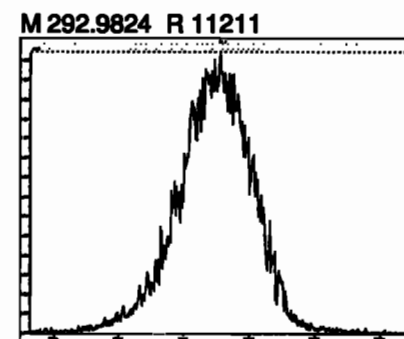
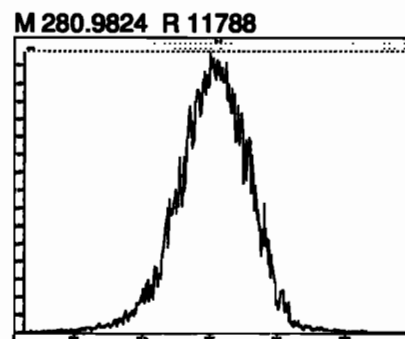
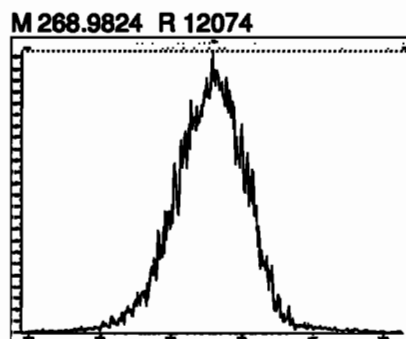
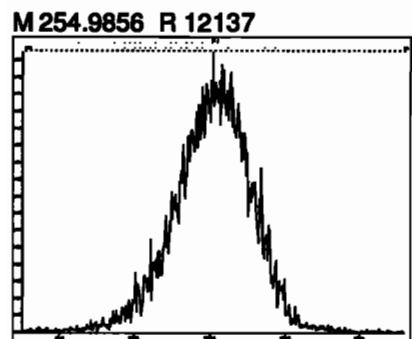


M 280.9824 R 10634



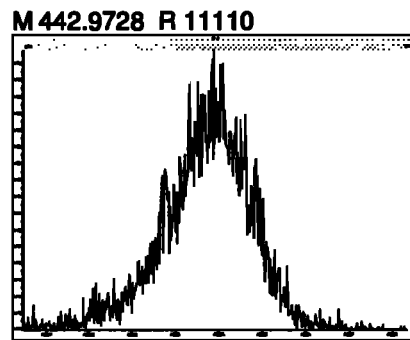
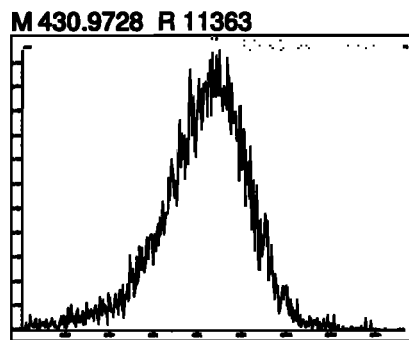
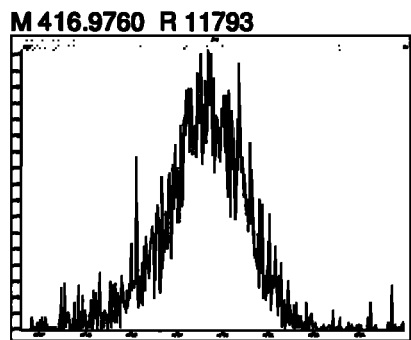
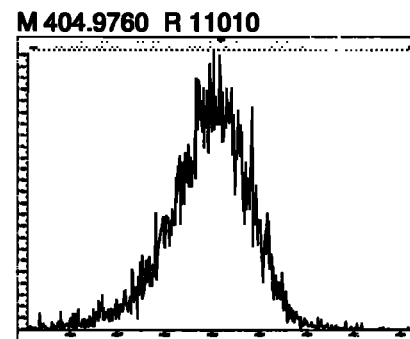
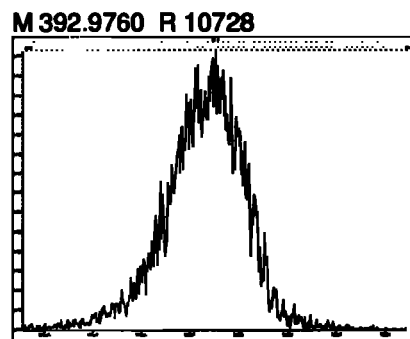
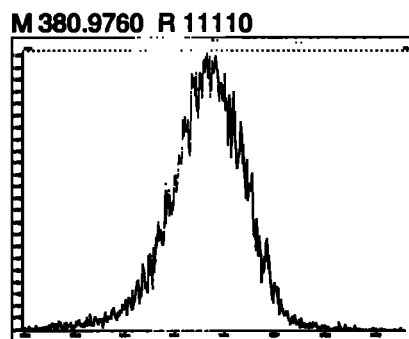
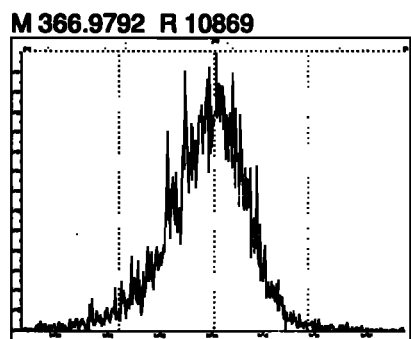
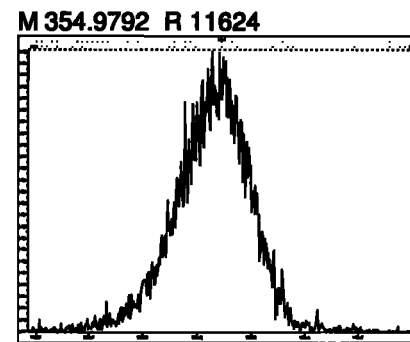
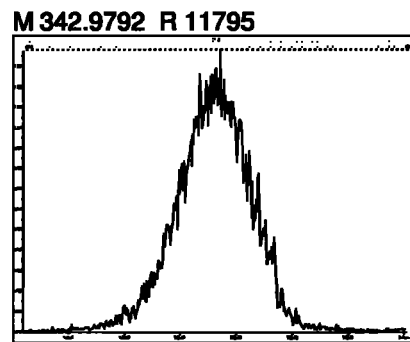
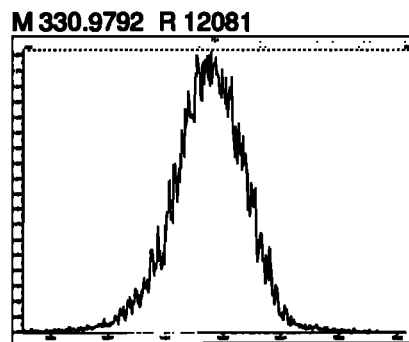
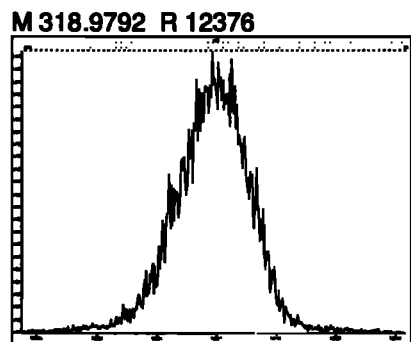
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Printed: Monday, June 01, 2020 12:06:35 Pacific Daylight Time



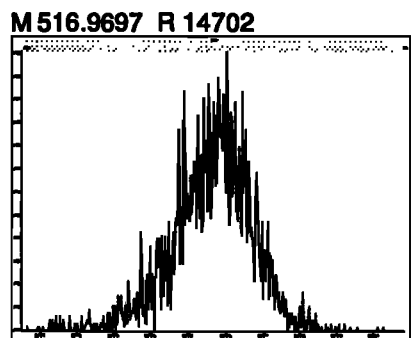
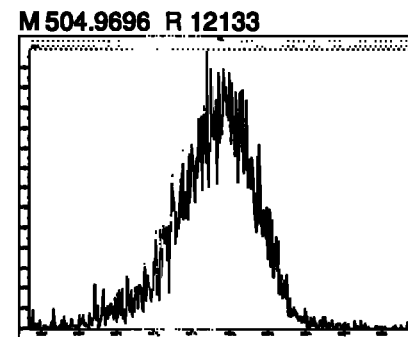
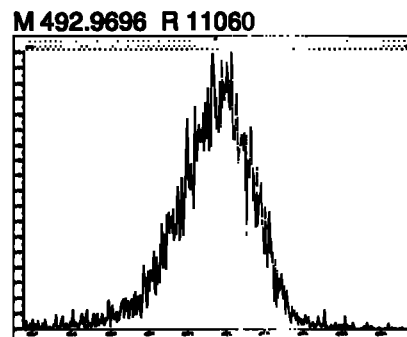
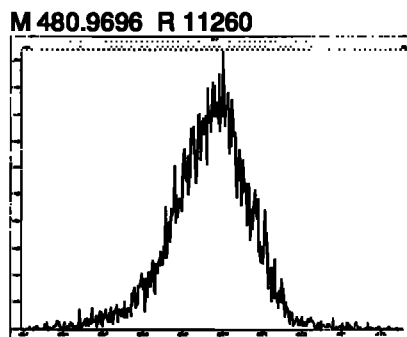
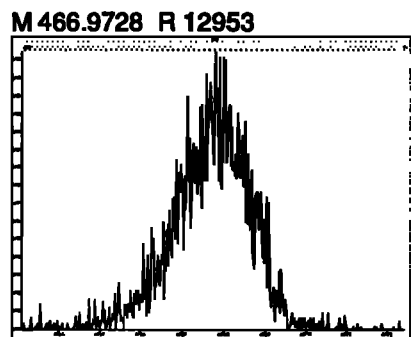
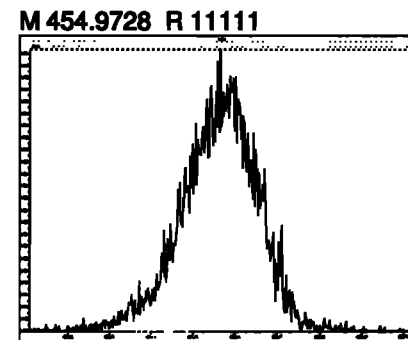
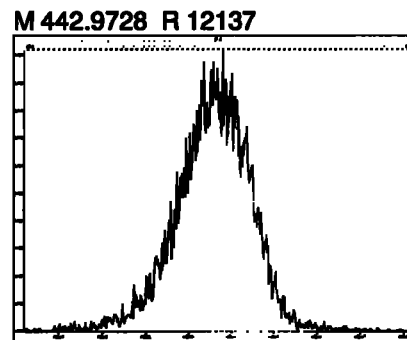
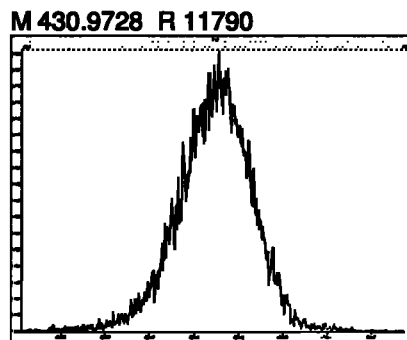
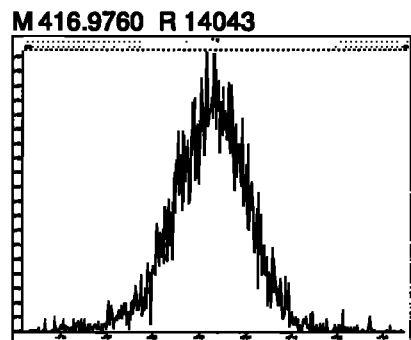
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Printed: Monday, June 01, 2020 12:12:00 Pacific Daylight Time



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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

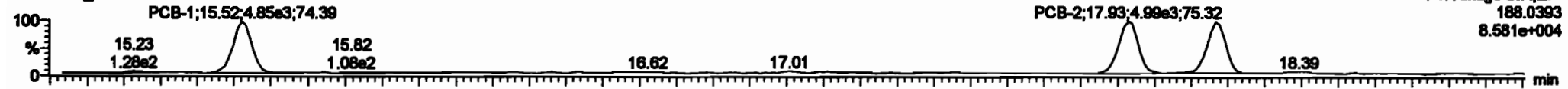
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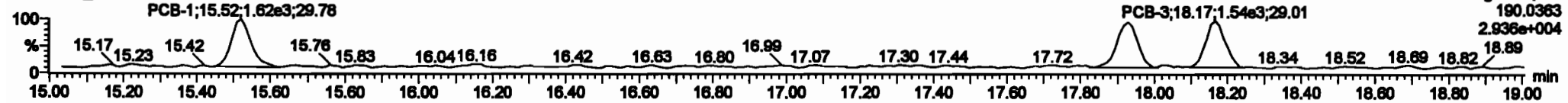
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PCB-1

200601K1\_1



200601K1\_1

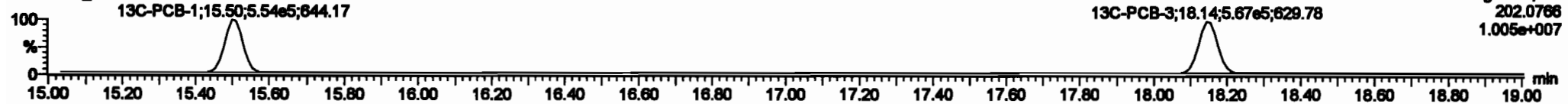


13C-PCB-1

200601K1\_1

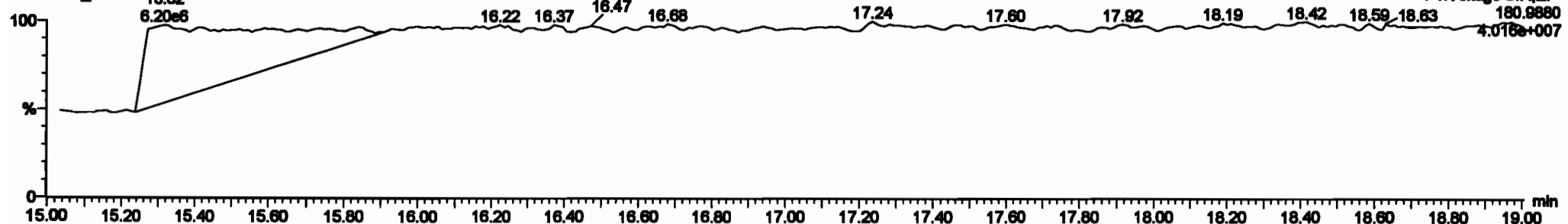


200601K1\_1



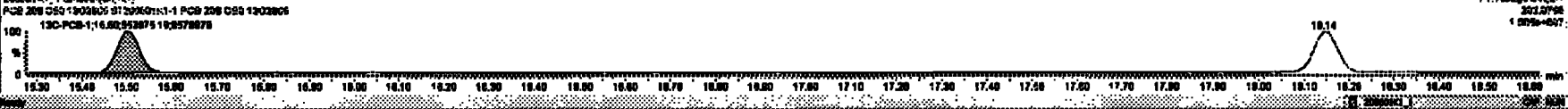
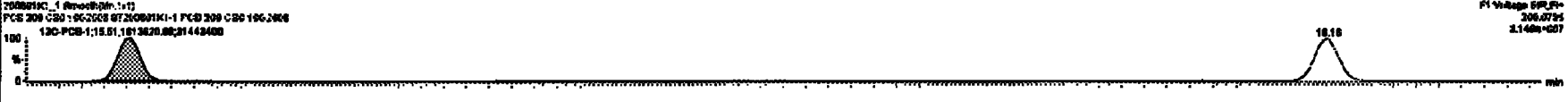
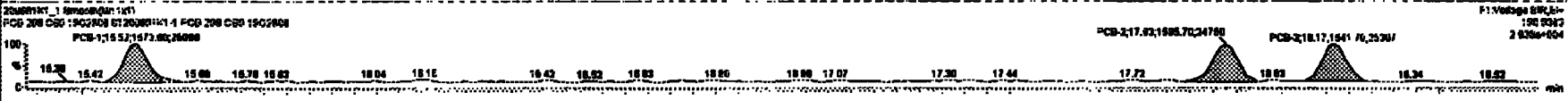
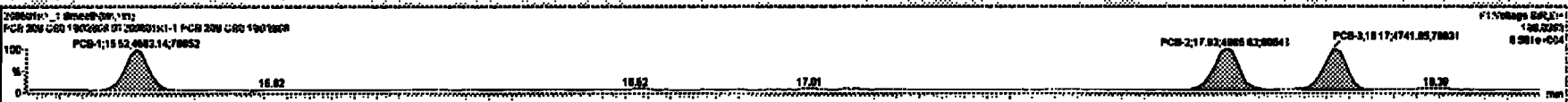
PFK1

200601K1\_1



Peak	Time	Area	Height	Width	Skewness	Kurtosis	SN	Ident	Conf	Int	Ext	Int	Ext	Int	Ext	Int	Ext	Int	Ext
216	13C-PCB-40	1.89e6	0.70	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0	100	0.0000					
218	13C-PCB-111	1.00e6	1.02	NO	1.0000	1.000	30.26	30.26	1.000	0.000	NO	100.0	100	0.0016					
217	13C-PCB-139	0.47e6	1.28	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.0084					
218	13C-PCB-102	0.80e6	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0018					
218	13C-PCB-205	0.89e6	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148					
220	13C-PCB-79	1.89e6	0.70	NO	1.0000	1.000	37.78	37.78	1.000	1.000	NO	102.2	102	0.0087					
221	13C-PCB-178	0.89e6	0.48	NO	0.7888	1.000	48.80	48.87	0.000	0.000	NO	101.5	101	0.0030					
222	13C-PCB-79	1.89e6	0.70	NO	1.0021	1.000	37.78	37.78	0.000	0.000	NO	102.5	102	0.0088					
223	13C-PCB-178	0.89e6	0.48	NO	1.0000	1.000	48.87	48.87	0.000	0.000	NO	101.8	102	0.0082					
225	Total PCBs				1.0007	1.000	8.80		0.000	0.000	NO	2.076		0.276		2.076			
226	Total PCBs 14-PCBs				1.0007	1.000	8.80		0.000	0.000	NO	1.000		0.104		1.000			

Peak	Time	Area	Height	Width	Skewness	Kurtosis	SN	Ident	Conf	Int	Ext	Int	Ext	Int	Ext	Int	Ext	Int	Ext
1	PCB-1	15.92	16.62	4.89e6	1.57e6	5.100	2.00	NO	0.2200	0.2200									
2	PCB-2	17.26	17.68	4.89e6	1.57e6	5.100	2.12	NO	0.2810	0.2807									
3	PCB-3	18.17	18.17	4.74e6	1.62e6	5.100	2.08	NO	0.2270	0.2268									



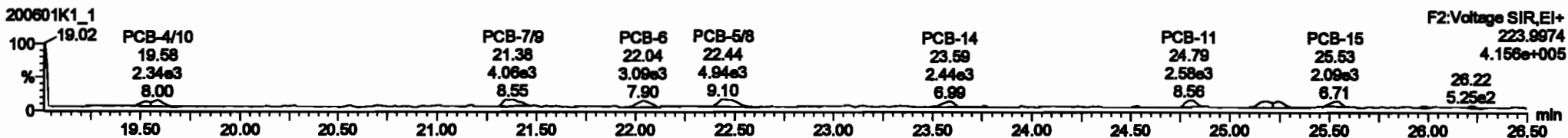
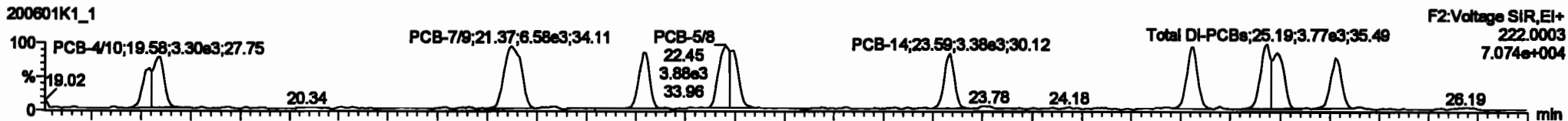


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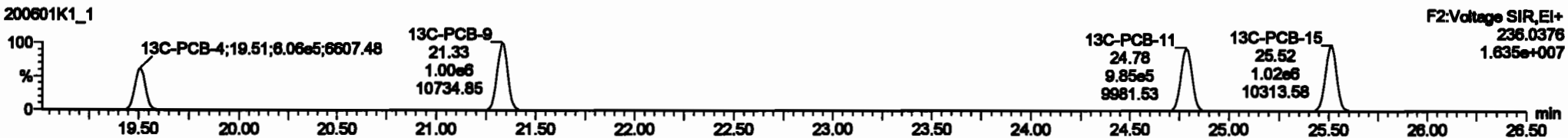
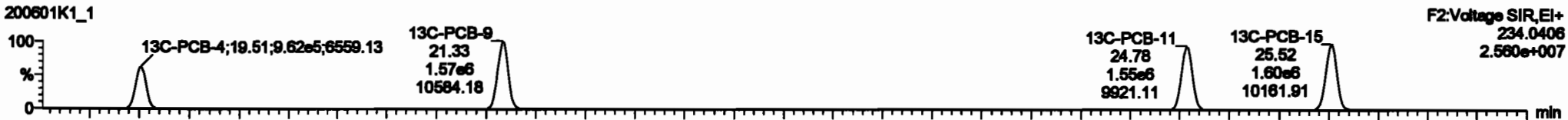
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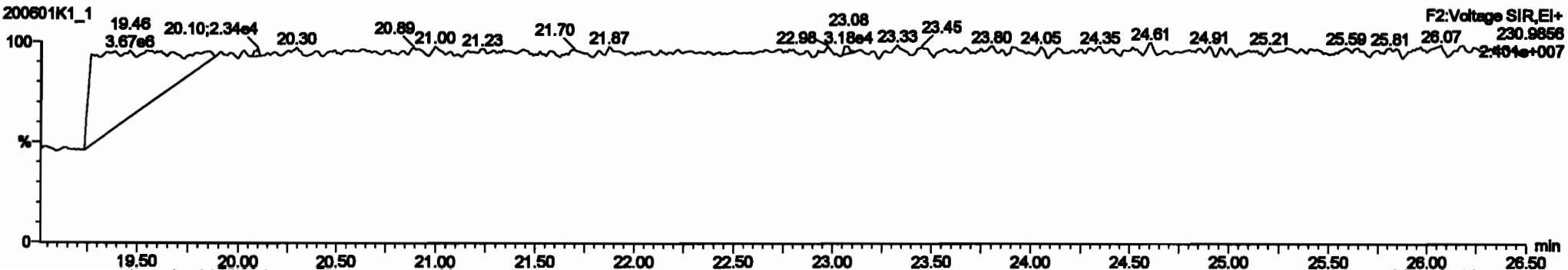
**PCB-4/10**



**13C-PCB-4**

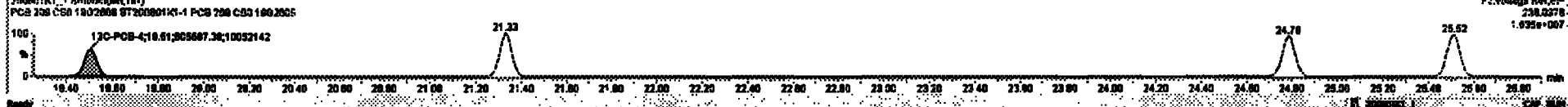
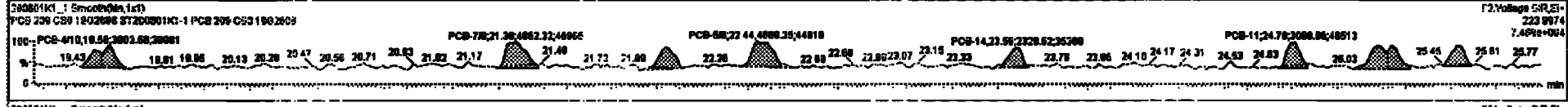


**PFK2a**



PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
216	13C-PCB-88	1.82e6	0.78	NO	1.0000	1.000	38.88	38.88	1.800	0.000	NO	180.0	180	0.0808	
216	13C-PCB-111	1.82e6	1.82	NO	1.0000	1.000	38.25	38.25	1.800	0.000	NO	180.0	180	0.0915	
217	13C-PCB-128	8.47e6	1.28	NO	1.0000	1.000	48.80	48.80	1.800	0.000	NO	180.0	180	0.0884	
218	13C-PCB-162	8.89e6	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0818	
219	13C-PCB-208	8.89e6	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148	
220	13C-PCB-78	1.82e6	0.78	NO	1.0000	1.000	37.78	37.78	1.000	1.000	NO	102.2	102	0.0887	
221	13C-PCB-178	8.89e6	0.48	NO	0.7086	1.000	46.87	46.87	0.888	0.888	NO	101.8	101	0.0828	
222	13C-PCB-78	1.82e6	0.78	NO	1.0021	1.000	37.78	37.78	0.888	0.888	NO	102.8	102	0.0888	
223	13C-PCB-178	8.89e6	0.48	NO	1.0028	1.000	46.87	46.87	0.823	0.823	NO	101.8	102	0.0822	
224	Total Micro-PCBs				1.8887	1.000	0.00	0.00			NO	0.832		0.0248	0.8330
225	Total Macro-PCBs														0.7772
226	Total PCBs														1.6102
228	Total Fraction TM-PCBs				1.8887	1.000	0.00	0.00			NO	1.838		0.404	1.828

PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
4	PCB-478	19.88	19.88	5.44e3	3.88e3	1.888	1.28	NO	0.4770	0.4774					
5	PCB-78	21.28	21.27	8.88e3	4.88e3	1.888	1.27	NO	0.4870	0.4882					
6	PCB-9	22.88	22.84	3.78e3	2.78e3	1.888	1.28	NO	0.2488	0.2482					
7	PCB-58	22.44	22.45	8.87e3	4.88e3	1.888	1.47	NO	0.4828	0.4827					
8	PCB-14	23.88	23.88	3.47e3	2.32e3	1.888	1.48	NO	0.2288	0.2283					
9	PCB-11	24.88	24.81	4.18e3	3.08e3	1.888	1.24	NO	0.2848	0.2843					
10	PCB-128	28.28	28.18	7.78e3	6.78e3	1.888	1.28	NO	0.8188	0.8188					
11	PCB-15	28.84	28.83	3.82e3	2.81e3	1.888	1.48	NO	0.2218	0.2288					

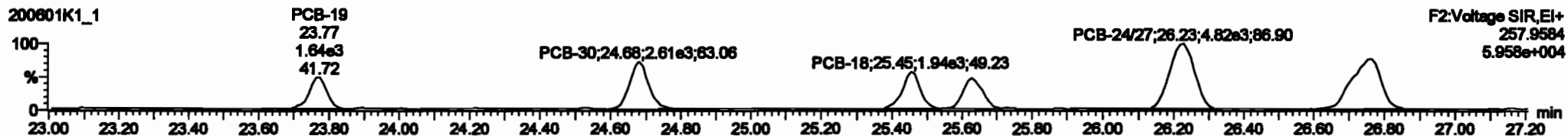
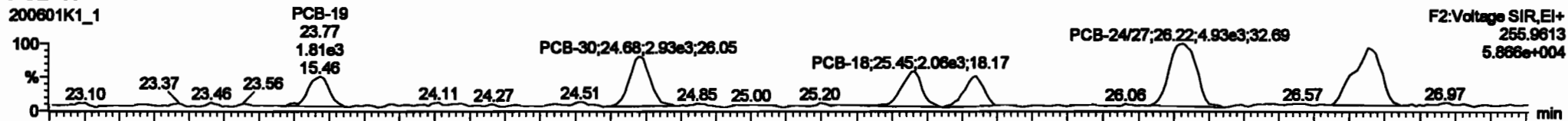


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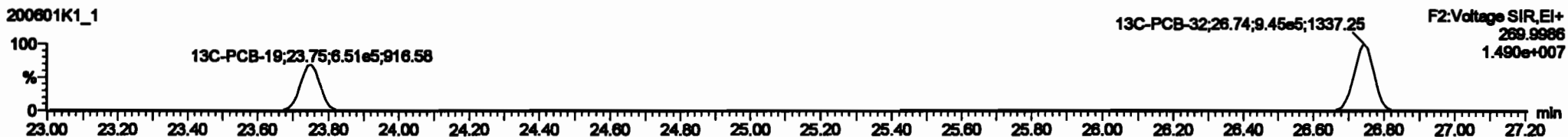
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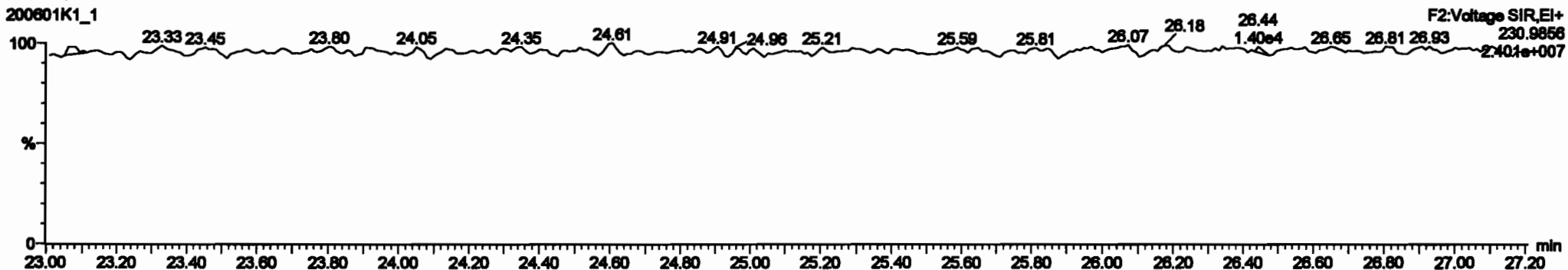
**PCB-19**



**13C-PCB-19**

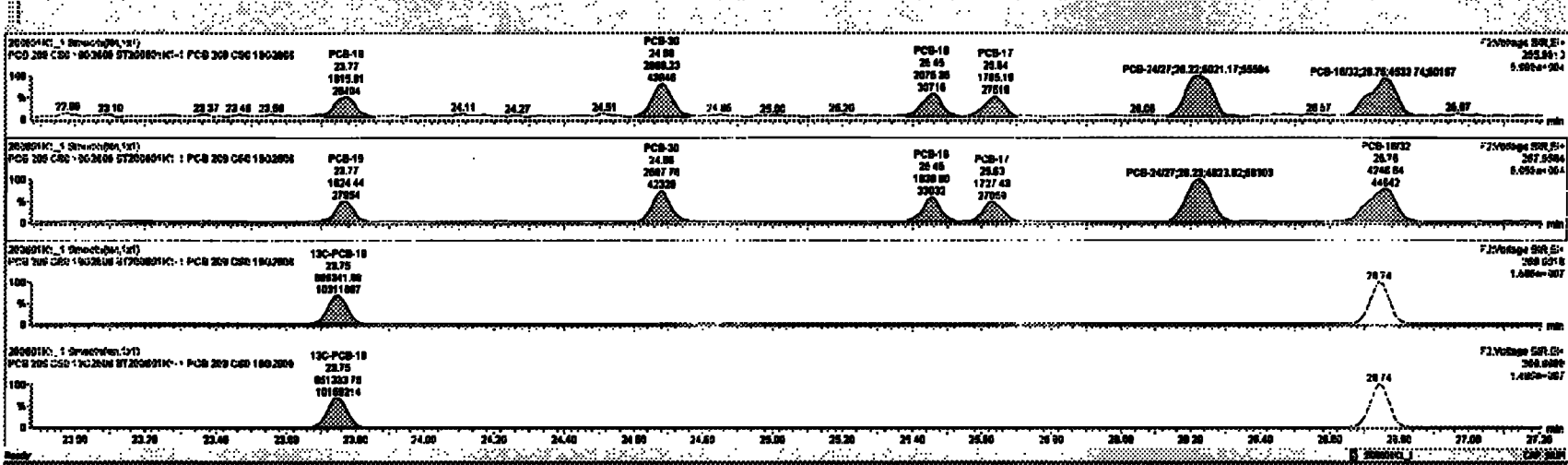


**PFK2b**



PCB No.	PCB Name	Area	Height	Width	Volume	Weight	Length	Width	Height	Volume	Weight	Length	Width	Height	Volume	Weight
216	13C-PCB-09	1.07e6	0.70	NO	1.0000	1.000	20.00	20.00	1.000	0.000	NO	100.0	100	0.0000		
216	13C-PCB-111	1.07e6	1.02	NO	1.0000	1.000	20.25	20.25	1.000	0.000	NO	100.0	100	0.0016		
217	13C-PCB-128	0.07e6	1.20	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0	100	0.0004		
216	13C-PCB-167	0.00e6	0.40	NO	1.0000	1.000	40.40	40.40	0.000	0.000	NO	100.0	100	0.0010		
216	13C-PCB-205	0.00e6	0.00	NO	1.0000	1.000	04.00	04.00	1.000	0.000	NO	100.0	100	0.140		
200	13C-PCB-70	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	1.000	1.000	NO	100.0	100	0.0007		
201	13C-PCB-170	0.00e6	0.40	NO	0.7000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000		
200	13C-PCB-70	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	0.000	0.000	NO	100.0	100	0.0000		
100	13C-PCB-170	0.00e6	0.40	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000		
200	Total Mass-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.0000	0.0000	0.0000		
200	Total BL-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.0000	0.0000	0.0000		

PCB No.	PCB Name	Area	Height	Width	Volume	Weight	Length	Width	Height	Volume	Weight
13	PCB-10	20.70	23.77	1.00e6	1.00e6	1.000	1.12	NO	0.20000	0.20000	
13	PCB-30	24.00	24.00	2.00e6	2.00e6	1.000	1.15	NO	0.20000	0.20010	
14	PCB-10	20.40	20.40	2.00e6	1.00e6	1.000	1.07	NO	0.20000	0.20011	
15	PCB-17	20.00	20.00	1.70e6	1.70e6	1.000	1.06	NO	0.20000	0.20000	
16	PCB-247	20.20	20.22	5.00e6	4.00e6	1.000	1.01	NO	0.07000	0.07000	
17	PCB-1000	20.70	20.70	4.00e6	4.00e6	1.000	1.07	NO	0.00000	0.00000	

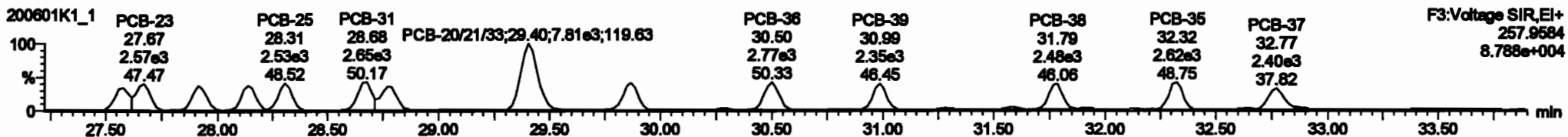
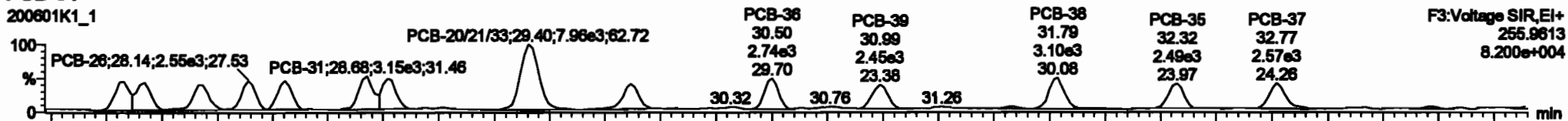


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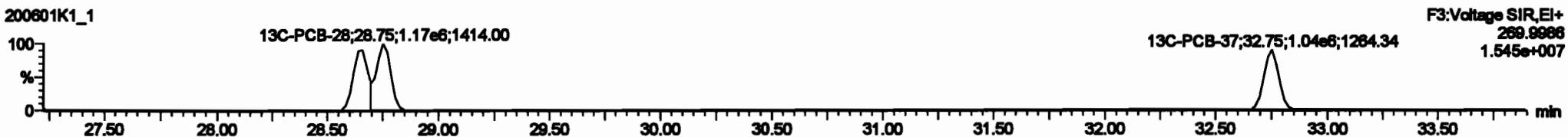
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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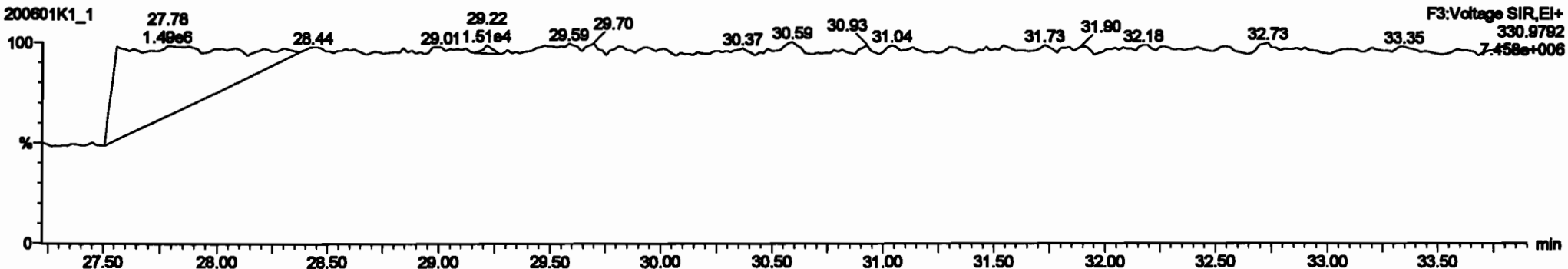
PCB-34



13C-PCB-28

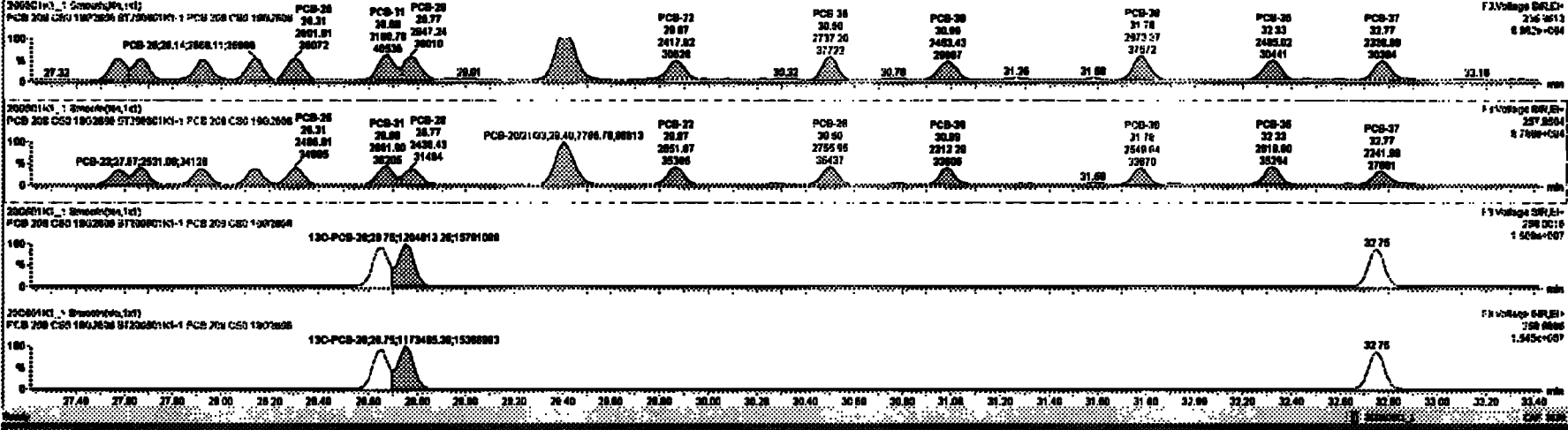


PFK3d



Line	Item	QTY	UOM	PRICE	AMOUNT	TAX	TOTAL	DISC	NET	AMOUNT	TAX	TOTAL
220	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
221	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
222	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
224	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
225	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
226	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
227	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
228	Total Total PCBs	1.00	EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Line	Item	QTY	UOM	PRICE	AMOUNT	TAX	TOTAL	DISC	NET	AMOUNT	TAX	TOTAL
10	PCB-20	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
11	PCB-21	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
12	PCB-22	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
13	PCB-23	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
14	PCB-24	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
15	PCB-25	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
16	PCB-26	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
17	PCB-27	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
18	PCB-28	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
19	PCB-29	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
20	PCB-30	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
21	PCB-31	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
22	PCB-32	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
23	PCB-33	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
24	PCB-34	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
25	PCB-35	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
26	PCB-36	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
27	PCB-37	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
28	PCB-38	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
29	PCB-39	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180
30	PCB-40	27.88	EA	2.6268	73.25	1.90	1.14	ND	0.2180	0.2180		0.2180

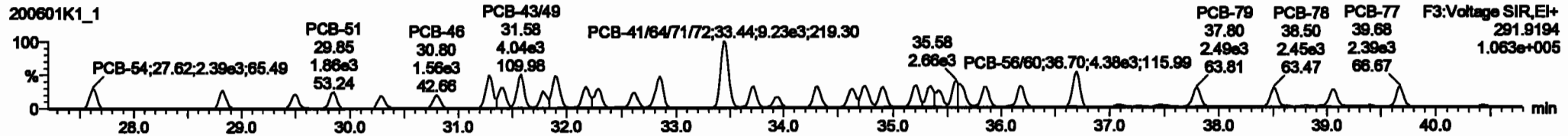
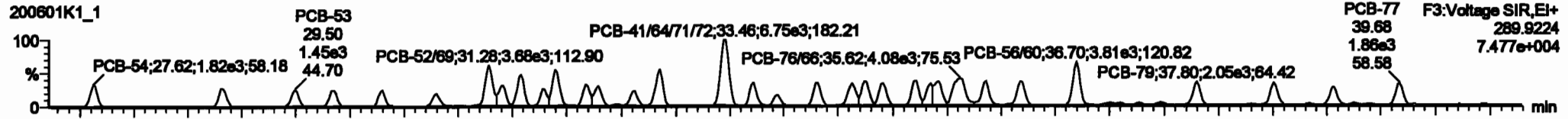


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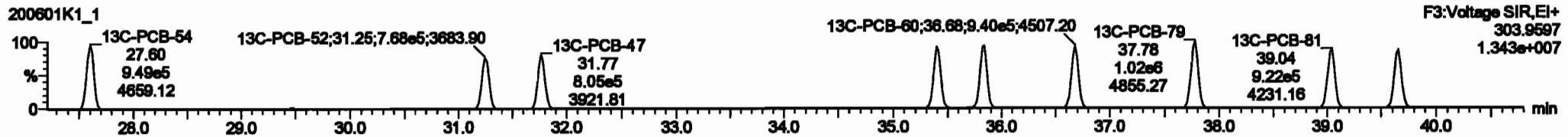
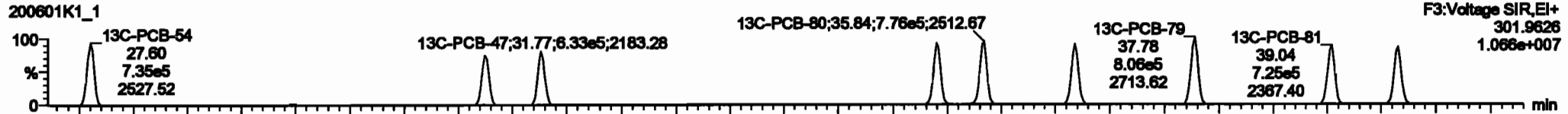
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Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

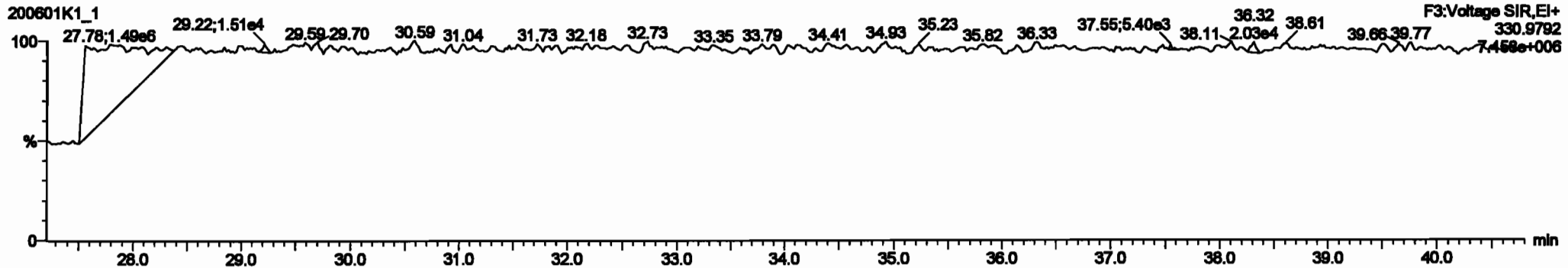
**PCB-54**



**13C-PCB-54**



**PFK3a**



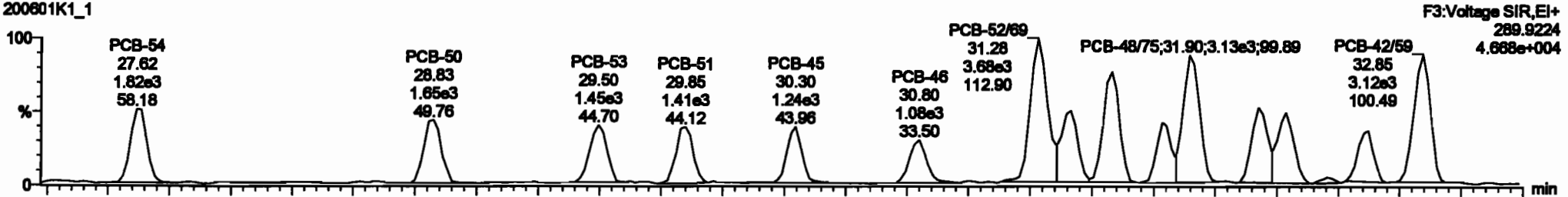
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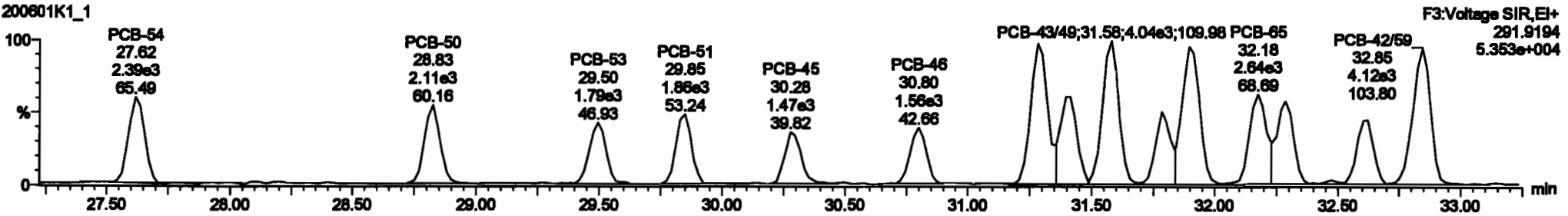
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**PCB-50**

200601K1\_1

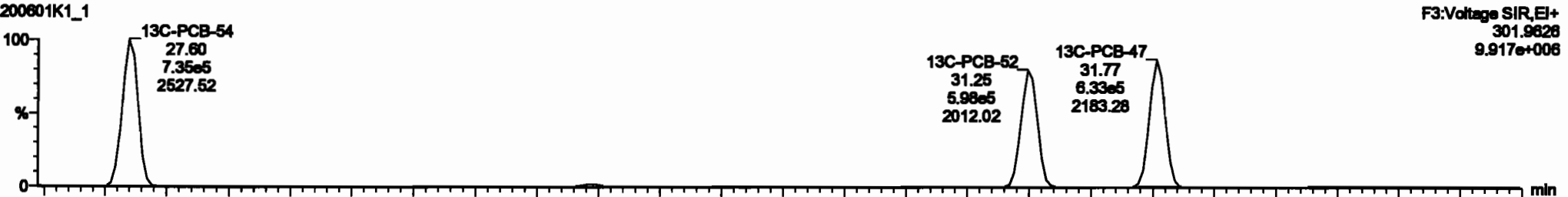


200601K1\_1

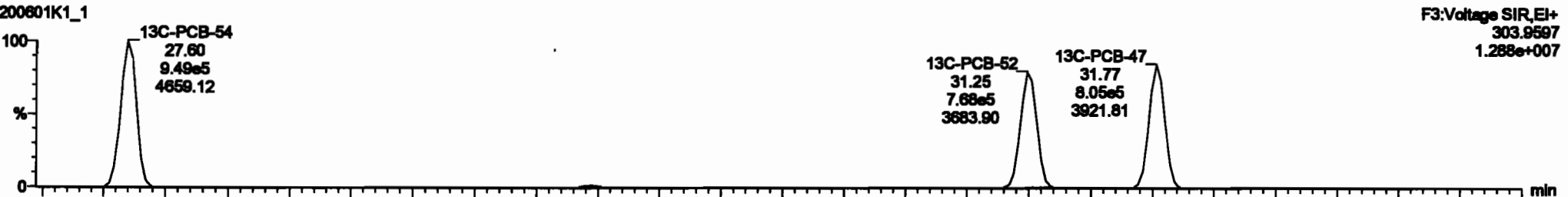


**<sup>13</sup>C-PCB-52**

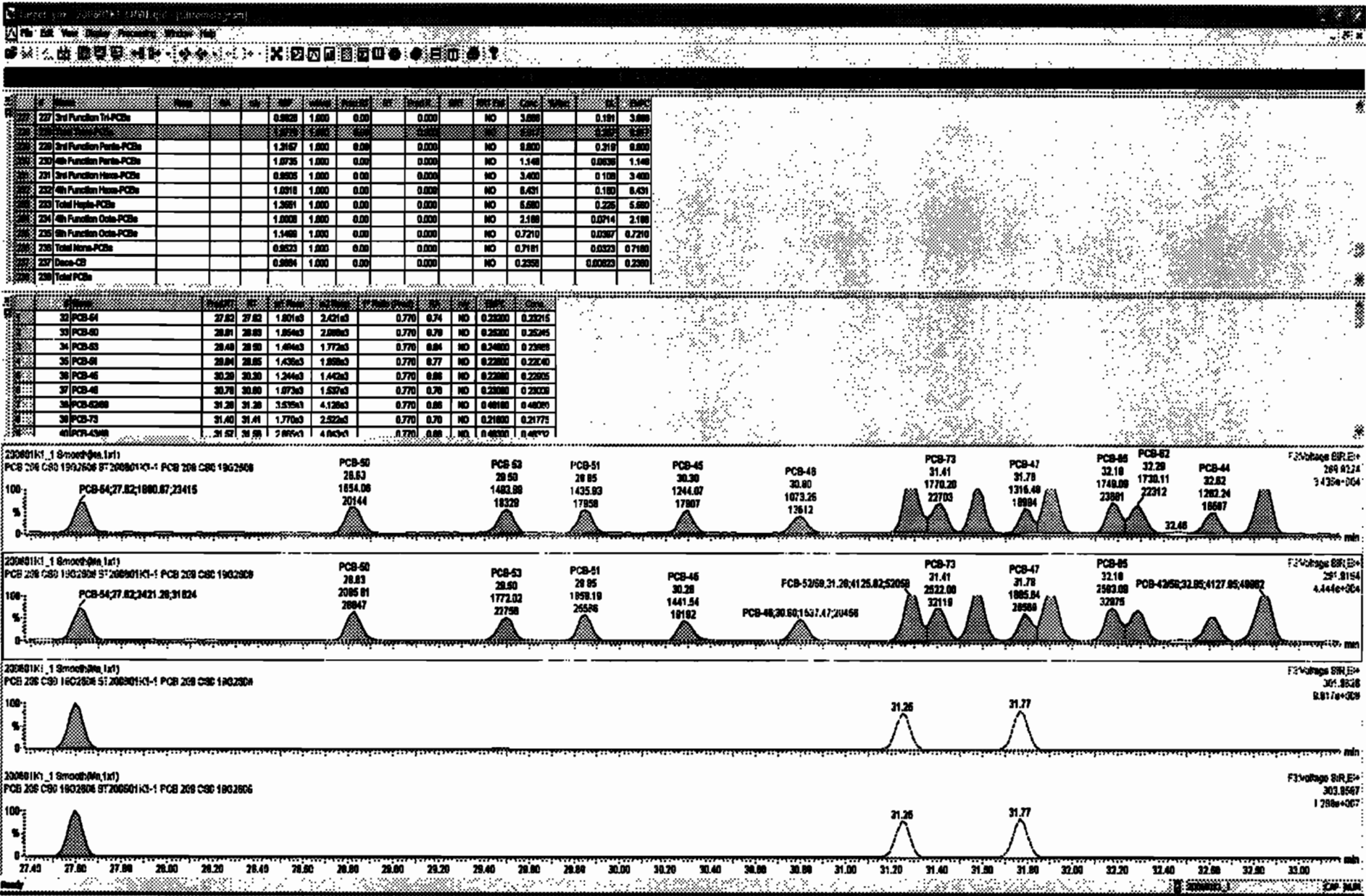
200601K1\_1



200601K1\_1





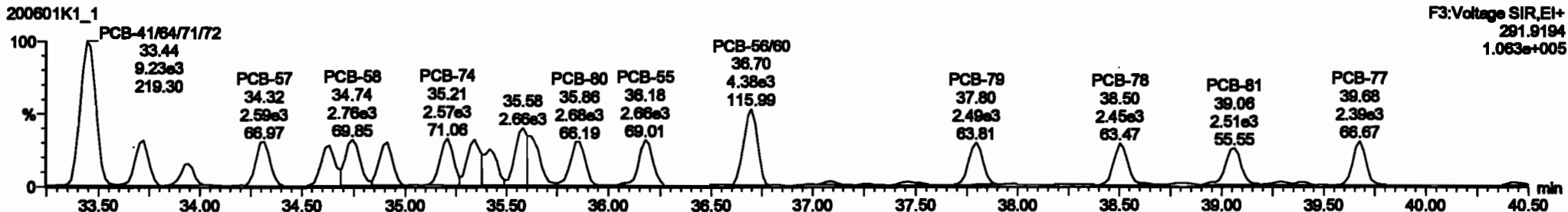
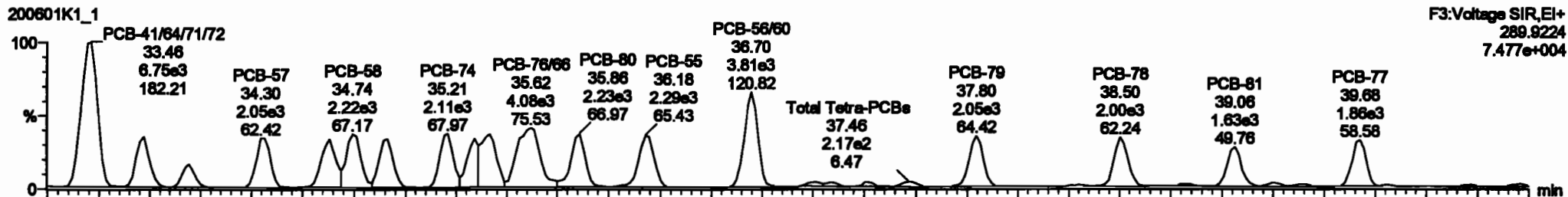


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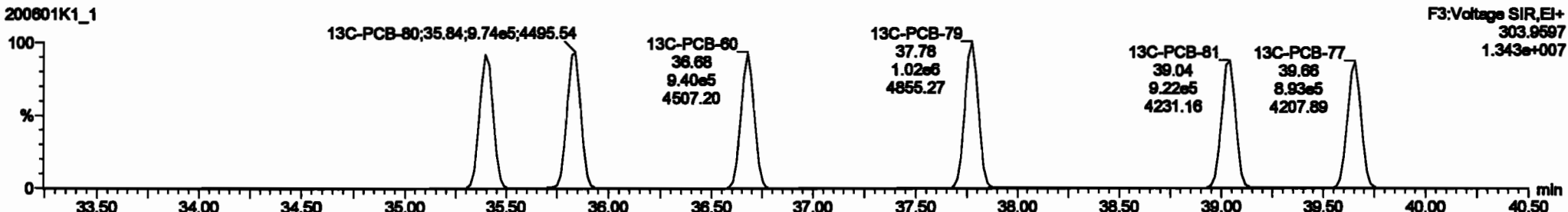
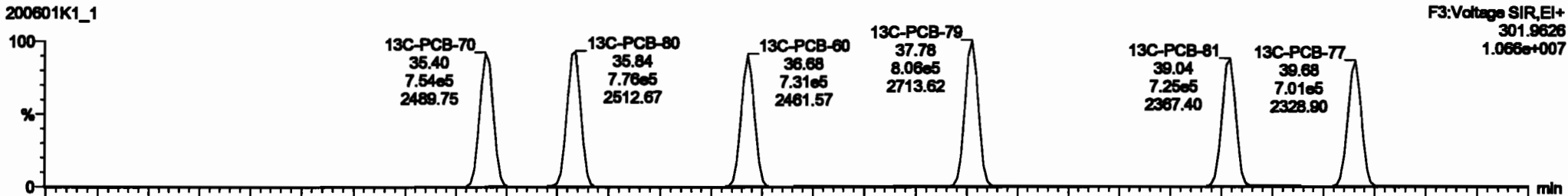
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Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

**PCB-68**

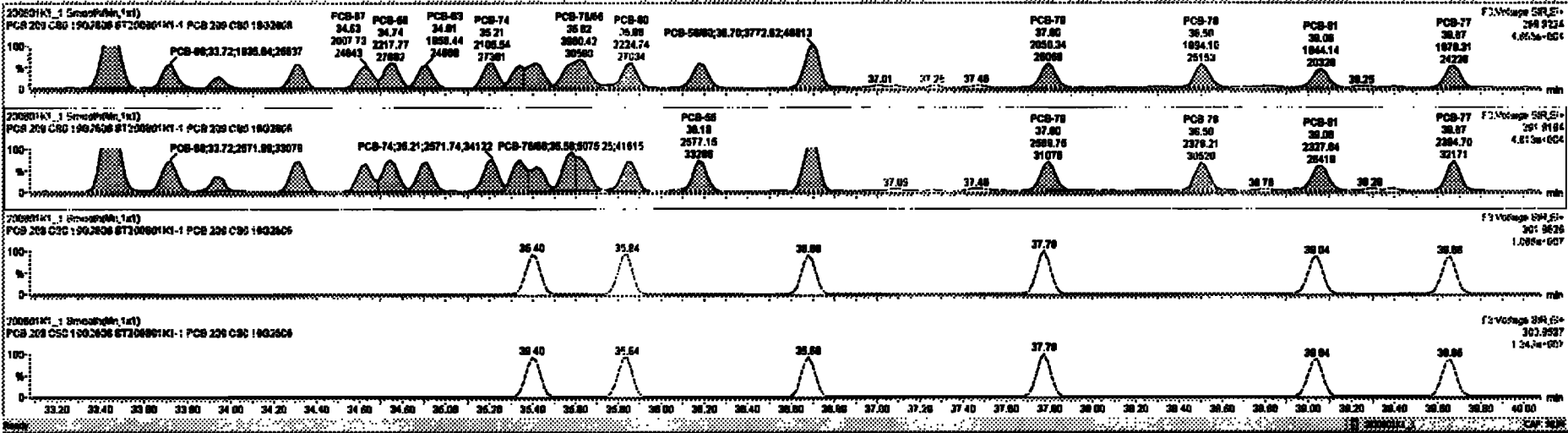


**13C-PCB-60**



Q	Mass	Ratio	Abundance	Relative	Abundance	Relative	Abundance	Relative	Abundance	Relative	Abundance	Relative
227	2nd Function 14-PCBs		0.0000	1.000	0.00	0.000	NO	3.588	0.181	1.888		
228	2nd Function Penta-PCBs		1.2167	1.000	0.00	0.000	NO	0.000	0.313	0.800		
229	4th Function Penta-PCBs		1.0726	1.000	0.00	0.000	NO	1.548	0.000	1.144		
230	2nd Function Hexa-PCBs		0.0000	1.000	0.00	0.000	NO	3.400	0.108	3.400		
232	4th Function Hexa-PCBs		1.0318	1.000	0.00	0.000	NO	0.431	0.180	0.431		
233	Total Hepta-PCBs		1.3881	1.000	0.00	0.000	NO	0.000	0.226	0.000		
234	4th Function Octa-PCBs		1.0000	1.000	0.00	0.000	NO	2.988	0.074	2.188		
235	8th Function Octa-PCBs		1.1488	1.000	0.00	0.000	NO	0.7210	0.007	0.7210		
236	Total Nona-PCBs		0.0000	1.000	0.00	0.000	NO	0.7181	0.000	0.7181		
237	Dioxin-CB		0.0004	1.000	0.00	0.000	NO	0.2088	0.000	0.2088		
238	Total PCBs											

Peak	Area	Height	Width	Retention	Abundance	Relative	Abundance	Relative	
32 PCB-84	27.82	27.82	1.801e0	2.421e0	0.770	0.24	NO	0.23208	0.23218
33 PCB-88	28.91	28.93	1.884e0	2.088e0	0.770	0.29	NO	0.28200	0.28248
34 PCB-92	28.48	28.58	1.498e0	1.772e0	0.770	0.34	NO	0.24000	0.23888
35 PCB-96	28.84	28.88	1.438e0	1.888e0	0.770	0.27	NO	0.22800	0.22840
36 PCB-100	30.28	30.30	1.244e0	1.442e0	0.770	0.38	NO	0.22800	0.22804
37 PCB-104	30.70	30.80	1.072e0	1.888e0	0.770	0.20	NO	0.23000	0.23000
38 PCB-108	31.28	31.28	3.008e0	4.128e0	0.770	0.38	NO	0.48100	0.48080
39 PCB-112	31.48	31.41	1.770e0	2.828e0	0.770	0.20	NO	0.21800	0.21778
40 PCB-116	31.87	31.88	2.888e0	4.042e0	0.770	0.38	NO	0.48100	0.48100

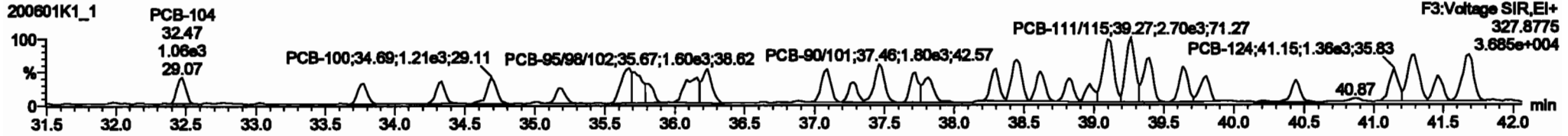
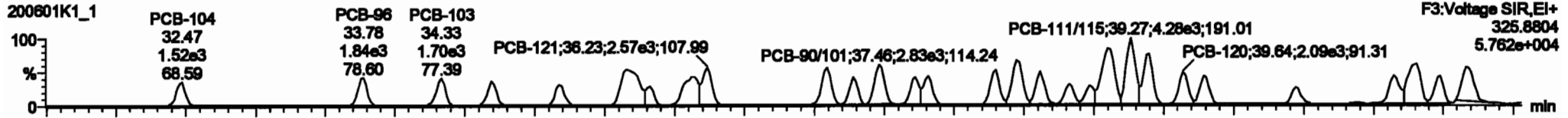


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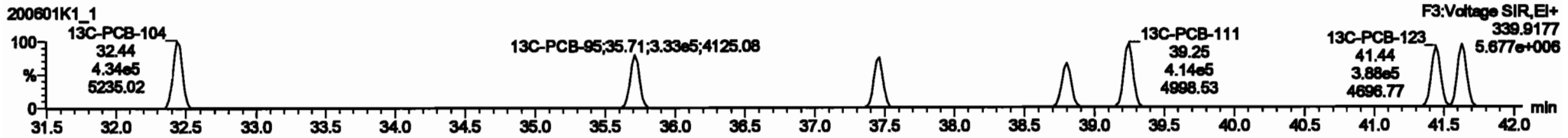
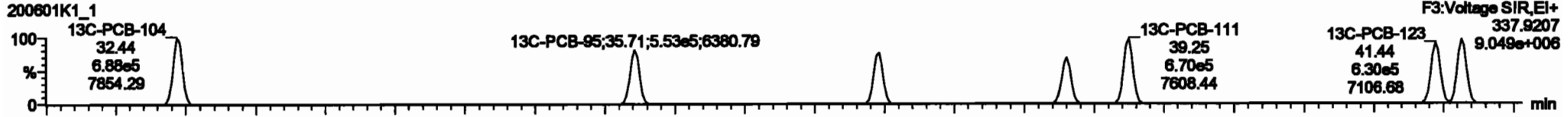
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

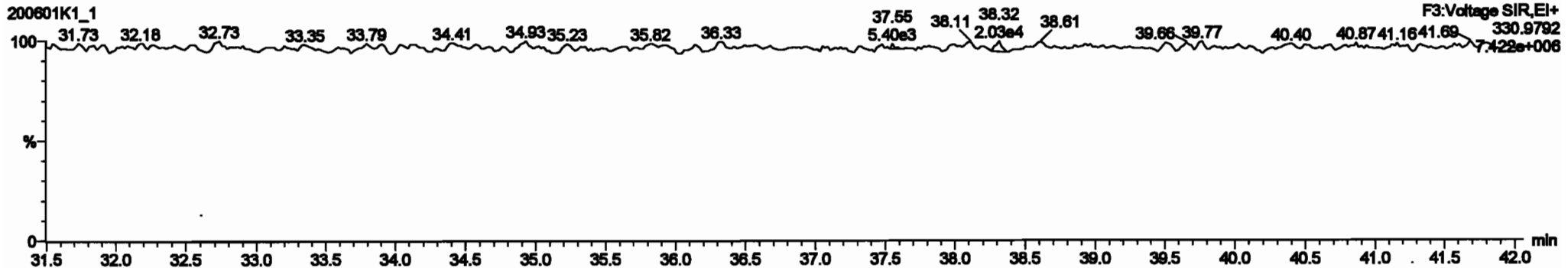
**PCB-104**



**13C-PCB-104**



**PFK3b**

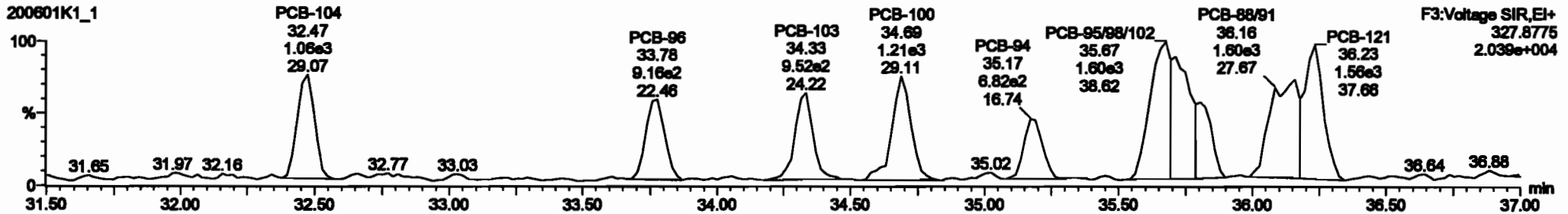
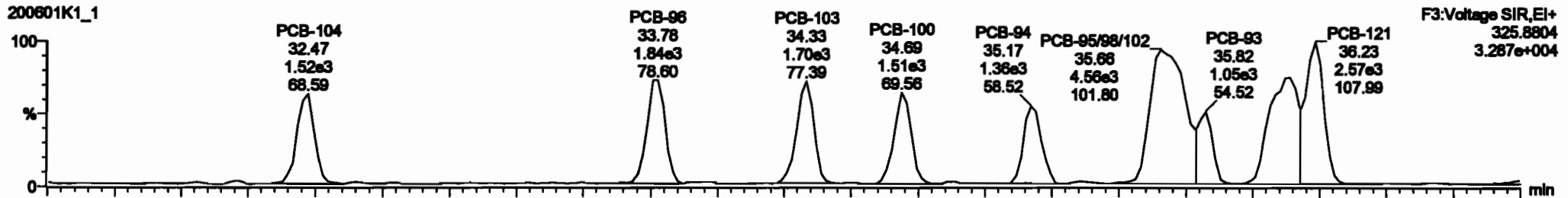


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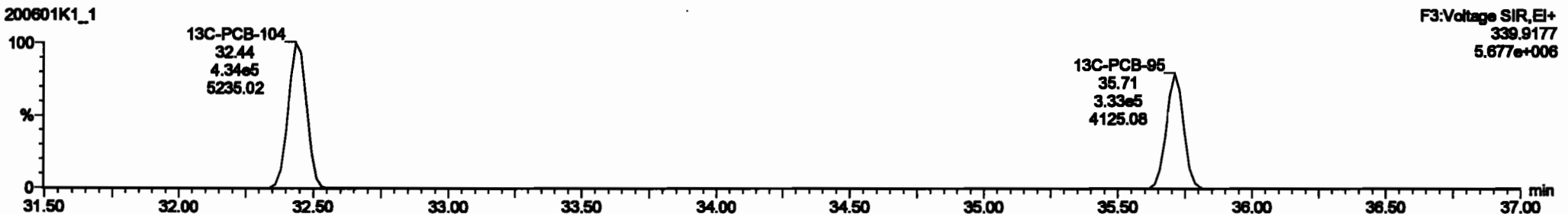
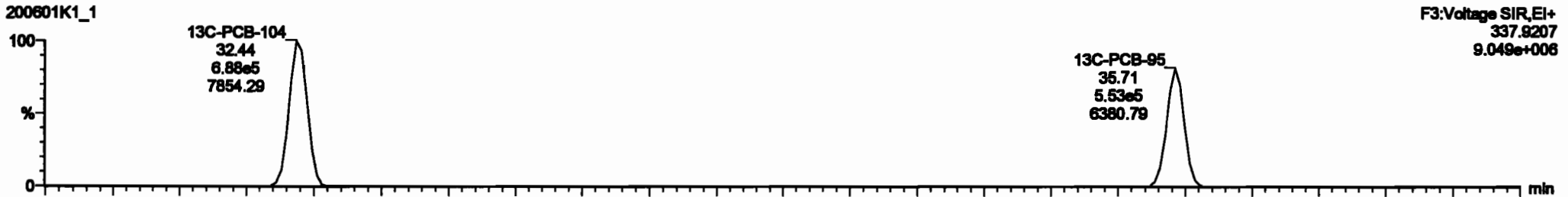
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Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-96

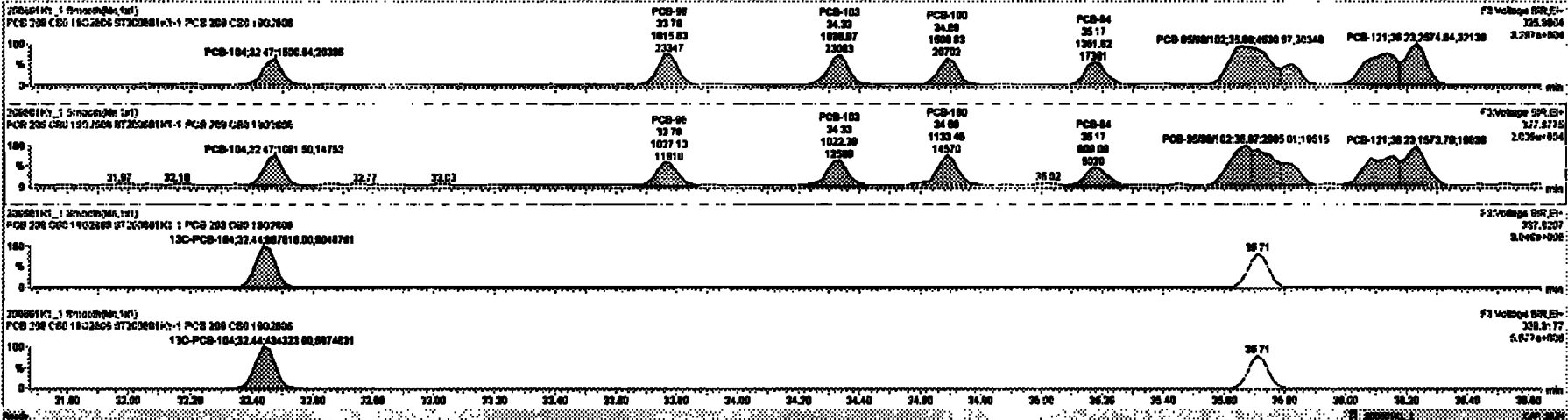


13C-PCB-95



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	1.448	0.258	1.448
230 3rd Function Meta-PCds					0.0000	1.000	0.00		0.000	NO	3.600	0.108	3.600
231 4th Function Para-PCds					1.0318	1.000	0.00		0.000	NO	6.401	0.180	6.401
232 Total Para-PCds					1.2691	1.000	0.00		0.000	NO	6.680	0.225	6.680
233 4th Function Ortho-PCds					1.0000	1.000	0.00		0.000	NO	2.188	0.074	2.188
234 5th Function Ortho-PCds					1.1488	1.000	0.00		0.000	NO	0.7210	0.087	0.7210
235 Total Meta-PCds					0.0000	1.000	0.00		0.000	NO	0.2101	0.003	0.2100
236 Dioxin-Cd					0.0000	1.000	0.00		0.000	NO	0.2088	0.000	0.2088
237 Total PCBs													

Item	Peak	Area	Conc	Unit	Peak	Area	Conc	Unit
04 PCB-104	32.48	22.67	1.00e-3	1.00e-3	1.88	1.37	NO	0.2000
05 PCB-86	32.76	22.78	1.01e-3	1.02e-3	1.88	1.77	NO	0.2200
06 PCB-103	34.30	34.30	1.00e-3	1.00e-3	1.88	1.88	NO	0.2800
07 PCB-100	34.87	34.88	1.00e-3	1.13e-3	1.88	1.33	NO	0.2400
08 PCB-84	35.18	35.17	1.00e-3	0.001e-3	1.88	1.87	NO	0.2800
09 PCB-100/102	35.87	35.88	4.00e-3	2.00e-3	1.88	1.82	NO	0.7000
10 PCB-88	35.76	35.82	1.00e-3	7.30e-3	1.88	1.42	NO	0.2100
11 PCB-88/91	35.14	35.14	2.00e-3	1.00e-3	1.88	1.77	NO	0.4800
12 PCB-121	35.30	35.30	2.00e-3	1.07e-3	1.88	1.84	NO	0.2700



Dataset: Untitled

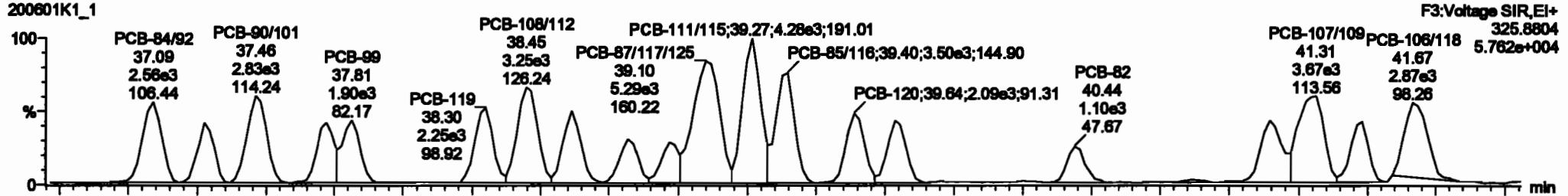
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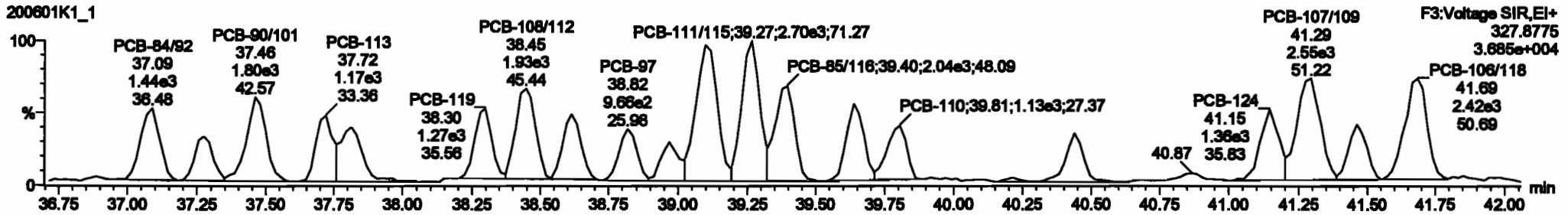
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**PCB-119**

200801K1\_1

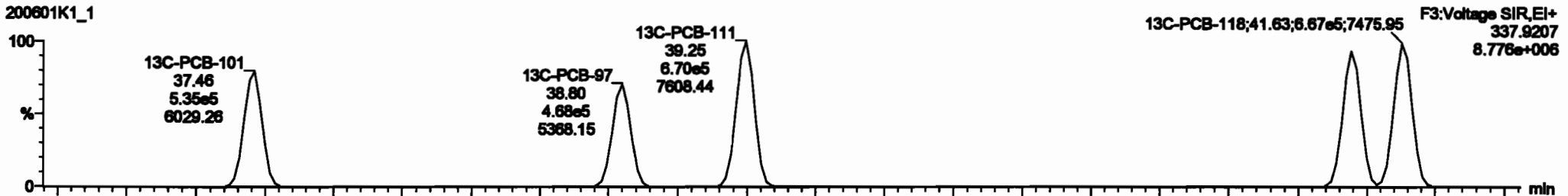


200801K1\_1

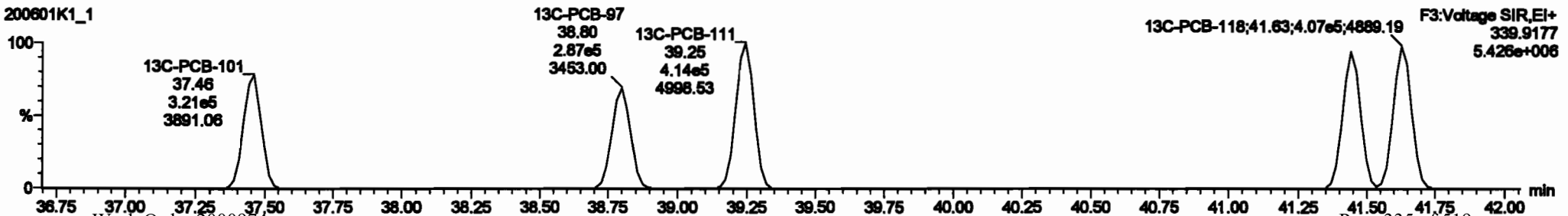


**13C-PCB-111**

200801K1\_1

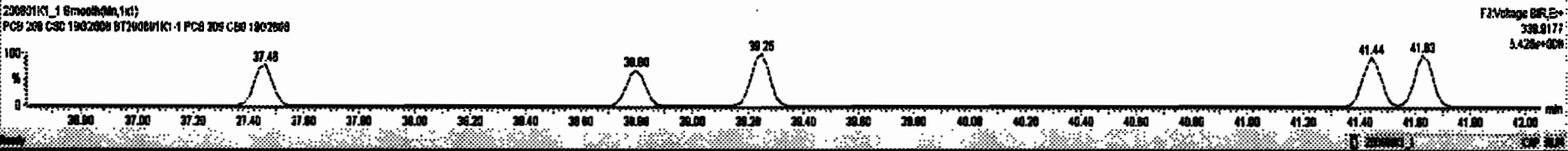
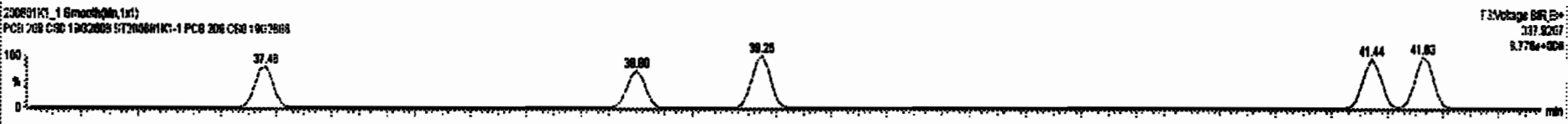
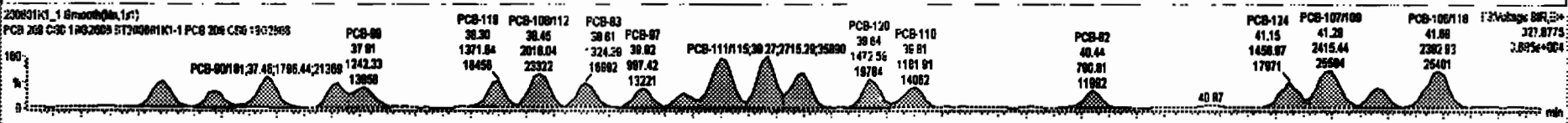
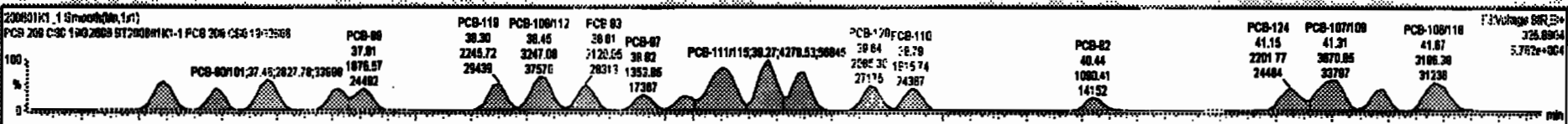


200801K1\_1



#	Name	Mass	RA	RG	RM	Value	Percent	ST	Phase	ST	Phase	ST	Phase	ST	Phase	ST	Phase
227	2nd Function T4-PCBs					0.0028	1.000	0.00		0.0000	ND		3.000		0.191	3.000	
228	Total T4s-PCBs					1.0778	1.000	0.00		0.0000	ND		0.917		0.267	0.917	
229	2nd Function Penta-PCBs					1.0735	1.000	0.00		0.0000	ND		1.440		0.0636	1.440	
230	Total Penta-PCBs					0.0005	1.000	0.00		0.0000	ND		3.400		0.100	3.400	
231	2nd Function Hexa-PCBs					1.0910	1.000	0.00		0.0000	ND		0.431		0.160	0.431	
232	Total Hexa-PCBs					1.0091	1.000	0.00		0.0000	ND		0.500		0.225	0.500	
233	4th Function Octa-PCBs					1.0000	1.000	0.00		0.0000	ND		2.100		0.0714	2.100	
234	Total Octa-PCBs					1.1400	1.000	0.00		0.0000	ND		0.7210		0.0307	0.7210	
235	6th Function Deca-PCBs					0.0023	1.000	0.00		0.0000	ND		0.7101		0.0023	0.7100	
236	Total Deca-PCBs					0.0004	1.000	0.00		0.0000	ND		0.2000		0.0000	0.2000	
237	Total PCBs																

#	Name	Peak #	RT	Area	Height	Width	SN	CPY	Area
84	PCB-104	32.48	32.47	1.500e3	1.001e3	1.500	1.37	ND	0.20000
85	PCB-88	33.78	33.78	1.046e3	1.022e3	1.500	1.77	ND	0.22000
86	PCB-103	34.30	34.33	1.007e3	1.022e3	1.500	1.86	ND	0.20000
87	PCB-100	34.67	34.69	1.507e3	1.133e3	1.500	1.33	ND	0.24700
88	PCB-84	35.10	35.17	1.352e3	0.801e3	1.500	1.07	ND	0.25700
89	PCB-89/90/102	35.67	35.66	4.531e3	2.905e3	1.500	1.52	ND	0.70400
90	PCB-80	36.70	36.82	1.040e3	7.300e2	1.500	1.42	ND	0.21600
91	PCB-89/91	38.14	38.14	2.022e3	1.054e3	1.500	1.77	ND	0.40500
92	PCB-121	38.23	38.23	7.575e3	1.574e3	1.500	1.04	ND	0.27400



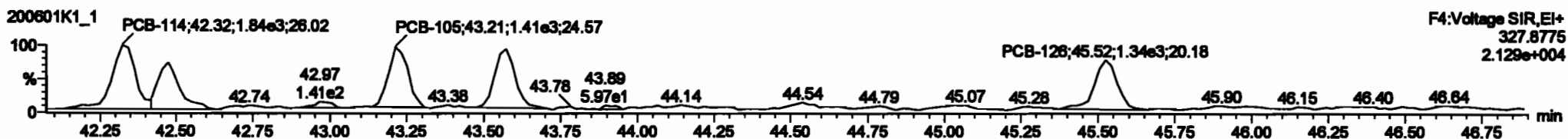
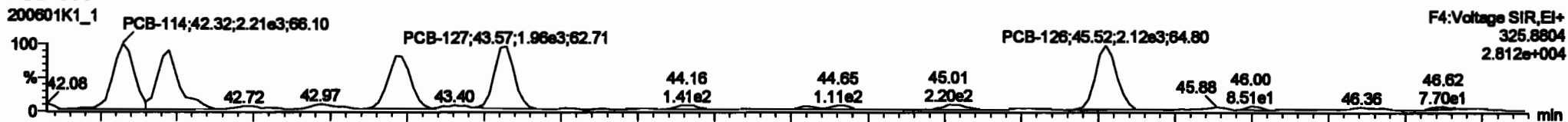


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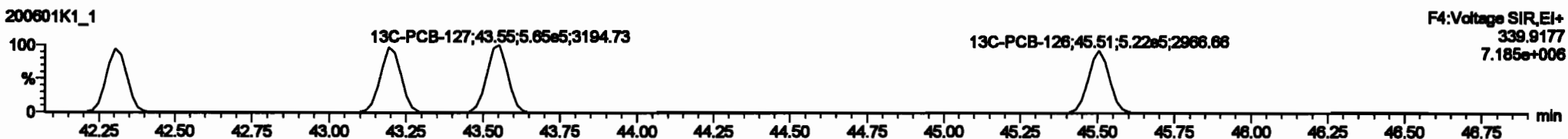
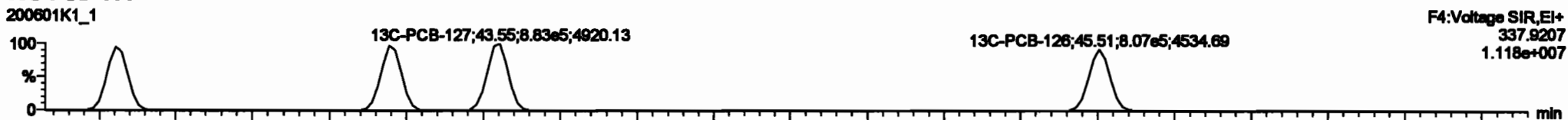
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

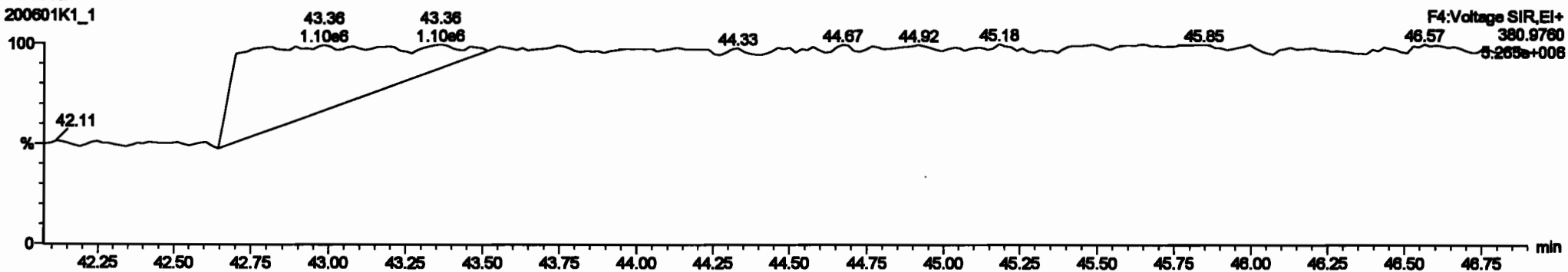
**PCB-114**



**13C-PCB-114**

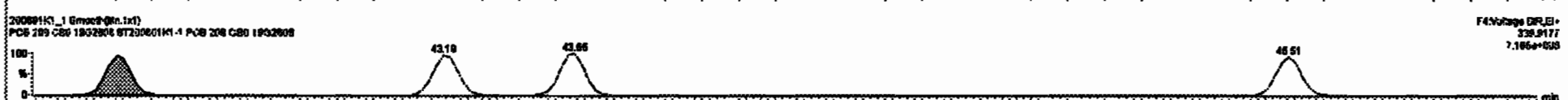
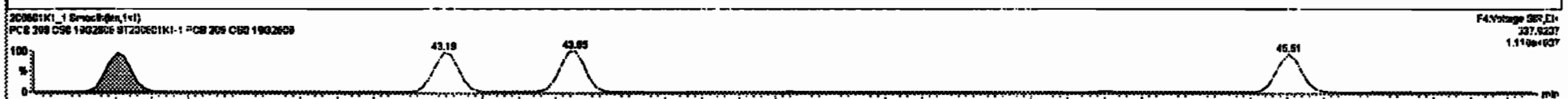
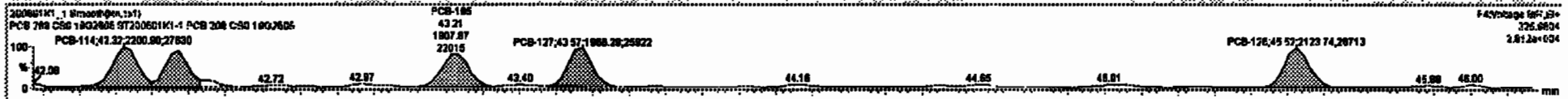


**PFK4a**



#	Mass	Area	HR	Acc	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
228	Total Tri-PCBs				1.8778	1.000	0.00		0.800	NO	8.917		0.287
229	2nd Function Para-PCBs				1.2157	1.000	0.00		0.800	NO	8.800		0.318
230	Total Para-PCBs				1.2157	1.000	0.00		0.800	NO	8.800		0.318
231	2nd Function Hexa-PCBs				0.8808	1.000	0.00		0.800	NO	3.400		0.108
232	Total Hexa-PCBs				1.0318	1.000	0.00		0.800	NO	6.431		0.180
233	Total Hepta-PCBs				1.2891	1.000	0.00		0.800	NO	5.880		0.225
234	6th Function Octa-PCBs				1.0008	1.000	0.00		0.800	NO	2.108		0.6714
235	6th Function Octa-PCBs				1.1488	1.000	0.00		0.800	NO	0.7210		0.0387
236	Total Octa-PCBs				0.8828	1.000	0.00		0.800	NO	0.7101		0.0228
237	Deca-CB				0.8804	1.000	0.00		0.800	NO	0.2088		0.0023
238	Total PCBs												

#	Mass	Area	HR	Acc	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio
88	PCB-114	42.28	42.22	2.201e5	1.890e5	1.880	1.35	NO	0.21800	0.26817			
89	PCB-122	42.67	42.67	1.822e5	1.138e5	1.880	1.81	NO	0.23100	0.23888			
86	PCB-106	43.21	43.21	1.888e5	1.448e5	1.880	1.32	NO	0.22800	0.22776			
88	PCB-127	43.57	43.57	1.888e5	1.454e5	1.880	1.35	NO	0.22300	0.22285			
87	PCB-128	45.82	45.82	2.124e5	1.372e5	1.880	1.87	NO	0.21800	0.21888			



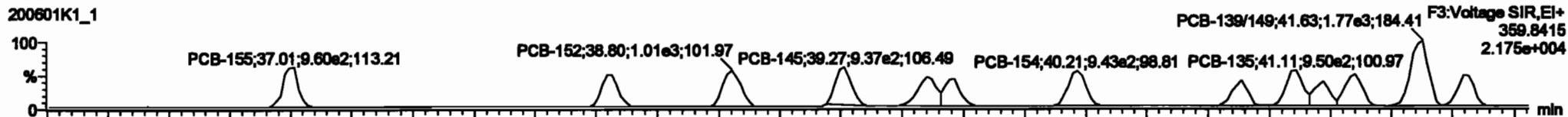
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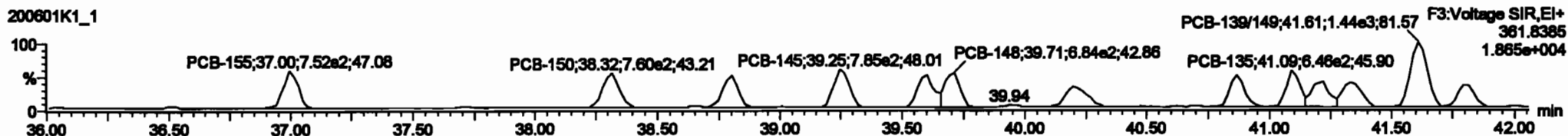
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**PCB-155**

200601K1\_1



200601K1\_1

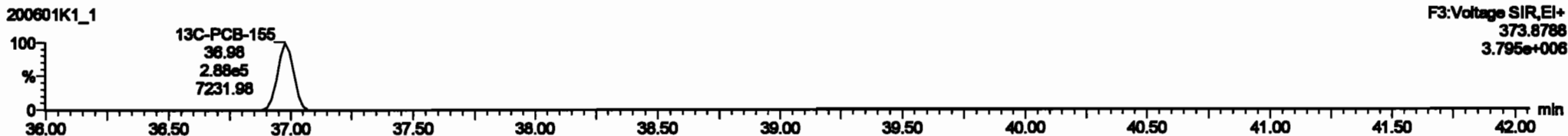


**13C-PCB-155**

200601K1\_1

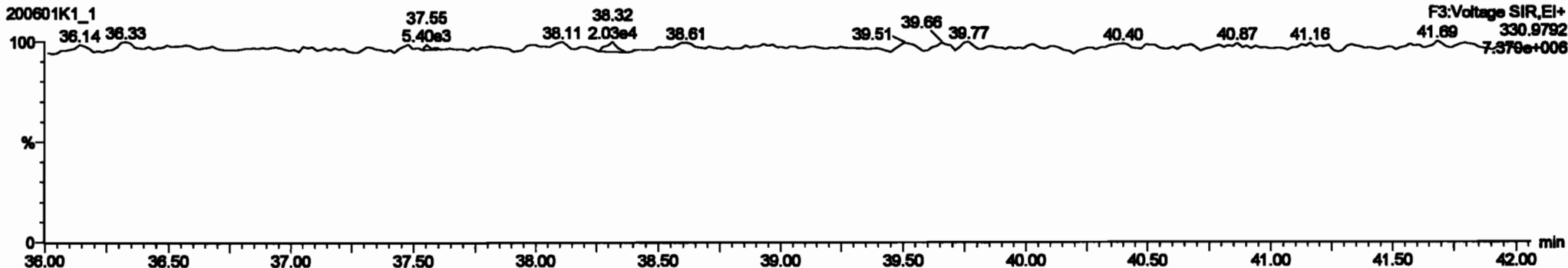


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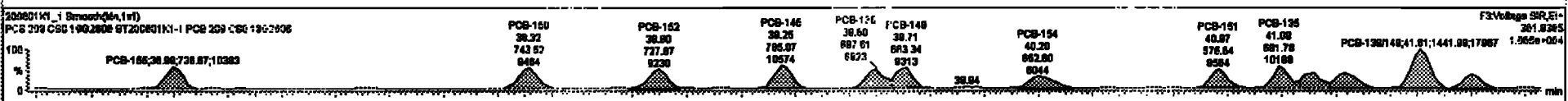
**PFK3c**

200601K1\_1



#	Phase	Mass	CS	CP	PP	CAV	PCAV	PC	PCAV	PP	PCAV	PC	PCAV	PP	PCAV	PC	PCAV	PP	PCAV
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				1.0735	1.000	0.00		0.000	NO	1.148		0.0538	1.148					
231	Total Penta-PCBs				2.3922	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	CS	CP	PP	CAV	PCAV	PC	PCAV	PP	PCAV	PC	PCAV	PP	PCAV	PC	PCAV	PP	PCAV
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	8.898e2	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	8.738e2	1.240	1.07	NO	0.28100	0.28088									
106	PCB-135	41.11	41.11	8.348e2	8.918e2	1.240	1.35	NO	0.28800	0.28828									



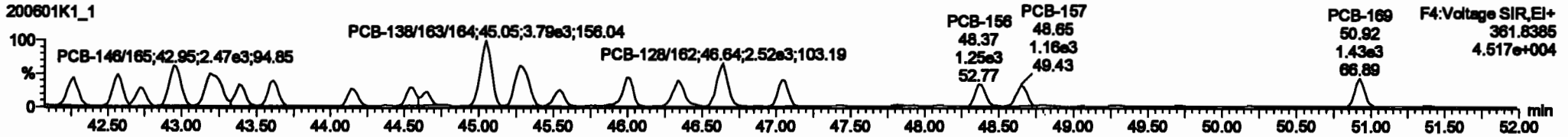
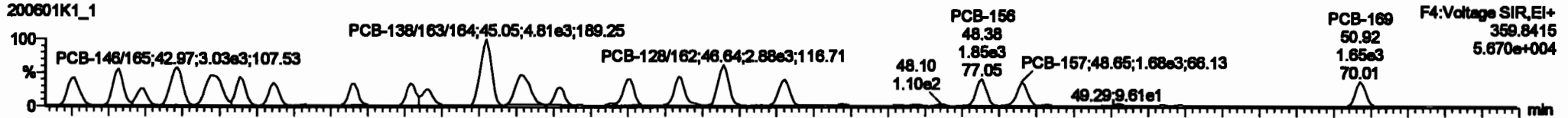
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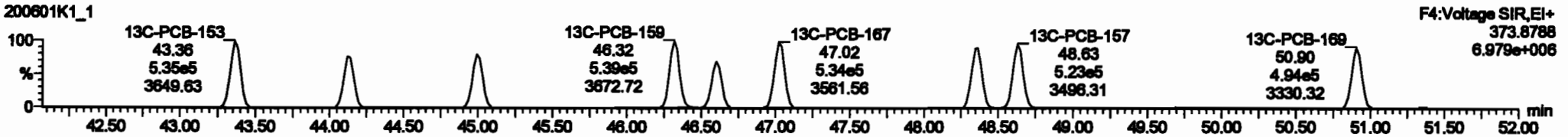
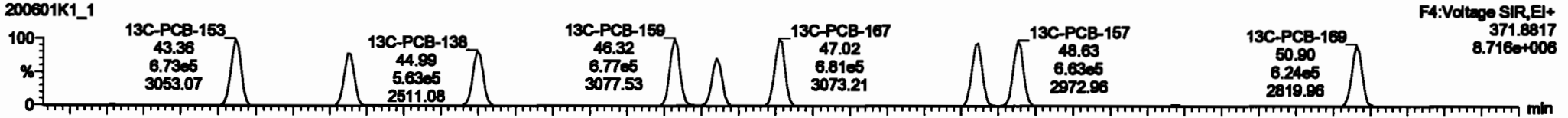
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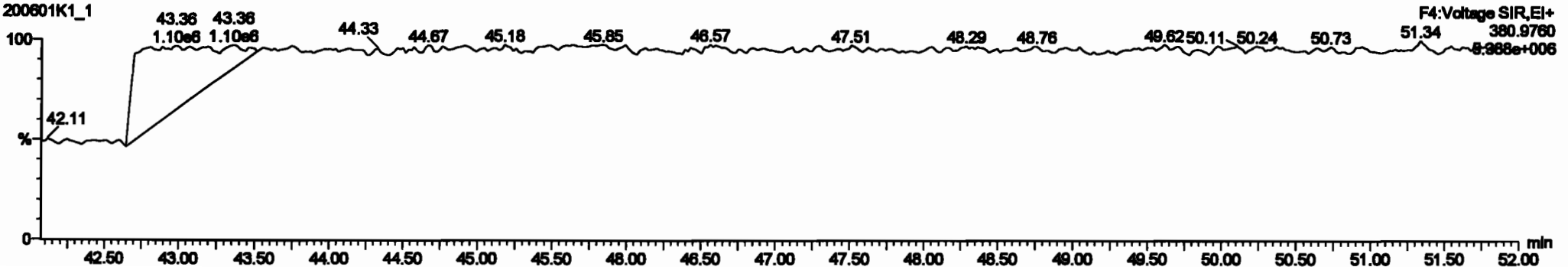
**PCB-134/143**



**13C-PCB-153**

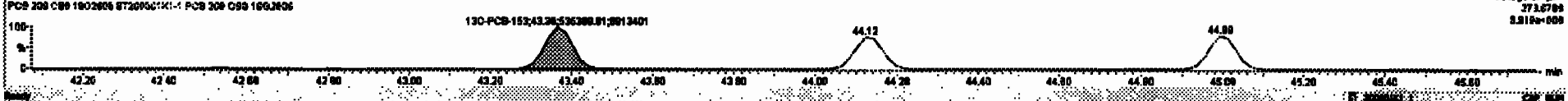
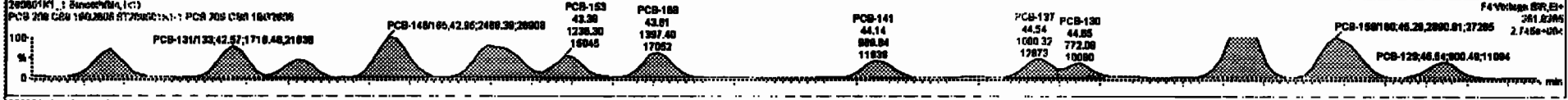


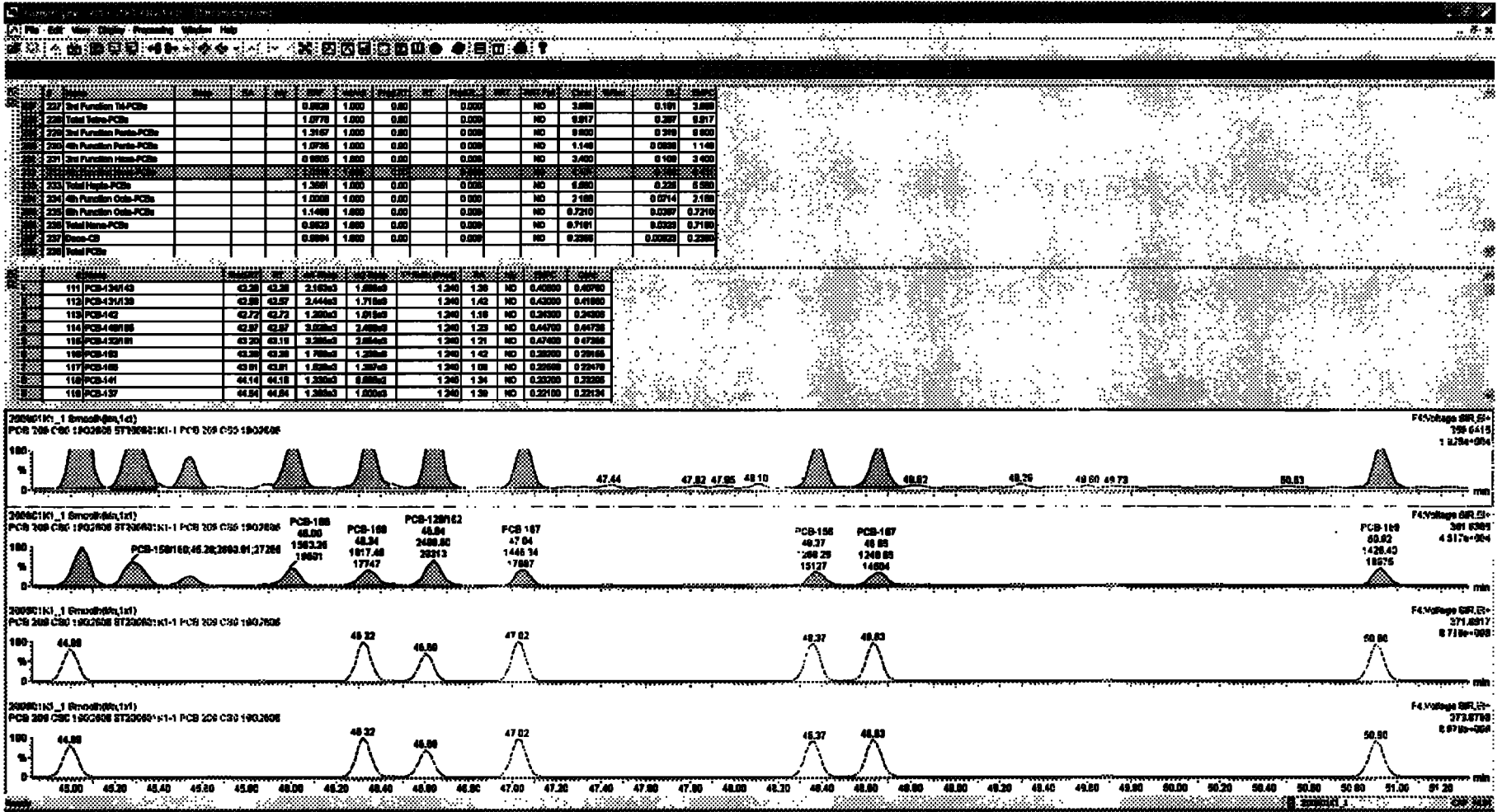
**PFK4b**



PCB	Function	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
227	3rd Function PCBs			0.9928	1.000	0.00	0.000	NO	3.988	0.191	3.988					
228	Total PCBs			1.0778	1.000	0.00	0.000	NO	8.917	0.287	8.917					
229	3rd Function PCBs			1.2187	1.000	0.00	0.000	NO	8.900	0.218	8.900					
230	6th Function PCBs			1.0738	1.000	0.00	0.000	NO	1.148	0.038	1.148					
231	3rd Function PCBs			0.9903	1.000	0.00	0.000	NO	3.480	0.188	3.480					
232	Total PCBs			1.2132	1.000	0.00	0.000	NO	5.959	0.225	5.959					
233	Total PCBs			1.2091	1.000	0.00	0.000	NO	5.980	0.225	5.980					
234	6th Function PCBs			1.0000	1.000	0.00	0.000	NO	2.188	0.0714	2.188					
235	6th Function PCBs			1.1488	1.000	0.00	0.000	NO	0.7210	0.0387	0.7210					
236	Total PCBs			0.9923	1.000	0.00	0.000	NO	0.7181	0.0323	0.7181					
237	Dose-CB			0.9994	1.000	0.00	0.000	NO	0.2988	0.00823	0.2988					
238	Total PCBs															

PCB	Function	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
111	PCB-134/43	42.38	42.28	2.152e3	1.88e3	1.240	1.28	NO	0.4080	0.4078						
112	PCB-138/33	42.88	42.57	2.644e3	1.718e3	1.240	1.63	NO	0.4300	0.4188						
113	PCB-142	42.72	42.72	1.208e3	1.016e3	1.240	1.18	NO	0.2430	0.2488						
114	PCB-148/85	42.97	42.87	3.028e3	2.488e3	1.240	1.28	NO	0.4470	0.4478						
115	PCB-152/81	43.38	43.18	3.208e3	2.884e3	1.240	1.21	NO	0.4740	0.4738						
116	PCB-158	43.38	43.38	1.798e3	1.238e3	1.240	1.63	NO	0.2320	0.2368						
117	PCB-168	43.81	43.81	1.828e3	1.387e3	1.240	1.88	NO	0.2280	0.2247						
118	PCB-141	44.14	44.14	1.238e3	0.888e3	1.240	1.34	NO	0.2280	0.2300						
119	PCB-137	44.84	44.84	1.283e3	1.008e3	1.240	1.38	NO	0.2210	0.22134						





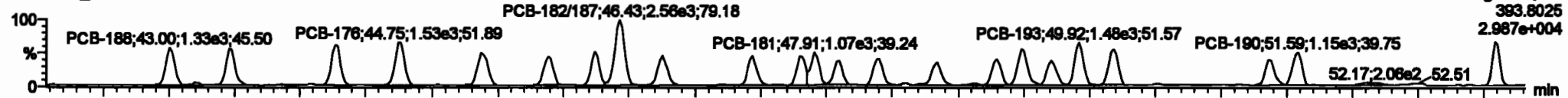
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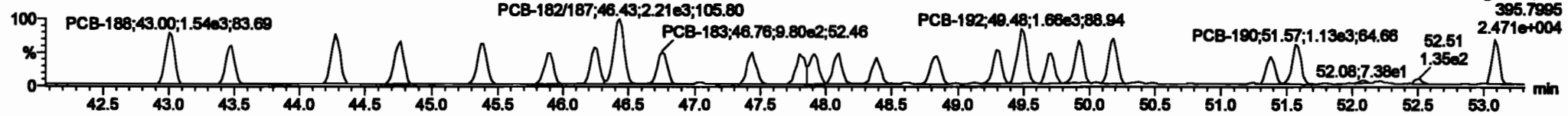
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**PCB-188**

200601K1\_1

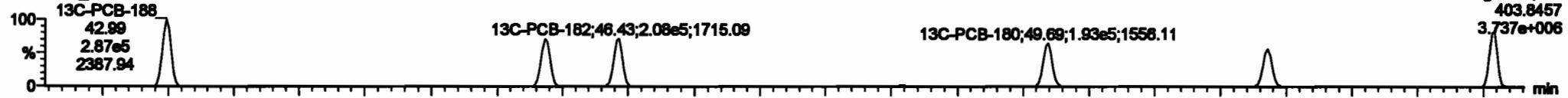


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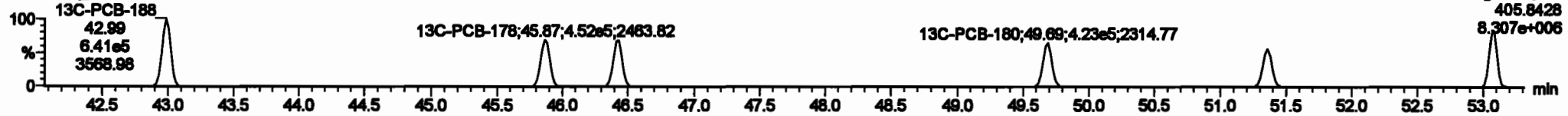


**13C-PCB-188**

200601K1\_1

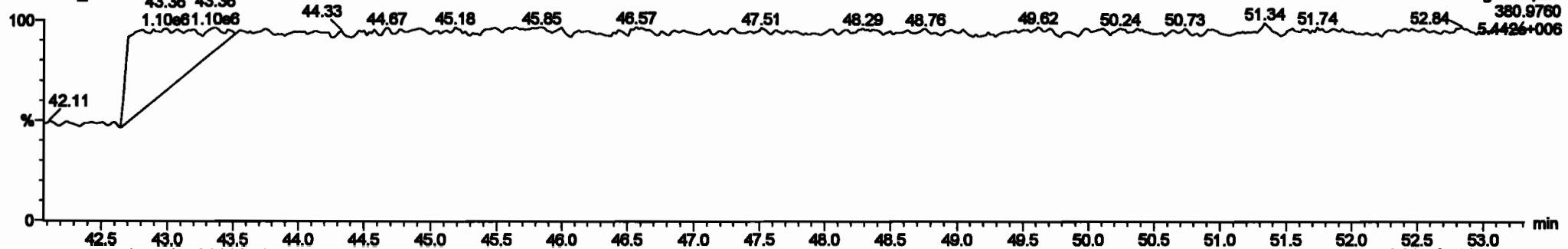


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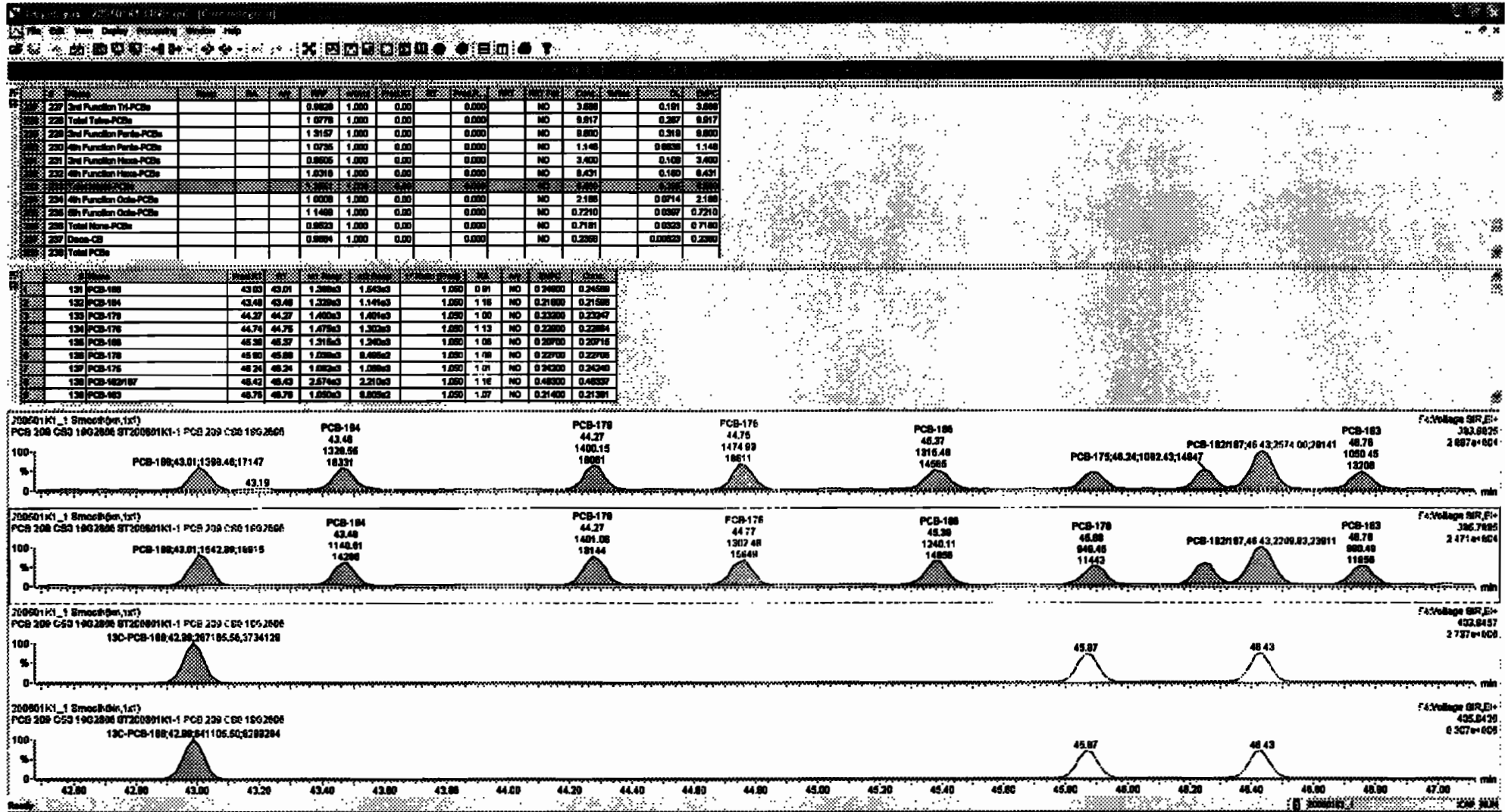


**PFK4c**

200601K1\_1

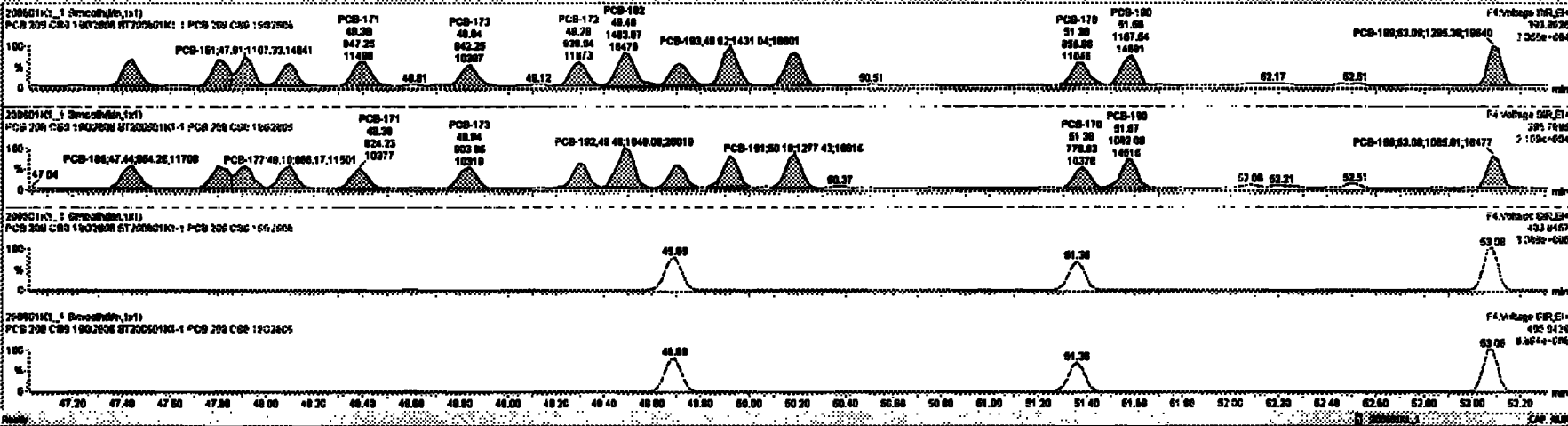






PCB	Material	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt
237	Shell Function Tru-PCBs			0.9828	1.000	0.00	0.000	NO	3.888	0.191	3.888					
238	Total Tru-PCBs			1.9776	1.000	0.00	0.000	NO	8.017	0.387	8.017					
239	Shell Function Proto-PCBs			1.9167	1.000	0.00	0.000	NO	8.000	0.310	8.000					
240	4th Function Proto-PCBs			1.9726	1.000	0.00	0.000	NO	1.148	0.033	1.148					
241	Shell Function Hous-PCBs			0.9806	1.000	0.00	0.000	NO	3.400	0.180	3.400					
242	4th Function Hous-PCBs			1.0918	1.000	0.00	0.000	NO	6.491	0.180	6.491					
243	Total Hous-PCBs			2.0724	1.000	0.00	0.000	NO	9.891	0.360	9.891					
244	4th Function Out-PCBs			1.0000	1.000	0.00	0.000	NO	2.100	0.071	2.100					
245	5th Function Out-PCBs			1.1488	1.000	0.00	0.000	NO	0.7210	0.0387	0.7210					
246	Total Hous-PCBs			0.9823	1.000	0.00	0.000	NO	0.7181	0.0333	0.7181					
247	Case-CB			0.9894	1.000	0.00	0.000	NO	0.2388	0.0033	0.2388					
248	Total PCBs															

PCB	Material	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt
131	PCB-169	43.83	43.81	1.388e3	1.543e3	1.889	0.81	NO	0.24880	0.24880			
132	PCB-164	43.48	43.48	1.328e3	1.541e3	1.889	1.18	NO	0.21880	0.21880			
133	PCB-178	44.27	44.27	1.400e3	1.409e3	1.889	1.88	NO	0.28880	0.28880			
134	PCB-176	44.74	44.75	1.478e3	1.280e3	1.889	1.13	NO	0.22880	0.22880			
135	PCB-168	45.28	45.37	1.318e3	1.248e3	1.889	1.88	NO	0.26780	0.26780			
136	PCB-175	45.80	45.80	1.588e3	0.888e3	1.889	1.88	NO	0.26780	0.26780			
137	PCB-175	46.24	46.24	1.588e3	1.288e3	1.889	1.81	NO	0.24280	0.24280			
138	PCB-162/87	48.43	48.43	2.874e3	2.218e3	1.889	1.18	NO	0.48330	0.48330			
139	PCB-163	48.78	48.78	1.588e3	0.888e3	1.889	1.87	NO	0.21480	0.21480			



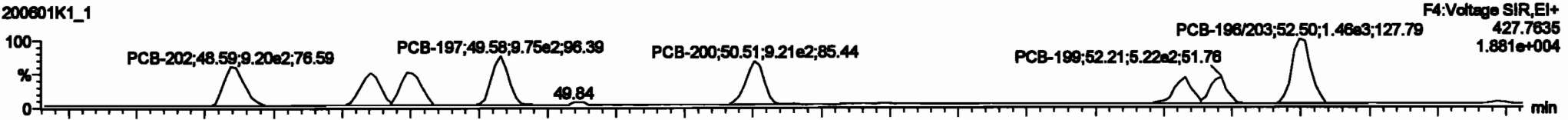
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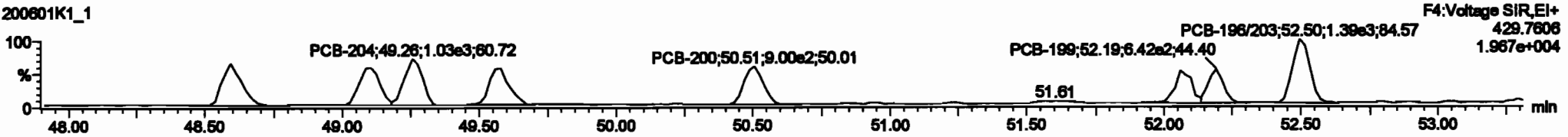
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PCB-202

200601K1\_1

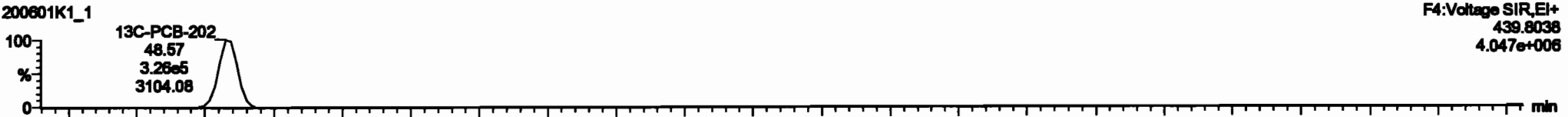


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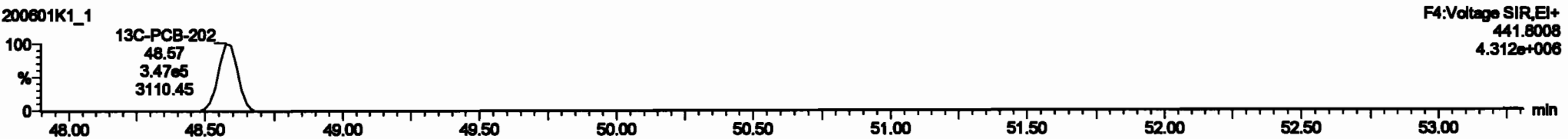


13C-PCB-202

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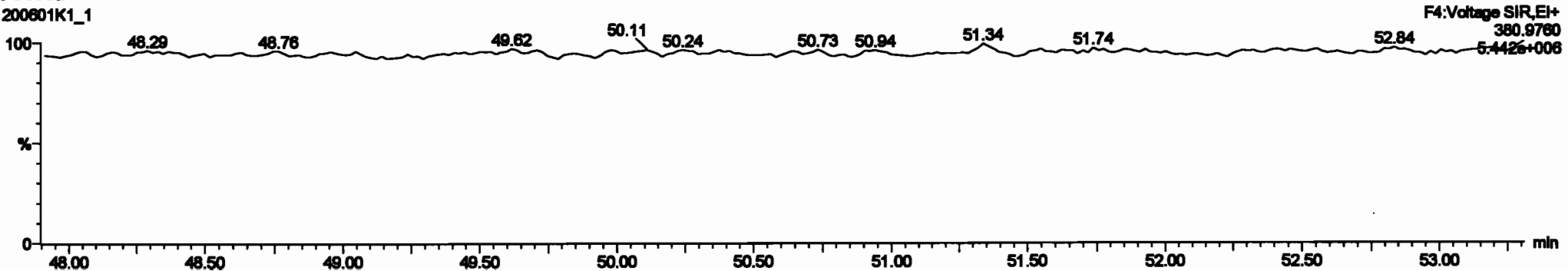


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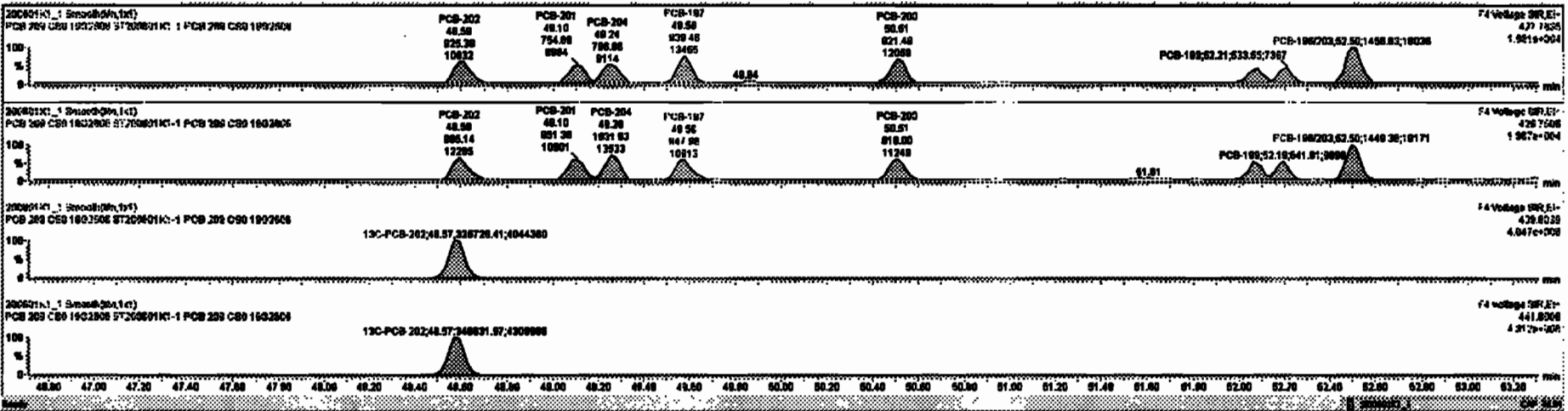
PFK4d

200601K1\_1



Item	Desc	QTY	UOM	UNIT PRICE	TOTAL PRICE	TAX	NET PRICE	DISC	AMOUNT	DATE	STATUS	AMOUNT	DATE	STATUS
227	3rd Function Tr-PCBs			0.0000	1.000	0.00	0.000	NO	3.890			0.191	3.890	
228	Total Trns-PCBs			1.0770	1.000	0.00	0.000	NO	0.917			0.267	0.917	
229	3rd Function Parls-PCBs			1.2107	1.000	0.00	0.000	NO	0.900			0.210	0.900	
230	4th Function Parls-PCBs			1.2735	1.000	0.00	0.000	NO	1.146			0.0230	1.146	
231	3rd Function Hous-PCBs			0.8895	1.000	0.00	0.000	NO	3.400			0.100	3.400	
232	4th Function Hous-PCBs			1.8910	1.000	0.00	0.000	NO	0.431			0.180	0.431	
233	Total Hous-PCBs			1.3891	1.000	0.00	0.000	NO	0.890			0.225	0.890	
234	5th Function Ods-PCBs			1.1489	1.000	0.00	0.000	NO	0.7210			0.0267	0.7210	
235	Total Mamp-PCBs			0.8823	1.000	0.00	0.000	NO	0.7191			0.0223	0.7190	
237	Dose-CD			0.8894	1.000	0.00	0.000	NO	0.3888			0.0000	0.3888	
238	Total PCBs													

Item	Desc	QTY	UOM	UNIT PRICE	TOTAL PRICE	TAX	NET PRICE	DISC	AMOUNT	DATE	STATUS	AMOUNT	DATE	STATUS
184	PCB-202	48.01	48.00	0.264e2	0.001e2	0.000	0.00	NO	0.24500	0.24480				
185	PCB-201	48.00	48.10	7.847e2	0.514e2	0.000	0.70	NO	0.24100	0.24103				
186	PCB-204	48.24	48.24	7.888e2	1.232e2	0.000	0.77	NO	0.23800	0.23841				
187	PCB-197	48.00	48.00	0.389e2	0.480e2	0.000	0.80	NO	0.34800	0.34794				
188	PCB-200	80.48	80.01	0.218e2	0.180e2	0.000	1.80	NO	0.28800	0.28875				
189	PCB-199	82.00	82.00	1.403e2	0.728e2	0.000	0.91	NO	0.22800	0.22888				
190	PCB-198	82.17	82.21	0.208e2	0.418e2	0.000	0.80	NO	0.21800	0.21804				
191	PCB-199-000	82.00	82.00	1.408e2	1.408e2	0.000	1.80	NO	0.81800	0.81804				



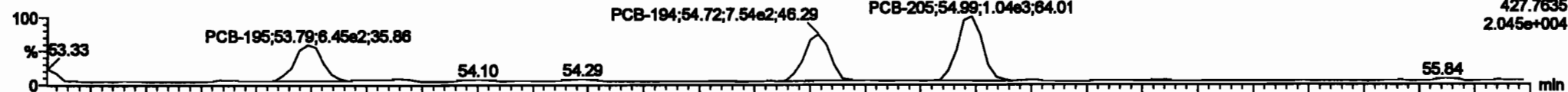
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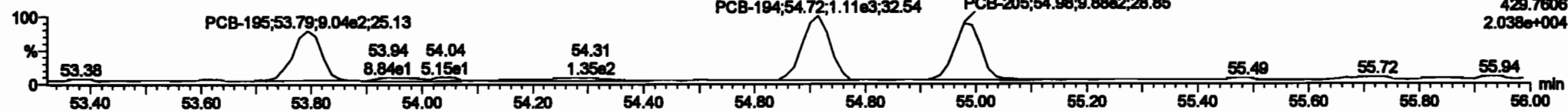
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PCB-195

200601K1\_1

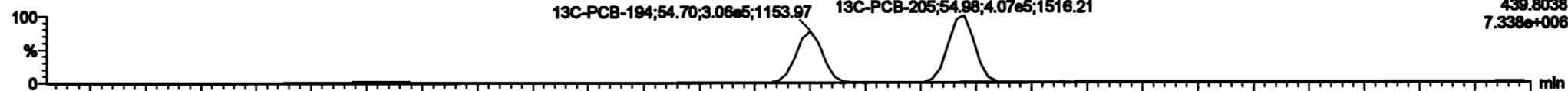


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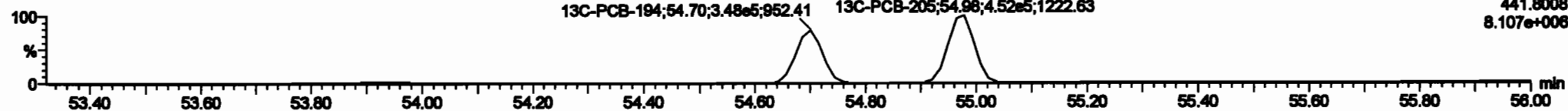


13C-PCB-194

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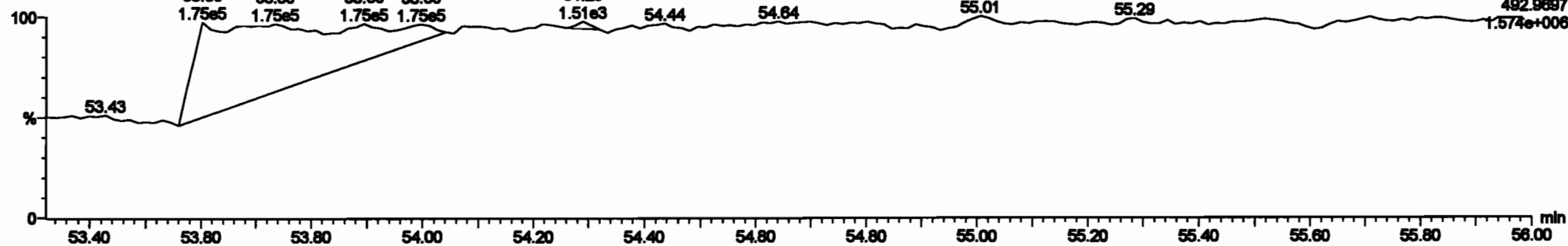


200601K1\_1



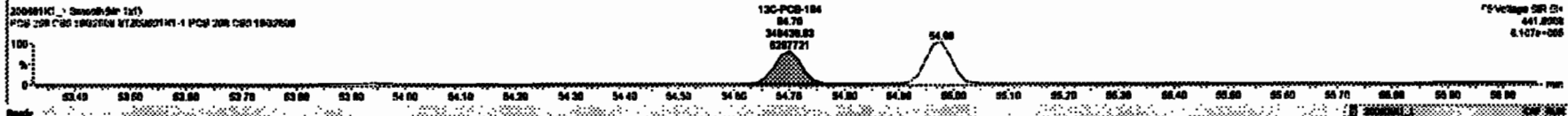
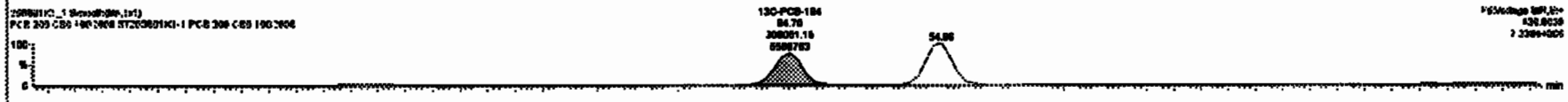
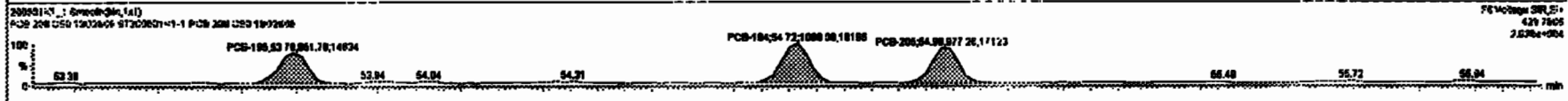
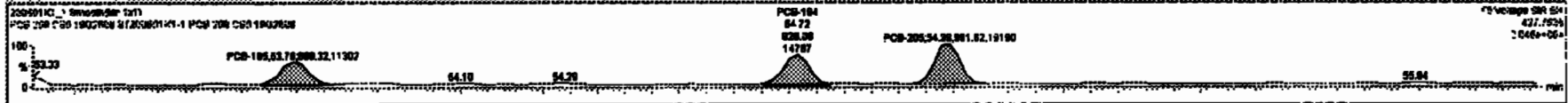
PFK5a

200601K1\_1



Sample	Mass	Area	Height	Width	Area%	Height%	Width%	Mass	Area	Height	Width	Area%	Height%	Width%
227 2nd Function PA-PCBs		0.5023	1.000	0.00	0.000	NO	3.000	0.191	2.000					
228 1st Function PCBs		1.0776	1.000	0.00	0.000	NO	0.917	0.297	0.917					
229 2nd Function PA-PCBs		1.9197	1.000	0.00	0.000	NO	0.800	0.210	0.800					
230 4th Function PA-PCBs		1.0776	1.000	0.00	0.000	NO	1.140	0.000	1.140					
231 2nd Function PA-PCBs		0.0000	1.000	0.00	0.000	NO	3.400	0.100	3.400					
232 4th Function PA-PCBs		1.0010	1.000	0.00	0.000	NO	0.491	0.100	0.491					
233 1st Function PA-PCBs		1.0001	1.000	0.00	0.000	NO	6.000	0.200	6.000					
234 4th Function PA-PCBs		1.0000	1.000	0.00	0.000	NO	2.100	0.014	2.100					
235 2nd Function PA-PCBs		1.0000	1.000	0.00	0.000	NO	1.100	0.000	1.100					
236 1st Function PA-PCBs		0.0000	1.000	0.00	0.000	NO	0.7101	0.000	0.7101					
237 2nd Function PA-PCBs		0.0004	1.000	0.00	0.000	NO	0.2000	0.0000	0.2000					
238 Total PCBs														

Peak	Area	Height	Width	Area%	Height%	Width%	Mass	Area	Height	Width	Area%	Height%	Width%
100 PCB-106	63.80	63.70	0.0000	0.9170	0.000	0.00	0.2000	0.2000					
101 PCB-104	64.72	64.72	0.0000	1.0000	0.000	0.70	0.2000	0.2000					
104 PCB-205	64.80	64.80	0.0100	0.7700	0.000	1.00	0.2000	0.2000					



Dataset: Untitled

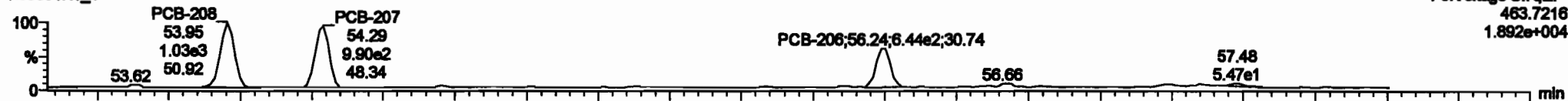
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

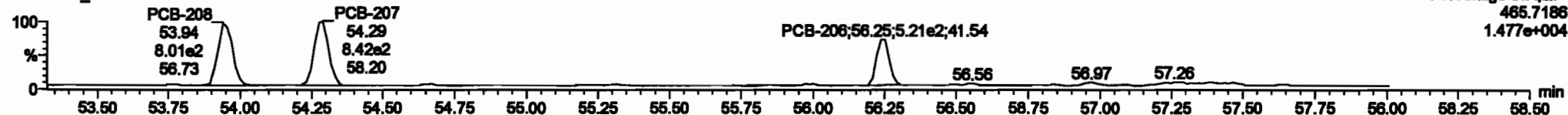
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**PCB-208**

200601K1\_1

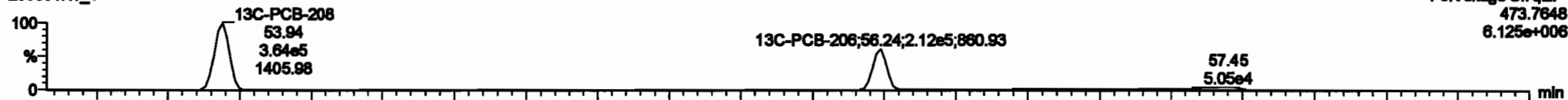


200601K1\_1

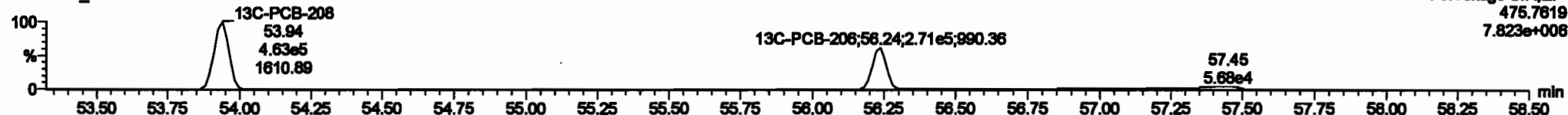


**13C-PCB-208**

200601K1\_1

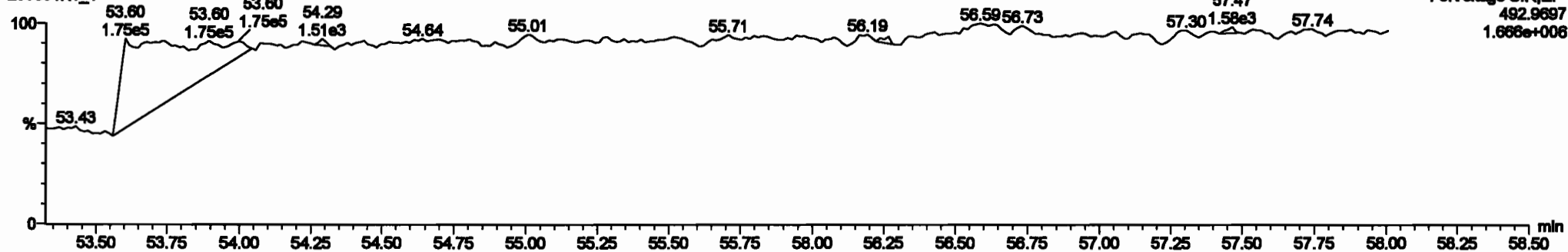


200601K1\_1



**PFK5**

200601K1\_1



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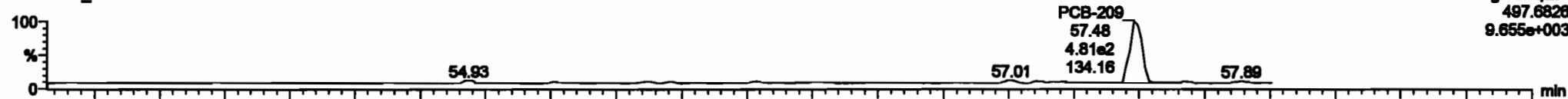
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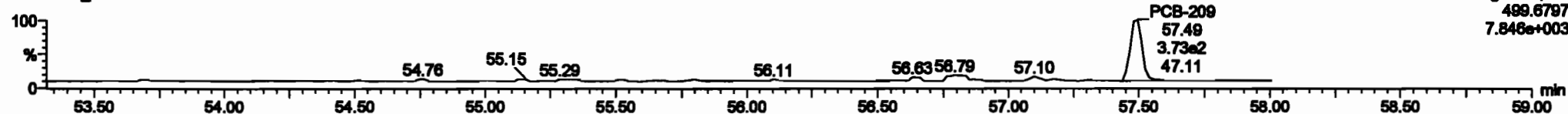
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**PCB-209**

200601K1\_1

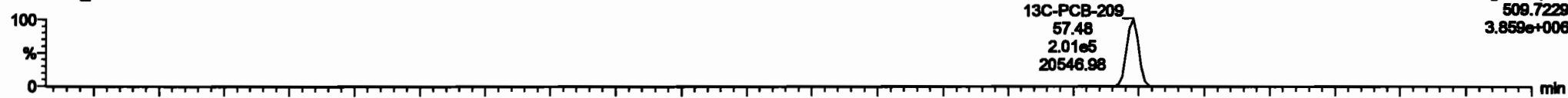


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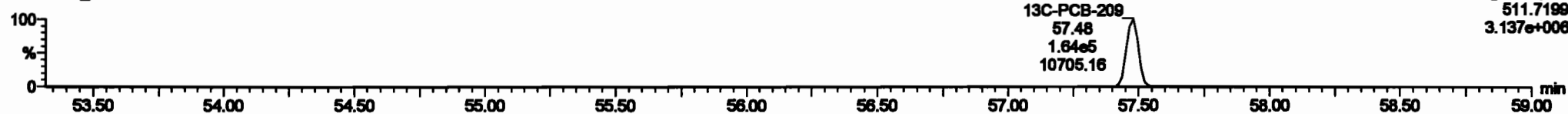


**13C-PCB-209**

200601K1\_1

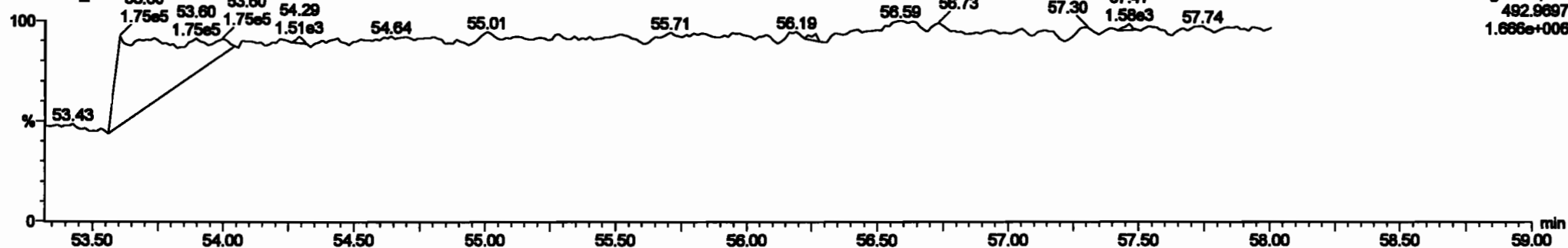


200601K1\_1



**PFK5b**

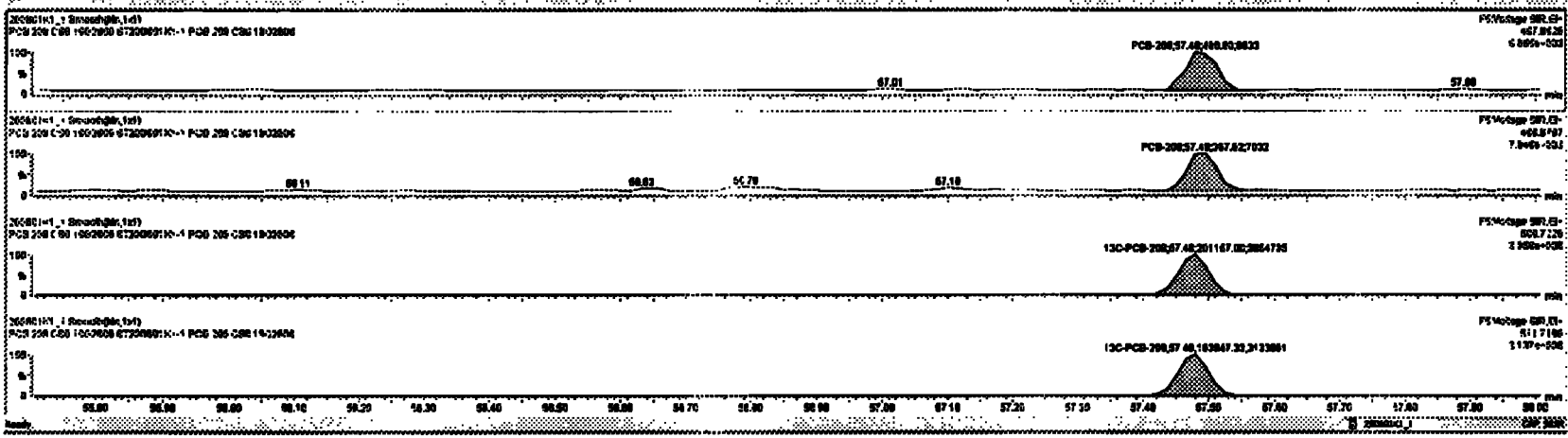
200601K1\_1





Item	Material	Quantity	Unit Price	Total Price	Material	Quantity	Unit Price	Total Price	Material	Quantity	Unit Price	Total Price
227	2nd Purition 1st-PCBs											
228	Total 1st-PCBs											
229	2nd Purition 2nd-PCBs											
230	4th Purition 1st-PCBs											
231	2nd Purition 1st-PCBs											
232	4th Purition 1st-PCBs											
233	Total 1st-PCBs											
234	4th Purition 1st-PCBs											
235	2nd Purition 1st-PCBs											
236	4th Purition 1st-PCBs											
237	Total 1st-PCBs											
238	Total 1st-PCBs											

PCB-208	67.48	67.48	4.88e-02	3.27e-02	1.770	1.21	ND	0.20000	0.20000
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Dataset: Untitled

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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

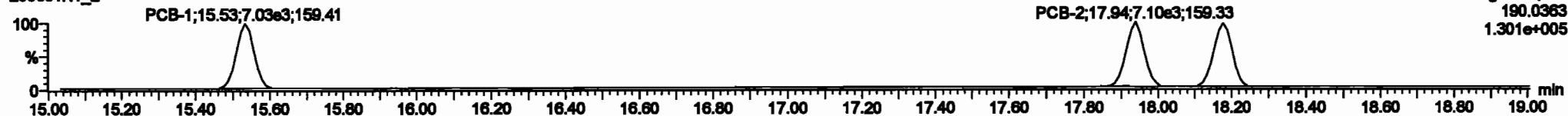
**PCB-1**

200601K1\_2



F1:Voltage SIR,EI+  
188.0393  
3.917e+005

200601K1\_2



F1:Voltage SIR,EI+  
190.0363  
1.301e+005

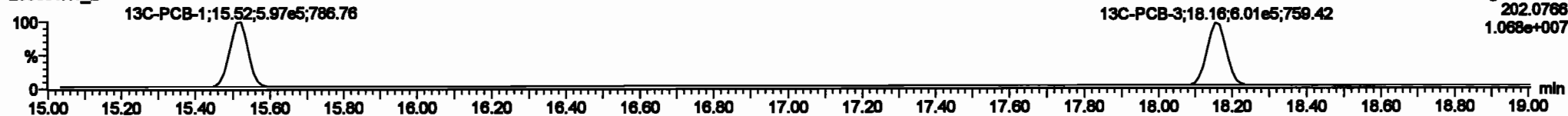
**13C-PCB-1**

200601K1\_2



F1:Voltage SIR,EI+  
200.0795  
3.329e+007

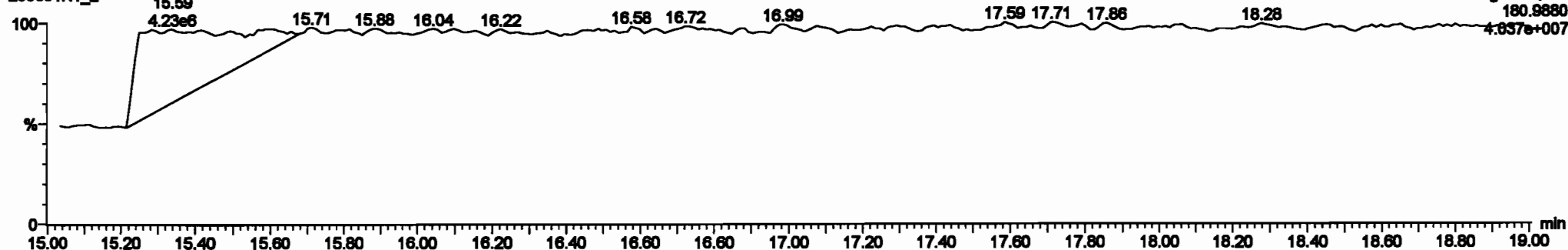
200601K1\_2



F1:Voltage SIR,EI+  
202.0766  
1.068e+007

**PFK1**

200601K1\_2



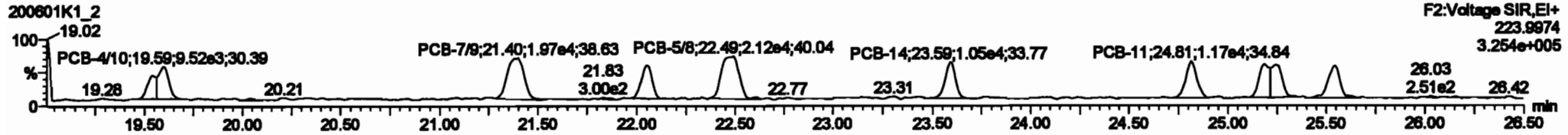
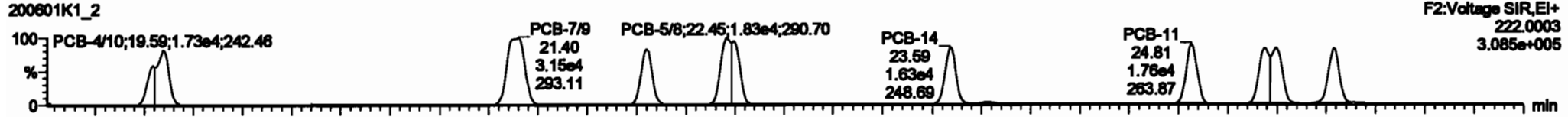
F1:Voltage SIR,EI+  
180.9880  
4.637e+007

Dataset: Untitled

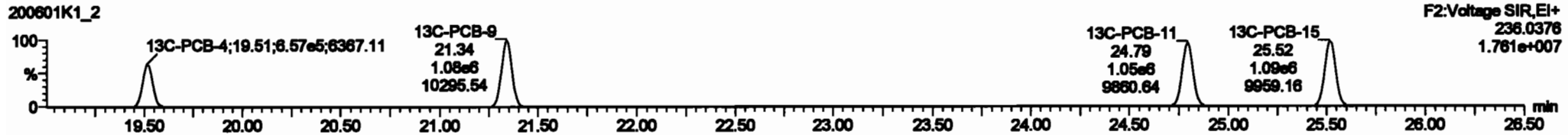
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Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

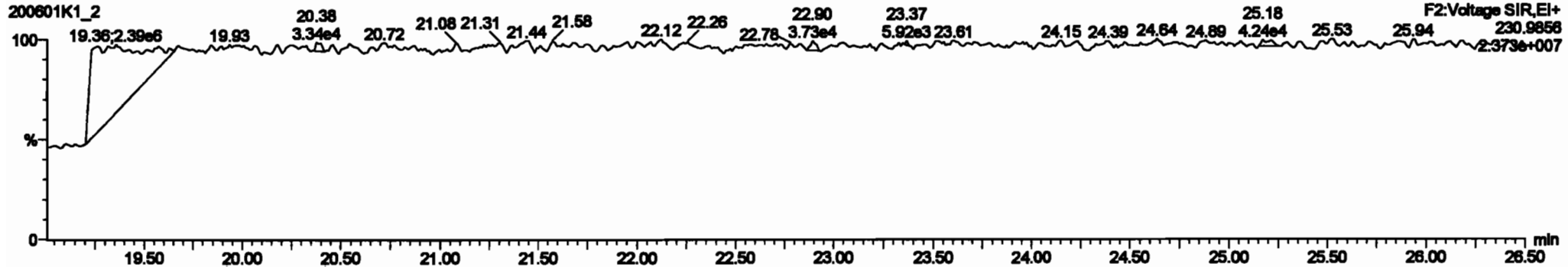
PCB-4/10



13C-PCB-4

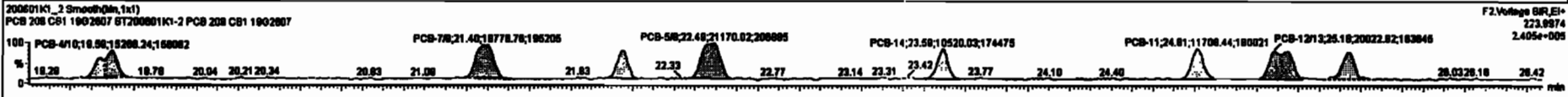
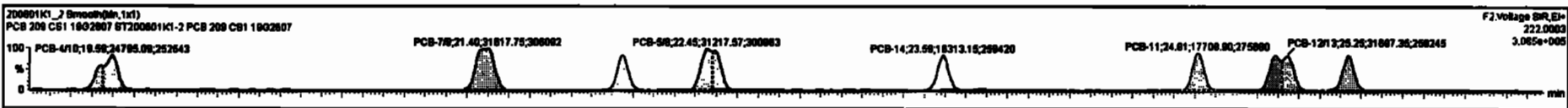


PFK2a



#	Name	Range	RA	Qty	Unit	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT
223	13C-PCB-178	7.18e6	0.45	NO	1.0000	1.000	46.87	46.87	0.000	0.000	NO	104.2	104	0.0072					
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 Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0652	7.832				
226	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71				
227	Total Tetra-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.382	40.38				
228	2nd Function Penta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.87		0.570	38.87				
229	4th Function Penta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785				
230	2nd Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32				
231	4th Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	26.45		0.302	26.45				
232	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.230	23.19				
233	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	wt Range	cd Range	* Ratio (Prod)	RA	Qty	-BSPC	Cons.
1	4 PCB-478	18.80	18.80	2.480e4	1.527e4	1.580	1.82	NO	1.8718	1.8708
2	6 PCB-78	21.40	21.40	3.162e4	1.878e4	1.580	1.80	NO	1.8888	1.8881
3	8 PCB-8	22.08	22.08	1.817e4	1.806e4	1.580	1.81	NO	0.82800	0.82812
4	7 PCB-64	22.48	22.48	3.122e4	2.117e4	1.580	1.40	NO	1.8070	1.8088
5	8 PCB-14	23.80	23.80	1.821e4	1.852e4	1.580	1.58	NO	0.87700	0.87678
6	9 PCB-11	24.81	24.81	1.771e4	1.171e4	1.580	1.81	NO	0.88700	0.88713
7	10 PCB-13/13	25.25	25.25	3.170e4	2.002e4	1.580	1.58	NO	1.8880	1.8885
8	11 PCB-15	26.58	26.54	1.829e4	1.021e4	1.580	1.58	NO	0.88400	0.88281



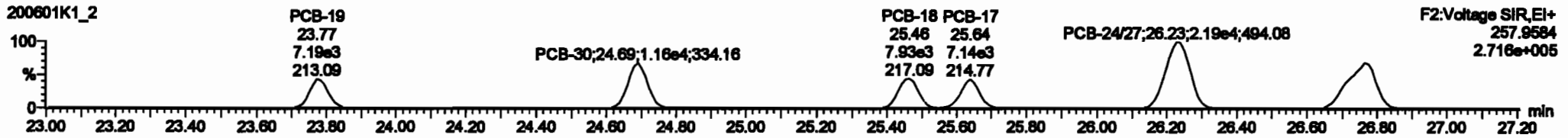
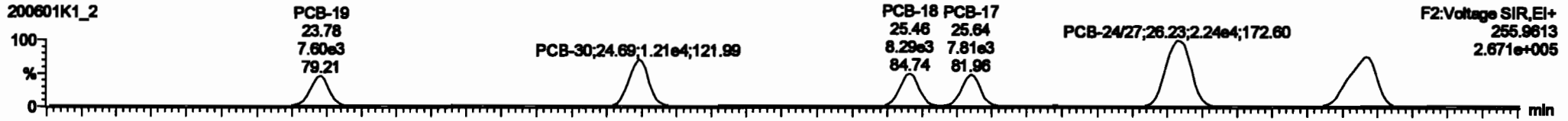
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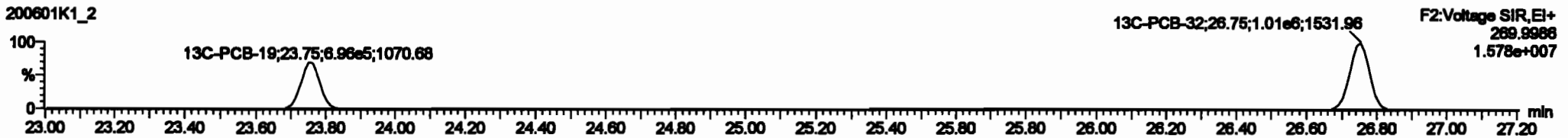
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Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

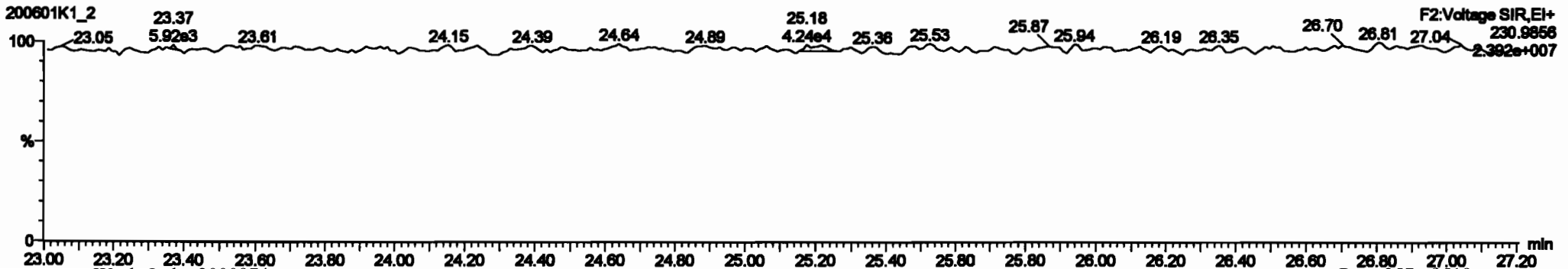
**PCB-19**



**13C-PCB-19**

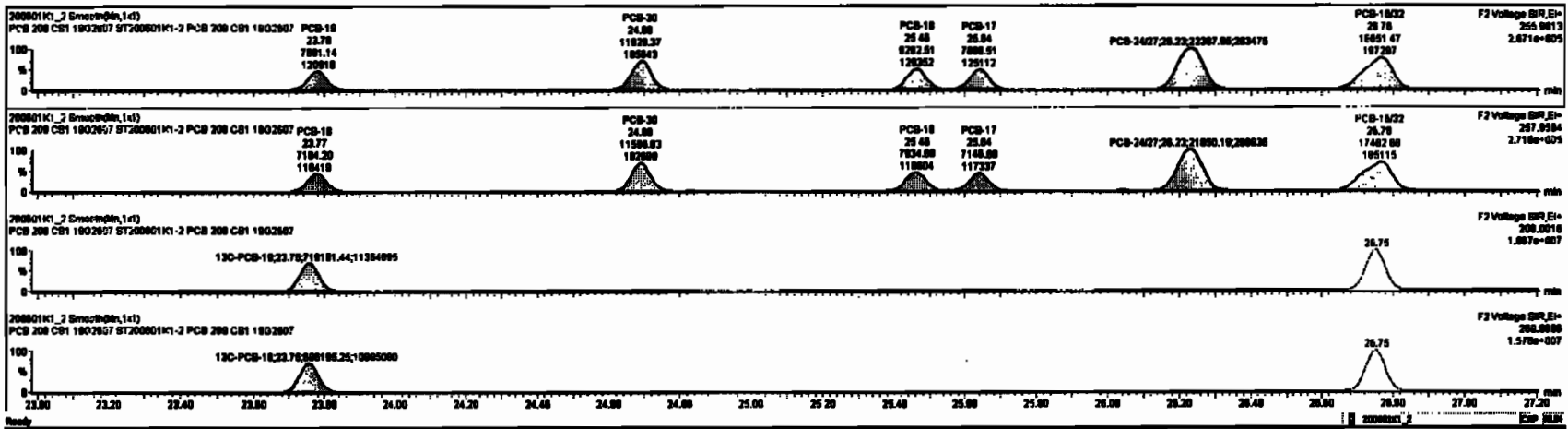


**PFK2b**



#	Name	Step	RA	RY	RFY	Offset	Height	SE	PeakA	HT	HT Pk	Comp	Width	Area	Height
223	13C-PCB-178	7.50e6	0.48	ND	1.0000	1.000	46.87	0.023	0.023	ND	104.2	104	0.0072	0.0072	0.0072
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	2.054	2.054	0.0200	2.054	0.0200
225	Total Di-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	11.30	11.30	0.0277	11.30	0.0277
226	Total Tri-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	0.000	0.000	0.0000	0.0000	0.0000
227	2nd Purition Tri-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	10.71	10.71	0.0201	10.71	0.0201
228	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	40.20	40.20	0.3802	40.20	0.3802
229	2nd Purition Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	30.67	30.67	0.0703	30.67	0.0703
230	4th Purition Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	4.788	4.788	0.0713	4.788	0.0713
231	2nd Purition Hemo-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	13.33	13.33	0.120	13.33	0.120
232	4th Purition Hemo-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	20.48	20.48	0.263	20.48	0.263
233	Total Hemo-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	25.16	25.16	0.250	25.16	0.250
234	4th Purition Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	0.215	0.215	0.0000	0.215	0.0000

#	Name	PeakA	HT	HT Pk	Offset	Area	Height	SE	PeakA	HT	HT Pk	Comp
1	13 PCB-18	23.79	23.79	7.00e6	7.10e6	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
2	13 PCB-30	24.80	24.80	1.10e6	1.10e6	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
3	14 PCB-18	26.48	26.48	0.20e6	7.00e6	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
4	15 PCB-17	26.84	26.84	7.00e6	7.50e6	1.000	1.00	ND	0.0000	0.0000	0.0000	0.0000
5	16 PCB-3407	28.20	28.20	2.50e6	2.50e6	1.000	1.00	ND	1.0000	1.0000	1.0000	1.0000
6	17 PCB-1632	26.77	26.78	1.00e6	1.70e6	1.000	1.00	ND	1.0000	1.0000	1.0000	1.0000

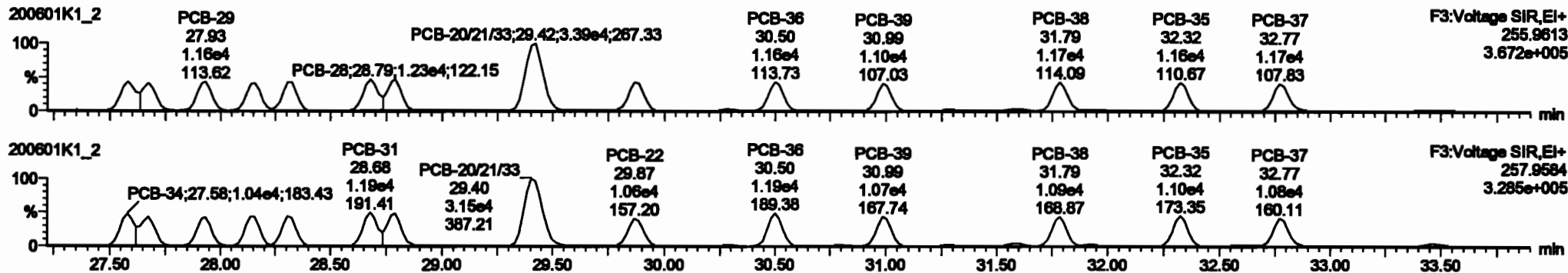


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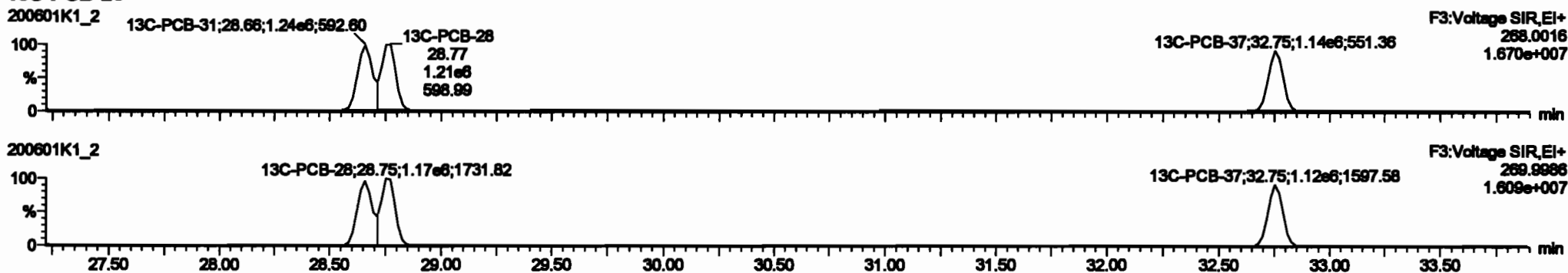
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

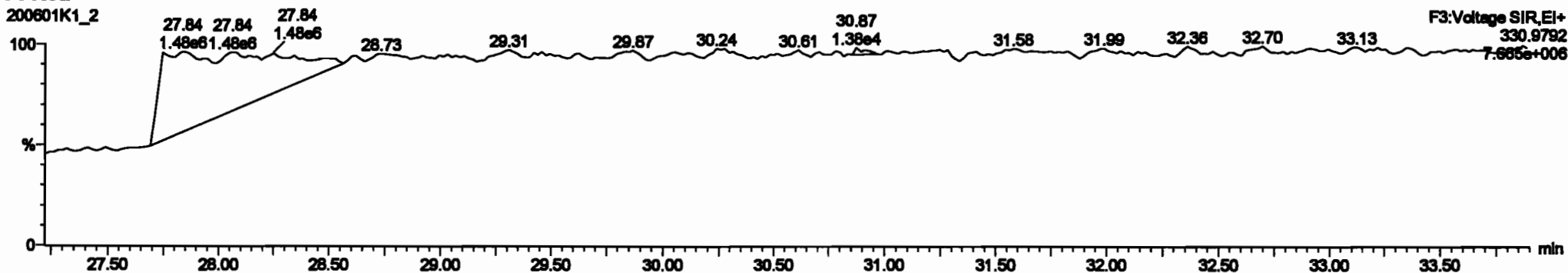
PCB-34



13C-PCB-28

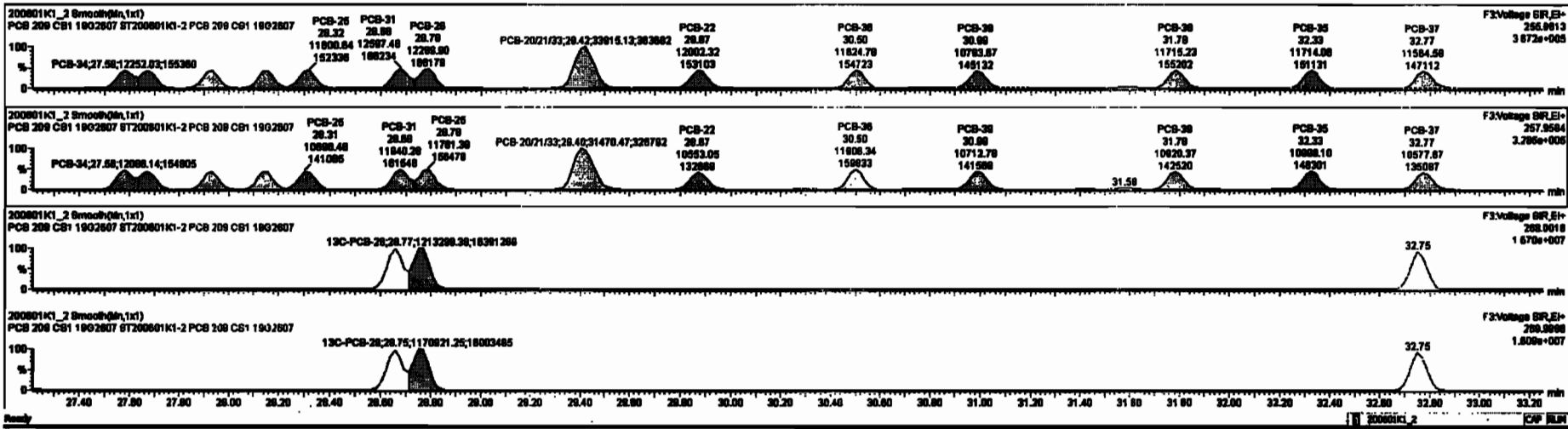


PFK3d



PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37	PCB-32
220	152	152	152	152	152	152	152	152	152	152
224	152	152	152	152	152	152	152	152	152	152
225	152	152	152	152	152	152	152	152	152	152
226	152	152	152	152	152	152	152	152	152	152
228	152	152	152	152	152	152	152	152	152	152
229	152	152	152	152	152	152	152	152	152	152
230	152	152	152	152	152	152	152	152	152	152
231	152	152	152	152	152	152	152	152	152	152
232	152	152	152	152	152	152	152	152	152	152
233	152	152	152	152	152	152	152	152	152	152
234	152	152	152	152	152	152	152	152	152	152

PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37	PCB-32
18	27.89	27.89	1.228e4	1.208e4	1.040	1.01	NO	1.0800	1.0788	
19	27.87	27.87	1.015e4	0.832e0	1.040	1.07	NO	0.83500	0.83318	
20	27.83	27.83	1.180e4	1.030e4	1.040	1.12	NO	1.0310	1.0313	
21	28.18	28.18	1.143e4	1.089e4	1.040	1.04	NO	0.88800	0.88880	
22	28.31	28.32	1.180e4	1.070e4	1.040	1.08	NO	0.88800	0.88485	
23	28.88	28.88	1.280e4	1.184e4	1.040	1.05	NO	0.88300	0.88318	
24	28.78	28.78	1.228e4	1.178e4	1.040	1.04	NO	0.89000	0.88418	
25	28.43	28.42	3.362e4	3.147e4	1.040	1.08	NO	2.9130	2.9138	
26	28.87	28.87	1.200e4	1.088e4	1.040	1.14	NO	0.87280	0.87243	



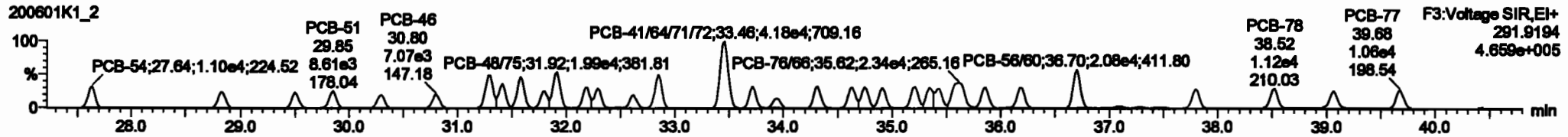
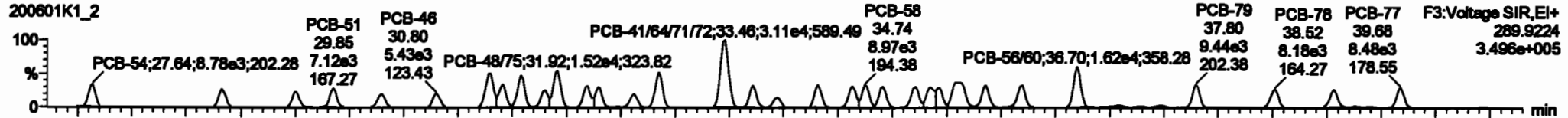


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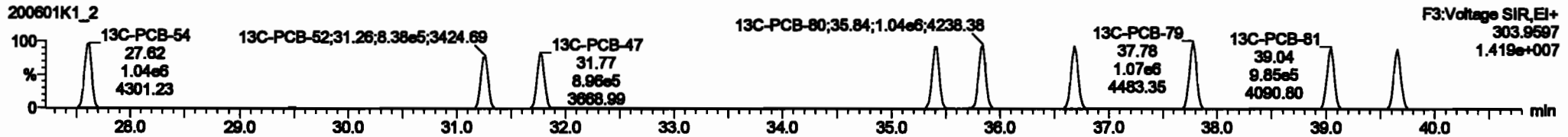
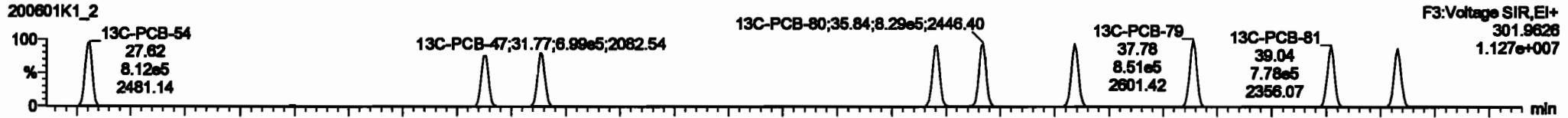
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

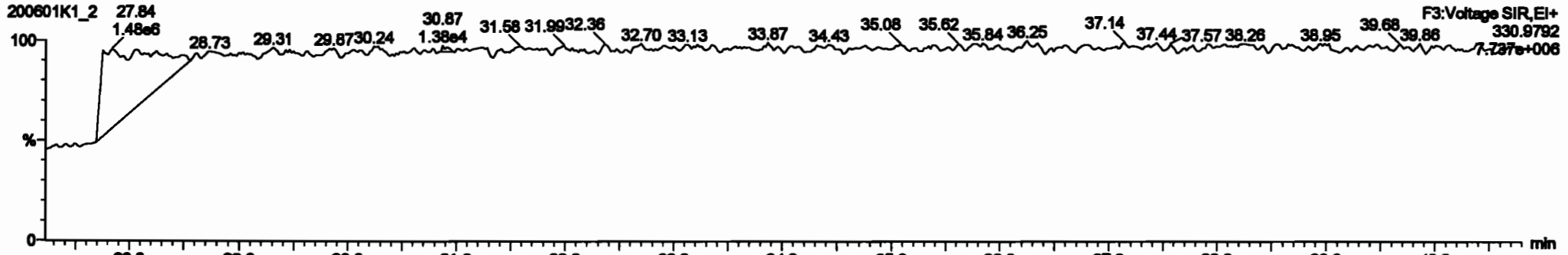
**PCB-54**



**13C-PCB-54**



**PFK3a**



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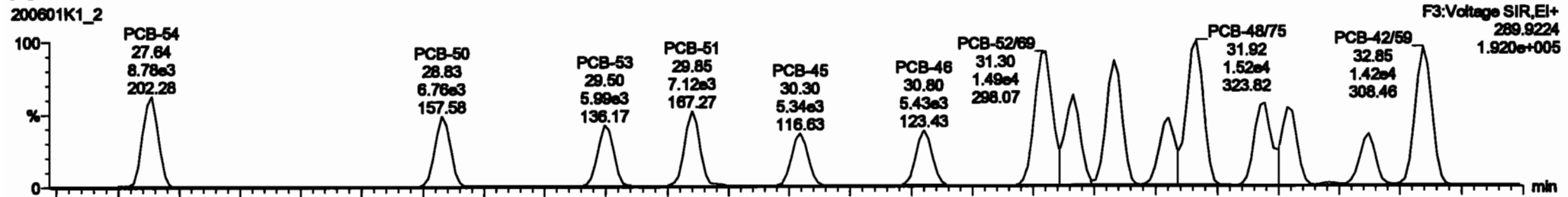
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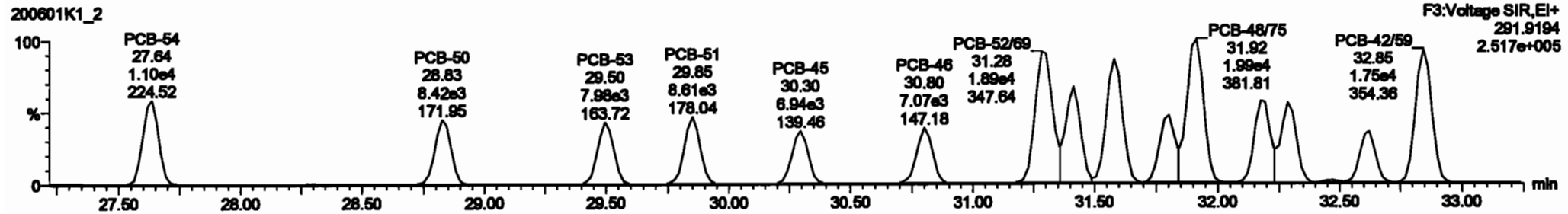
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PCB-50

200601K1\_2



200601K1\_2

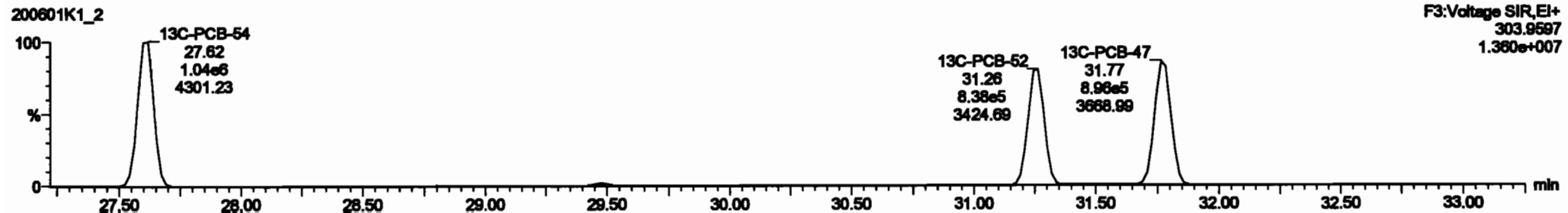


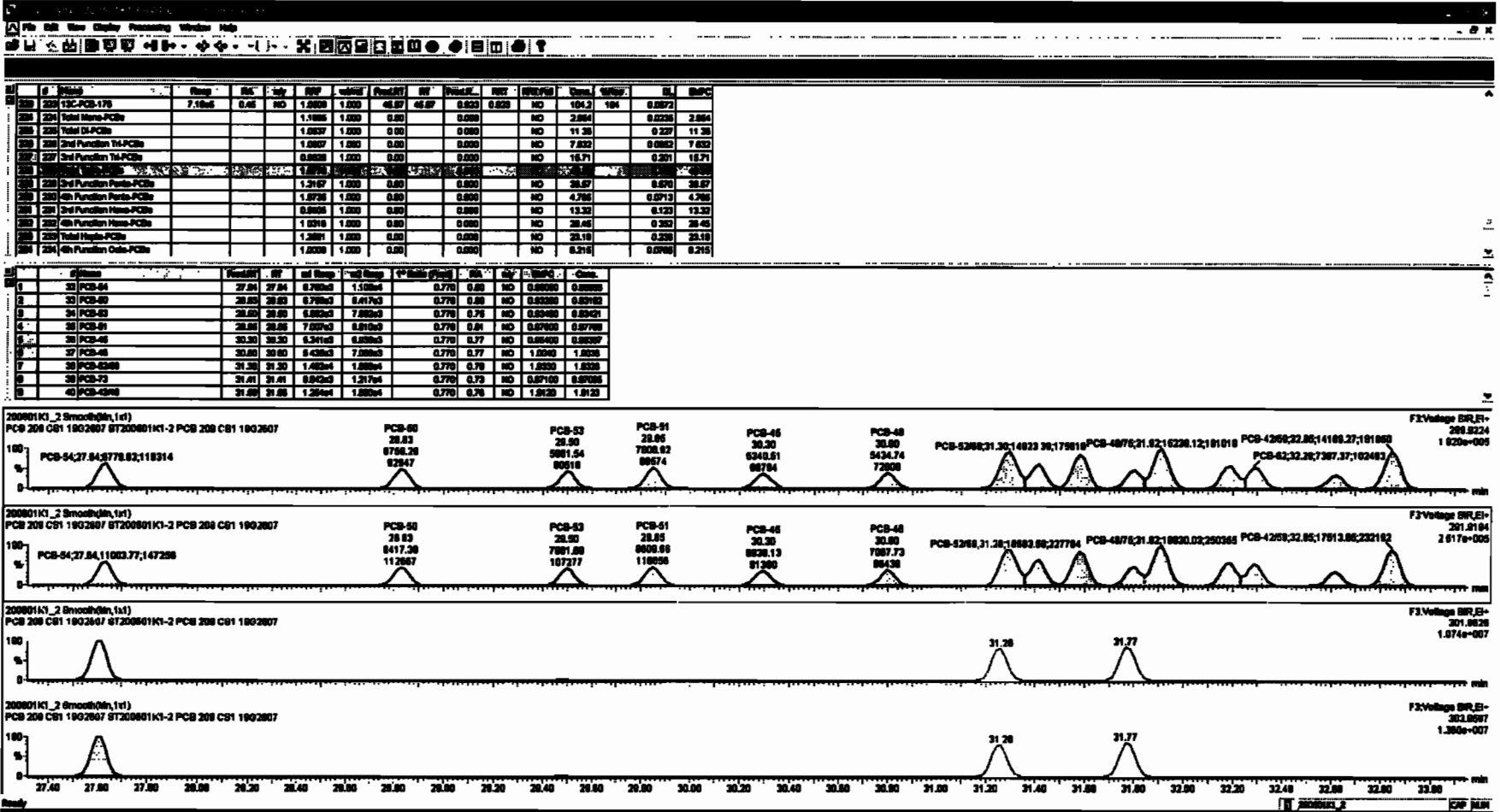
13C-PCB-52

200601K1\_2



200601K1\_2





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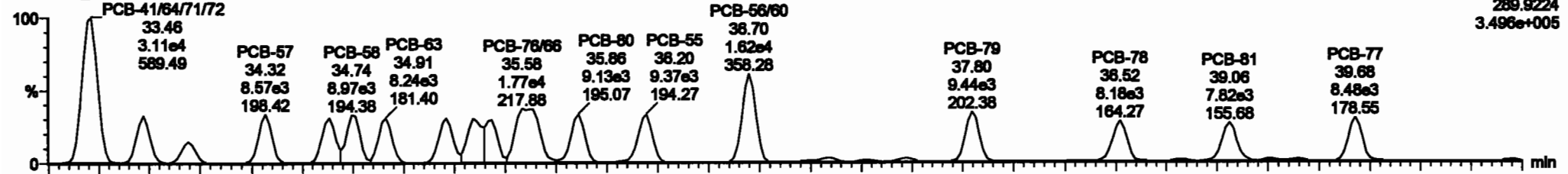
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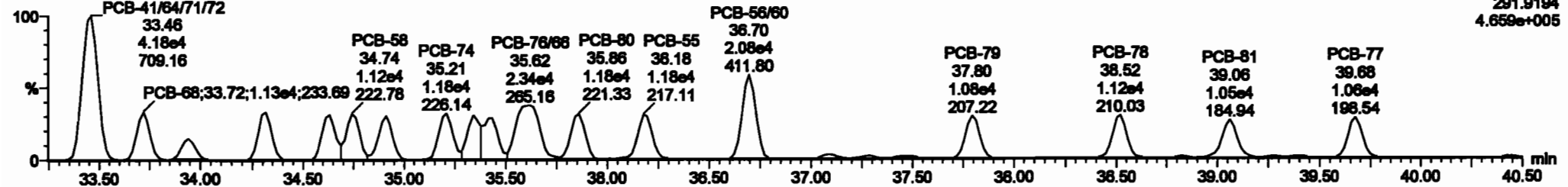
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**PCB-68**

200601K1\_2

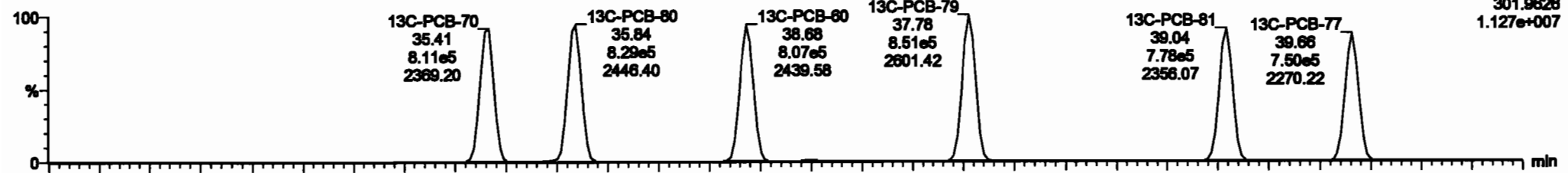


200601K1\_2

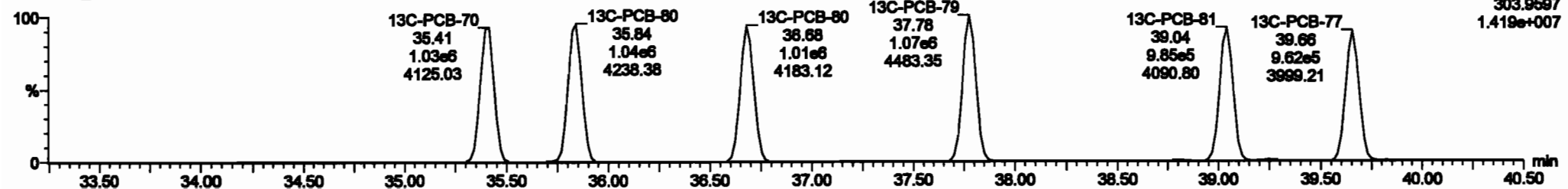


**13C-PCB-60**

200601K1\_2

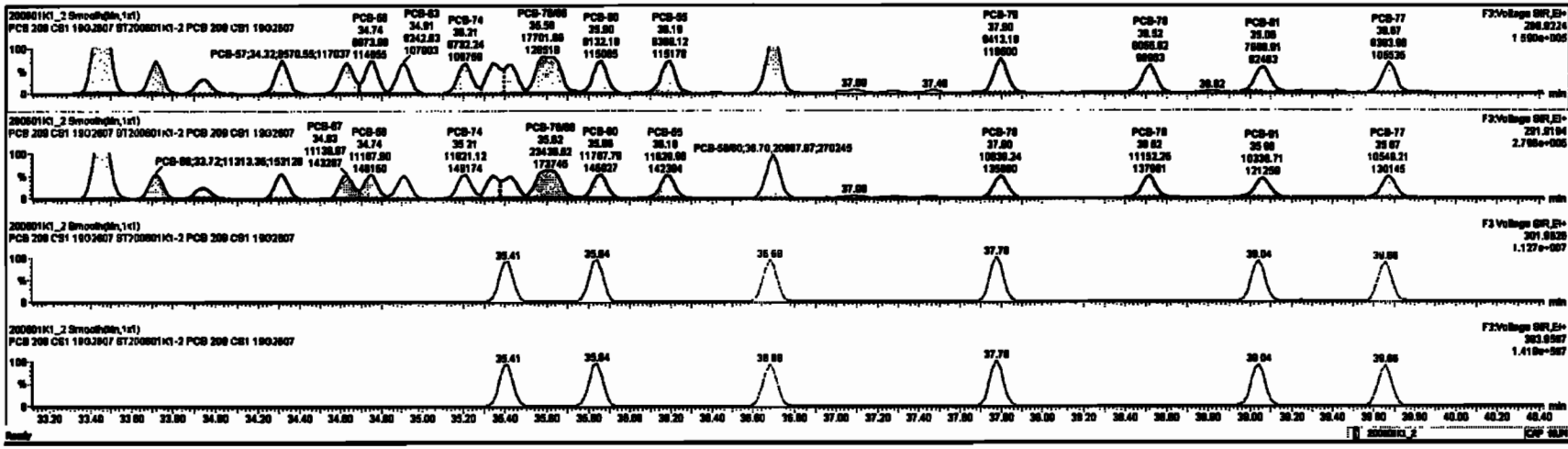


200601K1\_2



#	Unit	Step	RA	dy	RF	valhd	ProdID	BT	ProdA	RF	RFI	Comp	Unit	SL	RFPC
220	13C-PCB-170	7.10hd	0.05	NO	1.0000	1.000	46.67	46.67	0.000	0.000	NO	104.3	104	0.0072	
221	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0238	2.884
222	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
223	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.800		0.0000	7.800
224	2nd Function Tetra-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71
225	3rd Function Penta-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.870	38.67
226	4th Function Hexa-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.788		0.0713	4.788
227	2nd Function Hepta-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.30		0.120	13.30
228	3rd Function Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.48		0.300	38.48
229	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.200	23.18
230	4th Function Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	8.918		0.0700	8.918	

#	Unit	ProdID	BT	valhd	RF	RFI	Comp	Unit	SL	RFPC
1	PCB-64	27.84	27.84	0.780e3	1.000e4	0.770	0.80	NO	0.00000	0.00000
2	PCB-65	28.80	28.80	0.780e3	8.497e3	0.770	0.80	NO	0.00000	0.00163
3	PCB-63	28.90	28.90	0.800e3	7.800e3	0.770	0.76	NO	0.00000	0.00021
4	PCB-61	28.88	28.88	7.000e3	0.010e3	0.770	0.81	NO	0.00000	0.00768
5	PCB-66	30.30	30.30	0.341e3	0.000e3	0.770	0.77	NO	0.00000	0.00007
6	PCB-68	30.00	30.00	0.430e3	7.000e3	0.770	0.77	NO	1.00000	1.00000
7	PCB-6000	31.20	31.20	1.400e3	1.000e4	0.770	0.78	NO	1.00000	1.00000
8	PCB-72	31.01	31.01	0.000e3	1.217e4	0.770	0.73	NO	0.00000	0.00000

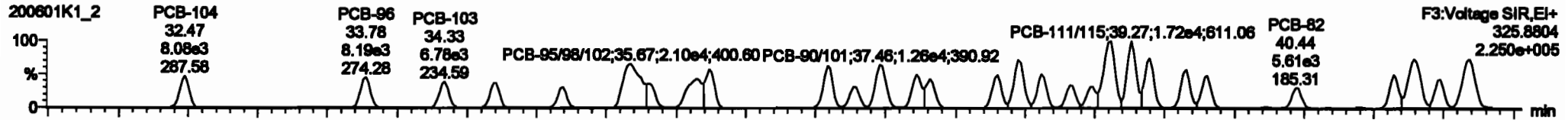


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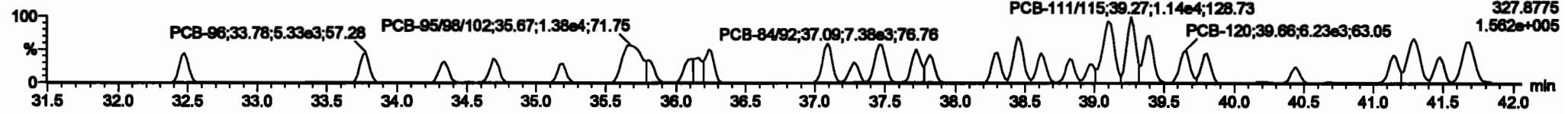
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

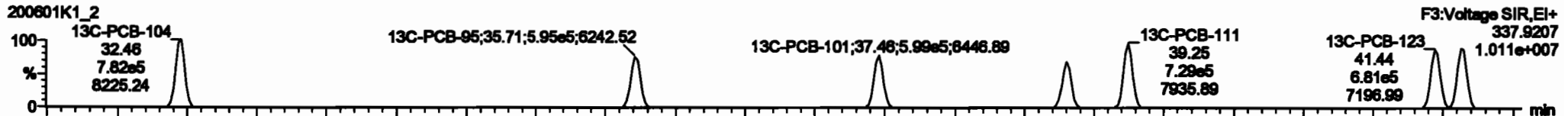
**PCB-104**



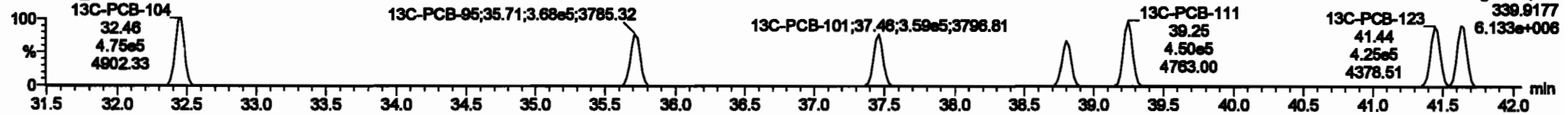
**200601K1\_2**



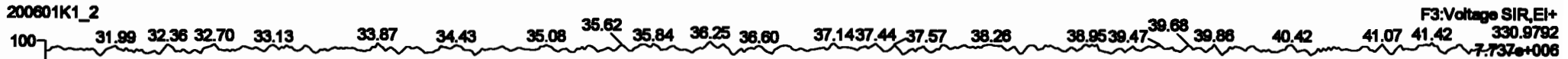
**13C-PCB-104**



**200601K1\_2**



**PFK3b**

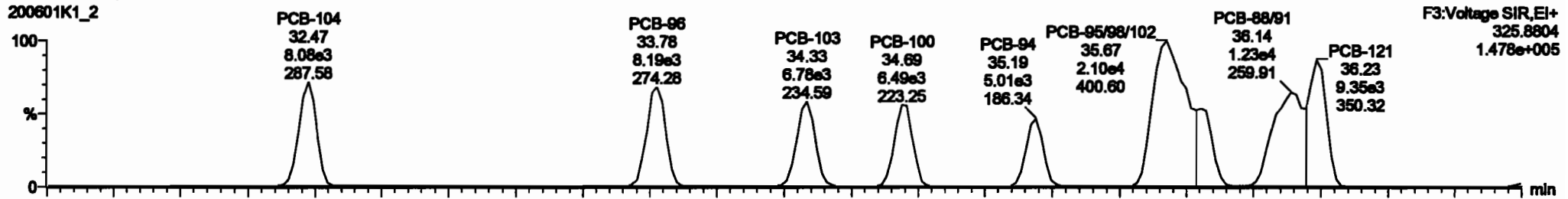


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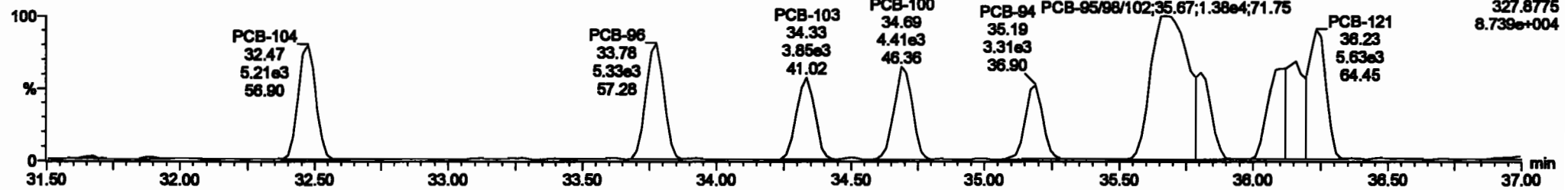
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

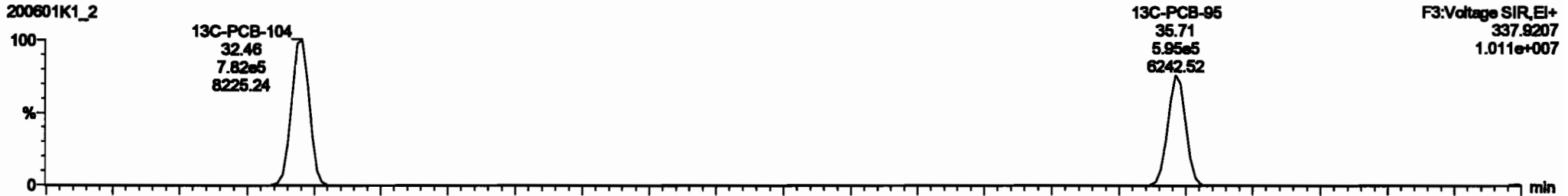
PCB-96



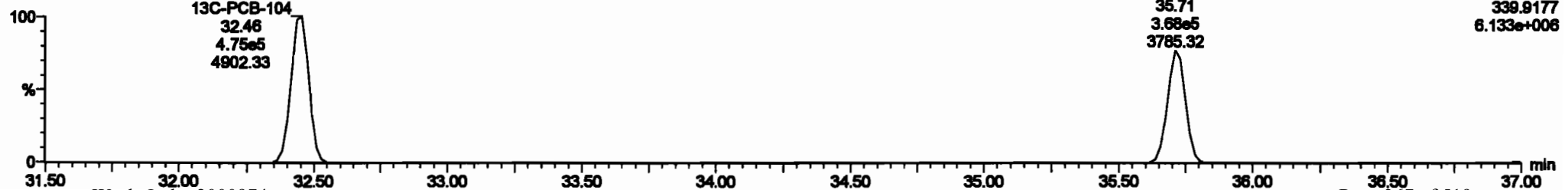
200601K1\_2



13C-PCB-95

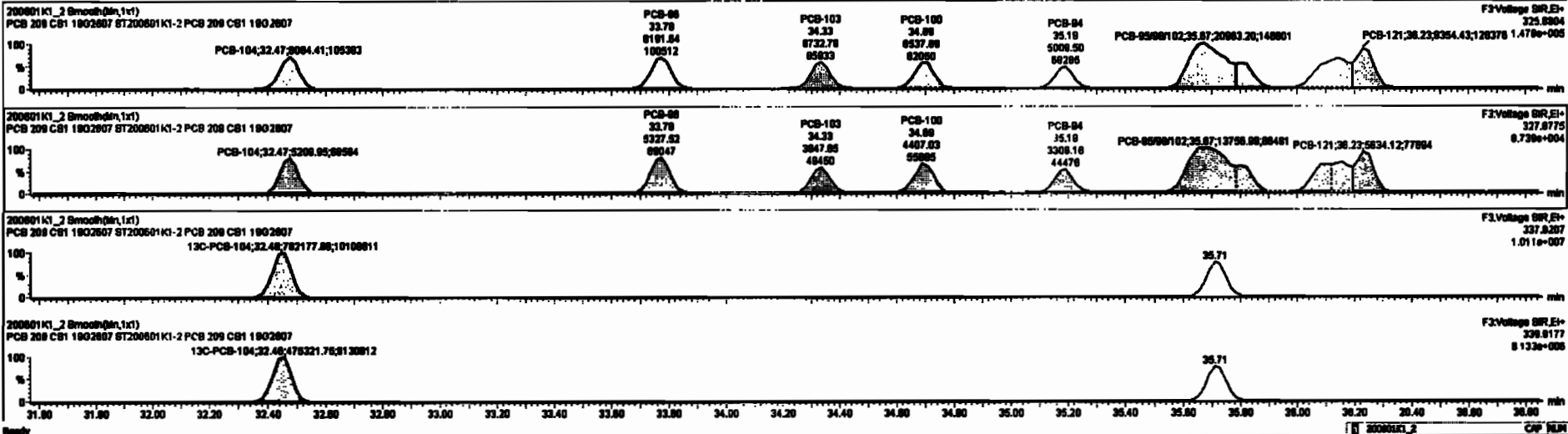


200601K1\_2



#	Name	Step	PA	Qty	QSP	Unit	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 Tri-PCBs				1.8770	1.000	0.00	0.00	0.000	0.000	NO	40.39		0.302	40.39
229	4th Function Quad-PCBs				1.2000	1.000	0.00	0.00	0.000	0.000	NO	30.67		0.070	30.67
230	5th Function Quad-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785
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				1.0218	1.000	0.00	0.00	0.000	0.000	NO	26.46		0.382	26.46
233	Total Hexa-PCBs				1.9018	1.000	0.00	0.00	0.000	0.000	NO	39.19		0.238	39.19
234	2nd 4th Function Octa-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	NO	8.970		0.0770	8.970

#	Name	Step	PA	Qty	QSP	Unit	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	0.94300	0.94218		
65	PCB-88				33.78	33.78	0.102e3	0.329e3	1.000	1.04	NO	0.93200	0.93176		
66	PCB-103				34.33	34.33	0.723e3	3.898e3	1.000	1.75	NO	0.88800	0.88844		
67	PCB-100				34.88	34.88	0.838e3	4.407e3	1.000	1.48	NO	0.91300	0.91274		
68	PCB-84				35.18	35.18	0.070e3	3.308e3	1.000	1.01	NO	0.91000	0.90980		
69	PCB-85/88/102				35.87	35.87	2.088e4	1.378e4	1.000	1.82	NO	2.8820	2.8822		
70	PCB-80				36.78	36.81	0.282e3	3.332e3	1.000	1.88	NO	0.88700	0.88728		
71	PCB-88/81				38.14	38.14	1.228e4	0.007e3	1.000	1.82	NO	1.8780	1.8781		



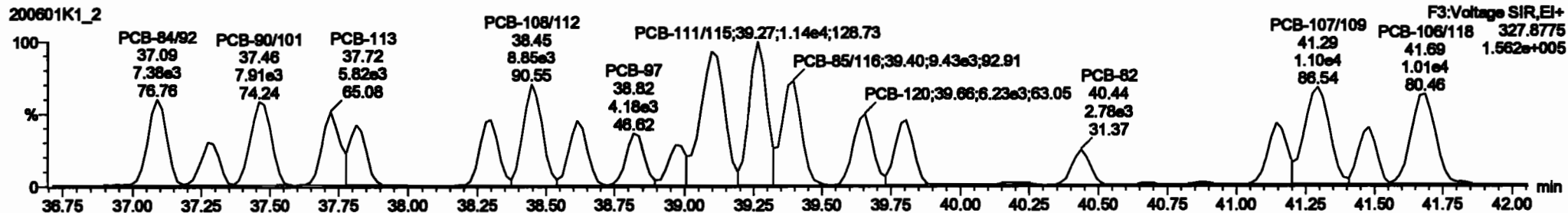
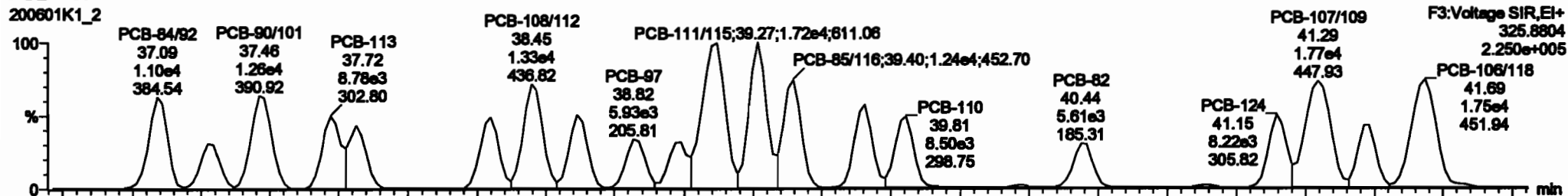


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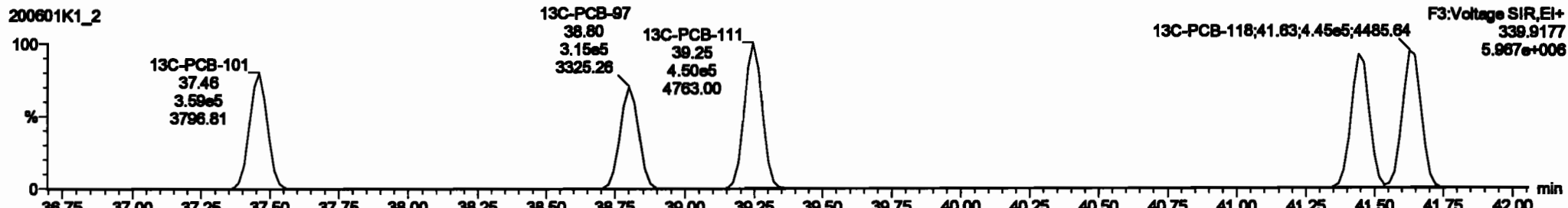
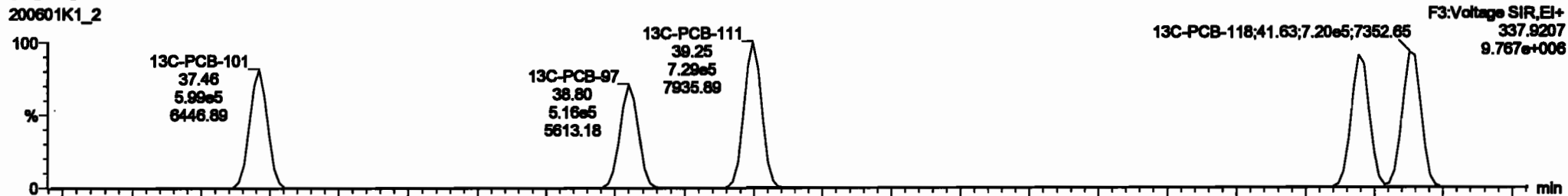
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

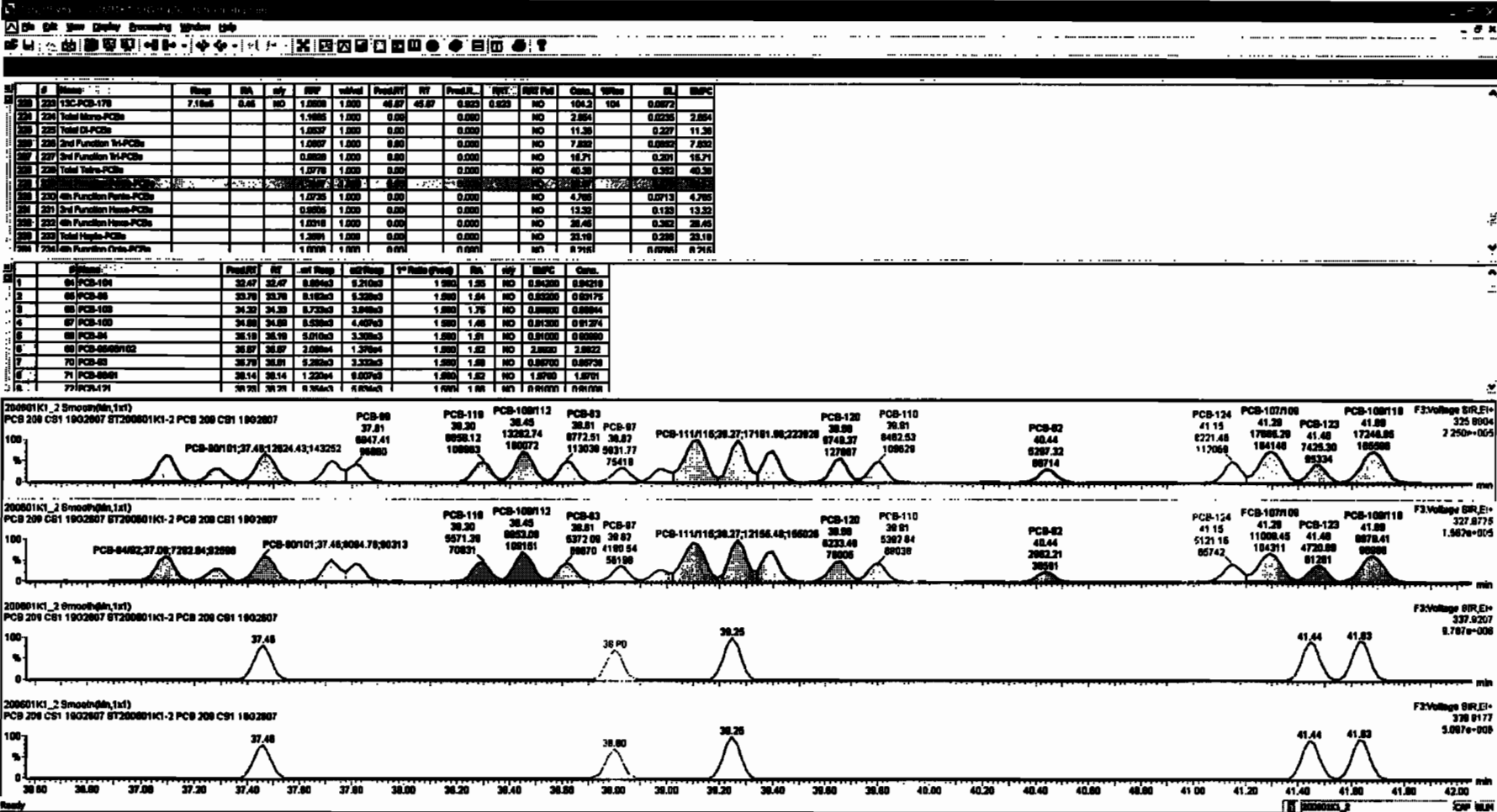
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**PCB-119**



**13C-PCB-111**



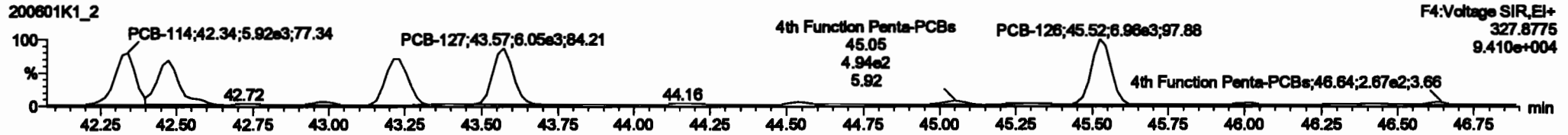
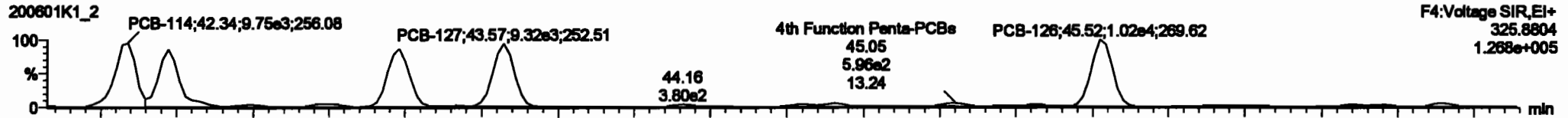


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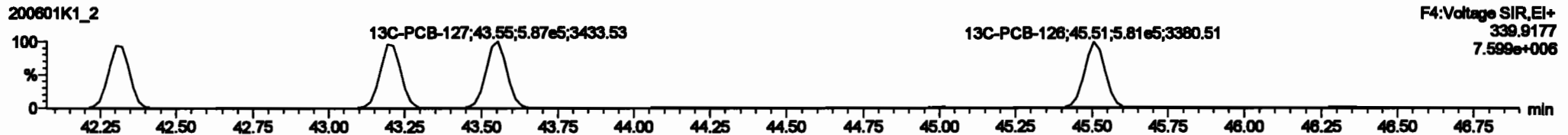
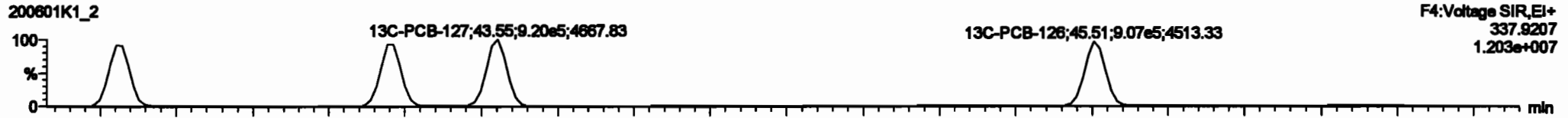
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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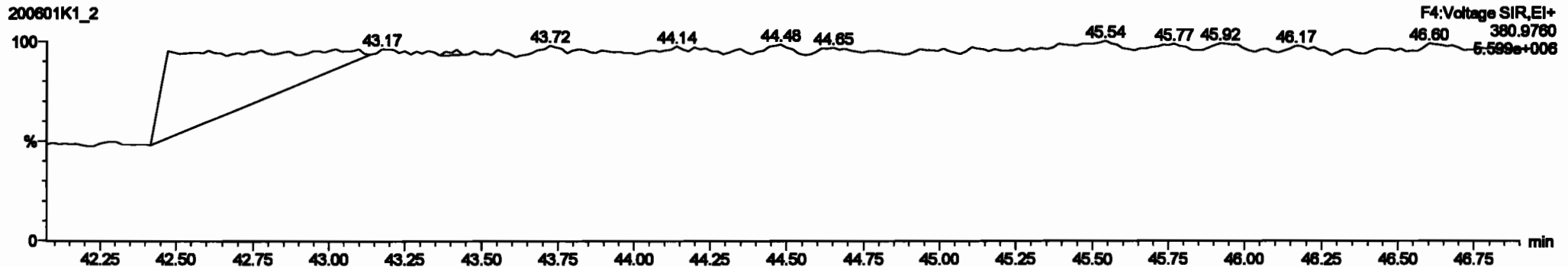
**PCB-114**



**13C-PCB-114**

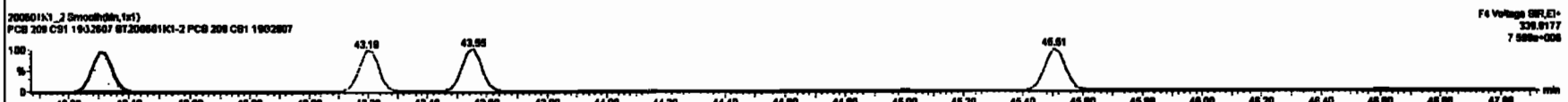
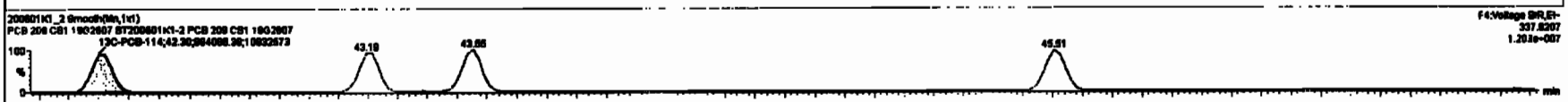
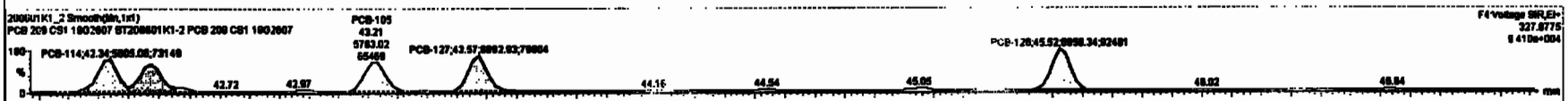
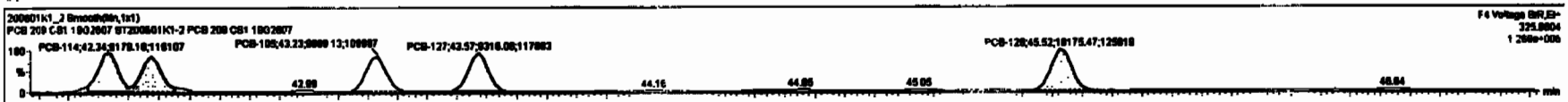


**PFK4a**



#	Name	Resp	SA	inj	FWF	valdet	ProdRT	RT	ProdSL	FWT	MS-Pol	Comp	MSep	SL	MSFC
220	12C-PCB-170	7.18e5	0.45	NO	1.0000	1.000	46.97	46.97	0.023	0.023	NO	104.2	104	0.0072	
224	Total Mono-PCBs				1.1886	1.000	0.00	0.000	0.000	0.000	NO	2.804		0.0206	2.804
226	Total Di-PCBs				1.0037	1.000	0.00	0.000	0.000	0.000	NO	11.38		0.327	11.38
228	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.000	0.000	0.000	NO	7.832		0.0002	7.832
229	2nd Function Tetra-PCBs				0.0020	1.000	0.00	0.000	0.000	0.000	NO	16.71		0.301	16.71
230	Total Tetra-PCBs				1.0770	1.000	0.00	0.000	0.000	0.000	NO	40.38		0.302	40.38
231	2nd Function Penta-PCBs				1.2167	1.000	0.00	0.000	0.000	0.000	NO	38.67		0.670	38.67
232	2nd Function Hexa-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	13.32		0.123	13.32
233	2nd Function Hepta-PCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	28.48		0.307	28.48
234	Total Hepta-PCBs				1.0016	1.000	0.00	0.000	0.000	0.000	NO	28.10		0.300	28.10
235	Total Octa-PCBs				1.0001	1.000	0.00	0.000	0.000	0.000	NO	23.10		0.300	23.10
236	Total PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	8.918		0.0000	8.918

#	Name	Amount	RT	MS-Label	MS-Range	MS-Label	MS-Range	MS-Label	MS-Range	MS-Label	MS-Range
1	53 PCB-114	42.35	42.34	0.178e3	0.000e0	1.000	1.00	NO	0.00100	0.00002	
2	54 PCB-122	42.47	42.47	0.200e3	0.111e0	1.000	1.00	NO	0.00700	0.00001	
3	68 PCB-108	43.31	43.23	0.000e3	0.700e0	1.000	1.00	NO	0.00700	0.00011	
4	69 PCB-127	43.97	43.97	0.310e3	0.000e0	1.000	1.00	NO	0.00000	0.00002	
5	67 PCB-128	46.82	46.82	1.010e4	0.000e0	1.000	1.00	NO	0.00200	0.00210	



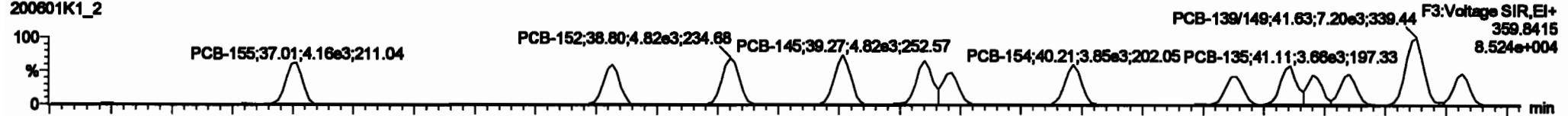
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

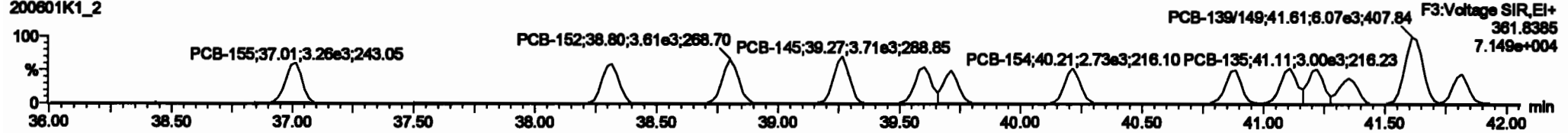
Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

**PCB-155**

200601K1\_2

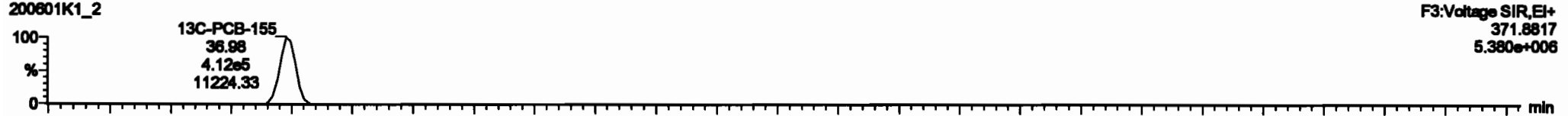


200601K1\_2

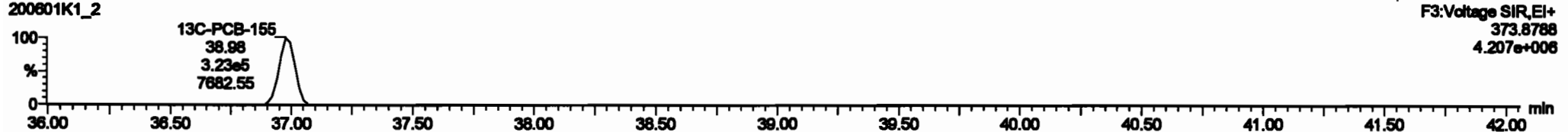


**13C-PCB-155**

200601K1\_2

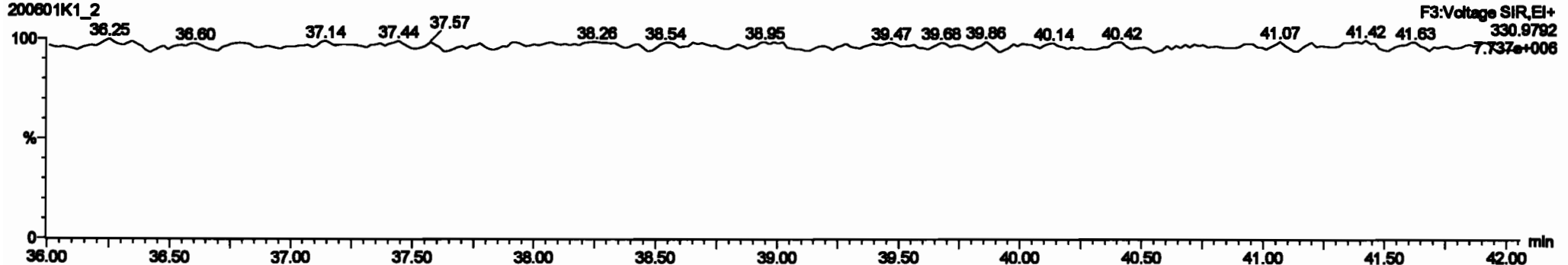


200601K1\_2



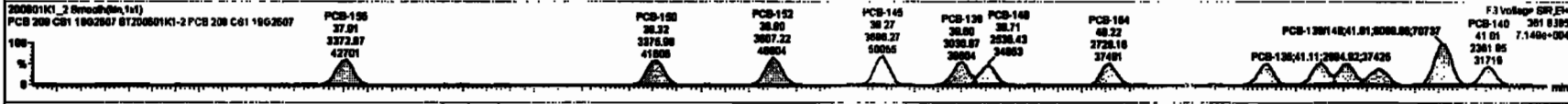
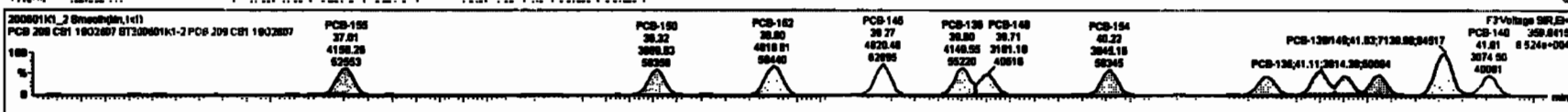
**PFK3c**

200601K1\_2



#	Name	Range	Min	Max	PPM	Volts	Preval	Postval	Preval	Postval	Volts	Preval	Postval	Volts	Preval	Postval	
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		
230	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	ND	48.30		0.362	48.30		
232	2nd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	ND	38.57		0.076	38.57		
233	2nd Function Hexa-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	ND	4.788		0.0712	4.788		
234	2nd Function Hepta-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	ND	0.000		0.000	0.000		
235	Total Hepta-PCBs				1.0718	1.000	0.00	0.00	0.000	0.000	ND	28.48		0.202	28.48		
236	Total Octa-PCBs				1.0001	1.000	0.00	0.00	0.000	0.000	ND	23.18		0.228	23.18		
237	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	Preval	Post	Volts	Preval	Post	Volts	Preval	Post	Volts	Preval	Post	Volts
88	PCB-188	38.88	37.81	4.188e3	3.27e3	1.240	1.29	ND	0.89180	0.89137						
89	PCB-189	38.33	38.33	3.888e3	3.37e3	1.240	1.18	ND	0.91280	0.91238						
90	PCB-192	38.88	38.88	4.817e3	3.807e3	1.240	1.24	ND	0.88880	0.88881						
101	PCB-145	38.27	38.27	4.828e3	3.88e3	1.240	1.21	ND	0.87480	0.87388						
102	PCB-138	38.88	38.88	4.188e3	3.807e3	1.240	1.27	ND	0.89780	0.89678						
103	PCB-148	38.71	38.71	3.188e3	2.59e3	1.240	1.28	ND	0.89980	0.89888						
104	PCB-158	48.21	48.21	3.88e3	2.78e3	1.240	1.41	ND	0.87280	0.87218						
105	PCB-161	48.88	48.88	3.88e3	2.88e3	1.240	1.16	ND	1.0070	1.0070						
106	PCB-138	41.51	41.51	3.814e3	2.88e3	1.240	1.27	ND	1.0040	1.0044						

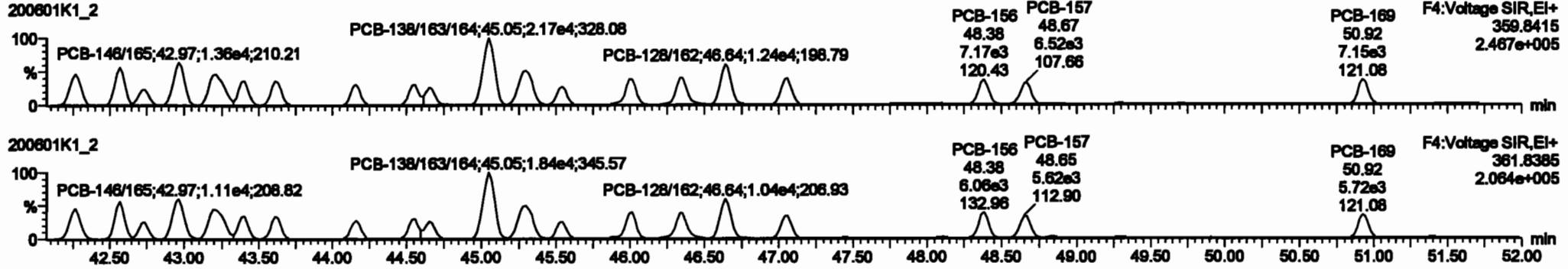


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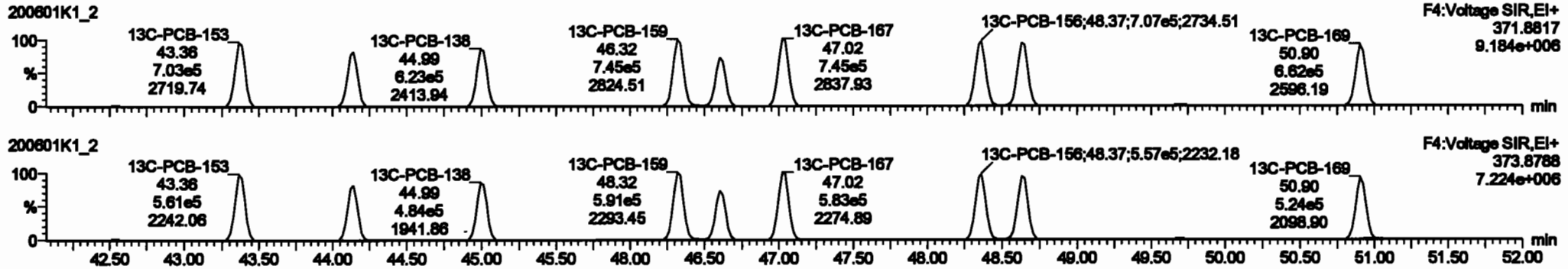
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

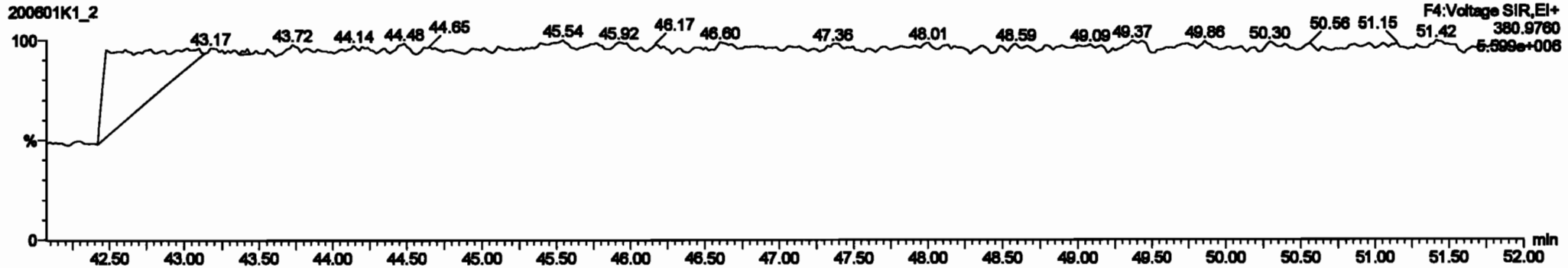
PCB-134/143



13C-PCB-153

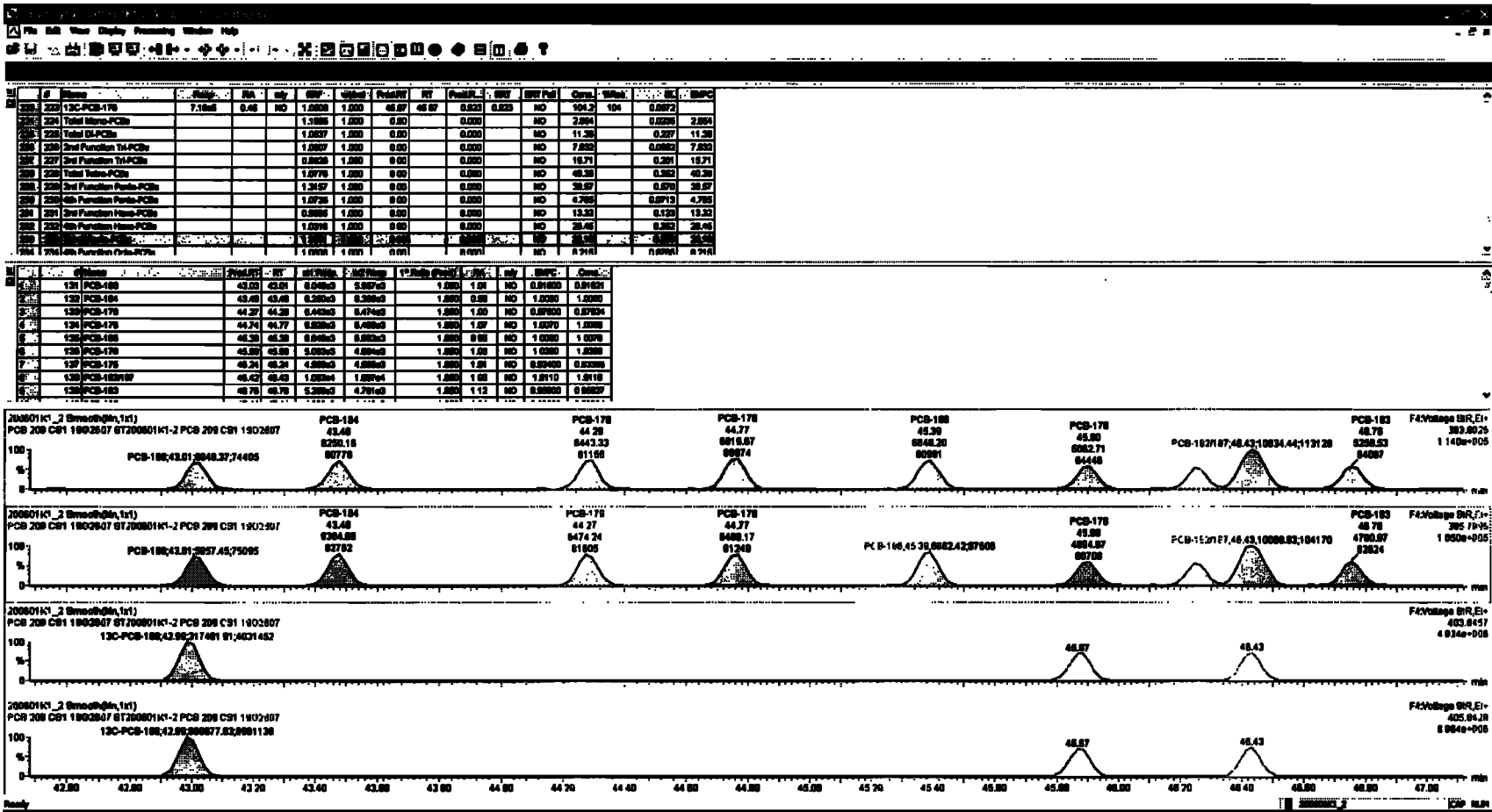


PFK4b









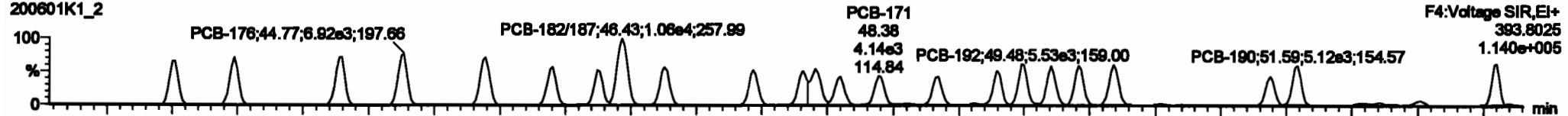
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

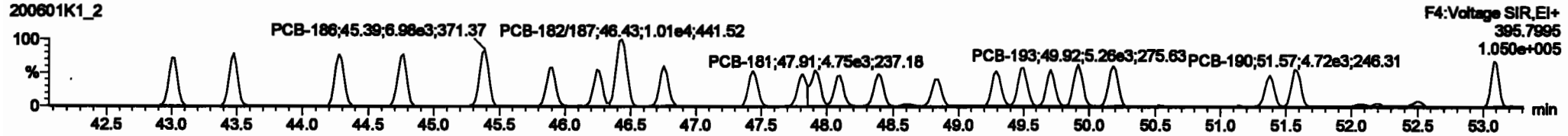
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**PCB-188**

200601K1\_2

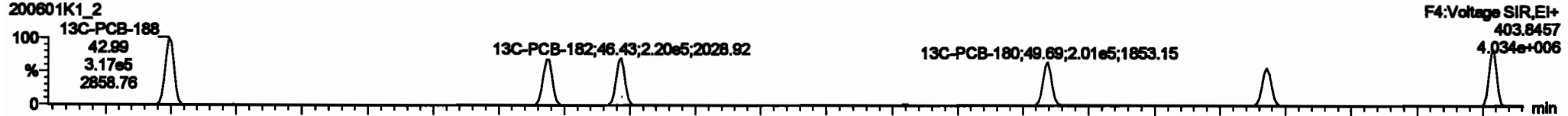


200601K1\_2

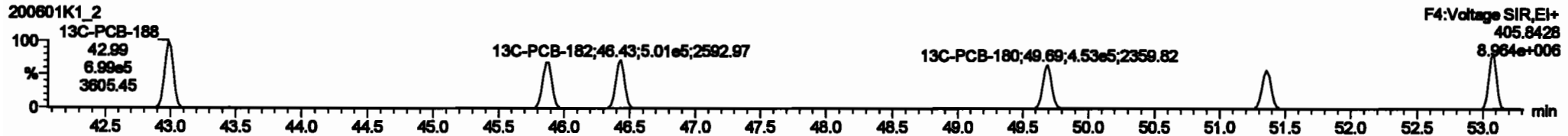


**13C-PCB-188**

200601K1\_2

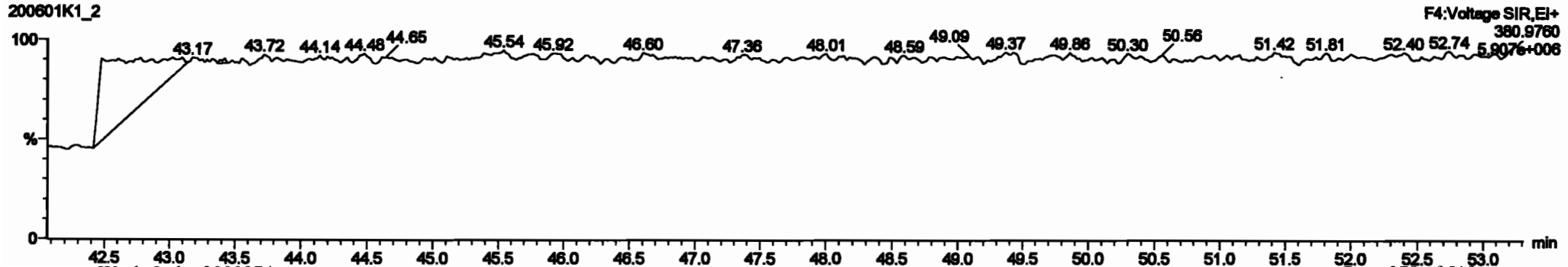


200601K1\_2



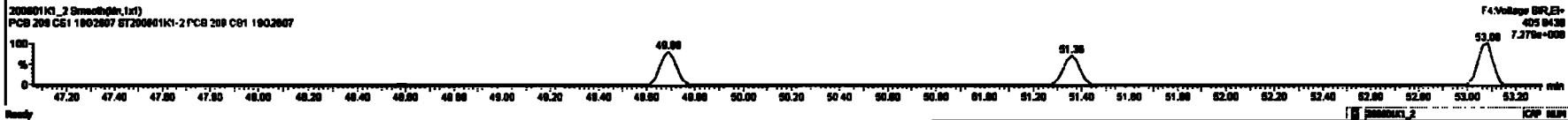
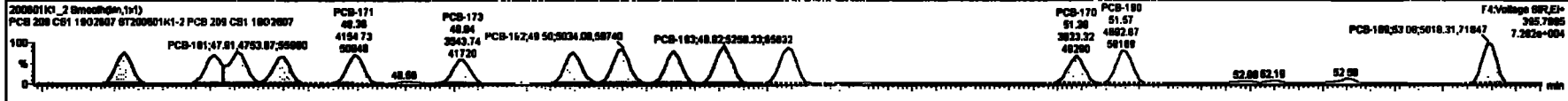
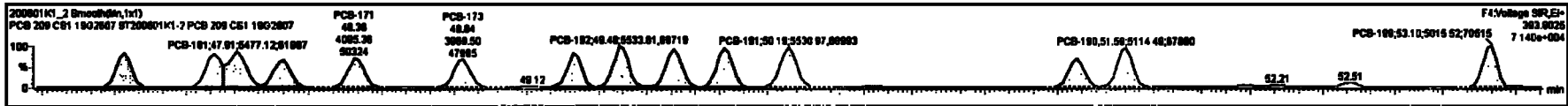
**PFK4c**

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	0.0073
221	204	Total Mono-PCBs			1.1885	1.000	0.00	0.000	ND	2.884	0.0000	2.884		
222	205	Total Di-PCBs			1.0537	1.000	0.00	0.000	ND	11.38	0.0000	11.38		
223	206	2nd Function Tri-PCBs			1.0667	1.000	0.00	0.000	ND	7.632	0.0000	7.632		
224	207	3rd Function Tri-PCBs			0.8528	1.000	0.00	0.000	ND	16.71	0.0000	16.71		
225	208	Total Tetra-PCBs			1.0778	1.000	0.00	0.000	ND	40.38	0.0000	40.38		
226	209	2nd Function Penta-PCBs			1.2167	1.000	0.00	0.000	ND	39.97	0.0000	39.97		
227	210	4th Function Penta-PCBs			1.0735	1.000	0.00	0.000	ND	4.785	0.0000	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	2nd Function Octa-PCBs			1.0000	1.000	0.00	0.000	ND	8.216	0.0000	8.216		

Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
131	PCB-148	43.03	43.01	0.00e0	0.00e0	1.000	1.01	ND	0.01000	0.01021				
132	PCB-154	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	0.97000	0.97034				
134	PCB-176	44.74	44.77	0.82e0	0.48e0	1.000	1.07	ND	1.0070	1.0086				
135	PCB-168	46.28	46.28	0.84e0	0.82e0	1.000	0.98	ND	1.0000	1.0079				
136	PCB-179	46.88	46.88	0.00e0	4.88e0	1.000	1.00	ND	1.0000	1.0088				
137	PCB-176	48.24	48.24	4.88e0	4.88e0	1.000	1.01	ND	0.80400	0.80388				
138	PCB-182/187	48.42	48.42	1.00e0	1.00e0	1.000	1.08	ND	1.0110	1.0110				
139	PCB-183	48.78	48.78	0.20e0	4.70e0	1.000	1.12	ND	0.88800	0.88807				



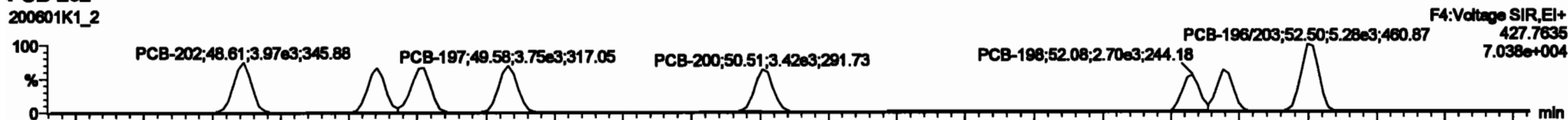
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

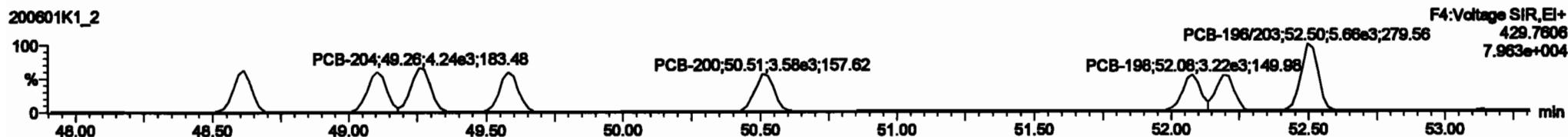
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**PCB-202**

200601K1\_2

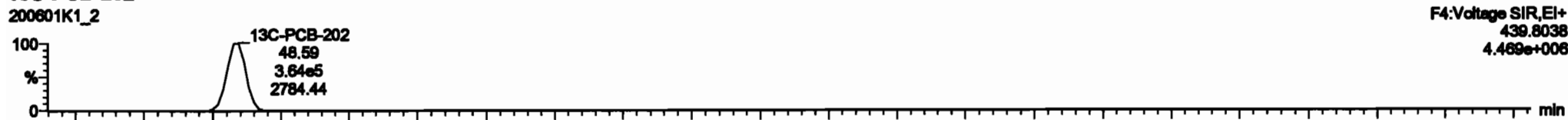


200601K1\_2

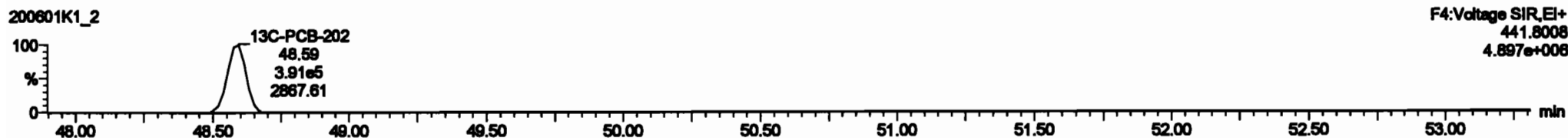


**13C-PCB-202**

200601K1\_2

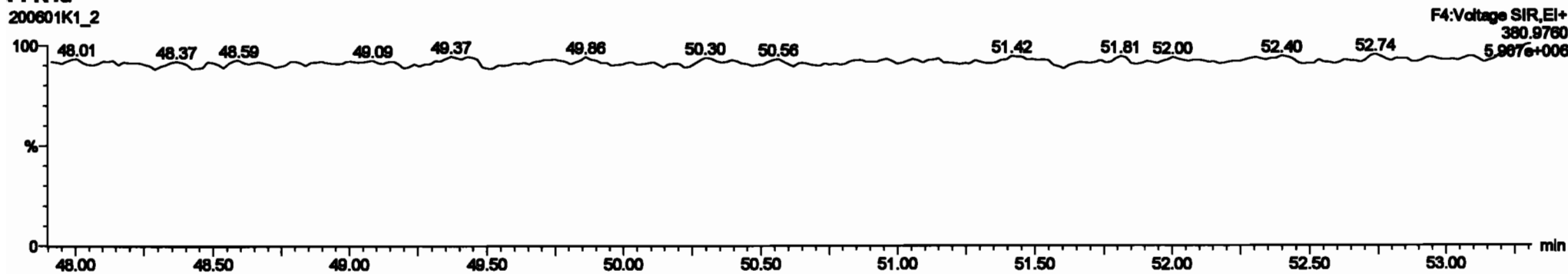


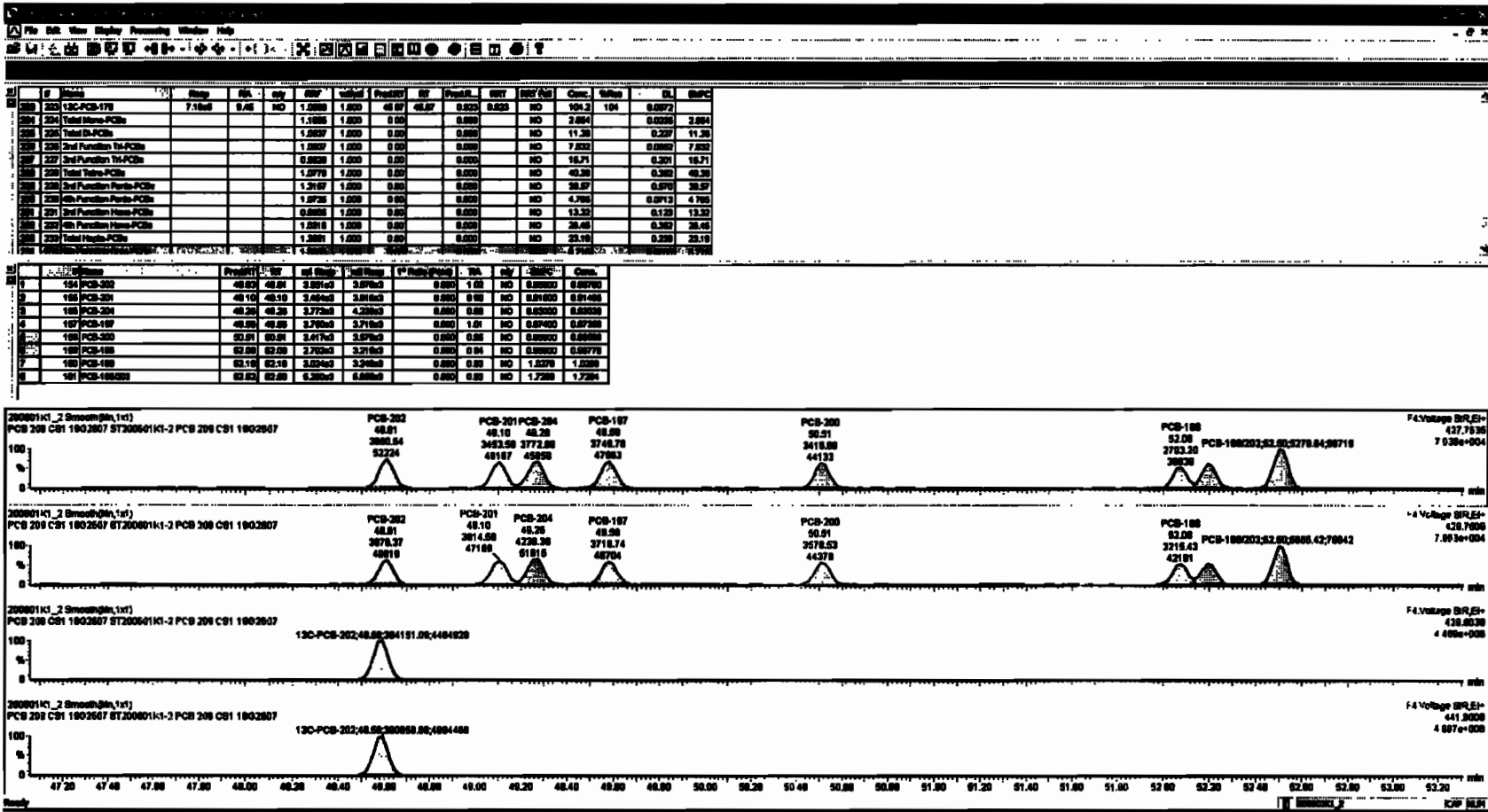
200601K1\_2



**PFK4d**

200601K1\_2





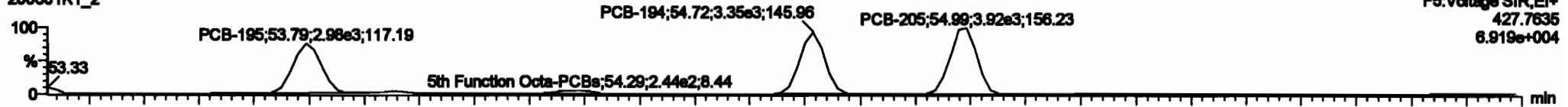
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

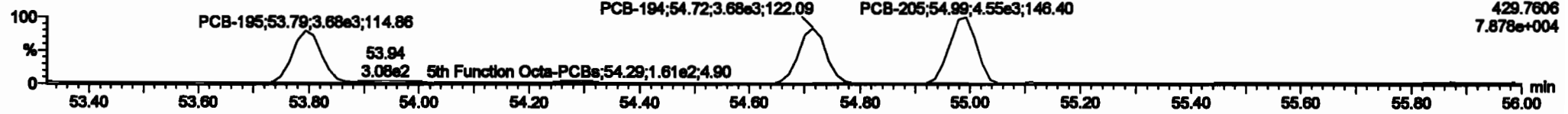
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PCB-195

200601K1\_2

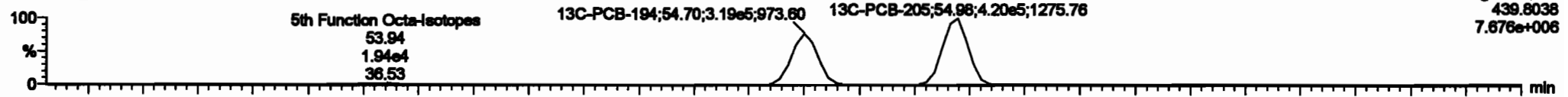


200601K1\_2

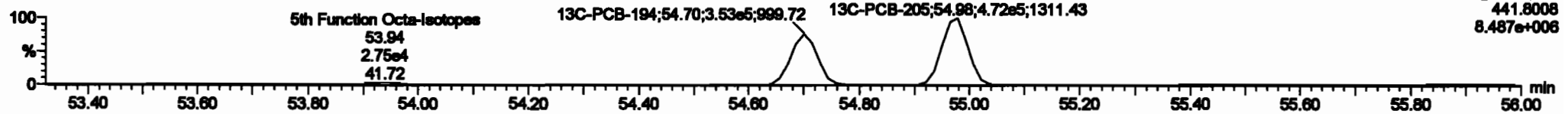


13C-PCB-194

200601K1\_2

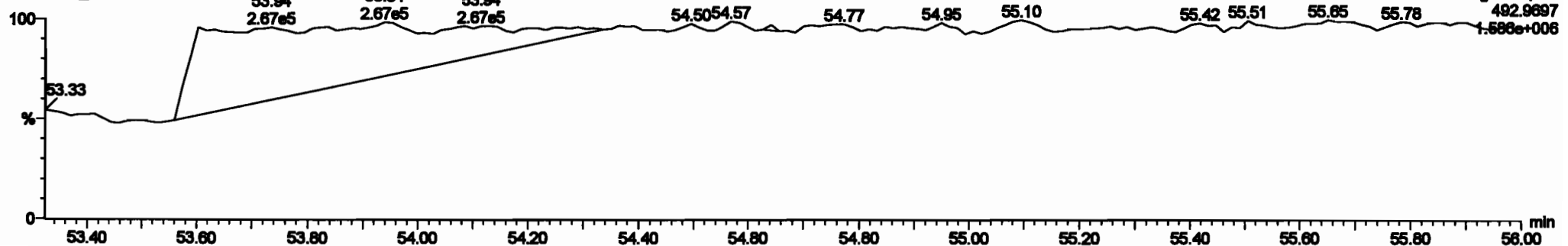


200601K1\_2



PFK5a

200601K1\_2



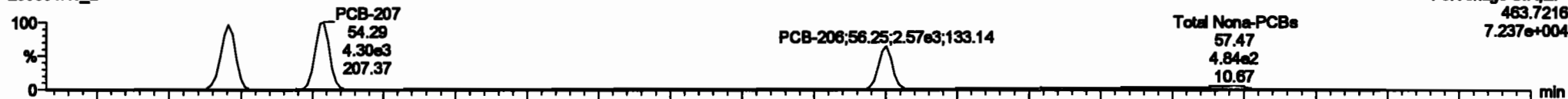
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
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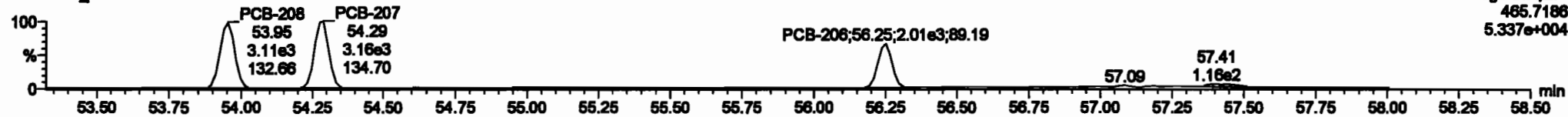
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**PCB-208**

200601K1\_2

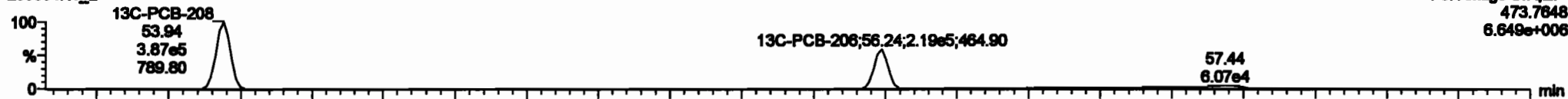


200601K1\_2

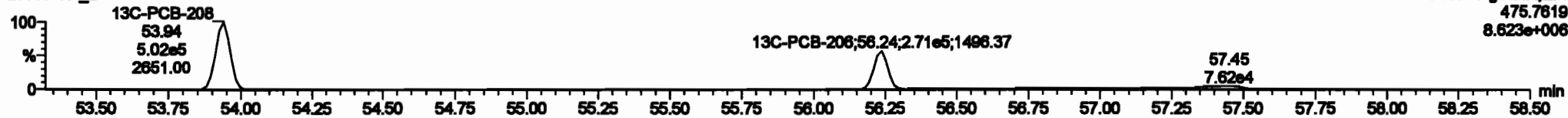


**13C-PCB-208**

200601K1\_2

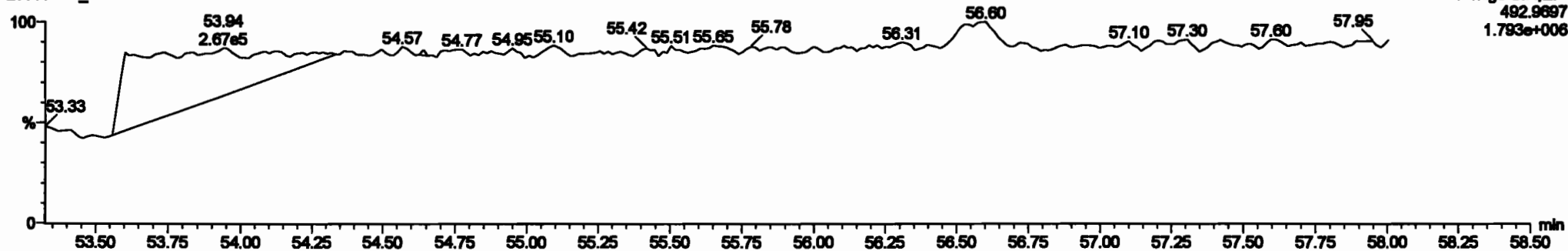


200601K1\_2



**PFK5**

200601K1\_2



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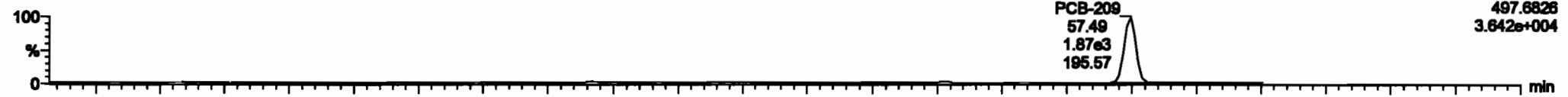
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

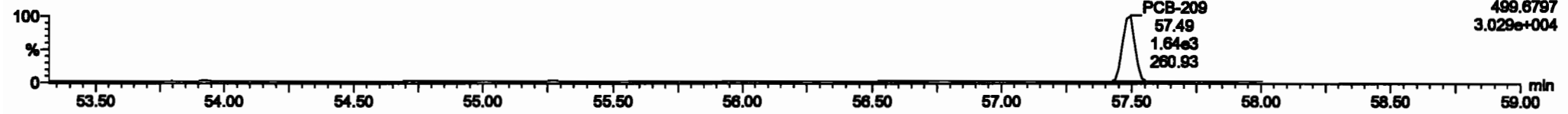
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**PCB-209**

200601K1\_2

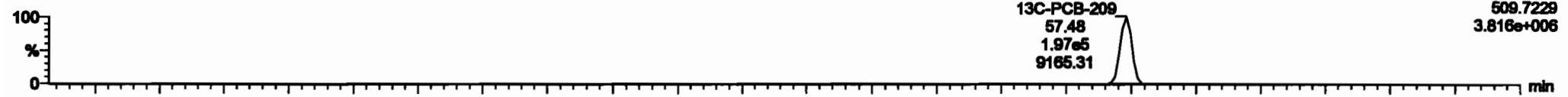


200601K1\_2

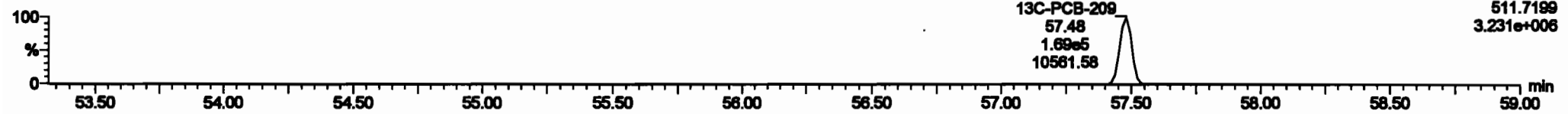


**13C-PCB-209**

200601K1\_2

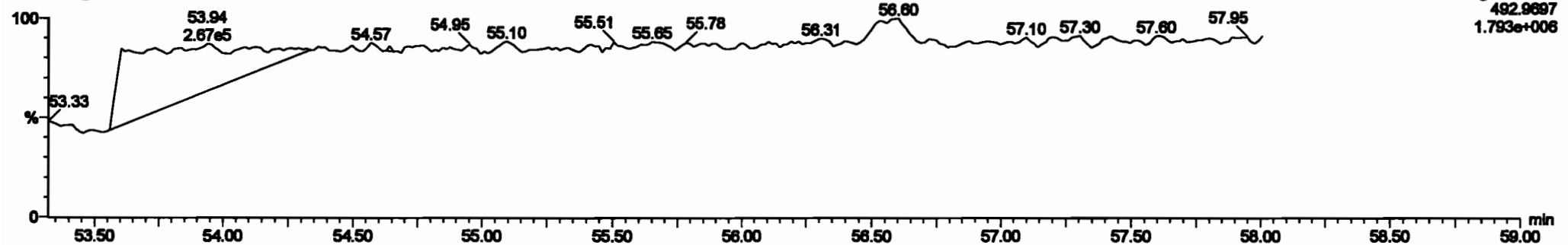


200601K1\_2



**PFK5b**

200601K1\_2





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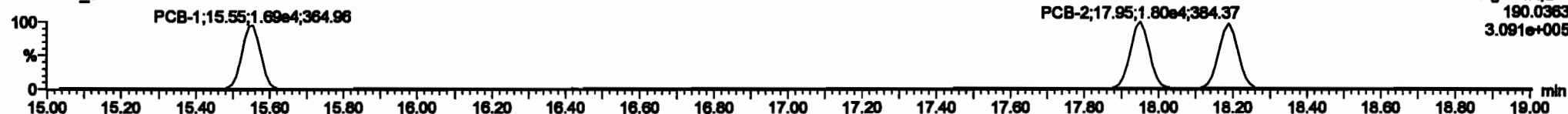
PCB-1

200601K1\_3



F1:Voltage SIR,EI+  
188.0393  
9.727e+005

200601K1\_3



F1:Voltage SIR,EI+  
190.0363  
3.091e+005

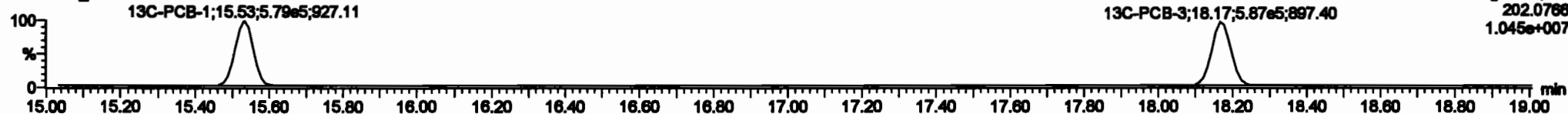
13C-PCB-1

200601K1\_3



F1:Voltage SIR,EI+  
200.0795  
3.385e+007

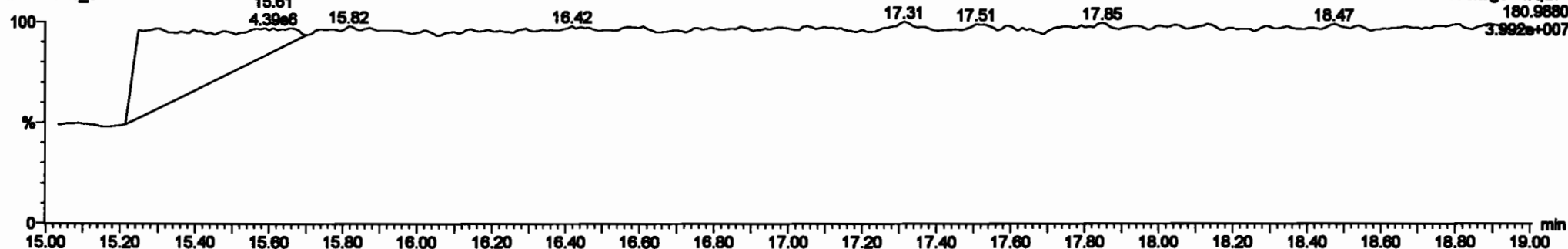
200601K1\_3



F1:Voltage SIR,EI+  
202.0768  
1.045e+007

PFK1

200601K1\_3



F1:Voltage SIR,EI+  
180.9880  
3.992e+007

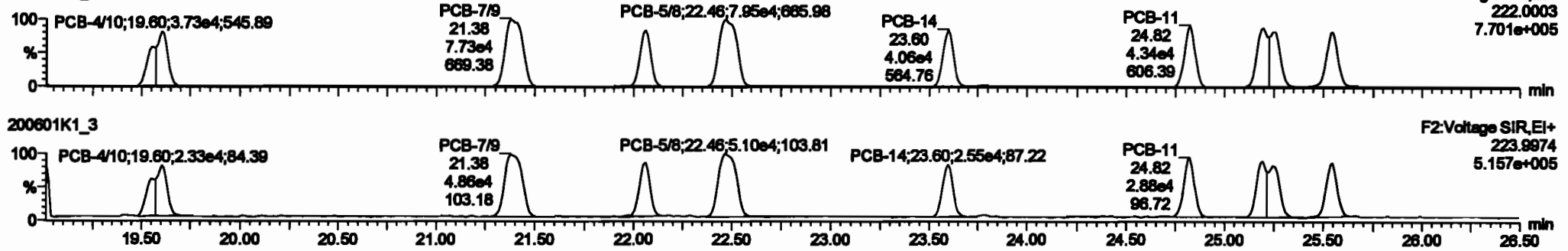
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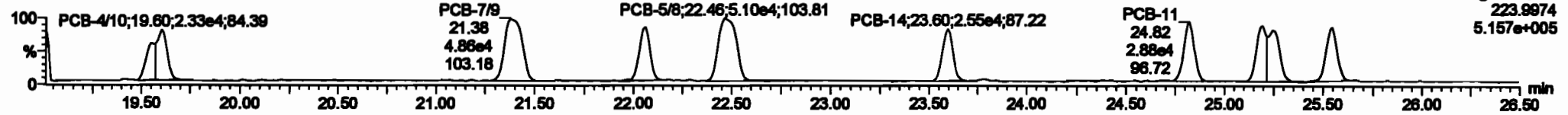
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**PCB-4/10**

200601K1\_3

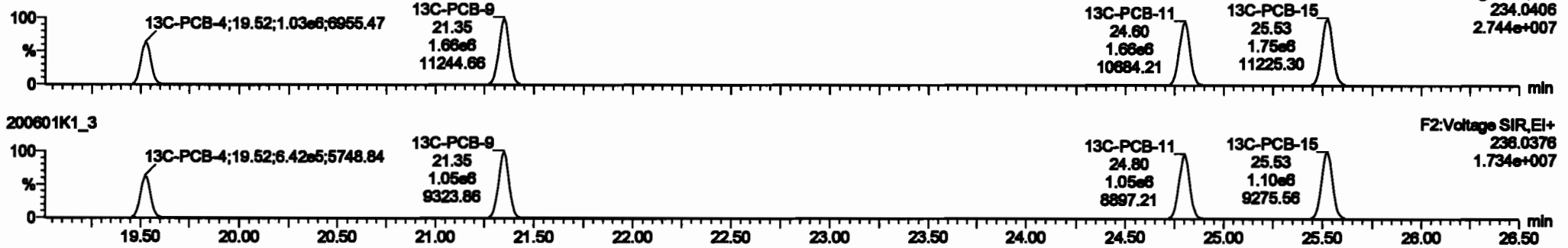


200601K1\_3

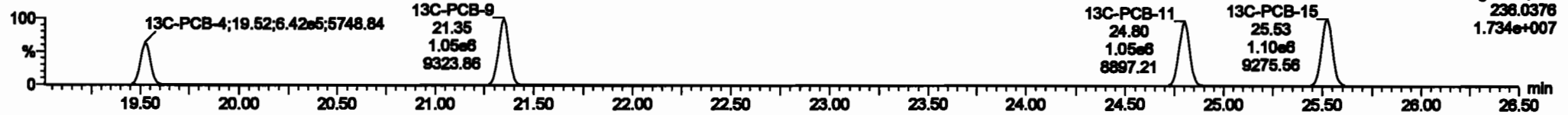


**13C-PCB-4**

200601K1\_3

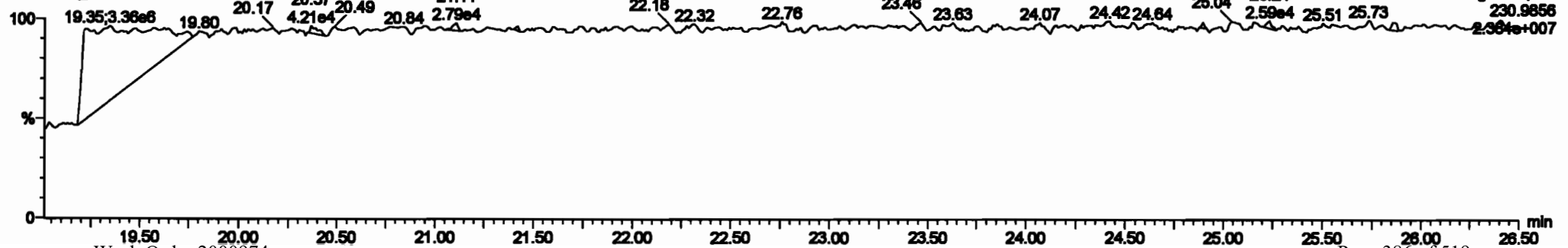


200601K1\_3



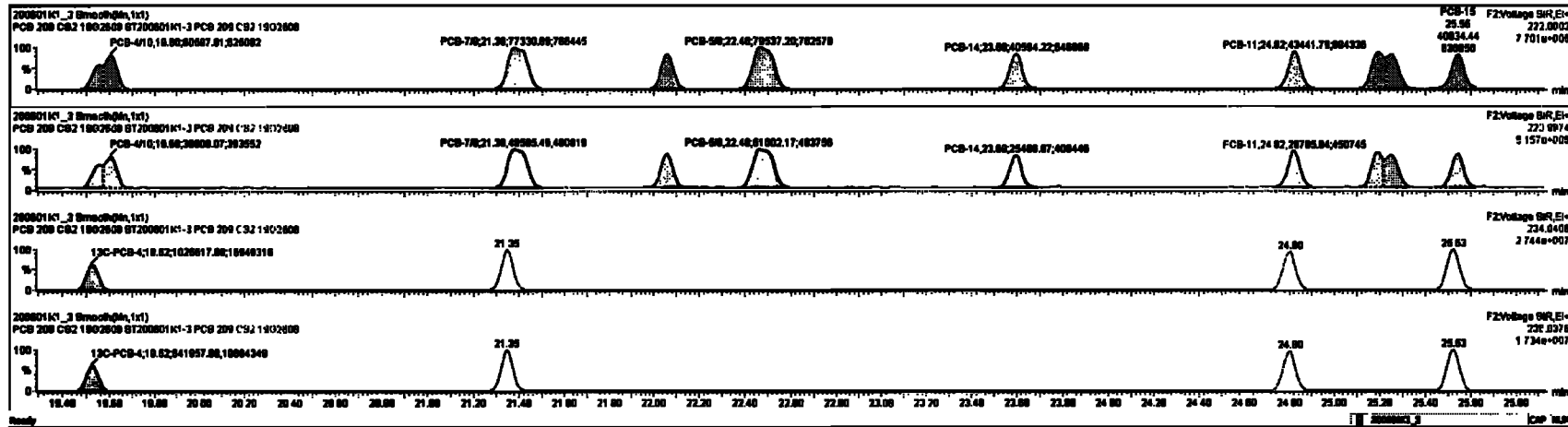
**PFK2a**

200601K1\_3



#	Peak	Retp	RA	dy	RFI	Initial	Final	RT	Peak	RT	Peak	RT	Peak	RT	Area	Wt%	EL	BPFC
210	13C-PCB-00	1.21min	0.70	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0	100	0.0001				
211	13C-PCB-111	1.17min	1.02	NO	1.0000	1.000	30.25	30.25	1.000	0.000	NO	100.0	100	0.0072				
217	13C-PCB-128	0.70min	1.26	NO	1.0000	1.000	48.00	48.00	1.000	0.000	NO	100.0	100	0.120				
219	13C-PCB-105	7.20min	0.46	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0000				
210	13C-PCB-208	0.80min	0.80	NO	1.0000	1.000	64.00	64.00	1.000	0.000	NO	100.0	100	0.140				
220	13C-PCB-70	1.20min	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	100.0	100	0.0001				
221	13C-PCB-170	7.20min	0.44	NO	0.7000	1.000	48.00	48.00	0.000	0.000	NO	87.23	87.2	0.0002				
222	13C-PCB-70	1.20min	0.70	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	96.07	96.0	0.0070				
223	13C-PCB-170	7.20min	0.44	NO	1.0000	1.000	48.07	48.07	0.023	0.023	NO	85.10	85.2	0.0003				
224	Total Non-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.210	0.0210	7.210				

Peak	Retp	RA	dy	RFI	Initial	Final	RT	Peak	RT	Peak	RT	Area	Wt%	EL	BPFC
4	PCB-490	19.00	19.00	0.0000e+00	0.0000e+00	1.000	1.00	NO	4.7700	4.7700					
5	PCB-70	21.41	21.39	2.7200e-04	0.0000e+00	1.000	1.00	NO	4.9400	4.9400					
6	PCB-58	22.48	22.48	4.0100e-04	2.0000e-04	1.000	1.00	NO	2.3070	2.3070					
7	PCB-68	22.48	22.48	7.0000e-04	0.1000e-03	1.000	1.00	NO	4.8000	4.8000					
8	PCB-14	23.01	23.00	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3070	2.3000					
9	PCB-11	24.02	24.00	4.0000e-04	2.0000e-04	1.000	1.00	NO	2.3000	2.3000					
10	PCB-1203	26.28	26.28	0.2100e+01	0.1100e+01	1.000	1.00	NO	4.7000	4.7000					
11	PCB-16	26.97	26.96	4.0000e-04	2.7000e-04	1.000	1.00	NO	2.4240	2.4200					

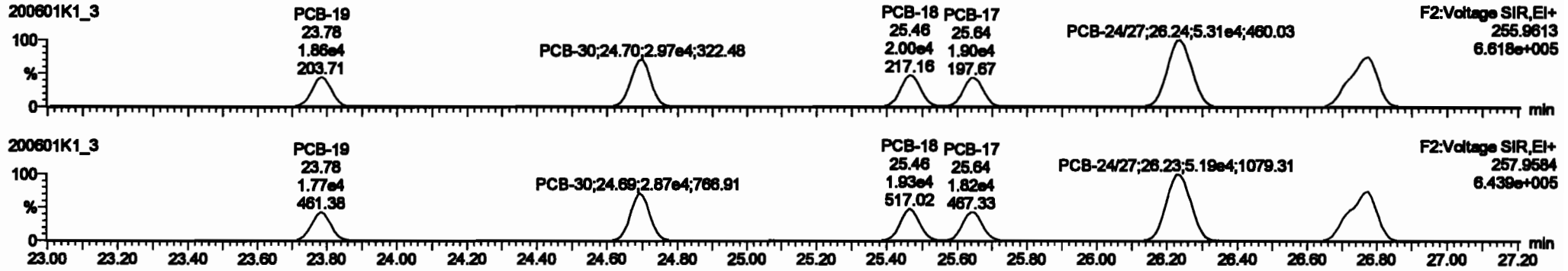


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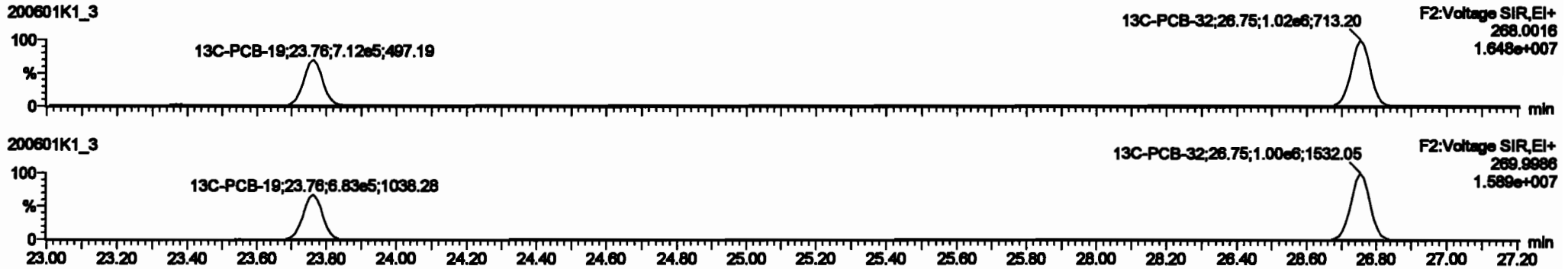
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

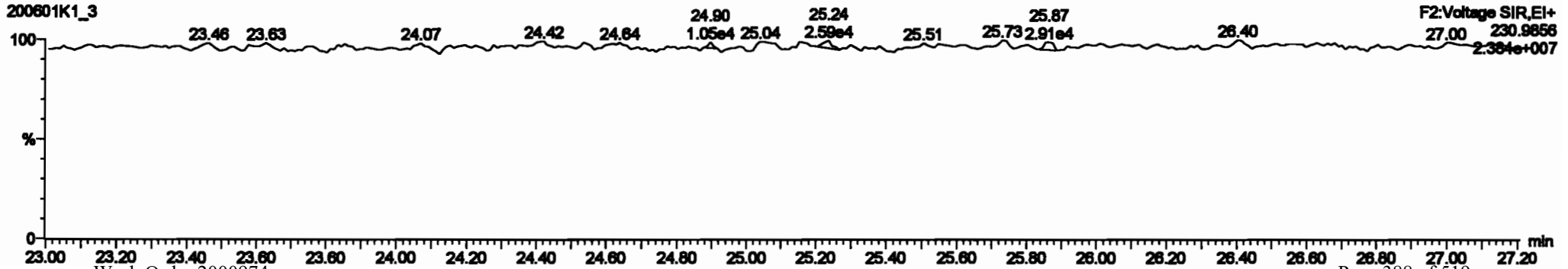
PCB-19



13C-PCB-19

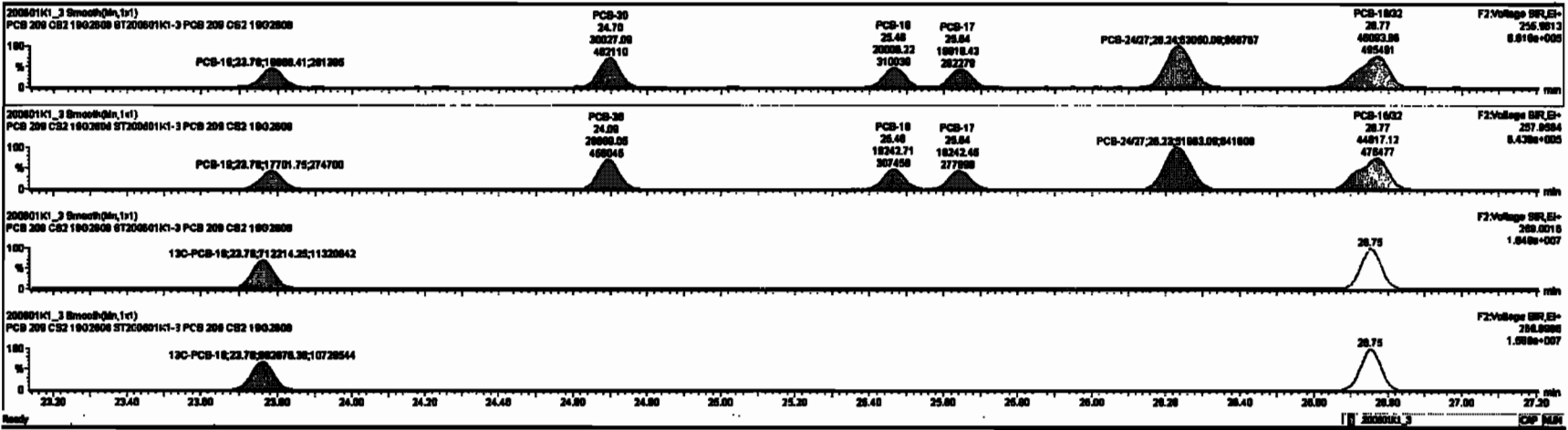


PFK2b



Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height	
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	8.79e5	1.25	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.120
218	13C-PCB-182	7.28e5	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0033
218	13C-PCB-205	8.85e5	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-76	1.83e6	0.78	NO	1.0000	1.000	37.76	37.76	1.000	1.000	NO	88.47	88.5	0.0091
221	13C-PCB-478	7.23e5	0.44	NO	0.7885	1.000	46.80	46.80	0.000	0.000	NO	87.23	87.2	0.0062
220	13C-PCB-76	1.83e6	0.78	NO	1.0021	1.000	37.76	37.76	0.000	0.000	NO	88.87	88.0	0.0094
220	13C-PCB-478	7.23e5	0.44	NO	1.0038	1.000	46.87	46.87	0.000	0.000	NO	88.16	88.2	0.0062
220	Total Mono-PCBs				1.1088	1.000	0.00	0.00	0.000	0.000	NO	7.216		0.0216
220	Total Di-PCBs				1.8887	1.000	0.00	0.00	0.000	0.000	NO	28.88		0.216

Peak	Retention Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
12	PCB-16	23.78	23.78	1.889e4	1.770e4	1.040	1.04	NO	2.2870	2.2888			
13	PCB-30	24.80	24.78	3.003e4	2.889e4	1.040	1.04	NO	2.2488	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	1.04	NO	4.7880	4.7878			
17	PCB-18/22	28.77	28.77	4.808e4	4.802e4	1.040	1.04	NO	4.8810	4.8810			

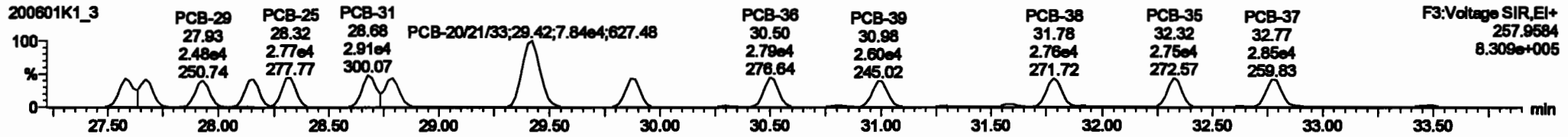
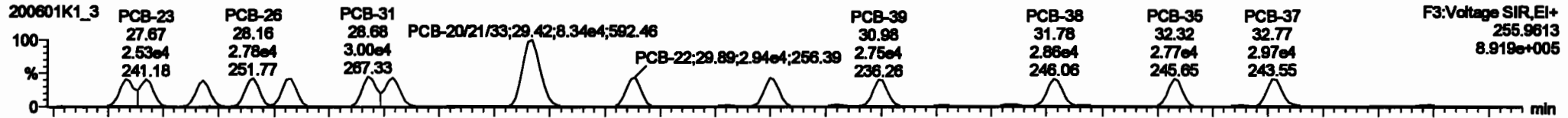


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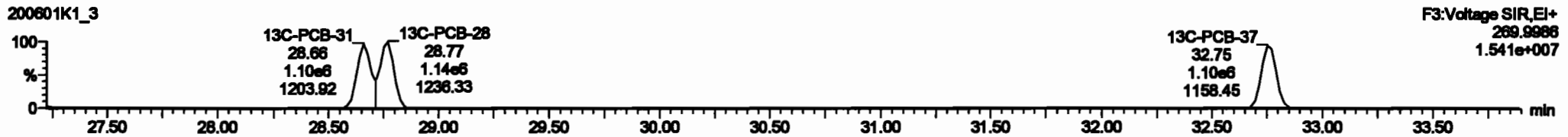
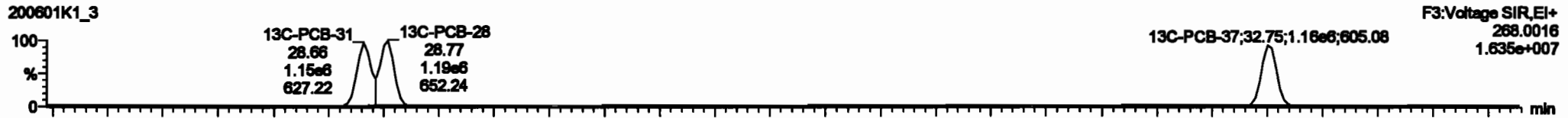
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

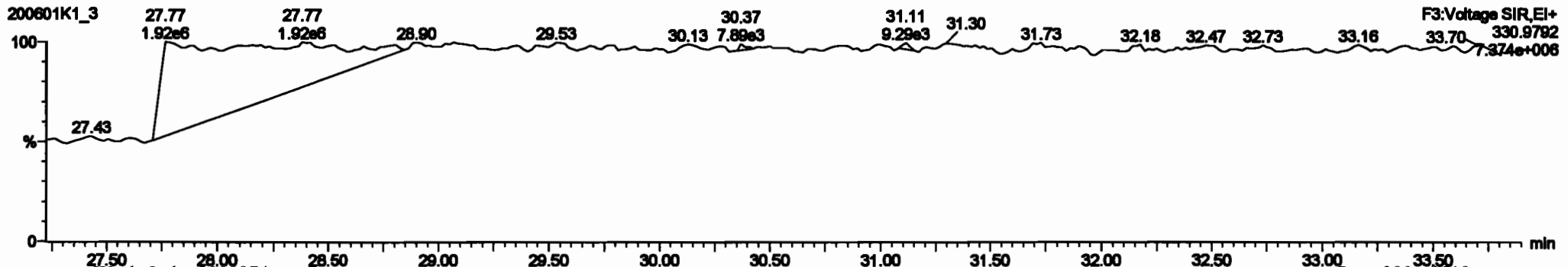
**PCB-34**

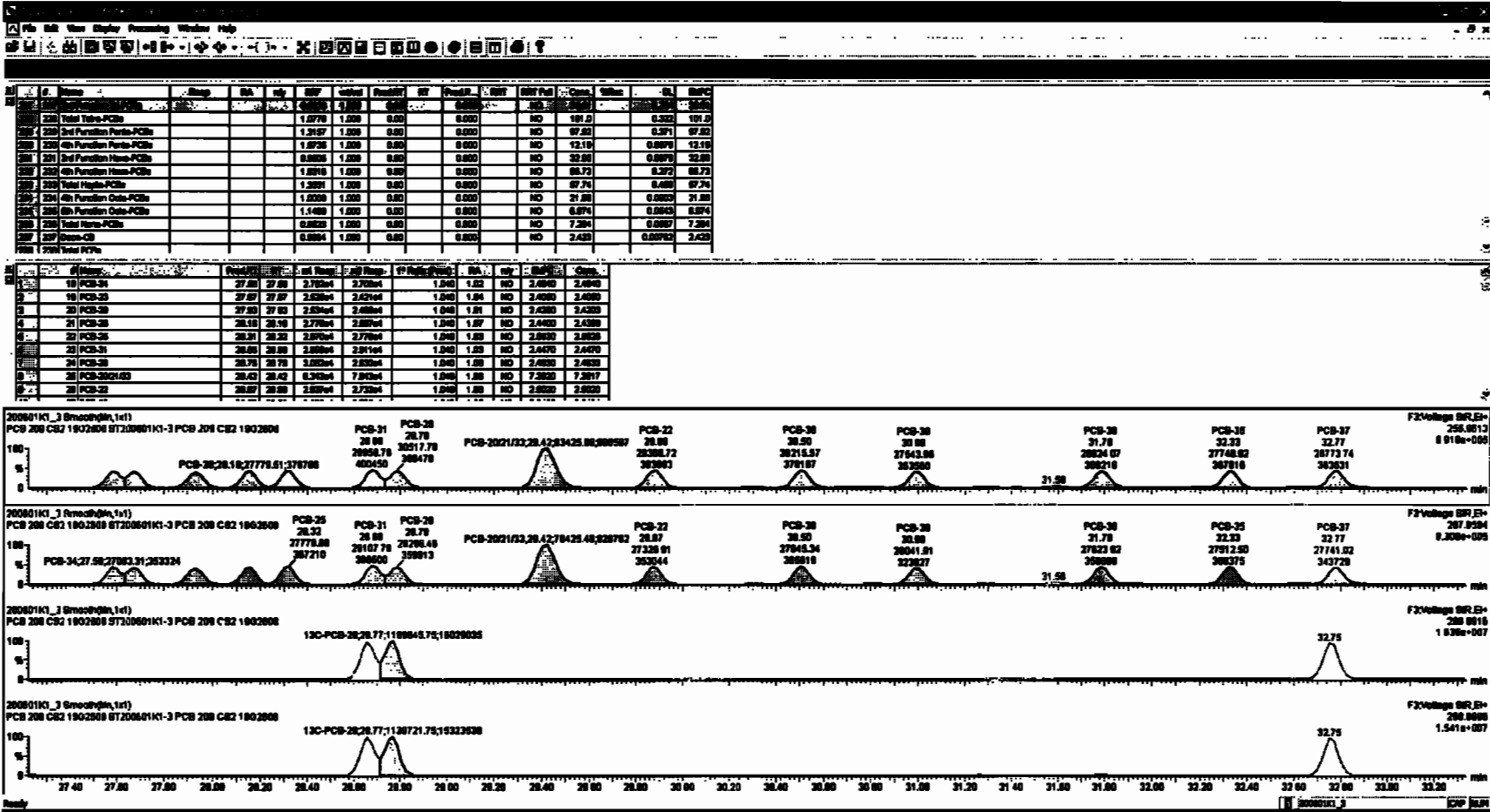


**13C-PCB-28**



**PFK3d**





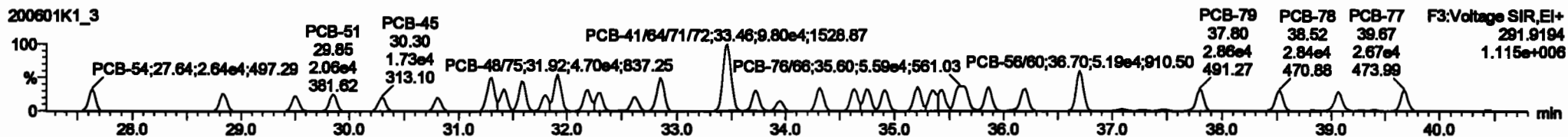
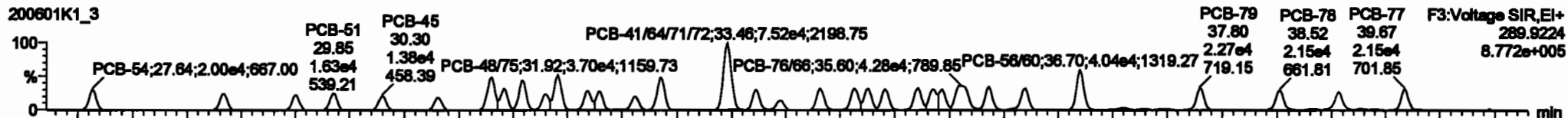
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

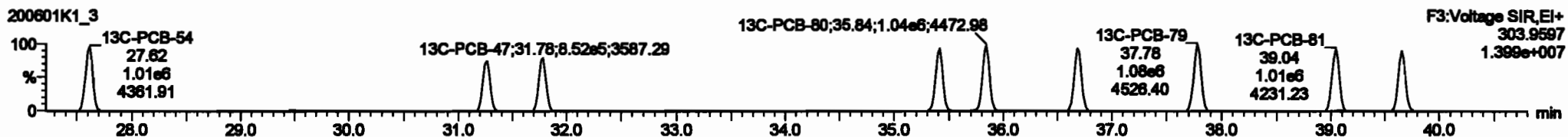
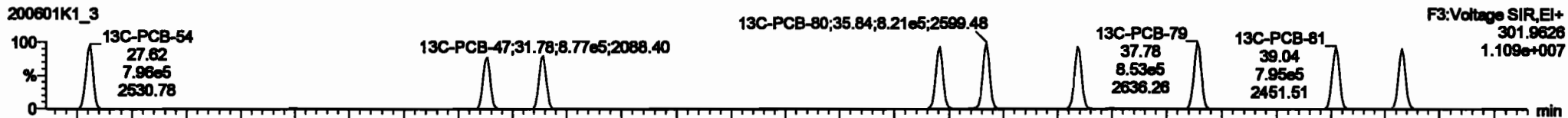
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Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

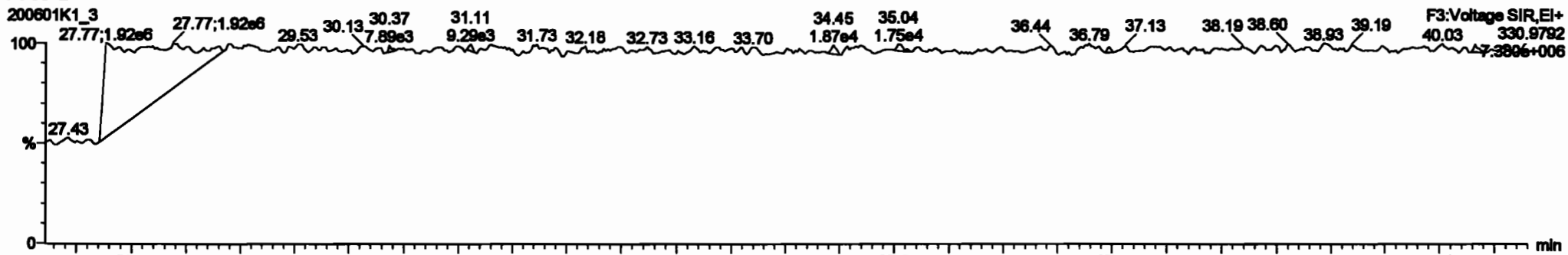
**PCB-54**



**13C-PCB-54**



**PFK3a**





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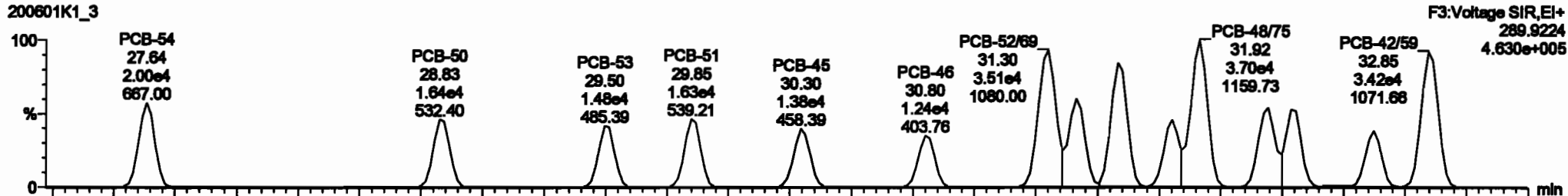
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

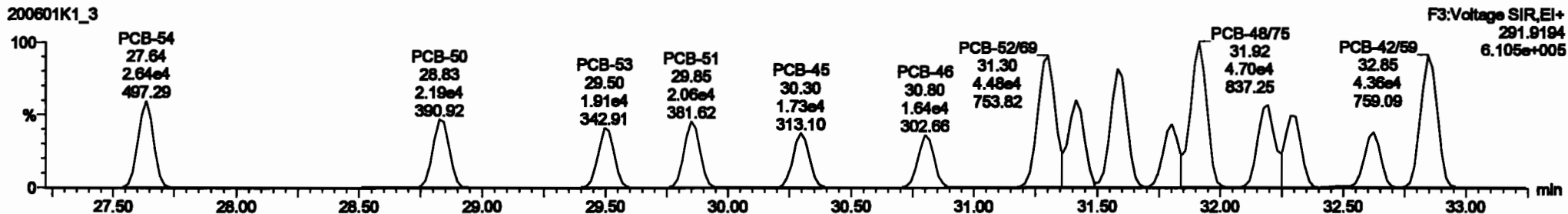
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PCB-50

200601K1\_3



200601K1\_3

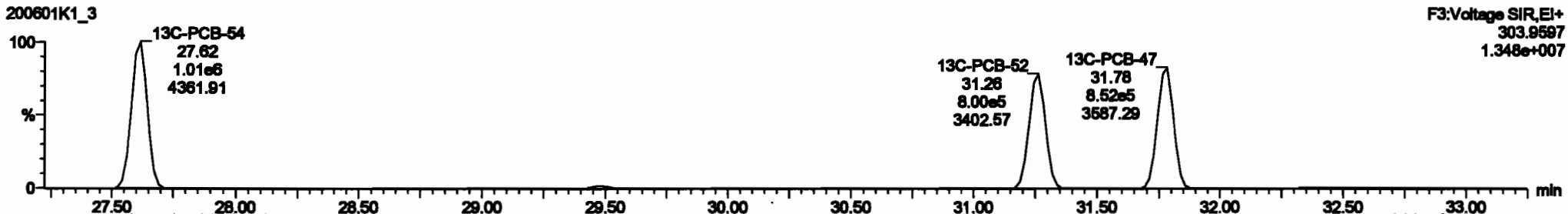


13C-PCB-52

200601K1\_3



200601K1\_3



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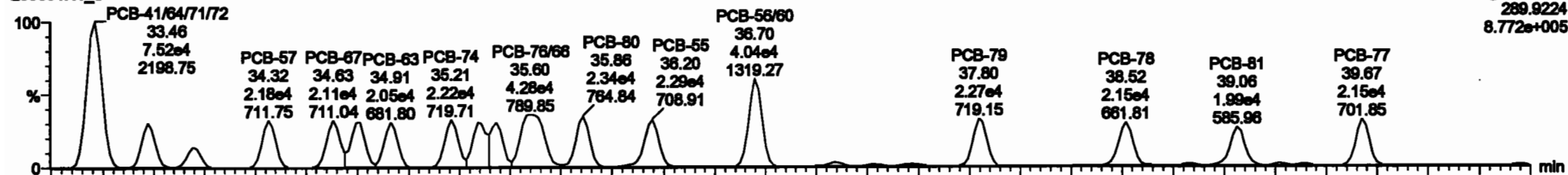
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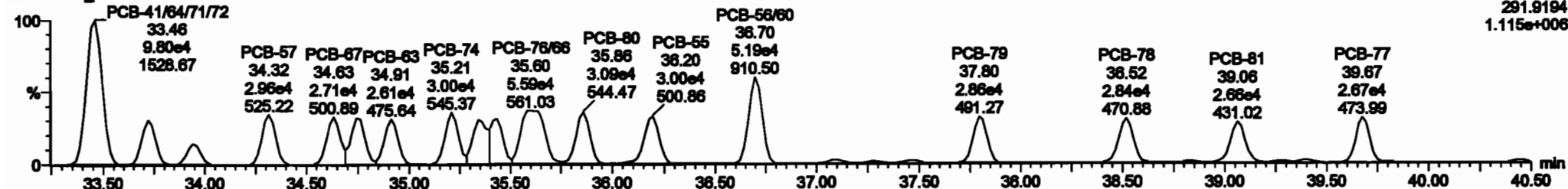
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PCB-68

200601K1\_3

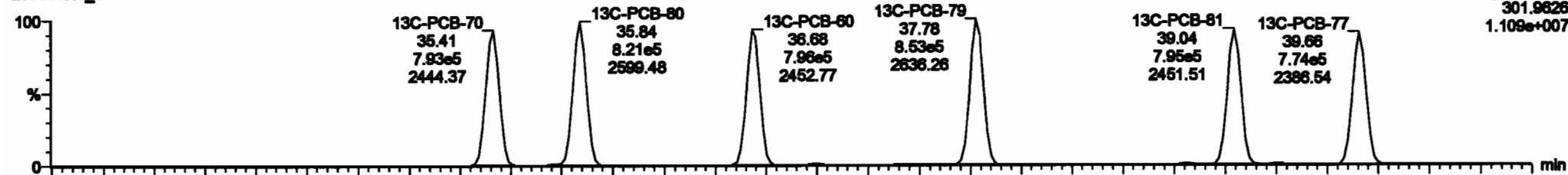


200601K1\_3

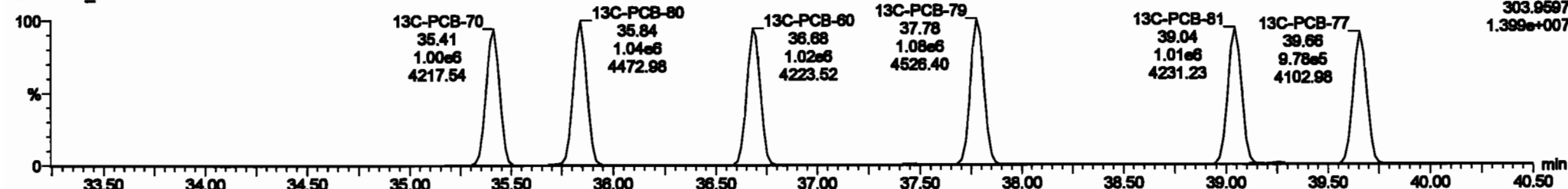


13C-PCB-60

200601K1\_3

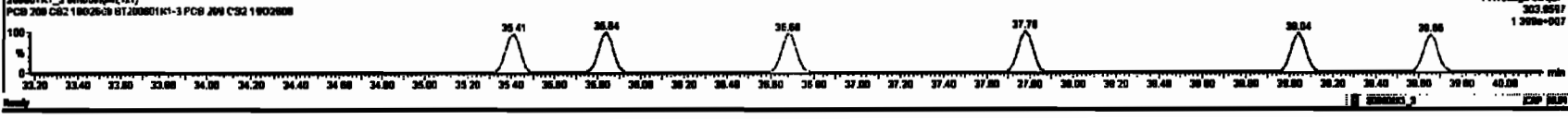
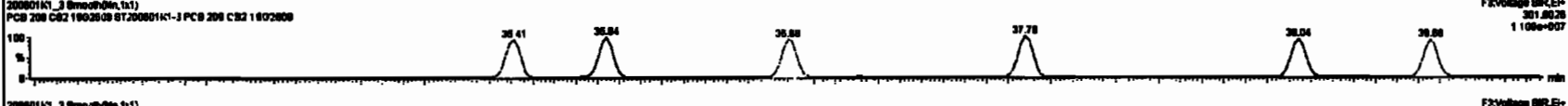
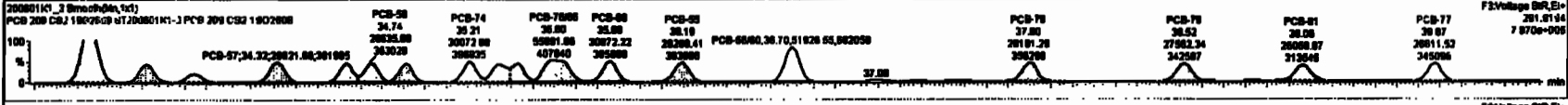
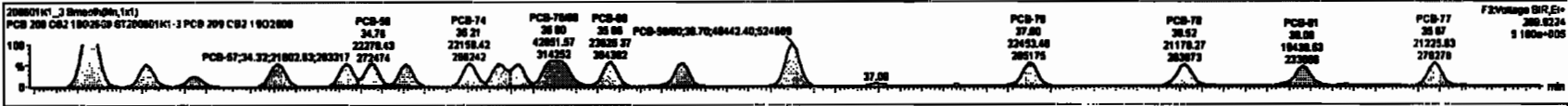


200601K1\_3



#	Mass	Resp	RA	Rel	Off	Value	RelOff	Off	Pres	Off	Off	Off	Off	Off	Off	Off	Off
227	2nd Puriton Tri-PCBs					0.0020	1.000	0.00	0.000	0.00	0.000	MD	38.01	0.204	38.01		
228	2nd Puriton Penta-PCBs					1.2187	1.000	0.80	0.000	0.000	MD	37.83	8.371	37.83			
229	4th Puriton Penta-PCBs					1.0736	1.000	0.00	0.000	0.000	MD	12.18	0.0070	12.18			
230	2nd Puriton Hepta-PCBs					0.0000	1.000	0.00	0.000	0.000	MD	33.88	0.0070	33.88			
231	4th Puriton Hepta-PCBs					1.0016	1.000	0.00	0.000	0.000	MD	38.73	0.372	38.73			
232	Total Hepta-PCBs					1.3881	1.000	0.00	0.000	0.000	MD	37.74	0.488	37.74			
233	2nd Puriton Octa-PCBs					1.0000	1.000	0.00	0.000	0.000	MD	21.88	0.000	21.88			
234	4th Puriton Octa-PCBs					1.1488	1.000	0.00	0.000	0.000	MD	8.874	0.004	8.874			
235	Total Octa-PCBs					0.0020	1.000	0.00	0.000	0.000	MD	7.284	0.007	7.284			
236	Total PCBs					0.0004	1.000	0.00	0.000	0.000	MD	2.423	0.0070	2.423			

#	Mass	Pres	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
30	PCB-81	27.84	27.84	1.880e4	2.880e4	0.770	0.76	MD	2.3770	2.3771							
31	PCB-82	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.6140	2.6139							
32	PCB-83	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3848							
33	PCB-84	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3876							
34	PCB-85	30.30	30.30	1.370e4	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	2.8050	2.8016							
36	PCB-87	31.30	31.30	1.050e4	4.070e4	0.770	0.78	MD	4.7420	4.7426							
37	PCB-72	31.41	31.41	2.150e4	2.780e4	0.770	0.77	MD	2.3830	2.3833							
38	PCB-42B	31.80	31.80	3.020e4	3.880e4	0.770	0.76	MD	4.8820	4.8818							



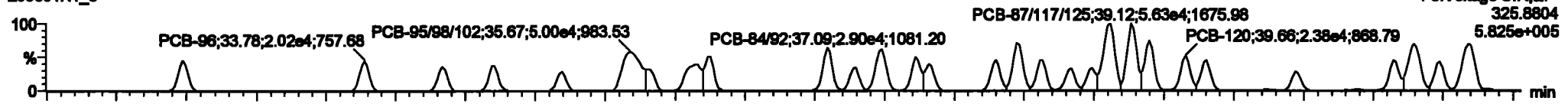
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

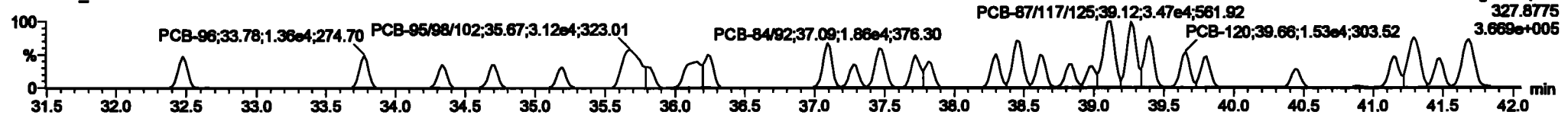
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**PCB-104**

200601K1\_3

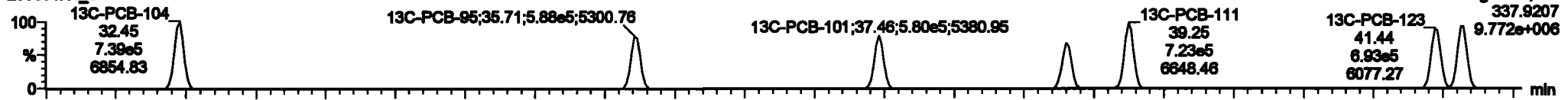


200601K1\_3

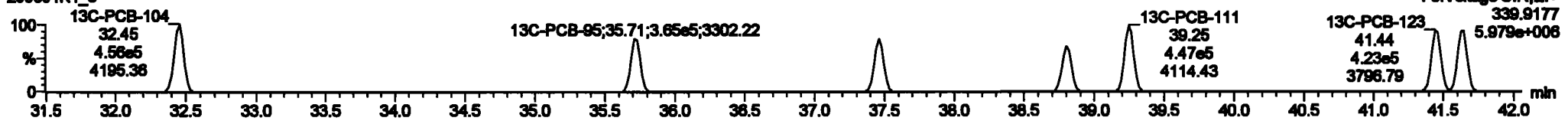


**13C-PCB-104**

200601K1\_3

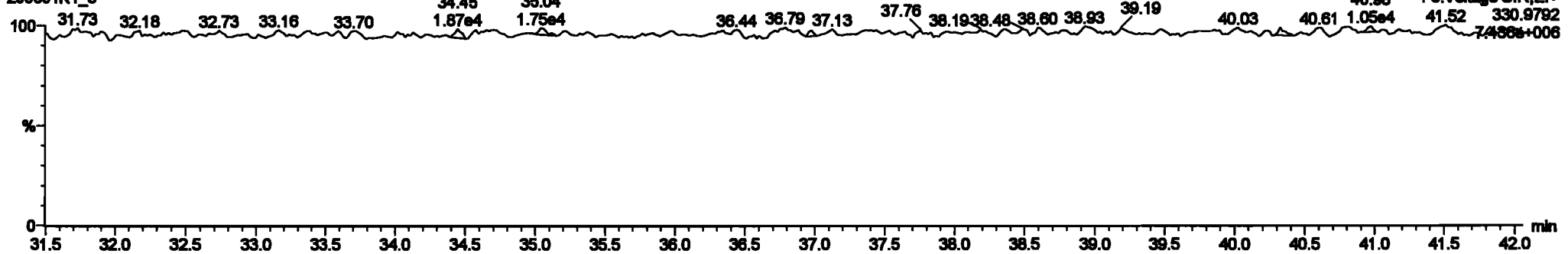


200601K1\_3



**PFK3b**

200601K1\_3

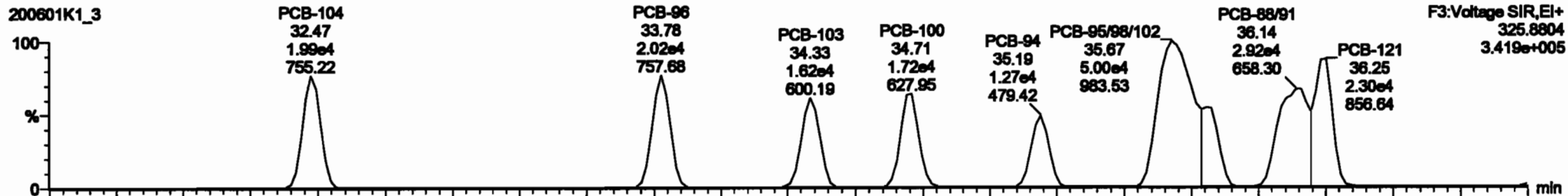


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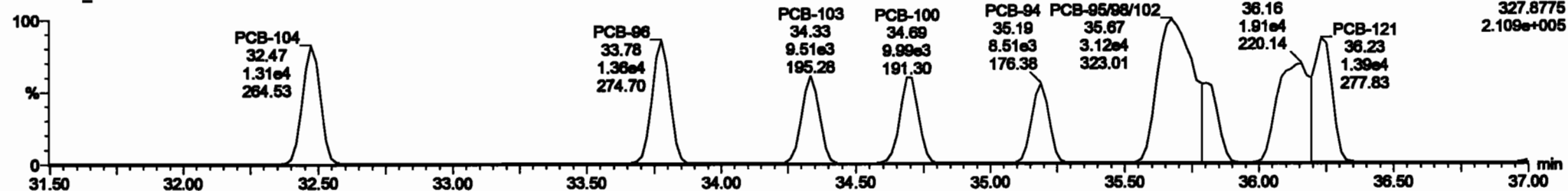
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Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

PCB-96



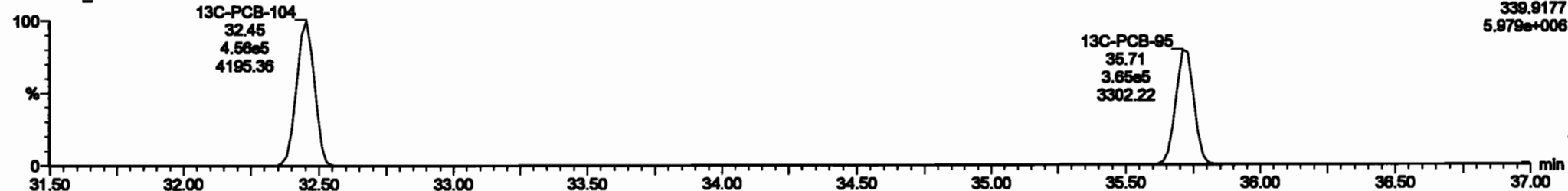
200601K1\_3



13C-PCB-95



200601K1\_3



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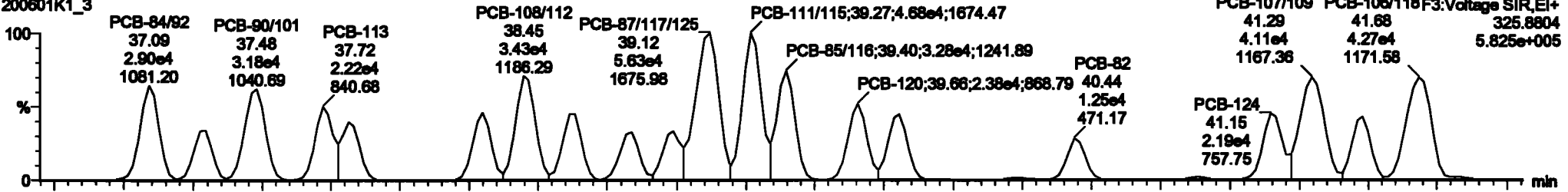
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

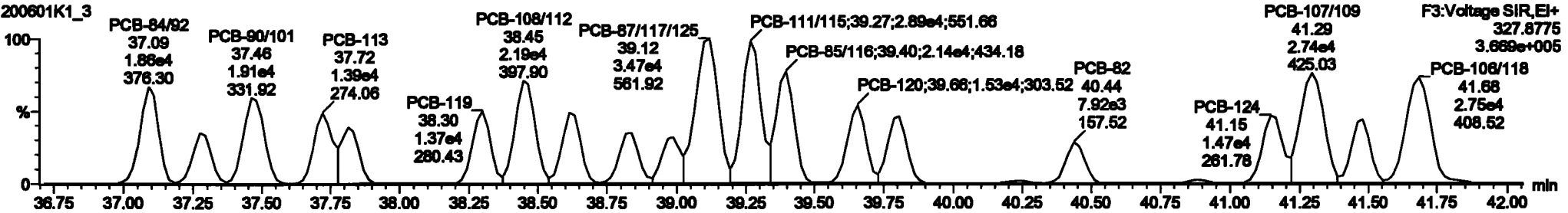
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PCB-119

200601K1\_3

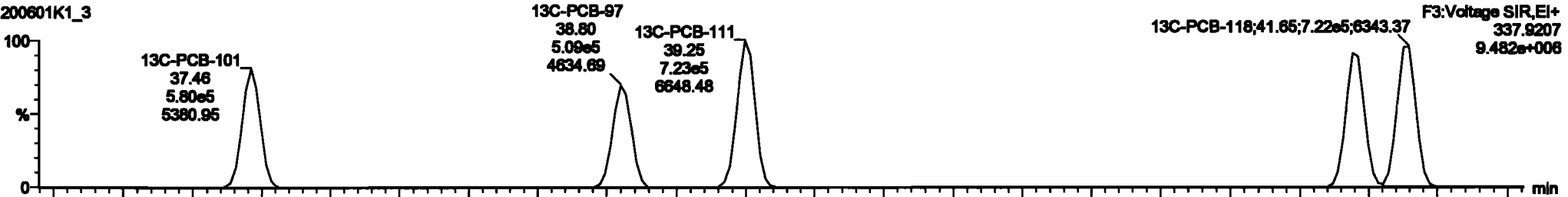


200601K1\_3

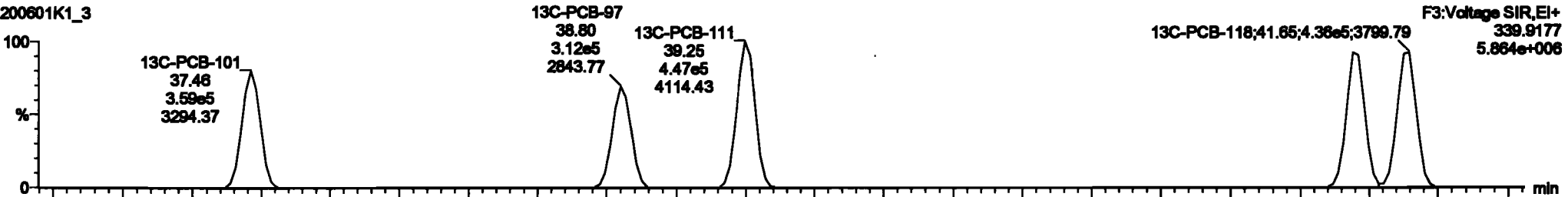


13C-PCB-111

200601K1\_3



200601K1\_3



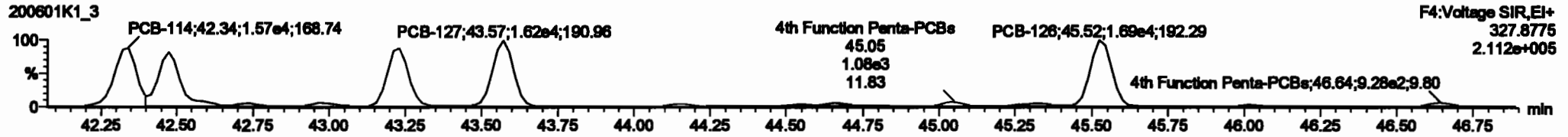
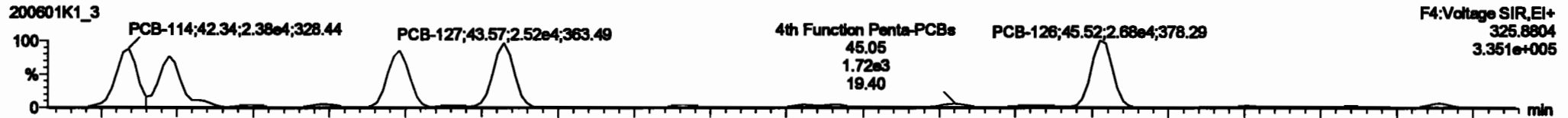


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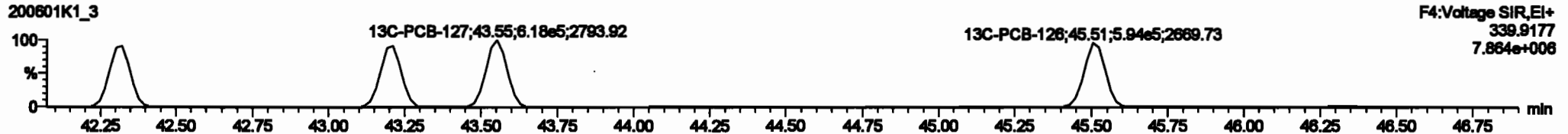
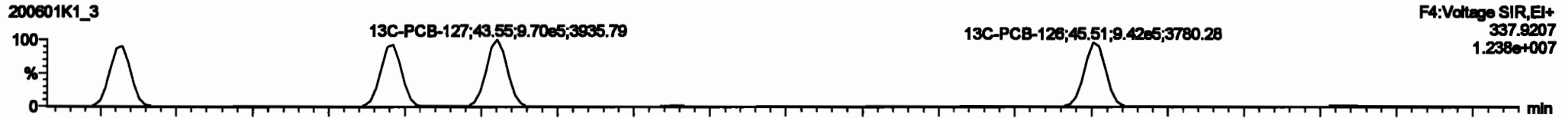
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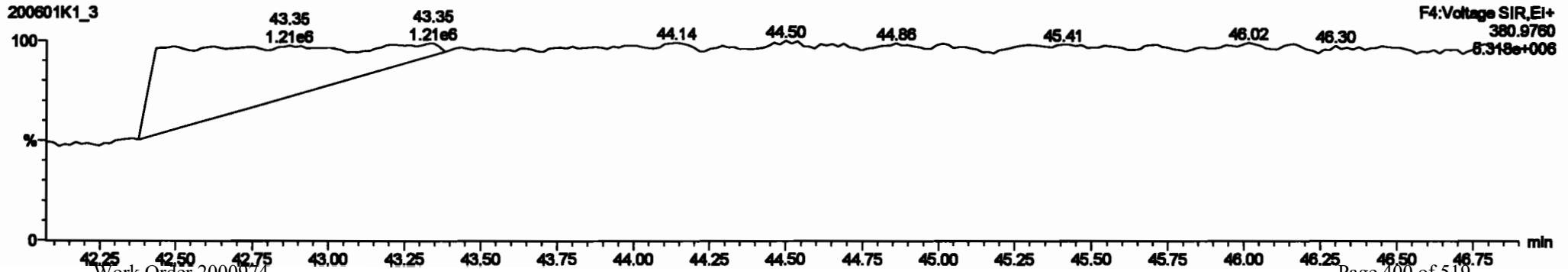
**PCB-114**



**13C-PCB-114**



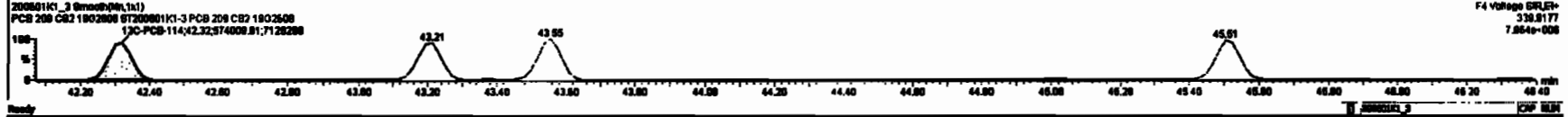
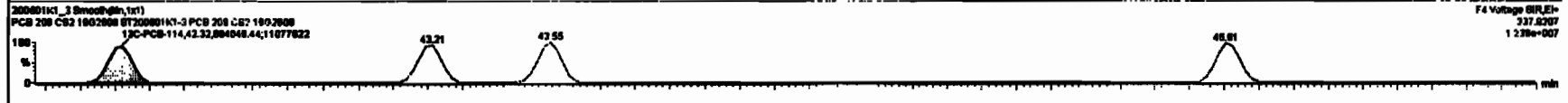
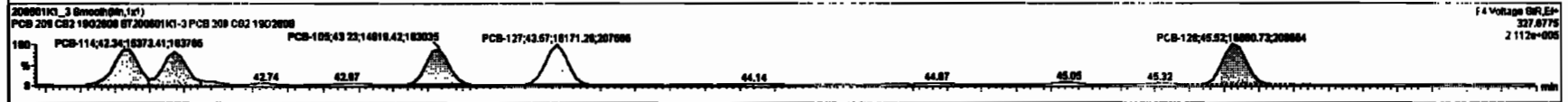
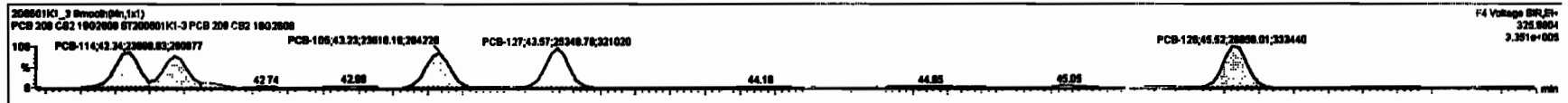
**PFK4a**





#	Name	Range	RA	dy	RF	Initial	ProdRT	RT	ProdR	RFY	ProdF	Chm	SPM	SL	BPFC
227	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.000	NO	38.01			0.284	38.01	
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.000	NO	101.0			0.222	101.0	
229	2nd Function Para-PCBs				1.2167	1.000	0.00	0.000	NO	67.02			0.271	67.02	
230	2nd Function Ortho-PCBs				0.0000	1.000	0.00	0.000	NO	0.000			0.000	0.000	
231	2nd Function Meta-PCBs				0.0000	1.000	0.00	0.000	NO	32.99			0.000	32.99	
232	4th Function Para-PCBs				1.0218	1.000	0.00	0.000	NO	66.73			0.272	66.73	
233	Total Hepta-PCBs				1.2091	1.000	0.00	0.000	NO	67.74			0.406	67.74	
234	4th Function Ortho-PCBs				1.0000	1.000	0.00	0.000	NO	21.86			0.000	21.86	
235	4th Function Para-PCBs				1.1480	1.000	0.00	0.000	NO	6.674			0.000	6.674	
236	Total Hexa-PCBs				0.0000	1.000	0.00	0.000	NO	7.284			0.000	7.284	
237	Total PCBs				0.0000	1.000	0.00	0.000	NO	2.420			0.000	2.420	

#	Name	ProdRT	RT	RF	RFY	ProdF	Chm	SPM	SL	BPFC
80	PCB-114	42.34	42.34	2.370e4	1.000e4	1.000	1.04	NO	2.320	2.320
84	PCB-122	42.48	42.47	2.122e4	1.370e4	1.000	1.04	NO	2.020	2.020
86	PCB-105	43.20	43.20	2.382e4	1.000e4	1.000	1.00	NO	2.000	2.000
88	PCB-127	43.67	43.67	2.000e4	1.000e4	1.000	1.07	NO	2.000	2.000
89	PCB-126	45.52	45.52	2.000e4	1.000e4	1.000	1.01	NO	2.010	2.010



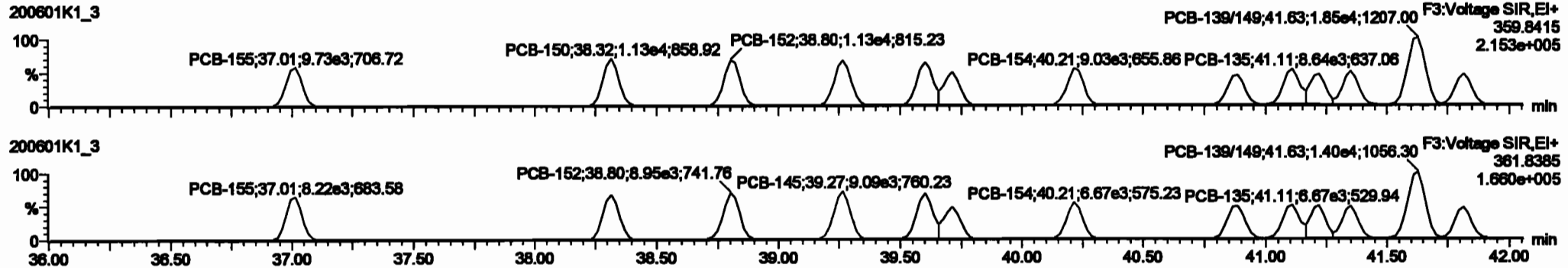
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

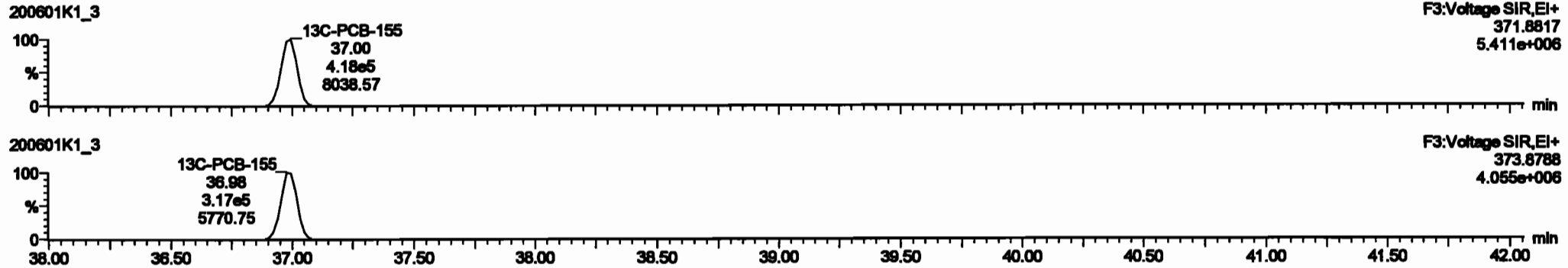
**PCB-155**

200601K1\_3



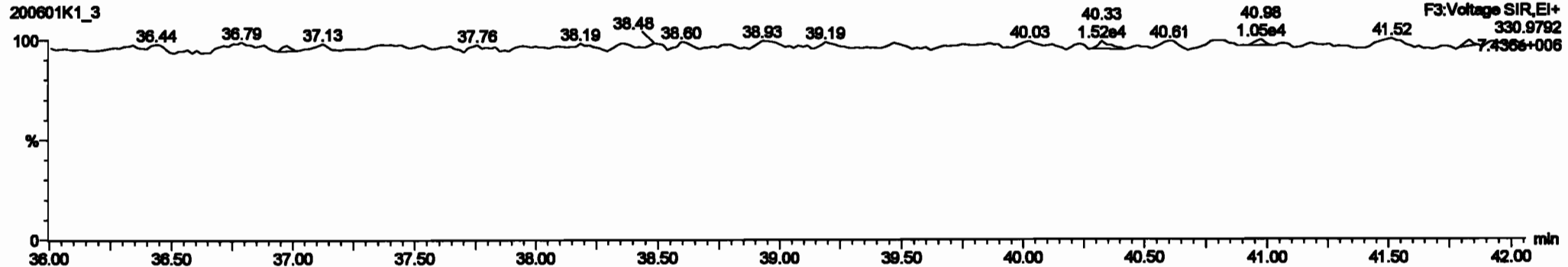
**13C-PCB-155**

200601K1\_3



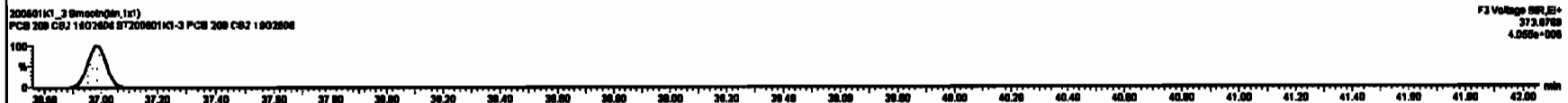
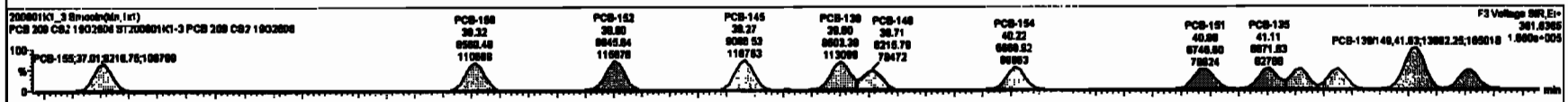
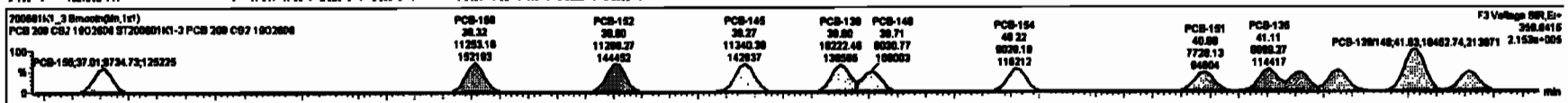
**PFK3c**

200601K1\_3



#	Name	Resp	RA	inj	RRT	width	PeakOff	RT	PeakOff	RRT	RWT Off	Comp.	Area	Height	Area%	
227	2nd Puration 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 Puration Penta-PCBs				1.2497	1.000	0.00	0.000		NO	67.82	0.371	67.82			
230	4th Puration Penta-PCBs				1.0736	1.000	0.00	0.000		NO	12.18	0.0879	12.18			
231	2nd Puration Hexa-PCBs				0.0000	1.000	0.00	0.000		NO	0.0000	0.0000	0.0000			
232	4th Puration 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 Puration Octa-PCBs				1.0000	1.000	0.00	0.000		NO	21.80	0.0803	21.80			
235	2nd Puration Octa-PCBs				1.1489	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	7.284	0.0087	7.284			
237	237 Dece-CD				0.0004	1.000	0.00	0.000		NO	2.420	0.0070	2.420			
238	238 Total PCBs															

#	Name	PeakOff	RT	inj Resp	std Resp	T* Ratio (Peak)	RA	inj	SFPC	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	0.800e3	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	0.807e3	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	40.23	0.800e3	0.800e3	1.240	1.38	NO	2.3220	2.3217
8	100 PCB-181	40.80	40.80	7.720e3	0.247e3	1.240	1.14	NO	2.8010	2.8012
9	100 PCB-135	41.10	41.11	0.800e3	0.872e3	1.240	1.20	NO	2.2880	2.2898

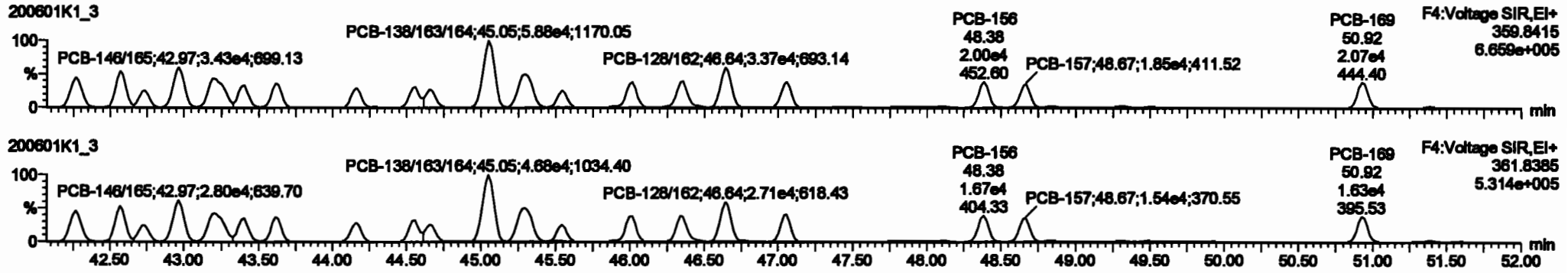


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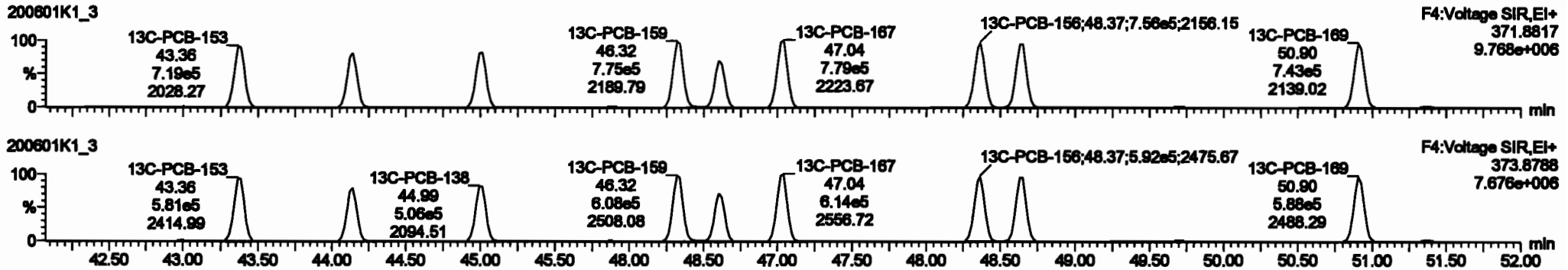
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Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

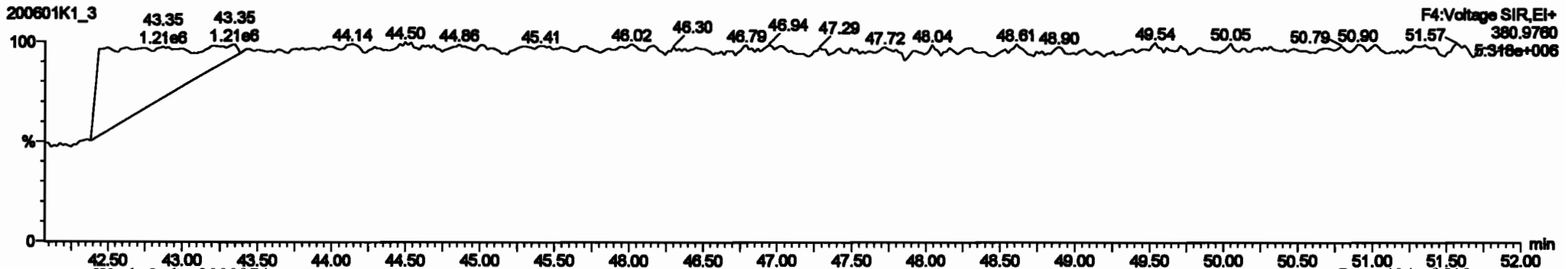
PCB-134/143



13C-PCB-153

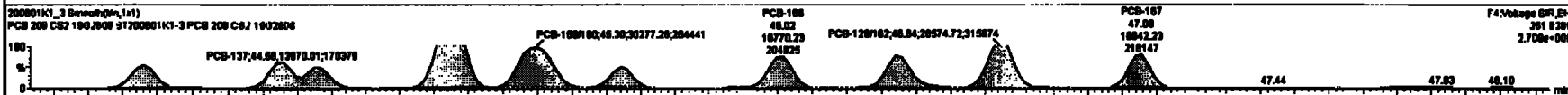
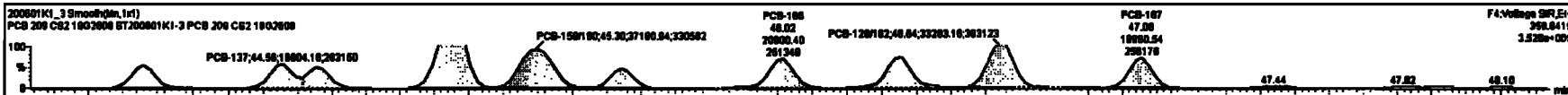


PFK4b



#	Comp	Comp	RA	Qty	Unit Cost	Total Cost	Prod.CT	OT	Prod.R	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P
227	2nd Function Tr-PCBs				0.0000	1.000	0.00		0.000	NO	38.01		0.204	38.01						
228	Total Tetro-PCBs				1.0778	1.000	0.00		0.000	NO	101.0		0.322	101.0						
229	3rd Function Penta-PCBs				1.2167	1.000	0.00		0.000	NO	67.82		0.371	67.82						
230	4th Function Penta-PCBs				1.0730	1.000	0.00		0.000	NO	12.18		0.0070	12.18						
231	5th Function Hexa-PCBs				0.0000	1.000	0.00		0.000	NO	32.00		0.0070	32.00						
232	Total Hexa-PCBs				1.0000	1.000	0.00		0.000	NO	65.18		0.0070	65.18						
233	Total Hepta-PCBs				1.3891	1.000	0.00		0.000	NO	97.74		0.408	97.74						
234	6th Function Octa-PCBs				1.0000	1.000	0.00		0.000	NO	21.80		0.0000	21.80						
235	7th Function Octa-PCBs				1.1488	1.000	0.00		0.000	NO	8.874		0.0043	8.874						
236	Total Nona-PCBs				0.0000	1.000	0.00		0.000	NO	7.384		0.0007	7.384						
237	Decon-CB				0.0004	1.000	0.00		0.000	NO	2.423		0.0000	2.423						
238	Total NPAs																			

#	Comp	Comp	RA	Qty	Unit Cost	Total Cost	Prod.CT	OT	Prod.R	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P	Prod.P
111	PCB-134/A3				42.28	42.28	2.620e4	2.41e4	1.260	1.26	NO	4.6370	4.6368							
112	PCB-131/A30				42.88	42.87	2.847e4	2.382e4	1.260	1.26	NO	4.7070	4.7068							
113	PCB-142				42.72	42.74	1.217e4	1.050e4	1.260	1.26	NO	3.6220	3.6218							
114	PCB-148/A05				42.87	42.87	3.420e4	2.880e4	1.260	1.22	NO	4.7180	4.7180							
115	PCB-132/A01				43.20	43.18	3.813e4	2.730e4	1.260	1.26	NO	4.6890	4.6893							
116	PCB-163				43.38	43.40	1.777e4	1.610e4	1.260	1.18	NO	2.3800	2.3810							
117	PCB-168				43.81	43.81	1.680e4	1.622e4	1.260	1.26	NO	2.4180	2.4178							
118	PCB-141				44.18	44.18	1.480e4	1.220e4	1.260	1.26	NO	2.4000	2.4004							
119	PCB-137				44.80	44.88	1.880e4	1.380e4	1.260	1.18	NO	2.6070	2.6068							

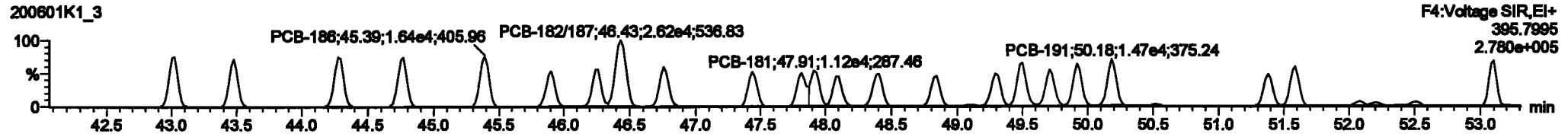
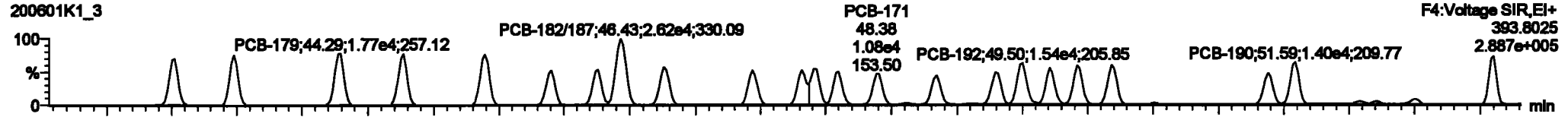


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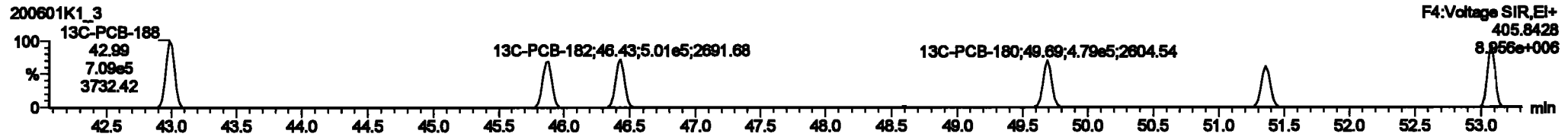
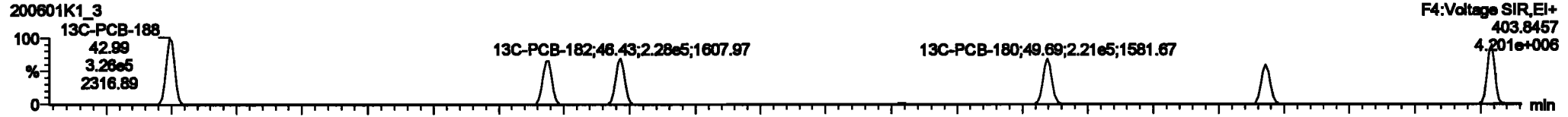
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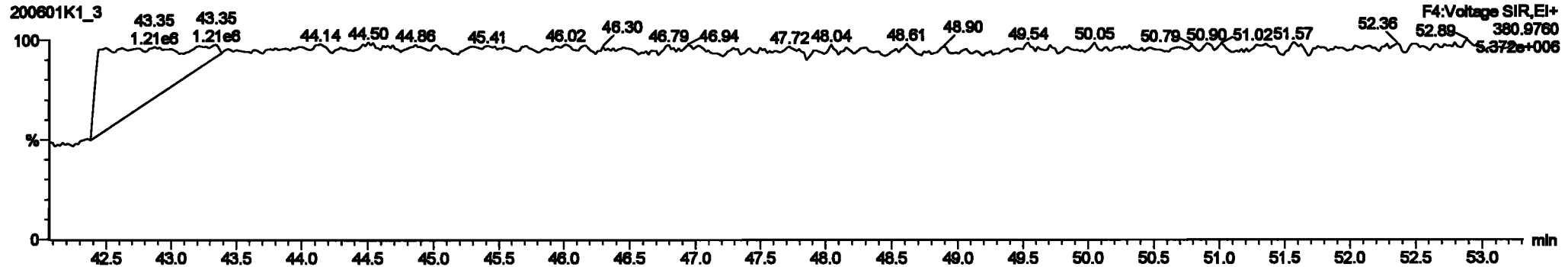
**PCB-188**



**13C-PCB-188**

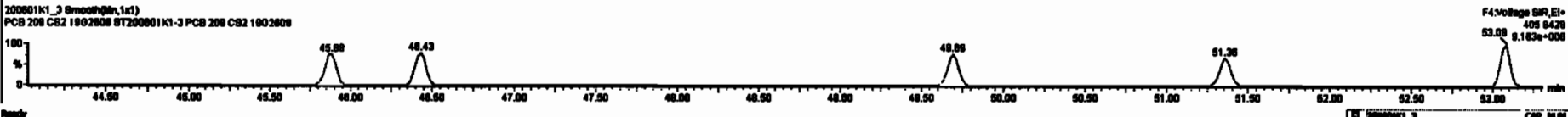
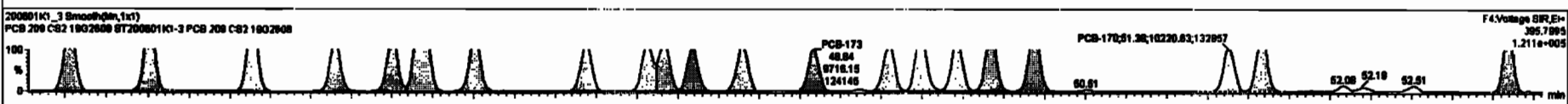
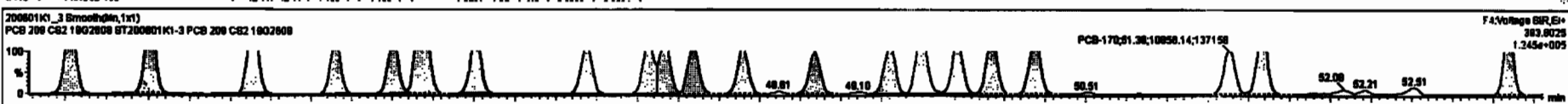


**PFK4c**



#	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	0.000		NO	38.01	0.284	38.01	
228	228 Total Tetra-PCBs				1.0778	1.000	0.00	0.000	0.000		NO	101.0	0.322	101.0	
229	229 3rd Function Penta-PCBs				1.3167	1.000	0.00	0.000	0.000		NO	87.82	0.571	87.82	
230	230 6th Function Penta-PCBs				1.0725	1.000	0.00	0.000	0.000		NO	12.18	0.0878	12.18	
231	231 3rd Function Hexa-PCBs				0.8025	1.000	0.00	0.000	0.000		NO	32.88	0.0878	32.88	
232	232 6th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	0.000		NO	88.72	0.272	88.72	
233	233 Total Hexa-PCBs				1.2889	1.000	0.00	0.000	0.000		NO	87.24	0.272	87.24	
234	234 6th Function Octa-PCBs				1.0008	1.000	0.00	0.000	0.000		NO	21.88	0.0803	21.88	
235	235 6th Function Octa-PCBs				1.1488	1.000	0.00	0.000	0.000		NO	6.974	0.0843	6.974	
236	236 Total Octa-PCBs				0.8023	1.000	0.00	0.000	0.000		NO	7.284	0.0887	7.284	
237	237 Deca-Cl				0.8884	1.000	0.00	0.000	0.000		NO	2.423	0.0878	2.423	
238	238 Total PCBs														

#	Name	ProdRT	RT	Std Range	Std Range	Rate (ppm)	Rate (ppm)	SPC	Comp
1	131 PCB-188	43.02	43.02	1.817e4	1.888e4	1.000	0.97	NO	2.4600
2	132 PCB-184	43.47	43.48	1.863e4	1.820e4	1.000	1.08	NO	2.4670
3	133 PCB-178	44.27	44.28	1.773e4	1.818e4	1.000	1.10	NO	2.5240
4	134 PCB-176	44.70	44.77	1.708e4	1.803e4	1.000	1.07	NO	2.4420
5	135 PCB-168	48.28	48.28	1.780e4	1.844e4	1.000	1.07	NO	2.4870
6	136 PCB-170	48.80	48.80	1.171e4	1.142e4	1.000	1.02	NO	2.3880
7	137 PCB-175	48.24	48.28	1.223e4	1.228e4	1.000	1.00	NO	2.4740
8	138 PCB-182/187	48.42	48.43	2.811e4	2.824e4	1.000	1.00	NO	4.7440
9	139 PCB-183	48.78	48.78	1.328e4	1.284e4	1.000	1.02	NO	2.4780

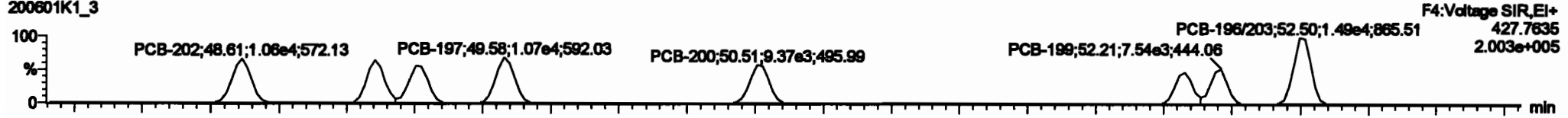


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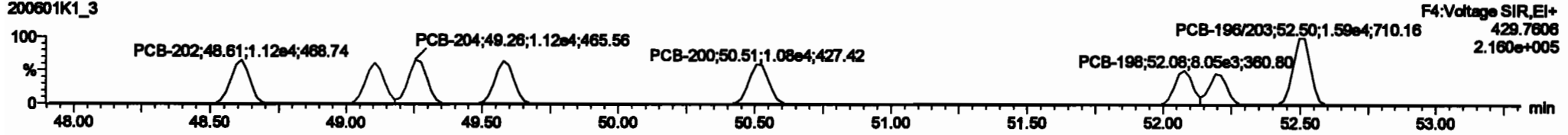
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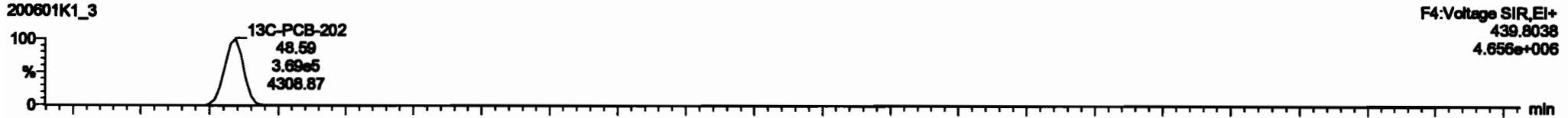
PCB-202  
200601K1\_3



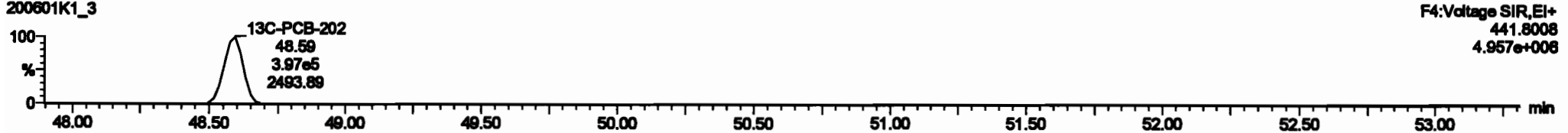
200601K1\_3



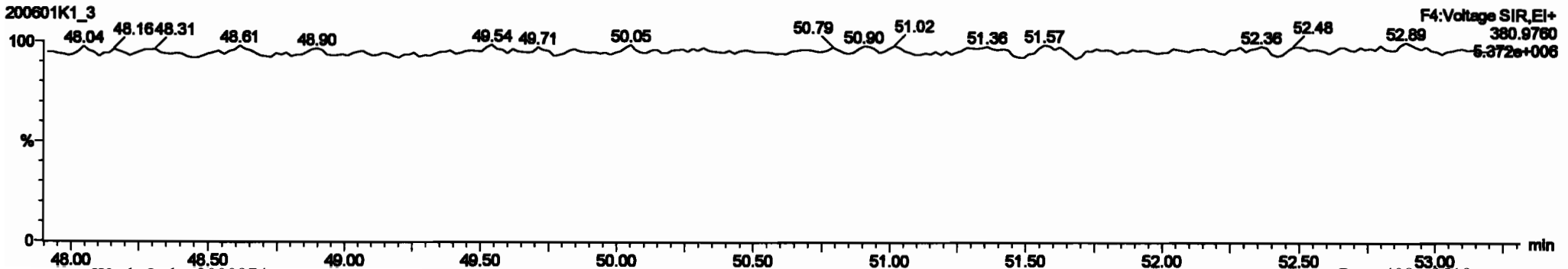
13C-PCB-202



200601K1\_3



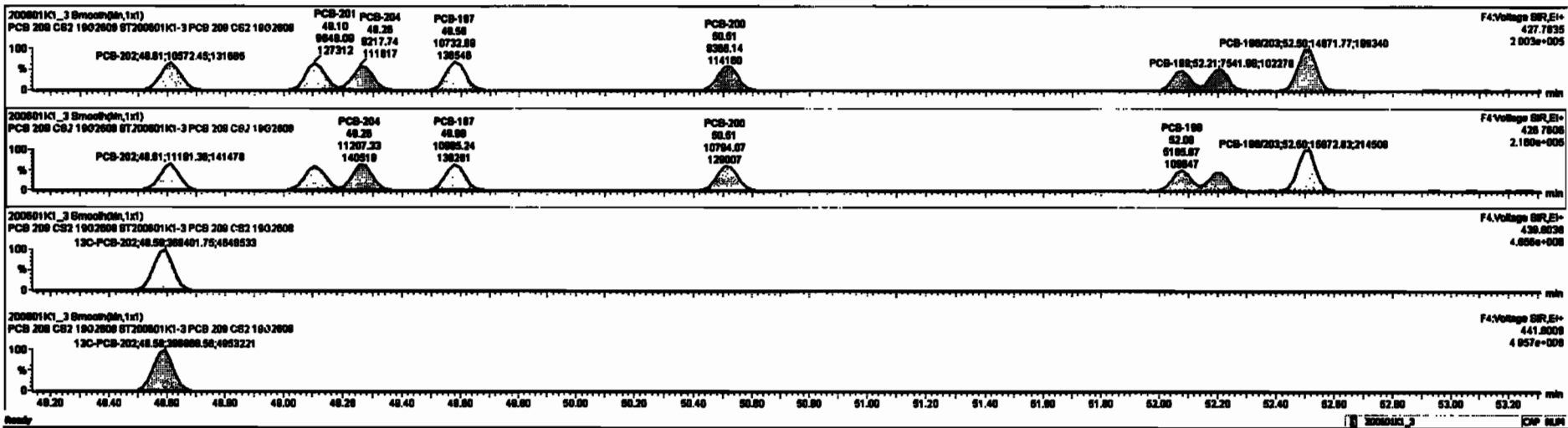
PFK4d





#	Name	Qty	RA	nly	RFY	QdPct	PosPct	RY	Prod.R	RRT	RRT Pct	Cons.	%Pct	QTY	RPCT
227	2nd Function TM-PCBs				0.0000	1.000	0.00		0.000		NO	38.01	0.384	38.01	
228	Total Telo-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				1.3801	1.000	0.00		0.000		NO	57.74	0.480	57.74	
234	2nd Function Ode-PCBs				1.0000	1.000	0.00		0.000		NO	31.88	0.0000	31.88	
235	8th Function Ode-PCBs				1.4488	1.000	0.00		0.000		NO	6.974	0.0043	6.974	
236	Total Hase-PCBs				0.0023	1.000	0.00		0.000		NO	7.384	0.0007	7.384	
237	Dece-CD				0.0004	1.000	0.00		0.000		NO	2.423	0.0070	2.423	
238	Total PCBs														

#	Name	Prod.R	RY	QdPct	PosPct	RFY	RA	nly	RPCT	Cons.
164	PCB-202	48.63	48.61	1.000e4	1.118e4	0.000	0.94	NO	2.4310	2.4312
165	PCB-201	48.10	48.10	8.848e3	1.020e4	0.000	0.94	NO	2.4710	2.4712
166	PCB-204	48.28	48.28	0.210e3	1.121e4	0.000	0.82	NO	2.3380	2.3383
167	PCB-187	48.58	48.58	1.073e4	1.000e4	0.000	0.88	NO	2.4916	2.4908
168	PCB-200	60.61	60.61	0.388e3	1.070e4	0.000	0.87	NO	2.4880	2.4891
169	PCB-188	62.08	62.08	0.000e3	8.188e3	0.000	0.85	NO	2.4770	2.4772
170	PCB-189	62.18	62.21	7.843e3	7.826e3	0.000	1.00	NO	2.4300	2.4287
181	PCB-188203	62.62	62.60	1.489e4	1.887e4	0.000	0.94	NO	4.7670	4.7687



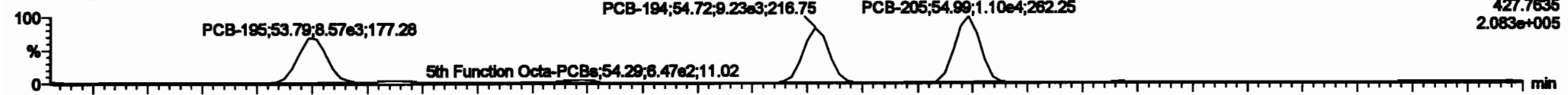
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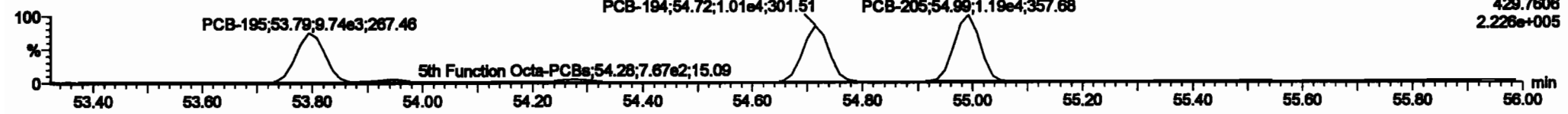
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**PCB-195**

200801K1\_3

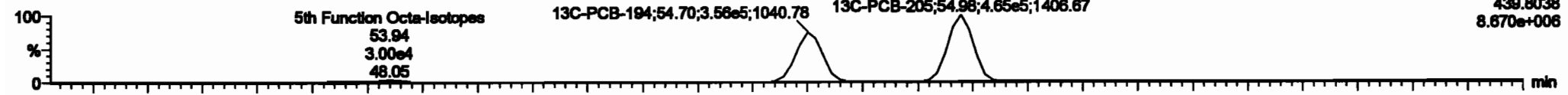


200801K1\_3

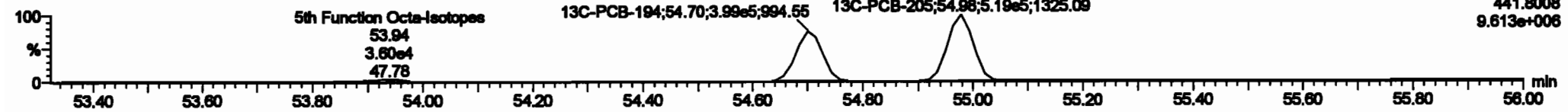


**13C-PCB-194**

200801K1\_3

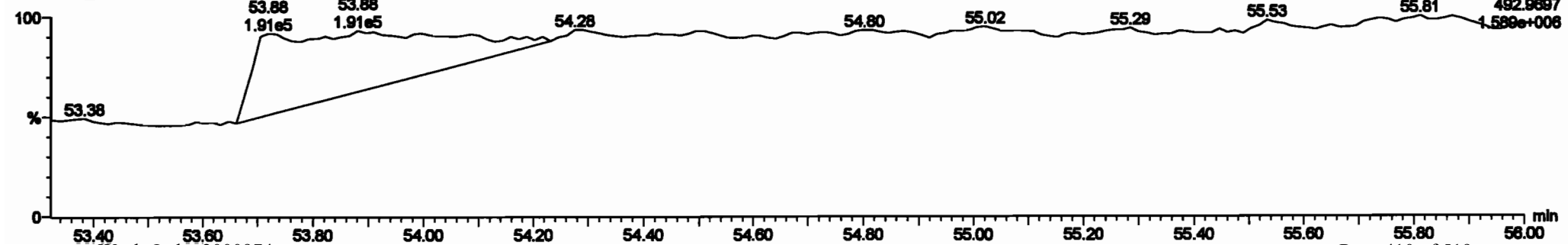


200801K1\_3



**PFK5a**

200801K1\_3



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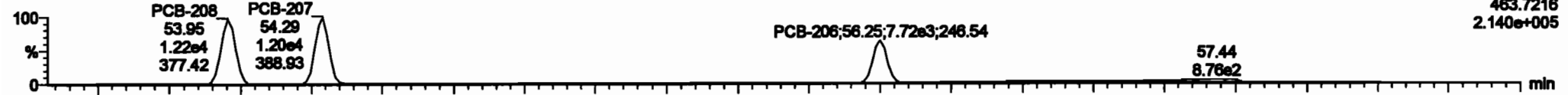
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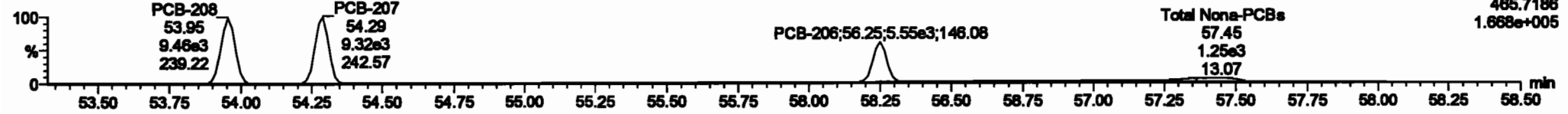
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PCB-208

200601K1\_3

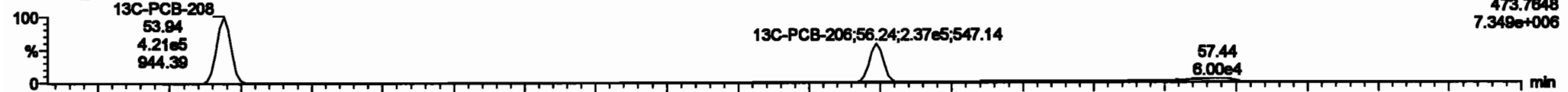


200601K1\_3

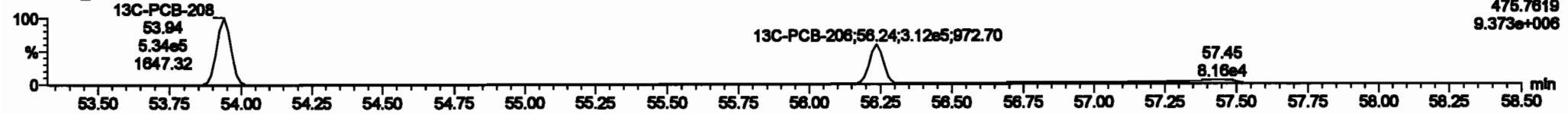


13C-PCB-208

200601K1\_3

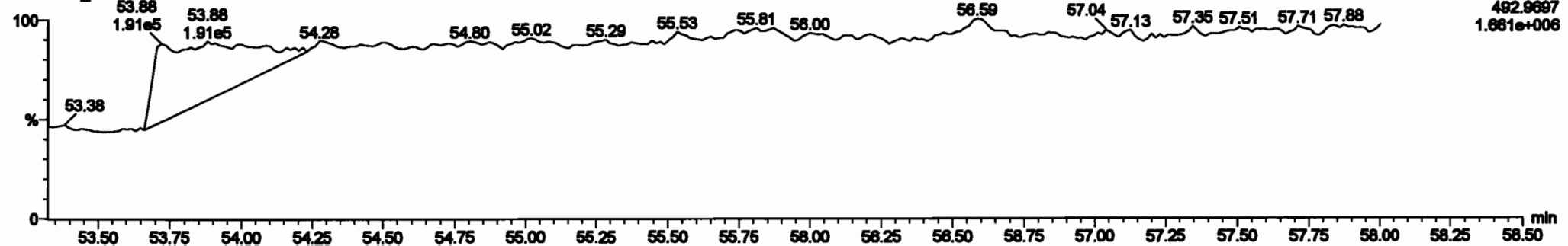


200601K1\_3



PFK5

200601K1\_3



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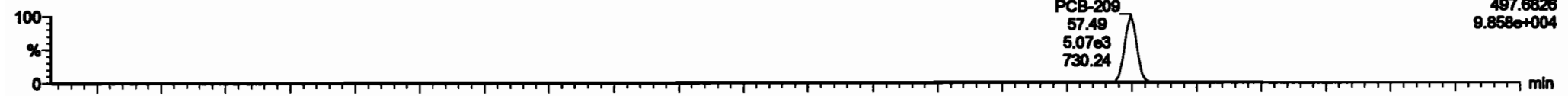
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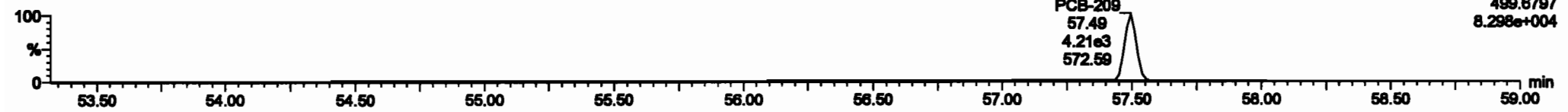
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**PCB-209**

200601K1\_3

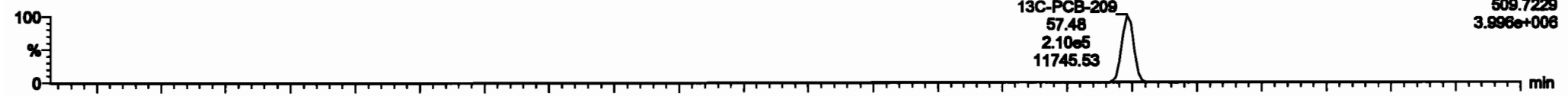


200601K1\_3

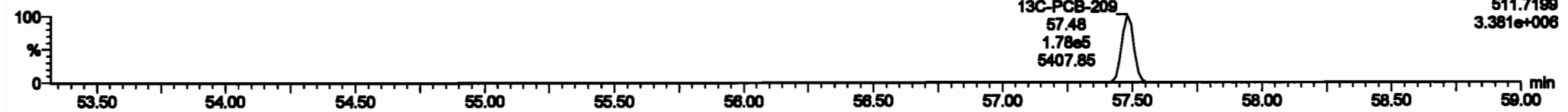


**13C-PCB-209**

200601K1\_3

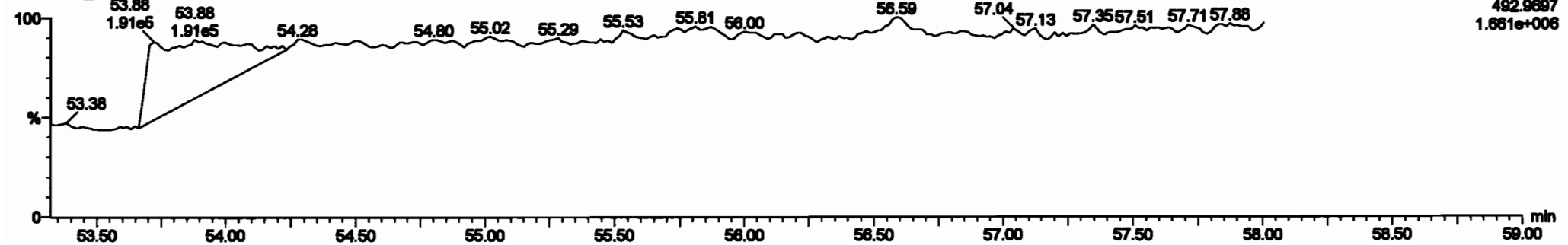


200601K1\_3



**PFK5b**

200601K1\_3



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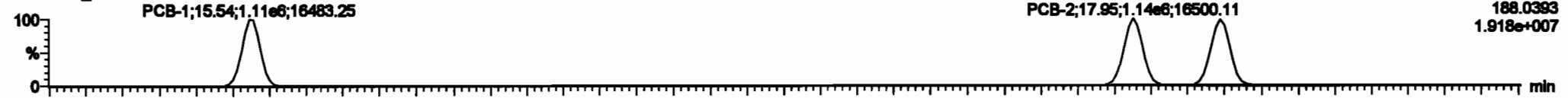
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

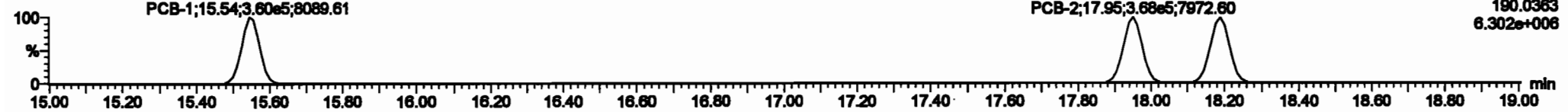
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**PCB-1**

200601K1\_4

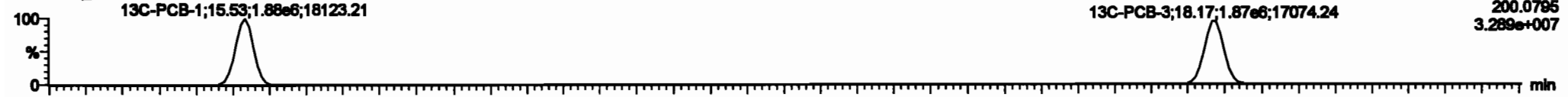


200601K1\_4

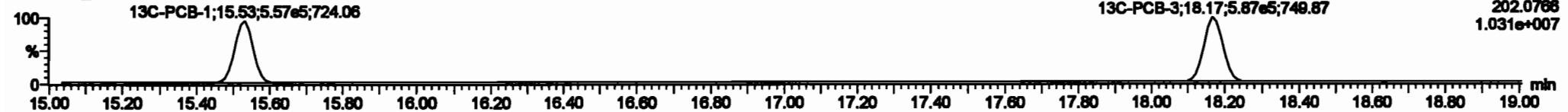


**13C-PCB-1**

200601K1\_4

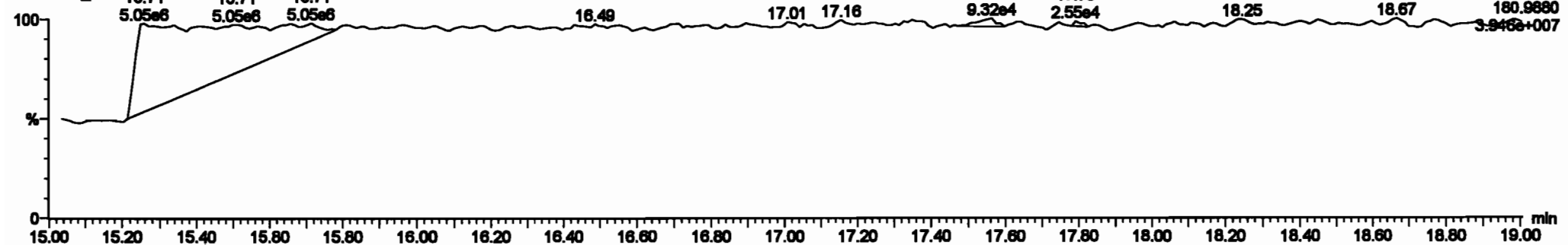


200601K1\_4



**PFK1**

200601K1\_4



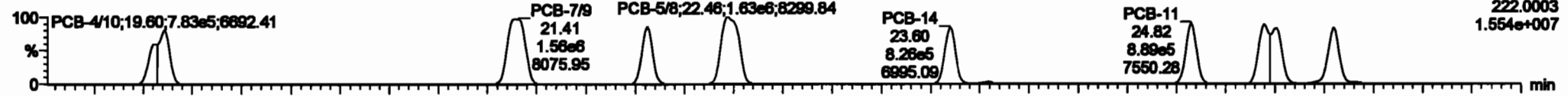
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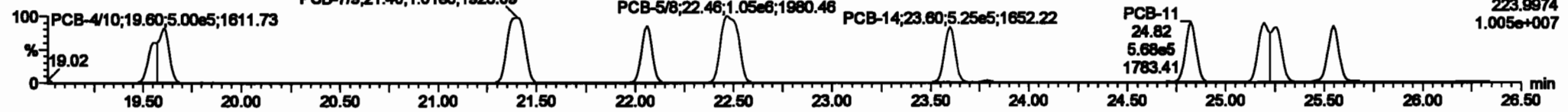
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**PCB-4/10**

200601K1\_4

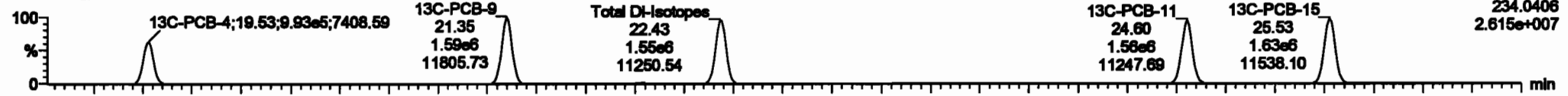


200601K1\_4

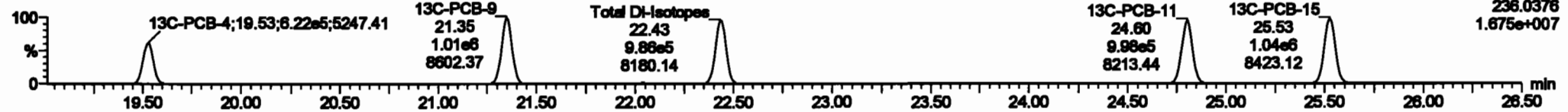


**13C-PCB-4**

200601K1\_4

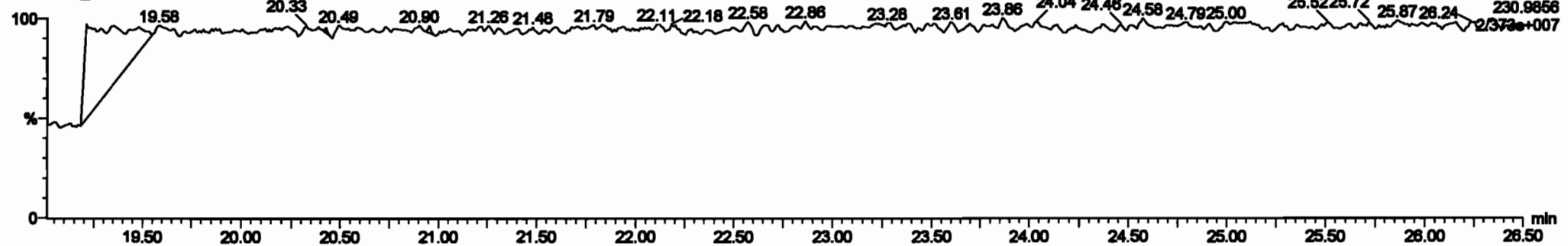


200601K1\_4



**PFK2a**

200601K1\_4



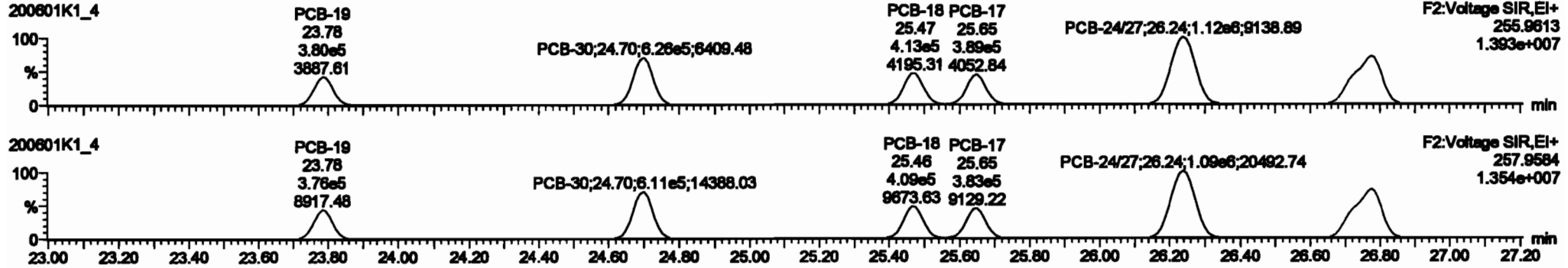


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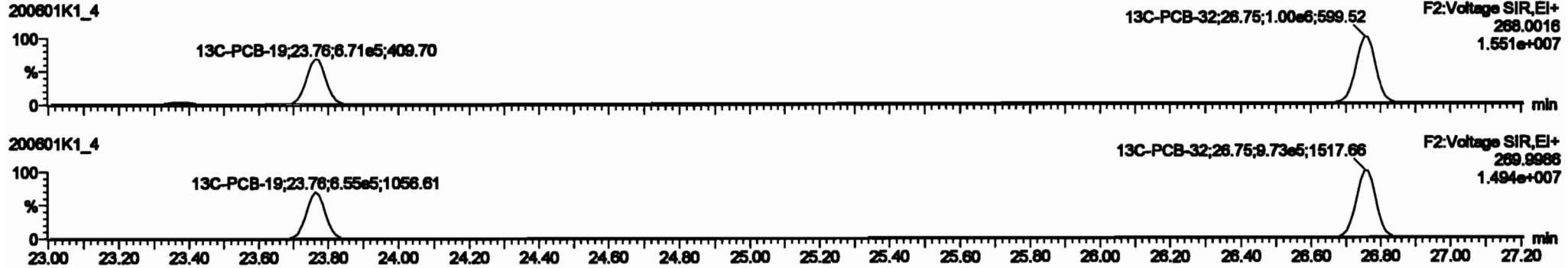
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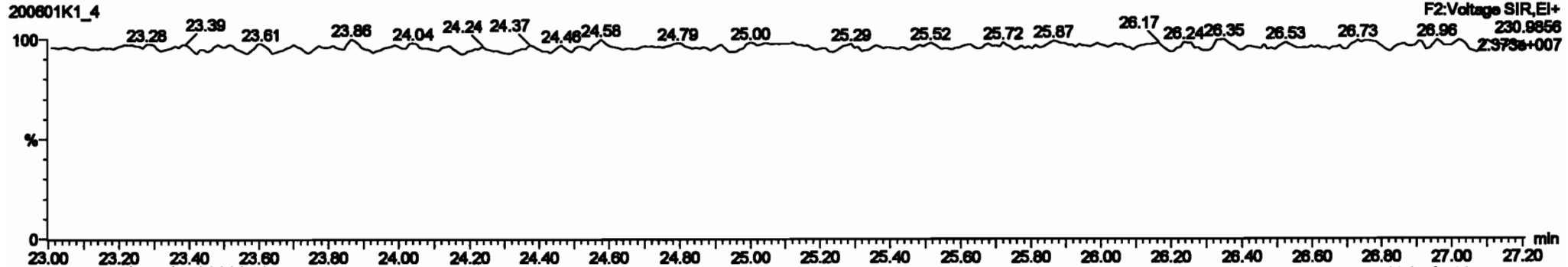
**PCB-19**



**13C-PCB-19**



**PFK2b**





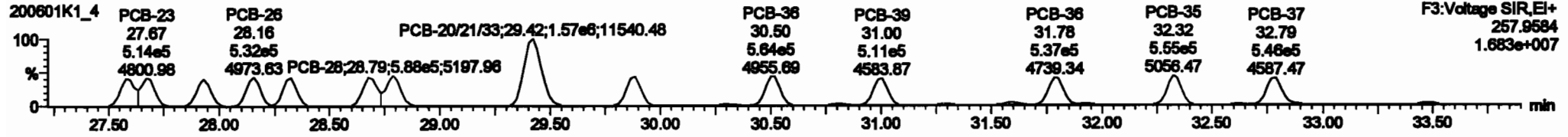
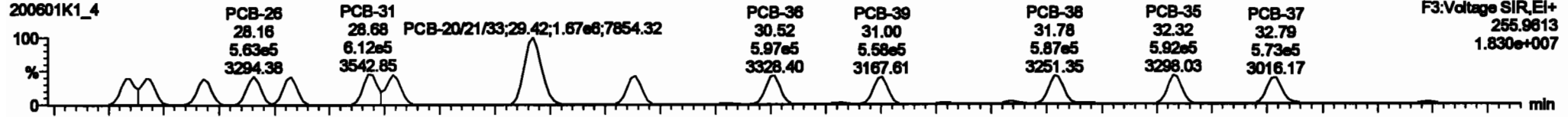
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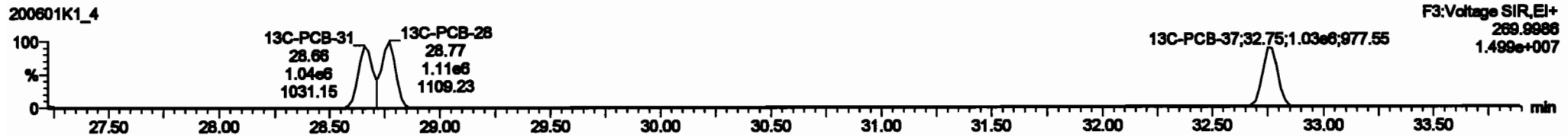
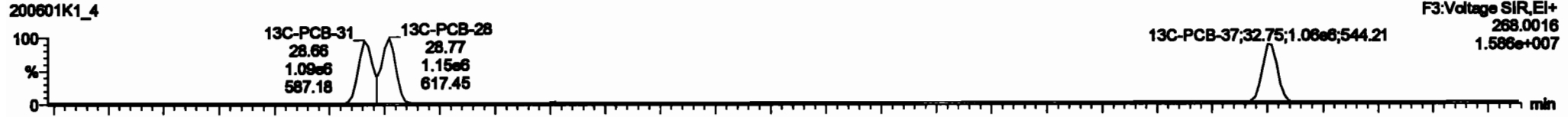
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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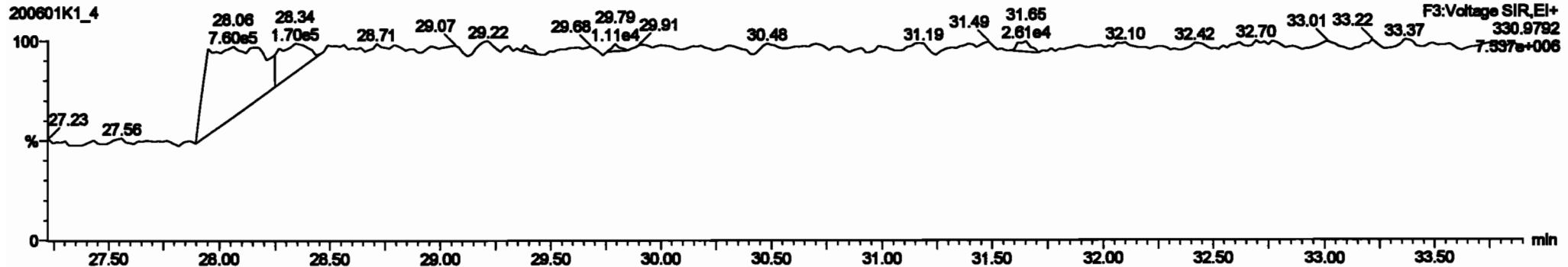
**PCB-34**



**13C-PCB-28**

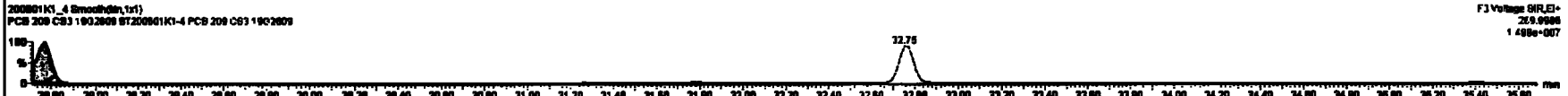
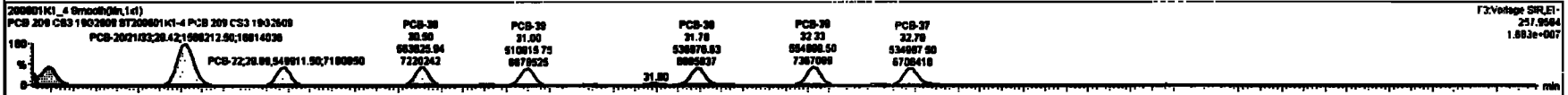


**PFK3d**



#	Name	Comp	RA	Vol	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
224	Total Mono-PCBs				1.000	1.000	0.00	0.000	NO	188.1	0.000	188.1							
225	Total Di-PCBs				1.007	1.000	0.00	0.000	NO	818.4	0.280	818.4							
226	2nd Function Tri-PCBs				1.007	1.000	0.00	0.000	NO	412.8	0.000	412.8							
227	3rd Function Tetra-PCBs				0.000	0.000	0.00	0.000	NO	0.000	0.000	0.000							
228	Total Tetra-PCBs				1.0776	1.000	0.00	0.000	NO	2171	0.943	2171							
229	3rd Function Penta-PCBs				1.3187	1.000	0.00	0.000	NO	2108	0.828	2108							
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000	NO	281.1	0.162	281.1							
231	3rd Function Hexa-PCBs				0.0000	1.000	0.00	0.000	NO	887.0	0.108	887.0							
232	4th Function Hexa-PCBs				1.0016	1.000	0.00	0.000	NO	1481	1.28	1481							
233	Total Hepta-PCBs				1.3981	1.000	0.00	0.000	NO	1290	1.28	1290							
234	4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	NO	448.1	0.322	448.1							
235	Total 8th Function Octa-PCBs				1.1488	1.000	0.00	0.000	NO	158.1	0.281	158.1							

#	Name	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	
18	PCB-34	27.80	27.80	5.93e6	5.28e6	1.000	1.00	NO	80.487	80.487										
19	PCB-35	27.87	27.87	6.281e6	5.140e6	1.000	1.00	NO	82.830	82.830										
20	PCB-36	27.80	27.80	6.210e6	4.830e6	1.000	1.00	NO	80.340	80.340										
21	PCB-36	28.18	28.18	6.832e6	6.321e6	1.000	1.00	NO	81.287	81.287										
22	PCB-36	28.31	28.32	6.916e6	6.214e6	1.000	1.00	NO	80.388	80.388										
23	PCB-37	28.88	28.88	6.118e6	6.388e6	1.000	1.14	NO	48.828	48.828										
24	PCB-38	28.78	28.78	6.380e6	6.878e6	1.000	1.00	NO	82.734	82.734										
25	PCB-202103	28.43	28.42	1.878e6	1.888e6	1.000	1.07	NO	182.26	182.26										
26	PCB-22	28.87	28.88	6.882e6	6.488e6	1.000	1.00	NO	81.848	81.848										

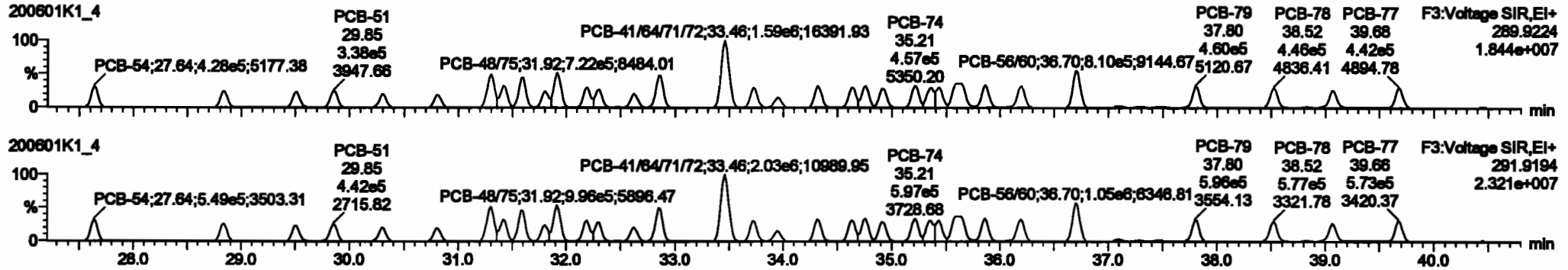


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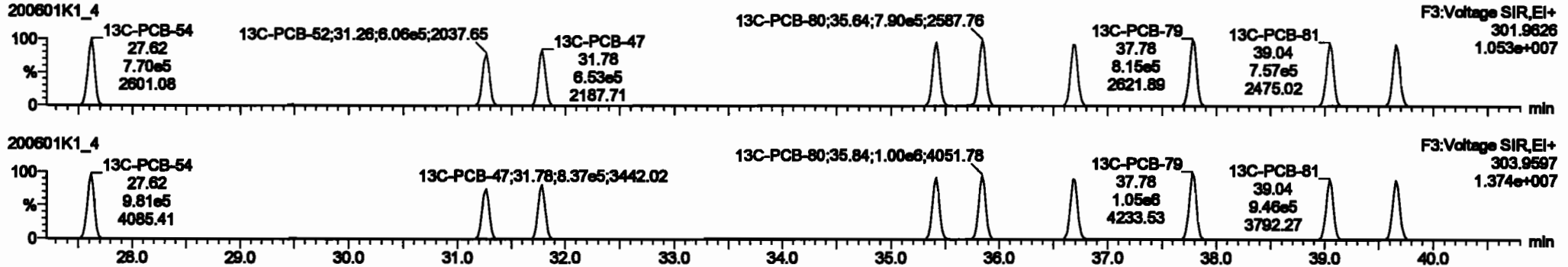
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

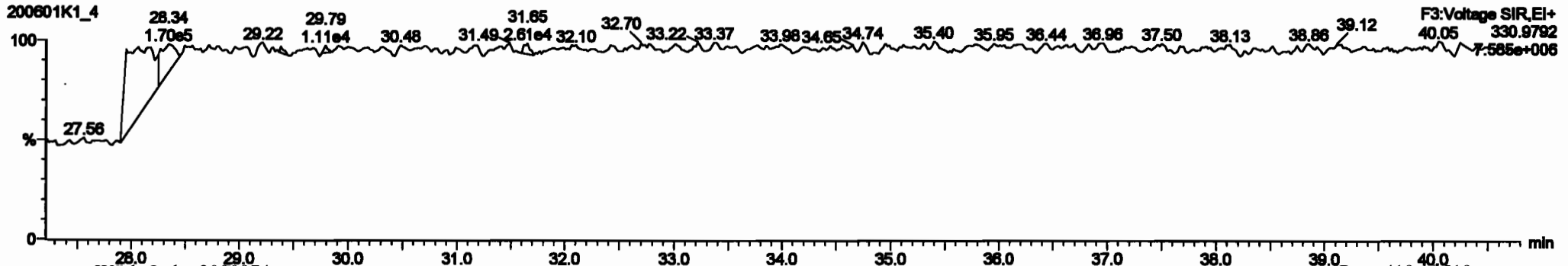
**PCB-54**



**13C-PCB-54**



**PFK3a**



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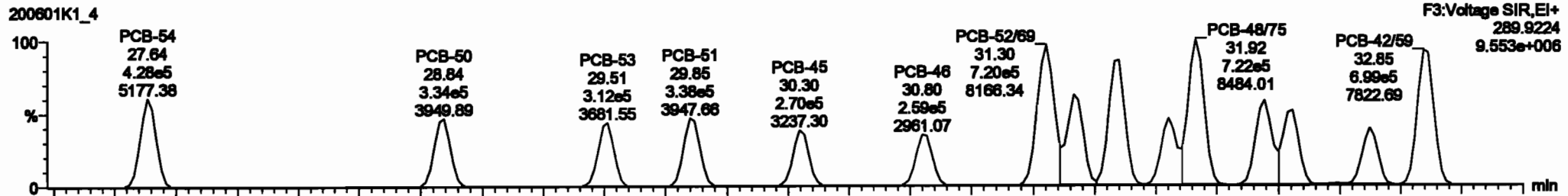
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

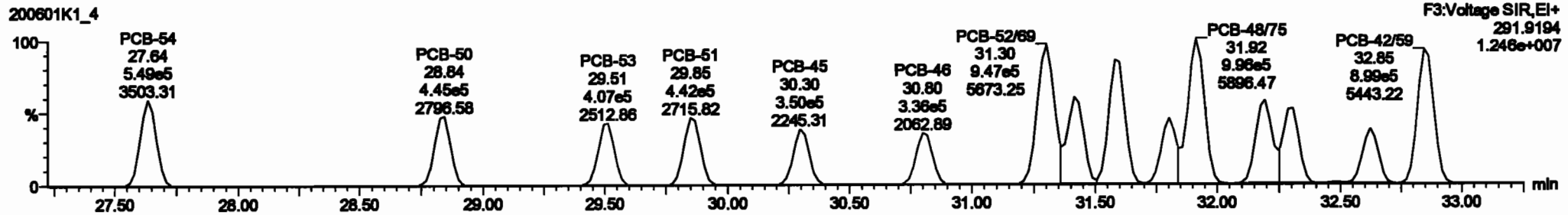
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PCB-50

200601K1\_4

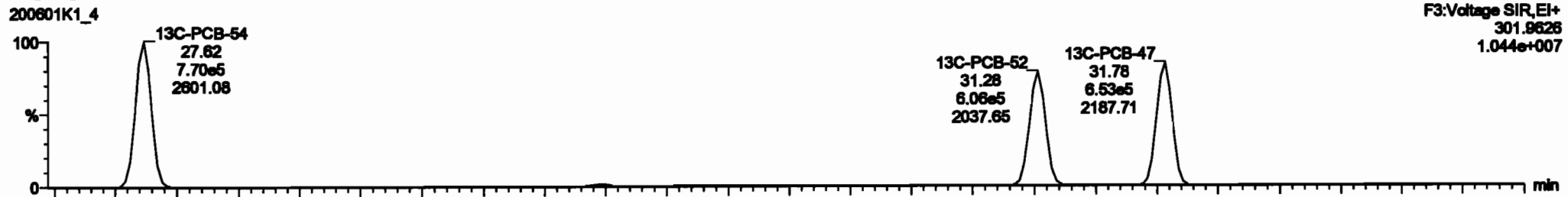


200601K1\_4

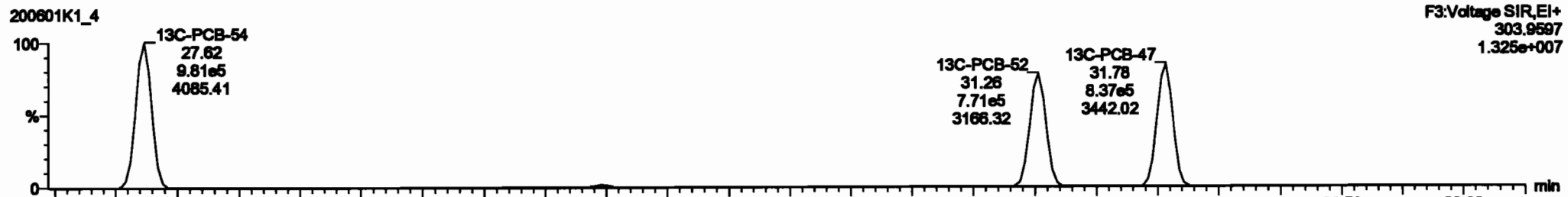


13C-PCB-52

200601K1\_4

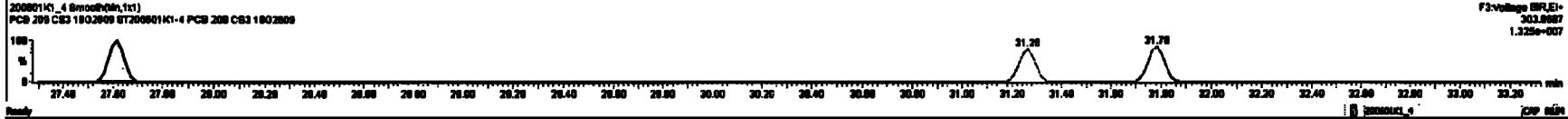
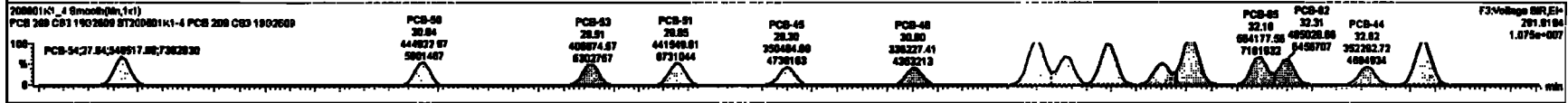
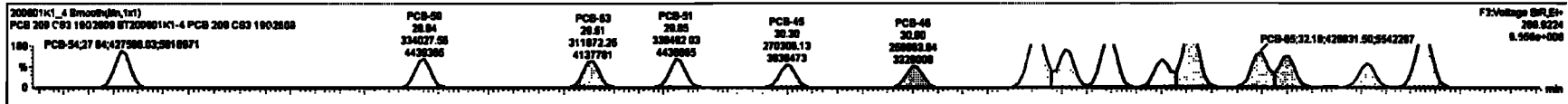


200601K1\_4



#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	Area	W/F	Comp.	Ratio	DL	MSPC
226	Total Mono-PCBs				1.000	1.000	0.00	0.000	NO	188.1			0.000	188.1	
227	Total Di-PCBs				1.000	1.000	0.00	0.000	NO	818.4			0.000	818.4	
228	Total Tri-PCBs				1.000	1.000	0.00	0.000	NO	412.5			0.000	412.5	
229	1st Function Tri-PCBs				0.800	1.000	0.00	0.000	NO	818.1			0.00	818.1	
230	2nd Function Tri-PCBs				1.000	0.000	0.00	0.000	NO	248.0			0.00	248.0	
231	3rd Function Tri-PCBs				1.000	1.000	0.00	0.000	NO	289.1			0.00	289.1	
232	1st Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	1481			1.00	1481	
233	2nd Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	1289			1.00	1289	
234	3rd Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	446.1			0.00	446.1	
235	4th Function Tetra-PCBs				1.000	1.000	0.00	0.000	NO	184.1			0.00	184.1	

#	Name	Value	RT	W/F	PeakRT	Area	W/F	Comp.	Ratio
32	PCB-84	27.84	27.84	4.270e5	6.489e5	0.770	0.78	NO	91.824
33	PCB-89	28.89	28.84	3.240e5	4.448e5	0.770	0.78	NO	90.978
34	PCB-89	28.89	28.81	3.120e5	4.088e5	0.770	0.77	NO	82.288
35	PCB-91	28.99	28.89	3.280e5	4.418e5	0.770	0.77	NO	83.201
36	PCB-45	30.30	30.30	2.700e5	3.600e5	0.770	0.77	NO	82.598
37	PCB-45	30.30	30.85	2.850e5	3.800e5	0.770	0.77	NO	82.893
38	PCB-49B	31.31	31.20	1.200e5	0.470e5	0.770	0.78	NO	103.88
39	PCB-73	31.41	31.41	4.880e5	6.520e5	0.770	0.78	NO	83.821
40	PCB-49B	31.89	31.89	6.280e5	8.314e5	0.770	0.77	NO	108.07



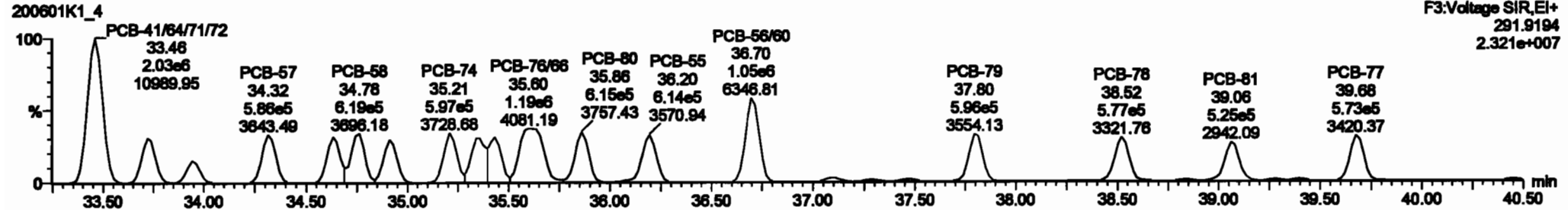
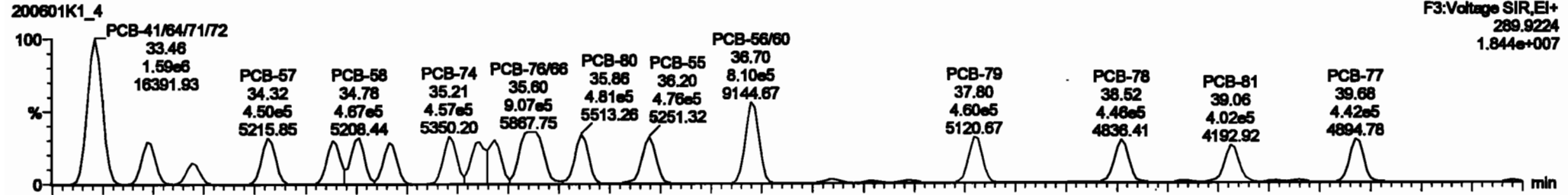
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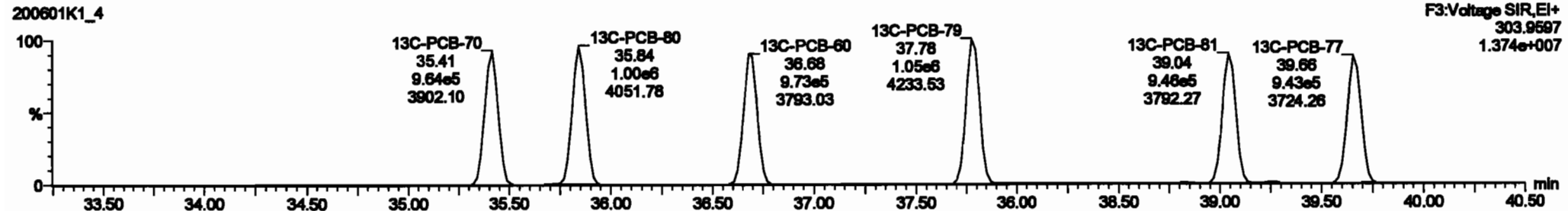
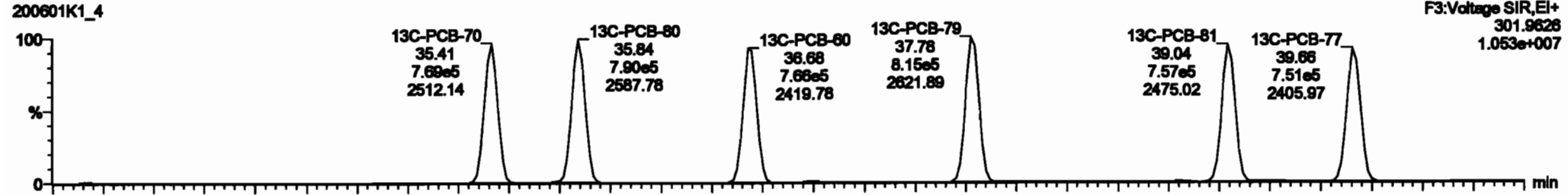
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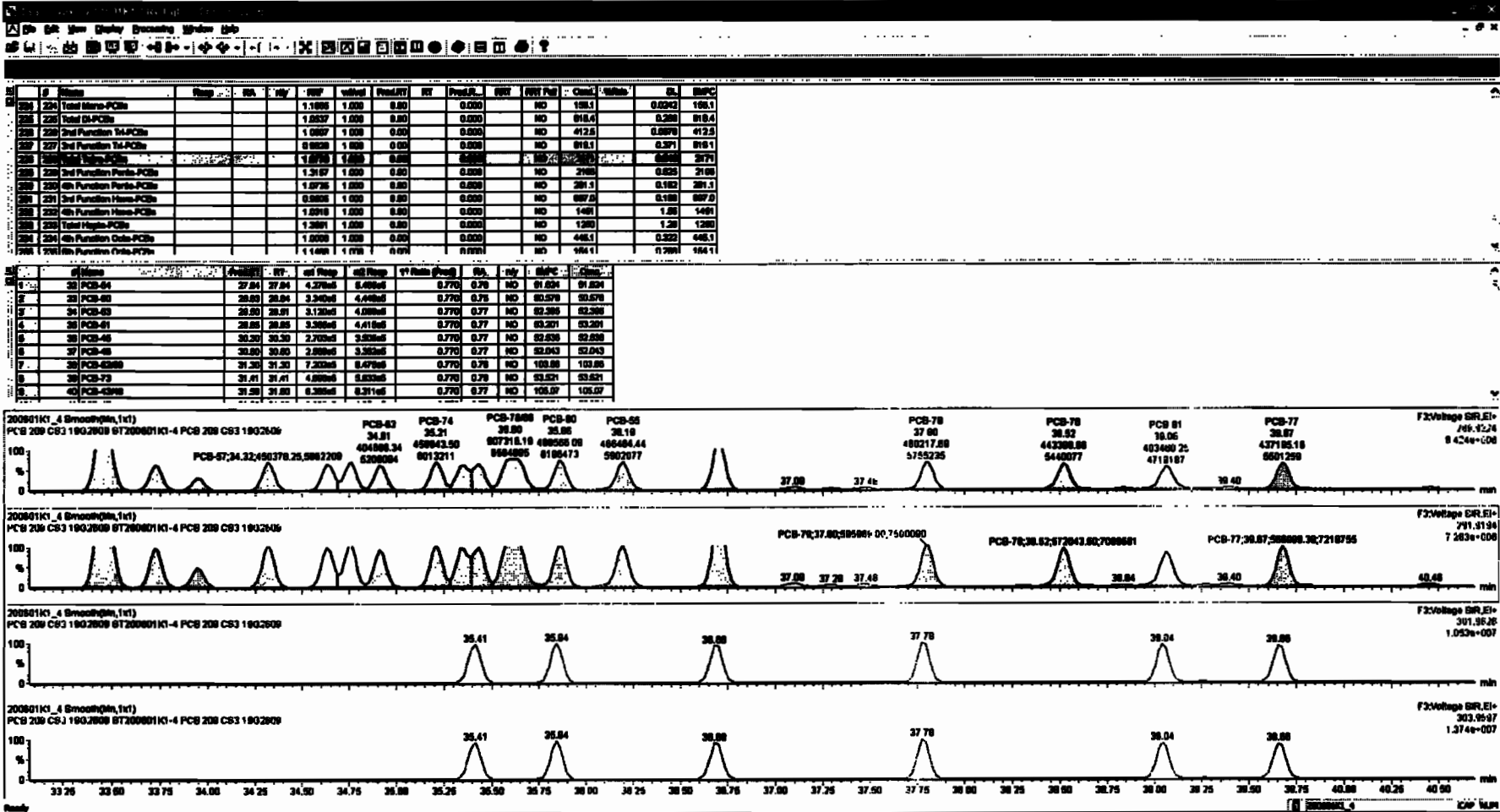
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PCB-68



13C-PCB-60





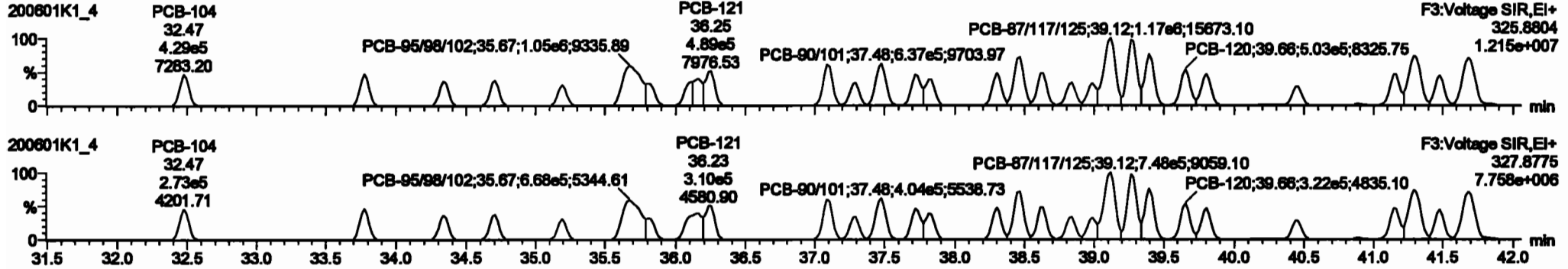
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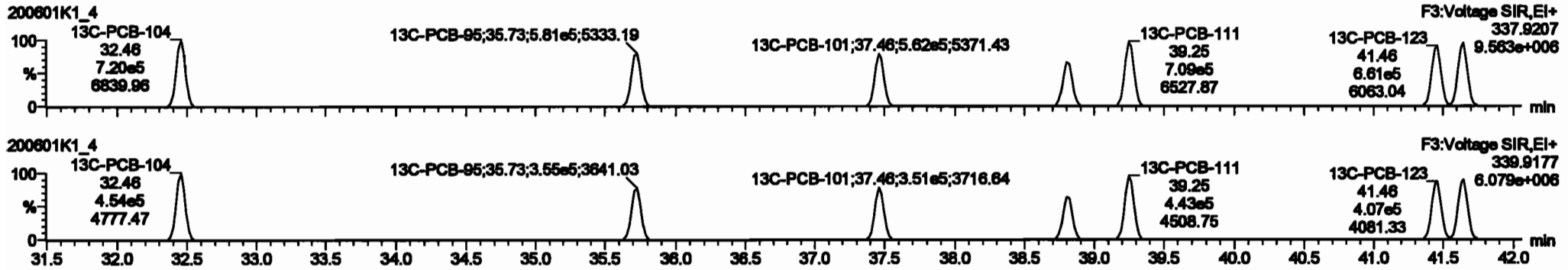
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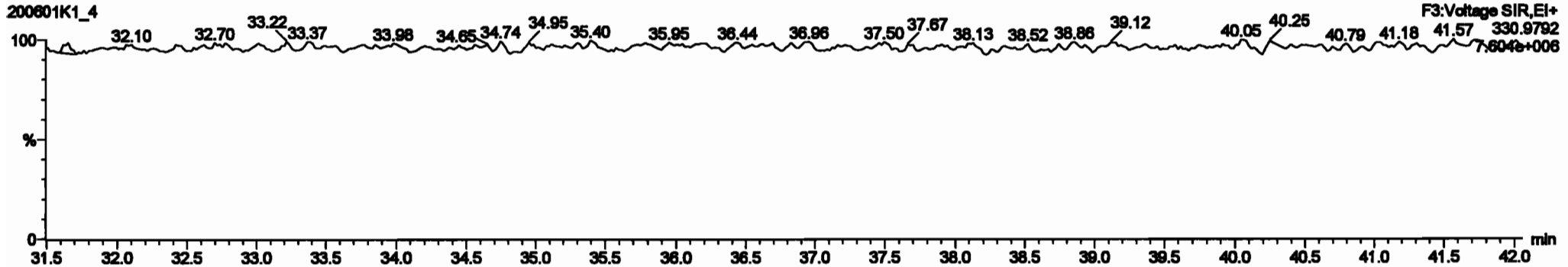
**PCB-104**



**13C-PCB-104**



**PFK3b**





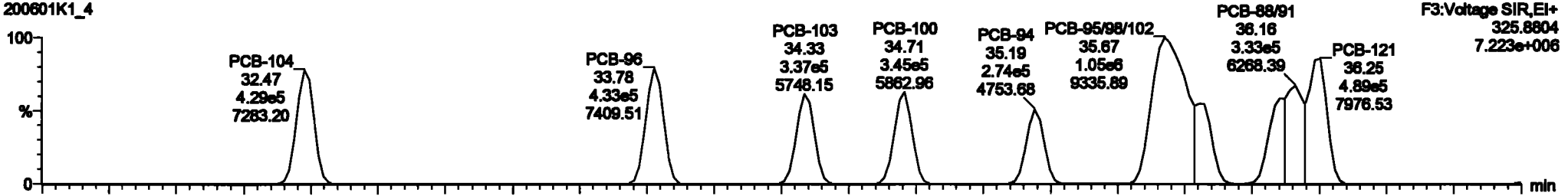
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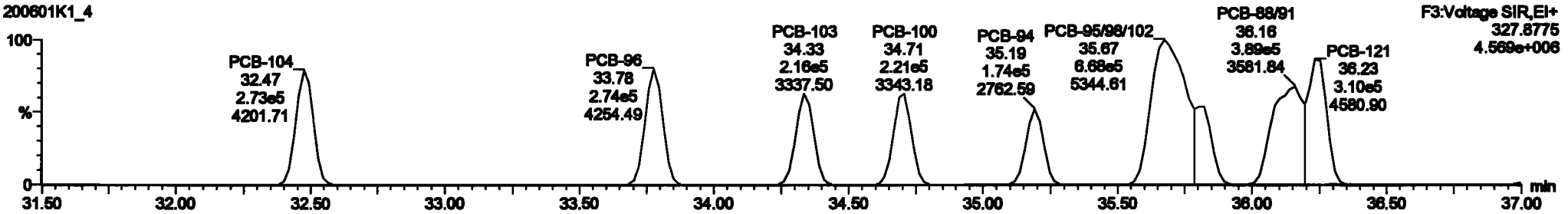
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PCB-96

200601K1\_4

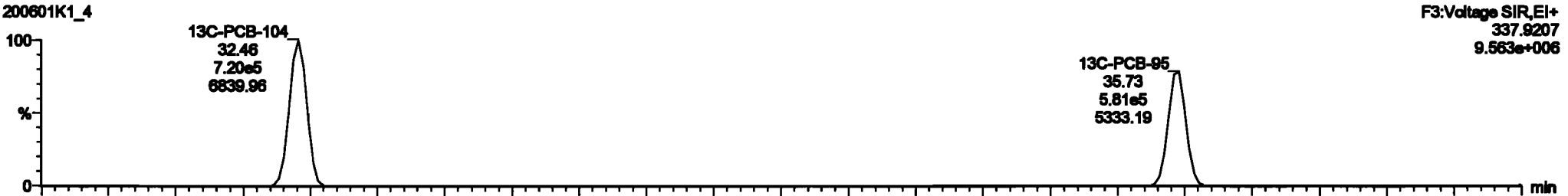


200601K1\_4

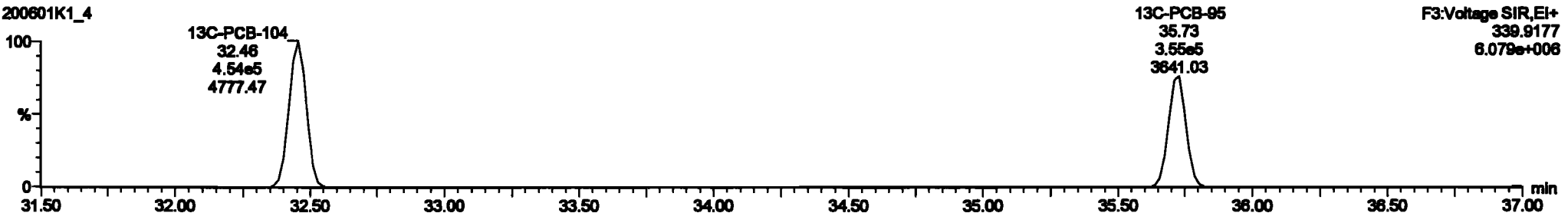


13C-PCB-95

200601K1\_4

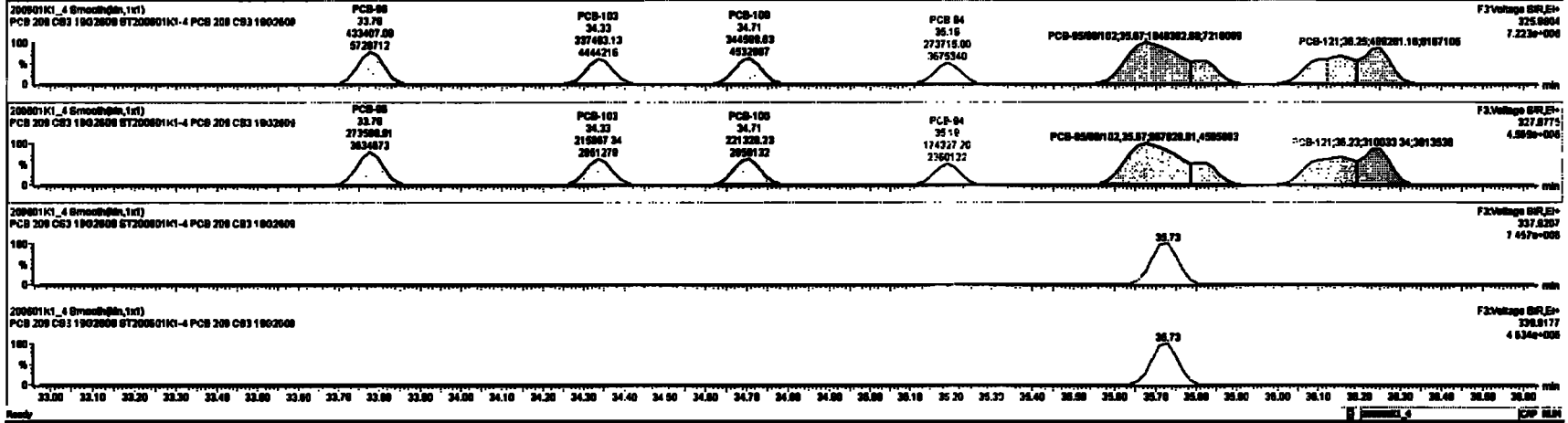


200601K1\_4



#	Category	Wgt	Vol	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol
224	Total Micro-PCBs				1.000	1.000	0.00	0.000	NO	100.1	0.0242	100.1						
225	Total BLPCBs				1.000	1.000	0.00	0.000	NO	018.4	0.200	018.4						
226	Total Paraform TM-PCBs				1.000	1.000	0.00	0.000	NO	412.0	0.000	412.0						
227	Total Paraform TM-PCBs				0.000	1.000	0.00	0.000	NO	018.1	0.00	018.1						
228	Total Value-PCBs				1.000	1.000	0.00	0.000	NO	2171	0.00	2171						
229	Total Value-PCBs				1.000	1.000	0.00	0.000	NO	1.00	0.00	1.00						
230	4th Paraform Para-PCBs				1.000	1.000	0.00	0.000	NO	001.1	0.100	001.1						
231	3rd Paraform Para-PCBs				1.000	1.000	0.00	0.000	NO	007.0	0.100	007.0						
232	2nd Paraform Para-PCBs				1.000	1.000	0.00	0.000	NO	140	1.00	140						
233	1st Paraform Para-PCBs				1.000	1.000	0.00	0.000	NO	1200	1.20	1200						
234	Total High-PCBs				1.000	1.000	0.00	0.000	NO	445.1	0.00	445.1						
235	4th Paraform Chn-PCBs				1.000	1.000	0.00	0.000	NO	004.1	0.00	004.1						
236	3rd Paraform Chn-PCBs				1.000	1.000	0.00	0.000	NO	004.1	0.00	004.1						

#	Category	Wgt	Vol	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol	Wgt	Vol
64	PCB-104				32.47	32.47	4.20e6	2.72e6	1.000	1.07	NO	00.204	00.204					
65	PCB-08				33.70	33.70	4.20e6	2.72e6	1.000	1.00	NO	00.100	00.100					
66	PCB-103				34.20	34.20	3.20e6	2.10e6	1.000	1.00	NO	00.200	00.200					
67	PCB-100				34.00	34.71	3.40e6	2.30e6	1.000	1.00	NO	00.010	00.010					
68	PCB-04				35.20	35.10	2.70e6	1.70e6	1.000	1.07	NO	00.000	00.000					
69	PCB-05000102				35.00	35.07	1.00e6	0.60e6	1.000	1.07	NO	100.00	100.00					
70	PCB-03				35.01	35.01	2.00e6	1.70e6	1.000	1.00	NO	00.000	00.000					
71	PCB-0000				35.10	35.10	0.00e6	0.00e6	1.000	1.00	NO	100.00	100.00					
72	PCB-121				35.20	35.20	4.00e6	3.00e6	1.000	1.00	NO	00.000	00.000					



Dataset: Untitled

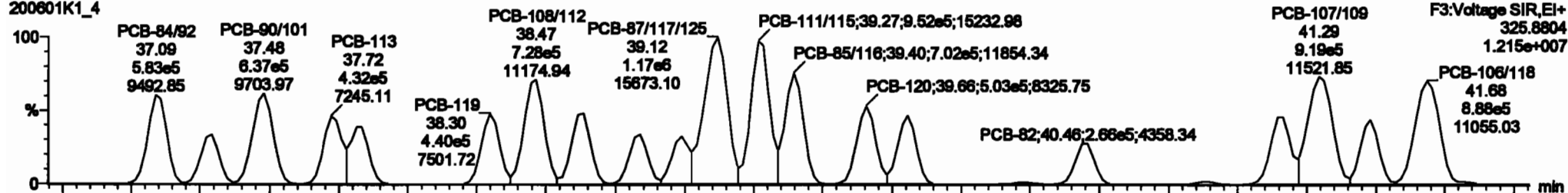
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

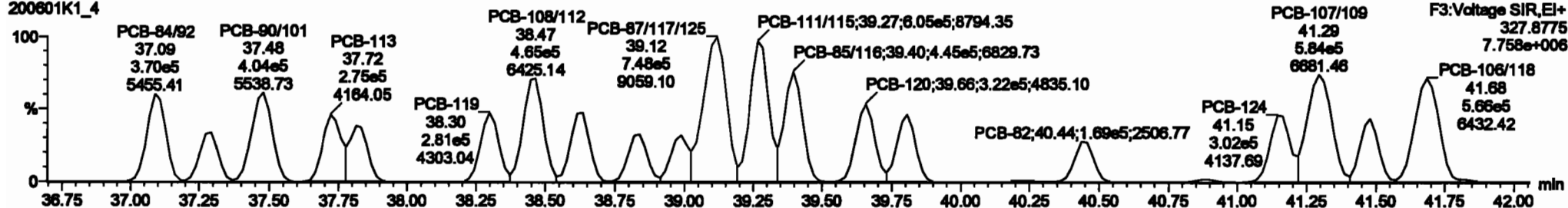
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PCB-119

200601K1\_4

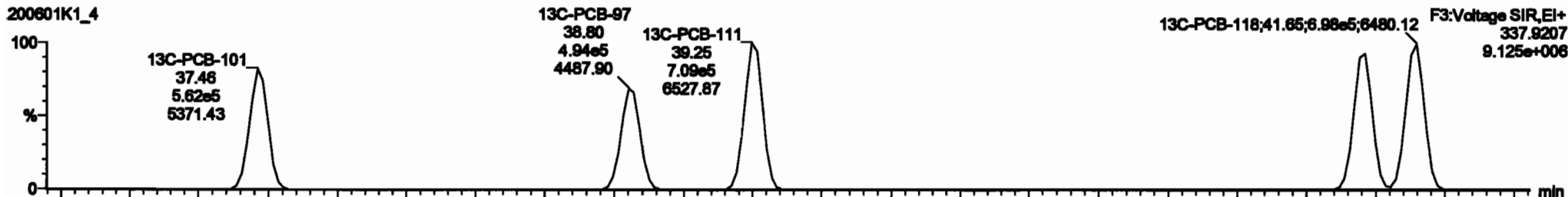


200601K1\_4

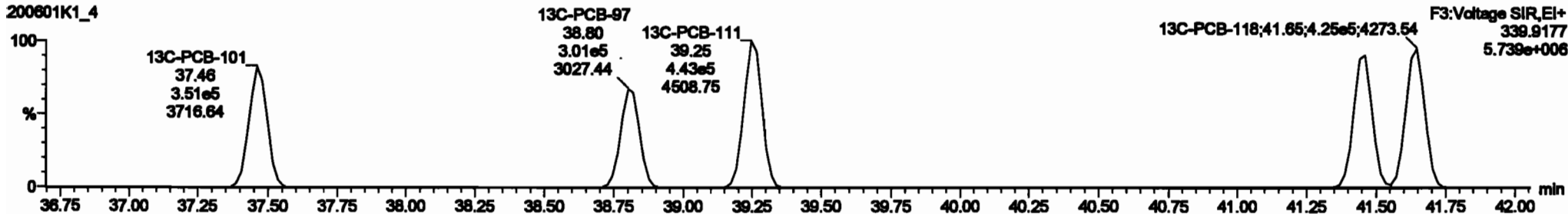


13C-PCB-111

200601K1\_4



200601K1\_4



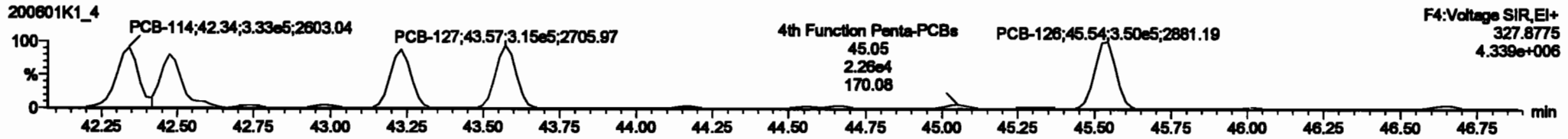
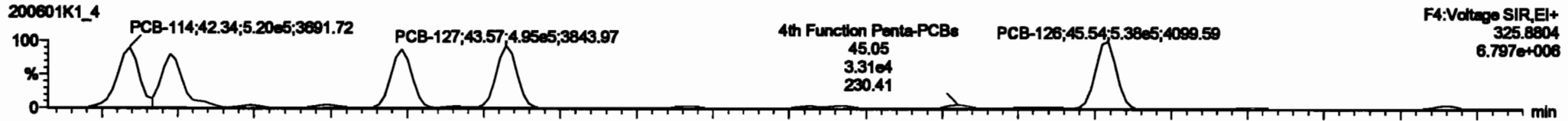


Dataset: Untitled

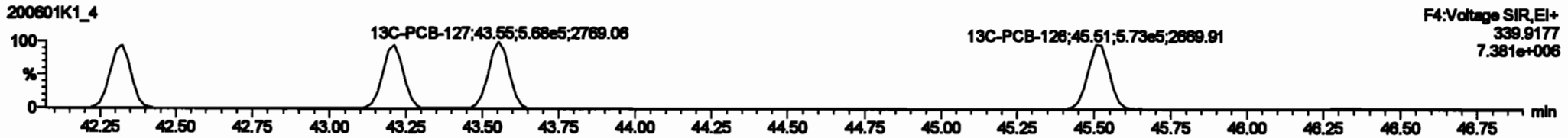
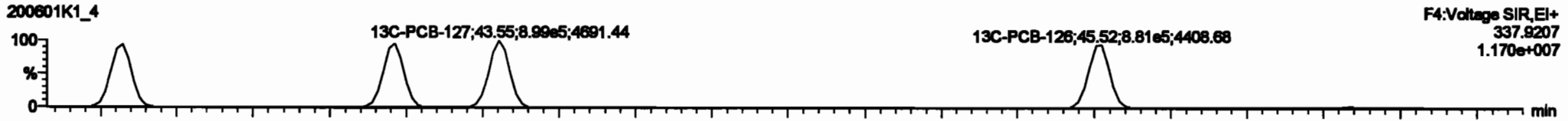
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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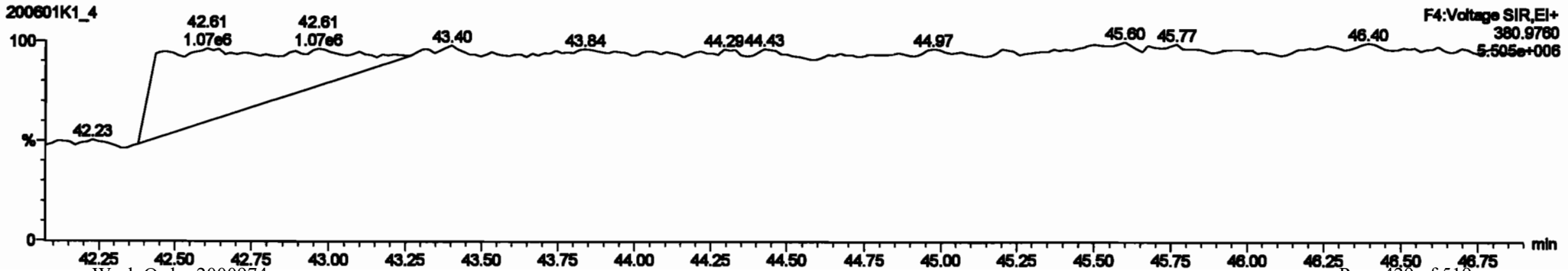
**PCB-114**



**13C-PCB-114**



**PFK4a**





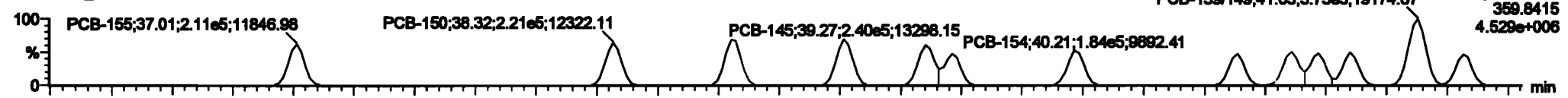
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

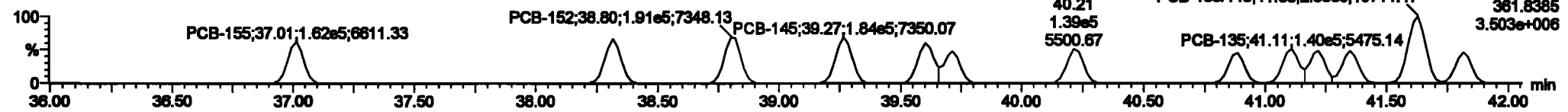
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PCB-155

200601K1\_4

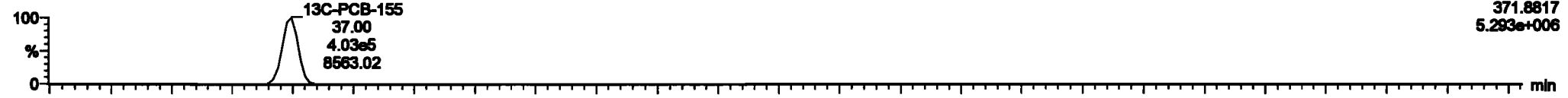


200601K1\_4

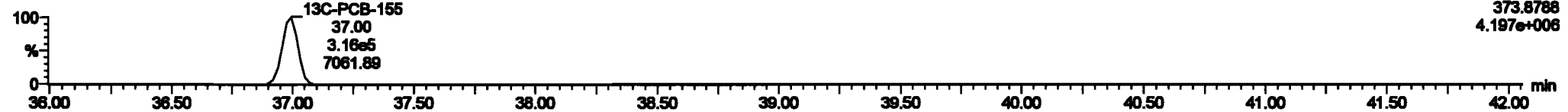


13C-PCB-155

200601K1\_4

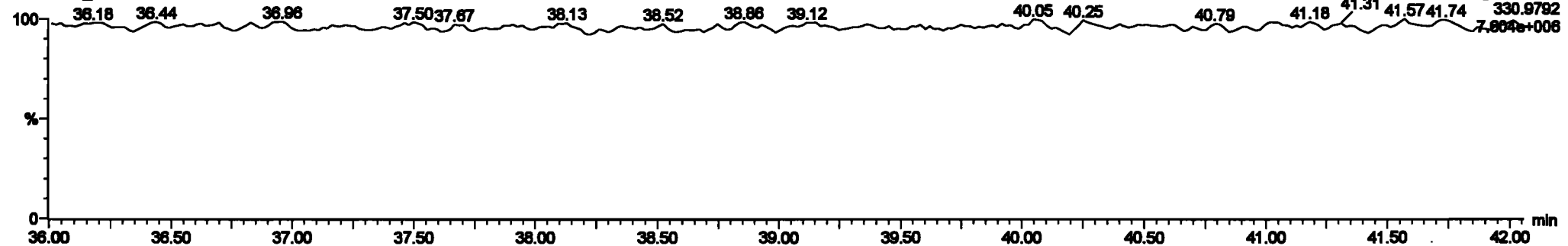


200601K1\_4



PFK3c

200601K1\_4

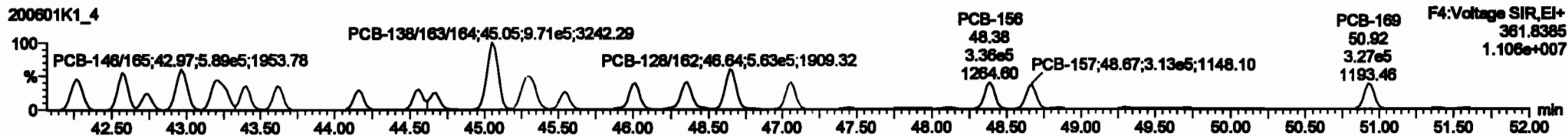
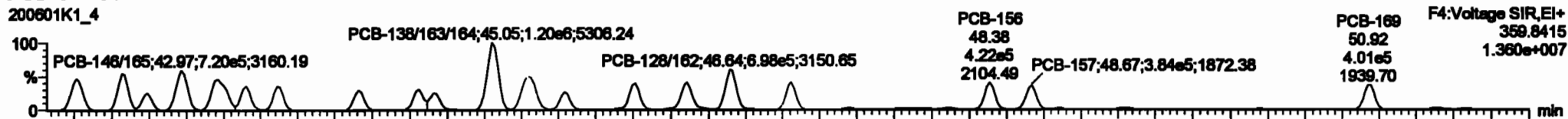


Dataset: Untitled

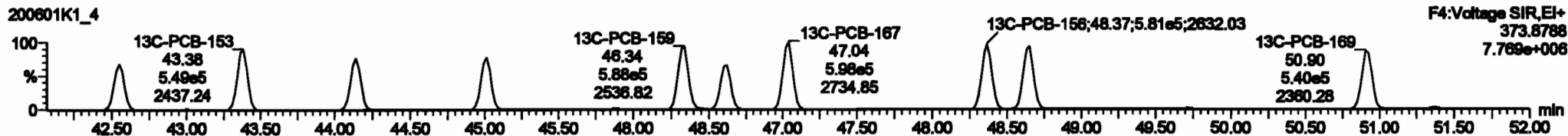
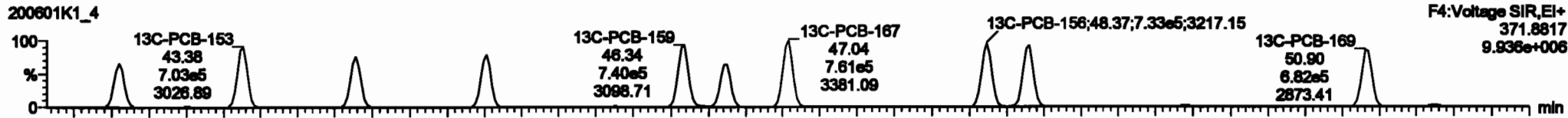
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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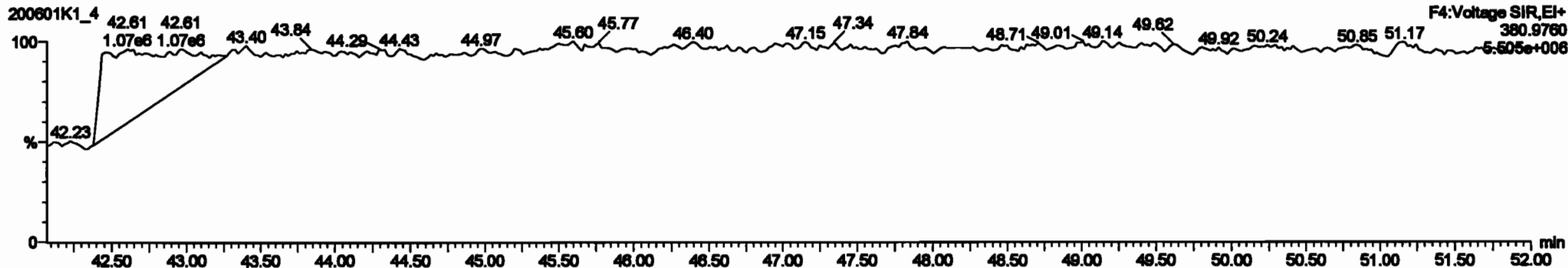
PCB-134/143



13C-PCB-153



PFK4b





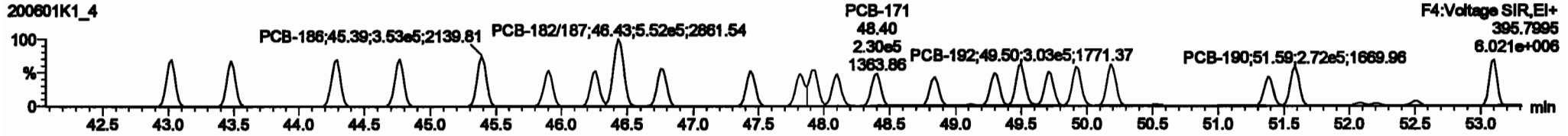
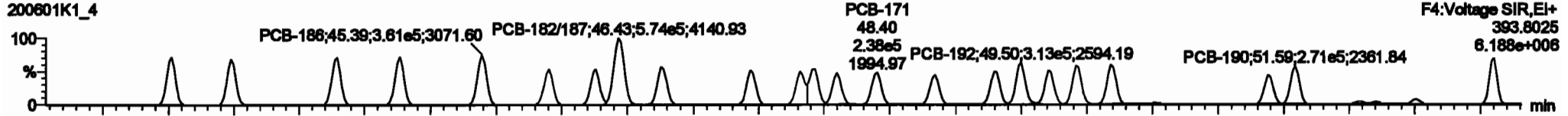


Dataset: Untitled

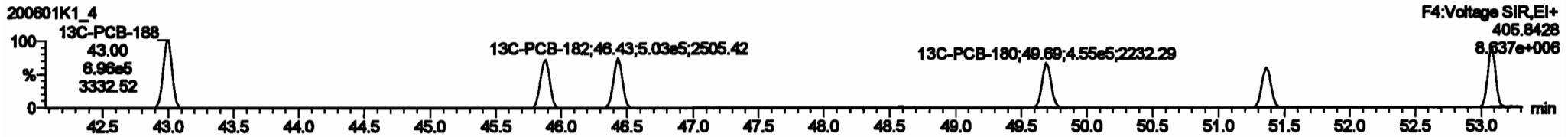
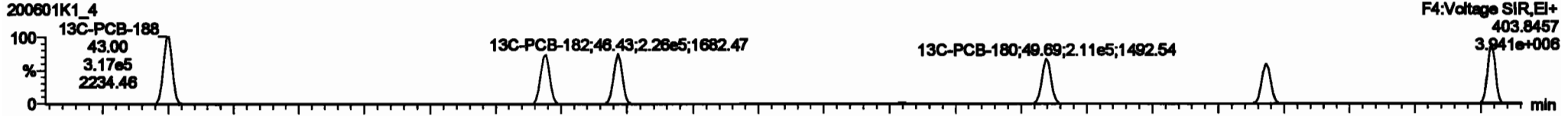
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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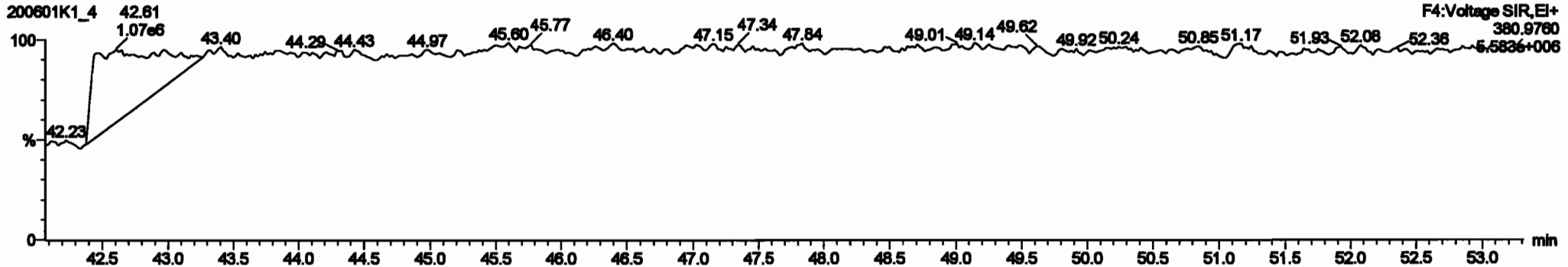
**PCB-188**



**13C-PCB-188**



**PFK4c**



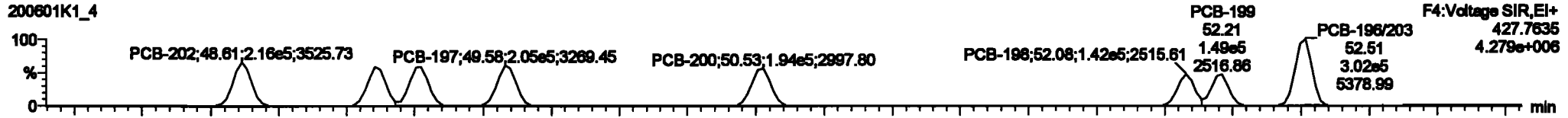
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

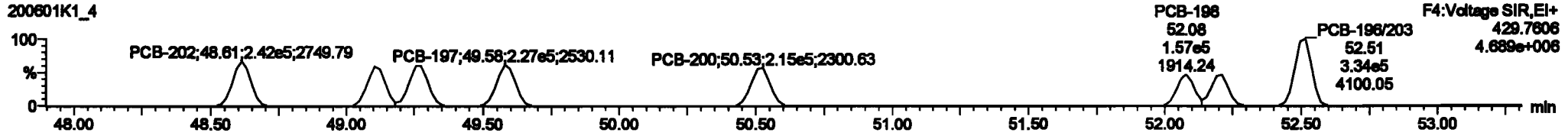
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**PCB-202**

200601K1\_4

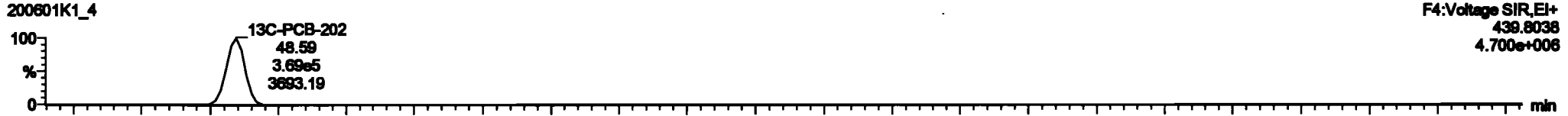


200601K1\_4

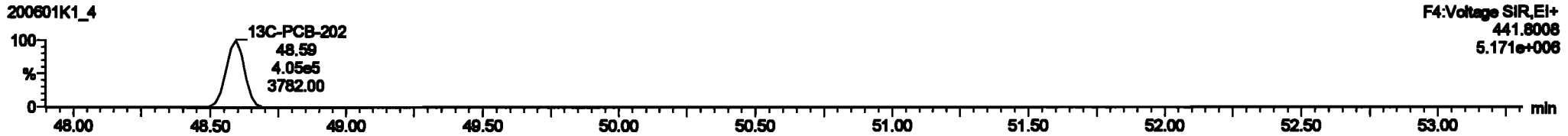


**13C-PCB-202**

200601K1\_4

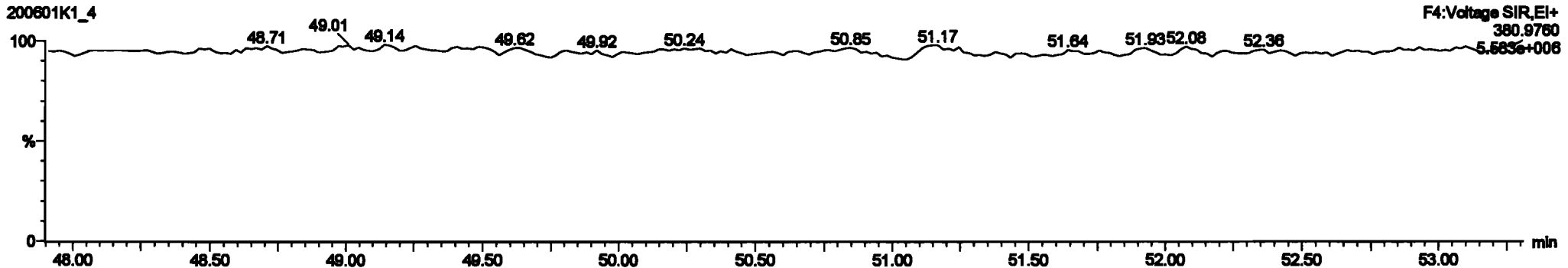


200601K1\_4



**PFK4d**

200601K1\_4



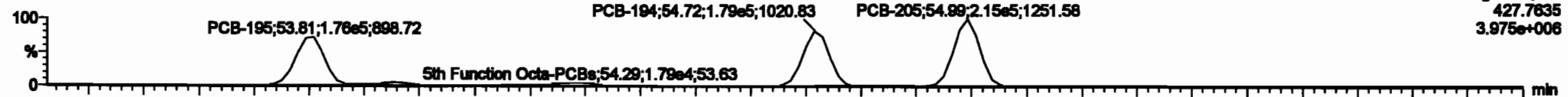
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

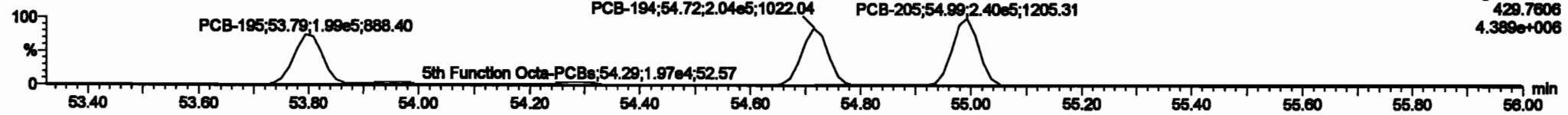
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PCB-195

200601K1\_4

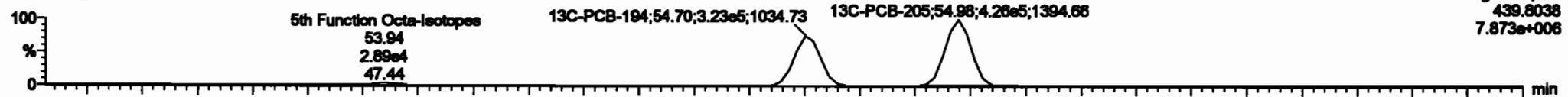


200601K1\_4

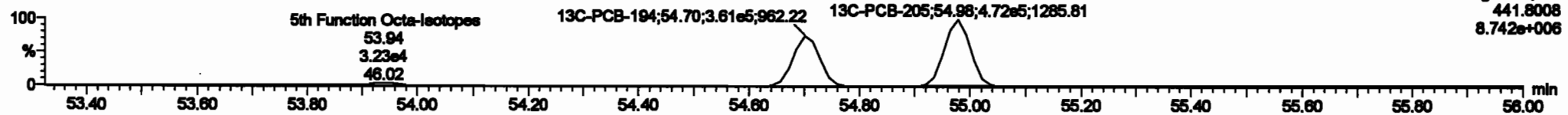


13C-PCB-194

200601K1\_4

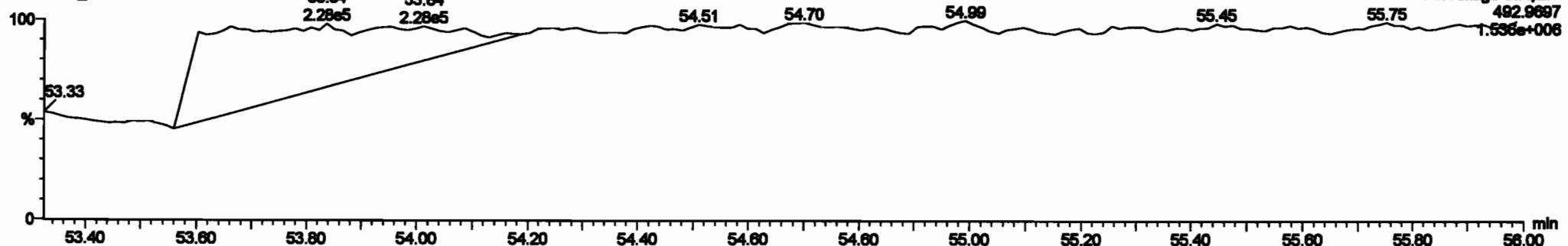


200601K1\_4



PFK5a

200601K1\_4



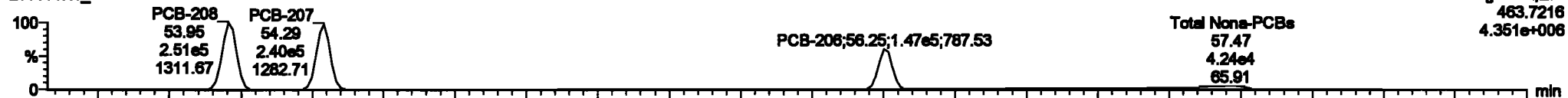
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

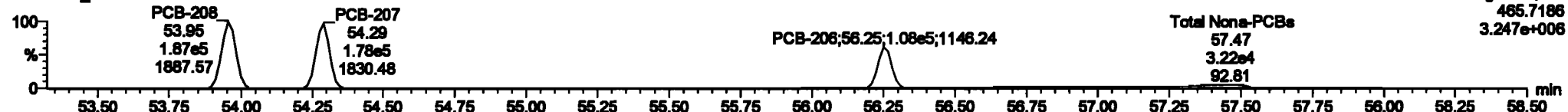
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**PCB-208**

200601K1\_4

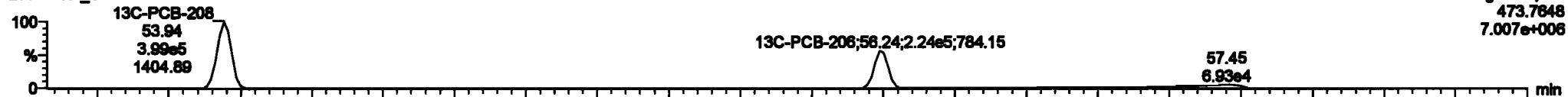


200601K1\_4

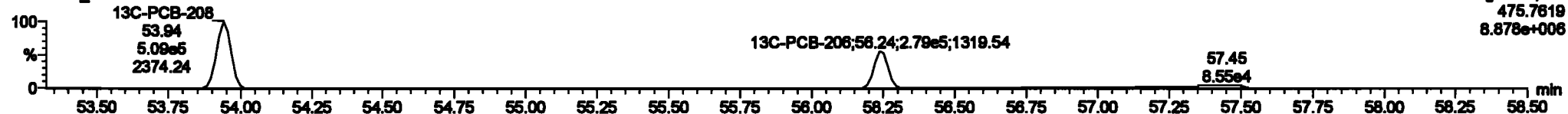


**13C-PCB-208**

200601K1\_4

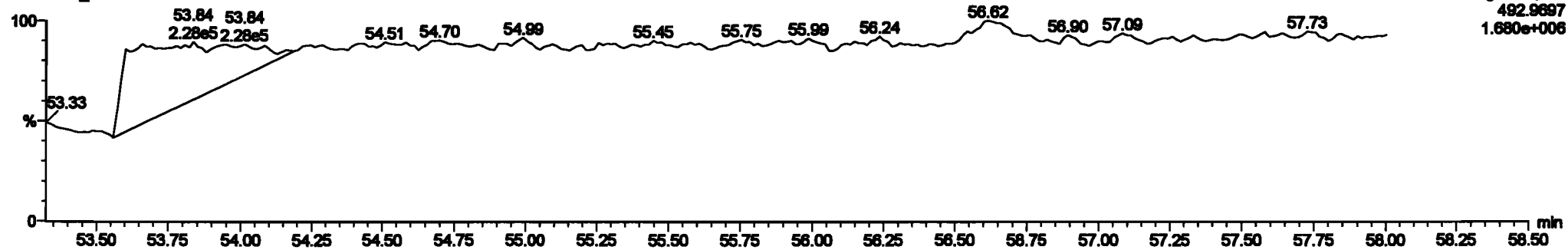


200601K1\_4



**PFK5**

200601K1\_4



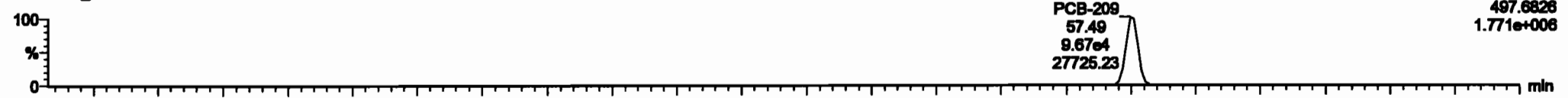
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

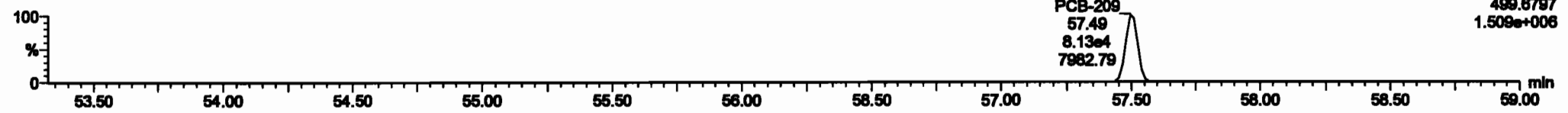
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**PCB-209**

200601K1\_4

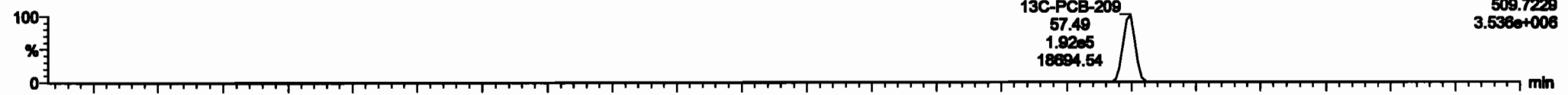


200601K1\_4

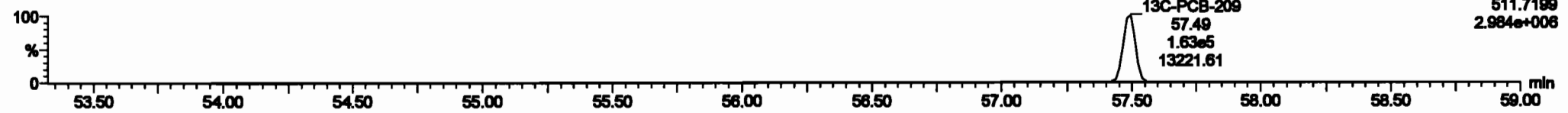


**13C-PCB-209**

200601K1\_4

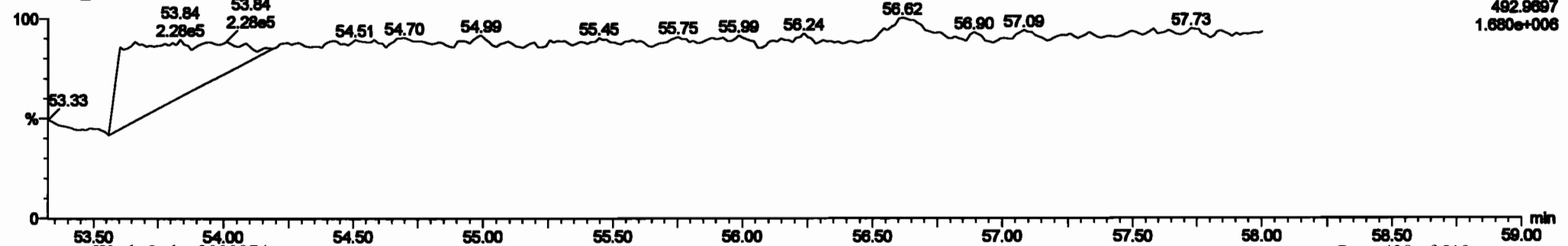


200601K1\_4



**PFK5b**

200601K1\_4



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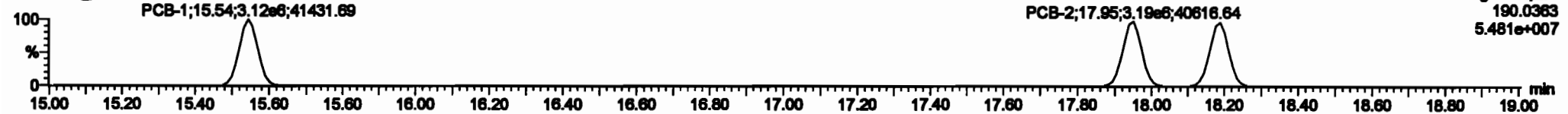
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PCB-1

200601K1\_5

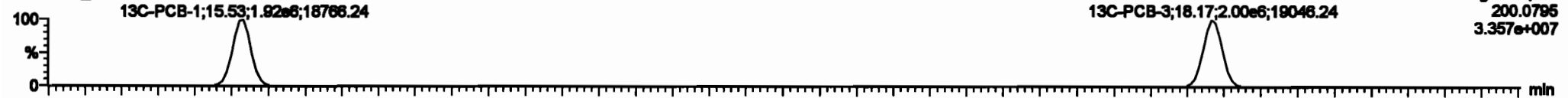


200601K1\_5

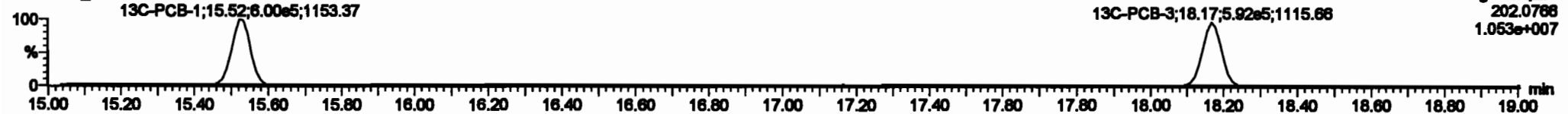


13C-PCB-1

200601K1\_5

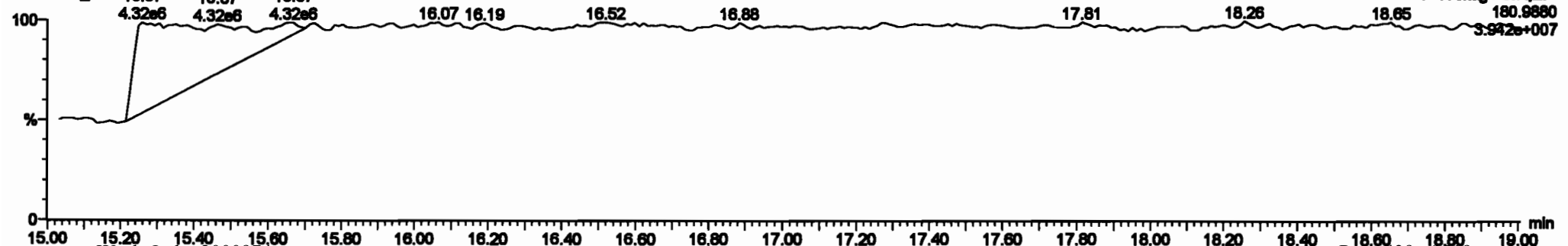


200601K1\_5



PFK1

200601K1\_5

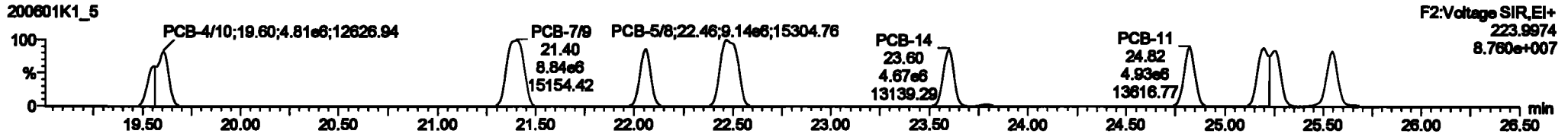
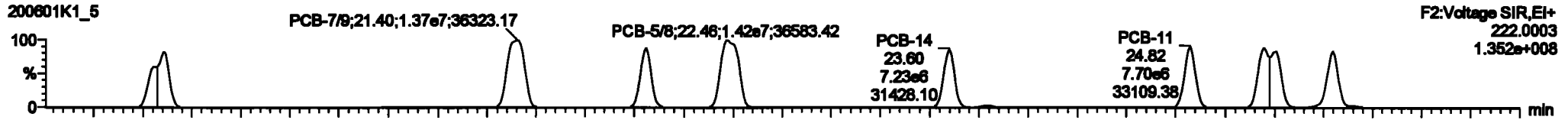


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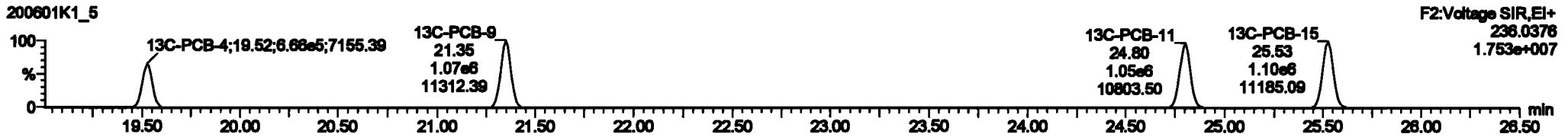
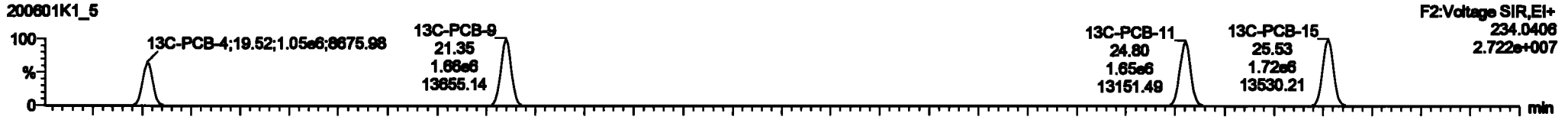
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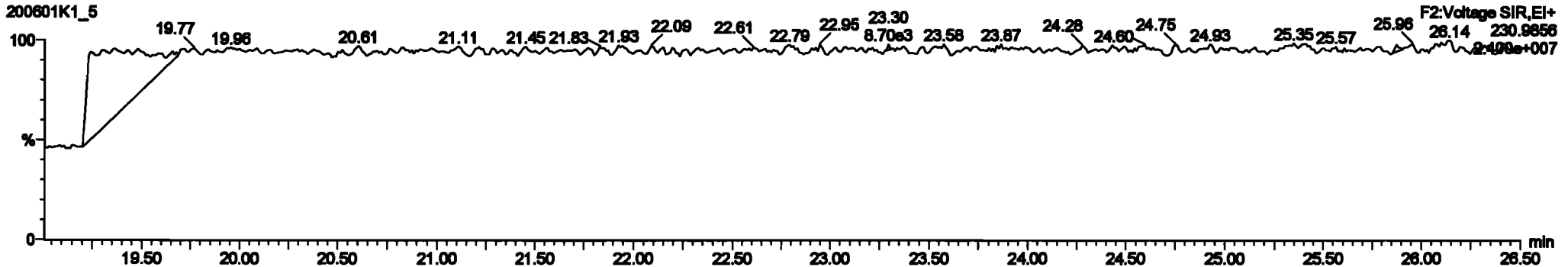
PCB-4/10



13C-PCB-4



PFK2a





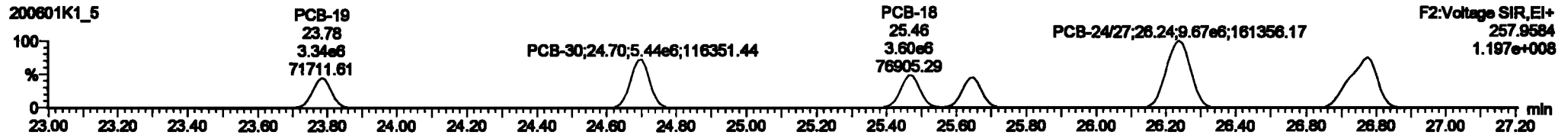


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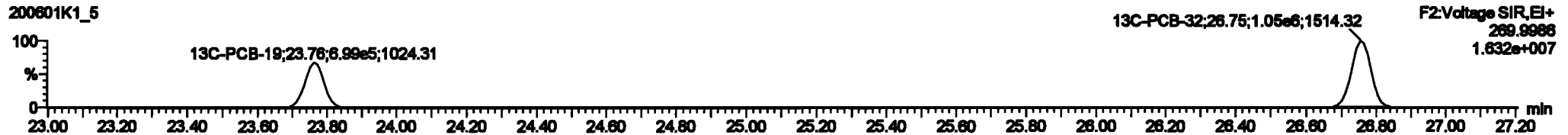
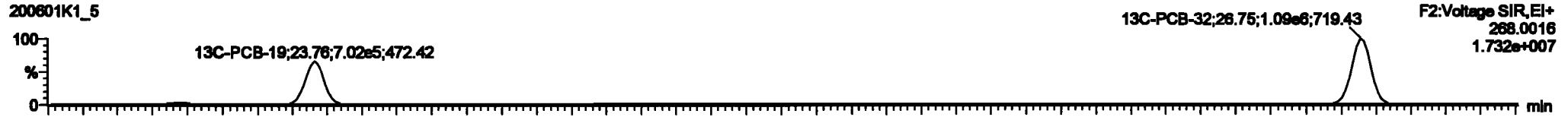
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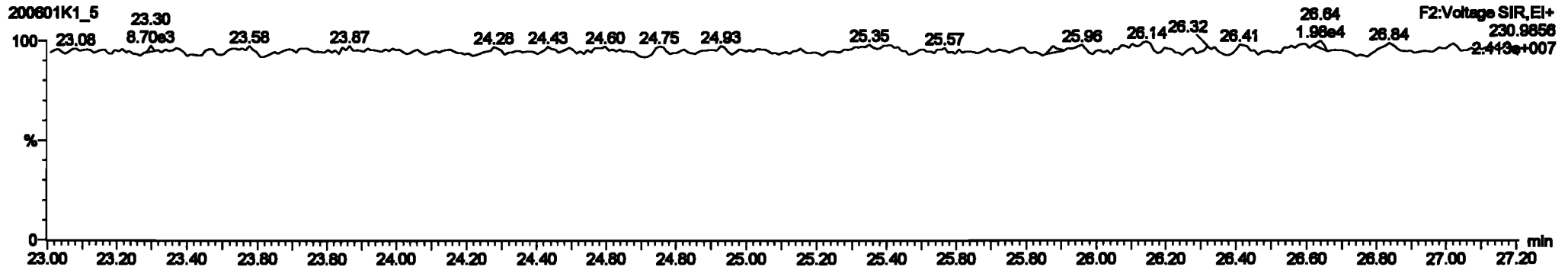
**PCB-19**



**13C-PCB-19**



**PFK2b**

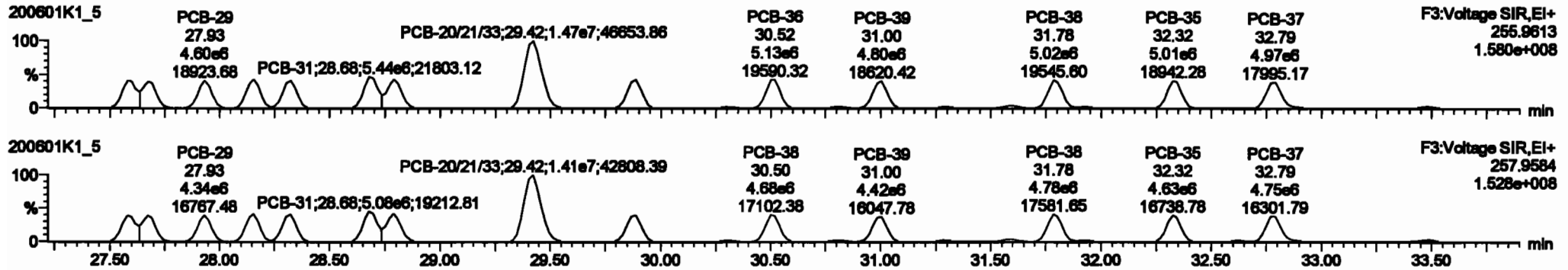


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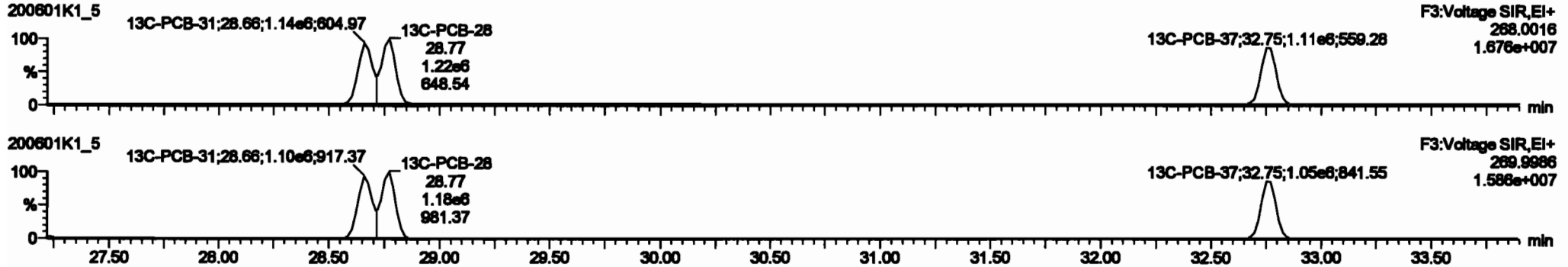
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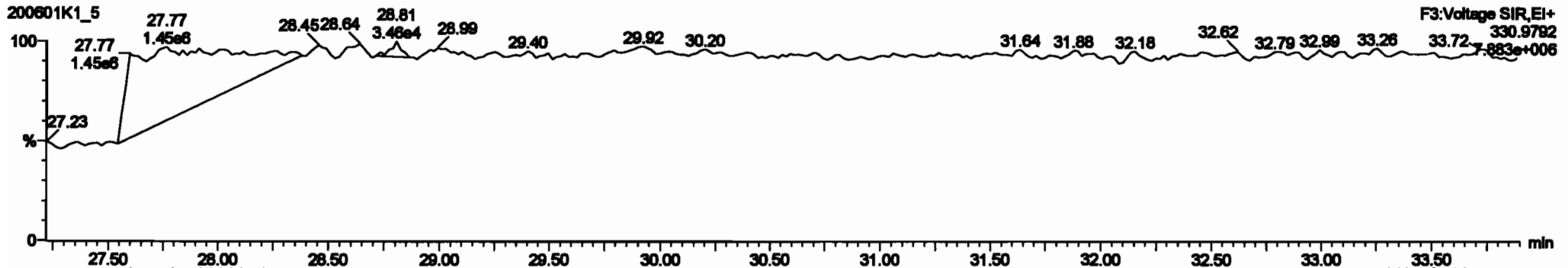
**PCB-34**



**13C-PCB-28**

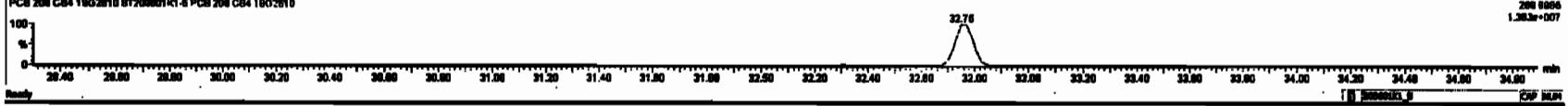
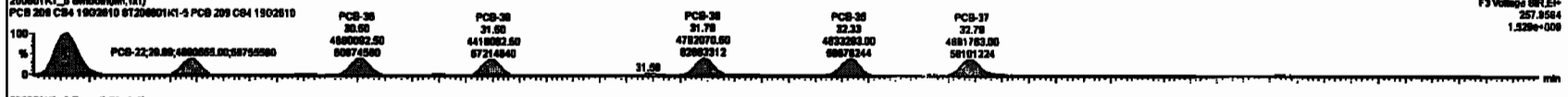
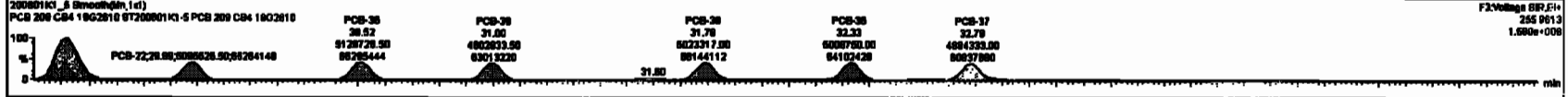


**PFK3d**



Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
220	13C-PCB-78	1.89e6	0.79	NO	1.0021	1.000	37.76	37.76	0.000
226	13C-PCB-178	7.89e6	0.61	NO	1.0050	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				1.2627	1.000	0.00	0.000	NO
228	Total Tri-PCBs				1.2607	1.000	0.00	0.000	NO
228	Total Tetra-PCBs				1.2773	1.000	0.00	0.000	NO
228	2nd-Function Penta-PCBs				1.2127	1.000	0.00	0.000	NO
230	4th-Function Penta-PCBs				1.2726	1.000	0.00	0.000	NO
230	3rd-Function Hexa-PCBs				0.6082	1.000	0.00	0.000	NO
232	4th-Function Hexa-PCBs				1.0916	1.000	0.00	0.000	NO
230	Total Hepta-PCBs				1.2001	1.000	0.00	0.000	NO

Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
28	PCB-28	27.89	27.89	4.639e6	4.639e6	1.000	1.00	NO	417.53
18	PCB-18	27.89	27.89	4.639e6	4.639e6	1.000	1.00	NO	418.77
20	PCB-20	27.89	27.89	4.639e6	4.639e6	1.000	1.00	NO	417.81
21	PCB-21	28.10	28.10	4.639e6	4.639e6	1.000	1.00	NO	423.78
22	PCB-22	28.31	28.32	4.799e6	4.819e6	1.000	1.04	NO	412.77
23	PCB-23	28.80	28.80	5.491e6	5.579e6	1.000	1.00	NO	423.07
24	PCB-24	28.79	28.79	5.399e6	5.699e6	1.000	1.00	NO	423.80
26	PCB-20(21)20	28.43	28.43	1.472e7	1.487e7	1.000	1.00	NO	1276.0
28	PCB-28	28.87	28.88	6.089e6	4.891e6	1.000	1.00	NO	418.35

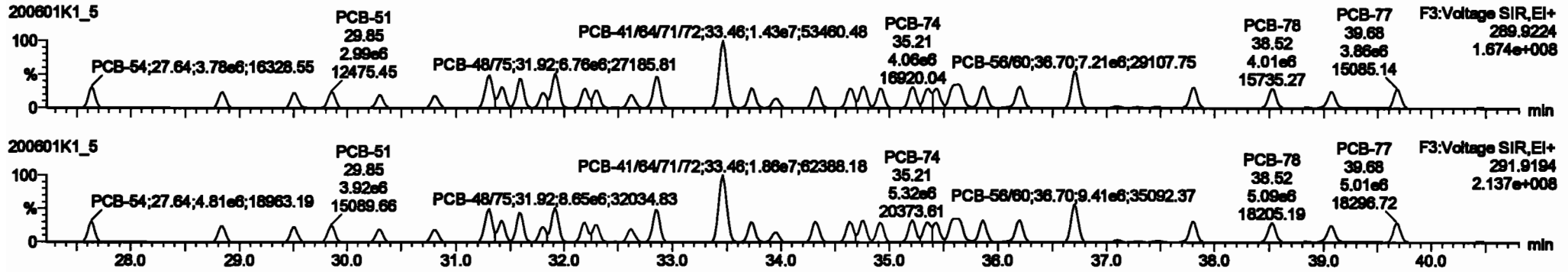


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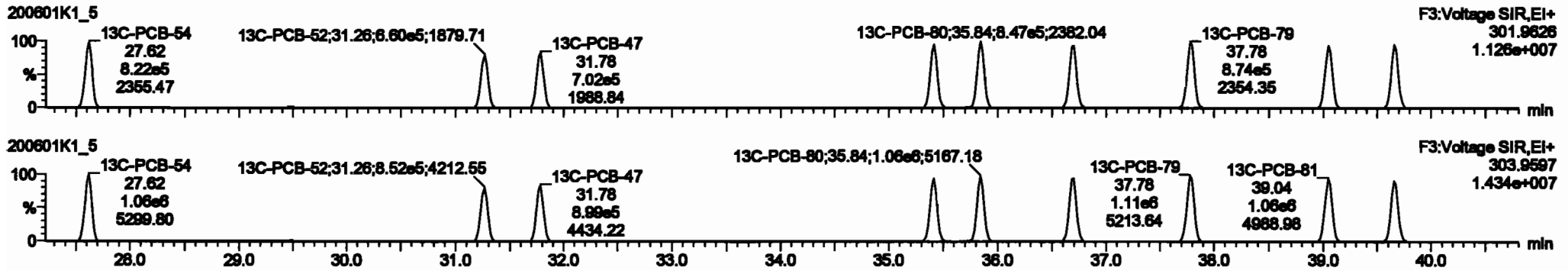
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

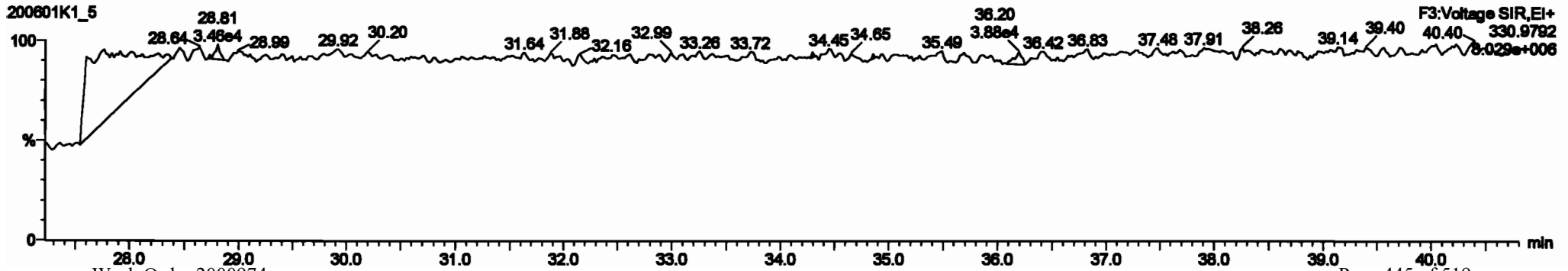
**PCB-54**



**13C-PCB-54**



**PFK3a**



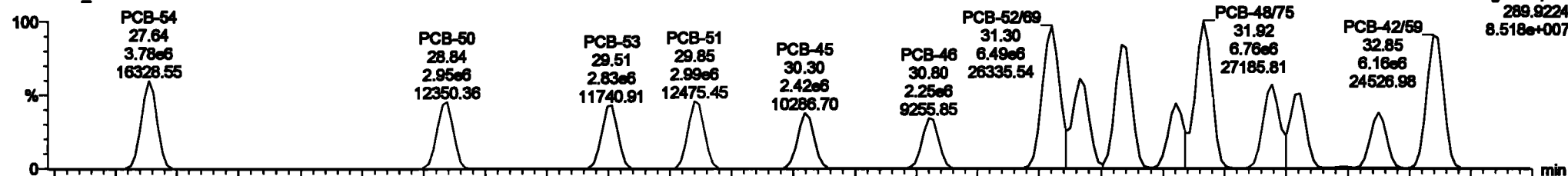
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

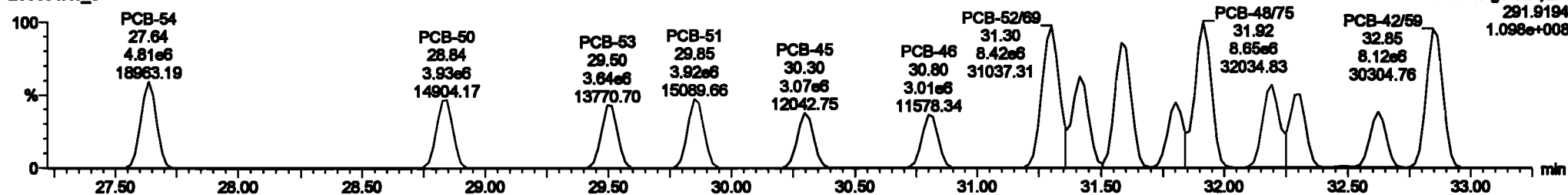
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PCB-50

200601K1\_5



200601K1\_5

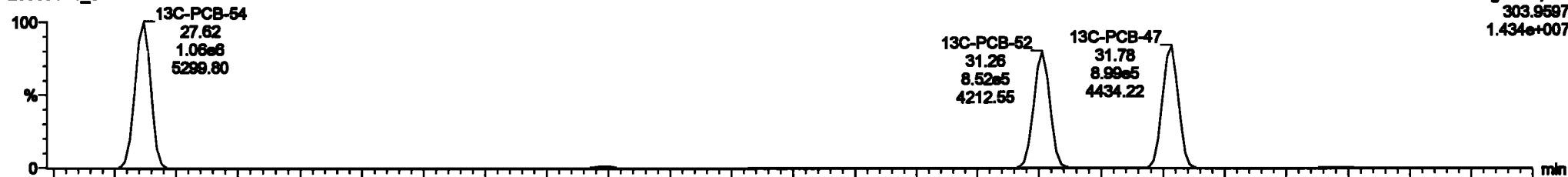


13C-PCB-52

200601K1\_5



200601K1\_5

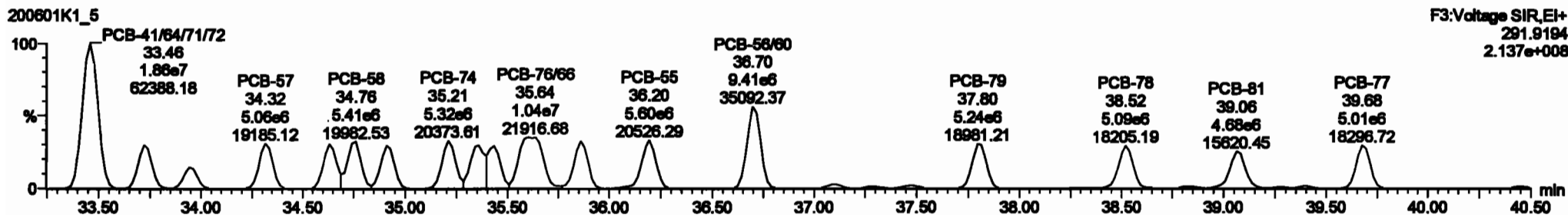
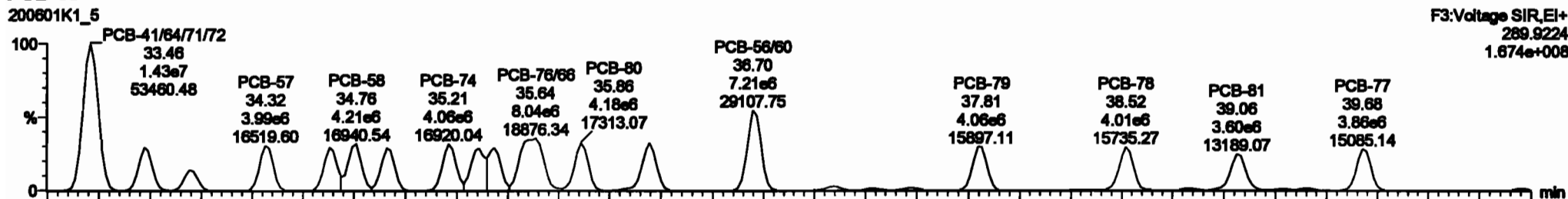


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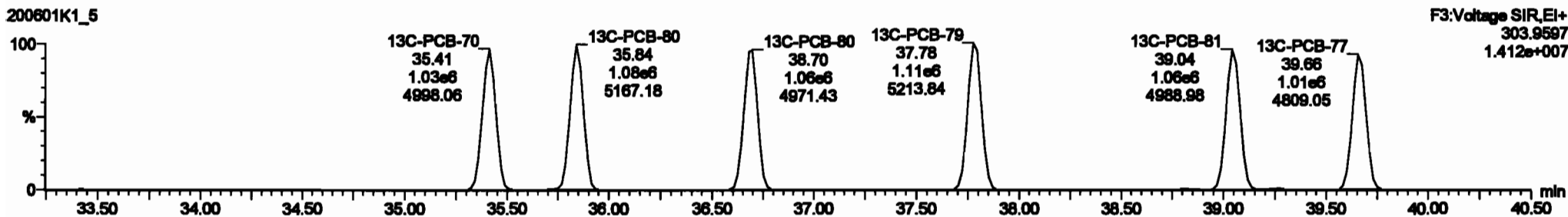
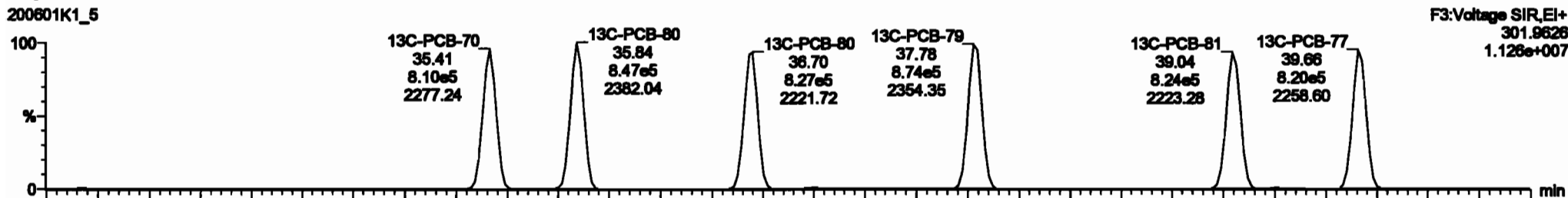
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-68

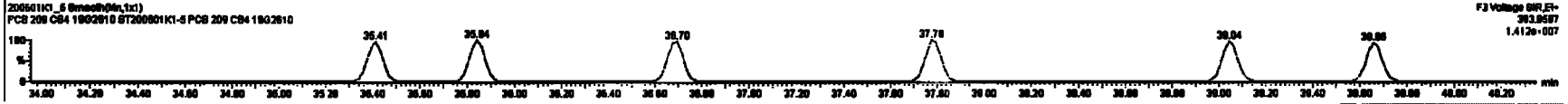
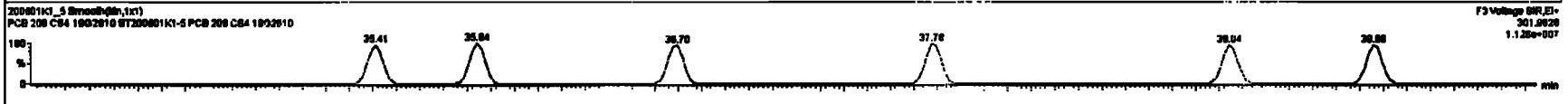
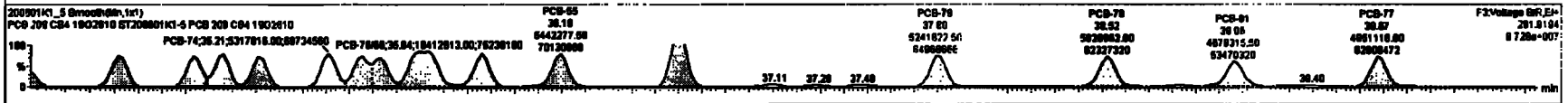
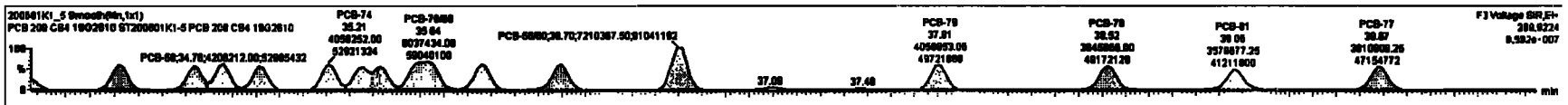


13C-PCB-60



#	Name	Range	Min	Max	FWHM	Peak	Area	Height	Width	Count	Rate	Unit	
222	13C-PCB-76	1.96e6	0.76	ND	1.0221	1.020	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	87.16	87.2	0.112
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	1280		0.0381
225	Total BI-PCBs				1.0007	1.000	0.00	0.000	0.000	ND	9120		0.248
226	2nd Function BI-PCBs				1.0007	1.000	0.00	0.000	0.000	ND	3487		0.110
227	2nd Function BI-PCBs				0.9999	1.000	0.00	0.000	0.000	ND	6774		0.880
228	2nd Function Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	17480		0.804
229	4th Function Mono-PCBs				1.0006	1.000	0.00	0.000	0.000	ND	2128		0.260
230	2nd Function Mono-PCBs				0.9999	1.000	0.00	0.000	0.000	ND	8976		0.403
231	2nd Function Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	12740		2.87
232	4th Function Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	12740		2.87
233	Total Mono-PCBs				1.0001	1.000	0.00	0.000	0.000	ND	4900		4.84

#	Name	Peak	Area	FWHM	Count	Rate	Unit
1	PCB-84	37.84	37.84	3.78e6	4.912e6	0.770	ND
2	PCB-84	38.80	38.84	2.88e6	3.87e6	0.770	ND
3	PCB-84	38.80	38.81	2.88e6	3.87e6	0.770	ND
4	PCB-84	38.80	38.85	2.88e6	3.87e6	0.770	ND
5	PCB-84	38.30	38.30	2.81e6	3.87e6	0.770	ND
6	PCB-84	38.80	38.80	2.88e6	3.81e6	0.770	ND
7	PCB-84	31.30	31.30	8.40e6	8.41e6	0.770	ND
8	PCB-76	37.41	37.41	4.95e6	6.30e6	0.770	ND
9	PCB-84	31.30	31.30	8.37e6	7.25e6	0.770	ND



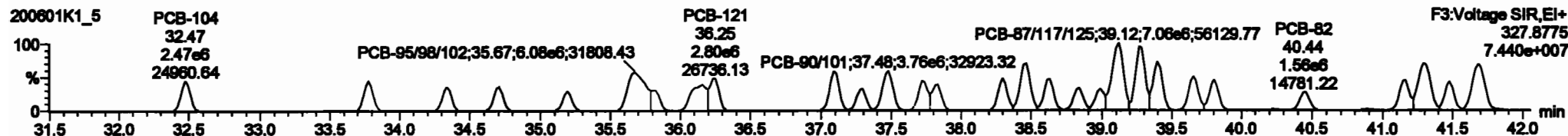
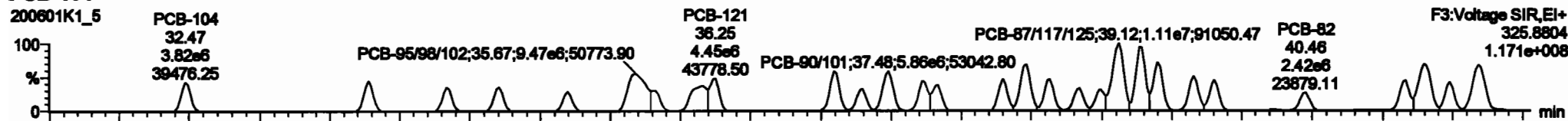


Dataset: Untitled

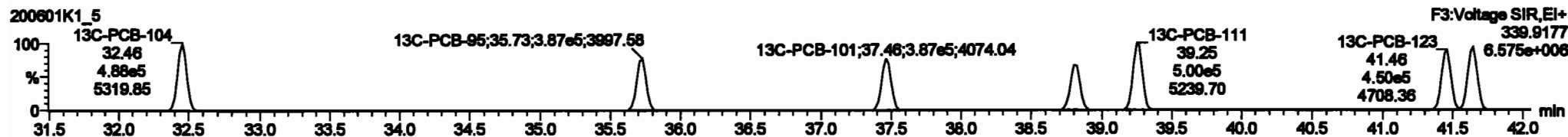
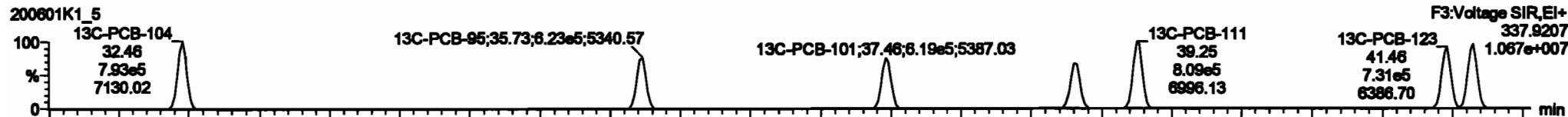
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

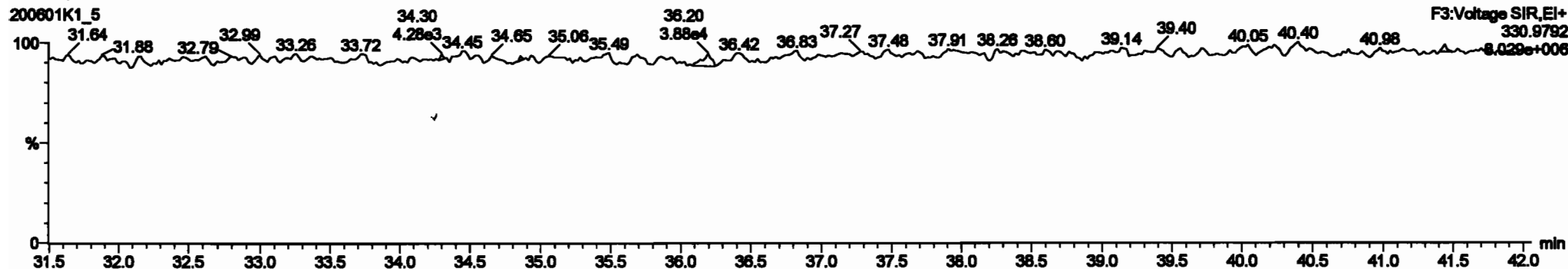
**PCB-104**



**13C-PCB-104**



**PFK3b**

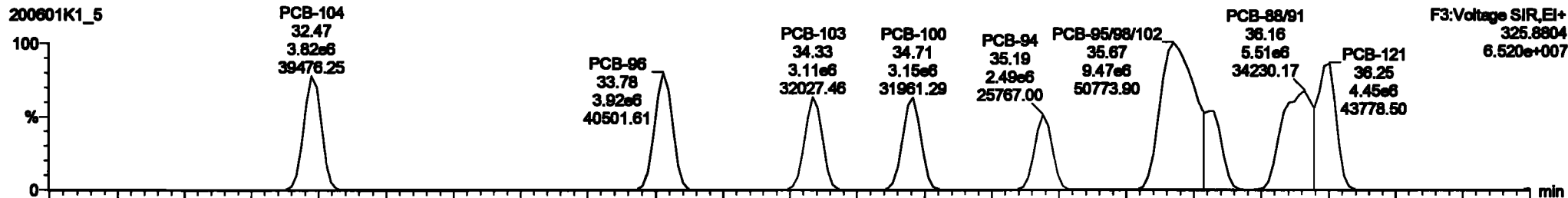


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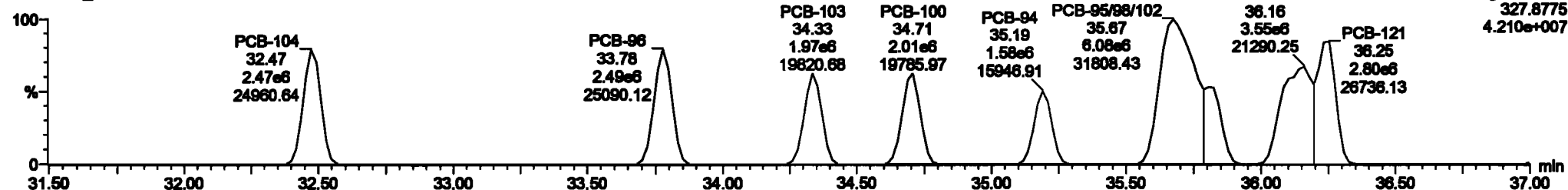
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

PCB-96



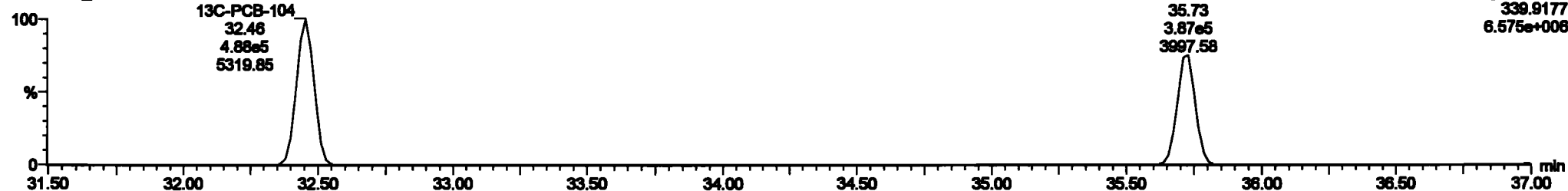
200601K1\_5



13C-PCB-95



200601K1\_5



Dataset: Untitled

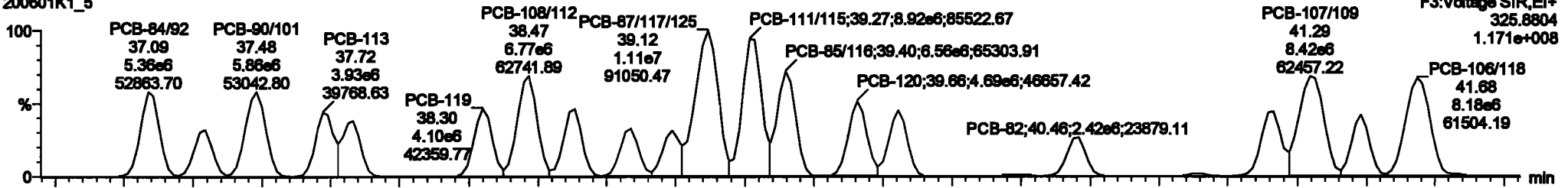
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

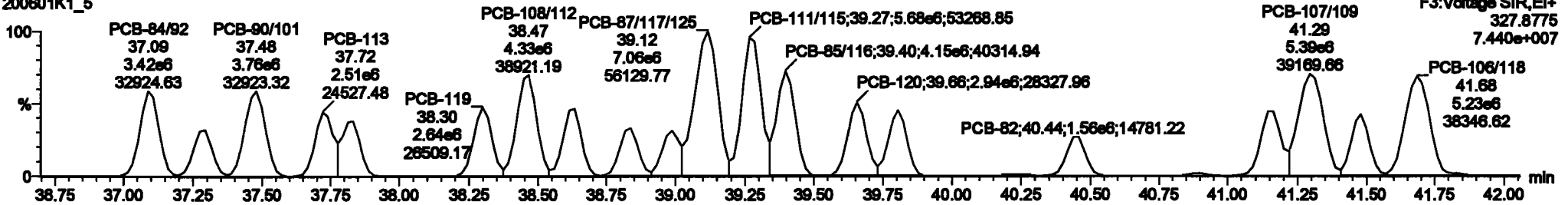
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PCB-119

200601K1\_5

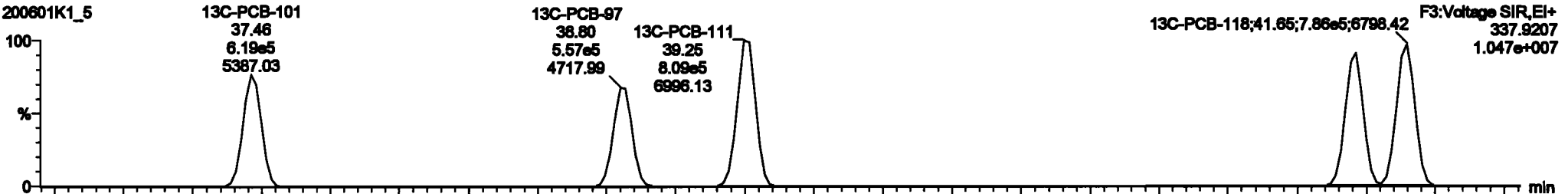


200601K1\_5

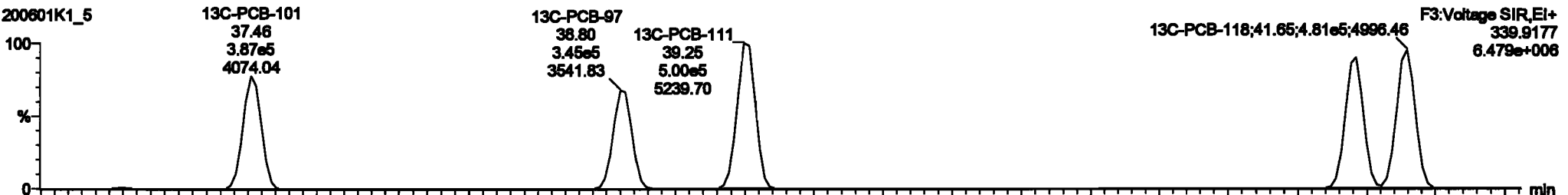


13C-PCB-111

200601K1\_5

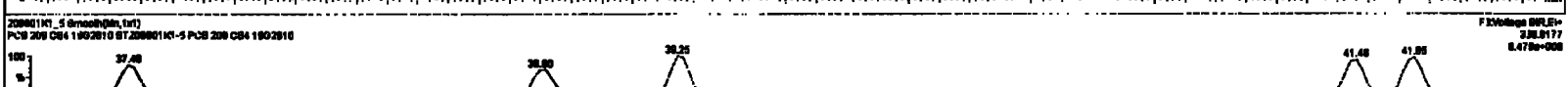
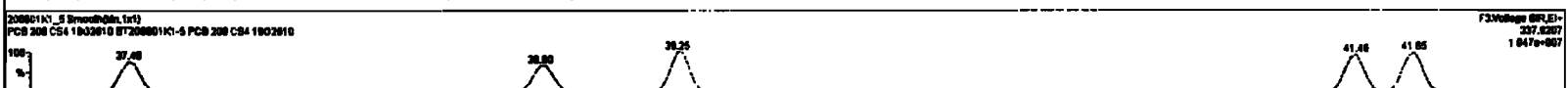
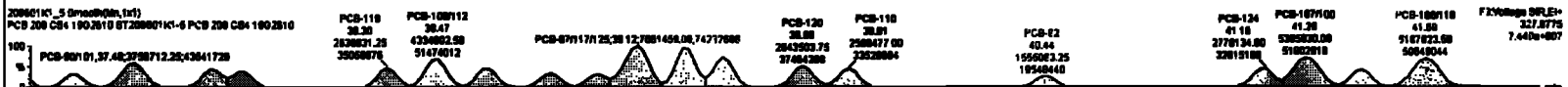
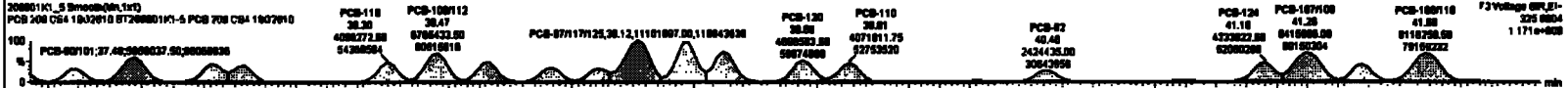


200601K1\_5



#	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%
220	15C-PCB-70	1.80e6	0.78	1.00	1.00e3	1.80e6	0.78	1.00	1.00	1.00e3	1.80e6	0.78	1.00	1.00	1.00e3	1.80e6	0.78	1.00	1.00
221	15C-PCB-470	7.00e6	0.94	1.00	1.00e3	7.00e6	0.94	1.00	1.00	1.00e3	7.00e6	0.94	1.00	1.00	1.00e3	7.00e6	0.94	1.00	1.00
224	Trist Micro-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
226	Trist DA-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
228	Trist Preamplifier DA-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
229	Trist Preamplifier DA-PCBs				0.00e3	1.00e6	0.00	0.00	0.00	0.00e3	1.00e6	0.00	0.00	0.00	0.00e3	1.00e6	0.00	0.00	0.00
230	Trist Tube-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
231	Trist Preamplifier Tube-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
232	Trist Preamplifier Tube-PCBs				0.00e3	1.00e6	0.00	0.00	0.00	0.00e3	1.00e6	0.00	0.00	0.00	0.00e3	1.00e6	0.00	0.00	0.00
233	Trist Tube-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00
234	Trist Tube-PCBs				1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00	1.00e3	1.00e6	0.00	0.00	0.00

#	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%	Width	Area	Height	Area%	Height%
65	PCB-109	39.47	32.67	2.60e6	2.60e6	36.47	36.47	1.00	1.00	1.00	36.47	36.47	1.00	1.00	1.00	36.47	36.47	1.00	1.00
66	PCB-108	39.70	39.70	2.67e6	2.67e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
67	PCB-108	39.80	39.71	3.10e6	2.60e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
68	PCB-04	38.91	38.10	2.40e6	1.80e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
69	PCB-04	38.00	38.00	0.40e6	0.80e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
70	PCB-03	38.91	38.00	2.50e6	1.80e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
71	PCB-03	38.10	38.10	0.81e6	2.00e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00
72	PCB-131	38.30	38.30	4.40e6	2.70e6	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00	1.00	38.00	38.00	1.00	1.00

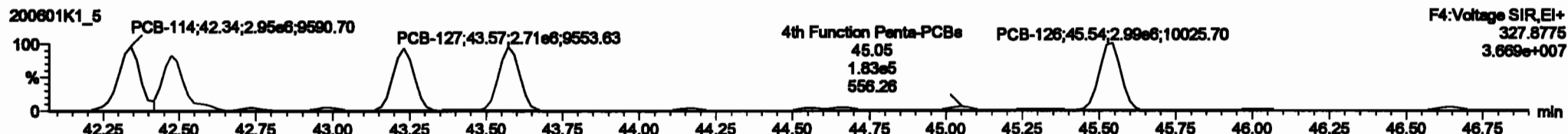
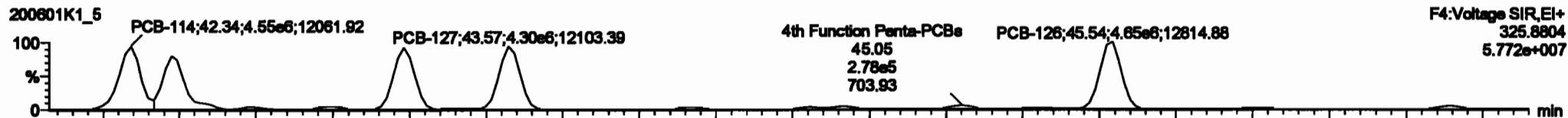


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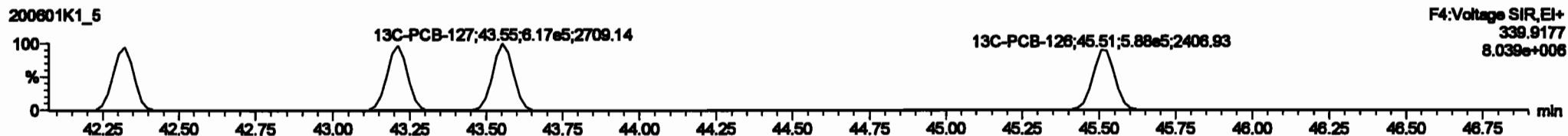
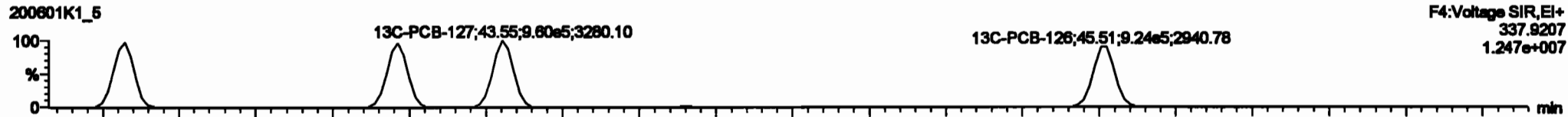
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

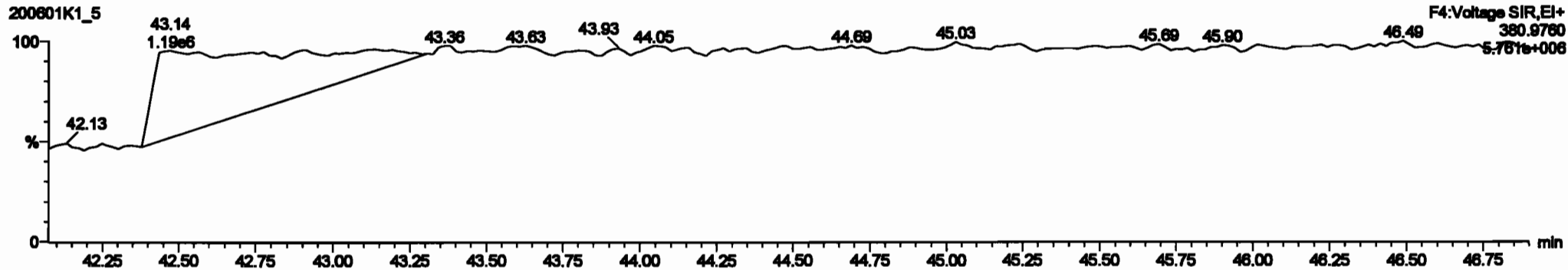
**PCB-114**



**13C-PCB-114**



**PFK4a**





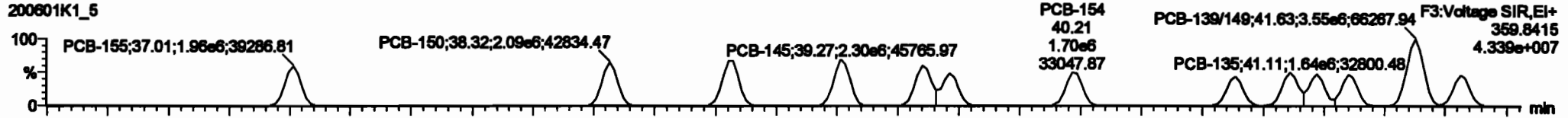
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

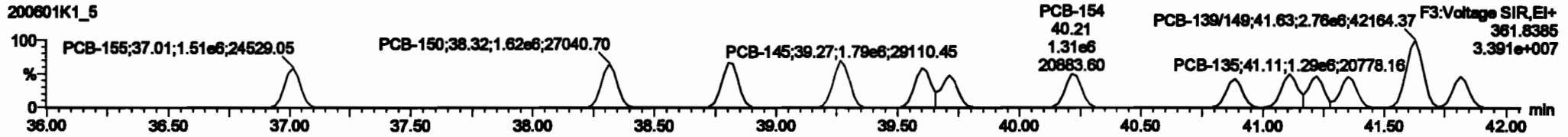
Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-155**

200601K1\_5

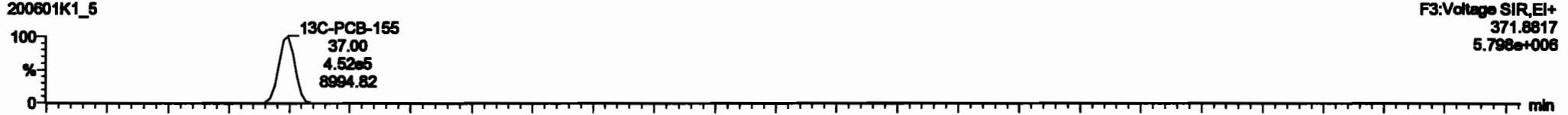


200601K1\_5

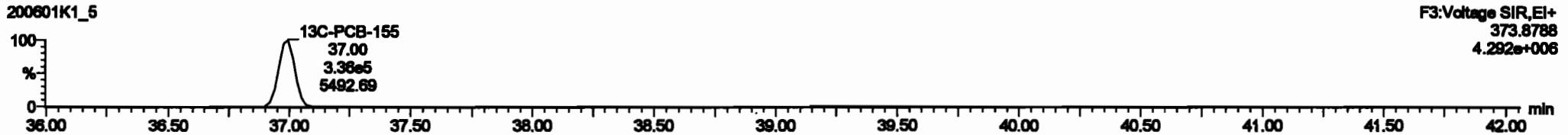


**13C-PCB-155**

200601K1\_5

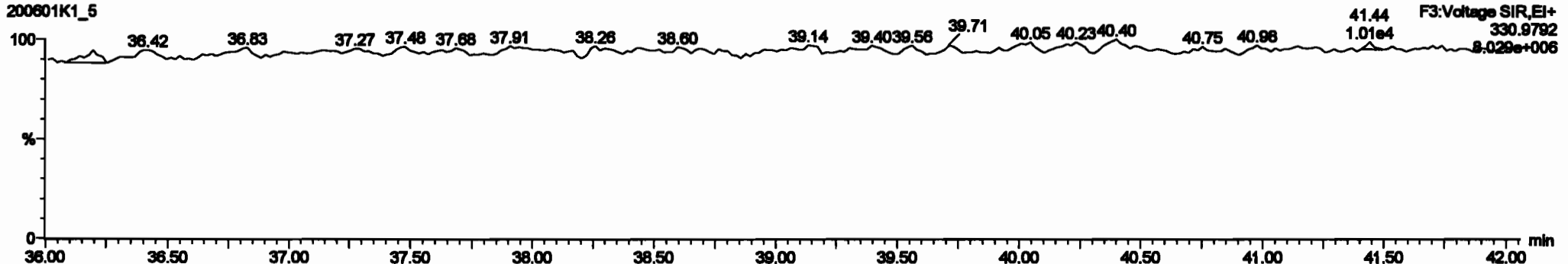


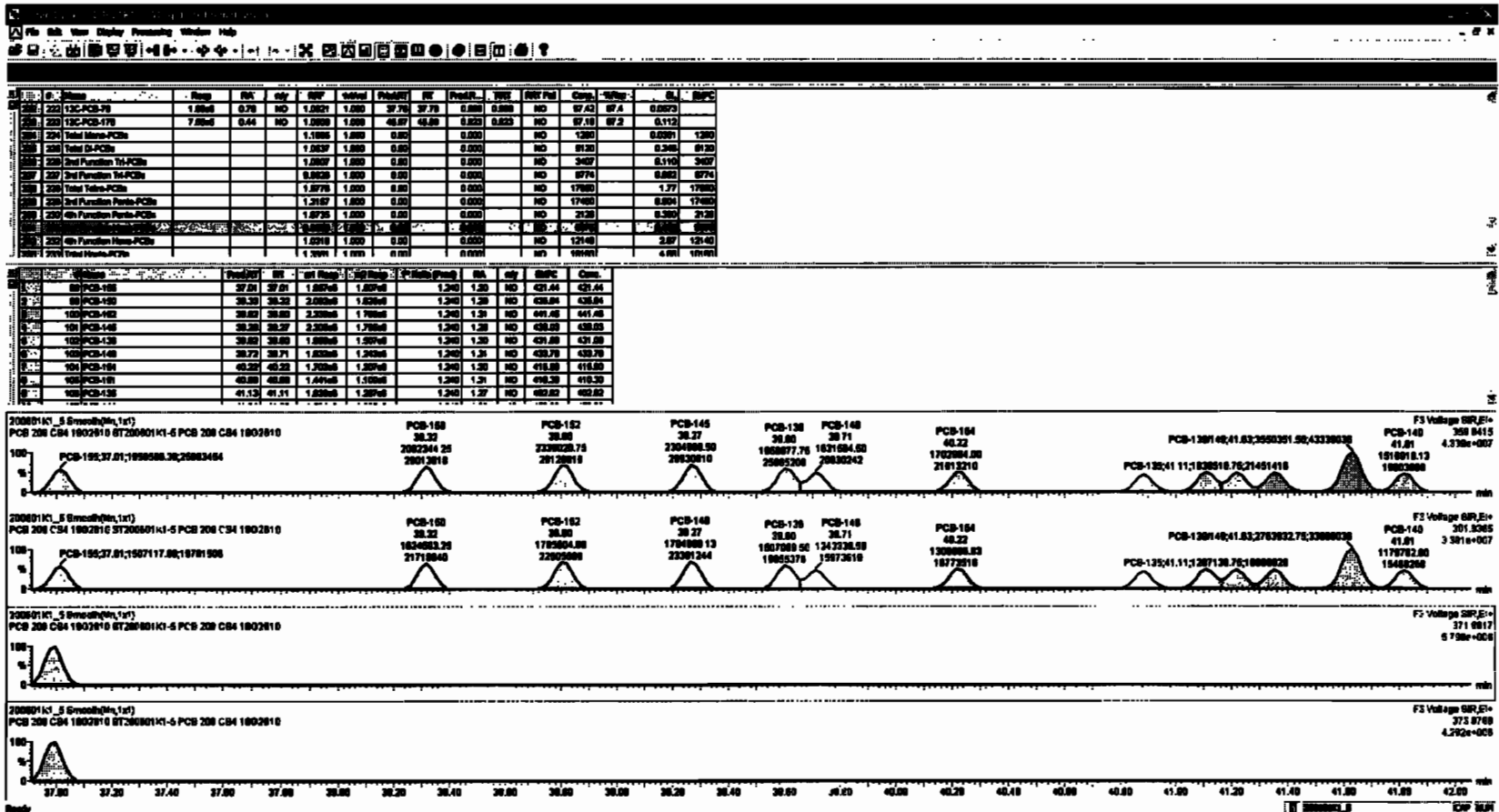
200601K1\_5



**PFK3c**

200601K1\_5





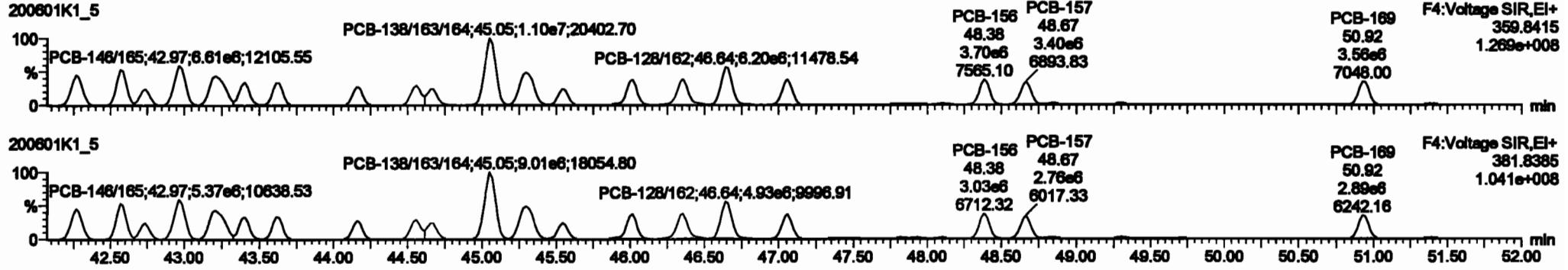


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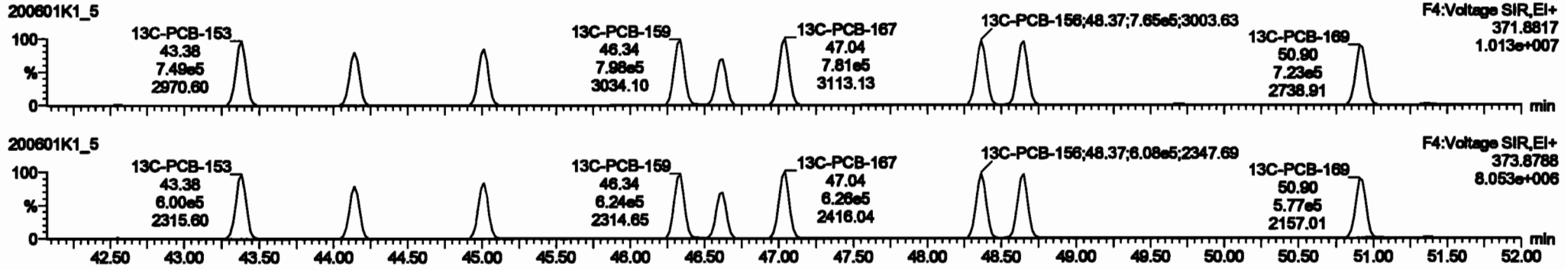
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

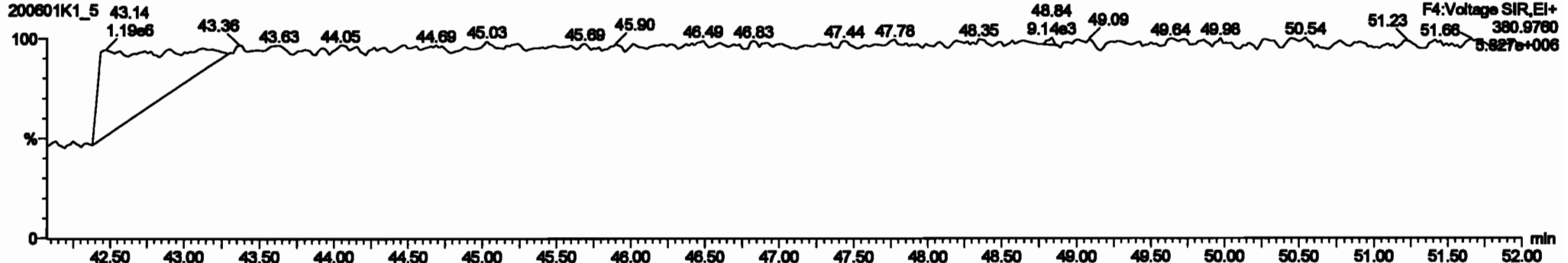
PCB-134/143



13C-PCB-153



PFK4b





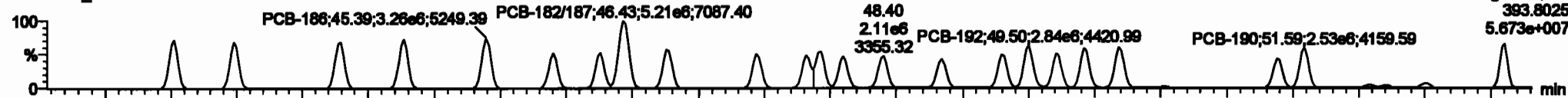
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

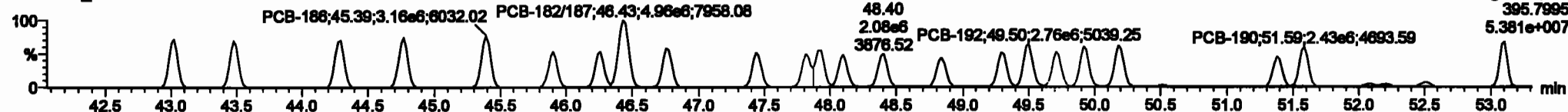
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**PCB-188**

200601K1\_5

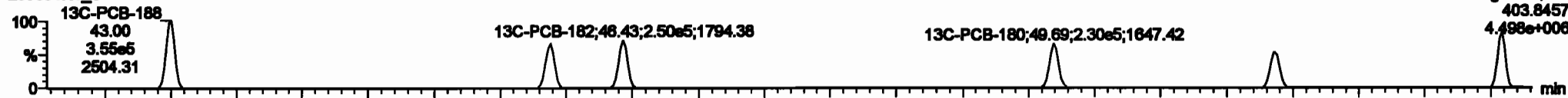


200601K1\_5

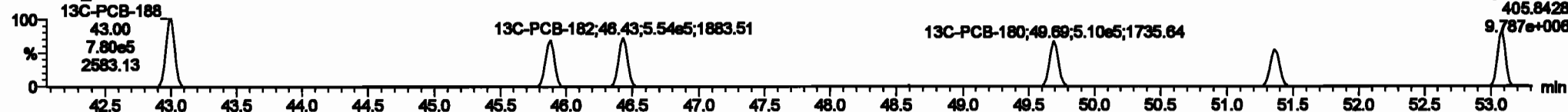


**13C-PCB-188**

200601K1\_5

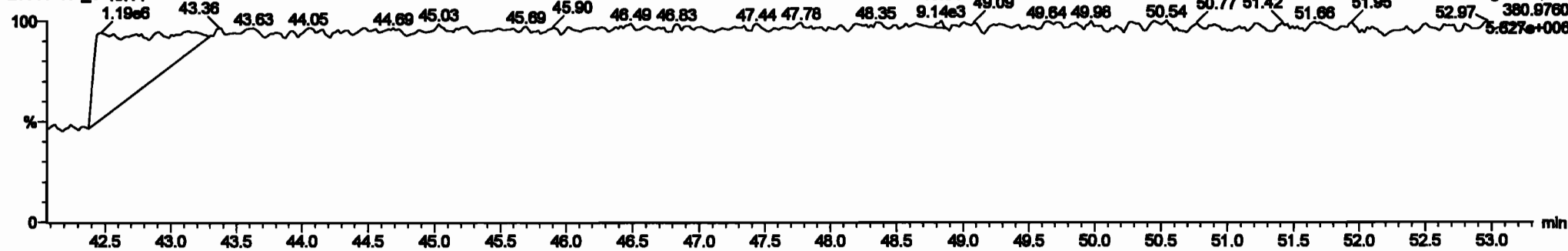


200601K1\_5



**PFK4c**

200601K1\_5



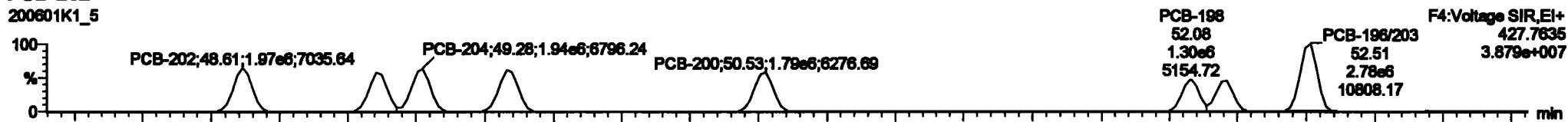
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

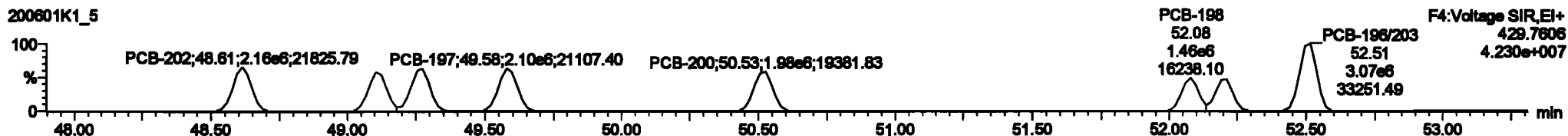
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**PCB-202**

200601K1\_5

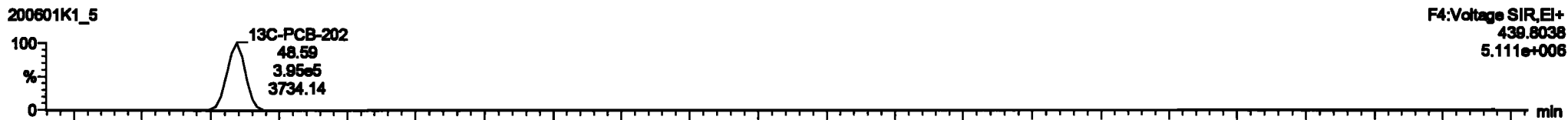


200601K1\_5

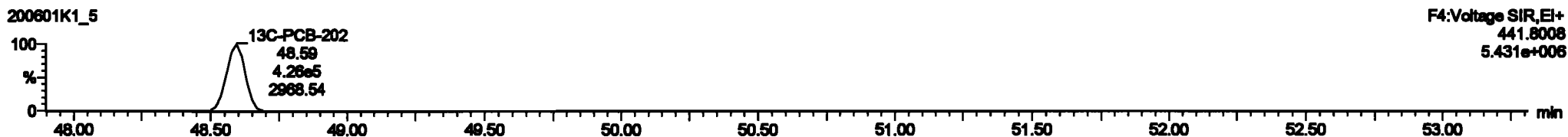


**13C-PCB-202**

200601K1\_5

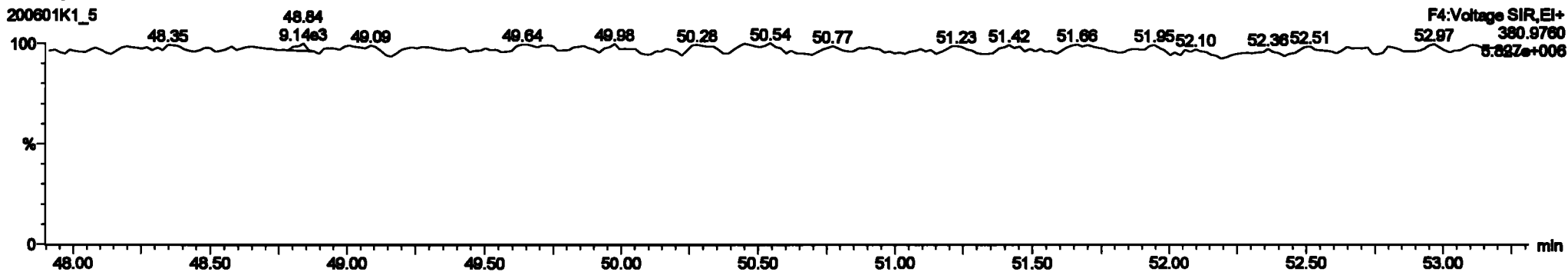


200601K1\_5



**PFK4d**

200601K1\_5



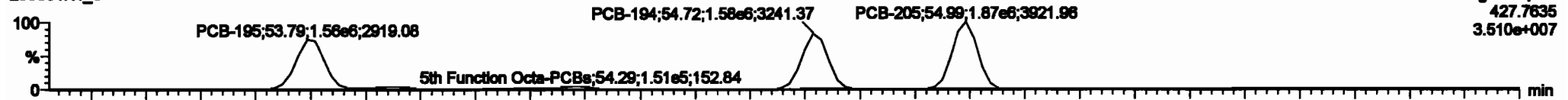
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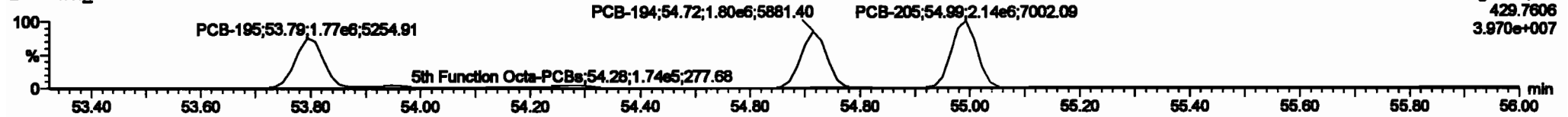
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**PCB-195**

200601K1\_5

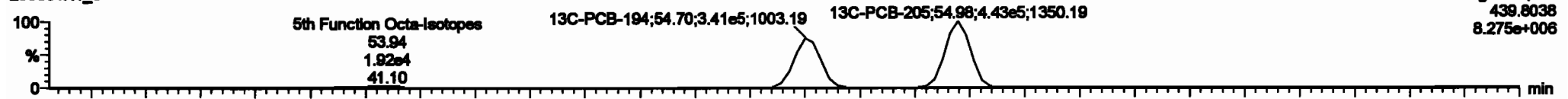


200601K1\_5

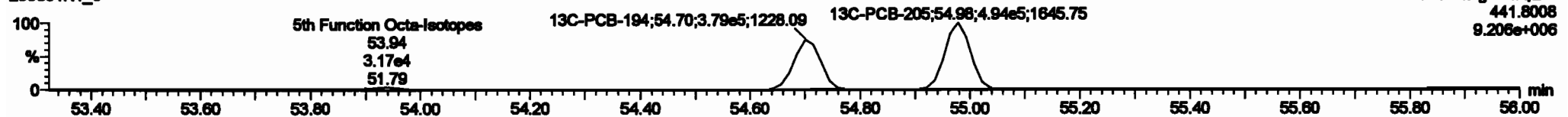


**13C-PCB-194**

200601K1\_5

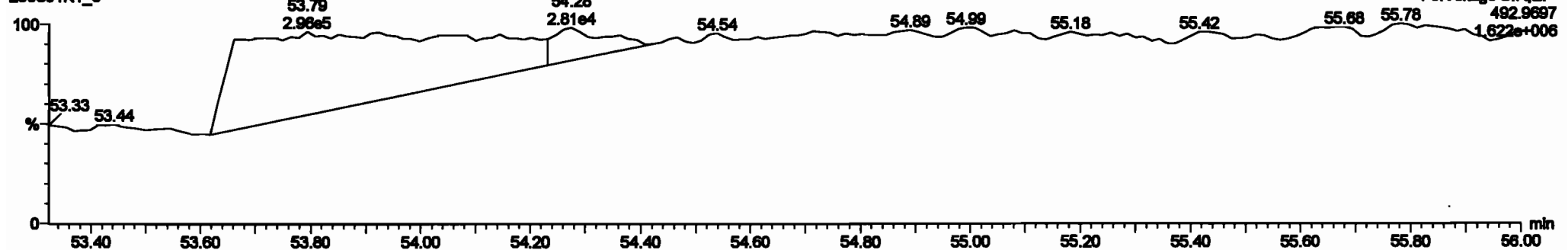


200601K1\_5



**PFK5a**

200601K1\_5



Dataset: Untitled

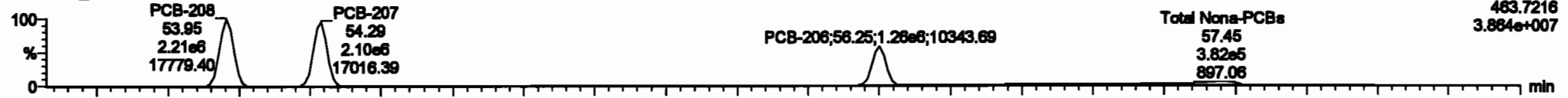
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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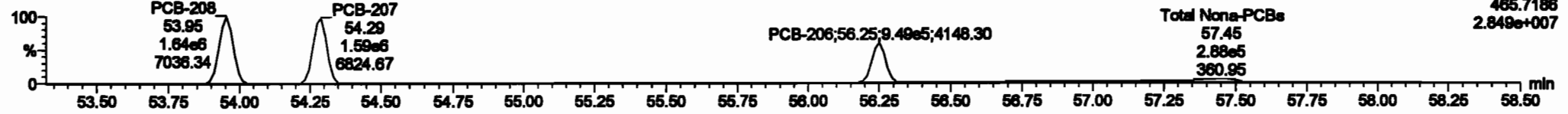
**PCB-208**

200601K1\_5



F5:Voltage SIR,EI+  
463.7216  
3.864e+007

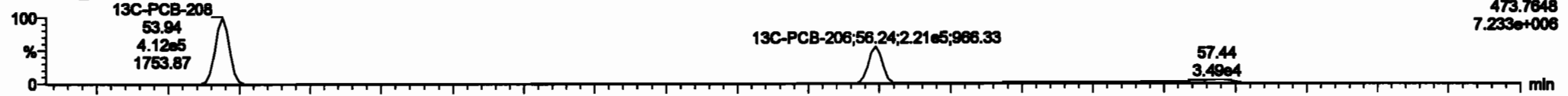
200601K1\_5



F5:Voltage SIR,EI+  
465.7186  
2.849e+007

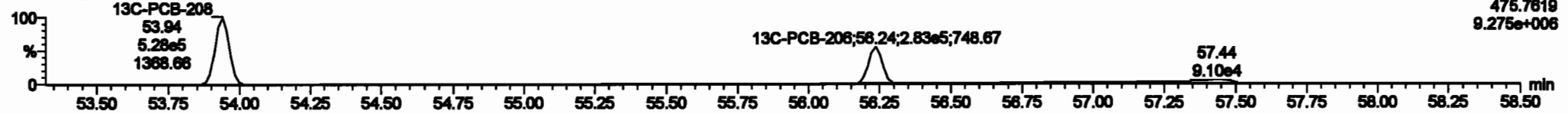
**13C-PCB-208**

200601K1\_5



F5:Voltage SIR,EI+  
473.7648  
7.233e+006

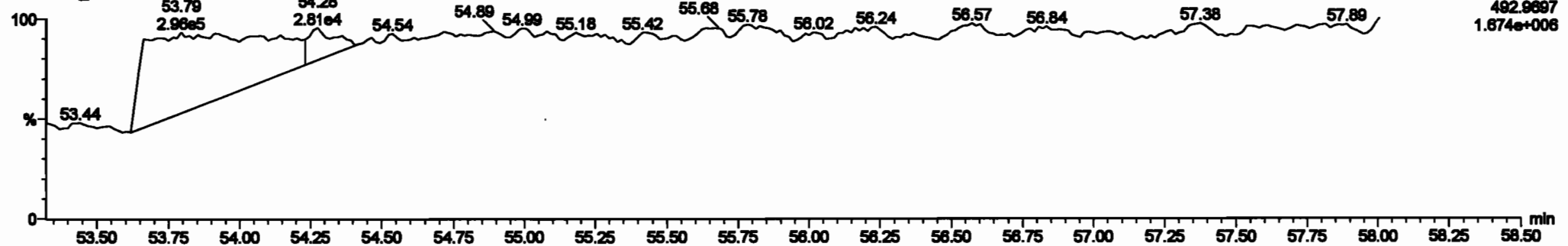
200601K1\_5



F5:Voltage SIR,EI+  
475.7619  
9.275e+006

**PFK5**

200601K1\_5



F5:Voltage SIR,EI+  
492.9697  
1.674e+006

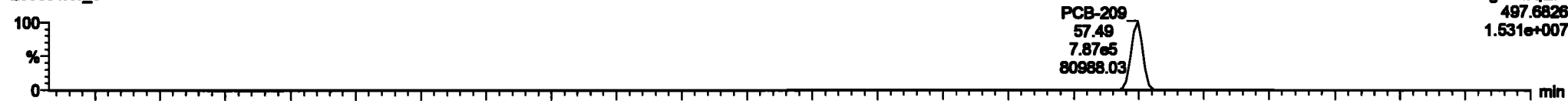
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

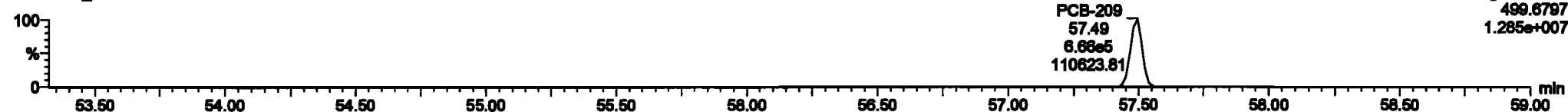
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**PCB-209**

200601K1\_5

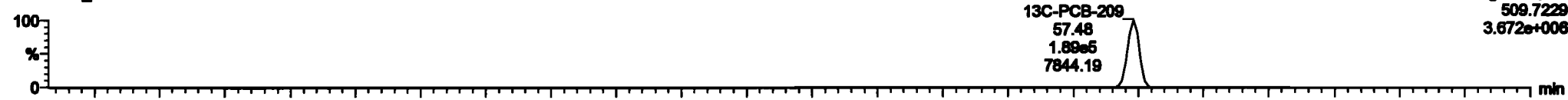


200601K1\_5

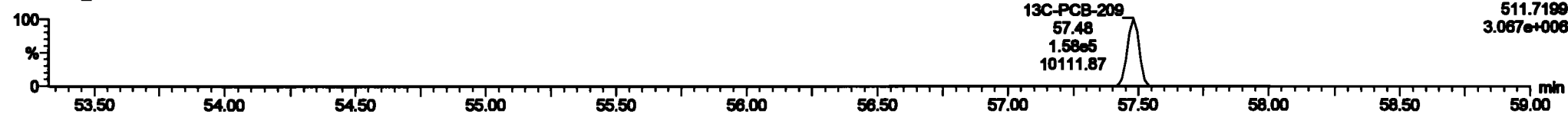


**13C-PCB-209**

200601K1\_5

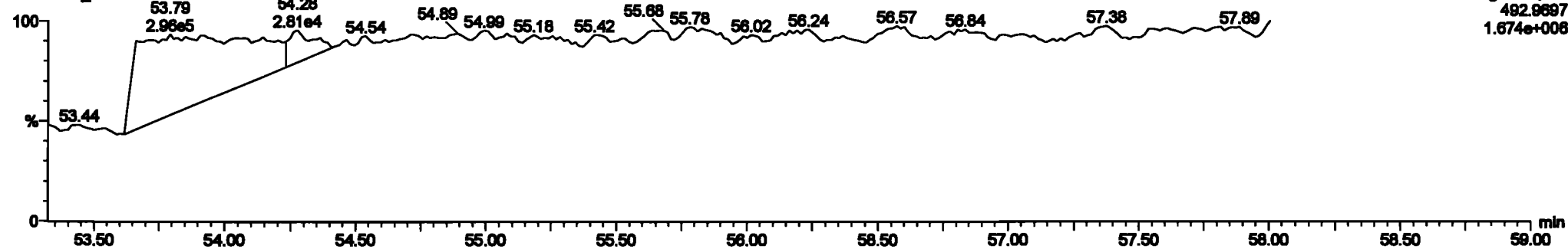


200601K1\_5



**PFK5b**

200601K1\_5



Dataset: Untitled

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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

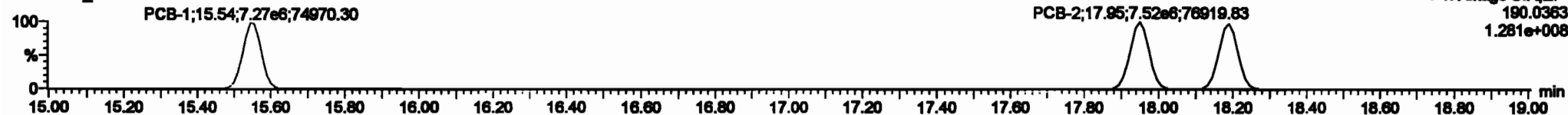
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**PCB-1**

200601K1\_6



200601K1\_6



**13C-PCB-1**

200601K1\_6

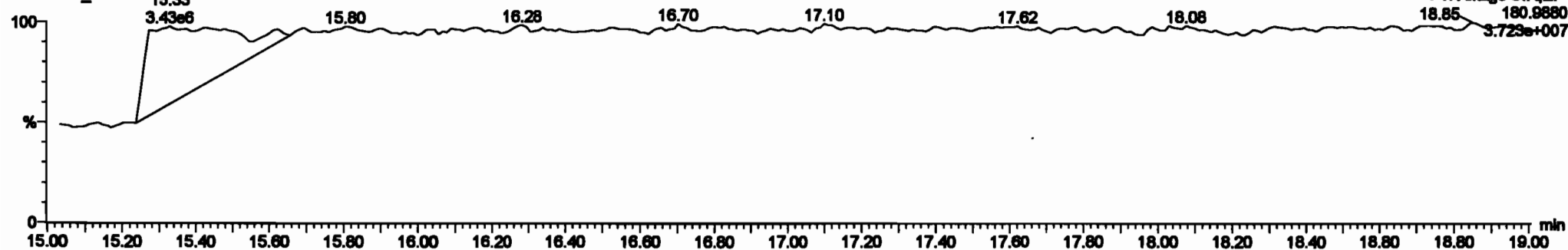


200601K1\_6



**PFK1**

200601K1\_6



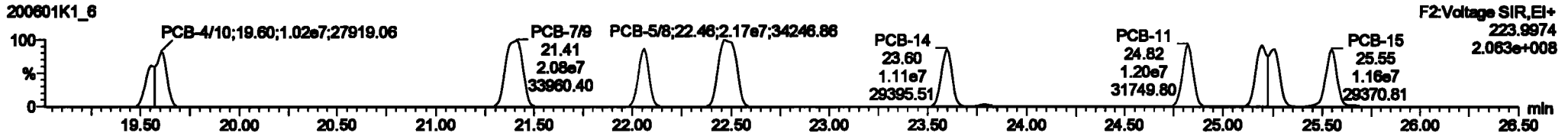
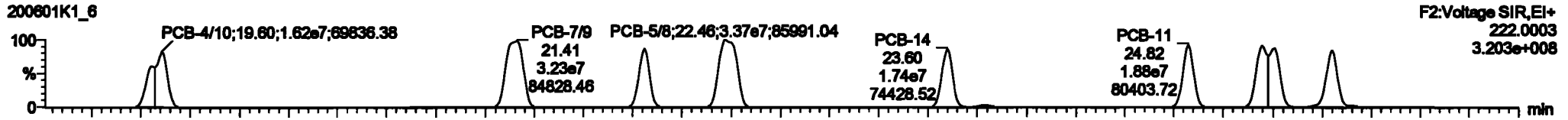


Dataset: Untitled

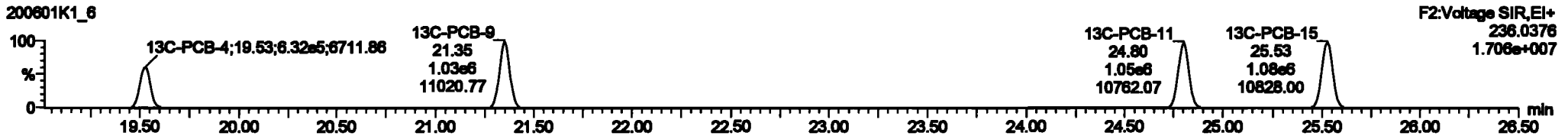
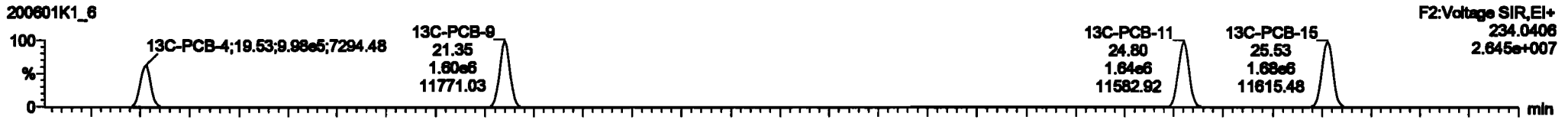
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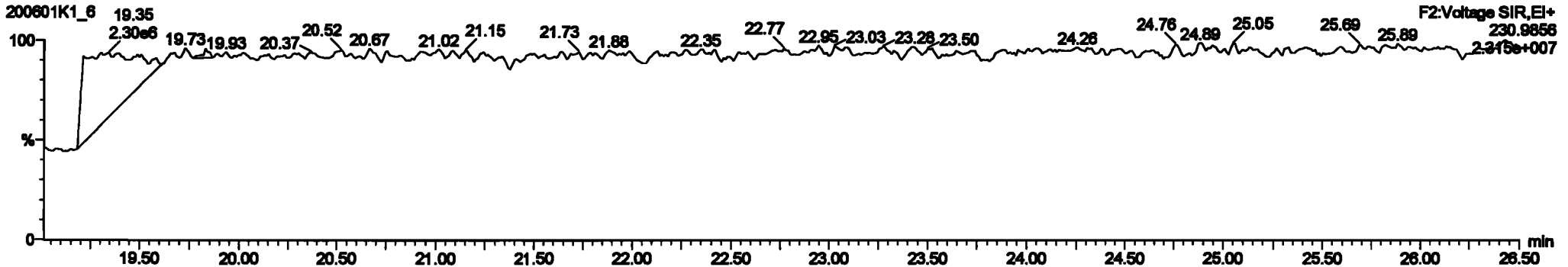
**PCB-4/10**



**13C-PCB-4**



**PFK2a**



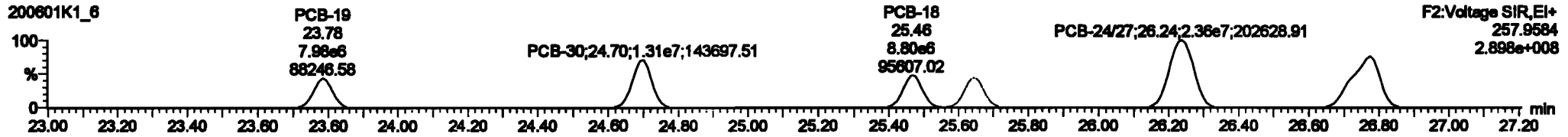
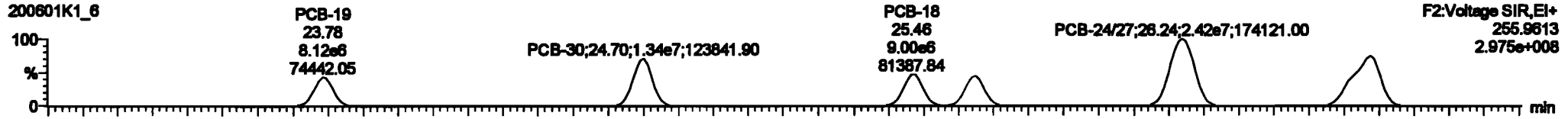


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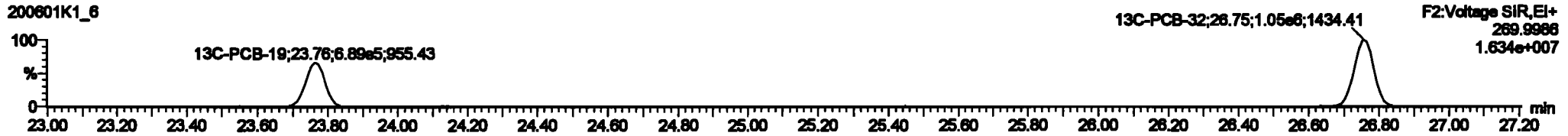
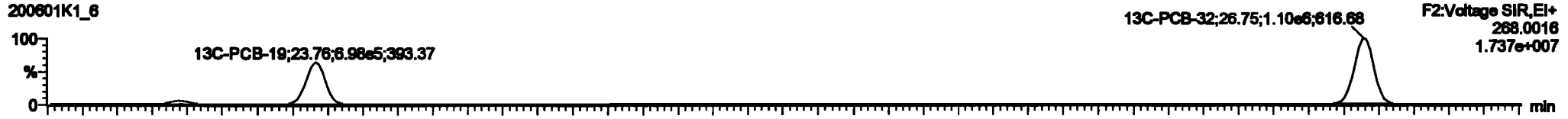
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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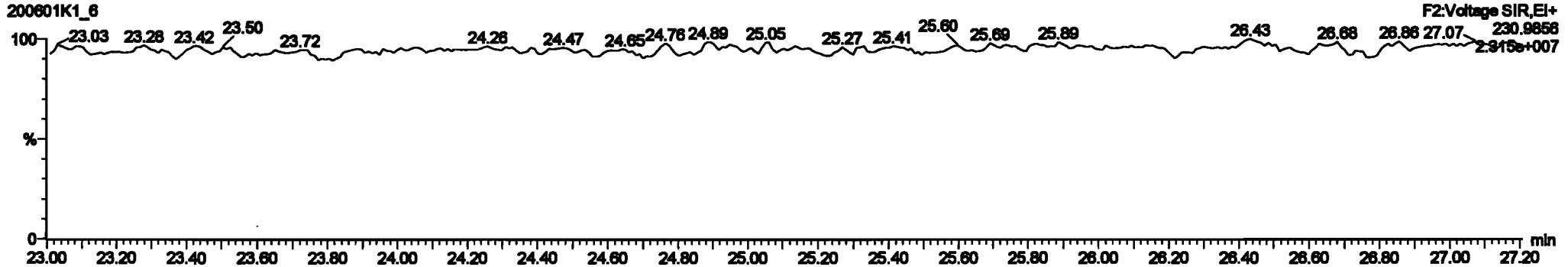
**PCB-19**



**13C-PCB-19**



**PFK2b**

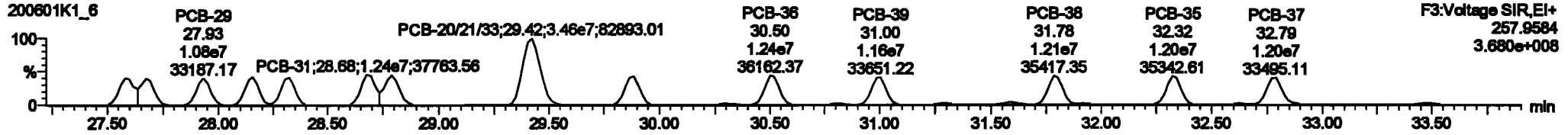
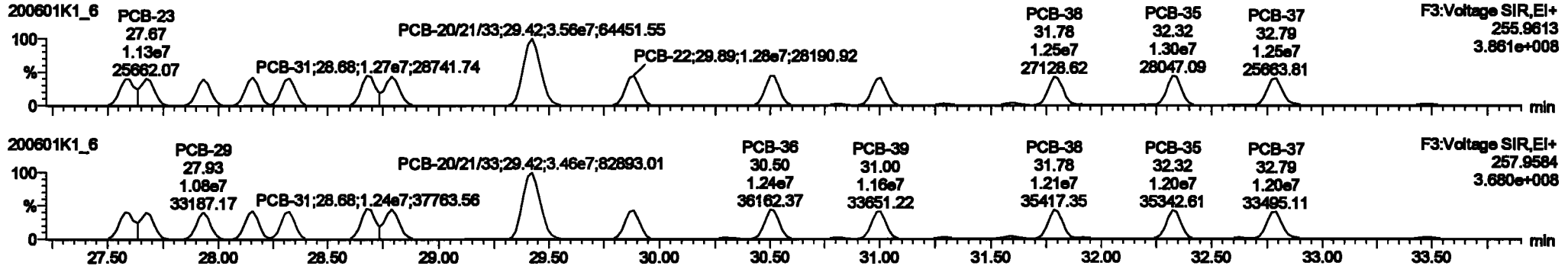


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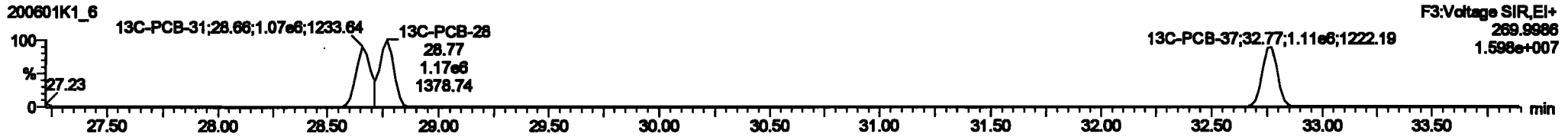
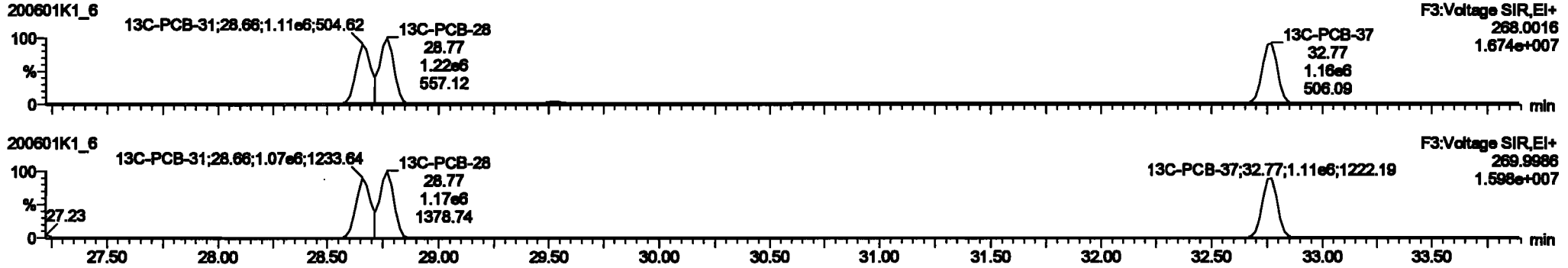
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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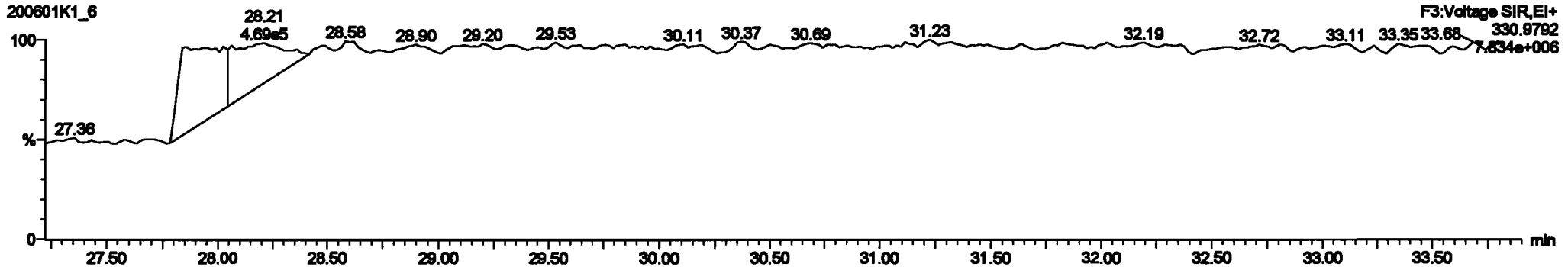
**PCB-34**



**13C-PCB-28**



**PFK3d**



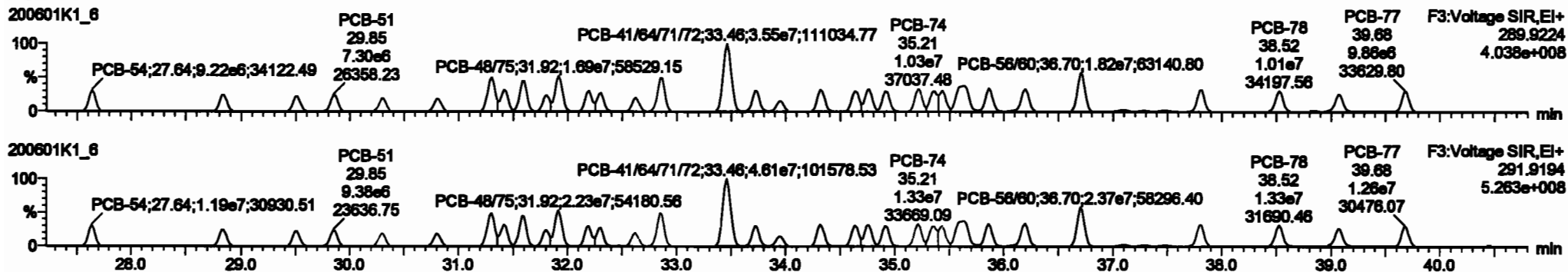


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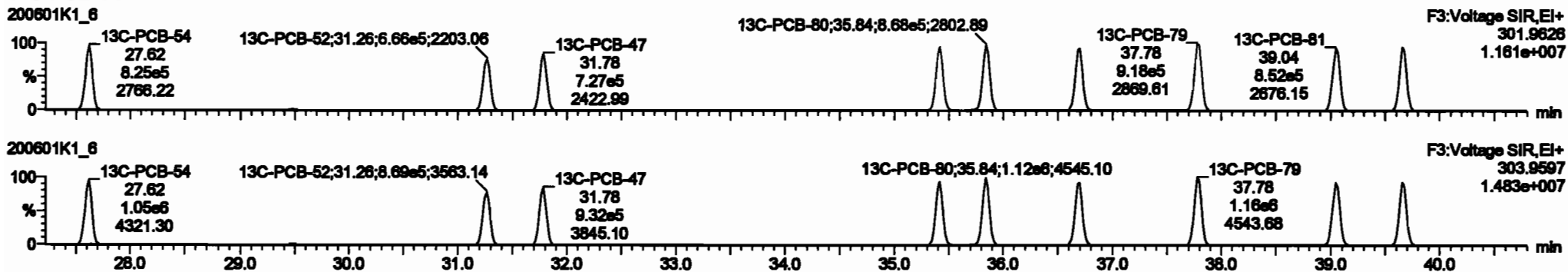
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

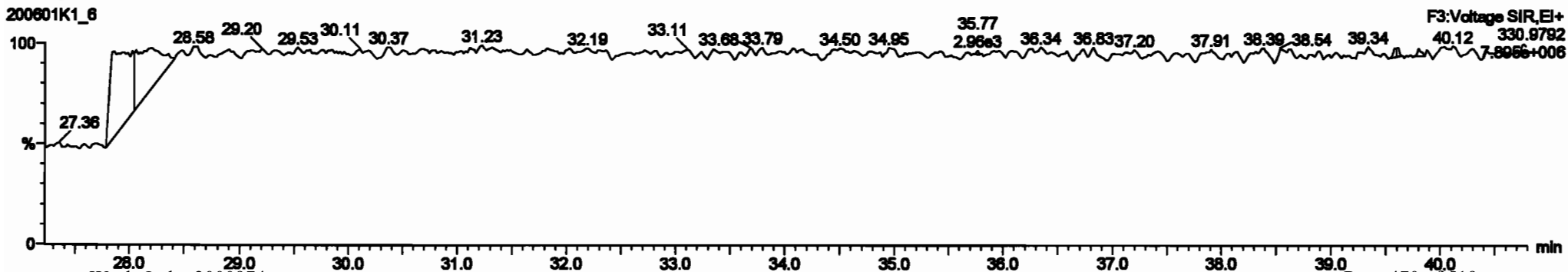
**PCB-54**



**13C-PCB-54**



**PFK3a**



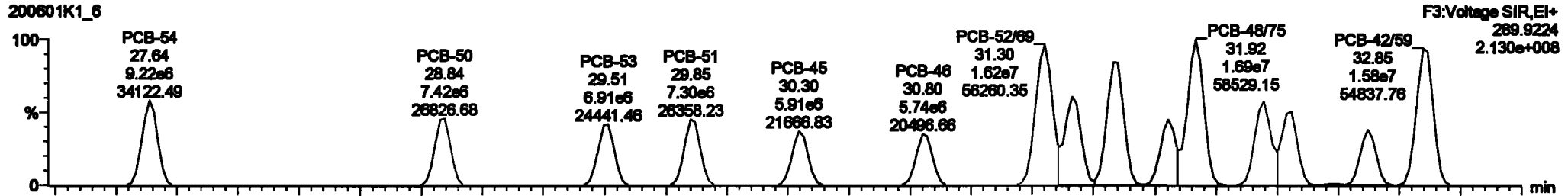
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

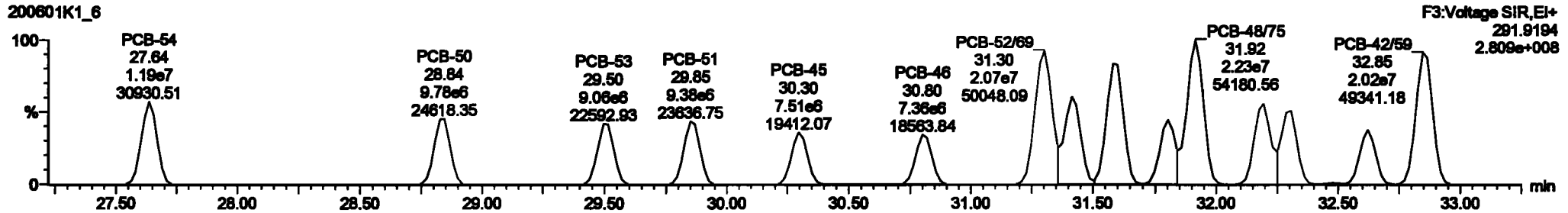
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PCB-50

200601K1\_6



200601K1\_6

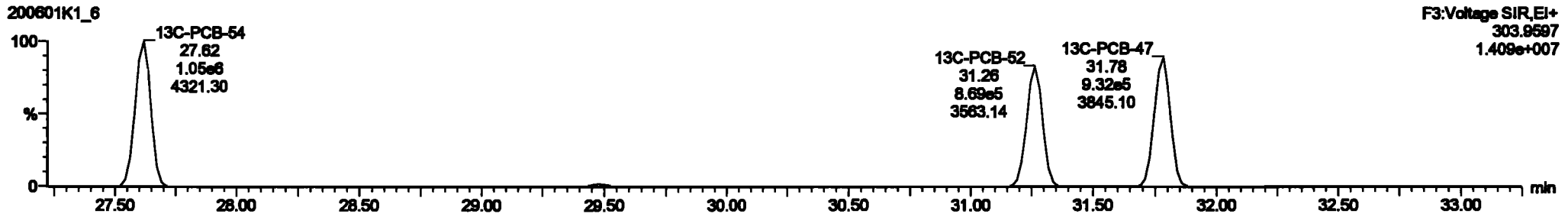


13C-PCB-52

200601K1\_6



200601K1\_6



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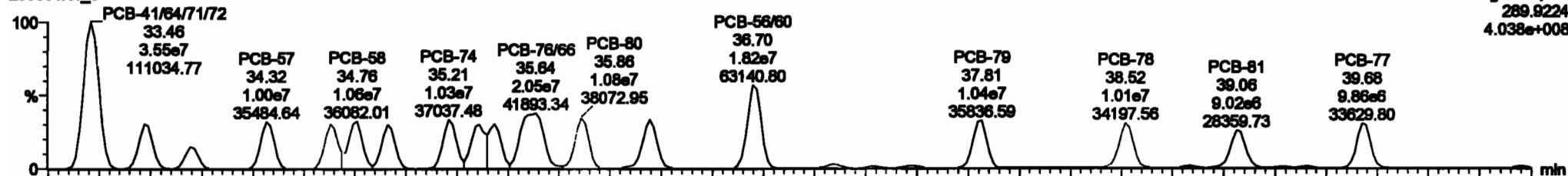
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

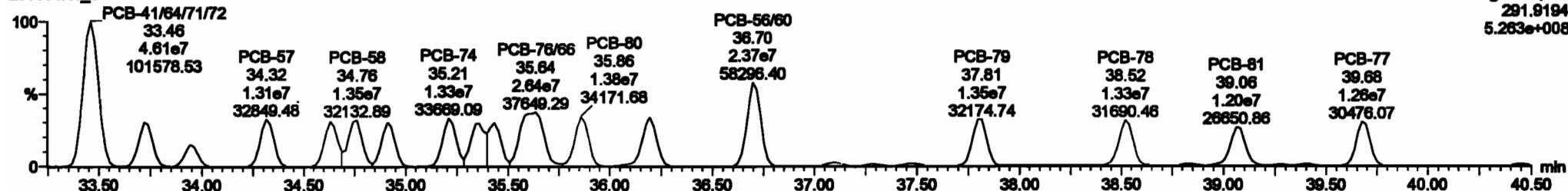
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PCB-68

200601K1\_6

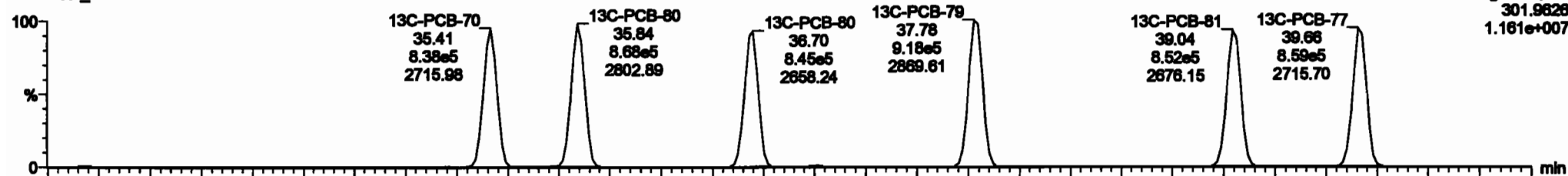


200601K1\_6

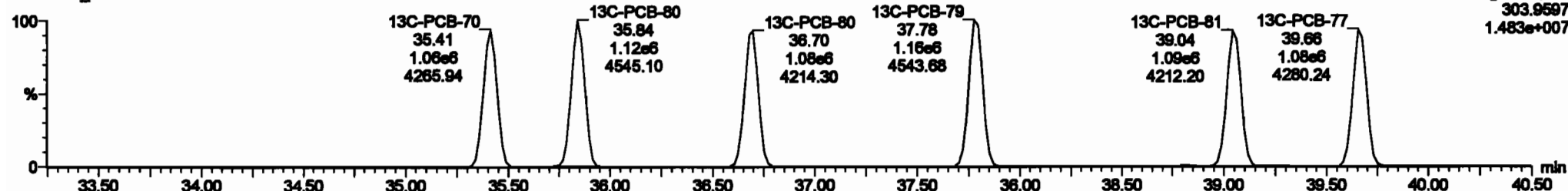


13C-PCB-60

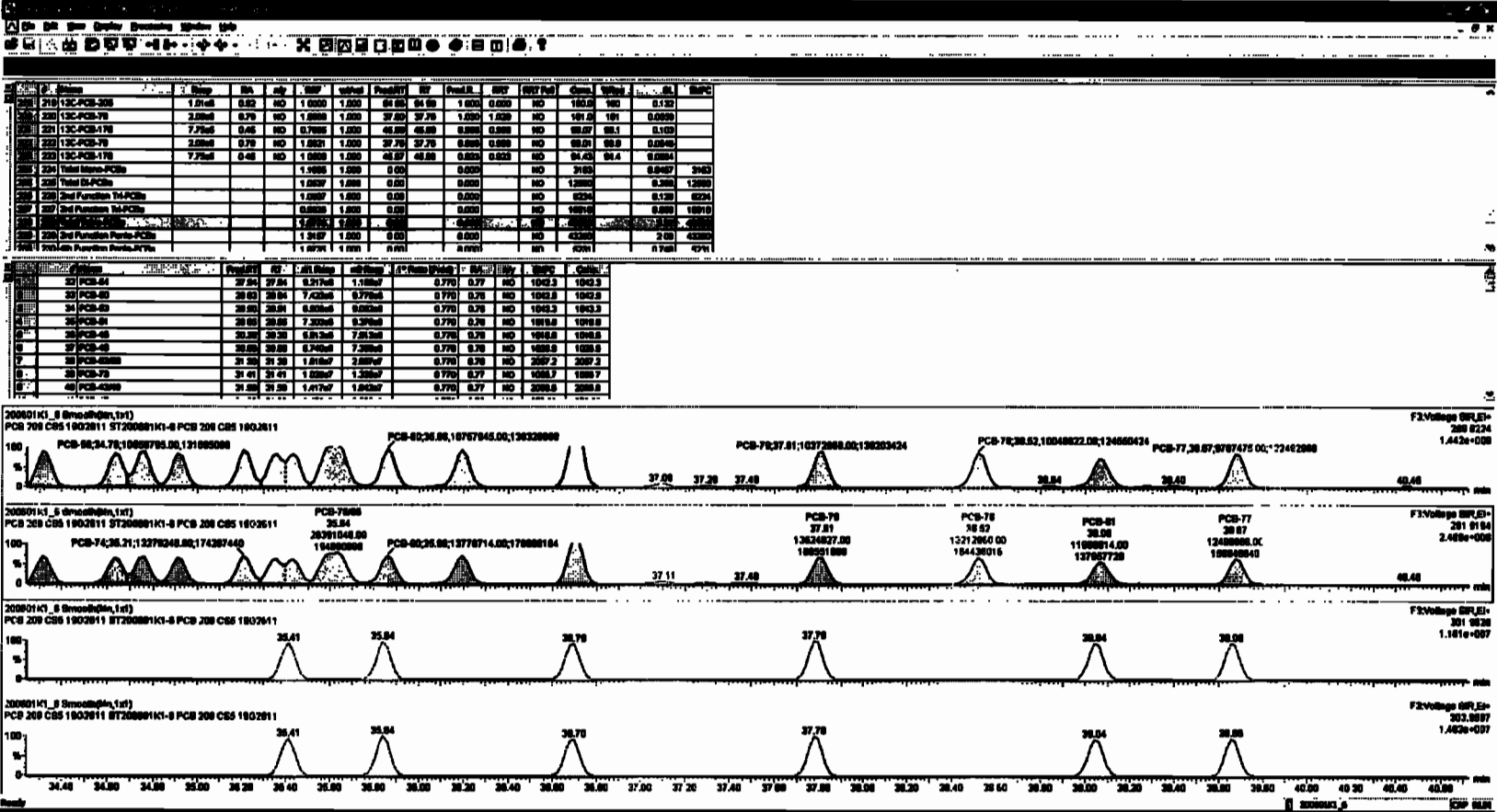
200601K1\_6



200601K1\_6





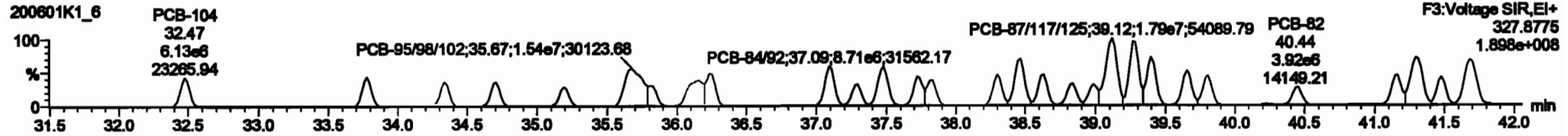
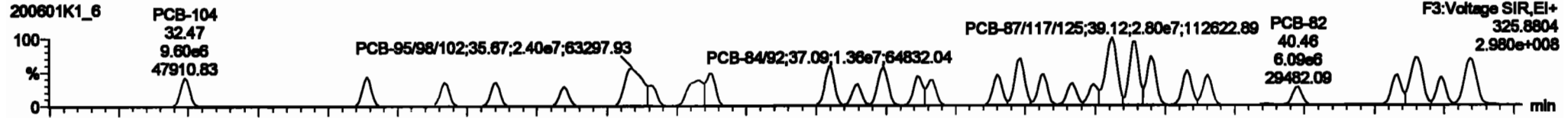


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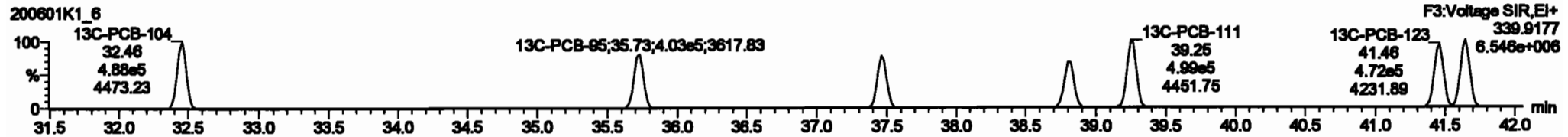
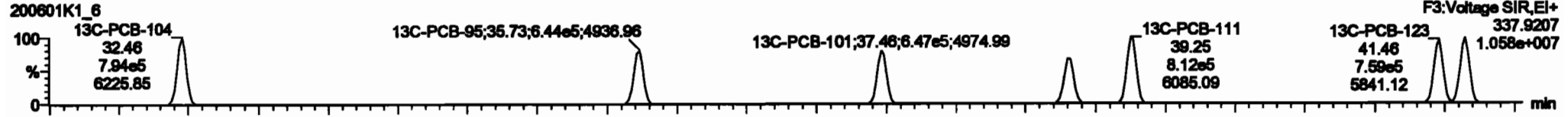
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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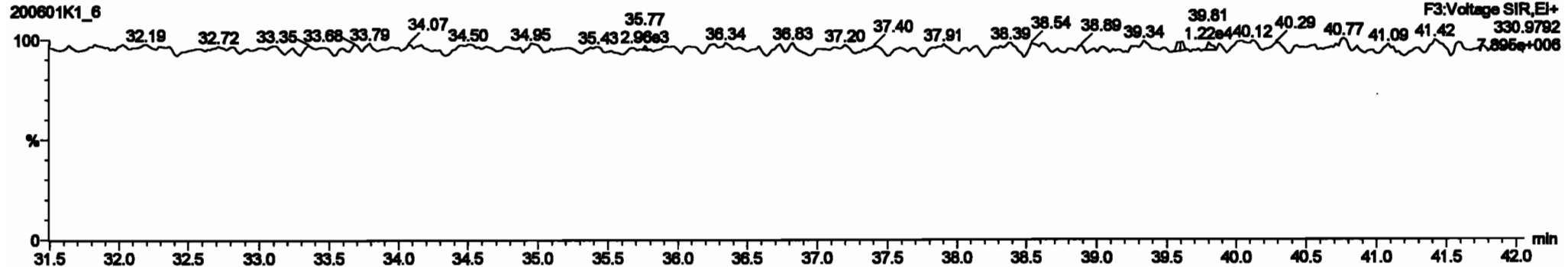
**PCB-104**



**13C-PCB-104**



**PFK3b**



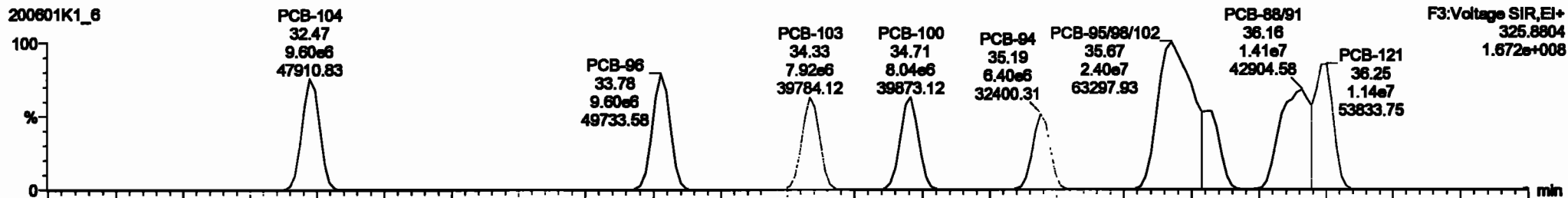
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

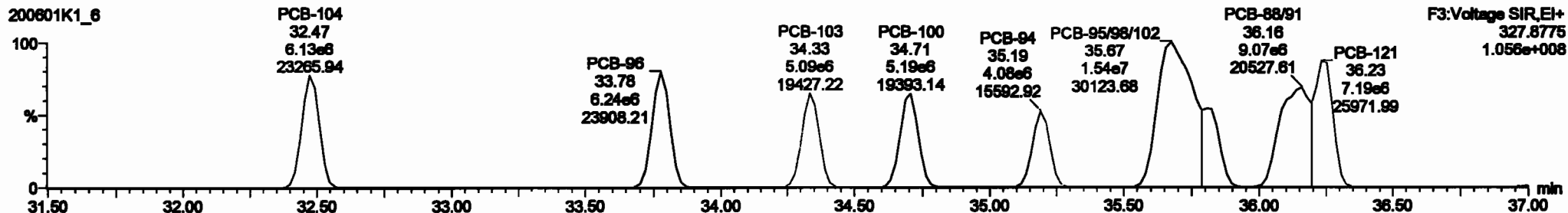
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**PCB-96**

200601K1\_6



200601K1\_6

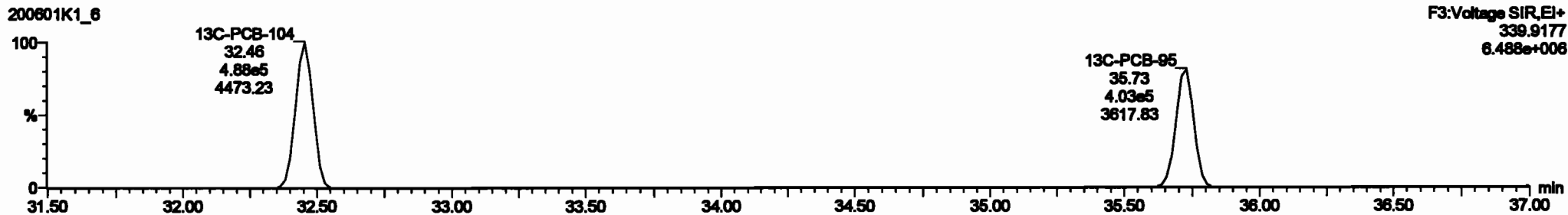


**13C-PCB-95**

200601K1\_6



200601K1\_6



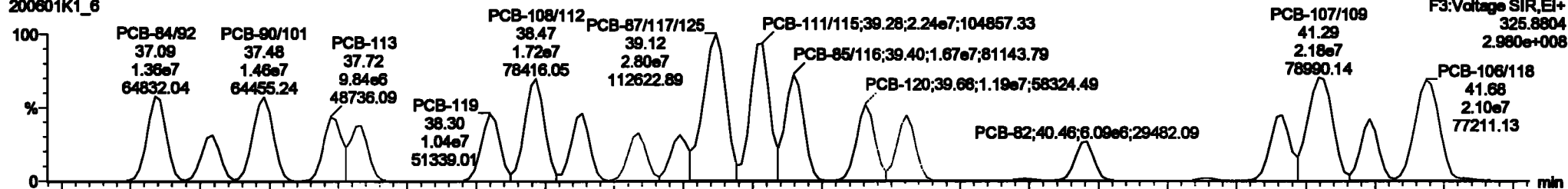
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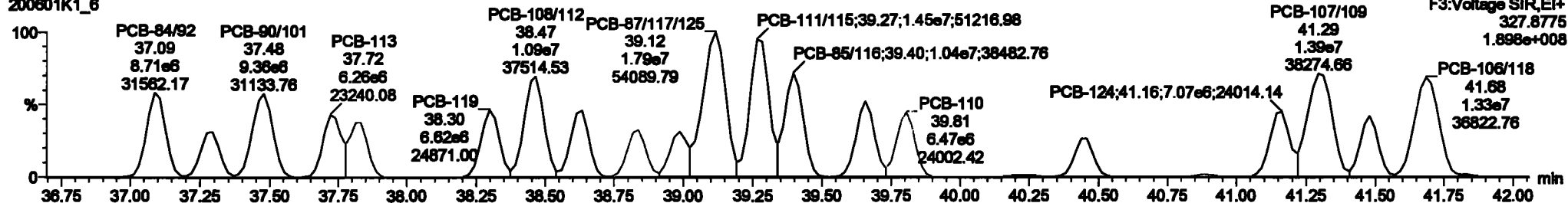
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**PCB-119**

200601K1\_6

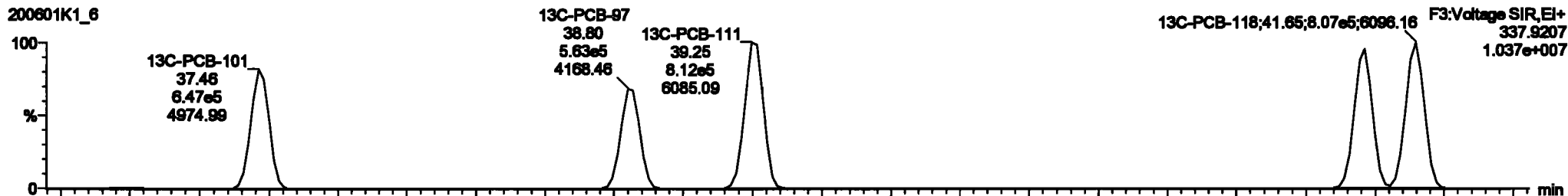


200601K1\_6

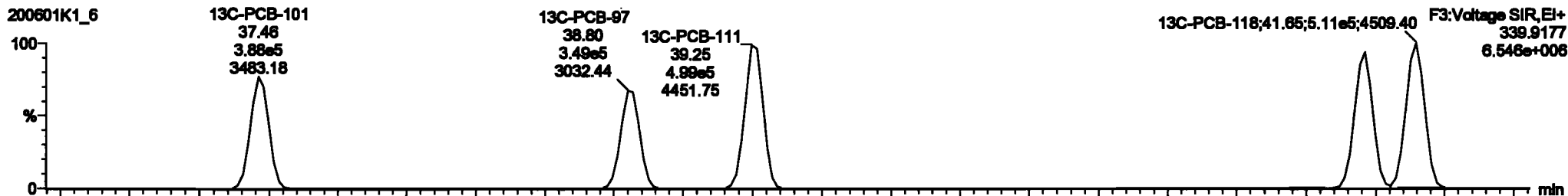


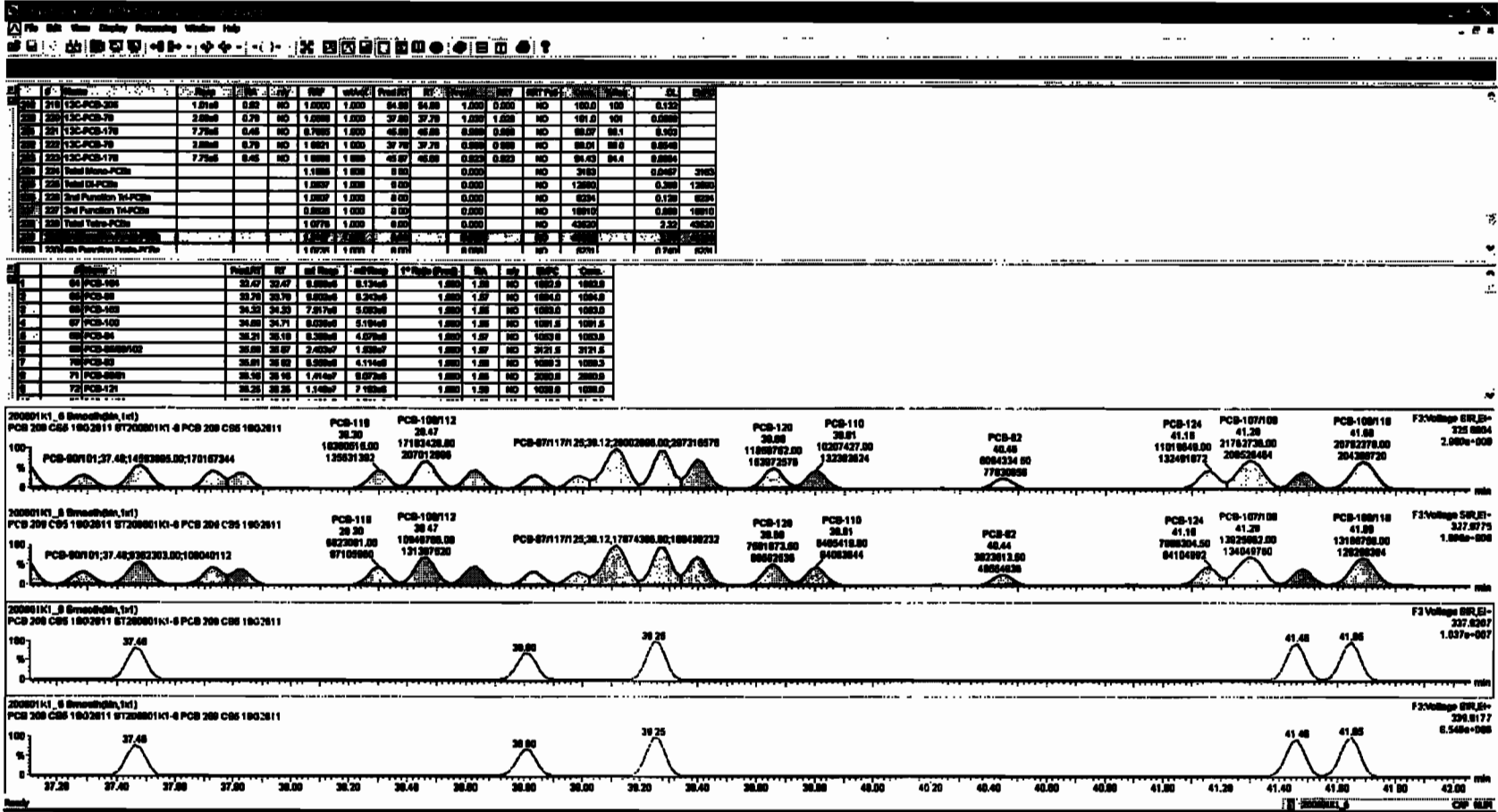
**13C-PCB-111**

200601K1\_6



200601K1\_6



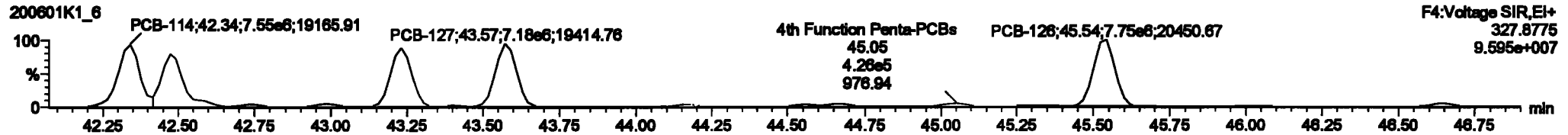
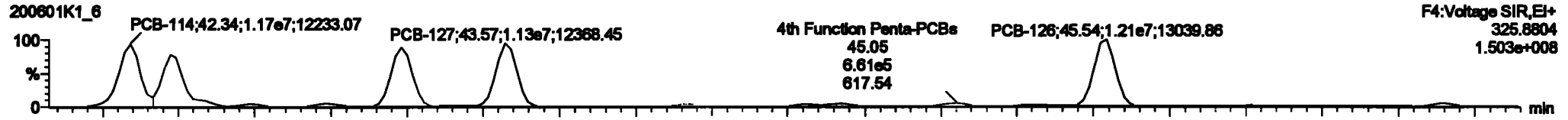


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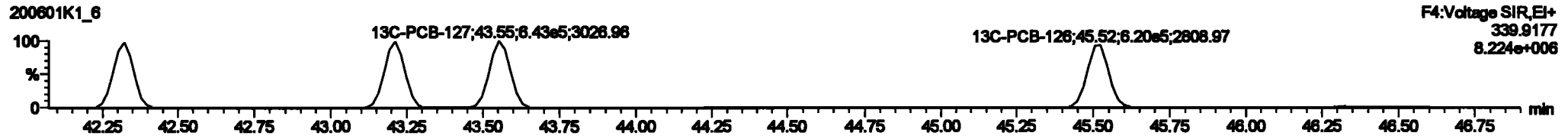
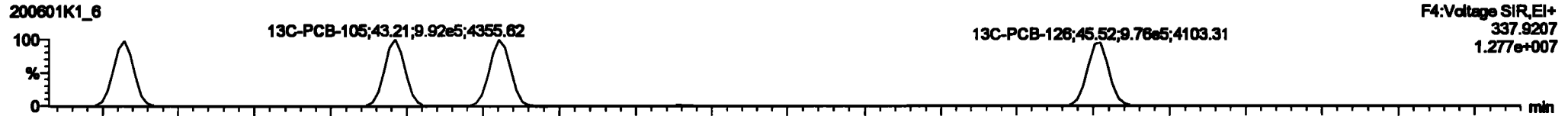
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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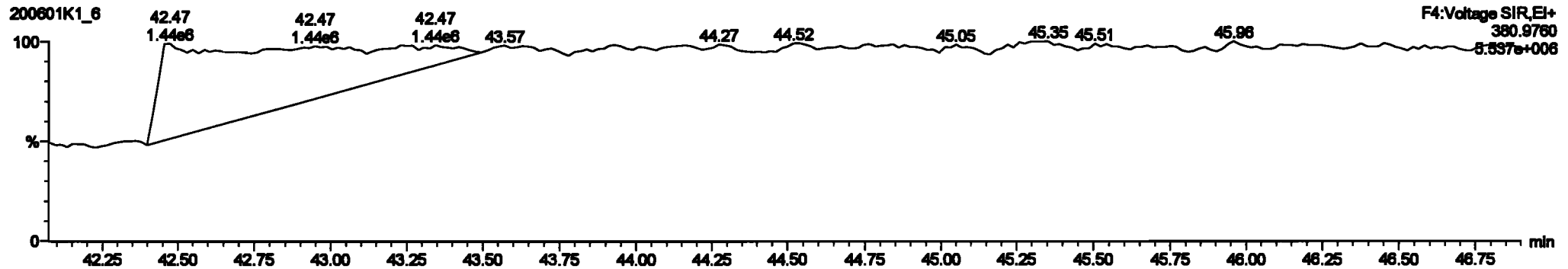
**PCB-114**

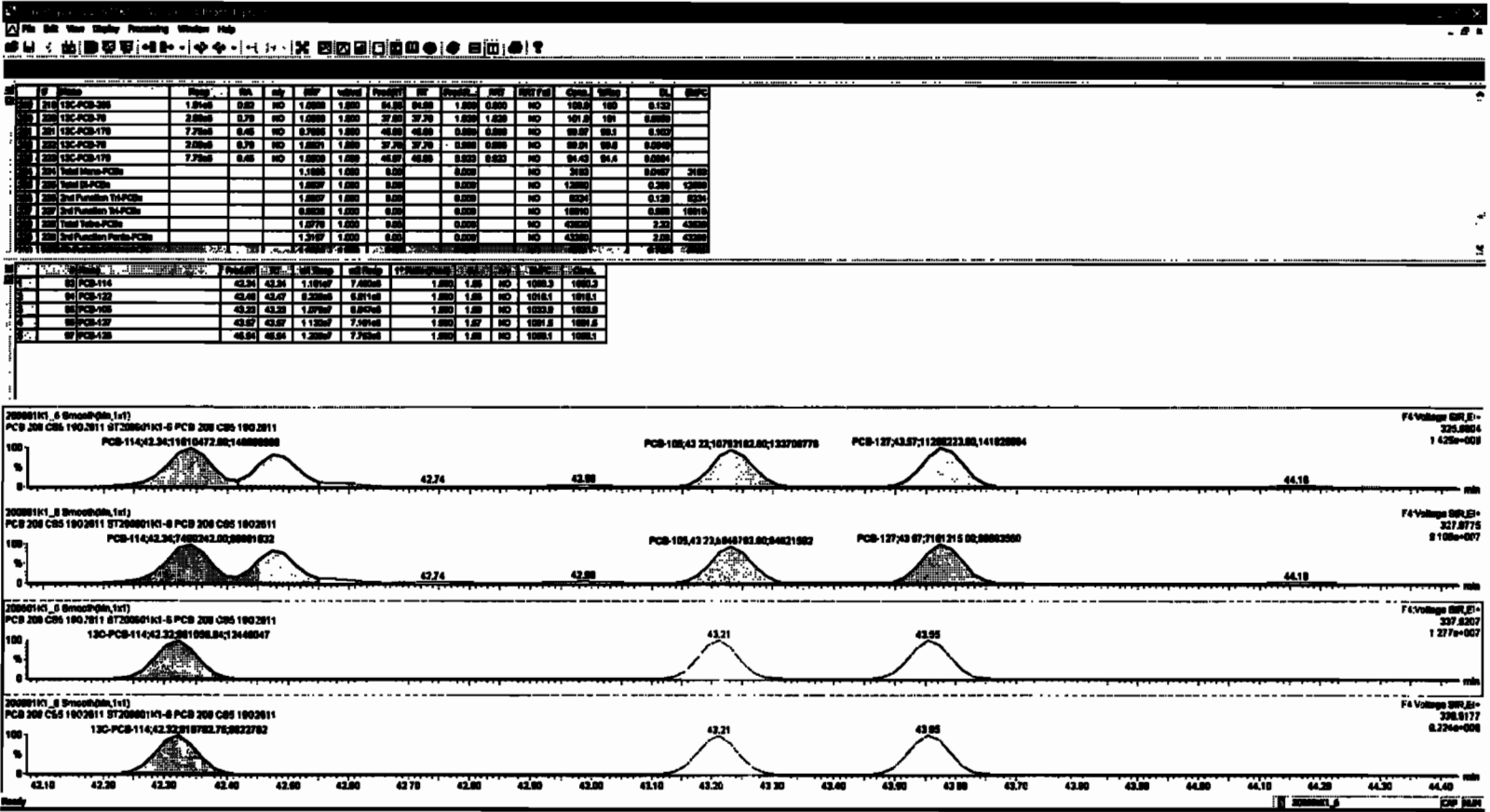


**13C-PCB-114**



**PFK4a**





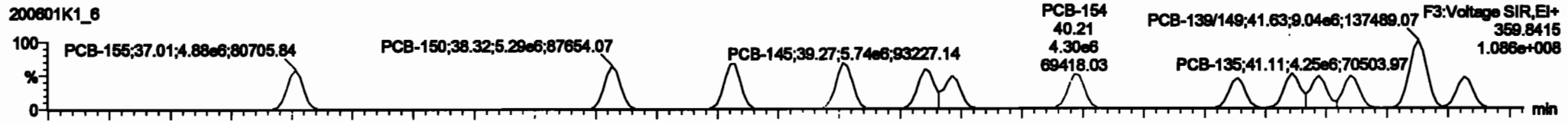
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

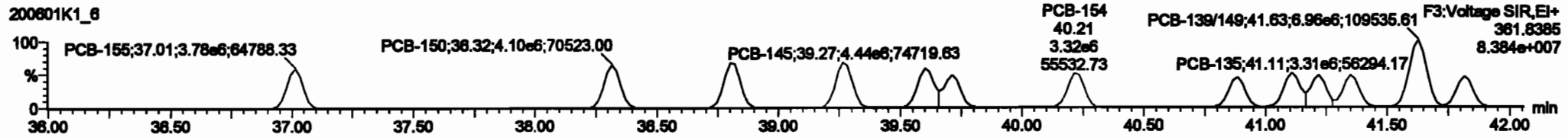
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-155**

200601K1\_6

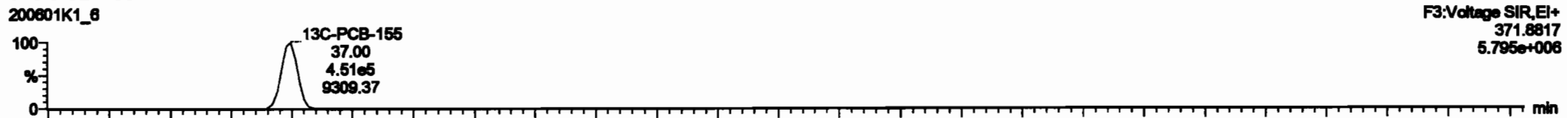


200601K1\_6

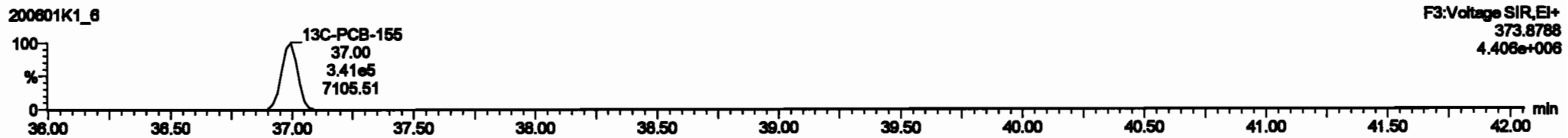


**13C-PCB-155**

200601K1\_6

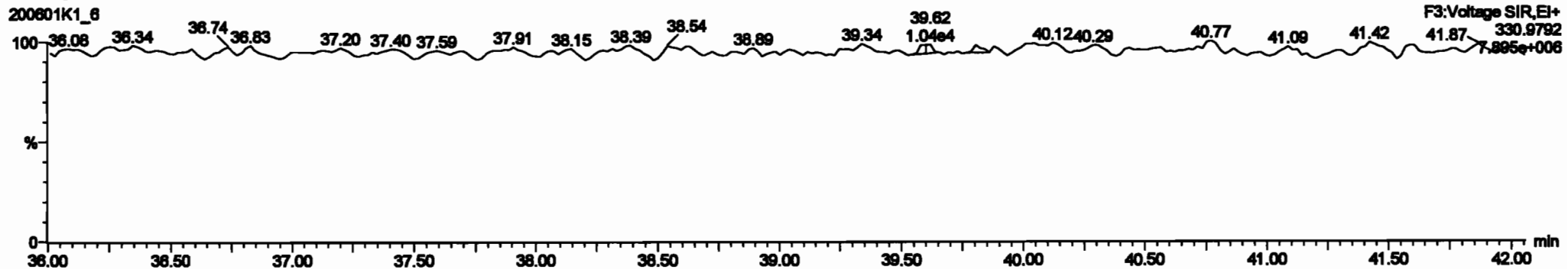


200601K1\_6



**PFK3c**

200601K1\_6





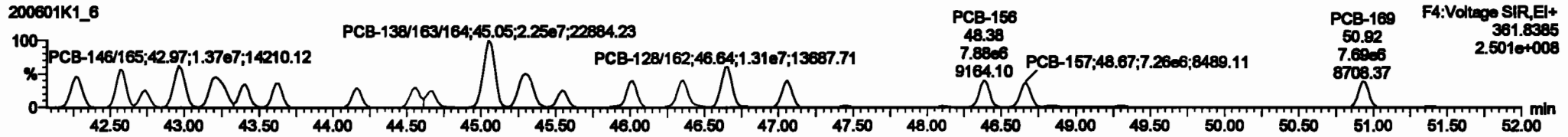
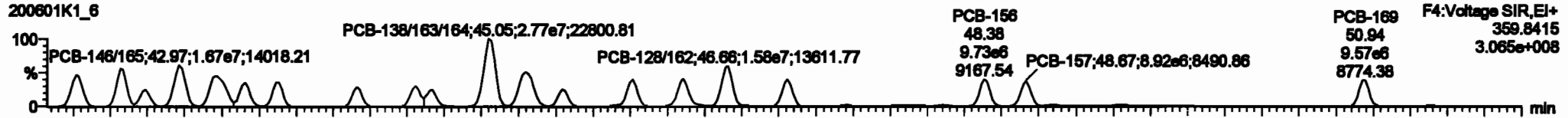


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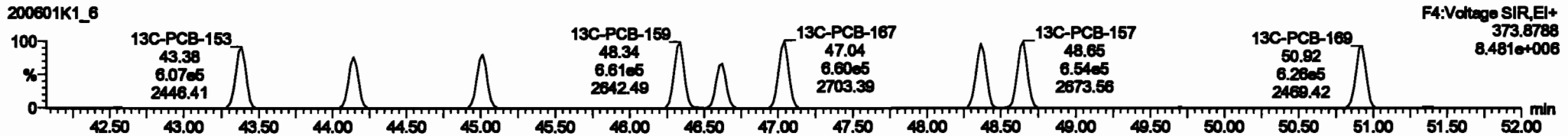
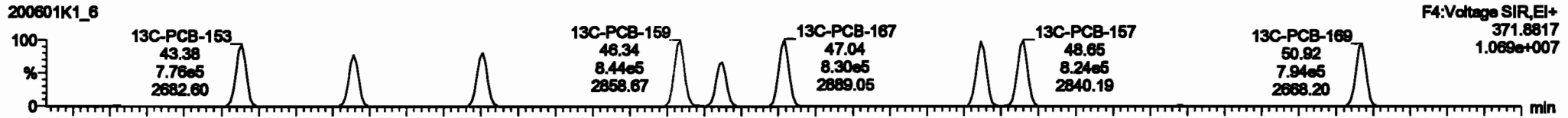
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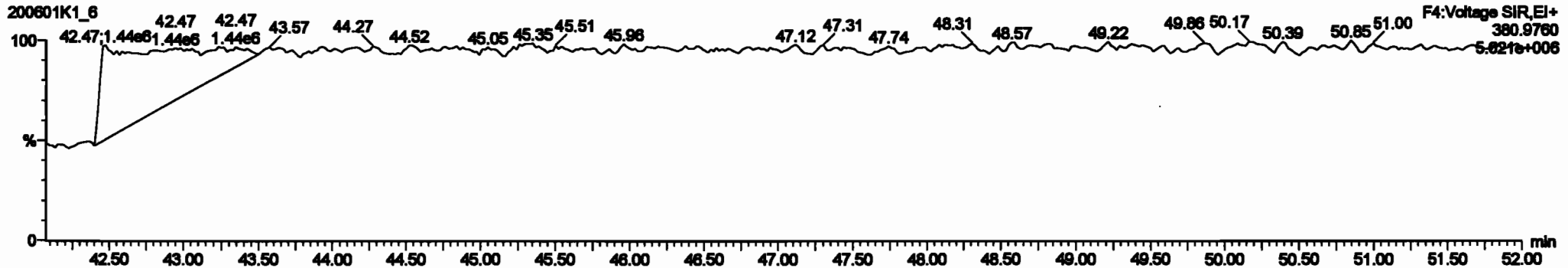
PCB-134/143



13C-PCB-153



PFK4b





Dataset: Untitled

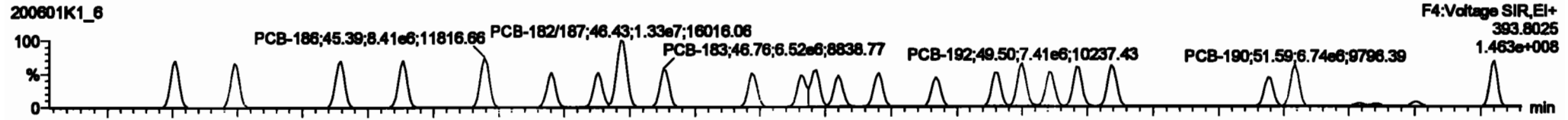
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

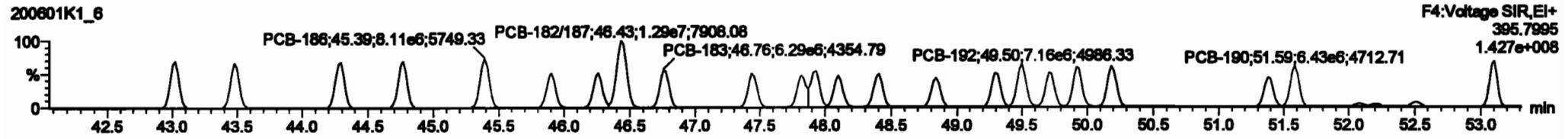
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**PCB-188**

200601K1\_6

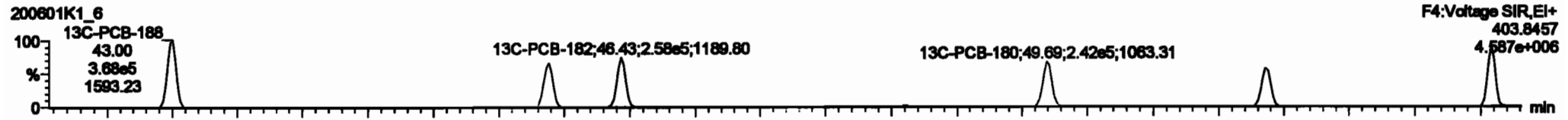


200601K1\_6

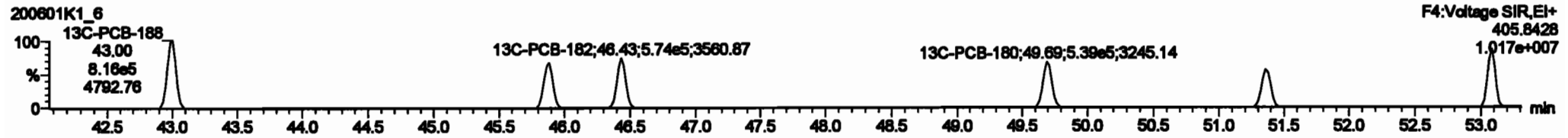


**13C-PCB-188**

200601K1\_6

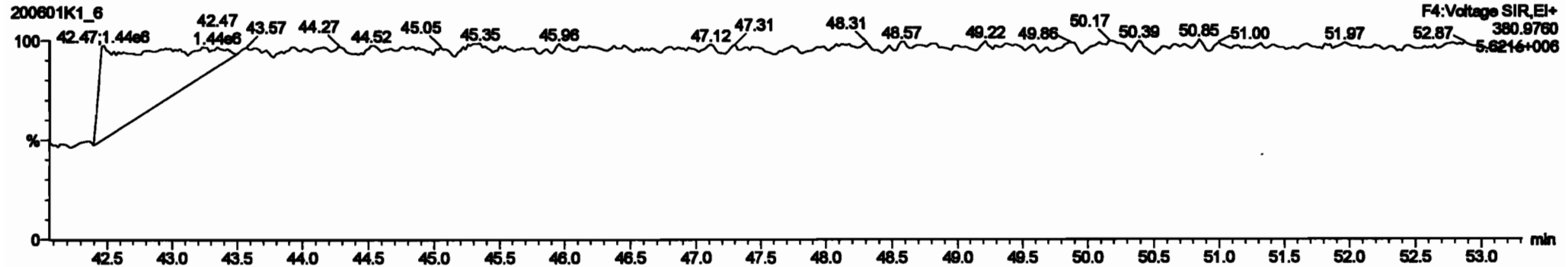


200601K1\_6



**PFK4c**

200601K1\_6



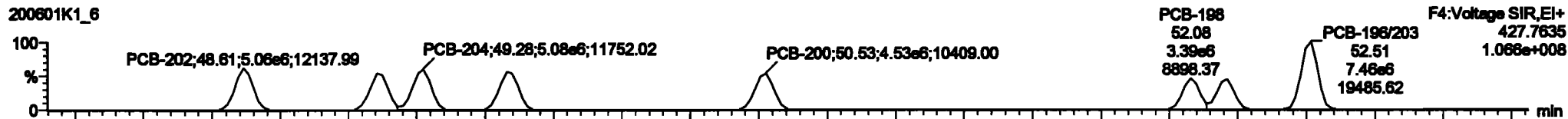
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

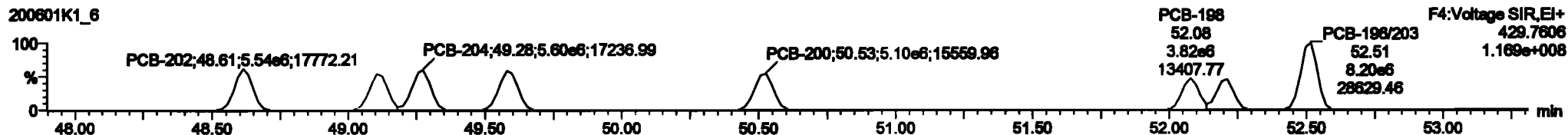
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-202**

200601K1\_6

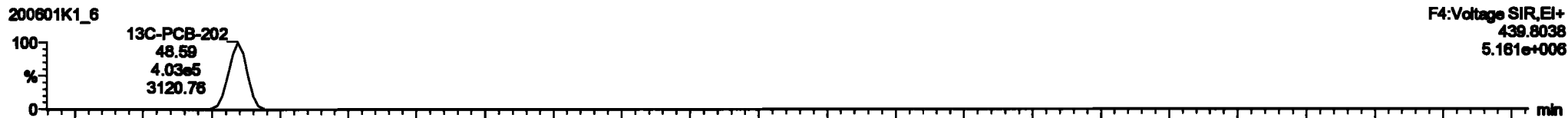


200601K1\_6

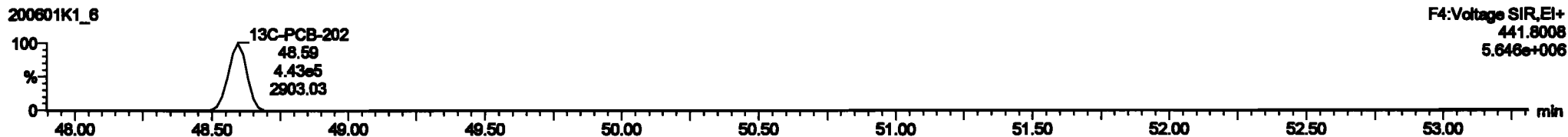


**13C-PCB-202**

200601K1\_6

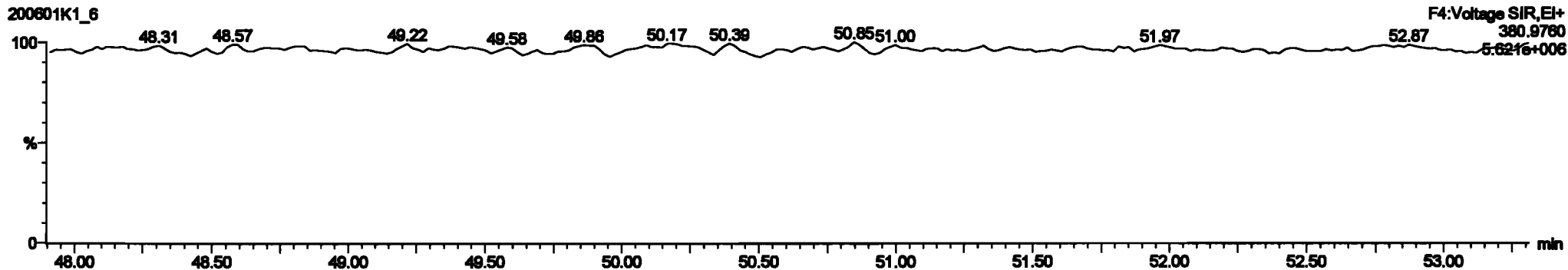


200601K1\_6



**PFK4d**

200601K1\_6



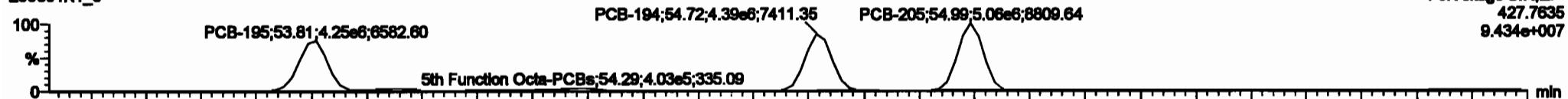
Dataset: Untitled

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

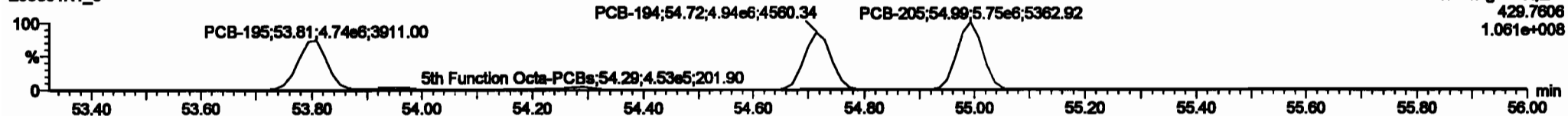
**PCB-195**

200601K1\_6



F5:Voltage SIR,EI+  
427.7635  
9.434e+007

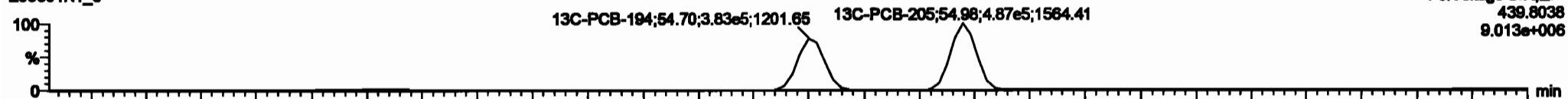
200601K1\_6



F5:Voltage SIR,EI+  
429.7606  
1.061e+008

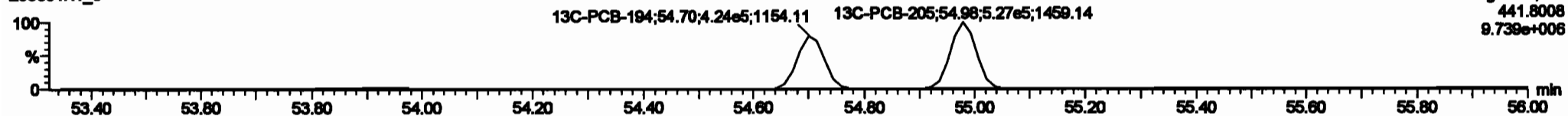
**13C-PCB-194**

200601K1\_6



F5:Voltage SIR,EI+  
439.8038  
9.013e+006

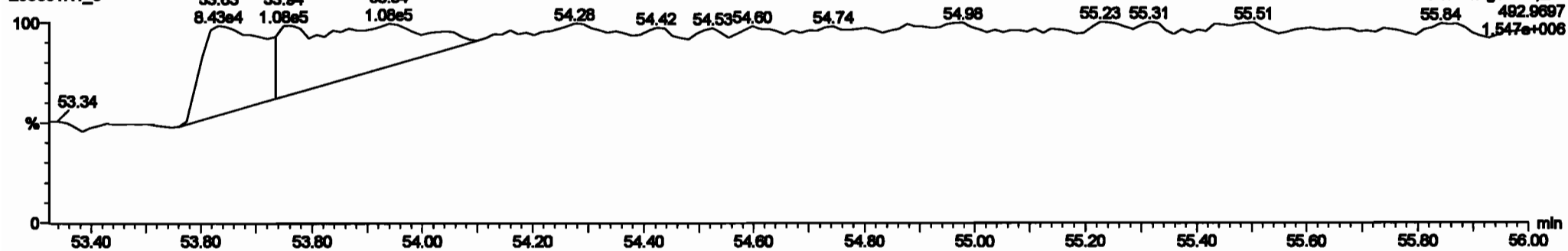
200601K1\_6



F5:Voltage SIR,EI+  
441.8008  
9.739e+006

**PFK5a**

200601K1\_6



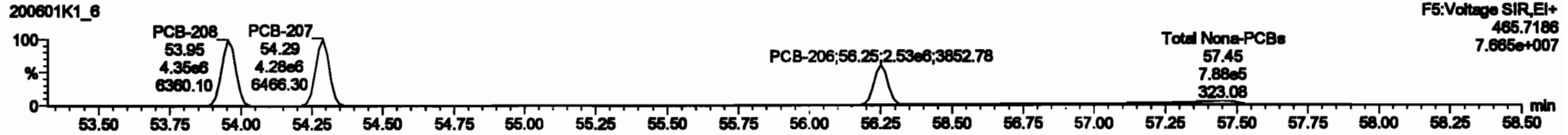
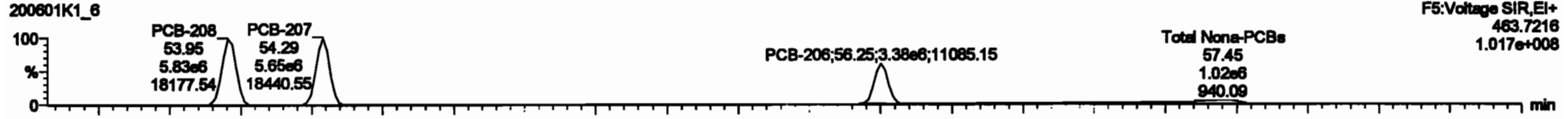
F5:Voltage SIR,EI+  
492.9697  
1.547e+006

Dataset: Untitled

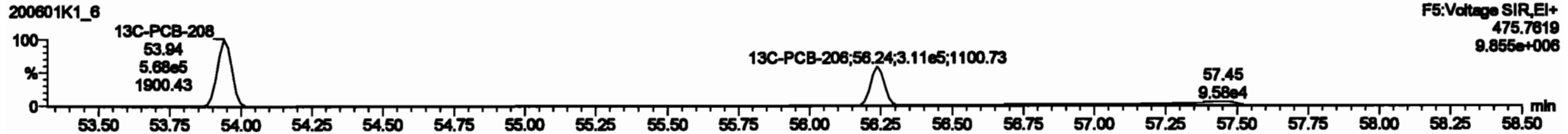
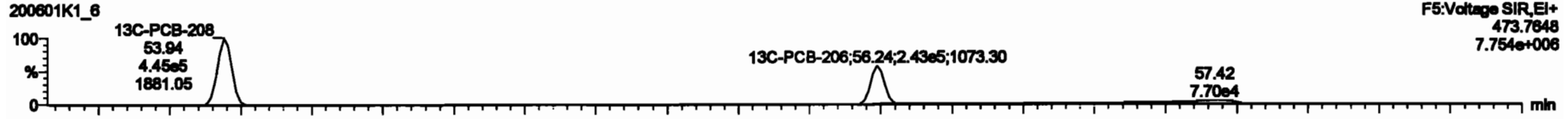
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

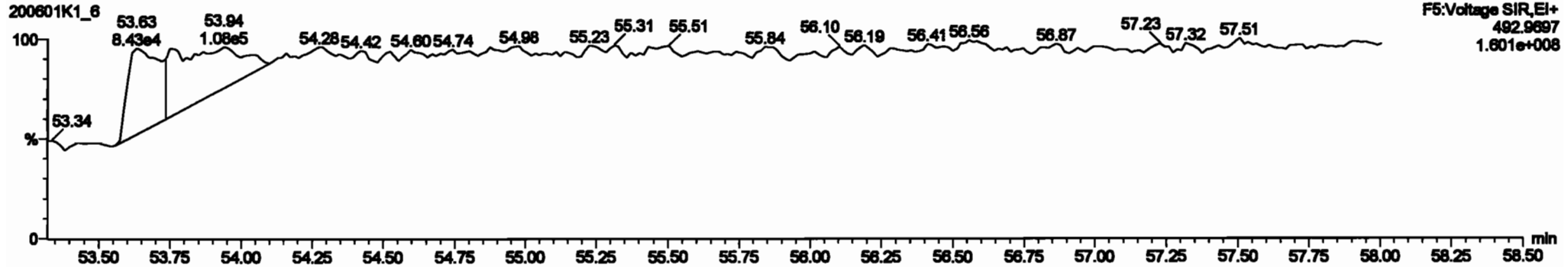
**PCB-208**



**13C-PCB-208**



**PFK5**



Dataset: Untitled

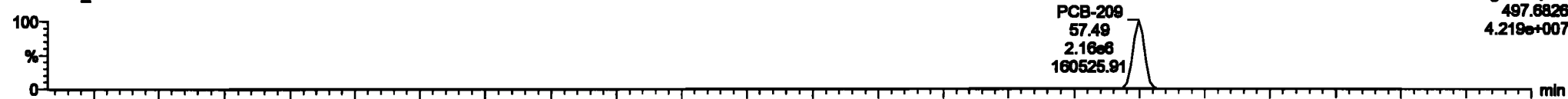
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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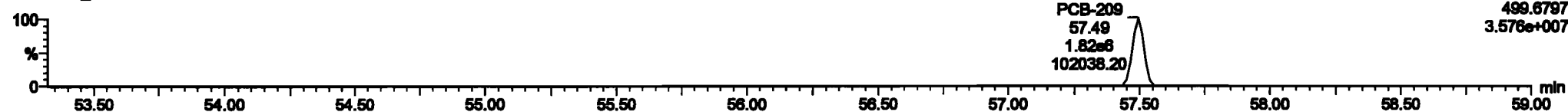
**PCB-209**

200601K1\_6



F5:Voltage SIR,EI+  
497.6826  
4.219e+007

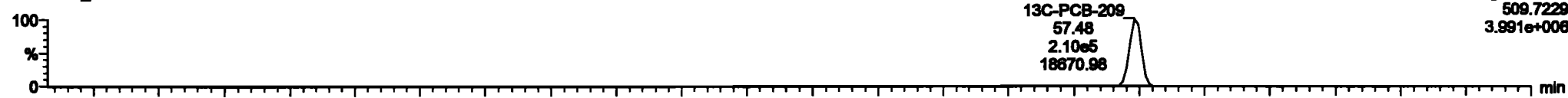
200601K1\_6



F5:Voltage SIR,EI+  
499.6797  
3.576e+007

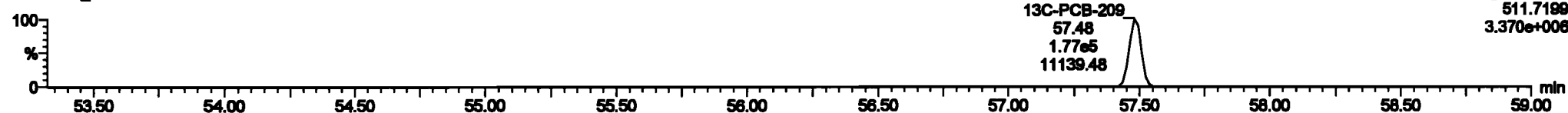
**13C-PCB-209**

200601K1\_6



F5:Voltage SIR,EI+  
509.7229  
3.991e+008

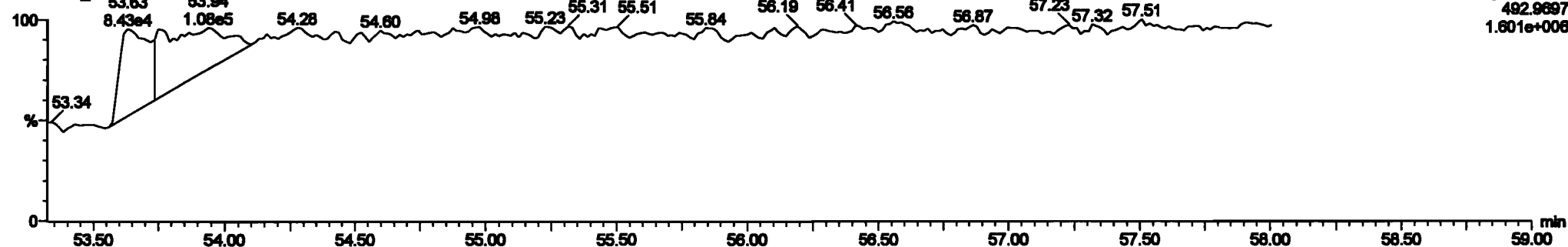
200601K1\_6



F5:Voltage SIR,EI+  
511.7199  
3.370e+008

**PFK5b**

200601K1\_6

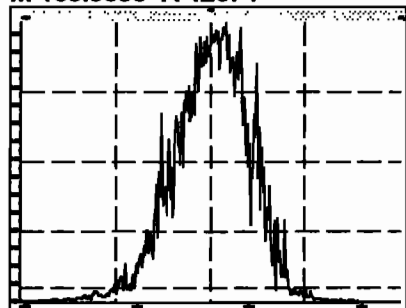


F5:Voltage SIR,EI+  
492.9897  
1.601e+006

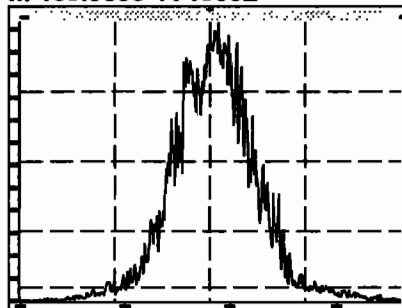


Printed: Tuesday, June 02, 2020 02:33:38 Pacific Daylight Time

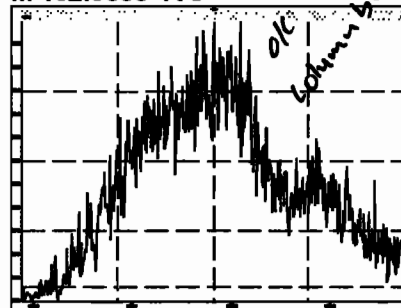
M 168.9888 R 12074



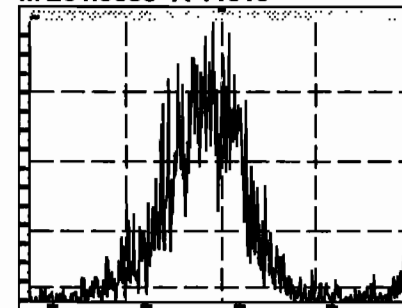
M 180.9888 R 10992



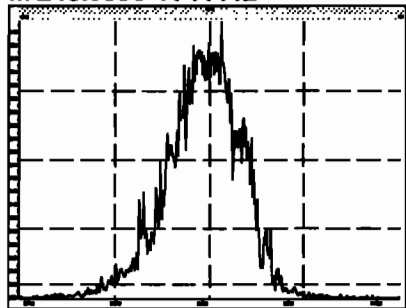
M 192.9888 R 0



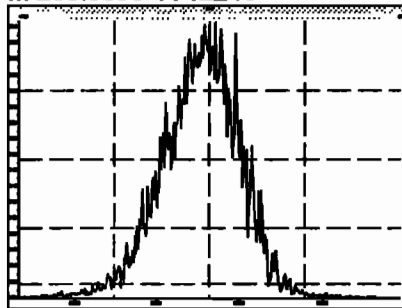
M 204.9888 R 14010



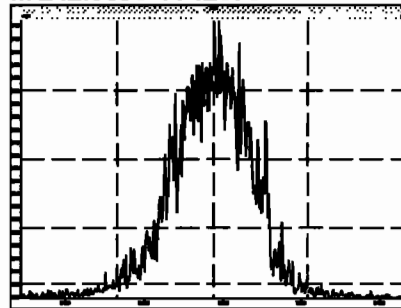
M 218.9856 R 11112



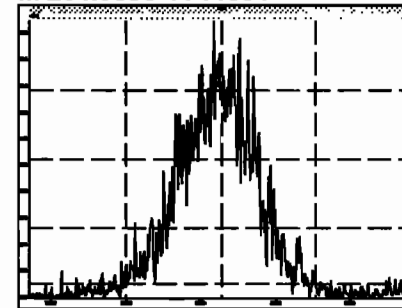
M 230.9856 R 12243



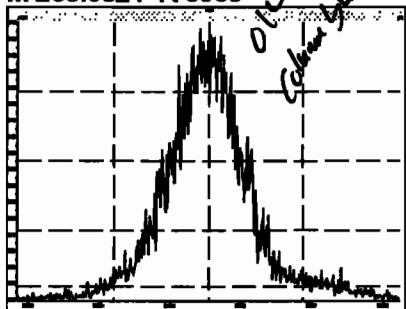
M 242.9856 R 12373



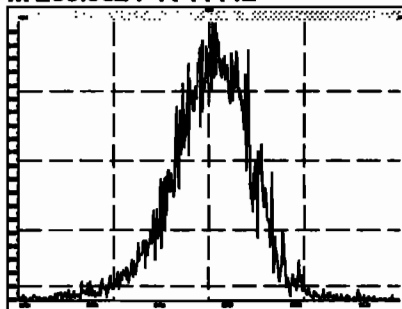
M 254.9856 R 11834



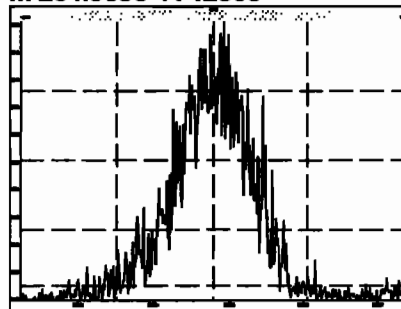
M 268.9824 R 9960



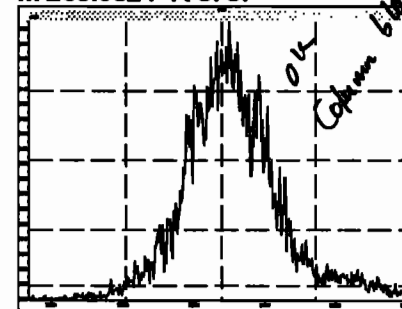
M 280.9824 R 11142



M 254.9856 R 12563

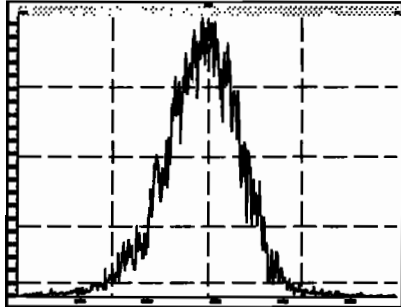


M 268.9824 R 8787

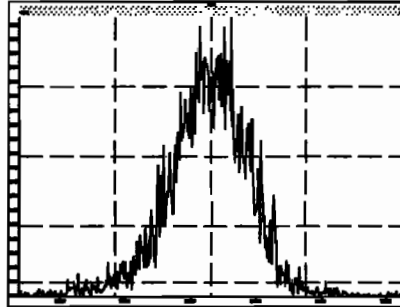


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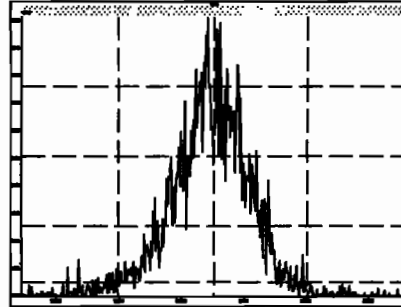
M 280.9824 R 11061



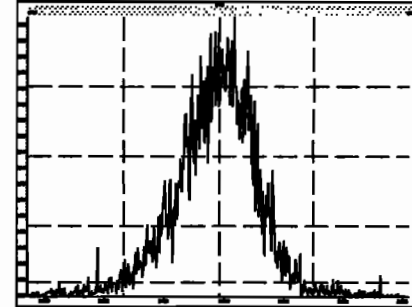
M 292.9824 R 12537



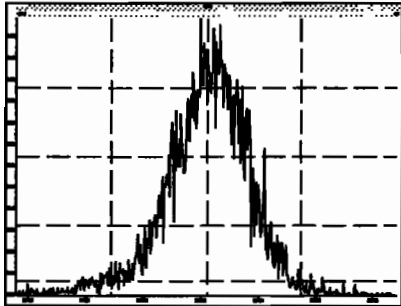
M 304.9824 R 11934



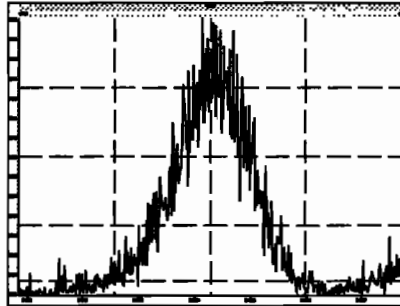
M 318.9792 R 11884



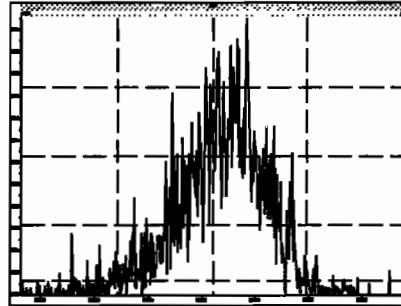
M 330.9792 R 11739



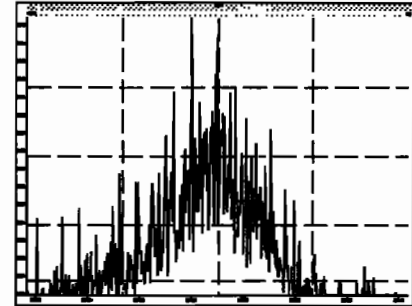
M 342.9792 R 11684



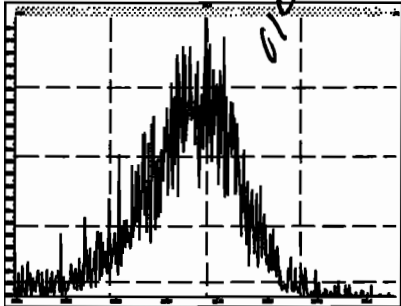
M 354.9792 R 12435



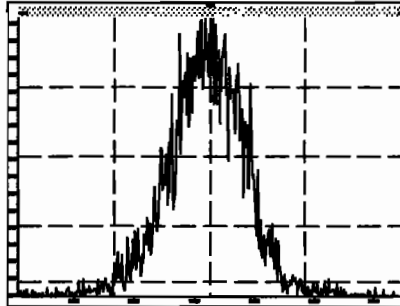
M 366.9792 R 14946



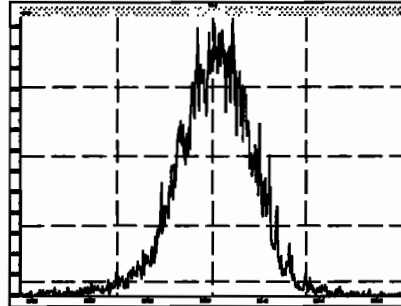
M 380.9760 R 9943



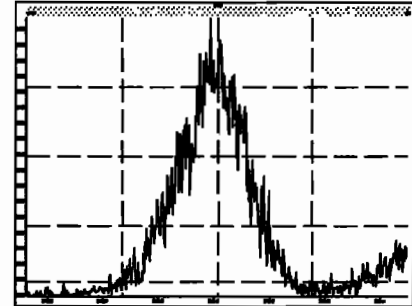
M 318.9792 R 12965



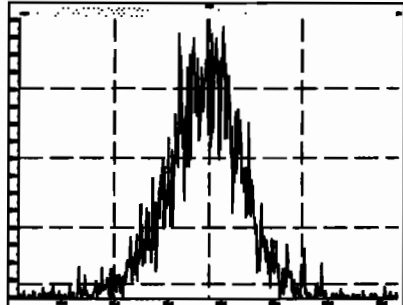
M 330.9792 R 11994



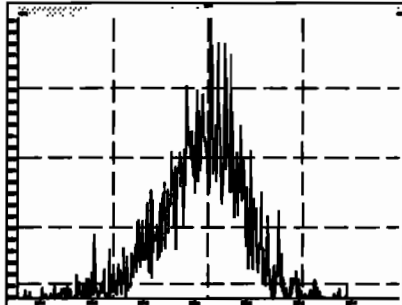
M 342.9792 R 12362



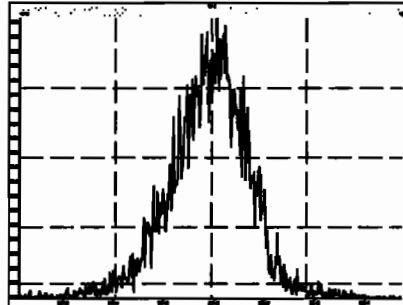
M 354.9792 R 12987



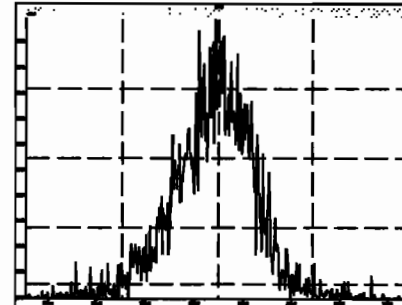
M 366.9792 R 13158



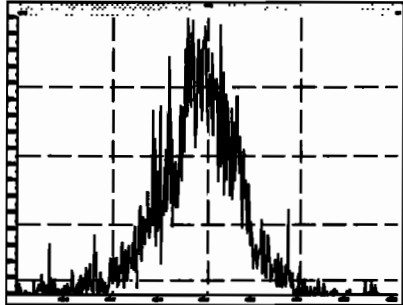
M 380.9760 R 12073



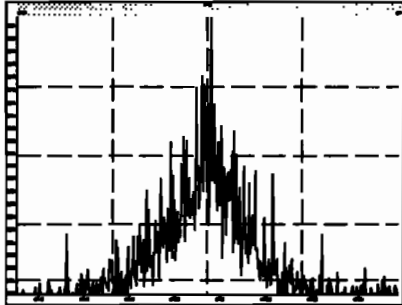
M 392.9760 R 12563



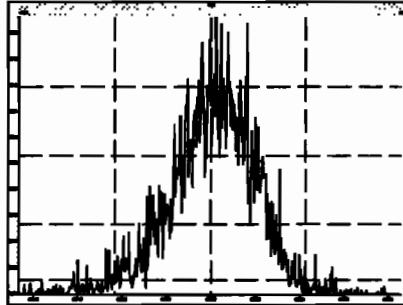
M 404.9760 R 12606



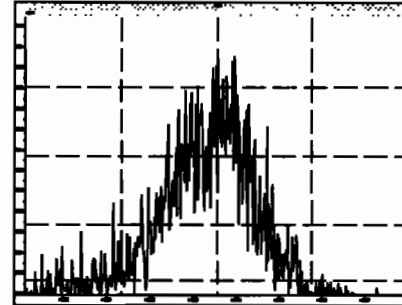
M 416.9760 R 14256



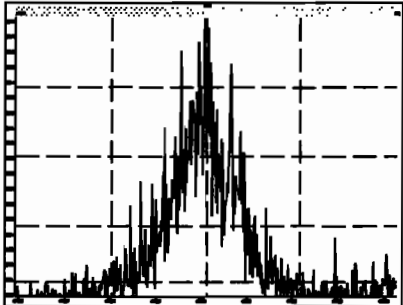
M 430.9728 R 12412



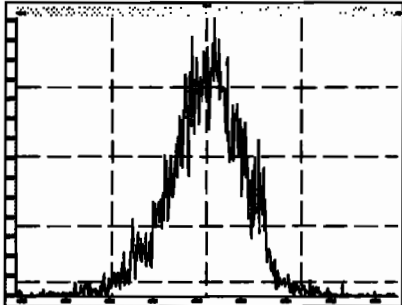
M 442.9728 R 13628



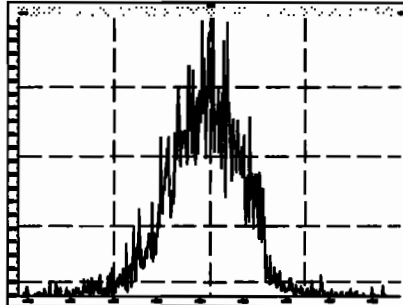
M 416.9760 R 17080



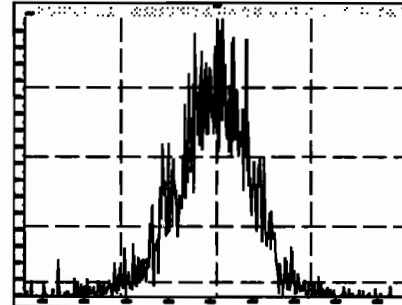
M 430.9728 R 12224



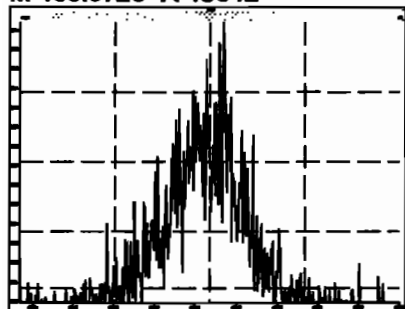
M 442.9728 R 13021



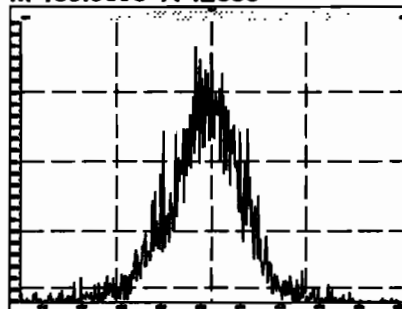
M 454.9728 R 14353



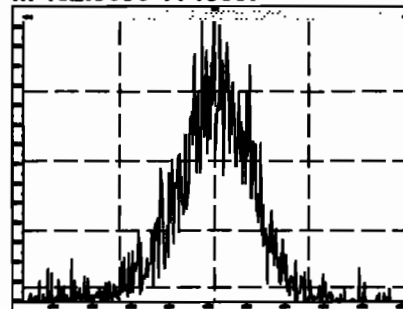
M 466.9728 R 15642



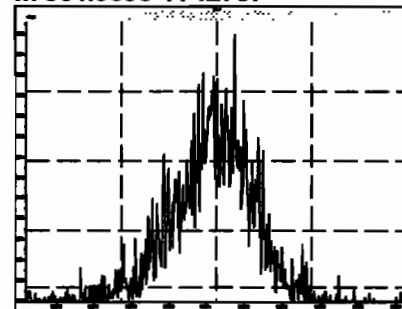
M 480.9696 R 12883



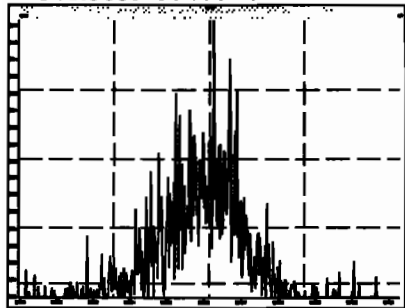
M 492.9696 R 13097



M 504.9696 R 12787



M 516.9697 R 19564



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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*h 5.2.2020*

*06/02/2020*

Method: Untitled 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\vb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	RI	RRF	wt/wt	Prod.RT	RT	Prod.RI	RII	Check RFI	Conc	WRec	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

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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	FA	n/y	RPD	w/Std	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	

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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	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	

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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Comp	RA	Qty	RRP	w/Vol	Prod RT	RT	Prod FL	RRT	Check RRT	Comp	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	1.000	40.90		1.105		YES			0.0402	
106	1... PCB-135			NO	0.922	1.000	41.13		1.112		YES			0.0343	
107	1... PCB-144			NO	0.789	1.000	41.24		1.115		YES			0.0400	
108	1... PCB-147			NO	0.834	1.000	41.37		1.118		YES			0.0379	
109	1... PCB-139/149	2.83e5	1.29	NO	0.948	1.000	41.64	41.61	1.125	1.125	NO	43.47		0.0333	43.47
110	1... PCB-140			NO	0.794	1.000	41.64		1.131		YES			0.0398	
111	1... PCB-134/143			NO	0.759	1.000	42.29		0.975		YES			0.0574	
112	1... PCB-131/133			NO	0.821	1.000	42.59		0.982		YES			0.0531	
113	1... PCB-142			NO	0.754	1.000	42.74		0.985		YES			0.0578	
114	1... PCB-146/165			NO	1.02	1.000	42.98		0.991		YES			0.0429	
115	1... PCB-132/161			NO	1.02	1.000	43.22		0.998		YES			0.0425	
116	1... PCB-153	5.68e5	1.23	NO	1.07	1.000	43.40	43.40	1.000	1.000	NO	46.28		0.0407	46.28
117	1... PCB-168			NO	1.08	1.000	43.63		1.006		YES			0.0404	
118	1... PCB-141			NO	1.03	1.000	44.16		1.000		YES			0.0508	
119	1... PCB-137			NO	1.11	1.000	44.56		1.010		YES			0.0468	
120	1... PCB-130			NO	0.885	1.000	44.66		1.012		YES			0.0587	
121	1... PCB-138/163/164	4.98e5	1.23	NO	1.28	1.000	45.05	45.03	1.001	1.000	NO	38.87	36.9	0.0393	38.87
122	1... PCB-158/160			NO	1.24	1.000	45.30		1.006		YES			0.0407	
123	1... PCB-129			NO	0.867	1.000	45.56		1.012		YES			0.0582	
124	1... PCB-166			NO	1.14	1.000	46.02		0.993		YES			0.0372	
125	1... PCB-159			NO	1.22	1.000	46.36		1.000		YES			0.0350	
126	1... PCB-128/162	6.25e5	1.23	NO	0.907	1.000	46.64	46.66	1.007	1.007	NO	57.08		0.0469	57.08
127	1... PCB-167	6.67e5	1.24	NO	1.11	1.000	47.06	47.06	1.000	1.000	NO	50.25		0.0377	50.25
128	1... PCB-156	5.92e5	1.21	NO	1.13	1.000	48.39	48.38	1.000	1.000	NO	46.00		0.0392	46.00
129	1... PCB-157	6.60e5	1.23	NO	1.04	1.000	46.69	48.67	1.001	1.000	NO	55.54		0.0434	55.54
130	1... PCB-169	5.71e5	1.25	NO	1.16	1.000	50.94	50.94	1.000	1.000	NO	45.51		0.0426	45.51
131	1... PCB-188	6.25e5	1.04	NO	1.29	1.000	43.04	43.02	1.001	1.000	NO	51.05		0.0525	51.05
132	1... PCB-184			NO	1.23	1.000	43.49		1.011		YES			0.0550	
133	1... PCB-179			NO	1.30	1.000	44.29		1.030		YES			0.0522	
134	1... PCB-176			NO	1.31	1.000	44.76		1.041		YES			0.0518	
135	1... PCB-188			NO	1.33	1.000	45.41		1.056		YES			0.0510	
136	1... PCB-178	4.35e5	1.04	NO	0.943	1.000	45.92	45.90	1.088	1.067	NO	48.56		0.0718	48.56
137	1... PCB-175			NO	0.956	1.000	46.26		1.076		YES			0.0708	
138	1... PCB-182/187	4.62e5	1.05	NO	1.07	1.000	46.44	48.43	1.080	1.080	NO	45.61		0.0635	45.61
139	1... PCB-183			NO	1.02	1.000	46.76		1.088		YES			0.0662	
140	1... PCB-185			NO	1.41	1.000	47.44		0.955		YES			0.0779	



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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Comp	FA	ny	RRF	u/ucl	PreclRT	RT	PreclLR	RRT	Check RRT	Comp	KL	DL	EMPC
141	1... PCB-174	4.07e5	1.04	NO	1.35	1.000	47.82	47.82	0.962	0.962	NO	48.49	75-65	0.0809	48.49
142	1... PCB-181			NO	1.47	1.000	47.91		0.964		YES			0.0743	
143	1... PCB-177			NO	1.28	1.000	48.10		0.968		YES			0.0857	
144	1... PCB-171			NO	1.32	1.000	48.38		0.974		YES			0.0832	
145	1... PCB-173			NO	1.19	1.000	48.84		0.963		YES			0.0921	
146	1... PCB-172			NO	1.38	1.000	49.29		0.992		YES			0.0797	
147	1... PCB-192			NO	1.83	1.000	49.48		0.996		YES			0.0800	
148	1... PCB-180	4.72e5	1.03	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.98		0.0776	53.98
149	1... PCB-193			NO	1.68	1.000	49.92		1.005		YES			0.0653	
150	1... PCB-191			NO	1.71	1.000	50.18		1.010		YES			0.0641	
151	1... PCB-170	3.70e5	1.03	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	49.87		0.0889	49.87
152	1... PCB-190			NO	1.85	1.000	51.56		1.004		YES			0.0673	
153	1... PCB-189	4.84e5	1.02	NO	1.45	1.000	53.10	53.10	1.000	1.000	NO	48.57		0.0563	48.57
154	1... PCB-202	4.00e5	0.90	NO	1.17	1.000	48.63	48.61	1.001	1.000	NO	48.62		0.0325	48.62
155	1... PCB-201			NO	1.05	1.000	49.10		1.010		YES			0.0361	
156	1... PCB-204			NO	1.14	1.000	49.26		1.014		YES			0.0333	
157	1... PCB-197			NO	1.13	1.000	49.58		1.020		YES			0.0335	
158	1... PCB-200	3.56e5	0.90	NO	1.07	1.000	50.51	50.53	1.039	1.040	NO	47.30		0.0355	47.30
159	1... PCB-198			NO	0.794	1.000	52.08		1.072		YES			0.0478	
160	1... PCB-199			NO	0.809	1.000	52.19		1.074		YES			0.0469	
161	1... PCB-196/203	2.68e5	0.89	NO	0.838	1.000	52.52	52.51	1.081	1.081	NO	45.47		0.0453	45.47
162	1... PCB-195	3.17e5	0.91	NO	1.04	1.000	53.80	53.81	0.964	0.984	NO	50.09		0.113	50.09
163	1... PCB-194	3.10e5	0.87	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	45.83		0.106	45.83
164	1... PCB-205	3.70e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	47.35		0.0916	47.35
165	1... PCB-208	3.79e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	49.81		0.0505	49.81
166	1... PCB-207			NO	0.916	1.000	54.27		1.006		YES			0.0515	
167	1... PCB-206	2.04e5	1.31	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	47.01		0.0860	47.01
168	1... PCB-209	1.50e5	1.19	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18	41	0.0103	52.18
169	1... 13C-PCB-1	2.21e6	3.38	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	101.9	102	0.0672	
170	1... 13C-PCB-3	2.27e6	3.33	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	102.6	103	0.0859	
171	1... 13C-PCB-4	1.48e6	1.57	NO	0.600	1.000	19.52	19.53	0.765	0.785	NO	101.3	101	0.0291	
172	1... 13C-PCB-9	2.39e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	101.7	102	0.0180	
173	1... 13C-PCB-11	2.32e6	1.58	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.61	99.6	0.0182	
174	1... 13C-PCB-19	1.24e6	1.04	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	102.7	103	0.414	
175	1... 13C-PCB-32	1.82e6	1.03	NO	0.744	1.000	26.75	26.76	1.048	1.048	NO	100.7	101	0.278	
176	1... 13C-PCB-28	2.08e6	1.02	NO	1.08	1.000	28.77	28.77	1.004	1.004	NO	99.64	99.6	0.289	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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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/w	Prod RT	RT	Prod LR	RRT	Check RRT	Conc	%Rec	DI	EMPC
177	1... 13C-PCB-37	1.86e6	1.04	NO	0.989	1.000	32.75	32.77	1.143	1.143	NO	95.79	95.8	0.289	
178	1... 13C-PCB-54	1.81e6	0.80	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	101.4	101	0.0659	
179	1... 13C-PCB-52	1.29e6	0.77	NO	0.804	1.000	31.27	31.26	0.852	0.852	NO	100.5	100	0.0819	
180	1... 13C-PCB-47	1.39e6	0.78	NO	0.857	1.000	31.79	31.78	0.866	0.866	NO	102.0	102	0.0768	
181	1... 13C-PCB-70	1.59e6	0.79	NO	0.996	1.000	35.43	35.41	0.985	0.985	NO	100.3	100	0.0661	
182	1... 13C-PCB-80	1.61e6	0.78	NO	1.03	1.000	35.65	35.84	0.977	0.977	NO	98.54	98.5	0.0640	
183	1... 13C-PCB-81	1.53e6	0.78	NO	0.988	1.000	39.06	39.04	1.064	1.064	NO	97.41	97.4	0.0666	
184	1... 13C-PCB-77	1.50e6	0.79	NO	0.989	1.000	39.68	39.66	1.061	1.061	NO	97.40	97.4	0.0660	
185	1... 13C-PCB-104	1.11e6	1.63	NO	1.02	1.000	32.47	32.46	0.827	0.827	NO	100.9	101	0.0381	
186	1... 13C-PCB-95	8.62e5	1.64	NO	0.805	1.000	35.72	35.73	0.910	0.910	NO	99.28	99.3	0.0481	
187	1... 13C-PCB-101	8.44e5	1.64	NO	0.793	1.000	37.48	37.46	0.954	0.954	NO	98.77	98.8	0.0489	
188	1... 13C-PCB-97	7.45e5	1.65	NO	0.696	1.000	38.82	38.62	0.989	0.989	NO	99.17	99.2	0.0557	
189	1... 13C-PCB-123	1.01e6	1.67	NO	0.933	1.000	41.46	41.46	1.056	1.056	NO	99.89	99.9	0.0416	
190	1... 13C-PCB-118	1.03e6	1.62	NO	0.986	1.000	41.85	41.85	1.061	1.061	NO	97.34	97.3	0.0393	
191	1... 13C-PCB-114	1.25e6	1.55	NO	1.55	1.000	42.32	42.32	0.908	0.908	NO	94.22	94.2	0.0809	
192	1... 13C-PCB-105	1.28e6	1.56	NO	1.57	1.000	43.21	43.21	0.927	0.927	NO	95.20	95.2	0.0796	
193	1... 13C-PCB-127	1.30e6	1.56	NO	1.62	1.000	43.56	43.55	0.934	0.934	NO	93.64	93.6	0.0770	
194	1... 13C-PCB-126	1.25e6	1.58	NO	1.57	1.000	45.53	45.52	0.976	0.976	NO	93.40	93.4	0.0798	
195	1... 13C-PCB-155	6.87e5	1.29	NO	0.615	1.000	37.00	37.00	0.942	0.942	NO	103.6	104	0.0326	
196	1... 13C-PCB-153	1.15e6	1.24	NO	1.36	1.000	43.37	43.38	0.930	0.931	NO	98.32	98.3	0.0878	
197	1... 13C-PCB-141	9.61e5	1.27	NO	1.13	1.000	44.14	44.14	0.947	0.947	NO	99.66	99.7	0.106	
198	1... 13C-PCB-138	9.99e5	1.26	NO	1.18	1.000	45.01	45.01	0.985	0.985	NO	96.63	96.6	0.101	
199	1... 13C-PCB-159	1.21e6	1.26	NO	1.44	1.000	46.33	46.34	0.994	0.994	NO	98.13	98.1	0.0832	
200	2... 13C-PCB-167	1.20e6	1.28	NO	1.44	1.000	47.04	47.04	1.009	1.009	NO	97.25	97.3	0.0832	
201	2... 13C-PCB-156	1.14e6	1.27	NO	1.40	1.000	46.39	46.37	1.038	1.037	NO	95.71	95.7	0.0858	
202	2... 13C-PCB-157	1.14e6	1.27	NO	1.40	1.000	46.65	46.65	1.043	1.043	NO	95.86	95.9	0.0858	
203	2... 13C-PCB-169	1.08e6	1.26	NO	1.33	1.000	50.93	50.92	1.092	1.092	NO	95.29	95.3	0.0900	
204	2... 13C-PCB-188	9.50e5	0.45	NO	1.41	1.000	42.99	43.00	0.926	0.926	NO	100.3	100	0.0865	
205	2... 13C-PCB-180	6.20e5	0.44	NO	0.929	1.000	49.69	49.69	1.070	1.070	NO	99.28	99.3	0.131	
206	2... 13C-PCB-170	5.29e5	0.46	NO	0.794	1.000	51.36	51.38	1.106	1.106	NO	99.16	99.2	0.153	
207	2... 13C-PCB-189	6.86e5	0.46	NO	1.04	1.000	53.06	53.08	1.143	1.143	NO	97.68	97.7	0.117	
208	2... 13C-PCB-202	7.04e5	0.93	NO	1.04	1.000	48.59	48.59	1.046	1.047	NO	101.1	101	0.0796	
209	2... 13C-PCB-194	6.06e5	0.91	NO	0.768	1.000	54.72	54.70	0.995	0.995	NO	99.49	99.5	0.195	
210	2... 13C-PCB-208	6.16e5	0.77	NO	0.991	1.000	53.94	53.94	0.981	0.981	NO	103.8	104	0.137	
211	2... 13C-PCB-206	4.31e5	0.78	NO	0.552	1.000	56.24	56.24	1.023	1.023	NO	98.29	98.3	0.246	
212	2... 13C-PCB-209	2.91e5	1.17	NO	0.396	1.000	57.49	57.48	1.046	1.046	NO	92.65	92.6	0.0202	

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Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	Hy	RFP	wAve	Prod RT	RT	Prod R...	RRT	Check RRT	Comp	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.43e6	1.56	NO	1.00	1.000	25.53	25.53	1.000	0.000	NO	100.0	100	0.0175	
214	2... 13C-PCB-31	1.96e6	1.05	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.286	
215	2... 13C-PCB-60	1.59e6	0.78	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0658	
216	2... 13C-PCB-111	1.08e6	1.65	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0388	
217	2... 13C-PCB-128	8.55e5	1.27	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.120	
218	2... 13C-PCB-182	6.72e5	0.47	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	2... 13C-PCB-205	7.94e5	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.149	
220	2... 13C-PCB-79	1.70e6	0.78	NO	1.07	1.000	37.60	37.78	1.030	1.029	NO	100.0	100	0.0616	
221	2... 13C-PCB-178	6.89e5	0.44	NO	0.766	1.000	45.89	45.88	0.988	0.988	NO	105.2	105	0.128	
222	2... 13C-PCB-79	1.70e6	0.78	NO	1.08	1.000	37.78	37.78	0.968	0.988	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  
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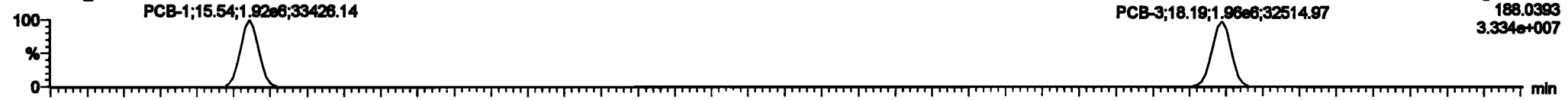
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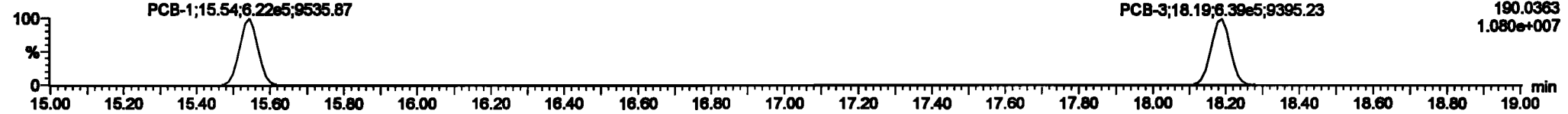
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**PCB-1**

200601K1\_7

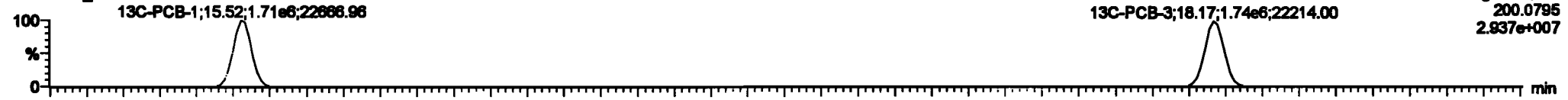


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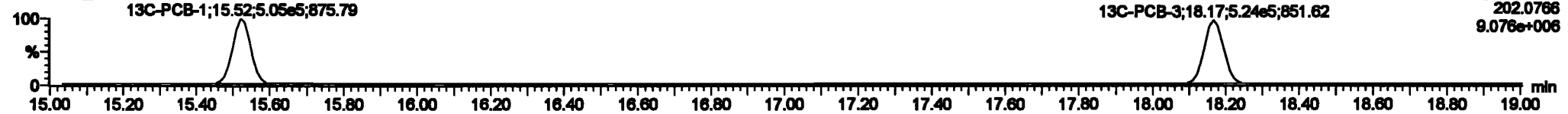


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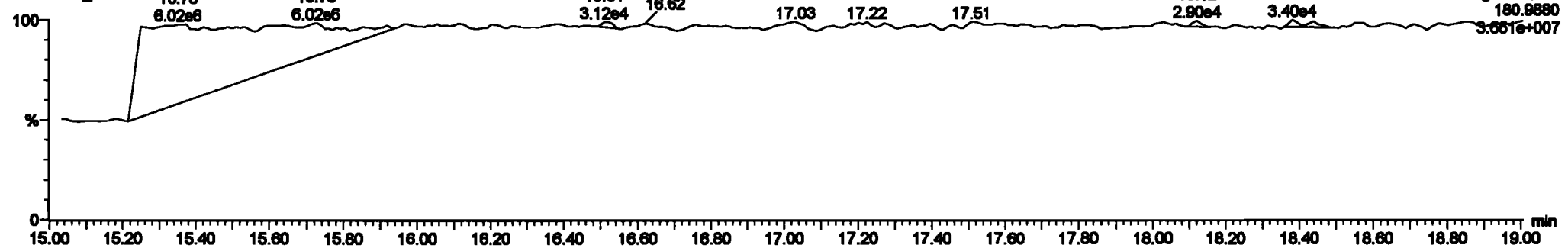


200601K1\_7



**PFK1**

200601K1\_7

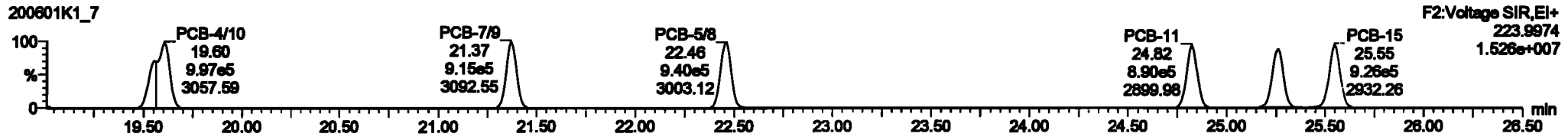
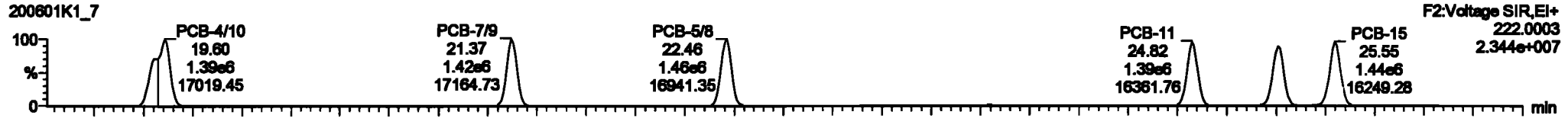


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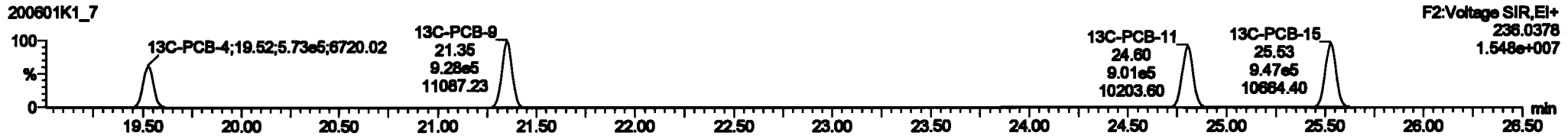
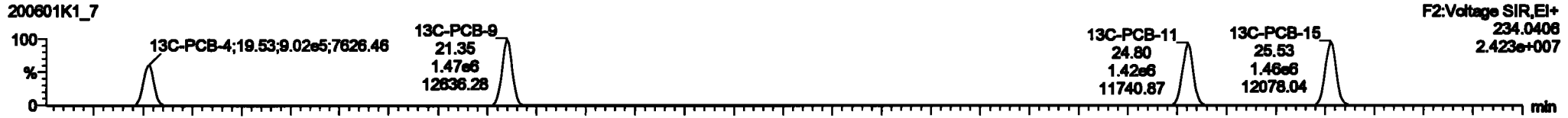
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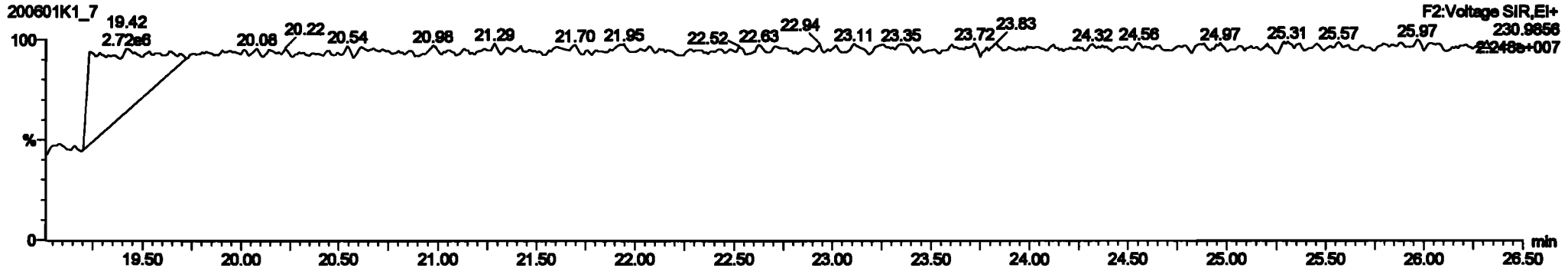
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**13C-PCB-4**



**PFK2a**





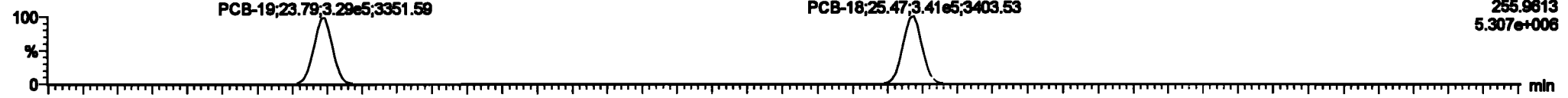
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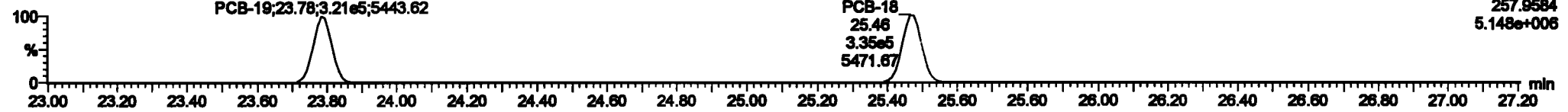
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PCB-19

200601K1\_7

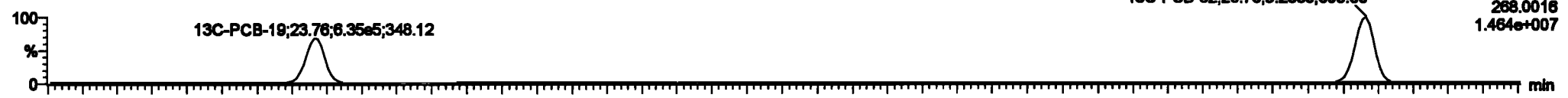


200601K1\_7



13C-PCB-19

200601K1\_7

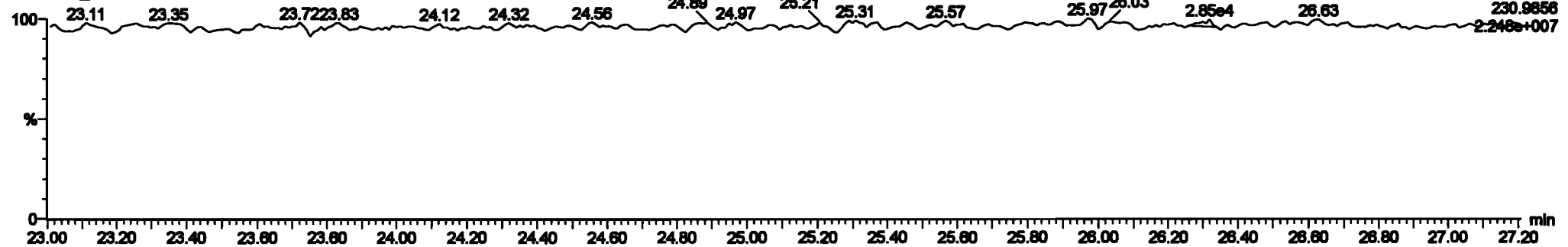


200601K1\_7



PFK2b

200601K1\_7



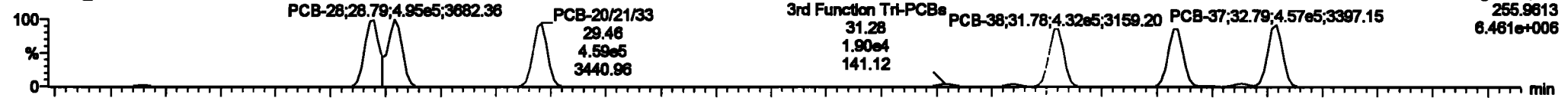
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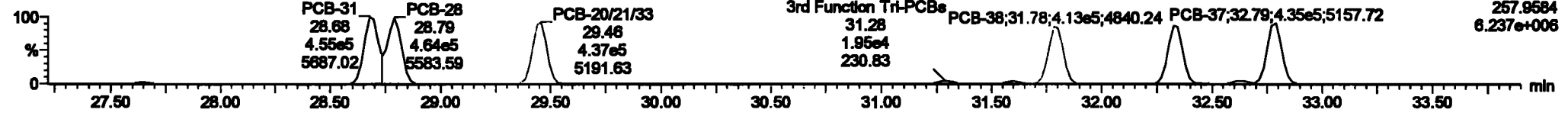
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**PCB-34**

200601K1\_7



200601K1\_7

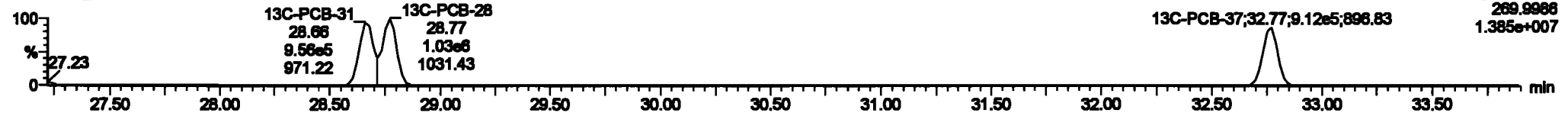


**13C-PCB-28**

200601K1\_7

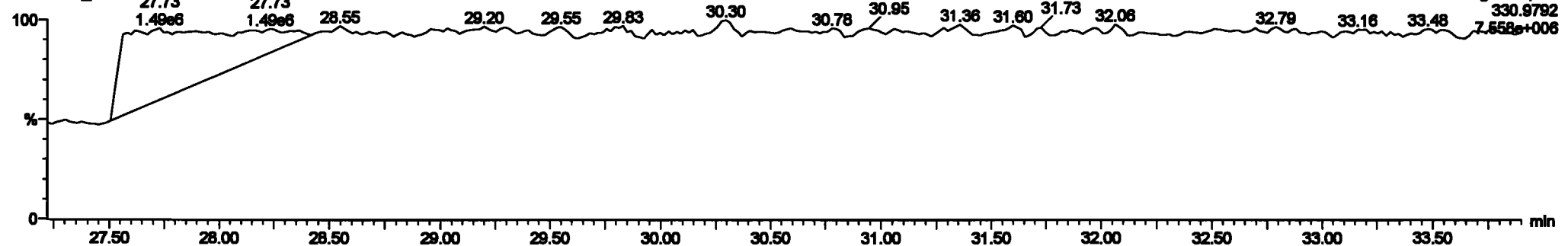


200601K1\_7



**PFK3d**

200601K1\_7



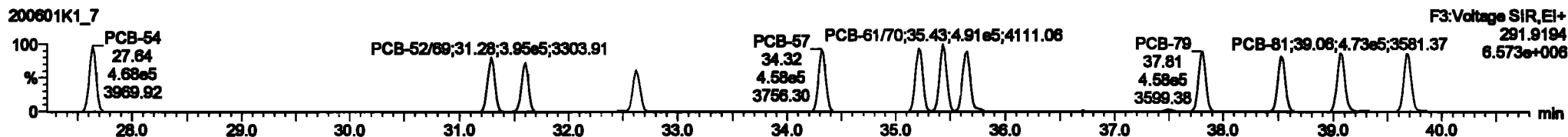
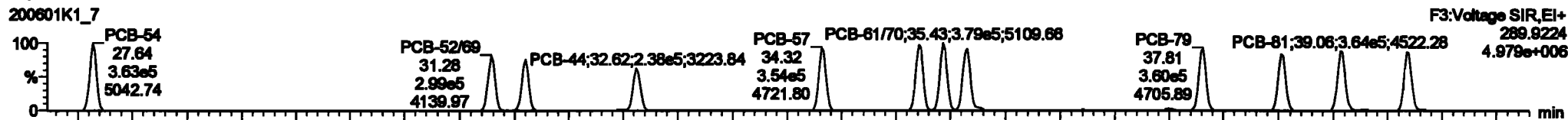


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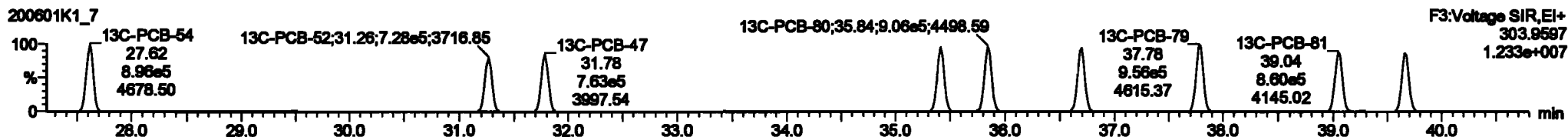
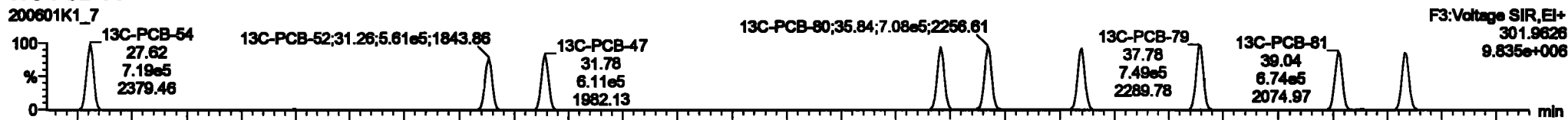
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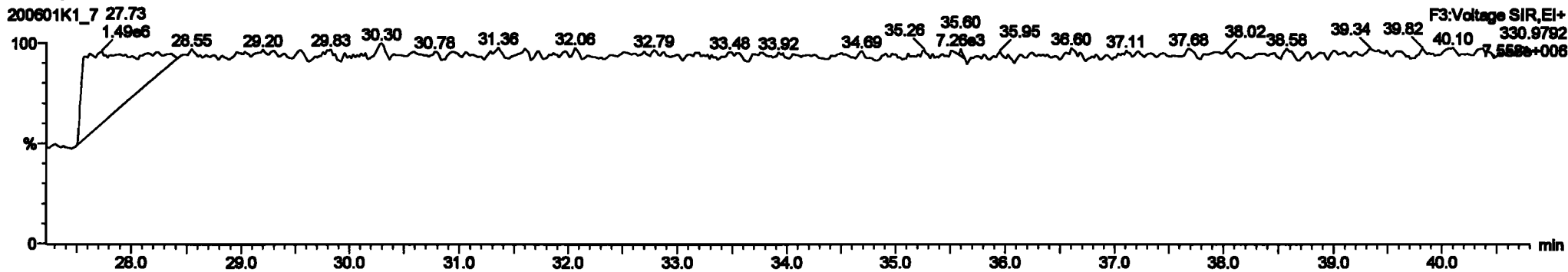
PCB-54



13C-PCB-54



PFK3a



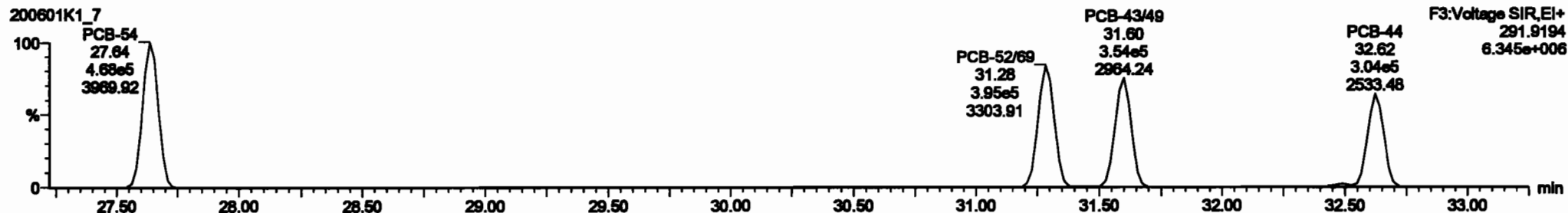
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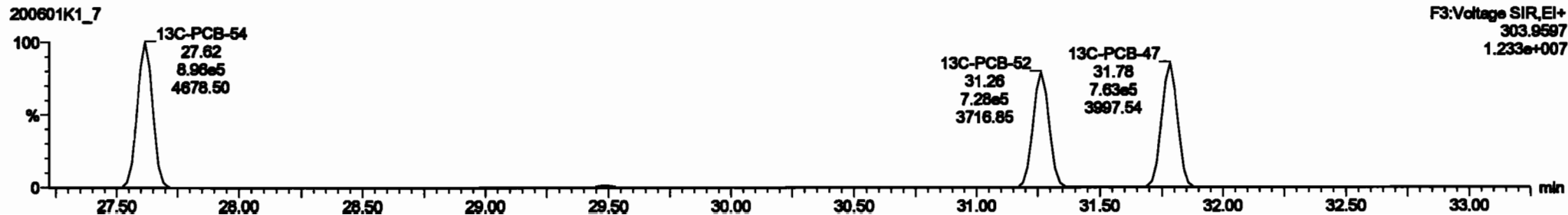
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**PCB-50**



**13C-PCB-52**



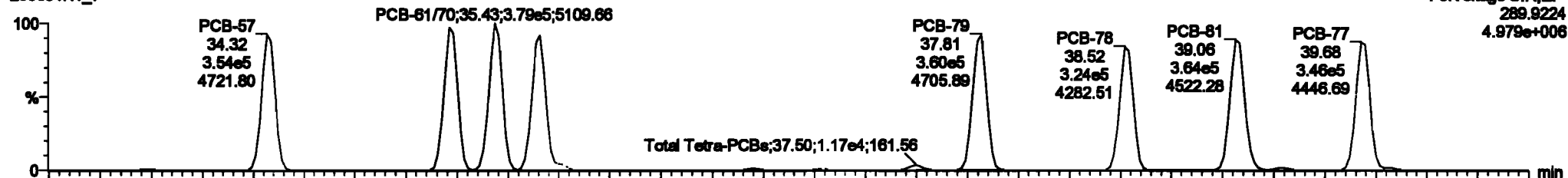
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

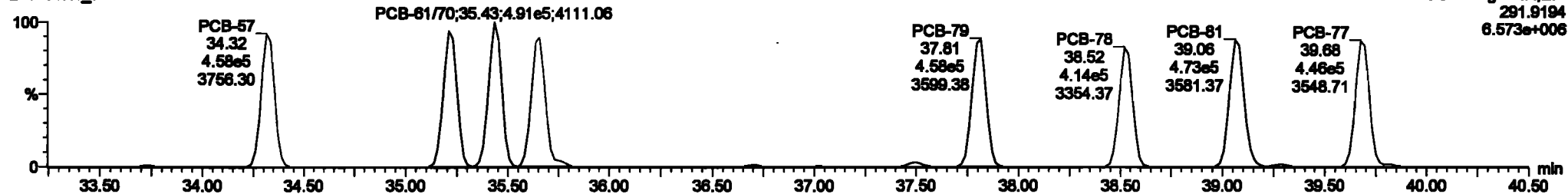
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PCB-68

200601K1\_7

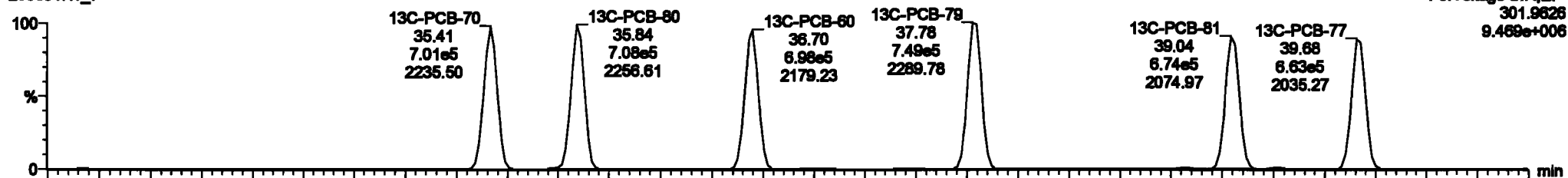


200601K1\_7

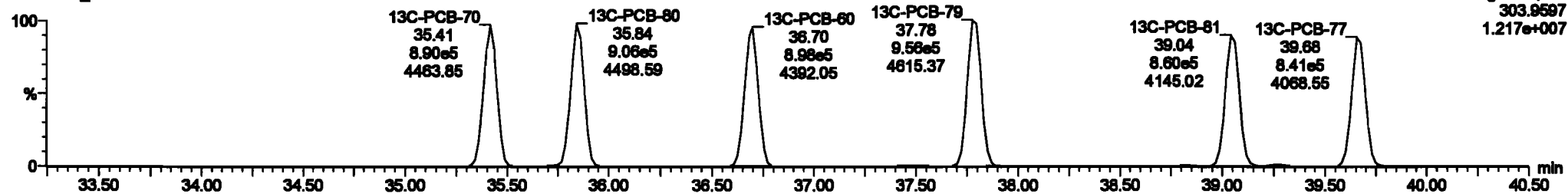


13C-PCB-60

200601K1\_7



200601K1\_7



#	Name	Step	BA	Qty	Req'd	Inv'd	Prod.RT	RT	Prod.R	RT	Prod.Pct	Comp.	DL	QTY
217	13C-PCB-138	0.88in	1.27	NO	1.0000	1.000	45.60	45.63	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	45.43	0.000	0.000	NO	100.0	100	0.122
219	13C-PCB-205	7.84in	0.90	NO	1.0000	1.000	54.95	54.95	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-78	1.70in	0.70	NO	1.0000	1.000	37.80	37.70	1.000	1.000	NO	100.0	100	0.0815
221	13C-PCB-178	0.88in	0.44	NO	0.7000	1.000	45.80	45.80	0.000	0.000	NO	100.0	100	0.128
222	13C-PCB-78	1.70in	0.70	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.7	100	0.0841
223	13C-PCB-178	0.88in	0.44	NO	1.0000	1.000	45.87	45.88	0.000	0.000	NO	100.0	100	0.131
224	Total Micro-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.0281 100.0
225	Total D-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.280 100.0
226	2nd Function TAP-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	100.0		0.110 100.0
227	2nd Function TAP-PCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	200.0		0.311 200.0
228	Total PCBs				4.0000	4.000	0.00	0.000	0.000	0.000	NO	400.0		0.800 400.0

#	Name	Prod.RT	RT	Lot Range	Lot Range	SP Ratio (Prod)	BA	Qty	QTY	Comp.
1	PCB-64	27.04	27.04	3.820in	4.880in	0.770	0.70	NO	47.874	47.874
2	PCB-68	31.30	31.30	2.825in	3.891in	0.770	0.70	NO	48.220	48.220
3	PCB-43	31.80	31.80	2.760in	3.526in	0.770	0.70	NO	48.317	48.317
4	PCB-44	32.80	32.80	2.575in	3.043in	0.770	0.70	NO	47.188	47.188
5	PCB-67	34.30	34.30	3.825in	4.577in	0.770	0.77	NO	43.838	43.838
6	PCB-74	35.20	35.21	3.730in	4.725in	0.770	0.70	NO	45.028	45.028
7	PCB-81	35.43	35.43	3.780in	4.880in	0.770	0.77	NO	51.834	51.834
8	PCB-70	35.62	35.60	3.891in	4.820in	0.770	0.70	NO	44.671	44.671



Dataset: Untitled

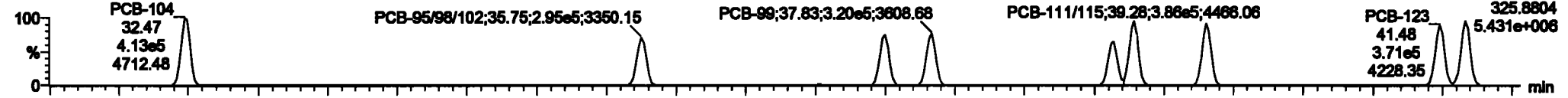
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

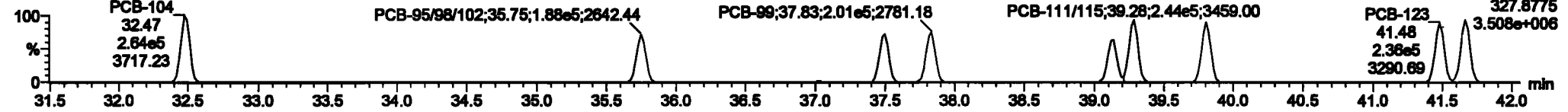
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**PCB-104**

200601K1\_7

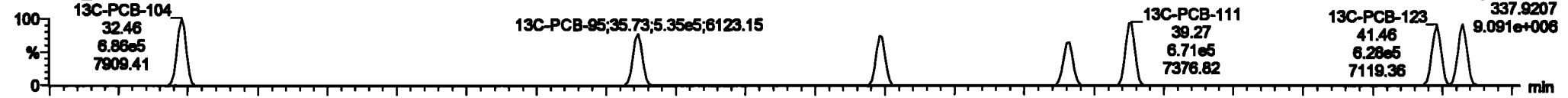


200601K1\_7

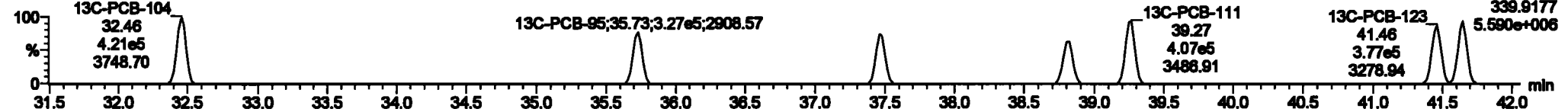


**13C-PCB-104**

200601K1\_7

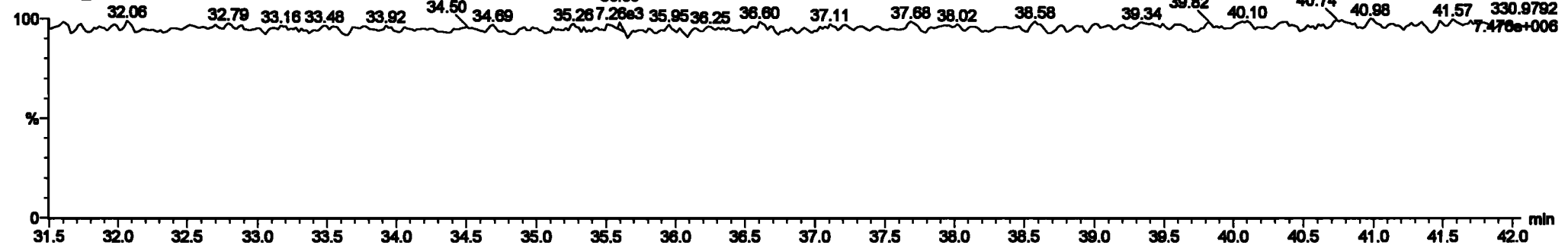


200601K1\_7



**PFK3b**

200601K1\_7



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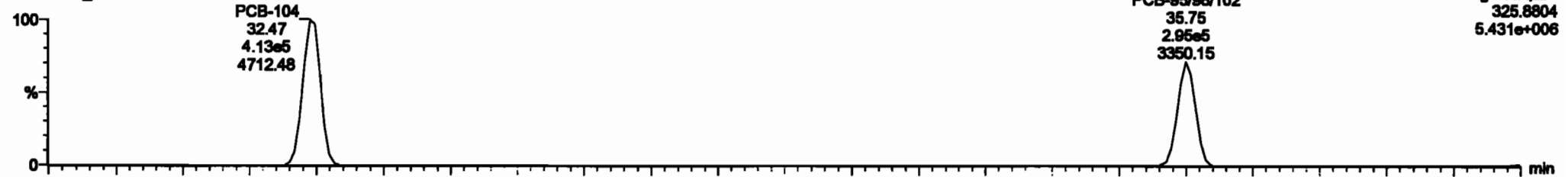
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

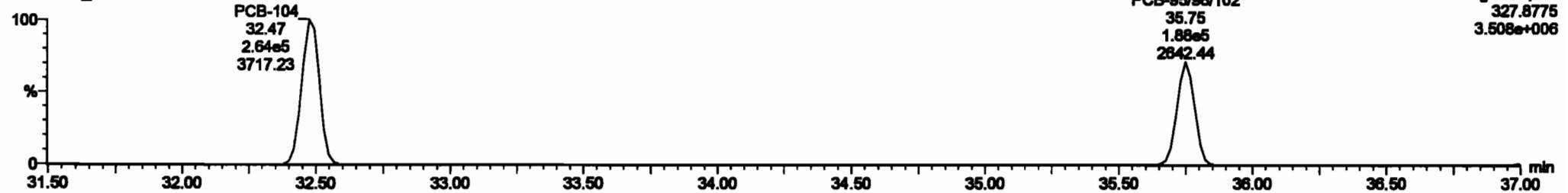
**PCB-96**

200601K1\_7



F3:Voltage SIR,EI+  
325.8804  
5.431e+006

200601K1\_7



F3:Voltage SIR,EI+  
327.8775  
3.508e+006

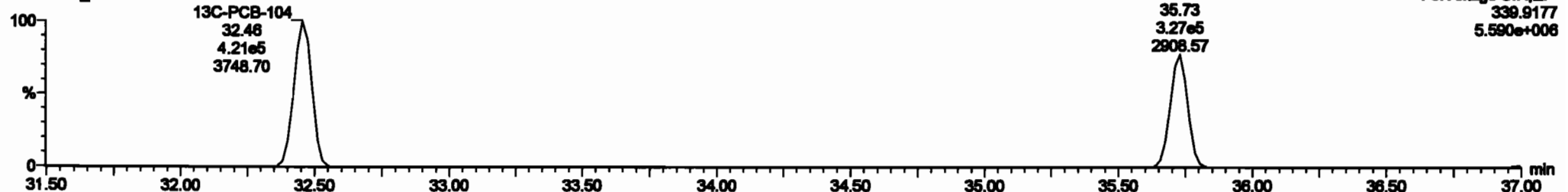
**13C-PCB-95**

200601K1\_7



F3:Voltage SIR,EI+  
337.9207  
9.091e+006

200601K1\_7



F3:Voltage SIR,EI+  
339.9177  
5.590e+006

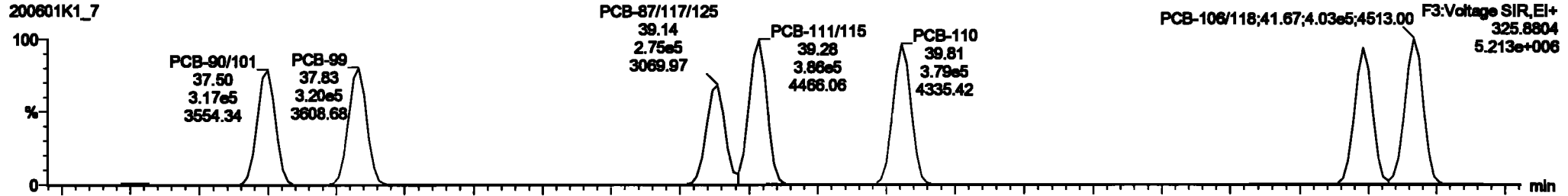
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

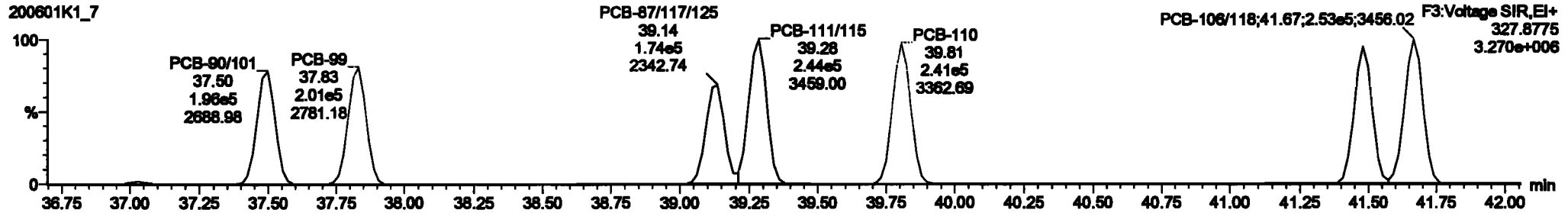
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PCB-119

200601K1\_7

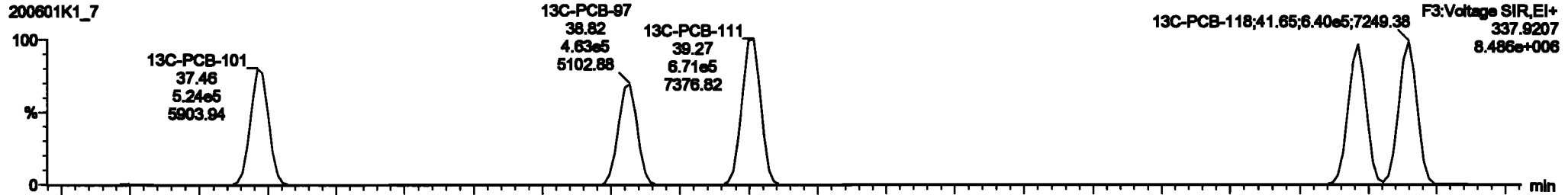


200601K1\_7

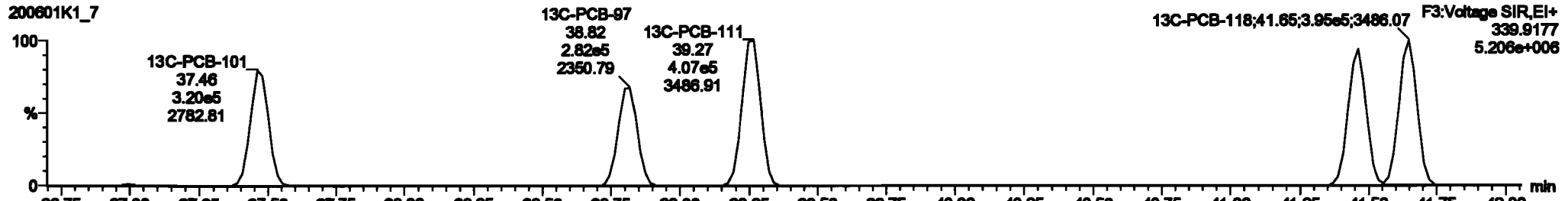


13C-PCB-111

200601K1\_7



200601K1\_7



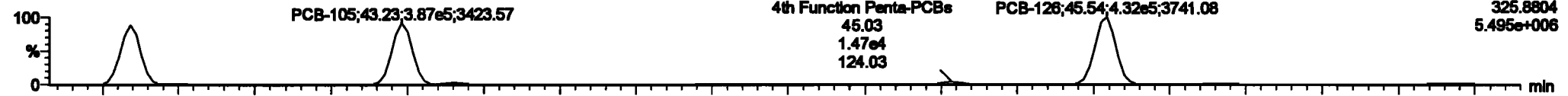
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

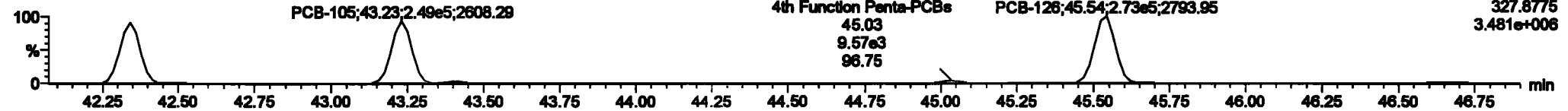
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**PCB-114**

200601K1\_7

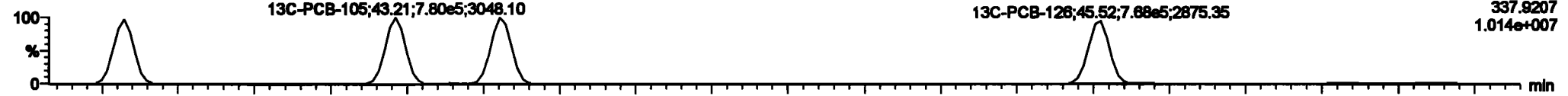


200601K1\_7

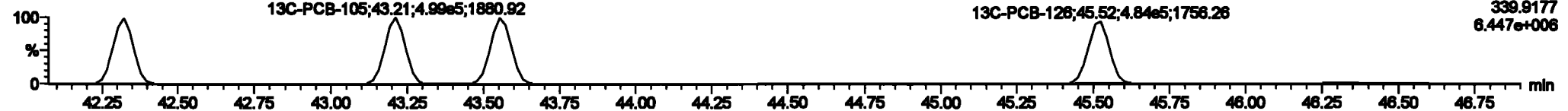


**13C-PCB-114**

200601K1\_7

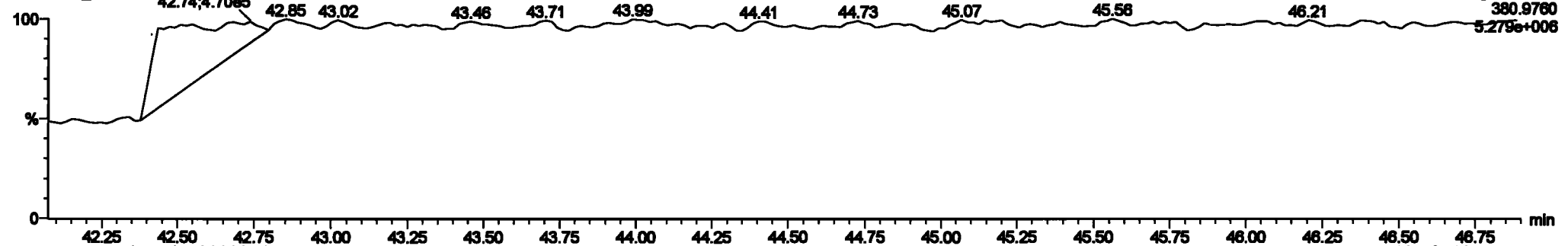


200601K1\_7



**PFK4a**

200601K1\_7





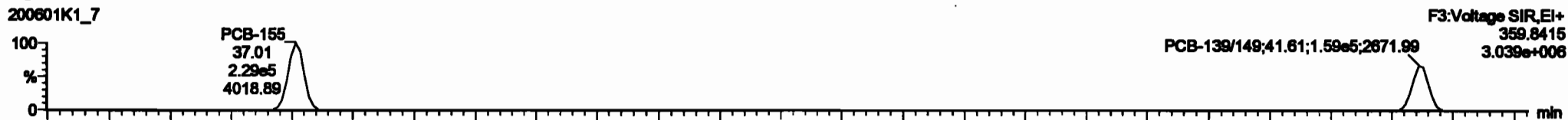
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

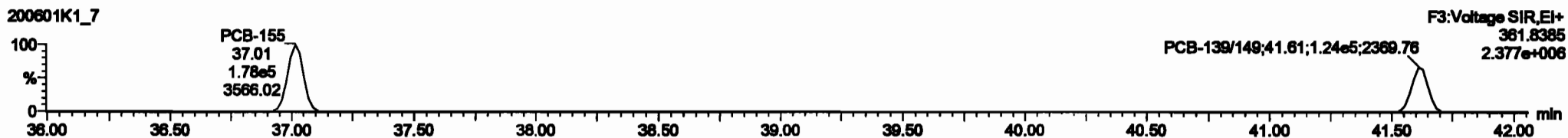
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**PCB-155**

200601K1\_7



200601K1\_7

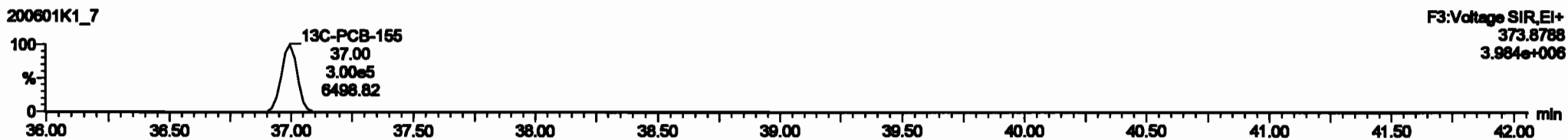


**13C-PCB-155**

200601K1\_7

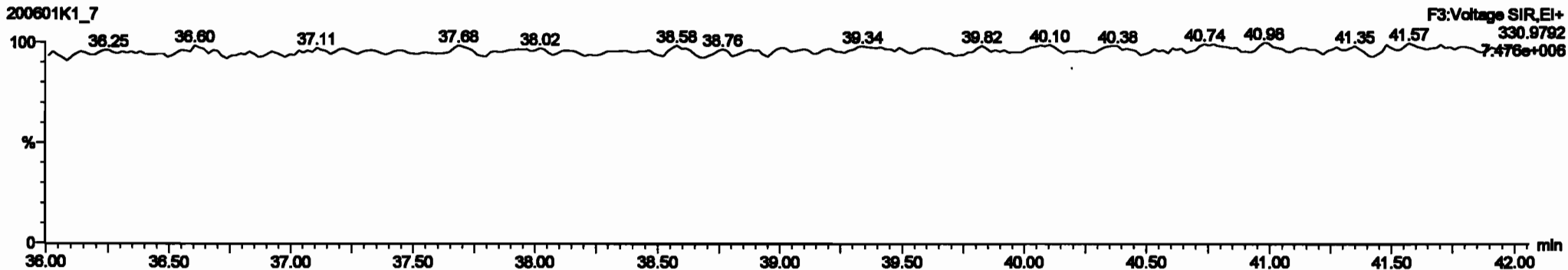


200601K1\_7



**PFK3c**

200601K1\_7

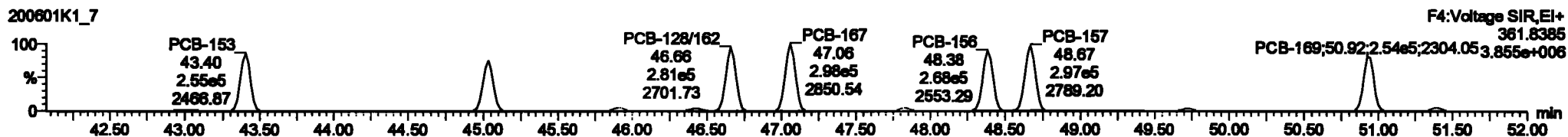
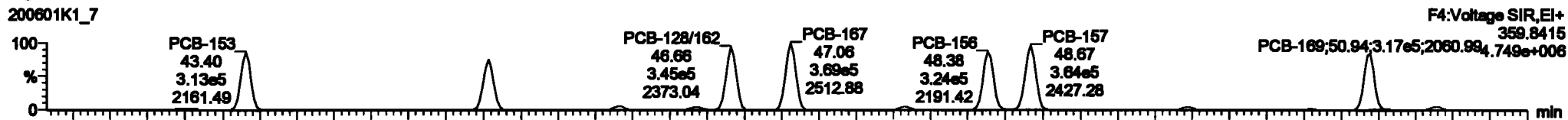


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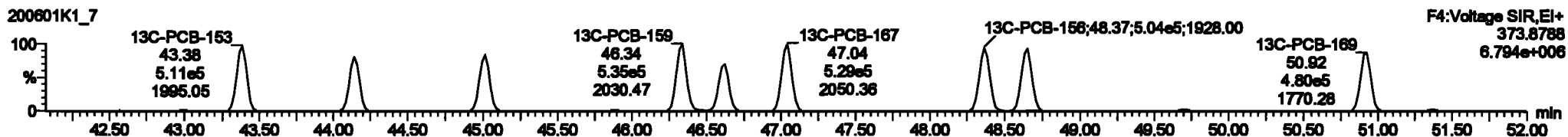
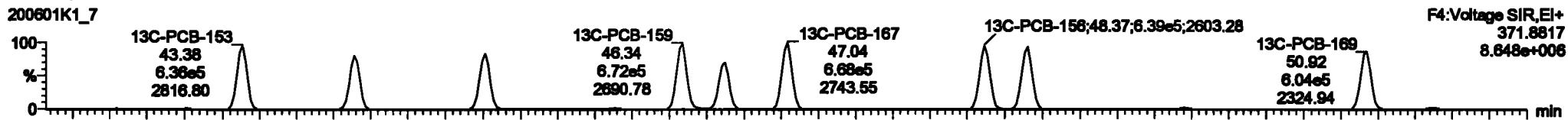
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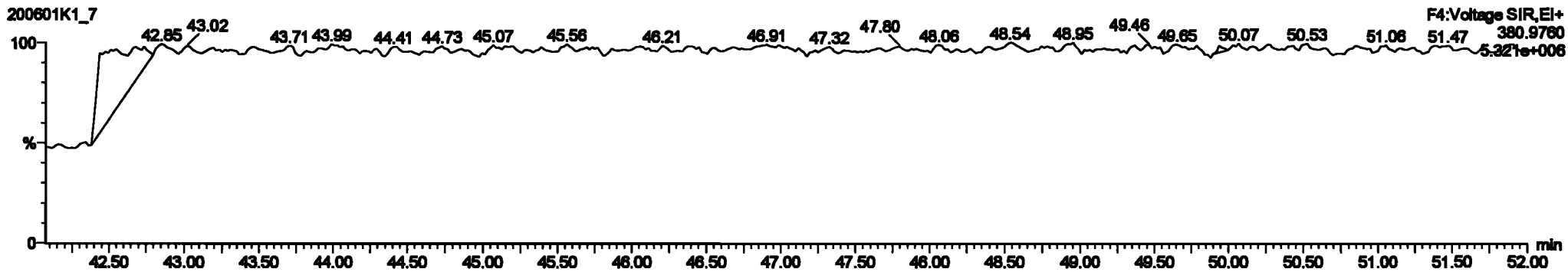
PCB-134/143



13C-PCB-153



PFK4b

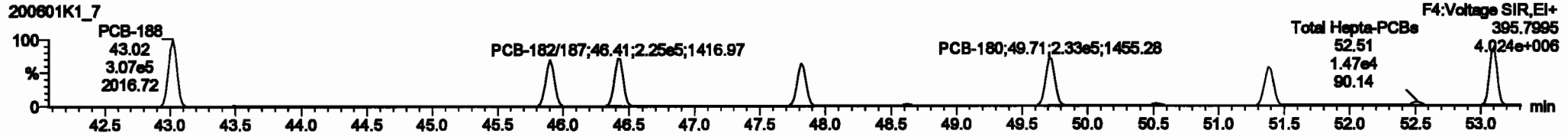
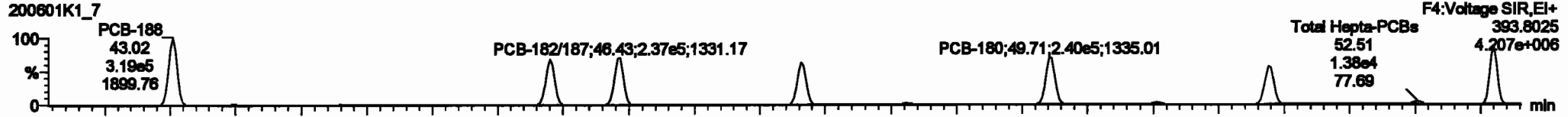


Dataset: Untitled

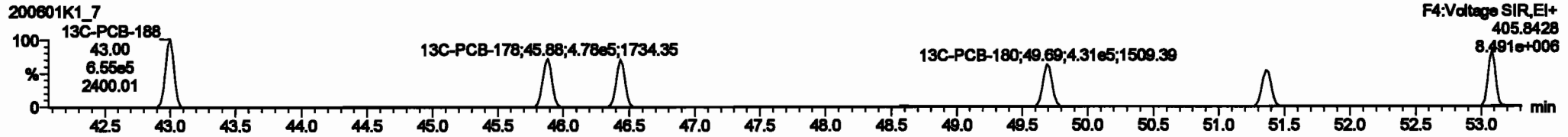
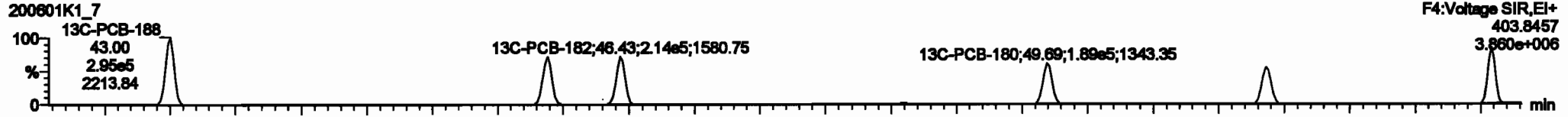
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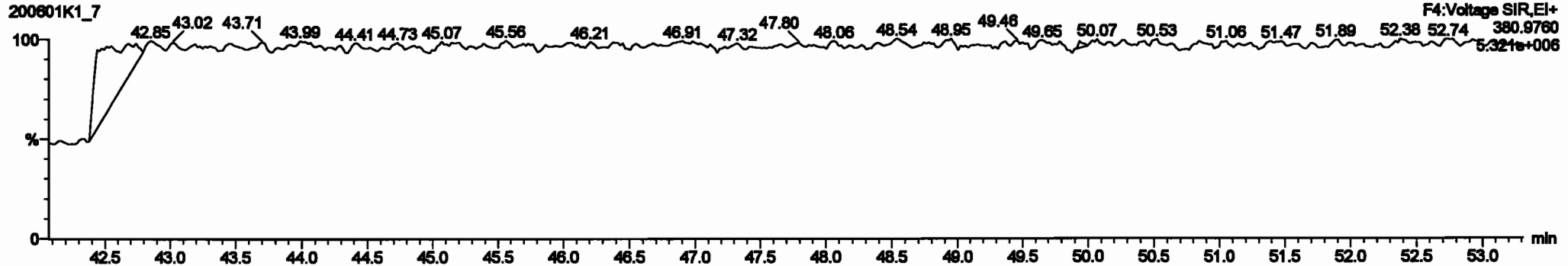
**PCB-188**



**13C-PCB-188**



**PFK4c**



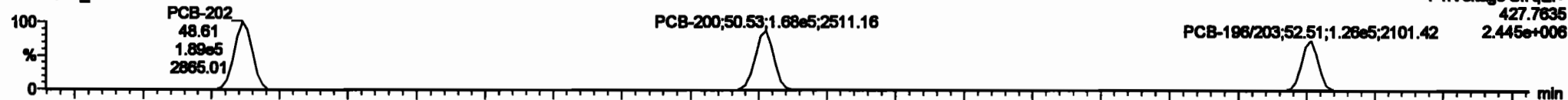
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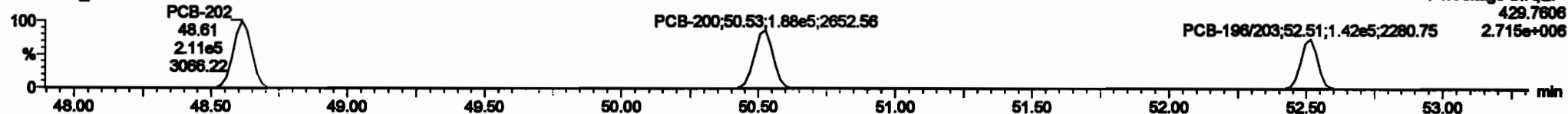
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**PCB-202**

200601K1\_7

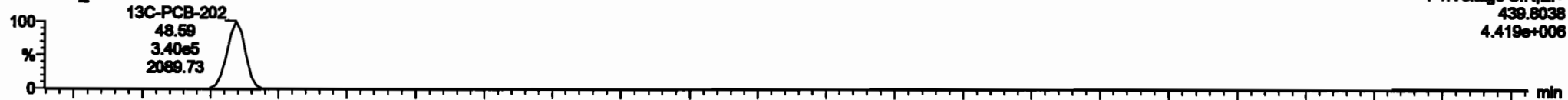


200601K1\_7

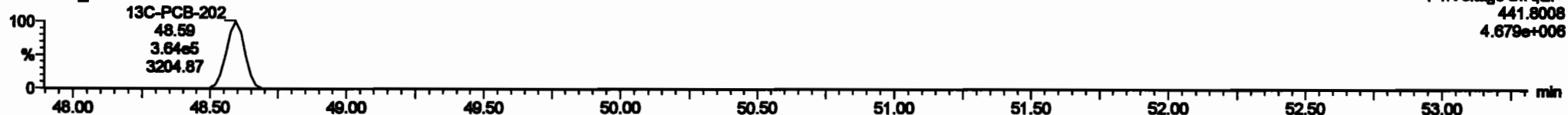


**13C-PCB-202**

200601K1\_7

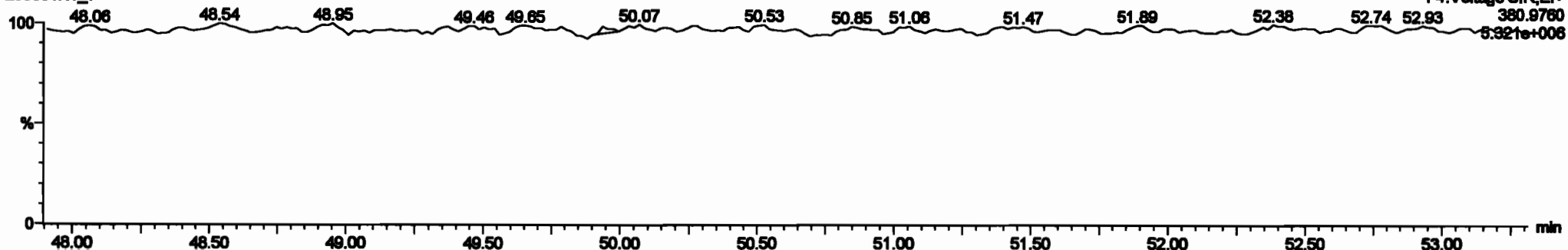


200601K1\_7



**PFK4d**

200601K1\_7



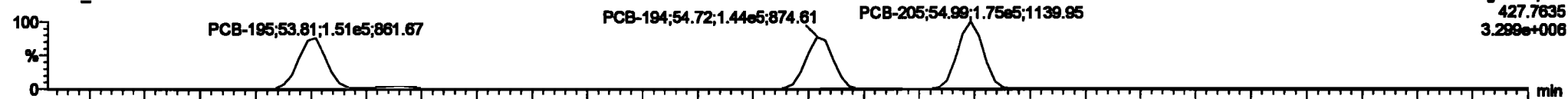
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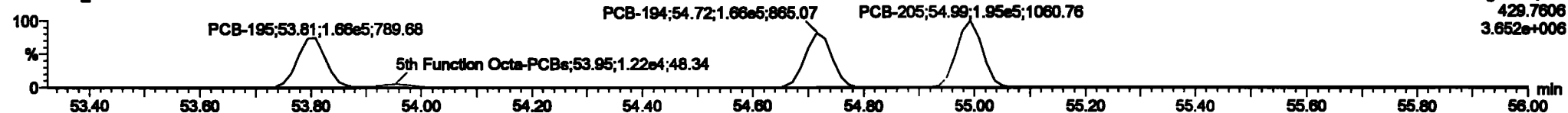
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**PCB-195**

200601K1\_7

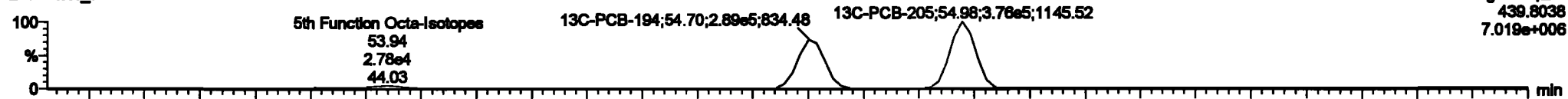


200601K1\_7

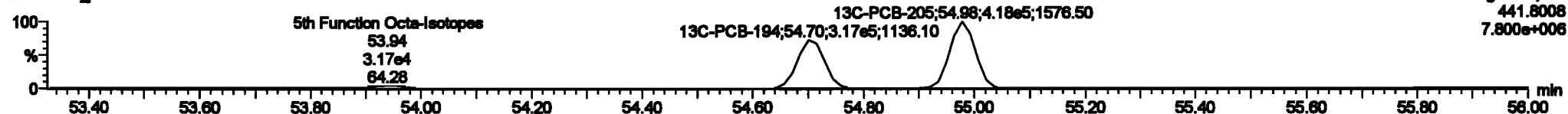


**13C-PCB-194**

200601K1\_7

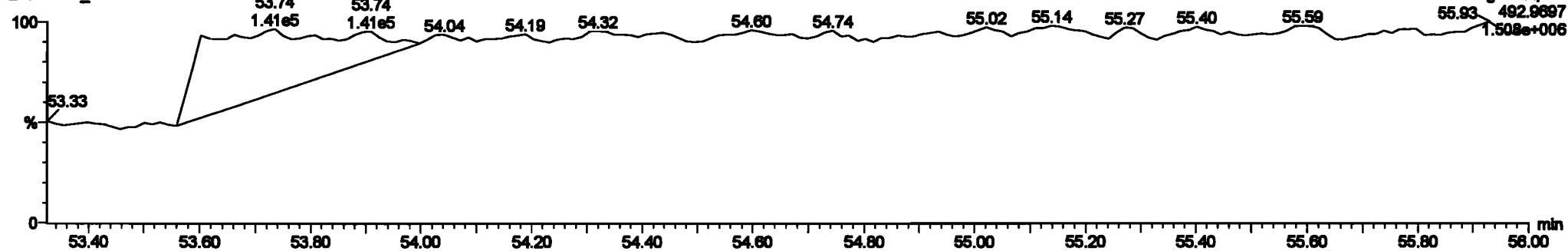


200601K1\_7



**PFK5a**

200601K1\_7



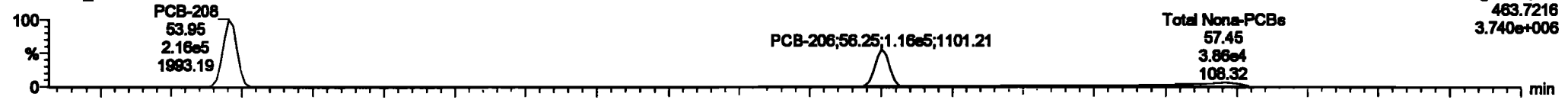
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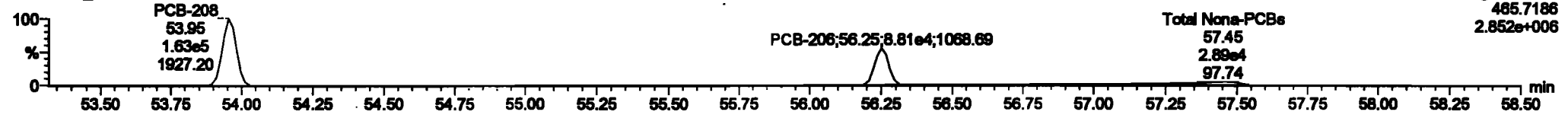
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**PCB-208**

200601K1\_7

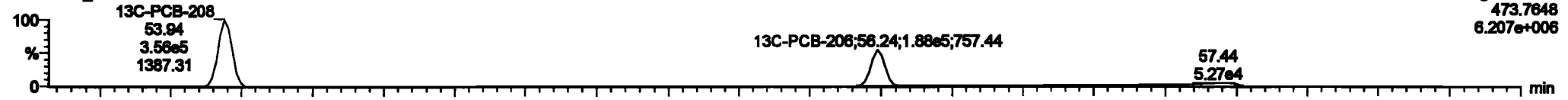


200601K1\_7

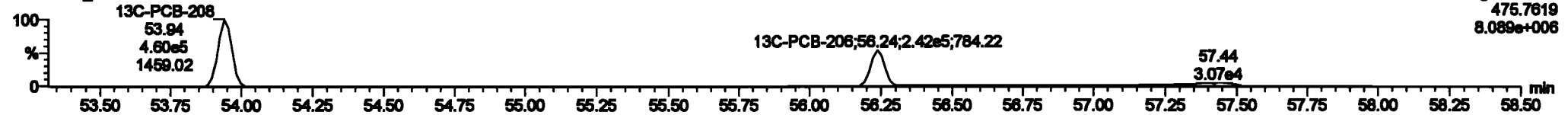


**13C-PCB-208**

200601K1\_7

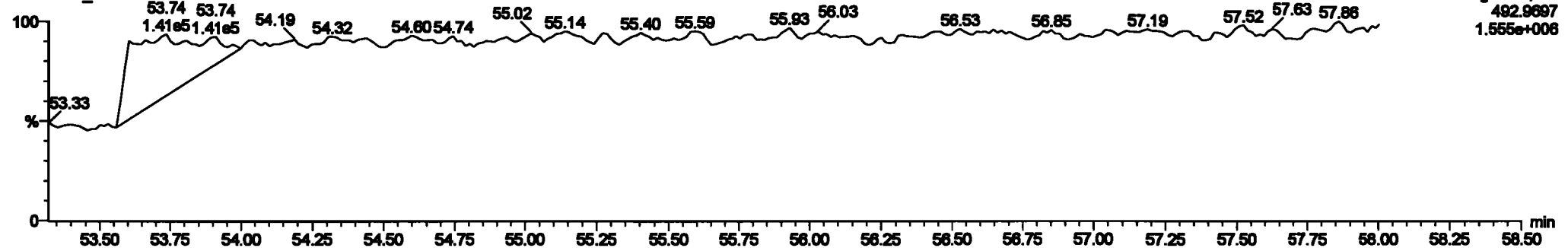


200601K1\_7



**PFK5**

200601K1\_7

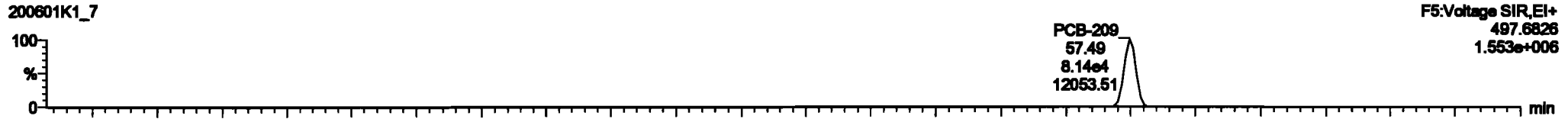


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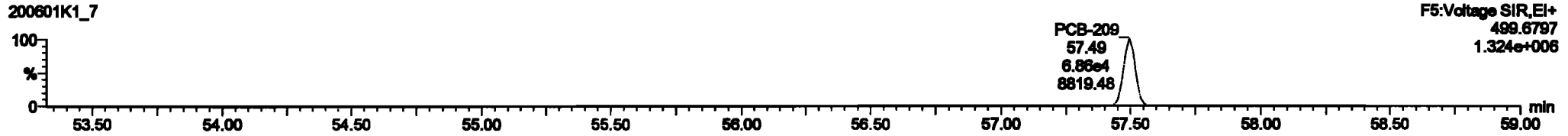
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**PCB-209**  
200601K1\_7



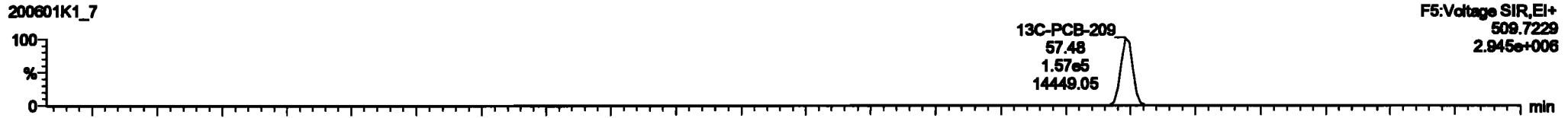
F5:Voltage SIR,EI+  
497.6826  
1.553e+006

200601K1\_7



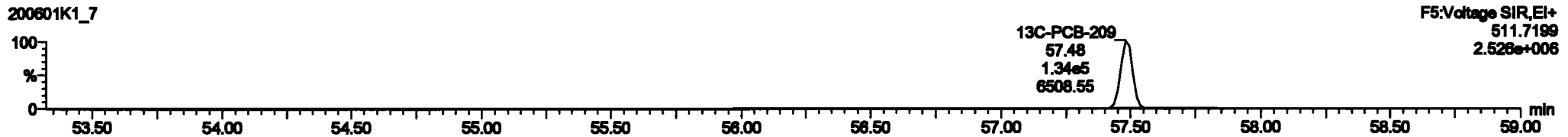
F5:Voltage SIR,EI+  
498.6797  
1.324e+006

**13C-PCB-209**  
200601K1\_7



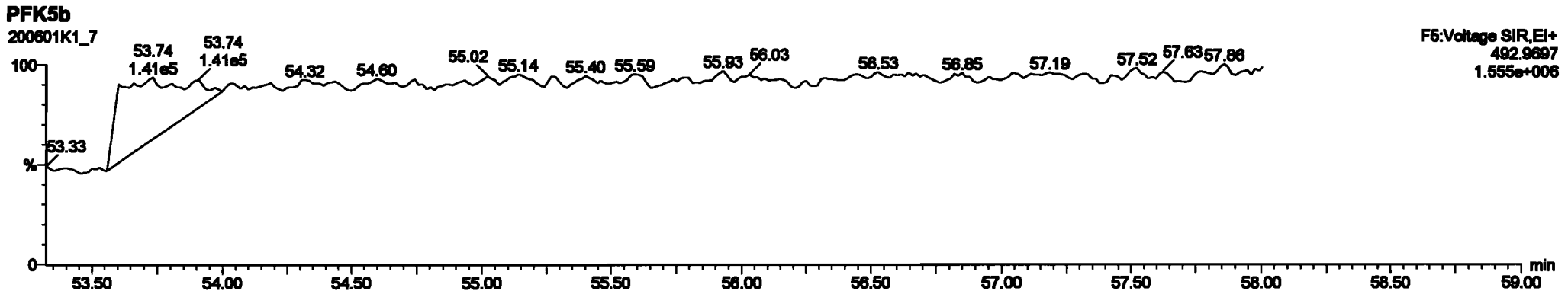
F5:Voltage SIR,EI+  
509.7229  
2.945e+006

200601K1\_7



F5:Voltage SIR,EI+  
511.7199  
2.526e+006

**PFK5b**  
200601K1\_7



F5:Voltage SIR,EI+  
492.9697  
1.555e+006