

June 10, 2020

**Vista Work Order No. 2000959**

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. 2000959**

### **Case Narrative**

#### **Sample Condition on Receipt:**

Eight sediment samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The EPA Method 1613 sample analyses were assigned to Vista Work Order No. 2000946.

#### **Analytical Notes:**

##### **EPA Method 1668C**

Sample "PDI-162SC-A-00-01-200424" 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.

Labeled standard recoveries for all QC and field samples were within method 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>
2000959-01	PDI-162SC-A-00-01-200424	24-Apr-20 14:57	28-Apr-20 09:04	Amber Glass, 120 mL

## **ANALYTICAL RESULTS**

**Sample ID: Method Blank**

**EPA Method 1668C**

Matrix: Solid	QC Batch: B0D0324	Lab Sample: B0D0324-BLK1
Sample Size: 5.00 g	Date Extracted: 29-Apr-2020 11:46	Date Analyzed: 03-Jun-20 22:50 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND	0.362			PCB-44	ND	0.378		
PCB-2	ND	0.370			PCB-45	ND	0.377		
PCB-3	ND	0.381			PCB-46	ND	0.390		
PCB-4/10	ND	1.65			PCB-47	ND	0.338		
PCB-5/8	ND	1.31			PCB-48/75	ND	0.278		
PCB-6	ND	1.27			PCB-50	ND	0.310		
PCB-7/9	ND	1.36			PCB-51	ND	0.304		
PCB-11	ND	1.13			PCB-52/69	ND	0.278		
PCB-12/13	ND	1.25			PCB-53	ND	0.325		
PCB-14	ND	1.26			PCB-54	ND	0.253		
PCB-15	ND	1.24			PCB-55	ND	0.206		
PCB-16/32	ND	0.573			PCB-56/60	ND	0.237		
PCB-17	ND	0.700			PCB-57	ND	0.215		
PCB-18	ND	0.649			PCB-58	ND	0.208		
PCB-19	ND	0.723			PCB-61/70	ND	0.237		
PCB-20/21/33	ND	0.486			PCB-62	ND	0.276		
PCB-22	ND	0.470			PCB-63	ND	0.233		
PCB-23	ND	0.518			PCB-65	ND	0.243		
PCB-24/27	ND	0.490			PCB-66/76	ND	0.215		
PCB-25	ND	0.481			PCB-67	ND	0.231		
PCB-26	ND	0.484			PCB-68	ND	0.244		
PCB-28	ND	0.446			PCB-73	ND	0.224		
PCB-29	ND	0.512			PCB-74	ND	0.211		
PCB-30	ND	0.446			PCB-77	ND	0.228		
PCB-31	ND	0.441			PCB-78	ND	0.216		
PCB-34	ND	0.484			PCB-79	ND	0.212		
PCB-35	ND	0.466			PCB-80	ND	0.203		
PCB-36	ND	0.452			PCB-81	ND	0.235		
PCB-37	ND	0.482			PCB-82	ND	0.649		
PCB-38	ND	0.463			PCB-83	ND	0.355		
PCB-39	ND	0.492			PCB-84/92	ND	0.564		
PCB-40	ND	0.518			PCB-85/116	ND	0.461		
PCB-41/64/71/72	ND	0.262			PCB-86	ND	0.582		
PCB-42/59	ND	0.297			PCB-87/117/125	ND	0.417		
PCB-43/49	ND	0.319			PCB-88/91	ND	0.566		

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: B0D0324	Lab Sample: B0D0324-BLK1
Sample Size: 5.00 g	Date Extracted: 29-Apr-2020 11:46	Date Analyzed: 03-Jun-20 22:50 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND	0.520			PCB-137	ND	0.278		
PCB-90/101	ND	0.512			PCB-138/163/164	ND	0.237		
PCB-93	ND	0.644			PCB-139/149	ND	0.300		
PCB-94	ND	0.635			PCB-140	ND	0.358		
PCB-95/98/102	ND	0.500			PCB-141	ND	0.300		
PCB-96	ND	0.401			PCB-142	ND	0.341		
PCB-97	ND	0.507			PCB-144	ND	0.360		
PCB-99	ND	0.435			PCB-145	ND	0.239		
PCB-100	ND	0.485			PCB-146/165	ND	0.253		
PCB-103	ND	0.494			PCB-147	ND	0.340		
PCB-104	ND	0.412			PCB-148	ND	0.337		
PCB-105	ND	0.343			PCB-150	ND	0.262		
PCB-106/118	ND	0.384			PCB-151	ND	0.361		
PCB-107/109	ND	0.378			PCB-152	ND	0.239		
PCB-108/112	ND	0.450			PCB-153	ND	0.240		
PCB-110	ND	0.373			PCB-154	ND	0.309		
PCB-111/115	ND	0.340			PCB-155	ND	0.272		
PCB-113	ND	0.379			PCB-156	ND	0.224		
PCB-114	ND	0.333			PCB-157	ND	0.252		
PCB-119	ND	0.360			PCB-158/160	ND	0.245		
PCB-120	ND	0.324			PCB-159	ND	0.209		
PCB-121	ND	0.352			PCB-166	ND	0.222		
PCB-122	ND	0.402			PCB-167	ND	0.229		
PCB-123	ND	0.423			PCB-168	ND	0.239		
PCB-124	ND	0.363			PCB-169	ND	0.238		
PCB-126	ND	0.324			PCB-170	ND	0.312		
PCB-127	ND	0.323			PCB-171	ND	0.278		
PCB-128/162	ND	0.280			PCB-172	ND	0.266		
PCB-129	ND	0.351			PCB-173	ND	0.308		
PCB-130	ND	0.348			PCB-174	ND	0.271		
PCB-131/133	ND	0.313			PCB-175	ND	0.260		
PCB-132/161	ND	0.251			PCB-176	ND	0.190		
PCB-134/143	ND	0.339			PCB-177	ND	0.287		
PCB-135	ND	0.308			PCB-178	ND	0.263		
PCB-136	ND	0.278			PCB-179	ND	0.191		

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: B0D0324			Lab Sample: B0D0324-BLK1				
Sample Size: 5.00 g		Date Extracted: 29-Apr-2020 11:46			Date Analyzed: 03-Jun-20 22:50 Column: ZB-1				
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	ND	0.259			Total octaCB	ND		0.510	
PCB-181	ND	0.248			Total nonaCB	ND		0.201	
PCB-182/187	ND	0.233			DecaCB	ND		0.162	
PCB-183	ND	0.243			Total PCB	ND			
PCB-184	ND	0.202							
PCB-185	ND	0.261							
PCB-186	ND	0.187							
PCB-188	ND	0.193							
PCB-189	ND	0.198							
PCB-190	ND	0.236							
PCB-191	ND	0.214							
PCB-192	ND	0.201							
PCB-193	ND	0.218							
PCB-194	ND		0.510						
PCB-195	ND	0.190							
PCB-196/203	ND	0.331							
PCB-197	ND	0.245							
PCB-198	ND	0.350							
PCB-199	ND	0.343							
PCB-200	ND	0.259							
PCB-201	ND	0.264							
PCB-202	ND	0.238							
PCB-204	ND	0.243							
PCB-205	ND	0.154							
PCB-206	ND	0.201							
PCB-207	ND	0.133							
PCB-208	ND	0.130							
PCB-209	ND	0.162							
Total monoCB	ND	0.381							
Total diCB	ND	1.65							
Total triCB	ND	0.723							
Total tetraCB	ND	0.518							
Total pentaCB	ND	0.649							
Total hexaCB	ND	0.361							
Total heptaCB	ND	0.312							

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: B0D0324	Lab Sample: B0D0324-BLK1
Sample Size: 5.00 g	Date Extracted: 29-Apr-2020 11:46	Date Analyzed: 03-Jun-20 22:50 Column: ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	58.4	5 - 145		13C-PCB-157	83.2	10 - 145	
13C-PCB-3	57.2	5 - 145		13C-PCB-159	82.3	10 - 145	
13C-PCB-4	70.5	5 - 145		13C-PCB-167	81.1	10 - 145	
13C-PCB-11	75.0	5 - 145		13C-PCB-169	82.5	10 - 145	
13C-PCB-9	71.6	5 - 145		13C-PCB-170	85.7	10 - 145	
13C-PCB-19	60.9	5 - 145		13C-PCB-180	86.9	10 - 145	
13C-PCB-28	76.6	5 - 145		13C-PCB-188	83.7	10 - 145	
13C-PCB-32	62.6	5 - 145		13C-PCB-189	88.0	10 - 145	
13C-PCB-37	80.0	5 - 145		13C-PCB-194	84.9	10 - 145	
13C-PCB-47	77.6	5 - 145		13C-PCB-202	91.7	10 - 145	
13C-PCB-52	77.9	5 - 145		13C-PCB-206	76.4	10 - 145	
13C-PCB-54	74.3	5 - 145		13C-PCB-208	75.7	10 - 145	
13C-PCB-70	82.7	5 - 145		13C-PCB-209	73.7	10 - 145	
13C-PCB-77	84.0	10 - 145		CRS 13C-PCB-79	85.0	10 - 145	
13C-PCB-80	82.0	10 - 145		13C-PCB-178	79.1	10 - 145	
13C-PCB-81	83.4	10 - 145					
13C-PCB-95	79.6	10 - 145					
13C-PCB-97	83.1	10 - 145					
13C-PCB-101	81.0	10 - 145					
13C-PCB-104	79.7	10 - 145					
13C-PCB-105	94.3	10 - 145					
13C-PCB-114	91.7	10 - 145					
13C-PCB-118	83.6	10 - 145					
13C-PCB-123	83.0	10 - 145					
13C-PCB-126	90.9	10 - 145					
13C-PCB-127	94.6	10 - 145					
13C-PCB-138	80.6	10 - 145					
13C-PCB-141	81.7	10 - 145					
13C-PCB-153	82.7	10 - 145					
13C-PCB-155	91.6	10 - 145					
13C-PCB-156	82.7	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.  
individual congeners for qualifiers.

See

**Sample ID: OPR**

**EPA Method 1668C**

Matrix: Solid  
Sample Size: 5.00 g

QC Batch: B0D0324  
Date Extracted: 29-Apr-2020 11:46

Lab Sample: B0D0324-BS1  
Date Analyzed: 03-Jun-20 16:48 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-1	1210	1000	121	60 - 135	IS 13C-PCB-1	64.0	15 - 145
PCB-3	1200	1000	120	60 - 135	IS 13C-PCB-3	63.7	15 - 145
PCB-4/10	2420	2000	121	60 - 135	IS 13C-PCB-4	76.1	15 - 145
PCB-15	1190	1000	119	60 - 135	IS 13C-PCB-11	81.0	15 - 145
PCB-19	1150	1000	115	60 - 135	IS 13C-PCB-9	77.8	15 - 145
PCB-37	1240	1000	124	60 - 135	IS 13C-PCB-19	66.2	15 - 145
PCB-54	1220	1000	122	60 - 135	IS 13C-PCB-28	81.7	15 - 145
PCB-77	1210	1000	121	60 - 135	IS 13C-PCB-32	68.5	15 - 145
PCB-81	1160	1000	116	60 - 135	IS 13C-PCB-37	85.4	15 - 145
PCB-104	1150	1000	115	60 - 135	IS 13C-PCB-47	84.3	15 - 145
PCB-105	1170	1000	117	60 - 135	IS 13C-PCB-52	82.4	15 - 145
PCB-106/118	2260	2000	113	60 - 135	IS 13C-PCB-54	77.5	15 - 145
PCB-114	1220	1000	122	60 - 135	IS 13C-PCB-70	83.8	15 - 145
PCB-123	1110	1000	111	60 - 135	IS 13C-PCB-77	85.6	40 - 145
PCB-126	1210	1000	121	60 - 135	IS 13C-PCB-80	85.3	40 - 145
PCB-155	1000	1000	100	60 - 135	IS 13C-PCB-81	87.8	40 - 145
PCB-156	1160	1000	116	60 - 135	IS 13C-PCB-95	85.4	40 - 145
PCB-157	1160	1000	116	60 - 135	IS 13C-PCB-97	87.2	40 - 145
PCB-167	1160	1000	116	60 - 135	IS 13C-PCB-101	87.8	40 - 145
PCB-169	1150	1000	115	60 - 135	IS 13C-PCB-104	85.4	40 - 145
PCB-188	1130	1000	113	60 - 135	IS 13C-PCB-105	96.3	40 - 145
PCB-189	1120	1000	112	60 - 135	IS 13C-PCB-114	94.9	40 - 145
PCB-202	1100	1000	110	60 - 135	IS 13C-PCB-118	88.4	40 - 145
PCB-205	1170	1000	117	60 - 135	IS 13C-PCB-123	88.8	40 - 145
PCB-206	1130	1000	113	60 - 135	IS 13C-PCB-126	93.7	40 - 145
PCB-208	1150	1000	115	60 - 135	IS 13C-PCB-127	97.1	40 - 145
PCB-209	1120	1000	112	60 - 135	IS 13C-PCB-138	85.1	40 - 145
					IS 13C-PCB-141	84.3	40 - 145
					IS 13C-PCB-153	86.2	40 - 145
					IS 13C-PCB-155	97.0	40 - 145
					IS 13C-PCB-156	86.6	40 - 145
					IS 13C-PCB-157	86.5	40 - 145
					IS 13C-PCB-159	85.6	40 - 145
					IS 13C-PCB-167	85.4	40 - 145
					IS 13C-PCB-169	86.7	40 - 145
					IS 13C-PCB-170	87.4	40 - 145
					IS 13C-PCB-180	88.2	40 - 145
					IS 13C-PCB-188	87.0	40 - 145
					IS 13C-PCB-189	90.0	40 - 145
					IS 13C-PCB-194	86.0	40 - 145

**Sample ID: OPR**

**EPA Method 1668C**

Matrix: Solid  
Sample Size: 5.00 g

QC Batch: B0D0324  
Date Extracted: 29-Apr-2020 11:46

Lab Sample: B0D0324-BS1  
Date Analyzed: 03-Jun-20 16:48 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
					IS 13C-PCB-202	91.3	40 - 145
					IS 13C-PCB-206	78.5	40 - 145
					IS 13C-PCB-208	79.4	40 - 145
					IS 13C-PCB-209	70.2	40 - 145
					CRS 13C-PCB-79	85.7	40 - 145
					CRS 13C-PCB-178	80.9	40 - 145

LCL-UCL - Lower control limit - upper control limit

**Sample ID: PDI-162SC-A-00-01-200424**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000959-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.34 g	QC Batch:	B0D0324	Date Extracted:	29-Apr-2020 11:46
Date Collected:	24-Apr-2020 14:57	% Solids:	51.2	Date Analyzed :	04-Jun-20 14:23	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	44.1				PCB-44	2350			
PCB-2	13.8				PCB-45	343			
PCB-3	38.1				PCB-46	147			
PCB-4/10	112				PCB-47	976			
PCB-5/8	449				PCB-48/75	455			
PCB-6	88.1				PCB-50	8.61			
PCB-7/9	45.4				PCB-51	110			
PCB-11	38.4				PCB-52/69	3100			
PCB-12/13	53.8				PCB-53	322			
PCB-14	ND	1.28			PCB-54	ND		3.77	
PCB-15	301				PCB-55	26.2			
PCB-16/32	693				PCB-56/60	1590			
PCB-17	573				PCB-57	18.3			
PCB-18	1190				PCB-58	ND		19.3	
PCB-19	72.3				PCB-61/70	3830			
PCB-20/21/33	1140				PCB-62	ND	0.773		
PCB-22	641				PCB-63	124			
PCB-23	1.76			J	PCB-65	ND	0.680		
PCB-24/27	71.8				PCB-66/76	2760			
PCB-25	210				PCB-67	82.6			
PCB-26	372				PCB-68	62.0			
PCB-28	2210				PCB-73	3.24			J
PCB-29	9.70				PCB-74	1310			
PCB-30	ND	0.544			PCB-77	244			
PCB-31	2140				PCB-78	12.3			
PCB-34	33.8				PCB-79	67.1			
PCB-35	31.6				PCB-80	5.65			J
PCB-36	ND		3.29		PCB-81	26.0			
PCB-37	552				PCB-82	434			
PCB-38	21.7				PCB-83	ND	0.478		
PCB-39	17.6				PCB-84/92	2660			
PCB-40	474				PCB-85/116	536			
PCB-41/64/71/72	2060				PCB-86	24.4			
PCB-42/59	744				PCB-87/117/125	1220			
PCB-43/49	2420				PCB-88/91	710			

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-162SC-A-00-01-200424**

**EPA Method 1668C**

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000959-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.34 g	QC Batch:	B0D0324	Date Extracted:	29-Apr-2020 11:46
Date Collected:	24-Apr-2020 14:57	% Solids:	51.2	Date Analyzed :	04-Jun-20 14:23	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	49.1				PCB-137	158			
PCB-90/101	6230				PCB-138/163/164	7020			
PCB-93	ND	0.812			PCB-139/149	6040			
PCB-94	20.4				PCB-140	96.5			
PCB-95/98/102	3800				PCB-141	1580			
PCB-96	31.8				PCB-142	ND		11.6	
PCB-97	1170				PCB-144	415			
PCB-99	2320				PCB-145	ND		1.65	
PCB-100	55.0				PCB-146/165	1840			
PCB-103	136				PCB-147	104			
PCB-104	ND	0.547			PCB-148	70.9			
PCB-105	1110				PCB-150	38.8			
PCB-106/118	3480				PCB-151	2180			
PCB-107/109	341				PCB-152	ND		3.00	
PCB-108/112	187				PCB-153	7930			
PCB-110	4440				PCB-154	314			
PCB-111/115	53.7				PCB-155	ND		2.23	
PCB-113	11.9				PCB-156	540			
PCB-114	63.7				PCB-157	72.5			
PCB-119	164				PCB-158/160	562			
PCB-120	49.5				PCB-159	ND	1.84		
PCB-121	ND	0.444			PCB-166	15.2			
PCB-122	44.8				PCB-167	196			
PCB-123	40.3				PCB-168	14.7			
PCB-124	144				PCB-169	ND	2.28		
PCB-126	18.3				PCB-170	2750			
PCB-127	ND	1.34			PCB-171	808			
PCB-128/162	738				PCB-172	448			
PCB-129	182				PCB-173	79.6			
PCB-130	476				PCB-174	3170			
PCB-131/133	379				PCB-175	119			
PCB-132/161	1900				PCB-176	403			
PCB-134/143	351				PCB-177	1880			
PCB-135	1130				PCB-178	698			
PCB-136	1270				PCB-179	1360			

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-162SC-A-00-01-200424**

**EPA Method 1668C**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000959-01
Project:	Gasco PDI	Sample Size:	7.34 g	Date Received:	28-Apr-2020 9:04
Date Collected:	24-Apr-2020 14:57	% Solids:	51.2	QC Batch:	B0D0324
				Date Analyzed :	04-Jun-20 14:23 Column: ZB-1
				Date Extracted:	29-Apr-2020 11:46

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	6590				Total octaCB	6360			
PCB-181	214				Total nonaCB	3640			
PCB-182/187	3700				DecaCB	11900			
PCB-183	1670				Total PCB	147000			
PCB-184	4.39			J					
PCB-185	399								
PCB-186	7.57								
PCB-188	11.2								
PCB-189	90.2								
PCB-190	534								
PCB-191	99.9								
PCB-192	ND	1.25							
PCB-193	326								
PCB-194	1490								
PCB-195	733								
PCB-196/203	1610								
PCB-197	74.7								
PCB-198	77.6								
PCB-199	1500								
PCB-200	222								
PCB-201	251								
PCB-202	313								
PCB-204	12.0								
PCB-205	73.6								
PCB-206	2960								
PCB-207	216								
PCB-208	465								
PCB-209	11900								
Total monoCB	96.0								
Total diCB	1090								
Total triCB	9990								
Total tetraCB	23700								
Total pentaCB	29500								
Total hexaCB	35600								
Total heptaCB	25400								

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-162SC-A-00-01-200424**

**EPA Method 1668C**

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2000959-01	Date Received:	28-Apr-2020 9:04
Project:	Gasco PDI	Sample Size:	7.34 g	QC Batch:	B0D0324	Date Extracted:	29-Apr-2020 11:46
Date Collected:	24-Apr-2020 14:57	% Solids:	51.2	Date Analyzed :	04-Jun-20 14:23	Column:	ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	78.5	5 -145		13C-PCB-170	84.4	10 -145	
13C-PCB-3	79.6	5 -145		13C-PCB-180	86.1	10 -145	
13C-PCB-4	82.5	5 -145		13C-PCB-188	89.9	10 -145	
13C-PCB-11	87.7	5 -145		13C-PCB-189	70.9	10 -145	
13C-PCB-9	85.8	5 -145		13C-PCB-194	95.1	10 -145	
13C-PCB-19	86.4	5 -145		13C-PCB-202	93.2	10 -145	
13C-PCB-28	77.2	5 -145		13C-PCB-206	96.3	10 -145	
13C-PCB-32	87.0	5 -145		13C-PCB-208	97.7	10 -145	
13C-PCB-37	83.7	5 -145		13C-PCB-209	108	10 -145	
13C-PCB-47	89.7	5 -145		CRS 13C-PCB-79	92.2	10 -145	
13C-PCB-52	89.1	5 -145		13C-PCB-178	91.0	10 -145	
13C-PCB-54	86.4	5 -145					
13C-PCB-70	88.9	5 -145					
13C-PCB-77	87.3	10 -145					
13C-PCB-80	90.8	10 -145					
13C-PCB-81	88.9	10 -145					
13C-PCB-95	93.6	10 -145					
13C-PCB-97	96.1	10 -145					
13C-PCB-101	88.1	10 -145					
13C-PCB-104	92.5	10 -145					
13C-PCB-105	90.0	10 -145					
13C-PCB-114	93.8	10 -145					
13C-PCB-118	86.6	10 -145					
13C-PCB-123	92.5	10 -145					
13C-PCB-126	84.1	10 -145					
13C-PCB-127	90.6	10 -145					
13C-PCB-138	88.4	10 -145					
13C-PCB-141	89.3	10 -145					
13C-PCB-153	92.0	10 -145					
13C-PCB-155	98.7	10 -145					
13C-PCB-156	84.2	10 -145					
13C-PCB-157	85.4	10 -145					
13C-PCB-159	86.5	10 -145					
13C-PCB-167	85.1	10 -145					
13C-PCB-169	78.1	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**

2000946/208  
 04/28/20  
 3.4°C

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

**Project:** Gasco PDI  
**Client:** NW Natural  
 2000959

**COC ID:** VISTA-20200424-154334  
**Sample Custodian:** CO  
**Lab:** VISTA

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
001	PDI-162SC-A-00-01-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans PCB Congeners Total solids (VISTA)	E1613B E1668A SM2540G	7 7 7	4°C 4°C 4°C
002	PDI-162SC-A-02-03-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
003	PDI-162SC-A-03-04-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
004	PDI-162SC-A-04-05-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
005	PDI-162SC-A-05-06-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
006	PDI-162SC-A-06-07-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans Total solids (VISTA)	E1613B SM2540G	7 7	4°C 4°C
007	PDI-162SC-A-07-08-200424	N	SE	04/24/2020	14:57	1	<input type="checkbox"/>	Dioxin/Furans	E1613B	7	4°C

Comment: (A) WO 2000946

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 Wright	Print Name:	Print Name:	Print Name:	Print Name:
Company: Anchor QEA	Company: VIAL	Company:	Company:	Company:	Company:
Date/Time: 4/27/20 1230	Date/Time: 04/28/20 09:01	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

Page # 1 of 1

 Vista Work Order #: 2000959 TAT 7

Samples Arrival:	Date/Time <u>4/28/20 09:04</u>		Initials: <u>WRW</u>		Location: <u>WR-2</u>		
	Shelf/Rack: <u>NA</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	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice		<input type="checkbox"/> Blue Ice		<input type="checkbox"/> Dry Ice		<input type="checkbox"/> None
Temp °C:	<u>4.1</u>	(uncorrected)	Probe used: Y <input checked="" type="checkbox"/> N		Thermometer ID: <u>IR3</u>		
Temp °C:	<u>4.1</u>	(corrected)					

	YES	NO	NA				
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Airbill <u>2 of 3</u>   Trk # <u>7703 3190 0660</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Shipping Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Shipping Container	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Holding Time Acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Logged In:	Date/Time <u>04/28/20 1648</u>		Initials: <u>WRW</u>		Location: <u>WR-2</u>		
Shelf/Rack: <u>G4</u>							
COC Anomaly/Sample Acceptance Form completed?					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: \* COC's in cooler 3 of 3 YRB

# CoC/Label Reconciliation Report WO# 2000959

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2000959-01	A PDI-162SC-A-00-01-200424		24-Apr-20 14:57	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 None Other			✓	
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			✓	

Verified by/Date: BBB 4/28/20

## **EXTRACTION INFORMATION**

# RUSH!

Process Sheet  
Workorder: **2000959**

Prep Expiration: 2021-04-24  
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**

Prep Batch: BOD0324

Prep Data Entered: RF 05/01/20  
Date and Initials

Initial Sequence: S0F009

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2000959-01	<input checked="" type="checkbox"/>	PDI-162SC-A-00-01-200424	28-Apr-20 09:04	WR-2 G-4	

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

RR 04/29/20  
DF 04/29/20

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

Prep Check Out: RR 04/29/20  
Prep Check In: RR 04/29/20

Prep Reconciled Initials/Date: RR 04/29/20  
Spike Reconciled Initials/Date: DF 04/29/20  
VialBoxID: R:veale



PREPARATION BENCH SHEET

Matrix: Solid

B0D0324

Chemist: DF

Method: 1668C Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 29-Apr-20 11:46

C	VISTA Sample ID	G Eqv	Sample Amt. (g)	IS/NS CHEM/WIT DATE	CRS CHEM/WIT DATE	AP CHEM/DATE	ABSG CHEM/DATE	AA CHEM/DATE	Florisil CHEM/DATE	RS CHEM/WIT DATE
<input type="checkbox"/>	B0D0324-BLK1	NA	(5.00)	RR 04/29/20	22 05/01/20	NA	05/01/20	NA	NA	RR 05/01/20
<input type="checkbox"/>	B0D0324-BS1		(5.00)							
<input type="checkbox"/>	B0D0324-DUP1 2000954-01	8.11	7.37							
<input type="checkbox"/>	2000954-01	8.11	7.35							
<input type="checkbox"/>	2000956-01	6.28	6.03							
<input type="checkbox"/>	2000958-01(A)	6.39	6.45							
<input type="checkbox"/>	2000958-02	9.35	7.00							
<input type="checkbox"/>	2000959-01	9.77	7.37							
<input type="checkbox"/>	2000960-01	5.84	6.33							
<input type="checkbox"/>	2000961-01(A)	5.59	6.99				Black			

(A) Precipitate formed at final volume. 1:20 D:i. made. 05/01/20

IS Name <u>V2</u>	NS Name <u>V2</u>	CRS Name <u>V2</u>	RS Name <u>V2</u>	Cycle Time	APP: SEFUM SOX SDS	Check Out: <u>RR 04/29/20</u>
PCDD/F	PCDD/F	PCDD/F	PCDD/F	Start Date/Time <u>04/29/20 1540</u>	SOLV: <u>Toluene</u>	Chemist/Date: <u>RR 04/29/20</u>
PCB <u>19B2604, 10µL</u>	PCB <u>19B2602, 10µL</u>	PCB <u>19B2603, 10µL</u>	PCB <u>19B2604, 10µL</u>	Other <u>NA</u>	Final Volume(s): <u>2*100µL</u>	Check In: <u>RR 04/29/20</u>
PAH	PAH	PAH	PAH	Stop Date/Time <u>04/30/20 0750</u>	<u>Cg</u>	Chemist/Date: <u>RR 04/29/20</u>
						Balance ID: <u>HRMS-9</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

Batch: B0D0324

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2000954-01	7.35	61.67247	4.5329	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000956-01	6.03	79.65425	4.8032	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000958-01	6.45	78.23241	5.0460	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000958-02	7	53.44828	3.7414	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000959-01	7.34	51.17188	3.7560	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000960-01	6.33	85.56036	5.4160	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
2000961-01	6.99	89.49772	6.2559	100	29-Apr-20 11:46	RR			Sediment	1668C Full List
<b>B0D0324-BLK1</b>	<b>5</b>			<b>100</b>	<b>29-Apr-20 11:46</b>	<b>RR</b>				QC
<b>B0D0324-BS1</b>	<b>5</b>			<b>100</b>	<b>29-Apr-20 11:46</b>	<b>RR</b>	<b>19B2602</b>	<b>10</b>		QC
<b>B0D0324-DUP1</b>	<b>7.34</b>	<b>61.67247</b>	<b>4.5268</b>	<b>100</b>	<b>29-Apr-20 11:46</b>	<b>RR</b>				QC

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

*MA* 05/01/20

Printed: 5/1/2020 4:21:12PM  
Page 1 of 1

Percent Moisture/ Percent Solids

D2216-90

BATCH ID B0D0314

Analyst: MD  Analyte:  Oven ID: <u>01</u> 02 Dried at 110°C +/- 5°C	Test Code: %Moist/%Solids  Units: %	Data Entry Verified by: <u>MD</u> (Initial and Date) <u>05/01/20</u>
--	---	---

Inst HRMS-8

Date/Time IN: 04/29/20 0741  
 Date/Time OUT: 05/01/20 0825

Particle Size	SampleID	SampType	Initial and Date:		EM 04/29/20		MD 05/01/20		%Solids RawVal	Visual Inspection	EM 04/29/20				EM 04/29/20 Sample Homogenized*
			Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	Cl-	pH Before			pH After	Acid Added			
													N/A	N/A	
	2000954-01	A	Sample	1.2900 ✓	7.0300 ✓	4.8300 ✓	3.5400	61.67	Mud	N/A	N/A	N/A	N/A	X	
	2000956-01	A	Sample	1.2900 ✓	8.8100 ✓	7.2800 ✓	5.9900	79.65	Sand	N/A	N/A	N/A	N/A	X	
	2000958-01	A	Sample	1.2900 ✓	7.4000 ✓	6.0700 ✓	4.7800	78.23	Sand	N/A	N/A	N/A	N/A	X	
	2000958-02	A	Sample	1.3000 ✓	7.6800 ✓	4.7100 ✓	3.4100	53.45	Mud	N/A	N/A	N/A	N/A	X	
	2000959-01	A	Sample	1.3000 ✓	6.4200 ✓	3.9200 ✓	2.6200	51.17	Mud	N/A	N/A	N/A	N/A	X	
	2000960-01	A	Sample	1.2900 ✓	5.9300 ✓	5.2600 ✓	3.9700	85.56	Sand	N/A	N/A	N/A	N/A	X	
	2000961-01	A	Sample	1.2900 ✓	7.8600 ✓	7.1700 ✓	5.8800	89.50	Sand	N/A	N/A	N/A	N/A	X	

\*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90

BATCH ID B0D0314

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

Inst HRMS-08

Date/Time IN: 04/29/20 0741 Date/Time OUT: 05/01/20 0825

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	EM 04/29/20		N/A		EM 04/29/20		
			Pan Tare Wt. (gms)						Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*	
	2000954-01	A	Sample	1.29	7.03	4.83	/		Mud	/				X	
	2000956-01	T	Sample	1.29	8.81	7.28		Sand							X
	2000958-01		Sample	1.29	7.40	6.07									X
	2000958-02		Sample	1.30	7.68	4.91		N/A	Mud			N/A			X
	2000959-01		Sample	1.30	6.42	3.92									X
	2000960-01		Sample	1.29	5.93	5.26			sand						X
	2000961-01	V	Sample	1.29	7.86	7.17									X

\*Sample homogenized in sample container unless otherwise noted.

**SAMPLE DATA – EPA METHOD 1668C**

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-9.qld

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*ht 6.4.2020*

*(706/10/2020)*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07

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

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	ny	RRF	wVol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1			NO	1.17	5.000	15.53		1.001		YES			0.362	
2	2 PCB-2			NO	1.18	5.000	17.95		0.988		YES			0.370	
3	3 PCB-3			NO	1.15	5.000	18.18		1.001		YES			0.381	
4	4 PCB-4/10			NO	1.25	5.000	19.60		1.004		YES			1.65	
5	5 PCB-7/9			NO	0.960	5.000	21.41		1.003		YES			1.36	
6	6 PCB-6			NO	1.02	5.000	22.06		1.033		YES			1.27	
7	7 PCB-5/8			NO	0.992	5.000	22.46		1.052		YES			1.31	
8	8 PCB-14			NO	1.02	5.000	23.61		0.952		YES			1.26	
9	9 PCB-11			NO	1.13	5.000	24.82		1.001		YES			1.13	
10	10 PCB-12/13			NO	1.03	5.000	25.26		1.018		YES			1.25	
11	11 PCB-15			NO	1.03	5.000	25.57		1.031		YES			1.24	
12	12 PCB-19			NO	1.11	5.000	23.79		1.001		YES			0.723	
13	13 PCB-30			NO	1.79	5.000	24.69		1.039		YES			0.446	
14	14 PCB-18			NO	0.818	5.000	25.46		0.952		YES			0.649	
15	15 PCB-17			NO	0.758	5.000	25.63		0.958		YES			0.700	
16	16 PCB-24/27			NO	1.08	5.000	26.25		0.981		YES			0.490	
17	17 PCB-16/32			NO	0.925	5.000	26.77		1.001		YES			0.573	
18	18 PCB-34			NO	0.945	5.000	27.58		0.959		YES			0.484	
19	19 PCB-23			NO	0.883	5.000	27.67		0.962		YES			0.518	
20	20 PCB-29			NO	0.893	5.000	27.93		0.971		YES			0.512	
21	21 PCB-26			NO	0.944	5.000	28.16		0.979		YES			0.484	
22	22 PCB-25			NO	0.950	5.000	28.31		0.984		YES			0.481	
23	23 PCB-31			NO	1.04	5.000	28.68		0.997		YES			0.441	
24	24 PCB-28			NO	1.03	5.000	28.79		1.001		YES			0.446	
25	25 PCB-20/21/33			NO	0.941	5.000	29.43		1.023		YES			0.486	
26	26 PCB-22			NO	0.973	5.000	29.87		1.038		YES			0.470	
27	27 PCB-36			NO	1.08	5.000	30.50		0.931		YES			0.452	
28	28 PCB-39			NO	0.988	5.000	30.98		0.946		YES			0.492	
29	29 PCB-38			NO	1.05	5.000	31.78		0.970		YES			0.463	
30	30 PCB-35			NO	1.04	5.000	32.32		0.987		YES			0.466	
31	31 PCB-37			NO	1.01	5.000	32.77		1.001		YES			0.482	

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Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-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
32	32 PCB-54			NO	1.08	5.000	27.64		1.001		YES			0.253	
33	33 PCB-50			NO	0.880	5.000	28.83		1.044		YES			0.310	
34	34 PCB-53			NO	0.997	5.000	29.50		0.944		YES			0.325	
35	35 PCB-51			NO	1.07	5.000	29.85		0.955		YES			0.304	
36	36 PCB-45			NO	0.858	5.000	30.30		0.969		YES			0.377	
37	37 PCB-46			NO	0.831	5.000	30.80		0.985		YES			0.390	
38	38 PCB-52/69			NO	1.17	5.000	31.30		1.001		YES			0.278	
39	39 PCB-73			NO	1.44	5.000	31.41		1.005		YES			0.224	
40	40 PCB-43/49			NO	1.02	5.000	31.59		1.010		YES			0.319	
41	41 PCB-47			NO	0.922	5.000	31.80		1.001		YES			0.338	
42	42 PCB-48/75			NO	1.12	5.000	31.92		1.004		YES			0.278	
43	43 PCB-65			NO	1.28	5.000	32.19		1.013		YES			0.243	
44	44 PCB-62			NO	1.13	5.000	32.29		1.016		YES			0.276	
45	45 PCB-44			NO	0.824	5.000	32.62		1.026		YES			0.378	
46	46 PCB-42/59			NO	1.05	5.000	32.85		1.033		YES			0.297	
47	47 PCB-41/64/71/72			NO	1.19	5.000	33.47		1.053		YES			0.262	
48	48 PCB-68			NO	1.28	5.000	33.72		1.061		YES			0.244	
49	49 PCB-40			NO	0.602	5.000	33.95		1.068		YES			0.518	
50	50 PCB-57			NO	1.16	5.000	34.32		0.969		YES			0.215	
51	51 PCB-67			NO	1.08	5.000	34.63		0.978		YES			0.231	
52	52 PCB-58			NO	1.20	5.000	34.74		0.981		YES			0.208	
53	53 PCB-63			NO	1.07	5.000	34.91		0.986		YES			0.233	
54	54 PCB-74			NO	1.19	5.000	35.22		0.994		YES			0.211	
55	55 PCB-61/70			NO	1.05	5.000	35.43		1.000		YES			0.237	
56	56 PCB-76/66			NO	1.16	5.000	35.62		1.006		YES			0.215	
57	57 PCB-80			NO	1.19	5.000	35.86		1.001		YES			0.203	
58	58 PCB-55			NO	1.17	5.000	36.20		1.010		YES			0.206	
59	59 PCB-56/60			NO	1.02	5.000	36.70		1.024		YES			0.237	
60	60 PCB-79			NO	1.14	5.000	37.80		1.055		YES			0.212	
61	61 PCB-78			NO	1.14	5.000	38.52		0.987		YES			0.216	
62	62 PCB-81			NO	1.05	5.000	39.06		1.000		YES			0.235	
63	63 PCB-77			NO	1.14	5.000	39.68		1.000		YES			0.228	
64	64 PCB-104			NO	1.12	5.000	32.47		1.001		YES			0.412	
65	65 PCB-96			NO	1.15	5.000	33.78		1.041		YES			0.401	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
66	66 PCB-103			NO	0.936	5.000	34.32		1.058		YES			0.494	
67	67 PCB-100			NO	0.954	5.000	34.69		1.069		YES			0.485	
68	68 PCB-94			NO	0.949	5.000	35.19		0.985		YES			0.635	
69	69 PCB-95/98/102			NO	1.20	5.000	35.67		0.999		YES			0.500	
70	70 PCB-93			NO	0.935	5.000	35.79		1.002		YES			0.644	
71	71 PCB-88/91			NO	1.06	5.000	36.14		1.012		YES			0.566	
72	72 PCB-121			NO	1.71	5.000	36.23		1.015		YES			0.352	
73	73 PCB-84/92			NO	1.02	5.000	37.10		0.990		YES			0.564	
74	74 PCB-89			NO	1.11	5.000	37.27		0.995		YES			0.520	
75	75 PCB-90/101			NO	1.12	5.000	37.48		1.000		YES			0.512	
76	76 PCB-113			NO	1.51	5.000	37.72		1.007		YES			0.379	
77	77 PCB-99			NO	1.32	5.000	37.81		1.009		YES			0.435	
78	78 PCB-119			NO	1.81	5.000	38.30		0.987		YES			0.360	
79	79 PCB-108/112			NO	1.44	5.000	38.45		0.991		YES			0.450	
80	80 PCB-83			NO	1.83	5.000	38.61		0.995		YES			0.355	
81	81 PCB-97			NO	1.28	5.000	38.82		1.000		YES			0.507	
82	82 PCB-86			NO	1.12	5.000	38.99		1.005		YES			0.582	
83	83 PCB-87/117/125			NO	1.56	5.000	39.12		1.008		YES			0.417	
84	84 PCB-111/115			NO	1.91	5.000	39.27		1.012		YES			0.340	
85	85 PCB-85/116			NO	1.41	5.000	39.40		1.015		YES			0.461	
86	86 PCB-120			NO	2.01	5.000	39.66		1.022		YES			0.324	
87	87 PCB-110			NO	1.74	5.000	39.81		1.026		YES			0.373	
88	88 PCB-82			NO	0.781	5.000	40.44		0.976		YES			0.649	
89	89 PCB-124			NO	1.40	5.000	41.15		0.993		YES			0.363	
90	90 PCB-107/109			NO	1.34	5.000	41.29		0.996		YES			0.378	
91	91 PCB-123			NO	1.20	5.000	41.46		1.000		YES			0.423	
92	92 PCB-106/118			NO	1.22	5.000	41.69		1.001		YES			0.384	
93	93 PCB-114			NO	1.14	5.000	42.34		1.000		YES			0.333	
94	94 PCB-122			NO	0.944	5.000	42.49		1.004		YES			0.402	
95	95 PCB-105			NO	1.05	5.000	43.23		1.000		YES			0.343	
96	96 PCB-127			NO	1.06	5.000	43.57		1.000		YES			0.323	
97	97 PCB-126			NO	1.17	5.000	45.52		1.000		YES			0.324	
98	98 PCB-155			NO	1.04	5.000	37.01		1.000		YES			0.272	
99	99 PCB-150			NO	1.08	5.000	38.33		1.036		YES			0.262	



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Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
100	1... PCB-152			NO	1.19	5.000	38.82		1.049		YES			0.239	
101	1... PCB-145			NO	1.19	5.000	39.28		1.062		YES			0.239	
102	1... PCB-136			NO	1.02	5.000	39.62		1.071		YES			0.278	
103	1... PCB-148			NO	0.842	5.000	39.73		1.074		YES			0.337	
104	1... PCB-154			NO	0.919	5.000	40.22		1.087		YES			0.309	
105	1... PCB-151			NO	0.787	5.000	40.90		1.105		YES			0.361	
106	1... PCB-135			NO	0.922	5.000	41.13		1.112		YES			0.308	
107	1... PCB-144			NO	0.789	5.000	41.24		1.115		YES			0.360	
108	1... PCB-147			NO	0.834	5.000	41.37		1.118		YES			0.340	
109	1... PCB-139/149			NO	0.948	5.000	41.64		1.125		YES			0.300	
110	1... PCB-140			NO	0.794	5.000	41.84		1.131		YES			0.358	
111	1... PCB-134/143			NO	0.759	5.000	42.29		0.975		YES			0.339	
112	1... PCB-131/133			NO	0.821	5.000	42.59		0.982		YES			0.313	
113	1... PCB-142			NO	0.754	5.000	42.74		0.985		YES			0.341	
114	1... PCB-146/165			NO	1.02	5.000	42.98		0.991		YES			0.253	
115	1... PCB-132/161			NO	1.02	5.000	43.22		0.996		YES			0.251	
116	1... PCB-153			NO	1.07	5.000	43.40		1.000		YES			0.240	
117	1... PCB-168			NO	1.08	5.000	43.63		1.006		YES			0.239	
118	1... PCB-141			NO	1.03	5.000	44.16		1.000		YES			0.300	
119	1... PCB-137			NO	1.11	5.000	44.56		1.010		YES			0.278	
120	1... PCB-130			NO	0.885	5.000	44.66		1.012		YES			0.348	
121	1... PCB-138/163/164			NO	1.28	5.000	45.05		1.001		YES			0.237	
122	1... PCB-158/160			NO	1.24	5.000	45.30		1.006		YES			0.245	
123	1... PCB-129			NO	0.867	5.000	45.56		1.012		YES			0.351	
124	1... PCB-166			NO	1.14	5.000	46.02		0.993		YES			0.222	
125	1... PCB-159			NO	1.22	5.000	46.36		1.000		YES			0.209	
126	1... PCB-128/162			NO	0.907	5.000	46.64		1.007		YES			0.280	
127	1... PCB-167			NO	1.11	5.000	47.06		1.000		YES			0.229	
128	1... PCB-156			NO	1.13	5.000	48.39		1.000		YES			0.224	
129	1... PCB-157			NO	1.04	5.000	48.69		1.001		YES			0.252	
130	1... PCB-169			NO	1.16	5.000	50.93		1.000		YES			0.238	
131	1... PCB-188			NO	1.29	5.000	43.02		1.001		YES			0.193	
132	1... PCB-184			NO	1.23	5.000	43.48		1.011		YES			0.202	
133	1... PCB-179			NO	1.30	5.000	44.27		1.030		YES			0.191	

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Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
134	1... PCB-176			NO	1.31	5.000	44.74		1.041		YES			0.190	
135	1... PCB-186			NO	1.33	5.000	45.39		1.056		YES			0.187	
136	1... PCB-178			NO	0.943	5.000	45.90		1.068		YES			0.263	
137	1... PCB-175			NO	0.956	5.000	46.24		1.076		YES			0.260	
138	1... PCB-182/187			NO	1.07	5.000	46.42		1.080		YES			0.233	
139	1... PCB-183			NO	1.02	5.000	46.76		1.088		YES			0.243	
140	1... PCB-185			NO	1.41	5.000	47.44		0.955		YES			0.261	
141	1... PCB-174			NO	1.35	5.000	47.82		0.962		YES			0.271	
142	1... PCB-181			NO	1.47	5.000	47.91		0.964		YES			0.248	
143	1... PCB-177			NO	1.28	5.000	48.10		0.968		YES			0.287	
144	1... PCB-171			NO	1.32	5.000	48.38		0.974		YES			0.278	
145	1... PCB-173			NO	1.19	5.000	48.84		0.983		YES			0.308	
146	1... PCB-172			NO	1.38	5.000	49.29		0.992		YES			0.266	
147	1... PCB-192			NO	1.83	5.000	49.48		0.996		YES			0.201	
148	1... PCB-180			NO	1.41	5.000	49.71		1.000		YES			0.259	
149	1... PCB-193			NO	1.68	5.000	49.92		1.005		YES			0.218	
150	1... PCB-191			NO	1.71	5.000	50.18		1.010		YES			0.214	
151	1... PCB-170			NO	1.40	5.000	51.38		1.000		YES			0.312	
152	1... PCB-190			NO	1.85	5.000	51.56		1.004		YES			0.236	
153	1... PCB-189			NO	1.45	5.000	53.10		1.000		YES			0.198	
154	1... PCB-202			NO	1.17	5.000	48.63		1.001		YES			0.238	
155	1... PCB-201			NO	1.05	5.000	49.10		1.010		YES			0.264	
156	1... PCB-204			NO	1.14	5.000	49.26		1.014		YES			0.243	
157	1... PCB-197			NO	1.13	5.000	49.58		1.020		YES			0.245	
158	1... PCB-200			NO	1.07	5.000	50.51		1.039		YES			0.259	
159	1... PCB-198			NO	0.794	5.000	52.08		1.072		YES			0.350	
160	1... PCB-199			NO	0.809	5.000	52.19		1.074		YES			0.343	
161	1... PCB-196/203			NO	0.838	5.000	52.52		1.081		YES			0.331	
162	1... PCB-195			NO	1.04	5.000	53.80		0.984		YES			0.190	
163	1... PCB-194	1.91e2	0.54	YES	1.12	5.000	54.72	54.70	1.000	1.000	NO	0.0826		0.178	0.5100
164	1... PCB-205			NO	1.29	5.000	54.98		1.005		YES			0.154	
165	1... PCB-208			NO	0.933	5.000	53.96		1.000		YES			0.130	
166	1... PCB-207			NO	0.916	5.000	54.27		1.006		YES			0.133	
167	1... PCB-206			NO	1.01	5.000	56.24		1.000		YES			0.201	

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#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
168	1... PCB-209			NO	0.986	5.000	57.47		1.000		YES			0.162	
169	1... 13C-PCB-1	1.03e6	3.28	NO	0.893	5.000	15.52	15.52	0.608	0.608	NO	1167	58.4	0.955	
170	1... 13C-PCB-3	1.03e6	3.25	NO	0.911	5.000	18.17	18.17	0.712	0.712	NO	1143	57.2	0.937	
171	1... 13C-PCB-4	8.37e5	1.60	NO	0.600	5.000	19.52	19.52	0.765	0.765	NO	1411	70.5	0.763	
172	1... 13C-PCB-9	1.37e6	1.59	NO	0.970	5.000	21.35	21.35	0.836	0.836	NO	1432	71.6	0.472	
173	1... 13C-PCB-11	1.43e6	1.58	NO	0.962	5.000	24.79	24.80	0.971	0.972	NO	1500	75.0	0.476	
174	1... 13C-PCB-19	6.00e5	1.05	NO	0.499	5.000	23.76	23.76	0.931	0.931	NO	1217	60.9	9.94	
175	1... 13C-PCB-32	9.20e5	1.05	NO	0.744	5.000	26.75	26.75	1.048	1.048	NO	1251	62.6	6.66	
176	1... 13C-PCB-28	1.38e6	1.03	NO	1.06	5.000	28.77	28.77	1.004	1.004	NO	1532	76.6	7.13	
177	1... 13C-PCB-37	1.34e6	1.03	NO	0.989	5.000	32.75	32.75	1.143	1.143	NO	1599	80.0	7.67	
178	1... 13C-PCB-54	8.36e5	0.77	NO	0.999	5.000	27.62	27.62	0.753	0.753	NO	1485	74.3	1.81	
179	1... 13C-PCB-52	7.06e5	0.79	NO	0.804	5.000	31.26	31.26	0.852	0.852	NO	1559	77.9	2.25	
180	1... 13C-PCB-47	7.49e5	0.78	NO	0.857	5.000	31.78	31.78	0.866	0.867	NO	1551	77.6	2.11	
181	1... 13C-PCB-70	9.27e5	0.80	NO	0.996	5.000	35.41	35.41	0.965	0.966	NO	1653	82.7	1.82	
182	1... 13C-PCB-80	9.49e5	0.79	NO	1.03	5.000	35.84	35.84	0.977	0.977	NO	1640	82.0	1.76	
183	1... 13C-PCB-81	9.28e5	0.79	NO	0.988	5.000	39.04	39.04	1.064	1.064	NO	1668	83.4	1.84	
184	1... 13C-PCB-77	9.16e5	0.81	NO	0.969	5.000	39.66	39.66	1.081	1.081	NO	1679	84.0	1.87	
185	1... 13C-PCB-104	5.92e5	1.63	NO	1.02	5.000	32.46	32.46	0.827	0.827	NO	1594	79.7	1.18	
186	1... 13C-PCB-95	4.68e5	1.59	NO	0.805	5.000	35.71	35.71	0.910	0.910	NO	1593	79.6	1.49	
187	1... 13C-PCB-101	4.69e5	1.62	NO	0.793	5.000	37.46	37.46	0.954	0.954	NO	1620	81.0	1.51	
188	1... 13C-PCB-97	4.22e5	1.63	NO	0.696	5.000	38.80	38.80	0.989	0.989	NO	1661	83.1	1.72	
189	1... 13C-PCB-123	5.65e5	1.59	NO	0.933	5.000	41.44	41.44	1.056	1.056	NO	1660	83.0	1.28	
190	1... 13C-PCB-118	6.02e5	1.66	NO	0.986	5.000	41.63	41.65	1.061	1.061	NO	1673	83.6	1.22	
191	1... 13C-PCB-114	9.05e5	1.59	NO	1.55	5.000	42.30	42.32	0.908	0.908	NO	1834	91.7	1.48	
192	1... 13C-PCB-105	9.46e5	1.58	NO	1.57	5.000	43.19	43.21	0.927	0.927	NO	1886	94.3	1.46	
193	1... 13C-PCB-127	9.80e5	1.61	NO	1.62	5.000	43.55	43.55	0.934	0.935	NO	1891	94.6	1.41	
194	1... 13C-PCB-126	9.10e5	1.59	NO	1.57	5.000	45.51	45.51	0.976	0.976	NO	1819	90.9	1.46	
195	1... 13C-PCB-155	4.11e5	1.28	NO	0.615	5.000	36.98	36.99	0.942	0.943	NO	1831	91.6	0.665	
196	1... 13C-PCB-153	7.20e5	1.30	NO	1.36	5.000	43.36	43.38	0.930	0.931	NO	1654	82.7	1.96	
197	1... 13C-PCB-141	5.88e5	1.26	NO	1.13	5.000	44.12	44.14	0.947	0.947	NO	1635	81.7	2.37	
198	1... 13C-PCB-138	6.09e5	1.29	NO	1.18	5.000	44.99	45.01	0.965	0.966	NO	1612	80.6	2.26	
199	1... 13C-PCB-159	7.56e5	1.27	NO	1.44	5.000	46.32	46.34	0.994	0.994	NO	1646	82.3	1.86	
200	2... 13C-PCB-167	7.45e5	1.29	NO	1.44	5.000	47.02	47.04	1.009	1.009	NO	1622	81.1	1.86	
201	2... 13C-PCB-156	7.37e5	1.31	NO	1.40	5.000	48.37	48.37	1.038	1.038	NO	1653	82.7	1.92	

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-9.qld

Last Altered: Thursday, June 04, 2020 09:44:58 Pacific Daylight Time

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Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-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
202	2... 13C-PCB-157	7.41e5	1.27	NO	1.40	5.000	48.63	48.65	1.043	1.044	NO	1664	83.2	1.92	
203	2... 13C-PCB-169	7.01e5	1.30	NO	1.33	5.000	50.91	50.90	1.092	1.092	NO	1651	82.5	2.01	
204	2... 13C-PCB-188	5.37e5	0.44	NO	1.41	5.000	42.99	42.99	0.926	0.926	NO	1674	83.7	1.59	
205	2... 13C-PCB-180	3.67e5	0.44	NO	0.929	5.000	49.69	49.69	1.070	1.070	NO	1738	86.9	2.41	
206	2... 13C-PCB-170	3.09e5	0.46	NO	0.794	5.000	51.36	51.36	1.106	1.106	NO	1713	85.7	2.82	
207	2... 13C-PCB-189	4.18e5	0.46	NO	1.04	5.000	53.06	53.08	1.143	1.143	NO	1760	88.0	2.15	
208	2... 13C-PCB-202	4.32e5	0.92	NO	1.04	5.000	48.59	48.59	1.046	1.047	NO	1835	91.7	1.66	
209	2... 13C-PCB-194	5.01e5	0.86	NO	0.768	5.000	54.71	54.70	0.995	0.995	NO	1697	84.9	3.90	
210	2... 13C-PCB-208	5.76e5	0.75	NO	0.991	5.000	53.93	53.94	0.981	0.981	NO	1514	75.7	2.41	
211	2... 13C-PCB-206	3.24e5	0.79	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	1528	76.4	4.32	
212	2... 13C-PCB-209	2.25e5	1.20	NO	0.396	5.000	57.48	57.47	1.046	1.046	NO	1474	73.7	0.300	
213	2... 13C-PCB-15	1.98e6	1.60	NO	1.00	5.000	25.53	25.53	1.000	0.000	NO	2000	100	0.458	
214	2... 13C-PCB-31	1.69e6	1.03	NO	1.00	5.000	28.66	28.66	1.000	0.000	NO	2000	100	7.59	
215	2... 13C-PCB-60	1.13e6	0.78	NO	1.00	5.000	36.68	36.68	1.000	0.000	NO	2000	100	1.81	
216	2... 13C-PCB-111	7.30e5	1.61	NO	1.00	5.000	39.25	39.25	1.000	0.000	NO	2000	100	1.20	
217	2... 13C-PCB-128	6.38e5	1.29	NO	1.00	5.000	46.60	46.60	1.000	0.000	NO	2000	100	2.68	
218	2... 13C-PCB-182	4.55e5	0.45	NO	1.00	5.000	46.43	46.43	0.000	0.000	NO	2000	100	2.24	
219	2... 13C-PCB-205	7.69e5	0.90	NO	1.00	5.000	54.96	54.96	1.000	0.000	NO	2000	100	2.99	
220	2... 13C-PCB-79	1.02e6	0.80	NO	1.07	5.000	37.78	37.78	1.030	1.030	NO	1699	85.0	1.70	
221	2... 13C-PCB-178	3.87e5	0.45	NO	0.766	5.000	45.89	45.88	0.988	0.988	NO	1582	79.1	2.14	
222	2... 13C-PCB-79	1.02e6	0.80	NO	1.08	5.000	37.78	37.78	0.968	0.968	NO	2037	102	1.96	
223	2... 13C-PCB-178	3.87e5	0.44	NO	1.05	5.000	45.87	45.88	0.923	0.923	NO	2008	100	2.72	
224	2... Total Mono-PCBs				1.17	5.000	0.00		0.000		NO			1.11	0.381
225	2... Total Di-PCBs				1.05	5.000	0.00		0.000		NO			10.5	1.45
226	2... 2nd Function Tri-PCBs				1.08	5.000	0.00		0.000		NO			3.68	
227	2... 3rd Function Tri-PCBs				0.983	5.000	0.00		0.000		NO			6.88	0.723
228	2... Total Tetra-PCBs				1.08	5.000	0.00		0.000		NO			8.20	0.512
229	2... 3rd Function Penta-PCBs				1.32	5.000	0.00		0.000		NO			13.3	
230	2... 4th Function Penta-PCBs				1.07	5.000	0.00		0.000		NO			1.78	0.649
231	2... 3rd Function Hexa-PCBs				0.951	5.000	0.00		0.000		NO			3.96	
232	2... 4th Function Hexa-PCBs				1.03	5.000	0.00		0.000		NO			5.39	0.361
233	2... Total Hepta-PCBs				1.36	5.000	0.00		0.000		NO			5.52	0.312
234	2... 4th Function Octa-PCBs				1.00	5.000	0.00		0.000		NO			2.27	
235	2... 5th Function Octa-PCBs				1.15	5.000	0.00		0.000		NO	0.0000		0.523	0.5100

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-9.qld

Last Altered: Thursday, June 04, 2020 09:44:58 Pacific Daylight Time

Printed: Thursday, June 04, 2020 09:45:31 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

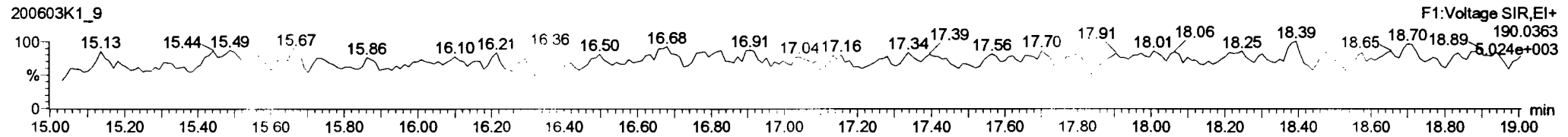
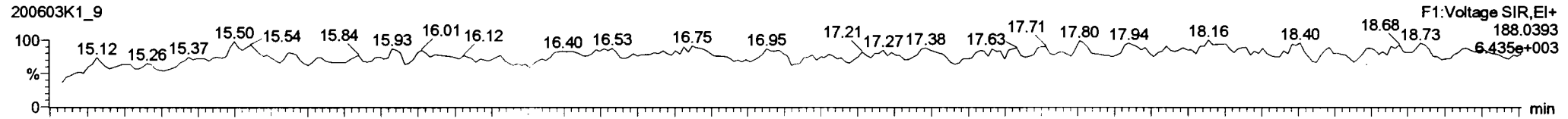
#	Name	Resp	RA	nly	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
236	2... Total Nona-PCBs				0.952	5.000	0.00		0.000		NO			0.162	0.20
237	2... Deca-CB				0.986	5.000	0.00		0.000		NO			0.162	
238	2... Total PCBs														

Dataset: Untitled

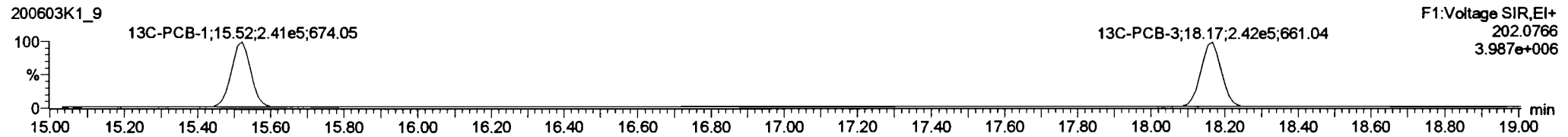
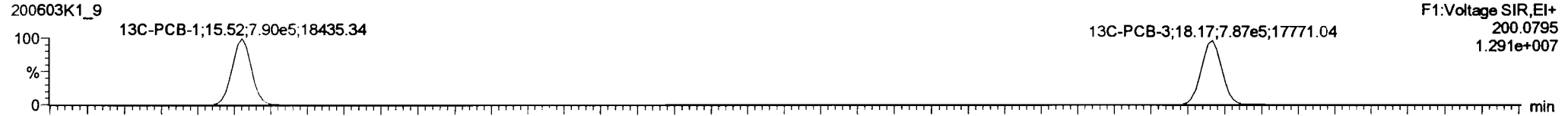
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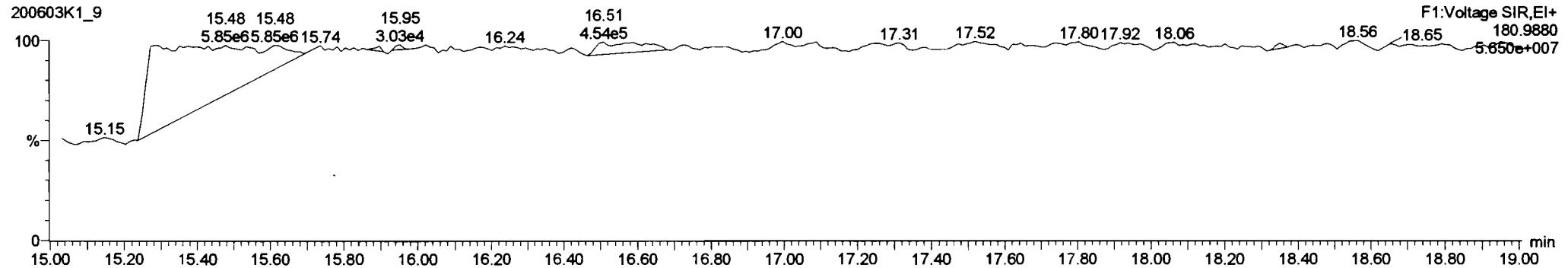
**PCB-1**



**13C-PCB-1**



**PFK1**

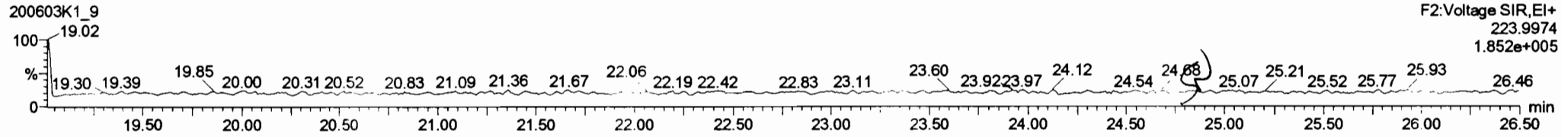
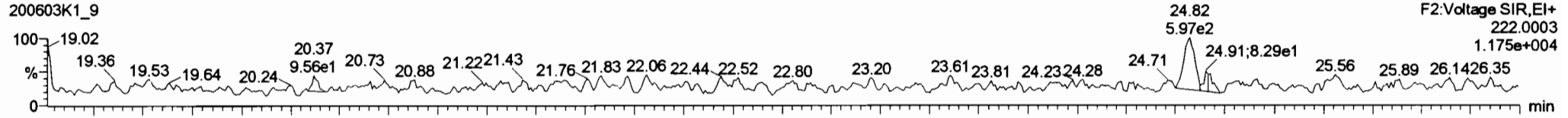


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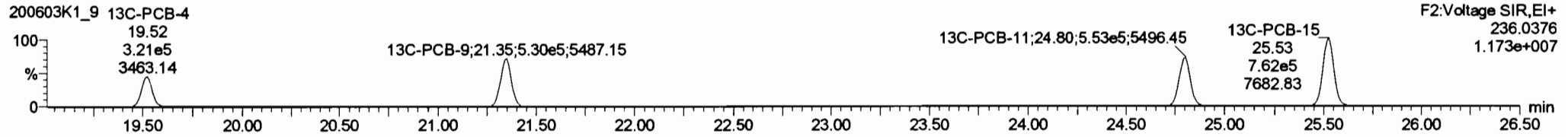
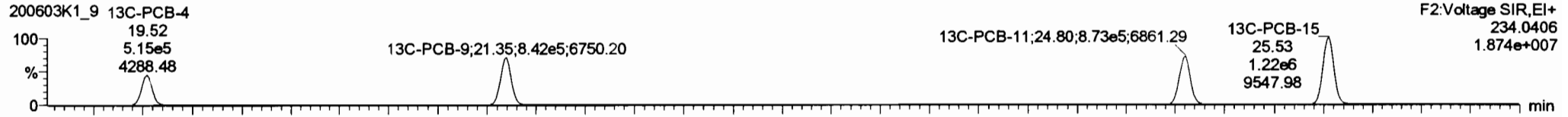
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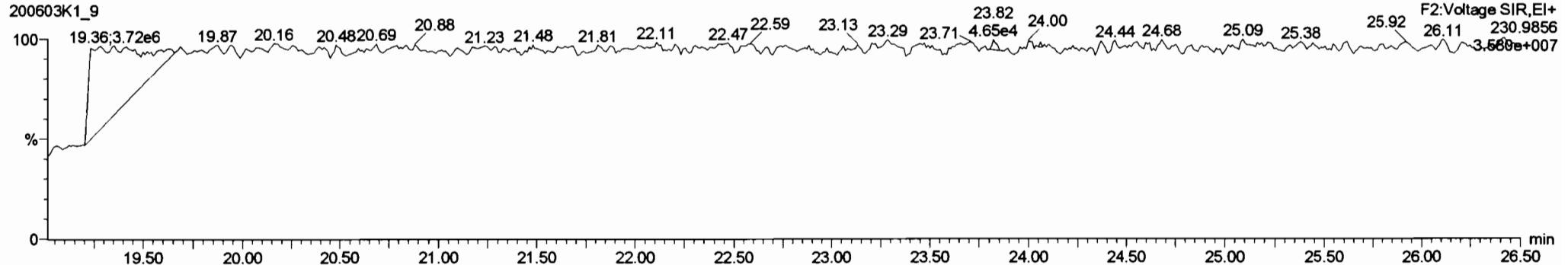
**PCB-4/10**



**13C-PCB-4**



**PFK2a**

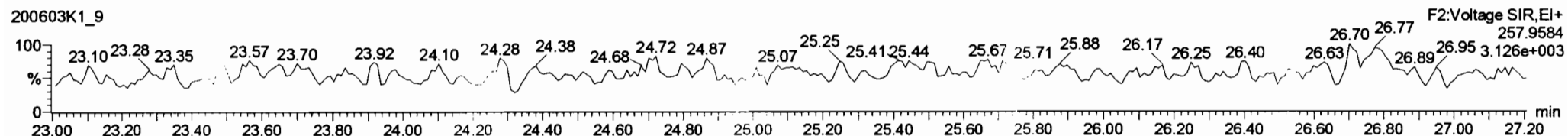
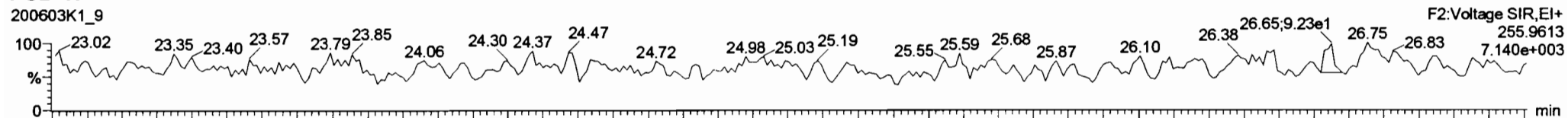


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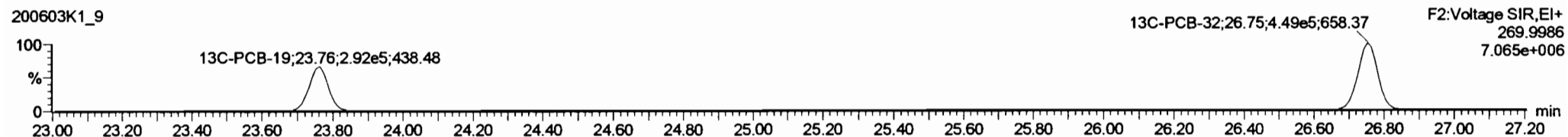
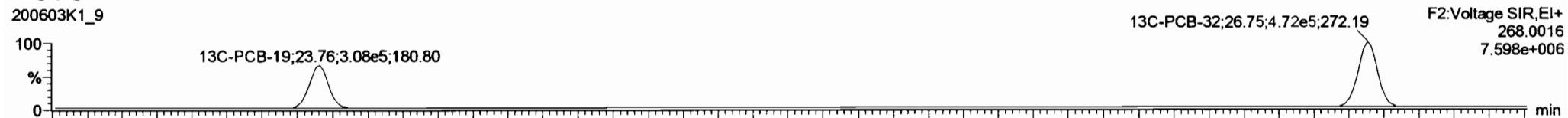
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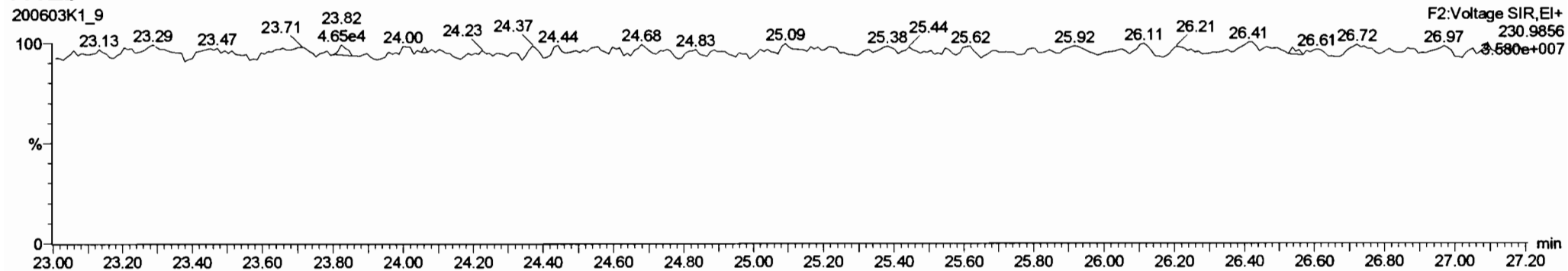
**PCB-19**



**13C-PCB-19**



**PFK2b**



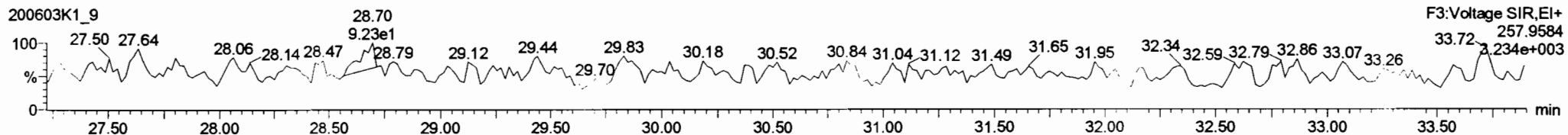
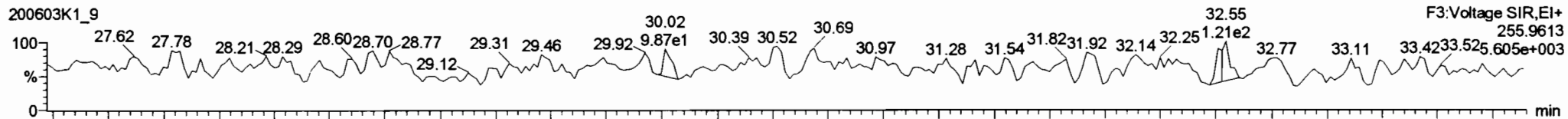


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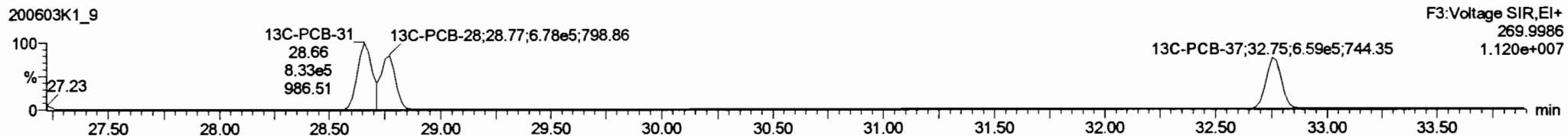
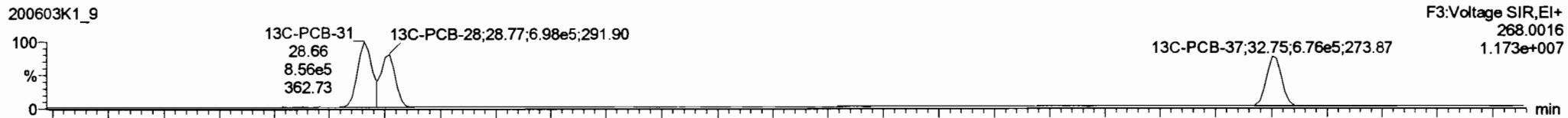
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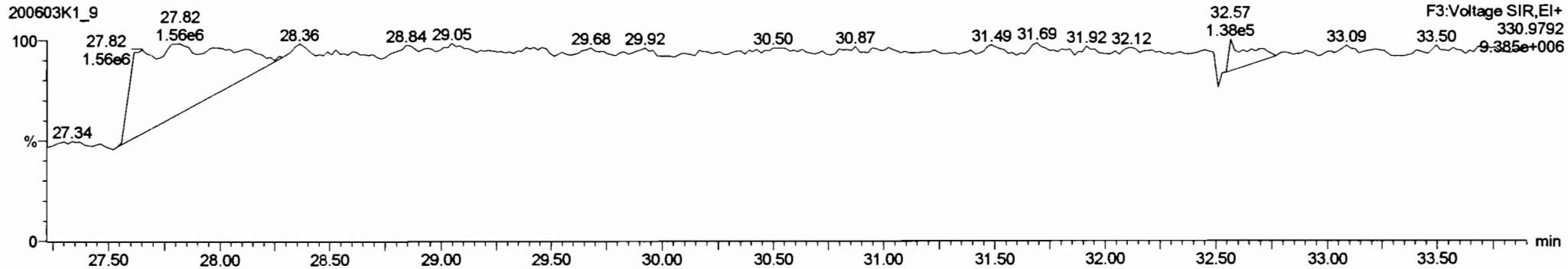
**PCB-34**



**13C-PCB-28**



**PFK3d**



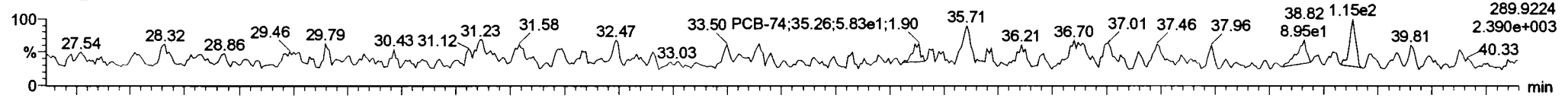
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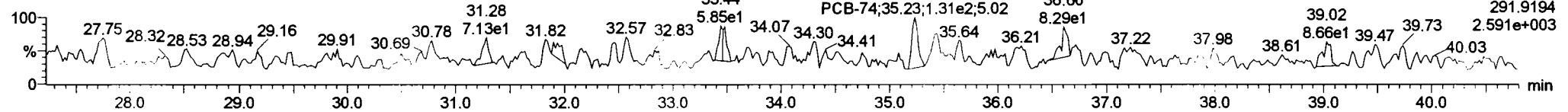
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**PCB-54**

200603K1\_9

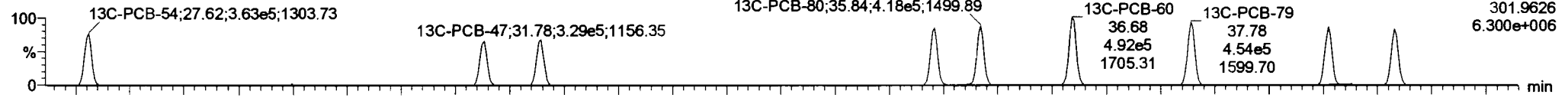


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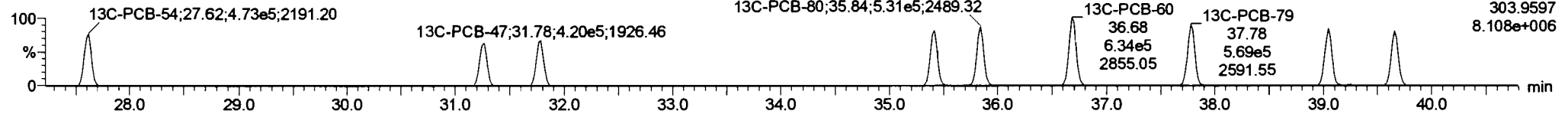


**13C-PCB-54**

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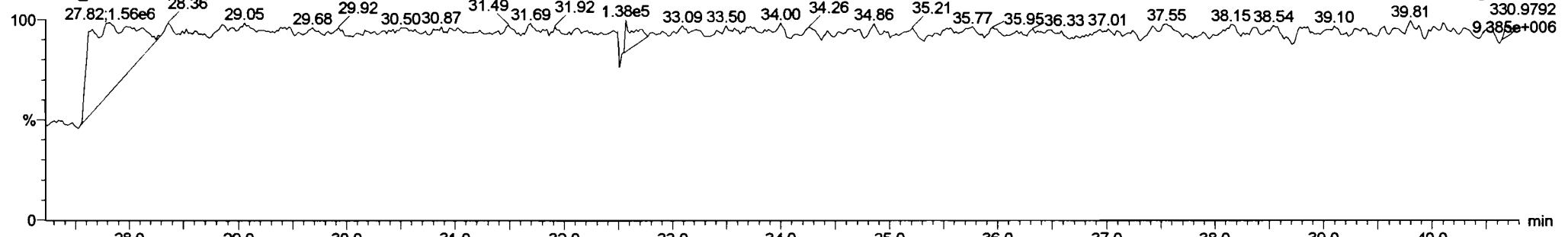


200603K1\_9



**PFK3a**

200603K1\_9



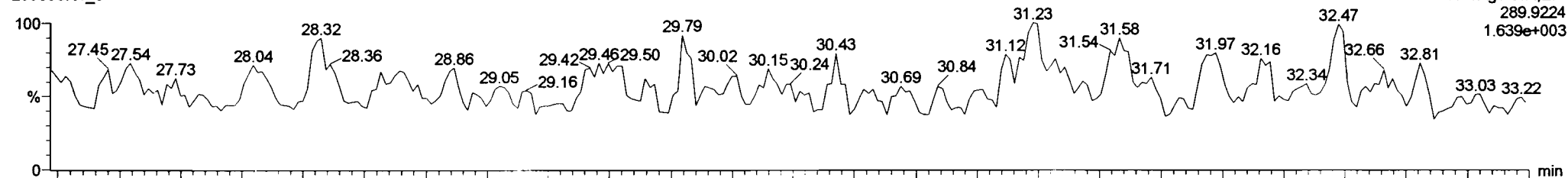
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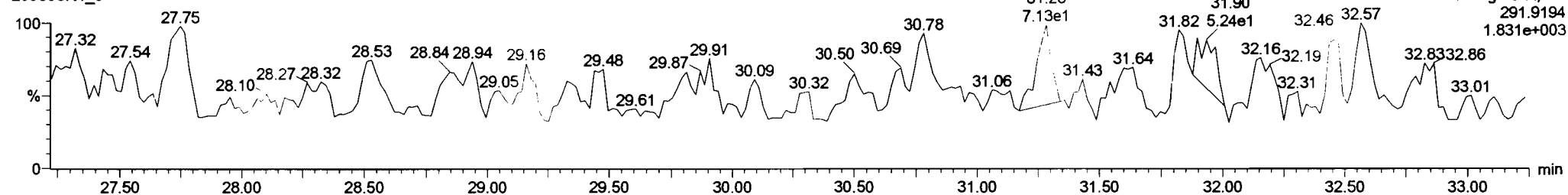
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PCB-50

200603K1\_9

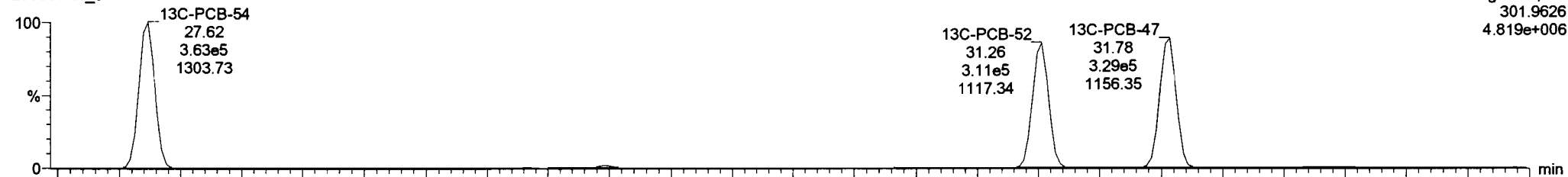


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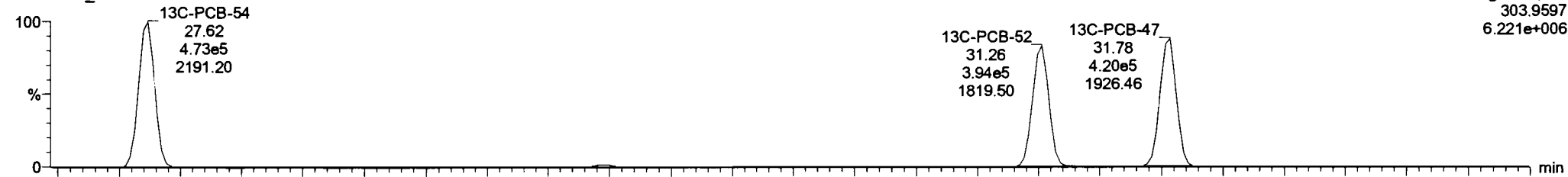


13C-PCB-52

200603K1\_9



200603K1\_9



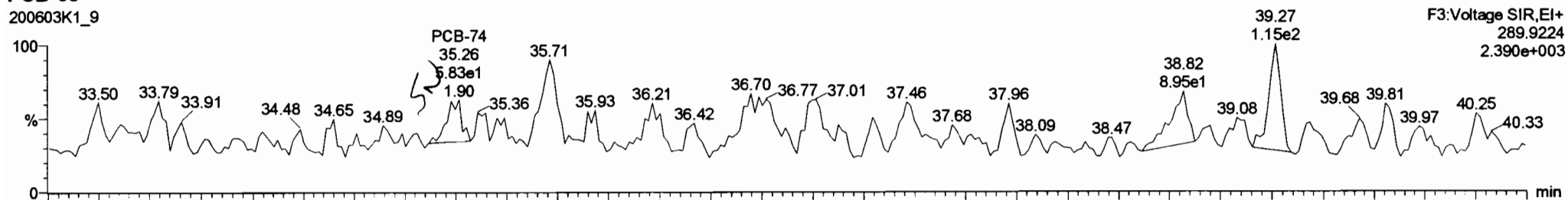
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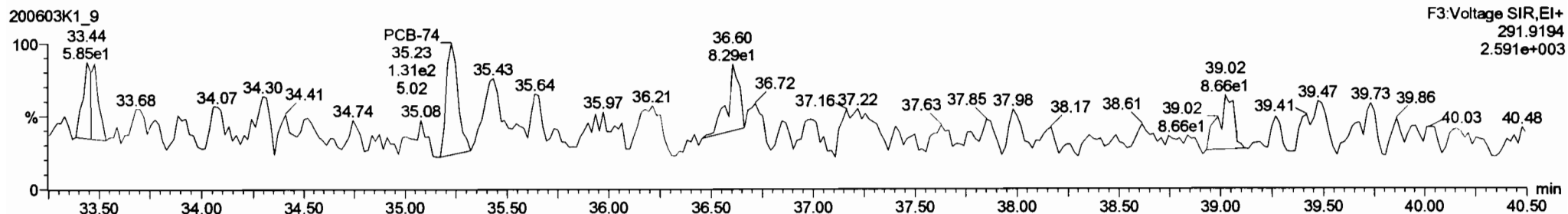
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PCB-68

200603K1\_9

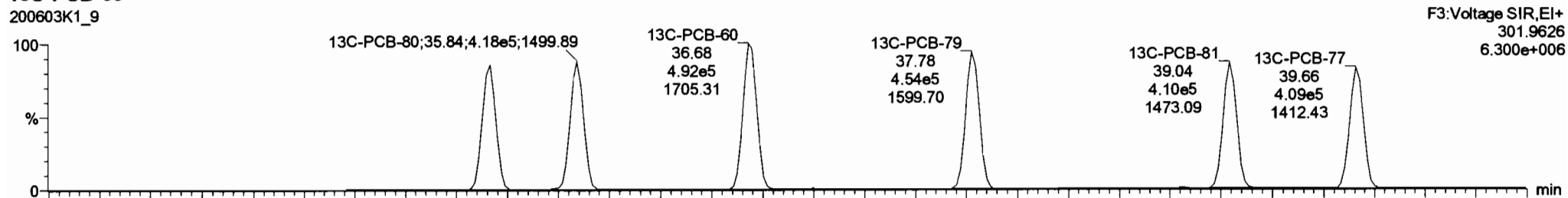


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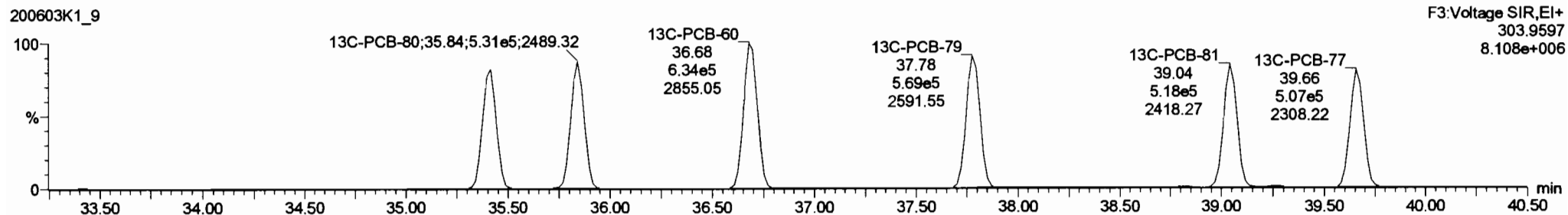


13C-PCB-60

200603K1\_9



200603K1\_9



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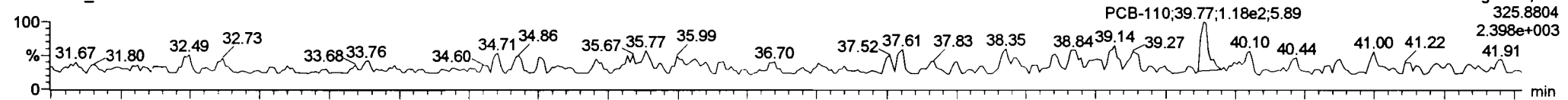
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

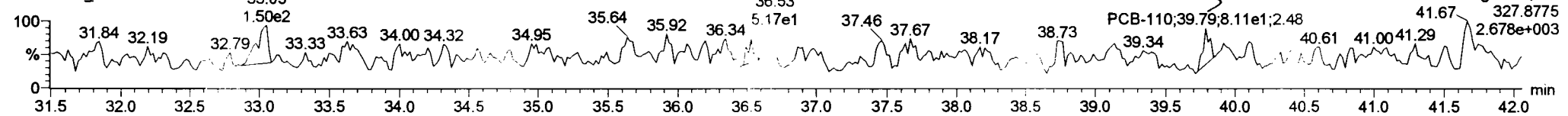
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-104**

200603K1\_9

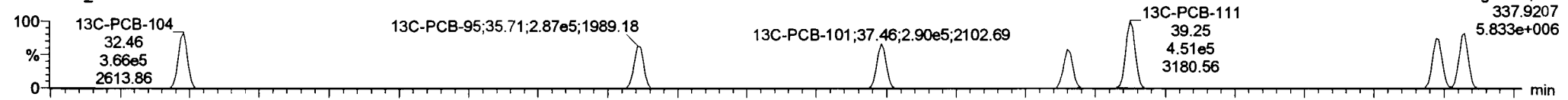


200603K1\_9

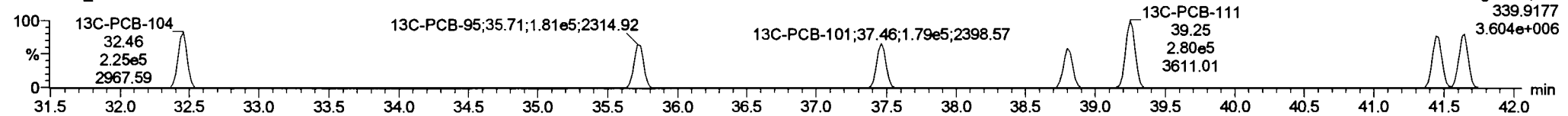


**13C-PCB-104**

200603K1\_9

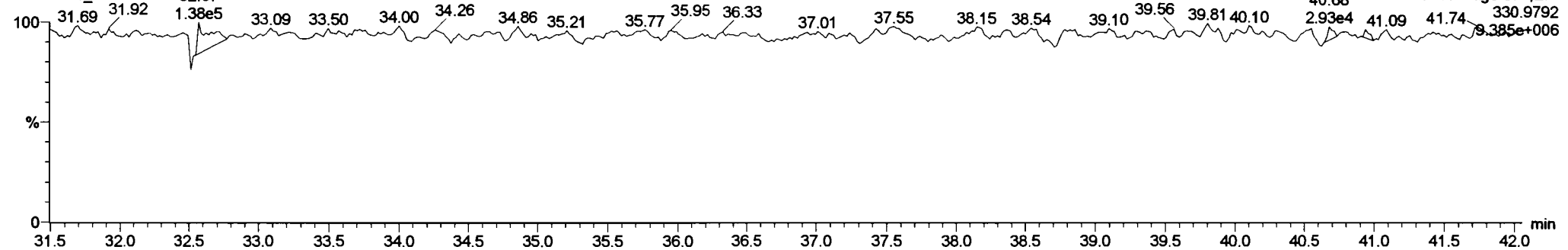


200603K1\_9



**PFK3b**

200603K1\_9



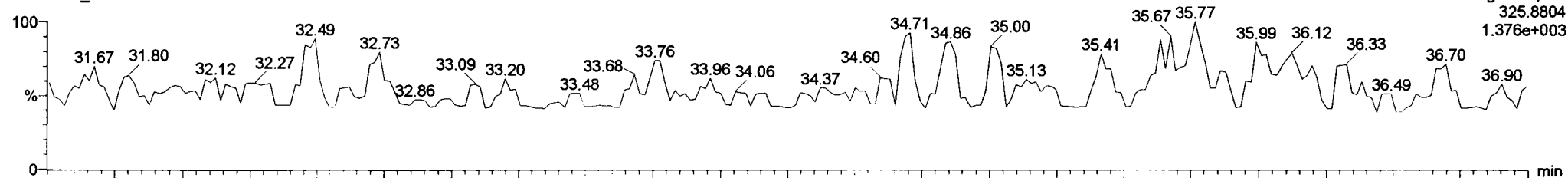
Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

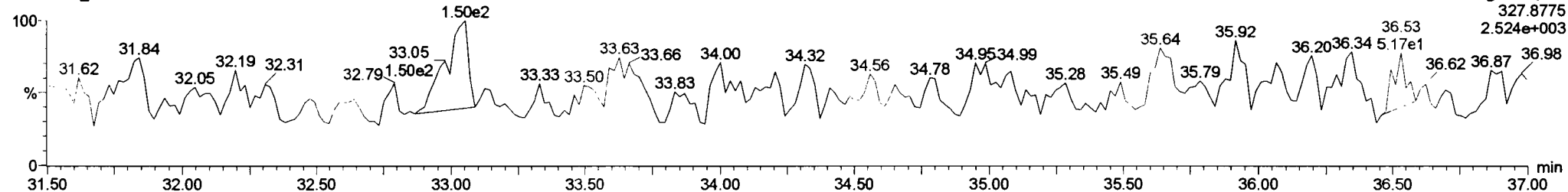
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-96**

200603K1\_9

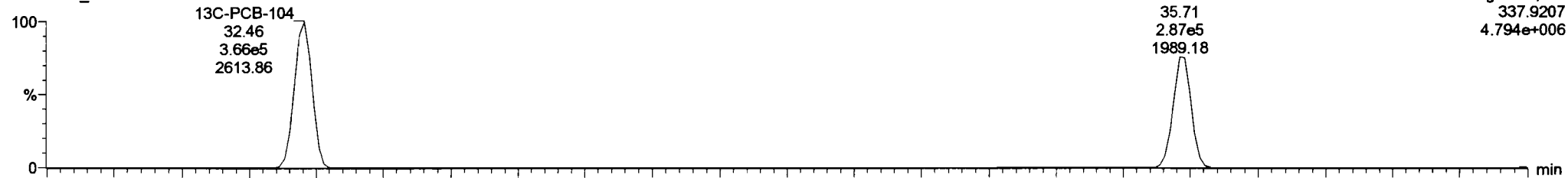


200603K1\_9

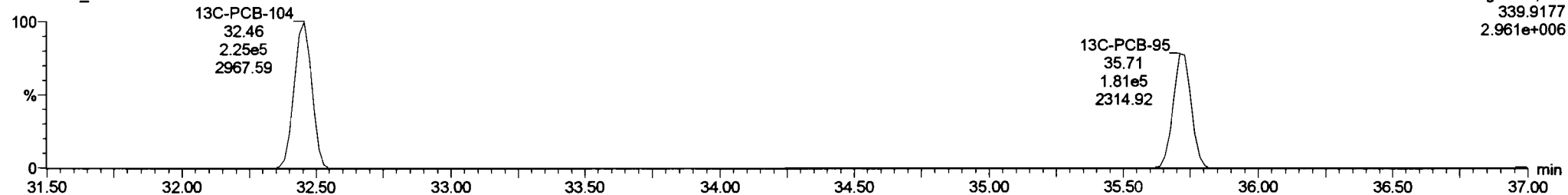


**13C-PCB-95**

200603K1\_9



200603K1\_9



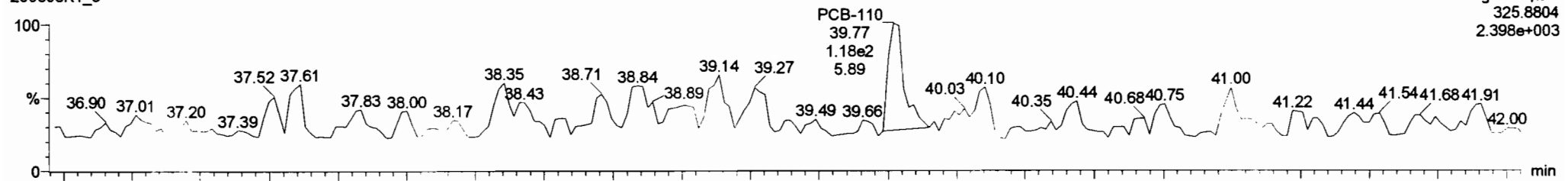
Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

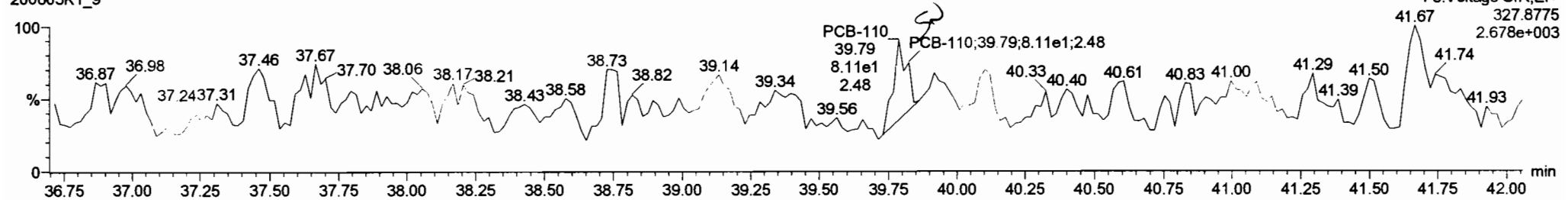
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-119**

200603K1\_9

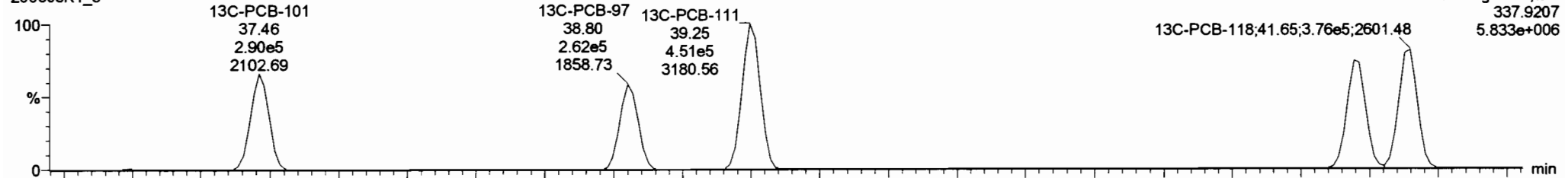


200603K1\_9

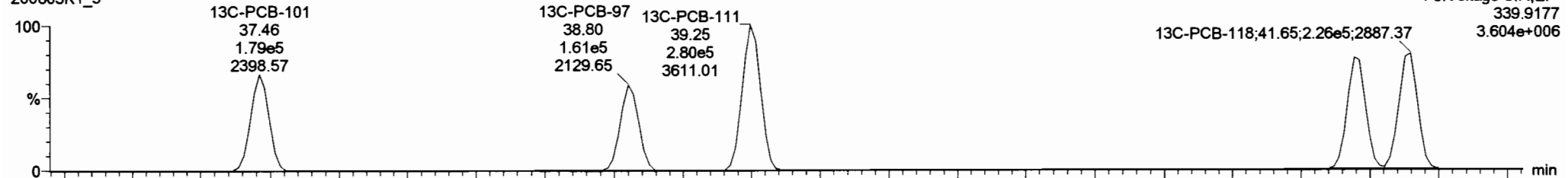


**13C-PCB-111**

200603K1\_9



200603K1\_9



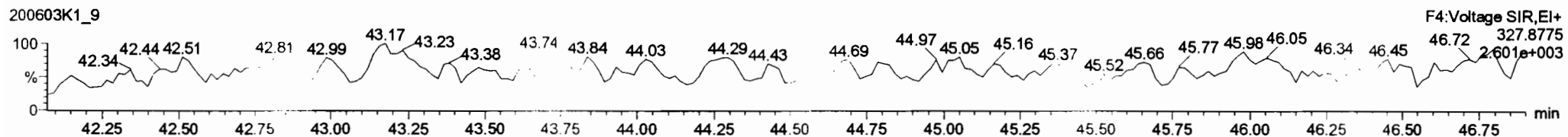
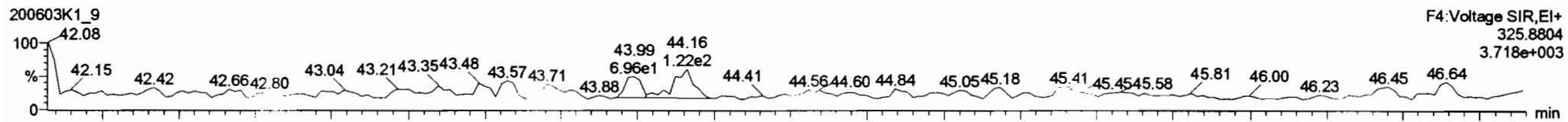
Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

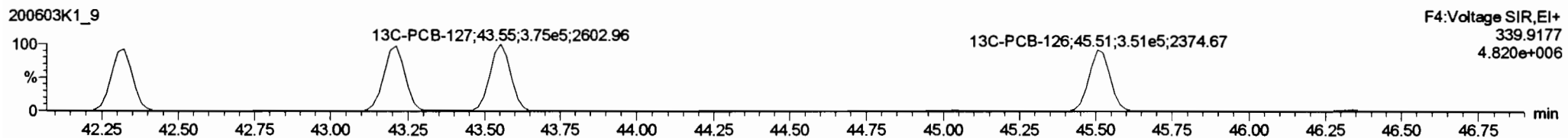
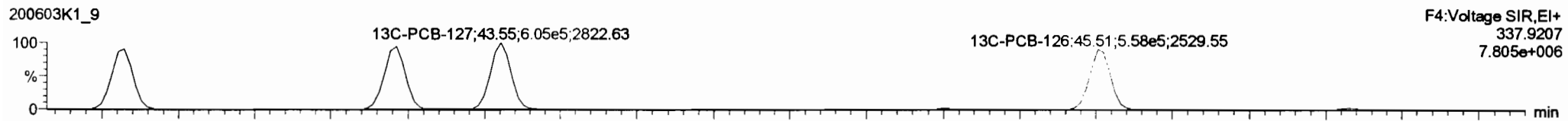
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

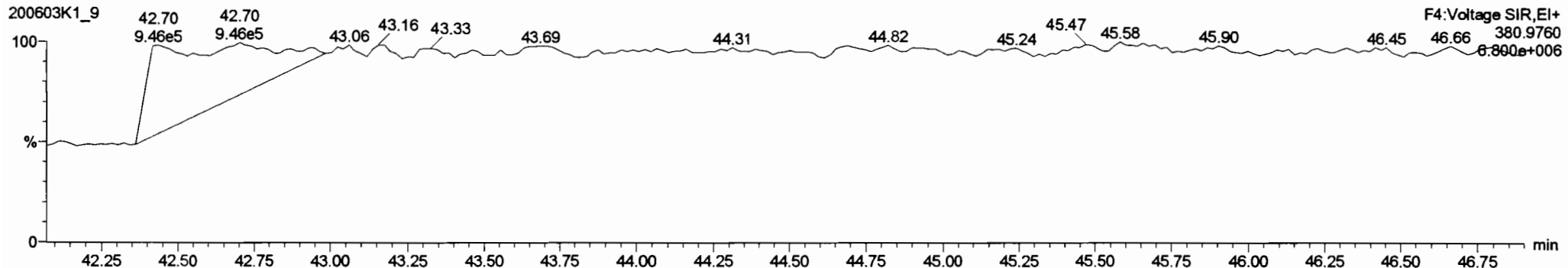
**PCB-114**



**13C-PCB-114**



**PFK4a**



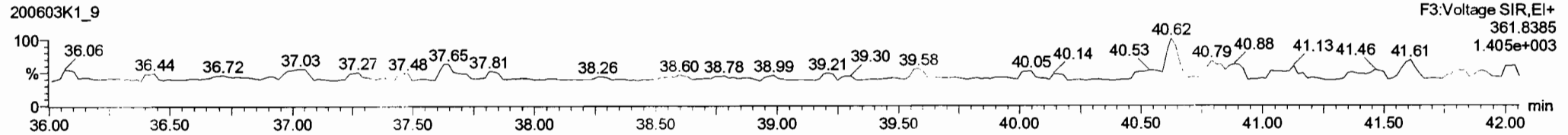
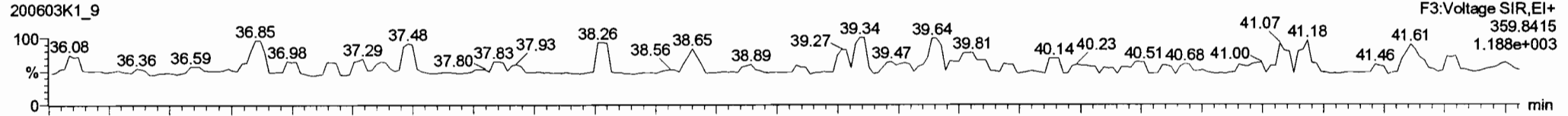


Dataset: Untitled

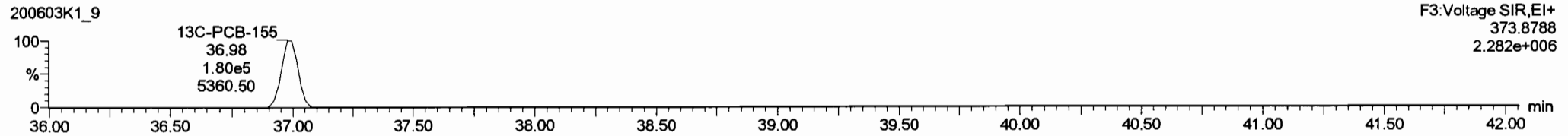
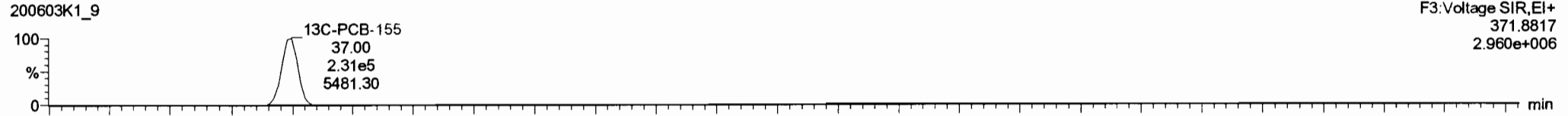
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

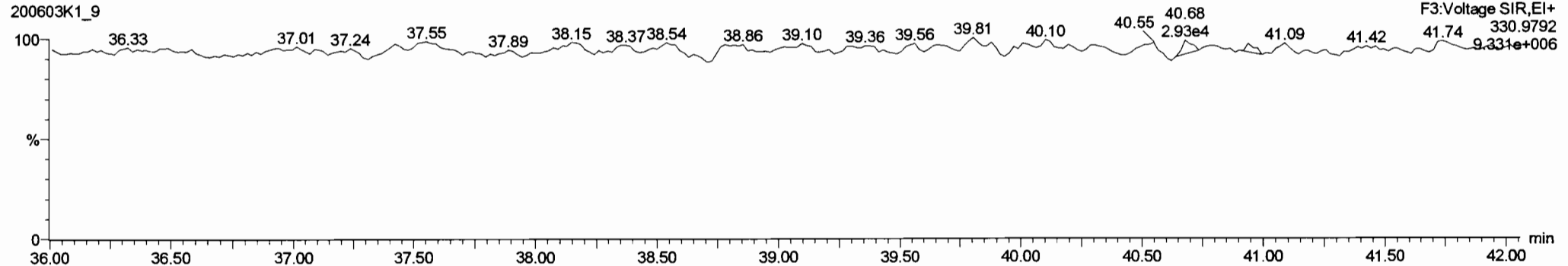
**PCB-155**



**13C-PCB-155**



**PFK3c**



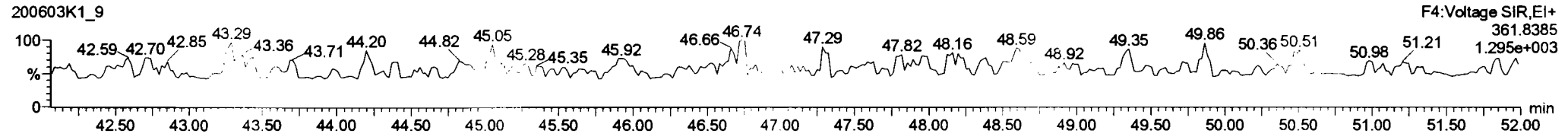
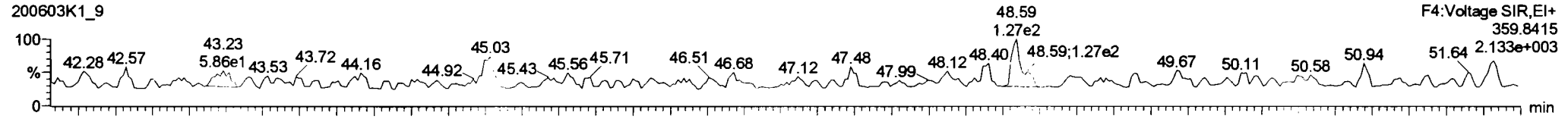
Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

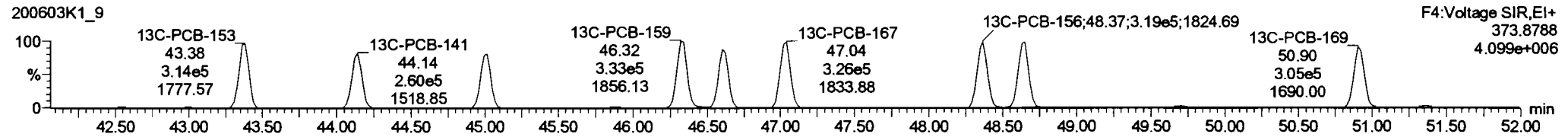
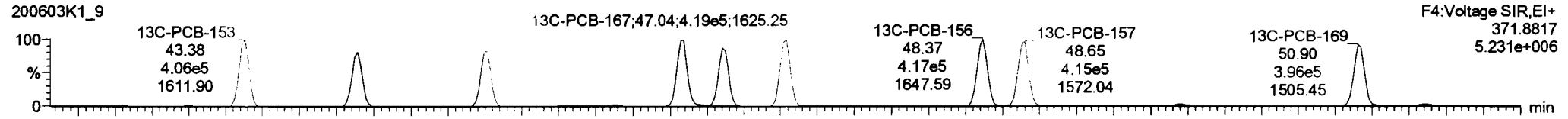
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

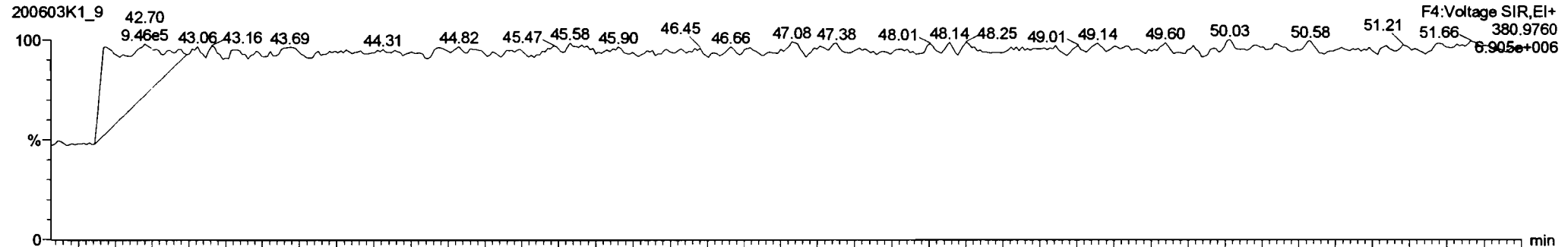
**PCB-134/143**



**13C-PCB-153**



**PFK4b**

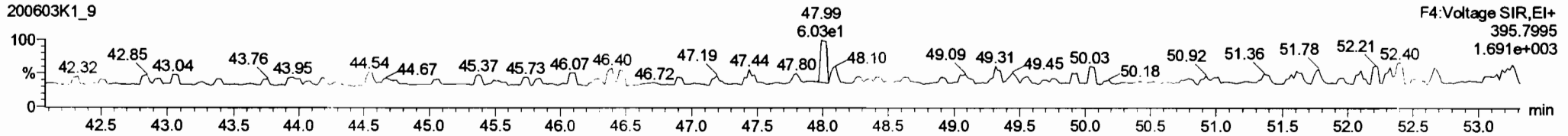
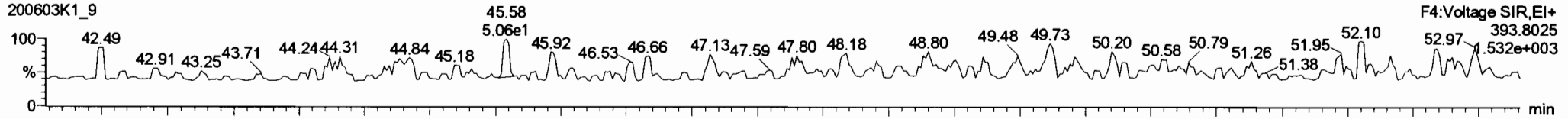


Dataset: Untitled

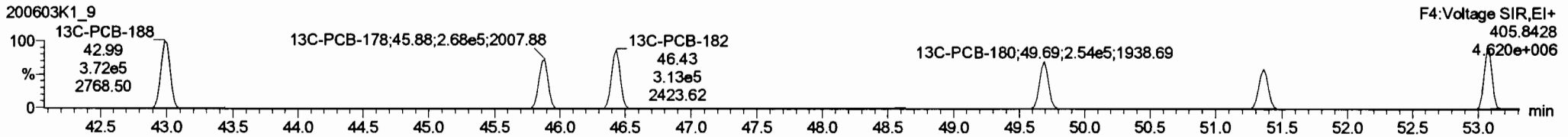
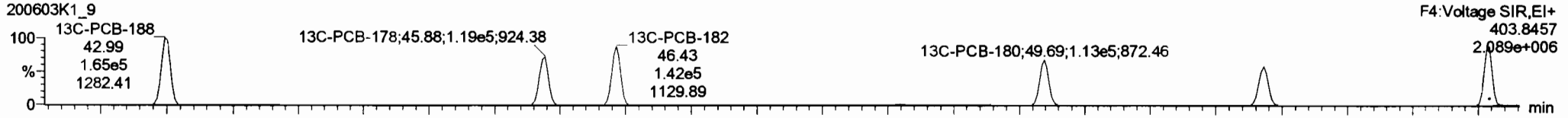
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

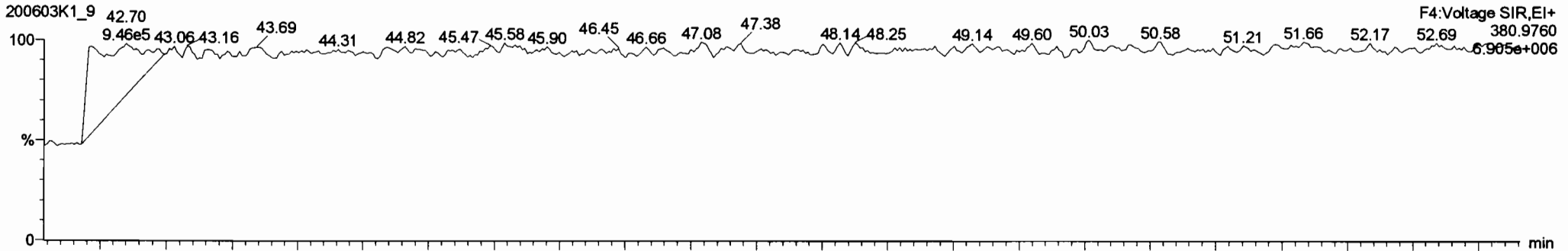
**PCB-188**



**13C-PCB-188**



**PFK4c**



Dataset: Untitled

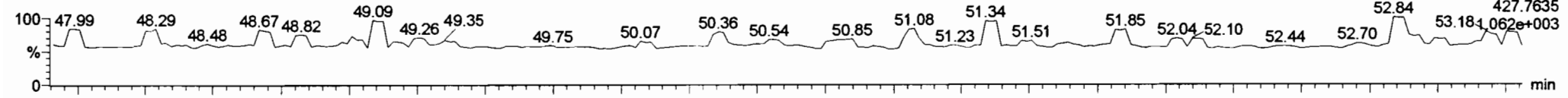
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

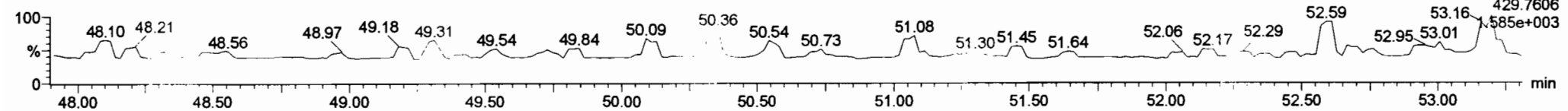
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-202**

200603K1\_9

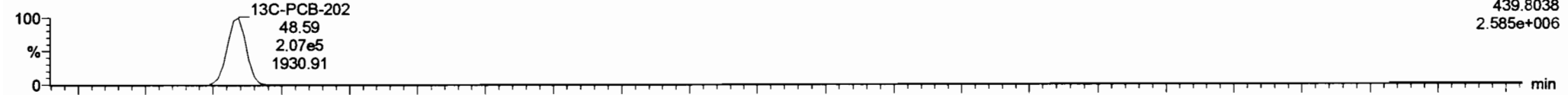


200603K1\_9

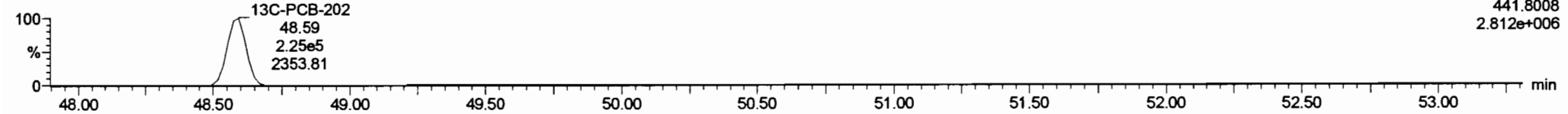


**13C-PCB-202**

200603K1\_9

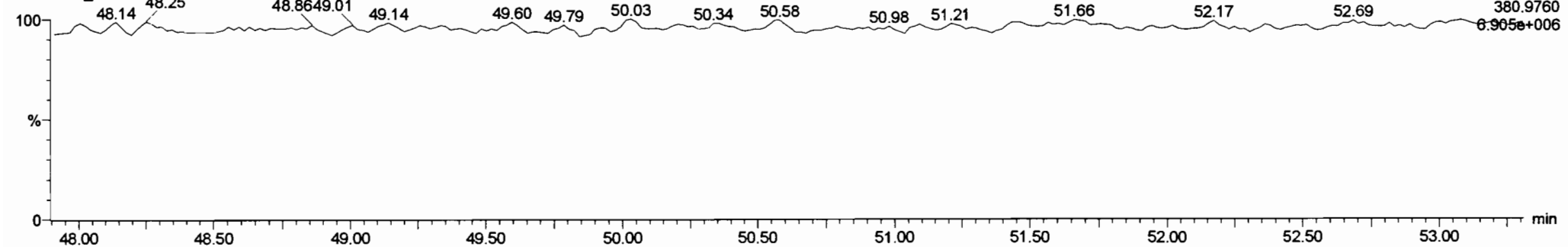


200603K1\_9



**PFK4d**

200603K1\_9

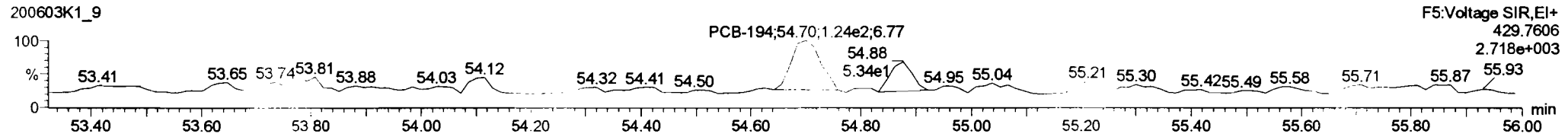
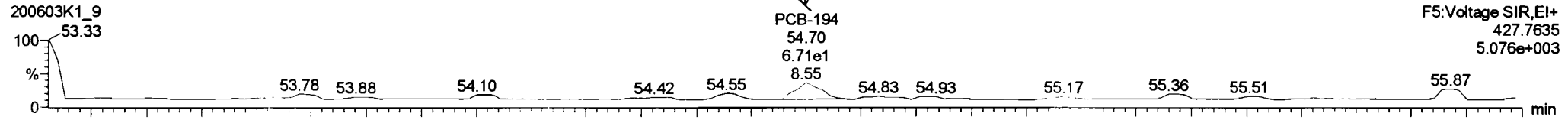


Dataset: Untitled

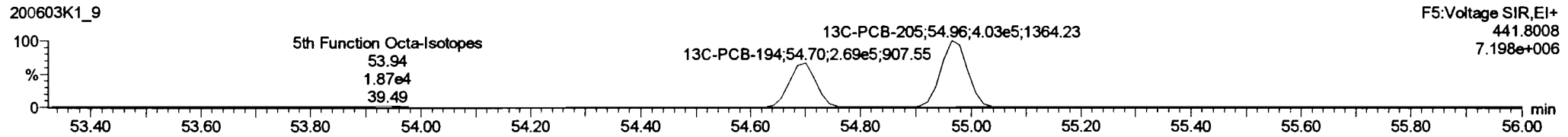
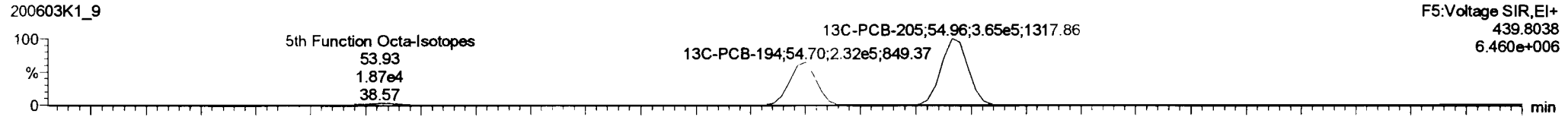
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

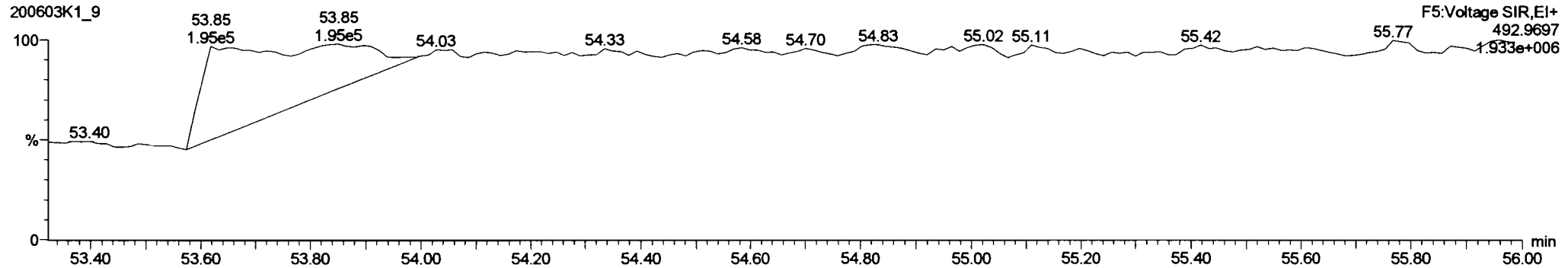
**PCB-195**



**13C-PCB-194**



**PFK5a**



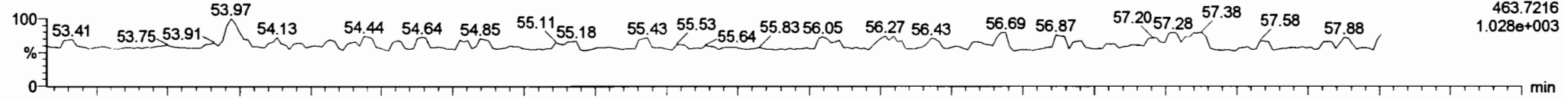
Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

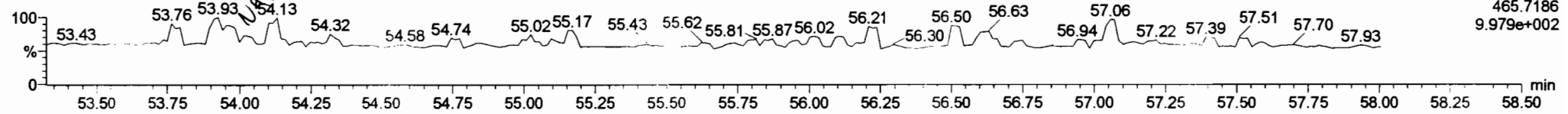
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-208**

200603K1\_9

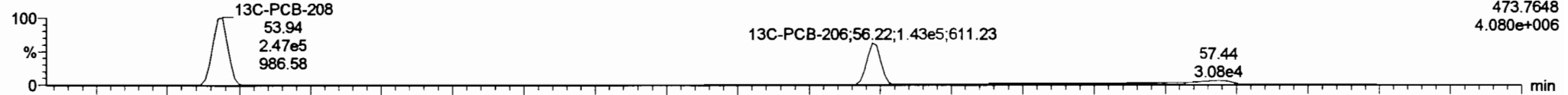


200603K1\_9

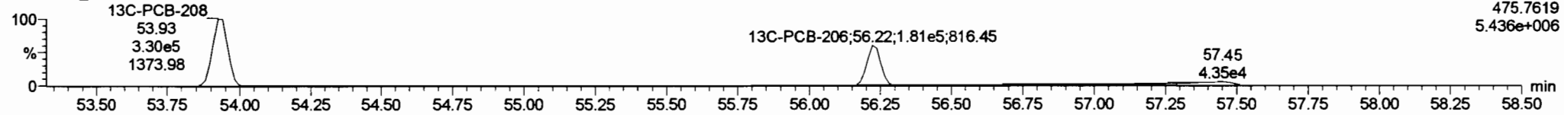


**13C-PCB-208**

200603K1\_9

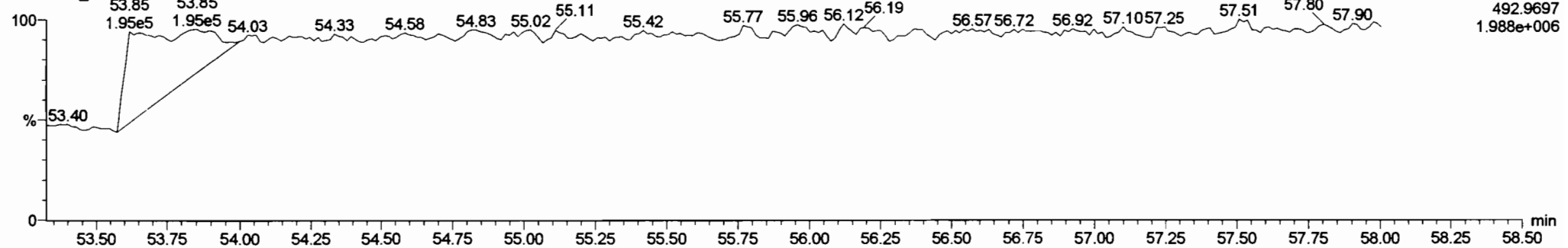


200603K1\_9



**PFK5**

200603K1\_9



Dataset: Untitled

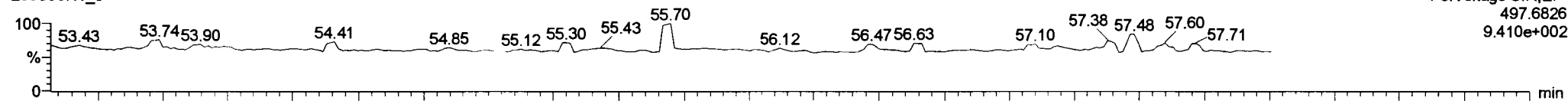
Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

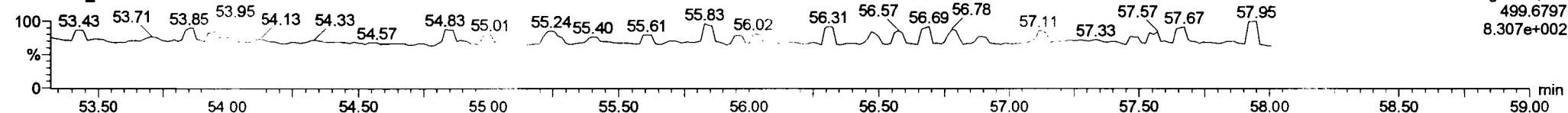
Name: 200603K1\_9, Date: 03-Jun-2020, Time: 22:50:12, ID: B0D0324-BLK1 Method Blank 5, Description: Method Blank

**PCB-209**

200603K1\_9

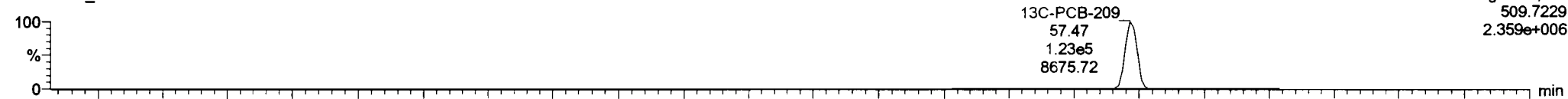


200603K1\_9

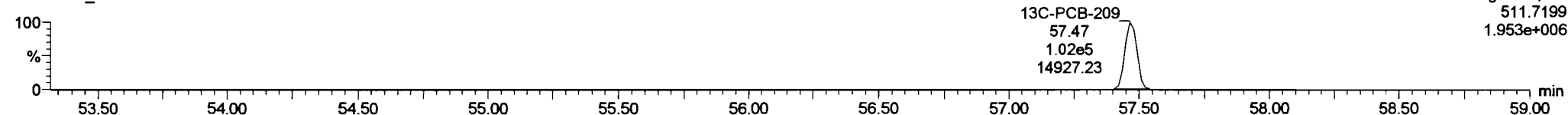


**13C-PCB-209**

200603K1\_9

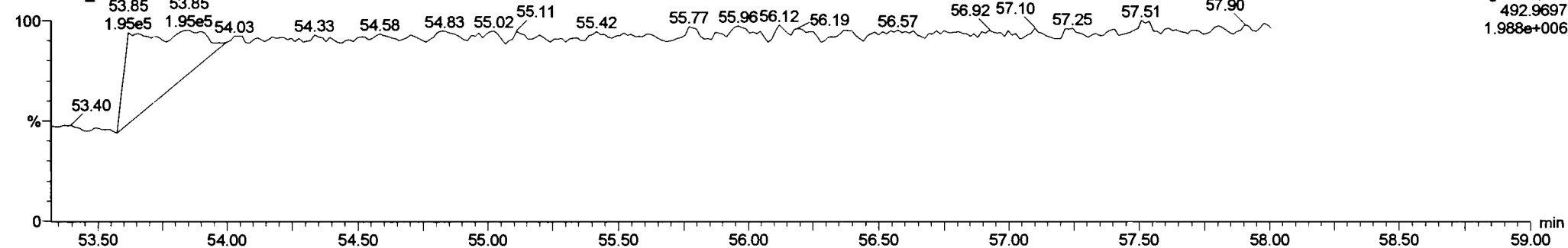


200603K1\_9



**PFK5b**

200603K1\_9



Dataset: U:\VG11.PRO\Results\200603K1\200603K1-3.qld

Last Altered: Thursday, June 04, 2020 09:42:05 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 09:42:27 Pacific Daylight Time

*ht 6.4.2020*

*6/10/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-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
1	1 PCB-1	8.22e5	3.19	NO	1.17	5.000	15.53	15.54	1.001	1.001	NO	1207		0.302	1207
2	2 PCB-2	8.49e5	3.16	NO	1.18	5.000	17.95	17.94	0.988	0.988	NO	1215		0.308	1215
3	3 PCB-3	8.17e5	3.12	NO	1.15	5.000	18.18	18.18	1.001	1.001	NO	1204		0.317	1204
4	4 PCB-4/10	1.40e6	1.57	NO	1.25	5.000	19.60	19.60	1.004	1.004	NO	2416		1.68	2416
5	5 PCB-7/9	1.77e6	1.56	NO	0.960	5.000	21.41	21.40	1.003	1.002	NO	2402		1.35	2402
6	6 PCB-6	9.50e5	1.56	NO	1.02	5.000	22.06	22.06	1.033	1.033	NO	1207		1.27	1207
7	7 PCB-5/8	1.87e6	1.56	NO	0.992	5.000	22.46	22.46	1.052	1.052	NO	2447		1.31	2447
8	8 PCB-14	9.61e5	1.56	NO	1.02	5.000	23.60	23.60	0.952	0.952	NO	1190		1.29	1190
9	9 PCB-11	1.06e6	1.57	NO	1.13	5.000	24.81	24.82	1.001	1.001	NO	1182		1.17	1182
10	10 PCB-12/13	1.95e6	1.59	NO	1.03	5.000	25.25	25.20	1.018	1.016	NO	2394		1.28	2394
11	11 PCB-15	9.75e5	1.59	NO	1.03	5.000	25.56	25.55	1.031	1.030	NO	1187		1.27	1187
12	12 PCB-19	4.30e5	1.04	NO	1.11	5.000	23.79	23.78	1.001	1.001	NO	1155		0.813	1155
13	13 PCB-30	7.17e5	1.04	NO	1.79	5.000	24.69	24.69	1.039	1.039	NO	1186		0.501	1186
14	14 PCB-18	4.88e5	1.03	NO	0.818	5.000	25.46	25.46	0.952	0.952	NO	1147		0.710	1147
15	15 PCB-17	4.63e5	1.04	NO	0.758	5.000	25.63	25.64	0.958	0.958	NO	1175		0.766	1175
16	16 PCB-24/27	1.30e6	1.02	NO	1.08	5.000	26.25	26.24	0.981	0.981	NO	2318		0.537	2318
17	17 PCB-16/32	1.13e6	1.03	NO	0.925	5.000	26.77	26.77	1.001	1.001	NO	2345		0.628	2345
18	18 PCB-34	8.79e5	1.02	NO	0.945	5.000	27.58	27.58	0.959	0.959	NO	1213		0.928	1213
19	19 PCB-23	8.02e5	1.03	NO	0.883	5.000	27.67	27.67	0.962	0.962	NO	1185		0.993	1185
20	20 PCB-29	8.29e5	1.04	NO	0.893	5.000	27.93	27.93	0.971	0.971	NO	1212		0.982	1212
21	21 PCB-26	8.82e5	1.04	NO	0.944	5.000	28.16	28.16	0.979	0.979	NO	1219		0.929	1219
22	22 PCB-25	8.90e5	1.04	NO	0.950	5.000	28.31	28.32	0.984	0.984	NO	1222		0.923	1222
23	23 PCB-31	9.89e5	1.02	NO	1.04	5.000	28.68	28.68	0.997	0.997	NO	1245		0.846	1245
24	24 PCB-28	9.64e5	1.04	NO	1.03	5.000	28.79	28.79	1.001	1.001	NO	1226		0.856	1226
25	25 PCB-20/21/33	2.65e6	1.04	NO	0.941	5.000	29.43	29.42	1.023	1.023	NO	3671		0.932	3671
26	26 PCB-22	9.21e5	1.05	NO	0.973	5.000	29.87	29.89	1.038	1.039	NO	1235		0.902	1235
27	27 PCB-36	9.69e5	1.04	NO	1.08	5.000	30.50	30.50	0.931	0.931	NO	1210		0.869	1210
28	28 PCB-39	8.90e5	1.05	NO	0.988	5.000	30.98	31.00	0.946	0.947	NO	1209		0.946	1209
29	29 PCB-38	9.30e5	1.03	NO	1.05	5.000	31.78	31.78	0.970	0.970	NO	1187		0.889	1187
30	30 PCB-35	9.59e5	1.03	NO	1.04	5.000	32.32	32.33	0.987	0.987	NO	1234		0.896	1234
31	31 PCB-37	9.32e5	1.03	NO	1.01	5.000	32.77	32.79	1.001	1.001	NO	1240		0.927	1240
32	32 PCB-54	6.11e5	0.76	NO	1.08	5.000	27.64	27.64	1.001	1.001	NO	1218		0.575	1218



Dataset: U:\VG11.PRO\Results\200603K1\200603K1-3.qld

Last Altered: Thursday, June 04, 2020 09:42:05 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 09:42:27 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-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	5.05e5	0.75	NO	0.880	5.000	28.83	28.83	1.044	1.044	NO	1235		0.706	1235
34	34 PCB-53	4.78e5	0.75	NO	0.997	5.000	29.50	29.50	0.944	0.943	NO	1207		0.739	1207
35	35 PCB-51	5.17e5	0.76	NO	1.07	5.000	29.85	29.85	0.955	0.955	NO	1221		0.692	1221
36	36 PCB-45	4.09e5	0.75	NO	0.858	5.000	30.30	30.30	0.969	0.969	NO	1200		0.858	1200
37	37 PCB-46	3.97e5	0.76	NO	0.831	5.000	30.80	30.80	0.985	0.985	NO	1204		0.887	1204
38	38 PCB-52/69	1.12e6	0.76	NO	1.17	5.000	31.30	31.30	1.001	1.001	NO	2412		0.631	2412
39	39 PCB-73	7.11e5	0.77	NO	1.44	5.000	31.41	31.41	1.005	1.005	NO	1241		0.510	1241
40	40 PCB-43/49	9.72e5	0.76	NO	1.02	5.000	31.59	31.58	1.010	1.010	NO	2408		0.725	2408
41	41 PCB-47	4.56e5	0.76	NO	0.922	5.000	31.80	31.80	1.001	1.001	NO	1142		0.742	1142
42	42 PCB-48/75	1.18e6	0.77	NO	1.12	5.000	31.92	31.92	1.004	1.004	NO	2421		0.610	2421
43	43 PCB-65	6.67e5	0.77	NO	1.28	5.000	32.19	32.19	1.013	1.013	NO	1200		0.533	1200
44	44 PCB-62	5.64e5	0.77	NO	1.13	5.000	32.29	32.29	1.016	1.016	NO	1154		0.606	1154
45	45 PCB-44	4.26e5	0.77	NO	0.824	5.000	32.62	32.62	1.026	1.026	NO	1192		0.830	1192
46	46 PCB-42/59	1.09e6	0.78	NO	1.05	5.000	32.85	32.85	1.033	1.033	NO	2387		0.651	2387
47	47 PCB-41/64/71/72	2.48e6	0.77	NO	1.19	5.000	33.47	33.46	1.053	1.053	NO	4819		0.576	4819
48	48 PCB-68	6.61e5	0.77	NO	1.28	5.000	33.72	33.72	1.061	1.061	NO	1193		0.535	1193
49	49 PCB-40	3.19e5	0.77	NO	0.602	5.000	33.95	33.94	1.068	1.068	NO	1222		1.14	1222
50	50 PCB-57	6.99e5	0.76	NO	1.16	5.000	34.32	34.32	0.969	0.969	NO	1202		0.509	1202
51	51 PCB-67	6.62e5	0.75	NO	1.08	5.000	34.63	34.63	0.978	0.978	NO	1221		0.546	1221
52	52 PCB-58	7.46e5	0.76	NO	1.20	5.000	34.74	34.76	0.981	0.982	NO	1237		0.492	1237
53	53 PCB-63	6.53e5	0.77	NO	1.07	5.000	34.91	34.91	0.986	0.986	NO	1217		0.553	1217
54	54 PCB-74	7.22e5	0.76	NO	1.19	5.000	35.22	35.21	0.994	0.994	NO	1218		0.500	1218
55	55 PCB-61/70	1.29e6	0.77	NO	1.05	5.000	35.43	35.43	1.000	1.001	NO	2454		0.562	2454
56	56 PCB-76/66	1.42e6	0.76	NO	1.16	5.000	35.62	35.60	1.006	1.005	NO	2432		0.509	2432
57	57 PCB-80	7.41e5	0.76	NO	1.19	5.000	35.86	35.86	1.001	1.001	NO	1186		0.472	1186
58	58 PCB-55	7.52e5	0.76	NO	1.17	5.000	36.20	36.19	1.010	1.010	NO	1222		0.479	1222
59	59 PCB-56/60	1.31e6	0.76	NO	1.02	5.000	36.70	36.70	1.024	1.024	NO	2448		0.550	2448
60	60 PCB-79	7.23e5	0.77	NO	1.14	5.000	37.80	37.80	1.055	1.055	NO	1207		0.492	1207
61	61 PCB-78	7.01e5	0.76	NO	1.14	5.000	38.52	38.52	0.987	0.987	NO	1186		0.510	1186
62	62 PCB-81	6.34e5	0.76	NO	1.05	5.000	39.06	39.06	1.000	1.000	NO	1165		0.554	1165
63	63 PCB-77	6.84e5	0.78	NO	1.14	5.000	39.68	39.68	1.000	1.000	NO	1209		0.537	1209
64	64 PCB-104	4.30e5	1.56	NO	1.12	5.000	32.47	32.47	1.001	1.001	NO	1146		0.771	1146
65	65 PCB-96	4.29e5	1.59	NO	1.15	5.000	33.78	33.78	1.041	1.041	NO	1114		0.750	1114
66	66 PCB-103	3.44e5	1.53	NO	0.936	5.000	34.32	34.33	1.058	1.058	NO	1100		0.924	1100
67	67 PCB-100	3.51e5	1.55	NO	0.954	5.000	34.69	34.71	1.069	1.069	NO	1102		0.907	1102
68	68 PCB-94	2.75e5	1.60	NO	0.949	5.000	35.21	35.19	0.985	0.985	NO	1097		1.19	1097

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.06e6	1.58	NO	1.20	5.000	35.69	35.67	0.999	0.998	NO	3321		0.938	3321
70	70 PCB-93	2.74e5	1.65	NO	0.935	5.000	35.81	35.81	1.002	1.002	NO	1106		1.21	1106
71	71 PCB-88/91	6.33e5	1.56	NO	1.06	5.000	36.16	36.16	1.012	1.012	NO	2247		1.06	2247
72	72 PCB-121	4.94e5	1.62	NO	1.71	5.000	36.25	36.23	1.015	1.014	NO	1093		0.661	1093
73	73 PCB-84/92	5.96e5	1.60	NO	1.02	5.000	37.10	37.09	0.990	0.990	NO	2186		1.05	2186
74	74 PCB-89	3.23e5	1.60	NO	1.11	5.000	37.27	37.29	0.995	0.996	NO	1090		0.969	1090
75	75 PCB-90/101	6.49e5	1.56	NO	1.12	5.000	37.48	37.48	1.000	1.000	NO	2158		0.954	2158
76	76 PCB-113	4.41e5	1.55	NO	1.51	5.000	37.72	37.72	1.007	1.007	NO	1089		0.707	1089
77	77 PCB-99	3.69e5	1.58	NO	1.32	5.000	37.81	37.81	1.009	1.009	NO	1044		0.811	1044
78	78 PCB-119	4.59e5	1.55	NO	1.81	5.000	38.30	38.30	0.987	0.987	NO	1088		0.693	1088
79	79 PCB-108/112	7.51e5	1.58	NO	1.44	5.000	38.46	38.47	0.991	0.991	NO	2222		0.866	2222
80	80 PCB-83	4.67e5	1.57	NO	1.83	5.000	38.61	38.63	0.995	0.996	NO	1091		0.683	1091
81	81 PCB-97	3.25e5	1.60	NO	1.28	5.000	38.82	38.84	1.000	1.001	NO	1086		0.976	1086
82	82 PCB-86	2.98e5	1.59	NO	1.12	5.000	38.99	38.99	1.005	1.005	NO	1142		1.12	1142
83	83 PCB-87/117/125	1.22e6	1.59	NO	1.56	5.000	39.12	39.12	1.008	1.008	NO	3345		0.802	3345
84	84 PCB-111/115	9.96e5	1.57	NO	1.91	5.000	39.27	39.27	1.012	1.012	NO	2231		0.655	2231
85	85 PCB-85/116	7.12e5	1.58	NO	1.41	5.000	39.40	39.40	1.015	1.015	NO	2159		0.886	2159
86	86 PCB-120	5.16e5	1.55	NO	2.01	5.000	39.66	39.66	1.022	1.022	NO	1101		0.624	1101
87	87 PCB-110	4.58e5	1.60	NO	1.74	5.000	39.81	39.81	1.026	1.026	NO	1125		0.718	1125
88	88 PCB-82	2.78e5	1.59	NO	0.781	5.000	40.46	40.44	0.976	0.975	NO	1118		1.21	1118
89	89 PCB-124	4.94e5	1.57	NO	1.40	5.000	41.17	41.15	0.993	0.992	NO	1110		0.679	1110
90	90 PCB-107/109	9.41e5	1.56	NO	1.34	5.000	41.31	41.29	0.996	0.996	NO	2200		0.707	2200
91	91 PCB-123	4.25e5	1.59	NO	1.20	5.000	41.48	41.48	1.000	1.000	NO	1114		0.792	1114
92	92 PCB-106/118	9.23e5	1.58	NO	1.22	5.000	41.69	41.69	1.001	1.001	NO	2258		0.723	2258
93	93 PCB-114	7.07e5	1.54	NO	1.14	5.000	42.34	42.34	1.000	1.000	NO	1223		0.878	1223
94	94 PCB-122	5.81e5	1.56	NO	0.944	5.000	42.49	42.47	1.004	1.004	NO	1213		1.06	1213
95	95 PCB-105	6.44e5	1.56	NO	1.05	5.000	43.23	43.23	1.000	1.000	NO	1171		0.924	1171
96	96 PCB-127	6.82e5	1.56	NO	1.06	5.000	43.57	43.57	1.000	1.000	NO	1181		0.881	1181
97	97 PCB-126	7.19e5	1.56	NO	1.17	5.000	45.52	45.52	1.000	1.000	NO	1208		0.885	1208
98	98 PCB-155	2.40e5	1.31	NO	1.04	5.000	37.01	37.01	1.000	1.001	NO	1003		0.314	1003
99	99 PCB-150	2.61e5	1.27	NO	1.08	5.000	38.33	38.32	1.036	1.036	NO	1049		0.302	1049
100	1... PCB-152	2.94e5	1.29	NO	1.19	5.000	38.82	38.80	1.049	1.049	NO	1081		0.276	1081
101	1... PCB-145	2.83e5	1.28	NO	1.19	5.000	39.28	39.27	1.062	1.061	NO	1039		0.275	1039
102	1... PCB-136	2.48e5	1.25	NO	1.02	5.000	39.62	39.60	1.071	1.070	NO	1060		0.321	1060
103	1... PCB-148	2.03e5	1.29	NO	0.842	5.000	39.73	39.71	1.074	1.073	NO	1050		0.389	1050
104	1... PCB-154	2.17e5	1.30	NO	0.919	5.000	40.22	40.22	1.087	1.087	NO	1029		0.356	1029

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
105	1... PCB-151	1.84e5	1.29	NO	0.787	5.000	40.90	40.88	1.105	1.105	NO	1019		0.416	1019
106	1... PCB-135	2.14e5	1.33	NO	0.922	5.000	41.13	41.11	1.112	1.111	NO	1012		0.355	1012
107	1... PCB-144	1.93e5	1.32	NO	0.789	5.000	41.24	41.22	1.115	1.114	NO	1064		0.415	1064
108	1... PCB-147	2.01e5	1.32	NO	0.834	5.000	41.37	41.35	1.118	1.118	NO	1049		0.392	1049
109	1... PCB-139/149	4.42e5	1.29	NO	0.948	5.000	41.64	41.63	1.125	1.125	NO	2032		0.345	2032
110	1... PCB-140	1.95e5	1.28	NO	0.794	5.000	41.84	41.81	1.131	1.130	NO	1072		0.413	1072
111	1... PCB-134/143	7.23e5	1.23	NO	0.759	5.000	42.29	42.26	0.975	0.974	NO	2346		2.56	2346
112	1... PCB-131/133	7.76e5	1.25	NO	0.821	5.000	42.59	42.57	0.982	0.981	NO	2328		2.36	2328
113	1... PCB-142	3.46e5	1.22	NO	0.754	5.000	42.74	42.74	0.985	0.985	NO	1129		2.57	1129
114	1... PCB-146/165	9.60e5	1.24	NO	1.02	5.000	42.98	42.97	0.991	0.990	NO	2324		1.91	2324
115	1... PCB-132/161	9.58e5	1.23	NO	1.02	5.000	43.22	43.21	0.996	0.996	NO	2301		1.89	2301
116	1... PCB-153	4.93e5	1.25	NO	1.07	5.000	43.40	43.40	1.000	1.000	NO	1134		1.81	1134
117	1... PCB-168	5.05e5	1.24	NO	1.08	5.000	43.63	43.61	1.006	1.005	NO	1154		1.80	1154
118	1... PCB-141	3.98e5	1.25	NO	1.03	5.000	44.16	44.16	1.000	1.000	NO	1180		2.29	1180
119	1... PCB-137	4.38e5	1.25	NO	1.11	5.000	44.56	44.56	1.010	1.009	NO	1200		2.11	1200
120	1... PCB-130	3.36e5	1.27	NO	0.885	5.000	44.66	44.65	1.012	1.012	NO	1155		2.65	1155
121	1... PCB-138/163/164	1.58e6	1.24	NO	1.28	5.000	45.05	45.05	1.001	1.001	NO	3524		1.73	3524
122	1... PCB-158/160	1.02e6	1.25	NO	1.24	5.000	45.30	45.30	1.006	1.006	NO	2357		1.79	2357
123	1... PCB-129	3.39e5	1.27	NO	0.867	5.000	45.56	45.54	1.012	1.012	NO	1122		2.56	1122
124	1... PCB-166	5.61e5	1.23	NO	1.14	5.000	46.02	46.02	0.993	0.993	NO	1154		1.64	1154
125	1... PCB-159	5.97e5	1.25	NO	1.22	5.000	46.36	46.36	1.000	1.000	NO	1154		1.54	1154
126	1... PCB-128/162	9.11e5	1.24	NO	0.907	5.000	46.64	46.64	1.007	1.007	NO	2360		2.06	2360
127	1... PCB-167	5.46e5	1.27	NO	1.11	5.000	47.06	47.06	1.000	1.000	NO	1158		1.64	1158
128	1... PCB-156	5.47e5	1.22	NO	1.13	5.000	48.39	48.38	1.000	1.000	NO	1162		1.62	1162
129	1... PCB-157	5.01e5	1.23	NO	1.04	5.000	48.69	48.67	1.001	1.000	NO	1155		1.81	1155
130	1... PCB-169	5.31e5	1.25	NO	1.16	5.000	50.93	50.92	1.000	1.000	NO	1150		1.72	1150
131	1... PCB-188	4.41e5	1.03	NO	1.29	5.000	43.02	43.02	1.001	1.001	NO	1126		1.29	1126
132	1... PCB-184	4.34e5	1.04	NO	1.23	5.000	43.48	43.48	1.011	1.011	NO	1159		1.35	1159
133	1... PCB-179	4.55e5	1.03	NO	1.30	5.000	44.27	44.29	1.030	1.030	NO	1155		1.28	1155
134	1... PCB-176	4.52e5	1.04	NO	1.31	5.000	44.74	44.77	1.041	1.041	NO	1137		1.27	1137
135	1... PCB-186	4.77e5	1.03	NO	1.33	5.000	45.39	45.39	1.056	1.056	NO	1182		1.25	1182
136	1... PCB-178	3.20e5	1.05	NO	0.943	5.000	45.90	45.90	1.068	1.068	NO	1118		1.76	1118
137	1... PCB-175	3.27e5	1.06	NO	0.956	5.000	46.24	46.26	1.076	1.076	NO	1126		1.74	1126
138	1... PCB-182/187	7.33e5	1.03	NO	1.07	5.000	46.42	46.43	1.080	1.080	NO	2265		1.56	2265
139	1... PCB-183	3.55e5	1.07	NO	1.02	5.000	46.76	46.76	1.088	1.088	NO	1144		1.62	1144
140	1... PCB-185	3.26e5	1.04	NO	1.41	5.000	47.44	47.44	0.955	0.955	NO	1143		1.73	1143

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141	1... PCB-174	3.15e5	1.05	NO	1.35	5.000	47.82	47.82	0.962	0.962	NO	1149		1.80	1149
142	1... PCB-181	3.29e5	1.06	NO	1.47	5.000	47.91	47.93	0.964	0.965	NO	1100		1.65	1100
143	1... PCB-177	2.95e5	1.07	NO	1.28	5.000	48.10	48.10	0.968	0.968	NO	1137		1.91	1137
144	1... PCB-171	3.03e5	1.02	NO	1.32	5.000	48.38	48.40	0.974	0.974	NO	1136		1.85	1136
145	1... PCB-173	2.75e5	1.03	NO	1.19	5.000	48.84	48.84	0.983	0.983	NO	1140		2.05	1140
146	1... PCB-172	3.22e5	1.04	NO	1.38	5.000	49.29	49.29	0.992	0.992	NO	1154		1.77	1154
147	1... PCB-192	4.15e5	1.06	NO	1.83	5.000	49.48	49.50	0.996	0.996	NO	1120		1.33	1120
148	1... PCB-180	3.32e5	1.05	NO	1.41	5.000	49.71	49.71	1.000	1.000	NO	1158		1.73	1158
149	1... PCB-193	3.86e5	1.05	NO	1.68	5.000	49.92	49.92	1.005	1.005	NO	1137		1.45	1137
150	1... PCB-191	3.89e5	1.06	NO	1.71	5.000	50.18	50.19	1.010	1.010	NO	1122		1.42	1122
151	1... PCB-170	2.76e5	1.02	NO	1.40	5.000	51.38	51.38	1.000	1.000	NO	1148		2.05	1148
152	1... PCB-190	3.72e5	1.04	NO	1.85	5.000	51.56	51.59	1.004	1.004	NO	1169		1.55	1169
153	1... PCB-189	3.77e5	1.04	NO	1.45	5.000	53.10	53.08	1.000	1.000	NO	1115		1.32	1115
154	1... PCB-202	3.01e5	0.89	NO	1.17	5.000	48.63	48.61	1.001	1.000	NO	1100		1.02	1100
155	1... PCB-201	2.77e5	0.88	NO	1.05	5.000	49.10	49.10	1.010	1.011	NO	1125		1.13	1125
156	1... PCB-204	2.99e5	0.89	NO	1.14	5.000	49.26	49.26	1.014	1.014	NO	1121		1.04	1121
157	1... PCB-197	2.94e5	0.90	NO	1.13	5.000	49.58	49.58	1.020	1.020	NO	1107		1.05	1107
158	1... PCB-200	2.74e5	0.90	NO	1.07	5.000	50.51	50.51	1.039	1.039	NO	1095		1.11	1095
159	1... PCB-198	2.04e5	0.88	NO	0.794	5.000	52.08	52.08	1.072	1.072	NO	1100		1.50	1100
160	1... PCB-199	2.05e5	0.90	NO	0.809	5.000	52.19	52.19	1.074	1.074	NO	1080		1.47	1080
161	1... PCB-196/203	4.28e5	0.90	NO	0.838	5.000	52.52	52.50	1.081	1.080	NO	2179		1.42	2179
162	1... PCB-195	3.42e5	0.91	NO	1.04	5.000	53.80	53.79	0.984	0.983	NO	1189		2.29	1189
163	1... PCB-194	3.58e5	0.89	NO	1.12	5.000	54.72	54.72	1.000	1.000	NO	1166		2.14	1166
164	1... PCB-205	4.15e5	0.88	NO	1.29	5.000	54.98	54.98	1.005	1.005	NO	1171		1.85	1171
165	1... PCB-208	3.51e5	1.33	NO	0.933	5.000	53.96	53.95	1.000	1.000	NO	1148		1.86	1148
166	1... PCB-207	3.36e5	1.31	NO	0.916	5.000	54.27	54.28	1.006	1.006	NO	1119		1.90	1119
167	1... PCB-206	2.05e5	1.33	NO	1.01	5.000	56.24	56.24	1.000	1.000	NO	1129		3.07	1129
168	1... PCB-209	1.28e5	1.16	NO	0.986	5.000	57.47	57.48	1.000	1.000	NO	1119		0.246	1119
169	1... 13C-PCB-1	1.17e6	3.22	NO	0.893	5.000	15.52	15.52	0.608	0.608	NO	1280	64.0	0.927	
170	1... 13C-PCB-3	1.18e6	3.21	NO	0.911	5.000	18.17	18.17	0.712	0.712	NO	1273	63.7	0.909	
171	1... 13C-PCB-4	9.31e5	1.61	NO	0.600	5.000	19.52	19.52	0.765	0.765	NO	1522	76.1	0.663	
172	1... 13C-PCB-9	1.54e6	1.61	NO	0.970	5.000	21.35	21.35	0.836	0.836	NO	1556	77.8	0.410	
173	1... 13C-PCB-11	1.59e6	1.61	NO	0.962	5.000	24.79	24.79	0.971	0.971	NO	1620	81.0	0.414	
174	1... 13C-PCB-19	6.74e5	1.05	NO	0.499	5.000	23.76	23.76	0.931	0.931	NO	1325	66.2	9.06	
175	1... 13C-PCB-32	1.04e6	1.04	NO	0.744	5.000	26.75	26.75	1.048	1.048	NO	1371	68.5	6.07	
176	1... 13C-PCB-28	1.53e6	1.01	NO	1.06	5.000	28.77	28.77	1.004	1.004	NO	1634	81.7	6.65	

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-3.qld

Last Altered: Thursday, June 04, 2020 09:42:05 Pacific Daylight Time

Printed: Thursday, June 04, 2020 09:42:27 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

#	Name	Resp	FA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.49e6	1.05	NO	0.989	5.000	32.75	32.75	1.143	1.143	NO	1708	85.4	7.15	
178	1... 13C-PCB-54	9.29e5	0.77	NO	0.999	5.000	27.62	27.62	0.753	0.753	NO	1550	77.5	1.97	
179	1... 13C-PCB-52	7.95e5	0.78	NO	0.804	5.000	31.26	31.26	0.852	0.852	NO	1647	82.4	2.45	
180	1... 13C-PCB-47	8.67e5	0.77	NO	0.857	5.000	31.78	31.78	0.866	0.867	NO	1686	84.3	2.30	
181	1... 13C-PCB-70	1.00e6	0.77	NO	0.996	5.000	35.41	35.41	0.965	0.966	NO	1675	83.8	1.98	
182	1... 13C-PCB-80	1.05e6	0.76	NO	1.03	5.000	35.84	35.84	0.977	0.977	NO	1706	85.3	1.92	
183	1... 13C-PCB-81	1.04e6	0.77	NO	0.988	5.000	39.04	39.04	1.064	1.064	NO	1756	87.8	2.00	
184	1... 13C-PCB-77	9.95e5	0.78	NO	0.969	5.000	39.66	39.66	1.081	1.081	NO	1712	85.6	2.04	
185	1... 13C-PCB-104	6.68e5	1.58	NO	1.02	5.000	32.46	32.46	0.827	0.827	NO	1709	85.4	0.891	
186	1... 13C-PCB-95	5.29e5	1.65	NO	0.805	5.000	35.71	35.73	0.910	0.910	NO	1707	85.4	1.12	
187	1... 13C-PCB-101	5.36e5	1.62	NO	0.793	5.000	37.46	37.46	0.954	0.954	NO	1756	87.8	1.14	
188	1... 13C-PCB-97	4.68e5	1.64	NO	0.696	5.000	38.80	38.80	0.989	0.989	NO	1745	87.2	1.30	
189	1... 13C-PCB-123	6.38e5	1.58	NO	0.933	5.000	41.44	41.46	1.056	1.056	NO	1776	88.8	0.970	
190	1... 13C-PCB-118	6.70e5	1.62	NO	0.986	5.000	41.63	41.65	1.061	1.061	NO	1768	88.4	0.919	
191	1... 13C-PCB-114	1.01e6	1.56	NO	1.55	5.000	42.30	42.32	0.908	0.908	NO	1897	94.9	1.64	
192	1... 13C-PCB-105	1.05e6	1.55	NO	1.57	5.000	43.19	43.21	0.927	0.927	NO	1926	96.3	1.61	
193	1... 13C-PCB-127	1.09e6	1.56	NO	1.62	5.000	43.55	43.55	0.934	0.935	NO	1943	97.1	1.56	
194	1... 13C-PCB-126	1.02e6	1.57	NO	1.57	5.000	45.51	45.51	0.976	0.976	NO	1875	93.7	1.61	
195	1... 13C-PCB-155	4.59e5	1.35	NO	0.615	5.000	36.98	36.99	0.942	0.943	NO	1939	97.0	0.929	
196	1... 13C-PCB-153	8.13e5	1.28	NO	1.36	5.000	43.36	43.38	0.930	0.931	NO	1723	86.2	1.94	
197	1... 13C-PCB-141	6.57e5	1.31	NO	1.13	5.000	44.12	44.14	0.947	0.947	NO	1685	84.3	2.35	
198	1... 13C-PCB-138	6.96e5	1.28	NO	1.18	5.000	44.99	45.01	0.965	0.966	NO	1701	85.1	2.24	
199	1... 13C-PCB-159	8.51e5	1.26	NO	1.44	5.000	46.32	46.34	0.994	0.994	NO	1711	85.6	1.84	
200	2... 13C-PCB-167	8.50e5	1.27	NO	1.44	5.000	47.02	47.04	1.009	1.009	NO	1709	85.4	1.84	
201	2... 13C-PCB-156	8.36e5	1.24	NO	1.40	5.000	48.37	48.37	1.038	1.038	NO	1732	86.6	1.90	
202	2... 13C-PCB-157	8.35e5	1.28	NO	1.40	5.000	48.63	48.65	1.043	1.044	NO	1730	86.5	1.90	
203	2... 13C-PCB-169	7.97e5	1.26	NO	1.33	5.000	50.91	50.90	1.092	1.092	NO	1733	86.7	1.99	
204	2... 13C-PCB-188	6.07e5	0.45	NO	1.41	5.000	42.99	42.99	0.926	0.926	NO	1740	87.0	1.53	
205	2... 13C-PCB-180	4.06e5	0.45	NO	0.929	5.000	49.69	49.69	1.070	1.070	NO	1763	88.2	2.33	
206	2... 13C-PCB-170	3.44e5	0.45	NO	0.794	5.000	51.36	51.36	1.106	1.106	NO	1749	87.4	2.72	
207	2... 13C-PCB-189	4.65e5	0.45	NO	1.04	5.000	53.06	53.08	1.143	1.143	NO	1800	90.0	2.07	
208	2... 13C-PCB-202	4.68e5	0.97	NO	1.04	5.000	48.59	48.59	1.046	1.047	NO	1826	91.3	1.65	
209	2... 13C-PCB-194	5.50e5	0.89	NO	0.768	5.000	54.71	54.70	0.995	0.995	NO	1719	86.0	4.34	
210	2... 13C-PCB-208	6.55e5	0.79	NO	0.991	5.000	53.93	53.94	0.981	0.981	NO	1588	79.4	2.34	
211	2... 13C-PCB-206	3.61e5	0.76	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	1570	78.5	4.19	
212	2... 13C-PCB-209	2.32e5	1.20	NO	0.396	5.000	57.48	57.47	1.046	1.046	NO	1404	70.2	0.594	

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Printed: Thursday, June 04, 2020 09:42:27 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

#	Name	Resp	RA	ny	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.04e6	1.61	NO	1.00	5.000	25.53	25.53	1.000	0.000	NO	2000	100	0.398	
214	2... 13C-PCB-31	1.76e6	1.01	NO	1.00	5.000	28.66	28.66	1.000	0.000	NO	2000	100	7.08	
215	2... 13C-PCB-60	1.20e6	0.77	NO	1.00	5.000	36.68	36.68	1.000	0.000	NO	2000	100	1.97	
216	2... 13C-PCB-111	7.70e5	1.63	NO	1.00	5.000	39.25	39.25	1.000	0.000	NO	2000	100	0.905	
217	2... 13C-PCB-128	6.91e5	1.29	NO	1.00	5.000	46.60	46.60	1.000	0.000	NO	2000	100	2.65	
218	2... 13C-PCB-182	4.95e5	0.46	NO	1.00	5.000	46.43	46.43	0.000	0.000	NO	2000	100	2.16	
219	2... 13C-PCB-205	8.33e5	0.91	NO	1.00	5.000	54.96	54.96	1.000	0.000	NO	2000	100	3.33	
220	2... 13C-PCB-79	1.10e6	0.78	NO	1.07	5.000	37.78	37.78	1.030	1.030	NO	1714	85.7	1.85	
221	2... 13C-PCB-178	4.29e5	0.45	NO	0.766	5.000	45.89	45.88	0.988	0.988	NO	1619	80.9	2.05	
222	2... 13C-PCB-79	1.10e6	0.78	NO	1.08	5.000	37.78	37.78	0.968	0.968	NO	1952	97.6	2.03	
223	2... 13C-PCB-178	4.29e5	0.45	NO	1.05	5.000	45.87	45.88	0.923	0.923	NO	2014	101	2.47	

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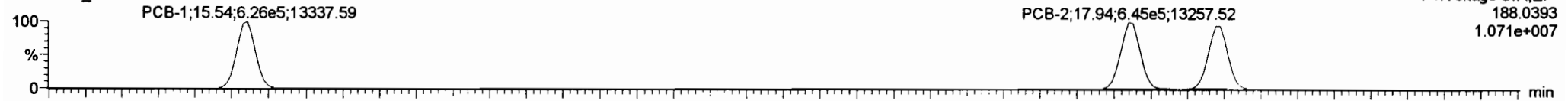
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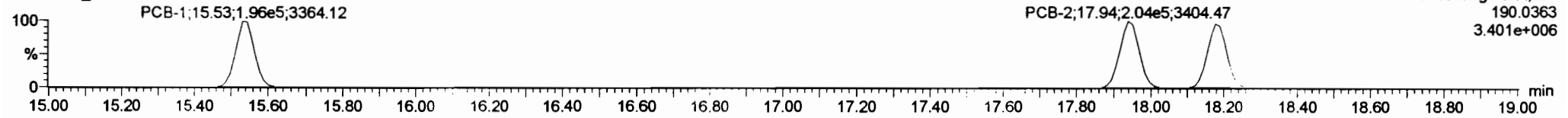
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**PCB-1**

200603K1\_3

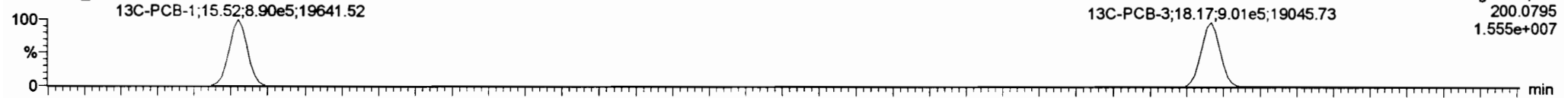


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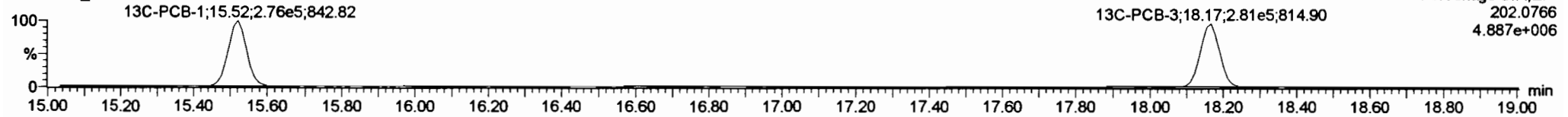


**13C-PCB-1**

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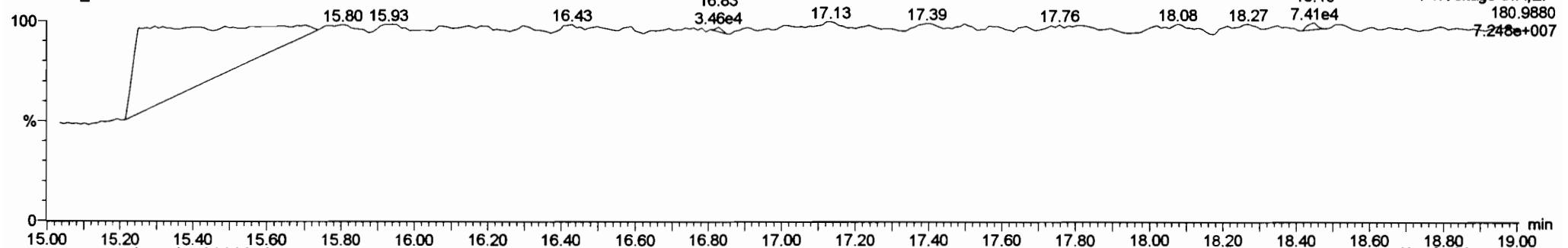


200603K1\_3



**PFK1**

200603K1\_3



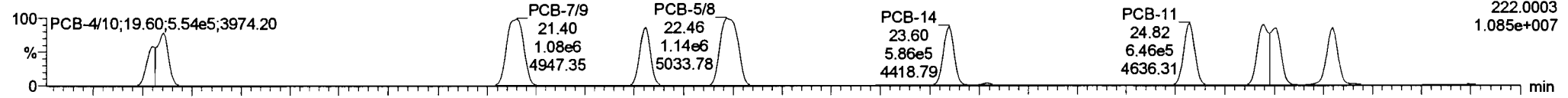
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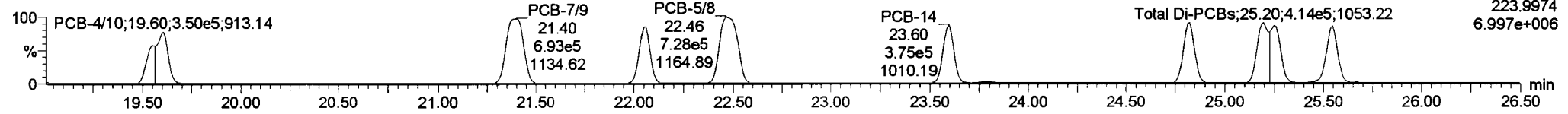
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**PCB-4/10**

200603K1\_3

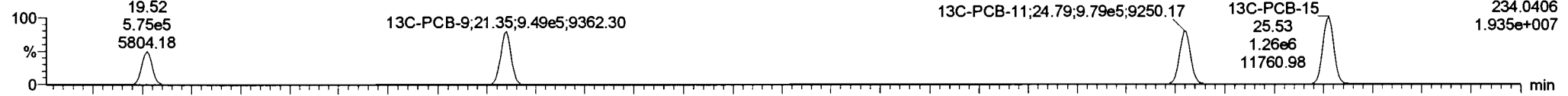


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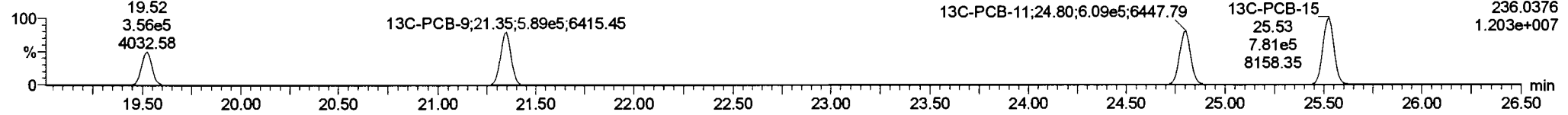


**13C-PCB-4**

200603K1\_3 13C-PCB-4

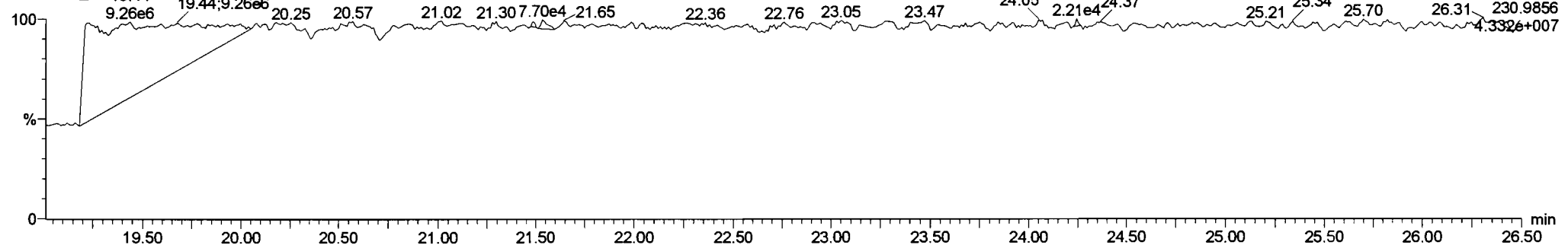


200603K1\_3 13C-PCB-4



**PFK2a**

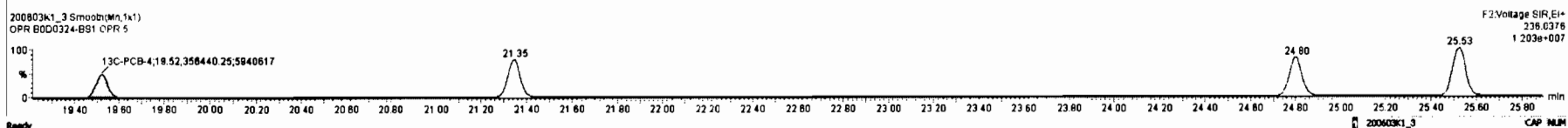
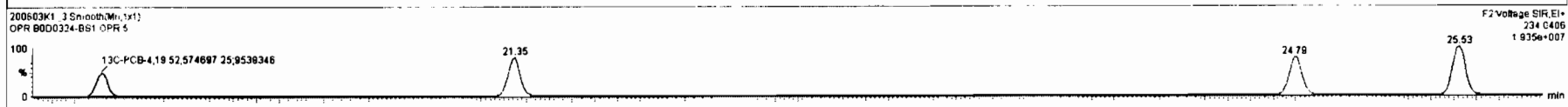
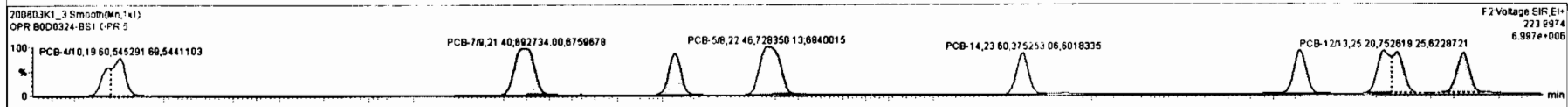
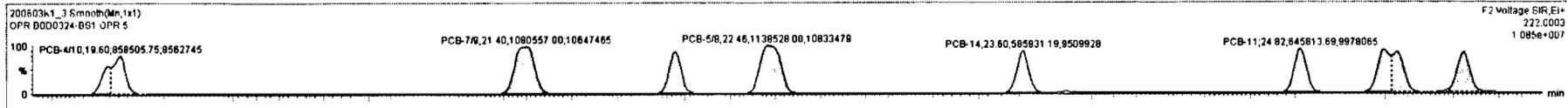
200603K1\_3





#	Name	Resp	RA	nly	RNF	wtAct	Prod.RT	RT	Prod.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
216	215 13C-PCB-80	1.20e6	0.77	NO	1.0000	5.000	36.88	36.88	1.000	0.000	NO	2000	100	1.97	
218	216 13C-PCB-111	7.70e5	1.23	NO	1.0000	5.000	36.25	36.25	1.000	0.000	NO	2000	100	0.805	
217	217 13C-PCB-126	6.91e5	1.29	NO	1.0000	5.000	46.80	46.80	1.000	0.000	NO	2000	100	2.85	
218	218 13C-PCB-182	4.95e5	0.46	NO	1.0000	5.000	46.43	46.43	0.000	0.000	NO	2000	100	2.18	
218	219 13C-PCB-205	8.33e5	0.91	NO	1.0000	5.000	54.96	54.96	1.000	0.000	NO	2000	100	3.33	
220	220 13C-PCB-79	1.10e6	0.78	NO	1.0889	5.000	37.78	37.78	1.030	1.030	NO	1714	85.7	1.85	
221	221 13C-PCB-178	4.29e5	0.45	NO	0.7665	5.000	45.88	45.88	0.968	0.968	NO	1619	80.9	2.05	
222	222 13C-PCB-79	1.10e6	0.78	NO	1.0821	5.000	37.78	37.78	0.968	0.968	NO	1852	97.6	2.03	
223	223 13C-PCB-178	4.29e5	0.45	NO	1.0508	5.000	45.87	45.86	0.923	0.923	NO	2014	101	2.47	
224	224 Total Mono-PCBs				1.0685	5.000	0.00		0.000		NO	3626		0.927	3626
225	225 Total Di-PCBs				1.0027	5.000	0.00		0.003		NO	14438		18.6	14438
226	226 2nd Function Tri-PCBs				1.0007	5.000	0.00		0.000		NO	9326		3.96	9326

#	Name	Prod.RT	RT	nt Resp	m2 Resp	1* Ratio (Prod)	RA	nly	EMPC	Conc.
1	4 PCB-4/10	19.80	19.80	6.585e5	5.453e5	1.580	1.57	NO	2415.9	2415.9
2	5 PCB-7/8	21.41	21.40	1.091e6	6.827e5	1.580	1.56	NO	2402.3	2402.3
3	6 PCB-6	22.08	22.08	5.795e5	3.704e5	1.580	1.56	NO	1207.1	1207.1
4	7 PCB-5/8	22.46	22.46	1.139e6	7.264e5	1.580	1.56	NO	2446.5	2446.5
5	8 PCB-14	23.60	23.60	5.859e5	3.753e5	1.580	1.56	NO	1189.8	1189.8
6	9 PCB-11	24.81	24.82	6.458e5	4.115e5	1.580	1.57	NO	1182.0	1182.0
7	10 PCB-12/13	25.25	25.20	1.199e6	7.526e5	1.580	1.59	NO	2384.1	2384.1



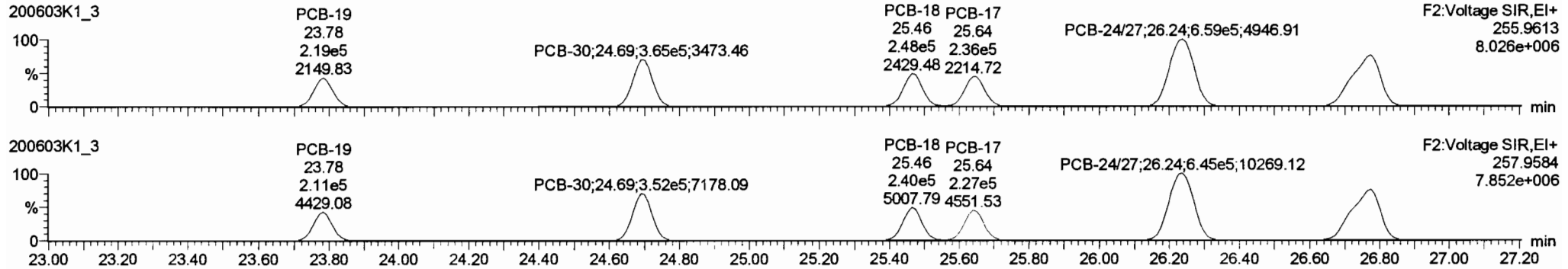
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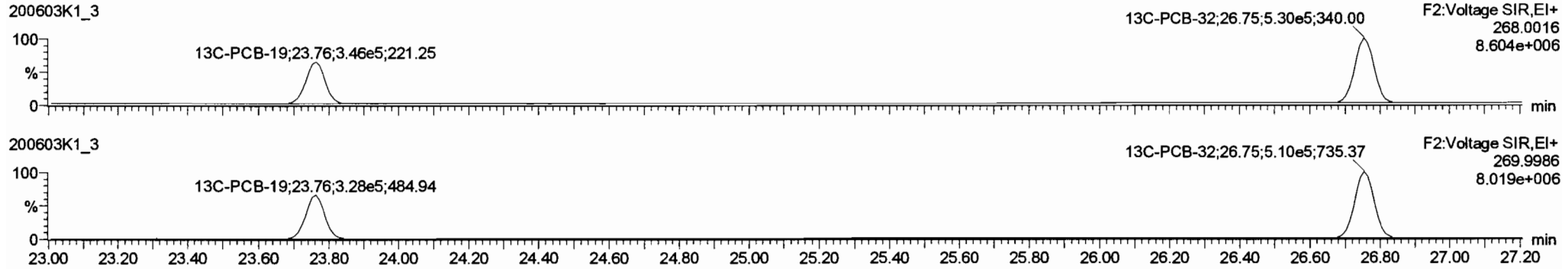
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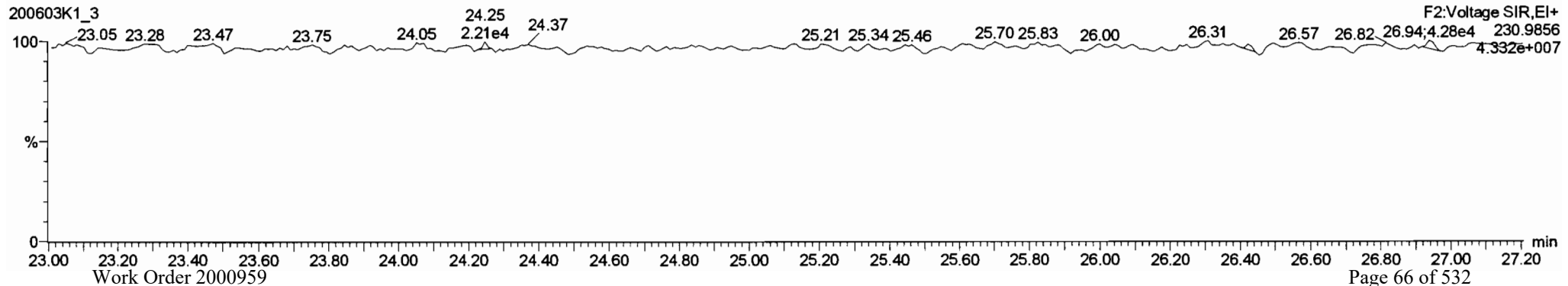
**PCB-19**



**13C-PCB-19**



**PFK2b**

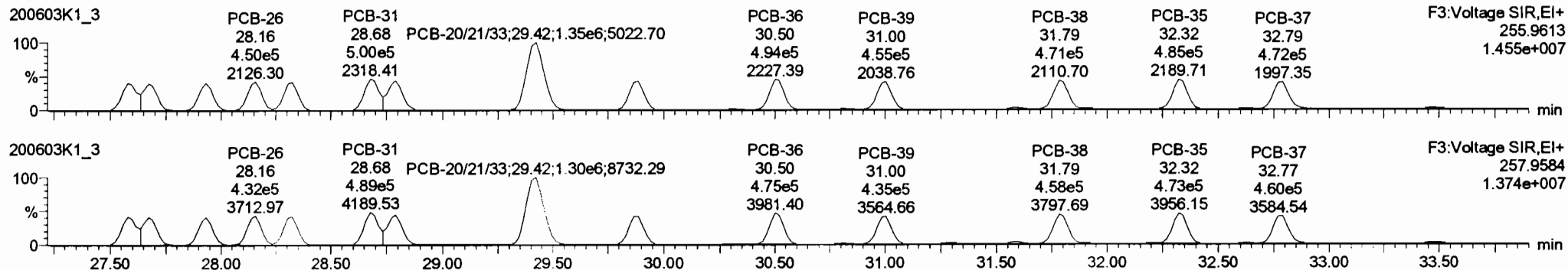


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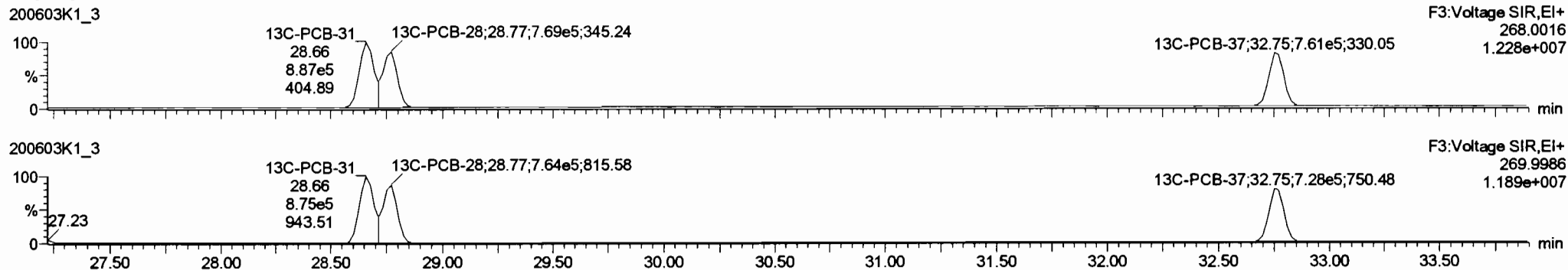
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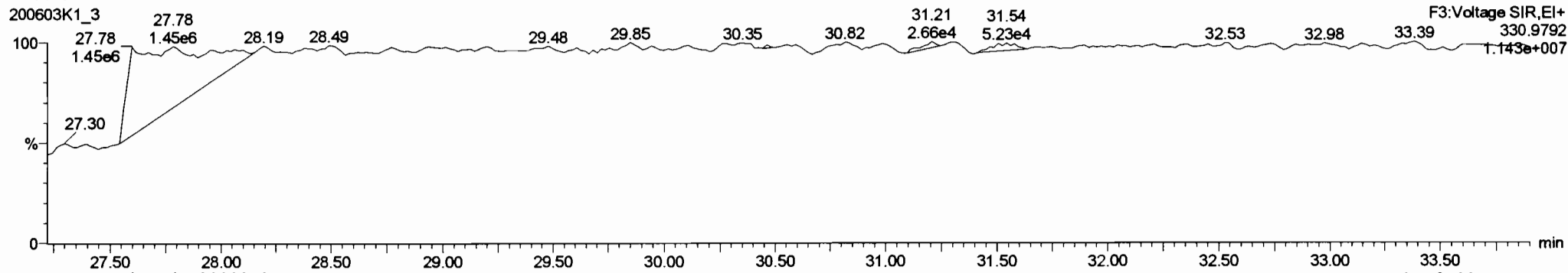
**PCB-34**



**13C-PCB-28**



**PFK3d**

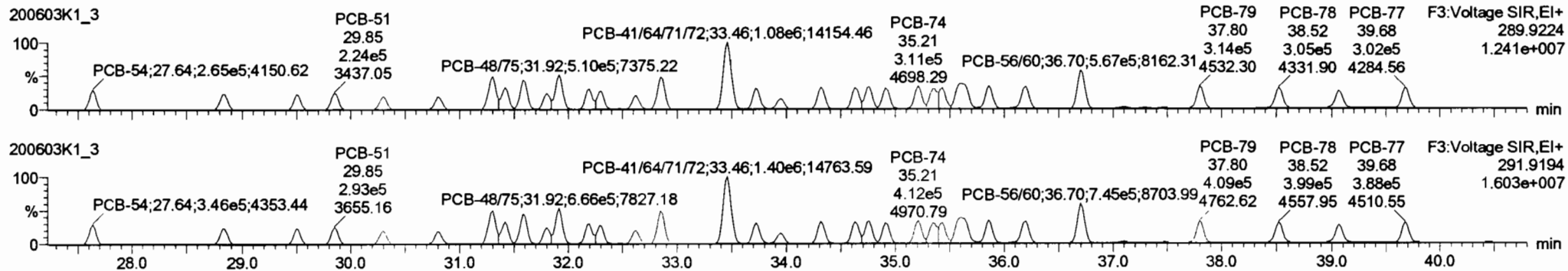


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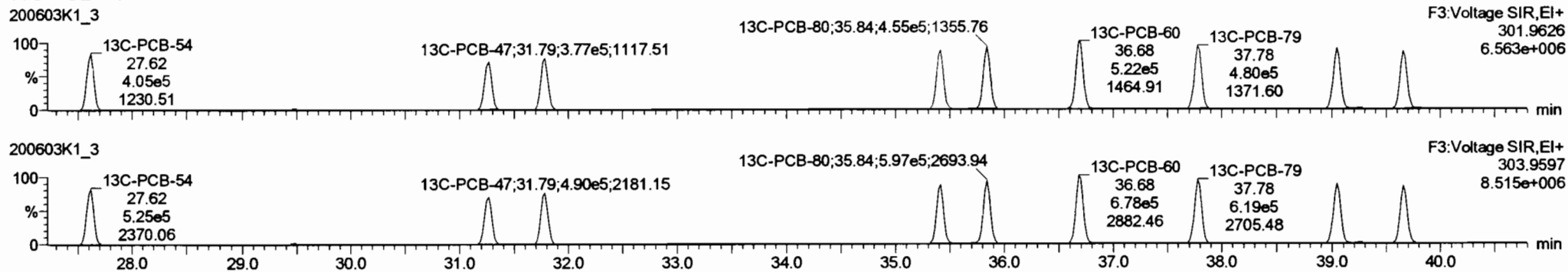
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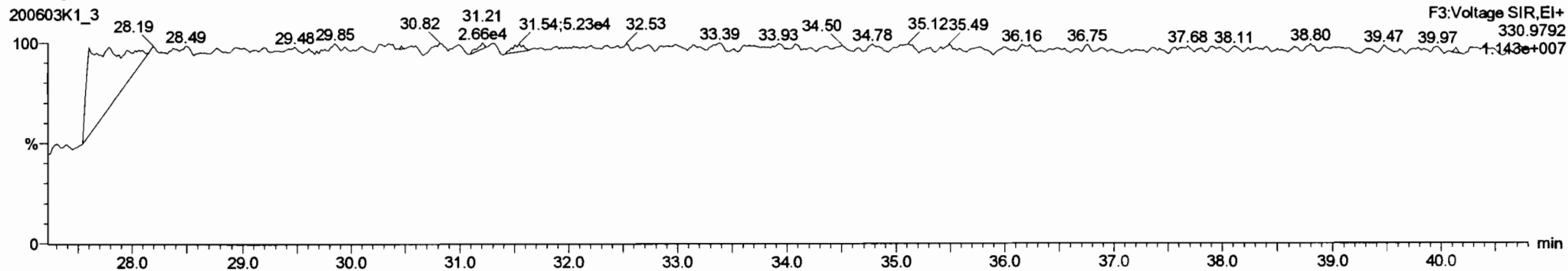
**PCB-54**



**13C-PCB-54**



**PFK3a**



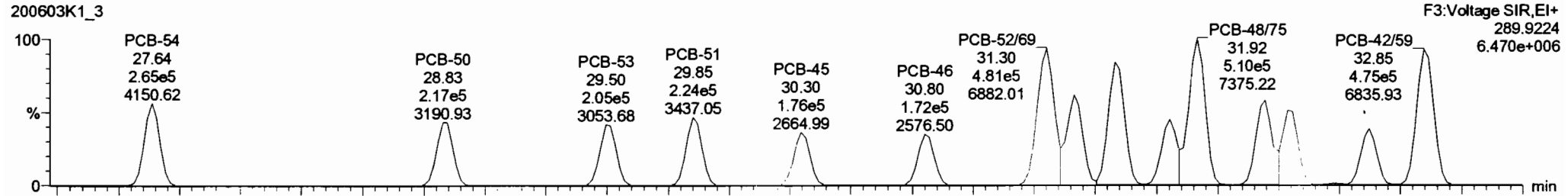
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Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

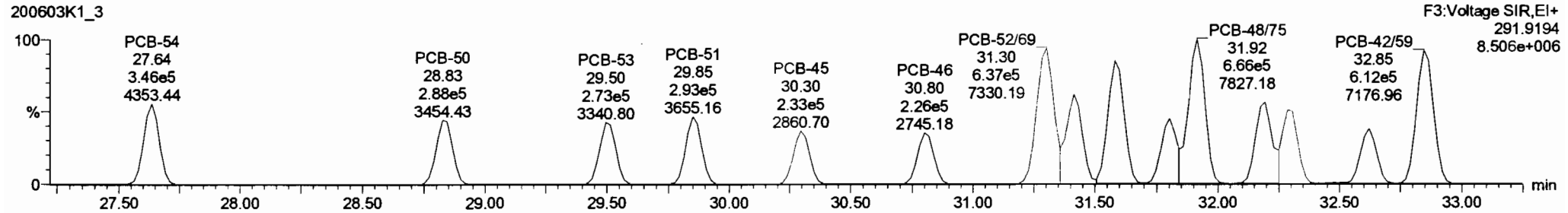
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PCB-50

200603K1\_3

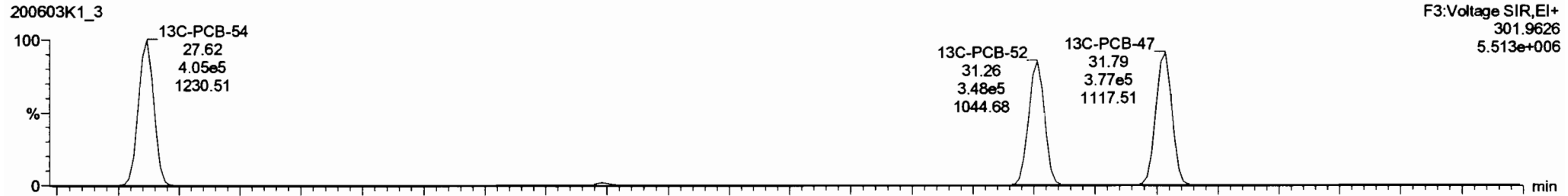


200603K1\_3

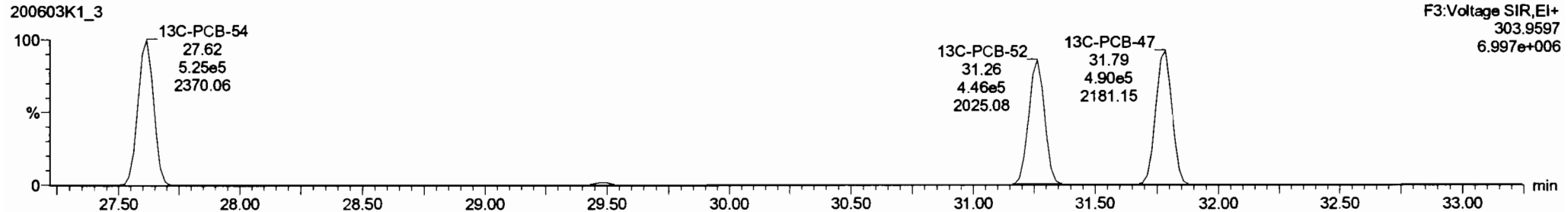


13C-PCB-52

200603K1\_3



200603K1\_3



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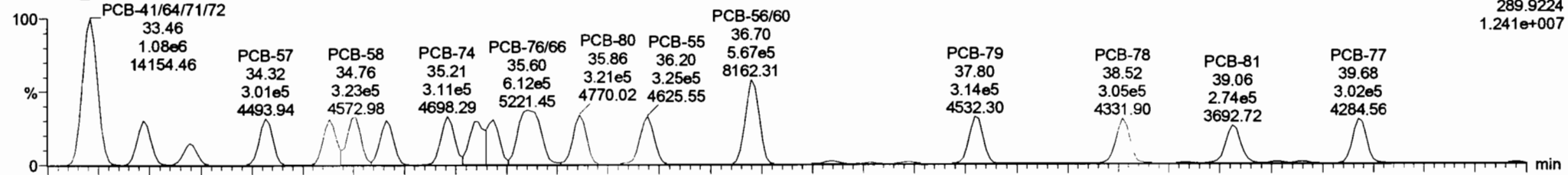
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PCB-68

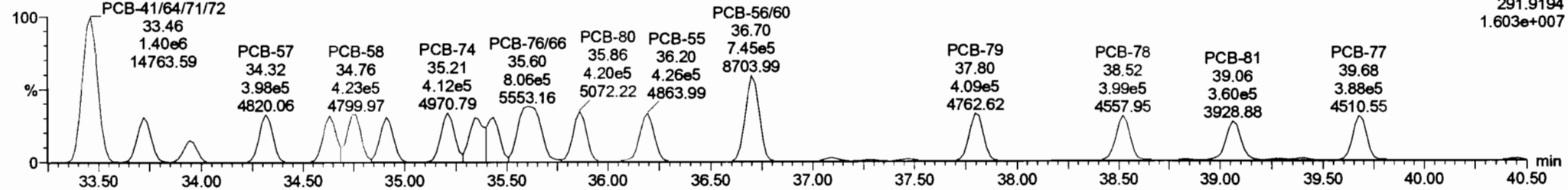
200603K1\_3

F3:Voltage SIR,EI+  
289.9224  
1.241e+007



200603K1\_3

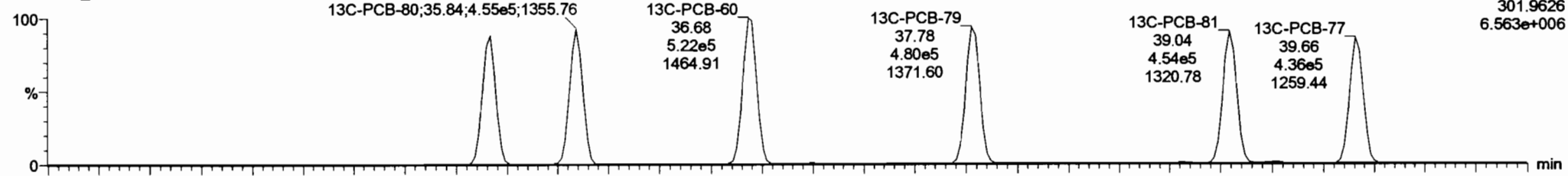
F3:Voltage SIR,EI+  
291.9194  
1.603e+007



13C-PCB-60

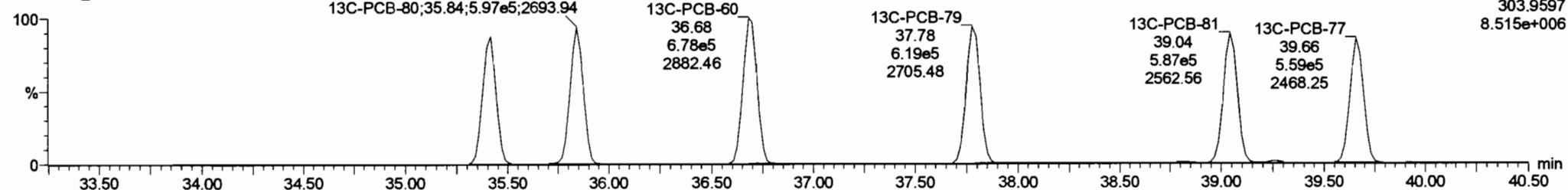
200603K1\_3

F3:Voltage SIR,EI+  
301.9626  
6.563e+006



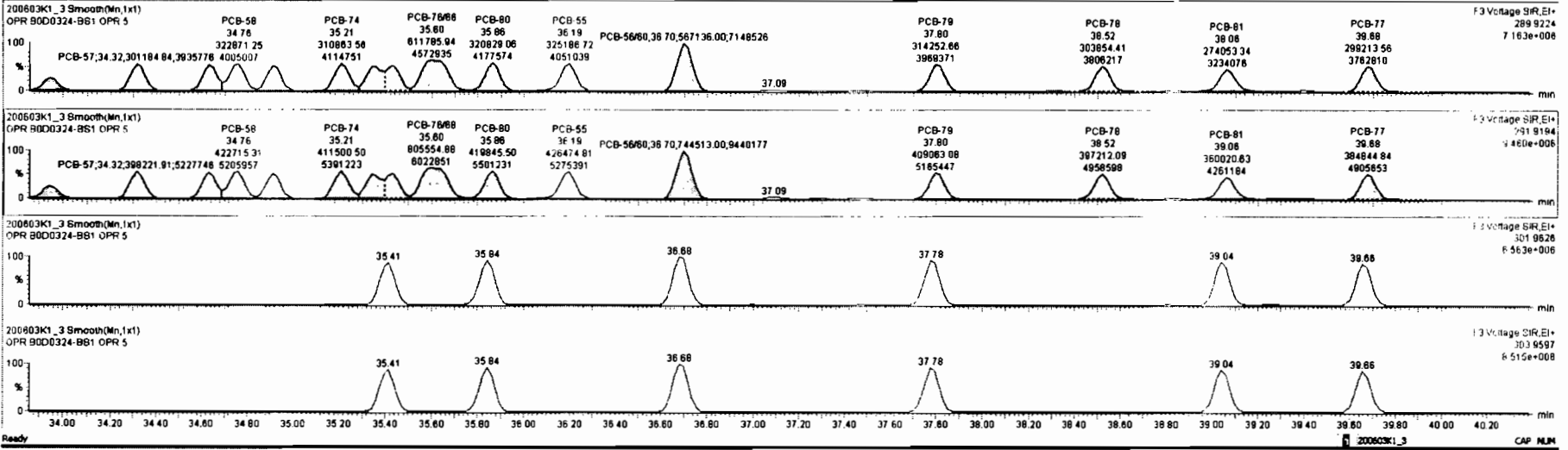
200603K1\_3

F3:Voltage SIR,EI+  
303.9597  
8.515e+006



#	Name	Resp	RA	n/y	RFW	Wt/Vol	Pred.RT	RT	Pred.RT	PRT	RT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function T4-PCBs				0.9828	5.000	0.00		0.000		NO	19510		12.8	19510
228	228 Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	90980		19.8	90980
229	229 3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	43050		25.0	44250
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	8108		4.63	6108
231	231 3rd Function Hexa-PCBs				0.9505	5.000	0.00		0.000		NO	14580		4.57	14580
232	232 4th Function Hexa-PCBs				1.0316	5.000	0.00		0.000		NO	32680		40.1	32680
233	233 Total Hepta-PCBs				1.3551	5.000	0.00		0.000		NO	27340		36.7	27340
234	234 4th Function Octa-PCBs				1.0008	5.000	0.00		0.000		NO	9807		9.73	9807
235	235 5th Function Octa-PCBs				1.1488	5.000	0.00		0.000		NO	3527		6.29	3527
236	236 Total Nona-PCBs				0.9523	5.000	0.00		0.000		NO	3396		6.83	3396
237	237 Dece-CB				0.9864	5.000	0.00		0.000		NO	1119		0.246	1119
238	238 Total PCBs														

#	Name	Pred.RT	RT	wt Resp	m2 Resp	* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.84	27.84	2.849e5	3.483e5	0.770	0.78	NO	1218.3	1218.3
2	33 PCB-50	28.83	28.83	2.188e5	2.879e5	0.770	0.75	NO	1235.0	1235.0
3	34 PCB-53	29.50	29.50	2.049e5	2.732e5	0.770	0.75	NO	1207.1	1207.1
4	35 PCB-51	29.85	29.85	2.238e5	2.930e5	0.770	0.78	NO	1220.8	1220.8
5	36 PCB-45	30.30	30.30	1.781e5	2.332e5	0.770	0.75	NO	1200.0	1200.0
6	37 PCB-48	30.80	30.80	1.718e5	2.257e5	0.770	0.78	NO	1203.8	1203.8
7	38 PCB-52/68	31.30	31.30	4.812e5	6.389e5	0.770	0.78	NO	2412.3	2412.3

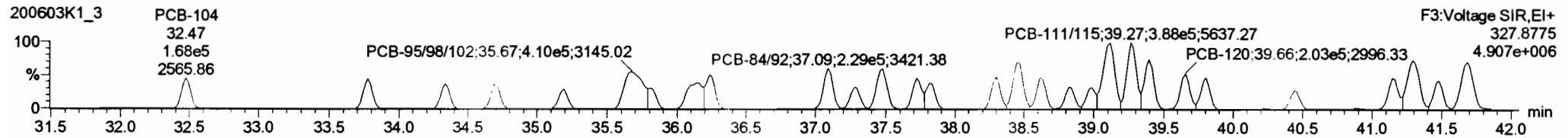
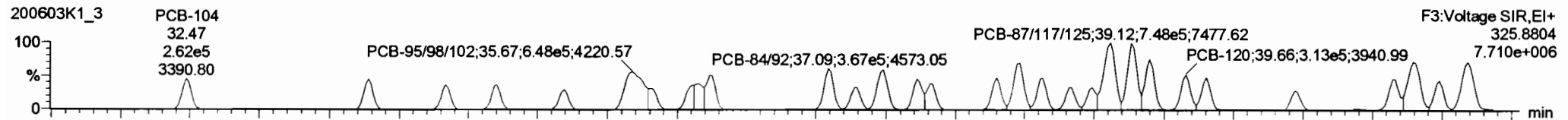


Dataset: Untitled

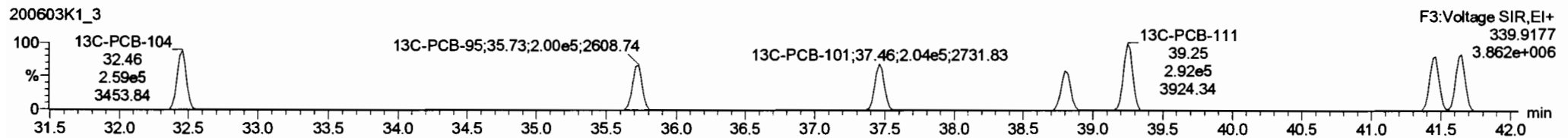
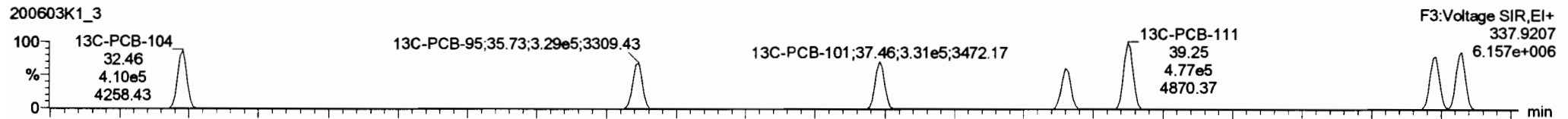
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

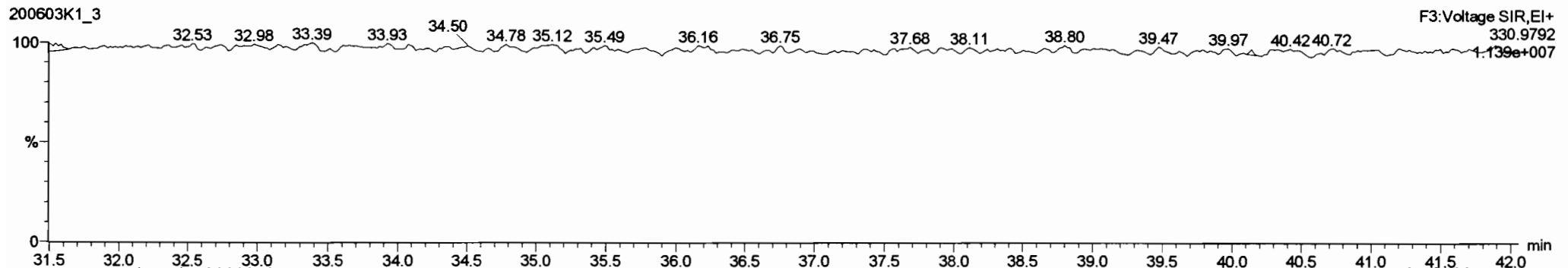
**PCB-104**



**13C-PCB-104**



**PFK3b**





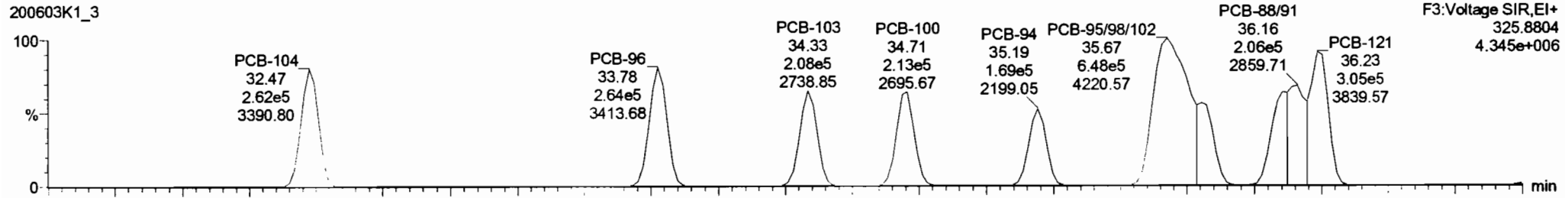
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 Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

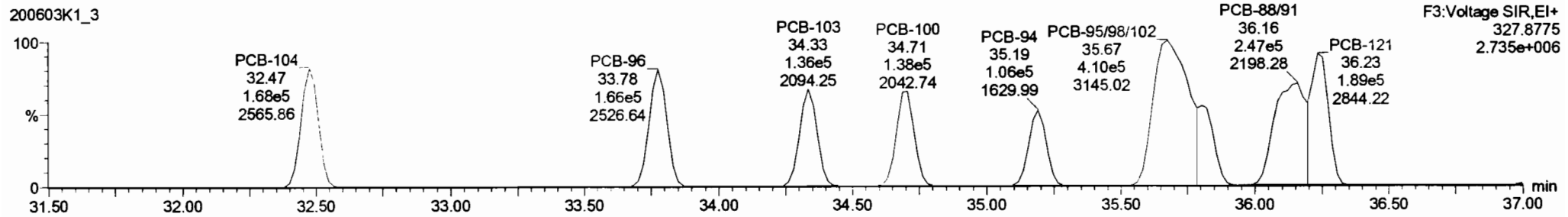
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**PCB-96**

200603K1\_3

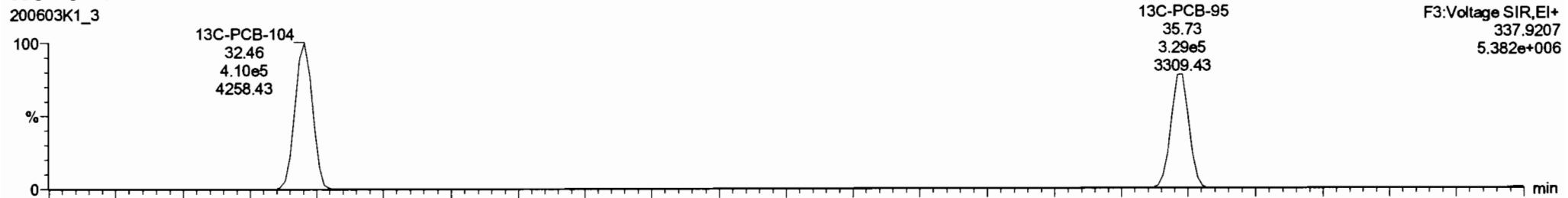


200603K1\_3

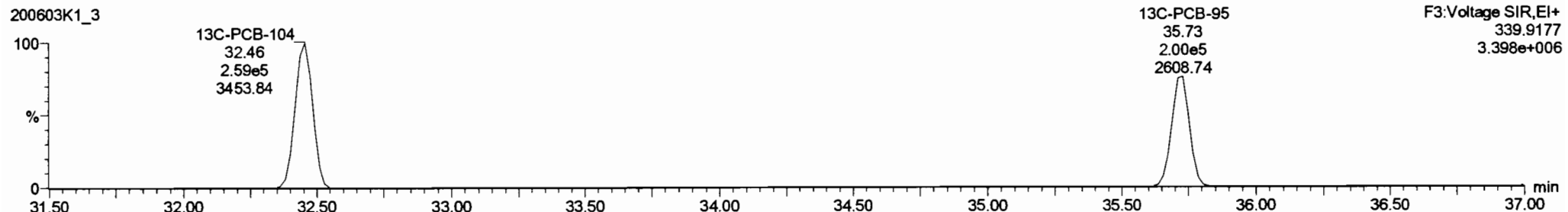


**13C-PCB-95**

200603K1\_3

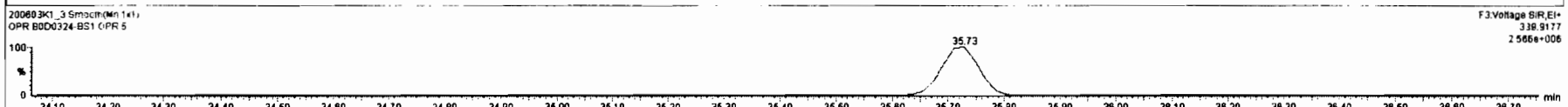
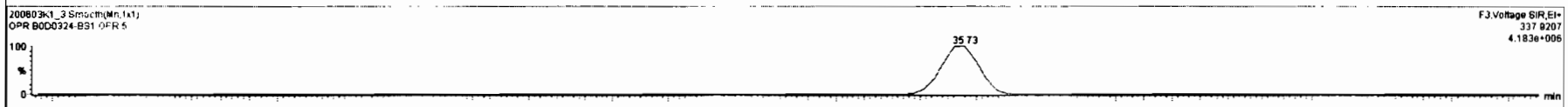
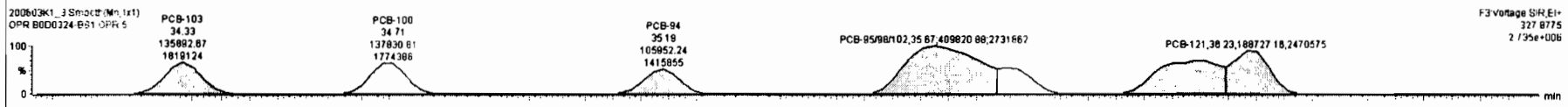
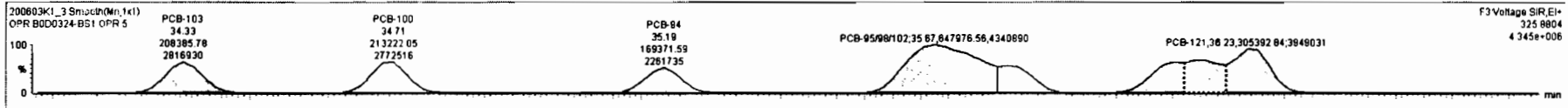


200603K1\_3



#	Name	Resp	RA	n/y	PPF	wtVal	Pred RT	RT	Pred R <sub>c</sub>	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.000	0.00	0.000			NO	19510	12.8	19510	
228	Total Tetra-PCBs				1.0778	5.000	0.00	0.000			NO	50680	19.8	50680	
229	3rd Function Penta-PCBs				1.2157	5.000	0.00	0.000			NO	46280	25.8	46280	
230	4th Function Penta-PCBs				1.0735	5.000	0.00	0.000			NO	8108	4.83	8108	
231	3rd Function Hexa-PCBs				0.9505	5.000	0.00	0.000			NO	14580	4.57	14580	
232	4th Function Hexa-PCBs				1.0316	5.000	0.00	0.000			NO	32680	40.1	32680	
233	Total Hepta-PCBs				1.3551	5.000	0.00	0.000			NO	27340	36.7	27340	
234	4th Function Octa-PCBs				1.0008	5.000	0.00	0.000			NO	9807	9.73	9807	
235	5th Function Octa-PCBs				1.1489	5.000	0.00	0.000			NO	3527	6.29	3527	
236	Total Nona-PCBs				0.9523	5.000	0.00	0.000			NO	3368	6.83	3368	
237	Deca-CB				0.9864	5.000	0.00	0.000			NO	1119	0.246	1119	
238	Total PCBs														

#	Name	Pred RT	RT	n1 Resp	n2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.47	32.47	2.820e5	1.877e5	1.580	1.56	NO	1145.8	1145.8
2	85 PCB-96	33.78	33.78	2.836e5	1.868e5	1.580	1.58	NO	1113.7	1113.7
3	86 PCB-103	34.32	34.33	2.084e5	1.359e5	1.580	1.53	NO	1100.1	1100.1
4	87 PCB-100	34.89	34.71	2.132e5	1.378e5	1.580	1.55	NO	1101.8	1101.8
6	88 PCB-94	35.21	35.19	1.884e5	1.080e5	1.580	1.80	NO	1087.2	1087.2
8	89 PCB-85/98/102	35.88	35.87	8.480e5	4.088e5	1.580	1.58	NO	3321.0	3321.0
7	70 PCB-93	35.81	35.81	1.702e5	1.034e5	1.580	1.65	NO	1106.5	1106.5



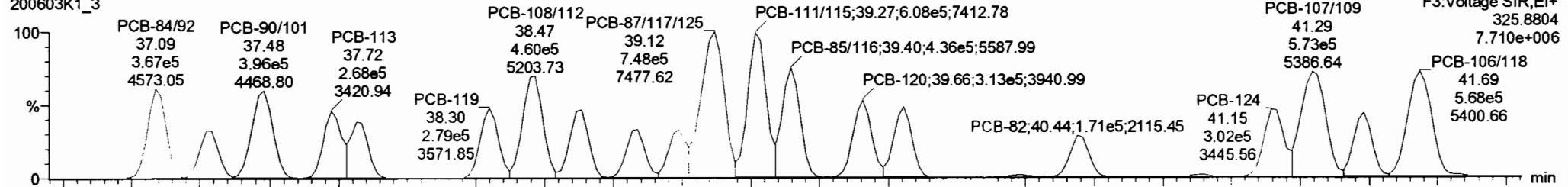
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Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

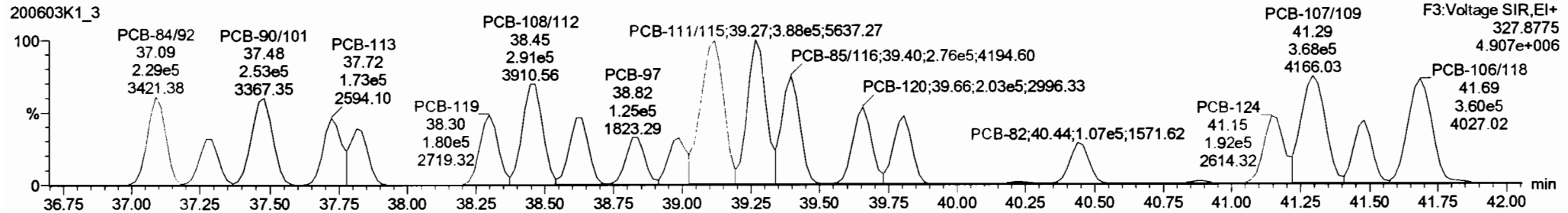
Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

**PCB-119**

200603K1\_3

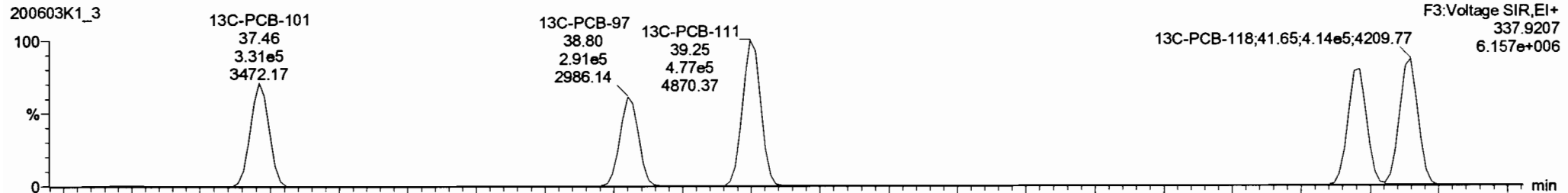


200603K1\_3

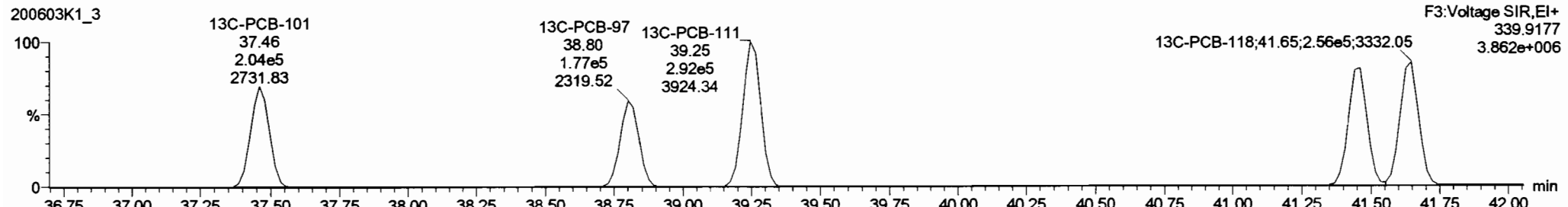


**13C-PCB-111**

200603K1\_3

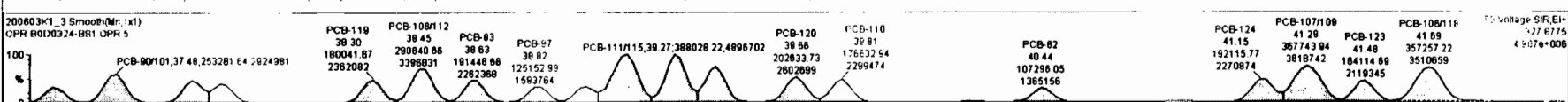
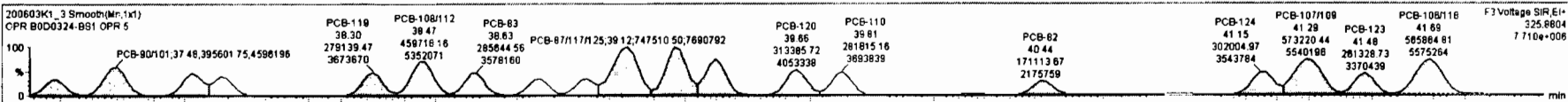


200603K1\_3



#	Name	Resp	RA	nHy	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RTT	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	227 3rd Function Tri-PCBs				0.8626	5.000	0.00	0.000	0.000	NO	18510		12.8		18510	
228	228 Total Tetra-PCBs				1.0778	5.000	0.00	0.000	0.000	NO	50680		19.8		50680	
229	229 3rd Function Penta-PCBs				1.3167	5.000	0.00	0.000	0.000	NO	65380		26.8		65380	
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00	0.000	0.000	NO	6108		4.83		6108	
231	231 3rd Function Hexa-PCBs				0.9505	5.000	0.00	0.000	0.000	NO	14580		4.57		14580	
232	232 4th Function Hexa-PCBs				1.0316	5.000	0.00	0.000	0.000	NO	32880		40.1		32880	
233	233 Total Hepta-PCBs				1.3551	5.000	0.00	0.000	0.000	NO	27340		36.7		27340	
234	234 4th Function Octa-PCBs				1.0008	5.000	0.00	0.000	0.000	NO	9907		9.73		9907	
235	235 5th Function Octa-PCBs				1.1489	5.000	0.00	0.000	0.000	NO	3527		6.28		3527	
236	236 Total Nona-PCBs				0.9523	5.000	0.00	0.000	0.000	NO	3386		6.83		3386	
237	237 Deca-CB				0.9864	5.000	0.00	0.000	0.000	NO	1119		0.246		1119	
238	238 Total PCBs															

#	Name	Pred.RT	RT	int Resp	Hz Resp	1% Ratio (Pred)	RA	nHy	EMPC	Conc.
1	84 PCB-104	32.47	32.47	2.620e5	1.677e5	1.580	1.58	NO	1145.0	1145.8
2	85 PCB-96	33.78	33.78	2.636e5	1.868e5	1.580	1.58	NO	1113.7	1113.7
3	86 PCB-103	34.32	34.32	2.084e5	1.369e5	1.580	1.53	NO	1100.1	1100.1
4	87 PCB-100	34.89	34.71	2.132e5	1.379e5	1.580	1.55	NO	1101.8	1101.8
5	88 PCB-94	35.21	35.19	1.894e5	1.080e5	1.580	1.60	NO	1087.2	1087.2
6	89 PCB-85/99/102	35.89	35.87	6.490e5	4.008e5	1.580	1.58	NO	3321.0	3321.0
7	70 PCB-83	35.81	35.81	1.702e5	1.034e5	1.580	1.85	NO	1108.5	1108.5

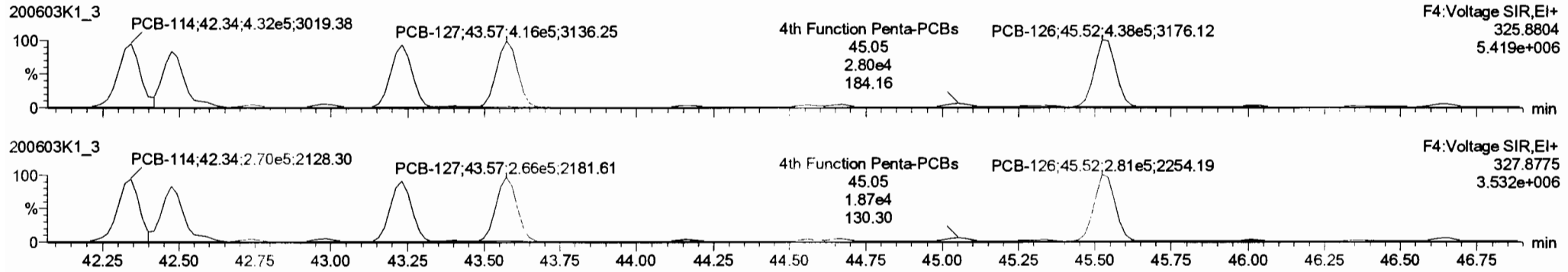


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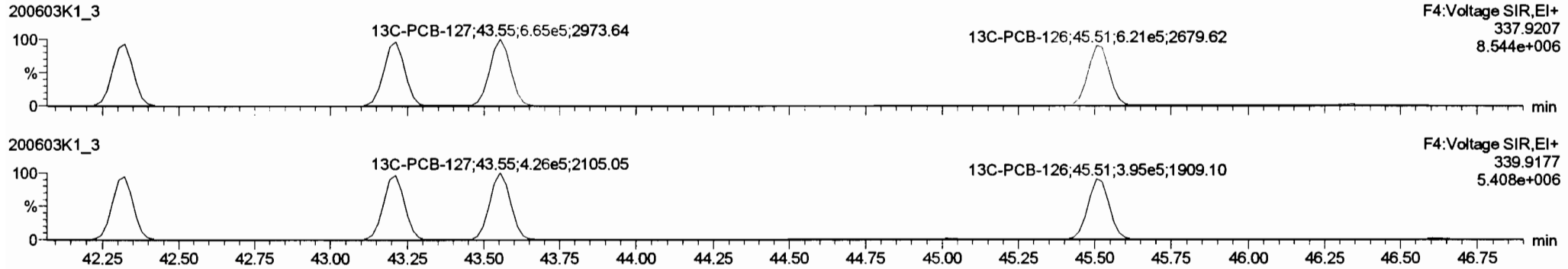
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

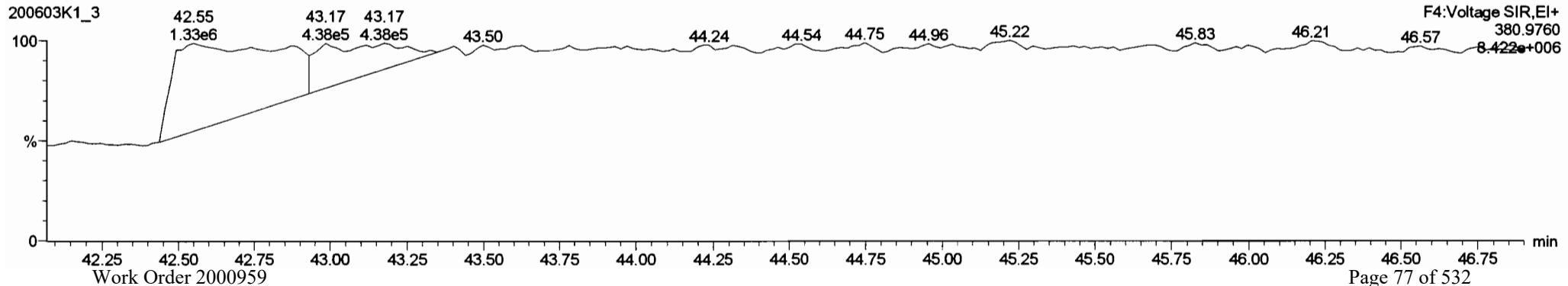
**PCB-114**

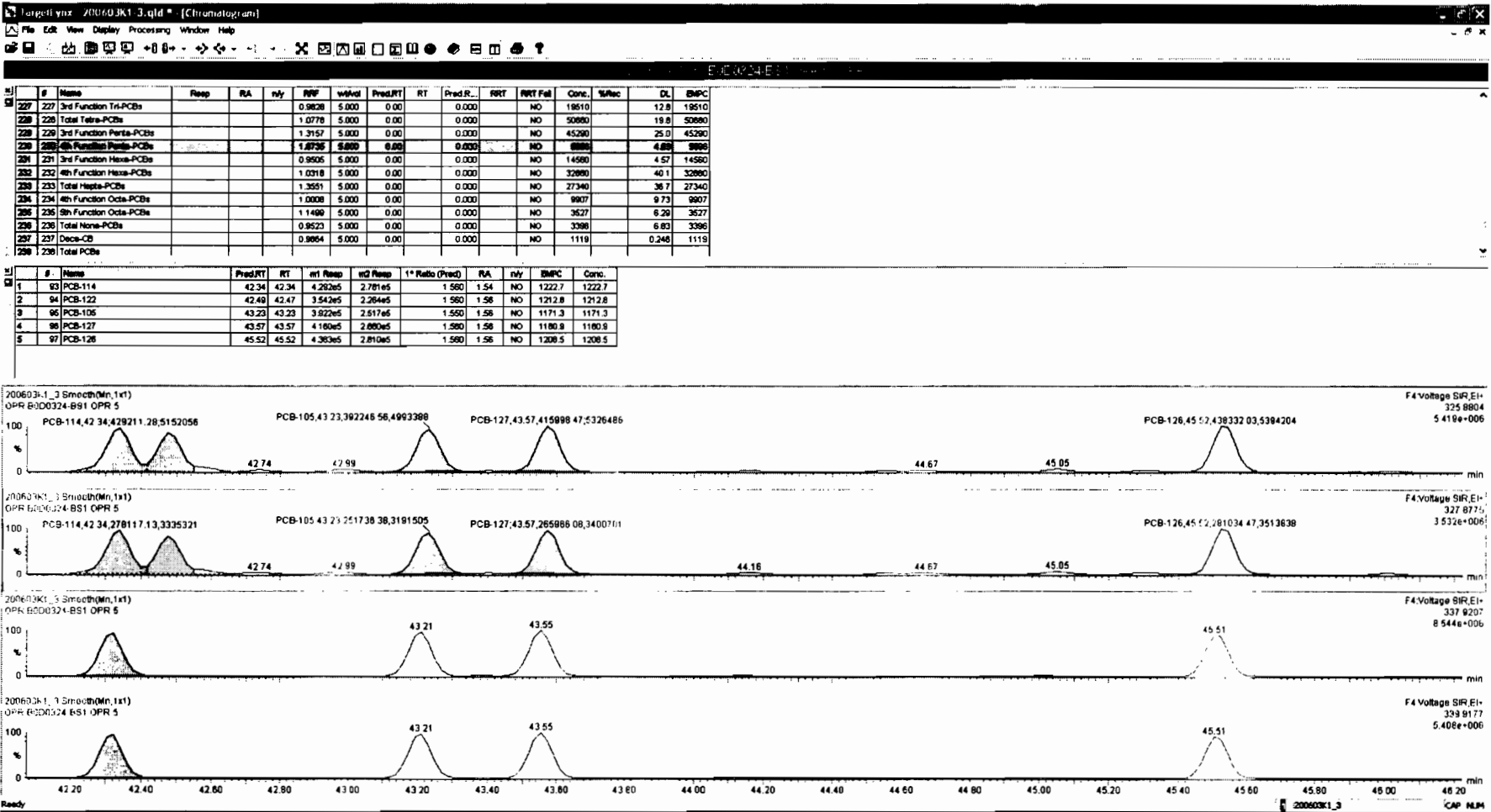


**13C-PCB-114**



**PFK4a**





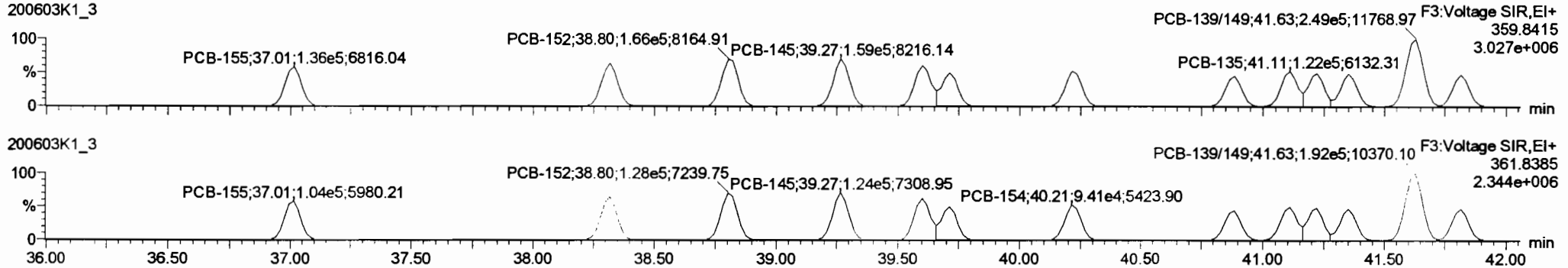
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

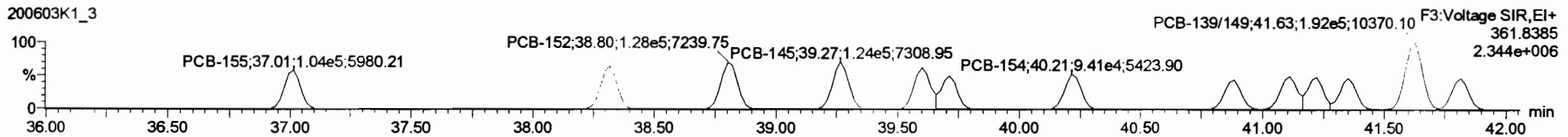
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**PCB-155**

200603K1\_3

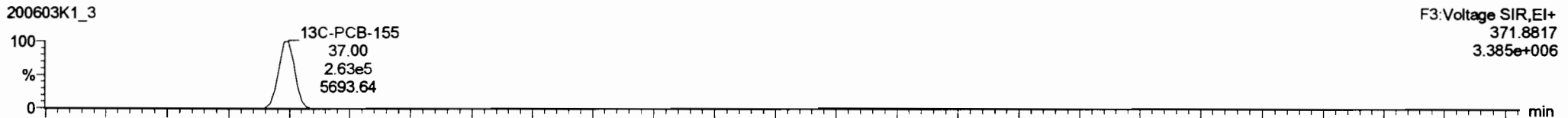


200603K1\_3

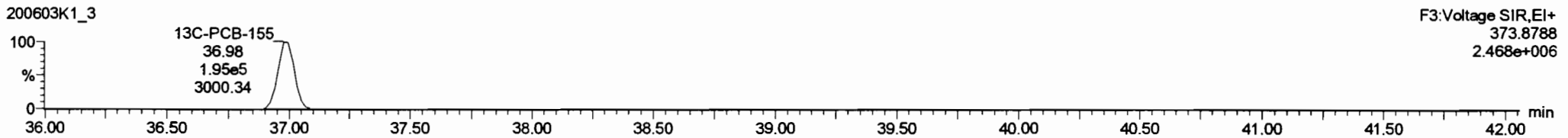


**13C-PCB-155**

200603K1\_3

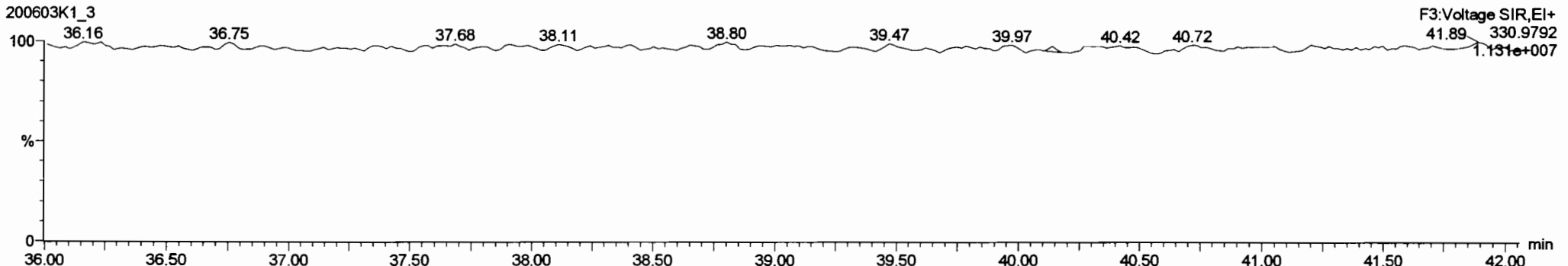


200603K1\_3



**PFK3c**

200603K1\_3

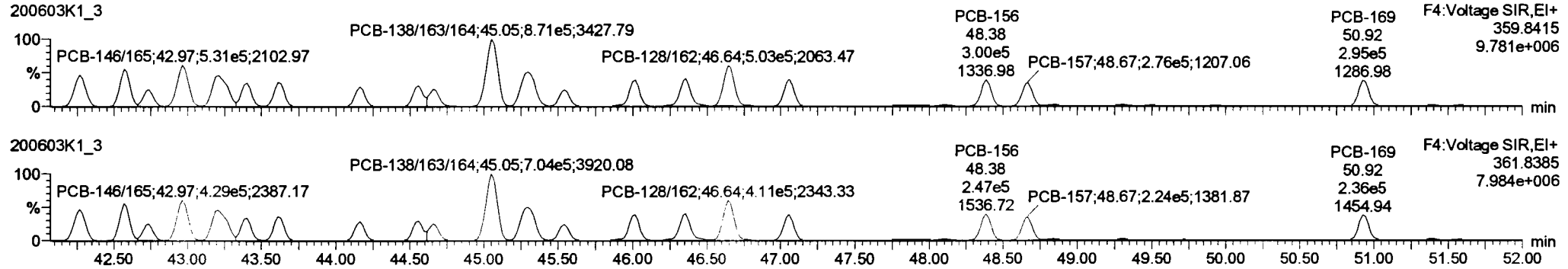


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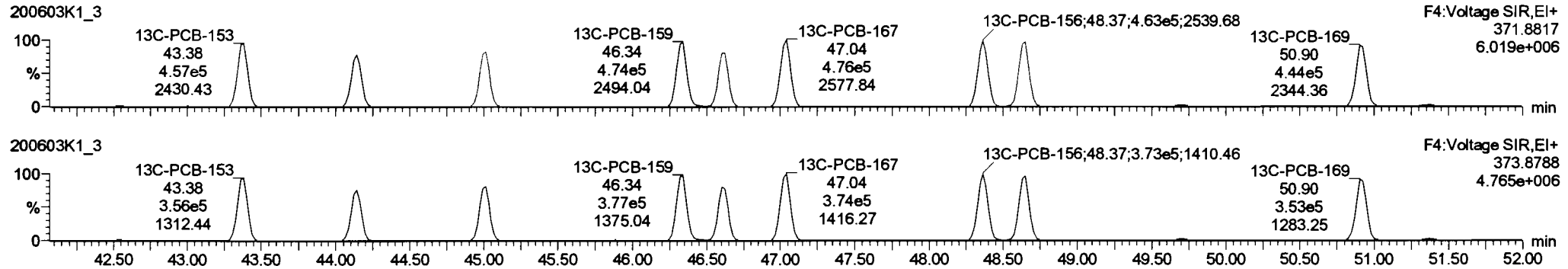
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Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

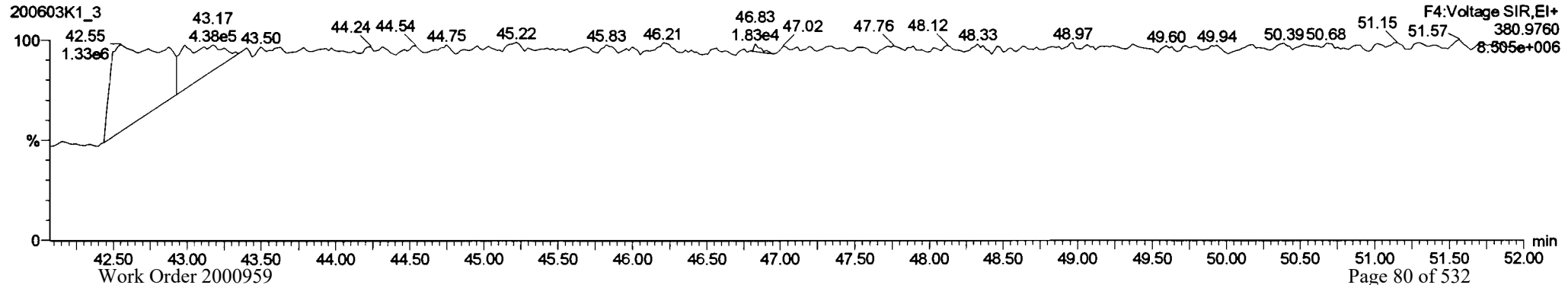
**PCB-134/143**



**13C-PCB-153**



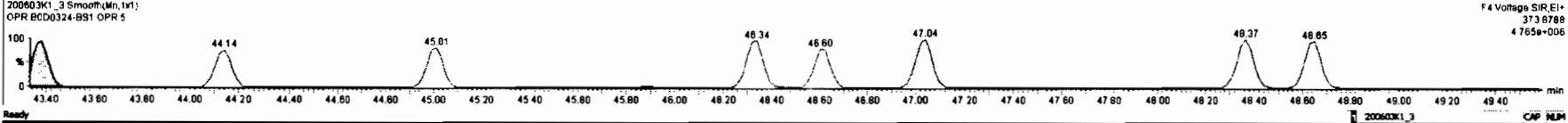
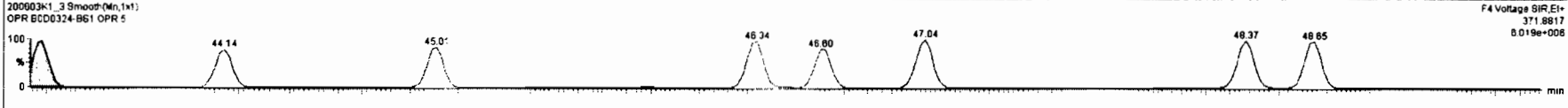
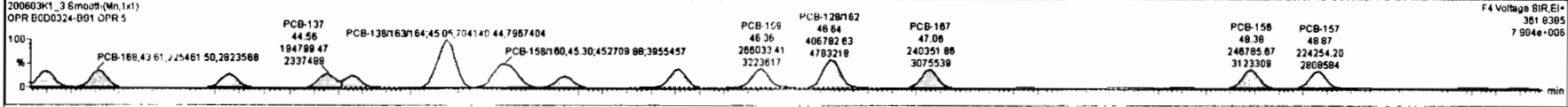
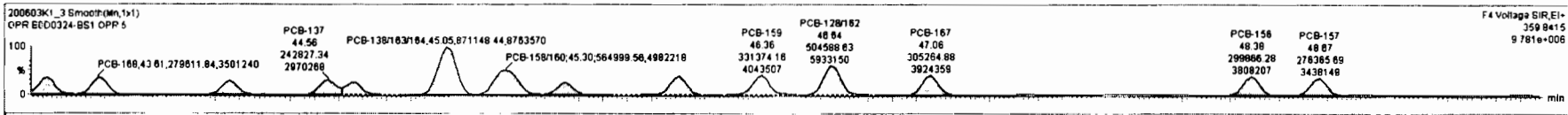
**PFK4b**





#	Name	Resp	RA	nV	RNF	wtVal	Pred RT	RT	Pred R.	RRT	RRT Fail	Conc	%Rec	DL	EtPC
227	227 3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO	19510	12.8	19510	
228	228 Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	50680	19.9	50680	
229	229 3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	45290	25.0	45290	
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	5996	4.83	5996	
231	231 3rd Function Hexa-PCBs				0.8505	5.000	0.00		0.000		NO	14580	4.57	14580	
232	232 4th Function Hexa-PCBs				1.8918	6.000	0.00		0.000		NO	32899	49.3	32899	
233	233 Total Hepta-PCBs				1.3551	5.000	0.00		0.000		NO	27340	36.7	27340	
234	234 4th Function Octa-PCBs				1.0008	5.000	0.00		0.000		NO	9907	9.73	9907	
235	235 5th Function Octa-PCBs				1.1498	5.000	0.00		0.000		NO	3527	6.29	3527	
236	236 Total Nona-PCBs				0.9523	5.000	0.00		0.000		NO	3306	6.83	3306	
237	237 Deca-OB				0.8864	5.000	0.00		0.000		NO	1119	0.246	1119	
238	238 Total PCBs														

#	Name	Pred RT	RT	Alt Resp	IG Resp	1* Ratio (Pred)	RA	nV	EtPC	Comp
1	111 PCB-134A43	42.29	42.28	3.986e5	3.248e5	1.240	1.23	NO	2245.7	2245.7
2	112 PCB-131A33	42.59	42.57	4.308e5	3.454e5	1.240	1.25	NO	2327.9	2327.9
3	113 PCB-142	42.74	42.74	1.900e5	1.580e5	1.240	1.22	NO	1129.0	1129.0
4	114 PCB-146A85	42.98	42.87	5.312e5	4.287e5	1.240	1.34	NO	2224.3	2224.3
5	115 PCB-132A81	43.22	43.21	5.290e5	4.286e5	1.240	1.23	NO	2301.4	2301.4
6	116 PCB-153	43.40	43.40	2.740e5	2.192e5	1.240	1.25	NO	1133.9	1133.9
7	117 PCB-188	43.83	43.81	2.786e5	2.256e5	1.240	1.34	NO	1154.1	1154.1

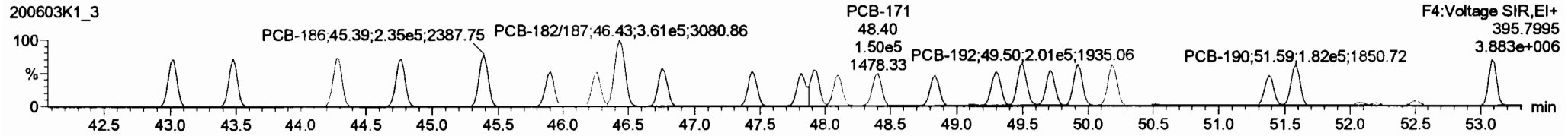
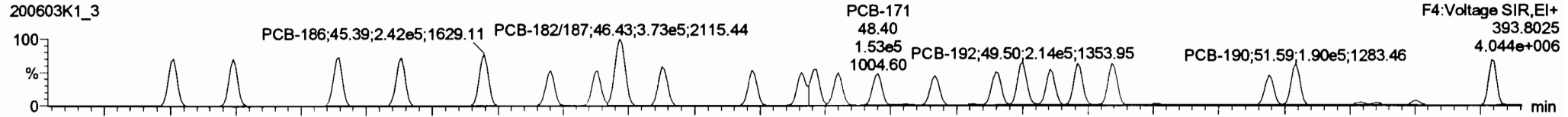


Dataset: Untitled

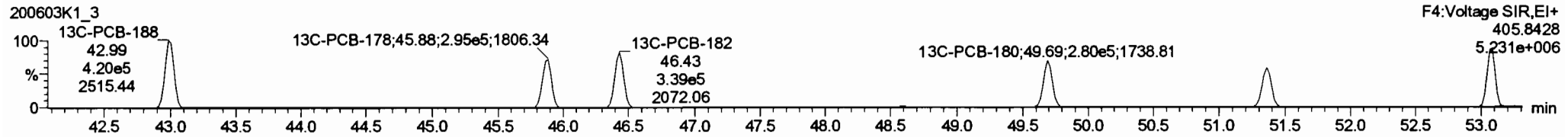
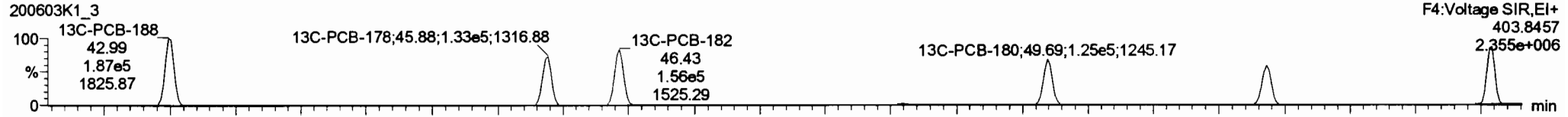
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

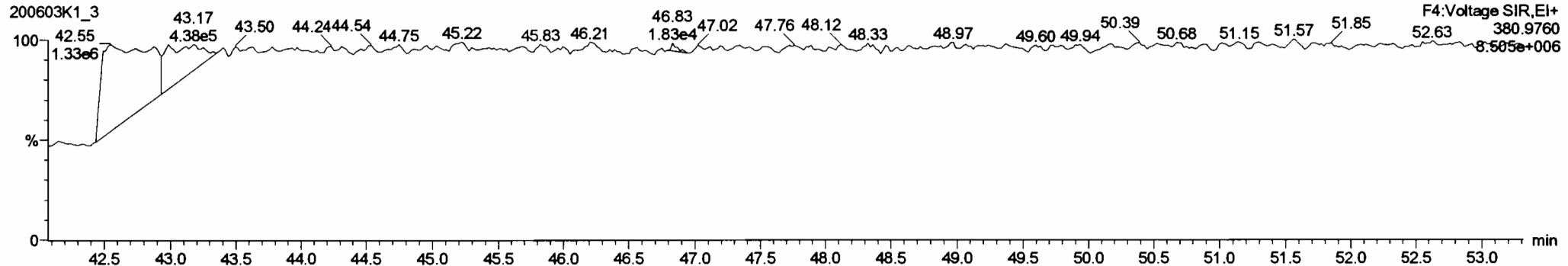
**PCB-188**



**13C-PCB-188**



**PFK4c**



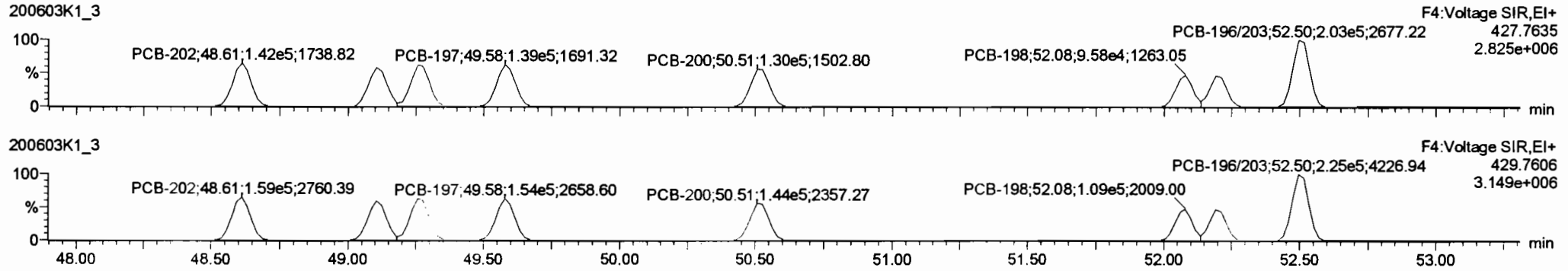
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Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
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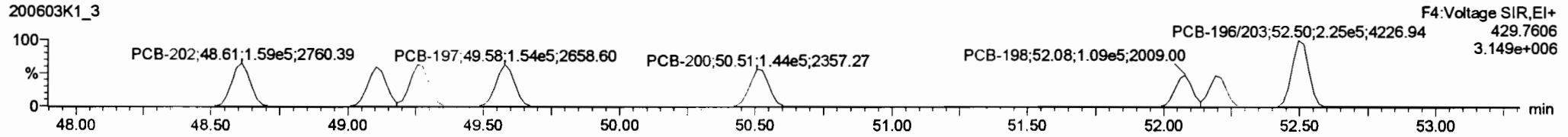
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**PCB-202**

200603K1\_3

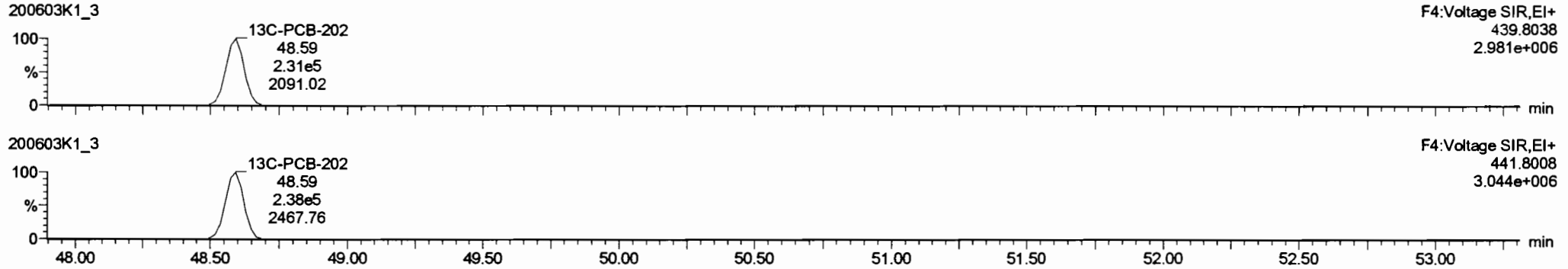


200603K1\_3

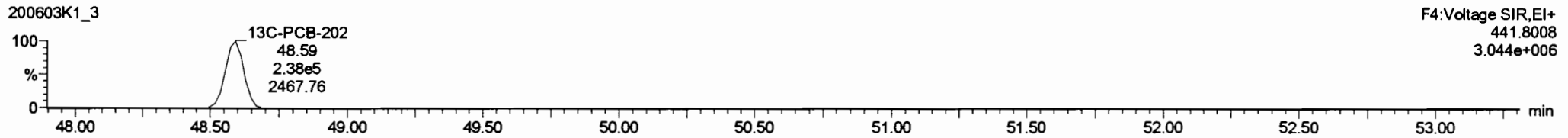


**13C-PCB-202**

200603K1\_3

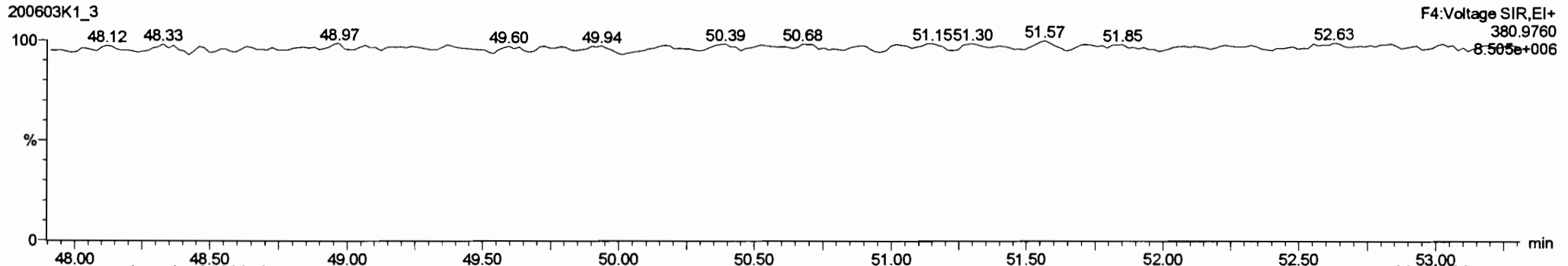


200603K1\_3



**PFK4d**

200603K1\_3



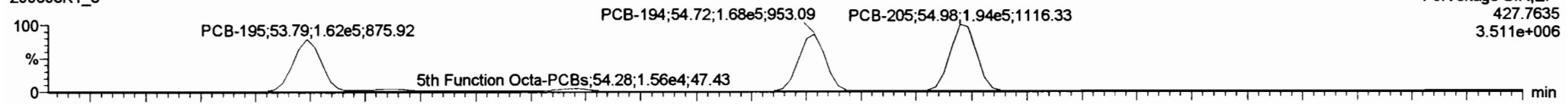
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

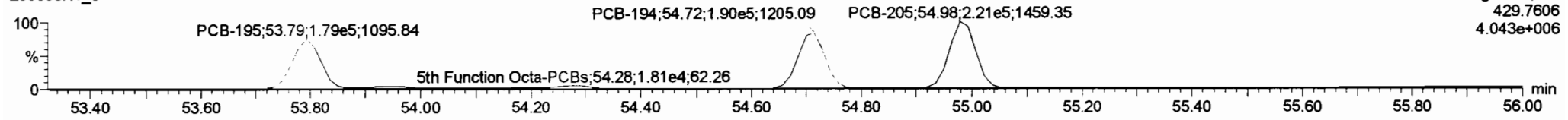
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**PCB-195**

200603K1\_3

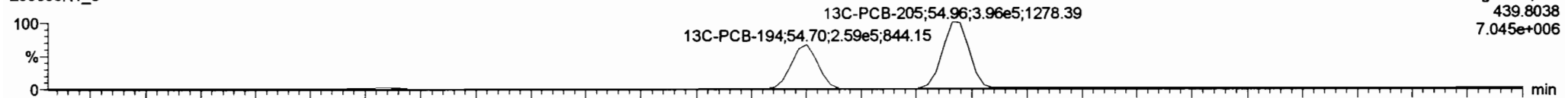


200603K1\_3

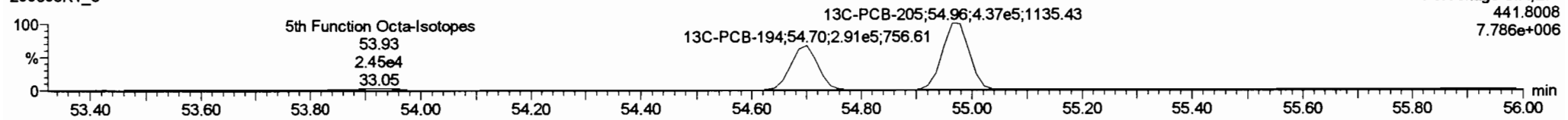


**13C-PCB-194**

200603K1\_3

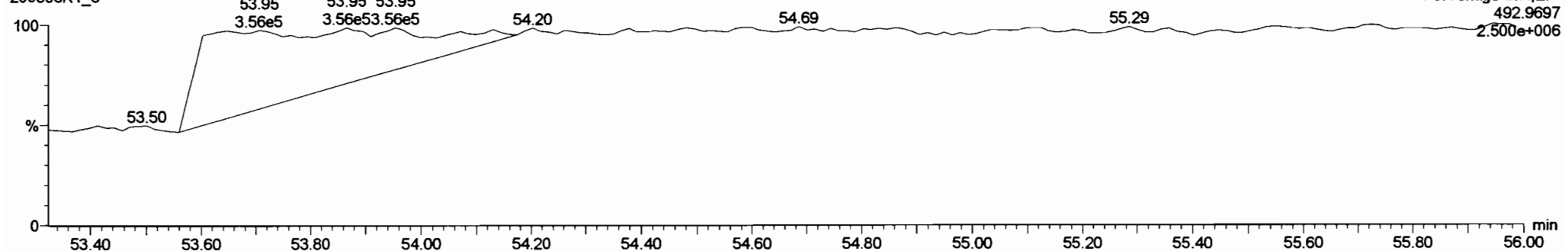


200603K1\_3



**PFK5a**

200603K1\_3

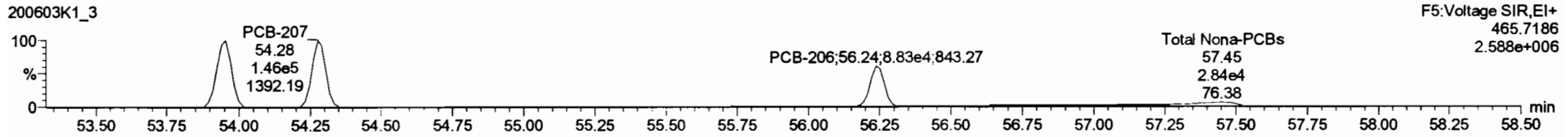
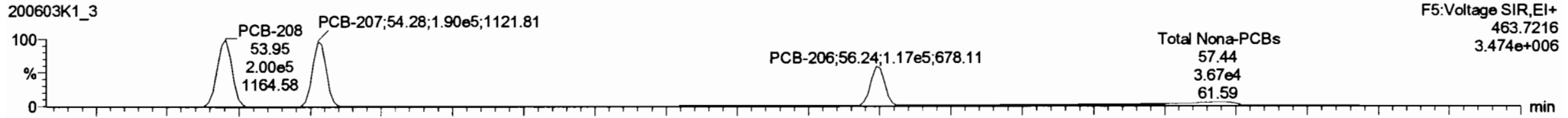


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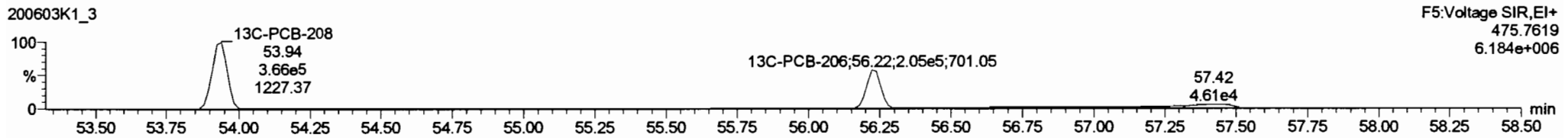
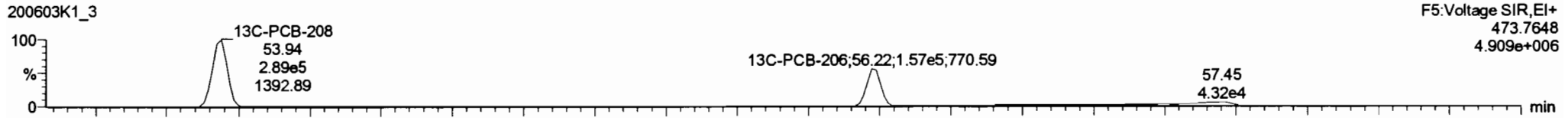
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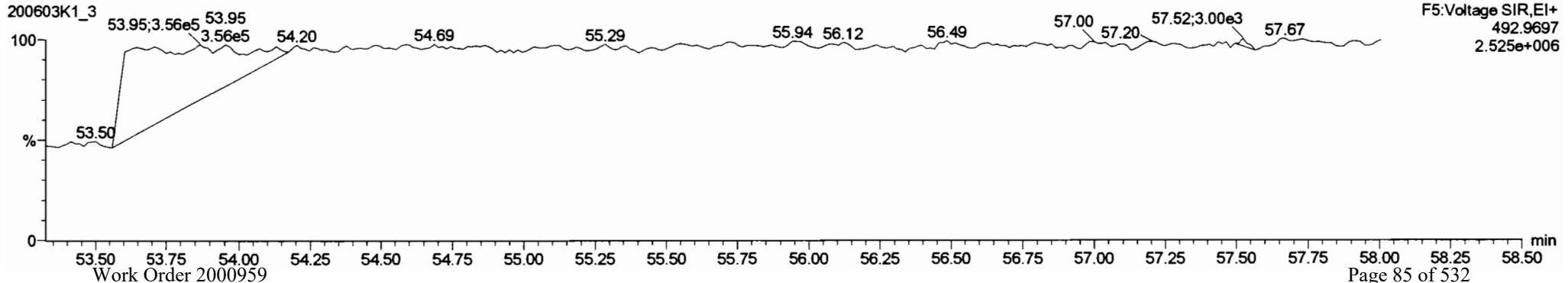
**PCB-208**



**13C-PCB-208**



**PFK5**



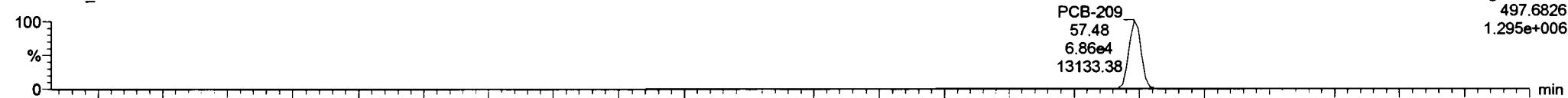
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Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_3, Date: 03-Jun-2020, Time: 16:48:29, ID: B0D0324-BS1 OPR 5, Description: OPR

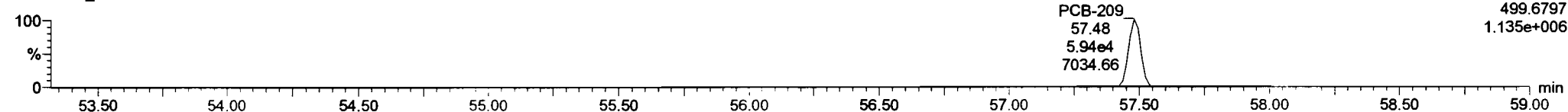
**PCB-209**

200603K1\_3



F5:Voltage SIR,EI+  
497.6826  
1.295e+006

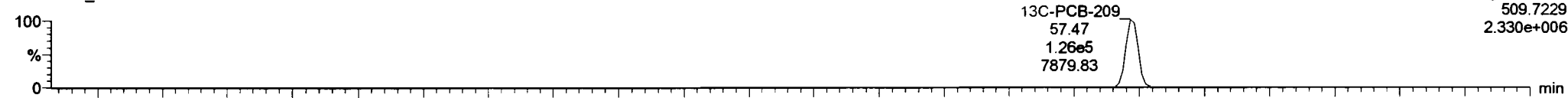
200603K1\_3



F5:Voltage SIR,EI+  
499.6797  
1.135e+006

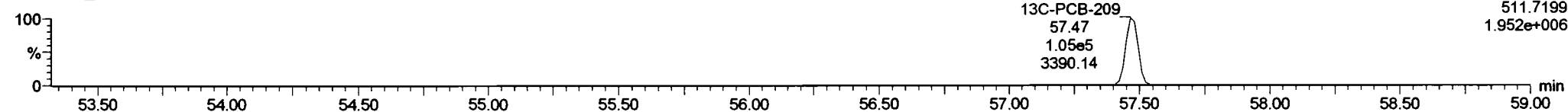
**13C-PCB-209**

200603K1\_3



F5:Voltage SIR,EI+  
509.7229  
2.330e+006

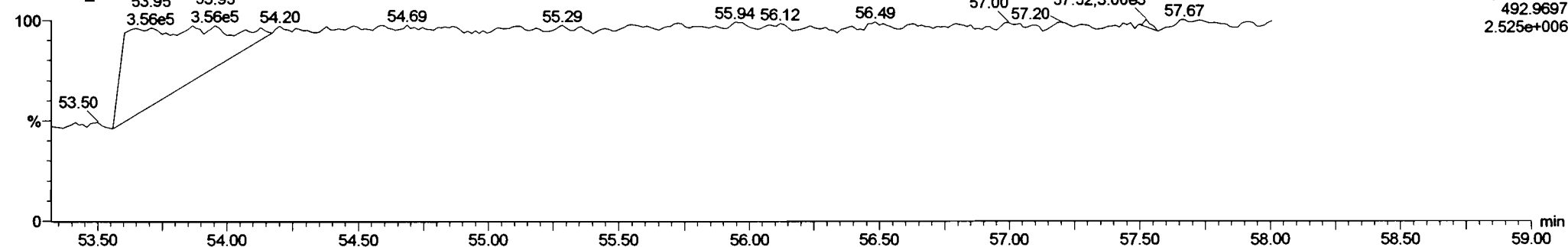
200603K1\_3



F5:Voltage SIR,EI+  
511.7199  
1.952e+006

**PFK5b**

200603K1\_3



F5:Voltage SIR,EI+  
492.9697  
2.525e+006

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-7.qld

Last Altered: Tuesday, June 09, 2020 15:35:28 Pacific Daylight Time  
Printed: Tuesday, June 09, 2020 15:36:37 Pacific Daylight Time

*ht 6-9-2020*

*(706/10/2020)*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	ny	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
1	1 PCB-1	2.75e4	3.16	NO	1.17	3.756	15.57	15.57	1.001	1.001	NO	44.12		0.381	44.12
2	2 PCB-2	9.02e3	3.06	NO	1.18	3.756	17.98	17.97	0.988	0.988	NO	13.82		0.390	13.82
3	3 PCB-3	2.42e4	3.26	NO	1.15	3.756	18.21	18.21	1.001	1.001	NO	38.10		0.402	38.10
4	4 PCB-4/10	5.25e4	1.53	NO	1.25	3.756	19.63	19.57	1.004	1.001	NO	111.8		1.61	111.8
5	5 PCB-7/9	2.76e4	1.51	NO	0.960	3.756	21.44	21.42	1.003	1.002	NO	45.38		1.30	45.38
6	6 PCB-6	5.71e4	1.62	NO	1.02	3.756	22.09	22.09	1.033	1.033	NO	88.07		1.22	88.07
7	7 PCB-5/8	2.82e5	1.58	NO	0.992	3.756	22.50	22.49	1.052	1.052	NO	449.4		1.25	449.4
8	8 PCB-14			NO	1.02	3.756	23.66		0.952		YES			1.28	
9	9 PCB-11	2.78e4	1.52	NO	1.13	3.756	24.87	24.88	1.001	1.001	NO	38.43		1.15	38.43
10	10 PCB-12/13	3.54e4	1.54	NO	1.03	3.756	25.31	25.25	1.018	1.016	NO	53.76		1.26	53.76
11	11 PCB-15	2.00e5	1.62	NO	1.03	3.756	25.62	25.59	1.031	1.029	NO	300.7		1.25	300.7
12	12 PCB-19	2.62e4	1.00	NO	1.11	3.756	23.83	23.82	1.001	1.001	NO	72.29		0.882	72.29
13	13 PCB-30			NO	1.79	3.756	24.73		1.039		YES			0.544	
14	14 PCB-18	4.81e5	1.01	NO	0.818	3.756	25.50	25.52	0.952	0.952	NO	1194		0.793	1194
15	15 PCB-17	2.14e5	1.01	NO	0.758	3.756	25.67	25.69	0.958	0.959	NO	573.4		0.855	573.4
16	16 PCB-24/27	3.83e4	1.03	NO	1.08	3.756	26.29	26.26	0.981	0.980	NO	71.80		0.599	71.80
17	17 PCB-16/32	3.16e5	1.01	NO	0.925	3.756	26.82	26.82	1.001	1.001	NO	693.0		0.701	693.0
18	18 PCB-34	1.70e4	1.02	NO	0.945	3.756	27.62	27.64	0.959	0.959	NO	33.78		1.01	33.78
19	19 PCB-23	8.27e2	0.96	NO	0.883	3.756	27.71	27.71	0.962	0.962	NO	1.762		1.08	1.762
20	20 PCB-29	4.61e3	1.02	NO	0.893	3.756	27.97	27.99	0.971	0.972	NO	9.701		1.07	9.701
21	21 PCB-26	1.87e5	1.02	NO	0.944	3.756	28.20	28.19	0.979	0.979	NO	372.2		1.01	372.2
22	22 PCB-25	1.06e5	1.05	NO	0.950	3.756	28.35	28.36	0.984	0.984	NO	210.0		1.01	210.0
23	23 PCB-31	1.18e6	1.04	NO	1.04	3.756	28.72	28.73	0.997	0.997	NO	2136		0.923	2136
24	24 PCB-28	1.21e6	1.05	NO	1.03	3.756	28.83	28.84	1.001	1.001	NO	2212		0.933	2212
25	25 PCB-20/21/33	5.72e5	1.04	NO	0.941	3.756	29.47	29.50	1.023	1.024	NO	1144		1.02	1144
26	26 PCB-22	3.32e5	1.04	NO	0.973	3.756	29.91	29.92	1.038	1.039	NO	641.2		0.984	641.2
27	27 PCB-36	2.14e3	0.83	YES	1.08	3.756	30.57	30.58	0.931	0.931	NO	3.703		0.951	3.289
28	28 PCB-39	9.34e3	1.07	NO	0.988	3.756	31.05	31.06	0.946	0.946	NO	17.64		1.04	17.64
29	29 PCB-38	1.22e4	1.06	NO	1.05	3.756	31.86	31.86	0.970	0.971	NO	21.68		0.973	21.68
30	30 PCB-35	1.77e4	1.02	NO	1.04	3.756	32.40	32.38	0.987	0.986	NO	31.62		0.980	31.62
31	31 PCB-37	2.99e5	1.03	NO	1.01	3.756	32.85	32.85	1.001	1.001	NO	552.0		1.01	552.0

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-7.qld

Last Altered: Tuesday, June 09, 2020 15:35:28 Pacific Daylight Time

Printed: Tuesday, June 09, 2020 15:36:37 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	nt	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
32	32 PCB-54	1.94e3	1.06	YES	1.08	3.756	27.67	27.67	1.001	1.001	NO	4.382		0.677	3.772
33	33 PCB-50	3.11e3	0.85	NO	0.880	3.756	28.87	28.88	1.044	1.044	NO	8.615		0.831	8.615
34	34 PCB-53	1.09e5	0.74	NO	0.997	3.756	29.56	29.55	0.944	0.944	NO	322.0		0.939	322.0
35	35 PCB-51	4.00e4	0.75	NO	1.07	3.756	29.91	29.91	0.955	0.955	NO	110.3		0.878	110.3
36	36 PCB-45	1.00e5	0.75	NO	0.858	3.756	30.36	30.35	0.969	0.969	NO	343.1		1.09	343.1
37	37 PCB-46	4.17e4	0.74	NO	0.831	3.756	30.85	30.85	0.985	0.985	NO	147.3		1.13	147.3
38	38 PCB-52/69	1.23e6	0.75	NO	1.17	3.756	31.36	31.34	1.001	1.001	NO	3096		0.802	3096
39	39 PCB-73	1.59e3	0.81	NO	1.44	3.756	31.47	31.45	1.005	1.004	NO	3.237		0.648	3.237
40	40 PCB-43/49	8.37e5	0.76	NO	1.02	3.756	31.65	31.66	1.010	1.011	NO	2417		0.921	2417
41	41 PCB-47	3.29e5	0.75	NO	0.922	3.756	31.86	31.86	1.001	1.001	NO	975.7		0.945	975.7
42	42 PCB-48/75	1.86e5	0.77	NO	1.12	3.756	31.97	31.97	1.004	1.004	NO	455.0		0.778	455.0
43	43 PCB-65			NO	1.28	3.756	32.24		1.013		YES			0.680	
44	44 PCB-62			NO	1.13	3.756	32.35		1.016		YES			0.773	
45	45 PCB-44	7.08e5	0.76	NO	0.824	3.756	32.68	32.68	1.026	1.026	NO	2351		1.06	2351
46	46 PCB-42/59	2.85e5	0.77	NO	1.05	3.756	32.90	32.90	1.033	1.033	NO	743.9		0.830	743.9
47	47 PCB-41/64/71/72	8.93e5	0.75	NO	1.19	3.756	33.53	33.52	1.053	1.053	NO	2059		0.734	2059
48	48 PCB-68	2.89e4	0.72	NO	1.28	3.756	33.78	33.78	1.061	1.061	NO	62.01		0.682	62.01
49	49 PCB-40	1.04e5	0.76	NO	0.602	3.756	34.01	34.00	1.068	1.068	NO	474.2		1.45	474.2
50	50 PCB-57	8.94e3	0.77	NO	1.16	3.756	34.38	34.37	0.969	0.969	NO	18.26		0.656	18.26
51	51 PCB-67	3.77e4	0.75	NO	1.08	3.756	34.69	34.69	0.978	0.978	NO	82.63		0.704	82.63
52	52 PCB-58	1.04e4	0.89	YES	1.20	3.756	34.80	34.82	0.981	0.982	NO	20.84		0.834	19.28
53	53 PCB-63	5.60e4	0.78	NO	1.07	3.756	34.97	34.97	0.986	0.986	NO	124.1		0.712	124.1
54	54 PCB-74	6.54e5	0.76	NO	1.19	3.756	35.27	35.26	0.994	0.994	NO	1312		0.644	1312
55	55 PCB-61/70	1.70e6	0.75	NO	1.05	3.756	35.49	35.49	1.000	1.001	NO	3829		0.724	3829
56	56 PCB-76/66	1.35e6	0.76	NO	1.16	3.756	35.68	35.69	1.006	1.006	NO	2758		0.655	2758
57	57 PCB-80	2.98e3	0.68	NO	1.19	3.756	35.92	35.88	1.001	0.999	NO	5.650		0.599	5.650
58	58 PCB-55	1.36e4	0.77	NO	1.17	3.756	36.26	36.21	1.010	1.009	NO	26.17		0.608	26.17
59	59 PCB-56/60	7.18e5	0.74	NO	1.02	3.756	36.76	36.75	1.024	1.024	NO	1590		0.699	1590
60	60 PCB-79	3.39e4	0.79	NO	1.14	3.756	37.86	37.87	1.055	1.055	NO	67.11		0.625	67.11
61	61 PCB-78	5.82e3	0.78	NO	1.14	3.756	38.58	38.52	0.987	0.985	NO	12.28		0.674	12.28
62	62 PCB-81	1.14e4	0.73	NO	1.05	3.756	39.12	39.17	1.000	1.002	NO	26.02		0.732	26.02
63	63 PCB-77	1.11e5	0.78	NO	1.14	3.756	39.73	39.73	1.000	1.000	NO	243.8		0.711	243.8
64	64 PCB-104			NO	1.12	3.756	32.53		1.001		YES			0.547	
65	65 PCB-96	1.10e4	1.49	NO	1.15	3.756	33.83	33.83	1.041	1.041	NO	31.78		0.532	31.78



Dataset: U:\WG11.PRO\Results\200604K1\200604K1-7.qld

Last Altered: Tuesday, June 09, 2020 15:35:28 Pacific Daylight Time

Printed: Tuesday, June 09, 2020 15:36:37 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	ny	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
66	66 PCB-103	3.81e4	1.45	NO	0.936	3.756	34.38	34.39	1.058	1.058	NO	135.6		0.655	135.6
67	67 PCB-100	1.57e4	1.54	NO	0.954	3.756	34.75	34.74	1.069	1.069	NO	54.99		0.644	54.99
68	68 PCB-94	4.67e3	1.72	NO	0.949	3.756	35.25	35.23	0.985	0.985	NO	20.45		0.800	20.45
69	69 PCB-95/98/102	1.10e6	1.55	NO	1.20	3.756	35.73	35.79	0.999	1.001	NO	3800		0.631	3800
70	70 PCB-93			NO	0.935	3.756	35.85		1.002		YES			0.812	
71	71 PCB-88/91	1.82e5	1.55	NO	1.06	3.756	36.20	36.21	1.012	1.012	NO	709.6		0.713	709.6
72	72 PCB-121			NO	1.71	3.756	36.29		1.015		YES			0.444	
73	73 PCB-84/92	6.04e5	1.58	NO	1.02	3.756	37.15	37.14	0.990	0.990	NO	2659		0.821	2659
74	74 PCB-89	1.21e4	1.47	NO	1.11	3.756	37.33	37.33	0.995	0.995	NO	49.07		0.756	49.07
75	75 PCB-90/101	1.56e6	1.55	NO	1.12	3.756	37.54	37.54	1.000	1.000	NO	6232		0.744	6232
76	76 PCB-113	4.03e3	1.38	NO	1.51	3.756	37.78	37.76	1.007	1.006	NO	11.94		0.552	11.94
77	77 PCB-99	6.82e5	1.54	NO	1.32	3.756	37.87	37.87	1.009	1.009	NO	2315		0.633	2315
78	78 PCB-119	6.33e4	1.53	NO	1.81	3.756	38.35	38.35	0.987	0.987	NO	164.2		0.485	164.2
79	79 PCB-108/112	5.77e4	1.57	NO	1.44	3.756	38.51	38.52	0.991	0.991	NO	187.0		0.606	187.0
80	80 PCB-83			NO	1.83	3.756	38.66		0.995		YES			0.478	
81	81 PCB-97	3.20e5	1.60	NO	1.28	3.756	38.88	38.88	1.000	1.000	NO	1167		0.683	1167
82	82 PCB-86	5.82e3	1.48	NO	1.12	3.756	39.04	39.08	1.005	1.006	NO	24.36		0.784	24.36
83	83 PCB-87/117/125	4.06e5	1.59	NO	1.56	3.756	39.17	39.17	1.008	1.008	NO	1220		0.562	1220
84	84 PCB-111/115	2.19e4	1.57	NO	1.91	3.756	39.33	39.36	1.012	1.013	NO	53.70		0.458	53.70
85	85 PCB-85/116	1.61e5	1.60	NO	1.41	3.756	39.46	39.43	1.015	1.015	NO	535.5		0.621	535.5
86	86 PCB-120	2.12e4	1.60	NO	2.01	3.756	39.72	39.73	1.022	1.023	NO	49.46		0.437	49.46
87	87 PCB-110	1.65e6	1.57	NO	1.74	3.756	39.87	39.86	1.026	1.026	NO	4435		0.503	4435
88	88 PCB-82	9.34e4	1.51	NO	0.781	3.756	40.52	40.49	0.976	0.975	NO	433.5		0.885	433.5
89	89 PCB-124	5.53e4	1.54	NO	1.40	3.756	41.23	41.20	0.993	0.992	NO	143.7		0.495	143.7
90	90 PCB-107/109	1.26e5	1.57	NO	1.34	3.756	41.37	41.37	0.996	0.996	NO	341.0		0.515	341.0
91	91 PCB-123	1.33e4	1.55	NO	1.20	3.756	41.54	41.54	1.000	1.000	NO	40.25		0.577	40.25
92	92 PCB-106/118	1.16e6	1.56	NO	1.22	3.756	41.74	41.72	1.001	1.000	NO	3479		0.572	3479
93	93 PCB-114	2.55e4	1.56	NO	1.14	3.756	42.40	42.40	1.000	1.000	NO	63.69		1.22	63.69
94	94 PCB-122	1.49e4	1.50	NO	0.944	3.756	42.55	42.55	1.004	1.004	NO	44.82		1.47	44.82
95	95 PCB-105	4.01e5	1.59	NO	1.05	3.756	43.29	43.29	1.000	1.000	NO	1112		1.36	1112
96	96 PCB-127			NO	1.06	3.756	43.65		1.000		YES			1.34	
97	97 PCB-126	6.84e3	1.48	NO	1.17	3.756	45.60	45.60	1.000	1.000	NO	18.29		1.32	18.29
98	98 PCB-155	5.16e2	0.93	YES	1.04	3.756	37.05	37.07	1.000	1.001	NO	2.552		0.484	2.225
99	99 PCB-150	8.13e3	1.29	NO	1.08	3.756	38.37	38.37	1.036	1.036	NO	38.77		0.447	38.77

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Last Altered: Tuesday, June 09, 2020 15:35:28 Pacific Daylight Time

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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	nt	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
100	1... PCB-152	7.72e2	1.50	YES	1.19	3.756	38.86	38.84	1.049	1.049	NO	3.360		0.408	3.004
101	1... PCB-145	4.16e2	1.02	YES	1.19	3.756	39.33	39.28	1.062	1.061	NO	1.808		0.408	1.650
102	1... PCB-136	2.50e5	1.30	NO	1.02	3.756	39.66	39.66	1.071	1.071	NO	1266		0.474	1266
103	1... PCB-148	1.16e4	1.19	NO	0.842	3.756	39.77	39.77	1.074	1.074	NO	70.94		0.576	70.94
104	1... PCB-154	5.58e4	1.27	NO	0.919	3.756	40.27	40.27	1.087	1.087	NO	313.7		0.527	313.7
105	1... PCB-151	3.32e5	1.29	NO	0.787	3.756	40.94	40.94	1.105	1.106	NO	2179		0.616	2179
106	1... PCB-135	2.01e5	1.31	NO	0.922	3.756	41.17	41.16	1.112	1.112	NO	1128		0.525	1128
107	1... PCB-144	6.34e4	1.30	NO	0.789	3.756	41.28	41.28	1.115	1.115	NO	414.8		0.614	414.8
108	1... PCB-147	1.68e4	1.18	NO	0.834	3.756	41.41	41.41	1.118	1.118	NO	103.8		0.580	103.8
109	1... PCB-139/149	1.11e6	1.28	NO	0.948	3.756	41.68	41.67	1.125	1.125	NO	6039		0.511	6039
110	1... PCB-140	1.48e4	1.15	NO	0.794	3.756	41.88	41.87	1.131	1.131	NO	96.54		0.610	96.54
111	1... PCB-134/143	8.10e4	1.22	NO	0.759	3.756	42.35	42.34	0.975	0.975	NO	350.9		2.80	350.9
112	1... PCB-131/133	9.45e4	1.28	NO	0.821	3.756	42.65	42.63	0.982	0.981	NO	378.7		2.59	378.7
113	1... PCB-142	2.93e3	1.46	YES	0.754	3.756	42.80	42.78	0.985	0.985	NO	12.77		2.82	11.63
114	1... PCB-146/165	5.67e5	1.21	NO	1.02	3.756	43.04	43.04	0.991	0.991	NO	1835		2.09	1835
115	1... PCB-132/161	5.93e5	1.21	NO	1.02	3.756	43.27	43.31	0.996	0.997	NO	1903		2.08	1903
116	1... PCB-153	2.58e6	1.24	NO	1.07	3.756	43.46	43.46	1.000	1.000	NO	7928		1.99	7928
117	1... PCB-168	4.81e3	1.29	NO	1.08	3.756	43.69	43.69	1.006	1.006	NO	14.69		1.98	14.69
118	1... PCB-141	3.96e5	1.25	NO	1.03	3.756	44.22	44.22	1.000	1.000	NO	1581		2.55	1581
119	1... PCB-137	4.28e4	1.24	NO	1.11	3.756	44.62	44.62	1.010	1.009	NO	158.2		2.36	158.2
120	1... PCB-130	1.03e5	1.23	NO	0.885	3.756	44.72	44.73	1.012	1.012	NO	476.0		2.96	476.0
121	1... PCB-138/163/164	2.29e6	1.24	NO	1.28	3.756	45.11	45.11	1.001	1.001	NO	7020		1.98	7020
122	1... PCB-158/160	1.77e5	1.25	NO	1.24	3.756	45.35	45.33	1.006	1.006	NO	562.2		2.05	562.2
123	1... PCB-129	4.00e4	1.25	NO	0.867	3.756	45.62	45.60	1.012	1.012	NO	181.9		2.94	181.9
124	1... PCB-166	5.25e3	1.26	NO	1.14	3.756	46.08	46.07	0.993	0.993	NO	15.25		1.96	15.25
125	1... PCB-159			NO	1.22	3.756	46.41		1.000		YES			1.84	
126	1... PCB-128/162	2.02e5	1.22	NO	0.907	3.756	46.70	46.70	1.007	1.007	NO	738.3		2.47	738.3
127	1... PCB-167	6.44e4	1.21	NO	1.11	3.756	47.12	47.13	1.000	1.001	NO	195.9		2.02	195.9
128	1... PCB-156	1.73e5	1.22	NO	1.13	3.756	48.44	48.46	1.000	1.001	NO	539.7		2.07	539.7
129	1... PCB-157	2.17e4	1.31	NO	1.04	3.756	48.75	48.73	1.001	1.000	NO	72.51		2.14	72.51
130	1... PCB-169			NO	1.16	3.756	51.00		1.000		YES			2.28	
131	1... PCB-188	3.62e3	1.19	NO	1.29	3.756	43.08	43.08	1.001	1.001	NO	11.22		1.08	11.22
132	1... PCB-184	1.35e3	1.11	NO	1.23	3.756	43.53	43.53	1.011	1.011	NO	4.391		1.13	4.391
133	1... PCB-179	4.43e5	1.05	NO	1.30	3.756	44.33	44.33	1.030	1.030	NO	1365		1.08	1365

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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	nty	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
134	1... PCB-176	1.32e5	1.02	NO	1.31	3.756	44.80	44.82	1.041	1.041	NO	402.6		1.07	402.6
135	1... PCB-186	2.52e3	0.91	NO	1.33	3.756	45.45	45.45	1.056	1.056	NO	7.570		1.05	7.570
136	1... PCB-178	1.65e5	1.03	NO	0.943	3.756	45.96	45.96	1.068	1.068	NO	697.7		1.48	697.7
137	1... PCB-175	2.86e4	1.00	NO	0.956	3.756	46.30	46.32	1.076	1.076	NO	119.4		1.46	119.4
138	1... PCB-182/187	9.87e5	1.04	NO	1.07	3.756	46.48	46.47	1.080	1.080	NO	3697		1.31	3697
139	1... PCB-183	4.26e5	1.03	NO	1.02	3.756	46.82	46.83	1.088	1.088	NO	1665		1.37	1665
140	1... PCB-185	8.86e4	1.03	NO	1.41	3.756	47.50	47.49	0.955	0.955	NO	399.0		1.62	399.0
141	1... PCB-174	6.77e5	1.02	NO	1.35	3.756	47.88	47.87	0.962	0.962	NO	3165		1.68	3165
142	1... PCB-181	4.98e4	1.03	NO	1.47	3.756	47.97	47.97	0.964	0.964	NO	213.6		1.54	213.6
143	1... PCB-177	3.79e5	1.02	NO	1.28	3.756	48.15	48.16	0.968	0.968	NO	1876		1.78	1876
144	1... PCB-171	1.68e5	1.05	NO	1.32	3.756	48.44	48.46	0.974	0.974	NO	807.9		1.73	807.9
145	1... PCB-173	1.50e4	1.12	NO	1.19	3.756	48.90	48.90	0.983	0.983	NO	79.62		1.91	79.62
146	1... PCB-172	9.74e4	1.03	NO	1.38	3.756	49.35	49.37	0.992	0.992	NO	448.2		1.66	448.2
147	1... PCB-192			NO	1.83	3.756	49.54		0.996		YES			1.25	
148	1... PCB-180	1.47e6	1.04	NO	1.41	3.756	49.77	49.79	1.000	1.001	NO	6594		1.61	6594
149	1... PCB-193	8.63e4	1.04	NO	1.68	3.756	49.98	50.00	1.005	1.005	NO	325.8		1.36	325.8
150	1... PCB-191	2.70e4	1.07	NO	1.71	3.756	50.24	50.26	1.010	1.010	NO	99.87		1.33	99.87
151	1... PCB-170	5.09e5	1.02	NO	1.40	3.756	51.44	51.45	1.000	1.001	NO	2747		1.86	2747
152	1... PCB-190	1.31e5	1.05	NO	1.85	3.756	51.62	51.64	1.004	1.004	NO	534.1		1.41	534.1
153	1... PCB-189	1.92e4	1.02	NO	1.45	3.756	53.16	53.16	1.000	1.000	NO	90.23		1.41	90.23
154	1... PCB-202	6.98e4	0.93	NO	1.17	3.756	48.69	48.67	1.001	1.000	NO	313.3		1.21	313.3
158	1... PCB-201	5.03e4	0.89	NO	1.05	3.756	49.16	49.16	1.010	1.011	NO	250.8		1.34	250.8
158	1... PCB-204	2.61e3	1.01	NO	1.14	3.756	49.32	49.31	1.014	1.014	NO	12.02		1.24	12.02
157	1... PCB-197	1.61e4	0.86	NO	1.13	3.756	49.64	49.64	1.020	1.020	NO	74.70		1.25	74.70
158	1... PCB-200	4.53e4	0.94	NO	1.07	3.756	50.57	50.56	1.039	1.039	NO	221.9		1.32	221.9
159	1... PCB-198	1.17e4	0.87	NO	0.794	3.756	52.14	52.15	1.072	1.072	NO	77.64		1.78	77.64
160	1... PCB-199	2.31e5	0.90	NO	0.809	3.756	52.25	52.25	1.074	1.074	NO	1500		1.75	1500
161	1... PCB-196/203	2.57e5	0.92	NO	0.838	3.756	52.58	52.55	1.081	1.080	NO	1607		1.69	1607
162	1... PCB-195	1.19e5	0.89	NO	1.04	3.756	53.84	53.84	0.984	0.983	NO	733.5		4.85	733.5
163	1... PCB-194	2.57e5	0.88	NO	1.12	3.756	54.76	54.76	1.000	1.000	NO	1491		4.54	1491
164	1... PCB-205	1.47e4	0.79	NO	1.29	3.756	55.02	55.04	1.005	1.005	NO	73.59		3.93	73.59
165	1... PCB-208	8.90e4	1.40	NO	0.933	3.756	54.00	54.00	1.000	1.000	NO	465.2		4.08	465.2
166	1... PCB-207	4.06e4	1.34	NO	0.916	3.756	54.32	54.32	1.006	1.006	NO	216.1		4.16	216.1
167	1... PCB-206	3.36e5	1.38	NO	1.01	3.756	56.30	56.29	1.000	1.000	NO	2959		6.55	2959

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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	nt	RRF	wVol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
168	1... PCB-209	1.07e6	1.18	NO	0.986	3.756	57.51	57.52	1.000	1.000	NO	11910		1.54	11910
169	1... 13C-PCB-1	1.42e6	3.12	NO	0.893	3.756	15.54	15.56	0.608	0.608	NO	2090	78.5	2.30	
170	1... 13C-PCB-3	1.47e6	3.19	NO	0.911	3.756	18.20	18.20	0.712	0.712	NO	2120	79.6	2.26	
171	1... 13C-PCB-4	1.00e6	1.59	NO	0.600	3.756	19.55	19.55	0.765	0.765	NO	2197	82.5	1.17	
172	1... 13C-PCB-9	1.69e6	1.59	NO	0.970	3.756	21.38	21.38	0.836	0.836	NO	2284	85.8	0.724	
173	1... 13C-PCB-11	1.71e6	1.59	NO	0.962	3.756	24.83	24.85	0.971	0.972	NO	2335	87.7	0.730	
174	1... 13C-PCB-19	8.73e5	1.06	NO	0.499	3.756	23.80	23.80	0.931	0.931	NO	2300	86.4	12.8	
175	1... 13C-PCB-32	1.31e6	1.03	NO	0.744	3.756	26.79	26.80	1.048	1.048	NO	2315	87.0	8.55	
176	1... 13C-PCB-28	1.42e6	1.04	NO	1.06	3.756	28.83	28.81	1.004	1.003	NO	2056	77.2	9.04	
177	1... 13C-PCB-37	1.43e6	1.03	NO	0.989	3.756	32.81	32.83	1.143	1.143	NO	2229	83.7	9.72	
178	1... 13C-PCB-54	1.09e6	0.78	NO	0.999	3.756	27.66	27.65	0.753	0.753	NO	2300	86.4	1.89	
179	1... 13C-PCB-52	9.07e5	0.75	NO	0.804	3.756	31.31	31.32	0.852	0.853	NO	2373	89.1	2.35	
180	1... 13C-PCB-47	9.73e5	0.77	NO	0.857	3.756	31.82	31.84	0.866	0.867	NO	2387	89.7	2.20	
181	1... 13C-PCB-70	1.12e6	0.77	NO	0.996	3.756	35.46	35.47	0.965	0.966	NO	2368	88.9	1.90	
182	1... 13C-PCB-80	1.18e6	0.79	NO	1.03	3.756	35.89	35.90	0.977	0.977	NO	2418	90.8	1.84	
183	1... 13C-PCB-81	1.11e6	0.78	NO	0.988	3.756	39.10	39.10	1.064	1.064	NO	2367	88.9	1.91	
184	1... 13C-PCB-77	1.07e6	0.78	NO	0.969	3.756	39.72	39.71	1.081	1.081	NO	2324	87.3	1.95	
185	1... 13C-PCB-104	7.99e5	1.59	NO	1.02	3.756	32.52	32.51	0.827	0.827	NO	2462	92.5	1.64	
186	1... 13C-PCB-95	6.41e5	1.59	NO	0.805	3.756	35.78	35.77	0.910	0.910	NO	2493	93.6	2.08	
187	1... 13C-PCB-101	5.94e5	1.60	NO	0.793	3.756	37.53	37.52	0.954	0.954	NO	2346	88.1	2.11	
188	1... 13C-PCB-97	5.69e5	1.57	NO	0.696	3.756	38.87	38.86	0.989	0.988	NO	2558	96.1	2.40	
189	1... 13C-PCB-123	7.34e5	1.59	NO	0.933	3.756	41.52	41.52	1.056	1.056	NO	2464	92.5	1.79	
190	1... 13C-PCB-118	7.25e5	1.59	NO	0.986	3.756	41.71	41.70	1.061	1.061	NO	2304	86.6	1.70	
191	1... 13C-PCB-114	9.35e5	1.57	NO	1.55	3.756	42.37	42.38	0.908	0.908	NO	2498	93.8	1.96	
192	1... 13C-PCB-105	9.13e5	1.57	NO	1.57	3.756	43.26	43.27	0.927	0.927	NO	2397	90.0	1.92	
193	1... 13C-PCB-127	9.49e5	1.57	NO	1.62	3.756	43.62	43.63	0.934	0.935	NO	2413	90.6	1.86	
194	1... 13C-PCB-126	8.49e5	1.61	NO	1.57	3.756	45.58	45.58	0.976	0.976	NO	2238	84.1	1.93	
195	1... 13C-PCB-155	5.16e5	1.29	NO	0.615	3.756	37.05	37.03	0.942	0.942	NO	2628	98.7	0.814	
196	1... 13C-PCB-153	8.09e5	1.23	NO	1.36	3.756	43.43	43.44	0.930	0.931	NO	2450	92.0	2.20	
197	1... 13C-PCB-141	6.49e5	1.28	NO	1.13	3.756	44.20	44.20	0.947	0.947	NO	2378	89.3	2.66	
198	1... 13C-PCB-138	6.75e5	1.29	NO	1.18	3.756	45.06	45.07	0.965	0.965	NO	2354	88.4	2.53	
199	1... 13C-PCB-159	8.02e5	1.26	NO	1.44	3.756	46.39	46.40	0.994	0.994	NO	2302	86.5	2.09	
200	2... 13C-PCB-167	7.90e5	1.25	NO	1.44	3.756	47.10	47.10	1.009	1.009	NO	2265	85.1	2.09	
201	2... 13C-PCB-156	7.58e5	1.27	NO	1.40	3.756	48.45	48.42	1.038	1.037	NO	2241	84.2	2.15	

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-7.qld

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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

#	Name	Resp	RA	nt	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
202	2... 13C-PCB-157	7.69e5	1.29	NO	1.40	3.756	48.71	48.71	1.043	1.043	NO	2273	85.4	2.15	
203	2... 13C-PCB-169	6.70e5	1.25	NO	1.33	3.756	50.99	50.98	1.092	1.092	NO	2079	78.1	2.26	
204	2... 13C-PCB-188	6.66e5	0.46	NO	1.41	3.756	43.05	43.04	0.926	0.926	NO	2394	89.9	1.52	
205	2... 13C-PCB-180	4.21e5	0.45	NO	0.929	3.756	49.75	49.75	1.070	1.070	NO	2293	86.1	2.30	
208	2... 13C-PCB-170	3.52e5	0.44	NO	0.794	3.756	51.43	51.42	1.106	1.106	NO	2247	84.4	2.69	
207	2... 13C-PCB-189	3.89e5	0.45	NO	1.04	3.756	53.13	53.14	1.143	1.143	NO	1887	70.9	2.05	
208	2... 13C-PCB-202	5.08e5	0.95	NO	1.04	3.756	48.65	48.65	1.046	1.046	NO	2481	93.2	1.56	
209	2... 13C-PCB-194	4.12e5	0.89	NO	0.768	3.756	54.76	54.74	0.995	0.995	NO	2531	95.1	4.65	
210	2... 13C-PCB-208	5.46e5	0.79	NO	0.991	3.756	53.99	53.98	0.981	0.981	NO	2600	97.7	3.14	
211	2... 13C-PCB-206	3.00e5	0.79	NO	0.552	3.756	56.28	56.28	1.023	1.023	NO	2564	96.3	5.63	
212	2... 13C-PCB-209	2.42e5	1.21	NO	0.396	3.756	57.54	57.51	1.046	1.045	NO	2883	108	1.89	
213	2... 13C-PCB-15	2.03e6	1.58	NO	1.00	3.756	25.53	25.57	1.000	0.000	NO	2662	100	0.702	
214	2... 13C-PCB-31	1.72e6	1.01	NO	1.00	3.756	28.66	28.72	1.000	0.000	NO	2662	100	9.62	
215	2... 13C-PCB-60	1.27e6	0.76	NO	1.00	3.756	36.68	36.74	1.000	0.000	NO	2662	100	1.89	
216	2... 13C-PCB-111	8.50e5	1.60	NO	1.00	3.756	39.25	39.32	1.000	0.000	NO	2662	100	1.67	
217	2... 13C-PCB-128	6.45e5	1.25	NO	1.00	3.756	46.60	46.68	1.000	0.000	NO	2662	100	3.00	
218	2... 13C-PCB-182	5.26e5	0.45	NO	1.00	3.756	46.43	46.49	0.000	0.000	NO	2662	100	2.14	
219	2... 13C-PCB-205	5.64e5	0.92	NO	1.00	3.756	54.96	55.02	1.000	0.000	NO	2662	100	3.57	
220	2... 13C-PCB-79	1.25e6	0.78	NO	1.07	3.756	37.84	37.83	1.030	1.030	NO	2453	92.2	1.77	
221	2... 13C-PCB-178	4.50e5	0.45	NO	0.766	3.756	45.95	45.94	0.988	0.988	NO	2423	91.0	2.34	
222	2... 13C-PCB-79	1.25e6	0.78	NO	1.08	3.756	37.84	37.83	0.968	0.968	NO	2759	104	1.98	
223	2... 13C-PCB-178	4.50e5	0.45	NO	1.05	3.756	45.92	45.94	0.923	0.923	NO	2709	102	2.67	
224	2... Total Mono-PCBs				1.17	3.756	0.00		0.000		NO	96.05		1.17	96.05
225	2... Total Di-PCBs				1.05	3.756	0.00		0.000		NO	1088		10.3	1088
226	2... 2nd Function Tri-PCBs				1.08	3.756	0.00		0.000		NO	2604		4.37	2604
227	2... 3rd Function Tri-PCBs				0.983	3.756	0.00		0.000		NO	7384		14.0	7387
228	2... Total Tetra-PCBs				1.08	3.756	0.00		0.000		NO	23660		25.2	23690
229	2... 3rd Function Penta-PCBs				1.32	3.756	0.00		0.000		NO	28300		17.9	28300
230	2... 4th Function Penta-PCBs				1.07	3.756	0.00		0.000		NO	1239		6.70	1239
231	2... 3rd Function Hexa-PCBs				0.951	3.756	0.00		0.000		NO	11650		6.76	11660
232	2... 4th Function Hexa-PCBs				1.03	3.756	0.00		0.000		NO	23950		46.0	23960
233	2... Total Hepta-PCBs				1.36	3.756	0.00		0.000		NO	25350		38.2	25350
234	2... 4th Function Octa-PCBs				1.00	3.756	0.00		0.000		NO	4057		11.6	4057
235	2... 5th Function Octa-PCBs				1.15	3.756	0.00		0.000		NO	2299		13.3	2299

Handwritten notes and corrections in the right margin of the table:  
 - Next to row 226: >9988 -  
 - Next to row 227: >9991 -  
 - Next to row 229: >29539 -  
 - Next to row 231: >35600 -  
 - Next to row 233: >35620 -  
 - Next to row 235: >6356 -

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#	Name	Resp	RA	Qty	RRF	wVol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
236	2... Total Nona-PCBs				0.952	3.756	0.00		0.000		NO	3640		14.8	3640
237	2... Deca-CB				0.986	3.756	0.00		0.000		NO	11910		1.54	11910
238	2... Total PCBs														

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Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07

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

ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

**Total Mono-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-1	15.57	15.57	3.397e5	1.095e5	2.090e4	6.614e3	3.16	NO	2.751e4	44.124	44.124	0.381
2	PCB-2	17.98	17.97	9.848e4	3.124e4	6.801e3	2.223e3	3.06	NO	9.025e3	13.821	13.821	0.390
3	PCB-3	18.21	18.21	2.786e5	8.778e4	1.848e4	5.670e3	3.26	NO	2.415e4	38.100	38.100	0.402

**Total Di-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-4/10	19.63	19.57	4.819e5	3.012e5	3.174e4	2.080e4	1.53	NO	5.255e4	111.76	111.76	1.61
2	PCB-7/9	21.44	21.42	1.719e5	1.059e5	1.660e4	1.098e4	1.51	NO	2.758e4	45.383	45.383	1.30
3	PCB-6	22.09	22.09	5.105e5	3.189e5	3.527e4	2.179e4	1.62	NO	5.706e4	88.074	88.074	1.22
4	PCB-5/8	22.50	22.49	2.492e6	1.555e6	1.730e5	1.093e5	1.58	NO	2.823e5	449.45	449.45	1.25
5	PCB-11	24.87	24.88	2.264e5	1.438e5	1.676e4	1.103e4	1.52	NO	2.778e4	38.432	38.432	1.15
6	PCB-12/13	25.31	25.25	2.824e5	1.676e5	2.149e4	1.393e4	1.54	NO	3.542e4	53.757	53.757	1.26
7	PCB-15	25.62	25.59	1.713e6	1.088e6	1.234e5	7.630e4	1.62	NO	1.997e5	300.72	300.72	1.25

**2nd Function Tri-PCBs**

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-19	23.83	23.82	1.735e5	1.832e5	1.313e4	1.311e4	1.00	NO	2.624e4	72.293	72.293	0.882
2	PCB-18	25.50	25.52	3.568e6	3.519e6	2.419e5	2.387e5	1.01	NO	4.806e5	1193.6	1193.6	0.793
3	PCB-17	25.67	25.69	1.553e6	1.523e6	1.074e5	1.067e5	1.01	NO	2.141e5	573.36	573.36	0.855
4	PCB-24/27	26.29	26.26	2.652e5	2.512e5	1.945e4	1.881e4	1.03	NO	3.826e4	71.799	71.799	0.599
5	PCB-16/32	26.82	26.82	1.418e6	1.388e6	1.588e5	1.570e5	1.01	NO	3.158e5	692.97	692.97	0.701

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3rd Function Tri-PCBs

	Name	Pred R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc	EMPC	DL
1	PCB-34	27.62	27.64	1.032e5	1.013e5	8.587e3	8.397e3	1.02	NO	1.698e4	33.781	33.781	1.01
2	PCB-23	27.71	27.71	9.414e3	9.846e3	4.041e2	4.230e2	0.96	NO	8.271e2	1.7616	1.7616	1.08
3	PCB-29	27.97	27.99	2.896e4	2.852e4	2.329e3	2.277e3	1.02	NO	4.606e3	9.7013	9.7013	1.07
4	PCB-26	28.20	28.19	1.172e6	1.143e6	9.440e4	9.240e4	1.02	NO	1.868e5	372.17	372.17	1.01
5	PCB-25	28.35	28.36	6.764e5	6.488e5	5.429e4	5.179e4	1.05	NO	1.061e5	210.02	210.02	1.01
6	PCB-31	28.72	28.73	7.169e6	6.782e6	5.996e5	5.774e5	1.04	NO	1.177e6	2136.0	2136.0	0.923
7	PCB-28	28.83	28.84	7.768e6	7.401e6	6.174e5	5.883e5	1.05	NO	1.206e6	2212.1	2212.1	0.933
8	PCB-20/21/33	29.47	29.50	3.376e6	3.263e6	2.914e5	2.811e5	1.04	NO	5.725e5	1143.8	1143.8	1.02
9	PCB-22	29.91	29.92	2.077e6	2.000e6	1.691e5	1.626e5	1.04	NO	3.317e5	641.19	641.19	0.984
10	PCB-36	30.57	30.58	1.143e4	1.355e4	9.670e2	1.169e3	0.83	YES	2.136e3	0.00000	3.2895	0.951
11	PCB-39	31.05	31.06	6.005e4	5.679e4	4.828e3	4.515e3	1.07	NO	9.343e3	17.640	17.640	1.04
12	PCB-38	31.86	31.86	6.830e4	6.488e4	6.286e3	5.938e3	1.06	NO	1.222e4	21.684	21.684	0.973
13	PCB-35	32.40	32.38	1.071e5	1.061e5	8.946e3	8.739e3	1.02	NO	1.768e4	31.618	31.618	0.980
14	PCB-37	32.85	32.85	1.800e6	1.740e6	1.515e5	1.470e5	1.03	NO	2.985e5	552.04	552.04	1.01



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ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

Total Tetra-PCBs

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1 PCB-54	27.67	27.67	1.254e4	1.165e4	9.972e2	9.444e2	1.06	YES	1.942e3	0.00000	3.7725	0.677
2 PCB-50	28.87	28.88	1.676e4	2.217e4	1.426e3	1.683e3	0.85	NO	3.109e3	8.6145	8.6145	0.831
3 PCB-53	29.56	29.55	5.846e5	7.992e5	4.645e4	6.291e4	0.74	NO	1.094e5	322.00	322.00	0.939
4 PCB-51	29.91	29.91	2.136e5	2.774e5	1.721e4	2.283e4	0.75	NO	4.003e4	110.30	110.30	0.878
5 PCB-45	30.36	30.35	5.280e5	6.956e5	4.289e4	5.745e4	0.75	NO	1.003e5	343.05	343.05	1.09
6 PCB-46	30.85	30.85	2.209e5	2.950e5	1.774e4	2.396e4	0.74	NO	4.169e4	147.29	147.29	1.13
7 PCB-52/69	31.36	31.34	6.234e6	8.258e6	5.278e5	7.027e5	0.75	NO	1.231e6	3095.9	3095.9	0.802
8 PCB-73	31.47	31.45	1.840e4	2.176e4	7.109e2	8.809e2	0.81	NO	1.592e3	3.2372	3.2372	0.648
9 PCB-43/49	31.65	31.66	4.219e6	5.448e6	3.622e5	4.748e5	0.76	NO	8.370e5	2417.4	2417.4	0.921
10 PCB-47	31.86	31.86	1.571e6	2.078e6	1.409e5	1.877e5	0.75	NO	3.286e5	975.65	975.65	0.945
11 PCB-48/75	31.97	31.97	1.049e6	1.383e6	8.083e4	1.054e5	0.77	NO	1.862e5	454.98	454.98	0.778
12 PCB-44	32.68	32.68	3.799e6	4.922e6	3.065e5	4.015e5	0.76	NO	7.079e5	2351.3	2351.3	1.06
13 PCB-42/59	32.90	32.90	1.476e6	1.936e6	1.241e5	1.612e5	0.77	NO	2.853e5	743.94	743.94	0.830
14 PCB-41/64/71/72	33.53	33.52	4.366e6	5.781e6	3.823e5	5.110e5	0.75	NO	8.933e5	2059.3	2059.3	0.734
15 PCB-68	33.78	33.78	1.441e5	2.002e5	1.210e4	1.685e4	0.72	NO	2.895e4	62.013	62.013	0.682
16 PCB-40	34.01	34.00	5.654e5	7.473e5	4.514e4	5.914e4	0.76	NO	1.043e5	474.15	474.15	1.45
17 PCB-57	34.38	34.37	4.620e4	5.784e4	3.881e3	5.056e3	0.77	NO	8.937e3	18.259	18.259	0.656
18 PCB-67	34.69	34.69	1.869e5	2.600e5	1.611e4	2.159e4	0.75	NO	3.770e4	82.626	82.626	0.704
19 PCB-58	34.80	34.82	5.930e4	6.770e4	4.889e3	5.519e3	0.89	YES	1.041e4	0.00000	19.276	0.634
20 PCB-63	34.97	34.97	2.959e5	3.877e5	2.454e4	3.144e4	0.78	NO	5.599e4	124.10	124.10	0.712
21 PCB-74	35.27	35.26	3.432e6	4.523e6	2.834e5	3.709e5	0.76	NO	6.543e5	1311.8	1311.8	0.644
22 PCB-61/70	35.49	35.49	8.854e6	1.166e7	7.306e5	9.684e5	0.75	NO	1.699e6	3829.4	3829.4	0.724
23 PCB-76/66	35.68	35.69	7.003e6	9.275e6	5.840e5	7.677e5	0.76	NO	1.352e6	2758.2	2758.2	0.655
24 PCB-80	35.92	35.88	1.624e4	2.723e4	1.208e3	1.768e3	0.68	NO	2.976e3	5.6501	5.6501	0.599
25 PCB-55	36.26	36.21	5.838e4	7.357e4	5.921e3	7.655e3	0.77	NO	1.358e4	26.168	26.168	0.608
26 PCB-56/60	36.76	36.75	3.588e6	4.823e6	3.065e5	4.116e5	0.74	NO	7.182e5	1589.7	1589.7	0.699
27 PCB-79	37.86	37.87	1.653e5	2.192e5	1.494e4	1.897e4	0.79	NO	3.391e4	67.113	67.113	0.625
28 PCB-78	38.58	38.52	2.779e4	3.453e4	2.551e3	3.274e3	0.78	NO	5.825e3	12.277	12.277	0.674
29 PCB-81	39.12	39.17	1.077e5	1.464e5	4.789e3	6.579e3	0.73	NO	1.137e4	26.022	26.022	0.732
30 PCB-77	39.73	39.73	5.163e5	6.838e5	4.880e4	6.260e4	0.78	NO	1.114e5	243.79	243.79	0.711

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3rd Function Penta-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-96	33.83	33.83	8.051e4	5.225e4	6.588e3	4.418e3	1.49	NO	1.101e4	31.784	31.784	0.532
2	PCB-103	34.38	34.39	2.747e5	1.885e5	2.259e4	1.554e4	1.45	NO	3.812e4	135.63	135.63	0.655
3	PCB-100	34.75	34.74	1.111e5	7.500e4	9.540e3	6.198e3	1.54	NO	1.574e4	54.989	54.989	0.644
4	PCB-94	35.25	35.23	3.792e4	2.091e4	2.957e3	1.715e3	1.72	NO	4.672e3	20.450	20.450	0.800
5	PCB-95/98/102	35.73	35.79	7.818e6	5.047e6	6.695e5	4.325e5	1.55	NO	1.102e6	3800.4	3800.4	0.631
6	PCB-88/91	36.20	36.21	1.280e6	8.207e5	1.106e5	7.133e4	1.55	NO	1.819e5	709.60	709.60	0.713
7	PCB-84/92	37.15	37.14	4.469e6	2.835e6	3.693e5	2.342e5	1.58	NO	6.035e5	2659.3	2659.3	0.821
8	PCB-89	37.33	37.33	9.196e4	6.303e4	7.202e3	4.890e3	1.47	NO	1.209e4	49.071	49.071	0.756
9	PCB-90/101	37.54	37.54	1.094e7	7.092e6	9.472e5	6.129e5	1.55	NO	1.560e6	6232.1	6232.1	0.744
10	PCB-113	37.78	37.76	9.290e4	6.337e4	2.339e3	1.692e3	1.38	NO	4.031e3	11.939	11.939	0.552
11	PCB-99	37.87	37.87	4.829e6	3.194e6	4.139e5	2.681e5	1.54	NO	6.820e5	2315.2	2315.2	0.633
12	PCB-119	38.35	38.35	4.580e5	3.008e5	3.830e4	2.505e4	1.53	NO	6.334e4	164.22	164.22	0.485
13	PCB-108/112	38.51	38.52	4.242e5	2.760e5	3.525e4	2.247e4	1.57	NO	5.772e4	186.96	186.96	0.606
14	PCB-97	38.88	38.88	2.274e6	1.413e6	1.967e5	1.231e5	1.60	NO	3.198e5	1167.5	1167.5	0.683
15	PCB-86	39.04	39.08	1.215e5	7.860e4	3.467e3	2.348e3	1.48	NO	5.815e3	24.361	24.361	0.784
16	PCB-87/117/125	39.17	39.17	2.992e6	1.871e6	2.496e5	1.568e5	1.59	NO	4.064e5	1220.2	1220.2	0.562
17	PCB-111/115	39.33	39.36	1.939e5	1.220e5	1.340e4	8.524e3	1.57	NO	2.192e4	53.704	53.704	0.458
18	PCB-85/116	39.46	39.43	1.147e6	7.204e5	9.928e4	6.215e4	1.60	NO	1.614e5	535.53	535.53	0.621
19	PCB-120	39.72	39.73	1.847e5	1.263e5	1.305e4	8.142e3	1.60	NO	2.119e4	49.464	49.464	0.437
20	PCB-110	39.87	39.86	1.198e7	7.591e6	1.008e6	6.435e5	1.57	NO	1.652e6	4435.4	4435.4	0.503
21	PCB-82	40.52	40.49	6.684e5	4.486e5	5.623e4	3.714e4	1.51	NO	9.336e4	433.52	433.52	0.885
22	PCB-124	41.23	41.20	3.087e5	2.011e5	3.353e4	2.180e4	1.54	NO	5.533e4	143.71	143.71	0.495
23	PCB-107/109	41.37	41.37	8.318e5	5.329e5	7.704e4	4.907e4	1.57	NO	1.261e5	340.95	340.95	0.515
24	PCB-123	41.54	41.54	1.113e5	7.271e4	8.086e3	5.205e3	1.55	NO	1.329e4	40.250	40.250	0.577
25	PCB-106/118	41.74	41.72	7.847e6	5.067e6	7.044e5	4.512e5	1.56	NO	1.156e6	3479.1	3479.1	0.572

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4th Function Penta-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-114	42.40	42.40	1.693e5	1.083e5	1.556e4	9.970e3	1.56	NO	2.553e4	63.686	63.686	1.22
2	PCB-122	42.55	42.55	9.354e4	6.600e4	8.918e3	5.949e3	1.50	NO	1.487e4	44.817	44.817	1.47
3	PCB-105	43.29	43.29	2.811e6	1.757e6	2.459e5	1.547e5	1.59	NO	4.007e5	1112.5	1112.5	1.36
4	PCB-126	45.60	45.60	4.675e4	3.045e4	4.087e3	2.754e3	1.48	NO	6.841e3	18.293	18.293	1.32

3rd Function Hexa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-155	37.05	37.07	3.501e3	3.729e3	2.490e2	2.668e2	0.93	YES	5.158e2	0.00000	2.2253	0.464
2	PCB-150	38.37	38.37	5.277e4	4.133e4	4.585e3	3.549e3	1.29	NO	8.134e3	38.765	38.765	0.447
3	PCB-152	38.86	38.84	5.556e3	3.162e3	4.638e2	3.082e2	1.50	YES	7.720e2	0.00000	3.0045	0.408
4	PCB-145	39.33	39.28	2.086e3	3.474e3	2.102e2	2.060e2	1.02	YES	4.163e2	0.00000	1.6499	0.408
5	PCB-136	39.66	39.66	1.641e6	1.259e6	1.414e5	1.088e5	1.30	NO	2.502e5	1265.7	1265.7	0.474
6	PCB-148	39.77	39.77	1.094e5	9.305e4	6.292e3	5.271e3	1.19	NO	1.156e4	70.939	70.939	0.576
7	PCB-154	40.27	40.27	3.553e5	2.881e5	3.128e4	2.455e4	1.27	NO	5.583e4	313.68	313.68	0.527
8	PCB-151	40.94	40.94	2.222e6	1.739e6	1.868e5	1.450e5	1.29	NO	3.319e5	2178.5	2178.5	0.616
9	PCB-135	41.17	41.16	1.336e6	1.032e6	1.142e5	8.725e4	1.31	NO	2.015e5	1127.9	1127.9	0.525
10	PCB-144	41.28	41.28	4.297e5	3.248e5	3.588e4	2.750e4	1.30	NO	6.338e4	414.80	414.80	0.614
11	PCB-147	41.41	41.41	1.110e5	9.557e4	9.077e3	7.704e3	1.18	NO	1.678e4	103.83	103.83	0.580
12	PCB-139/149	41.68	41.67	7.367e6	5.780e6	6.232e5	4.854e5	1.28	NO	1.109e6	6039.1	6039.1	0.511
13	PCB-140	41.88	41.87	9.638e4	8.109e4	7.929e3	6.910e3	1.15	NO	1.484e4	96.544	96.544	0.610

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4th Function Hexa-PCBs

	Name	Pred.R	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	ny	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.35	42.34	5.062e5	4.139e5	4.457e4	3.639e4	1.22	NO	8.096e4	350.86	350.86	2.80
2	PCB-131/133	42.65	42.63	6.090e5	4.806e5	5.296e4	4.153e4	1.28	NO	9.449e4	378.66	378.66	2.59
3	PCB-142	42.80	42.78	2.194e4	1.484e4	1.737e3	1.191e3	1.46	YES	2.927e3	0.00000	11.631	2.82
4	PCB-146/165	43.04	43.04	3.631e6	3.000e6	3.109e5	2.563e5	1.21	NO	5.672e5	1835.2	1835.2	2.09
5	PCB-132/161	43.27	43.31	3.824e6	3.147e6	3.250e5	2.677e5	1.21	NO	5.927e5	1903.4	1903.4	2.08
6	PCB-153	43.46	43.46	1.646e7	1.329e7	1.426e6	1.154e6	1.24	NO	2.581e6	7928.3	7928.3	1.99
7	PCB-168	43.69	43.69	2.823e4	2.244e4	2.713e3	2.098e3	1.29	NO	4.811e3	14.689	14.689	1.98
8	PCB-141	44.22	44.22	2.566e6	2.043e6	2.202e5	1.756e5	1.25	NO	3.957e5	1580.5	1580.5	2.55
9	PCB-137	44.62	44.62	2.994e5	2.408e5	2.374e4	1.911e4	1.24	NO	4.284e4	158.20	158.20	2.36
10	PCB-130	44.72	44.73	6.341e5	5.153e5	5.660e4	4.618e4	1.23	NO	1.028e5	475.97	475.97	2.96
11	PCB-138/163/164	45.11	45.11	1.250e7	9.987e6	1.264e6	1.021e6	1.24	NO	2.285e6	7020.4	7020.4	1.98
12	PCB-158/160	45.35	45.33	1.155e6	9.199e5	9.817e4	7.864e4	1.25	NO	1.768e5	562.19	562.19	2.05
13	PCB-129	45.62	45.60	2.565e5	2.048e5	2.219e4	1.780e4	1.25	NO	3.999e4	181.94	181.94	2.94
14	PCB-166	46.08	46.07	3.704e4	2.890e4	2.924e3	2.328e3	1.26	NO	5.252e3	15.250	15.250	1.96
15	PCB-128/162	46.70	46.70	1.260e6	1.027e6	1.109e5	9.097e4	1.22	NO	2.019e5	738.27	738.27	2.47
16	PCB-167	47.12	47.13	3.946e5	3.246e5	3.527e4	2.915e4	1.21	NO	6.442e4	195.94	195.94	2.02
17	PCB-156	48.44	48.46	1.061e6	8.516e5	9.493e4	7.805e4	1.22	NO	1.730e5	539.73	539.73	2.07
18	PCB-157	48.75	48.73	1.359e5	1.053e5	1.232e4	9.419e3	1.31	NO	2.174e4	72.507	72.507	2.14

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Total Hepta-PCBs

	Name	Pred R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-188	43.08	43.08	2.004e4	1.915e4	1.966e3	1.655e3	1.19	NO	3.621e3	11.219	11.219	1.08
2	PCB-184	43.53	43.53	8.032e3	7.484e3	7.127e2	6.410e2	1.11	NO	1.354e3	4.3911	4.3911	1.13
3	PCB-179	44.33	44.33	2.628e6	2.529e6	2.266e5	2.168e5	1.05	NO	4.434e5	1364.7	1364.7	1.08
4	PCB-176	44.80	44.82	7.665e5	7.413e5	6.667e4	6.521e4	1.02	NO	1.319e5	402.64	402.64	1.07
5	PCB-186	45.45	45.45	1.209e4	1.368e4	1.196e3	1.322e3	0.91	NO	2.518e3	7.5698	7.5698	1.05
6	PCB-178	45.96	45.96	9.628e5	9.456e5	8.369e4	8.104e4	1.03	NO	1.647e5	697.71	697.71	1.48
7	PCB-175	46.30	46.32	1.704e5	1.745e5	1.430e4	1.427e4	1.00	NO	2.857e4	119.38	119.38	1.46
8	PCB-182/187	46.48	46.47	5.752e6	5.574e6	5.032e5	4.835e5	1.04	NO	9.867e5	3697.4	3697.4	1.31
9	PCB-183	46.82	46.83	2.439e6	2.331e6	2.158e5	2.104e5	1.03	NO	4.263e5	1665.0	1665.0	1.37
10	PCB-185	47.50	47.49	5.249e5	5.073e5	4.505e4	4.354e4	1.03	NO	8.859e4	398.99	398.99	1.62
11	PCB-174	47.88	47.87	3.784e6	3.720e6	3.419e5	3.350e5	1.02	NO	6.769e5	3165.5	3165.5	1.68
12	PCB-181	47.97	47.97	4.673e5	4.673e5	2.527e4	2.448e4	1.03	NO	4.975e4	213.60	213.60	1.54
13	PCB-177	48.15	48.16	2.244e6	2.209e6	1.908e5	1.879e5	1.02	NO	3.787e5	1876.2	1876.2	1.78
14	PCB-171	48.44	48.46	9.894e5	9.510e5	8.595e4	8.202e4	1.05	NO	1.680e5	807.93	807.93	1.73
15	PCB-173	48.90	48.90	9.132e4	7.991e4	7.895e3	7.070e3	1.12	NO	1.496e4	79.616	79.616	1.91
16	PCB-172	49.35	49.37	5.689e5	5.446e5	4.944e4	4.792e4	1.03	NO	9.736e4	448.17	448.17	1.66
17	PCB-180	49.77	49.79	8.579e6	8.201e6	7.493e5	7.211e5	1.04	NO	1.470e6	6593.7	6593.7	1.61
18	PCB-193	49.98	50.00	5.131e5	4.976e5	4.407e4	4.224e4	1.04	NO	8.631e4	325.84	325.84	1.36
19	PCB-191	50.24	50.26	1.534e5	1.489e5	1.392e4	1.306e4	1.07	NO	2.698e4	99.868	99.868	1.33
20	PCB-170	51.44	51.45	2.969e6	2.907e6	2.577e5	2.516e5	1.02	NO	5.094e5	2747.1	2747.1	1.86
21	PCB-190	51.62	51.64	8.277e5	7.914e5	6.703e4	6.385e4	1.05	NO	1.309e5	534.11	534.11	1.41
22	PCB-189	53.16	53.16	1.305e5	1.285e5	9.687e3	9.471e3	1.02	NO	1.916e4	90.228	90.228	1.41

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4th Function Octa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.69	48.67	4.022e5	4.263e5	3.366e4	3.612e4	0.93	NO	6.978e4	313.31	313.31	1.21
2	PCB-201	49.16	49.16	2.688e5	3.083e5	2.369e4	2.665e4	0.89	NO	5.034e4	250.82	250.82	1.34
3	PCB-204	49.32	49.31	1.669e4	1.607e4	1.310e3	1.303e3	1.01	NO	2.613e3	12.016	12.016	1.24
4	PCB-197	49.64	49.64	8.365e4	9.633e4	7.435e3	8.694e3	0.86	NO	1.613e4	74.700	74.700	1.25
5	PCB-200	50.57	50.56	2.517e5	2.696e5	2.193e4	2.334e4	0.94	NO	4.527e4	221.89	221.89	1.32
6	PCB-198	52.14	52.15	1.007e5	1.127e5	5.456e3	6.294e3	0.87	NO	1.175e4	77.642	77.642	1.78
7	PCB-199	52.25	52.25	1.392e6	1.554e6	1.098e5	1.216e5	0.90	NO	2.314e5	1499.9	1499.9	1.75
8	PCB-196/203	52.58	52.55	1.560e6	1.718e6	1.227e5	1.340e5	0.92	NO	2.567e5	1606.5	1606.5	1.69

5th Function Octa-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-195	53.84	53.84	8.873e5	9.878e5	5.566e4	6.284e4	0.89	NO	1.185e5	733.50	733.50	4.85
2	PCB-194	54.76	54.76	2.026e6	2.280e6	1.203e5	1.372e5	0.88	NO	2.574e5	1491.4	1491.4	4.54
3	PCB-205	55.02	55.04	1.074e5	1.218e5	6.493e3	8.184e3	0.79	NO	1.468e4	73.589	73.589	3.93

Total Nona-PCBs

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-208	54.00	54.00	8.274e5	5.887e5	5.189e4	3.709e4	1.40	NO	8.898e4	465.16	465.16	4.08
2	PCB-207	54.32	54.32	3.637e5	2.791e5	2.323e4	1.736e4	1.34	NO	4.059e4	216.08	216.08	4.16
3	PCB-206	56.30	56.29	3.255e6	2.331e6	1.946e5	1.413e5	1.38	NO	3.359e5	2959.1	2959.1	6.55

Deca-CB

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.51	57.52	1.086e7	9.136e6	5.792e5	4.893e5	1.18	NO	1.069e6	11912	11912	1.54

Total PCBs

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

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**Total Mono-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.54	15.56	1.736e7	5.534e6	1.076e6	3.449e5	3.12	NO	1.421e6	2089.9		2.30
2	13C-PCB-3	18.20	18.20	1.683e7	5.193e6	1.119e6	3.504e5	3.19	NO	1.470e6	2120.1		2.26

**Total Di-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-4	19.55	19.55	9.460e6	5.850e6	6.164e5	3.867e5	1.59	NO	1.003e6	2196.7		1.17
2	13C-PCB-9	21.38	21.38	1.521e7	9.684e6	1.034e6	6.510e5	1.59	NO	1.685e6	2283.8		0.724
3	13C-PCB-11	24.83	24.85	1.457e7	9.190e6	1.048e6	6.609e5	1.59	NO	1.709e6	2335.2		0.730
4	13C-PCB-15	25.53	25.57	1.747e7	1.119e7	1.240e6	7.866e5	1.58	NO	2.026e6	2662.4		0.702

**2nd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-19	23.80	23.80	6.126e6	5.829e6	4.500e5	4.234e5	1.06	NO	8.734e5	2300.5		12.8
2	13C-PCB-32	26.79	26.80	9.082e6	8.786e6	6.658e5	6.453e5	1.03	NO	1.311e6	2315.1		8.55

**3rd Function Tri-Isotopes**

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.66	28.72	1.021e7	1.011e7	8.645e5	8.583e5	1.01	NO	1.723e6	2662.4		9.62
2	13C-PCB-28	28.83	28.81	9.213e6	8.820e6	7.215e5	6.942e5	1.04	NO	1.416e6	2055.8		9.04
3	13C-PCB-37	32.81	32.83	8.582e6	8.381e6	7.243e5	7.025e5	1.03	NO	1.427e6	2229.4		9.72

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Dataset: U:\VG11.PRO\Results\200604K1\200604K1-7.qld

Last Altered: Tuesday, June 09, 2020 15:35:28 Pacific Daylight Time

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ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

## Tetra-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.66	27.65	5.989e6	7.752e6	4.774e5	6.151e5	0.78	NO	1.093e6	2300.2		1.89
2	13C-PCB-52	31.31	31.32	4.599e6	6.050e6	3.895e5	5.176e5	0.75	NO	9.071e5	2373.3		2.35
3	13C-PCB-47	31.82	31.84	5.021e6	6.437e6	4.246e5	5.480e5	0.77	NO	9.726e5	2387.0		2.20
4	13C-PCB-70	35.46	35.47	5.723e6	7.459e6	4.881e5	6.325e5	0.77	NO	1.121e6	2367.7		1.90
5	13C-PCB-80	35.89	35.90	6.203e6	7.878e6	5.202e5	6.614e5	0.79	NO	1.182e6	2418.0		1.84
6	13C-PCB-60	36.68	36.74	6.416e6	8.529e6	5.470e5	7.184e5	0.76	NO	1.265e6	2662.4		1.89
7	13C-PCB-79	37.84	37.83	6.419e6	8.188e6	5.444e5	7.021e5	0.78	NO	1.246e6	2453.4		1.77
8	13C-PCB-81	39.10	39.10	5.733e6	7.323e6	4.872e5	6.243e5	0.78	NO	1.111e6	2367.0		1.91
9	13C-PCB-77	39.72	39.71	5.434e6	6.845e6	4.689e5	6.010e5	0.78	NO	1.070e6	2323.9		1.95

## 3rd Function Penta-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-104	32.52	32.51	6.008e6	3.776e6	4.906e5	3.085e5	1.59	NO	7.991e5	2462.0		1.64
2	13C-PCB-95	35.78	35.77	4.859e6	3.035e6	3.938e5	2.472e5	1.59	NO	6.410e5	2493.1		2.08
3	13C-PCB-101	37.53	37.52	4.426e6	2.796e6	3.656e5	2.281e5	1.60	NO	5.937e5	2345.9		2.11
4	13C-PCB-97	38.87	38.86	4.195e6	2.647e6	3.479e5	2.209e5	1.57	NO	5.689e5	2558.3		2.40
5	13C-PCB-111	39.25	39.32	6.005e6	3.776e6	5.231e5	3.271e5	1.60	NO	8.501e5	2662.4		1.67
6	13C-PCB-123	41.52	41.52	5.333e6	3.379e6	4.503e5	2.836e5	1.59	NO	7.339e5	2463.9		1.79
7	13C-PCB-118	41.71	41.70	5.287e6	3.265e6	4.451e5	2.801e5	1.59	NO	7.252e5	2304.5		1.70

## 4th Function Penta-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.37	42.38	6.693e6	4.322e6	5.716e5	3.637e5	1.57	NO	9.353e5	2498.1		1.96
2	13C-PCB-105	43.26	43.27	6.486e6	4.118e6	5.569e5	3.557e5	1.57	NO	9.126e5	2397.4		1.92
3	13C-PCB-127	43.62	43.63	6.562e6	4.138e6	5.796e5	3.696e5	1.57	NO	9.492e5	2413.2		1.86
4	13C-PCB-126	45.58	45.58	6.073e6	3.729e6	5.241e5	3.253e5	1.61	NO	8.494e5	2237.8		1.93



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4th Function Hexa-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.43	43.44	5.128e6	4.174e6	4.465e5	3.630e5	1.23	NO	8.095e5	2450.0		2.20
2	13C-PCB-141	44.20	44.20	4.242e6	3.330e6	3.649e5	2.845e5	1.28	NO	6.494e5	2378.3		2.66
3	13C-PCB-138	45.06	45.07	4.384e6	3.462e6	3.805e5	2.948e5	1.29	NO	6.753e5	2354.4		2.53
4	13C-PCB-159	46.39	46.40	4.930e6	3.907e6	4.472e5	3.550e5	1.26	NO	8.022e5	2302.2		2.09
5	13C-PCB-128	46.60	46.68	4.064e6	3.217e6	3.575e5	2.870e5	1.25	NO	6.445e5	2662.4		3.00
6	13C-PCB-167	47.10	47.10	4.909e6	3.949e6	4.388e5	3.508e5	1.25	NO	7.896e5	2264.9		2.09
7	13C-PCB-156	48.45	48.42	4.737e6	3.797e6	4.235e5	3.344e5	1.27	NO	7.579e5	2241.1		2.15
8	13C-PCB-157	48.71	48.71	5.015e6	3.865e6	4.330e5	3.357e5	1.29	NO	7.687e5	2273.0		2.15
9	13C-PCB-169	50.99	50.98	4.161e6	3.332e6	3.722e5	2.977e5	1.25	NO	6.699e5	2078.9		2.26

5th Function Octa-Isotopes

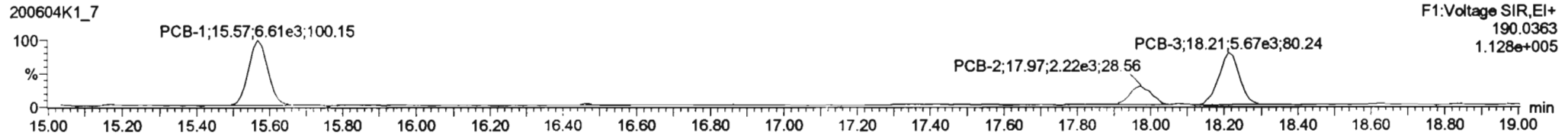
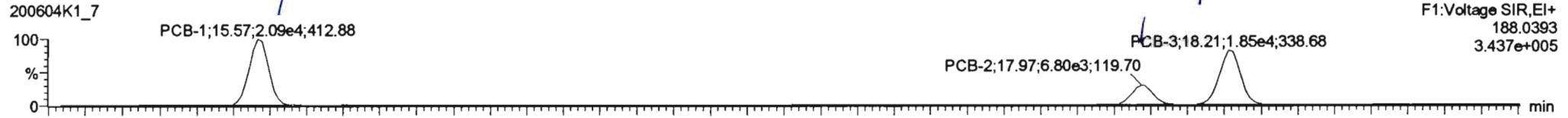
	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.76	54.74	3.251e6	3.656e6	1.942e5	2.176e5	0.89	NO	4.118e5	2530.8		4.65
2	13C-PCB-205	54.96	55.02	4.578e6	4.975e6	2.701e5	2.940e5	0.92	NO	5.641e5	2662.4		3.57

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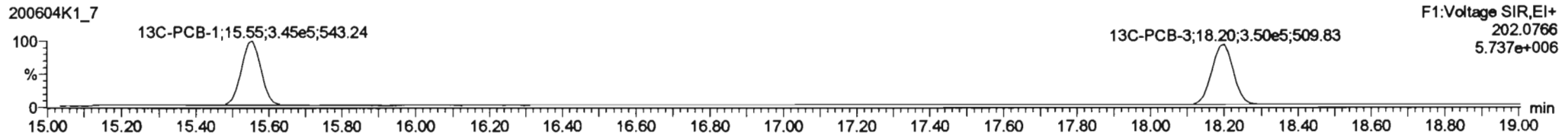
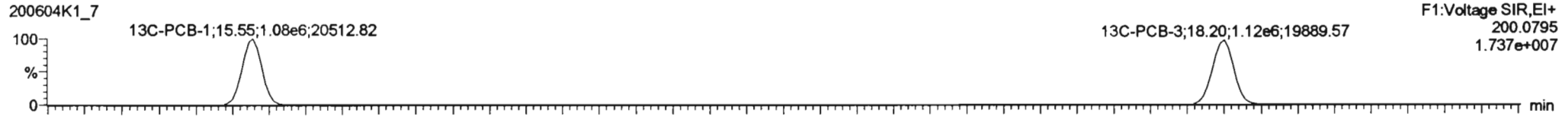
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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

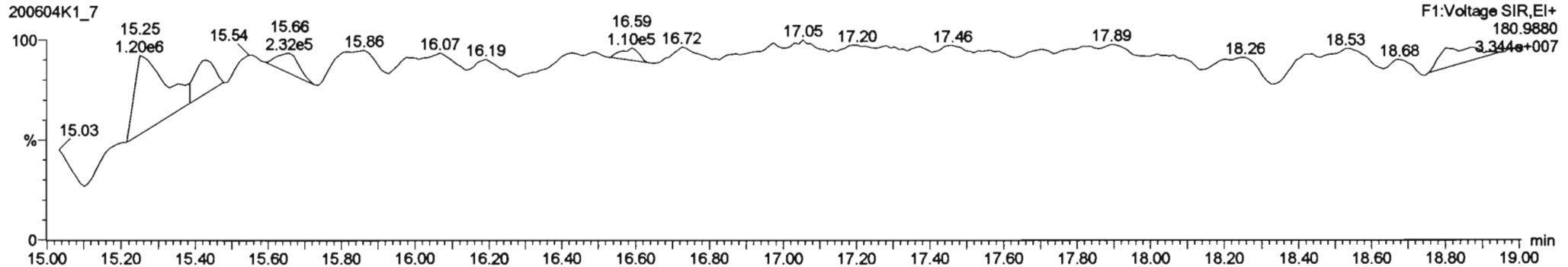
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**13C-PCB-1**



**PFK1**

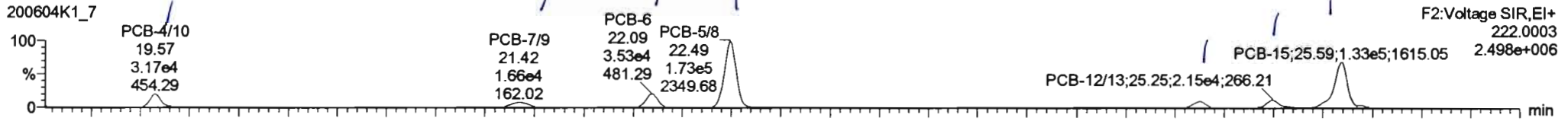


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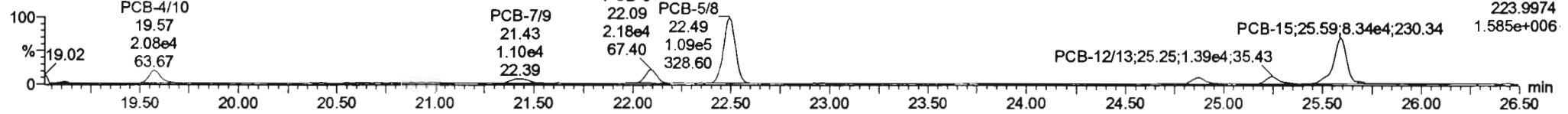
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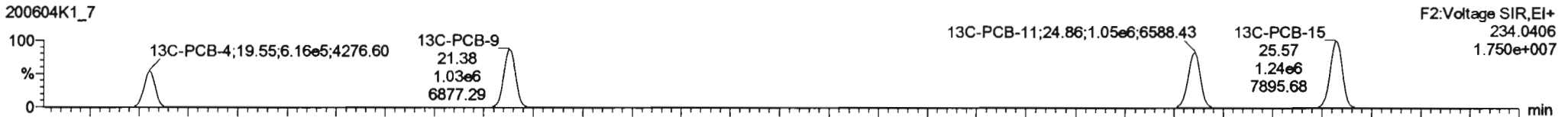
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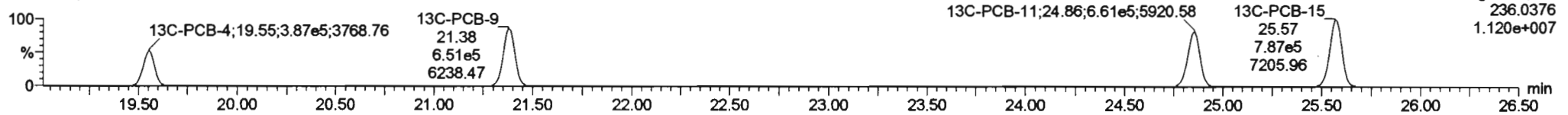
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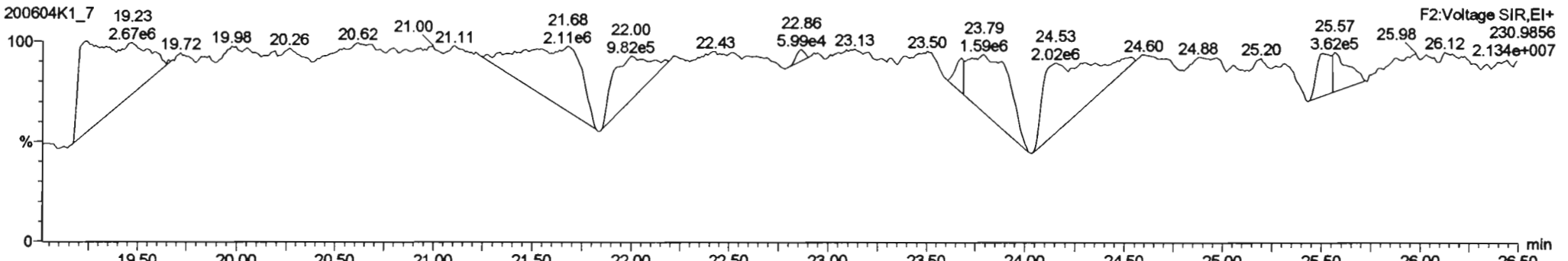
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**13C-PCB-4**

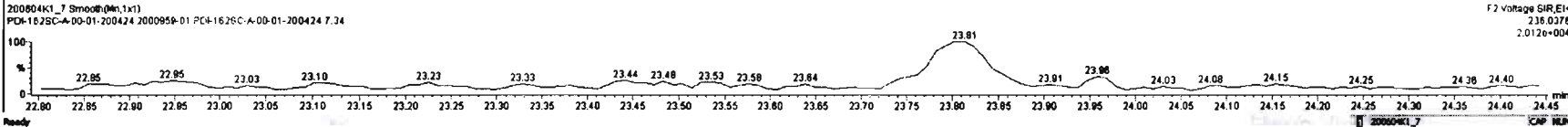
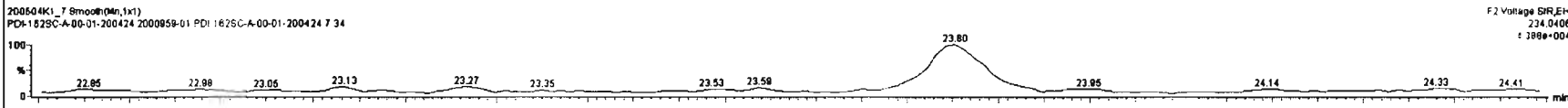
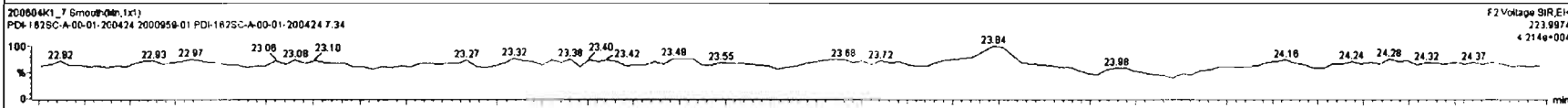
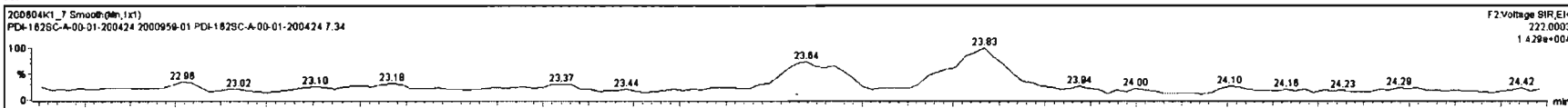


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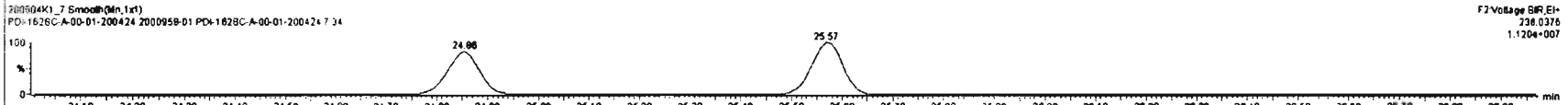
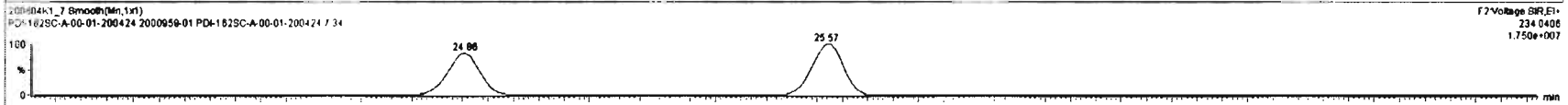
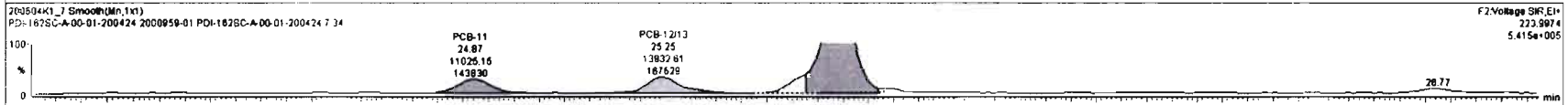
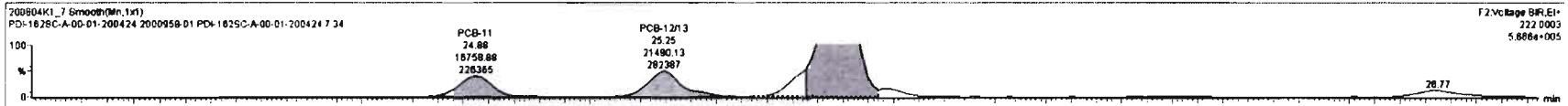
#	Name	Resp	RA	n/y	RRF	wtAve	Prod.RT	RT	Pred.RT	PRT	PRT Fat	Conc.	%Rec	DL	EMPC
225	225 Total DiPCBs				1.0537	3.758	0.00		0.000		NO	1113		18.3	1113
226	226 2nd Function Tri-PCBs				1.0607	3.758	0.00		0.000		NO	2604		4.37	2605
227	227 3rd Function Tri-PCBs				0.9828	3.758	0.00		0.000		NO	7388		14.0	7389
228	228 Total Tetra-PCBs				1.0778	3.758	0.00		0.000		NO	23700		25.2	23730
229	229 3rd Function Penta-PCBs				1.3157	3.758	0.00		0.000		NO	28070		17.9	28070
230	230 4th Function Penta-PCBs				1.0735	3.758	0.00		0.000		NO	1246		6.70	1246
231	231 3rd Function Hexa-PCBs				0.9826	3.758	0.00		0.000		NO	11530		6.78	11640
232	232 4th Function Hexa-PCBs				1.0318	3.758	0.00		0.000		NO	23800		48.0	23820
233	233 Total Hepta-PCBs				1.3551	3.758	0.00		0.000		NO	25200		33.2	25300
234	234 4th Function Octa-PCBs				1.0008	3.758	0.00		0.000		NO	4035		11.8	4047

#	Name	Pred.RT	RT	wt Ratio	MS Resp	1st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-440	19.83	19.57	3.17e-4	2.00e-4	1.580	1.53	NO	111.78	111.78
2	5 PCB-76	21.44	21.42	1.88e-4	1.02e-4	1.580	1.51	NO	45.263	45.263
3	8 PCB-6	22.08	22.08	3.527e-4	2.17e-4	1.580	1.82	NO	88.074	88.074
4	7 PCB-56	22.50	22.48	1.730e-4	1.00e-4	1.580	1.58	NO	448.44	448.45
5	9 PCB-11	24.88	24.88	1.878e-4	1.10e-4	1.580	1.52	NO	38.432	38.432
6	10 PCB-12z13	25.31	25.25	2.148e-4	1.38e-4	1.580	1.54	NO	53.757	53.757
7	11 PCB-15	25.82	25.59	1.336e-4	8.33e-4	1.580	1.80	NO	328.52	328.52



#	Name	Comp	RA	nly	NF	wtAval	PredRT	RT	Pred R	NF	NRT Fail	Conc.	u/Sec	DL	EMPC
226	Total Di-PCBs				1.0007	3.758	0.00		0.000	NO	NO	1089		10.5	1089
226	2nd Function Tri-PCBs				1.0807	3.758	0.00		0.000	NO	NO	2804		4.37	2805
227	3rd Function Tri-PCBs				0.9828	3.758	0.00		0.000	NO	NO	7398		14.0	7399
228	Total Tetra-PCBs				1.0278	3.758	0.00		0.000	NO	NO	23700		28.2	23730
228	3rd Function Penta-PCBs				1.3157	3.758	0.00		0.000	NO	NO	28070		17.8	28070
230	4th Function Penta-PCBs				1.0725	3.758	0.00		0.000	NO	NO	1248		8.70	1248
231	3rd Function Hexa-PCBs				0.9505	3.758	0.00		0.000	NO	NO	11830		8.78	11840
232	4th Function Hexa-PCBs				1.0318	3.758	0.00		0.000	NO	NO	23800		48.0	23820
233	Total Hepta-PCBs				1.3681	3.758	0.00		0.000	NO	NO	28200		33.2	28200
234	4th Function Octa-PCBs				1.0008	3.758	0.00		0.000	NO	NO	4035		11.8	4047

#	Name	PredRT	RT	wt Ratio	nc Ratio	1 <sup>st</sup> Ratio (Pred)	RA	nly	EMPC	Conc.
4	PCB-470	19.83	19.57	3.174e4	2.080e4	1.550	1.53	NO	111.78	111.78
5	PCB-7a	21.44	21.42	1.880e4	1.008e4	1.580	1.51	NO	46.383	46.383
6	PCB-8	22.08	22.08	3.527e4	2.179e4	1.580	1.82	NO	88.074	88.074
7	PCB-5a	22.50	22.48	1.730e5	1.083e5	1.580	1.58	NO	448.46	448.46
9	PCB-11	24.87	24.88	1.878e4	1.103e4	1.580	1.52	NO	38.432	38.432
10	PCB-12n3	25.31	25.25	2.149e4	1.383e4	1.580	1.54	NO	83.757	83.757
11	PCB-15	25.82	25.58	1.234e5	7.830e4	1.580	1.82	NO	300.72	300.72



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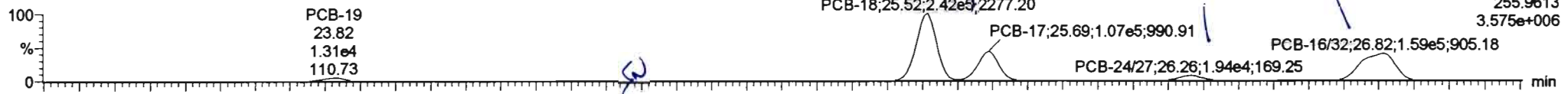
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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

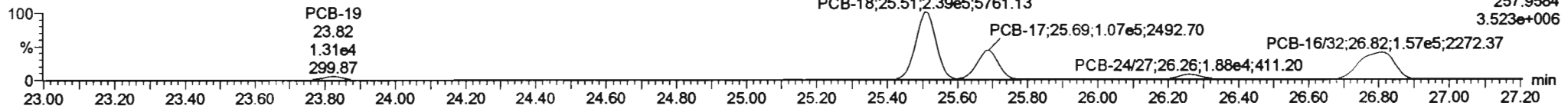
**PCB-19**

200604K1\_7



F2:Voltage SIR,EI+  
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3.575e+006

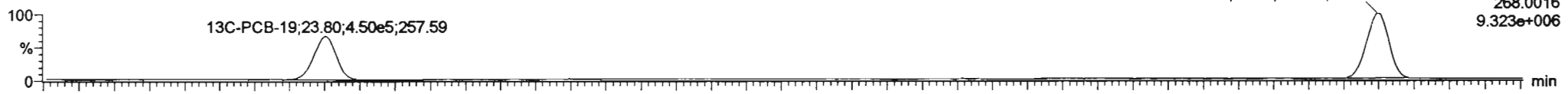
200604K1\_7



F2:Voltage SIR,EI+  
257.9584  
3.523e+006

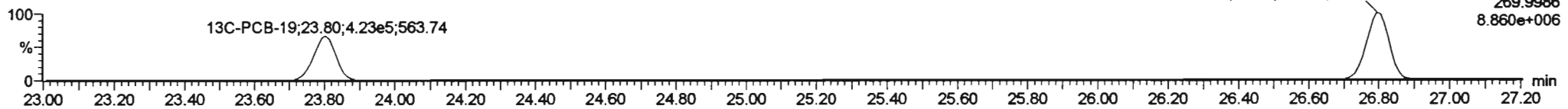
**13C-PCB-19**

200604K1\_7



F2:Voltage SIR,EI+  
268.0016  
9.323e+006

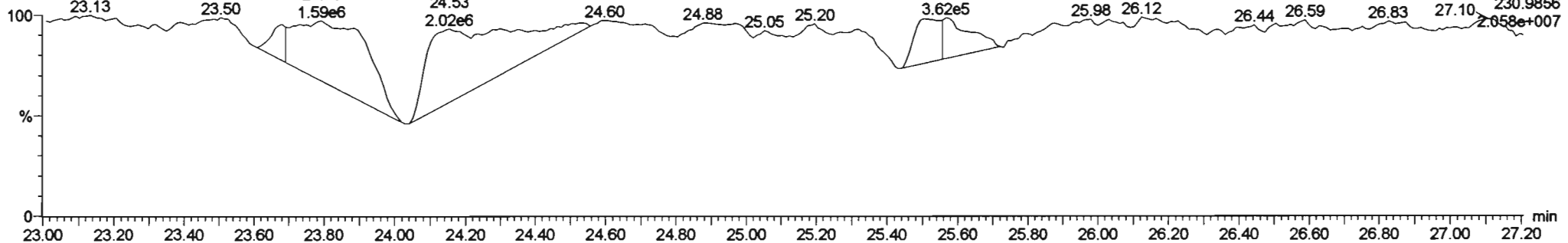
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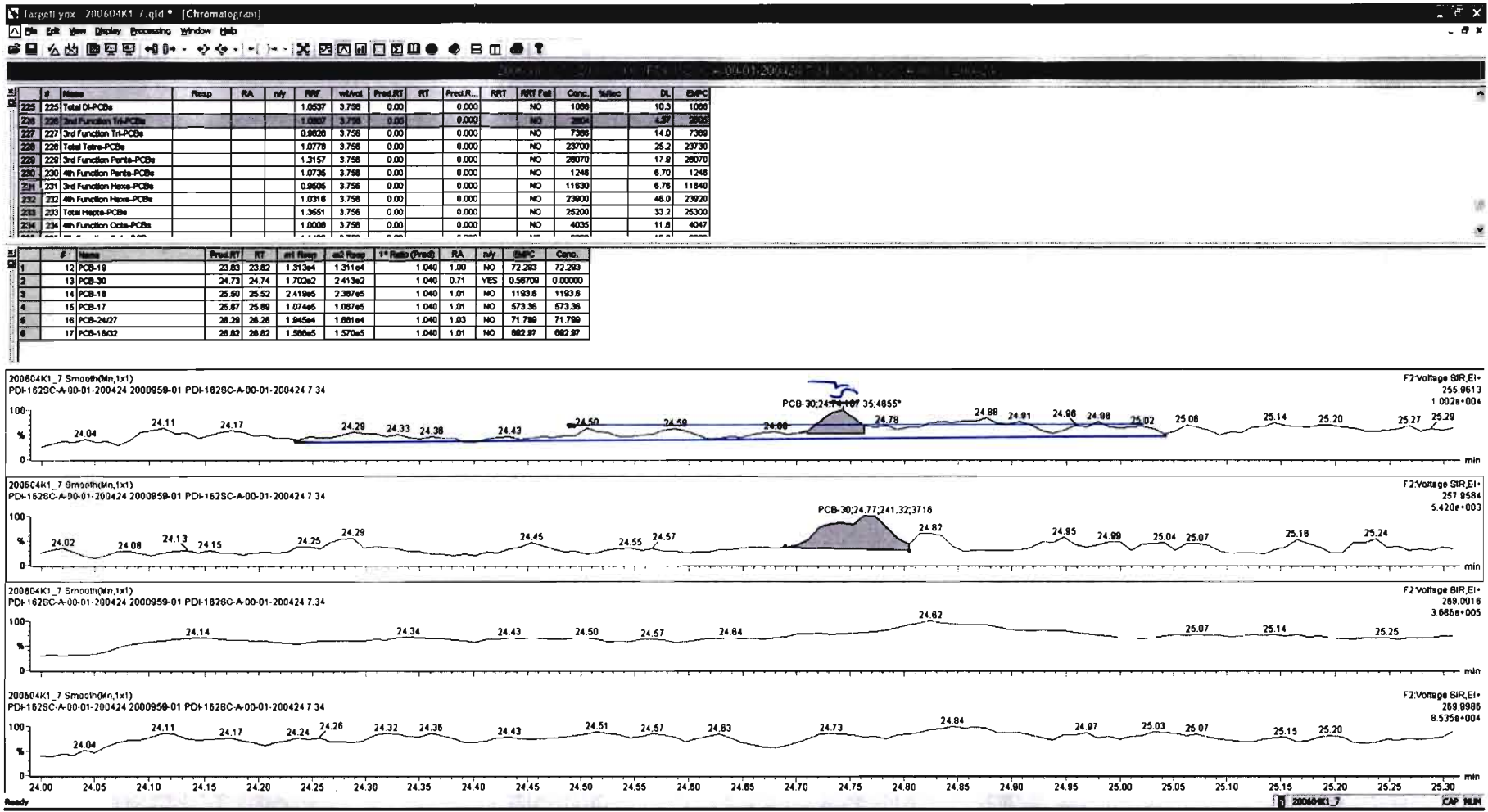
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269.9986  
8.860e+006

**PFK2b**

200604K1\_7



F2:Voltage SIR,EI+  
230.9856  
2.058e+007

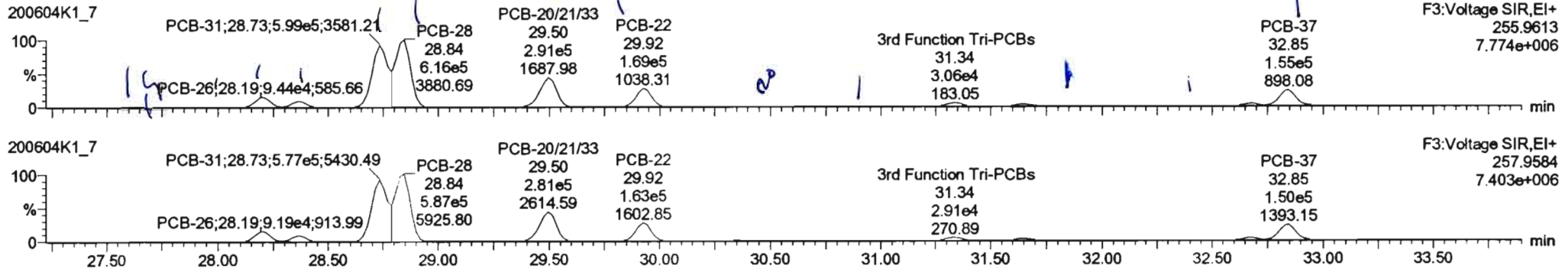


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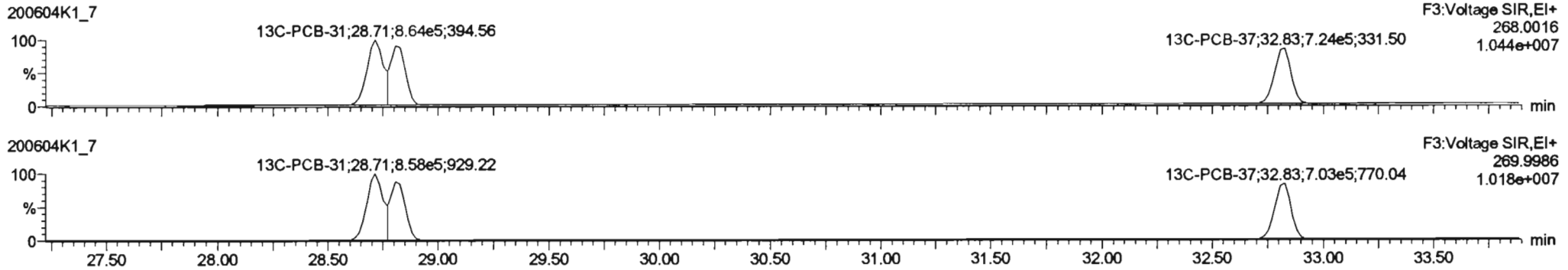
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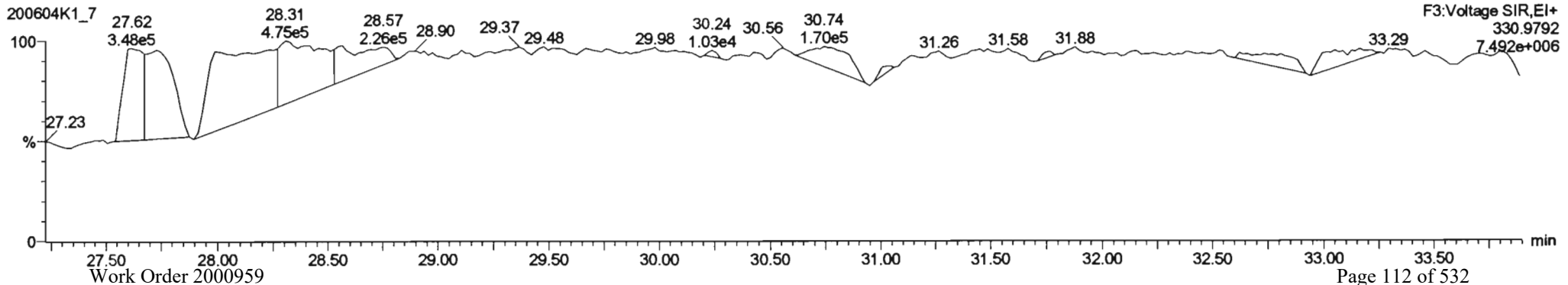
**PCB-34**



**13C-PCB-28**



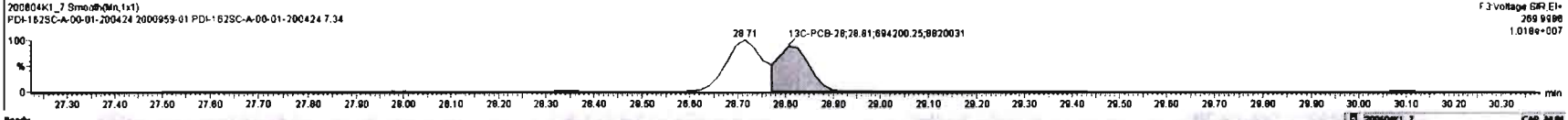
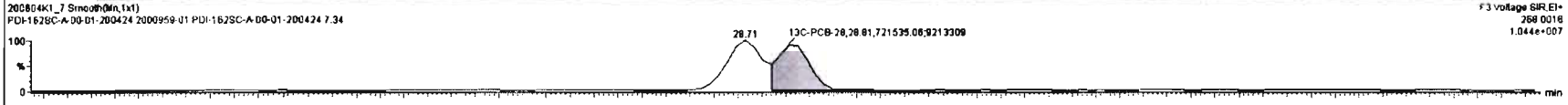
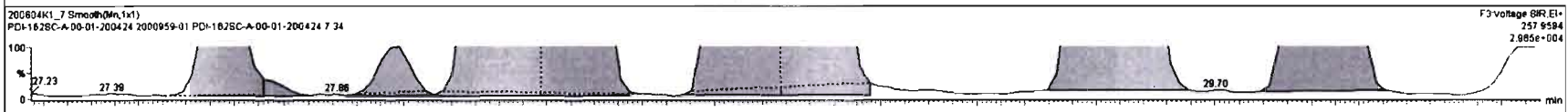
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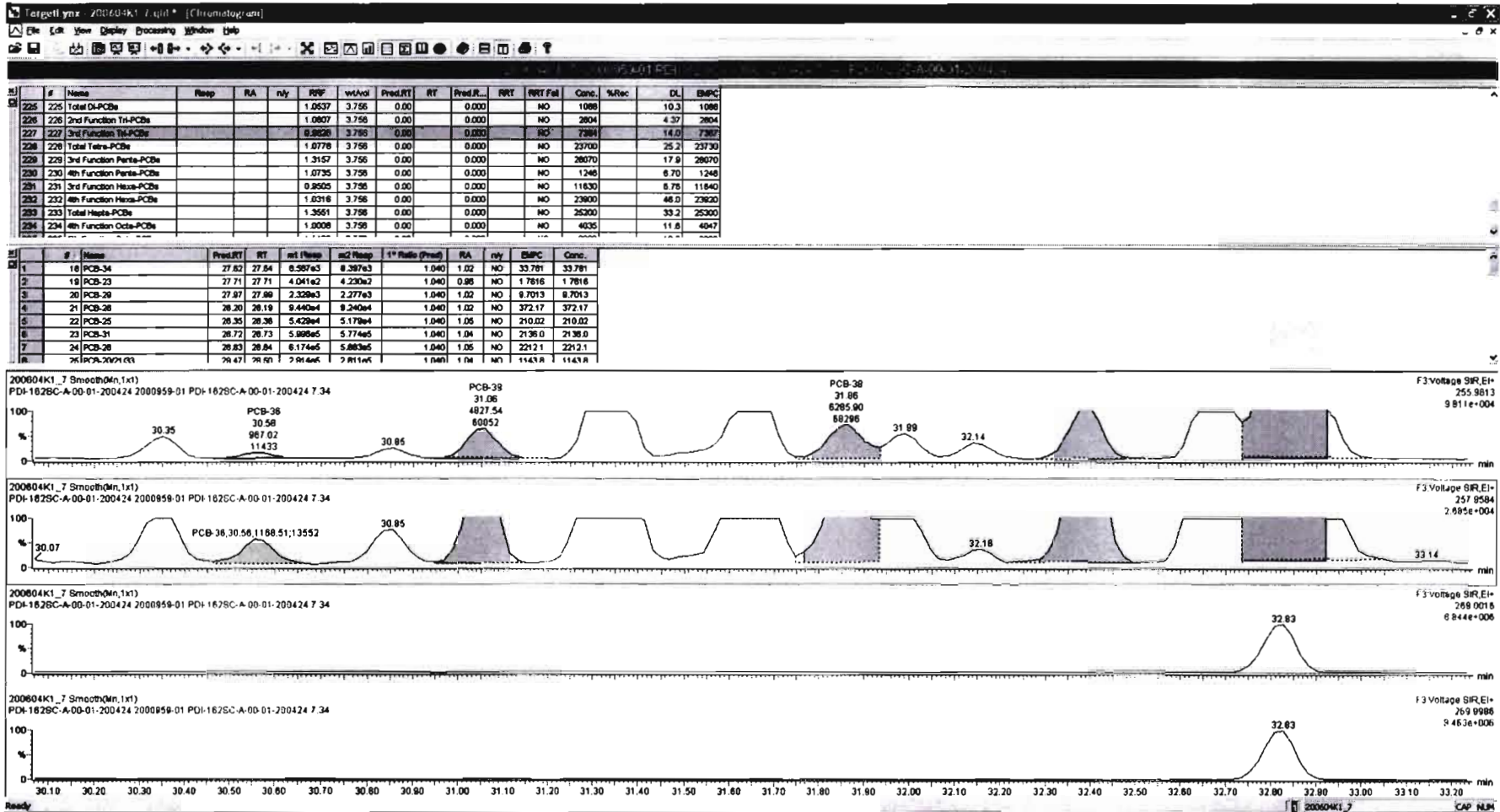




#	Name	Resp	RA	rvf	RRF	volVol	Pres.RT	RT	Pres.R	RVT	RRY Fail	Conc.	%Rec	DL	BMPC
226	Total Di-PCBs				1.0537	3.758	0.00		0.000		NO	1088		10.3	1088
226	2nd Function Tri-PCBs				1.0807	3.758	0.00		0.000		NO	2604		4.37	2604
227	2nd Function Tetra-PCBs				0.8828	3.728	0.00		0.000		NO	7384		14.8	7387
228	Total Tetra-PCBs				1.0778	3.758	0.00		0.000		NO	23700		25.2	23730
229	3rd Function Penta-PCBs				1.3157	3.758	0.00		0.000		NO	28070		17.9	28070
230	4th Function Penta-PCBs				1.0735	3.758	0.00		0.000		NO	1245		8.70	1245
231	3rd Function Hexa-PCBs				0.9605	3.758	0.00		0.000		NO	11630		8.78	11640
232	4th Function Hexa-PCBs				1.0218	3.758	0.00		0.000		NO	23900		48.0	23820
233	Total Hepta-PCBs				1.3561	3.758	0.00		0.000		NO	25200		33.2	25200
234	4th Function Octa-PCBs				1.0008	3.758	0.00		0.000		NO	4035		11.8	4047

#	Name	Pres.RT	RT	ret. Ratio	int. Resp	1 <sup>st</sup> Peak (Pres.)	RA	rvf	BMPC	Conc.
1	18 PCB-34	27.62	27.64	8.582e3	8.287e3	1.040	1.02	NO	33.781	33.781
2	19 PCB-23	27.71	27.71	4.041e2	4.238e2	1.040	0.86	NO	1.7818	1.7818
3	20 PCB-28	27.87	27.88	2.328e3	2.277e3	1.040	1.02	NO	8.7013	8.7013
4	21 PCB-26	28.20	28.19	9.440e4	8.240e4	1.040	1.02	NO	372.17	372.17
5	22 PCB-25	28.35	28.38	5.428e4	5.178e4	1.040	1.05	NO	210.02	210.02
6	23 PCB-31	28.72	28.73	5.868e5	5.774e5	1.040	1.04	NO	2138.0	2138.0
7	24 PCB-28	28.83	28.84	6.174e5	5.883e5	1.040	1.05	NO	2212.1	2212.1
18	25 PCB-20/21/22	28.47	28.48	2.814e5	2.811e5	1.040	1.04	NO	1147.8	1147.8



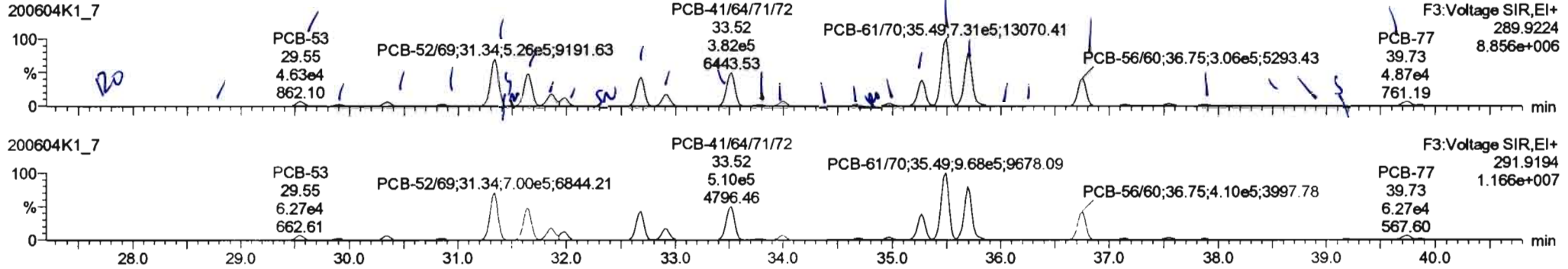


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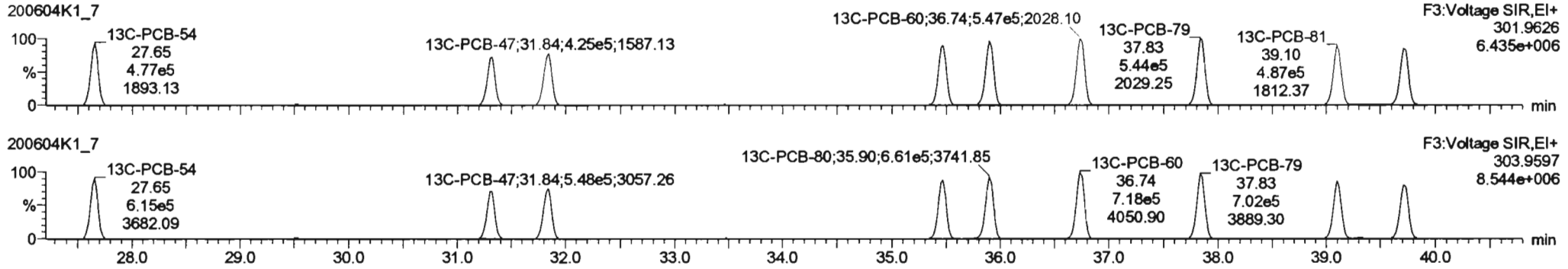
Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
 Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

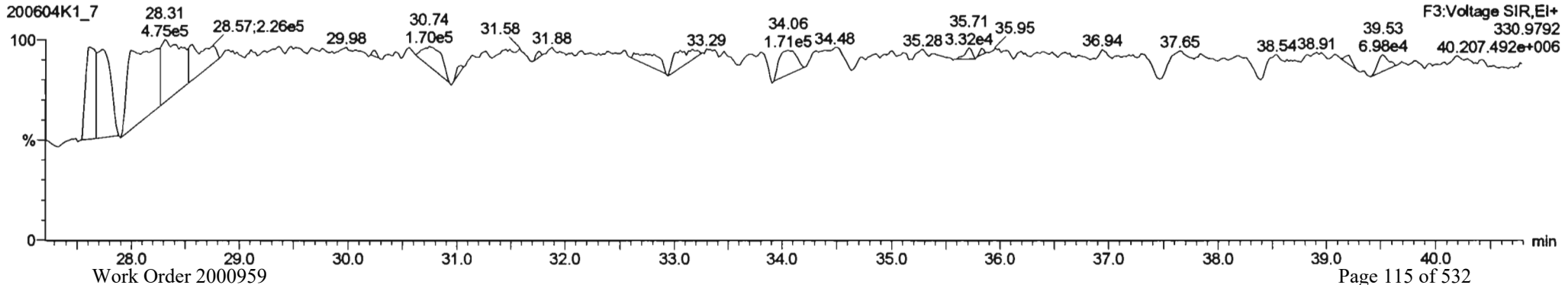
**PCB-54**



**13C-PCB-54**



**PFK3a**



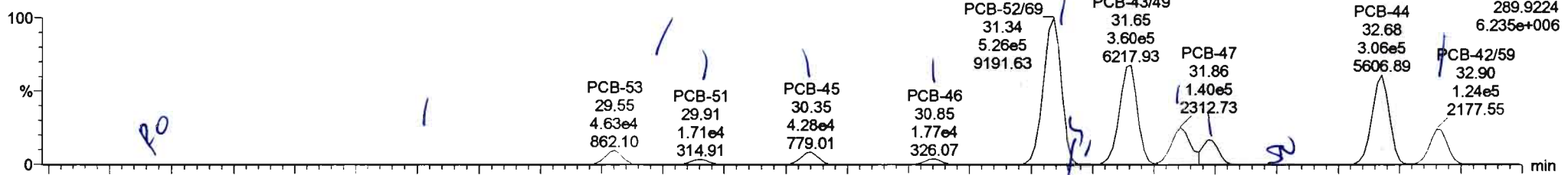
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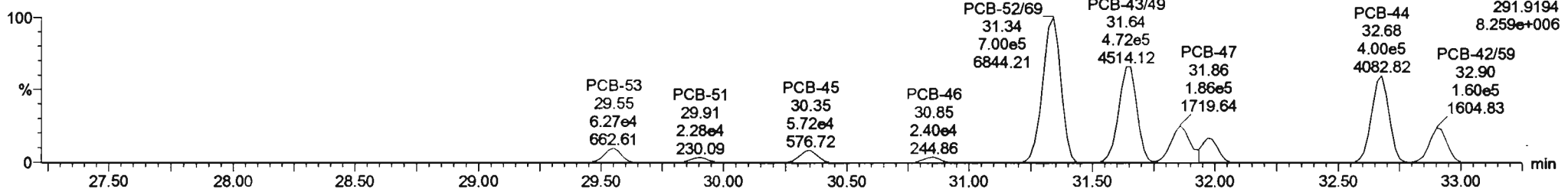
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PCB-50

200604K1\_7

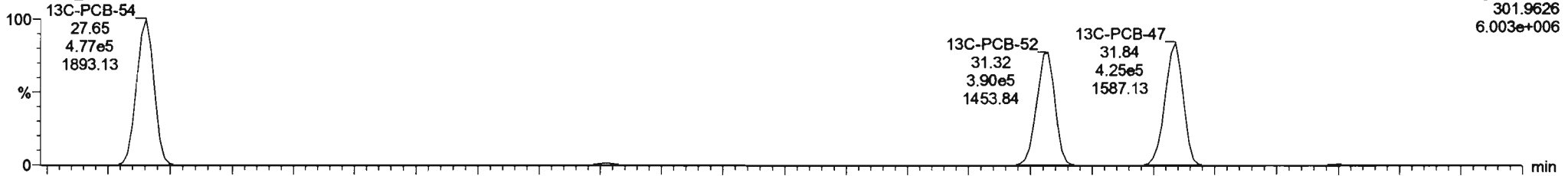


200604K1\_7

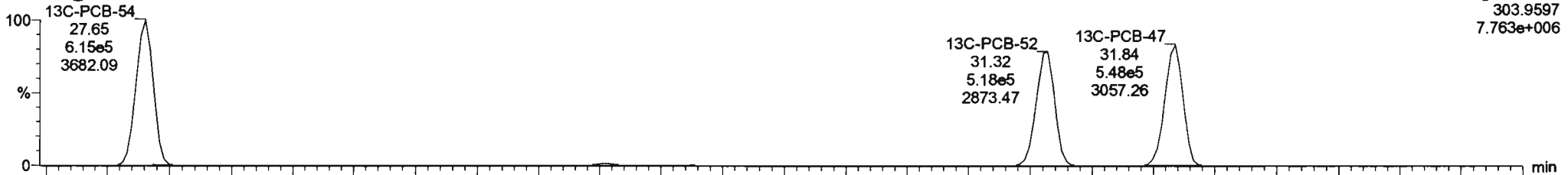


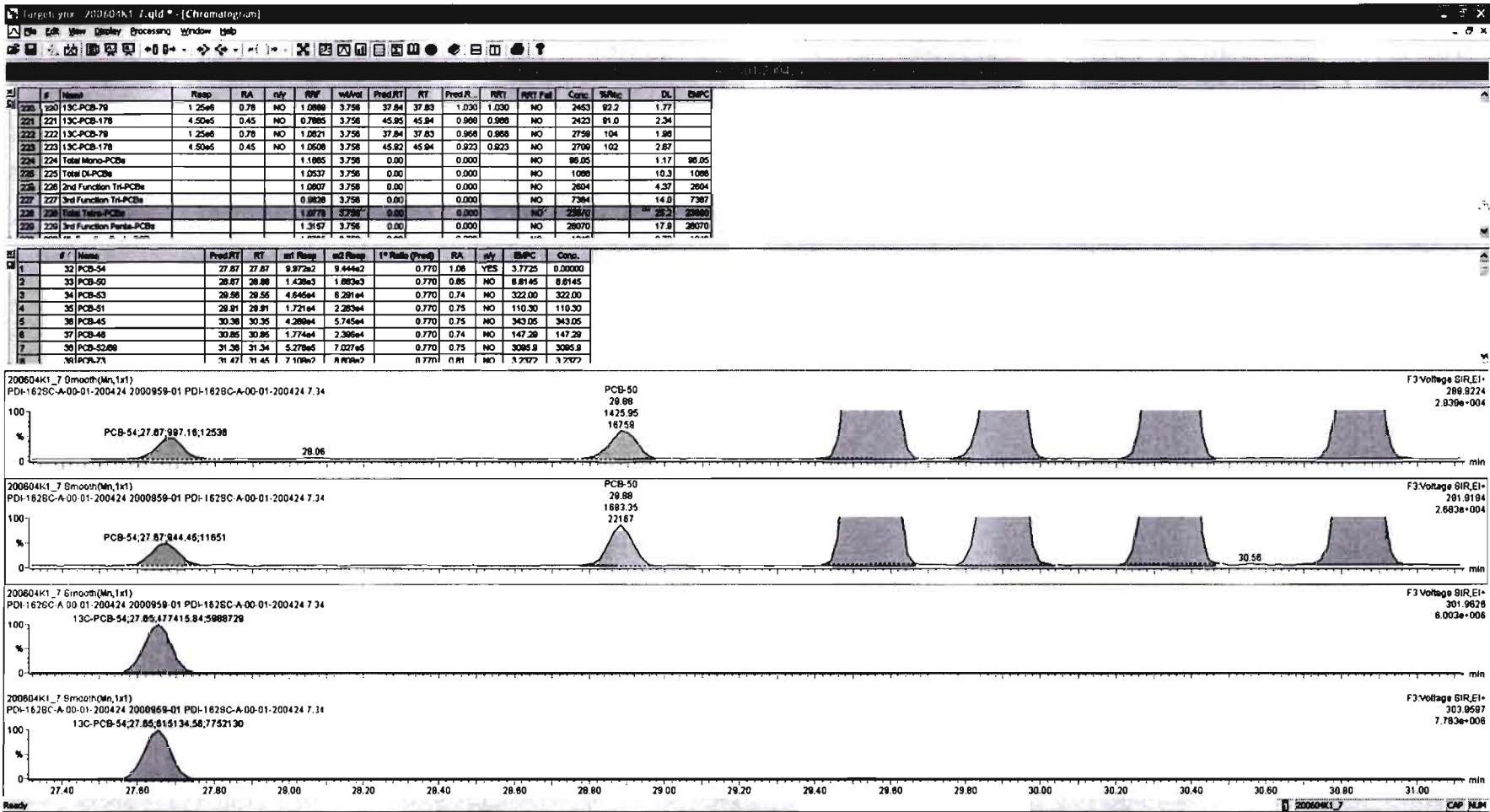
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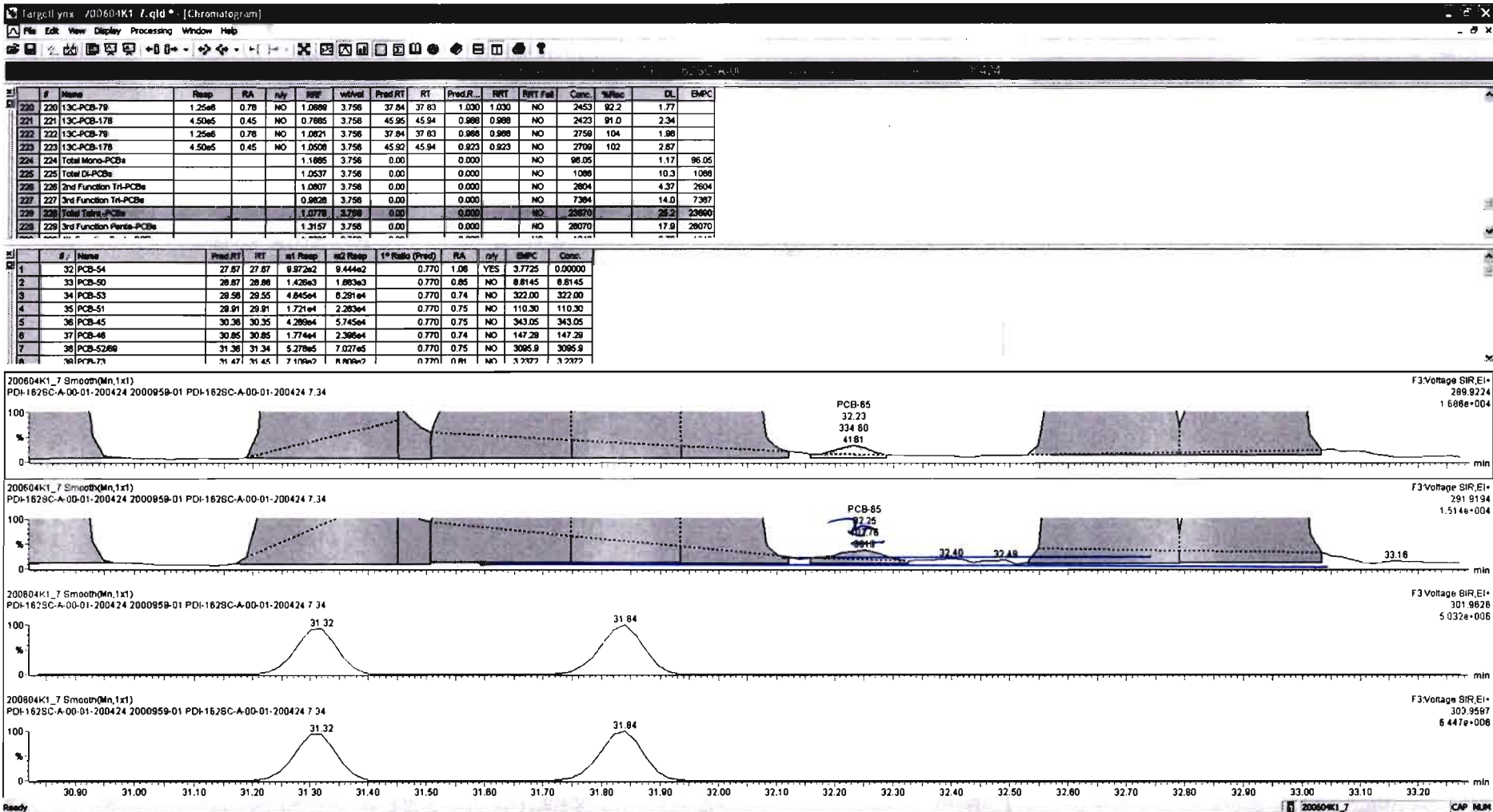
200604K1\_7



200604K1\_7







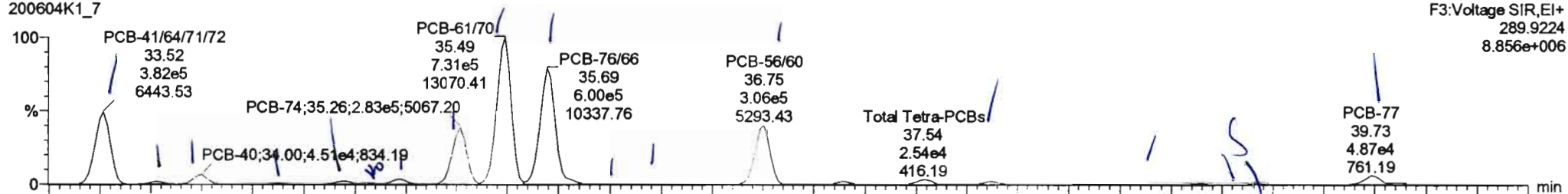
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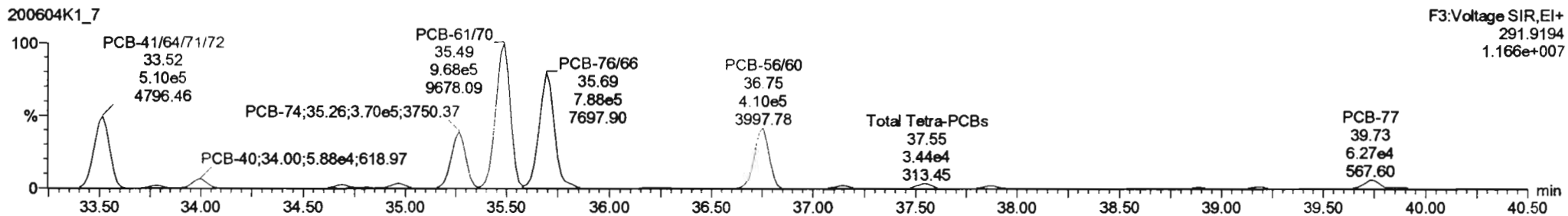
Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

**PCB-68**

200604K1\_7

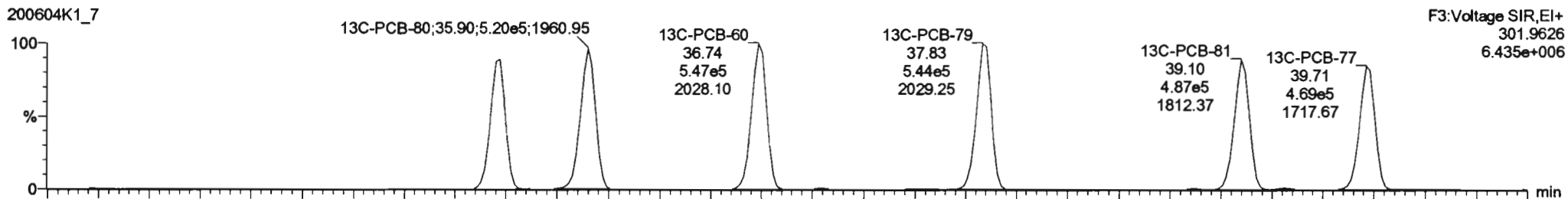


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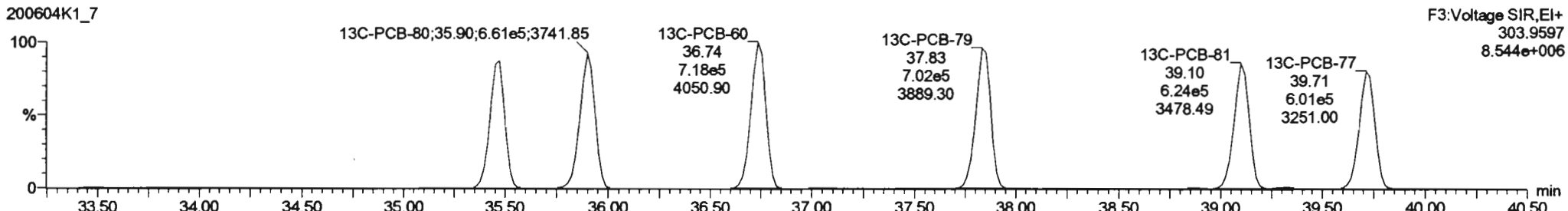


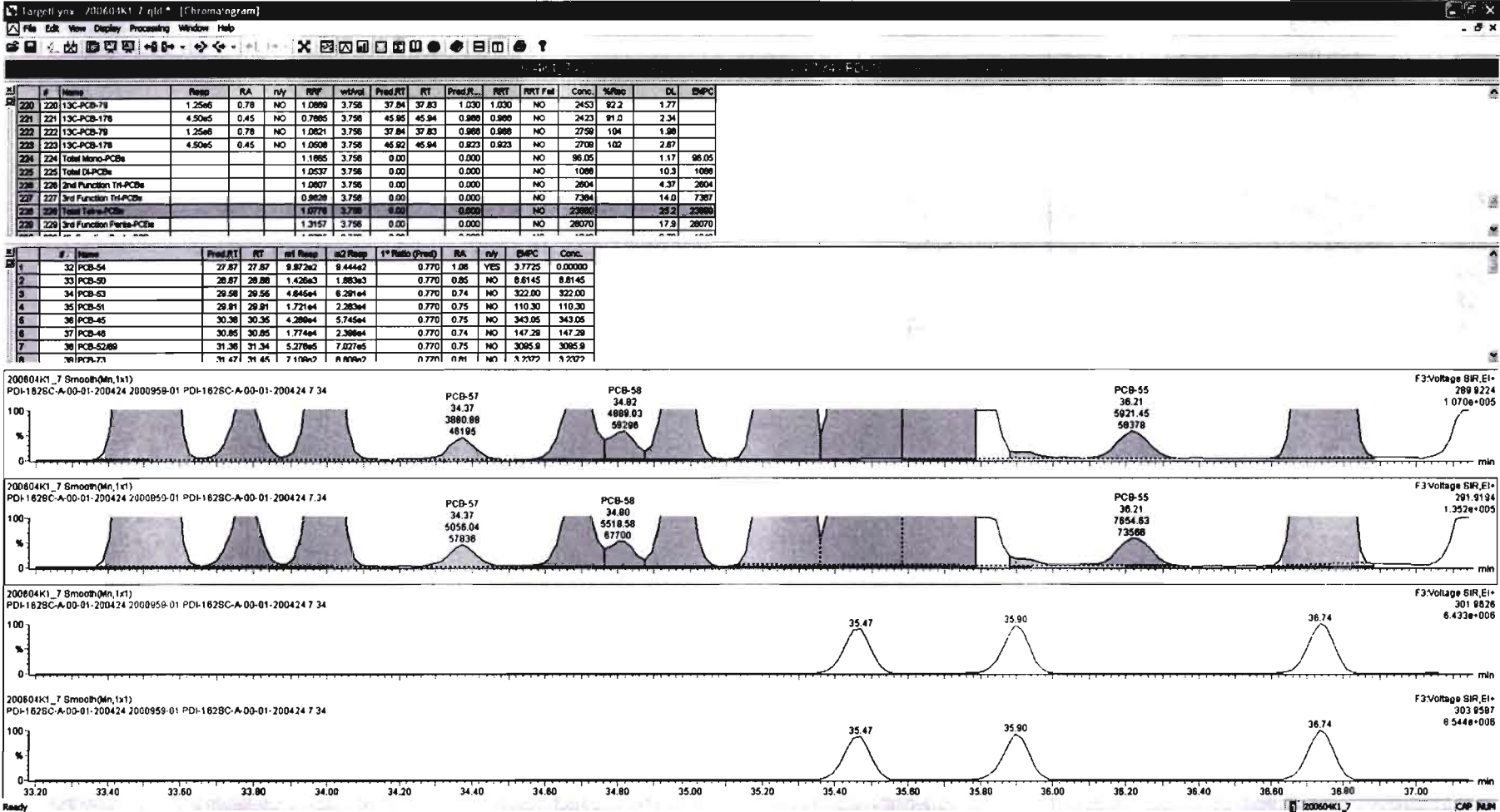
**13C-PCB-60**

200604K1\_7



200604K1\_7

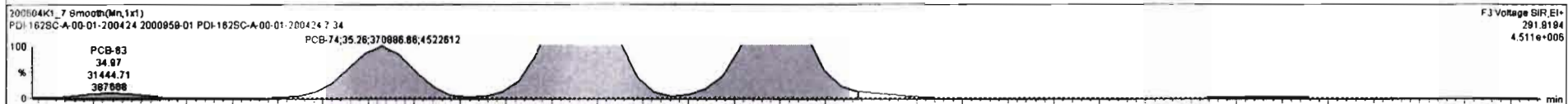
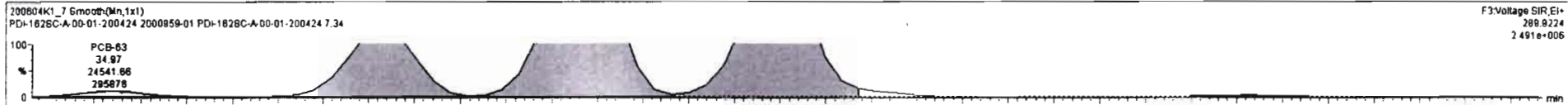






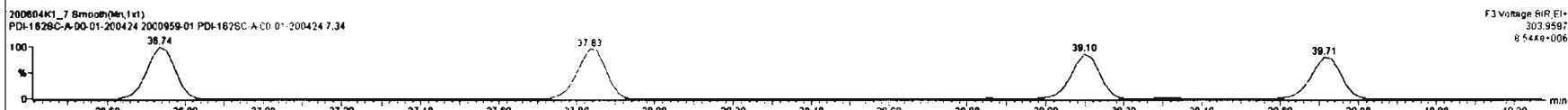
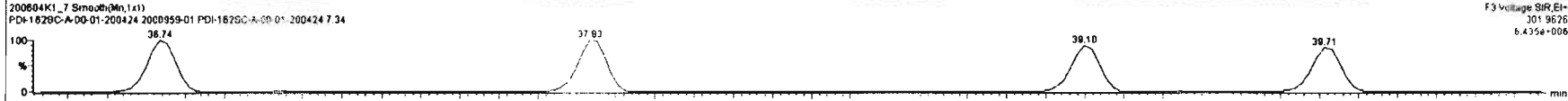
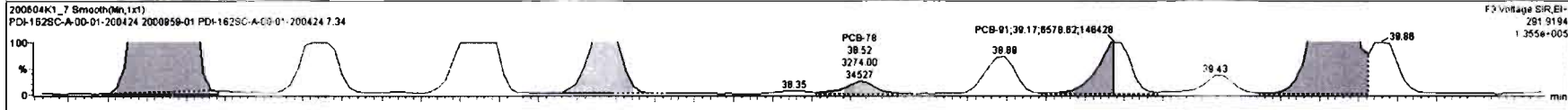
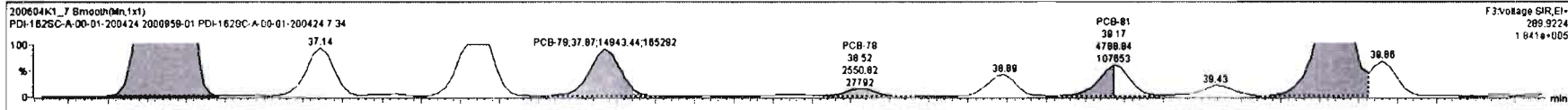
#	Name	Resp	RA	n/y	RF	wt/nd	Pred RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
220	13C-PCB-79	1.25e6	0.78	NO	1.0889	3.758	37.84	37.83	1.030	1.030	NO	2453	82.2	1.77	
221	13C-PCB-178	4.50e5	0.45	NO	0.7865	3.758	45.95	45.94	0.988	0.988	NO	2423	91.0	2.34	
222	13C-PCB-79	1.25e6	0.78	NO	1.0821	3.758	37.84	37.83	0.988	0.988	NO	2759	104	1.98	
223	13C-PCB-178	4.50e5	0.45	NO	1.0508	3.758	45.92	45.94	0.823	0.823	NO	2709	102	2.67	
224	224 Total Mono-PCBs				1.1865	3.758	0.00		0.000		NO	98.05		1.17	98.05
225	225 Total Di-PCBs				1.0537	3.758	0.00		0.000		NO	1098		10.3	1098
226	226 2nd Function Tri-PCBs				1.0807	3.758	0.00		0.000		NO	2804		4.37	2804
227	227 3rd Function Tri-PCBs				0.9828	3.758	0.00		0.000		NO	7384		14.0	7387
228	228 Total Tetra-PCBs				1.6278	3.758	0.00		0.000		NO	23989		25.2	23990
229	229 3rd Function Penta-PCBs				1.3157	3.758	0.00		0.000		NO	28070		17.9	28070

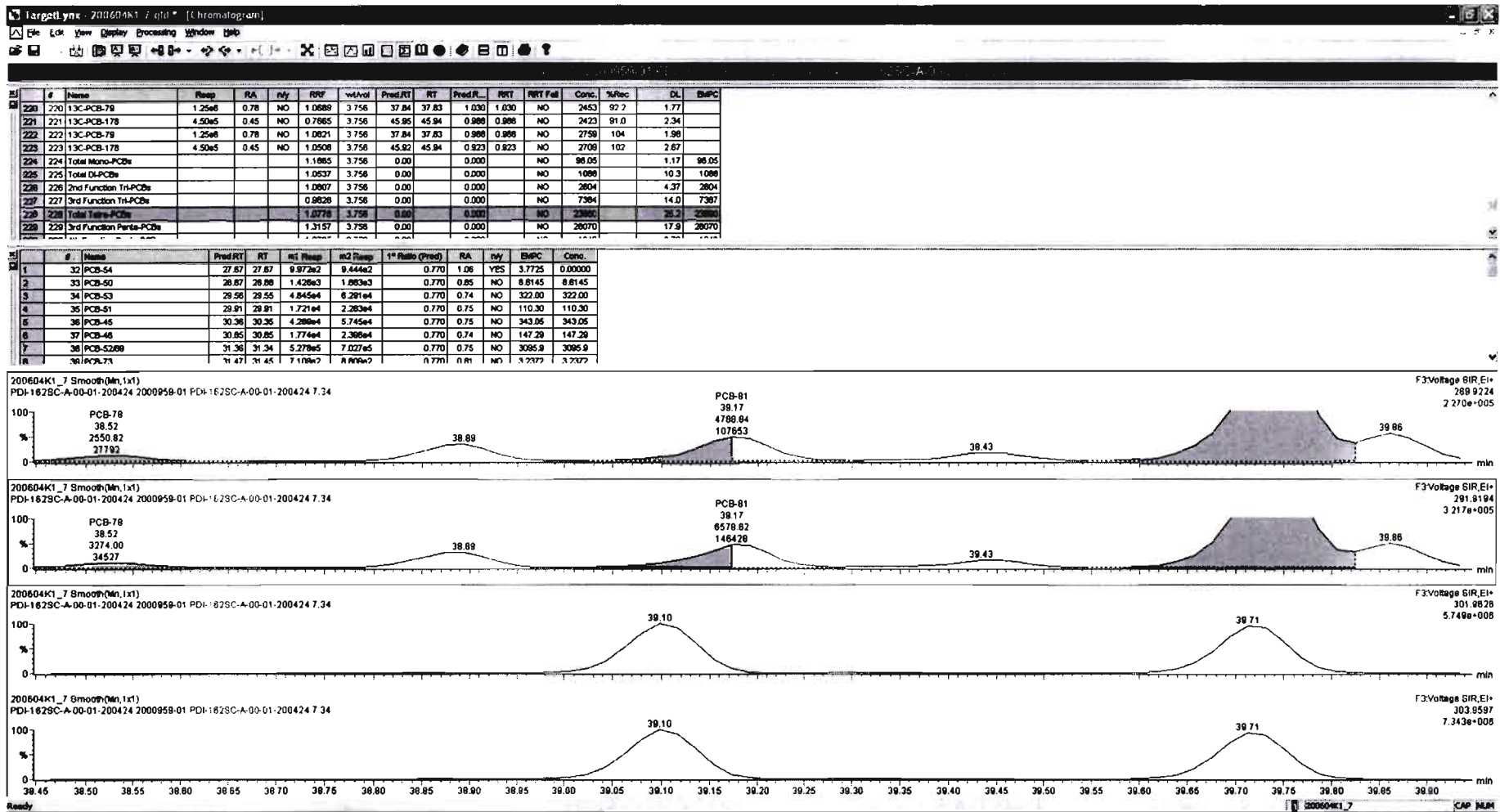
#	Name	Pred RT	RT	ret Resp	std Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	32 PCB-54	27.87	27.87	9.972e2	9.444e2	0.770	1.08	YES	3.7725	0.00000
2	33 PCB-50	28.87	28.88	1.428e3	1.863e3	0.770	0.85	NO	8.8145	8.8145
3	34 PCB-53	29.58	29.55	4.845e4	6.291e4	0.770	0.74	NO	322.00	322.00
4	35 PCB-51	29.91	29.91	1.721e4	2.283e4	0.770	0.75	NO	110.30	110.30
5	36 PCB-45	30.38	30.35	4.289e4	5.745e4	0.770	0.75	NO	343.05	343.05
6	37 PCB-48	30.85	30.85	1.774e4	2.388e4	0.770	0.74	NO	147.29	147.29
7	38 PCB-52/68	31.38	31.34	5.278e5	7.027e5	0.770	0.75	NO	3085.8	3085.8
8	39 PCB-73	31.47	31.45	7.159e2	8.819e2	0.770	0.81	NO	3.7077	3.7077



#	Name	Resp	RA	rvj	RWF	wtAval	PredJRT	RT	PredJRT	RT	RTT Fail	Comp.	%Rec	CL	EMPC
220	13C-PCB-79	1.25e6	0.78	NO	1.0890	3.756	37.84	37.83	1.030	1.030	NO	2453	92.2	1.77	
221	13C-PCB-178	4.50e6	0.45	NO	0.7095	3.756	45.95	45.94	0.989	0.989	NO	2423	91.0	2.34	
222	13C-PCB-79	1.25e6	0.78	NO	1.0821	3.756	37.84	37.83	0.989	0.989	NO	2759	104	1.98	
223	13C-PCB-178	4.50e6	0.45	NO	1.0809	3.756	45.92	45.94	0.923	0.923	NO	2700	102	2.67	
224	Total Mono-PCBs				1.1865	3.756	0.00	0.000			NO	98.05		1.17	98.05
225	Total Di-PCBs				1.0537	3.756	0.00	0.000			NO	1099		10.3	1099
226	2nd Function Tri-PCBs				1.0507	3.756	0.00	0.000			NO	2804		4.37	2804
227	3rd Function Tri-PCBs				0.9628	3.756	0.00	0.000			NO	7394		14.0	7397
228	Total Tetra-PCBs				1.0979	3.756	0.00	0.000			NO	2399		25.2	2399
229	3rd Function Penta-PCBs				1.3157	3.756	0.00	0.000			NO	28070		17.9	28070

#	Name	PredJRT	RT	ret Resp	std Resp	S* Ratio (Presp)	RA	rvj	EMPC	Comp.
32	PCB-54	27.87	27.87	9.972e2	9.444e2	0.770	1.08	YES	3.7725	0.00000
33	PCB-50	28.87	28.98	1.429e3	1.993e3	0.770	0.85	NO	9.8145	8.6145
34	PCB-53	29.58	29.55	4.845e4	8.291e4	0.770	0.74	NO	322.00	322.00
35	PCB-51	29.91	29.91	1.721e4	2.283e4	0.770	0.75	NO	110.30	110.30
36	PCB-45	30.36	30.35	4.289e4	5.745e4	0.770	0.75	NO	343.05	343.05
37	PCB-48	30.85	30.85	1.774e4	2.389e4	0.770	0.74	NO	147.28	147.28
38	PCB-52/69	31.35	31.34	5.279e5	7.022e5	0.770	0.75	NO	3095.9	3095.9
39	PCB-75	31.47	31.45	7.109e0	8.809e0	0.770	0.81	NO	3.2377	3.2377





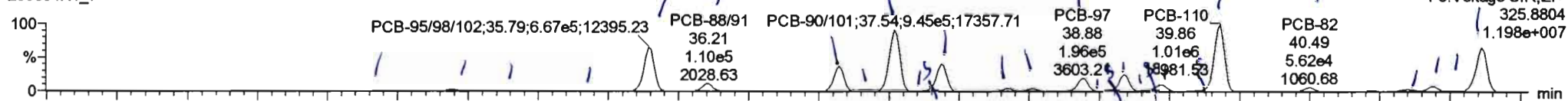
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 Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

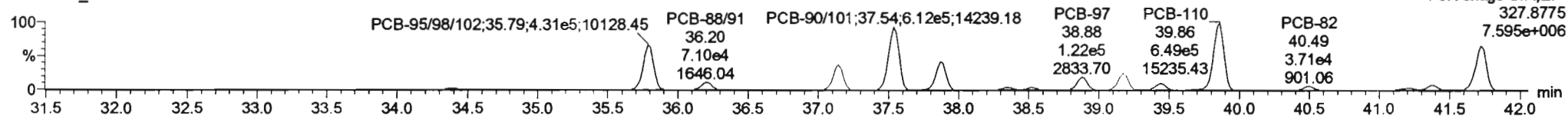
Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

**PCB-104**

200604K1\_7

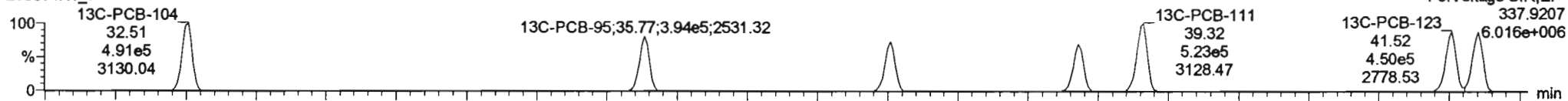


200604K1\_7

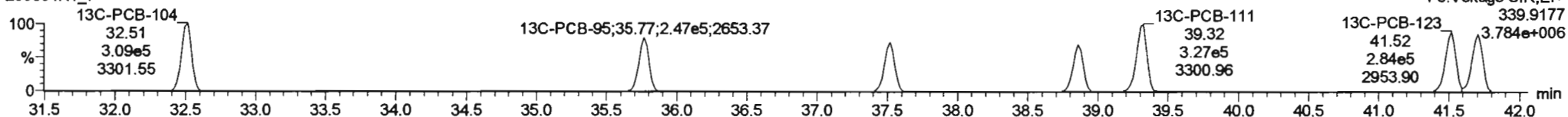


**13C-PCB-104**

200604K1\_7

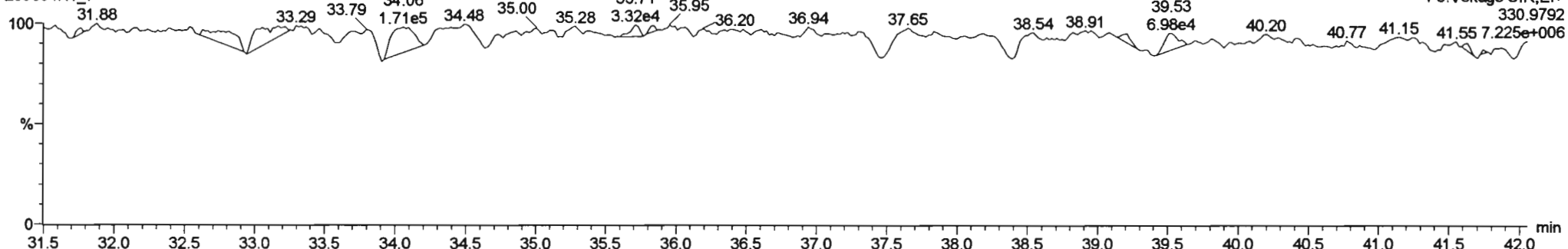


200604K1\_7



**PFK3b**

200604K1\_7



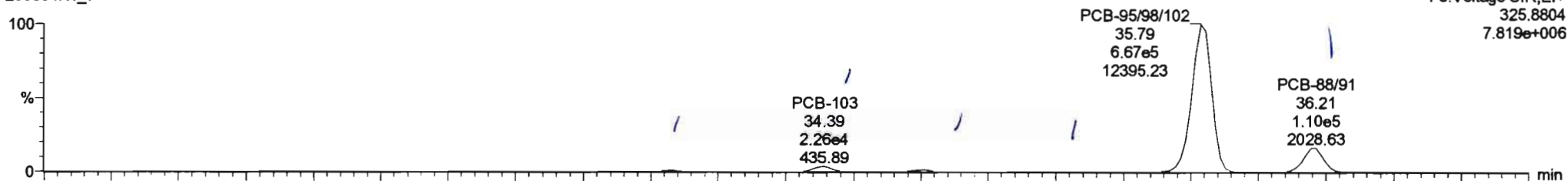
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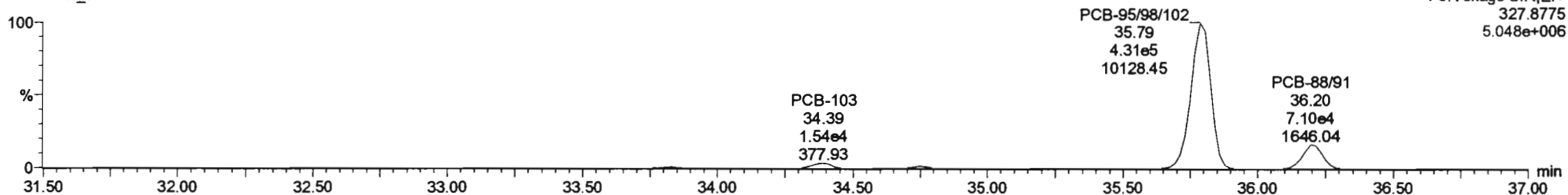
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**PCB-96**

200604K1\_7

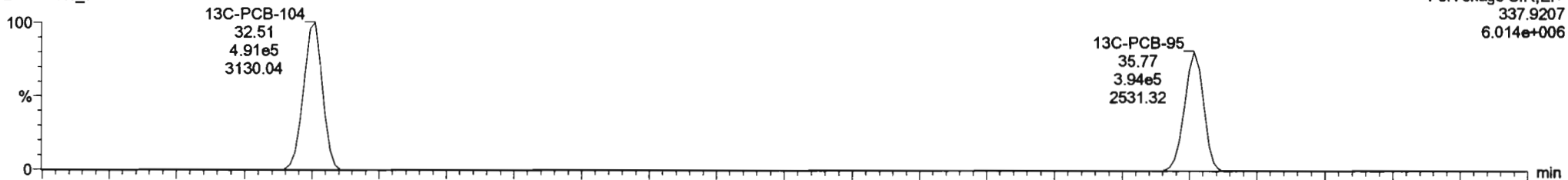


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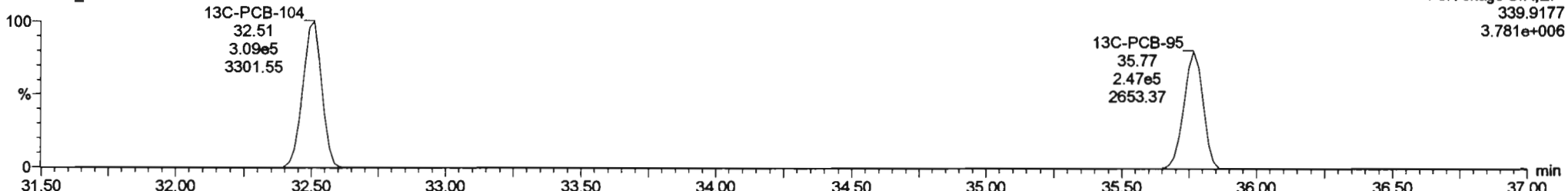


**13C-PCB-95**

200604K1\_7

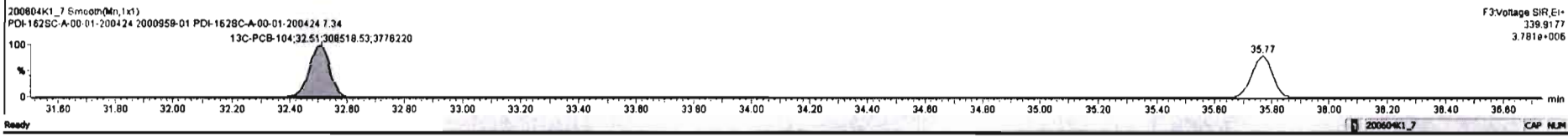
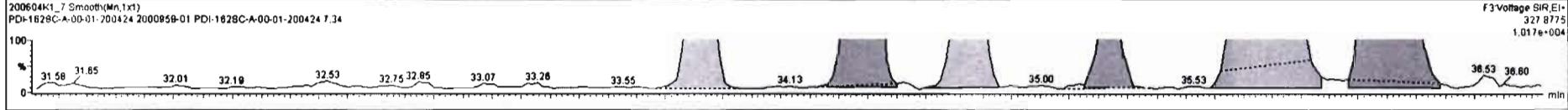
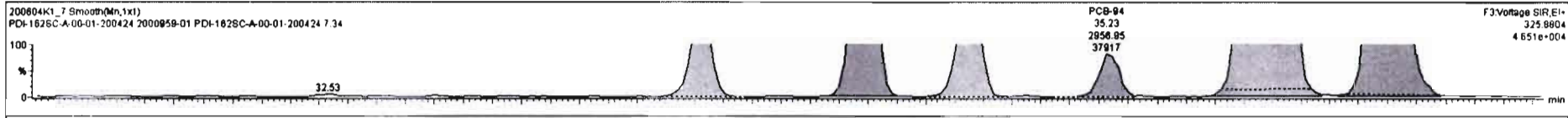


200604K1\_7



#	Name	Resp	RA	n/y	R/F	width	Pred.RT	RT	Pred.R	RTI	RRT Fail	Conc.	%Rec	DL	EMPC
220	220 13C-PCB-79	1.25e6	0.78	NO	1.0899	3.758	37.84	37.83	1.030	1.030	NO	2453	82.2	1.77	
221	221 13C-PCB-178	4.50e5	0.45	NO	0.7885	3.758	45.85	45.84	0.988	0.988	NO	2423	81.0	2.34	
222	222 13C-PCB-79	1.25e6	0.78	NO	1.0821	3.758	37.84	37.83	0.968	0.968	NO	2758	104	1.98	
223	223 13C-PCB-178	4.50e5	0.45	NO	1.0508	3.758	45.82	45.84	0.923	0.923	NO	2708	102	2.87	
224	224 Total Mono-PCBs				1.1885	3.758	0.00		0.000		NO	86.05		1.17	86.05
225	225 Total Di-PCBs				1.0537	3.758	0.00		0.000		NO	1088		10.3	1088
226	226 2nd Function Tri-PCBs				1.0807	3.758	0.00		0.000		NO	2804		4.37	2804
227	227 3rd Function Tri-PCBs				0.9826	3.758	0.00		0.000		NO	7384		14.0	7387
228	228 Total Tetra-PCBs				1.0778	3.758	0.00		0.000		NO	23680		25.2	23680
229	229 2nd Function Penta-PCBs				1.3157	3.758	0.00		0.000		NO	28700		17.8	28380

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-88	33.83	33.83	8.500e3	4.418e3	1.580	1.49	NO	31.784	31.784
2	66 PCB-103	34.38	34.38	2.258e4	1.554e4	1.580	1.45	NO	135.83	135.83
3	67 PCB-100	34.75	34.74	8.540e3	8.188e3	1.580	1.54	NO	54.888	54.988
4	68 PCB-94	35.25	35.23	2.857e3	1.715e3	1.580	1.72	NO	20.450	20.450
5	69 PCB-8580102	35.73	35.78	8.895e5	4.325e5	1.580	1.55	NO	3800.4	3800.4
6	71 PCB-8861	36.20	36.21	1.108e5	7.133e4	1.580	1.55	NO	709.80	709.80
7	73 PCB-8482	37.15	37.14	3.883e5	2.342e5	1.580	1.58	NO	2859.3	2859.3
8	74 PCB-88	37.33	37.33	7.202e3	4.888e3	1.580	1.47	NO	48.071	48.071

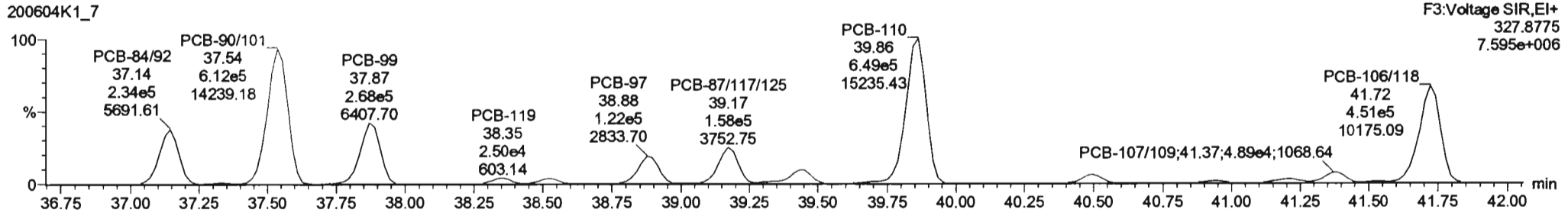
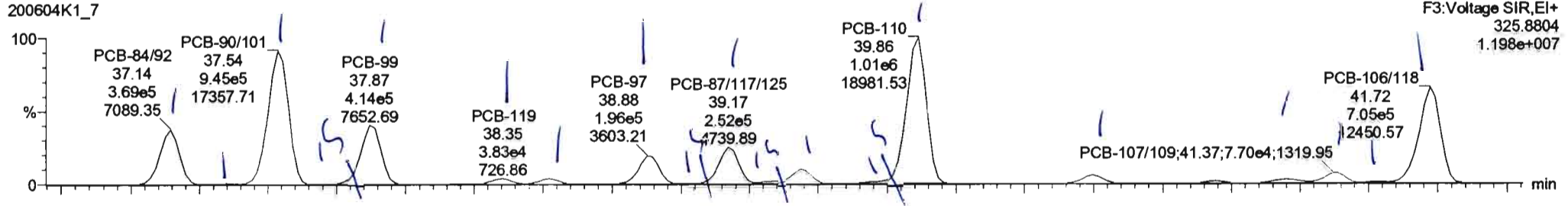


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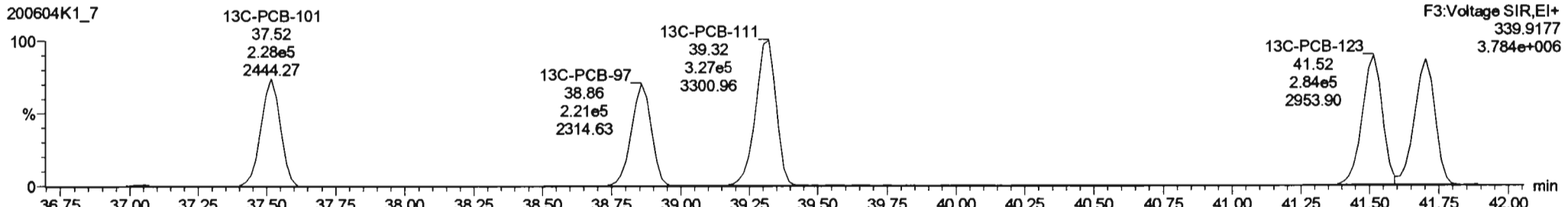
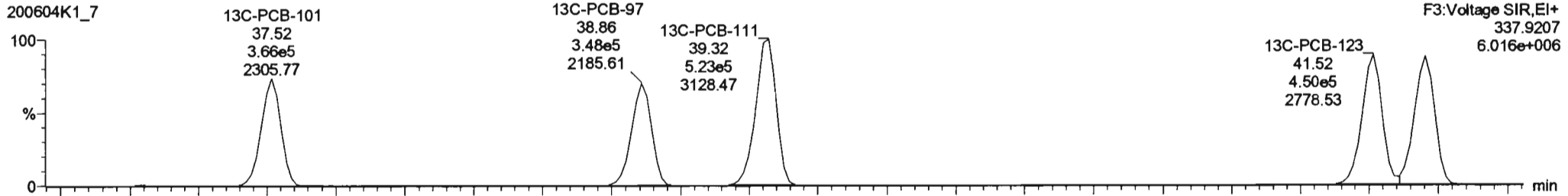
Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

PCB-119

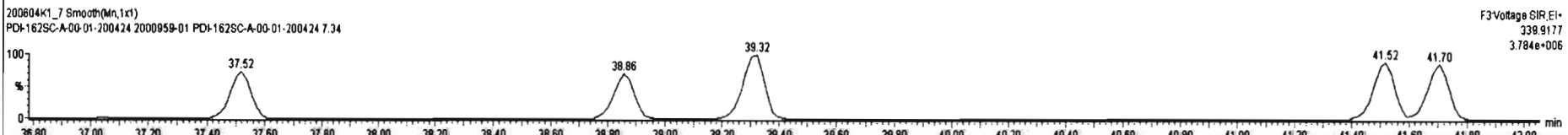
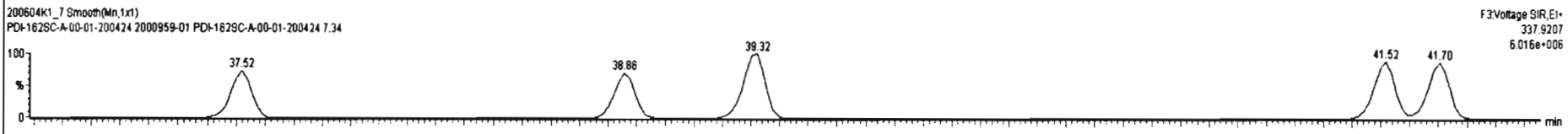
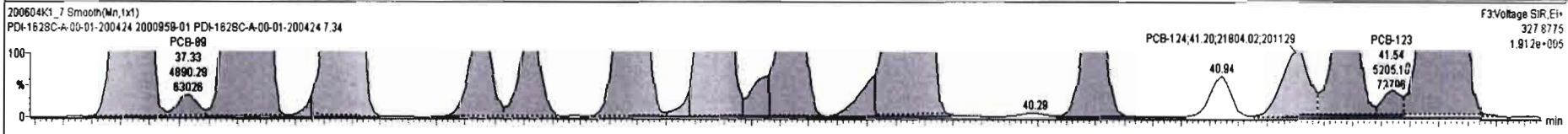
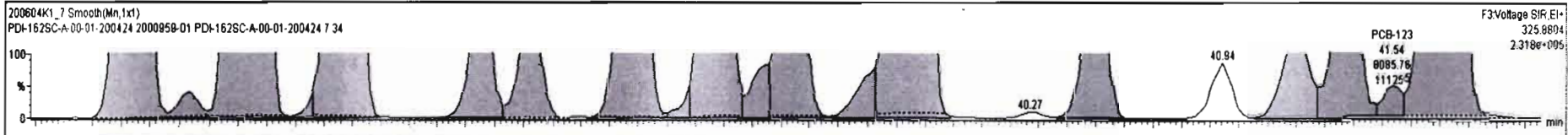


13C-PCB-111



#	Name	Resp	RA	nly	RNF	wtAvef	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
220	220 13C-PCB-79	1.25e6	0.78	NO	1.0699	3.756	37.84	37.83	1.030	1.030	NO	2453	92.2	1.77	
221	221 13C-PCB-178	4.50e5	0.45	NO	0.7885	3.756	45.95	45.94	0.988	0.988	NO	2423	91.0	2.34	
222	222 13C-PCB-79	1.25e6	0.78	NO	1.0621	3.756	37.84	37.83	0.988	0.988	NO	2759	104	1.98	
223	223 13C-PCB-178	4.50e5	0.45	NO	1.0508	3.756	45.92	45.94	0.923	0.923	NO	2709	102	2.87	
224	224 Total Mono-PCBs				1.1865	3.756	0.00		0.000		NO	96.05		1.17	96.05
225	225 Total Di-PCBs				1.0537	3.756	0.00		0.000		NO	1088		10.3	1088
226	226 2nd Function Tri-PCBs				1.0807	3.756	0.00		0.000		NO	2694		4.37	2694
227	227 3rd Function Tri-PCBs				0.9828	3.756	0.00		0.000		NO	7384		14.0	7387
228	228 Total Tetra-PCBs				1.0778	3.756	0.00		0.000		NO	23660		25.2	23690
229	229 3rd Function Penta-PCBs				1.3157	3.756	0.00		0.000		NO	28300		17.8	28300

#	Name	Pred.RT	RT	n1 Resp	n2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	65 PCB-96	33.83	33.83	6.598e3	4.418e3	1.560	1.49	NO	31.784	31.784
2	66 PCB-103	34.38	34.38	2.259e4	1.554e4	1.560	1.45	NO	135.63	135.63
3	67 PCB-100	34.75	34.74	9.540e3	6.198e3	1.560	1.54	NO	54.989	54.989
4	68 PCB-94	35.25	35.23	2.957e3	1.715e3	1.560	1.72	NO	20.450	20.450
5	69 PCB-95/98/102	35.73	35.78	6.685e5	4.325e5	1.560	1.55	NO	3900.4	3900.4
6	71 PCB-98/91	36.20	36.21	1.108e5	7.133e4	1.560	1.55	NO	709.80	709.80
7	73 PCB-94/62	37.15	37.14	3.683e5	2.342e5	1.560	1.58	NO	2659.3	2659.3
8	74 PCB-98	37.33	37.33	7.202e3	4.689e3	1.560	1.47	NO	48.071	48.071



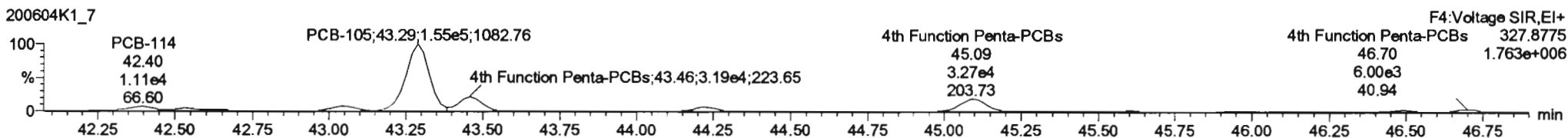
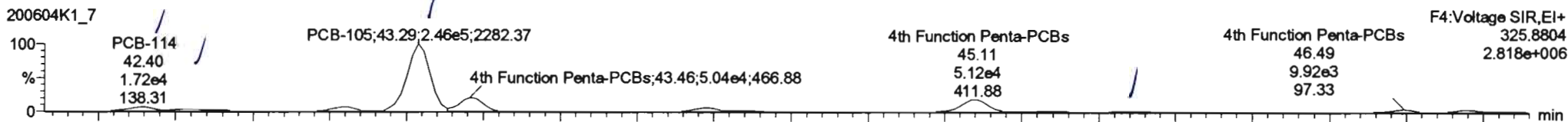


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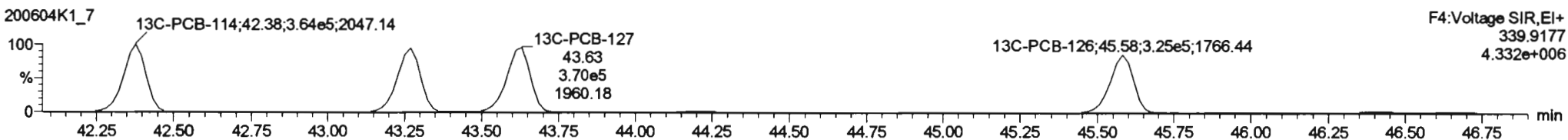
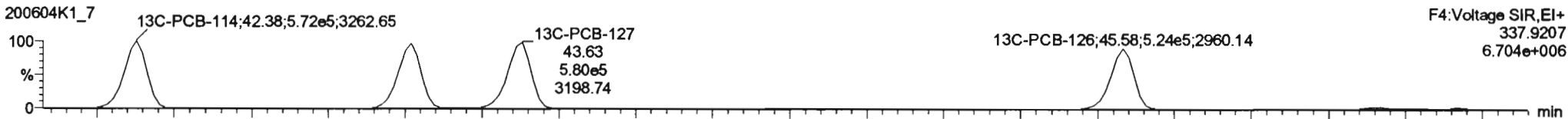
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 Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

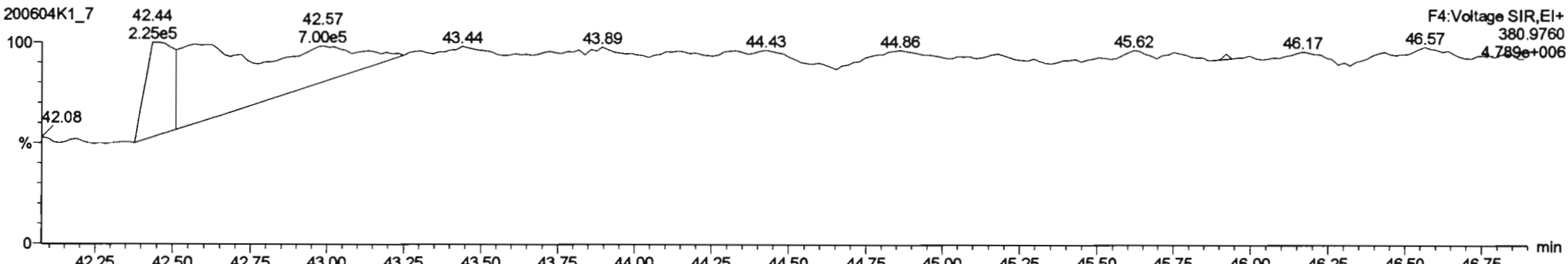
**PCB-114**



**13C-PCB-114**

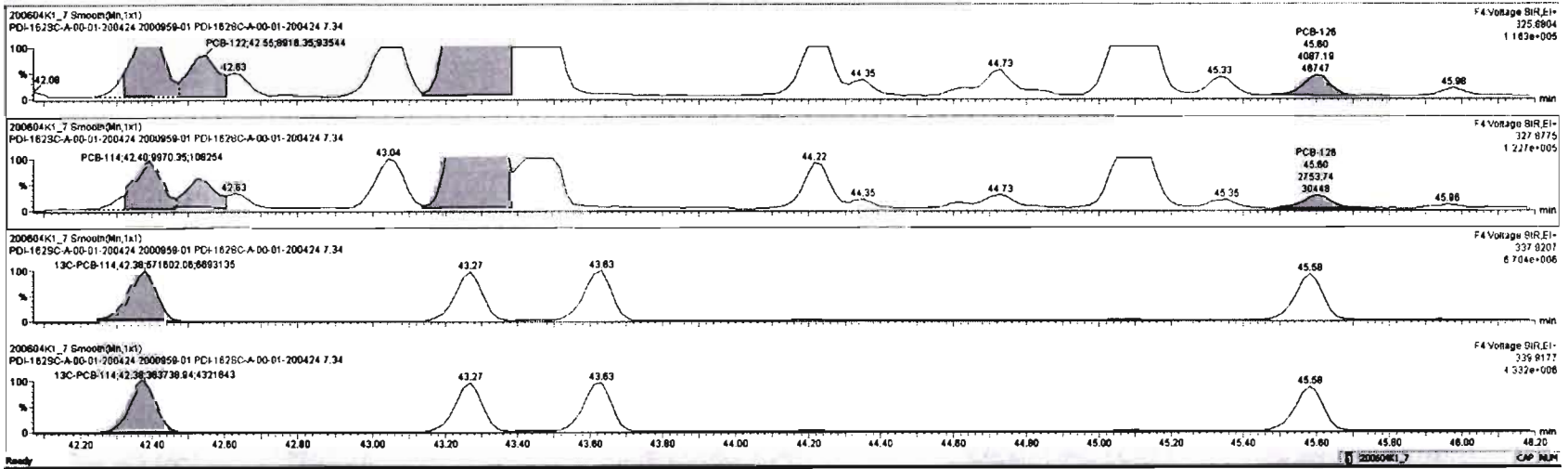


**PFK4a**



#	Name	Mass	RA	only	RF	WtAve	Prod.RT	RT	Prod.PL	RRT	BRT	Fast	Conc.	%Rec	DL	BMP
220	13C-PCB-79	1.25e6	0.78	NO	1.0889	3.756	37.84	37.83	1.030	1.030	NO	2453	92.2	1.77		
221	13C-PCB-178	4.50e5	0.46	NO	0.7955	3.756	45.95	45.94	0.999	0.999	NO	2423	91.0	2.34		
222	13C-PCB-79	1.25e6	0.78	NO	1.0821	3.756	37.84	37.83	0.999	0.999	NO	2759	104	1.98		
223	13C-PCB-178	4.50e5	0.46	NO	1.0528	3.756	45.94	45.94	0.923	0.923	NO	2709	107	2.67		
224	Total Mono-PCBs				1.1855	3.756	0.00	0.000			NO	98.05		1.17	98.05	
225	Total Di-PCBs				1.0537	3.756	0.00	0.000			NO	1099		10.3	1098	
226	2nd Function Tri-PCBs				1.0807	3.756	0.00	0.000			NO	2804		4.37	2804	
227	3rd Function Tri-PCBs				0.9828	3.756	0.00	0.000			NO	7384		14.0	7387	
228	Total Tetra-PCBs				1.0778	3.756	0.00	0.000			NO	23890		25.2	23890	
229	3rd Function Penta-PCBs				1.3157	3.756	0.00	0.000			NO	26300		17.9	26300	

#	Name	Prod.RT	RT	ret Ramp	MS Peak	** Ratio (Prod)	RA	only	BMP	Conc.
1	83 PCB-114	42.40	42.40	1.589e4	9.970e3	1.580	1.58	NO	83.898	83.898
2	84 PCB-122	42.55	42.55	6.919e3	5.849e3	1.580	1.50	NO	44.817	44.817
3	85 PCB-105	43.28	43.28	2.408e5	1.547e5	1.580	1.58	NO	1112.5	1112.5
4	87 PCB-126	45.80	45.80	4.087e3	2.754e3	1.580	1.48	NO	18.293	18.293



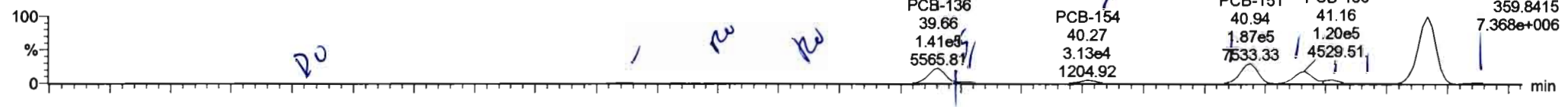
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Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

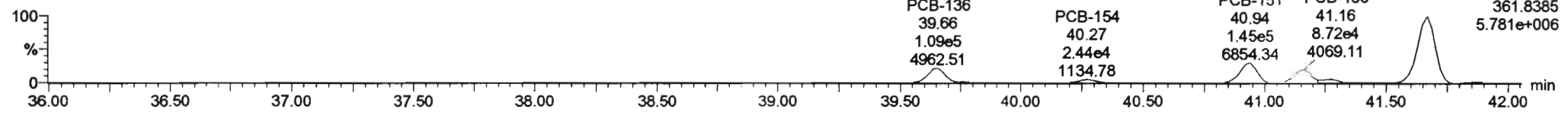
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**PCB-155**

200604K1\_7

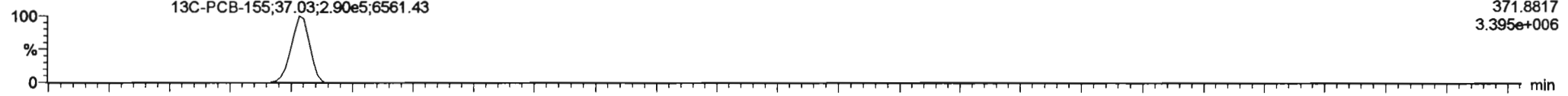


200604K1\_7

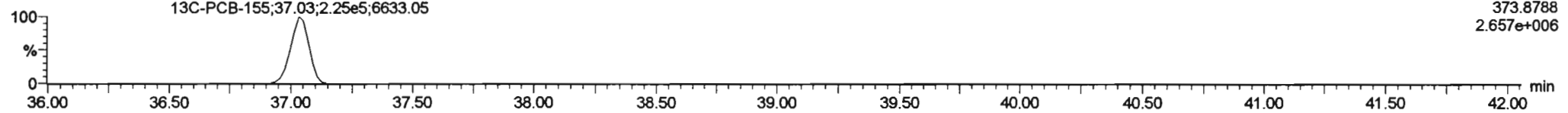


**13C-PCB-155**

200604K1\_7

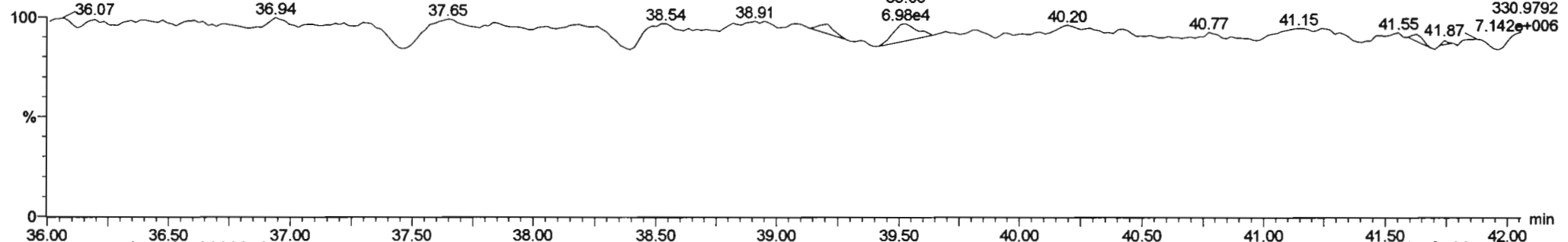


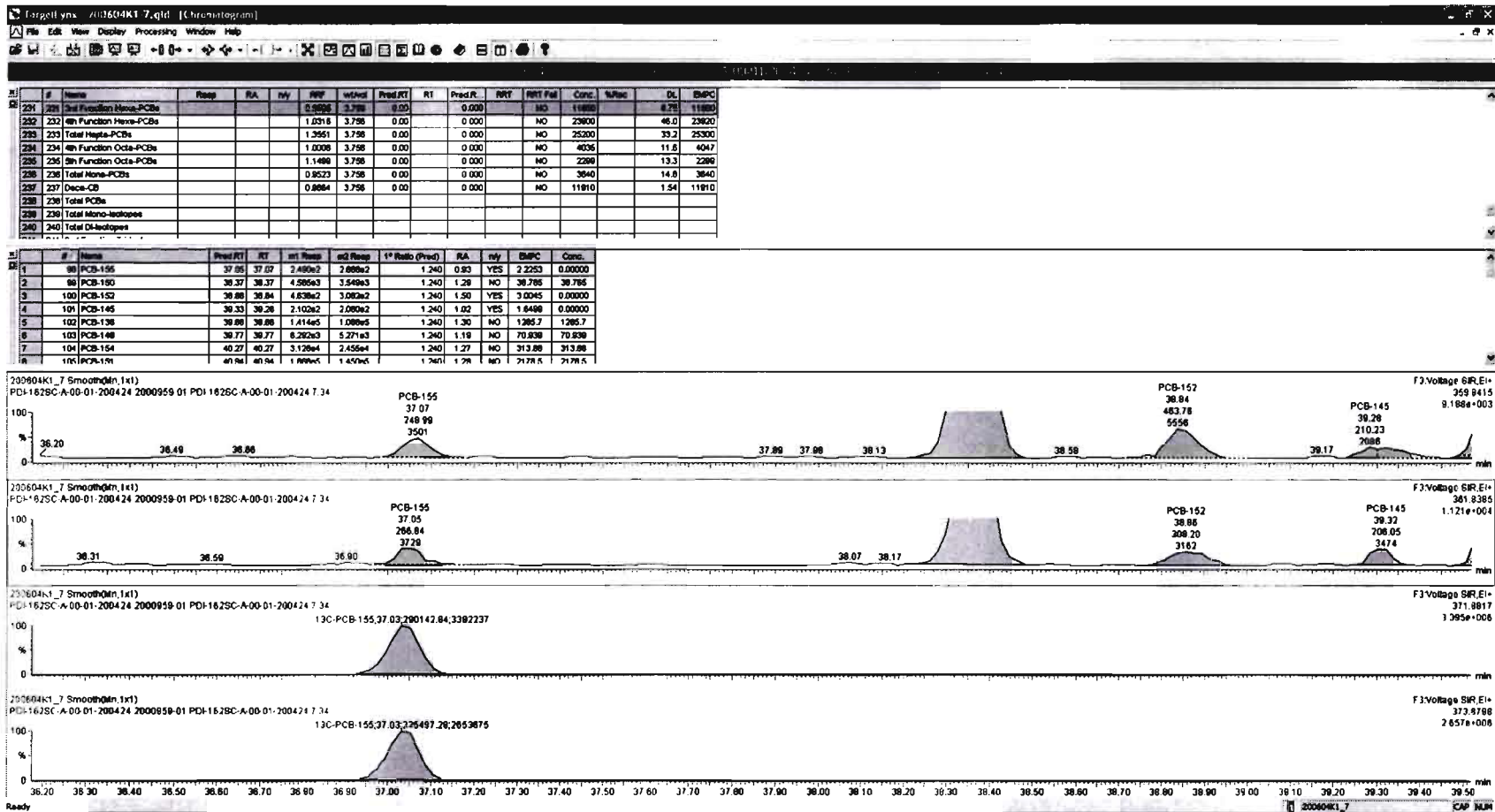
200604K1\_7



**PFK3c**

200604K1\_7

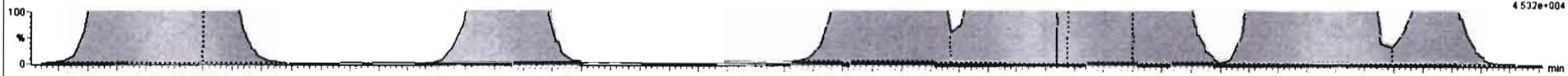




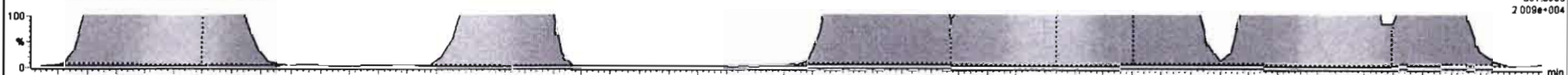
#	Name	Resp	RA	n/y	RF	wf-wd	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DE	EMPC
231	231 3rd Function Hexa-PCBs				0.8526	3.756	0.00	0.000			NO	11050		8.76	11880
232	232 4th Function Hexa-PCBs				1.0316	3.756	0.00	0.000			NO	23600		46.0	23620
233	233 Total Hepta-PCBs				1.3551	3.756	0.00	0.000			NO	25200		33.2	25300
234	234 4th Function Octa-PCBs				1.0008	3.756	0.00	0.000			NO	4035		11.6	4047
235	235 5th Function Octa-PCBs				1.1496	3.756	0.00	0.000			NO	2298		13.3	2299
236	236 Total Nona-PCBs				0.8523	3.756	0.00	0.000			NO	3640		14.8	3640
237	237 Deca-CB				0.8984	3.756	0.00	0.000			NO	11910		1.54	11910
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														

#	Name	Pred.RT	RT	Int Resp	Ext Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	98 PCB-155	37.05	37.07	2.480e2	2.858e2	1.240	0.93	YES	2.2253	0.00000
2	99 PCB-150	38.37	38.37	4.585e3	3.548e3	1.240	1.29	NO	38.785	38.785
3	100 PCB-152	38.88	38.84	4.839e2	3.082e2	1.240	1.50	YES	3.0045	0.00000
4	101 PCB-145	39.33	39.28	2.102e2	2.080e2	1.240	1.02	YES	1.8499	0.00000
5	102 PCB-136	39.88	39.88	1.414e5	1.088e5	1.240	1.30	NO	1285.7	1285.7
6	103 PCB-148	39.77	39.77	8.292e3	5.271e3	1.240	1.19	NO	70.839	70.839
7	104 PCB-154	40.27	40.27	3.128e4	2.455e4	1.240	1.27	NO	313.88	313.88
8	105 PCB-151	40.94	40.94	1.899e5	1.459e5	1.240	1.29	NO	2178.5	2178.5

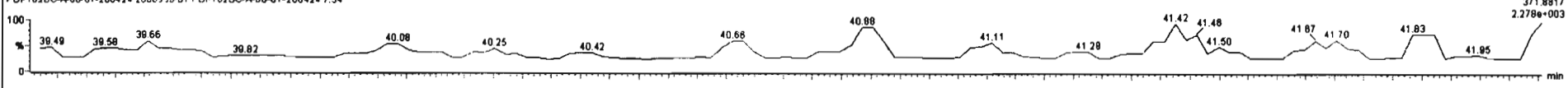
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 PDI-1828C-A-00-01-200424 2000959-01 PDI-1828C-A-00-01-200424 7.34



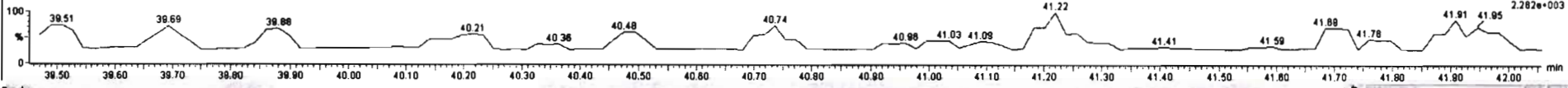
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200604K1\_7 8smooth(Mn,1x1)  
 PDI-1828C-A-00-01-200424 2000959-01 PDI-1828C-A-00-01-200424 7.34



200604K1\_7 8smooth(Mn,1x1)  
 PDI-1828C-A-00-01-200424 2000959-01 PDI-1828C-A-00-01-200424 7.34

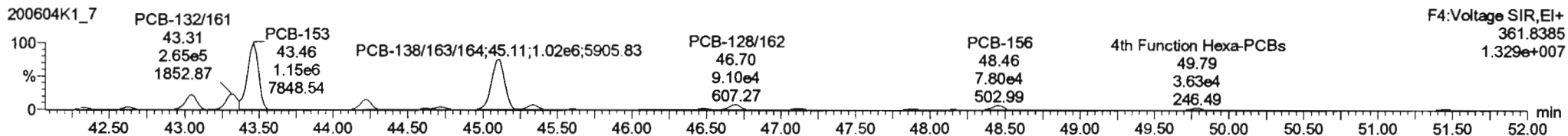
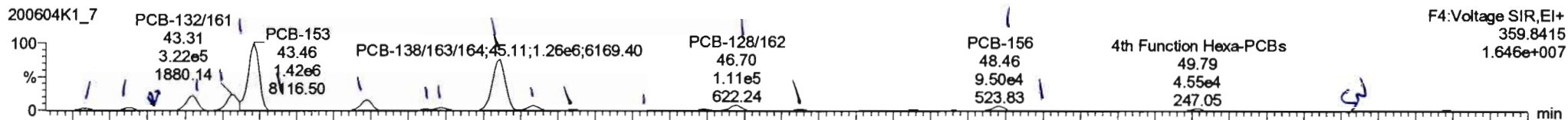


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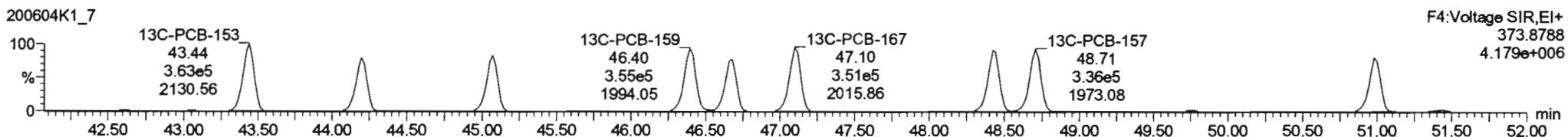
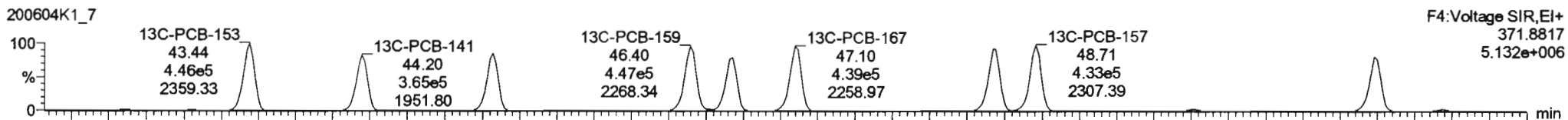
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Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

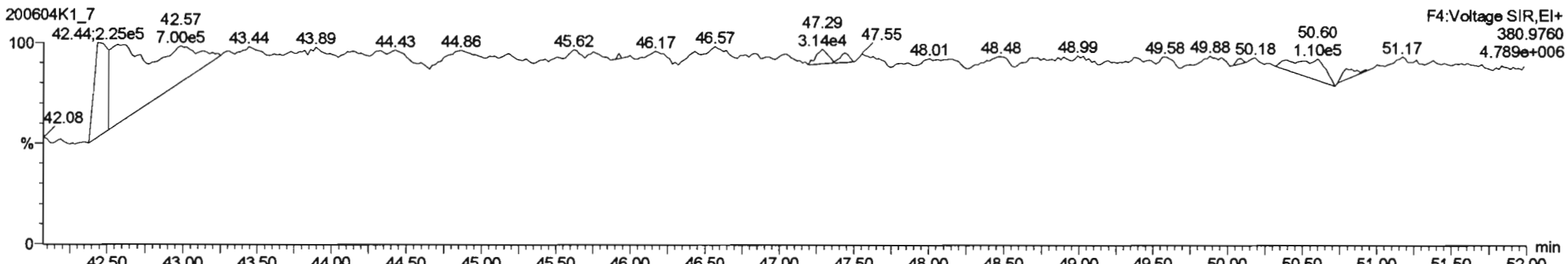
**PCB-134/143**



**13C-PCB-153**

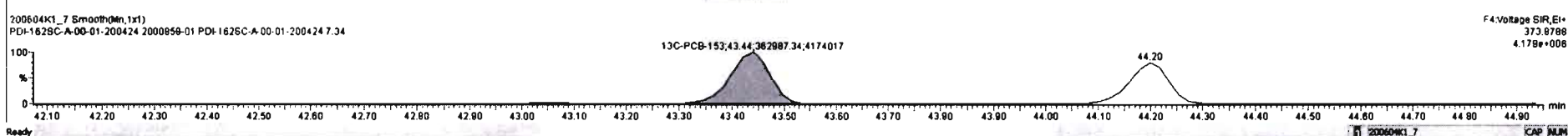
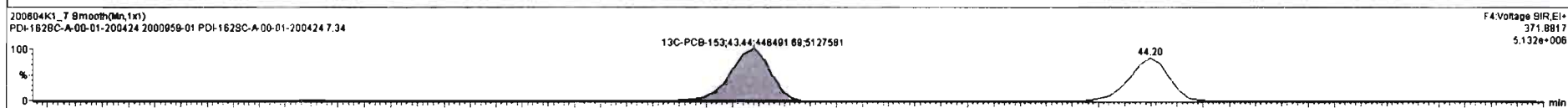
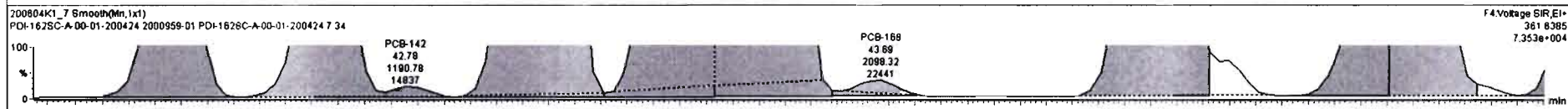
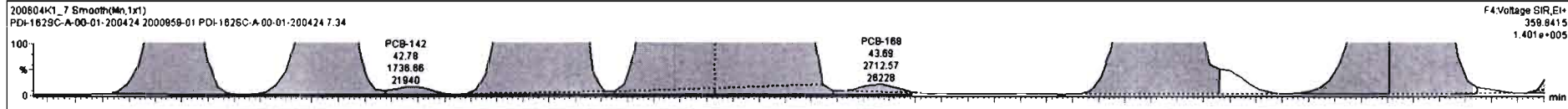


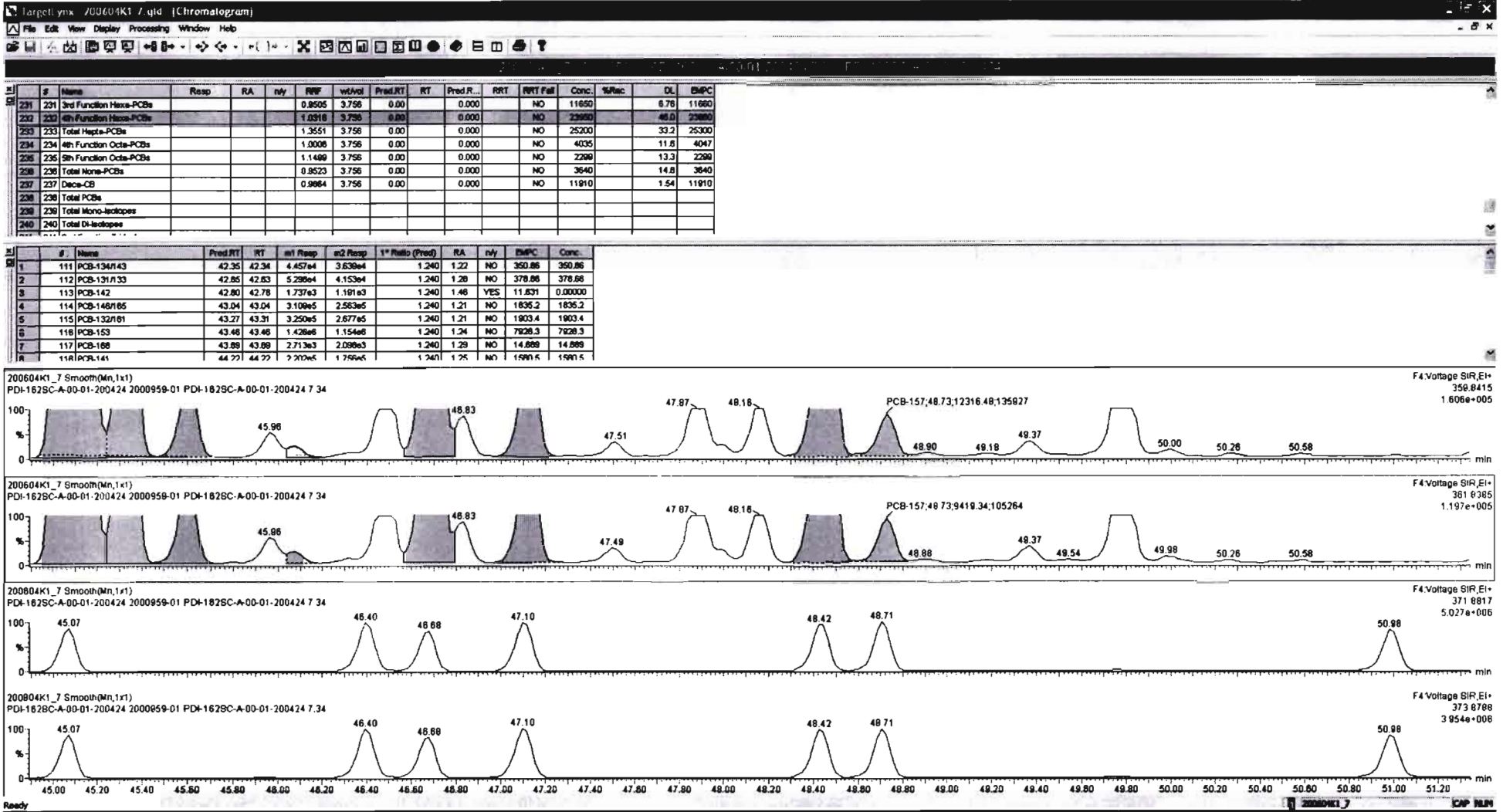
**PFK4b**



#	Name	Resp	RA	n/y	RFV	wt/vol	Pred.RT	RT	Pred.RT...	RFV	RFV Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.8505	3.756	0.00		0.000		NO	11850		6.78	11880
232	232 4th Function Hexa-PCBs				1.0216	3.756	0.00		0.000		NO	23945		46.0	23980
233	233 Total Hepta-PCBs				1.3551	3.756	0.00		0.000		NO	25300		33.2	25300
234	234 4th Function Octa-PCBs				1.0008	3.756	0.00		0.000		NO	4035		11.8	4047
235	235 5th Function Octa-PCBs				1.1488	3.756	0.00		0.000		NO	2288		13.3	2288
236	236 Total Nona-PCBs				0.8523	3.756	0.00		0.000		NO	3640		14.8	3640
237	237 Deca-CB				0.8684	3.756	0.00		0.000		NO	11910		1.54	11910
238	238 Total PCBs														
239	239 Total Mono-Isotopes														
240	240 Total Di-Isotopes														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.35	42.34	4.457e4	3.639e4	1.240	1.22	NO	350.86	350.86
2	112 PCB-131/133	42.85	42.83	5.286e4	4.153e4	1.240	1.28	NO	378.86	378.86
3	113 PCB-142	42.80	42.78	1.737e3	1.191e3	1.240	1.46	YES	11.631	0.00000
4	114 PCB-146/165	43.04	43.04	3.108e5	2.583e5	1.240	1.21	NO	1835.2	1835.2
5	115 PCB-132/161	43.27	43.31	3.250e5	2.877e5	1.240	1.21	NO	1903.4	1903.4
6	116 PCB-153	43.46	43.46	1.428e6	1.154e6	1.240	1.24	NO	7828.3	7828.3
7	117 PCB-168	43.89	43.89	2.713e3	2.098e3	1.240	1.29	NO	14.688	14.688
8	118 PCB-141	44.22	44.22	2.207e5	1.758e5	1.240	1.25	NO	1590.5	1590.5







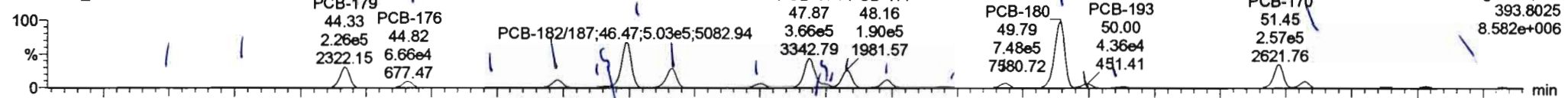
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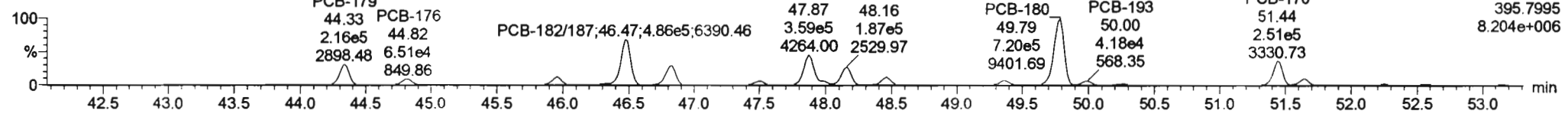
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**PCB-188**

200604K1\_7

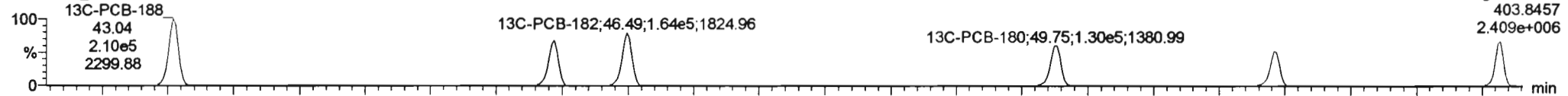


200604K1\_7

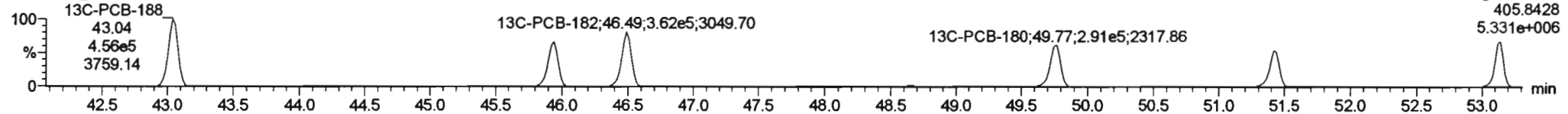


**13C-PCB-188**

200604K1\_7

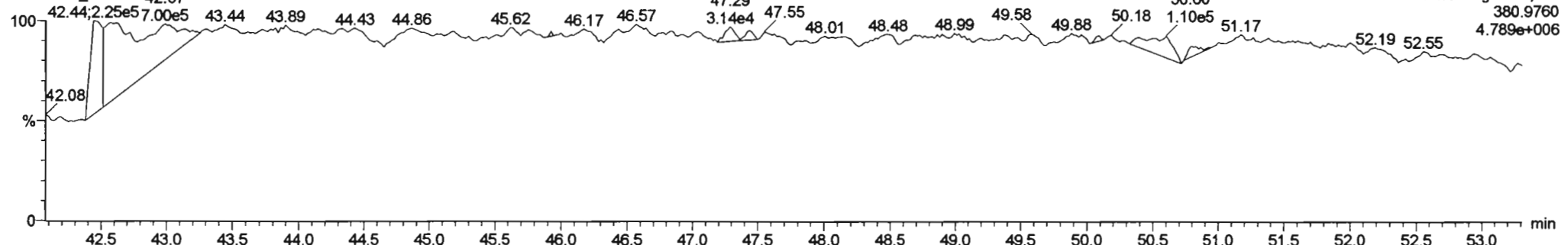


200604K1\_7



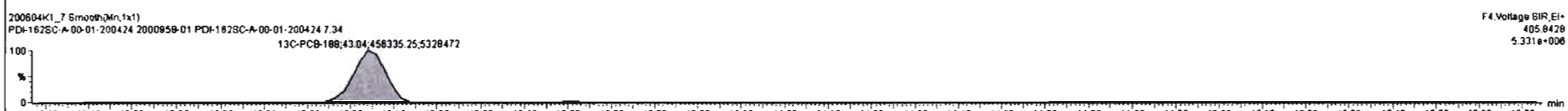
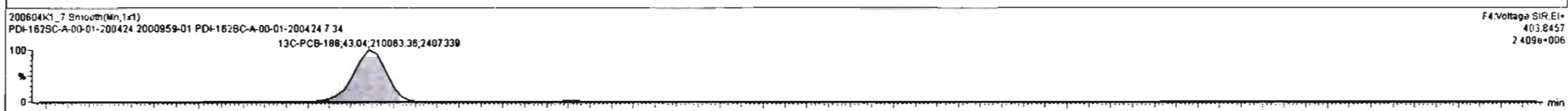
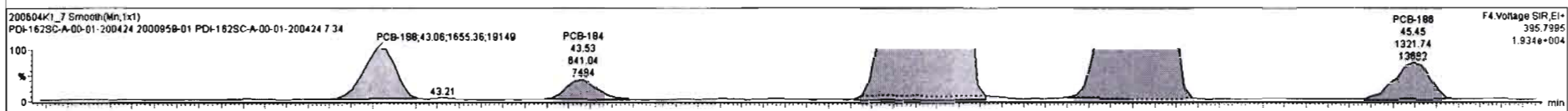
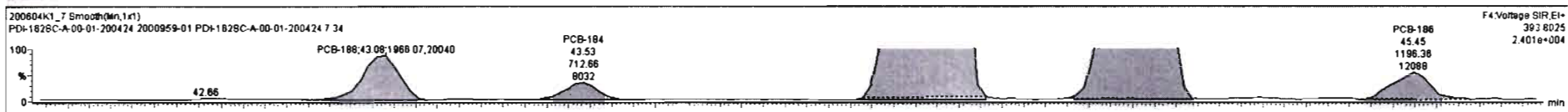
**PFK4c**

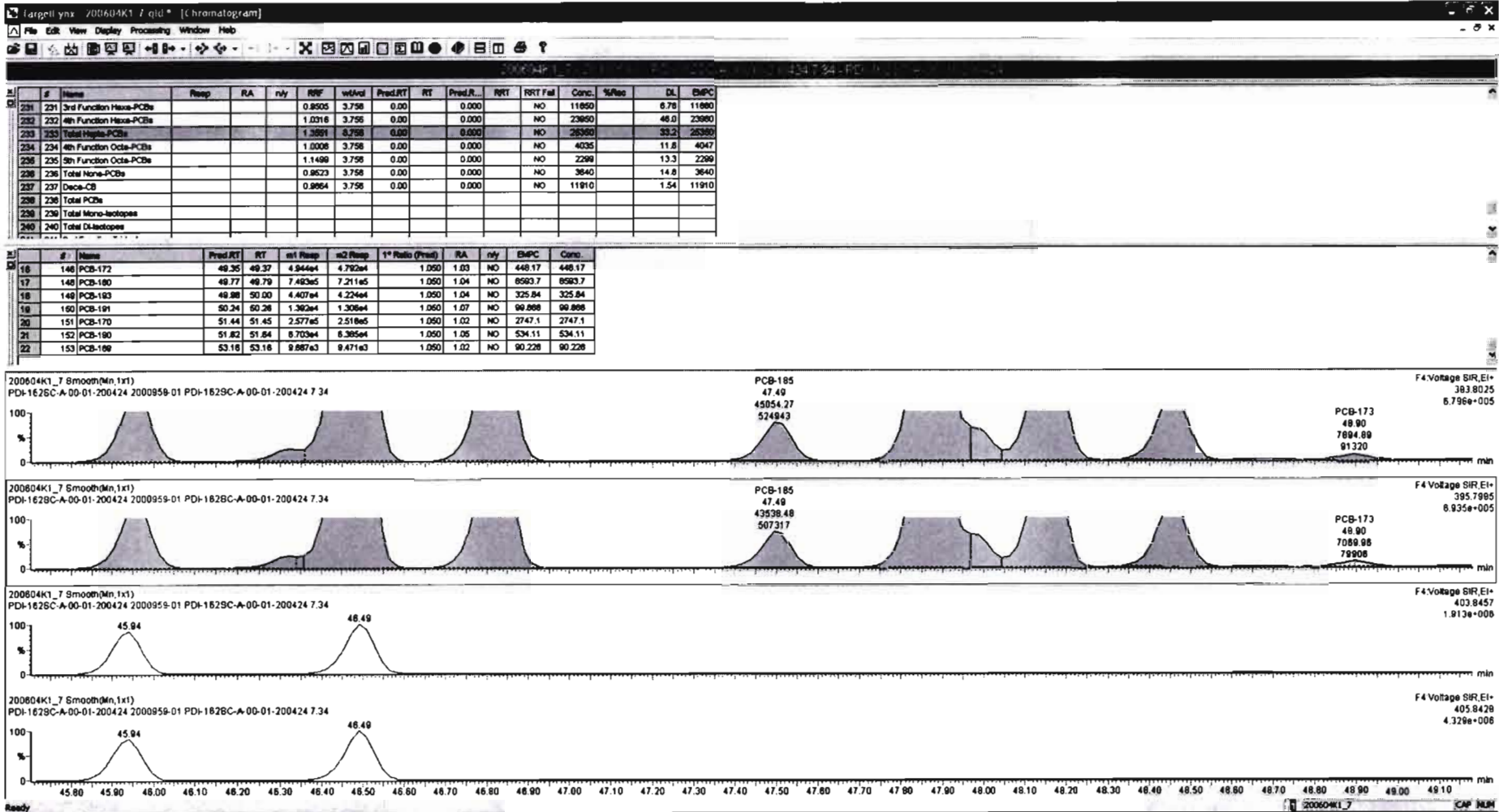
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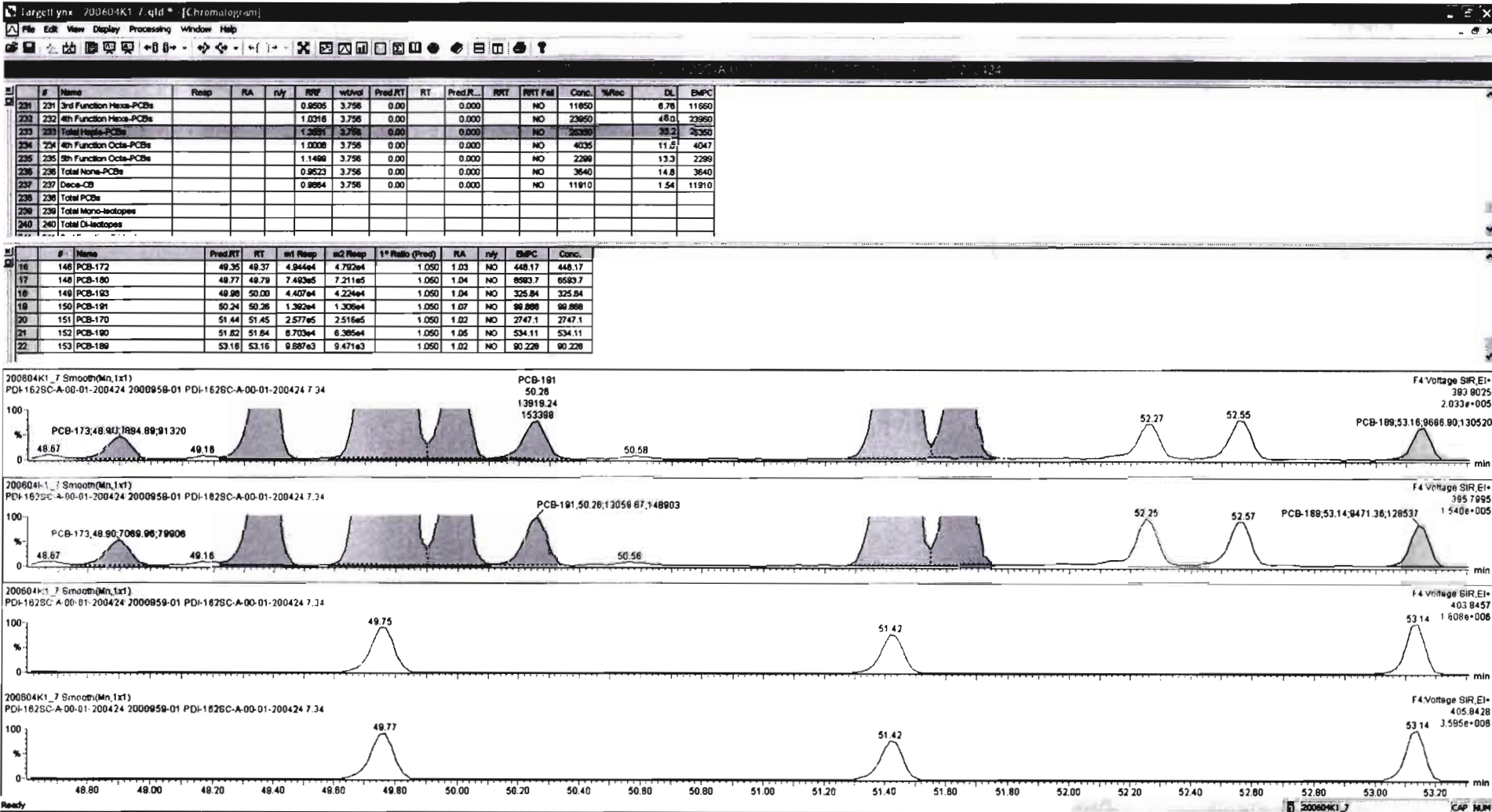


#	Name	Resp	RA	n/y	R/F	wt/det	Pred.RT	RT	Pred.R...	R/T	R/T Fail	Conc.	%Rec	DL	BMP
231	231 3rd Function Hexa-PCBs				0.9505	3.756	0.00		0.000		NO	11850		8.78	11850
232	232 4th Function Hexa-PCBs				1.0316	3.756	0.00		0.000		NO	23850		46.0	23850
233	233 Total Hexa-PCBs				1.2881	3.756	0.00		0.000		NO	25350		33.3	25350
234	234 4th Function Octa-PCBs				1.0008	3.756	0.00		0.000		NO	4035		11.6	4047
235	235 5th Function Octa-PCBs				1.1488	3.756	0.00		0.000		NO	2299		13.3	2299
236	236 Total Octa-PCBs				0.9523	3.756	0.00		0.000		NO	3640		14.6	3640
237	237 Deca-CB				0.9864	3.756	0.00		0.000		NO	11910		1.54	11910
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	BMP	Conc.
1	131 PCB-188	43.08	43.08	1.986e3	1.855e3	1.050	1.18	NO	11.219	11.219
2	132 PCB-184	43.53	43.53	7.127e2	8.410e2	1.050	1.11	NO	4.3911	4.3911
3	133 PCB-178	44.33	44.33	2.286e5	2.189e5	1.050	1.05	NO	1364.7	1364.7
4	134 PCB-176	44.80	44.82	8.867e4	6.521e4	1.050	1.02	NO	402.84	402.84
5	135 PCB-186	45.45	45.45	1.198e3	1.322e3	1.050	0.91	NO	7.5898	7.5898
6	136 PCB-178	45.98	45.98	8.388e4	8.104e4	1.050	1.03	NO	897.71	897.71
7	137 PCB-175	46.30	46.32	1.430e4	1.427e4	1.050	1.00	NO	119.38	119.38
IR	138 PCB-182/187	46.48	46.47	5.700e4	4.895e4	1.050	1.04	NO	3967.4	3967.4







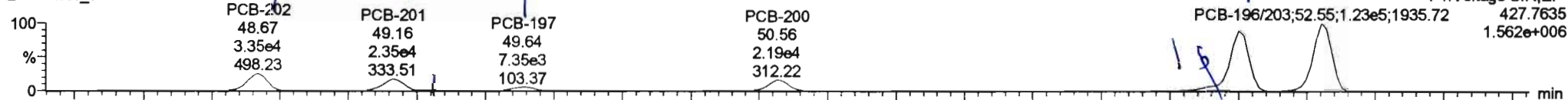
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Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

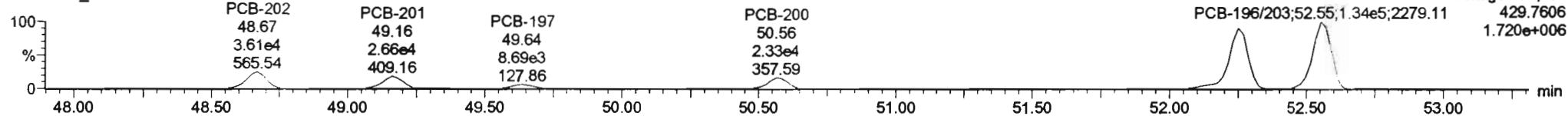
Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

**PCB-202**

200604K1\_7

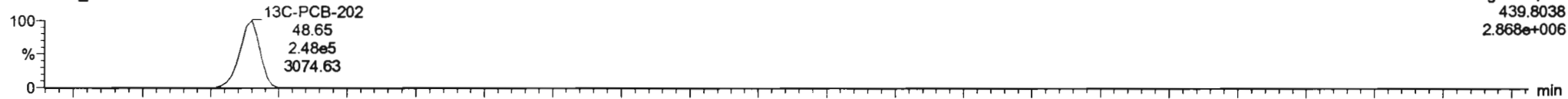


200604K1\_7

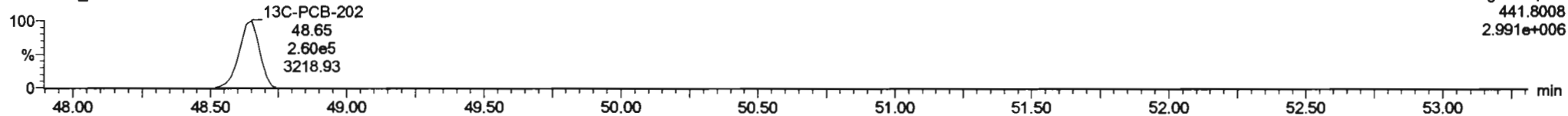


**13C-PCB-202**

200604K1\_7

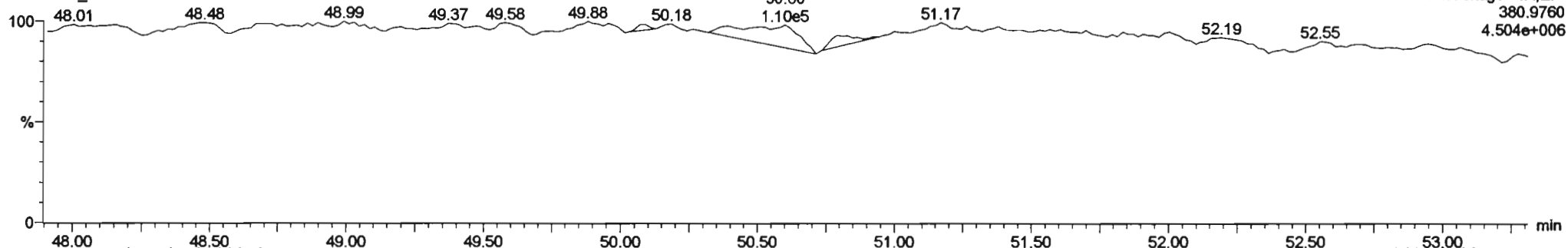


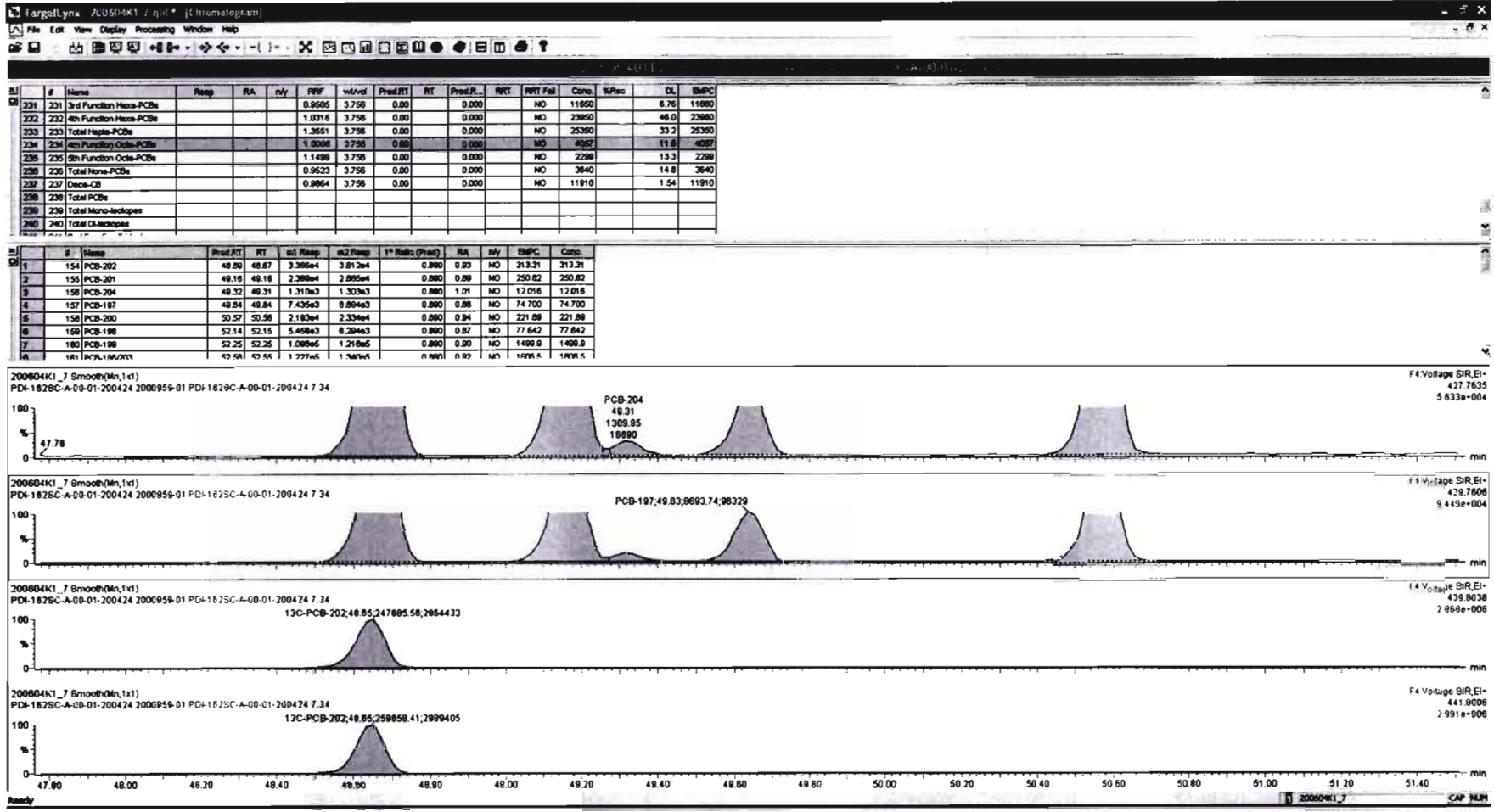
200604K1\_7



**PFK4d**

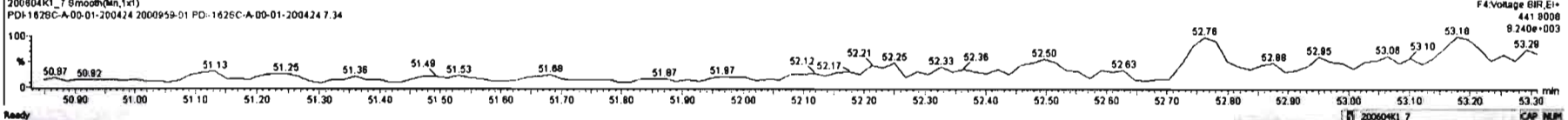
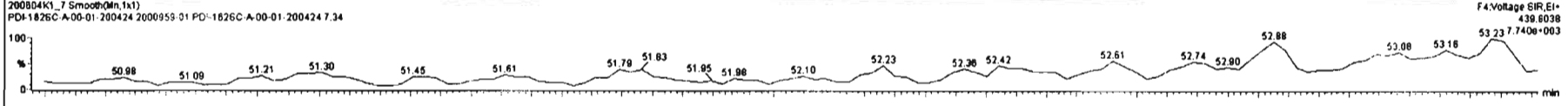
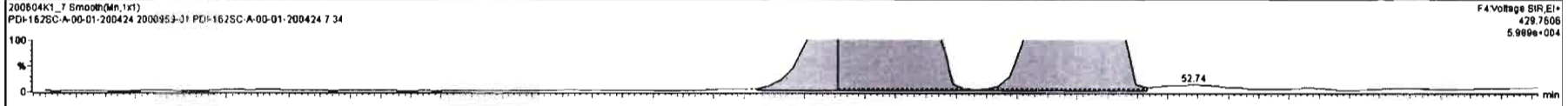
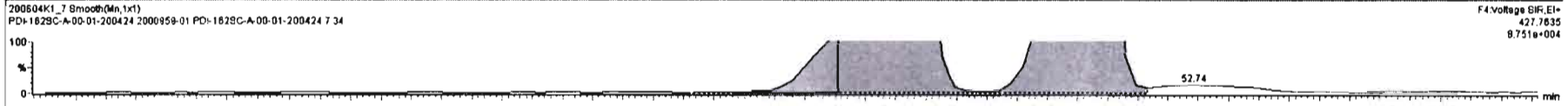
200604K1\_7





#	Name	Resp	RA	n/y	RRF	wtAvd	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	231 3rd Function Hexa-PCBs				0.9505	3.756	0.00		0.000		NO	11550		6.78	11880
232	232 4th Function Hexa-PCBs				1.0316	3.756	0.00		0.000		NO	23950		48.0	23880
233	233 Total Hepta-PCBs				1.3551	3.756	0.00		0.000		NO	25350		33.2	25350
234	234 4th Function Octa-PCBs				1.0008	3.756	0.00		0.000		NO	4067		11.8	4067
235	235 5th Function Octa-PCBs				1.1498	3.756	0.00		0.000		NO	2299		13.3	2299
236	236 Total Nona-PCBs				0.9523	3.756	0.00		0.000		NO	3640		14.8	3640
237	237 Deca-CB				0.9864	3.756	0.00		0.000		NO	11910		1.54	11910
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														

#	Name	Pred_RT	RT	Int Resp	n2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.88	48.87	3.389e4	3.812e4	0.890	0.93	NO	313.31	313.31
2	155 PCB-201	48.18	48.16	2.369e4	2.885e4	0.890	0.89	NO	250.82	250.82
3	156 PCB-204	48.32	48.31	1.310e3	1.303e3	0.890	1.01	NO	12.018	12.018
4	157 PCB-197	48.84	48.84	7.435e3	8.894e3	0.890	0.86	NO	74.700	74.700
5	158 PCB-200	50.57	50.98	2.193e4	2.334e4	0.890	0.94	NO	221.88	221.88
6	159 PCB-188	52.14	52.15	5.458e3	6.294e3	0.890	0.87	NO	77.842	77.842
7	180 PCB-186	52.25	52.25	1.080e5	1.210e5	0.890	0.90	NO	1499.9	1499.9
8	181 PCB-189/203	52.98	52.98	1.227e4	1.347e4	0.890	0.92	NO	1898.5	1898.5

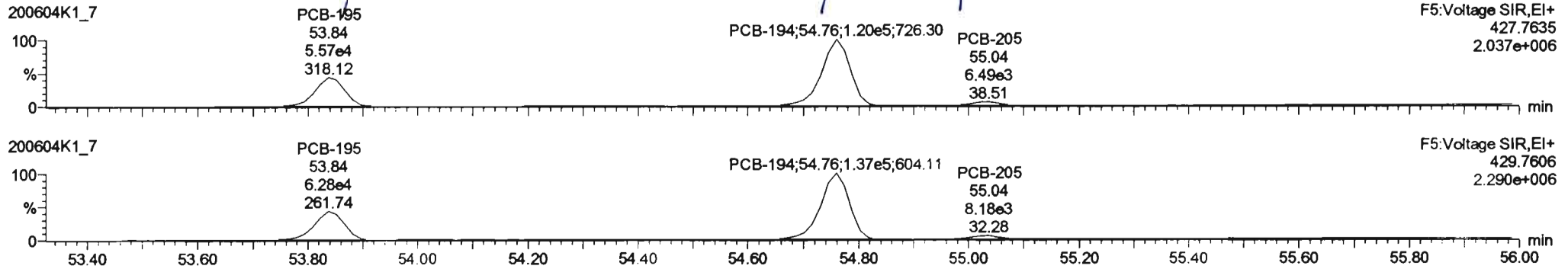


Dataset: Untitled

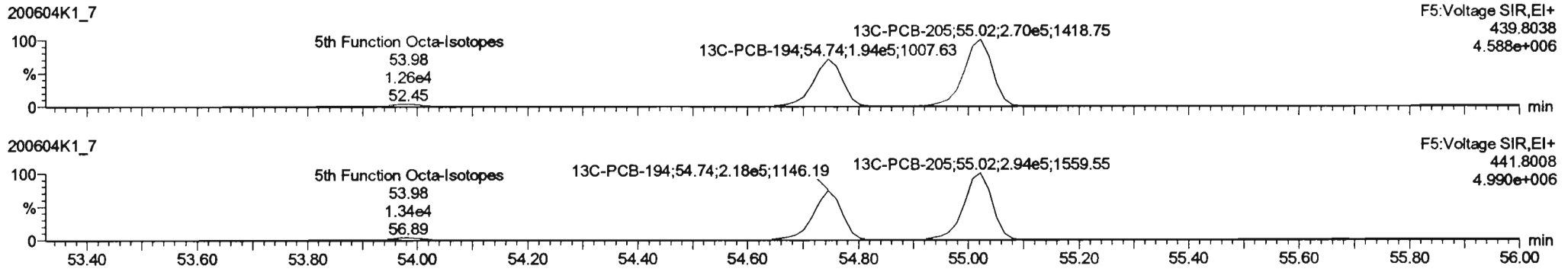
Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
 Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

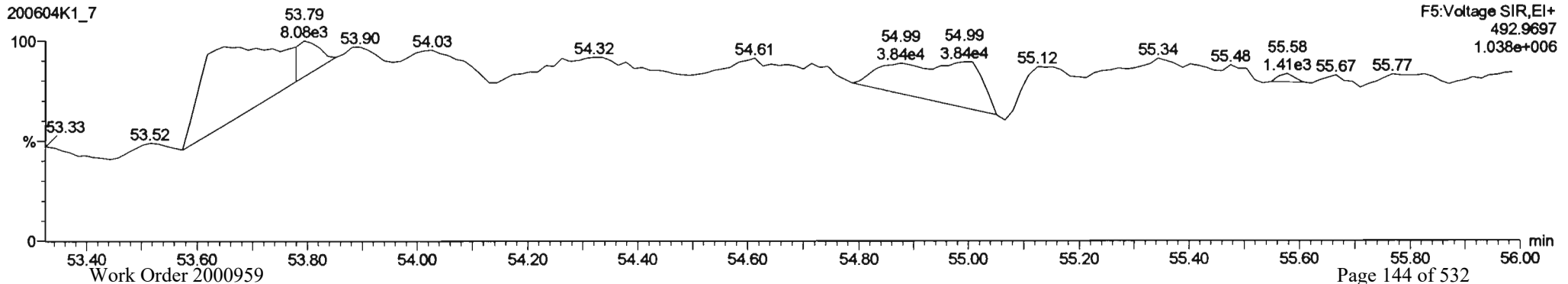
**PCB-195**



**13C-PCB-194**



**PFK5a**



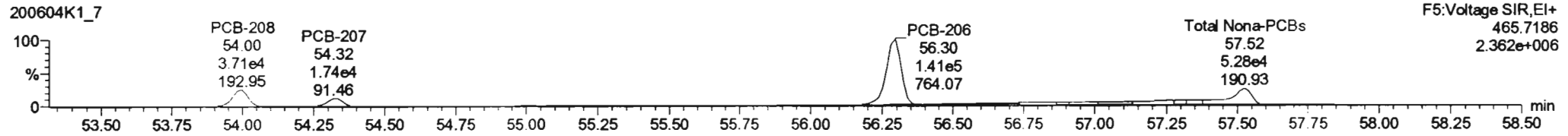
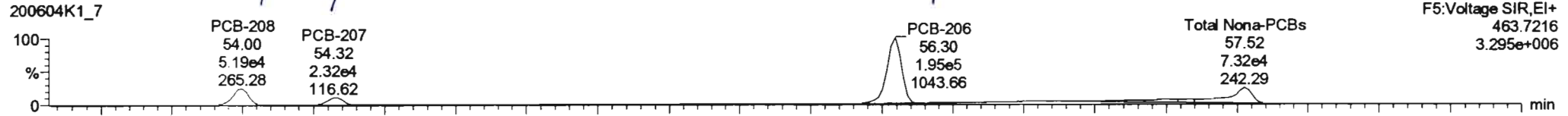


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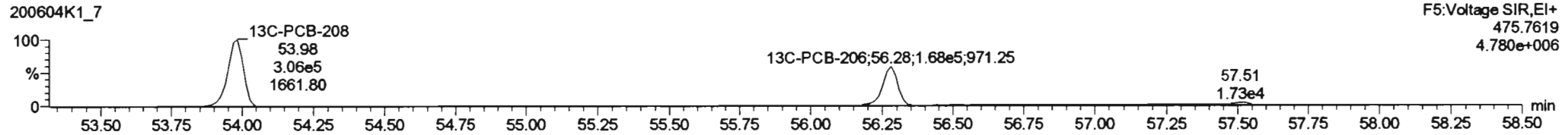
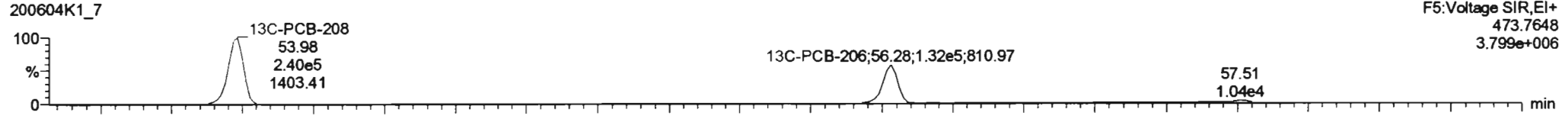
Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

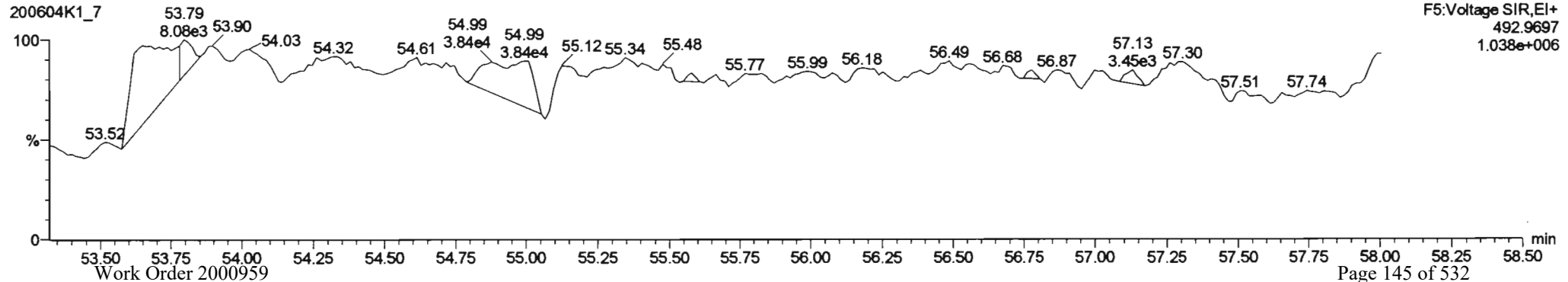
**PCB-208**



**13C-PCB-208**



**PFK5**



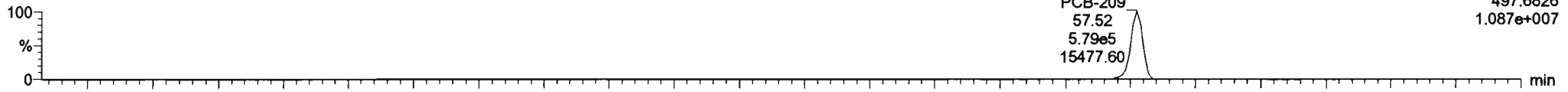
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Last Altered: Saturday, June 06, 2020 09:37:56 Pacific Daylight Time  
Printed: Saturday, June 06, 2020 09:42:03 Pacific Daylight Time

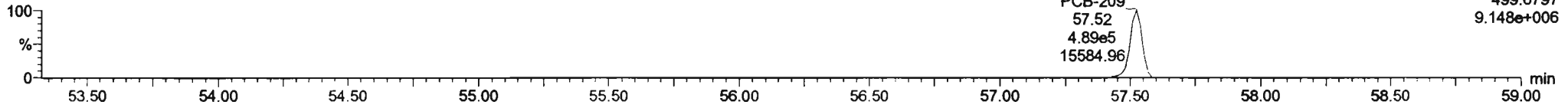
Name: 200604K1\_7, Date: 04-Jun-2020, Time: 14:23:55, ID: 2000959-01 PDI-162SC-A-00-01-200424 7.34, Description: PDI-162SC-A-00-01-200424

**PCB-209**

200604K1\_7

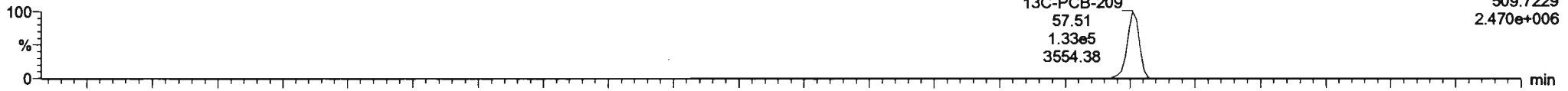


200604K1\_7

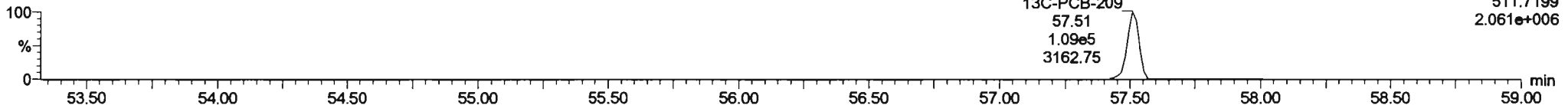


**13C-PCB-209**

200604K1\_7

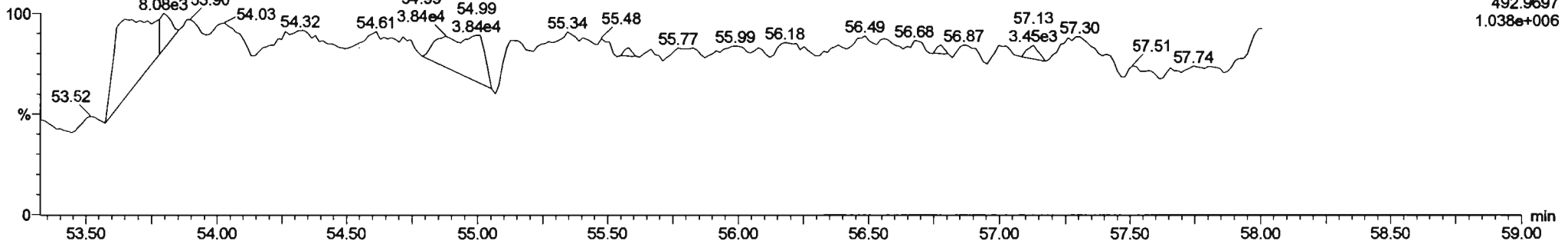


200604K1\_7



**PFK5b**

200604K1\_7



**CONTINUING CALIBRATION**

# HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

**Beg. Calibration ID:** ST200603K1-1

**Reviewed By:** CT 06/04/2020

*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"/> NA
<b>Concentrations within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>TCDD/TCDF Valleys &lt;25%</b>	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
<b>First and last eluters present?</b>	<input checked="" 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>HL</u>	<u>HL</u>
<b>Run Log:</b>		
- Correct instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NA
- Samples within 12 hour clock?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
- Bottle position verified?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> HL

**Mass resolution ≥**

5k     6-8K     8K     10K  
 1614    1699    429    1613/1668/8280

**Intergrated peaks display correctly?**

**GC Break <20%**

NA

**8280 CS1 End Standard:**

- Ratios within limits, S/N <2.5:1, CS1 within 12 hours

	<u>Beg.</u>	<u>End</u>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NA
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Comments:**

(A) 1 mass under IDIC  
 (B) 1 mass affected by column bleed

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:43:46 Pacific Daylight Time

*hr 6-4-2020*

*CT 06/04/2020*

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	1.70e6	3.12	NO	1.17	1.000	15.52	15.53	1.001	1.001	NO	53.91	108	0.00733	53.91
2	2 PCB-2	1.74e6	3.14	NO	1.18	1.000	17.94	17.94	0.988	0.988	NO	53.86	108	0.00732	53.86
3	3 PCB-3	1.71e6	3.12	NO	1.15	1.000	18.17	18.18	1.001	1.001	NO	54.53	109	0.00753	54.53
4	4 PCB-4/10	2.78e6	1.54	NO	1.25	1.000	19.59	19.59	1.004	1.004	NO	110.0	110	0.0548	110.0
5	5 PCB-7/9	3.41e6	1.56	NO	0.960	1.000	21.40	21.39	1.003	1.002	NO	109.3	109	0.0449	109.3
6	6 PCB-6	1.80e6	1.55	NO	1.02	1.000	22.05	22.05	1.033	1.033	NO	54.25	109	0.0421	54.25
7	7 PCB-5/8	3.56e6	1.57	NO	0.992	1.000	22.45	22.45	1.052	1.052	NO	110.4	110	0.0434	110.4
8	8 PCB-14	1.80e6	1.56	NO	1.02	1.000	23.60	23.59	0.952	0.951	NO	55.23	110	0.0444	55.23
9	9 PCB-11	1.94e6	1.57	NO	1.13	1.000	24.81	24.81	1.001	1.001	NO	53.55	107	0.0401	53.55
10	10 PCB-12/13	3.64e6	1.55	NO	1.03	1.000	25.25	25.18	1.018	1.016	NO	110.5	111	0.0439	110.5
11	11 PCB-15	1.84e6	1.53	NO	1.03	1.000	25.56	25.54	1.031	1.030	NO	55.35	111	0.0436	55.35
12	12 PCB-19	8.58e5	1.02	NO	1.11	1.000	23.78	23.77	1.001	1.001	NO	53.39	107	0.0232	53.39
13	13 PCB-30	1.40e6	1.03	NO	1.79	1.000	24.68	24.69	1.039	1.039	NO	53.75	108	0.0143	53.75
14	14 PCB-18	9.33e5	1.03	NO	0.818	1.000	25.46	25.45	0.952	0.951	NO	53.71	107	0.0228	53.71
15	15 PCB-17	8.86e5	1.04	NO	0.758	1.000	25.63	25.64	0.958	0.958	NO	54.99	110	0.0246	54.99
16	16 PCB-24/27	2.50e6	1.02	NO	1.08	1.000	26.25	26.23	0.981	0.980	NO	108.7	109	0.0172	108.7
17	17 PCB-16/32	2.15e6	1.03	NO	0.925	1.000	26.77	26.76	1.001	1.000	NO	109.2	109	0.0202	109.2
18	18 PCB-34	1.46e6	1.02	NO	0.945	1.000	27.56	27.58	0.959	0.959	NO	53.06	106	0.0218	53.06
19	19 PCB-23	1.61e6	1.05	NO	0.883	1.000	27.65	27.67	0.962	0.962	NO	62.50	125	0.0233	62.50
20	20 PCB-29	1.51e6	1.02	NO	0.893	1.000	27.91	27.93	0.971	0.972	NO	58.11	116	0.0230	58.11
21	21 PCB-26	1.61e6	1.04	NO	0.944	1.000	28.14	28.14	0.979	0.979	NO	58.59	117	0.0218	58.59
22	22 PCB-25	1.60e6	1.04	NO	0.950	1.000	28.29	28.31	0.984	0.984	NO	57.82	116	0.0217	57.82
23	23 PCB-31	1.85e6	1.02	NO	1.04	1.000	28.66	28.68	0.997	0.997	NO	61.44	123	0.0198	61.44
24	24 PCB-28	1.68e6	1.01	NO	1.03	1.000	28.77	28.79	1.001	1.001	NO	56.25	112	0.0201	56.25
25	25 PCB-20/21/33	4.77e6	1.02	NO	0.941	1.000	29.41	29.40	1.023	1.023	NO	174.3	116	0.0218	174.3
26	26 PCB-22	1.67e6	1.04	NO	0.973	1.000	29.85	29.87	1.038	1.039	NO	58.84	118	0.0211	58.84
27	27 PCB-36	1.70e6	1.03	NO	1.08	1.000	30.50	30.50	0.931	0.931	NO	56.06	112	0.0208	56.06
28	28 PCB-39	1.58e6	1.04	NO	0.988	1.000	30.98	30.99	0.946	0.946	NO	56.85	114	0.0226	56.85
29	29 PCB-38	1.64e6	1.02	NO	1.05	1.000	31.78	31.78	0.970	0.970	NO	55.43	111	0.0213	55.43
30	30 PCB-35	1.64e6	1.04	NO	1.04	1.000	32.32	32.33	0.987	0.987	NO	55.84	112	0.0214	55.84
31	31 PCB-37	1.62e6	1.03	NO	1.01	1.000	32.77	32.77	1.001	1.001	NO	56.80	114	0.0222	56.80
32	32 PCB-54	1.17e6	0.78	NO	1.08	1.000	27.62	27.64	1.001	1.001	NO	55.52	111	0.0211	55.52

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:43:46 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 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.	%Ret	DL	EMPC
33	33 PCB-50	9.49e5	0.76	NO	0.880	1.000	28.81	28.83	1.044	1.044	NO	55.21	110	0.0259	55.21
34	34 PCB-53	8.91e5	0.76	NO	0.997	1.000	29.49	29.50	0.944	0.944	NO	56.21	112	0.0286	56.21
35	35 PCB-51	9.47e5	0.76	NO	1.07	1.000	29.84	29.85	0.955	0.955	NO	55.93	112	0.0268	55.93
36	36 PCB-45	7.57e5	0.76	NO	0.858	1.000	30.29	30.30	0.969	0.970	NO	55.47	111	0.0332	55.47
37	37 PCB-46	7.25e5	0.76	NO	0.831	1.000	30.78	30.80	0.985	0.986	NO	54.91	110	0.0343	54.91
38	38 PCB-52/69	2.06e6	0.76	NO	1.17	1.000	31.28	31.28	1.001	1.001	NO	110.9	111	0.0245	110.9
39	39 PCB-73	1.23e6	0.79	NO	1.44	1.000	31.39	31.41	1.005	1.005	NO	53.50	107	0.0198	53.50
40	40 PCB-43/49	1.76e6	0.76	NO	1.02	1.000	31.57	31.58	1.010	1.011	NO	108.6	109	0.0281	108.6
41	41 PCB-47	8.64e5	0.76	NO	0.922	1.000	31.79	31.80	1.001	1.001	NO	55.40	111	0.0284	55.40
42	42 PCB-48/75	2.06e6	0.75	NO	1.12	1.000	31.90	31.92	1.004	1.005	NO	108.6	109	0.0234	108.6
43	43 PCB-65	1.13e6	0.77	NO	1.28	1.000	32.17	32.18	1.013	1.013	NO	51.93	104	0.0204	51.93
44	44 PCB-62	1.10e6	0.77	NO	1.13	1.000	32.28	32.29	1.016	1.016	NO	57.59	115	0.0232	57.59
45	45 PCB-44	7.55e5	0.75	NO	0.824	1.000	32.61	32.62	1.026	1.027	NO	54.13	108	0.0318	54.13
46	46 PCB-42/59	1.95e6	0.76	NO	1.05	1.000	32.83	32.85	1.033	1.034	NO	109.8	110	0.0250	109.8
47	47 PCB-41/64/71/72	4.44e6	0.77	NO	1.19	1.000	33.45	33.46	1.053	1.053	NO	221.2	111	0.0221	221.2
48	48 PCB-68	1.17e6	0.76	NO	1.28	1.000	33.70	33.72	1.061	1.061	NO	53.99	108	0.0205	53.99
49	49 PCB-40	5.68e5	0.76	NO	0.602	1.000	33.93	33.94	1.068	1.069	NO	55.82	112	0.0435	55.82
50	50 PCB-57	1.24e6	0.76	NO	1.16	1.000	34.30	34.32	0.969	0.970	NO	54.94	110	0.0203	54.94
51	51 PCB-67	1.19e6	0.76	NO	1.08	1.000	34.62	34.63	0.978	0.978	NO	56.68	113	0.0217	56.68
52	52 PCB-58	1.27e6	0.77	NO	1.20	1.000	34.73	34.74	0.981	0.982	NO	54.61	109	0.0196	54.61
53	53 PCB-63	1.15e6	0.77	NO	1.07	1.000	34.90	34.91	0.986	0.986	NO	55.41	111	0.0220	55.41
54	54 PCB-74	1.25e6	0.79	NO	1.19	1.000	35.20	35.21	0.994	0.995	NO	54.62	109	0.0199	54.62
55	55 PCB-61/70	2.33e6	0.75	NO	1.05	1.000	35.41	35.34	1.000	0.998	NO	114.2	114	0.0224	114.2
56	56 PCB-76/66	2.49e6	0.77	NO	1.16	1.000	35.60	35.60	1.006	1.006	NO	110.4	110	0.0202	110.4
57	57 PCB-80	1.30e6	0.76	NO	1.19	1.000	35.86	35.86	1.001	1.001	NO	54.76	110	0.0188	54.76
58	58 PCB-55	1.29e6	0.76	NO	1.17	1.000	36.20	36.19	1.010	1.010	NO	55.19	110	0.0191	55.19
59	59 PCB-56/60	2.27e6	0.76	NO	1.02	1.000	36.70	36.70	1.024	1.024	NO	111.0	111	0.0219	111.0
60	60 PCB-79	1.25e6	0.77	NO	1.14	1.000	37.80	37.80	1.055	1.055	NO	54.92	110	0.0196	54.92
61	61 PCB-78	1.19e6	0.75	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	54.97	110	0.0208	54.97
62	62 PCB-81	1.09e6	0.77	NO	1.05	1.000	39.06	39.06	1.000	1.000	NO	54.99	110	0.0226	54.99
63	63 PCB-77	1.17e6	0.78	NO	1.14	1.000	39.68	39.67	1.000	1.000	NO	55.25	110	0.0210	55.25
64	64 PCB-104	7.71e5	1.60	NO	1.12	1.000	32.46	32.47	1.001	1.001	NO	53.25	107	0.0195	53.25
65	65 PCB-96	7.66e5	1.58	NO	1.15	1.000	33.76	33.78	1.041	1.041	NO	51.44	103	0.0189	51.44
66	66 PCB-103	6.06e5	1.60	NO	0.936	1.000	34.30	34.33	1.058	1.059	NO	50.17	100	0.0233	50.17
67	67 PCB-100	6.19e5	1.54	NO	0.954	1.000	34.67	34.69	1.069	1.069	NO	50.33	101	0.0229	50.33
68	68 PCB-94	4.88e5	1.57	NO	0.949	1.000	35.19	35.19	0.985	0.985	NO	51.46	103	0.0291	51.46

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:43:46 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.90e6	1.56	NO	1.20	1.000	35.67	35.67	0.999	0.999	NO	157.7	105	0.0229	157.7
70	70 PCB-93	4.53e5	1.60	NO	0.935	1.000	35.79	35.81	1.002	1.003	NO	48.46	96.9	0.0295	48.46
71	71 PCB-88/91	1.09e6	1.77	NO	1.06	1.000	36.14	36.14	1.012	1.012	NO	102.7	103	0.0259	102.7
72	72 PCB-121	8.74e5	1.37	NO	1.71	1.000	36.23	36.23	1.015	1.015	NO	51.13	102	0.0161	51.13
73	73 PCB-84/92	1.03e6	1.58	NO	1.02	1.000	37.10	37.09	0.990	0.990	NO	101.5	102	0.0269	101.5
74	74 PCB-89	5.69e5	1.57	NO	1.11	1.000	37.27	37.28	0.995	0.995	NO	51.38	103	0.0248	51.38
75	75 PCB-90/101	1.14e6	1.56	NO	1.12	1.000	37.48	37.46	1.000	1.000	NO	101.2	101	0.0244	101.2
76	76 PCB-113	8.03e5	1.54	NO	1.51	1.000	37.72	37.72	1.007	1.007	NO	52.93	106	0.0181	52.93
77	77 PCB-99	6.26e5	1.59	NO	1.32	1.000	37.81	37.81	1.009	1.009	NO	47.32	94.6	0.0207	47.32
78	78 PCB-119	7.96e5	1.58	NO	1.81	1.000	38.30	38.30	0.987	0.987	NO	50.49	101	0.0174	50.49
79	79 PCB-108/112	1.31e6	1.56	NO	1.44	1.000	38.45	38.45	0.991	0.991	NO	103.5	104	0.0218	103.5
80	80 PCB-83	8.14e5	1.57	NO	1.83	1.000	38.61	38.61	0.995	0.995	NO	50.89	102	0.0172	50.89
81	81 PCB-97	5.70e5	1.56	NO	1.28	1.000	38.82	38.82	1.000	1.000	NO	50.92	102	0.0245	50.92
82	82 PCB-86	5.48e5	1.57	NO	1.12	1.000	38.99	38.99	1.005	1.005	NO	56.24	112	0.0282	56.24
83	83 PCB-87/117/125	2.09e6	1.58	NO	1.56	1.000	39.12	39.12	1.008	1.008	NO	153.7	102	0.0202	153.7
84	84 PCB-111/115	1.68e6	1.67	NO	1.91	1.000	39.27	39.27	1.012	1.012	NO	100.7	101	0.0165	100.7
85	85 PCB-85/116	1.26e6	1.47	NO	1.41	1.000	39.40	39.40	1.015	1.015	NO	102.6	103	0.0223	102.6
86	86 PCB-120	9.03e5	1.59	NO	2.01	1.000	39.66	39.66	1.022	1.022	NO	51.61	103	0.0157	51.61
87	87 PCB-110	7.75e5	1.59	NO	1.74	1.000	39.81	39.81	1.026	1.026	NO	50.96	102	0.0181	50.96
88	88 PCB-82	4.65e5	1.54	NO	0.781	1.000	40.44	40.44	0.976	0.976	NO	50.89	102	0.0307	50.89
89	89 PCB-124	7.91e5	1.56	NO	1.40	1.000	41.15	41.15	0.993	0.993	NO	48.38	96.8	0.0172	48.38
90	90 PCB-107/109	1.65e6	1.57	NO	1.34	1.000	41.29	41.29	0.996	0.996	NO	104.9	105	0.0179	104.9
91	91 PCB-123	7.41e5	1.56	NO	1.20	1.000	41.46	41.48	1.000	1.001	NO	52.85	106	0.0200	52.85
92	92 PCB-106/118	1.57e6	1.57	NO	1.22	1.000	41.67	41.69	1.001	1.001	NO	105.4	105	0.0190	105.4
93	93 PCB-114	1.16e6	1.54	NO	1.14	1.000	42.32	42.34	1.000	1.001	NO	54.50	109	0.0230	54.50
94	94 PCB-122	1.03e6	1.58	NO	0.944	1.000	42.47	42.47	1.004	1.004	NO	58.59	117	0.0278	58.59
95	95 PCB-105	1.11e6	1.59	NO	1.05	1.000	43.21	43.23	1.000	1.001	NO	55.27	111	0.0244	55.27
96	96 PCB-127	1.17e6	1.57	NO	1.06	1.000	43.57	43.57	1.000	1.000	NO	56.01	112	0.0232	56.01
97	97 PCB-126	1.23e6	1.58	NO	1.17	1.000	45.52	45.52	1.000	1.000	NO	55.21	110	0.0220	55.21
98	98 PCB-155	4.30e5	1.29	NO	1.04	1.000	37.00	37.01	1.000	1.001	NO	47.68	95.4	0.0125	47.68
99	99 PCB-150	4.58e5	1.29	NO	1.08	1.000	38.32	38.32	1.036	1.036	NO	48.96	97.9	0.0120	48.96
100	1... PCB-152	5.01e5	1.33	NO	1.19	1.000	38.80	38.80	1.049	1.049	NO	48.88	97.8	0.0110	48.88
101	1... PCB-145	4.96e5	1.28	NO	1.19	1.000	39.27	39.27	1.062	1.062	NO	48.33	96.7	0.0110	48.33
102	1... PCB-136	4.32e5	1.27	NO	1.02	1.000	39.60	39.60	1.071	1.071	NO	48.98	98.0	0.0128	48.98
103	1... PCB-148	3.35e5	1.28	NO	0.842	1.000	39.71	39.71	1.074	1.074	NO	46.16	92.3	0.0155	46.16
104	1... PCB-154	3.72e5	1.31	NO	0.919	1.000	40.21	40.22	1.087	1.088	NO	46.87	93.7	0.0142	46.87

Handwritten note: 75-175 (with arrow pointing to rows 75-104)

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time  
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Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	R/R	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	3.23e5	1.30	NO	0.787	1.000	40.88	40.87	1.105	1.105	NO	47.60	95.2	0.0166	47.60
106	1... PCB-135	3.83e5	1.28	NO	0.922	1.000	41.11	41.11	1.112	1.112	NO	48.12	96.2	0.0141	48.12
107	1... PCB-144	3.23e5	1.31	NO	0.789	1.000	41.22	41.20	1.115	1.114	NO	47.47	94.9	0.0165	47.47
108	1... PCB-147	3.43e5	1.29	NO	0.834	1.000	41.35	41.35	1.118	1.118	NO	47.62	95.2	0.0156	47.62
109	1... PCB-139/149	7.78e5	1.27	NO	0.948	1.000	41.62	41.61	1.125	1.125	NO	95.09	95.1	0.0137	95.09
110	1... PCB-140	3.31e5	1.28	NO	0.794	1.000	41.82	41.81	1.131	1.131	NO	48.25	96.5	0.0164	48.25
111	1... PCB-134/143	1.25e6	1.25	NO	0.759	1.000	42.28	42.26	0.975	0.975	NO	110.6	111	0.0818	110.6
112	1... PCB-131/133	1.34e6	1.24	NO	0.821	1.000	42.57	42.57	0.982	0.982	NO	109.9	110	0.0756	109.9
113	1... PCB-142	5.96e5	1.22	NO	0.754	1.000	42.72	42.74	0.985	0.986	NO	53.05	106	0.0823	53.05
114	1... PCB-146/165	1.65e6	1.24	NO	1.02	1.000	42.97	42.97	0.991	0.991	NO	109.0	109	0.0610	109.0
115	1... PCB-132/161	1.65e6	1.24	NO	1.02	1.000	43.20	43.19	0.996	0.996	NO	108.1	108	0.0606	108.1
116	1... PCB-153	8.45e5	1.25	NO	1.07	1.000	43.38	43.40	1.000	1.001	NO	52.97	106	0.0580	52.97
117	1... PCB-168	8.64e5	1.23	NO	1.08	1.000	43.61	43.61	1.006	1.006	NO	53.84	108	0.0576	53.84
118	1... PCB-141	6.76e5	1.24	NO	1.03	1.000	44.16	44.16	1.000	1.000	NO	53.61	107	0.0734	53.61
119	1... PCB-137	6.57e5	1.24	NO	1.11	1.000	44.56	44.56	1.010	1.009	NO	48.20	96.4	0.0678	48.20
120	1... PCB-130	6.21e5	1.25	NO	0.885	1.000	44.66	44.65	1.012	1.012	NO	57.18	114	0.0851	57.18
121	1... PCB-138/163/164	2.64e6	1.24	NO	1.28	1.000	45.03	45.05	1.001	1.001	NO	163.4	109	0.0579	163.4
122	1... PCB-158/160	1.69e6	1.25	NO	1.24	1.000	45.28	45.30	1.006	1.007	NO	108.3	108	0.0599	108.3
123	1... PCB-129	6.03e5	1.23	NO	0.867	1.000	45.54	45.54	1.012	1.012	NO	55.24	110	0.0857	55.24
124	1... PCB-166	9.79e5	1.23	NO	1.14	1.000	46.01	46.02	0.993	0.993	NO	54.67	109	0.0526	54.67
125	1... PCB-159	1.02e6	1.24	NO	1.22	1.000	46.34	46.34	1.000	1.000	NO	53.42	107	0.0494	53.42
126	1... PCB-128/162	1.54e6	1.23	NO	0.907	1.000	46.63	46.64	1.007	1.007	NO	108.4	108	0.0662	108.4
127	1... PCB-167	9.28e5	1.24	NO	1.11	1.000	47.06	47.06	1.000	1.000	NO	54.40	109	0.0554	54.40
128	1... PCB-156	9.15e5	1.24	NO	1.13	1.000	48.39	48.38	1.000	1.000	NO	54.71	109	0.0551	54.71
129	1... PCB-157	8.50e5	1.25	NO	1.04	1.000	48.67	48.67	1.001	1.001	NO	54.49	109	0.0601	54.49
130	1... PCB-169	8.86e5	1.23	NO	1.16	1.000	50.92	50.92	1.000	1.000	NO	54.04	108	0.0580	54.04
131	1... PCB-188	7.73e5	1.04	NO	1.29	1.000	43.02	43.00	1.001	1.000	NO	52.81	106	0.0451	52.81
132	1... PCB-184	7.42e5	1.04	NO	1.23	1.000	43.48	43.48	1.011	1.011	NO	53.04	106	0.0473	53.04
133	1... PCB-179	7.55e5	1.05	NO	1.30	1.000	44.27	44.27	1.030	1.030	NO	51.26	103	0.0448	51.26
134	1... PCB-176	7.55e5	1.03	NO	1.31	1.000	44.74	44.77	1.041	1.041	NO	50.84	102	0.0445	50.84
135	1... PCB-186	8.14e5	1.02	NO	1.33	1.000	45.39	45.39	1.056	1.056	NO	53.97	108	0.0438	53.97
136	1... PCB-178	5.63e5	1.03	NO	0.943	1.000	45.90	45.90	1.068	1.068	NO	52.59	105	0.0617	52.59
137	1... PCB-175	5.73e5	1.03	NO	0.956	1.000	46.23	46.24	1.076	1.076	NO	52.76	106	0.0609	52.76
138	1... PCB-182/187	1.26e6	1.03	NO	1.07	1.000	46.42	46.43	1.080	1.080	NO	103.8	104	0.0546	103.8
139	1... PCB-183	6.17e5	1.05	NO	1.02	1.000	46.75	46.76	1.088	1.088	NO	53.10	106	0.0569	53.10
140	1... PCB-185	5.39e5	1.04	NO	1.41	1.000	47.44	47.44	0.955	0.955	NO	51.62	103	0.0636	51.62

*Handwritten notes:*  
A vertical line with a checkmark and the number '15' is drawn in the right margin, spanning from row 105 to row 139.



Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time  
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Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	FA	rt/y	RRF	wt/Vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	4.78e5	1.04	NO	1.35	1.000	47.82	47.82	0.962	0.962	NO	47.59	95.2	0.0660	47.59
142	1... PCB-181	6.16e5	1.05	NO	1.47	1.000	47.91	47.91	0.964	0.964	NO	56.23	112	0.0606	56.23
143	1... PCB-177	4.95e5	1.05	NO	1.28	1.000	48.10	48.10	0.968	0.968	NO	52.15	104	0.0699	52.15
144	1... PCB-171	5.15e5	1.05	NO	1.32	1.000	48.38	48.38	0.974	0.974	NO	52.70	105	0.0679	52.70
145	1... PCB-173	4.56e5	1.05	NO	1.19	1.000	48.84	48.84	0.983	0.983	NO	51.56	103	0.0751	51.56
146	1... PCB-172	5.43e5	1.08	NO	1.38	1.000	49.29	49.29	0.992	0.992	NO	53.16	106	0.0650	53.16
147	1... PCB-192	6.89e5	1.08	NO	1.83	1.000	49.48	49.48	0.996	0.996	NO	50.82	102	0.0489	50.82
148	1... PCB-180	5.58e5	1.07	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.18	106	0.0633	53.18
149	1... PCB-193	6.39e5	1.05	NO	1.68	1.000	49.92	49.92	1.005	1.005	NO	51.28	103	0.0533	51.28
150	1... PCB-191	6.55e5	1.05	NO	1.71	1.000	50.18	50.19	1.010	1.010	NO	51.58	103	0.0523	51.58
151	1... PCB-170	4.70e5	1.06	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	53.01	106	0.0743	53.01
152	1... PCB-190	6.06e5	1.04	NO	1.85	1.000	51.56	51.59	1.004	1.004	NO	51.70	103	0.0563	51.70
153	1... PCB-189	6.22e5	1.04	NO	1.45	1.000	53.10	53.08	1.000	1.000	NO	51.76	104	0.0502	51.76
154	1... PCB-202	5.12e5	0.89	NO	1.17	1.000	48.63	48.61	1.001	1.000	NO	49.83	99.7	0.0385	49.83
155	1... PCB-201	4.65e5	0.89	NO	1.05	1.000	49.10	49.10	1.010	1.011	NO	50.25	101	0.0427	50.25
156	1... PCB-204	4.90e5	0.89	NO	1.14	1.000	49.26	49.26	1.014	1.014	NO	48.81	97.6	0.0394	48.81
157	1... PCB-197	4.95e5	0.90	NO	1.13	1.000	49.58	49.58	1.020	1.020	NO	49.70	99.4	0.0397	49.70
158	1... PCB-200	4.70e5	0.90	NO	1.07	1.000	50.51	50.51	1.039	1.039	NO	49.98	100	0.0420	49.98
159	1... PCB-198	3.44e5	0.91	NO	0.794	1.000	52.08	52.08	1.072	1.072	NO	49.28	98.6	0.0566	49.28
160	1... PCB-199	3.40e5	0.89	NO	0.809	1.000	52.19	52.19	1.074	1.074	NO	47.76	95.5	0.0556	47.76
161	1... PCB-196/203	7.10e5	0.90	NO	0.838	1.000	52.52	52.50	1.081	1.080	NO	96.35	96.4	0.0536	96.35
162	1... PCB-195	5.80e5	0.90	NO	1.04	1.000	53.80	53.79	0.984	0.983	NO	54.62	109	0.0624	54.62
163	1... PCB-194	6.04e5	0.90	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	53.26	107	0.0584	53.26
164	1... PCB-205	7.00e5	0.91	NO	1.29	1.000	54.98	54.98	1.005	1.005	NO	53.47	107	0.0505	53.47
165	1... PCB-208	5.91e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	54.07	108	0.0758	54.07
166	1... PCB-207	5.72e5	1.32	NO	0.916	1.000	54.27	54.28	1.006	1.006	NO	53.24	106	0.0772	53.24
167	1... PCB-206	3.36e5	1.33	NO	1.01	1.000	56.24	56.24	1.000	1.000	NO	52.95	106	0.127	52.95
168	1... PCB-209	2.15e5	1.18	NO	0.986	1.000	57.47	57.48	1.000	1.000	NO	51.55	103	0.00686	51.55
169	1... 13C-PCB-1	2.69e6	3.27	NO	0.893	1.000	15.51	15.51	0.608	0.608	NO	89.93	89.9	0.0363	
170	1... 13C-PCB-3	2.73e6	3.25	NO	0.911	1.000	18.16	18.16	0.712	0.712	NO	89.33	89.3	0.0356	
171	1... 13C-PCB-4	2.03e6	1.61	NO	0.600	1.000	19.51	19.51	0.765	0.765	NO	100.7	101	0.0254	
172	1... 13C-PCB-9	3.25e6	1.60	NO	0.970	1.000	21.34	21.34	0.836	0.836	NO	99.87	99.9	0.0157	
173	1... 13C-PCB-11	3.21e6	1.58	NO	0.962	1.000	24.78	24.79	0.971	0.972	NO	99.57	99.6	0.0159	
174	1... 13C-PCB-19	1.45e6	1.03	NO	0.499	1.000	23.75	23.75	0.931	0.931	NO	86.86	86.9	0.313	
175	1... 13C-PCB-32	2.12e6	1.05	NO	0.744	1.000	26.73	26.75	1.048	1.049	NO	85.15	85.1	0.210	
176	1... 13C-PCB-28	2.91e6	1.01	NO	1.06	1.000	28.77	28.75	1.004	1.003	NO	89.21	89.2	0.199	

Handwritten notes: 75/117 (with arrow pointing to row 141), 21/105 (with arrow pointing to row 168), and a large 'R' at the bottom.

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:43:46 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	FA	rvy	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	2.82e6	1.04	NO	0.989	1.000	32.75	32.75	1.143	1.143	NO	93.00	93.0	0.214	
178	1... 13C-PCB-54	1.95e6	0.79	NO	0.999	1.000	27.62	27.60	0.753	0.752	NO	101.1	101	0.0650	
179	1... 13C-PCB-52	1.59e6	0.79	NO	0.804	1.000	31.26	31.25	0.852	0.852	NO	102.2	102	0.0808	
180	1... 13C-PCB-47	1.69e6	0.78	NO	0.857	1.000	31.78	31.77	0.866	0.866	NO	102.0	102	0.0758	
181	1... 13C-PCB-70	1.94e6	0.79	NO	0.996	1.000	35.41	35.40	0.965	0.965	NO	100.6	101	0.0653	
182	1... 13C-PCB-80	2.01e6	0.77	NO	1.03	1.000	35.84	35.84	0.977	0.977	NO	100.8	101	0.0632	
183	1... 13C-PCB-81	1.90e6	0.79	NO	0.988	1.000	39.04	39.04	1.064	1.064	NO	99.27	99.3	0.0658	
184	1... 13C-PCB-77	1.87e6	0.80	NO	0.969	1.000	39.66	39.66	1.081	1.081	NO	99.71	99.7	0.0671	
185	1... 13C-PCB-104	1.29e6	1.60	NO	1.02	1.000	32.46	32.44	0.827	0.826	NO	103.8	104	0.0341	
186	1... 13C-PCB-95	1.00e6	1.66	NO	0.805	1.000	35.71	35.71	0.910	0.910	NO	101.5	102	0.0430	
187	1... 13C-PCB-101	1.00e6	1.60	NO	0.793	1.000	37.46	37.46	0.954	0.954	NO	103.3	103	0.0437	
188	1... 13C-PCB-97	8.73e5	1.61	NO	0.696	1.000	38.80	38.80	0.989	0.989	NO	102.5	102	0.0498	
189	1... 13C-PCB-123	1.17e6	1.61	NO	0.933	1.000	41.44	41.44	1.056	1.056	NO	102.6	103	0.0371	
190	1... 13C-PCB-118	1.22e6	1.58	NO	0.986	1.000	41.63	41.63	1.061	1.061	NO	101.4	101	0.0352	
191	1... 13C-PCB-114	1.87e6	1.55	NO	1.55	1.000	42.30	42.30	0.908	0.908	NO	110.4	110	0.0525	
192	1... 13C-PCB-105	1.91e6	1.56	NO	1.57	1.000	43.19	43.19	0.927	0.927	NO	111.2	111	0.0516	
193	1... 13C-PCB-127	1.97e6	1.57	NO	1.62	1.000	43.55	43.55	0.934	0.935	NO	111.0	111	0.0500	
194	1... 13C-PCB-126	1.90e6	1.56	NO	1.57	1.000	45.51	45.51	0.976	0.976	NO	110.7	111	0.0518	
195	1... 13C-PCB-155	8.63e5	1.32	NO	0.615	1.000	36.98	36.98	0.942	0.942	NO	114.9	115	0.0305	
196	1... 13C-PCB-153	1.49e6	1.26	NO	1.36	1.000	43.36	43.36	0.930	0.930	NO	99.82	99.8	0.0783	
197	1... 13C-PCB-141	1.23e6	1.29	NO	1.13	1.000	44.12	44.14	0.947	0.947	NO	99.54	99.5	0.0947	
198	1... 13C-PCB-138	1.26e6	1.27	NO	1.18	1.000	44.99	44.99	0.965	0.965	NO	97.18	97.2	0.0902	
199	1... 13C-PCB-159	1.57e6	1.26	NO	1.44	1.000	46.32	46.32	0.994	0.994	NO	99.52	99.5	0.0742	
200	2... 13C-PCB-167	1.54e6	1.26	NO	1.44	1.000	47.02	47.04	1.009	1.009	NO	97.73	97.7	0.0742	
201	2... 13C-PCB-156	1.49e6	1.29	NO	1.40	1.000	48.37	48.37	1.038	1.038	NO	97.26	97.3	0.0765	
202	2... 13C-PCB-157	1.50e6	1.28	NO	1.40	1.000	48.63	48.63	1.043	1.043	NO	98.32	98.3	0.0765	
203	2... 13C-PCB-169	1.42e6	1.25	NO	1.33	1.000	50.91	50.90	1.092	1.092	NO	97.31	97.3	0.0803	
204	2... 13C-PCB-188	1.14e6	0.45	NO	1.41	1.000	42.99	42.99	0.926	0.926	NO	99.54	99.5	0.0634	
205	2... 13C-PCB-180	7.43e5	0.45	NO	0.929	1.000	49.69	49.69	1.070	1.070	NO	98.80	98.8	0.0962	
206	2... 13C-PCB-170	6.34e5	0.45	NO	0.794	1.000	51.36	51.36	1.106	1.106	NO	98.57	98.6	0.112	
207	2... 13C-PCB-189	8.27e5	0.45	NO	1.04	1.000	53.06	53.08	1.143	1.143	NO	97.84	97.8	0.0855	
208	2... 13C-PCB-202	8.79e5	0.92	NO	1.04	1.000	48.59	48.59	1.046	1.047	NO	104.9	105	0.0720	
209	2... 13C-PCB-194	1.02e6	0.90	NO	0.768	1.000	54.72	54.70	0.995	0.995	NO	100.0	100	0.154	
210	2... 13C-PCB-208	1.17e6	0.78	NO	0.991	1.000	53.95	53.94	0.981	0.981	NO	89.44	89.4	0.0914	
211	2... 13C-PCB-206	6.31e5	0.79	NO	0.552	1.000	56.24	56.22	1.023	1.023	NO	86.36	86.4	0.164	
212	2... 13C-PCB-209	4.22e5	1.19	NO	0.396	1.000	57.49	57.47	1.046	1.045	NO	80.48	80.5	0.00867	

915%

Dataset: U:\VG11.PRO\Results\200603K1\200603K1-1.qld

Last Altered: Thursday, June 04, 2020 07:42:37 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:43:46 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	3.35e6	1.61	NO	1.00	1.000	25.53	25.51	1.000	0.000	NO	100.0	100	0.0152	
214	2... 13C-PCB-31	3.07e6	1.03	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.212	
215	2... 13C-PCB-60	1.93e6	0.78	NO	1.00	1.000	36.68	36.68	1.000	0.000	NO	100.0	100	0.0650	
216	2... 13C-PCB-111	1.22e6	1.59	NO	1.00	1.000	39.25	39.25	1.000	0.000	NO	100.0	100	0.0346	
217	2... 13C-PCB-128	1.09e6	1.27	NO	1.00	1.000	46.60	46.60	1.000	0.000	NO	100.0	100	0.107	
218	2... 13C-PCB-182	8.09e5	0.46	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.0893	
219	2... 13C-PCB-205	1.32e6	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.119	
220	2... 13C-PCB-79	2.09e6	0.77	NO	1.07	1.000	37.78	37.78	1.030	1.030	NO	101.2	101	0.0608	751251
221	2... 13C-PCB-178	8.05e5	0.44	NO	0.766	1.000	45.89	45.87	0.988	0.988	NO	96.00	96.0	0.0862	
222	2... 13C-PCB-79	2.09e6	0.77	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	102.0	102	0.0618	
223	2... 13C-PCB-178	8.05e5	0.44	NO	1.05	1.000	45.87	45.87	0.923	0.923	NO	103.1	103	0.0911	

Dataset: Untitled

Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time

Printed: Thursday, June 04, 2020 07:32:11 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07  
Calibration: U:\VG11.PRO\CurveDB\db1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

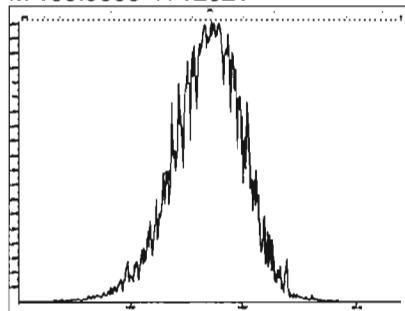
Compound name: PCB-1

	Name	ID	Acq Date	Acq Time
1	200603K1_1	ST200603K1-1 PCB 209 CS3 19G2609	03-Jun-20	14:47:20
2	200603K1_2	QC200603-1 OPR NEW SPIKES	03-Jun-20	15:46:30
3	200603K1_3	B0D0324-BS1 OPR 5	03-Jun-20	16:48:29
4	200603K1_4	B0E0004-BS1 OPR 5	03-Jun-20	17:49:10
5	200603K1_5	B0E0152-BS1 OPR 10	03-Jun-20	18:48:14
6	200603K1_6	SOLVENT BLANK	03-Jun-20	19:50:06
7	200603K1_7	B0E0152-BLK1 Method Blank 10	03-Jun-20	20:49:16
8	200603K1_8	B0E0004-BLK1 Method Blank 5	03-Jun-20	21:49:46
9	200603K1_9	B0D0324-BLK1 Method Blank 5	03-Jun-20	22:50:12
10	200603K1_10	B0D0324-DUP1@20X Duplicate 7.34	03-Jun-20	23:52:02
11	200603K1_11	2000954-01@20X PDI-159SC-A-00-01-20042...	04-Jun-20	00:51:15

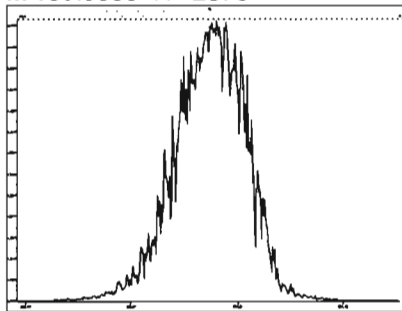
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Printed: Wednesday, June 03, 2020 14:37:33 Pacific Daylight Time

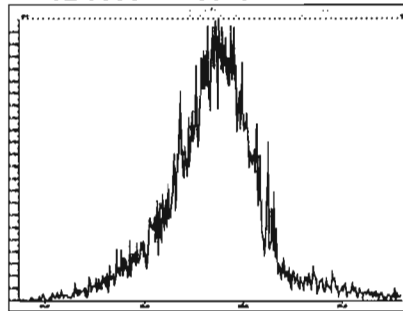
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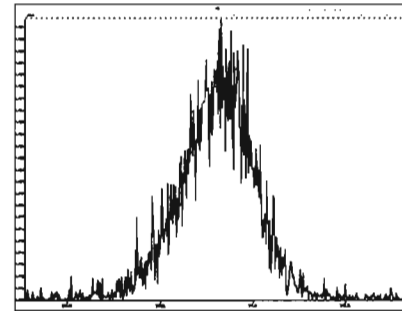
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M 192.9888 R 10545



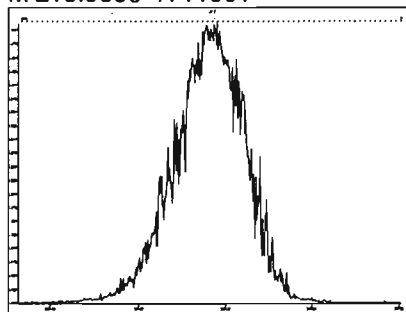
M 204.9888 R 12374



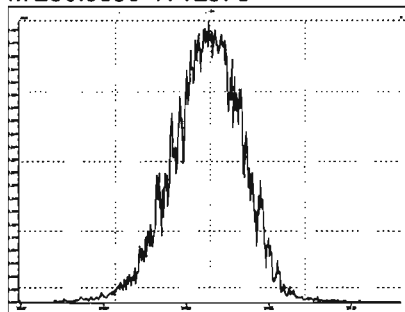
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Printed: Wednesday, June 03, 2020 14:38:24 Pacific Daylight Time

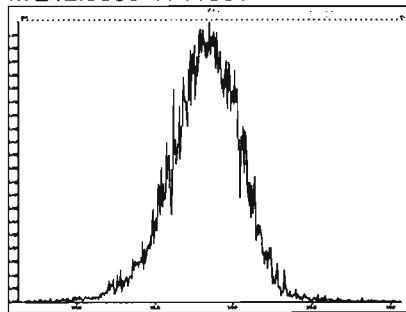
M 218.9856 R 11961



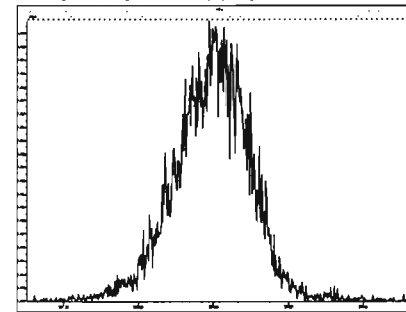
M 230.9856 R 12378



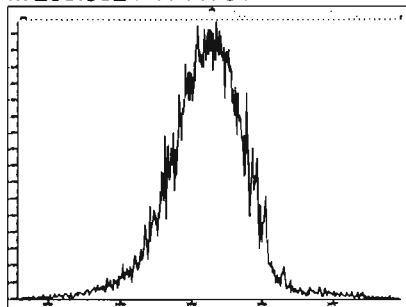
M 242.9856 R 11961



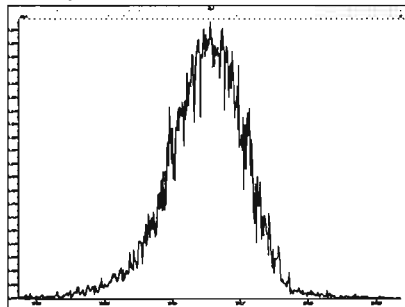
M 254.9856 R 13370



M 268.9824 R 11734



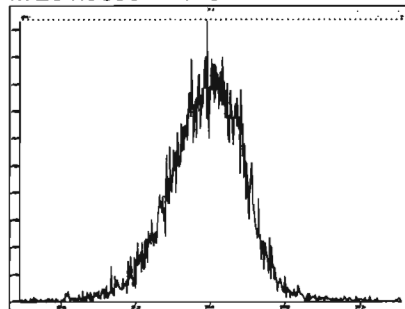
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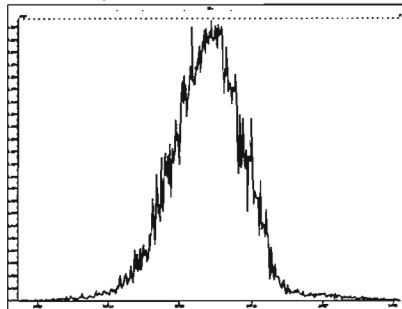
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Printed: Wednesday, June 03, 2020 14:40:35 Pacific Daylight Time

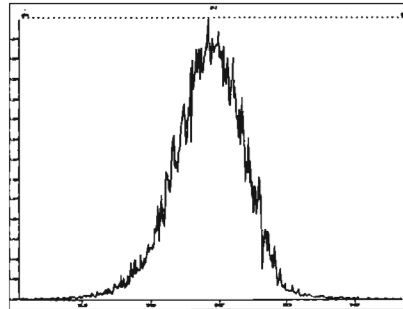
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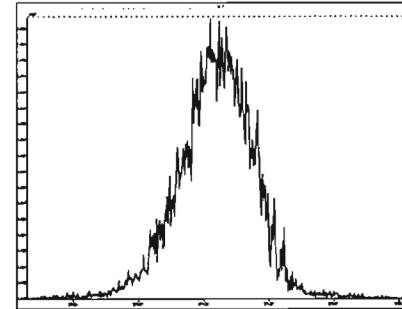
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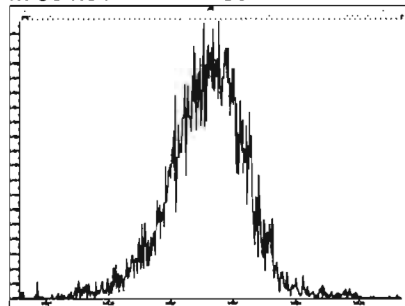
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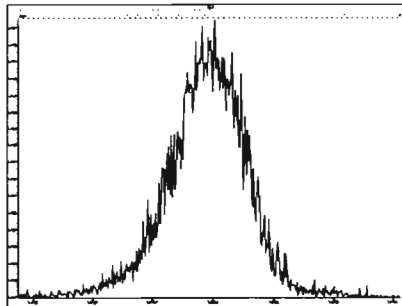
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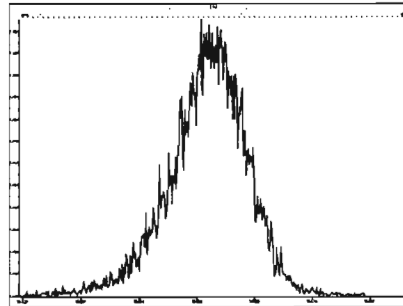
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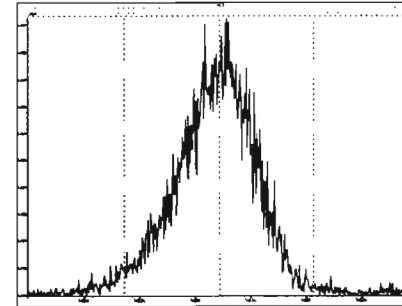
M 318.9792 R 11059



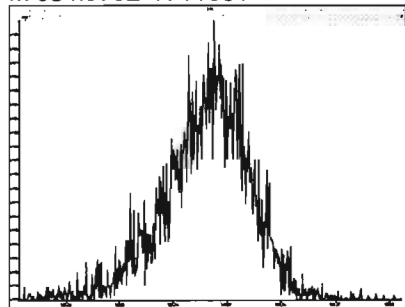
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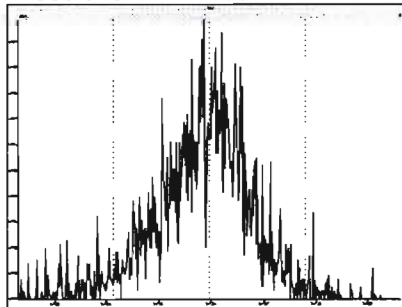
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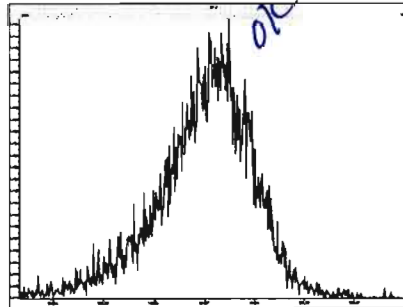
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M 366.9792 R 11465



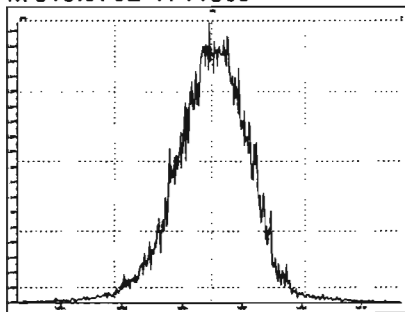
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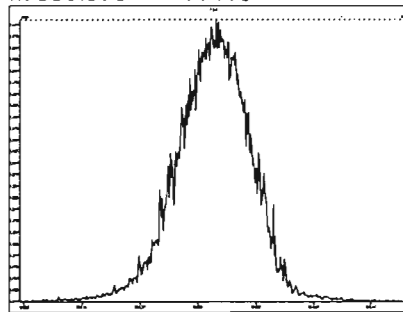
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Printed: Wednesday, June 03, 2020 14:44:32 Pacific Daylight Time

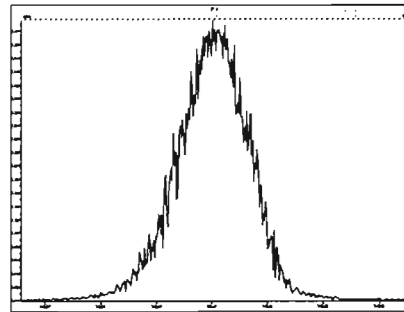
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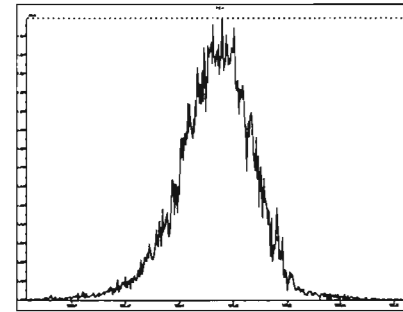
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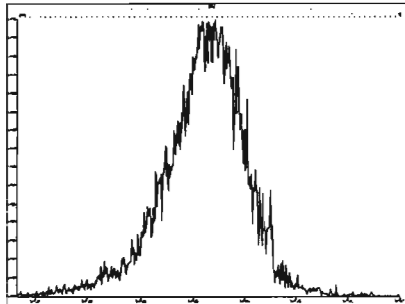
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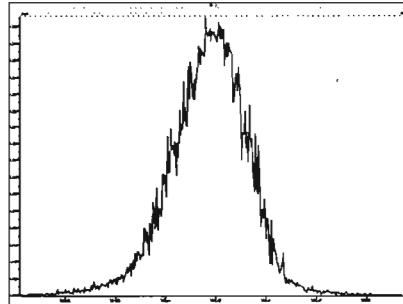
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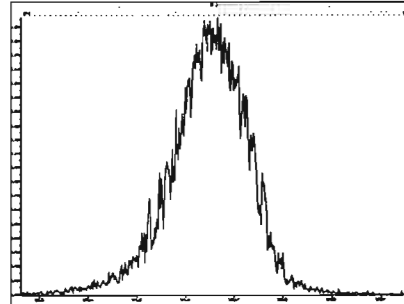
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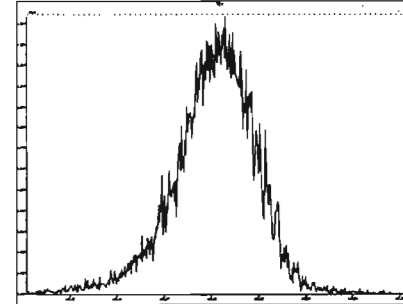
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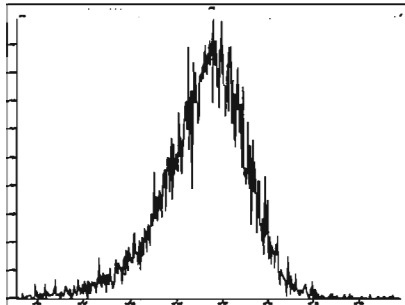
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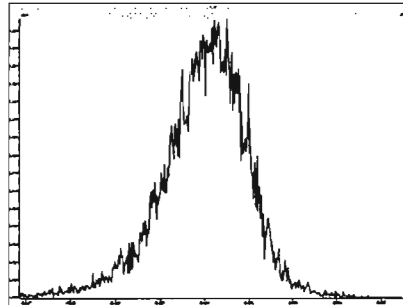
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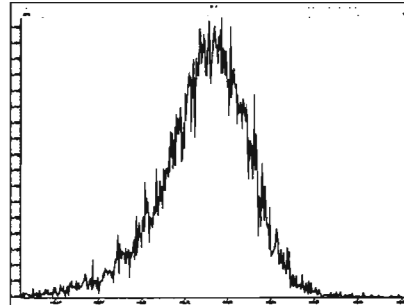
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M 430.9728 R 10039



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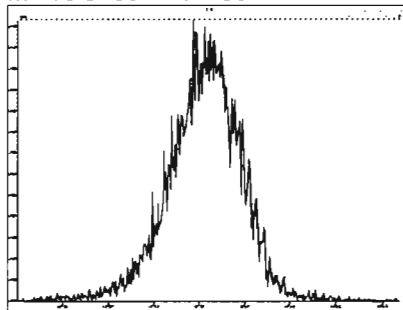




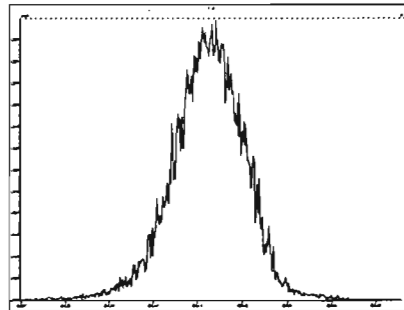
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Printed: Wednesday, June 03, 2020 14:46:27 Pacific Daylight Time

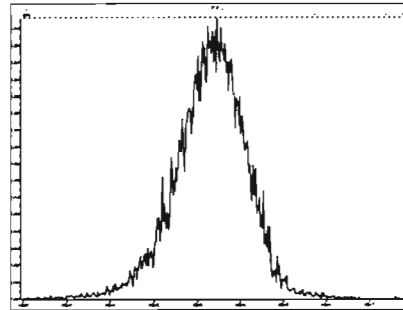
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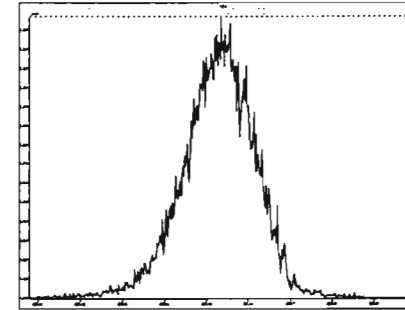
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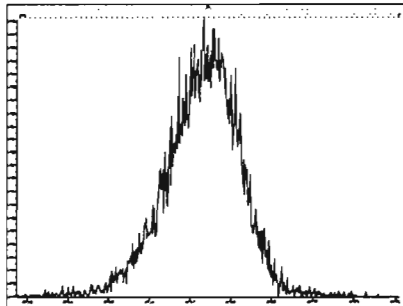
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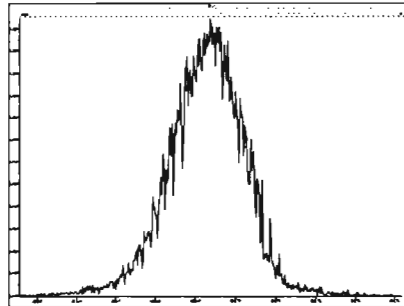
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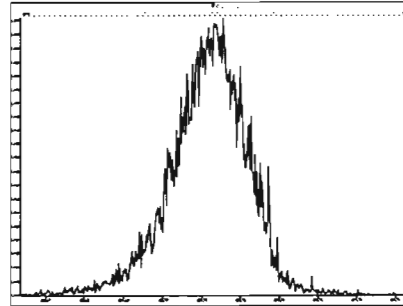
M 466.9728 R 11467



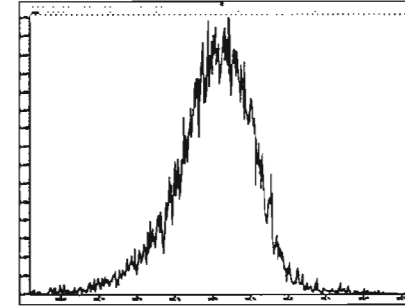
M 480.9696 R 12254



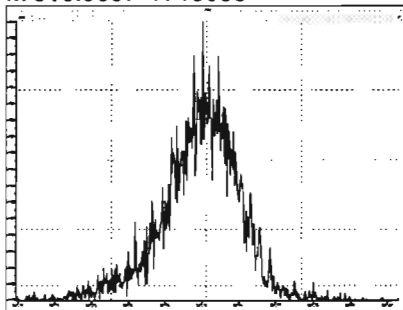
M 492.9696 R 11469



M 504.9696 R 11469



M 516.9697 R 13085



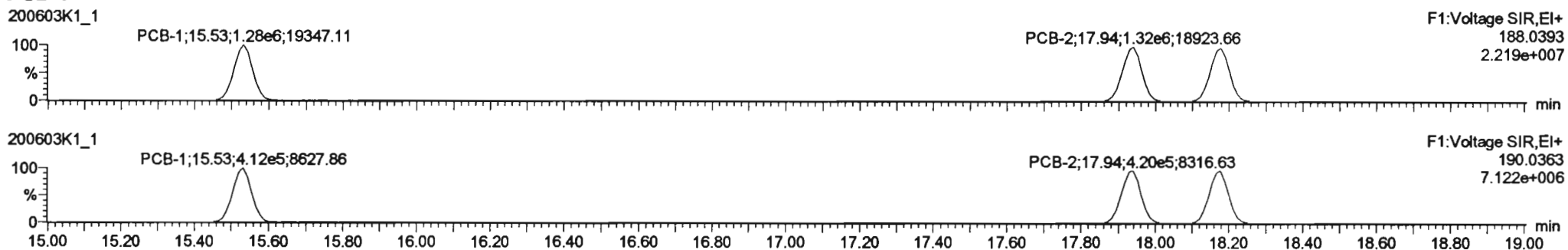
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Last Altered: Thursday, June 04, 2020 07:29:42 Pacific Daylight Time  
Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

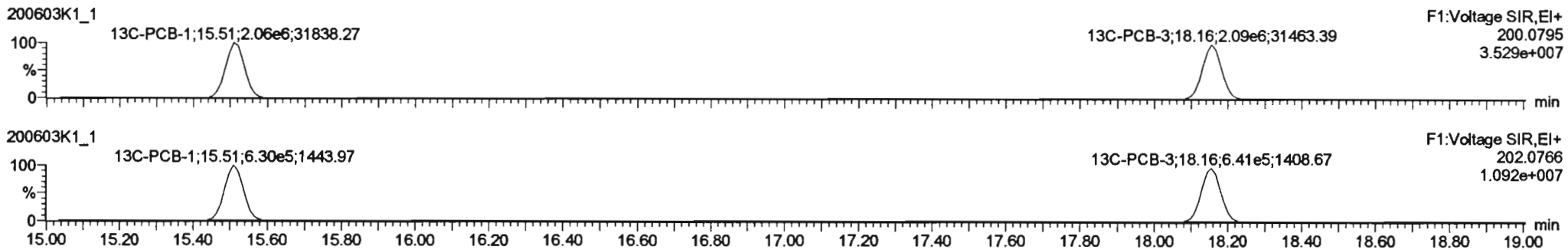
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Calibration: U:\VG11.PRO\CurveDB\ldb1\_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

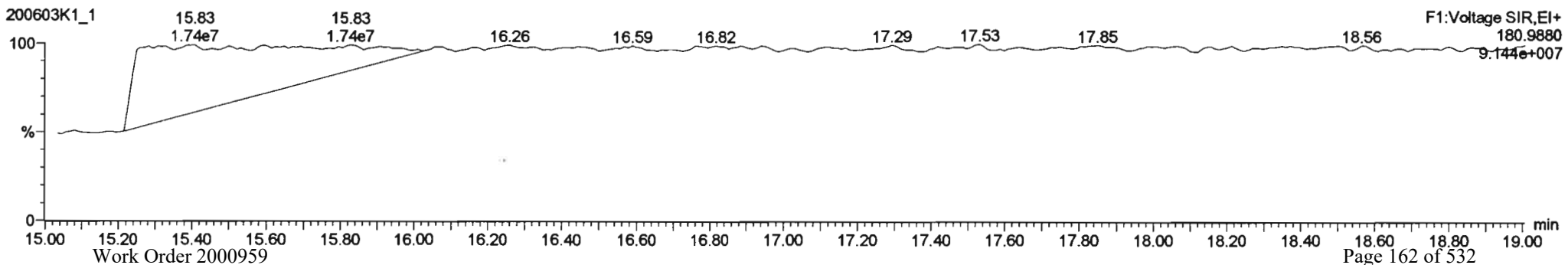
**PCB-1**



**13C-PCB-1**



**PFK1**

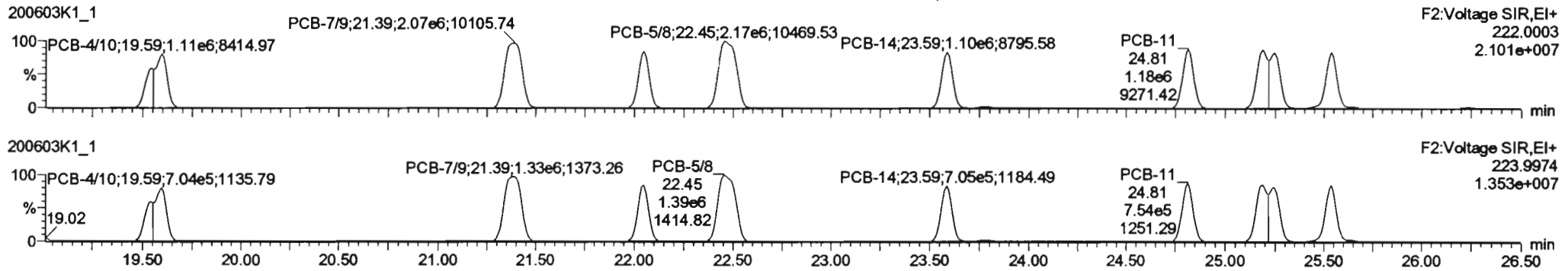


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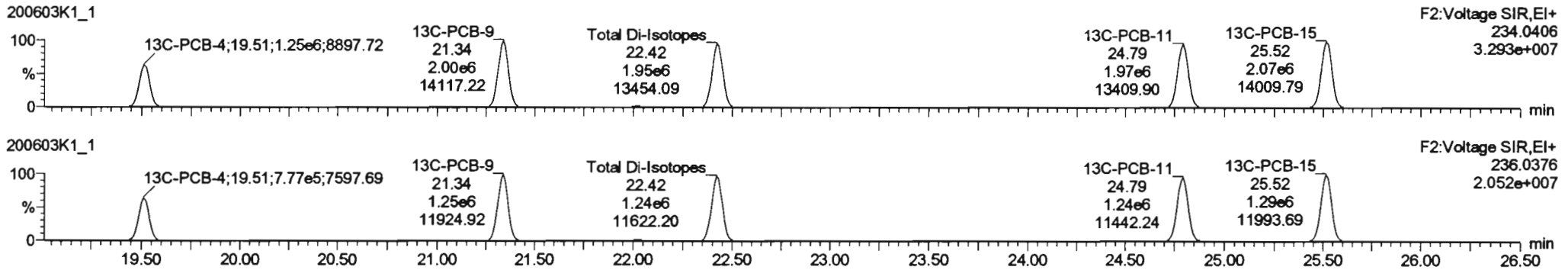
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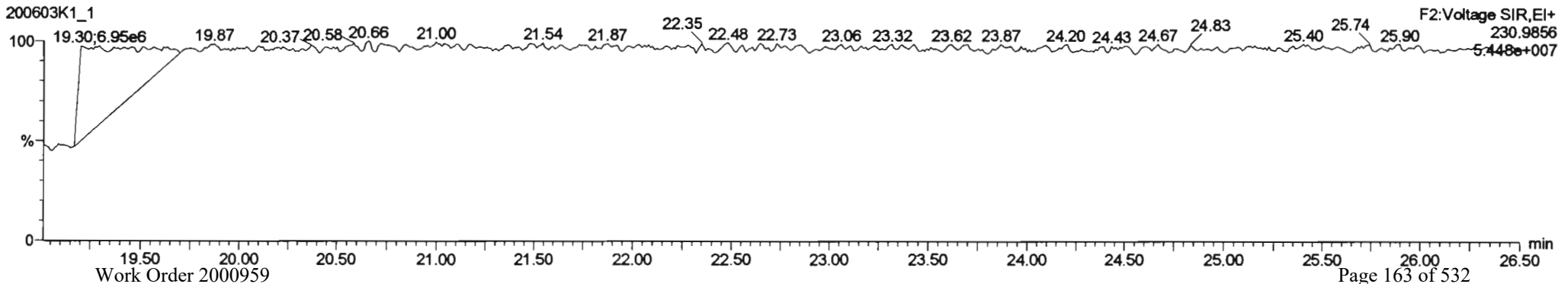
**PCB-4/10**



**13C-PCB-4**

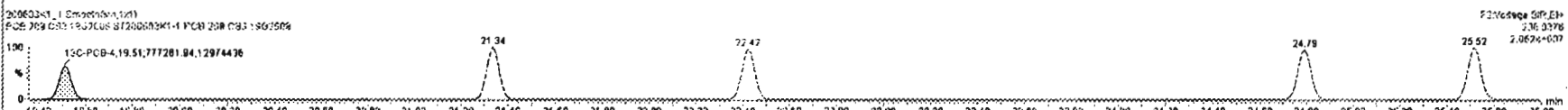
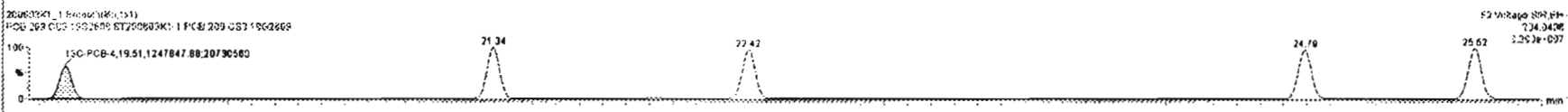
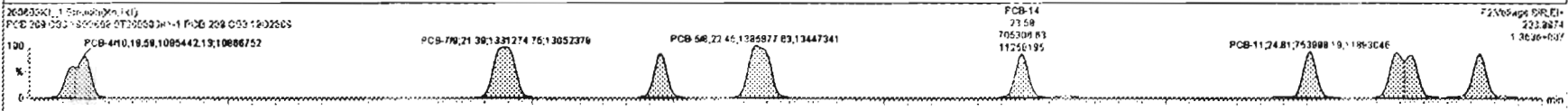
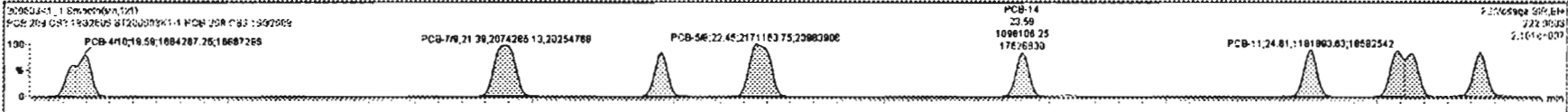


**PFK2a**



#	Name	Range	RA	RV	RV	RV	RV	RV	RV	RV	RV	RV	RV	RV	RV	RV
223	13C-PCB-178	8.05e5	0.44	NO	1.0508	1.000	45.87	45.87	0.923	0.923	NO	103.1	103	0.0811		
224	Total Mono-PCBs				1.1885	1.000	0.00	0.000			NO	182.3		0.0222	182.3	
225	Total Di-PCBs				1.0637	1.000	0.00	0.000			NO	389.9		0.967	389.9	
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000			NO	433.8		0.122	433.8	
227	3rd Function Tri-PCBs				0.8828	1.000	0.00	0.000			NO	922.5		0.303	922.5	
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.000			NO	7302		0.771	2263	
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000			NO	2105		0.830	2105	
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000			NO	279.8		0.120	279.8	
231	3rd Function Hexa-PCBs				0.8608	1.000	0.00	0.000			NO	870.0		0.182	870.0	
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.000			NO	1517		1.30	1517	
233	Total Hepta-PCBs				1.1643	1.000	0.00	0.000			NO	1763		1.76	1763	

#	Name	Peak RT	RT	Int. Peak	Int. Peak	1st Peak (Area)	RA	RV	RV	RV	RV
4	PCB-410	19.58	19.58	1.804e6	1.095e6	1.580	1.54	NO	108.38	108.38	
5	PCB-78	21.40	21.38	2.074e6	1.331e6	1.580	1.58	NO	108.26	108.26	
6	PCB-8	22.05	22.05	1.087e6	7.069e5	1.580	1.55	NO	54.252	54.252	
7	PCB-58	22.45	22.45	2.171e6	1.388e6	1.580	1.57	NO	110.40	110.40	
8	PCB-14	23.60	23.58	1.088e6	7.053e5	1.580	1.58	NO	55.232	55.232	
9	PCB-11	24.81	24.81	1.182e6	7.540e5	1.580	1.57	NO	53.547	53.547	
10	PCB-1213	25.25	25.18	2.215e6	1.427e6	1.580	1.55	NO	110.53	110.53	

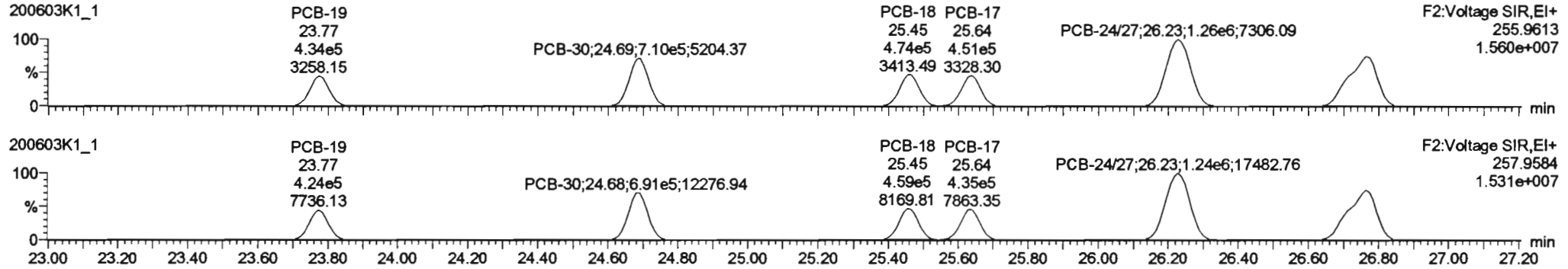


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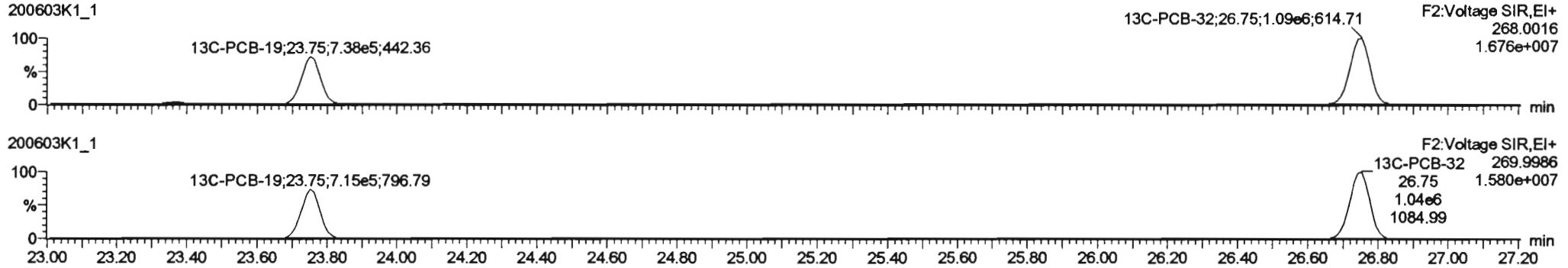
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

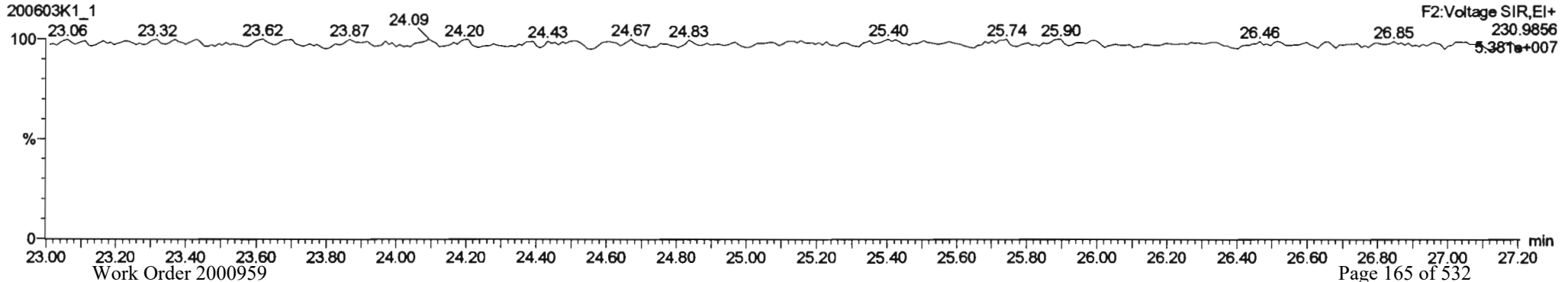
**PCB-19**



**13C-PCB-19**



**PFK2b**



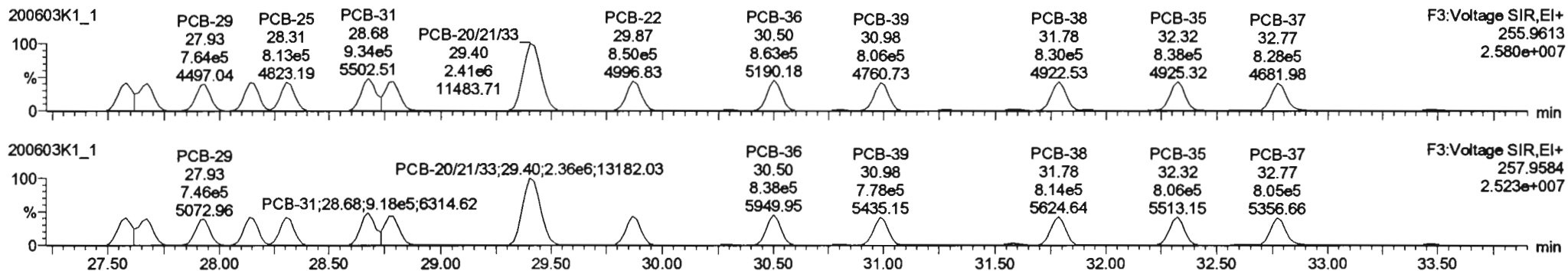
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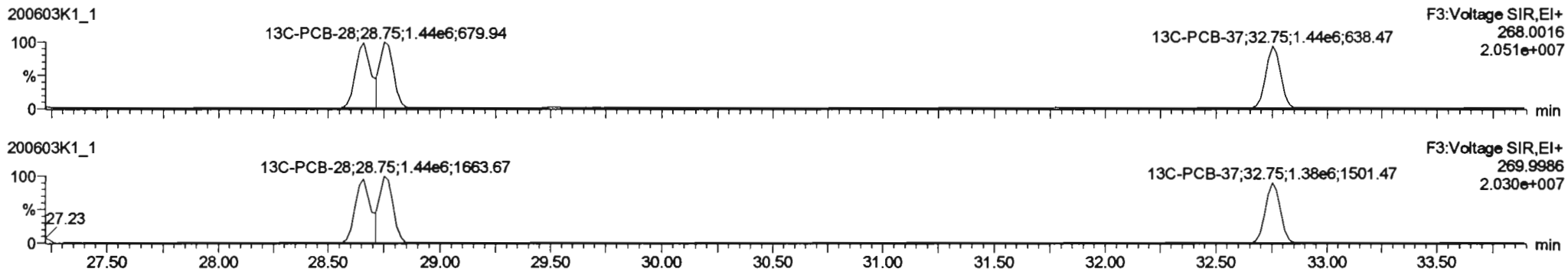
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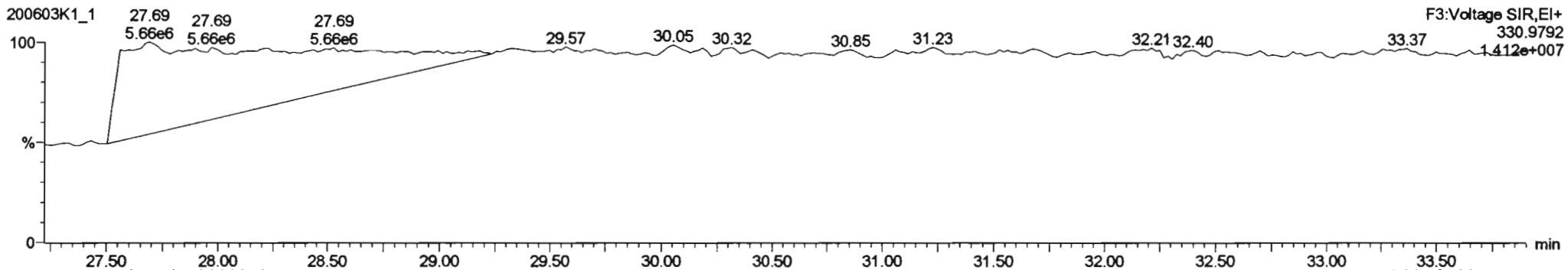
**PCB-34**



**13C-PCB-28**

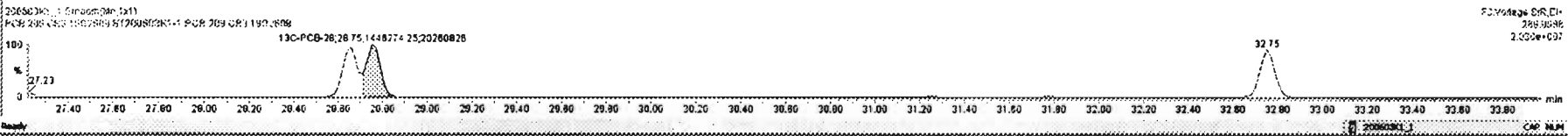
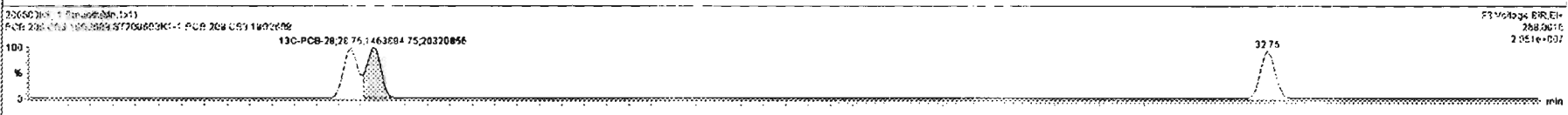
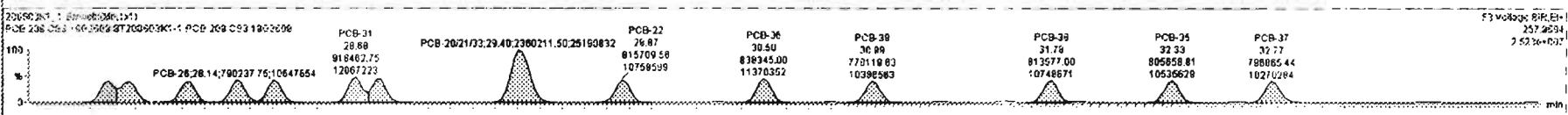
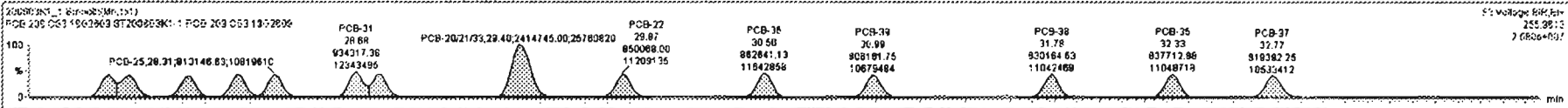


**PFK3d**



#	Name	Resp	R.A.	Obj	RFR	Volume	Peak #1	RRT	Prod #	RRT	RRT Var	Comp	Value	St	Comp
223	13C-PCB-178	8.05e5	0.64	NO	1.0508	1.000	45.87	45.87	0.973	0.928	NO	103.1	103	0.0811	
224	Total Mono-PCBs				1.1865	1.000	0.00		0.000		NO	162.3		0.0222	162.3
225	Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	658.5		0.367	658.5
226	2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	433.8		0.122	433.8
227	3rd Function Tri-PCBs				0.9429	1.000	0.00		0.000		NO	302.9		0.1309	302.9
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	220.2		0.771	220.2
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2105		0.830	2105
230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	279.8		0.120	279.8
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00		0.000		NO	870.0		0.182	870.0
232	4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1517		1.30	1517
233	Total Hepta-PCBs				1.3461	1.000	0.00		0.000		NO	1243		1.44	1243

#	Name	Prod #1	R1	Vol Base	Vol Resp	1st Ratio (Prod)	R.A.	Obj	Comp	Comp
18	PCB-34	27.58	27.58	7.390e5	7.211e5	1.040	1.02	NO	53.084	53.084
19	PCB-23	27.85	27.87	8.233e5	7.827e5	1.040	1.05	NO	82.504	82.504
20	PCB-29	27.81	27.83	7.842e5	7.467e5	1.040	1.02	NO	58.112	58.112
21	PCB-26	28.14	28.14	8.191e5	7.802e5	1.040	1.04	NO	58.587	58.587
22	PCB-25	28.29	28.31	8.131e5	7.853e5	1.040	1.04	NO	57.824	57.824
23	PCB-31	28.88	28.88	9.343e5	9.185e5	1.040	1.02	NO	81.437	81.437
24	PCB-28	28.77	28.79	8.447e5	8.330e5	1.040	1.01	NO	58.245	58.245

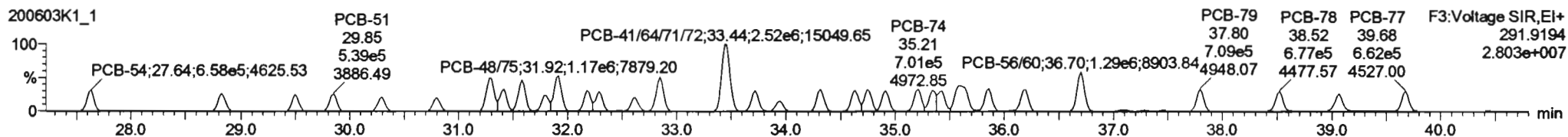
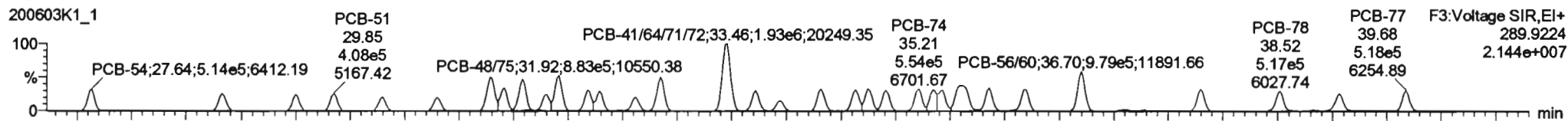


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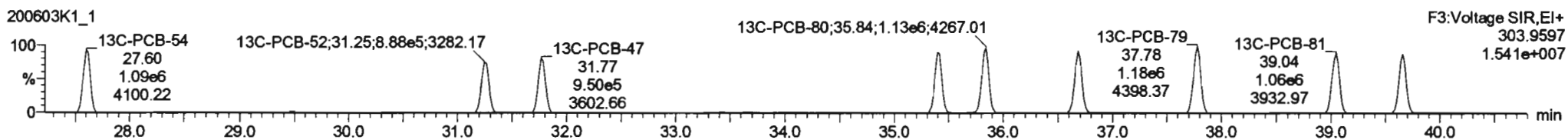
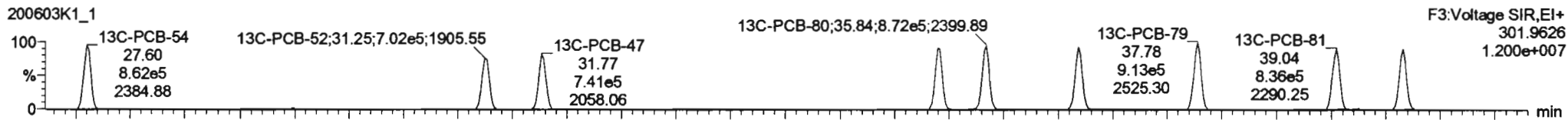
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 Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

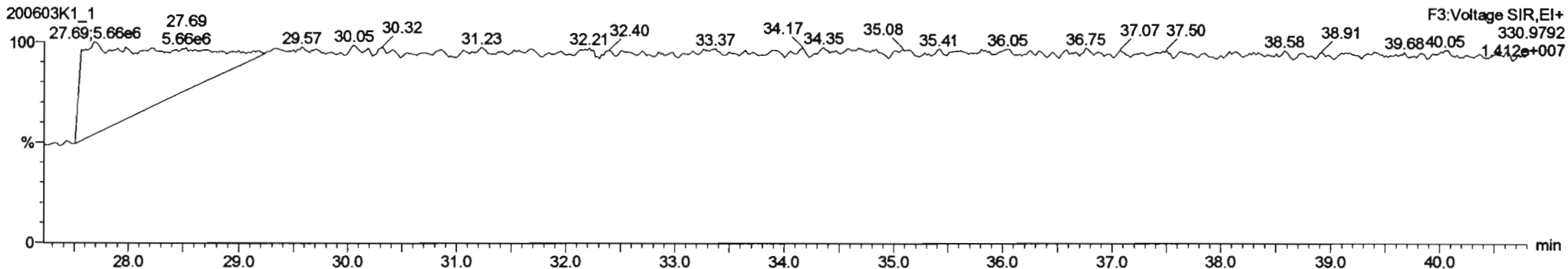
**PCB-54**



**13C-PCB-54**



**PFK3a**





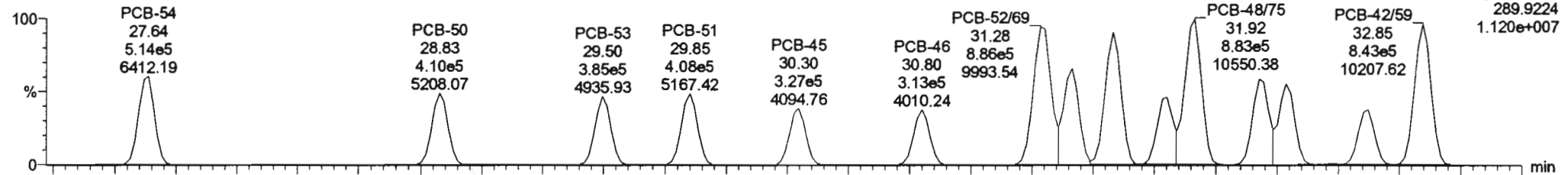
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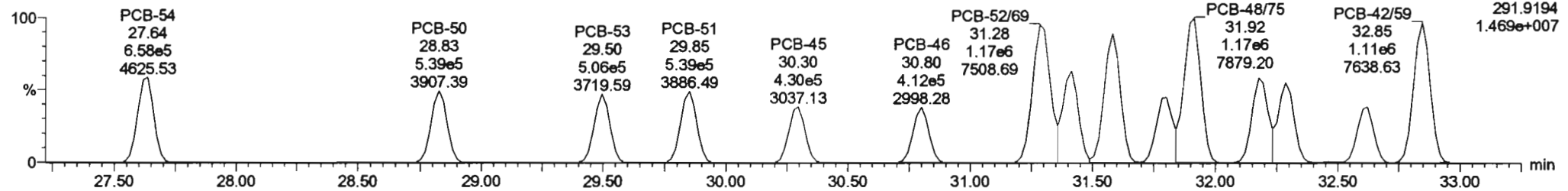
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**PCB-50**

200603K1\_1

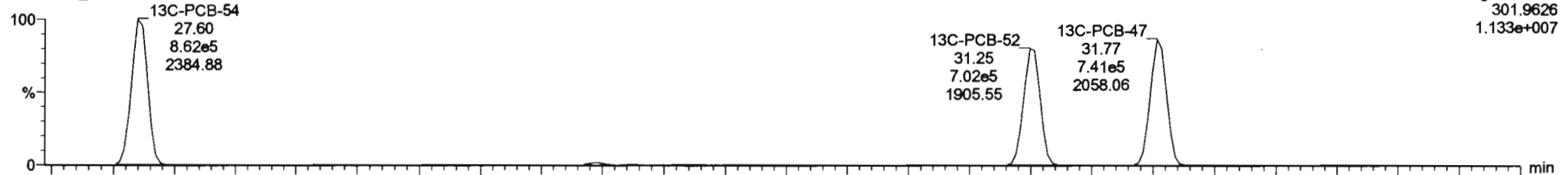


200603K1\_1

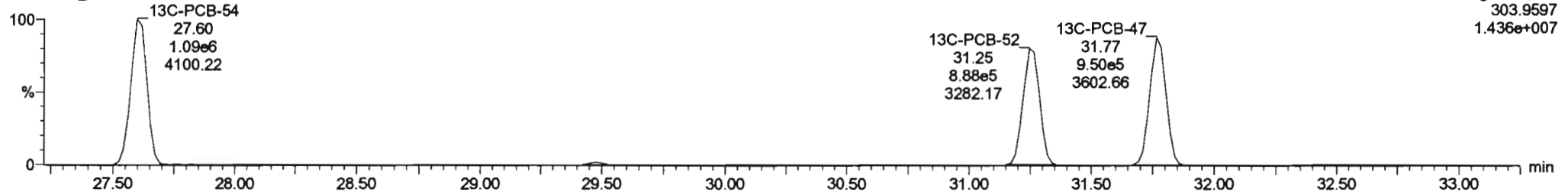


**13C-PCB-52**

200603K1\_1



200603K1\_1

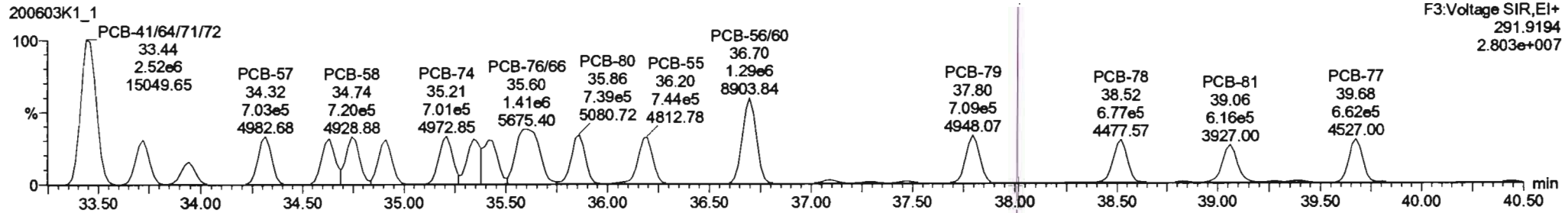
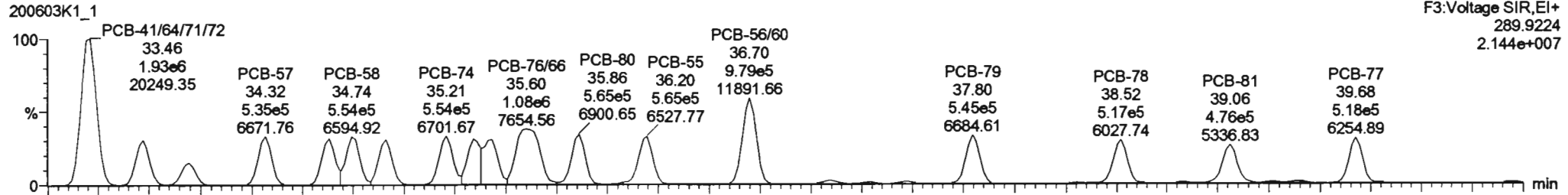


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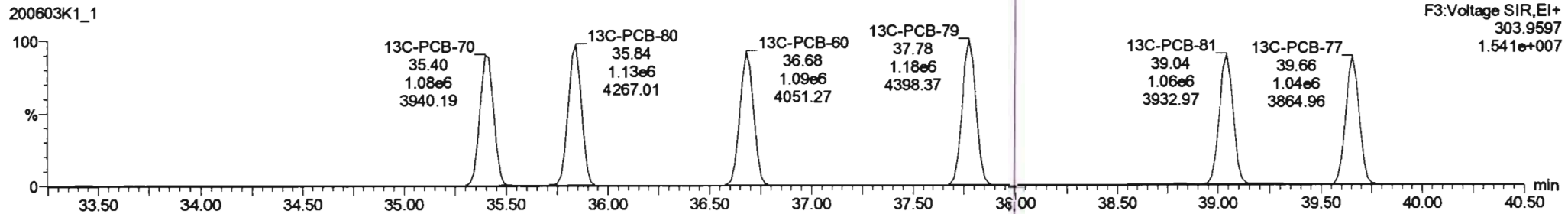
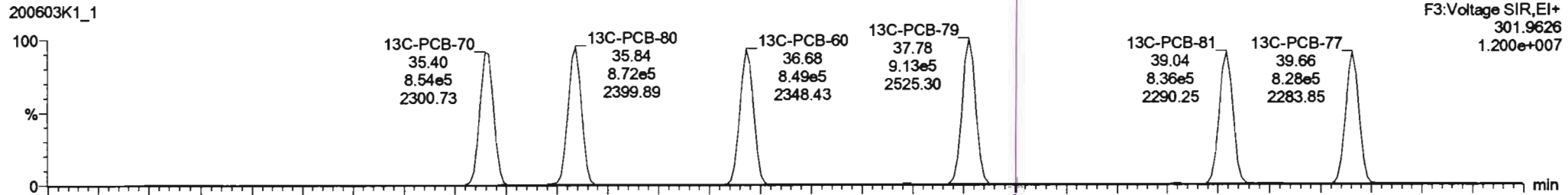
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Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-68

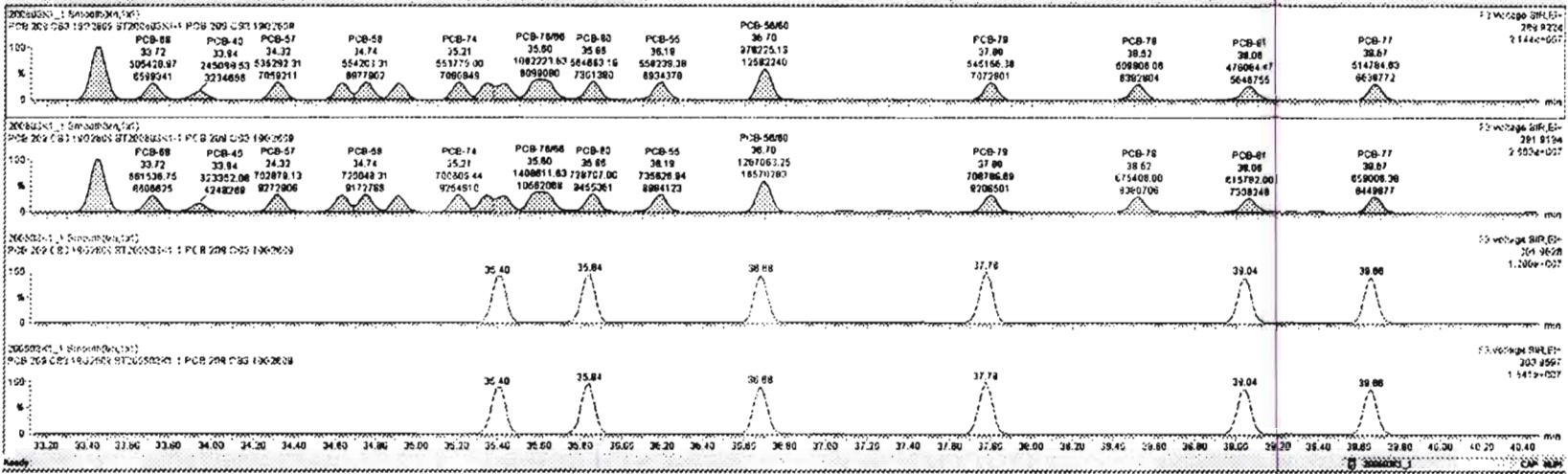


13C-PCB-60



#	Name	Mass	RA	Qty	200	Value	Prod. RT	RE	Prod. R	RT	Prod. P	Conc.	Unit	Q	Mass
223	13C-PCB-178	0.05e5	0.44	NO	1.0508	1.000	45.87	45.87	0.823	0.823	NO	103.1	103	0.0811	
224	Total Mono-PCBs				1.1885	1.000	0.00	0.000			NO	182.3		0.0222	182.3
225	Total Di-PCBs				1.0537	1.000	0.00	0.000			NO	858.5		0.357	858.5
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000			NO	433.8		0.122	433.8
227	3rd Function Tri-PCBs				0.8628	1.000	0.00	0.000			NO	821.8		0.303	821.8
228	Total Tetra-PCBs				1.2778	1.000	0.00	0.000			NO	399.7		0.171	399.7
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000			NO	21.05		0.830	21.05
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000			NO	278.8		0.120	278.8
231	2nd Function Hexa-PCBs				0.8605	1.000	0.00	0.000			NO	870.0		0.182	870.0
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.000			NO	151.7		1.30	151.7
233	Total hepta-PCBs				1.1444	1.000	0.00	0.000			NO	134.3		1.11	134.3

#	Name	Prod. RT	RT	Alt Name	Alt Prod	Y Ratio (Prod)	RA	Qty	200C	Conc.
31	PCB-54	27.82	27.84	8.155e5	8.87e5	0.770	0.78	NO	55.524	86.524
32	PCB-50	28.81	28.83	4.102e5	5.287e5	0.770	0.78	NO	55.213	65.213
33	PCB-63	28.48	28.50	3.848e5	6.054e5	0.770	0.78	NO	58.215	88.215
34	PCB-51	29.84	29.85	4.080e5	5.286e5	0.770	0.78	NO	55.832	65.832
35	PCB-45	30.28	30.30	3.267e5	4.306e5	0.770	0.78	NO	58.473	68.473
36	PCB-48	30.78	30.80	3.125e5	4.120e5	0.770	0.78	NO	54.805	64.805
37	PCB-62	31.28	31.28	8.883e5	1.172e6	0.770	0.78	NO	110.84	110.84

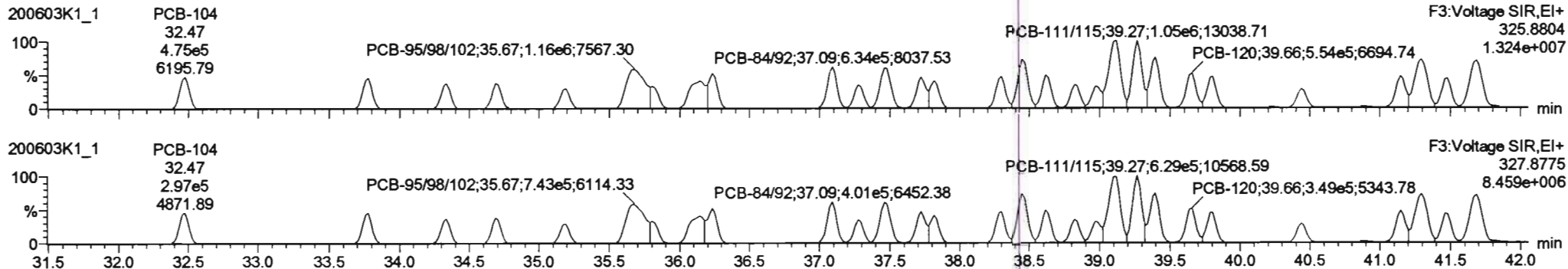


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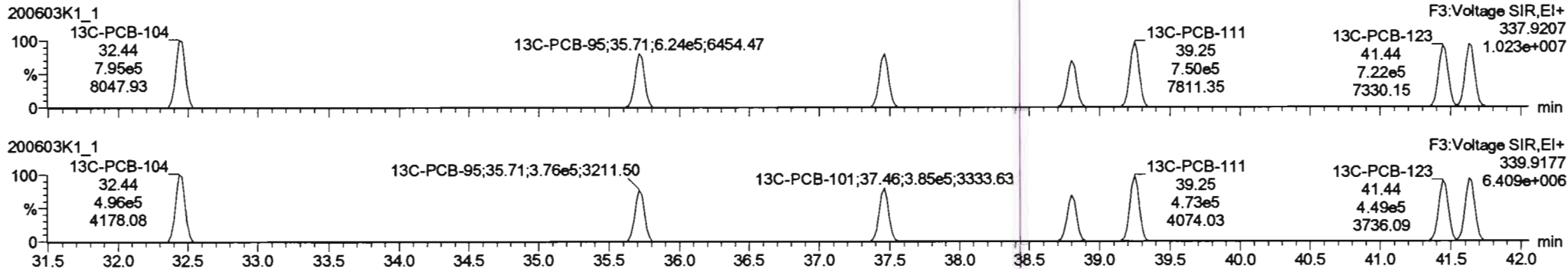
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

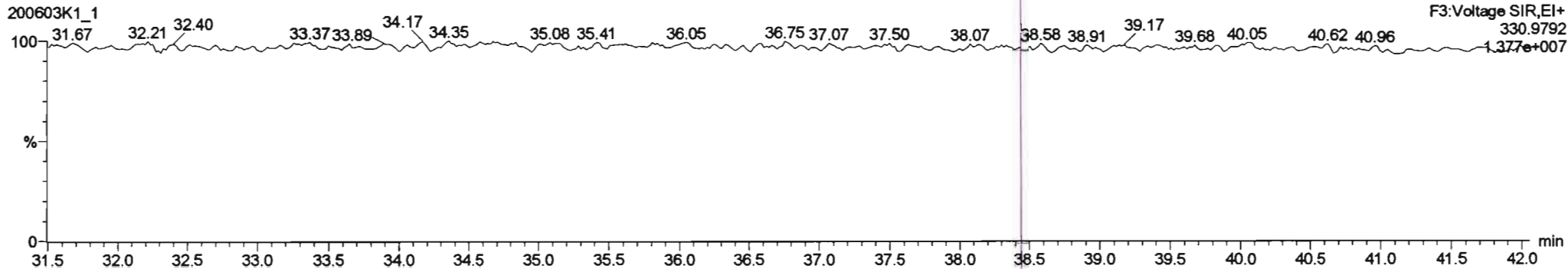
**PCB-104**



**13C-PCB-104**



**PFK3b**



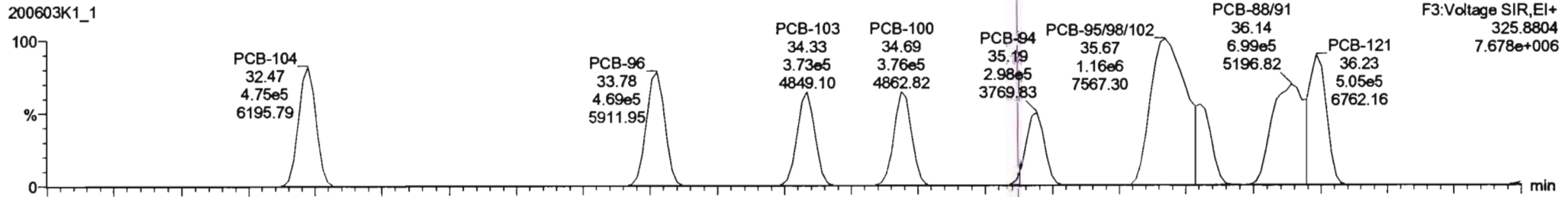
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

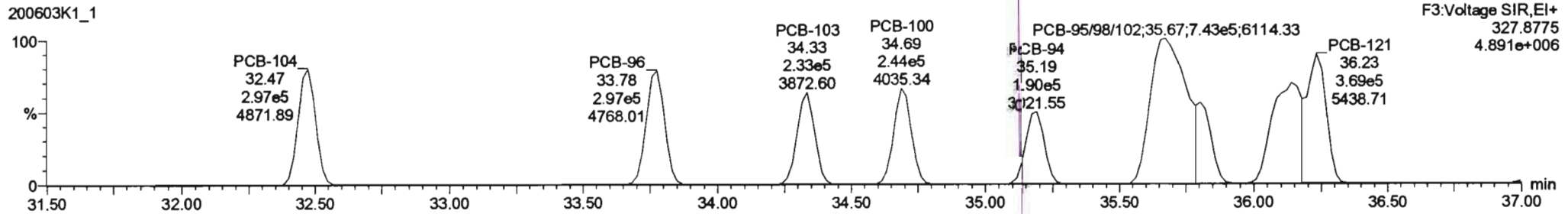
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**PCB-96**

200603K1\_1

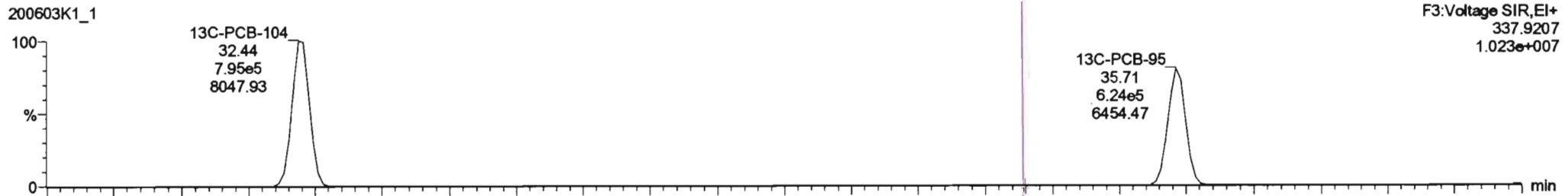


200603K1\_1

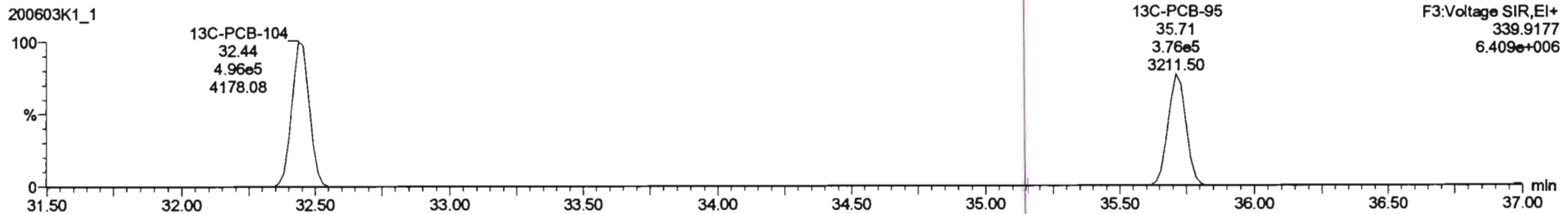


**13C-PCB-95**

200603K1\_1



200603K1\_1



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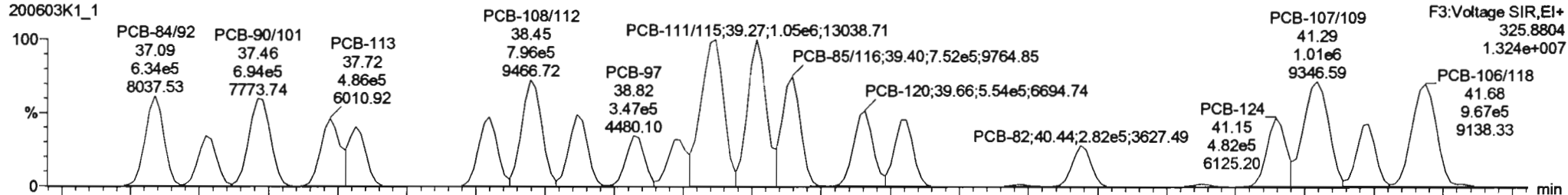
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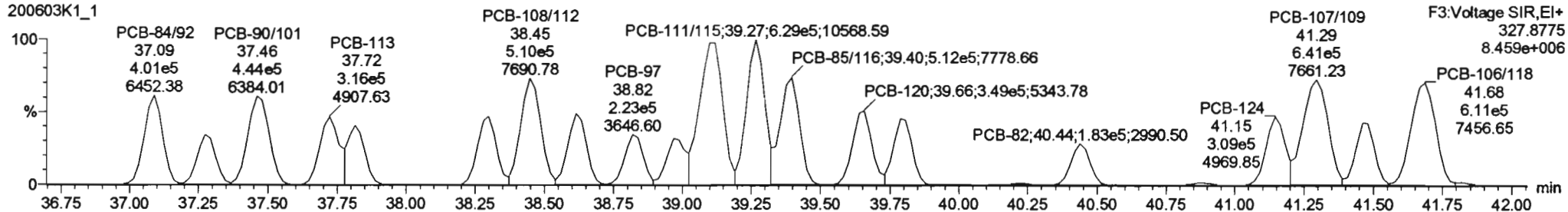
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**PCB-119**

200603K1\_1

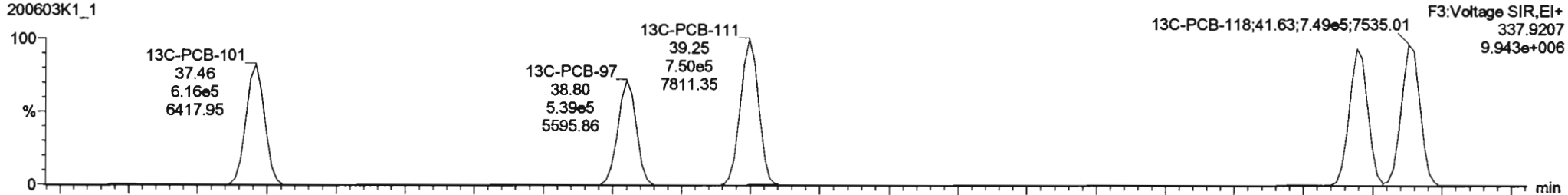


200603K1\_1

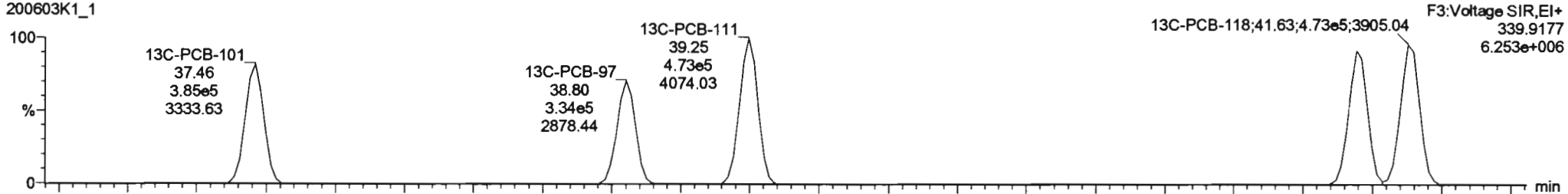


**13C-PCB-111**

200603K1\_1

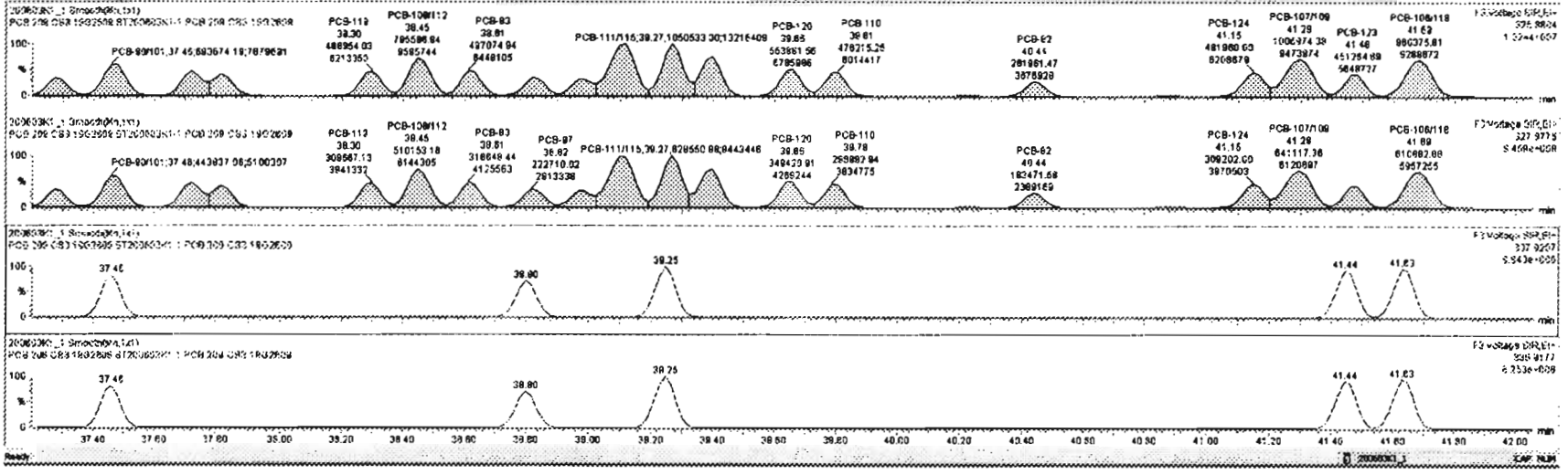


200603K1\_1



#	Name	Peak	Area	Height	Width	Area%	Height%	Width%	Area	Height	Width	Area%	Height%	Width%
223	13C-PCB-178	6.08e5	0.44	NO	1.0508	1.000	45.87	45.87	0.823	0.823	NO	100.1	100	0.0811
224	Total Hexa-PCBs				1.1665	1.000	0.00	0.000	NO	182.3		0.0222	182.3	
225	Total Di-PCBs				1.0537	1.000	0.00	0.000	NO	658.6		0.367	658.6	
226	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.000	NO	439.8		0.122	439.8	
227	3rd Function Tri-PCBs				0.8628	1.000	0.00	0.000	NO	921.0		0.303	921.0	
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.000	NO	2317		0.771	2317	
229	2nd Function Hexa-PCBs				2.3383	2.000	0.00	0.000	NO	2158		0.895	2158	
230	4th Function Hexa-PCBs				1.0735	1.000	0.00	0.000	NO	279.6		0.120	279.6	
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00	0.000	NO	870.0		0.182	870.0	
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.000	NO	1917		1.30	1917	
233	Total Hexa-PCBs				1.9464	1.000	0.00	0.000	NO	4793		1.44	4793	

#	Name	Peak	Area	Height	Width	Area%	Height%	Width%
66	PCB-104	37.46	32.47	4.74e5	2.89e5	1.580	1.80	NO
67	PCB-86	37.78	33.78	4.88e5	2.86e5	1.580	1.58	NO
68	PCB-103	34.30	34.30	3.73e5	2.30e5	1.580	1.80	NO
69	PCB-100	34.87	34.88	3.75e5	2.43e5	1.580	1.54	NO
70	PCB-84	35.18	35.18	2.87e5	1.80e5	1.580	1.57	NO
71	PCB-85/81/82	35.87	35.87	1.15e5	7.43e5	1.880	1.58	NO
72	PCB-83	35.79	35.81	2.78e5	1.74e5	1.580	1.80	NO

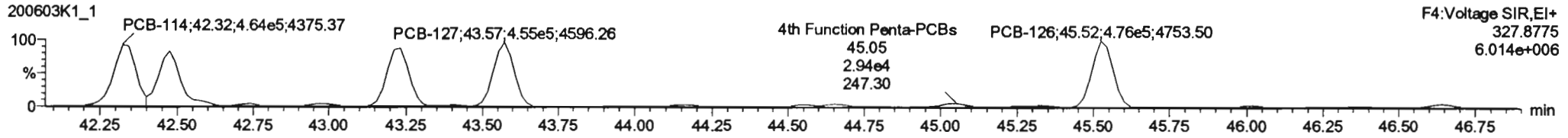
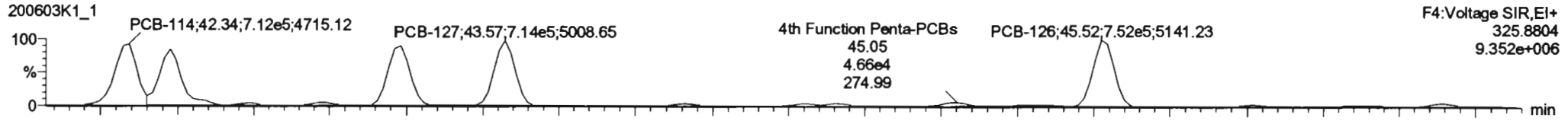


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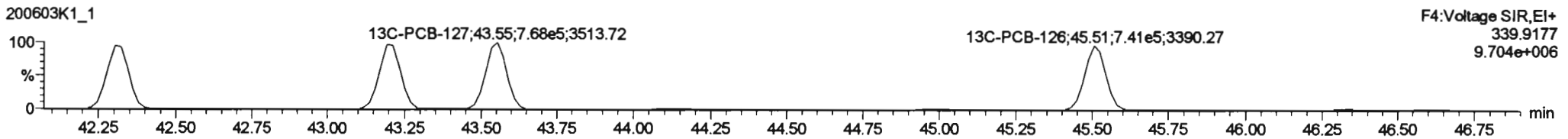
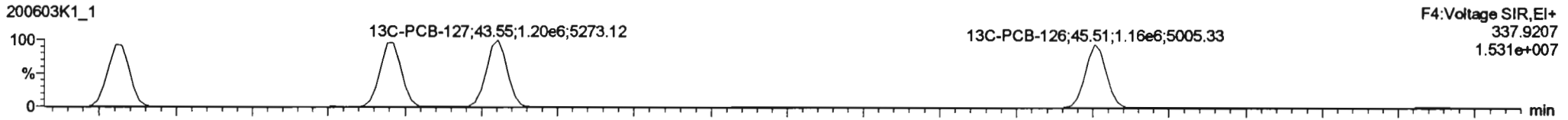
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

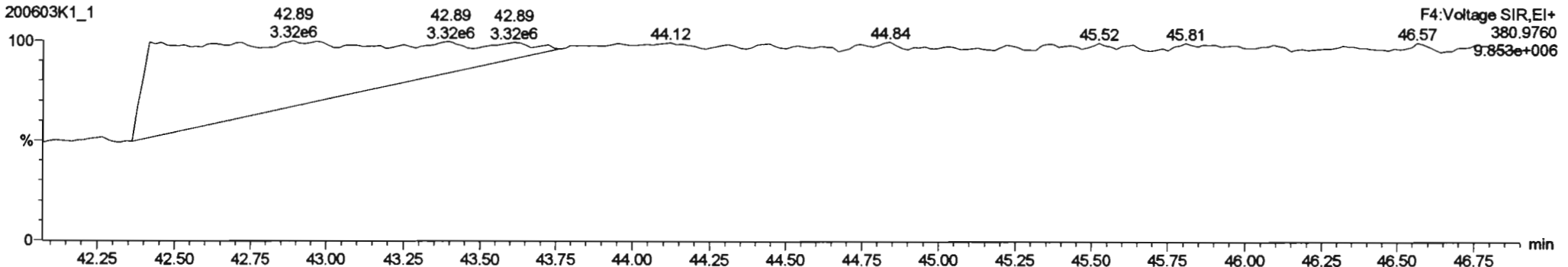
**PCB-114**



**13C-PCB-114**



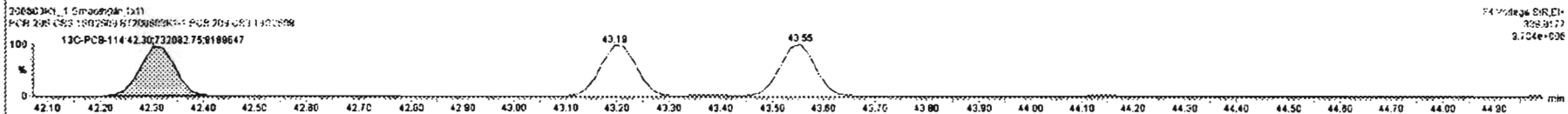
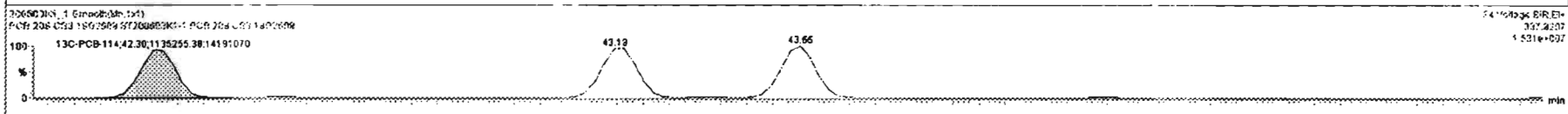
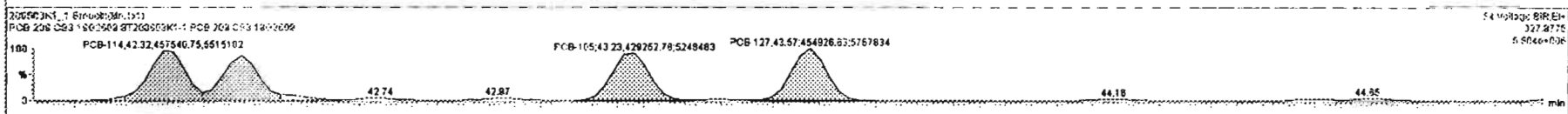
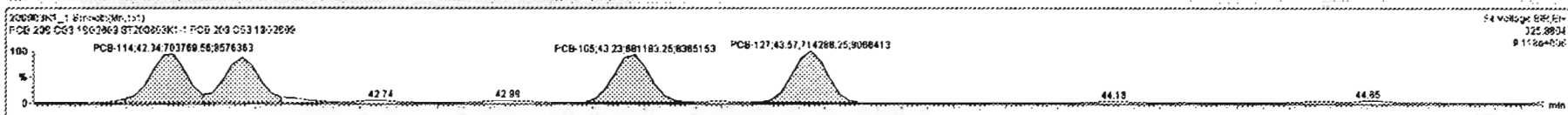
**PFK4a**





#	Name	Area	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR	RR
223	13C-PCB-178	8.05e5	0.44	NO	1.0608	1.000	46.87	46.87	0.823	0.823	NO	103.1	103	0.0811				
224	Total Mono-PCBs				1.1685	1.000	0.00		0.000		NO	162.3		0.0222	162.3			
225	Total Di-PCBs				1.0537	1.000	0.00		0.000		NO	858.5		0.367	858.5			
226	2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	433.8		0.122	433.8			
227	3rd Function Tri-PCBs				0.8828	1.000	0.00		0.000		NO	821.8		0.303	821.8			
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2317		0.771	2317			
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2105		0.630	2105			
230	4th Function Penta-PCBs				3.3726	3.222	0.00		0.000		NO	229.6		0.129	229.6			
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00		0.000		NO	870.0		0.182	870.0			
232	4th Function Hexa-PCBs				1.0316	1.000	0.00		0.000		NO	1517		1.30	1517			
233	Total Hepta-PCBs				1.9449	1.000	0.00		0.000		NA	1243		1.44	1243			

#	Name	Peak #1	RT	Area	Height	RR	RR	RR	RR	RR	RR	RR	RR
83	PCB-114	42.30	42.34	7.038e5	4.575e5	1.580	1.54	NO	54.488	54.488			
84	PCB-122	42.47	42.47	6.327e5	4.004e5	1.580	1.58	NO	58.588	58.588			
85	PCB-105	43.21	43.23	6.812e5	4.283e5	1.550	1.56	NO	65.272	65.272			
86	PCB-127	43.57	43.57	7.143e5	4.548e5	1.580	1.57	NO	58.007	58.007			
87	PCB-128	45.52	45.52	7.521e5	4.758e5	1.580	1.58	NO	55.207	55.207			



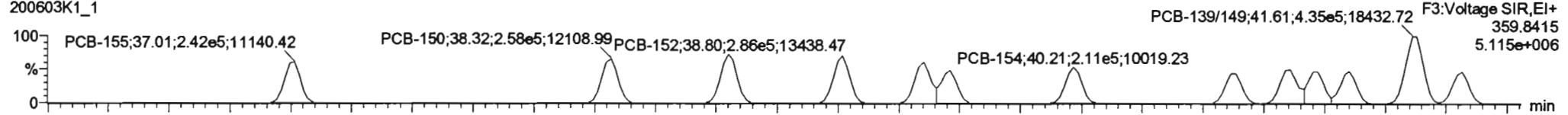
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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

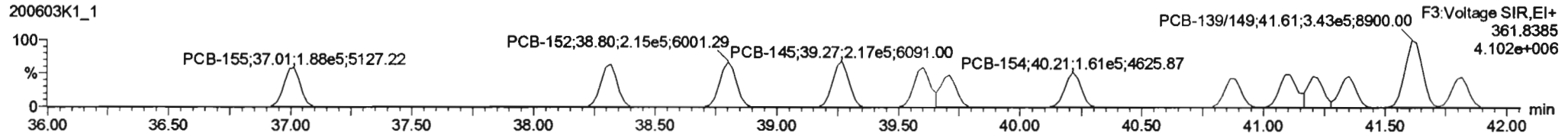
Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-155**

200603K1\_1

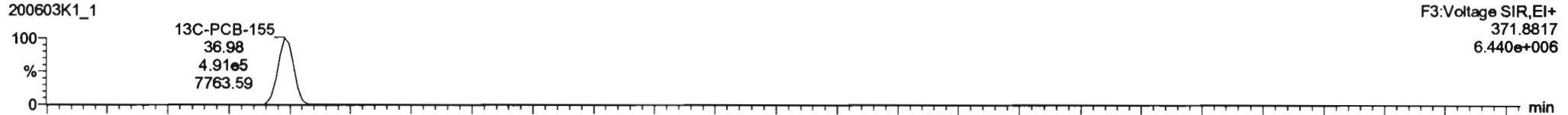


200603K1\_1

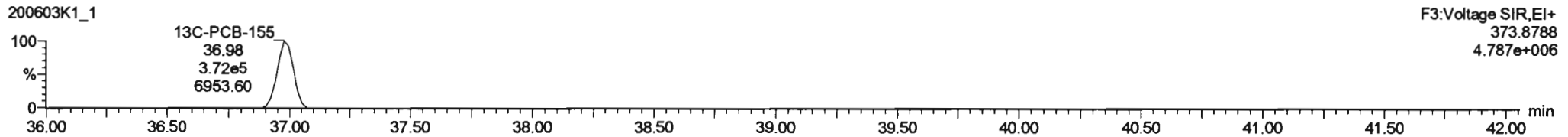


**13C-PCB-155**

200603K1\_1

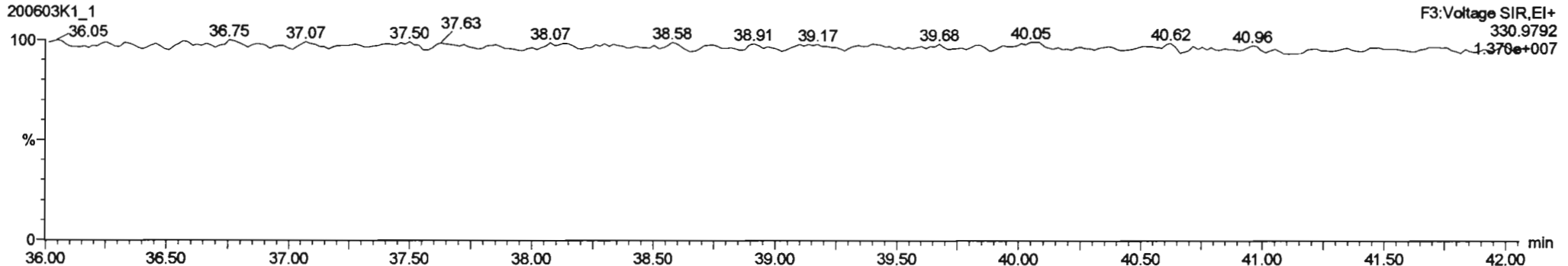


200603K1\_1



**PFK3c**

200603K1\_1

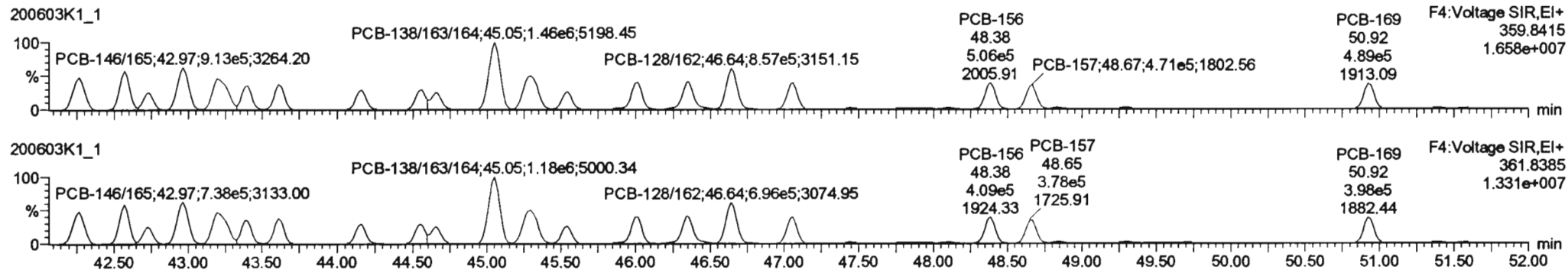


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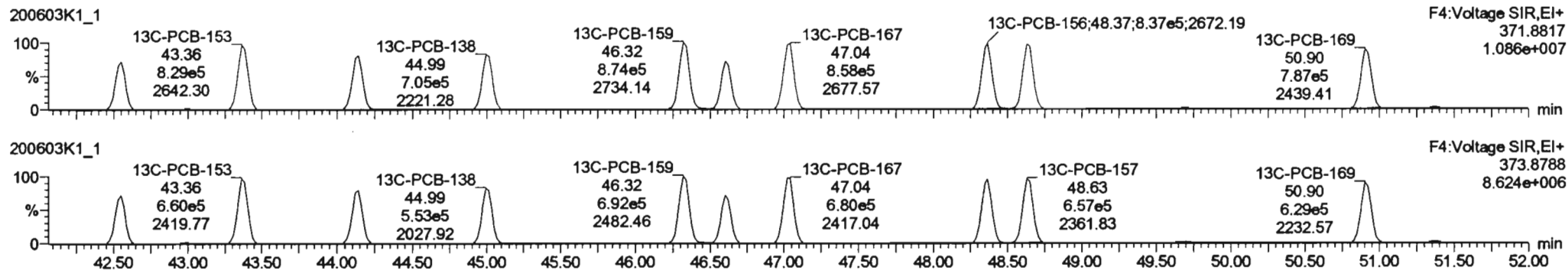
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Name: 200603K1\_1, Date: 03-Jun-2020, Time: 14:47:20, ID: ST200603K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

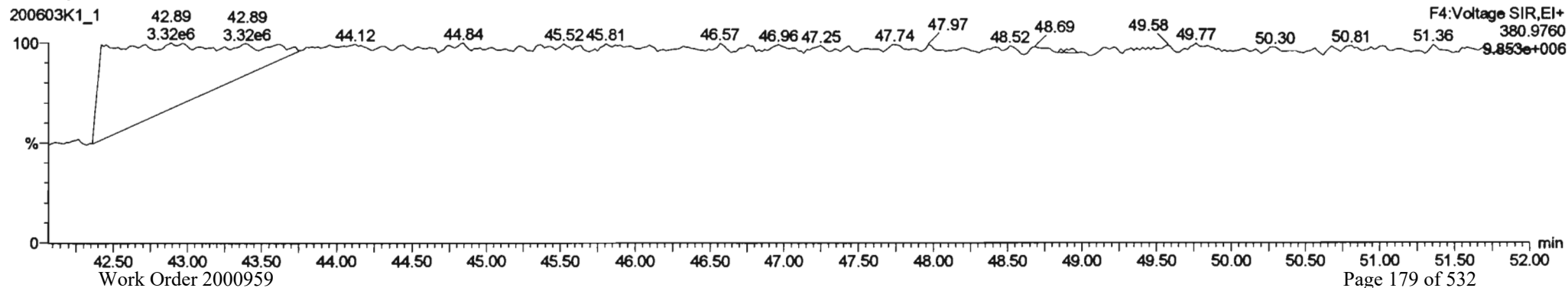
**PCB-134/143**



**13C-PCB-153**

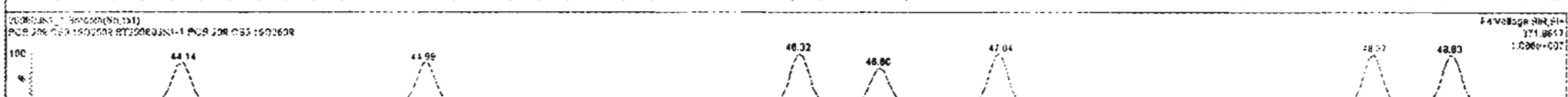
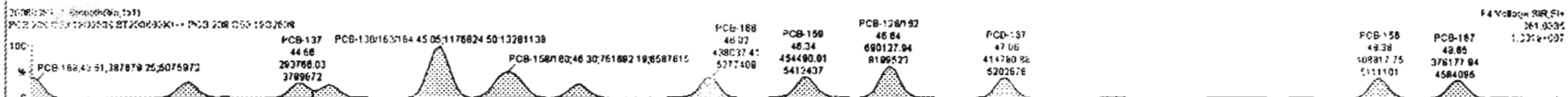
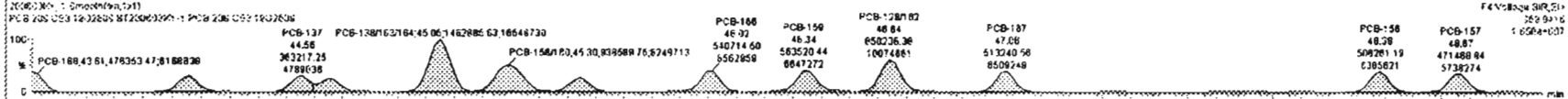


**PFK4b**



#	Name	Flow	RA	Wt	WPP	WPP%	PhasRT	RT	PhasR	RRT	RRT%	Code	Wt%	DL	BMPC
223	13C-PCB-178	0.0565	0.44	NO	1.0508	1.000	45.87	45.87	0.823	0.823	NO	103.1	103	0.0811	
224	Total Mono-PCBs				1.1685	1.000	0.00	0.000	0.000	0.000	NO	182.3		0.0222	182.3
225	Total Di-PCBs				1.0537	1.000	0.00	0.000	0.000	0.000	NO	858.5		0.357	858.5
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000	0.000	0.000	NO	433.8		0.122	433.8
227	3rd Function Tri-PCBs				0.8828	1.000	0.00	0.000	0.000	0.000	NO	921.8		0.300	921.8
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.000	0.000	0.000	NO	2317		0.771	2317
229	2nd Function Penta-PCBs				1.3157	1.000	0.00	0.000	0.000	0.000	NO	2105		0.690	2105
230	3th Function Penta-PCBs				1.0736	1.000	0.00	0.000	0.000	0.000	NO	279.8		0.130	279.8
231	3rd Function Hexa-PCBs				0.8628	1.000	0.00	0.000	0.000	0.000	NO	870.0		0.182	870.0
232	Total Hepta-PCBs				0.2282	1.000	0.00	0.000	0.000	0.000	NO	151.7		0.046	151.7
233	Total Hx-PCBs				1.9464	1.000	0.00	0.000	0.000	0.000	NO	1761		0.701	1761

#	Name	Flow (RT)	RT	Wt Flow	Wt Flow%	1st Peak (Flow)	RA	Wt	BMPC	Code
111	PCB-136/43	42.28	42.28	8.944e5	5.509e5	1.240	1.25	NO	110.58	110.58
112	PCB-137/33	42.57	42.57	7.438e5	8.000e5	1.240	1.24	NO	109.89	109.89
113	PCB-142	42.72	42.74	3.278e5	2.982e5	1.240	1.22	NO	53.054	53.054
114	PCB-148/85	42.87	42.87	8.314e5	7.378e5	1.240	1.24	NO	109.60	109.60
115	PCB-130/91	43.28	43.18	8.123e5	7.378e5	1.240	1.24	NO	108.14	108.14
116	PCB-153	43.28	43.40	4.885e5	3.783e5	1.240	1.26	NO	52.870	52.870
117	PCB-188	43.81	43.81	4.784e5	3.877e5	1.240	1.23	NO	53.843	53.843

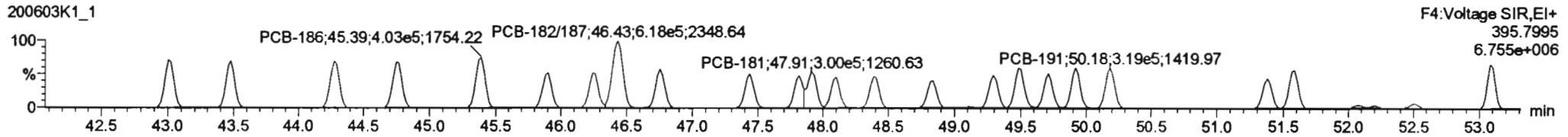
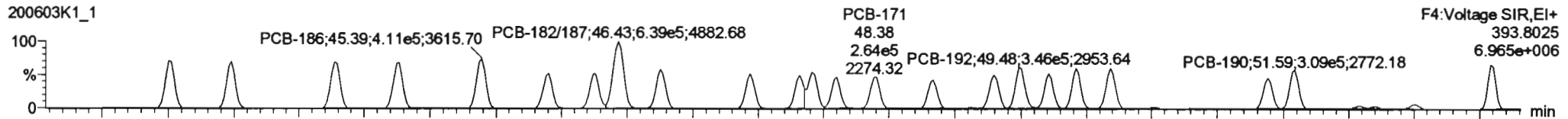


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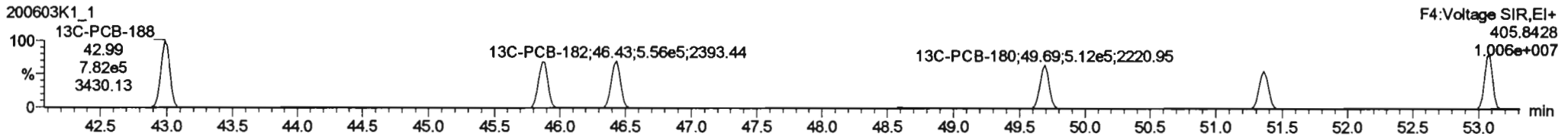
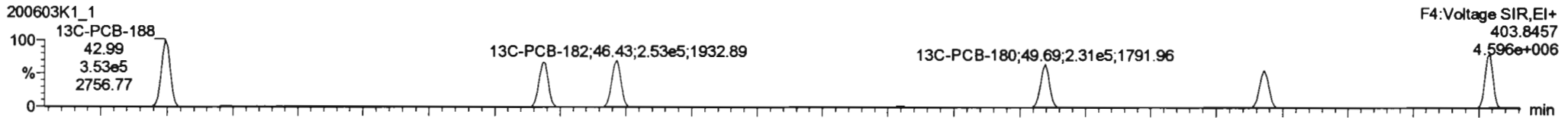
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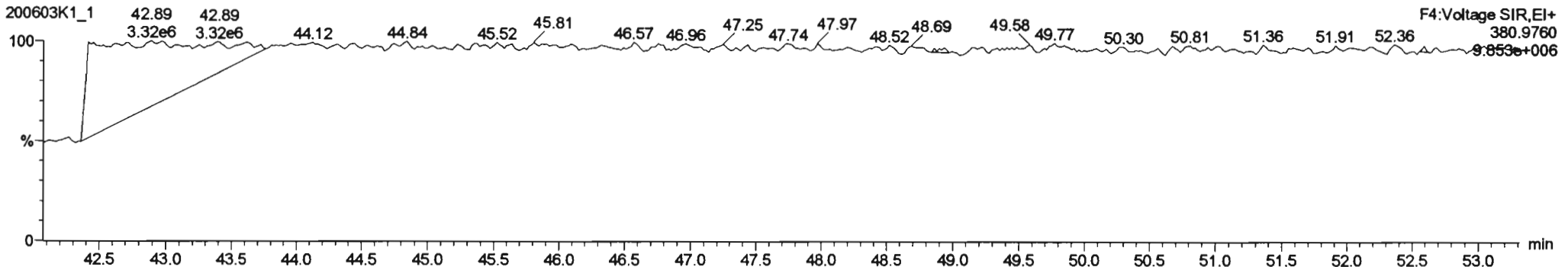
**PCB-188**



**13C-PCB-188**

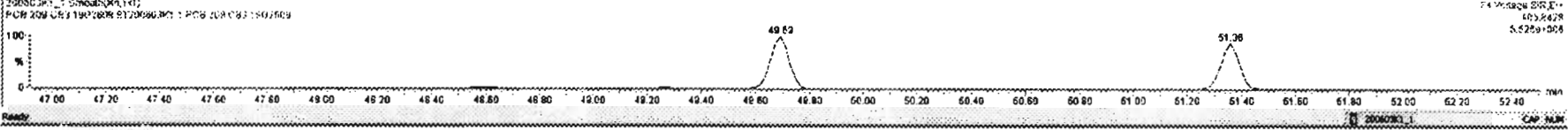
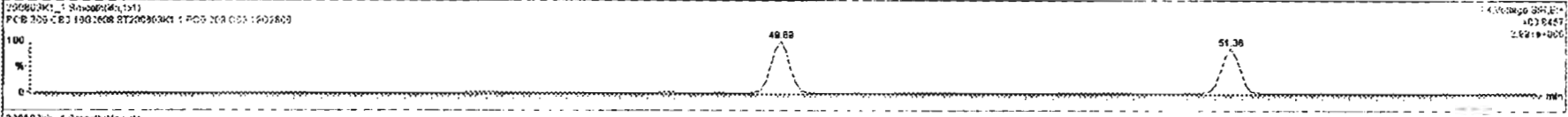
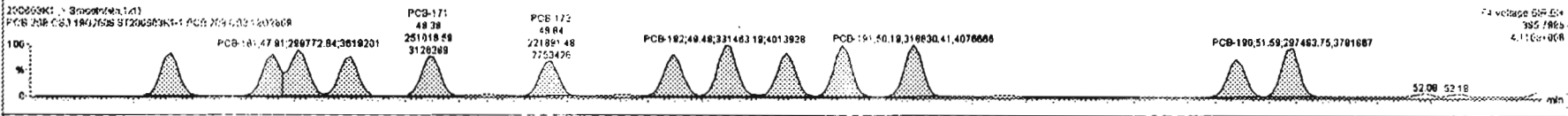
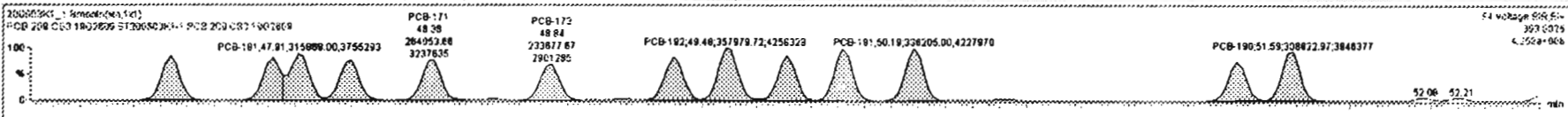


**PFK4c**



#	Name	Mass	RA	RV	RP	Wt/rd	Pres/RT	RT	Pres/R	RP	RP/RT	CP	NR	Q	Q/C
223	223 13C PCB-178	8.05e5	0.44	NO	1.0500	1.000	45.87	45.87	0.823	NO	103.1	100	0.0911		
224	224 Total Mono-PCBs				1.1886	1.000	0.00	0.000	NO	182.3			0.0222	182.3	
225	225 Total Di-PCBs				1.6537	1.000	0.00	0.000	NO	858.5			0.357	858.5	
226	226 2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000	NO	439.8			0.122	439.8	
227	227 3rd Function Tri-PCBs				0.9828	1.000	0.00	0.000	NO	521.9			0.303	521.9	
228	228 Total Tetra-PCBs				1.0778	1.000	0.00	0.000	NO	231.7			0.771	231.7	
229	229 3rd Function Penta-PCBs				1.3152	1.000	0.00	0.000	NO	2105			0.830	2105	
230	230 4th Function Penta-PCBs				1.0735	1.000	0.00	0.000	NO	279.8			0.120	279.8	
231	231 3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000	NO	870.0			0.182	870.0	
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	NO	151.7			1.30	151.7	
233	233 Total PCBs				1.4441	1.000	0.00	0.000	NO	1048			1.94	1048	

#	Name	Mass (g)	RT	Wt/rd	Pres/RT	RT	Pres/R	RP	RP/RT	CP	NR	Q	Q/C
131	131 PCB-188	43.02	43.00	3.941e5	3.791e5	1.090	1.04	NO	52.811	52.811			
132	132 PCB-184	43.48	43.48	3.774e5	3.843e5	1.060	1.04	NO	53.039	53.039			
133	133 PCB-178	44.27	44.27	3.889e5	3.886e5	1.090	1.05	NO	51.257	51.257			
134	134 PCB-178	44.74	44.77	3.831e5	3.723e5	1.050	1.03	NO	50.845	50.845			
135	135 PCB-186	45.39	45.38	4.112e5	4.032e5	1.090	1.02	NO	53.871	53.871			
136	136 PCB-178	45.80	45.80	2.894e5	2.787e5	1.050	1.03	NO	52.988	52.988			
137	137 PCB-175	46.23	46.24	2.908e5	2.820e5	1.090	1.03	NO	52.782	52.782			



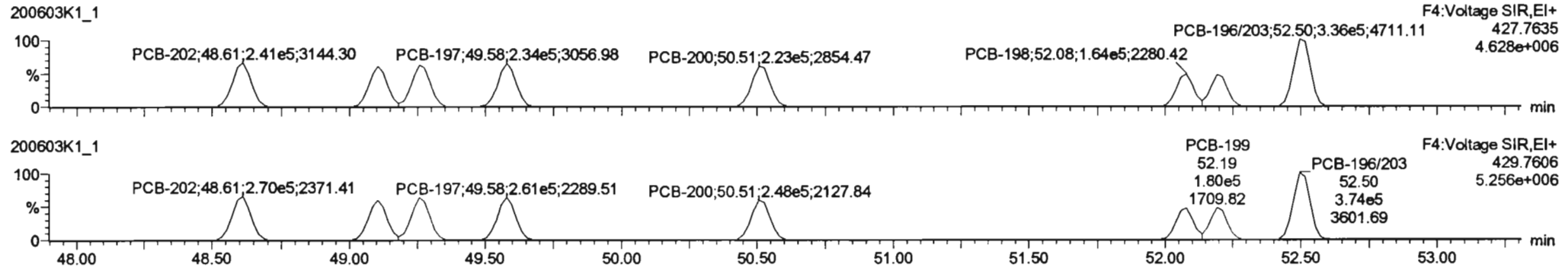
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 Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

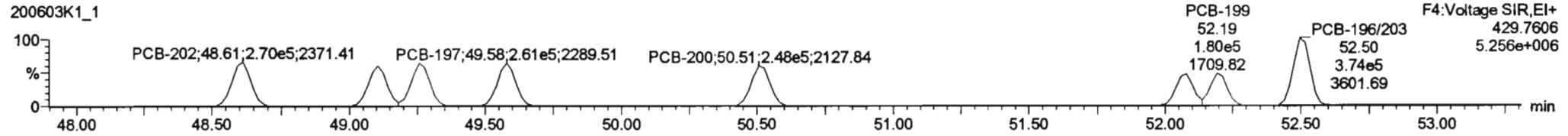
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**PCB-202**

200603K1\_1

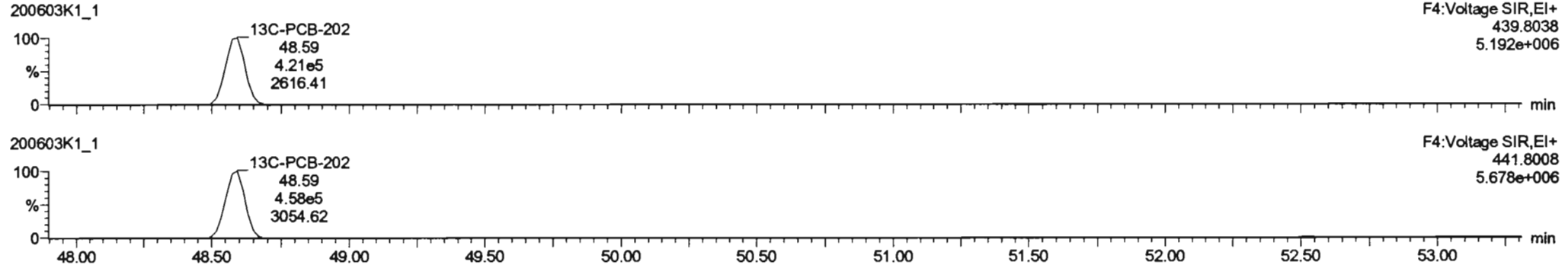


200603K1\_1

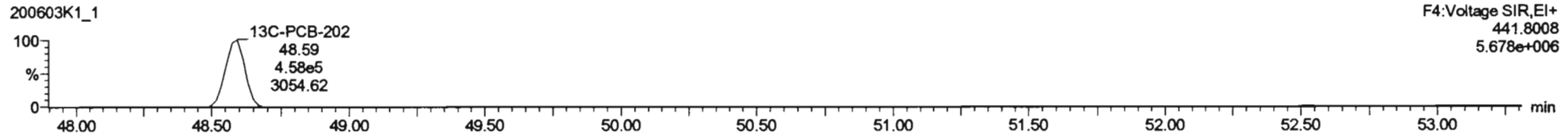


**13C-PCB-202**

200603K1\_1

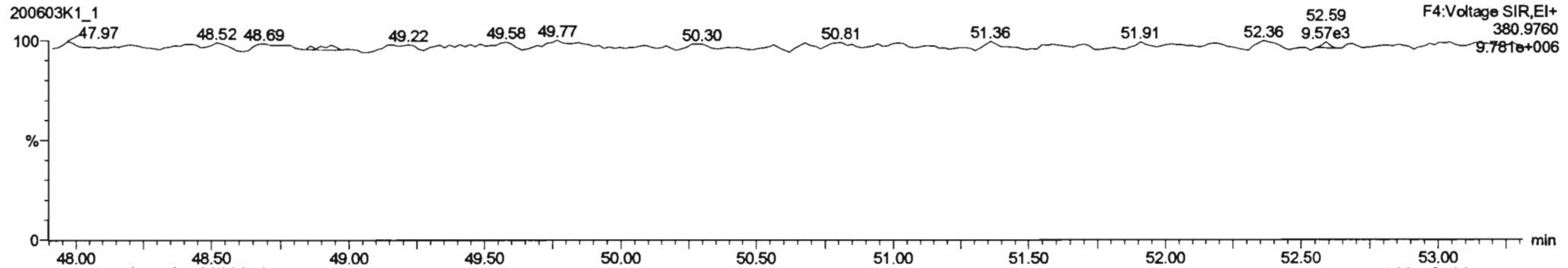


200603K1\_1



**PFK4d**

200603K1\_1



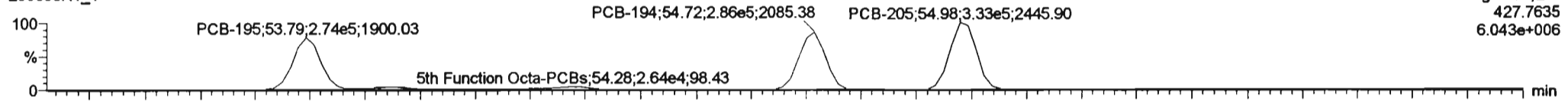
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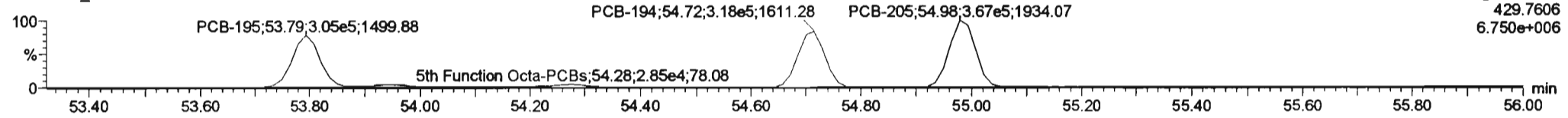
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**PCB-195**

200603K1\_1

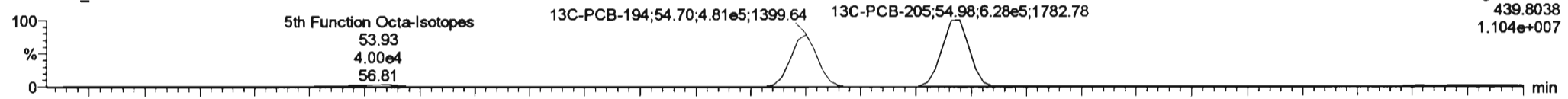


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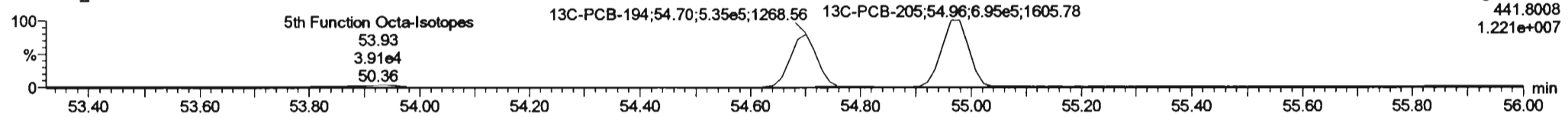


**13C-PCB-194**

200603K1\_1

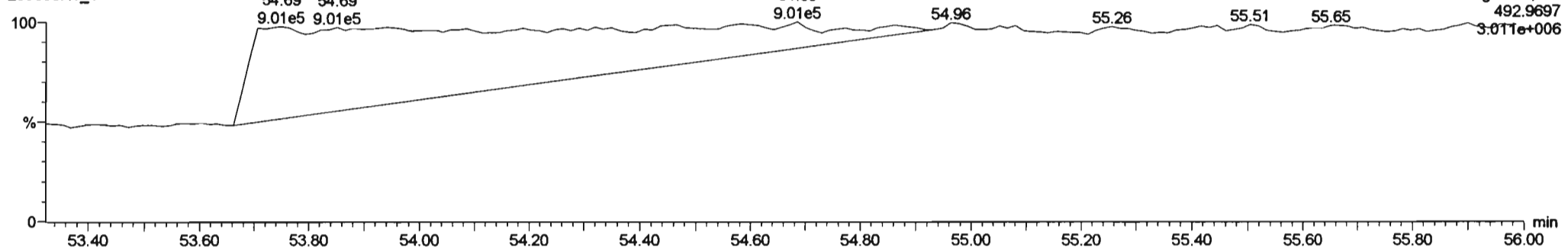


200603K1\_1



**PFK5a**

200603K1\_1





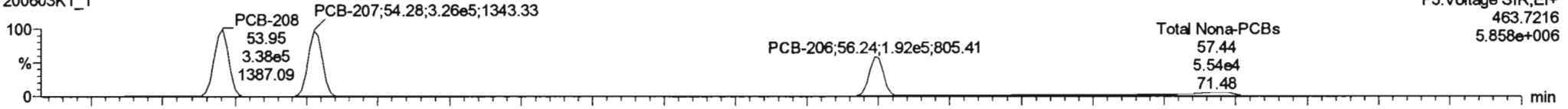
Dataset: Untitled

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Printed: Thursday, June 04, 2020 07:32:56 Pacific Daylight Time

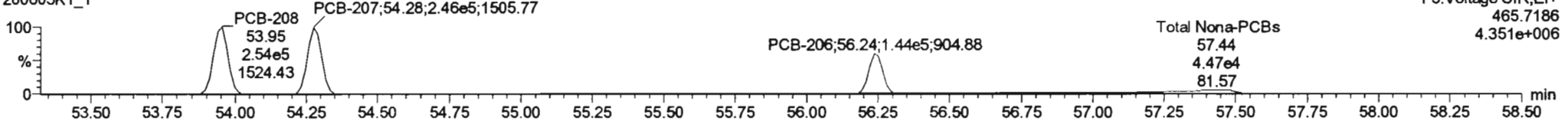
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**PCB-208**

200603K1\_1

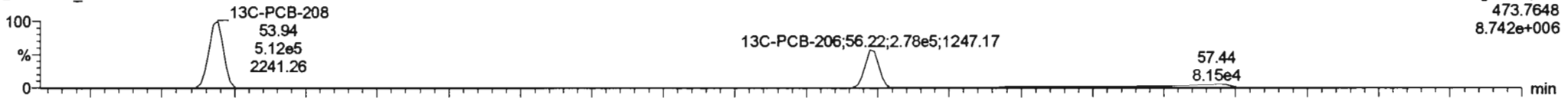


200603K1\_1

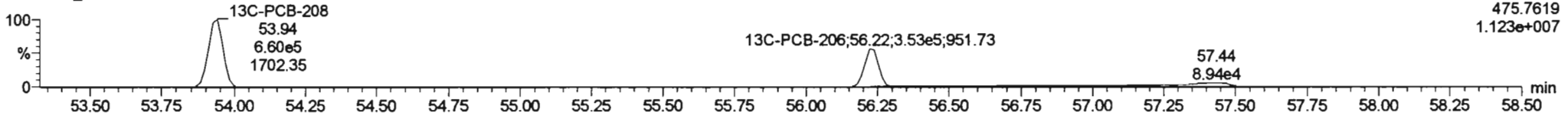


**13C-PCB-208**

200603K1\_1

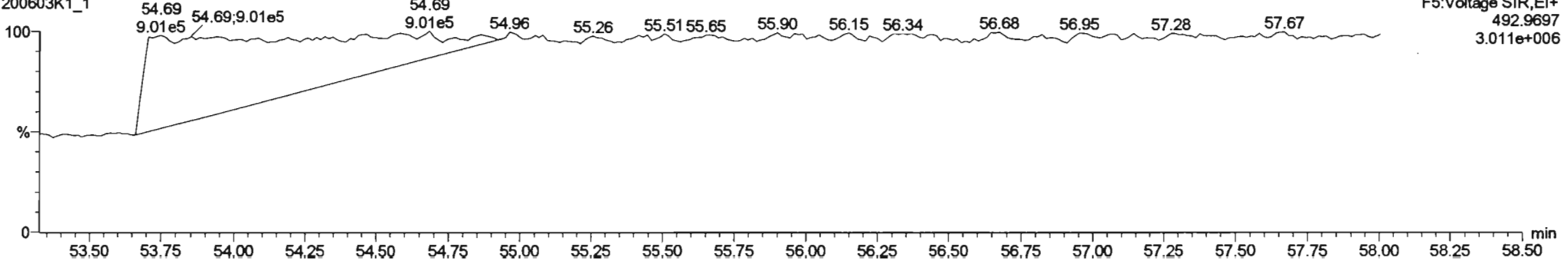


200603K1\_1



**PFK5**

200603K1\_1



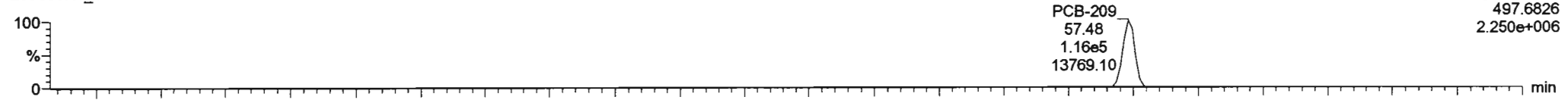
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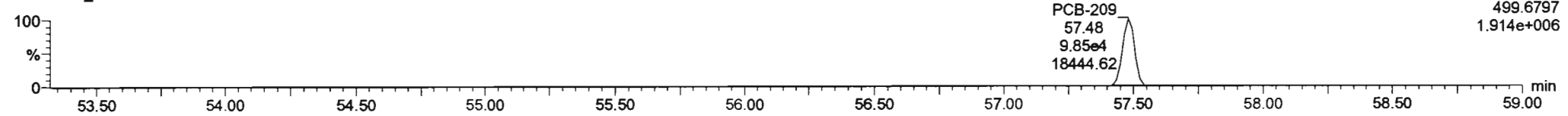
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**PCB-209**

200603K1\_1

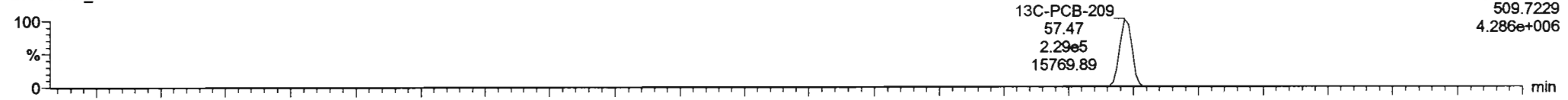


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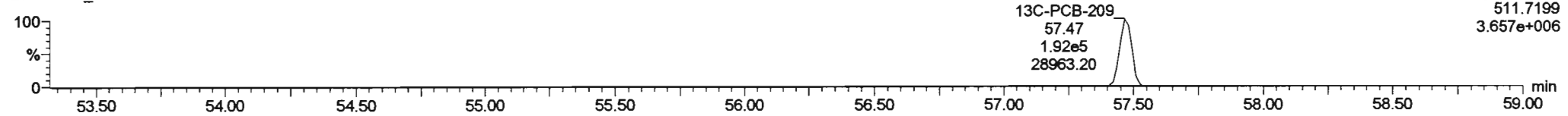


**13C-PCB-209**

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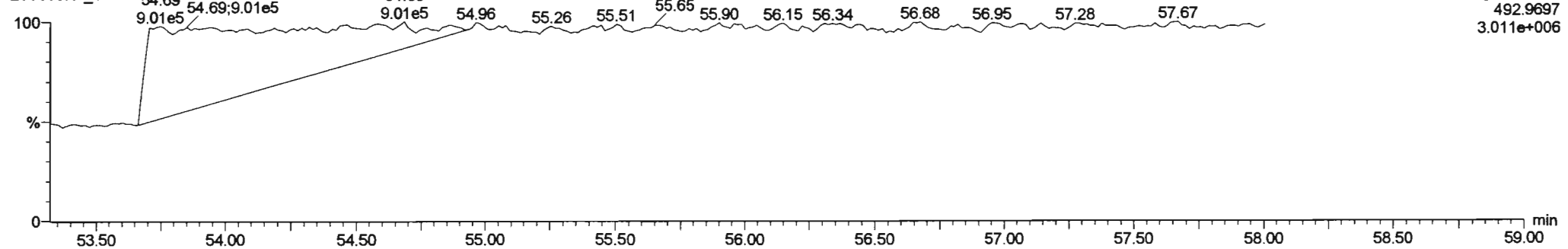


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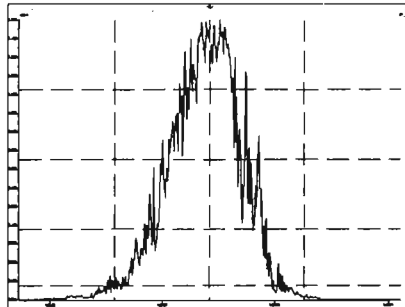
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200603K1\_1

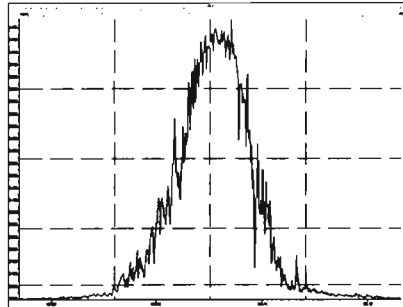


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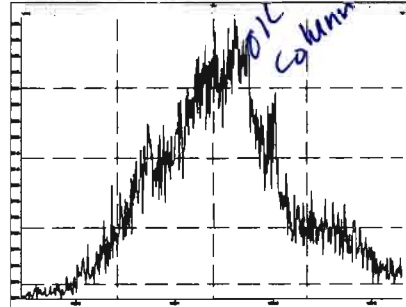
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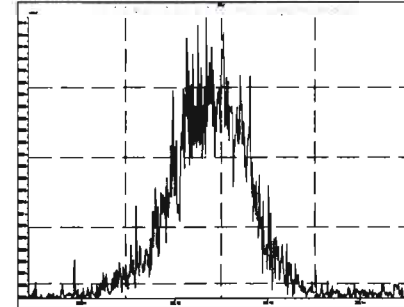
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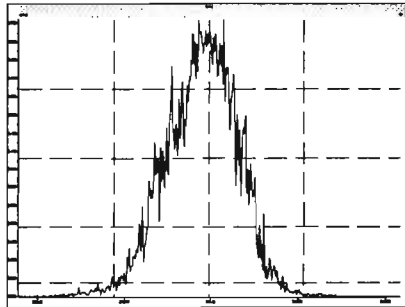
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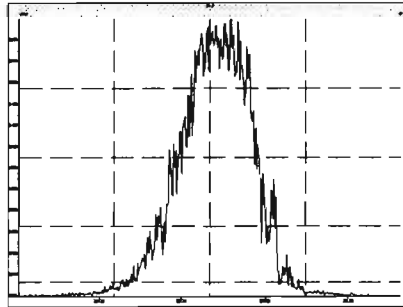
M 204.9888 R 13667



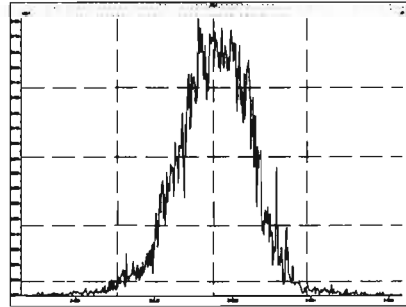
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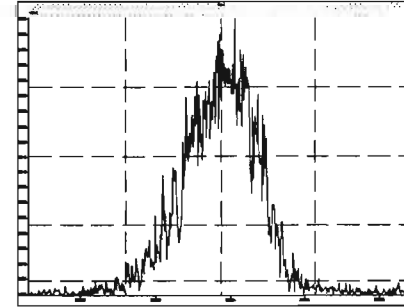
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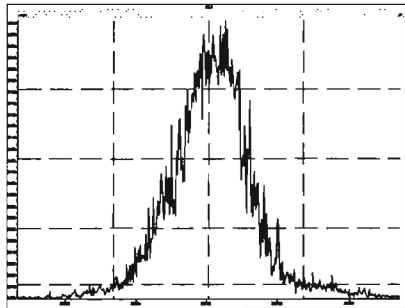
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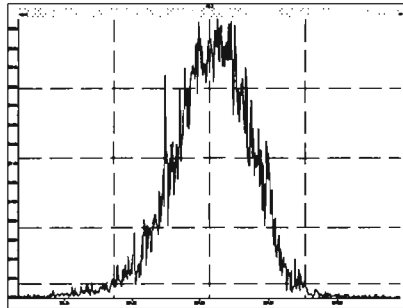
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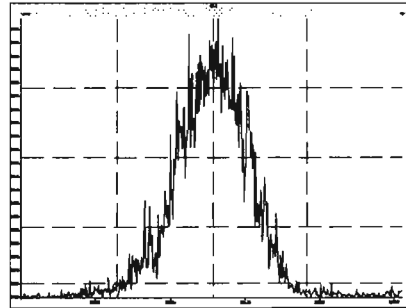
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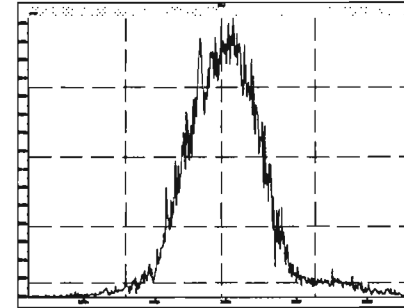
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M 254.9856 R 12574

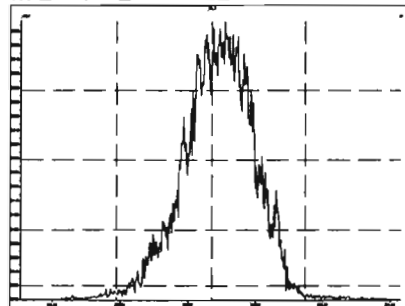


M 268.9824 R 12372

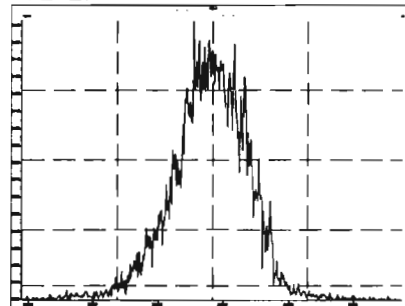


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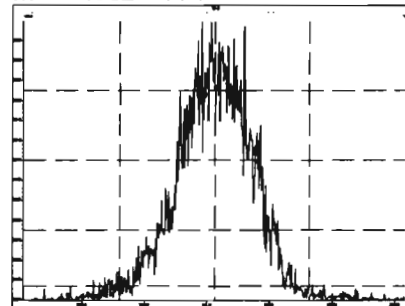
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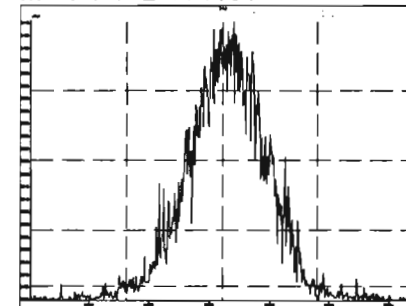
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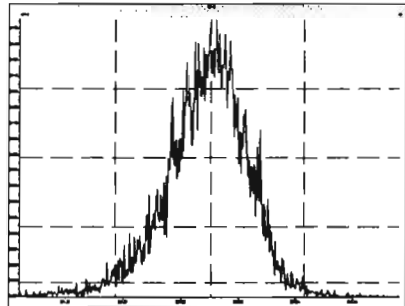
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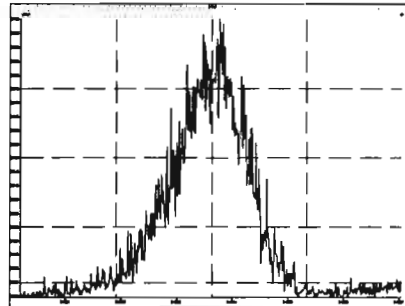
M 318.9792 R 11849



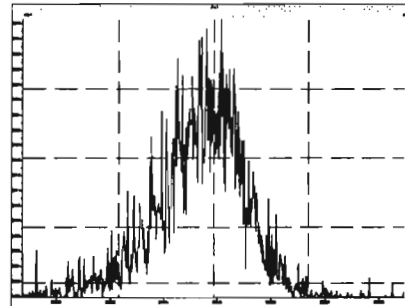
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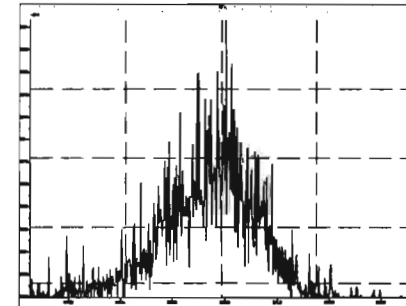
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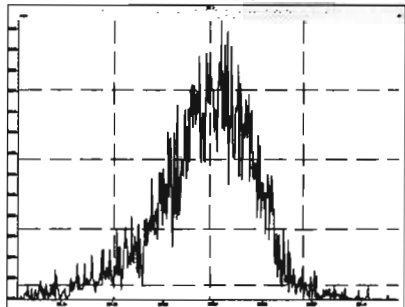
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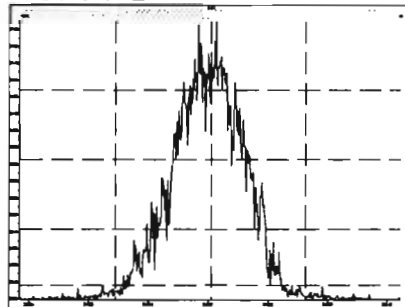
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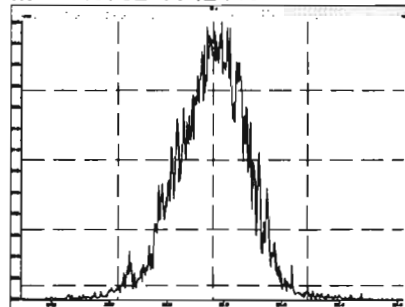
M 380.9760 R 10301



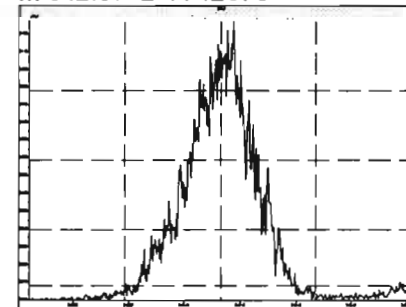
M 318.9792 R 12194



M 330.9792 R 12440

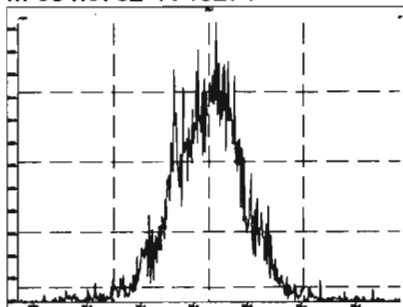


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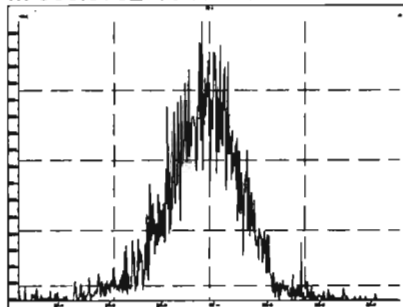


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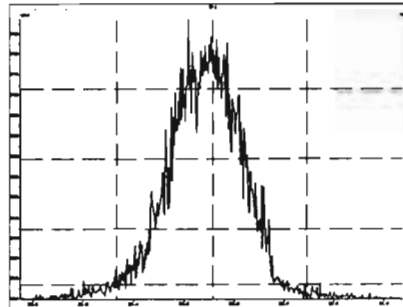
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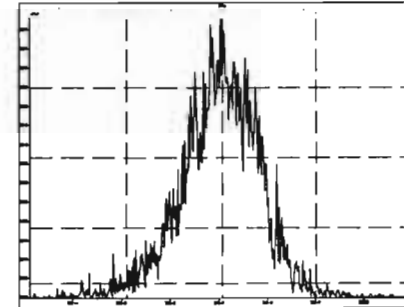
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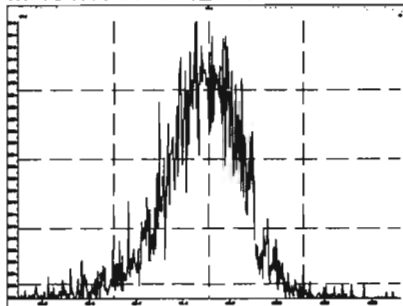
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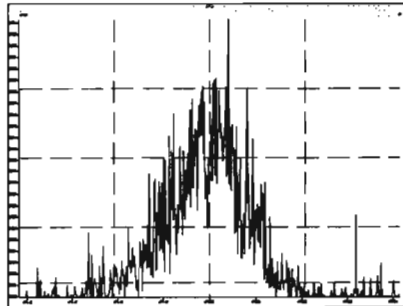
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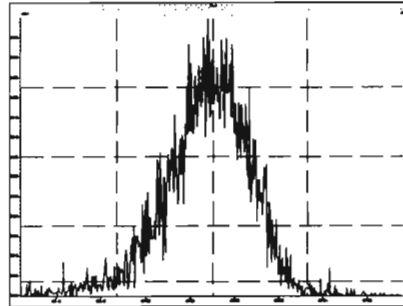
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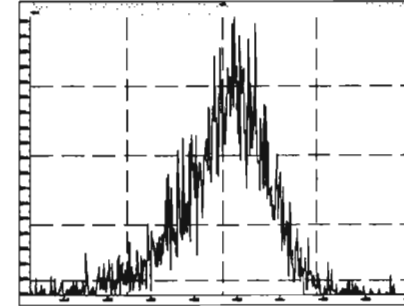
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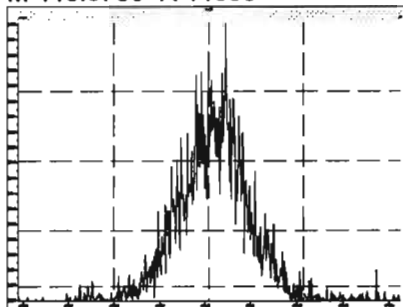
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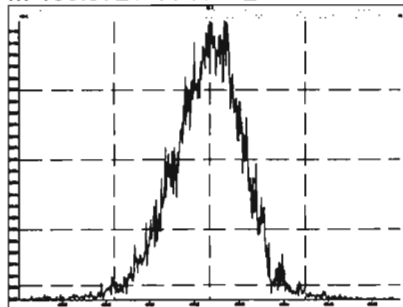
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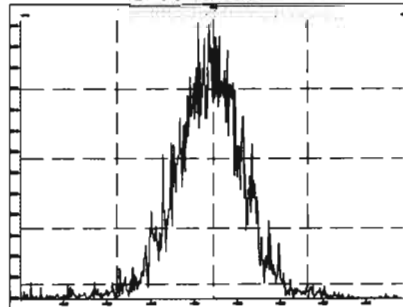
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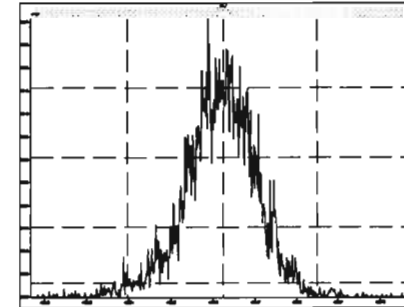
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M 442.9728 R 13855

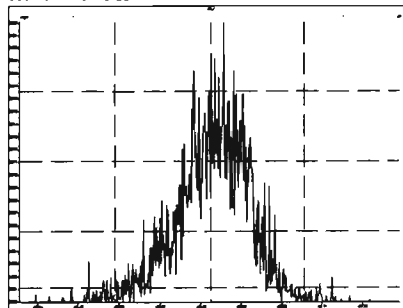


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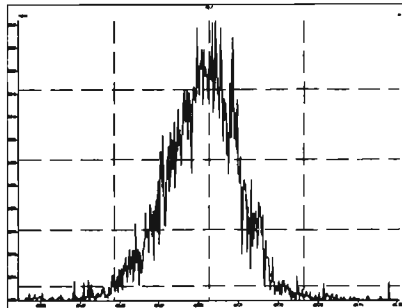


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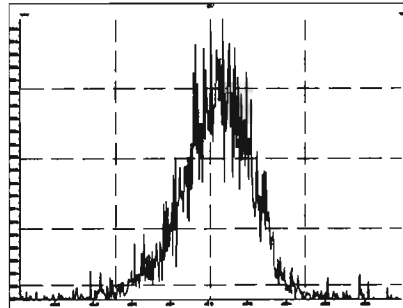
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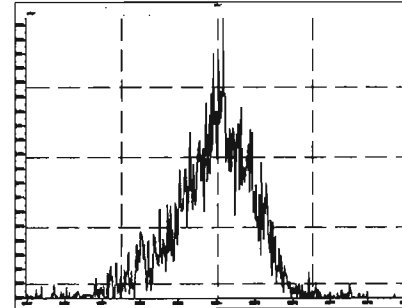
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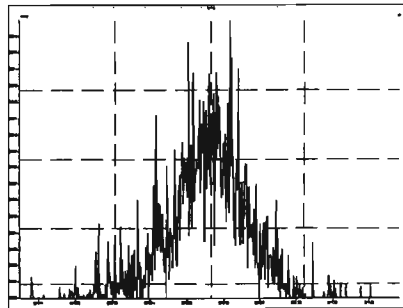
M 492.9696 R 12729



M 504.9696 R 13559



M 516.9697 R 18926



# HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

**1**  
**Beg. Calibration ID:** ST200604K1-1

**Reviewed By:** C7 06/08/2020  
*Initials & Date*

**End Calibration ID:** NA

	<u>Beg.</u>	<u>End</u>		<u>Beg.</u>	<u>End</u>
<b>Ion abundance within QC limits?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA	<b>Mass resolution <math>\geq</math></b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Concentrations within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 5k <input type="checkbox"/> 6-8K <input type="checkbox"/> 8K <input checked="" type="checkbox"/> 10K 1614    1699    429    1613/1668/8280		
<b>TCDD/TCDF Valleys &lt;25%</b>	<input type="checkbox"/> NA	<input type="checkbox"/>	<b>Intergrated peaks display correctly?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/> NA
<b>First and last eluters present?</b>	<input type="checkbox"/> NR	<input type="checkbox"/>	<b>GC Break &lt;20%</b>	<input type="checkbox"/> NA	
<b>Retention Times within criteria?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b><u>8280 CS1 End Standard:</u></b>		
<b>Verification Std. named correctly?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>- Ratios within limits, S/N &lt;2.5:1, CS1 within 12 hours</b>	<input type="checkbox"/> NA	
<b>(ST-Year-Month-Day-VG ID)</b>					
<b>Forms signed and dated?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Comments:</b>	<div style="height: 150px;"></div>	
<b>Correct ICAL referenced?</b>	<u>GRB</u>	<input type="checkbox"/>			
<b><u>Run Log:</u></b>					
<b>- Correct instrument listed?</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<b>- Samples within 12 hour clock?</b>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N			
<b>- Bottle position verified?</b>	<u>GRB</u>				

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-1.qld

Last Altered: Friday, June 05, 2020 12:51:56 Pacific Daylight Time

Printed: Friday, June 05, 2020 12:59:07 Pacific Daylight Time

GRB 06/05/2020

C7 06/08/2020

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07

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

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	nty	RRF	Vol	Pred RT	RT	Pred R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
1	1 PCB-1	2.17e6	3.18	NO	1.17	1.000	15.54	15.56	1.001	1.001	NO	53.51	107.125	0.00579	53.51
2	2 PCB-2	2.19e6	3.17	NO	1.18	1.000	17.96	17.95	0.988	0.988	NO	53.05	106	0.00601	53.05
3	3 PCB-3	2.17e6	3.15	NO	1.15	1.000	18.19	18.19	1.001	1.001	NO	54.26	109	0.00619	54.26
4	4 PCB-4/10	3.24e6	1.56	NO	1.25	1.000	19.61	19.61	1.004	1.004	NO	108.8	109	0.0267	108.8
5	5 PCB-7/9	3.97e6	1.57	NO	0.960	1.000	21.42	21.39	1.003	1.001	NO	106.7	107	0.0219	106.7
6	6 PCB-6	2.08e6	1.58	NO	1.02	1.000	22.07	22.06	1.033	1.033	NO	52.44	105	0.0206	52.44
7	7 PCB-5/8	4.10e6	1.57	NO	0.992	1.000	22.48	22.47	1.052	1.052	NO	106.7	107	0.0212	106.7
8	8 PCB-14	2.07e6	1.58	NO	1.02	1.000	23.61	23.61	0.952	0.952	NO	53.75	107	0.0222	53.75
9	9 PCB-11	2.23e6	1.57	NO	1.13	1.000	24.82	24.83	1.001	1.001	NO	52.31	105	0.0201	52.31
10	10 PCB-12/13	4.16e6	1.56	NO	1.03	1.000	25.26	25.21	1.018	1.016	NO	107.0	107	0.0220	107.0
11	11 PCB-15	2.11e6	1.55	NO	1.03	1.000	25.57	25.56	1.031	1.030	NO	53.88	108	0.0218	53.88
12	12 PCB-19	1.04e6	1.03	NO	1.11	1.000	23.80	23.79	1.001	1.001	NO	52.76	106	0.0178	52.76
13	13 PCB-30	1.67e6	1.03	NO	1.79	1.000	24.70	24.70	1.039	1.039	NO	52.27	105	0.0109	52.27
14	14 PCB-18	1.12e6	1.02	NO	0.818	1.000	25.47	25.47	0.952	0.952	NO	51.95	104	0.0165	51.95
15	15 PCB-17	1.06e6	1.02	NO	0.758	1.000	25.65	25.65	0.958	0.958	NO	52.93	106	0.0178	52.93
16	16 PCB-24/27	3.00e6	1.04	NO	1.08	1.000	26.26	26.25	0.981	0.981	NO	104.9	105	0.0125	104.9
17	17 PCB-16/32	2.57e6	1.02	NO	0.925	1.000	26.79	26.78	1.001	1.001	NO	105.0	105	0.0146	105.0
18	18 PCB-34	1.63e6	1.05	NO	0.945	1.000	27.58	27.60	0.959	0.959	NO	48.48	97.0	0.0206	48.48
19	19 PCB-23	1.71e6	1.06	NO	0.883	1.000	27.67	27.69	0.982	0.982	NO	54.44	109	0.0221	54.44
20	20 PCB-29	1.63e6	1.03	NO	0.893	1.000	27.93	27.93	0.971	0.971	NO	51.28	103	0.0218	51.28
21	21 PCB-26	1.75e6	1.05	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	52.07	104	0.0207	52.07
22	22 PCB-25	1.73e6	1.05	NO	0.950	1.000	28.31	28.32	0.984	0.984	NO	51.18	102	0.0205	51.18
23	23 PCB-31	2.04e6	1.03	NO	1.04	1.000	28.68	28.70	0.997	0.997	NO	55.26	111	0.0188	55.26
24	24 PCB-28	1.80e6	1.06	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	49.48	99.0	0.0190	49.48
25	25 PCB-20/21/33	5.19e6	1.04	NO	0.941	1.000	29.43	29.42	1.023	1.023	NO	154.9	103	0.0207	154.9
26	26 PCB-22	1.83e6	1.04	NO	0.973	1.000	29.87	29.89	1.038	1.039	NO	52.79	106	0.0201	52.79
27	27 PCB-36	1.87e6	1.04	NO	1.08	1.000	30.52	30.52	0.931	0.931	NO	54.93	110	0.0194	54.93
28	28 PCB-39	1.72e6	1.03	NO	0.988	1.000	31.00	31.00	0.946	0.946	NO	55.08	110	0.0211	55.08
29	29 PCB-38	1.82e6	1.04	NO	1.05	1.000	31.80	31.80	0.970	0.970	NO	54.58	109	0.0198	54.58
30	30 PCB-35	1.82e6	1.04	NO	1.04	1.000	32.34	32.34	0.967	0.967	NO	55.20	110	0.0200	55.20
31	31 PCB-37	1.77e6	1.06	NO	1.01	1.000	32.79	32.79	1.001	1.001	NO	55.47	111	0.0207	55.47



Dataset: U:\VG11.PRO\Results\200604K1\200604K1-1.qld

Last Altered: Friday, June 05, 2020 12:51:56 Pacific Daylight Time

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Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	ny	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
32	32 PCB-54	1.39e6	0.75	NO	1.08	1.000	27.64	27.65	1.001	1.001	NO	54.02	108.75-125%	0.0158	54.02
33	33 PCB-50	1.10e6	0.76	NO	0.880	1.000	28.83	28.84	1.044	1.044	NO	52.52	105	0.0194	52.52
34	34 PCB-53	1.03e6	0.77	NO	0.997	1.000	29.50	29.51	0.944	0.944	NO	54.77	110	0.0218	54.77
35	35 PCB-51	1.11e6	0.77	NO	1.07	1.000	29.85	29.87	0.955	0.955	NO	55.00	110	0.0204	55.00
36	36 PCB-45	8.70e5	0.77	NO	0.858	1.000	30.30	30.32	0.969	0.970	NO	53.63	107	0.0253	53.63
37	37 PCB-46	8.24e5	0.77	NO	0.831	1.000	30.80	30.82	0.985	0.986	NO	52.48	105	0.0262	52.48
38	38 PCB-52/69	2.41e6	0.76	NO	1.17	1.000	31.30	31.30	1.001	1.001	NO	109.5	109	0.0186	109.5
39	39 PCB-73	1.41e6	0.77	NO	1.44	1.000	31.41	31.43	1.005	1.005	NO	51.69	103	0.0151	51.69
40	40 PCB-43/49	2.04e6	0.77	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	106.2	106	0.0214	106.2
41	41 PCB-47	1.02e6	0.77	NO	0.922	1.000	31.80	31.80	1.001	1.001	NO	54.86	110	0.0218	54.86
42	42 PCB-48/75	2.41e6	0.77	NO	1.12	1.000	31.92	31.93	1.004	1.005	NO	106.7	107	0.0179	106.7
43	43 PCB-65	1.32e6	0.76	NO	1.28	1.000	32.19	32.19	1.013	1.013	NO	51.05	102	0.0157	51.05
44	44 PCB-62	1.26e6	0.78	NO	1.13	1.000	32.29	32.31	1.016	1.016	NO	55.30	111	0.0178	55.30
45	45 PCB-44	8.77e5	0.75	NO	0.824	1.000	32.62	32.64	1.026	1.027	NO	52.82	106	0.0244	52.82
46	46 PCB-42/59	2.24e6	0.77	NO	1.05	1.000	32.85	32.86	1.033	1.034	NO	106.1	106	0.0191	106.1
47	47 PCB-41/64/71/72	5.15e6	0.76	NO	1.19	1.000	33.47	33.46	1.053	1.053	NO	215.5	108	0.0169	215.5
48	48 PCB-68	1.37e6	0.75	NO	1.28	1.000	33.72	33.74	1.061	1.061	NO	53.06	106	0.0157	53.06
49	49 PCB-40	6.53e5	0.76	NO	0.802	1.000	33.95	33.96	1.068	1.068	NO	53.83	108	0.0333	53.83
50	50 PCB-57	1.43e6	0.76	NO	1.16	1.000	34.32	34.33	0.969	0.970	NO	52.17	104	0.0156	52.17
51	51 PCB-67	1.39e6	0.76	NO	1.08	1.000	34.63	34.65	0.978	0.978	NO	54.68	109	0.0167	54.68
52	52 PCB-58	1.46e6	0.78	NO	1.20	1.000	34.74	34.76	0.981	0.982	NO	51.45	103	0.0150	51.45
53	53 PCB-63	1.34e6	0.75	NO	1.07	1.000	34.91	34.93	0.986	0.986	NO	53.20	106	0.0169	53.20
54	54 PCB-74	1.43e6	0.76	NO	1.19	1.000	35.22	35.23	0.994	0.995	NO	51.30	103	0.0153	51.30
55	55 PCB-61/70	2.71e6	0.77	NO	1.05	1.000	35.43	35.36	1.000	0.998	NO	109.3	109	0.0172	109.3
56	56 PCB-76/66	2.89e6	0.74	NO	1.16	1.000	35.62	35.60	1.006	1.005	NO	105.3	105	0.0156	105.3
57	57 PCB-80	1.54e6	0.78	NO	1.19	1.000	35.88	35.88	1.001	1.001	NO	53.37	107	0.0143	53.37
58	58 PCB-55	1.50e6	0.76	NO	1.17	1.000	36.22	36.21	1.010	1.010	NO	52.52	105	0.0145	52.52
59	59 PCB-56/60	2.63e6	0.77	NO	1.02	1.000	36.72	36.72	1.024	1.024	NO	105.9	106	0.0167	105.9
60	60 PCB-79	1.47e6	0.76	NO	1.14	1.000	37.82	37.81	1.055	1.054	NO	53.12	106	0.0149	53.12
61	61 PCB-78	1.41e6	0.77	NO	1.14	1.000	38.54	38.54	0.987	0.987	NO	53.38	107	0.0156	53.38
62	62 PCB-81	1.29e6	0.76	NO	1.05	1.000	39.08	39.08	1.000	1.000	NO	52.89	106	0.0170	52.89
63	63 PCB-77	1.39e6	0.76	NO	1.14	1.000	39.69	39.69	1.000	1.000	NO	53.46	107	0.0161	53.46
64	64 PCB-104	9.43e5	1.57	NO	1.12	1.000	32.47	32.49	1.001	1.001	NO	51.88	104	0.0142	51.88
65	65 PCB-96	9.43e5	1.60	NO	1.15	1.000	33.78	33.79	1.041	1.041	NO	50.44	101	0.0138	50.44

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Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	ny	RRF	wtvol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
66	66 PCB-103	7.54e5	1.56	NO	0.936	1.000	34.32	34.35	1.058	1.058	NO	49.72	99.475126%	0.0171	49.72
67	67 PCB-100	7.58e5	1.59	NO	0.954	1.000	34.69	34.71	1.069	1.069	NO	49.05	98.1	0.0167	49.05
68	68 PCB-94	6.00e5	1.57	NO	0.949	1.000	35.21	35.21	0.985	0.985	NO	49.98	100	0.0211	49.98
69	69 PCB-95/98/102	2.36e6	1.57	NO	1.20	1.000	35.69	35.69	0.999	0.999	NO	154.9	103	0.0166	154.9
70	70 PCB-93	5.34e5	1.62	NO	0.935	1.000	35.81	35.82	1.002	1.003	NO	45.17	90.3	0.0214	45.17
71	71 PCB-88/91	1.25e6	1.54	NO	1.06	1.000	36.16	36.16	1.012	1.012	NO	92.79	92.8	0.0188	92.79
72	72 PCB-121	1.14e6	1.58	NO	1.71	1.000	36.25	36.25	1.015	1.015	NO	52.84	106	0.0117	52.84
73	73 PCB-84/92	1.26e6	1.54	NO	1.02	1.000	37.12	37.11	0.990	0.990	NO	100.8	101	0.0207	100.8
74	74 PCB-89	7.05e5	1.57	NO	1.11	1.000	37.29	37.29	0.995	0.995	NO	51.92	104	0.0191	51.92
75	75 PCB-90/101	1.39e6	1.57	NO	1.12	1.000	37.50	37.48	1.000	1.000	NO	100.9	101	0.0188	100.9
76	76 PCB-113	1.01e6	1.53	NO	1.51	1.000	37.74	37.74	1.007	1.007	NO	54.22	108	0.0139	54.22
77	77 PCB-99	7.47e5	1.58	NO	1.32	1.000	37.83	37.83	1.009	1.009	NO	46.06	92.1	0.0160	46.06
78	78 PCB-119	9.92e5	1.55	NO	1.81	1.000	38.32	38.32	0.987	0.987	NO	50.93	102	0.0131	50.93
79	79 PCB-108/112	1.62e6	1.56	NO	1.44	1.000	38.47	38.47	0.991	0.991	NO	103.6	104	0.0163	103.6
80	80 PCB-83	1.00e6	1.57	NO	1.83	1.000	38.62	38.63	0.995	0.995	NO	50.59	101	0.0129	50.59
81	81 PCB-97	6.93e5	1.56	NO	1.28	1.000	38.84	38.84	1.000	1.000	NO	50.07	100	0.0184	50.07
82	82 PCB-86	6.85e5	1.55	NO	1.12	1.000	39.01	38.99	1.005	1.004	NO	56.84	114	0.0211	56.84
83	83 PCB-87/117/125	2.55e6	1.58	NO	1.56	1.000	39.14	39.12	1.008	1.008	NO	151.7	101	0.0151	151.7
84	84 PCB-111/115	2.01e6	1.58	NO	1.91	1.000	39.29	39.28	1.012	1.012	NO	97.55	97.6	0.0124	97.55
85	85 PCB-85/116	1.63e6	1.58	NO	1.41	1.000	39.42	39.42	1.015	1.015	NO	107.2	107	0.0167	107.2
86	86 PCB-120	1.14e6	1.56	NO	2.01	1.000	39.68	39.67	1.022	1.022	NO	52.69	105	0.0118	52.69
87	87 PCB-110	9.54e5	1.58	NO	1.74	1.000	39.83	39.81	1.028	1.025	NO	50.76	102	0.0136	50.76
88	88 PCB-82	5.86e5	1.53	NO	0.781	1.000	40.46	40.46	0.976	0.976	NO	51.04	102	0.0228	51.04
89	89 PCB-124	9.98e5	1.56	NO	1.40	1.000	41.17	41.16	0.993	0.993	NO	48.62	97.2	0.0127	48.62
90	90 PCB-107/109	2.05e6	1.58	NO	1.34	1.000	41.31	41.31	0.996	0.996	NO	103.9	104	0.0133	103.9
91	91 PCB-123	9.21e5	1.59	NO	1.20	1.000	41.48	41.48	1.000	1.000	NO	52.29	105	0.0148	52.29
92	92 PCB-106/118	1.96e6	1.57	NO	1.22	1.000	41.69	41.70	1.001	1.001	NO	102.8	103	0.0140	102.8
93	93 PCB-114	1.23e6	1.57	NO	1.14	1.000	42.34	42.34	1.000	1.000	NO	52.92	106	0.0291	52.92
94	94 PCB-122	1.08e6	1.56	NO	0.944	1.000	42.49	42.49	1.004	1.004	NO	56.42	113	0.0352	56.42
95	95 PCB-105	1.17e6	1.57	NO	1.05	1.000	43.23	43.25	1.000	1.001	NO	53.54	107	0.0312	53.54
96	96 PCB-127	1.23e6	1.57	NO	1.06	1.000	43.59	43.59	1.000	1.000	NO	53.53	107	0.0296	53.53
97	97 PCB-128	1.25e6	1.59	NO	1.17	1.000	45.54	45.54	1.000	1.000	NO	53.55	107	0.0292	53.55
98	98 PCB-155	5.32e5	1.28	NO	1.04	1.000	37.01	37.01	1.000	1.001	NO	48.98	98.0	0.0109	48.98
99	99 PCB-150	5.58e5	1.29	NO	1.08	1.000	38.33	38.33	1.036	1.036	NO	49.57	99.1	0.0105	49.57

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#	Name	Resp	RA	ny	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
100	1... PCB-152	6.29e5	1.27	NO	1.19	1.000	38.82	38.82	1.049	1.049	NO	50.98	102.75-125%	0.00957	50.98
101	1... PCB-145	6.21e5	1.28	NO	1.19	1.000	39.28	39.28	1.062	1.062	NO	50.27	101	0.00955	50.27
102	1... PCB-136	5.61e5	1.28	NO	1.02	1.000	39.62	39.62	1.071	1.071	NO	52.87	106	0.0111	52.87
103	1... PCB-148	4.17e5	1.31	NO	0.842	1.000	39.73	39.73	1.074	1.074	NO	47.60	95.2	0.0135	47.60
104	1... PCB-154	4.61e5	1.29	NO	0.919	1.000	40.22	40.23	1.087	1.088	NO	48.22	96.4	0.0123	48.22
105	1... PCB-151	4.09e5	1.31	NO	0.787	1.000	40.90	40.88	1.105	1.105	NO	49.99	100	0.0144	49.99
106	1... PCB-135	4.35e5	1.26	NO	0.922	1.000	41.13	41.11	1.112	1.111	NO	45.40	90.8	0.0123	45.40
107	1... PCB-144	4.53e5	1.33	NO	0.789	1.000	41.24	41.22	1.115	1.114	NO	55.21	110	0.0144	55.21
108	1... PCB-147	4.31e5	1.29	NO	0.834	1.000	41.37	41.37	1.118	1.118	NO	49.71	99.4	0.0136	49.71
109	1... PCB-139/149	9.73e5	1.28	NO	0.948	1.000	41.64	41.63	1.125	1.125	NO	98.68	98.7	0.0120	98.68
110	1... PCB-140	4.14e5	1.26	NO	0.794	1.000	41.84	41.83	1.131	1.131	NO	50.16	100	0.0143	50.16
111	1... PCB-134/143	1.42e6	1.23	NO	0.759	1.000	42.29	42.28	0.975	0.975	NO	106.0	106	0.0813	106.0
112	1... PCB-131/133	1.51e6	1.24	NO	0.821	1.000	42.59	42.59	0.982	0.982	NO	103.9	104	0.0752	103.9
113	1... PCB-142	6.75e5	1.25	NO	0.754	1.000	42.74	42.74	0.985	0.985	NO	50.72	101	0.0818	50.72
114	1... PCB-146/165	1.83e6	1.25	NO	1.02	1.000	42.98	42.99	0.991	0.991	NO	102.0	102	0.0807	102.0
115	1... PCB-132/161	1.86e6	1.26	NO	1.02	1.000	43.22	43.21	0.996	0.996	NO	102.8	103	0.0803	102.8
116	1... PCB-153	9.53e5	1.27	NO	1.07	1.000	43.40	43.40	1.000	1.000	NO	50.42	101	0.0576	50.42
117	1... PCB-168	9.86e5	1.25	NO	1.08	1.000	43.63	43.63	1.006	1.006	NO	51.83	104	0.0573	51.83
118	1... PCB-141	7.74e5	1.24	NO	1.03	1.000	44.18	44.18	1.000	1.000	NO	51.84	104	0.0748	51.84
119	1... PCB-137	7.63e5	1.21	NO	1.11	1.000	44.58	44.56	1.010	1.009	NO	47.24	94.5	0.0691	47.24
120	1... PCB-130	6.91e5	1.25	NO	0.885	1.000	44.68	44.67	1.012	1.012	NO	53.63	107	0.0867	53.63
121	1... PCB-138/163/164	3.00e6	1.23	NO	1.28	1.000	45.05	45.07	1.001	1.001	NO	156.5	104	0.0574	156.5
122	1... PCB-158/160	1.91e6	1.24	NO	1.24	1.000	45.30	45.32	1.006	1.007	NO	103.3	103	0.0594	103.3
123	1... PCB-129	6.50e5	1.25	NO	0.867	1.000	45.56	45.56	1.012	1.012	NO	50.17	100	0.0850	50.17
124	1... PCB-166	1.07e6	1.23	NO	1.14	1.000	46.02	46.02	0.993	0.993	NO	51.85	103	0.0533	51.85
125	1... PCB-159	1.16e6	1.24	NO	1.22	1.000	46.38	46.38	1.000	1.000	NO	52.82	106	0.0501	52.82
126	1... PCB-128/162	1.76e6	1.24	NO	0.907	1.000	46.64	46.66	1.007	1.007	NO	107.1	107	0.0671	107.1
127	1... PCB-167	1.04e6	1.22	NO	1.11	1.000	47.08	47.06	1.000	1.000	NO	51.78	104	0.0553	51.78
128	1... PCB-156	1.09e6	1.22	NO	1.13	1.000	48.40	48.40	1.000	1.000	NO	52.52	105	0.0545	52.52
129	1... PCB-157	1.02e6	1.25	NO	1.04	1.000	48.69	48.67	1.001	1.000	NO	52.80	105	0.0578	52.80
130	1... PCB-169	1.03e6	1.23	NO	1.16	1.000	50.94	50.94	1.000	1.000	NO	51.85	103	0.0559	51.85
131	1... PCB-188	9.20e5	1.02	NO	1.29	1.000	43.04	43.02	1.001	1.000	NO	51.26	103	0.0479	51.26
132	1... PCB-184	9.04e5	1.03	NO	1.23	1.000	43.50	43.50	1.011	1.011	NO	52.74	105	0.0502	52.74
133	1... PCB-179	9.34e5	1.04	NO	1.30	1.000	44.29	44.29	1.030	1.030	NO	51.72	103	0.0476	51.72

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#	Name	Resp	RA	ny	RRF	w/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
134	1... PCB-176	9.30e5	1.03	NO	1.31	1.000	44.76	44.77	1.041	1.041	NO	51.08	102.75-125%	0.0472	51.08
135	1... PCB-186	9.76e5	1.02	NO	1.33	1.000	45.41	45.41	1.056	1.056	NO	52.74	105	0.0465	52.74
136	1... PCB-178	6.56e5	1.04	NO	0.943	1.000	45.92	45.92	1.068	1.068	NO	49.95	99.9	0.0655	49.95
137	1... PCB-175	6.91e5	1.04	NO	0.956	1.000	46.26	46.26	1.076	1.076	NO	51.89	104	0.0646	51.89
138	1... PCB-182/187	1.53e6	1.03	NO	1.07	1.000	46.44	46.45	1.080	1.080	NO	103.0	103	0.0579	103.0
139	1... PCB-183	7.48e5	1.05	NO	1.02	1.000	46.78	46.78	1.088	1.088	NO	52.54	105	0.0604	52.54
140	1... PCB-185	6.62e5	1.03	NO	1.41	1.000	47.46	47.46	0.955	0.955	NO	49.16	98.3	0.0668	49.16
141	1... PCB-174	6.05e5	1.03	NO	1.35	1.000	47.84	47.83	0.962	0.962	NO	46.68	93.4	0.0693	46.68
142	1... PCB-181	7.50e5	1.04	NO	1.47	1.000	47.93	47.93	0.964	0.964	NO	53.07	106	0.0637	53.07
143	1... PCB-177	6.20e5	1.04	NO	1.28	1.000	48.12	48.12	0.968	0.968	NO	50.61	101	0.0734	50.61
144	1... PCB-171	6.55e5	1.04	NO	1.32	1.000	48.40	48.40	0.974	0.974	NO	51.95	104	0.0713	51.95
145	1... PCB-173	5.84e5	1.05	NO	1.19	1.000	48.86	48.86	0.983	0.983	NO	51.24	102	0.0789	51.24
146	1... PCB-172	6.68e5	1.00	NO	1.38	1.000	49.31	49.31	0.992	0.992	NO	50.69	101	0.0682	50.69
147	1... PCB-192	8.59e5	1.01	NO	1.83	1.000	49.50	49.50	0.996	0.996	NO	49.07	98.1	0.0514	49.07
148	1... PCB-180	6.93e5	1.04	NO	1.41	1.000	49.73	49.73	1.000	1.000	NO	51.21	102	0.0665	51.21
149	1... PCB-193	8.08e5	1.02	NO	1.68	1.000	49.94	49.94	1.005	1.005	NO	50.30	101	0.0560	50.30
150	1... PCB-191	8.09e5	1.05	NO	1.71	1.000	50.20	50.20	1.010	1.010	NO	49.35	98.7	0.0549	49.35
151	1... PCB-170	5.83e5	1.04	NO	1.40	1.000	51.40	51.40	1.000	1.000	NO	50.68	101	0.0762	50.68
152	1... PCB-190	7.79e5	1.05	NO	1.85	1.000	51.58	51.59	1.004	1.004	NO	51.25	102	0.0577	51.25
153	1... PCB-189	7.90e5	1.04	NO	1.45	1.000	53.10	53.10	1.000	1.000	NO	51.37	103	0.0511	51.37
154	1... PCB-202	6.64e5	0.93	NO	1.17	1.000	48.63	48.63	1.001	1.001	NO	50.35	101	0.0291	50.35
155	1... PCB-201	5.95e5	0.90	NO	1.05	1.000	49.10	49.12	1.010	1.011	NO	50.13	100	0.0323	50.13
156	1... PCB-204	6.30e5	0.91	NO	1.14	1.000	49.26	49.28	1.014	1.014	NO	48.96	97.9	0.0298	48.96
157	1... PCB-197	6.43e5	0.90	NO	1.13	1.000	49.58	49.60	1.020	1.021	NO	50.35	101	0.0300	50.35
158	1... PCB-200	5.93e5	0.93	NO	1.07	1.000	50.51	50.53	1.039	1.040	NO	49.11	98.2	0.0318	49.11
159	1... PCB-198	4.54e5	0.88	NO	0.794	1.000	52.08	52.08	1.072	1.072	NO	50.72	101	0.0428	50.72
160	1... PCB-199	4.31e5	0.90	NO	0.809	1.000	52.19	52.21	1.074	1.074	NO	47.17	94.3	0.0420	47.17
161	1... PCB-196/203	9.37e5	0.91	NO	0.838	1.000	52.52	52.51	1.081	1.081	NO	99.10	99.1	0.0406	99.10
162	1... PCB-195	5.80e5	0.87	NO	1.04	1.000	53.81	53.81	0.984	0.983	NO	51.33	103	0.0697	51.33
163	1... PCB-194	6.28e5	0.89	NO	1.12	1.000	54.73	54.73	1.000	1.000	NO	51.98	104	0.0653	51.98
164	1... PCB-205	7.62e5	0.89	NO	1.29	1.000	54.99	54.99	1.005	1.005	NO	54.60	109	0.0565	54.60
165	1... PCB-208	6.63e5	1.33	NO	0.933	1.000	53.97	53.97	1.000	1.000	NO	52.55	105	0.0536	52.55
166	1... PCB-207	6.35e5	1.36	NO	0.916	1.000	54.29	54.29	1.006	1.006	NO	51.25	102	0.0546	51.25
167	1... PCB-206	4.12e5	1.33	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	50.52	101	0.0814	50.52

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-1.qld

Last Altered: Friday, June 05, 2020 12:51:56 Pacific Daylight Time

Printed: Friday, June 05, 2020 12:59:07 Pacific Daylight Time

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	ny	RRF	w/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
166	1... PCB-209	3.42e5	1.20	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18	104.75-125/0.00432		52.18
169	1... 13C-PCB-1	3.47e6	3.24	NO	0.893	1.000	15.52	15.53	0.608	0.608	NO	97.70	97.75-145/0.0318		
170	1... 13C-PCB-3	3.49e6	3.23	NO	0.911	1.000	18.17	18.18	0.712	0.712	NO	96.48	96.5	0.0312	
171	1... 13C-PCB-4	2.39e6	1.58	NO	0.600	1.000	19.52	19.53	0.765	0.765	NO	100.3	100	0.0245	
172	1... 13C-PCB-9	3.88e6	1.58	NO	0.970	1.000	21.36	21.36	0.836	0.836	NO	100.6	101	0.0152	
173	1... 13C-PCB-11	3.78e6	1.58	NO	0.962	1.000	24.80	24.80	0.971	0.971	NO	99.10	99.1	0.0153	
174	1... 13C-PCB-19	1.78e6	1.03	NO	0.499	1.000	23.77	23.77	0.931	0.931	NO	90.02	90.0	0.251	
175	1... 13C-PCB-32	2.64e6	1.04	NO	0.744	1.000	26.76	26.76	1.048	1.048	NO	89.33	89.3	0.168	
176	1... 13C-PCB-28	3.56e6	1.04	NO	1.06	1.000	28.79	28.77	1.004	1.003	NO	107.9	108	0.213	
177	1... 13C-PCB-37	3.16e6	1.05	NO	0.989	1.000	32.77	32.77	1.143	1.143	NO	103.2	103	0.229	
178	1... 13C-PCB-54	2.38e6	0.77	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	100.9	101	0.0485	
179	1... 13C-PCB-52	1.89e6	0.77	NO	0.804	1.000	31.27	31.26	0.852	0.852	NO	99.54	99.5	0.0603	
180	1... 13C-PCB-47	2.01e6	0.79	NO	0.857	1.000	31.79	31.78	0.866	0.866	NO	99.46	99.5	0.0565	
181	1... 13C-PCB-70	2.35e6	0.78	NO	0.996	1.000	35.43	35.41	0.965	0.965	NO	100.1	100	0.0487	
182	1... 13C-PCB-80	2.44e6	0.79	NO	1.03	1.000	35.85	35.86	0.977	0.977	NO	100.4	100	0.0471	
183	1... 13C-PCB-81	2.33e6	0.79	NO	0.988	1.000	39.07	39.06	1.064	1.064	NO	99.83	99.8	0.0490	
184	1... 13C-PCB-77	2.29e6	0.79	NO	0.969	1.000	39.68	39.67	1.081	1.081	NO	99.92	99.9	0.0500	
185	1... 13C-PCB-104	1.62e6	1.62	NO	1.02	1.000	32.47	32.46	0.827	0.827	NO	102.8	103	0.0320	
186	1... 13C-PCB-95	1.27e6	1.62	NO	0.805	1.000	35.72	35.73	0.910	0.910	NO	101.3	101	0.0404	
187	1... 13C-PCB-101	1.23e6	1.61	NO	0.793	1.000	37.48	37.48	0.954	0.954	NO	99.92	99.9	0.0411	
188	1... 13C-PCB-97	1.08e6	1.61	NO	0.696	1.000	38.82	38.82	0.989	0.989	NO	99.94	99.9	0.0487	
189	1... 13C-PCB-123	1.47e6	1.59	NO	0.933	1.000	41.46	41.46	1.056	1.056	NO	101.6	102	0.0349	
190	1... 13C-PCB-118	1.56e6	1.59	NO	0.986	1.000	41.65	41.65	1.061	1.061	NO	102.4	102	0.0330	
191	1... 13C-PCB-114	2.04e6	1.58	NO	1.55	1.000	42.32	42.32	0.908	0.908	NO	103.1	103	0.0477	
192	1... 13C-PCB-105	2.08e6	1.58	NO	1.57	1.000	43.21	43.21	0.927	0.927	NO	103.9	104	0.0469	
193	1... 13C-PCB-127	2.17e6	1.58	NO	1.62	1.000	43.56	43.57	0.934	0.935	NO	104.8	105	0.0454	
194	1... 13C-PCB-126	1.99e6	1.58	NO	1.57	1.000	45.53	45.52	0.976	0.976	NO	99.68	99.7	0.0471	
195	1... 13C-PCB-155	1.04e6	1.27	NO	0.615	1.000	37.00	36.99	0.942	0.942	NO	109.1	109	0.0230	
196	1... 13C-PCB-153	1.77e6	1.26	NO	1.36	1.000	43.37	43.38	0.930	0.931	NO	101.3	101	0.0811	
197	1... 13C-PCB-141	1.46e6	1.27	NO	1.13	1.000	44.14	44.16	0.947	0.947	NO	101.1	101	0.0862	
198	1... 13C-PCB-138	1.49e6	1.25	NO	1.18	1.000	45.01	45.01	0.985	0.985	NO	98.87	98.9	0.0835	
199	1... 13C-PCB-159	1.81e6	1.28	NO	1.44	1.000	46.33	46.34	0.994	0.994	NO	98.67	98.7	0.0769	
200	2... 13C-PCB-167	1.81e6	1.26	NO	1.44	1.000	47.04	47.04	1.009	1.009	NO	98.25	98.3	0.0769	
201	2... 13C-PCB-156	1.85e6	1.27	NO	1.40	1.000	48.39	48.38	1.038	1.038	NO	103.8	104	0.0793	

Dataset: U:\VG11.PRO\Results\200604K1\200604K1-1.qld

Last Altered: Friday, June 05, 2020 12:51:56 Pacific Daylight Time

Printed: Friday, June 05, 2020 12:59:07 Pacific Daylight Time

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	ny	RRF	wVol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
202	2... 13C-PCB-157	1.87e6	1.28	NO	1.40	1.000	48.65	48.65	1.043	1.043	NO	105.0	105.0-145%	0.0793	
203	2... 13C-PCB-169	1.73e6	1.27	NO	1.33	1.000	50.93	50.92	1.092	1.092	NO	101.8	102	0.0832	
204	2... 13C-PCB-188	1.39e6	0.46	NO	1.41	1.000	43.01	43.01	0.926	0.926	NO	97.46	97.5	0.0658	
205	2... 13C-PCB-180	9.58e5	0.46	NO	0.929	1.000	49.71	49.71	1.070	1.070	NO	101.8	102	0.0999	
206	2... 13C-PCB-170	8.22e5	0.46	NO	0.794	1.000	51.39	51.38	1.106	1.106	NO	102.1	102	0.117	
207	2... 13C-PCB-189	1.06e6	0.46	NO	1.04	1.000	53.09	53.08	1.143	1.143	NO	100.0	100	0.0888	
208	2... 13C-PCB-202	1.13e6	0.94	NO	1.04	1.000	48.61	48.59	1.046	1.046	NO	107.5	108	0.0541	
209	2... 13C-PCB-194	1.08e6	0.88	NO	0.768	1.000	54.72	54.72	0.995	0.995	NO	97.47	97.5	0.146	
210	2... 13C-PCB-208	1.35e6	0.78	NO	0.991	1.000	53.95	53.95	0.981	0.981	NO	94.36	94.4	0.115	
211	2... 13C-PCB-208	8.10e5	0.78	NO	0.552	1.000	56.24	56.24	1.023	1.023	NO	101.4	101	0.206	
212	2... 13C-PCB-209	6.65e5	1.19	NO	0.396	1.000	57.49	57.48	1.046	1.045	NO	116.1	116	0.0164	
213	2... 13C-PCB-15	3.97e6	1.57	NO	1.00	1.000	25.53	25.54	1.000	0.000	NO	100.0	100	0.0147	
214	2... 13C-PCB-31	3.10e6	1.03	NO	1.00	1.000	28.66	28.68	1.000	0.000	NO	100.0	100	0.226	
215	2... 13C-PCB-60	2.36e6	0.79	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0485	
216	2... 13C-PCB-111	1.55e6	1.55	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0325	
217	2... 13C-PCB-128	1.28e6	1.29	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.111	
218	2... 13C-PCB-182	1.01e6	0.46	NO	1.00	1.000	46.43	46.45	0.000	0.000	NO	100.0	100	0.0928	
219	2... 13C-PCB-205	1.45e6	0.91	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.112	
220	2... 13C-PCB-79	2.53e6	0.80	NO	1.07	1.000	37.80	37.80	1.030	1.030	NO	100.3	100-125%	0.0453	
221	2... 13C-PCB-178	9.53e5	0.45	NO	0.766	1.000	45.91	45.88	0.988	0.988	NO	97.40	97.4	0.0925	
222	2... 13C-PCB-79	2.53e6	0.80	NO	1.08	1.000	37.80	37.80	0.988	0.988	NO	100.4	100	0.0454	
223	2... 13C-PCB-178	9.53e5	0.45	NO	1.05	1.000	45.89	45.88	0.923	0.923	NO	94.64	94.6	0.0931	

Dataset: Untitled

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Printed: Friday, June 05, 2020 13:10:09 Pacific Daylight Time

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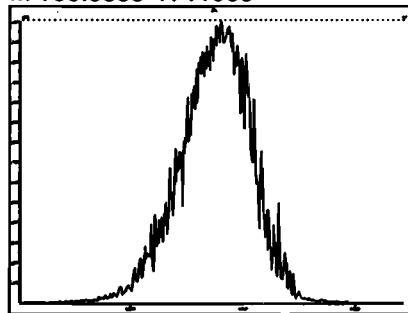
Compound name: PCB-1

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2	200604K1_2	SOLVENT BLANK	04-Jun-20	09:21:01
3	200604K1_3	B0D0324-DUP1 Duplicate 7.34	04-Jun-20	10:20:18
4	200604K1_4	2000954-01 PDI-159SC-A-00-01-200423 7.35	04-Jun-20	11:20:47
5	200604K1_5	2000956-01 PDI-160SC-A-00-01-200423 6.03	04-Jun-20	12:22:36
6	200604K1_6	2000958-02 PDI-161SC-A-00-01-200424 7	04-Jun-20	13:23:18
7	200604K1_7	2000959-01 PDI-162SC-A-00-01-200424 7.34	04-Jun-20	14:23:55
8	200604K1_8	2000960-01 PDI-158SC-A-00-01-200423 6.33	04-Jun-20	15:24:32
9	200604K1_9	2000958-01 PDI-157SC-A-00-01-200424 6.45	04-Jun-20	16:25:19
10	200604K1_10	2000958-01@20X PDI-157SC-A-00-01-20042...	04-Jun-20	17:25:55
11	200604K1_11	2000961-01 PDI-165SC-A-00-01-200426 6.99	04-Jun-20	18:26:27

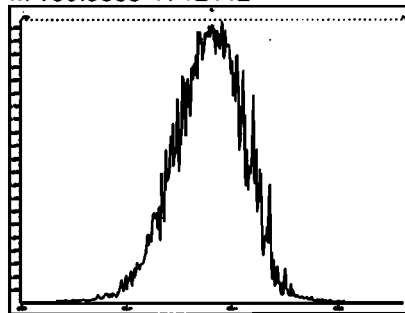
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Printed: Thursday, June 04, 2020 08:09:17 Pacific Daylight Time

M 168.9888 R 11958



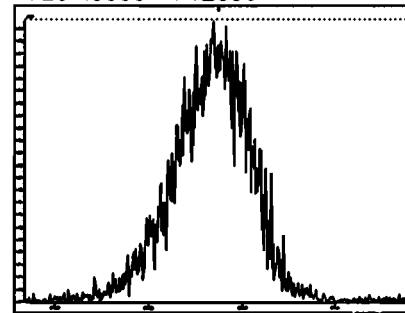
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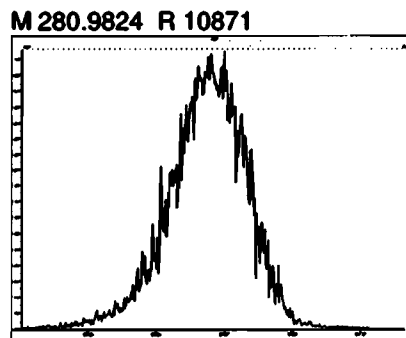
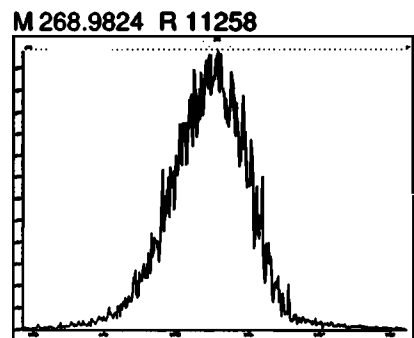
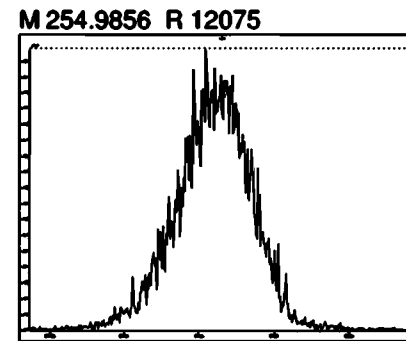
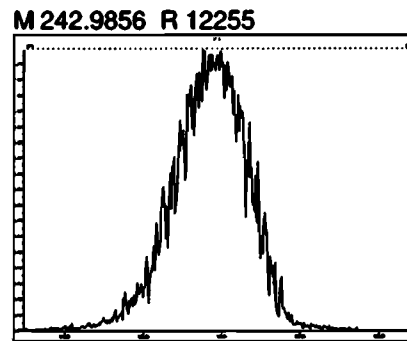
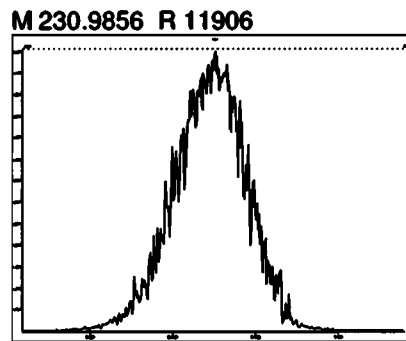
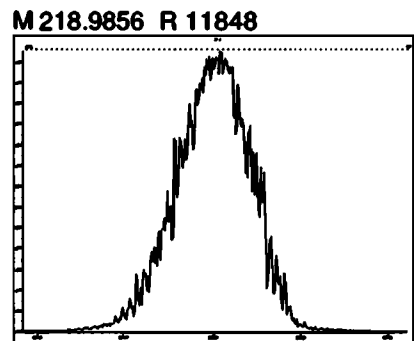
M 204.9888 R 12693





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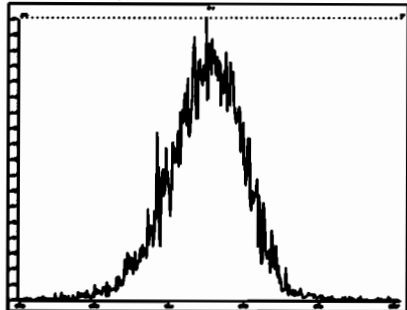
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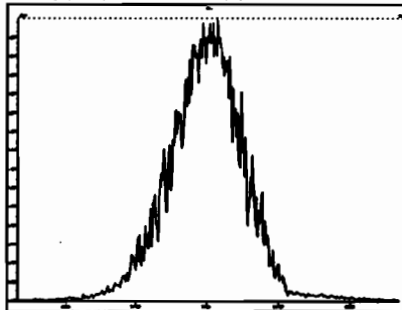
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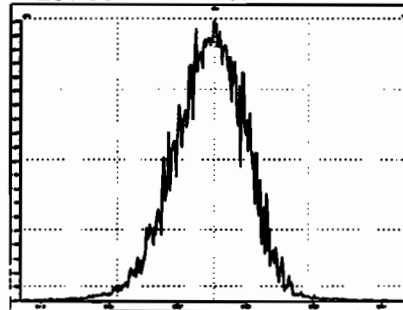
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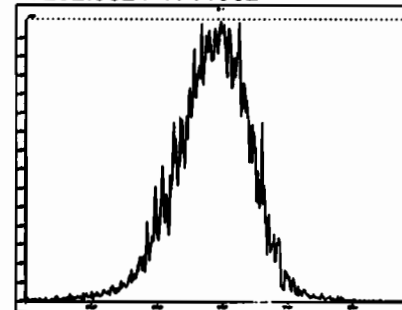
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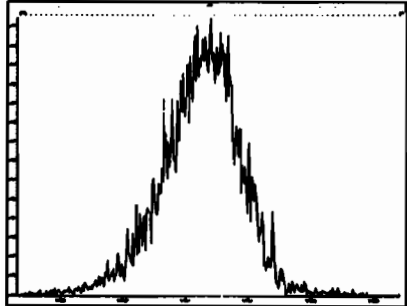
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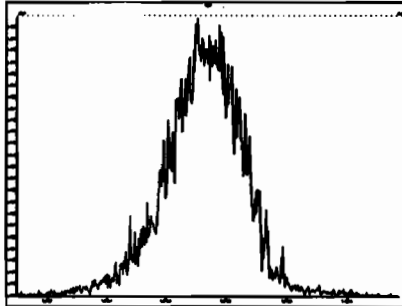
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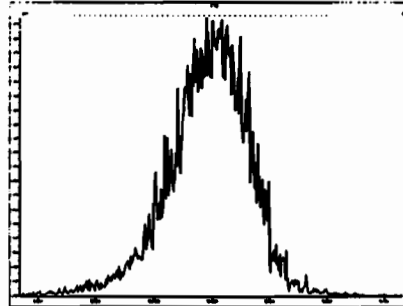
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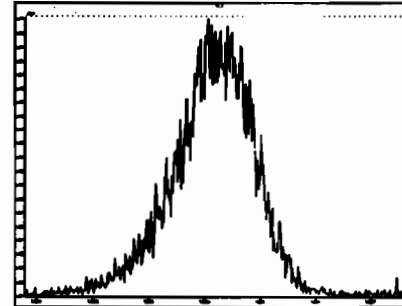
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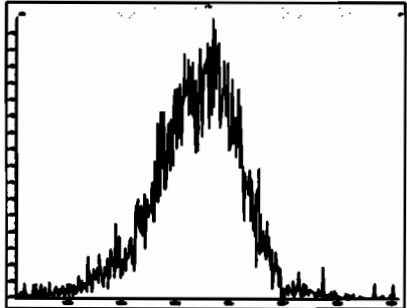
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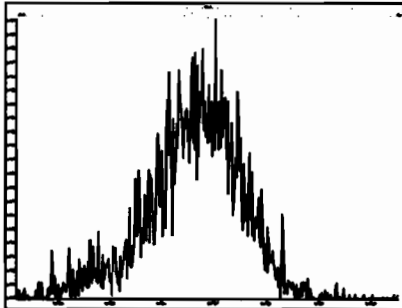
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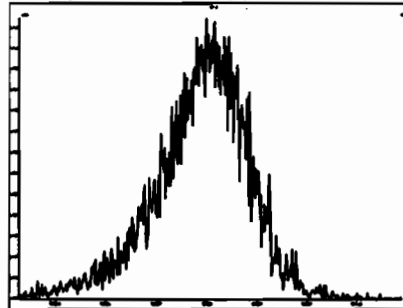
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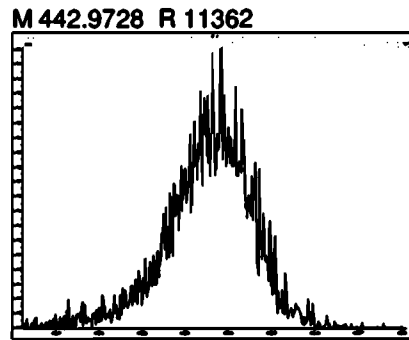
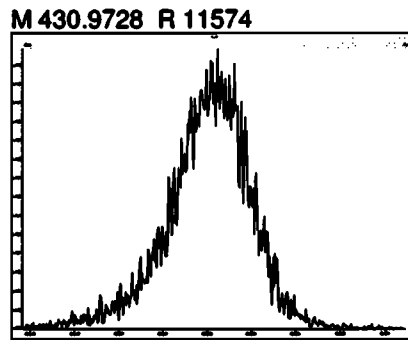
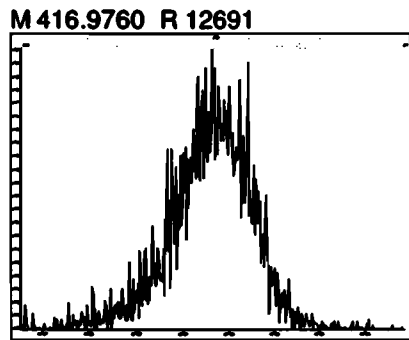
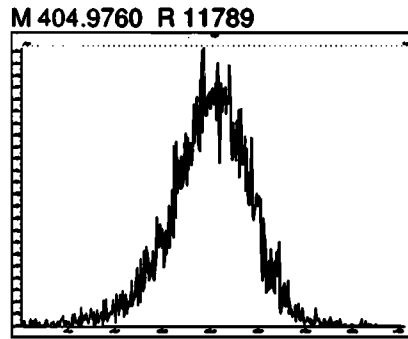
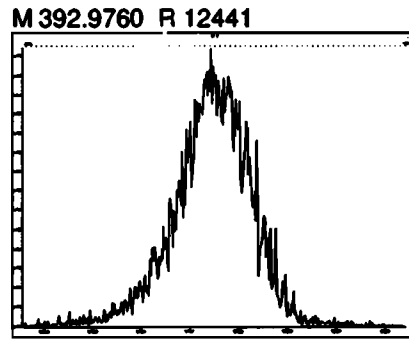
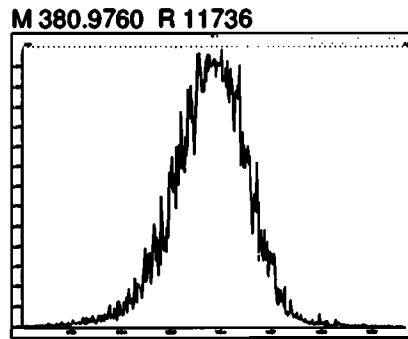
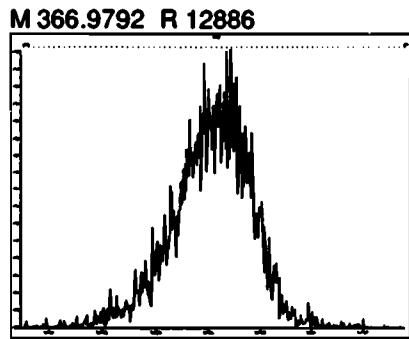
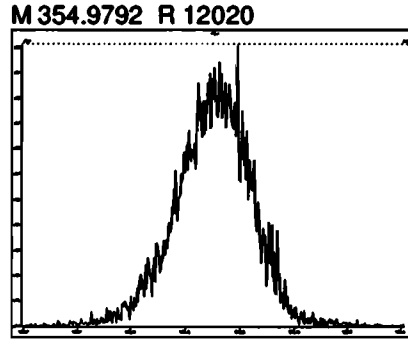
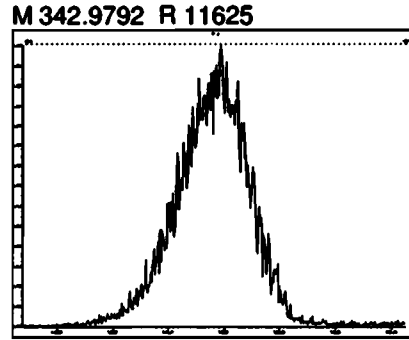
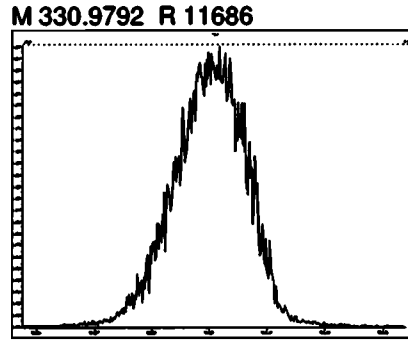
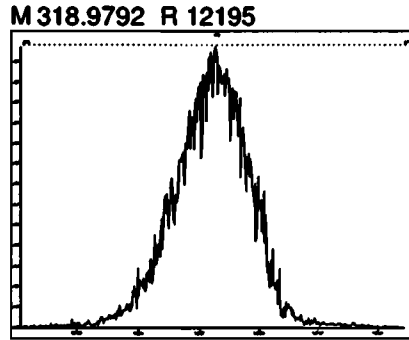


M 380.9760 R 10685



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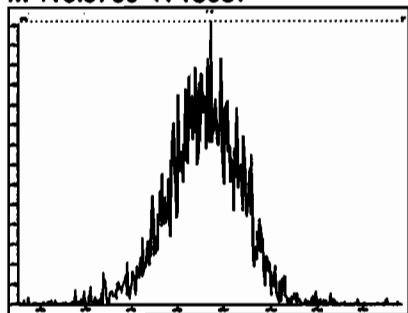
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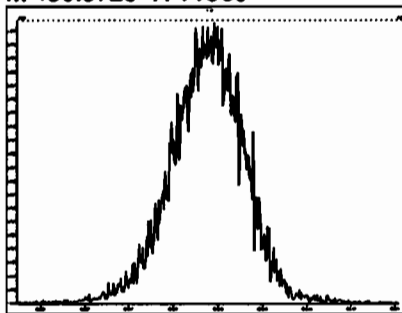
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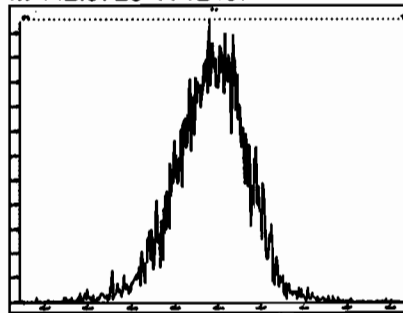
M 416.9760 R 13087



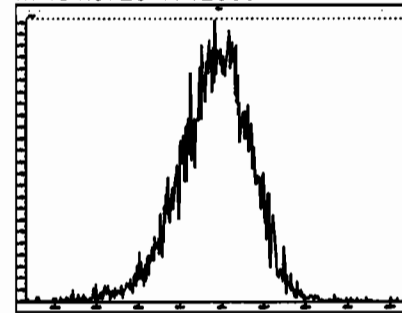
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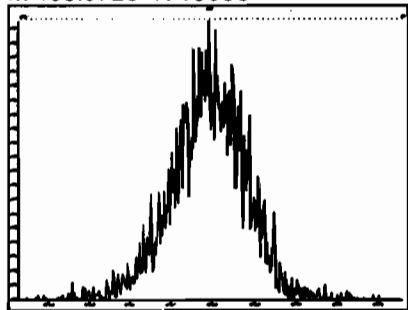
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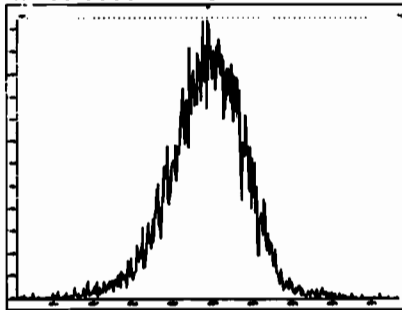
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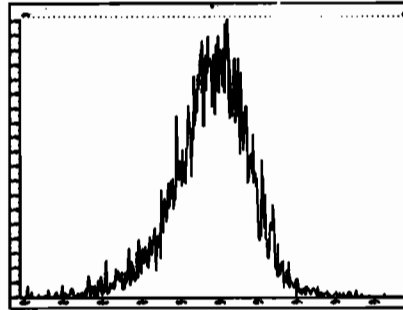
M 466.9728 R 13088



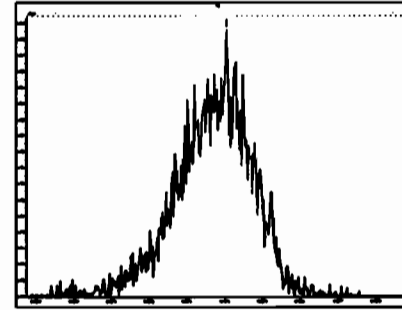
M 480.9696 R 12314



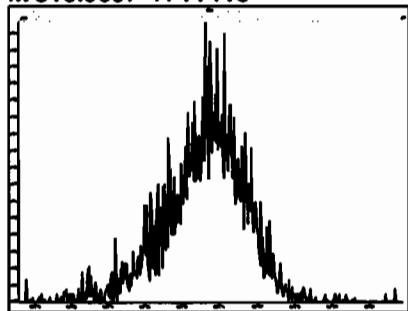
M 492.9696 R 12021



M 504.9696 R 11906



M 516.9697 R 11419



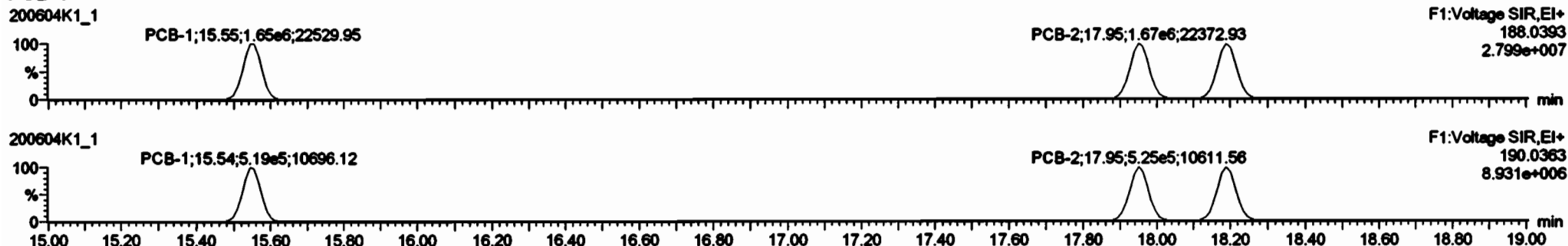
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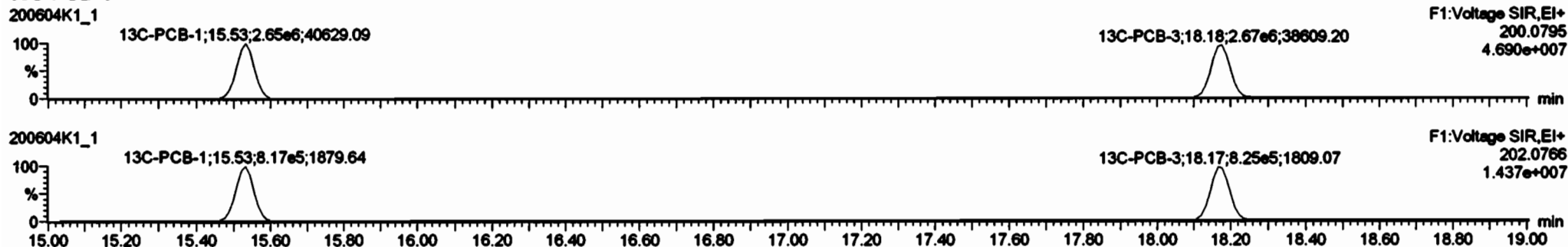
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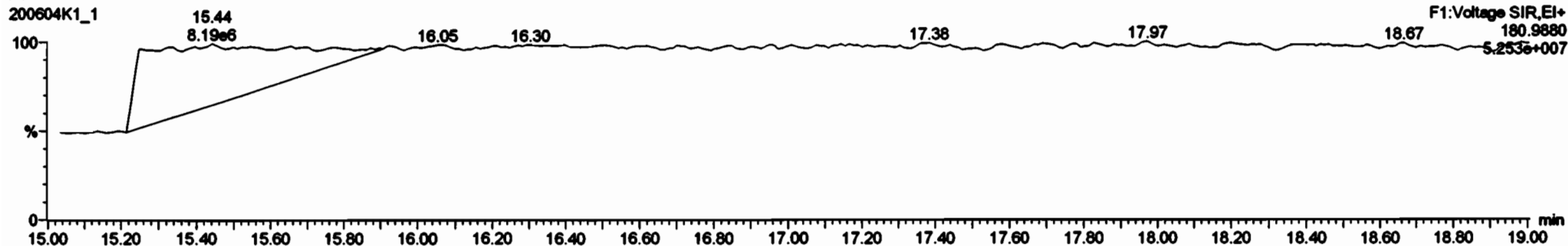
PCB-1



13C-PCB-1



PFK1



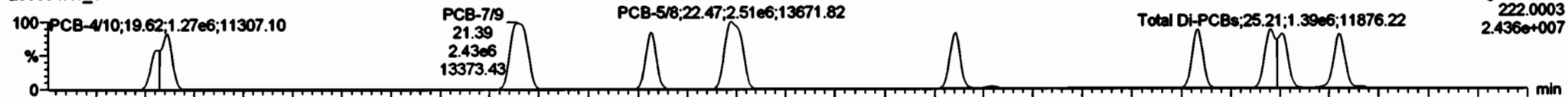
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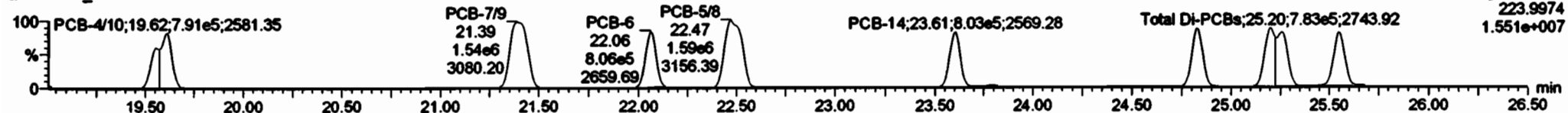
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PCB-4/10

200604K1\_1

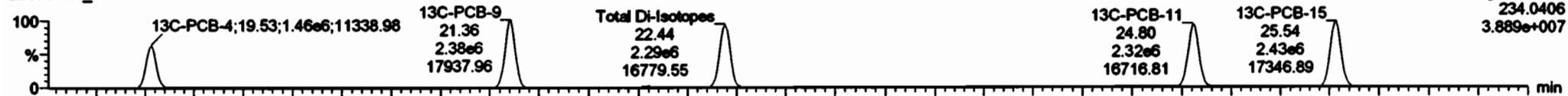


200604K1\_1

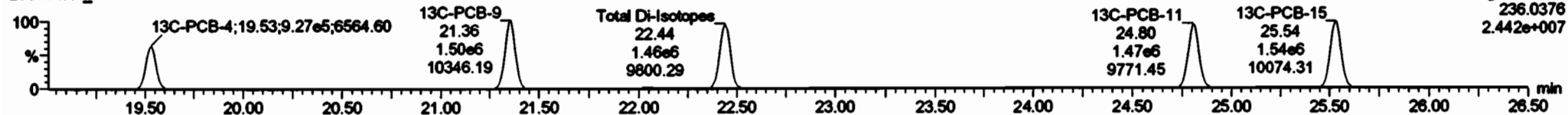


13C-PCB-4

200604K1\_1

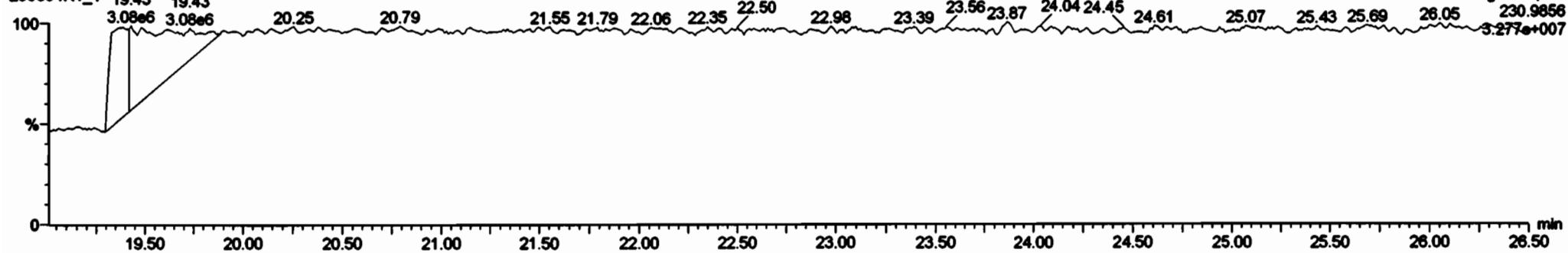


200604K1\_1



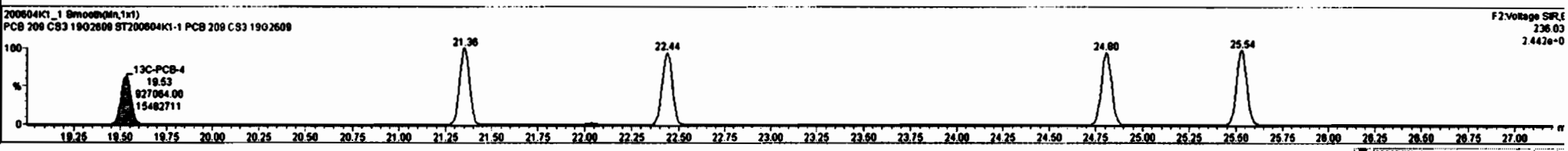
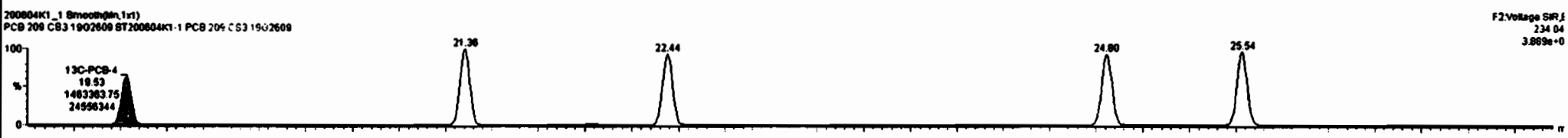
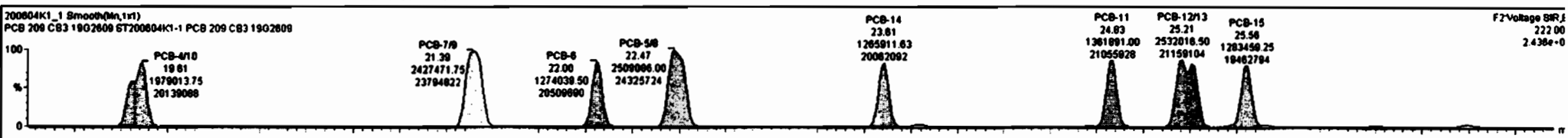
PFK2a

200604K1\_1



Name	Resp	RA	Adv	SP7	VolVol	RT	SP7	Comp	SPRes	DL
204 Total Mono-PCBs				1.100	1.00			101		0.0100
205 2nd Function Tr-P...				1.001	1.00			420		0.0001
207 2nd Function Tr-P...				0.003	1.00			040		0.200

Name	RT	Std Height	Std Width	Std Resp	Std Resp	RA	Adv	Resp	Comp	SPPC	DL
1 PCB-4/10	19.81	2.014e7	1.200e7	1.870e6	1.200e6	1.90	NO	3.240e6	100	100	0.0207
2 PCB-15	25.90	1.840e7	1.252e7	1.203e6	8.200e5	1.50	NO	2.110e6	53.9	53.9	0.0210
3 PCB-12/13	25.21	2.110e7	1.340e7	2.532e6	1.624e6	1.90	NO	4.190e6	107	107	0.0220
4 PCB-11	24.80	2.100e7	1.343e7	1.302e6	8.691e5	1.57	NO	2.220e6	52.3	52.3	0.0201
5 PCB-14	23.81	2.000e7	1.200e7	1.200e6	8.034e5	1.90	NO	2.000e6	53.7	53.7	0.0222
6 PCB-5/8	22.47	2.433e7	1.540e7	2.500e6	1.903e6	1.90	NO	4.102e6	107	107	0.0212
7 PCB-6	22.00	2.001e7	1.302e7	1.274e6	8.082e5	1.90	NO	2.000e6	52.4	52.4	0.0208

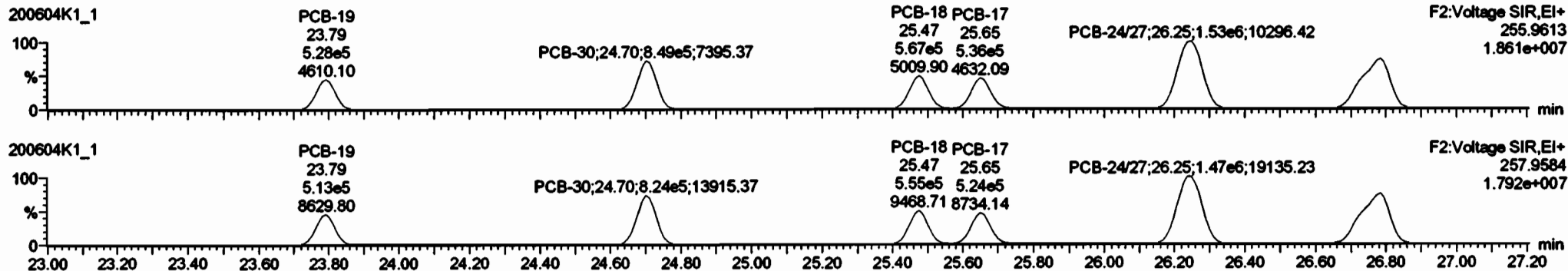


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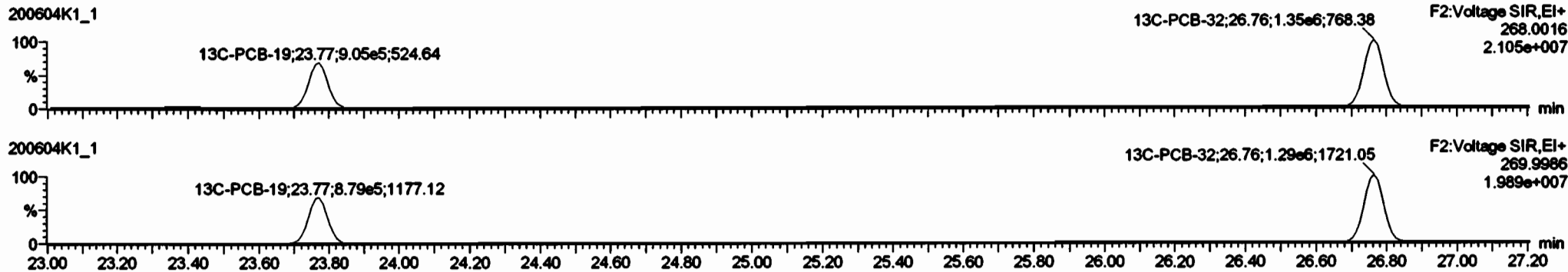
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Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

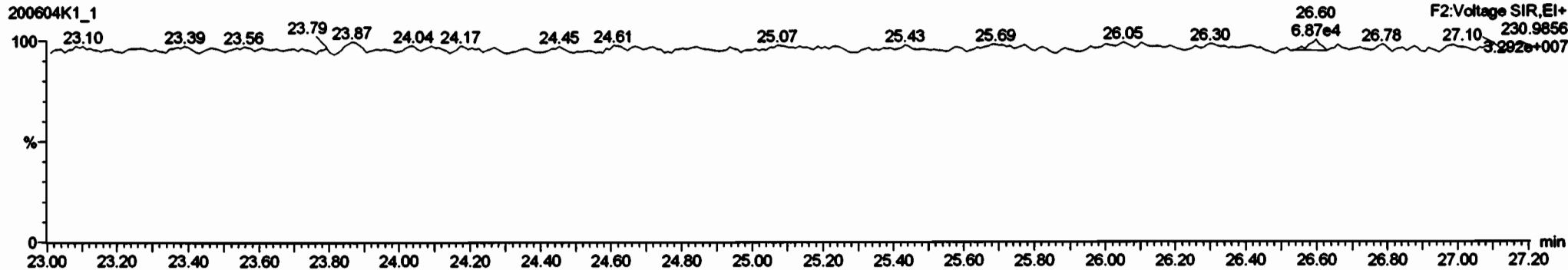
**PCB-19**



**13C-PCB-19**



**PFK2b**



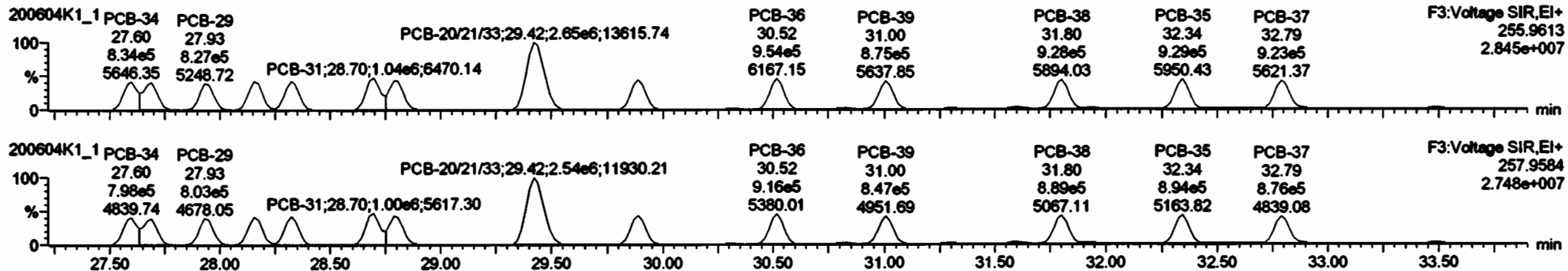


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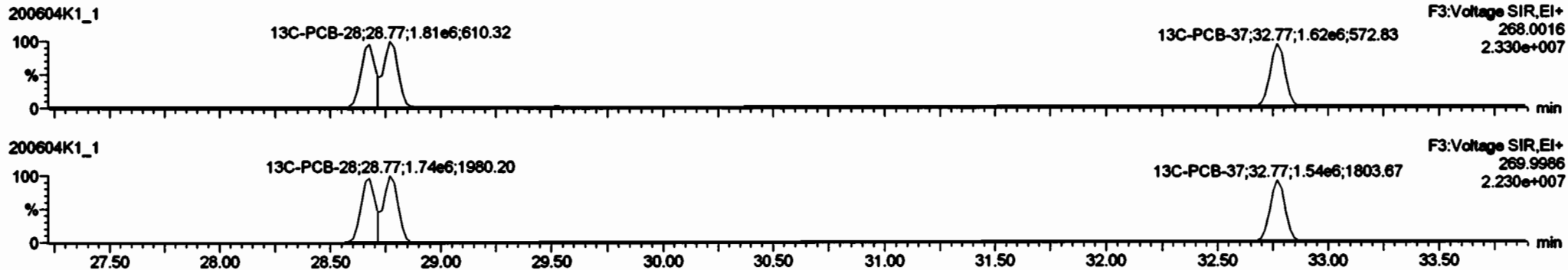
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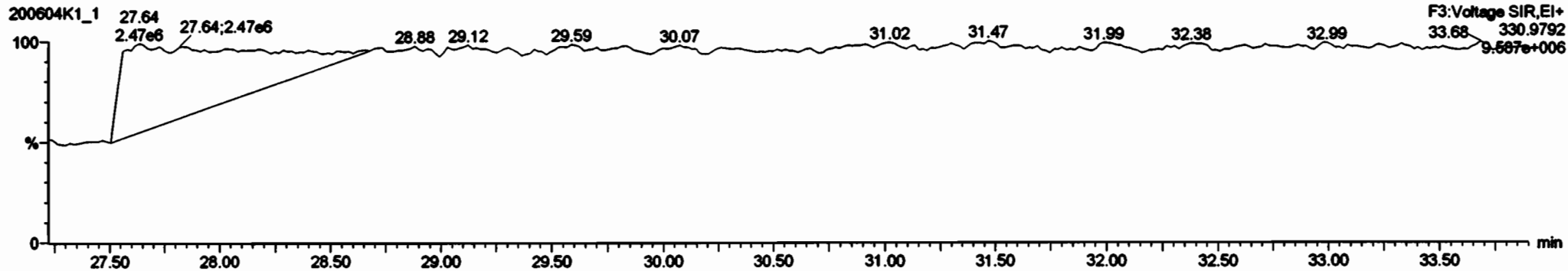
**PCB-34**



**13C-PCB-28**

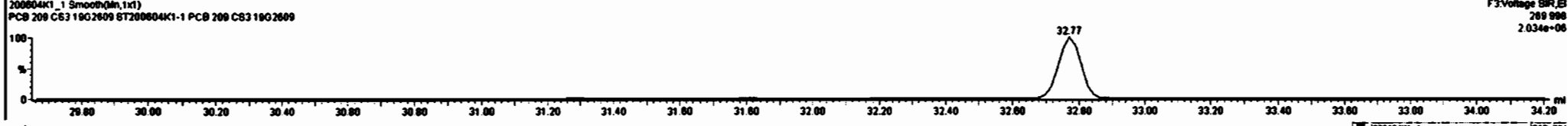
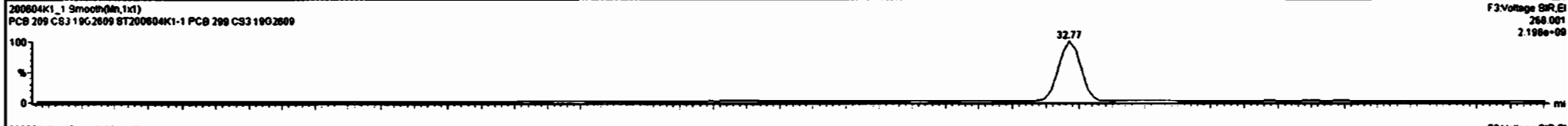
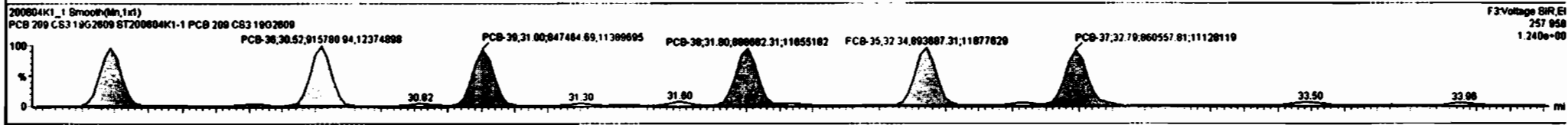
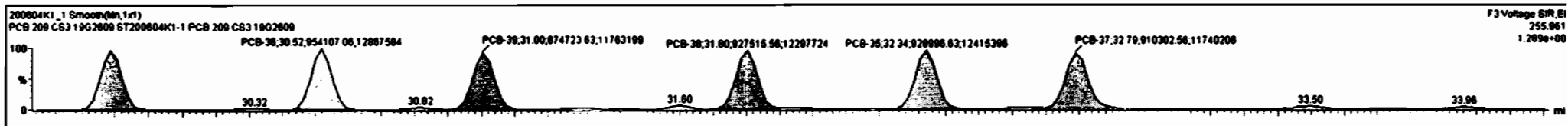


**PFK3d**



Item	Resp	RA	only	RRP	val/val	RT	RRT	Comp.	SPec	DL
226	Total Mono-PCBs			1.168	1.00			161		0.0160
227	Total Di-PCBs			1.054	1.00			641		0.1177
228	2nd Function Tri-P			1.081	1.00			420		0.0601

Item	RT	val (ppb)	val (ppb)	val (ppb)	RA	only	RRP	Comp.	SPec	DL		
1	PCB-29	27.83	1.086e7	1.076e7	0.295e5	0.030e5	1.03	NO	1.630e6	91.3	91.3	0.0218
2	PCB-23	27.86	1.131e7	1.081e7	0.819e5	0.288e5	1.06	NO	1.711e6	64.4	64.4	0.0221
3	PCB-34	27.80	1.178e7	1.113e7	0.338e5	7.875e5	1.05	NO	1.531e6	48.5	48.5	0.0208
4	PCB-30	31.80	1.230e7	1.198e7	0.275e5	0.667e5	1.04	NO	1.818e6	54.8	54.8	0.0198
5	PCB-36	31.00	1.179e7	1.138e7	0.747e5	0.475e5	1.03	NO	1.722e6	66.1	66.1	0.0211
6	PCB-35	30.52	1.287e7	1.237e7	0.541e5	0.158e5	1.04	NO	1.670e6	54.9	54.9	0.0194
7	PCB-22	28.80	1.243e7	1.198e7	0.338e5	0.940e5	1.04	NO	1.628e6	52.8	52.8	0.0201
8	PCB-20(21.03)	28.42	2.841e7	2.744e7	2.848e5	2.538e5	1.04	NO	5.188e6	186	186	0.0207
9	PCB-28	28.78	1.223e7	1.175e7	0.282e5	0.768e5	1.06	NO	1.805e6	48.5	48.5	0.0198
10	PCB-31	28.70	1.388e7	1.282e7	1.037e5	1.002e5	1.03	NO	2.038e6	66.3	66.3	0.0198
11	PCB-25	28.32	1.200e7	1.153e7	0.847e5	0.455e5	1.05	NO	1.730e6	61.2	61.2	0.0205

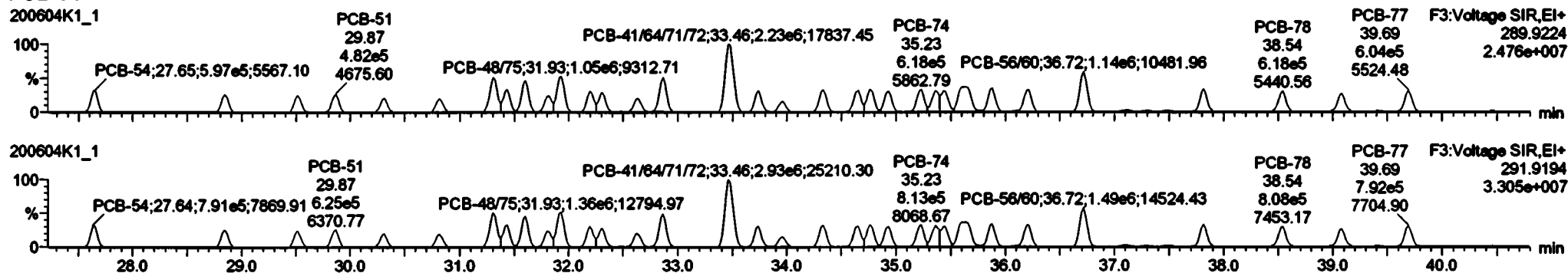


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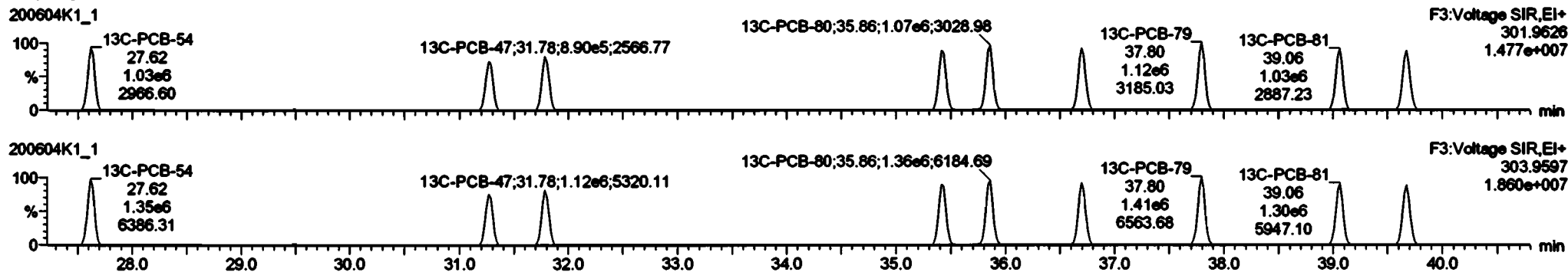
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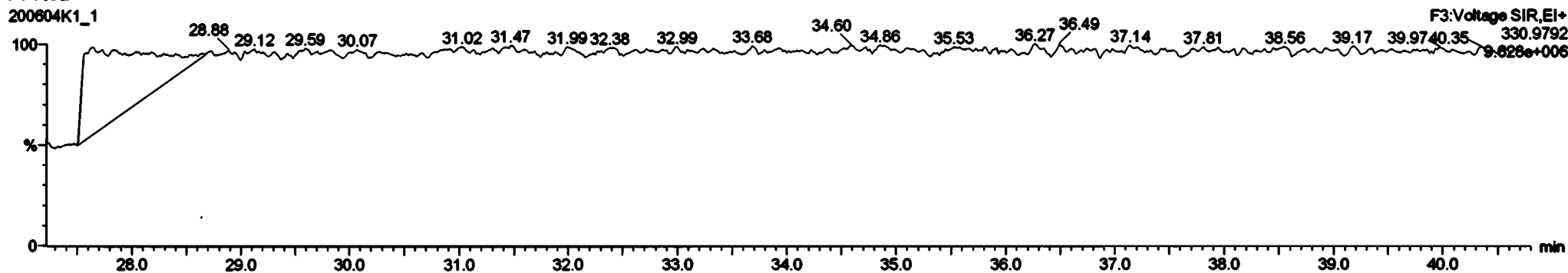
**PCB-54**



**13C-PCB-54**



**PFK3a**



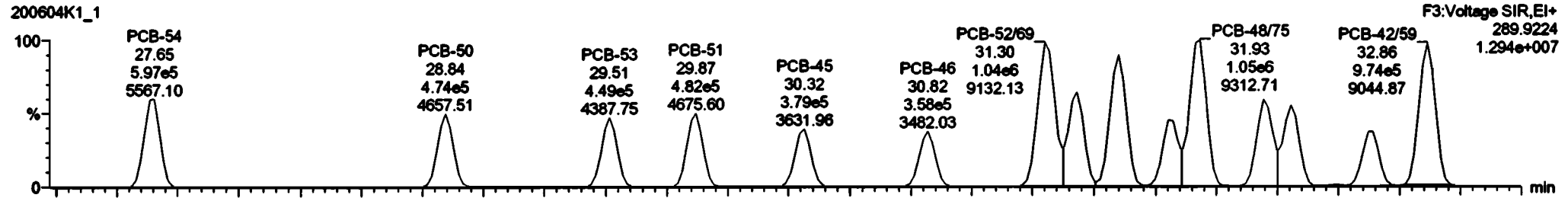
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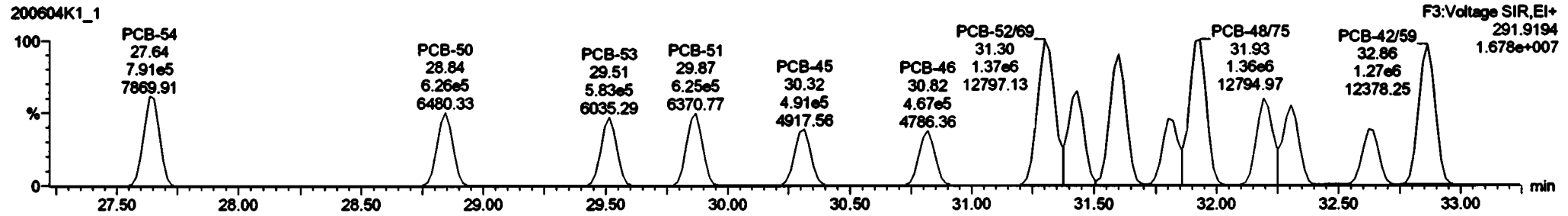
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PCB-50

200604K1\_1

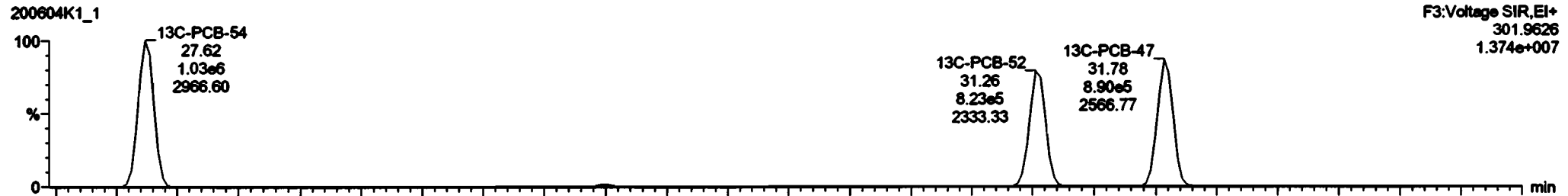


200604K1\_1

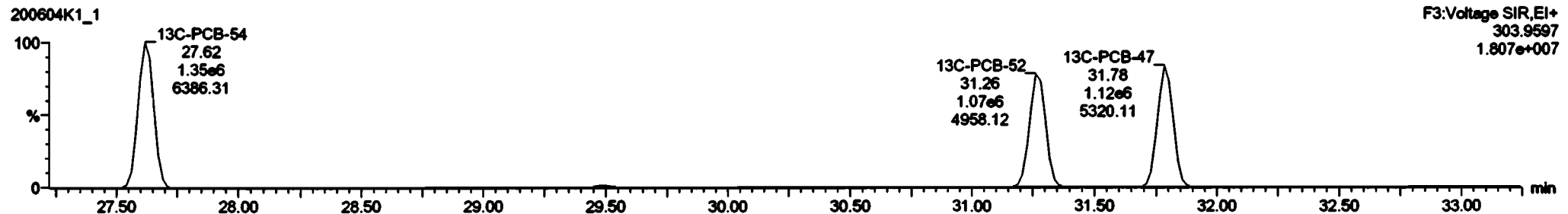


13C-PCB-52

200604K1\_1



200604K1\_1



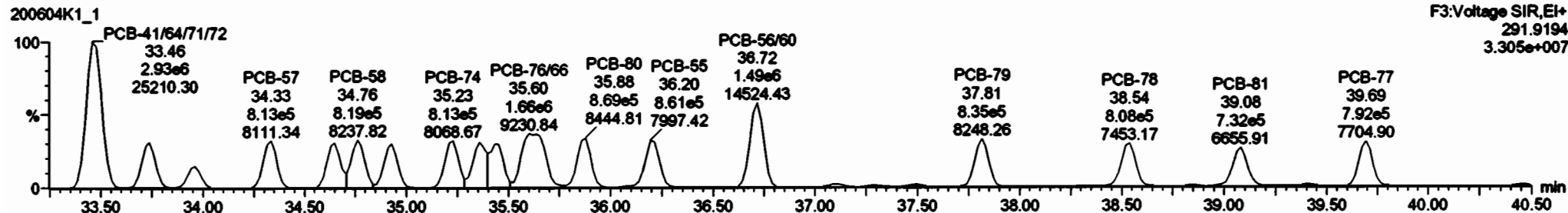
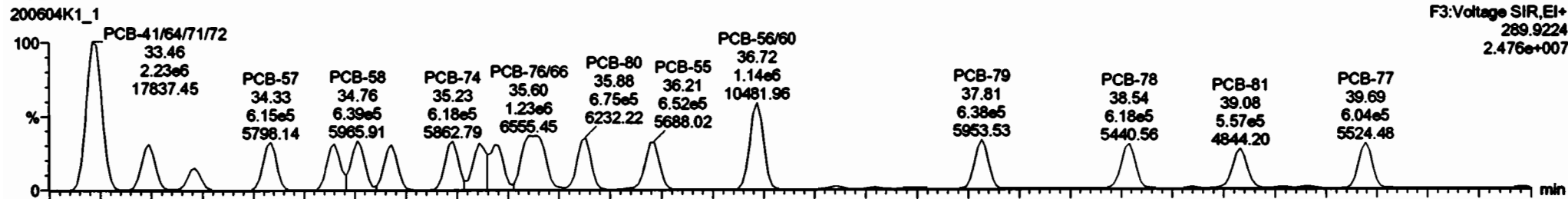
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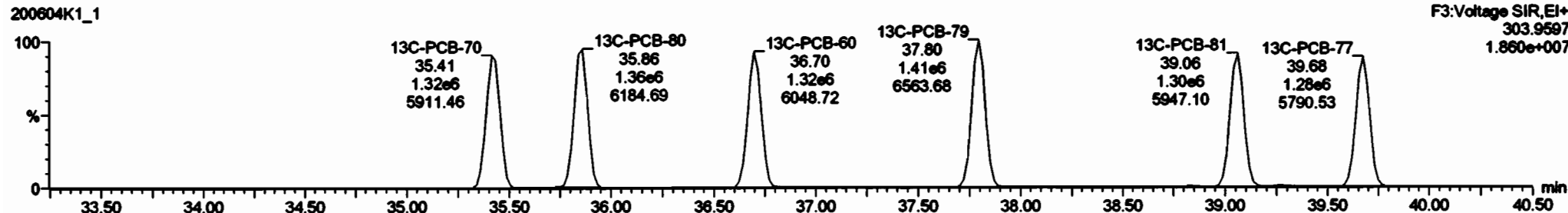
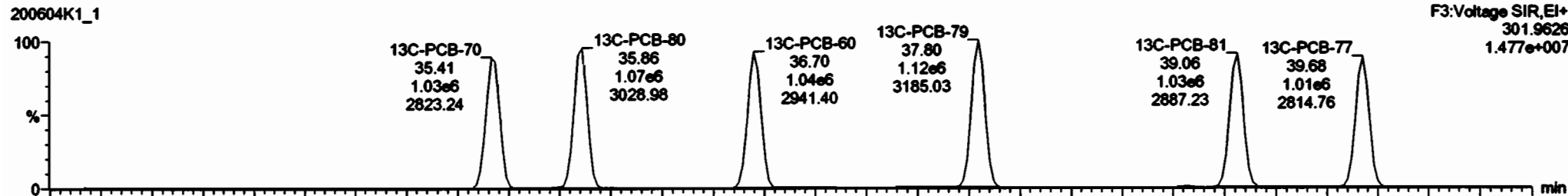
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PCB-88

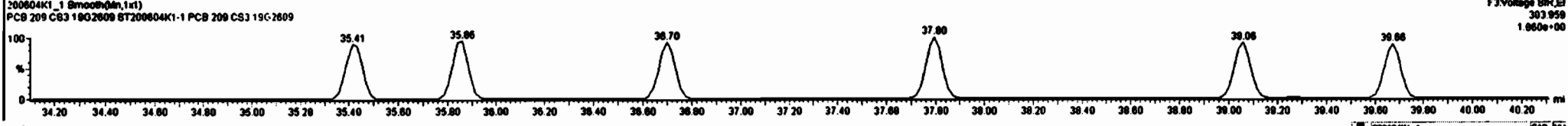
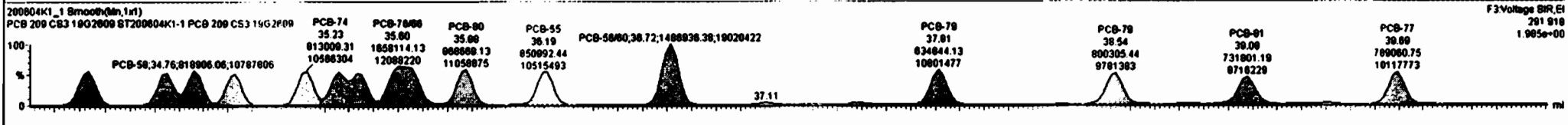
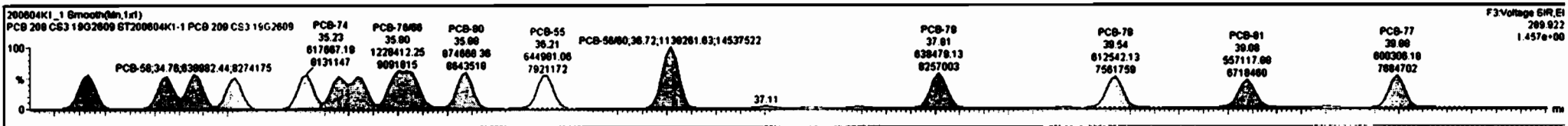


13C-PCB-60



Route	Resp	SR	Qty	RPV	UnitVal	RT	FRV	Comp	SRPct	DL
3rd Function Para...			1.318	1.00				2080		0.489
4th Function Para...			1.073	1.00				270		0.154
3rd Function Para...			0.991	1.00				688		0.198

Route	RT	UnitVal	SR	Qty	RPV	UnitVal	SR	Qty	RPV	Comp	SRPct	DL
PCB-73	31.43	6.274e8	1.078e7	6.128e5	7.973e5	0.77	NO	1.410e8	91.7	91.7	0.0191	
PCB-62/80	31.30	1.287e7	1.878e7	1.040e8	1.374e8	0.76	NO	2.414e8	108	108	0.0188	
PCB-46	30.82	4.828e8	6.288e8	3.578e5	4.885e5	0.77	NO	6.241e5	52.5	52.5	0.0282	
PCB-45	30.32	5.037e8	6.440e8	3.791e5	4.911e5	0.77	NO	6.702e5	53.8	53.8	0.0253	
PCB-51	29.87	6.488e8	8.343e8	4.822e5	6.253e5	0.77	NO	1.107e8	66.0	66.0	0.0204	
PCB-53	29.51	6.885e8	7.903e8	4.487e5	5.831e5	0.77	NO	1.032e8	54.8	54.8	0.0218	
PCB-60	29.84	6.480e8	6.480e8	4.737e5	6.258e5	0.76	NO	1.100e8	52.5	52.5	0.0194	
PCB-64	27.86	7.721e8	1.031e7	5.973e5	7.913e5	0.75	NO	1.388e8	64.0	64.0	0.0188	
PCB-74	35.23	6.131e8	1.057e7	6.177e5	6.130e5	0.76	NO	1.431e8	51.3	51.3	0.0153	
PCB-63	34.93	7.578e8	9.901e8	5.758e5	7.881e5	0.75	NO	1.342e8	53.2	53.2	0.0188	
PCB-58	34.76	6.274e8	1.078e7	6.380e5	6.188e5	0.76	NO	1.458e8	51.5	51.5	0.0180	

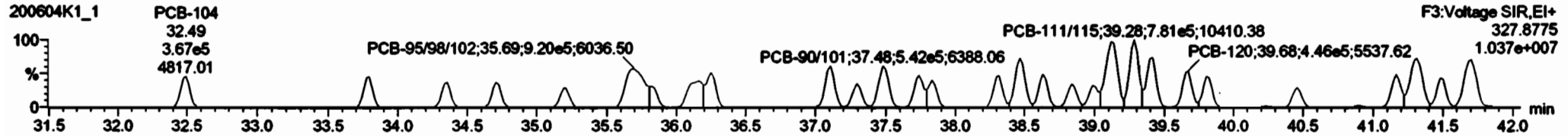
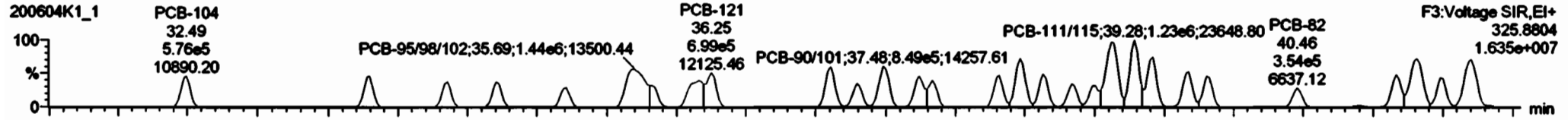


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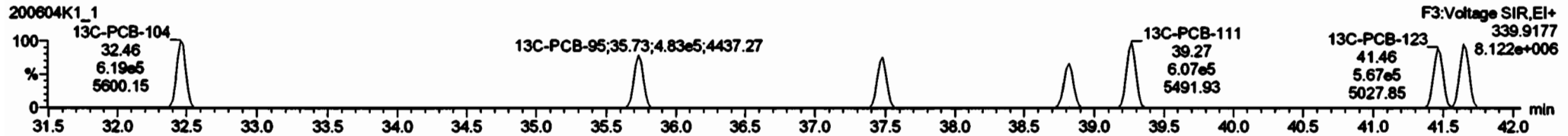
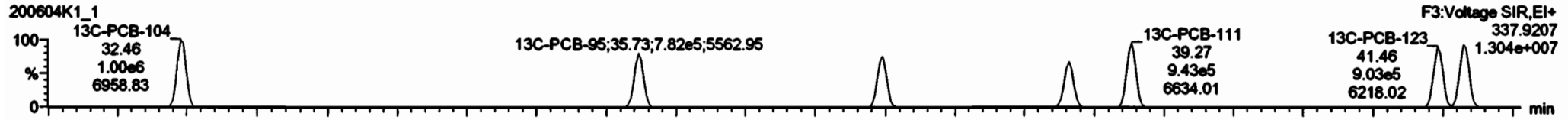
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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

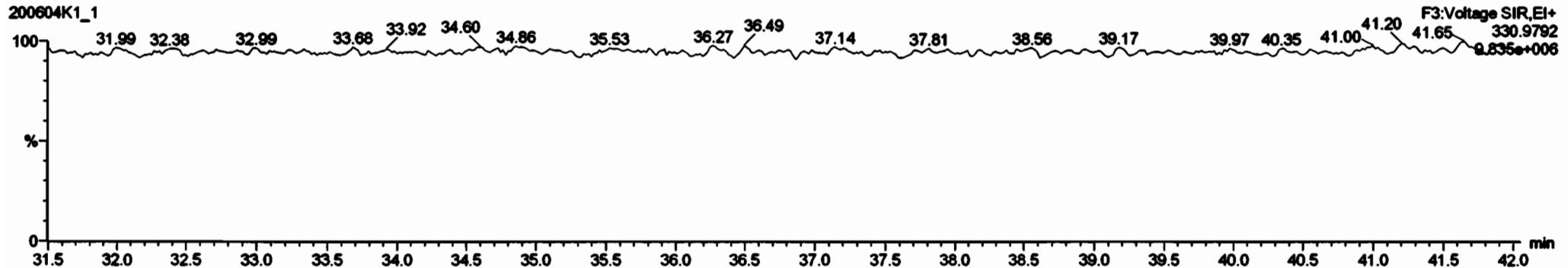
**PCB-104**



**13C-PCB-104**



**PFK3b**



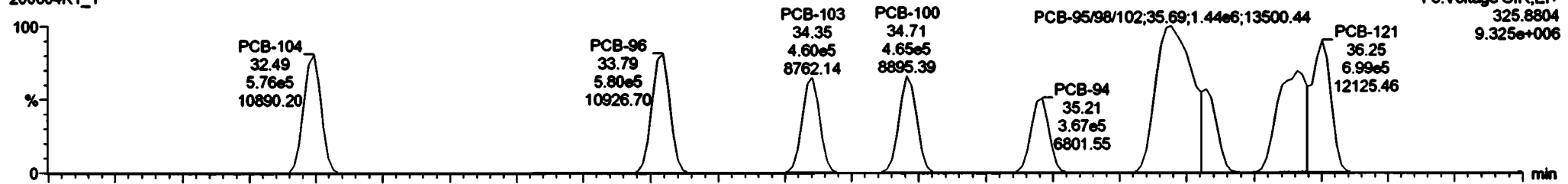
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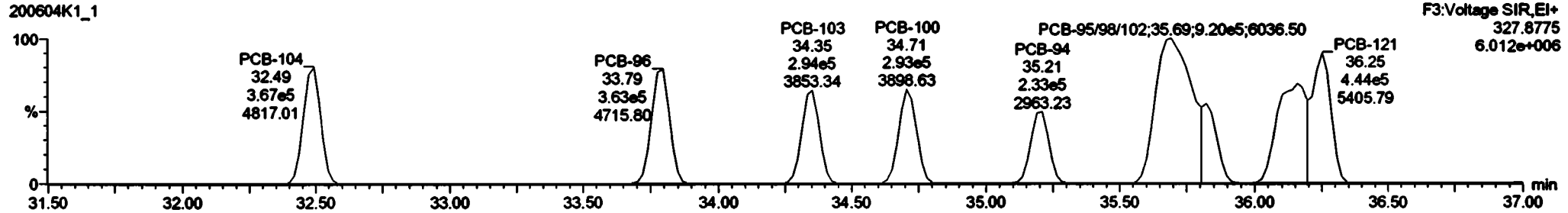
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PCB-96

200604K1\_1

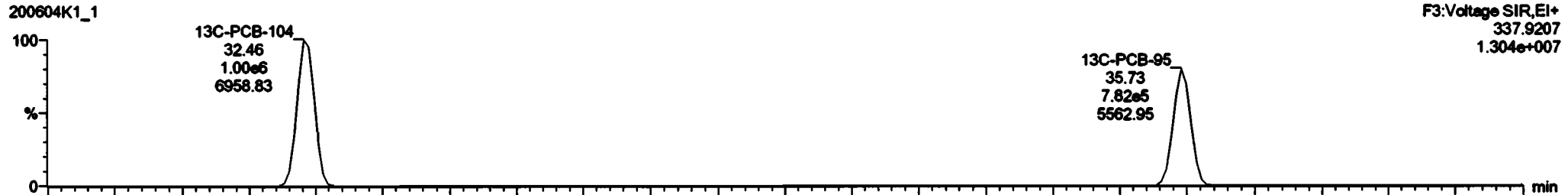


200604K1\_1

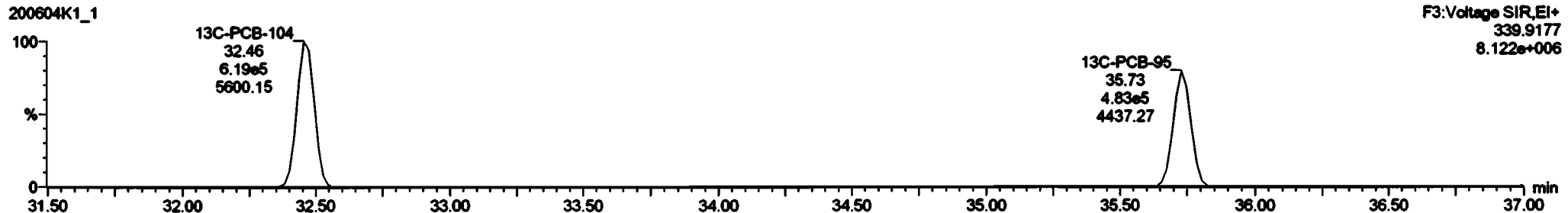


13C-PCB-95

200604K1\_1



200604K1\_1





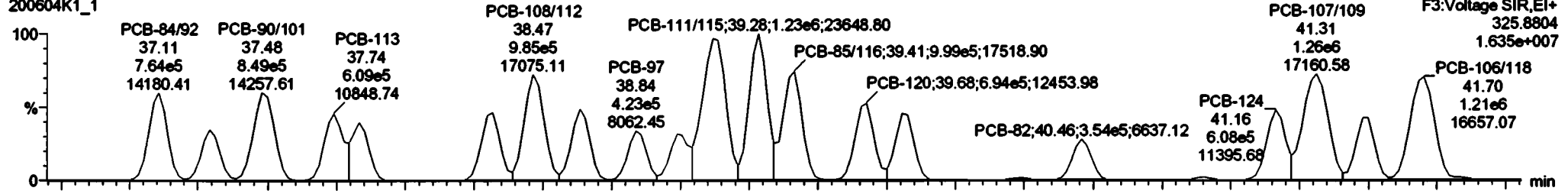
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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

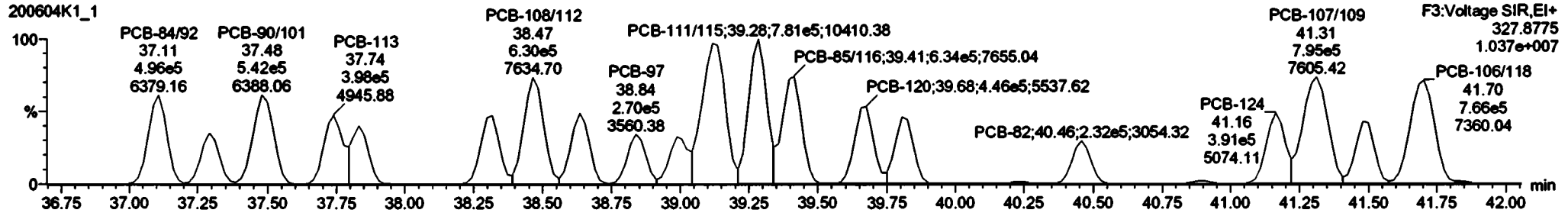
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PCB-119

200604K1\_1

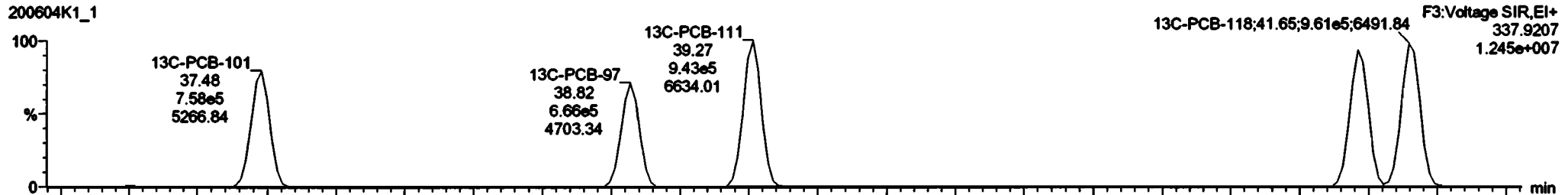


200604K1\_1

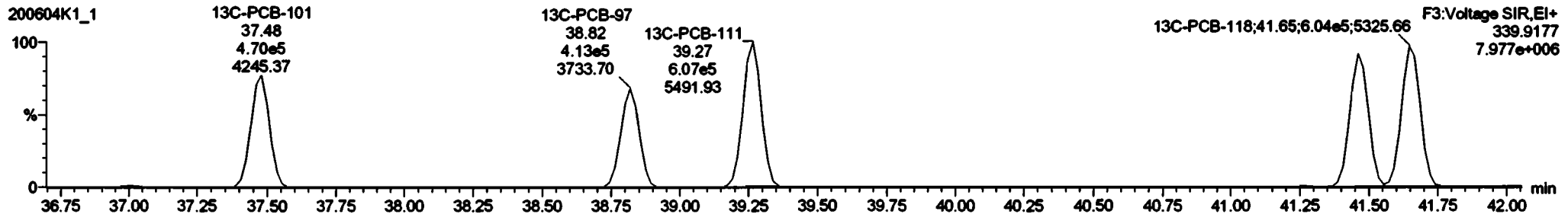


13C-PCB-111

200604K1\_1

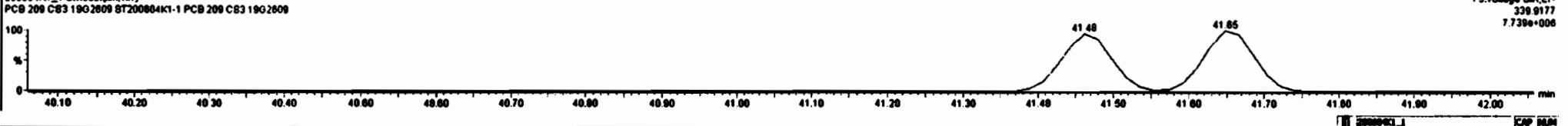
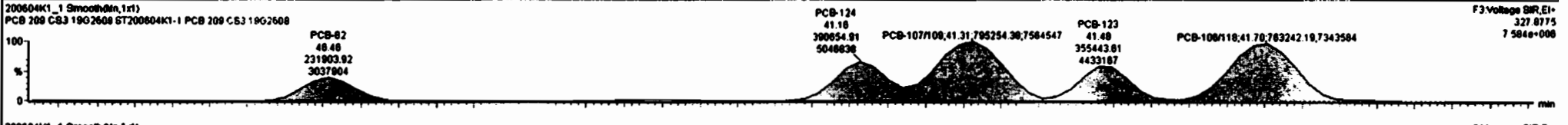
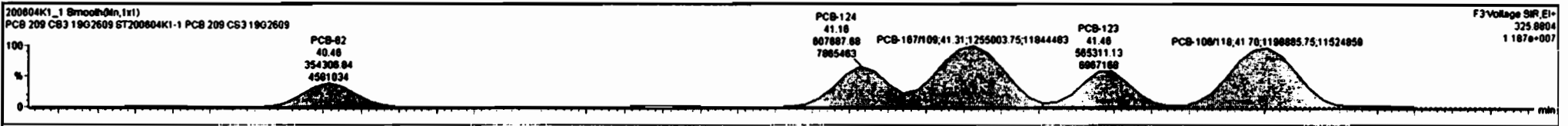


200604K1\_1



Group	Resp	RA	RF	RFF	RRF	RT	RRT	Comp	Ratio	CL
Total Tetro-PCBs				1.070	1.00			2240		0.500
4th Function Parts				1.073	1.00			270		0.154
3rd Function Name				0.951	1.00			690		0.150

Group	RT	alt Height	std Height	alt Resp	std Resp	RA	RF	Resp	Comp	SRPC	CL
1 PCB-104	32.40	7.917e0	4.791e0	5.757e0	3.871e0	1.57	NO	8.420e0	51.0	51.0	0.0142
2 PCB-80	37.20	5.890e0	3.837e0	4.303e0	2.743e0	1.57	NO	7.045e0	51.0	51.0	0.0101
3 PCB-0402	37.11	0.700e0	0.346e0	7.830e0	4.901e0	1.54	NO	1.200e0	101	101	0.0207
4 PCB-121	30.25	0.300e0	5.377e0	6.901e0	4.430e0	1.50	NO	1.143e0	52.0	52.0	0.0117
5 PCB-0001	30.10	6.440e0	4.003e0	7.501e0	4.521e0	1.54	NO	1.250e0	92.0	92.0	0.0100
6 PCB-03	35.02	5.277e0	3.206e0	3.306e0	2.030e0	1.02	NO	5.343e0	46.2	46.2	0.0214
7 PCB-0500/02	35.00	0.310e0	0.004e0	1.441e0	0.201e0	1.57	NO	2.301e0	150	150	0.0100
8 PCB-04	35.21	4.000e0	2.047e0	3.000e0	2.330e0	1.57	NO	0.000e0	00.0	00.0	0.0211
9 PCB-100	34.71	0.140e0	3.870e0	4.045e0	2.831e0	1.50	NO	7.570e0	40.1	40.1	0.0107
10 PCB-100	34.35	0.040e0	3.833e0	4.003e0	2.041e0	1.50	NO	7.542e0	40.7	40.7	0.0171
11 PCB-00	33.70	7.542e0	4.000e0	5.707e0	3.820e0	1.00	NO	0.425e0	50.4	50.4	0.0130

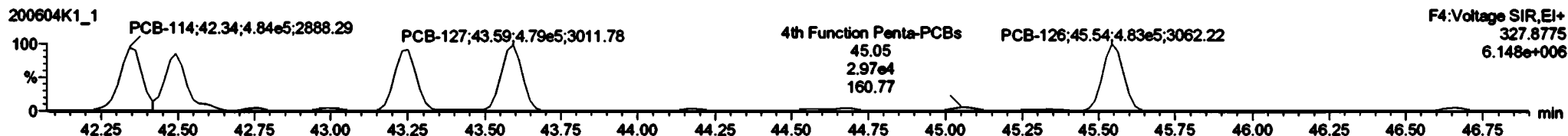
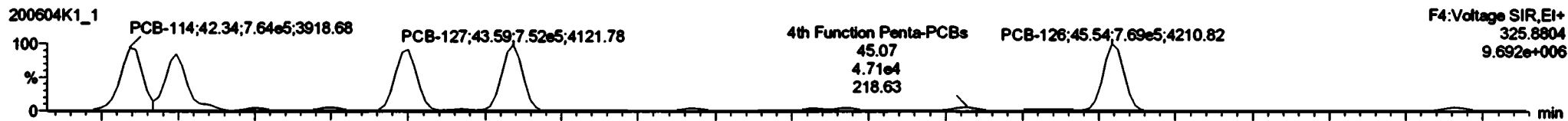


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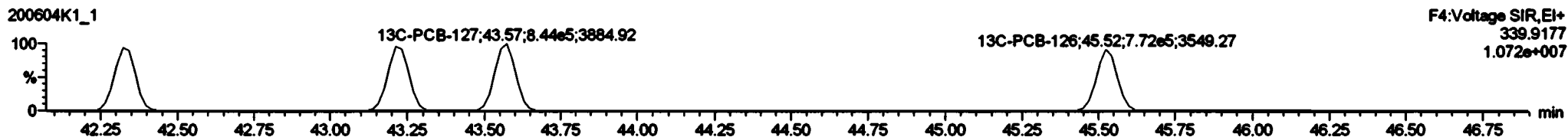
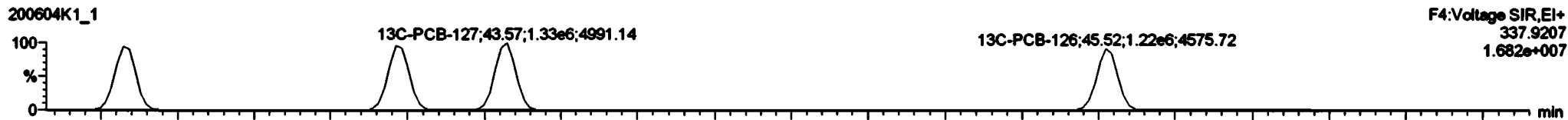
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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

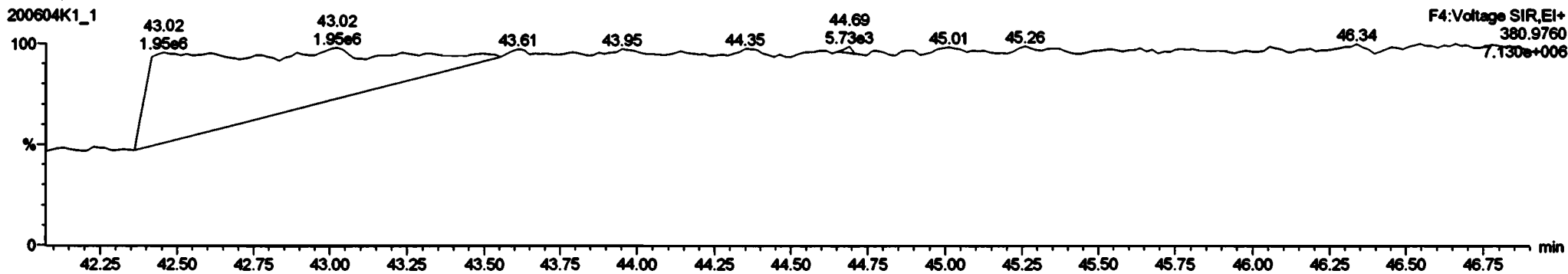
**PCB-114**



**13C-PCB-114**

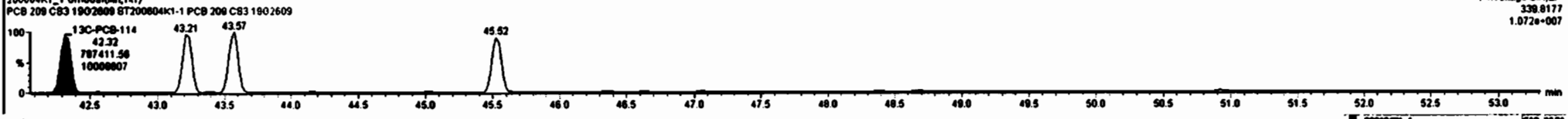
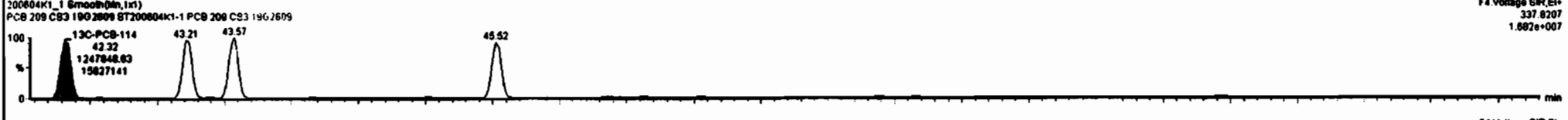
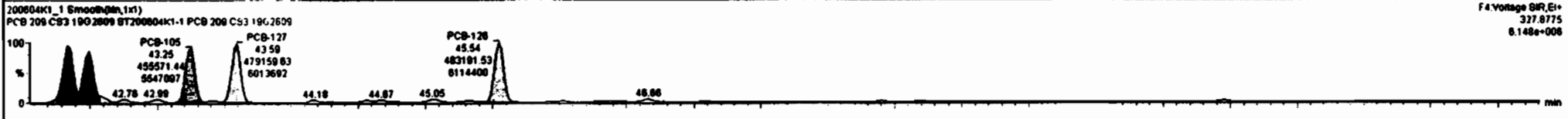
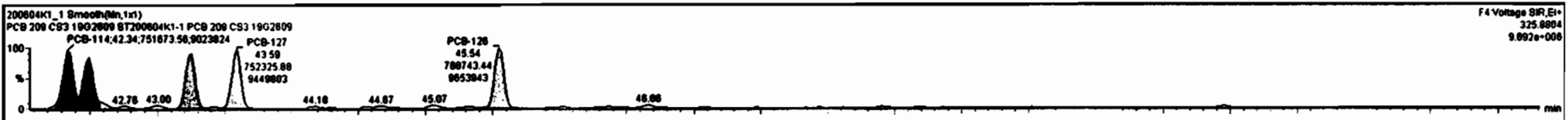


**PFK4a**



Sample	Comp	RA	Qty	RFV	valVol	RT	RFT	Cum.	RFRes	DL
Total Tetra-PCBs				1.870	1.00			2240		0.590
3rd Function Parts				1.310	1.00			2000		0.490
3rd Function Home				0.561	1.00			600		0.150

Sample	RT	ret. Height	int. Height	ret. Resp	int. Resp	RA	Qty	Comp	RFRes	DL	
1 PCB-127	43.50	9.450e5	6.014e5	7.522e5	4.782e5	1.57	NO	1.231e6	53.5	53.5	0.0298
2 PCB-105	43.25	8.700e5	5.547e5	7.171e5	4.569e5	1.57	NO	1.172e6	53.5	53.5	0.0312
3 PCB-122	42.40	8.180e5	5.250e5	6.803e5	4.241e5	1.58	NO	1.004e6	58.4	58.4	0.0362
4 PCB-114	42.34	8.024e5	5.780e5	7.517e5	4.774e5	1.57	NO	1.228e6	52.0	52.0	0.0291
5 PCB-128	45.54	8.854e5	6.114e5	7.887e5	4.852e5	1.58	NO	1.252e6	53.5	53.5	0.0282



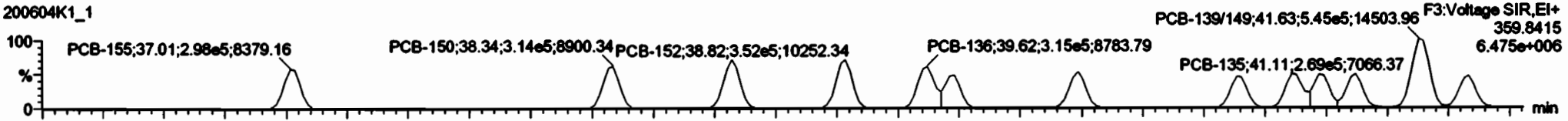
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Last Altered: Friday, June 05, 2020 12:48:38 Pacific Daylight Time  
Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

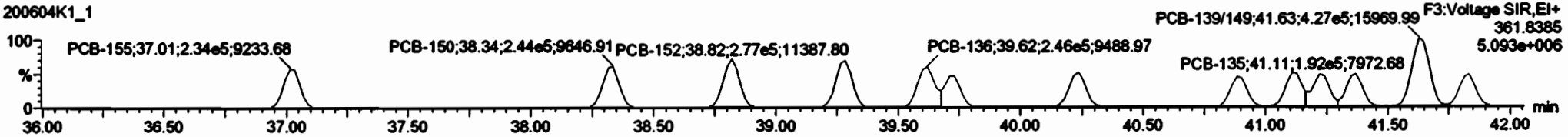
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**PCB-155**

200604K1\_1

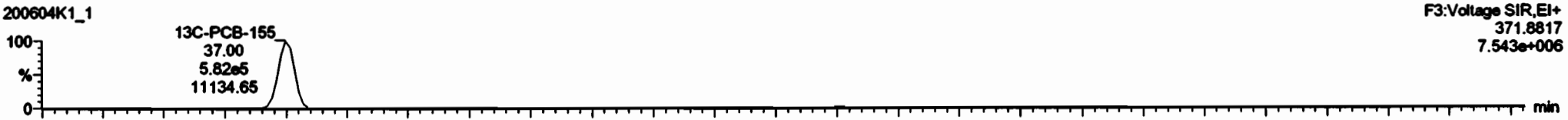


200604K1\_1

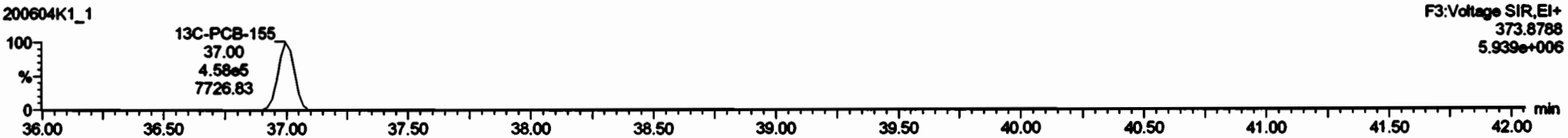


**13C-PCB-155**

200604K1\_1

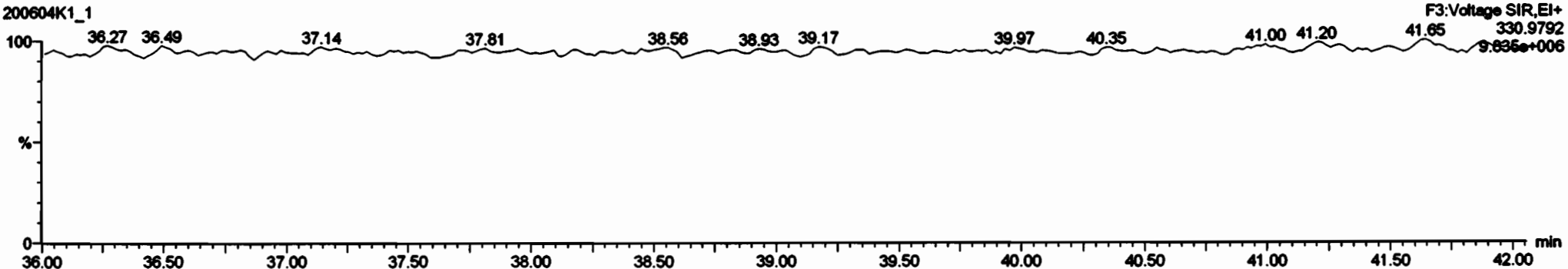


200604K1\_1



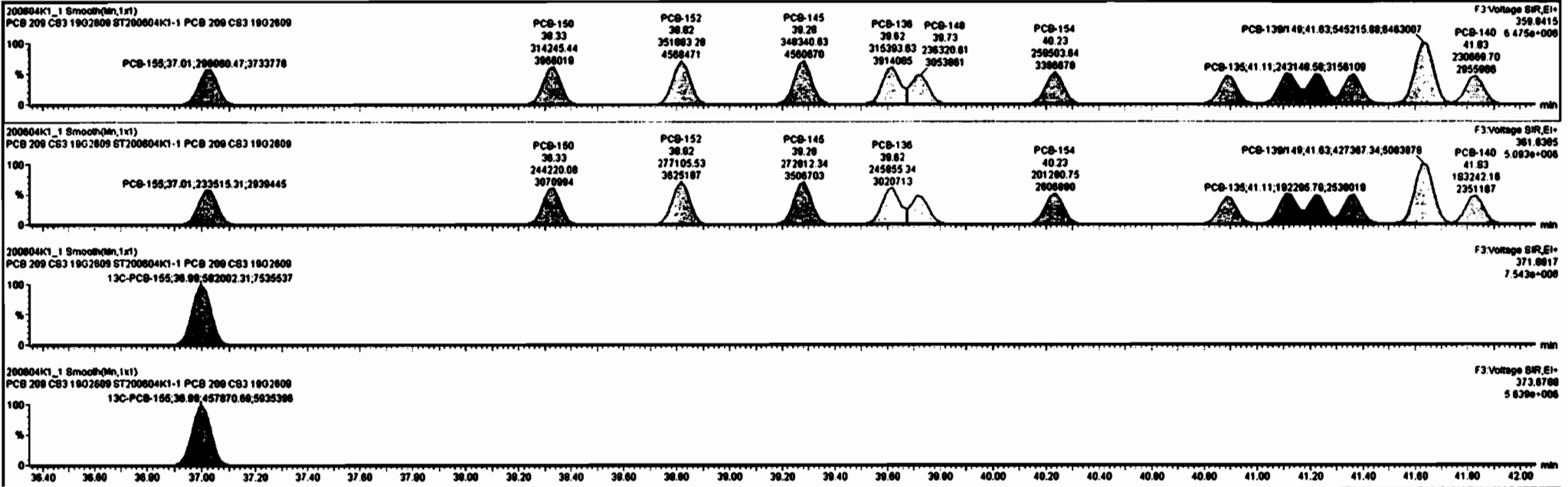
**PFK3c**

200604K1\_1



Group	RA	Qty	RFY	W/W	RT	RRT	Circ	W/Res	SL
Total Tetro-PCBs				1.070	1.00			2240	0.580
3rd Function Parts...				1.318	1.00			2080	0.488
4th Function Parts...				1.073	1.00			270	0.154

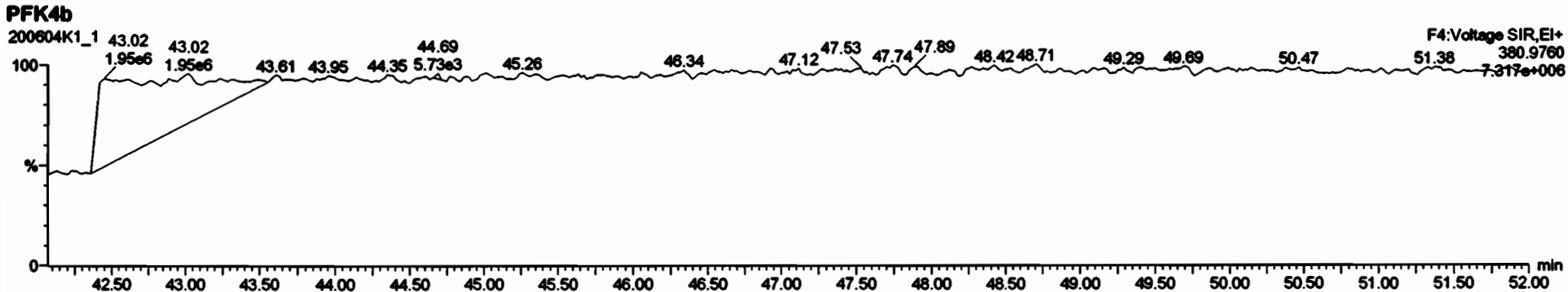
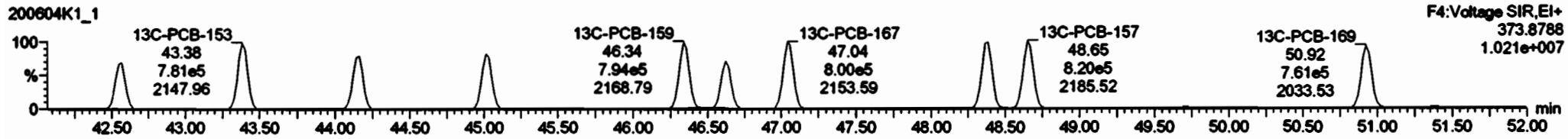
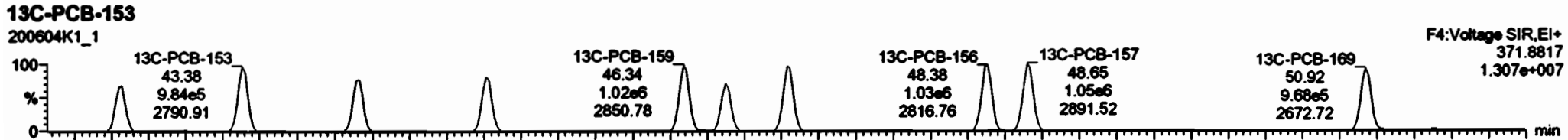
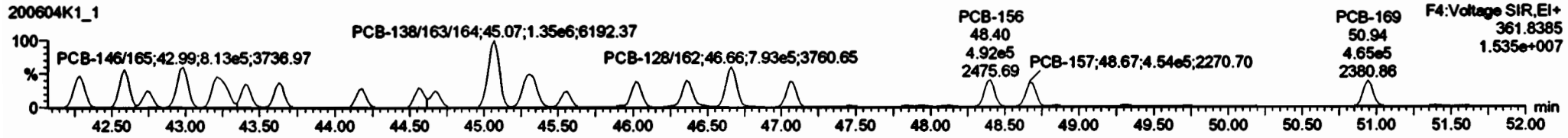
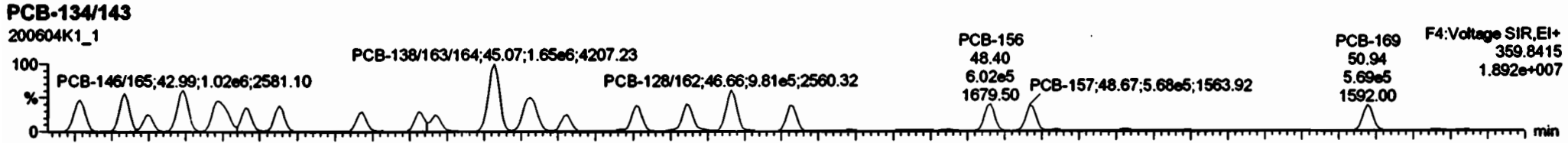
Group	RT	RFY	W/W	RT	RRT	Circ	W/Res	SL			
PCB-148	38.73	3.054e5	2.390e5	2.390e5	1.822e5	1.31	NO	4.165e5	47.8	47.8	0.0135
PCB-138	38.82	3.914e5	3.021e5	3.154e5	2.498e5	1.28	NO	5.912e5	52.9	52.9	0.0111
PCB-145	38.28	4.591e5	3.597e5	3.483e5	2.728e5	1.28	NO	6.213e5	80.3	80.3	0.0086
PCB-152	38.82	4.988e5	3.825e5	3.818e5	2.771e5	1.27	NO	6.280e5	81.0	81.0	0.0087
PCB-150	38.33	3.988e5	3.071e5	3.142e5	2.442e5	1.28	NO	5.595e5	49.8	49.8	0.0105
PCB-155	37.81	3.734e5	2.838e5	2.891e5	2.336e5	1.28	NO	5.316e5	49.0	49.0	0.0108
PCB-149	41.83	2.898e5	2.351e5	2.307e5	1.832e5	1.28	NO	4.138e5	50.2	50.2	0.0143
PCB-139/148	41.83	6.483e5	5.084e5	5.452e5	4.274e5	1.28	NO	9.728e5	88.7	88.7	0.0120
PCB-147	41.37	3.134e5	2.414e5	2.433e5	1.891e5	1.28	NO	4.314e5	48.7	48.7	0.0138
PCB-144	41.22	3.117e5	2.388e5	2.584e5	1.948e5	1.33	NO	4.828e5	55.2	55.2	0.0144
PCB-135	41.11	3.188e5	2.538e5	2.431e5	1.823e5	1.26	NO	4.354e5	45.4	45.4	0.0123



Dataset: Untitled

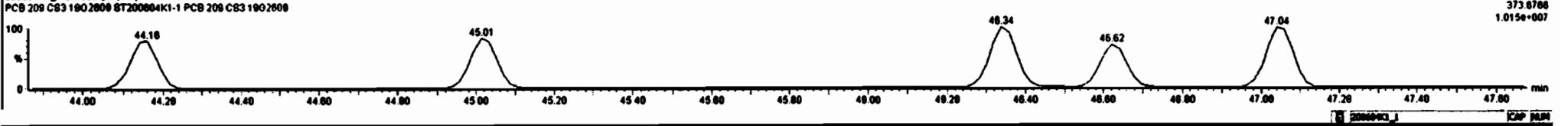
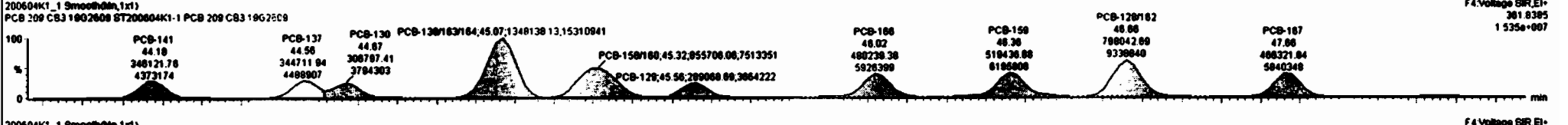
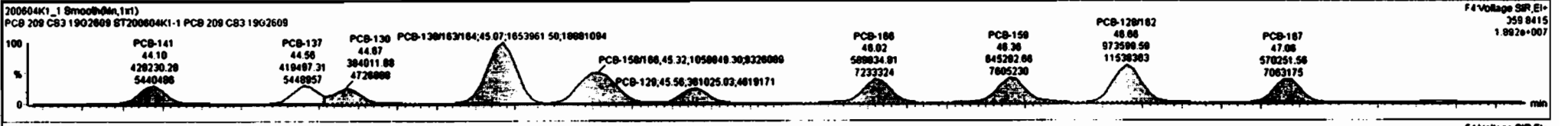
Last Altered: Friday, June 05, 2020 12:48:38 Pacific Daylight Time  
Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609



Sample	Temp	RA	aly	RF	value	RT	RFT	Comp	StDev	SL
200	Total Hg(mg)-PCBs			1.365	1.00			1220		1.30
201	4th Function Ode...			1.001	1.00			448		0.270
202	10th Function Ode...			1.190	1.00			198		0.182

Sample	RT	amt Hg(mg)	amt Hg(ug)	amt Resp	RA	aly	RF	Comp	StDev	SL		
1	PCB-141	44.10	5.440e5	4.373e5	4.282e5	3.401e5	1.24	NO	7.744e5	91.8	91.8	0.0740
2	PCB-108	43.83	7.103e5	5.707e5	5.404e5	4.372e5	1.25	NO	8.803e5	91.8	91.8	0.0573
3	PCB-153	43.40	6.830e5	5.388e5	5.325e5	4.204e5	1.27	NO	8.529e5	90.4	90.4	0.0578
4	PCB-132/161	43.21	6.533e5	6.952e5	1.037e5	6.221e5	1.28	NO	1.889e5	103	103	0.0803
5	PCB-146/165	42.89	1.158e7	9.240e5	1.017e5	6.128e5	1.25	NO	1.830e5	102	102	0.0807
6	PCB-142	42.74	4.830e5	3.794e5	3.754e5	2.980e5	1.28	NO	6.763e5	90.7	90.7	0.0818
7	PCB-131/133	42.59	1.070e7	8.888e5	8.347e5	6.708e5	1.24	NO	1.905e5	104	104	0.0782
8	PCB-134/143	42.30	8.885e5	7.216e5	7.843e5	6.352e5	1.23	NO	1.419e5	108	108	0.0813
9	PCB-167	48.07	7.015e5	5.814e5	5.885e5	4.530e5	1.25	NO	1.022e5	92.8	92.8	0.0578
10	PCB-158	48.80	7.537e5	6.121e5	6.021e5	4.819e5	1.22	NO	1.004e5	92.5	92.5	0.0545
11	PCB-167	47.08	7.083e5	5.840e5	5.703e5	4.883e5	1.22	NO	1.037e5	91.8	91.8	0.0583





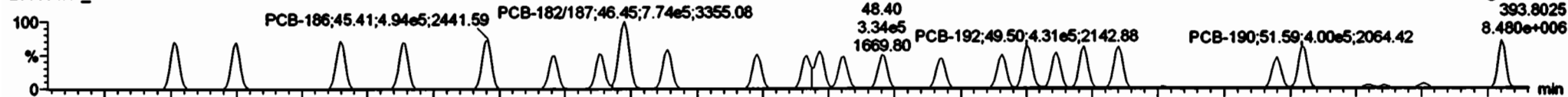
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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

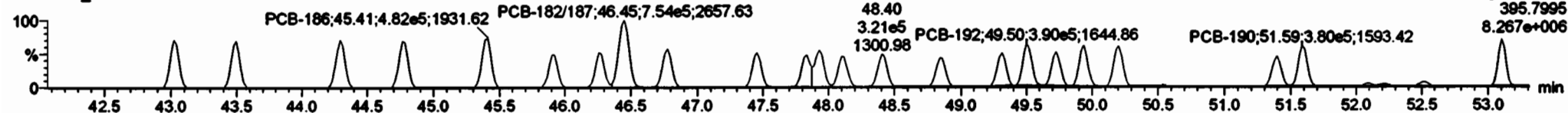
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**PCB-188**

200604K1\_1

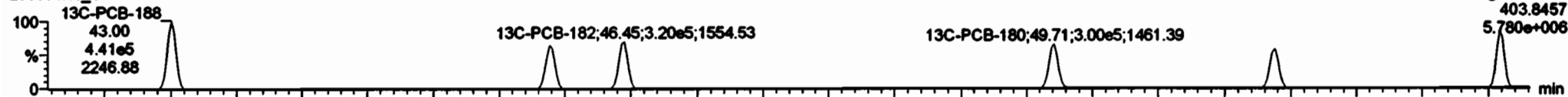


200604K1\_1

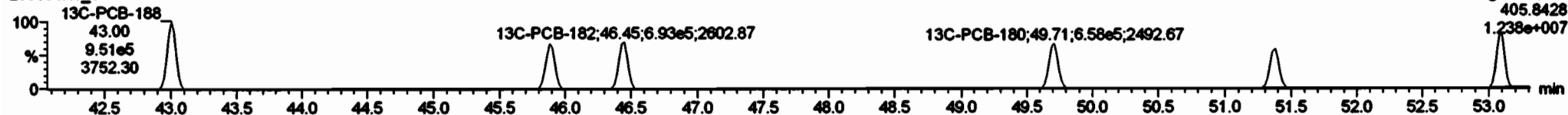


**13C-PCB-188**

200604K1\_1

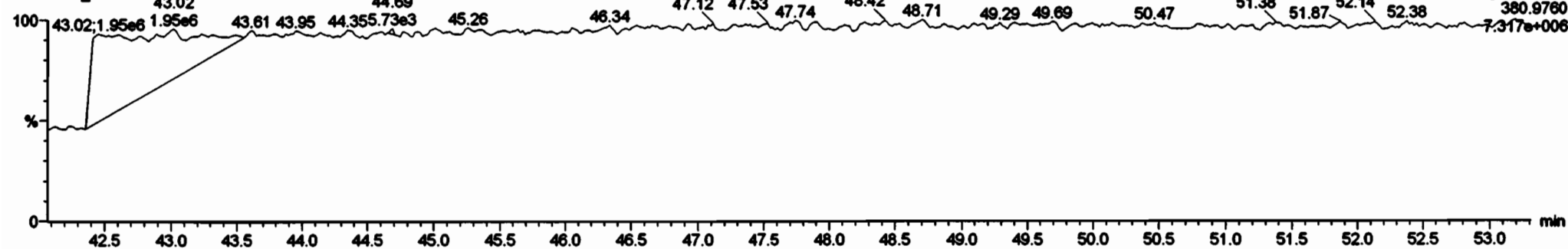


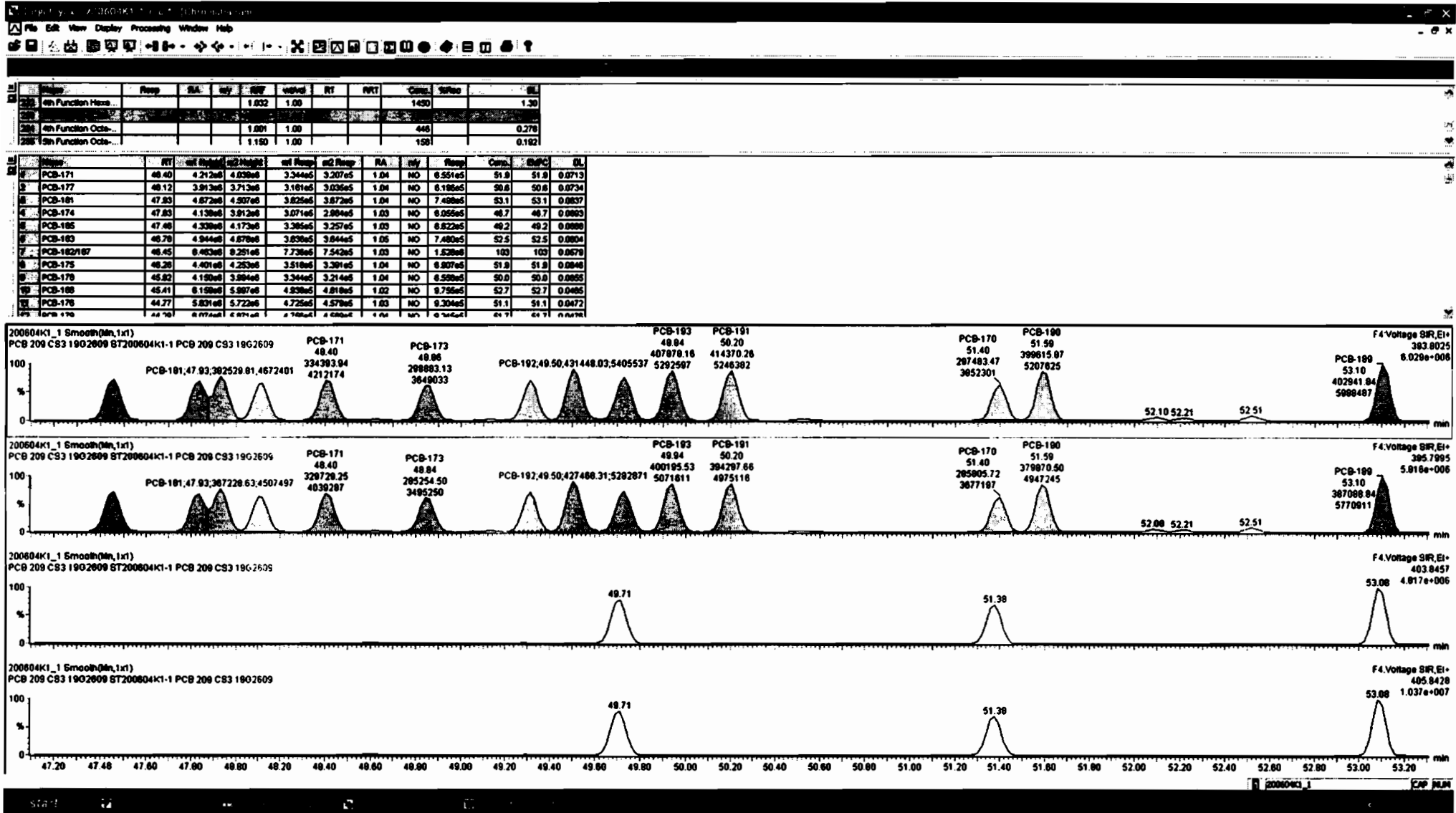
200604K1\_1



**PFK4c**

200604K1\_1





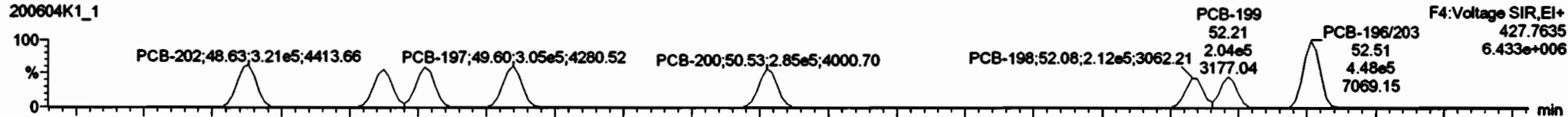
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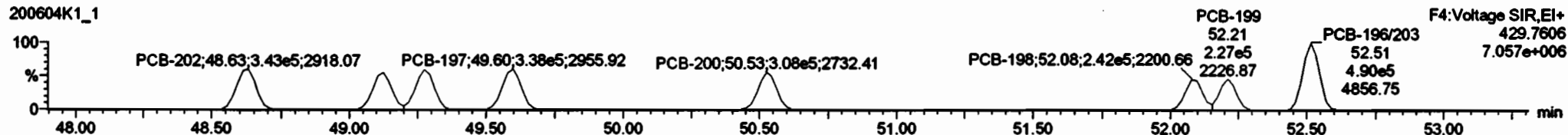
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**PCB-202**

200604K1\_1



200604K1\_1

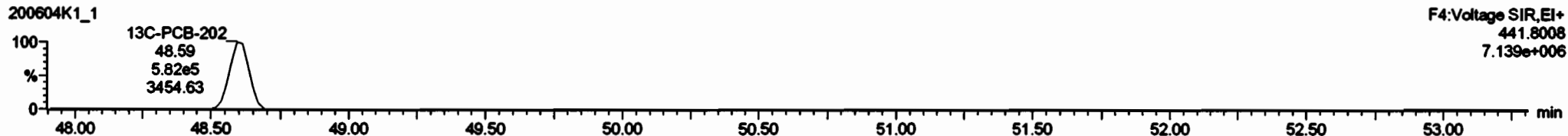


**13C-PCB-202**

200604K1\_1

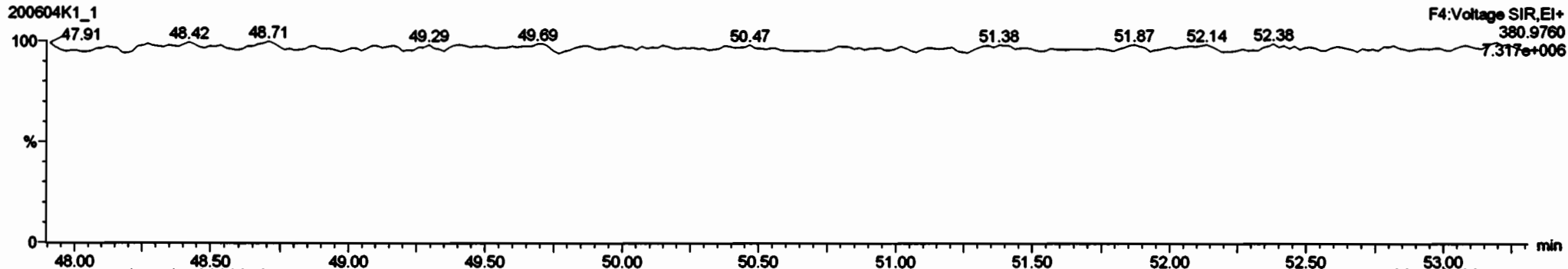


200604K1\_1



**PFK4d**

200604K1\_1



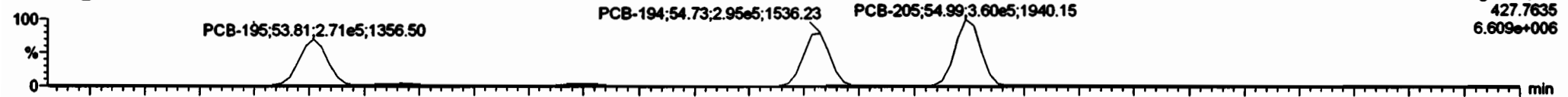
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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

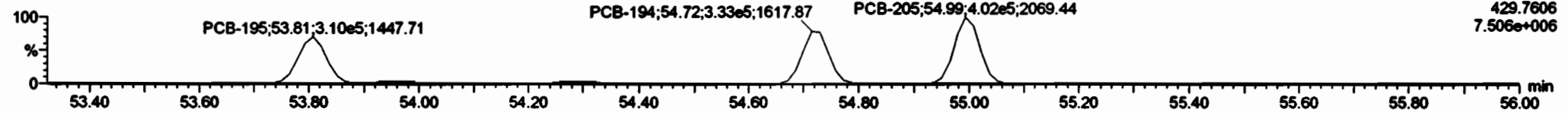
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**PCB-195**

200604K1\_1

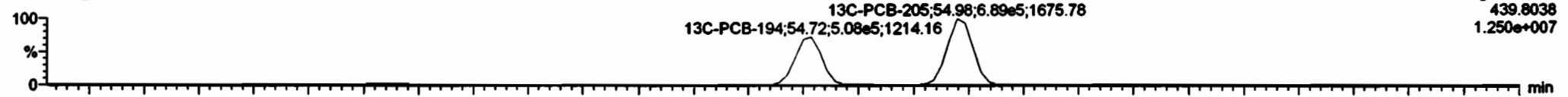


200604K1\_1

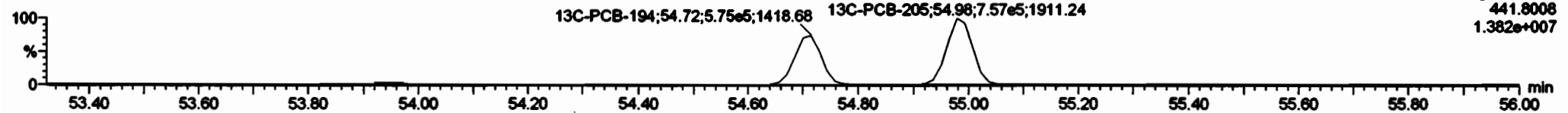


**13C-PCB-194**

200604K1\_1

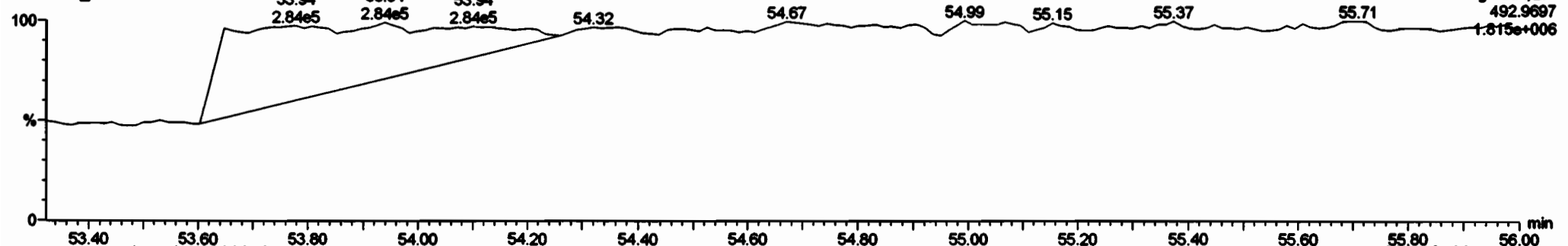


200604K1\_1



**PFK5a**

200604K1\_1



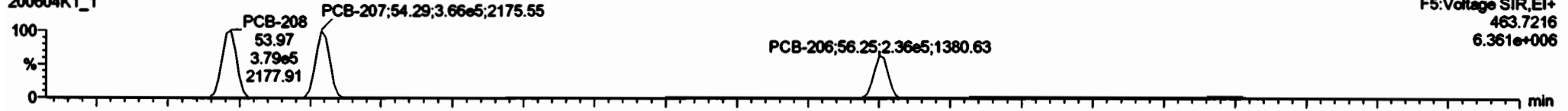
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Last Altered: Friday, June 05, 2020 12:48:38 Pacific Daylight Time  
Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

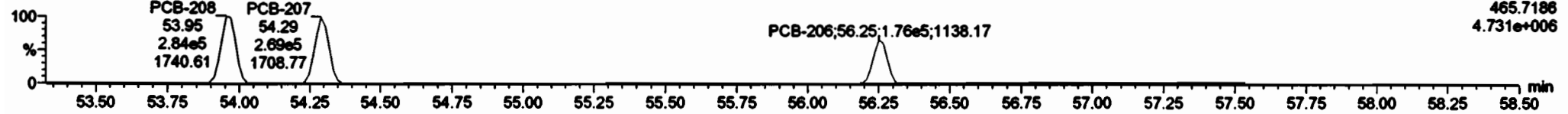
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**PCB-208**

200604K1\_1

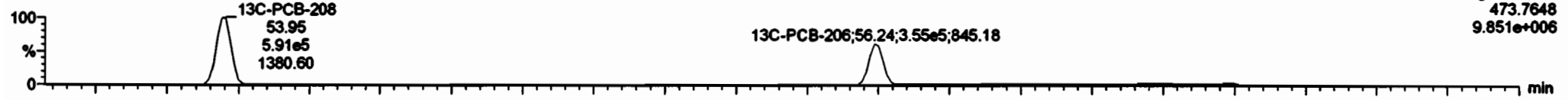


200604K1\_1

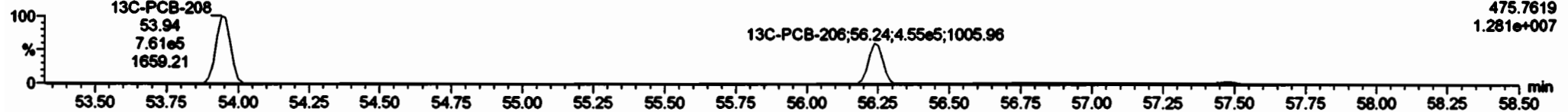


**13C-PCB-208**

200604K1\_1

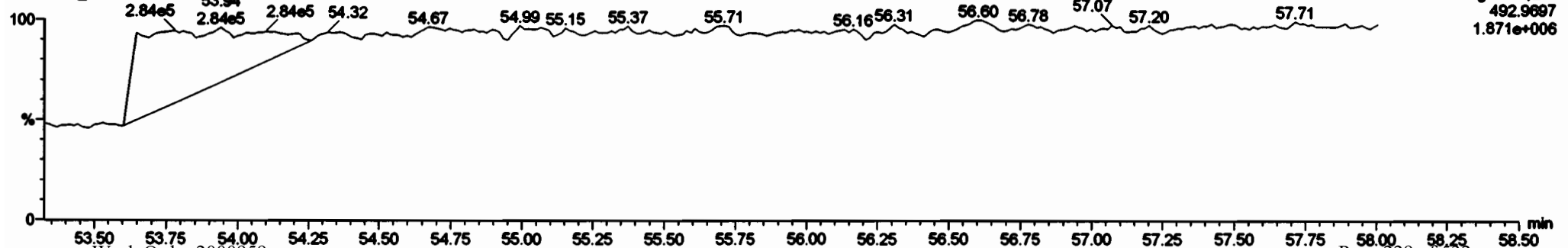


200604K1\_1



**PFK5**

200604K1\_1



Dataset: Untitled

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Printed: Friday, June 05, 2020 12:49:40 Pacific Daylight Time

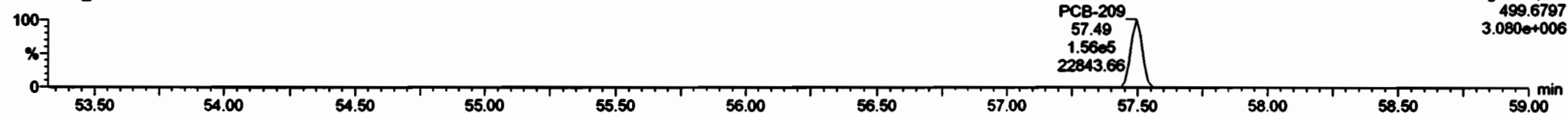
Name: 200604K1\_1, Date: 04-Jun-2020, Time: 08:16:37, ID: ST200604K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

**PCB-209**

200604K1\_1



200604K1\_1

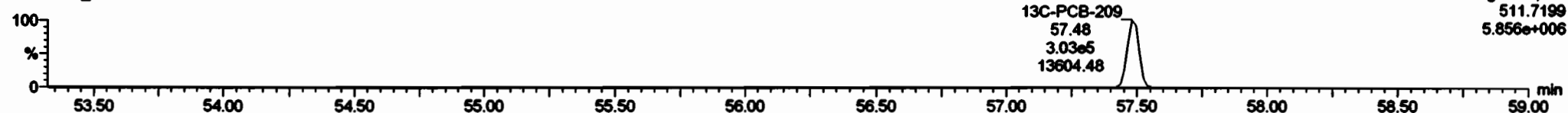


**13C-PCB-209**

200604K1\_1

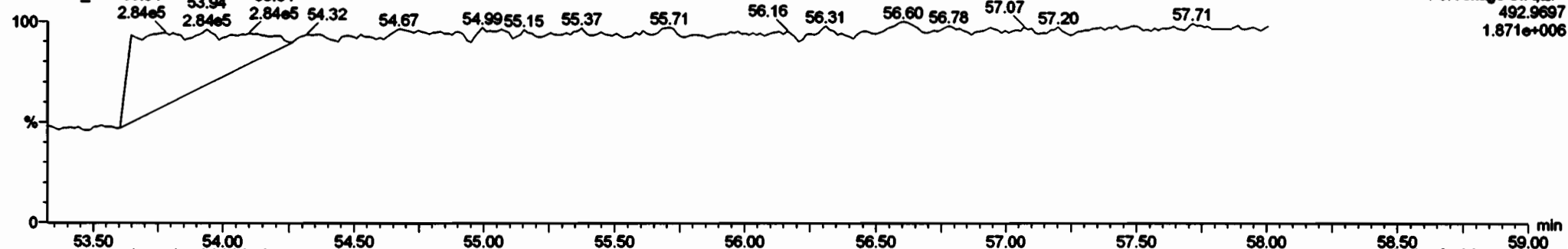


200604K1\_1



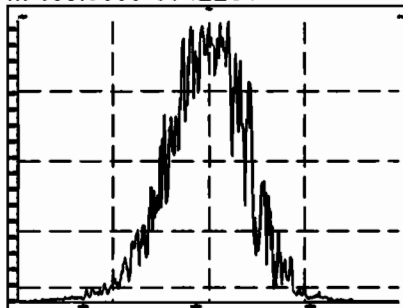
**PFK5b**

200604K1\_1

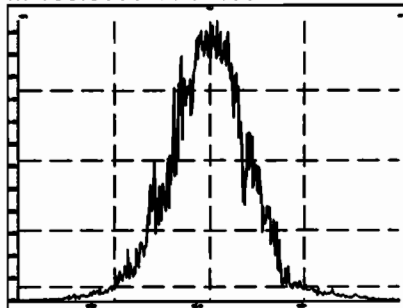


Printed: Thursday, June 04, 2020 19:33:57 Pacific Daylight Time

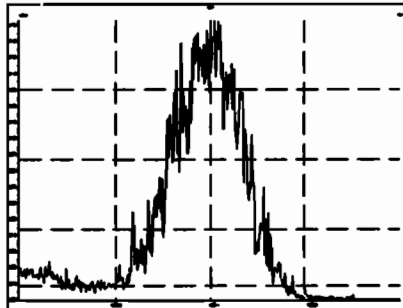
M 168.9888 R 12261



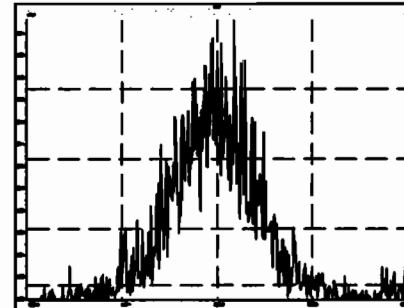
M 180.9888 R 10463



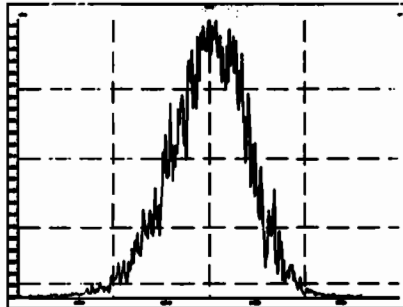
M 192.9888 R 12170



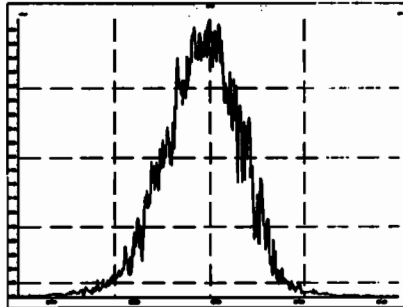
M 204.9888 R 12732



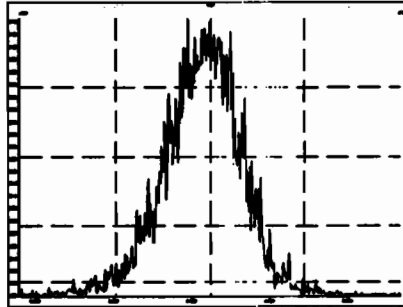
M 218.9856 R 11012



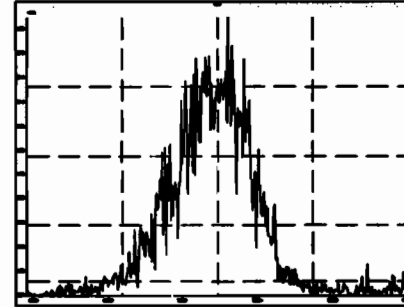
M 230.9856 R 10753



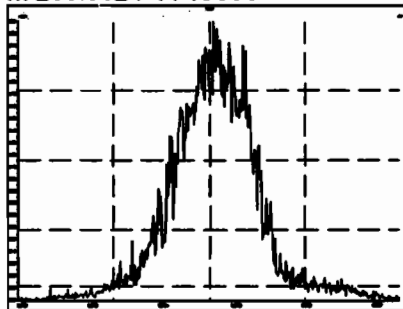
M 242.9856 R 11647



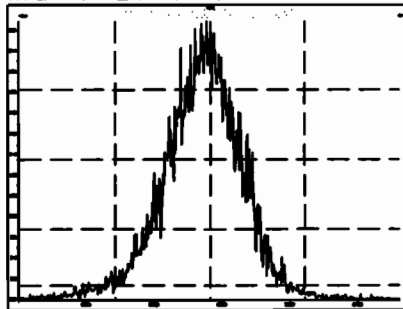
M 254.9856 R 12142



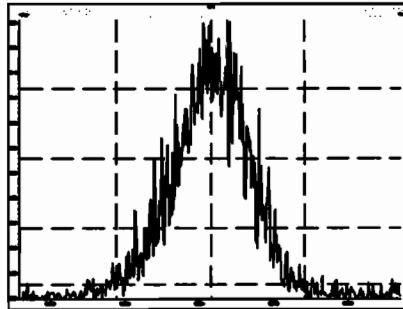
M 268.9824 R 10886



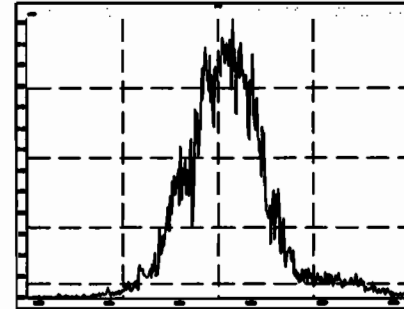
M 280.9824 R 11212



M 254.9856 R 11155

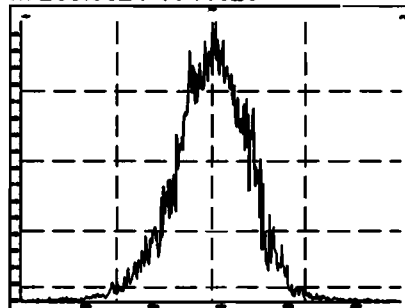


M 268.9824 R 10001

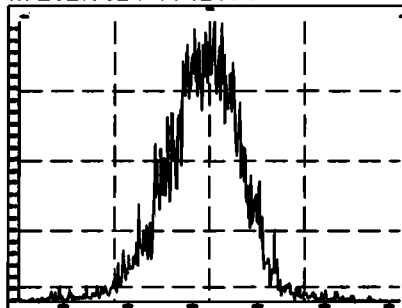


Printed: Thursday, June 04, 2020 19:33:57 Pacific Daylight Time

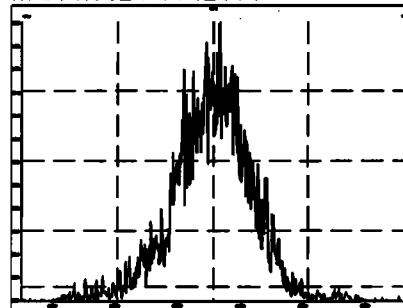
M 280.9824 R 11629



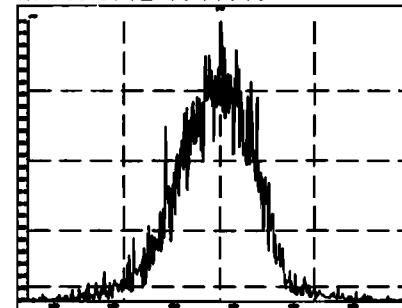
M 292.9824 R 12051



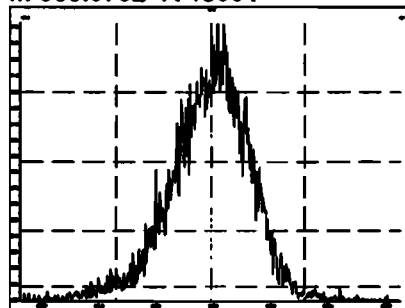
M 304.9824 R 12661



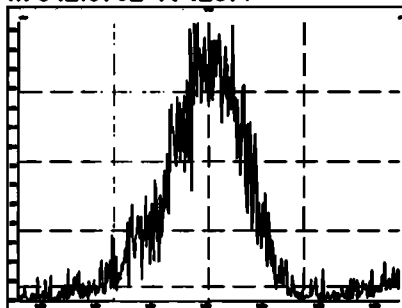
M 318.9792 R 11640



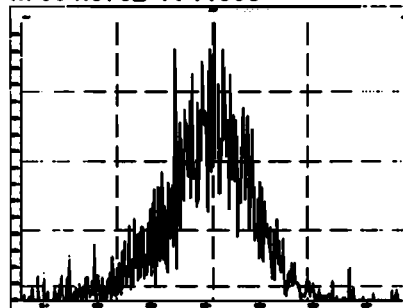
M 330.9792 R 10991



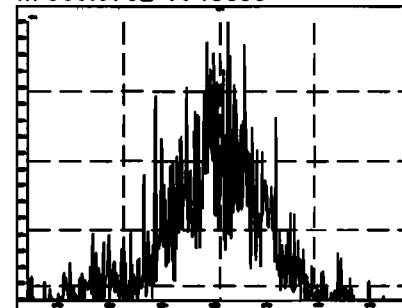
M 342.9792 R 12077



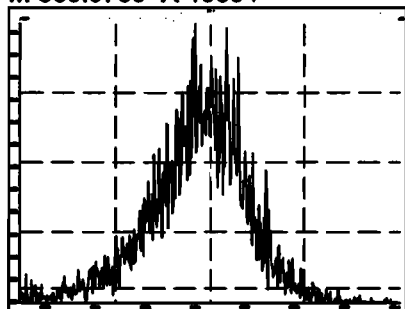
M 354.9792 R 11998



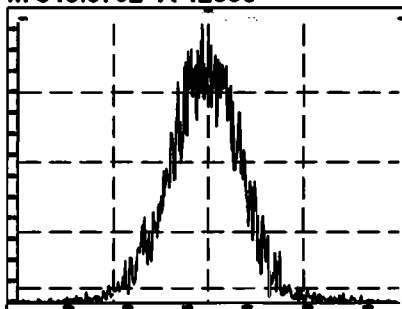
M 366.9792 R 13055



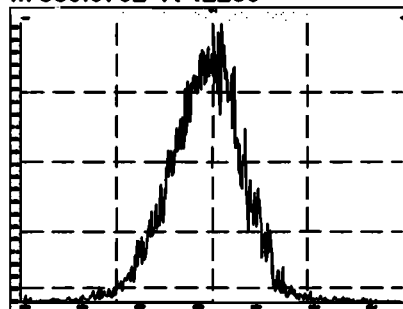
M 380.9760 R 10804



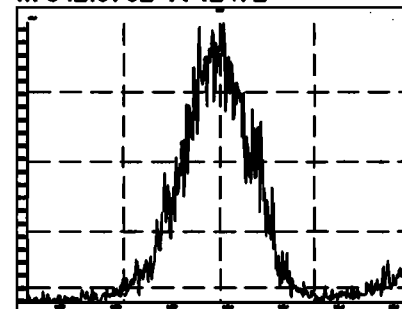
M 318.9792 R 12860



M 330.9792 R 12209



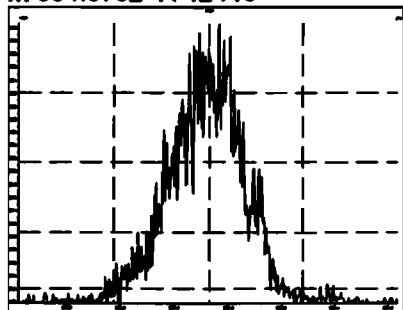
M 342.9792 R 12472



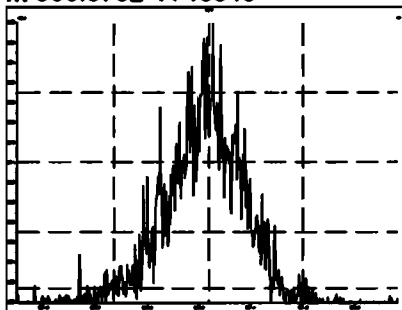


Printed: Thursday, June 04, 2020 19:33:57 Pacific Daylight Time

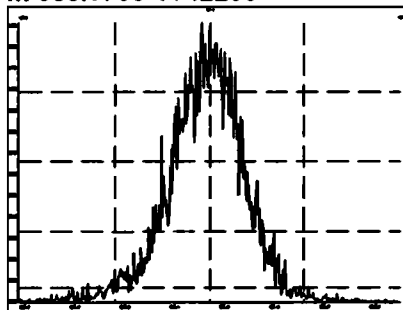
M 354.9792 R 12410



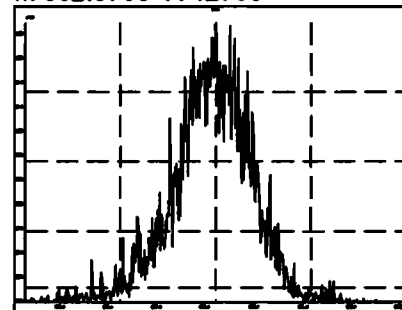
M 366.9792 R 13545



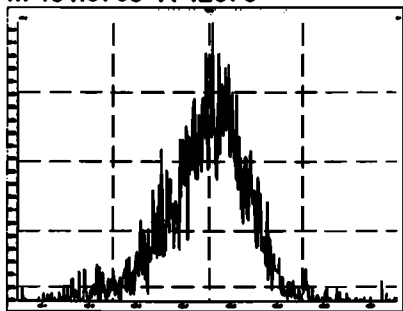
M 380.9760 R 12286



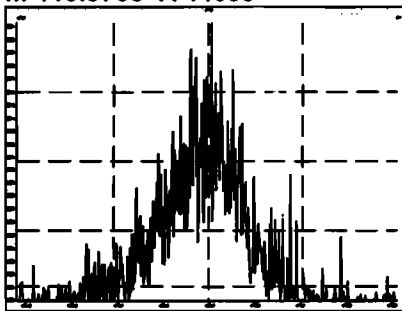
M 392.9760 R 12795



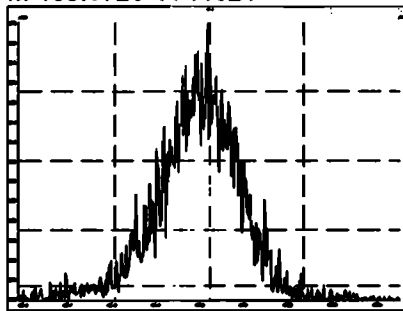
M 404.9760 R 12876



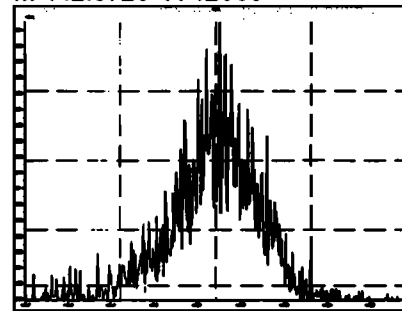
M 416.9760 R 14995



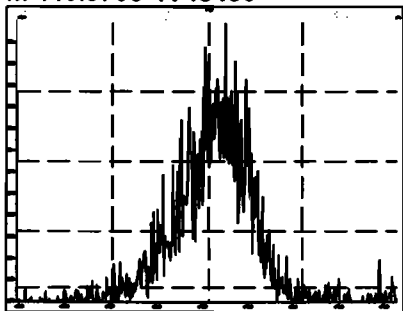
M 430.9728 R 11521



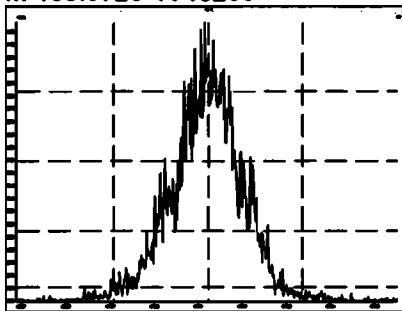
M 442.9728 R 12965



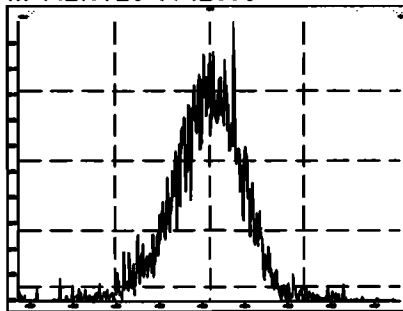
M 416.9760 R 15159



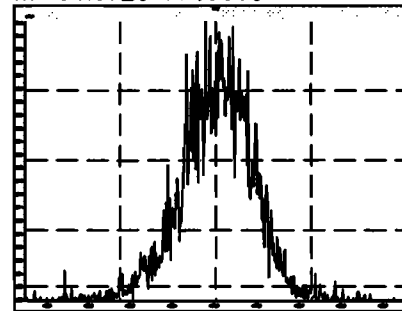
M 430.9728 R 13230



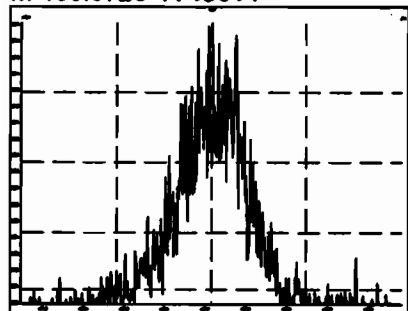
M 442.9728 R 12956



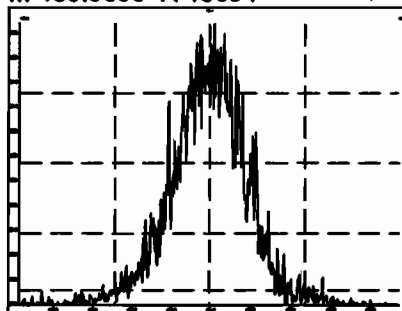
M 454.9728 R 13368



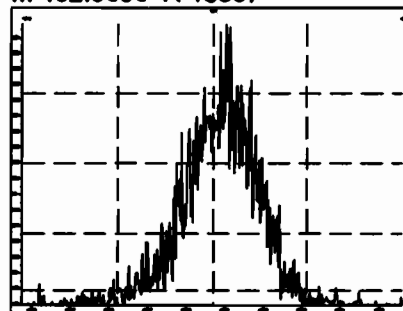
M 466.9728 R 15314



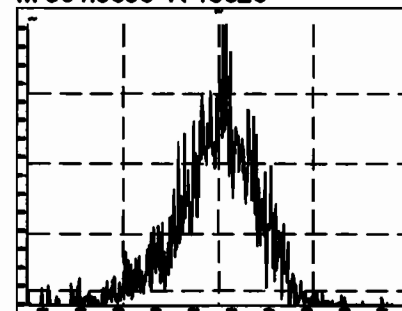
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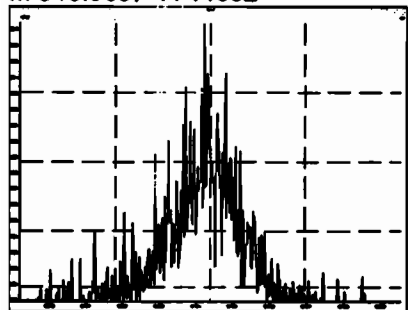
M 492.9696 R 13587



M 504.9696 R 13626



M 516.9697 R 14882



## **INITIAL CALIBRATION**

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

*hr 6/2/2020*

*GT 06/02/2020*

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time

Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

*Begin Rescheck: 1 mass under 10K*

*End Rescheck: some mass affected by column bleed.*

Method: Untitled 01 Jun 2020 09:39:00

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

*-1 mass under 10K*

Compound name: PCB-1

Response Factor: 1.1683

RRF SD: 0.0700662, Relative SD: 5.99729

Response type: Internal Std ( Ref 169 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	2.96	NO	15.52	1.001	6.24e3	2.37e6	0.225	-9.8	1.05	MM
200601K1_2	1.00	3.13	NO	15.53	1.001	2.90e4	2.53e6	0.981	-1.9	1.15	bb
200601K1_3	2.50	3.13	NO	15.56	1.002	7.00e4	2.46e6	2.44	-2.6	1.14	bb
200601K1_4	50.0	3.09	NO	15.54	1.001	1.47e6	2.44e6	51.7	3.3	1.21	bb
200601K1_5	400	3.02	NO	15.54	1.001	1.26e7	2.52e6	426	6.5	1.24	bb
200601K1_6	1000	3.09	NO	15.56	1.002	2.96e7	2.44e6	1040	4.4	1.22	bb

Compound name: PCB-2

Response Factor: 1.1828

RRF SD: 0.0716252, Relative SD: 6.05556

Response type: Internal Std ( Ref 170 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std Conc	RA	ny	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	3.12	NO	17.93	0.988	8.58e3	2.41e6	0.231	-7.7	1.09	bb
200601K1_2	1.00	3.07	NO	17.94	0.988	2.89e4	2.58e6	0.945	-5.5	1.12	bb
200601K1_3	2.50	3.06	NO	17.95	0.988	7.31e4	2.54e6	2.43	-2.6	1.15	bb
200601K1_4	50.0	3.10	NO	17.95	0.988	1.51e6	2.46e6	51.9	3.8	1.23	bb
200601K1_5	400	3.09	NO	17.95	0.988	1.30e7	2.59e6	426	6.5	1.26	bb
200601K1_6	1000	3.10	NO	17.95	0.988	3.06e7	2.47e6	1060	5.6	1.25	bb

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

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

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

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

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

Last Altered: Tuesday, June 02, 2020 10:21:37 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: PCB-7/9

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

Compound name: PCB-8

Response Factor: 1.02356

RRF SD: 0.0533669, Relative SD: 5.21385

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

Curve type: RF

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

Compound name: PCB-5/8

Response Factor: 0.992495

RRF SD: 0.0686245, Relative SD: 6.71283

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

Curve type: RF

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

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

Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.49	NO	23.59	0.952	5.81e3	2.53e6	0.225	-9.8	0.917	MM
200601K1_2	1.00	1.55	NO	23.59	0.951	2.88e4	2.70e6	0.977	-2.3	0.994	bb
200601K1_3	2.50	1.59	NO	23.60	0.951	6.81e4	2.71e6	2.40	-4.1	0.975	bd
200601K1_4	50.0	1.57	NO	23.60	0.951	1.35e6	2.56e6	51.9	3.9	1.06	bb
200601K1_5	400	1.55	NO	23.60	0.951	1.19e7	2.70e6	433	8.3	1.10	bb
200601K1_6	1000	1.57	NO	23.60	0.951	2.85e7	2.69e6	1040	4.1	1.06	bb

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

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

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

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

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Compound name: PCB-12/13

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

Compound name: PCB-15

Response Factor: 1.03482

RRF SD: 0.0605674, Relative SD: 5.85293

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

Curve type: RF

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

Compound name: PCB-19

Response Factor: 1.10626

RRF SD: 0.0710209, Relative SD: 6.41991

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

Curve type: RF

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



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

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

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Compound name: PCB-17

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_3	2.50	1.04	NO	25.64	0.958	3.72e4	2.03e6	2.42	-3.2	0.734	MM
200601K1_4	50.0	1.01	NO	25.65	0.959	7.73e5	1.97e6	51.6	3.3	0.783	db
200601K1_5	400	1.04	NO	25.65	0.959	6.87e6	2.13e6	424	6.0	0.804	db
200601K1_6	1000	1.02	NO	25.65	0.959	1.68e7	2.16e6	1030	2.7	0.779	db

Compound name: PCB-24/27

Response Factor: 1.08206

RRF SD: 0.0492171, Relative SD: 4.54845

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

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	1.04	NO	26.22	0.980	9.84e3	1.93e6	0.471	-5.8	1.02	MM
200601K1_2	2.00	1.02	NO	26.23	0.980	4.42e4	2.07e6	1.97	-1.4	1.07	bb
200601K1_3	5.00	1.02	NO	26.24	0.981	1.05e5	2.03e6	4.79	-4.2	1.04	bb
200601K1_4	100	1.02	NO	26.24	0.981	2.21e6	1.97e6	104	3.6	1.12	bb
200601K1_5	800	1.02	NO	26.24	0.981	1.95e7	2.13e6	845	5.6	1.14	bb
200601K1_6	2000	1.03	NO	26.24	0.981	4.77e7	2.16e6	2050	2.3	1.11	bb

Compound name: PCB-16/32

Response Factor: 0.925439

RRF SD: 0.0403363, Relative SD: 4.35861

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

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X= dropped
200601K1_1	0.500	1.07	NO	26.75	1.000	8.78e3	1.93e6	0.491	-1.8	0.909	bb
200601K1_2	2.00	1.07	NO	26.76	1.000	3.61e4	2.07e6	1.88	-5.9	0.871	bb
200601K1_3	5.00	1.03	NO	26.77	1.001	9.09e4	2.03e6	4.85	-3.0	0.898	MM
200601K1_4	100	1.02	NO	26.77	1.001	1.87e6	1.97e6	103	2.8	0.950	bb
200601K1_5	800	1.02	NO	26.77	1.001	1.68e7	2.13e6	849	6.1	0.982	bb
200601K1_6	2000	1.01	NO	26.77	1.001	4.07e7	2.16e6	2040	2.0	0.944	bb

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

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

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

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

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

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

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**Compound name: PCB-29**

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

**Compound name: PCB-26**

Response Factor: 0.943921

RRF SD: 0.0501146, Relative SD: 5.3082

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

Curve type: RF

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

**Compound name: PCB-25**

Response Factor: 0.949875

RRF SD: 0.0334033, Relative SD: 3.5166

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

Curve type: RF

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

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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	ny	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	7.50	1.06	NO	29.42	1.023	1.62e5	2.33e6	7.38	-1.6	0.928	bb
200601K1_4	150	1.07	NO	29.42	1.023	3.24e6	2.28e6	152	1.5	0.955	bb
200601K1_5	1200	1.05	NO	29.42	1.023	2.88e7	2.40e6	1270	6.2	1.00	bb
200601K1_6	3000	1.03	NO	29.42	1.023	7.01e7	2.39e6	3110	3.8	0.977	bb

Compound name: PCB-22

Response Factor: 0.972852

RRF SD: 0.0678212, Relative SD: 6.98165

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

Curve type: RF

Name	Std. Conc.	RA	ny	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.91	NO	29.87	1.039	5.07e3	2.38e6	0.219	-12.4	0.853	MM
200601K1_2	1.00	1.14	NO	29.87	1.038	2.26e4	2.38e6	0.972	-2.8	0.948	db
200601K1_3	2.50	1.08	NO	29.89	1.039	5.67e4	2.33e6	2.50	0.1	0.974	bb
200601K1_4	50.0	1.06	NO	29.89	1.039	1.14e6	2.28e6	51.5	3.1	1.00	bb
200601K1_5	400	1.09	NO	29.89	1.039	9.79e6	2.40e6	419	4.8	1.02	bb
200601K1_6	1000	1.06	NO	29.89	1.039	2.49e7	2.39e6	1070	7.1	1.04	bb

Compound name: PCB-36

Response Factor: 1.07599

RRF SD: 0.05125, Relative SD: 4.76304

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

Curve type: RF

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

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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	0.948	2.36e7	2.27e6	1050	5.3	1.04	db

Compound name: PCB-38  
 Response Factor: 1.05188  
 RRF SD: 0.0528736, Relative SD: 5.00759  
 Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

Compound name: PCB-35  
 Response Factor: 1.04369  
 RRF SD: 0.0671055, Relative SD: 6.42963  
 Response type: Internal Std ( Ref 177 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

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Compound name: PCB-35

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	2.50	1.01	NO	32.33	0.967	5.53e4	2.26e6	2.34	-6.4	0.977	db
200801K1_4	50.0	1.07	NO	32.33	0.967	1.15e6	2.09e6	52.5	5.0	1.10	dd
200801K1_5	400	1.08	NO	32.33	0.967	9.64e6	2.17e6	426	6.8	1.11	dd
200801K1_6	1000	1.08	NO	32.33	0.966	2.50e7	2.27e6	1060	5.6	1.10	dd

Compound name: PCB-37

Response Factor: 1.00907

RRF SD: 0.0813948, Relative SD: 8.0663

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

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.04	NO	32.77	1.000	4.58e3	2.11e6	0.215	-13.9	0.869	MM
200801K1_2	1.00	1.09	NO	32.77	1.000	2.21e4	2.26e6	0.972	-2.8	0.981	MM
200801K1_3	2.50	1.04	NO	32.77	1.000	5.65e4	2.26e6	2.47	-1.0	0.999	MM
200801K1_4	50.0	1.05	NO	32.79	1.001	1.10e6	2.09e6	51.9	3.8	1.05	MM
200801K1_5	400	1.04	NO	32.79	1.001	9.57e6	2.17e6	437	9.4	1.10	MM
200801K1_6	1000	1.04	NO	32.79	1.001	2.39e7	2.27e6	1050	4.6	1.06	MM

Compound name: PCB-54

Response Factor: 1.07963

RRF SD: 0.0563853, Relative SD: 5.22166

Response type: Internal Std ( Ref 178 ), Area \* ( IS Conc. / IS Area )

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	0.74	NO	27.62	1.001	4.22e3	1.88e6	0.232	-7.1	1.00	MM
200801K1_2	1.00	0.80	NO	27.64	1.001	1.98e4	1.85e6	0.990	-1.0	1.07	bb
200801K1_3	2.50	0.78	NO	27.64	1.001	4.63e4	1.80e6	2.38	-4.9	1.03	bb
200801K1_4	50.0	0.78	NO	27.64	1.001	9.78e5	1.75e6	51.6	3.2	1.11	bb
200801K1_5	400	0.79	NO	27.64	1.001	8.59e6	1.88e6	422	5.8	1.14	bb
200801K1_6	1000	0.77	NO	27.64	1.001	2.11e7	1.88e6	1040	4.2	1.13	bb



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

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

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

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

Compound name: PCB-51  
 Response Factor: 1.08521  
 RRF SD: 0.0890475, Relative SD: 6.48207  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

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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	5.28e6	1.51e6	419	4.8	0.870	bb
200601K1_6	1000	0.78	NO	30.80	0.985	1.31e7	1.54e6	1030	2.7	0.853	bb

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

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.28	1.001	7.66e3	1.37e6	0.481	-3.8	1.12	MM
200801K1_2	2.00	0.79	NO	31.30	1.001	3.38e4	1.50e6	1.93	-3.4	1.13	bd
200801K1_3	5.00	0.79	NO	31.30	1.001	7.99e4	1.44e6	4.74	-5.2	1.11	bd
200801K1_4	100	0.76	NO	31.30	1.001	1.67e6	1.38e6	104	3.9	1.21	bd
200801K1_5	800	0.77	NO	31.30	1.001	1.49e7	1.51e6	845	5.6	1.23	bd
200801K1_6	2000	0.78	NO	31.30	1.001	3.69e7	1.54e6	2060	2.9	1.20	bd

Compound name: PCB-73  
 Response Factor: 1.44314  
 RRF SD: 0.12369, Relative SD: 6.57088  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	0.70	NO	31.41	1.005	4.29e3	1.37e6	0.218	-12.9	1.26	dd
200801K1_2	1.00	0.73	NO	31.41	1.005	2.10e4	1.50e6	0.971	-2.9	1.40	dd
200801K1_3	2.50	0.77	NO	31.41	1.005	4.90e4	1.44e6	2.35	-5.9	1.36	dd
200801K1_4	50.0	0.79	NO	31.41	1.005	1.06e6	1.38e6	53.5	7.0	1.54	dd
200801K1_5	400	0.77	NO	31.41	1.005	9.42e6	1.51e6	432	8.0	1.56	dd
200801K1_6	1000	0.77	NO	31.41	1.005	2.36e7	1.54e6	1070	6.7	1.54	dd

Compound name: PCB-43/49  
 Response Factor: 1.01613  
 RRF SD: 0.0523973, Relative SD: 5.15654  
 Response type: Internal Std ( Ref 179 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.500	0.86	NO	31.56	1.011	6.71e3	1.37e6	0.483	-3.3	0.982	db
200801K1_2	2.00	0.78	NO	31.58	1.010	2.91e4	1.50e6	1.91	-4.4	0.972	dd

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Compound name: PCB-43/49

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

Compound name: PCB-47

Response Factor: 0.92191

RRF SD: 0.0589335, Relative SD: 6.39255

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

Curve type: RF

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

Compound name: PCB-48/75

Response Factor: 1.12021

RRF SD: 0.0667822, Relative SD: 5.96157

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

Curve type: RF

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

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

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

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

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.72	NO	32.29	1.016	4.14e3	1.44e6	0.255	2.1	1.15	db
2	200801K1_2	1.00	0.70	NO	32.29	1.016	1.80e4	1.59e6	0.999	-0.1	1.13	dd
3	200801K1_3	2.50	0.79	NO	32.29	1.016	4.05e4	1.53e6	2.35	-6.1	1.08	dd
4	200801K1_4	50.0	0.76	NO	32.31	1.016	8.53e5	1.49e6	50.8	1.8	1.15	db
5	200801K1_5	400	0.79	NO	32.31	1.016	7.38e6	1.60e6	409	2.2	1.15	db
6	200801K1_6	1000	0.76	NO	32.31	1.016	1.88e7	1.68e6	1000	0.3	1.13	db

Compound name: PCB-44  
 Response Factor: 0.824154  
 RRF SD: 0.0474856, Relative SD: 5.75932  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.88	NO	32.62	1.027	3.12e3	1.44e6	0.263	5.2	0.867	MM
2	200801K1_2	1.00	0.78	NO	32.62	1.027	1.16e4	1.59e6	0.895	-10.5	0.738	dd

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**Compound name: PCB-44**

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

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

Response Factor: 1.04973

RRF SD: 0.0483426, Relative SD: 4.70053

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

Curve type: RF

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

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

Response Factor: 1.18742

RRF SD: 0.0661253, Relative SD: 5.56883

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

Curve type: RF

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

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

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.75	NO	33.72	1.061	4.51e3	1.44e6	0.245	-1.9	1.25	bb
2	200601K1_2	1.00	0.75	NO	33.72	1.061	1.97e4	1.59e6	0.969	-3.1	1.24	bb
3	200601K1_3	2.50	0.77	NO	33.72	1.061	4.67e4	1.53e6	2.39	-4.4	1.22	MM
4	200601K1_4	50.0	0.76	NO	33.72	1.061	9.69e5	1.49e6	50.9	1.8	1.30	bd
5	200601K1_5	400	0.77	NO	33.72	1.061	8.63e6	1.60e6	422	5.5	1.35	bd
6	200601K1_6	1000	0.78	NO	33.72	1.061	2.16e7	1.66e6	1020	2.1	1.30	bd

Compound name: PCB-40  
 Response Factor: 0.802057  
 RRF SD: 0.0348124, Relative SD: 5.74902  
 Response type: Internal Std ( Ref 180 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.71	NO	33.94	1.069	2.03e3	1.44e6	0.235	-6.2	0.565	bb
2	200601K1_2	1.00	0.74	NO	33.94	1.069	9.28e3	1.59e6	0.967	-3.3	0.562	MM
3	200601K1_3	2.50	0.77	NO	33.94	1.068	2.17e4	1.53e6	2.36	-5.7	0.566	db
4	200601K1_4	50.0	0.77	NO	33.94	1.068	4.64e5	1.49e6	51.7	3.3	0.622	db
5	200601K1_5	400	0.77	NO	33.94	1.068	4.12e6	1.60e6	426	7.0	0.644	db
6	200601K1_6	1000	0.78	NO	33.94	1.068	1.05e7	1.66e6	1050	4.8	0.631	db

Compound name: PCB-57  
 Response Factor: 1.16294  
 RRF SD: 0.0605093, Relative SD: 5.20312  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Std. Conc.	RA	nty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
1	200601K1_1	0.250	0.79	NO	34.30	0.969	4.64e3	1.70e6	0.234	-6.4	1.09	bb
2	200601K1_2	1.00	0.74	NO	34.32	0.969	2.02e4	1.84e6	0.946	-5.4	1.10	bb

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**Compound name: PCB-57**

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

**Compound name: PCB-67**

Response Factor: 1.0841

RRF SD: 0.0420751, Relative SD: 3.8811

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

Curve type: RF

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

**Compound name: PCB-58**

Response Factor: 1.20403

RRF SD: 0.0834546, Relative SD: 6.93126

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

Curve type: RF

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



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

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.82	NO	34.91	0.988	4.33e3	1.70e6	0.237	-5.1	1.02	db
200601K1_2	1.00	0.75	NO	34.91	0.988	1.92e4	1.84e6	0.972	-2.8	1.04	dd
200601K1_3	2.50	0.79	NO	34.91	0.988	4.66e4	1.79e6	2.42	-3.2	1.04	db
200601K1_4	50.0	0.77	NO	34.91	0.988	9.31e5	1.73e6	50.1	0.2	1.07	db
200601K1_5	400	0.78	NO	34.91	0.988	8.42e6	1.84e6	427	6.8	1.14	db
200601K1_6	1000	0.77	NO	34.91	0.988	2.12e7	1.90e6	1040	4.1	1.12	db

Compound name: PCB-74  
 Response Factor: 1.18508  
 RRF SD: 0.0699946, Relative SD: 5.90632  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	0.82	NO	35.21	0.995	4.68e3	1.70e6	0.232	-7.3	1.10	bd
200601K1_2	1.00	0.74	NO	35.21	0.994	2.06e4	1.84e6	0.943	-5.7	1.12	MM
200601K1_3	2.50	0.74	NO	35.21	0.994	5.22e4	1.79e6	2.46	-1.8	1.16	MM
200601K1_4	50.0	0.77	NO	35.21	0.994	1.05e6	1.73e6	51.3	2.6	1.22	bd
200601K1_5	400	0.76	NO	35.21	0.994	9.38e6	1.84e6	430	7.6	1.28	bd
200601K1_6	1000	0.77	NO	35.21	0.994	2.36e7	1.90e6	1050	4.5	1.24	bd

Compound name: PCB-81/70  
 Response Factor: 1.05421  
 RRF SD: 0.062537, Relative SD: 5.9321  
 Response type: Internal Std ( Ref 181 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.500	0.86	NO	35.41	1.000	8.47e3	1.70e6	0.472	-5.7	0.994	MM
200601K1_2	2.00	0.78	NO	35.34	0.998	3.65e4	1.84e6	1.88	-5.8	0.993	MM

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

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

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

Response Factor: 1.16443

RRF SD: 0.0785507, Relative SD: 6.5741

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

Curve type: RF

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

**Compound name: PCB-80**

Response Factor: 1.18682

RRF SD: 0.0586291, Relative SD: 4.94003

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

Curve type: RF

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

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**Compound name: PCB-55**

Response Factor: 1.16899

RRF SD: 0.0699531, Relative SD: 5.98407

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

Curve type: RF

	Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.250	0.86	NO	36.18	1.009	4.80e3	1.75e6	0.235	-6.1	1.10	MM
2	200601K1_2	1.00	0.81	NO	36.18	1.010	2.10e4	1.87e6	0.959	-4.1	1.12	MM
3	200601K1_3	2.50	0.76	NO	36.18	1.010	5.16e4	1.86e6	2.37	-5.1	1.11	MM
4	200601K1_4	50.0	0.77	NO	36.18	1.010	1.07e6	1.79e6	51.0	2.1	1.19	MM
5	200601K1_5	400	0.77	NO	36.18	1.010	9.66e6	1.90e6	434	8.6	1.27	MM
6	200601K1_6	1000	0.77	NO	36.18	1.010	2.43e7	1.99e6	1050	4.8	1.22	MM

**Compound name: PCB-56/60**

Response Factor: 1.01793

RRF SD: 0.0552104, Relative SD: 5.42377

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

Curve type: RF

	Name	Std Conc	RA	ny	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
1	200601K1_1	0.500	0.85	NO	36.70	1.024	8.20e3	1.75e6	0.460	-8.0	0.937	MM
2	200601K1_2	2.00	0.78	NO	36.70	1.024	3.71e4	1.87e6	1.95	-2.7	0.991	MM
3	200601K1_3	5.00	0.78	NO	36.70	1.024	9.24e4	1.86e6	4.88	-2.4	0.993	bb
4	200601K1_4	100	0.77	NO	36.70	1.024	1.86e6	1.79e6	102	2.1	1.04	bb
5	200601K1_5	800	0.77	NO	36.70	1.024	1.86e7	1.90e6	859	7.3	1.09	bb
6	200601K1_6	2000	0.77	NO	36.70	1.024	4.19e7	1.99e6	2070	3.8	1.05	bb

**Compound name: PCB-79**

Response Factor: 1.13843

RRF SD: 0.0710526, Relative SD: 6.24129

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

Curve type: RF

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

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

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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

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

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**Compound name: PCB-77**

Response Factor: 1.13899

RRF SD: 0.0451791, Relative SD: 3.97357

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

Curve type: RF

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

**Compound name: PCB-104**

Response Factor: 1.12208

RRF SD: 0.11916, Relative SD: 10.6196

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

Curve type: RF

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

**Compound name: PCB-96**

Response Factor: 1.15383

RRF SD: 0.0979018, Relative SD: 8.48491

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

Curve type: RF

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

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**Compound name: PCB-96**

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

**Compound name: PCB-103**

Response Factor: 0.936494

RRF SD: 0.0702306, Relative SD: 7.49931

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

Curve type: RF

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

**Compound name: PCB-100**

Response Factor: 0.953574

RRF SD: 0.0599585, Relative SD: 6.28777

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

Curve type: RF

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

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**Compound name: PCB-94**

Response Factor: 0.948862

RRF SD: 0.0587427, Relative SD: 6.19086

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

Curve type: RF

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

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

Response Factor: 1.20445

RRF SD: 0.061353, Relative SD: 5.09384

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

Curve type: RF

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

**Compound name: PCB-83**

Response Factor: 0.935009

RRF SD: 0.088569, Relative SD: 9.47253

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

Curve type: RF

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

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**Compound name: PCB-83**

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

**Compound name: PCB-88/91**

Response Factor: 1.06482

RRF SD: 0.0420968, Relative SD: 3.95341

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

Curve type: RF

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

**Compound name: PCB-121**

Response Factor: 1.70958

RRF SD: 0.131372, Relative SD: 7.68456

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

Curve type: RF

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



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Compound name: PCB-84/92

Response Factor: 1.01774

RRF SD: 0.0662787, Relative SD: 6.51234

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

Curve type: RF

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

Compound name: PCB-89

Response Factor: 1.1051

RRF SD: 0.0694328, Relative SD: 6.28293

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

Curve type: RF

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

Compound name: PCB-90/101

Response Factor: 1.12263

RRF SD: 0.0479543, Relative SD: 4.27159

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

Curve type: RF

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

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Compound name: PCB-90/101

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

Compound name: PCB-113

Response Factor: 1.51404

RRF SD: 0.104163, Relative SD: 6.87979

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

Curve type: RF

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

Compound name: PCB-99

Response Factor: 1.32101

RRF SD: 0.111661, Relative SD: 8.45271

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

Curve type: RF

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

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Compound name: PCB-119

Response Factor: 1.80526

RRF SD: 0.0967589, Relative SD: 5.35982

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

Curve type: RF

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

Compound name: PCB-108/112

Response Factor: 1.44497

RRF SD: 0.091955, Relative SD: 6.36379

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

Curve type: RF

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

Compound name: PCB-83

Response Factor: 1.83179

RRF SD: 0.0986786, Relative SD: 5.387

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

Curve type: RF

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

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Compound name: PCB-83

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

Compound name: PCB-87

Response Factor: 1.28197

RRF SD: 0.0538988, Relative SD: 4.20437

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

Curve type: RF

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

Compound name: PCB-88

Response Factor: 1.11715

RRF SD: 0.0744773, Relative SD: 6.6667

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

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.47	NO	38.97	1.004	1.84e3	7.55e5	0.219	-12.8	0.977	dd
200601K1_2	1.00	1.82	NO	38.99	1.005	9.15e3	8.31e5	0.985	-1.5	1.10	dd
200601K1_3	2.50	1.83	NO	38.99	1.005	2.31e4	8.21e5	2.52	0.6	1.12	dd
200601K1_4	50.0	1.58	NO	38.99	1.005	4.60e5	7.95e5	51.8	3.6	1.16	dd
200601K1_5	400	1.57	NO	38.99	1.005	4.23e6	9.02e5	420	4.9	1.17	dd
200601K1_6	1000	1.55	NO	38.99	1.005	1.07e7	9.13e5	1050	4.9	1.17	dd

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Compound name: PCB-87/117/125

Response Factor: 1.55887

RRF SD: 0.10978, Relative SD: 7.04225

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

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.750	1.69	NO	39.10	1.008	8.41e3	7.55e5	0.714	-4.8	1.48	dd
200801K1_2	3.00	1.54	NO	39.12	1.008	3.56e4	8.31e5	2.74	-8.5	1.43	dd
200801K1_3	7.50	1.62	NO	39.12	1.008	9.10e4	8.21e5	7.11	-5.2	1.48	dd
200801K1_4	150	1.57	NO	39.12	1.008	1.92e6	7.95e5	155	3.4	1.61	dd
200801K1_5	1200	1.57	NO	39.12	1.008	1.82e7	9.02e5	1290	7.6	1.68	dd
200801K1_6	3000	1.57	NO	39.12	1.008	4.59e7	9.13e5	3220	7.5	1.68	dd

Compound name: PCB-111/115

Response Factor: 1.91042

RRF SD: 0.105925, Relative SD: 5.54456

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

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.58	NO	39.27	1.012	6.99e3	7.55e5	0.485	-3.1	1.85	dd
200801K1_2	2.00	1.41	NO	39.27	1.012	2.93e4	8.31e5	1.85	-7.6	1.77	dd
200801K1_3	5.00	1.62	NO	39.27	1.012	7.57e4	8.21e5	4.82	-3.5	1.84	dd
200801K1_4	100	1.57	NO	39.27	1.012	1.56e6	7.95e5	103	2.8	1.96	dd
200801K1_5	800	1.57	NO	39.27	1.012	1.46e7	9.02e5	847	5.8	2.02	dd
200801K1_6	2000	1.55	NO	39.28	1.013	3.69e7	9.13e5	2120	5.8	2.02	dd

Compound name: PCB-85/116

Response Factor: 1.41084

RRF SD: 0.0937905, Relative SD: 6.64783

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

Curve type: RF

Name	Std. Conc.	RA	Inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.500	1.72	NO	39.40	1.015	5.54e3	7.55e5	0.520	4.0	1.47	db
200801K1_2	2.00	1.42	NO	39.40	1.015	2.11e4	8.31e5	1.79	-10.3	1.27	dd

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Compound name: PCB-85/116

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

Compound name: PCB-120

Response Factor: 2.00504

RRF SD: 0.113682, Relative SD: 5.66984

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

Curve type: RF

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

Compound name: PCB-110

Response Factor: 1.74266

RRF SD: 0.0926364, Relative SD: 5.3158

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

Curve type: RF

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

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

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

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

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

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

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

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Compound name: PCB-107/109

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

Compound name: PCB-123

Response Factor: 1.19789

RRF SD: 0.0778787, Relative SD: 6.48483

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

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.66	NO	41.48	1.001	2.87e3	1.02e6	0.236	-5.7	1.13	db
200801K1_2	1.00	1.57	NO	41.48	1.001	1.21e4	1.11e6	0.917	-8.3	1.10	dd
200801K1_3	2.50	1.54	NO	41.48	1.001	3.25e4	1.12e6	2.43	-2.7	1.17	dd
200801K1_4	50.0	1.59	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	n/y	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	n/y	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	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.38	NO	41.80	1.130	1.28e3	6.57e5	0.245	-1.8	0.779	MM
200801K1_2	1.00	1.30	NO	41.81	1.131	5.44e3	7.35e5	0.932	-6.8	0.740	MM

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Compound name: PCB-140

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	1.30	NO	41.81	1.130	1.35e4	7.36e5	2.31	-7.4	0.735	db
200601K1_4	50.0	1.35	NO	41.81	1.130	2.88e5	7.19e5	50.5	0.9	0.801	db
200601K1_5	400	1.29	NO	41.81	1.130	2.70e6	7.88e5	431	7.9	0.856	db
200601K1_6	1000	1.32	NO	41.81	1.130	8.74e6	7.92e5	1070	7.3	0.851	db

Compound name: PCB-134/143

Response Factor: 0.758932

RRF SD: 0.0865715, Relative SD: 11.407

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

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.38	NO	42.26	0.975	3.74e3	1.21e6	0.408	-16.4	0.619	bb
200601K1_2	2.00	1.24	NO	42.26	0.975	1.80e4	1.26e6	1.88	-5.9	0.714	bb
200601K1_3	5.00	1.23	NO	42.26	0.975	4.77e4	1.30e6	4.84	-3.3	0.734	bb
200601K1_4	100	1.24	NO	42.26	0.974	1.01e6	1.25e6	107	6.8	0.809	bb
200601K1_5	800	1.22	NO	42.26	0.974	9.11e6	1.35e6	890	11.2	0.844	bb
200601K1_6	2000	1.24	NO	42.26	0.974	2.30e7	1.38e6	2200	9.8	0.833	bb

Compound name: PCB-131/133

Response Factor: 0.820779

RRF SD: 0.0843262, Relative SD: 10.2739

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

Curve type: RF

Name	Std Conc	RA	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.500	1.42	NO	42.57	0.982	4.18e3	1.21e6	0.420	-16.1	0.689	MM
200601K1_2	2.00	1.22	NO	42.57	0.982	1.97e4	1.26e6	1.90	-4.9	0.780	bd
200601K1_3	5.00	1.28	NO	42.57	0.982	5.11e4	1.30e6	4.79	-4.3	0.788	bd
200601K1_4	100	1.22	NO	42.57	0.981	1.08e6	1.25e6	105	5.3	0.885	bd
200601K1_5	800	1.22	NO	42.57	0.981	9.78e6	1.35e6	882	10.2	0.904	bd
200601K1_6	2000	1.23	NO	42.57	0.981	2.49e7	1.38e6	2190	9.7	0.901	bd



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

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Compound name: PCB-129  
 Response Factor: 0.866678  
 RRF SD: 0.0575829, Relative SD: 6.64409  
 Response type: Internal Std ( Ref 198 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.30	NO	45.54	1.012	2.07e3	1.00e6	0.239	-4.5	0.827	MM
200601K1_2	1.00	1.30	NO	45.54	1.012	9.27e3	1.11e6	0.968	-3.4	0.837	db
200601K1_3	2.50	1.28	NO	45.54	1.012	2.27e4	1.16e6	2.27	-9.2	0.787	db
200601K1_4	50.0	1.23	NO	45.54	1.012	4.97e5	1.07e6	53.4	6.8	0.926	db
200601K1_5	400	1.22	NO	45.54	1.012	4.35e6	1.18e6	426	6.6	0.923	db
200601K1_6	1000	1.22	NO	45.54	1.012	1.10e7	1.22e6	1040	3.8	0.900	db

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

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

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

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

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Compound name: PCB-150

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

Compound name: PCB-128/162

Response Factor: 0.907497

RRF SD: 0.0511425, Relative SD: 5.63556

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

Curve type: RF

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

Compound name: PCB-167

Response Factor: 1.10858

RRF SD: 0.0571768, Relative SD: 5.15766

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

Curve type: RF

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

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

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

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

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

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

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

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Compound name: PCB-169

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

Compound name: PCB-188

Response Factor: 1.28967

RRF SD: 0.0641497, Relative SD: 4.97412

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

Curve type: RF

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

Compound name: PCB-184

Response Factor: 1.23185

RRF SD: 0.0863042, Relative SD: 7.00722

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

Curve type: RF

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



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

Name	Std. Conc.	RA	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	0.250	1.00	NO	44.27	1.030	2.80e3	9.28e5	0.232	-7.0	1.21	MM
200801K1_2	1.00	1.00	NO	44.29	1.030	1.29e4	1.02e6	0.979	-2.1	1.27	MM
200801K1_3	2.50	1.10	NO	44.29	1.030	3.39e4	1.03e6	2.52	1.0	1.31	bb
200801K1_4	50.0	1.04	NO	44.29	1.030	6.78e5	1.01e6	51.4	2.8	1.33	bb
200801K1_5	400	1.04	NO	44.29	1.030	6.16e6	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	426	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	ri/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_3	2.50	1.07	NO	45.39	1.056	3.39e4	1.03e6	2.47	-1.3	1.31	bb
200801K1_4	50.0	1.02	NO	45.39	1.056	7.15e5	1.01e6	53.1	6.1	1.41	bb
200801K1_5	400	1.03	NO	45.39	1.056	6.42e6	1.13e6	426	6.5	1.42	bb
200801K1_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	ri/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.09	NO	45.88	1.067	1.99e3	9.28e5	0.227	-9.2	0.857	MM
200801K1_2	1.00	1.03	NO	45.90	1.088	9.96e3	1.02e6	1.04	3.9	0.980	bb
200801K1_3	2.50	1.02	NO	45.90	1.088	2.31e4	1.03e6	2.37	-5.2	0.894	bb
200801K1_4	50.0	1.03	NO	45.90	1.067	5.05e5	1.01e6	52.9	5.8	0.996	bb
200801K1_5	400	1.04	NO	45.90	1.067	4.43e6	1.13e6	414	3.4	0.975	bb
200801K1_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	ri/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.01	NO	46.24	1.076	2.15e3	9.26e5	0.242	-3.0	0.927	bd
200801K1_2	1.00	1.01	NO	46.24	1.076	9.07e3	1.02e6	0.934	-6.6	0.893	MM
200801K1_3	2.50	1.00	NO	46.26	1.076	2.45e4	1.03e6	2.47	-1.1	0.946	bd
200801K1_4	50.0	1.04	NO	46.26	1.076	5.06e5	1.01e6	52.2	4.5	0.999	bd
200801K1_5	400	1.04	NO	46.26	1.076	4.52e6	1.13e6	417	4.1	0.996	bd
200801K1_6	1000	1.04	NO	46.26	1.076	1.18e7	1.18e6	1020	2.1	0.977	bd

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Compound name: PCB-182/187

Response Factor: 1.06615

RRF SD: 0.0507133, Relative SD: 4.75669

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

Curve type: RF

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

Compound name: PCB-183

Response Factor: 1.02281

RRF SD: 0.0863349, Relative SD: 8.44093

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

Curve type: RF

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

Compound name: PCB-185

Response Factor: 1.40567

RRF SD: 0.0901625, Relative SD: 6.41419

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

Curve type: RF

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

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Compound name: PCB-185

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

Compound name: PCB-174

Response Factor: 1.35369

RRF SD: 0.0944983, Relative SD: 6.9808

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

Curve type: RF

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

Compound name: PCB-181

Response Factor: 1.47446

RRF SD: 0.117329, Relative SD: 7.9574

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

Curve type: RF

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

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

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

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

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

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

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

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Compound name: PCB-173

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

Compound name: PCB-172

Response Factor: 1.37524

RRF SD: 0.11268, Relative SD: 8.20798

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

Curve type: RF

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

Compound name: PCB-192

Response Factor: 1.82672

RRF SD: 0.139002, Relative SD: 7.60937

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

Curve type: RF

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

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

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.08	NO	49.71	1.000	1.80e3	6.16e5	0.207	-17.2	1.17	dd
200601K1_2	1.00	1.20	NO	49.71	1.000	9.48e3	6.54e5	1.03	2.7	1.45	dd
200601K1_3	2.50	1.02	NO	49.71	1.000	2.42e4	7.01e5	2.45	-2.0	1.38	dd
200601K1_4	50.0	1.03	NO	49.71	1.000	4.91e5	6.67e5	52.2	4.4	1.47	dd
200601K1_5	400	1.04	NO	49.71	1.000	4.47e6	7.40e5	428	7.0	1.51	dd
200601K1_6	1000	1.03	NO	49.71	1.000	1.16e7	7.81e5	1050	5.0	1.48	dd

Compound name: PCB-183  
 Response Factor: 1.67682  
 RRF SD: 0.0708905, Relative SD: 4.22768  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.18	NO	49.92	1.005	2.64e3	6.16e5	0.256	2.4	1.72	MM
200601K1_2	1.00	1.01	NO	49.92	1.005	1.06e4	6.54e5	0.963	-3.7	1.81	db
200601K1_3	2.50	0.99	NO	49.92	1.005	2.74e4	7.01e5	2.33	-6.8	1.56	MM
200601K1_4	50.0	1.03	NO	49.92	1.005	5.70e5	6.67e5	51.0	2.0	1.71	db
200601K1_5	400	1.04	NO	49.92	1.005	5.14e6	7.40e5	415	3.7	1.74	dd
200601K1_6	1000	1.03	NO	49.92	1.005	1.34e7	7.81e5	1030	2.5	1.72	db

Compound name: PCB-181  
 Response Factor: 1.71019  
 RRF SD: 0.0665243, Relative SD: 3.88988  
 Response type: Internal Std ( Ref 205 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	50.19	1.010	2.61e3	6.16e5	0.248	-1.0	1.69	MM
200601K1_2	1.00	1.08	NO	50.19	1.010	1.06e4	6.54e5	0.963	-3.7	1.85	MM

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**Compound name: PCB-191**

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

**Compound name: PCB-170**

Response Factor: 1.40071

RRF SD: 0.105718, Relative SD: 7.54749

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

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.10	NO	51.36	1.000	1.64e3	5.21e5	0.224	-10.3	1.26	MM
200601K1_2	1.00	0.97	NO	51.36	1.000	7.54e3	5.75e5	0.935	-6.5	1.31	MM
200601K1_3	2.50	1.08	NO	51.36	1.000	2.11e4	6.11e5	2.46	-1.4	1.38	MM
200601K1_4	50.0	1.04	NO	51.36	1.000	4.14e5	5.78e5	51.0	2.1	1.43	bd
200601K1_5	400	1.03	NO	51.36	1.000	3.73e6	6.11e5	438	9.0	1.53	bd
200601K1_6	1000	1.02	NO	51.36	1.000	9.85e6	6.57e5	1070	7.1	1.50	bd

**Compound name: PCB-190**

Response Factor: 1.85102

RRF SD: 0.142118, Relative SD: 7.67782

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

Curve type: RF

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



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Compound name: PCB-189  
 Response Factor: 1.4524  
 RRF SD: 0.0988417, Relative SD: 6.80541  
 Response type: Internal Std ( Ref 207 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

Compound name: PCB-202  
 Response Factor: 1.16825  
 RRF SD: 0.08292, Relative SD: 7.09778  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

Compound name: PCB-201  
 Response Factor: 1.05277  
 RRF SD: 0.0608949, Relative SD: 5.78427  
 Response type: Internal Std ( Ref 208 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

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Compound name: PCB-201

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_3	2.50	0.94	NO	49.10	1.010	1.98e4	7.88e5	2.47	-1.2	1.04		bd
200801K1_4	50.0	0.91	NO	49.10	1.010	4.10e5	7.74e5	50.3	0.7	1.06		bd
200801K1_5	400	0.92	NO	49.10	1.010	3.88e6	8.21e5	424	6.0	1.12		bd
200801K1_6	1000	0.91	NO	49.10	1.010	9.50e6	8.48e5	1070	6.6	1.12		bd

Compound name: PCB-204

Response Factor: 1.1409

RRF SD: 0.0887975, Relative SD: 7.78308

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_1	0.250	0.77	NO	49.24	1.014	1.83e3	6.72e5	0.238	-4.6	1.09		MM
200801K1_2	1.00	0.89	NO	49.28	1.014	8.01e3	7.55e5	0.930	-7.0	1.06		db
200801K1_3	2.50	0.82	NO	49.26	1.014	2.04e4	7.88e5	2.34	-6.5	1.07		db
200801K1_4	50.0	0.90	NO	49.26	1.014	4.36e5	7.74e5	49.4	-1.2	1.13		db
200801K1_5	400	0.91	NO	49.28	1.014	4.07e6	8.21e5	435	8.7	1.24		db
200801K1_6	1000	0.91	NO	49.26	1.014	1.07e7	8.48e5	1110	10.6	1.26		db

Compound name: PCB-197

Response Factor: 1.13263

RRF SD: 0.0852075, Relative SD: 7.52295

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200801K1_1	0.250	0.99	NO	49.58	1.021	1.89e3	6.72e5	0.248	-0.9	1.12		MM
200801K1_2	1.00	1.01	NO	49.58	1.020	7.47e3	7.55e5	0.874	-12.6	0.989		bb
200801K1_3	2.50	0.99	NO	49.58	1.020	2.16e4	7.88e5	2.49	-0.4	1.13		MM
200801K1_4	50.0	0.90	NO	49.58	1.020	4.31e5	7.74e5	49.2	-1.6	1.11		bb
200801K1_5	400	0.91	NO	49.58	1.020	4.00e6	8.21e5	431	7.7	1.22		bb
200801K1_6	1000	0.89	NO	49.58	1.020	1.03e7	8.48e5	1080	7.8	1.22		bb

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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	7.46e3	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	3.87e5	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	24.80	0.972	2.69e6	2.77e6	101	1.0	0.971	bb

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

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

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

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

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Compound name: 13C-PCB-32

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

Compound name: 13C-PCB-28

Response Factor: 1.06428

RRF SD: 0.0550204, Relative SD: 5.16973

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

Curve type: RF

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

Compound name: 13C-PCB-37

Response Factor: 0.989118

RRF SD: 0.0390859, Relative SD: 3.95159

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

Curve type: RF

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

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

Response Factor: 0.99939

RRF SD: 0.0146278, Relative SD: 1.46368

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

Curve type: RF

Name	Std. Conc.	RA	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	Int	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	100	0.79	NO	31.78	0.867	1.53e6	1.81e6	98.3	-1.7	0.843	bb
200601K1_4	100	0.78	NO	31.78	0.867	1.49e6	1.74e6	100	-0.0	0.857	bb
200601K1_5	100	0.78	NO	31.78	0.866	1.60e6	1.89e6	98.7	-1.3	0.846	bb
200601K1_6	100	0.78	NO	31.78	0.866	1.66e6	1.92e6	101	0.5	0.862	bb

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

Response Factor: 0.995775

RRF SD: 0.0166908, Relative SD: 1.67616

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

Curve type: RF

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

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

Response Factor: 1.02819

RRF SD: 0.0132281, Relative SD: 1.28654

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

Curve type: RF

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

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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

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

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Compound name: 13C-PCB-104

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

Compound name: 13C-PCB-95

Response Factor: 0.805195

RRF SD: 0.0178744, Relative SD: 2.19504

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

Curve type: RF

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

Compound name: 13C-PCB-101

Response Factor: 0.792577

RRF SD: 0.0148513, Relative SD: 1.84857

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

Curve type: RF

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

Dataset: U:\WG11.PRO\Results\200601K1\200601K1-CRVB.qld

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

Name	Std. Conc.	RA	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	1.58	NO	42.32	0.908	1.47e6	9.70e5	97.9	-2.1	1.51	bb
200801K1_4	100	1.58	NO	42.32	0.908	1.41e6	9.28e5	98.2	-1.8	1.52	bb
200801K1_5	100	1.59	NO	42.32	0.908	1.52e6	1.00e6	98.3	-1.7	1.52	bb
200801K1_6	100	1.58	NO	42.32	0.908	1.58e6	1.02e6	100	0.0	1.55	bb

**Compound name: 13C-PCB-105**

Response Factor: 1.57244

RRF SD: 0.0487805, Relative SD: 3.10222

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

Curve type: RF

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



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

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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	96.4	-3.8	1.51	bb
200801K1_6	100	1.56	NO	45.52	0.978	1.80e6	1.02e6	99.8	-0.2	1.56	bb

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

Response Factor: 0.614596

RRF SD: 0.0119449, Relative SD: 1.94354

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

Curve type: RF

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

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Compound name: 13C-PCB-155

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

Compound name: 13C-PCB-153

Response Factor: 1.36484

RRF SD: 0.0310875, Relative SD: 2.27774

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

Curve type: RF

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

Compound name: 13C-PCB-141

Response Factor: 1.12787

RRF SD: 0.0175764, Relative SD: 1.55838

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

Curve type: RF

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

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

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

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

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

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

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

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Compound name: 13C-PCB-167

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

Compound name: 13C-PCB-156

Response Factor: 1.39893

RRF SD: 0.0275437, Relative SD: 1.97173

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

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	48.37	1.038	1.16e6	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
200801K1_1	100	1.26	NO	50.90	1.092	1.12e6	8.47e5	99.2	-0.8	1.32	bb
200801K1_2	100	1.26	NO	50.90	1.092	1.19e6	9.25e5	96.3	-3.7	1.28	bb
200801K1_3	100	1.26	NO	50.90	1.092	1.33e6	9.70e5	103	3.1	1.37	bb
200801K1_4	100	1.26	NO	50.90	1.092	1.22e6	9.29e5	99.1	-0.9	1.32	bb
200801K1_5	100	1.25	NO	50.90	1.092	1.30e6	1.00e6	97.7	-2.3	1.30	bb
200801K1_6	100	1.27	NO	50.92	1.092	1.42e6	1.02e6	105	4.6	1.39	bb

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

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

Compound name: 13C-PCB-180  
 Response Factor: 0.928881  
 RRF SD: 0.0196492, Relative SD: 2.11536  
 Response type: Internal Std ( Ref 218 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

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

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

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Compound name: 13C-PCB-180

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_3	100	0.46	NO	49.69	1.070	7.01e5	7.29e5	103	3.4	0.961	bd
200801K1_4	100	0.46	NO	49.69	1.070	6.87e5	7.30e5	98.4	-1.6	0.914	bb
200801K1_5	100	0.45	NO	49.69	1.070	7.40e5	8.04e5	99.1	-0.9	0.920	bb
200801K1_6	100	0.45	NO	49.69	1.070	7.81e5	8.32e5	101	1.1	0.939	bb

Compound name: 13C-PCB-170

Response Factor: 0.794323

RRF SD: 0.024833, Relative SD: 3.12632

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

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.45	NO	51.36	1.106	5.21e5	6.60e5	99.4	-0.6	0.789	bb
200801K1_2	100	0.44	NO	51.36	1.106	5.75e5	7.21e5	100	0.4	0.798	bb
200801K1_3	100	0.45	NO	51.36	1.106	6.11e5	7.29e5	105	5.4	0.837	bb
200801K1_4	100	0.46	NO	51.36	1.106	5.78e5	7.30e5	99.8	-0.2	0.793	bb
200801K1_5	100	0.46	NO	51.36	1.106	6.11e5	8.04e5	95.7	-4.3	0.760	bb
200801K1_6	100	0.46	NO	51.36	1.106	6.57e5	8.32e5	99.3	-0.7	0.789	bb

Compound name: 13C-PCB-189

Response Factor: 1.04459

RRF SD: 0.0359944, Relative SD: 3.44577

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

Curve type: RF

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

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

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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	n/y	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	n/y	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.88	NO	54.70	0.995	6.54e5	6.59e5	99.2	-0.8	0.762	bb
200601K1_2	100	0.90	NO	54.70	0.995	6.72e5	6.91e5	98.2	-1.8	0.754	bb
200601K1_3	100	0.89	NO	54.70	0.995	7.55e5	9.85e5	99.9	-0.1	0.767	bb
200601K1_4	100	0.89	NO	54.70	0.995	6.85e5	6.96e5	99.3	-0.7	0.763	bb
200601K1_5	100	0.90	NO	54.70	0.995	7.19e5	9.37e5	99.9	-0.1	0.787	bb
200601K1_6	100	0.90	NO	54.70	0.995	8.07e5	1.01e6	104	3.6	0.796	bb

Compound name: 13C-PCB-208

Response Factor: 0.990772

RRF SD: 0.01981, Relative SD: 1.97926

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

Curve type: RF

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

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

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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	Qty	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	Qty	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	Qty	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	1.87e6	102	2.2	1.09	bb
200801K1_2	100	0.80	NO	37.78	1.030	1.92e6	1.82e6	96.7	-1.3	1.06	bb

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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  
 Printed: Tuesday, June 02, 2020 11:15:31 Pacific Daylight Time

Compound name: 13C-PCB-178  
 Response Factor: 0.786471  
 RRF SD: 0.0163291, Relative SD: 2.13043  
 Response type: Internal Std ( Ref 217 ), Area \* ( IS Conc. / IS Area )  
 Curve type: RF

	Name	Int. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.48	NO	45.87	0.923	6.59e5	6.16e5	102	1.8	1.07	bb
2	200801K1_2	100	0.45	NO	45.87	0.923	7.16e5	6.54e5	104	4.2	1.10	bb
3	200801K1_3	100	0.44	NO	45.88	0.923	7.23e5	7.01e5	98.2	-1.8	1.03	bb
4	200801K1_4	100	0.48	NO	45.88	0.923	7.30e5	6.67e5	104	4.2	1.10	bb
5	200801K1_5	100	0.44	NO	45.88	0.923	7.55e5	7.40e5	97.2	-2.8	1.02	bb
6	200801K1_6	100	0.45	NO	45.88	0.923	7.75e5	7.81e5	94.4	-5.8	0.992	bb

Dataset: Untitled

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

Printed: Tuesday, June 02, 2020 10:33:52 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209\_ZB1\_6-1-20.mdb 02 Jun 2020 10:36:07

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

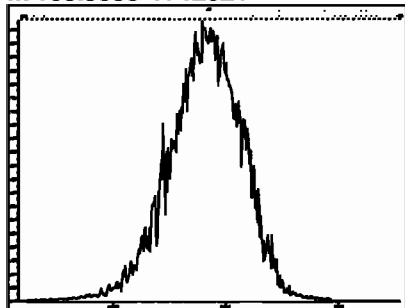
Compound name: PCB-1

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

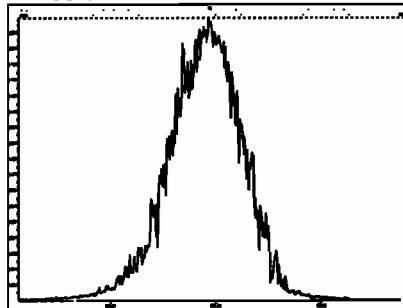
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Printed: Monday, June 01, 2020 12:03:14 Pacific Daylight Time

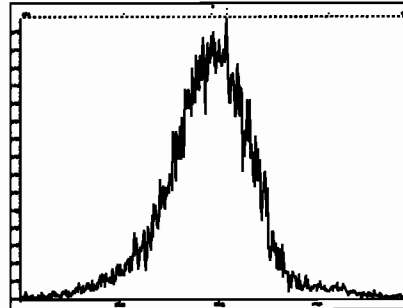
M 168.9888 R 12021



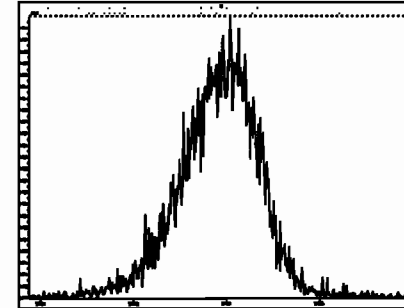
M 180.9888 R 11414



M 192.9888 R 10041



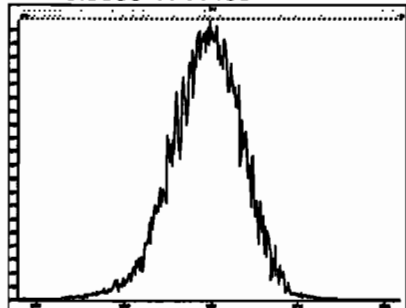
M 204.9888 R 12498



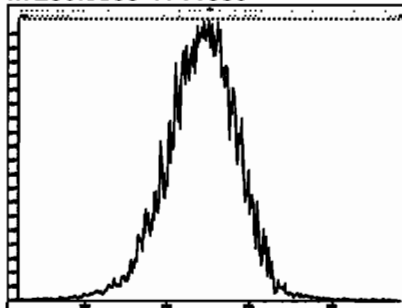
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Printed: Monday, June 01, 2020 12:03:55 Pacific Daylight Time

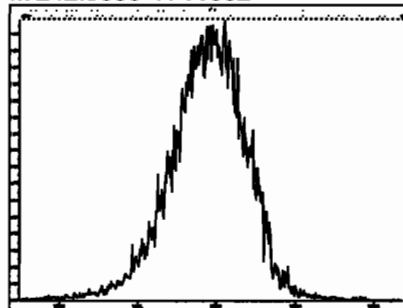
M 218.9856 R 11468



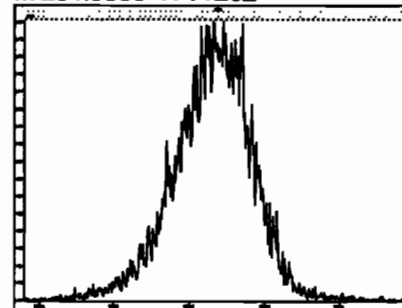
M 230.9856 R 11680



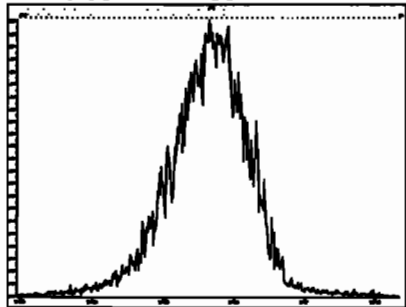
M 242.9856 R 11682



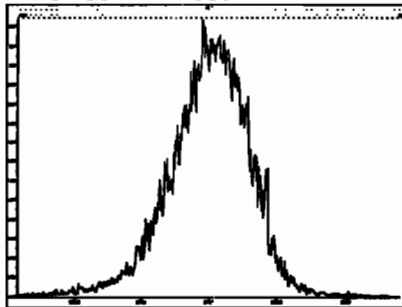
M 254.9856 R 11262



M 268.9824 R 11361



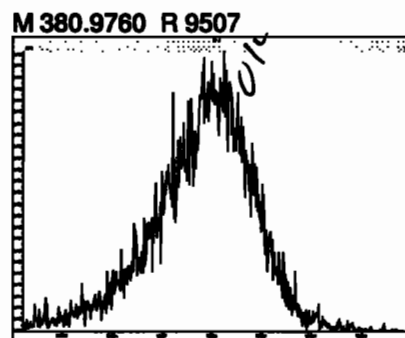
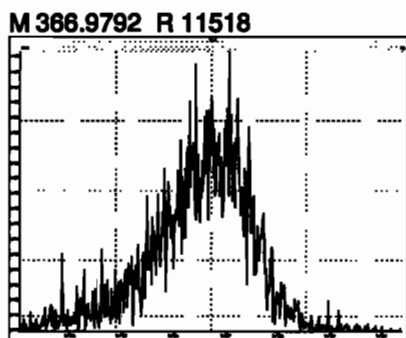
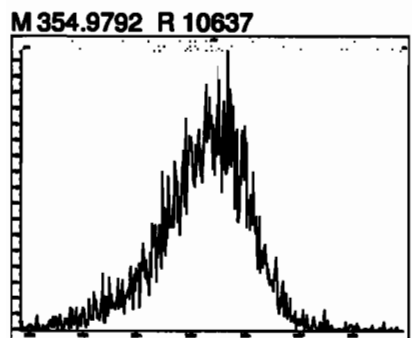
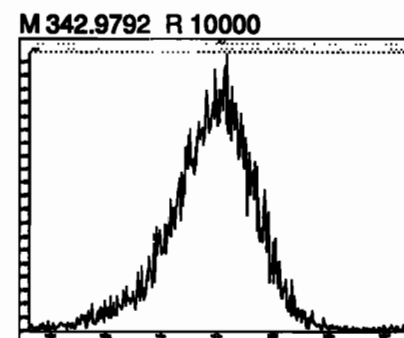
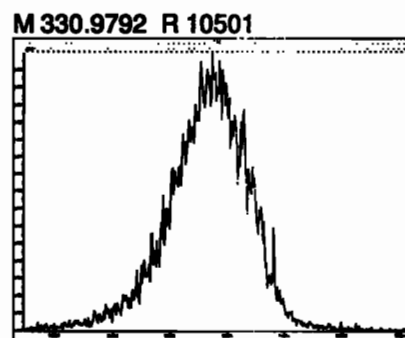
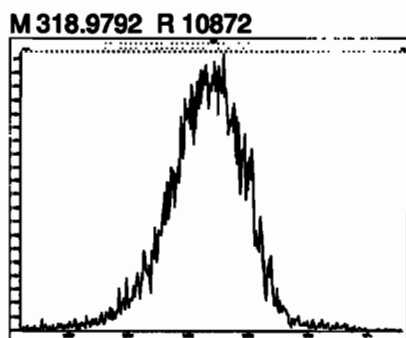
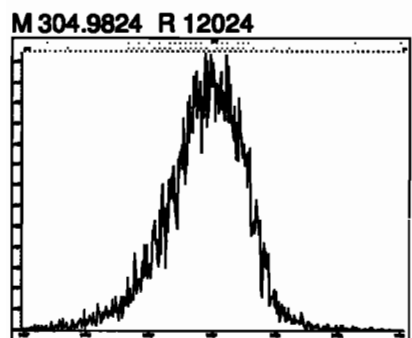
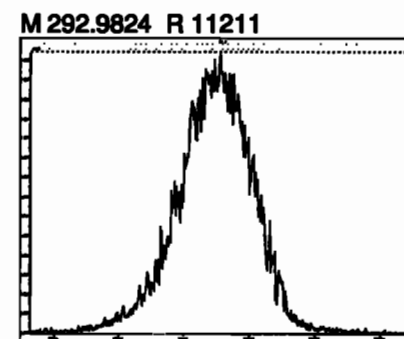
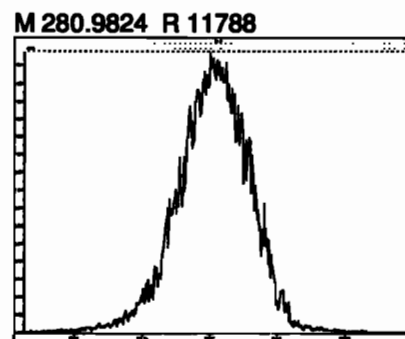
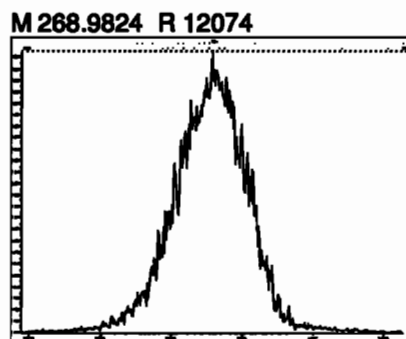
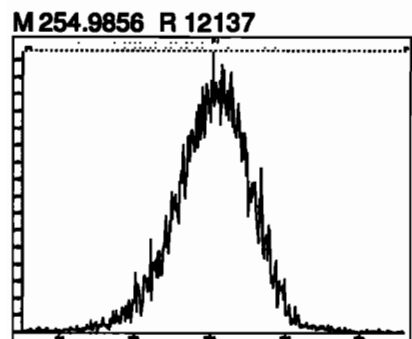
M 280.9824 R 10634





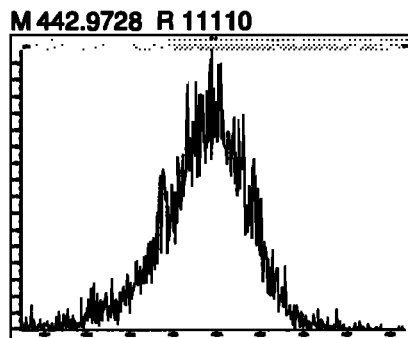
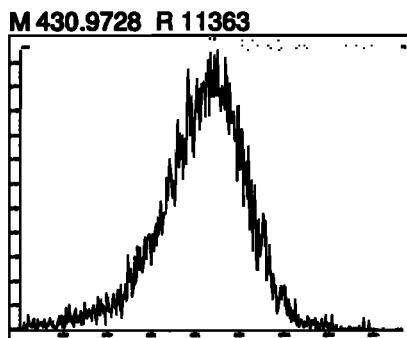
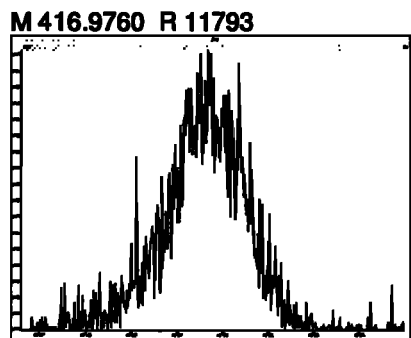
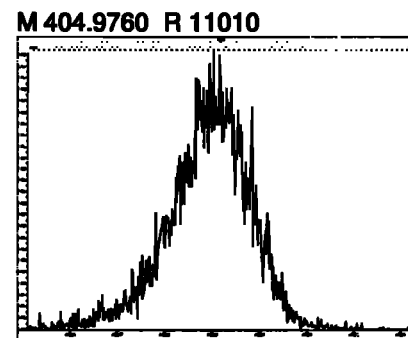
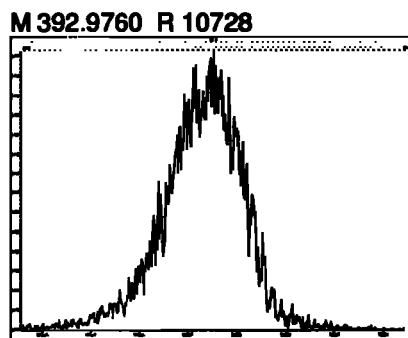
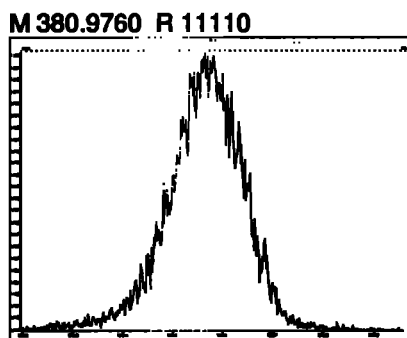
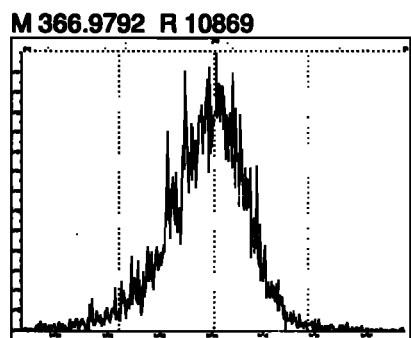
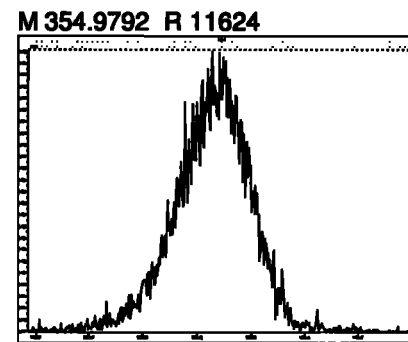
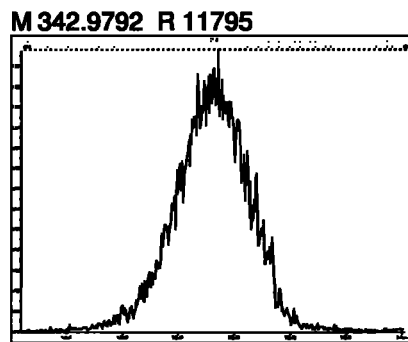
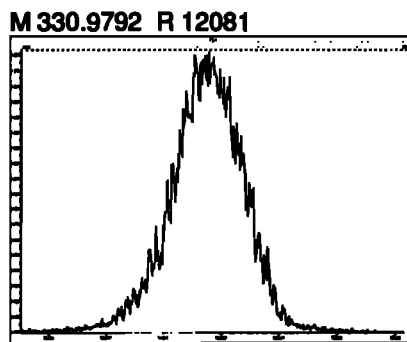
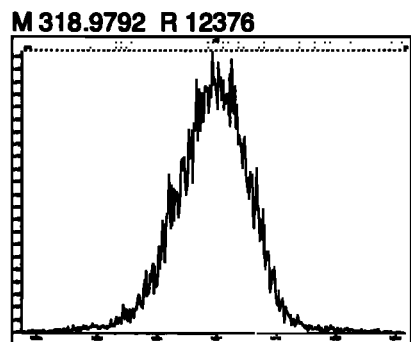
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Printed: Monday, June 01, 2020 12:06:35 Pacific Daylight Time



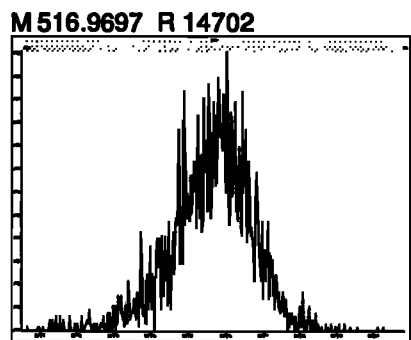
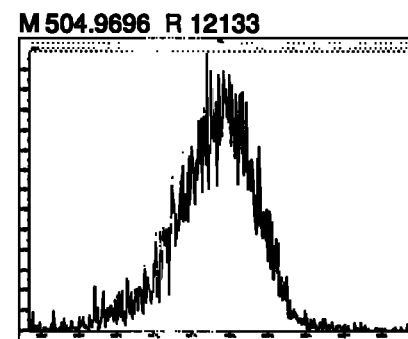
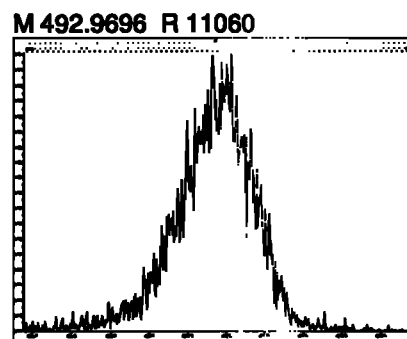
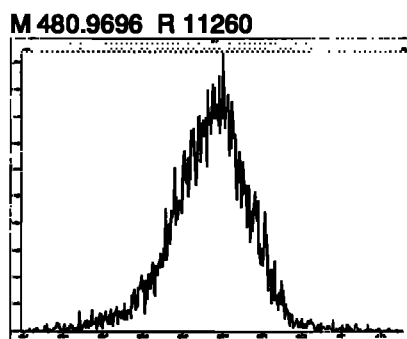
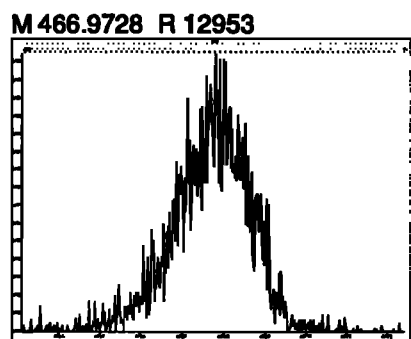
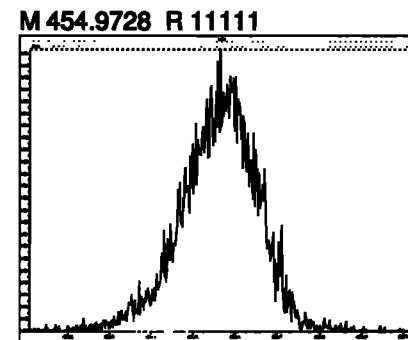
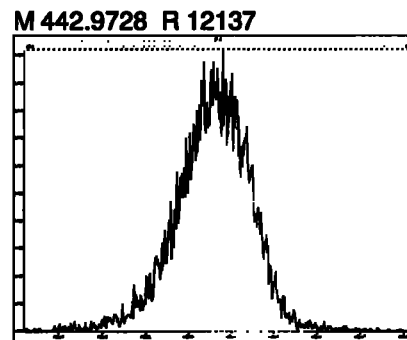
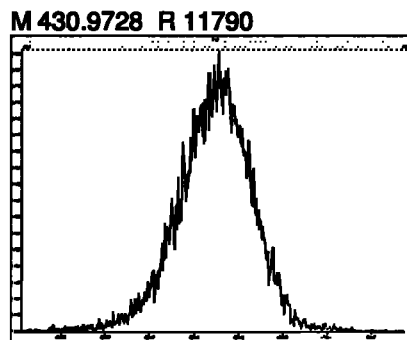
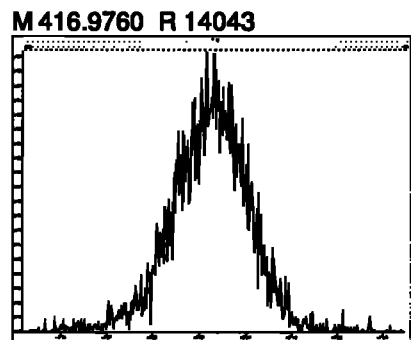
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File: Experiment: PCB\_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

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



Dataset: Untitled

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

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

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

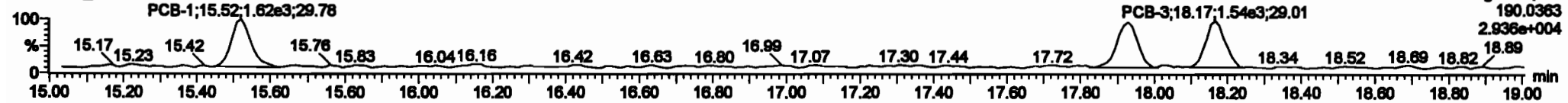
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PCB-1

200601K1\_1



200601K1\_1

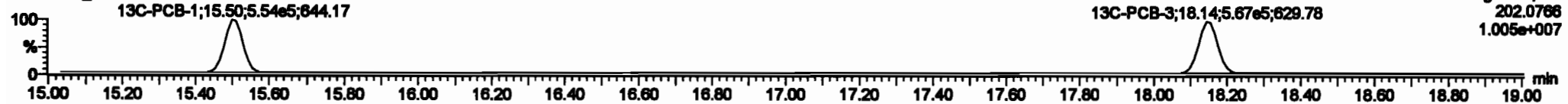


13C-PCB-1

200601K1\_1

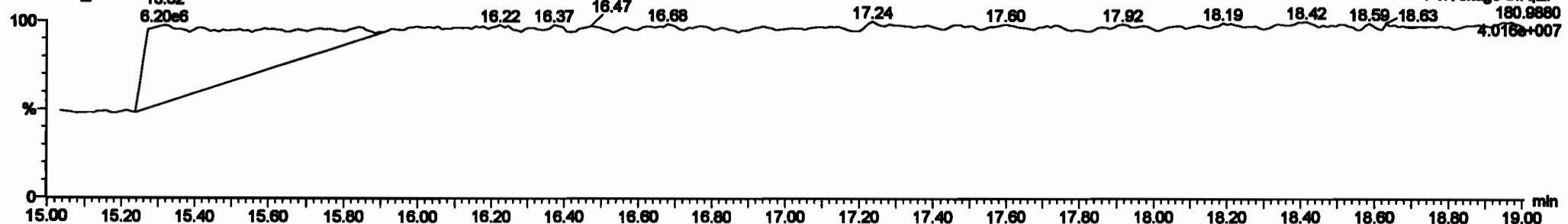


200601K1\_1



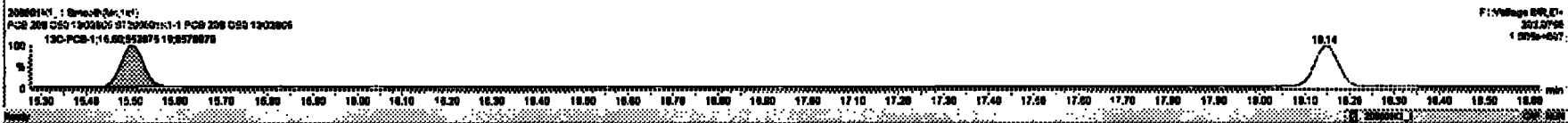
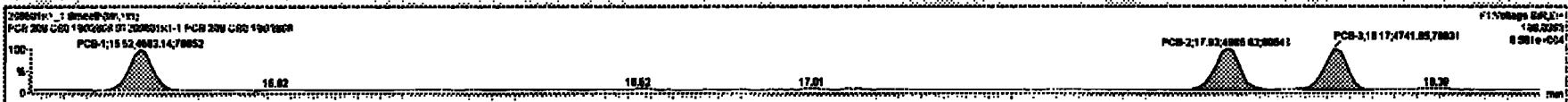
PFK1

200601K1\_1



ID	NAME	PCB	AREA	OFF	CONC	CONC	PCB	AREA	OFF	CONC	CONC	PCB	AREA	OFF	CONC	CONC	PCB	AREA	OFF	CONC	CONC	
216	13C-PCB-40	1.89e6	0.76	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0	100	0.0000								
216	13C-PCB-411	1.89e6	1.02	NO	1.0000	1.000	30.26	30.26	1.000	0.000	NO	100.0	100	0.0016								
217	13C-PCB-439	0.47e6	1.28	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0	100	0.0004								
218	13C-PCB-402	0.80e6	0.48	NO	1.0000	1.000	40.43	40.43	0.000	0.000	NO	100.0	100	0.0010								
218	13C-PCB-205	0.80e6	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	1.89e6	0.76	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	100.0	100	0.0007								
221	13C-PCB-170	0.80e6	0.48	NO	0.7000	1.000	40.00	40.00	0.000	0.000	NO	101.5	101	0.0000								
222	13C-PCB-70	1.89e6	0.76	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.5	102	0.0000								
223	13C-PCB-170	0.80e6	0.48	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	101.0	100	0.0002								
224	13C-PCB-70	1.89e6	0.76	NO	1.0000	1.000	37.70	37.70	0.000	0.000	NO	101.0	100	0.0000								
225	13C-PCB-170	0.80e6	0.48	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	101.0	100	0.0000								
226	Total PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	2.00%		0.270	2.07%							
227	Total PCBs 14 PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	1.00%		0.104	1.00%							

ID	NAME	PCB	AREA	OFF	CONC	CONC	PCB	AREA	OFF	CONC	CONC	PCB	AREA	OFF	CONC	CONC
1	PCB-1	15.52	16.82	4.00e6	1.57e6	9.100	2.00	NO	0.20000	0.22000						
2	PCB-2	17.20	17.80	4.00e6	1.00e6	5.100	5.10	NO	0.20100	0.20077						
3	PCB-3	18.17	18.17	4.70e6	1.60e6	5.100	3.00	NO	0.22700	0.22000						

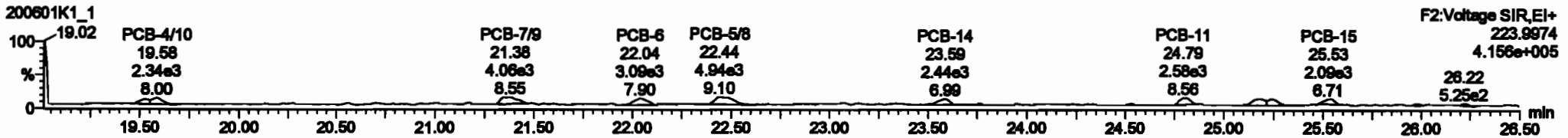
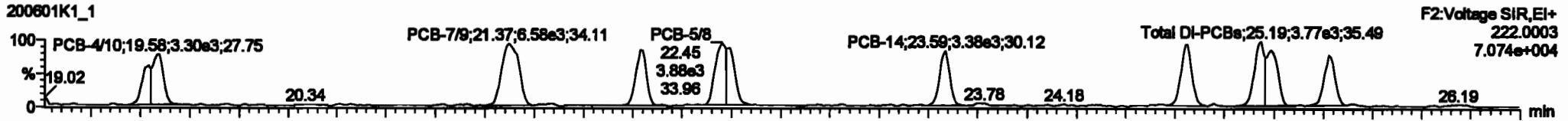


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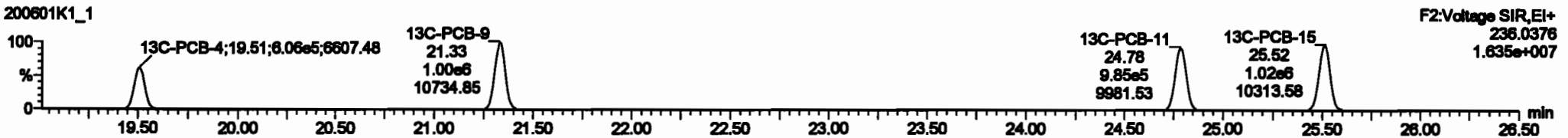
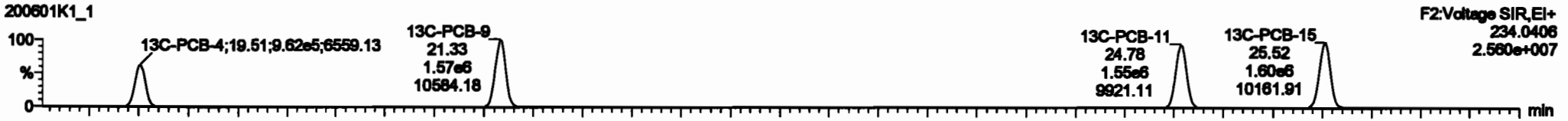
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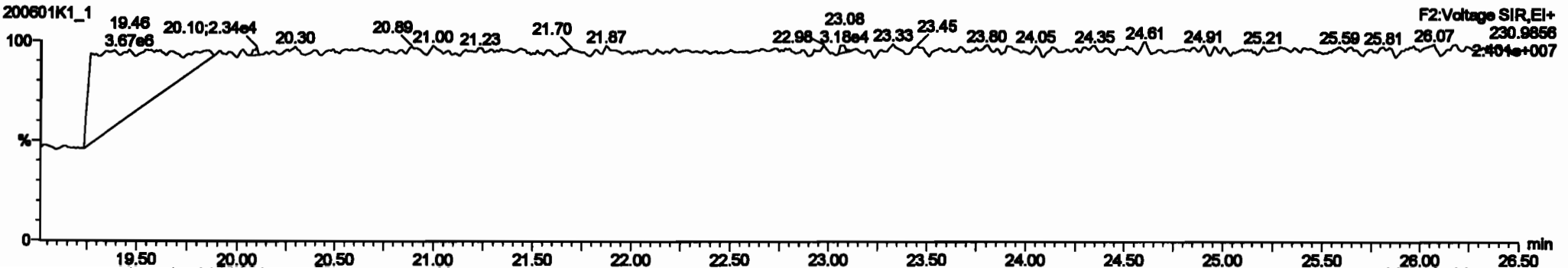
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**13C-PCB-4**

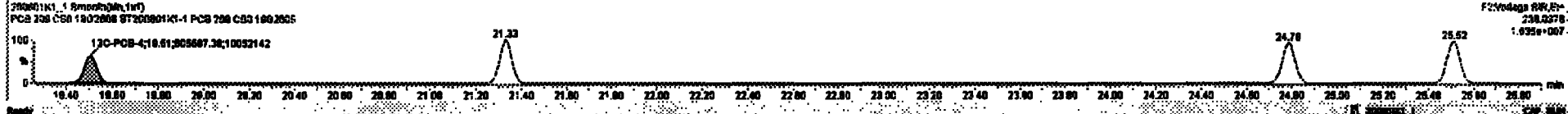
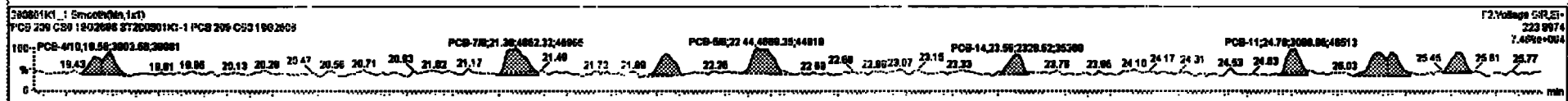
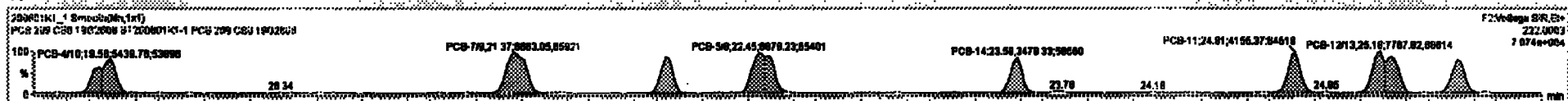


**PFK2a**



PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
216	13C-PCB-66	1.67e6	0.78	NO	1.0000	1.000	38.88	36.86	1.000	0.000	NO	100.0	100	0.0826		
216	13C-PCB-111	1.67e6	1.82	NO	1.0000	1.000	38.25	36.25	1.000	0.000	NO	100.0	100	0.0915		
217	13C-PCB-128	6.47e6	1.26	NO	1.0000	1.000	46.80	46.80	1.000	0.000	NO	100.0	100	0.0884		
218	13C-PCB-162	6.89e6	0.46	NO	1.0000	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.0816		
218	13C-PCB-206	6.89e6	0.80	NO	1.0000	1.000	64.98	64.98	1.000	0.000	NO	100.0	100	0.140		
220	13C-PCB-78	1.83e6	0.78	NO	1.0000	1.000	37.78	37.78	1.000	1.030	NO	102.2	102	0.0887		
221	13C-PCB-178	6.89e6	0.46	NO	0.7896	1.000	46.87	46.87	0.888	0.888	NO	101.6	101	0.0828		
222	13C-PCB-78	1.83e6	0.78	NO	1.0021	1.000	37.78	37.78	0.998	0.998	NO	102.6	102	0.0888		
223	13C-PCB-178	6.89e6	0.46	NO	1.0028	1.000	46.87	46.87	0.923	0.923	NO	101.8	102	0.0852		
224	Total Micro-PCBs				1.5885	1.000	0.00	0.00		0.000	NO	0.000	0.00	0.0000		0.8830
225	Total PCBs															1.000
226	Total Fraction TMPCBs				1.8837	1.000	0.00	0.00		0.000	NO	1.838		0.404		1.828

PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB	PCB
4	PCB-478	18.88	18.88	5.44e3	1.88e3	1.880	1.26	NO	0.47700	0.4774						
5	PCB-78	21.28	21.27	6.88e3	4.88e3	1.880	1.37	NO	0.46700	0.46883						
6	PCB-9	22.08	22.04	3.78e3	2.78e3	1.880	1.26	NO	0.24880	0.24822						
7	PCB-58	22.44	22.45	6.87e3	4.88e3	1.880	1.47	NO	0.46200	0.46247						
8	PCB-14	23.88	23.88	3.47e3	2.32e3	1.880	1.48	NO	0.22880	0.22843						
9	PCB-11	24.80	24.81	4.18e3	3.08e3	1.880	1.34	NO	0.26400	0.26438						
10	PCB-1283	26.28	26.18	7.78e3	6.78e3	1.880	1.38	NO	0.81880	0.81880						
11	PCB-15	26.64	26.53	3.52e3	2.51e3	1.880	1.48	NO	0.23100	0.23088						

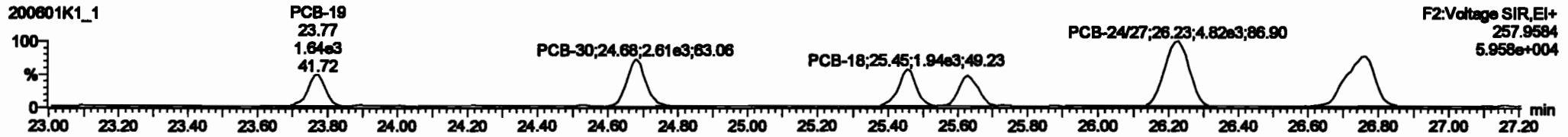
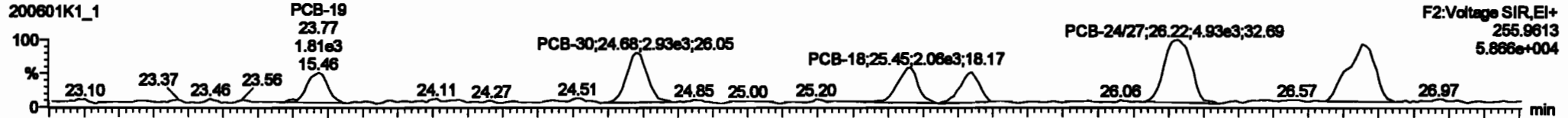


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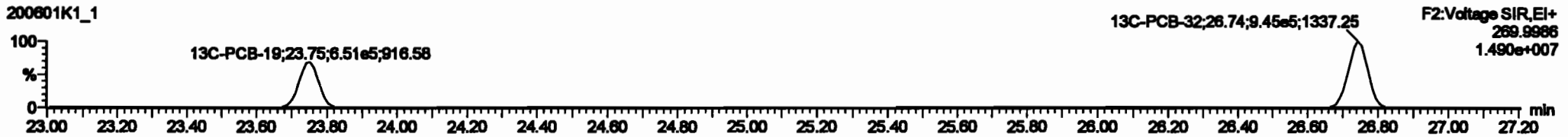
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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

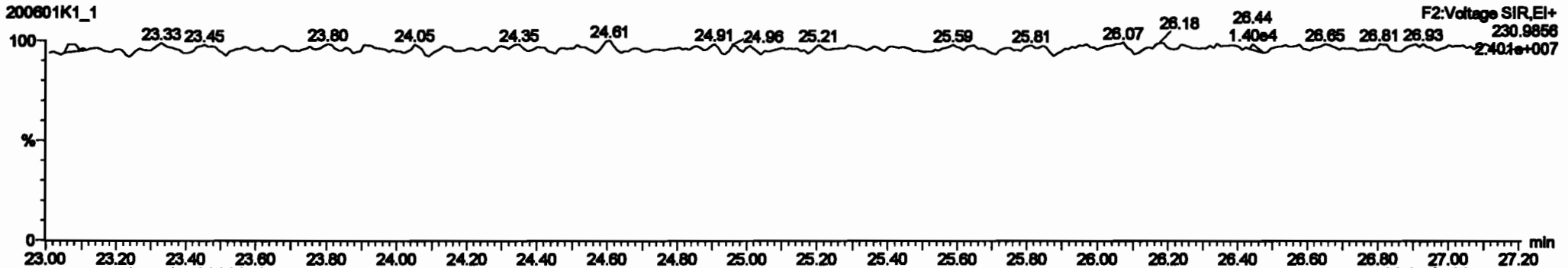
**PCB-19**



**13C-PCB-19**



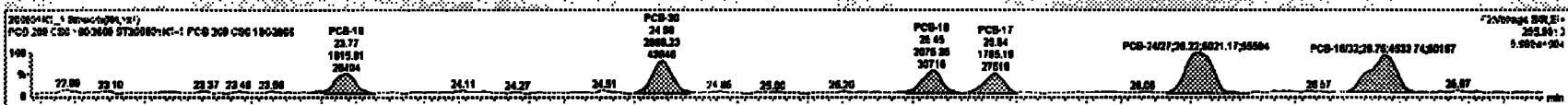
**PFK2b**





Peak	Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
216	13C-PCB-19	1.87e6	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	1.09e6	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	0.67e6	1.20	NO	1.0000	1.000	40.00	40.00	1.000	0.000	NO	100.0	100	0.0004			
218	13C-PCB-167	0.95e6	0.40	NO	1.0000	1.000	40.40	40.40	0.000	0.000	NO	100.0	100	0.0010			
218	13C-PCB-205	0.89e6	0.80	NO	1.0000	1.000	80.80	80.80	1.000	0.000	NO	100.0	100	0.140			
220	13C-PCB-79	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	1.000	1.000	NO	100.0	100	0.0007			
221	13C-PCB-176	0.40e6	0.40	NO	0.7000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000			
222	13C-PCB-79	1.00e6	0.70	NO	1.0000	1.000	27.70	27.70	0.000	0.000	NO	100.0	100	0.0000			
223	13C-PCB-176	0.40e6	0.40	NO	1.0000	1.000	40.00	40.00	0.000	0.000	NO	100.0	100	0.0000			
224	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO			0.0040	0.0000		
225	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO			0.070	0.000		
226	Total Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO			0.000	0.000		

Peak	Time	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
13	PCB-18	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-18	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-2427	20.20	20.22	5.00e6	4.00e6	1.000	1.01	NO	0.07000	0.07000			
17	PCB-1832	20.70	20.70	4.00e6	4.00e6	1.000	1.07	NO	0.00100	0.00101			

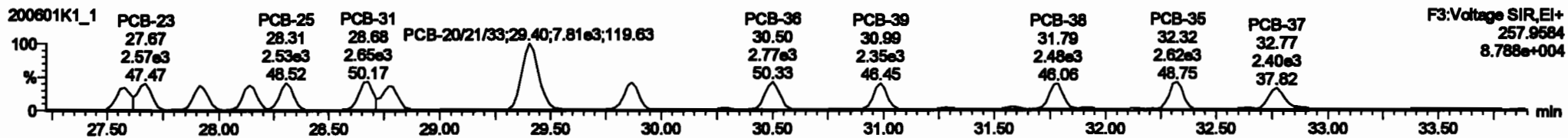
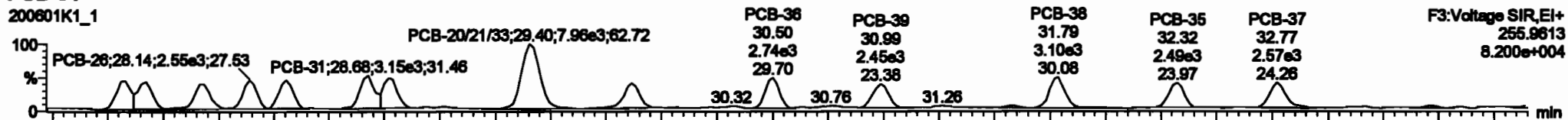


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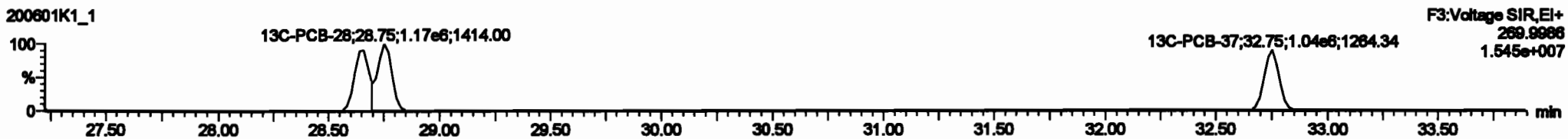
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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

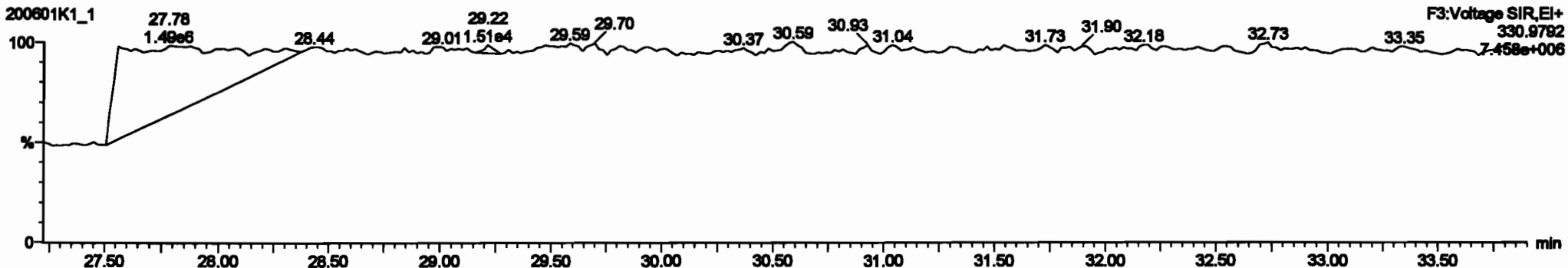
**PCB-34**



**13C-PCB-28**

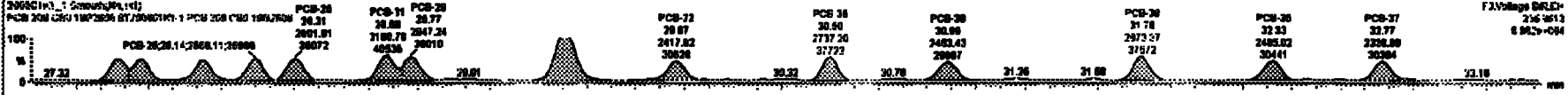


**PFK3d**



PCB	PCB-28	PCB-31	PCB-38	PCB-39	PCB-72	PCB-88	PCB-98	PCB-20	PCB-35	PCB-37
228	1.0719	1.000	0.00	0.000	NO	0.017	0.267	0.917		
229	1.2157	1.000	0.00	0.000	NO	0.000	0.318	0.000		
230	1.0725	1.000	0.00	0.000	NO	1.148	0.000	1.148		
231	0.0000	1.000	0.00	0.000	NO	3.400	0.160	3.400		
232	1.0218	1.000	0.00	0.000	NO	0.401	0.180	0.401		
233	1.3091	1.000	0.00	0.000	NO	0.000	0.228	0.000		
234	1.0000	1.000	0.00	0.000	NO	2.100	0.0714	2.100		
235	1.1400	1.000	0.00	0.000	NO	0.7210	0.0207	0.7210		
236	0.0000	1.000	0.00	0.000	NO	0.7101	0.0000	0.7100		
237	0.0004	1.000	0.00	0.000	NO	0.2300	0.0000	0.2300		
238										

PCB	PCB-28	PCB-31	PCB-38	PCB-39	PCB-72	PCB-88	PCB-98	PCB-20	PCB-35	PCB-37
10	27.88	27.88	2.0288	2.2008	1.000	1.14	NO	0.21100	0.21002	
11	27.88	27.87	2.0140	2.0143	1.000	1.00	NO	0.20000	0.20000	
20	27.81	27.81	2.0000	2.2000	1.000	1.11	NO	0.20000	0.20000	
21	28.14	28.14	2.0000	2.4000	1.000	1.00	NO	0.20000	0.20000	
22	28.20	28.20	2.0000	2.4000	1.000	1.13	NO	0.20000	0.20000	
23	28.00	28.00	2.0000	2.0000	1.000	1.10	NO	0.20000	0.20000	
24	28.77	28.77	2.0000	2.0000	1.000	1.17	NO	0.21000	0.21000	
25	28.41	28.40	2.0000	2.0000	1.000	1.00	NO	0.00000	0.00000	
26	28.00	28.00	2.0000	2.0000	1.000	0.01	NO	0.21000	0.21000	

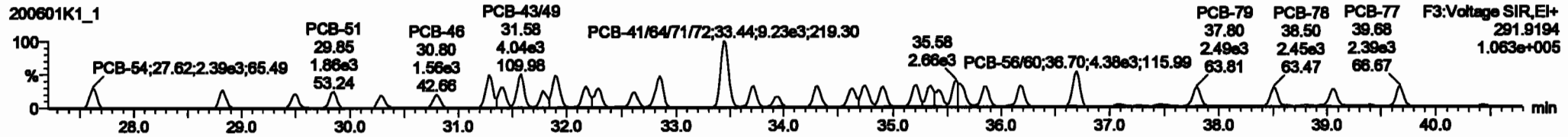
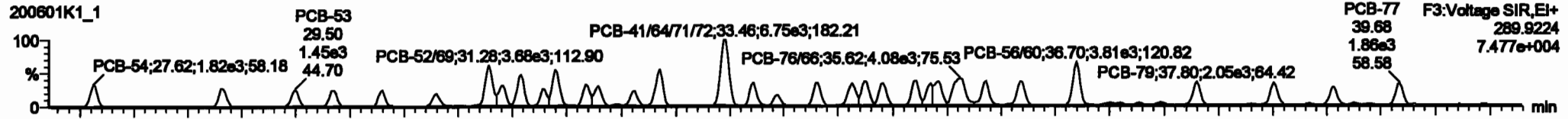


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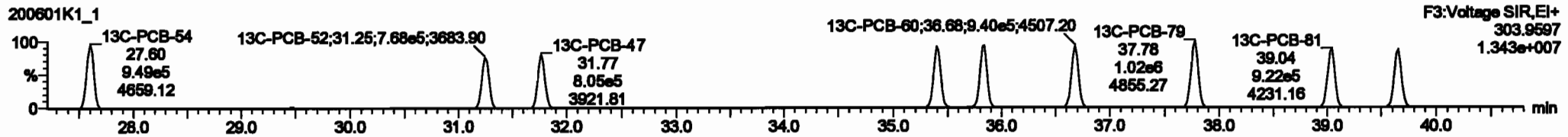
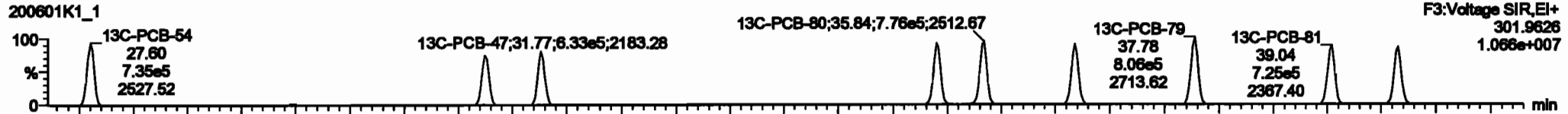
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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

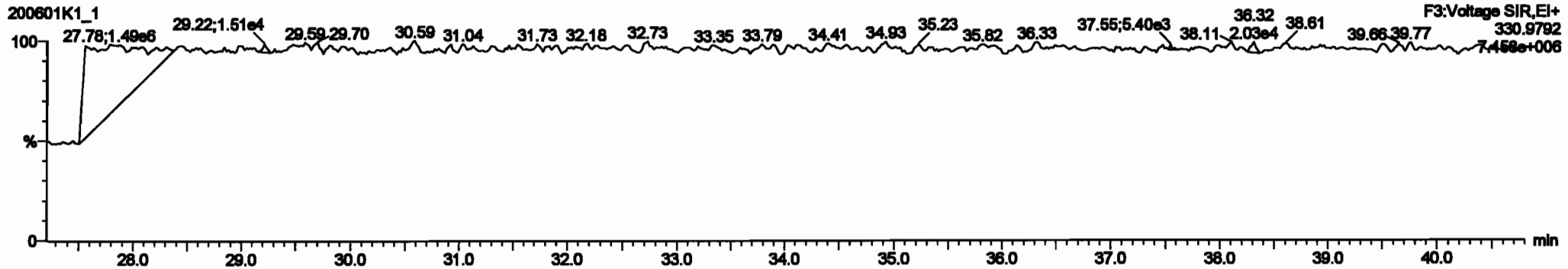
PCB-54



13C-PCB-54



PFK3a



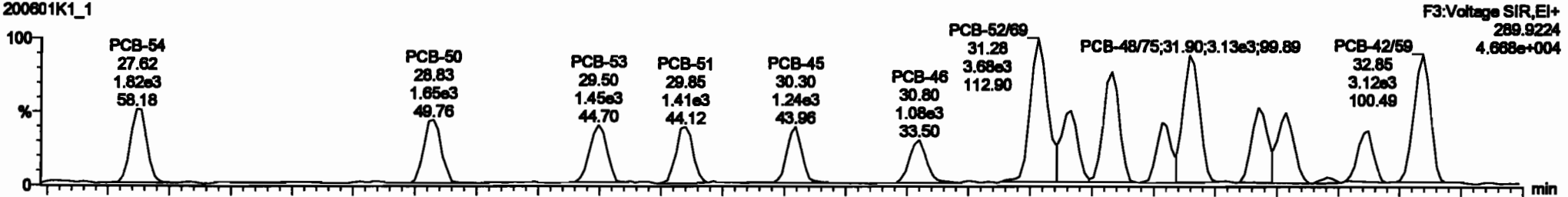
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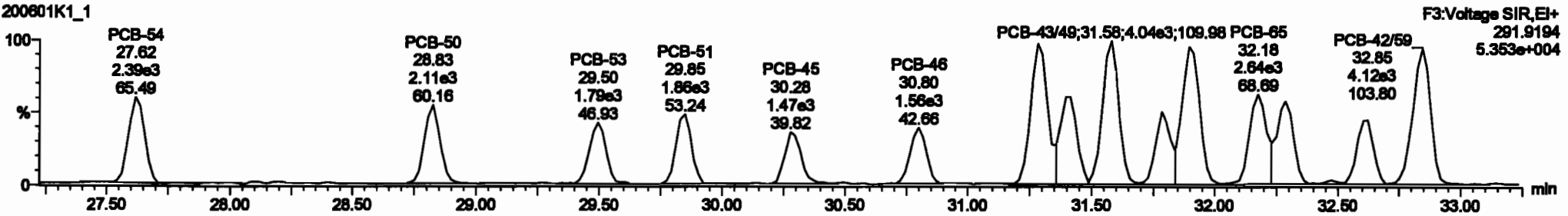
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PCB-50

200601K1\_1

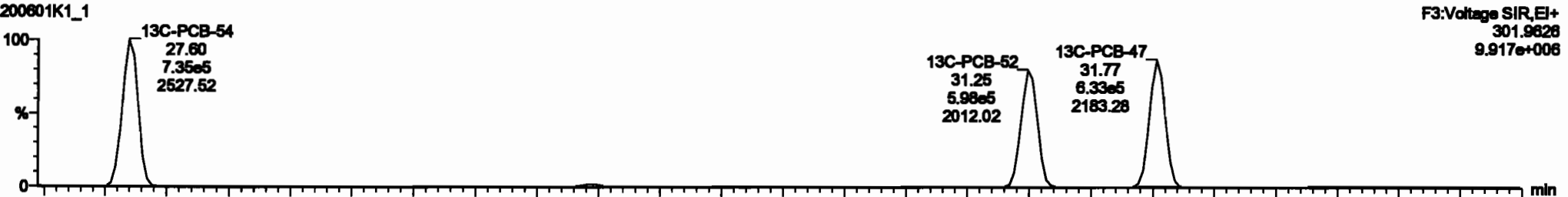


200601K1\_1

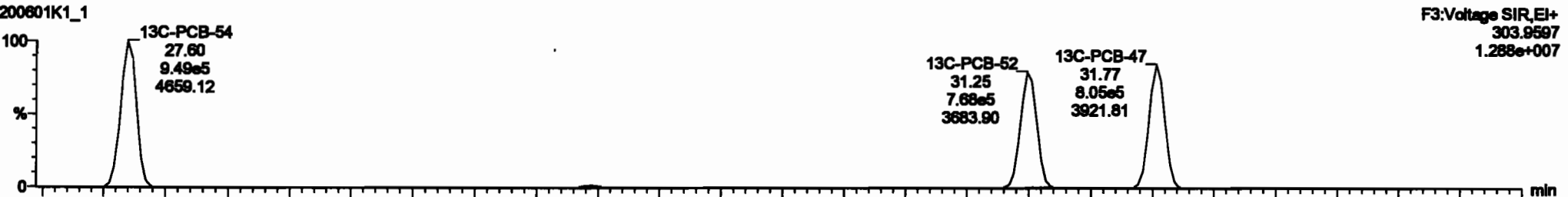


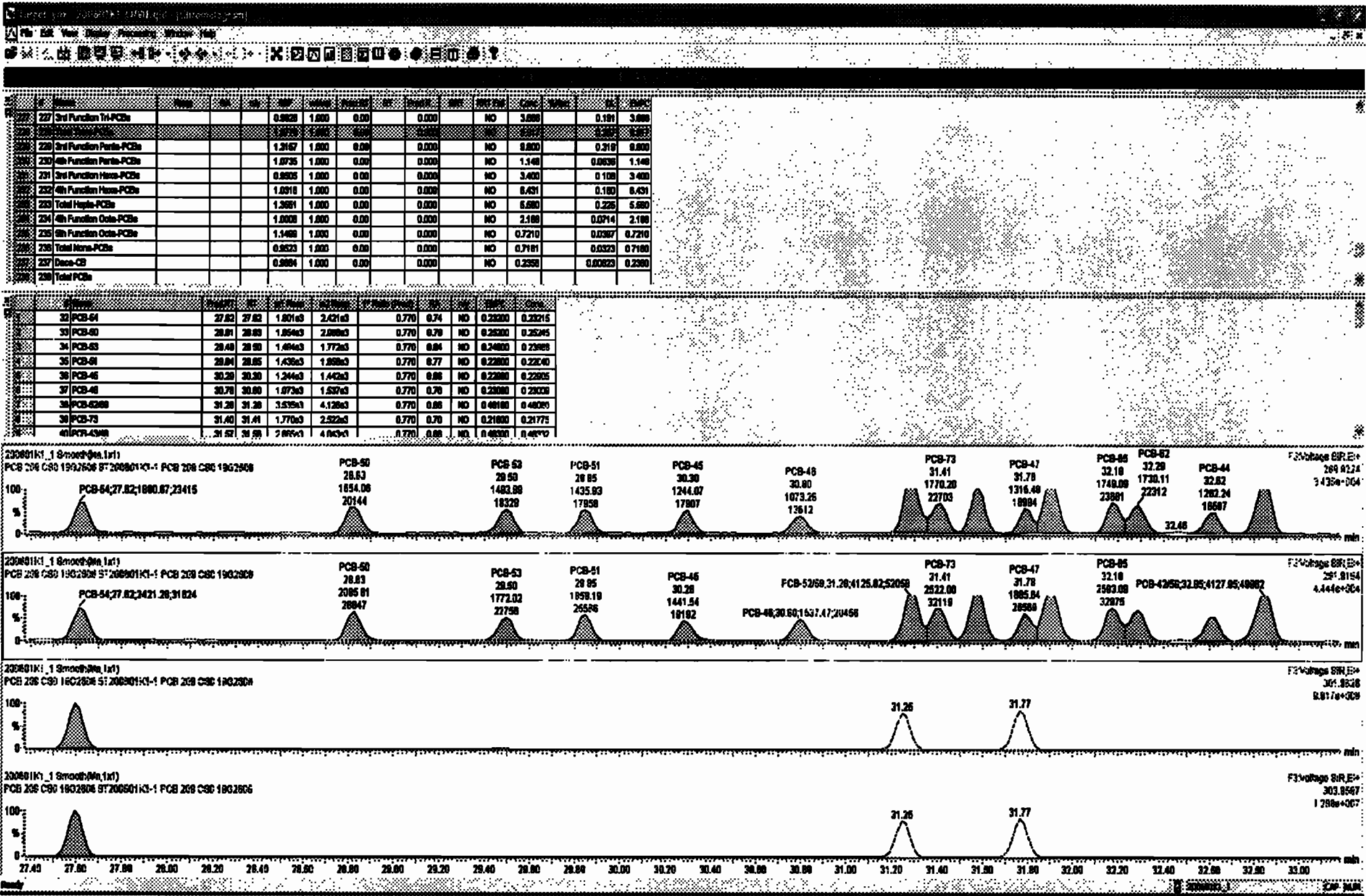
13C-PCB-52

200601K1\_1



200601K1\_1



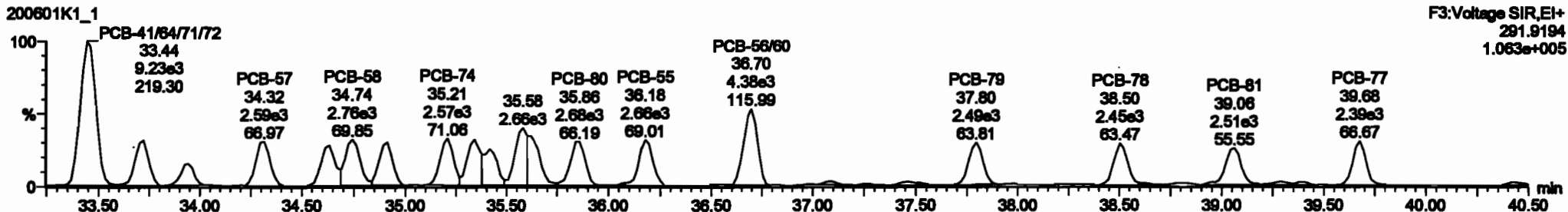
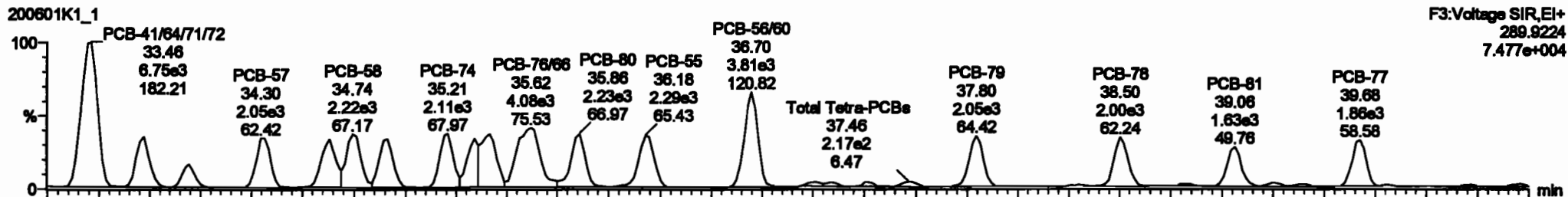


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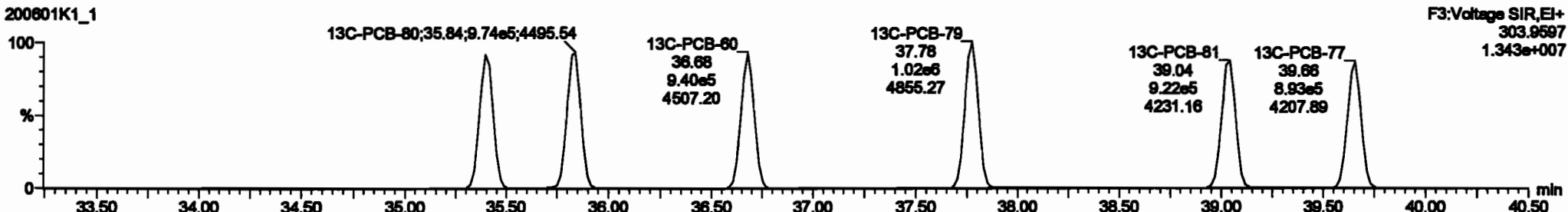
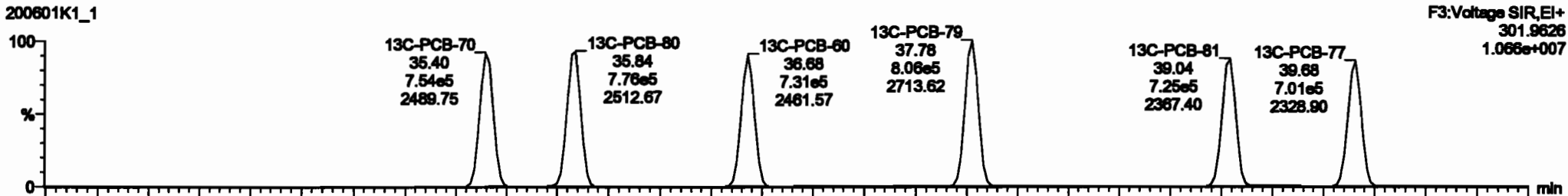
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**PCB-68**

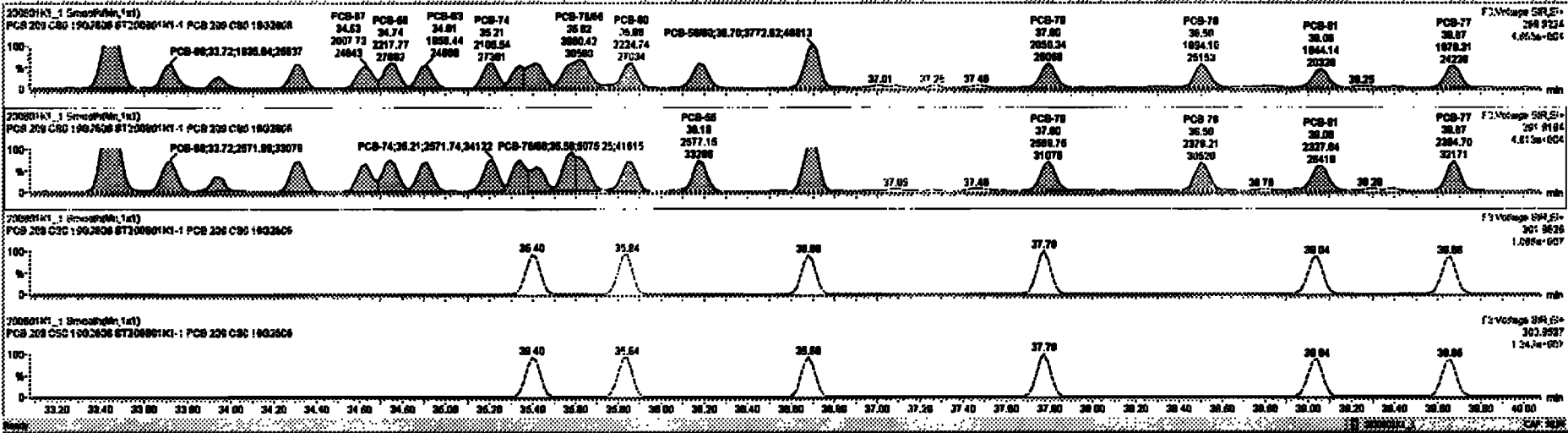


**13C-PCB-60**



Q	Item	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DISC	NET	DISC	TOTAL
227	3rd Function 1M-PCBs	1,000	0.00	0.00	NO	3.88	0.181	3.88			3.88
228	3rd Function Parts-PCBs	1,216	1,000	0.00	0.00	NO	0.00	0.213	0.00		0.213
229	4th Function Parts-PCBs	1,076	1,000	0.00	0.00	NO	1.548	0.00	1.548		1.548
230	3rd Function Mass-PCBs	0.000	1,000	0.00	0.00	NO	3.400	0.108	3.400		3.400
231	4th Function Mass-PCBs	1,038	1,000	0.00	0.00	NO	0.431	0.180	0.431		0.611
232	Total Highs-PCBs	1,281	1,000	0.00	0.00	NO	0.00	0.225	0.00		0.225
233	4th Function Opts-PCBs	1,000	1,000	0.00	0.00	NO	2.988	0.074	2.988		2.988
234	3rd Function Opts-PCBs	1,148	1,000	0.00	0.00	NO	0.721	0.037	0.721		0.721
235	Total Mass-PCBs	0.000	1,000	0.00	0.00	NO	0.7181	0.023	0.7181		0.7181
237	Demo-CD	0.000	1,000	0.00	0.00	NO	0.238	0.0023	0.238		0.238
238	Total PCBs										

Item	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DISC	NET	DISC	TOTAL
32 PCB-84	29.82	29.82	1.801e3	2.421e3	0.770	0.24	NO	0.2320	0.23218	
33 PCB-85	28.91	28.91	1.884e3	2.088e3	0.770	0.29	NO	0.2820	0.28246	
34 PCB-86	28.48	28.58	1.494e3	1.772e3	0.770	0.84	NO	0.2400	0.23886	
35 PCB-87	28.84	28.88	1.438e3	1.888e3	0.770	0.77	NO	0.2280	0.22840	
36 PCB-45	30.28	30.30	1.244e3	1.442e3	0.770	0.88	NO	0.2280	0.22804	
37 PCB-46	30.70	30.80	1.072e3	1.892e3	0.770	0.70	NO	0.2300	0.23000	
38 PCB-83	31.28	31.28	3.038e3	4.128e3	0.770	0.88	NO	0.4810	0.48080	
39 PCB-79	31.40	31.41	1.770e3	2.822e3	0.770	0.70	NO	0.2180	0.21775	
40 PCB-43	31.87	31.88	2.898e3	4.842e3	0.770	0.88	NO	0.4810	0.48077	



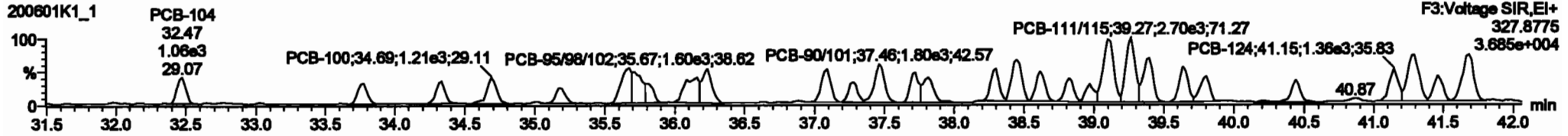
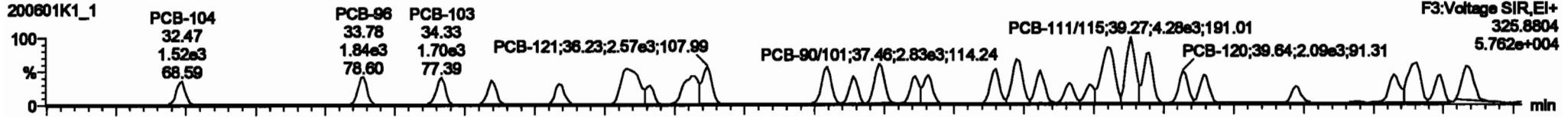


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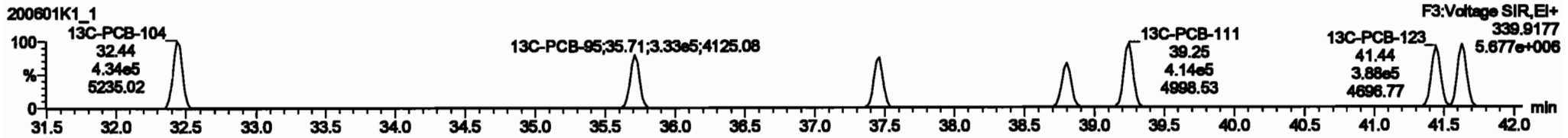
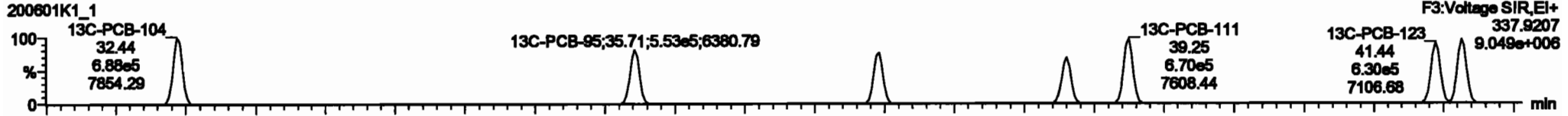
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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

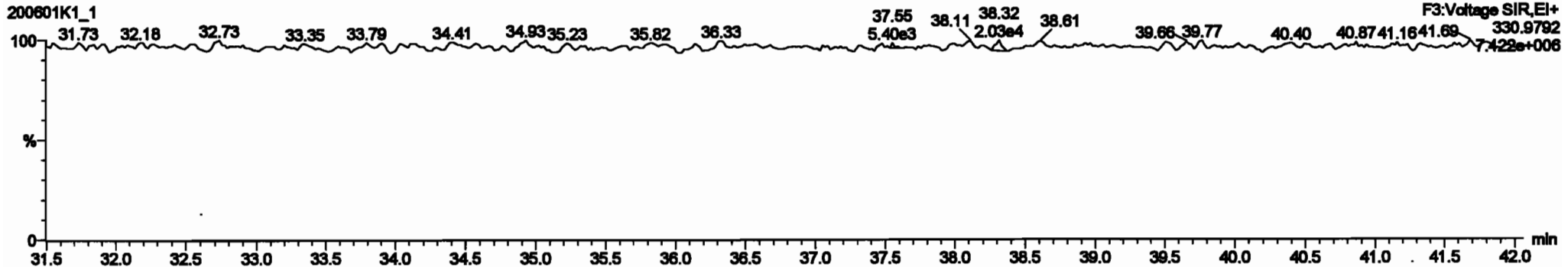
PCB-104



13C-PCB-104



PFK3b



Dataset: Untitled

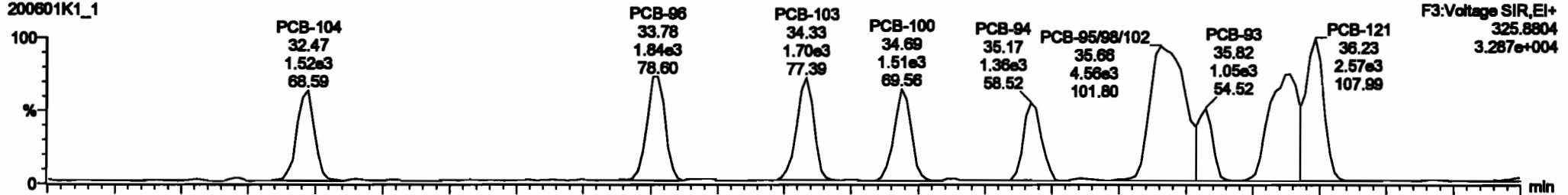
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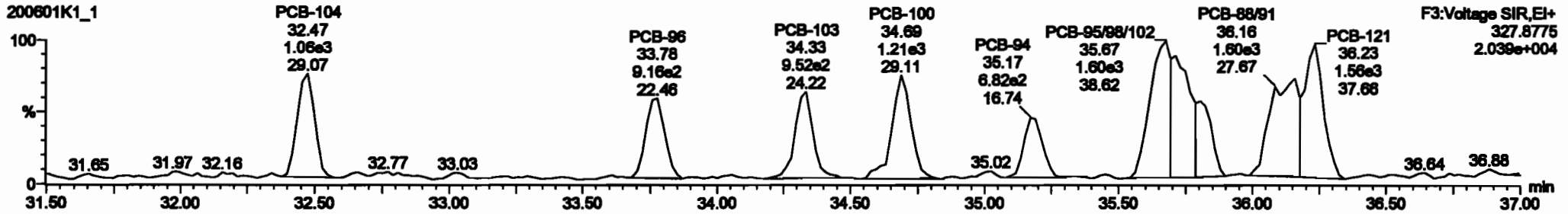
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PCB-96

200601K1\_1

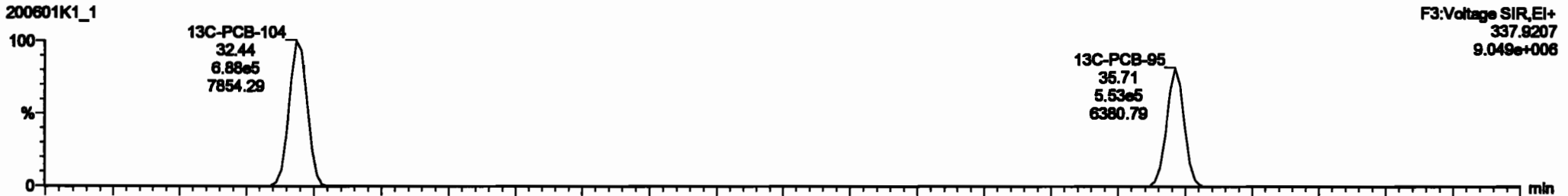


200601K1\_1

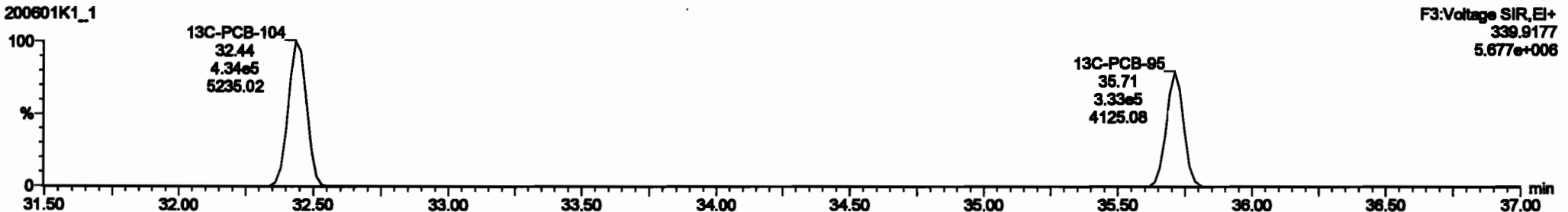


13C-PCB-95

200601K1\_1

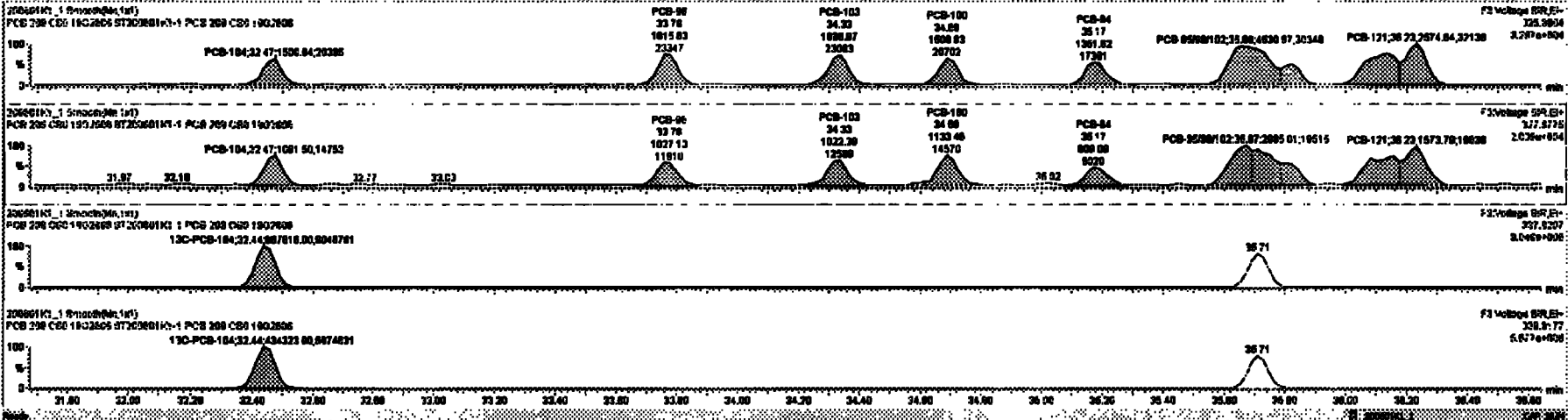


200601K1\_1



Item	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	
227 2nd Purified TAPCBs					0.000	1.000	0.00		0.000	NO	3.680	0.591	3.680
228 Total TAPCBs					1.0776	1.000	0.00		0.000	NO	0.917	0.287	0.917
229 4th Purified Para-PCBs					1.0726	1.000	0.00		0.000	NO	1.148	0.258	1.148
230 2nd Purified Meta-PCBs					0.0000	1.000	0.00		0.000	NO	3.600	0.108	3.600
231 4th Purified Meta-PCBs					1.0318	1.000	0.00		0.000	NO	0.401	0.180	0.401
232 Total Meta-PCBs					1.0301	1.000	0.00		0.000	NO	0.680	0.225	0.680
233 4th Purified Ortho-PCBs					1.0000	1.000	0.00		0.000	NO	2.188	0.0714	2.188
234 8th Purified Ortho-PCBs					1.1480	1.000	0.00		0.000	NO	0.7210	0.0887	0.7210
235 Total Ortho-PCBs					0.0000	1.000	0.00		0.000	NO	0.2181	0.0023	0.2181
236 Dioxin-CB					0.0000	1.000	0.00		0.000	NO	0.2088	0.0002	0.2088
237 Total PCBs													

Item	Peak #	RT	Area	Conc	Unit	Mass	Area	Conc	Unit
04 PCB-104	32.48	32.47	1.00e3	1.00e3	1.00	1.37	NO	0.2080	0.2080
05 PCB-99	32.76	32.76	1.07e3	1.07e3	1.00	1.77	NO	0.2200	0.21657
06 PCB-103	34.30	34.30	1.00e3	1.00e3	1.00	1.00	NO	0.2080	0.20877
07 PCB-100	34.87	34.88	1.00e3	1.13e3	1.00	1.33	NO	0.2470	0.24676
08 PCB-84	35.16	35.17	1.30e3	0.001e2	1.00	1.07	NO	0.2070	0.20888
09 PCB-95/98/102	35.87	35.88	4.00e3	2.00e3	1.00	1.00	NO	0.7080	0.70414
10 PCB-88	35.76	35.82	1.00e3	7.30e3	1.00	1.42	NO	0.2180	0.21812
11 PCB-99/91	36.14	36.14	2.00e3	1.00e3	1.00	1.77	NO	0.4080	0.40882
12 PCB-121	36.30	36.30	2.00e3	1.07e3	1.00	1.04	NO	0.2780	0.27882



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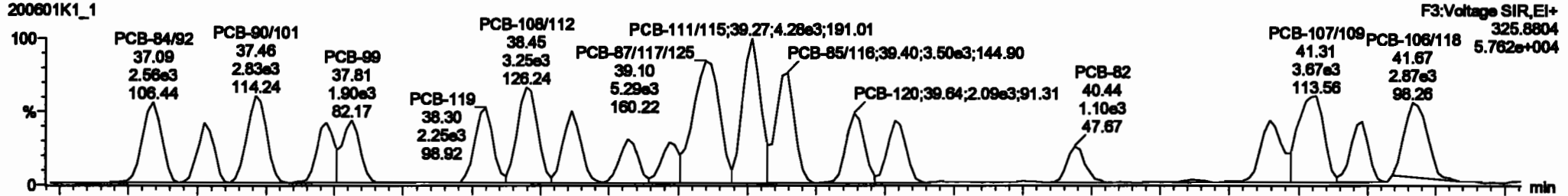
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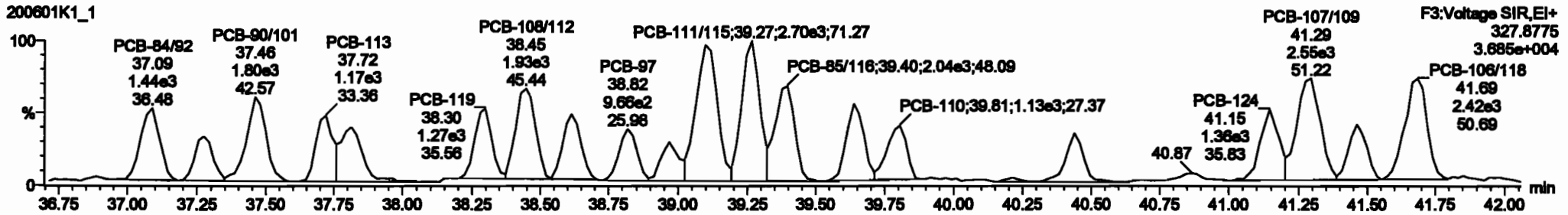
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**PCB-119**

200801K1\_1

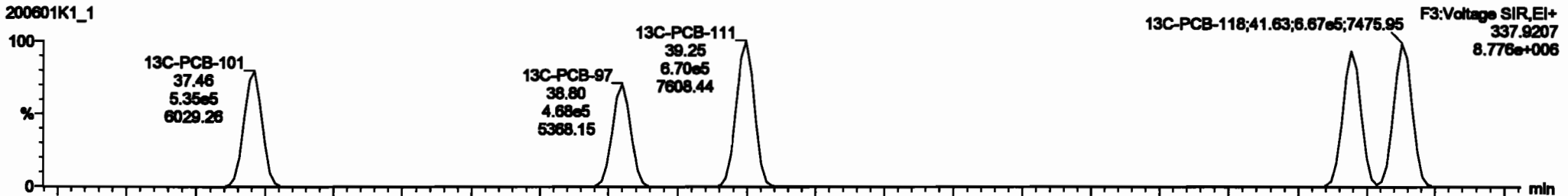


200801K1\_1

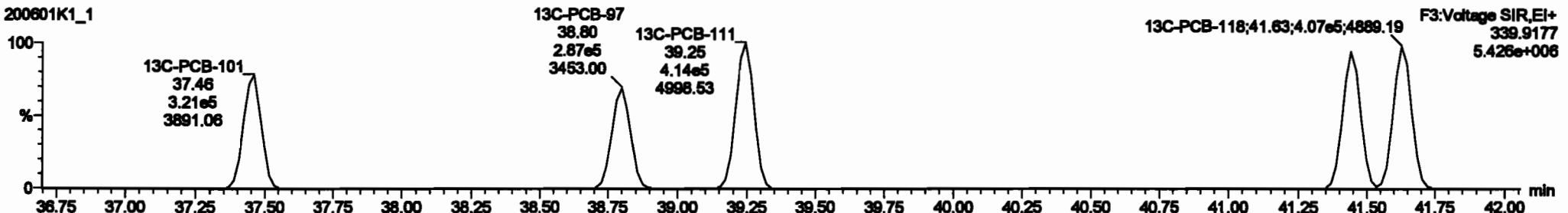


**13C-PCB-111**

200801K1\_1

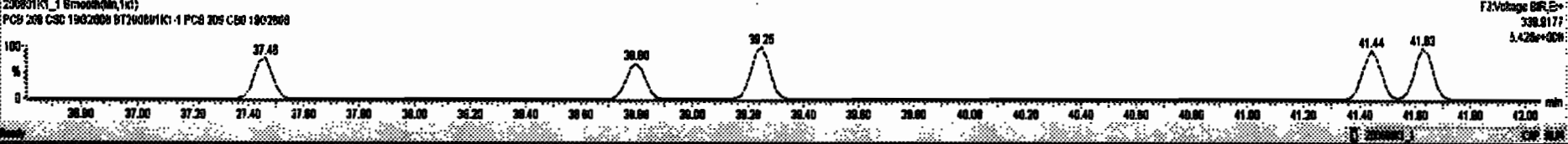
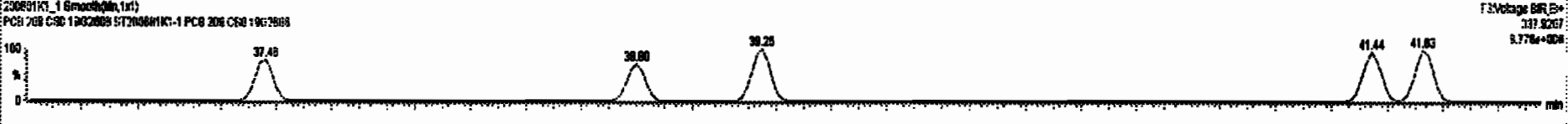
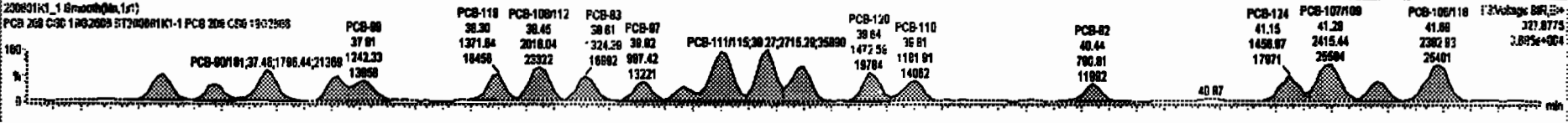
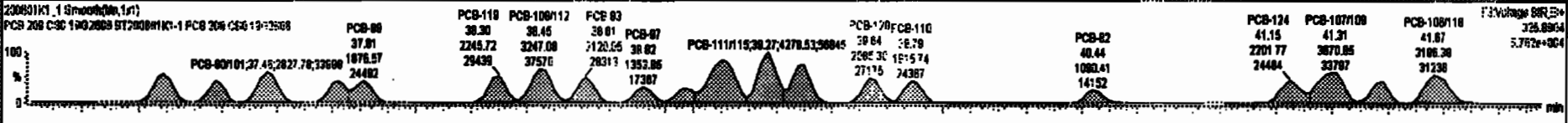


200801K1\_1



#	Name	Mass	RA	RG	RM	Volume	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area
227	2nd Function T4-PCBs					0.0028	1.000	0.00	0.000	ND	3.000		0.191	3.000		
228	Total T4s-PCBs					1.0778	1.000	0.00	0.000	ND	0.917		0.267	0.917		
229	3rd Function Para-PCBs					1.0957	1.000	0.00	0.000	ND	2.000		0.200	2.000		
230	4th Function Para-PCBs					1.0736	1.000	0.00	0.000	ND	1.140		0.0636	1.140		
231	2nd Function Hesa-PCBs					0.0005	1.000	0.00	0.000	ND	3.400		0.100	3.400		
232	4th Function Hesa-PCBs					1.0910	1.000	0.00	0.000	ND	0.431		0.100	0.431		
233	Total Hesa-PCBs					1.0901	1.000	0.00	0.000	ND	0.500		0.225	0.500		
234	4th Function Octa-PCBs					1.0008	1.000	0.00	0.000	ND	2.100		0.0714	2.100		
235	5th Function Octa-PCBs					1.1400	1.000	0.00	0.000	ND	0.7210		0.0307	0.7210		
236	Total Hesa-PCBs					0.0023	1.000	0.00	0.000	ND	0.7101		0.0023	0.7100		
237	Deca-CB					0.0004	1.000	0.00	0.000	ND	0.2000		0.0000	0.2000		
238	Total PCBs															

#	Name	Peak #	RT	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area	Height	Area
84	PCB-104	32.48	32.47	1.000e3	1.001e3	1.000	1.37	ND	0.2000	0.2000						
85	PCB-88	33.78	33.78	1.000e3	1.022e3	1.000	1.37	ND	0.2000	0.2100						
86	PCB-103	34.30	34.33	1.000e3	1.022e3	1.000	1.05	ND	0.2000	0.2007						
87	PCB-100	34.67	34.69	1.000e3	1.133e3	1.000	1.33	ND	0.2470	0.24075						
89	PCB-84	35.10	35.17	1.352e3	0.001e2	1.000	1.07	ND	0.2570	0.25000						
89	PCB-8900102	35.67	35.66	4.531e3	2.905e3	1.000	1.52	ND	0.7040	0.70414						
70	PCB-80	36.70	36.82	1.040e3	7.300e2	1.000	1.42	ND	0.2100	0.21012						
71	PCB-8001	38.14	38.14	2.022e3	1.054e3	1.000	1.77	ND	0.4050	0.40402						
72	PCB-121	38.23	38.23	7.575e3	1.574e3	1.000	1.04	ND	0.2740	0.27302						

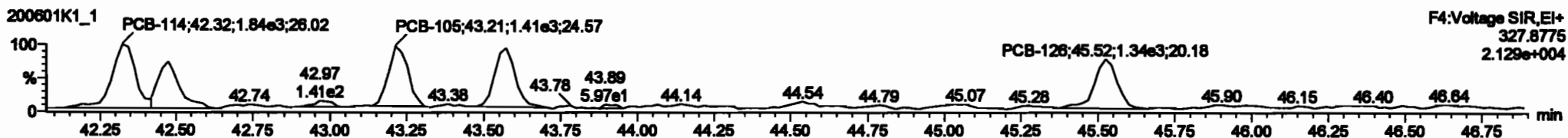
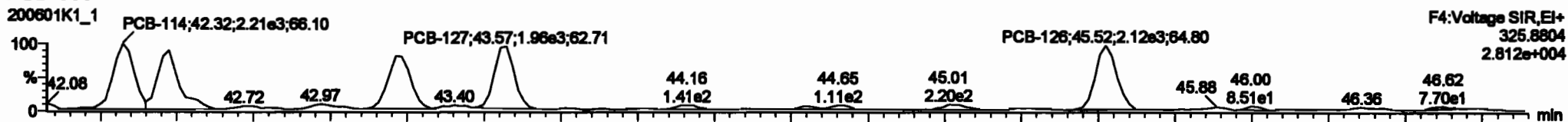


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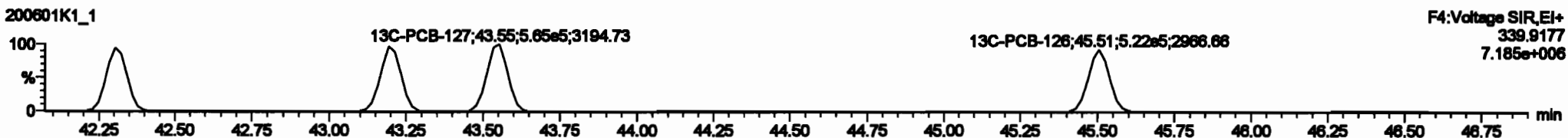
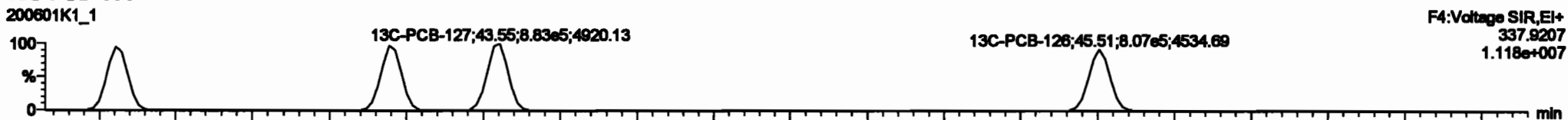
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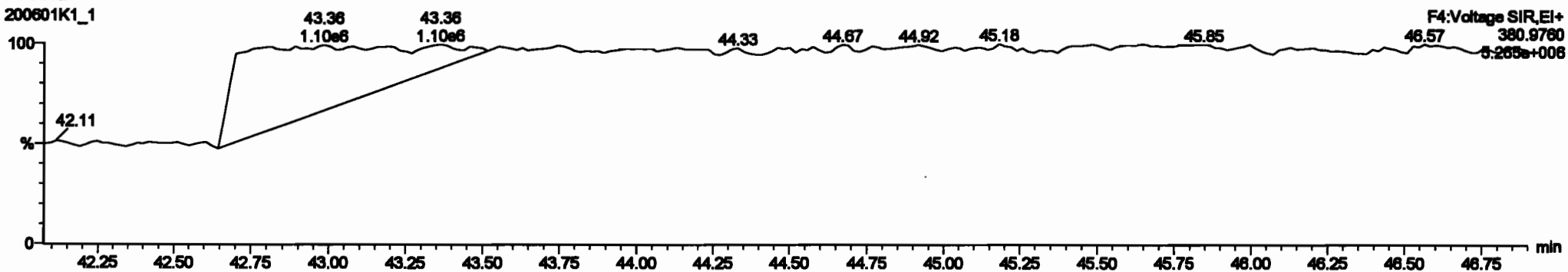
PCB-114



13C-PCB-114



PFK4a





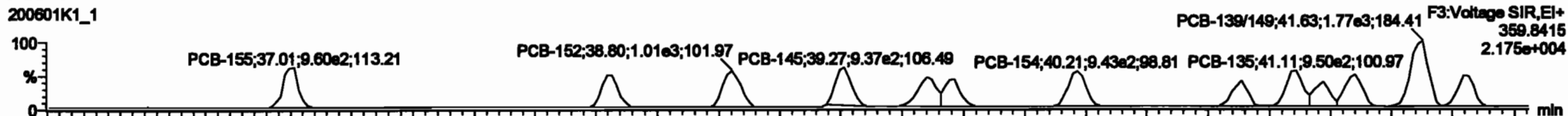
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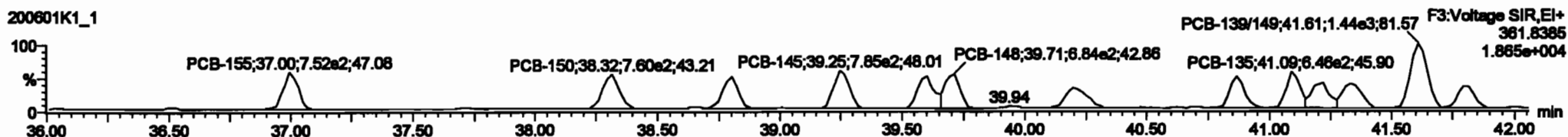
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**PCB-155**

200601K1\_1



200601K1\_1

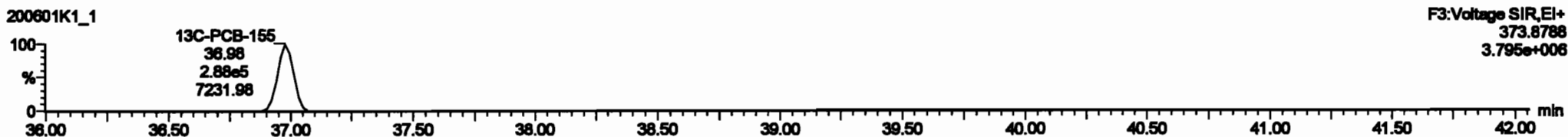


**13C-PCB-155**

200601K1\_1

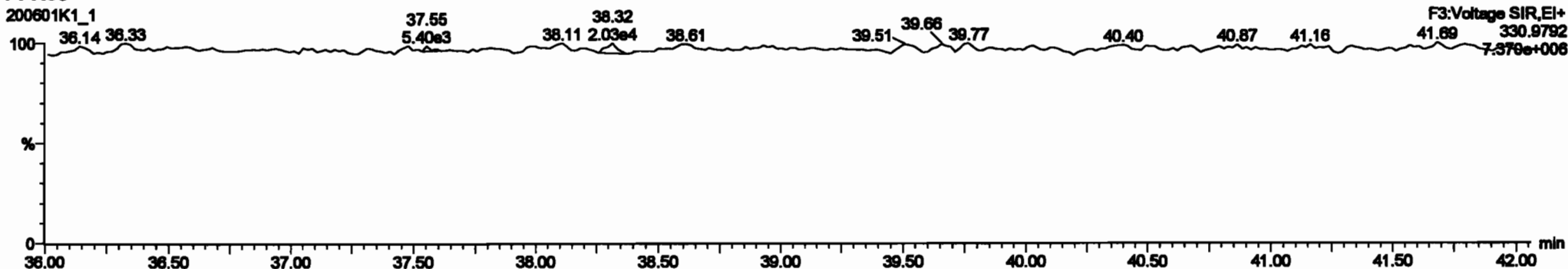


200601K1\_1



**PFK3c**

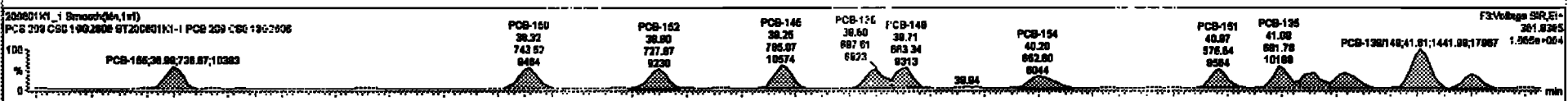
200601K1\_1





#	Phase	Mass	CS	CP	SP	CP/SP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP
227	2nd Function Tri-PCBs					0.8828	1.000	0.00		0.000	NO	3.888		0.181	3.888			
228	Total Tri-PCBs					1.2778	1.000	0.00		0.000	NO	8.917		0.287	8.917			
229	2nd Function Penta-PCBs					1.3187	1.000	0.00		0.000	NO	9.800		0.318	9.800			
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	1.148		0.142	1.148			
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-CP					0.9884	1.000	0.00		0.000	NO	0.2388		0.00828	0.2388			
238	Total PCBs																	

#	Phase	Mass	CS	CP	SP	CP/SP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP	CP/CP
89	PCB-158	38.98	37.01	8.801e2	7.387e2	1.240	1.30	NO	0.24700	0.24732								
90	PCB-160	38.32	38.30	8.464e2	7.435e2	1.240	1.14	NO	0.22800	0.22810								
100	PCB-162	38.80	38.80	8.888e2	7.278e2	1.240	1.37	NO	0.22100	0.22078								
101	PCB-146	38.27	38.27	1.018e2	7.881e2	1.240	1.30	NO	0.28100	0.28080								
102	PCB-138	38.80	38.80	8.158e2	8.878e2	1.240	1.18	NO	0.22400	0.22404								
103	PCB-148	38.71	38.71	7.081e2	8.838e2	1.240	1.05	NO	0.24800	0.24844								
104	PCB-154	40.21	40.22	8.078e2	8.538e2	1.240	1.38	NO	0.25800	0.25830								
105	PCB-161	40.88	40.88	8.188e2	8.758e2	1.240	1.07	NO	0.28100	0.28088								
106	PCB-135	41.11	41.11	8.348e2	8.918e2	1.240	1.38	NO	0.28800	0.28828								



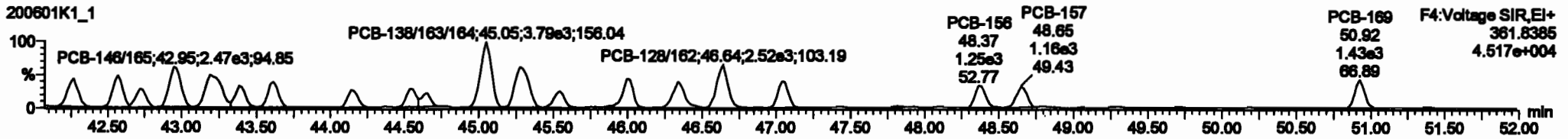
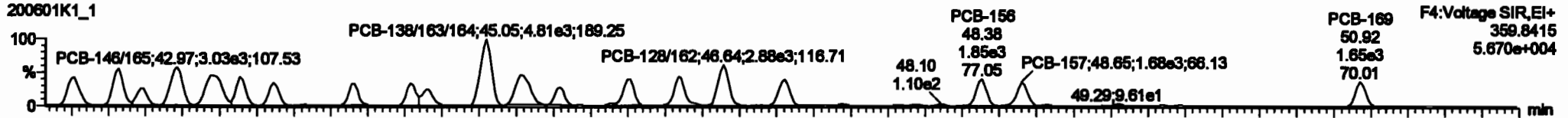
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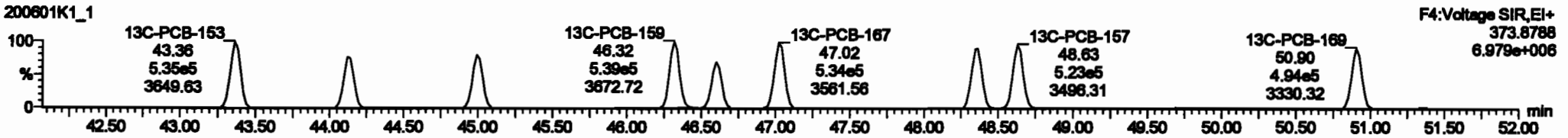
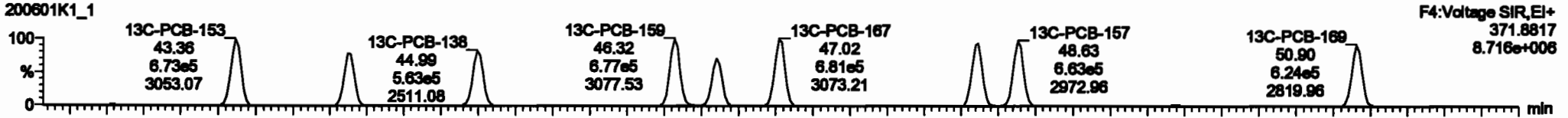
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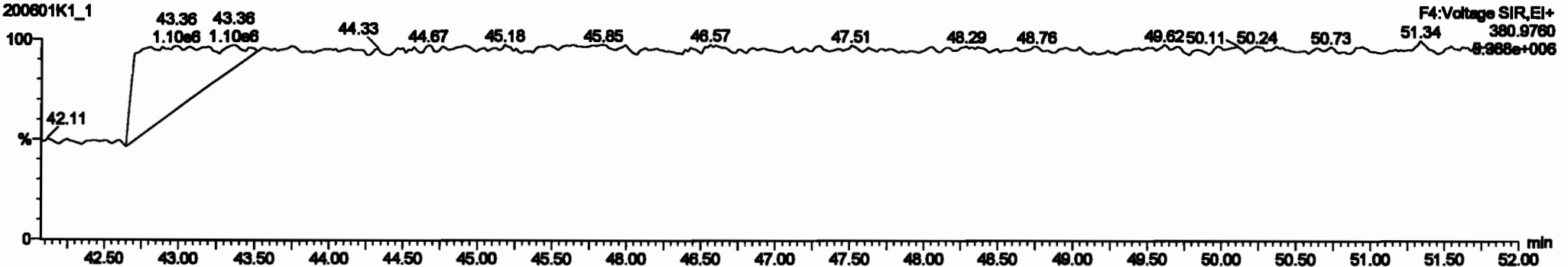
PCB-134/143



13C-PCB-153

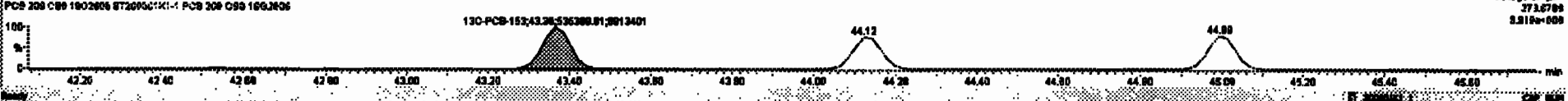
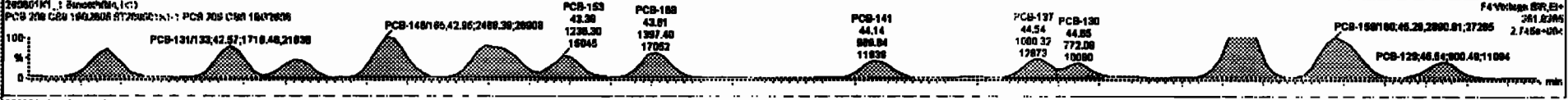


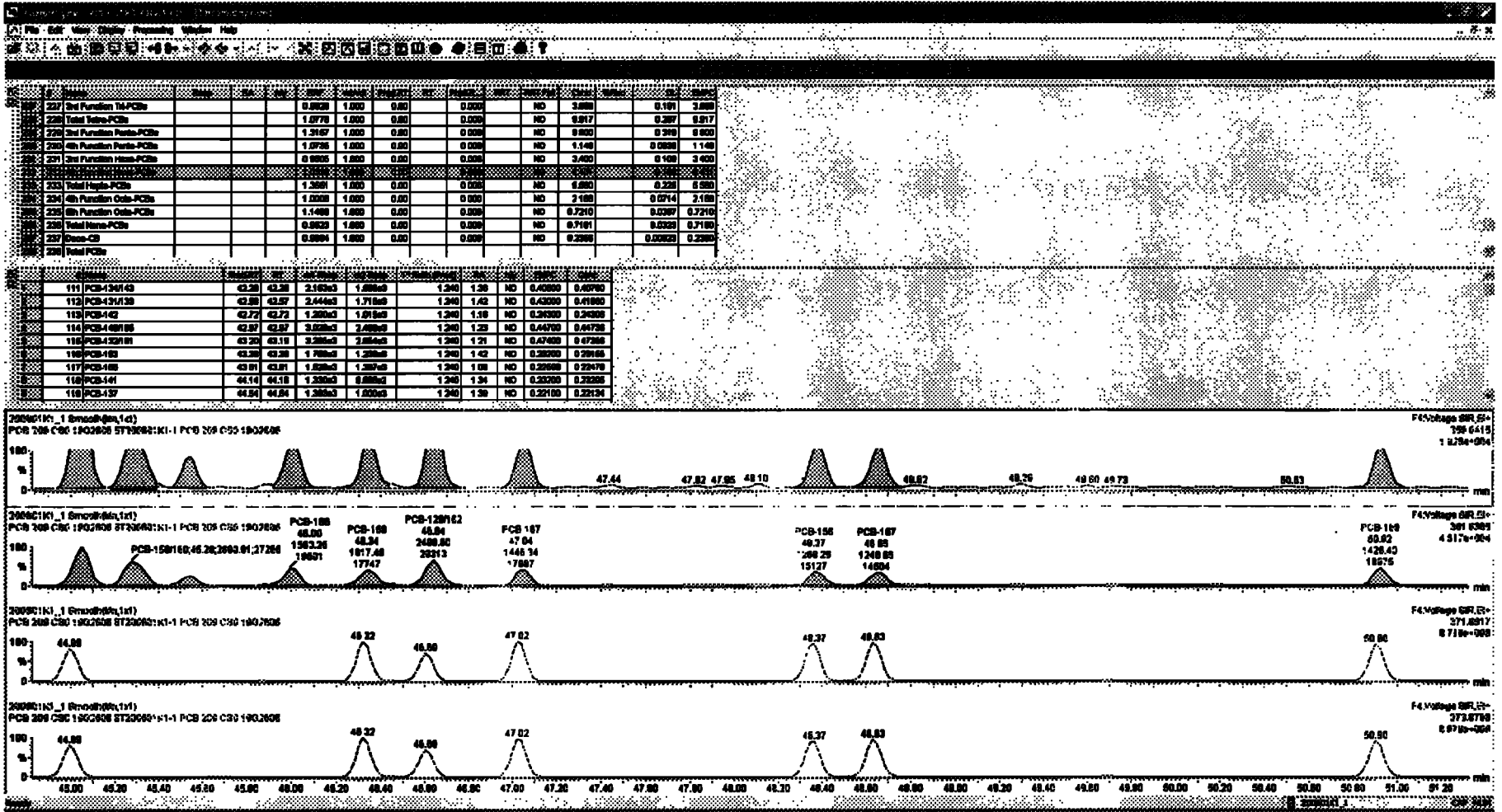
PFK4b



PCB	Function	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
227	3rd Function In-PCBs				0.0028	1.000	0.00	0.000	NO	3.888		0.191	3.888					
228	Total In-PCBs				1.0778	1.000	0.00	0.000	NO	8.917		0.287	8.917					
229	3rd Function Para-PCBs				1.2187	1.000	0.00	0.000	NO	8.800		0.218	8.800					
230	6th Function Para-PCBs				1.0728	1.000	0.00	0.000	NO	1.148		0.0838	1.148					
231	3rd Function Meta-PCBs				0.0003	1.000	0.00	0.000	NO	3.480		0.108	3.480					
232	Total Meta-PCBs				1.0003	1.000	0.00	0.000	NO	3.480		0.108	3.480					
233	Total High-PCBs				1.2091	1.000	0.00	0.000	NO	5.980		0.223	5.980					
234	6th Function Odo-PCBs				1.0000	1.000	0.00	0.000	NO	2.188		0.9714	2.188					
235	6th Function Odo-PCBs				1.1488	1.000	0.00	0.000	NO	0.7210		0.0887	0.7210					
236	Total Meta-PCBs				0.0023	1.000	0.00	0.000	NO	0.7181		0.0323	0.7181					
237	Dioxin-CB				0.0004	1.000	0.00	0.000	NO	0.2888		0.0023	0.2888					
238	Total PCBs																	

PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
111	PCB-134/43	43.28	43.28	2.1520	1.0000	1.240	1.28	NO	0.4080	0.4078			
112	PCB-138/33	43.88	43.87	2.4440	1.7180	1.240	1.43	NO	0.4300	0.4188			
113	PCB-142	43.72	43.72	1.2080	1.0180	1.240	1.18	NO	0.2400	0.2488			
114	PCB-148/85	43.87	43.87	3.0280	2.4880	1.240	1.28	NO	0.4478	0.4478			
115	PCB-152/81	43.38	43.18	3.2080	2.8840	1.240	1.21	NO	0.4780	0.4788			
116	PCB-158	43.38	43.38	1.7880	1.2380	1.240	1.43	NO	0.2280	0.2388			
117	PCB-168	43.81	43.81	1.8280	1.3878	1.240	1.88	NO	0.2280	0.2287			
118	PCB-141	44.14	44.14	1.2380	0.8880	1.240	1.34	NO	0.2280	0.2280			
119	PCB-137	44.84	44.84	1.2880	1.0080	1.240	1.38	NO	0.2280	0.22134			





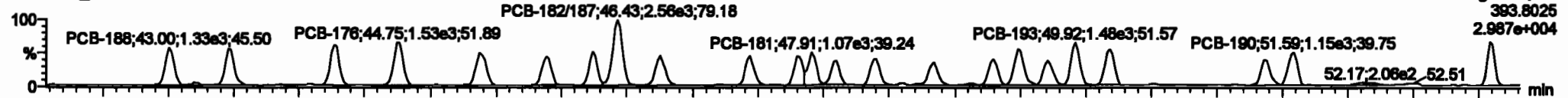
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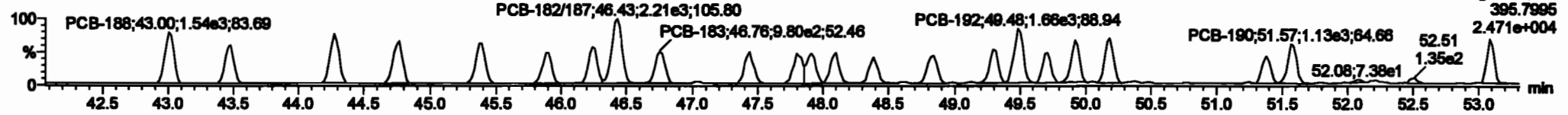
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**PCB-188**

200601K1\_1

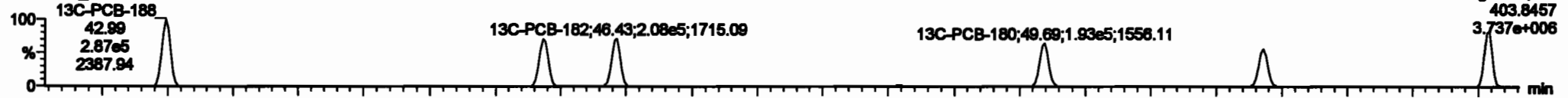


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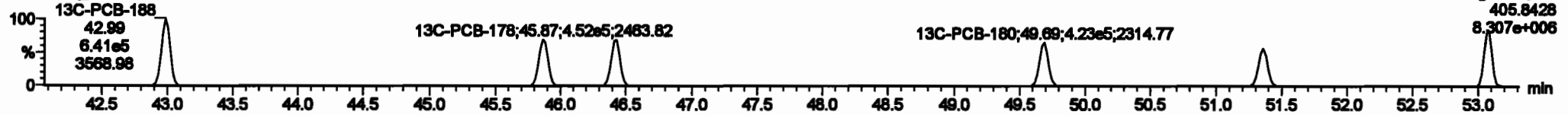


**13C-PCB-188**

200601K1\_1

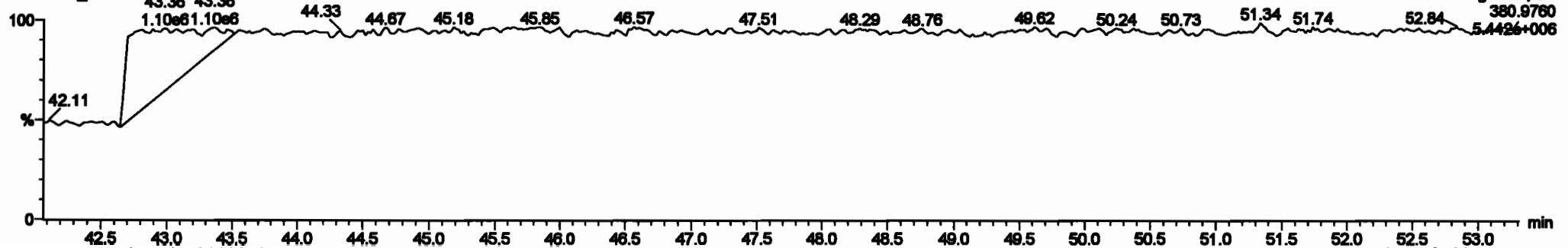


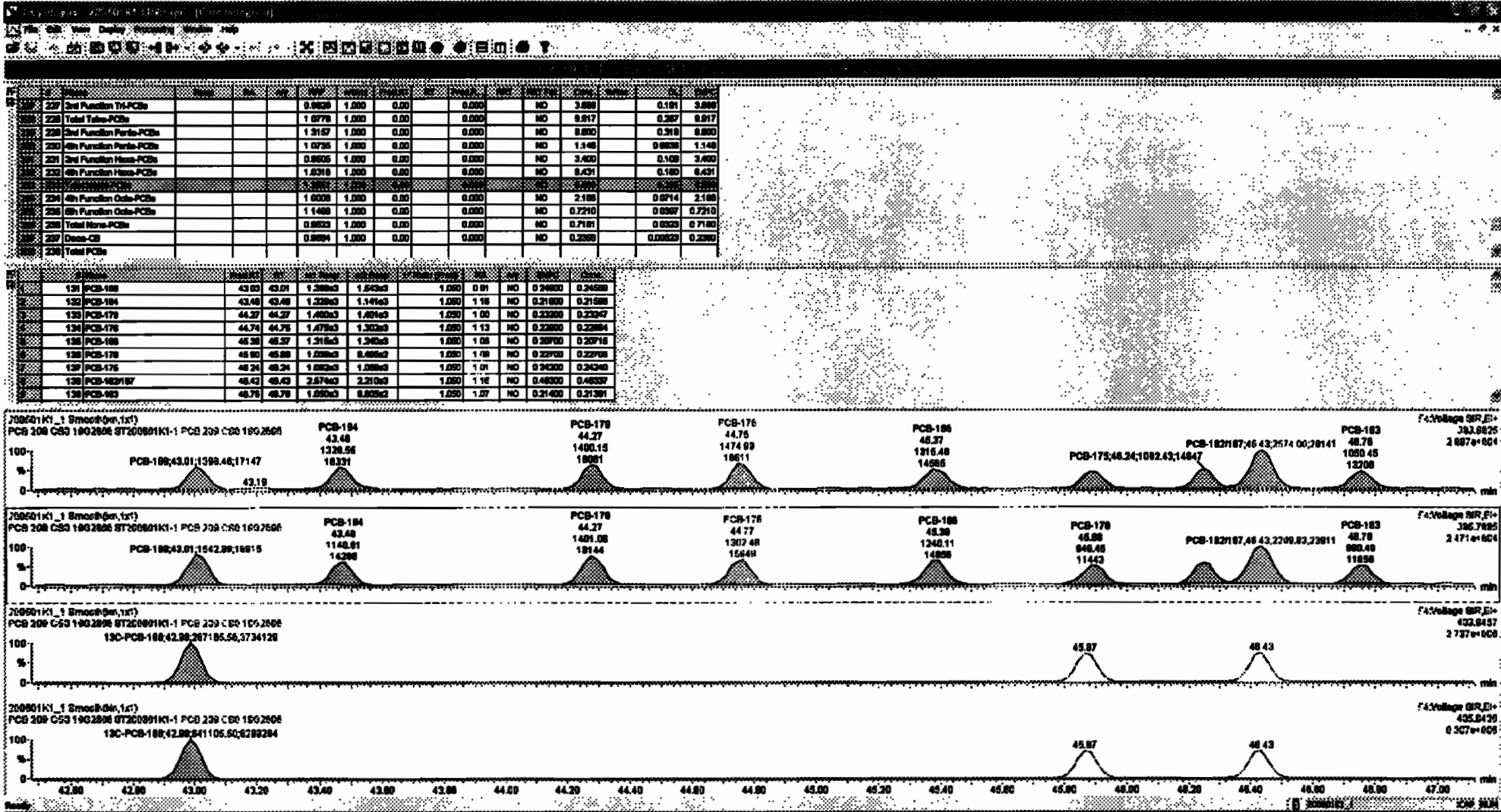
200601K1\_1



**PFK4c**

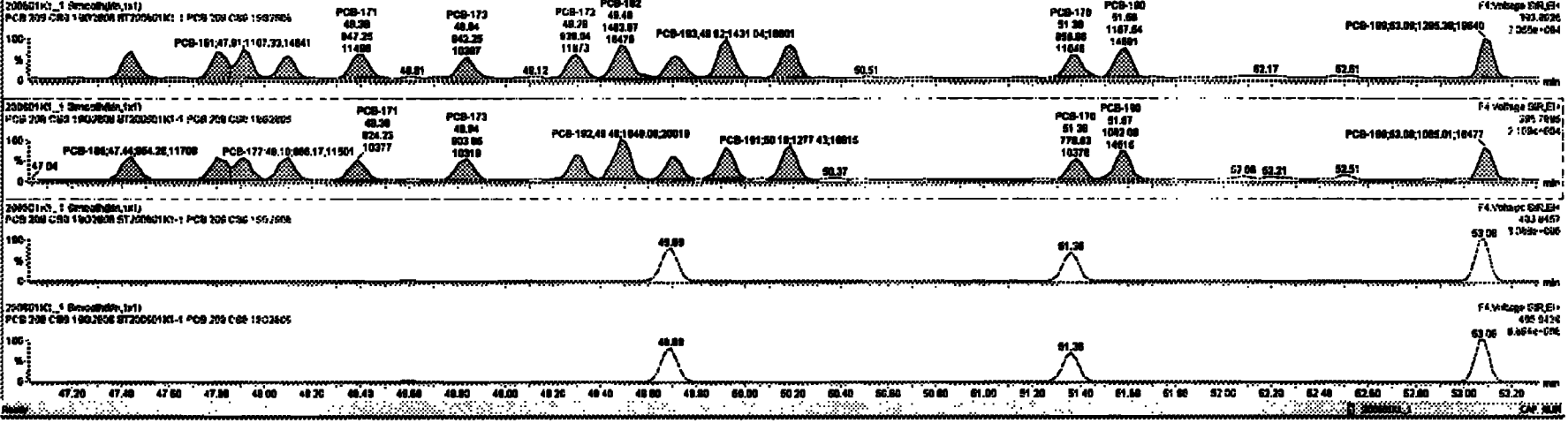
200601K1\_1





PCB	Material	Area	Vol%	Wt%	Area	Vol%	Wt%	Area	Vol%	Wt%	Area	Vol%	Wt%
227	Shell Functions Tru-PCBs			0.0028	1.000	0.00	0.000	NO	3.000	0.191	3.000		
228	Total Tru-PCBs			1.0770	1.000	0.00	0.000	NO	6.017	0.287	6.017		
229	Shell Functions Proto-PCBs			1.3167	1.000	0.00	0.000	NO	6.000	0.310	6.000		
230	4th Functions Proto-PCBs			1.0728	1.000	0.00	0.000	NO	1.146	0.053	1.146		
231	Shell Functions Hous-PCBs			0.0003	1.000	0.00	0.000	NO	3.000	0.190	3.000		
232	4th Functions Hous-PCBs			1.0018	1.000	0.00	0.000	NO	6.001	0.190	6.001		
233	Total Hous-PCBs			1.0021	1.000	0.00	0.000	NO	9.001	0.380	9.001		
234	4th Functions Oute-PCBs			1.0003	1.000	0.00	0.000	NO	2.100	0.071	2.100		
235	6th Functions Oute-PCBs			1.1480	1.000	0.00	0.000	NO	0.7210	0.0287	0.7210		
236	Total Oute-PCBs			0.0023	1.000	0.00	0.000	NO	0.7181	0.0253	0.7181		
237	Chass-CB			0.0004	1.000	0.00	0.000	NO	0.2000	0.0003	0.2000		
238	Total PCBs												

PCB	Area	Vol%	Wt%	Area	Vol%	Wt%	Area	Vol%	Wt%	
131	PCB-169	49.00	49.01	1.300e3	1.543e3	1.000	0.81	NO	0.2400	0.34000
132	PCB-164	43.40	43.48	1.320e3	1.541e3	1.000	1.16	NO	0.2100	0.31000
133	PCB-176	44.27	44.27	1.400e3	1.400e3	1.000	1.00	NO	0.2000	0.27047
134	PCB-175	44.74	44.75	1.470e3	1.200e3	1.000	1.13	NO	0.2200	0.22004
135	PCB-168	45.28	45.37	1.310e3	1.240e3	1.000	1.00	NO	0.2070	0.20716
136	PCB-178	45.80	45.80	1.000e3	0.800e3	1.000	1.00	NO	0.2070	0.22705
137	PCB-175	46.24	46.24	1.300e3	1.000e3	1.000	1.01	NO	0.2420	0.24240
138	PCB-162/87	48.43	48.43	2.07e3	2.21e3	1.000	1.16	NO	0.4000	0.40007
139	PCB-163	48.70	48.70	1.300e3	0.800e3	1.000	1.07	NO	0.2140	0.21391



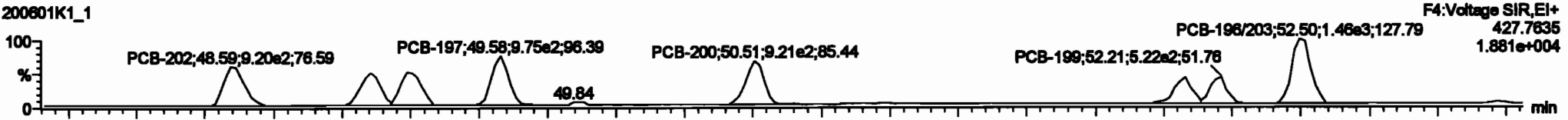
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

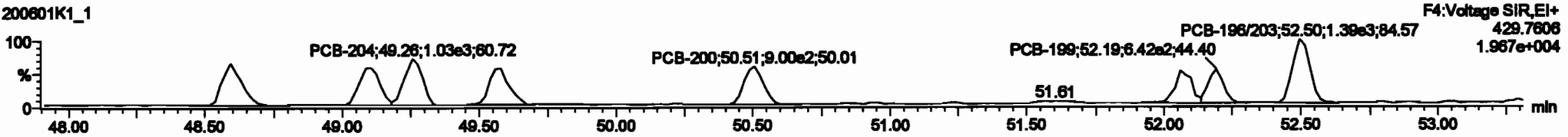
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PCB-202

200601K1\_1

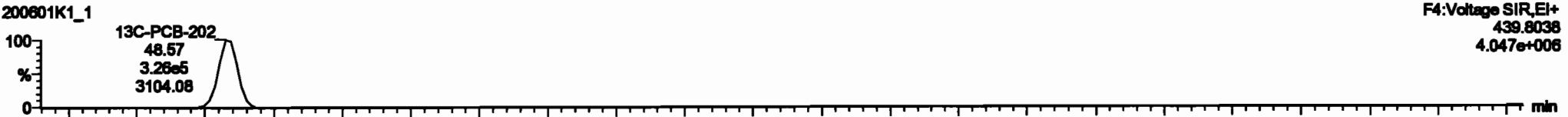


200601K1\_1

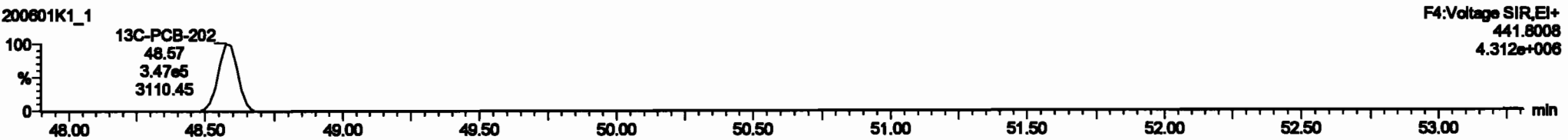


13C-PCB-202

200601K1\_1

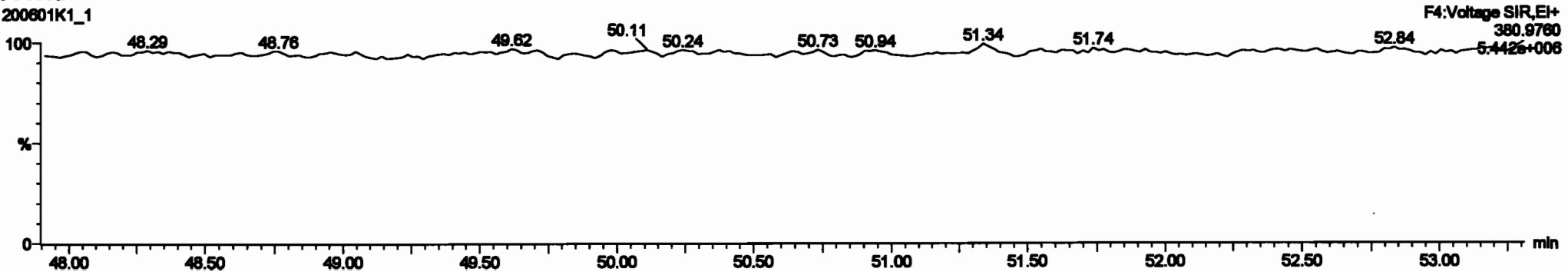


200601K1\_1



PFK4d

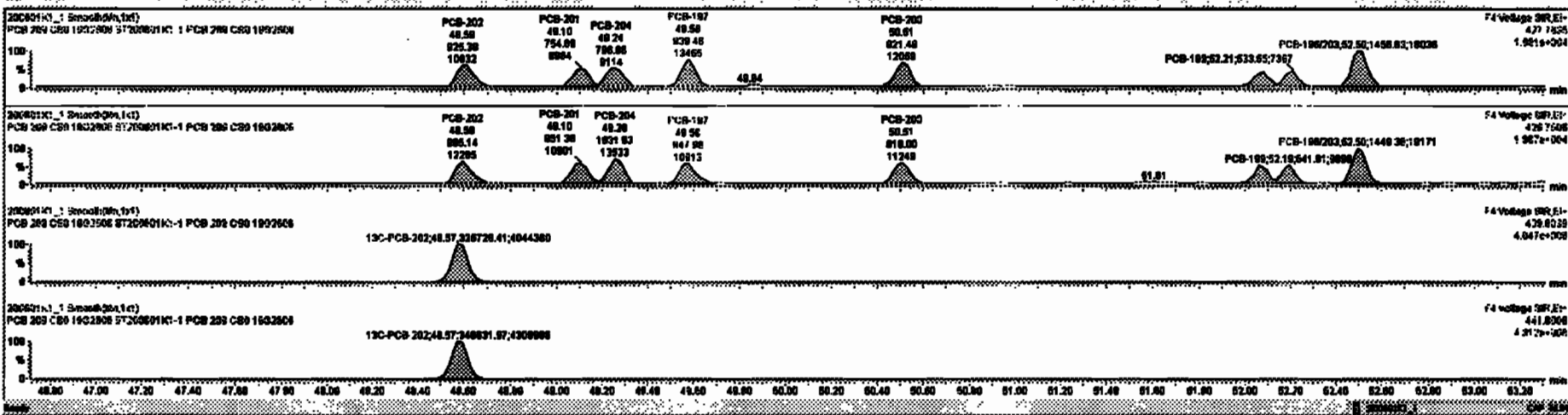
200601K1\_1





Sample	PCB-202	PCB-201	PCB-204	PCB-197	PCB-200	PCB-199	PCB-188	PCB-187	PCB-186
227 3rd Function Tr-PCBs	0.000	1.000	0.00	0.00	ND	3.000	0.101	3.000	
228 Total Trns-PCBs	1.0770	1.000	0.00	0.00	ND	0.917	0.207	0.917	
229 3rd Function Para-PCBs	1.2107	1.000	0.00	0.00	ND	0.800	0.210	0.800	
230 4th Function Para-PCBs	1.2735	1.000	0.00	0.00	ND	1.140	0.200	1.140	
231 3rd Function Meta-PCBs	0.000	1.000	0.00	0.00	ND	3.400	0.100	3.400	
232 4th Function Meta-PCBs	1.0910	1.000	0.00	0.00	ND	0.431	0.100	0.431	
233 Total Meta-PCBs	1.3091	1.000	0.00	0.00	ND	0.800	0.225	0.800	
234 Total PCBs	12.000	12.000	0.00	0.00	ND	12.000	0.710	12.000	
235 5th Function Oth-PCBs	1.1400	1.000	0.00	0.00	ND	0.710	0.000	0.710	
236 Total Mono-PCBs	0.000	1.000	0.00	0.00	ND	0.710	0.000	0.710	
237 Diene-CB	0.000	1.000	0.00	0.00	ND	0.200	0.000	0.200	
238 Total PCBs									

Sample	PCB-202	PCB-201	PCB-204	PCB-197	PCB-200	PCB-199	PCB-188	PCB-187	PCB-186
184 PCB-202	48.01	48.00	0.20e2	0.001e2	0.000	0.00	ND	0.24000	0.24000
185 PCB-201	48.00	48.10	7.04e2	0.014e2	0.000	0.70	ND	0.24100	0.24100
186 PCB-204	48.24	48.24	7.00e2	1.03e2	0.000	0.77	ND	0.23800	0.23801
187 PCB-197	48.00	48.00	0.00e2	0.40e2	0.000	0.00	ND	0.24000	0.24000
188 PCB-200	00.00	00.01	0.21e2	0.10e2	0.000	1.00	ND	0.20000	0.20075
189 PCB-199	02.00	02.00	0.40e2	0.72e2	0.000	0.00	ND	0.22000	0.22000
190 PCB-188	02.17	02.21	0.20e2	0.41e2	0.000	0.00	ND	0.21000	0.21001
001 PCB-186-000	02.00	02.00	1.40e2	1.40e2	0.000	1.00	ND	0.01000	0.01000



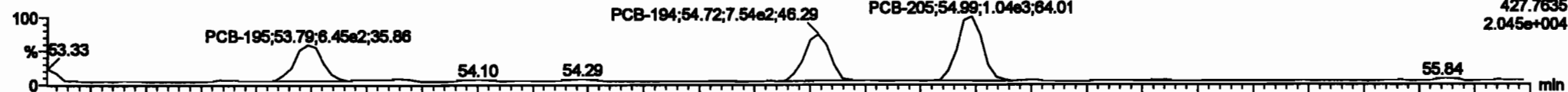
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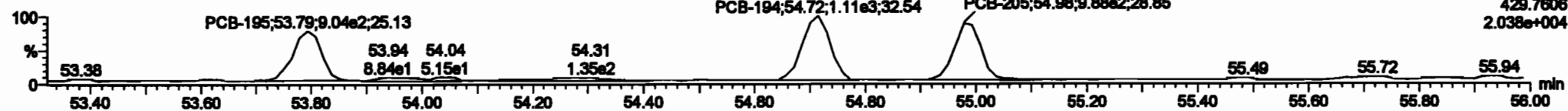
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**PCB-195**

200601K1\_1

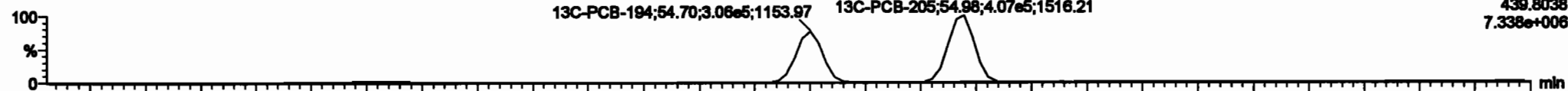


200601K1\_1

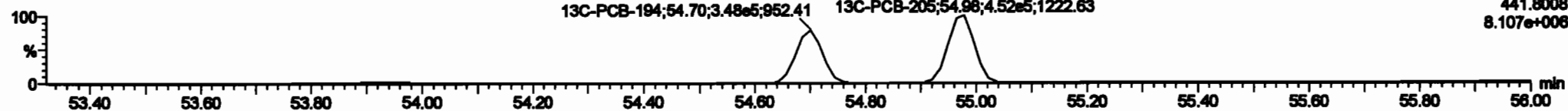


**13C-PCB-194**

200601K1\_1

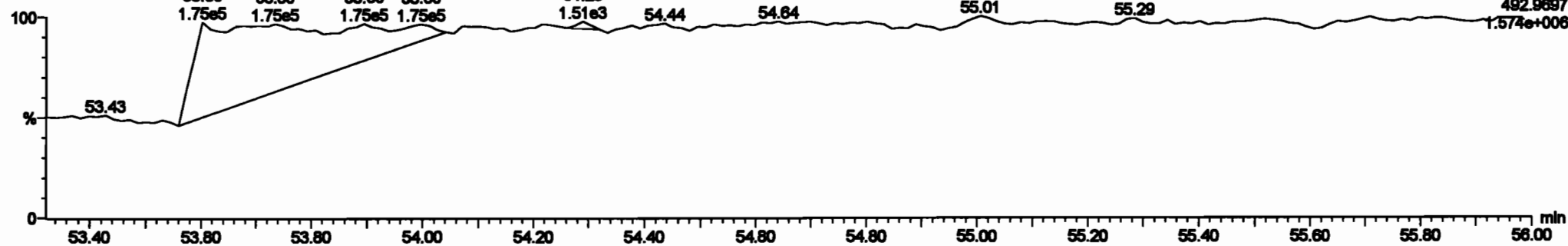


200601K1\_1



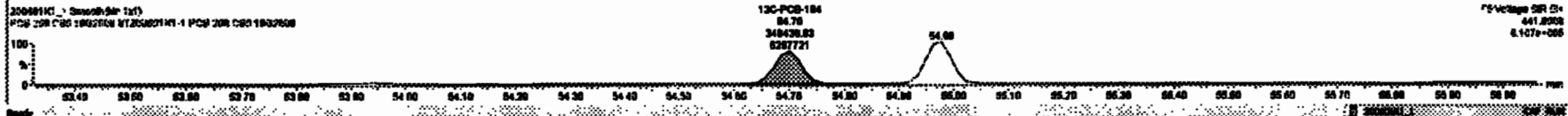
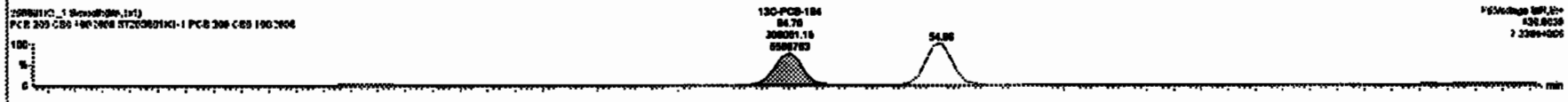
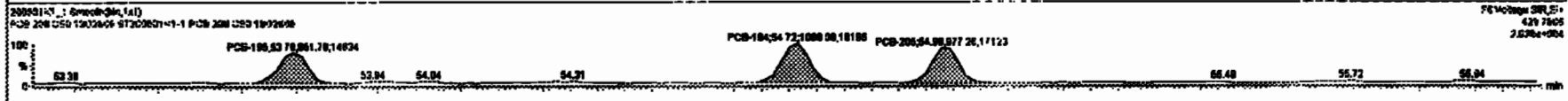
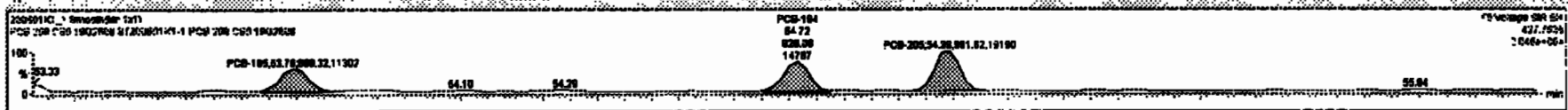
**PFK5a**

200601K1\_1



Sample	Mass	Area	Height	Width	Volume	Conc	Unit	Mass	Area	Height	Width	Volume	Conc	Unit
227 2nd Function PA-PCBs		0.0020	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	0.017		0.207	0.017				
229 2nd Function PA-PCBs		1.0767	1.000	0.00	0.000	NO	0.000		0.210	0.000				
230 4th Function PA-PCBs		1.0776	1.000	0.00	0.000	NO	1.140		0.0030	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	0.401		0.100	0.401				
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		0.0714	2.100				
235 2nd Function PA-PCBs		1.0000	1.000	0.00	0.000	NO	1.100		0.0357	1.100				
236 1st Function PA-PCBs		0.0000	1.000	0.00	0.000	NO	0.7101		0.0000	0.7100				
237 2nd Function PA-PCBs		0.0004	1.000	0.00	0.000	NO	0.2000		0.0000	0.2000				
238 Total PCBs														

Sample	Area	Height	Width	Volume	Conc	Unit	Mass	Area	Height	Width	Volume	Conc	Unit
100 PCB-106	63.80	63.70	0.0000	0.0170	0.000	NO	0.2000	0.2000	0.2000	0.0170	0.000	0.2000	0.2000
101 PCB-104	64.72	64.72	0.0000	1.0000	0.000	NO	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
104 PCB-205	64.80	64.80	0.0100	0.7700	0.000	NO	1.0000	1.0000	1.0000	0.7700	0.000	1.0000	1.0000



Dataset: Untitled

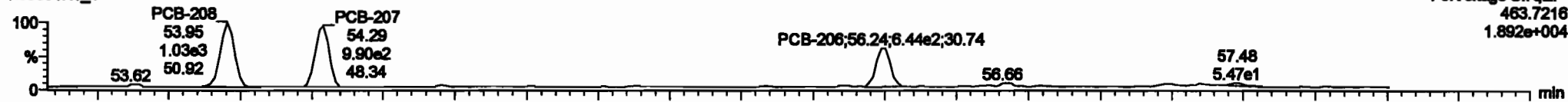
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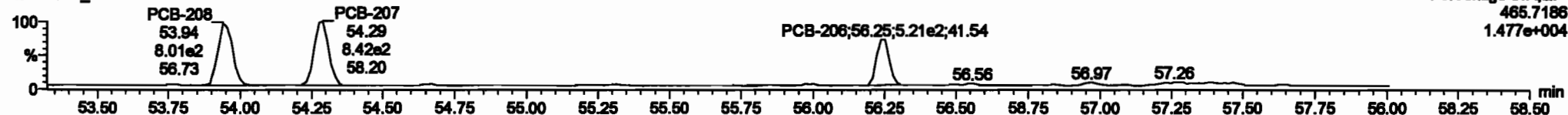
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**PCB-208**

200601K1\_1

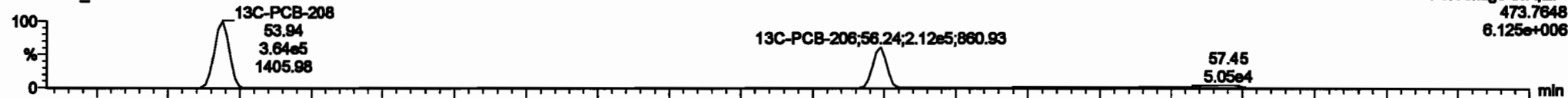


200601K1\_1

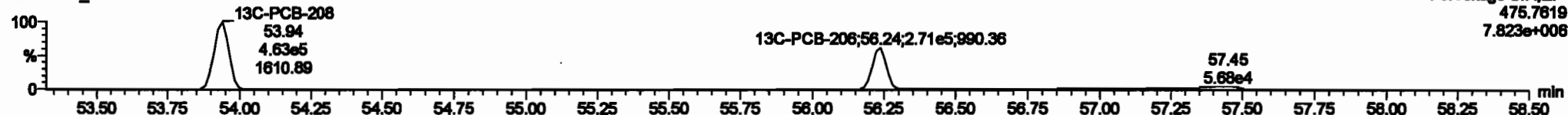


**13C-PCB-208**

200601K1\_1

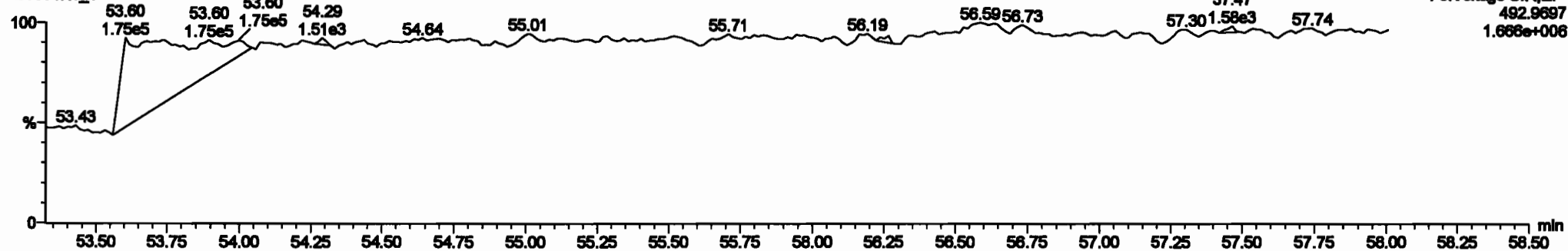


200601K1\_1



**PFK5**

200601K1\_1



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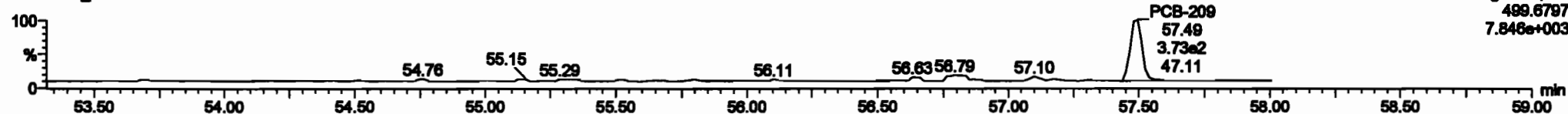
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**PCB-209**

200601K1\_1

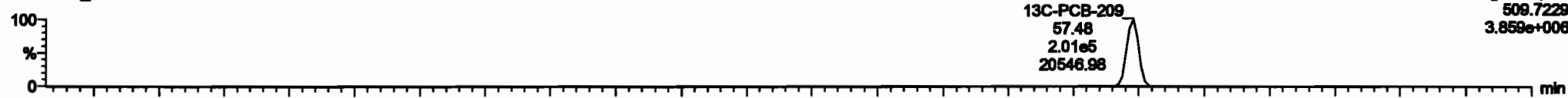


200601K1\_1

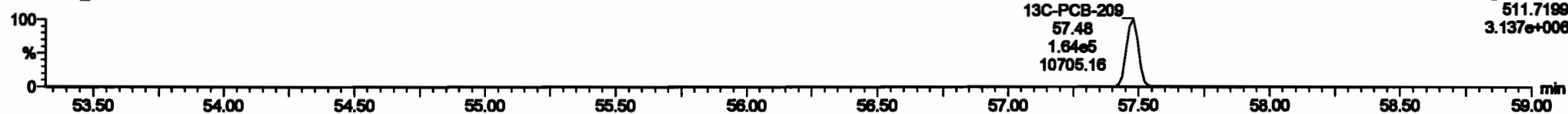


**13C-PCB-209**

200601K1\_1

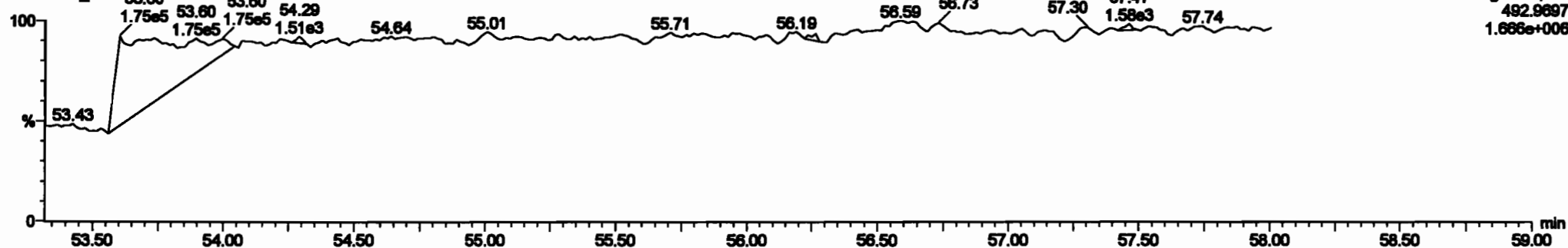


200601K1\_1



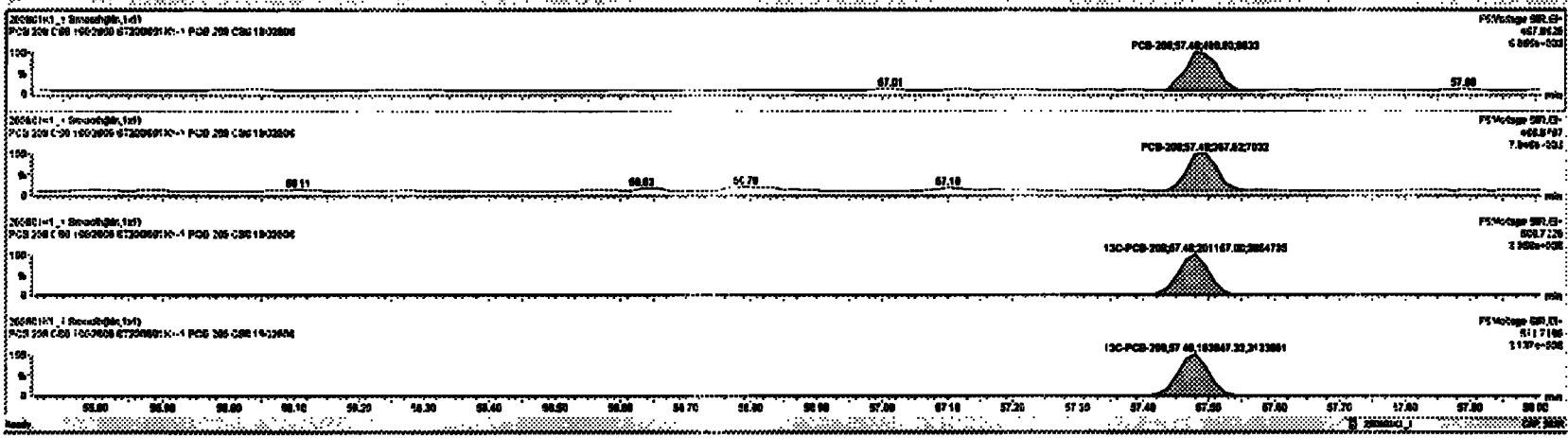
**PFK5b**

200601K1\_1



Item	QTY	UNIT	PRICE	TOTAL	TAX	DISC	NET	GRAND	AMOUNT
227 2nd Purvision 1st-PCBs	0.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
228 Total 1st-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
229 2nd Purvision 2nd-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
230 4th Purvision 2nd-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
231 2nd Purvision 3rd-PCBs	0.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
232 4th Purvision 3rd-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
233 Total 3rd-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
234 4th Purvision 4th-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
235 2nd Purvision 4th-PCBs	1.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
236 Total 4th-PCBs	0.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000
237 Total PCBs	0.0000	1.0000	0.00	0.0000	0.0000	0.0000	ND	0.0000	0.0000

Item	QTY	UNIT	PRICE	TOTAL	TAX	DISC	NET	GRAND	AMOUNT
400 PCB-200	07.00	07.00	4.0000	280.0000	1.7700	1.20	ND	0.20000	0.20000



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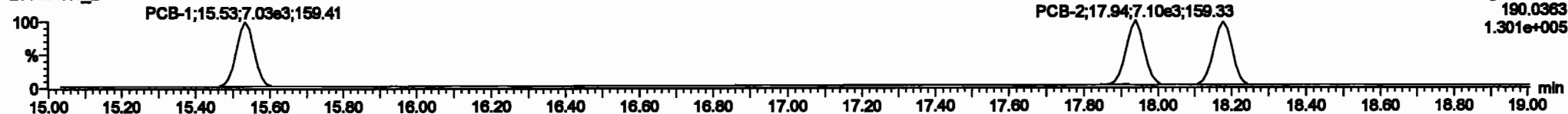
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**PCB-1**

200601K1\_2



200601K1\_2

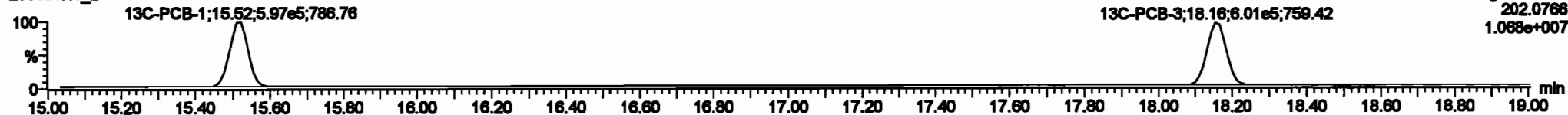


**13C-PCB-1**

200601K1\_2

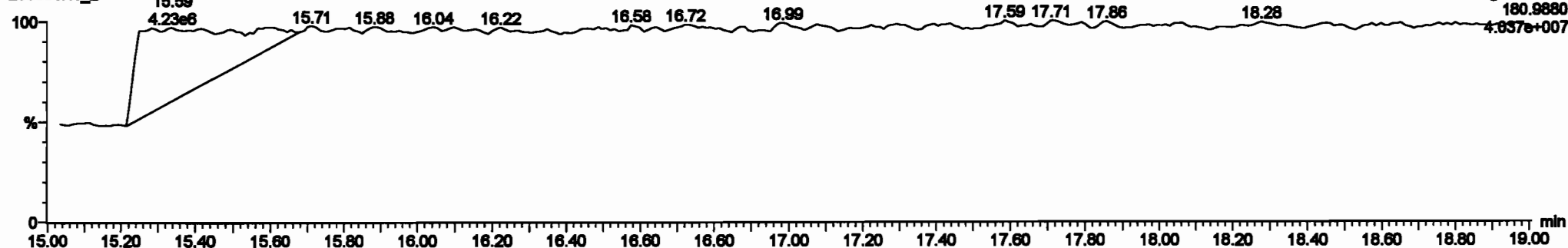


200601K1\_2



**PFK1**

200601K1\_2

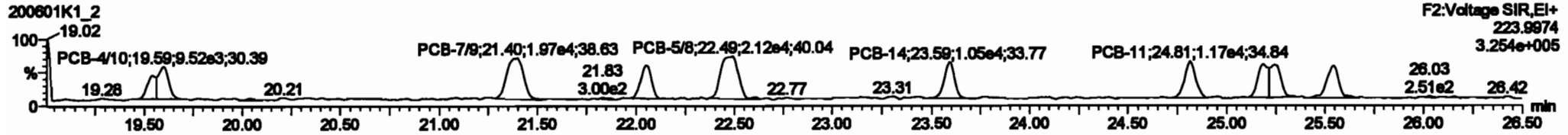
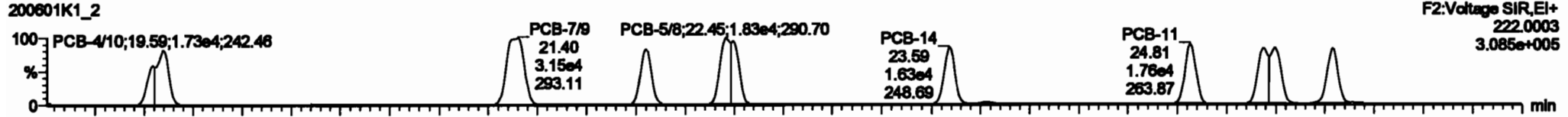


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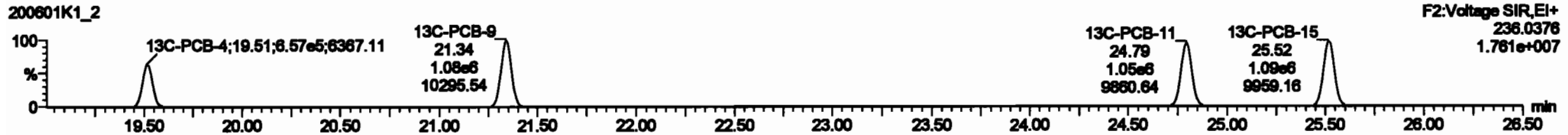
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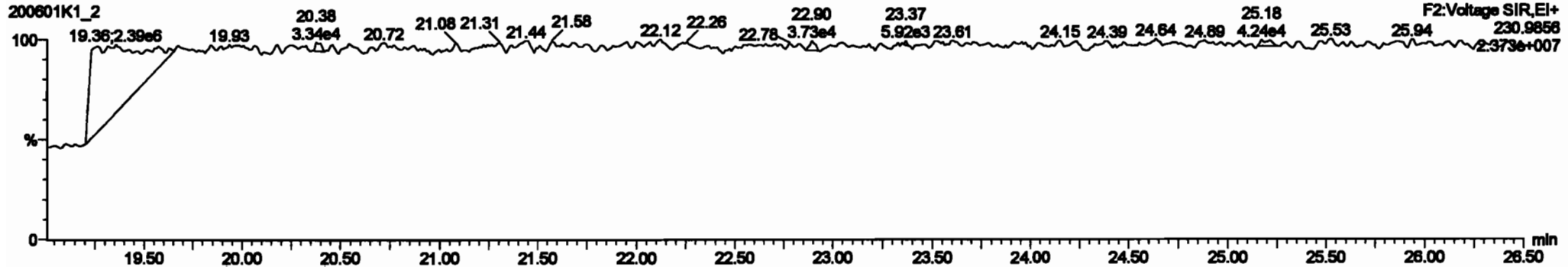
PCB-4/10



13C-PCB-4



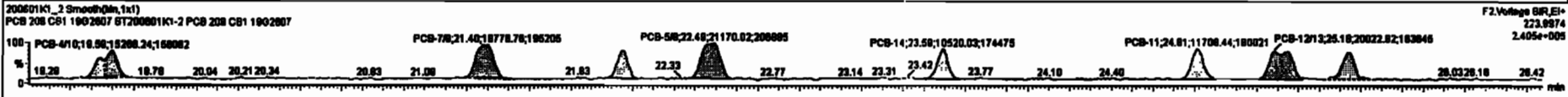
PFK2a





#	Name	Range	RA	Qty	Unit	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT	ProdRate	WT
223	13C-PCB-178	7.18e6	0.45	NO	1.0000	1.000	46.87	46.87	0.823	0.823	NO	104.2	104	0.872					
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 Poly-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.000		0.000	0.000				
226	2nd Function TH-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0852	7.832				
227	2nd Function TH-PCBs				0.8828	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71				
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.382	40.38				
229	2nd Function Para-PCBs				1.3187	1.000	0.00	0.00	0.000	0.000	NO	38.87		0.870	38.87				
230	4th Function Para-PCBs				1.0736	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785				
231	2nd Function Heme-PCBs				0.8828	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32				
232	4th Function Heme-PCBs				1.0316	1.000	0.00	0.00	0.000	0.000	NO	28.45		0.302	28.45				
233	Total Heme-PCBs				1.3891	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.230	23.19				
234	4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.216		0.0785	0.216				

#	Name	ProdRate	WT	wt Range	wt 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	1.48	NO	1.8870	1.8888
5	8 PCB-14	23.80	23.80	1.821e4	1.852e4	1.580	1.58	NO	0.87700	0.87678
6	9 PCB-11	24.81	24.81	1.771e4	1.171e4	1.580	1.81	NO	0.88700	0.88713
7	10 PCB-13/13	25.25	25.25	3.170e4	2.002e4	1.580	1.58	NO	1.8880	1.8885
8	11 PCB-15	26.80	26.80	1.829e4	1.021e4	1.580	1.88	NO	0.88400	0.88381

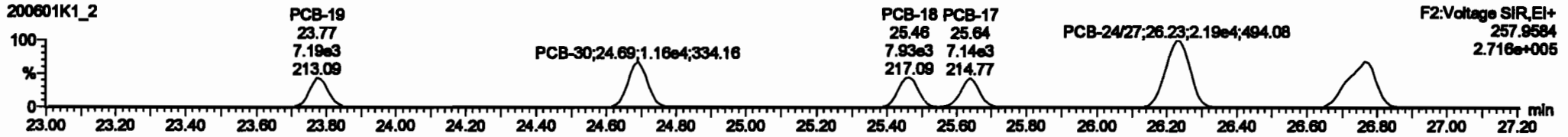


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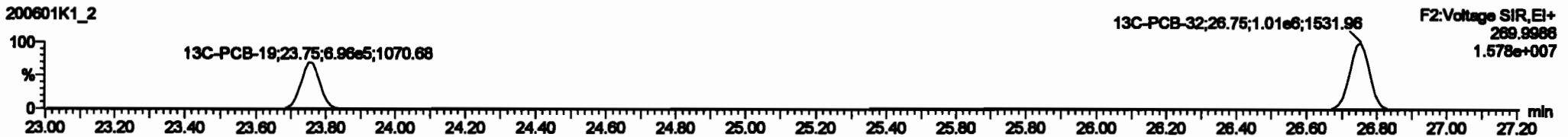
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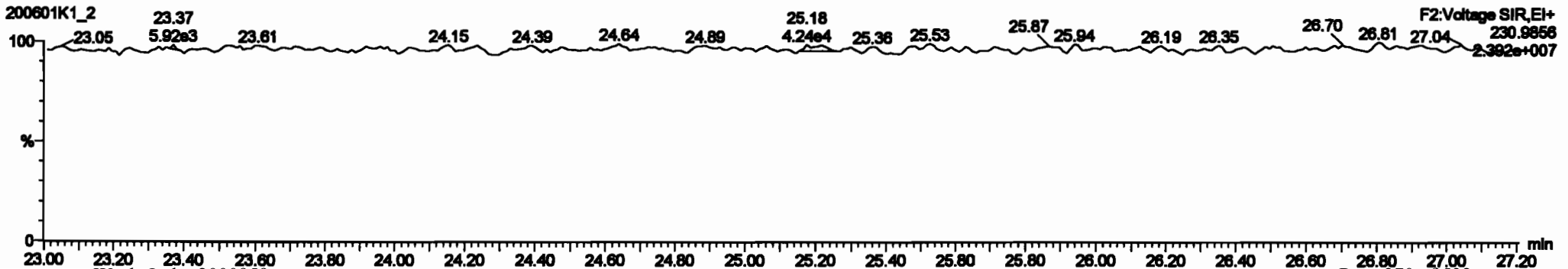
**PCB-19**



**13C-PCB-19**

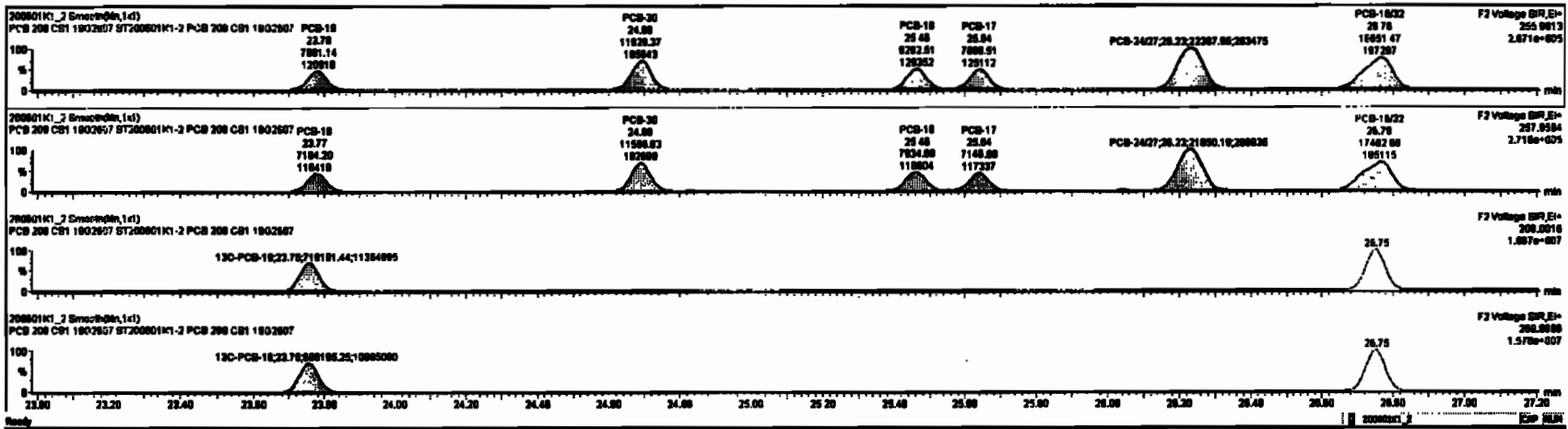


**PFK2b**



#	Name	Step	RA	RY	RFY	Offset	Height	SE	PeakA	HT	HT PC	Comp	Width	Area	Height
223	13C-PCB-178	7.50e5	0.48	ND	1.0000	1.000	46.87	0.023	0.023	ND	104.2	104	0.0072	2.854	0.0072
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	2.854		0.0000	2.854	
225	Total Di-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	11.30		0.0000	11.30	
226	Total Tri-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	18.71		0.0000	18.71	
227	2nd Purition Tri-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	18.71		0.0000	18.71	
228	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	40.20		0.0000	40.20	
229	2nd Purition Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	38.67		0.0000	38.67	
230	4th Purition Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	4.788		0.0000	4.788	
231	2nd Purition Hemo-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	13.33		0.0000	13.33	
232	4th Purition Hemo-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	28.48		0.0000	28.48	
233	Total Hemo-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	25.16		0.0000	25.16	
234	4th Purition Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	8.215		0.0000	8.215	

#	Name	PeakA	HT	HT PC	Offset	Height	SE	PeakA	HT	HT PC	Comp
1	13 PCB-18	23.79	23.79	7.00e0	7.10e0	1.000	1.00	ND	0.0000	0.0000	0.0000
2	13 PCB-20	24.80	24.80	1.10e0	1.10e0	1.000	1.00	ND	0.0000	0.0000	0.0000
3	14 PCB-18	26.48	26.48	8.20e0	7.80e0	1.000	1.00	ND	0.0000	0.0000	0.0000
4	15 PCB-17	26.84	26.84	7.00e0	7.50e0	1.000	1.00	ND	0.0000	0.0000	0.0000
5	16 PCB-2407	28.20	28.20	2.50e0	2.50e0	1.000	1.00	ND	1.0000	1.0000	1.0000
6	17 PCB-1822	26.77	26.78	1.00e0	1.70e0	1.000	1.00	ND	1.0000	1.0000	1.0000

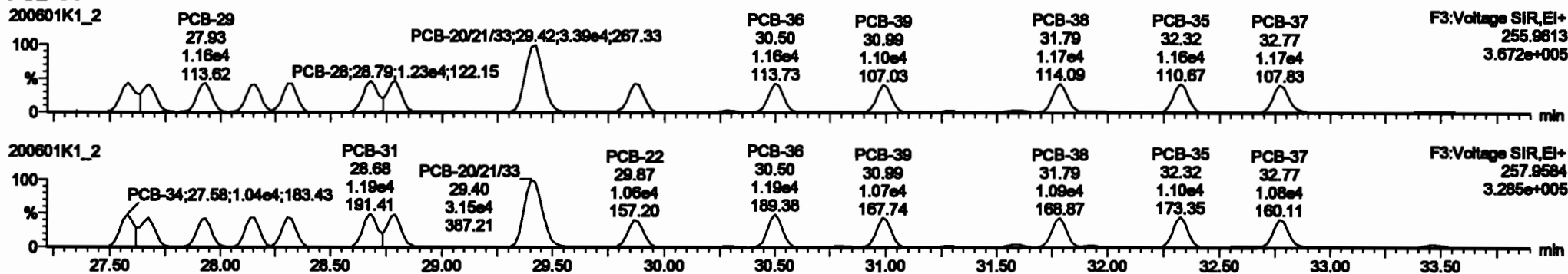


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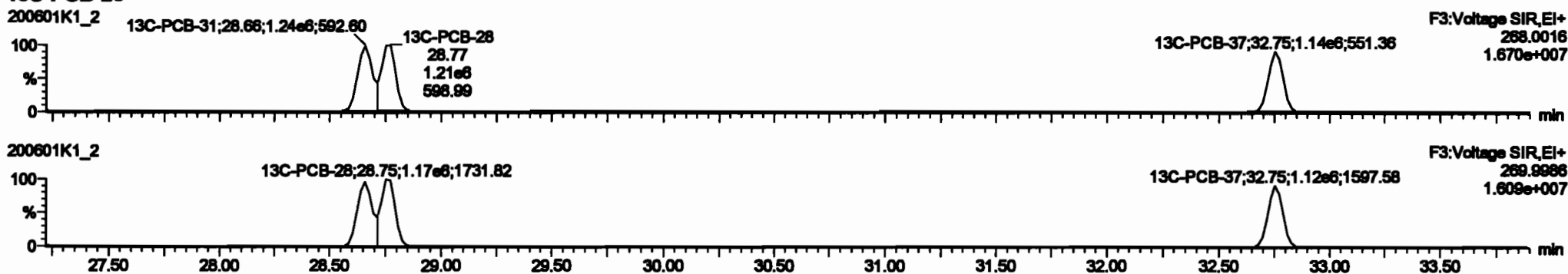
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Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

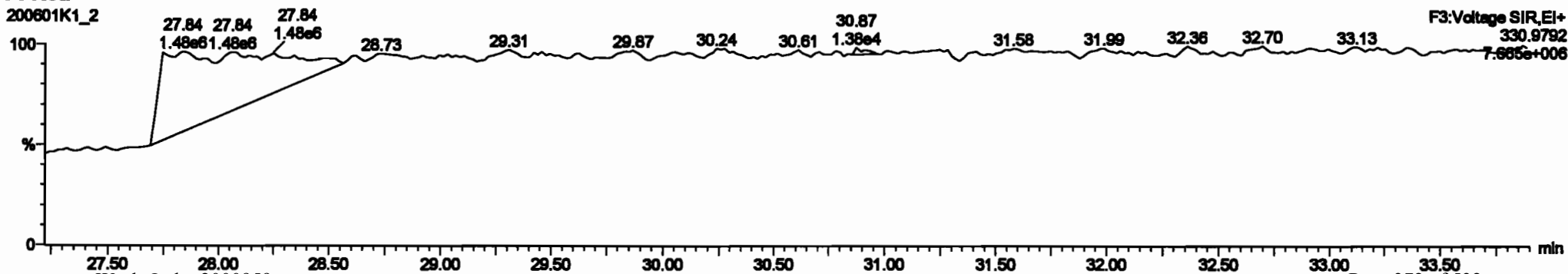
**PCB-34**



**13C-PCB-28**

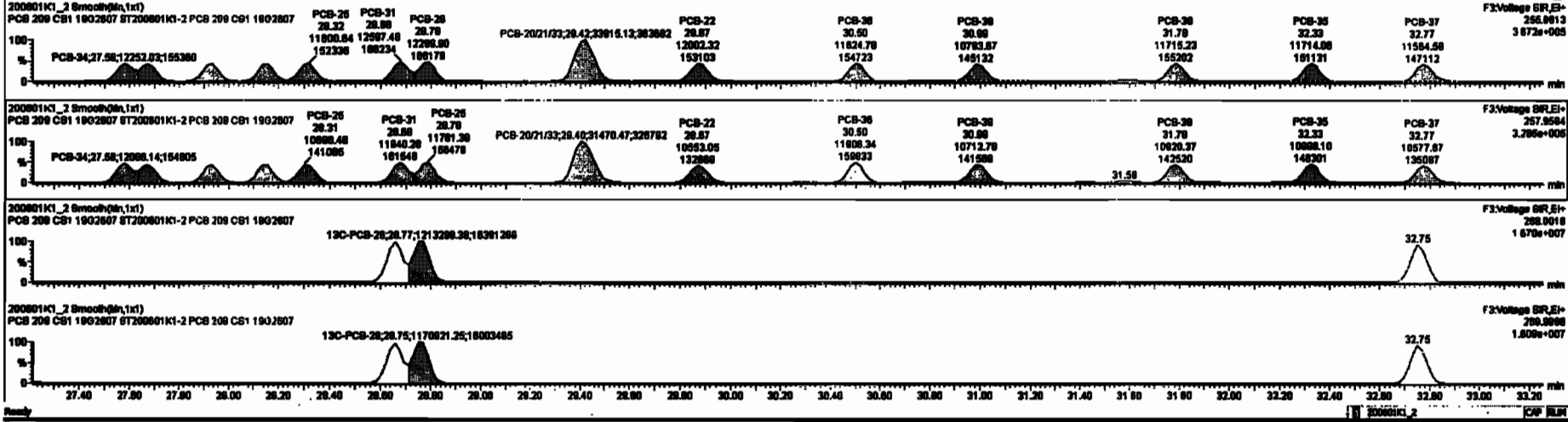


**PFK3d**



PCB	PCB Type	7.18e5	6.65	NO	1.5020	1.000	45.87	42.87	0.023	0.023	NO	104.2	104	0.2872	0.2872
220	Total PCBs				1.5020	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.2228	2.884
225	Total D-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
226	2nd Function D-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	7.852		0.0993	7.852
228	Total Tetro-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	49.38		0.262	49.38
229	2nd Function Tetro-PCBs				1.3167	1.000	0.00	0.00	0.000	0.000	NO	28.87		0.070	28.87
230	4th Function Tetro-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				0.8998	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.00	0.000	0.000	NO	28.46		0.262	28.46
233	Total Hexas-PCBs				1.3981	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.238	23.18
234	4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.216		0.0786	8.216

PCB	PCB Type	27.89	27.89	1.228e4	1.208e4	1.040	1.01	NO	1.0800	1.0788
18	PCB-34									
19	PCB-33									
20	PCB-38									
21	PCB-36									
22	PCB-35									
23	PCB-31									
24	PCB-39									
25	PCB-30(21/33)									
26	PCB-32									



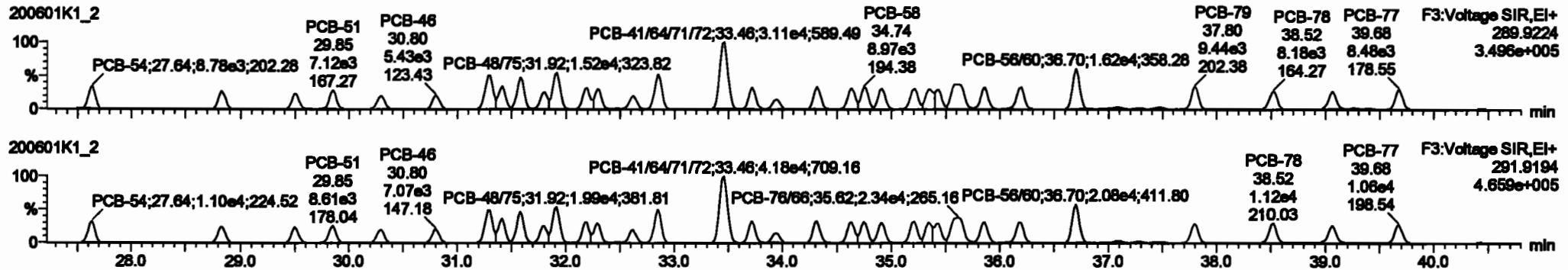
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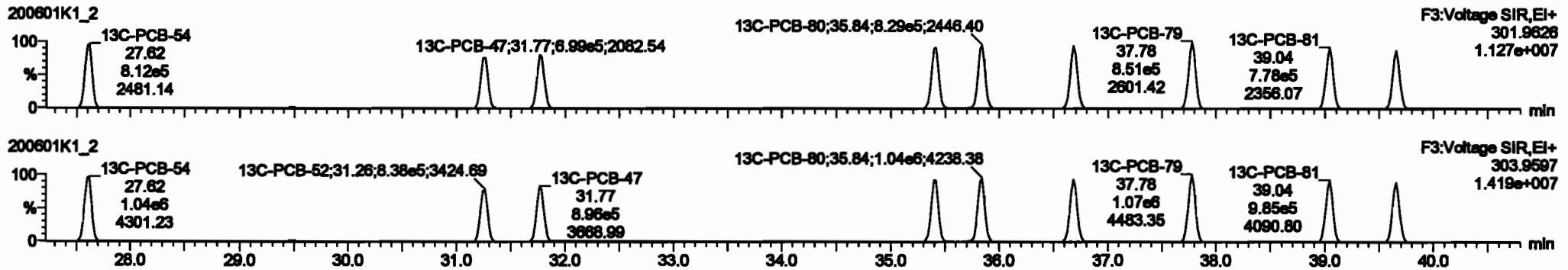
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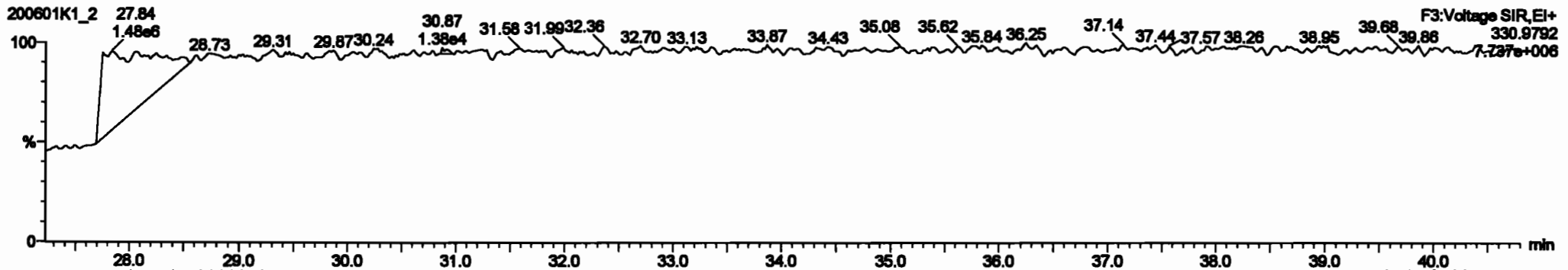
**PCB-54**



**13C-PCB-54**



**PFK3a**



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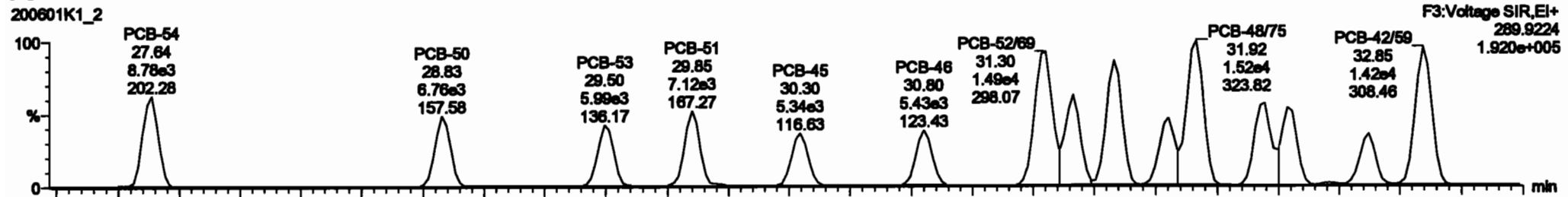
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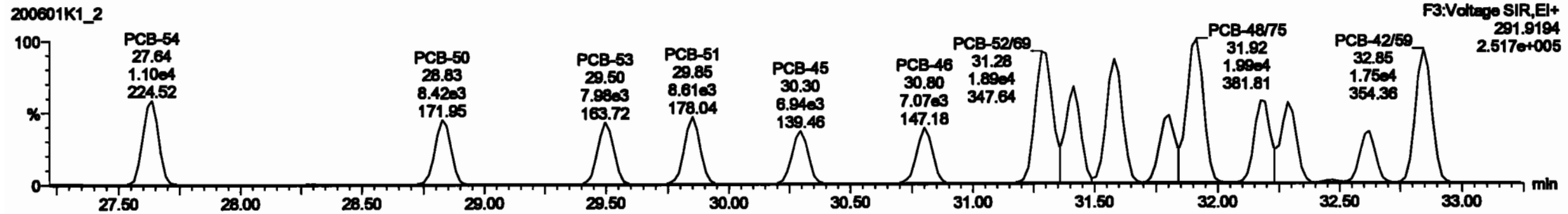
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PCB-50

200601K1\_2



200601K1\_2

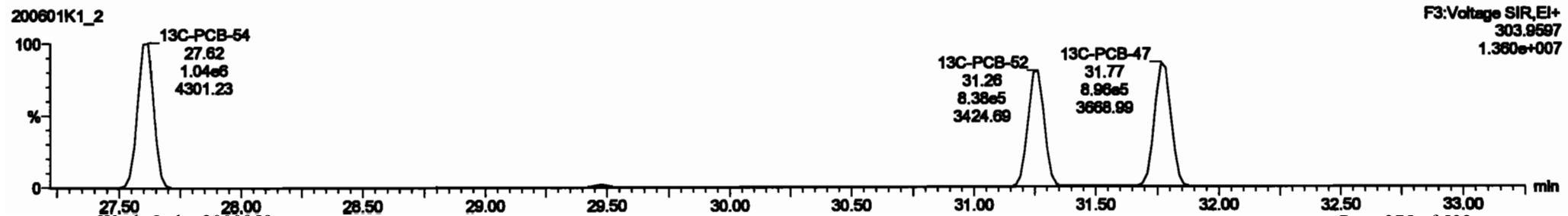


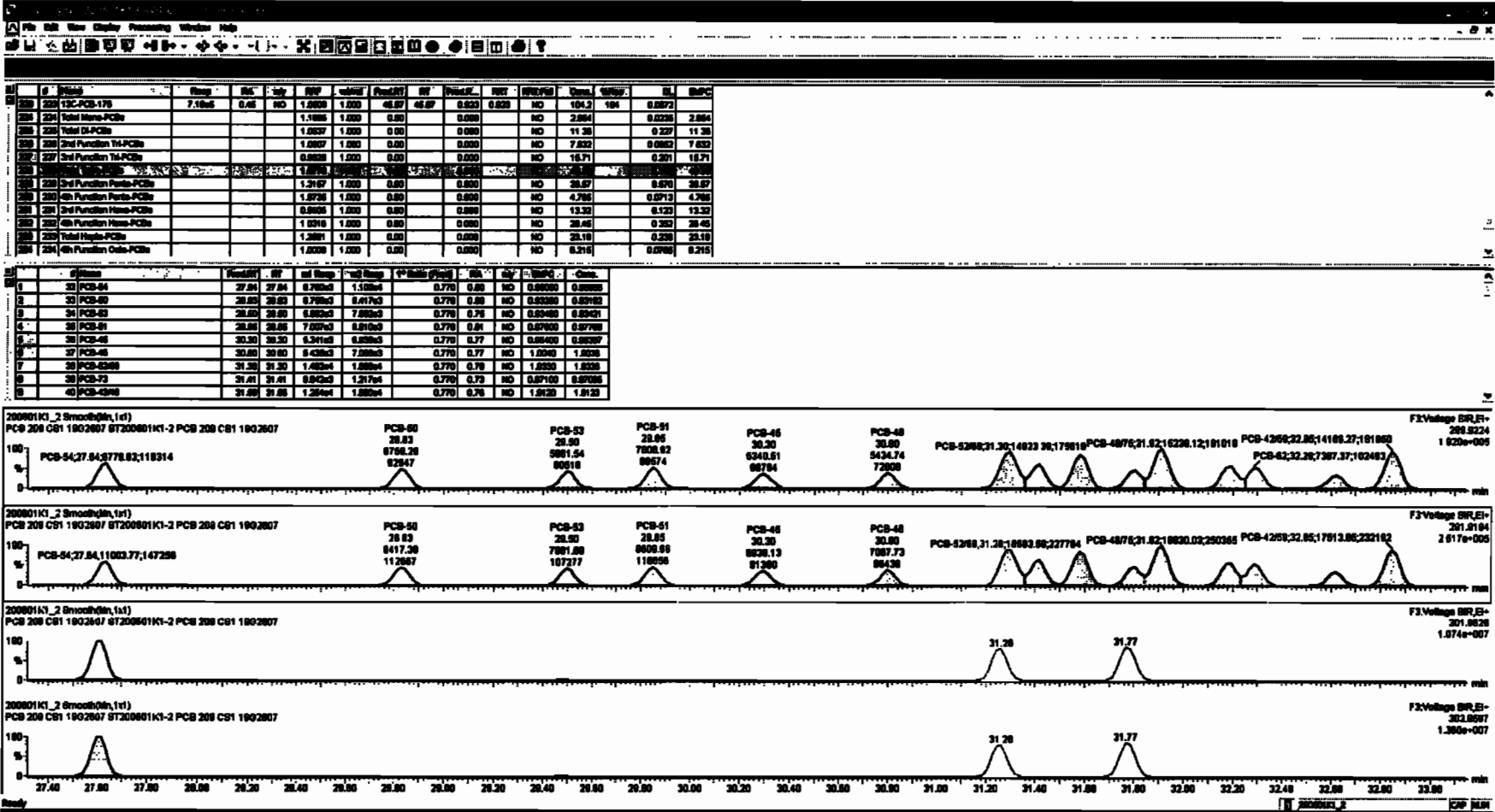
13C-PCB-52

200601K1\_2



200601K1\_2







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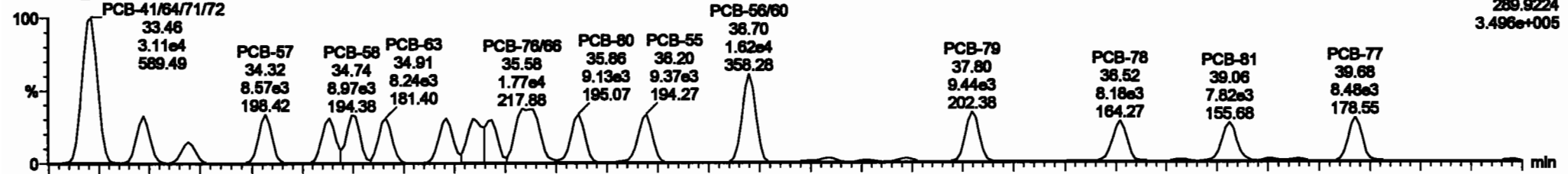
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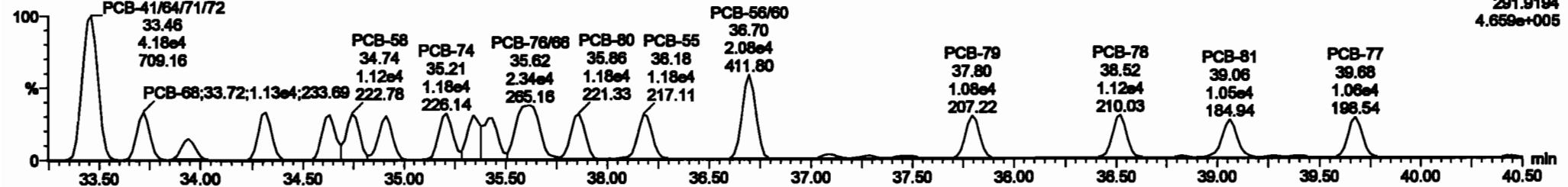
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PCB-68

200601K1\_2

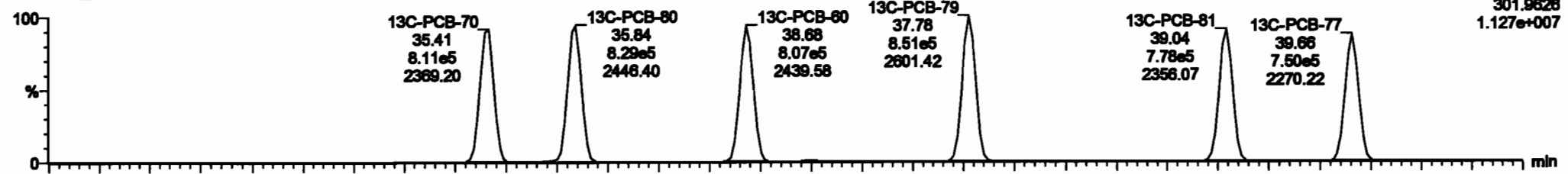


200601K1\_2

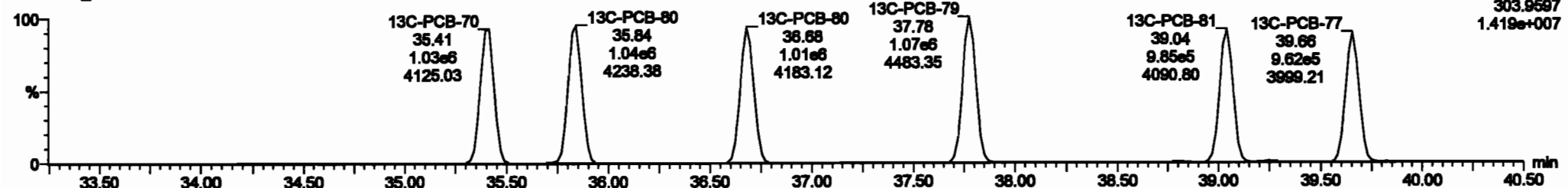


13C-PCB-60

200601K1\_2

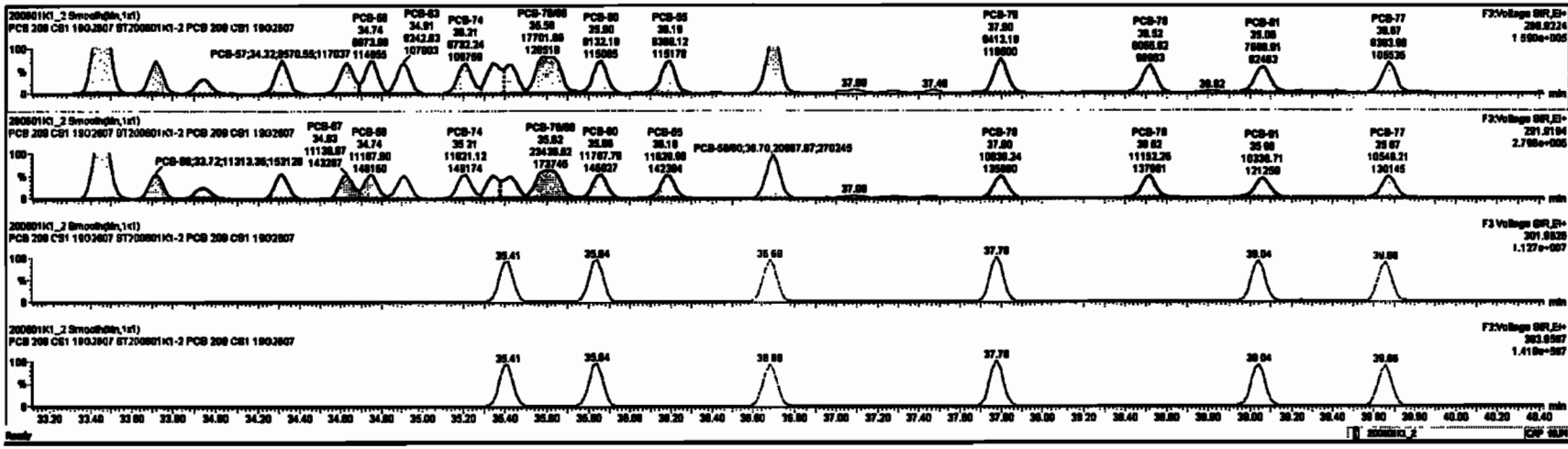


200601K1\_2



#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdA	QTY	RFV	Cost	Unit	QTY	Cost
220	13C-PCB-170	7.1000	0.05	NO	1.0000	1.000	46.67	46.67	0.000	0.000	NO	104.3	104	0.0072	2.864
221	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.864	104	0.0238	2.864
222	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38	104	0.227	11.38
223	Total Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832	104	0.000	7.832
224	Total Tetra-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71	104	0.201	15.71
225	Total Mono-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	4.768	104	0.000	4.768
226	Total Di-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67	104	0.870	38.67
227	Total Tri-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.768	104	0.0713	4.768
228	Total Tetra-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.52	104	0.120	13.52
229	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.48	104	0.383	38.48
230	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.18	104	0.238	23.18
231	Total Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.918	104	0.078	8.918
232	Total Tetra-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.918	104	0.078	8.918

#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdA	QTY	RFV	Cost	Unit	QTY	Cost
30	PCB-04	27.04	27.04	0.7000	1.0000	0.770	0.80	NO	0.00000	0.00000	NO	0.00000	0.00000	0.00000	0.00000
31	PCB-05	28.00	28.00	0.7000	0.4170	0.770	0.80	NO	0.00000	0.00163	NO	0.00000	0.00163	0.00000	0.00163
32	PCB-03	28.00	28.00	0.8000	7.0000	0.770	0.76	NO	0.00000	0.00000	NO	0.00000	0.00000	0.00000	0.00000
33	PCB-01	28.00	28.00	7.0000	0.0100	0.770	0.81	NO	0.00000	0.00000	NO	0.00000	0.00000	0.00000	0.00000
34	PCB-06	30.30	30.30	0.3410	0.0000	0.770	0.77	NO	0.00000	0.00000	NO	0.00000	0.00000	0.00000	0.00000
35	PCB-08	30.00	30.00	0.4300	7.0000	0.770	0.77	NO	1.00000	1.00000	NO	1.00000	1.00000	0.00000	1.00000
36	PCB-0200	31.20	31.20	1.4000	1.0000	0.770	0.70	NO	1.00000	1.00000	NO	1.00000	1.00000	0.00000	1.00000
37	PCB-22	31.01	31.01	0.0000	1.2100	0.770	0.73	NO	0.00000	0.00000	NO	0.00000	0.00000	0.00000	0.00000

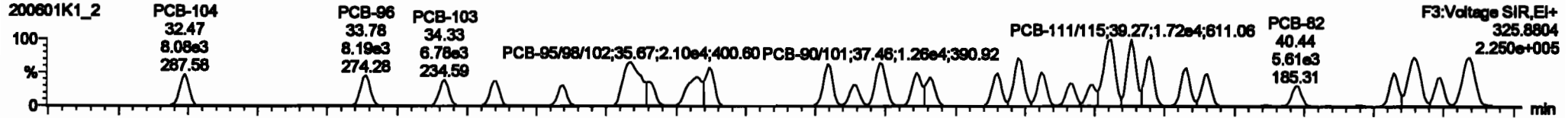


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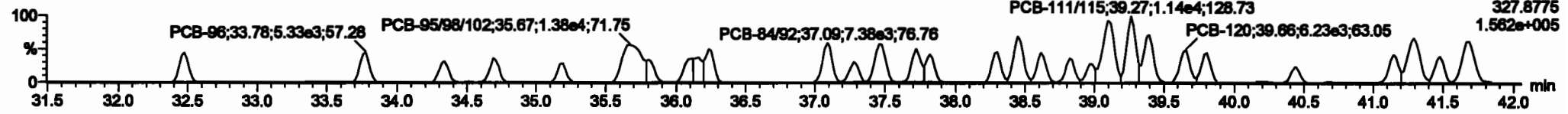
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Name: 200601K1\_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

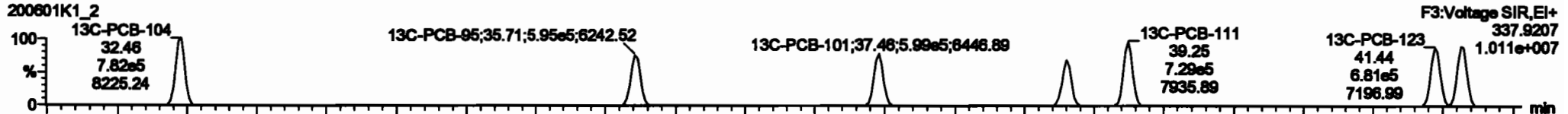
**PCB-104**



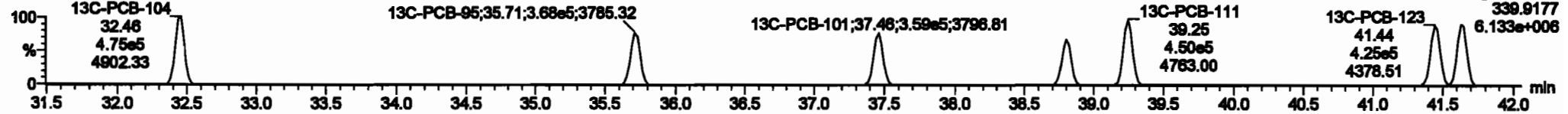
**200601K1\_2**



**13C-PCB-104**



**200601K1\_2**



**PFK3b**

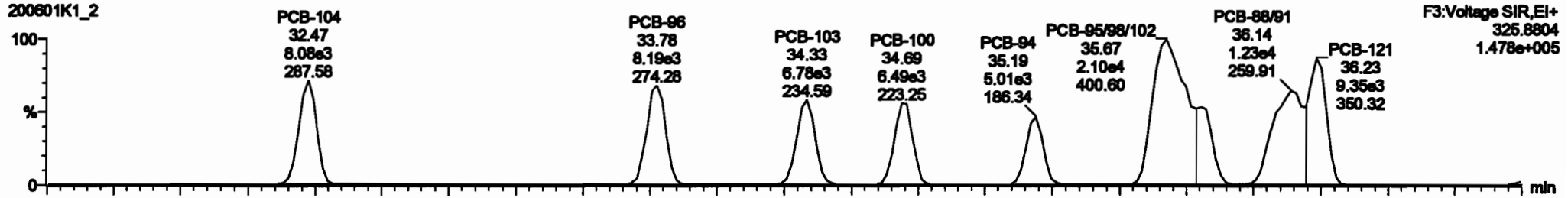


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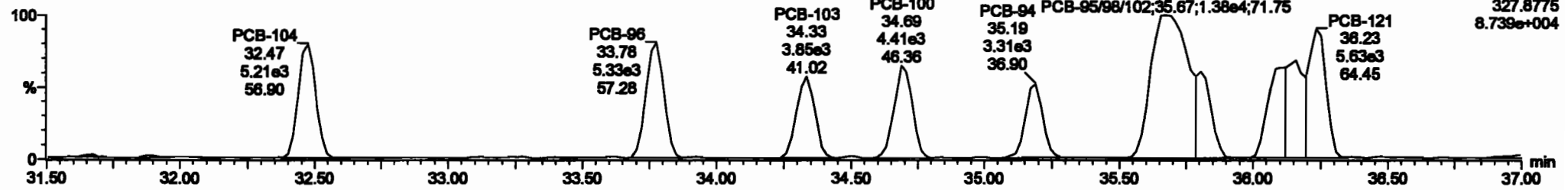
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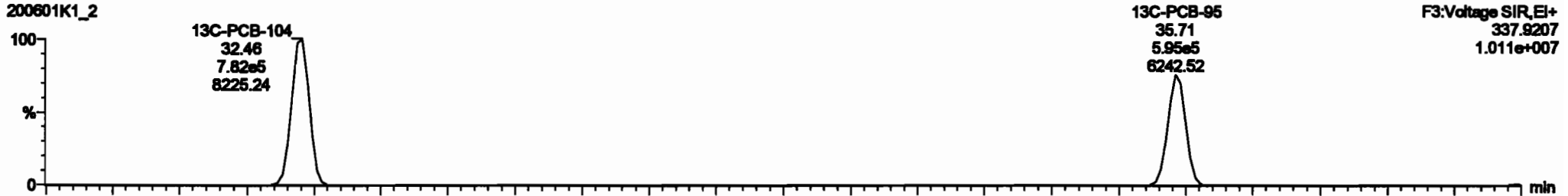
PCB-96



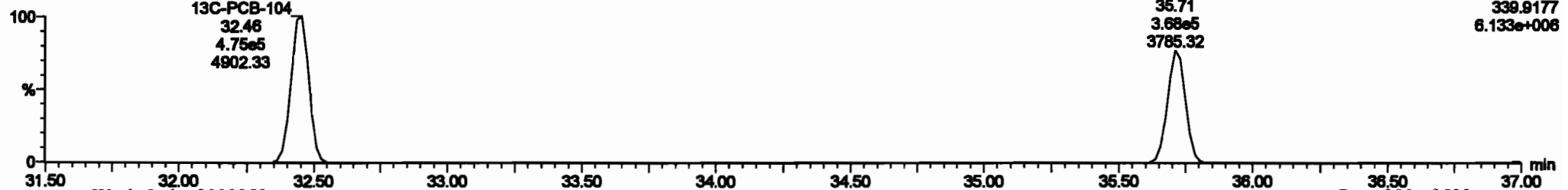
200601K1\_2



13C-PCB-95

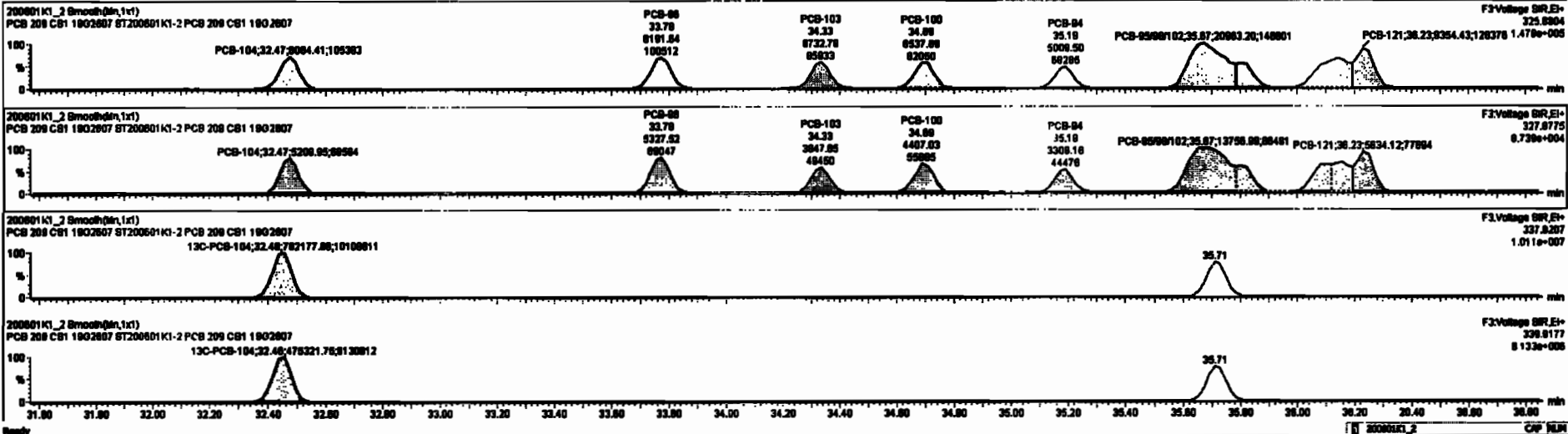


200601K1\_2



#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	PSpec	QRT	QRT Fail	Cont.	Stiles	DL	EMPC
223	13C-PCB-178	7.1Inch	0.45	NO	1.2000	1.000	46.87	46.87	0.000	0.000	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		0.0000	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	7.802		0.0000	7.802
227	3rd Function Tri-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	16.71		0.201	16.71
228	Total Tube-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.302	40.38
229	4th Function Pent-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	30.07		0.0000	30.07
230	6th Function Pent-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0013	4.785
231	2nd Function Hexa-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
232	4th Function Hexa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	26.46		0.382	26.46
233	Total Hepta-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.238	23.19
234	2nd 4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	8.999		0.0999	8.999

#	Name	Step	PA	Qty	QSP	Initial	Prod RT	RT	PSpec	QRT	QRT Fail	Cont.	Stiles	DL	EMPC
64	PCB-104				32.47	32.47	0.000e0	0.210e3	1.000	1.00	NO	0.04300	0.04218		
65	PCB-88				33.78	33.78	0.100e3	0.320e3	1.000	1.04	NO	0.00200	0.00176		
66	PCB-103				34.33	34.33	0.720e3	3.000e3	1.000	1.75	NO	0.00000	0.00004		
67	PCB-100				34.88	34.88	0.000e3	4.400e3	1.000	1.48	NO	0.01300	0.01274		
68	PCB-84				35.18	35.18	0.010e3	3.300e3	1.000	1.01	NO	0.01000	0.00880		
69	PCB-8500102				35.87	35.87	2.000e4	1.370e4	1.000	1.82	NO	2.00000	2.00000		
70	PCB-88				36.78	36.78	0.200e3	3.300e3	1.000	1.88	NO	0.00000	0.00000		
71	PCB-8801				38.14	38.14	1.200e4	0.000e3	1.000	1.82	NO	1.00000	1.00000		



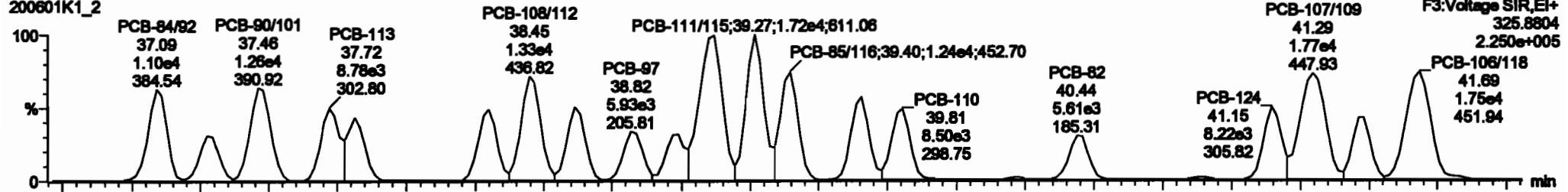
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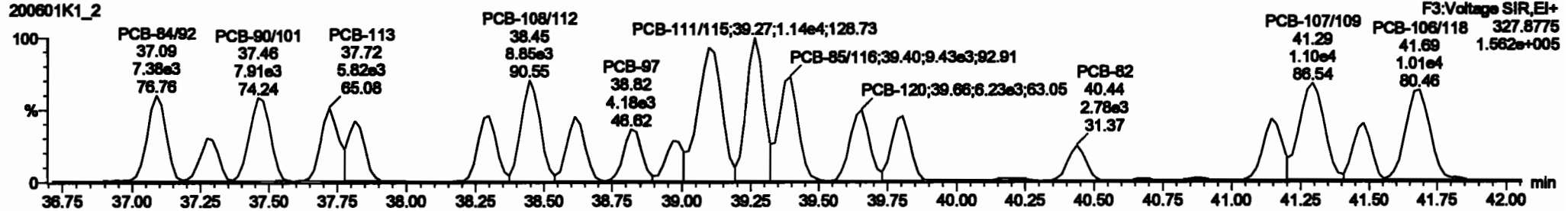
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PCB-119

200601K1\_2

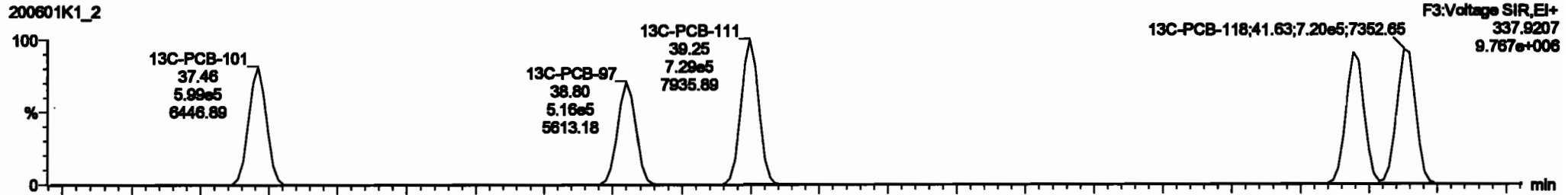


200601K1\_2

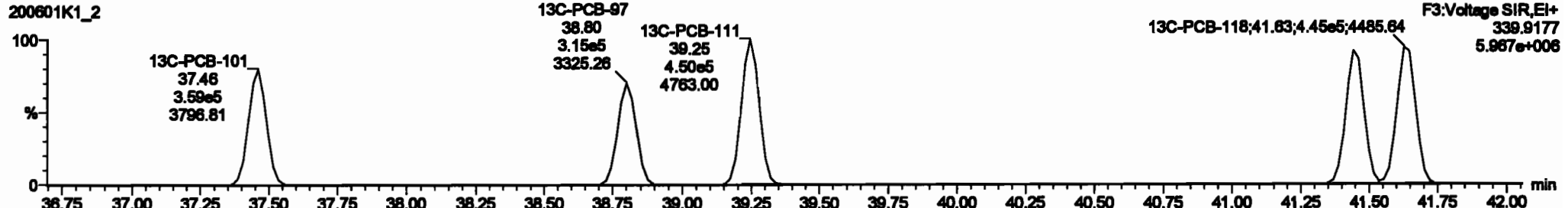


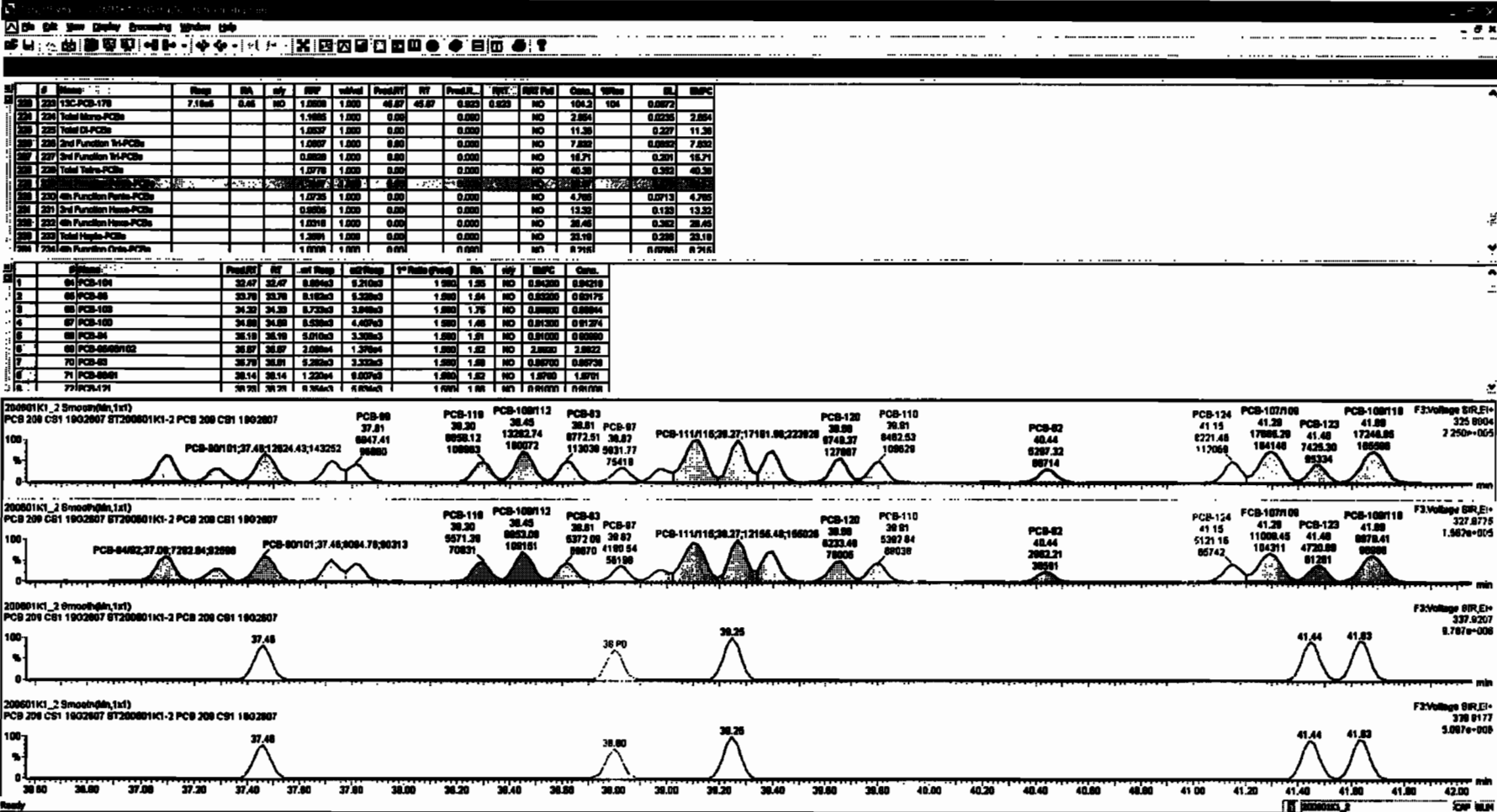
13C-PCB-111

200601K1\_2



200601K1\_2



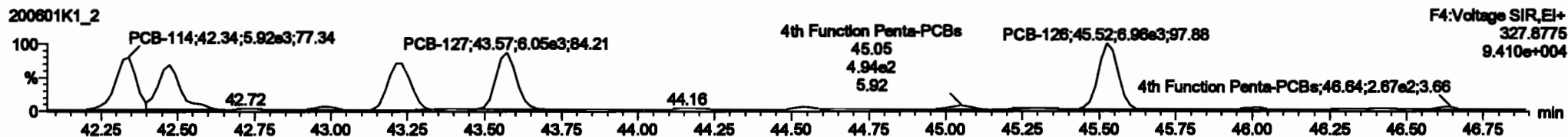
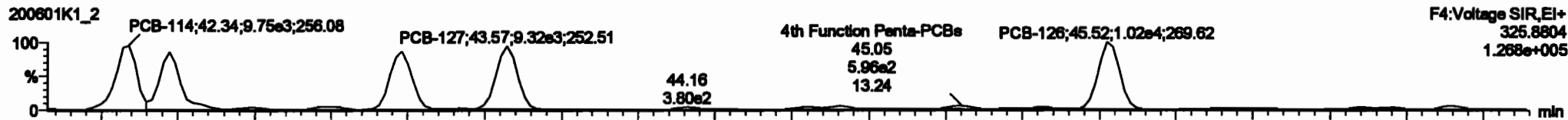


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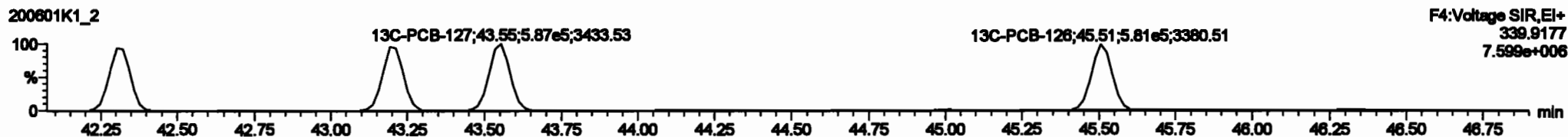
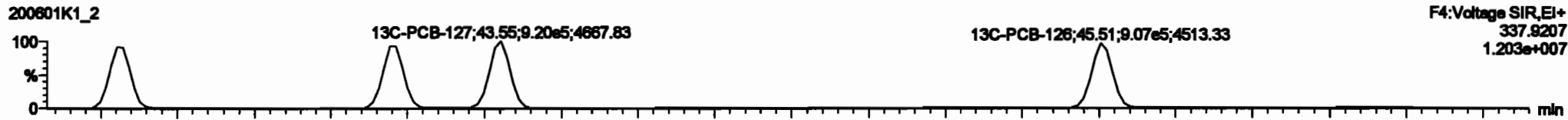
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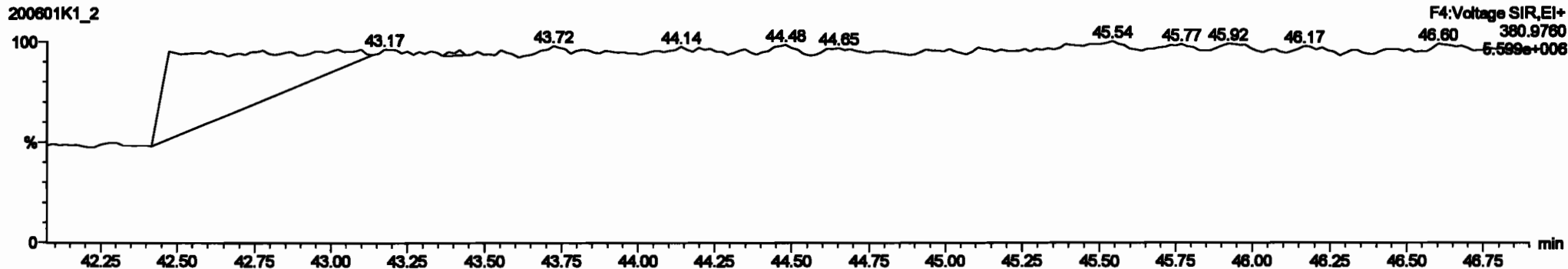
PCB-114



13C-PCB-114



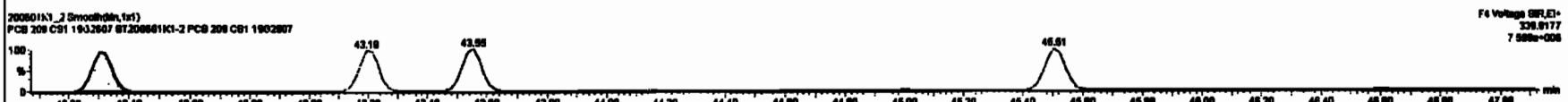
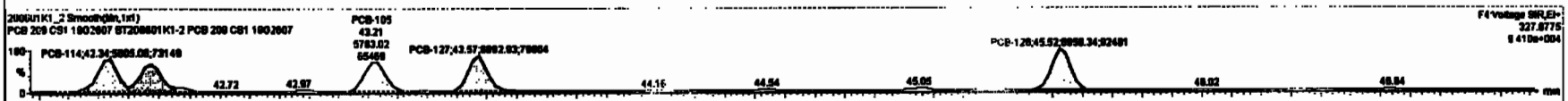
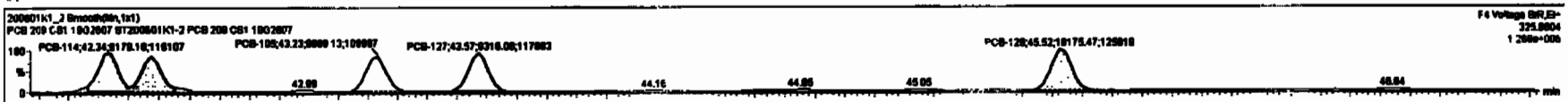
PFK4a





#	Name	Area	RA	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%	GC	WPC
220	12C-PCB-170	7.18e5	0.45	NO	1.0000	1.000	45.97	45.97	0.023	0.023	NO	104.2	104	0.0072	
224	Total Mono-PCBs				1.0000	1.000					NO	2.804		0.0206	2.804
226	Total Di-PCBs				1.0000	1.000					NO	11.38		0.327	11.38
228	Total Tri-PCBs				1.0000	1.000					NO	7.832		0.0002	7.832
229	Total Tetra-PCBs				0.0020	1.000					NO	18.71		0.301	18.71
230	Total Penta-PCBs				1.0770	1.000					NO	40.38		0.302	40.38
231	Total Hexa-PCBs				1.2167	1.000					NO	38.67		0.670	38.67
232	Total Hepta-PCBs				1.0000	1.000					NO	13.32		0.123	13.32
233	Total Octa-PCBs				0.0000	1.000					NO	28.48		0.302	28.48
234	Total Non-PCBs				1.0000	1.000					NO	23.10		0.000	23.10
235	Total PCBs				1.0000	1.000					NO	8.918		0.000	8.918

#	Name	Area	Wt	FWT	Wdth	PeakRT	RT	PeakID	FWT	Wdth	Area	Wt%
1	PCB-114	42.35	42.34	0.170e3	0.020e3	1.000	1.00	NO	0.00100	0.00002		
2	PCB-122	42.47	42.47	0.200e3	0.111e3	1.000	1.00	NO	0.00700	0.00001		
3	PCB-105	43.31	43.23	0.000e3	0.700e3	1.000	1.00	NO	0.00700	0.00011		
4	PCB-127	43.97	43.97	0.310e3	0.000e3	1.000	1.00	NO	0.00000	0.00002		
5	PCB-128	45.82	45.82	1.010e4	0.000e3	1.000	1.00	NO	0.00200	0.00210		



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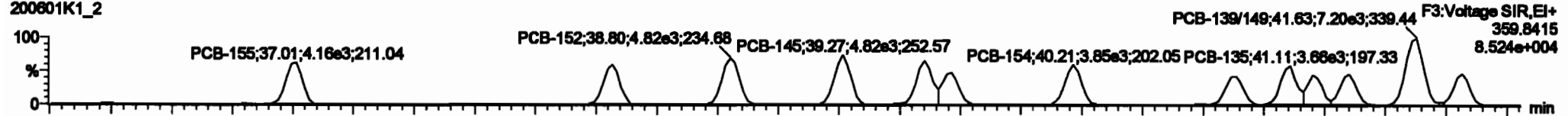
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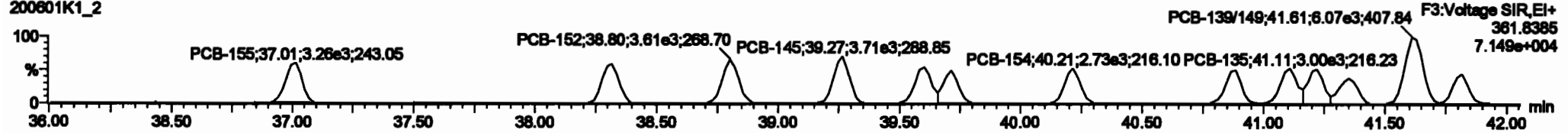
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**PCB-155**

200601K1\_2

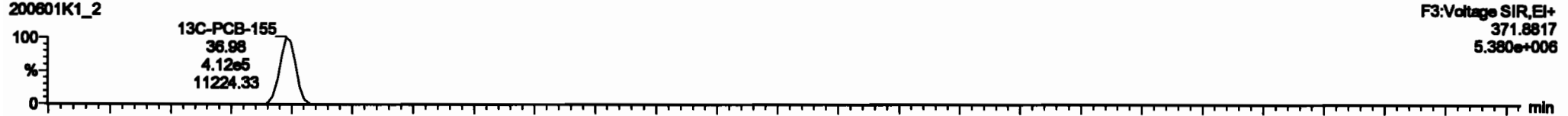


200601K1\_2

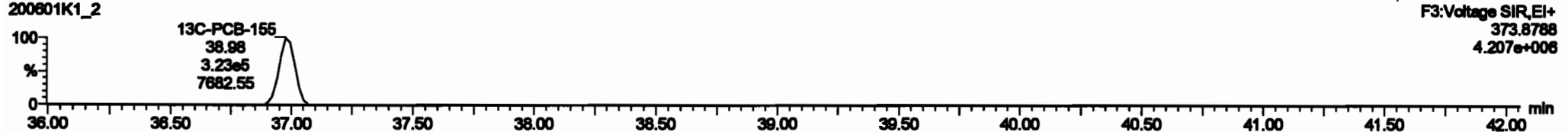


**13C-PCB-155**

200601K1\_2

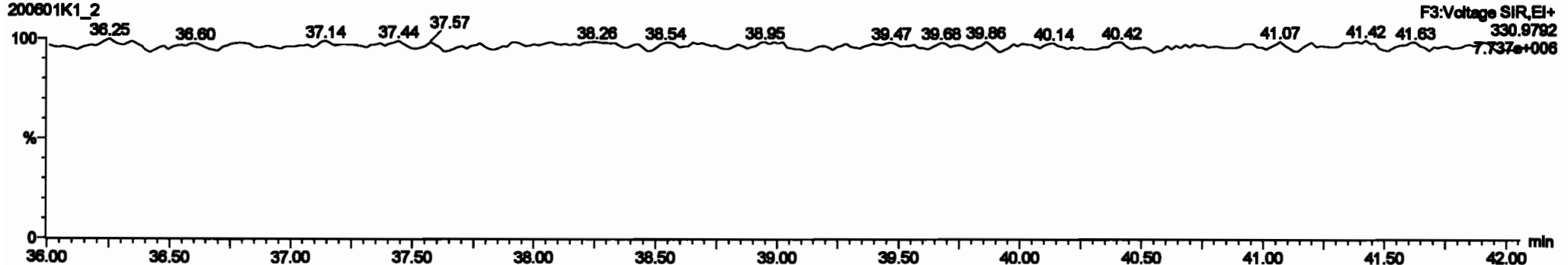


200601K1\_2



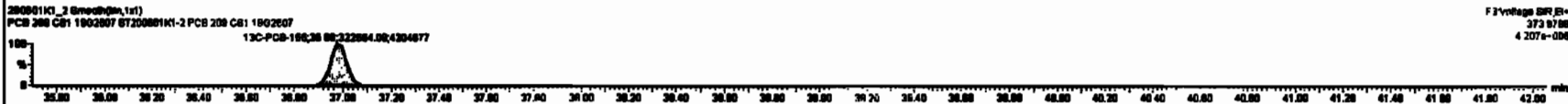
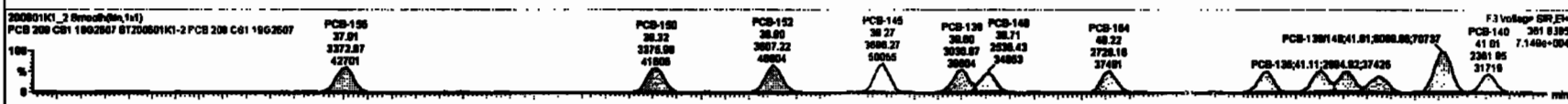
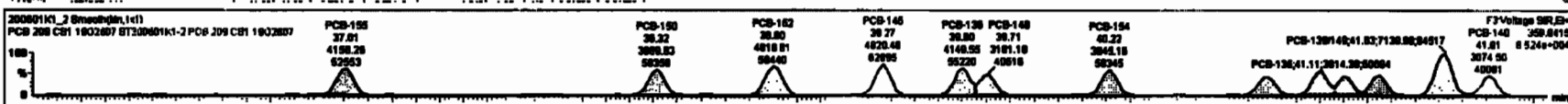
**PFK3c**

200601K1\_2



#	Name	Range	Min	Max	PPM	Volts	Preval	Postval	Preval	Postval	Volts	Preval	Postval	Volts	Preval	Postval	Volts	Preval	Postval
220	13C-PCB-178	7.18ud	0.45	ND	1.0000	1.000	46.67	46.67	0.000	0.000	ND	104.2	104	0.0072					
224	Total Mono-PCBs				1.1895	1.000	0.00	0.00	0.000	0.000	ND	2.894		0.0236	2.894				
226	Total Di-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	ND	11.30		0.207	11.30				
228	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	ND	7.830		0.0000	7.830				
227	2nd Function Tetra-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	ND	16.71		0.201	16.71				
229	Total Penta-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	ND	48.30		0.362	48.30				
230	2nd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	ND	38.57		0.076	38.57				
232	4th Function Penta-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	ND	4.788		0.0712	4.788				
231	2nd Function Hexa-PCBs				1.0718	1.000	0.00	0.00	0.000	0.000	ND	28.40		0.202	28.40				
233	Total Hepta-PCBs				1.0001	1.000	0.00	0.00	0.000	0.000	ND	23.18		0.228	23.18				
234	2nd 4th Function Octa-PCBs				1.0704	1.000	0.00	0.00	0.000	0.000	ND	8.714		0.0760	8.714				

#	Name	Preval	Post	Volts	Volts	Preval	Post	Volts	Volts	Preval	Post	Volts	Volts
88	PCB-188	38.88	37.81	4.188e3	3.273e3	1.240	1.29	ND	0.89180	0.89137			
89	PCB-189	38.33	38.33	3.888e3	3.379e3	1.240	1.18	ND	0.91280	0.91238			
90	PCB-190	38.88	38.88	4.817e3	3.807e3	1.240	1.24	ND	0.88880	0.88881			
101	PCB-145	38.27	38.27	4.828e3	3.888e3	1.240	1.21	ND	0.87480	0.87388			
102	PCB-128	38.88	38.88	4.188e3	3.81e3	1.240	1.27	ND	0.89080	0.88978			
103	PCB-148	38.71	38.71	3.188e3	2.588e3	1.240	1.28	ND	0.89880	0.89888			
104	PCB-158	48.21	48.21	3.888e3	2.788e3	1.240	1.41	ND	0.87280	0.87218			
105	PCB-161	48.88	48.88	3.888e3	2.888e3	1.240	1.16	ND	1.00010	1.00008			
106	PCB-126	41.11	41.11	3.814e3	2.888e3	1.240	1.27	ND	1.00040	1.00044			

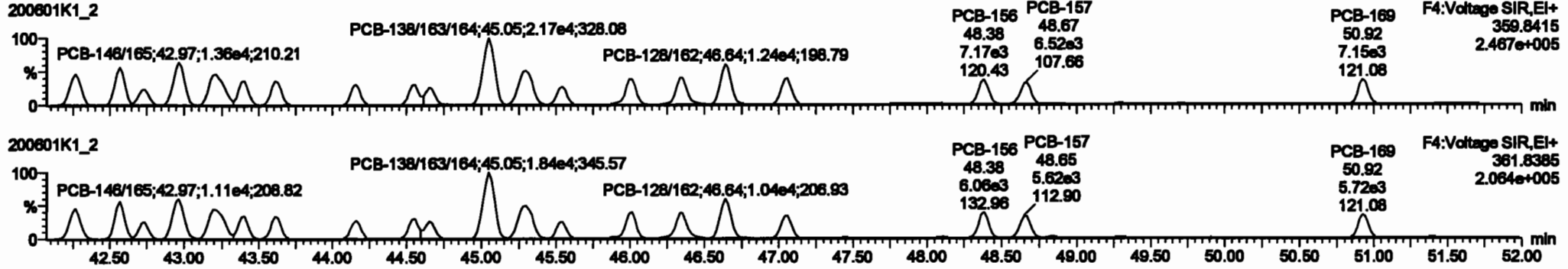


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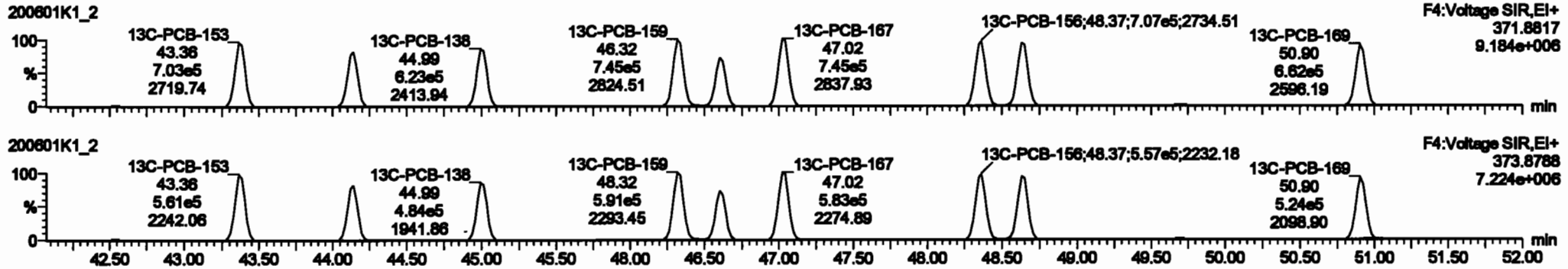
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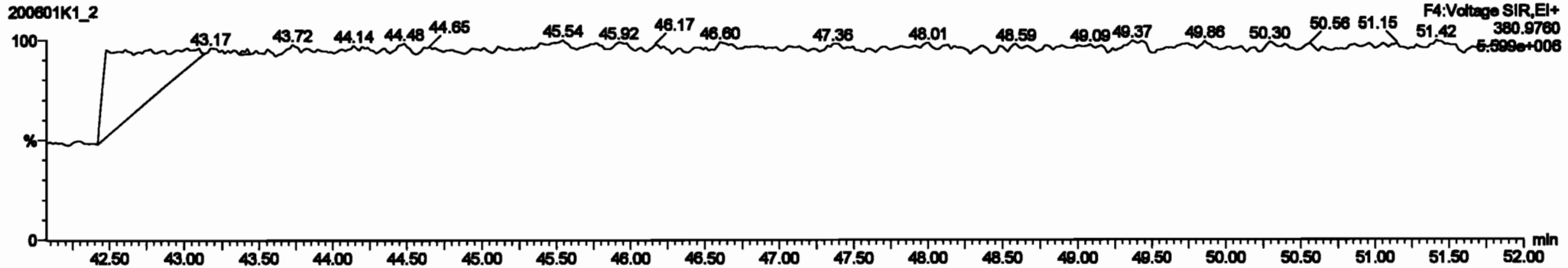
PCB-134/143



13C-PCB-153

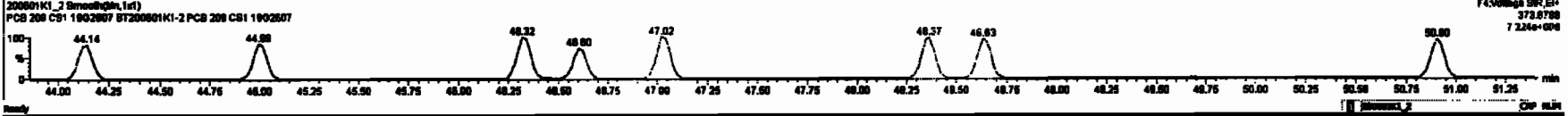
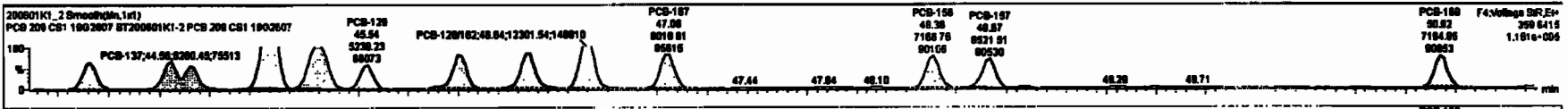


PFK4b



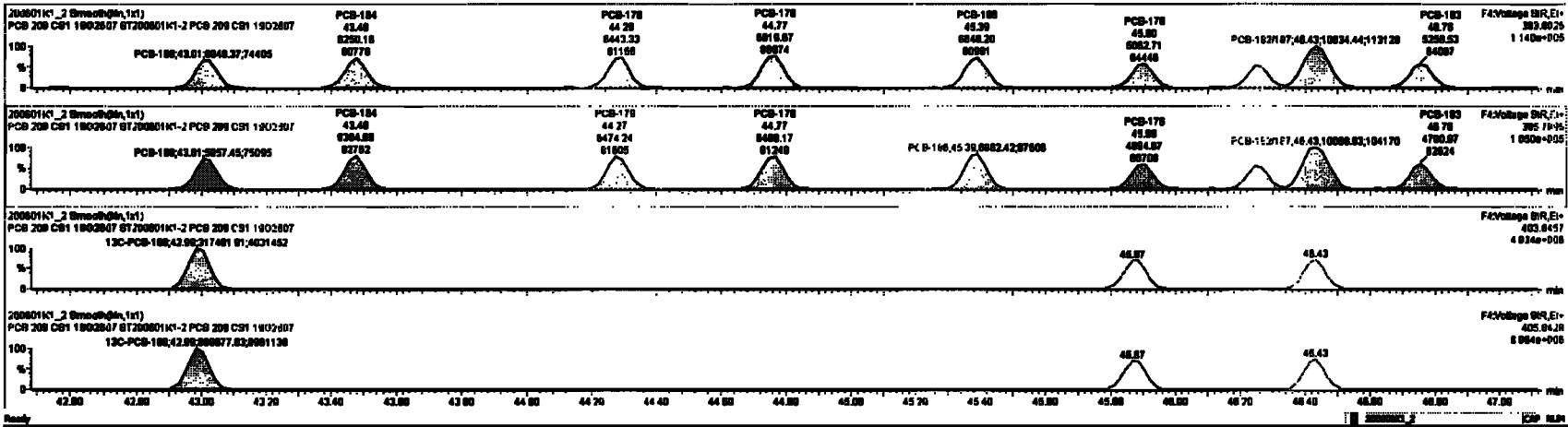
#	Name	Time	Area	%	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
220	13C-PCB-170	7.16m	0.45	NO	1.000	1.000	46.87	46.87	0.000	0.000	NO	104.2	104	0.0072						
221	Total Mono-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0036	2.884					
222	Total Di-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	11.30		0.227	11.30					
223	2nd Furthest Tri-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0002	7.832					
224	2nd Furthest Tetra-PCBs				0.800	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71					
225	Total Tetra-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	40.30		0.202	40.30					
226	2nd Furthest Penta-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	38.97		0.076	38.97					
227	4th Furthest Penta-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	4.780		0.071	4.780					
228	2nd Furthest Hexa-PCBs				0.800	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32					
229	4th Furthest Hexa-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	20.47		0.190	20.47					
230	Total Hepta-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.230	23.18					
231	4th Furthest Octa-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	8.916		0.099	8.916					

#	Retention	PeakID	RT	Area	Height	FWHM	Area%	Height%	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
111	PCB-126A43		43.26	43.26	0.807e3	0.003e3	1.240	1.24	NO	1.8820	1.8819								
112	PCB-131A33		43.59	43.57	1.005e3	0.070e3	1.240	1.22	NO	1.8820	1.8818								
113	PCB-142		43.73	43.74	4.814e3	3.974e3	1.240	1.24	NO	0.93290	0.93258								
114	PCB-148A08		43.87	43.87	1.285e3	1.114e3	1.240	1.22	NO	1.5220	1.5222								
115	PCB-129A01		43.26	43.21	1.201e3	1.120e3	1.240	1.18	NO	1.8840	1.8838								
116	PCB-163		43.58	43.41	7.230e3	5.740e3	1.240	1.20	NO	0.88000	0.88004								
117	PCB-188		43.81	43.81	7.201e3	5.680e3	1.240	1.20	NO	0.94000	0.94002								
118	PCB-191		44.18	44.18	5.747e3	4.480e3	1.240	1.20	NO	0.94100	0.94128								
119	PCB-137		44.88	44.98	8.200e3	4.880e3	1.240	1.24	NO	0.82000	0.82000								



#	Name	Rate	RA	sq	SP	Unit	Peak	RT	Peak	RT	Peak	RT	Area	Unit	IC	IMP
220	13C-PCB-178	7.16e4	0.48	NO	1.0000	1.000	46.87	46.87	0.920	0.920	NO	2.894	104	0.0022	2.894	
221	Total Micro-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	2.894	104	0.0022	2.894	
222	Total EI-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	11.36	104	0.0077	11.36	
223	2nd Function Tri-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	7.859	104	0.0060	7.859	
224	2nd Function Tri-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	18.71	104	0.0147	18.71	
225	Total Tetra-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	48.38	104	0.0382	48.38	
226	2nd Function Penta-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	38.67	104	0.0307	38.67	
227	2nd Function Penta-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	4.785	104	0.0037	4.785	
228	2nd Function Hexa-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	13.33	104	0.0105	13.33	
229	2nd Function Hexa-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
230	2nd Function Hepta-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
231	2nd Function Octa-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
232	2nd Function Nona-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
233	2nd Function Deca-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
234	2nd Function Undeca-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
235	2nd Function Docosa-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
236	2nd Function Triacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
237	2nd Function Tetraacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
238	2nd Function Pentaacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
239	2nd Function Hexacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
240	2nd Function Heptaacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
241	2nd Function Octacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
242	2nd Function Nonacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	
243	2nd Functiontriacontacos-PCBs				1.0000	1.000	46.87	46.87	0.920	0.920	NO	28.48	104	0.0226	28.48	

#	Name	Peak	RT	Area	Unit	IC	IMP	Area		
131	PCB-184	43.83	43.83	0.040e3	0.000e3	1.000	1.01	NO	0.01000	0.01000
132	PCB-184	43.48	43.48	0.280e3	0.280e3	1.000	0.98	NO	1.00000	1.00000
133	PCB-178	44.27	44.28	0.400e3	0.400e3	1.000	1.00	NO	0.00000	0.00000
134	PCB-178	44.24	44.27	0.020e3	0.020e3	1.000	1.00	NO	1.00000	1.00000
135	PCB-188	45.38	45.38	0.040e3	0.040e3	1.000	0.98	NO	1.00000	1.00000
136	PCB-178	44.60	44.60	0.000e3	0.000e3	1.000	1.00	NO	1.00000	1.00000
137	PCB-178	46.24	46.24	0.000e3	0.000e3	1.000	1.01	NO	0.00000	0.00000
138	PCB-188187	46.42	46.43	1.000e3	1.000e3	1.000	1.00	NO	1.00000	1.00000
139	PCB-188	46.78	46.78	0.280e3	0.280e3	1.000	1.12	NO	0.00000	0.00000

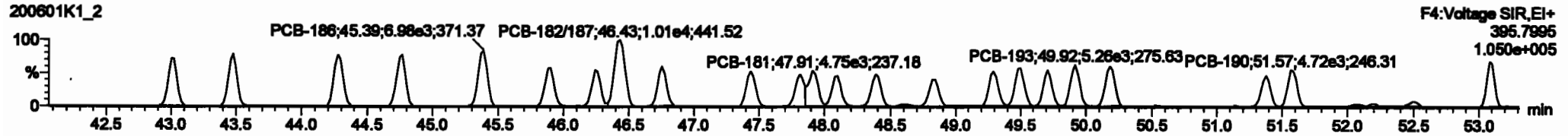
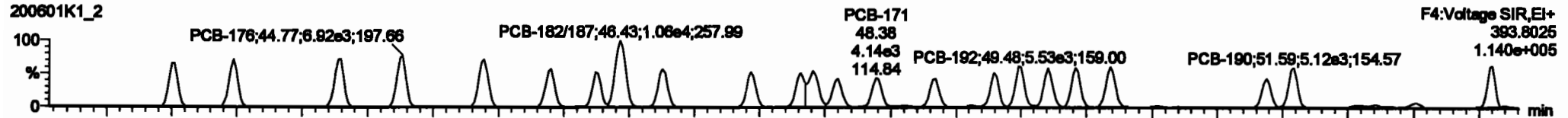


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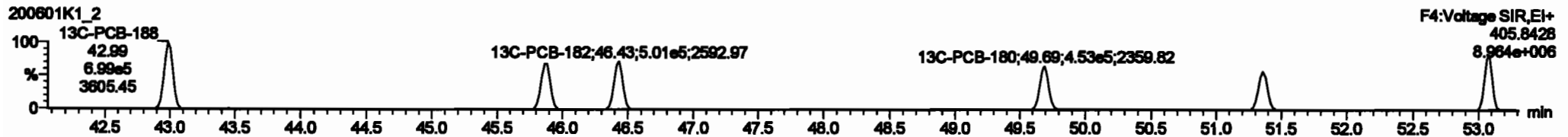
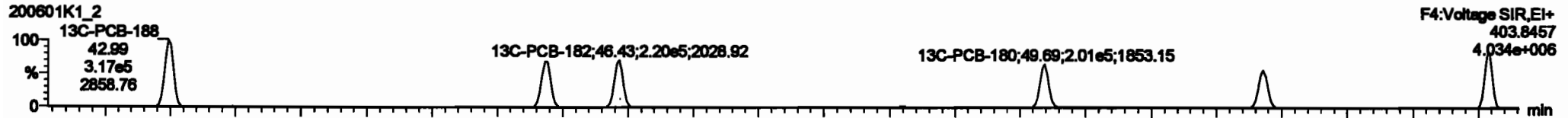
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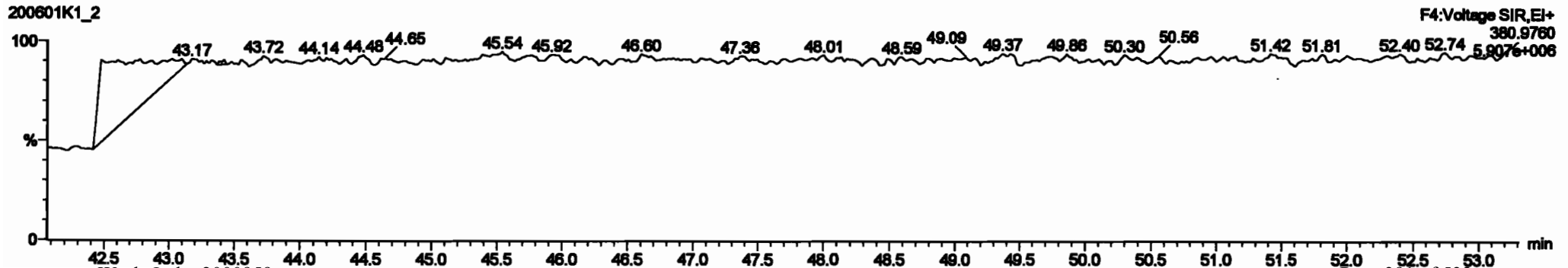
PCB-188



13C-PCB-188

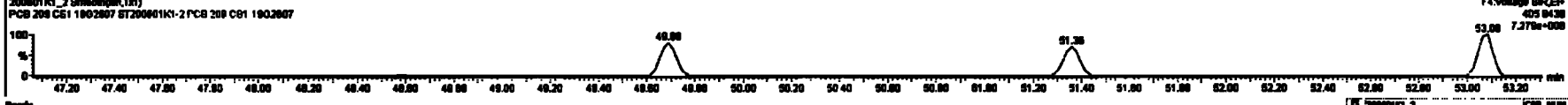
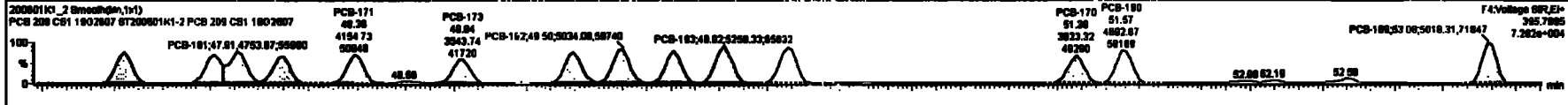
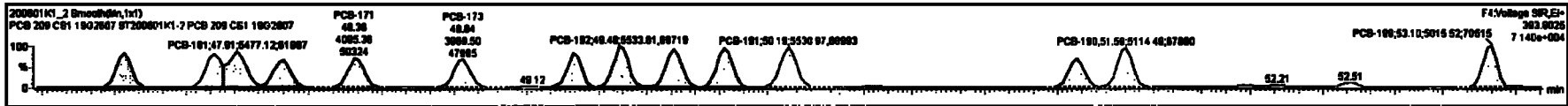


PFK4c



Peak	Area	Height	Width	Retention Time	Concentration	Response	Integration	Quality	Reference	Concentration	Response	Integration	Quality	Reference
220	13C-PCB-178	7.18e5	0.45	ND	1.0000	1.000	46.87	46.87	0.000	0.000	ND	104.2	104	0.0073
221	Total Mono-PCBs				1.1885	1.000	0.00	0.000	ND	2.884	0.0000	2.884		
222	Total Di-PCBs				1.0037	1.000	0.00	0.000	ND	11.38	0.0000	11.38		
223	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.000	ND	7.632	0.0000	7.632		
224	3rd Function Tri-PCBs				0.8028	1.000	0.00	0.000	ND	16.71	0.0000	16.71		
225	Total Tetra-PCBs				1.0778	1.000	0.00	0.000	ND	40.38	0.0000	40.38		
226	2nd Function Penta-PCBs				1.2167	1.000	0.00	0.000	ND	38.97	0.0000	38.97		
227	3rd Function Penta-PCBs				1.0735	1.000	0.00	0.000	ND	4.785	0.0000	4.785		
228	4th Function Penta-PCBs				0.8005	1.000	0.00	0.000	ND	13.32	0.0000	13.32		
229	5th Function Hexa-PCBs				1.0518	1.000	0.00	0.000	ND	28.46	0.0000	28.46		
230	6th Function Hexa-PCBs				1.0000	1.000	0.00	0.000	ND	30.16	0.0000	30.16		
231	7th 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-168	43.03	43.01	0.00e+00	0.000e+00	1.000	1.01	ND	0.01000	0.01021				
132	PCB-164	43.48	43.48	0.20e+03	0.200e+03	1.000	0.98	ND	1.0000	1.0000				
133	PCB-178	44.27	44.28	0.44e+03	0.44e+03	1.000	1.00	ND	0.99988	0.99934				
134	PCB-176	44.74	44.77	0.82e+03	0.82e+03	1.000	1.07	ND	1.0070	1.0086				
135	PCB-168	46.28	46.28	0.84e+03	0.84e+03	1.000	0.98	ND	1.0000	1.0079				
136	PCB-178	46.88	46.88	0.00e+03	4.88e+03	1.000	1.00	ND	1.0000	1.0088				
137	PCB-176	48.24	48.24	4.88e+03	4.88e+03	1.000	1.01	ND	0.80400	0.80388				
138	PCB-182/187	48.42	48.42	1.00e+04	1.00e+04	1.000	1.08	ND	1.0110	1.0110				
139	PCB-183	48.78	48.78	0.20e+03	4.70e+03	1.000	1.12	ND	0.88800	0.88807				





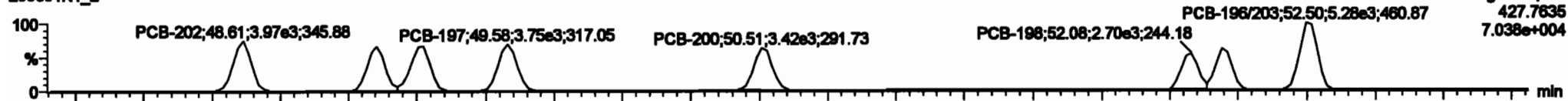
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

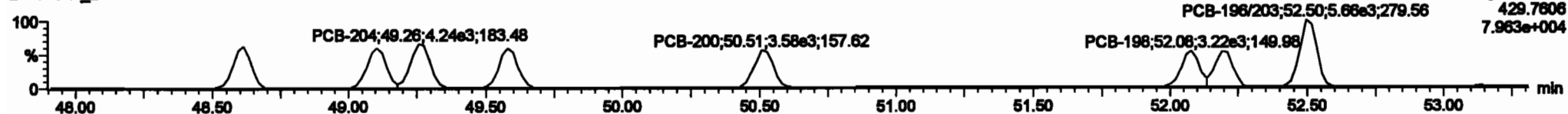
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**PCB-202**

200601K1\_2

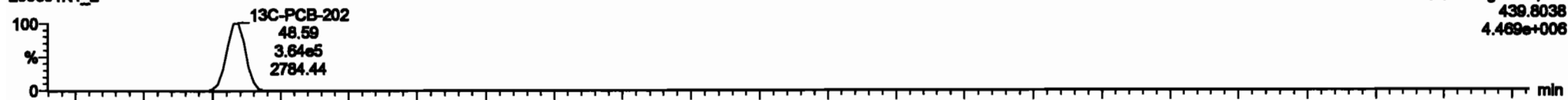


200601K1\_2

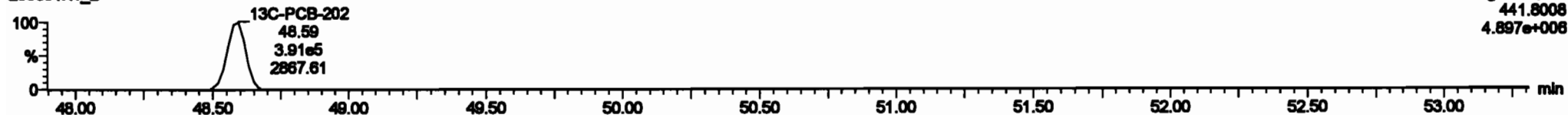


**13C-PCB-202**

200601K1\_2

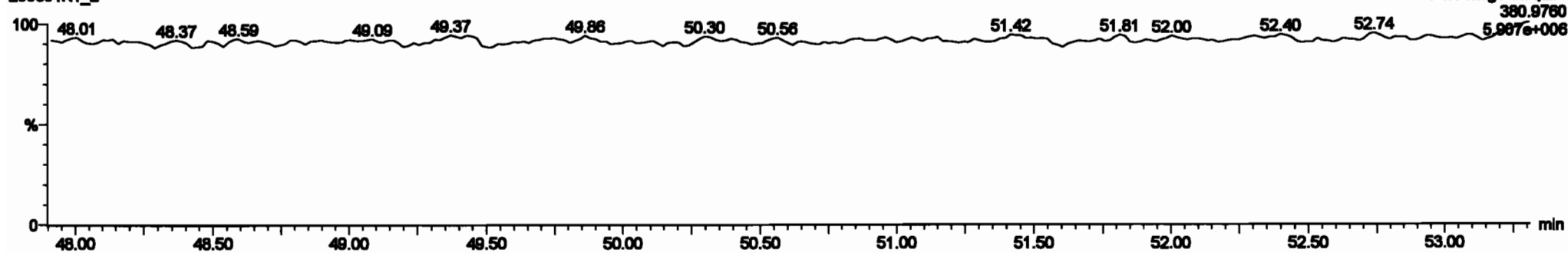


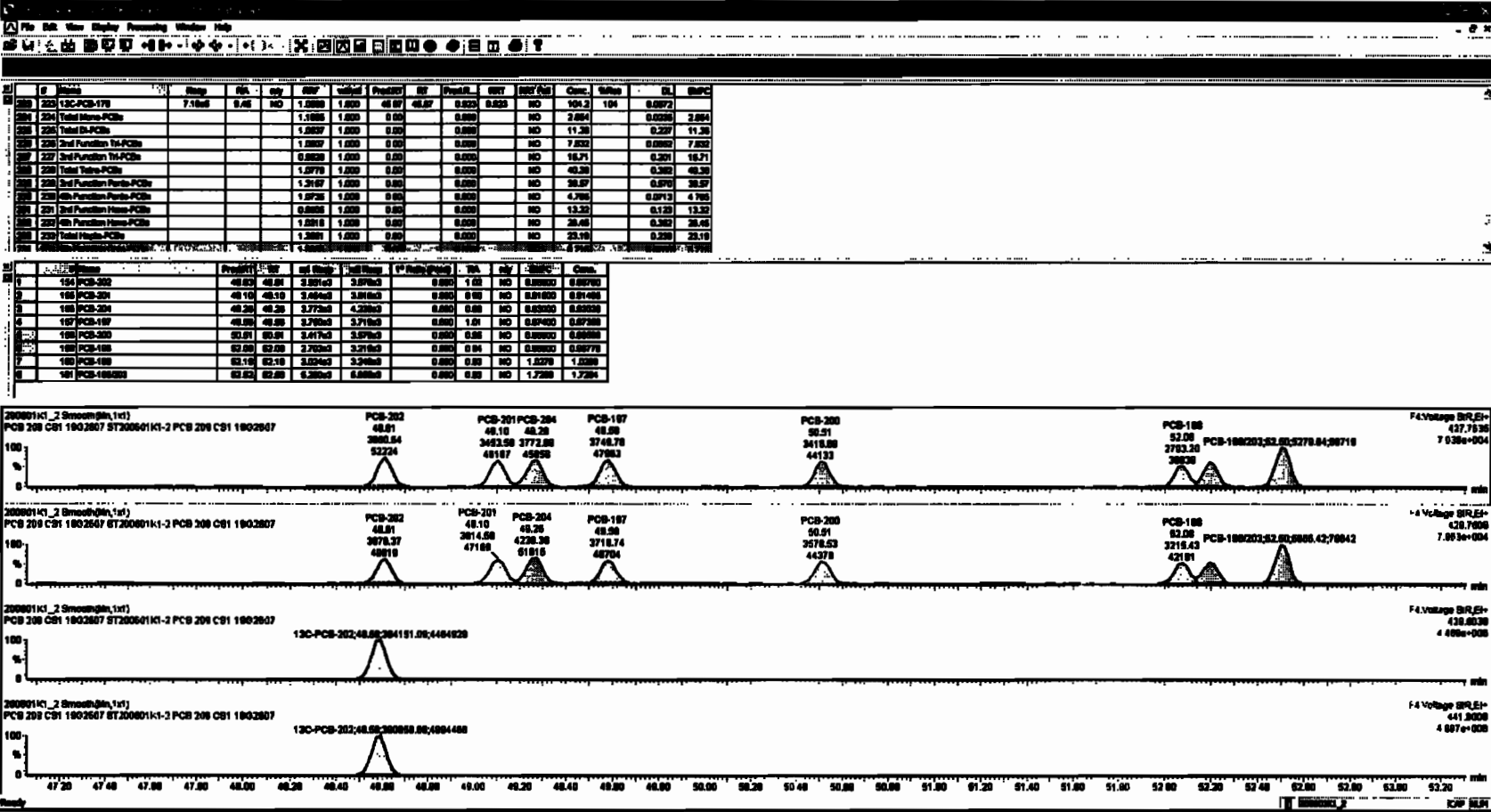
200601K1\_2



**PFK4d**

200601K1\_2





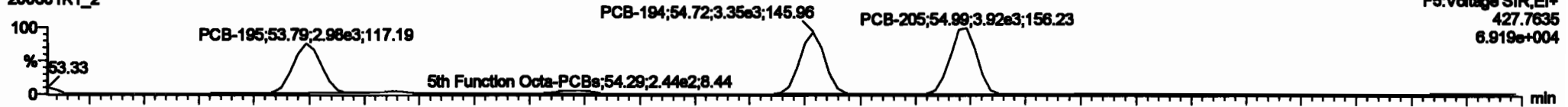
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

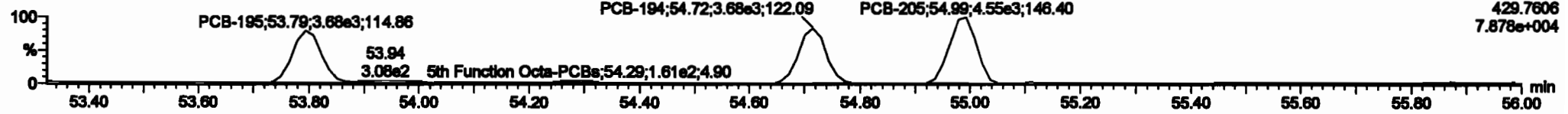
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**PCB-195**

200601K1\_2

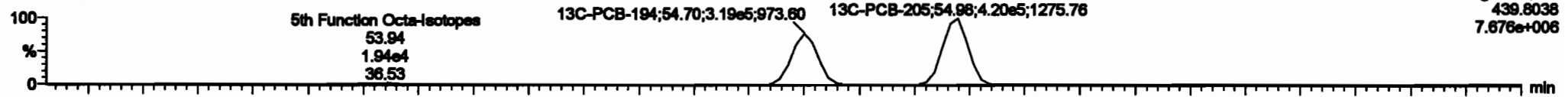


200601K1\_2

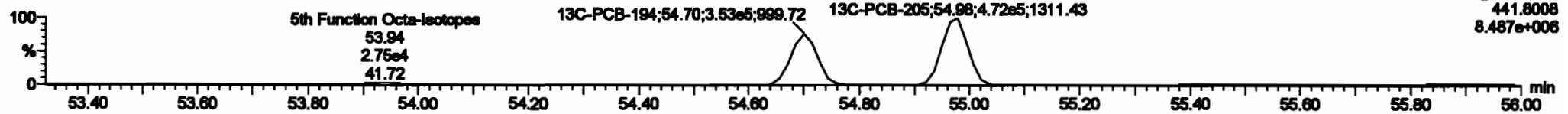


**13C-PCB-194**

200601K1\_2

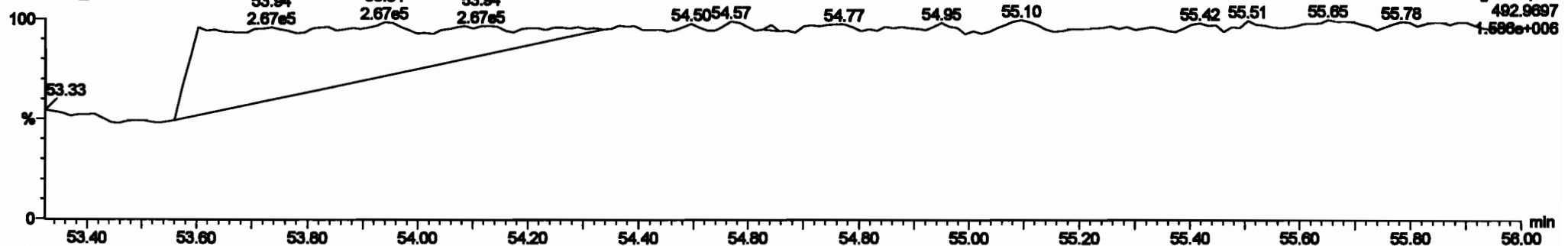


200601K1\_2



**PFK5a**

200601K1\_2



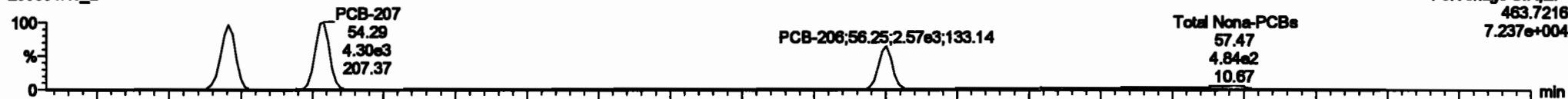
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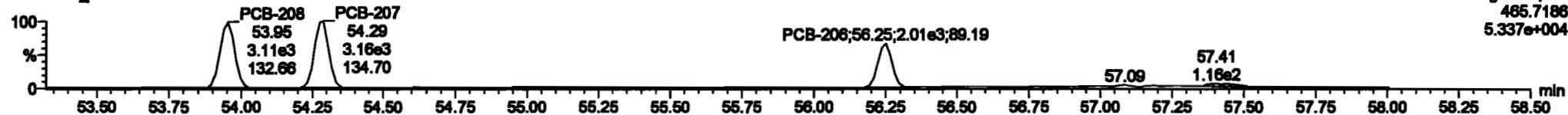
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**PCB-208**

200601K1\_2

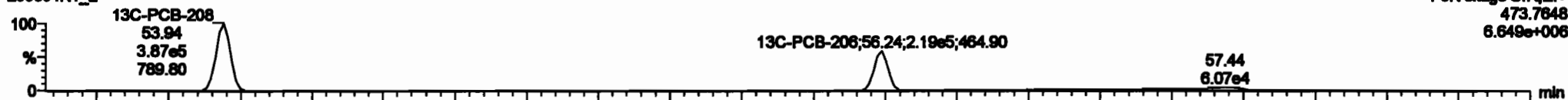


200601K1\_2

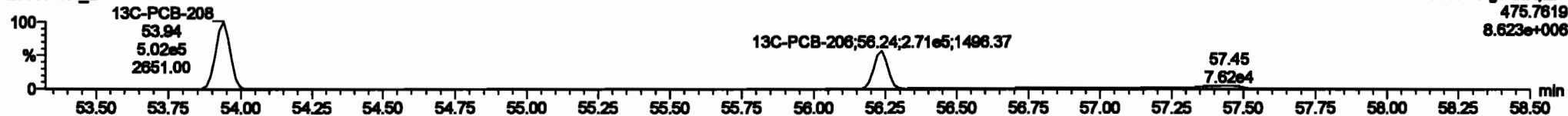


**13C-PCB-208**

200601K1\_2

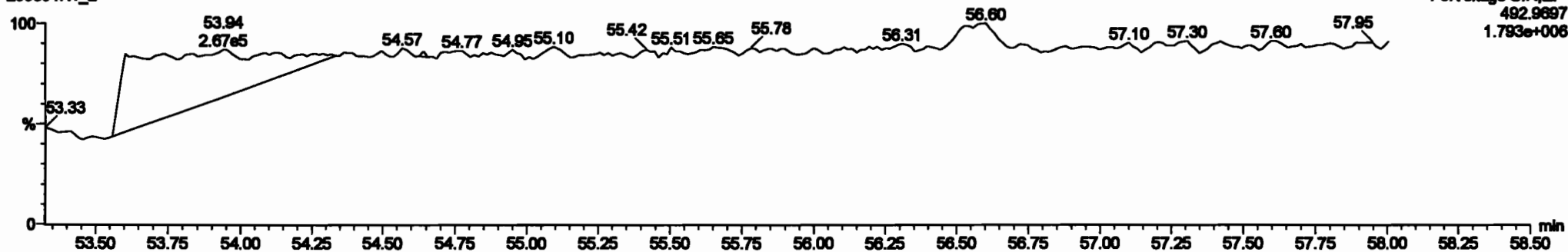


200601K1\_2



**PFK5**

200601K1\_2



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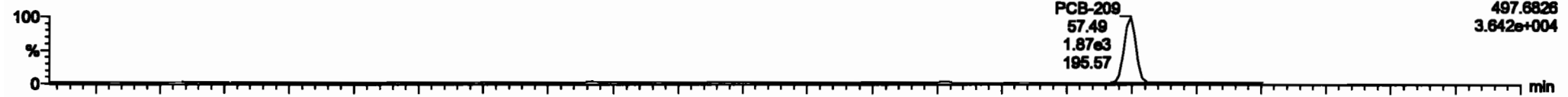
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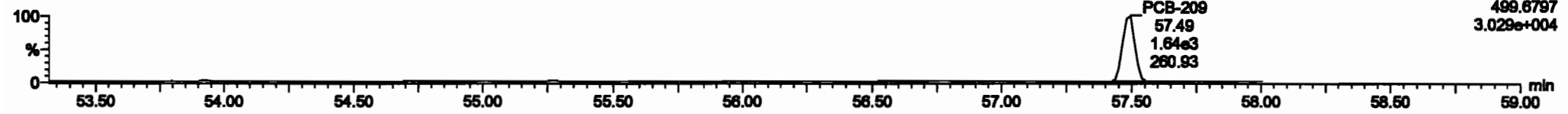
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**PCB-209**

200601K1\_2

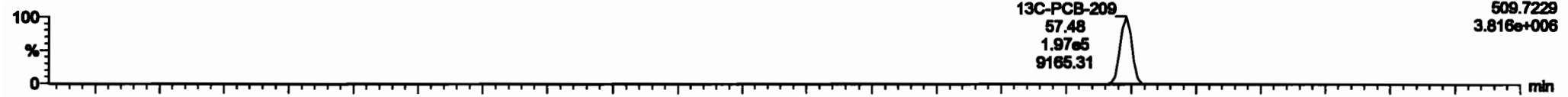


200601K1\_2

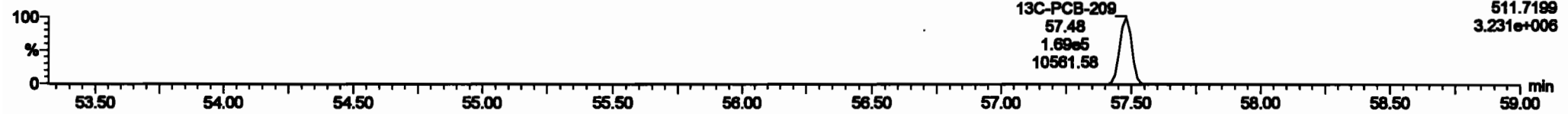


**13C-PCB-209**

200601K1\_2

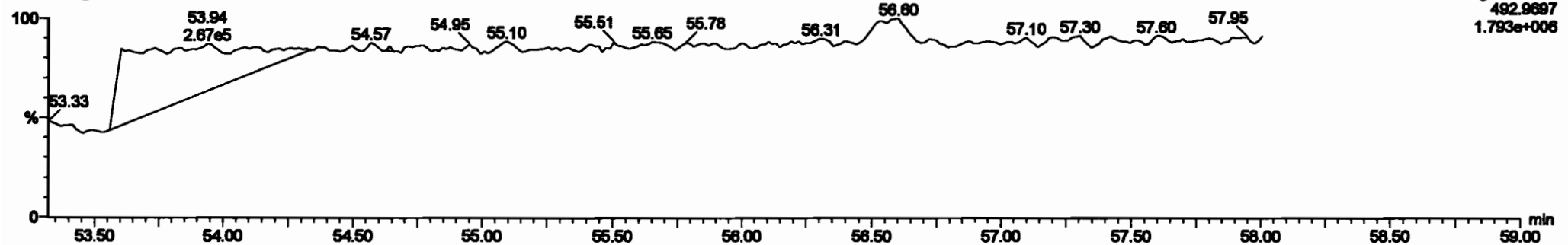


200601K1\_2



**PFK5b**

200601K1\_2



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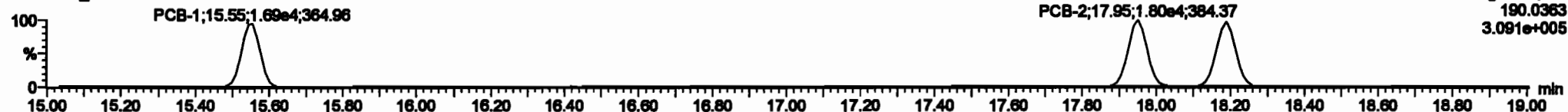
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PCB-1

200601K1\_3



200601K1\_3

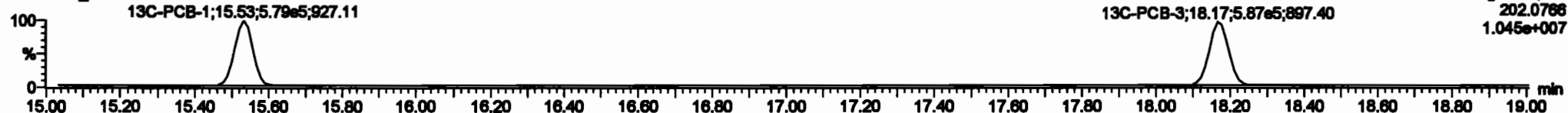


13C-PCB-1

200601K1\_3

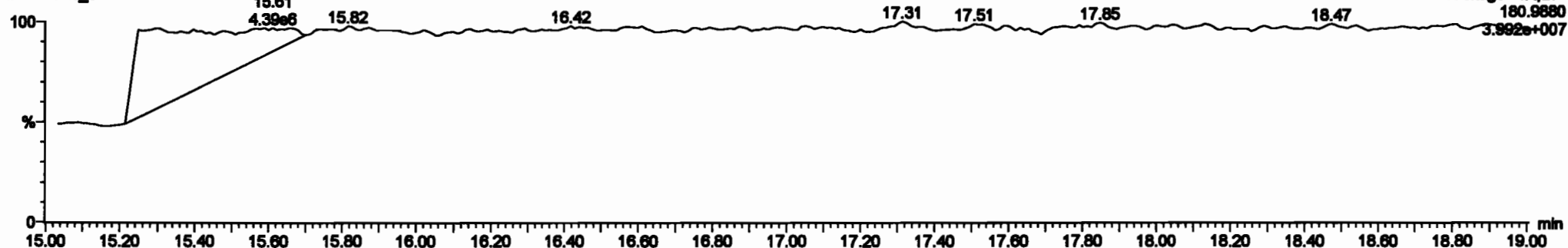


200601K1\_3



PFK1

200601K1\_3



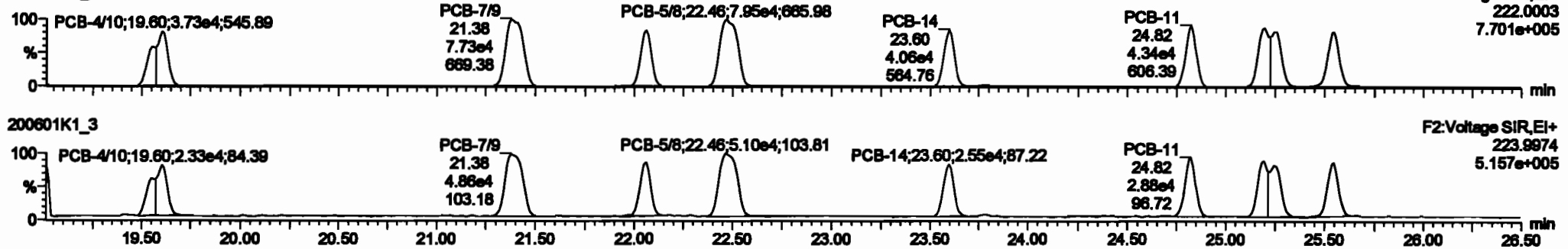
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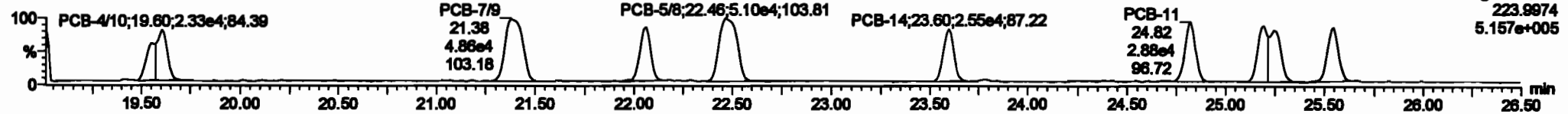
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**PCB-4/10**

200601K1\_3

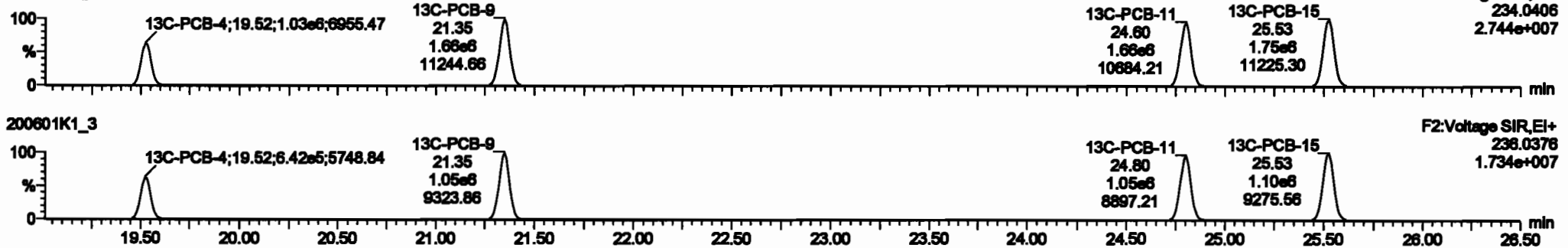


200601K1\_3

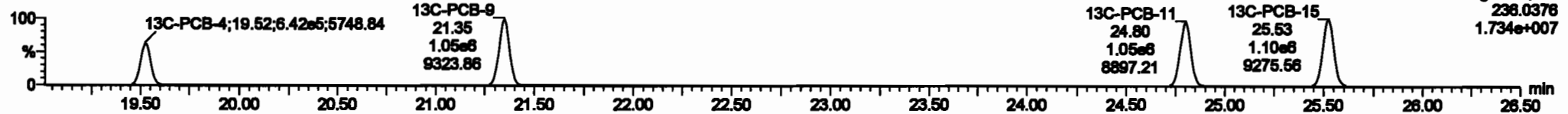


**13C-PCB-4**

200601K1\_3

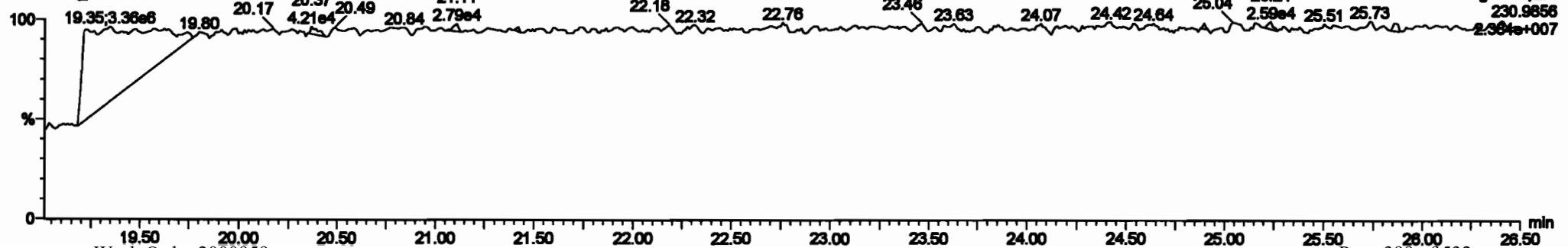


200601K1\_3



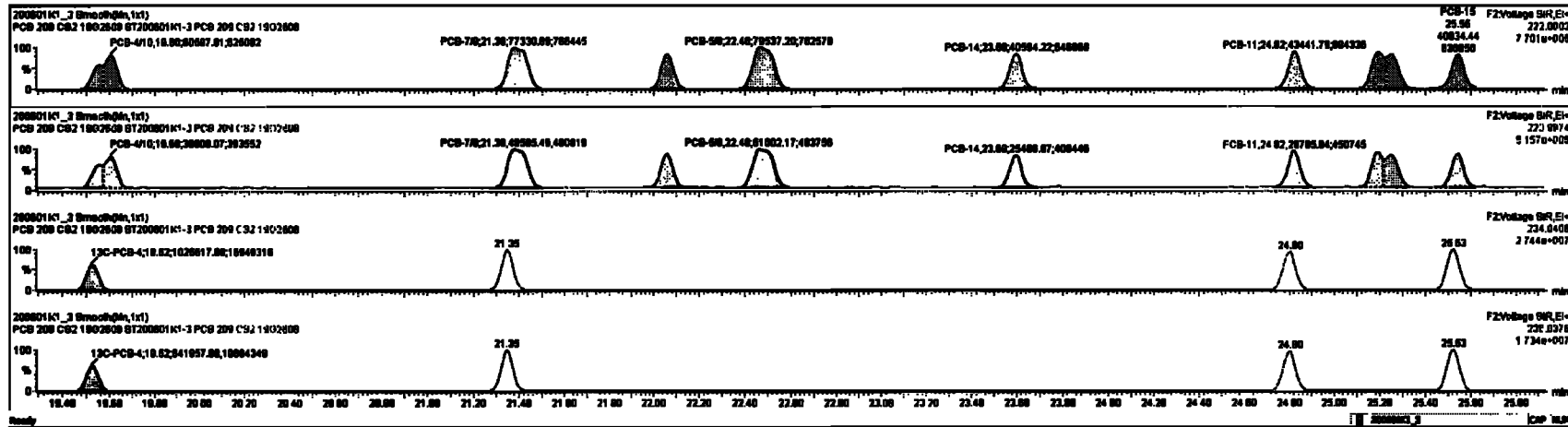
**PFK2a**

200601K1\_3



#	Peak	Retp	RA	dy	RFI	Initial	Final	Peak	RT	Peak	RT	Peak	RT	Area	Wt%	EL	RFPC
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-205	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	80.47	80.6	0.0001			
222	13C-PCB-70	1.20min	0.70	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	87.23	87.2	0.0002			
223	13C-PCB-170	7.20min	0.44	NO	1.0000	1.000	48.00	48.00	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	7.20	0.0216	7.216			

Peak	Retp	RA	dy	RFI	Initial	Final	Peak	RT	Peak	RT	Area	Wt%	EL	RFPC
0	PCB-470	19.00	19.00	0.0000e+00	0.0000e+00	1.000	1.00	NO	4.7700	4.7700				
1	PCB-70	21.41	21.39	2.7200e-04	0.0000e+00	1.000	1.00	NO	4.9400	4.9400				
2	PCB-11	24.82	24.80	4.0100e-04	2.0000e-04	1.000	1.00	NO	2.3070	2.3070				
3	PCB-14	25.63	25.60	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3000	2.3000				
4	PCB-11	24.82	24.80	4.0000e-04	2.0000e-04	1.000	1.00	NO	2.3000	2.3000				
5	PCB-14	25.63	25.60	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3000	2.3000				
6	PCB-11	24.82	24.80	4.0000e-04	2.0000e-04	1.000	1.00	NO	2.3000	2.3000				
7	PCB-14	25.63	25.60	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3000	2.3000				
8	PCB-11	24.82	24.80	4.0000e-04	2.0000e-04	1.000	1.00	NO	2.3000	2.3000				
9	PCB-14	25.63	25.60	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3000	2.3000				



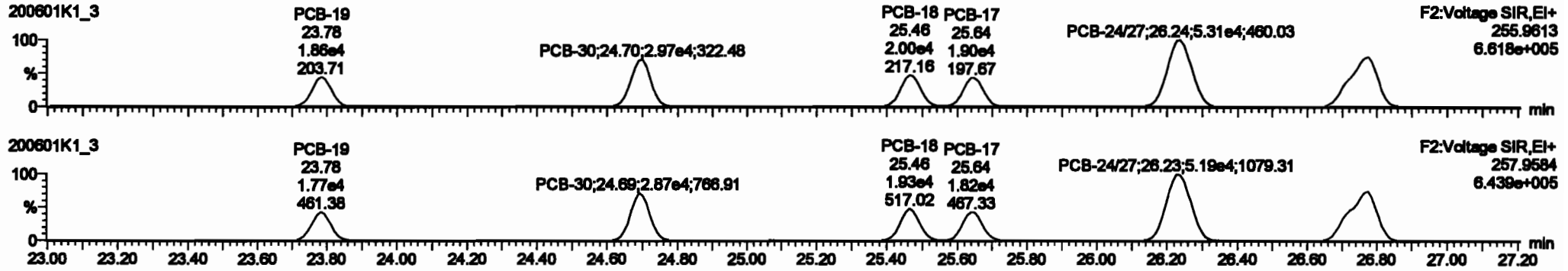


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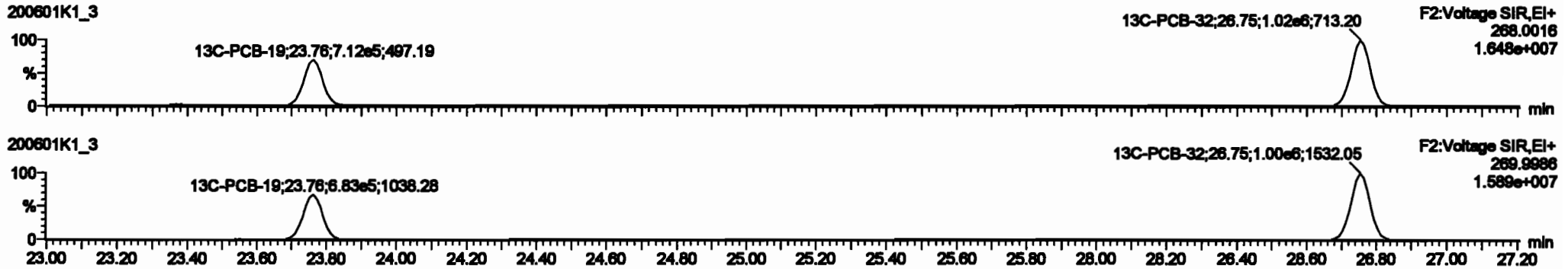
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Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

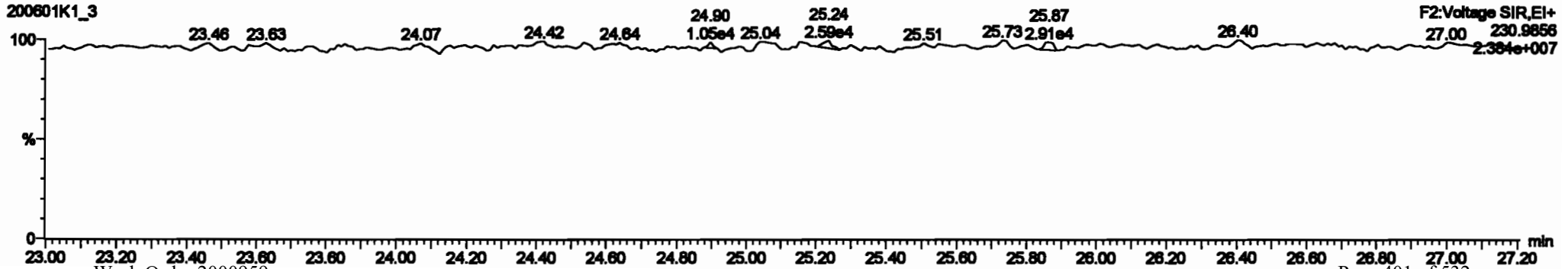
**PCB-19**



**13C-PCB-19**

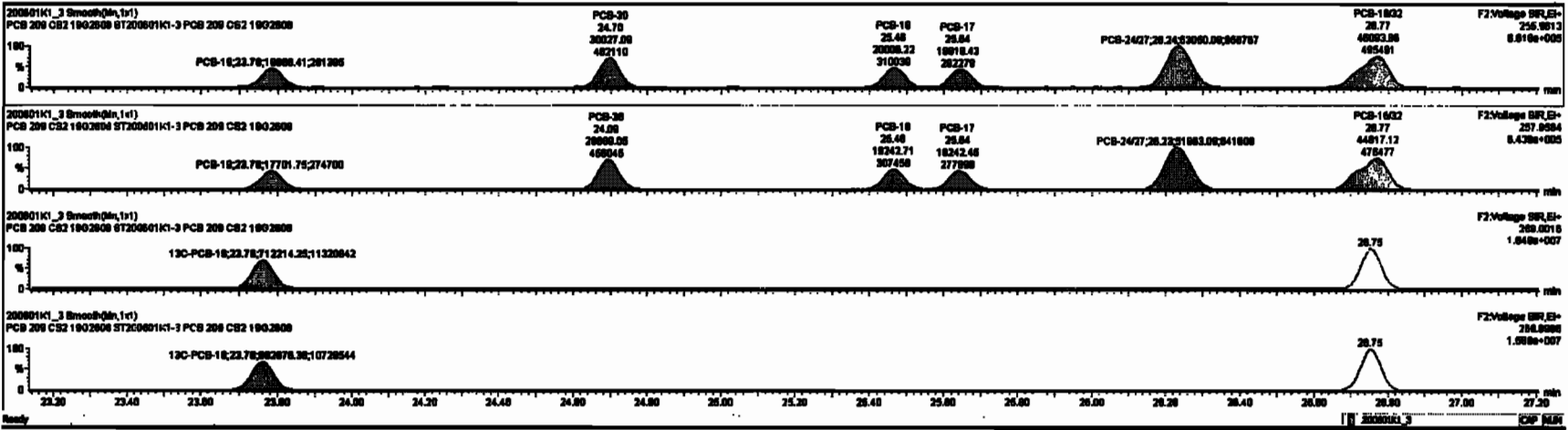


**PFK2b**



Peak #	Retention Time (min)	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height	
216	13C-PCB-80	1.01e6	0.78	NO	1.0000	1.000	26.88	26.88	1.000	0.000	NO	100.0	100	0.0021
218	13C-PCB-111	1.17e6	1.82	NO	1.0000	1.000	26.26	26.26	1.000	0.000	NO	100.0	100	0.0072
217	13C-PCB-128	8.76e5	1.25	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.120
218	13C-PCB-182	7.28e5	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0033
218	13C-PCB-205	8.85e5	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-76	1.83e6	0.78	NO	1.0000	1.000	37.76	37.76	1.000	0.000	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 (min)	Area	Height	Width	Height	Area	Height	Width	Height	Area	Height	Width	Height
12	PCB-16	23.78	23.78	1.889e4	1.770e4	1.040	1.04	NO	2.2670	2.2688			
13	PCB-30	24.80	24.78	3.003e4	2.889e4	1.040	1.04	NO	2.2480	2.2481			
14	PCB-16	26.48	26.48	2.001e4	1.824e4	1.040	1.04	NO	2.2700	2.2702			
15	PCB-17	26.84	26.84	1.883e4	1.824e4	1.040	1.04	NO	2.4320	2.4187			
16	PCB-24/27	28.28	28.24	8.208e4	8.788e4	1.040	1.02	NO	4.7880	4.7878			
17	PCB-18/22	28.77	28.77	4.808e4	4.802e4	1.040	1.02	NO	4.8810	4.8810			

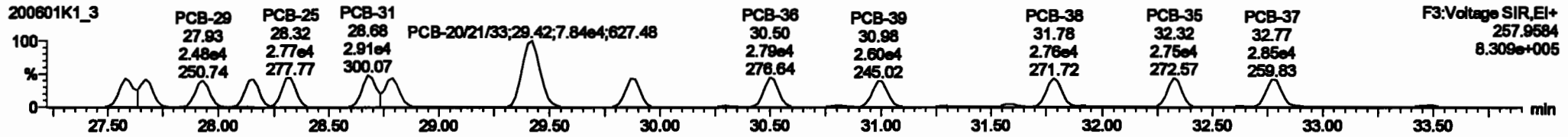
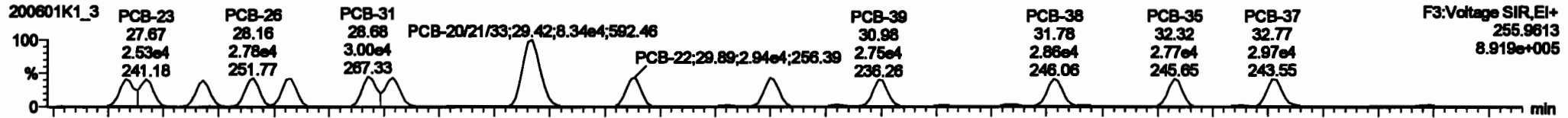


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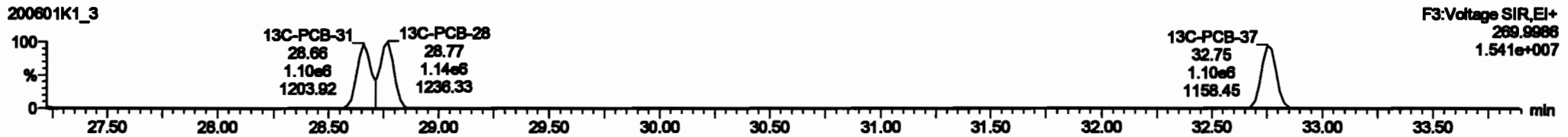
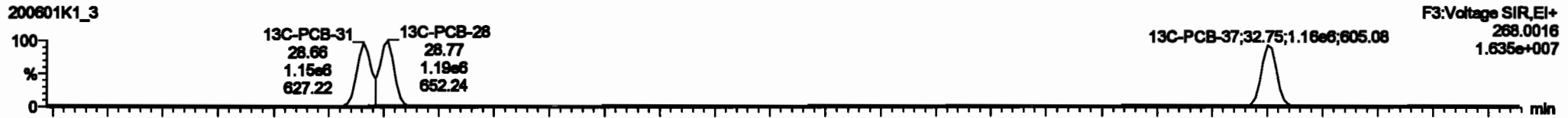
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

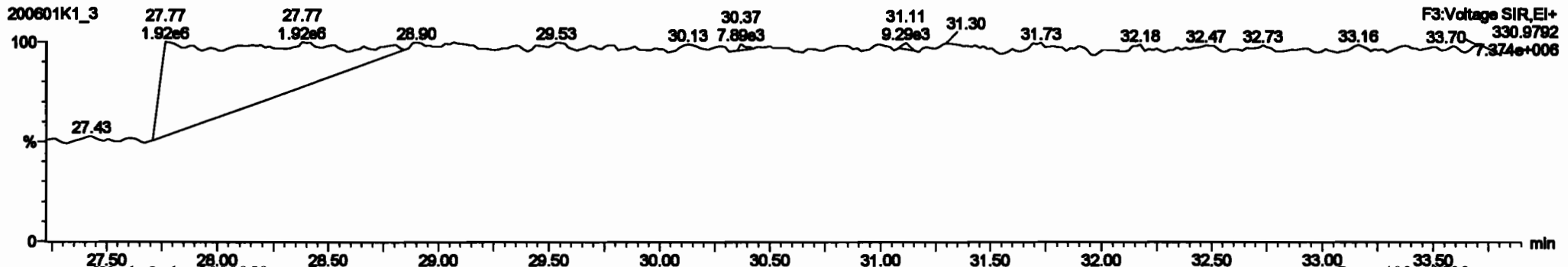
**PCB-34**



**13C-PCB-28**

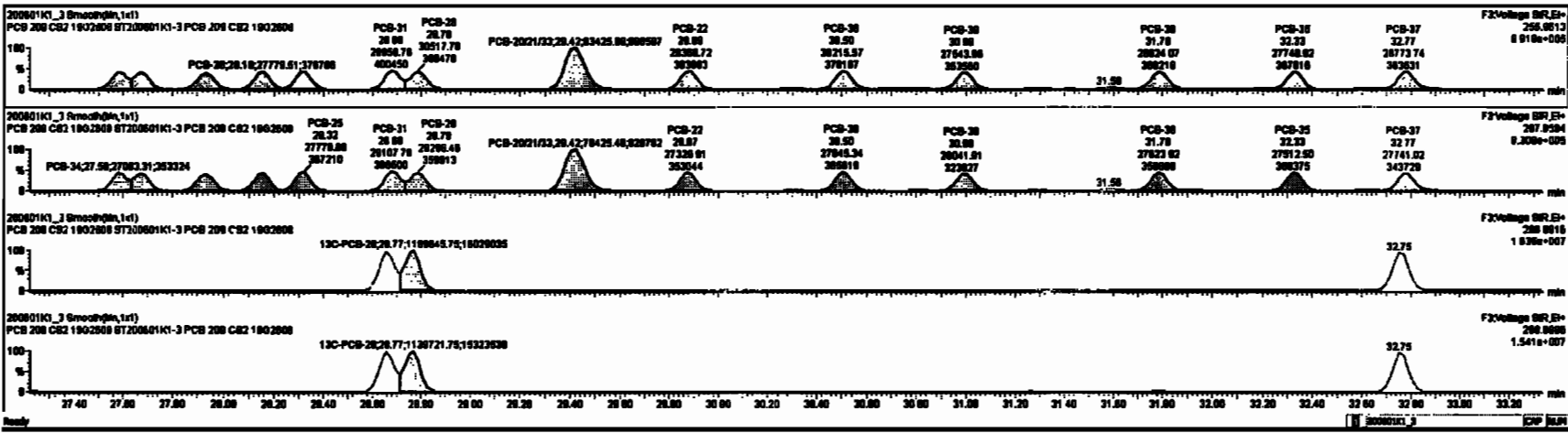


**PFK3d**



#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Wt%	SL	MRP
220	Total Value-PCBs					1,0776	1,000	0.00	0.000	NO		101.0		0.332	101.0
220	2nd Function Parts-PCBs					1,3197	1,000	0.00	0.000	NO		97.92		0.371	97.92
220	4th Function Parts-PCBs					1,0736	1,000	0.00	0.000	NO		12.19		0.0976	12.19
220	2nd Function Hous-PCBs					0.0000	1,000	0.00	0.000	NO		32.80		0.0076	32.80
220	4th Function Hous-PCBs					1.0016	1,000	0.00	0.000	NO		66.73		0.272	66.73
220	Total Hous-PCBs					1.0001	1,000	0.00	0.000	NO		97.74		0.000	97.74
220	4th Function Ouds-PCBs					1.0000	1,000	0.00	0.000	NO		21.80		0.0000	21.80
220	6th Function Ouds-PCBs					1.1480	1,000	0.00	0.000	NO		6.674		0.0043	6.674
220	Total Hous-PCBs					0.0000	1,000	0.00	0.000	NO		7.284		0.0007	7.284
220	Total PCBs					0.0004	1,000	0.00	0.000	NO		2.430		0.0070	2.430

#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. D.	NET	NET Pct	Comp.	Wt%	SL	MRP
18	PCB-24	27.00	27.00	2,700ea	2,700ea	1.040	1.02	NO	2,400	2,400		2,400			
19	PCB-25	27.00	27.00	2,400ea	2,400ea	1.040	1.04	NO	2,400	2,400		2,400			
20	PCB-26	27.00	27.00	2,400ea	2,400ea	1.040	1.01	NO	2,400	2,400		2,400			
21	PCB-28	28.10	28.10	2,700ea	2,700ea	1.040	1.07	NO	2,400	2,400		2,400			
22	PCB-29	28.31	28.32	2,800ea	2,700ea	1.040	1.09	NO	2,400	2,400		2,400			
23	PCB-31	28.00	28.00	2,800ea	2,814ea	1.040	1.09	NO	2,400	2,400		2,400			
24	PCB-28	28.70	28.70	2,800ea	2,800ea	1.040	1.09	NO	2,400	2,400		2,400			
25	PCB-2021483	28.40	28.40	0.500ea	7,800ea	1.040	1.09	NO	2,400	2,400		2,400			
26	PCB-22	28.00	28.00	2,800ea	2,700ea	1.040	1.09	NO	2,400	2,400		2,400			



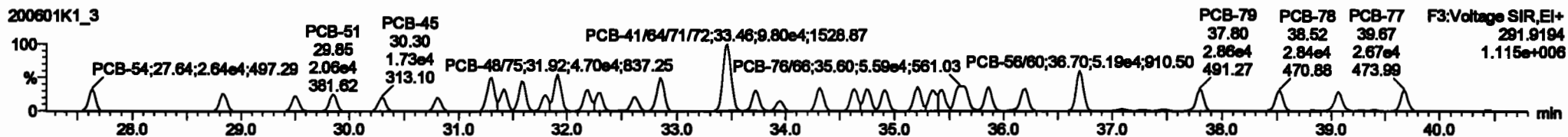
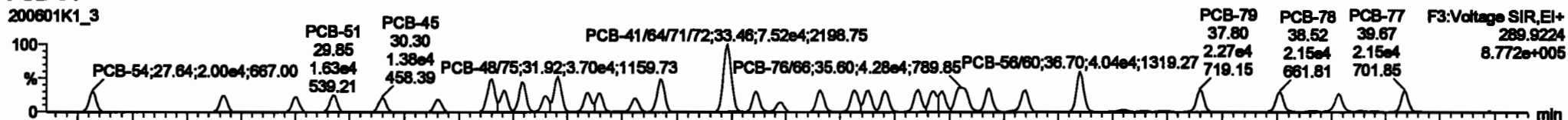
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

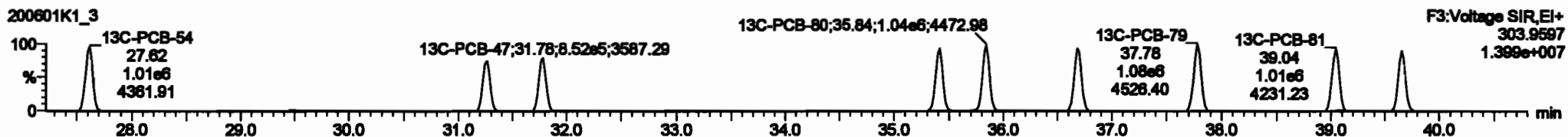
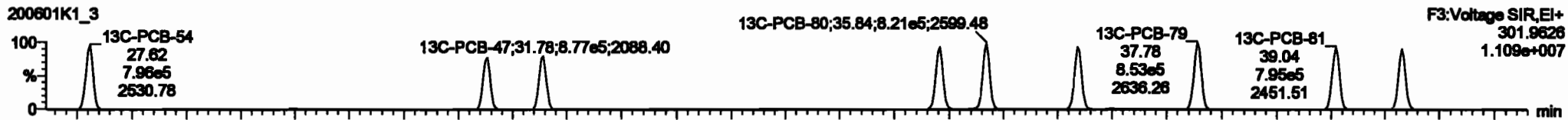
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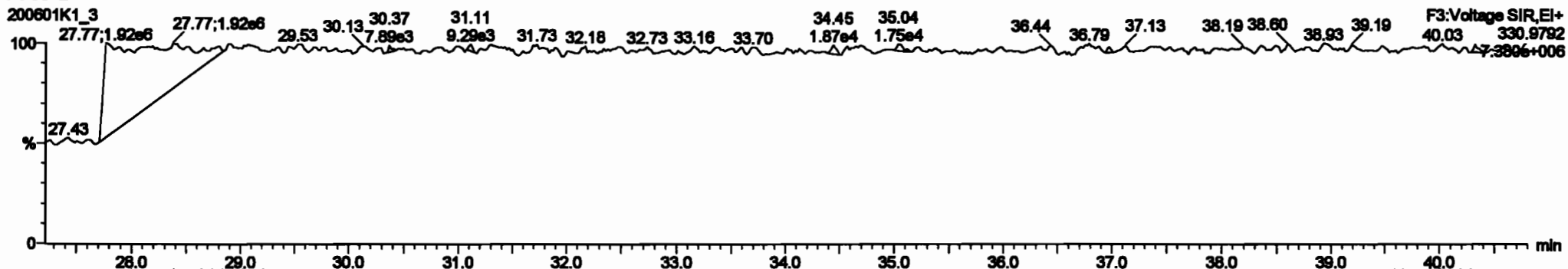
**PCB-54**



**13C-PCB-54**



**PFK3a**



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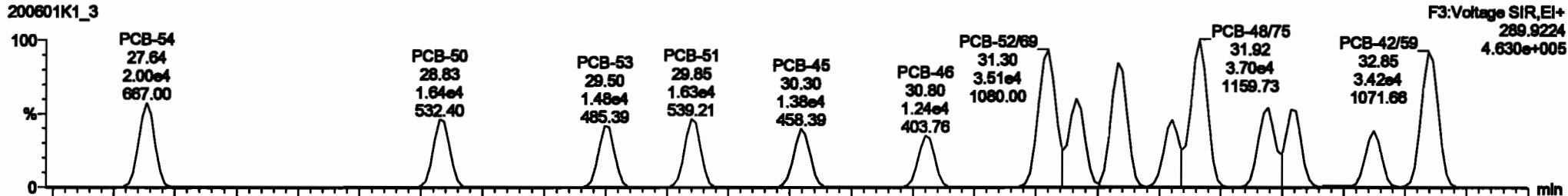
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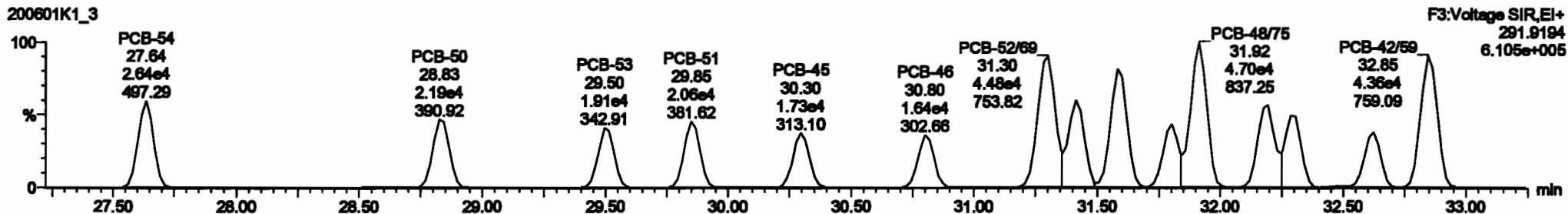
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PCB-50

200601K1\_3



200601K1\_3

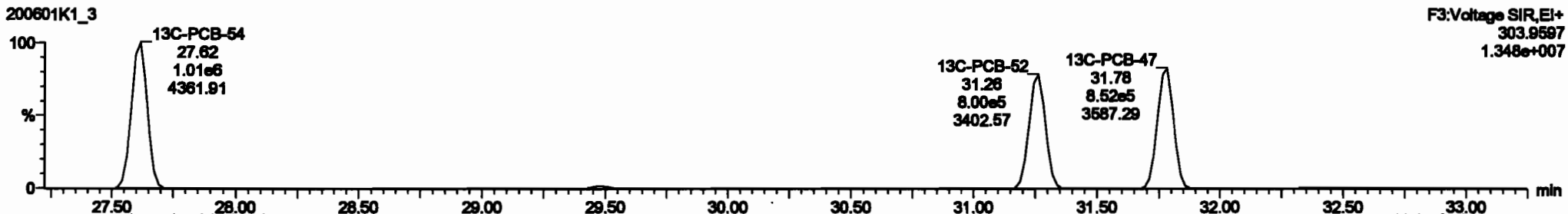


13C-PCB-52

200601K1\_3



200601K1\_3



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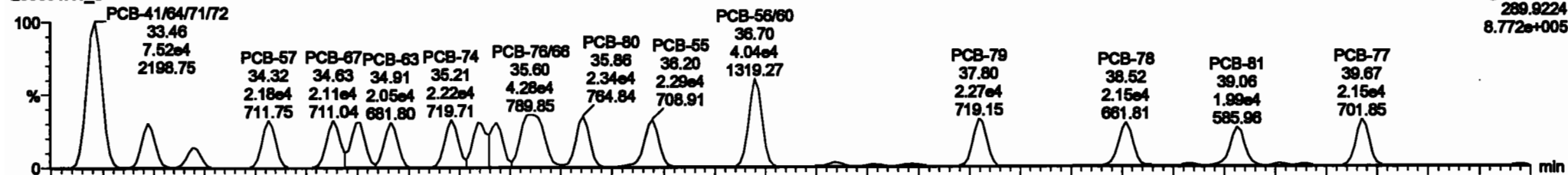
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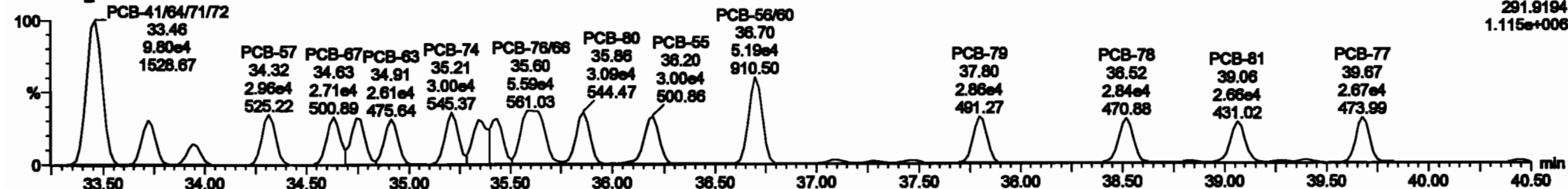
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PCB-68

200601K1\_3

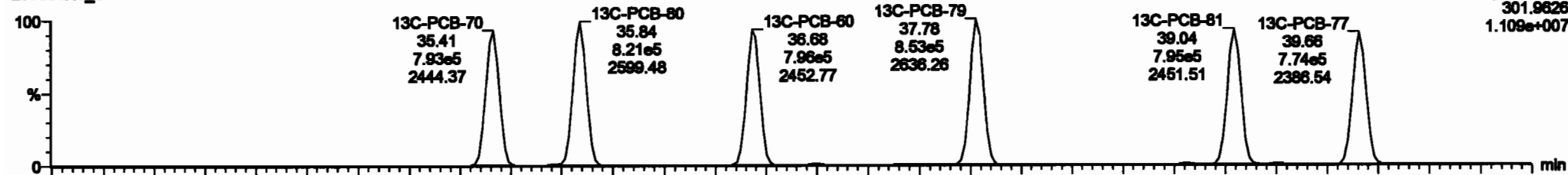


200601K1\_3

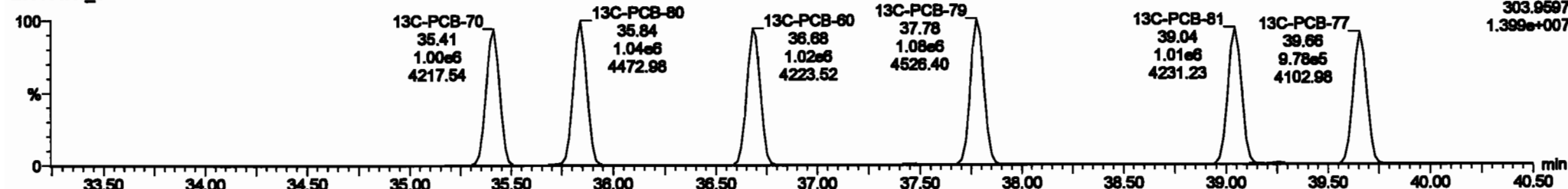


13C-PCB-60

200601K1\_3

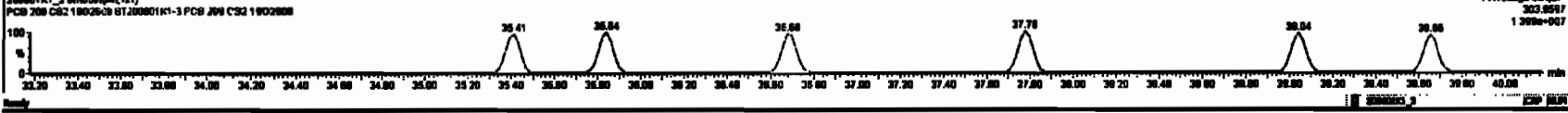
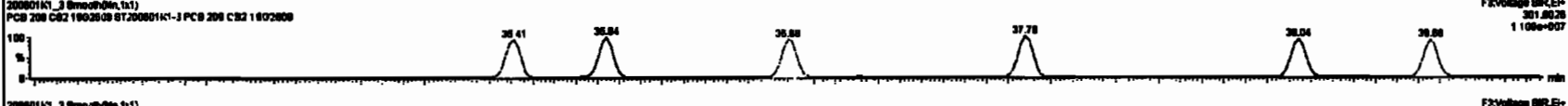
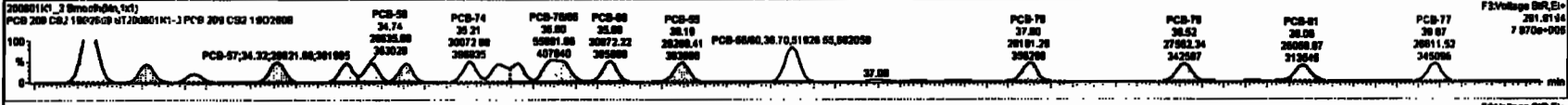
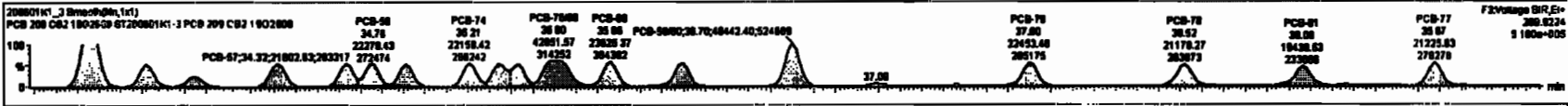


200601K1\_3



#	Mass	Resp	RA	Rel	Off	Value	RelOff	Off	PreOff	Off	Off	Off	Off	Off	Off	Off	Off
227	2nd Puriton Tri-PCBs					0.0020	1.000	0.00	0.000	0.00	0.000	MD	38.01	0.204	38.01		
228	2nd Puriton Penta-PCBs					1.2187	1.000	0.80	0.000	0.000	MD	37.83	6.371	37.83			
229	4th Puriton Penta-PCBs					1.0736	1.000	0.00	0.000	0.000	MD	12.18	0.0070	12.18			
230	2nd Puriton Hepta-PCBs					0.0000	1.000	0.00	0.000	0.000	MD	33.88	0.0070	33.88			
231	4th Puriton Hepta-PCBs					1.0016	1.000	0.00	0.000	0.000	MD	38.73	0.372	38.73			
232	Total Hepta-PCBs					1.3881	1.000	0.00	0.000	0.000	MD	37.74	0.488	37.74			
233	2nd Puriton Octa-PCBs					1.0000	1.000	0.00	0.000	0.000	MD	21.88	0.000	21.88			
234	4th Puriton Octa-PCBs					1.1488	1.000	0.00	0.000	0.000	MD	6.874	0.004	6.874			
235	Total Octa-PCBs					0.0020	1.000	0.00	0.000	0.000	MD	7.284	0.007	7.284			
236	Total PCBs					0.0004	1.000	0.00	0.000	0.000	MD	2.423	0.0070	2.423			

#	Mass	PreOff	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	2.6580	2.6516							
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	3.050e4	3.880e4	0.770	0.76	MD	4.6820	4.6818							





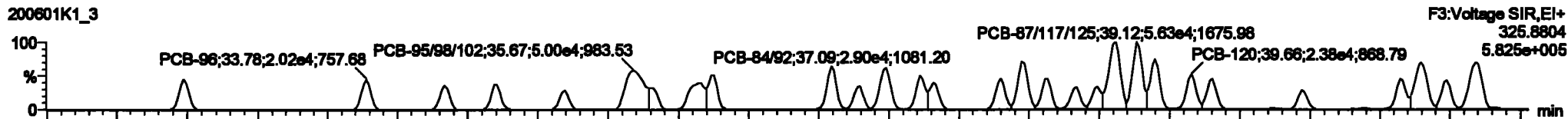
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

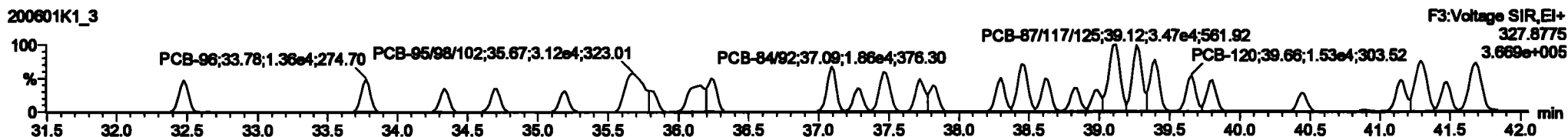
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**PCB-104**

200601K1\_3

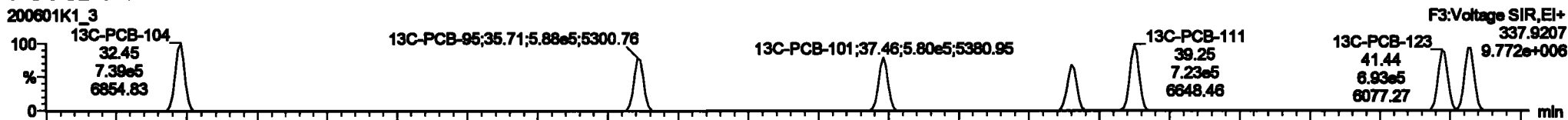


200601K1\_3

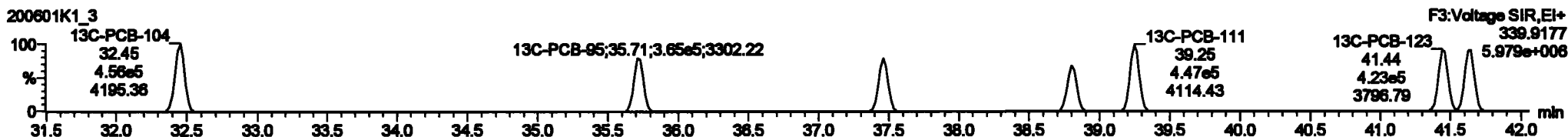


**13C-PCB-104**

200601K1\_3

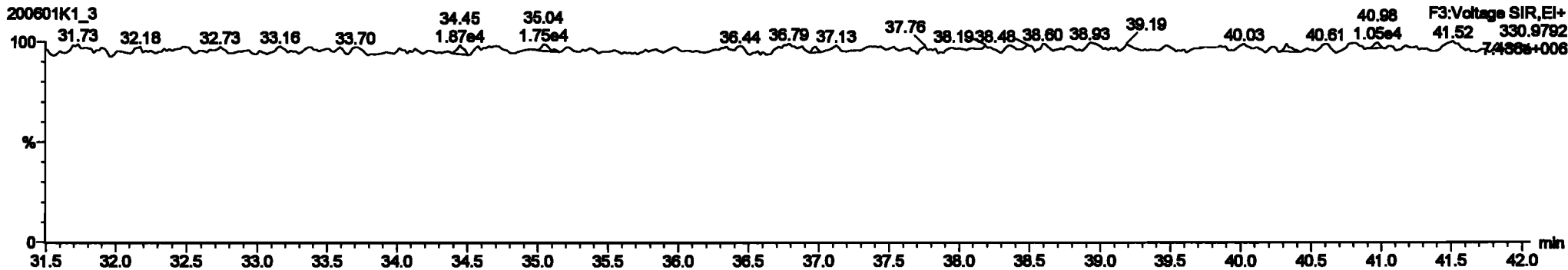


200601K1\_3



**PFK3b**

200601K1\_3

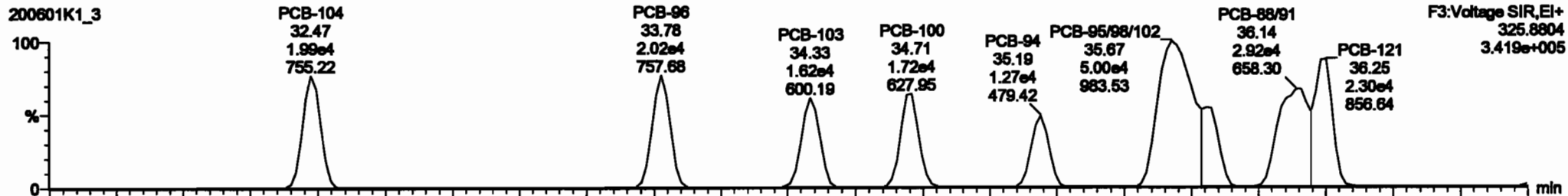


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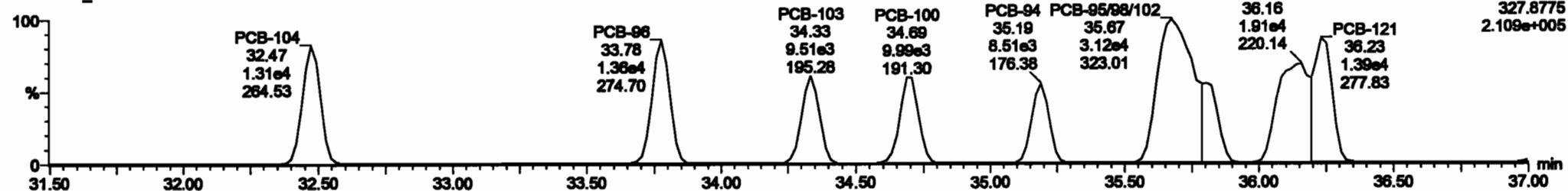
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PCB-96



200601K1\_3



13C-PCB-95



200601K1\_3



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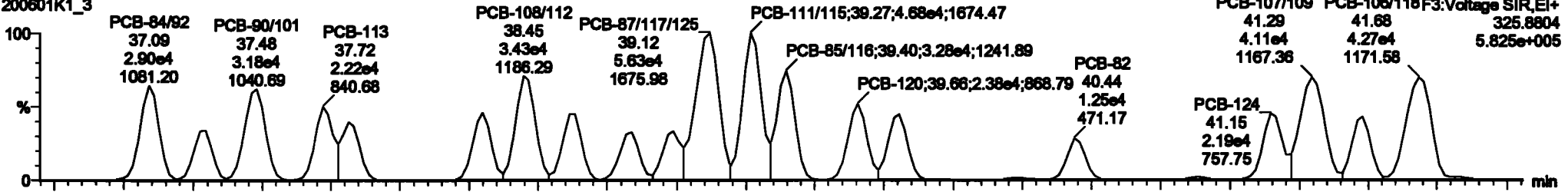
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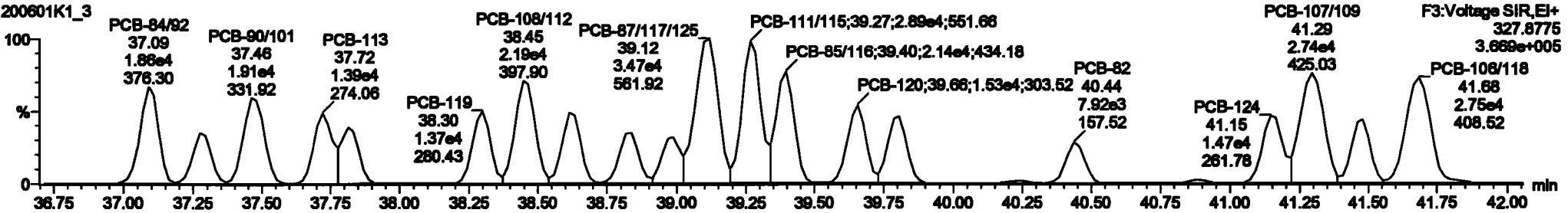
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PCB-119

200601K1\_3

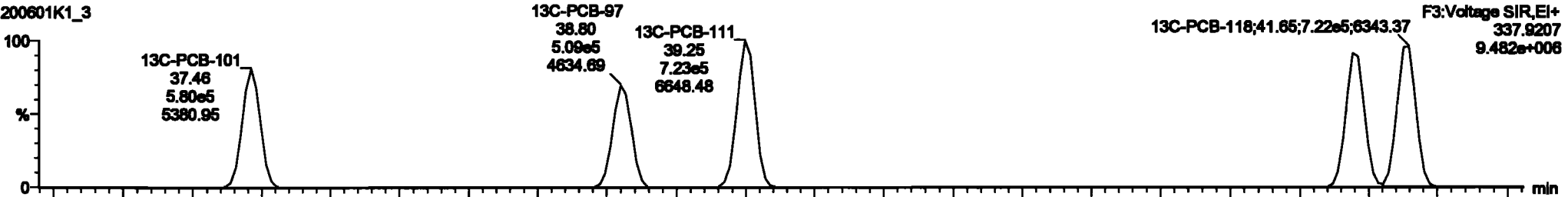


200601K1\_3

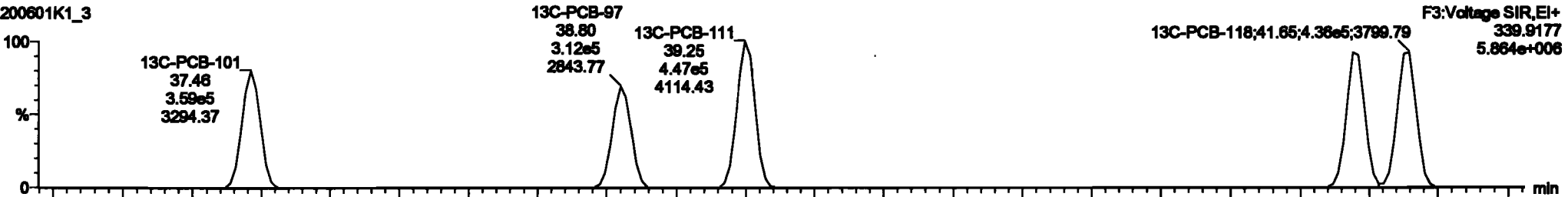


13C-PCB-111

200601K1\_3

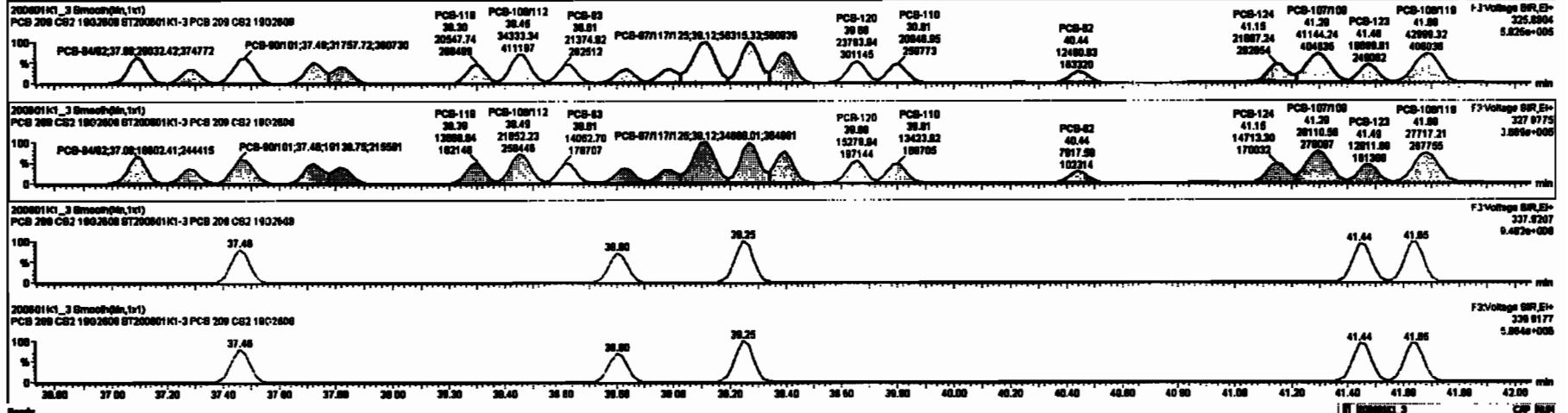


200601K1\_3



ID	Name	Comp	RA	Qty	RF	RF2	Preval	RF	Preval	RF	RF2	RF3	Comp	Units	CL	BMP
227	2nd Purition 14-PCBs				0.0020	1.000	0.00		0.000				NO	30.01	0.294	30.01
228	Total Tetro-PCBs				1.0770	1.000	0.00		0.000				NO	101.0	0.323	101.0
230	4th Purition Para-PCBs				1.0726	1.000	0.00		0.000				NO	12.10	0.0970	12.10
231	2nd Purition Hemo-PCBs				0.0000	1.000	0.00		0.000				NO	32.00	0.0070	32.00
232	4th Purition Hemo-PCBs				1.0310	1.000	0.00		0.000				NO	06.73	0.272	06.73
233	Total Hysto-PCBs				1.3001	1.000	0.00		0.000				NO	07.34	0.400	07.34
234	4th Purition Octa-PCBs				1.0000	1.000	0.00		0.000				NO	21.00	0.0003	21.00
235	7th Purition Octa-PCBs				1.1400	1.000	0.00		0.000				NO	0.674	0.0043	0.674
236	Total Mono-PCBs				0.0020	1.000	0.00		0.000				NO	7.201	0.0007	7.201
237	Dioxin-CB				0.0004	1.000	0.00		0.000				NO	2.420	0.0070	2.420
238	Total PCBs															

ID	Name	Preval	RF	RF2	RF3	RF4	RF5	RF6	RF7	BMP	Comp
64	PCB-104	32.47	32.47	1.000e4	1.300e4	1.000	1.00	NO	2.000	2.000	
65	PCB-80	30.70	30.70	2.017e4	1.300e4	1.000	1.40	NO	2.400	2.400	
66	PCB-100	34.33	34.33	1.000e4	0.000e0	1.000	1.71	NO	2.300	2.300	
67	PCB-100	34.00	34.71	1.717e4	0.000e0	1.000	1.72	NO	2.300	2.300	
68	PCB-84	30.10	30.10	1.272e4	0.010e0	1.000	1.40	NO	2.300	2.300	
69	PCB-0000102	30.07	30.07	0.000e4	3.117e4	1.000	1.01	NO	7.070	7.070	
70	PCB-03	30.70	30.01	1.200e4	7.010e0	1.000	1.70	NO	2.300	2.300	
71	PCB-00001	30.14	30.14	2.000e4	1.000e4	1.000	1.00	NO	4.700	4.700	
72	PCB-121	30.33	30.20	2.300e4	1.300e4	1.000	1.00	NO	2.270	2.200	

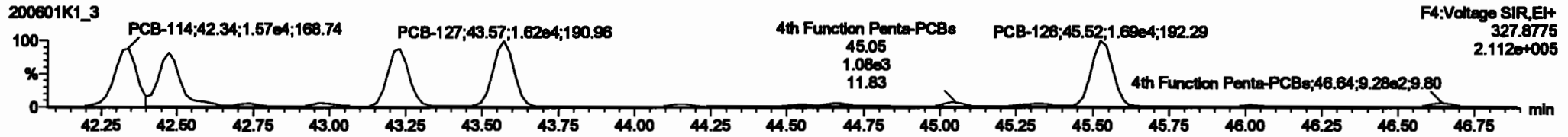
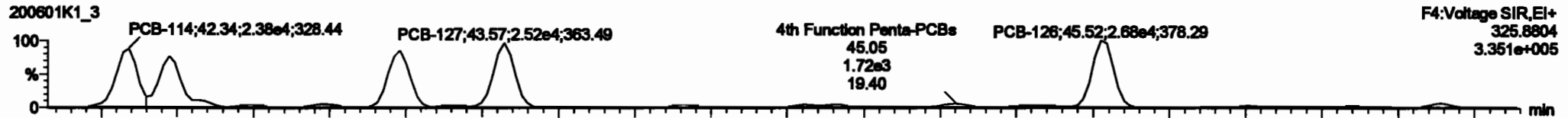


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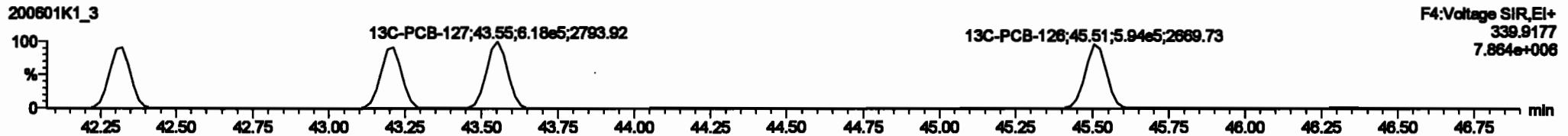
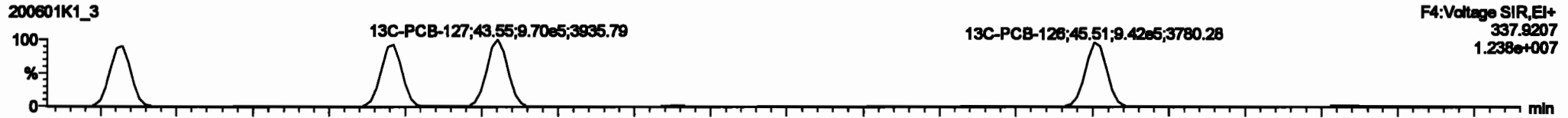
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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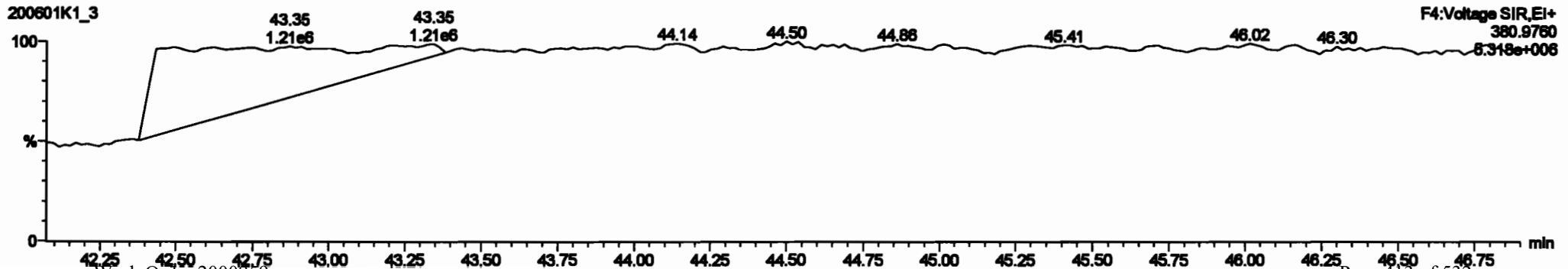
**PCB-114**



**13C-PCB-114**

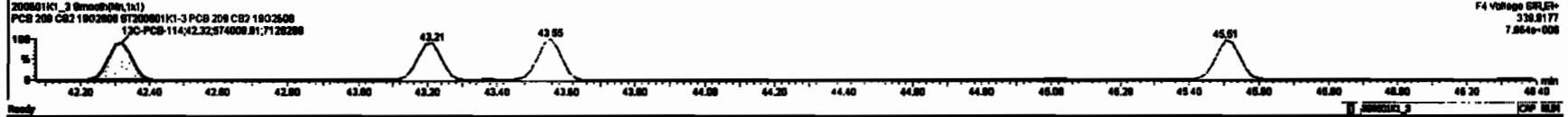
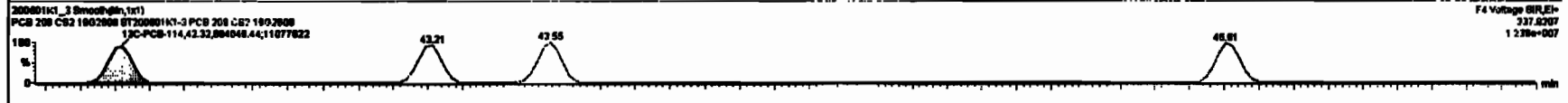
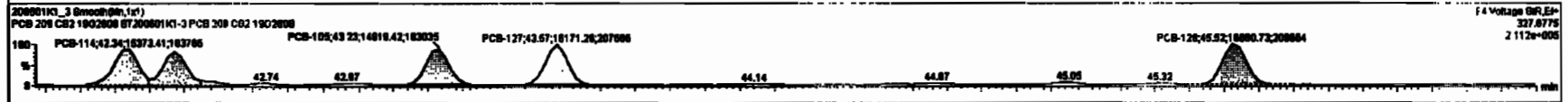
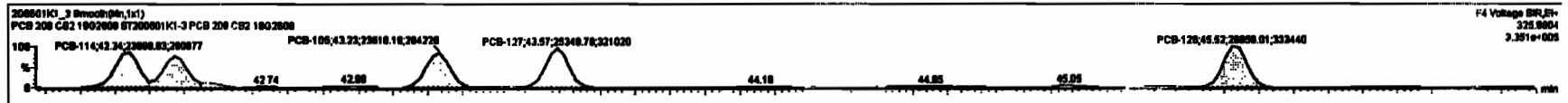


**PFK4a**



#	Name	Range	RA	dy	RF	Initial	ProdRT	RT	ProdR	RFY	ProdF	Chn	SP	SL	BPFC
227	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.000	NO	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	Chn	SP	SL	BPFC
80	PCB-114	42.34	42.34	2.370e4	1.000e4	1.000	1.04	NO	2.320	2.320
84	PCB-122	42.48	42.47	2.122e4	1.370e4	1.000	1.04	NO	2.020	2.020
86	PCB-105	43.20	43.20	2.382e4	1.400e4	1.000	1.00	NO	2.400	2.400
88	PCB-127	43.67	43.67	2.000e4	1.017e4	1.000	1.07	NO	2.000	2.000
89	PCB-126	45.52	45.52	2.000e4	1.000e4	1.000	1.01	NO	2.010	2.010



Dataset: Untitled

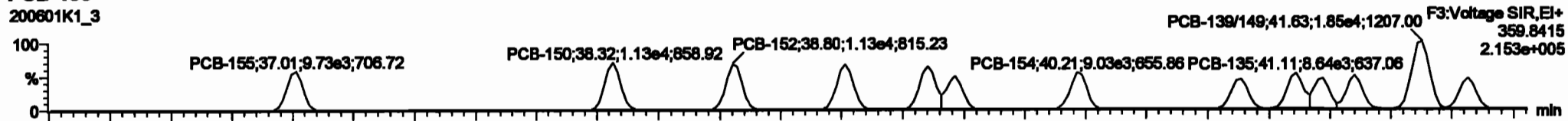
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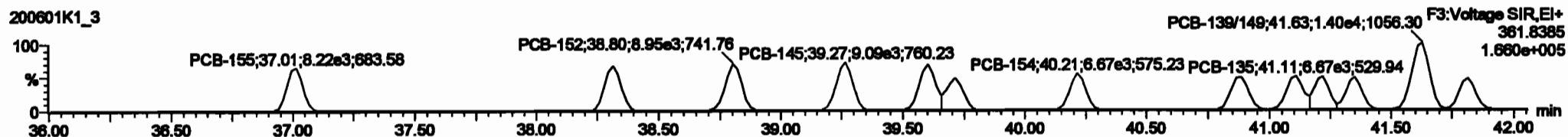
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**PCB-155**

200601K1\_3



200601K1\_3

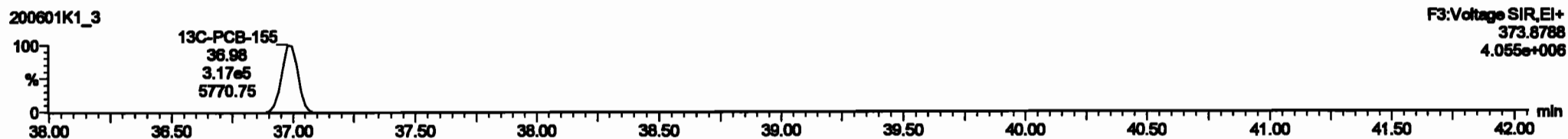


**13C-PCB-155**

200601K1\_3

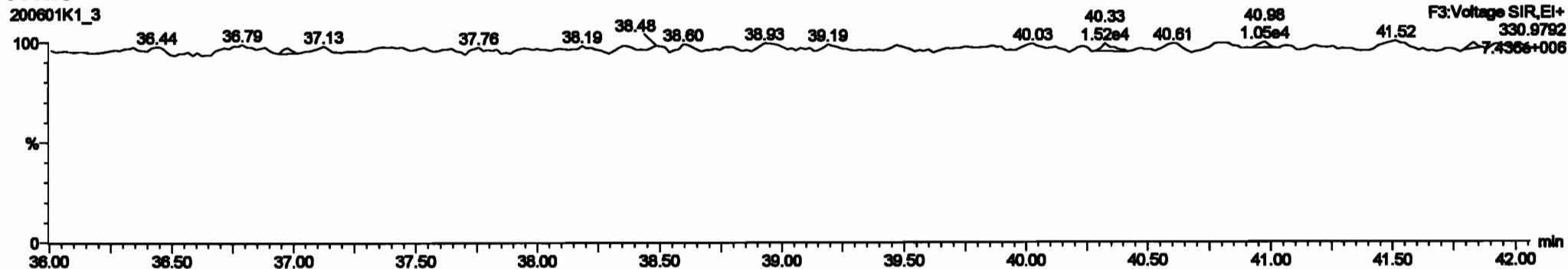


200601K1\_3



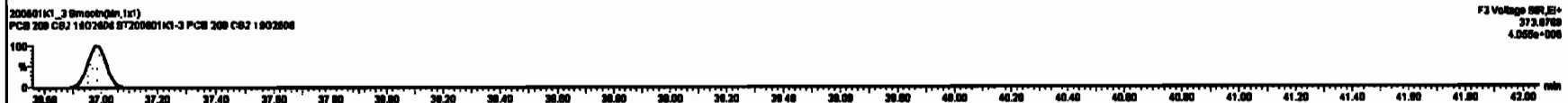
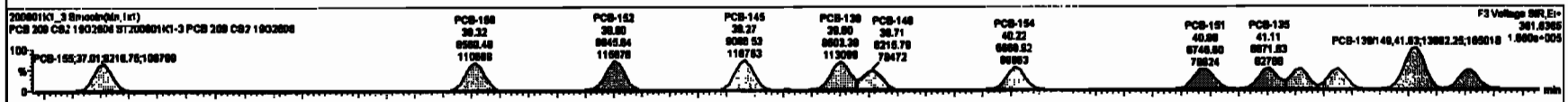
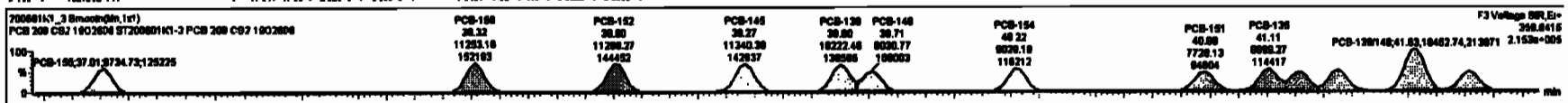
**PFK3c**

200601K1\_3



#	Name	Resp	RA	inj	RRP	StdDev	PeakOff	RT	PeakOff	RRP	RT	Comp.	RT	Temp
227	2nd Puriton TH-PCBs				0.0000	1.000	0.000	NO	38.01			0.284	38.01	
228	Total Tetra-PCBs				1.0770	1.000	0.000	NO	101.0			0.322	101.0	
229	2nd Puriton Penta-PCBs				1.2497	1.000	0.000	NO	67.82			0.371	67.82	
230	4th Puriton Penta-PCBs				1.0736	1.000	0.000	NO	12.18			0.0870	12.18	
231	2nd Puriton Hexa-PCBs				0.0000	1.000	0.000	NO	0.0000			0.0000	0.0000	
232	4th Puriton Hexa-PCBs				1.0018	1.000	0.000	NO	68.73			0.272	68.73	
233	Total Hepta-PCBs				1.2681	1.000	0.000	NO	67.74			0.488	67.74	
234	4th Puriton Octa-PCBs				1.0000	1.000	0.000	NO	21.80			0.0800	21.80	
235	2nd Puriton Octa-PCBs				1.1488	1.000	0.000	NO	6.874			0.0843	6.874	
236	Total Nona-PCBs				0.0000	1.000	0.000	NO	7.264			0.0007	7.264	
237	237 Dece-CD				0.0004	1.000	0.000	NO	2.420			0.0070	2.420	
238	238 Total PCBs													

#	Name	PeakOff	RT	Std Resp	Std Resp	T* Ratio (Peak)	RA	inj	RRP	Comp.
1	100 PCB-150	37.01	37.01	0.720e3	0.217e3	1.240	1.18	NO	2.3300	2.3300
2	100 PCB-152	38.30	38.32	1.120e4	0.880e3	1.240	1.32	NO	2.4800	2.4800
3	100 PCB-148	38.80	38.80	1.120e4	0.840e3	1.240	1.28	NO	2.3100	2.3170
4	100 PCB-146	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	1.28	NO	2.4000	2.4000
6	100 PCB-140	38.72	38.71	0.801e3	0.210e3	1.240	1.28	NO	2.3010	2.3007
7	100 PCB-154	40.22	40.22	0.800e3	0.800e3	1.240	1.38	NO	2.3220	2.3217
8	100 PCB-151	40.80	40.80	7.720e3	0.247e3	1.240	1.14	NO	2.8010	2.8012
9	100 PCB-135	41.12	41.11	0.880e3	0.872e3	1.240	1.20	NO	2.2880	2.2898



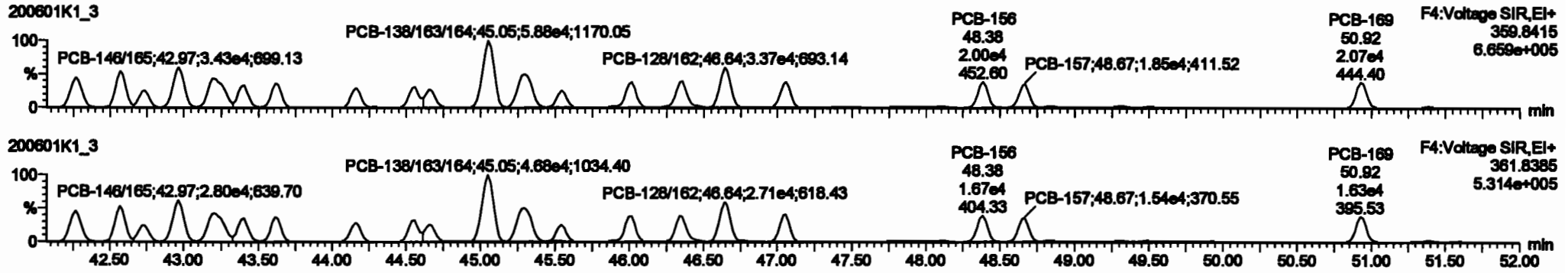


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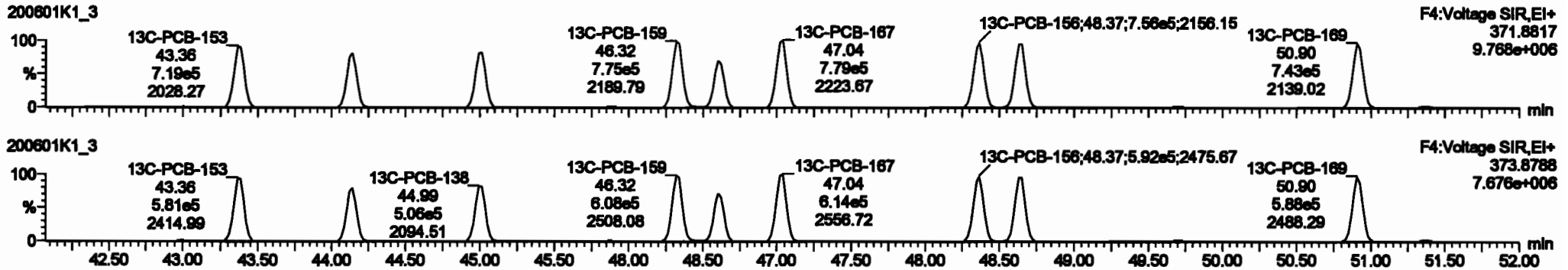
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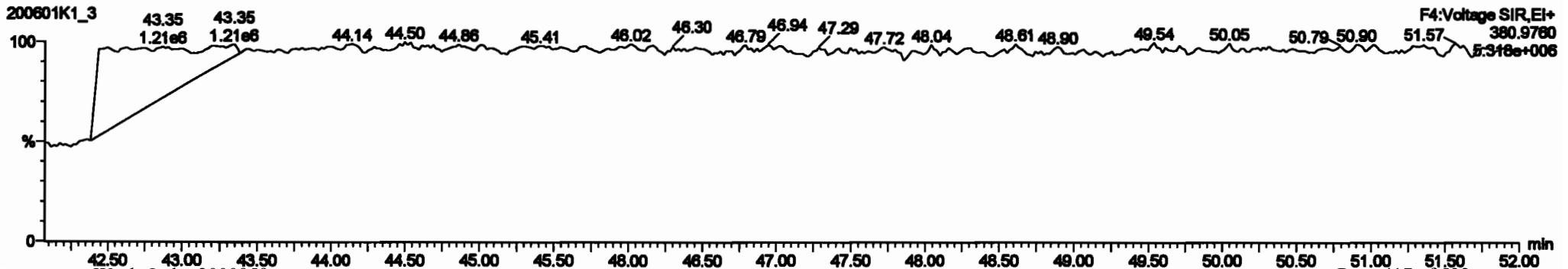
**PCB-134/143**



**13C-PCB-153**

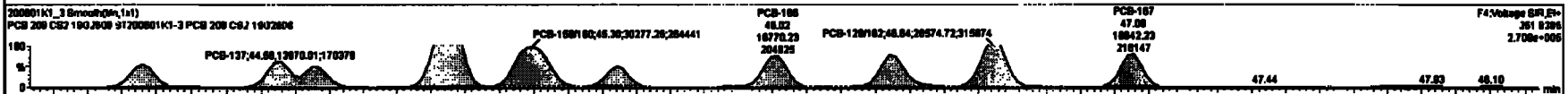
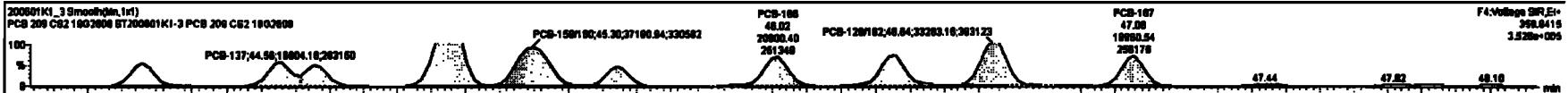


**PFK4b**



#	Group	Flow	QA	Qty	Rate	Unit	Prod.OT	OT	Prod.R.	Prod.P	Prod.Pct	Cost	Rate	Rate	Rate	Rate	Rate
227	2nd Function Tr-PCBs				0.9828	1,000	0.00		0.000	NO	38.01	0.284	38.01				
228	Total Trns-PCBs				1.0776	1,000	0.00		0.000	NO	101.0	0.322	101.0				
229	3rd Function Para-PCBs				1.2167	1,000	0.00		0.000	NO	67.82	0.271	67.82				
230	4th Function Para-PCBs				1.0726	1,000	0.00		0.000	NO	12.18	0.0678	12.18				
231	5th Function Para-PCBs				0.6993	1,000	0.00		0.000	NO	32.88	0.0678	32.88				
232	Total Para-PCBs				1.8986	1,000	0.00		0.000	NO	65.36	0.236	65.36				
233	Total Hsps-PCBs				1.2891	1,000	0.00		0.000	NO	27.74	0.468	27.74				
234	6th Function Outp-PCBs				1.0000	1,000	0.00		0.000	NO	21.88	0.0680	21.88				
235	7th Function Outp-PCBs				1.1488	1,000	0.00		0.000	NO	8.874	0.0643	8.874				
236	Total Hsps-PCBs				0.8823	1,000	0.00		0.000	NO	7.284	0.0687	7.284				
237	Down-CP				0.6884	1,000	0.00		0.000	NO	2.423	0.0678	2.423				
238	Total HTPs																

#	Group	Flow	QA	Qty	Rate	Unit	Prod.OT	OT	Prod.R.	Prod.P	Prod.Pct	Cost	Rate	Rate	Rate	Rate	Rate
111	PCB-134A43				42.28	42.28	2.622e4	2.491e4	1.240	1.28	NO	4.6370	4.6368				
112	PCB-131A30				42.88	42.87	2.947e4	2.282e4	1.240	1.28	NO	4.7870	4.7868				
113	PCB-142				42.72	42.74	1.217e4	1.080e4	1.240	1.28	NO	3.6220	3.6218				
114	PCB-148A05				42.87	42.87	3.428e4	2.884e4	1.240	1.22	NO	4.7180	4.7180				
115	PCB-132A01				43.20	43.18	3.813e4	2.738e4	1.240	1.28	NO	4.6890	4.6893				
116	PCB-163				43.38	43.48	1.777e4	1.818e4	1.240	1.18	NO	2.3880	2.3890				
117	PCB-168				43.81	43.81	1.888e4	1.822e4	1.240	1.28	NO	2.4180	2.4178				
118	PCB-141				44.18	44.18	1.487e4	1.228e4	1.240	1.28	NO	2.4080	2.4084				
119	PCB-137				44.88	44.88	1.888e4	1.387e4	1.240	1.18	NO	2.8870	2.8888				



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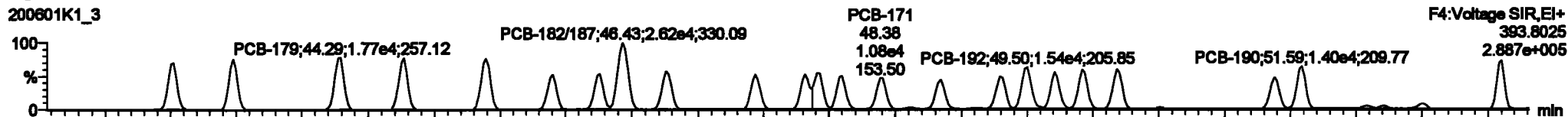
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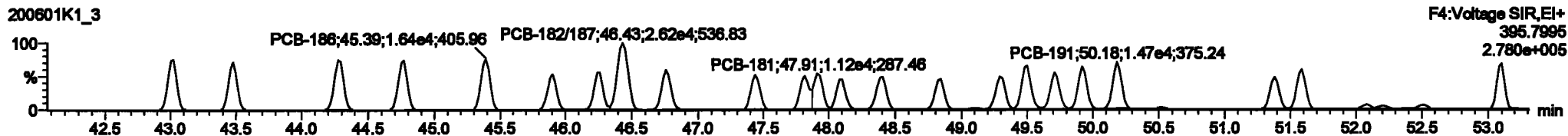
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**PCB-188**

200601K1\_3

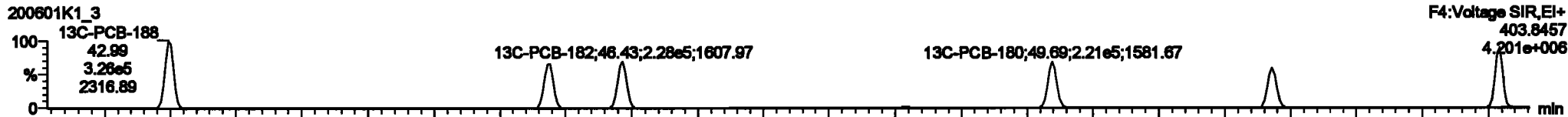


200601K1\_3

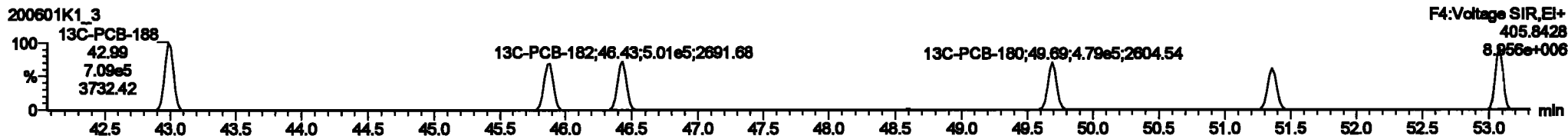


**13C-PCB-188**

200601K1\_3

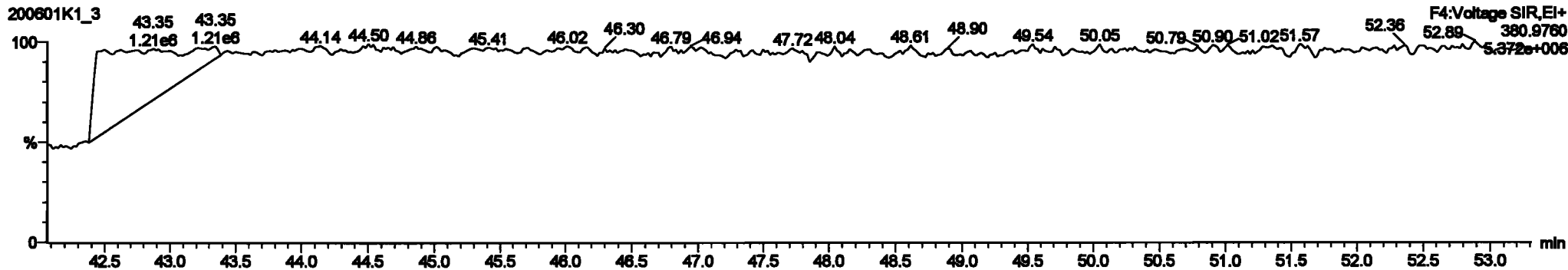


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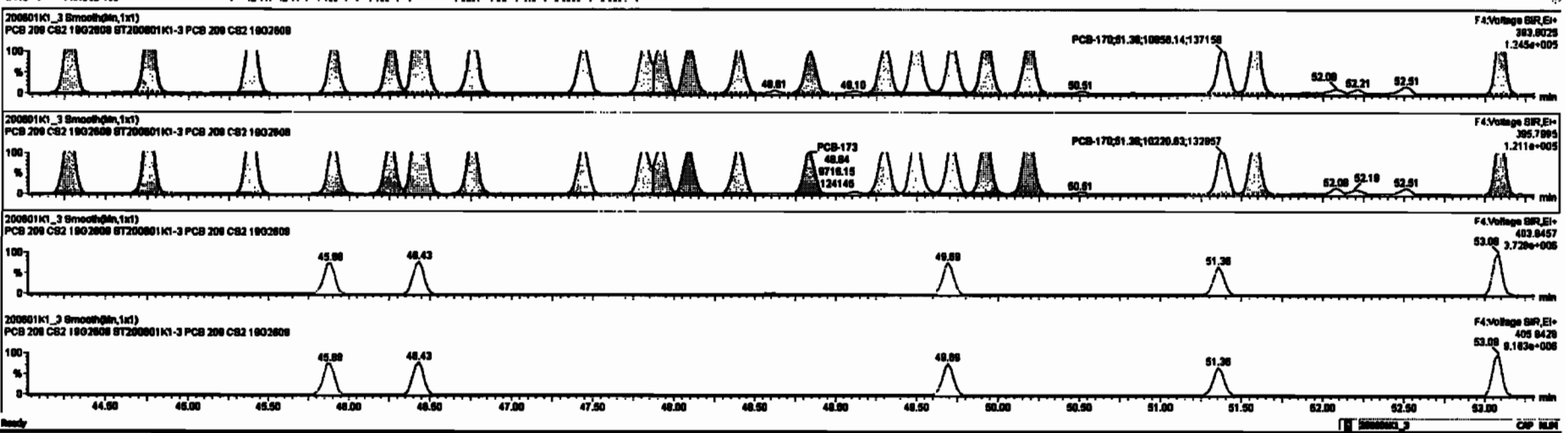
**PFK4c**

200601K1\_3



ID	Name	Resp	RA	RF	RF2	valve	ProdRT	RT	ProdLR	RF2	RF2 Prod	Comp	Area	CL	SPC
227	2nd Function TM-PCBs				0.0026	1.000	0.00		0.000		NO	38.01	0.284	38.01	
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	101.0	0.322	101.0	
229	2nd Function Penta-PCBs				1.3167	1.000	0.00		0.000		NO	87.82	0.371	87.82	
230	6th Function Penta-PCBs				1.0725	1.000	0.00		0.000		NO	12.18	0.0878	12.18	
231	2nd Function Hexa-PCBs				0.0025	1.000	0.00		0.000		NO	32.88	0.0878	32.88	
232	6th Function Hexa-PCBs				1.0016	1.000	0.00		0.000		NO	88.72	0.272	88.72	
233	2nd Function Octa-PCBs				1.2888	1.000	0.00		0.000		NO	87.24	0.284	87.24	
234	6th Function Octa-PCBs				1.0008	1.000	0.00		0.000		NO	21.88	0.0803	21.88	
235	8th Function Octa-PCBs				1.1488	1.000	0.00		0.000		NO	6.974	0.0843	6.974	
236	Total Hexa-PCBs				0.0023	1.000	0.00		0.000		NO	7.284	0.0887	7.284	
237	Deca-Cl				0.0884	1.000	0.00		0.000		NO	2.423	0.09782	2.423	
238	Total PCBs														

ID	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	1.883e4	1.820e4	1.000	1.00	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-178	44.70	44.77	1.708e4	1.803e4	1.000	1.07	NO	2.4420
5	135 PCB-188	48.38	48.38	1.788e4	1.844e4	1.000	1.07	NO	2.4870
6	136 PCB-178	48.80	48.80	1.171e4	1.142e4	1.000	1.02	NO	2.3880
7	137 PCB-178	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

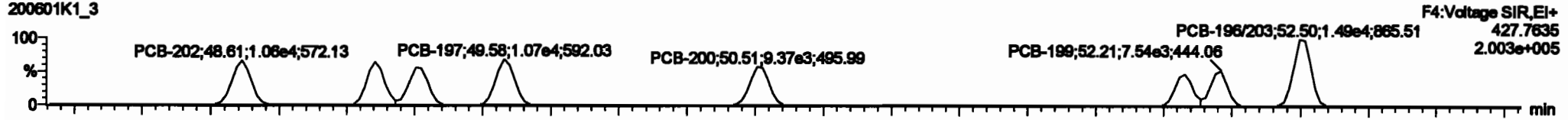


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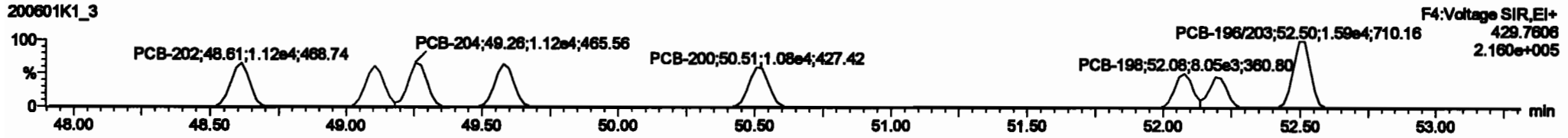
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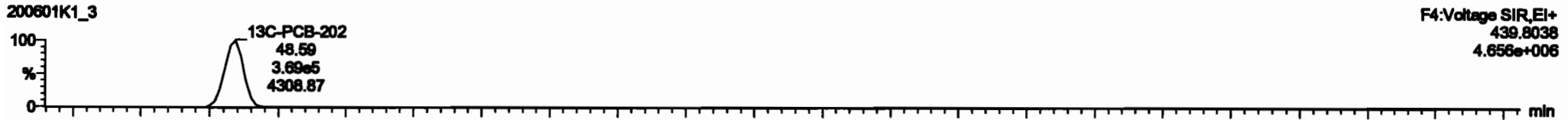
PCB-202  
200601K1\_3



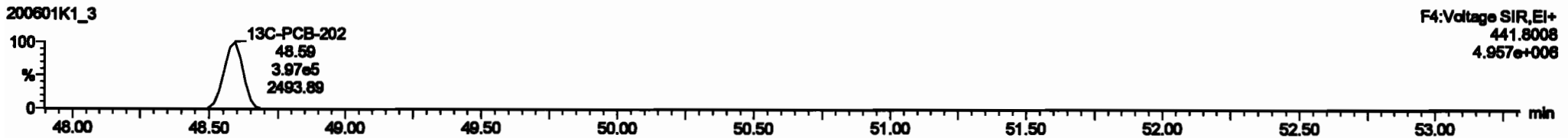
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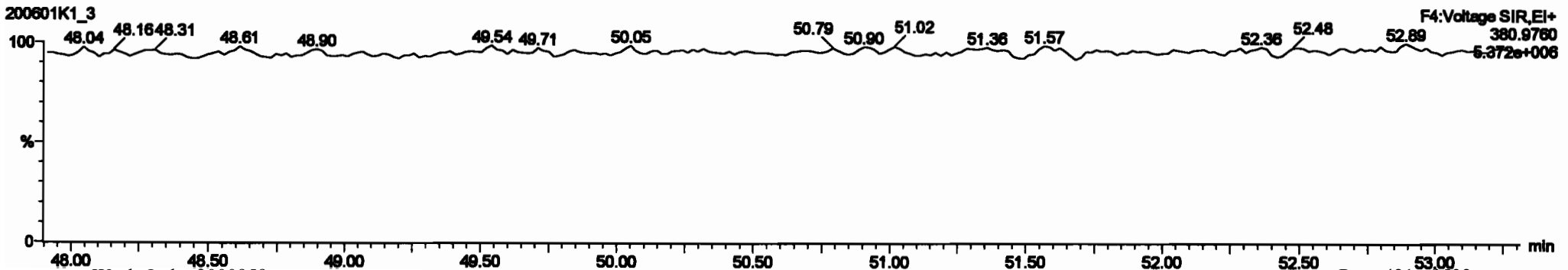
13C-PCB-202



200601K1\_3

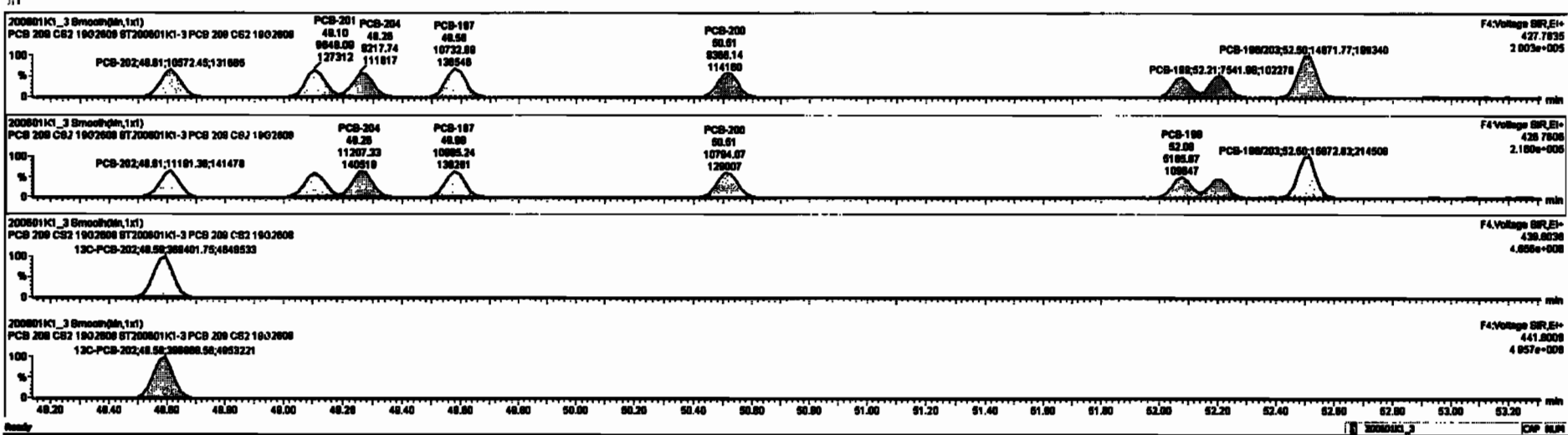


PFK4d



#	Name	Qty	RA	nly	RF	Volts	Power	RT	Pres.R	RRT	RRT Pwr	Comp.	%Pwr	Volts	RFPC
227	3rd Function TM-PCBs				0.000	1.000	0.00		0.000		NO	30.01	0.384	30.01	
228	Total Telo-PCBs				1.0776	1.000	0.00		0.000		NO	101.0	0.322	101.0	
229	3rd Function Para-PCBs				1.3167	1.000	0.00		0.000		NO	67.62	0.371	67.62	
230	4th Function Para-PCBs				1.0795	1.000	0.00		0.000		NO	12.18	0.0070	12.18	
231	3rd 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				1.3681	1.000	0.00		0.000		NO	67.74	0.480	67.74	
234	3rd Function Ode-PCBs				1.0000	1.000	0.00		0.000		NO	31.80	0.0000	31.80	
235	3th 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	7.364	0.0007	7.364	
237	Dase-CD				0.0004	1.000	0.00		0.000		NO	2.423	0.0070	2.423	
238	Total RTs														

#	Name	Pres.R	RT	Volts	Power	% Pwr (Pres)	RA	nly	RFPC	Comp.
164	PCB-202	48.63	48.61	1.050e4	1.110e4	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	2.3380
167	PCB-187	48.68	48.68	1.072e4	1.080e4	0.000	0.88	NO	2.4916	2.4908
168	PCB-200	60.61	60.61	0.380e3	1.070e4	0.000	0.87	NO	2.4680	2.4681
169	PCB-188	62.08	62.08	0.000e3	0.180e3	0.000	0.85	NO	2.4770	2.4772
170	PCB-189	62.18	62.21	7.820e3	7.820e3	0.000	1.00	NO	2.4300	2.4287
181	PCB-188203	62.62	62.60	1.480e4	1.880e4	0.000	0.94	NO	4.7670	4.7687



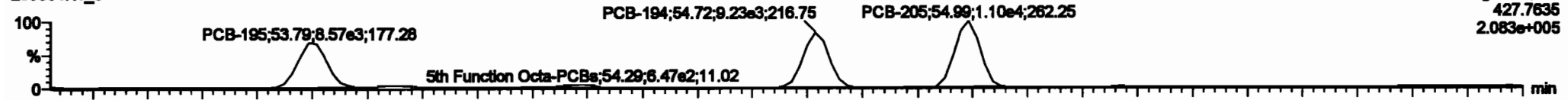
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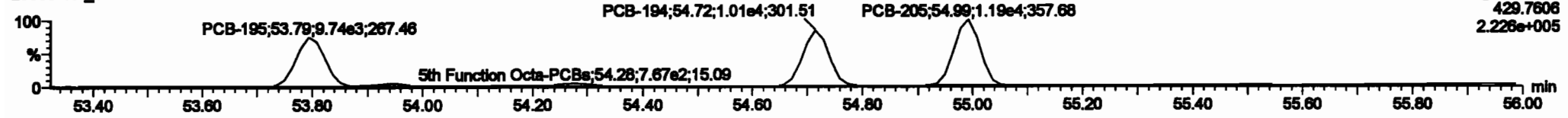
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**PCB-195**

200801K1\_3

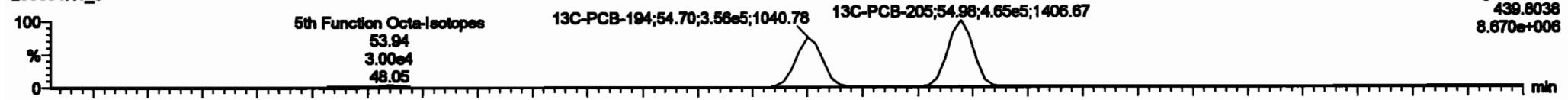


200801K1\_3

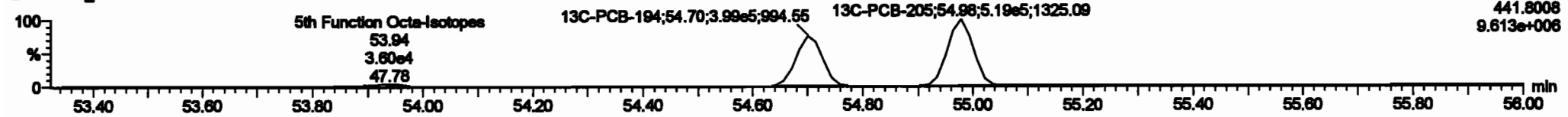


**13C-PCB-194**

200801K1\_3

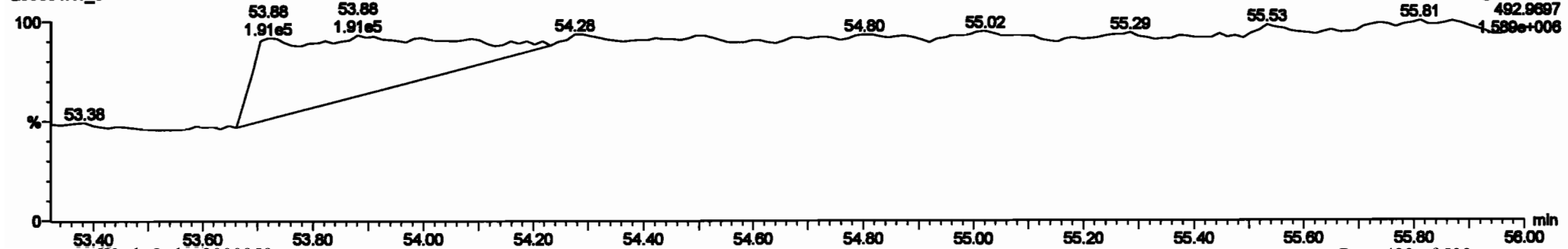


200801K1\_3



**PFK5a**

200801K1\_3



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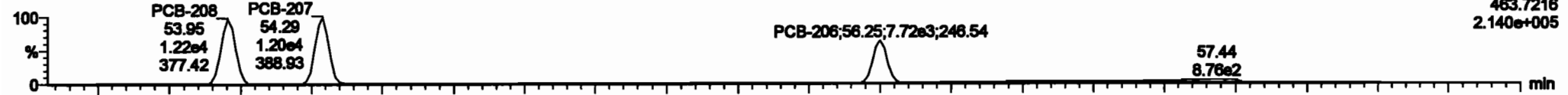
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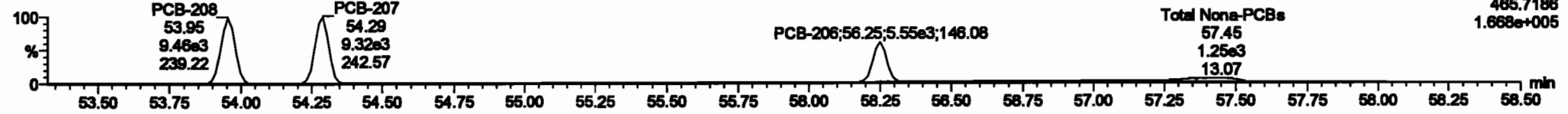
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**PCB-208**

200601K1\_3

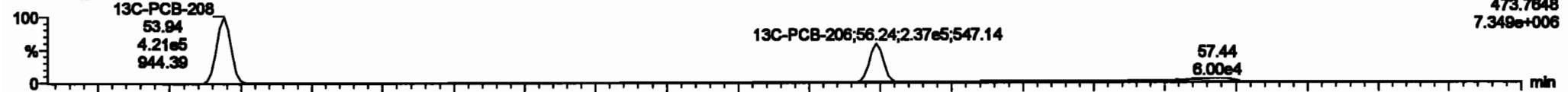


200601K1\_3

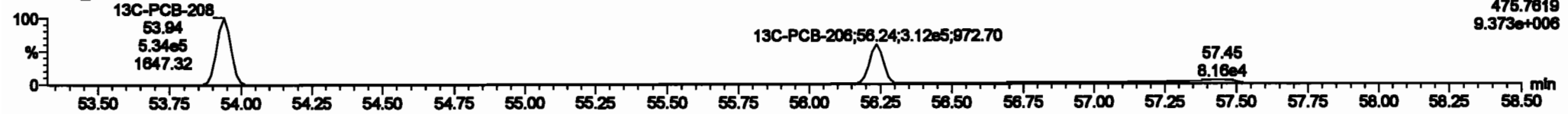


**13C-PCB-208**

200601K1\_3

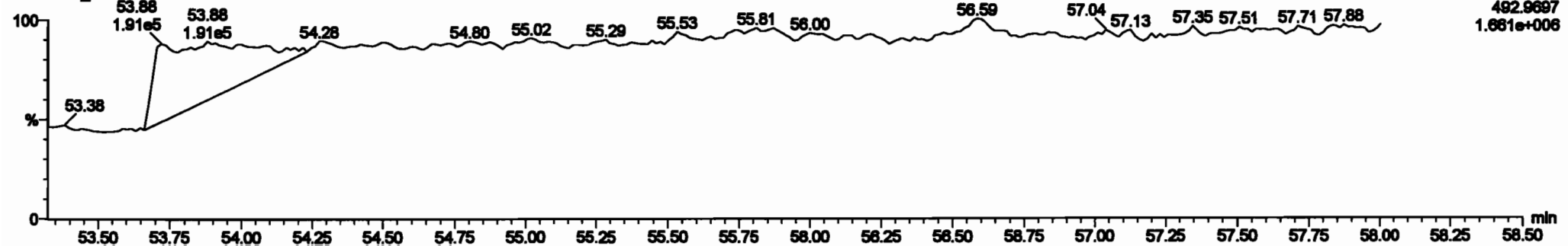


200601K1\_3



**PFK5**

200601K1\_3





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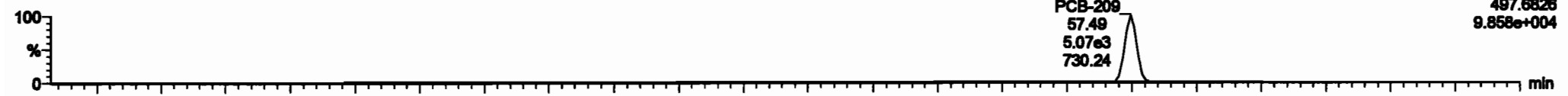
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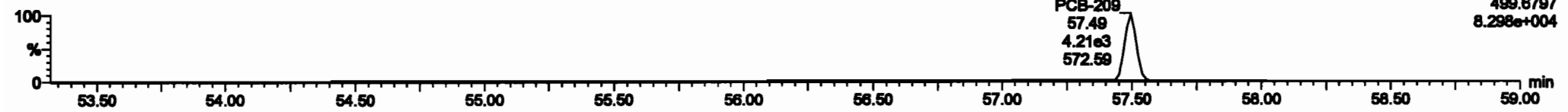
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**PCB-209**

200601K1\_3

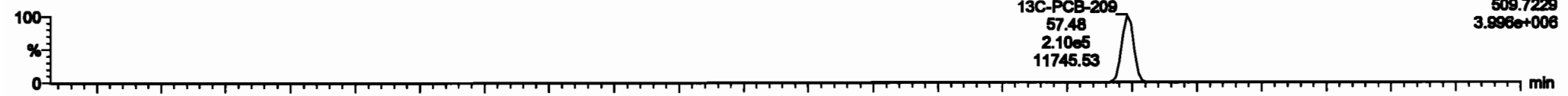


200601K1\_3

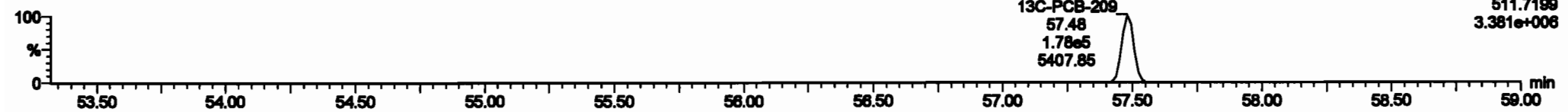


**13C-PCB-209**

200601K1\_3

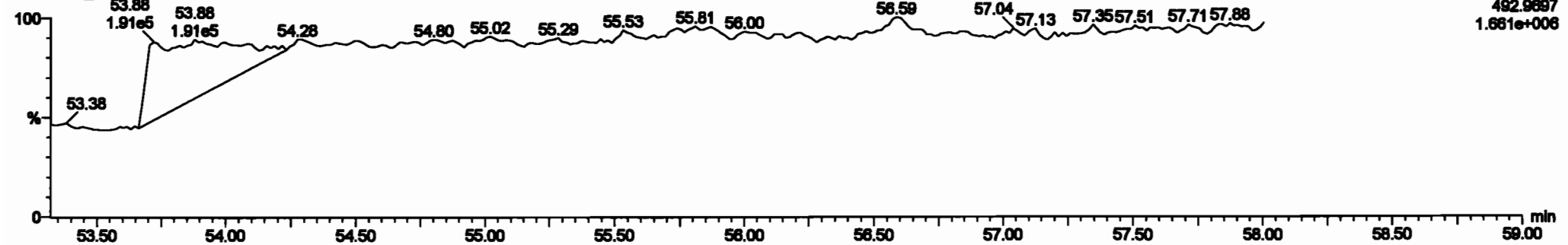


200601K1\_3



**PFK5b**

200601K1\_3



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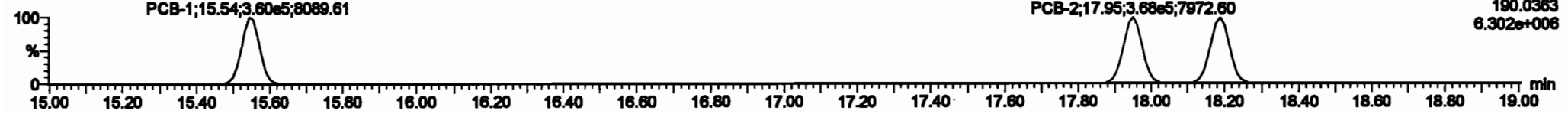
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PCB-1

200601K1\_4



200601K1\_4

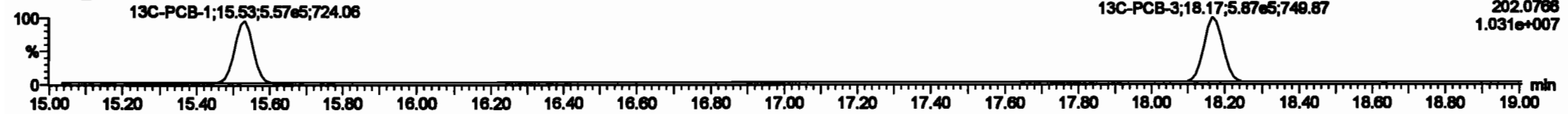


13C-PCB-1

200601K1\_4

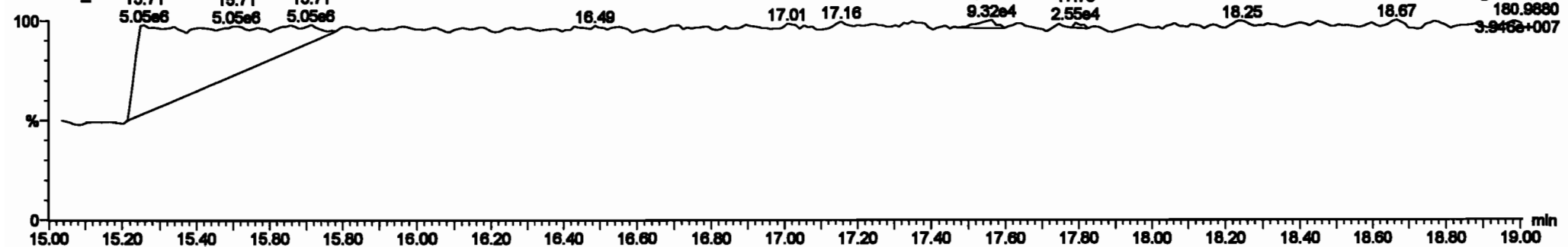


200601K1\_4



PFK1

200601K1\_4



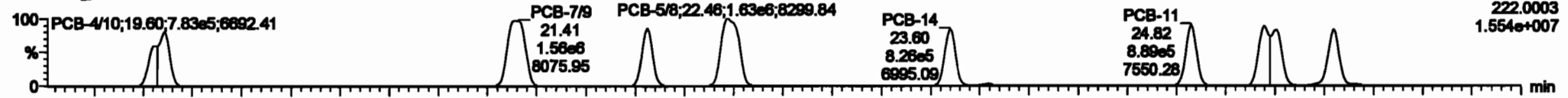
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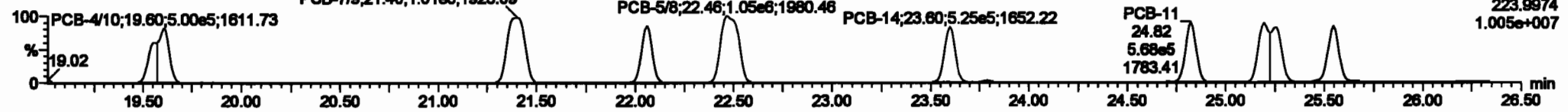
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**PCB-4/10**

200601K1\_4

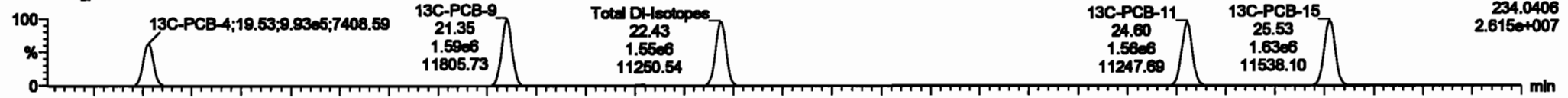


200601K1\_4

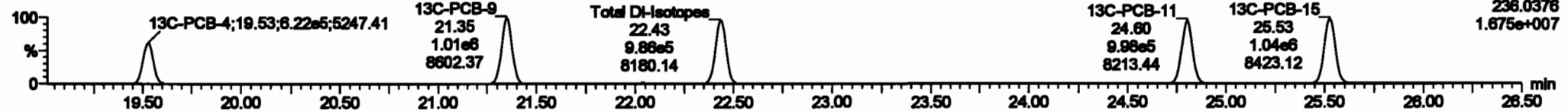


**13C-PCB-4**

200601K1\_4

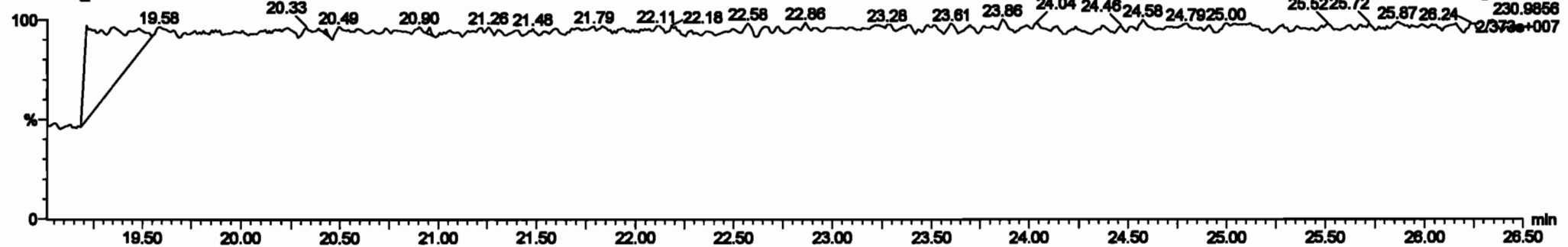


200601K1\_4



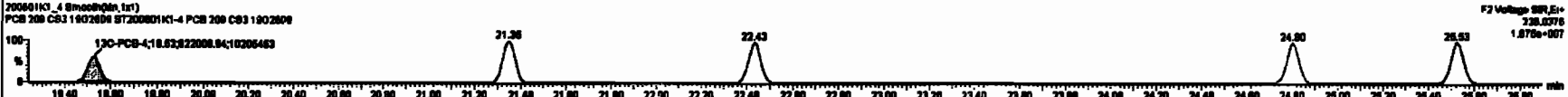
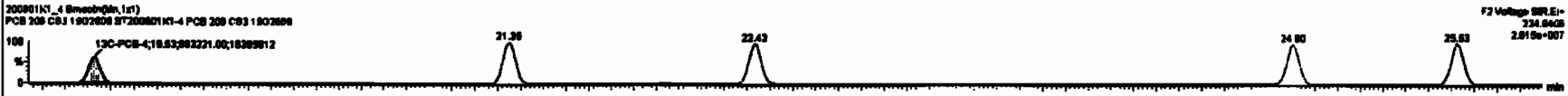
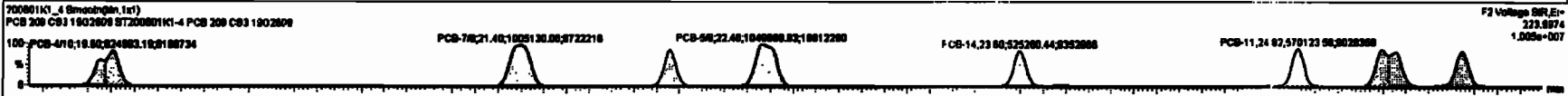
**PFK2a**

200601K1\_4



#	Name	Temp	RA	dy	RFP	width	PeakOff	RT	PeakID	RTT	RTT Pct	Comp.	Value	SL	SNPC
224	Total Mono-PCBs		1.188	1.00	0.00	0.00	0.00	ND	188.1			0.0042	188.1		
225	Total Mono-PCBs		1.000	1.00	0.00	0.00	0.00	ND	0.00			0.0000	0.00		
226	2nd Function TMAPCs		1.000	1.00	0.00	0.00	0.00	ND	412.0			0.0000	412.0		
227	2nd Function TMAPCs		0.000	1.00	0.00	0.00	0.00	ND	0.00			0.0000	0.00		
228	Total Tetro-PCBs		1.0770	1.00	0.00	0.00	0.00	ND	2171			0.0043	2171		
229	2nd Function Parao-PCBs		1.2107	1.00	0.00	0.00	0.00	ND	2100			0.0026	2100		
230	4th Function Parao-PCBs		1.0720	1.00	0.00	0.00	0.00	ND	201.1			0.0022	201.1		
231	2nd Function Meta-PCBs		0.0000	1.00	0.00	0.00	0.00	ND	0.00			0.0000	0.00		
232	4th Function Meta-PCBs		1.0010	1.00	0.00	0.00	0.00	ND	1491			1.00	1491		
233	Total Hapto-PCBs		1.3001	1.00	0.00	0.00	0.00	ND	1280			1.20	1280		
234	4th Function Oxo-PCBs		1.0000	1.00	0.00	0.00	0.00	ND	448.1			0.320	448.1		
235	2nd Function Oxo-PCBs		1.1491	1.00	0.00	0.00	0.00	ND	176.1			0.300	176.1		

#	Name	Temp	RA	dy	RFP	width	PeakOff	RT	PeakID	RTT	RTT Pct	Comp.	Value	SL	SNPC
1	PCB-4/10		18.91	18.90	1.200e0	0.300e0		1.90	ND	100.84		100.80			
2	PCB-7/8		21.41	21.41	1.000e0	1.000e0		1.80	ND	102.00		102.00			
3	PCB-9		22.00	22.00	8.100e0	8.200e0		1.80	ND	90.400		90.400			
4	PCB-14		22.40	22.40	1.000e0	1.000e0		1.80	ND	100.00		100.00			
5	PCB-11		24.00	24.00	0.200e0	0.200e0		1.57	ND	91.000		91.000			
6	PCB-11		24.02	24.02	0.001e0	0.001e0		1.57	ND	90.770		90.770			
7	PCB-12/13		25.25	25.25	1.040e0	1.000e0		1.84	ND	100.30		100.30			
8	PCB-10		25.07	25.05	0.420e0	0.420e0		1.80	ND	92.300		92.300			

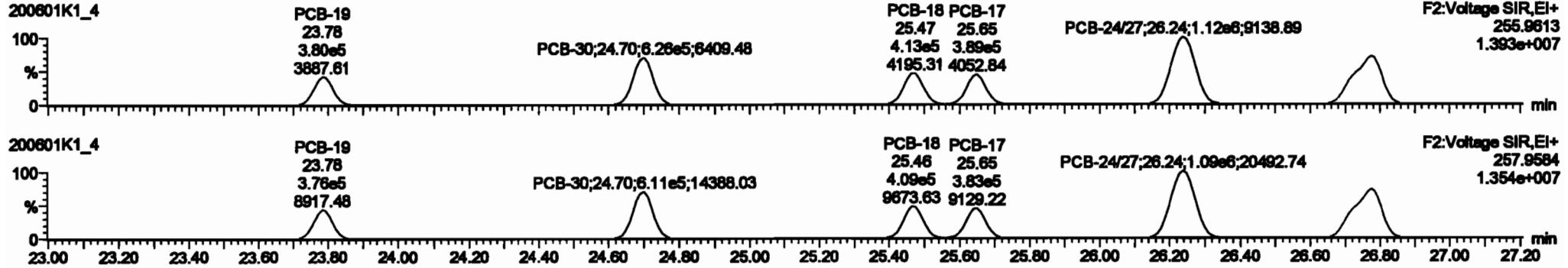


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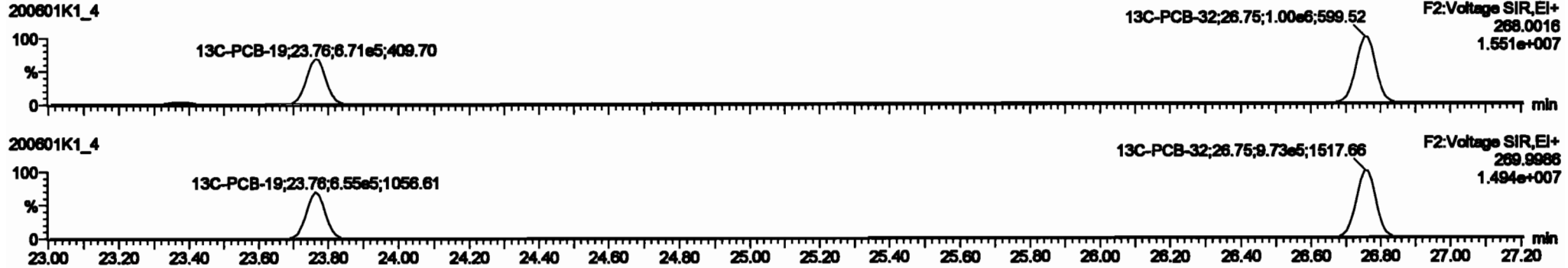
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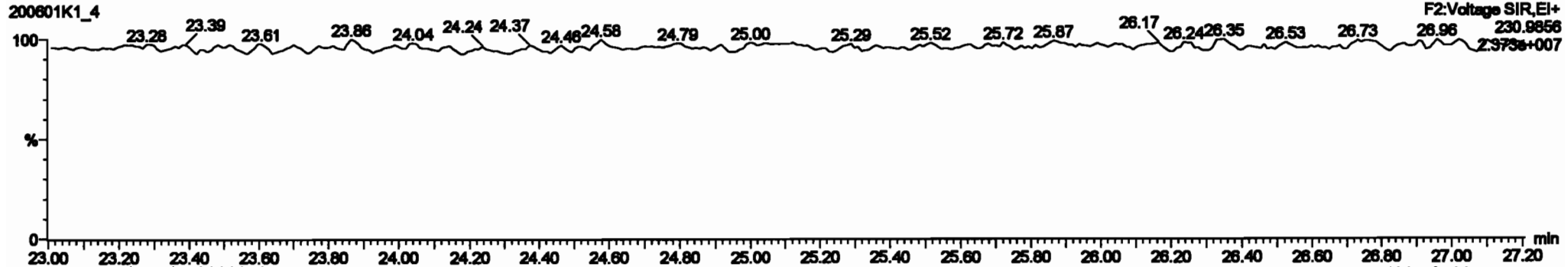
PCB-19



13C-PCB-19



PFK2b



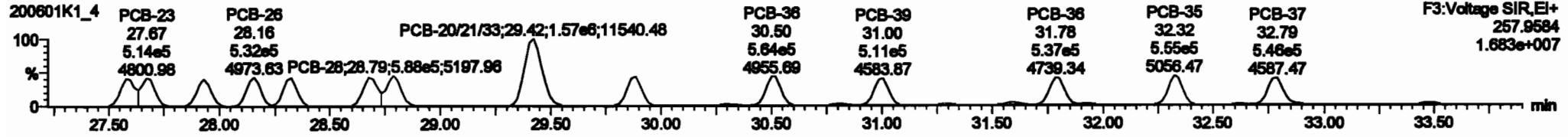
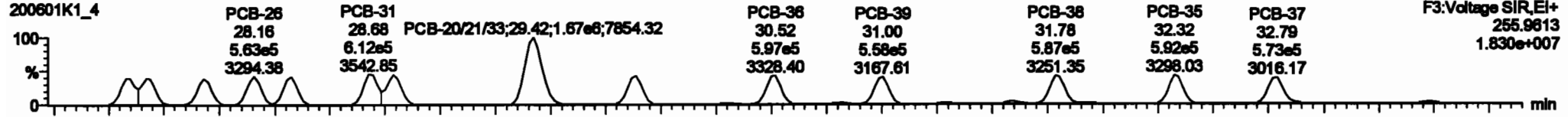
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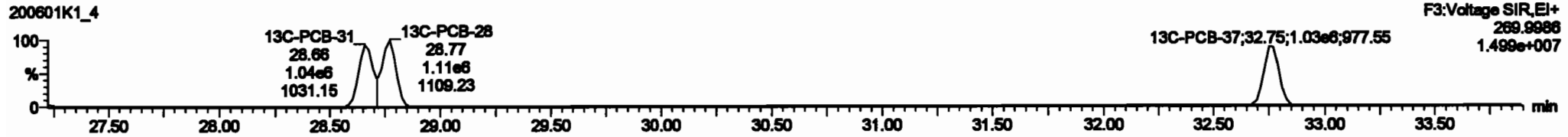
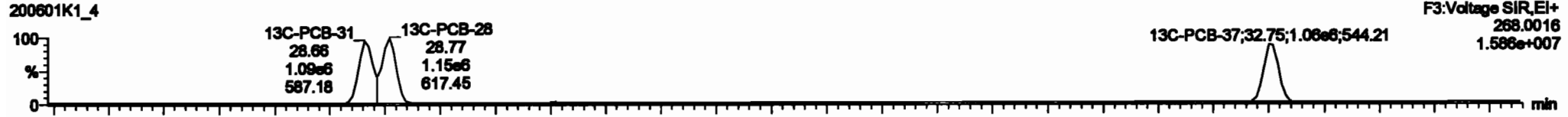
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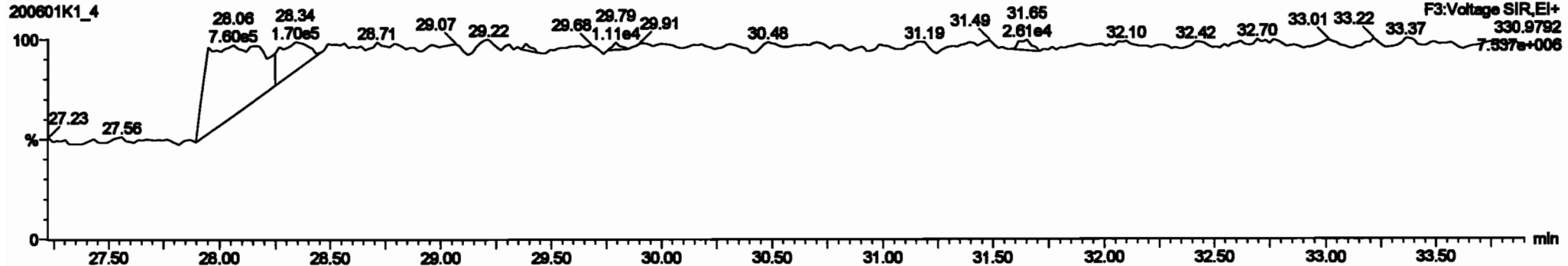
**PCB-34**



**13C-PCB-28**

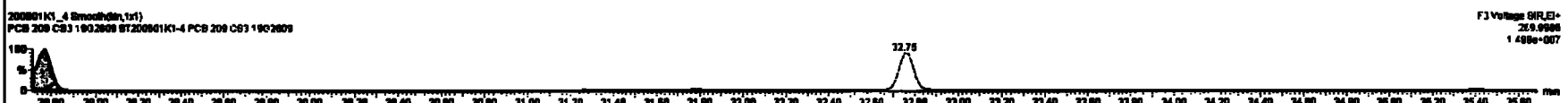
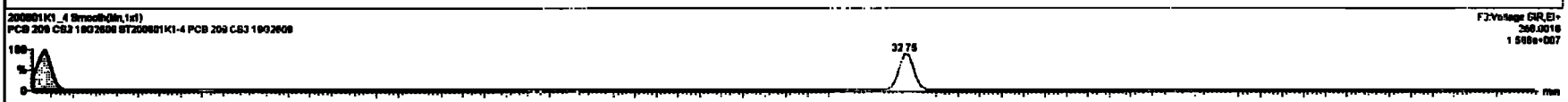
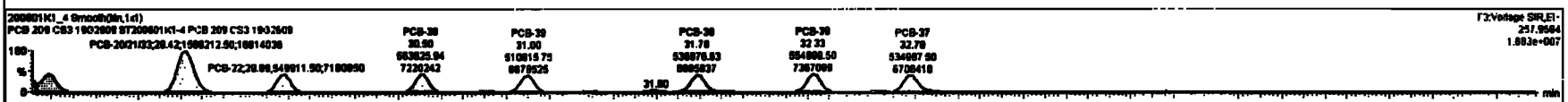
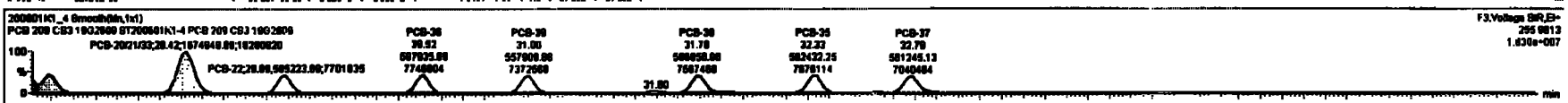


**PFK3d**



#	Name	Comp	RA	Qty	Unit	Cost	Unit Cost	Ext Cost	Wt	Wt Unit	Ext Wt	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit
224	Total Mono-PCBs					1.0000	0.00	0.0000			0.0000	NO	188.1	0.0000	188.1			
225	Total Di-PCBs					1.0000	0.00	0.0000			0.0000	NO	818.4	0.0000	818.4			
226	Total Tri-PCBs					1.0000	0.00	0.0000			0.0000	NO	412.8	0.0000	412.8			
227	Total Tetra-PCBs					1.0000	0.00	0.0000			0.0000	NO	2171	0.0000	2171			
228	Total Mono-PCBs					1.0000	0.00	0.0000			0.0000	NO	2171	0.0000	2171			
229	Total Di-PCBs					1.0000	0.00	0.0000			0.0000	NO	2108	0.0000	2108			
230	Total Tri-PCBs					1.0000	0.00	0.0000			0.0000	NO	281.1	0.0000	281.1			
231	Total Tetra-PCBs					1.0000	0.00	0.0000			0.0000	NO	887.0	0.0000	887.0			
232	Total Mono-PCBs					1.0000	0.00	0.0000			0.0000	NO	1481	0.0000	1481			
233	Total Di-PCBs					1.0000	0.00	0.0000			0.0000	NO	1280	0.0000	1280			
234	Total Tri-PCBs					1.0000	0.00	0.0000			0.0000	NO	448.1	0.0000	448.1			
235	Total Tetra-PCBs					1.0000	0.00	0.0000			0.0000	NO	188.1	0.0000	188.1			

#	Name	Comp	RA	Qty	Unit	Cost	Unit Cost	Ext Cost	Wt	Wt Unit	Ext Wt	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit	Ext Wt Unit
18	PCB-34			27.87	27.87	5.93e+5	2.13e+5	1.0000	1.08	NO	80.487	80.487						
19	PCB-35			27.87	27.87	6.28e+5	2.24e+5	1.0000	1.08	NO	82.838	82.838						
20	PCB-36			27.87	27.87	6.21e+5	2.21e+5	1.0000	1.08	NO	80.340	80.340						
21	PCB-37			28.18	28.18	6.52e+5	2.31e+5	1.0000	1.08	NO	81.287	81.287						
22	PCB-38			28.31	28.32	6.91e+5	2.41e+5	1.0000	1.08	NO	83.288	83.288						
23	PCB-31			28.88	28.88	6.11e+5	2.38e+5	1.0000	1.14	NO	88.828	88.828						
24	PCB-39			28.78	28.78	6.38e+5	2.47e+5	1.0000	1.08	NO	82.734	82.734						
25	PCB-202103			28.43	28.43	1.87e+6	6.68e+5	1.0000	1.07	NO	182.28	182.28						
26	PCB-22			28.87	28.88	6.88e+5	2.48e+5	1.0000	1.08	NO	81.848	81.848						

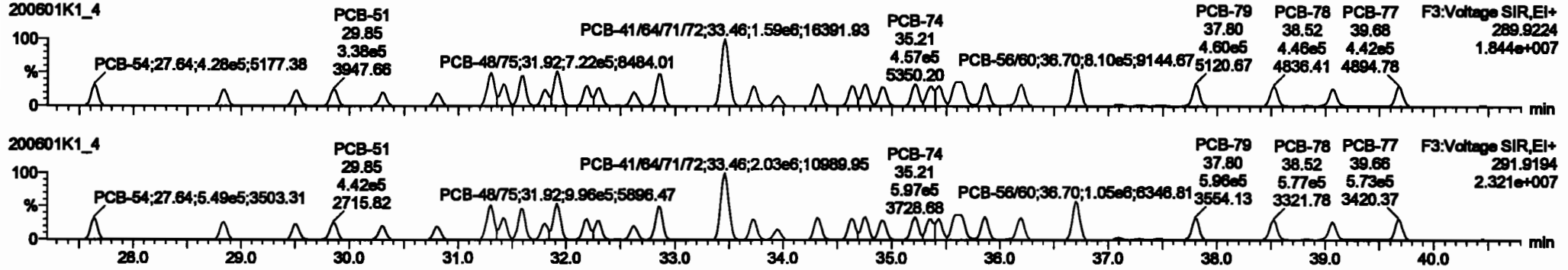


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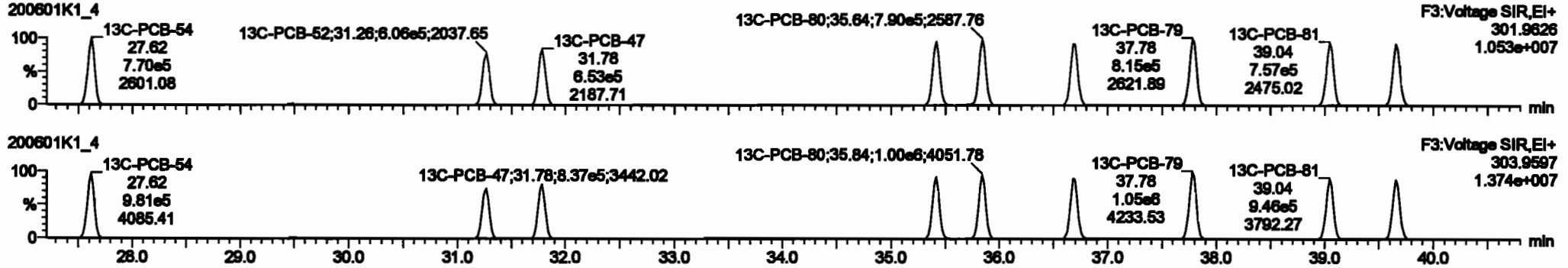
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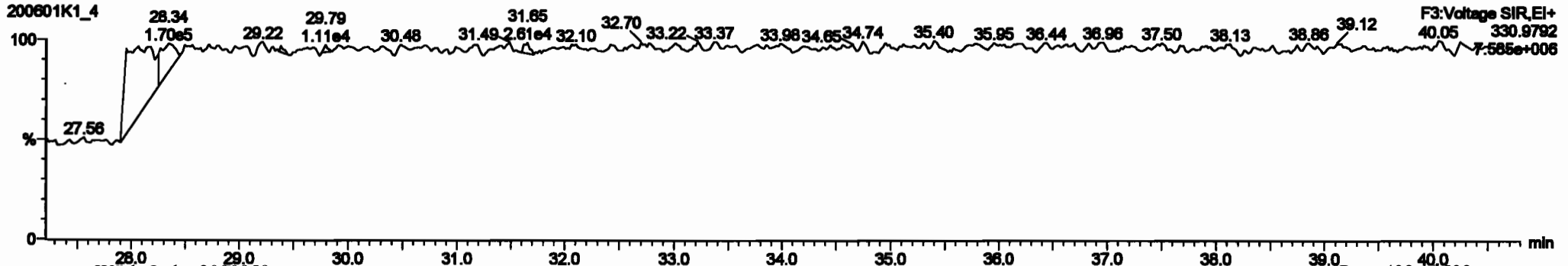
**PCB-54**



**13C-PCB-54**



**PFK3a**





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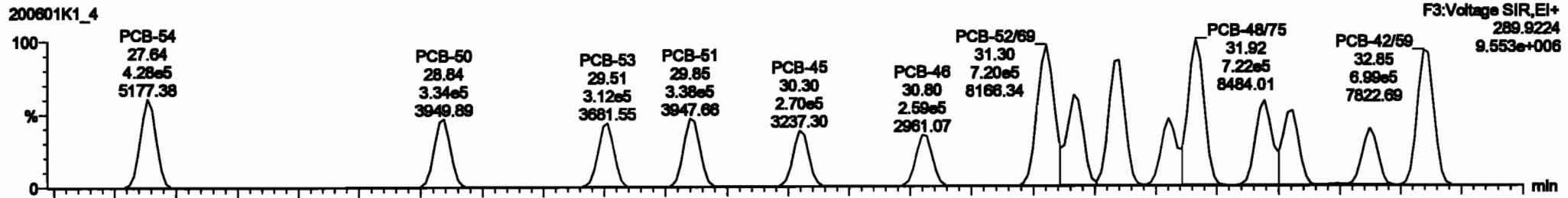
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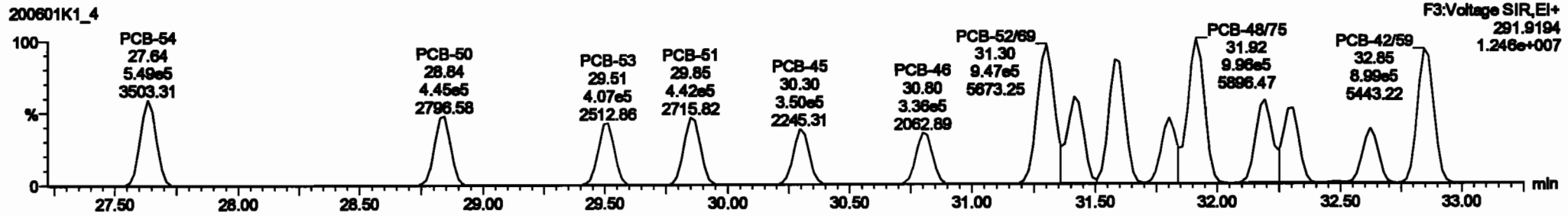
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PCB-50

200601K1\_4

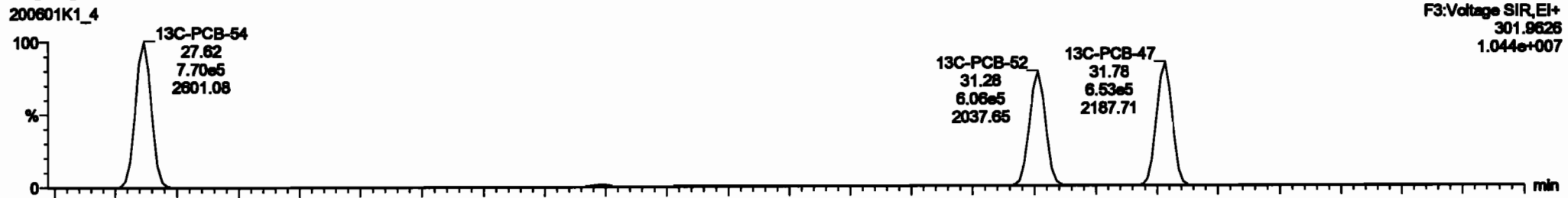


200601K1\_4

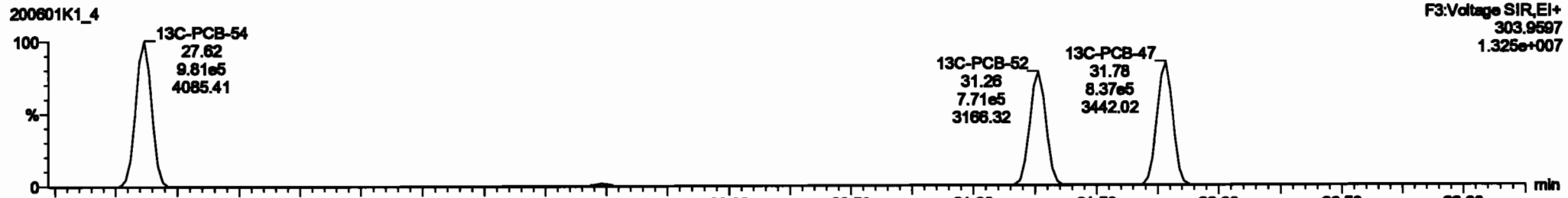


13C-PCB-52

200601K1\_4

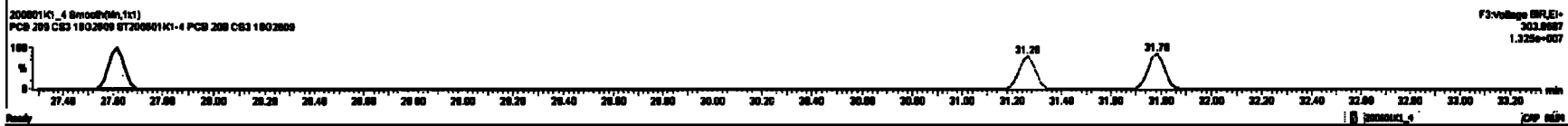
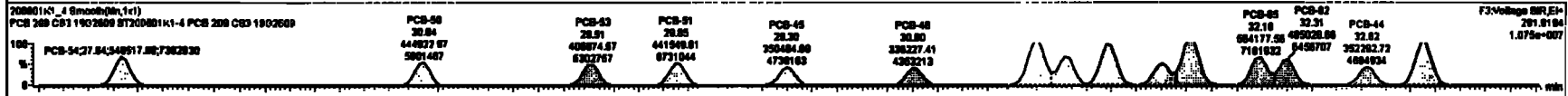
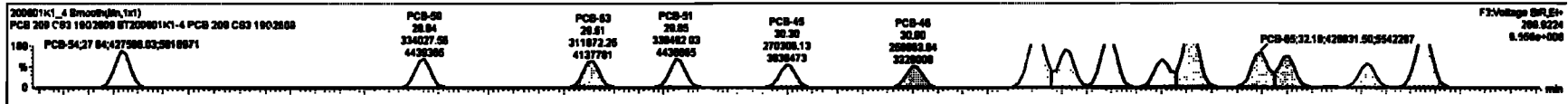


200601K1\_4



#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	Area	WRT	Comp	Ratio	DL	MSPC
226	Total Mono-PCBs				1.1885	1.288	0.00	0.000	NO	188.1			0.0292	188.1	
228	Total Di-PCBs				1.2887	1.288	0.00	0.000	NO	818.4			0.288	818.4	
229	Total Tri-PCBs				1.0887	1.088	0.00	0.000	NO	412.5			0.0878	412.5	
227	2nd Function Tri-PCBs				0.8887	1.088	0.00	0.000	NO	818.1			0.371	818.1	
228	3rd Function Tri-PCBs				1.2887	0.888	0.00	0.000	NO	218.1			0.258	218.1	
229	2nd Function Tetra-PCBs				1.3187	1.088	0.00	0.000	NO	218.1			0.258	218.1	
230	3rd Function Tetra-PCBs				0.8187	1.088	0.00	0.000	NO	218.1			0.182	218.1	
231	4th Function Tetra-PCBs				0.8887	1.088	0.00	0.000	NO	818.1			0.182	818.1	
232	5th Function Tetra-PCBs				1.0187	1.088	0.00	0.000	NO	148.1			1.88	148.1	
233	Total Penta-PCBs				1.3887	1.088	0.00	0.000	NO	128.1			1.28	128.1	
234	6th Function Penta-PCBs				1.0887	1.088	0.00	0.000	NO	468.1			0.322	468.1	
235	7th Function Penta-PCBs				1.1487	1.088	0.00	0.000	NO	184.1			0.288	184.1	

#	Name	Value	RT	RT Range	W/F	Peak	Area	WRT	Comp	Ratio
32	PCB-84	27.84	27.84	4.27865	0.48865	0.770	0.78	NO	81.824	81.824
33	PCB-89	28.89	28.84	3.24065	4.44865	0.770	0.78	NO	80.878	80.878
34	PCB-89	28.89	28.81	3.12865	4.08865	0.770	0.77	NO	82.288	82.288
35	PCB-91	28.89	28.88	3.28865	4.41865	0.770	0.77	NO	83.201	83.201
36	PCB-45	30.30	30.30	2.70865	3.80865	0.770	0.77	NO	82.288	82.288
37	PCB-45	30.30	30.85	2.85865	3.30865	0.770	0.77	NO	82.893	82.893
38	PCB-49B	31.31	31.20	1.25865	0.47865	0.770	0.78	NO	108.88	108.88
39	PCB-73	31.41	31.41	4.88865	0.82865	0.770	0.78	NO	83.821	83.821
40	PCB-49B	31.88	31.88	6.28865	0.31465	0.770	0.77	NO	108.87	108.87



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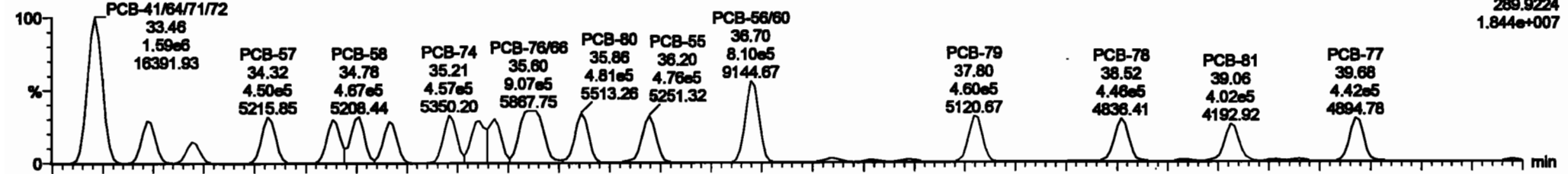
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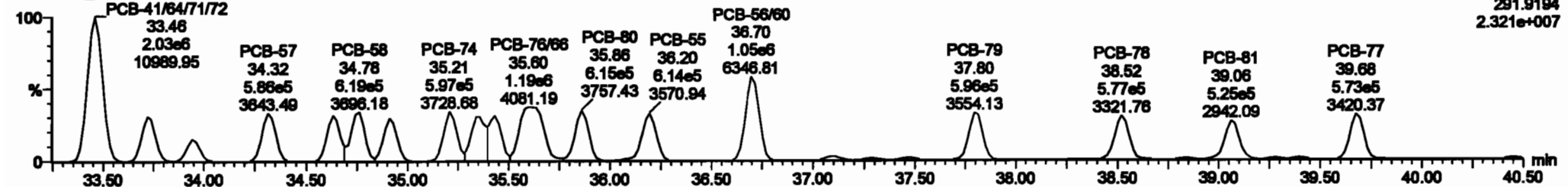
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PCB-68

200601K1\_4

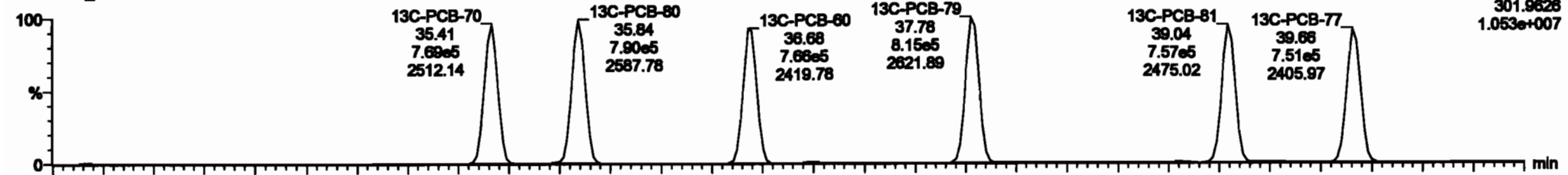


200601K1\_4

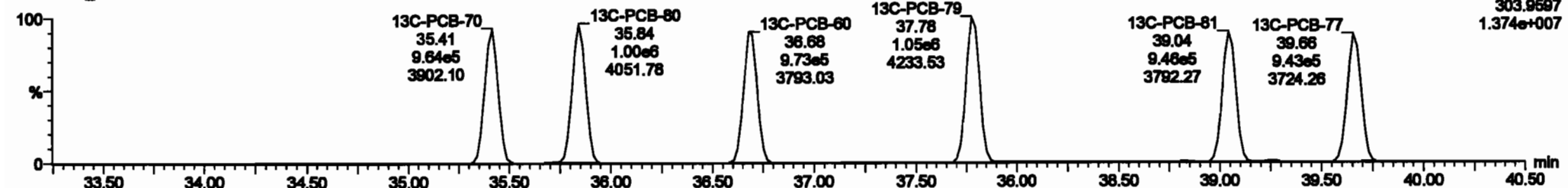


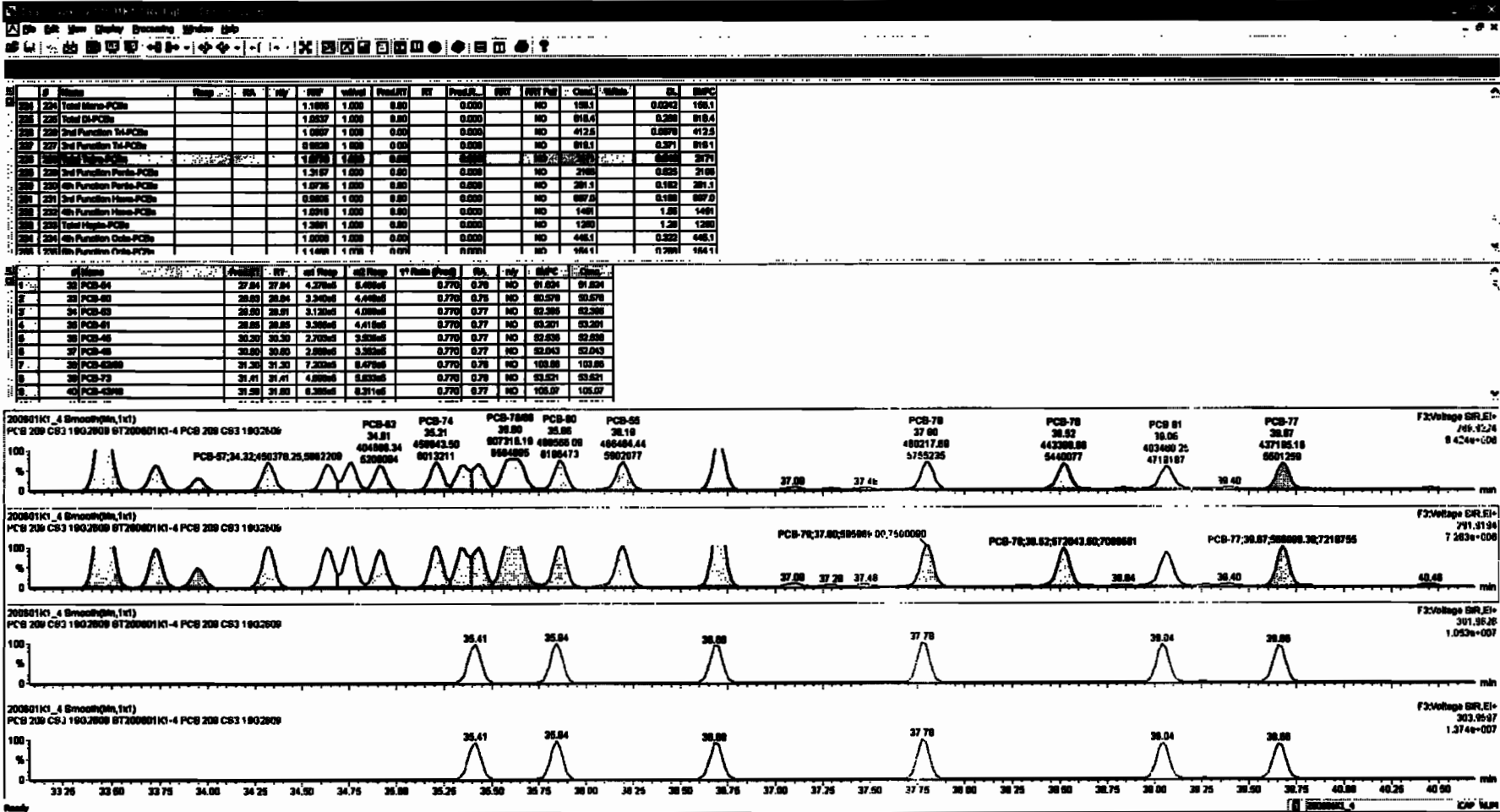
13C-PCB-60

200601K1\_4



200601K1\_4





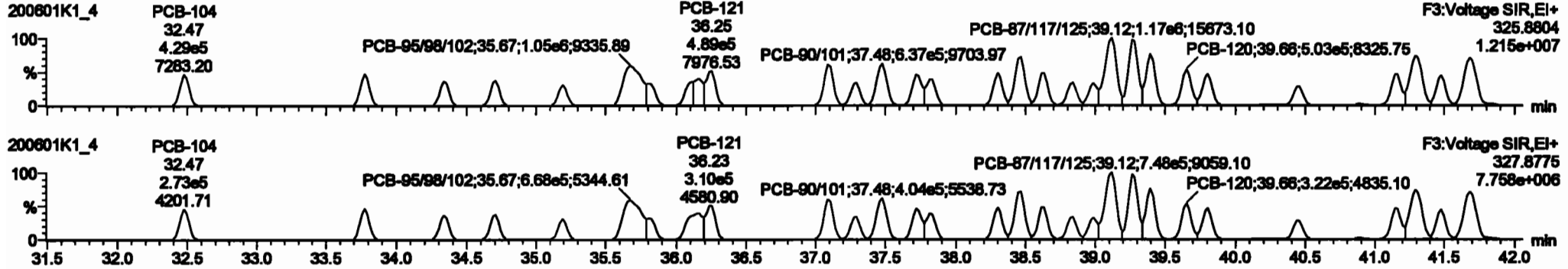
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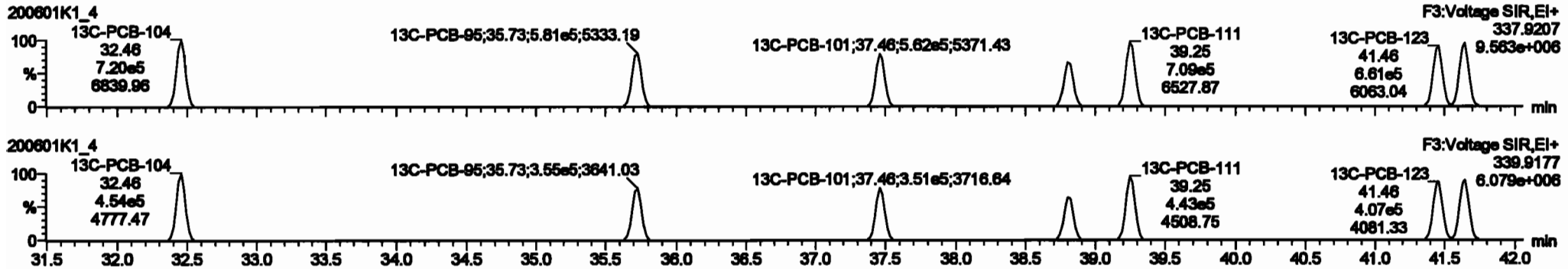
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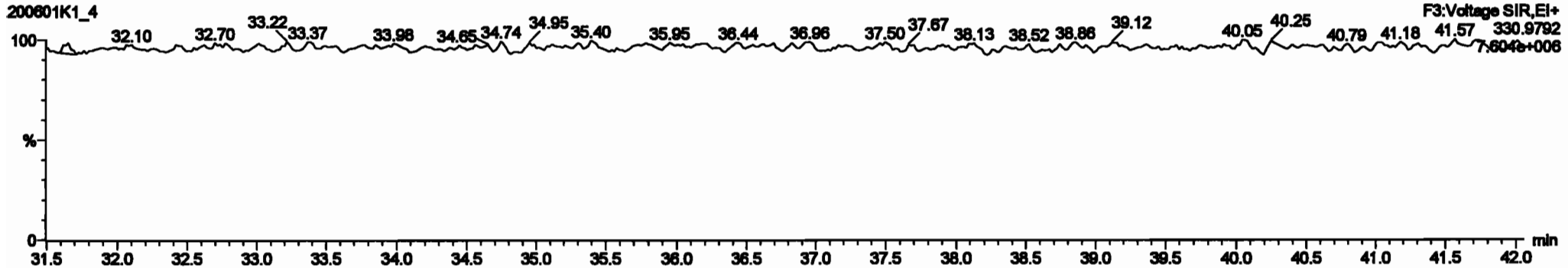
**PCB-104**



**13C-PCB-104**



**PFK3b**



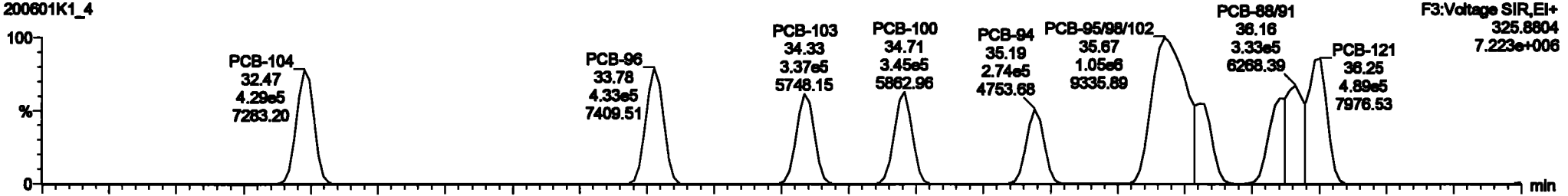
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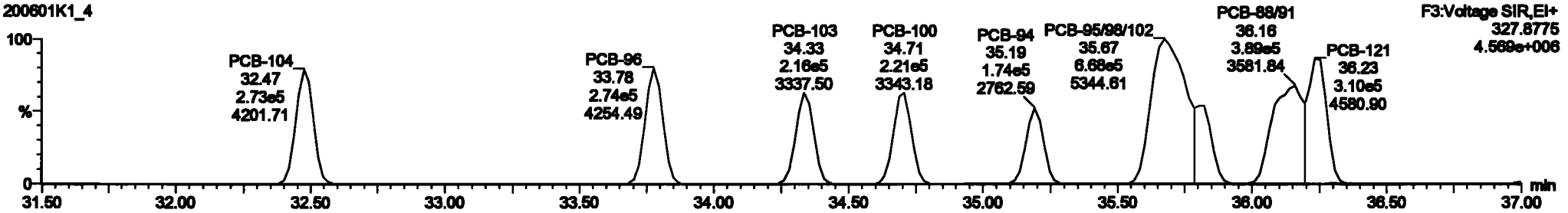
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PCB-96

200601K1\_4



200601K1\_4

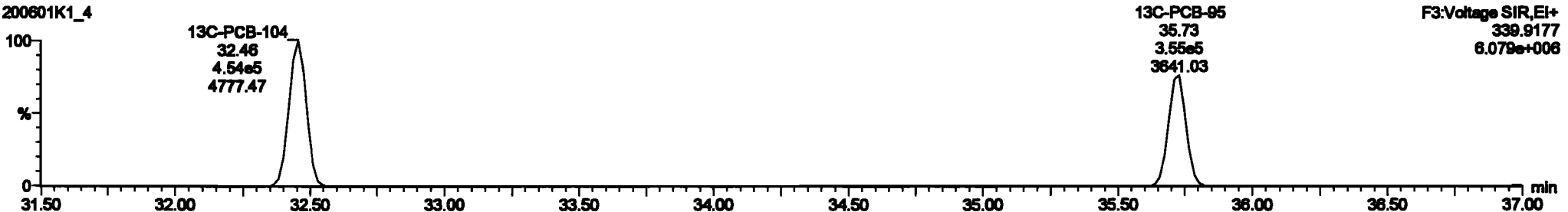


13C-PCB-95

200601K1\_4

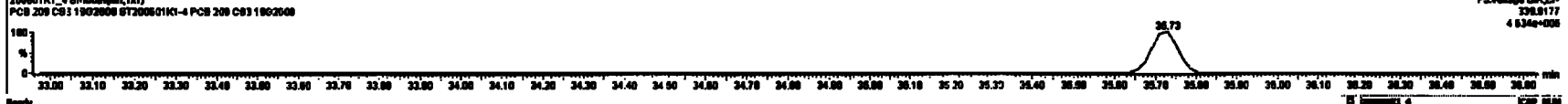
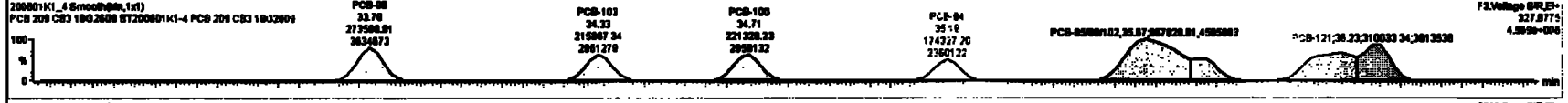
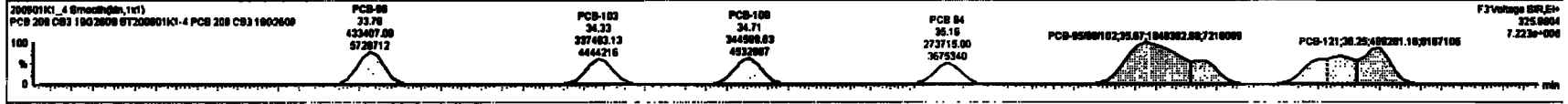


200601K1\_4



#	Category	Wgt	Vol	Qty	WPC	Vol/W	Prod/WT	RT	Prod/R	WPC	WPC/Pct	Comp	Value	CU	WPC
224	Total Micro-PCBs				1.000	1.000	0.00		0.000	NO	100.1	0.0242	100.1		
225	Total BL-PCBs				1.000	1.000	0.00		0.000	NO	018.4	0.200	018.4		
226	Total Para-PCBs				1.000	1.000	0.00		0.000	NO	412.0	0.000	412.0		
227	Total Para-PCBs				0.000	1.000	0.00		0.000	NO	018.1	0.000	018.1		
228	Total Para-PCBs				1.000	1.000	0.00		0.000	NO	2171	0.000	2171		
229	Total Para-PCBs				1.000	1.000	0.00		0.000	NO	1.00	0.000	1.00		
230	4th Para-PCBs				1.000	1.000	0.00		0.000	NO	201.1	0.140	201.1		
231	3rd Para-PCBs				0.000	1.000	0.00		0.000	NO	007.0	0.100	007.0		
232	4th Para-PCBs				1.000	1.000	0.00		0.000	NO	1401	1.00	1401		
233	Total Para-PCBs				1.000	1.000	0.00		0.000	NO	1200	1.20	1200		
234	4th Para-PCBs				1.000	1.000	0.00		0.000	NO	446.1	0.302	446.1		
235	4th Para-PCBs				1.000	1.000	0.00		0.000	NO	104.1	0.200	104.1		

PCB	Wgt	Vol	Qty	WPC	Vol/W	Prod/WT	RT	Prod/R	WPC	WPC/Pct	Comp	Value
04 PCB-104	32.47	32.47	4.200e6	2.720e6	1.000	1.07	NO	03.204	03.204			325.004
05 PCB-05	33.70	33.70	4.200e6	2.720e6	1.000	1.00	NO	02.100	02.100			7.223e-008
06 PCB-103	34.23	34.23	3.200e6	2.100e6	1.000	1.00	NO	03.200	03.200			327.0775
07 PCB-109	35.00	35.00	3.200e6	2.100e6	1.000	1.00	NO	03.000	03.000			4.000e-008
08 PCB-04	35.20	35.20	2.700e6	1.700e6	1.000	1.07	NO	03.000	03.000			
09 PCB-05000102	35.00	35.00	1.000e6	0.600e6	1.000	1.07	NO	103.20	103.20			
70 PCB-03	35.01	35.01	2.000e6	1.700e6	1.000	1.00	NO	03.202	03.202			
71 PCB-0000	35.10	35.10	0.000e6	0.000e6	1.000	1.00	NO	100.02	100.02			
72 PCB-121	35.20	35.20	4.000e6	3.000e6	1.000	1.00	NO	40.000	40.000			



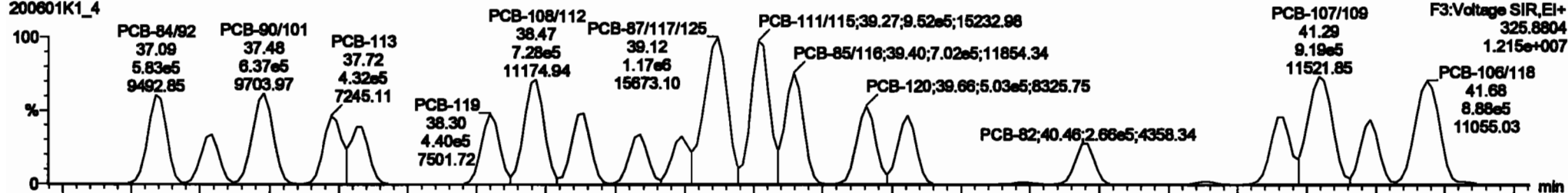
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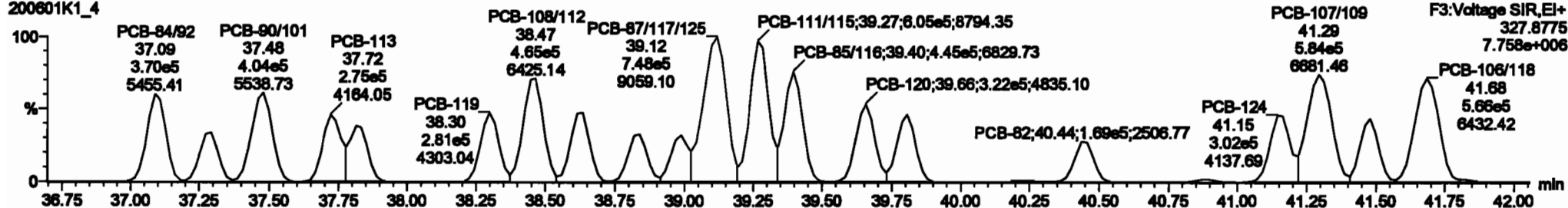
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PCB-119

200601K1\_4

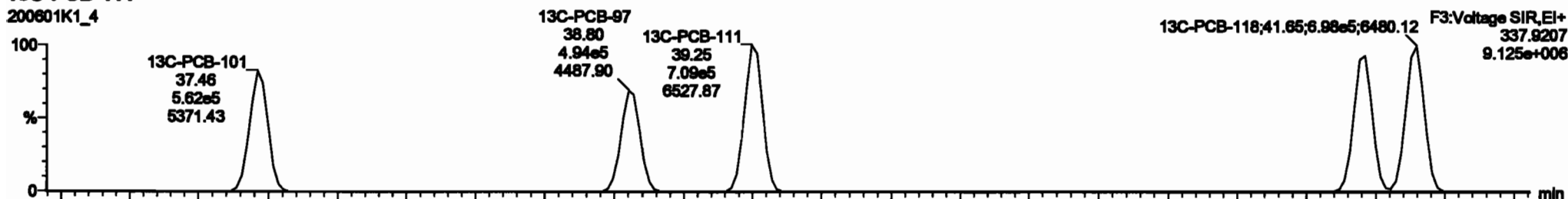


200601K1\_4

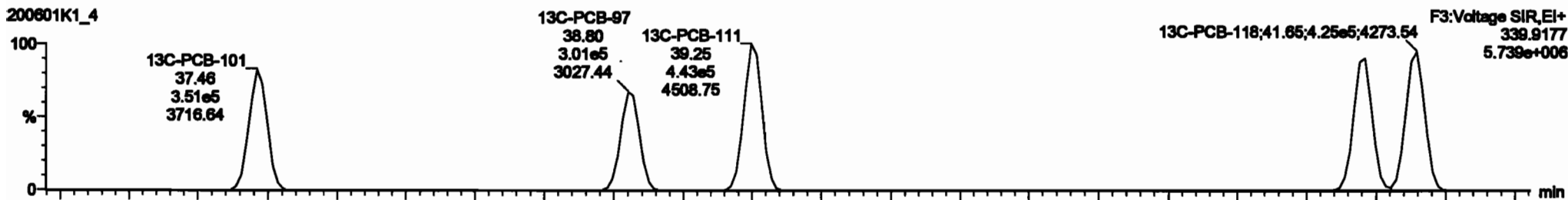


13C-PCB-111

200601K1\_4



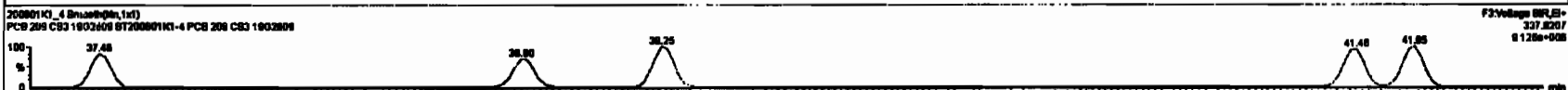
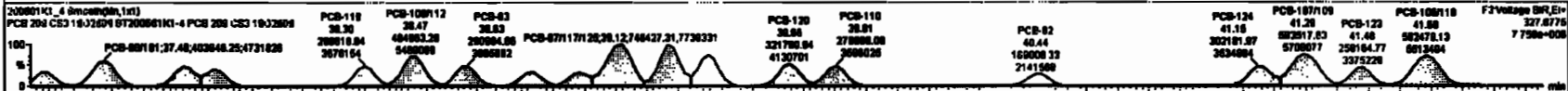
200601K1\_4





#	Name	Range	RA	dy	RF	width	PeakOff	RF	PreProc	RF	RFI Pat	Class	Units	SL	SPFC
234	Total Mono-PCBs		1.1888	1.000	0.00	0.000			NO	188.1			0.0000	188.1	
235	Total Di-PCBs		1.0007	1.000	0.00	0.000			NO	018.4			0.200	018.4	
236	2nd Function TM-PCBs		1.0007	1.000	0.00	0.000			NO	012.0			0.0070	012.0	
237	2nd Function TM-PCBs		0.0000	1.000	0.00	0.000			NO	016.1			0.271	016.1	
238	Total Tera-PCBs		1.0776	1.000	0.00	0.000			NO	2171			0.047	2171	
239	4th Function Para-PCBs		1.0776	1.000	0.00	0.000			NO	208			0.000	208	
240	4th Function Para-PCBs		0.0000	1.000	0.00	0.000			NO	007.0			0.100	007.0	
241	4th Function Para-PCBs		1.0010	1.000	0.00	0.000			NO	1401			1.00	1401	
242	Total Hecto-PCBs		1.0001	1.000	0.00	0.000			NO	1200			1.20	1200	
243	4th Function Cate-PCBs		1.0000	1.000	0.00	0.000			NO	446.1			0.200	446.1	
244	4th Function Cate-PCBs		1.1498	1.000	0.00	0.000			NO	104.1			0.200	104.1	

#	Name	PreProc	RF	off Range	off Range	1 <sup>st</sup> Peak (Peak)	RA	dy	SPFC	Class
64	PCB-110	32.47	32.47	4.20e+0	2.72e+0	1.200	1.07	NO	63.224	63.224
65	PCB-43	38.76	38.76	4.20e+0	2.72e+0	1.200	1.00	NO	62.110	62.110
66	PCB-109	34.23	34.23	3.37e+0	2.18e+0	1.200	1.00	NO	60.280	60.280
67	PCB-103	34.00	34.71	3.44e+0	2.21e+0	1.200	1.00	NO	60.010	60.010
68	PCB-01	35.21	35.10	2.72e+0	1.74e+0	1.200	1.07	NO	60.400	60.400
69	PCB-6666662	35.00	35.07	1.84e+0	0.67e+0	1.200	1.07	NO	162.20	162.20
70	PCB-03	36.01	36.01	2.50e+0	1.74e+0	1.200	1.00	NO	60.200	60.200
71	PCB-66661	36.10	36.10	0.07e+0	3.00e+0	1.200	1.00	NO	100.00	100.00
72	PCB-121	38.30	38.28	4.00e+0	3.10e+0	1.200	1.00	NO	40.000	40.000

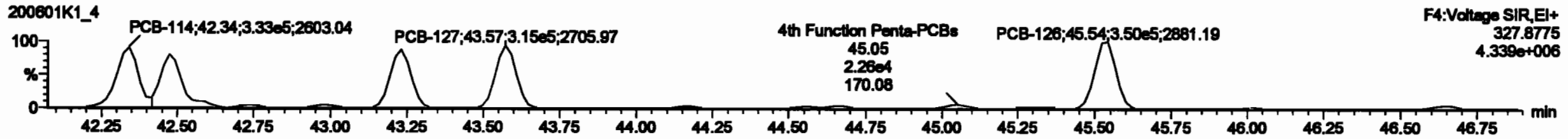
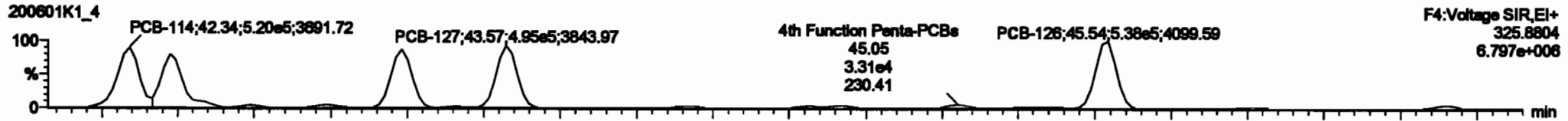


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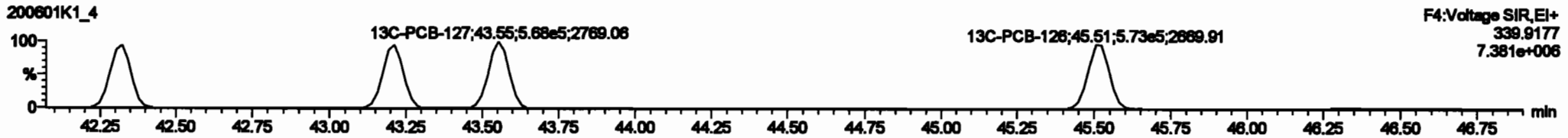
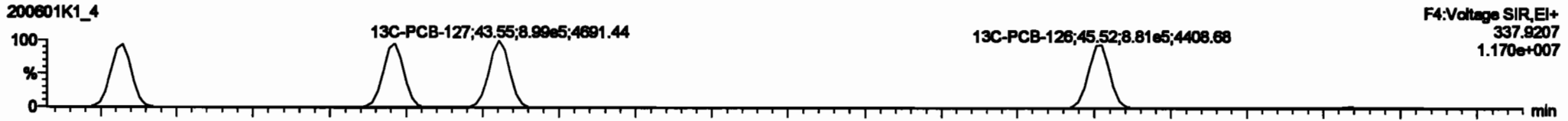
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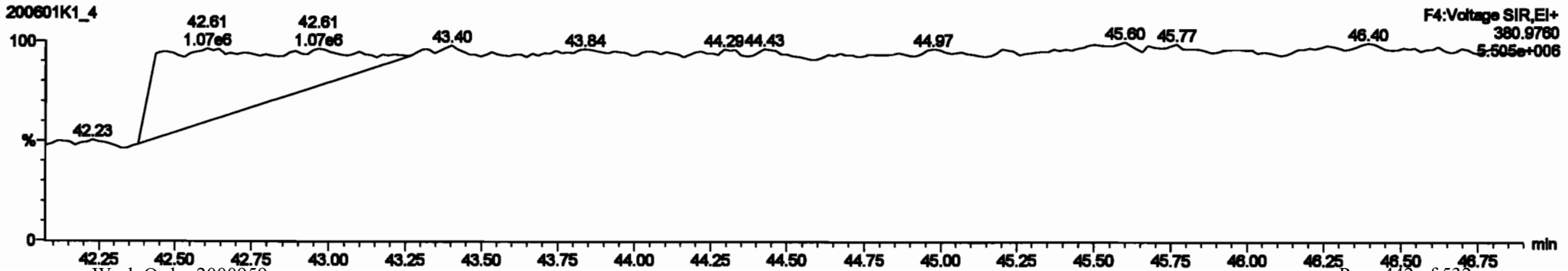
**PCB-114**



**13C-PCB-114**

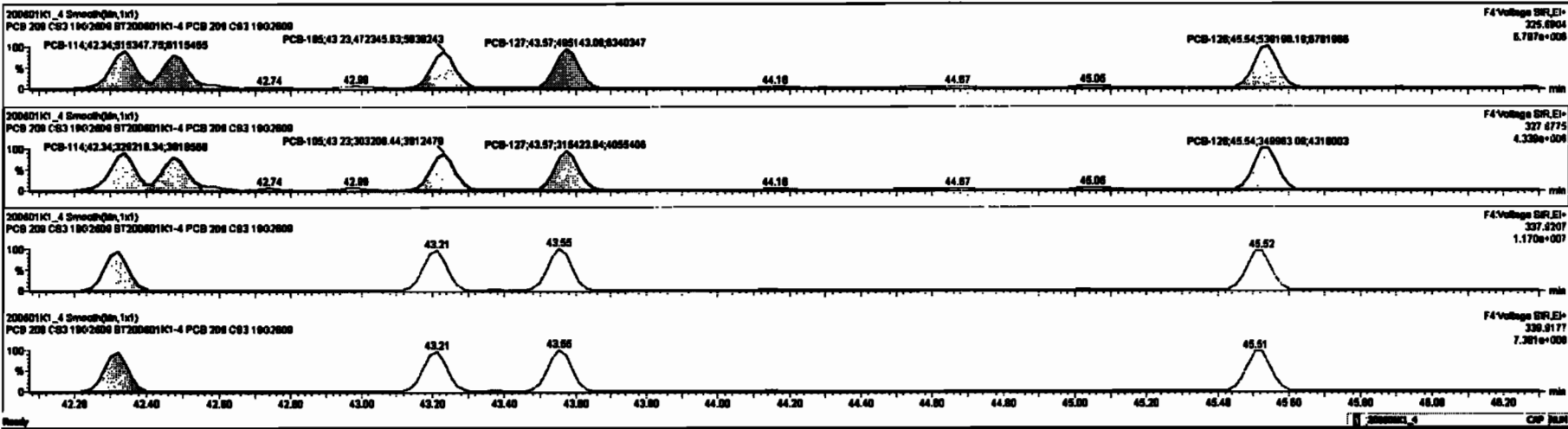


**PFK4a**



#	Name	Range	BA	Units	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row
224	Total Micro-PCBs				1.1885	1.000	0.00		0.000	NO	198.1		0.0042	198.1						
225	Total DL-PCBs				1.0837	1.000	0.00		0.000	NO	818.4		0.269	818.4						
226	2nd Function Tri-PCBs				1.2607	1.000	0.00		0.000	NO	412.5		0.0070	412.5						
227	3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000	NO	818.1		0.371	818.1						
228	Total Tetra-PCBs				1.5778	1.000	0.00		0.000	NO	2171		0.843	2171						
229	2nd Function Tetra-PCBs				1.3157	1.000	0.00		0.000	NO	2168		0.823	2168						
230	3rd Function Tetra-PCBs				1.0922	1.000	0.00		0.000	NO	204.2		0.488	204.2						
231	2nd Function Hexa-PCBs				0.8886	1.000	0.00		0.000	NO	397.0		0.188	397.0						
232	3rd Function Hexa-PCBs				1.0918	1.000	0.00		0.000	NO	1481		1.55	1481						
233	Total Hepta-PCBs				1.3891	1.000	0.00		0.000	NO	1280		1.28	1280						
234	3rd Function Octa-PCBs				1.0028	1.000	0.00		0.000	NO	445.1		0.322	445.1						
235	4th Function Octa-PCBs				1.1488	1.000	0.00		0.000	NO	184.1		0.260	184.1						

#	Name	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row	RPV	col/row
83	PCB-114	42.34	42.34	6.182e5	3.382e5	1.580	1.87	NO	82.841	82.841									
94	PCB-122	42.48	42.47	4.218e5	2.889e5	1.580	1.88	NO	82.105	82.105									
85	PCB-105	43.23	43.23	4.722e5	3.022e5	1.580	1.88	NO	82.880	82.880									
88	PCB-127	43.87	43.87	4.881e5	3.184e5	1.580	1.87	NO	82.188	82.188									
87	PCB-128	45.84	45.84	6.382e5	3.900e5	1.580	1.84	NO	82.138	82.138									



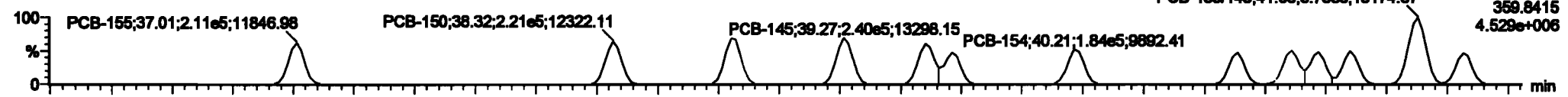
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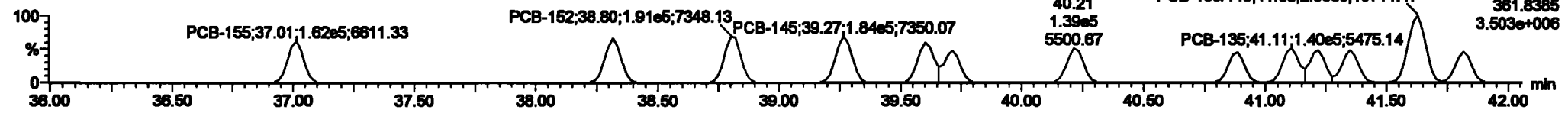
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**PCB-155**

200601K1\_4

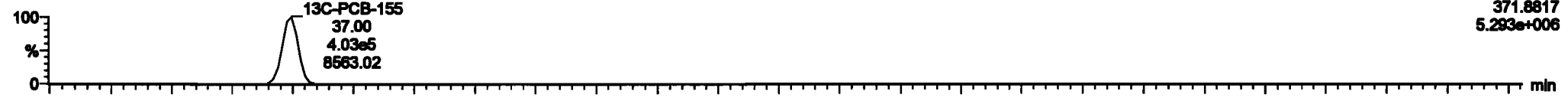


200601K1\_4

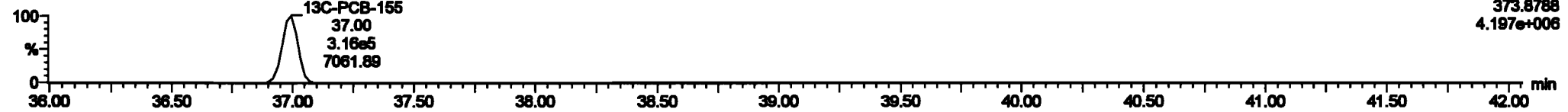


**13C-PCB-155**

200601K1\_4

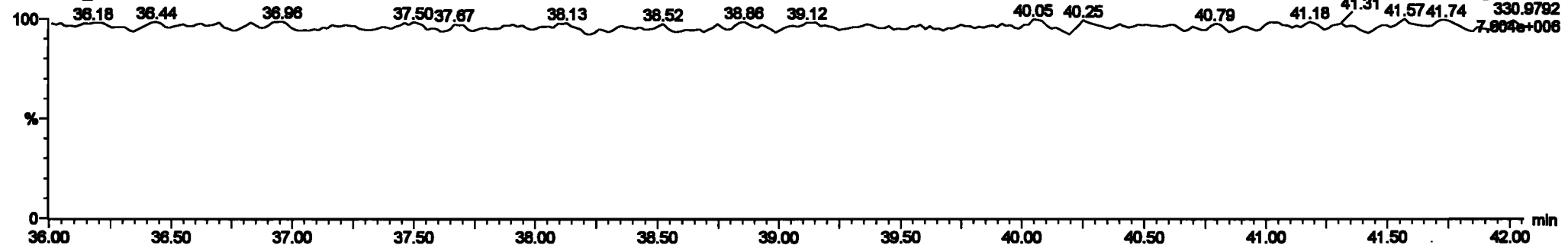


200601K1\_4



**PFK3c**

200601K1\_4

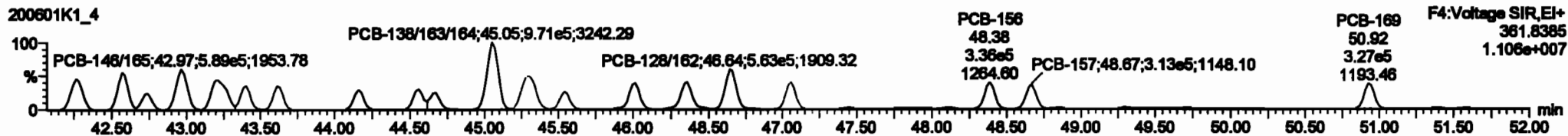
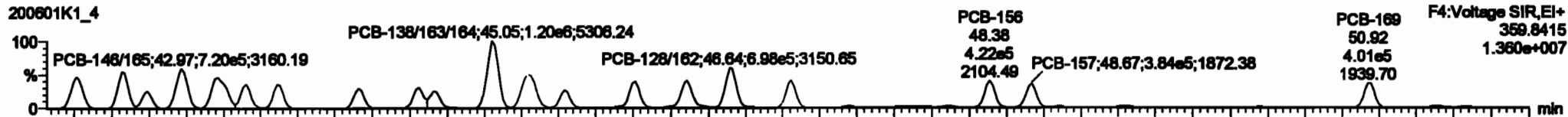


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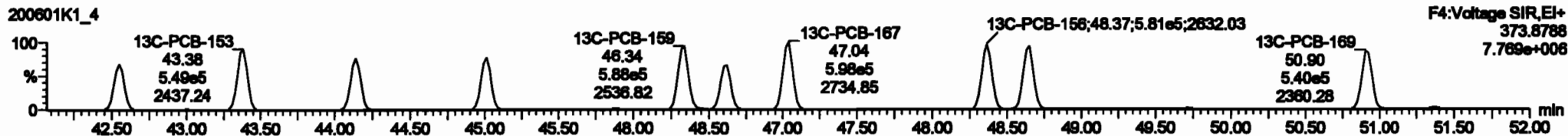
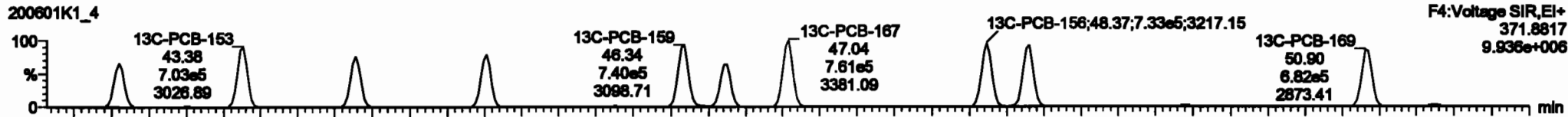
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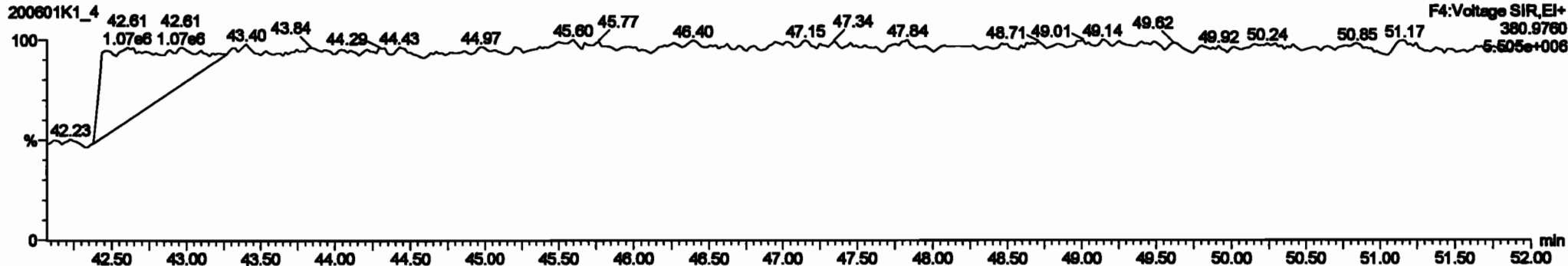
PCB-134/143



13C-PCB-153

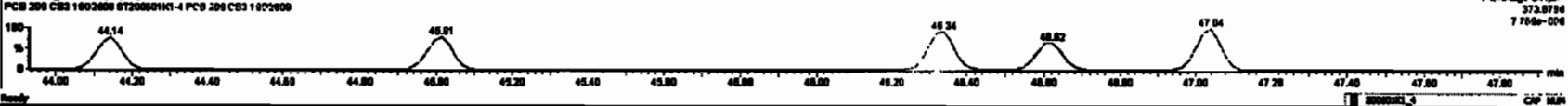
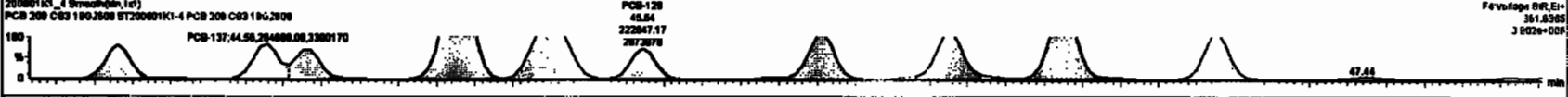
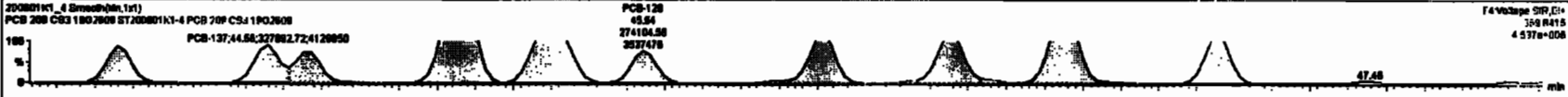


PFK4b



#	Sample	Range	RA	dy	SRP	col/col	Pres/RT	RT	Pres/RT	SRP	SRP/Pres	Comp.	SRP/Pres	DL	SRP/Pres
226	224 Total Mono-PCBs				1.1888	1.000	0.00	0.000	0.000	ND	188.1	0.0043	188.1		
227	224 Total Di-PCBs				1.0837	1.000	0.00	0.000	0.000	ND	818.4	0.280	818.4		
228	224 Total Tri-PCBs				1.0807	1.000	0.00	0.000	0.000	ND	412.6	0.0070	412.6		
229	227 Total Tetra-PCBs				0.8838	1.000	0.00	0.000	0.000	ND	818.1	0.371	818.1		
230	228 Total Penta-PCBs				1.0778	1.000	0.00	0.000	0.000	ND	2171	0.843	2171		
231	229 Total Hexa-PCBs				1.2167	1.000	0.00	0.000	0.000	ND	2168	0.836	2168		
232	230 Total Hepta-PCBs				1.0728	1.000	0.00	0.000	0.000	ND	281.1	0.182	281.1		
233	231 Total Octa-PCBs				0.8888	1.000	0.00	0.000	0.000	ND	887.0	0.188	887.0		
234	232 Total Non-PCBs				1.0518	1.000	0.00	0.000	0.000	ND	1.28	1.28	1.28		
235	233 Total Phthal-PCBs				1.2891	1.000	0.00	0.000	0.000	ND	1.28	1.28	1.28		
236	234 Total Phthal-PCBs				1.2288	1.000	0.00	0.000	0.000	ND	448.1	0.322	448.1		
237	235 Total Phthal-PCBs				1.1488	1.000	0.00	0.000	0.000	ND	184.1	0.281	184.1		

#	Sample	Pres/RT	RT	col/col	col/col	SRP/Pres	RA	dy	SRP	Comp.
1	111 PCB-126/43	43.28	43.28	6.80e+6	6.80e+6	1.240	1.24	ND	108.84	108.84
2	112 PCB-131/38	43.88	43.87	6.80e+6	4.87e+6	1.240	1.22	ND	108.33	108.33
3	113 PCB-142	43.74	43.74	2.80e+6	2.13e+6	1.240	1.24	ND	83.770	83.770
4	114 PCB-148/38	43.88	43.87	7.20e+6	4.68e+6	1.240	1.22	ND	103.87	103.87
5	115 PCB-152/38	43.22	43.21	7.20e+6	6.88e+6	1.240	1.24	ND	102.88	102.88
6	116 PCB-153	43.68	43.68	3.88e+6	3.10e+6	1.240	1.28	ND	82.913	82.913
7	117 PCB-168	43.82	43.81	3.81e+6	3.87e+6	1.240	1.24	ND	81.888	81.888
8	118 PCB-141	44.58	44.58	3.08e+6	2.48e+6	1.240	1.24	ND	81.888	81.888
9	119 PCB-137	44.88	44.88	3.27e+6	3.94e+6	1.240	1.24	ND	81.888	81.888

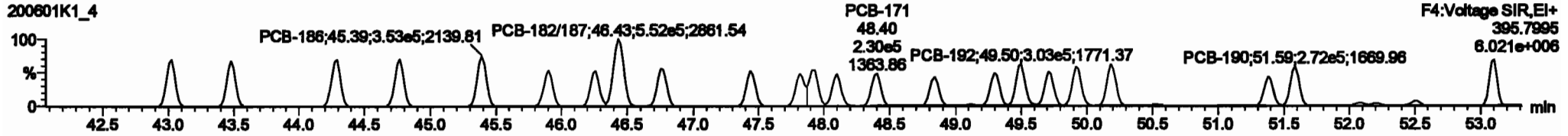
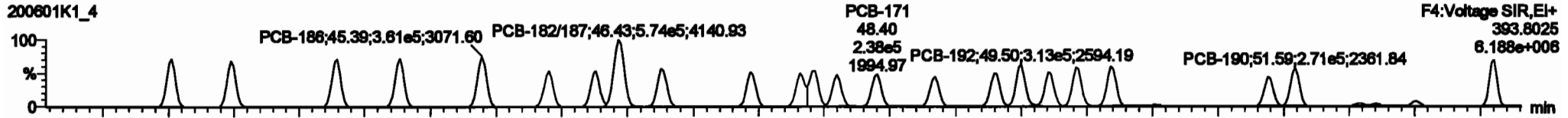


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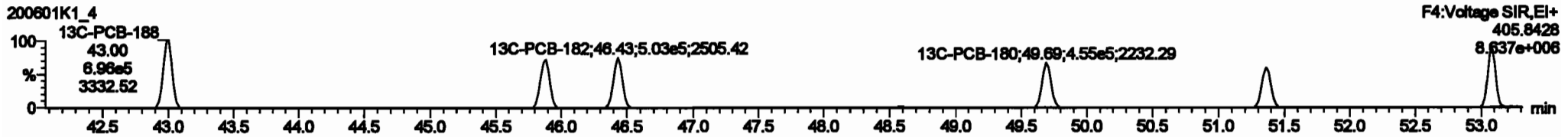
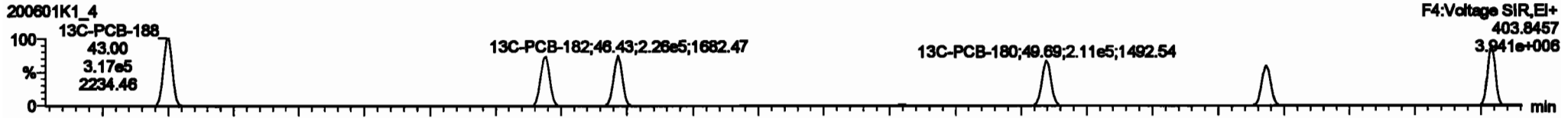
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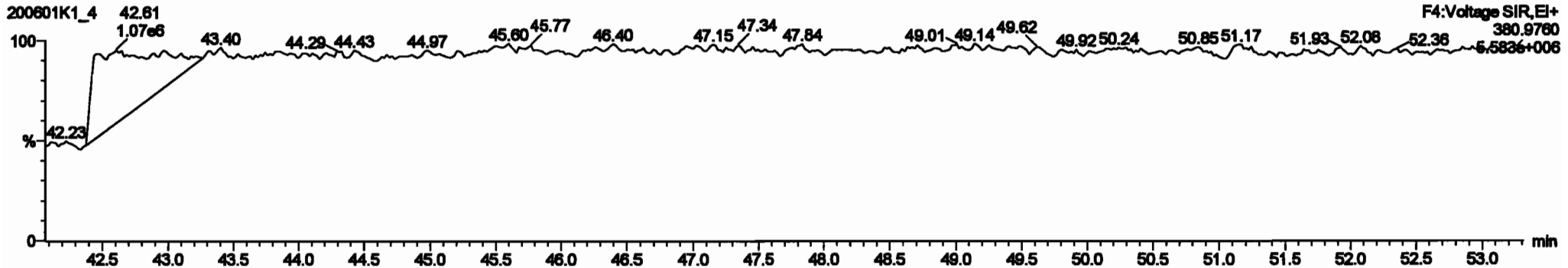
**PCB-188**



**13C-PCB-188**



**PFK4c**



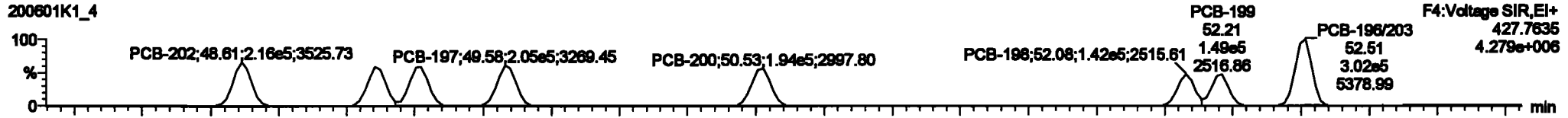
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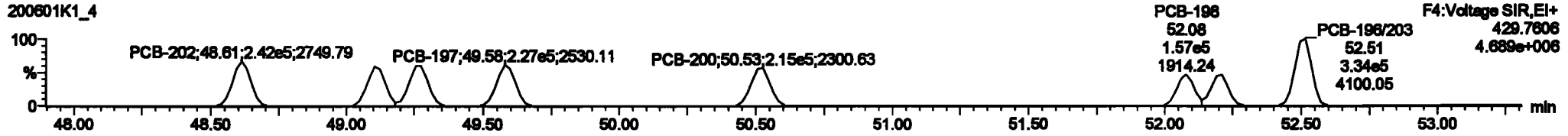
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PCB-202

200601K1\_4

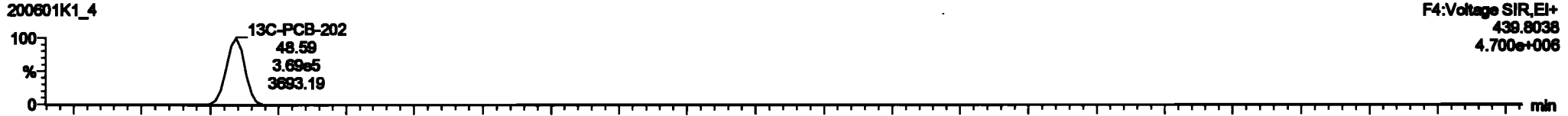


200601K1\_4

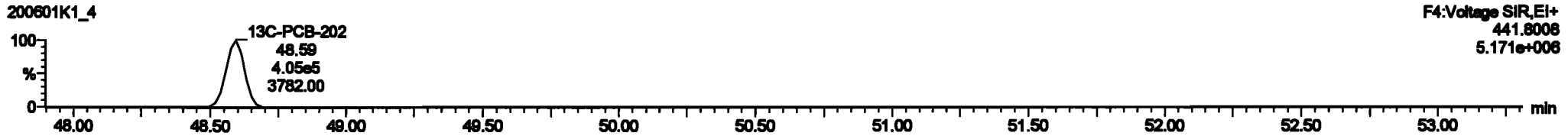


13C-PCB-202

200601K1\_4

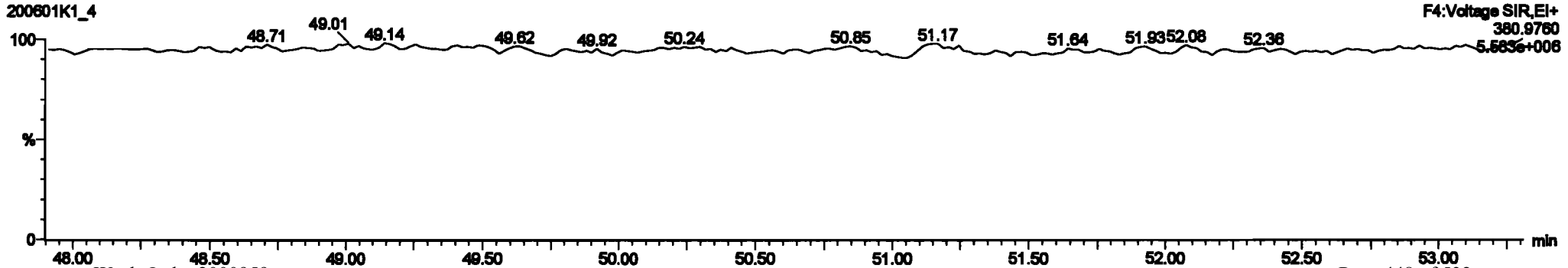


200601K1\_4



PFK4d

200601K1\_4





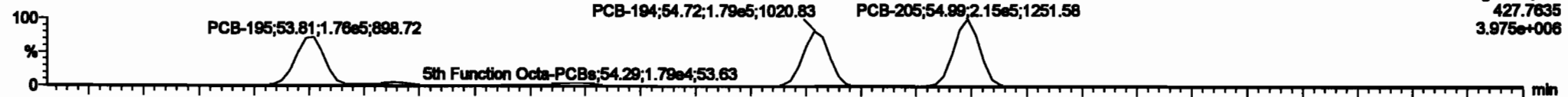
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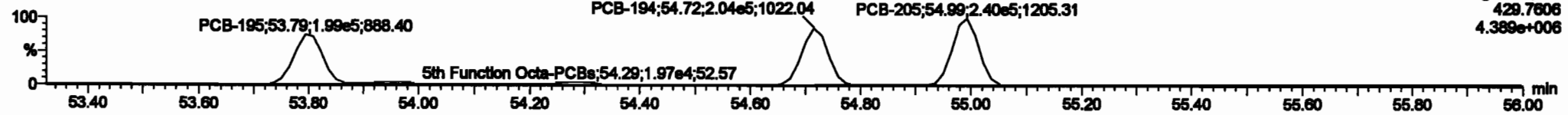
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**PCB-195**

200601K1\_4

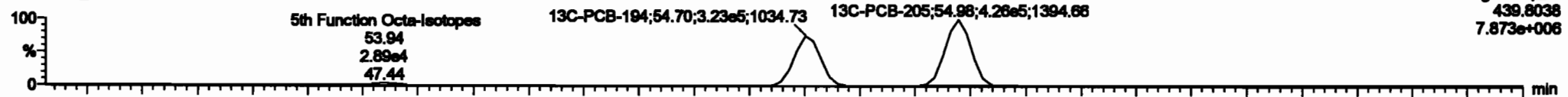


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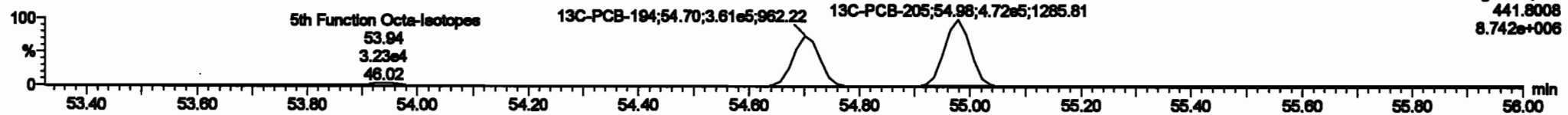


**13C-PCB-194**

200601K1\_4

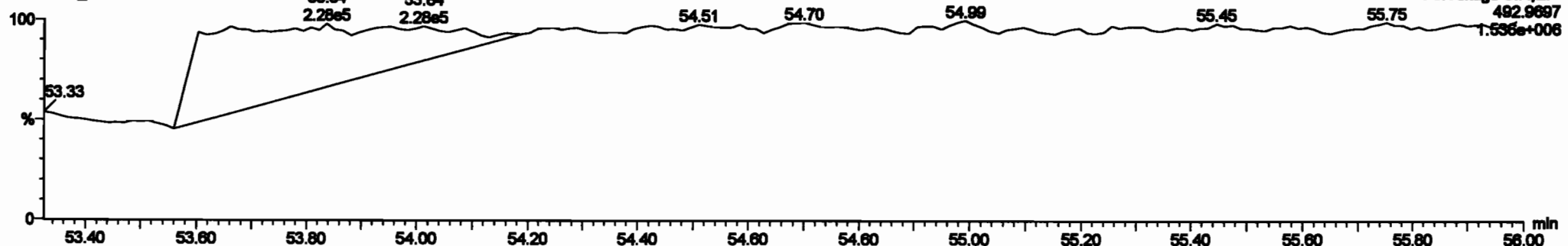


200601K1\_4



**PFK5a**

200601K1\_4



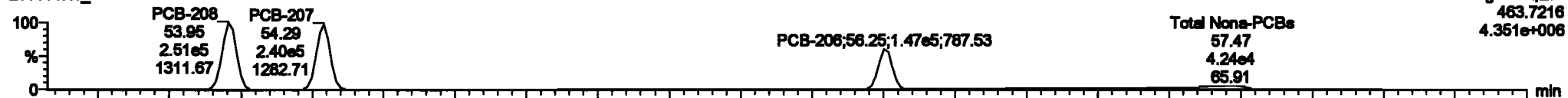
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

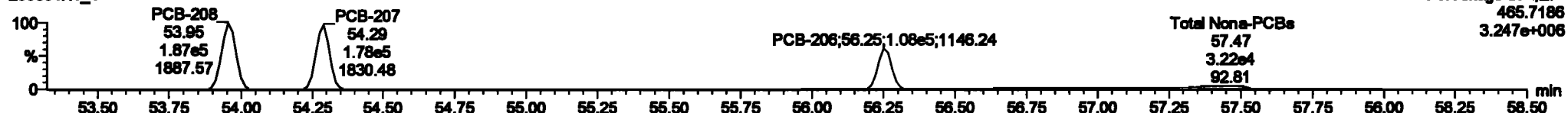
**PCB-208**

200601K1\_4



F5:Voltage SIR,EI+  
 463.7216  
 4.351e+006

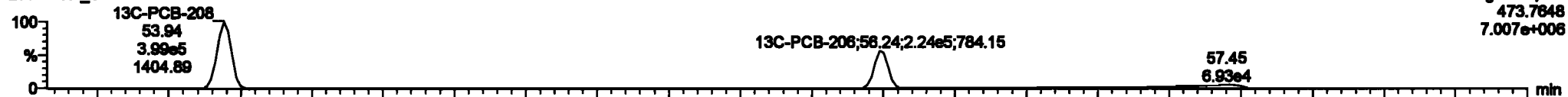
200601K1\_4



F5:Voltage SIR,EI+  
 465.7186  
 3.247e+006

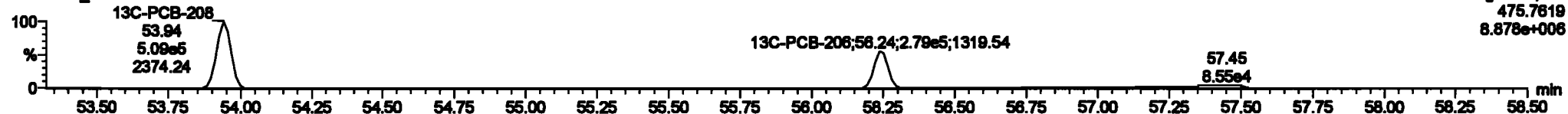
**13C-PCB-208**

200601K1\_4



F5:Voltage SIR,EI+  
 473.7648  
 7.007e+006

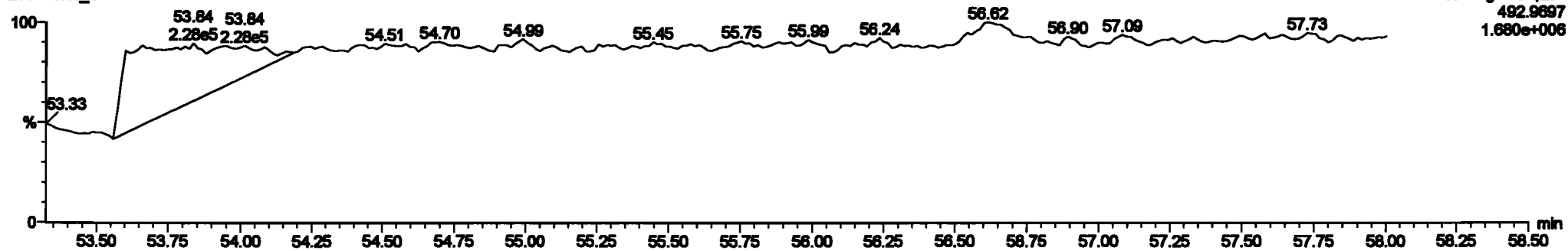
200601K1\_4



F5:Voltage SIR,EI+  
 475.7619  
 8.878e+006

**PFK5**

200601K1\_4



F5:Voltage SIR,EI+  
 492.9697  
 1.690e+006

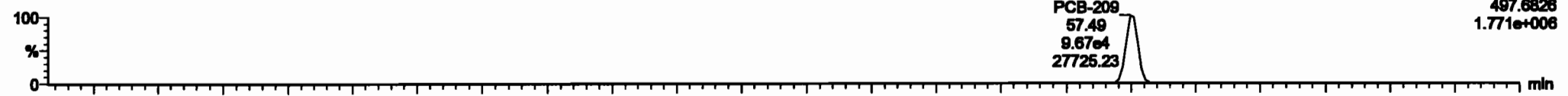
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

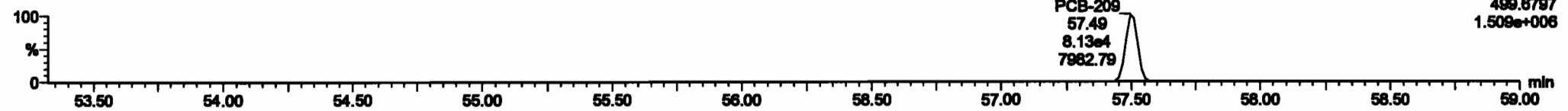
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**PCB-209**

200601K1\_4



200601K1\_4

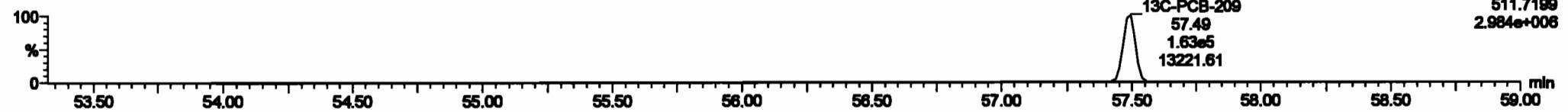


**13C-PCB-209**

200601K1\_4

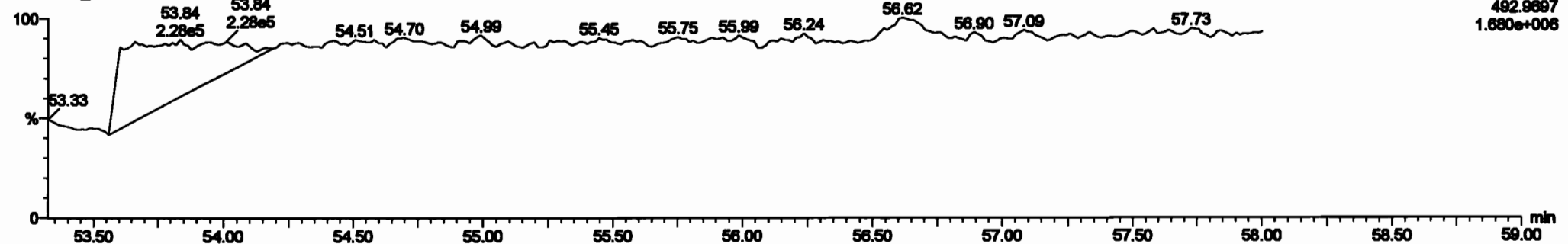


200601K1\_4



**PFK5b**

200601K1\_4



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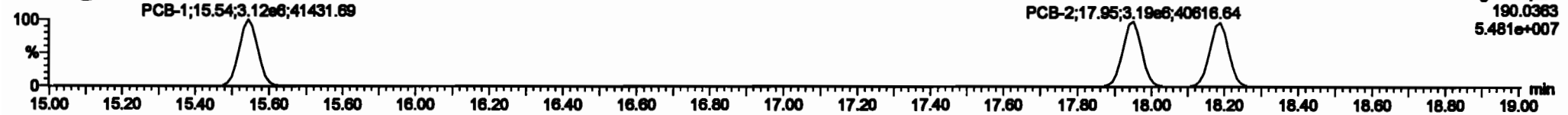
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PCB-1

200601K1\_5



200601K1\_5

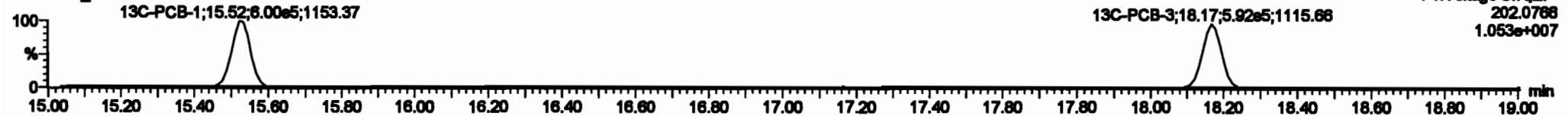


13C-PCB-1

200601K1\_5

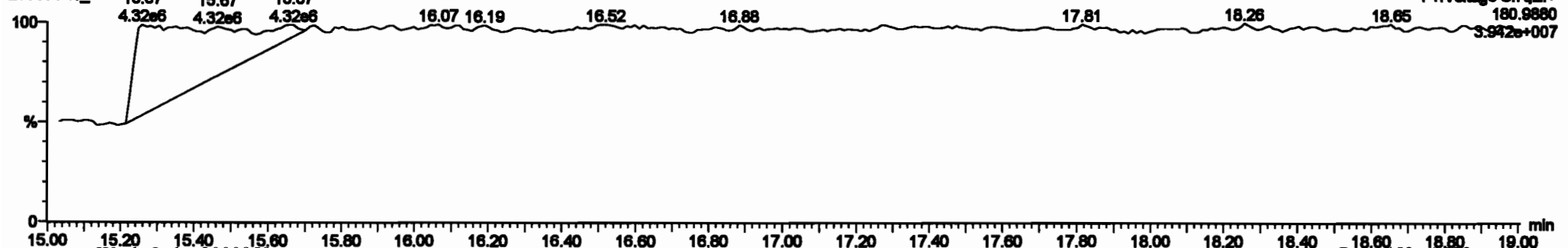


200601K1\_5



PFK1

200601K1\_5

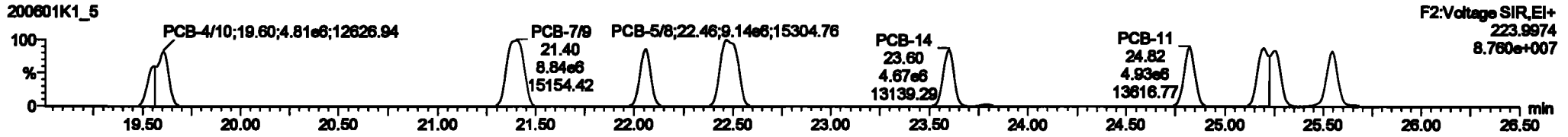
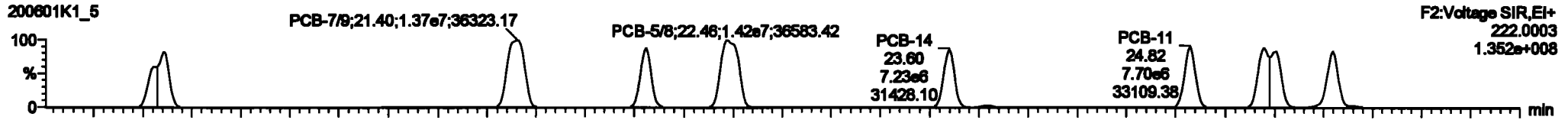


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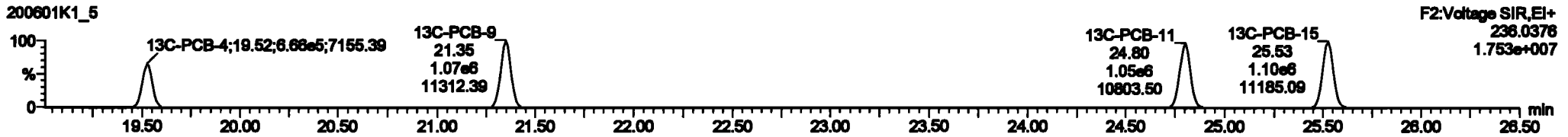
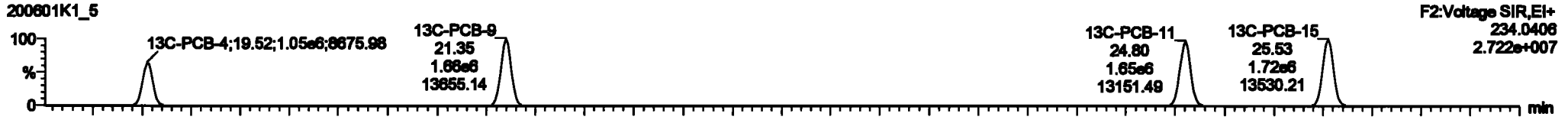
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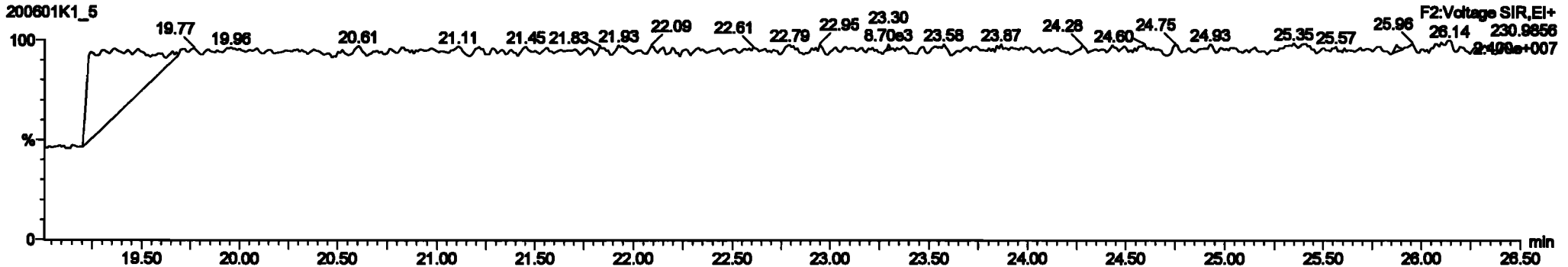
PCB-4/10



13C-PCB-4

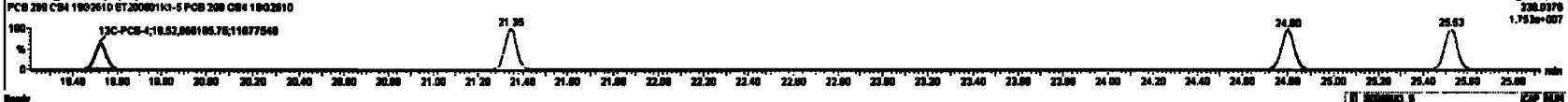
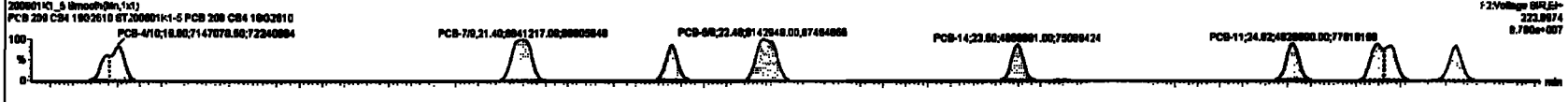
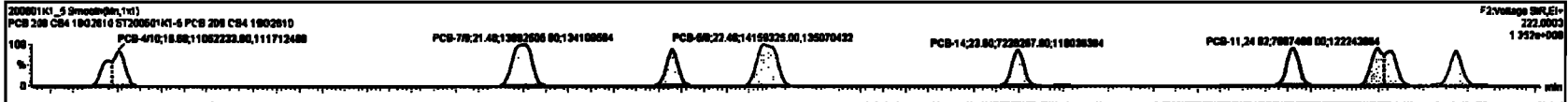


PFK2a



#	Name	Step	Vol	Qty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty
220	13C-PCB-78	1.0000	0.78	NO	1.0000	1.000	27.70	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
221	13C-PCB-178	7.0000	0.44	NO	1.0000	1.000	45.87	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
222	1st Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
223	2nd Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
224	3rd Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
225	4th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
226	5th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
227	6th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
228	7th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
229	8th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
230	9th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
231	10th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
232	11th Function PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000
233	Total Heads PCBs				1.0000	1.000	0.00	0.000	0.000	NO	0.000	0.000	0.000	NO	0.000	0.000	0.000	0.000	0.000

#	Name	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty	RF	RFVol	RFQty
4	PCB-4A0	19.00	19.00	1.0000	7.5400	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
5	PCB-7A0	21.41	21.40	1.0000	0.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
6	PCB-8	22.00	22.00	7.0000	4.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
7	PCB-8A	22.00	22.00	1.0000	0.5400	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
8	PCB-4A	23.01	23.00	7.0000	4.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
9	PCB-4A	24.00	24.00	7.0000	4.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
10	PCB-12A0	26.20	26.20	1.0000	0.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00
11	PCB-1B	26.07	26.00	7.0000	4.0000	1.000	1.00	NO	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00

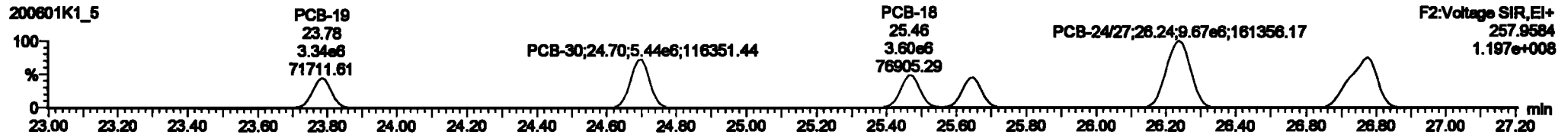


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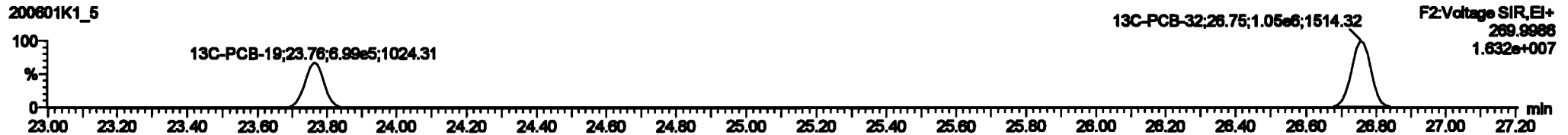
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

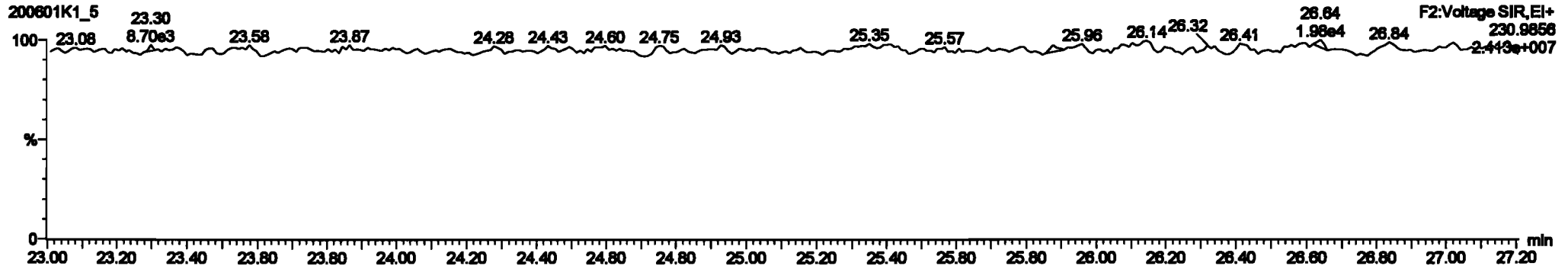
PCB-19



13C-PCB-19



PFK2b

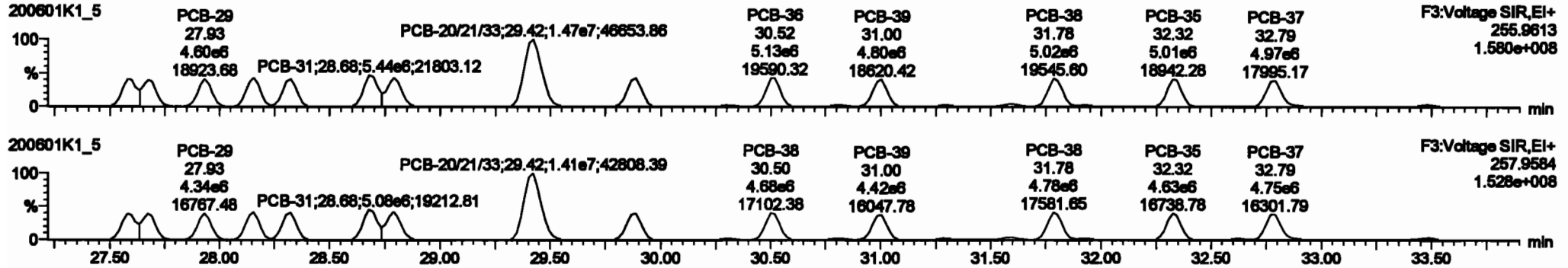


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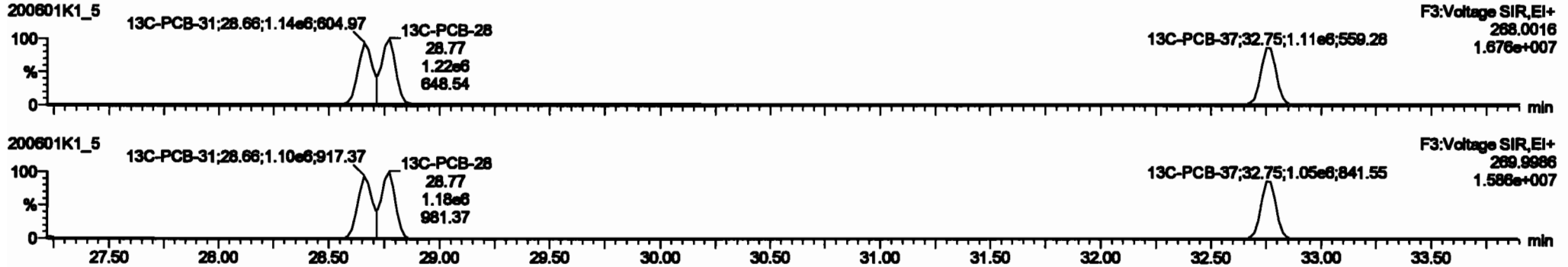
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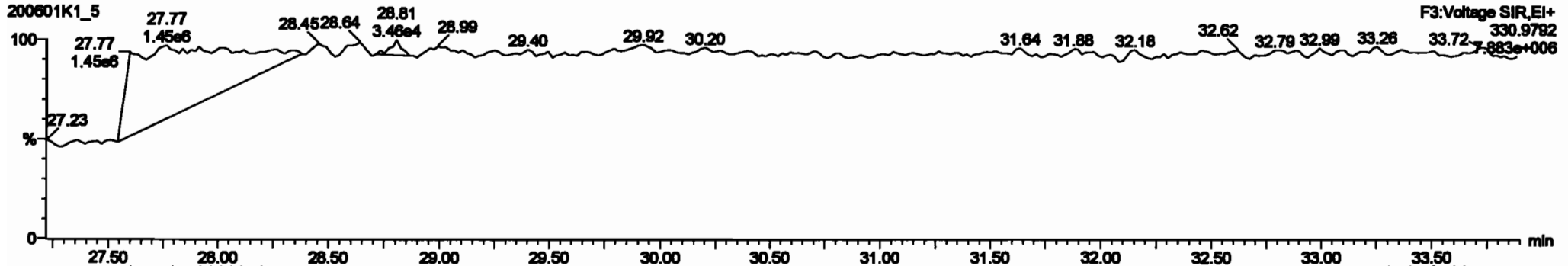
**PCB-34**



**13C-PCB-28**



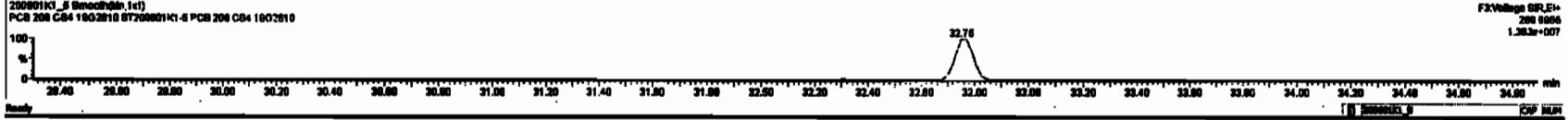
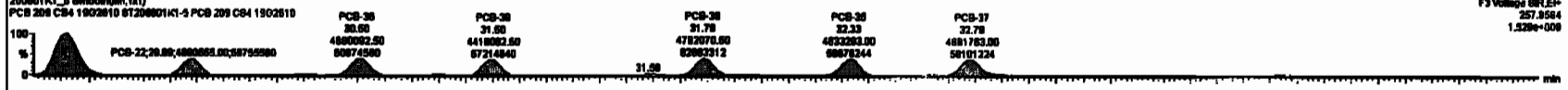
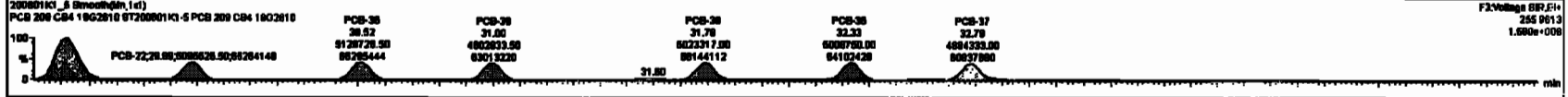
**PFK3d**





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
220	13C-PCB-178	7.89e6	0.61	NO	1.0000	1.000	48.87	48.88	0.000
224	Total Mono-PCBs				1.1095	1.000	0.00	0.000	NO
226	Total Di-PCBs				1.0027	1.000	0.00	0.000	NO
228	Total Tri-PCBs				1.0007	1.000	0.00	0.000	NO
228	Total Tetra-PCBs				1.0770	1.000	0.00	0.000	NO
228	Total Penta-PCBs				1.0167	1.000	0.00	0.000	NO
230	4th-Function Penta-PCBs				1.0726	1.000	0.00	0.000	NO
230	3rd-Function Hexa-PCBs				0.0000	1.000	0.00	0.000	NO
232	4th-Function Hexa-PCBs				1.0916	1.000	0.00	0.000	NO
232	Total Hepta-PCBs				1.0000	1.000	0.00	0.000	NO

Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height
27	PCB-24	27.00	27.00	4.00e6	4.20e6	1.000	1.00	NO	417.53
19	PCB-20	27.00	27.00	4.00e6	4.20e6	1.000	1.00	NO	416.77
20	PCB-20	27.00	27.00	4.00e6	4.20e6	1.000	1.00	NO	417.01
21	PCB-20	28.10	28.10	4.00e6	4.20e6	1.000	1.00	NO	420.78
22	PCB-20	28.31	28.32	4.70e6	4.81e6	1.000	1.04	NO	412.77
23	PCB-21	28.00	28.00	5.40e6	5.07e6	1.000	1.00	NO	420.07
24	PCB-20	28.70	28.70	5.30e6	5.00e6	1.000	1.00	NO	420.00
26	PCB-20(21)	28.43	28.43	1.47e7	1.48e7	1.000	1.00	NO	1276.0
28	PCB-22	28.07	28.08	6.00e6	4.80e6	1.000	1.00	NO	418.35

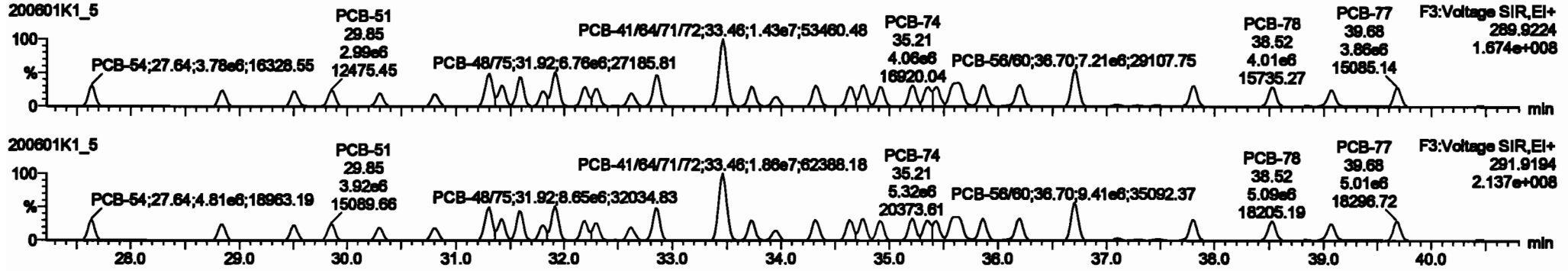


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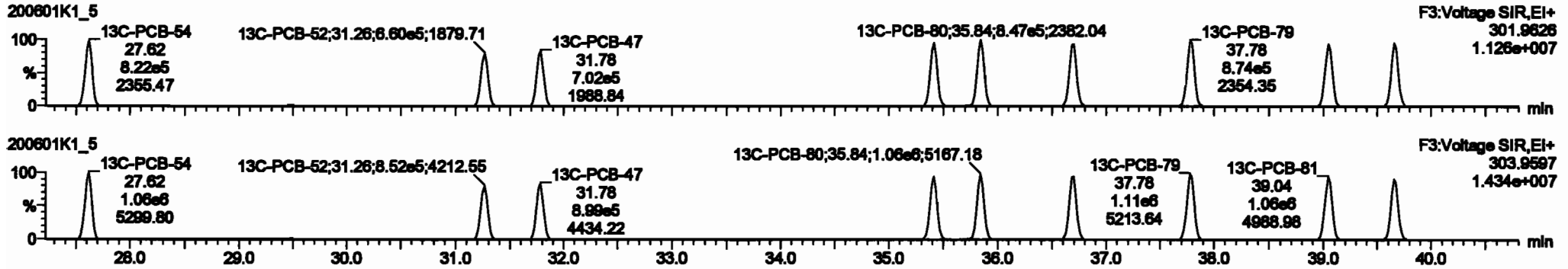
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

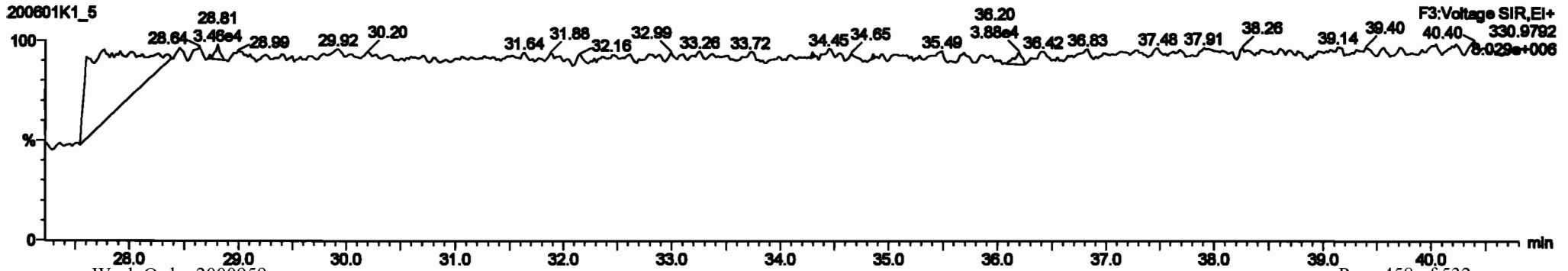
**PCB-54**



**13C-PCB-54**



**PFK3a**



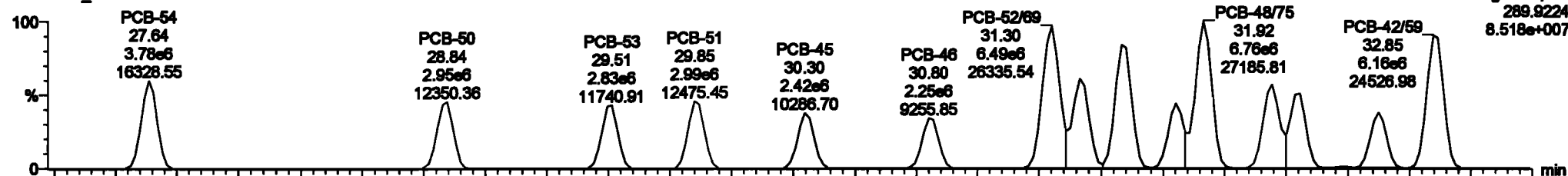
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

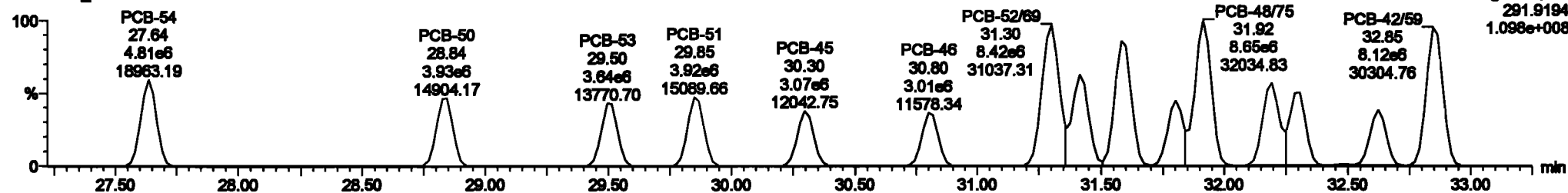
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PCB-50

200601K1\_5



200601K1\_5



13C-PCB-52

200601K1\_5



200601K1\_5

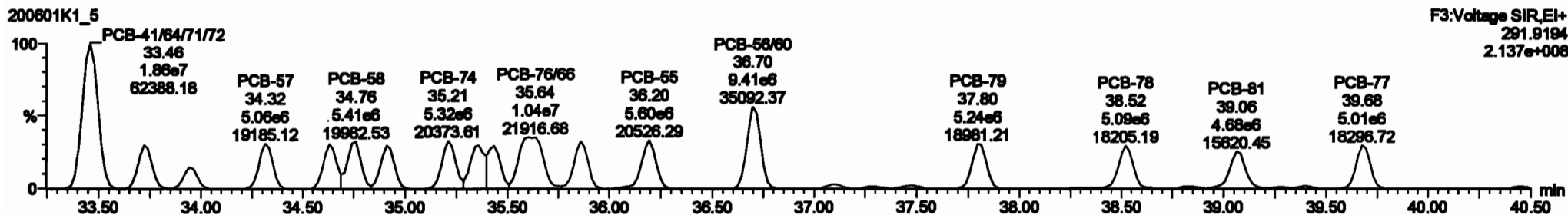
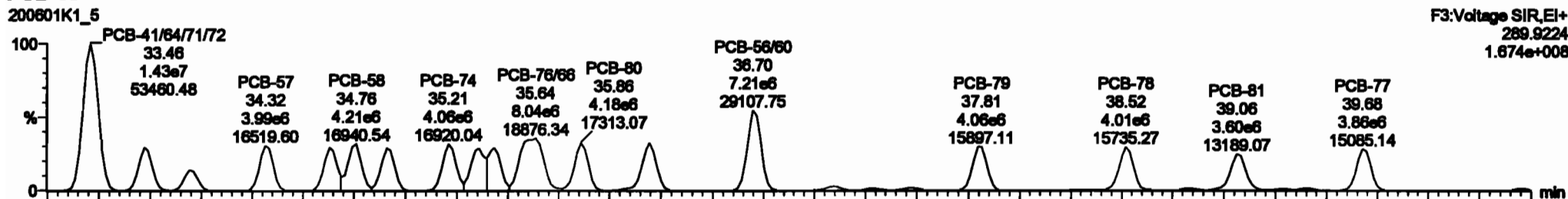


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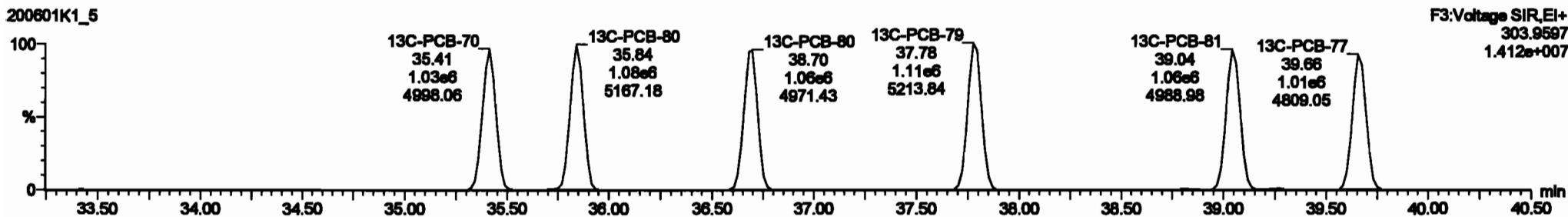
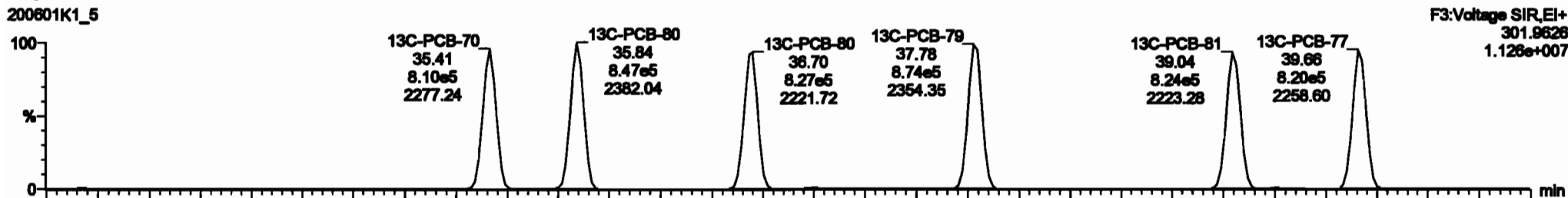
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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

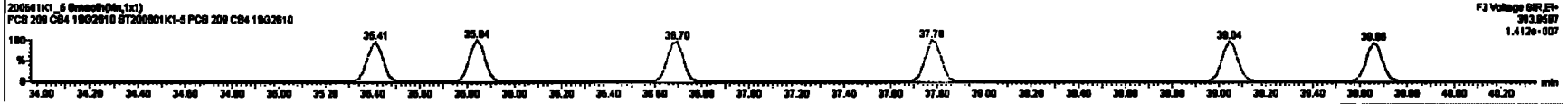
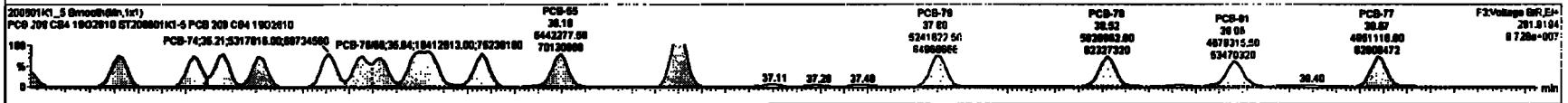
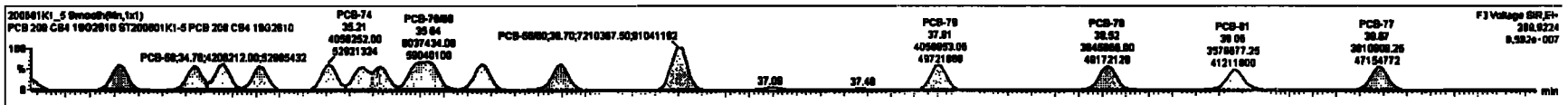


13C-PCB-60



#	Name	Range	Min	Max	FWHM	Peak	Area	Height	FWHM	Area	Height	FWHM	Area	Height	FWHM	Area	Height	FWHM	Area	Height
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	0.000	0.000	ND	87.16	87.2	0.112							
224	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	ND	1280		0.0081	1280						
225	Total Di-PCBs				1.0007	1.000	0.00	0.000	0.000	ND	9120		0.248	9120						
226	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.000	0.000	ND	3487		0.110	3487						
227	2nd Function Tetra-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	6774		0.000	6774						
228	2nd Function Penta-PCBs				1.0107	1.000	0.00	0.000	0.000	ND	17480		0.004	17480						
229	4th Function Penta-PCBs				1.0736	1.000	0.00	0.000	0.000	ND	2128		0.260	2128						
230	2nd Function Hexa-PCBs				0.0000	1.000	0.00	0.000	0.000	ND	8976		0.400	8976						
231	4th Function Hexa-PCBs				1.0010	1.000	0.00	0.000	0.000	ND	12140		2.87	12140						
232	Total Hexa-PCBs				1.0001	1.000	0.00	0.000	0.000	ND	9700		4.84	9700						

#	Name	Peak	Area	Height	FWHM	Area	Height	FWHM	Area	Height	FWHM	Area	Height	FWHM	Area	Height	FWHM	Area	Height
1	PCB-64	27.84	27.84	3.78e6	4.912e6	0.770	0.78	ND	422.48	422.48									
2	PCB-65	28.00	28.04	2.88e6	3.87e6	0.770	0.78	ND	416.31	416.30									
3	PCB-66	28.00	28.01	2.88e6	3.87e6	0.770	0.78	ND	420.24	420.24									
4	PCB-67	28.00	28.00	2.88e6	3.87e6	0.770	0.78	ND	420.80	420.80									
5	PCB-68	28.30	28.30	2.81e6	3.87e6	0.770	0.78	ND	423.10	423.10									
6	PCB-69	28.00	28.00	2.84e6	3.81e6	0.770	0.78	ND	416.07	416.07									
7	PCB-70	31.30	31.30	8.46e6	8.41e6	0.770	0.77	ND	846.12	846.12									
8	PCB-71	31.41	31.41	4.00e6	6.30e6	0.770	0.77	ND	431.80	431.80									
9	PCB-72	31.30	31.30	5.97e6	7.20e6	0.770	0.77	ND	630.10	630.10									

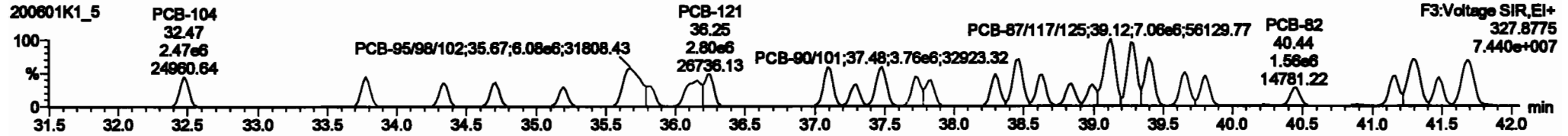
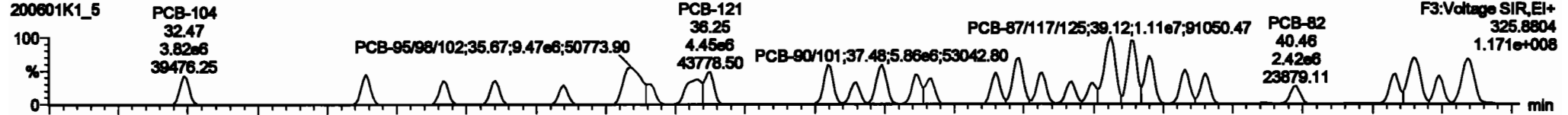


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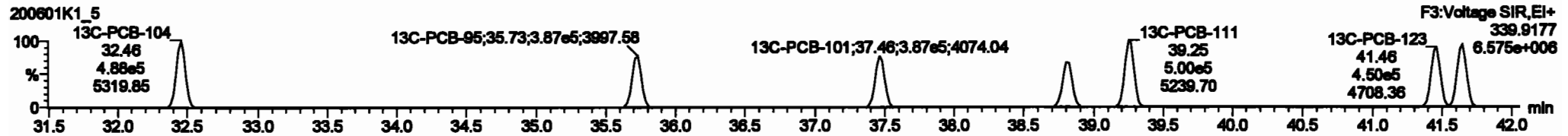
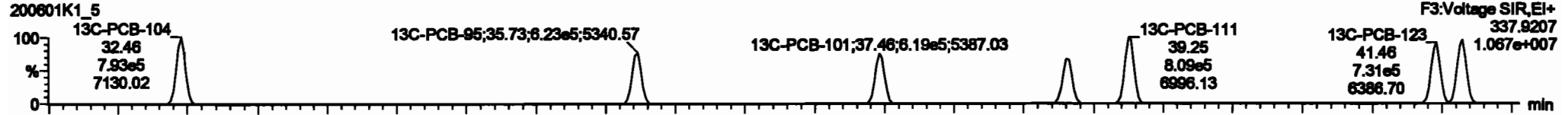
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

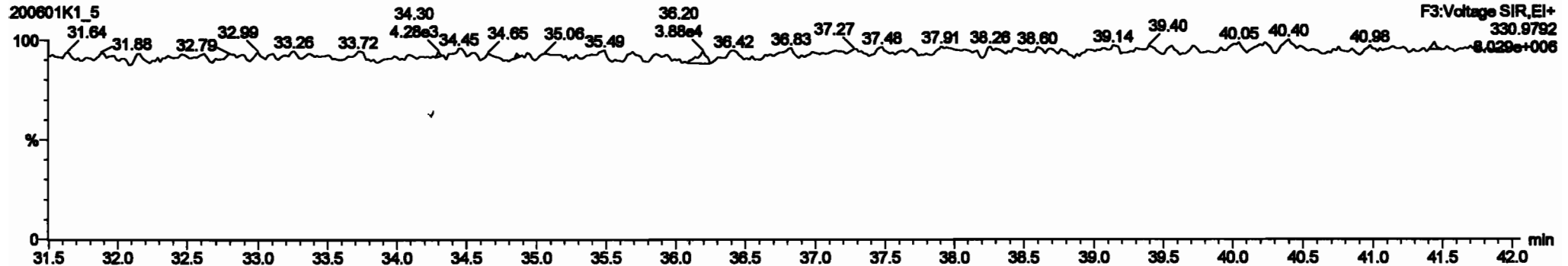
**PCB-104**



**13C-PCB-104**



**PFK3b**

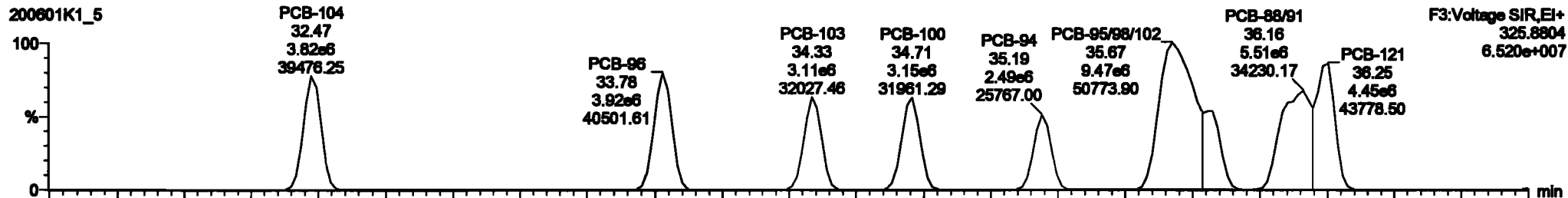


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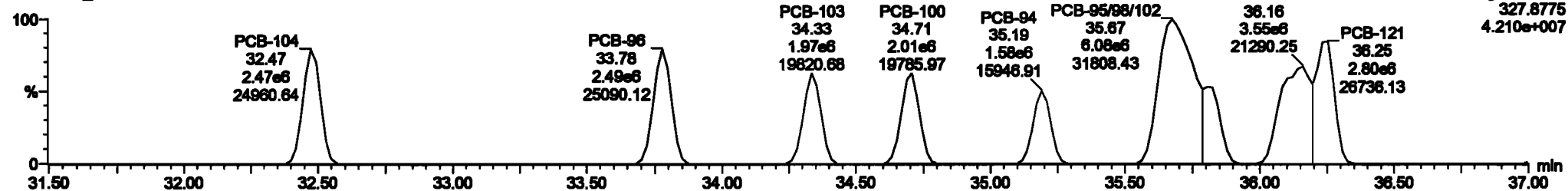
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Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

**PCB-96**



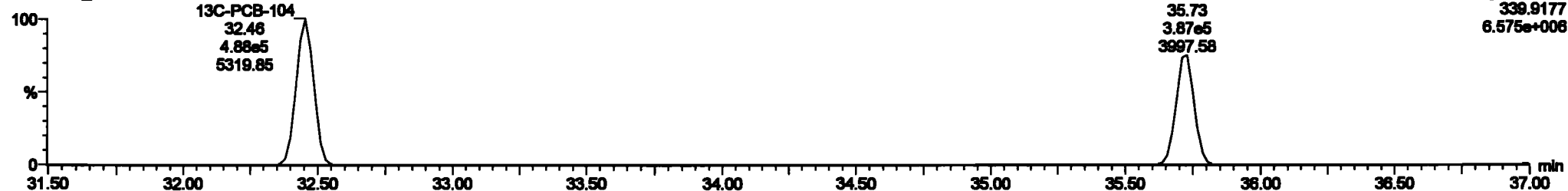
200601K1\_5



**13C-PCB-95**



200601K1\_5



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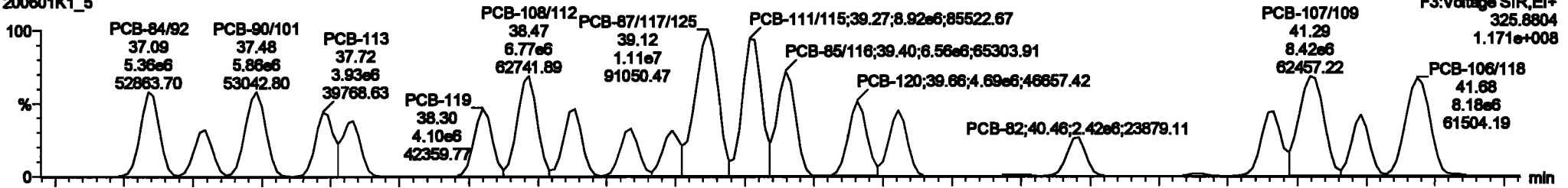
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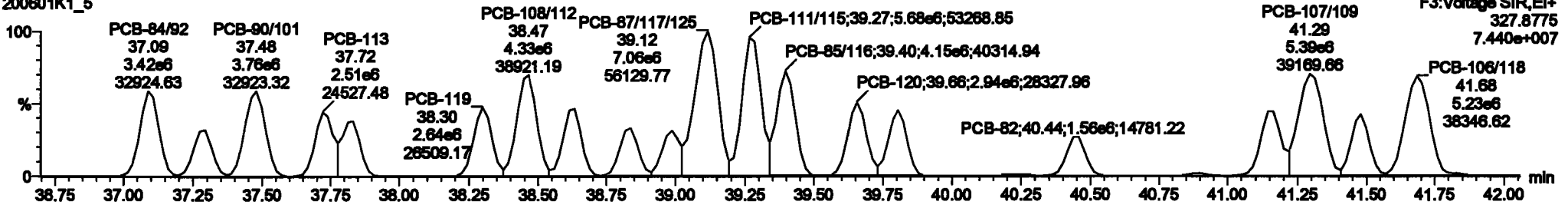
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PCB-119

200601K1\_5

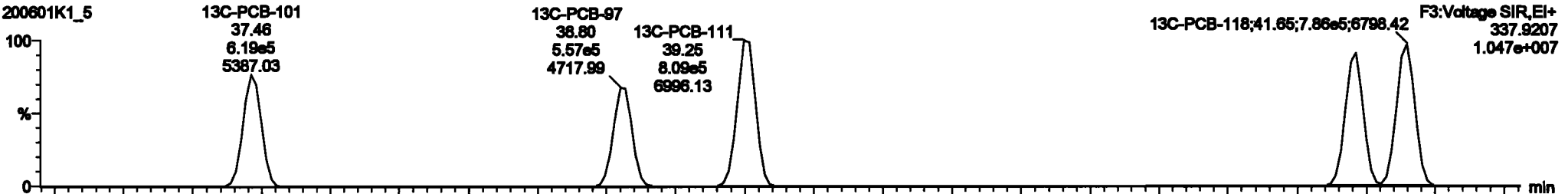


200601K1\_5

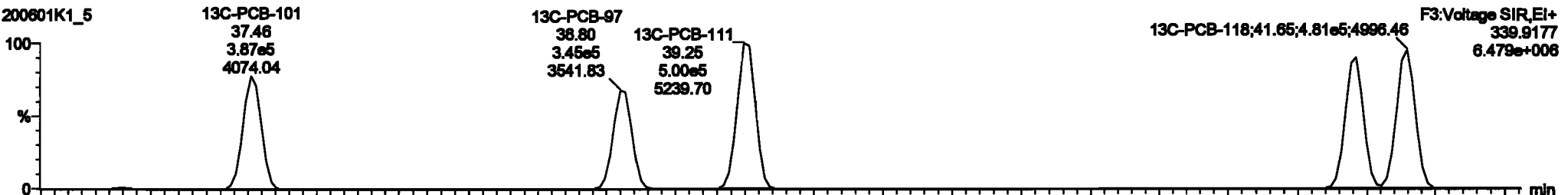


13C-PCB-111

200601K1\_5



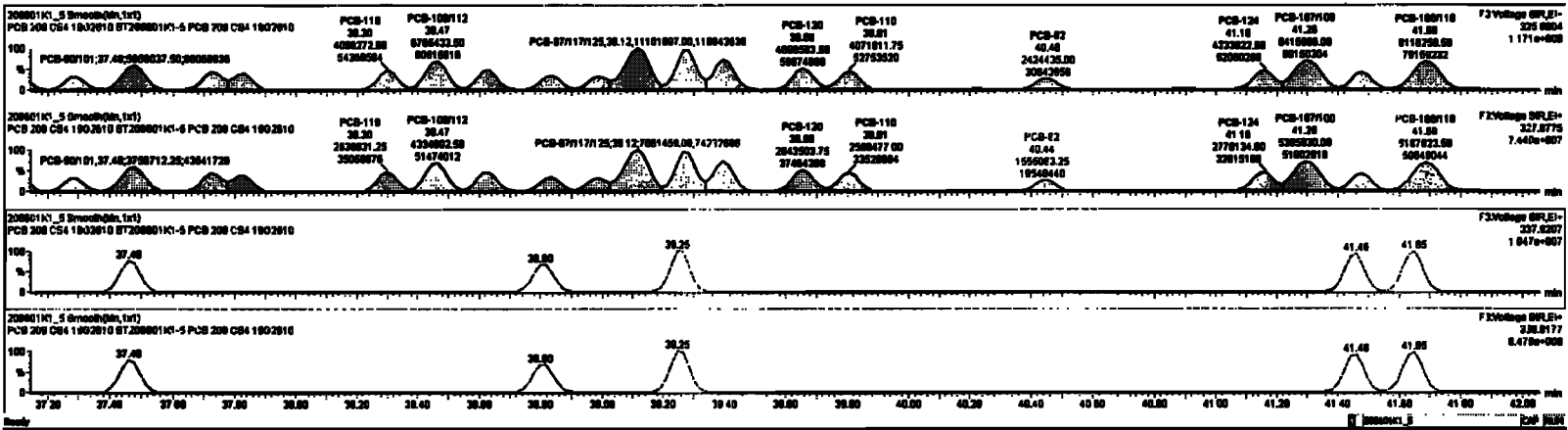
200601K1\_5





#	Channel	Frequency	Amplitude	Phase	SNR	Power	Gain	Offset	Scale	Units
220	15C-PCB-70	1.0000	0.70	80.0	1.0000	1.0000	0.0000	0.0000	NO	0.0000
221	15C-PCB-470	7.0000	0.04	NO	1.0000	1.0000	46.00	46.00	0.0000	0.0000
224	Test Micro-PCBs				1.0000	1.0000	0.0000	0.0000	NO	1.0000
226	Test DA-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
228	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	3.0000
229	Test Function 1A-PCBs				0.0000	1.0000	0.0000	0.0000	NO	0.0000
230	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
231	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
232	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
233	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
234	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
235	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
236	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
237	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
238	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
239	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
240	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
241	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
242	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
243	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
244	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
245	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
246	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
247	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
248	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
249	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000
250	Test Function 1A-PCBs				1.0000	1.0000	0.0000	0.0000	NO	0.0000

#	Channel	Frequency	Amplitude	Phase	SNR	Power	Gain	Offset	Scale	Units
0	PCB-118	30.47	32.07	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
1	PCB-120	38.00	38.70	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
2	PCB-110	38.00	38.00	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
3	PCB-118	30.47	30.47	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
4	PCB-110	38.00	38.71	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
5	PCB-118	30.47	30.47	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
6	PCB-110	38.00	38.00	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
7	PCB-118	30.47	30.47	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
8	PCB-110	38.00	38.00	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
9	PCB-118	30.47	30.47	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00
10	PCB-110	38.00	38.00	2.0000	2.0000	1.0000	1.00	NO	0.00	0.00

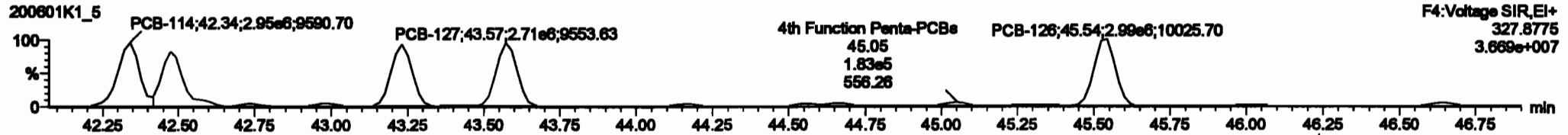
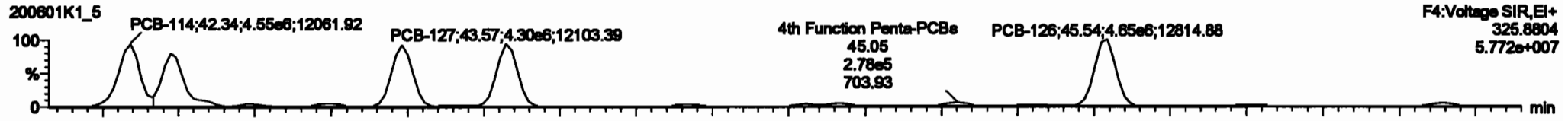


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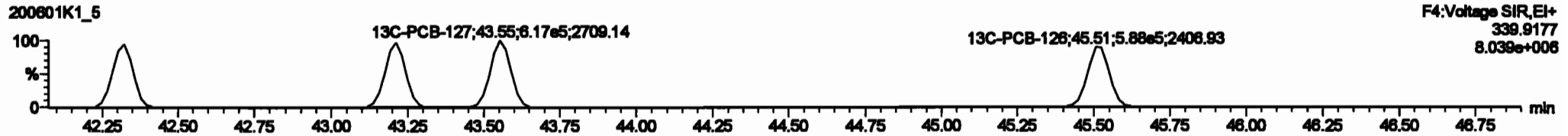
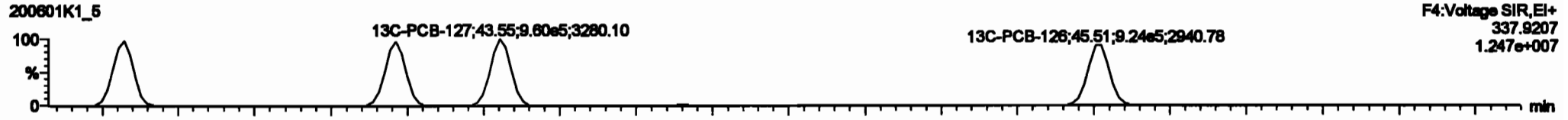
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

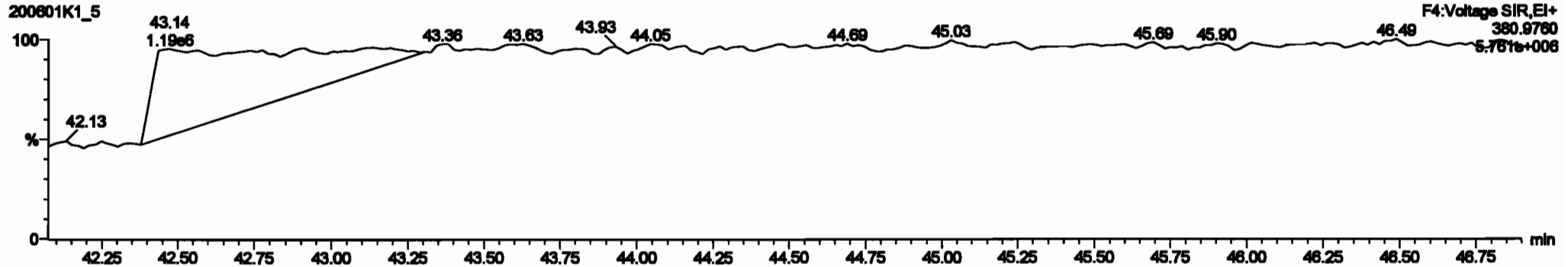
**PCB-114**



**13C-PCB-114**

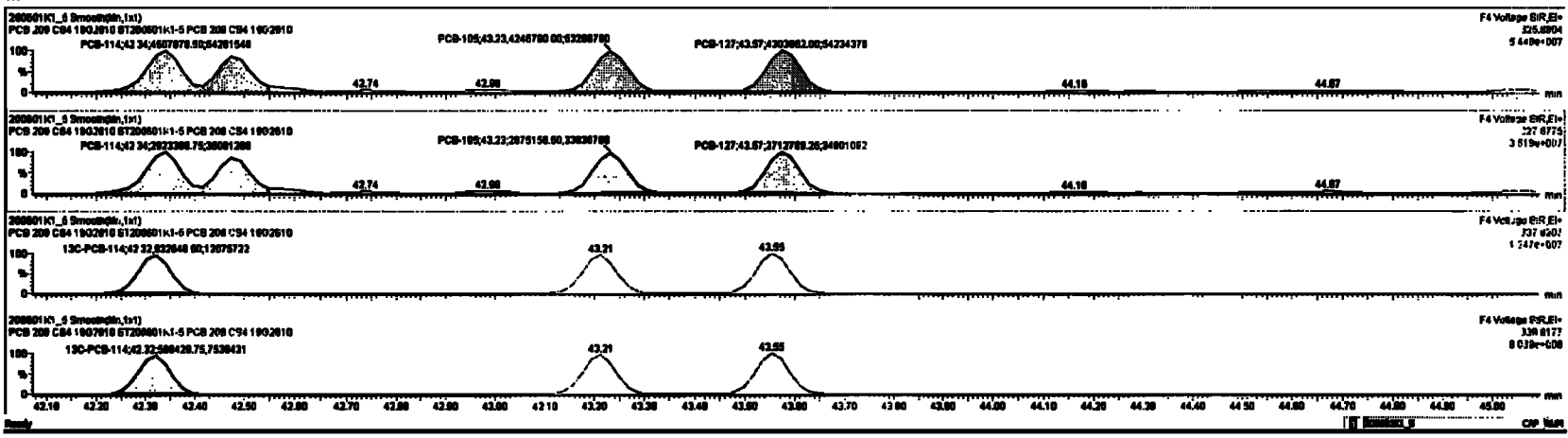


**PFK4a**



Q	Part	QTY	RA	QTY	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT
221	13C-PCB-78	1.000	0.78	NO	1.000	1.000	37.78	37.78	0.000	0.000	NO	37.78	37.78	0.007					
222	13C-PCB-178	7.000	0.84	NO	1.000	1.000	46.67	46.68	0.000	0.000	NO	46.67	46.72	0.112					
223	Total Items-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	1.000	1.000	0.000	1.000				
224	Total QTY-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	0.00	0.00	0.000	0.000				
225	Total Pareto-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	3467	3467	0.118	3467				
226	Total Pareto-PCBs				0.000	1.000	0.00	0.00	0.000	0.000	NO	0774	0774	0.002	0774				
227	Total Pareto-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	1788	1788	1.77	1788				
228	Total Pareto-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	1748	1748	0.004	1748				
229	Total Pareto-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	302	302	0.000	302				
230	Total Pareto-PCBs				0.000	1.000	0.00	0.00	0.000	0.000	NO	0874	0874	0.00	0874				
231	Total Pareto-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	12148	12148	2.07	12148				
232	Total Pareto-PCBs				1.000	1.000	0.00	0.00	0.000	0.000	NO	10000	10000	4.04	10000				

QTY	Part	RA	QTY	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT
80	PCB-114	42.34	42.34	4.000e+0	2.000e+0	1.000	1.04	NO	426.12	426.12									
91	PCB-123	42.69	42.67	3.000e+0	2.000e+0	1.000	1.05	NO	416.27	416.27									
88	PCB-105	43.29	43.23	4.000e+0	2.000e+0	1.000	1.08	NO	430.98	430.98									
89	PCB-127	43.87	43.87	4.000e+0	2.000e+0	1.000	1.08	NO	430.98	430.98									
97	PCB-128	48.57	48.54	4.000e+0	2.000e+0	1.000	1.09	NO	430.98	430.98									



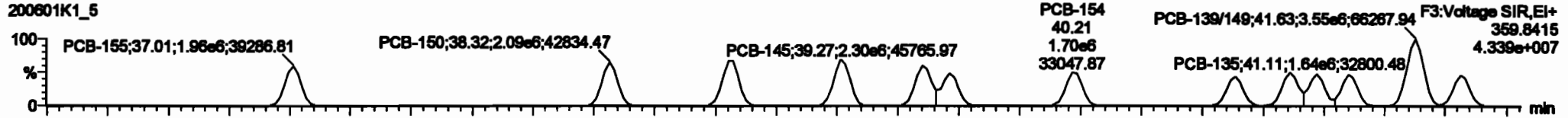
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

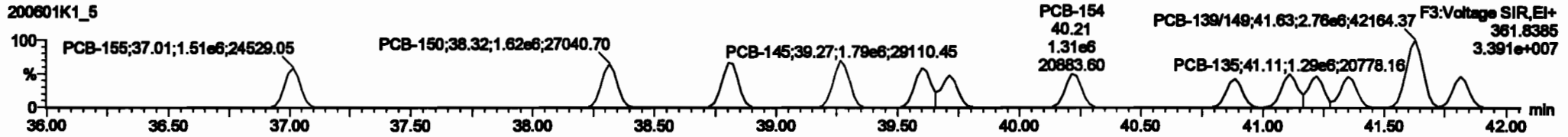
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**PCB-155**

200601K1\_5

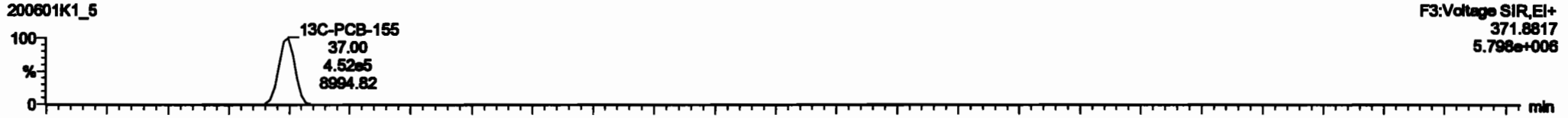


200601K1\_5

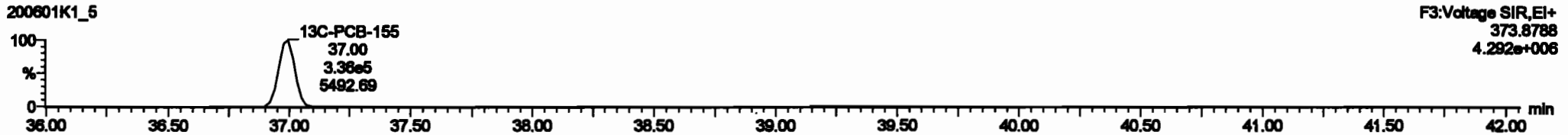


**13C-PCB-155**

200601K1\_5

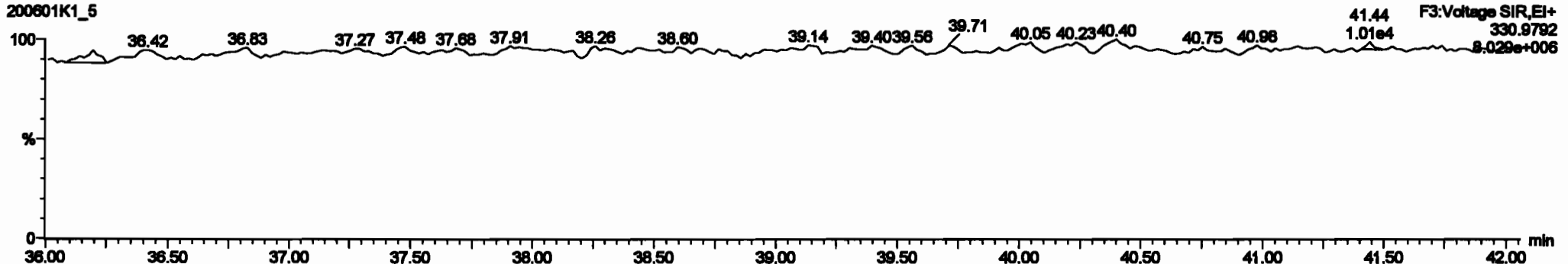


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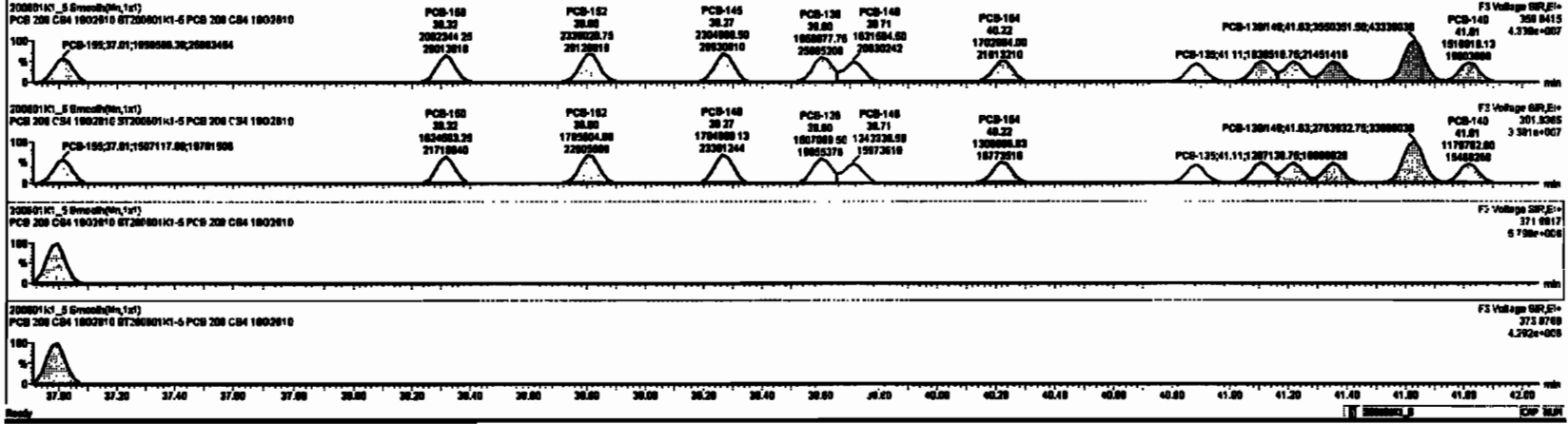
**PFK3c**

200601K1\_5



ID	Step	Step	Est	Est	Est	Actual	Planned	Est	Prod.R.	Yield	Est Pct	Chgs	Qty	Est	Est Pct
222	12C-PCB-178	1.8000	0.70	NO	1.0000	1.0000	37.78	37.78	0.000	0.000	NO	07.43	07.4	0.0000	
223	12C-PCB-178	7.8000	0.64	NO	1.0000	1.0000	48.07	48.08	0.020	0.020	NO	07.18	07.2	0.1110	
224	Total Micro-PCBs				1.1000	1.0000	0.00	0.000			NO	1200	0.0201	1200	
225	Total S-PCBs				1.0000	1.0000	0.00	0.000			NO	0120	0.2400	0120	
226	2nd Paration 1A-PCBs				1.0000	1.0000	0.00	0.000			NO	3407	0.1100	3407	
227	2nd Paration 1A-PCBs				0.8000	1.0000	0.00	0.000			NO	0774	0.0800	0774	
228	Total Tube-PCBs				1.0776	1.0000	0.00	0.000			NO	17000	1.37	17000	
229	2nd Paration Penta-PCBs				1.2107	1.0000	0.00	0.000			NO	17000	0.804	17000	
230	4th Paration Penta-PCBs				1.0735	1.0000	0.00	0.000			NO	2128	0.200	2128	
231	4th Paration Hexa-PCBs				1.0000	1.0000	0.00	0.000			NO	0000	0.000	0000	
232	4th Paration Hexa-PCBs				1.0000	1.0000	0.00	0.000			NO	12140	2.07	12140	
233	Total Micro-PCBs				1.2000	1.0000	0.00	0.000			NO	0000	4.00	0000	

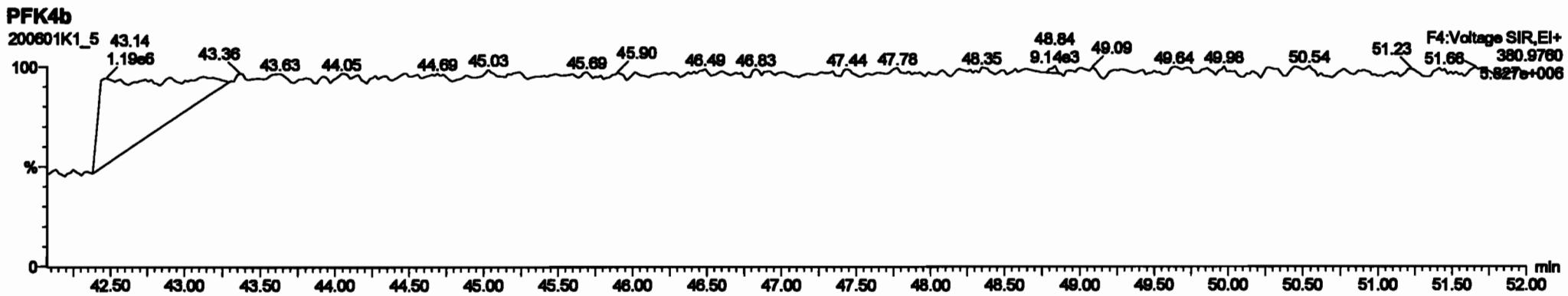
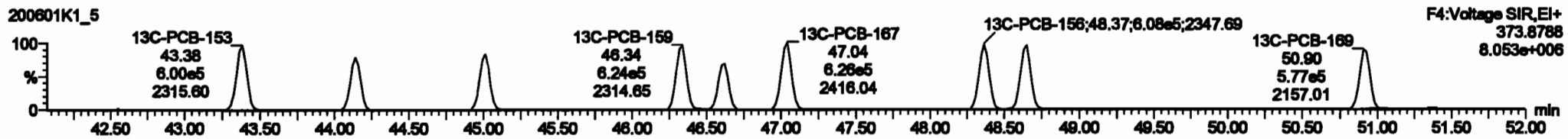
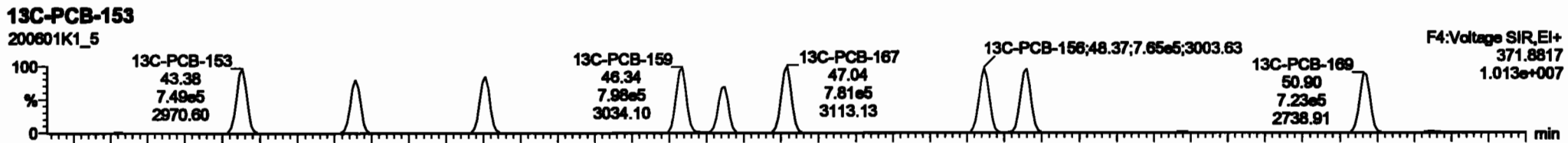
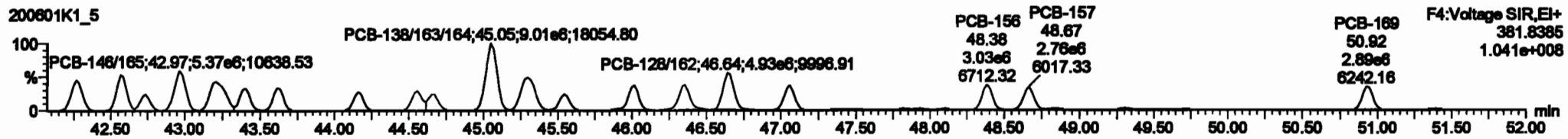
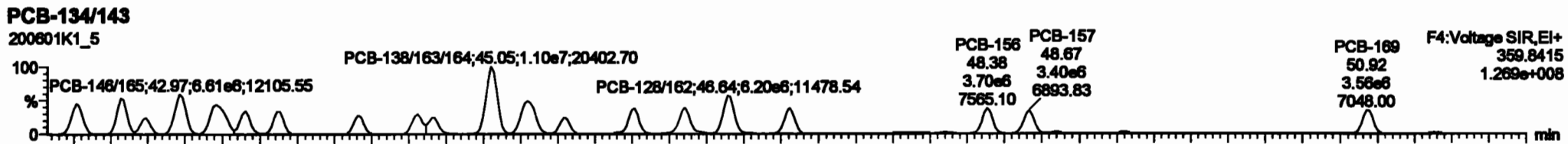
ID	Step	Step	Est	Est	Est	Actual	Planned	Est	Prod.R.	Yield	Est Pct	Chgs	Qty	Est	Est Pct
80	PCB-100	37.00	37.01	1.8000	1.8000	1.200	1.20	NO	0.00	0.00	NO	021.45	021.45		
90	PCB-100	38.30	38.30	2.0000	1.8000	1.200	1.20	NO	0.00	0.00	NO	038.01	038.01		
100	PCB-100	38.00	38.00	2.2000	1.7000	1.200	1.20	NO	0.00	0.00	NO	041.00	041.00		
110	PCB-140	38.30	38.30	1.8000	1.7000	1.200	1.20	NO	0.00	0.00	NO	038.00	038.00		
120	PCB-130	38.00	38.00	1.8000	1.2000	1.200	1.20	NO	0.00	0.00	NO	038.00	038.00		
130	PCB-140	38.70	38.71	1.8000	1.2000	1.200	1.20	NO	0.00	0.00	NO	038.70	038.70		
140	PCB-100	40.20	40.20	1.2000	1.2000	1.200	1.20	NO	0.00	0.00	NO	010.00	010.00		
150	PCB-100	40.00	40.00	1.4000	1.5000	1.200	1.20	NO	0.00	0.00	NO	010.20	010.20		
160	PCB-130	41.10	41.11	1.8000	1.2000	1.200	1.20	NO	0.00	0.00	NO	000.00	000.00		



Dataset: Untitled

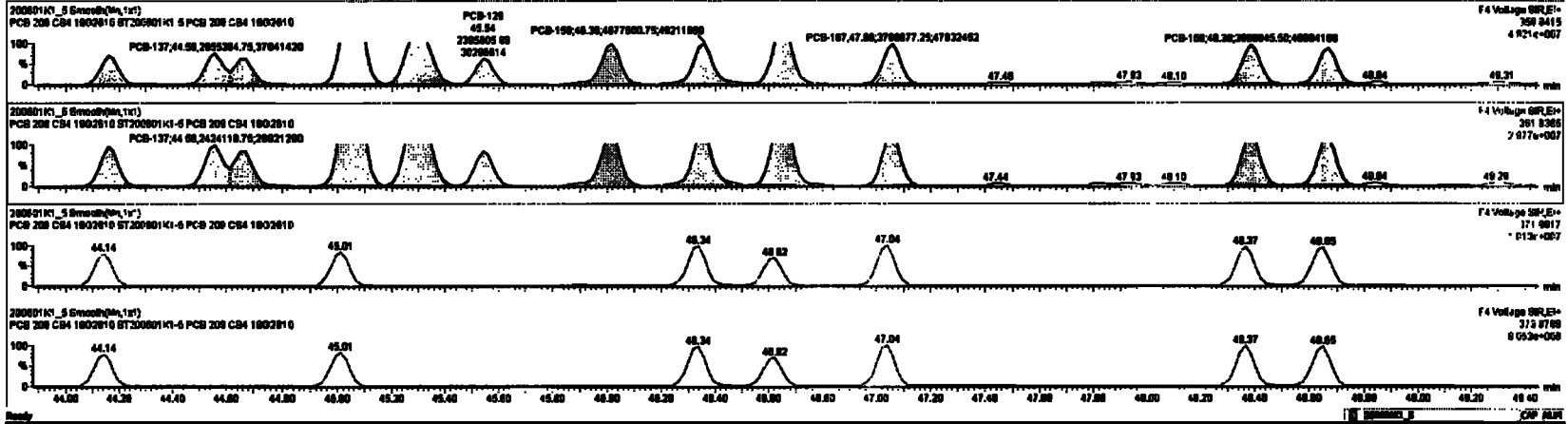
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Name: 200601K1\_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610



#	#	Name	Comp	PA	oly	SWP	width	Percent	W	Peak#	SWP	Area	Offst	Comp	W	Area	Offst
222	130	PCB-PCB-70	1.00e6	0.70	NO	1.0001	1.000	37.76	37.76	0.000	0.000	NO	07.40	07.4	0.0079		
223	130	PCB-PCB-70	7.00e6	0.44	NO	1.0000	1.000	48.07	48.08	0.000	0.000	NO	07.40	07.2	0.5112		
224		Total Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	12.00		0.0001	1.000	
225		Total PCBs	1.0000	1.000	0.00	0.000	0.000					NO	01.00		0.200	01.00	
226		2nd Function TX-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	20.07		0.110	20.07	
227		3rd Function TX-PCBs	0.0000	1.000	0.00	0.000	0.000					NO	07.74		0.000	07.74	
228		Total Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	17.00		1.37	17.00	
229		2nd Function Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	17.00		0.000	17.00	
230		4th Function Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	21.00		0.200	21.00	
231		2nd Function Mono-PCBs	0.0000	1.000	0.00	0.000	0.000					NO	00.70		0.400	00.70	
232		Total Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	00.00		0.000	00.00	
233		Total Mono-PCBs	1.0000	1.000	0.00	0.000	0.000					NO	00.00		0.000	00.00	

#	Name	Peak#	W	Area	Offst	Peak#	W	Area	Offst	W	Area	Offst	W	Area	Offst
111	PCB-130A40	42.30	42.30	0.012e6	4.00e6	1.20	1.20	NO	000.01	000.01					
112	PCB-131A30	42.00	42.07	0.500e6	4.300e6	1.20	1.20	NO	001.00	001.00					
113	PCB-142	42.74	42.74	2.000e6	1.001e6	1.20	1.20	NO	438.01	438.01					
114	PCB-140B16	42.00	42.07	0.500e6	4.300e6	1.20	1.20	NO	073.00	073.00					
115	PCB-120B1	43.27	43.21	0.070e6	5.200e6	1.20	1.20	NO	001.20	001.20					
116	PCB-100	43.00	43.00	2.070e6	2.701e6	1.20	1.20	NO	427.00	427.00					
117	PCB-100	43.00	43.00	2.000e6	2.500e6	1.20	1.20	NO	420.70	420.70					
118	PCB-141	44.10	44.10	2.700e6	2.100e6	1.20	1.20	NO	430.00	430.00					
119	PCB-137	44.00	44.00	3.000e6	2.420e6	1.20	1.20	NO	431.00	431.00					



Dataset: Untitled

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

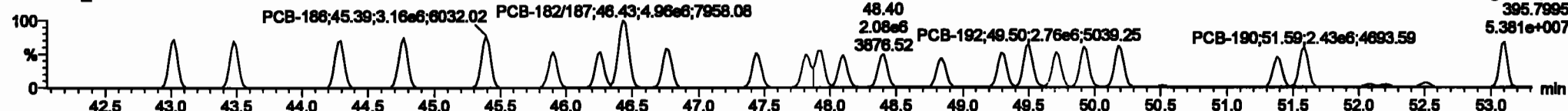
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**PCB-188**

200601K1\_5

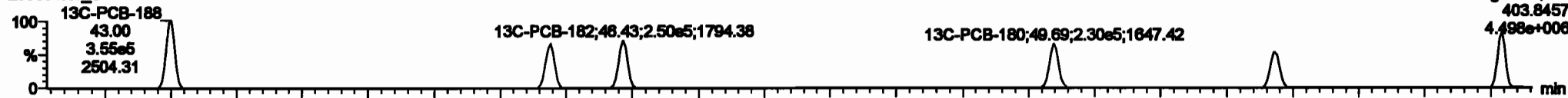


200601K1\_5

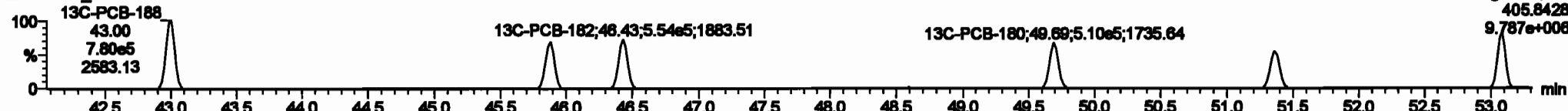


**13C-PCB-188**

200601K1\_5

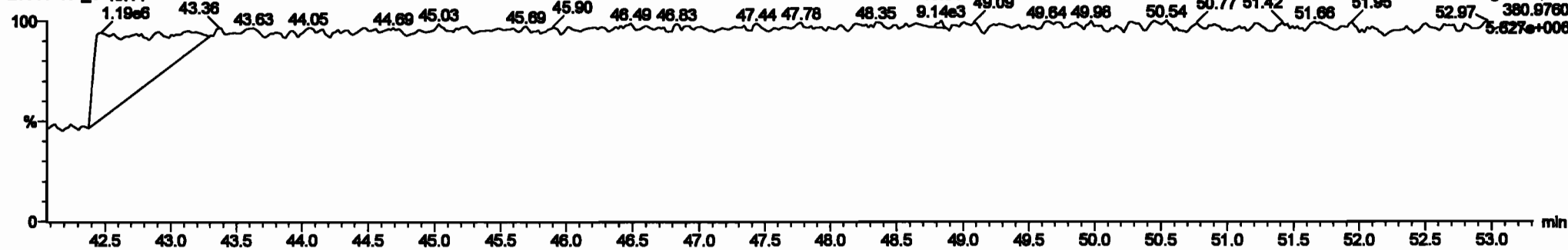


200601K1\_5



**PFK4c**

200601K1\_5





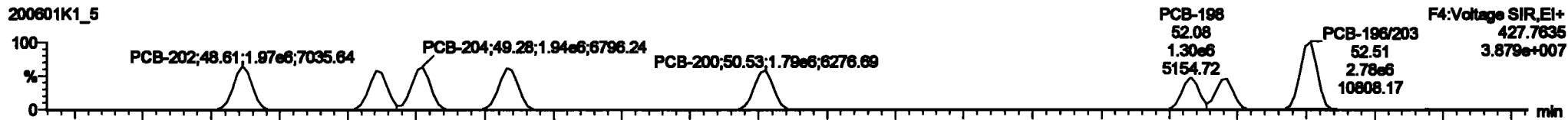
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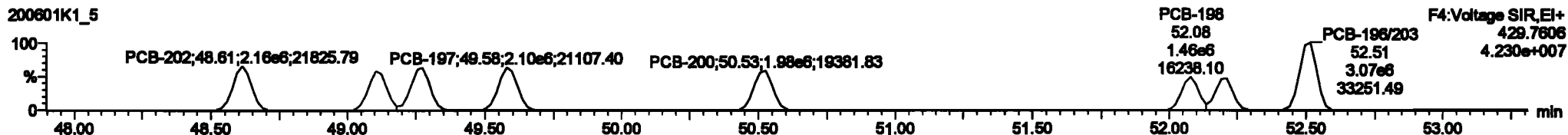
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**PCB-202**

200601K1\_5

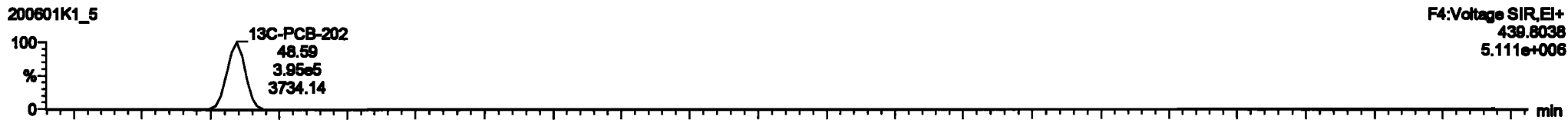


200601K1\_5

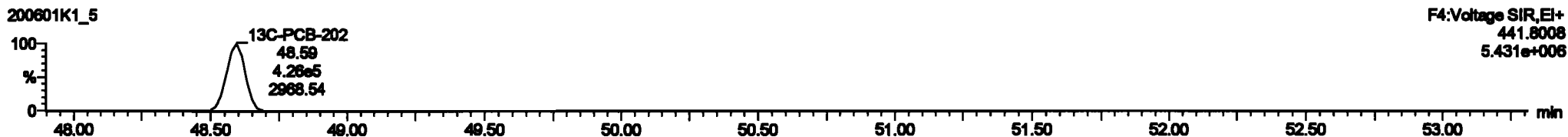


**13C-PCB-202**

200601K1\_5

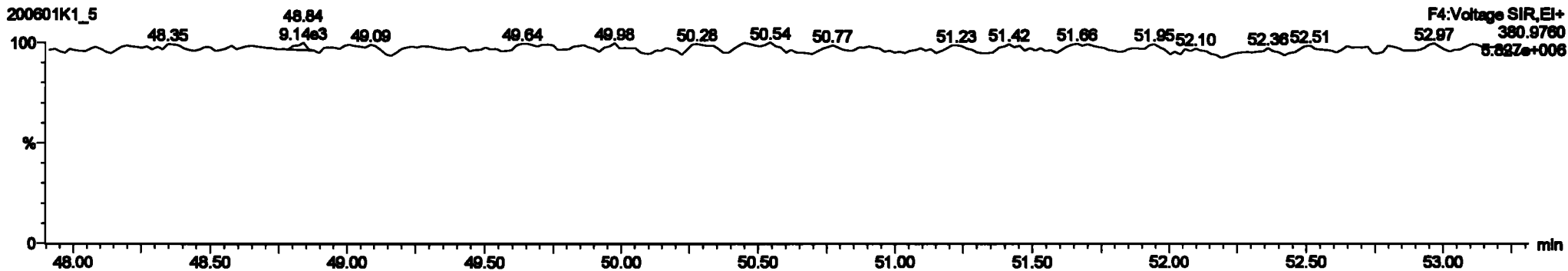


200601K1\_5



**PFK4d**

200601K1\_5



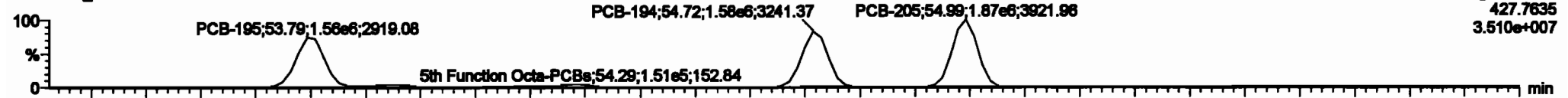
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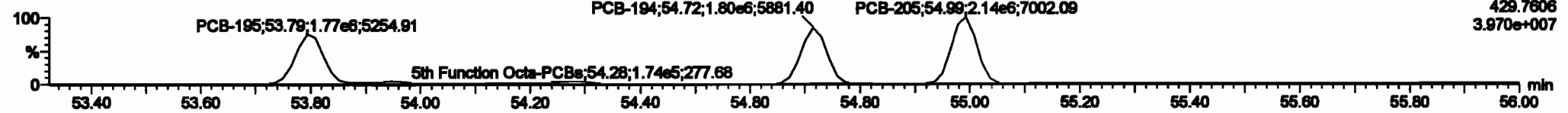
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**PCB-195**

200601K1\_5

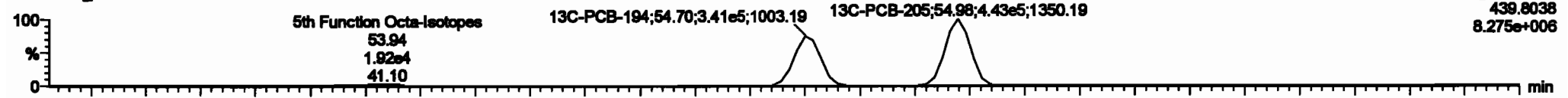


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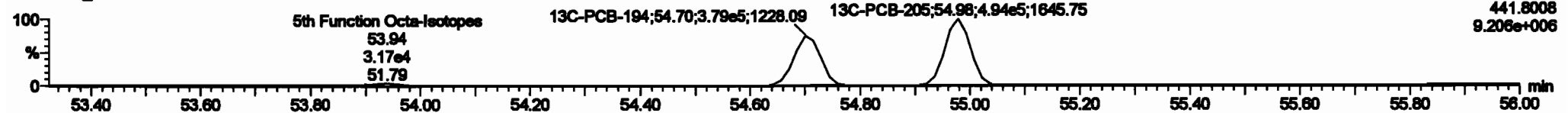


**13C-PCB-194**

200601K1\_5

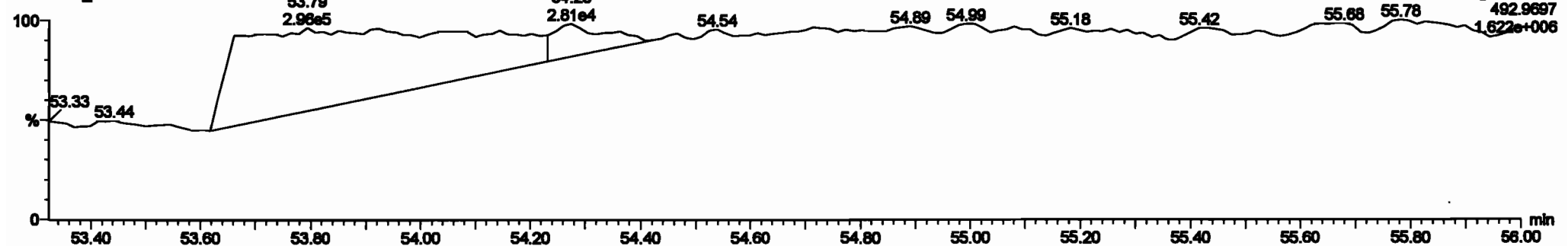


200601K1\_5



**PFK5a**

200601K1\_5



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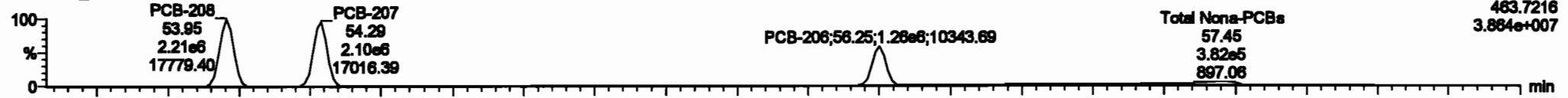
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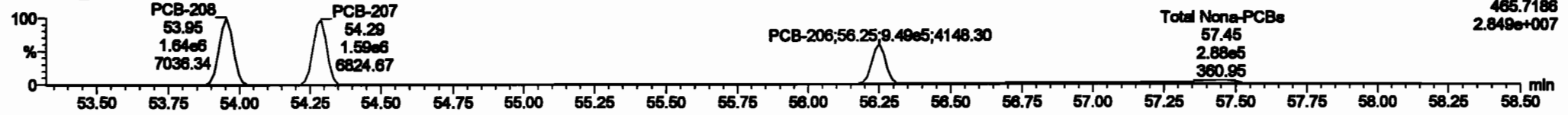
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**PCB-208**

200601K1\_5

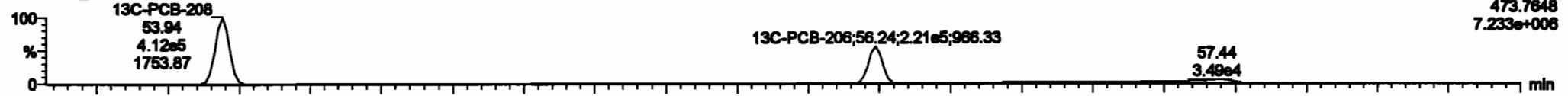


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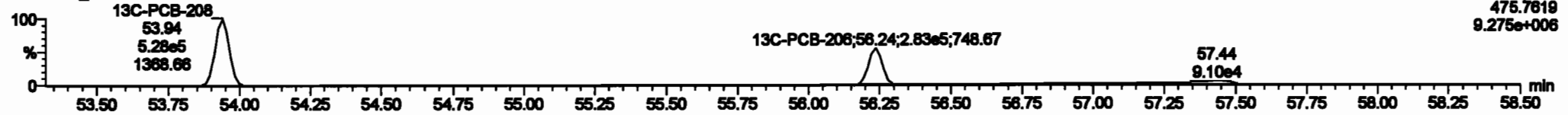


**13C-PCB-208**

200601K1\_5

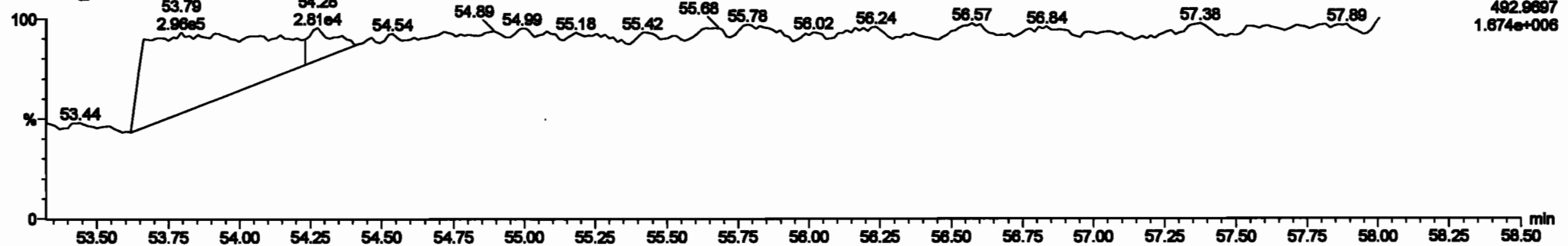


200601K1\_5



**PFK5**

200601K1\_5



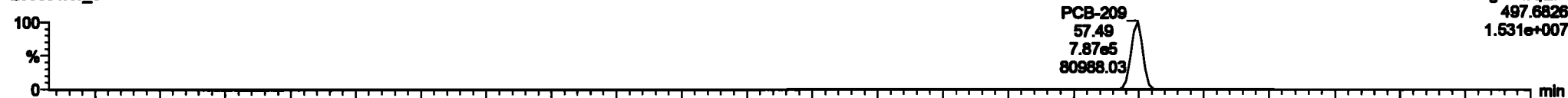
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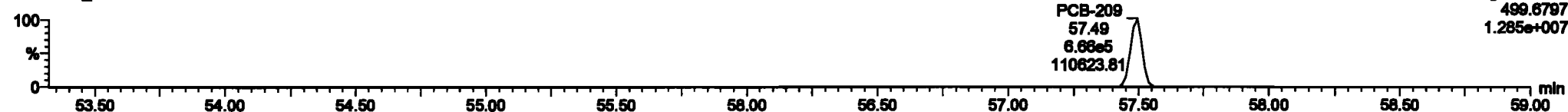
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**PCB-209**

200601K1\_5

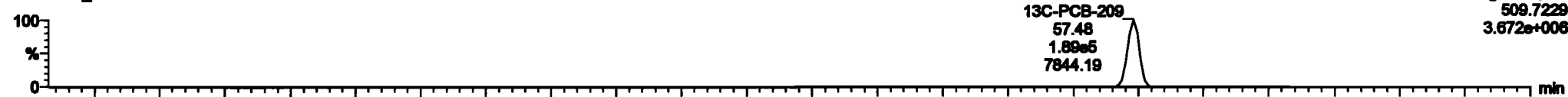


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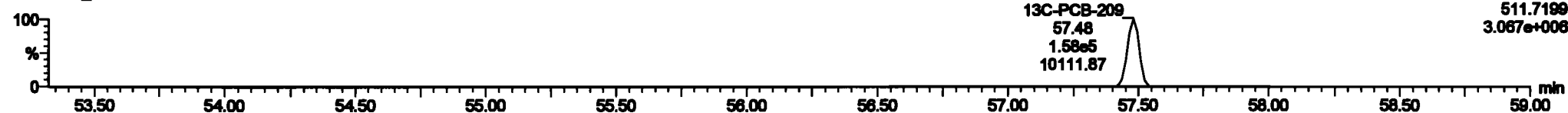


**13C-PCB-209**

200601K1\_5

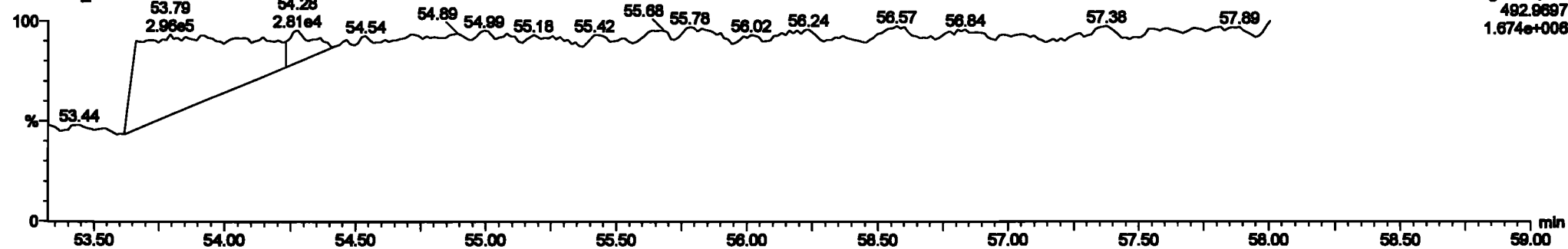


200601K1\_5



**PFK5b**

200601K1\_5



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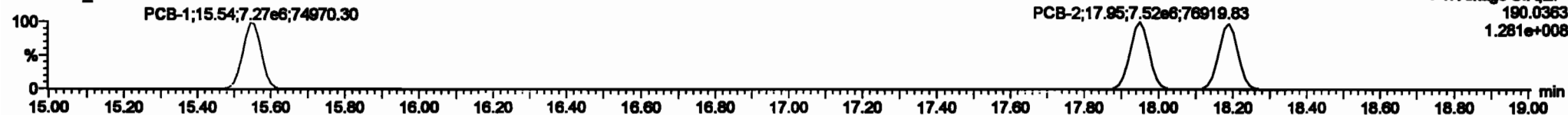
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**PCB-1**

200601K1\_6



200601K1\_6



**13C-PCB-1**

200601K1\_6

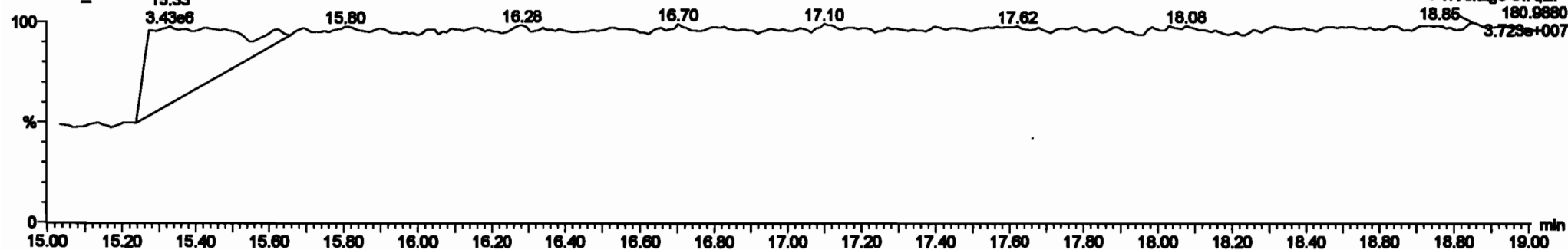


200601K1\_6



**PFK1**

200601K1\_6

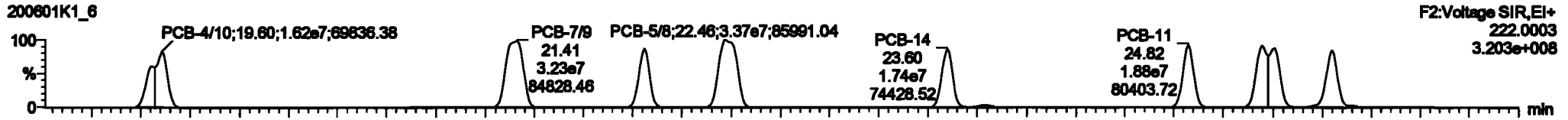


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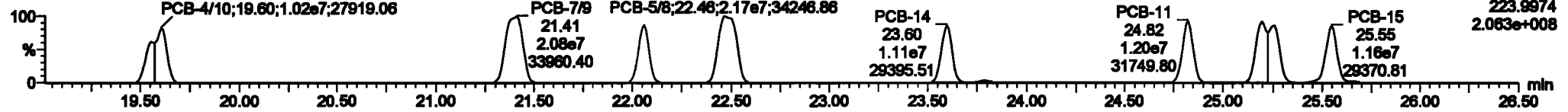
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PCB-4/10



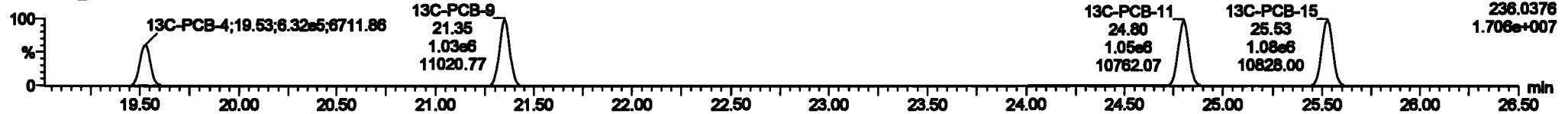
200601K1\_6



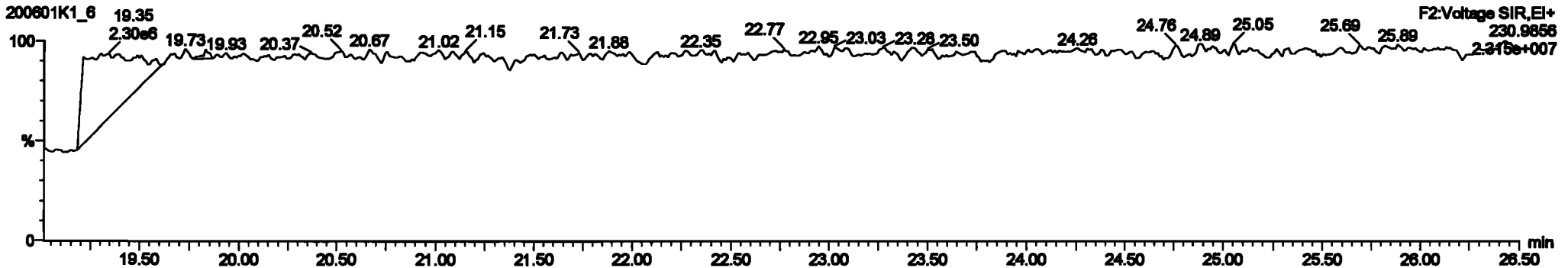
13C-PCB-4



200601K1\_6

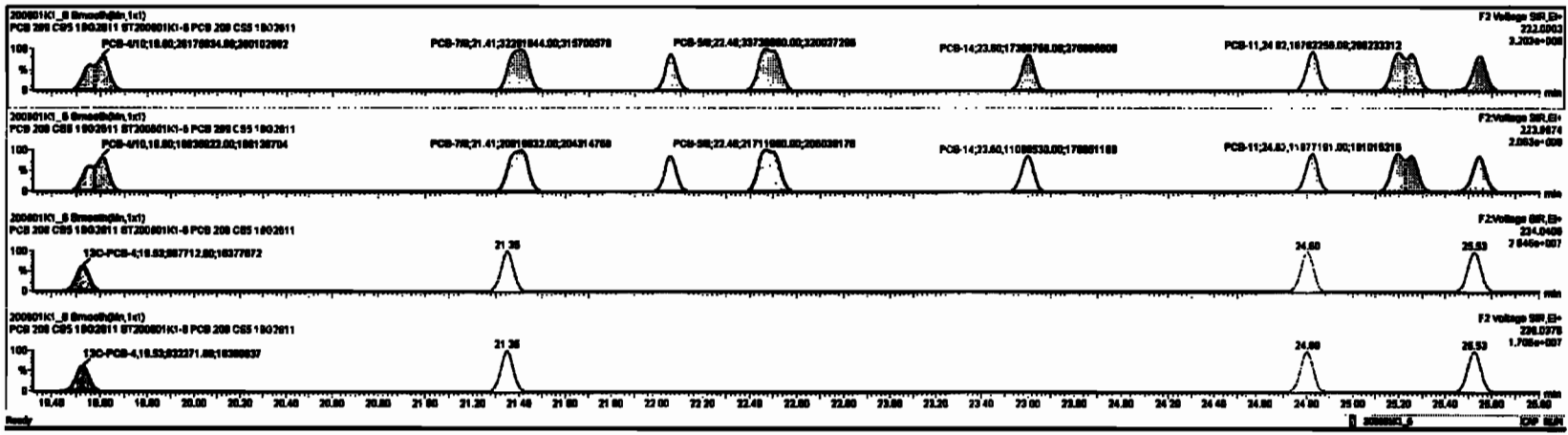


PFK2a



ID	Name	Comp	SN	Qty	Inv	Volts/Hz	PresID	RT	PresID	Inv	PresID	Comp	SN	BA	QPC
226	12C-PCB-205	1.05e6	0.92	NO	1.0000	1.000	04.90	04.90	1.000	0.000	NO	102.0	100	0.120	
227	12C-PCB-70	2.05e6	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	107.0	100	0.0000	
228	12C-PCB-470	7.70e6	0.40	NO	1.0000	1.000	45.00	45.00	0.000	0.000	NO	00.00	00.0	0.100	
229	12C-PCB-70	2.05e6	0.70	NO	1.0000	1.000	37.70	37.70	0.000	0.000	NO	00.00	00.0	0.0000	
230	12C-PCB-470	7.70e6	0.40	NO	1.0000	1.000	45.00	45.00	0.000	0.000	NO	00.00	00.0	0.0000	
234	Total Items-PCBs	1.0000	1.000	0.000	0.0000						NO	3000		0.0000	3000
235	2nd Purallon TM-PCBs	1.0000	1.000	0.000	0.0000						NO	0000		0.120	0000
237	2nd Purallon TM-PCBs	0.0000	1.000	0.000	0.0000						NO	10000		0.000	10000
238	Total Value-PCBs	1.0000	1.000	0.000	0.0000						NO	43000		2.30	43000
239	2nd Purallon Parts-PCBs	1.0000	1.000	0.000	0.0000						NO	43000		2.30	43000
240	Total Purallon Parts-PCBs	1.0000	1.000	0.000	0.0000						NO	5000		0.000	5000

ID	Name	PresID	RT	Vol Range	Vol Range	1st Range	BA	QPC	QPC	
0	PCB-400	10.01	10.00	2.00e7	2.00e7	1.000	1.00	NO	2114.3	2114.3
8	PCB-700	21.41	21.41	3.20e7	3.20e7	1.000	1.00	NO	2100.0	2100.0
8	PCB-8	22.00	22.00	1.70e7	1.70e7	1.000	1.00	NO	1000.0	1000.0
8	PCB-50	22.40	22.40	3.20e7	3.20e7	1.000	1.00	NO	2100.0	2100.0
0	PCB-14	23.01	23.00	1.20e7	1.20e7	1.000	1.00	NO	1000.0	1000.0
0	PCB-11	24.00	24.00	1.00e7	1.00e7	1.000	1.00	NO	1010.0	1010.0
0	PCB-1000	25.00	25.00	3.20e7	3.20e7	1.000	1.00	NO	2000.0	2000.0
0	PCB-10	25.07	25.00	1.70e7	1.40e7	1.000	1.00	NO	1000.0	1000.0

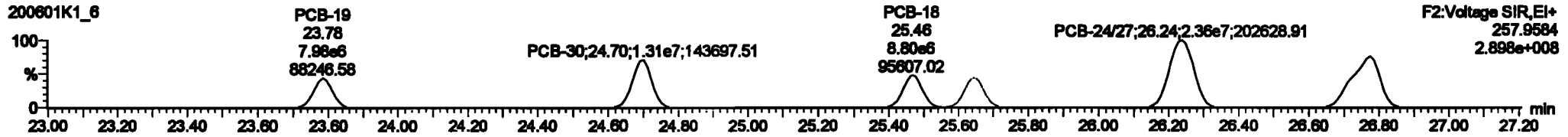


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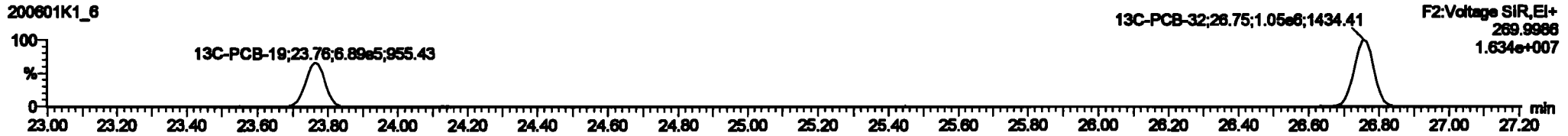
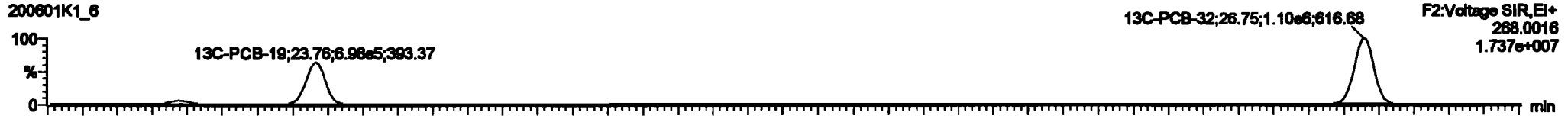
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Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

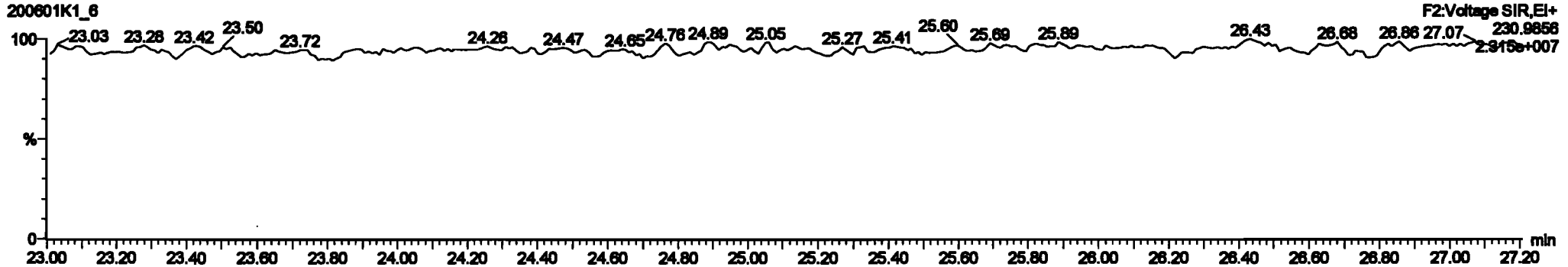
**PCB-19**



**13C-PCB-19**



**PFK2b**



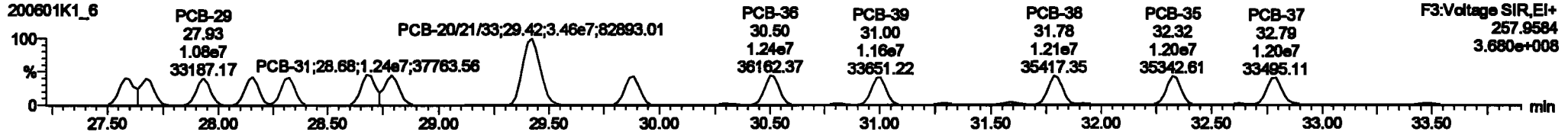
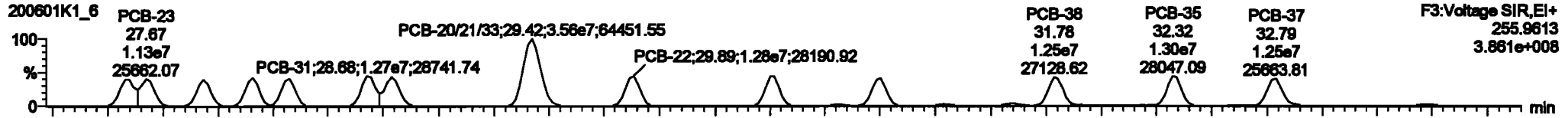


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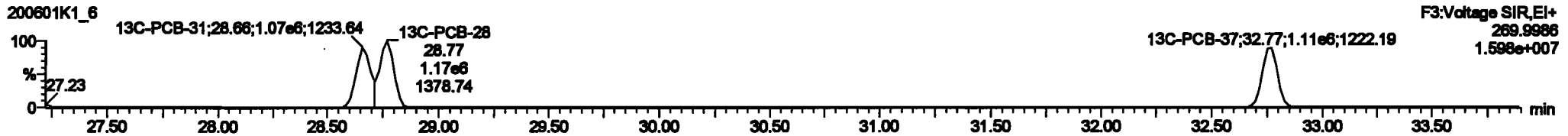
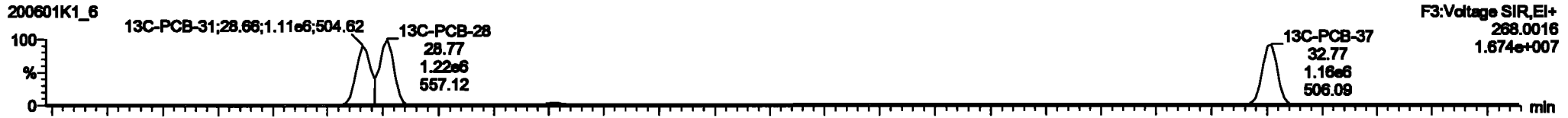
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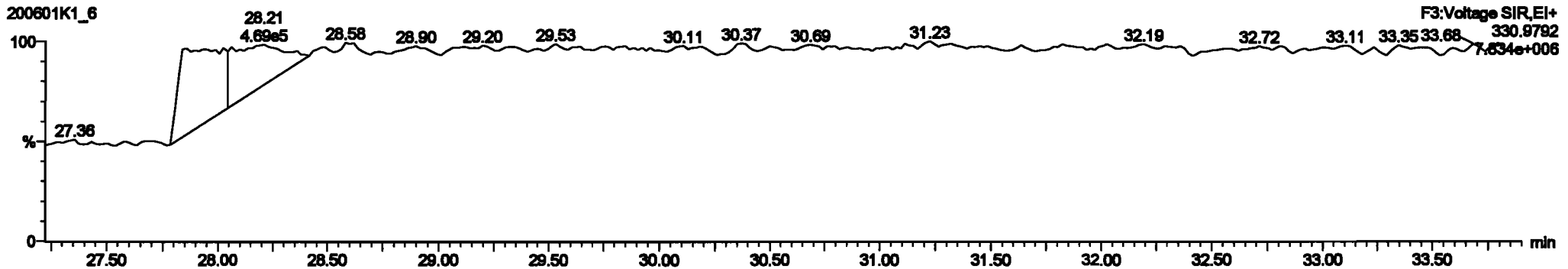
PCB-34



13C-PCB-28

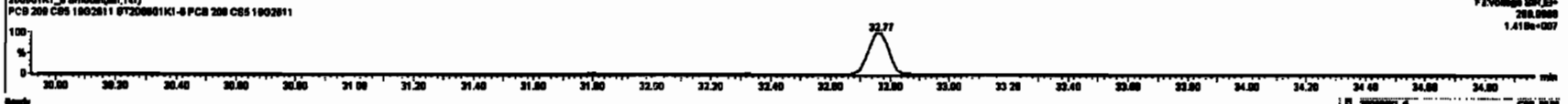
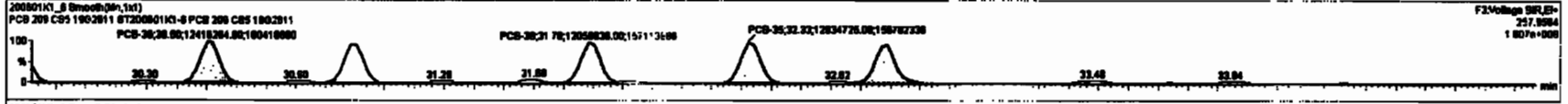
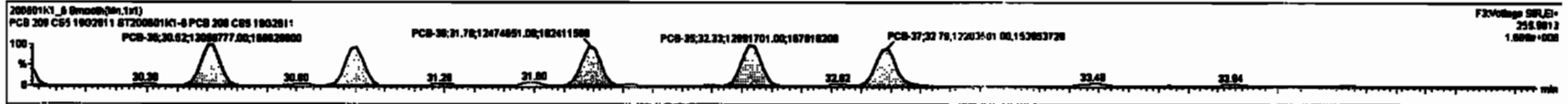


PFK3d



#	Name	Range	BA	Unit	Min	Max	Peak1	Peak2	Peak3	Peak4	Peak5	Peak6	Peak7	Peak8	Peak9	Peak10	Peak11	Peak12	Peak13	Peak14	Peak15	Peak16	Peak17	Peak18	Peak19	Peak20
219	13C-PCB-205	1.01e6	0.02	MD	1.0000	1.0000	54.80	54.80	1.000	0.000	MD	100.0	100	0.132												
220	13C-PCB-210	2.00e6	0.75	MD	1.0000	1.0000	37.50	37.50	1.000	0.000	MD	101.0	101	0.0000												
221	13C-PCB-170	7.70e6	0.45	MD	0.7000	1.0000	45.00	45.00	0.800	0.000	MD	99.07	99.1	0.103												
222	13C-PCB-210	2.00e6	0.75	MD	1.0001	1.0000	37.70	37.70	0.800	0.000	MD	99.01	99.0	0.0040												
223	13C-PCB-170	7.70e6	0.45	MD	1.0000	1.0000	45.07	45.00	0.800	0.000	MD	94.43	94.4	0.0094												
224	Total Mono-PCBs				1.5885	1.0000	0.00	0.000	0.000	0.000	MD	3103		0.0407	3103											
225	Total Di-PCBs				1.0037	1.0000	0.00	0.000	0.000	0.000	MD	12800		0.380	12800											
226	Total Tri-PCBs				1.0007	1.0000	0.00	0.000	0.000	0.000	MD	6204		0.120	6204											
227	Total Tetra-PCBs				0.0000	1.0000	0.00	0.000	0.000	0.000	MD	0.00		0.000	0.000											
228	Total Mono-PCBs				1.0773	1.0000	0.00	0.000	0.000	0.000	MD	43620		2.32	43620											
229	Total Di-PCBs				1.3157	1.0000	0.00	0.000	0.000	0.000	MD	62000		3.05	62000											
230	Total Tri-PCBs				1.0704	1.0000	0.00	0.000	0.000	0.000	MD	6704		0.700	6704											

#	Name	Peak1	Peak2	Peak3	Peak4	Peak5	Peak6	Peak7	Peak8	Peak9	Peak10	Peak11	Peak12	Peak13	Peak14	Peak15	Peak16	Peak17	Peak18	Peak19	Peak20	Peak21	Peak22	Peak23	Peak24
1	16 PCB-34	27.80	27.80	1.182e7	1.182e7	1.040	1.00	MD	1001.1	1001.1															
2	18 PCB-23	27.07	27.07	1.120e7	1.082e7	1.040	1.07	MD	1000.7	1000.7															
3	20 PCB-28	27.09	27.00	1.104e7	1.080e7	1.040	1.00	MD	1000.7	1000.7															
4	21 PCB-28	28.16	28.16	1.103e7	1.142e7	1.040	1.04	MD	1004.1	1004.1															
5	22 PCB-38	28.21	28.20	1.170e7	1.130e7	1.040	1.04	MD	1010.0	1010.0															
6	23 PCB-34	28.08	28.09	1.372e7	1.302e7	1.040	1.00	MD	1014.5	1014.5															
7	24 PCB-28	28.79	28.78	1.202e7	1.207e7	1.040	1.00	MD	1048.4	1048.4															
8	25 PCB-20H33	28.43	28.42	3.057e7	3.000e7	1.040	1.00	MD	2144.3	2144.3															
9	26 PCB-32	28.07	28.08	1.200e7	1.200e7	1.040	1.00	MD	1071.1	1071.1															

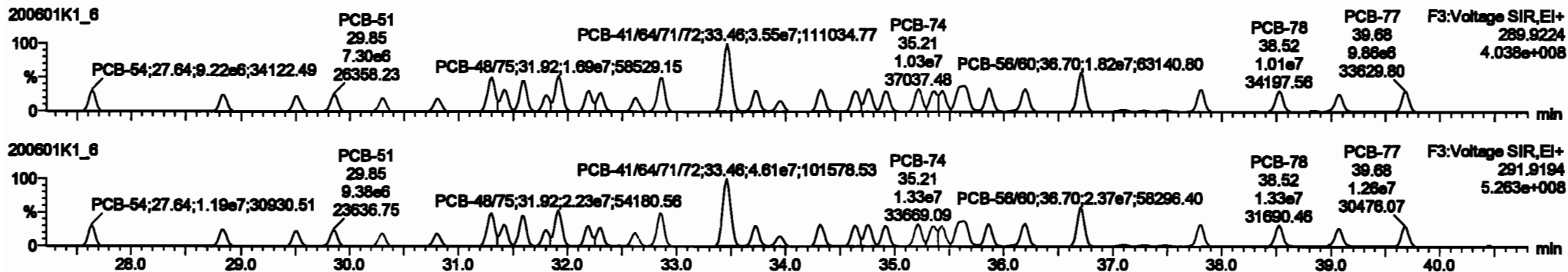


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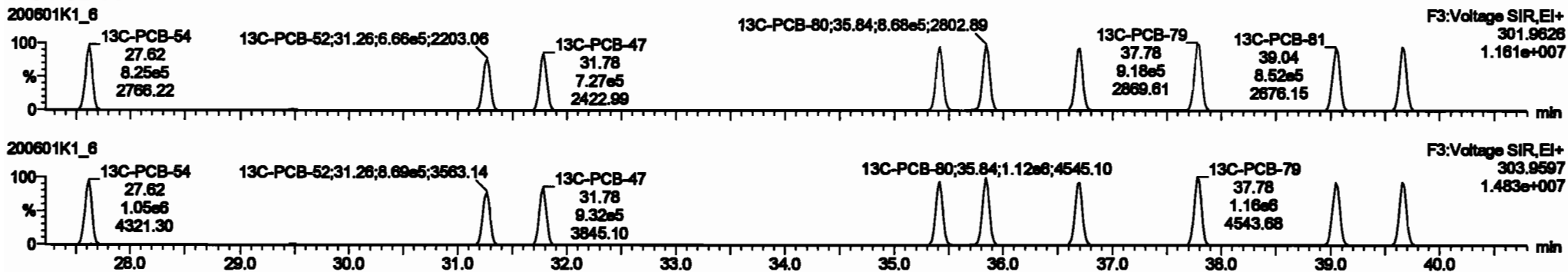
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

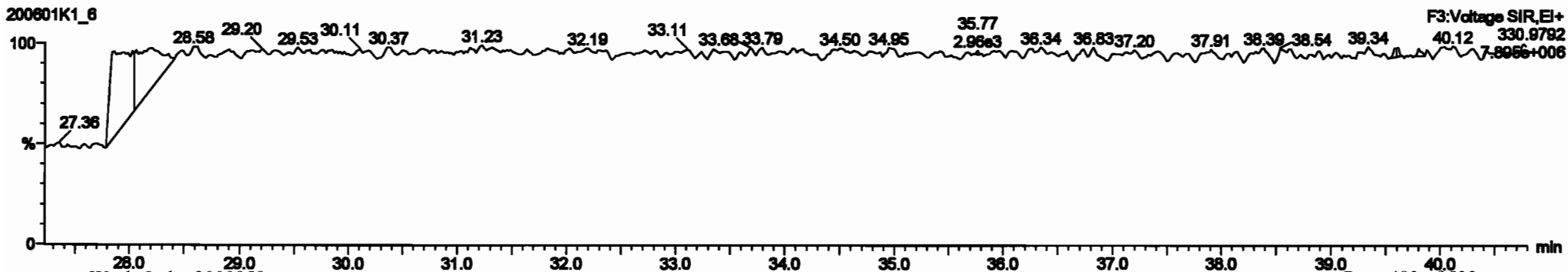
**PCB-54**



**13C-PCB-54**



**PFK3a**



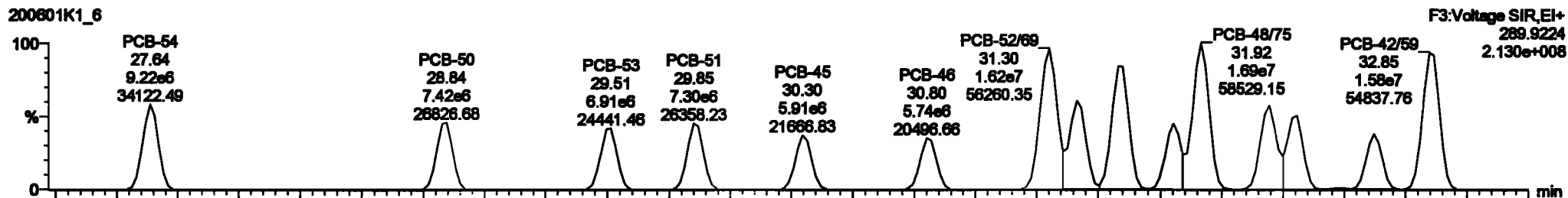
Dataset: Untitled

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

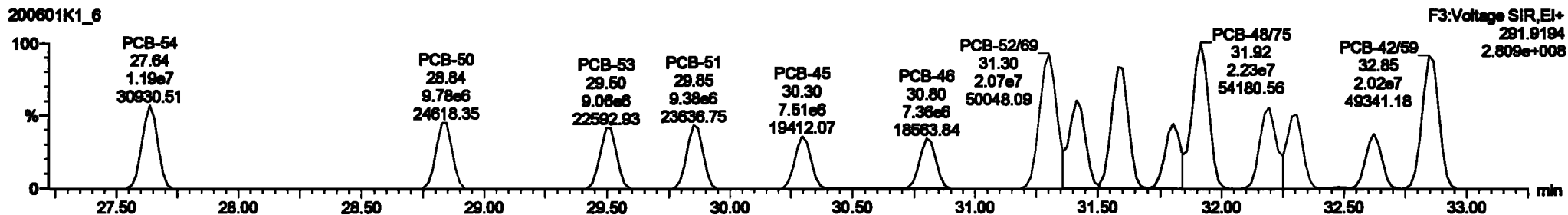
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PCB-50

200601K1\_6



200601K1\_6

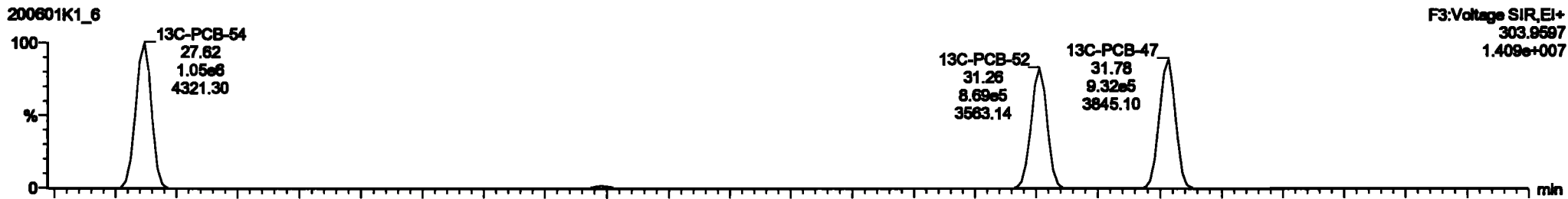


13C-PCB-52

200601K1\_6



200601K1\_6

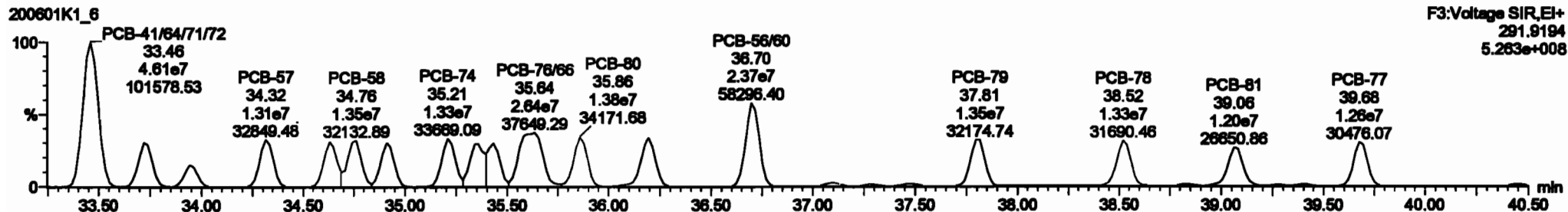
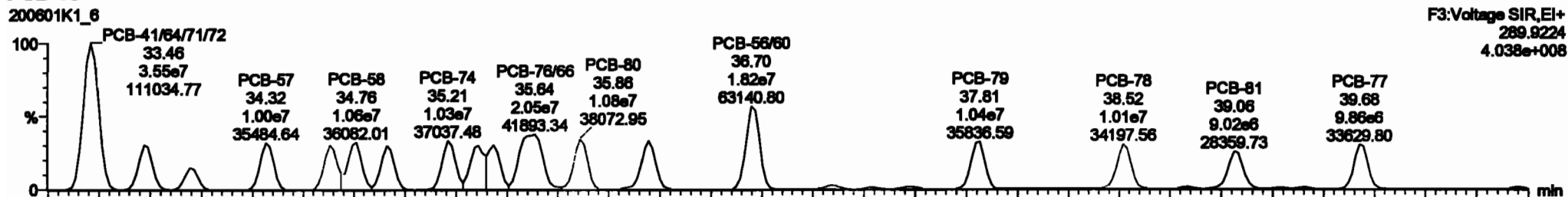


Dataset: Untitled

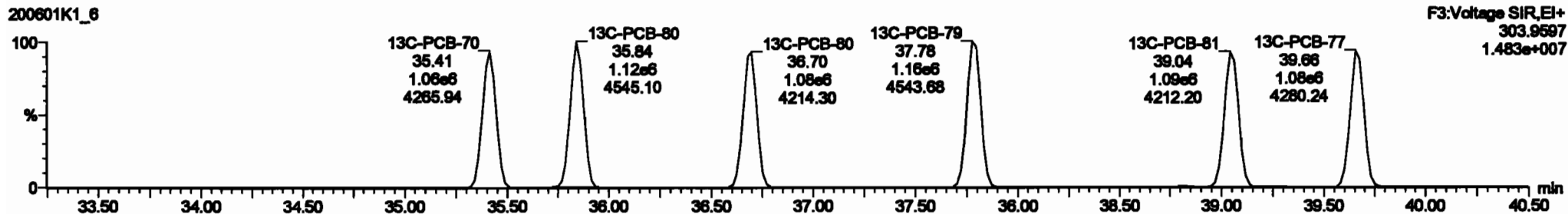
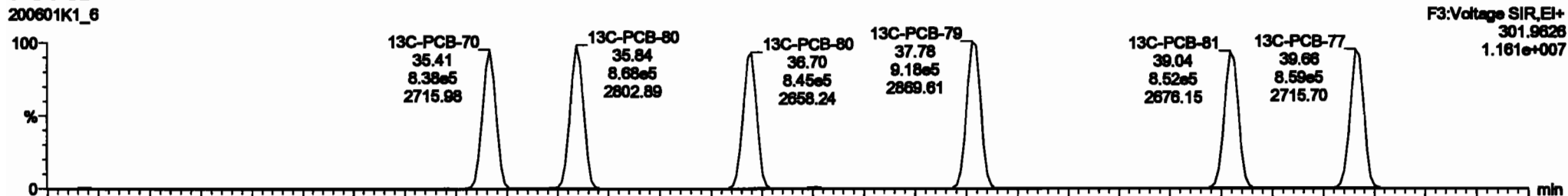
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
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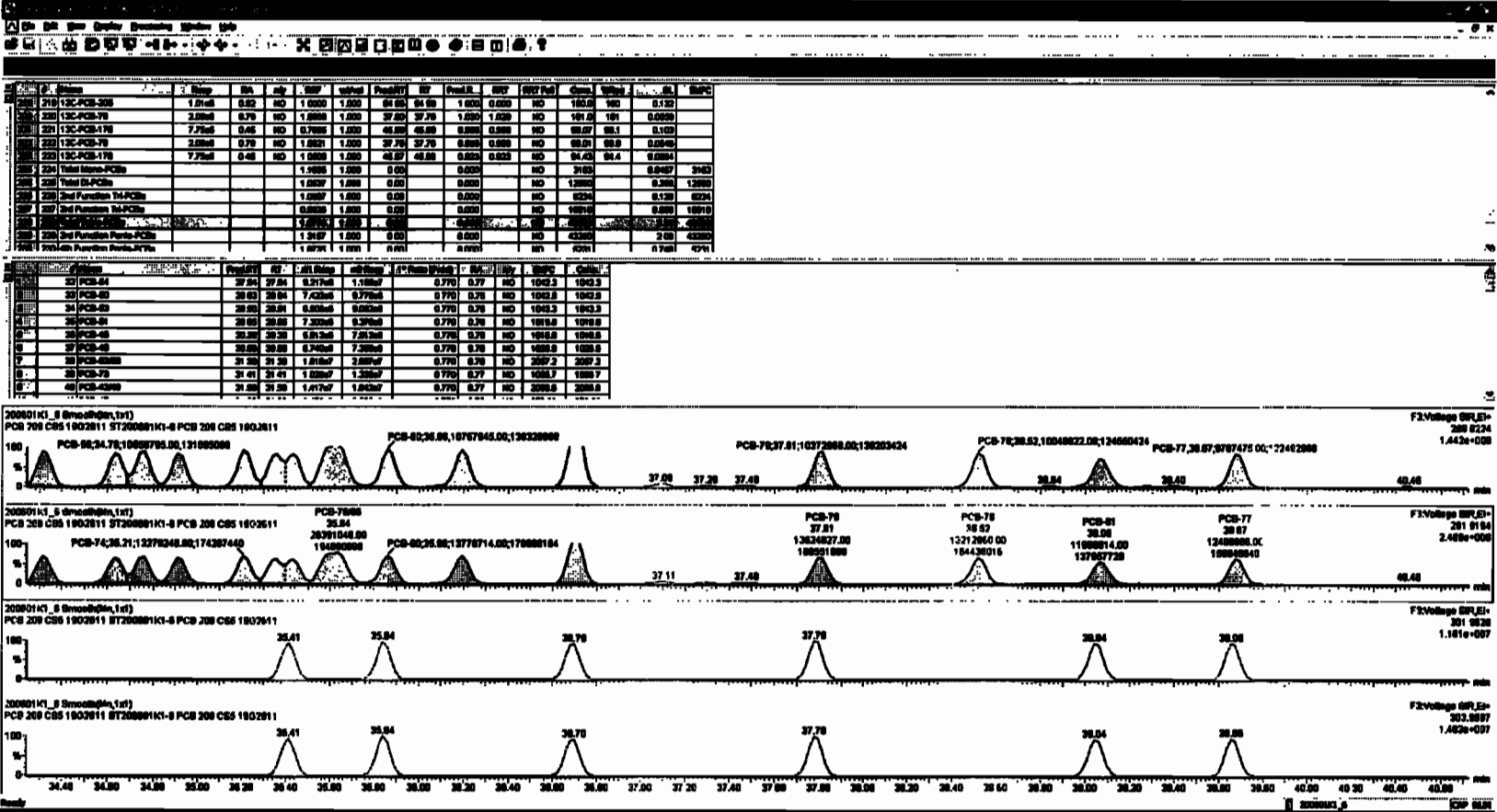
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-68**



**13C-PCB-60**



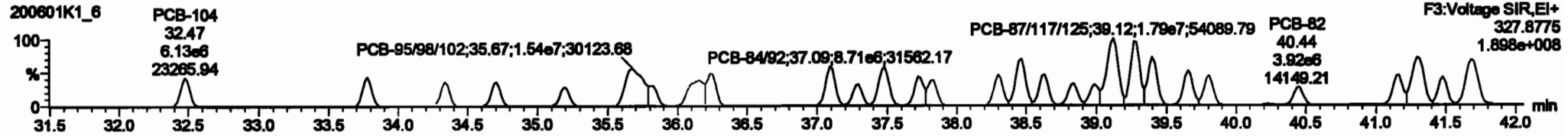
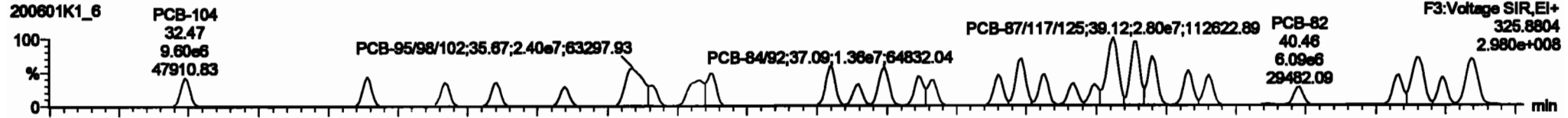


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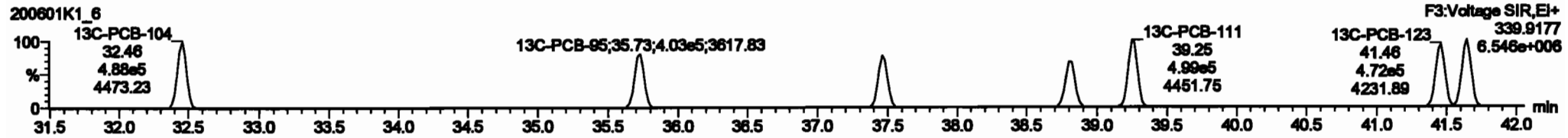
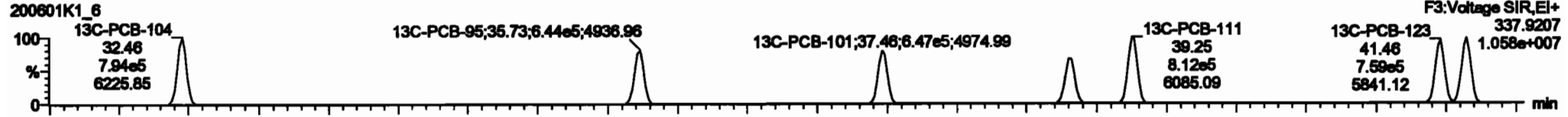
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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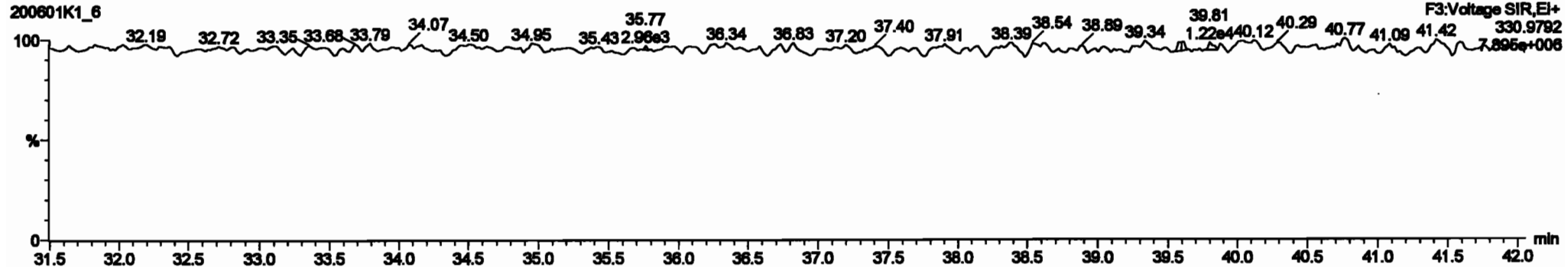
**PCB-104**



**13C-PCB-104**



**PFK3b**



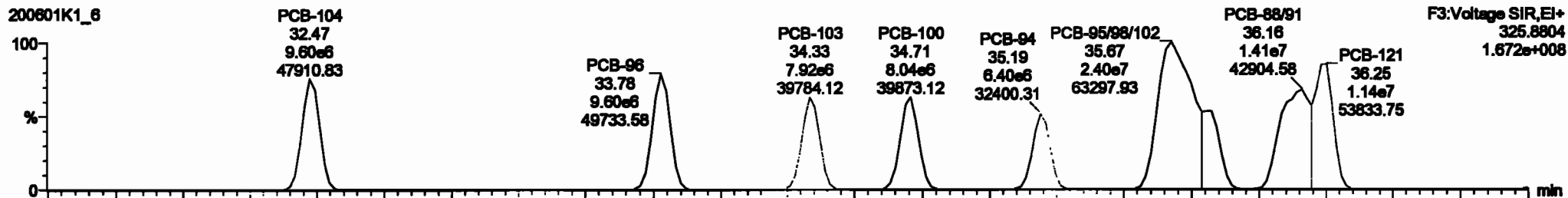
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

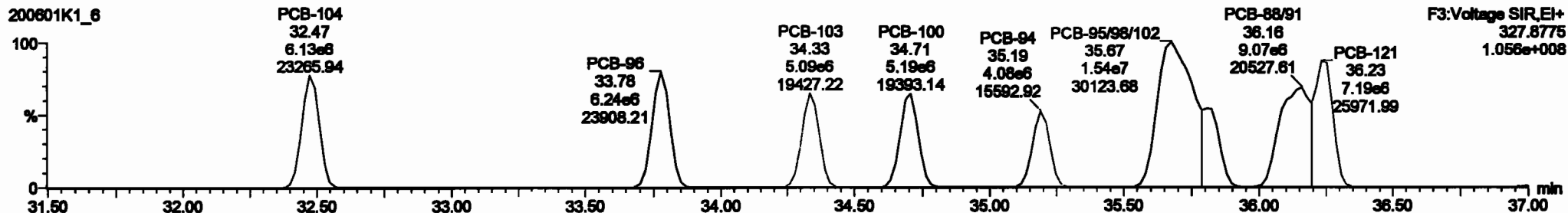
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PCB-96

200601K1\_6



200601K1\_6

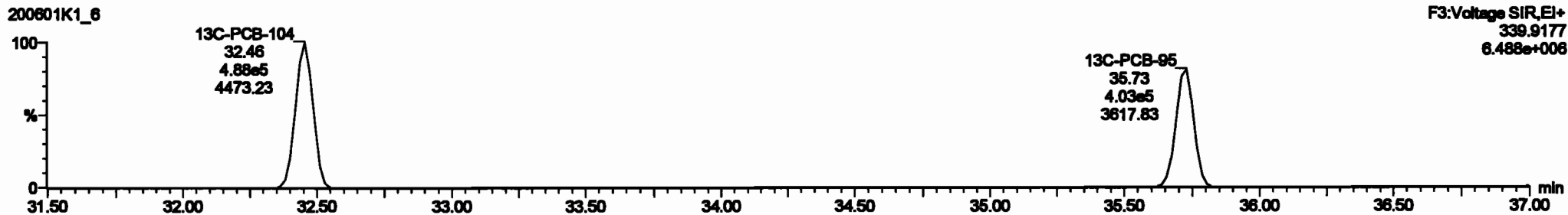


13C-PCB-95

200601K1\_6



200601K1\_6





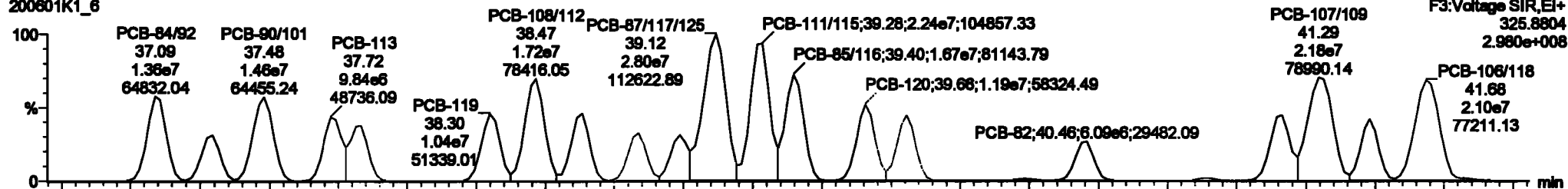
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

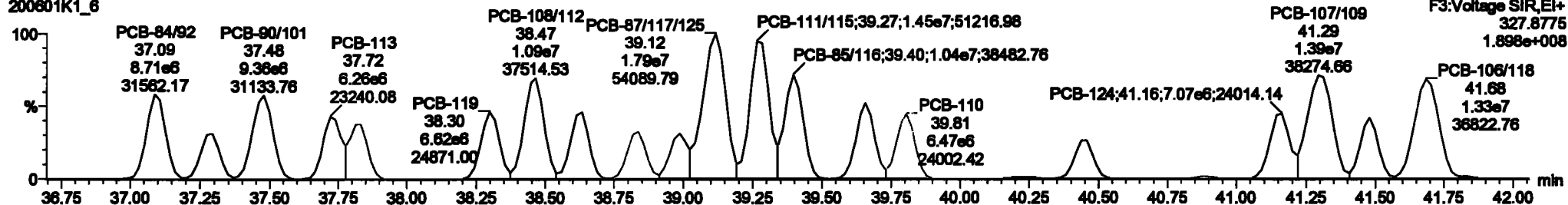
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PCB-119

200601K1\_6

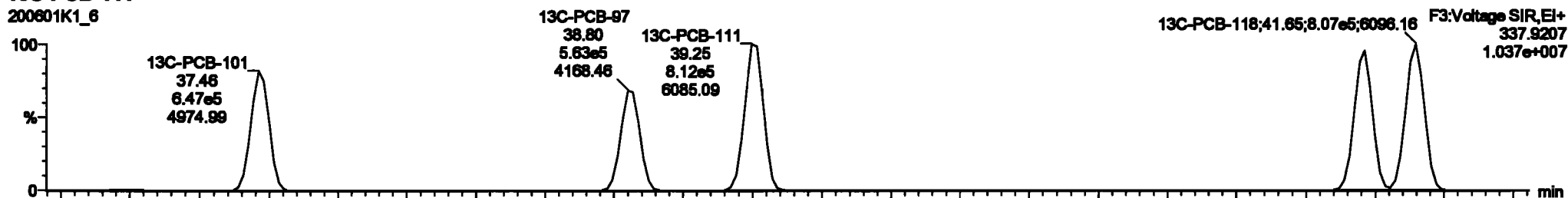


200601K1\_6

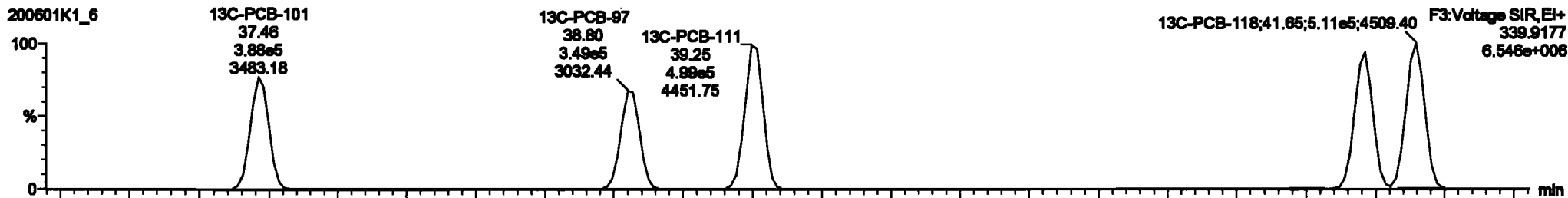


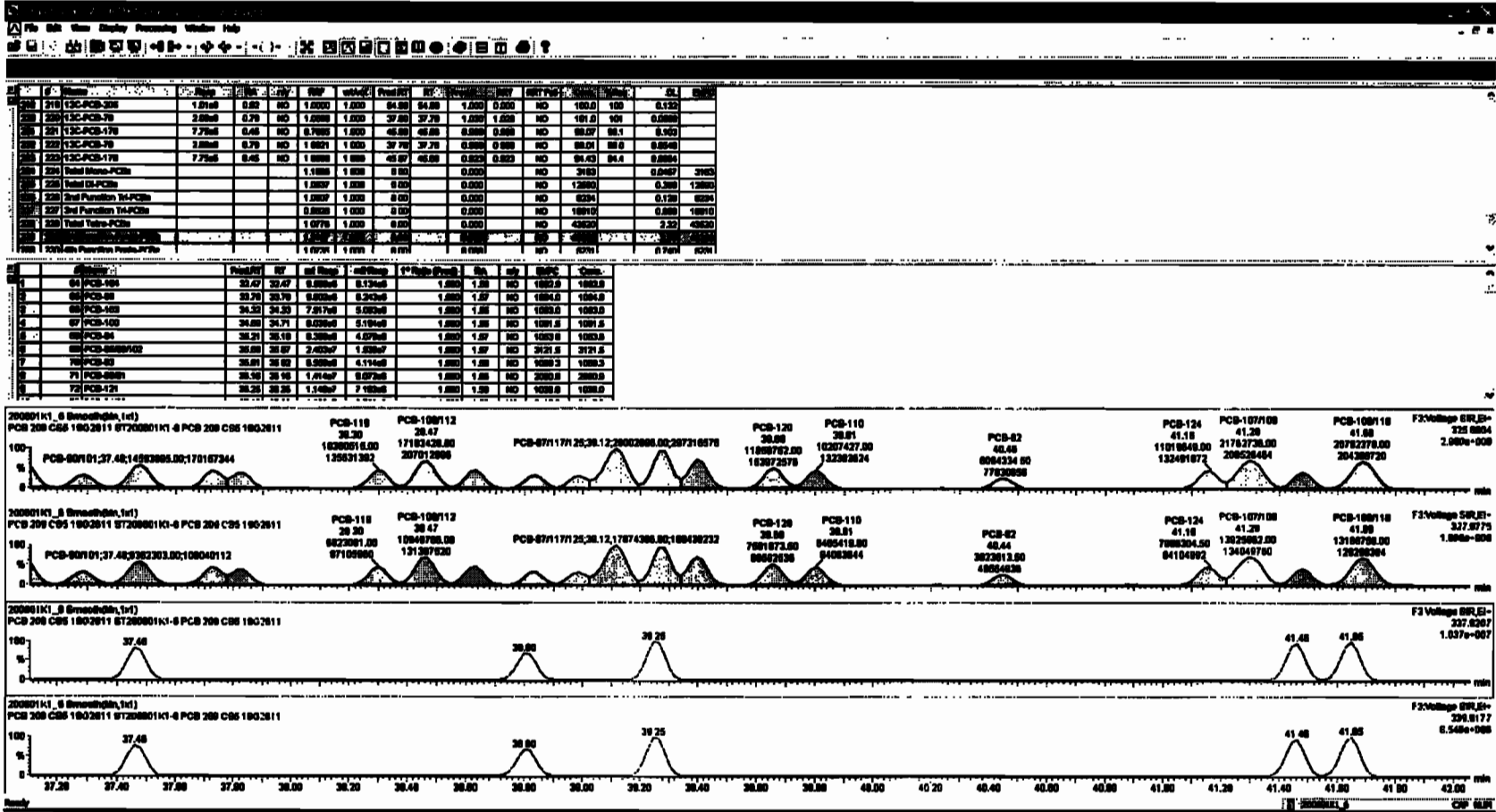
13C-PCB-111

200601K1\_6



200601K1\_6



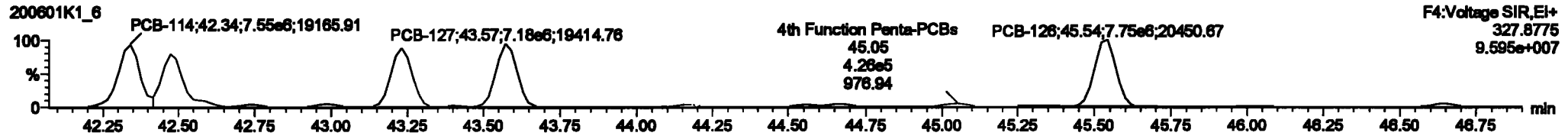
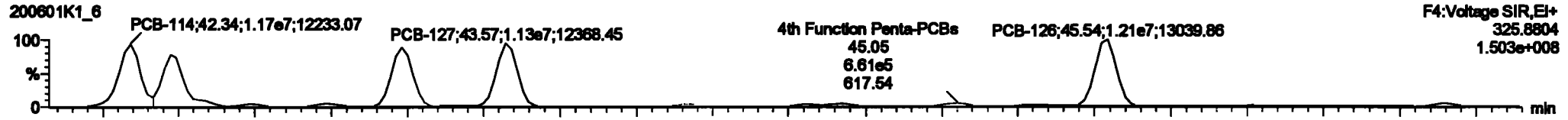


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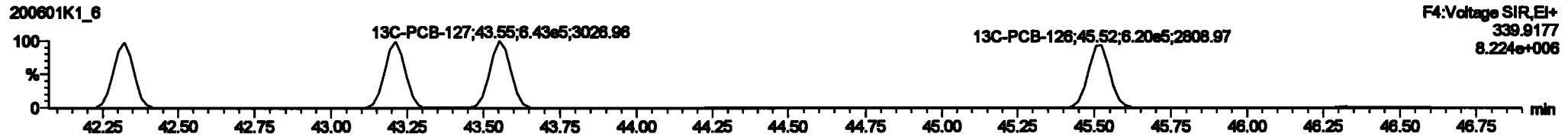
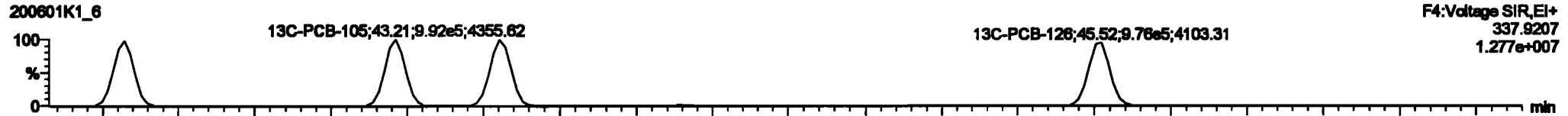
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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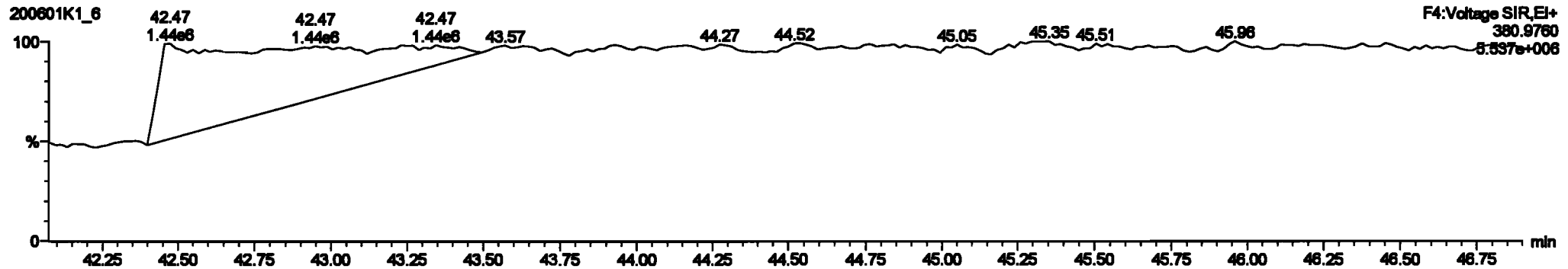
**PCB-114**

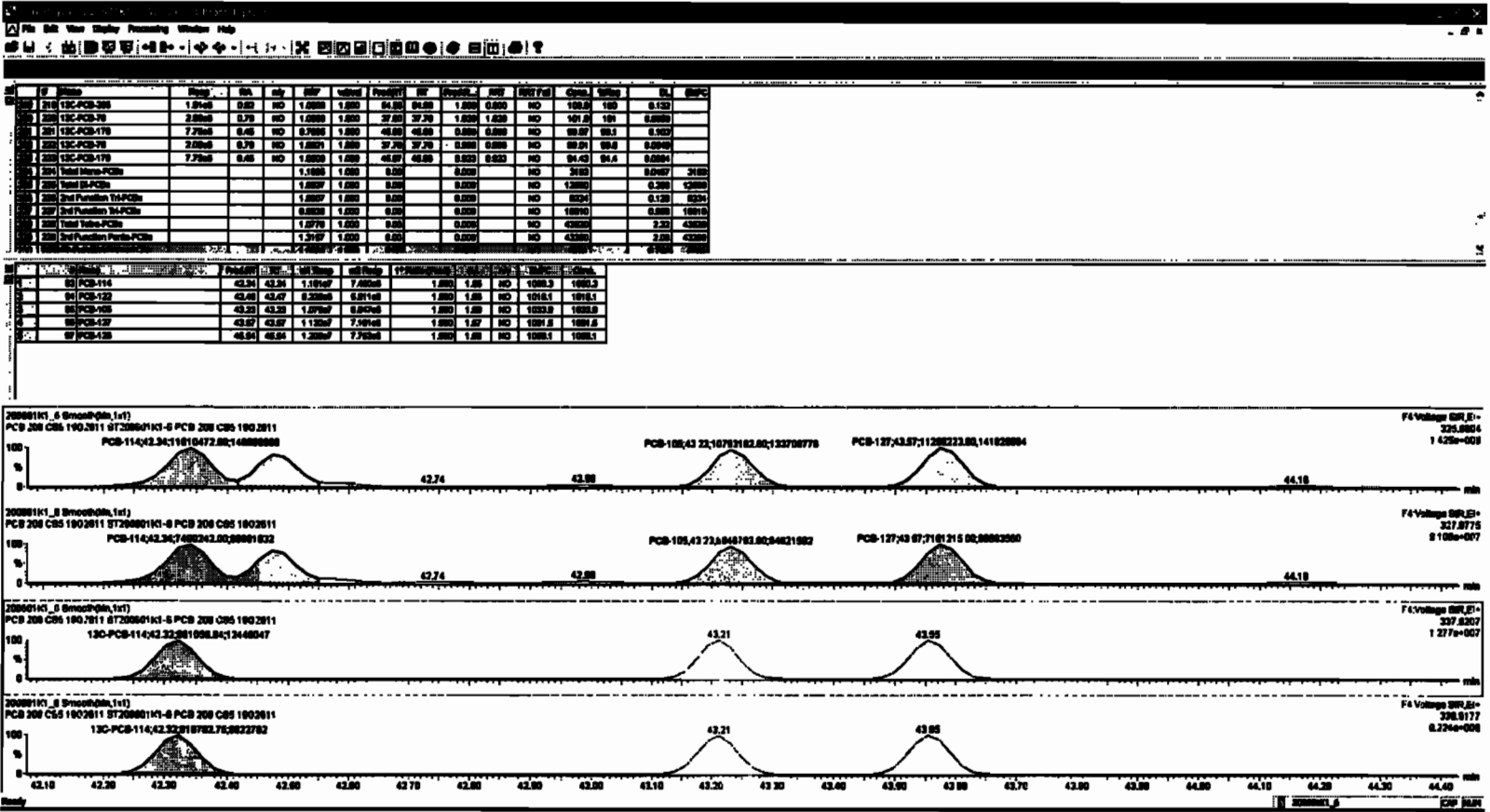


**13C-PCB-114**



**PFK4a**





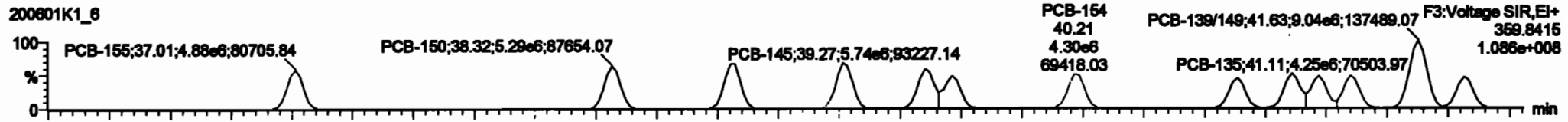
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

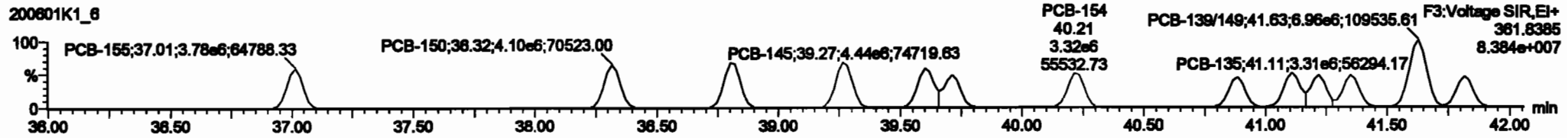
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

**PCB-155**

200601K1\_6

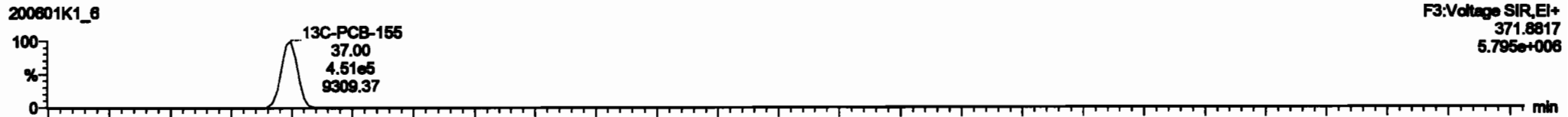


200601K1\_6

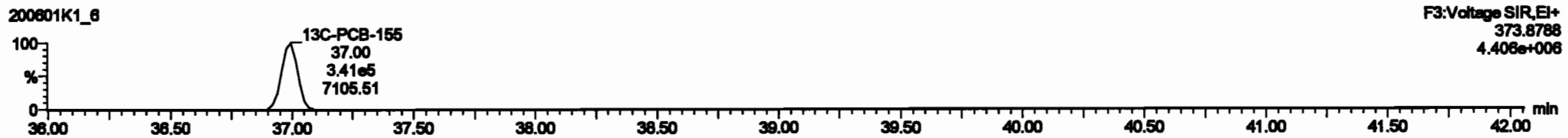


**13C-PCB-155**

200601K1\_6

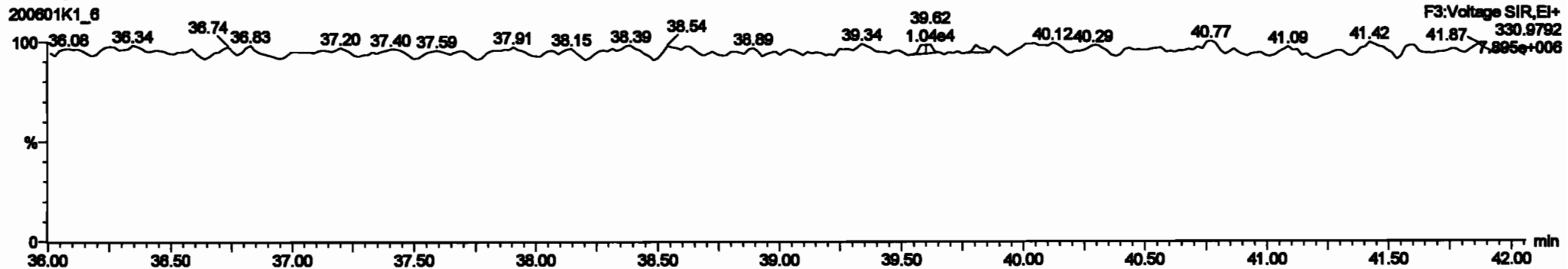


200601K1\_6



**PFK3c**

200601K1\_6



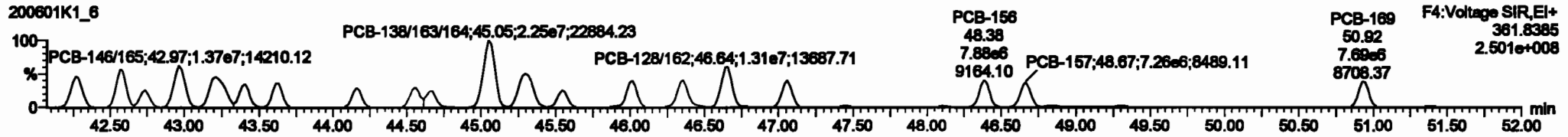
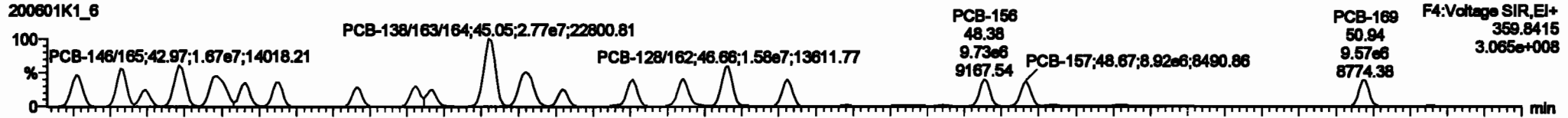


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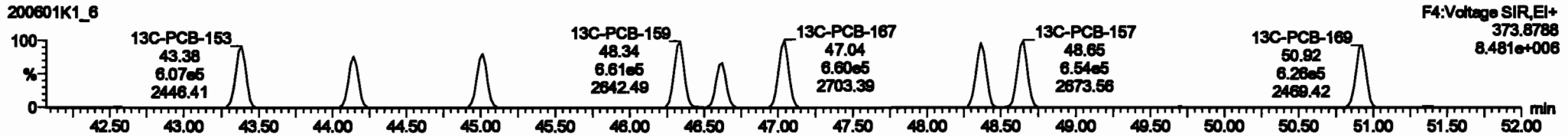
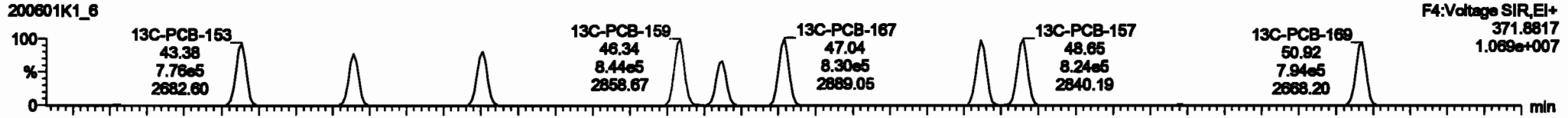
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

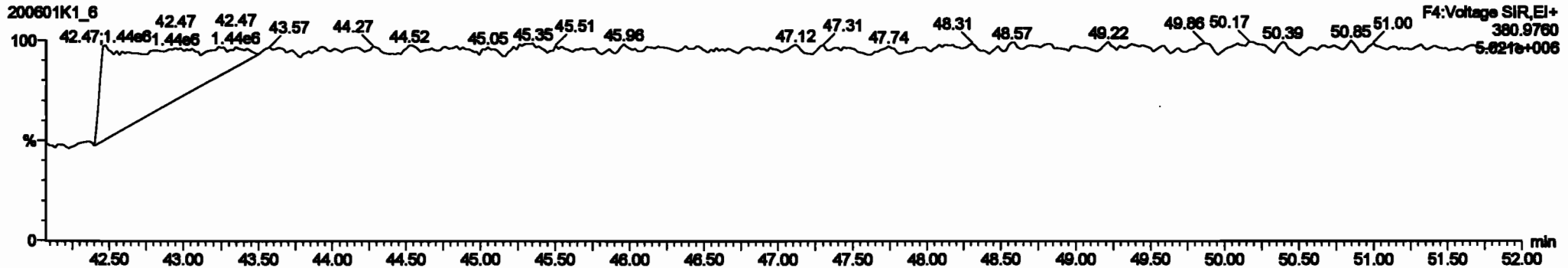
PCB-134/143



13C-PCB-153

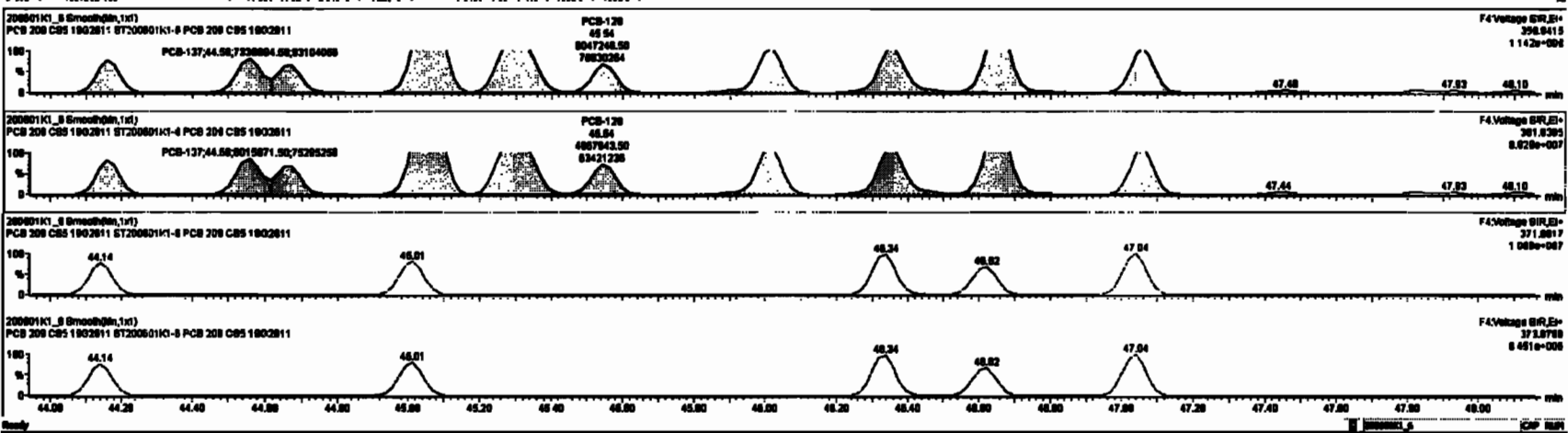


PFK4b



#	Step	RA	dy	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
281	2nd Function Home-PCBs	0.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
282	Total Home-PCBs	1.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
283	Total Home-PCBs	1.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
284	4th Function Outer-PCBs	1.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
285	Total Outer-PCBs	0.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
286	Total Home-PCBs	0.0000	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
287	Diagn-OS	0.0004	1.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
288	Total PCBs																	
289	Total Home-Subgroups																	
290	Total Di-Subgroups																	
291	2nd Function Tri-Subgroups																	
292	2nd Function Sub-Subgroups																	

#	Step	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
111	PCB-138-43	42.20	42.20	1.277e7	1.020e7	1.240	1.24	NO	2100.0	2100.0								
112	PCB-138-43	42.80	42.80	1.277e7	1.110e7	1.240	1.20	NO	2100.0	2100.0								
113	PCB-142	42.74	42.74	8.801e6	4.820e6	1.240	1.21	NO	1047.0	1047.0								
114	PCB-140-05	42.90	42.90	1.200e7	1.200e7	1.240	1.20	NO	2101.0	2101.0								
115	PCB-138-01	42.20	42.20	1.277e7	1.240e7	1.240	1.24	NO	2100.0	2100.0								
116	PCB-140	42.40	42.40	8.801e6	7.800e6	1.240	1.24	NO	1050.0	1050.0								
117	PCB-140	42.60	42.60	8.877e6	7.210e6	1.240	1.20	NO	1050.0	1050.0								
118	PCB-141	44.10	44.10	8.700e6	6.400e6	1.240	1.24	NO	1052.0	1052.0								
119	PCB-137	44.50	44.50	7.300e6	8.010e6	1.240	1.20	NO	1050.0	1050.0								





Dataset: Untitled

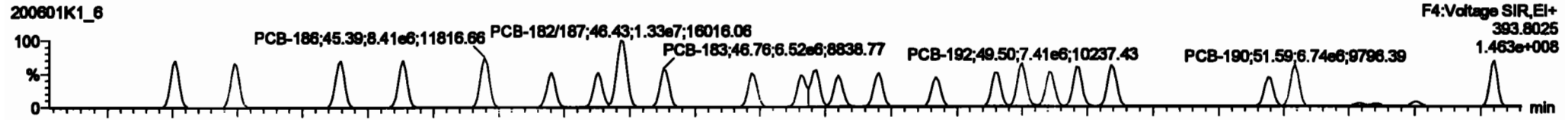
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

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

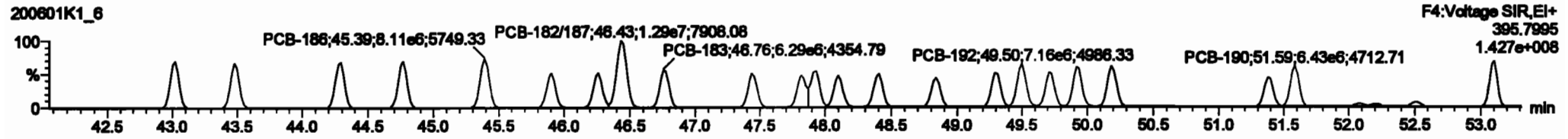
Name: 200601K1\_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2811, Description: PCB 209 CS5 19G2811

**PCB-188**

200601K1\_6

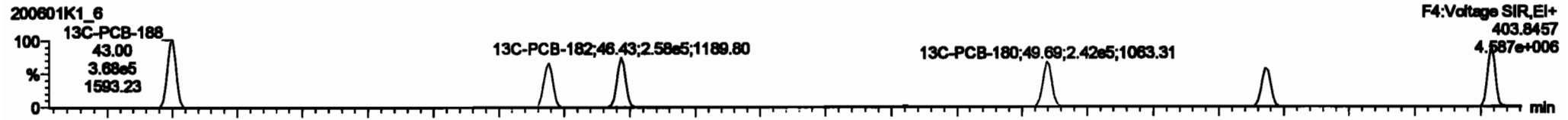


200601K1\_6

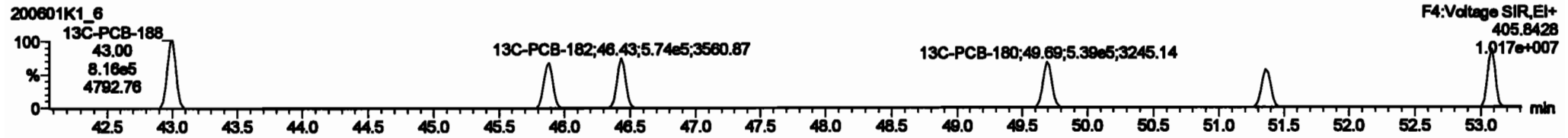


**13C-PCB-188**

200601K1\_6

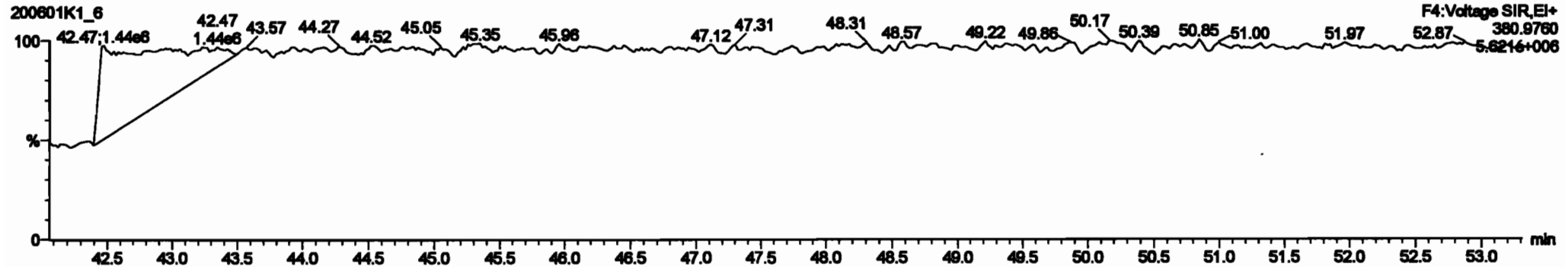


200601K1\_6



**PFK4c**

200601K1\_6



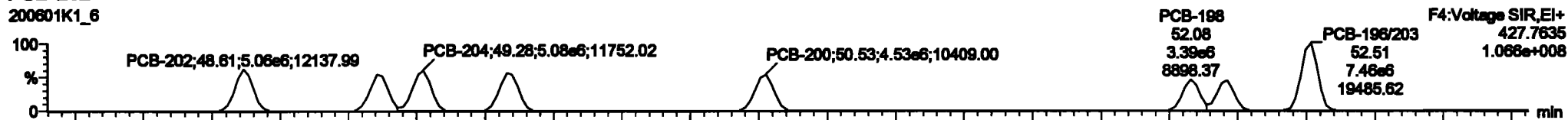
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

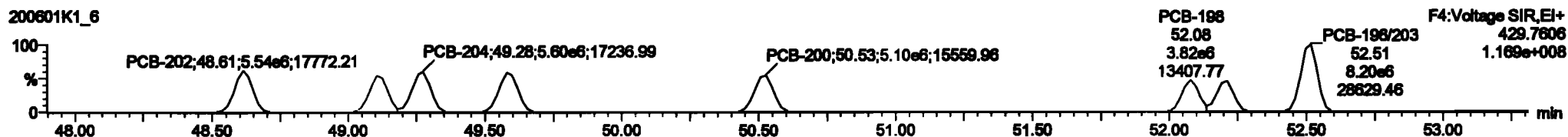
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**PCB-202**

200601K1\_6

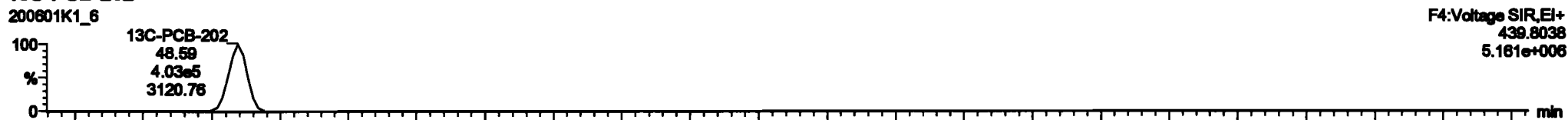


200601K1\_6

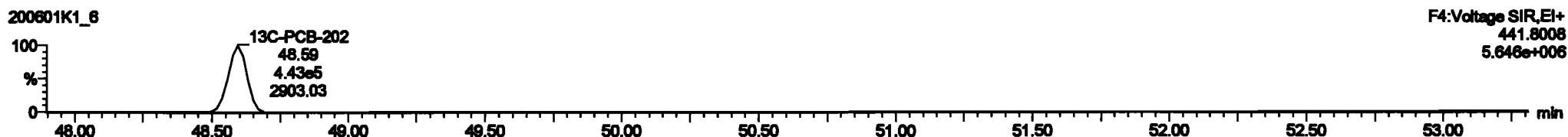


**13C-PCB-202**

200601K1\_6

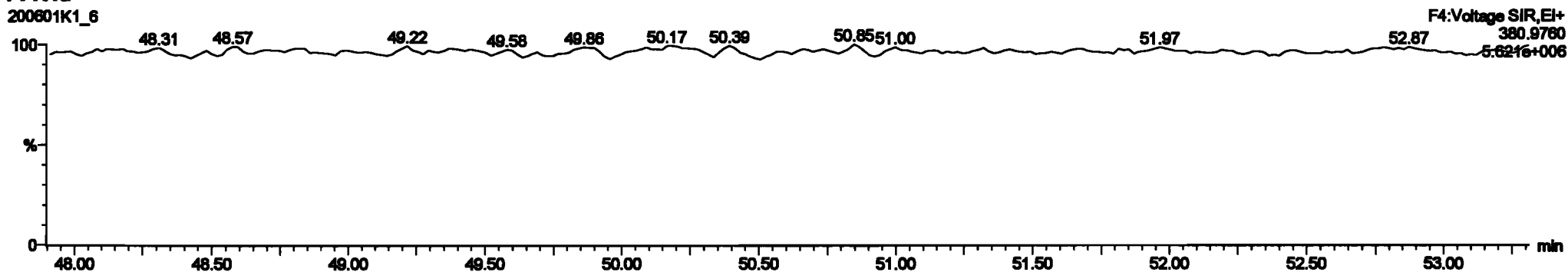


200601K1\_6



**PFK4d**

200601K1\_6



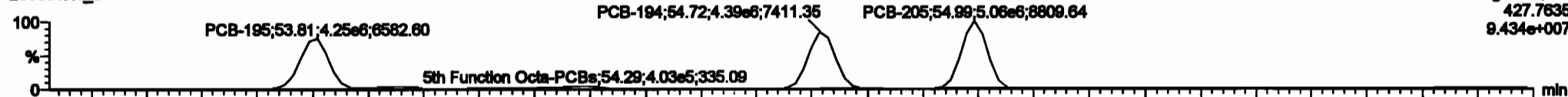
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

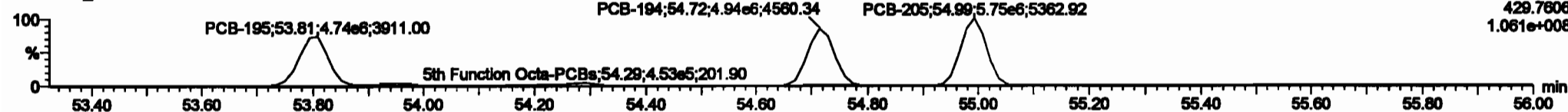
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PCB-195

200601K1\_6

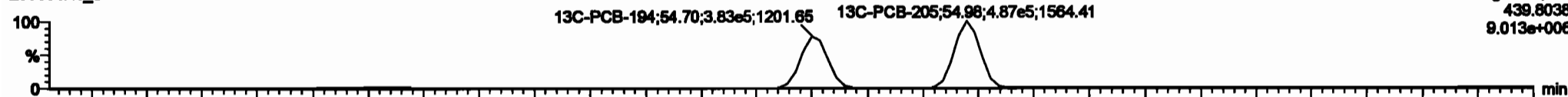


200601K1\_6

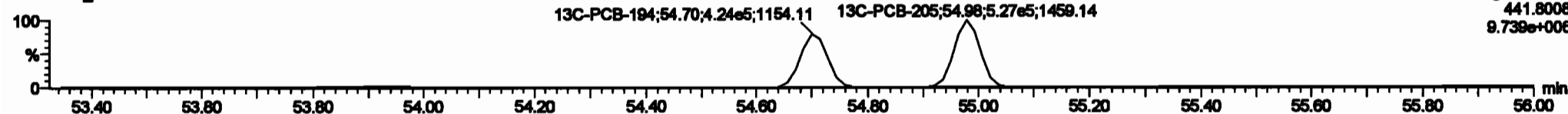


13C-PCB-194

200601K1\_6

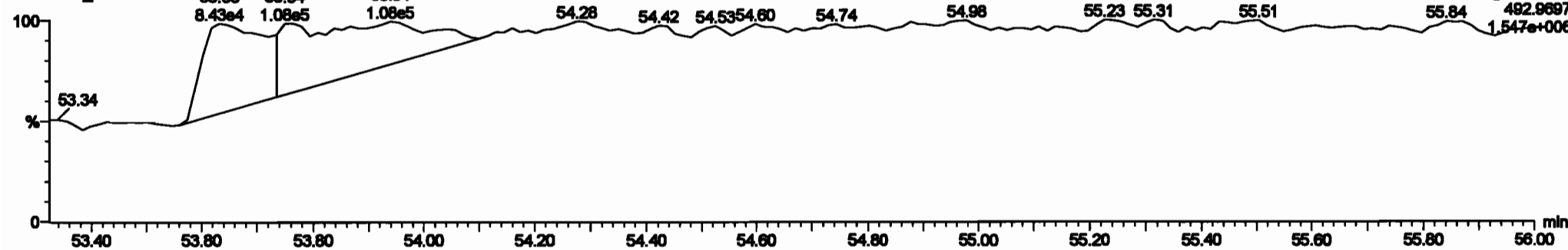


200601K1\_6



PFK5a

200601K1\_6



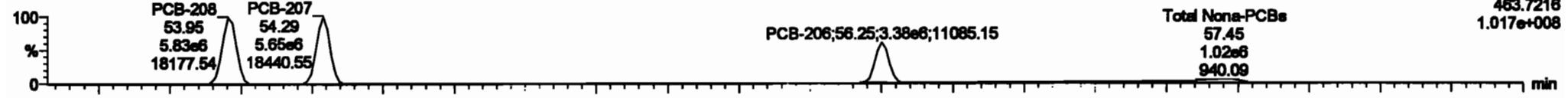
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

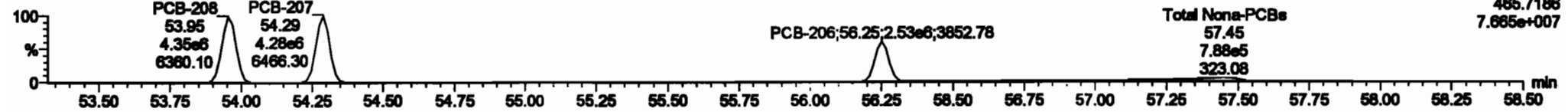
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**PCB-208**

200601K1\_6

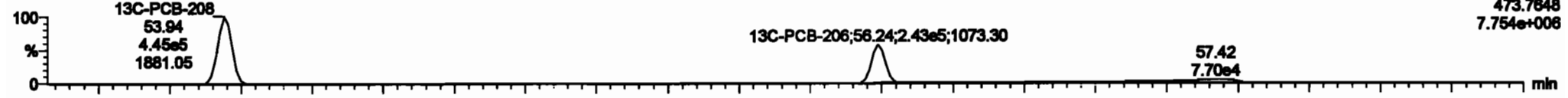


200601K1\_6

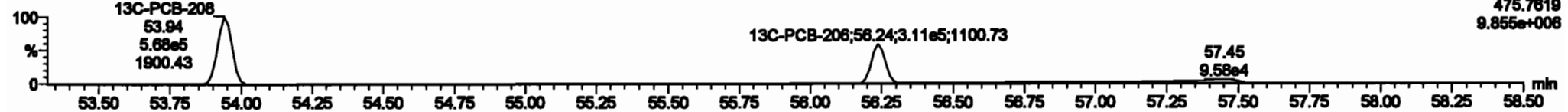


**13C-PCB-208**

200601K1\_6

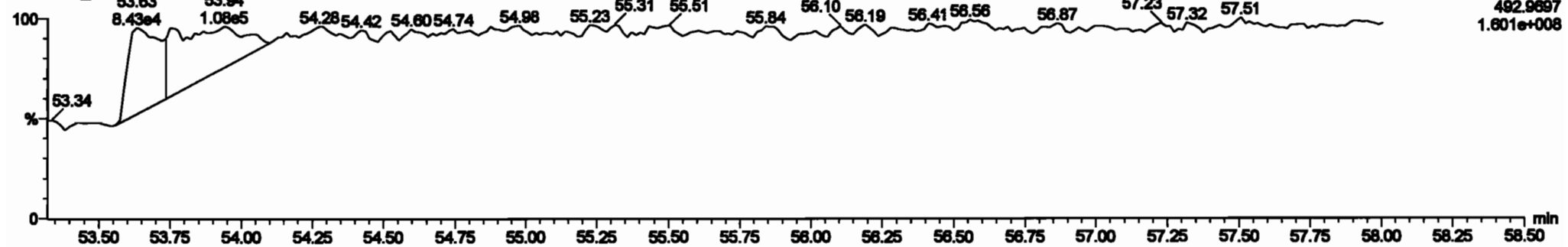


200601K1\_6



**PFK5**

200601K1\_6



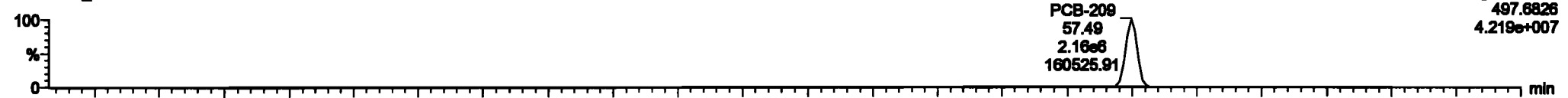
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

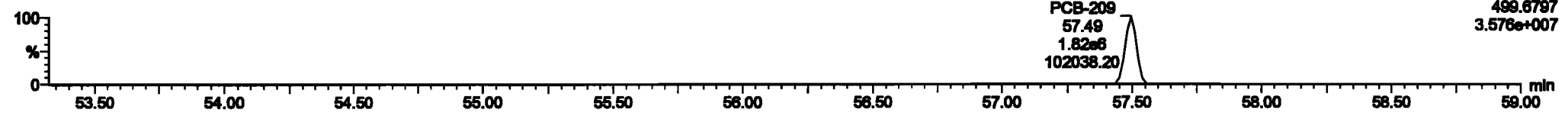
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**PCB-209**

200601K1\_6

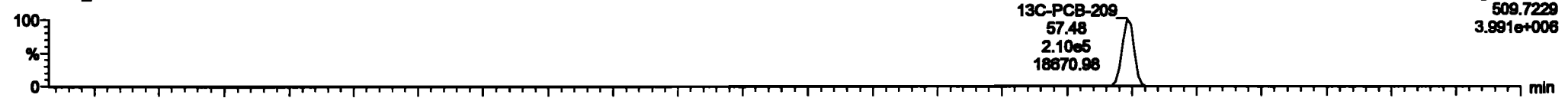


200601K1\_6

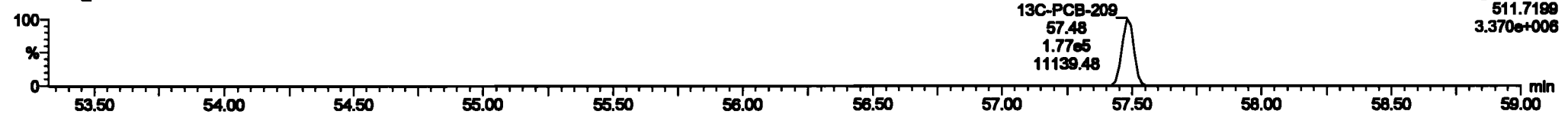


**13C-PCB-209**

200601K1\_6

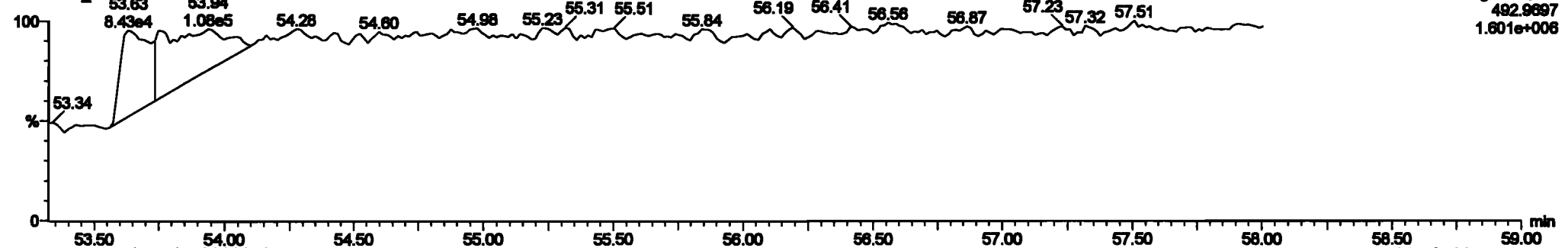


200601K1\_6



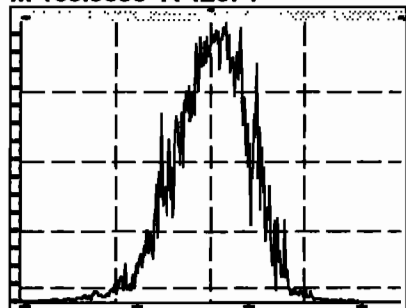
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200601K1\_6

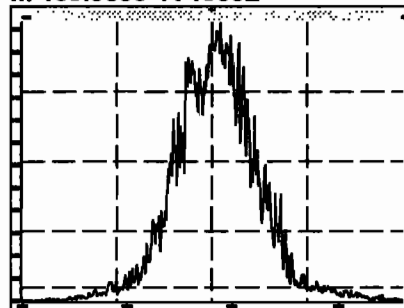


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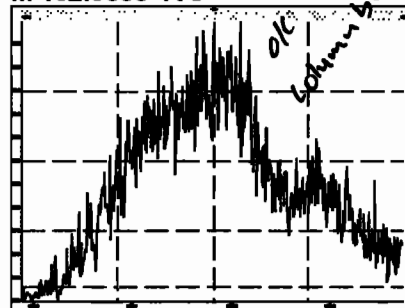
M 168.9888 R 12074



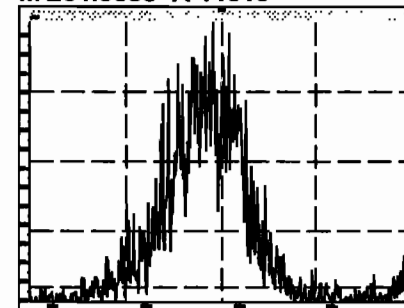
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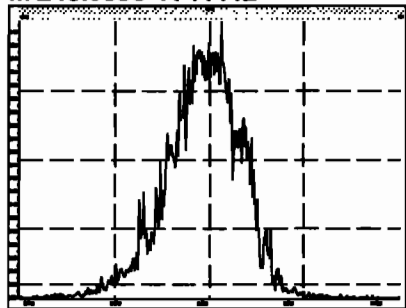
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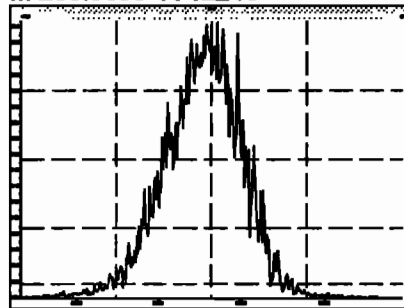
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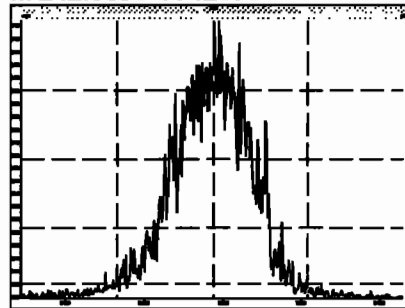
M 218.9856 R 11112



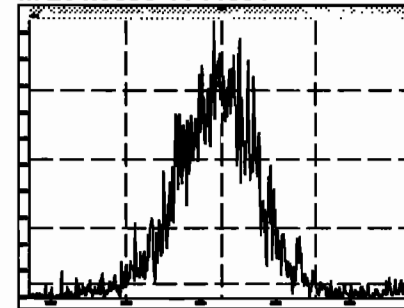
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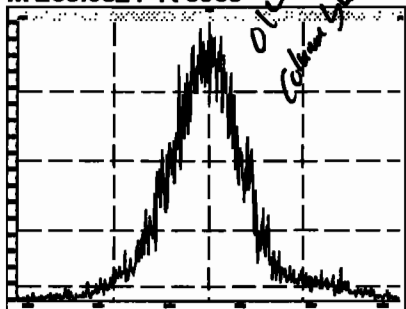
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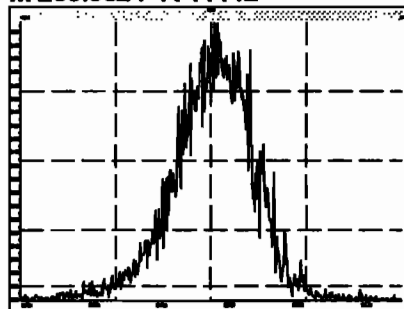
M 254.9856 R 11834



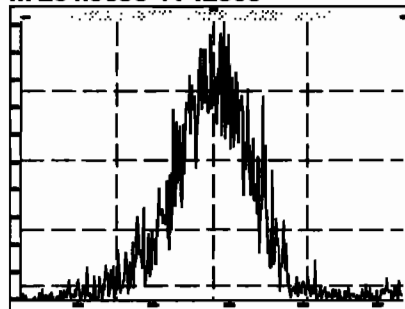
M 268.9824 R 9960



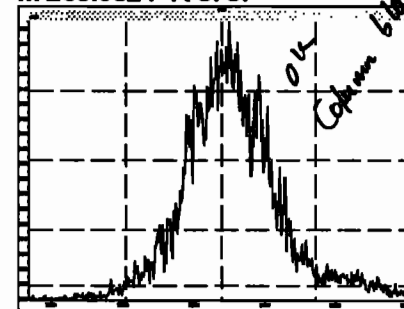
M 280.9824 R 11142



M 254.9856 R 12563

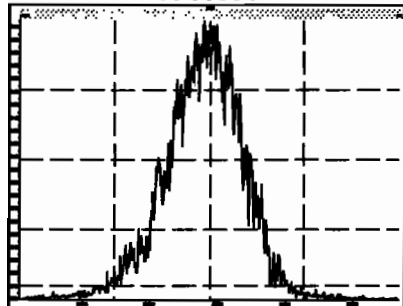


M 268.9824 R 8787

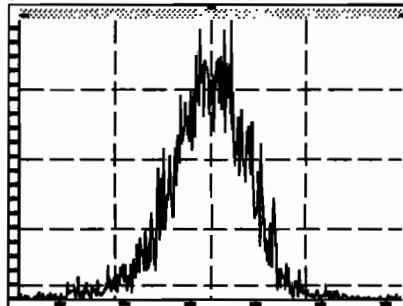


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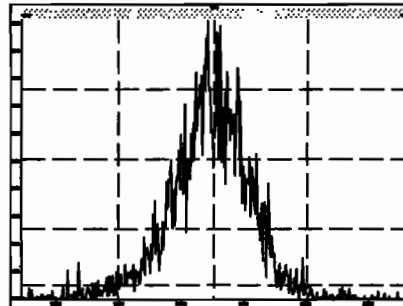
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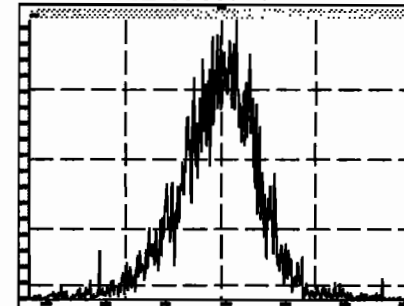
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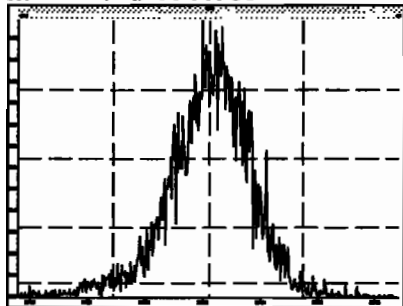
M 304.9824 R 11934



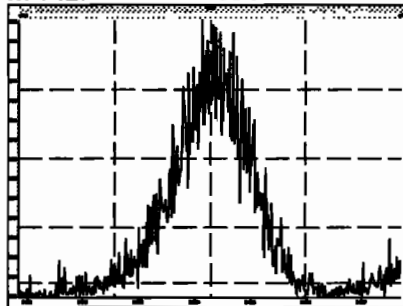
M 318.9792 R 11884



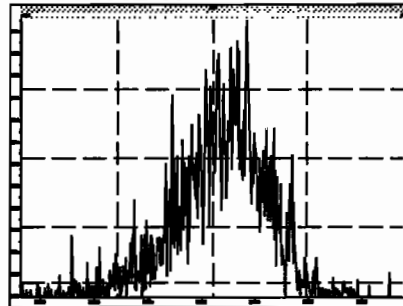
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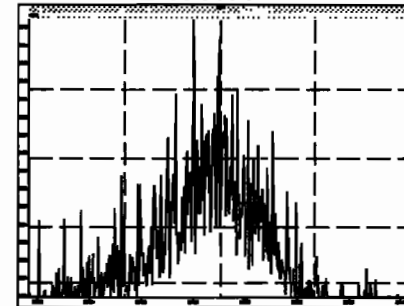
M 342.9792 R 11684



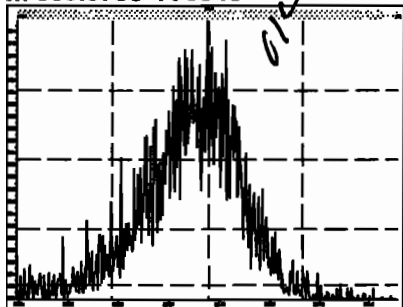
M 354.9792 R 12435



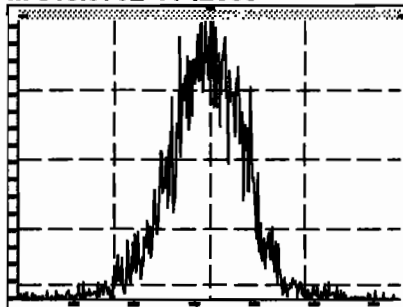
M 366.9792 R 14946



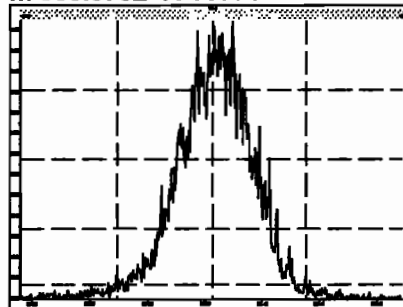
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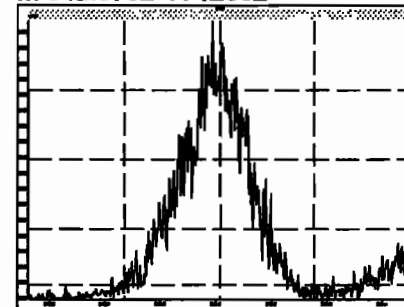
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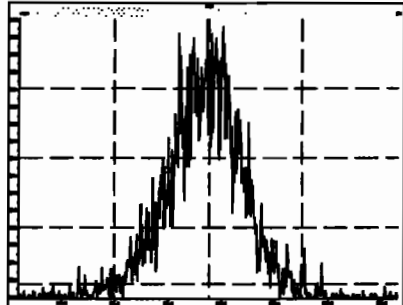
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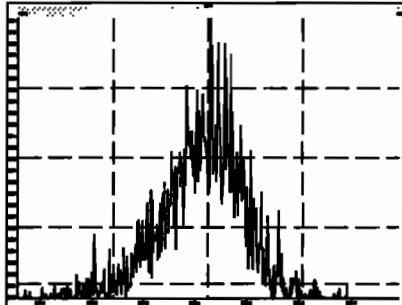
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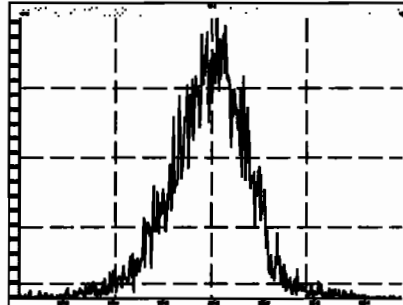
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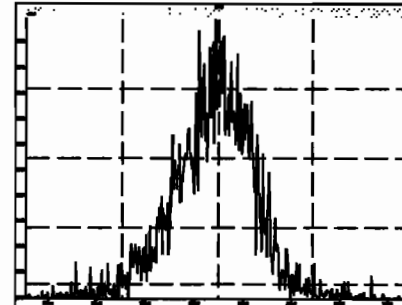
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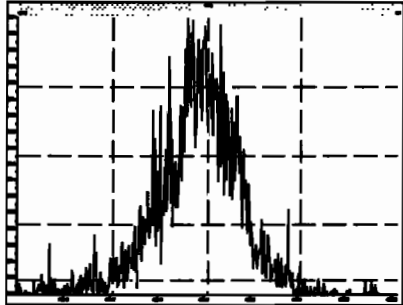
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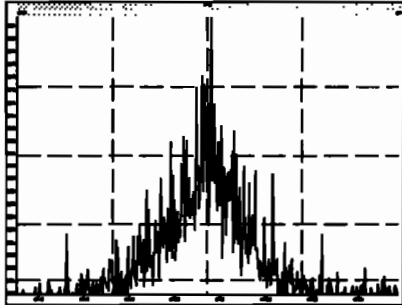
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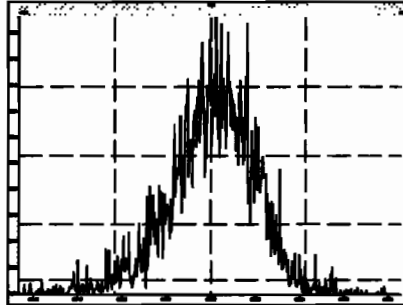
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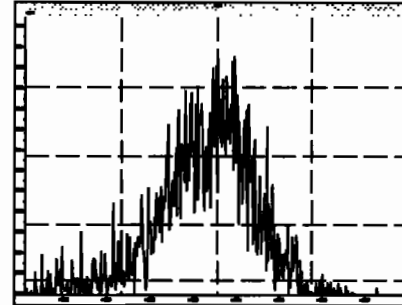
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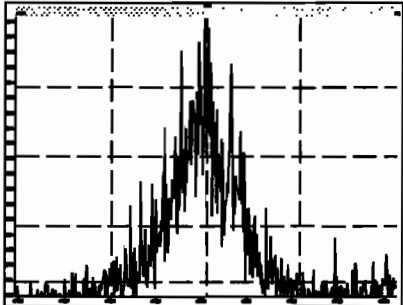
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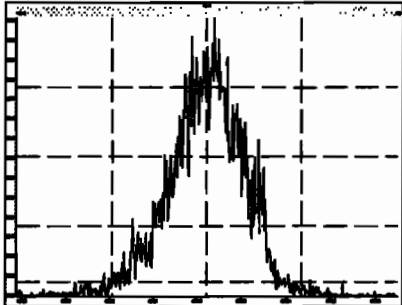
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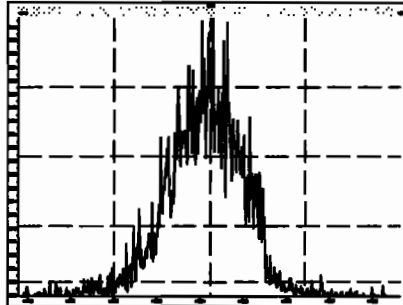
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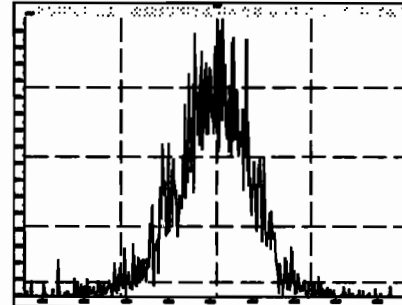
M 430.9728 R 12224



M 442.9728 R 13021



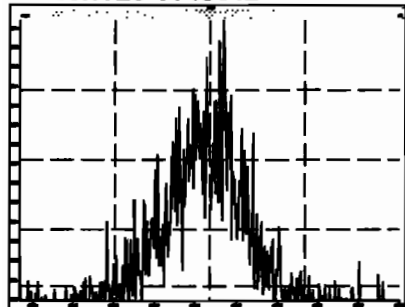
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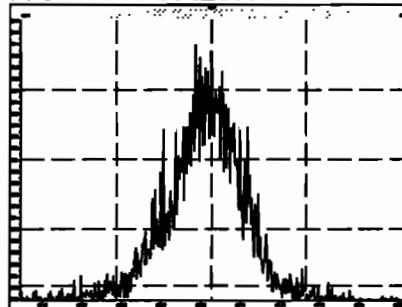


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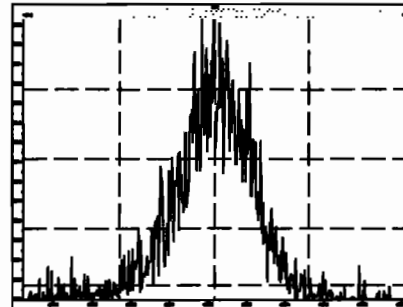
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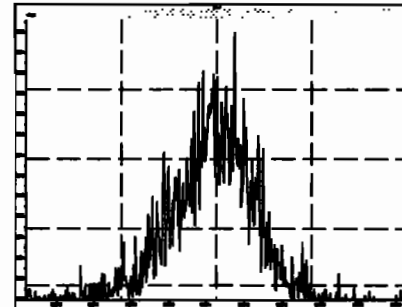
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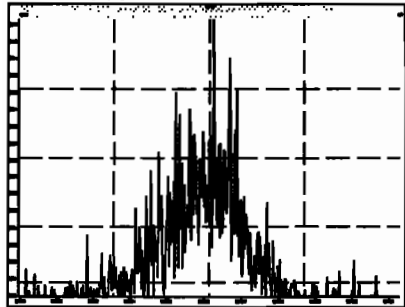
M 492.9696 R 13097



M 504.9696 R 12787



M 516.9697 R 19564



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Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time  
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

*h 5.2.200*

*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

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	FA	n/y	RPD	w/Std	Prod/RT	RT	Prod/IR	FRT	Check/FRT	Comp	IR Bar	DI	EMPC
33	33 PCB-50			NO	0.880	1.000	28.83		1.044		YES		35-65	0.0265	
34	34 PCB-53			NO	0.997	1.000	29.50		0.944		YES			0.0295	
35	35 PCB-51			NO	1.07	1.000	29.85		0.955		YES			0.0276	
36	36 PCB-45			NO	0.858	1.000	30.30		0.989		YES			0.0342	
37	37 PCB-46			NO	0.831	1.000	30.80		0.985		YES			0.0354	
38	38 PCB-52/69	6.95e5	0.76	NO	1.17	1.000	31.30	31.28	1.001	1.001	NO	46.22		0.0252	46.22
39	39 PCB-73			NO	1.44	1.000	31.41		1.005		YES			0.0204	
40	40 PCB-43/49	6.32e5	0.79	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	48.32		0.0289	48.32
41	41 PCB-47			NO	0.922	1.000	31.80		1.001		YES			0.0299	
42	42 PCB-48/75			NO	1.12	1.000	31.92		1.004		YES			0.0246	
43	43 PCB-65			NO	1.28	1.000	32.19		1.013		YES			0.0215	
44	44 PCB-62			NO	1.13	1.000	32.29		1.016		YES			0.0244	
45	45 PCB-44	5.42e5	0.76	NO	0.824	1.000	32.62	32.62	1.026	1.028	NO	47.17		0.0334	47.17
46	46 PCB-42/59			NO	1.05	1.000	32.85		1.033		YES			0.0262	
47	47 PCB-41/64/71/72			NO	1.19	1.000	33.47		1.053		YES			0.0232	
48	48 PCB-68			NO	1.28	1.000	33.72		1.061		YES			0.0215	
49	49 PCB-40			NO	0.602	1.000	33.95		1.068		YES			0.0457	
50	50 PCB-57	8.11e5	0.77	NO	1.16	1.000	34.32	34.32	0.989	0.969	NO	43.84		0.0211	43.84
51	51 PCB-67			NO	1.08	1.000	34.63		0.978		YES			0.0226	
52	52 PCB-58			NO	1.20	1.000	34.74		0.981		YES			0.0204	
53	53 PCB-63			NO	1.07	1.000	34.91		0.986		YES			0.0229	
54	54 PCB-74	8.49e5	0.79	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	45.03		0.0207	45.03
55	55 PCB-61/70	8.69e5	0.77	NO	1.05	1.000	35.43	35.43	1.000	1.001	NO	51.83		0.0233	51.83
56	56 PCB-76/66	8.24e5	0.78	NO	1.16	1.000	35.62	35.66	1.006	1.007	NO	44.47		0.0211	44.47
57	57 PCB-80			NO	1.19	1.000	35.86		1.001		YES			0.0204	
58	58 PCB-55			NO	1.17	1.000	36.20		1.010		YES			0.0207	
59	59 PCB-56/60			NO	1.02	1.000	36.70		1.024		YES			0.0238	
60	60 PCB-79	8.18e5	0.79	NO	1.14	1.000	37.80	37.81	1.055	1.055	NO	44.49		0.0213	44.49
61	61 PCB-78	7.39e5	0.78	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	42.34		0.0232	42.34
62	62 PCB-81	8.37e5	0.77	NO	1.05	1.000	39.06	39.08	1.000	1.000	NO	52.15		0.0252	52.15
63	63 PCB-77	7.93e5	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	48.37		0.0237	46.37
64	64 PCB-104	6.77e5	1.57	NO	1.12	1.000	32.47	32.47	1.001	1.001	NO	54.51		0.0255	54.51
65	65 PCB-96			NO	1.15	1.000	33.78		1.041		YES			0.0248	
66	66 PCB-103			NO	0.936	1.000	34.32		1.058		YES			0.0305	
67	67 PCB-100			NO	0.954	1.000	34.69		1.089		YES			0.0300	
68	68 PCB-94			NO	0.949	1.000	35.21		0.985		YES			0.0390	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	NY	RPF	Wt/Fac	Prod.RT	RT	Prod.LI	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	4.83e5	1.58	NO	1.20	1.000	35.69	35.75	0.999	1.001	NO	46.51	46.5	0.0307	46.51
70	70 PCB-93			NO	0.935	1.000	35.81		1.002		YES			0.0396	
71	71 PCB-88/91			NO	1.06	1.000	36.16		1.012		YES			0.0347	
72	72 PCB-121			NO	1.71	1.000	36.25		1.015		YES			0.0218	
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	48.69	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	46.43	1.080	1.080	NO	45.61		0.0635	45.61
139	1... PCB-183			NO	1.02	1.000	46.76		1.088		YES			0.0662	
140	1... PCB-185			NO	1.41	1.000	47.44		0.955		YES			0.0779	

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#	Name	Resp	FA	rv	RRF	u/ucl	PreclRT	RT	PreclLR	RRT	Check RRT	Comp	NDeg	DI	EMPC
141	1... PCB-174	4.07e5	1.04	NO	1.35	1.000	47.82	47.82	0.962	0.962	NO	48.49	75-65	0.0809	48.49
142	1... PCB-181			NO	1.47	1.000	47.91		0.964		YES			0.0743	
143	1... PCB-177			NO	1.28	1.000	48.10		0.968		YES			0.0857	
144	1... PCB-171			NO	1.32	1.000	48.38		0.974		YES			0.0832	
145	1... PCB-173			NO	1.19	1.000	48.84		0.963		YES			0.0921	
146	1... PCB-172			NO	1.38	1.000	49.29		0.992		YES			0.0797	
147	1... PCB-192			NO	1.83	1.000	49.48		0.996		YES			0.0800	
148	1... PCB-180	4.72e5	1.03	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.98		0.0776	53.98
149	1... PCB-193			NO	1.68	1.000	49.92		1.005		YES			0.0653	
150	1... PCB-191			NO	1.71	1.000	50.18		1.010		YES			0.0641	
151	1... PCB-170	3.70e5	1.03	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	49.87		0.0889	49.87
152	1... PCB-190			NO	1.85	1.000	51.56		1.004		YES			0.0673	
153	1... PCB-189	4.84e5	1.02	NO	1.45	1.000	53.10	53.10	1.000	1.000	NO	48.57		0.0563	48.57
154	1... PCB-202	4.00e5	0.90	NO	1.17	1.000	48.63	48.61	1.001	1.000	NO	48.62		0.0325	48.62
155	1... PCB-201			NO	1.05	1.000	49.10		1.010		YES			0.0361	
156	1... PCB-204			NO	1.14	1.000	49.26		1.014		YES			0.0333	
157	1... PCB-197			NO	1.13	1.000	49.58		1.020		YES			0.0335	
158	1... PCB-200	3.56e5	0.90	NO	1.07	1.000	50.51	50.53	1.039	1.040	NO	47.30		0.0355	47.30
159	1... PCB-198			NO	0.794	1.000	52.08		1.072		YES			0.0478	
160	1... PCB-199			NO	0.809	1.000	52.19		1.074		YES			0.0469	
161	1... PCB-196/203	2.68e5	0.89	NO	0.838	1.000	52.52	52.51	1.081	1.081	NO	45.47		0.0453	45.47
162	1... PCB-195	3.17e5	0.91	NO	1.04	1.000	53.80	53.81	0.964	0.984	NO	50.09		0.113	50.09
163	1... PCB-194	3.10e5	0.87	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	45.83		0.106	45.83
164	1... PCB-205	3.70e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	47.35		0.0916	47.35
165	1... PCB-208	3.79e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	49.81		0.0505	49.81
166	1... PCB-207			NO	0.916	1.000	54.27		1.006		YES			0.0515	
167	1... PCB-206	2.04e5	1.31	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	47.01		0.0860	47.01
168	1... PCB-209	1.50e5	1.19	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18		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	

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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	WY	RFP	w/w	Prod RT	RT	Prod LR	RRT	Check RRT	Comp	%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	1.081	1.061	NO	97.34	97.3	0.0393	
191	1... 13C-PCB-114	1.25e6	1.55	NO	1.55	1.000	42.32	42.32	0.908	0.908	NO	94.22	94.2	0.0809	
192	1... 13C-PCB-105	1.28e6	1.56	NO	1.57	1.000	43.21	43.21	0.927	0.927	NO	95.20	95.2	0.0796	
193	1... 13C-PCB-127	1.30e6	1.56	NO	1.62	1.000	43.56	43.55	0.934	0.934	NO	93.64	93.6	0.0770	
194	1... 13C-PCB-126	1.25e6	1.58	NO	1.57	1.000	45.53	45.52	0.976	0.976	NO	93.40	93.4	0.0798	
195	1... 13C-PCB-155	6.87e5	1.29	NO	0.615	1.000	37.00	37.00	0.942	0.942	NO	103.6	104	0.0326	
196	1... 13C-PCB-153	1.15e6	1.24	NO	1.36	1.000	43.37	43.38	0.930	0.931	NO	98.32	98.3	0.0878	
197	1... 13C-PCB-141	9.61e5	1.27	NO	1.13	1.000	44.14	44.14	0.947	0.947	NO	99.66	99.7	0.106	
198	1... 13C-PCB-138	9.99e5	1.26	NO	1.18	1.000	45.01	45.01	0.985	0.985	NO	96.63	96.6	0.101	
199	1... 13C-PCB-159	1.21e6	1.26	NO	1.44	1.000	46.33	46.34	0.994	0.994	NO	98.13	98.1	0.0832	
200	2... 13C-PCB-167	1.20e6	1.28	NO	1.44	1.000	47.04	47.04	1.009	1.009	NO	97.25	97.3	0.0832	
201	2... 13C-PCB-156	1.14e6	1.27	NO	1.40	1.000	46.39	46.37	1.038	1.037	NO	95.71	95.7	0.0858	
202	2... 13C-PCB-157	1.14e6	1.27	NO	1.40	1.000	46.65	46.65	1.043	1.043	NO	95.86	95.9	0.0858	
203	2... 13C-PCB-169	1.08e6	1.26	NO	1.33	1.000	50.93	50.92	1.092	1.092	NO	95.29	95.3	0.0900	
204	2... 13C-PCB-188	9.50e5	0.45	NO	1.41	1.000	42.99	43.00	0.926	0.926	NO	100.3	100	0.0865	
205	2... 13C-PCB-180	6.20e5	0.44	NO	0.929	1.000	49.69	49.69	1.070	1.070	NO	99.28	99.3	0.131	
206	2... 13C-PCB-170	5.29e5	0.46	NO	0.794	1.000	51.36	51.38	1.106	1.106	NO	99.16	99.2	0.153	
207	2... 13C-PCB-189	6.86e5	0.46	NO	1.04	1.000	53.06	53.08	1.143	1.143	NO	97.68	97.7	0.117	
208	2... 13C-PCB-202	7.04e5	0.93	NO	1.04	1.000	48.59	48.59	1.046	1.047	NO	101.1	101	0.0796	
209	2... 13C-PCB-194	6.06e5	0.91	NO	0.768	1.000	54.72	54.70	0.995	0.995	NO	99.49	99.5	0.195	
210	2... 13C-PCB-208	6.16e5	0.77	NO	0.991	1.000	53.94	53.94	0.981	0.981	NO	103.8	104	0.137	
211	2... 13C-PCB-206	4.31e5	0.78	NO	0.552	1.000	56.24	56.24	1.023	1.023	NO	98.29	98.3	0.246	
212	2... 13C-PCB-209	2.91e5	1.17	NO	0.396	1.000	57.49	57.48	1.046	1.046	NO	92.65	92.6	0.0202	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	Hy	RFP	wAve	Prod RT	RT	Prod R...	RRT	Check RRT	Comp	%Rec	DL	EMPO
213	2... 13C-PCB-15	2.43e6	1.56	NO	1.00	1.000	25.53	25.53	1.000	0.000	NO	100.0	100	0.0175	
214	2... 13C-PCB-31	1.96e6	1.05	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.286	
215	2... 13C-PCB-60	1.59e6	0.78	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0658	
216	2... 13C-PCB-111	1.08e6	1.65	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0388	
217	2... 13C-PCB-128	8.55e5	1.27	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.120	
218	2... 13C-PCB-182	6.72e5	0.47	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	2... 13C-PCB-205	7.94e5	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.149	
220	2... 13C-PCB-79	1.70e6	0.78	NO	1.07	1.000	37.60	37.78	1.030	1.029	NO	100.0	100	0.0616	
221	2... 13C-PCB-178	6.89e5	0.44	NO	0.766	1.000	45.89	45.88	0.988	0.988	NO	105.2	105	0.128	
222	2... 13C-PCB-79	1.70e6	0.78	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	102.7	103	0.0641	
223	2... 13C-PCB-178	6.89e5	0.44	NO	1.05	1.000	45.87	45.88	0.923	0.923	NO	105.8	106	0.131	

7-1201  
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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\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

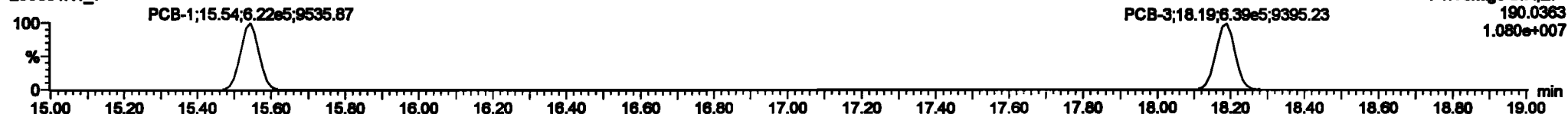
**PCB-1**

200601K1\_7



F1:Voltage SIR,EI+  
188.0393  
3.334e+007

200601K1\_7



F1:Voltage SIR,EI+  
190.0363  
1.080e+007

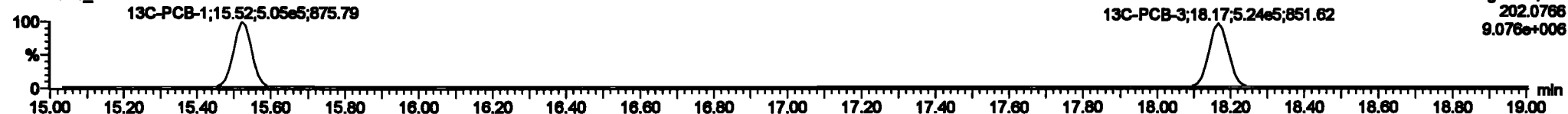
**13C-PCB-1**

200601K1\_7



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200.0795  
2.937e+007

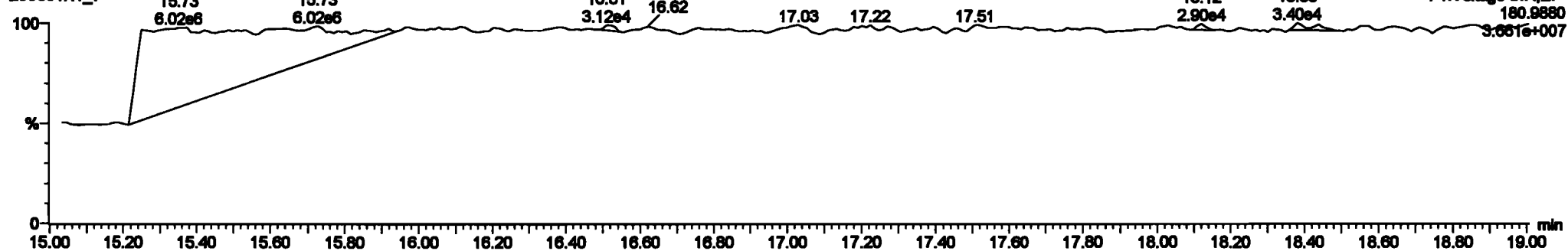
200601K1\_7



F1:Voltage SIR,EI+  
202.0766  
9.076e+006

**PFK1**

200601K1\_7



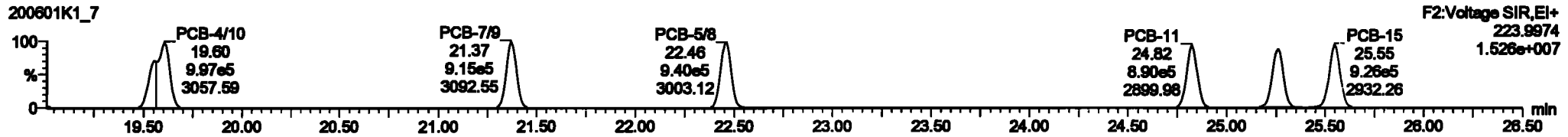
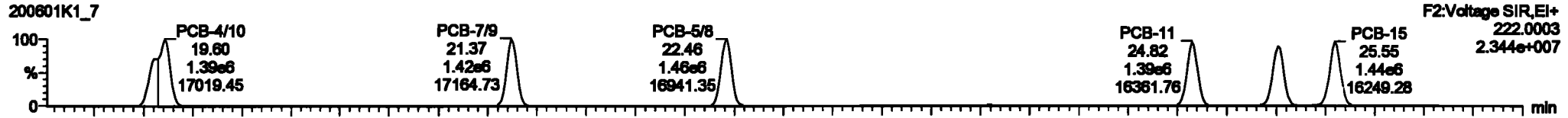
F1:Voltage SIR,EI+  
180.9880  
3.661e+007

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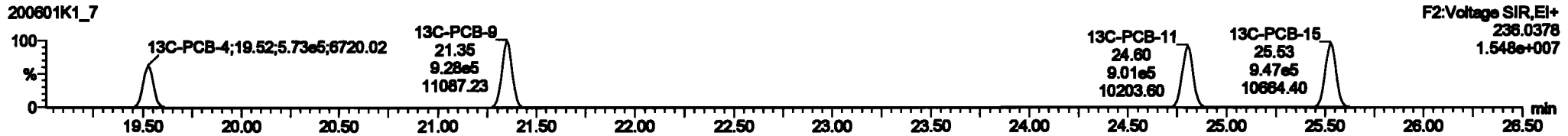
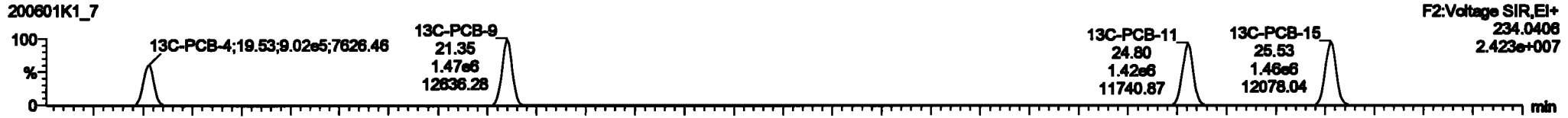
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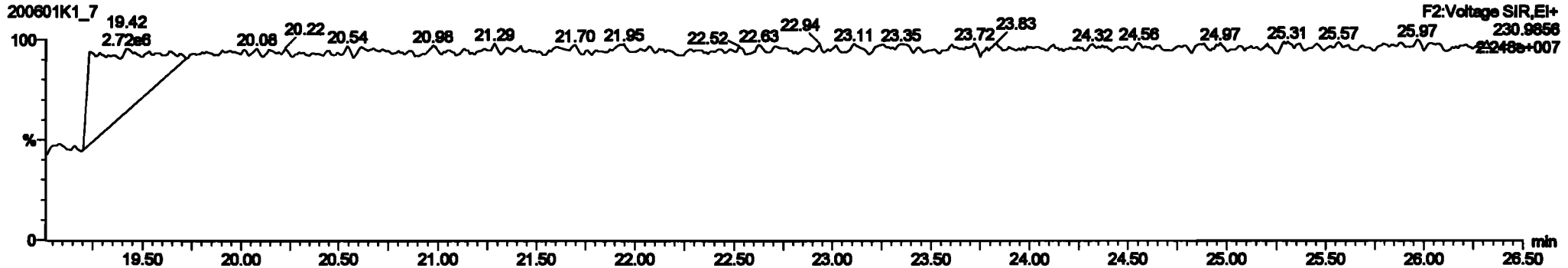
**PCB-4/10**



**13C-PCB-4**

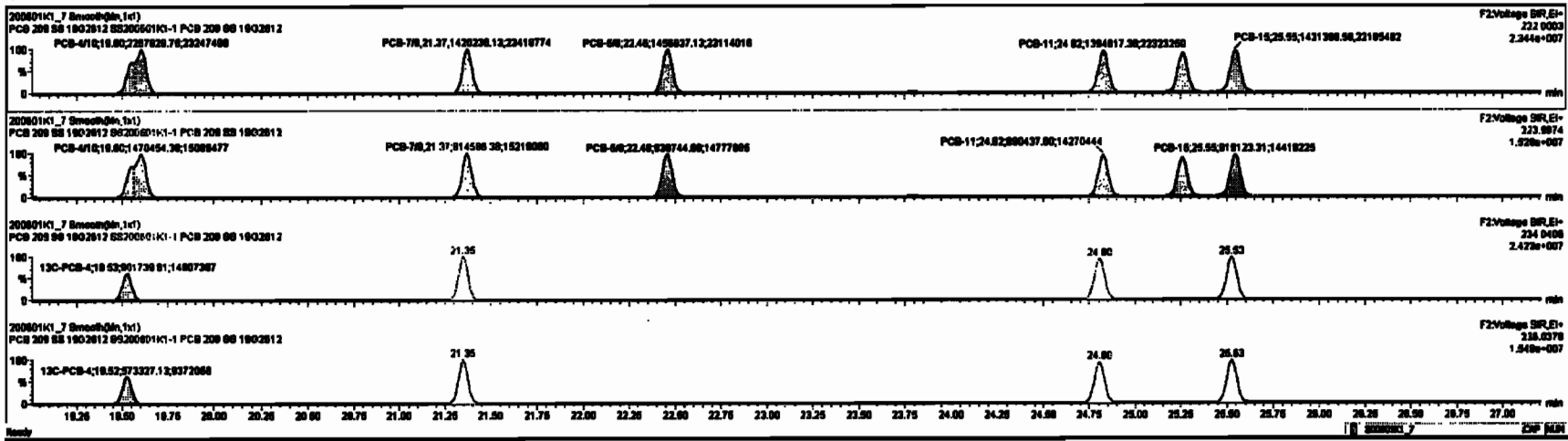


**PFK2a**



#	Name	Area	RA	RI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
217	13C-PCB-128	0.25e6	1.27	NO	1.000	1.000	48.81	48.82	1.000	0.000	NO	100.0	100	0.120				
218	13C-PCB-162	0.72e6	0.47	NO	1.000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.122				
219	13C-PCB-265	7.29e6	0.90	NO	1.000	1.000	94.88	94.88	1.000	0.000	NO	100.0	100	0.148				
220	13C-PCB-76	1.70e6	0.76	NO	1.000	1.000	37.80	37.76	1.000	1.000	NO	100.0	100	0.0916				
221	13C-PCB-178	0.89e6	0.44	NO	0.7088	1.000	46.88	46.88	0.000	0.000	NO	100.2	100	0.128				
222	13C-PCB-76	1.70e6	0.76	NO	1.000	1.000	37.78	37.76	0.000	0.000	NO	102.7	100	0.0941				
223	13C-PCB-178	0.89e6	0.44	NO	1.0000	1.000	46.87	46.88	0.000	0.000	NO	100.0	100	0.131				
224	234 Total Mono-PCBs				1.1988	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0281	100.0			
225	234 Total Di-PCBs				0.7292	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0281	100.0			
226	234 Total Tri-PCBs				0.8620	1.000	0.00	0.00	0.000	0.000	NO	278.0		0.211	270.0			
227	234 Total Tetra-PCBs				1.2778	1.000	0.00	0.00	0.000	0.000	NO	883.1		0.810	883.0			

#	Name	Area	RA	RI	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
4	PCB-418	18.81	18.80	2.28e6	1.67e6	1.000	1.84	NO	203.08	203.08							
6	PCB-76	21.41	21.37	1.42e6	0.148e6	1.000	1.88	NO	101.68	101.68							
7	PCB-68	22.48	22.48	1.48e6	0.26e6	1.000	1.88	NO	100.88	100.88							
9	PCB-11	24.82	24.82	1.26e6	0.80e6	1.000	1.87	NO	87.277	87.277							
10	PCB-128	26.38	26.38	1.24e6	0.88e6	1.000	1.88	NO	82.774	82.774							
11	PCB-16	26.57	26.56	1.02e6	0.181e6	1.000	1.88	NO	87.713	87.713							



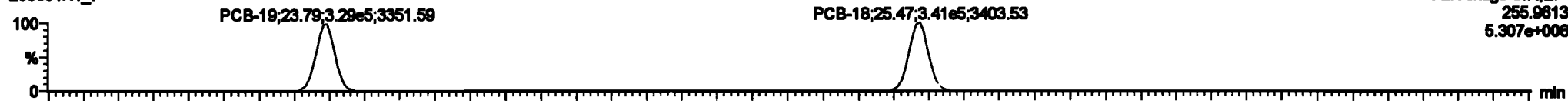
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

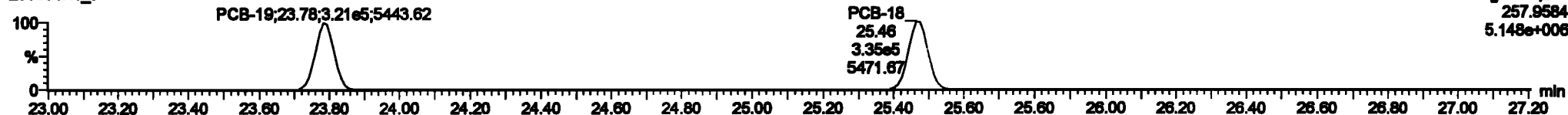
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PCB-19

200601K1\_7



200601K1\_7



13C-PCB-19

200601K1\_7

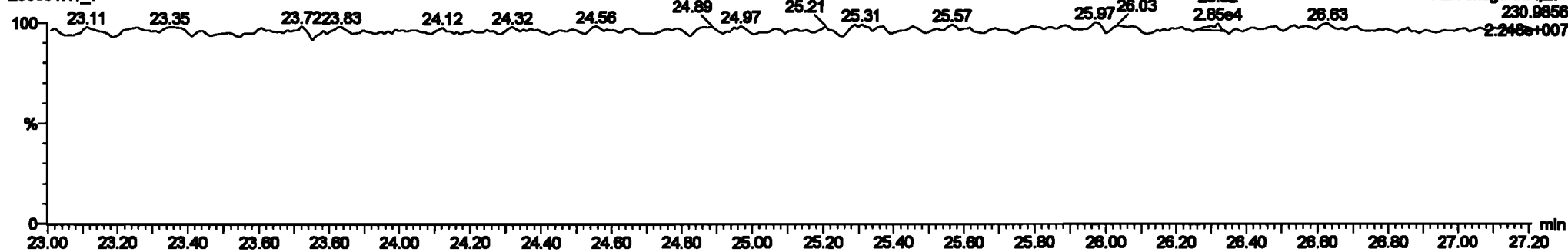


200601K1\_7



PFK2b

200601K1\_7



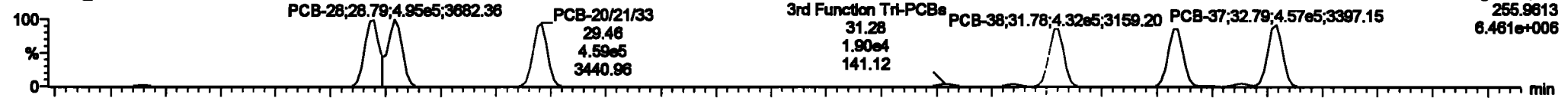
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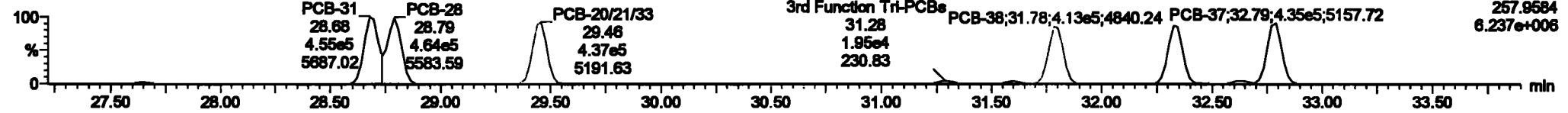
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**PCB-34**

200601K1\_7



200601K1\_7

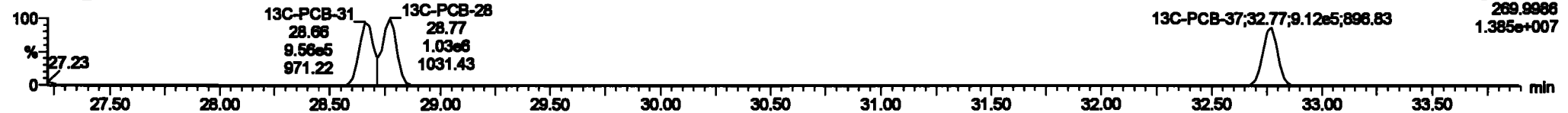


**13C-PCB-28**

200601K1\_7

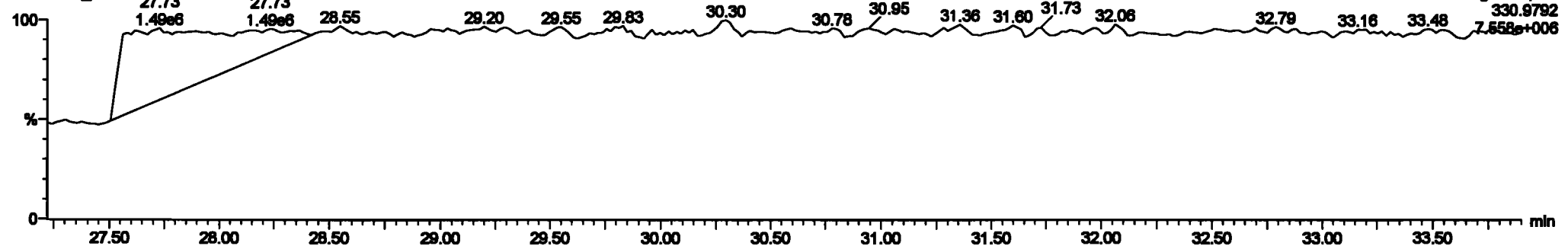


200601K1\_7



**PFK3d**

200601K1\_7

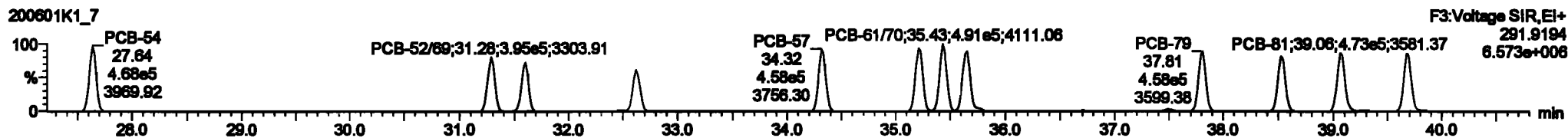
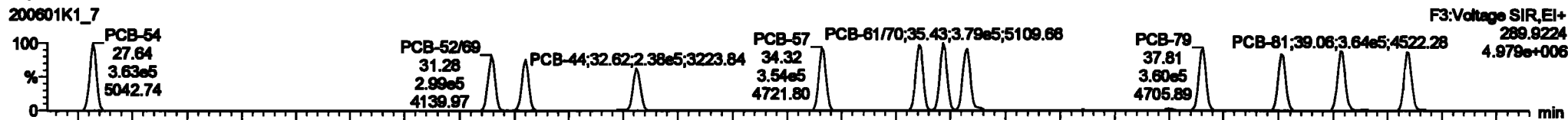


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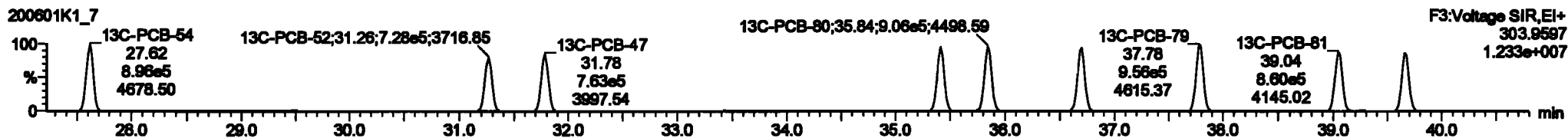
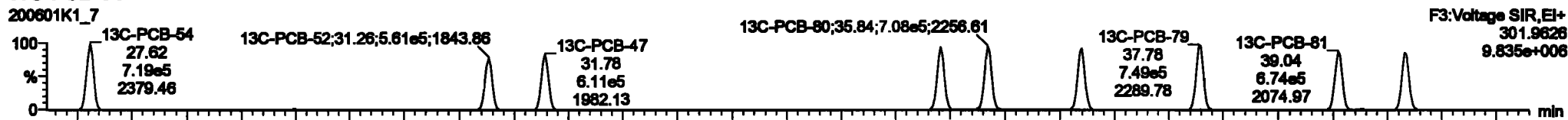
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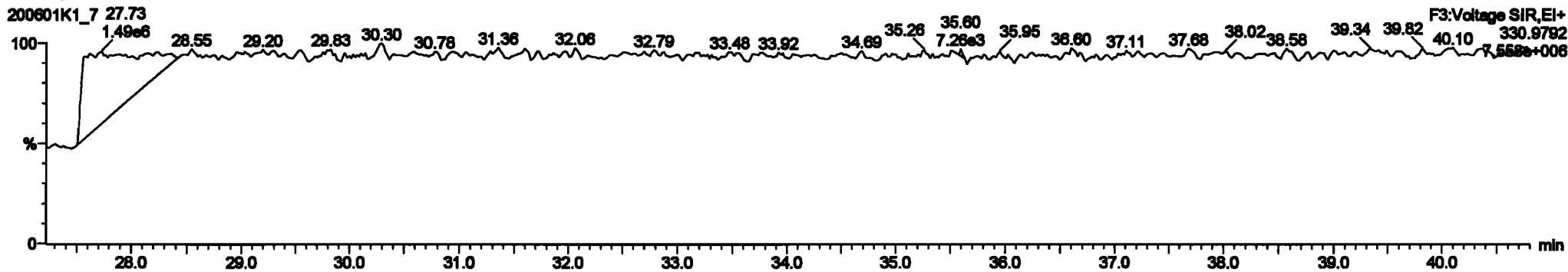
PCB-54



13C-PCB-54



PFK3a

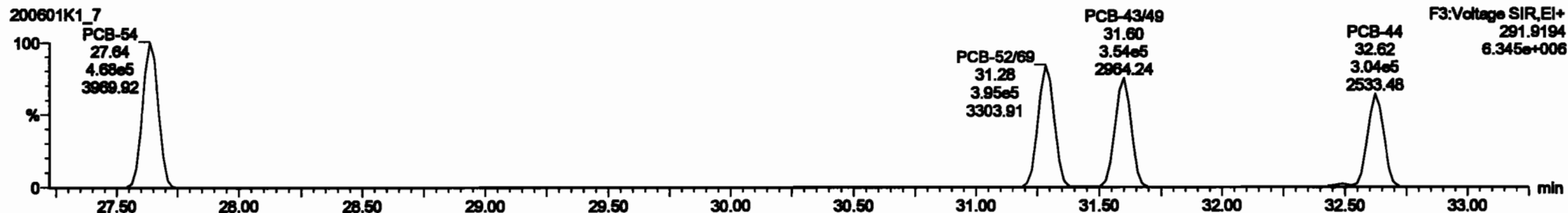


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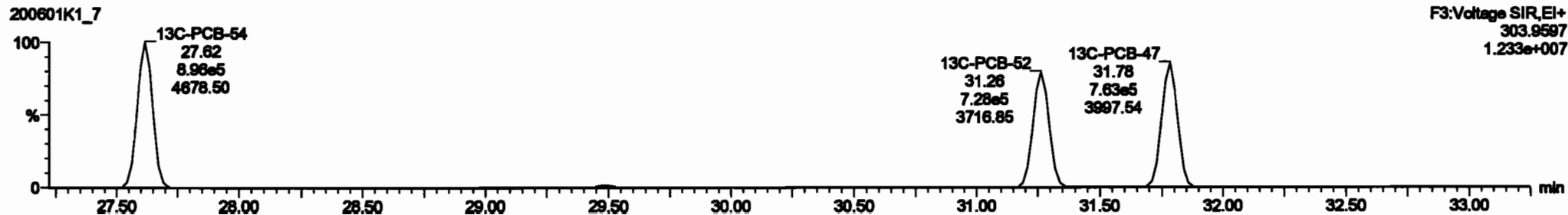
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Name: 200601K1\_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

PCB-50



13C-PCB-52



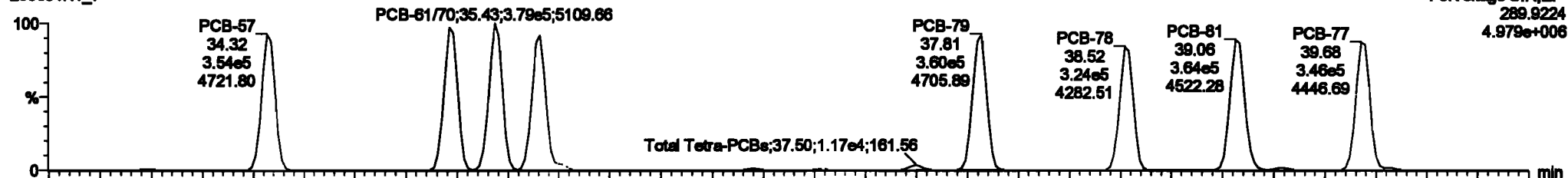
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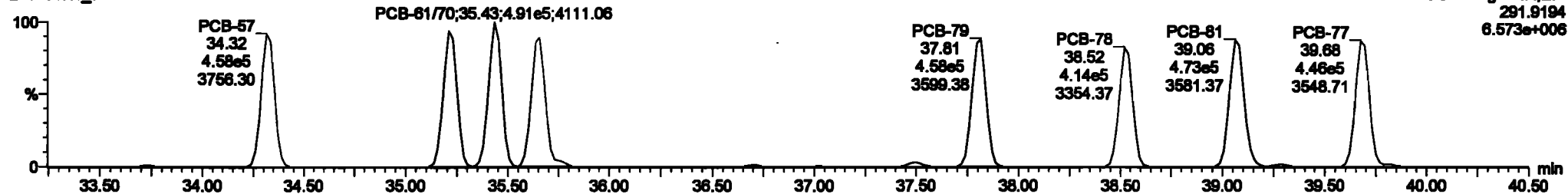
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PCB-68

200601K1\_7

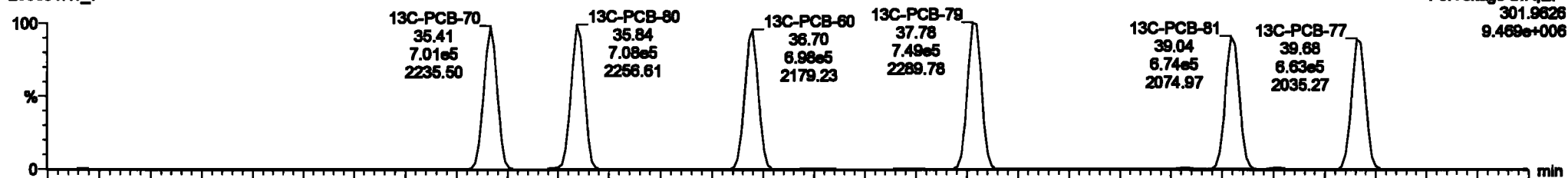


200601K1\_7

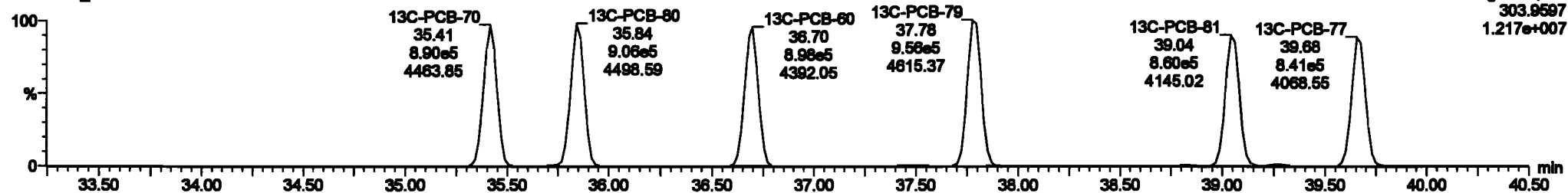


13C-PCB-60

200601K1\_7



200601K1\_7





#	Name	Step	BA	Qty	PreP	Reel	Prod.RT	RT	PreP.R	RT	PreP.Pd	Comp	Yield	DL	QTY
217	13C-PCB-128	0.88in	1.27	NO	1.0000	1.000	45.60	48.63	1.000	0.000	NO	100.0	100	0.120	
218	13C-PCB-182	0.72in	0.47	NO	1.0000	1.000	45.43	48.43	0.000	0.000	NO	100.0	100	0.122	
219	13C-PCB-205	7.84in	0.90	NO	1.0000	1.000	54.95	54.95	1.000	0.000	NO	100.0	100	0.148	
220	13C-PCB-78	1.70in	0.70	NO	1.0000	1.000	37.80	37.70	1.000	1.000	NO	100.0	100	0.0815	
221	13C-PCB-178	0.88in	0.44	NO	0.7000	1.000	45.80	45.80	0.000	0.000	NO	100.0	100	0.128	
222	13C-PCB-78	1.70in	0.70	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	100.7	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	188.0
225	Total D-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.280	603.3
226	2nd Function TAPCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.110	62.73
227	2nd Function TAPCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.311	208.4
228	Total PCBs				4.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.800	1480.0

#	Name	Prod.RT	RT	Lot Range	Lot Range	SP Ratio (Prod)	BA	Qty	QTY	Comp
33	PCB-64	27.04	27.04	3.820in	4.880in	0.770	0.70	NO	47.874	47.874
34	PCB-6800	31.30	31.30	2.825in	3.891in	0.770	0.70	NO	48.220	48.220
35	PCB-4398	31.80	31.80	2.760in	3.526in	0.770	0.70	NO	48.317	48.317
36	PCB-44	32.80	32.80	2.570in	3.043in	0.770	0.70	NO	47.188	47.188
37	PCB-67	34.30	34.30	3.880in	4.577in	0.770	0.77	NO	43.838	43.838
38	PCB-74	35.20	35.21	3.730in	4.726in	0.770	0.70	NO	45.028	45.028
39	PCB-8180	35.43	35.43	3.780in	4.880in	0.770	0.77	NO	51.834	51.834
40	PCB-7088	35.62	35.65	3.891in	4.830in	0.770	0.70	NO	44.671	44.671



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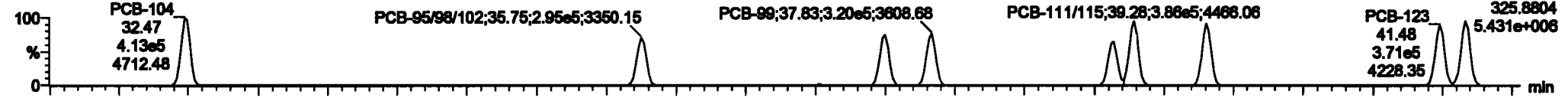
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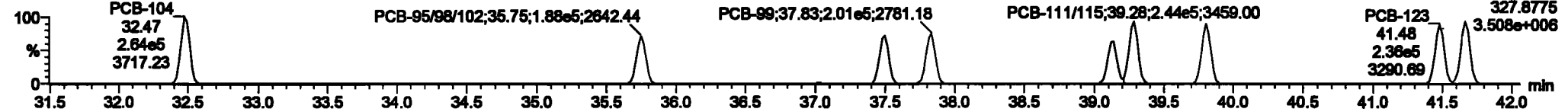
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**PCB-104**

200601K1\_7

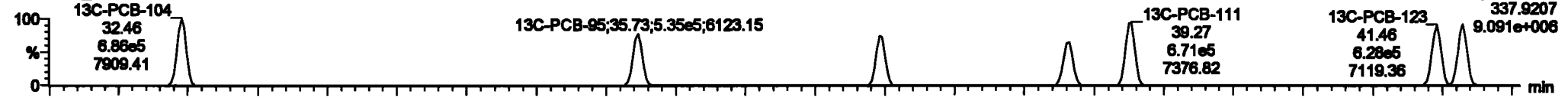


200601K1\_7

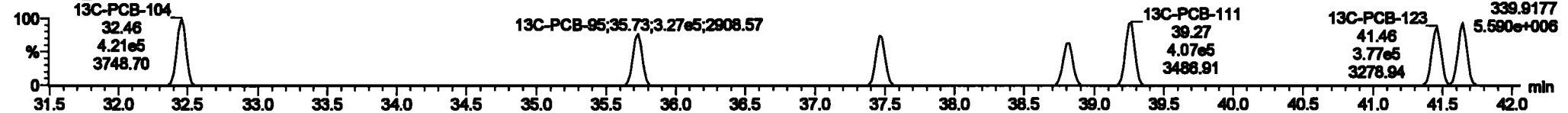


**13C-PCB-104**

200601K1\_7

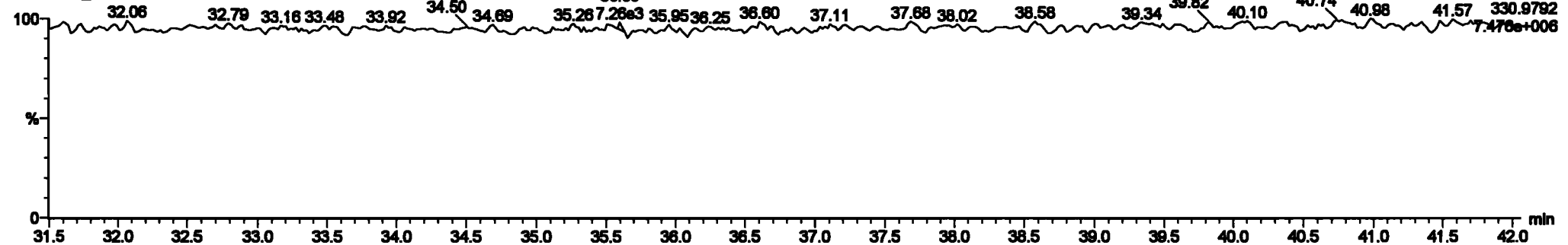


200601K1\_7



**PFK3b**

200601K1\_7



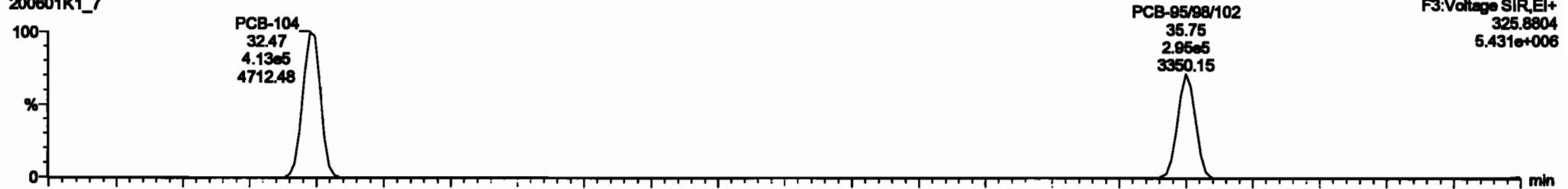
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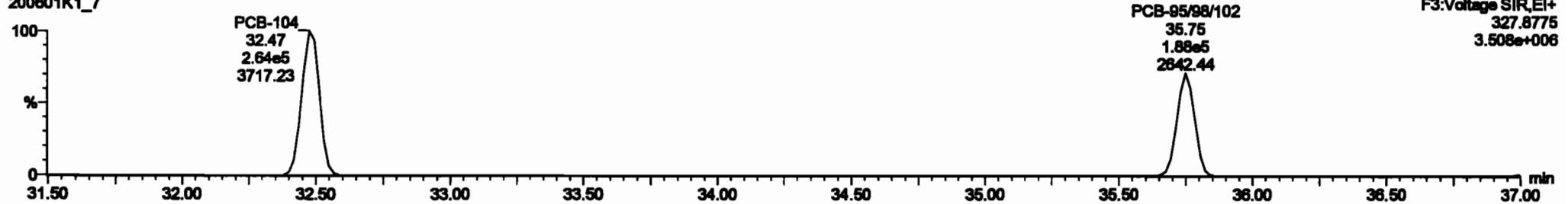
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**PCB-96**

200601K1\_7

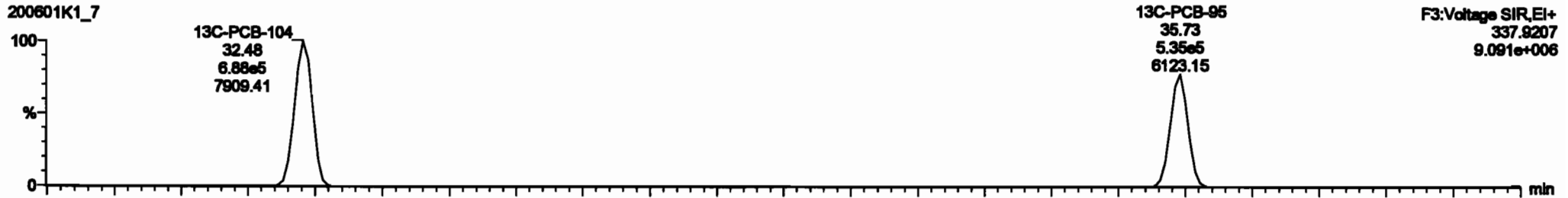


200601K1\_7

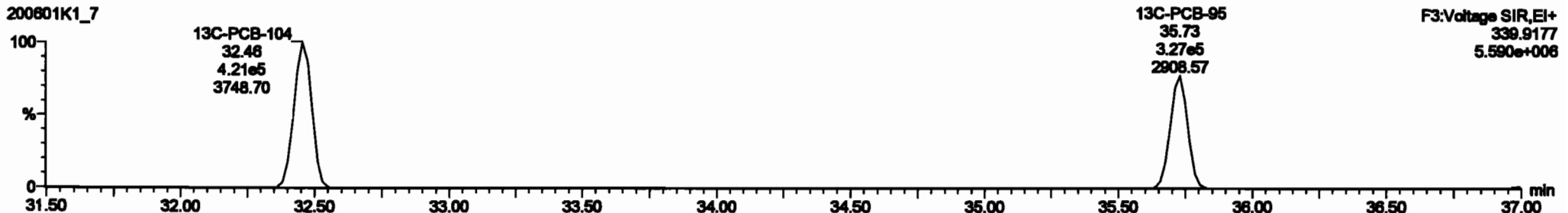


**13C-PCB-95**

200601K1\_7



200601K1\_7



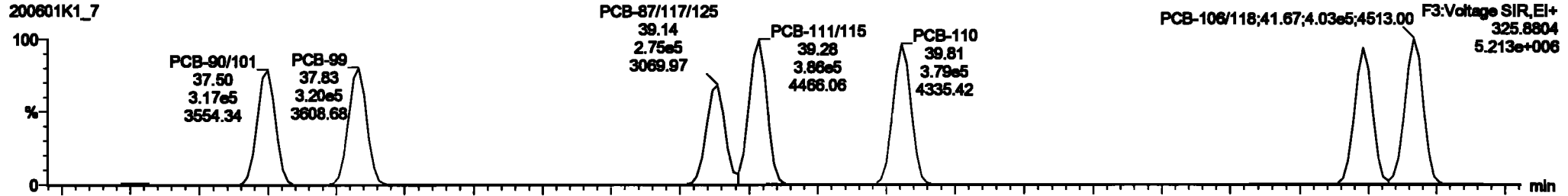
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

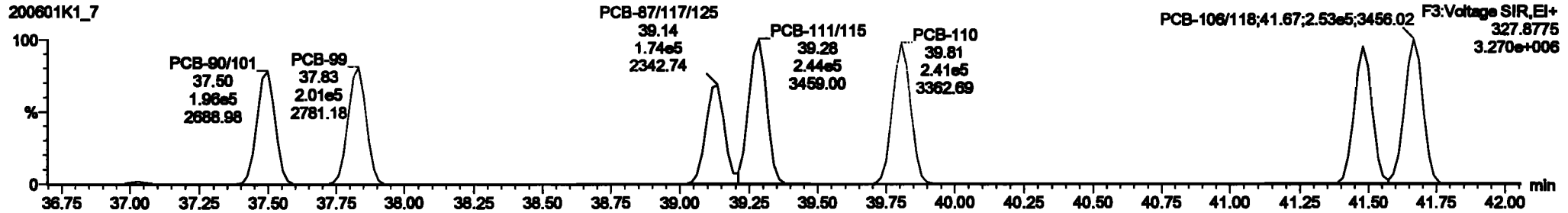
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PCB-119

200601K1\_7

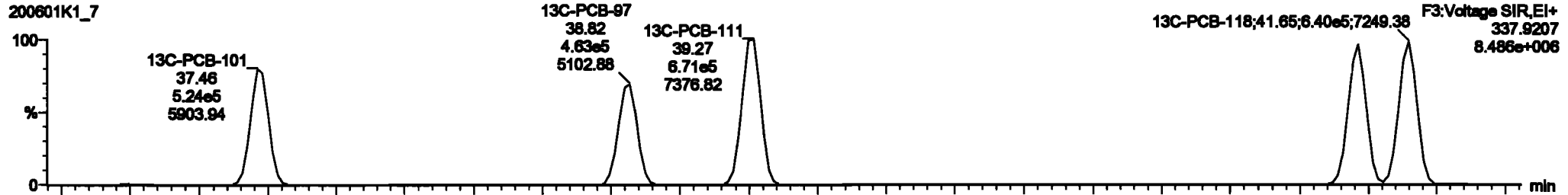


200601K1\_7

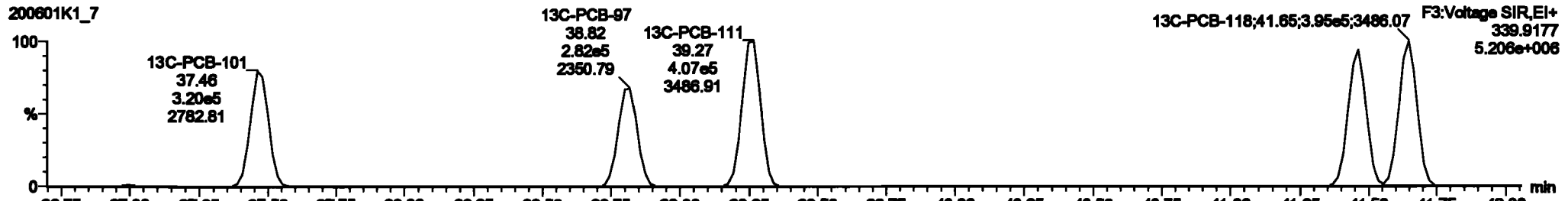


13C-PCB-111

200601K1\_7



200601K1\_7



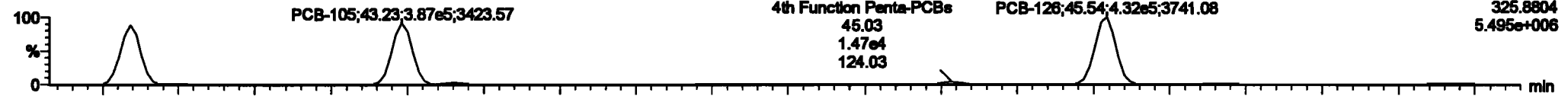
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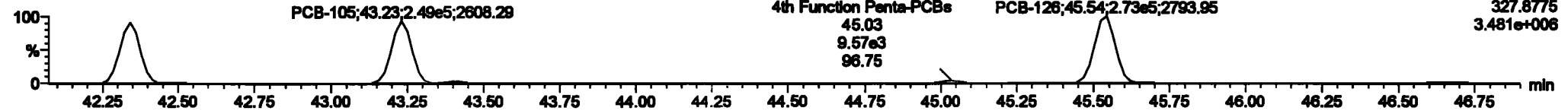
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**PCB-114**

200601K1\_7

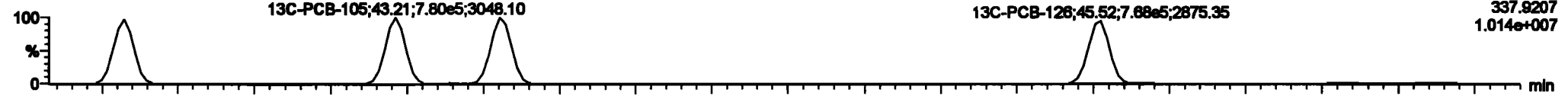


200601K1\_7

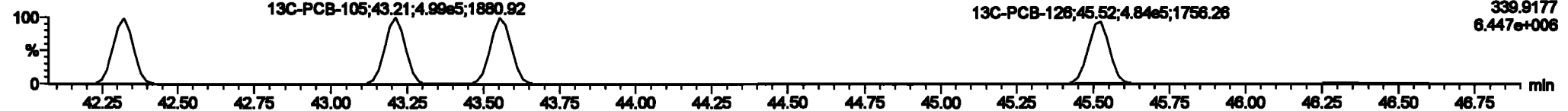


**13C-PCB-114**

200601K1\_7

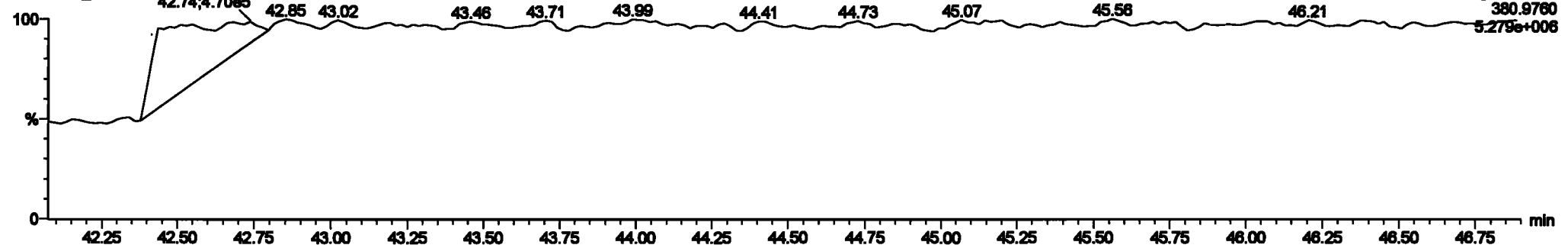


200601K1\_7



**PFK4a**

200601K1\_7



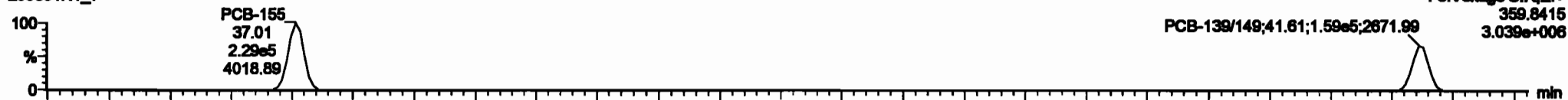
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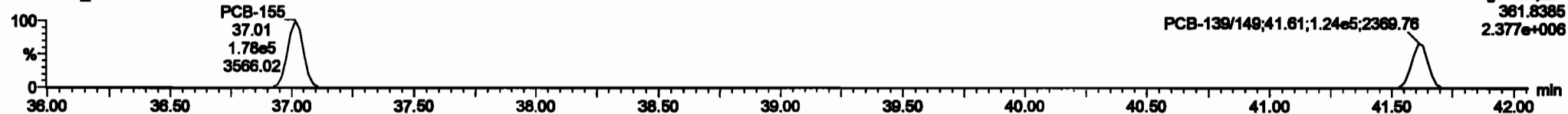
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**PCB-155**

200601K1\_7



200601K1\_7

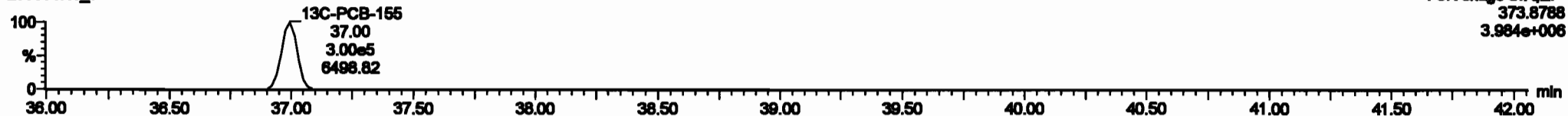


**13C-PCB-155**

200601K1\_7

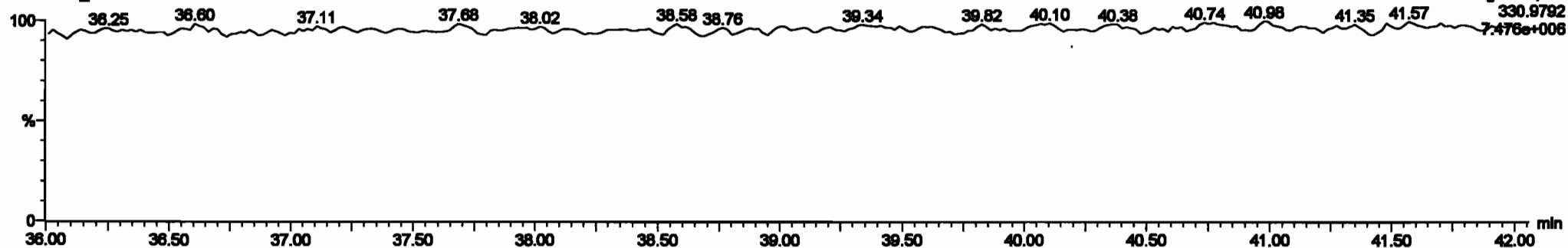


200601K1\_7



**PFK3c**

200601K1\_7

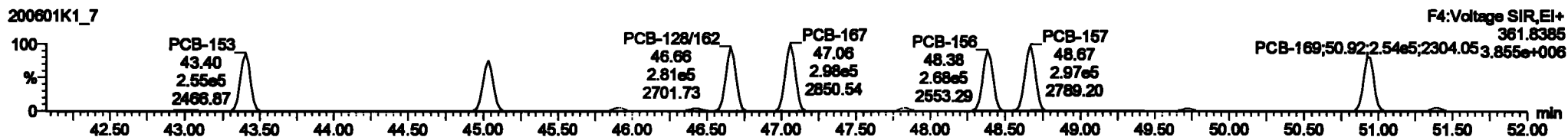
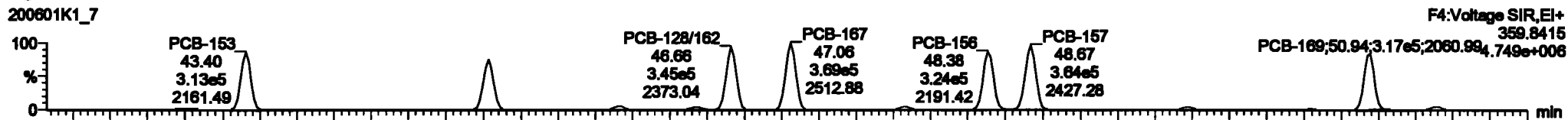


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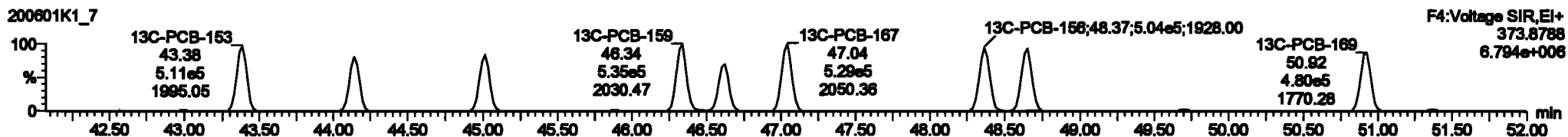
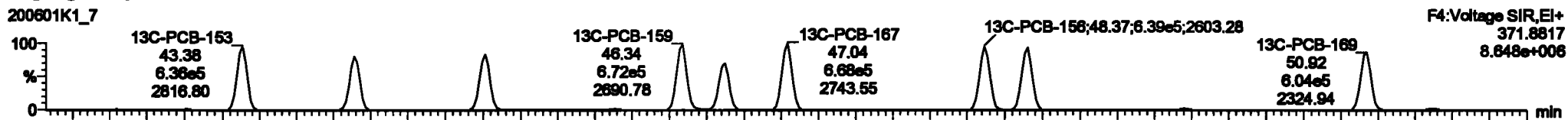
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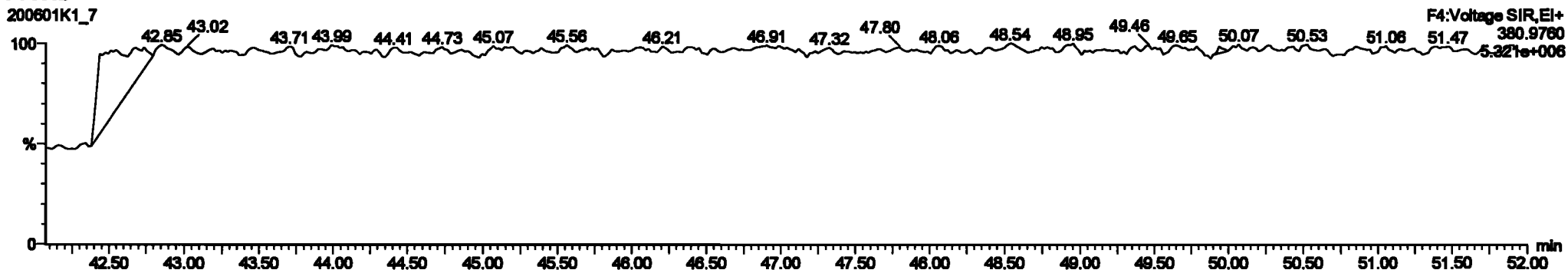
PCB-134/143



13C-PCB-153



PFK4b

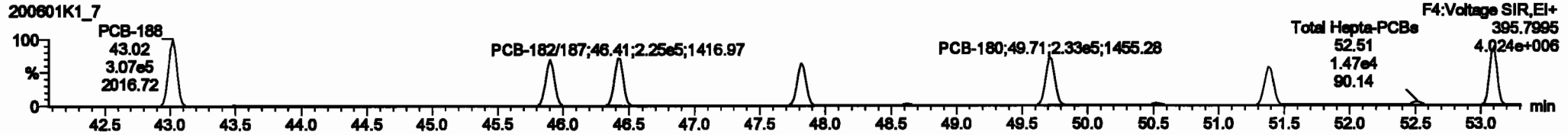
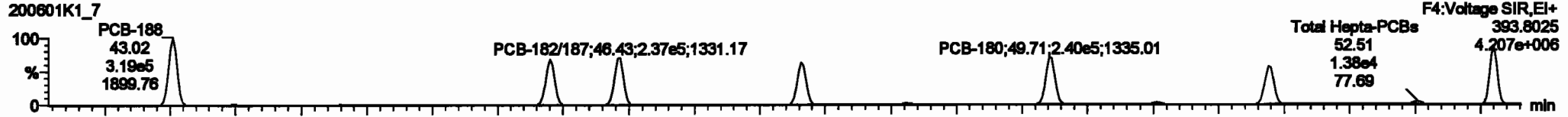


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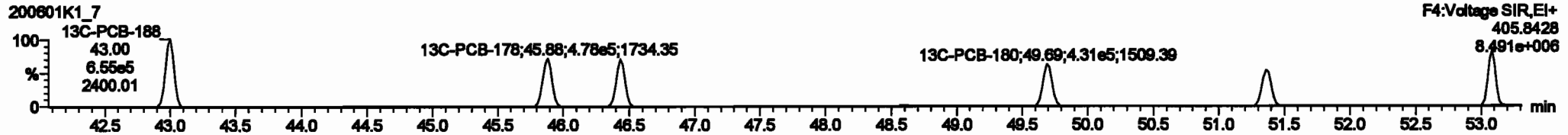
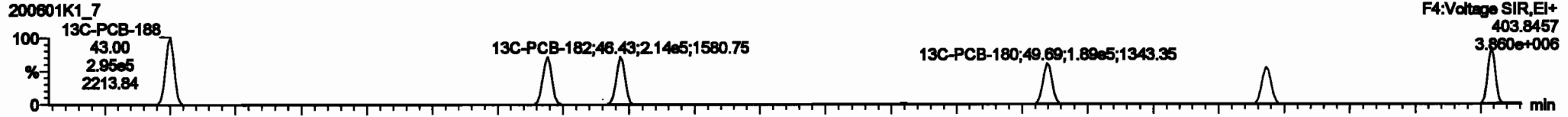
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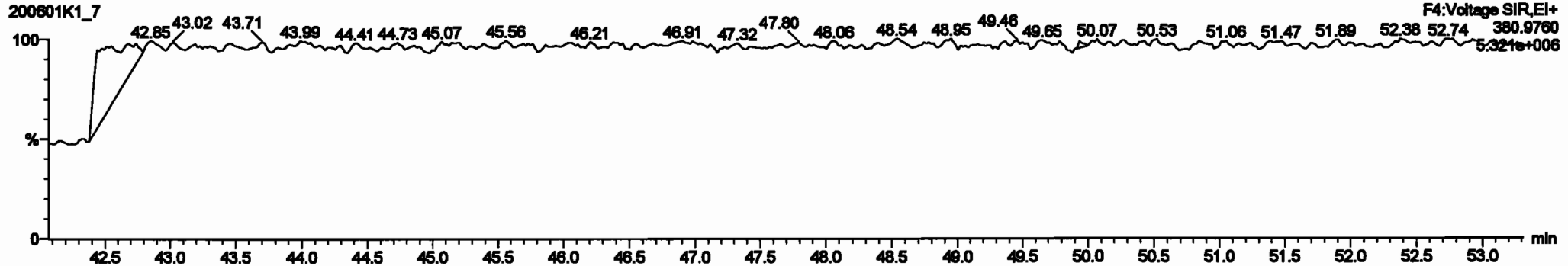
**PCB-188**



**13C-PCB-188**



**PFK4c**





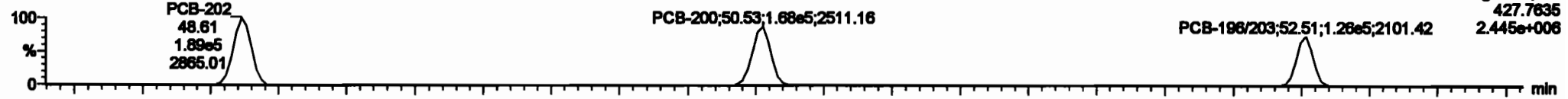
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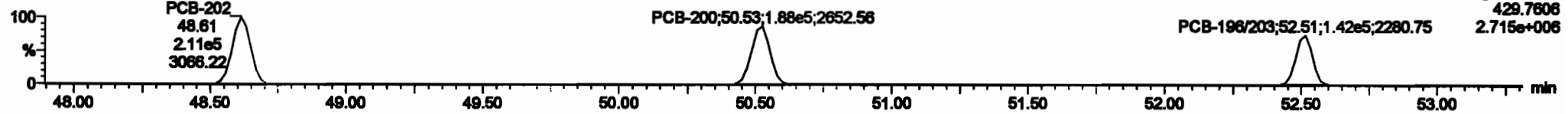
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**PCB-202**

200601K1\_7

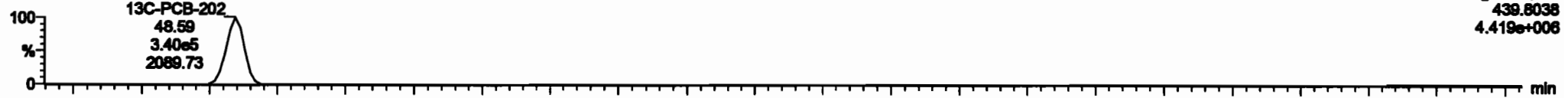


200601K1\_7

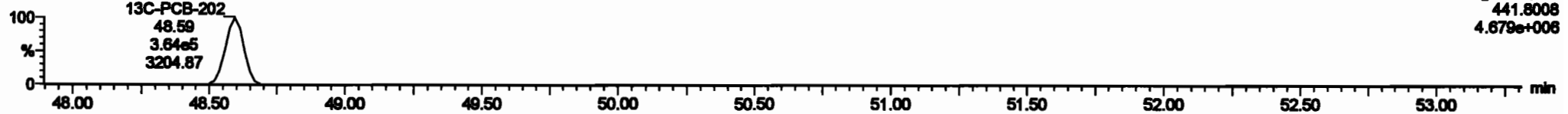


**13C-PCB-202**

200601K1\_7

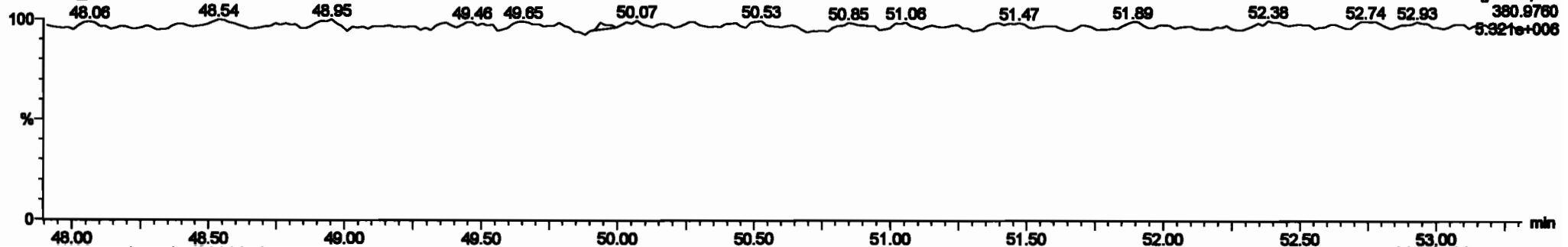


200601K1\_7



**PFK4d**

200601K1\_7



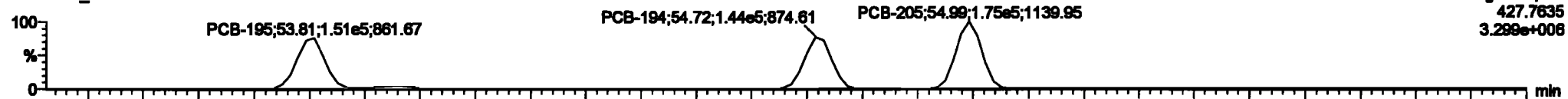
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

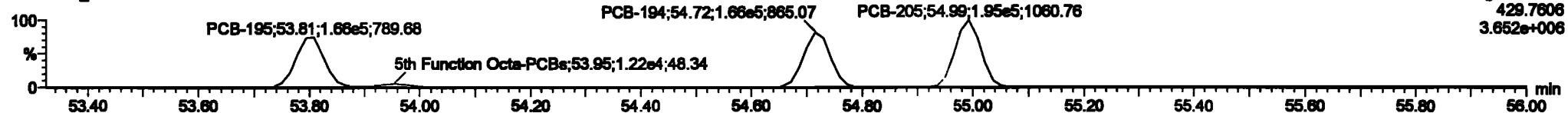
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**PCB-195**

200601K1\_7

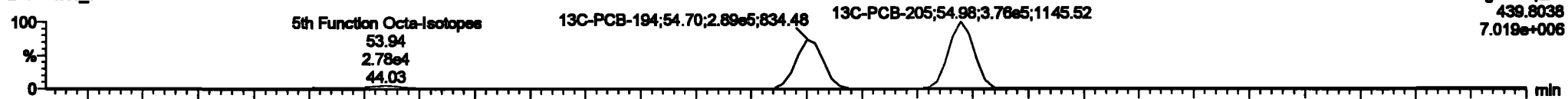


200601K1\_7

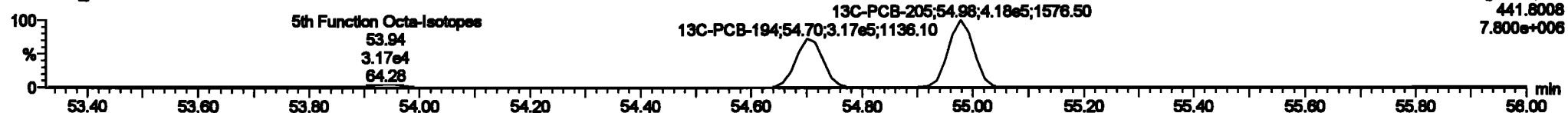


**13C-PCB-194**

200601K1\_7

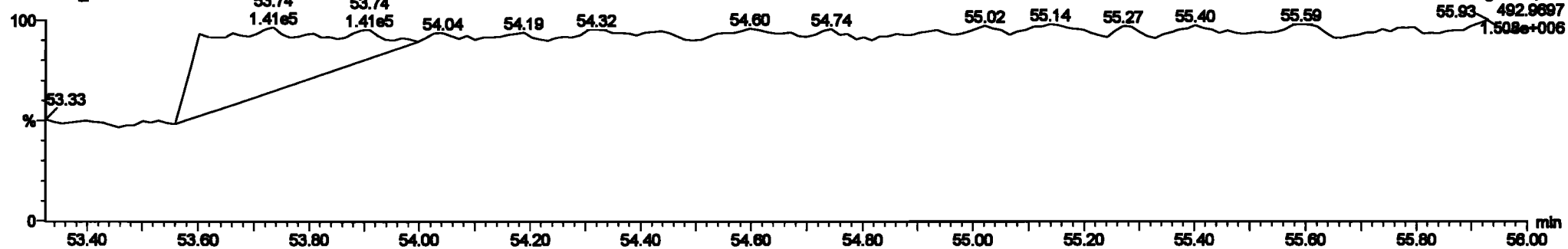


200601K1\_7



**PFK5a**

200601K1\_7

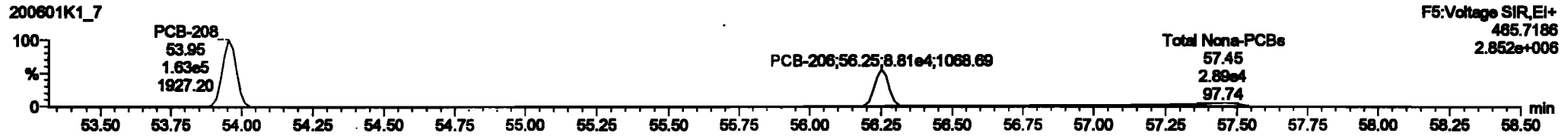
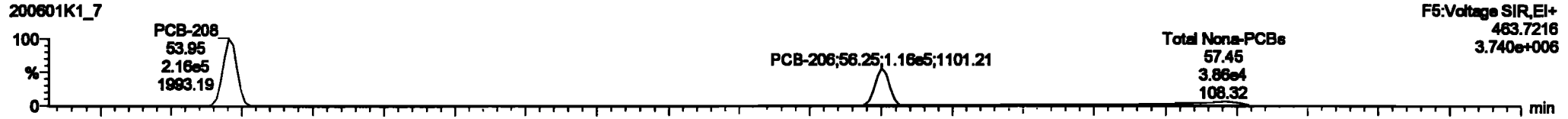


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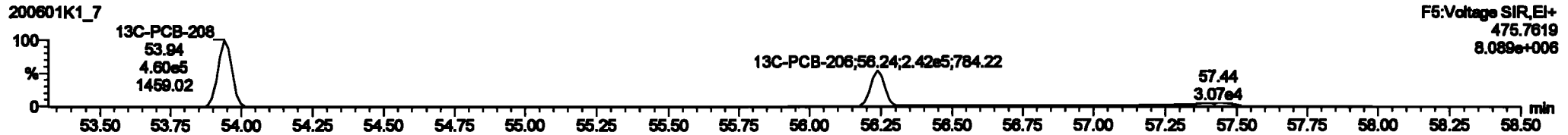
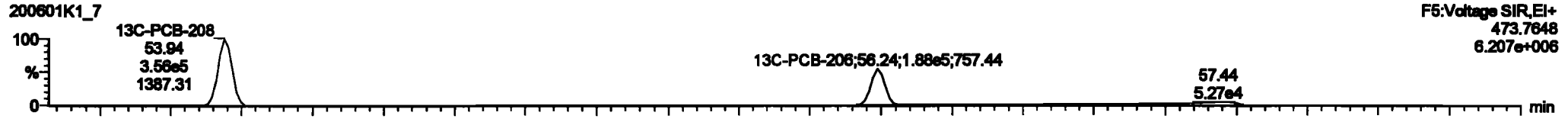
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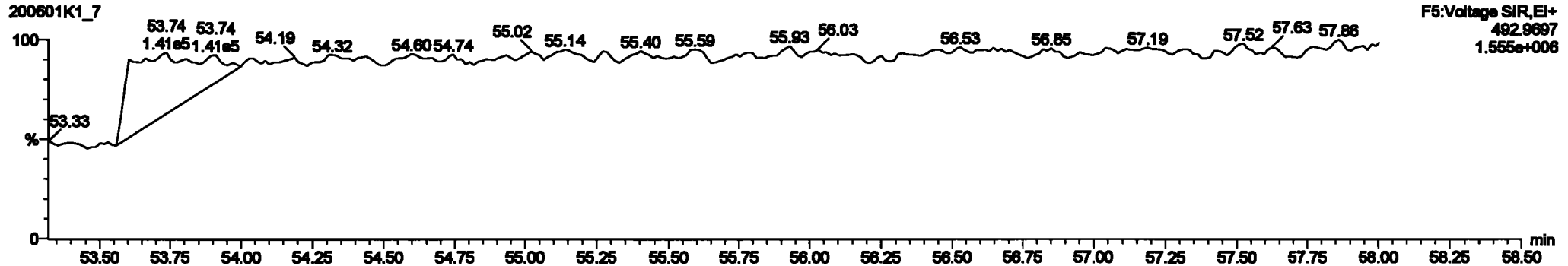
**PCB-208**



**13C-PCB-208**



**PFK5**

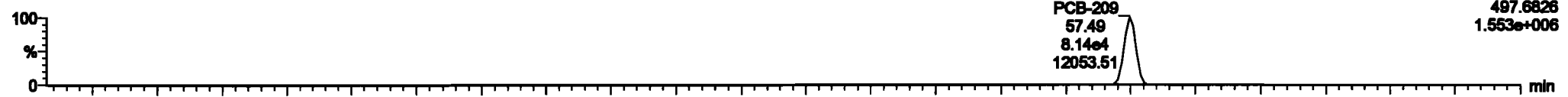


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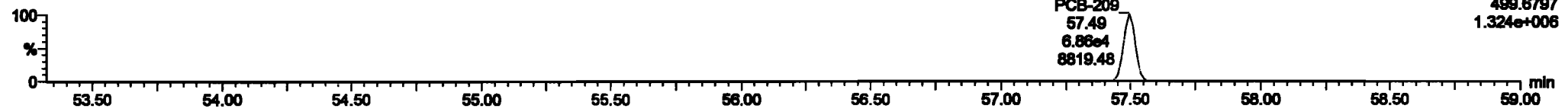
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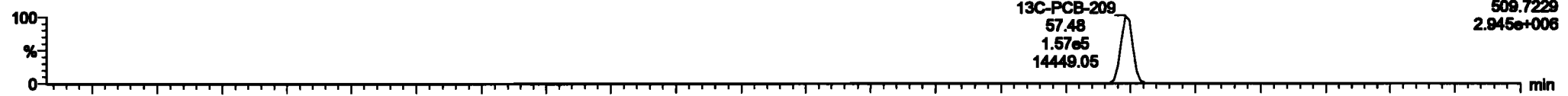
**PCB-209**  
200601K1\_7



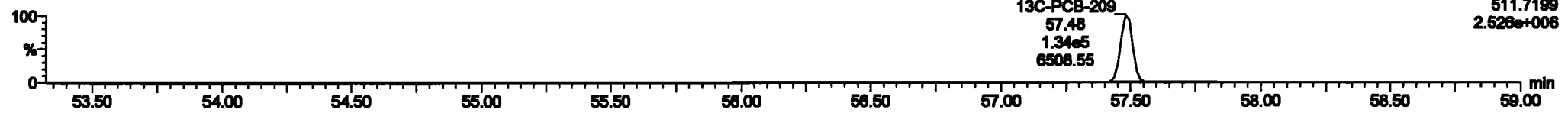
200601K1\_7



**13C-PCB-209**  
200601K1\_7



200601K1\_7



**PFK5b**  
200601K1\_7

