



July 16, 2020

Vista Work Order No. 2001156

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 May 27, 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.

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. 2001156

Case Narrative

Sample Condition on Receipt:

Five sediment samples were received in good condition but outside of the recommended temperature preservation of <6°C. Authorization to proceed with the analyses was received by email on May 28, 2020. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The EPA Method 1613 analyses of samples were assigned to Vista Work Order No. 2001155.

Analytical Notes:

EPA Method 1668C

Sample "PDI-175SC-A-00-01-200522" was extracted and analyzed for 209 PCB congeners by EPA Method 1668C using a ZB-1 GC column.

Holding Times

The method holding time criteria were met for this sample.

Quality Control

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

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

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

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2001156-01	PDI-175SC-A-00-01-200522	EPA Method 1668C	13C-PCB-209	H	203

H = Recovery was outside laboratory acceptance criteria.

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	16
Certifications.....	17
Sample Receipt.....	20
Extraction Information.....	24
Sample Data - EPA Method 1668C.....	30
Continuing Calibration.....	154
Initial Calibration.....	240

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001156-01	PDI-175SC-A-00-01-200522	22-May-20 09:25	27-May-20 10:27	Amber Glass, 120 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

EPA Method 1668C

Matrix: Solid	QC Batch: B0F0004	Lab Sample: B0F0004-BLK1
Sample Size: 5.00 g	Date Extracted: 02-Jun-2020 8:44	Date Analyzed: 17-Jun-20 16:18 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	ND	0.312			PCB-44	ND	0.511		
PCB-2	ND	0.302			PCB-45	ND	0.506		
PCB-3	ND	0.312			PCB-46	ND	0.523		
PCB-4/10	ND	1.31			PCB-47	ND	0.457		
PCB-5/8	ND	1.04			PCB-48/75	ND	0.376		
PCB-6	ND	1.00			PCB-50	ND	0.397		
PCB-7/9	ND	1.07			PCB-51	ND	0.408		
PCB-11	ND	0.941			PCB-52/69	ND	0.372		
PCB-12/13	ND	1.03			PCB-53	ND	0.436		
PCB-14	ND	1.04			PCB-54	ND	0.324		
PCB-15	ND	1.02			PCB-55	ND	0.295		
PCB-16/32	ND	0.634			PCB-56/60	ND	0.338		
PCB-17	ND	0.774			PCB-57	ND	0.298		
PCB-18	ND	0.718			PCB-58	ND	0.288		
PCB-19	ND	0.743			PCB-61/70	ND	0.329		
PCB-20/21/33	ND	0.481			PCB-62	ND	0.373		
PCB-22	ND	0.466			PCB-63	ND	0.323		
PCB-23	ND	0.513			PCB-65	ND	0.328		
PCB-24/27	ND	0.542			PCB-66/76	ND	0.298		
PCB-25	ND	0.477			PCB-67	ND	0.320		
PCB-26	ND	0.480			PCB-68	ND	0.330		
PCB-28	ND	0.442			PCB-73	ND	0.301		
PCB-29	ND	0.507			PCB-74	ND	0.293		
PCB-30	ND	0.458			PCB-77	ND	0.338		
PCB-31	ND	0.437			PCB-78	ND	0.322		
PCB-34	ND	0.479			PCB-79	ND	0.302		
PCB-35	ND	0.496			PCB-80	ND	0.290		
PCB-36	ND	0.481			PCB-81	ND	0.350		
PCB-37	ND	0.513			PCB-82	ND	0.805		
PCB-38	ND	0.492			PCB-83	ND	0.438		
PCB-39	ND	0.523			PCB-84/92	ND	0.711		
PCB-40	ND	0.699			PCB-85/116	ND	0.569		
PCB-41/64/71/72	ND	0.355			PCB-86	ND	0.718		
PCB-42/59	ND	0.401			PCB-87/117/125	ND	0.515		
PCB-43/49	ND	0.427			PCB-88/91	ND	0.670		

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: B0F0004	Lab Sample: B0F0004-BLK1
Sample Size: 5.00 g	Date Extracted: 02-Jun-2020 8:44	Date Analyzed: 17-Jun-20 16:18 Column: ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	ND	0.654			PCB-137	ND	0.241		
PCB-90/101	ND	0.644			PCB-138/163/164	ND	0.205		
PCB-93	ND	0.763			PCB-139/149	ND	0.508		
PCB-94	ND	0.752			PCB-140	ND	0.607		
PCB-95/98/102	ND	0.592			PCB-141	ND	0.261		
PCB-96	ND	0.472			PCB-142	ND	0.306		
PCB-97	ND	0.626			PCB-144	ND	0.610		
PCB-99	ND	0.547			PCB-145	ND	0.405		
PCB-100	ND	0.572			PCB-146/165	ND	0.227		
PCB-103	ND	0.582			PCB-147	ND	0.577		
PCB-104	ND	0.486			PCB-148	ND	0.572		
PCB-105	ND	0.350			PCB-150	ND	0.444		
PCB-106/118	ND	0.471			PCB-151	ND	0.612		
PCB-107/109	ND	0.469			PCB-152	ND	0.406		
PCB-108/112	ND	0.555			PCB-153	ND	0.215		
PCB-110	ND	0.460			PCB-154	ND	0.524		
PCB-111/115	ND	0.420			PCB-155	ND	0.461		
PCB-113	ND	0.478			PCB-156	ND	0.198		
PCB-114	ND	0.326			PCB-157	ND	0.223		
PCB-119	ND	0.445			PCB-158/160	ND	0.212		
PCB-120	ND	0.400			PCB-159	ND	0.184		
PCB-121	ND	0.417			PCB-166	ND	0.196		
PCB-122	ND	0.394			PCB-167	ND	0.202		
PCB-123	ND	0.525			PCB-168	ND	0.214		
PCB-124	ND	0.450			PCB-169	ND	0.217		
PCB-126	ND	0.340			PCB-170	ND	0.426		
PCB-127	ND	0.333			PCB-171	ND	0.389		
PCB-128/162	ND	0.247			PCB-172	ND	0.373		
PCB-129	ND	0.304			PCB-173	ND	0.431		
PCB-130	ND	0.302			PCB-174	ND	0.379		
PCB-131/133	ND	0.281			PCB-175	ND	0.382		
PCB-132/161	ND	0.225			PCB-176	ND	0.279		
PCB-134/143	ND	0.304			PCB-177	ND	0.401		
PCB-135	ND	0.522			PCB-178	ND	0.387		
PCB-136	ND	0.472			PCB-179	ND	0.282		

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: B0F0004			Lab Sample: B0F0004-BLK1				
Sample Size: 5.00 g		Date Extracted: 02-Jun-2020 8:44			Date Analyzed: 17-Jun-20 16:18 Column: ZB-1				
Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	ND	0.363			Total octaCB	ND		0.590	
PCB-181	ND	0.348			Total nonaCB	ND	0.211		
PCB-182/187	ND	0.343			DecaCB	ND	0.456		
PCB-183	ND	0.357			Total PCB	ND			
PCB-184	ND	0.297							
PCB-185	ND	0.365							
PCB-186	ND	0.275							
PCB-188	ND	0.283							
PCB-189	ND	0.269							
PCB-190	ND	0.323							
PCB-191	ND	0.300							
PCB-192	ND	0.281							
PCB-193	ND	0.306							
PCB-194	ND		0.590						
PCB-195	ND	0.176							
PCB-196/203	ND	0.335							
PCB-197	ND	0.248							
PCB-198	ND	0.354							
PCB-199	ND	0.347							
PCB-200	ND	0.262							
PCB-201	ND	0.267							
PCB-202	ND	0.240							
PCB-204	ND	0.246							
PCB-205	ND	0.142							
PCB-206	ND	0.211							
PCB-207	ND	0.168							
PCB-208	ND	0.165							
PCB-209	ND	0.456							
Total monoCB	ND	0.312							
Total diCB	ND	1.31							
Total triCB	ND	0.774							
Total tetraCB	ND	0.699							
Total pentaCB	ND	0.805							
Total hexaCB	ND	0.612							
Total heptaCB	ND	0.431							

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL- Lower control limit - upper control limit

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

See

Sample ID: Method Blank

EPA Method 1668C

Matrix: Solid	QC Batch: B0F0004	Lab Sample: B0F0004-BLK1
Sample Size: 5.00 g	Date Extracted: 02-Jun-2020 8:44	Date Analyzed: 17-Jun-20 16:18 Column: ZB-1

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	77.2	5 - 145		13C-PCB-157	101	10 - 145	
13C-PCB-3	78.8	5 - 145		13C-PCB-159	101	10 - 145	
13C-PCB-4	93.0	5 - 145		13C-PCB-167	97.5	10 - 145	
13C-PCB-11	93.1	5 - 145		13C-PCB-169	100	10 - 145	
13C-PCB-9	91.8	5 - 145		13C-PCB-170	108	10 - 145	
13C-PCB-19	76.3	5 - 145		13C-PCB-180	107	10 - 145	
13C-PCB-28	96.2	5 - 145		13C-PCB-188	102	10 - 145	
13C-PCB-32	76.3	5 - 145		13C-PCB-189	110	10 - 145	
13C-PCB-37	95.6	5 - 145		13C-PCB-194	99.6	10 - 145	
13C-PCB-47	97.6	5 - 145		13C-PCB-202	89.1	10 - 145	
13C-PCB-52	98.9	5 - 145		13C-PCB-206	116	10 - 145	
13C-PCB-54	98.3	5 - 145		13C-PCB-208	91.4	10 - 145	
13C-PCB-70	101	5 - 145		13C-PCB-209	140	10 - 145	
13C-PCB-77	98.8	10 - 145		CRS 13C-PCB-79	103	10 - 145	
13C-PCB-80	98.6	10 - 145		13C-PCB-178	89.8	10 - 145	
13C-PCB-81	99.8	10 - 145					
13C-PCB-95	101	10 - 145					
13C-PCB-97	103	10 - 145					
13C-PCB-101	101	10 - 145					
13C-PCB-104	103	10 - 145					
13C-PCB-105	112	10 - 145					
13C-PCB-114	112	10 - 145					
13C-PCB-118	104	10 - 145					
13C-PCB-123	103	10 - 145					
13C-PCB-126	109	10 - 145					
13C-PCB-127	111	10 - 145					
13C-PCB-138	102	10 - 145					
13C-PCB-141	103	10 - 145					
13C-PCB-153	102	10 - 145					
13C-PCB-155	81.1	10 - 145					
13C-PCB-156	102	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: B0F0004
Date Extracted: 02-Jun-2020 8:44

Lab Sample: B0F0004-BS1
Date Analyzed: 17-Jun-20 14:16 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-1	1300	1000	130	60 - 135	IS 13C-PCB-1	52.3	15 - 145
PCB-3	1290	1000	129	60 - 135	IS 13C-PCB-3	55.1	15 - 145
PCB-4/10	2370	2000	118	60 - 135	IS 13C-PCB-4	67.1	15 - 145
PCB-15	1190	1000	119	60 - 135	IS 13C-PCB-11	73.3	15 - 145
PCB-19	1230	1000	123	60 - 135	IS 13C-PCB-9	67.8	15 - 145
PCB-37	1210	1000	121	60 - 135	IS 13C-PCB-19	58.4	15 - 145
PCB-54	1250	1000	125	60 - 135	IS 13C-PCB-28	81.9	15 - 145
PCB-77	1200	1000	120	60 - 135	IS 13C-PCB-32	60.5	15 - 145
PCB-81	1140	1000	114	60 - 135	IS 13C-PCB-37	83.5	15 - 145
PCB-104	1250	1000	125	60 - 135	IS 13C-PCB-47	82.7	15 - 145
PCB-105	1150	1000	115	60 - 135	IS 13C-PCB-52	80.7	15 - 145
PCB-106/118	2460	2000	123	60 - 135	IS 13C-PCB-54	75.0	15 - 145
PCB-114	1130	1000	113	60 - 135	IS 13C-PCB-70	85.8	15 - 145
PCB-123	1170	1000	117	60 - 135	IS 13C-PCB-77	86.3	40 - 145
PCB-126	1140	1000	114	60 - 135	IS 13C-PCB-80	85.6	40 - 145
PCB-155	1180	1000	118	60 - 135	IS 13C-PCB-81	87.5	40 - 145
PCB-156	1130	1000	113	60 - 135	IS 13C-PCB-95	87.8	40 - 145
PCB-157	1150	1000	115	60 - 135	IS 13C-PCB-97	89.7	40 - 145
PCB-167	1140	1000	114	60 - 135	IS 13C-PCB-101	89.1	40 - 145
PCB-169	1160	1000	116	60 - 135	IS 13C-PCB-104	84.8	40 - 145
PCB-188	1170	1000	117	60 - 135	IS 13C-PCB-105	97.8	40 - 145
PCB-189	1140	1000	114	60 - 135	IS 13C-PCB-114	97.0	40 - 145
PCB-202	1170	1000	117	60 - 135	IS 13C-PCB-118	88.9	40 - 145
PCB-205	1190	1000	119	60 - 135	IS 13C-PCB-123	93.2	40 - 145
PCB-206	1110	1000	111	60 - 135	IS 13C-PCB-126	98.4	40 - 145
PCB-208	1130	1000	113	60 - 135	IS 13C-PCB-127	99.8	40 - 145
PCB-209	1160	1000	116	60 - 135	IS 13C-PCB-138	89.0	40 - 145
					IS 13C-PCB-141	89.2	40 - 145
					IS 13C-PCB-153	89.5	40 - 145
					IS 13C-PCB-155	67.6	40 - 145
					IS 13C-PCB-156	91.6	40 - 145
					IS 13C-PCB-157	90.1	40 - 145
					IS 13C-PCB-159	88.4	40 - 145
					IS 13C-PCB-167	89.0	40 - 145
					IS 13C-PCB-169	91.9	40 - 145
					IS 13C-PCB-170	99.5	40 - 145
					IS 13C-PCB-180	96.3	40 - 145
					IS 13C-PCB-188	88.9	40 - 145
					IS 13C-PCB-189	101	40 - 145
					IS 13C-PCB-194	86.4	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix: Solid
Sample Size: 5.00 g

QC Batch: B0F0004
Date Extracted: 02-Jun-2020 8:44

Lab Sample: B0F0004-BS1
Date Analyzed: 17-Jun-20 14:16 Column: ZB-1

Analyte	Amt Found (pg/g)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
					IS 13C-PCB-202	75.8	40 - 145
					IS 13C-PCB-206	105	40 - 145
					IS 13C-PCB-208	81.0	40 - 145
					IS 13C-PCB-209	123	40 - 145
					CRS 13C-PCB-79	88.7	40 - 145
					CRS 13C-PCB-178	77.1	40 - 145

LCL-UCL - Lower control limit - upper control limit

Sample ID: PDI-175SC-A-00-01-200522

EPA Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2001156-01	Date Received:	27-May-2020 10:27
Project:	Gasco PDI	Sample Size:	5.75 g	QC Batch:	B0F0004	Date Extracted:	02-Jun-2020 8:44
Date Collected:	22-May-2020 9:25	% Solids:	92.4	Date Analyzed :	18-Jun-20 08:37	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-1	7.10				PCB-44	ND	0.553		
PCB-2	3.48			J	PCB-45	9.55			
PCB-3	6.67				PCB-46	5.63			
PCB-4/10	9.40			J	PCB-47	25.2			
PCB-5/8	20.1				PCB-48/75	9.87			
PCB-6	ND	1.09			PCB-50	ND	0.400		
PCB-7/9	ND	1.16			PCB-51	5.22			
PCB-11	ND	1.55			PCB-52/69	244			
PCB-12/13	ND	1.70			PCB-53	17.1			
PCB-14	ND	1.72			PCB-54	1.51			J
PCB-15	8.92				PCB-55	1.58			J
PCB-16/32	28.4				PCB-56/60	46.6			
PCB-17	18.5				PCB-57	ND	0.628		
PCB-18	21.7				PCB-58	ND	0.607		
PCB-19	9.02				PCB-61/70	202			
PCB-20/21/33	31.1				PCB-62	ND	0.404		
PCB-22	12.7				PCB-63	ND	0.682		
PCB-23	ND	1.24			PCB-65	ND	0.355		
PCB-24/27	3.78			J	PCB-66/76	160			
PCB-25	4.12			J	PCB-67	ND	0.674		
PCB-26	ND		5.89		PCB-68	ND		0.303	
PCB-28	37.2				PCB-73	ND	0.303		
PCB-29	ND	1.22			PCB-74	ND	0.616		
PCB-30	ND	0.552			PCB-77	4.48			J
PCB-31	45.2				PCB-78	ND	0.278		
PCB-34	ND	1.16			PCB-79	3.44			J
PCB-35	ND	1.28			PCB-80	ND	0.277		
PCB-36	ND	1.24			PCB-81	1.91			J
PCB-37	8.52				PCB-82	46.1			
PCB-38	ND	1.27			PCB-83	ND	0.308		
PCB-39	ND	1.36			PCB-84/92	232			
PCB-40	13.3				PCB-85/116	60.1			
PCB-41/64/71/72	48.1				PCB-86	ND	0.504		
PCB-42/59	ND	0.434			PCB-87/117/125	184			
PCB-43/49	89.4				PCB-88/91	59.8			

DL - Sample specific estimated detection limit

LCL-UCL- Lower control limit - upper control limit

EMPC - Estimated maximum possible concentration

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

Sample ID: PDI-175SC-A-00-01-200522

EPA Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2001156-01	Date Received:	27-May-2020 10:27
Project:	Gasco PDI	Sample Size:	5.75 g	QC Batch:	B0F0004	Date Extracted:	02-Jun-2020 8:44
Date Collected:	22-May-2020 9:25	% Solids:	92.4	Date Analyzed :	18-Jun-20 08:37	Column:	ZB-1

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-89	2.11			J	PCB-137	ND		19.2	
PCB-90/101	698				PCB-138/163/164	698			
PCB-93	ND	0.553			PCB-139/149	701			
PCB-94	ND		0.862		PCB-140	4.54			J
PCB-95/98/102	463				PCB-141	174			
PCB-96	ND	0.427			PCB-142	ND	0.801		
PCB-97	135				PCB-144	ND		40.7	
PCB-99	185				PCB-145	ND	0.256		
PCB-100	ND		1.30		PCB-146/165	102			
PCB-103	ND	0.527			PCB-147	10.2			
PCB-104	ND	0.439			PCB-148	ND	0.362		
PCB-105	144				PCB-150	1.21			J
PCB-106/118	410				PCB-151	267			
PCB-107/109	23.6				PCB-152	ND	0.257		
PCB-108/112	16.9				PCB-153	739			
PCB-110	513				PCB-154	9.44			
PCB-111/115	5.73			J	PCB-155	ND	0.292		
PCB-113	ND	0.340			PCB-156	65.1			
PCB-114	7.50				PCB-157	11.3			
PCB-119	9.29				PCB-158/160	78.5			
PCB-120	ND	0.281			PCB-159	ND	0.501		
PCB-121	ND	0.302			PCB-166	1.68			J
PCB-122	3.69			J	PCB-167	23.3			
PCB-123	ND		4.18		PCB-168	ND		0.471	
PCB-124	ND		15.8		PCB-169	ND	0.568		
PCB-126	0.949			J	PCB-170	264			
PCB-127	ND	0.549			PCB-171	75.3			
PCB-128/162	80.4				PCB-172	41.8			
PCB-129	22.9				PCB-173	6.48			
PCB-130	ND		35.6		PCB-174	294			
PCB-131/133	18.8				PCB-175	11.8			
PCB-132/161	185				PCB-176	39.2			
PCB-134/143	34.5				PCB-177	164			
PCB-135	109				PCB-178	54.5			
PCB-136	147				PCB-179	128			

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-175SC-A-00-01-200522

EPA Method 1668C

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2001156-01
Project:	Gasco PDI	Sample Size:	5.75 g	Date Received:	27-May-2020 10:27
Date Collected:	22-May-2020 9:25	% Solids:	92.4	QC Batch:	B0F0004
				Date Analyzed :	18-Jun-20 08:37 Column: ZB-1
				Date Extracted:	02-Jun-2020 8:44

Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers	Analyte	Conc. (pg/g)	DL	EMPC	Qualifiers
PCB-180	661				Total octaCB	604			
PCB-181	ND	0.446			Total nonaCB	65.7			
PCB-182/187	333				DecaCB	26.3			
PCB-183	173				Total PCB	10900			
PCB-184	ND	0.365							
PCB-185	35.2								
PCB-186	ND	0.339							
PCB-188	0.351			J					
PCB-189	9.49								
PCB-190	56.5								
PCB-191	12.3								
PCB-192	ND	0.360							
PCB-193	31.1								
PCB-194	120								
PCB-195	51.6								
PCB-196/203	192								
PCB-197	6.11								
PCB-198	6.79								
PCB-199	150								
PCB-200	22.4								
PCB-201	24.9								
PCB-202	23.7								
PCB-204	ND	0.362							
PCB-205	6.75								
PCB-206	48.7								
PCB-207	5.87								
PCB-208	11.1								
PCB-209	26.3								
Total monoCB	17.3								
Total diCB	38.4								
Total triCB	220		226						
Total tetraCB	888		889						
Total pentaCB	3200		3220						
Total hexaCB	3480		3580						
Total heptaCB	2390								

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-175SC-A-00-01-200522

EPA Method 1668C

Client Data		Sample Data		Laboratory Data	
Name:	Anchor QEA, LLC	Matrix:	Sediment	Lab Sample:	2001156-01
Project:	Gasco PDI	Sample Size:	5.75 g	Date Received:	27-May-2020 10:27
Date Collected:	22-May-2020 9:25	% Solids:	92.4	QC Batch:	B0F0004
				Date Analyzed :	18-Jun-20 08:37 Column: ZB-1
				Date Extracted:	02-Jun-2020 8:44

Labeled Standard	%R	LCL-UCL	Qualifiers	Labeled Standard	%R	LCL-UCL	Qualifiers
IS 13C-PCB-1	111	5 -145		13C-PCB-170	104	10 -145	
13C-PCB-3	118	5 -145		13C-PCB-180	101	10 -145	
13C-PCB-4	105	5 -145		13C-PCB-188	96.2	10 -145	
13C-PCB-11	94.3	5 -145		13C-PCB-189	98.9	10 -145	
13C-PCB-9	109	5 -145		13C-PCB-194	95.3	10 -145	
13C-PCB-19	136	5 -145		13C-PCB-202	82.7	10 -145	
13C-PCB-28	76.1	5 -145		13C-PCB-206	137	10 -145	
13C-PCB-32	142	5 -145		13C-PCB-208	120	10 -145	
13C-PCB-37	89.3	5 -145		13C-PCB-209	203	10 -145	H
13C-PCB-47	89.0	5 -145		CRS 13C-PCB-79	99.1	10 -145	
13C-PCB-52	89.8	5 -145		13C-PCB-178	87.5	10 -145	
13C-PCB-54	82.7	5 -145					
13C-PCB-70	37.0	5 -145					
13C-PCB-77	97.1	10 -145					
13C-PCB-80	88.7	10 -145					
13C-PCB-81	96.7	10 -145					
13C-PCB-95	92.7	10 -145					
13C-PCB-97	99.3	10 -145					
13C-PCB-101	95.0	10 -145					
13C-PCB-104	89.2	10 -145					
13C-PCB-105	77.2	10 -145					
13C-PCB-114	77.5	10 -145					
13C-PCB-118	97.2	10 -145					
13C-PCB-123	97.6	10 -145					
13C-PCB-126	71.2	10 -145					
13C-PCB-127	80.6	10 -145					
13C-PCB-138	96.9	10 -145					
13C-PCB-141	95.2	10 -145					
13C-PCB-153	97.1	10 -145					
13C-PCB-155	73.0	10 -145					
13C-PCB-156	96.4	10 -145					
13C-PCB-157	95.6	10 -145					
13C-PCB-159	92.5	10 -145					
13C-PCB-167	94.6	10 -145					
13C-PCB-169	94.5	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

9.7°C

COC ID: VISTA-20200522-101746

POC: Delaney Peterson (360-715-2707)

Project: Gasco PDI

Sample Custodian: CO

1605 Cornwall Avenue, Bellingham, WA 98225

Client: NW Natural

Lab: VISTA

2001156

COC Sample Number	Field Sample ID	Sample Type	Matrix	Collected Date	Time	Containers #	Lab QC*	Test Request	Method	TAT**	Preservative
* 001	PDI-1175SC-A-01-02-200522	FD	SE	05/22/2020		1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
002	PDI-175SC-A-00-01-200522	N	SE	05/22/2020	9:25	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								PCB Congeners	E1668A	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
* 003	PDI-175SC-A-01-02-200522	N	SE	05/22/2020	9:25	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
* 004	PDI-175SC-A-02-03-200522	N	SE	05/22/2020	9:25	2	<input checked="" type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C
* 005	PDI-175SC-A-03-04-200522	N	SE	05/22/2020	9:25	1	<input type="checkbox"/>				
								Dioxin/Furans	E1613B	30	4°C
								Total solids (VISTA)	SM2540G	30	4°C

Comment: * W0# 2001155

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: <i>Sasha Norwood</i>	Print Name: <i>William R. Wright</i>	Print Name:	Print Name:	Print Name:	Print Name:
Company: <i>Anchor OEA</i>	Company: <i>VAE</i>	Company:	Company:	Company:	Company:
Date/Time: <i>5/22/20 10:45</i>	Date/Time: <i>5-22-20 10:27</i>	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2001156

 TAT std

Samples Arrival:	Date/Time: 5-27-20 10:27	Initials: UFW	Location: WR-2
			Shelf/Rack: NA
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
		<input type="checkbox"/> GLS	<input type="checkbox"/> DHL
		<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input checked="" type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: 9.7 (uncorrected)	Probe used: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N		Thermometer ID: DT-3
Temp °C: 9.7 (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> </u> Trk # <u>7705 4897 1961</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: 05/28/20 0624	Initials: KS	Location: WR-2
			Shelf/Rack: G-4
COC Anomaly/Sample Acceptance Form completed?			<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2001156

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2001156-01	A PDI-175SC-A-00-01-200522	<input checked="" type="checkbox"/>	22-May-20 09:25	<input checked="" type="checkbox"/>	Amber Glass, 120 mL	Solid

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

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

Verified by/Date: KS 05/28/20



ANOMALY FORM

Vista Work Order 2001156

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

KS 05/28/20 1. The samples were received out of temperature at (WI-PHT): 9.7°C
Was Ice present: Yes No Melted Blue Ice

- 2. The Chain-of-Custody (CoC) was not relinquished properly.
- 3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
- 4. The sample(s) did not include a sample collection time. All or Sample Name: _____
- 5. A sample ID discrepancy was found. See the Reconciliation report.
The CoC Sample ID will be used unless notified otherwise.
- 6. A sample date and/or time discrepancy was found. See the Reconciliation report.
The CoC Sample date/time will be used unless notified otherwise.
- 7. The CoC did not include a sample matrix. The following sample matrix will be used: _____
- 8. Insufficient volume received for analysis. All or Sample Name: _____
- 9. The backup bottle was received broken. Sample Name: _____
- 10. CoC not received, illegible or destroyed.
- 11. The sample(s) were received out of holding time. All or Sample Name: _____
- 12. The CoC did not include an analysis. All or Sample Name: _____
- 13. Sample(s) received without collection date. All or Sample Name: _____
- 14. Sample(s) not received. All or Sample Name: _____
- 15. Sample(s) received broken. All or Sample Name: _____
- 16. An incorrect container-type was used. All or Sample Name: _____
- 17. Other:

Bolded items require sign-off

Client Contacted: Delaney Peterson

Date of Contact: 05/28/20

Vista Client Manager: Jade White

Resolution: Per Delaney Peterson via email on 05/28/20, okay to proceed

EXTRACTION INFORMATION

Process Sheet

Workorder: **2001156**

Prep Expiration: 2021-05-22
Client: Anchor QEA, LLC

Workorder Due: 24-Jun-20 00:00

TAT: 28

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

Prep Batch: BoF0004

Prep Data Entered: 06/17/20 RP
Date and Initials

Initial Sequence: S0F0053

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
2001156-01	<input checked="" type="checkbox"/>	PDI-175SC-A-00-01-200522	27-May-20 10:27	WR-2 G-4	

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

Pre-Prep Check Out: CHT 05/29/20
Pre-Prep Check In: CHT 05/29/20

Prep Check Out: ao 06/02/20
Prep Check In: ao 06/02/20

Prep Reconciled Inits/Date: CHT 05/29/20
Spike Reconciled Inits/Date: ao 06/02/20
VialBoxID: SNA

PREPARATION BENCH SHEET

Matrix: Solid

B0F0004

Chemist: AO

Method: 1668C Full List

Prepared using: HRMS - Soxhlet

Prep Date/Time: 02-Jun-20 08:44

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	Florisl CHEM/ DATE	RS CHEM/WIT DATE
<input type="checkbox"/>	B0F0004-BLK1	NA	(5.00)	AO 06/02/20	AZ 06/17/20	NA	AZ 06/17/20	NA	NA	RR ME 06/17/20
<input type="checkbox"/>	B0F0004-BS1	J	(5.00)	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	B0F0004-DUP1 2001133-01	5.63	5.64	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	B0F0004-DUP2 2001154-01	9.21	9.69	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001133-01	5.63	5.77	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001133-02	5.77	6.30	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001133-03	5.50	6.40	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001154-01	9.21	10.10	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001154-02	6.94	7.07	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001154-03	6.74	7.13	↓	↓	↓	↓	↓	↓	↓
<input type="checkbox"/>	2001156-01	5.41	5.75	↓	↓	↓	↓	↓	↓	↓

(A) Crystallized on rotovap AZ 06/17/20

(D) Gray/Purple 44% AZ 06/17/20

(B) orange concentrate before cleanup AZ 06/17/20

(C) yellow concentrate before cleanup AZ 06/17/20

IS Name <u>V2</u>	NS Name <u>V3</u>	CRS Name <u>V2</u>	RS Name <u>V2</u>	Cycle Time	APP: SEFUN SOX <u>SDS</u>	Check Out: <u>AO 06/02/20</u>
PCDD/F	PCDD/F	PCDD/F	PCDD/F	Start Date/Time <u>06/02/20</u> <u>1509</u>	SOLV: <u>Toluene</u>	Chemist/Date: <u>AO 06/02/20</u>
PCB <u>19B2601, 10uL</u>	PCB <u>19B2602, 10uL</u>	PCB <u>19B2603, 10uL</u>	PCB <u>19B2604, 10uL</u>	Stop Date/Time <u>06/03/20</u> <u>1725</u>	Other <u>NA</u>	Check In: <u>AO 06/02/20</u>
PAH	PAH	PAH	PAH	Final Volume(s) <u>Cg</u> <u>100uL</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: B0F0004

Matrix: Solid

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001133-01	5.77 ✓	88.80407	5.1240	100 ✓	02-Jun-20 08:44 ✓	ACO ✓			Sediment	1668C Full List
2001133-02	6.3	86.58228	5.4547	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
2001133-03	6.4	90.96917	5.8220	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
2001154-01	10.16	54.29184	5.5161	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
2001154-02	7.07	72	5.0904	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
2001154-03	7.13	74.1573	5.2874	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
2001156-01	5.75	92.39373	5.3126	100	02-Jun-20 08:44	ACO			Sediment	1668C Full List
B0F0004-BLK1	5			100	02-Jun-20 08:44	ACO				QC
B0F0004-BS1	5			100	02-Jun-20 08:44	ACO	19B2602 ✓	10 ✓		QC
B0F0004-DUP1	5.64			100	02-Jun-20 08:44	ACO				QC
B0F0004-DUP2	9.69 ✓			100 ✓	02-Jun-20 08:44 ✓	ACO ✓				QC

All bolded data on report verified against written benchsheet by (initial/date) RR / 06/17/20

Percent Moisture/ Percent Solids

D2216-90

BATCH ID BOE0248

Analyst: CHT	Test Code: %Moist/%Solids	Data Entry Verified by (Initial and Date) <i>CD 06/02/20</i>
Analyte: Dried at 110°C +/- 5°C	Units: %	
Oven ID: 01 02		

Inst HRMS-9 Date/Time IN: 5/29/2020 0942 Date/Time OUT: 06/01/20 0928

Particle Size	SampID	SampType	Initial and Date: Pan Tare Wt. (gms)	Date		Dry Sample Weight (g)	%Solids RawVal	Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*
				05/29/20	06/01/20								
	2001154-01	Sample	1.3000	5.9600	3.8300	2.5300	54.29	MUD	NA	NA	NA	NA	X
	2001154-02	Sample	1.3000	7.5500	5.8000	4.5000	72.00	MUD	NA	NA	NA	NA	X
	2001154-03	Sample	1.3000	7.5300	5.9200	4.6200	74.16	SOIL	NA	NA	NA	NA	X
	2001156-01	Sample	1.2900	5.7600	5.4200	4.1300	92.39	SOIL	NA	NA	NA	NA	X

*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90

BATCH ID B0E0248

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

Inst **HRMS-9** Date/Time IN: **05/29/20 0942** Date/Time OUT: **06/01/20 0928**

Particle Size	Sample ID	SampType	initial and Date:		Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	Visual Inspection	Cl-	pH Before	pH After	Acid Added	Sample Homogenized*
			Pan Tare Wt. (gms)	CHT 05/29/20										
	2001154-01	A ↓	1.30	CHT 05/29/20	5.96	3.83		Mud ↓					✓	
	2001154-02	↓	1.30	CHT 06/01/20	7.55	5.80	CHT 06/01/20	/					✓	
	2001154-03	↓	1.30		7.53	5.92		Soil ↓					✓	
	2001156-01	↓	1.29		5.76	5.42							✓	

*Sample homogenized in sample container unless otherwise noted.

SAMPLE DATA – EPA METHOD 1668C

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time
Printed: Friday, June 19, 2020 10:33:36 Pacific Daylight Time

He 6-19-2020 *(-1 07/09/2020)*

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
1	1 PCB-1			NO	1.17	5.000	15.52		1.001		YES			0.312	
2	2 PCB-2			NO	1.18	5.000	17.94		0.988		YES			0.302	
3	3 PCB-3			NO	1.15	5.000	18.17		1.001		YES			0.312	
4	4 PCB-4/10			NO	1.25	5.000	19.59		1.004		YES			1.31	
5	5 PCB-7/9			NO	0.960	5.000	21.38		1.003		YES			1.07	
6	6 PCB-6			NO	1.02	5.000	22.04		1.033		YES			1.00	
7	7 PCB-5/8			NO	0.992	5.000	22.44		1.052		YES			1.04	
8	8 PCB-14			NO	1.02	5.000	23.58		0.952		YES			1.04	
9	9 PCB-11			NO	1.13	5.000	24.80		1.001		YES			0.941	
10	10 PCB-12/13			NO	1.03	5.000	25.23		1.018		YES			1.03	
11	11 PCB-15			NO	1.03	5.000	25.54		1.031		YES			1.02	
12	12 PCB-19			NO	1.11	5.000	23.77		1.001		YES			0.743	
13	13 PCB-30			NO	1.79	5.000	24.67		1.039		YES			0.458	
14	14 PCB-18			NO	0.818	5.000	25.45		0.952		YES			0.718	
15	15 PCB-17			NO	0.758	5.000	25.63		0.958		YES			0.774	
16	16 PCB-24/27			NO	1.08	5.000	26.24		0.981		YES			0.542	
17	17 PCB-16/32			NO	0.925	5.000	26.76		1.001		YES			0.634	
18	18 PCB-34			NO	0.945	5.000	27.56		0.959		YES			0.479	
19	19 PCB-23			NO	0.883	5.000	27.65		0.962		YES			0.513	
20	20 PCB-29			NO	0.893	5.000	27.91		0.971		YES			0.507	
21	21 PCB-26			NO	0.944	5.000	28.14		0.979		YES			0.480	
22	22 PCB-25			NO	0.950	5.000	28.29		0.984		YES			0.477	
23	23 PCB-31			NO	1.04	5.000	28.66		0.997		YES			0.437	
24	24 PCB-28			NO	1.03	5.000	28.77		1.001		YES			0.442	
25	25 PCB-20/21/33			NO	0.941	5.000	29.41		1.023		YES			0.481	
26	26 PCB-22			NO	0.973	5.000	29.85		1.038		YES			0.466	
27	27 PCB-36			NO	1.08	5.000	30.50		0.931		YES			0.481	
28	28 PCB-39			NO	0.988	5.000	30.98		0.946		YES			0.523	
29	29 PCB-38			NO	1.05	5.000	31.78		0.970		YES			0.492	
30	30 PCB-35			NO	1.04	5.000	32.32		0.987		YES			0.496	
31	31 PCB-37			NO	1.01	5.000	32.77		1.001		YES			0.513	
32	32 PCB-54			NO	1.08	5.000	27.62		1.001		YES			0.324	

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:33:36 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50			NO	0.880	5.000	28.81		1.044		YES			0.397	
34	34 PCB-53			NO	0.997	5.000	29.50		0.944		YES			0.436	
35	35 PCB-51			NO	1.07	5.000	29.84		0.955		YES			0.408	
36	36 PCB-45			NO	0.858	5.000	30.29		0.969		YES			0.506	
37	37 PCB-46			NO	0.831	5.000	30.78		0.985		YES			0.523	
38	38 PCB-52/69			NO	1.17	5.000	31.28		1.001		YES			0.372	
39	39 PCB-73			NO	1.44	5.000	31.39		1.005		YES			0.301	
40	40 PCB-43/49			NO	1.02	5.000	31.57		1.010		YES			0.427	
41	41 PCB-47			NO	0.922	5.000	31.79		1.001		YES			0.457	
42	42 PCB-48/75			NO	1.12	5.000	31.90		1.004		YES			0.376	
43	43 PCB-65			NO	1.28	5.000	32.17		1.013		YES			0.328	
44	44 PCB-62			NO	1.13	5.000	32.28		1.016		YES			0.373	
45	45 PCB-44			NO	0.824	5.000	32.62		1.027		YES			0.511	
46	46 PCB-42/59			NO	1.05	5.000	32.85		1.034		YES			0.401	
47	47 PCB-41/64/71/72			NO	1.19	5.000	33.45		1.053		YES			0.355	
48	48 PCB-68			NO	1.28	5.000	33.70		1.061		YES			0.330	
49	49 PCB-40			NO	0.602	5.000	33.93		1.068		YES			0.699	
50	50 PCB-57			NO	1.16	5.000	34.30		0.969		YES			0.298	
51	51 PCB-67			NO	1.08	5.000	34.62		0.978		YES			0.320	
52	52 PCB-58			NO	1.20	5.000	34.74		0.982		YES			0.288	
53	53 PCB-63			NO	1.07	5.000	34.90		0.986		YES			0.323	
54	54 PCB-74			NO	1.19	5.000	35.20		0.994		YES			0.293	
55	55 PCB-61/70			NO	1.05	5.000	35.41		1.000		YES			0.329	
56	56 PCB-76/66			NO	1.16	5.000	35.60		1.006		YES			0.298	
57	57 PCB-80			NO	1.19	5.000	35.84		1.001		YES			0.290	
58	58 PCB-55			NO	1.17	5.000	36.16		1.010		YES			0.295	
59	59 PCB-56/60			NO	1.02	5.000	36.68		1.024		YES			0.338	
60	60 PCB-79			NO	1.14	5.000	37.78		1.055		YES			0.302	
61	61 PCB-78			NO	1.14	5.000	38.50		0.987		YES			0.322	
62	62 PCB-81			NO	1.05	5.000	39.04		1.000		YES			0.350	
63	63 PCB-77			NO	1.14	5.000	39.66		1.000		YES			0.338	
64	64 PCB-104			NO	1.12	5.000	32.46		1.001		YES			0.486	
65	65 PCB-96			NO	1.15	5.000	33.78		1.041		YES			0.472	
66	66 PCB-103			NO	0.936	5.000	34.34		1.059		YES			0.582	
67	67 PCB-100			NO	0.954	5.000	34.69		1.069		YES			0.572	
68	68 PCB-94			NO	0.949	5.000	35.18		0.985		YES			0.752	

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
69	69 PCB-95/98/102			NO	1.20	5.000	35.65		0.999		YES			0.592	
70	70 PCB-93			NO	0.935	5.000	35.77		1.002		YES			0.763	
71	71 PCB-88/91			NO	1.06	5.000	36.12		1.012		YES			0.670	
72	72 PCB-121			NO	1.71	5.000	36.21		1.015		YES			0.417	
73	73 PCB-84/92			NO	1.02	5.000	37.08		0.990		YES			0.711	
74	74 PCB-89			NO	1.11	5.000	37.25		0.995		YES			0.654	
75	75 PCB-90/101			NO	1.12	5.000	37.46		1.000		YES			0.644	
76	76 PCB-113			NO	1.51	5.000	37.70		1.007		YES			0.478	
77	77 PCB-99			NO	1.32	5.000	37.79		1.009		YES			0.547	
78	78 PCB-119			NO	1.81	5.000	38.28		0.987		YES			0.445	
79	79 PCB-108/112			NO	1.44	5.000	38.44		0.991		YES			0.555	
80	80 PCB-83			NO	1.83	5.000	38.59		0.995		YES			0.438	
81	81 PCB-97			NO	1.28	5.000	38.80		1.000		YES			0.626	
82	82 PCB-86			NO	1.12	5.000	38.95		1.004		YES			0.718	
83	83 PCB-87/117/125			NO	1.56	5.000	39.10		1.008		YES			0.515	
84	84 PCB-111/115			NO	1.91	5.000	39.25		1.012		YES			0.420	
85	85 PCB-85/116			NO	1.41	5.000	39.38		1.015		YES			0.569	
86	86 PCB-120			NO	2.01	5.000	39.64		1.022		YES			0.400	
87	87 PCB-110			NO	1.74	5.000	39.77		1.026		YES			0.460	
88	88 PCB-82			NO	0.781	5.000	40.44		0.976		YES			0.805	
89	89 PCB-124			NO	1.40	5.000	41.15		0.993		YES			0.450	
90	90 PCB-107/109			NO	1.34	5.000	41.29		0.996		YES			0.469	
91	91 PCB-123			NO	1.20	5.000	41.46		1.000		YES			0.525	
92	92 PCB-106/118			NO	1.22	5.000	41.67		1.001		YES			0.471	
93	93 PCB-114			NO	1.14	5.000	42.33		1.000		YES			0.326	
94	94 PCB-122			NO	0.944	5.000	42.47		1.004		YES			0.394	
95	95 PCB-105			NO	1.05	5.000	43.21		1.000		YES			0.350	
96	96 PCB-127			NO	1.06	5.000	43.55		1.000		YES			0.333	
97	97 PCB-126			NO	1.17	5.000	45.52		1.000		YES			0.340	
98	98 PCB-155			NO	1.04	5.000	36.98		1.000		YES			0.461	
99	99 PCB-150			NO	1.08	5.000	38.30		1.036		YES			0.444	
100	1... PCB-152			NO	1.19	5.000	38.78		1.049		YES			0.406	
101	1... PCB-145			NO	1.19	5.000	39.25		1.062		YES			0.405	
102	1... PCB-136			NO	1.02	5.000	39.58		1.071		YES			0.472	
103	1... PCB-148			NO	0.842	5.000	39.69		1.074		YES			0.572	
104	1... PCB-154			NO	0.919	5.000	40.20		1.088		YES			0.524	

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	FA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	5.000	40.86		1.105		YES			0.612	
106	1... PCB-135			NO	0.922	5.000	41.07		1.111		YES			0.522	
107	1... PCB-144			NO	0.789	5.000	41.18		1.114		YES			0.610	
108	1... PCB-147			NO	0.834	5.000	41.31		1.118		YES			0.577	
109	1... PCB-139/149			NO	0.948	5.000	41.60		1.125		YES			0.508	
110	1... PCB-140			NO	0.794	5.000	41.78		1.130		YES			0.607	
111	1... PCB-134/143			NO	0.759	5.000	42.28		0.975		YES			0.304	
112	1... PCB-131/133			NO	0.821	5.000	42.58		0.982		YES			0.281	
113	1... PCB-142			NO	0.754	5.000	42.72		0.985		YES			0.306	
114	1... PCB-146/165			NO	1.02	5.000	42.97		0.991		YES			0.227	
115	1... PCB-132/161			NO	1.02	5.000	43.20		0.996		YES			0.225	
116	1... PCB-153			NO	1.07	5.000	43.38		1.000		YES			0.215	
117	1... PCB-168			NO	1.08	5.000	43.61		1.006		YES			0.214	
118	1... PCB-141			NO	1.03	5.000	44.14		1.000		YES			0.261	
119	1... PCB-137			NO	1.11	5.000	44.54		1.010		YES			0.241	
120	1... PCB-130			NO	0.885	5.000	44.64		1.012		YES			0.302	
121	1... PCB-138/163/164			NO	1.28	5.000	45.03		1.001		YES			0.205	
122	1... PCB-158/160			NO	1.24	5.000	45.28		1.006		YES			0.212	
123	1... PCB-129			NO	0.867	5.000	45.54		1.012		YES			0.304	
124	1... PCB-166			NO	1.14	5.000	46.01		0.993		YES			0.196	
125	1... PCB-159			NO	1.22	5.000	46.34		1.000		YES			0.184	
126	1... PCB-128/162			NO	0.907	5.000	46.63		1.007		YES			0.247	
127	1... PCB-167			NO	1.11	5.000	47.04		1.000		YES			0.202	
128	1... PCB-156			NO	1.13	5.000	48.37		1.000		YES			0.198	
129	1... PCB-157			NO	1.04	5.000	48.67		1.001		YES			0.223	
130	1... PCB-169			NO	1.16	5.000	50.91		1.000		YES			0.217	
131	1... PCB-188			NO	1.29	5.000	43.01		1.001		YES			0.283	
132	1... PCB-184			NO	1.23	5.000	43.44		1.011		YES			0.297	
133	1... PCB-179			NO	1.30	5.000	44.26		1.030		YES			0.282	
134	1... PCB-176			NO	1.31	5.000	44.72		1.041		YES			0.279	
135	1... PCB-186			NO	1.33	5.000	45.35		1.055		YES			0.275	
136	1... PCB-178			NO	0.943	5.000	45.87		1.067		YES			0.387	
137	1... PCB-175			NO	0.956	5.000	46.22		1.076		YES			0.382	
138	1... PCB-182/187			NO	1.07	5.000	46.40		1.080		YES			0.343	
139	1... PCB-183			NO	1.02	5.000	46.74		1.088		YES			0.357	
140	1... PCB-185			NO	1.41	5.000	47.42		0.955		YES			0.365	

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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
141	1... PCB-174			NO	1.35	5.000	47.81		0.962		YES			0.379	
142	1... PCB-181			NO	1.47	5.000	47.90		0.964		YES			0.348	
143	1... PCB-177			NO	1.28	5.000	48.06		0.968		YES			0.401	
144	1... PCB-171			NO	1.32	5.000	48.36		0.974		YES			0.389	
145	1... PCB-173			NO	1.19	5.000	48.80		0.983		YES			0.431	
146	1... PCB-172			NO	1.38	5.000	49.28		0.992		YES			0.373	
147	1... PCB-192			NO	1.83	5.000	49.47		0.996		YES			0.281	
148	1... PCB-180			NO	1.41	5.000	49.69		1.000		YES			0.363	
149	1... PCB-193			NO	1.68	5.000	49.90		1.005		YES			0.306	
150	1... PCB-191			NO	1.71	5.000	50.17		1.010		YES			0.300	
151	1... PCB-170			NO	1.40	5.000	51.36		1.000		YES			0.426	
152	1... PCB-190			NO	1.85	5.000	51.55		1.004		YES			0.323	
153	1... PCB-189			NO	1.45	5.000	53.09		1.000		YES			0.269	
154	1... PCB-202			NO	1.17	5.000	48.59		1.001		YES			0.240	
155	1... PCB-201			NO	1.05	5.000	49.09		1.011		YES			0.267	
156	1... PCB-204			NO	1.14	5.000	49.23		1.014		YES			0.246	
157	1... PCB-197			NO	1.13	5.000	49.55		1.020		YES			0.248	
158	1... PCB-200			NO	1.07	5.000	50.48		1.040		YES			0.262	
159	1... PCB-198			NO	0.794	5.000	52.06		1.072		YES			0.354	
160	1... PCB-199			NO	0.809	5.000	52.16		1.074		YES			0.347	
161	1... PCB-196/203			NO	0.838	5.000	52.48		1.081		YES			0.335	
162	1... PCB-195			NO	1.04	5.000	53.78		0.984		YES			0.176	
163	1... PCB-194	2.09e2	1.65	YES	1.12	5.000	54.70	54.70	1.000	1.000	NO	0.82e6		0.184	0.5897
164	1... PCB-205			NO	1.29	5.000	54.97		1.005		YES			0.142	
165	1... PCB-208			NO	0.933	5.000	53.94		1.000		YES			0.165	
166	1... PCB-207			NO	0.916	5.000	54.26		1.006		YES			0.168	
167	1... PCB-206			NO	1.01	5.000	56.24		1.000		YES			0.211	
168	1... PCB-209			NO	0.986	5.000	57.45		1.000		YES			0.456	
169	1... 13C-PCB-1	1.02e6	3.27	NO	0.893	5.000	15.50	15.51	0.608	0.608	NO	1545	77.2	1.85	
170	1... 13C-PCB-3	1.06e6	3.34	NO	0.911	5.000	18.15	18.16	0.712	0.712	NO	1576	78.8	1.81	
171	1... 13C-PCB-4	8.27e5	1.60	NO	0.600	5.000	19.50	19.51	0.765	0.765	NO	1860	93.0	1.01	
172	1... 13C-PCB-9	1.32e6	1.59	NO	0.970	5.000	21.33	21.33	0.836	0.836	NO	1836	91.8	0.623	
173	1... 13C-PCB-11	1.33e6	1.57	NO	0.962	5.000	24.77	24.78	0.971	0.972	NO	1861	93.1	0.628	
174	1... 13C-PCB-19	5.64e5	1.03	NO	0.499	5.000	23.74	23.74	0.931	0.931	NO	1526	76.3	9.56	
175	1... 13C-PCB-32	8.42e5	1.06	NO	0.744	5.000	26.72	26.74	1.048	1.049	NO	1527	76.3	6.41	
176	1... 13C-PCB-28	1.26e6	1.03	NO	1.06	5.000	28.75	28.75	1.004	1.004	NO	1924	96.2	7.39	

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:33:36 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.16e6	1.05	NO	0.989	5.000	32.73	32.75	1.143	1.144	NO	1911	95.6	7.96	
178	1... 13C-PCB-54	8.03e5	0.77	NO	0.999	5.000	27.62	27.60	0.753	0.752	NO	1965	98.3	2.43	
179	1... 13C-PCB-52	6.50e5	0.79	NO	0.804	5.000	31.26	31.25	0.852	0.852	NO	1977	98.9	3.02	
180	1... 13C-PCB-47	6.84e5	0.77	NO	0.857	5.000	31.78	31.77	0.866	0.866	NO	1951	97.6	2.84	
181	1... 13C-PCB-70	8.18e5	0.79	NO	0.996	5.000	35.41	35.40	0.965	0.965	NO	2009	100	2.44	
182	1... 13C-PCB-80	8.29e5	0.79	NO	1.03	5.000	35.84	35.82	0.977	0.977	NO	1972	98.6	2.36	
183	1... 13C-PCB-81	8.07e5	0.78	NO	0.988	5.000	39.04	39.02	1.064	1.064	NO	1997	99.8	2.46	
184	1... 13C-PCB-77	7.83e5	0.80	NO	0.969	5.000	39.66	39.64	1.081	1.081	NO	1977	98.8	2.51	
185	1... 13C-PCB-104	4.52e5	1.58	NO	1.02	5.000	32.44	32.44	0.827	0.827	NO	2051	103	1.45	
186	1... 13C-PCB-95	3.53e5	1.62	NO	0.805	5.000	35.69	35.69	0.910	0.910	NO	2025	101	1.83	
187	1... 13C-PCB-101	3.45e5	1.68	NO	0.793	5.000	37.44	37.44	0.954	0.954	NO	2011	101	1.86	
188	1... 13C-PCB-97	3.12e5	1.61	NO	0.696	5.000	38.78	38.78	0.989	0.989	NO	2066	103	2.12	
189	1... 13C-PCB-123	4.15e5	1.64	NO	0.933	5.000	41.42	41.44	1.056	1.056	NO	2053	103	1.58	
190	1... 13C-PCB-118	4.44e5	1.64	NO	0.986	5.000	41.61	41.63	1.061	1.061	NO	2079	104	1.50	
191	1... 13C-PCB-114	7.78e5	1.53	NO	1.55	5.000	42.29	42.30	0.908	0.908	NO	2244	112	1.61	
192	1... 13C-PCB-105	7.91e5	1.56	NO	1.57	5.000	43.17	43.19	0.927	0.927	NO	2244	112	1.59	
193	1... 13C-PCB-127	8.07e5	1.58	NO	1.62	5.000	43.53	43.54	0.934	0.935	NO	2215	111	1.53	
194	1... 13C-PCB-126	7.65e5	1.61	NO	1.57	5.000	45.49	45.51	0.976	0.977	NO	2175	109	1.59	
195	1... 13C-PCB-155	2.16e5	1.36	NO	0.615	5.000	36.96	36.96	0.942	0.942	NO	1622	81.1	0.471	
196	1... 13C-PCB-153	6.26e5	1.28	NO	1.36	5.000	43.34	43.37	0.930	0.931	NO	2044	102	1.83	
197	1... 13C-PCB-141	5.19e5	1.30	NO	1.13	5.000	44.11	44.12	0.947	0.947	NO	2050	103	2.22	
198	1... 13C-PCB-138	5.41e5	1.30	NO	1.18	5.000	44.97	44.99	0.965	0.966	NO	2036	102	2.11	
199	1... 13C-PCB-159	6.52e5	1.27	NO	1.44	5.000	46.30	46.32	0.994	0.994	NO	2020	101	1.74	
200	2... 13C-PCB-167	6.30e5	1.28	NO	1.44	5.000	47.01	47.02	1.009	1.009	NO	1951	97.5	1.73	
201	2... 13C-PCB-156	6.39e5	1.32	NO	1.40	5.000	48.32	48.35	1.037	1.038	NO	2040	102	1.79	
202	2... 13C-PCB-157	6.35e5	1.28	NO	1.40	5.000	48.61	48.63	1.043	1.044	NO	2026	101	1.79	
203	2... 13C-PCB-169	5.98e5	1.28	NO	1.33	5.000	50.89	50.89	1.092	1.092	NO	2004	100	1.88	
204	2... 13C-PCB-188	4.34e5	0.45	NO	1.41	5.000	42.98	42.97	0.926	0.926	NO	2048	102	1.68	
205	2... 13C-PCB-180	2.97e5	0.46	NO	0.929	5.000	49.67	49.67	1.070	1.070	NO	2129	106	2.56	
206	2... 13C-PCB-170	2.59e5	0.45	NO	0.794	5.000	51.35	51.34	1.106	1.106	NO	2167	108	2.99	
207	2... 13C-PCB-189	3.44e5	0.45	NO	1.04	5.000	53.09	53.06	1.144	1.143	NO	2190	110	2.27	
208	2... 13C-PCB-202	2.77e5	0.94	NO	1.04	5.000	48.57	48.56	1.046	1.046	NO	1782	89.1	1.53	
209	2... 13C-PCB-194	4.54e5	0.90	NO	0.768	5.000	54.71	54.69	0.995	0.995	NO	1992	99.6	2.36	
210	2... 13C-PCB-208	5.37e5	0.78	NO	0.991	5.000	53.93	53.93	0.981	0.981	NO	1827	91.4	2.23	
211	2... 13C-PCB-206	3.78e5	0.79	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	2310	115	4.01	
212	2... 13C-PCB-209	3.30e5	1.22	NO	0.396	5.000	57.48	57.45	1.046	1.045	NO	2809	140	0.586	

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:33:36 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.48e6	1.58	NO	1.00	5.000	25.51	25.50	1.000	0.000	NO	2000	100	0.604	
214	2... 13C-PCB-31	1.23e6	1.03	NO	1.00	5.000	28.64	28.64	1.000	0.000	NO	2000	100	7.87	
215	2... 13C-PCB-60	8.18e5	0.79	NO	1.00	5.000	36.66	36.68	1.000	0.000	NO	2000	100	2.43	
216	2... 13C-PCB-111	4.33e5	1.64	NO	1.00	5.000	39.23	39.23	1.000	0.000	NO	2000	100	1.47	
217	2... 13C-PCB-128	4.49e5	1.29	NO	1.00	5.000	46.59	46.59	1.000	0.000	NO	2000	100	2.50	
218	2... 13C-PCB-182	3.01e5	0.46	NO	1.00	5.000	46.40	46.42	0.000	0.000	NO	2000	100	2.37	
219	2... 13C-PCB-205	5.93e5	0.91	NO	1.00	5.000	54.97	54.97	1.000	0.000	NO	2000	100	1.81	
220	2... 13C-PCB-79	9.00e5	0.77	NO	1.07	5.000	37.78	37.76	1.030	1.029	NO	2059	103	2.27	
221	2... 13C-PCB-178	3.09e5	0.45	NO	0.766	5.000	45.86	45.87	0.988	0.988	NO	1796	89.8	2.10	
222	2... 13C-PCB-79	9.00e5	0.77	NO	1.08	5.000	37.76	37.76	0.968	0.968	NO	2062	103	2.26	
223	2... 13C-PCB-178	3.09e5	0.45	NO	1.05	5.000	45.85	45.87	0.923	0.923	NO	1976	98.8	2.19	
224	2... Total Mono-PCBs				1.17	5.000	0.00		0.000		NO			0.926	0.312
225	2... Total Di-PCBs				1.05	5.000	0.00		0.000		NO			8.46	1.31
226	2... 2nd Function Tri-PCBs				1.08	5.000	0.00		0.000		NO			3.87	
227	2... 3rd Function Tri-PCBs				0.983	5.000	0.00		0.000		NO			6.79	>0.774
228	2... Total Tetra-PCBs				1.08	5.000	0.00		0.000		NO			17.8	0.699
229	2... 3rd Function Penta-PCBs				1.32	5.000	0.00		0.000		NO			18.2	
230	2... 4th Function Penta-PCBs				1.07	5.000	0.00		0.000		NO			1.74	>0.805
231	2... 3rd Function Hexa-PCBs				0.951	5.000	0.00		0.000		NO			6.72	>0.612
232	2... 4th Function Hexa-PCBs				1.03	5.000	0.00		0.000		NO			4.76	
233	2... Total Hepta-PCBs				1.36	5.000	0.00		0.000		NO			7.84	0.431
234	2... 4th Function Octa-PCBs				1.00	5.000	0.00		0.000		NO			2.30	
235	2... 5th Function Octa-PCBs				1.15	5.000	0.00		0.000		NO	0.0000		0.482	0.5897
236	2... Total Nona-PCBs				0.952	5.000	0.00		0.000		NO			0.544	0.211
237	2... Deca-CB				0.986	5.000	0.00		0.000		NO			0.456	
238	2... Total PCBs														

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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:34:10 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

Total Mono-PCBs

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

Total Di-PCBs

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

2nd Function Tri-PCBs

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

3rd Function Tri-PCBs

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

Total Tetra-PCBs

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

3rd Function Penta-PCBs

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

Vista Analytical Laboratory

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:34:10 Pacific Daylight Time

ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

4th Function Penta-PCBs

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

3rd Function Hexa-PCBs

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

4th Function Hexa-PCBs

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

Total Hepta-PCBs

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

4th Function Octa-PCBs

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

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-194	54.70	54.70	2.726e3	1.439e3	1.302e2	7.896e1	1.65	YES	2.092e2	0.00000	0.58972	0.164

Total Nona-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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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:34:10 Pacific Daylight Time

ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

Deca-CB

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

Total PCBs

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

Total Mono-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.50	15.51	1.316e7	4.044e6	7.832e5	2.394e5	3.27	NO	1.023e6	1544.9	1.85
2	13C-PCB-3	18.15	18.16	1.347e7	3.965e6	8.186e5	2.448e5	3.34	NO	1.063e6	1575.6	1.81

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	19.50	19.51	8.209e6	5.192e6	5.084e5	3.185e5	1.60	NO	8.268e5	1860.3	1.01
2	13C-PCB-9	21.33	21.33	1.309e7	8.341e6	8.100e5	5.086e5	1.59	NO	1.319e6	1835.7	0.623
3	13C-PCB-11	24.77	24.78	1.262e7	8.155e6	8.091e5	5.165e5	1.57	NO	1.326e6	1861.1	0.628
4	13C-PCB-15	25.51	25.50	1.392e7	8.803e6	9.063e5	5.754e5	1.58	NO	1.482e6	2000.0	0.604

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	23.74	23.74	4.548e6	4.367e6	2.866e5	2.776e5	1.03	NO	5.641e5	1526.4	9.56
2	13C-PCB-32	26.72	26.74	6.443e6	6.165e6	4.324e5	4.092e5	1.06	NO	8.417e5	1526.8	6.41

3rd Function Tri-Isotopes

Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.64	28.64	8.460e6	8.195e6	6.220e5	6.052e5	1.03	NO	1.227e6	2000.0	7.87
2	13C-PCB-28	28.75	28.75	8.609e6	8.198e6	6.384e5	6.179e5	1.03	NO	1.256e6	1923.8	7.39
3	13C-PCB-37	32.73	32.75	7.588e6	7.187e6	5.933e5	5.668e5	1.05	NO	1.160e6	1911.4	7.96

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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:34:10 Pacific Daylight Time

ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

Tetra-Isotopes

	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-54	27.62	27.60	4.692e6	6.048e6	3.505e5	4.526e5	0.77	NO	8.031e5	1965.4		2.43
2	13C-PCB-52	31.26	31.25	3.828e6	4.824e6	2.877e5	3.624e5	0.79	NO	6.502e5	1977.2		3.02
3	13C-PCB-47	31.78	31.77	3.889e6	5.031e6	2.982e5	3.858e5	0.77	NO	6.840e5	1951.2		2.84
4	13C-PCB-70	35.41	35.40	4.765e6	6.023e6	3.598e5	4.582e5	0.79	NO	8.180e5	2009.2		2.44
5	13C-PCB-80	35.84	35.82	4.828e6	6.016e6	3.670e5	4.622e5	0.79	NO	8.291e5	1972.2		2.36
6	13C-PCB-60	36.66	36.68	4.550e6	5.732e6	3.601e5	4.576e5	0.79	NO	8.178e5	2000.0		2.43
7	13C-PCB-79	37.78	37.76	5.041e6	6.478e6	3.927e5	5.072e5	0.77	NO	8.999e5	2059.1		2.27
8	13C-PCB-81	39.04	39.02	4.498e6	5.778e6	3.538e5	4.528e5	0.78	NO	8.067e5	1996.9		2.46
9	13C-PCB-77	39.66	39.64	4.335e6	5.460e6	3.472e5	4.358e5	0.80	NO	7.830e5	1976.9		2.51

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	32.44	32.44	3.649e6	2.279e6	2.769e5	1.747e5	1.58	NO	4.516e5	2050.8		1.45
2	13C-PCB-95	35.69	35.69	2.813e6	1.742e6	2.186e5	1.348e5	1.62	NO	3.533e5	2025.4		1.83
3	13C-PCB-101	37.44	37.44	2.810e6	1.700e6	2.163e5	1.291e5	1.68	NO	3.454e5	2011.4		1.86
4	13C-PCB-97	38.78	38.78	2.496e6	1.558e6	1.925e5	1.193e5	1.61	NO	3.117e5	2066.2		2.12
5	13C-PCB-111	39.23	39.23	3.449e6	2.145e6	2.691e5	1.642e5	1.64	NO	4.333e5	2000.0		1.47
6	13C-PCB-123	41.42	41.44	3.209e6	1.947e6	2.580e5	1.569e5	1.64	NO	4.148e5	2052.6		1.58
7	13C-PCB-118	41.61	41.63	3.507e6	2.124e6	2.758e5	1.681e5	1.64	NO	4.439e5	2078.9		1.50

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	42.29	42.30	6.044e6	3.932e6	4.710e5	3.073e5	1.53	NO	7.783e5	2243.6		1.61
2	13C-PCB-105	43.17	43.19	6.152e6	3.904e6	4.817e5	3.096e5	1.56	NO	7.913e5	2243.8		1.59
3	13C-PCB-127	43.53	43.54	6.457e6	4.037e6	4.946e5	3.125e5	1.58	NO	8.071e5	2214.8		1.53
4	13C-PCB-126	45.49	45.51	5.753e6	3.570e6	4.722e5	2.928e5	1.61	NO	7.650e5	2175.3		1.59

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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-4.qld

Last Altered: Friday, June 19, 2020 10:33:15 Pacific Daylight Time

Printed: Friday, June 19, 2020 10:34:10 Pacific Daylight Time

ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

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	43.34	43.37	4.355e6	3.401e6	3.514e5	2.742e5	1.28	NO	6.256e5	2043.7		1.83
2	13C-PCB-141	44.11	44.12	3.771e6	2.867e6	2.930e5	2.256e5	1.30	NO	5.186e5	2050.1		2.22
3	13C-PCB-138	44.97	44.99	3.838e6	2.983e6	3.056e5	2.354e5	1.30	NO	5.411e5	2036.2		2.11
4	13C-PCB-159	46.30	46.32	4.468e6	3.566e6	3.649e5	2.871e5	1.27	NO	6.520e5	2019.6		1.74
5	13C-PCB-128	46.59	46.59	3.138e6	2.459e6	2.528e5	1.957e5	1.29	NO	4.486e5	2000.0		2.50
6	13C-PCB-167	47.01	47.02	4.485e6	3.494e6	3.539e5	2.762e5	1.28	NO	6.301e5	1950.6		1.73
7	13C-PCB-156	48.32	48.35	4.550e6	3.481e6	3.632e5	2.760e5	1.32	NO	6.392e5	2040.2		1.79
8	13C-PCB-157	48.61	48.63	4.336e6	3.383e6	3.561e5	2.785e5	1.28	NO	6.347e5	2025.7		1.79
9	13C-PCB-169	50.89	50.89	3.995e6	3.105e6	3.357e5	2.625e5	1.28	NO	5.982e5	2003.6		1.88

5th Function Octa-Isotopes

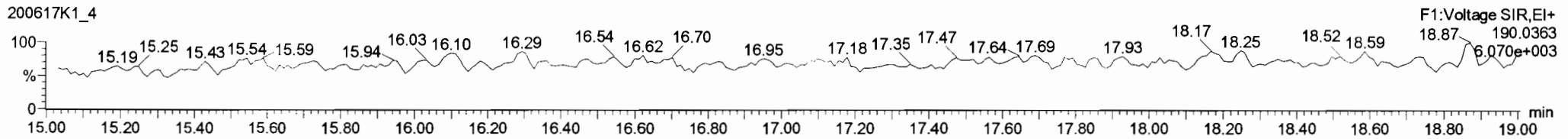
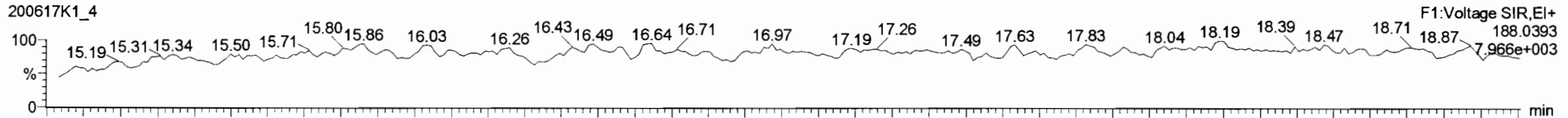
	Name	Pred.R.	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.69	3.875e6	4.296e6	2.142e5	2.393e5	0.90	NO	4.535e5	1992.0		2.36
2	13C-PCB-205	54.97	54.97	4.999e6	5.444e6	2.828e5	3.101e5	0.91	NO	5.929e5	2000.0		1.81

Dataset: Untitled

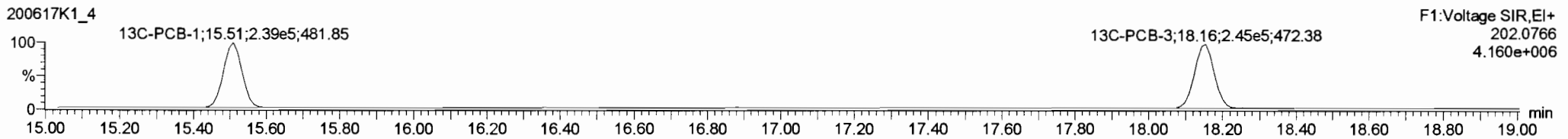
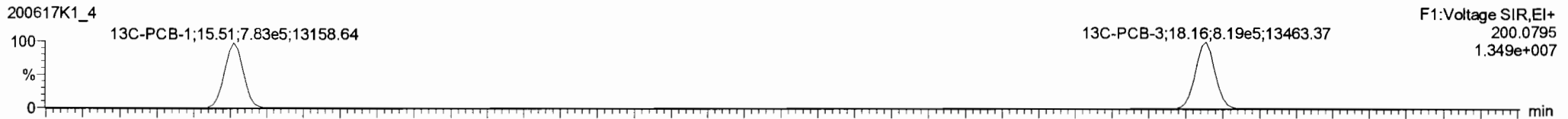
Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

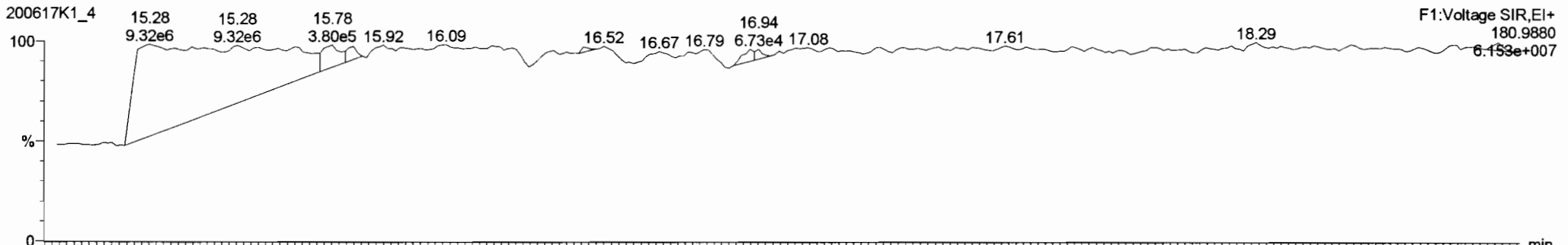
PCB-1



13C-PCB-1



PFK1

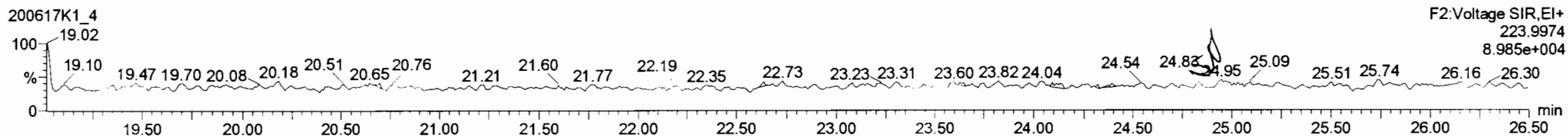
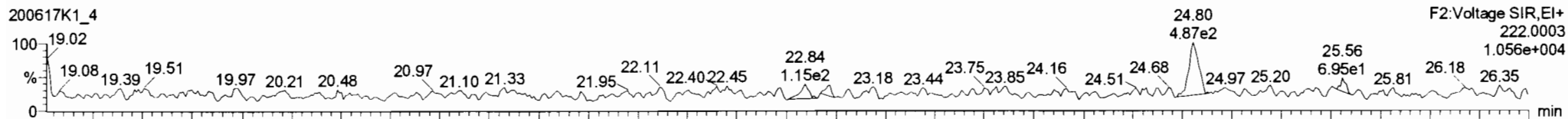


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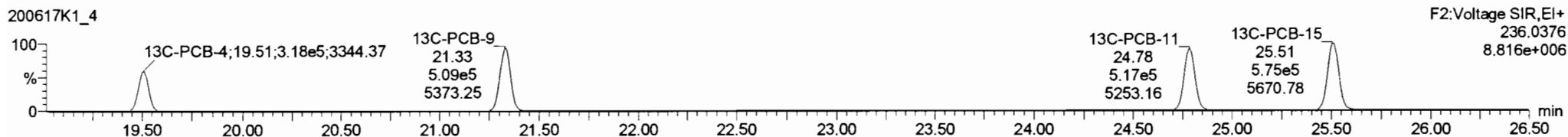
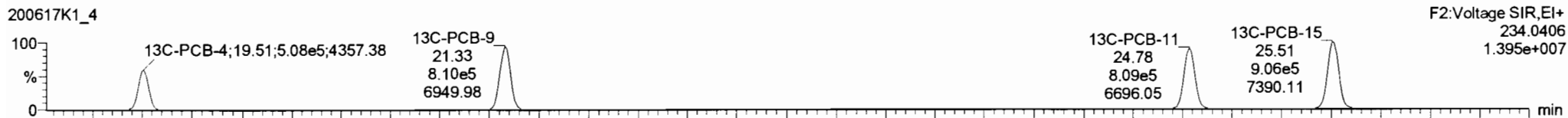
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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

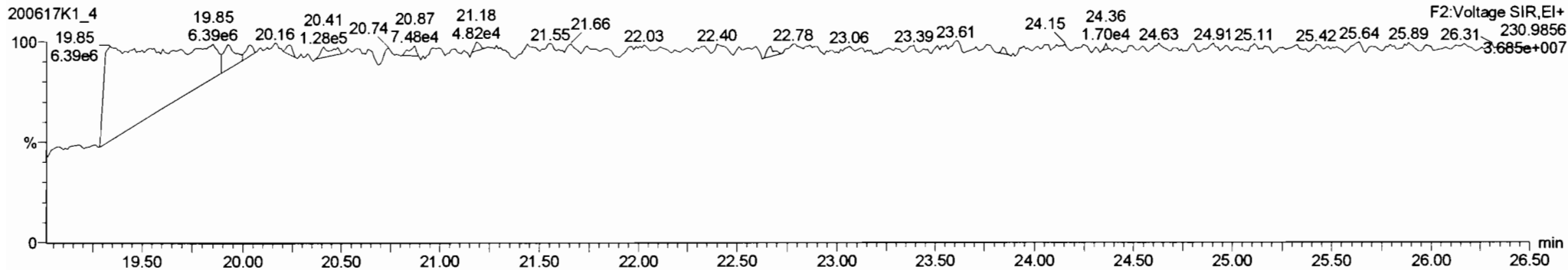
PCB-4/10



13C-PCB-4



PFK2a

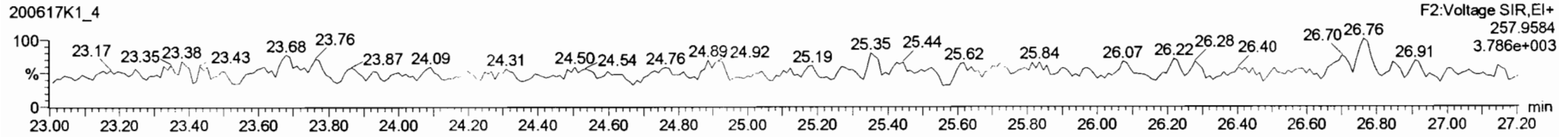
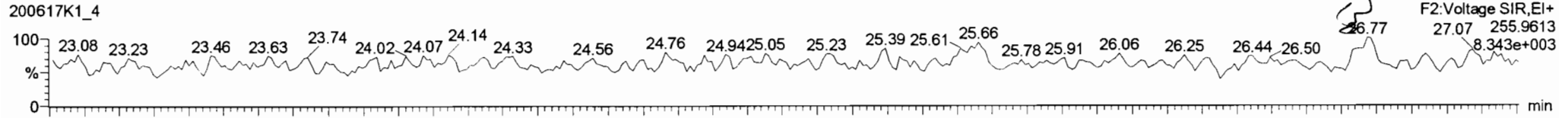


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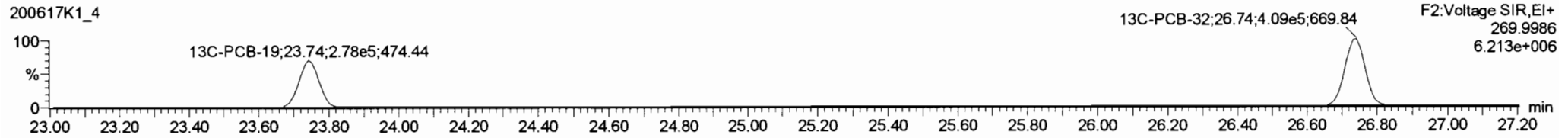
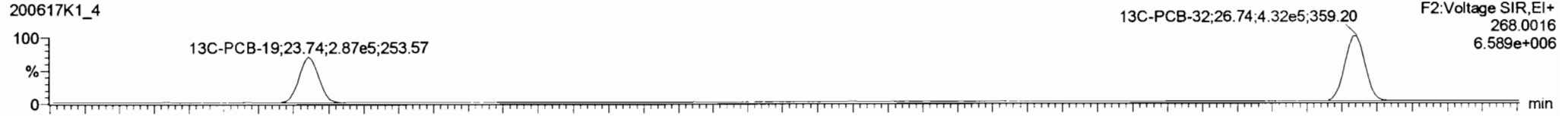
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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

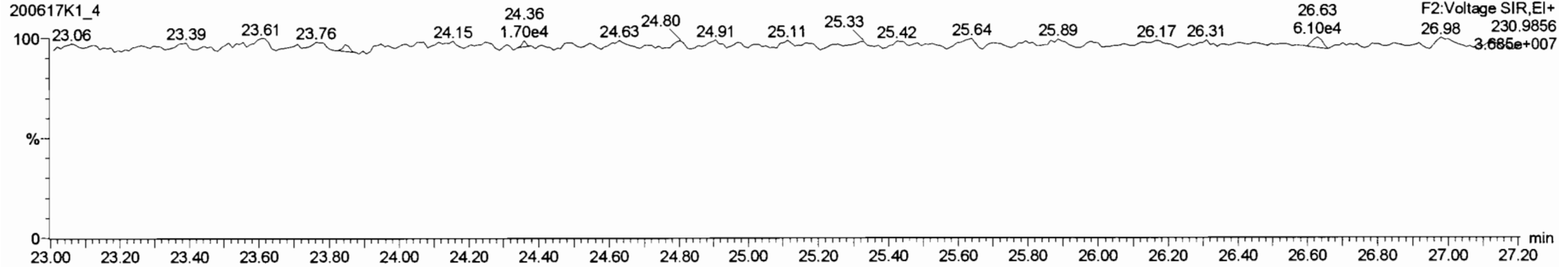
PCB-19



13C-PCB-19

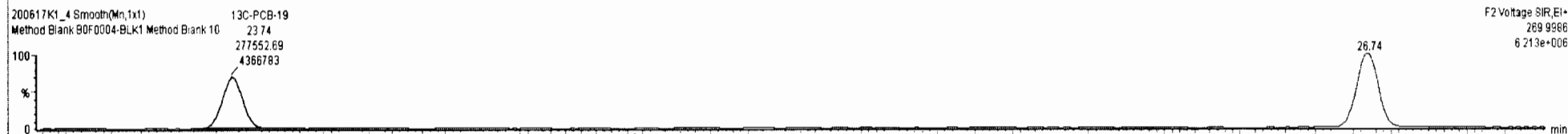
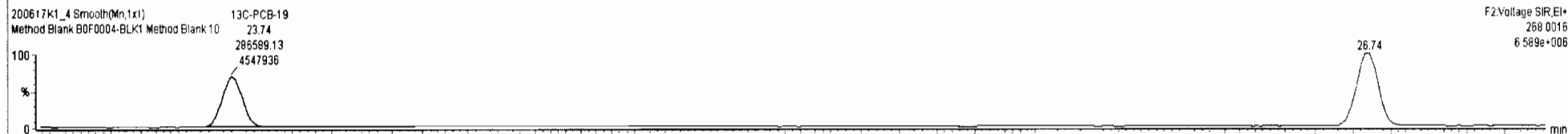
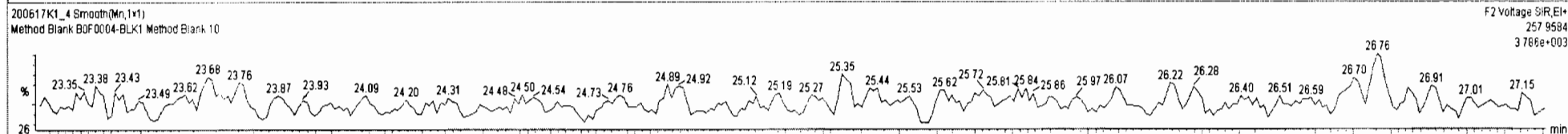
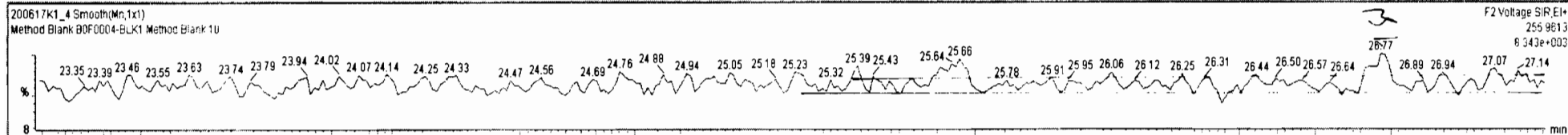


PFK2b



#	Name	Resp	RA	n/y	RRF	wtAvail	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
220	13C-PCB-79	9.00e5	0.77	NO	1.0689	5.000	37.78	37.76	1.030	1.029	NO	2059	103	2.27	
221	13C-PCB-178	3.09e5	0.45	NO	0.7665	5.000	45.86	45.87	0.988	0.988	NO	1796	89.8	2.10	
222	13C-PCB-79	9.00e5	0.77	NO	1.0821	5.000	37.76	37.76	0.968	0.968	NO	2062	103	2.26	
223	13C-PCB-178	3.09e5	0.45	NO	1.0508	5.000	45.85	45.87	0.923	0.923	NO	1976	98.8	2.19	
224	Total Mono-PCBs				1.1665	5.000	0.00		0.000		NO			0.926	
225	Total Di-PCBs				1.0537	5.000	0.00		0.000		NO			8.46	
226	2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO			3.87	
227	3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO			6.79	
228	Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO			11.9	
229	3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO			16.3	

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1										



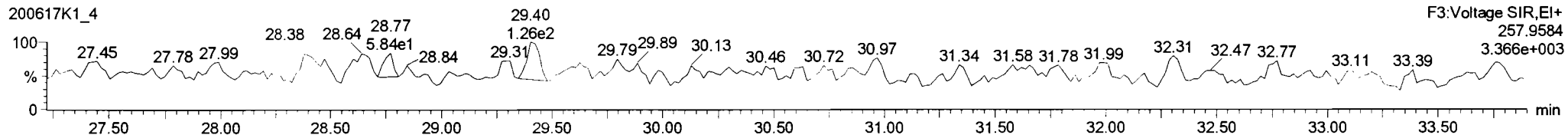
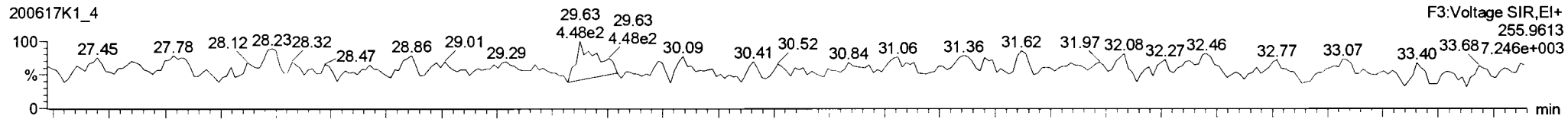
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Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time

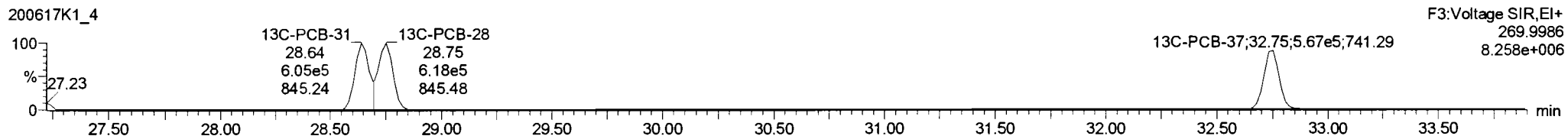
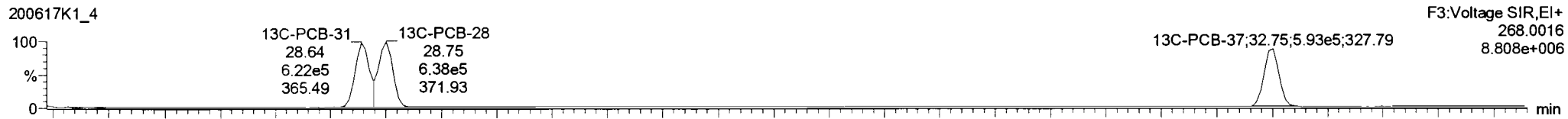
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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

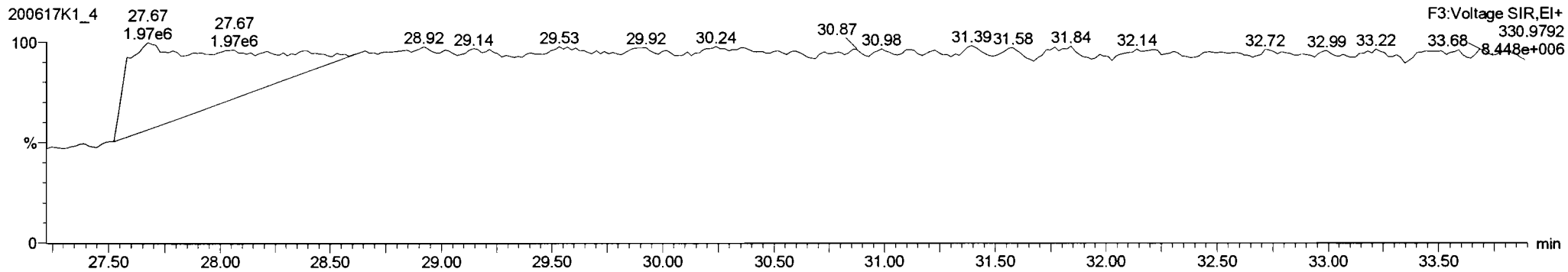
PCB-34



13C-PCB-28



PFK3d

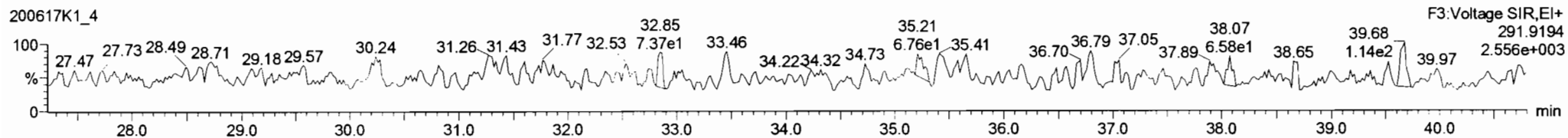
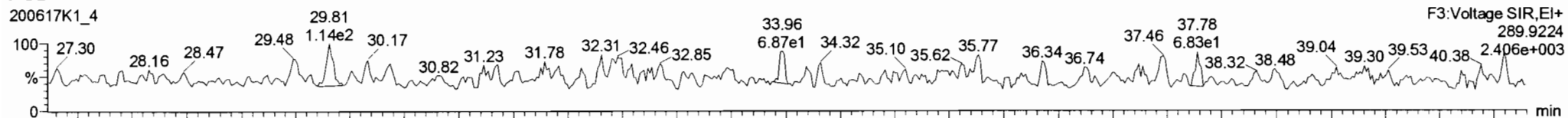


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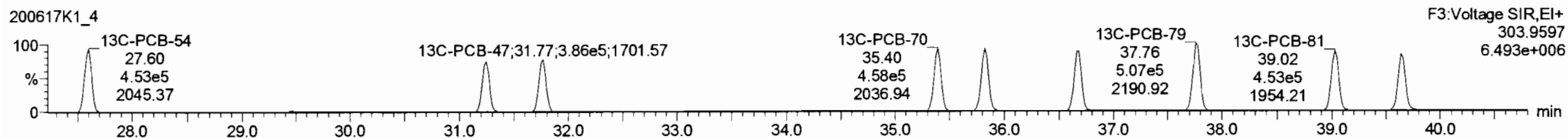
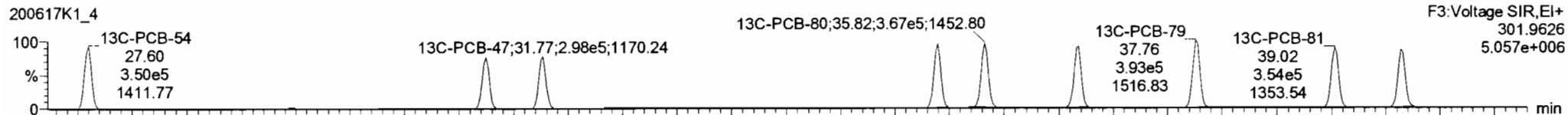
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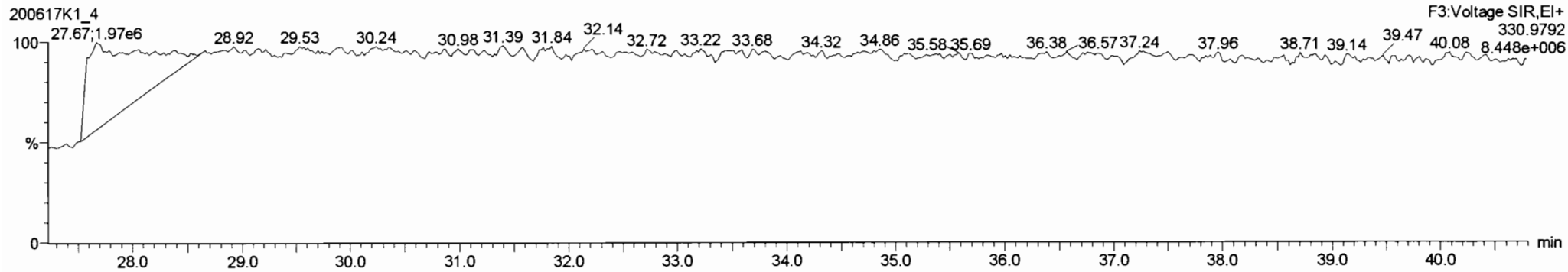
PCB-54



13C-PCB-54



PFK3a



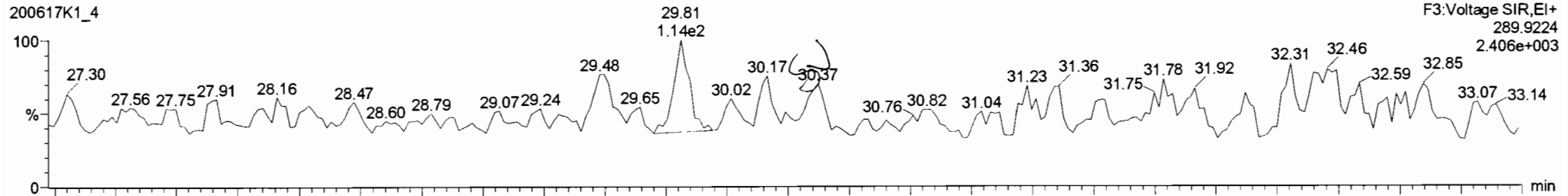
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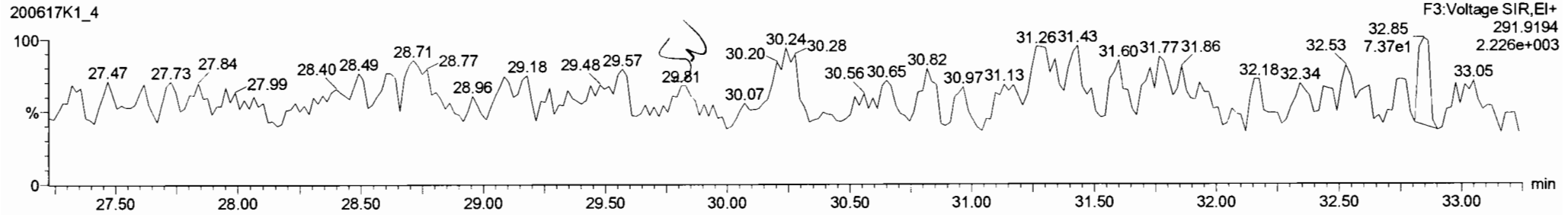
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PCB-50

200617K1_4

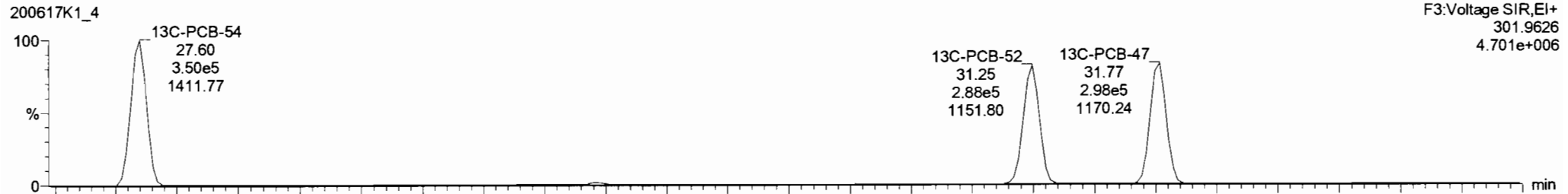


200617K1_4

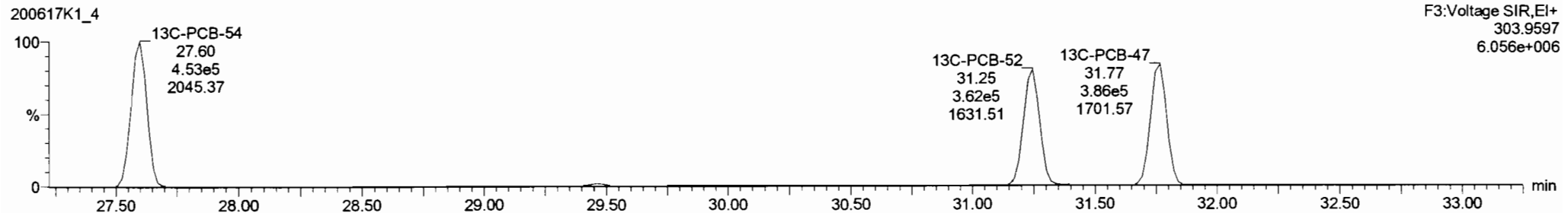


13C-PCB-52

200617K1_4



200617K1_4



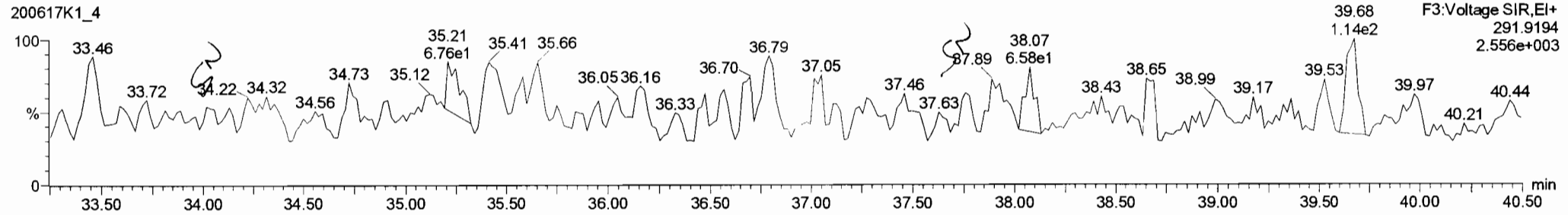
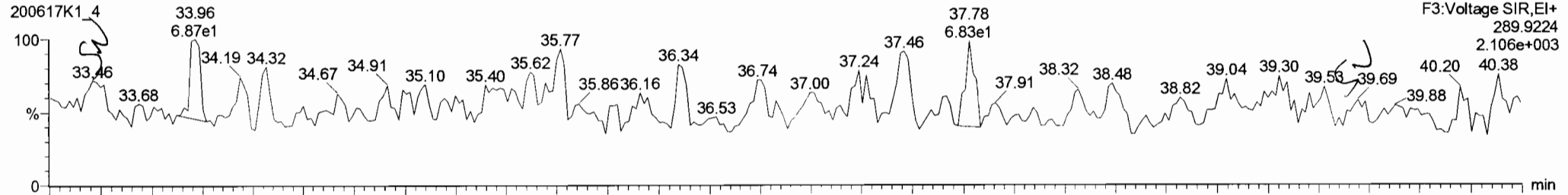
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time

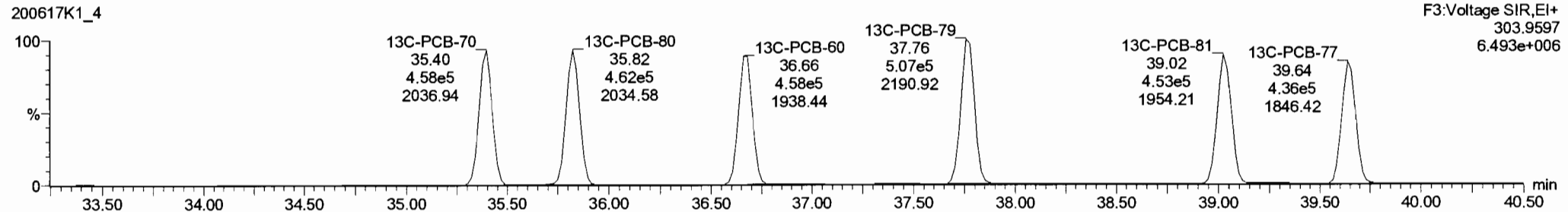
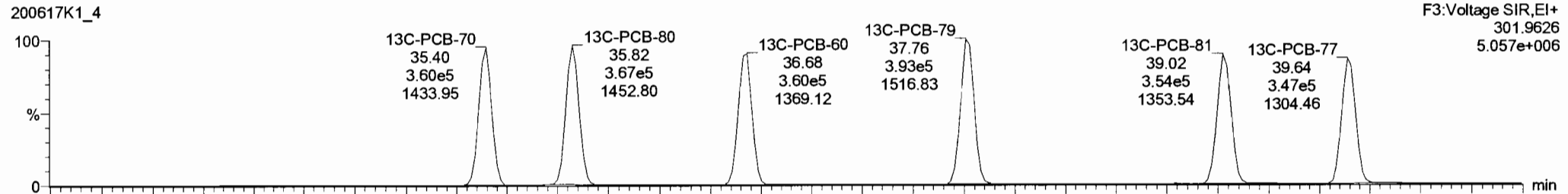
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

PCB-68



13C-PCB-60



Dataset: Untitled

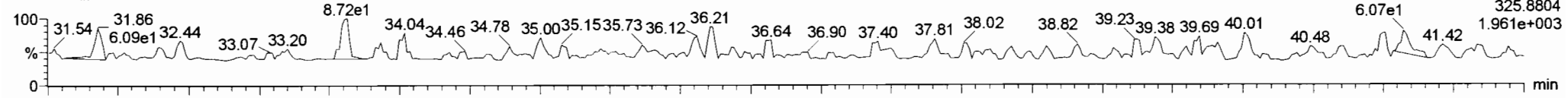
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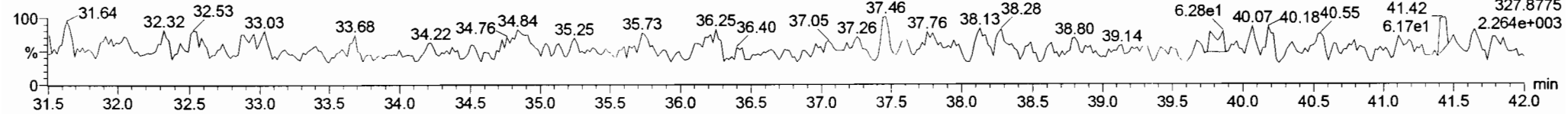
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PCB-104

200617K1_4

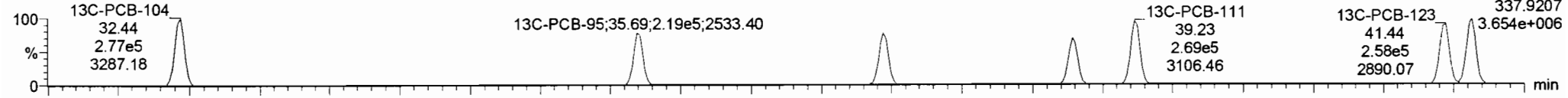


200617K1_4

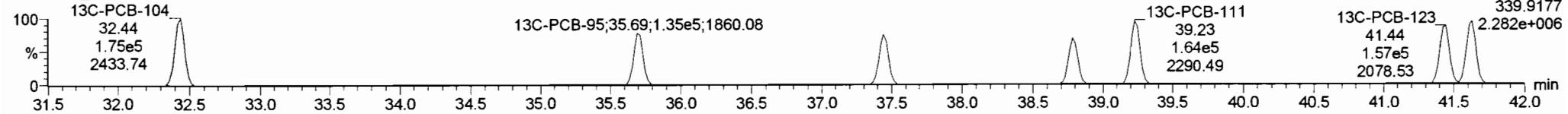


13C-PCB-104

200617K1_4

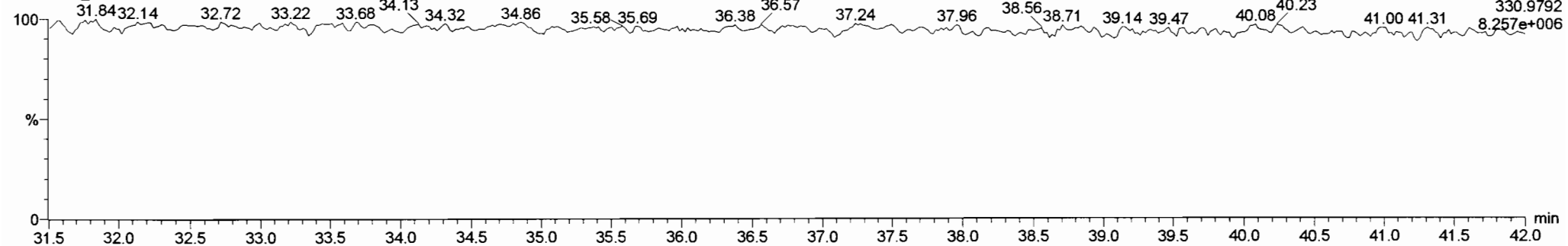


200617K1_4



PFK3b

200617K1_4



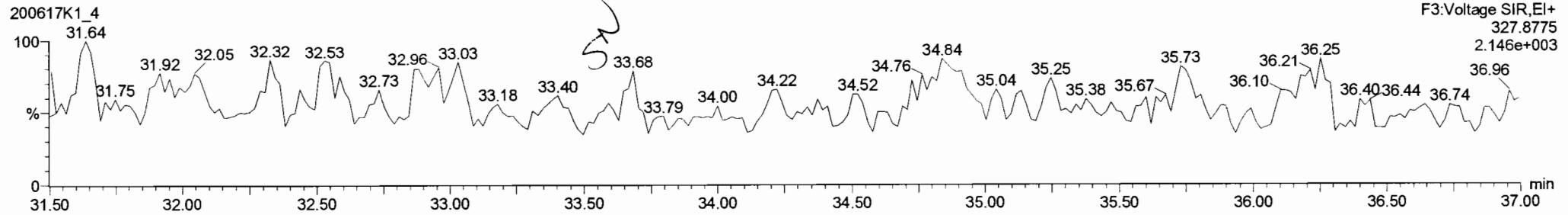
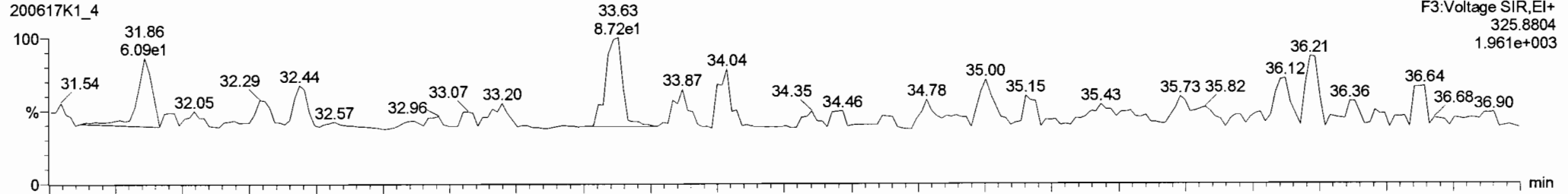
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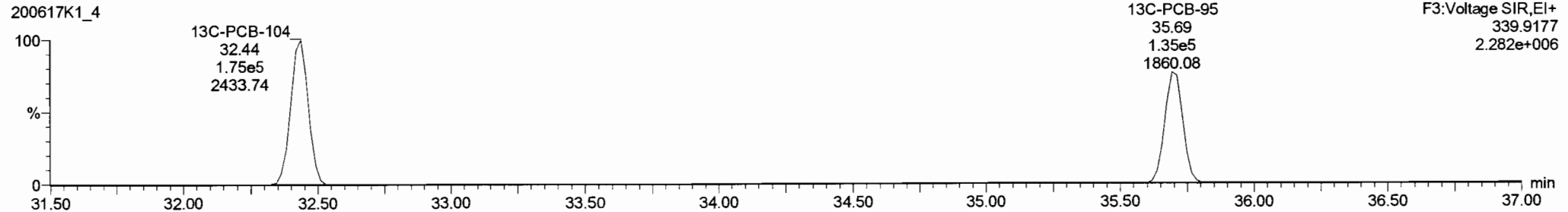
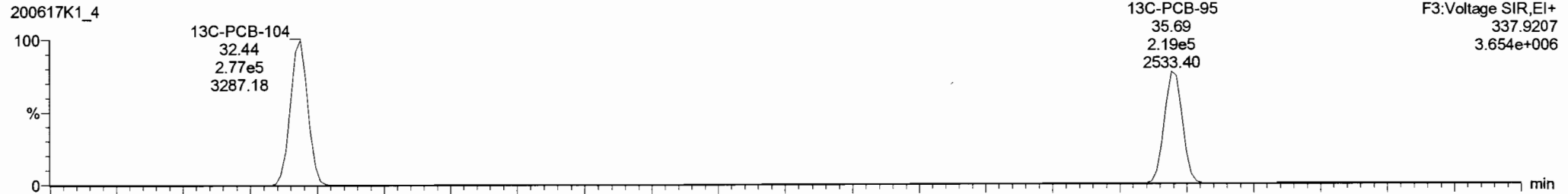
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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

PCB-96



13C-PCB-95



Dataset: Untitled

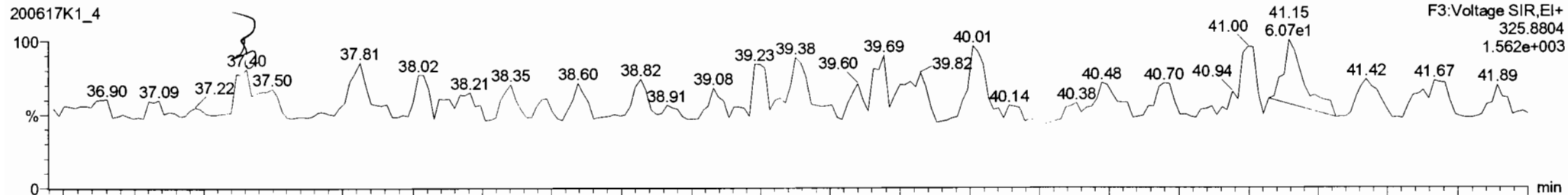
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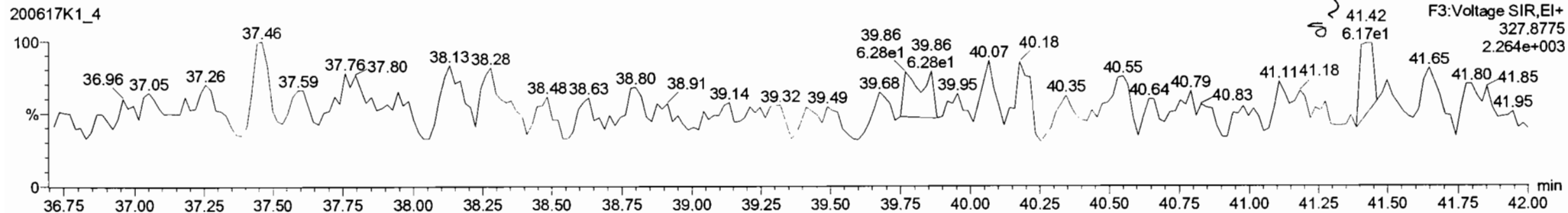
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PCB-119

200617K1_4

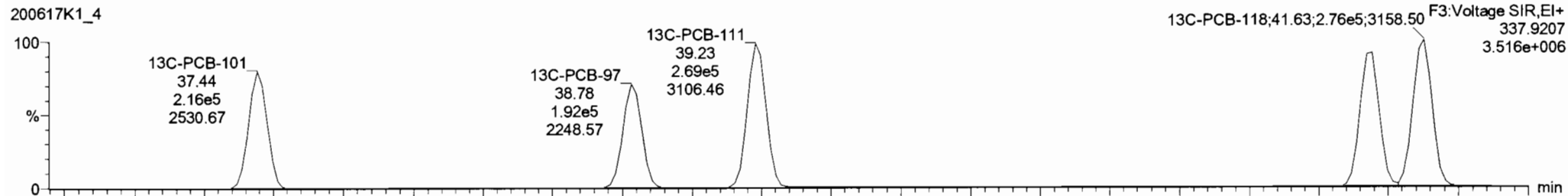


200617K1_4

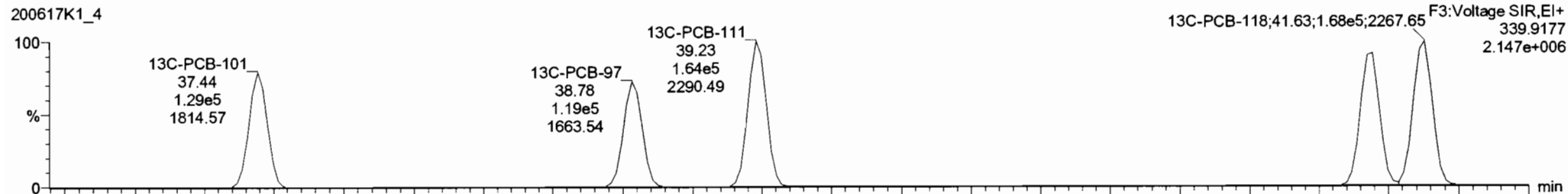


13C-PCB-111

200617K1_4



200617K1_4

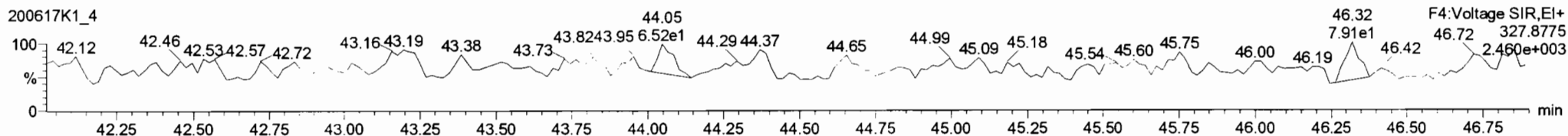
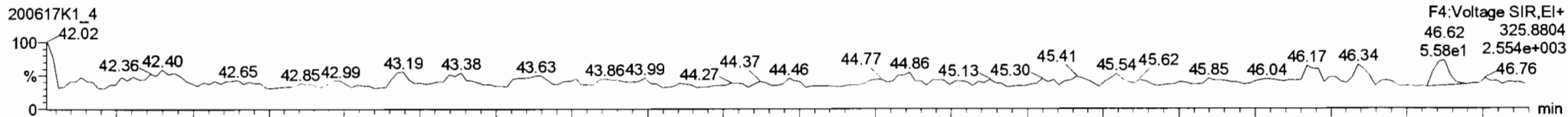


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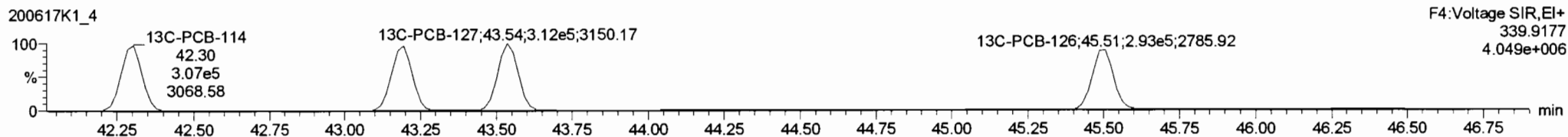
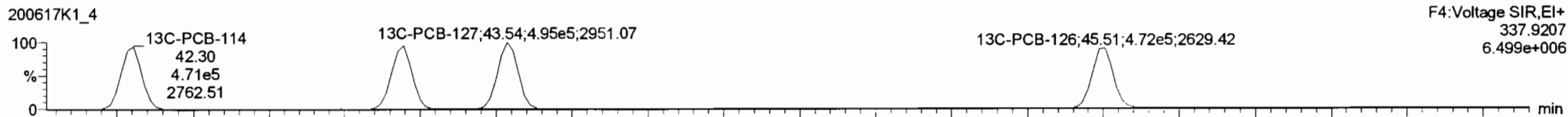
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Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

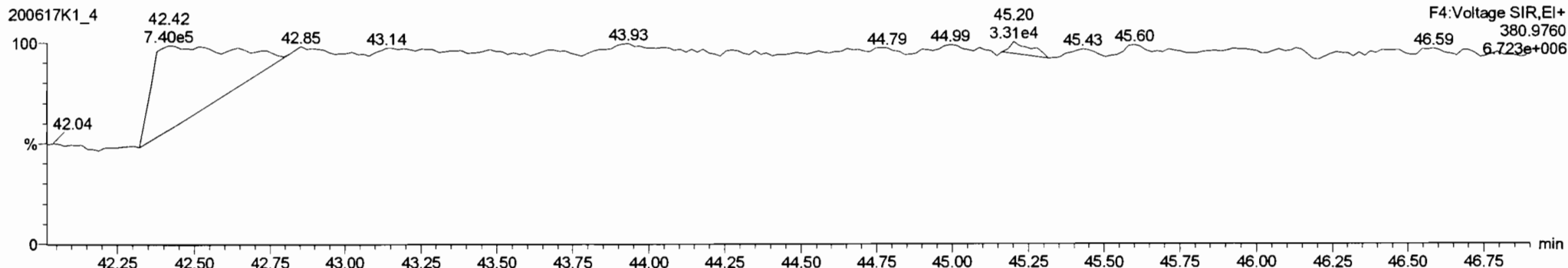
PCB-114



13C-PCB-114



PFK4a



Dataset: Untitled

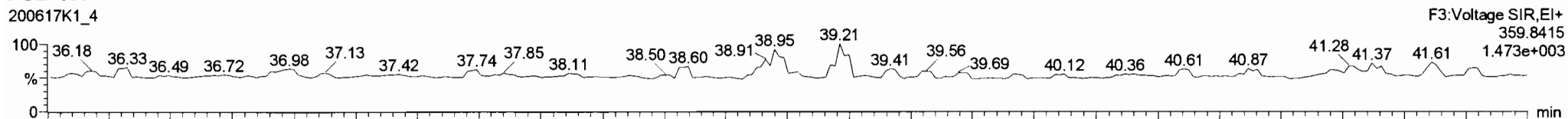
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Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

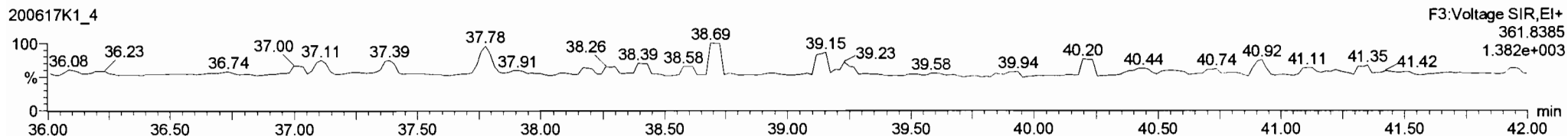
Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

PCB-155

200617K1_4

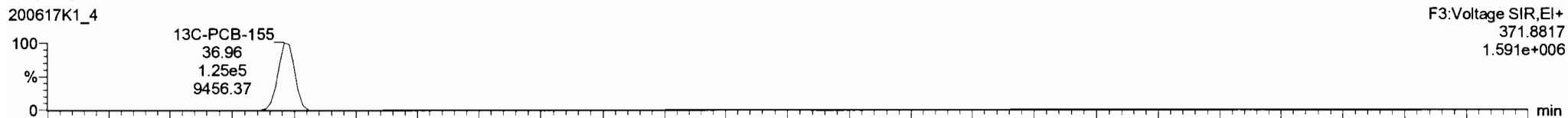


200617K1_4

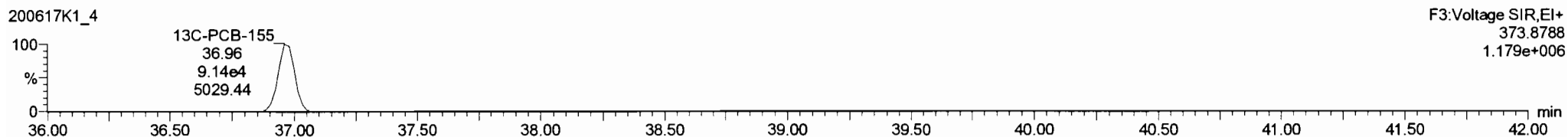


13C-PCB-155

200617K1_4

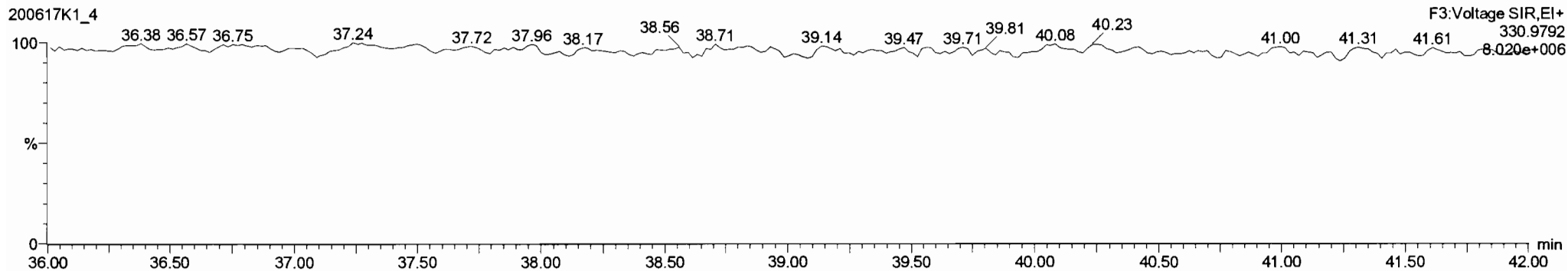


200617K1_4



PFK3c

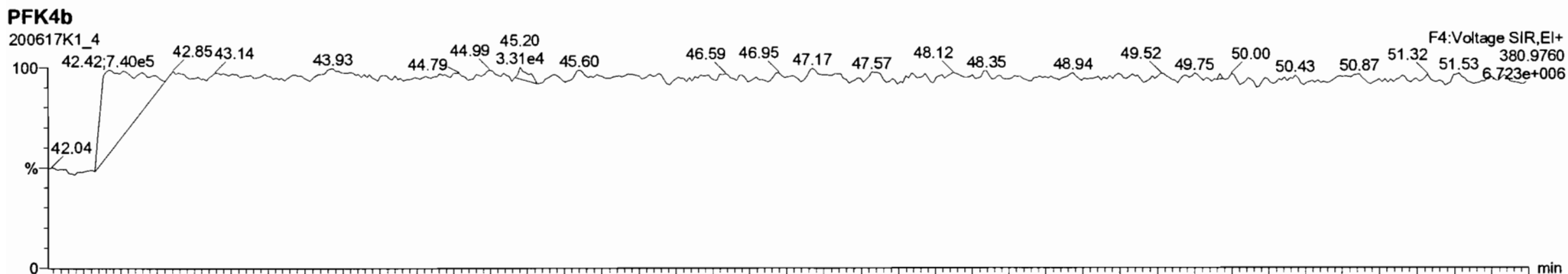
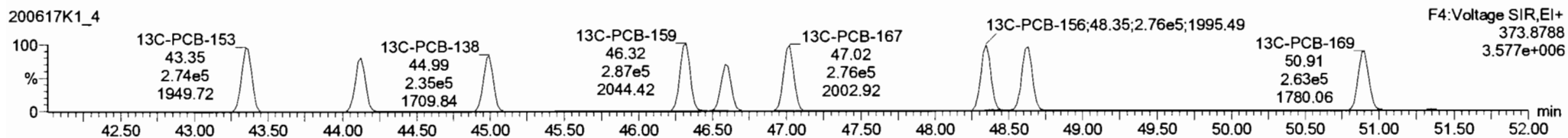
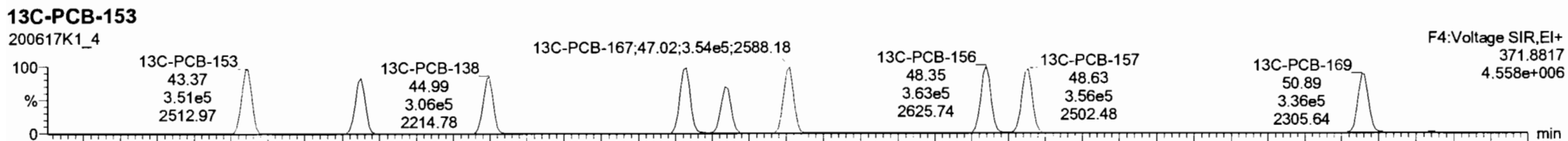
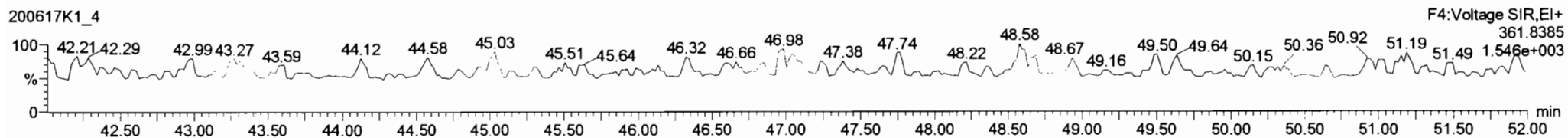
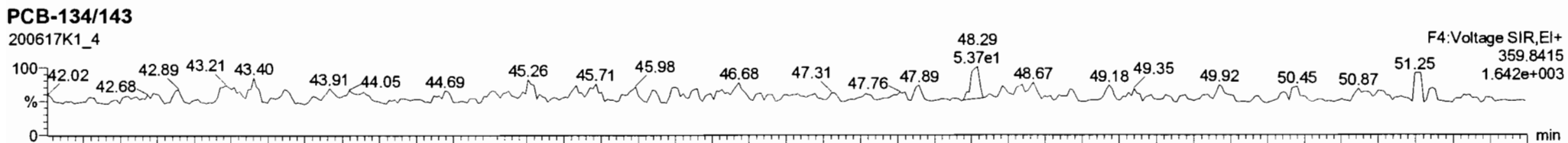
200617K1_4



Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

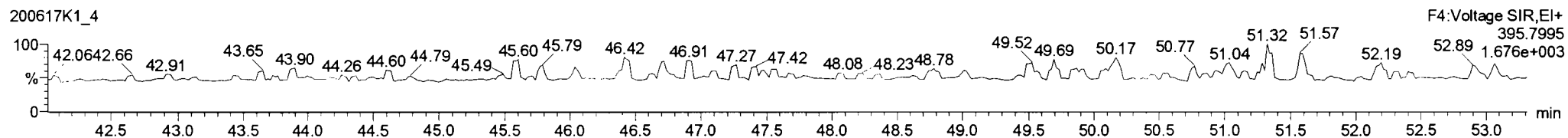
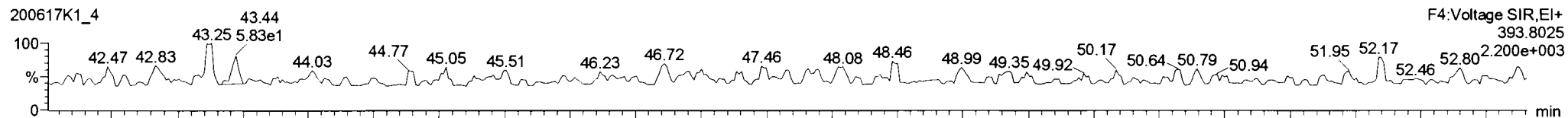


Dataset: Untitled

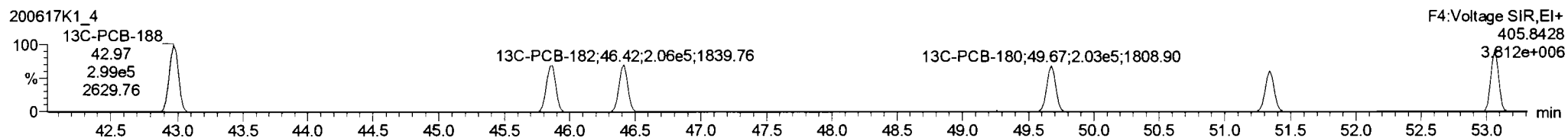
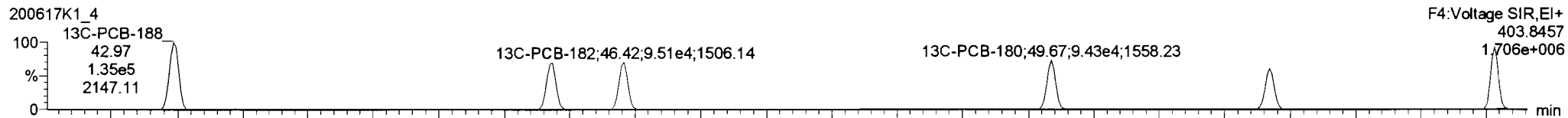
Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

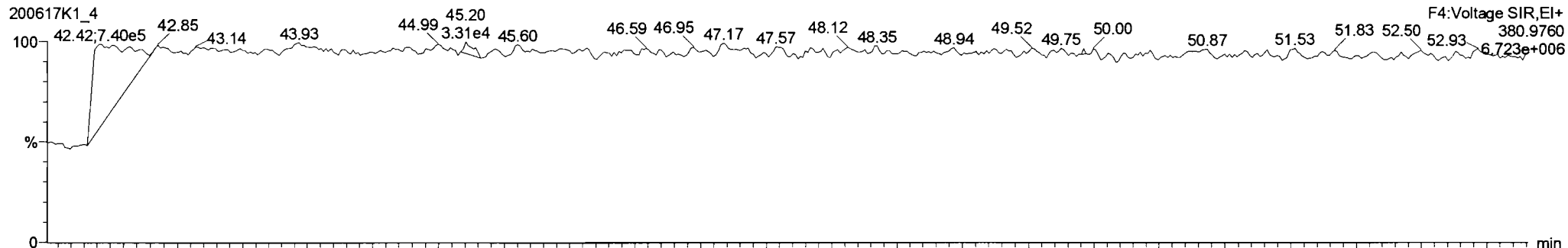
PCB-188



13C-PCB-188



PFK4c



Dataset: Untitled

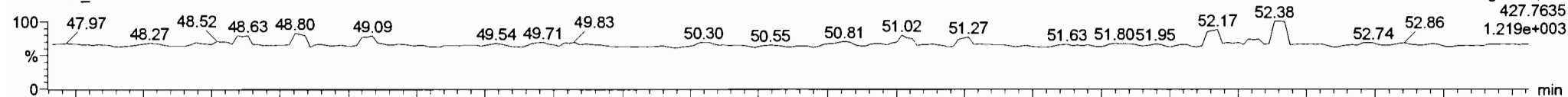
Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

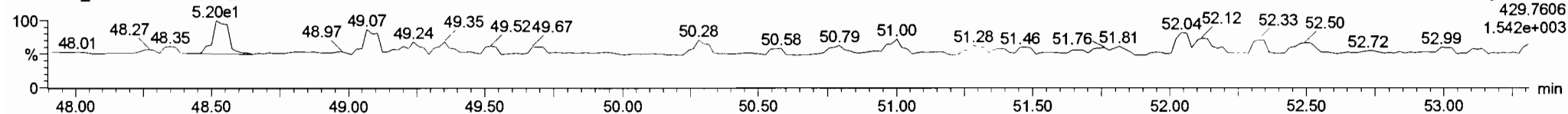
Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

PCB-202

200617K1_4



200617K1_4

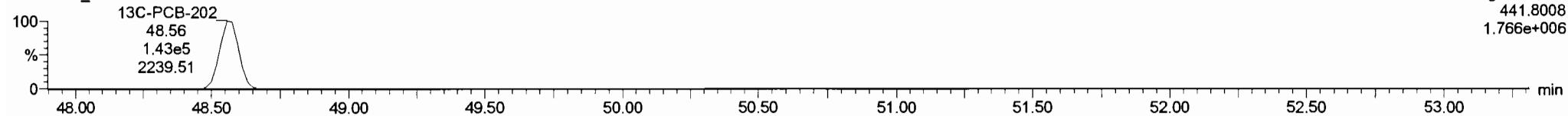


13C-PCB-202

200617K1_4

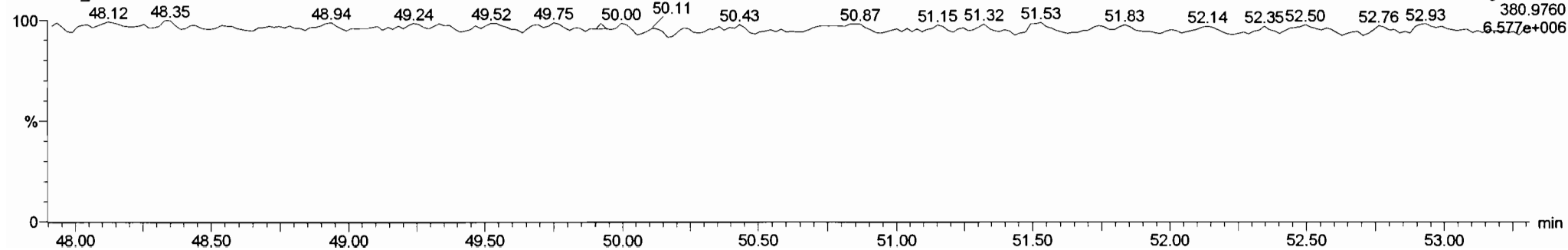


200617K1_4



PFK4d

200617K1_4

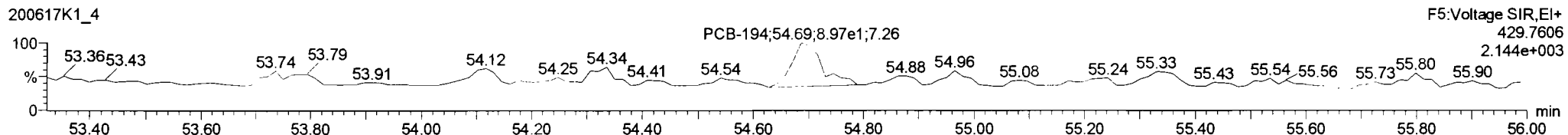
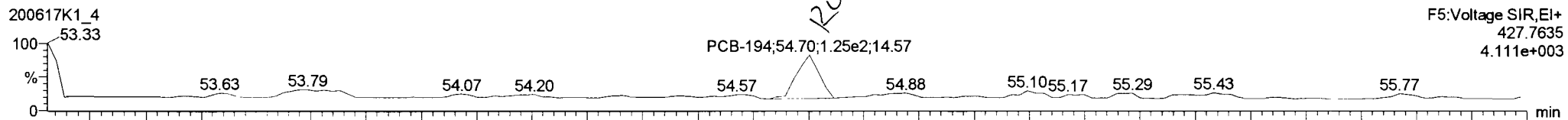


Dataset: Untitled

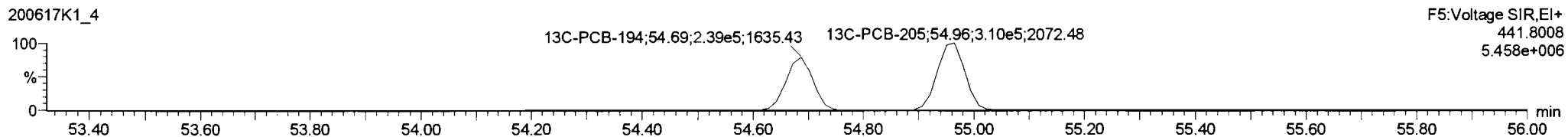
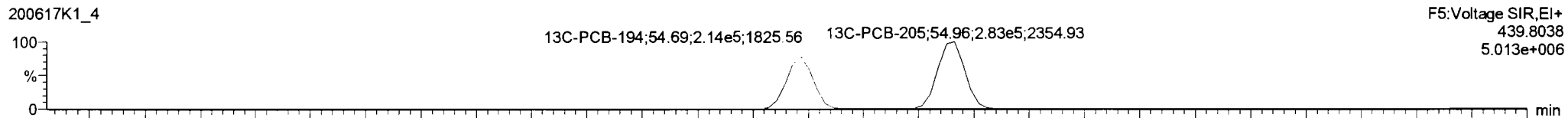
Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

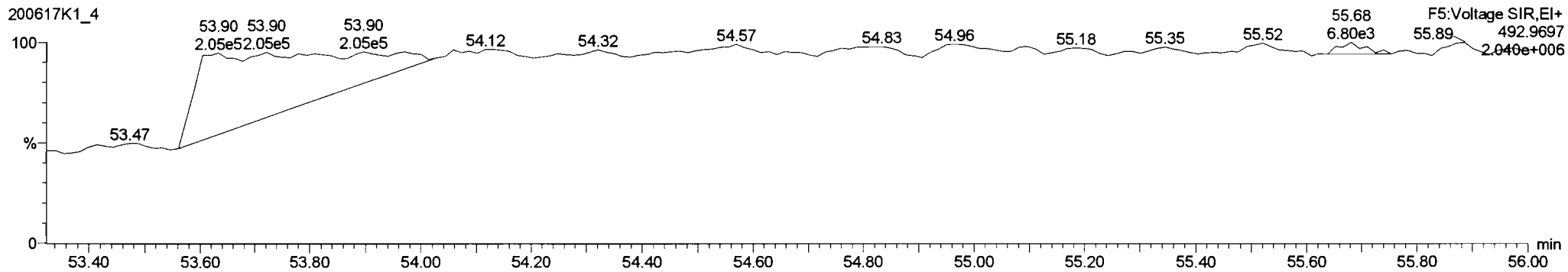
PCB-195



13C-PCB-194



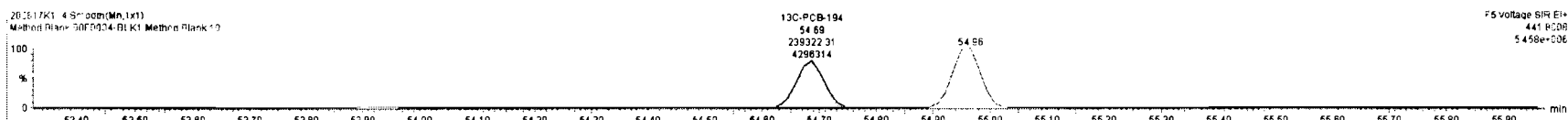
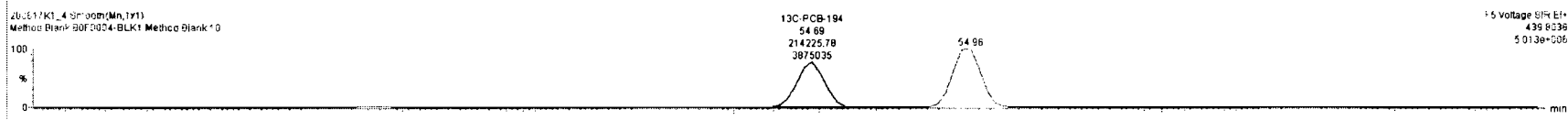
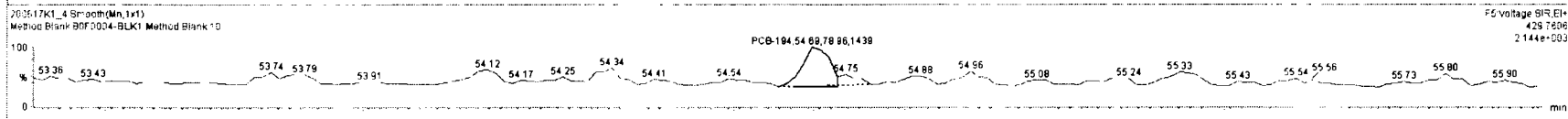
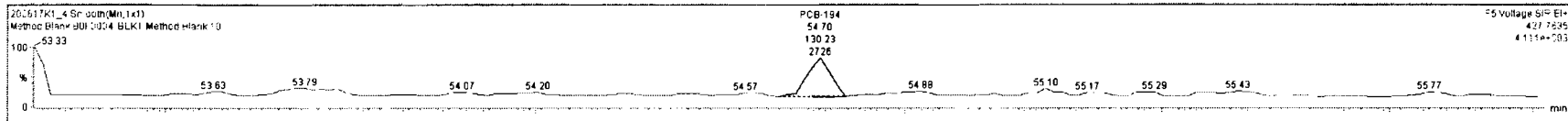
PFK5a



200617K1_4-200617K1-4-BLK1 Method Blank 10 - Method Blank

#	Name	Resp	RA	rvy	RRF	wtAvr	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO			1.74	
231	231 3rd Function Hexa-PCBs				0.9505	5.000	0.00		0.000		NO			6.72	
232	232 4th Function Hexa-PCBs				1.0316	5.000	0.00		0.000		NO			4.76	
233	233 Total Hepta-PCBs				1.3551	5.000	0.00		0.000		NO			7.64	
234	234 4th Function Octa-PCBs				1.0008	5.000	0.00		0.000		NO			2.30	
235	235 5th Function Octa-PCBs				1.1488	5.000	0.00		0.000		NO	0.0000		0.482	0.5897
236	236 Total Nona-PCBs				0.9523	5.000	0.00		0.000		NO			0.544	
237	237 Deca-CB				0.9864	5.000	0.00		0.000		NO			0.456	
238	238 Total PCBs														
239	239 Total Mono-Orthanes														

#	Name	Pred RT	RT	rt Resp	rt2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	183 PCB-194	54.70	54.70	1.302e2	7.896e1	0.890	1.65	YES	0.58972	0.00000



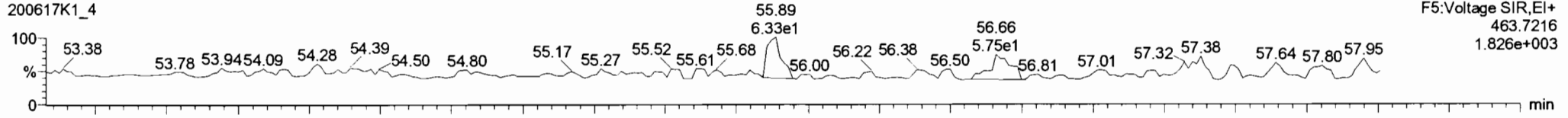
Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

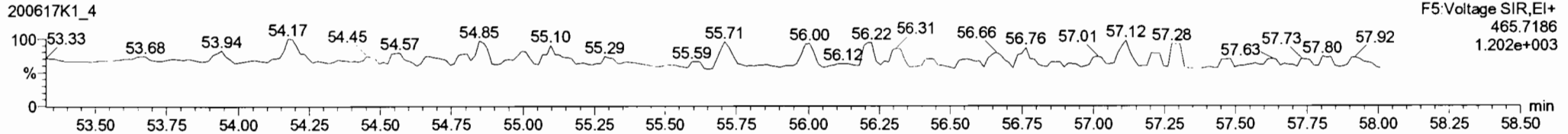
Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

PCB-208

200617K1_4

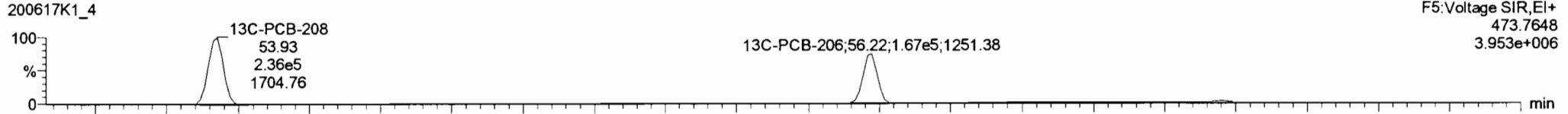


200617K1_4

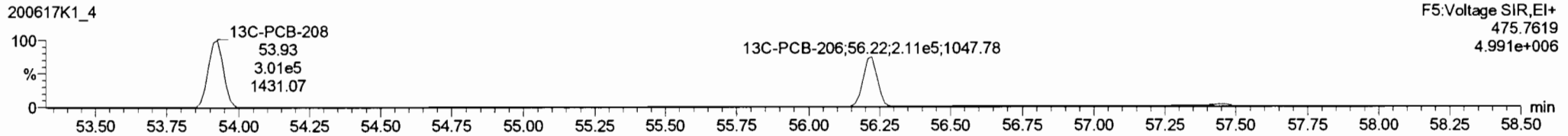


13C-PCB-208

200617K1_4

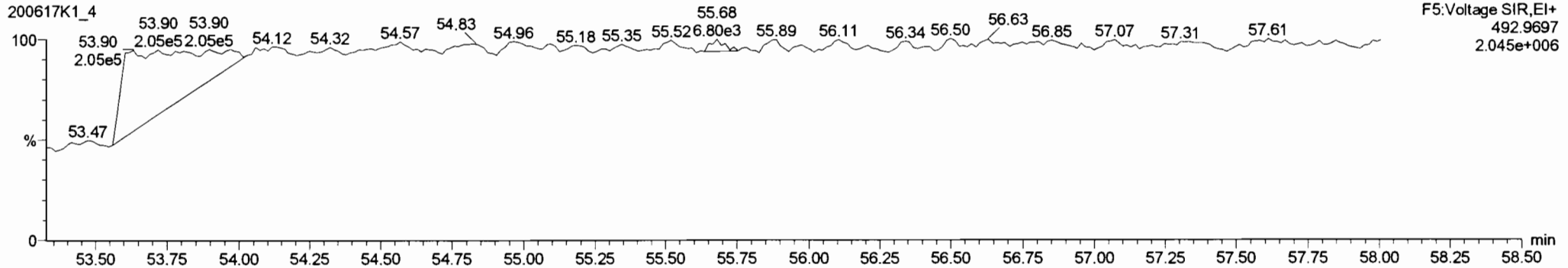


200617K1_4



PFK5

200617K1_4

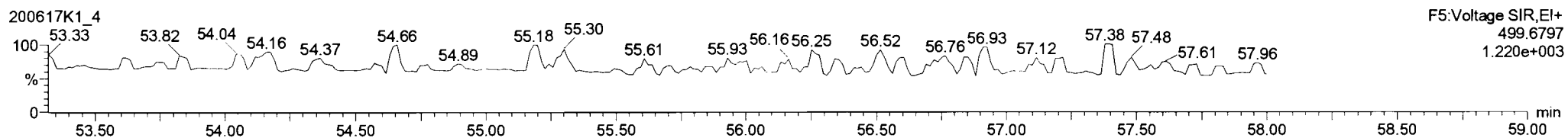
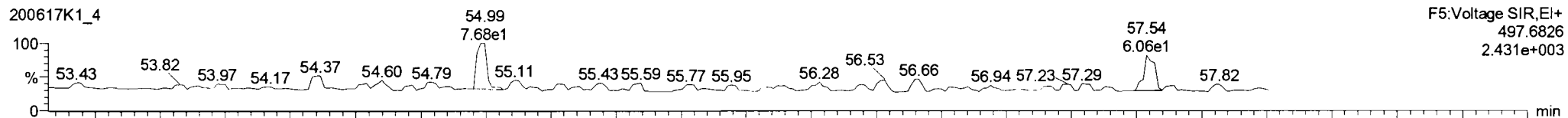


Dataset: Untitled

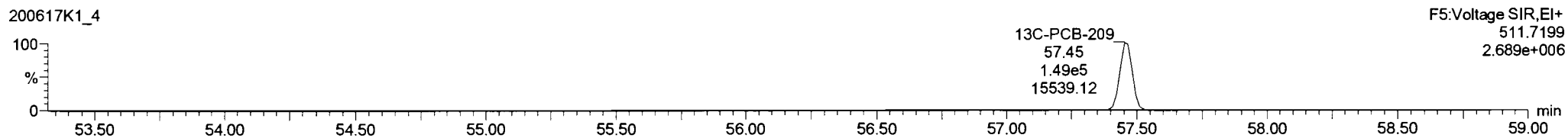
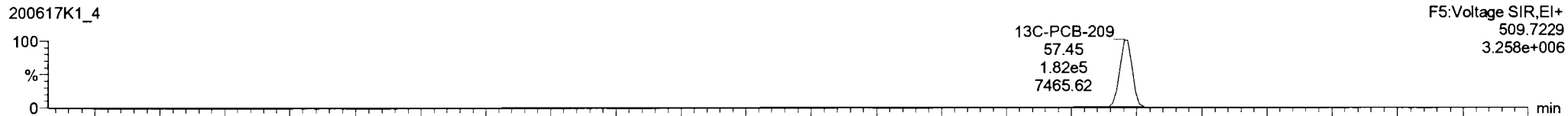
Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_4, Date: 17-Jun-2020, Time: 16:18:31, ID: B0F0004-BLK1 Method Blank 10, Description: Method Blank

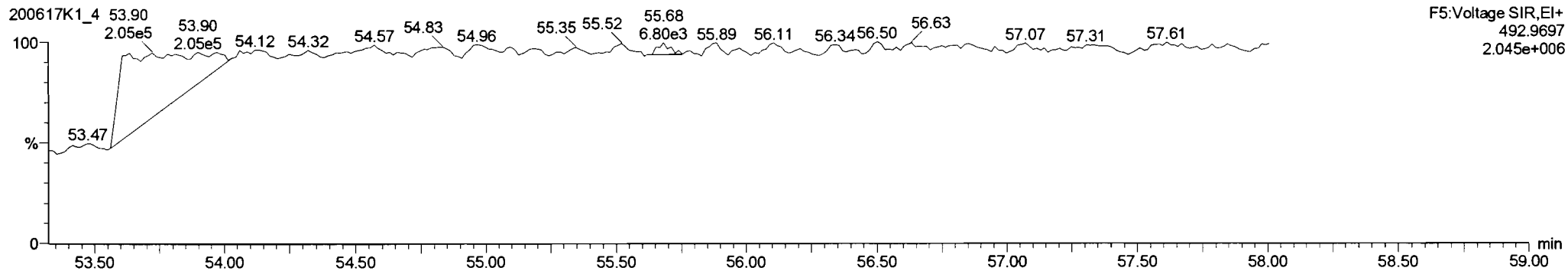
PCB-209



13C-PCB-209



PFK5b



Dataset: U:\VG11.PRO\Results\200617K1\200617K1-2.qld

Last Altered: Friday, June 19, 2020 10:28:25 Pacific Daylight Time
 Printed: Friday, June 19, 2020 10:28:50 Pacific Daylight Time

H 6/19/2020 07/08/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38
 Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	r/y	RRF	wt/vol	Pred.RT	RT	Pred.R _z	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	5.72e5	3.18	NO	1.17	5.000	15.52	15.52	1.001	1.001	NO	1301		0.545	1301
2	2 PCB-2	6.29e5	3.18	NO	1.18	5.000	17.94	17.93	0.988	0.987	NO	1318		0.512	1318
3	3 PCB-3	6.00e5	3.16	NO	1.15	5.000	18.17	18.17	1.001	1.001	NO	1295		0.527	1295
4	4 PCB-4/10	9.57e5	1.57	NO	1.25	5.000	19.59	19.58	1.004	1.004	NO	2366		2.10	2366
5	5 PCB-7/9	1.22e6	1.56	NO	0.960	5.000	21.40	21.39	1.003	1.002	NO	2393		1.72	2393
6	6 PCB-6	6.59e5	1.57	NO	1.02	5.000	22.05	22.04	1.033	1.033	NO	1217		1.61	1217
7	7 PCB-5/8	1.29e6	1.55	NO	0.992	5.000	22.45	22.45	1.052	1.052	NO	2459		1.66	2459
8	8 PCB-14	6.72e5	1.57	NO	1.02	5.000	23.59	23.59	0.952	0.951	NO	1165		1.55	1165
9	9 PCB-11	7.42e5	1.58	NO	1.13	5.000	24.81	24.81	1.001	1.001	NO	1161		1.40	1161
10	10 PCB-12/13	1.38e6	1.58	NO	1.03	5.000	25.25	25.19	1.018	1.016	NO	2376		1.54	2376
11	11 PCB-15	6.99e5	1.57	NO	1.03	5.000	25.56	25.54	1.031	1.030	NO	1190		1.52	1190
12	12 PCB-19	3.20e5	1.03	NO	1.11	5.000	23.78	23.77	1.001	1.001	NO	1233		1.09	1233
13	13 PCB-30	5.31e5	1.03	NO	1.79	5.000	24.68	24.68	1.039	1.039	NO	1262		0.675	1262
14	14 PCB-18	3.64e5	1.01	NO	0.818	5.000	25.45	25.45	0.952	0.952	NO	1228		0.999	1228
15	15 PCB-17	3.42e5	1.03	NO	0.758	5.000	25.63	25.63	0.958	0.958	NO	1244		1.08	1244
16	16 PCB-24/27	9.59e5	1.05	NO	1.08	5.000	26.24	26.22	0.981	0.980	NO	2445		0.755	2445
17	17 PCB-16/32	8.33e5	1.01	NO	0.925	5.000	26.76	26.76	1.001	1.001	NO	2481		0.883	2481
18	18 PCB-34	5.83e5	1.02	NO	0.945	5.000	27.56	27.58	0.959	0.959	NO	1082		1.23	1082
19	19 PCB-23	5.83e5	1.03	NO	0.883	5.000	27.65	27.67	0.962	0.962	NO	1158		1.32	1158
20	20 PCB-29	5.77e5	1.03	NO	0.893	5.000	27.91	27.91	0.971	0.971	NO	1133		1.30	1133
21	21 PCB-26	6.21e5	1.03	NO	0.944	5.000	28.14	28.14	0.979	0.979	NO	1155		1.23	1155
22	22 PCB-25	6.10e5	1.02	NO	0.950	5.000	28.29	28.31	0.984	0.984	NO	1127		1.22	1127
23	23 PCB-31	6.51e5	1.03	NO	1.04	5.000	28.66	28.68	0.997	0.997	NO	1102		1.12	1102
24	24 PCB-28	7.05e5	1.03	NO	1.03	5.000	28.77	28.77	1.001	1.001	NO	1207		1.14	1207
25	25 PCB-20/21/33	1.85e6	1.03	NO	0.941	5.000	29.41	29.40	1.023	1.023	NO	3456		1.24	3456
26	26 PCB-22	6.45e5	1.02	NO	0.973	5.000	29.85	29.87	1.038	1.039	NO	1164		1.20	1164
27	27 PCB-36	6.78e5	1.02	NO	1.08	5.000	30.50	30.50	0.931	0.931	NO	1168		1.12	1168
28	28 PCB-39	6.16e5	1.05	NO	0.988	5.000	30.98	30.99	0.946	0.946	NO	1155		1.22	1155
29	29 PCB-38	6.59e5	1.04	NO	1.05	5.000	31.78	31.78	0.970	0.970	NO	1161		1.15	1161
30	30 PCB-35	6.84e5	1.06	NO	1.04	5.000	32.32	32.33	0.987	0.987	NO	1215		1.15	1215
31	31 PCB-37	6.58e5	1.01	NO	1.01	5.000	32.77	32.77	1.001	1.001	NO	1209		1.19	1209
32	32 PCB-54	4.57e5	0.76	NO	1.08	5.000	27.62	27.62	1.001	1.001	NO	1253		0.749	1253

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-2.qld

Last Altered: Friday, June 19, 2020 10:28:25 Pacific Daylight Time
 Printed: Friday, June 19, 2020 10:28:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
33	33 PCB-50	3.83e5	0.78	NO	0.880	5.000	28.81	28.83	1.044	1.044	NO	1288		0.919	1288
34	34 PCB-53	3.57e5	0.76	NO	0.997	5.000	29.50	29.50	0.944	0.944	NO	1224		0.957	1224
35	35 PCB-51	3.86e5	0.78	NO	1.07	5.000	29.84	29.85	0.955	0.955	NO	1239		0.896	1239
36	36 PCB-45	3.12e5	0.76	NO	0.858	5.000	30.29	30.28	0.969	0.969	NO	1241		1.11	1241
37	37 PCB-46	2.97e5	0.76	NO	0.831	5.000	30.78	30.80	0.985	0.986	NO	1224		1.15	1224
38	38 PCB-52/69	8.78e5	0.76	NO	1.17	5.000	31.28	31.28	1.001	1.001	NO	2572		0.818	2572
39	39 PCB-73	5.01e5	0.77	NO	1.44	5.000	31.40	31.39	1.005	1.005	NO	1187		0.661	1187
40	40 PCB-43/49	7.48e5	0.76	NO	1.02	5.000	31.57	31.58	1.010	1.011	NO	2516		0.939	2516
41	41 PCB-47	3.82e5	0.75	NO	0.922	5.000	31.79	31.78	1.001	1.001	NO	1297		0.951	1297
42	42 PCB-48/75	8.64e5	0.78	NO	1.12	5.000	31.90	31.90	1.004	1.004	NO	2414		0.783	2414
43	43 PCB-65	4.88e5	0.75	NO	1.28	5.000	32.17	32.18	1.013	1.013	NO	1191		0.684	1191
44	44 PCB-62	4.57e5	0.77	NO	1.13	5.000	32.28	32.29	1.016	1.016	NO	1267		0.778	1267
45	45 PCB-44	3.21e5	0.75	NO	0.824	5.000	32.62	32.60	1.027	1.026	NO	1218		1.06	1218
46	46 PCB-42/59	8.26e5	0.77	NO	1.05	5.000	32.85	32.85	1.034	1.034	NO	2462		0.836	2462
47	47 PCB-41/64/71/72	1.87e6	0.78	NO	1.19	5.000	33.45	33.44	1.053	1.053	NO	4935		0.739	4935
48	48 PCB-68	5.07e5	0.76	NO	1.28	5.000	33.70	33.72	1.061	1.061	NO	1241		0.686	1241
49	49 PCB-40	2.46e5	0.74	NO	0.602	5.000	33.93	33.92	1.068	1.068	NO	1279		1.46	1279
50	50 PCB-57	5.34e5	0.76	NO	1.16	5.000	34.30	34.32	0.969	0.970	NO	1193		0.643	1193
51	51 PCB-67	5.24e5	0.76	NO	1.08	5.000	34.62	34.61	0.978	0.978	NO	1255		0.690	1255
52	52 PCB-58	5.25e5	0.77	NO	1.20	5.000	34.74	34.74	0.982	0.982	NO	1132		0.621	1132
53	53 PCB-63	4.99e5	0.78	NO	1.07	5.000	34.90	34.91	0.986	0.986	NO	1210		0.697	1210
54	54 PCB-74	5.41e5	0.77	NO	1.19	5.000	35.20	35.19	0.994	0.994	NO	1186		0.631	1186
55	55 PCB-61/70	9.98e5	0.77	NO	1.05	5.000	35.41	35.34	1.000	0.998	NO	2458		0.709	2458
56	56 PCB-76/66	1.07e6	0.76	NO	1.16	5.000	35.60	35.62	1.006	1.006	NO	2395		0.642	2395
57	57 PCB-80	5.48e5	0.78	NO	1.19	5.000	35.84	35.86	1.001	1.001	NO	1165		0.622	1165
58	58 PCB-55	5.58e5	0.76	NO	1.17	5.000	36.16	36.18	1.010	1.010	NO	1203		0.631	1203
59	59 PCB-56/60	9.88e5	0.77	NO	1.02	5.000	36.68	36.70	1.024	1.024	NO	2448		0.725	2448
60	60 PCB-79	5.47e5	0.76	NO	1.14	5.000	37.78	37.80	1.055	1.055	NO	1213		0.648	1213
61	61 PCB-78	5.24e5	0.78	NO	1.14	5.000	38.52	38.52	0.987	0.987	NO	1184		0.682	1184
62	62 PCB-81	4.65e5	0.79	NO	1.05	5.000	39.06	39.06	1.000	1.000	NO	1141		0.740	1141
63	63 PCB-77	5.12e5	0.76	NO	1.14	5.000	39.68	39.68	1.000	1.000	NO	1195		0.688	1195
64	64 PCB-104	2.86e5	1.58	NO	1.12	5.000	32.46	32.46	1.001	1.001	NO	1252		0.685	1252
65	65 PCB-96	2.90e5	1.60	NO	1.15	5.000	33.78	33.76	1.041	1.041	NO	1237		0.666	1237
66	66 PCB-103	2.33e5	1.58	NO	0.936	5.000	34.34	34.32	1.059	1.058	NO	1222		0.821	1222
67	67 PCB-100	2.38e5	1.56	NO	0.954	5.000	34.69	34.69	1.069	1.069	NO	1226		0.806	1226
68	68 PCB-94	1.83e5	1.59	NO	0.949	5.000	35.19	35.17	0.985	0.985	NO	1155		0.999	1155

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-2.qld

Last Altered: Friday, June 19, 2020 10:28:25 Pacific Daylight Time
 Printed: Friday, June 19, 2020 10:28:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	7.12e5	1.59	NO	1.20	5.000	35.67	35.66	0.999	0.998	NO	3547		0.787	3547
70	70 PCB-93	2.04e5	1.62	NO	0.935	5.000	35.79	35.80	1.002	1.003	NO	1308		1.01	1308
71	71 PCB-88/91	4.13e5	1.59	NO	1.06	5.000	36.14	36.14	1.012	1.012	NO	2328		0.890	2328
72	72 PCB-121	3.46e5	1.63	NO	1.71	5.000	36.23	36.23	1.015	1.015	NO	1214		0.554	1214
73	73 PCB-84/92	4.04e5	1.58	NO	1.02	5.000	37.08	37.09	0.990	0.991	NO	2383		0.960	2383
74	74 PCB-89	2.16e5	1.58	NO	1.11	5.000	37.25	37.28	0.995	0.996	NO	1172		0.884	1172
75	75 PCB-90/101	4.40e5	1.58	NO	1.12	5.000	37.46	37.46	1.000	1.001	NO	2354		0.870	2354
76	76 PCB-113	2.90e5	1.59	NO	1.51	5.000	37.70	37.72	1.007	1.007	NO	1148		0.645	1148
77	77 PCB-99	2.67e5	1.66	NO	1.32	5.000	37.79	37.81	1.009	1.010	NO	1213		0.740	1213
78	78 PCB-119	3.08e5	1.57	NO	1.81	5.000	38.30	38.28	0.987	0.987	NO	1158		0.612	1158
79	79 PCB-108/112	5.19e5	1.59	NO	1.44	5.000	38.46	38.45	0.991	0.991	NO	2435		0.765	2435
80	80 PCB-83	3.17e5	1.59	NO	1.83	5.000	38.61	38.61	0.995	0.995	NO	1174		0.604	1174
81	81 PCB-97	2.19e5	1.61	NO	1.28	5.000	38.82	38.82	1.000	1.000	NO	1161		0.863	1161
82	82 PCB-86	1.99e5	1.59	NO	1.12	5.000	38.97	38.97	1.004	1.004	NO	1206		0.990	1206
83	83 PCB-87/117/125	8.37e5	1.58	NO	1.56	5.000	39.12	39.10	1.008	1.008	NO	3642		0.709	3642
84	84 PCB-111/115	6.51e5	1.60	NO	1.91	5.000	39.27	39.27	1.012	1.012	NO	2313		0.579	2313
85	85 PCB-85/116	5.03e5	1.61	NO	1.41	5.000	39.40	39.38	1.015	1.015	NO	2420		0.784	2420
86	86 PCB-120	3.46e5	1.61	NO	2.01	5.000	39.66	39.64	1.022	1.022	NO	1170		0.551	1170
87	87 PCB-110	3.13e5	1.59	NO	1.74	5.000	39.79	39.79	1.026	1.025	NO	1217		0.635	1217
88	88 PCB-82	1.91e5	1.60	NO	0.781	5.000	40.44	40.44	0.976	0.976	NO	1189		1.01	1189
89	89 PCB-124	3.28e5	1.60	NO	1.40	5.000	41.15	41.15	0.993	0.993	NO	1145		0.563	1145
90	90 PCB-107/109	6.41e5	1.59	NO	1.34	5.000	41.29	41.28	0.996	0.996	NO	2331		0.586	2331
91	91 PCB-123	2.88e5	1.60	NO	1.20	5.000	41.46	41.46	1.000	1.000	NO	1172		0.656	1172
92	92 PCB-106/118	6.21e5	1.59	NO	1.22	5.000	41.67	41.67	1.001	1.001	NO	2460		0.634	2460
93	93 PCB-114	4.82e5	1.56	NO	1.14	5.000	42.33	42.32	1.000	1.000	NO	1128		0.762	1128
94	94 PCB-122	4.31e5	1.57	NO	0.944	5.000	42.47	42.46	1.004	1.004	NO	1216		0.920	1216
95	95 PCB-105	4.63e5	1.58	NO	1.05	5.000	43.21	43.21	1.000	1.000	NO	1148		0.798	1148
96	96 PCB-127	5.02e5	1.56	NO	1.06	5.000	43.55	43.56	1.000	1.000	NO	1169		0.765	1169
97	97 PCB-126	5.14e5	1.60	NO	1.17	5.000	45.52	45.53	1.000	1.000	NO	1139		0.726	1139
98	98 PCB-155	1.21e5	1.34	NO	1.04	5.000	37.00	36.99	1.000	1.000	NO	1182		0.513	1182
99	99 PCB-150	1.32e5	1.39	NO	1.08	5.000	38.32	38.30	1.036	1.036	NO	1247		0.494	1247
100	1... PCB-152	1.48e5	1.29	NO	1.19	5.000	38.80	38.80	1.049	1.049	NO	1271		0.451	1271
101	1... PCB-145	1.46e5	1.35	NO	1.19	5.000	39.27	39.25	1.062	1.061	NO	1255		0.450	1255
102	1... PCB-136	1.22e5	1.35	NO	1.02	5.000	39.60	39.58	1.071	1.070	NO	1221		0.524	1221
103	1... PCB-148	1.05e5	1.39	NO	0.842	5.000	39.71	39.69	1.074	1.073	NO	1267		0.636	1267
104	1... PCB-154	1.12e5	1.33	NO	0.919	5.000	40.22	40.22	1.088	1.088	NO	1248		0.582	1248

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Printed: Friday, June 19, 2020 10:28:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc	%Rec	DL	EMPC
105	1... PCB-151	9.69e4	1.32	NO	0.787	5.000	40.88	40.87	1.105	1.105	NO	1257		0.680	1257
106	1... PCB-135	1.07e5	1.31	NO	0.922	5.000	41.09	41.09	1.111	1.111	NO	1181		0.580	1181
107	1... PCB-144	1.02e5	1.32	NO	0.789	5.000	41.20	41.20	1.114	1.114	NO	1319		0.678	1319
108	1... PCB-147	9.83e4	1.31	NO	0.834	5.000	41.33	41.33	1.118	1.118	NO	1201		0.641	1201
109	1... PCB-139/149	2.24e5	1.36	NO	0.948	5.000	41.62	41.61	1.125	1.125	NO	2414		0.565	2414
110	1... PCB-140	9.75e4	1.30	NO	0.794	5.000	41.80	41.80	1.130	1.130	NO	1254		0.674	1254
111	1... PCB-134/143	5.51e5	1.26	NO	0.759	5.000	42.28	42.25	0.975	0.974	NO	2375		1.86	2375
112	1... PCB-131/133	5.90e5	1.22	NO	0.821	5.000	42.58	42.55	0.982	0.981	NO	2352		1.72	2352
113	1... PCB-142	2.67e5	1.24	NO	0.754	5.000	42.72	42.72	0.985	0.985	NO	1161		1.87	1161
114	1... PCB-146/165	7.23e5	1.26	NO	1.02	5.000	42.97	42.95	0.991	0.990	NO	2327		1.39	2327
115	1... PCB-132/161	7.18e5	1.25	NO	1.02	5.000	43.20	43.19	0.996	0.996	NO	2295		1.38	2295
116	1... PCB-153	3.76e5	1.24	NO	1.07	5.000	43.38	43.38	1.000	1.000	NO	1151		1.32	1151
117	1... PCB-168	3.82e5	1.25	NO	1.08	5.000	43.61	43.61	1.006	1.006	NO	1162		1.31	1162
118	1... PCB-141	3.03e5	1.25	NO	1.03	5.000	44.14	44.14	1.000	1.000	NO	1175		1.69	1175
119	1... PCB-137	3.16e5	1.25	NO	1.11	5.000	44.54	44.54	1.010	1.009	NO	1131		1.56	1131
120	1... PCB-130	2.56e5	1.24	NO	0.885	5.000	44.64	44.65	1.012	1.012	NO	1151		1.96	1151
121	1... PCB-138/163/164	1.17e6	1.25	NO	1.28	5.000	45.03	45.03	1.001	1.001	NO	3465		1.29	3465
122	1... PCB-158/160	7.69e5	1.25	NO	1.24	5.000	45.28	45.28	1.006	1.006	NO	2354		1.33	2354
123	1... PCB-129	2.64e5	1.25	NO	0.867	5.000	45.54	45.53	1.012	1.012	NO	1157		1.90	1157
124	1... PCB-166	4.29e5	1.24	NO	1.14	5.000	46.01	46.00	0.993	0.993	NO	1180		1.23	1180
125	1... PCB-159	4.53e5	1.23	NO	1.22	5.000	46.34	46.34	1.000	1.000	NO	1170		1.15	1170
126	1... PCB-128/162	6.85e5	1.24	NO	0.907	5.000	46.63	46.64	1.007	1.007	NO	2374		1.54	2374
127	1... PCB-167	4.05e5	1.26	NO	1.11	5.000	47.04	47.04	1.000	1.000	NO	1139		1.26	1139
128	1... PCB-156	4.06e5	1.25	NO	1.13	5.000	48.37	48.37	1.000	1.000	NO	1127		1.23	1127
129	1... PCB-157	3.74e5	1.27	NO	1.04	5.000	48.67	48.65	1.001	1.000	NO	1146		1.39	1146
130	1... PCB-169	4.11e5	1.24	NO	1.16	5.000	50.93	50.92	1.000	1.000	NO	1162		1.29	1162
131	1... PCB-188	3.10e5	1.05	NO	1.29	5.000	43.02	43.01	1.001	1.000	NO	1174		1.11	1174
132	1... PCB-184	3.10e5	1.08	NO	1.23	5.000	43.45	43.46	1.011	1.011	NO	1232		1.17	1232
133	1... PCB-179	3.16e5	1.05	NO	1.30	5.000	44.28	44.28	1.030	1.030	NO	1191		1.11	1191
134	1... PCB-176	3.16e5	1.03	NO	1.31	5.000	44.74	44.75	1.041	1.041	NO	1180		1.10	1180
135	1... PCB-186	3.44e5	1.03	NO	1.33	5.000	45.37	45.37	1.055	1.056	NO	1267		1.08	1267
136	1... PCB-178	2.27e5	1.04	NO	0.943	5.000	45.89	45.88	1.067	1.067	NO	1177		1.52	1177
137	1... PCB-175	2.38e5	1.06	NO	0.956	5.000	46.24	46.24	1.076	1.076	NO	1214		1.50	1214
138	1... PCB-182/187	5.22e5	1.05	NO	1.07	5.000	46.42	46.42	1.080	1.080	NO	2395		1.35	2395
139	1... PCB-183	2.57e5	1.04	NO	1.02	5.000	46.76	46.74	1.088	1.087	NO	1229		1.41	1229
140	1... PCB-185	2.35e5	1.03	NO	1.41	5.000	47.42	47.42	0.955	0.955	NO	1143		1.43	1143

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	2.28e5	1.05	NO	1.35	5.000	47.81	47.80	0.962	0.962	NO	1153		1.49	1153
142	1... PCB-181	2.50e5	1.06	NO	1.47	5.000	47.90	47.91	0.964	0.965	NO	1159		1.37	1159
143	1... PCB-177	2.12e5	1.02	NO	1.28	5.000	48.06	48.08	0.968	0.968	NO	1137		1.58	1137
144	1... PCB-171	2.18e5	1.04	NO	1.32	5.000	48.36	48.39	0.974	0.974	NO	1133		1.53	1133
145	1... PCB-173	2.00e5	1.05	NO	1.19	5.000	48.80	48.82	0.983	0.983	NO	1153		1.69	1153
146	1... PCB-172	2.32e5	1.05	NO	1.38	5.000	49.28	49.29	0.992	0.992	NO	1155		1.46	1155
147	1... PCB-192	3.06e5	1.06	NO	1.83	5.000	49.47	49.49	0.996	0.996	NO	1147		1.10	1147
148	1... PCB-180	2.38e5	1.03	NO	1.41	5.000	49.69	49.69	1.000	1.000	NO	1156		1.43	1156
149	1... PCB-193	2.75e5	1.08	NO	1.68	5.000	49.90	49.92	1.005	1.005	NO	1123		1.20	1123
150	1... PCB-191	2.86e5	1.04	NO	1.71	5.000	50.17	50.17	1.010	1.010	NO	1146		1.18	1146
151	1... PCB-170	2.06e5	1.02	NO	1.40	5.000	51.36	51.36	1.000	1.000	NO	1139		1.63	1139
152	1... PCB-190	2.78e5	1.04	NO	1.85	5.000	51.55	51.57	1.004	1.004	NO	1163		1.24	1163
153	1... PCB-189	2.85e5	1.09	NO	1.45	5.000	53.09	53.08	1.000	1.000	NO	1145		1.03	1145
154	1... PCB-202	1.76e5	0.94	NO	1.17	5.000	48.61	48.59	1.001	1.000	NO	1175		0.600	1175
155	1... PCB-201	1.62e5	0.95	NO	1.05	5.000	49.10	49.09	1.011	1.011	NO	1202		0.666	1202
156	1... PCB-204	1.79e5	0.90	NO	1.14	5.000	49.25	49.26	1.014	1.014	NO	1222		0.615	1222
157	1... PCB-197	1.75e5	0.95	NO	1.13	5.000	49.57	49.56	1.020	1.020	NO	1205		0.619	1205
158	1... PCB-200	1.70e5	0.91	NO	1.07	5.000	50.50	50.51	1.040	1.040	NO	1241		0.655	1241
159	1... PCB-198	1.30e5	0.90	NO	0.794	5.000	52.08	52.06	1.072	1.072	NO	1274		0.883	1274
160	1... PCB-199	1.33e5	0.91	NO	0.809	5.000	52.18	52.19	1.074	1.075	NO	1280		0.867	1280
161	1... PCB-196/203	2.71e5	0.93	NO	0.838	5.000	52.50	52.50	1.081	1.081	NO	2522		0.837	2522
162	1... PCB-195	2.66e5	0.87	NO	1.04	5.000	53.80	53.79	0.984	0.983	NO	1101		1.51	1101
163	1... PCB-194	2.88e5	0.88	NO	1.12	5.000	54.72	54.72	1.000	1.000	NO	1113		1.41	1113
164	1... PCB-205	3.55e5	0.91	NO	1.29	5.000	54.98	54.98	1.005	1.005	NO	1188		1.22	1188
165	1... PCB-208	2.96e5	1.31	NO	0.933	5.000	53.94	53.94	1.000	1.000	NO	1131		1.02	1131
166	1... PCB-207	3.01e5	1.35	NO	0.916	5.000	54.26	54.28	1.006	1.007	NO	1172		1.04	1172
167	1... PCB-206	2.26e5	1.35	NO	1.01	5.000	56.24	56.24	1.000	1.000	NO	1108		1.27	1108
168	1... PCB-209	1.95e5	1.20	NO	0.986	5.000	57.47	57.48	1.000	1.000	NO	1159		0.378	1159
169	1... 13C-PCB-1	7.52e5	3.34	NO	0.893	5.000	15.51	15.51	0.608	0.608	NO	1046	52.3	1.81	
170	1... 13C-PCB-3	8.07e5	3.34	NO	0.911	5.000	18.16	18.16	0.712	0.712	NO	1101	55.1	1.77	
171	1... 13C-PCB-4	6.48e5	1.60	NO	0.600	5.000	19.51	19.51	0.765	0.765	NO	1342	67.1	1.02	
172	1... 13C-PCB-9	1.06e6	1.61	NO	0.970	5.000	21.34	21.34	0.836	0.836	NO	1356	67.8	0.630	
173	1... 13C-PCB-11	1.13e6	1.60	NO	0.962	5.000	24.78	24.79	0.971	0.972	NO	1467	73.3	0.635	
174	1... 13C-PCB-19	4.69e5	1.04	NO	0.499	5.000	23.75	23.75	0.931	0.931	NO	1168	58.4	9.29	
175	1... 13C-PCB-32	7.25e5	1.05	NO	0.744	5.000	26.73	26.74	1.048	1.048	NO	1211	60.5	6.23	
176	1... 13C-PCB-28	1.14e6	1.01	NO	1.06	5.000	28.77	28.75	1.004	1.003	NO	1639	81.9	7.31	

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	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.08e6	1.05	NO	0.989	5.000	32.75	32.75	1.143	1.143	NO	1669	83.5	7.86	
178	1... 13C-PCB-54	6.76e5	0.78	NO	0.999	5.000	27.62	27.60	0.753	0.752	NO	1501	75.0	2.11	
179	1... 13C-PCB-52	5.85e5	0.78	NO	0.804	5.000	31.26	31.25	0.852	0.852	NO	1615	80.7	2.62	
180	1... 13C-PCB-47	6.39e5	0.78	NO	0.857	5.000	31.78	31.77	0.866	0.866	NO	1655	82.7	2.46	
181	1... 13C-PCB-70	7.70e5	0.80	NO	0.996	5.000	35.41	35.40	0.965	0.965	NO	1717	85.8	2.12	
182	1... 13C-PCB-80	7.93e5	0.80	NO	1.03	5.000	35.84	35.82	0.977	0.977	NO	1711	85.6	2.05	
183	1... 13C-PCB-81	7.79e5	0.78	NO	0.988	5.000	39.04	39.04	1.064	1.064	NO	1750	87.5	2.13	
184	1... 13C-PCB-77	7.53e5	0.80	NO	0.969	5.000	39.66	39.66	1.081	1.081	NO	1726	86.3	2.18	
185	1... 13C-PCB-104	4.07e5	1.67	NO	1.02	5.000	32.46	32.44	0.827	0.826	NO	1696	84.8	1.22	
186	1... 13C-PCB-95	3.34e5	1.65	NO	0.805	5.000	35.71	35.71	0.910	0.910	NO	1755	87.8	1.54	
187	1... 13C-PCB-101	3.33e5	1.69	NO	0.793	5.000	37.46	37.44	0.954	0.954	NO	1782	89.1	1.56	
188	1... 13C-PCB-97	2.95e5	1.64	NO	0.696	5.000	38.80	38.80	0.989	0.989	NO	1794	89.7	1.78	
189	1... 13C-PCB-123	4.10e5	1.61	NO	0.933	5.000	41.44	41.44	1.056	1.056	NO	1863	93.2	1.33	
190	1... 13C-PCB-118	4.14e5	1.64	NO	0.986	5.000	41.63	41.63	1.061	1.061	NO	1779	88.9	1.25	
191	1... 13C-PCB-114	7.50e5	1.57	NO	1.55	5.000	42.30	42.31	0.908	0.908	NO	1939	97.0	1.54	
192	1... 13C-PCB-105	7.68e5	1.54	NO	1.57	5.000	43.19	43.19	0.927	0.927	NO	1955	97.8	1.51	
193	1... 13C-PCB-127	8.11e5	1.56	NO	1.62	5.000	43.55	43.54	0.934	0.934	NO	1996	99.8	1.46	
194	1... 13C-PCB-126	7.71e5	1.53	NO	1.57	5.000	45.51	45.51	0.976	0.976	NO	1967	98.4	1.52	
195	1... 13C-PCB-155	1.96e5	1.29	NO	0.615	5.000	36.98	36.98	0.942	0.942	NO	1352	67.6	0.718	
196	1... 13C-PCB-153	6.11e5	1.26	NO	1.36	5.000	43.36	43.37	0.930	0.930	NO	1791	89.5	1.61	
197	1... 13C-PCB-141	5.03e5	1.30	NO	1.13	5.000	44.13	44.12	0.947	0.947	NO	1783	89.2	1.94	
198	1... 13C-PCB-138	5.27e5	1.28	NO	1.18	5.000	44.99	44.99	0.965	0.965	NO	1779	89.0	1.85	
199	1... 13C-PCB-159	6.36e5	1.26	NO	1.44	5.000	46.32	46.32	0.994	0.994	NO	1769	88.4	1.52	
200	2... 13C-PCB-167	6.41e5	1.29	NO	1.44	5.000	47.02	47.02	1.009	1.009	NO	1779	89.0	1.52	
201	2... 13C-PCB-156	6.40e5	1.28	NO	1.40	5.000	48.34	48.35	1.037	1.037	NO	1833	91.6	1.57	
202	2... 13C-PCB-157	6.29e5	1.26	NO	1.40	5.000	48.63	48.63	1.043	1.043	NO	1802	90.1	1.57	
203	2... 13C-PCB-169	6.11e5	1.29	NO	1.33	5.000	50.91	50.91	1.092	1.092	NO	1838	91.9	1.65	
204	2... 13C-PCB-188	4.09e5	0.45	NO	1.41	5.000	42.98	42.99	0.926	0.926	NO	1779	88.9	1.28	
205	2... 13C-PCB-180	2.92e5	0.45	NO	0.929	5.000	49.67	49.67	1.070	1.070	NO	1927	96.3	1.94	
206	2... 13C-PCB-170	2.58e5	0.48	NO	0.794	5.000	51.35	51.34	1.106	1.106	NO	1989	99.5	2.27	
207	2... 13C-PCB-189	3.43e5	0.45	NO	1.04	5.000	53.09	53.06	1.144	1.143	NO	2010	100	1.73	
208	2... 13C-PCB-202	2.56e5	0.92	NO	1.04	5.000	48.57	48.58	1.046	1.047	NO	1516	75.8	0.958	
209	2... 13C-PCB-194	4.63e5	0.91	NO	0.768	5.000	54.71	54.70	0.995	0.995	NO	1727	86.4	2.45	
210	2... 13C-PCB-208	5.60e5	0.80	NO	0.991	5.000	53.93	53.93	0.981	0.981	NO	1619	81.0	1.80	
211	2... 13C-PCB-206	4.05e5	0.78	NO	0.552	5.000	56.22	56.22	1.023	1.023	NO	2097	105	3.22	
212	2... 13C-PCB-209	3.42e5	1.21	NO	0.396	5.000	57.48	57.47	1.046	1.046	NO	2467	123	0.643	

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 Printed: Friday, June 19, 2020 10:28:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

#	Name	Resp.	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.61e6	1.59	NO	1.00	5.000	25.51	25.51	1.000	0.000	NO	2000	100	0.611	
214	2... 13C-PCB-31	1.31e6	1.03	NO	1.00	5.000	28.64	28.66	1.000	0.000	NO	2000	100	7.78	
215	2... 13C-PCB-60	9.01e5	0.79	NO	1.00	5.000	36.66	36.68	1.000	0.000	NO	2000	100	2.11	
216	2... 13C-PCB-111	4.72e5	1.71	NO	1.00	5.000	39.23	39.25	1.000	0.000	NO	2000	100	1.24	
217	2... 13C-PCB-128	5.00e5	1.28	NO	1.00	5.000	46.59	46.60	1.000	0.000	NO	2000	100	2.19	
218	2... 13C-PCB-182	3.26e5	0.45	NO	1.00	5.000	46.40	46.42	0.000	0.000	NO	2000	100	1.80	
219	2... 13C-PCB-205	6.99e5	0.90	NO	1.00	5.000	54.97	54.97	1.000	0.000	NO	2000	100	1.88	
220	2... 13C-PCB-79	8.54e5	0.79	NO	1.07	5.000	37.78	37.78	1.030	1.030	NO	1773	88.7	1.97	
221	2... 13C-PCB-178	2.96e5	0.46	NO	0.766	5.000	45.86	45.87	0.988	0.988	NO	1542	77.1	1.56	
222	2... 13C-PCB-79	8.54e5	0.79	NO	1.08	5.000	37.78	37.78	0.968	0.968	NO	2026	101	2.37	
223	2... 13C-PCB-178	2.96e5	0.46	NO	1.05	5.000	45.85	45.87	0.923	0.923	NO	1926	96.3	1.96	

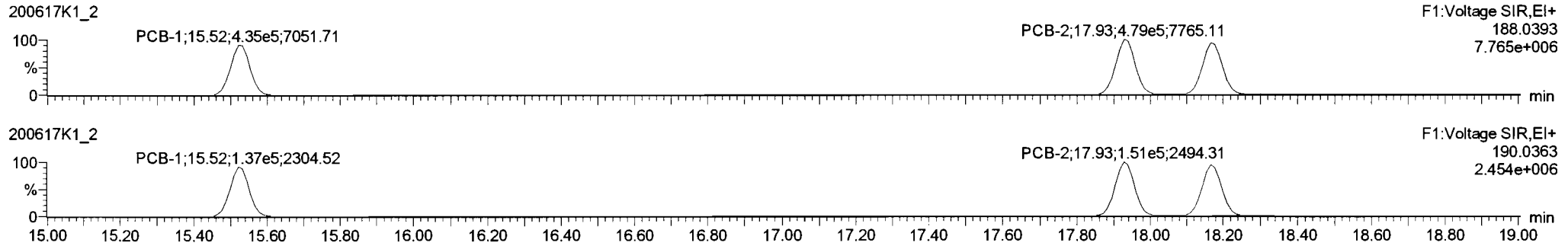
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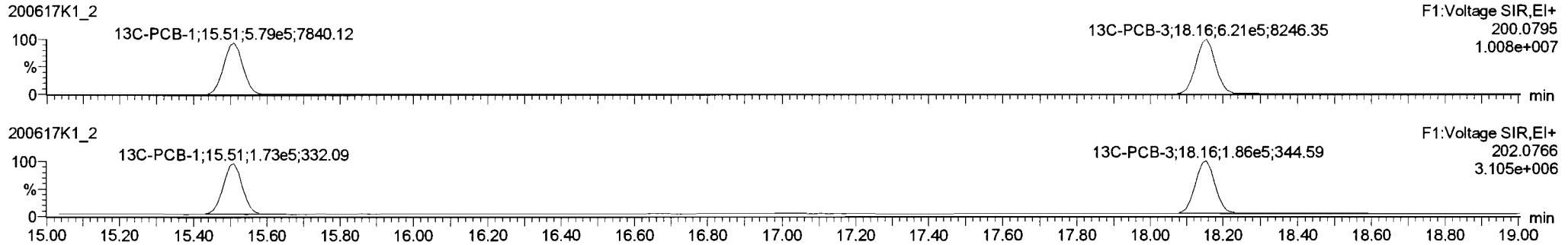
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Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

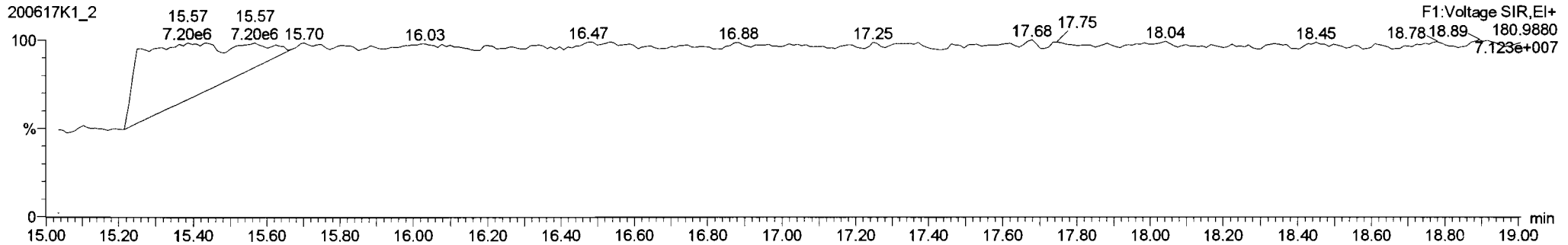
PCB-1



13C-PCB-1



PFK1

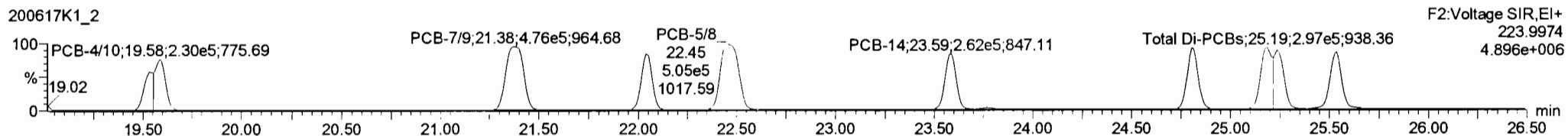
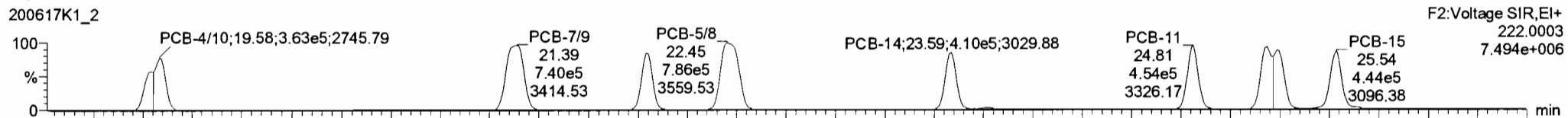


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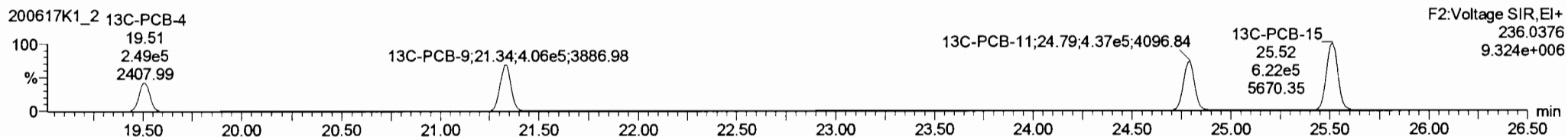
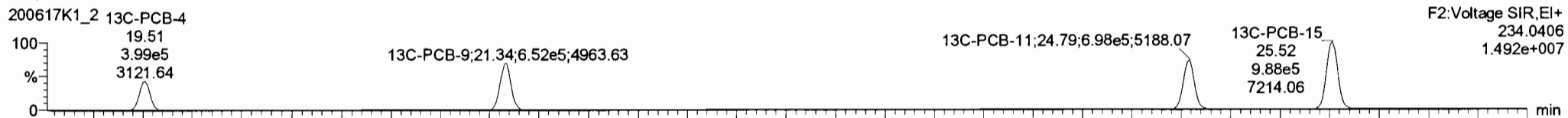
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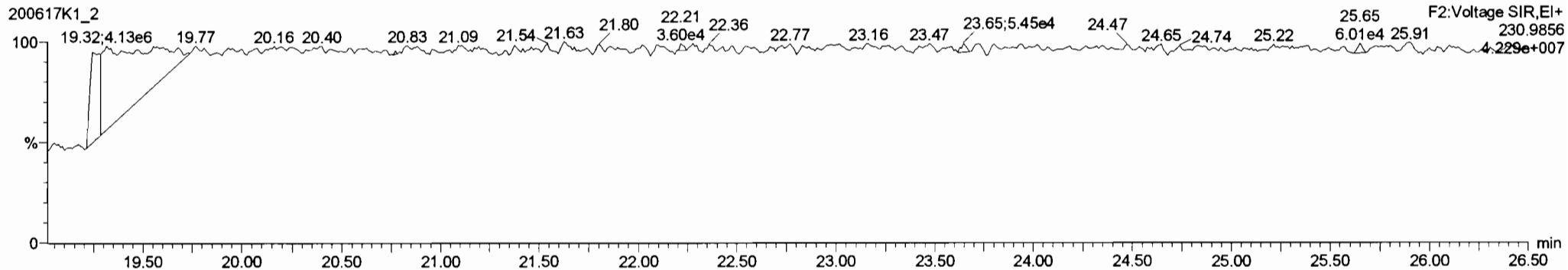
PCB-4/10



13C-PCB-4

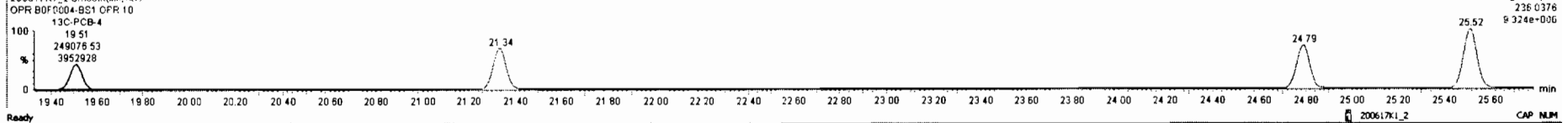
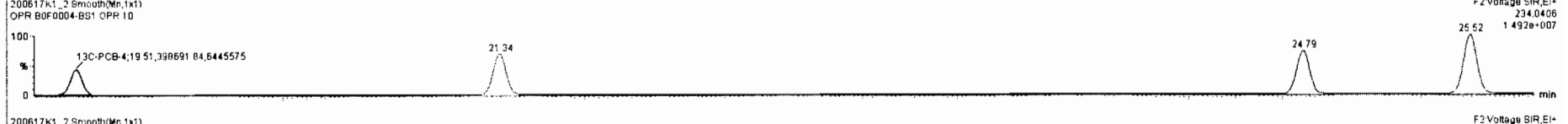
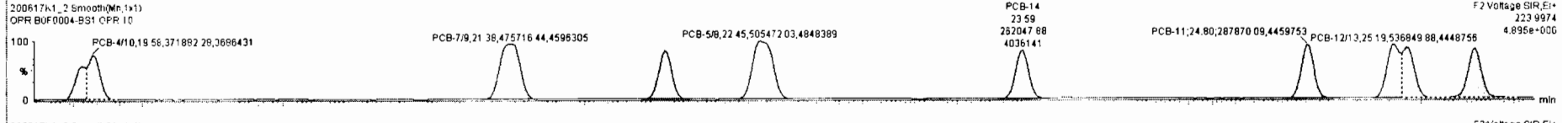
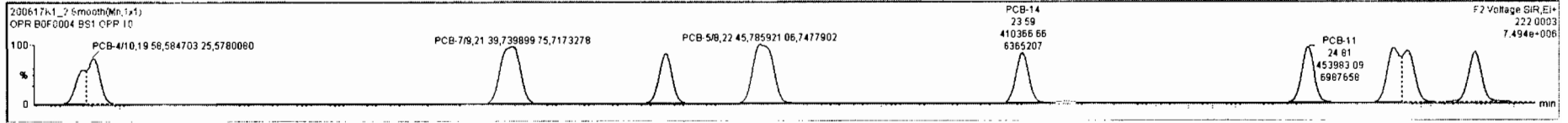


PFK2a



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc	%Rec	DL	EMPC
222	13C-PCB-79	8.54e5	0.79	NO	1.0821	5.000	37.78	37.78	0.968	0.968	NO	2026	101	2.37	
223	13C-PCB-178	2.96e5	0.46	NO	1.0508	5.000	45.85	45.87	0.923	0.923	NO	1926	96.3	1.96	
224	Total Mono-PCBs				1.1665	5.000	0.00		0.000		NO	3915		1.59	3915
225	Total Di-PCBs				1.0537	5.000	0.00		0.000		NO	14330		13.1	14330
226	2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO	9694		5.48	9694
227	3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO	18490		16.8	18490
228	Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	50190		25.5	50190
229	3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	48860		21.9	48860
230	4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	5881		3.97	5881
231	Total Hexa-PCBs				0.9496	5.000	0.00		0.000		NO	17320		7.47	17320

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-470	19.59	19.58	5.847e5	3.719e5	1.560	1.57	NO	2366.4	2366.4
2	5 PCB-79	21.40	21.39	7.399e5	4.757e5	1.560	1.56	NO	2392.5	2392.5
3	6 PCB-6	22.05	22.04	4.025e5	2.568e5	1.560	1.57	NO	1217.2	1217.2
4	7 PCB-5/8	22.45	22.45	7.859e5	5.055e5	1.560	1.55	NO	2458.7	2458.7
5	8 PCB-14	23.59	23.59	4.104e5	2.620e5	1.560	1.57	NO	1164.9	1164.9
6	9 PCB-11	24.81	24.81	4.540e5	2.879e5	1.560	1.58	NO	1160.8	1160.8

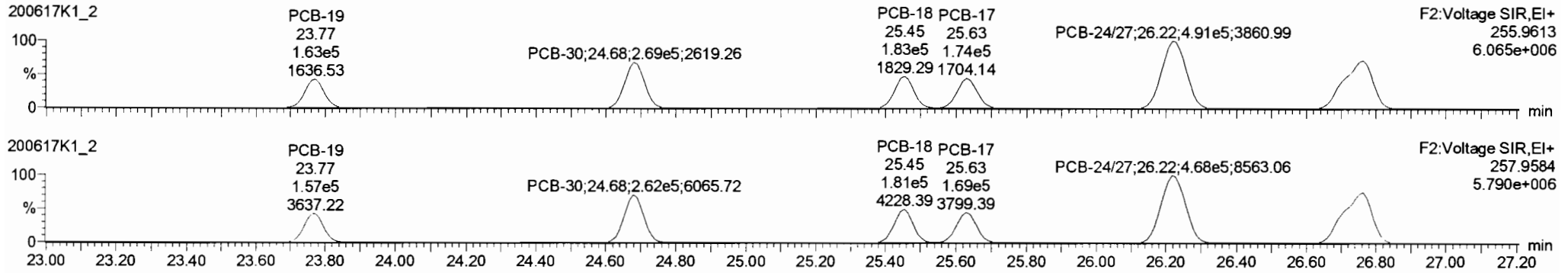


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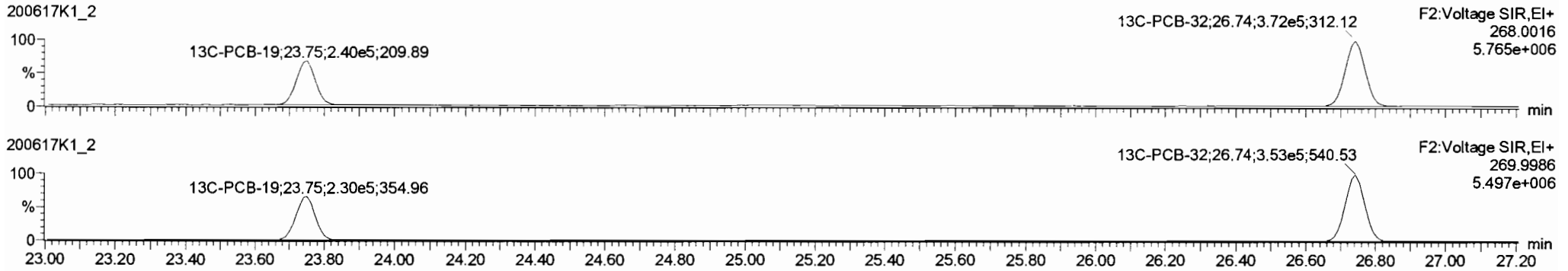
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Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

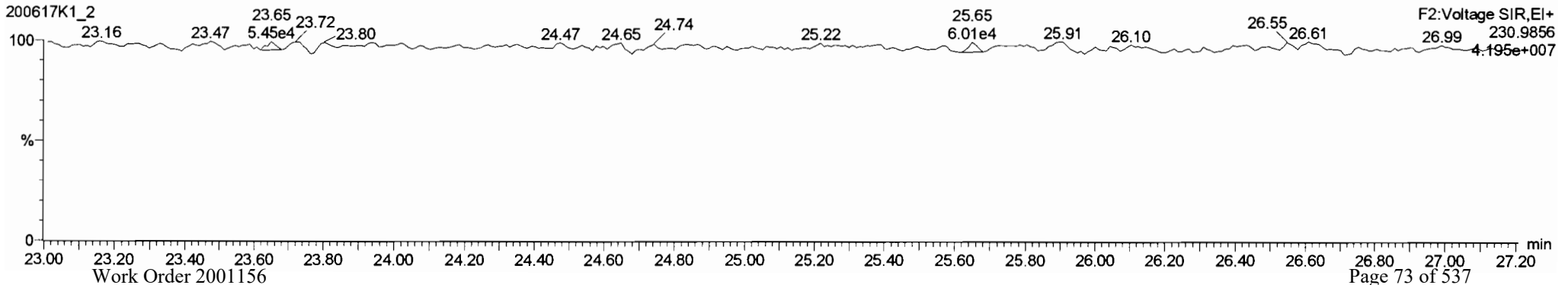
PCB-19



13C-PCB-19



PFK2b



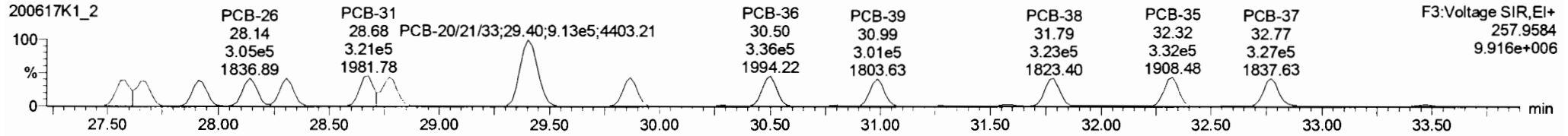
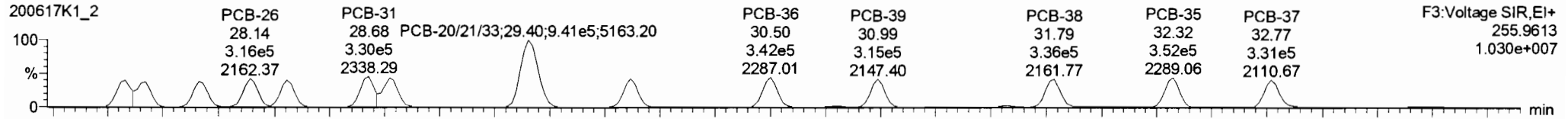
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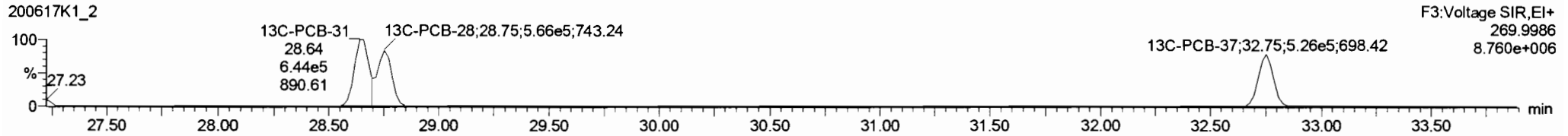
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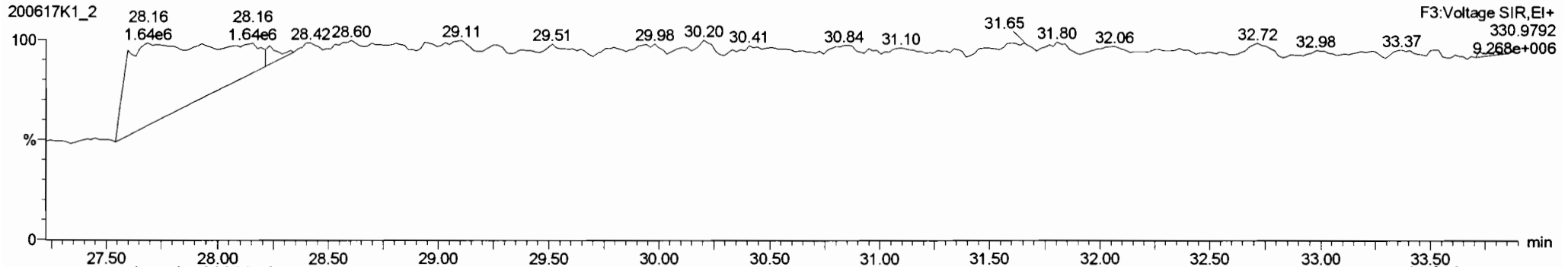
PCB-34



13C-PCB-28



PFK3d

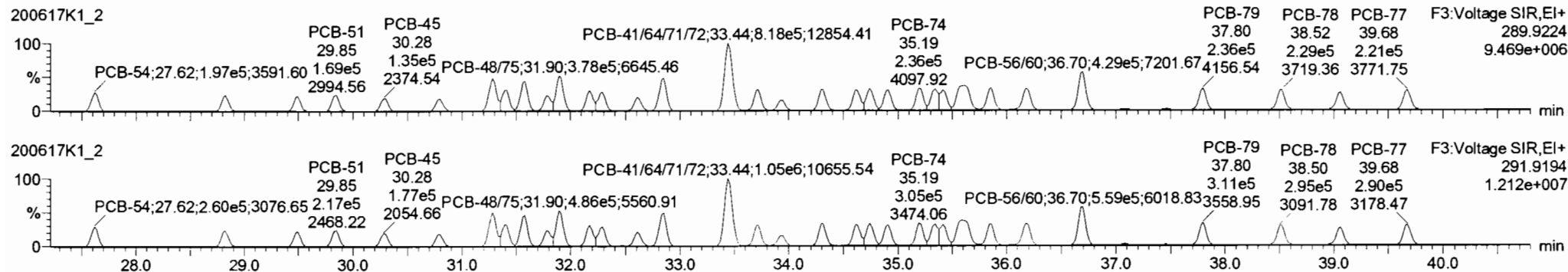


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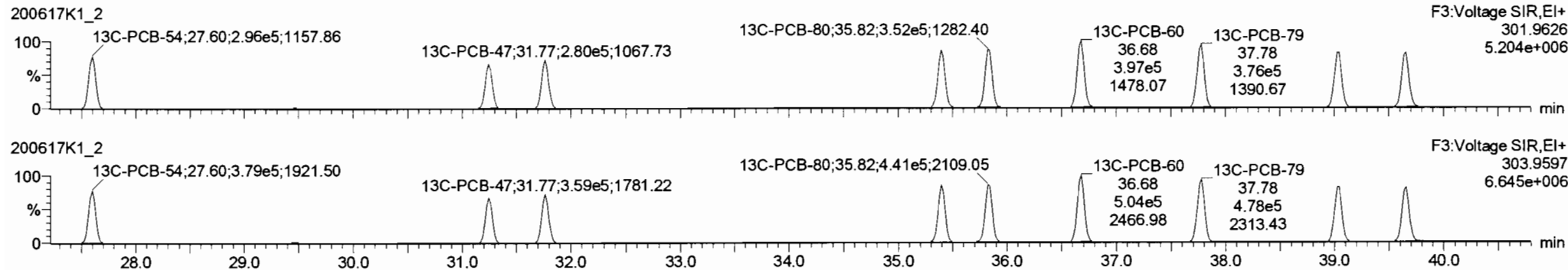
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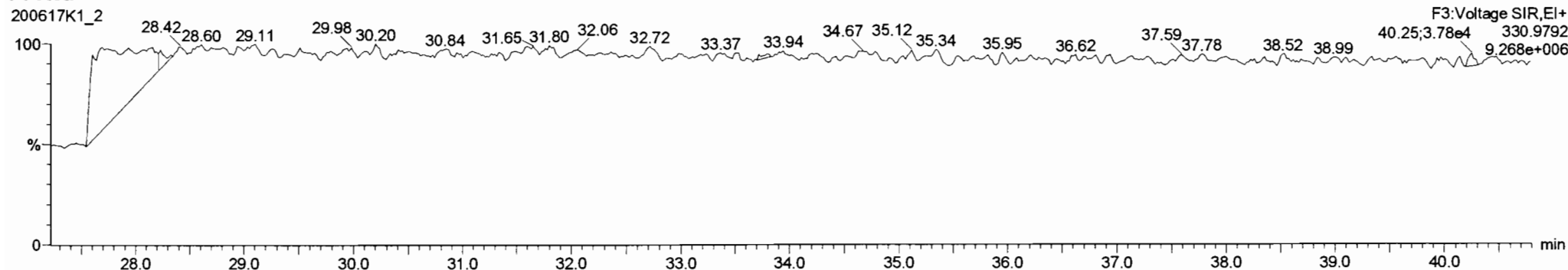
PCB-54



13C-PCB-54



PFK3a



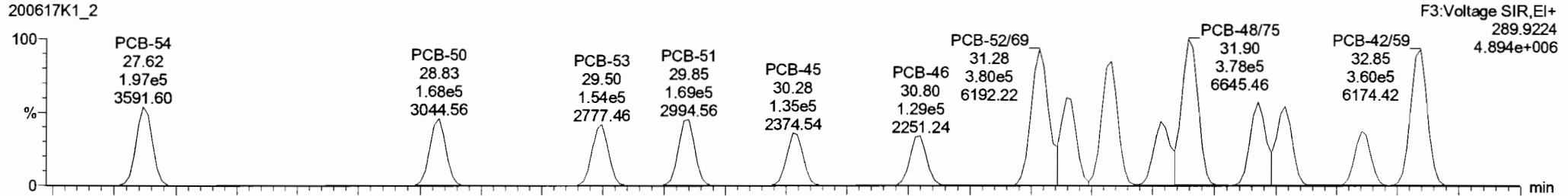
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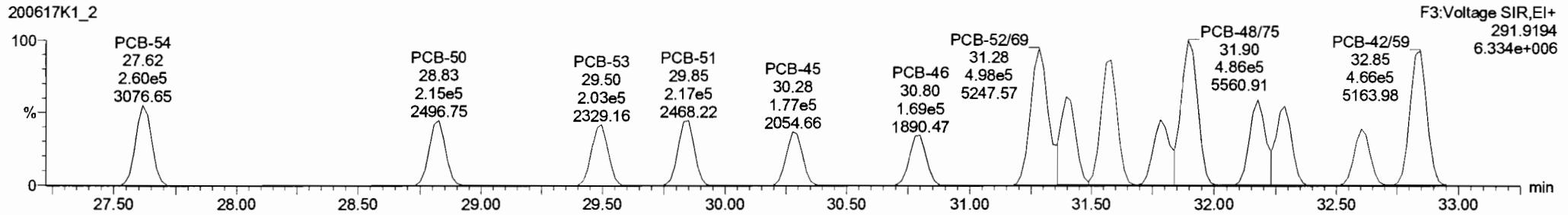
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PCB-50

200617K1_2

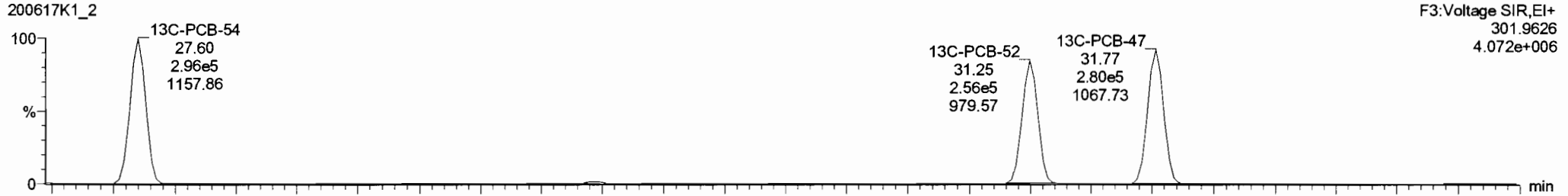


200617K1_2

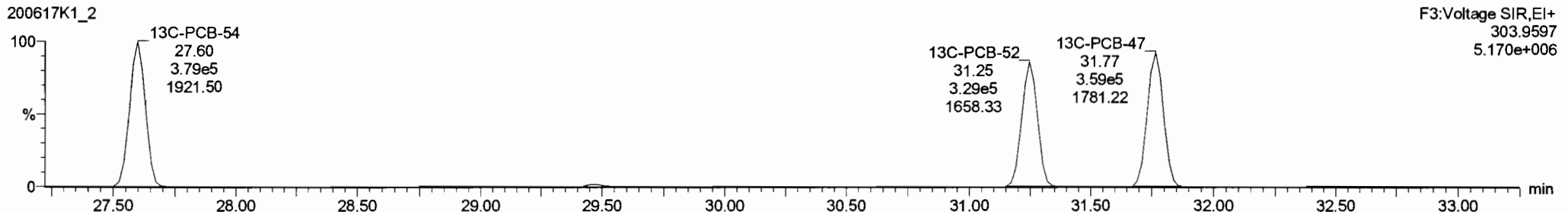


13C-PCB-52

200617K1_2



200617K1_2



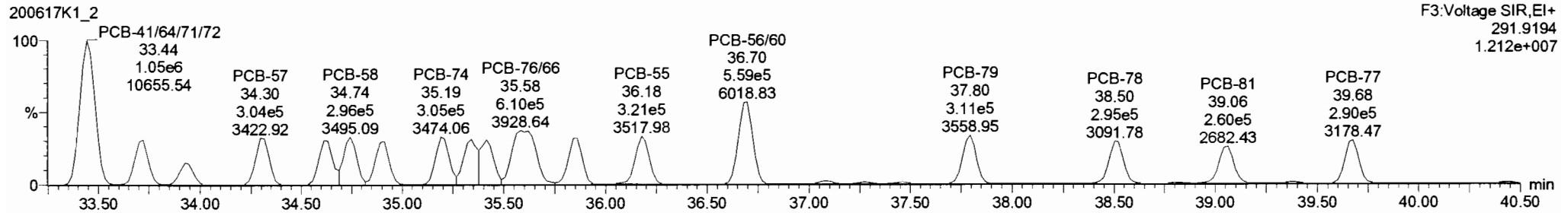
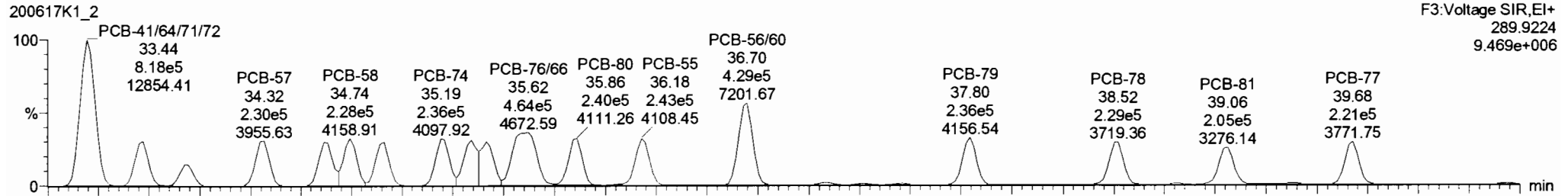
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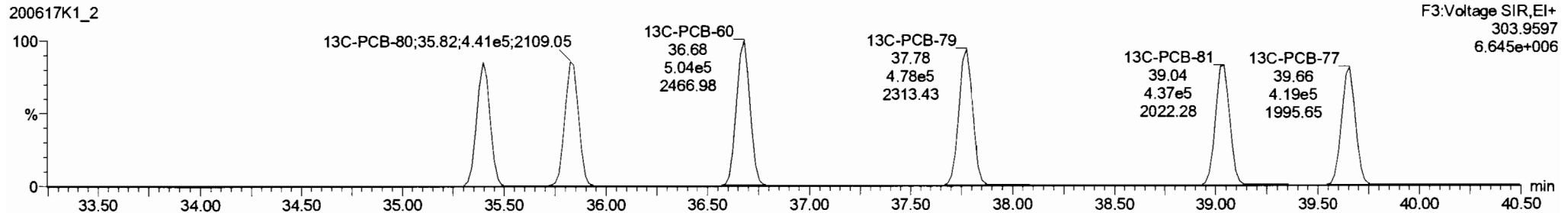
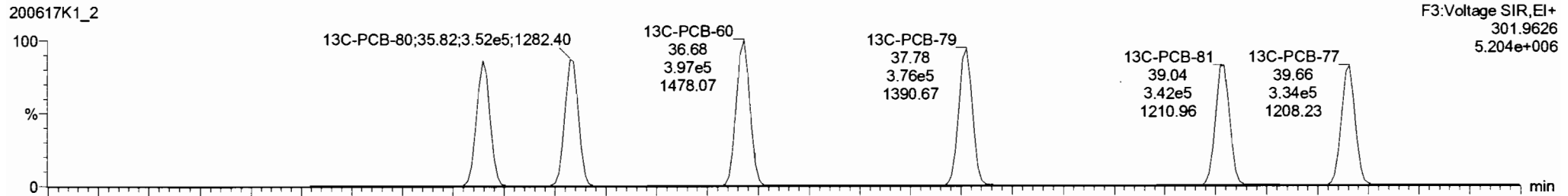
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PCB-68

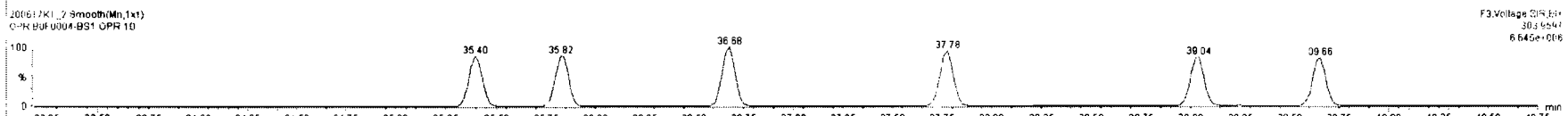
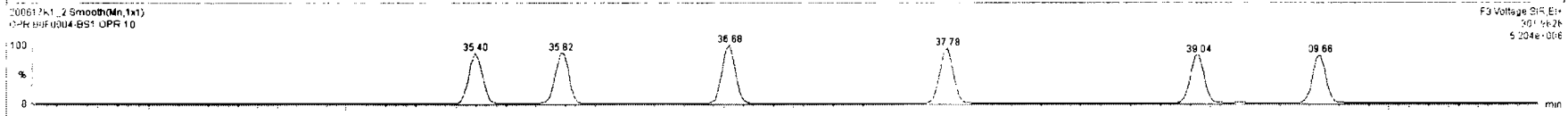
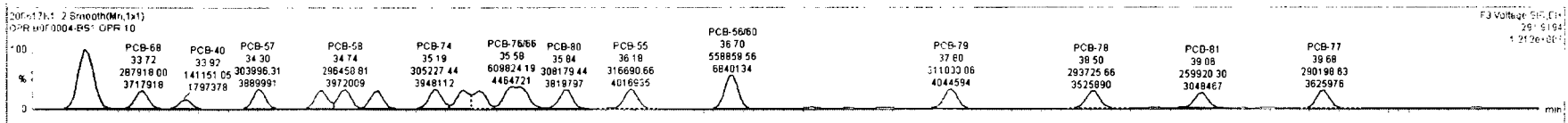
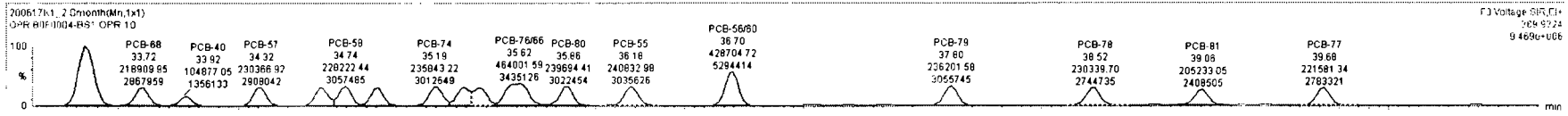


13C-PCB-60



#	Name	Resp	RA	nly	RRF	wtAval	Prod R1	RT	Prod R	RR1	RR1 Fail	Conc	%Rec	DL	EMPC
222	13C-PCB-79	8.54e5	0.79	NO	1.0821	5.000	37.78	37.78	0.968	0.968	NO	2026	101	2.37	
223	13C-PCB-178	2.96e5	0.46	NO	1.0508	5.000	45.87	45.87	0.923	0.923	NO	1926	96.3	1.96	
224	Total Mono-PCBs				1.1665	5.000	0.00		0.000		NO	3915		1.58	3915
225	Total Di-PCBs				1.0537	5.000	0.00		0.000		NO	14330		1.31	14330
226	2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO	9894		5.48	9894
227	3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO	18430		1.68	18430
228	Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	51420		25.5	51420
229	3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	48860		21.9	48860
230	4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	5881		3.97	5881
231	Total Function Hexa-PCBs				0.9595	5.000	0.00		0.000		NO	17120		7.47	17120

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	PCB-54	27.62	27.62	1.974e5	2.597e5	0.770	0.76	NO	1252.8	1252.8
2	PCB-50	28.81	28.83	1.878e5	2.149e5	0.770	0.78	NO	1287.6	1287.6
3	PCB-53	29.50	29.50	1.542e5	2.026e5	0.770	0.76	NO	1223.8	1223.8
4	PCB-51	29.84	29.85	1.695e5	2.166e5	0.770	0.78	NO	1238.9	1238.9
5	PCB-45	30.29	30.28	1.349e5	1.767e5	0.770	0.76	NO	1240.7	1240.7
6	PCB-48	30.78	30.80	1.285e5	1.688e5	0.770	0.78	NO	1223.9	1223.9



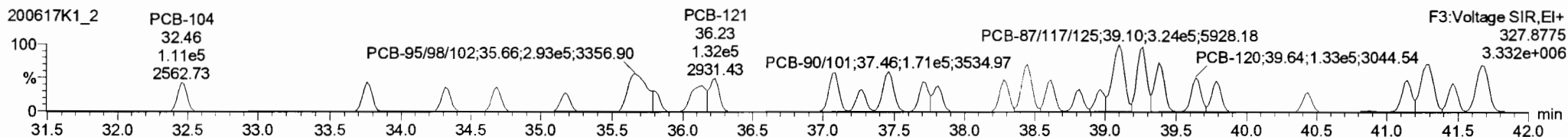
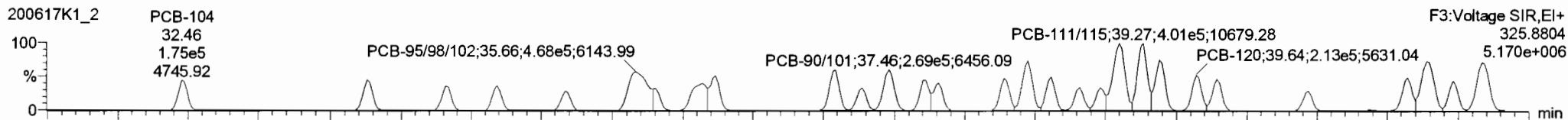
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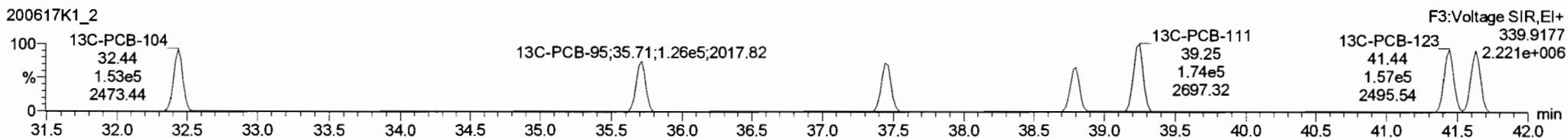
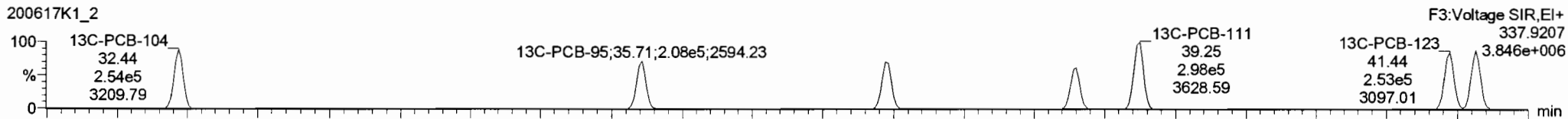
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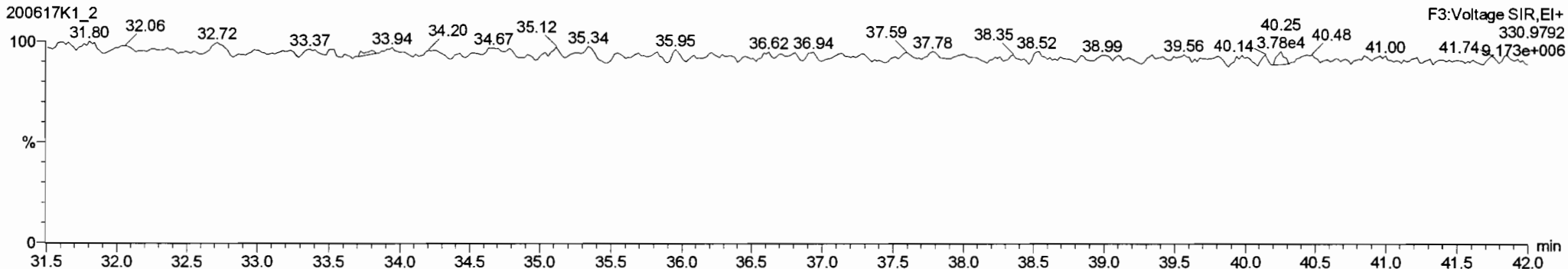
PCB-104



13C-PCB-104



PFK3b

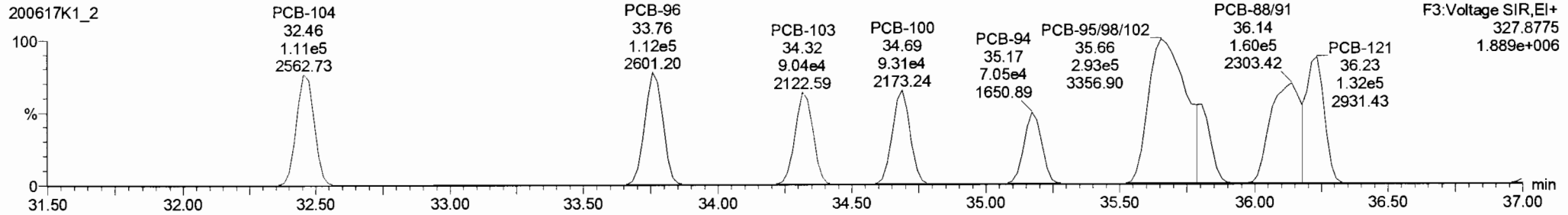
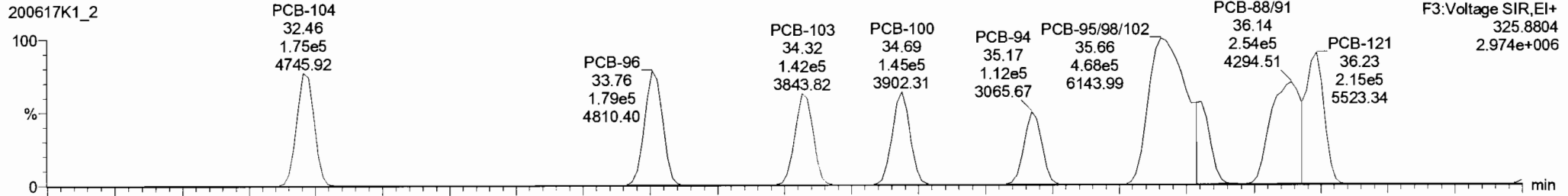


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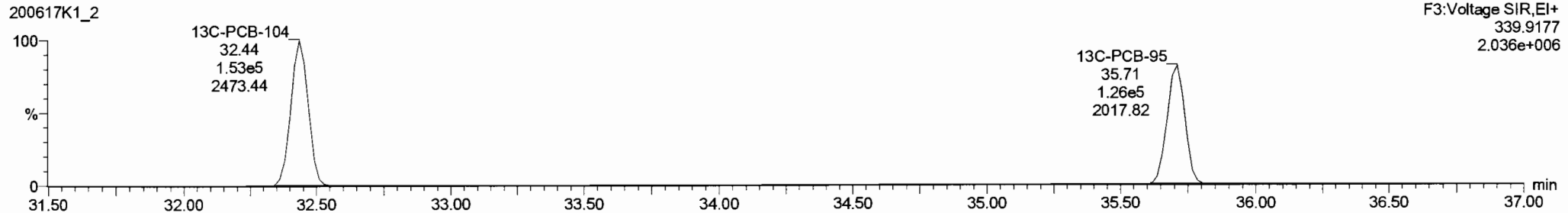
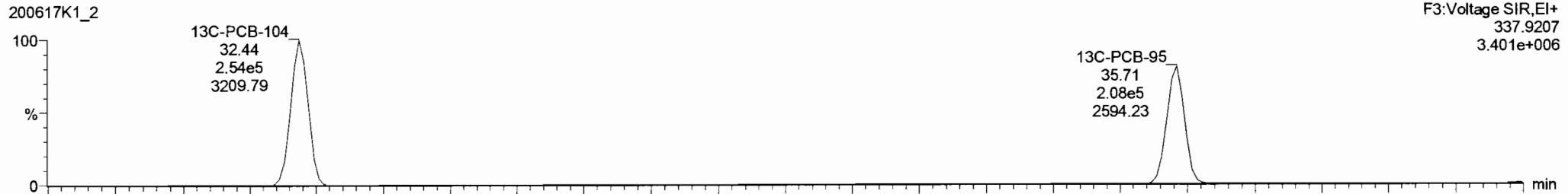
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Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

PCB-96

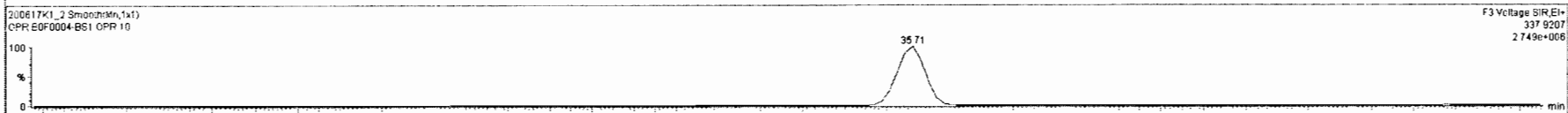
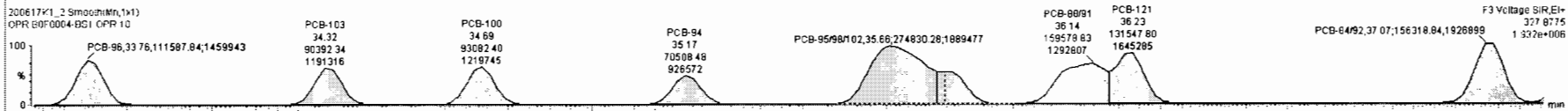
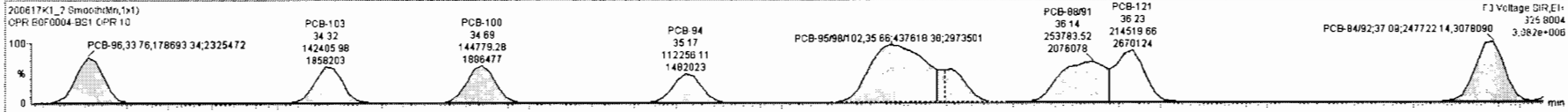


13C-PCB-95



#	Name	Resp	RA	rv	RRF	wt/wot	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rac	DL	EMPC
222	222 13C-PCB-79	6.54e5	0.79	NO	1.0821	5.000	37.78	37.78	0.968	0.968	NO	2026	101	2.37	
223	223 13C-PCB-178	2.96e5	0.46	NO	1.0506	5.000	45.85	45.87	0.923	0.923	NO	1826	96.3	1.96	
224	224 Total Mono-PCBs				1.1665	5.000	0.00		0.000		NO	3915		1.58	3915
225	225 Total Di-PCBs				1.0537	5.000	0.00		0.000		NO	14330		13.1	14330
226	226 2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO	9894		5.48	9894
227	227 3rd Function Tri-PCBs				0.9826	5.000	0.00		0.000		NO	18490		18.8	18490
228	228 Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	51420		25.5	51420
229	229 3rd Function Penta-PCBs				1.3187	5.000	0.00		0.000		NO	48830		21.9	48830
230	230 4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	5881		3.97	5881
231	231 3rd Function Hexa-PCBs				0.8495	4.000	0.00		0.000		NO	17120		7.47	17120

#	Name	Pred.RT	RT	rt Resp	rt2 Resp	1* Ratio (Pred)	RA	rv	EMPC	Conc.
1	64 PCB-104	32.46	32.46	1.759e5	1.07e5	1.560	1.58	NO	1261.8	1261.8
2	65 PCB-96	33.78	33.78	1.787e5	1.116e5	1.560	1.60	NO	1236.8	1236.8
3	66 PCB-103	34.34	34.32	1.424e5	9.038e4	1.560	1.58	NO	1222.1	1222.1
4	67 PCB-100	34.69	34.69	1.448e5	9.308e4	1.560	1.56	NO	1225.3	1225.3
5	68 PCB-94	35.19	35.17	1.123e5	7.051e4	1.560	1.59	NO	1154.9	1154.9
6	69 PCB-95/98/102	35.67	35.66	4.376e5	2.748e5	1.560	1.59	NO	3548.8	3548.8



Dataset: Untitled

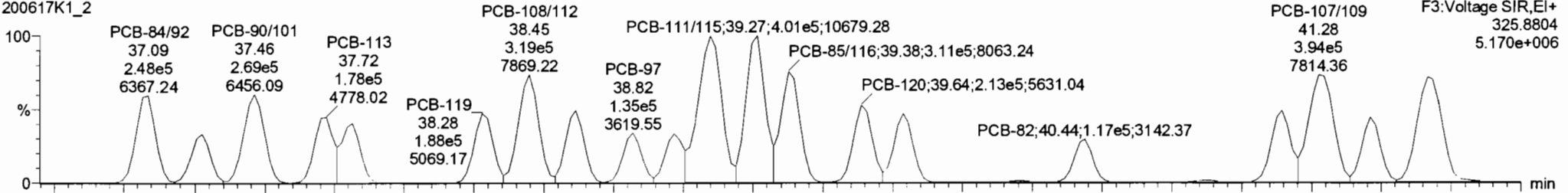
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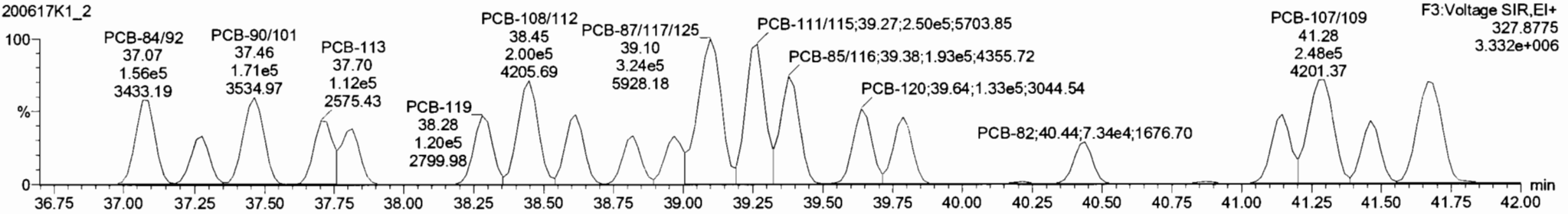
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PCB-119

200617K1_2

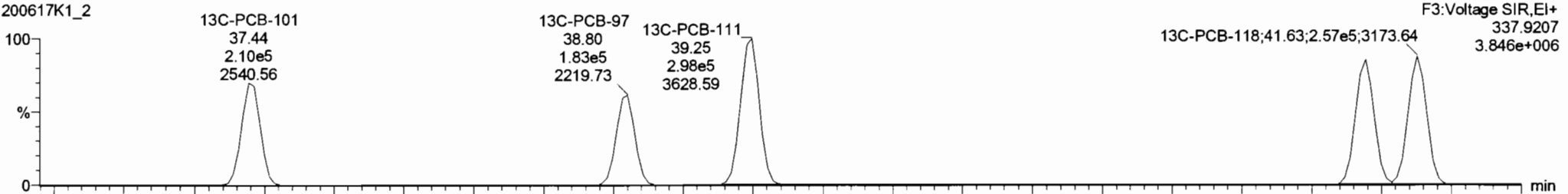


200617K1_2

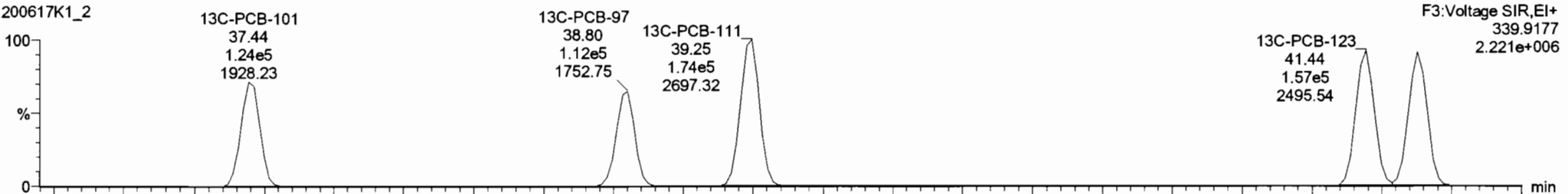


13C-PCB-111

200617K1_2

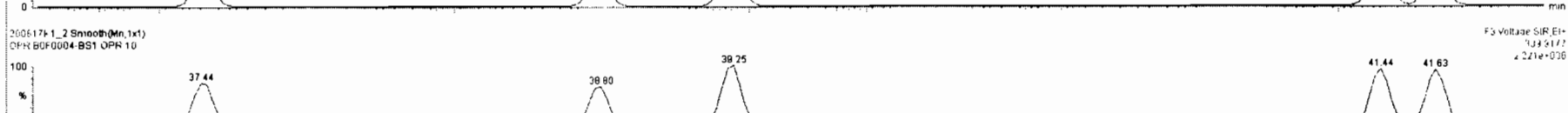
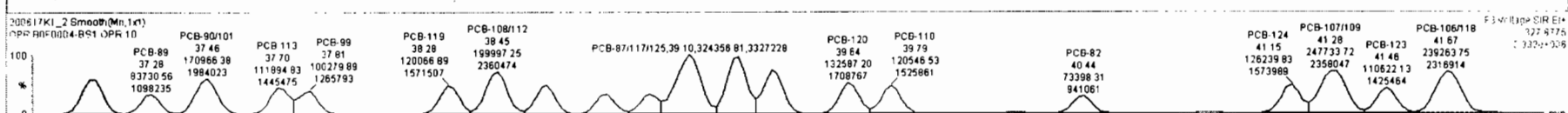
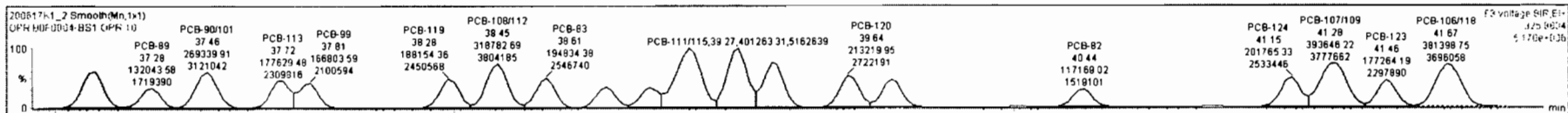


200617K1_2



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R _r	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	8.54e5	0.79	NO	1.0821	5.000	37.78	37.78	0.968	0.968	NO	2026	101	2.37	
223	13C-PCB-178	2.96e5	0.46	NO	1.0508	5.000	45.05	45.87	0.923	0.923	NO	1926	96.3	1.96	
224	Total Mono-PCBs				1.1665	5.000	0.00		0.000		NO	3915		1.58	3915
225	Total Di-PCBs				1.0537	5.000	0.00		0.000		NO	14330		13.1	14330
226	2nd Function Tri-PCBs				1.0807	5.000	0.00		0.000		NO	9894		5.48	9894
227	3rd Function Tri-PCBs				0.9828	5.000	0.00		0.000		NO	18490		16.8	18490
228	Total Tetra-PCBs				1.0778	5.000	0.00		0.000		NO	51420		25.5	51420
229	3rd Function Penta-PCBs				1.3157	5.000	0.00		0.000		NO	48950		21.9	48950
230	4th Function Penta-PCBs				1.0735	5.000	0.00		0.000		NO	5881		3.97	5881
231	3rd Function Hexa-PCBs				0.9406	5.000	0.00		0.000		NO	17120		7.47	17120

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	64 PCB-104	32.46	32.46	1.750e5	1.107e5	1.560	1.58	NO	1251.8	1251.8
2	65 PCB-95	33.78	33.78	1.787e5	1.116e5	1.560	1.60	NO	1236.8	1236.8
3	66 PCB-103	34.34	34.32	1.424e5	9.039e4	1.560	1.58	NO	1222.1	1222.1
4	67 PCB-100	34.69	34.69	1.448e5	9.308e4	1.560	1.56	NO	1226.3	1226.3
5	68 PCB-94	35.19	35.17	1.123e5	7.051e4	1.560	1.59	NO	1154.9	1154.9
6	69 PCB-95/98/102	35.67	35.66	4.376e5	2.748e5	1.560	1.59	NO	3546.8	3546.8

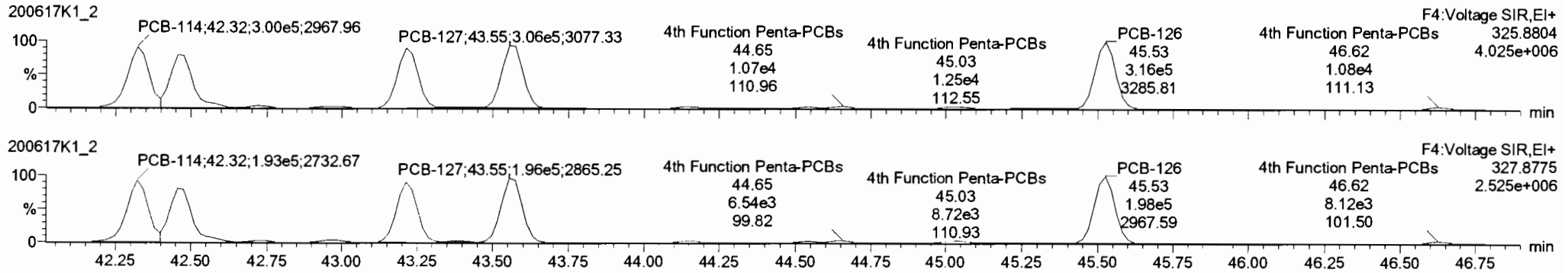


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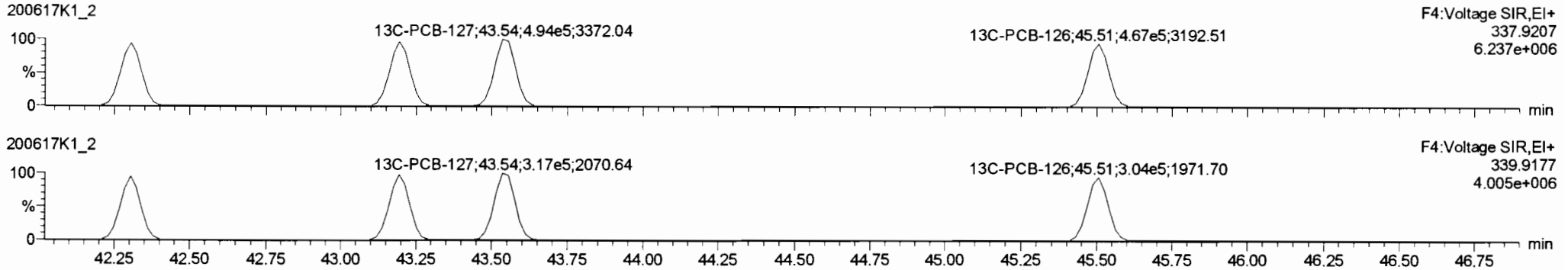
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Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

Name: 200617K1_2, Date: 17-Jun-2020, Time: 14:16:40, ID: B0F0004-BS1 OPR 10, Description: OPR

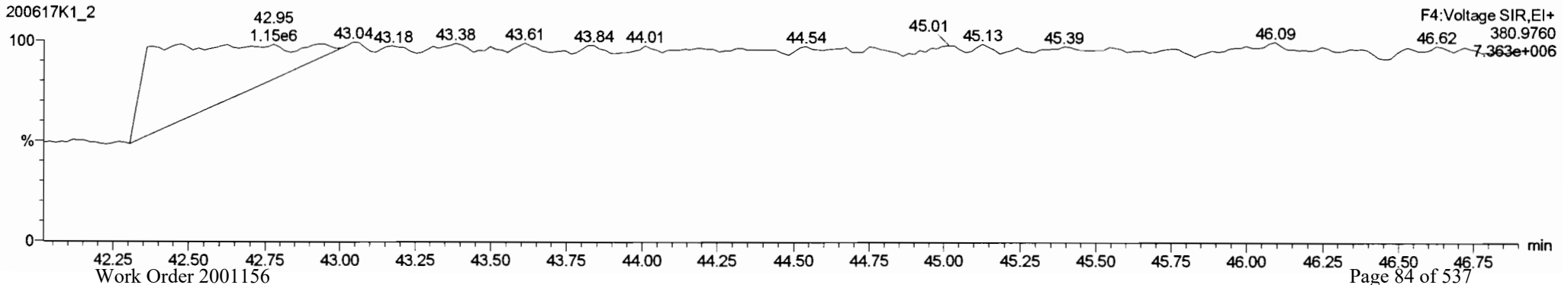
PCB-114



13C-PCB-114



PFK4a



#	Name	Resp	RA	n/y	RPF	wt/nd	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DJ	EMPC
222	13C-PCB-79	8.54e5	0.79	NO	1.0621	5.000	37.78	37.78	0.969	0.968	NO	2026	101	2.37	
223	13C-PCB-178	2.96e5	0.46	NO	1.0508	5.000	45.87	45.87	0.923	0.923	NO	1926	96.3	1.96	
224	Total Mono-PCBs				1.1665	5.000	0.00	0.00	0.000		NO	3915		1.58	3915
225	Total Di-PCBs				1.0537	5.000	0.00	0.00	0.000		NO	14330		13.1	14330
226	2nd Function Tri-PCBs				1.0807	5.000	0.00	0.00	0.000		NO	9894		5.48	9894
227	3rd Function Tri-PCBs				0.9628	5.000	0.00	0.00	0.000		NO	18490		16.8	18490
228	Total Tetra-PCBs				1.0778	5.000	0.00	0.00	0.000		NO	51420		25.5	51420
229	3rd Function Penta-PCBs				1.3157	5.000	0.00	0.00	0.000		NO	48950		21.9	48950
230	4th Function Penta-PCBs				1.0736	5.000	0.00	0.00	0.000		NO	5900		3.97	5900
231	3rd Function Hexa-PCBs				0.9998	5.000	0.00	0.00	0.000		NO	17100		7.47	17100

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.33	42.32	2.941e5	1.883e5	1.560	1.56	NO	1127.9	1127.9
2	94 PCB-122	42.47	42.46	2.633e5	1.673e5	1.560	1.57	NO	1216.5	1216.5
3	95 PCB-105	43.21	43.21	2.839e5	1.797e5	1.550	1.58	NO	1148.0	1148.0
4	96 PCB-127	43.55	43.56	3.056e5	1.962e5	1.560	1.56	NO	1168.7	1168.7
5	97 PCB-126	45.52	45.53	3.164e5	1.981e5	1.560	1.60	NO	1138.5	1138.5



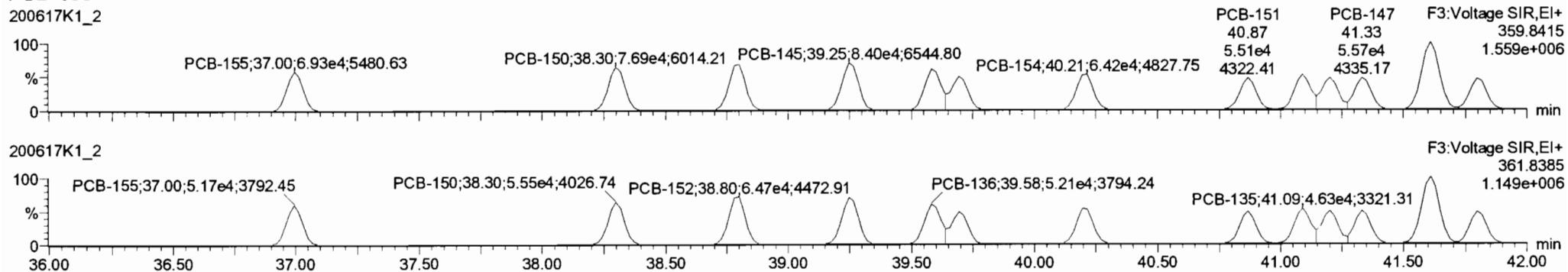
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Printed: Thursday, June 18, 2020 08:04:50 Pacific Daylight Time

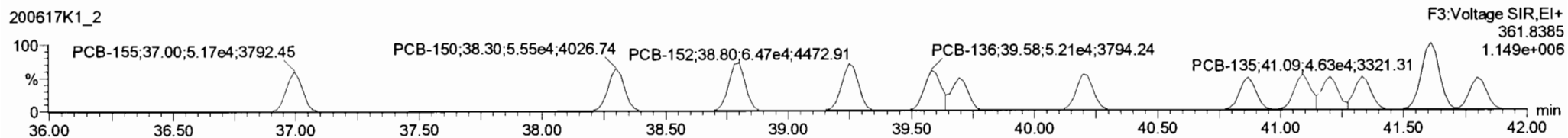
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PCB-155

200617K1_2

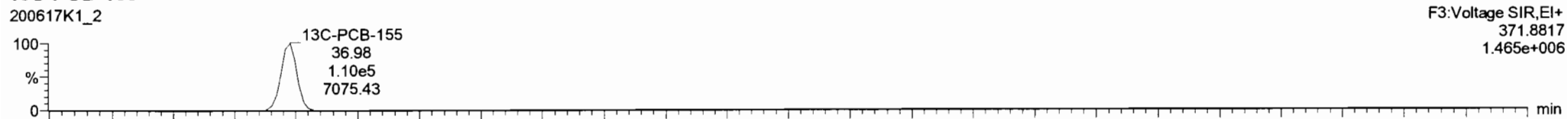


200617K1_2

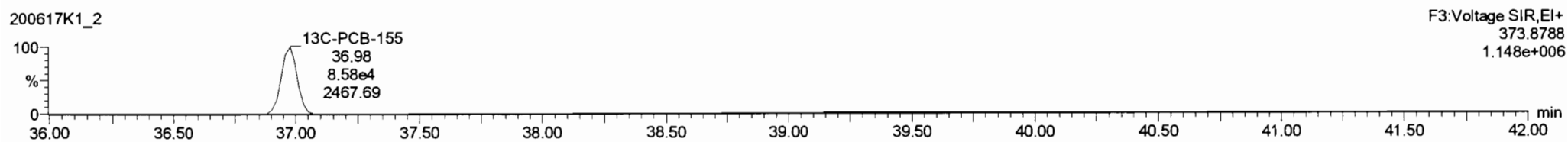


13C-PCB-155

200617K1_2

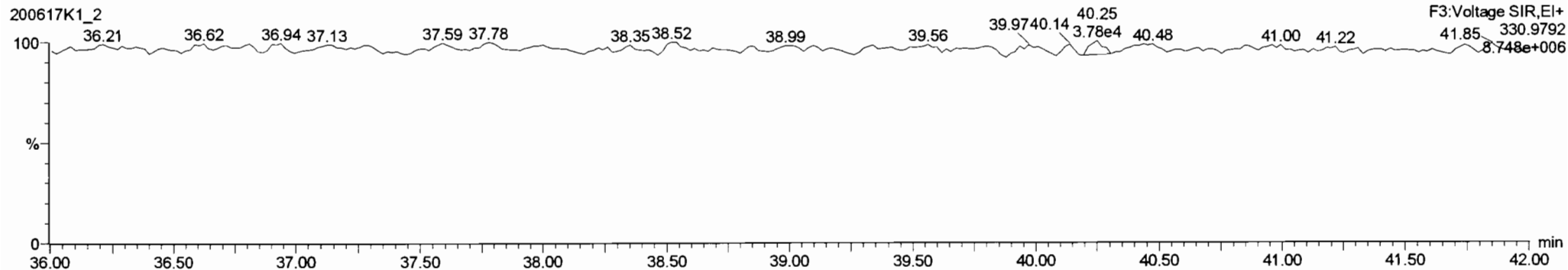


200617K1_2



PFK3c

200617K1_2

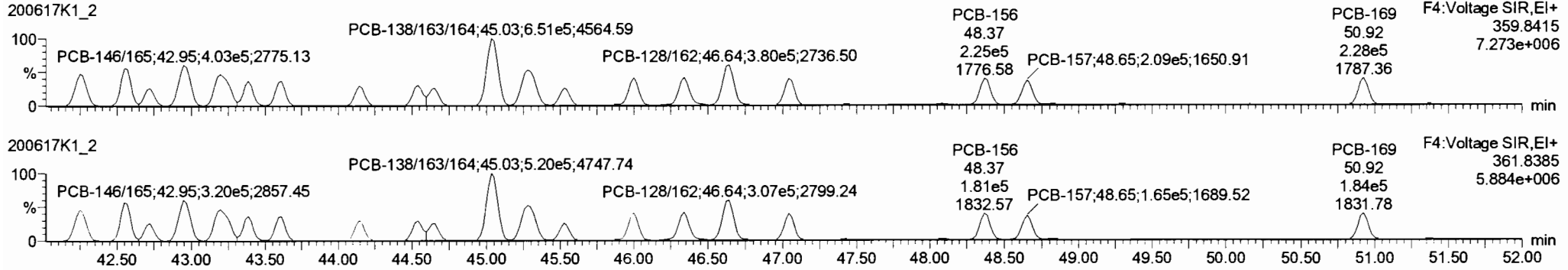


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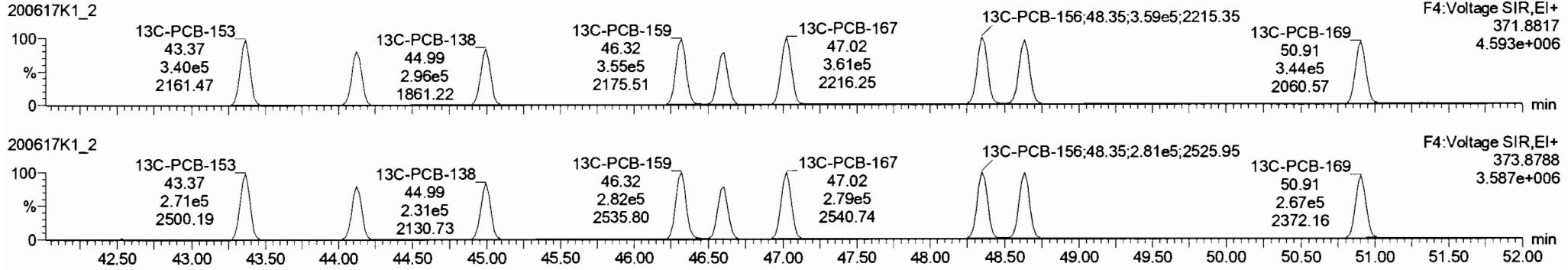
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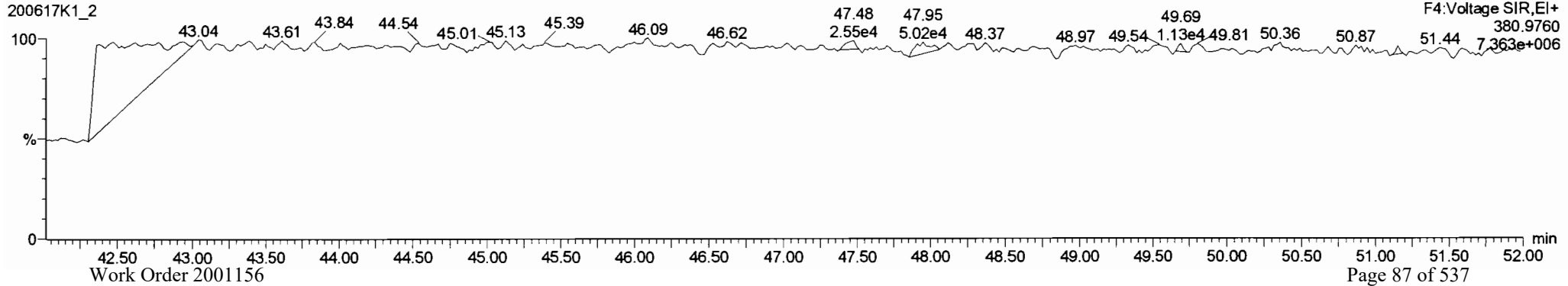
PCB-134/143



13C-PCB-153



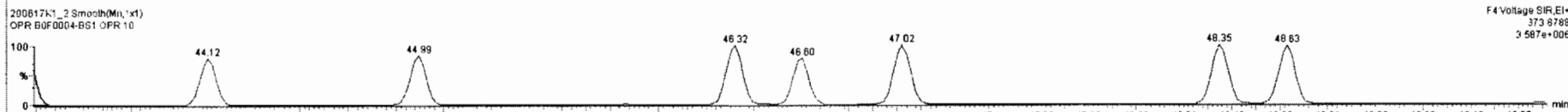
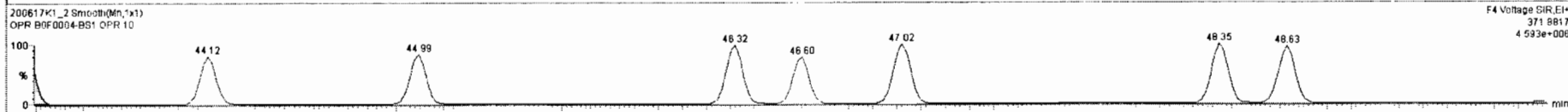
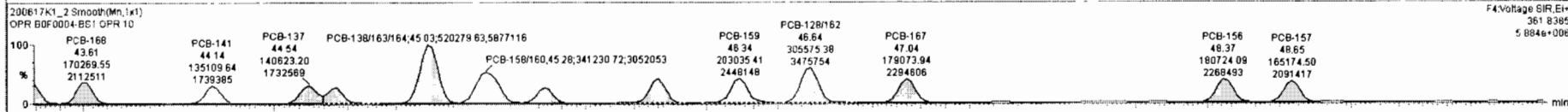
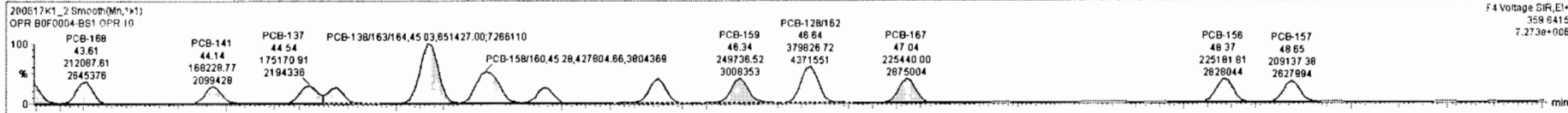
PFK4b



200617K1_2 - B0F0004-BS1 OPR 10 - OPR

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				1.0316	5.000	0.00		0.000		NO	32550		29.7	32550
233	Total Hepta-PCBs				1.3551	5.000	0.00		0.000		NO	28110		30.7	28110
234	4th Function Octa-PCBs				1.0008	5.000	0.00		0.000		NO	11120		5.74	11120
235	5th Function Octa-PCBs				1.1498	5.000	0.00		0.000		NO	3402		4.14	3402
236	Total Nona-PCBs				0.9523	5.000	0.00		0.000		NO	3411		3.33	3411
237	Deca-CB				0.9864	5.000	0.00		0.000		NO	1159		0.376	1159
238	Total PCBs														
239	Total Mono-Isotopes														
240	Total Di-Isotopes														
241	2nd Function Tri-Isotopes														

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.26	42.25	3.068e5	2.439e5	1.240	1.26	NO	2375.4	2375.4
2	112 PCB-131/133	42.56	42.55	3.244e5	2.654e5	1.240	1.22	NO	2352.1	2352.1
3	113 PCB-142	42.72	42.72	1.483e5	1.192e5	1.240	1.24	NO	1161.0	1161.0
4	114 PCB-146/165	42.97	42.95	4.025e5	3.201e5	1.240	1.26	NO	2327.0	2327.0
5	115 PCB-132/161	43.20	43.19	3.983e5	3.197e5	1.240	1.25	NO	2295.1	2295.1
6	116 PCB-153	43.36	43.36	2.083e5	1.681e5	1.240	1.24	NO	1151.0	1151.0



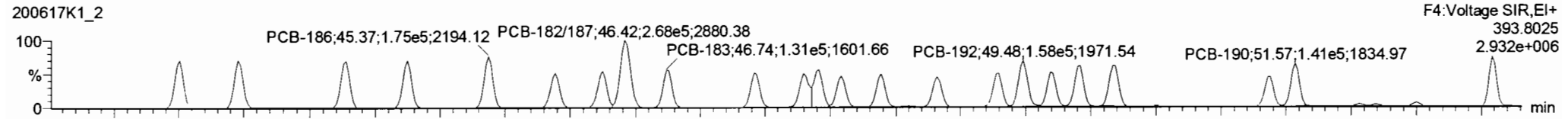
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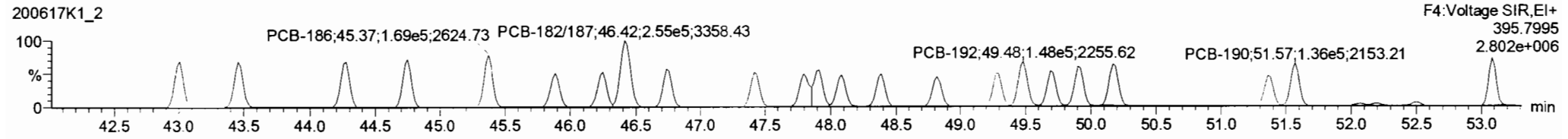
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PCB-188

200617K1_2

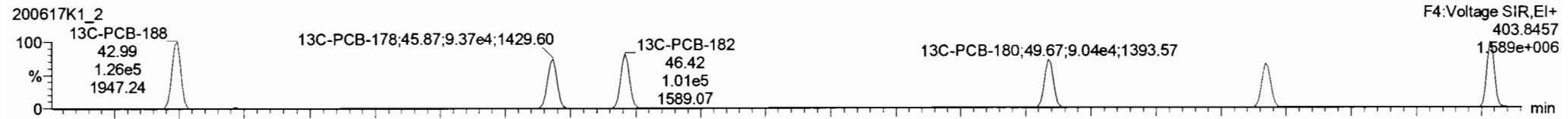


200617K1_2

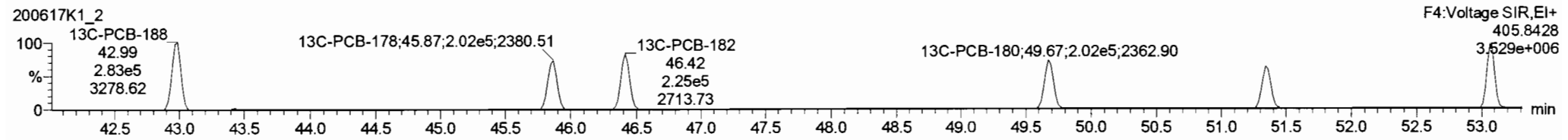


13C-PCB-188

200617K1_2

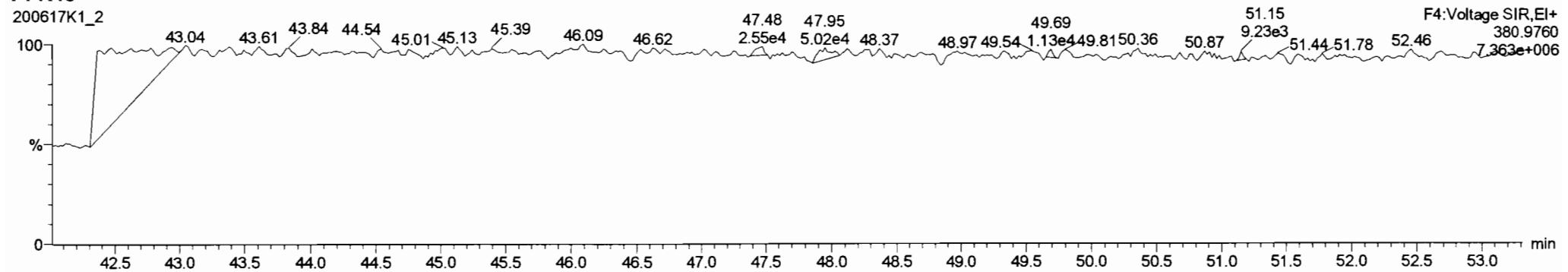


200617K1_2



PFK4c

200617K1_2



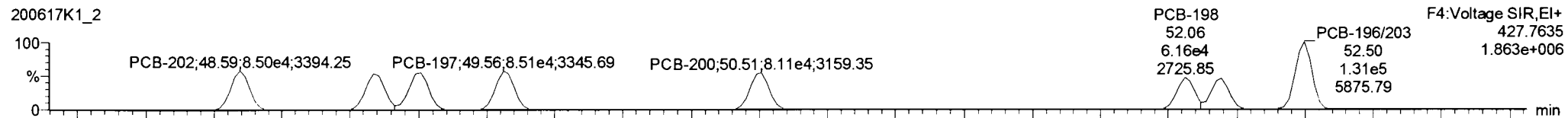
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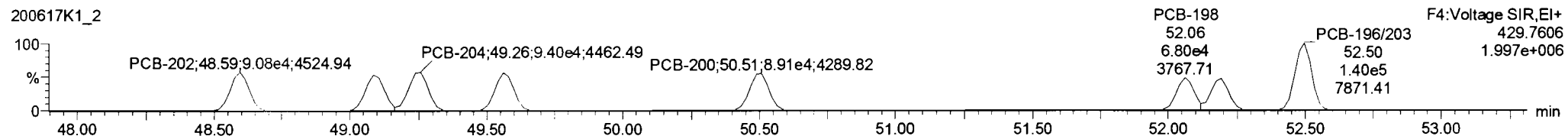
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PCB-202

200617K1_2

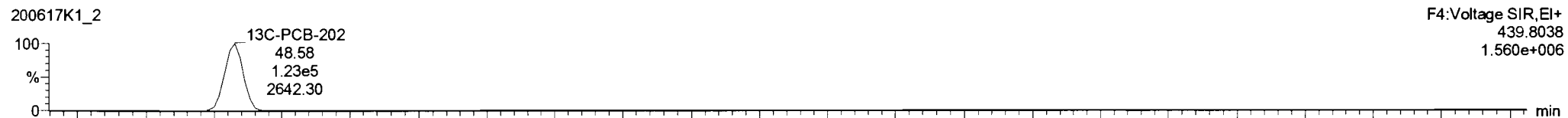


200617K1_2

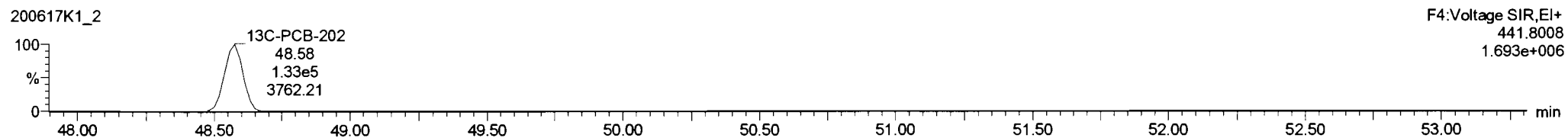


13C-PCB-202

200617K1_2

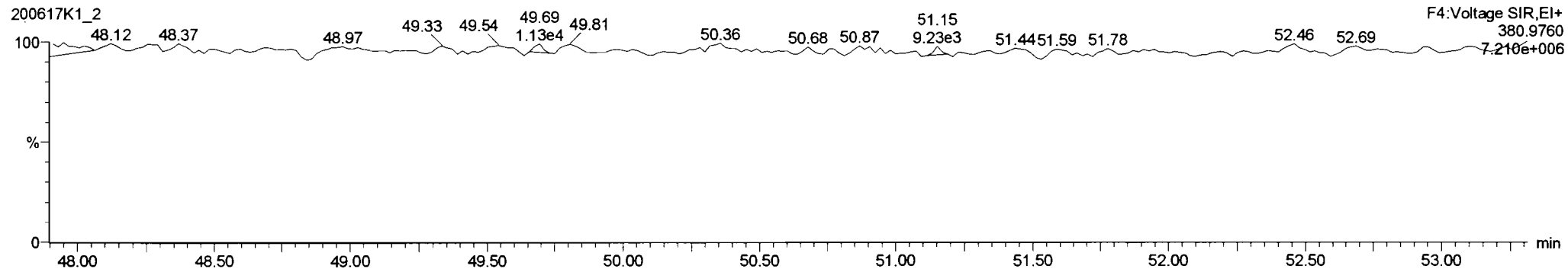


200617K1_2



PFK4d

200617K1_2



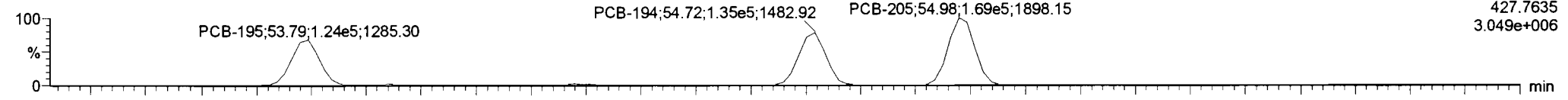
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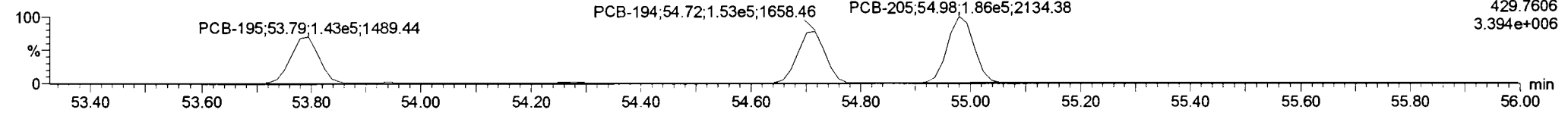
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PCB-195

200617K1_2

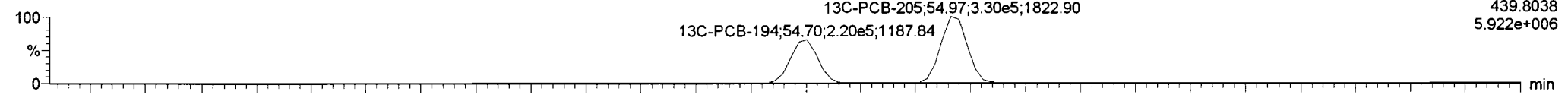


200617K1_2

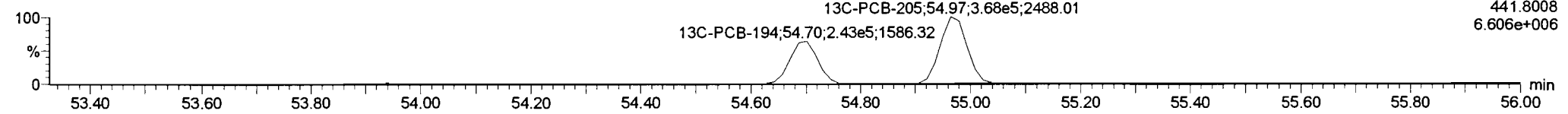


13C-PCB-194

200617K1_2

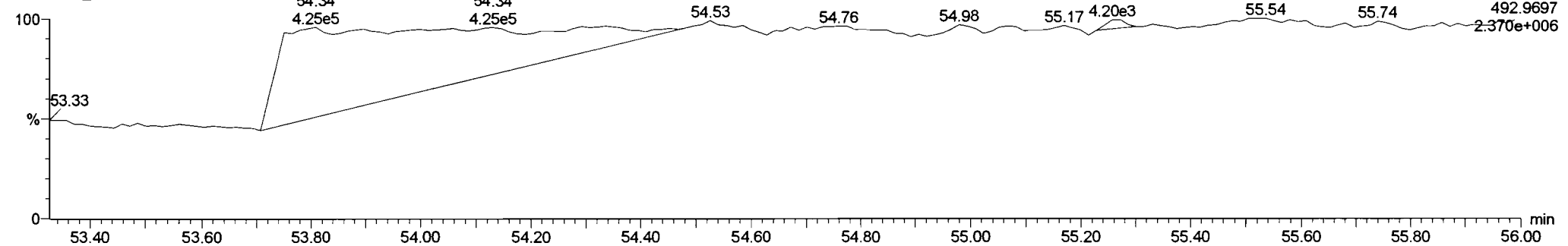


200617K1_2



PFK5a

200617K1_2



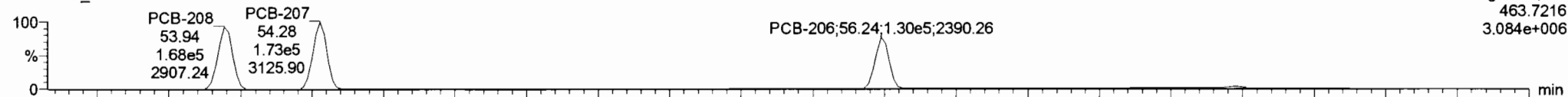
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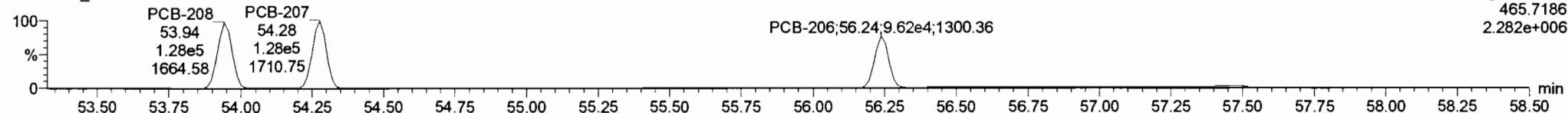
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PCB-208

200617K1_2

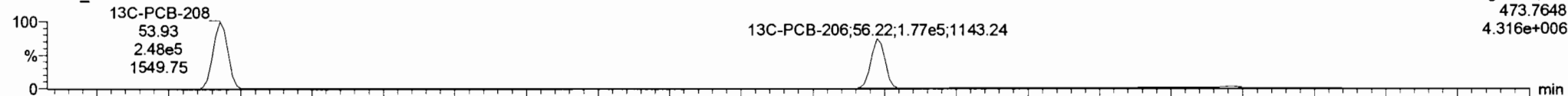


200617K1_2

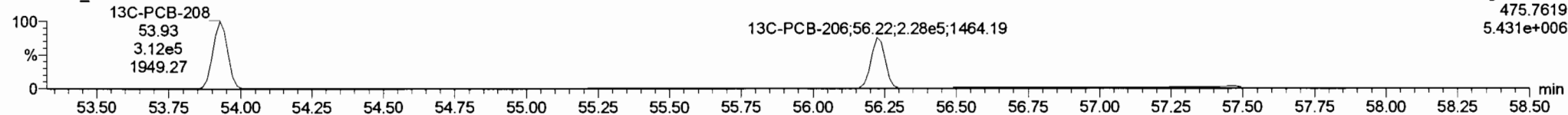


13C-PCB-208

200617K1_2

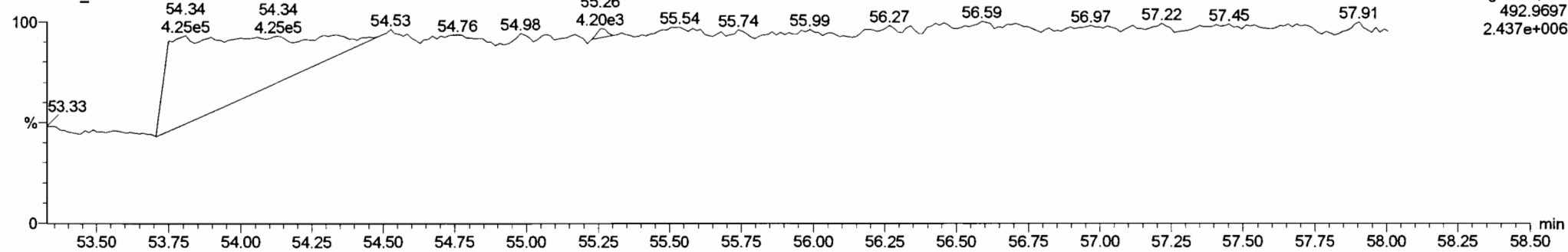


200617K1_2



PFK5

200617K1_2



Dataset: Untitled

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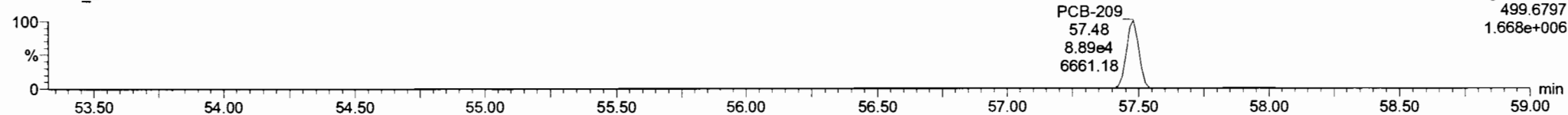
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PCB-209

200617K1_2

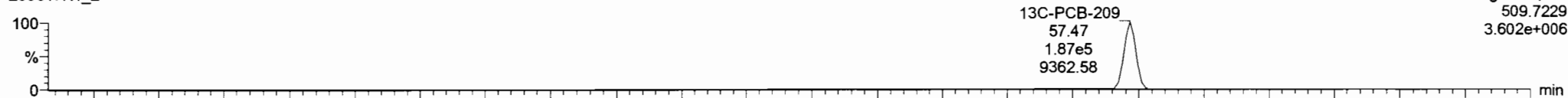


200617K1_2

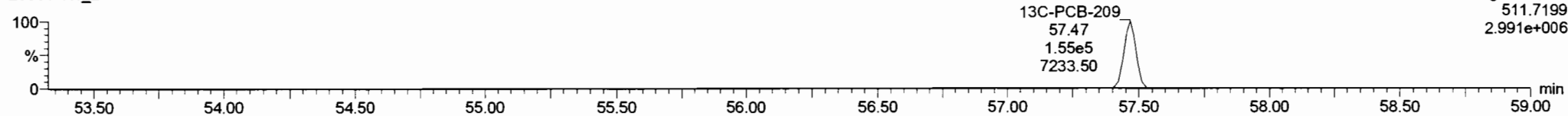


13C-PCB-209

200617K1_2

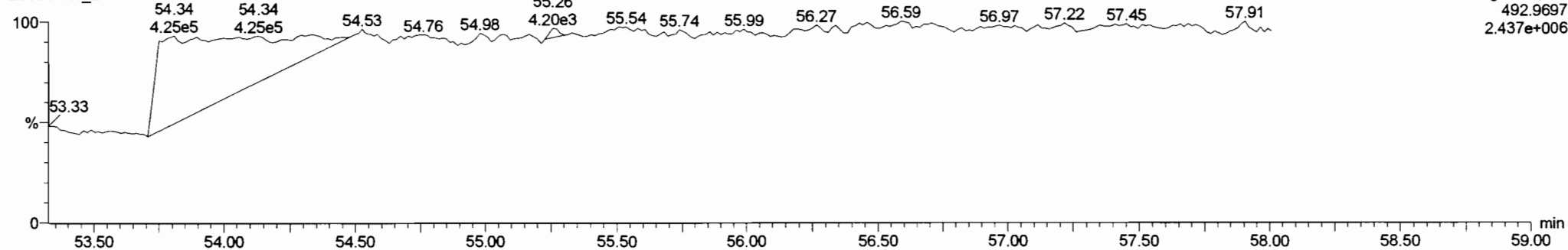


200617K1_2



PFK5b

200617K1_2



Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

by 07-10-2020

C707/10e/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	4.06e3	3.29	NO	1.17	5.313	15.54	15.54	1.001	1.001	NO	7.096		0.374	7.096
2	2 PCB-2	2.20e3	3.24	NO	1.18	5.313	17.95	17.94	0.988	0.988	NO	3.482		0.376	3.482
3	3 PCB-3	4.10e3	3.55	NO	1.15	5.313	18.18	18.19	1.001	1.001	NO	6.672		0.388	6.672
4	4 PCB-4/10	3.67e3	1.37	NO	1.25	5.313	19.60	19.54	1.004	1.001	NO	9.404		1.45	9.404
5	5 PCB-7/9			NO	0.960	5.313	21.41		1.003		YES			1.16	
6	6 PCB-6			NO	1.02	5.313	22.06		1.033		YES			1.09	
7	7 PCB-5/8	1.05e4	1.52	NO	0.992	5.313	22.46	22.46	1.052	1.052	NO	20.08		1.12	20.08
8	8 PCB-14			NO	1.02	5.313	23.64		0.952		YES			1.72	
9	9 PCB-11			NO	1.13	5.313	24.86		1.001		YES			1.55	
10	10 PCB-12/13			NO	1.03	5.313	25.30		1.018		YES			1.70	
11	11 PCB-15	4.15e3	1.35	NO	1.03	5.313	25.61	25.57	1.031	1.029	NO	8.921		1.69	8.921
12	12 PCB-19	3.37e3	0.95	NO	1.11	5.313	23.80	23.79	1.001	1.001	NO	9.020		0.895	9.020
13	13 PCB-30			NO	1.79	5.313	24.70		1.039		YES			0.552	
14	14 PCB-18	9.27e3	1.03	NO	0.818	5.313	25.47	25.49	0.952	0.952	NO	21.68		0.757	21.68
15	15 PCB-17	7.32e3	1.02	NO	0.758	5.313	25.65	25.65	0.958	0.958	NO	18.46		0.816	18.46
16	16 PCB-24/27	2.14e3	1.11	NO	1.08	5.313	26.26	26.23	0.981	0.980	NO	3.783		0.572	3.783
17	17 PCB-16/32	1.37e4	0.96	NO	0.925	5.313	26.79	26.77	1.001	1.000	NO	28.38		0.669	28.38
18	18 PCB-34			NO	0.945	5.313	27.58		0.959		YES			1.16	
19	19 PCB-23			NO	0.883	5.313	27.67		0.962		YES			1.24	
20	20 PCB-29			NO	0.893	5.313	27.93		0.971		YES			1.22	
21	21 PCB-26	2.66e3	1.30	YES	0.944	5.313	28.16	28.17	0.979	0.979	NO	6.641		1.16	5.893
22	22 PCB-25	1.67e3	1.10	NO	0.950	5.313	28.31	28.34	0.984	0.985	NO	4.124		1.15	4.124
23	23 PCB-31	1.99e4	0.96	NO	1.04	5.313	28.68	28.70	0.997	0.997	NO	45.20		1.05	45.20
24	24 PCB-28	1.63e4	0.97	NO	1.03	5.313	28.79	28.79	1.001	1.001	NO	37.25		1.07	37.25
25	25 PCB-20/21/33	1.25e4	1.19	NO	0.941	5.313	29.43	29.46	1.023	1.024	NO	31.12		1.16	31.12
26	26 PCB-22	5.28e3	1.01	NO	0.973	5.313	29.87	29.91	1.038	1.039	NO	12.74		1.12	12.74
27	27 PCB-36			NO	1.08	5.313	30.64		0.931		YES			1.24	
28	28 PCB-39			NO	0.988	5.313	31.13		0.946		YES			1.36	
29	29 PCB-38			NO	1.05	5.313	31.93		0.970		YES			1.27	
30	30 PCB-35			NO	1.04	5.313	32.47		0.987		YES			1.28	

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time
Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
31	31 PCB-37	4.00e3	1.11	NO	1.01	5.313	32.92	32.92	1.001	1.001	NO	8.522		1.33	8.522
32	32 PCB-54	7.41e2	0.81	NO	1.08	5.313	27.64	27.64	1.001	1.001	NO	1.514		0.326	1.514
33	33 PCB-50			NO	0.880	5.313	28.83		1.044		YES			0.400	
34	34 PCB-53	6.77e3	0.76	NO	0.997	5.313	29.53	29.51	0.944	0.943	NO	17.14		0.438	17.14
35	35 PCB-51	2.21e3	0.66	NO	1.07	5.313	29.87	29.87	0.955	0.955	NO	5.224		0.410	5.224
36	36 PCB-45	3.25e3	0.77	NO	0.858	5.313	30.32	30.33	0.969	0.970	NO	9.554		0.509	9.554
37	37 PCB-46	1.85e3	0.67	NO	0.831	5.313	30.81	30.82	0.985	0.985	NO	5.631		0.526	5.631
38	38 PCB-52/69	1.13e5	0.75	NO	1.17	5.313	31.32	31.30	1.001	1.001	NO	244.0		0.375	244.0
39	39 PCB-73			NO	1.44	5.313	31.43		1.005		YES			0.303	
40	40 PCB-43/49	3.60e4	0.74	NO	1.02	5.313	31.61	31.62	1.010	1.011	NO	89.39		0.430	89.39
41	41 PCB-47	9.72e3	0.84	NO	0.922	5.313	31.84	31.84	1.001	1.001	NO	25.19		0.494	25.19
42	42 PCB-48/75	4.63e3	0.73	NO	1.12	5.313	31.95	31.95	1.004	1.004	NO	9.872		0.407	9.872
43	43 PCB-65			NO	1.28	5.313	32.22		1.013		YES			0.355	
44	44 PCB-62			NO	1.13	5.313	32.33		1.016		YES			0.404	
45	45 PCB-44			NO	0.824	5.313	32.67		1.027		YES			0.553	
46	46 PCB-42/59			NO	1.05	5.313	32.90		1.034		YES			0.434	
47	47 PCB-41/64/71/72	2.39e4	0.75	NO	1.19	5.313	33.51	33.55	1.053	1.054	NO	48.11		0.384	48.11
48	48 PCB-68	2.23e2	1.43	YES	1.28	5.313	33.76	33.78	1.061	1.061	NO	0.4165		0.257	0.3031
49	49 PCB-40	3.34e3	0.71	NO	0.602	5.313	33.99	33.98	1.068	1.068	NO	13.26		0.757	13.26
50	50 PCB-57			NO	1.16	5.313	34.36		0.969		YES			0.628	
51	51 PCB-67			NO	1.08	5.313	34.68		0.978		YES			0.674	
52	52 PCB-58			NO	1.20	5.313	34.80		0.982		YES			0.607	
53	53 PCB-63			NO	1.07	5.313	34.95		0.986		YES			0.682	
54	54 PCB-74			NO	1.19	5.313	35.25		0.994		YES			0.616	
55	55 PCB-61/70	4.30e4	0.71	NO	1.05	5.313	35.47	35.47	1.000	1.001	NO	201.6		0.693	201.6
56	56 PCB-76/66	3.77e4	0.73	NO	1.16	5.313	35.66	35.67	1.006	1.006	NO	160.0		0.627	160.0
57	57 PCB-80			NO	1.19	5.313	35.88		1.001		YES			0.277	
58	58 PCB-55	9.24e2	0.67	NO	1.17	5.313	36.20	36.18	1.010	1.009	NO	1.581		0.281	1.581
59	59 PCB-56/60	2.37e4	0.74	NO	1.02	5.313	36.72	36.72	1.024	1.024	NO	46.64		0.323	46.64
60	60 PCB-79	1.96e3	0.68	NO	1.14	5.313	37.82	37.83	1.055	1.055	NO	3.439		0.289	3.439
61	61 PCB-78			NO	1.14	5.313	38.54		0.987		YES			0.278	
62	62 PCB-81	1.05e3	0.81	NO	1.05	5.313	39.08	39.12	1.000	1.001	NO	1.913		0.302	1.913
63	63 PCB-77	2.63e3	0.88	NO	1.14	5.313	39.69	39.67	1.000	1.000	NO	4.478		0.278	4.478

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
64	64 PCB-104			NO	1.12	5.313	32.55		1.001		YES			0.439	
65	65 PCB-96			NO	1.15	5.313	33.87		1.041		YES			0.427	
66	66 PCB-103			NO	0.936	5.313	34.44		1.059		YES			0.527	
67	67 PCB-100	5.52e2	2.85	YES	0.954	5.313	34.79	34.78	1.069	1.069	NO	1.987		0.517	1.302
68	68 PCB-94	2.93e2	2.77	YES	0.949	5.313	35.23	35.26	0.985	0.986	NO	1.289		0.545	0.8621
69	69 PCB-95/98/102	1.36e5	1.62	NO	1.20	5.313	35.71	35.77	0.999	1.001	NO	463.0		0.429	463.0
70	70 PCB-93			NO	0.935	5.313	35.83		1.002		YES			0.553	
71	71 PCB-88/91	1.55e4	1.63	NO	1.06	5.313	36.18	36.18	1.012	1.012	NO	59.82		0.485	59.82
72	72 PCB-121			NO	1.71	5.313	36.27		1.015		YES			0.302	
73	73 PCB-84/92	5.80e4	1.64	NO	1.02	5.313	37.12	37.11	0.990	0.990	NO	232.0		0.506	232.0
74	74 PCB-89	5.73e2	1.38	NO	1.11	5.313	37.29	37.29	0.995	0.995	NO	2.110		0.466	2.110
75	75 PCB-90/101	1.92e5	1.57	NO	1.12	5.313	37.50	37.50	1.000	1.001	NO	697.7		0.459	697.7
76	76 PCB-113			NO	1.51	5.313	37.74		1.007		YES			0.340	
77	77 PCB-99	5.99e4	1.52	NO	1.32	5.313	37.83	37.83	1.009	1.009	NO	184.6		0.390	184.6
78	78 PCB-119	3.79e3	1.52	NO	1.81	5.313	38.32	38.30	0.987	0.987	NO	9.291		0.312	9.291
79	79 PCB-108/112	5.52e3	1.58	NO	1.44	5.313	38.47	38.48	0.991	0.991	NO	16.91		0.390	16.91
80	80 PCB-83			NO	1.83	5.313	38.62		0.995		YES			0.308	
81	81 PCB-97	3.92e4	1.53	NO	1.28	5.313	38.84	38.84	1.000	1.000	NO	135.4		0.439	135.4
82	82 PCB-86			NO	1.12	5.313	38.99		1.004		YES			0.504	
83	83 PCB-87/117/125	6.49e4	1.55	NO	1.56	5.313	39.14	39.14	1.008	1.008	NO	184.4		0.361	184.4
84	84 PCB-111/115	2.47e3	1.41	NO	1.91	5.313	39.29	39.28	1.012	1.012	NO	5.729		0.295	5.729
85	85 PCB-85/116	1.91e4	1.49	NO	1.41	5.313	39.42	39.40	1.015	1.015	NO	60.08		0.399	60.08
86	86 PCB-120			NO	2.01	5.313	39.68		1.022		YES			0.281	
87	87 PCB-110	2.02e5	1.59	NO	1.74	5.313	39.81	39.81	1.026	1.025	NO	512.7		0.323	512.7
88	88 PCB-82	1.07e4	1.54	NO	0.781	5.313	40.46	40.44	0.976	0.975	NO	46.13		0.551	46.13
89	89 PCB-124	7.85e3	2.06	YES	1.40	5.313	41.17	41.16	0.993	0.993	NO	15.80		0.308	15.84
90	90 PCB-107/109	9.43e3	1.74	NO	1.34	5.313	41.31	41.33	0.996	0.997	NO	23.64		0.321	23.64
91	91 PCB-123	2.00e3	2.44	YES	1.20	5.313	41.48	41.48	1.000	1.000	NO	5.812		0.360	4.177
92	92 PCB-106/118	1.56e5	1.57	NO	1.22	5.313	41.69	41.67	1.001	1.000	NO	410.0		0.333	410.0
93	93 PCB-114	3.26e3	1.71	NO	1.14	5.313	42.34	42.34	1.000	1.000	NO	7.503		0.533	7.503
94	94 PCB-122	1.33e3	1.67	NO	0.944	5.313	42.49	42.47	1.004	1.004	NO	3.690		0.645	3.690
95	95 PCB-105	5.85e4	1.59	NO	1.05	5.313	43.23	43.23	1.000	1.000	NO	144.3		0.578	144.3
96	96 PCB-127			NO	1.06	5.313	43.57		1.000		YES			0.549	

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#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
97	97 PCB-126	3.94e2	1.39	NO	1.17	5.313	45.54	45.54	1.000	1.000	NO	0.9492		0.554	0.9492
98	98 PCB-155			NO	1.04	5.313	37.01		1.000		YES			0.292	
99	99 PCB-150	1.92e2	1.30	NO	1.08	5.313	38.33	38.33	1.036	1.036	NO	1.207		0.281	1.207
100	1... PCB-152			NO	1.19	5.313	38.82		1.049		YES			0.257	
101	1... PCB-145			NO	1.19	5.313	39.28		1.062		YES			0.256	
102	1... PCB-136	2.19e4	1.29	NO	1.02	5.313	39.62	39.60	1.071	1.070	NO	146.6		0.298	146.6
103	1... PCB-148			NO	0.842	5.313	39.73		1.074		YES			0.362	
104	1... PCB-154	1.27e3	1.26	NO	0.919	5.313	40.24	40.22	1.088	1.087	NO	9.445		0.331	9.445
105	1... PCB-151	3.08e4	1.39	NO	0.787	5.313	40.90	40.88	1.105	1.105	NO	266.9		0.387	266.9
106	1... PCB-135	1.48e4	1.40	NO	0.922	5.313	41.11	41.11	1.111	1.111	NO	109.5		0.330	109.5
107	1... PCB-144	5.35e3	1.55	YES	0.789	5.313	41.22	41.22	1.114	1.114	NO	46.28		0.316	40.72
108	1... PCB-147	1.24e3	1.34	NO	0.834	5.313	41.35	41.35	1.118	1.118	NO	10.16		0.365	10.16
109	1... PCB-139/149	9.74e4	1.29	NO	0.948	5.313	41.64	41.61	1.125	1.125	NO	701.2		0.321	701.2
110	1... PCB-140	5.28e2	1.37	NO	0.794	5.313	41.82	41.81	1.130	1.130	NO	4.543		0.384	4.543
111	1... PCB-134/143	1.10e4	1.38	NO	0.759	5.313	42.30	42.28	0.975	0.975	NO	34.52		0.796	34.52
112	1... PCB-131/133	6.48e3	1.24	NO	0.821	5.313	42.59	42.57	0.982	0.981	NO	18.75		0.736	18.75
113	1... PCB-142			NO	0.754	5.313	42.74		0.985		YES			0.801	
114	1... PCB-146/165	4.36e4	1.25	NO	1.02	5.313	42.98	42.99	0.991	0.991	NO	101.9		0.594	101.9
115	1... PCB-132/161	7.97e4	1.23	NO	1.02	5.313	43.22	43.25	0.996	0.997	NO	185.0		0.590	185.0
116	1... PCB-153	3.33e5	1.22	NO	1.07	5.313	43.40	43.40	1.000	1.000	NO	738.8		0.564	738.8
117	1... PCB-168	2.73e2	0.77	YES	1.08	5.313	43.63	43.61	1.006	1.005	NO	0.6014		0.591	0.4715
118	1... PCB-141	6.09e4	1.24	NO	1.03	5.313	44.16	44.16	1.000	1.000	NO	174.2		0.737	174.2
119	1... PCB-137	7.97e3	1.02	YES	1.11	5.313	44.56	44.56	1.010	1.009	NO	21.05		0.661	19.21
120	1... PCB-130	1.17e4	1.44	YES	0.885	5.313	44.66	44.67	1.012	1.012	NO	38.75		0.855	35.63
121	1... PCB-138/163/164	3.27e5	1.22	NO	1.28	5.313	45.05	45.05	1.001	1.001	NO	697.9		0.527	697.9
122	1... PCB-158/160	3.55e4	1.21	NO	1.24	5.313	45.30	45.28	1.006	1.006	NO	78.48		0.545	78.48
123	1... PCB-129	7.23e3	1.23	NO	0.867	5.313	45.56	45.54	1.012	1.012	NO	22.90		0.780	22.90
124	1... PCB-166	8.12e2	1.20	NO	1.14	5.313	46.02	46.00	0.993	0.993	NO	1.681		0.533	1.681
125	1... PCB-159			NO	1.22	5.313	46.36		1.000		YES			0.501	
126	1... PCB-128/162	3.08e4	1.24	NO	0.907	5.313	46.65	46.62	1.007	1.006	NO	80.41		0.671	80.41
127	1... PCB-167	1.12e4	1.15	NO	1.11	5.313	47.06	47.06	1.000	1.000	NO	23.28		0.524	23.28
128	1... PCB-156	3.13e4	1.16	NO	1.13	5.313	48.39	48.39	1.000	1.000	NO	65.07		0.516	65.07
129	1... PCB-157	4.99e3	1.16	NO	1.04	5.313	48.67	48.67	1.001	1.001	NO	11.33		0.587	11.33

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time
 Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
130	1... PCB-169			NO	1.16	5.313	50.93		1.000		YES			0.568	
131	1... PCB-188	1.43e2	1.07	NO	1.29	5.313	43.02	43.01	1.001	1.000	NO	0.3512		0.349	0.3512
132	1... PCB-184			NO	1.23	5.313	43.45		1.011		YES			0.365	
133	1... PCB-179	5.24e4	1.00	NO	1.30	5.313	44.28	44.28	1.030	1.030	NO	127.6		0.347	127.6
134	1... PCB-176	1.62e4	1.11	NO	1.31	5.313	44.74	44.77	1.041	1.041	NO	39.22		0.344	39.22
135	1... PCB-186			NO	1.33	5.313	45.37		1.055		YES			0.339	
136	1... PCB-178	1.63e4	0.97	NO	0.943	5.313	45.89	45.90	1.067	1.068	NO	54.55		0.477	54.55
137	1... PCB-175	3.56e3	1.03	NO	0.956	5.313	46.24	46.26	1.076	1.076	NO	11.76		0.471	11.76
138	1... PCB-182/187	1.12e5	1.08	NO	1.07	5.313	46.42	46.42	1.080	1.080	NO	332.8		0.422	332.8
139	1... PCB-183	5.62e4	1.03	NO	1.02	5.313	46.76	46.76	1.088	1.088	NO	173.5		0.440	173.5
140	1... PCB-185	1.08e4	0.93	NO	1.41	5.313	47.44	47.44	0.955	0.955	NO	35.17		0.467	35.17
141	1... PCB-174	8.74e4	1.01	NO	1.35	5.313	47.82	47.82	0.962	0.962	NO	294.3		0.485	294.3
142	1... PCB-181			NO	1.47	5.313	47.91		0.964		YES			0.446	
143	1... PCB-177	4.60e4	1.00	NO	1.28	5.313	48.08	48.08	0.968	0.968	NO	164.2		0.514	164.2
144	1... PCB-171	2.17e4	1.16	NO	1.32	5.313	48.38	48.39	0.974	0.974	NO	75.34		0.499	75.34
145	1... PCB-173	1.69e3	1.11	NO	1.19	5.313	48.82	48.82	0.983	0.982	NO	6.476		0.552	6.476
146	1... PCB-172	1.26e4	1.07	NO	1.38	5.313	49.30	49.29	0.992	0.992	NO	41.77		0.478	41.77
147	1... PCB-192			NO	1.83	5.313	49.48		0.996		YES			0.360	
148	1... PCB-180	2.05e5	1.02	NO	1.41	5.313	49.71	49.71	1.000	1.000	NO	660.8		0.465	660.8
149	1... PCB-193	1.14e4	1.04	NO	1.68	5.313	49.92	49.92	1.005	1.005	NO	31.14		0.392	31.14
150	1... PCB-191	4.61e3	1.07	NO	1.71	5.313	50.18	50.19	1.010	1.010	NO	12.28		0.384	12.28
151	1... PCB-170	7.15e4	1.01	NO	1.40	5.313	51.38	51.38	1.000	1.000	NO	264.5		0.529	264.5
152	1... PCB-190	2.02e4	1.10	NO	1.85	5.313	51.57	51.59	1.004	1.004	NO	56.49		0.400	56.49
153	1... PCB-189	3.32e3	1.20	NO	1.45	5.313	53.11	53.10	1.000	1.000	NO	9.489		0.372	9.489
154	1... PCB-202	5.54e3	0.98	NO	1.17	5.313	48.61	48.59	1.001	1.000	NO	23.73		0.354	23.73
155	1... PCB-201	5.24e3	0.95	NO	1.05	5.313	49.10	49.11	1.011	1.011	NO	24.87		0.392	24.87
156	1... PCB-204			NO	1.14	5.313	49.25		1.014		YES			0.362	
157	1... PCB-197	1.38e3	0.78	NO	1.13	5.313	49.57	49.58	1.020	1.021	NO	6.113		0.365	6.113
158	1... PCB-200	4.80e3	0.97	NO	1.07	5.313	50.50	50.51	1.040	1.040	NO	22.43		0.386	22.43
159	1... PCB-198	1.08e3	0.76	NO	0.794	5.313	52.08	52.08	1.072	1.072	NO	6.791		0.520	6.791
160	1... PCB-199	2.43e4	0.98	NO	0.809	5.313	52.18	52.19	1.074	1.075	NO	150.1		0.510	150.1
161	1... PCB-196/203	3.22e4	0.90	NO	0.838	5.313	52.50	52.50	1.081	1.081	NO	191.9		0.493	191.9
162	1... PCB-195	1.02e4	0.98	NO	1.04	5.313	53.80	53.79	0.984	0.983	NO	51.59		0.616	51.59

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
163	1... PCB-194	2.54e4	0.87	NO	1.12	5.313	54.72	54.72	1.000	1.000	NO	120.0		0.577	120.0
164	1... PCB-205	1.65e3	0.85	NO	1.29	5.313	54.98	54.98	1.005	1.005	NO	6.748		0.499	6.748
165	1... PCB-208	3.20e3	1.25	NO	0.933	5.313	53.94	53.94	1.000	1.000	NO	11.11		0.252	11.11
166	1... PCB-207	1.66e3	1.14	NO	0.916	5.313	54.26	54.28	1.006	1.007	NO	5.872		0.256	5.872
167	1... PCB-206	9.60e3	1.22	NO	1.01	5.313	56.24	56.24	1.000	1.000	NO	48.70		0.360	48.70
168	1... PCB-209	5.40e3	1.17	NO	0.986	5.313	57.47	57.48	1.000	1.000	NO	26.26		0.318	26.26
169	1... 13C-PCB-1	9.23e5	3.14	NO	0.893	5.313	15.53	15.53	0.608	0.608	NO	2081	111	3.87	
170	1... 13C-PCB-3	1.01e6	3.18	NO	0.911	5.313	18.18	18.17	0.712	0.711	NO	2230	118	3.80	
171	1... 13C-PCB-4	5.89e5	1.56	NO	0.600	5.313	19.53	19.52	0.765	0.764	NO	1977	105	1.40	
172	1... 13C-PCB-9	9.89e5	1.56	NO	0.970	5.313	21.36	21.35	0.836	0.836	NO	2055	109	0.865	
173	1... 13C-PCB-11	8.47e5	1.56	NO	0.962	5.313	24.81	24.84	0.971	0.973	NO	1774	94.3	0.872	
174	1... 13C-PCB-19	6.35e5	1.03	NO	0.499	5.313	23.78	23.77	0.931	0.931	NO	2565	136	14.9	
175	1... 13C-PCB-32	9.84e5	1.06	NO	0.744	5.313	26.77	26.76	1.048	1.048	NO	2666	142	9.96	
176	1... 13C-PCB-28	8.01e5	0.98	NO	1.06	5.313	28.79	28.77	1.004	1.003	NO	1432	76.1	6.72	
177	1... 13C-PCB-37	8.75e5	1.04	NO	0.989	5.313	32.77	32.90	1.143	1.147	YES	1681	89.3	7.23	
178	1... 13C-PCB-54	8.54e5	0.78	NO	0.999	5.313	27.63	27.62	0.753	0.753	NO	1557	82.7	1.34	
179	1... 13C-PCB-52	7.46e5	0.75	NO	0.804	5.313	31.27	31.28	0.852	0.852	NO	1691	89.8	1.67	
180	1... 13C-PCE-47	7.87e5	0.78	NO	0.857	5.313	31.79	31.82	0.866	0.867	NO	1675	89.0	1.56	
181	1... 13C-PCB-70	3.81e5	0.80	NO	0.996	5.313	35.43	35.45	0.965	0.966	NO	697.3	37.0	1.35	
182	1... 13C-PCB-80	9.41e5	0.76	NO	1.03	5.313	35.85	35.86	0.977	0.977	NO	1669	88.7	1.30	
183	1... 13C-PCB-81	9.87e5	0.77	NO	0.988	5.313	39.07	39.06	1.064	1.064	NO	1821	96.7	1.36	
184	1... 13C-PCB-77	9.71e5	0.79	NO	0.969	5.313	39.68	39.67	1.081	1.081	NO	1827	97.1	1.38	
185	1... 13C-PCB-104	5.57e5	1.63	NO	1.02	5.313	32.47	32.53	0.827	0.828	NO	1679	89.2	0.720	
186	1... 13C-PCB-95	4.59e5	1.63	NO	0.805	5.313	35.72	35.75	0.910	0.910	NO	1745	92.7	0.909	
187	1... 13C-PCB-101	4.63e5	1.64	NO	0.793	5.313	37.48	37.48	0.954	0.954	NO	1788	95.0	0.924	
188	1... 13C-PCB-97	4.25e5	1.68	NO	0.696	5.313	38.82	38.82	0.989	0.989	NO	1869	99.3	1.05	
189	1... 13C-PCB-123	5.59e5	1.63	NO	0.933	5.313	41.46	41.46	1.056	1.056	NO	1837	97.6	0.785	
190	1... 13C-PCB-118	5.89e5	1.69	NO	0.986	5.313	41.65	41.65	1.061	1.061	NO	1830	97.2	0.743	
191	1... 13C-PCB-114	7.17e5	1.55	NO	1.55	5.313	42.30	42.32	0.908	0.908	NO	1459	77.5	1.13	
192	1... 13C-PCB-105	7.26e5	1.54	NO	1.57	5.313	43.19	43.21	0.927	0.927	NO	1454	77.2	1.11	
193	1... 13C-PCB-127	7.83e5	1.55	NO	1.62	5.313	43.55	43.56	0.934	0.935	NO	1517	80.6	1.07	
194	1... 13C-PCB-126	6.67e5	1.54	NO	1.57	5.313	45.51	45.53	0.976	0.977	NO	1340	71.2	1.11	
195	1... 13C-PCB-155	2.76e5	1.28	NO	0.615	5.313	37.00	36.99	0.942	0.942	NO	1374	73.0	1.05	

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time
Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

	# Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
196	1... 13C-PCB-153	7.92e5	1.24	NO	1.36	5.313	43.36	43.38	0.930	0.931	NO	1829	97.1	1.39	
197	1... 13C-PCB-141	6.42e5	1.25	NO	1.13	5.313	44.13	44.14	0.947	0.947	NO	1792	95.2	1.68	
198	1... 13C-PCB-138	6.86e5	1.26	NO	1.18	5.313	44.99	45.01	0.965	0.966	NO	1824	96.9	1.60	
199	1... 13C-PCB-159	7.96e5	1.29	NO	1.44	5.313	46.32	46.34	0.994	0.994	NO	1741	92.5	1.32	
200	2... 13C-PCB-167	8.14e5	1.27	NO	1.44	5.313	47.02	47.04	1.009	1.009	NO	1781	94.6	1.32	
201	2... 13C-PCB-156	8.05e5	1.28	NO	1.40	5.313	48.34	48.37	1.037	1.038	NO	1814	96.4	1.36	
202	2... 13C-PCB-157	7.98e5	1.26	NO	1.40	5.313	48.63	48.63	1.043	1.043	NO	1799	95.6	1.36	
203	2... 13C-PCB-169	7.52e5	1.26	NO	1.33	5.313	50.91	50.90	1.092	1.092	NO	1779	94.5	1.43	
204	2... 13C-PCB-188	5.96e5	0.46	NO	1.41	5.313	42.99	42.99	0.926	0.926	NO	1811	96.2	0.972	
205	2... 13C-PCB-180	4.13e5	0.45	NO	0.929	5.313	49.69	49.69	1.070	1.070	NO	1904	101	1.48	
206	2... 13C-PCB-170	3.63e5	0.45	NO	0.794	5.313	51.37	51.36	1.106	1.106	NO	1959	104	1.73	
207	2... 13C-PCB-189	4.54e5	0.47	NO	1.04	5.313	53.11	53.08	1.144	1.143	NO	1862	98.9	1.31	
208	2... 13C-PCB-202	3.76e5	0.95	NO	1.04	5.313	48.59	48.58	1.046	1.046	NO	1557	82.7	1.10	
209	2... 13C-PCB-194	3.57e5	0.87	NO	0.768	5.313	54.71	54.70	0.995	0.995	NO	1794	95.3	2.30	
210	2... 13C-PCB-208	5.81e5	0.77	NO	0.991	5.313	53.93	53.93	0.981	0.981	NO	2263	120	2.47	
211	2... 13C-PCB-206	3.68e5	0.78	NO	0.552	5.313	56.22	56.22	1.023	1.023	NO	2572	137	4.43	
212	2... 13C-PCB-209	3.93e5	1.19	NO	0.396	5.313	57.48	57.47	1.046	1.046	NO	3820	203	1.02	
213	2... 13C-PCB-15	9.34e5	1.55	NO	1.00	5.313	25.51	25.55	1.000	0.000	NO	1882	100	0.839	
214	2... 13C-PCB-31	9.90e5	0.99	NO	1.00	5.313	28.64	28.68	1.000	0.000	NO	1882	100	7.15	
215	2... 13C-PCB-60	1.03e6	0.80	NO	1.00	5.313	36.66	36.70	1.000	0.000	NO	1882	100	1.34	
216	2... 13C-PCB-111	6.15e5	1.65	NO	1.00	5.313	39.23	39.27	1.000	0.000	NO	1882	100	0.732	
217	2... 13C-PCB-128	5.98e5	1.24	NO	1.00	5.313	46.59	46.60	1.000	0.000	NO	1882	100	1.90	
218	2... 13C-PCB-182	4.39e5	0.46	NO	1.00	5.313	46.40	46.44	0.000	0.000	NO	1882	100	1.37	
219	2... 13C-PCB-205	4.88e5	0.89	NO	1.00	5.313	54.97	54.97	1.000	0.000	NO	1882	100	1.76	
220	2... 13C-PCB-79	1.09e6	0.78	NO	1.07	5.313	37.80	37.80	1.030	1.030	NO	1866	99.1	1.26	
221	2... 13C-PCB-178	4.01e5	0.46	NO	0.766	5.313	45.88	45.87	0.988	0.988	NO	1647	87.5	1.31	
222	2... 13C-PCB-79	1.09e6	0.78	NO	1.08	5.313	37.80	37.80	0.968	0.968	NO	1929	102	1.32	
223	2... 13C-PCB-178	4.01e5	0.46	NO	1.05	5.313	45.87	45.87	0.923	0.923	NO	1740	92.4	1.37	
224	2... Total Mono-PCBs				1.17	5.313	0.00		0.000		NO	17.25		1.14	17.25
225	2... Total Di-PCBs				1.05	5.313	0.00		0.000		NO	38.40		11.5	38.40
226	2... 2nd Function Tri-PCBs				1.08	5.313	0.00		0.000		NO	81.35		4.26	81.33
227	2... 3rd Function Tri-PCBs				0.983	5.313	0.00		0.000		NO	139.0		16.8	144.8
228	2... Total Tetra-PCBs				1.08	5.313	0.00		0.000		NO	888.5		14.4	888.8

> 220.33 - 226.13

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:35:48 PM Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
229	2... 3rd Function Penta-PCBs				1.32	5.313	0.00		0.000		NO	3043	> 3199.4 -	11.9	3066
230	2... 4th Function Penta-PCBs				1.07	5.313	0.00		0.000		NO	156.4		2.86	156.4
231	2... 3rd Function Hexa-PCBs				0.951	5.313	0.00		0.000		NO	1250	> 3484 -	4.25	1290
232	2... 4th Function Hexa-PCBs				1.03	5.313	0.00		0.000		NO	2234		12.7	2289
233	2... Total Hepta-PCBs				1.36	5.313	0.00		0.000		NO	2392		9.90	2392
234	2... 4th Function Octa-PCBs				1.00	5.313	0.00		0.000		NO	425.9	> 604.2 -	3.38	425.9
235	2... 5th Function Octa-PCBs				1.15	5.313	0.00		0.000		NO	178.3		1.69	178.3
236	2... Total Nona-PCBs				0.952	5.313	0.00		0.000		NO	65.69		0.868	65.69
237	2... Deca-CB				0.986	5.313	0.00		0.000		NO	26.26		0.318	26.26
238	2... Total PCBs														

> 3222.4
> 3579 -
> 604.2

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Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

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	15.54	15.54	4.947e4	1.658e4	3.117e3	9.468e2	3.29	NO	4.064e3	7.0961	7.0961	0.374
2	PCB-2	17.95	17.94	2.716e4	8.757e3	1.685e3	5.199e2	3.24	NO	2.205e3	3.4817	3.4817	0.376
3	PCB-3	18.18	18.19	4.660e4	1.314e4	3.200e3	9.019e2	3.55	NO	4.102e3	6.6725	6.6725	0.388

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	19.60	19.54	3.306e4	2.609e4	2.119e3	1.551e3	1.37	NO	3.670e3	9.4039	9.4039	1.45
2	PCB-5/8	22.46	22.46	8.836e4	5.945e4	6.315e3	4.150e3	1.52	NO	1.047e4	20.079	20.079	1.12
3	PCB-15	25.61	25.57	3.505e4	2.368e4	2.385e3	1.767e3	1.35	NO	4.152e3	8.9209	8.9209	1.69

2nd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-19	23.80	23.79	2.342e4	2.281e4	1.637e3	1.729e3	0.95	NO	3.366e3	9.0203	9.0203	0.895
2	PCB-18	25.47	25.49	7.016e4	7.385e4	4.698e3	4.573e3	1.03	NO	9.271e3	21.678	21.678	0.757
3	PCB-17	25.65	25.65	5.743e4	5.467e4	3.699e3	3.623e3	1.02	NO	7.322e3	18.461	18.461	0.816
4	PCB-24/27	26.26	26.23	1.509e4	1.259e4	1.128e3	1.013e3	1.11	NO	2.141e3	3.7831	3.7831	0.572
5	PCB-16/32	26.79	26.77	6.055e4	6.850e4	6.717e3	7.020e3	0.96	NO	1.374e4	28.383	28.383	0.669

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Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:42:40 PM Pacific Daylight Time

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

3rd Function Tri-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-26	28.16	28.17	1.657e4	1.483e4	1.504e3	1.161e3	1.30	YES	2.665e3	0.00000	5.8928	1.16
2	PCB-25	28.31	28.34	8.196e3	1.013e4	8.728e2	7.950e2	1.10	NO	1.668e3	4.1244	4.1244	1.15
3	PCB-31	28.68	28.70	1.230e5	1.275e5	9.770e3	1.017e4	0.96	NO	1.994e4	45.198	45.198	1.05
4	PCB-28	28.79	28.79	9.741e4	1.014e5	7.993e3	8.261e3	0.97	NO	1.625e4	37.249	37.249	1.07
5	PCB-20/21/33	29.43	29.46	7.453e4	6.716e4	6.782e3	5.689e3	1.19	NO	1.247e4	31.122	31.122	1.16
6	PCB-22	29.87	29.91	2.999e4	2.905e4	2.652e3	2.624e3	1.01	NO	5.276e3	12.740	12.740	1.12
7	PCB-37	32.92	32.92	2.208e4	1.870e4	2.103e3	1.892e3	1.11	NO	3.996e3	8.5222	8.5222	1.33

Total Tetra-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-54	27.64	27.64	4.658e3	5.702e3	3.325e2	4.087e2	0.81	NO	7.412e2	1.5139	1.5139	0.326
2	PCB-53	29.53	29.51	3.684e4	5.063e4	2.919e3	3.851e3	0.76	NO	6.770e3	17.139	17.139	0.438
3	PCB-51	29.87	29.87	1.073e4	1.681e4	8.773e2	1.328e3	0.66	NO	2.205e3	5.2243	5.2243	0.410
4	PCB-45	30.32	30.33	1.686e4	2.260e4	1.411e3	1.839e3	0.77	NO	3.250e3	9.5538	9.5538	0.509
5	PCB-46	30.81	30.82	8.302e3	1.468e4	7.442e2	1.110e3	0.67	NO	1.854e3	5.6313	5.6313	0.526
6	PCB-52/69	31.32	31.30	5.616e5	7.426e5	4.843e4	6.438e4	0.75	NO	1.128e5	244.03	244.03	0.375
7	PCB-43/49	31.61	31.62	1.690e5	2.286e5	1.526e4	2.074e4	0.74	NO	3.599e4	89.387	89.387	0.430
8	PCB-47	31.84	31.84	4.204e4	5.038e4	4.447e3	5.268e3	0.84	NO	9.715e3	25.191	25.191	0.494
9	PCB-48/75	31.95	31.95	2.303e4	2.777e4	1.956e3	2.670e3	0.73	NO	4.626e3	9.8720	9.8720	0.407
10	PCB-41/64/71/72	33.51	33.55	1.278e5	1.693e5	1.023e4	1.367e4	0.75	NO	2.390e4	48.111	48.111	0.384
11	PCB-68	33.76	33.78	2.245e3	1.362e3	1.311e2	9.153e1	1.43	YES	2.226e2	0.00000	0.30308	0.357
12	PCB-40	33.99	33.98	1.985e4	2.464e4	1.388e3	1.951e3	0.71	NO	3.338e3	13.256	13.256	0.757
13	PCB-61/70	35.47	35.47	2.370e5	3.323e5	1.784e4	2.515e4	0.71	NO	4.300e4	201.59	201.59	0.693
14	PCB-76/66	35.66	35.67	1.977e5	2.750e5	1.593e4	2.175e4	0.73	NO	3.768e4	159.95	159.95	0.627
15	PCB-55	36.20	36.18	3.685e3	6.331e3	3.718e2	5.525e2	0.67	NO	9.243e2	1.5811	1.5811	0.281
16	PCB-56/60	36.72	36.72	1.315e5	1.719e5	1.009e4	1.365e4	0.74	NO	2.374e4	46.640	46.640	0.323
17	PCB-79	37.82	37.83	9.745e3	1.258e4	7.917e2	1.166e3	0.68	NO	1.958e3	3.4385	3.4385	0.289
18	PCB-81	39.08	39.12	1.401e4	1.917e4	4.696e2	5.793e2	0.81	NO	1.049e3	1.9127	1.9127	0.302
19	PCB-77	39.69	39.67	1.354e4	1.652e4	1.229e3	1.398e3	0.88	NO	2.626e3	4.4785	4.4785	0.278

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Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:42:40 PM Pacific Daylight Time

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

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-100	34.79	34.78	3.922e3	1.277e3	4.088e2	1.436e2	2.85	YES	5.523e2	0.00000	1.3020	0.517
2	PCB-94	35.23	35.26	3.390e3	1.115e3	2.155e2	7.789e1	2.77	YES	2.934e2	0.00000	0.86210	0.545
3	PCB-95/98/102	35.71	35.77	1.074e6	6.673e5	8.400e4	5.192e4	1.62	NO	1.359e5	462.96	462.96	0.429
4	PCB-88/91	36.18	36.18	1.224e5	7.708e4	9.633e3	5.892e3	1.63	NO	1.553e4	59.818	59.818	0.485
5	PCB-84/92	37.12	37.11	4.533e5	2.733e5	3.604e4	2.198e4	1.64	NO	5.802e4	231.96	231.96	0.506
6	PCB-89	37.29	37.29	5.147e3	3.217e3	3.325e2	2.407e2	1.38	NO	5.732e2	2.1105	2.1105	0.466
7	PCB-90/101	37.50	37.50	1.498e6	9.466e5	1.177e5	7.480e4	1.57	NO	1.925e5	697.65	697.65	0.459
8	PCB-99	37.83	37.83	4.631e5	3.004e5	3.619e4	2.376e4	1.52	NO	5.995e4	184.65	184.65	0.390
9	PCB-119	38.32	38.30	2.961e4	1.868e4	2.285e3	1.502e3	1.52	NO	3.787e3	9.2913	9.2913	0.312
10	PCB-108/112	38.47	38.48	4.006e4	2.510e4	3.381e3	2.135e3	1.58	NO	5.516e3	16.910	16.910	0.390
11	PCB-97	38.84	38.84	2.995e5	1.907e5	2.371e4	1.546e4	1.53	NO	3.917e4	135.35	135.35	0.439
12	PCB-87/117/125	39.14	39.14	4.944e5	3.131e5	3.947e4	2.543e4	1.55	NO	6.489e4	184.38	184.38	0.361
13	PCB-111/115	39.29	39.28	2.448e4	1.763e4	1.446e3	1.025e3	1.41	NO	2.471e3	5.7292	5.7292	0.295
14	PCB-85/116	39.42	39.40	1.399e5	9.634e4	1.144e4	7.693e3	1.49	NO	1.914e4	60.081	60.081	0.399
15	PCB-110	39.81	39.81	1.592e6	9.898e5	1.237e5	7.802e4	1.59	NO	2.017e5	512.69	512.69	0.323
16	PCB-82	40.46	40.44	7.504e4	4.809e4	6.501e3	4.212e3	1.54	NO	1.071e4	46.132	46.132	0.551
17	PCB-124	41.17	41.16	5.295e4	2.754e4	5.279e3	2.569e3	2.06	YES	7.848e3	0.00000	15.838	0.308
18	PCB-107/109	41.31	41.33	7.336e4	4.144e4	5.988e3	3.441e3	1.74	NO	9.429e3	23.640	23.640	0.321
19	PCB-123	41.48	41.48	1.548e4	7.950e3	1.417e3	5.810e2	2.44	YES	1.998e3	0.00000	4.1770	0.360
20	PCB-106/118	41.69	41.67	1.133e6	7.375e5	9.547e4	6.093e4	1.57	NO	1.564e5	410.03	410.03	0.333

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	42.34	42.34	2.377e4	1.309e4	2.057e3	1.204e3	1.71	NO	3.260e3	7.5027	7.5027	0.533
2	PCB-122	42.49	42.47	1.030e4	6.540e3	8.291e2	4.978e2	1.67	NO	1.327e3	3.6901	3.6901	0.645
3	PCB-105	43.23	43.23	4.398e5	2.754e5	3.591e4	2.257e4	1.59	NO	5.848e4	144.29	144.29	0.578
4	PCB-126	45.54	45.54	2.932e3	2.228e3	2.291e2	1.653e2	1.39	NO	3.944e2	0.94924	0.94924	0.554

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Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:42:40 PM Pacific Daylight Time

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

3rd Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-150	38.33	38.33	1.211e3	1.157e3	1.083e2	8.317e1	1.30	NO	1.915e2	1.2067	1.2067	0.281
2	PCB-136	39.62	39.60	1.582e5	1.231e5	1.234e4	9.588e3	1.29	NO	2.193e4	146.65	146.65	0.298
3	PCB-154	40.24	40.22	9.288e3	6.557e3	7.098e2	5.617e2	1.26	NO	1.271e3	9.4448	9.4448	0.331
4	PCB-151	40.90	40.88	2.195e5	1.614e5	1.788e4	1.287e4	1.39	NO	3.075e4	266.89	266.89	0.387
5	PCB-135	41.11	41.11	9.843e4	6.621e4	8.637e3	6.156e3	1.40	NO	1.479e4	109.50	109.50	0.330
6	PCB-144	41.22	41.22	4.903e4	3.005e4	3.247e3	2.101e3	1.55	YES	5.348e3	0.00000	40.721	0.386
7	PCB-147	41.35	41.35	8.746e3	6.468e3	7.111e2	5.306e2	1.34	NO	1.242e3	10.158	10.158	0.365
8	PCB-139/149	41.64	41.61	6.854e5	5.334e5	5.493e4	4.243e4	1.29	NO	9.736e4	701.24	701.24	0.321
9	PCB-140	41.82	41.81	3.402e3	2.540e3	3.048e2	2.233e2	1.37	NO	5.281e2	4.5426	4.5426	0.384

4th Function Hexa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-134/143	42.30	42.28	8.031e4	5.533e4	6.396e3	4.634e3	1.38	NO	1.103e4	34.519	34.519	0.796
2	PCB-131/133	42.59	42.57	4.430e4	3.479e4	3.587e3	2.893e3	1.24	NO	6.480e3	18.753	18.753	0.736
3	PCB-146/165	42.98	42.99	2.959e5	2.424e5	2.420e4	1.941e4	1.25	NO	4.361e4	101.89	101.89	0.594
4	PCB-132/161	43.22	43.25	5.719e5	4.616e5	4.401e4	3.574e4	1.23	NO	7.975e4	184.97	184.97	0.590
5	PCB-153	43.40	43.40	2.224e6	1.824e6	1.833e5	1.497e5	1.22	NO	3.330e5	738.85	738.85	0.564
6	PCB-168	43.63	43.61	1.705e3	2.595e3	1.184e2	1.544e2	0.77	YES	2.727e2	0.00000	0.47147	0.561
7	PCB-141	44.16	44.16	4.013e5	3.201e5	3.375e4	2.720e4	1.24	NO	6.095e4	174.16	174.16	0.737
8	PCB-137	44.56	44.56	5.279e4	4.482e4	4.025e3	3.944e3	1.02	YES	7.968e3	0.00000	19.209	0.681
9	PCB-130	44.66	44.67	7.092e4	5.960e4	6.907e3	4.800e3	1.44	YES	1.171e4	0.00000	35.625	0.855
10	PCB-138/163/164	45.05	45.05	1.874e6	1.518e6	1.792e5	1.473e5	1.22	NO	3.265e5	697.88	697.88	0.527
11	PCB-158/160	45.30	45.28	2.399e5	1.969e5	1.941e4	1.606e4	1.21	NO	3.548e4	78.485	78.485	0.545
12	PCB-129	45.56	45.54	5.138e4	4.002e4	3.996e3	3.238e3	1.23	NO	7.234e3	22.898	22.898	0.780
13	PCB-166	46.02	46.00	5.664e3	4.845e3	4.425e2	3.696e2	1.20	NO	8.121e2	1.6807	1.6807	0.533
14	PCB-128/162	46.65	46.62	1.970e5	1.669e5	1.709e4	1.376e4	1.24	NO	3.085e4	80.414	80.414	0.671
15	PCB-167	47.06	47.06	7.157e4	6.564e4	5.966e3	5.203e3	1.15	NO	1.117e4	23.284	23.284	0.524
16	PCB-156	48.39	48.39	2.038e5	1.760e5	1.683e4	1.449e4	1.16	NO	3.132e4	65.067	65.067	0.516
17	PCB-157	48.67	48.67	3.128e4	2.617e4	2.683e3	2.305e3	1.16	NO	4.988e3	11.332	11.332	0.587

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Dataset: U:\VG11.PRO\Results\200617K2\200617K2-9.qld

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ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

Total Hepta-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-188	43.02	43.01	1.145e3	9.590e2	7.411e1	6.928e1	1.07	NO	1.434e2	0.35119	0.35119	0.349
2	PCB-179	44.28	44.28	3.222e5	3.232e5	2.620e4	2.624e4	1.00	NO	5.243e4	127.59	127.59	0.347
3	PCB-176	44.74	44.77	1.028e5	9.244e4	8.543e3	7.704e3	1.11	NO	1.625e4	39.217	39.217	0.344
4	PCB-178	45.89	45.90	9.362e4	9.859e4	8.037e3	8.252e3	0.97	NO	1.629e4	54.550	54.550	0.477
5	PCB-175	46.24	46.26	2.334e4	2.271e4	1.804e3	1.755e3	1.03	NO	3.560e3	11.758	11.758	0.471
6	PCB-182/187	46.42	46.42	6.985e5	6.541e5	5.837e4	5.396e4	1.08	NO	1.123e5	332.82	332.82	0.422
7	PCB-183	46.76	46.76	3.515e5	3.391e5	2.850e4	2.767e4	1.03	NO	5.617e4	173.47	173.47	0.440
8	PCB-185	47.44	47.44	6.560e4	7.159e4	5.220e3	5.621e3	0.93	NO	1.084e4	35.170	35.170	0.467
9	PCB-174	47.82	47.82	5.296e5	5.199e5	4.382e4	4.354e4	1.01	NO	8.736e4	294.30	294.30	0.485
10	PCB-177	48.08	48.08	2.733e5	2.809e5	2.296e4	2.304e4	1.00	NO	4.600e4	164.18	164.18	0.514
11	PCB-171	48.38	48.39	1.468e5	1.259e5	1.170e4	1.005e4	1.16	NO	2.174e4	75.336	75.336	0.499
12	PCB-173	48.82	48.82	9.412e3	9.124e3	8.897e2	8.001e2	1.11	NO	1.690e3	6.4759	6.4759	0.552
13	PCB-172	49.30	49.29	8.255e4	7.333e4	6.524e3	6.071e3	1.07	NO	1.259e4	41.765	41.765	0.478
14	PCB-180	49.71	49.71	1.285e6	1.273e6	1.034e5	1.012e5	1.02	NO	2.046e5	660.83	660.83	0.465
15	PCB-193	49.92	49.92	6.810e4	6.746e4	5.834e3	5.615e3	1.04	NO	1.145e4	31.137	31.137	0.392
16	PCB-191	50.18	50.19	2.860e4	2.744e4	2.382e3	2.225e3	1.07	NO	4.607e3	12.284	12.284	0.384
17	PCB-170	51.38	51.38	4.532e5	4.597e5	3.591e4	3.559e4	1.01	NO	7.150e4	264.49	264.49	0.529
18	PCB-190	51.57	51.59	1.273e5	1.209e5	1.059e4	9.592e3	1.10	NO	2.018e4	56.494	56.494	0.400
19	PCB-189	53.11	53.10	2.399e4	2.156e4	1.811e3	1.513e3	1.20	NO	3.324e3	9.4889	9.4889	0.372

4th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-202	48.61	48.59	3.580e4	3.485e4	2.741e3	2.803e3	0.98	NO	5.544e3	23.729	23.729	0.354
2	PCB-201	49.10	49.11	3.040e4	3.198e4	2.548e3	2.689e3	0.95	NO	5.236e3	24.869	24.869	0.392
3	PCB-197	49.57	49.58	8.026e3	9.745e3	6.063e2	7.785e2	0.78	NO	1.385e3	6.1132	6.1132	0.365
4	PCB-200	50.50	50.51	3.090e4	3.117e4	2.362e3	2.440e3	0.97	NO	4.802e3	22.433	22.433	0.386
5	PCB-198	52.08	52.08	6.619e3	9.419e3	4.656e2	6.126e2	0.76	NO	1.078e3	6.7907	6.7907	0.520
6	PCB-199	52.18	52.19	1.653e5	1.656e5	1.200e4	1.229e4	0.98	NO	2.429e4	150.06	150.06	0.510
7	PCB-196/203	52.50	52.50	2.064e5	2.321e5	1.522e4	1.694e4	0.90	NO	3.216e4	191.86	191.86	0.493

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ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

5th Function Octa-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-195	53.80	53.79	8.118e4	8.564e4	5.055e3	5.171e3	0.98	NO	1.023e4	51.592	51.592	0.616
2	PCB-194	54.72	54.72	2.012e5	2.274e5	1.184e4	1.357e4	0.87	NO	2.541e4	119.98	119.98	0.577
3	PCB-205	54.98	54.98	1.233e4	1.619e4	7.588e2	8.925e2	0.85	NO	1.651e3	6.7484	6.7484	0.499

Total Nona-PCBs

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-208	53.94	53.94	2.854e4	2.390e4	1.783e3	1.421e3	1.25	NO	3.203e3	11.113	11.113	0.252
2	PCB-207	54.26	54.28	1.576e4	1.386e4	8.856e2	7.766e2	1.14	NO	1.662e3	5.8724	5.8724	0.256
3	PCB-206	56.24	56.24	9.165e4	7.934e4	5.280e3	4.321e3	1.22	NO	9.601e3	48.701	48.701	0.360

Deca-CB

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	PCB-209	57.47	57.48	5.406e4	4.575e4	2.916e3	2.487e3	1.17	NO	5.403e3	26.260	26.260	0.318

Total PCBs

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

Total Mono-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-1	15.53	15.53	1.181e7	3.716e6	6.998e5	2.229e5	3.14	NO	9.227e5	2081.2		3.87
2	13C-PCB-3	18.18	18.17	1.163e7	3.671e6	7.668e5	2.410e5	3.18	NO	1.008e6	2229.5		3.80

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Printed: Friday, July 10, 2020 12:42:40 PM Pacific Daylight Time

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

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	19.53	19.52	5.730e6	3.646e6	3.588e5	2.297e5	1.56	NO	5.885e5	1976.9		1.40
2	13C-PCB-9	21.36	21.35	9.307e6	5.886e6	6.020e5	3.865e5	1.56	NO	9.885e5	2054.7		0.865
3	13C-PCB-11	24.81	24.84	5.950e6	3.821e6	5.158e5	3.308e5	1.56	NO	8.466e5	1774.4		0.872
4	13C-PCB-15	25.51	25.55	9.145e6	5.970e6	5.673e5	3.667e5	1.55	NO	9.340e5	1882.3		0.839

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	23.78	23.77	4.476e6	4.220e6	3.222e5	3.128e5	1.03	NO	6.349e5	2565.0		14.9
2	13C-PCB-32	26.77	26.76	7.257e6	6.865e6	5.061e5	4.783e5	1.06	NO	9.844e5	2666.1		9.96

3rd Function Tri-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-31	28.64	28.68	6.189e6	6.294e6	4.922e5	4.976e5	0.99	NO	9.898e5	1882.3		7.15
2	13C-PCB-28	28.79	28.77	5.109e6	5.240e6	3.962e5	4.052e5	0.98	NO	8.013e5	1431.8		6.72
3	13C-PCB-37	32.77	32.90	4.293e6	4.194e6	4.451e5	4.294e5	1.04	NO	8.746e5	1681.5		7.23

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	27.63	27.62	4.793e6	6.113e6	3.740e5	4.795e5	0.78	NO	8.535e5	1557.1		1.34
2	13C-PCB-52	31.27	31.28	3.787e6	5.090e6	3.207e5	4.253e5	0.75	NO	7.459e5	1691.2		1.67
3	13C-PCB-47	31.79	31.82	3.700e6	4.759e6	3.449e5	4.425e5	0.78	NO	7.874e5	1674.5		1.56
4	13C-PCB-70	35.43	35.45	2.339e6	2.896e6	1.690e5	2.118e5	0.80	NO	3.808e5	697.29		1.35
5	13C-PCB-80	35.85	35.86	5.055e6	6.751e6	4.062e5	5.351e5	0.76	NO	9.413e5	1669.2		1.30
6	13C-PCB-60	36.66	36.70	5.795e6	7.223e6	4.597e5	5.726e5	0.80	NO	1.032e6	1882.3		1.34
7	13C-PCB-79	37.80	37.80	6.135e6	7.991e6	4.777e5	6.163e5	0.78	NO	1.094e6	1866.1		1.26
8	13C-PCB-81	39.07	39.06	5.318e6	6.936e6	4.306e5	5.560e5	0.77	NO	9.865e5	1820.6		1.36
9	13C-PCB-77	39.68	39.67	5.369e6	6.735e6	4.278e5	5.431e5	0.79	NO	9.709e5	1827.3		1.38

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Last Altered: Friday, July 10, 2020 12:26:26 PM Pacific Daylight Time

Printed: Friday, July 10, 2020 12:42:40 PM Pacific Daylight Time

ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

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	32.47	32.53	3.744e6	2.341e6	3.454e5	2.118e5	1.63	NO	5.573e5	1679.3		0.720
2	13C-PCB-95	35.72	35.75	3.572e6	2.203e6	2.844e5	1.744e5	1.63	NO	4.588e5	1745.4		0.909
3	13C-PCB-101	37.48	37.48	3.588e6	2.204e6	2.871e5	1.755e5	1.64	NO	4.626e5	1787.9		0.924
4	13C-PCB-97	38.82	38.82	3.316e6	1.936e6	2.665e5	1.585e5	1.68	NO	4.250e5	1869.3		1.05
5	13C-PCB-111	39.23	39.27	4.866e6	2.870e6	3.829e5	2.316e5	1.65	NO	6.145e5	1882.3		0.732
6	13C-PCB-123	41.46	41.46	4.284e6	2.605e6	3.467e5	2.128e5	1.63	NO	5.595e5	1837.1		0.785
7	13C-PCB-118	41.65	41.65	4.612e6	2.776e6	3.701e5	2.187e5	1.69	NO	5.888e5	1830.0		0.743

4th Function Penta-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-114	42.30	42.32	5.414e6	3.510e6	4.355e5	2.813e5	1.55	NO	7.168e5	1459.5		1.13
2	13C-PCB-105	43.19	43.21	5.419e6	3.451e6	4.404e5	2.856e5	1.54	NO	7.260e5	1454.0		1.11
3	13C-PCB-127	43.55	43.56	5.667e6	3.663e6	4.754e5	3.073e5	1.55	NO	7.827e5	1517.0		1.07
4	13C-PCB-126	45.51	45.53	5.067e6	3.288e6	4.049e5	2.623e5	1.54	NO	6.672e5	1340.1		1.11

4th Function Hexa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-153	43.36	43.38	5.304e6	4.229e6	4.385e5	3.540e5	1.24	NO	7.925e5	1828.5		1.39
2	13C-PCB-141	44.13	44.14	4.247e6	3.413e6	3.561e5	2.855e5	1.25	NO	6.416e5	1791.6		1.68
3	13C-PCB-138	44.99	45.01	4.771e6	3.797e6	3.822e5	3.040e5	1.26	NO	6.862e5	1823.9		1.60
4	13C-PCB-159	46.32	46.34	5.344e6	4.174e6	4.476e5	3.481e5	1.29	NO	7.957e5	1740.9		1.32
5	13C-PCB-128	46.59	46.60	4.047e6	3.262e6	3.306e5	2.671e5	1.24	NO	5.977e5	1882.3		1.90
6	13C-PCB-167	47.02	47.04	5.574e6	4.423e6	4.551e5	3.594e5	1.27	NO	8.145e5	1781.0		1.32
7	13C-PCB-156	48.34	48.37	5.603e6	4.360e6	4.525e5	3.523e5	1.28	NO	8.047e5	1814.2		1.36
8	13C-PCB-157	48.63	48.63	5.284e6	4.215e6	4.442e5	3.539e5	1.26	NO	7.981e5	1799.1		1.36
9	13C-PCB-169	50.91	50.90	4.910e6	3.903e6	4.194e5	3.325e5	1.26	NO	7.520e5	1779.0		1.43

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ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

5th Function Octa-Isotopes

	Name	Pred.R...	RT	m1 Height	m2 Height	m1 Resp	m2 Resp	RA	n/y	Resp	Conc.	EMPC	DL
1	13C-PCB-194	54.71	54.70	2.872e6	3.267e6	1.663e5	1.910e5	0.87	NO	3.572e5	1793.6		2.30
2	13C-PCB-205	54.97	54.97	4.053e6	4.592e6	2.298e5	2.583e5	0.89	NO	4.881e5	1882.3		1.76

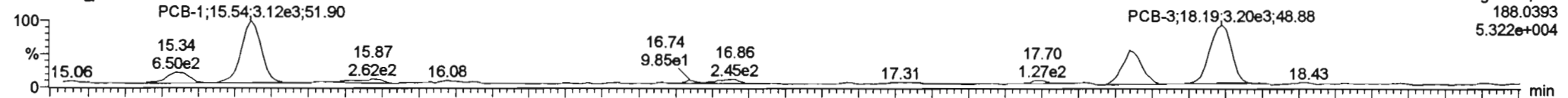
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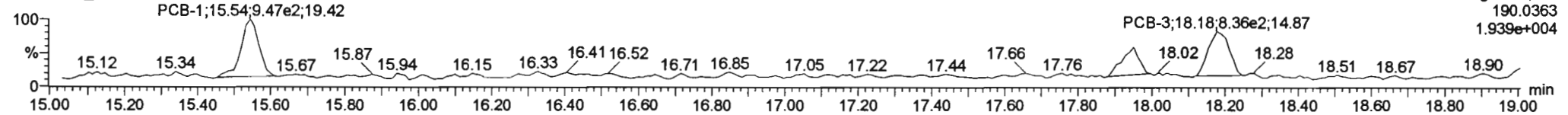
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PCB-1

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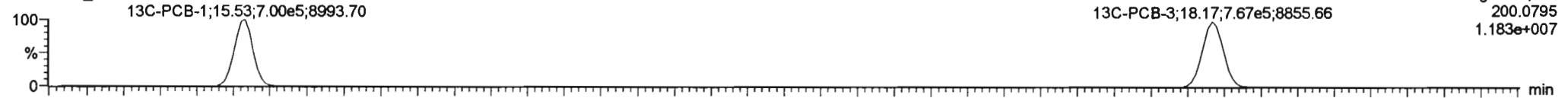


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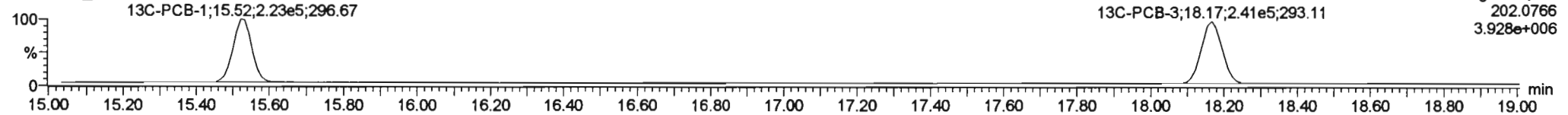


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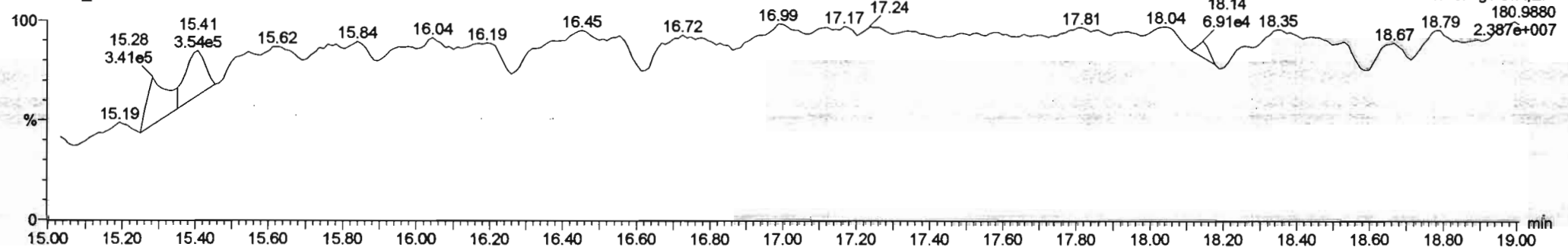


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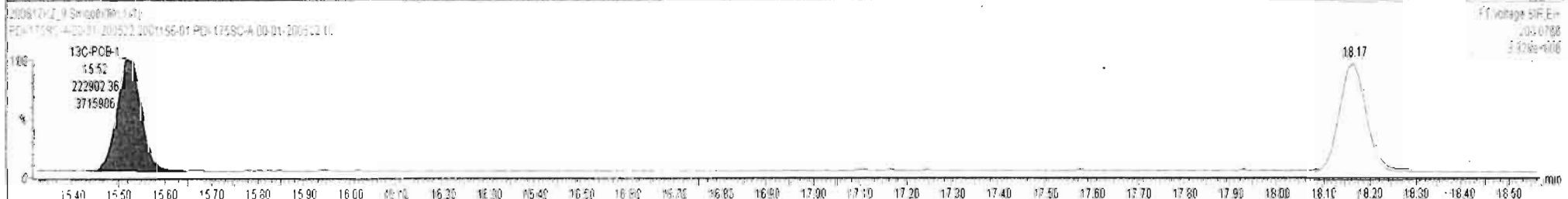
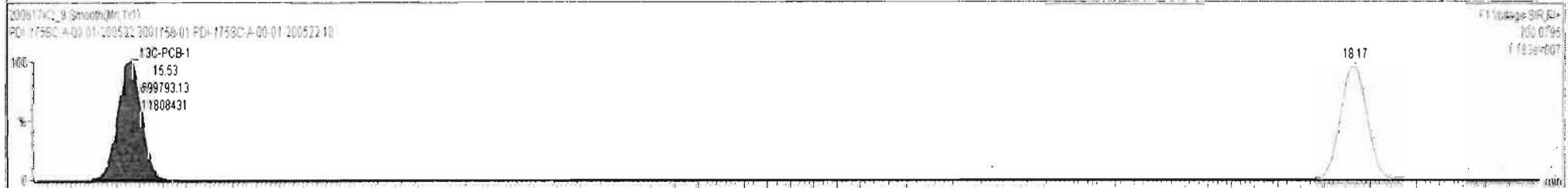
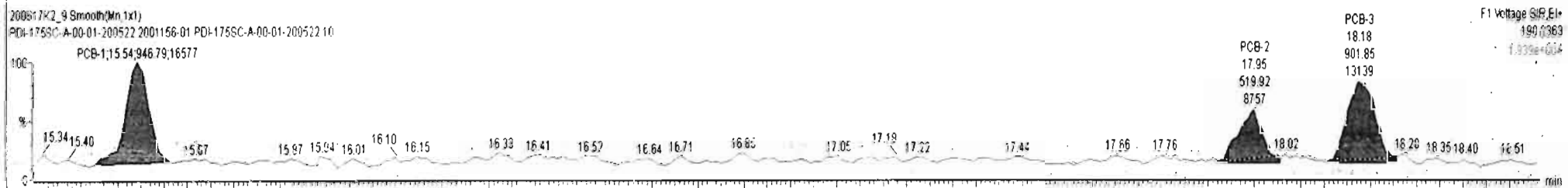
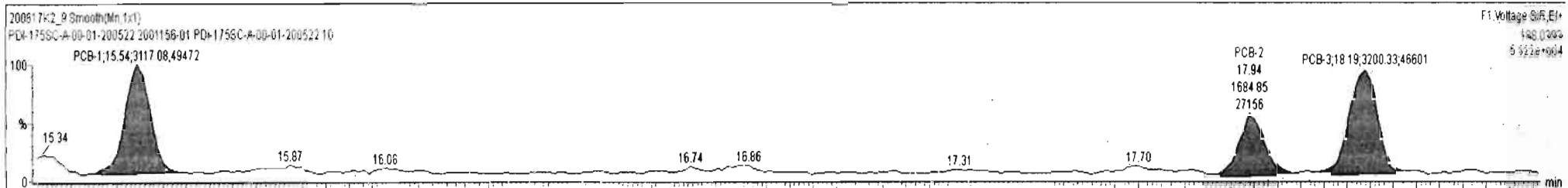
PFK1

200617K2_9



#	Name	Resp	RA	n/y	RfF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
224	224 Total Mono-PCBs				1.1665	5.313	0.00		0.000		NO	17.25		1.14	17.25
225	225 Total Di-PCBs				1.0537	5.313	0.00		0.000		NO	29.48		11.5	37.43
226	226 2nd Function Tri-PCBs				1.0807	5.313	0.00		0.000		NO	52.94		4.26	71.82

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	1 PCB-1	15.54	15.54	3.117e3	9.468e2	3.130	3.29	NO	7.0961	7.0961
2	2 PCB-2	17.95	17.94	1.685e3	5.199e2	3.130	3.24	NO	3.4817	3.4817
3	3 PCB-3	18.18	18.19	3.200e3	9.019e2	3.130	3.55	NO	6.6725	6.6725

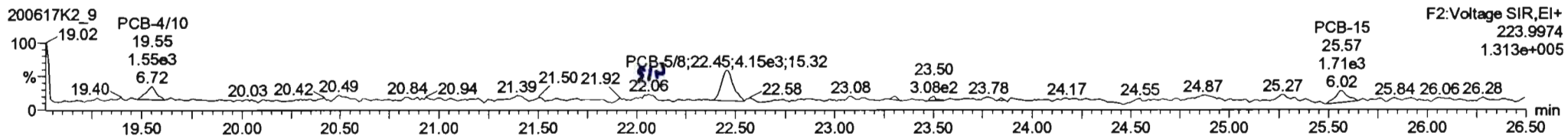
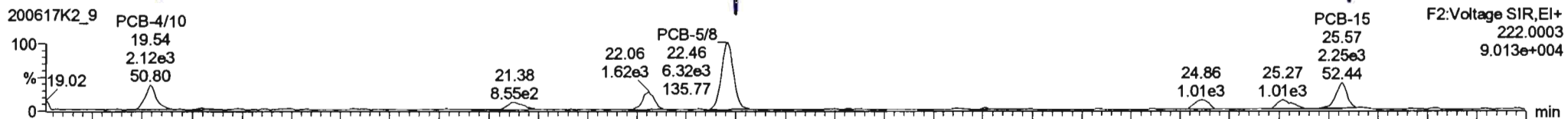


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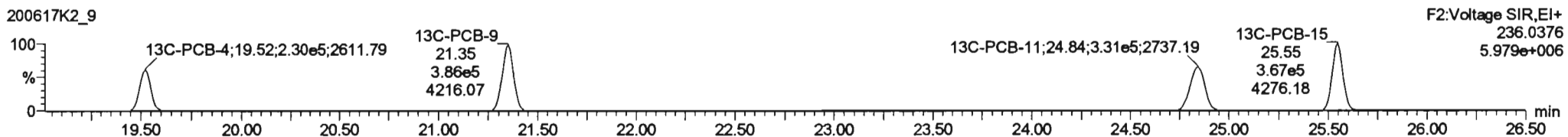
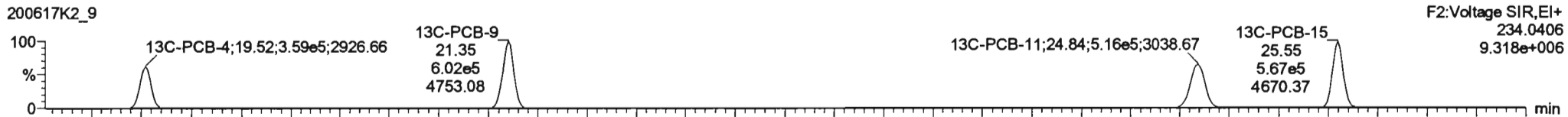
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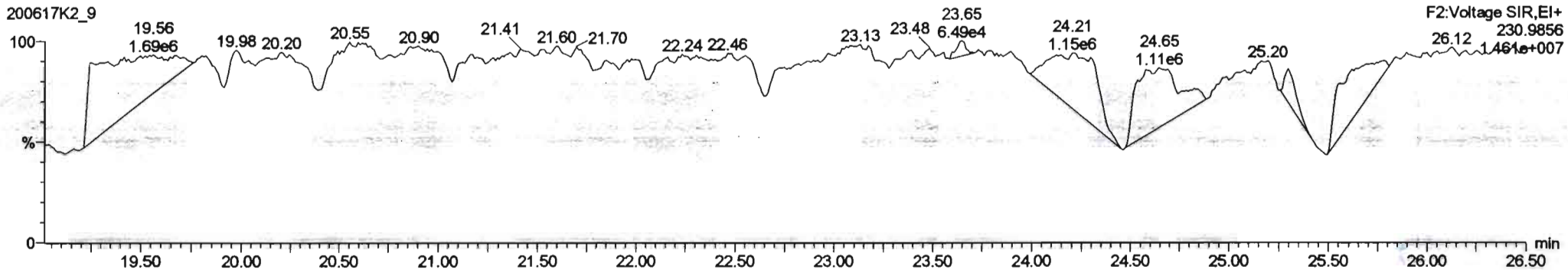
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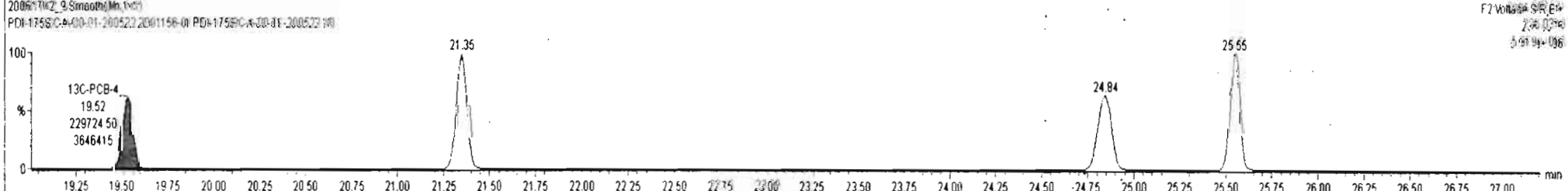
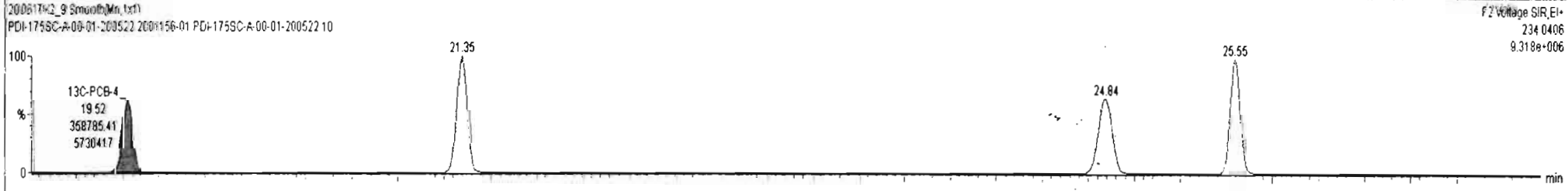
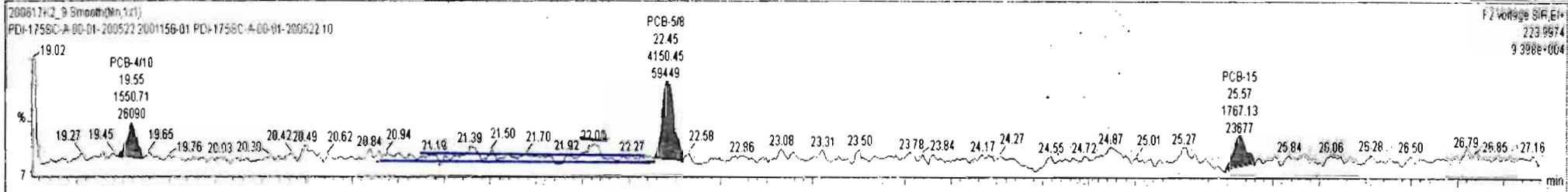
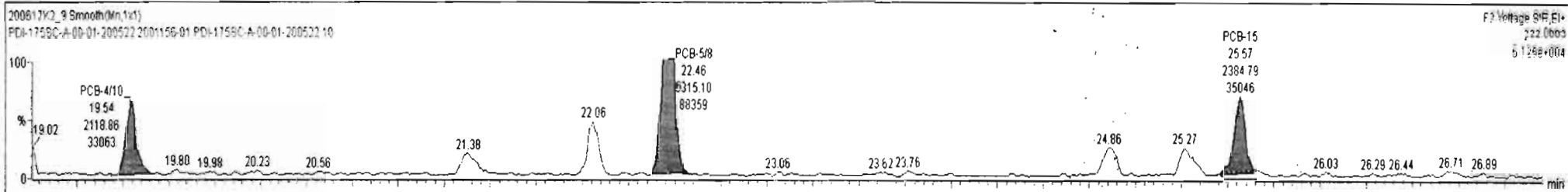


PFK2a



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred.R	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
225	225 Total Di-PCBs				1.0537	5.313	0.00		0.000		NO	38.40		11.5	38.40
226	226 2nd Function Tri-PCBs				1.0807	5.313	0.00		0.000		NO	52.94		4.26	71.82
227	227 3rd Function Tri-PCBs				0.9826	5.313	0.00		0.000		NO	107.7		16.8	142.5

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	4 PCB-4/10	19.60	19.54	2.119e3	1.551e3	1.560	1.37	NO	9.4039	9.4039
2	7 PCB-5/8	22.46	22.46	6.315e3	4.150e3	1.560	1.52	NO	20.079	20.079
3	11 PCB-15	25.61	25.57	2.265e3	1.767e3	1.560	1.35	NO	8.9209	8.9209



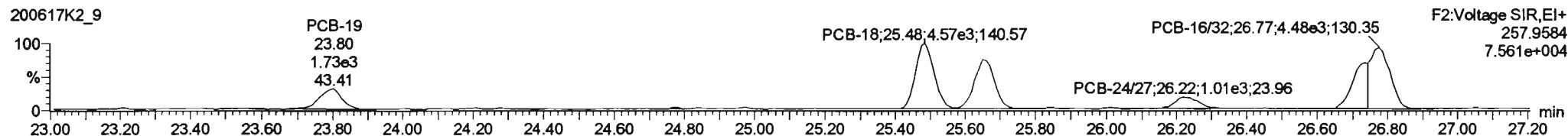
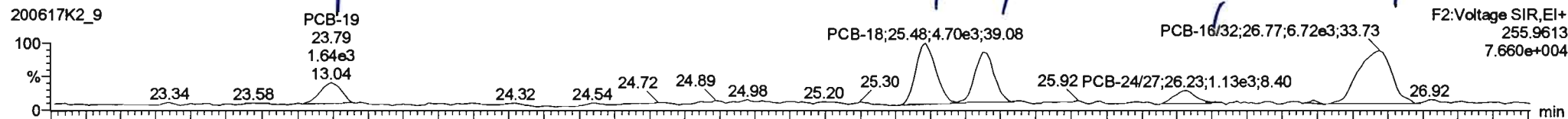
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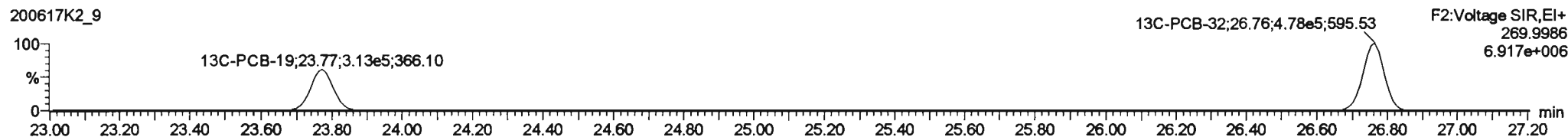
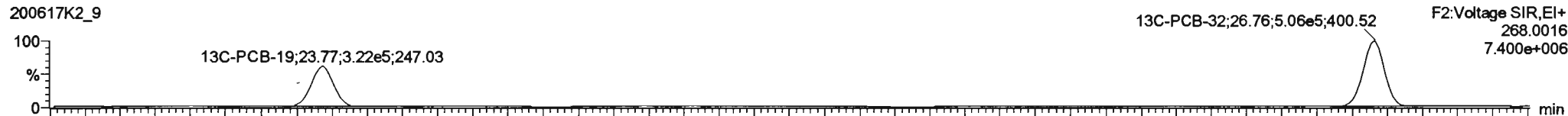
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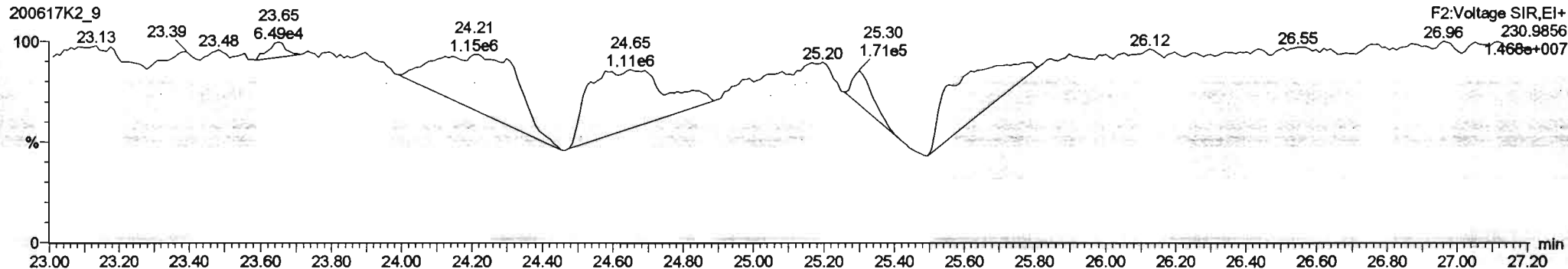
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13C-PCB-19

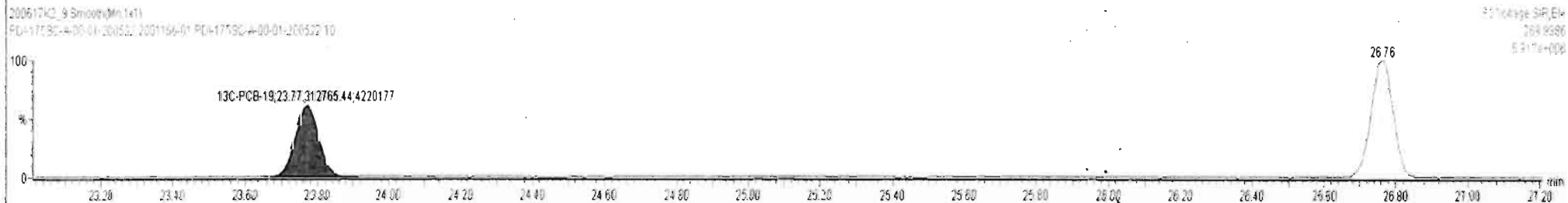
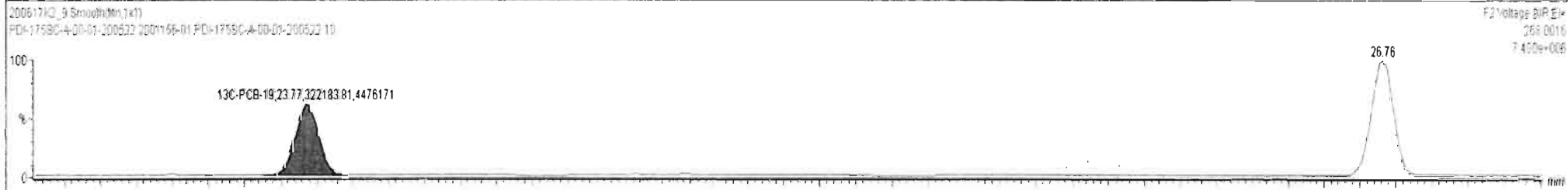
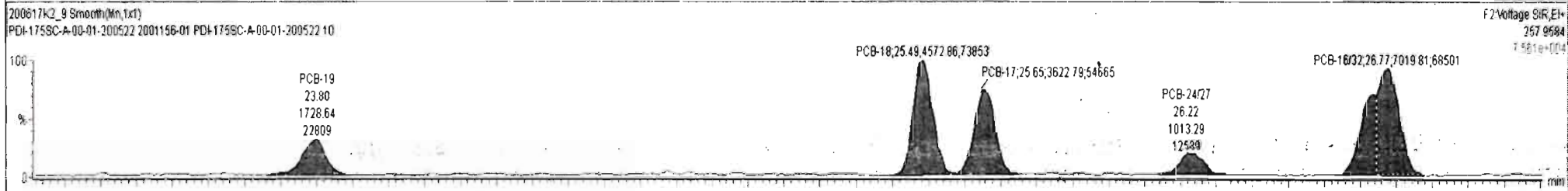
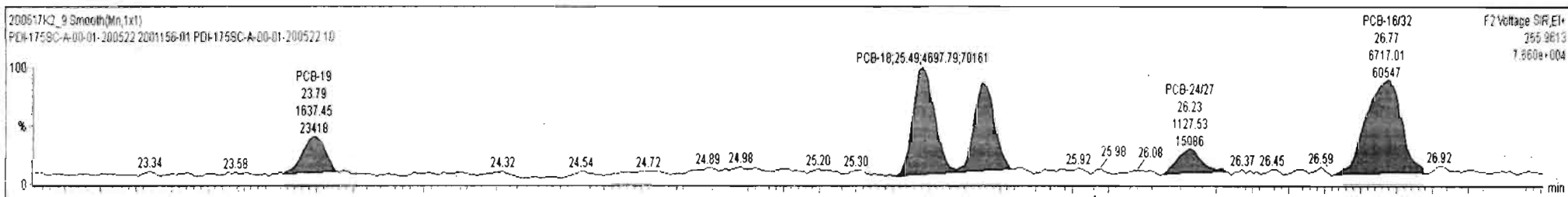


PFK2b



#	Name	Resp	RA	n/y	RRF	wtVol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
225	Total Di-PCBs				1.0537	5.313	0.00		0.000		NO	38.40		11.5	38.40
226	2nd Function Tri-PCBs				1.0807	5.313	0.00		0.000		NO	81.33		4.26	81.33
227	3rd Function Tri-PCBs				0.9828	5.313	0.00		0.000		NO	107.7		16.8	142.5

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	12 PCB-19	23.80	23.79	1.637e3	1.729e3	1.040	0.95	NO	9.0203	9.0203
2	14 PCB-18	25.47	25.49	4.698e3	4.573e3	1.040	1.03	NO	21.678	21.678
3	15 PCB-17	25.65	25.65	3.699e3	3.623e3	1.040	1.02	NO	18.461	18.461
4	16 PCB-24/27	26.26	26.23	1.128e3	1.013e3	1.040	1.11	NO	3.7831	3.7831
5	17 PCB-16/32	26.79	26.77	6.717e3	7.020e3	1.040	0.96	NO	28.383	28.383

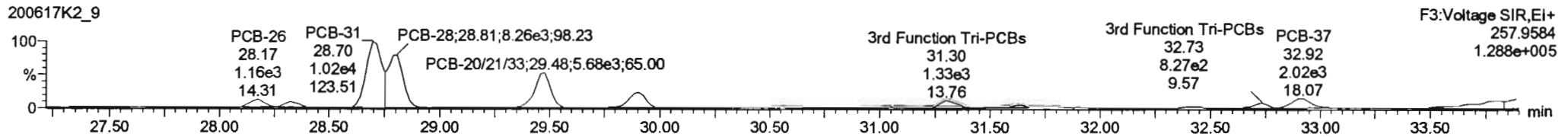
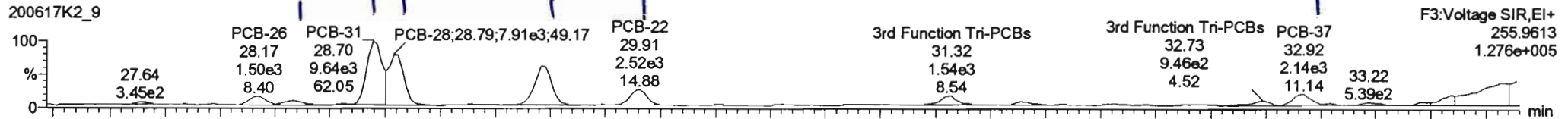


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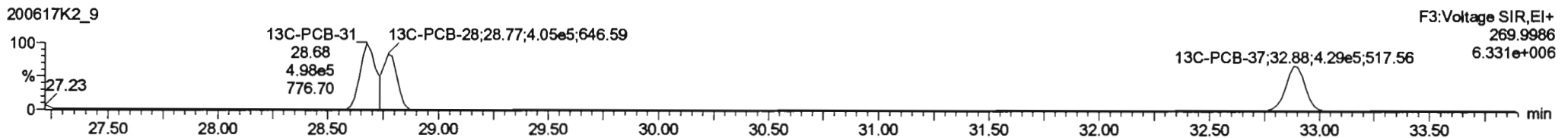
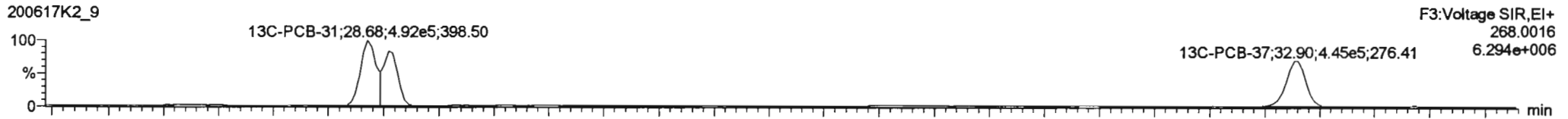
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 Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

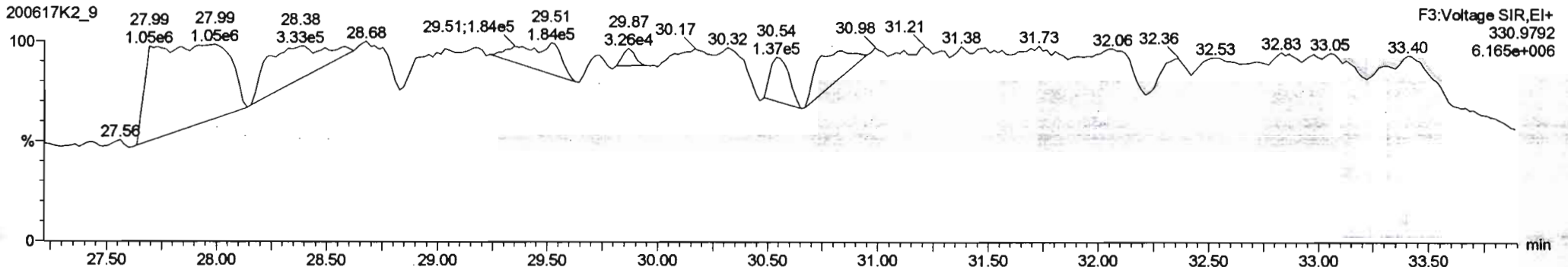
PCB-34



13C-PCB-28



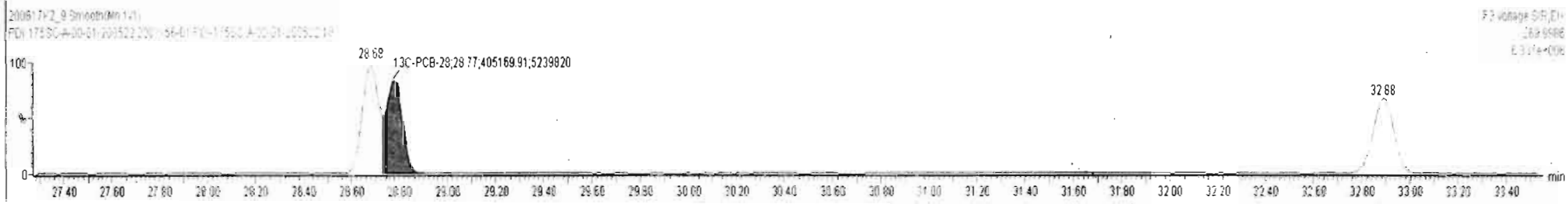
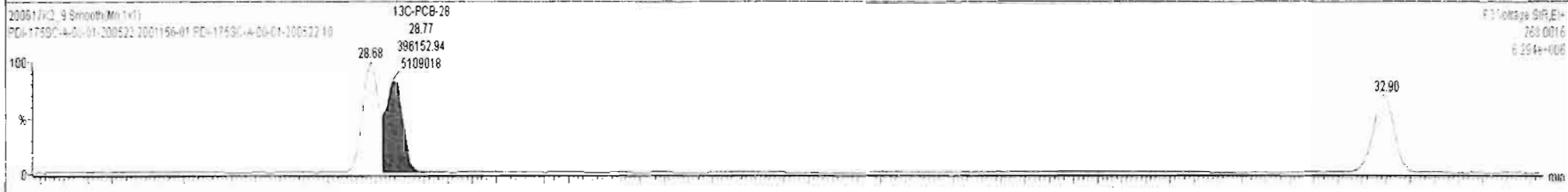
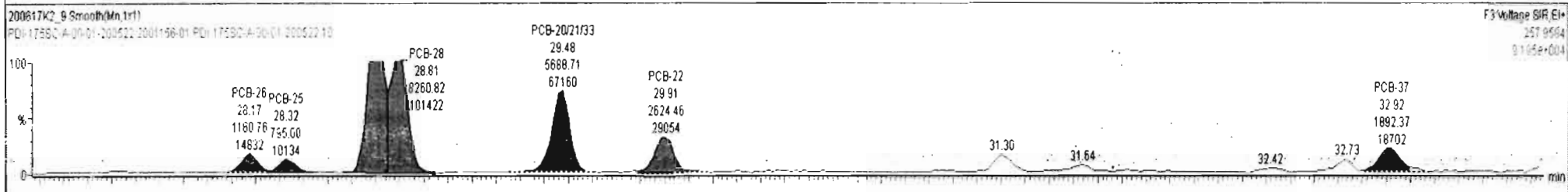
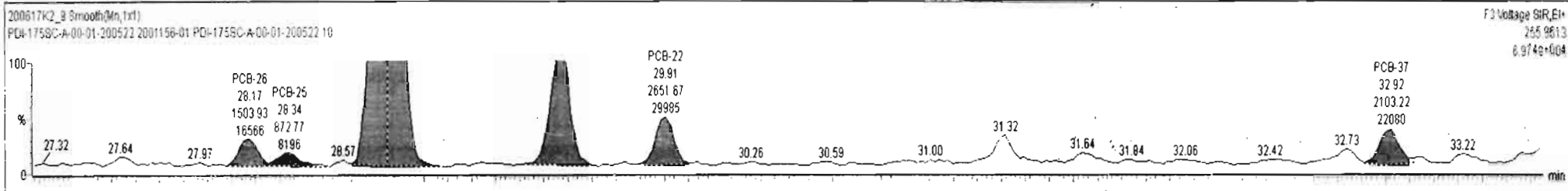
PFK3d



#	Name	Resp	RA	n/y	RFf	w/vol	Pred.RT	RT	Pred.R	RRT	RRT Fal	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.313	0.00		0.000		NO	139.0		16.8	144.8
228	Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	1096		14.4	1116
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3653		11.9	3074

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	n/y	EMPC	Conc.
1	21 PCB-26	26.16	28.17	1.504e3	1.161e3	1.040	1.30	YES	5.8928	0.00000
2	22 PCB-25	26.31	28.34	8.720e2	7.950e2	1.040	1.10	NO	4.1244	4.1244
3	23 PCB-31	28.68	28.70	9.770e3	1.017e4	1.040	0.96	NO	45.198	45.198
4	24 PCB-28	28.79	28.79	7.983e3	8.261e3	1.040	0.97	NO	37.249	37.249
5	25 PCB-20/21/33	29.43	29.46	6.782e3	5.689e3	1.040	1.19	NO	31.122	31.122
6	26 PCB-22	29.87	29.91	2.652e3	2.624e3	1.040	1.01	NO	12.740	12.740
7	31 PCB-37	32.92	32.92	2.103e3	1.892e3	1.040	1.11	NO	8.5222	8.5222

0.04 Int.?

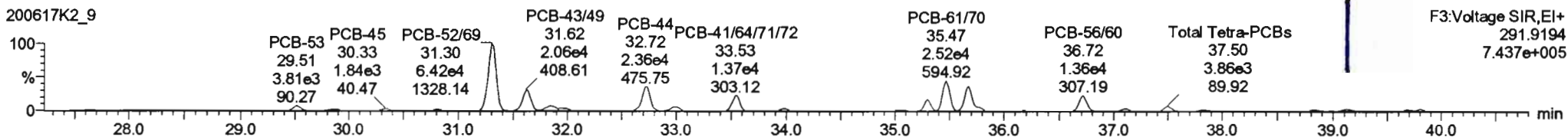
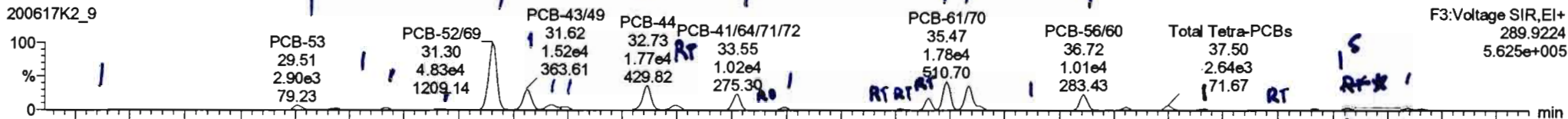


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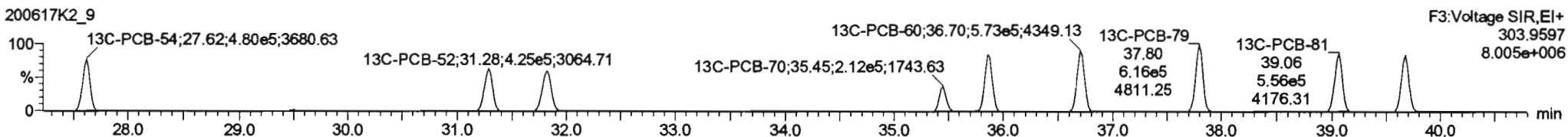
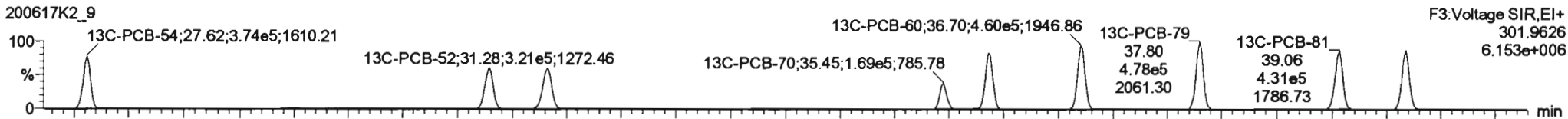
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 Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

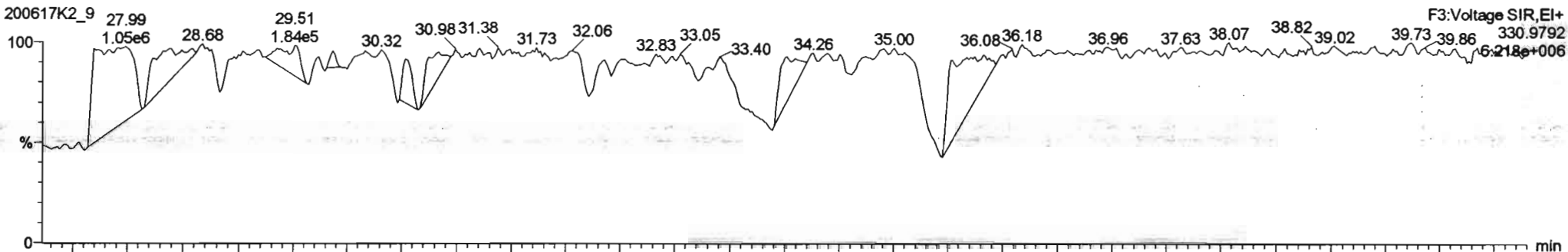
PCB-54



13C-PCB-54



PFK3a



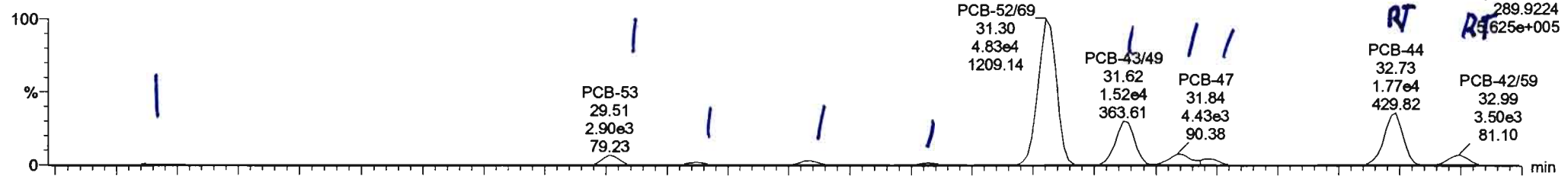
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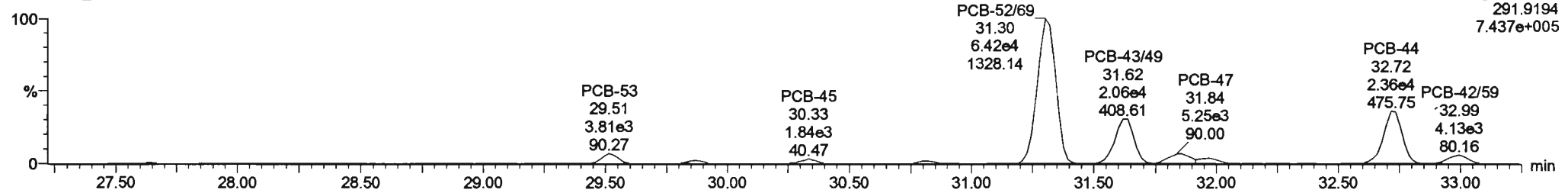
Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

PCB-50

200617K2_9

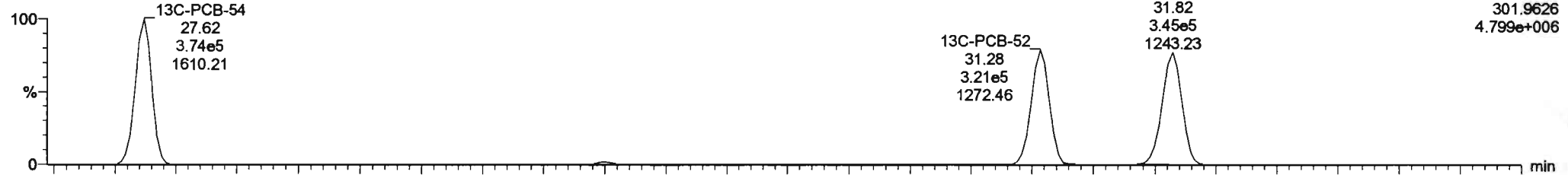


200617K2_9

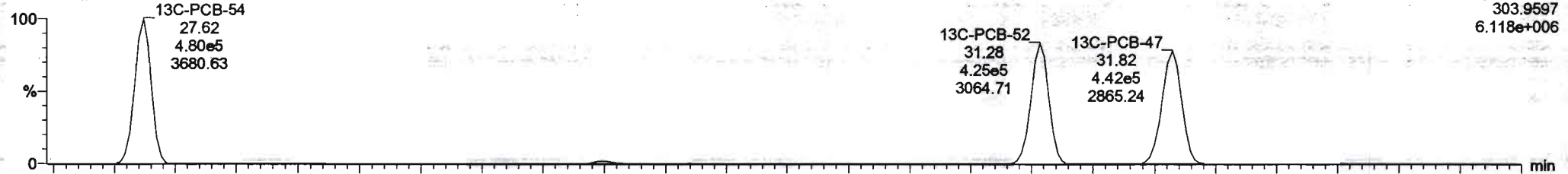


13C-PCB-52

200617K2_9

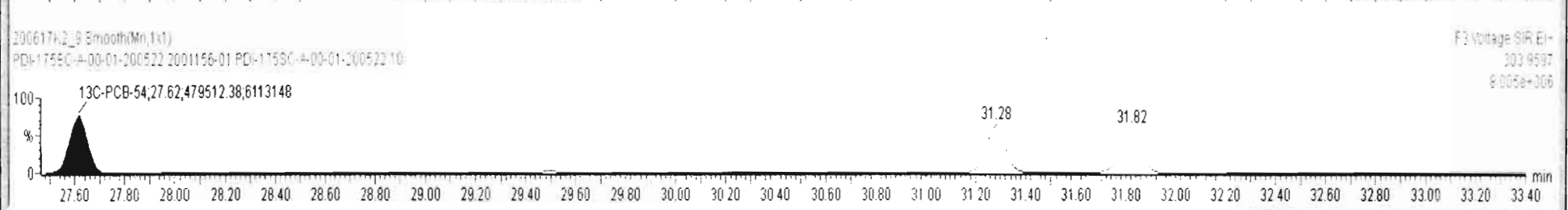
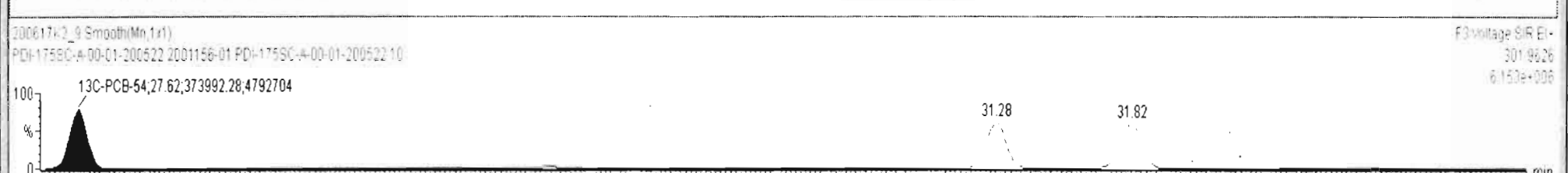
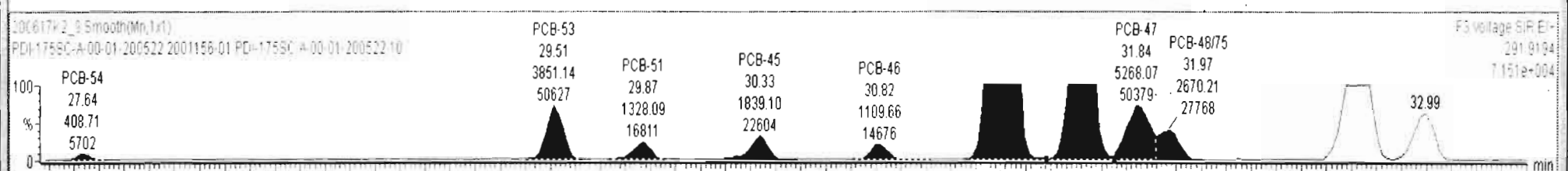
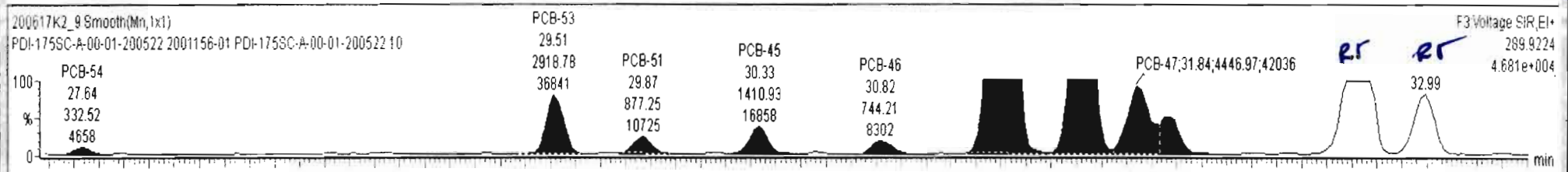


200617K2_9



#	Name	Resp	RA	nly	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	888.5		14.4	888.8

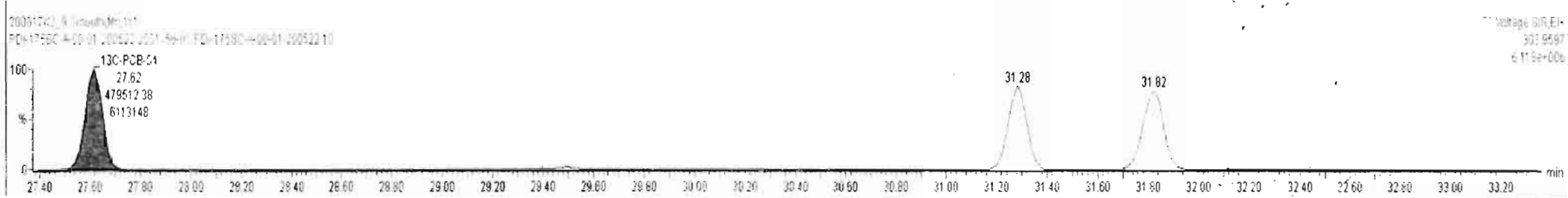
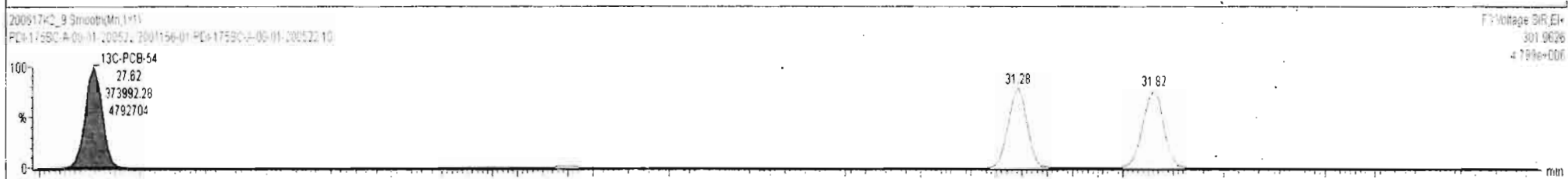
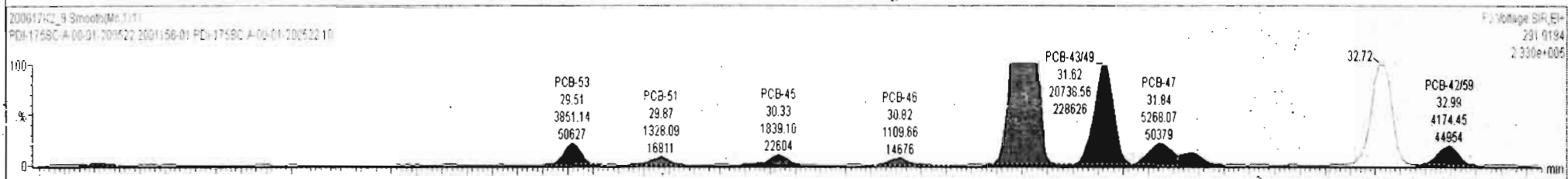
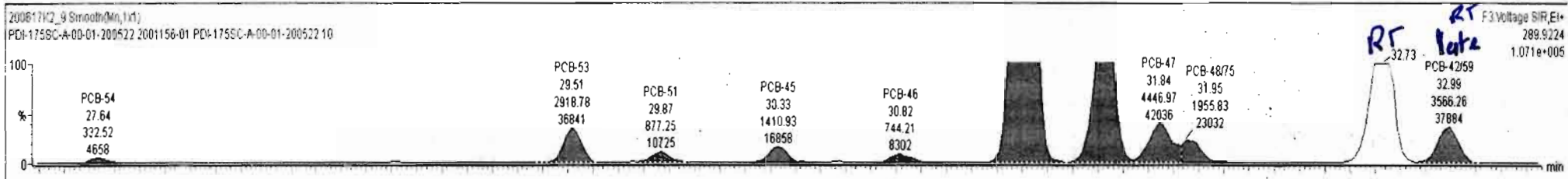
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.64	27.64	3.325e2	4.067e2	0.770	0.81	NO	1.5139	1.5139
2	34 PCB-53	29.53	29.51	2.919e3	3.851e3	0.770	0.76	NO	17.139	17.139
3	35 PCB-51	29.87	29.87	8.773e2	1.328e3	0.770	0.66	NO	5.2243	5.2243
4	36 PCB-45	30.32	30.33	1.411e3	1.839e3	0.770	0.77	NO	9.5538	9.5538
5	37 PCB-46	30.81	30.82	7.442e2	1.110e3	0.770	0.67	NO	5.6313	5.6313
6	38 PCB-5269	31.32	31.30	4.843e4	6.438e4	0.770	0.75	NO	244.03	244.03
7	40 PCB-4349	31.61	31.62	1.526e4	2.074e4	0.770	0.74	NO	89.387	89.387



200617K2_9 - 2001156-01.FID-175SC-A-00-01-200522 10 - FID-175SC-A-00-01-200522

#	Name	Resp	RA	nly	RRF	wAval	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0776	5.313	0.00		0.000		NO	903.9		14.4	904.2
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	305.3		11.9	307.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
1	32 PCB-54	27.64	27.64	3.325e2	4.087e2	0.770	0.81	NO	1.5139	1.5139
2	34 PCB-53	29.53	29.51	2.919e3	3.851e3	0.770	0.76	NO	17.139	17.139
3	35 PCB-51	29.87	29.87	8.773e2	1.328e3	0.770	0.66	NO	5.2243	5.2243
4	36 PCB-45	30.32	30.33	1.411e3	1.839e3	0.770	0.77	NO	9.5538	9.5538
5	37 PCB-46	30.81	30.82	7.442e2	1.110e3	0.770	0.67	NO	5.6313	5.6313
6	38 PCB-52/69	31.32	31.30	4.843e4	6.438e4	0.770	0.75	NO	244.03	244.03
7	40 PCB-43/49	31.61	31.62	1.526e4	2.074e4	0.770	0.74	NO	89.387	89.387
8	41 PCB-47	31.84	31.84	4.447e3	5.268e3	0.770	0.84	NO	25.191	25.191
9	42 PCB-48/75	31.95	31.95	1.956e3	2.670e3	0.770	0.73	NO	9.8720	9.8720
10	46 PCB-42/59	32.90	32.99	3.586e3	4.174e3	0.770	0.85	NO	17.628	17.628

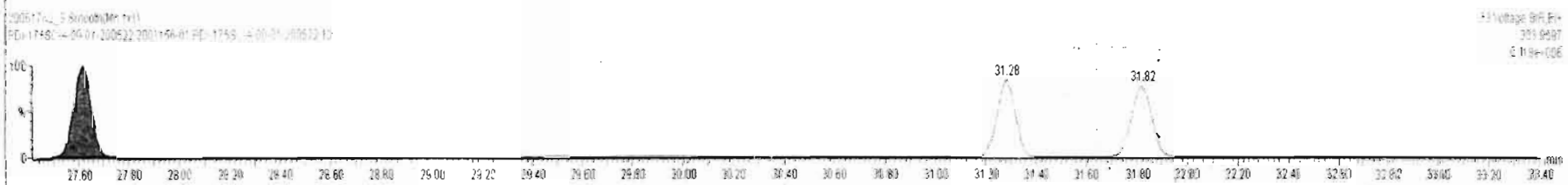
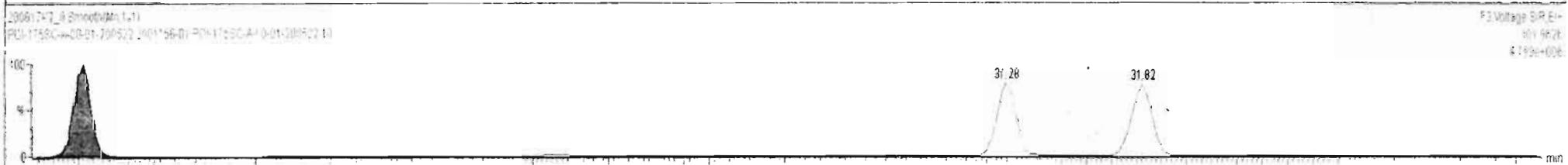
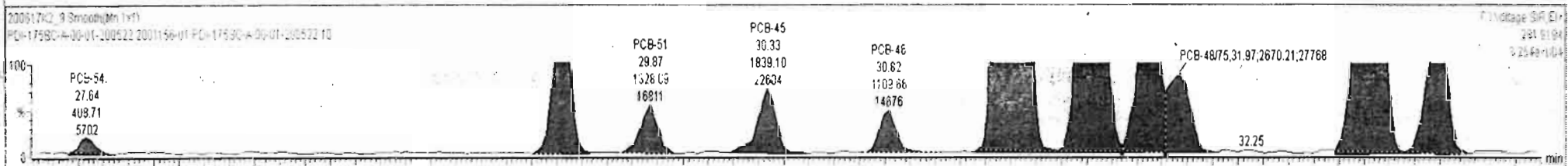
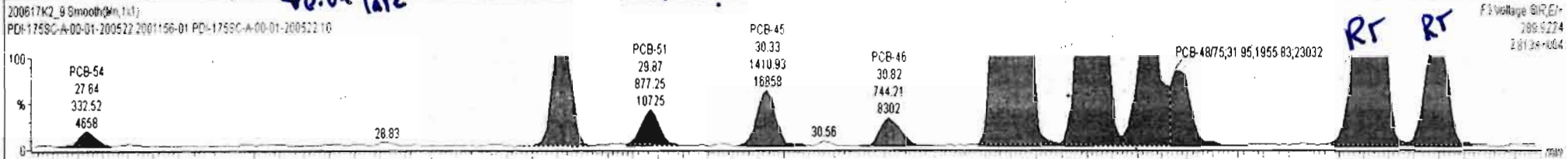


200617K2_9 - 2001156-01-PDI-1755C-A-00-01-200522 10 - PDI-1755C-A-00-01-200522

#	Name	Resp	RA	nly	RRF	wt/mol	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.313	0.00		0.000		NO	139.0		16.8	144.8
228	Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	1111		14.4	1120
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3053		11.9	3074

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc
1	32 PCB-54	27.64	27.64	3.325e2	4.087e2	0.770	0.81	NO	1.5139	1.5139
2	34 PCB-53	29.53	29.51	2.819e3	3.851e3	0.770	0.76	NO	17.139	17.139
3	35 PCB-51	29.87	29.87	8.773e2	1.328e3	0.770	0.66	NO	5.2243	5.2243
4	36 PCB-45	30.32	30.33	1.411e3	1.839e3	0.770	0.77	NO	9.5538	9.5538
5	37 PCB-46	30.81	30.82	7.442e2	1.110e3	0.770	0.67	NO	5.6313	5.6313
6	38 PCB-52/69	31.32	31.30	4.843e4	6.438e4	0.770	0.75	NO	244.03	244.03
7	40 PCB-43/49	31.61	31.62	1.526e4	2.074e4	0.770	0.74	NO	89.387	89.387
8	41 PCB-47	31.84	31.84	4.447e3	5.268e3	0.770	0.84	NO	25.191	25.191
9	42 PCB-48/75	31.95	31.95	1.956e3	2.670e3	0.770	0.73	NO	9.8720	9.8720
10	45 PCB-44	32.67	32.73	782e4	2.375e4	0.770	0.75	NO	120.57	120.57
11	46 PCB-42/59	32.90	32.99	8.66e3	4.174e3	0.770	0.85	NO	17.628	17.628

*ob late
24 pk. 1.*



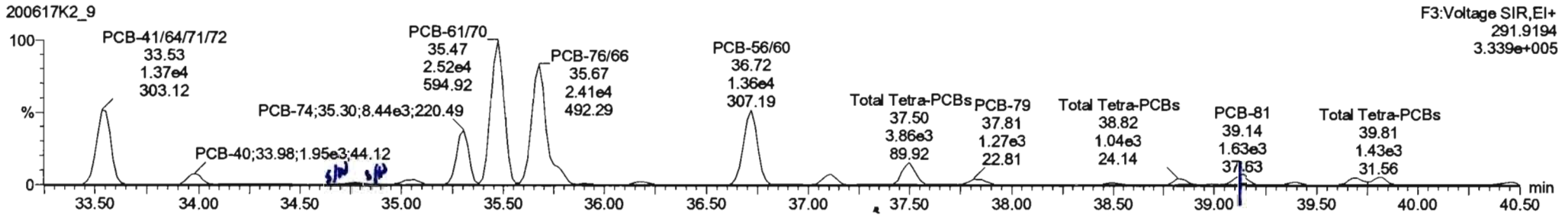
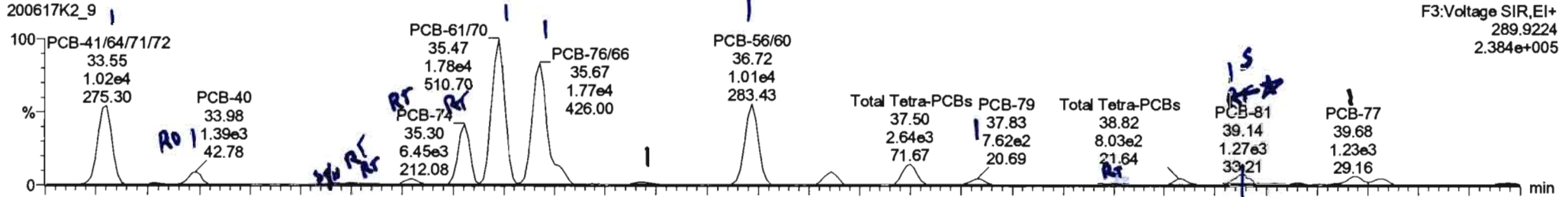
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Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

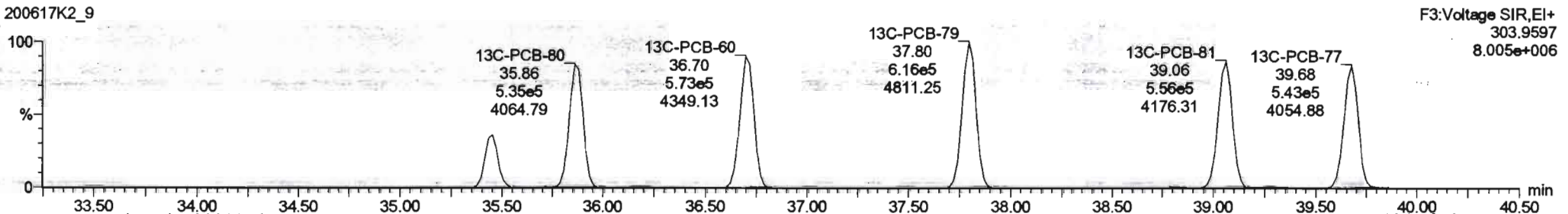
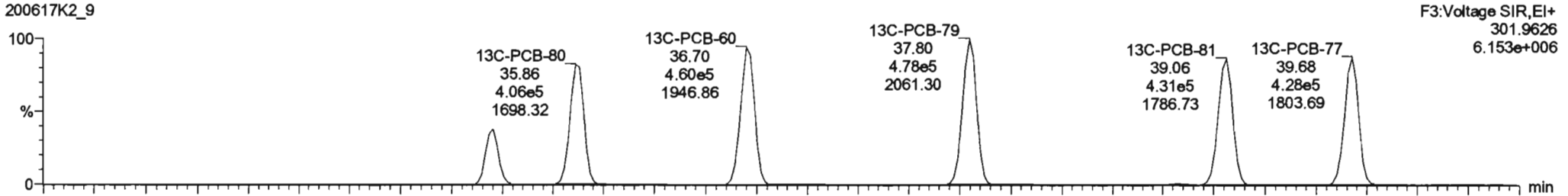
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Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

PCB-68



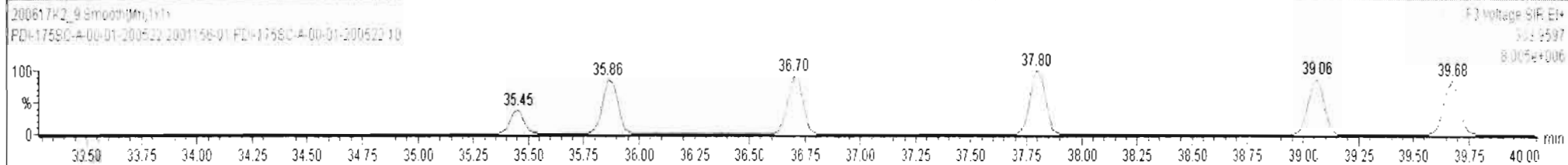
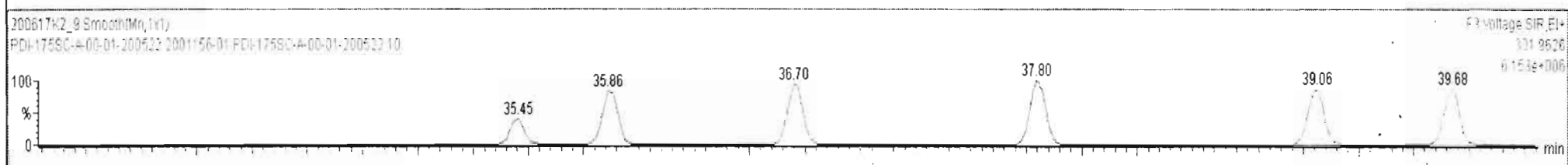
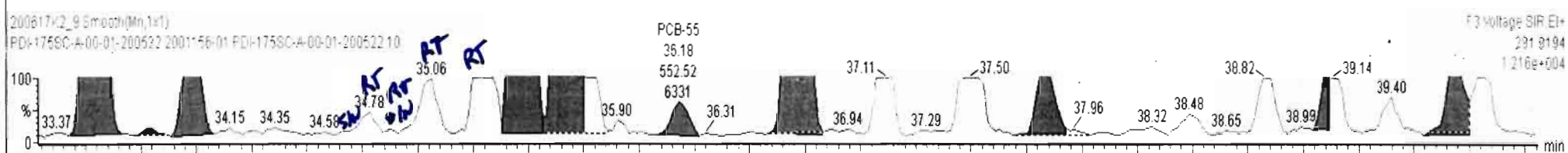
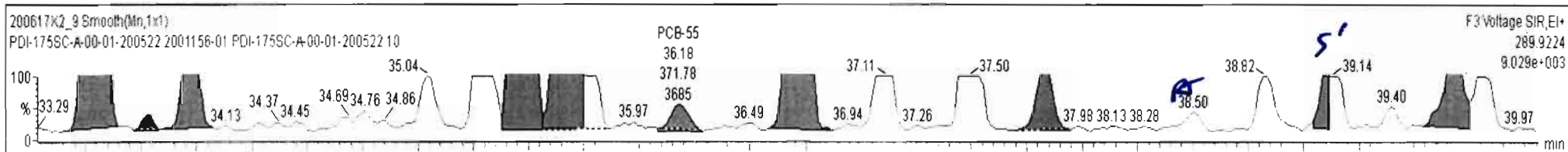
13C-PCB-60



200617K2_9 - 2001156-01 PDI-175SC-A-00-01-200522 10 - PDI-175SC-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
228	Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	906.1		14.4	906.4

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
11	47 PCB-41/64/71/72	33.51	33.55	1.023e4	1.367e4	0.770	0.75	NO	48.111	48.111
12	48 PCB-68	33.76	33.78	1.311e2	9.153e1	0.770	1.43	YES	0.30308	0.00000
13	49 PCB-40	33.99	33.98	1.388e3	1.951e3	0.770	0.71	NO	13.256	13.256
14	55 PCB-61/70	35.47	35.47	1.784e4	2.515e4	0.770	0.71	NO	201.59	201.59
15	56 PCB-76/66	35.66	35.67	1.593e4	2.175e4	0.770	0.73	NO	159.95	159.95
16	58 PCB-55	36.20	36.18	3.718e2	5.525e2	0.770	0.67	NO	1.5811	1.5811
17	59 PCB-56/60	36.72	36.72	1.009e4	1.365e4	0.770	0.74	NO	46.640	46.640
18	60 PCB-79	37.82	37.83	7.917e2	1.166e3	0.770	0.68	NO	3.4385	3.4385
19	62 PCB-81	39.08	39.12	4.696e2	5.793e2	0.770	0.81	NO	1.9127	1.9127
20	63 PCB-77	39.69	39.67	1.229e3	1.396e3	0.770	0.88	NO	4.4785	4.4785



Ready

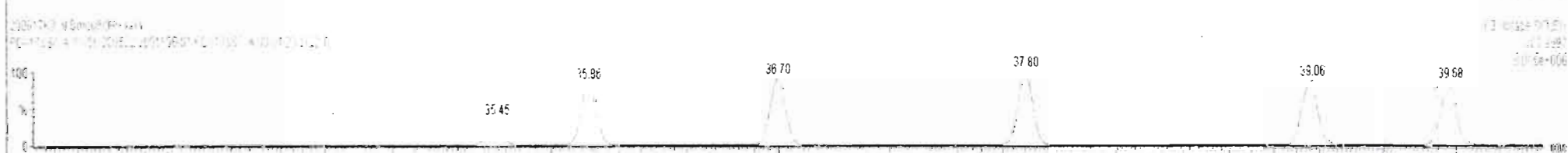
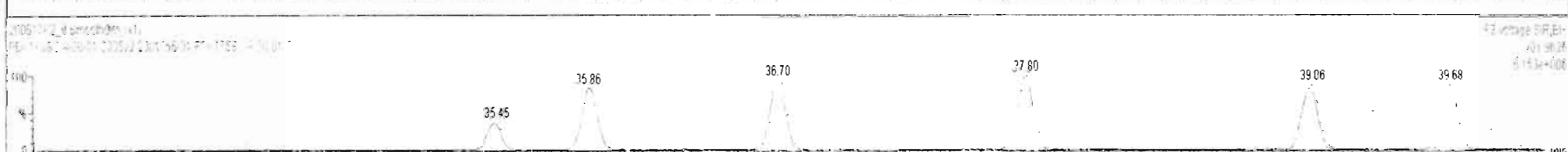
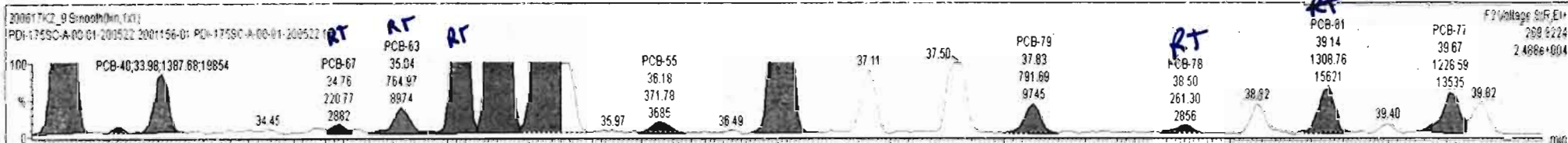
#	Name	Resp	RA	nly	RRF	wt/vol	Pred RT	RT	Pred R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
227	3rd Function Tri-PCBs				0.9828	5.313	0.00		0.000		NO	139.0		16.8	144.8
228	Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	1104		14.4	1104
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3053		11.9	3074

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	nly	EMPC	Conc.
12	47 PCB-41/64/71/72	33.51	33.55	1.023e4	1.367e4	0.770	0.75	NO	48.111	48.111
13	48 PCB-68	33.76	33.76	1.311e2	9.153e1	0.770	1.43	YES	0.30308	0.00000
14	49 PCB-40	33.89	33.98	1.388e3	1.951e3	0.770	0.71	NO	13.256	13.256
15	51 PCB-67	34.68	34.76	2.208e2	3.032e2	0.770	0.73	NO	2.3890	2.3890
16	53 PCB-63	34.95	35.04	7.650e2	9.955e2	0.770	0.77	NO	8.1181	8.1181
17	54 PCB-74	35.25	35.30	6.451e3	8.438e3	0.770	0.76	NO	62.102	62.102
18	55 PCB-61/70	35.47	35.47	1.784e4	2.515e4	0.770	0.71	NO	201.59	201.59
19	56 PCB-76/66	35.66	35.67	1.553e4	2.167e4	0.770	0.74	NO	159.61	159.61
20	58 PCB-55	36.20	36.18	3.718e2	5.525e2	0.770	0.67	NO	1.5811	1.5811
21	59 PCB-56/60	36.72	36.72	1.009e4	1.365e4	0.770	0.74	NO	46.640	46.640
22	60 PCB-79	37.82	37.83	7.917e2	1.186e3	0.770	0.68	NO	3.4385	3.4385
23	61 PCB-78	38.54	38.50	2.613e2	3.867e2	0.770	0.68	NO	1.0879	1.0879
24	62 PCB-81	39.08	39.14	1.309e3	1.688e3	0.770	0.78	NO	5.4273	5.4273
25	63 PCB-77	39.69	39.67	1.229e3	1.398e3	0.770	0.88	NO	4.4785	4.4785

0.08 late.
0.09 late.
0.05 late.

-0.06 late
-0.06 late.

SPLIT



200617K2_9 - 2001156-01 PDI-175SC-A-00-01-200522 10 - PDI-175SC-A-00-01-200522

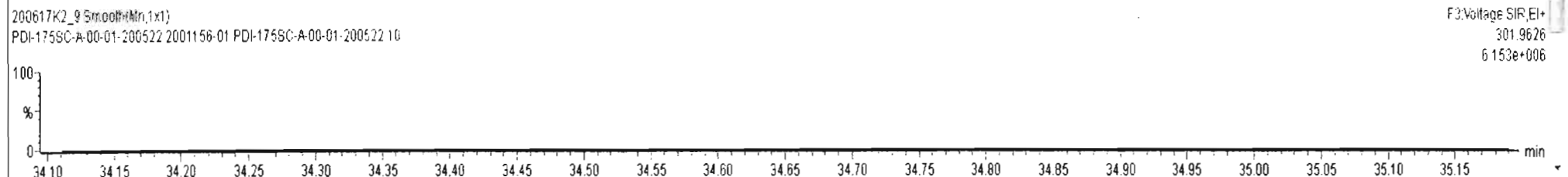
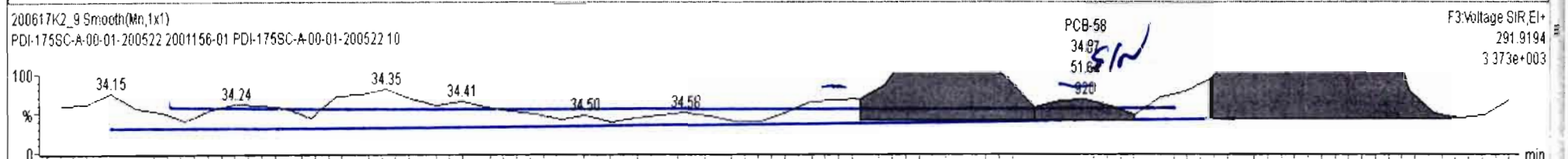
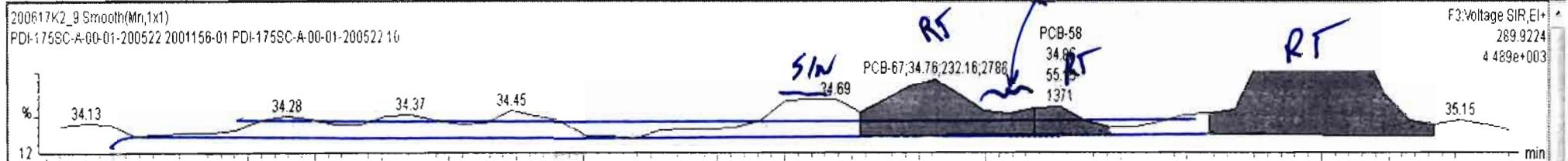
#	Name	Resp	RA	n/y	RRF	w/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
226	226 2nd Function Tri-PCBs				1.0807	5.313	0.00		0.000		NO	81.33		4.26	81.33
227	227 3rd Function Tri-PCBs				0.9828	5.313	0.00		0.000		NO	139.0		16.8	144.8
228	228 Total Tetra-PCBs				1.0778	5.313	0.00		0.000		NO	915.9		14.4	916.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
12	47 PCB-41/64/71/72	33.51	33.55	1.023e4	1.367e4	0.770	0.75	NO	48.111	48.111
13	48 PCB-68	33.76	33.78	1.311e2	9.153e1	0.770	1.43	YES	0.30308	0.00000
14	49 PCB-40	33.99	33.98	1.388e3	1.951e3	0.770	0.71	NO	13.256	13.256
15	51 PCB-67	34.68	34.76	2.322e2	3.230e2	0.770	0.72	NO	2.5310	2.5310
16	52 PCB-58	34.80	34.86	5.515e1	5.164e1	0.770	1.07	YES	0.37524	0.00000
17	53 PCB-63	34.95	35.04	6.789e2	9.583e2	0.770	0.71	NO	7.5497	7.5497
18	55 PCB-61/70	35.47	35.47	1.784e4	2.515e4	0.770	0.71	NO	201.59	201.59
19	56 PCB-76/66	35.66	35.67	1.593e4	2.167e4	0.770	0.74	NO	159.61	159.61
20	58 PCB-55	36.20	36.18	3.718e2	5.525e2	0.770	0.67	NO	1.5811	1.5811
21	59 PCB-56/60	36.72	36.72	1.009e4	1.365e4	0.770	0.74	NO	46.640	46.640
22	60 PCB-79	37.82	37.83	7.917e2	1.166e3	0.770	0.68	NO	3.4385	3.4385
23	62 PCB-81	39.08	39.12	1.696e2	5.793e2	0.770	0.81	NO	1.9127	1.9127
24	63 PCB-77	39.69	39.67	2.29e3	1.398e3	0.770	0.88	NO	4.4785	4.4785

*0.08 late
0.06 late too
0.09 late*

91

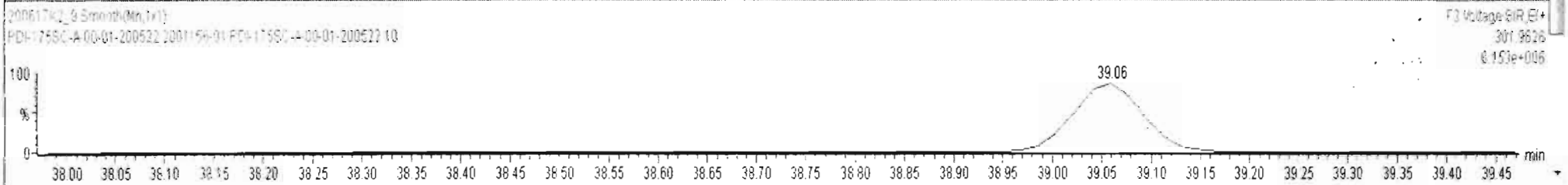
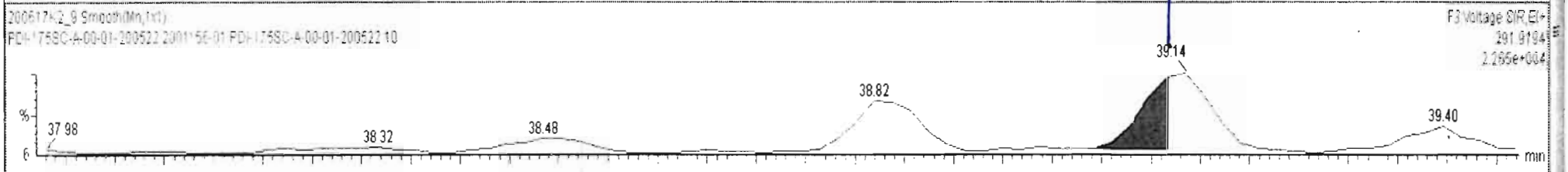
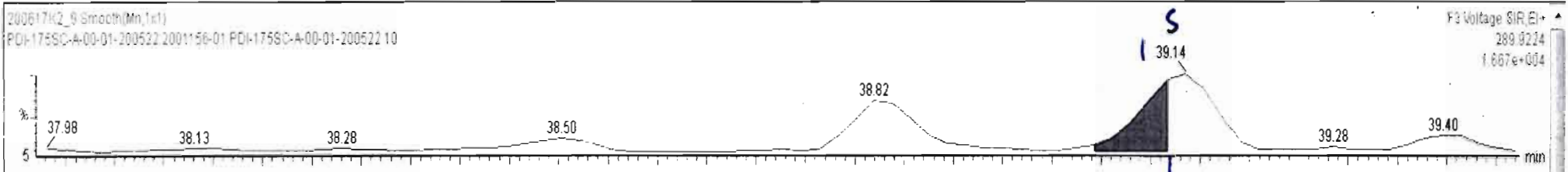
PCB-63, if present, is buried in here



200617K2_9 - 2001156-01 PDI-175SC-A-00-01-200522 10 - PDI-175SC-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
1	PCB-1	4.06e3	3.29	NO	1.1683	5.313	15.54	15.54	1.001	1.001	NO	7.096		0.374	7.096

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
6	38 PCB-5269	31.32	31.30	4.843e4	6.438e4	0.770	0.75	NO	244.03	244.03
7	40 PCB-4349	31.61	31.62	1.526e4	2.074e4	0.770	0.74	NO	89.387	89.387
8	41 PCB-47	31.84	31.84	4.447e3	5.268e3	0.770	0.84	NO	25.191	25.191
9	42 PCB-4875	31.95	31.95	1.956e3	2.670e3	0.770	0.73	NO	9.8720	9.8720
10	46 PCB-4259	32.90	32.99	3.566e3	4.174e3	0.770	0.85	NO	17.628	17.628
11	47 PCB-41647172	33.51	33.55	1.023e4	1.367e4	0.770	0.75	NO	48.111	48.111
12	48 PCB-68	33.76	33.78	1.311e2	9.153e1	0.770	1.43	YES	0.30308	0.00000
13	49 PCB-40	33.99	33.98	1.388e3	1.951e3	0.770	0.71	NO	13.256	13.256
14	55 PCB-6170	35.47	35.47	1.784e4	2.515e4	0.770	0.71	NO	201.59	201.59
15	56 PCB-7666	35.66	35.67	1.593e4	2.167e4	0.770	0.74	NO	159.61	159.61
16	58 PCB-55	36.20	36.18	3.718e2	5.525e2	0.770	0.67	NO	1.5811	1.5811
17	59 PCB-5660	36.72	36.72	1.009e4	1.365e4	0.770	0.74	NO	46.640	46.640
18	60 PCB-79	37.82	37.83	7.917e2	1.166e3	0.770	0.68	NO	3.4385	3.4385
19	62 PCB-81	39.08	39.12	4.896e2	5.793e2	0.770	0.91	NO	1.9127	1.9127
20	63 PCB-77	39.69	39.67	1.229e3	1.398e3	0.770	0.88	NO	4.4785	4.4785



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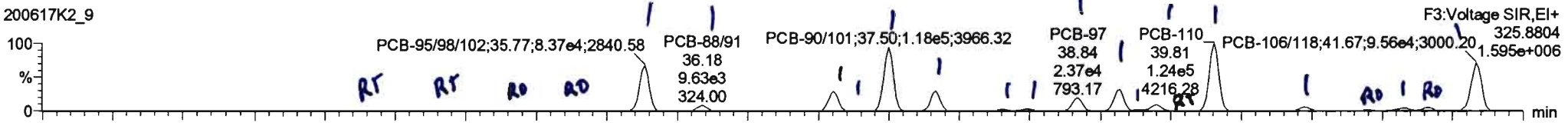
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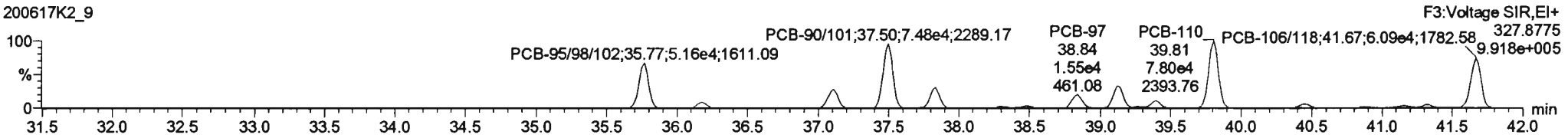
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PCB-104

200617K2_9

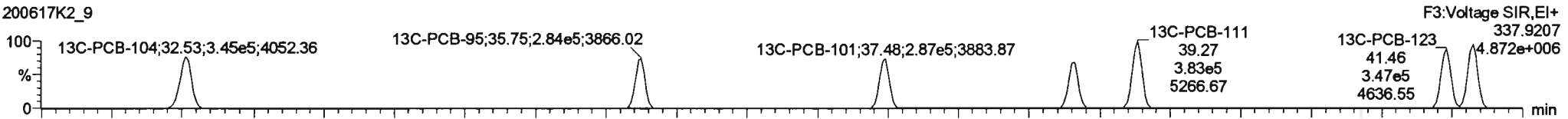


200617K2_9

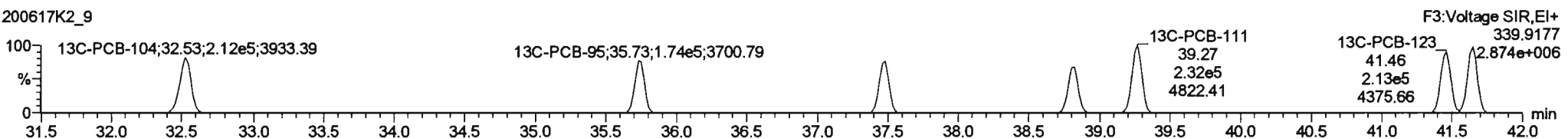


13C-PCB-104

200617K2_9

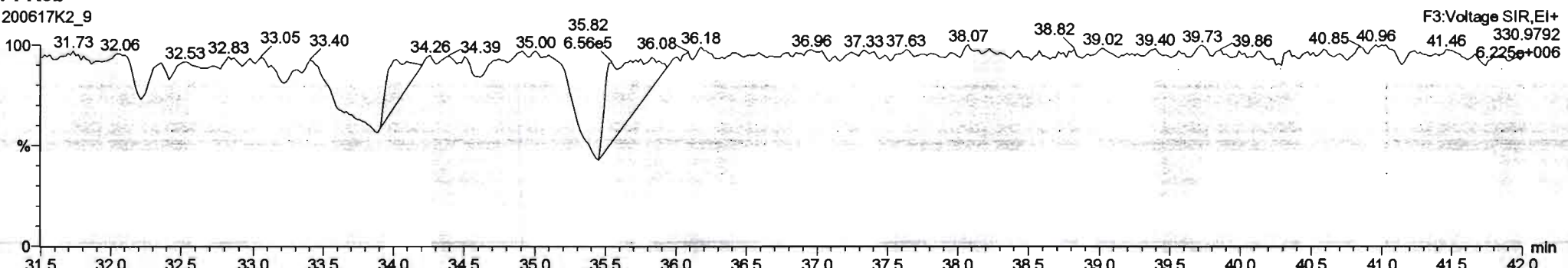


200617K2_9



PFK3b

200617K2_9



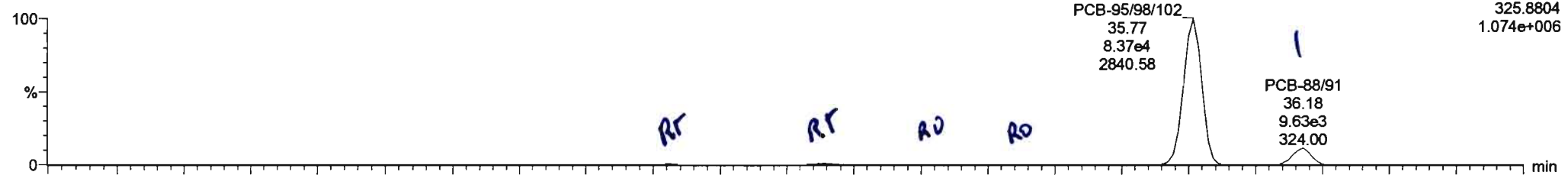
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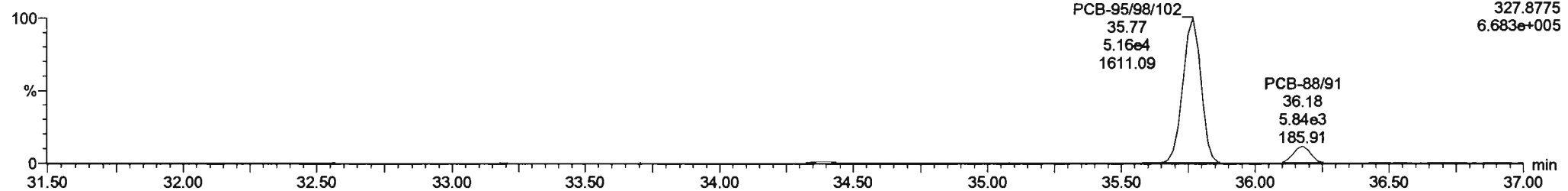
PCB-96

200617K2_9



F3:Voltage SIR,EI+
325.8804
1.074e+006

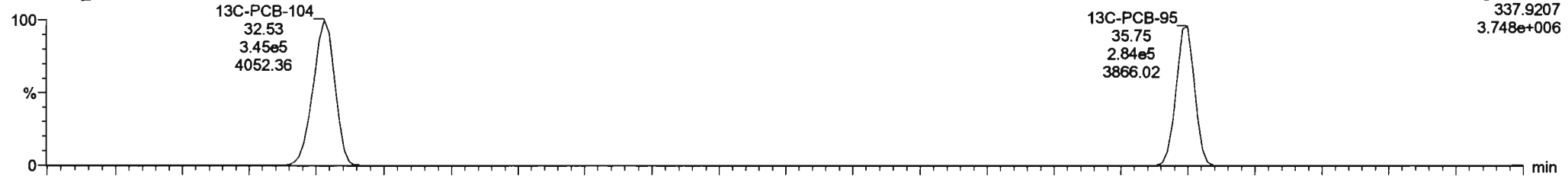
200617K2_9



F3:Voltage SIR,EI+
327.8775
6.683e+005

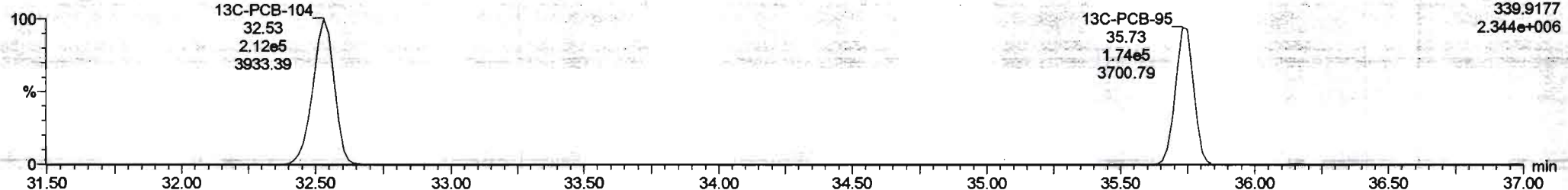
13C-PCB-95

200617K2_9



F3:Voltage SIR,EI+
337.9207
3.748e+006

200617K2_9

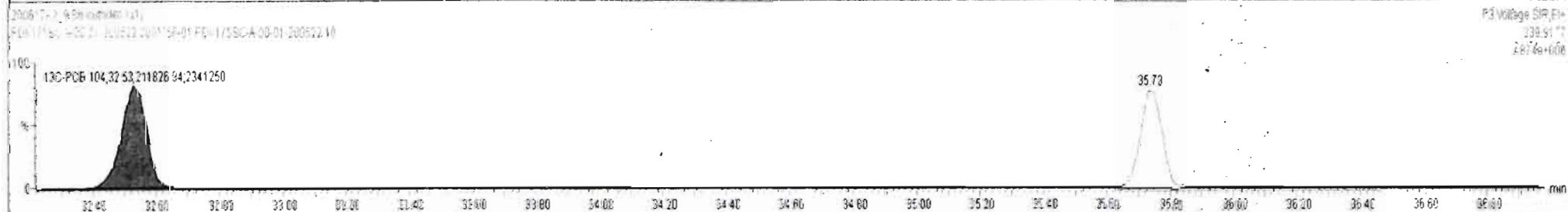
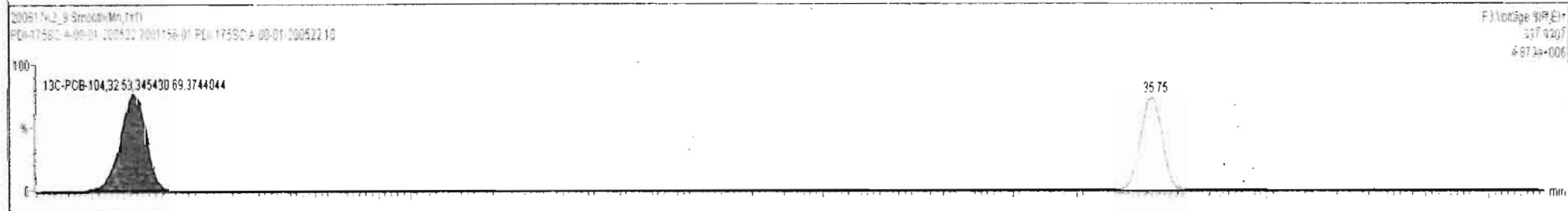
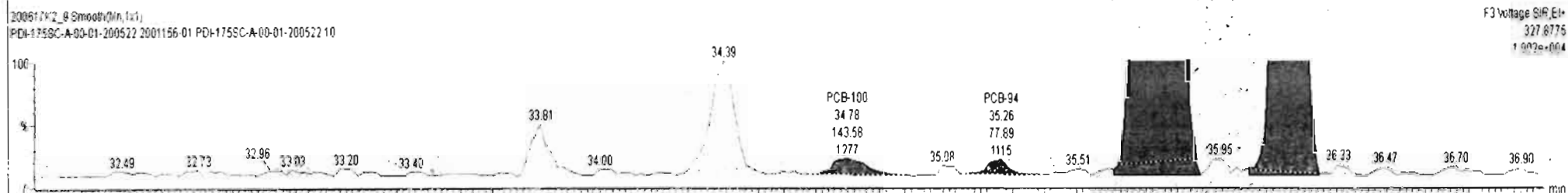
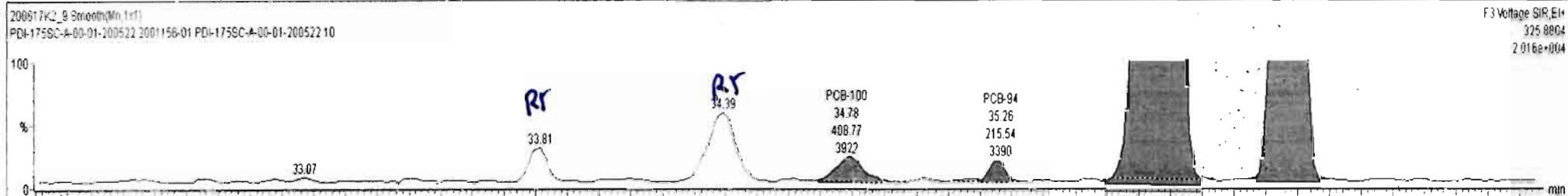


F3:Voltage SIR,EI+
339.9177
2.344e+006

200617K2_9-2001156-01-PDI-1755C-A-00-01-200522 10 - PDI-1755C-A-00-01-200522

#	Name	Resp	RA	nly	RRF	wVol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	229 3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3046		11.9	3067
230	230 4th Function Penta-PCBs				1.0735	5.313	0.00		0.000		NO	152.7		2.86	155.8
231	231 3rd Function Hexa-PCBs				0.9505	5.313	0.00		0.000		NO	1240		4.25	1262

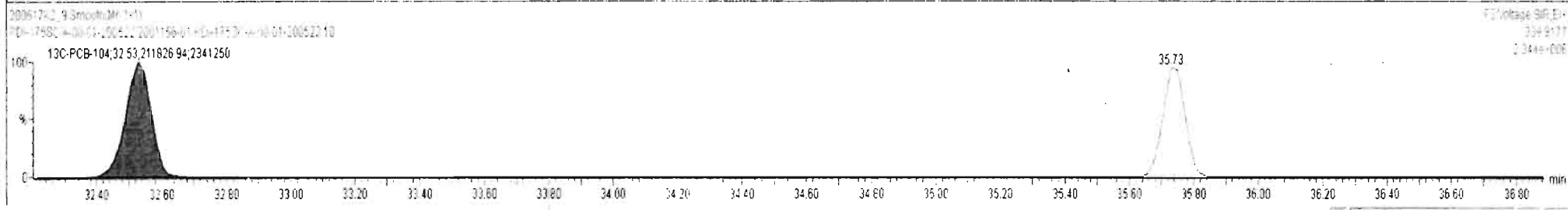
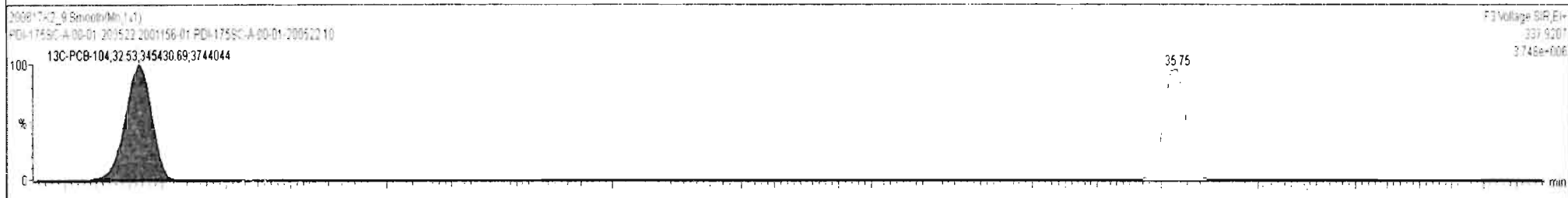
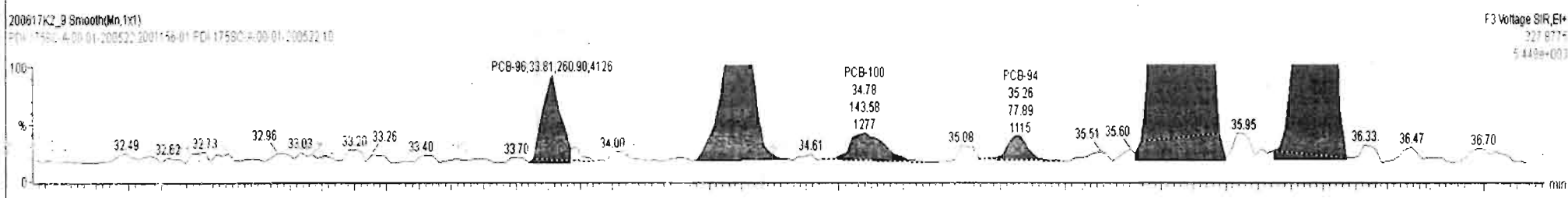
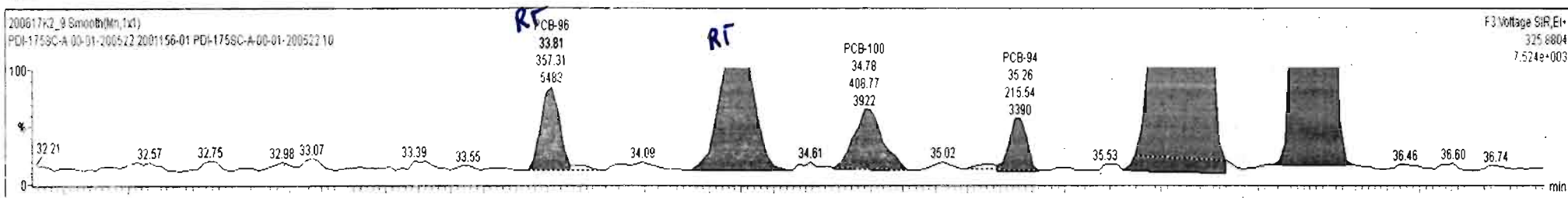
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	nly	EMPC	Conc.
1	67 PCB-100	34.78	34.78	4.089e2	1.436e2	1.560	2.85	YES	1.3020	0.00000
2	68 PCB-94	35.23	35.26	2.155e2	7.789e1	1.560	2.77	YES	0.86210	0.00000
3	69 PCB-95/98/102	35.71	35.77	8.400e4	5.192e4	1.560	1.62	NO	462.96	462.96
4	71 PCB-88/91	36.16	36.18	9.633e3	5.892e3	1.560	1.63	NO	59.818	59.818



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Res	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3055		11.9	3076
230	4th Function Penta-PCBs				1.0735	5.313	0.00		0.000		NO	152.7		2.86	155.8
231	3rd Function Hexa-PCBs				0.9505	5.313	0.00		0.000		NO	1240		4.25	1282

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	65 PCB-96	33.87	33.81	3.573e2	2.609e2	1.560	1.37	NO	1.8098	1.8098
2	66 PCB-103	34.44	34.39	1.152e3	8.357e2	1.560	1.38	NO	7.1704	7.1704
3	67 PCB-100	34.79	34.78	4.068e2	1.436e2	1.560	2.85	YES	1.3020	0.00000
4	68 PCB-94	35.23	35.26	2.155e2	7.789e1	1.560	2.77	YES	0.06210	0.00000
5	69 PCB-95/68/102	35.71	35.77	8.400e4	5.192e4	1.560	1.62	NO	462.96	462.96
6	71 PCB-88/91	36.18	36.18	9.633e3	5.892e3	1.560	1.63	NO	59.818	59.818

-0.07 early
 -0.05 early



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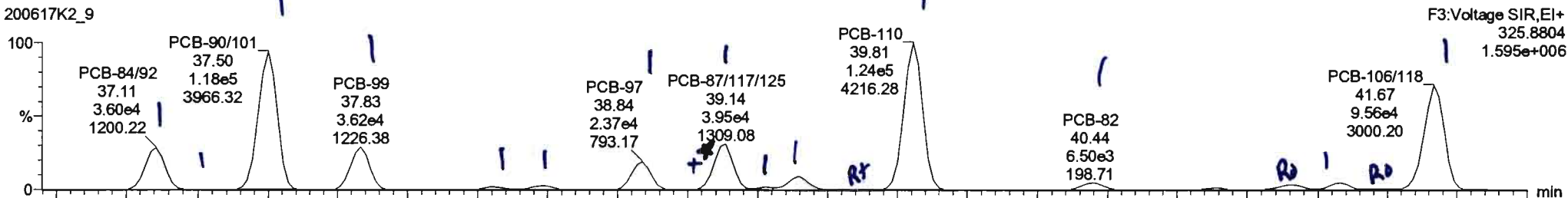
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July 06-23-2020

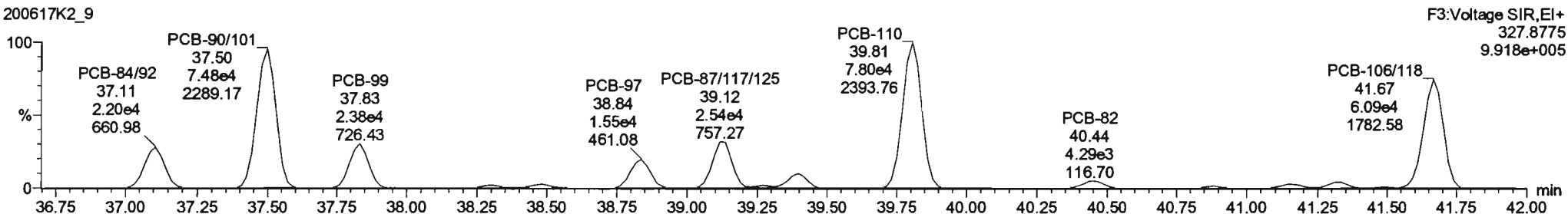
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PCB-119

200617K2_9

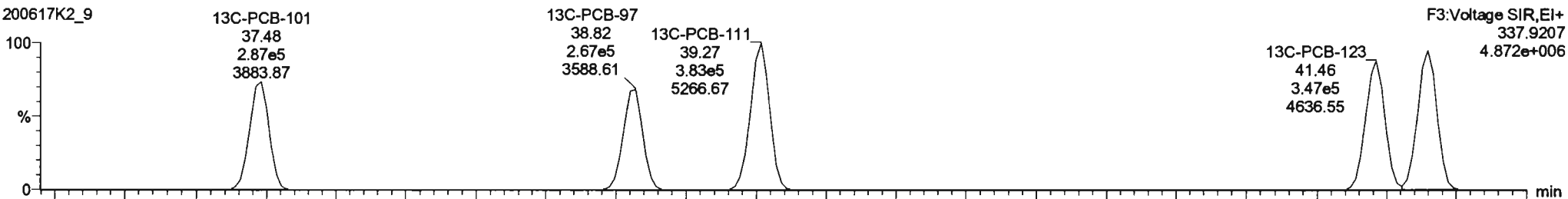


200617K2_9

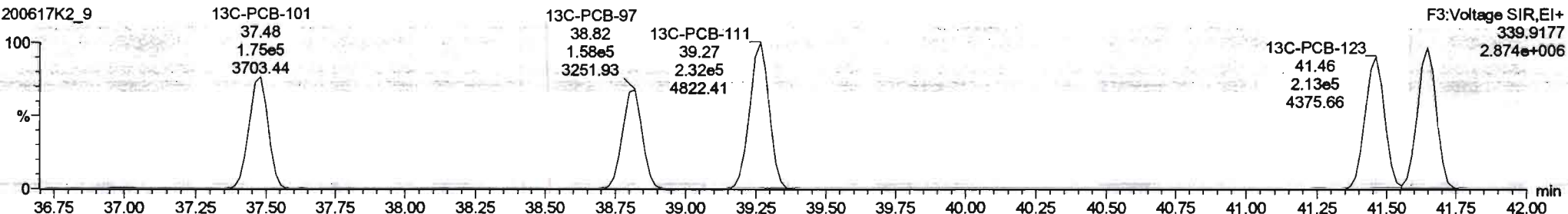


13C-PCB-111

200617K2_9

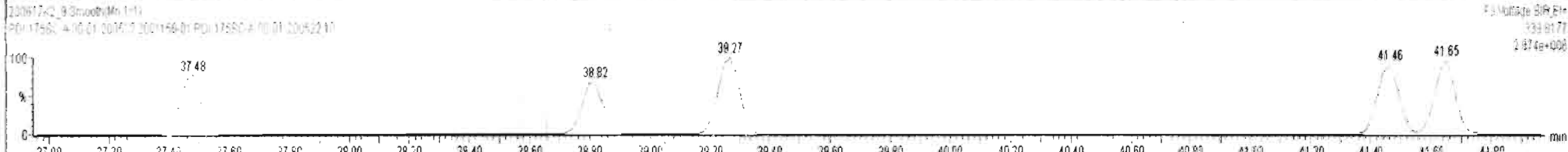
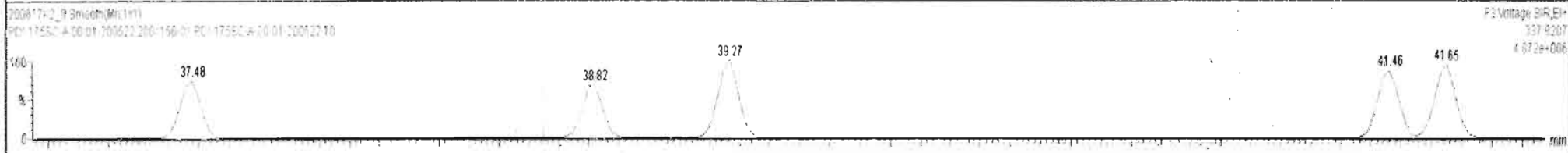
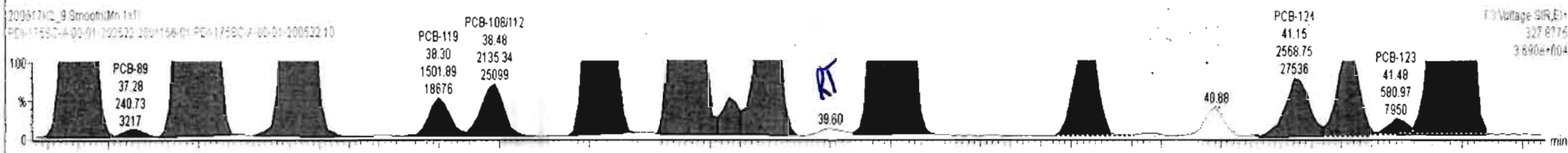
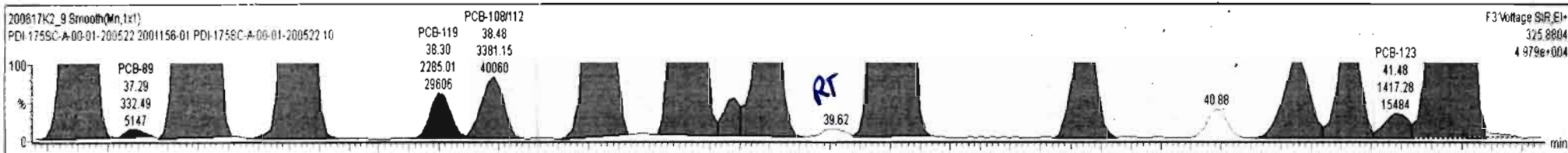


200617K2_9



#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.2157	5.313	0.00		0.000		NO	3043		11.9	3066

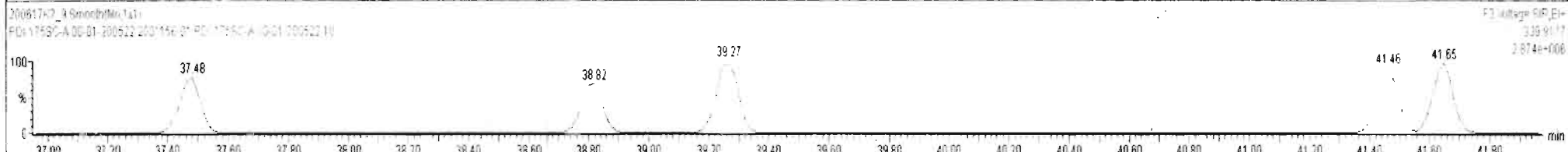
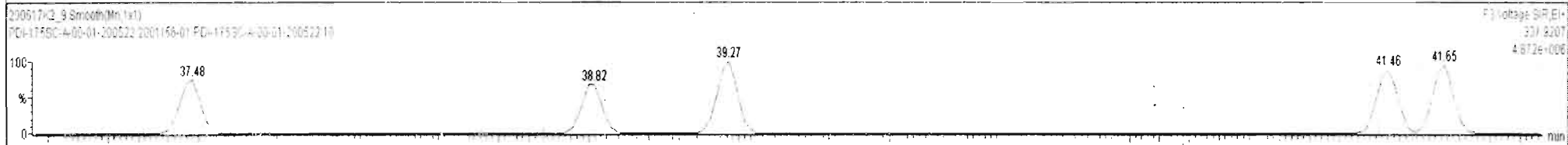
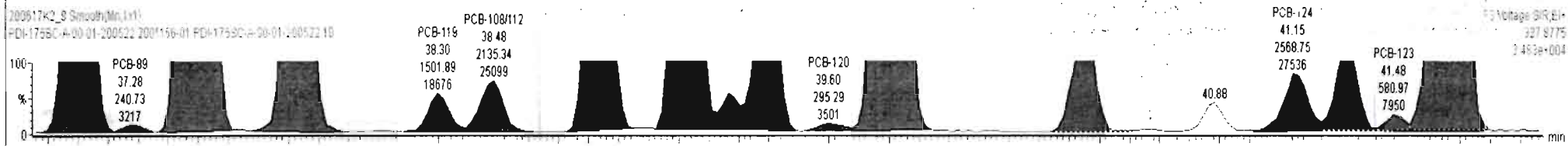
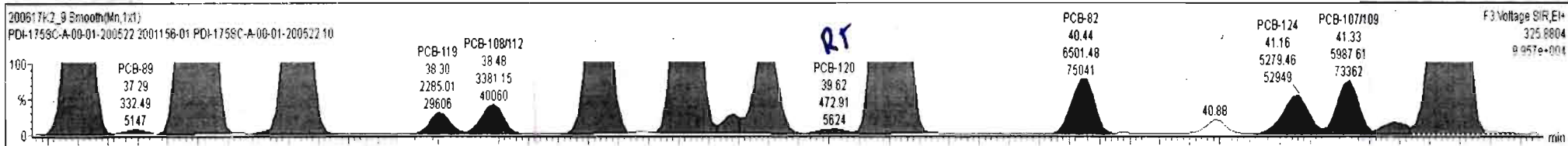
#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
5	73 PCB-84/82	37.12	37.11	3.804e4	2.198e4	1.560	1.64	NO	231.96	231.96
6	74 PCB-89	37.29	37.29	3.325e2	2.407e2	1.560	1.38	NO	2.1105	2.1105
7	75 PCB-90/n01	37.50	37.50	1.177e5	7.480e4	1.560	1.57	NO	697.65	697.65
8	77 PCB-99	37.83	37.83	3.619e4	2.376e4	1.560	1.52	NO	184.65	184.65
9	78 PCB-119	38.32	38.30	2.285e3	1.502e3	1.560	1.52	NO	9.2913	9.2913
10	79 PCB-108/112	38.47	38.48	3.381e3	2.135e3	1.560	1.58	NO	16.910	16.910
11	81 PCB-97	38.84	38.84	2.371e4	1.546e4	1.560	1.53	NO	135.35	135.35
12	83 PCB-87/n17/n25	39.14	39.14	3.947e4	2.543e4	1.560	1.55	NO	184.38	184.38
13	84 PCB-111/n15	39.29	39.28	1.446e3	1.025e3	1.560	1.41	NO	5.7292	5.7292
14	85 PCB-85/n16	39.42	39.40	1.144e4	7.693e3	1.560	1.49	NO	60.081	60.081
15	87 PCB-110	39.81	39.81	1.237e5	7.802e4	1.560	1.59	NO	512.69	512.69
16	88 PCB-82	40.45	40.44	6.501e3	4.212e3	1.560	1.54	NO	46.132	46.132
17	89 PCB-124	41.17	41.16	5.279e3	2.569e3	1.560	2.06	YES	15.838	0.00000
18	90 PCB-107/n09	41.31	41.33	5.988e3	3.441e3	1.560	1.74	NO	23.640	23.640
19	91 PCB-123	41.48	41.48	1.417e3	5.810e2	1.560	2.44	YES	4.1770	0.00000
20	92 PCB-106/n18	41.69	41.67	9.547e4	6.093e4	1.560	1.57	NO	410.03	410.03



#	Name	Resp	RA	n/y	RRF	wt/avl	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.2157	5.313	0.00		0.000		NO	3045		11.9	3067

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
5	73 PCB-84/82	37.12	37.11	3.504e4	2.198e4	1.560	1.64	NO	231.96	231.96
6	74 PCB-89	37.29	37.29	3.325e2	2.407e2	1.560	1.38	NO	2.1105	2.1105
7	75 PCB-90/101	37.50	37.50	1.177e5	7.480e4	1.560	1.57	NO	697.65	697.65
8	77 PCB-99	37.83	37.83	3.619e4	2.376e4	1.560	1.52	NO	184.65	184.65
9	78 PCB-119	38.32	38.30	2.205e3	1.502e3	1.560	1.52	NO	9.2913	9.2913
10	79 PCB-108/112	38.47	38.48	3.381e3	2.135e3	1.560	1.58	NO	16.910	16.910
11	81 PCB-97	38.84	38.84	2.371e4	1.546e4	1.560	1.53	NO	135.35	135.35
12	83 PCB-87/117/125	39.14	39.14	3.947e4	2.543e4	1.560	1.55	NO	184.38	184.38
13	84 PCB-111/115	39.29	39.28	1.446e3	1.025e3	1.560	1.41	NO	5.7292	5.7292
14	85 PCB-85/116	39.42	39.40	1.144e4	7.693e3	1.560	1.49	NO	60.081	60.081
15	86 PCB-120	39.68	39.62	4.729e2	2.953e2	1.560	1.60	NO	1.6870	1.6870
16	87 PCB-110	39.81	39.81	1.237e5	7.802e4	1.560	1.59	NO	512.69	512.69
17	88 PCB-82	40.46	40.44	6.501e3	4.212e3	1.560	1.54	NO	46.132	46.132
18	89 PCB-124	41.17	41.16	5.279e3	2.569e3	1.560	2.06	YES	15.838	0.00000
19	90 PCB-107/109	41.31	41.33	5.988e3	3.441e3	1.560	1.74	NO	23.640	23.640
20	91 PCB-123	41.48	41.48	1.417e3	5.810e2	1.560	2.44	YES	4.1770	0.00000
21	92 PCB-106/118	41.69	41.67	9.547e4	6.093e4	1.560	1.57	NO	410.03	410.03

-0.06 early

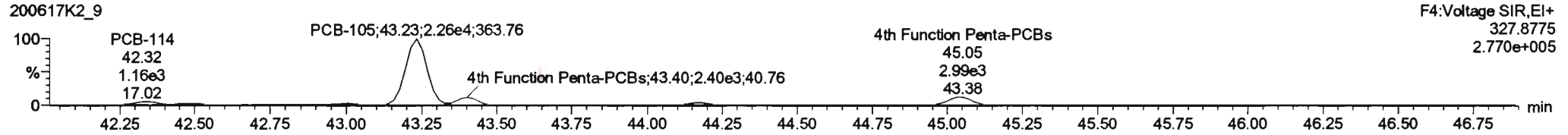
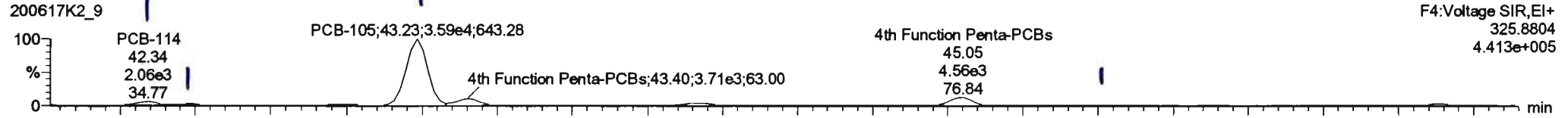


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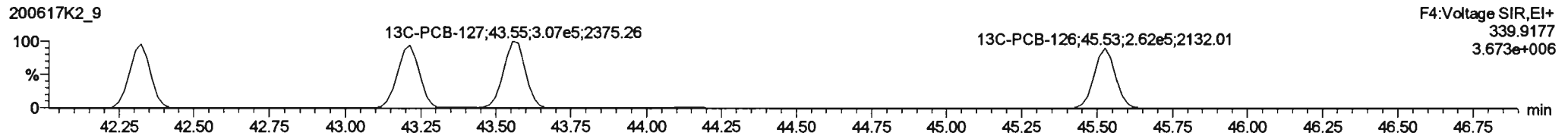
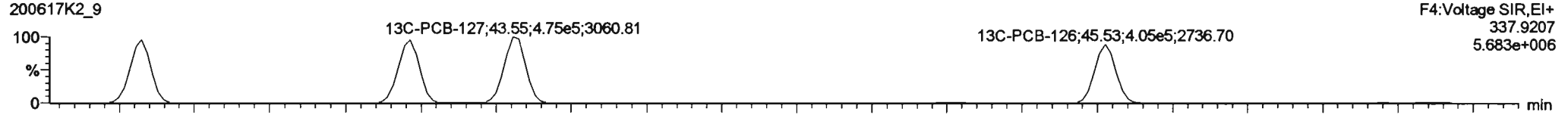
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Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

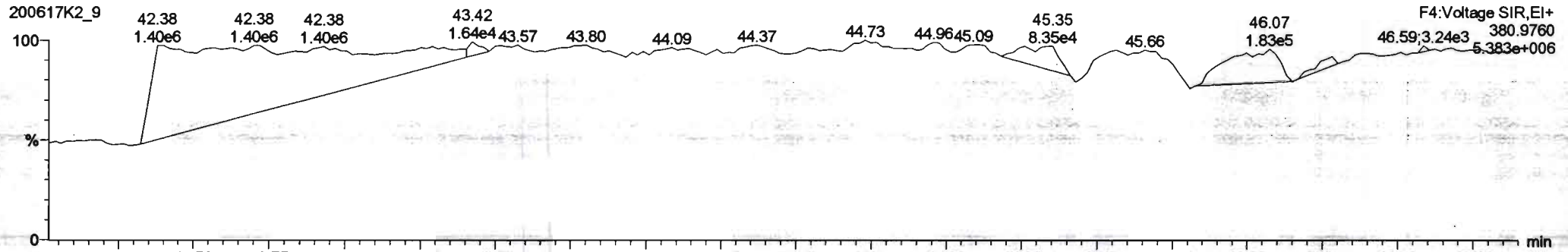
PCB-114



13C-PCB-114

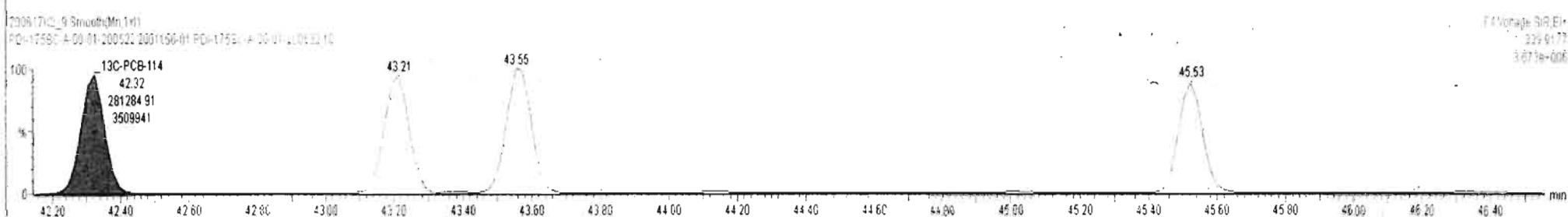
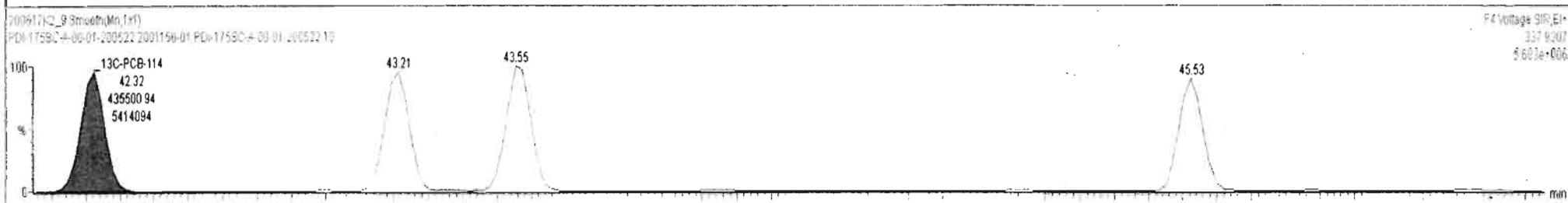
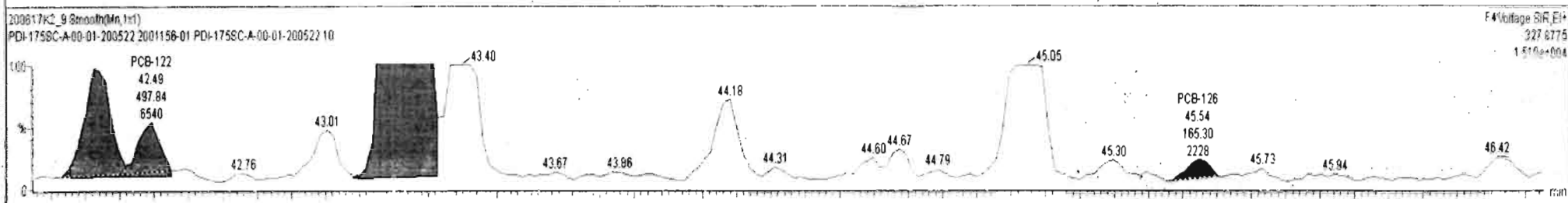
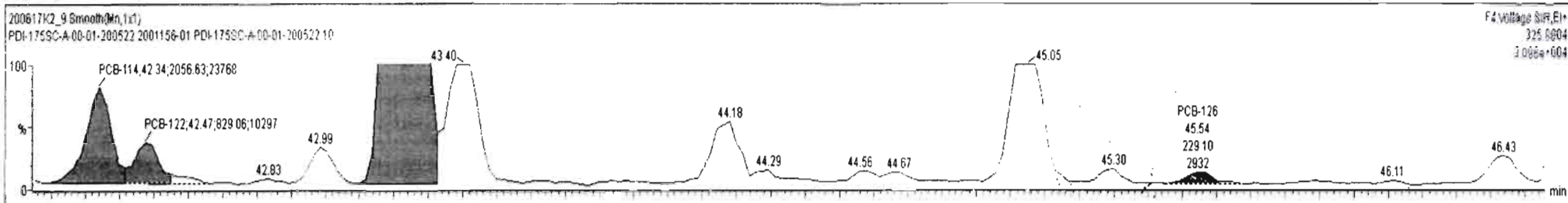


PFK4a



#	Name	Resp	RA	n/y	R/R	w/Acl	Pred RT	RT	Pred R..	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
229	3rd Function Penta-PCBs				1.3157	5.313	0.00		0.000		NO	3043		11.9	3066
230	4th Function Penta-PCBs				1.0735	5.313	0.00		0.000		NO	156.4		2.86	156.4
231	3rd Function Hexa-PCBs				0.9505	5.313	0.00		0.000		NO	1240		4.25	1282

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	93 PCB-114	42.34	42.34	2.057e3	1.204e3	1.560	1.71	NO	7.5027	7.5027
2	94 PCB-122	42.49	42.47	8.291e2	4.978e2	1.560	1.67	NO	3.6901	3.6901
3	95 PCB-105	43.23	43.23	3.591e4	2.257e4	1.550	1.59	NO	144.29	144.29
4	97 PCB-126	45.54	45.54	2.291e2	1.653e2	1.560	1.39	NO	0.94924	0.94924



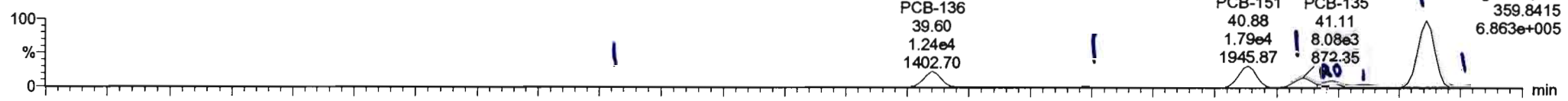
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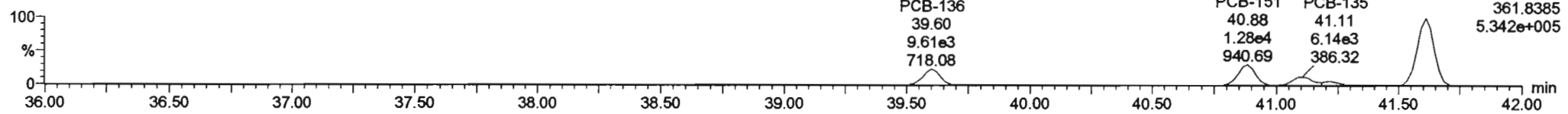
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PCB-155

200617K2_9

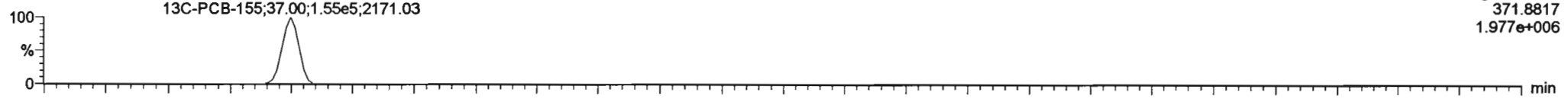


200617K2_9

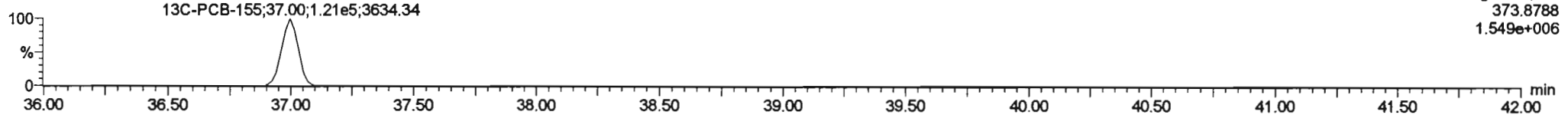


13C-PCB-155

200617K2_9

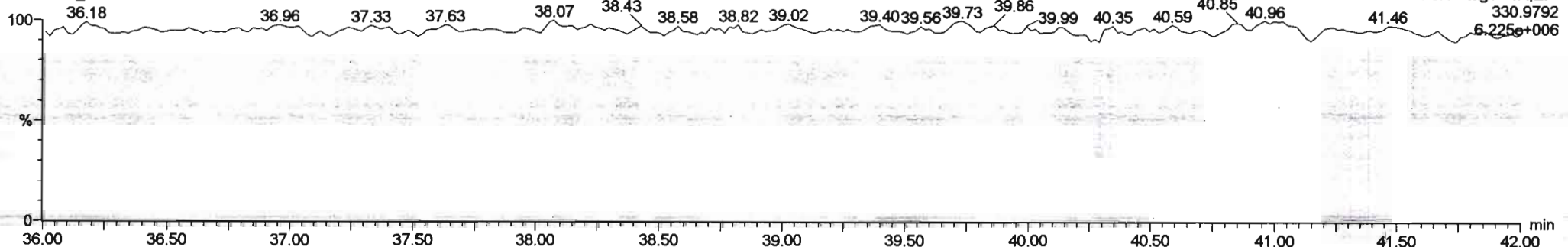


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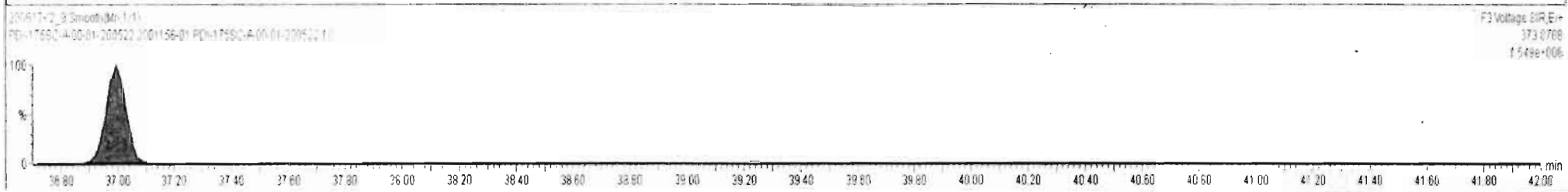
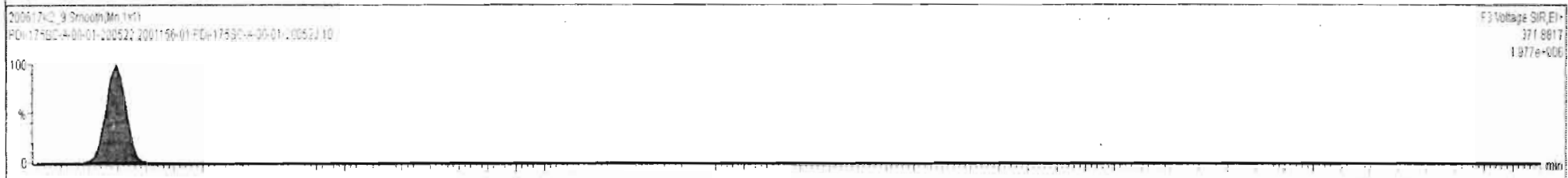
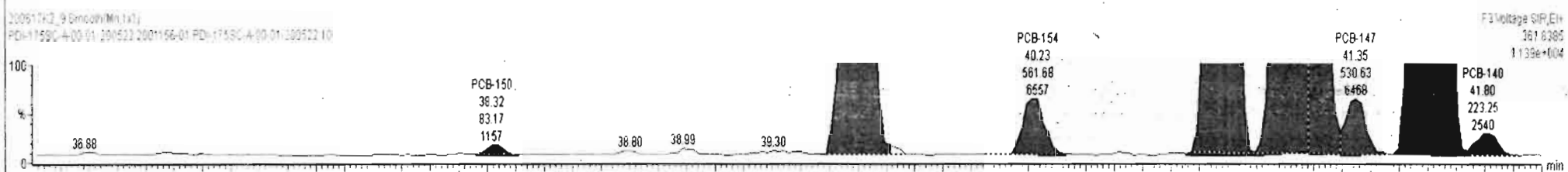
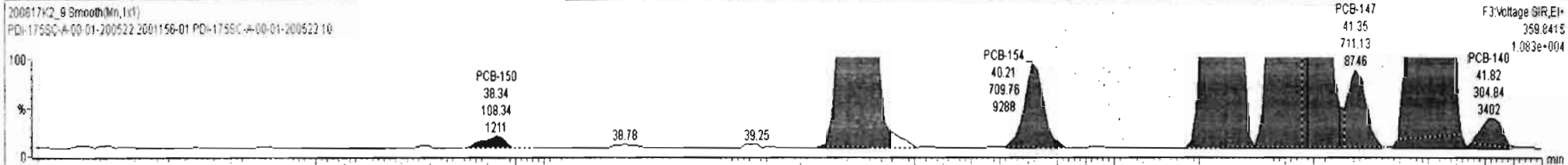
PFK3c

200617K2_9



#	Name	Resp	RA	n/y	RRF	wtAveI	Pred RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
231	3rd Function Hexa-PCBs				0.9505	5.313	0.00		0.000		NO	1250		4.25	1290
232	4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2240		12.7	2297
233	Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2376		9.90	2385

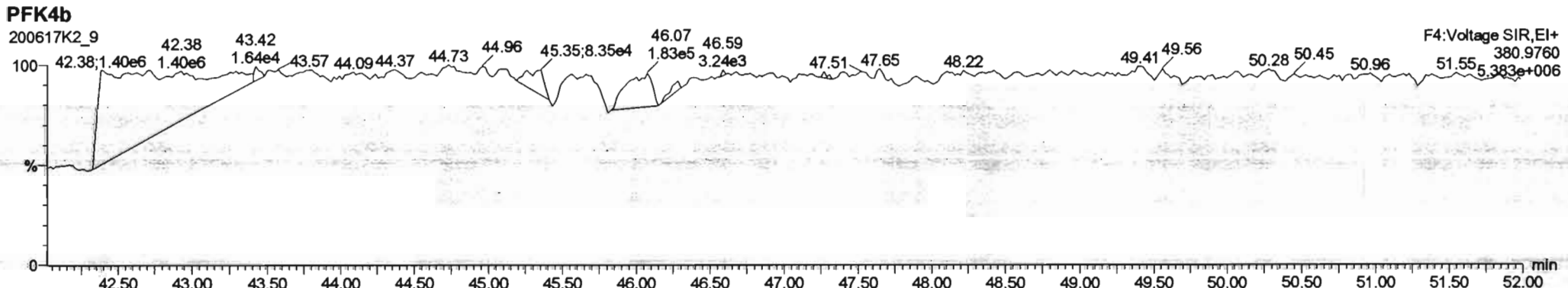
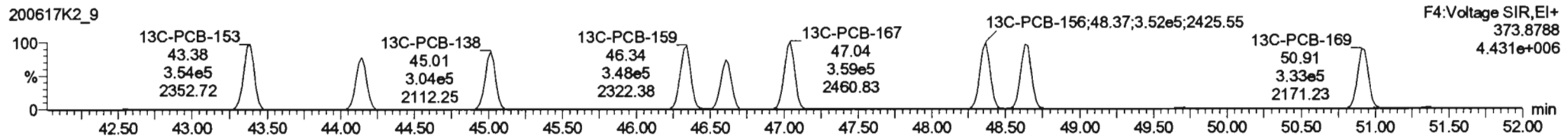
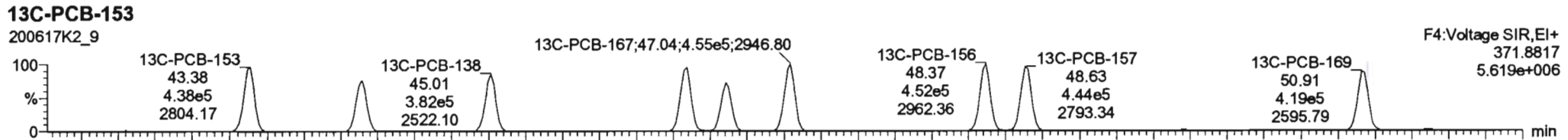
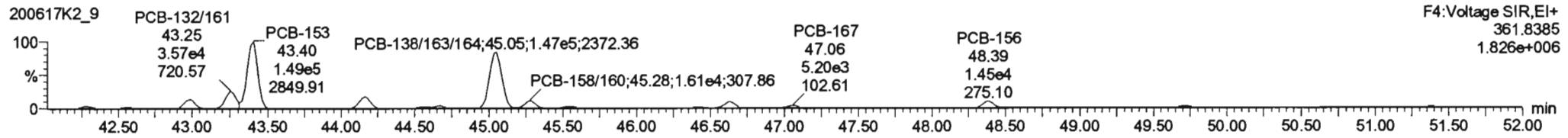
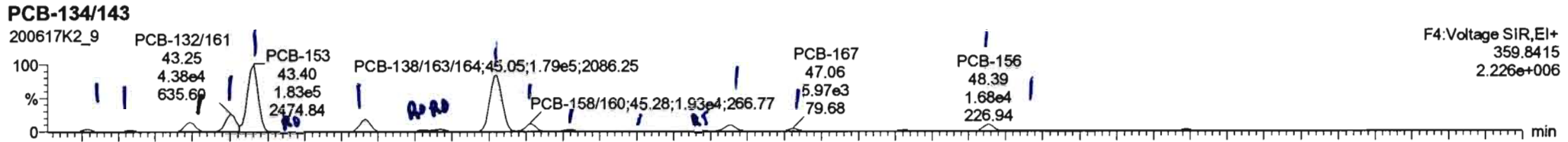
#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	n/y	EMPC	Conc.
1	99 PCB-150	38.33	38.34	1.083e2	8.317e1	1.240	1.30	NO	1.2067	1.2067
2	102 PCB-136	39.62	39.60	1.234e4	9.588e3	1.240	1.29	NO	146.65	146.65
3	104 PCB-154	40.24	40.21	7.098e2	5.617e2	1.240	1.26	NO	9.4448	9.4448
4	105 PCB-151	40.90	40.88	1.788e4	1.267e4	1.240	1.39	NO	266.89	266.89
5	106 PCB-135	41.11	41.11	8.637e3	6.156e3	1.240	1.40	NO	109.50	109.50
6	107 PCB-144	41.22	41.22	3.247e3	2.101e3	1.240	1.55	YES	40.721	0.00000
7	108 PCB-147	41.35	41.35	7.111e2	5.306e2	1.240	1.34	NO	10.158	10.158
8	109 PCB-139/149	41.64	41.61	5.493e4	4.243e4	1.240	1.29	NO	701.24	701.24
9	110 PCB-140	41.82	41.82	3.048e2	2.230e2	1.240	1.37	NO	4.5426	4.5426



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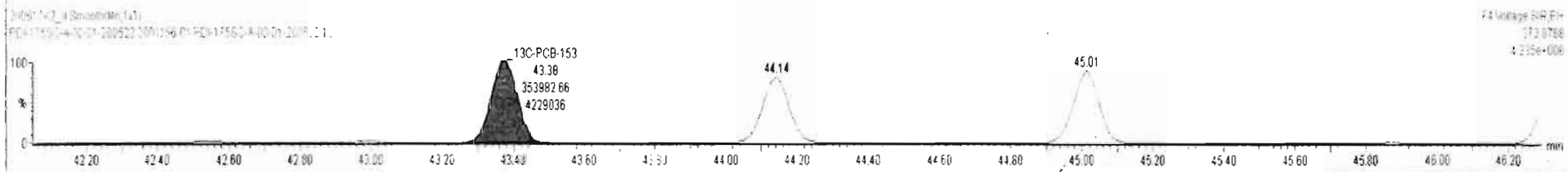
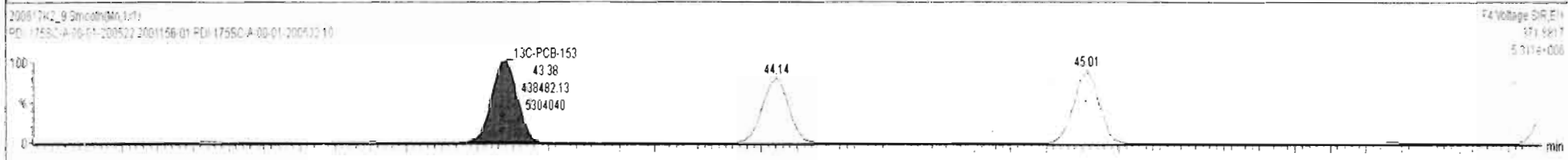
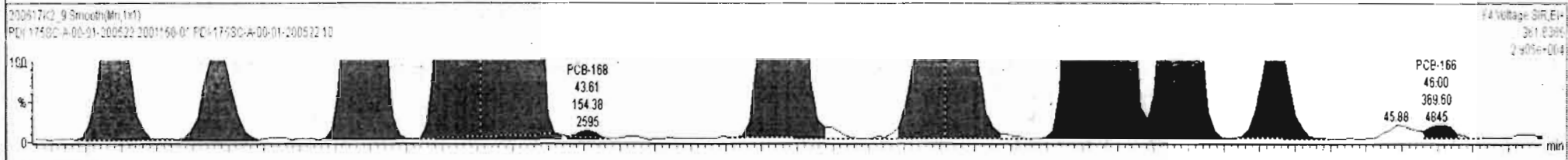
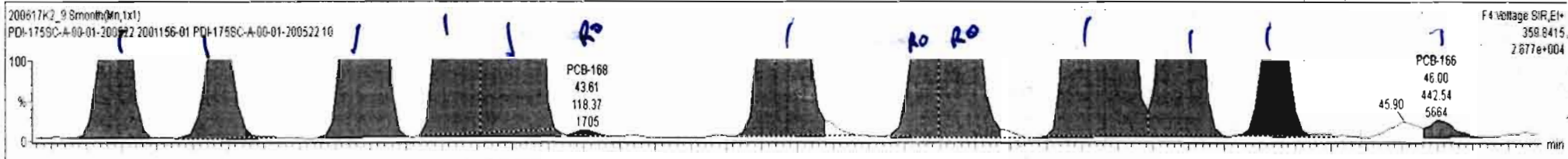
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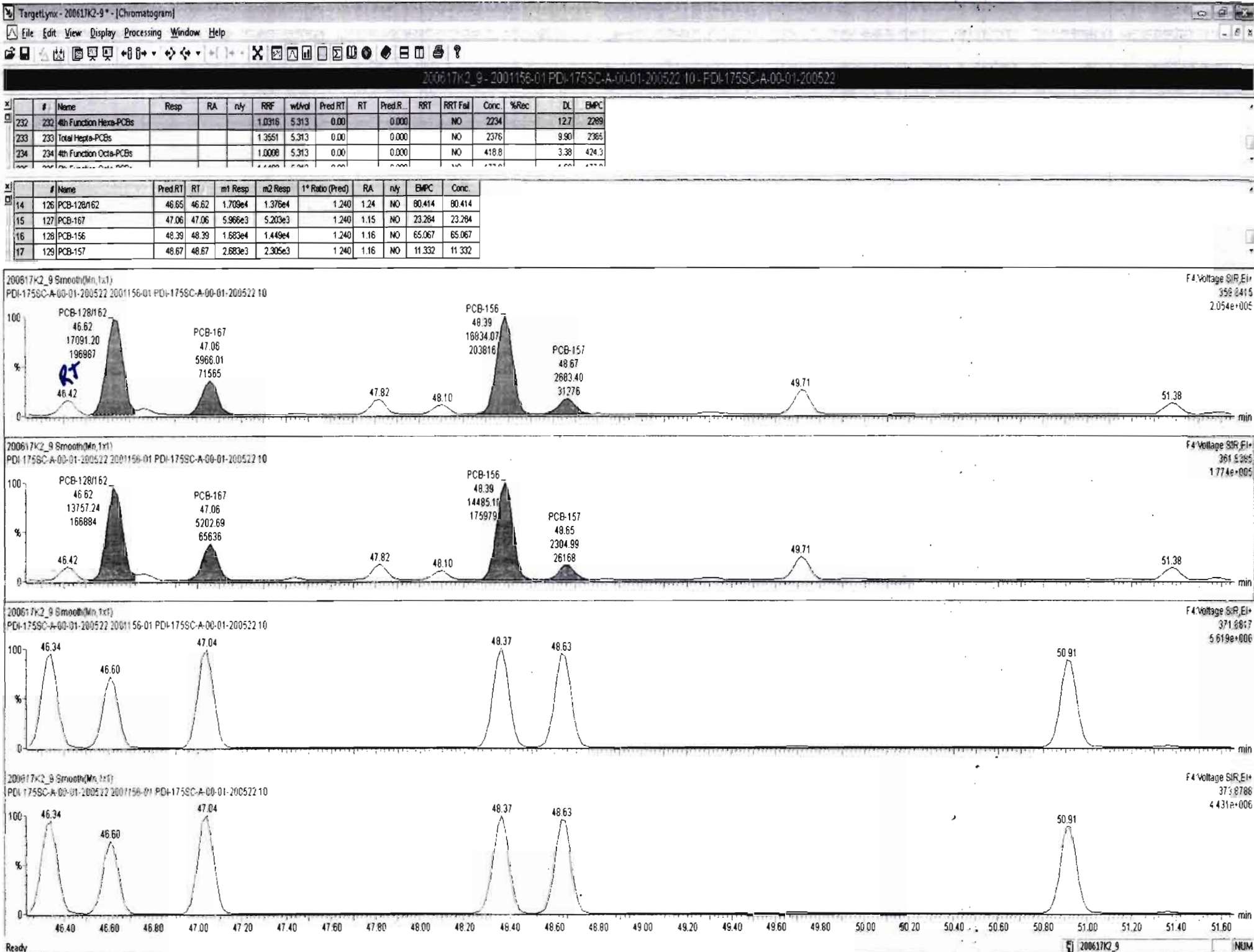
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#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2243		127	2298
233	Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2376		9.90	2385
234	4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	418.8		3.38	424.3

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 ^o Ratio (Pred)	RA	n/y	EMPC	Conc.
1	111 PCB-134/143	42.30	42.28	6.396e3	4.634e3	1.240	1.38	NO	34.519	34.519
2	112 PCB-131/133	42.59	42.57	3.587e3	2.893e3	1.240	1.24	NO	18.753	18.753
3	114 PCB-146/165	42.98	42.98	2.420e4	1.941e4	1.240	1.25	NO	101.89	101.89
4	115 PCB-132/161	43.22	43.25	4.401e4	3.574e4	1.240	1.23	NO	184.97	184.97
5	116 PCB-153	43.40	43.40	1.833e5	1.497e5	1.240	1.22	NO	738.85	738.85
6	117 PCB-168	43.63	43.61	1.184e2	1.544e2	1.240	0.77	YES	0.47147	0.00000
7	118 PCB-141	44.16	44.16	3.375e4	2.720e4	1.240	1.24	NO	174.16	174.16
8	119 PCB-137	44.56	44.56	4.025e3	3.944e3	1.240	1.02	YES	19.209	0.00000
9	120 PCB-130	44.56	44.67	6.907e3	4.800e3	1.240	1.44	YES	35.625	0.00000
10	121 PCB-138/163/164	45.05	45.05	1.792e5	1.473e5	1.240	1.22	NO	697.88	697.88
11	122 PCB-158/160	45.30	45.28	1.941e4	1.606e4	1.240	1.21	NO	78.485	78.485
12	123 PCB-129	45.56	45.54	3.996e3	3.238e3	1.240	1.23	NO	22.998	22.998
13	124 PCB-166	46.02	46.00	4.425e2	3.696e2	1.240	1.20	NO	1.6807	1.6807

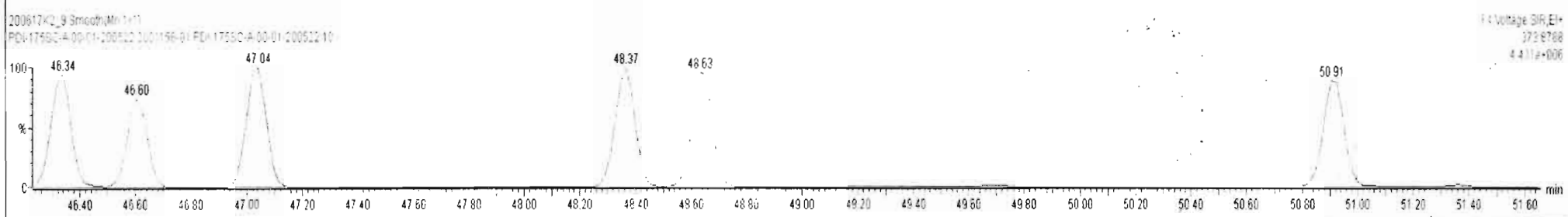
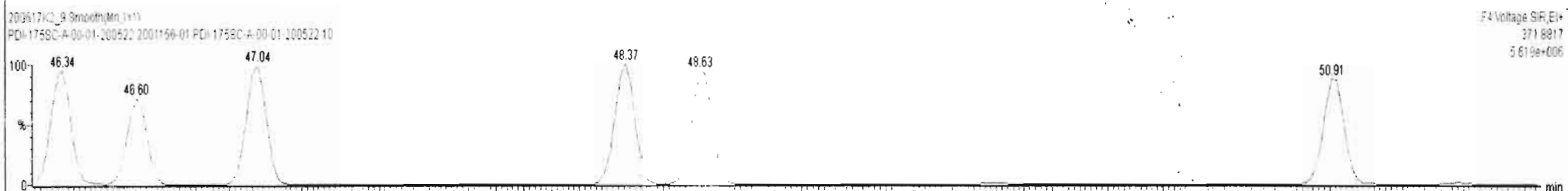
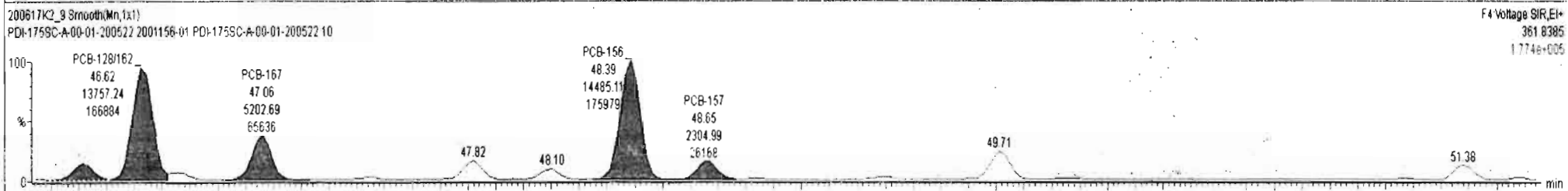
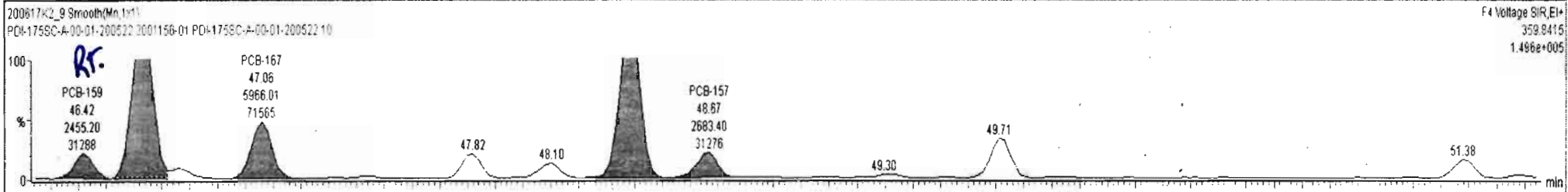




#	Name	Resp	RA	n/y	RRF	w/wd	Pred.RT	RT	Pred.R.	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2243		12.7	2298
233	233 Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2376		9.90	2385
234	234 4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	418.8		3.38	424.3

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
14	125 PCB-159	46.36	46.42	2.455e3	1.949e3	1.240	1.26	NO	8.5645	8.5645
15	126 PCB-128/162	46.25	46.62	1.709e4	1.378e4	1.240	1.24	NO	80.414	80.414
16	127 PCB-167	47.06	47.06	5.966e3	5.203e3	1.240	1.15	NO	23.284	23.284
17	128 PCB-156	48.39	48.39	1.883e4	1.449e4	1.240	1.16	NO	65.067	65.067
18	129 PCB-157	48.67	48.67	2.683e3	2.305e3	1.240	1.16	NO	11.332	11.332

0.06 late

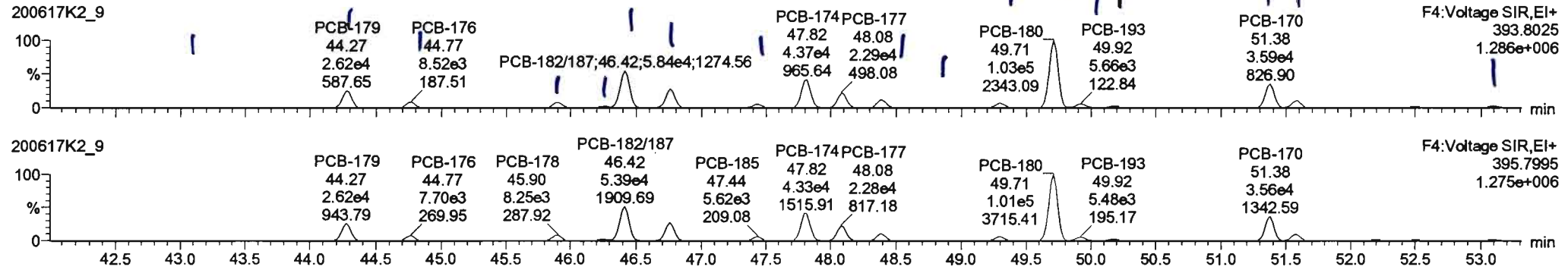


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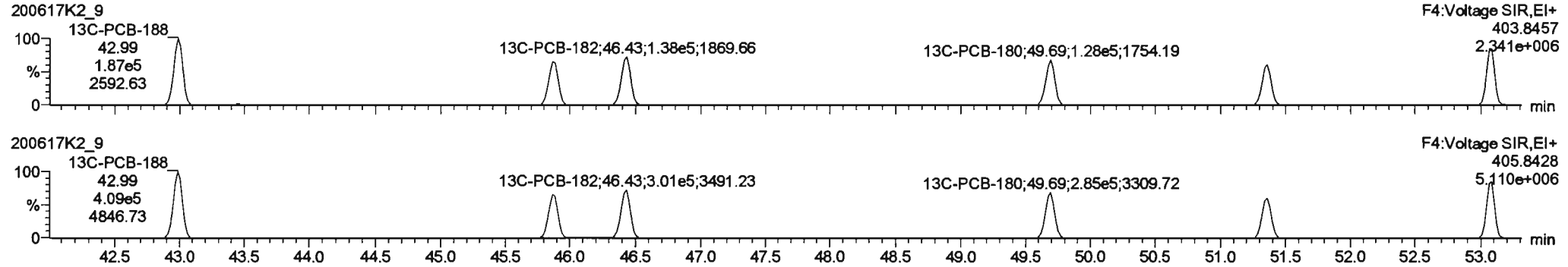
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Name: 200617K2_9, Date: 18-Jun-2020, Time: 08:37:21, ID: 2001156-01 PDI-175SC-A-00-01-200522 10, Description: PDI-175SC-A-00-01-200522

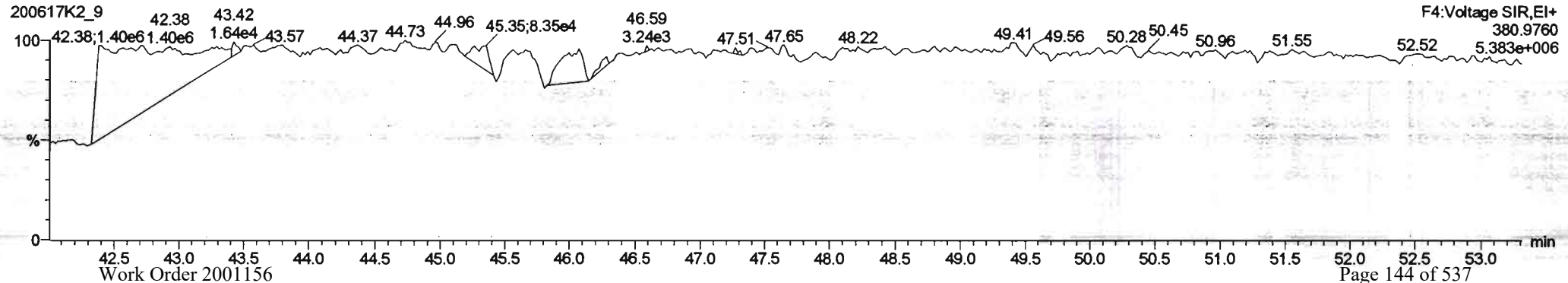
PCB-188



13C-PCB-188

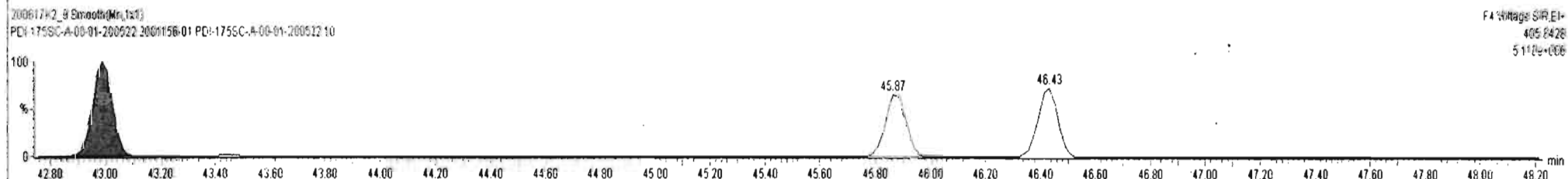
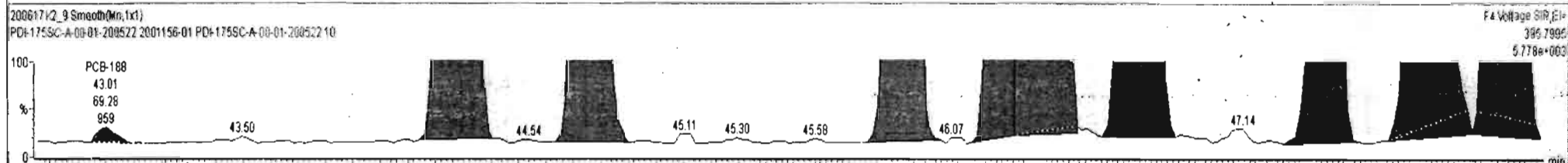
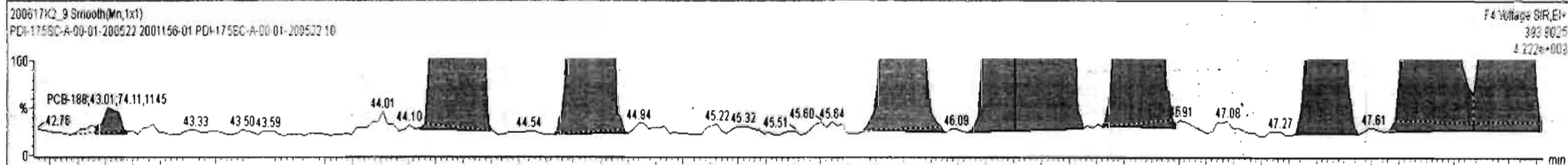


PFK4c



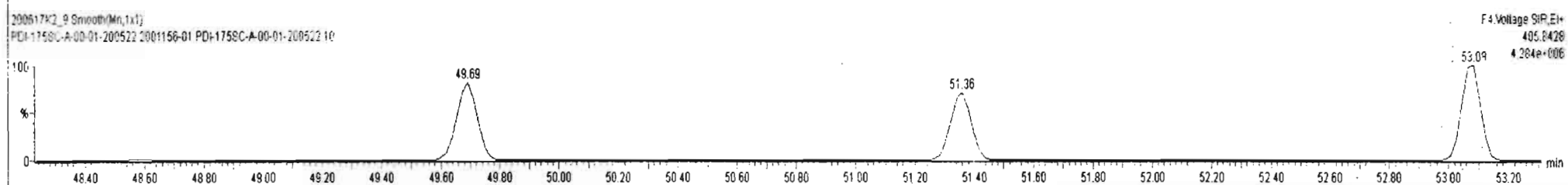
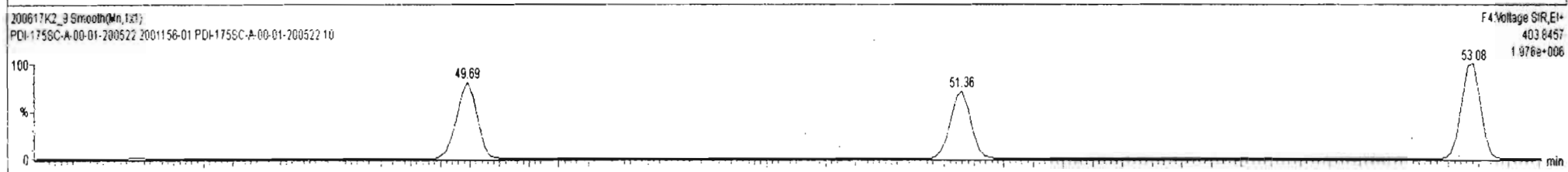
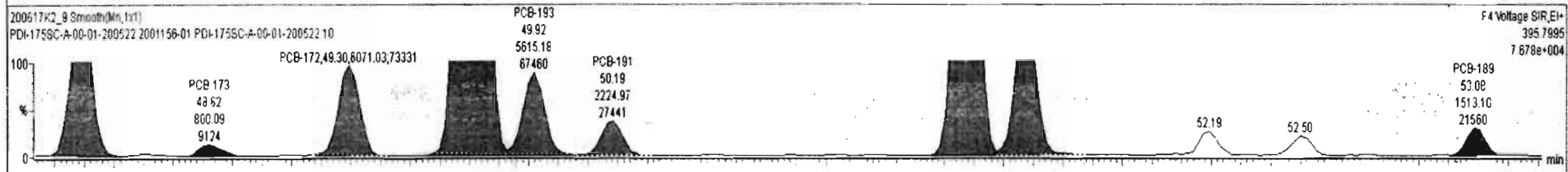
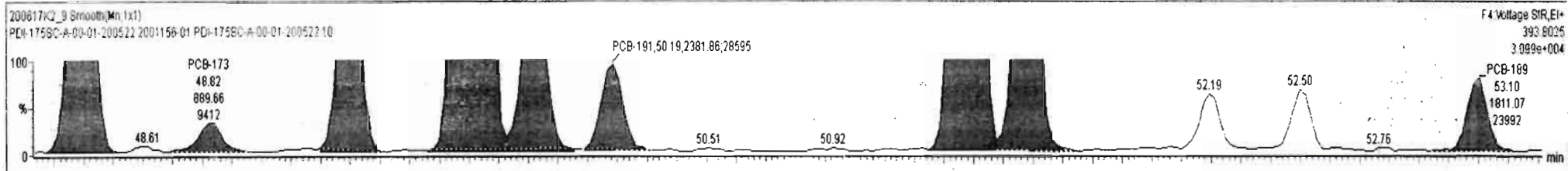
#	Name	Resp	RA	nly	RRF	wt/vol	Pred RT	RT	Pred R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2234		12.7	2289
233	233 Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2379		9.90	2388
234	234 4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	416.8		3.38	424.3

#	Name	Pred RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
1	131 PCB-188	43.02	43.01	7.411e1	6.928e1	1.050	1.07	NO	0.35119	0.35119
2	133 PCB-179	44.26	44.27	2.620e4	2.624e4	1.050	1.00	NO	127.59	127.59
3	134 PCB-176	44.74	44.77	8.543e3	7.704e3	1.050	1.11	NO	39.217	39.217
4	136 PCB-178	45.89	45.90	8.037e3	8.252e3	1.050	0.97	NO	54.550	54.550
5	137 PCB-175	46.24	46.26	1.804e3	1.755e3	1.050	1.03	NO	11.758	11.758
6	138 PCB-182/187	46.42	46.42	5.837e4	5.396e4	1.050	1.08	NO	332.82	332.82
7	139 PCB-183	46.76	46.76	2.850e4	2.767e4	1.050	1.03	NO	173.47	173.47
8	140 PCB-185	47.44	47.44	5.220e3	5.621e3	1.050	0.93	NO	35.170	35.170
9	141 PCB-174	47.82	47.82	4.382e4	4.354e4	1.050	1.01	NO	294.30	294.30
10	143 PCB-177	48.08	48.08	2.296e4	2.304e4	1.050	1.00	NO	164.16	164.16



#	Name	Resp	RA	nly	RRF	wVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2234		12.7	2289
233	233 Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2392		9.90	2392
234	234 4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	418.8		3.38	424.3

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc
11	144 PCB-171	48.38	48.39	1.170e4	1.005e4	1.050	1.16	NO	75.336	75.336
12	145 PCB-173	48.82	48.82	8.897e2	8.001e2	1.050	1.11	NO	6.4759	6.4759
13	146 PCB-172	49.30	49.30	6.524e3	6.071e3	1.050	1.07	NO	41.765	41.765
14	148 PCB-180	49.71	49.71	1.034e5	1.012e5	1.050	1.02	NO	660.83	660.83
15	149 PCB-193	49.92	49.92	5.834e3	5.615e3	1.050	1.04	NO	31.137	31.137
16	150 PCB-191	50.18	50.19	2.382e3	2.225e3	1.050	1.07	NO	12.284	12.284
17	151 PCB-170	51.38	51.38	3.591e4	3.559e4	1.050	1.01	NO	264.49	264.49
18	152 PCB-190	51.57	51.59	1.059e4	9.592e3	1.050	1.10	NO	56.494	56.494
19	153 PCB-189	53.11	53.16	1.811e3	1.513e3	1.050	1.20	NO	9.4889	9.4889



Dataset: Untitled

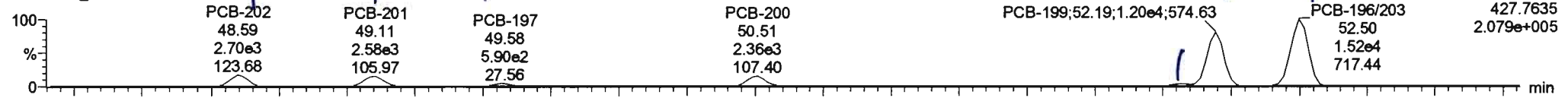
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Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

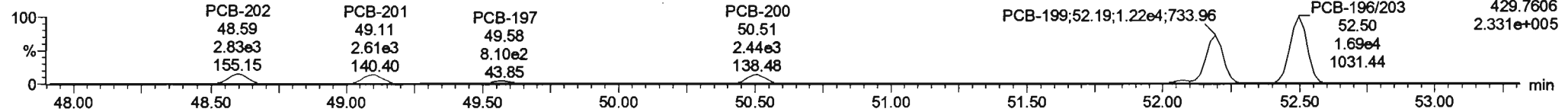
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PCB-202

200617K2_9

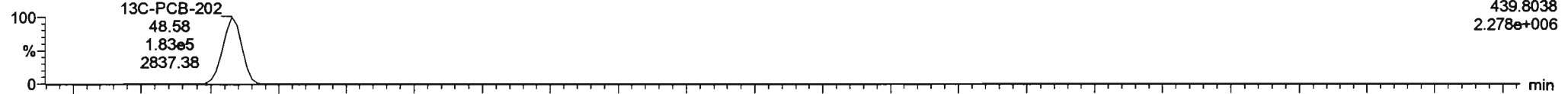


200617K2_9

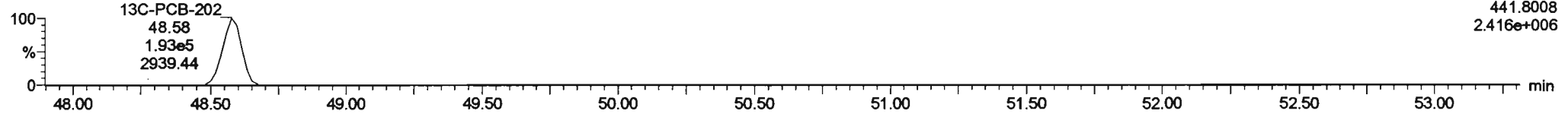


13C-PCB-202

200617K2_9

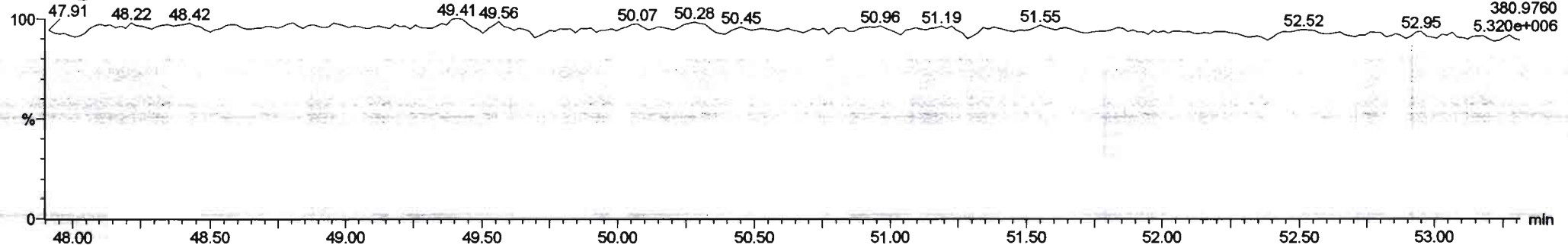


200617K2_9



PFK4d

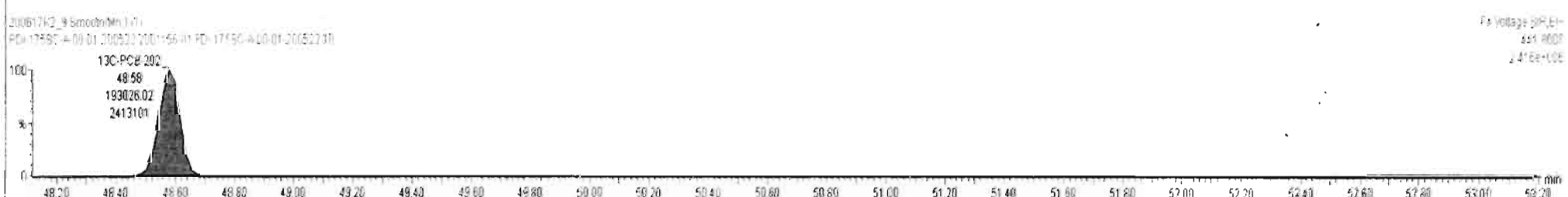
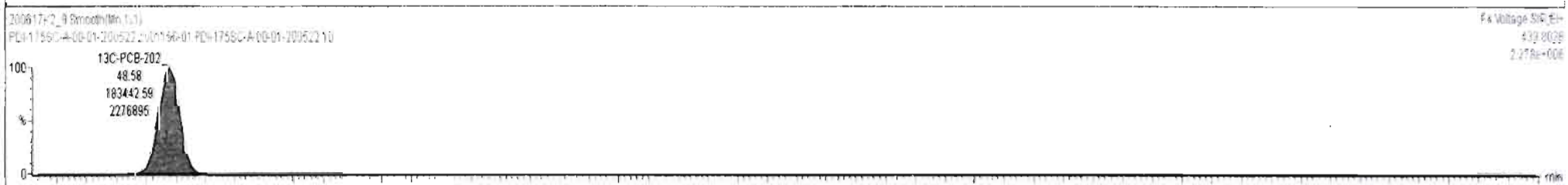
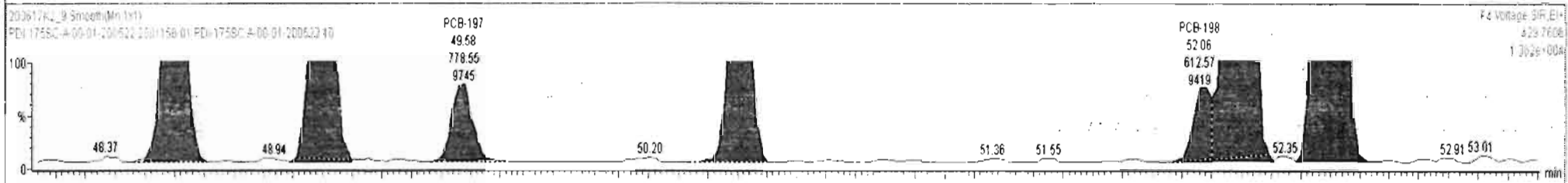
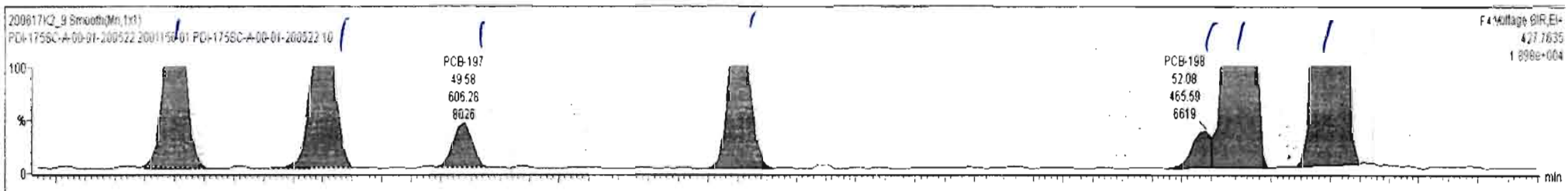
200617K2_9



200617K2_9 - 2001156-01-PD-1755C-A-00-01-200522 10 - PD-1755C-A-00-01-200522

#	Name	Resp	RA	n/y	RRF	w/Vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2234		12.7	2289
233	233 Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2392		9.90	2392
234	234 4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	425.9		3.38	425.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1 st Ratio (Pred)	RA	n/y	EMPC	Conc.
1	154 PCB-202	48.61	48.59	2.741e3	2.800e3	0.890	0.96	NO	23.729	23.729
2	155 PCB-201	49.10	49.11	2.548e3	2.689e3	0.890	0.95	NO	24.869	24.869
3	157 PCB-197	49.57	49.58	6.063e2	7.785e2	0.890	0.78	NO	6.1132	6.1132
4	158 PCB-200	50.50	50.51	2.362e3	2.440e3	0.890	0.97	NO	22.433	22.433
5	159 PCB-198	52.08	52.08	4.656e2	6.126e2	0.890	0.76	NO	6.7907	6.7907
6	160 PCB-199	52.18	52.19	1.200e4	1.229e4	0.890	0.98	NO	150.06	150.06
7	161 PCB-196/203	52.50	52.50	1.522e4	1.694e4	0.890	0.90	NO	191.86	191.86

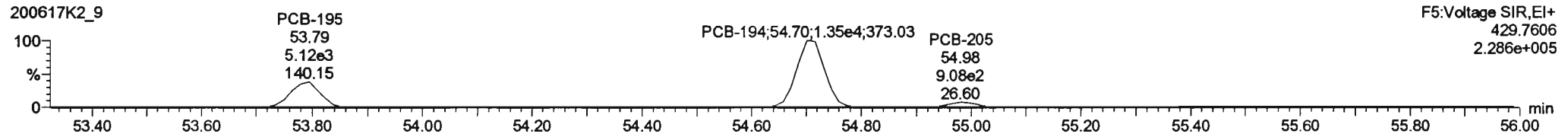
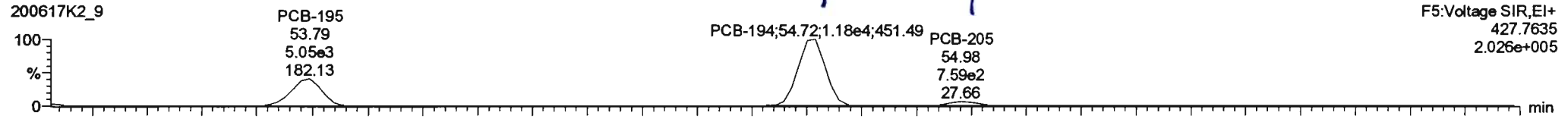


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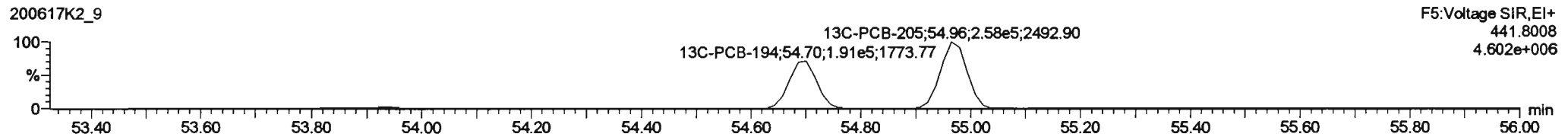
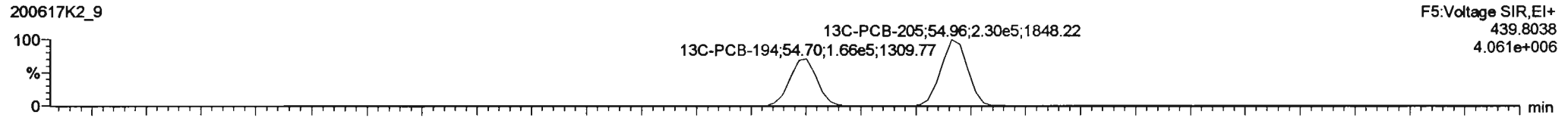
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Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

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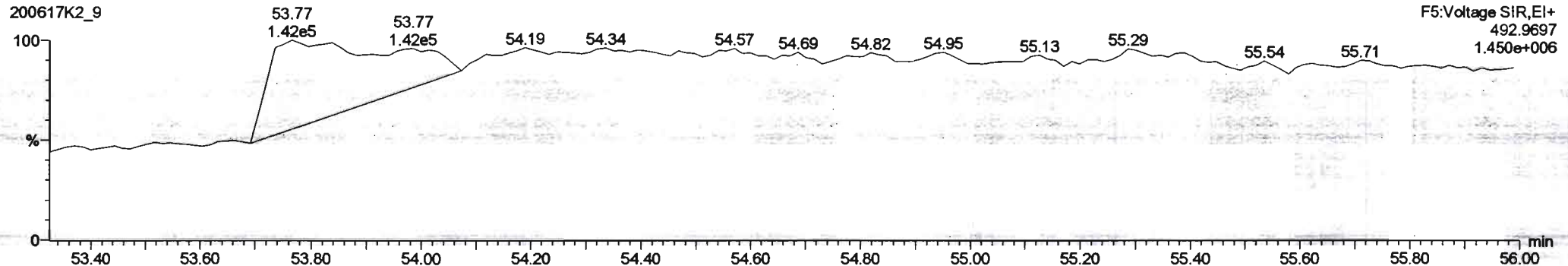
PCB-195



13C-PCB-194

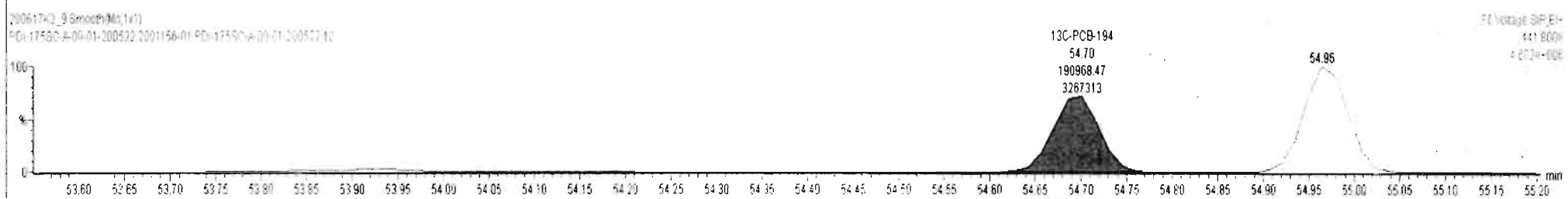
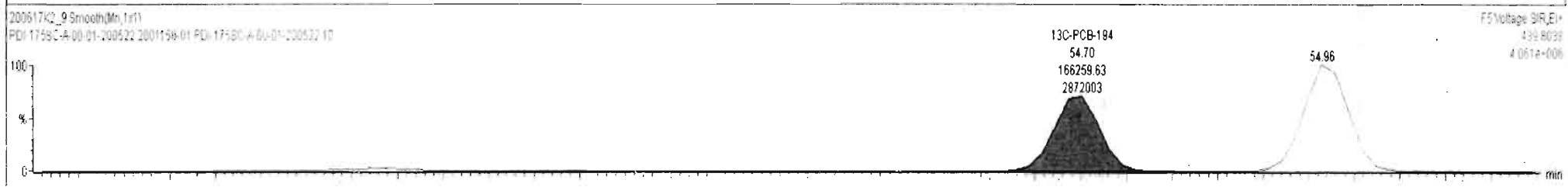
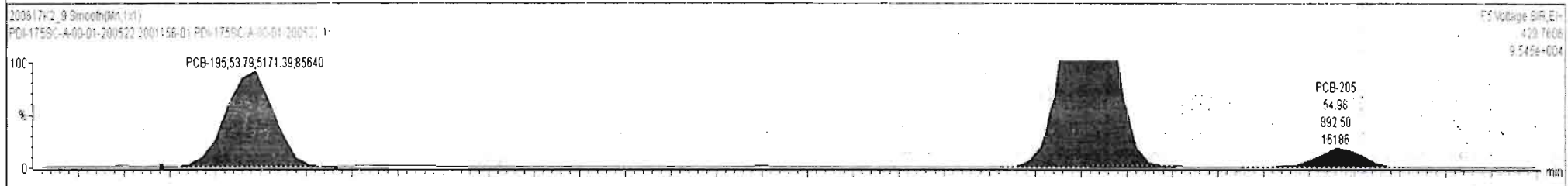
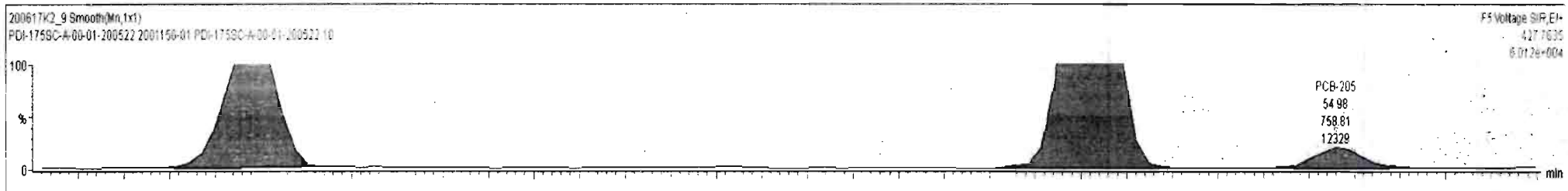


PFK5a



#	Name	Resp	RA	n/y	RRF	wtVol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
232	232 4th Function Hexa-PCBs				1.0316	5.313	0.00		0.000		NO	2234		127	2289
233	233 Total Hepta-PCBs				1.3551	5.313	0.00		0.000		NO	2392		9.90	2392
234	234 4th Function Octa-PCBs				1.0008	5.313	0.00		0.000		NO	425.9		3.38	425.9

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	162 PCB-195	53.80	53.79	5.055e3	5.171e3	0.890	0.98	NO	51.592	51.592
2	163 PCB-194	54.72	54.72	1.184e4	1.357e4	0.890	0.87	NO	119.98	119.98
3	164 PCB-205	54.98	54.98	7.588e2	8.925e2	0.890	0.85	NO	6.7484	6.7484

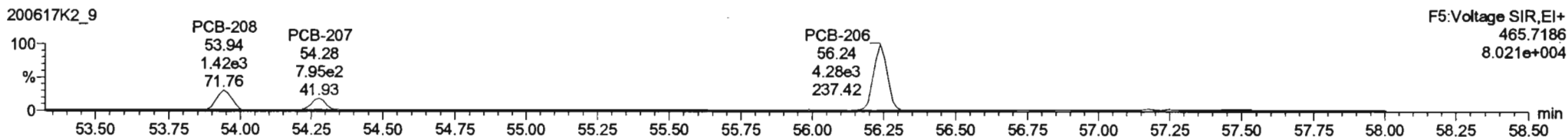
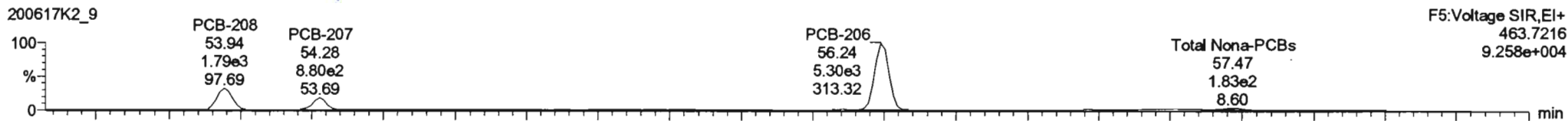


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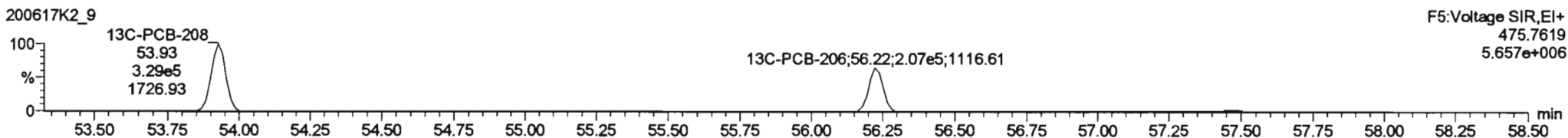
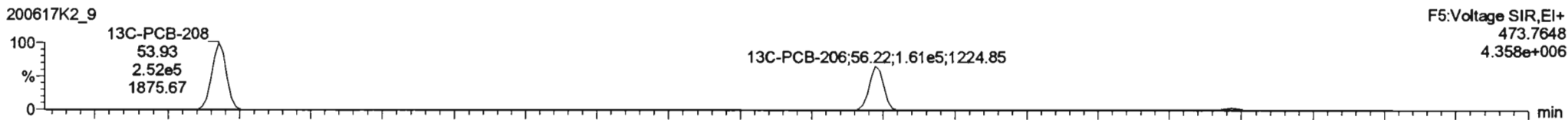
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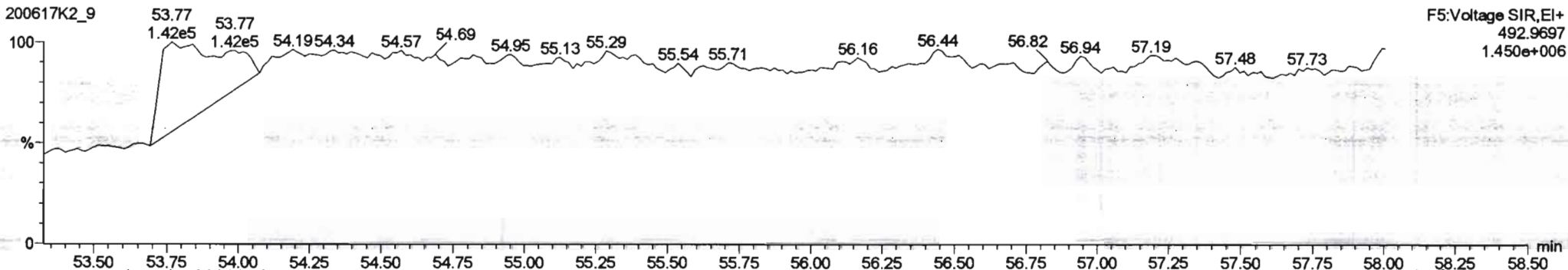
PCB-208



13C-PCB-208

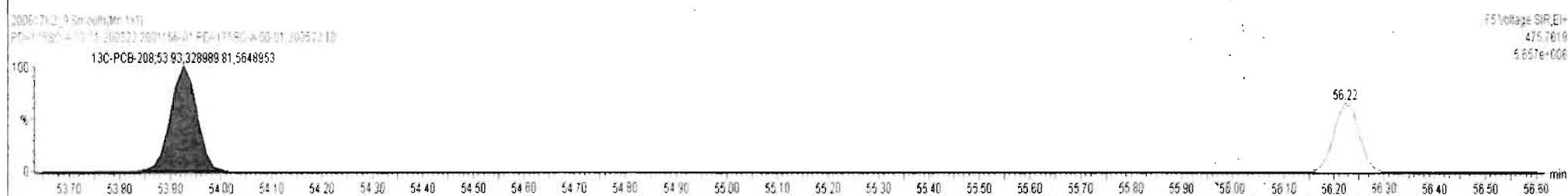
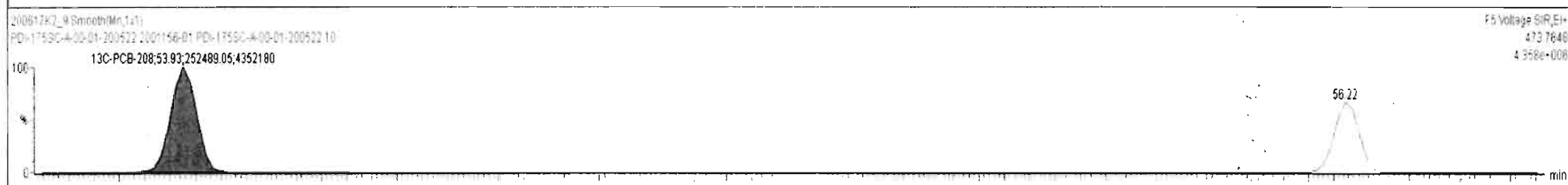
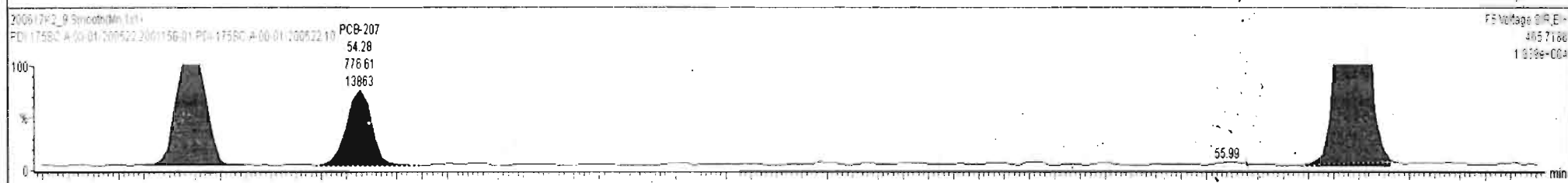
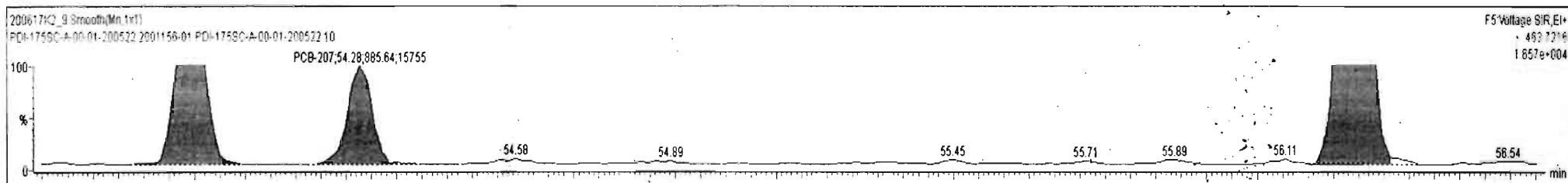


PFK5



#	Name	Resp	RA	n/y	RFf	wt/vol	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
235	235 5th Function Octa-PCBs				1.1489	5.313	0.00		0.000		NO	178.3		1.69	178.3
236	236 Total Nona-PCBs				0.9523	5.313	0.00		0.000		NO	65.69		0.868	65.69
237	237 Deca-CB				0.9364	5.313	0.00		0.000		NO	26.26		0.318	26.26

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
1	165 PCB-208	53.94	53.94	1.783e3	1.421e3	1.340	1.25	NO	11.113	11.113
2	166 PCB-207	54.26	54.28	8.856e2	7.766e2	1.340	1.14	NO	5.8724	5.8724
3	167 PCB-206	56.24	56.24	5.290e3	4.321e3	1.340	1.22	NO	48.701	48.701



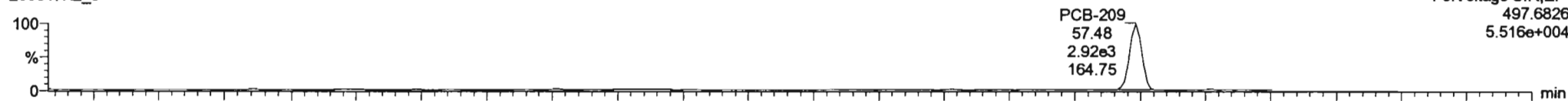
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Printed: Thursday, June 18, 2020 09:48:35 Pacific Daylight Time

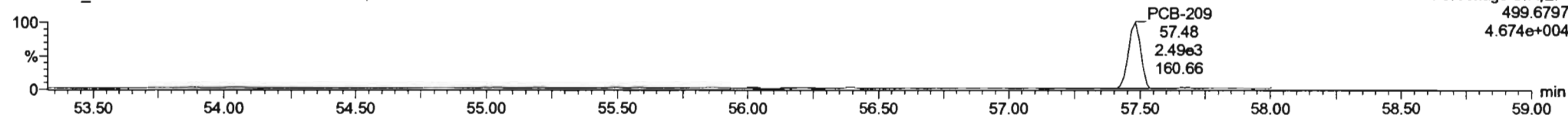
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PCB-209

200617K2_9

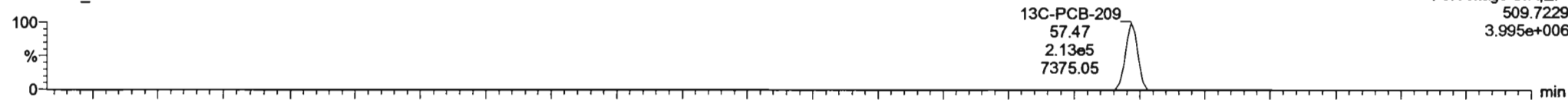


200617K2_9

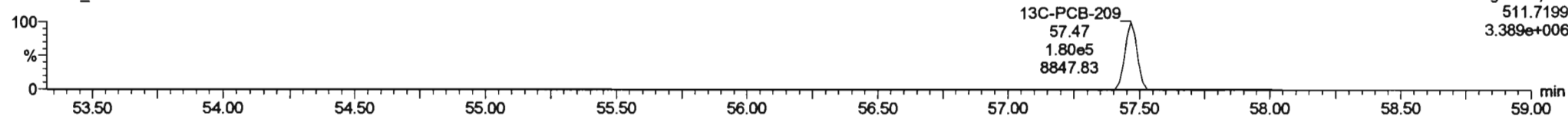


13C-PCB-209

200617K2_9

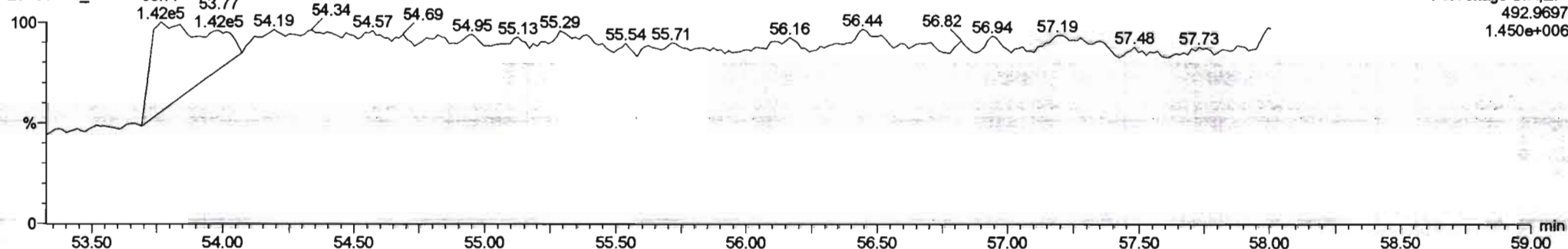


200617K2_9



PFK5b

200617K2_9



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST200617K1-1

Reviewed By: AT 06/18/2020
Initials & Date

End Calibration ID: NA

	<u>Beg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> NA
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/> NA	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<input checked="" type="checkbox"/> H	<input type="checkbox"/> H
Run Log:		
- 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 type="checkbox"/>

	<u>Beg.</u>	<u>End</u>
Mass resolution \geq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> 5k <input type="checkbox"/> 6-8K <input type="checkbox"/> 8K <input checked="" type="checkbox"/> 10K 1614 1699 429 1613/1668/8280		
Intergrated peaks display correctly?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> MA
GC Break <20%		<input checked="" type="checkbox"/> MA
8280 CS1 End Standard:		
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours		<input checked="" type="checkbox"/> MA

Comments:
 (A) 1 mass affected by column bleed

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time

Printed: Wednesday, June 17, 2020 14:48:04 Pacific Daylight Time

Hz 6-17-2020 CT 06/18/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38

Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 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	9.99e5	3.11	NO	1.17	1.000	15.50	15.50	1.001	1.001	NO	54.75	109	0.0192	54.75
2	2 PCB-2	1.02e6	3.14	NO	1.18	1.000	17.91	17.91	0.988	0.987	NO	54.32	109	0.0194	54.32
3	3 PCB-3	1.00e6	3.16	NO	1.15	1.000	18.14	18.14	1.001	1.001	NO	54.96	110	0.0199	54.96
4	4 PCB-4/10	1.44e6	1.59	NO	1.25	1.000	19.57	19.56	1.004	1.004	NO	100.5	100	0.0717	100.5
5	5 PCB-7/9	1.79e6	1.53	NO	0.960	1.000	21.36	21.37	1.003	1.003	NO	102.1	102	0.0606	102.1
6	6 PCB-6	9.35e5	1.52	NO	1.02	1.000	22.01	22.02	1.033	1.033	NO	50.09	100	0.0568	50.09
7	7 PCB-5/8	1.86e6	1.55	NO	0.992	1.000	22.42	22.43	1.052	1.053	NO	102.8	103	0.0586	102.8
8	8 PCB-14	9.48e5	1.54	NO	1.02	1.000	23.57	23.57	0.952	0.951	NO	52.88	106	0.0617	52.88
9	9 PCB-11	9.94e5	1.55	NO	1.13	1.000	24.79	24.79	1.001	1.001	NO	50.11	100	0.0557	50.11
10	10 PCB-12/13	1.87e6	1.57	NO	1.03	1.000	25.22	25.16	1.018	1.016	NO	103.4	103	0.0611	103.4
11	11 PCB-15	9.32e5	1.58	NO	1.03	1.000	25.53	25.52	1.031	1.030	NO	51.15	102	0.0607	51.15
12	12 PCB-19	5.02e5	1.03	NO	1.11	1.000	23.76	23.75	1.001	1.001	NO	55.40	111	0.0350	55.40
13	13 PCB-30	7.98e5	1.03	NO	1.79	1.000	24.66	24.66	1.039	1.039	NO	54.37	109	0.0216	54.37
14	14 PCB-18	5.43e5	1.03	NO	0.818	1.000	25.43	25.43	0.952	0.952	NO	57.74	115	0.0342	57.74
15	15 PCB-17	5.08e5	1.04	NO	0.758	1.000	25.61	25.61	0.958	0.958	NO	58.28	117	0.0369	58.28
16	16 PCB-24/27	1.42e6	1.03	NO	1.08	1.000	26.22	26.21	0.981	0.981	NO	114.5	114	0.0259	114.5
17	17 PCB-16/32	1.22e6	1.03	NO	0.925	1.000	26.74	26.74	1.001	1.001	NO	114.5	114	0.0303	114.5
18	18 PCB-34	7.93e5	1.03	NO	0.945	1.000	27.54	27.56	0.959	0.959	NO	49.64	99.3	0.0341	49.64
19	19 PCB-23	7.97e5	1.03	NO	0.883	1.000	27.64	27.65	0.962	0.962	NO	53.38	107	0.0365	53.38
20	20 PCB-29	7.84e5	1.01	NO	0.893	1.000	27.89	27.90	0.971	0.971	NO	51.93	104	0.0361	51.93
21	21 PCB-26	8.34e5	1.03	NO	0.944	1.000	28.12	28.12	0.979	0.979	NO	52.30	105	0.0341	52.30
22	22 PCB-25	8.12e5	1.06	NO	0.950	1.000	28.28	28.29	0.984	0.984	NO	50.58	101	0.0339	50.58
23	23 PCB-31	9.67e5	1.03	NO	1.04	1.000	28.64	28.66	0.997	0.997	NO	55.19	110	0.0311	55.19
24	24 PCB-28	8.40e5	1.05	NO	1.03	1.000	28.75	28.75	1.001	1.001	NO	48.48	97.0	0.0314	48.48
25	25 PCB-20/21/33	2.42e6	1.02	NO	0.941	1.000	29.39	29.38	1.023	1.023	NO	152.0	101	0.0342	152.0
26	26 PCB-22	8.46e5	1.03	NO	0.973	1.000	29.83	29.85	1.038	1.039	NO	51.44	103	0.0331	51.44
27	27 PCB-36	8.70e5	1.03	NO	1.08	1.000	30.49	30.48	0.931	0.931	NO	55.40	111	0.0349	55.40
28	28 PCB-39	7.96e5	1.03	NO	0.988	1.000	30.97	30.97	0.946	0.946	NO	55.21	110	0.0380	55.21
29	29 PCB-38	8.41e5	1.03	NO	1.05	1.000	31.77	31.77	0.970	0.970	NO	54.80	110	0.0357	54.80
30	30 PCB-35	8.39e5	1.03	NO	1.04	1.000	32.31	32.31	0.987	0.987	NO	55.05	110	0.0359	55.05
31	31 PCB-37	7.98e5	1.05	NO	1.01	1.000	32.75	32.75	1.001	1.001	NO	54.20	108	0.0372	54.20
32	32 PCB-54	6.61e5	0.77	NO	1.08	1.000	27.60	27.60	1.001	1.001	NO	55.57	111	0.0267	55.57

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:48:04 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
33	33 PCB-50	5.44e5	0.77	NO	0.880	1.000	28.79	28.81	1.044	1.045	NO	56.11	112	0.0328	56.11
34	34 PCB-53	5.00e5	0.75	NO	0.997	1.000	29.48	29.48	0.944	0.944	NO	56.91	114	0.0368	56.91
35	35 PCB-51	5.35e5	0.77	NO	1.07	1.000	29.82	29.83	0.955	0.955	NO	57.05	114	0.0344	57.05
36	36 PCB-45	4.29e5	0.77	NO	0.858	1.000	30.27	30.28	0.969	0.970	NO	56.79	114	0.0427	56.79
37	37 PCB-46	4.10e5	0.75	NO	0.831	1.000	30.76	30.78	0.985	0.986	NO	56.10	112	0.0441	56.10
38	38 PCB-52/69	1.19e6	0.78	NO	1.17	1.000	31.26	31.26	1.001	1.001	NO	115.6	116	0.0314	115.6
39	39 PCB-73	6.84e5	0.79	NO	1.44	1.000	31.38	31.39	1.005	1.005	NO	53.78	108	0.0254	53.78
40	40 PCB-43/49	1.01e6	0.77	NO	1.02	1.000	31.55	31.56	1.010	1.011	NO	113.1	113	0.0361	113.1
41	41 PCB-47	5.14e5	0.77	NO	0.922	1.000	31.77	31.77	1.001	1.001	NO	58.87	118	0.0370	58.87
42	42 PCB-48/75	1.17e6	0.78	NO	1.12	1.000	31.88	31.88	1.004	1.004	NO	110.4	110	0.0304	110.4
43	43 PCB-65	6.56e5	0.77	NO	1.28	1.000	32.15	32.16	1.013	1.013	NO	54.00	108	0.0266	54.00
44	44 PCB-62	6.07e5	0.77	NO	1.13	1.000	32.26	32.27	1.016	1.016	NO	56.84	114	0.0302	56.84
45	45 PCB-44	4.31e5	0.77	NO	0.824	1.000	32.60	32.59	1.027	1.026	NO	55.23	110	0.0414	55.23
46	46 PCB-42/59	1.09e6	0.78	NO	1.05	1.000	32.83	32.83	1.034	1.034	NO	109.2	109	0.0325	109.2
47	47 PCB-41/64/71/72	2.48e6	0.77	NO	1.19	1.000	33.43	33.42	1.053	1.053	NO	220.4	110	0.0287	220.4
48	48 PCB-68	6.60e5	0.77	NO	1.28	1.000	33.68	33.70	1.061	1.062	NO	54.48	109	0.0267	54.48
49	49 PCB-40	3.27e5	0.78	NO	0.602	1.000	33.91	33.92	1.068	1.069	NO	57.34	115	0.0566	57.34
50	50 PCB-57	6.98e5	0.78	NO	1.16	1.000	34.29	34.30	0.969	0.969	NO	56.38	113	0.0270	56.38
51	51 PCB-67	6.70e5	0.76	NO	1.08	1.000	34.61	34.61	0.978	0.978	NO	58.06	116	0.0289	58.06
52	52 PCB-58	6.98e5	0.78	NO	1.20	1.000	34.73	34.73	0.982	0.982	NO	54.45	109	0.0261	54.45
53	53 PCB-63	6.51e5	0.78	NO	1.07	1.000	34.88	34.89	0.986	0.986	NO	57.01	114	0.0293	57.01
54	54 PCB-74	7.00e5	0.77	NO	1.19	1.000	35.18	35.19	0.994	0.995	NO	55.46	111	0.0265	55.46
55	55 PCB-61/70	1.30e6	0.77	NO	1.05	1.000	35.39	35.32	1.000	0.998	NO	115.8	116	0.0298	115.8
56	56 PCB-76/66	1.38e6	0.76	NO	1.16	1.000	35.59	35.56	1.006	1.005	NO	111.5	112	0.0269	111.5
57	57 PCB-80	7.21e5	0.76	NO	1.19	1.000	35.84	35.84	1.001	1.001	NO	54.76	110	0.0258	54.76
58	58 PCB-55	7.16e5	0.77	NO	1.17	1.000	36.16	36.16	1.010	1.009	NO	55.23	110	0.0262	55.23
59	59 PCB-56/60	1.27e6	0.76	NO	1.02	1.000	36.68	36.68	1.024	1.024	NO	112.1	112	0.0301	112.1
60	60 PCB-79	6.87e5	0.78	NO	1.14	1.000	37.78	37.78	1.055	1.055	NO	54.41	109	0.0269	54.41
61	61 PCB-78	6.58e5	0.77	NO	1.14	1.000	38.50	38.50	0.987	0.987	NO	56.25	112	0.0292	56.25
62	62 PCB-81	5.77e5	0.77	NO	1.05	1.000	39.04	39.04	1.000	1.000	NO	53.50	107	0.0317	53.50
63	63 PCB-77	6.14e5	0.79	NO	1.14	1.000	39.66	39.66	1.000	1.000	NO	54.35	109	0.0300	54.35
64	64 PCB-104	3.84e5	1.62	NO	1.12	1.000	32.44	32.44	1.001	1.001	NO	57.39	115	0.0258	57.39
65	65 PCB-96	3.86e5	1.57	NO	1.15	1.000	33.76	33.74	1.041	1.041	NO	56.19	112	0.0251	56.19
66	66 PCB-103	3.03e5	1.62	NO	0.936	1.000	34.32	34.30	1.059	1.058	NO	54.38	109	0.0309	54.38
67	67 PCB-100	3.14e5	1.62	NO	0.954	1.000	34.67	34.67	1.069	1.069	NO	55.25	110	0.0303	55.25
68	68 PCB-94	2.45e5	1.58	NO	0.949	1.000	35.18	35.15	0.985	0.985	NO	54.61	109	0.0387	54.61

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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:48:04 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	FA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	9.18e5	1.57	NO	1.20	1.000	35.65	35.64	0.999	0.998	NO	161.1	107	0.0305	161.1
70	70 PCB-93	2.72e5	1.63	NO	0.935	1.000	35.77	35.79	1.002	1.003	NO	61.57	123	0.0393	61.57
71	71 PCB-88/91	5.29e5	1.58	NO	1.06	1.000	36.12	36.12	1.012	1.012	NO	105.1	105	0.0345	105.1
72	72 PCB-121	4.56e5	1.61	NO	1.71	1.000	36.21	36.21	1.015	1.015	NO	56.36	113	0.0215	56.36
73	73 PCB-84/92	5.27e5	1.59	NO	1.02	1.000	37.08	37.07	0.990	0.990	NO	115.5	116	0.0397	115.5
74	74 PCB-89	2.90e5	1.59	NO	1.11	1.000	37.25	37.26	0.995	0.995	NO	58.61	117	0.0366	58.61
75	75 PCB-90/101	5.72e5	1.58	NO	1.12	1.000	37.46	37.44	1.000	1.000	NO	113.7	114	0.0360	113.7
76	76 PCB-113	3.66e5	1.59	NO	1.51	1.000	37.70	37.70	1.007	1.007	NO	53.90	108	0.0267	53.90
77	77 PCB-99	3.51e5	1.62	NO	1.32	1.000	37.79	37.80	1.009	1.009	NO	59.31	119	0.0306	59.31
78	78 PCB-119	3.95e5	1.61	NO	1.81	1.000	38.28	38.26	0.987	0.987	NO	53.56	107	0.0242	53.56
79	79 PCB-108/112	6.72e5	1.59	NO	1.44	1.000	38.44	38.43	0.991	0.991	NO	113.9	114	0.0303	113.9
80	80 PCB-83	4.11e5	1.61	NO	1.83	1.000	38.59	38.60	0.995	0.995	NO	54.87	110	0.0239	54.87
81	81 PCB-97	2.80e5	1.62	NO	1.28	1.000	38.80	38.80	1.000	1.000	NO	53.54	107	0.0341	53.54
82	82 PCB-86	2.83e5	1.57	NO	1.12	1.000	38.95	38.95	1.004	1.004	NO	61.95	124	0.0392	61.95
83	83 PCB-87/117/125	1.03e6	1.60	NO	1.56	1.000	39.10	39.08	1.008	1.008	NO	162.5	108	0.0281	162.5
84	84 PCB-111/115	8.07e5	1.59	NO	1.91	1.000	39.25	39.25	1.012	1.012	NO	103.4	103	0.0229	103.4
85	85 PCB-85/116	6.55e5	1.58	NO	1.41	1.000	39.38	39.38	1.015	1.015	NO	113.7	114	0.0310	113.7
86	86 PCB-120	4.42e5	1.59	NO	2.01	1.000	39.64	39.62	1.022	1.022	NO	53.96	108	0.0218	53.96
87	87 PCB-110	3.98e5	1.58	NO	1.74	1.000	39.77	39.77	1.026	1.025	NO	55.97	112	0.0251	55.97
88	88 PCB-82	2.42e5	1.62	NO	0.781	1.000	40.43	40.42	0.976	0.976	NO	58.96	118	0.0437	58.96
89	89 PCB-124	3.91e5	1.57	NO	1.40	1.000	41.13	41.13	0.993	0.993	NO	53.17	106	0.0244	53.17
90	90 PCB-107/109	7.95e5	1.58	NO	1.34	1.000	41.28	41.28	0.996	0.996	NO	112.7	113	0.0254	112.7
91	91 PCB-123	3.56e5	1.57	NO	1.20	1.000	41.45	41.44	1.000	1.000	NO	56.52	113	0.0285	56.52
92	92 PCB-106/118	7.75e5	1.60	NO	1.22	1.000	41.65	41.67	1.001	1.001	NO	115.6	116	0.0266	115.6
93	93 PCB-114	6.03e5	1.56	NO	1.14	1.000	42.31	42.30	1.000	1.000	NO	51.69	103	0.0347	51.69
94	94 PCB-122	5.38e5	1.57	NO	0.944	1.000	42.45	42.46	1.004	1.004	NO	55.71	111	0.0419	55.71
95	95 PCB-105	5.65e5	1.57	NO	1.05	1.000	43.19	43.19	1.000	1.000	NO	52.07	104	0.0367	52.07
96	96 PCB-127	5.96e5	1.58	NO	1.06	1.000	43.55	43.55	1.000	1.000	NO	53.57	107	0.0366	53.57
97	97 PCB-126	5.91e5	1.56	NO	1.17	1.000	45.51	45.51	1.000	1.000	NO	53.19	106	0.0367	53.19
98	98 PCB-155	1.62e5	1.33	NO	1.04	1.000	36.98	36.98	1.000	1.001	NO	55.57	111	0.0213	55.57
99	99 PCB-150	1.65e5	1.33	NO	1.08	1.000	38.30	38.28	1.036	1.036	NO	54.34	109	0.0205	54.34
100	1... PCB-152	1.84e5	1.30	NO	1.19	1.000	38.78	38.78	1.049	1.049	NO	55.28	111	0.0188	55.28
101	1... PCB-145	1.83e5	1.30	NO	1.19	1.000	39.25	39.23	1.062	1.061	NO	54.93	110	0.0187	54.93
102	1... PCB-136	1.68e5	1.35	NO	1.02	1.000	39.58	39.56	1.071	1.070	NO	58.63	117	0.0218	58.63
103	1... PCB-148	1.22e5	1.32	NO	0.842	1.000	39.69	39.68	1.074	1.074	NO	51.94	104	0.0264	51.94
104	1... PCB-154	1.40e5	1.34	NO	0.919	1.000	40.20	40.20	1.088	1.088	NO	54.45	109	0.0242	54.45

25-1251

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time
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Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	rv/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	1.26e5	1.35	NO	0.787	1.000	40.86	40.85	1.105	1.105	NO	57.42	115	0.0283	57.42
106	1... PCB-135	1.31e5	1.34	NO	0.922	1.000	41.07	41.07	1.111	1.111	NO	50.81	102	0.0241	50.81
107	1... PCB-144	1.29e5	1.33	NO	0.789	1.000	41.18	41.18	1.114	1.114	NO	58.47	117	0.0282	58.47
108	1... PCB-147	1.27e5	1.31	NO	0.834	1.000	41.31	41.31	1.118	1.118	NO	54.39	109	0.0267	54.39
109	1... PCB-139/149	2.84e5	1.30	NO	0.948	1.000	41.60	41.59	1.125	1.125	NO	106.9	107	0.0235	106.9
110	1... PCB-140	1.21e5	1.34	NO	0.794	1.000	41.78	41.78	1.130	1.130	NO	54.39	109	0.0280	54.39
111	1... PCB-134/143	7.12e5	1.24	NO	0.759	1.000	42.26	42.25	0.975	0.975	NO	113.4	113	0.0560	113.4
112	1... PCB-131/133	7.63e5	1.26	NO	0.821	1.000	42.56	42.55	0.982	0.982	NO	112.3	112	0.0518	112.3
113	1... PCB-142	3.54e5	1.30	NO	0.754	1.000	42.70	42.70	0.985	0.985	NO	56.67	113	0.0564	56.67
114	1... PCB-146/165	9.22e5	1.27	NO	1.02	1.000	42.95	42.95	0.991	0.991	NO	109.6	110	0.0418	109.6
115	1... PCB-132/161	9.11e5	1.27	NO	1.02	1.000	43.18	43.18	0.996	0.996	NO	107.5	107	0.0415	107.5
116	1... PCB-153	4.86e5	1.26	NO	1.07	1.000	43.36	43.37	1.000	1.000	NO	54.86	110	0.0397	54.86
117	1... PCB-168	4.84e5	1.26	NO	1.08	1.000	43.59	43.59	1.006	1.006	NO	54.29	109	0.0395	54.29
118	1... PCB-141	3.84e5	1.24	NO	1.03	1.000	44.12	44.12	1.000	1.000	NO	54.42	109	0.0504	54.42
119	1... PCB-137	3.96e5	1.24	NO	1.11	1.000	44.52	44.52	1.010	1.009	NO	51.81	104	0.0466	51.81
120	1... PCB-130	3.47e5	1.26	NO	0.885	1.000	44.62	44.63	1.012	1.012	NO	56.90	114	0.0584	56.90
121	1... PCB-138/163/164	1.50e6	1.25	NO	1.28	1.000	45.01	45.03	1.001	1.001	NO	162.0	108	0.0383	162.0
122	1... PCB-158/160	9.76e5	1.26	NO	1.24	1.000	45.26	45.26	1.006	1.006	NO	109.1	109	0.0397	109.1
123	1... PCB-129	3.24e5	1.26	NO	0.867	1.000	45.52	45.53	1.012	1.012	NO	51.87	104	0.0568	51.87
124	1... PCB-166	5.40e5	1.26	NO	1.14	1.000	45.99	45.98	0.993	0.993	NO	55.06	110	0.0368	55.06
125	1... PCB-159	5.65e5	1.26	NO	1.22	1.000	46.32	46.32	1.000	1.000	NO	54.06	108	0.0346	54.06
126	1... PCB-128/162	8.52e5	1.22	NO	0.907	1.000	46.61	46.62	1.007	1.007	NO	109.3	109	0.0464	109.3
127	1... PCB-167	5.24e5	1.24	NO	1.11	1.000	47.02	47.02	1.000	1.000	NO	53.96	108	0.0372	53.96
128	1... PCB-156	5.12e5	1.25	NO	1.13	1.000	48.37	48.37	1.000	1.000	NO	54.14	108	0.0392	54.14
129	1... PCB-157	4.65e5	1.26	NO	1.04	1.000	48.65	48.63	1.001	1.000	NO	54.04	108	0.0420	54.04
130	1... PCB-169	4.84e5	1.25	NO	1.16	1.000	50.91	50.91	1.000	1.000	NO	54.10	108	0.0417	54.10
131	1... PCB-188	3.97e5	1.04	NO	1.29	1.000	43.01	42.99	1.001	1.000	NO	53.62	107	0.0494	53.62
132	1... PCB-184	3.91e5	1.05	NO	1.23	1.000	43.44	43.44	1.011	1.011	NO	55.34	111	0.0517	55.34
133	1... PCB-179	3.94e5	1.04	NO	1.30	1.000	44.26	44.26	1.030	1.030	NO	52.82	106	0.0491	52.82
134	1... PCB-176	3.99e5	1.04	NO	1.31	1.000	44.72	44.73	1.041	1.041	NO	53.11	106	0.0487	53.11
135	1... PCB-186	4.24e5	1.04	NO	1.33	1.000	45.35	45.35	1.055	1.056	NO	55.51	111	0.0480	55.51
136	1... PCB-178	2.89e5	1.02	NO	0.943	1.000	45.87	45.87	1.067	1.067	NO	53.36	107	0.0676	53.36
137	1... PCB-175	2.92e5	1.02	NO	0.956	1.000	46.22	46.23	1.076	1.076	NO	53.14	106	0.0666	53.14
138	1... PCB-182/187	6.51e5	1.04	NO	1.07	1.000	46.40	46.42	1.080	1.080	NO	106.4	106	0.0598	106.4
139	1... PCB-183	3.19e5	1.04	NO	1.02	1.000	46.74	46.74	1.088	1.088	NO	54.28	109	0.0623	54.28
140	1... PCB-185	2.96e5	1.03	NO	1.41	1.000	47.42	47.42	0.955	0.955	NO	54.50	109	0.0692	54.50

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Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time

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Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	2.67e5	1.02	NO	1.35	1.000	47.81	47.80	0.962	0.962	NO	51.01	102	0.0718	51.01
142	1... PCB-181	3.22e5	1.05	NO	1.47	1.000	47.90	47.89	0.964	0.964	NO	56.44	113	0.0660	56.44
143	1... PCB-177	2.66e5	1.04	NO	1.28	1.000	48.06	48.06	0.968	0.968	NO	53.75	108	0.0761	53.75
144	1... PCB-171	2.74e5	1.06	NO	1.32	1.000	48.36	48.37	0.974	0.974	NO	53.76	108	0.0739	53.76
145	1... PCB-173	2.52e5	1.04	NO	1.19	1.000	48.80	48.80	0.983	0.982	NO	54.85	110	0.0817	54.85
146	1... PCB-172	2.90e5	1.07	NO	1.38	1.000	49.28	49.28	0.992	0.992	NO	54.47	109	0.0707	54.47
147	1... PCB-192	3.75e5	1.05	NO	1.83	1.000	49.47	49.47	0.996	0.996	NO	53.11	106	0.0532	53.11
148	1... PCB-180	2.98e5	1.07	NO	1.41	1.000	49.69	49.69	1.000	1.000	NO	54.60	109	0.0689	54.60
149	1... PCB-193	3.45e5	1.09	NO	1.68	1.000	49.90	49.90	1.005	1.005	NO	53.14	106	0.0580	53.14
150	1... PCB-191	3.52e5	1.04	NO	1.71	1.000	50.17	50.17	1.010	1.010	NO	53.18	106	0.0569	53.18
151	1... PCB-170	2.54e5	1.05	NO	1.40	1.000	51.36	51.36	1.000	1.000	NO	53.06	106	0.0791	53.06
152	1... PCB-190	3.47e5	1.05	NO	1.85	1.000	51.55	51.55	1.004	1.004	NO	54.90	110	0.0599	54.90
153	1... PCB-189	3.45e5	1.04	NO	1.45	1.000	53.09	53.08	1.000	1.000	NO	54.74	109	0.0532	54.74
154	1... PCB-202	2.18e5	0.91	NO	1.17	1.000	48.60	48.58	1.001	1.000	NO	55.28	111	0.0349	55.28
155	1... PCB-201	2.05e5	0.93	NO	1.05	1.000	49.09	49.09	1.011	1.011	NO	57.71	115	0.0387	57.71
156	1... PCB-204	2.18e5	0.93	NO	1.14	1.000	49.23	49.24	1.014	1.014	NO	56.56	113	0.0358	56.56
157	1... PCB-197	2.16e5	0.92	NO	1.13	1.000	49.55	49.56	1.020	1.021	NO	56.53	113	0.0360	56.53
158	1... PCB-200	2.06e5	0.93	NO	1.07	1.000	50.48	50.49	1.040	1.040	NO	57.01	114	0.0381	57.01
159	1... PCB-198	1.66e5	0.91	NO	0.794	1.000	52.06	52.06	1.072	1.072	NO	61.88	124	0.0514	61.88
160	1... PCB-199	1.56e5	0.93	NO	0.809	1.000	52.16	52.17	1.074	1.075	NO	57.17	114	0.0504	57.17
161	1... PCB-196/203	3.28e5	0.93	NO	0.838	1.000	52.48	52.48	1.081	1.081	NO	115.9	116	0.0487	115.9
162	1... PCB-195	3.10e5	0.89	NO	1.04	1.000	53.78	53.78	0.984	0.983	NO	51.93	104	0.0615	51.93
163	1... PCB-194	3.20e5	0.89	NO	1.12	1.000	54.70	54.70	1.000	1.000	NO	50.20	100	0.0576	50.20
164	1... PCB-205	3.76e5	0.89	NO	1.29	1.000	54.97	54.98	1.005	1.005	NO	50.98	102	0.0498	50.98
165	1... PCB-208	3.66e5	1.33	NO	0.933	1.000	53.93	53.94	1.000	1.001	NO	53.39	107	0.0554	53.39
166	1... PCB-207	3.59e5	1.34	NO	0.916	1.000	54.25	54.26	1.006	1.007	NO	53.38	107	0.0564	53.38
167	1... PCB-206	2.55e5	1.32	NO	1.01	1.000	56.24	56.22	1.000	1.000	NO	53.02	106	0.0764	53.02
168	1... PCB-209	2.21e5	1.21	NO	0.986	1.000	57.45	57.47	1.000	1.000	NO	53.88	108	0.0248	53.88
169	1... 13C-PCB-1	1.56e6	3.35	NO	0.893	1.000	15.50	15.49	0.608	0.607	NO	96.91	96.9	0.0894	96.9
170	1... 13C-PCB-3	1.59e6	3.25	NO	0.911	1.000	18.14	18.13	0.712	0.711	NO	96.43	96.4	0.0877	96.4
171	1... 13C-PCB-4	1.15e6	1.56	NO	0.600	1.000	19.49	19.49	0.765	0.765	NO	106.4	106	0.0560	106.4
172	1... 13C-PCB-9	1.82e6	1.61	NO	0.970	1.000	21.32	21.31	0.836	0.836	NO	104.2	104	0.0347	104.2
173	1... 13C-PCB-11	1.76e6	1.60	NO	0.962	1.000	24.76	24.77	0.971	0.972	NO	101.5	102	0.0349	101.5
174	1... 13C-PCB-19	8.19e5	1.04	NO	0.499	1.000	23.73	23.73	0.931	0.931	NO	90.93	90.9	0.439	90.93
175	1... 13C-PCB-32	1.15e6	1.06	NO	0.744	1.000	26.71	26.72	1.048	1.048	NO	85.59	85.6	0.294	85.59
176	1... 13C-PCB-28	1.69e6	1.04	NO	1.06	1.000	28.75	28.73	1.004	1.003	NO	105.3	105	0.334	105.3

Handwritten notes: 751757, 52-1457, and a circled 'D'.

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time

Printed: Wednesday, June 17, 2020 14:48:04 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 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
177	1... 13C-PCB-37	1.46e6	1.06	NO	0.989	1.000	32.73	32.73	1.143	1.143	NO	97.80	97.8	0.359	
178	1... 13C-PCB-54	1.10e6	0.79	NO	0.999	1.000	27.61	27.58	0.753	0.752	NO	101.3	101	0.104	
179	1... 13C-PCB-52	8.81e5	0.78	NO	0.804	1.000	31.24	31.23	0.852	0.852	NO	100.6	101	0.129	
180	1... 13C-PCB-47	9.47e5	0.77	NO	0.857	1.000	31.76	31.75	0.866	0.866	NO	101.5	102	0.121	
181	1... 13C-PCB-70	1.06e6	0.81	NO	0.996	1.000	35.39	35.38	0.965	0.965	NO	98.21	98.2	0.104	
182	1... 13C-PCB-80	1.11e6	0.80	NO	1.03	1.000	35.82	35.82	0.977	0.977	NO	99.06	99.1	0.101	
183	1... 13C-PCB-81	1.03e6	0.79	NO	0.988	1.000	39.03	39.02	1.064	1.064	NO	95.75	95.8	0.105	
184	1... 13C-PCB-77	9.93e5	0.78	NO	0.969	1.000	39.64	39.64	1.081	1.081	NO	94.17	94.2	0.107	
185	1... 13C-PCB-104	5.96e5	1.63	NO	1.02	1.000	32.44	32.42	0.827	0.826	NO	101.5	101	0.0437	
186	1... 13C-PCB-95	4.73e5	1.65	NO	0.805	1.000	35.69	35.69	0.910	0.910	NO	101.8	102	0.0552	
187	1... 13C-PCB-101	4.48e5	1.64	NO	0.793	1.000	37.44	37.44	0.954	0.954	NO	97.90	97.9	0.0561	
188	1... 13C-PCB-97	4.08e5	1.68	NO	0.696	1.000	38.78	38.78	0.989	0.989	NO	101.6	102	0.0638	
189	1... 13C-PCB-123	5.26e5	1.60	NO	0.933	1.000	41.42	41.42	1.056	1.056	NO	97.61	97.6	0.0477	
190	1... 13C-PCB-118	5.49e5	1.60	NO	0.986	1.000	41.61	41.61	1.061	1.061	NO	96.53	96.5	0.0451	
191	1... 13C-PCB-114	1.02e6	1.57	NO	1.55	1.000	42.29	42.29	0.908	0.908	NO	107.0	107	0.0624	
192	1... 13C-PCB-105	1.03e6	1.55	NO	1.57	1.000	43.17	43.18	0.927	0.927	NO	106.2	106	0.0614	
193	1... 13C-PCB-127	1.05e6	1.60	NO	1.62	1.000	43.53	43.54	0.934	0.935	NO	104.7	105	0.0594	
194	1... 13C-PCB-126	9.47e5	1.60	NO	1.57	1.000	45.49	45.49	0.976	0.976	NO	97.76	97.8	0.0615	
195	1... 13C-PCB-155	2.80e5	1.27	NO	0.615	1.000	36.96	36.96	0.942	0.942	NO	78.86	78.9	0.0336	
196	1... 13C-PCB-153	8.27e5	1.27	NO	1.36	1.000	43.34	43.35	0.930	0.930	NO	98.10	98.1	0.0584	
197	1... 13C-PCB-141	6.88e5	1.28	NO	1.13	1.000	44.11	44.10	0.947	0.947	NO	98.74	98.7	0.0706	
198	1... 13C-PCB-138	7.22e5	1.24	NO	1.18	1.000	44.97	44.98	0.965	0.965	NO	98.57	98.6	0.0672	
199	1... 13C-PCB-159	8.58e5	1.27	NO	1.44	1.000	46.30	46.30	0.994	0.994	NO	96.51	96.5	0.0553	
200	2... 13C-PCB-167	8.76e5	1.25	NO	1.44	1.000	47.01	47.00	1.009	1.009	NO	98.43	98.4	0.0553	
201	2... 13C-PCB-156	8.39e5	1.28	NO	1.40	1.000	48.32	48.35	1.037	1.038	NO	97.22	97.2	0.0570	
202	2... 13C-PCB-157	8.29e5	1.27	NO	1.40	1.000	48.61	48.61	1.043	1.044	NO	96.00	96.0	0.0570	
203	2... 13C-PCB-169	7.72e5	1.28	NO	1.33	1.000	50.89	50.89	1.092	1.092	NO	93.90	93.9	0.0598	
204	2... 13C-PCB-188	5.74e5	0.46	NO	1.41	1.000	42.96	42.97	0.926	0.926	NO	100.5	101	0.0622	
205	2... 13C-PCB-180	3.87e5	0.46	NO	0.929	1.000	49.65	49.67	1.070	1.071	NO	102.7	103	0.0943	
206	2... 13C-PCB-170	3.41e5	0.46	NO	0.794	1.000	51.32	51.34	1.106	1.107	NO	106.0	106	0.110	
207	2... 13C-PCB-189	4.34e5	0.47	NO	1.04	1.000	53.07	53.07	1.144	1.144	NO	102.6	103	0.0839	
208	2... 13C-PCB-202	3.38e5	0.93	NO	1.04	1.000	48.55	48.56	1.046	1.047	NO	80.43	80.4	0.0578	
209	2... 13C-PCB-194	5.72e5	0.87	NO	0.768	1.000	54.71	54.69	0.995	0.995	NO	97.31	97.3	0.0929	
210	2... 13C-PCB-208	7.34e5	0.80	NO	0.991	1.000	53.93	53.91	0.981	0.981	NO	96.77	96.8	0.0829	
211	2... 13C-PCB-206	4.77e5	0.75	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	112.9	113	0.149	
212	2... 13C-PCB-209	4.16e5	1.20	NO	0.396	1.000	57.48	57.45	1.046	1.045	NO	136.9	137	0.0308	

SD-1151

Dataset: U:\VG11.PRO\Results\200617K1\200617K1-1.qld

Last Altered: Wednesday, June 17, 2020 14:47:22 Pacific Daylight Time

Printed: Wednesday, June 17, 2020 14:48:04 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
213	2... 13C-PCB-15	1.80e6	1.59	NO	1.00	1.000	25.51	25.49	1.000	0.000	NO	100.0	100	0.0336	
214	2... 13C-PCB-31	1.51e6	1.04	NO	1.00	1.000	28.64	28.64	1.000	0.000	NO	100.0	100	0.355	
215	2... 13C-PCB-60	1.09e6	0.80	NO	1.00	1.000	36.66	36.66	1.000	0.000	NO	100.0	100	0.104	
216	2... 13C-PCB-111	5.77e5	1.67	NO	1.00	1.000	39.23	39.23	1.000	0.000	NO	100.0	100	0.0445	
217	2... 13C-PCB-128	6.18e5	1.29	NO	1.00	1.000	46.59	46.59	1.000	0.000	NO	100.0	100	0.0797	
218	2... 13C-PCB-182	4.05e5	0.47	NO	1.00	1.000	46.40	46.40	0.000	0.000	NO	100.0	100	0.0876	
219	2... 13C-PCB-205	7.65e5	0.90	NO	1.00	1.000	54.97	54.96	1.000	0.000	NO	100.0	100	0.0714	
220	2... 13C-PCB-79	1.13e6	0.80	NO	1.07	1.000	37.76	37.76	1.030	1.030	NO	96.94	96.9	0.0972	75/125/1
221	2... 13C-PCB-178	3.93e5	0.44	NO	0.766	1.000	45.84	45.85	0.988	0.988	NO	83.06	83.1	0.0737	
222	2... 13C-PCB-79	1.13e6	0.80	NO	1.08	1.000	37.76	37.76	0.968	0.968	NO	101.2	101	0.105	
223	2... 13C-PCB-178	3.93e5	0.44	NO	1.05	1.000	45.85	45.85	0.923	0.923	NO	96.82	96.8	0.0857	

Dataset: Untitled

Last Altered: Thursday, June 18, 2020 08:02:45 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:04:29 Pacific Daylight Time

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

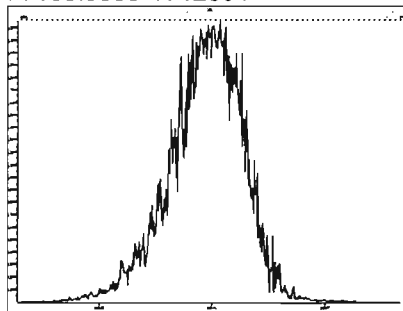
Compound name: PCB-209

	Name	ID	Acq Date	Acq Time
1	200617K1_1	ST200617K1-1 PCB 209 CS3 19G2609	17-Jun-20	13:13:13
2	200617K1_2	B0F0004-BS1 OPR 10	17-Jun-20	14:16:40
3	200617K1_3	SOLVENT BLANK	17-Jun-20	15:17:34
4	200617K1_4	B0F0004-BLK1 Method Blank 10	17-Jun-20	16:18:31
5	200617K1_5	B0F0004-DUP1 Duplicate 10	17-Jun-20	17:21:54
6	200617K1_6	B0F0004-DUP2 Duplicate 10	17-Jun-20	18:22:45
7	200617K1_7	2001133-01 PDI-166SC-A-00-01-200520 10	17-Jun-20	19:23:00
8	200617K1_8	2001133-02 PDI-168SC-A-00-01-200520 10	17-Jun-20	20:23:51
9	200617K1_9	2001133-03 PDI-172SC-A-00-01-200520 10	17-Jun-20	21:23:17
10	200617K1_10	2001154-01 PDI-171SC-A-00-01-200521 10	17-Jun-20	22:25:35
11	200617K1_11	2001154-02 PDI-173SC-A-00-01-200521 10	17-Jun-20	23:26:05

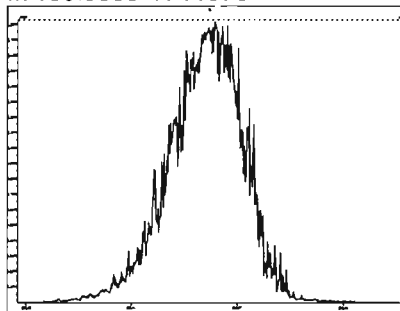
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Printed: Wednesday, June 17, 2020 13:08:34 Pacific Daylight Time

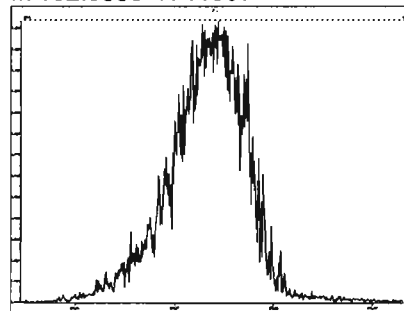
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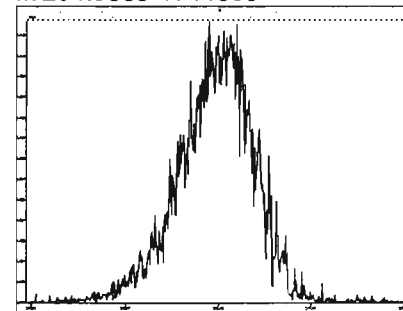
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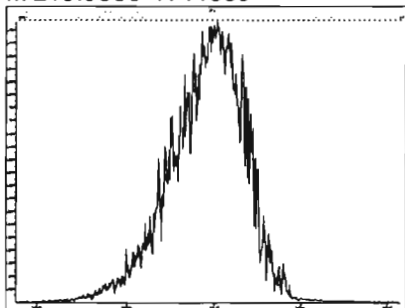
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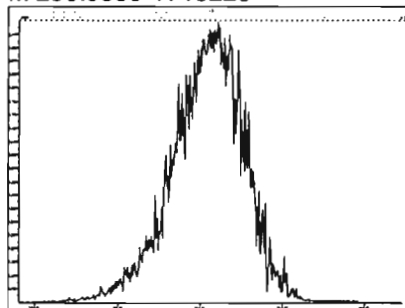
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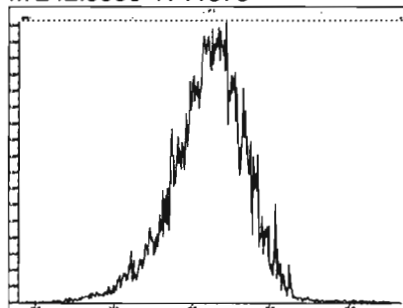
M 218.9856 R 11959



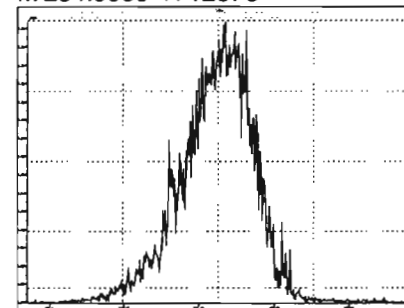
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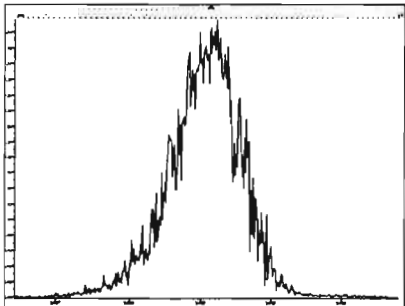
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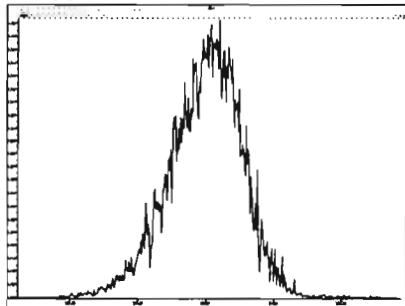
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M 280.9824 R 11791



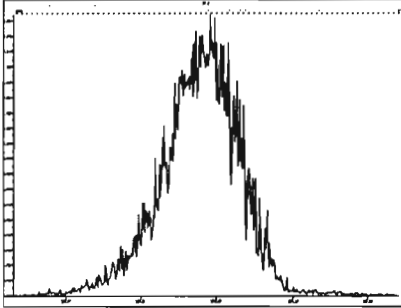
Experiment Calibration Report

MassLynx 4.1 SCN815

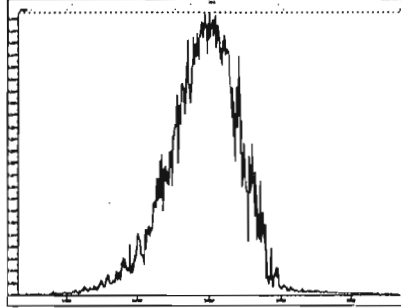
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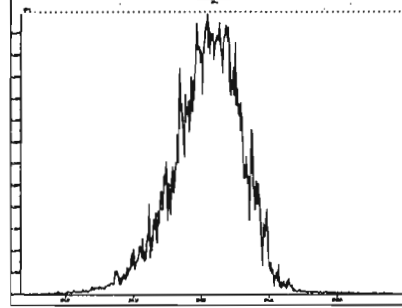
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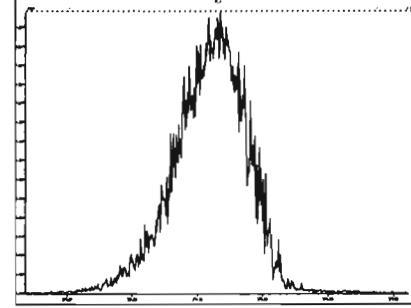
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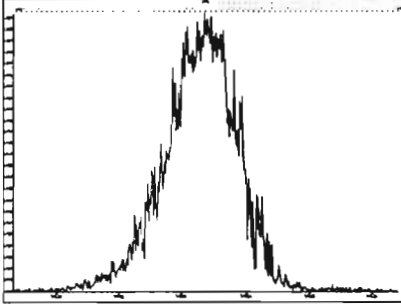
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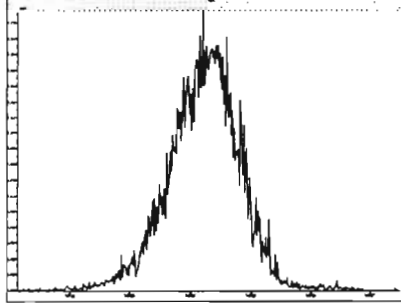
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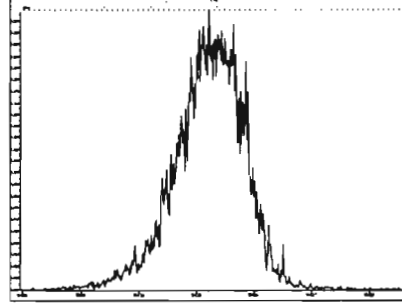
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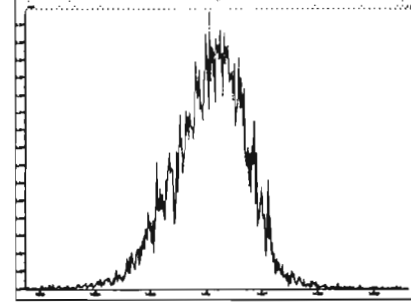
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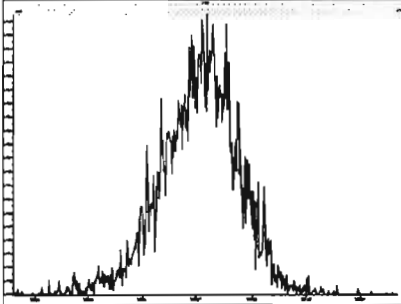
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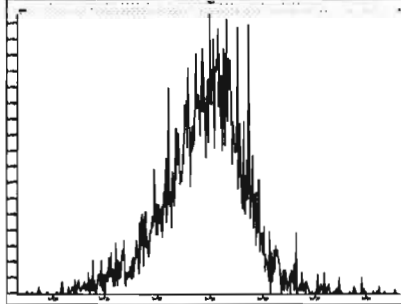
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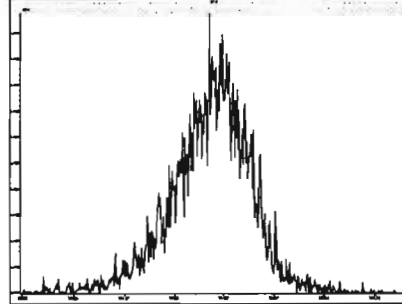
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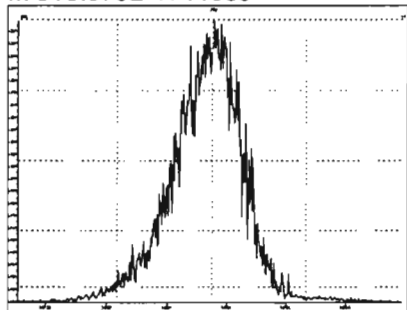
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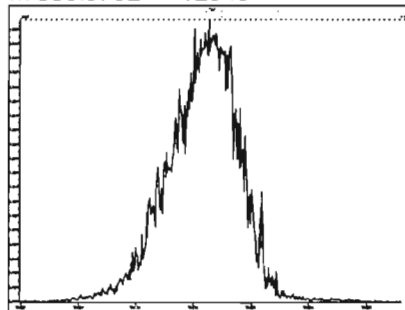
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Printed: Wednesday, June 17, 2020 13:10:17 Pacific Daylight Time

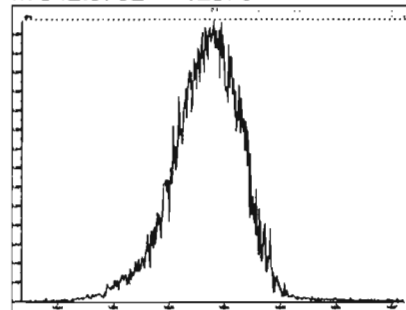
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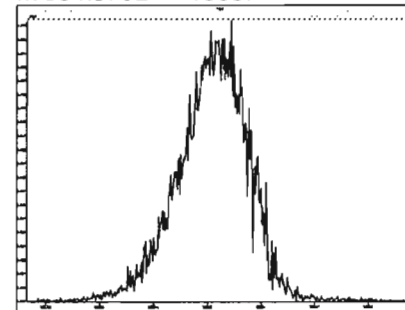
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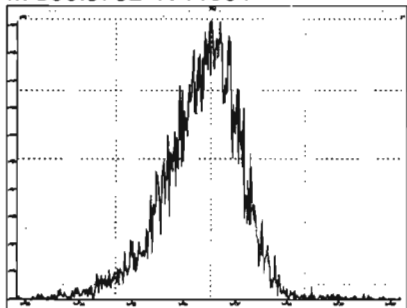
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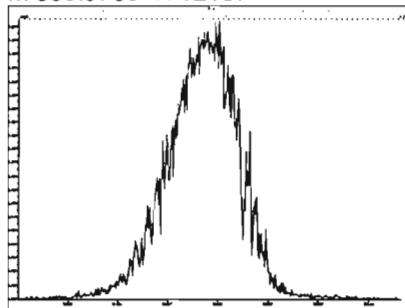
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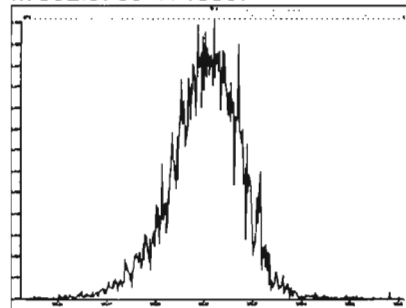
M 366.9792 R 11964



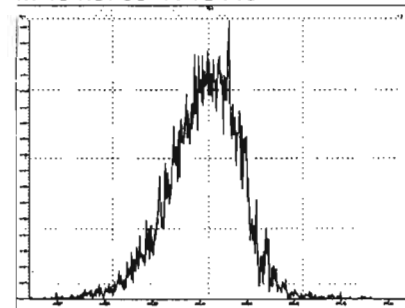
M 380.9760 R 12137



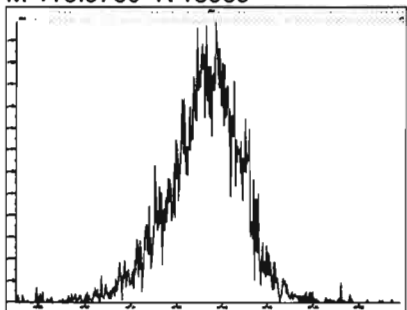
M 392.9760 R 13807



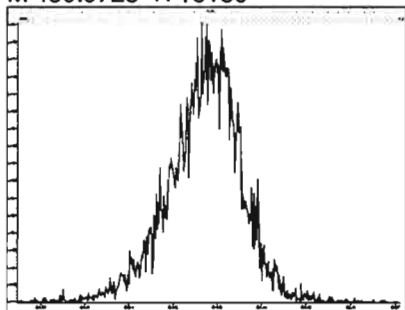
M 404.9760 R 13445



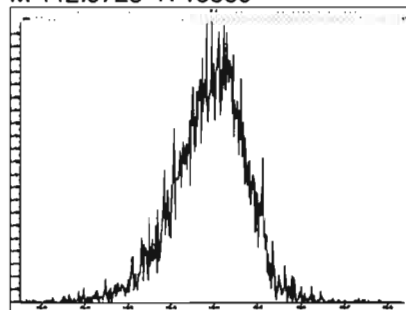
M 416.9760 R 13969



M 430.9728 R 13159



M 442.9728 R 13889



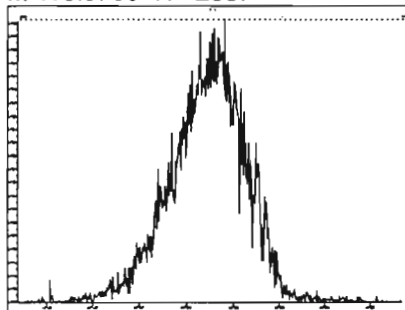
Experiment Calibration Report

MassLynx 4.1 SCN815

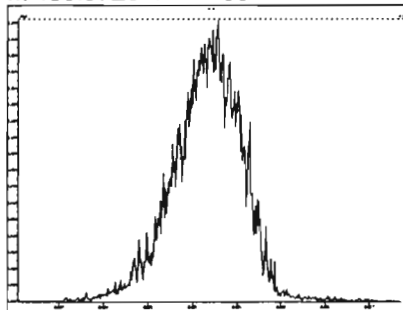
File: Experiment: PCB_ZB1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Wednesday, June 17, 2020 13:10:46 Pacific Daylight Time

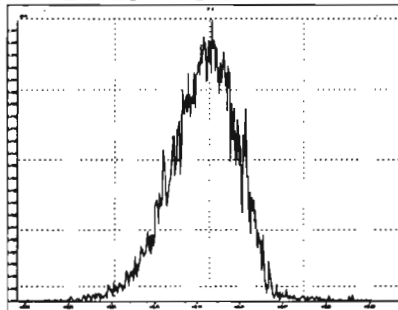
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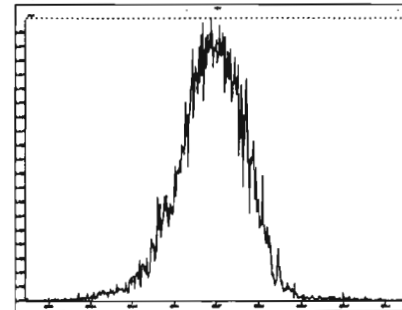
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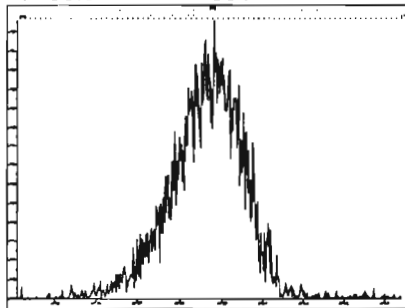
M 442.9728 R 13157



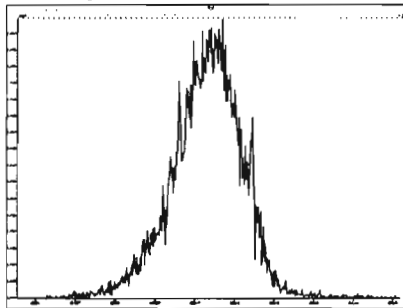
M 454.9728 R 12951



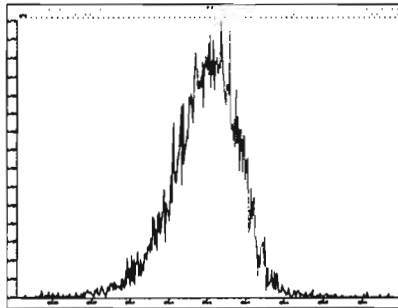
M 466.9728 R 12691



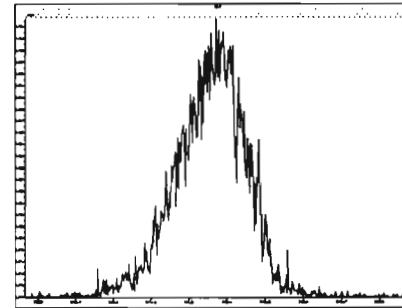
M 480.9696 R 13298



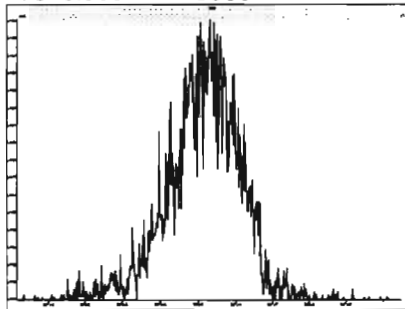
M 492.9696 R 13966



M 504.9696 R 13226



M 516.9697 R 15530



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Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time

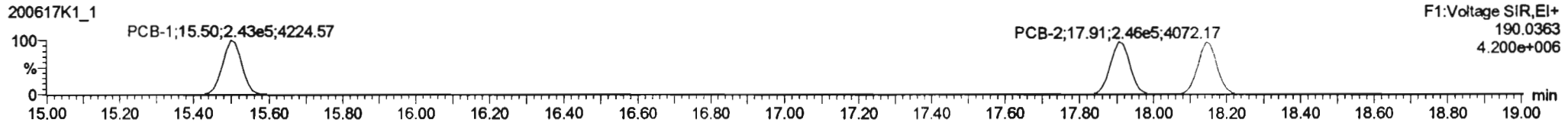
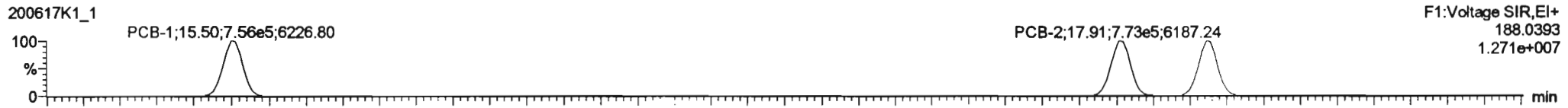
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Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38

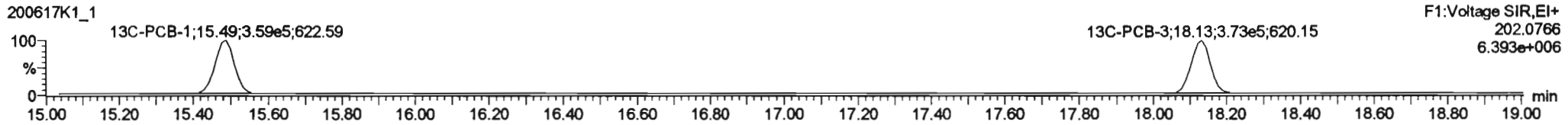
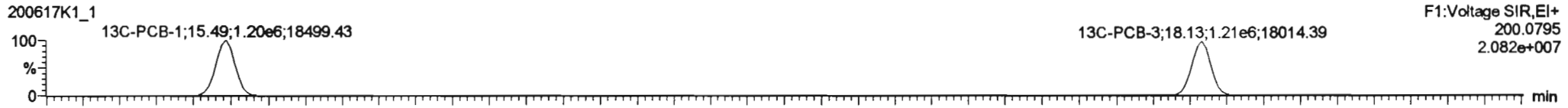
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

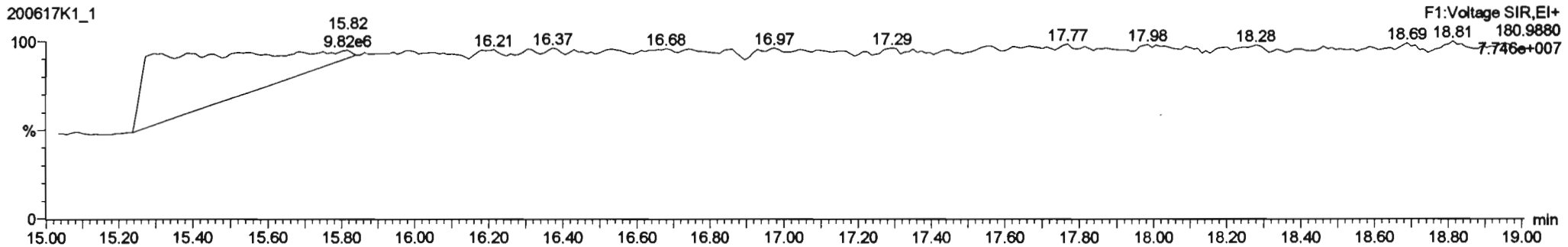
PCB-1



13C-PCB-1



PFK1

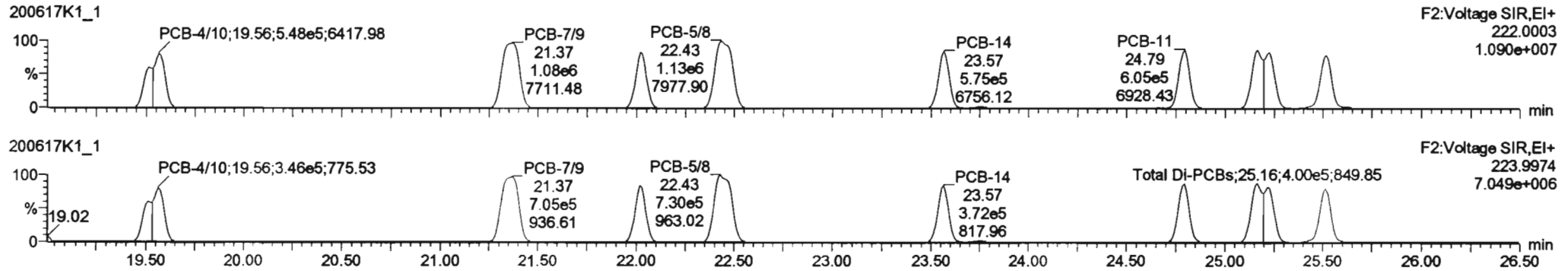


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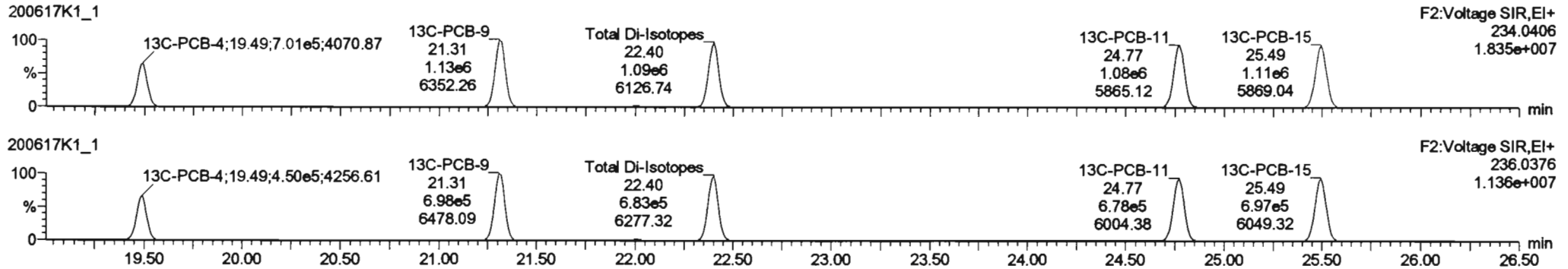
Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
 Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

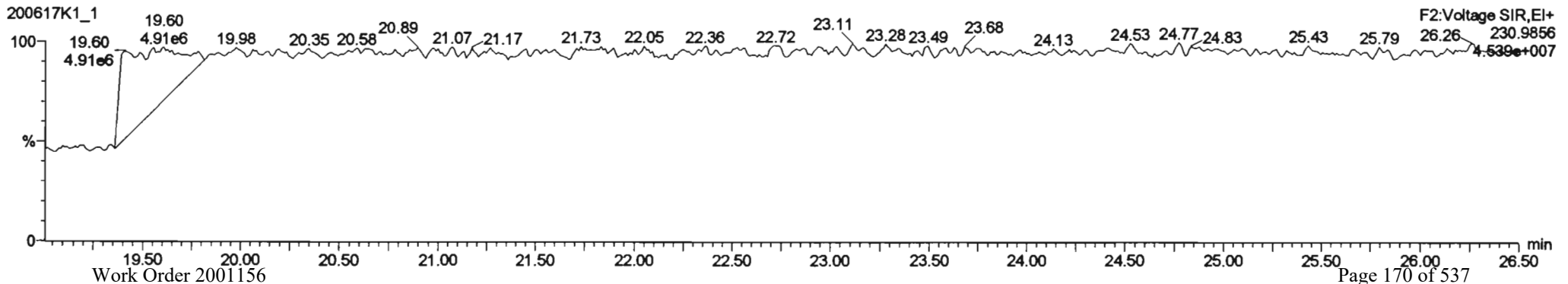
PCB-4/10



13C-PCB-4



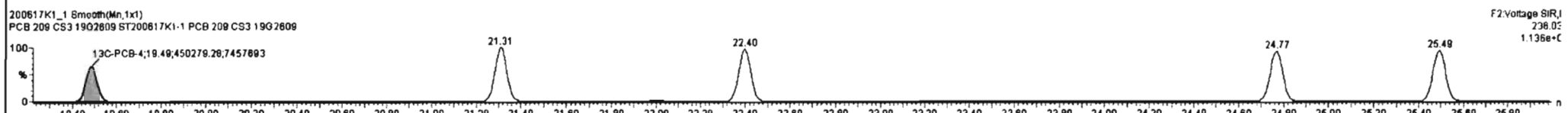
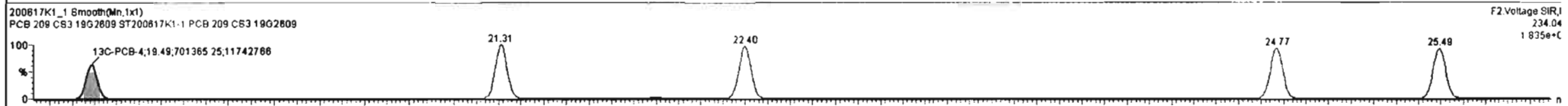
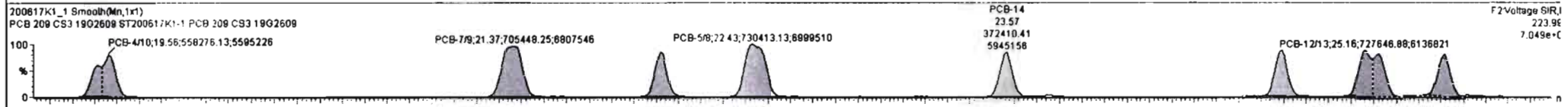
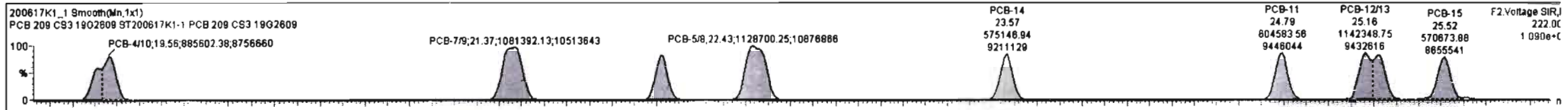
PFK2a





#	Name	Resp	RA	n/y	RFR	wt/Vol	Pred_RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
223	13C-PCB-178	3.93e5	0.44	NO	1.0508	1.000	45.85	45.85	0.923	0.923	NO	96.82	96.8	0.0857	
224	Total Mono-PCBs				1.1685	1.000	0.00		0.000		NO	184.0		0.0595	184.0
225	Total Di-PCBs				1.8537	1.000	0.00		0.000		NO	812.9		0.467	812.8
226	2nd Function Tri-PCBs				1.0807	1.000	0.00		0.000		NO	454.8		0.184	454.8
227	3rd Function Tri-PCBs				0.9828	1.000	0.00		0.000		NO	839.8		0.486	839.6
228	Total Tetra-PCBs				1.0778	1.000	0.00		0.000		NO	2347		1.01	2347
229	3rd Function Penta-PCBs				1.3157	1.000	0.00		0.000		NO	2287		0.875	2287
230	4th Function Penta-PCBs				1.0735	1.000	0.00		0.000		NO	288.2		0.187	288.2
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00		0.000		NO	787.5		0.311	787.5

#	Name	Pred_RT	RT	m1 Resp	m2 Resp	1° Ratio (Pred)	RA	n/y	EMPC	Conc.
4	PCB-410	19.57	19.58	8.856e5	5.583e5	1.580	1.59	NO	100.45	100.45
5	PCB-7/9	21.38	21.37	1.081e6	7.054e5	1.580	1.53	NO	102.09	102.09
6	PCB-5/8	22.01	22.02	5.830e5	3.718e5	1.580	1.52	NO	50.089	50.089
7	PCB-14	22.42	22.43	1.129e6	7.304e5	1.580	1.55	NO	102.75	102.75
8	PCB-11	23.57	23.57	5.751e5	3.724e5	1.580	1.54	NO	52.878	52.878
9	PCB-15	24.79	24.79	6.048e5	3.888e5	1.580	1.55	NO	50.105	50.105
10	PCB-12/13	25.22	25.16	1.142e6	7.278e5	1.560	1.57	NO	103.40	103.40
11	PCB-15	25.53	25.52	5.707e5	3.817e5	1.560	1.58	NO	51.145	51.145

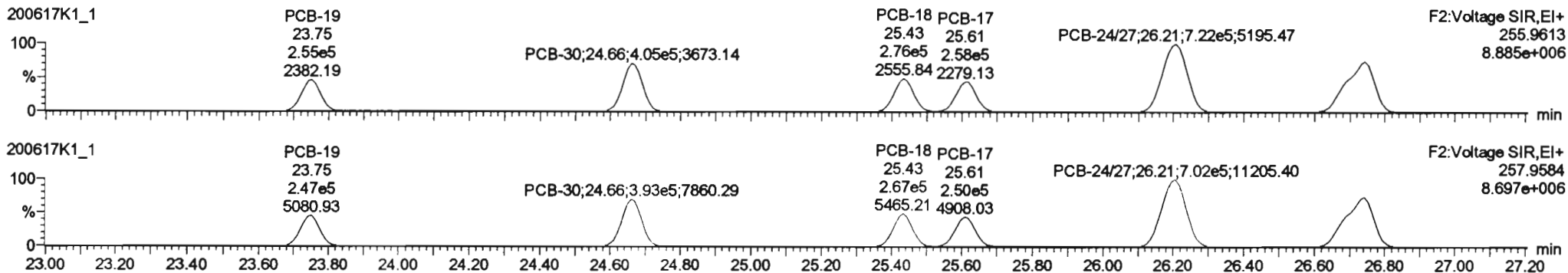


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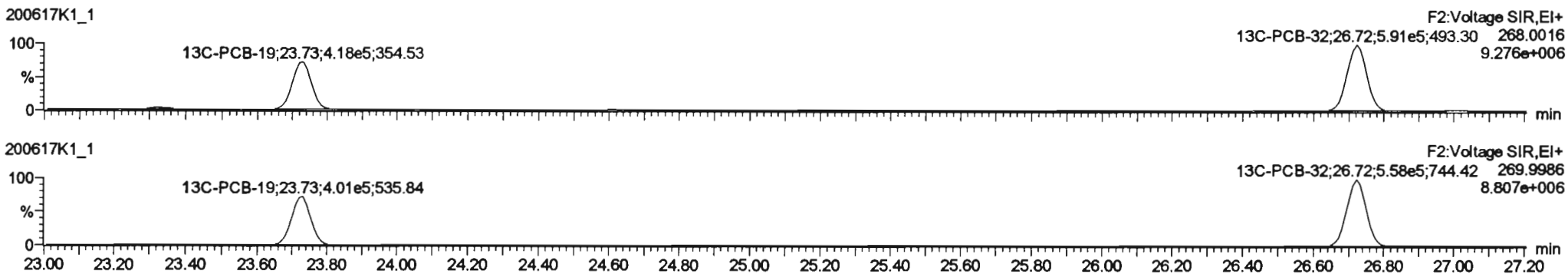
Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

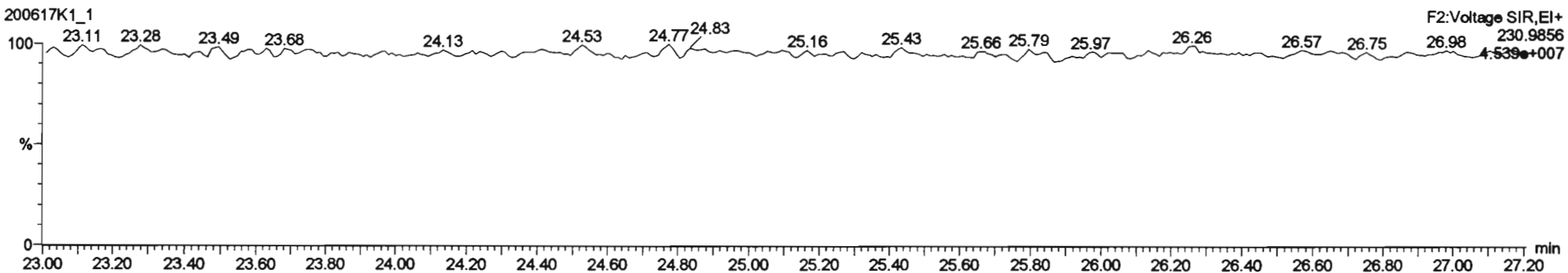
PCB-19



13C-PCB-19



PFK2b

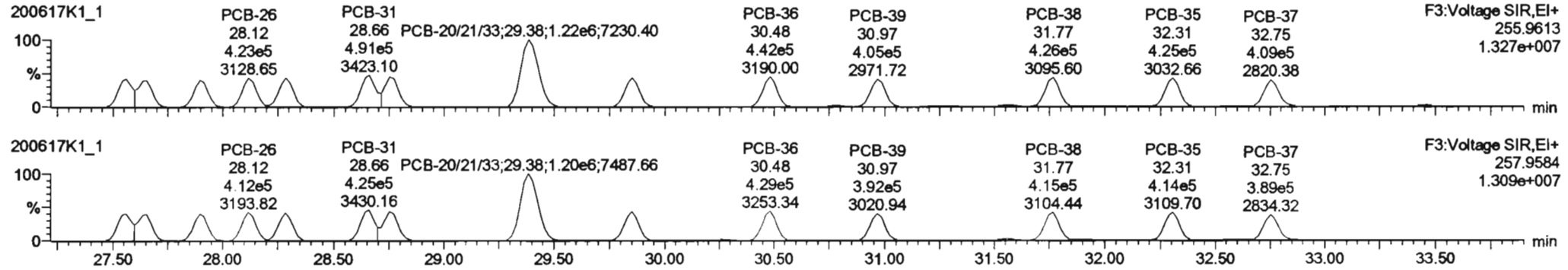


Dataset: Untitled

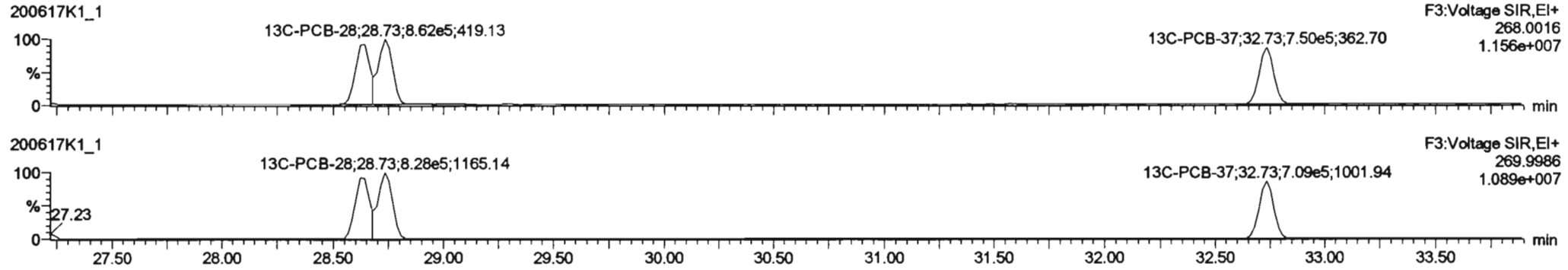
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Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

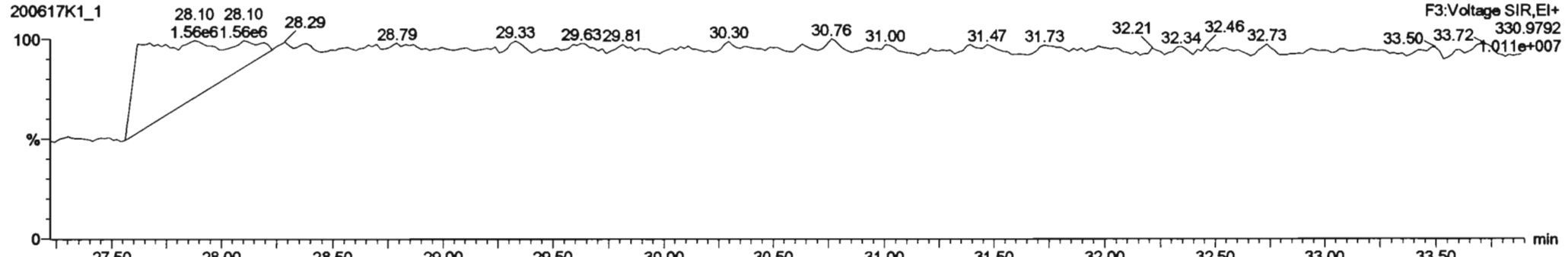
PCB-34

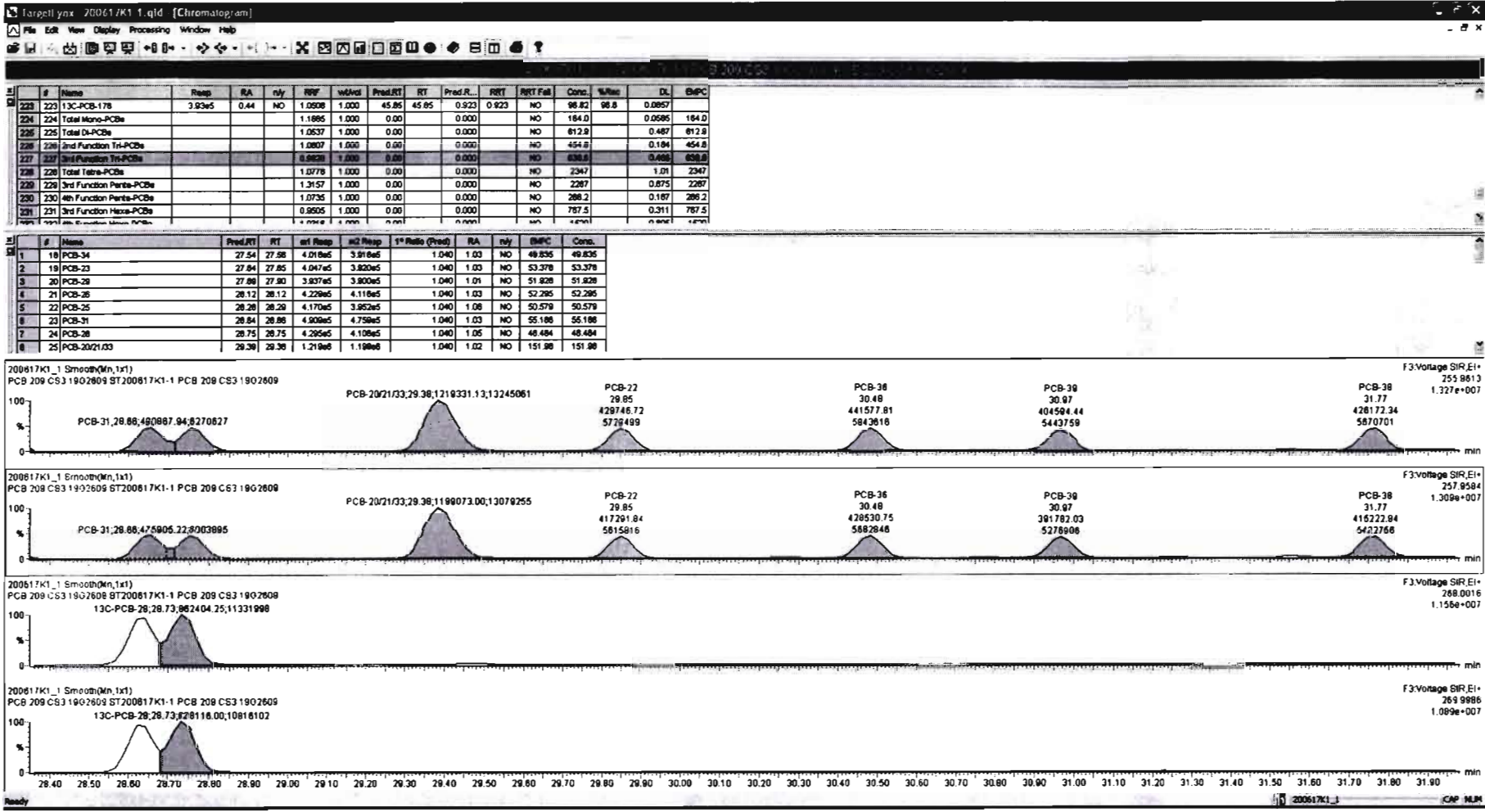


13C-PCB-28



PFK3d



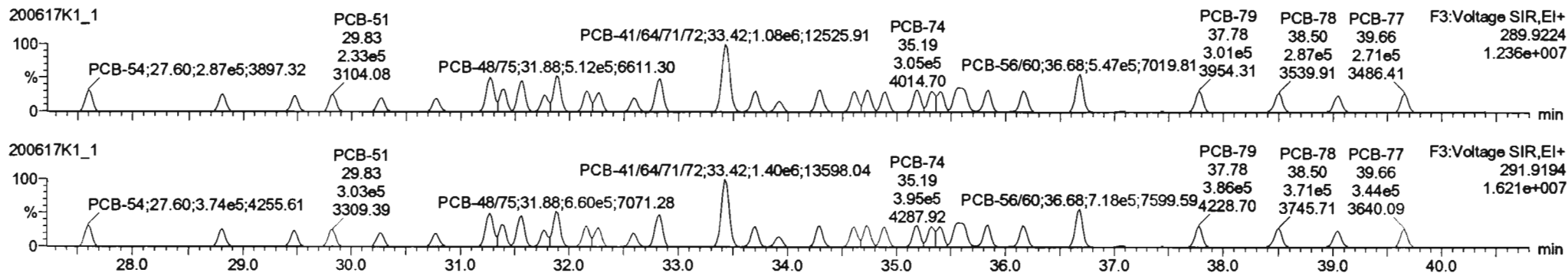


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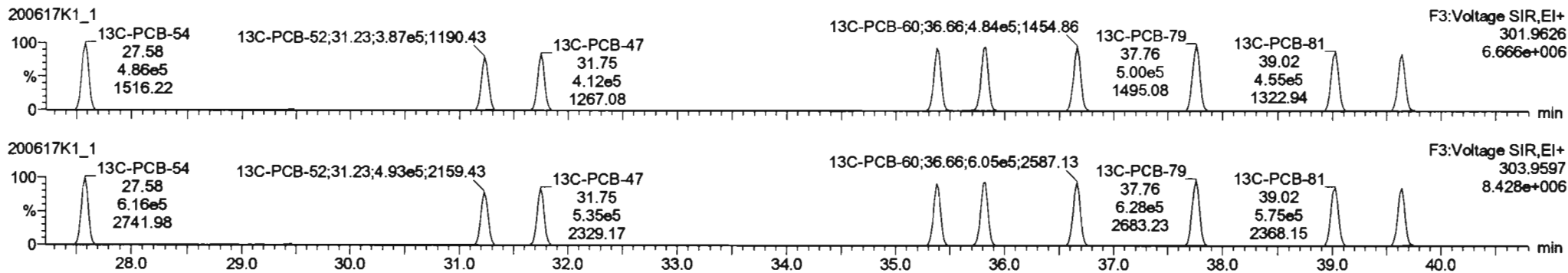
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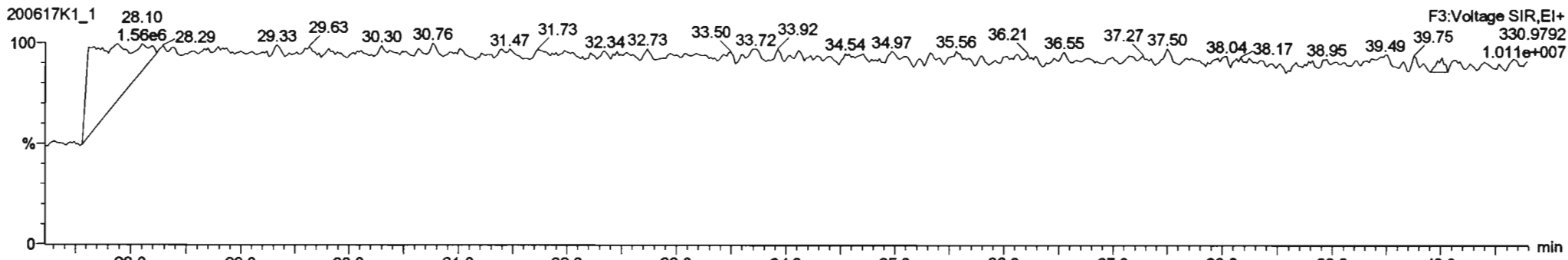
PCB-54



13C-PCB-54



PFK3a



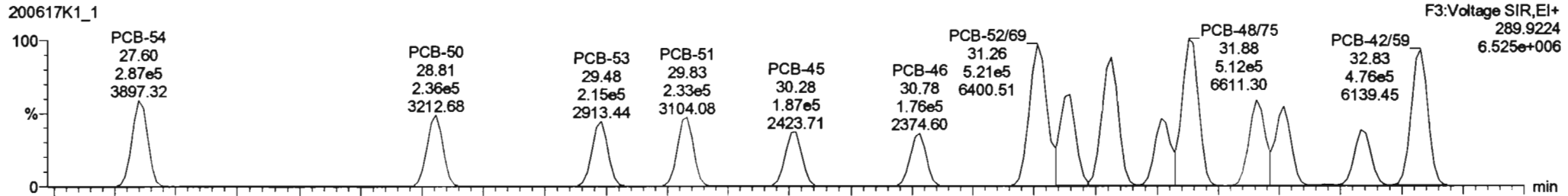
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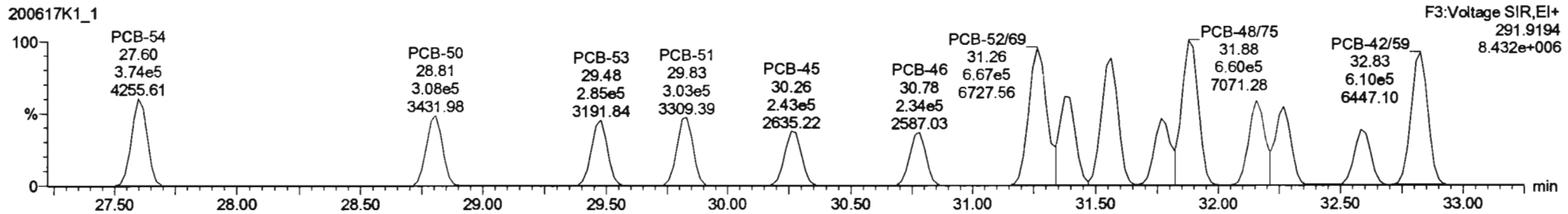
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PCB-50

200617K1_1

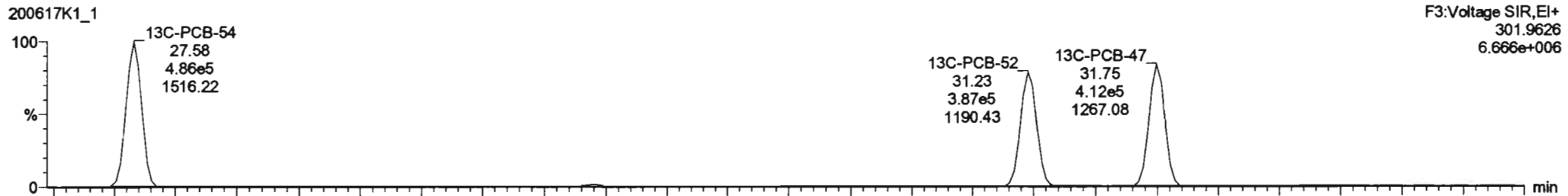


200617K1_1

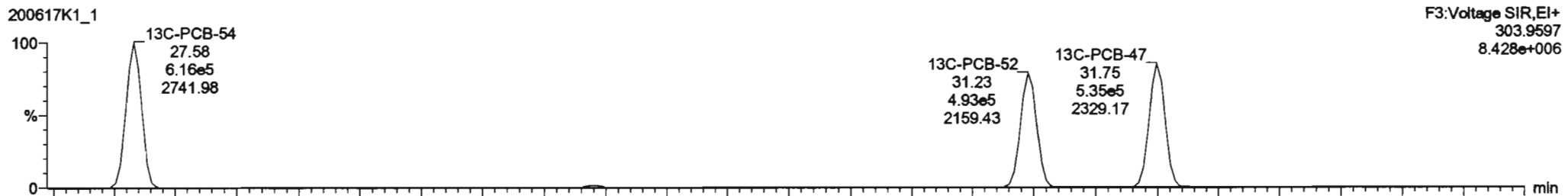


13C-PCB-52

200617K1_1



200617K1_1

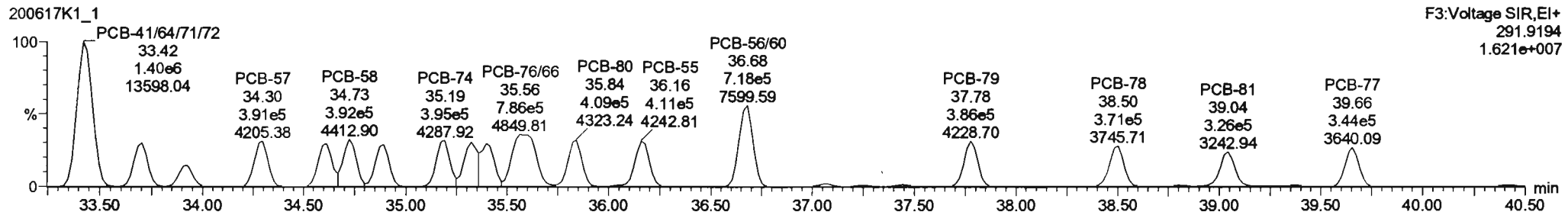
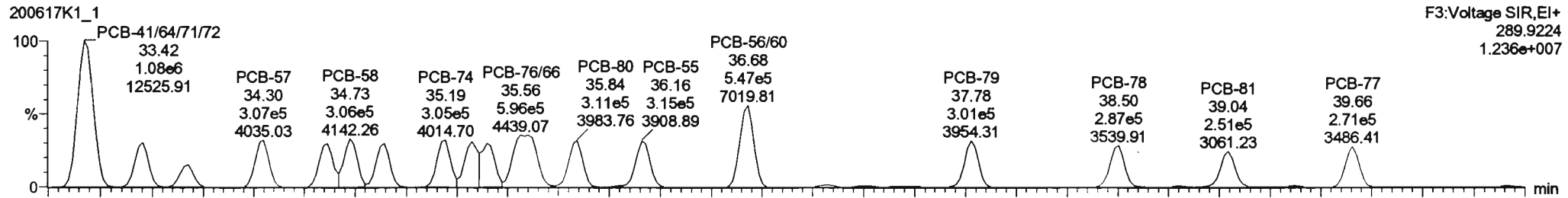


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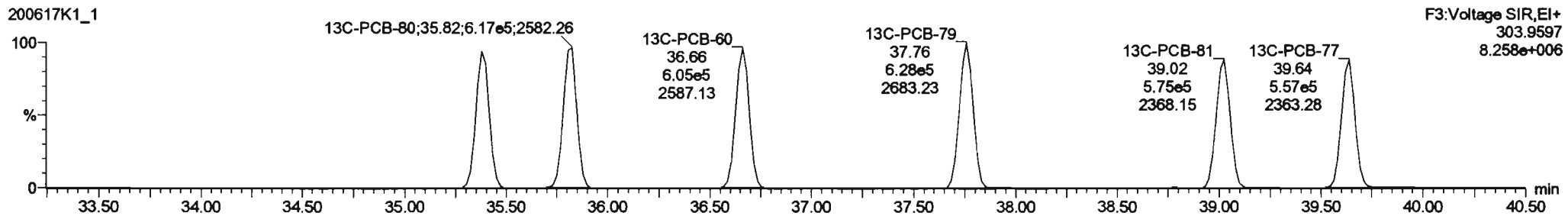
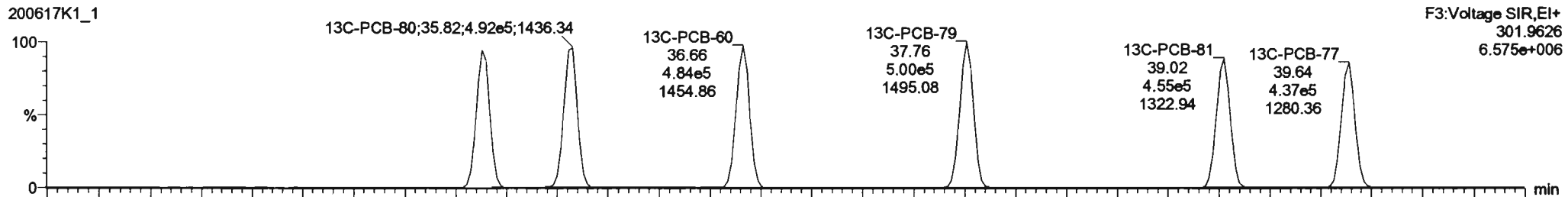
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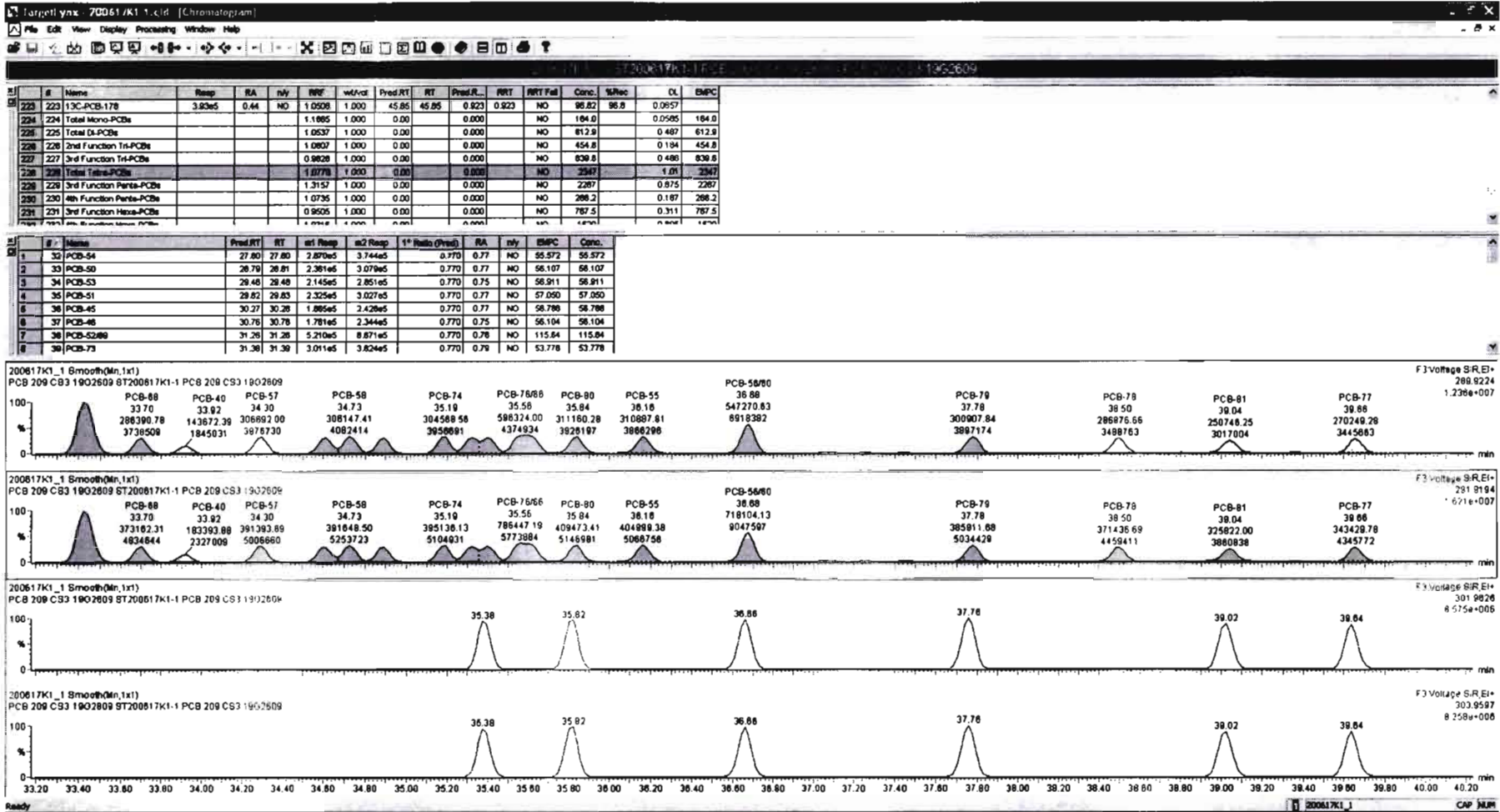
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PCB-68



13C-PCB-60



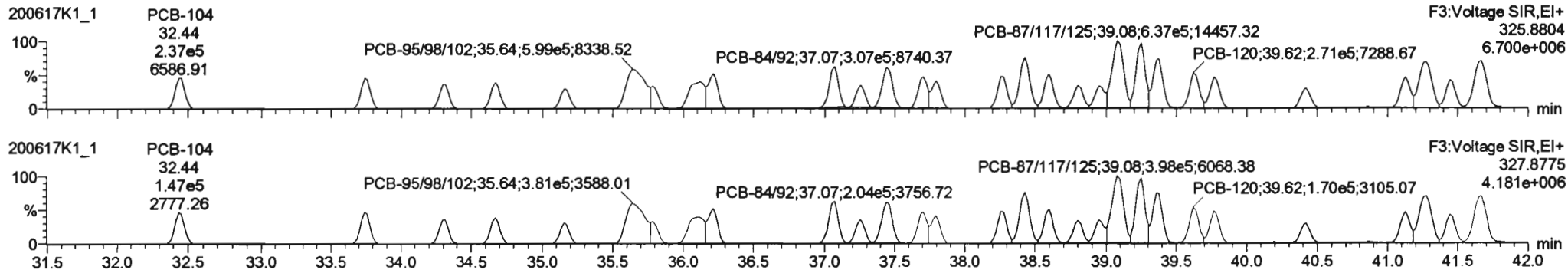


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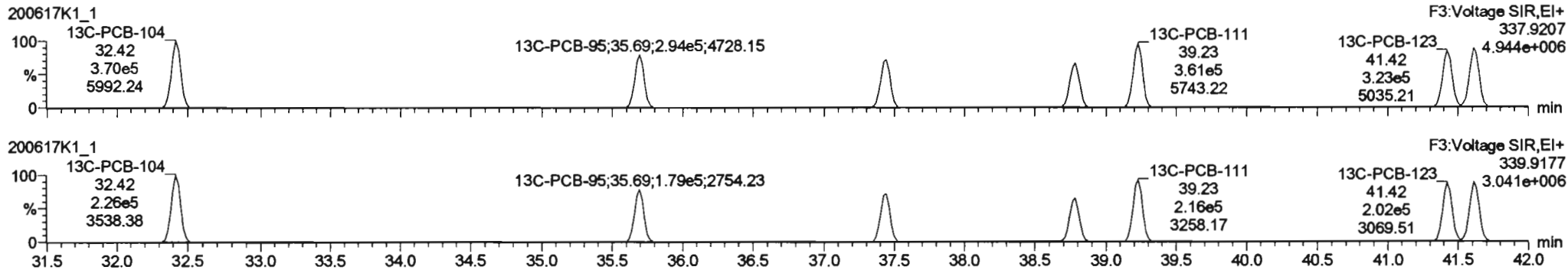
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Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

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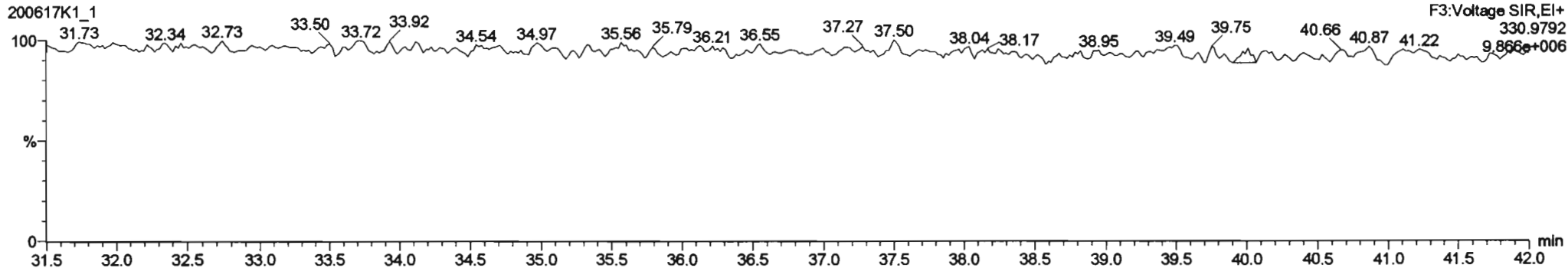
PCB-104



13C-PCB-104



PFK3b



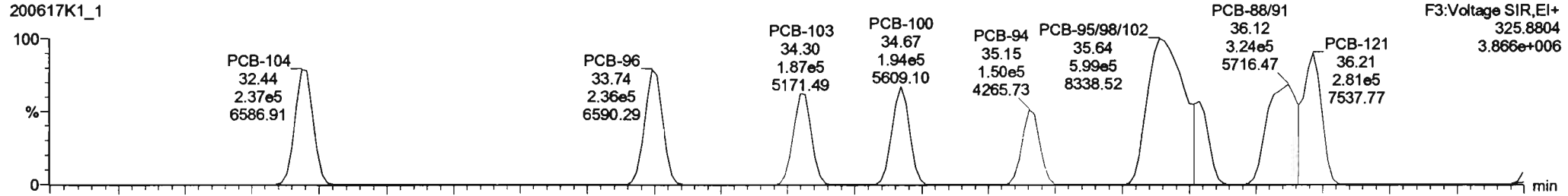
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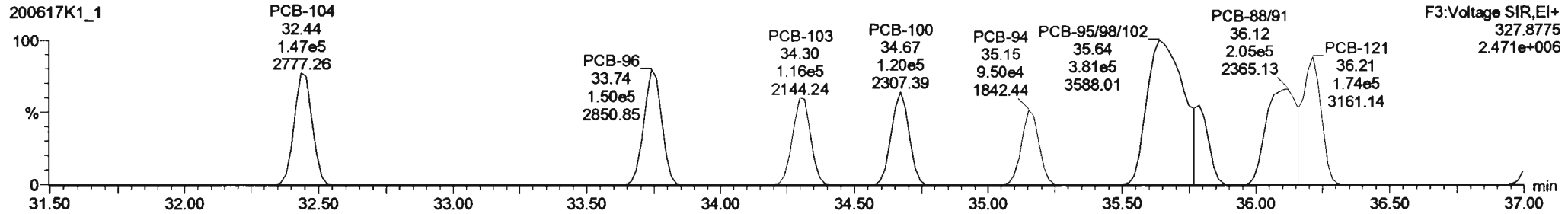
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PCB-96

200617K1_1

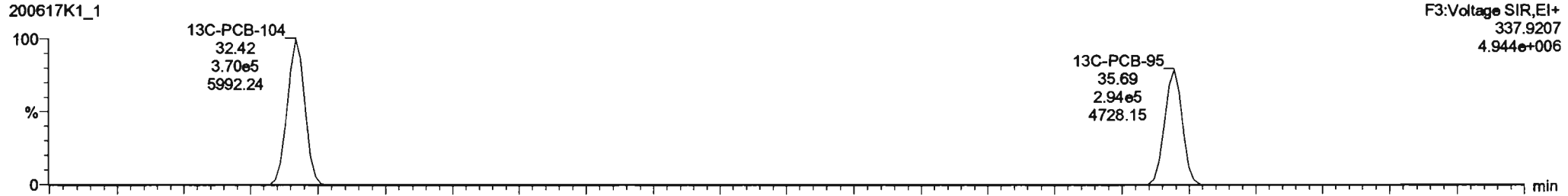


200617K1_1

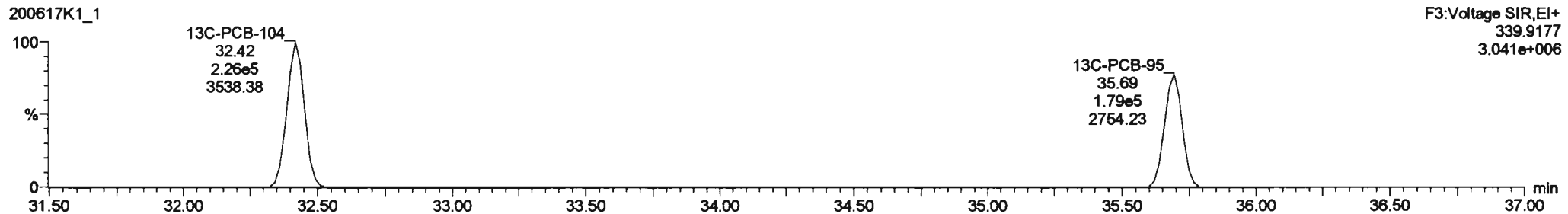


13C-PCB-95

200617K1_1

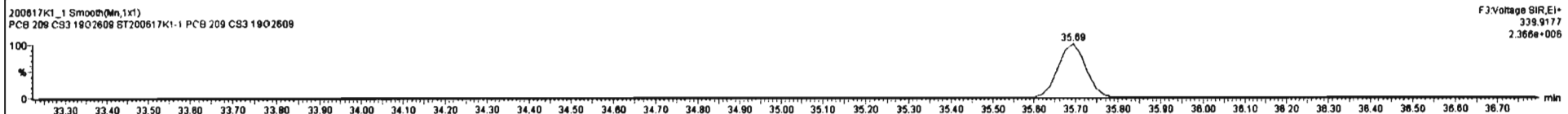
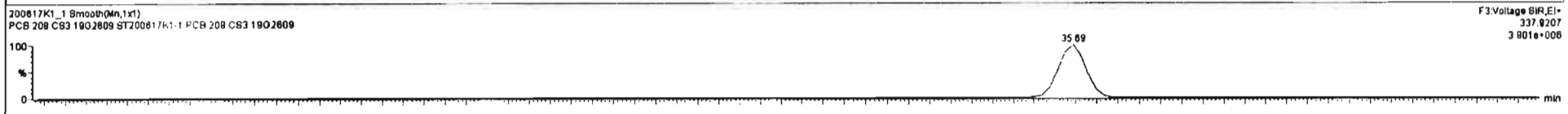
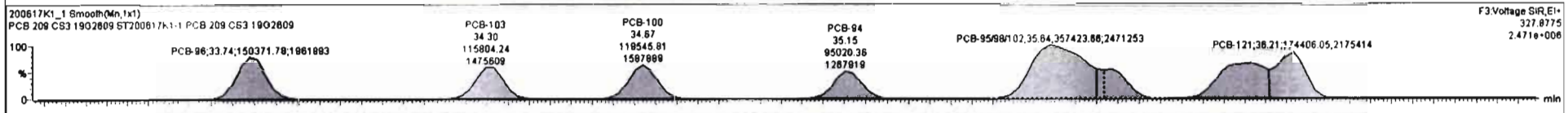
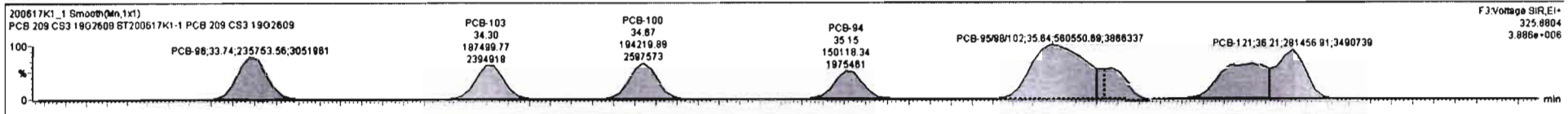


200617K1_1



#	Name	Resp	RA	rvy	RWF	wAval	Pred.RT	RT	Pred.R...	RRT	RRT Fail	Conc.	%Rat	DL	EMPC
223	13C-PCB-178	3.93e5	0.44	NO	1.0508	1.000	45.85	45.85	0.923	0.923	NO	96.82	96.8	0.0857	
224	Total Mono-PCBs				1.1865	1.000	0.00	0.00	0.000		NO	184.0		0.0595	184.0
225	Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000		NO	812.9		0.487	812.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000		NO	454.8		0.184	454.8
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.00	0.000		NO	839.6		0.486	839.6
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000		NO	2347		1.01	2347
229	2nd Function Penta-PCBs				1.3187	1.000	0.00	0.00	0.000		NO	2289		0.873	2289
230	4th Function Penta-PCBs				1.0736	1.000	0.00	0.00	0.000		NO	268.2		0.187	268.2
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.00	0.000		NO	767.5		0.311	767.5

#	Name	Pred.RT	RT	m1 Resp	m2 Resp	1* Ratio (Pred)	RA	rvy	EMPC	Conc.
1	64 PCB-104	32.44	32.44	2.370e5	1.485e5	1.580	1.82	NO	57.369	57.369
2	85 PCB-98	33.78	33.74	2.358e5	1.504e5	1.580	1.57	NO	58.190	58.190
3	86 PCB-103	34.32	34.30	1.875e5	1.168e5	1.580	1.82	NO	54.381	54.381
4	87 PCB-100	34.87	34.87	1.942e5	1.195e5	1.580	1.82	NO	55.249	55.249
5	88 PCB-94	35.18	35.15	1.501e5	9.502e4	1.580	1.58	NO	54.807	54.807
6	89 PCB-95/98/102	35.85	35.84	5.808e5	3.574e5	1.580	1.57	NO	181.10	181.10
7	70 PCB-83	35.77	35.78	1.886e5	1.037e5	1.580	1.63	NO	81.572	81.572
8	71 PCB-86/91	38.12	38.12	3.241e5	2.053e5	1.580	1.58	NO	105.10	105.10

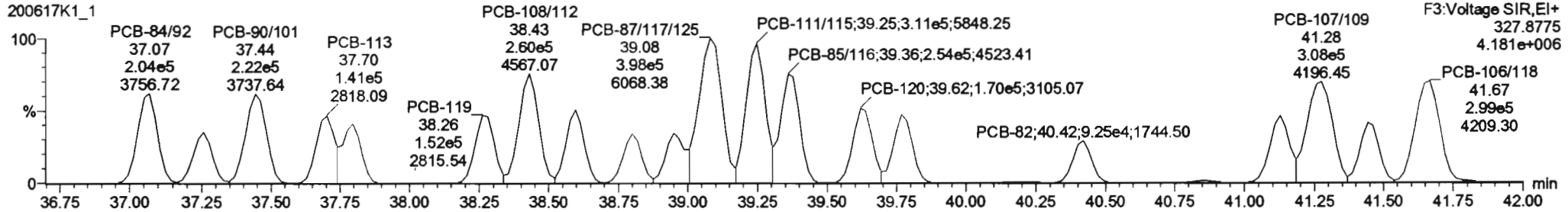
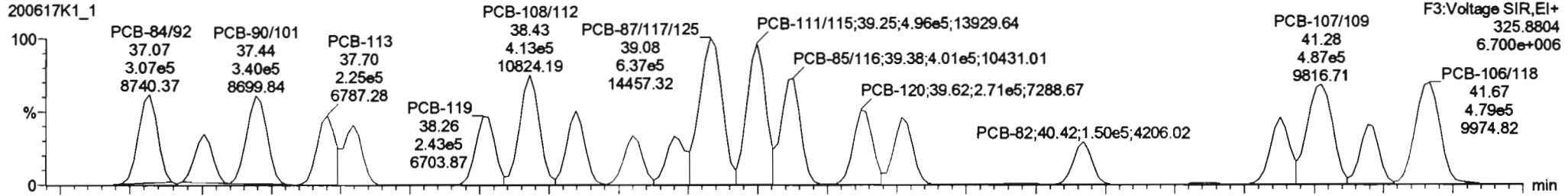


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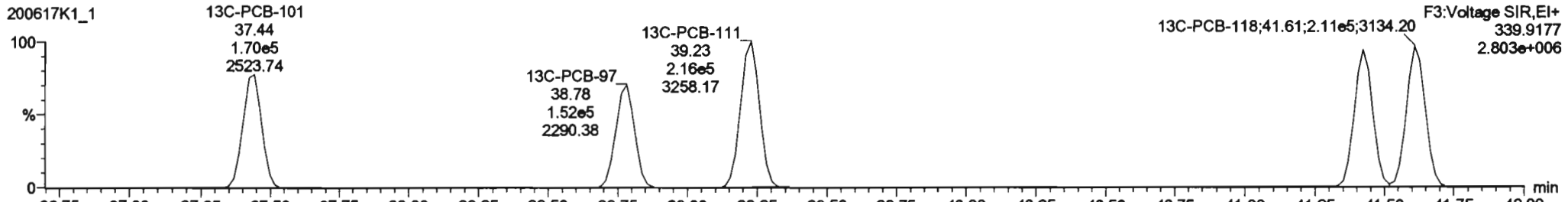
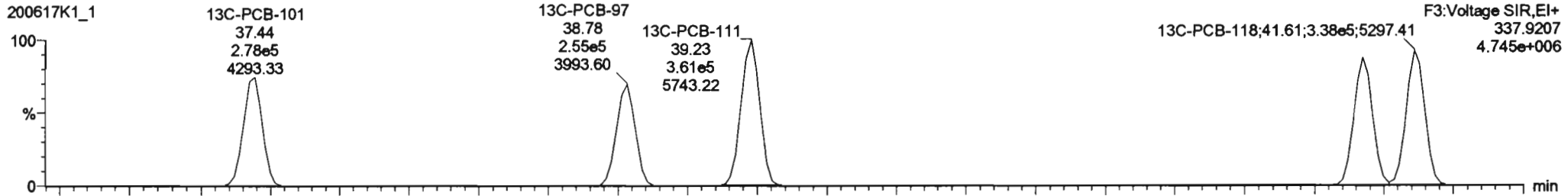
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Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-119

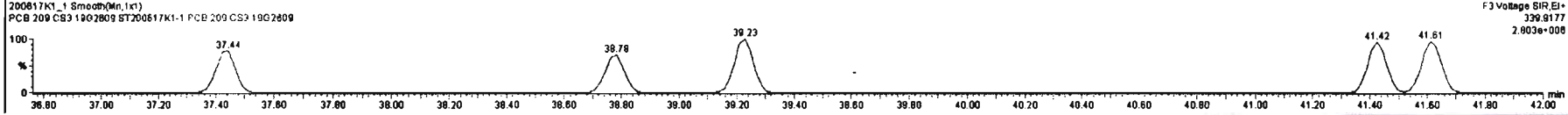
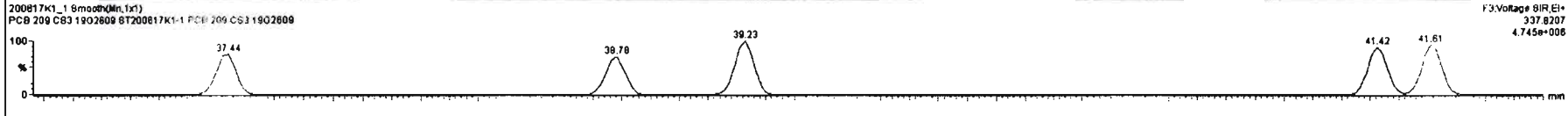
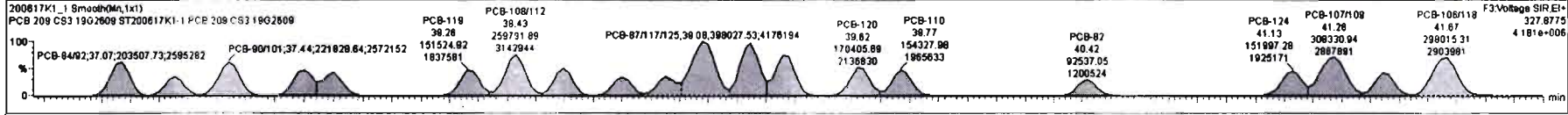
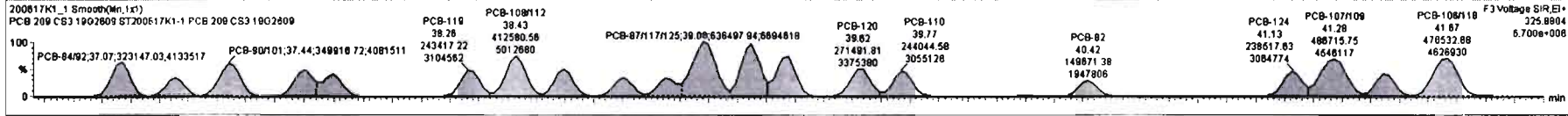


13C-PCB-111



#	Name	Resp	RA	n/y	RRF	wt/val	PredRT	RT	Pred_R	RRY	RRY Fail	Conc	%Rec	DL	EMPC
223	13C-PCB-178	3.83e5	0.44	NO	1.0506	1.000	45.85	45.85	0.823	0.823	NO	96.92	96.8	0.0957	
224	Total Mono-PCBs				1.1865	1.000	0.00	0.000			NO	164.0		0.0586	164.0
225	Total Di-PCBs				1.0537	1.000	0.00	0.000			NO	612.9		0.487	612.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000			NO	454.8		0.164	454.8
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.000			NO	639.8		0.486	639.8
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.000			NO	2347		1.01	2347
229	2nd Function Penta-PCBs				1.2147	1.000	0.00	0.000			NO	2287		0.878	2287
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000			NO	286.2		0.187	286.2
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00	0.000			NO	787.5		0.311	787.5

#	Name	PredRT	RT	Alt Name	Alt Resp	1st Ratio (Proc)	RA	n/y	EMPC	Conc
1	64 PCB-104	32.44	32.44	2.370e5	1.485e5	1.580	1.82	NO	57.389	57.389
2	65 PCB-88	33.78	33.74	2.258e5	1.504e5	1.580	1.57	NO	58.190	58.190
3	68 PCB-103	34.32	34.30	1.875e5	1.158e5	1.580	1.82	NO	54.381	54.381
4	67 PCB-100	34.87	34.87	1.842e5	1.195e5	1.580	1.82	NO	55.249	55.249
5	66 PCB-84	35.18	35.15	1.521e5	8.502e4	1.580	1.58	NO	54.807	54.807
6	68 PCB-95/98/102	35.85	35.84	5.802e5	3.574e5	1.580	1.57	NO	181.10	181.10
7	70 PCB-83	35.77	35.79	1.688e5	1.037e5	1.580	1.83	NO	81.572	81.572
8	71 PCB-88/91	38.12	38.12	3.241e5	2.053e5	1.580	1.58	NO	105.10	105.10

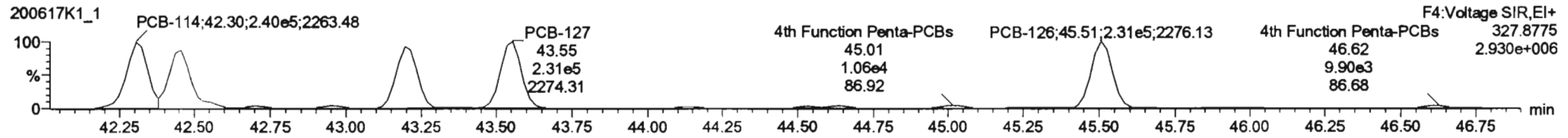
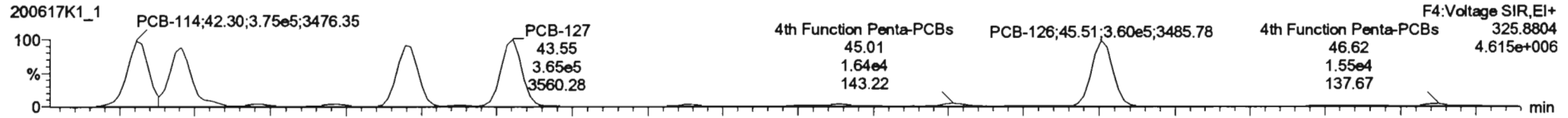


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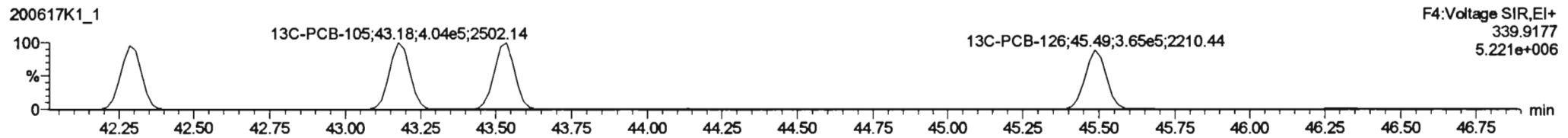
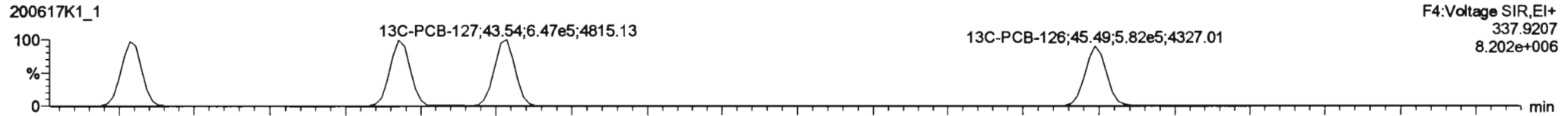
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Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

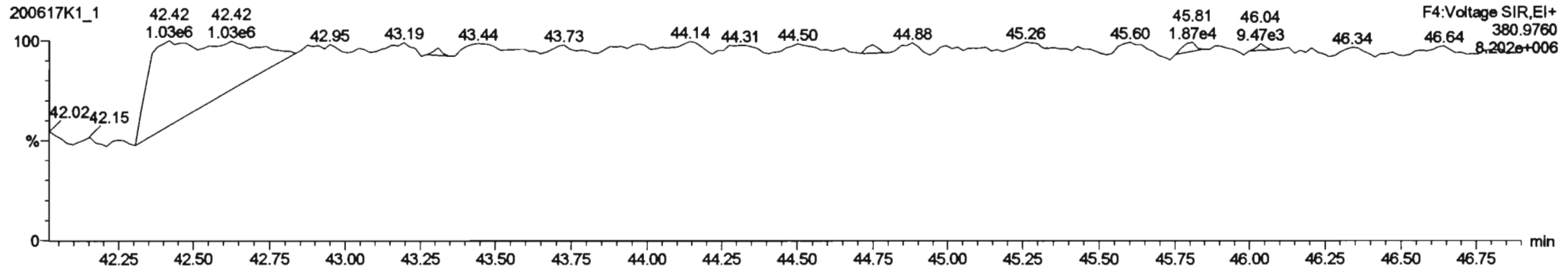
PCB-114

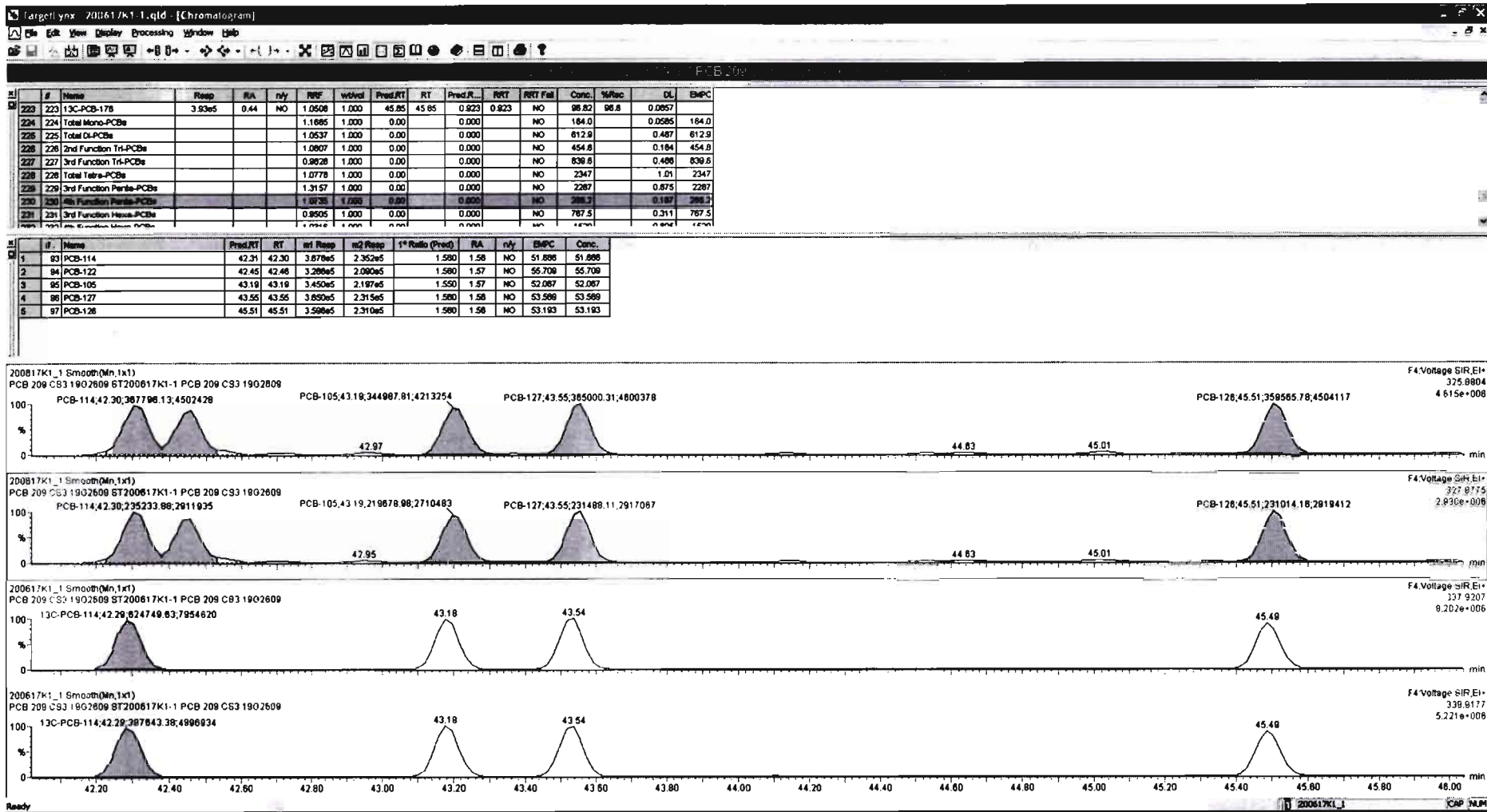


13C-PCB-114



PFK4a





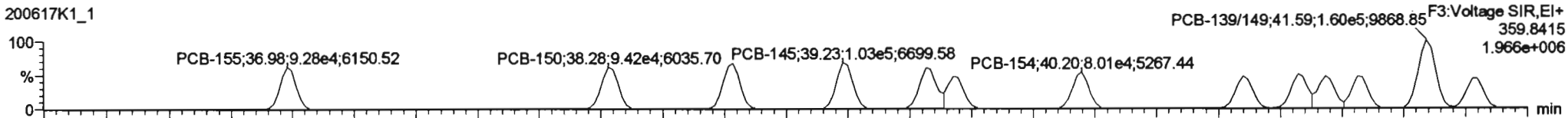
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Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

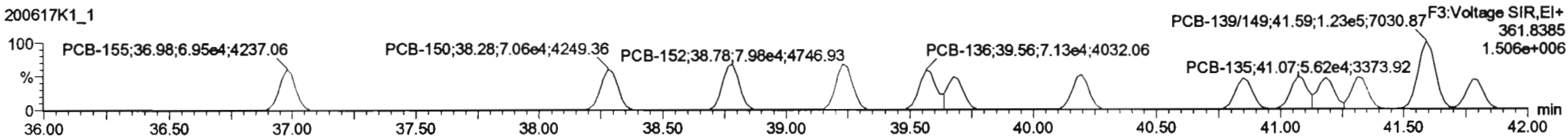
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PCB-155

200617K1_1

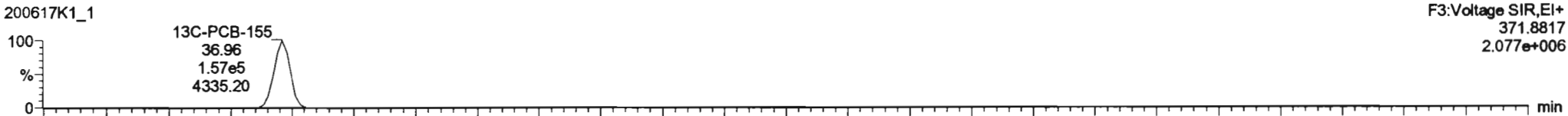


200617K1_1

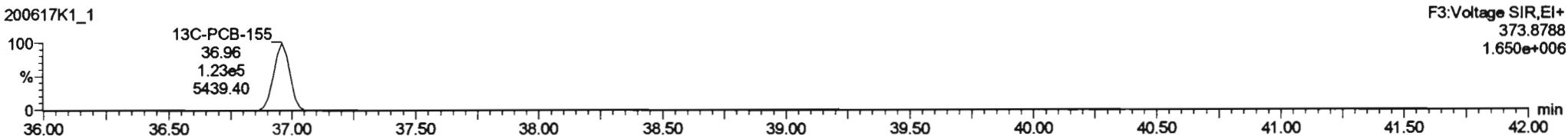


13C-PCB-155

200617K1_1

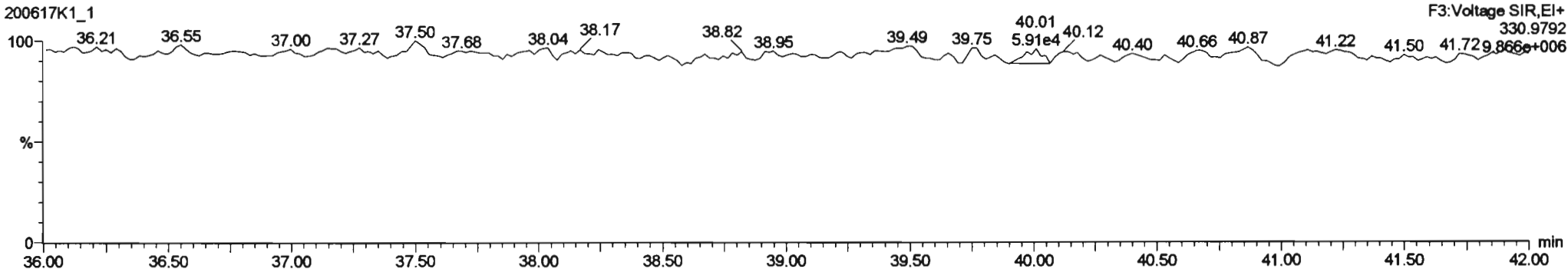


200617K1_1



PFK3c

200617K1_1



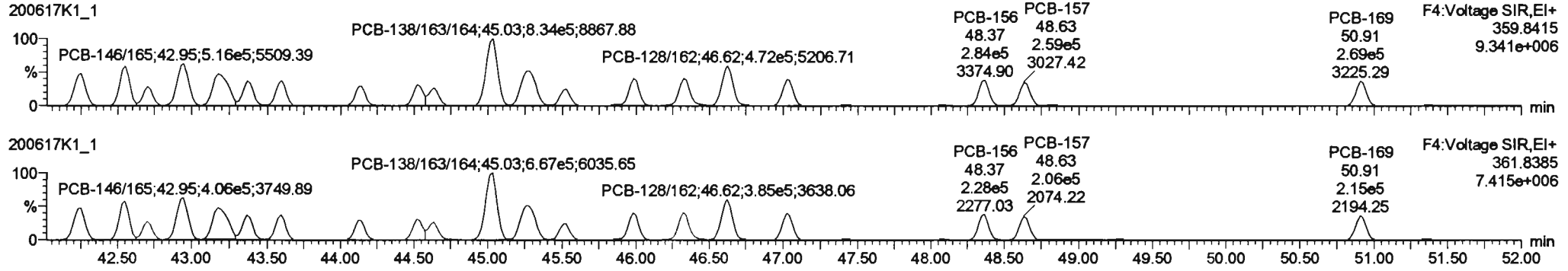
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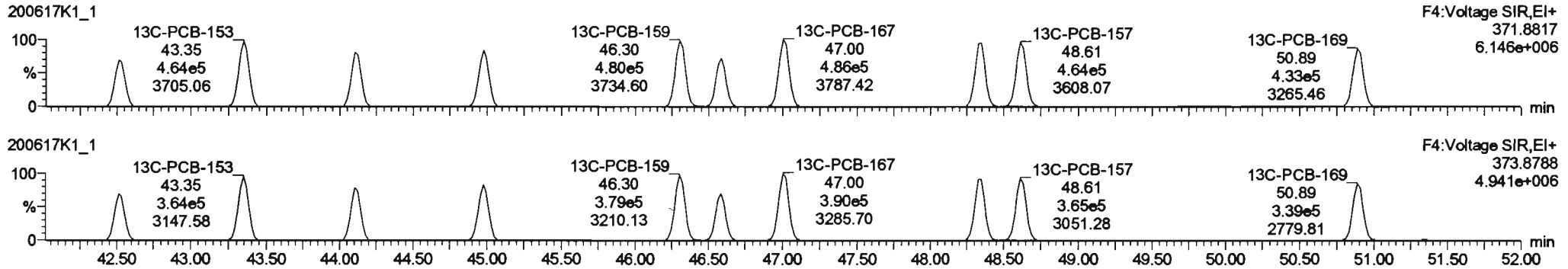
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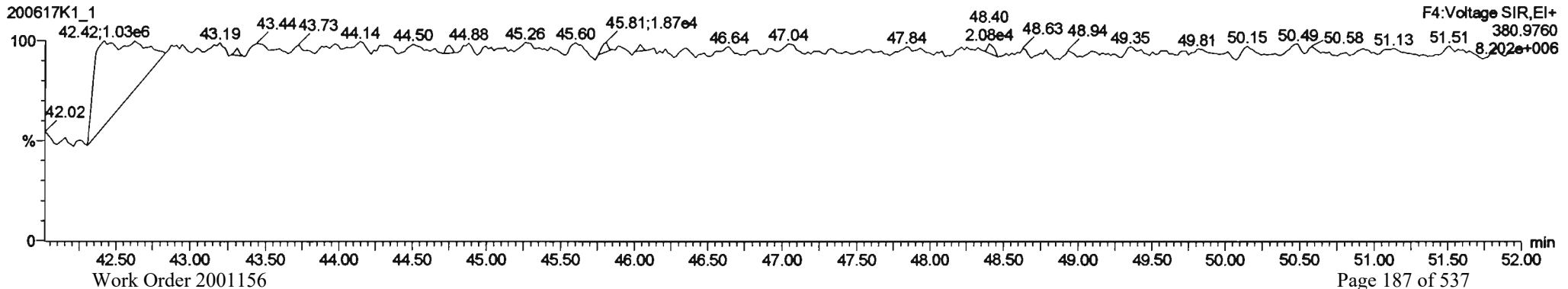
PCB-134/143

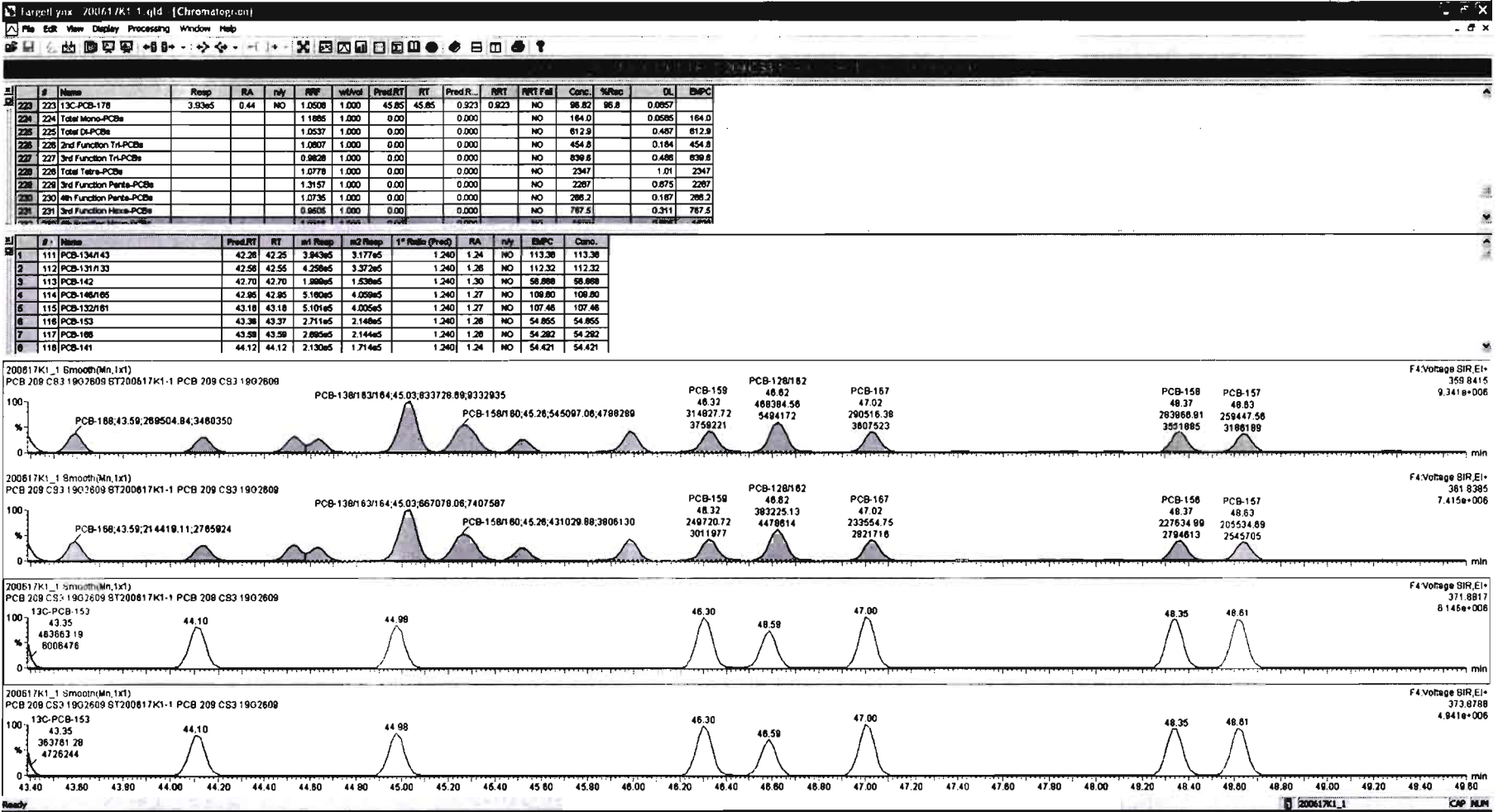


13C-PCB-153



PFK4b





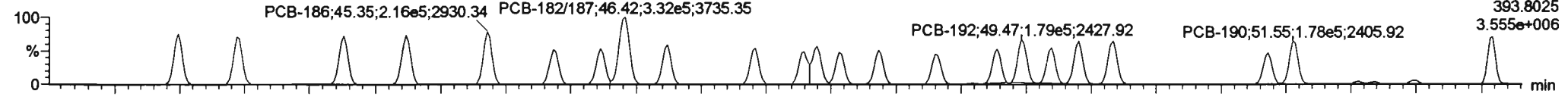
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Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

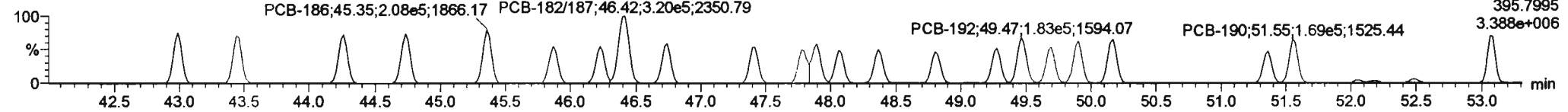
Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-188

200617K1_1

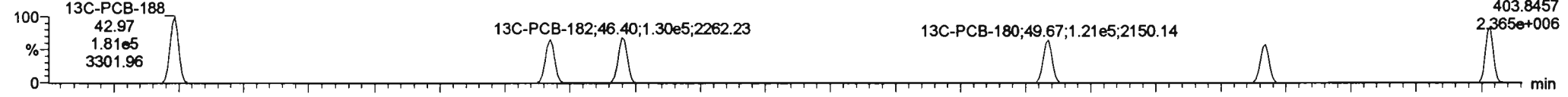


200617K1_1

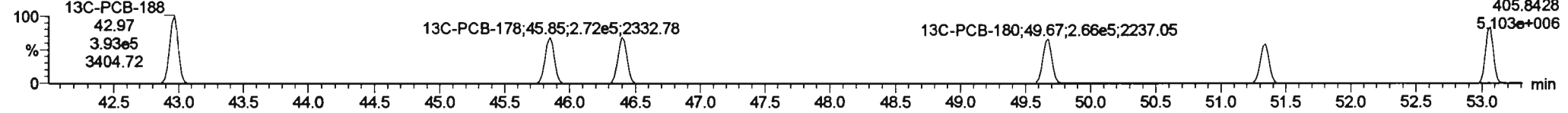


13C-PCB-188

200617K1_1

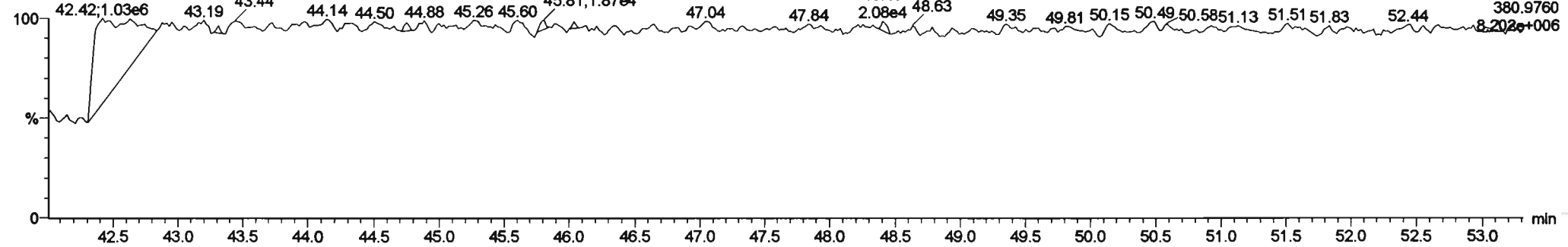


200617K1_1



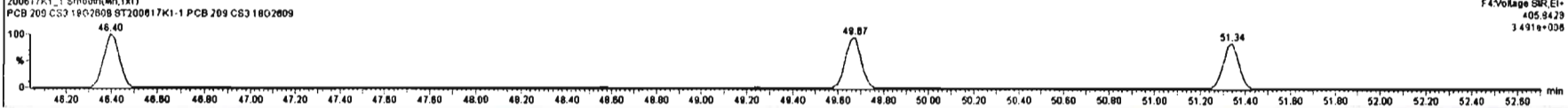
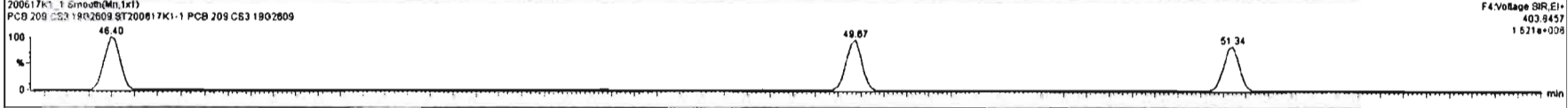
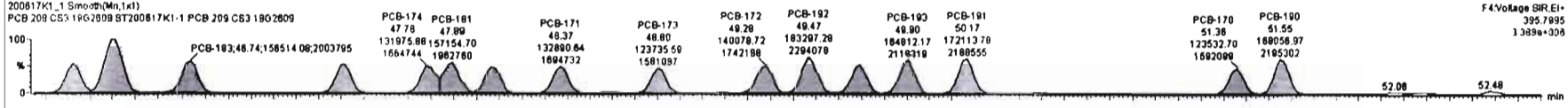
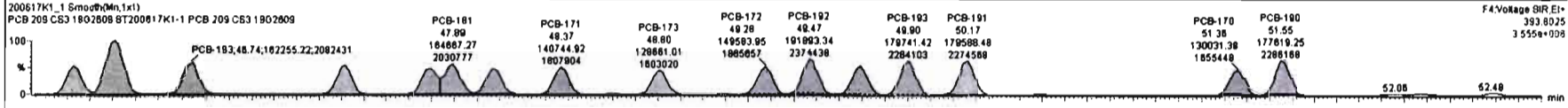
PFK4c

200617K1_1



#	Name	Resp	RA	rly	RF	w/wvd	Prod.RT	RT	Prod.R...	RTT	RTT Fat	Conc.	%Rec	DL	EMPC
233	233 Total High-Polys-PCBs				1.3891	1.000	0.000		0.000		NO	1280		1.44	1280
234	234 4th Function Octa-PCBs				1.0008	1.000	0.000		0.000		NO	518.1		0.334	518.1
235	235 3th Function Octa-PCBs				1.1498	1.000	0.000		0.000		NO	153.1		0.188	153.1
236	236 Total Nona-PCBs				0.9523	1.000	0.000		0.000		NO	158.8		0.188	158.8
237	237 Deca-CB				0.9894	1.000	0.000		0.000		NO	53.88		0.0248	53.88
238	238 Total PCBs														
239	239 Total Mono-isotopes														
240	240 Total Di-isotopes														
241	241 2nd Function Tri-isotope														

#	Name	Prod.RT	RT	rel Resp	rel Resp	1° Ratio (Prod)	RA	rly	EMPC	Conc.
1	131 PCB-168	43.01	42.88	2.022e5	1.947e5	1.050	1.04	NO	53.823	53.823
2	132 PCB-164	43.44	43.44	2.008e5	1.905e5	1.050	1.05	NO	55.342	55.342
3	133 PCB-179	44.28	44.28	2.004e5	1.832e5	1.080	1.04	NO	52.822	52.822
4	134 PCB-176	44.72	44.73	2.038e5	1.952e5	1.050	1.04	NO	53.110	53.110
5	135 PCB-188	45.35	45.35	2.158e5	2.078e5	1.060	1.04	NO	55.508	55.508
6	136 PCB-178	45.87	45.87	1.480e5	1.430e5	1.050	1.02	NO	53.382	53.382
7	137 PCB-175	46.22	46.23	1.477e5	1.441e5	1.050	1.02	NO	53.144	53.144
8	138 PCB-182/187	46.40	46.42	3.318e5	3.188e5	1.050	1.04	NO	108.40	108.40

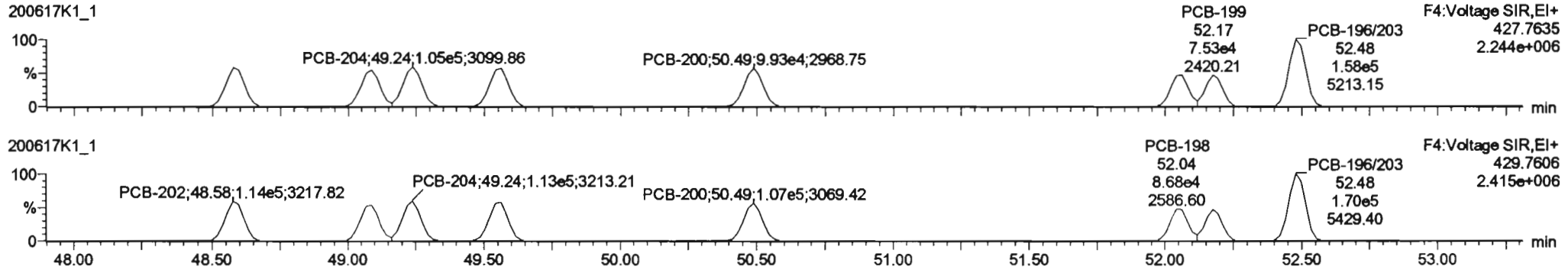


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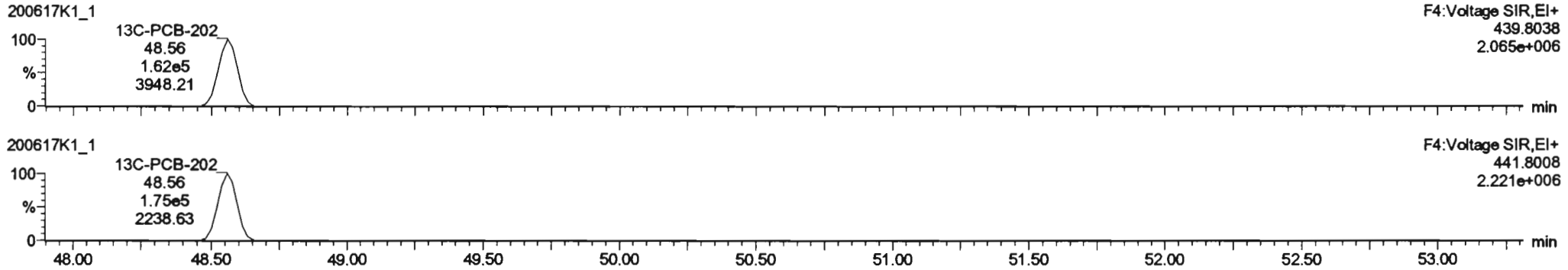
Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
 Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

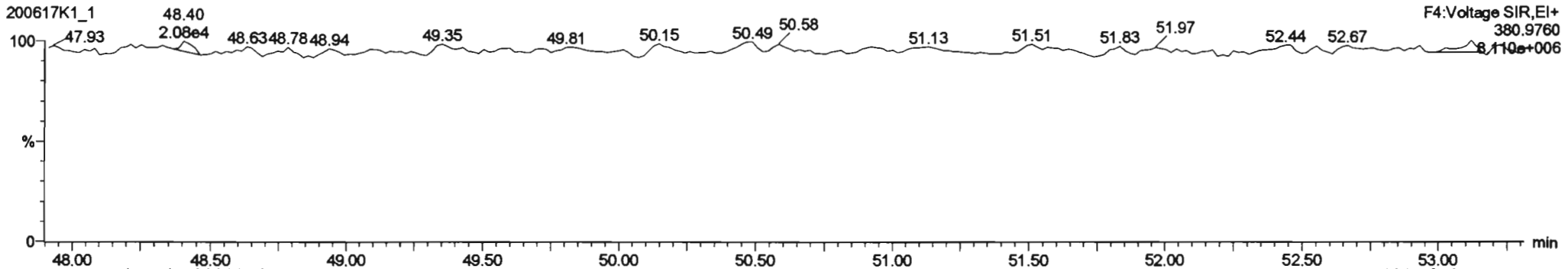
PCB-202



13C-PCB-202



PFK4d



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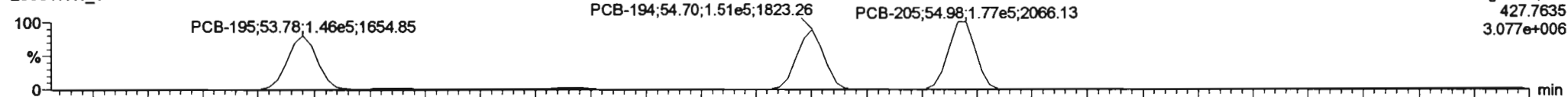
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Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

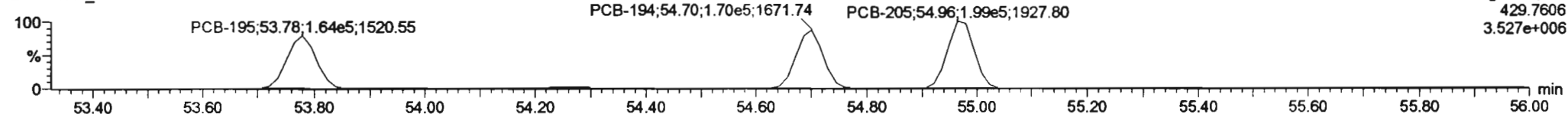
Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-195

200617K1_1

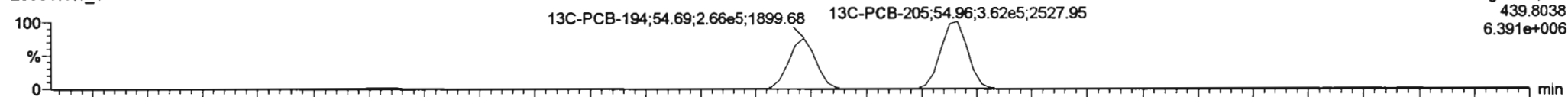


200617K1_1

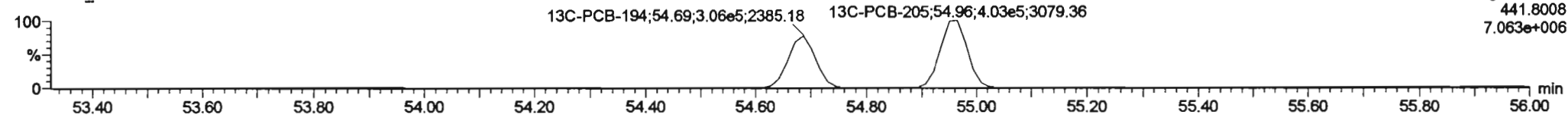


13C-PCB-194

200617K1_1

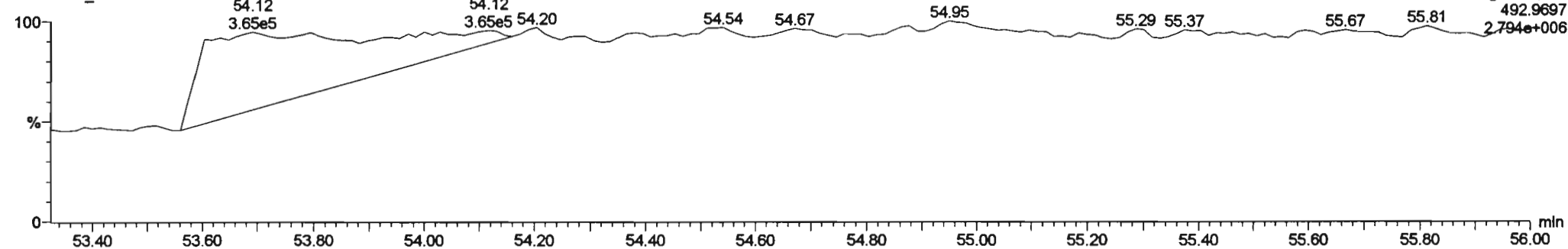


200617K1_1



PFK5a

200617K1_1



Dataset: Untitled

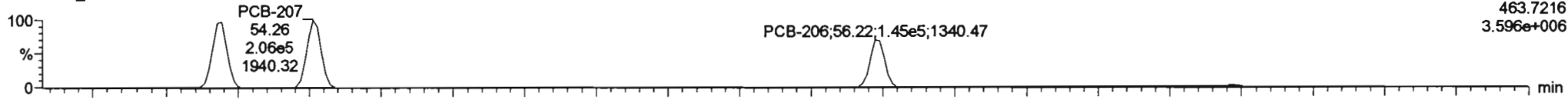
Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-208

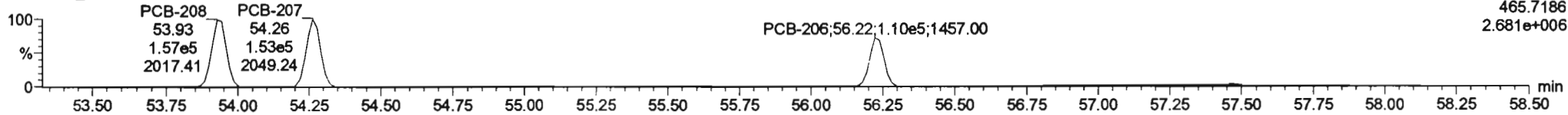
200617K1_1

F5:Voltage SIR,EI+
463.7216
3.596e+006



200617K1_1

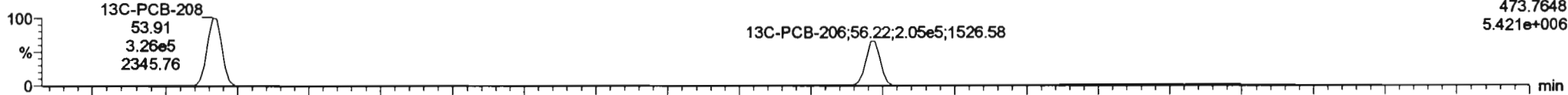
F5:Voltage SIR,EI+
465.7186
2.681e+006



13C-PCB-208

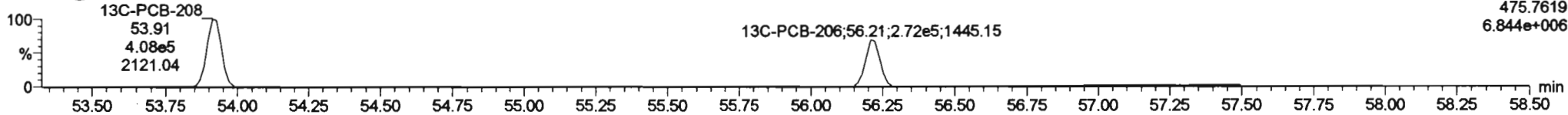
200617K1_1

F5:Voltage SIR,EI+
473.7648
5.421e+006



200617K1_1

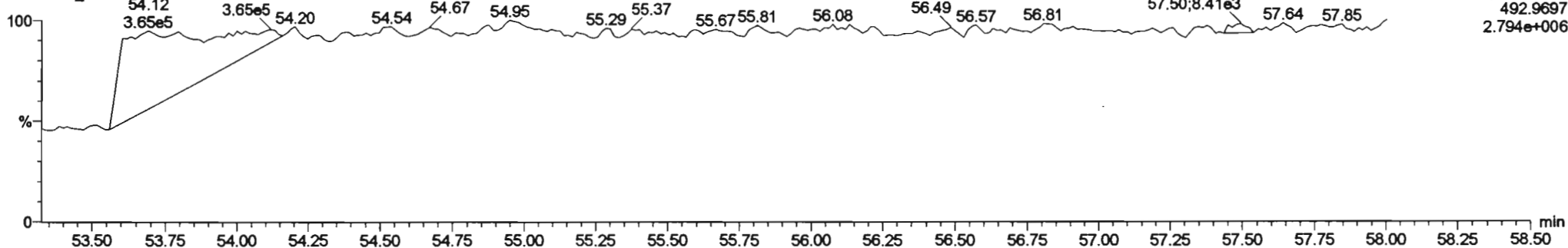
F5:Voltage SIR,EI+
475.7619
6.844e+006



PFK5

200617K1_1

F5:Voltage SIR,EI+
492.9697
2.794e+006



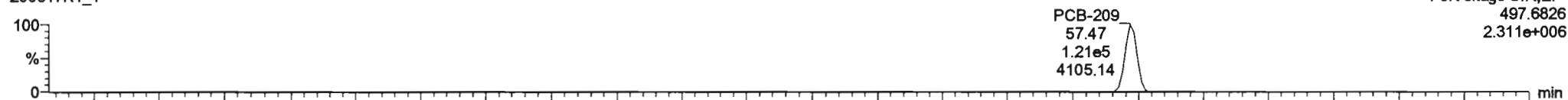
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Last Altered: Wednesday, June 17, 2020 14:51:12 Pacific Daylight Time
Printed: Wednesday, June 17, 2020 14:51:26 Pacific Daylight Time

Name: 200617K1_1, Date: 17-Jun-2020, Time: 13:13:13, ID: ST200617K1-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

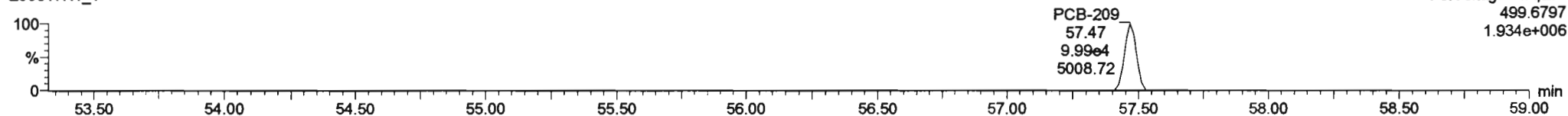
PCB-209

200617K1_1



F5:Voltage SIR,EI+
497.6826
2.311e+006

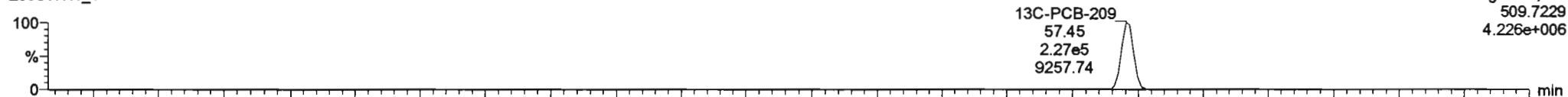
200617K1_1



F5:Voltage SIR,EI+
499.6797
1.934e+006

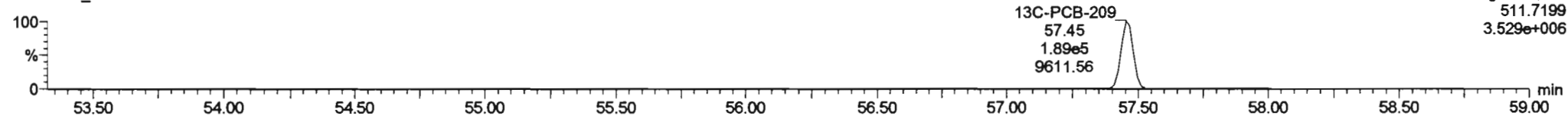
13C-PCB-209

200617K1_1



F5:Voltage SIR,EI+
509.7229
4.226e+006

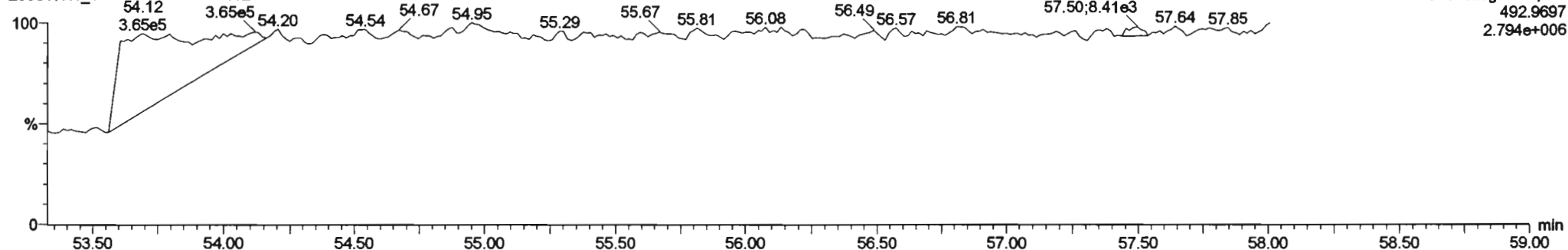
200617K1_1



F5:Voltage SIR,EI+
511.7199
3.529e+006

PFK5b

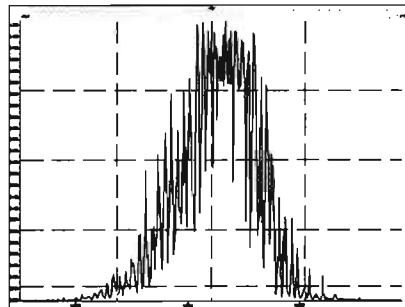
200617K1_1



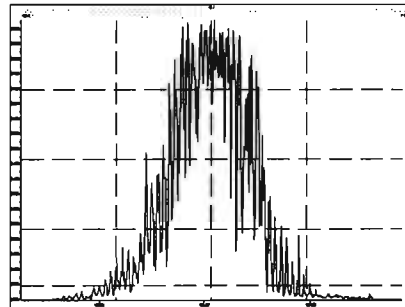
F5:Voltage SIR,EI+
492.9697
2.794e+006

Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

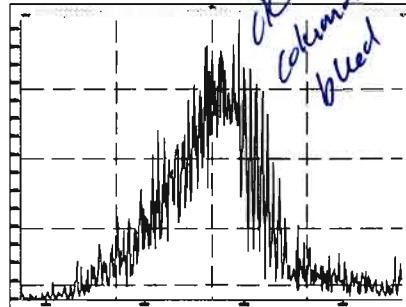
M 168.9888 R 14592



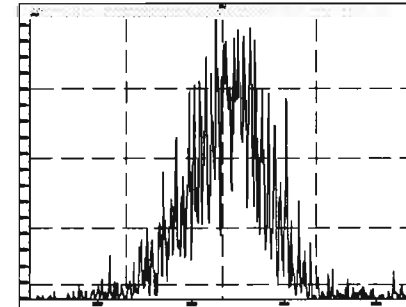
M 180.9888 R 14677



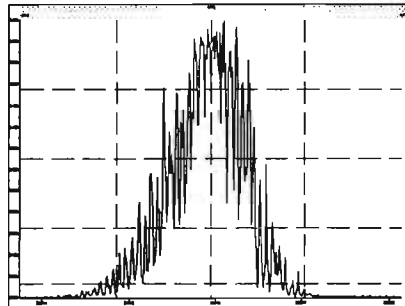
M 192.9888 R 8411



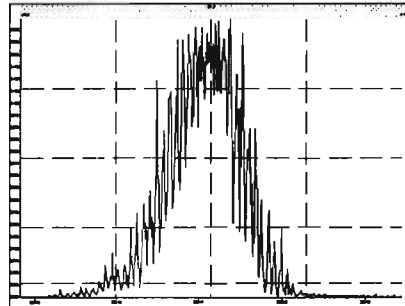
M 204.9888 R 16808



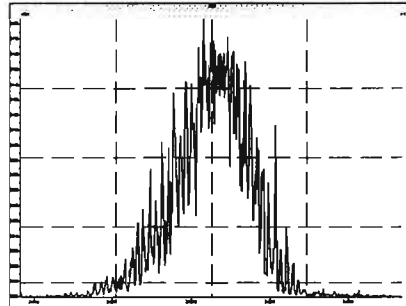
M 218.9856 R 14374



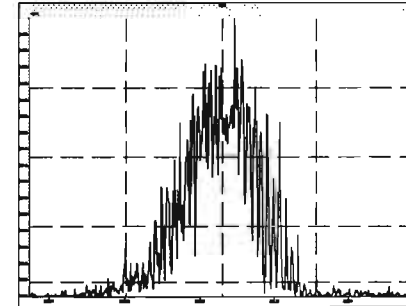
M 230.9856 R 14622



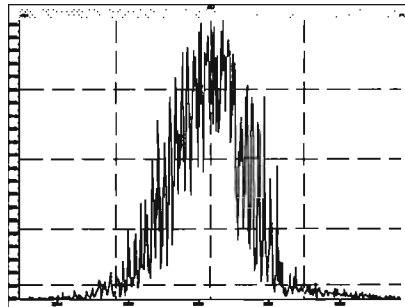
M 242.9856 R 13420



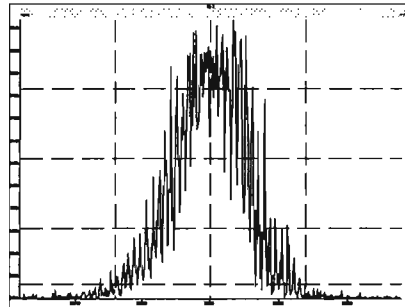
M 254.9856 R 15603



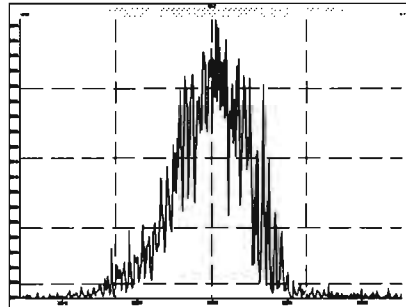
M 268.9824 R 13354



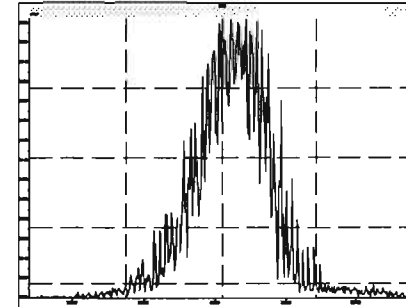
M 280.9824 R 15630



M 254.9856 R 14045

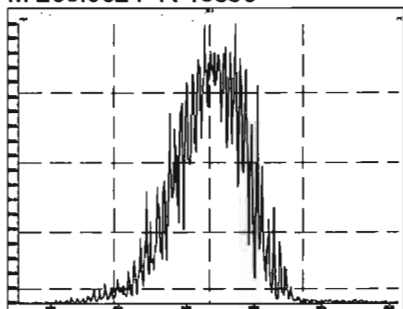


M 268.9824 R 13624

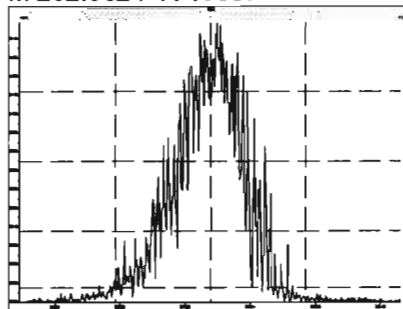


Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

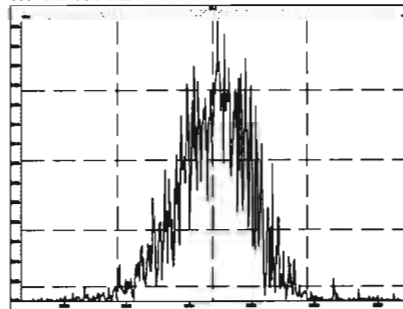
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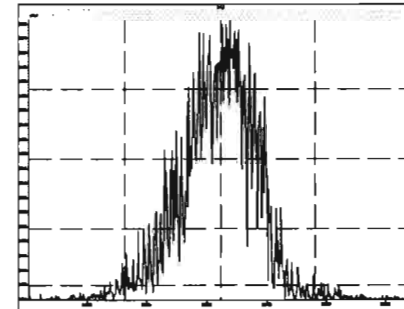
M 292.9824 R 15307



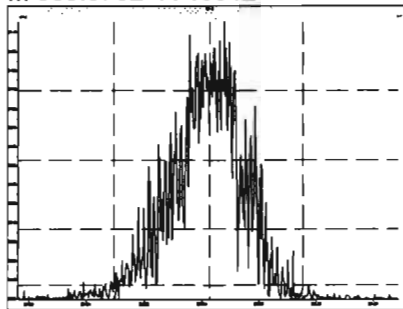
M 304.9824 R 15073



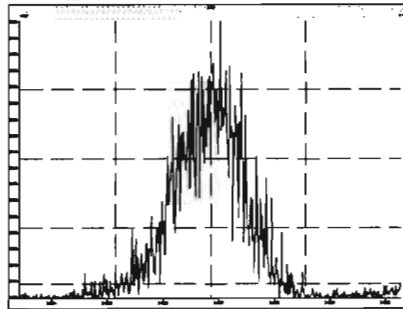
M 318.9792 R 15542



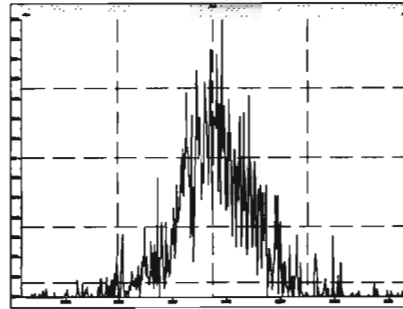
M 330.9792 R 13512



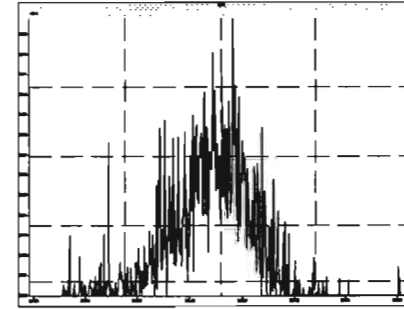
M 342.9792 R 14258



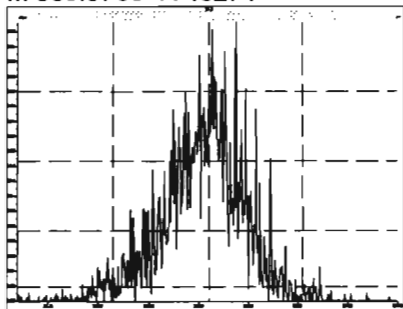
M 354.9792 R 18193



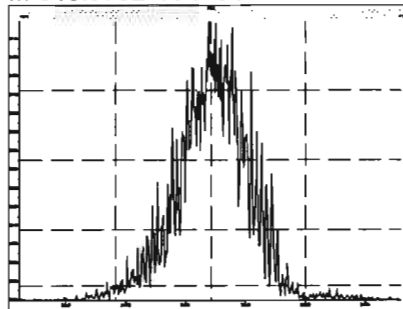
M 366.9792 R 22500



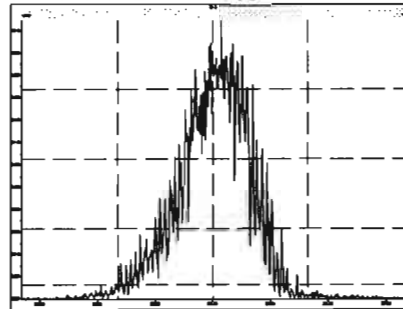
M 380.9760 R 15271



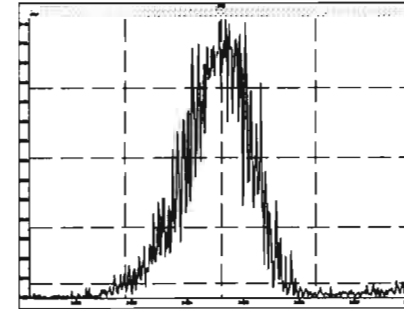
M 318.9792 R 13540



M 330.9792 R 13440

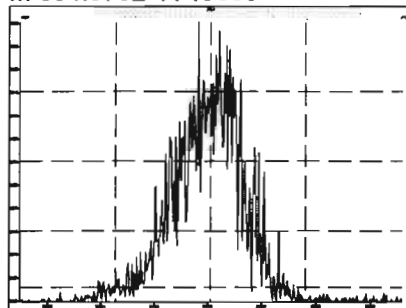


M 342.9792 R 14031

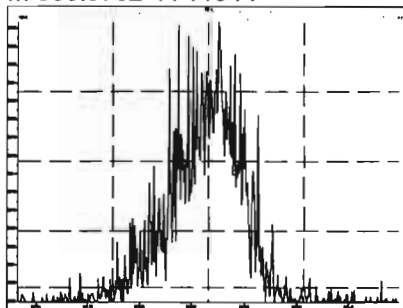


Printed: Thursday, June 18, 2020 00:33:42 Pacific Daylight Time

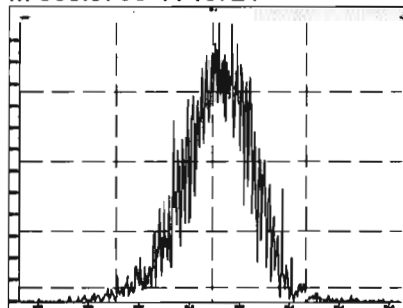
M 354.9792 R 15008



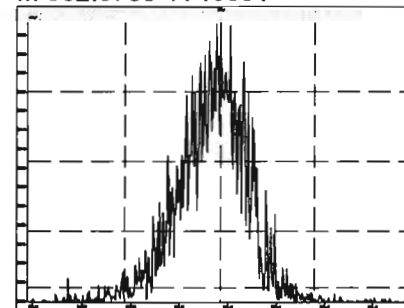
M 366.9792 R 14044



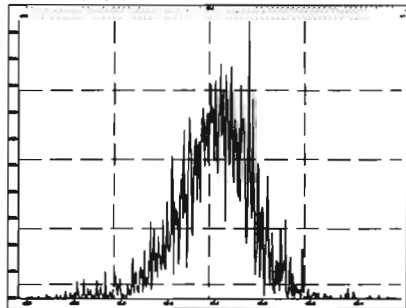
M 380.9760 R 13721



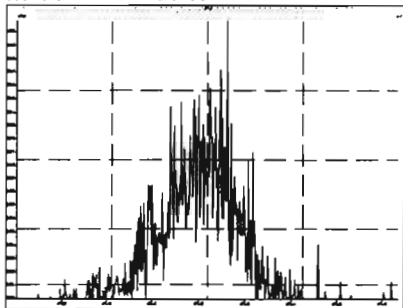
M 392.9760 R 16001



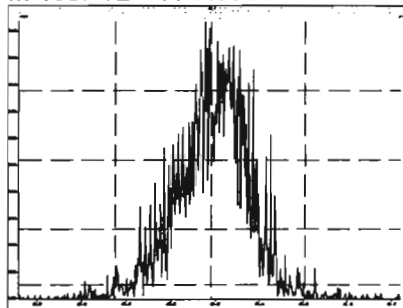
M 404.9760 R 16726



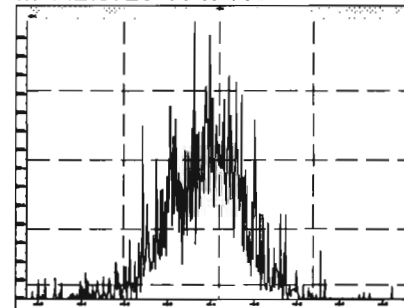
M 416.9760 R 17993



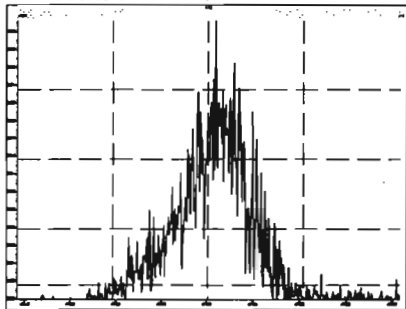
M 430.9728 R 14770



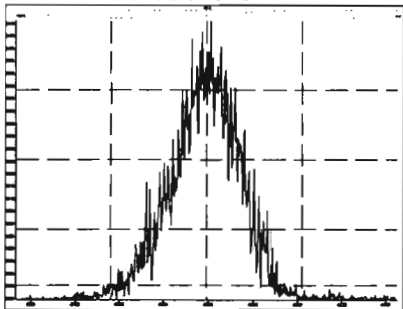
M 442.9728 R 17410



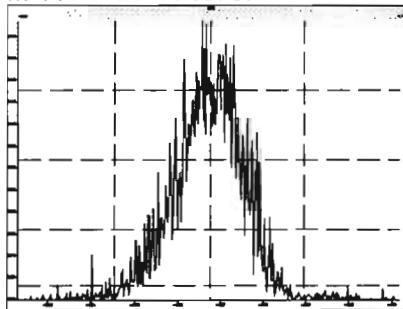
M 416.9760 R 14748



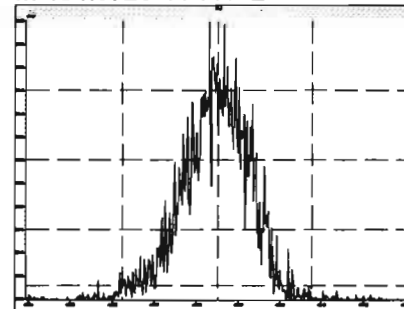
M 430.9728 R 13557



M 442.9728 R 13737

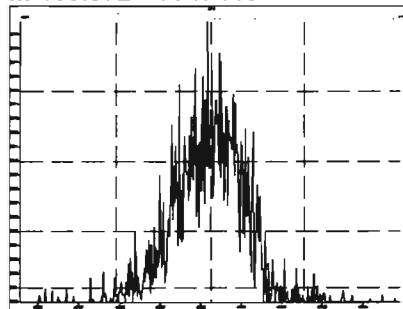


M 454.9728 R 14352

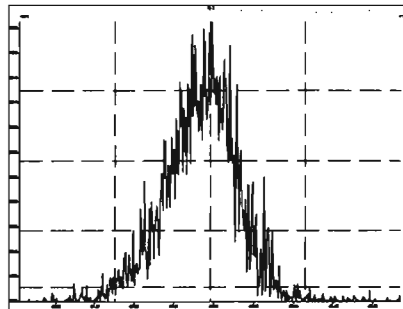


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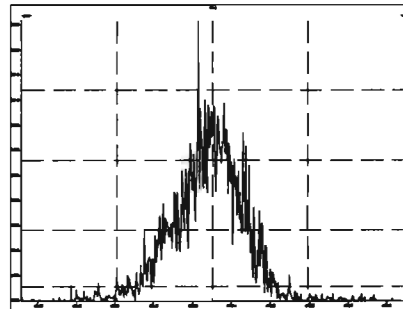
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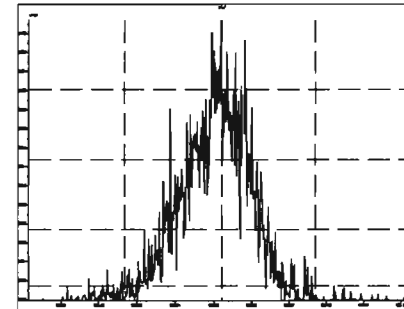
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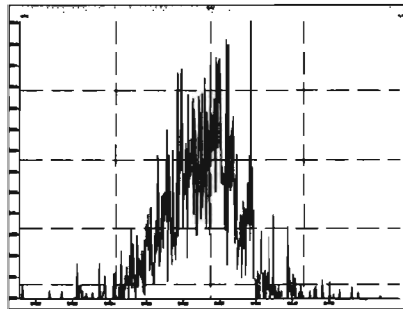
M 492.9696 R 15021



M 504.9696 R 14962



M 516.9697 R 16672



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Reg. Calibration ID: ST200617K2-1

Reviewed By: CT 06/12/2020

Initials & Date

End Calibration ID: NA

	<u>Reg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Concentrations within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Correct ICAL referenced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Run Log:</u>		
- Correct Instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	(Y)	N
- Bottle position verified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mass resolution ≥

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

Intergrated peaks display correctly?

GC Break <20%

8280 CS1 End Standard:

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

Comments:

ⓐ 1 mass affected by column bleed.

	<u>Reg.</u>	<u>End</u>
Ion abundance within QC limits?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Concentrations within criteria?	<input type="checkbox"/>	<input type="checkbox"/>
TCDD/TCDF Valleys <25%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
First and last eluters present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Retention Times within criteria?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Forms signed and dated?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Correct ICAL referenced?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Run Log:</u>		
- Correct Instrument listed?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
- Samples within 12 hour clock?	(Y)	N
- Bottle position verified?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Hz 6-18-2020

CT 06/18/2020

Method: U:\VG11.PRO\MethDB\PCB-209_ZB1_6-13-20.mdb 14 Jun 2020 13:31:38
Calibration: U:\VG11.PRO\CurveDB\db1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
1	1 PCB-1	9.83e5	3.14	NO	1.17	1.000	15.53	15.54	1.001	1.002	NO	55.04	110	0.0120	55.04
2	2 PCB-2	9.99e5	3.13	NO	1.18	1.000	17.95	17.95	0.988	0.988	NO	53.55	107	0.0117	53.55
3	3 PCB-3	9.88e5	3.15	NO	1.15	1.000	18.18	18.19	1.001	1.001	NO	54.59	109	0.0121	54.59
4	4 PCB-4/10	1.44e6	1.53	NO	1.25	1.000	19.60	19.60	1.004	1.004	NO	100.8	101	0.0572	100.8
5	5 PCB-7/9	1.78e6	1.54	NO	0.960	1.000	21.41	21.40	1.003	1.002	NO	99.49	99.5	0.0473	99.49
6	6 PCB-6	9.47e5	1.55	NO	1.02	1.000	22.06	22.05	1.033	1.033	NO	49.80	99.6	0.0444	49.80
7	7 PCB-5/8	1.88e6	1.54	NO	0.992	1.000	22.47	22.46	1.052	1.052	NO	102.0	102	0.0458	102.0
8	8 PCB-14	9.82e5	1.55	NO	1.02	1.000	23.60	23.60	0.952	0.951	NO	50.50	101	0.0460	50.50
9	9 PCB-11	1.07e6	1.56	NO	1.13	1.000	24.82	24.82	1.001	1.001	NO	49.58	99.2	0.0415	49.58
10	10 PCB-12/13	2.05e6	1.55	NO	1.03	1.000	25.25	25.20	1.018	1.016	NO	104.2	104	0.0456	104.2
11	11 PCB-15	1.04e6	1.55	NO	1.03	1.000	25.57	25.55	1.031	1.030	NO	52.45	105	0.0452	52.45
12	12 PCB-19	5.33e5	1.03	NO	1.11	1.000	23.79	23.78	1.001	1.001	NO	55.57	111	0.0230	55.57
13	13 PCB-30	8.65e5	1.04	NO	1.79	1.000	24.69	24.69	1.039	1.039	NO	55.65	111	0.0142	55.65
14	14 PCB-18	5.75e5	1.03	NO	0.818	1.000	25.46	25.46	0.952	0.952	NO	55.98	112	0.0214	55.98
15	15 PCB-17	5.43e5	1.03	NO	0.758	1.000	25.64	25.64	0.958	0.958	NO	56.96	114	0.0231	56.96
16	16 PCB-24/27	1.52e6	1.03	NO	1.08	1.000	26.25	26.23	0.981	0.980	NO	111.9	112	0.0162	111.9
17	17 PCB-16/32	1.31e6	1.04	NO	0.925	1.000	26.77	26.76	1.001	1.000	NO	113.0	113	0.0189	113.0
18	18 PCB-34	9.29e5	1.03	NO	0.945	1.000	27.58	27.58	0.959	0.959	NO	56.59	113	0.0219	56.59
19	19 PCB-23	7.98e5	1.05	NO	0.883	1.000	27.67	27.67	0.962	0.962	NO	52.10	104	0.0235	52.10
20	20 PCB-29	8.34e5	1.04	NO	0.893	1.000	27.93	27.93	0.971	0.971	NO	53.82	108	0.0232	53.82
21	21 PCB-26	8.92e5	1.02	NO	0.944	1.000	28.16	28.16	0.979	0.979	NO	54.45	109	0.0219	54.45
22	22 PCB-25	8.93e5	1.04	NO	0.950	1.000	28.31	28.31	0.984	0.984	NO	54.17	108	0.0218	54.17
23	23 PCB-31	1.01e6	1.03	NO	1.04	1.000	28.68	28.68	0.997	0.997	NO	56.27	113	0.0200	56.27
24	24 PCB-28	9.46e5	1.06	NO	1.03	1.000	28.79	28.79	1.001	1.001	NO	53.16	106	0.0202	53.16
25	25 PCB-20/21/33	2.68e6	1.04	NO	0.941	1.000	29.43	29.40	1.023	1.022	NO	164.0	109	0.0220	164.0
26	26 PCB-22	9.23e5	1.03	NO	0.973	1.000	29.87	29.87	1.038	1.038	NO	54.67	109	0.0213	54.67
27	27 PCB-36	9.57e5	1.03	NO	1.08	1.000	30.50	30.50	0.931	0.931	NO	52.94	106	0.0203	52.94
28	28 PCB-39	8.85e5	1.04	NO	0.988	1.000	30.98	30.99	0.946	0.946	NO	53.32	107	0.0221	53.32
29	29 PCB-38	9.27e5	1.03	NO	1.05	1.000	31.78	31.78	0.970	0.970	NO	52.49	105	0.0208	52.49
30	30 PCB-35	9.26e5	1.02	NO	1.04	1.000	32.32	32.33	0.987	0.987	NO	52.81	106	0.0209	52.81
31	31 PCB-37	9.09e5	1.03	NO	1.01	1.000	32.77	32.77	1.001	1.001	NO	53.61	107	0.0217	53.61
32	32 PCB-54	7.36e5	0.77	NO	1.08	1.000	27.62	27.64	1.001	1.001	NO	56.58	113	0.0235	56.58

75-155

u

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

Last Altered: Thursday, June 18, 2020 07:57:26 Pacific Daylight Time

Printed: Thursday, June 18, 2020 08:24:05 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/vol	Prod.RT	RT	Prod.R...	RRT	Check.RRT	Conc	%Rec	DL	EMPC
33	PCB-50	5.98e5	0.78	NO	0.880	1.000	28.81	28.83	1.044	1.044	NO	56.43	113	0.0289	56.43
34	PCB-53	5.54e5	0.77	NO	0.997	1.000	29.50	29.50	0.944	0.944	NO	57.34	115	0.0321	57.34
35	PCB-51	5.93e5	0.77	NO	1.07	1.000	29.84	29.85	0.955	0.955	NO	57.51	115	0.0300	57.51
36	PCB-45	4.75e5	0.77	NO	0.858	1.000	30.29	30.30	0.969	0.970	NO	57.13	114	0.0373	57.13
37	PCB-46	4.48e5	0.78	NO	0.831	1.000	30.78	30.80	0.985	0.986	NO	55.69	111	0.0385	55.69
38	PCB-52/69	1.30e6	0.76	NO	1.17	1.000	31.28	31.28	1.001	1.001	NO	114.7	115	0.0274	114.7
39	PCB-73	7.66e5	0.79	NO	1.44	1.000	31.40	31.41	1.005	1.005	NO	54.80	110	0.0222	54.80
40	PCB-43/49	1.10e6	0.76	NO	1.02	1.000	31.57	31.58	1.010	1.011	NO	111.5	112	0.0315	111.5
41	PCB-47	5.27e5	0.77	NO	0.922	1.000	31.79	31.80	1.001	1.001	NO	56.04	112	0.0322	56.04
42	PCB-48/75	1.31e6	0.77	NO	1.12	1.000	31.90	31.92	1.004	1.005	NO	114.5	114	0.0265	114.5
43	PCB-65	7.01e5	0.76	NO	1.28	1.000	32.17	32.18	1.013	1.013	NO	53.60	107	0.0232	53.60
44	PCB-62	6.78e5	0.76	NO	1.13	1.000	32.28	32.29	1.016	1.016	NO	58.96	118	0.0263	58.96
45	PCB-44	4.70e5	0.78	NO	0.824	1.000	32.62	32.62	1.027	1.027	NO	55.91	112	0.0360	55.91
46	PCB-42/59	1.20e6	0.79	NO	1.05	1.000	32.85	32.85	1.034	1.034	NO	112.1	112	0.0283	112.1
47	PCB-41/64/71/72	2.76e6	0.77	NO	1.19	1.000	33.45	33.46	1.053	1.053	NO	228.3	114	0.0250	228.3
48	PCB-68	7.28e5	0.78	NO	1.28	1.000	33.70	33.72	1.061	1.061	NO	55.88	112	0.0232	55.88
49	PCB-40	3.61e5	0.76	NO	0.602	1.000	33.93	33.94	1.068	1.069	NO	58.85	118	0.0493	58.85
50	PCB-57	7.68e5	0.78	NO	1.16	1.000	34.31	34.32	0.969	0.970	NO	54.67	109	0.0226	54.67
51	PCB-67	7.26e5	0.77	NO	1.08	1.000	34.62	34.63	0.978	0.978	NO	55.45	111	0.0242	55.45
52	PCB-58	7.89e5	0.79	NO	1.20	1.000	34.74	34.74	0.982	0.982	NO	54.29	109	0.0218	54.29
53	PCB-63	7.07e5	0.77	NO	1.07	1.000	34.90	34.91	0.986	0.986	NO	54.64	109	0.0245	54.64
54	PCB-74	8.02e5	0.77	NO	1.19	1.000	35.20	35.21	0.994	0.995	NO	56.05	112	0.0221	56.05
55	PCB-61/70	1.42e6	0.78	NO	1.05	1.000	35.41	35.34	1.000	0.998	NO	111.5	111	0.0249	111.5
56	PCB-76/66	1.52e6	0.77	NO	1.16	1.000	35.60	35.60	1.006	1.006	NO	108.2	108	0.0225	108.2
57	PCB-80	7.93e5	0.79	NO	1.19	1.000	35.86	35.86	1.001	1.000	NO	53.99	108	0.0203	53.99
58	PCB-55	7.91e5	0.77	NO	1.17	1.000	36.18	36.19	1.010	1.010	NO	54.67	109	0.0206	54.67
59	PCB-56/60	1.38e6	0.76	NO	1.02	1.000	36.70	36.70	1.024	1.024	NO	109.7	110	0.0236	109.7
60	PCB-79	7.55e5	0.77	NO	1.14	1.000	37.80	37.80	1.055	1.054	NO	53.58	107	0.0211	53.58
61	PCB-78	7.29e5	0.77	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	55.40	111	0.0231	55.40
62	PCB-81	6.52e5	0.77	NO	1.05	1.000	39.06	39.06	1.000	1.000	NO	53.80	108	0.0251	53.80
63	PCB-77	7.02e5	0.77	NO	1.14	1.000	39.68	39.67	1.000	1.000	NO	55.67	111	0.0243	55.67
64	PCB-104	4.18e5	1.60	NO	1.12	1.000	32.46	32.47	1.001	1.001	NO	56.94	114	0.0230	56.94
65	PCB-96	4.30e5	1.59	NO	1.15	1.000	33.78	33.78	1.041	1.041	NO	57.07	114	0.0223	57.07
66	PCB-103	3.42e5	1.62	NO	0.936	1.000	34.34	34.33	1.059	1.059	NO	55.92	112	0.0275	55.92
67	PCB-100	3.49e5	1.58	NO	0.954	1.000	34.69	34.69	1.069	1.069	NO	55.96	112	0.0270	55.96
68	PCB-94	2.68e5	1.59	NO	0.949	1.000	35.19	35.19	0.985	0.985	NO	54.24	108	0.0339	54.24

75-1357

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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Pred.RT	RT	Pred.R	RRT	Check RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	1.08e6	1.58	NO	1.20	1.000	35.67	35.66	0.999	0.998	NO	172.0	115	0.0267	172.0
70	70 PCB-93	2.45e5	1.61	NO	0.935	1.000	35.79	35.81	1.002	1.003	NO	50.26	101	0.0344	50.26
71	71 PCB-88/91	5.71e5	1.57	NO	1.06	1.000	36.14	36.14	1.012	1.012	NO	102.9	103	0.0302	102.9
72	72 PCB-121	5.26e5	1.57	NO	1.71	1.000	36.23	36.23	1.015	1.015	NO	58.99	118	0.0188	58.99
73	73 PCB-84/92	5.74e5	1.58	NO	1.02	1.000	37.10	37.09	0.990	0.990	NO	110.8	111	0.0322	110.8
74	74 PCB-89	3.18e5	1.60	NO	1.11	1.000	37.27	37.28	0.995	0.995	NO	56.52	113	0.0297	56.52
75	75 PCB-90/101	6.27e5	1.60	NO	1.12	1.000	37.48	37.46	1.000	1.000	NO	109.7	110	0.0292	109.7
76	76 PCB-113	4.47e5	1.61	NO	1.51	1.000	37.72	37.72	1.007	1.007	NO	57.97	116	0.0217	57.97
77	77 PCB-99	3.39e5	1.59	NO	1.32	1.000	37.81	37.81	1.009	1.009	NO	50.38	101	0.0248	50.38
78	78 PCB-119	4.32e5	1.58	NO	1.81	1.000	38.30	38.30	0.987	0.987	NO	53.82	108	0.0207	53.82
79	79 PCB-108/112	7.18e5	1.60	NO	1.44	1.000	38.46	38.45	0.991	0.991	NO	111.7	112	0.0258	111.7
80	80 PCB-83	4.51e5	1.58	NO	1.83	1.000	38.61	38.61	0.995	0.995	NO	55.36	111	0.0204	55.36
81	81 PCB-97	3.08e5	1.57	NO	1.28	1.000	38.82	38.82	1.000	1.000	NO	54.04	108	0.0291	54.03
82	82 PCB-86	3.10e5	1.58	NO	1.12	1.000	38.97	38.97	1.004	1.004	NO	62.45	125	0.0334	62.45
83	83 PCB-87/117/125	1.14e6	1.61	NO	1.56	1.000	39.12	39.10	1.008	1.008	NO	164.7	110	0.0239	164.7
84	84 PCB-111/115	8.85e5	1.57	NO	1.91	1.000	39.27	39.27	1.012	1.012	NO	104.0	104	0.0195	104.0
85	85 PCB-85/116	7.26e5	1.60	NO	1.41	1.000	39.40	39.40	1.015	1.015	NO	115.7	116	0.0264	115.7
86	86 PCB-120	4.85e5	1.58	NO	2.01	1.000	39.66	39.66	1.022	1.022	NO	54.37	109	0.0186	54.37
87	87 PCB-110	4.16e5	1.61	NO	1.74	1.000	39.79	39.79	1.026	1.025	NO	53.62	107	0.0214	53.62
88	88 PCB-82	2.56e5	1.54	NO	0.781	1.000	40.44	40.44	0.976	0.976	NO	57.04	114	0.0373	57.04
89	89 PCB-124	4.29e5	1.58	NO	1.40	1.000	41.15	41.15	0.993	0.993	NO	53.43	107	0.0208	53.43
90	90 PCB-107/109	8.89e5	1.61	NO	1.34	1.000	41.29	41.29	0.996	0.996	NO	115.4	115	0.0217	115.4
91	91 PCB-123	3.92e5	1.60	NO	1.20	1.000	41.46	41.46	1.000	1.000	NO	56.92	114	0.0243	56.92
92	92 PCB-106/118	8.25e5	1.60	NO	1.22	1.000	41.67	41.69	1.001	1.001	NO	111.4	111	0.0233	111.4
93	93 PCB-114	6.58e5	1.56	NO	1.14	1.000	42.33	42.32	1.000	1.000	NO	51.00	102	0.0258	51.00
94	94 PCB-122	5.92e5	1.59	NO	0.944	1.000	42.47	42.47	1.004	1.004	NO	55.45	111	0.0312	55.45
95	95 PCB-105	6.32e5	1.56	NO	1.05	1.000	43.21	43.23	1.000	1.001	NO	53.24	106	0.0287	53.24
96	96 PCB-127	6.66e5	1.58	NO	1.06	1.000	43.57	43.57	1.000	1.000	NO	53.70	107	0.0272	53.70
97	97 PCB-126	6.68e5	1.55	NO	1.17	1.000	45.52	45.53	1.000	1.000	NO	53.26	107	0.0264	53.26
98	98 PCB-155	1.86e5	1.33	NO	1.04	1.000	36.99	36.99	1.000	1.000	NO	53.31	107	0.0134	53.31
99	99 PCB-150	1.98e5	1.32	NO	1.08	1.000	38.32	38.32	1.036	1.036	NO	54.64	109	0.0129	54.64
100	1... PCB-152	2.16e5	1.33	NO	1.19	1.000	38.80	38.80	1.049	1.049	NO	54.47	109	0.0118	54.47
101	1... PCB-145	2.14e5	1.30	NO	1.19	1.000	39.27	39.27	1.062	1.062	NO	53.67	107	0.0118	53.67
102	1... PCB-136	1.93e5	1.30	NO	1.02	1.000	39.60	39.60	1.071	1.071	NO	56.52	113	0.0137	56.52
103	1... PCB-148	1.41e5	1.32	NO	0.842	1.000	39.71	39.71	1.074	1.074	NO	49.98	100	0.0166	49.98
104	1... PCB-154	1.62e5	1.32	NO	0.919	1.000	40.22	40.22	1.088	1.088	NO	52.63	105	0.0152	52.63

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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	rv	RRF	w/Vol	Pred.RT	RT	Pred.R...	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
105	1... PCB-151	1.40e5	1.30	NO	0.787	1.000	40.88	40.87	1.105	1.105	NO	53.00	106	0.0178	53.00
106	1... PCB-135	1.51e5	1.32	NO	0.922	1.000	41.09	41.09	1.111	1.111	NO	48.91	97.8	0.0152	48.91
107	1... PCB-144	1.50e5	1.33	NO	0.789	1.000	41.20	41.20	1.114	1.114	NO	56.88	114	0.0177	56.88
108	1... PCB-147	1.45e5	1.34	NO	0.834	1.000	41.33	41.35	1.118	1.118	NO	51.99	104	0.0167	51.99
109	1... PCB-139/149	3.20e5	1.30	NO	0.948	1.000	41.62	41.61	1.125	1.125	NO	100.7	101	0.0147	100.7
110	1... PCB-140	1.41e5	1.34	NO	0.794	1.000	41.80	41.81	1.130	1.131	NO	53.07	106	0.0176	53.06
111	1... PCB-134/143	7.63e5	1.24	NO	0.759	1.000	42.28	42.27	0.975	0.975	NO	112.6	113	0.0586	112.6
112	1... PCB-131/133	8.19e5	1.24	NO	0.821	1.000	42.58	42.57	0.982	0.982	NO	111.7	112	0.0542	111.7
113	1... PCB-142	3.68e5	1.23	NO	0.754	1.000	42.72	42.72	0.985	0.985	NO	54.61	109	0.0590	54.61
114	1... PCB-146/165	9.90e5	1.24	NO	1.02	1.000	42.97	42.97	0.991	0.991	NO	109.1	109	0.0437	109.1
115	1... PCB-132/161	9.89e5	1.22	NO	1.02	1.000	43.20	43.19	0.996	0.996	NO	108.2	108	0.0434	108.2
116	1... PCB-153	4.95e5	1.21	NO	1.07	1.000	43.38	43.38	1.000	1.000	NO	51.77	104	0.0415	51.77
117	1... PCB-168	5.22e5	1.23	NO	1.08	1.000	43.61	43.61	1.006	1.006	NO	54.25	108	0.0413	54.25
118	1... PCB-141	4.20e5	1.24	NO	1.03	1.000	44.14	44.16	1.000	1.001	NO	54.65	109	0.0529	54.65
119	1... PCB-137	4.22e5	1.22	NO	1.11	1.000	44.54	44.54	1.010	1.009	NO	50.72	101	0.0489	50.72
120	1... PCB-130	3.70e5	1.23	NO	0.885	1.000	44.64	44.65	1.012	1.012	NO	55.82	112	0.0613	55.82
121	1... PCB-138/163/164	1.60e6	1.25	NO	1.28	1.000	45.03	45.05	1.001	1.001	NO	164.3	110	0.0418	164.3
122	1... PCB-158/160	1.03e6	1.20	NO	1.24	1.000	45.28	45.28	1.006	1.006	NO	109.8	110	0.0433	109.8
123	1... PCB-129	3.50e5	1.23	NO	0.867	1.000	45.54	45.54	1.012	1.012	NO	53.12	106	0.0620	53.12
124	1... PCB-166	5.76e5	1.24	NO	1.14	1.000	46.01	46.00	0.993	0.993	NO	54.52	109	0.0377	54.52
125	1... PCB-159	6.20e5	1.25	NO	1.22	1.000	46.34	46.34	1.000	1.000	NO	55.20	110	0.0354	55.20
126	1... PCB-128/162	9.36e5	1.25	NO	0.907	1.000	46.63	46.64	1.007	1.007	NO	111.6	112	0.0474	111.6
127	1... PCB-167	5.59e5	1.26	NO	1.11	1.000	47.04	47.04	1.000	1.000	NO	54.38	109	0.0402	54.38
128	1... PCB-156	5.54e5	1.25	NO	1.13	1.000	48.39	48.39	1.000	1.000	NO	54.63	109	0.0413	54.63
129	1... PCB-157	5.08e5	1.25	NO	1.04	1.000	48.67	48.65	1.001	1.000	NO	54.91	110	0.0438	54.91
130	1... PCB-169	5.38e5	1.23	NO	1.16	1.000	50.93	50.92	1.000	1.000	NO	54.01	108	0.0425	54.01
131	1... PCB-188	4.35e5	1.03	NO	1.29	1.000	43.03	43.01	1.001	1.000	NO	54.14	108	0.0338	54.14
132	1... PCB-184	4.18e5	1.03	NO	1.23	1.000	43.46	43.48	1.011	1.012	NO	54.55	109	0.0354	54.55
133	1... PCB-179	4.30e5	1.04	NO	1.30	1.000	44.28	44.28	1.030	1.030	NO	53.17	106	0.0336	53.17
134	1... PCB-176	4.30e5	1.04	NO	1.31	1.000	44.74	44.75	1.041	1.041	NO	52.76	106	0.0333	52.76
135	1... PCB-186	4.59e5	1.06	NO	1.33	1.000	45.37	45.37	1.055	1.056	NO	55.48	111	0.0328	55.48
136	1... PCB-178	3.12e5	1.06	NO	0.943	1.000	45.89	45.88	1.067	1.067	NO	53.05	106	0.0462	53.05
137	1... PCB-175	3.16e5	1.03	NO	0.956	1.000	46.24	46.24	1.076	1.076	NO	53.01	106	0.0456	53.01
138	1... PCB-182/187	7.15e5	1.05	NO	1.07	1.000	46.42	46.44	1.080	1.080	NO	107.7	108	0.0409	107.7
139	1... PCB-183	3.43e5	1.03	NO	1.02	1.000	46.76	46.76	1.088	1.088	NO	53.80	108	0.0426	53.80
140	1... PCB-185	3.18e5	1.05	NO	1.41	1.000	47.44	47.44	0.955	0.955	NO	55.17	110	0.0485	55.17

75/147

Dataset: U:\VG11.PRO\Results\200617K2\200617K2-2.qld

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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRP	wt/vol	Pred.RT	RT	Pred.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
141	1... PCB-174	2.91e5	1.04	NO	1.35	1.000	47.83	47.82	0.962	0.962	NO	52.35	105	0.0504	52.35
142	1... PCB-181	3.51e5	1.05	NO	1.47	1.000	47.91	47.91	0.964	0.964	NO	57.99	116	0.0462	57.99
143	1... PCB-177	2.87e5	1.04	NO	1.28	1.000	48.08	48.08	0.968	0.968	NO	54.71	109	0.0534	54.71
144	1... PCB-171	2.95e5	1.03	NO	1.32	1.000	48.38	48.39	0.974	0.974	NO	54.70	109	0.0518	54.70
145	1... PCB-173	2.71e5	1.06	NO	1.19	1.000	48.82	48.82	0.983	0.983	NO	55.52	111	0.0573	55.52
146	1... PCB-172	3.07e5	1.06	NO	1.38	1.000	49.30	49.29	0.992	0.992	NO	54.50	109	0.0496	54.50
147	1... PCB-192	4.00e5	1.06	NO	1.83	1.000	49.48	49.49	0.996	0.996	NO	53.44	107	0.0373	53.44
148	1... PCB-180	3.11e5	1.04	NO	1.41	1.000	49.71	49.71	1.000	1.000	NO	53.81	108	0.0483	53.81
149	1... PCB-193	3.65e5	1.05	NO	1.68	1.000	49.92	49.92	1.005	1.005	NO	53.09	106	0.0407	53.09
150	1... PCB-191	3.73e5	1.07	NO	1.71	1.000	50.19	50.19	1.010	1.010	NO	53.21	106	0.0399	53.21
151	1... PCB-170	2.70e5	1.04	NO	1.40	1.000	51.38	51.38	1.000	1.000	NO	54.69	109	0.0577	54.69
152	1... PCB-190	3.58e5	1.07	NO	1.85	1.000	51.57	51.57	1.004	1.004	NO	54.92	110	0.0437	54.92
153	1... PCB-189	3.63e5	1.07	NO	1.45	1.000	53.11	53.08	1.000	1.000	NO	54.07	108	0.0380	54.07
154	1... PCB-202	2.43e5	0.90	NO	1.17	1.000	48.61	48.59	1.001	1.000	NO	53.48	107	0.0195	53.48
155	1... PCB-201	2.24e5	0.89	NO	1.05	1.000	49.10	49.11	1.011	1.011	NO	54.73	109	0.0216	54.73
156	1... PCB-204	2.36e5	0.92	NO	1.14	1.000	49.25	49.26	1.014	1.014	NO	53.28	107	0.0200	53.28
157	1... PCB-197	2.36e5	0.94	NO	1.13	1.000	49.57	49.58	1.020	1.021	NO	53.69	107	0.0201	53.69
158	1... PCB-200	2.30e5	0.91	NO	1.07	1.000	50.50	50.51	1.040	1.040	NO	55.37	111	0.0213	55.37
159	1... PCB-198	1.78e5	0.90	NO	0.794	1.000	52.08	52.06	1.072	1.072	NO	57.87	116	0.0287	57.87
160	1... PCB-199	1.69e5	0.92	NO	0.809	1.000	52.18	52.19	1.074	1.074	NO	53.71	107	0.0281	53.71
161	1... PCB-196/203	3.66e5	0.90	NO	0.838	1.000	52.50	52.50	1.081	1.081	NO	112.3	112	0.0272	112.3
162	1... PCB-195	3.52e5	0.89	NO	1.04	1.000	53.80	53.79	0.984	0.983	NO	51.00	102	0.0427	51.00
163	1... PCB-194	3.90e5	0.89	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	52.79	106	0.0399	52.79
164	1... PCB-205	4.81e5	0.89	NO	1.29	1.000	54.98	54.98	1.005	1.005	NO	56.38	113	0.0346	56.38
165	1... PCB-208	3.96e5	1.32	NO	0.933	1.000	53.94	53.94	1.000	1.000	NO	53.35	107	0.0588	53.35
166	1... PCB-207	3.93e5	1.37	NO	0.916	1.000	54.26	54.28	1.006	1.007	NO	53.85	108	0.0599	53.85
167	1... PCB-206	2.97e5	1.31	NO	1.01	1.000	56.24	56.24	1.000	1.000	NO	52.63	105	0.0733	52.63
168	1... PCB-209	2.65e5	1.22	NO	0.986	1.000	57.47	57.48	1.000	1.000	NO	53.71	107	0.0103	53.71
169	1... 13C-PCB-1	1.53e6	3.30	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	85.29	85.3	0.0423	
170	1... 13C-PCB-3	1.58e6	3.35	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	86.29	86.3	0.0414	
171	1... 13C-PCB-4	1.14e6	1.59	NO	0.600	1.000	19.52	19.52	0.765	0.765	NO	95.05	95.0	0.0373	
172	1... 13C-PCB-9	1.86e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	95.54	95.5	0.0231	
173	1... 13C-PCB-11	1.91e6	1.59	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.12	99.1	0.0232	
174	1... 13C-PCB-19	8.67e5	1.05	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	86.59	86.6	0.346	
175	1... 13C-PCB-32	1.26e6	1.05	NO	0.744	1.000	26.75	26.75	1.048	1.048	NO	84.22	84.2	0.232	
176	1... 13C-PCB-28	1.74e6	1.05	NO	1.06	1.000	28.77	28.77	1.004	1.004	NO	91.44	91.4	0.272	

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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

#	Name	Resp	RA	n/y	RRF	wt/Vol	Prod.RT	RT	Prod.R...	RRT	Check RRT	Conc.	%Rec	DL	EMPC
177	1... 13C-PCB-37	1.68e6	1.02	NO	0.989	1.000	32.75	32.75	1.143	1.143	NO	95.21	95.2	0.293	
178	1... 13C-PCB-54	1.20e6	0.79	NO	0.999	1.000	27.62	27.60	0.753	0.752	NO	100.7	101	0.0621	
179	1... 13C-PCB-52	9.68e5	0.78	NO	0.804	1.000	31.26	31.25	0.852	0.852	NO	100.6	101	0.0772	
180	1... 13C-PCB-47	1.02e6	0.77	NO	0.857	1.000	31.77	31.77	0.866	0.866	NO	99.37	99.4	0.0724	
181	1... 13C-PCB-70	1.21e6	0.80	NO	0.996	1.000	35.41	35.40	0.965	0.965	NO	101.3	101	0.0624	
182	1... 13C-PCB-80	1.24e6	0.79	NO	1.03	1.000	35.84	35.84	0.977	0.977	NO	100.6	101	0.0604	
183	1... 13C-PCB-81	1.16e6	0.79	NO	0.988	1.000	39.04	39.04	1.064	1.064	NO	97.90	97.9	0.0629	
184	1... 13C-PCB-77	1.11e6	0.81	NO	0.969	1.000	39.66	39.66	1.081	1.081	NO	95.64	95.6	0.0641	
185	1... 13C-PCB-104	6.54e5	1.64	NO	1.02	1.000	32.46	32.44	0.827	0.826	NO	101.2	101	0.0427	
186	1... 13C-PCB-95	5.21e5	1.64	NO	0.805	1.000	35.71	35.71	0.910	0.910	NO	101.9	102	0.0540	
187	1... 13C-PCB-101	5.09e5	1.59	NO	0.793	1.000	37.46	37.46	0.954	0.955	NO	101.1	101	0.0548	
188	1... 13C-PCB-97	4.45e5	1.65	NO	0.696	1.000	38.80	38.80	0.989	0.989	NO	100.6	101	0.0624	
189	1... 13C-PCB-123	5.74e5	1.62	NO	0.933	1.000	41.44	41.44	1.056	1.056	NO	96.93	96.9	0.0466	
190	1... 13C-PCB-118	6.07e5	1.63	NO	0.986	1.000	41.63	41.63	1.061	1.061	NO	97.02	97.0	0.0441	
191	1... 13C-PCB-114	1.13e6	1.60	NO	1.55	1.000	42.30	42.31	0.908	0.908	NO	110.6	111	0.0446	
192	1... 13C-PCB-105	1.13e6	1.57	NO	1.57	1.000	43.19	43.19	0.927	0.927	NO	108.7	109	0.0439	
193	1... 13C-PCB-127	1.17e6	1.58	NO	1.62	1.000	43.55	43.56	0.934	0.935	NO	109.1	109	0.0425	
194	1... 13C-PCB-126	1.07e6	1.59	NO	1.57	1.000	45.51	45.51	0.976	0.976	NO	103.2	103	0.0440	
195	1... 13C-PCB-155	3.35e5	1.27	NO	0.615	1.000	36.98	36.98	0.942	0.942	NO	85.77	85.8	0.0260	
196	1... 13C-PCB-153	8.93e5	1.28	NO	1.36	1.000	43.36	43.37	0.930	0.930	NO	99.01	99.0	0.0646	
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198	1... 13C-PCB-138	7.60e5	1.29	NO	1.18	1.000	44.99	44.99	0.965	0.965	NO	97.04	97.0	0.0745	
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200	2... 13C-PCB-167	9.27e5	1.28	NO	1.44	1.000	47.02	47.02	1.009	1.009	NO	97.40	97.4	0.0613	
201	2... 13C-PCB-156	9.00e5	1.28	NO	1.40	1.000	48.34	48.37	1.037	1.038	NO	97.52	97.5	0.0632	
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206	2... 13C-PCB-170	3.52e5	0.46	NO	0.794	1.000	51.35	51.36	1.106	1.107	NO	101.0	101	0.0885	
207	2... 13C-PCB-189	4.62e5	0.46	NO	1.04	1.000	53.09	53.08	1.144	1.144	NO	100.7	101	0.0673	
208	2... 13C-PCB-202	3.88e5	0.92	NO	1.04	1.000	48.57	48.58	1.046	1.046	NO	85.39	85.4	0.0434	
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210	2... 13C-PCB-208	7.96e5	0.78	NO	0.991	1.000	53.93	53.93	0.981	0.981	NO	87.11	87.1	0.0768	
211	2... 13C-PCB-206	5.59e5	0.79	NO	0.552	1.000	56.22	56.22	1.023	1.023	NO	109.9	110	0.138	
212	2... 13C-PCB-209	5.01e5	1.19	NO	0.396	1.000	57.48	57.47	1.046	1.046	NO	137.0	137	0.0183	

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214	2... 13C-PCB-31	1.78e6	1.03	NO	1.00	1.000	28.64	28.66	1.000	0.000	NO	100.0	100	0.289	
215	2... 13C-PCB-60	1.20e6	0.79	NO	1.00	1.000	36.66	36.68	1.000	0.000	NO	100.0	100	0.0621	
216	2... 13C-PCB-111	6.35e5	1.62	NO	1.00	1.000	39.23	39.25	1.000	0.000	NO	100.0	100	0.0435	
217	2... 13C-PCB-128	6.61e5	1.25	NO	1.00	1.000	46.59	46.60	1.000	0.000	NO	100.0	100	0.0882	
218	2... 13C-PCB-182	4.39e5	0.46	NO	1.00	1.000	46.40	46.42	0.000	0.000	NO	100.0	100	0.0703	
219	2... 13C-PCB-205	9.22e5	0.93	NO	1.00	1.000	54.97	54.97	1.000	0.000	NO	100.0	100	0.0798	
220	2... 13C-PCB-79	1.26e6	0.80	NO	1.07	1.000	37.78	37.78	1.030	1.030	NO	98.7	98.7	0.0581	
221	2... 13C-PCB-178	4.20e5	0.46	NO	0.766	1.000	45.86	45.87	0.988	0.988	NO	83.01	83.0	0.0588	
222	2... 13C-PCB-79	1.26e6	0.80	NO	1.08	1.000	37.78	37.78	0.968	0.968	NO	100.6	101	0.0584	
223	2... 13C-PCB-178	4.20e5	0.46	NO	1.05	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.6	0.0713	

75-125
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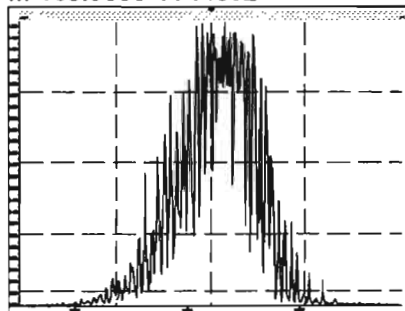
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Compound name: PCB-1

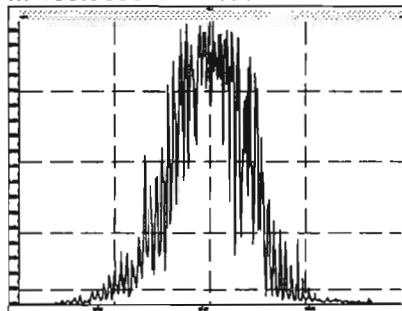
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200617K2_5	2000977-01RE1@10X PDI-153SC-A-00-01-20...	18-Jun-20	04:35:09
200617K2_6	2000967-01RE1@10X PDI-148SC-A-00-01-20...	18-Jun-20	05:35:36
200617K2_7	2000968-02RE1@10X PDI-163SC-A-00-01-20...	18-Jun-20	06:37:43
200617K2_8	2001154-03 PDI-174SC-A-00-01-200521 10	18-Jun-20	07:38:06
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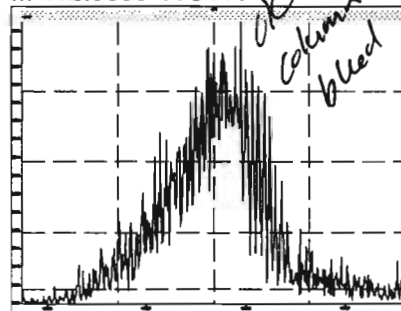
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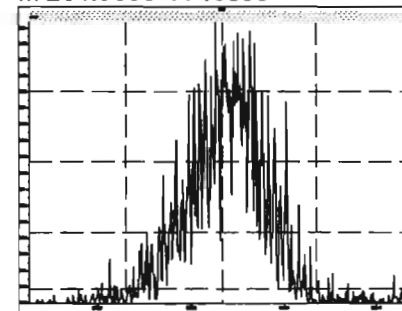
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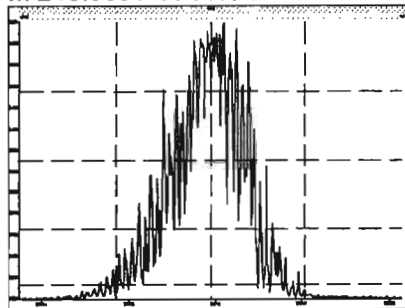
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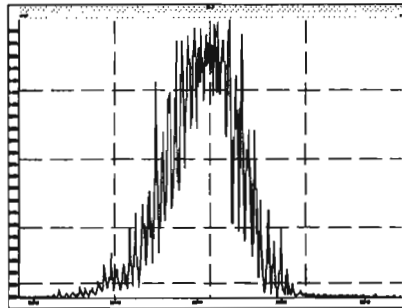
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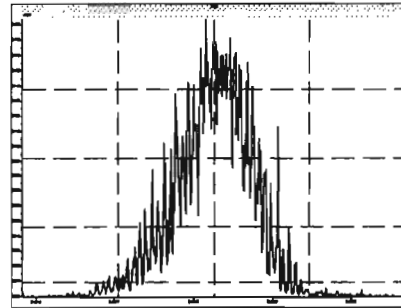
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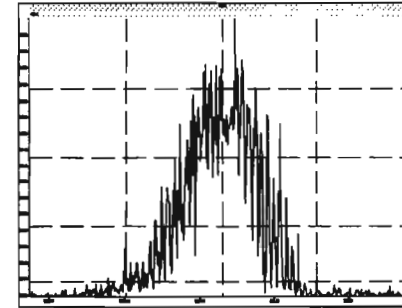
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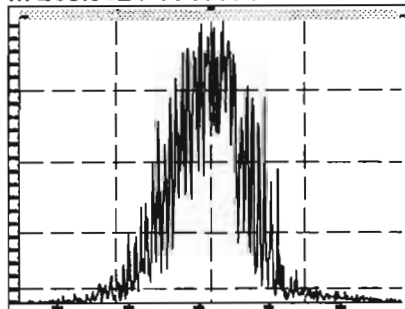
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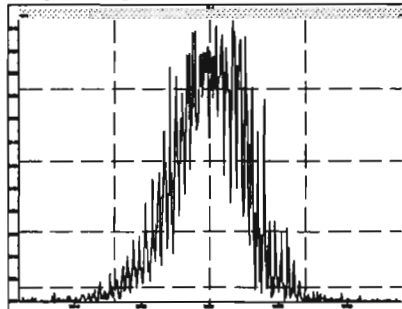
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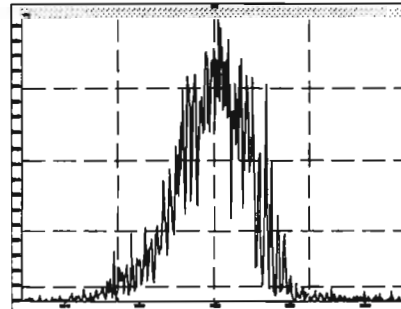
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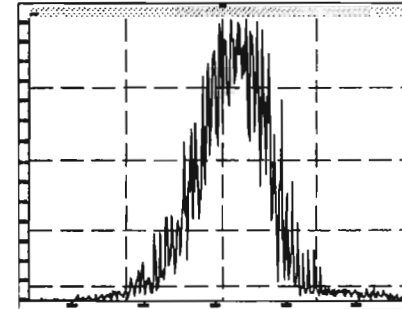
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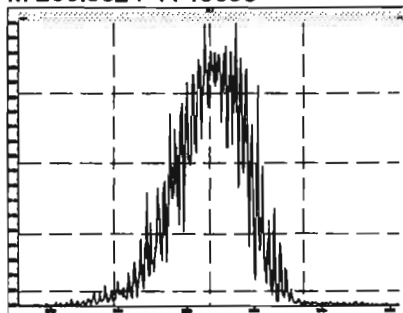


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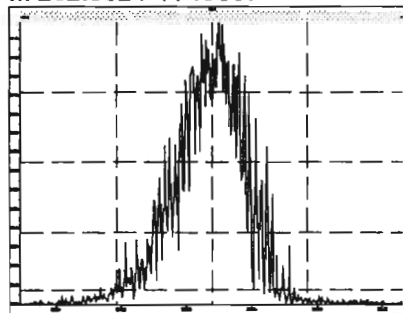


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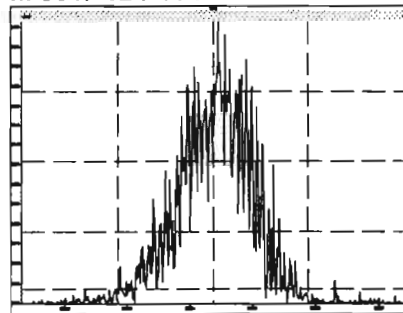
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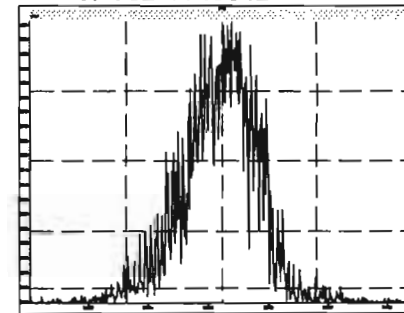
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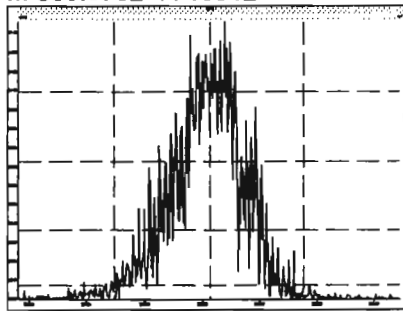
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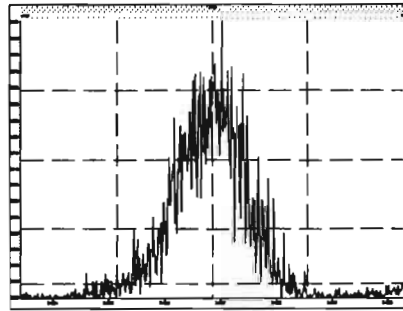
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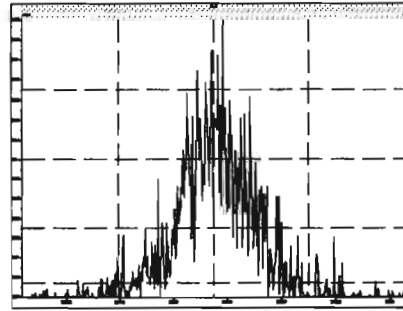
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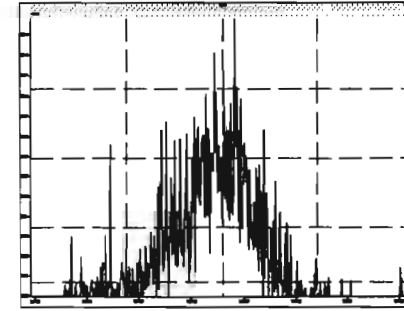
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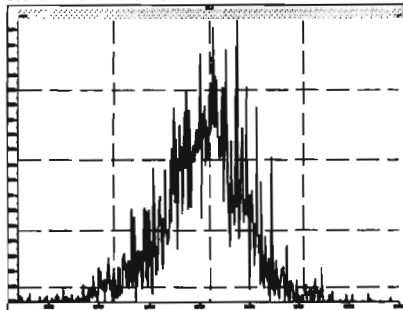
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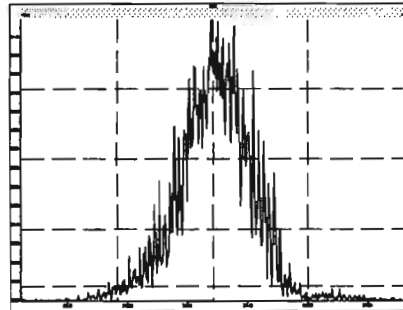
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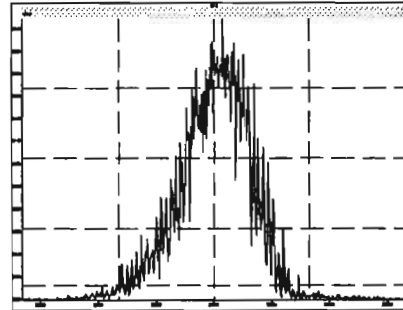
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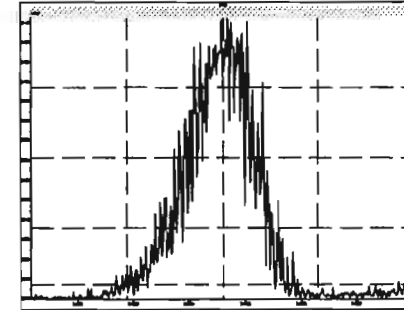
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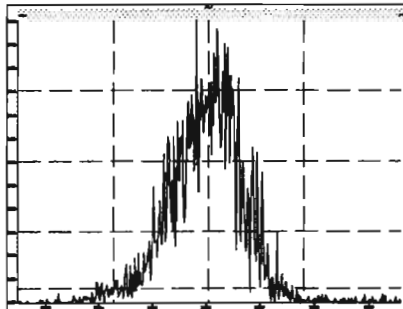


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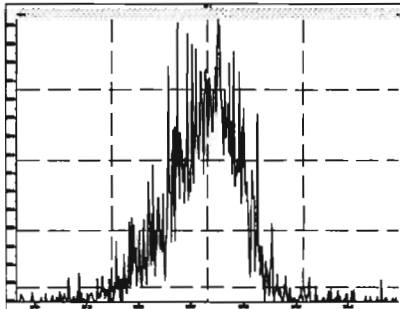


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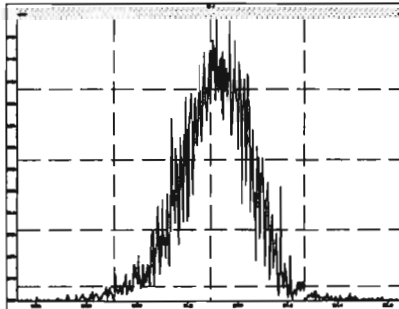
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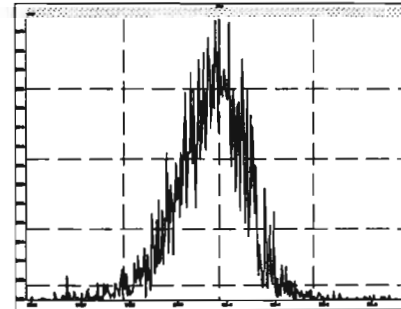
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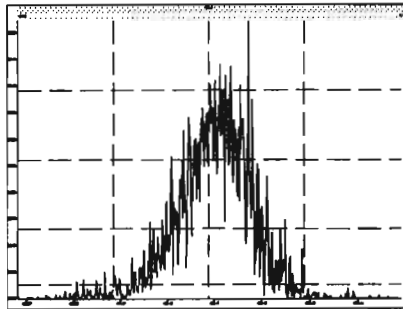
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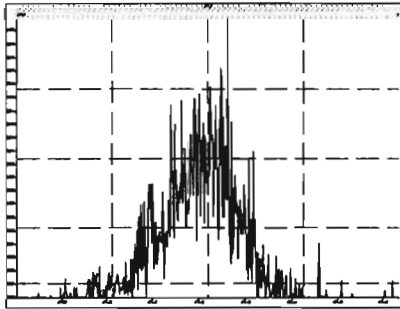
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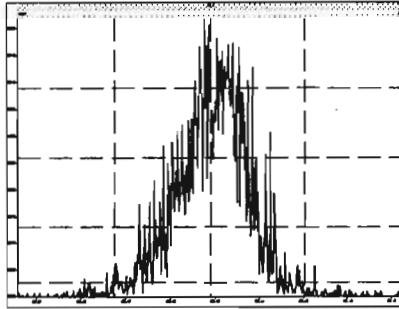
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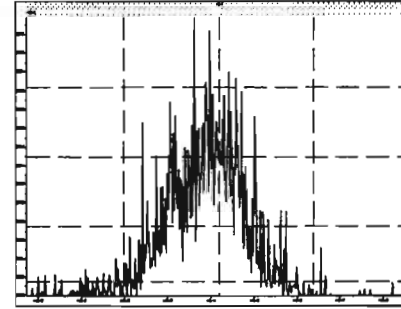
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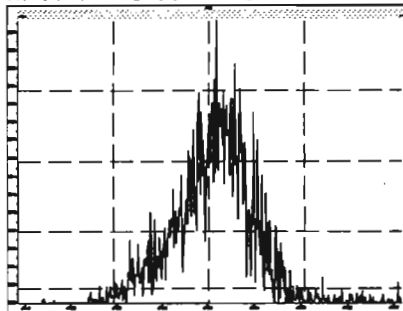
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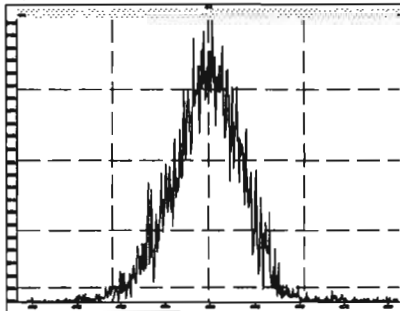
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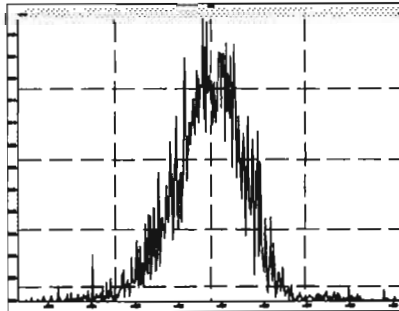
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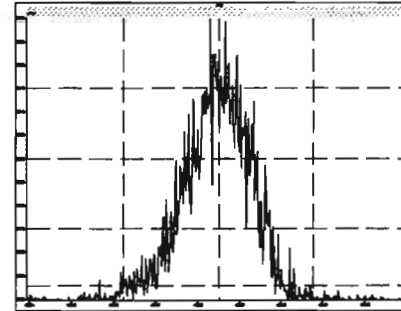
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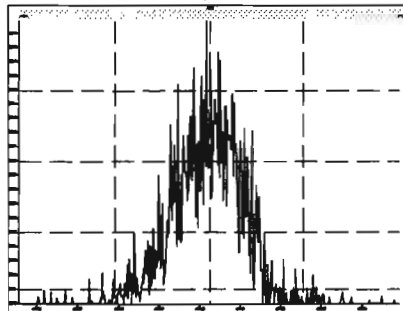


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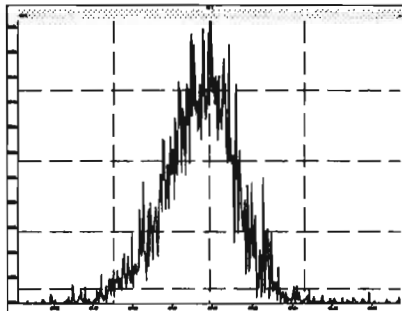


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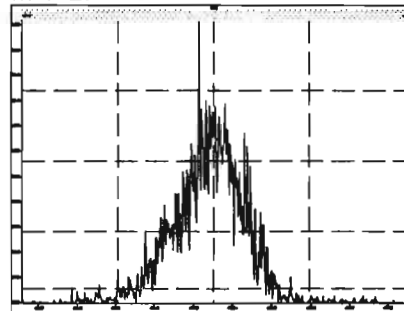
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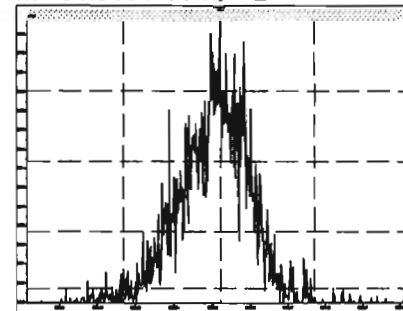
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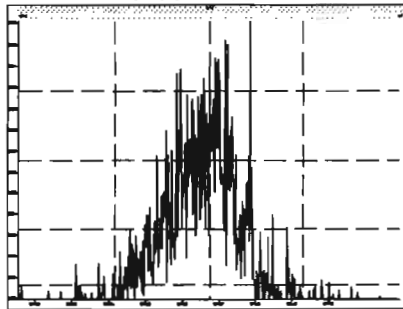
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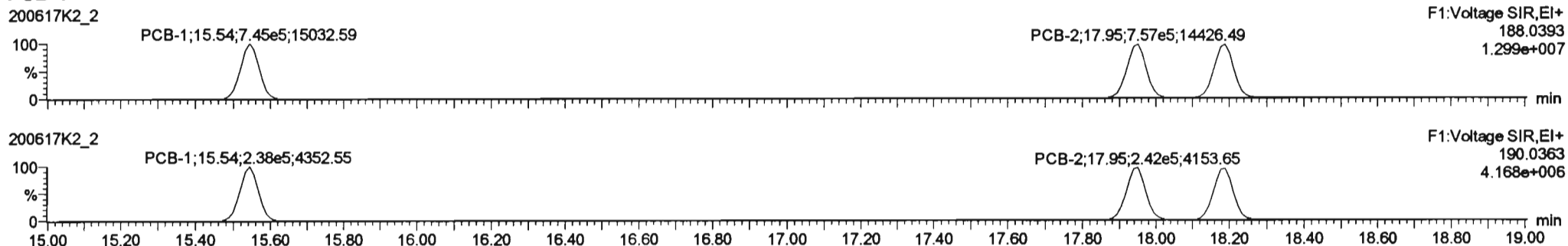
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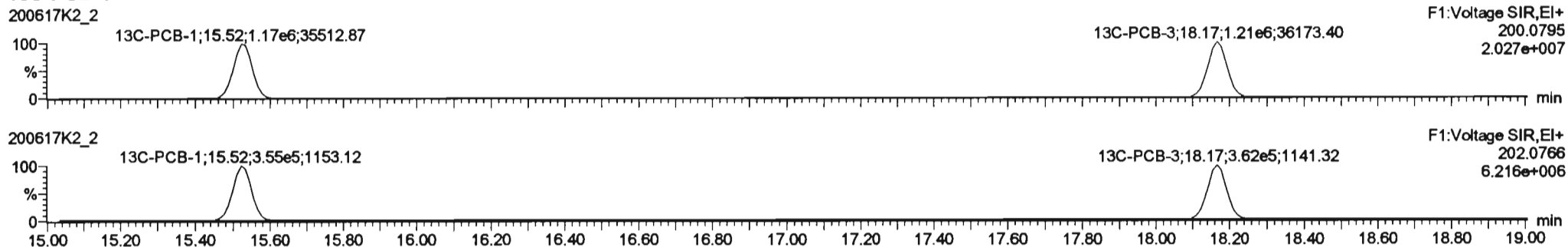
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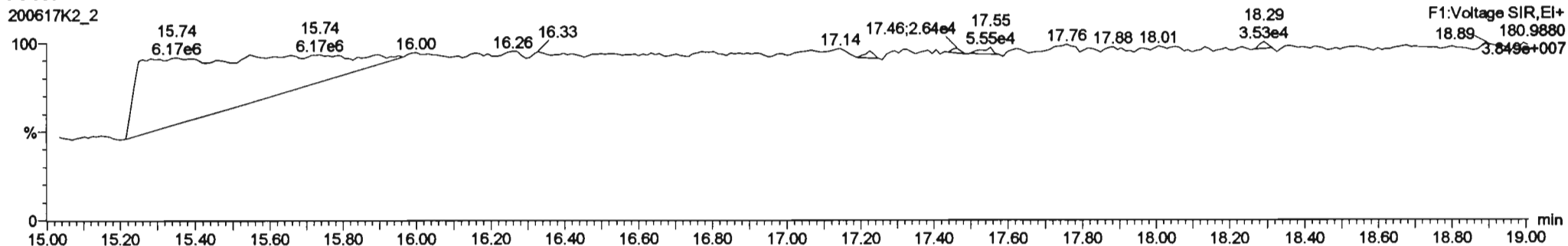
PCB-1



13C-PCB-1



PFK1

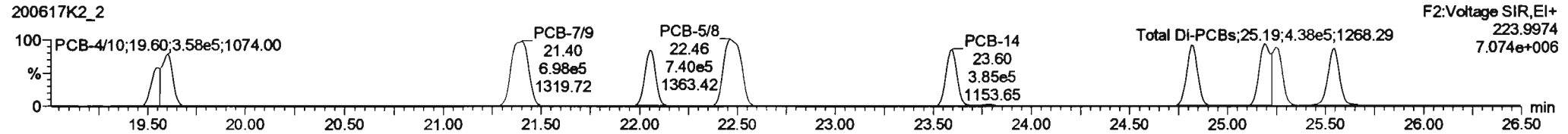
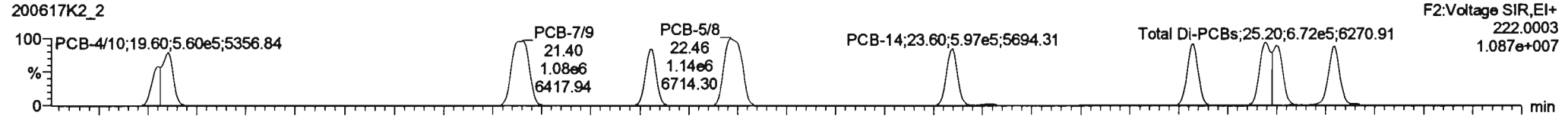


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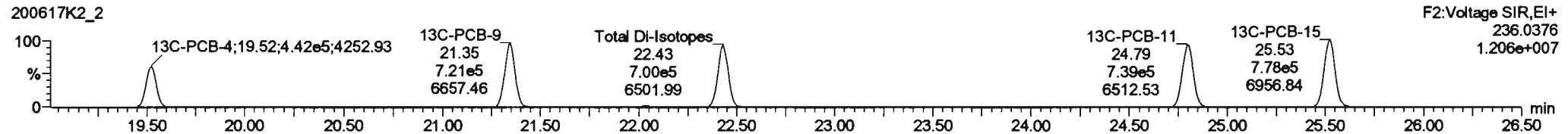
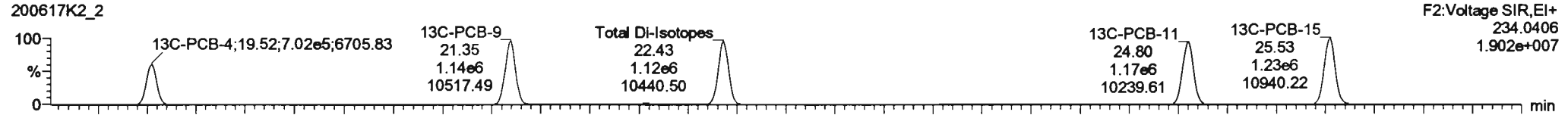
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

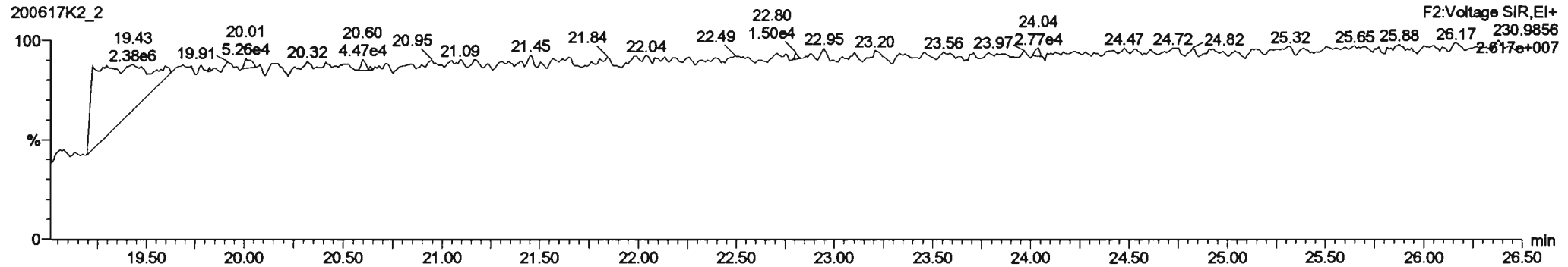
PCB-4/10

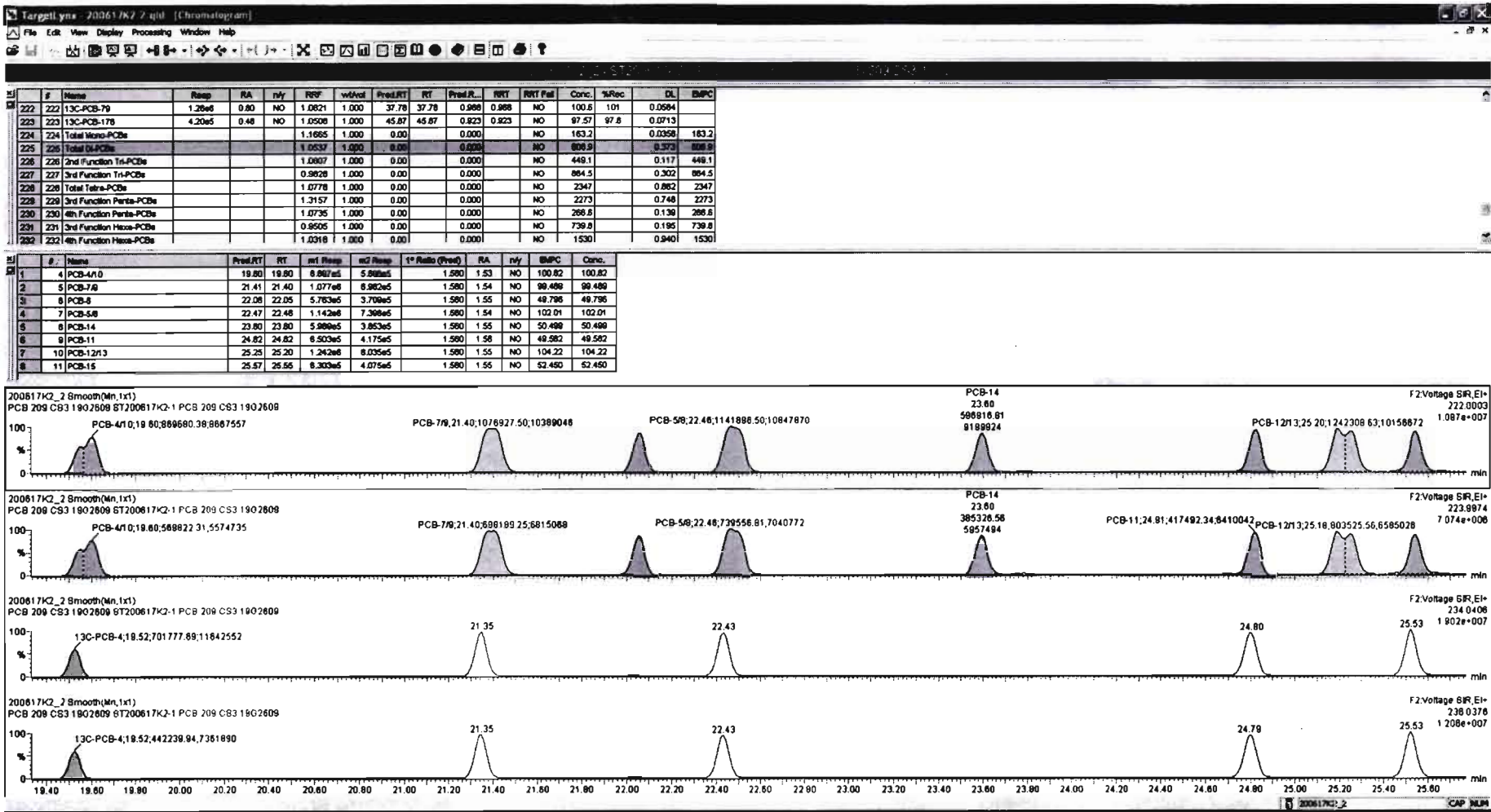


13C-PCB-4



PFK2a



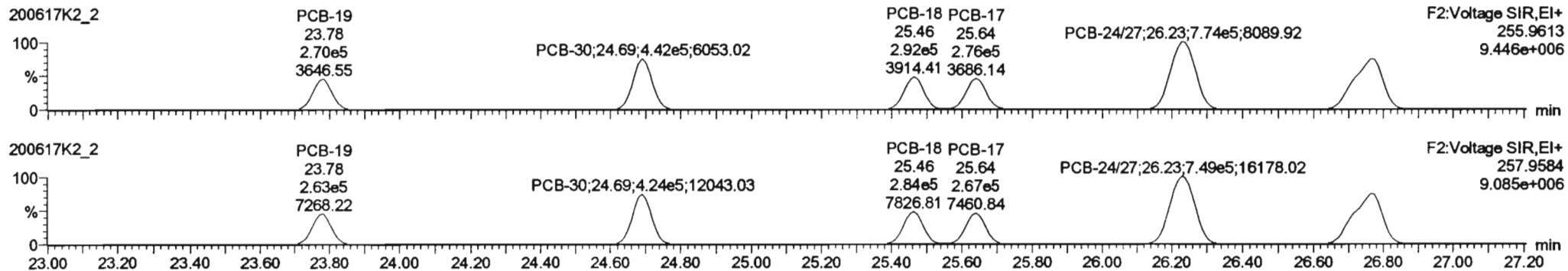


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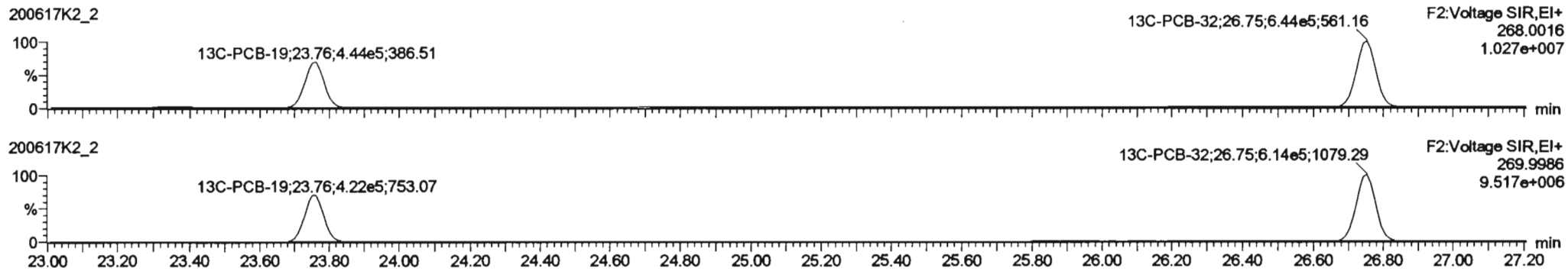
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

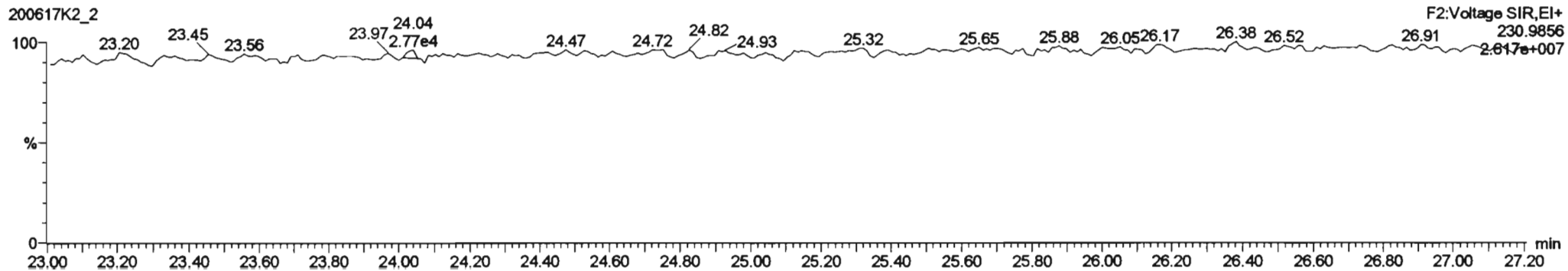
PCB-19



13C-PCB-19



PFK2b

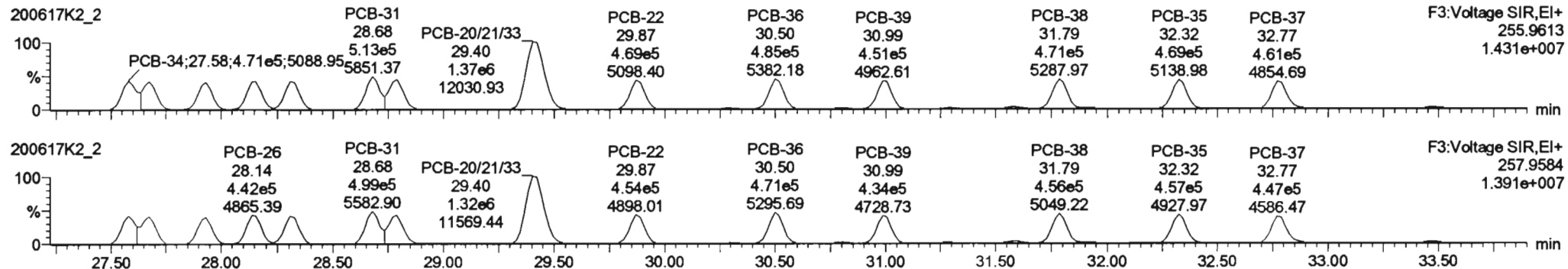


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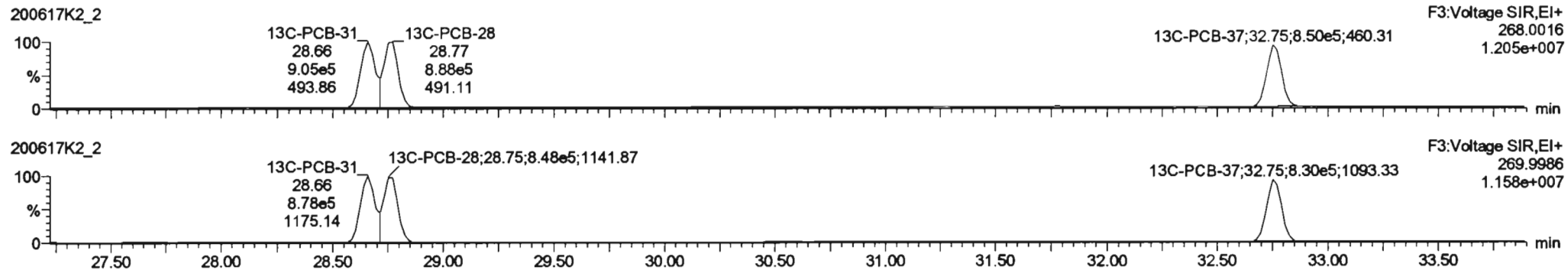
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 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

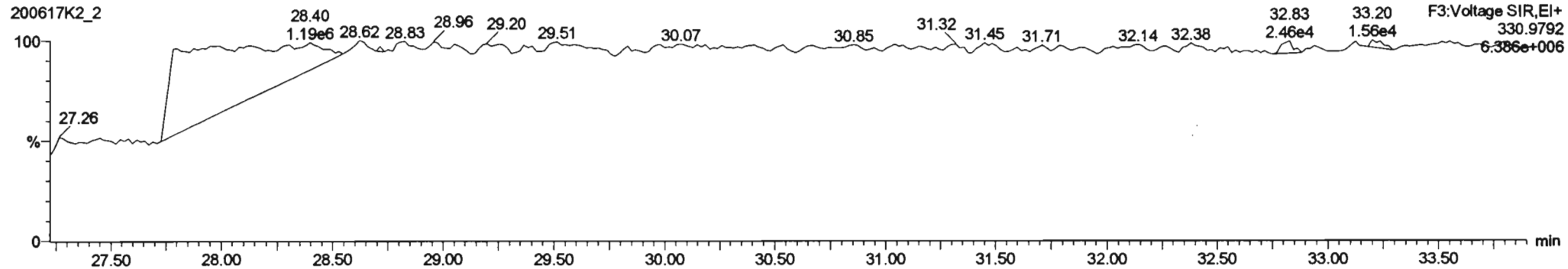
PCB-34

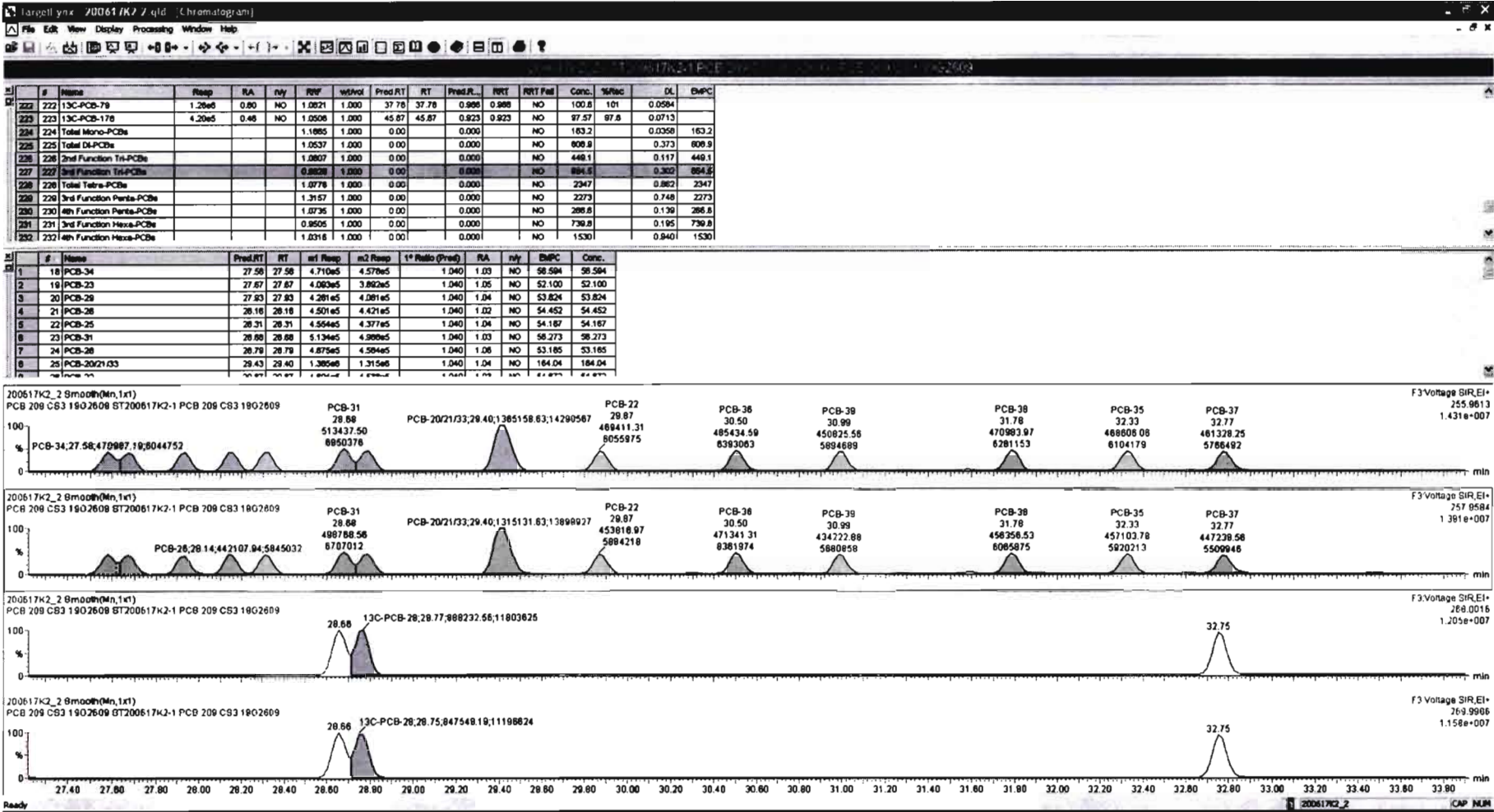


13C-PCB-28



PFK3d



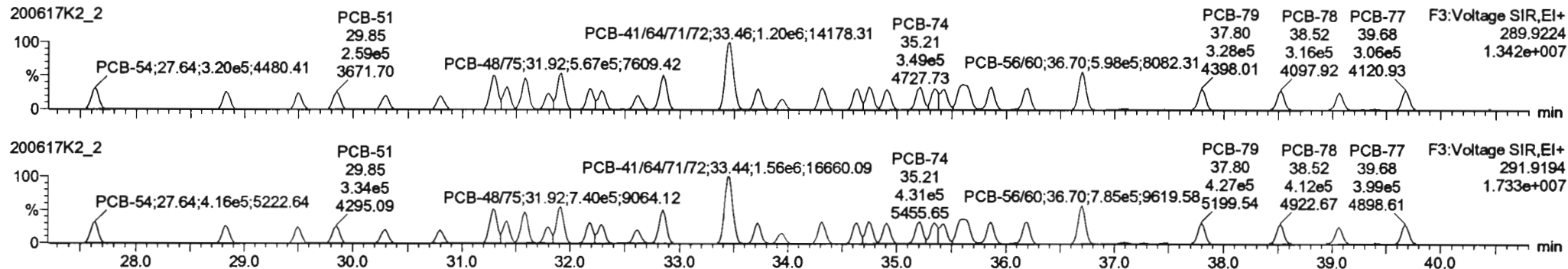


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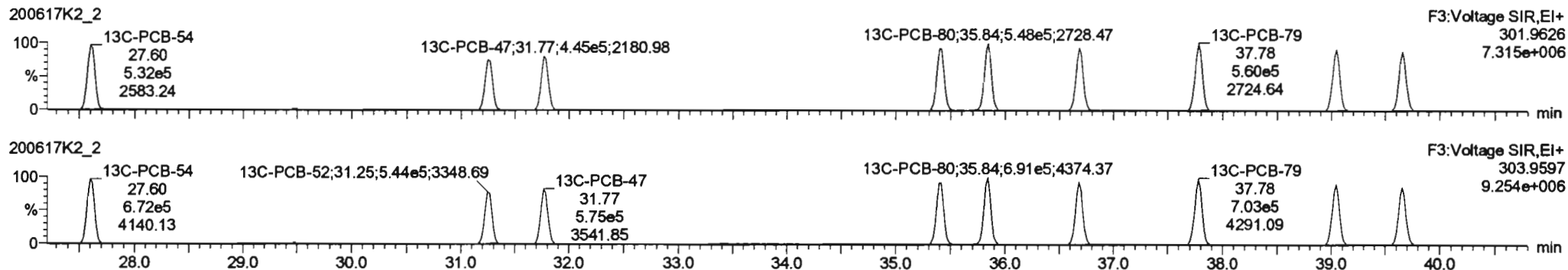
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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

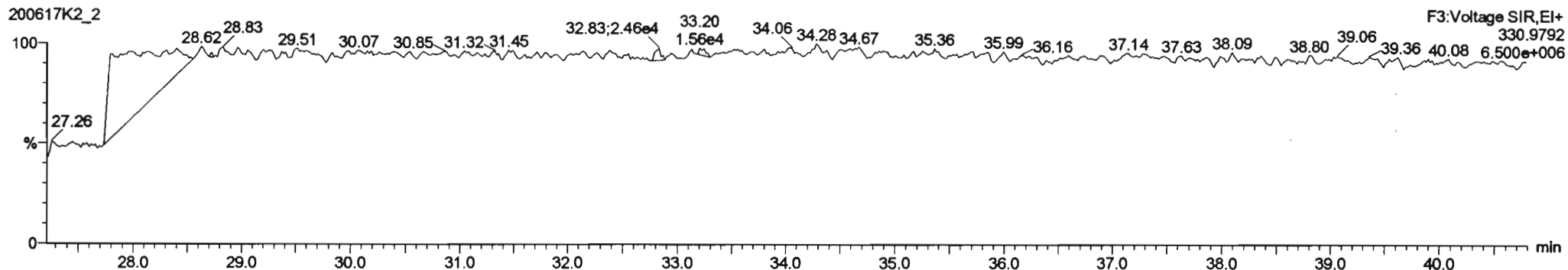
PCB-54



13C-PCB-54



PFK3a



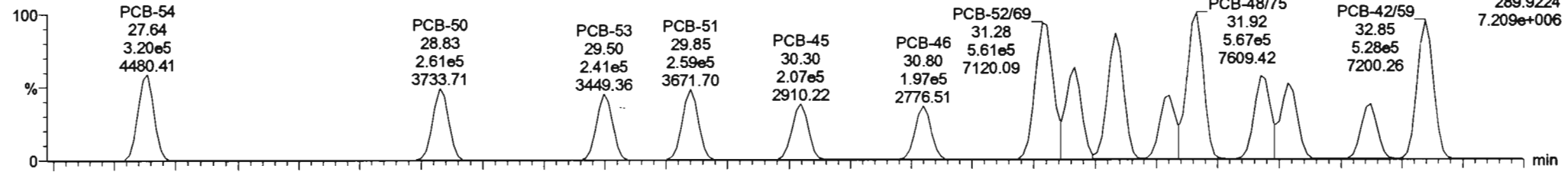
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

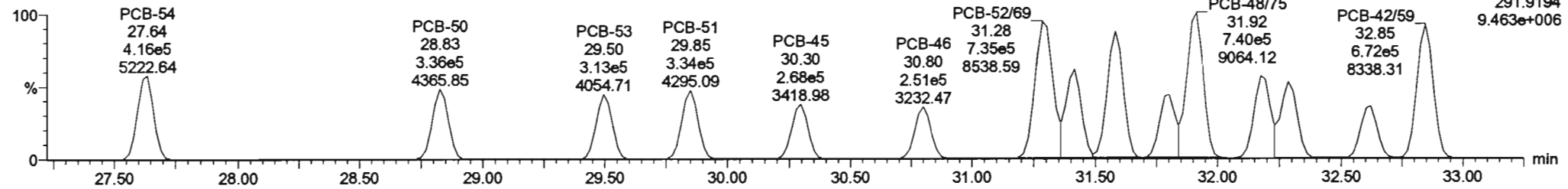
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PCB-50

200617K2_2

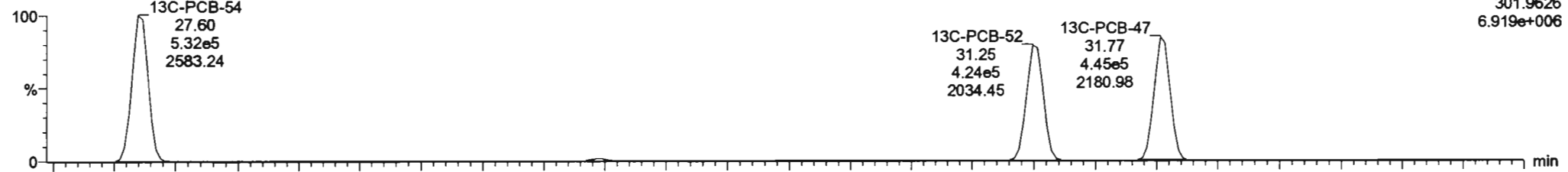


200617K2_2

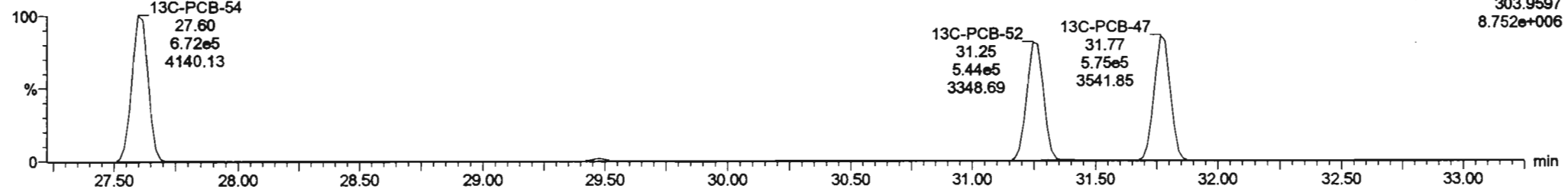


13C-PCB-52

200617K2_2



200617K2_2



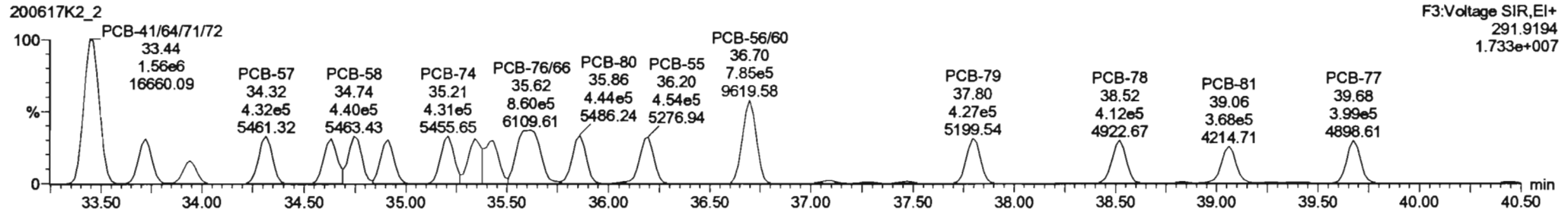
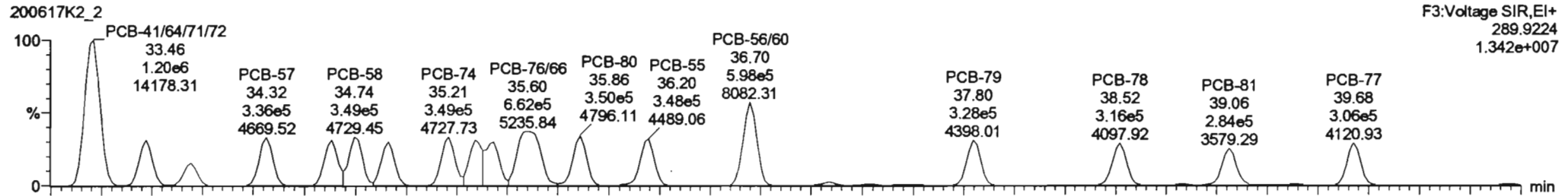
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time

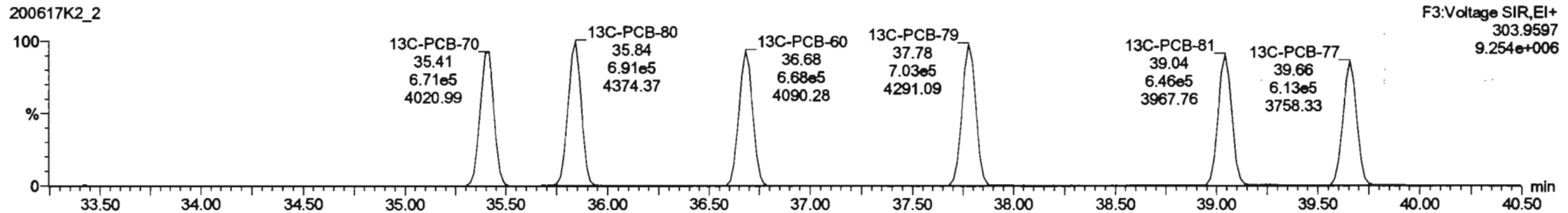
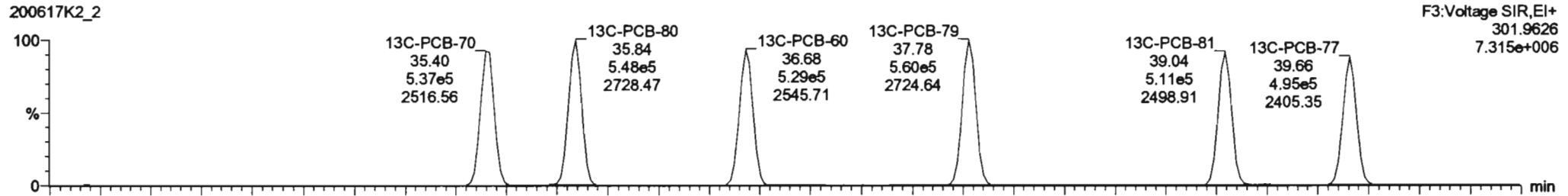
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Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-68

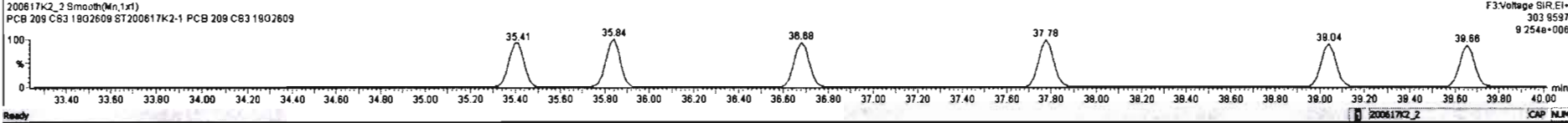
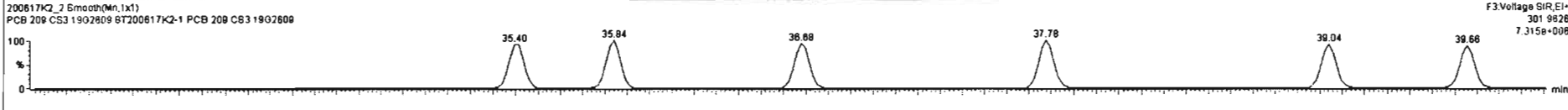
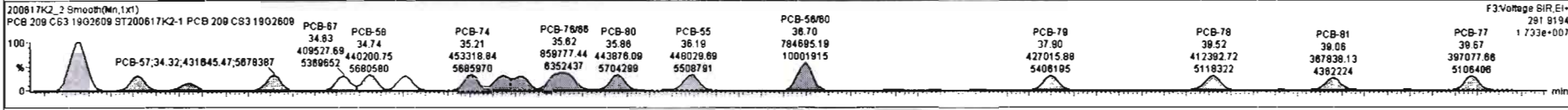
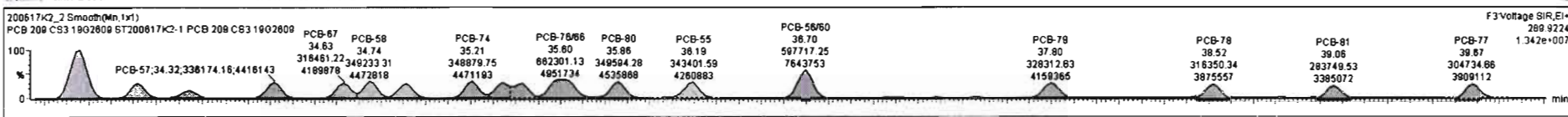


13C-PCB-60



#	Name	Resp	RA	nly	RNF	ntotal	Pred_RT	RT	Pred_R	RRT	RRT Fail	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	1.26e5	0.80	NO	1.0521	1.000	37.78	37.78	0.968	0.968	NO	100.8	101	0.0584	
223	13C-PCB-178	4.20e5	0.46	NO	1.0508	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.6	0.0713	
224	Total Mono-PCBs				1.1895	1.000	0.00	0.000	0.000	0.000	NO	163.2		0.0358	163.2
225	Total Di-PCBs				1.0537	1.000	0.00	0.000	0.000	0.000	NO	608.9		0.373	608.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.000	0.000	0.000	NO	448.1		0.117	448.1
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.000	0.000	0.000	NO	864.5		0.302	864.5
228	Total Tetra-PCBs				1.0776	1.000	0.00	0.000	0.000	0.000	NO	2047		0.880	2047
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.000	0.000	0.000	NO	2279		0.748	2279
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.000	0.000	0.000	NO	266.6		0.138	266.6
231	3rd Function Hexa-PCBs				0.9505	1.000	0.00	0.000	0.000	0.000	NO	738.8		0.195	738.8
232	4th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	0.000	0.000	NO	1530		0.940	1530

#	Name	Pred_RT	RT	int Resp	nt Resp	1* Ratio (Pred)	RA	nly	EMPC	Conc.
32	PCB-54	27.82	27.84	3.197e5	4.159e5	0.770	0.77	NO	58.582	58.582
33	PCB-50	28.81	28.83	2.811e5	3.364e5	0.770	0.78	NO	58.428	58.428
34	PCB-53	28.50	28.50	2.409e5	3.128e5	0.770	0.77	NO	57.340	57.340
35	PCB-51	29.84	29.85	2.590e5	3.343e5	0.770	0.77	NO	57.509	57.509
36	PCB-45	30.29	30.30	2.070e5	2.880e5	0.770	0.77	NO	57.134	57.134
37	PCB-46	30.78	30.80	1.887e5	2.513e5	0.770	0.78	NO	55.883	55.883
38	PCB-52/69	31.28	31.28	5.809e5	7.348e5	0.770	0.78	NO	114.88	114.88
39	PCB-73	31.40	31.41	3.384e5	4.275e5	0.770	0.79	NO	54.804	54.804

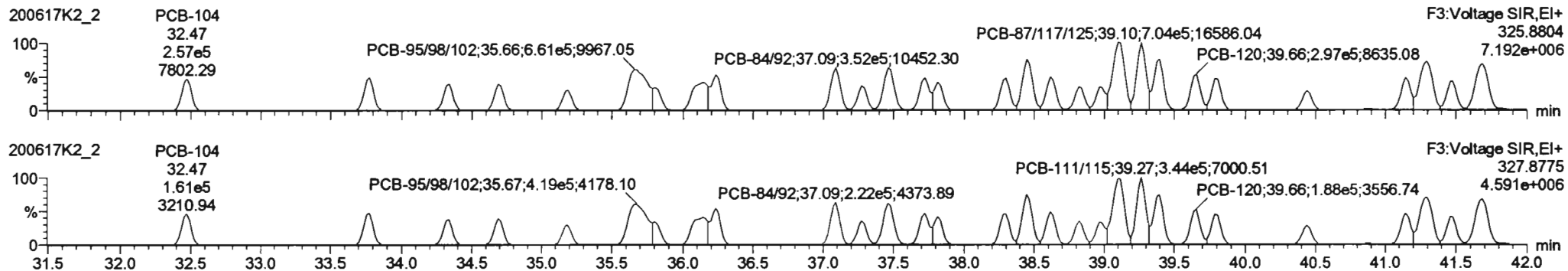


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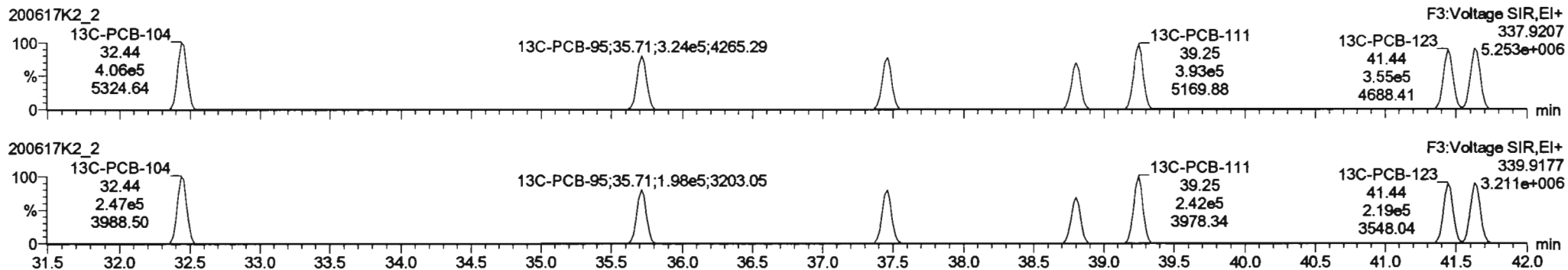
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

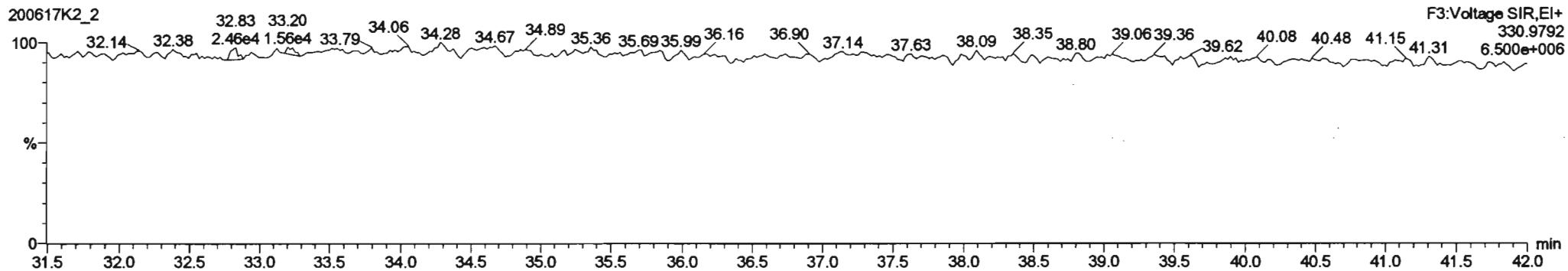
PCB-104



13C-PCB-104



PFK3b



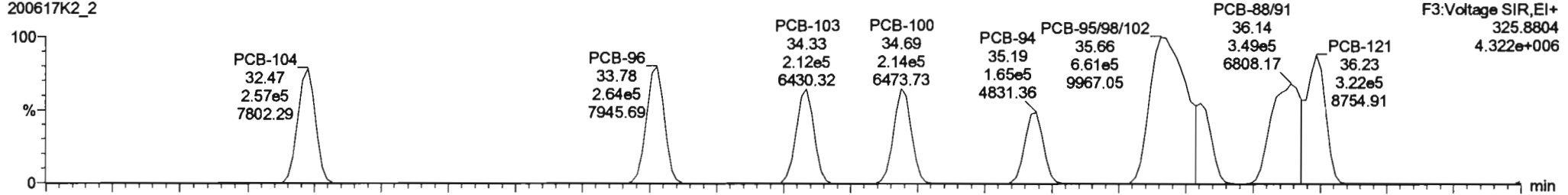
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

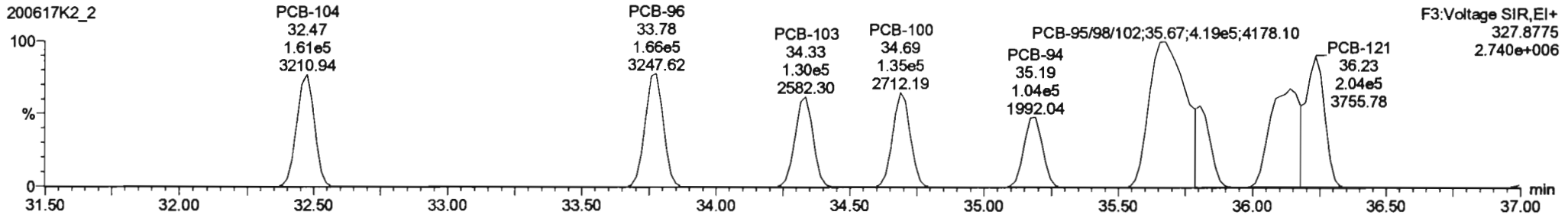
Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-96

200617K2_2

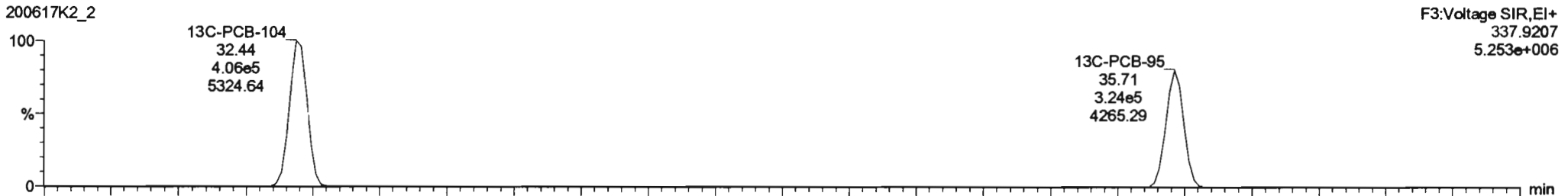


200617K2_2

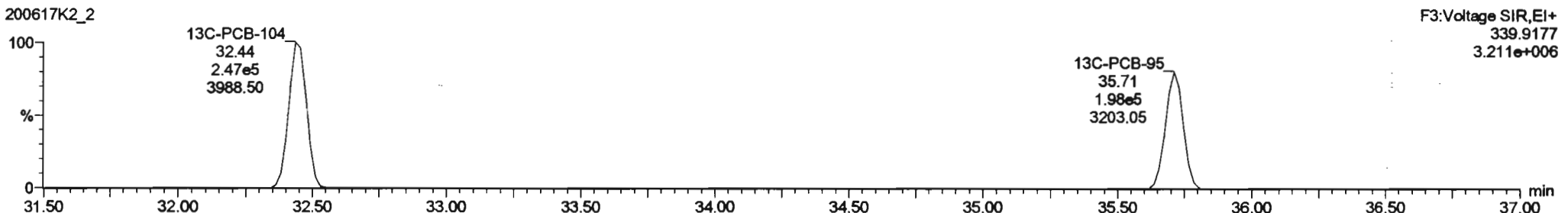


13C-PCB-95

200617K2_2



200617K2_2

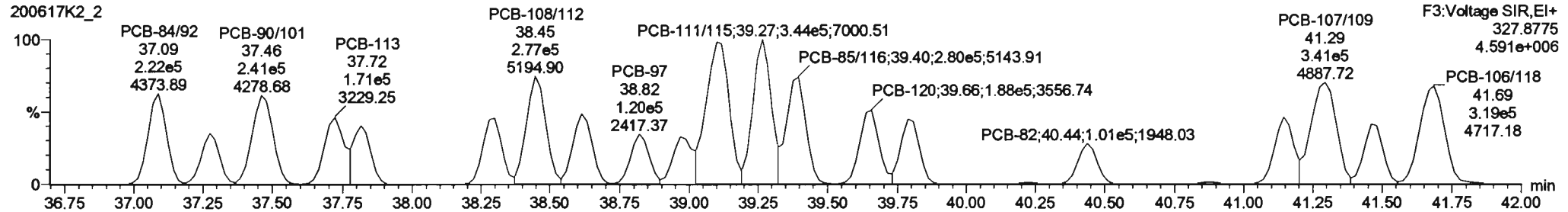
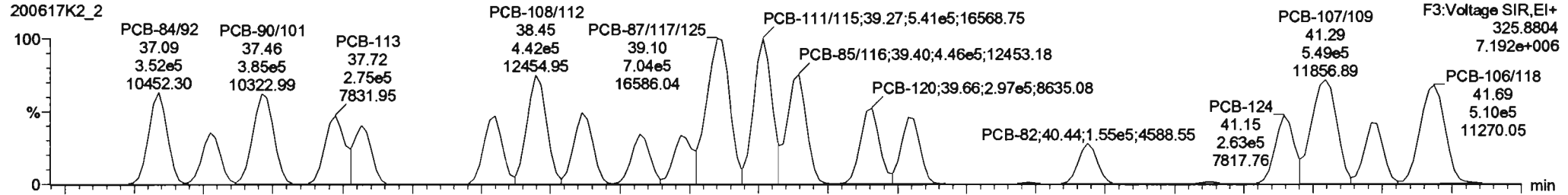


Dataset: Untitled

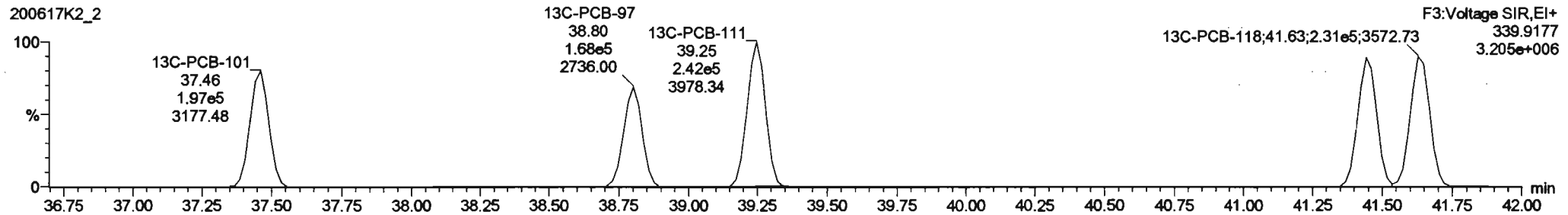
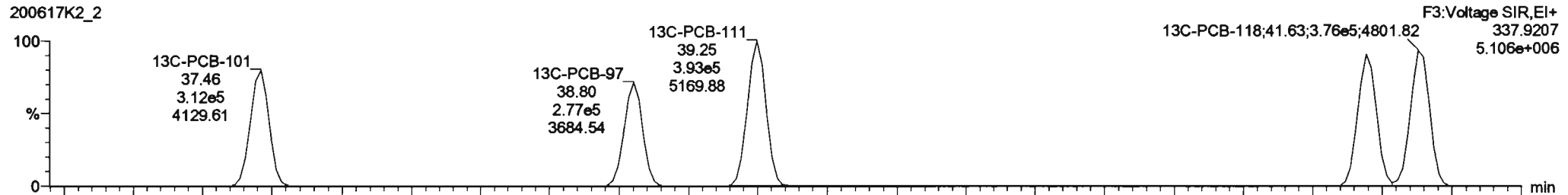
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Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

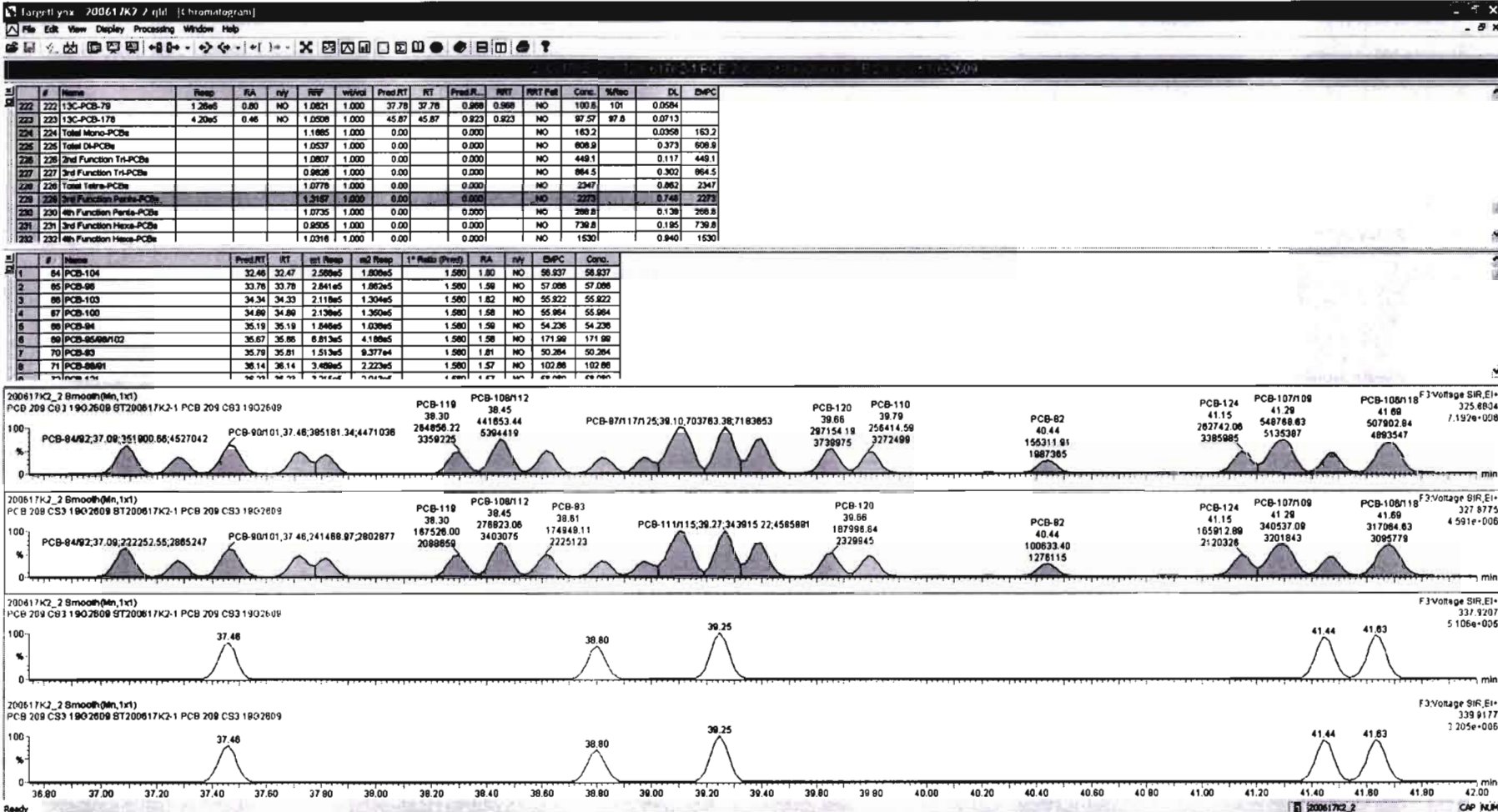
Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-119



13C-PCB-111



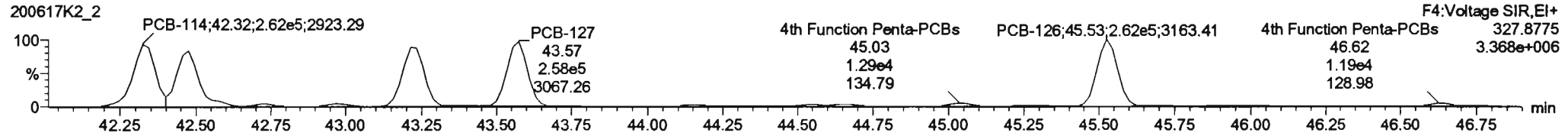
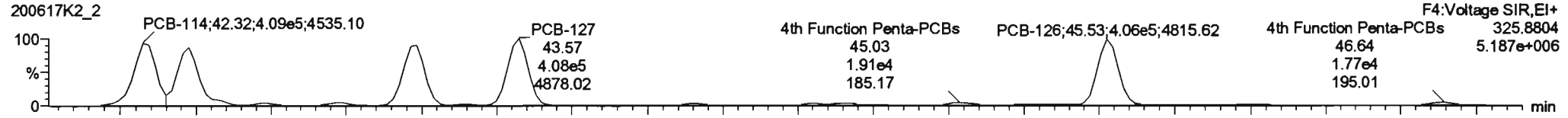


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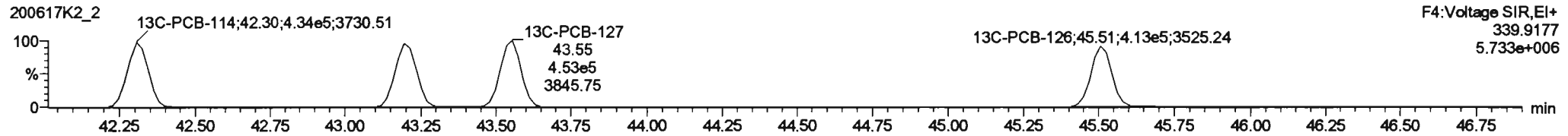
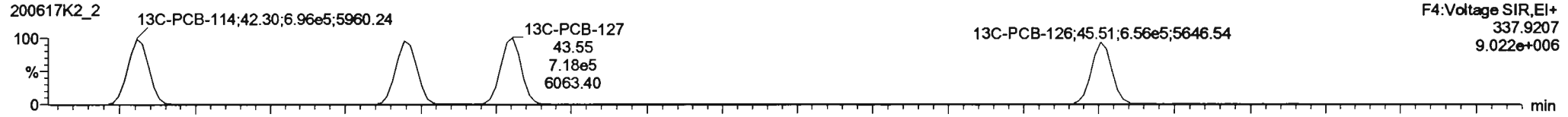
Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
 Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

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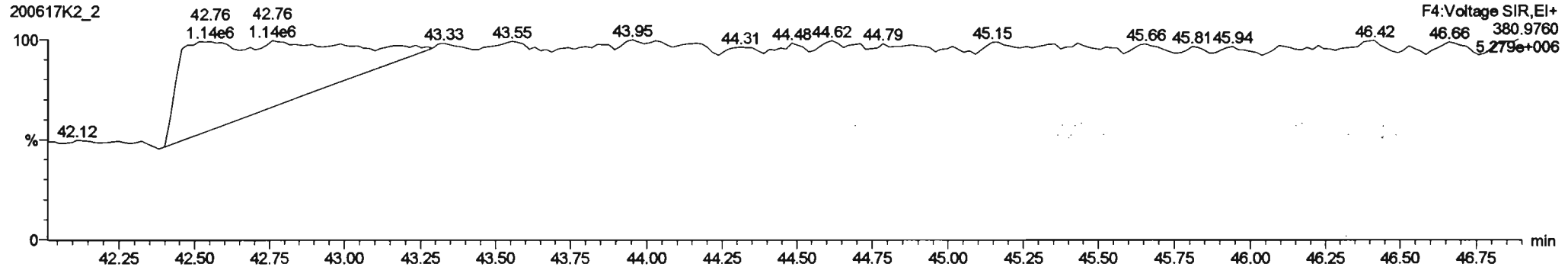
PCB-114



13C-PCB-114

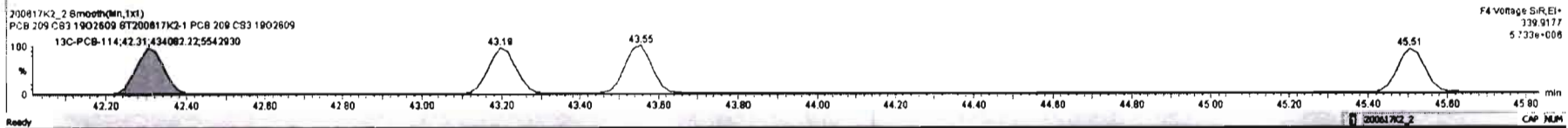
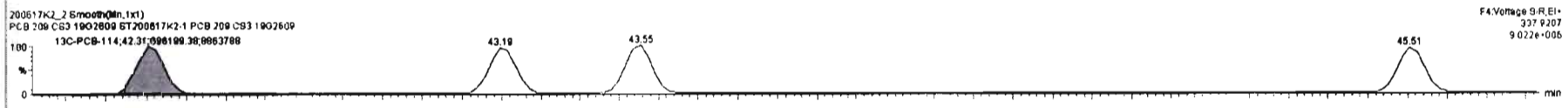
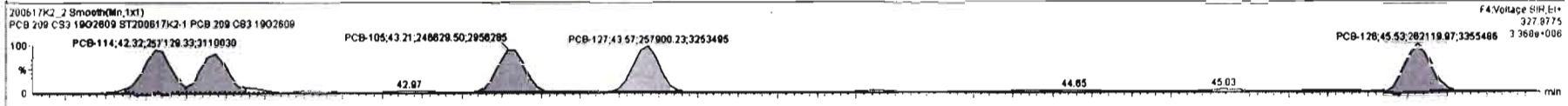
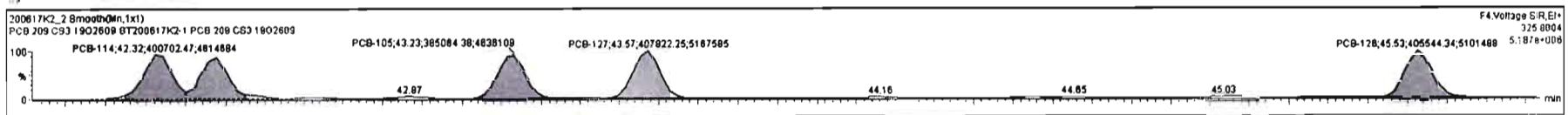


PFK4a



#	Name	Resp	RA	nly	RPF	wtVal	Pred RT	RT	Pred R...	RRT	RRT Fall	Conc.	%Rec	DL	EMPC
222	13C-PCB-79	1.20e5	0.80	NO	1.0821	1.000	37.78	37.78	0.988	0.988	NO	100.0	101	0.0584	
223	13C-PCB-178	4.20e5	0.48	NO	1.0508	1.000	45.87	45.87	0.823	0.823	NO	97.57	87.8	0.0713	
224	Total Mono-PCBs				1.1885	1.000	0.00	0.00	0.000	0.000	NO	183.2		0.0388	183.2
225	Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	808.9		0.373	808.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	449.1		0.117	449.1
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.00	0.000	0.000	NO	884.5		0.302	884.5
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2347		0.882	2347
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	2273		0.748	2273
230	All Penta-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	288.8		0.138	288.8
231	3rd Function Hexa-PCBs				0.8505	1.000	0.00	0.00	0.000	0.000	NO	738.8		0.185	738.8
232	All Hexa-PCBs				1.0318	1.000	0.00	0.00	0.000	0.000	NO	1530		0.940	1530

#	Name	Pred RT	RT	ret Ratio	int Ratio	1** Ratio (Pred)	RA	nly	EMPC	Conc.
1	93 PCB-114	42.33	42.32	4.287e5	2.571e5	1.280	1.58	NO	51.001	51.001
2	94 PCB-122	42.47	42.47	3.838e5	2.282e5	1.580	1.58	NO	55.448	55.448
3	95 PCB-105	43.21	43.23	3.851e5	2.488e5	1.550	1.58	NO	53.241	53.241
4	96 PCB-127	43.57	43.57	4.078e5	2.578e5	1.580	1.58	NO	53.880	53.880
5	97 PCB-128	45.52	45.53	4.055e5	2.821e5	1.580	1.55	NO	53.262	53.262



Dataset: Untitled

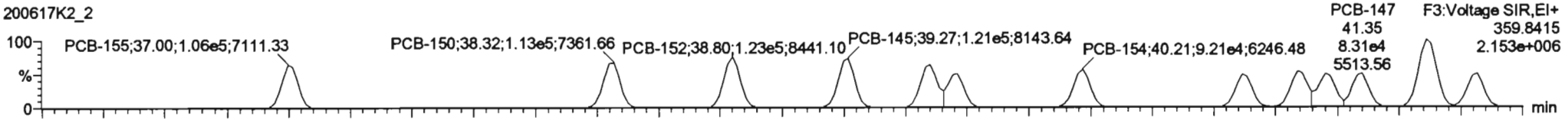
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Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

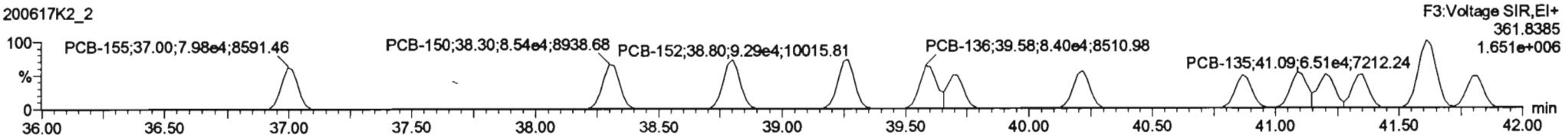
Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-155

200617K2_2

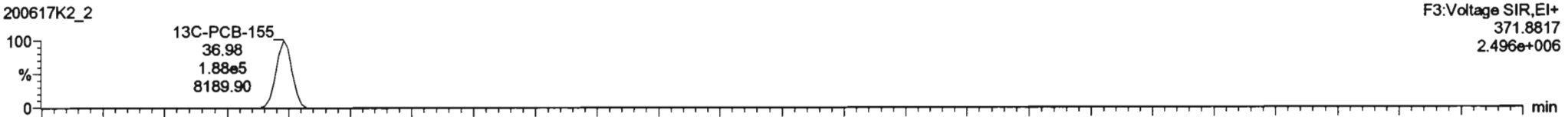


200617K2_2

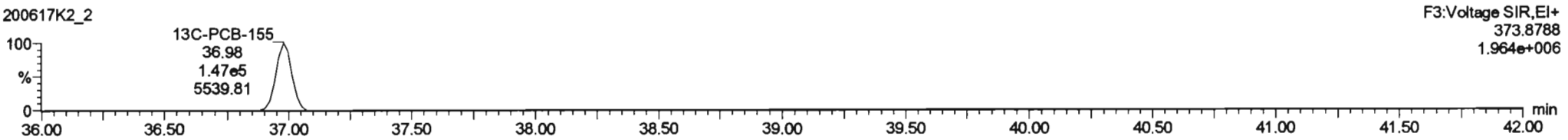


13C-PCB-155

200617K2_2

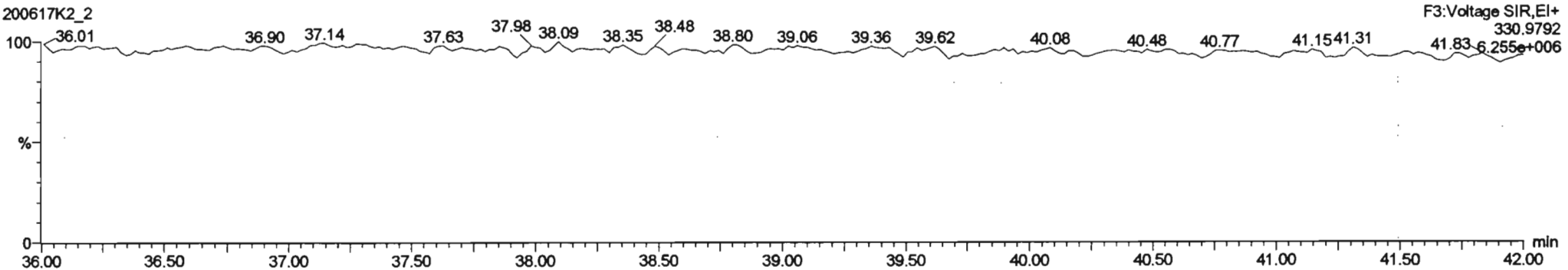


200617K2_2



PFK3c

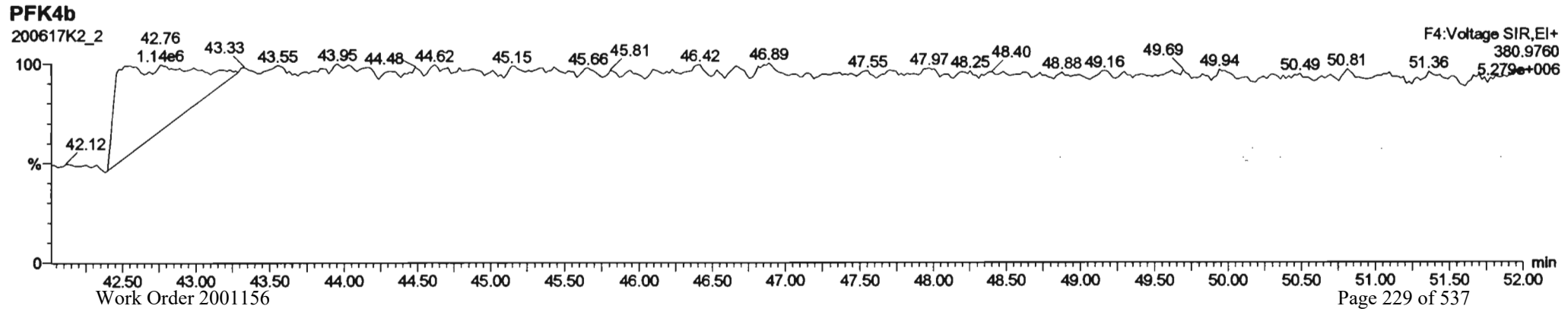
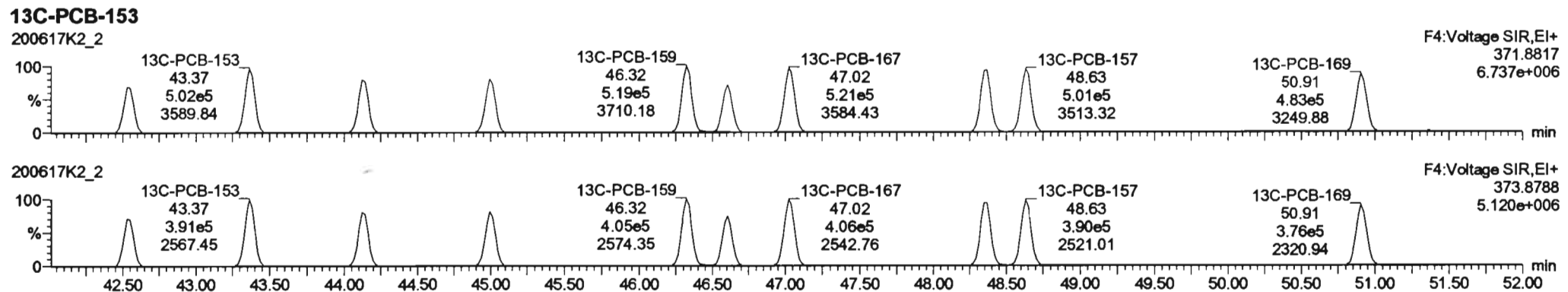
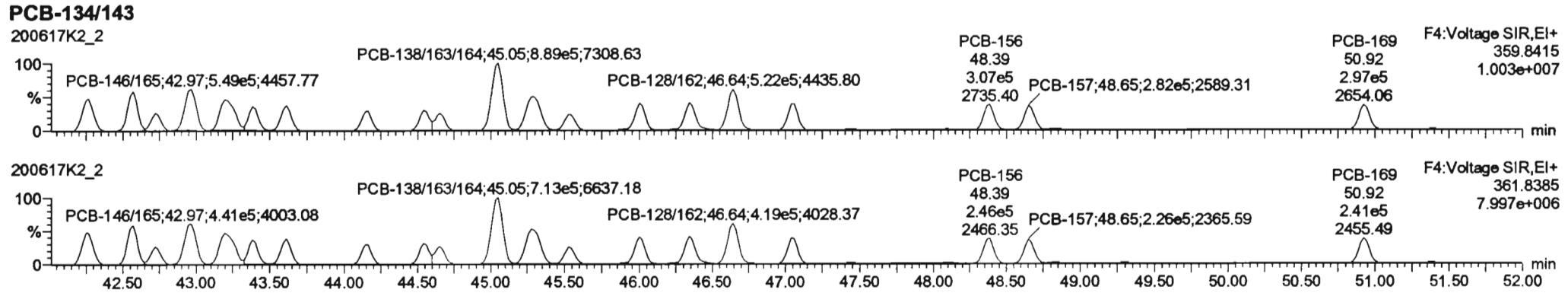
200617K2_2



Dataset: Untitled

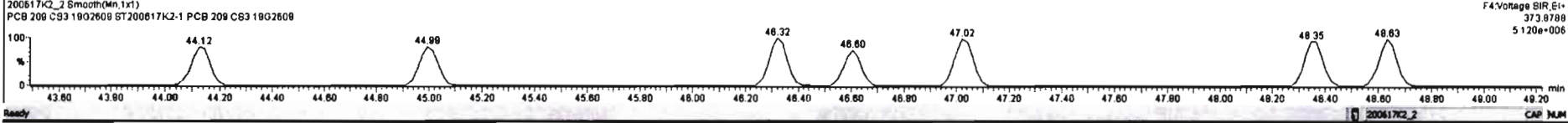
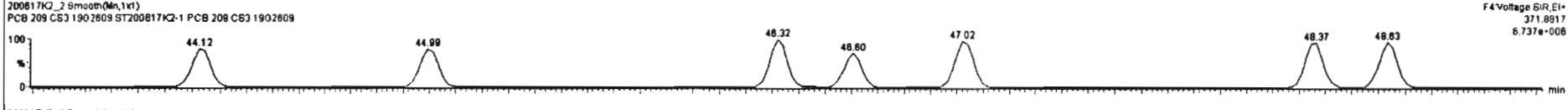
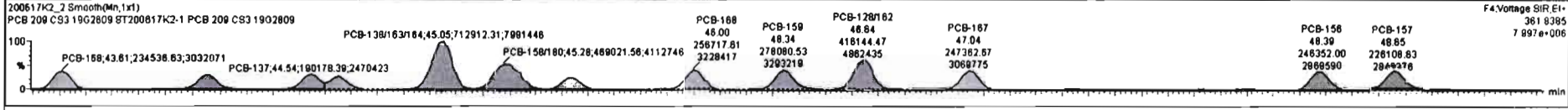
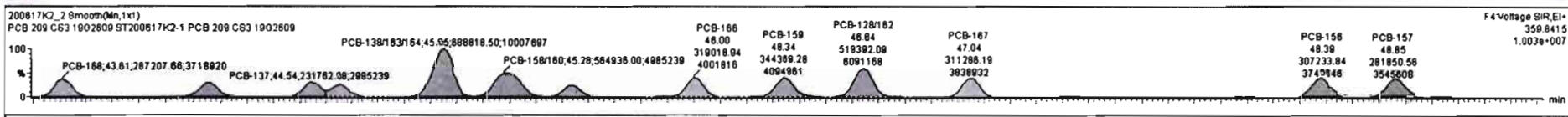
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Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

Name: 200617K2_2, Date: 18-Jun-2020, Time: 01:34:50, ID: ST200617K2-1 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609



#	Name	Resp	RA	nly	RF	ret	Pred.RT	RT	Pred.RT	RF	RFI	Comp.	%Area	DL	EMPC
222	13C-PCB-79	1.26e8	0.80	NO	1.0821	1.000	37.78	37.78	0.988	0.988	NO	100.8	101	0.0584	
223	13C-PCB-178	4.20e5	0.46	NO	1.0508	1.000	45.87	45.87	0.923	0.923	NO	97.57	97.8	0.0713	
224	Total Mono-PCBs				1.1685	1.000	0.00	0.00	0.000	0.000	NO	183.2		0.0358	183.2
225	Total Di-PCBs				1.0537	1.000	0.00	0.00	0.000	0.000	NO	808.9		0.373	808.9
226	2nd Function Tri-PCBs				1.0807	1.000	0.00	0.00	0.000	0.000	NO	448.1		0.117	448.1
227	3rd Function Tri-PCBs				0.9828	1.000	0.00	0.00	0.000	0.000	NO	884.5		0.302	884.5
228	Total Tetra-PCBs				1.0778	1.000	0.00	0.00	0.000	0.000	NO	2347		0.882	2347
229	3rd Function Penta-PCBs				1.3157	1.000	0.00	0.00	0.000	0.000	NO	2273		0.748	2273
230	4th Function Penta-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	288.8		0.136	288.8
231	3rd Function Hexa-PCBs				0.9806	1.000	0.00	0.00	0.000	0.000	NO	738.8		0.195	738.8
232	4th Function Hexa-PCBs				1.0318	1.000	0.00	0.00	0.000	0.000	NO	1530		0.840	1530

#	Name	Pred.RT	RT	int Resp	int2 Resp	I* Ratio (Pred)	RA	nly	EMPC	Comp.
1	111 PCB-134/A 43	42.28	42.27	4.230e5	3.402e5	1.240	1.24	NO	112.52	112.52
2	112 PCB-131/A 33	42.58	42.57	4.532e5	3.857e5	1.240	1.24	NO	111.74	111.74
3	113 PCB-142	42.72	42.72	2.027e5	1.851e5	1.240	1.23	NO	54.808	54.808
4	114 PCB-148/A 05	42.87	42.87	5.485e5	4.414e5	1.240	1.24	NO	108.07	108.07
5	115 PCB-132/A 81	43.20	43.18	5.427e5	4.488e5	1.240	1.22	NO	108.20	108.20
6	116 PCB-153	43.38	43.38	2.713e5	2.235e5	1.240	1.21	NO	51.788	51.788
7	117 PCB-188	43.81	43.81	2.872e5	2.345e5	1.240	1.23	NO	54.247	54.247
8	118 PCB-141	44.14	44.16	2.328e5	1.875e5	1.240	1.24	NO	54.850	54.850



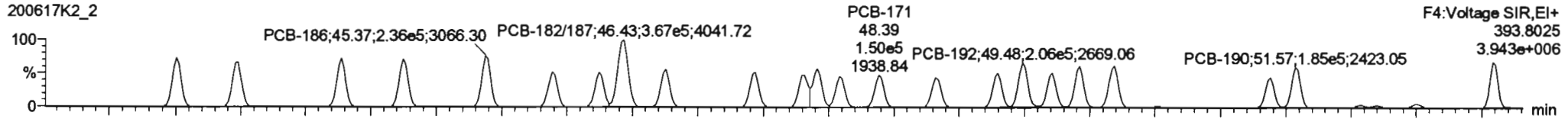
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

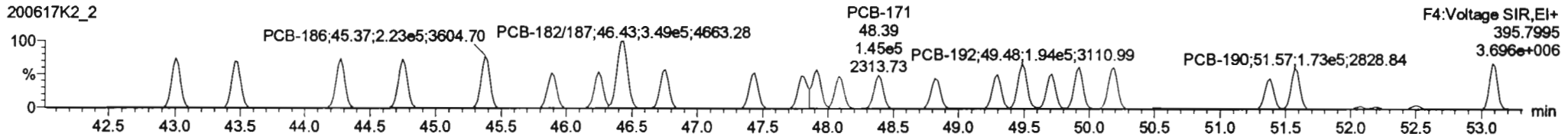
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PCB-188

200617K2_2

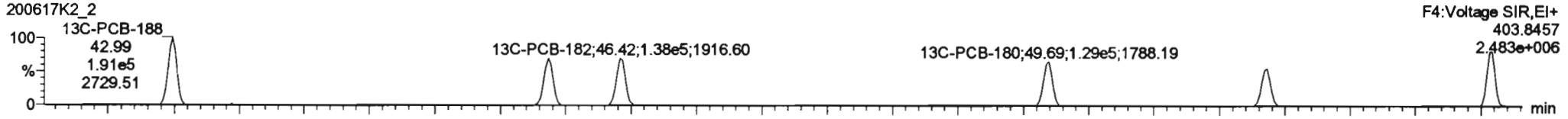


200617K2_2

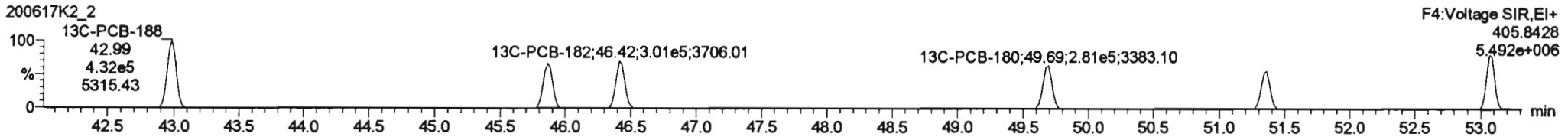


13C-PCB-188

200617K2_2

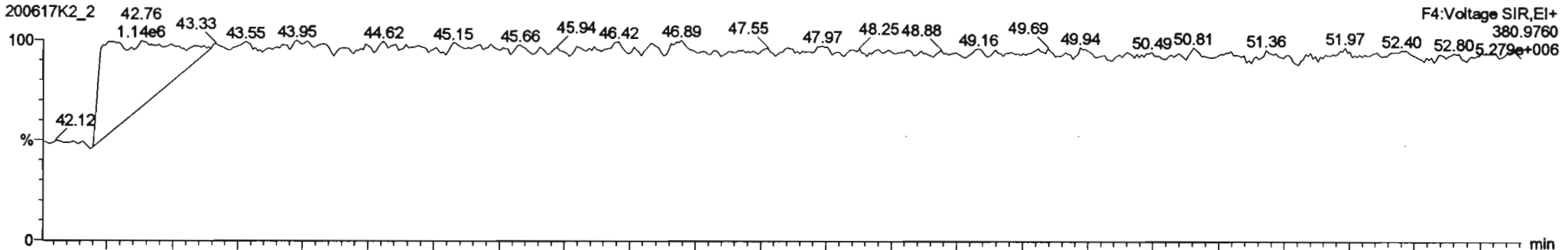


200617K2_2



PFK4c

200617K2_2



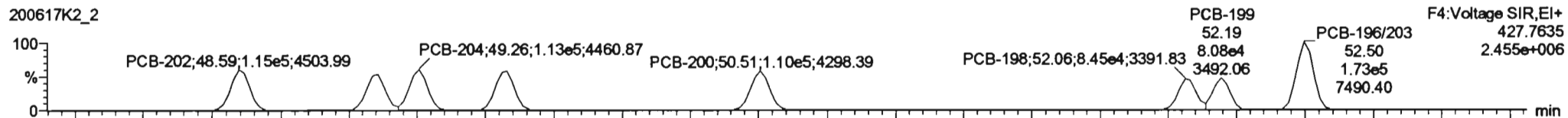
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Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

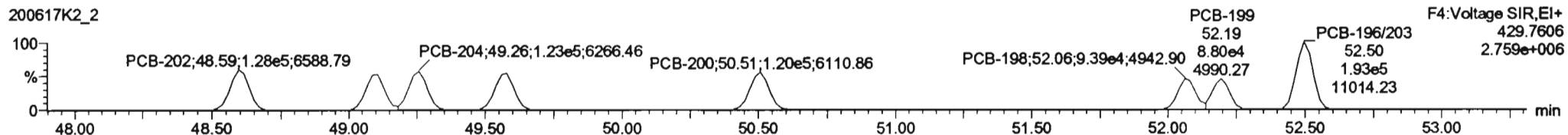
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PCB-202

200617K2_2

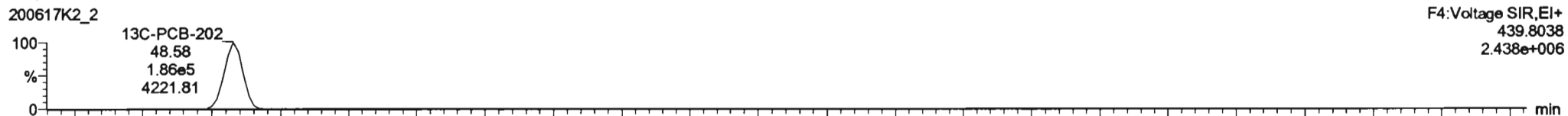


200617K2_2

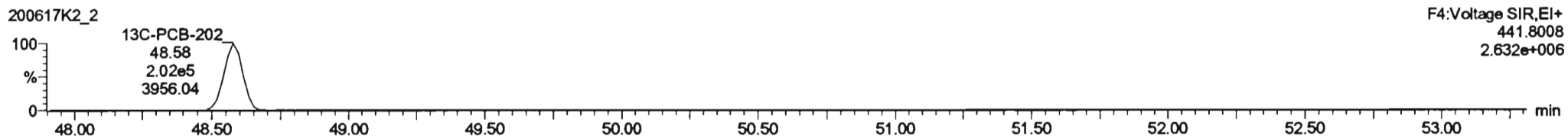


13C-PCB-202

200617K2_2

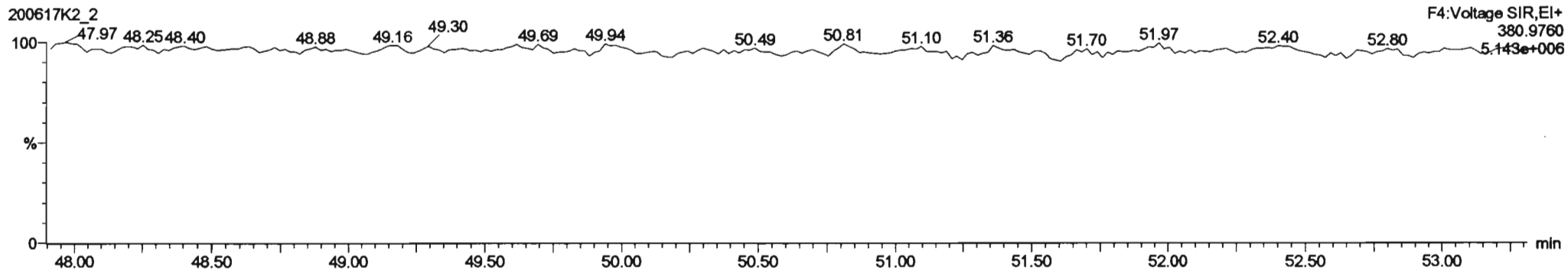


200617K2_2



PFK4d

200617K2_2



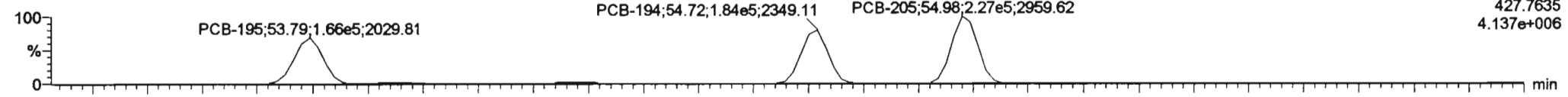
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
Printed: Thursday, June 18, 2020 08:09:51 Pacific Daylight Time

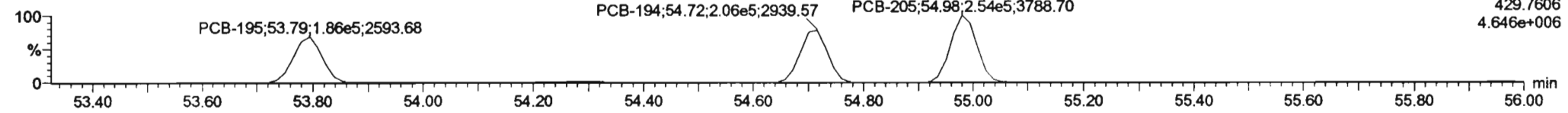
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PCB-195

200617K2_2

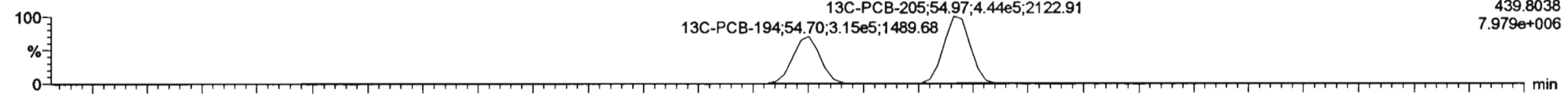


200617K2_2

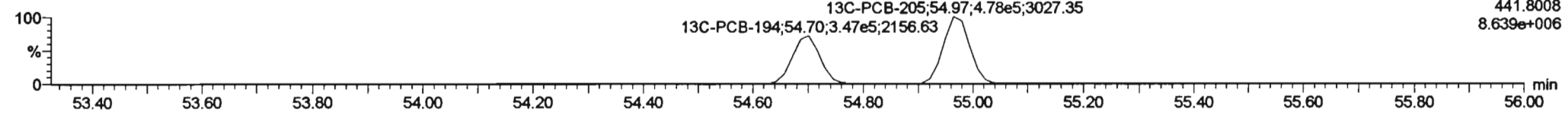


13C-PCB-194

200617K2_2

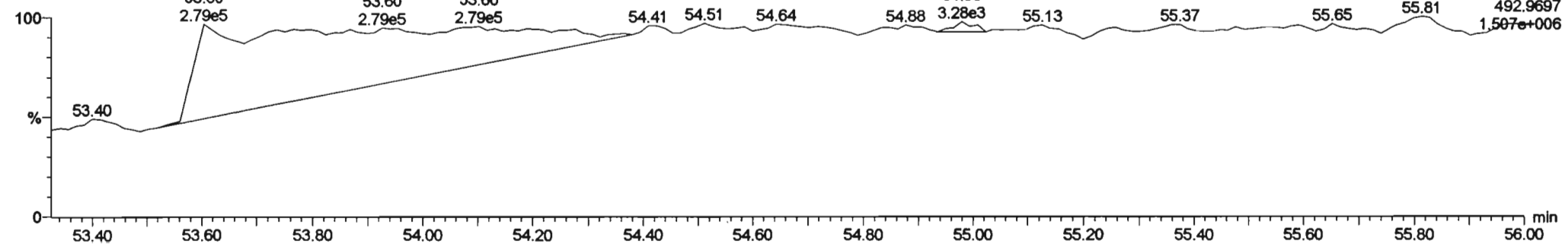


200617K2_2



PFK5a

200617K2_2



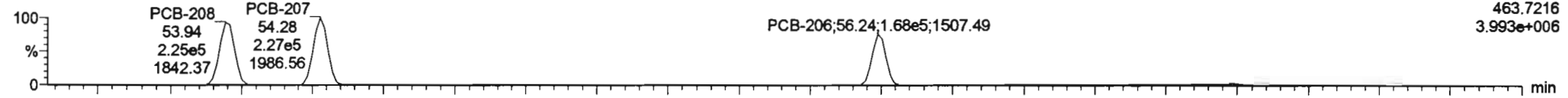
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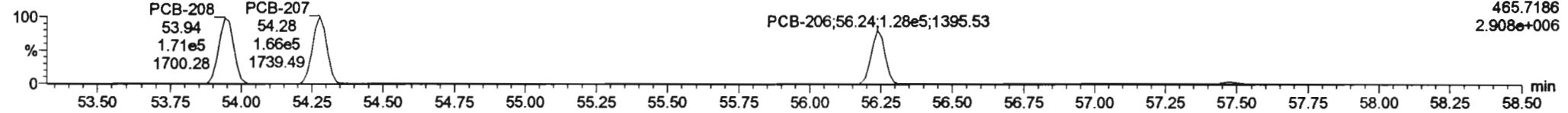
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PCB-208

200617K2_2

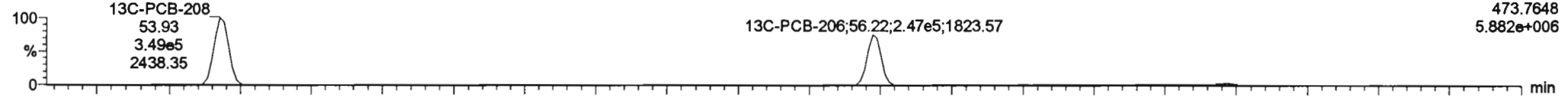


200617K2_2

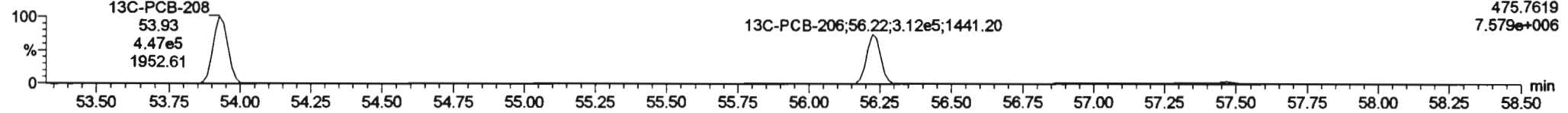


13C-PCB-208

200617K2_2

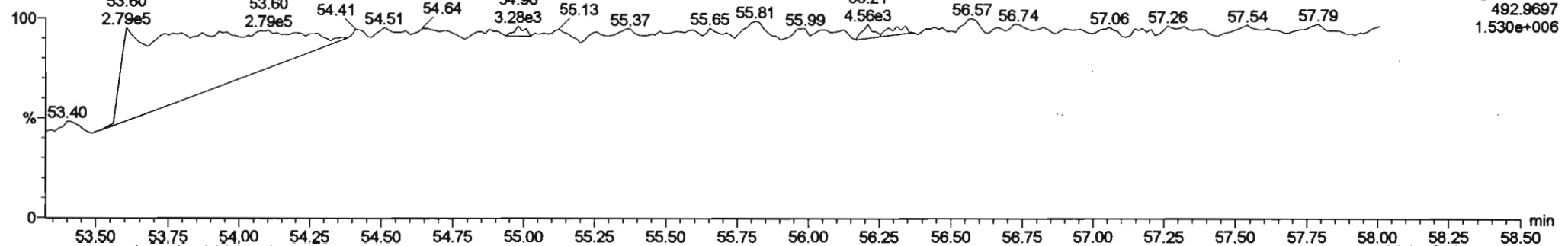


200617K2_2



PFK5

200617K2_2



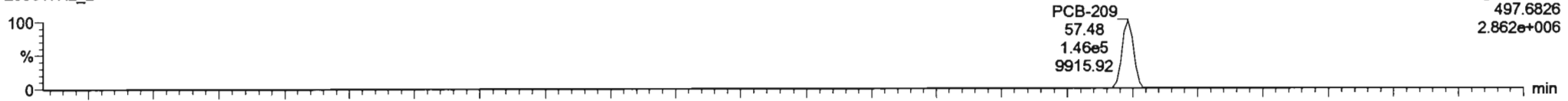
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Last Altered: Thursday, June 18, 2020 08:08:25 Pacific Daylight Time
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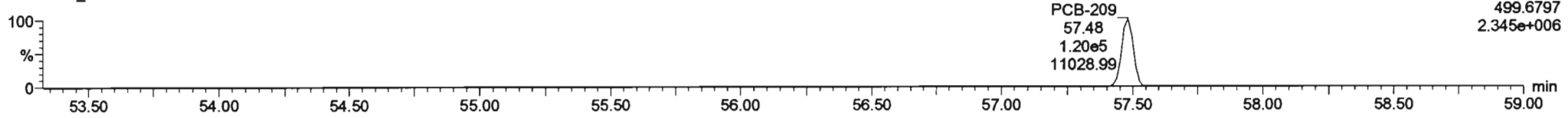
PCB-209

200617K2_2



F5:Voltage SIR,EI+
497.6826
2.862e+006

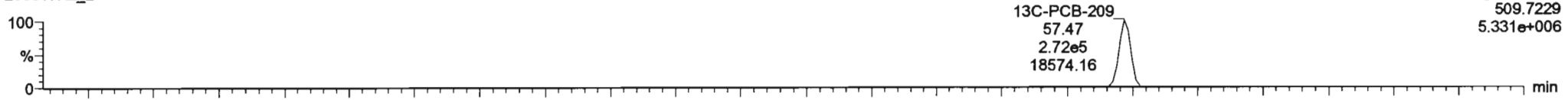
200617K2_2



F5:Voltage SIR,EI+
499.6797
2.345e+006

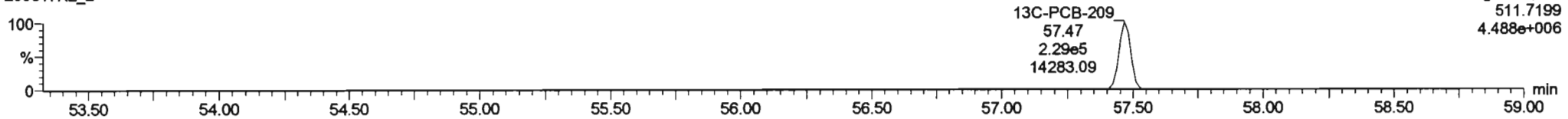
13C-PCB-209

200617K2_2



F5:Voltage SIR,EI+
509.7229
5.331e+006

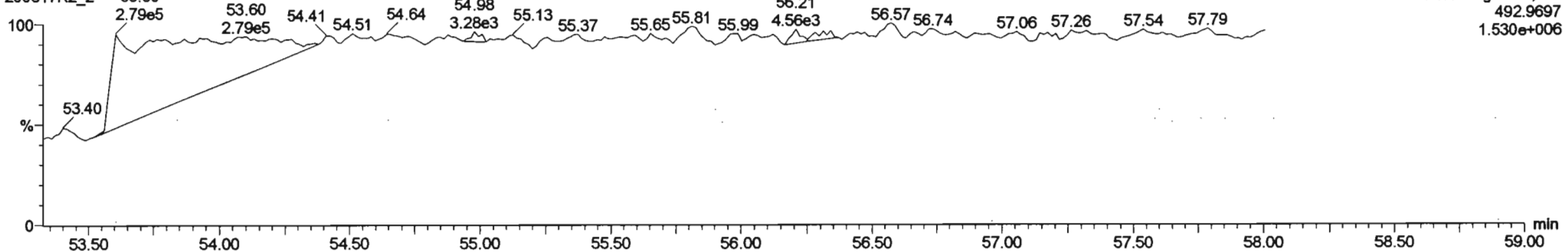
200617K2_2



F5:Voltage SIR,EI+
511.7199
4.488e+006

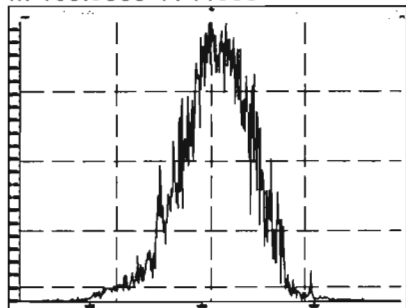
PFK5b

200617K2_2

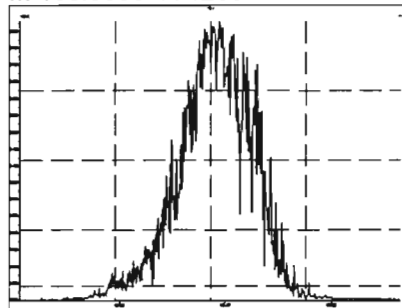


F5:Voltage SIR,EI+
492.9697
1.530e+006

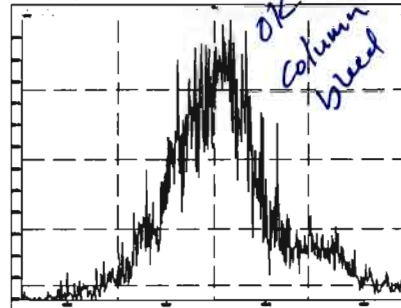
M 168.9888 R 11908



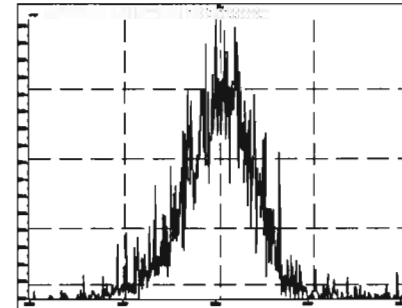
M 180.9888 R 12661



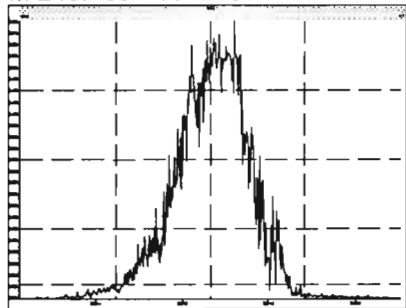
M 192.9888 R 7453



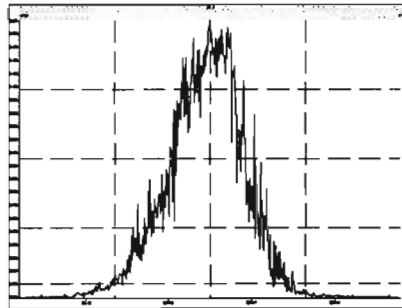
M 204.9888 R 15461



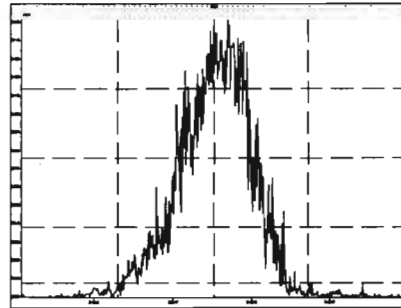
M 218.9856 R 12953



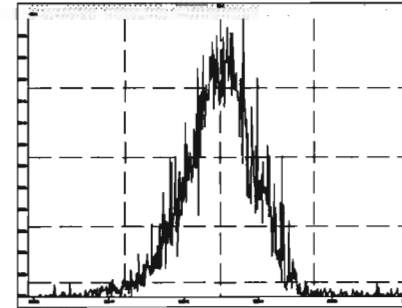
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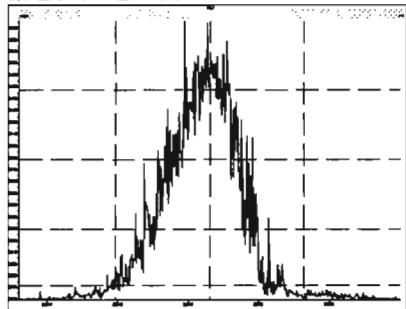
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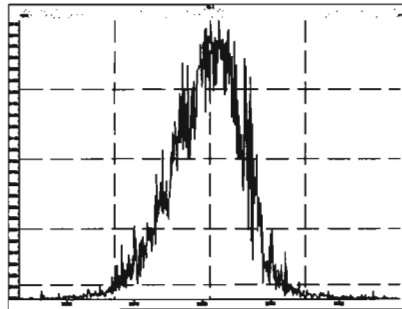
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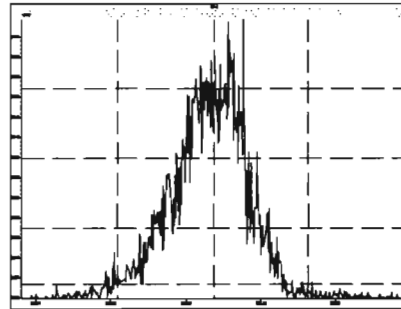
M 268.9824 R 13090



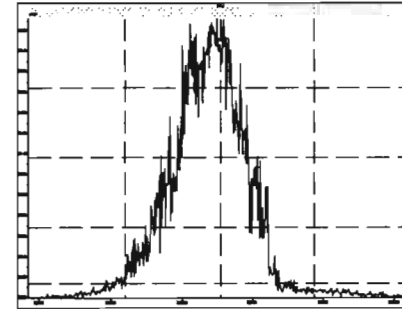
M 280.9824 R 13023



M 254.9856 R 12729

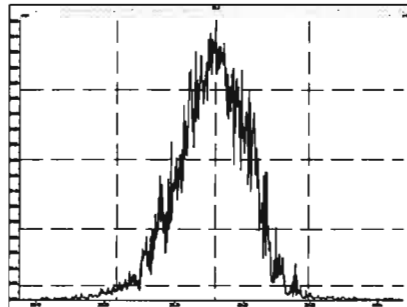


M 268.9824 R 12502

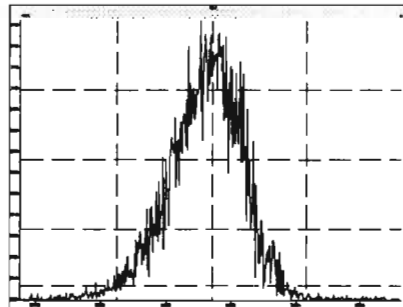


Printed: Thursday, June 18, 2020 09:51:50 Pacific Daylight Time

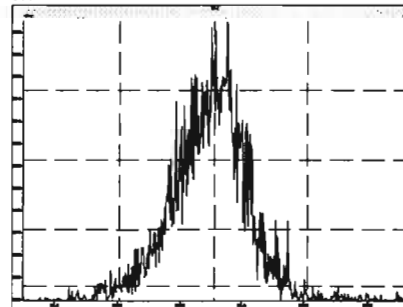
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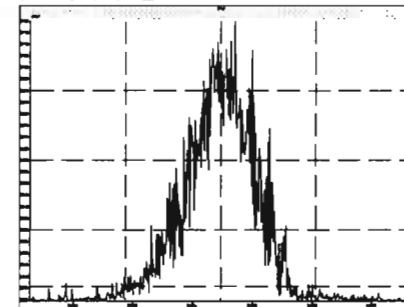
M 292.9824 R 13071



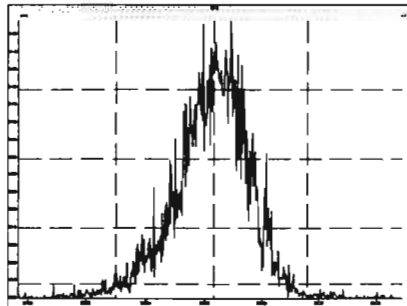
M 304.9824 R 13446



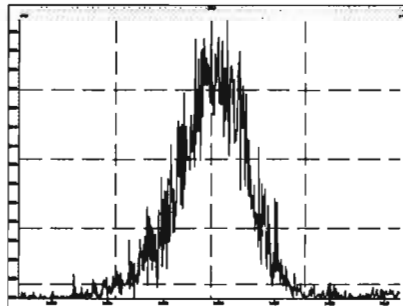
M 318.9792 R 13931



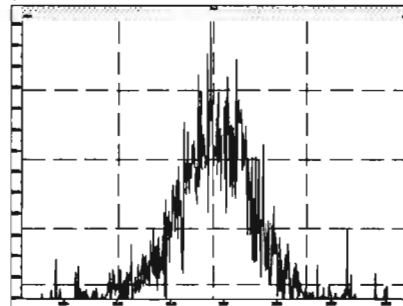
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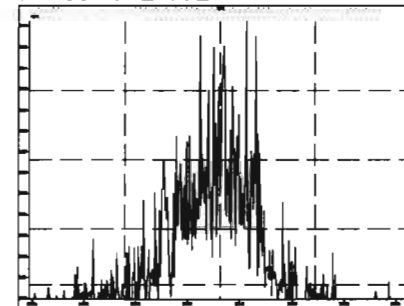
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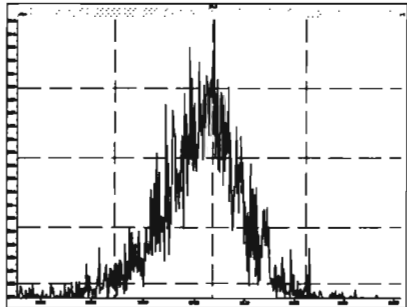
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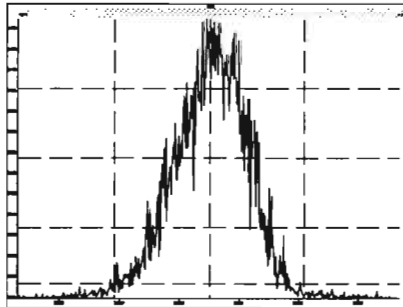
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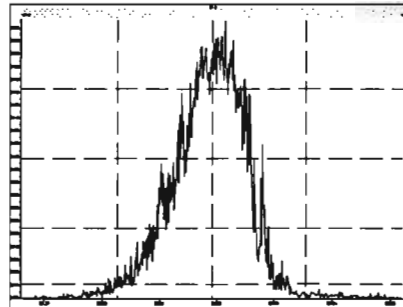
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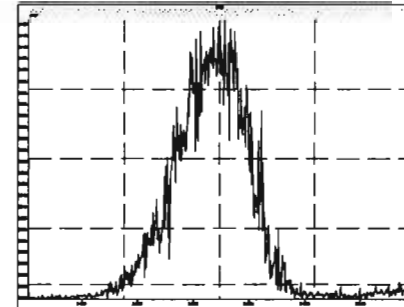
M 318.9792 R 13693



M 330.9792 R 12726

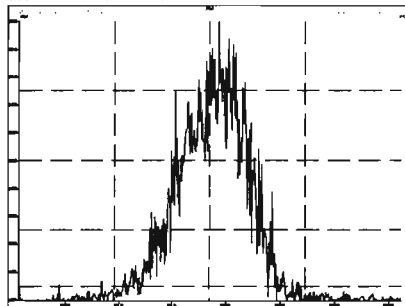


M 342.9792 R 13018

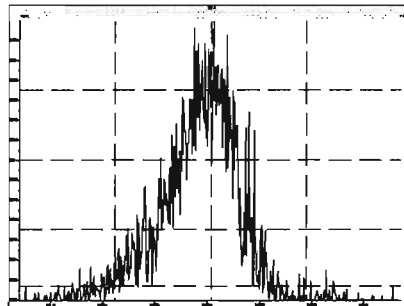


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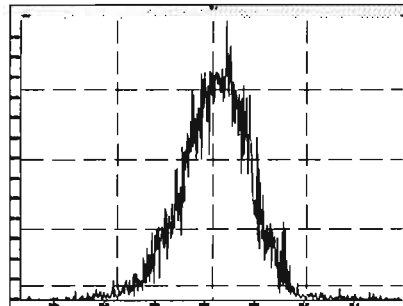
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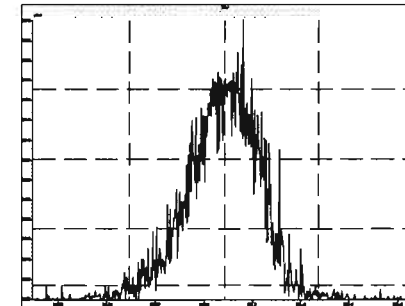
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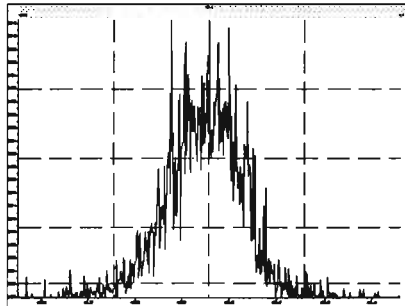
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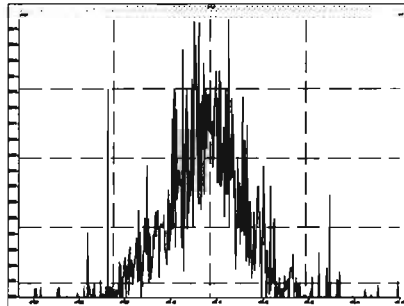
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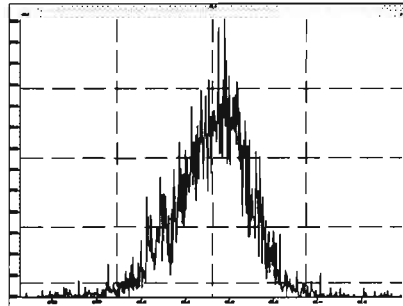
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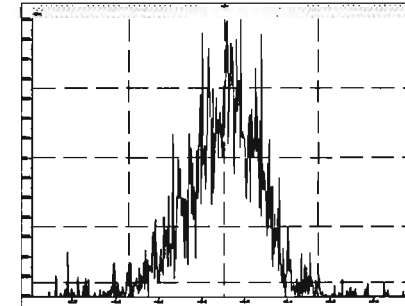
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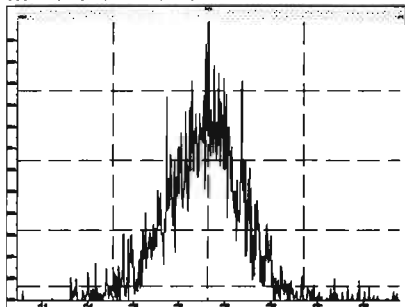
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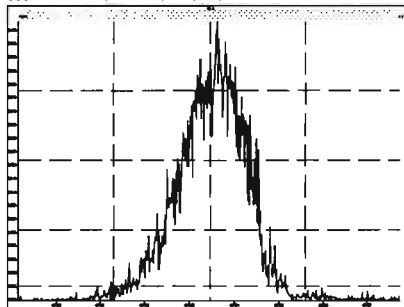
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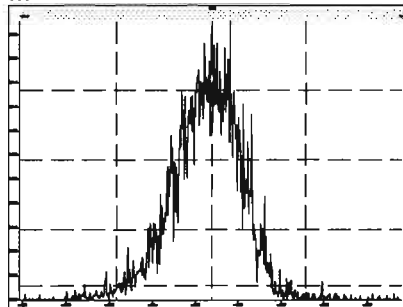
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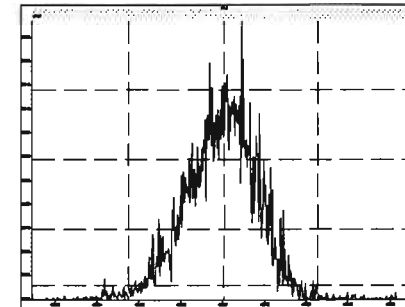
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M 442.9728 R 14066

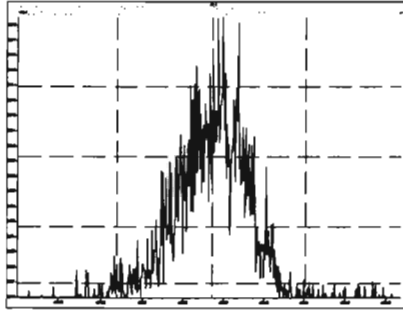


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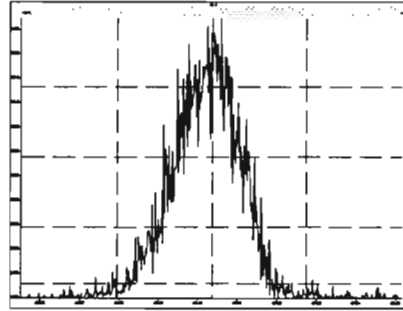


Printed: Thursday, June 18, 2020 09:51:50 Pacific Daylight Time

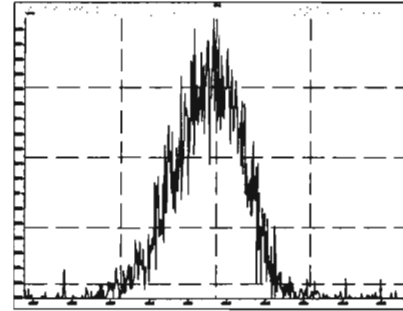
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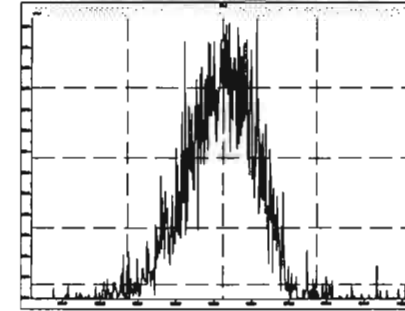
M 480.9696 R 13812



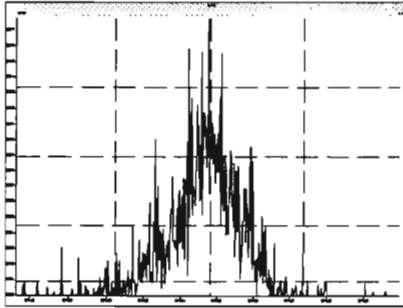
M 492.9696 R 15497



M 504.9696 R 14259



M 516.9697 R 20251



INITIAL CALIBRATION

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

hr 6/2/2020

GT 06/02/2020

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

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

Begin Rescheck: 1 mass under 10K

End Rescheck: some mass affected by column bleed.

Method: Untitled 01 Jun 2020 09:39:00

Calibration: U:\VG11.PRO\CurveDB\cb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

-1 mass under 10K

Compound name: PCB-1

Response Factor: 1.1683

RRF SD: 0.0700662, Relative SD: 5.99729

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

Curve type: RF

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

Compound name: PCB-2

Response Factor: 1.1828

RRF SD: 0.0716252, Relative SD: 6.05556

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-7/9

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

Compound name: PCB-8

Response Factor: 1.02356

RRF SD: 0.0533669, Relative SD: 5.21385

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

Curve type: RF

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

Compound name: PCB-5/8

Response Factor: 0.992495

RRF SD: 0.0686245, Relative SD: 6.71283

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

Curve type: RF

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

Dataset: U:\VG11.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-14
 Response Factor: 1.01729
 RRF SD: 0.0674193, Relative SD: 6.62732
 Response type: Internal Std (Ref 173), Area * (IS Conc. / IS Area)
 Curve type: RF

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

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

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

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

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

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

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

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

Compound name: PCB-12/13

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

Compound name: PCB-15

Response Factor: 1.03482

RRF SD: 0.0605674, Relative SD: 5.85293

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

Curve type: RF

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

Compound name: PCB-19

Response Factor: 1.10626

RRF SD: 0.0710209, Relative SD: 6.41991

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

Curve type: RF

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

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

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

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

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.15	NO	24.68	1.039	5.58e3	1.32e6	0.236	-5.5	1.70	MM
200601K1_2	1.00	1.03	NO	24.69	1.039	2.35e4	1.42e6	0.926	-7.4	1.66	MM
200601K1_3	2.50	1.05	NO	24.70	1.039	5.87e4	1.39e6	2.35	-6.2	1.68	MM
200601K1_4	50.0	1.03	NO	24.70	1.039	1.24e6	1.33e6	52.0	4.0	1.87	bb
200601K1_5	400	1.01	NO	24.70	1.039	1.09e7	1.40e6	435	8.8	1.95	bb
200601K1_6	1000	1.03	NO	24.70	1.039	2.65e7	1.39e6	1080	6.3	1.91	bb

Compound name: PCB-18
 Response Factor: 0.81773
 RRF SD: 0.0320259, Relative SD: 3.91644
 Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.07	NO	25.45	0.952	4.02e3	1.93e6	0.254	1.6	0.831	MM
200601K1_2	1.00	1.04	NO	25.46	0.952	1.62e4	2.07e6	0.957	-4.3	0.782	bd
200601K1_3	2.50	1.04	NO	25.46	0.952	3.92e4	2.03e6	2.37	-5.2	0.775	bd
200601K1_4	50.0	1.01	NO	25.47	0.952	8.23e5	1.97e6	51.0	2.0	0.834	bd
200601K1_5	400	1.03	NO	25.47	0.952	7.32e6	2.13e6	419	4.8	0.857	bd
200601K1_6	1000	1.02	NO	25.46	0.952	1.78e7	2.16e6	1010	1.0	0.826	bd

Compound name: PCB-17
 Response Factor: 0.758399
 RRF SD: 0.0346137, Relative SD: 4.56405
 Response type: Internal Std (Ref 175), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	0.250	1.04	NO	25.64	0.959	3.52e3	1.93e6	0.240	-3.8	0.729	MM
200601K1_2	1.00	1.09	NO	25.64	0.958	1.49e4	2.07e6	0.951	-4.9	0.721	db

Dataset: U:\VG11.PRO\Results\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-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

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

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

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

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.14	NO	27.58	0.959	4.74e3	2.38e6	0.211	-15.8	0.797	MM
200601K1_2	1.00	1.01	NO	27.58	0.959	2.43e4	2.38e6	1.08	8.0	1.02	bd
200601K1_3	2.50	1.02	NO	27.58	0.959	5.47e4	2.33e6	2.48	-0.8	0.939	bd
200601K1_4	50.0	1.05	NO	27.58	0.959	1.08e6	2.26e6	50.5	0.9	0.954	bd
200601K1_5	400	1.08	NO	27.58	0.959	9.47e6	2.40e6	418	4.4	0.987	bd
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
200601K1_1	0.250	1.03	NO	27.67	0.962	5.14e3	2.38e6	0.245	-2.0	0.865	MM
200601K1_2	1.00	1.07	NO	27.67	0.962	1.97e4	2.38e6	0.935	-6.5	0.826	db
200601K1_3	2.50	1.04	NO	27.67	0.962	4.95e4	2.33e6	2.40	-3.8	0.849	db
200601K1_4	50.0	1.05	NO	27.67	0.962	1.05e6	2.26e6	52.8	5.3	0.930	dd
200601K1_5	400	1.07	NO	27.67	0.962	8.81e6	2.40e6	416	3.9	0.918	db
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
200601K1_1	0.250	1.11	NO	27.91	0.971	4.92e3	2.38e6	0.232	-7.2	0.828	MM
200601K1_2	1.00	1.12	NO	27.93	0.971	2.20e4	2.38e6	1.03	3.1	0.921	bd

Dataset: U:\VG11.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-29

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

Compound name: PCB-26

Response Factor: 0.943921

RRF SD: 0.0501146, Relative SD: 5.3082

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

Curve type: RF

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

Compound name: PCB-25

Response Factor: 0.949875

RRF SD: 0.0334033, Relative SD: 3.5166

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-20/21/33

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

Compound name: PCB-22

Response Factor: 0.972852

RRF SD: 0.0679212, Relative SD: 6.98165

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

Curve type: RF

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

Compound name: PCB-36

Response Factor: 1.07599

RRF SD: 0.05125, Relative SD: 4.76304

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

Curve type: RF

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

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

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

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

Compound name: PCB-39
 Response Factor: 0.968291
 RRF SD: 0.0625968, Relative SD: 6.33405
 Response type: Internal Std (Ref 177), Area * (IS Conc. / IS Area)
 Curve type: RF

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

Compound name: PCB-38
 Response Factor: 1.05188
 RRF SD: 0.0528736, 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	2.36	-5.5	0.994	dd
4	200601K1_4	50.0	1.09	NO	31.78	0.970	1.12e6	2.09e6	51.0	2.1	1.07	dd
5	200601K1_5	400	1.05	NO	31.78	0.970	9.81e6	2.17e6	430	7.5	1.13	dd
6	200601K1_6	1000	1.03	NO	31.78	0.970	2.45e7	2.27e6	1030	2.8	1.08	dd

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

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

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

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

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

Compound name: PCB-35

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_3	2.50	1.01	NO	32.33	0.967	5.53e4	2.26e6	2.34	-6.4	0.977	db
200601K1_4	50.0	1.07	NO	32.33	0.967	1.15e6	2.09e6	52.5	5.0	1.10	dd
200601K1_5	400	1.06	NO	32.33	0.967	9.64e6	2.17e6	426	6.8	1.11	dd
200601K1_6	1000	1.06	NO	32.33	0.966	2.50e7	2.27e6	1060	5.6	1.10	dd

Compound name: PCB-37

Response Factor: 1.00907

RRF SD: 0.0813948, Relative SD: 8.0663

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

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	1.04	NO	32.77	1.000	4.58e3	2.11e6	0.215	-13.9	0.869	MM
200601K1_2	1.00	1.09	NO	32.77	1.000	2.21e4	2.26e6	0.972	-2.8	0.981	MM
200601K1_3	2.50	1.04	NO	32.77	1.000	5.65e4	2.26e6	2.47	-1.0	0.999	MM
200601K1_4	50.0	1.05	NO	32.79	1.001	1.10e6	2.09e6	51.9	3.8	1.05	MM
200601K1_5	400	1.04	NO	32.79	1.001	9.57e6	2.17e6	437	9.4	1.10	MM
200601K1_6	1000	1.04	NO	32.79	1.001	2.39e7	2.27e6	1050	4.6	1.06	MM

Compound name: PCB-54

Response Factor: 1.07963

RRF SD: 0.0563853, Relative SD: 5.22166

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

Curve type: RF

Name	Std. Conc.	RA	Hy	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	0.250	0.74	NO	27.62	1.001	4.22e3	1.88e6	0.232	-7.1	1.00	MM
200601K1_2	1.00	0.80	NO	27.64	1.001	1.98e4	1.85e6	0.990	-1.0	1.07	bb
200601K1_3	2.50	0.76	NO	27.64	1.001	4.63e4	1.80e6	2.38	-4.9	1.03	bb
200601K1_4	50.0	0.76	NO	27.64	1.001	9.76e5	1.75e6	51.6	3.2	1.11	bb
200601K1_5	400	0.79	NO	27.64	1.001	6.59e6	1.86e6	422	5.8	1.14	bb
200601K1_6	1000	0.77	NO	27.64	1.001	2.11e7	1.86e6	1040	4.2	1.13	bb

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-51

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

Compound name: PCB-45

Response Factor: 0.858411

RRF SD: 0.0476675, Relative SD: 5.55299

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

Curve type: RF

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

Compound name: PCB-46

Response Factor: 0.830725

RRF SD: 0.0416585, Relative SD: 5.01471

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-43/49

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

Compound name: PCB-47

Response Factor: 0.92191

RRF SD: 0.0589335, Relative SD: 6.39255

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

Curve type: RF

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

Compound name: PCB-48/75

Response Factor: 1.12021

RRF SD: 0.0667822, Relative SD: 5.96157

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

Curve type: RF

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

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

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

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

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

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

	Name	Std Conc	RA	Qty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
1	200801K1_1	0.250	0.72	NO	32.29	1.016	4.14e3	1.44e6	0.255	2.1	1.15	db
2	200801K1_2	1.00	0.70	NO	32.29	1.016	1.80e4	1.59e6	0.999	-0.1	1.13	dd
3	200801K1_3	2.50	0.79	NO	32.29	1.016	4.05e4	1.53e6	2.35	-6.1	1.06	dd
4	200801K1_4	50.0	0.76	NO	32.31	1.016	8.53e5	1.49e6	50.8	1.8	1.15	db
5	200801K1_5	400	0.79	NO	32.31	1.016	7.38e6	1.60e6	409	2.2	1.15	db
6	200801K1_6	1000	0.76	NO	32.31	1.016	1.88e7	1.68e6	1000	0.3	1.13	db

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

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

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

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

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

Compound name: PCB-44

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

Compound name: PCB-42/59

Response Factor: 1.04973

RRF SD: 0.0493426, Relative SD: 4.70053

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

Curve type: RF

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

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

Response Factor: 1.18742

RRF SD: 0.0661253, Relative SD: 5.56883

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-57

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

Compound name: PCB-67

Response Factor: 1.0841

RRF SD: 0.0420751, Relative SD: 3.8811

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

Curve type: RF

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

Compound name: PCB-58

Response Factor: 1.20403

RRF SD: 0.0834546, Relative SD: 6.93126

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

Curve type: RF

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

Dataset: U:\VG11.PRO\Results200601K1\200601K1-CRVB.qld

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

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

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.250	0.82	NO	34.91	0.988	4.33e3	1.70e6	0.237	-5.1	1.02	db
2	200601K1_2	1.00	0.75	NO	34.91	0.988	1.92e4	1.84e6	0.972	-2.8	1.04	dd
3	200601K1_3	2.50	0.79	NO	34.91	0.988	4.66e4	1.79e6	2.42	-3.2	1.04	db
4	200601K1_4	50.0	0.77	NO	34.91	0.988	9.31e5	1.73e6	50.1	0.2	1.07	db
5	200601K1_5	400	0.78	NO	34.91	0.988	8.42e6	1.84e6	427	6.8	1.14	db
6	200601K1_6	1000	0.77	NO	34.91	0.988	2.12e7	1.90e6	1040	4.1	1.12	db

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

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.250	0.82	NO	35.21	0.995	4.68e3	1.70e6	0.232	-7.3	1.10	bd
2	200601K1_2	1.00	0.74	NO	35.21	0.994	2.06e4	1.84e6	0.943	-5.7	1.12	MM
3	200601K1_3	2.50	0.74	NO	35.21	0.994	5.22e4	1.79e6	2.46	-1.8	1.16	MM
4	200601K1_4	50.0	0.77	NO	35.21	0.994	1.05e6	1.73e6	51.3	2.6	1.22	bd
5	200601K1_5	400	0.76	NO	35.21	0.994	9.38e6	1.84e6	430	7.6	1.28	bd
6	200601K1_6	1000	0.77	NO	35.21	0.994	2.36e7	1.90e6	1050	4.5	1.24	bd

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

	Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200601K1_1	0.500	0.86	NO	35.41	1.000	8.47e3	1.70e6	0.472	-5.7	0.994	MM
2	200601K1_2	2.00	0.78	NO	35.34	0.998	3.65e4	1.84e6	1.88	-5.8	0.993	MM

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

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

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

Compound name: PCB-61/70

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

Compound name: PCB-76/86

Response Factor: 1.16443

RRF SD: 0.0785507, Relative SD: 6.5741

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

Curve type: RF

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

Compound name: PCB-80

Response Factor: 1.18682

RRF SD: 0.0586291, Relative SD: 4.94003

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

Curve type: RF

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

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

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

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

Compound name: PCB-55

Response Factor: 1.16899

RRF SD: 0.0699531, Relative SD: 5.98407

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

Curve type: RF

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

Compound name: PCB-56/60

Response Factor: 1.01793

RRF SD: 0.0552104, Relative SD: 5.42377

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

Curve type: RF

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

Compound name: PCB-79

Response Factor: 1.13843

RRF SD: 0.0710526, Relative SD: 6.24129

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

Curve type: RF

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

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

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

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

Compound name: PCB-79

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_3	2.50	0.80	NO	37.80	1.054	5.06e4	1.86e6	2.39	-4.3	1.09	MM
200601K1_4	50.0	0.77	NO	37.80	1.054	1.06e6	1.79e6	51.8	3.6	1.18	bb
200601K1_5	400	0.77	NO	37.81	1.055	9.30e6	1.90e6	430	7.4	1.22	bb
200601K1_6	1000	0.77	NO	37.81	1.055	2.39e7	1.99e6	1060	5.6	1.20	bb

Compound name: PCB-78

Response Factor: 1.13645

RRF SD: 0.0648397, Relative SD: 5.70544

Response type: Internal Std (Ref 183), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.84	NO	39.50	0.988	4.37e3	1.65e6	0.234	-6.6	1.08	MM
200601K1_2	1.00	0.72	NO	39.52	0.987	1.92e4	1.76e6	0.959	-4.1	1.09	MM
200601K1_3	2.50	0.77	NO	39.52	0.987	4.87e4	1.80e6	2.38	-4.7	1.08	MM
200601K1_4	50.0	0.77	NO	39.52	0.987	1.02e6	1.70e6	52.5	4.9	1.19	MM
200601K1_5	400	0.79	NO	39.52	0.987	8.97e6	1.88e6	420	5.1	1.19	MM
200601K1_6	1000	0.78	NO	39.52	0.987	2.33e7	1.94e6	1050	5.5	1.20	MM

Compound name: PCB-81

Response Factor: 1.04638

RRF SD: 0.0531934, Relative SD: 5.08358

Response type: Internal Std (Ref 183), Area * (IS Conc. / IS Area)

Curve type: RF

Name	Std Conc	RA	nty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	0.71	NO	39.08	1.000	3.97e3	1.85e6	0.230	-7.9	0.964	MM
200601K1_2	1.00	0.76	NO	39.08	1.000	1.82e4	1.76e6	0.987	-1.3	1.03	MM
200601K1_3	2.50	0.75	NO	39.08	1.000	4.55e4	1.80e6	2.41	-3.4	1.01	MM
200601K1_4	50.0	0.77	NO	39.08	1.000	9.27e5	1.70e6	52.0	4.1	1.09	MM
200601K1_5	400	0.76	NO	39.08	1.000	8.26e6	1.88e6	420	5.0	1.10	MM
200601K1_6	1000	0.75	NO	39.08	1.000	2.10e7	1.94e6	1040	3.5	1.08	dd

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

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

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

Compound name: PCB-77

Response Factor: 1.13899

RRF SD: 0.0451791, Relative SD: 3.97357

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

Curve type: RF

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

Compound name: PCB-104

Response Factor: 1.12208

RRF SD: 0.11916, Relative SD: 10.6196

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

Curve type: RF

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

Compound name: PCB-96

Response Factor: 1.15383

RRF SD: 0.0979018, Relative SD: 8.48491

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

Curve type: RF

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

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

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

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

Compound name: PCB-96

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

Compound name: PCB-103

Response Factor: 0.936494

RRF SD: 0.0702306, Relative SD: 7.49931

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.88	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	1.58	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	8.3	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	1.48	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	5.88e5	1.17e6	50.5	1.0	0.983	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	8.2	1.03	bb

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

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

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

Compound name: PCB-94

Response Factor: 0.948862

RRF SD: 0.0587427, Relative SD: 6.19086

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

Curve type: RF

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

Compound name: PCB-95/98/102

Response Factor: 1.20445

RRF SD: 0.061353, Relative SD: 5.09384

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

Curve type: RF

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

Compound name: PCB-83

Response Factor: 0.935009

RRF SD: 0.088569, Relative SD: 9.47253

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

Curve type: RF

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

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

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

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

Compound name: PCB-83

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

Compound name: PCB-88/91

Response Factor: 1.06482

RRF SD: 0.0420968, Relative SD: 3.95341

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

Curve type: RF

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

Compound name: PCB-121

Response Factor: 1.70958

RRF SD: 0.131372, Relative SD: 7.68456

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

Curve type: RF

Name	Std. Conc.	RA	rt/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.84	NO	36.23	1.015	4.15e3	8.86e5	0.274	9.5	1.87	db
200801K1_2	1.00	1.86	NO	36.23	1.015	1.50e4	9.63e5	0.910	-9.0	1.58	db
200801K1_3	2.50	1.85	NO	36.25	1.015	3.70e4	9.53e5	2.27	-9.2	1.55	dd
200801K1_4	50.0	1.56	NO	36.25	1.015	7.99e5	9.36e5	50.0	-0.1	1.71	db
200801K1_5	400	1.59	NO	36.25	1.015	7.25e6	1.01e6	420	4.9	1.79	db
200801K1_6	1000	1.59	NO	36.25	1.015	1.86e7	1.05e6	1040	3.8	1.77	db

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

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

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

Compound name: PCB-84/92

Response Factor: 1.01774

RRF SD: 0.0662787, Relative SD: 6.51234

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

Curve type: RF

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

Compound name: PCB-89

Response Factor: 1.1051

RRF SD: 0.0694328, Relative SD: 6.28293

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

Curve type: RF

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

Compound name: PCB-90/101

Response Factor: 1.12263

RRF SD: 0.0479543, Relative SD: 4.27159

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

Curve type: RF

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

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

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

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

Compound name: PCB-90/101

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

Compound name: PCB-113

Response Factor: 1.51404

RRF SD: 0.104163, Relative SD: 6.87979

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

Curve type: RF

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

Compound name: PCB-99

Response Factor: 1.32101

RRF SD: 0.111661, Relative SD: 8.45271

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

Curve type: RF

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

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

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

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

Compound name: PCB-119

Response Factor: 1.80526

RRF SD: 0.0967589, Relative SD: 5.35982

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

Curve type: RF

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

Compound name: PCB-108/112

Response Factor: 1.44497

RRF SD: 0.091955, Relative SD: 6.36379

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

Curve type: RF

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

Compound name: PCB-83

Response Factor: 1.83179

RRF SD: 0.0986786, Relative SD: 5.387

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

Curve type: RF

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

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

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

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

Compound name: PCB-83

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

Compound name: PCB-87

Response Factor: 1.28197

RRF SD: 0.0538988, Relative SD: 4.20437

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

Curve type: RF

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

Compound name: PCB-88

Response Factor: 1.11715

RRF SD: 0.0744773, Relative SD: 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

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-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	5.6	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

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

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

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

Compound name: PCB-85/116

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

Compound name: PCB-120

Response Factor: 2.00504

RRF SD: 0.113682, Relative SD: 5.66984

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

Curve type: RF

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

Compound name: PCB-110

Response Factor: 1.74266

RRF SD: 0.0926364, Relative SD: 5.3158

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-107/109

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

Compound name: PCB-123

Response Factor: 1.19789

RRF SD: 0.0778787, Relative SD: 6.48483

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

Curve type: RF

Name	Std. Conc.	RA	inj	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	0.250	1.66	NO	41.48	1.001	2.87e3	1.02e6	0.236	-5.7	1.13	db
200801K1_2	1.00	1.57	NO	41.48	1.001	1.21e4	1.11e6	0.917	-8.3	1.10	dd
200801K1_3	2.50	1.54	NO	41.48	1.001	3.25e4	1.12e6	2.43	-2.7	1.17	dd
200801K1_4	50.0	1.59	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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-105

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

Compound name: PCB-127

Response Factor: 1.05904

RRF SD: 0.0891593, Relative SD: 6.53037

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

Curve type: RF

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

Compound name: PCB-128

Response Factor: 1.17214

RRF SD: 0.0891348, Relative SD: 7.60443

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

Curve type: RF

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

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

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

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

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

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

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

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

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

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

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

Compound name: PCB-152

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

Compound name: PCB-145

Response Factor: 1.18848

RRF SD: 0.0869925, Relative SD: 7.31963

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

Curve type: RF

Name	Std Conc	RA	nty	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200801K1_1	0.250	1.30	NO	39.27	1.062	1.80e3	6.57e5	0.231	-7.7	1.10	MM
200801K1_2	1.00	1.31	NO	39.27	1.062	8.51e3	7.35e5	0.974	-2.6	1.16	bb
200801K1_3	2.50	1.25	NO	39.27	1.061	2.04e4	7.36e5	2.34	-6.6	1.11	bb
200801K1_4	50.0	1.31	NO	39.27	1.061	4.24e5	7.19e5	49.6	-0.9	1.18	bb
200801K1_5	400	1.28	NO	39.27	1.061	4.10e6	7.88e5	438	9.5	1.30	bb
200801K1_6	1000	1.29	NO	39.27	1.061	1.02e7	7.92e5	1080	6.2	1.29	bb

Compound name: PCB-136

Response Factor: 1.02088

RRF SD: 0.0891715, Relative SD: 6.77588

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	1080	6.5	1.09	bd

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-151

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

Compound name: PCB-135

Response Factor: 0.922274

RRF SD: 0.05017, Relative SD: 5.43982

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

Curve type: RF

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

Compound name: PCB-144

Response Factor: 0.788937

RRF SD: 0.0931784, Relative SD: 11.8106

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

Curve type: RF

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

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

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

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

Name	Std. Conc.	RA	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

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

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

Compound name: PCB-140

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

Compound name: PCB-131/133

Response Factor: 0.820779

RRF SD: 0.0843262, Relative SD: 10.2739

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

Curve type: RF

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

Dataset: U:\WG11.PROVResults\200601K1\200601K1-CRVB.qld

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

Compound name: PCB-142
 Response Factor: 0.754261
 RRF SD: 0.0382275, Relative SD: 5.06821
 Response type: Internal Std (Ref 196), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Int. Conc.	RA	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

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

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

Compound name: PCB-132/161

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

Compound name: PCB-153

Response Factor: 1.07057

RRF SD: 0.0679682, Relative SD: 6.34876

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

Curve type: RF

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

Compound name: PCB-168

Response Factor: 1.07725

RRF SD: 0.0814218, Relative SD: 7.55832

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

Curve type: RF

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

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

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

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

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

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

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

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

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

Dataset: U:\VG11.PRO\Results\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-130

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

Compound name: PCB-138/163/164

Response Factor: 1.28353

RRF SD: 0.106549, Relative SD: 8.30127

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

Curve type: RF

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

Compound name: PCB-158/160

Response Factor: 1.23999

RRF SD: 0.0786271, Relative SD: 6.34093

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

Curve type: RF

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

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

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

Compound name: PCB-129
 Response Factor: 0.866678
 RRF SD: 0.0575828, Relative SD: 6.64409
 Response type: Internal Std (Ref 198), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.30	NO	45.54	1.012	2.07e3	1.00e6	0.239	-4.5	0.827	MM
200801K1_2	1.00	1.30	NO	45.54	1.012	9.27e3	1.11e6	0.968	-3.4	0.837	db
200801K1_3	2.50	1.28	NO	45.54	1.012	2.27e4	1.16e6	2.27	-9.2	0.787	db
200801K1_4	50.0	1.23	NO	45.54	1.012	4.97e5	1.07e6	53.4	6.8	0.926	db
200801K1_5	400	1.22	NO	45.54	1.012	4.35e6	1.18e6	426	6.6	0.923	db
200801K1_6	1000	1.22	NO	45.54	1.012	1.10e7	1.22e6	1040	3.8	0.900	db

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

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.21	NO	46.02	0.993	3.46e3	1.22e6	0.249	-0.5	1.14	db
200801K1_2	1.00	1.17	NO	46.00	0.993	1.44e4	1.34e6	0.943	-5.7	1.08	MM
200801K1_3	2.50	1.25	NO	46.02	0.993	3.77e4	1.39e6	2.38	-4.7	1.09	MM
200801K1_4	50.0	1.24	NO	46.02	0.993	7.77e5	1.33e6	51.2	2.3	1.17	MM
200801K1_5	400	1.24	NO	46.02	0.993	6.88e6	1.42e6	423	5.8	1.21	MM
200801K1_6	1000	1.22	NO	46.02	0.993	1.77e7	1.51e6	1030	2.7	1.17	MM

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

Name	Std. Conc.	RA	Qty	RT	RRF	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200801K1_1	0.250	1.24	NO	46.34	1.000	3.62e3	1.22e6	0.245	-2.2	1.19	MM
200801K1_2	1.00	1.24	NO	46.34	1.000	1.58e4	1.34e6	0.961	-3.9	1.17	MM

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

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

Compound name: PCB-150

Name	Std Conc	RA	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

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

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

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

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.42	NO	48.38	1.000	3.07e3	1.18e6	0.231	-7.7	1.04	MM
200601K1_2	1.00	1.18	NO	48.38	1.000	1.32e4	1.26e6	0.931	-6.9	1.05	MM
200601K1_3	2.50	1.20	NO	48.38	1.000	3.67e4	1.35e6	2.42	-3.4	1.09	bb
200601K1_4	50.0	1.25	NO	48.38	1.000	7.58e5	1.31e6	51.2	2.5	1.15	bd
200601K1_5	400	1.22	NO	48.38	1.000	6.73e6	1.37e6	435	8.9	1.23	bd
200601K1_6	1000	1.23	NO	48.38	1.000	1.76e7	1.47e6	1070	6.8	1.20	bd

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

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

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

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

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

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

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

Compound name: PCB-169

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

Compound name: PCB-188

Response Factor: 1.28967

RRF SD: 0.0641497, Relative SD: 4.97412

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

Curve type: RF

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

Compound name: PCB-184

Response Factor: 1.23185

RRF SD: 0.0863042, Relative SD: 7.00722

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

Curve type: RF

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

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

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

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

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

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-186

Name	Std Conc	RA	riy	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	riy	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	riy	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

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

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

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

Compound name: PCB-182/187

Response Factor: 1.06615

RRF SD: 0.0507133, Relative SD: 4.75669

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

Curve type: RF

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

Compound name: PCB-183

Response Factor: 1.02281

RRF SD: 0.0863349, Relative SD: 8.44093

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

Curve type: RF

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

Compound name: PCB-185

Response Factor: 1.40567

RRF SD: 0.0901625, Relative SD: 6.41419

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

Curve type: RF

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

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

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

Compound name: PCB-185

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

Compound name: PCB-174

Response Factor: 1.35369

RRF SD: 0.0944983, Relative SD: 6.9808

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

Curve type: RF

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

Compound name: PCB-181

Response Factor: 1.47446

RRF SD: 0.117329, Relative SD: 7.9574

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

Curve type: RF

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

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

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

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

Compound name: PCB-177

Response Factor: 1.27779

RRF SD: 0.0954777, Relative SD: 7.4721

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

Curve type: RF

Name	Std Conc	RA	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

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

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

Compound name: PCB-173

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

Compound name: PCB-172

Response Factor: 1.37524

RRF SD: 0.11268, Relative SD: 8.20798

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

Curve type: RF

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

Compound name: PCB-192

Response Factor: 1.82672

RRF SD: 0.139002, Relative SD: 7.60937

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-191

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

Compound name: PCB-170

Response Factor: 1.40071

RRF SD: 0.105718, Relative SD: 7.54749

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

Curve type: RF

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

Compound name: PCB-190

Response Factor: 1.85102

RRF SD: 0.142118, Relative SD: 7.67782

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

Curve type: RF

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

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

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

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

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

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

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

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

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

Dataset: U:\VG11.PRO\Results\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-201

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X#	dropped
200601K1_3	2.50	0.94	NO	49.10	1.010	1.98e4	7.88e5	2.47	-1.2	1.04		bd
200601K1_4	50.0	0.91	NO	49.10	1.010	4.10e5	7.74e5	50.3	0.7	1.06		bd
200601K1_5	400	0.92	NO	49.10	1.010	3.88e6	8.21e5	424	6.0	1.12		bd
200601K1_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
200601K1_1	0.250	0.77	NO	49.24	1.014	1.83e3	6.72e5	0.238	-4.6	1.09		MM
200601K1_2	1.00	0.89	NO	49.28	1.014	8.01e3	7.55e5	0.930	-7.0	1.06		db
200601K1_3	2.50	0.82	NO	49.26	1.014	2.04e4	7.88e5	2.34	-6.5	1.07		db
200601K1_4	50.0	0.90	NO	49.26	1.014	4.36e5	7.74e5	49.4	-1.2	1.13		db
200601K1_5	400	0.91	NO	49.28	1.014	4.07e6	8.21e5	435	8.7	1.24		db
200601K1_6	1000	0.91	NO	49.26	1.014	1.07e7	8.48e5	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
200601K1_1	0.250	0.99	NO	49.58	1.021	1.89e3	6.72e5	0.248	-0.9	1.12		MM
200601K1_2	1.00	1.01	NO	49.58	1.020	7.47e3	7.55e5	0.874	-12.6	0.989		bb
200601K1_3	2.50	0.99	NO	49.58	1.020	2.16e4	7.88e5	2.49	-0.4	1.13		MM
200601K1_4	50.0	0.90	NO	49.58	1.020	4.31e5	7.74e5	49.2	-1.6	1.11		bb
200601K1_5	400	0.91	NO	49.58	1.020	4.00e6	8.21e5	431	7.7	1.22		bb
200601K1_6	1000	0.89	NO	49.58	1.020	1.03e7	8.48e5	1080	7.8	1.22		bb

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

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

Compound name: PCB-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	200801K1_1	0.250	1.00	NO	50.51	1.040	1.84e3	6.72e5	0.256	2.3	1.09	bb
2	200801K1_2	1.00	0.95	NO	50.51	1.039	7.00e3	7.55e5	0.866	-13.4	0.927	bb
3	200801K1_3	2.50	0.87	NO	50.51	1.039	2.02e4	7.66e5	2.46	-1.7	1.05	bb
4	200801K1_4	50.0	0.90	NO	50.53	1.040	4.10e5	7.74e5	49.5	-1.1	1.06	bb
5	200801K1_5	400	0.90	NO	50.53	1.040	3.78e6	8.21e5	430	7.5	1.15	bb
6	200801K1_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	200801K1_1	0.250	0.81	NO	52.08	1.072	1.22e3	6.72e5	0.229	-8.4	0.727	MM
2	200801K1_2	1.00	0.84	NO	52.08	1.072	5.92e3	7.55e5	0.988	-1.2	0.784	bd
3	200801K1_3	2.50	0.85	NO	52.08	1.072	1.51e4	7.66e5	2.48	-0.9	0.787	bd
4	200801K1_4	50.0	0.91	NO	52.08	1.072	2.98e5	7.74e5	48.8	-2.9	0.771	bd
5	200801K1_5	400	0.89	NO	52.08	1.072	2.76e6	8.21e5	424	6.0	0.841	bd
6	200801K1_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	200801K1_1	0.250	0.83	NO	52.21	1.075	1.18e3	6.72e5	0.216	-13.6	0.699	MM
2	200801K1_2	1.00	0.93	NO	52.19	1.074	6.27e3	7.55e5	1.03	2.7	0.831	db

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

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

Compound name: PCB-199

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

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

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

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

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

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

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

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

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

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

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

Compound name: PCB-208

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

Compound name: PCB-207

Response Factor: 0.916302

RRF SD: 0.0559032, Relative SD: 6.10095

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X = dropped
200601K1_1	0.250	1.18	NO	54.29	1.007	1.83e3	6.27e5	0.242	-3.3	0.886	bb
200601K1_2	1.00	1.36	NO	54.29	1.007	7.46e3	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

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

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

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

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	0.250	1.31	NO	57.48	1.000	8.49e2	3.85e5	0.236	-5.8	0.930	bb
200601K1_2	1.00	1.14	NO	57.49	1.000	3.51e3	3.87e5	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

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

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

Compound name: 13C-PCB-3

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

Compound name: 13C-PCB-4

Response Factor: 0.599965

RRF SD: 0.0112844, Relative SD: 1.87751

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

Curve type: RF

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

Compound name: 13C-PCB-9

Response Factor: 0.989602

RRF SD: 0.0158818, Relative SD: 1.63589

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

Curve type: RF

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

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

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

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

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

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

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

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

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

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

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

Compound name: 13C-PCB-32

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

Compound name: 13C-PCB-28

Response Factor: 1.06428

RRF SD: 0.0550204, Relative SD: 5.16973

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

Curve type: RF

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

Compound name: 13C-PCB-37

Response Factor: 0.989118

RRF SD: 0.0390859, Relative SD: 3.95159

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

Curve type: RF

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

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

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

Compound name: 13C-PCB-54
 Response Factor: 0.99939
 RRF SD: 0.0146278, Relative SD: 1.46368
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.77	NO	27.60	0.752	1.88e6	1.87e6	101	0.8	1.01	bb
200801K1_2	100	0.78	NO	27.62	0.753	1.85e6	1.82e6	102	1.7	1.02	bb
200801K1_3	100	0.79	NO	27.62	0.753	1.80e6	1.81e6	99.5	-0.5	0.995	bb
200801K1_4	100	0.79	NO	27.62	0.753	1.75e6	1.74e6	101	0.8	1.01	bb
200801K1_5	100	0.77	NO	27.62	0.752	1.88e6	1.89e6	99.7	-0.3	0.998	bb
200801K1_6	100	0.79	NO	27.62	0.752	1.88e6	1.92e6	97.5	-2.5	0.974	bb

Compound name: 13C-PCB-52
 Response Factor: 0.804222
 RRF SD: 0.0127119, Relative SD: 1.58085
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.78	NO	31.25	0.852	1.37e6	1.87e6	102	1.8	0.817	bd
200801K1_2	100	0.79	NO	31.26	0.852	1.50e6	1.82e6	102	2.3	0.823	bb
200801K1_3	100	0.81	NO	31.26	0.852	1.44e6	1.81e6	99.0	-1.0	0.796	bb
200801K1_4	100	0.79	NO	31.26	0.852	1.38e6	1.74e6	98.5	-1.5	0.792	bd
200801K1_5	100	0.77	NO	31.26	0.852	1.51e6	1.89e6	99.4	-0.6	0.799	bd
200801K1_6	100	0.77	NO	31.26	0.852	1.54e6	1.92e6	99.2	-0.8	0.796	bd

Compound name: 13C-PCB-47
 Response Factor: 0.857338
 RRF SD: 0.011554, Relative SD: 1.34766
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	rf	RT	RRF	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	31.77	0.866	1.44e6	1.87e6	100	0.3	0.860	bb
200801K1_2	100	0.78	NO	31.77	0.866	1.59e6	1.82e6	102	2.1	0.875	bb

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

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

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

Compound name: 13C-PCB-47

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

Compound name: 13C-PCB-70

Response Factor: 0.995775

RRF SD: 0.0166908, Relative SD: 1.67616

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

Curve type: RF

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

Compound name: 13C-PCB-80

Response Factor: 1.02819

RRF SD: 0.0132281, Relative SD: 1.28654

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

Curve type: RF

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

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

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

Compound name: 13C-PCB-81
 Response Factor: 0.987991
 RRF SD: 0.0137248, Relative SD: 1.38916
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

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

Compound name: 13C-PCB-77
 Response Factor: 0.988731
 RRF SD: 0.0228063, Relative SD: 2.35425
 Response type: Internal Std (Ref 215), Area * (IS Conc. / IS Area)
 Curve type: RF

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

Compound name: 13C-PCB-104
 Response Factor: 1.01645
 RRF SD: 0.0338582, Relative SD: 3.33102
 Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)
 Curve type: RF

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

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

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

Compound name: 13C-PCB-104

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

Compound name: 13C-PCB-95

Response Factor: 0.805195

RRF SD: 0.0178744, Relative SD: 2.19504

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

Curve type: RF

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

Compound name: 13C-PCB-101

Response Factor: 0.792577

RRF SD: 0.0148513, Relative SD: 1.84857

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

Curve type: RF

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

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

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

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

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.63	NO	38.80	0.989	7.55e5	1.08e6	100	0.0	0.697	bb
200601K1_2	100	1.64	NO	38.80	0.989	8.31e5	1.18e6	101	1.2	0.705	bb
200601K1_3	100	1.63	NO	38.80	0.989	8.21e5	1.17e6	101	0.7	0.701	bb
200601K1_4	100	1.64	NO	38.80	0.989	7.95e5	1.15e6	99.0	-1.0	0.690	bb
200601K1_5	100	1.61	NO	38.80	0.989	9.02e5	1.31e6	99.0	-1.0	0.689	bb
200601K1_6	100	1.61	NO	38.80	0.989	9.13e5	1.31e6	100	0.0	0.698	bb

Compound name: 13C-PCB-123
 Response Factor: 0.932868
 RRF SD: 0.0173754, Relative SD: 1.86258
 Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)
 Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.82	NO	41.44	1.056	1.02e6	1.08e6	101	0.6	0.939	bd
200601K1_2	100	1.81	NO	41.44	1.056	1.11e6	1.18e6	101	0.5	0.938	bd
200601K1_3	100	1.84	NO	41.44	1.056	1.12e6	1.17e6	102	2.1	0.953	bd
200601K1_4	100	1.82	NO	41.48	1.056	1.07e6	1.15e6	99.3	-0.7	0.928	bd
200601K1_5	100	1.82	NO	41.48	1.056	1.18e6	1.31e6	96.7	-3.3	0.902	bd
200601K1_6	100	1.81	NO	41.48	1.056	1.23e6	1.31e6	101	0.7	0.939	bd

Compound name: 13C-PCB-118
 Response Factor: 0.985592
 RRF SD: 0.0134189, Relative SD: 1.3815
 Response type: Internal Std (Ref 216), Area * (IS Conc. / IS Area)
 Curve type: RF

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

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

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

Compound name: 13C-PCB-118

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

Compound name: 13C-PCB-114

Response Factor: 1.54868

RRF SD: 0.0375936, Relative SD: 2.4308

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

Curve type: RF

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

Compound name: 13C-PCB-105

Response Factor: 1.57244

RRF SD: 0.0487805, Relative SD: 3.10222

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

Curve type: RF

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

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

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

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

Compound name: 13C-PCB-127

Response Factor: 1.82478

RRF SD: 0.0481809, Relative SD: 2.96539

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

Curve type: RF

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

Compound name: 13C-PCB-126

Response Factor: 1.56796

RRF SD: 0.0317856, Relative SD: 2.02719

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

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	1.55	NO	45.51	0.978	1.33e6	8.47e5	100	0.0	1.57	bb
200801K1_2	100	1.56	NO	45.51	0.978	1.49e6	9.25e5	103	2.8	1.81	bb
200801K1_3	100	1.59	NO	45.51	0.978	1.54e6	9.70e5	101	1.0	1.58	bb
200801K1_4	100	1.54	NO	45.52	0.978	1.45e6	9.28e5	100	0.1	1.57	bb
200801K1_5	100	1.57	NO	45.51	0.978	1.51e6	1.00e6	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	0.623	bb

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

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

Compound name: 13C-PCB-155

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

Compound name: 13C-PCB-153

Response Factor: 1.36484

RRF SD: 0.0310875, Relative SD: 2.27774

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

Curve type: RF

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

Compound name: 13C-PCB-141

Response Factor: 1.12787

RRF SD: 0.0175764, Relative SD: 1.55838

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

Curve type: RF

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

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

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

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

Name	Std. Conc.	RA	Inj	RT	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

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

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

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

Compound name: 13C-PCB-167

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

Compound name: 13C-PCB-156

Response Factor: 1.39893

RRF SD: 0.0275437, Relative SD: 1.97173

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

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.28	NO	48.37	1.038	1.16e6	8.47e5	99.8	-0.2	1.39	bb
200601K1_2	100	1.27	NO	48.37	1.038	1.26e6	9.25e5	97.8	-2.2	1.37	bb
200601K1_3	100	1.28	NO	48.37	1.038	1.35e6	9.70e5	99.5	-0.5	1.39	bb
200601K1_4	100	1.26	NO	48.37	1.037	1.31e6	9.26e5	102	1.7	1.42	bb
200601K1_5	100	1.26	NO	48.37	1.037	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.27	NO	48.37	1.037	1.47e6	1.02e6	103	2.9	1.44	bb

Compound name: 13C-PCB-157

Response Factor: 1.39899

RRF SD: 0.0376485, Relative SD: 2.69497

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

Curve type: RF

Name	Std. Conc.	RA	n/y	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200601K1_1	100	1.27	NO	48.63	1.043	1.19e6	8.47e5	100	0.2	1.40	bb
200601K1_2	100	1.28	NO	48.63	1.043	1.24e6	9.25e5	95.9	-4.1	1.34	bb
200601K1_3	100	1.28	NO	48.65	1.044	1.36e6	9.70e5	100	0.3	1.40	bb
200601K1_4	100	1.26	NO	48.65	1.043	1.31e6	9.26e5	102	1.6	1.42	bb
200601K1_5	100	1.27	NO	48.65	1.043	1.37e6	1.00e6	98.3	-1.7	1.37	bb
200601K1_6	100	1.26	NO	48.65	1.043	1.46e6	1.02e6	104	3.7	1.45	bb

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

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

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

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

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

Name	Std. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	0.45	NO	42.99	0.928	9.28e5	6.80e5	99.8	-0.2	1.41	bb
200801K1_2	100	0.45	NO	42.99	0.928	1.02e6	7.21e5	100	-0.0	1.41	bb
200801K1_3	100	0.46	NO	42.99	0.928	1.03e6	7.29e5	101	0.7	1.42	bb
200801K1_4	100	0.46	NO	43.00	0.928	1.01e6	7.30e5	98.5	-1.5	1.39	bb
200801K1_5	100	0.46	NO	43.00	0.928	1.13e6	8.04e5	100	0.1	1.41	bb
200801K1_6	100	0.45	NO	43.00	0.928	1.18e6	8.32e5	101	0.9	1.42	bb

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

Name	Std. Conc.	RA	Qty	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200801K1_1	100	0.46	NO	49.69	1.070	6.18e5	6.80e5	101	0.5	0.934	bd
200801K1_2	100	0.44	NO	49.69	1.070	6.54e5	7.21e5	97.6	-2.4	0.907	bd

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

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

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

Compound name: 13C-PCB-180

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

Compound name: 13C-PCB-170

Response Factor: 0.794323

RRF SD: 0.024833, Relative SD: 3.12632

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

Curve type: RF

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

Compound name: 13C-PCB-189

Response Factor: 1.04459

RRF SD: 0.0359944, Relative SD: 3.44577

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

Curve type: RF

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

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

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

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

Compound name: 13C-PCB-202

Response Factor: 1.03576

RRF SD: 0.0193089, Relative SD: 1.86423

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

Curve type: RF

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

Compound name: 13C-PCB-184

Response Factor: 0.768019

RRF SD: 0.0144259, Relative SD: 1.87833

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

Curve type: RF

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

Compound name: 13C-PCB-208

Response Factor: 0.990772

RRF SD: 0.01981, Relative SD: 1.97926

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

Curve type: RF

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

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

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

Compound name: 13C-PCB-208

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

Compound name: 13C-PCB-206

Response Factor: 0.552205

RRF SD: 0.00935022, Relative SD: 1.69325

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

Curve type: RF

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

Compound name: 13C-PCB-209

Response Factor: 0.396384

RRF SD: 0.0196712, Relative SD: 4.96267

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

Curve type: RF

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

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

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

Compound name: 13C-PCB-15

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.56	NO	25.52	0.000	2.62e6	2.62e6	100	0.0	1.00	bb
200601K1_2	100	1.57	NO	25.51	0.000	2.80e6	2.80e6	100	0.0	1.00	bb
200601K1_3	100	1.58	NO	25.53	0.000	2.85e6	2.85e6	100	0.0	1.00	bb
200601K1_4	100	1.56	NO	25.53	0.000	2.67e6	2.67e6	100	0.0	1.00	bb
200601K1_5	100	1.57	NO	25.53	0.000	2.81e6	2.81e6	100	0.0	1.00	bb
200601K1_6	100	1.56	NO	25.53	0.000	2.77e6	2.77e6	100	0.0	1.00	bb

Compound name: 13C-PCB-31

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	1.03	NO	28.66	0.000	2.08e6	2.08e6	100	0.0	1.00	bd
200601K1_2	100	1.04	NO	28.66	0.000	2.43e6	2.43e6	100	0.0	1.00	bd
200601K1_3	100	1.04	NO	28.66	0.000	2.26e6	2.26e6	100	0.0	1.00	bd
200601K1_4	100	1.05	NO	28.66	0.000	2.13e6	2.13e6	100	0.0	1.00	bd
200601K1_5	100	1.03	NO	28.66	0.000	2.24e6	2.24e6	100	0.0	1.00	bd
200601K1_6	100	1.04	NO	28.66	0.000	2.18e6	2.18e6	100	0.0	1.00	bd

Compound name: 13C-PCB-60

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

Name	Std. Conc.	RA	Int.	RT	RRF	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
200601K1_1	100	0.78	NO	36.66	0.000	1.67e6	1.67e6	100	0.0	1.00	bb
200601K1_2	100	0.80	NO	36.66	0.000	1.82e6	1.82e6	100	0.0	1.00	bb

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

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

Compound name: 13C-PCB-80

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

Compound name: 13C-PCB-111

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

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

Compound name: 13C-PCB-128

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

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

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

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

Compound name: 13C-PCB-182

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.46	NO	46.43	0.000	6.60e5	6.60e5	100	0.0	1.00	bb
200801K1_2	100	0.44	NO	46.43	0.000	7.21e5	7.21e5	100	0.0	1.00	bb
200801K1_3	100	0.46	NO	46.43	0.000	7.29e5	7.29e5	100	0.0	1.00	bb
200801K1_4	100	0.45	NO	46.43	0.000	7.30e5	7.30e5	100	0.0	1.00	bb
200801K1_5	100	0.45	NO	46.43	0.000	8.04e5	8.04e5	100	0.0	1.00	bb
200801K1_6	100	0.45	NO	46.43	0.000	8.32e5	8.32e5	100	0.0	1.00	bb

Compound name: 13C-PCB-205

Response Factor: 1

RRF SD: 0, Relative SD: 0

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

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.90	NO	54.98	0.000	8.59e5	8.59e5	100	0.0	1.00	bb
200801K1_2	100	0.89	NO	54.98	0.000	8.91e5	8.91e5	100	0.0	1.00	bb
200801K1_3	100	0.90	NO	54.98	0.000	9.85e5	9.85e5	100	0.0	1.00	bb
200801K1_4	100	0.90	NO	54.98	0.000	8.98e5	8.98e5	100	0.0	1.00	bb
200801K1_5	100	0.90	NO	54.98	0.000	9.37e5	9.37e5	100	0.0	1.00	bb
200801K1_6	100	0.92	NO	54.98	0.000	1.01e6	1.01e6	100	0.0	1.00	bb

Compound name: 13C-PCB-79

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

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

Curve type: RF

Name	Std. Conc.	RA	Qty	RT	RRT	Resp	IS Resp	Conc.	%Dev	RRF	X = dropped
200801K1_1	100	0.79	NO	37.78	1.030	1.83e6	1.67e6	102	2.2	1.09	bb
200801K1_2	100	0.80	NO	37.78	1.030	1.92e6	1.82e6	98.7	-1.3	1.06	bb

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

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

Compound name: 13C-PCB-79

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_3	100	0.79	NO	37.78	1.030	1.93e6	1.81e6	99.5	-0.5	1.06	bb
200601K1_4	100	0.77	NO	37.78	1.030	1.87e6	1.74e6	101	0.5	1.07	bb
200601K1_5	100	0.79	NO	37.78	1.029	1.98e6	1.89e6	98.0	-2.0	1.05	bb
200601K1_6	100	0.79	NO	37.78	1.029	2.08e6	1.92e6	101	1.0	1.08	bb

Compound name: 13C-PCB-178

Response Factor: 0.768471

RRF SD: 0.0163291, Relative SD: 2.13043

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	0.46	NO	45.87	0.988	8.59e5	8.47e5	101	1.5	0.778	bb
200601K1_2	100	0.45	NO	45.87	0.988	7.18e5	9.25e5	101	1.0	0.774	bb
200601K1_3	100	0.44	NO	45.88	0.988	7.23e5	9.70e5	97.2	-2.8	0.745	bb
200601K1_4	100	0.46	NO	45.88	0.988	7.30e5	9.26e5	103	2.9	0.788	bb
200601K1_5	100	0.44	NO	45.88	0.988	7.54e5	1.00e6	98.3	-1.7	0.754	bb
200601K1_6	100	0.45	NO	45.88	0.988	7.75e5	1.02e6	99.1	-0.9	0.759	bb

Compound name: 13C-PCB-79

Response Factor: 1.06893

RRF SD: 0.0167842, Relative SD: 1.57019

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

Curve type: RF

Name	Std Conc	RA	n/y	RT	RRT	Resp	IS Resp	Conc	%Dev	RRF	X=dropped
200601K1_1	100	0.79	NO	37.78	0.988	1.83e6	1.65e6	102	2.5	1.11	bb
200601K1_2	100	0.80	NO	37.78	0.988	1.92e6	1.76e6	101	0.8	1.09	bb
200601K1_3	100	0.79	NO	37.78	0.988	1.93e6	1.80e6	99.0	-1.0	1.07	bb
200601K1_4	100	0.77	NO	37.78	0.988	1.87e6	1.70e6	101	1.4	1.10	bb
200601K1_5	100	0.79	NO	37.78	0.988	1.98e6	1.88e6	97.4	-2.6	1.05	bb
200601K1_6	100	0.79	NO	37.78	0.988	2.08e6	1.94e6	99.0	-1.0	1.07	bb

Dataset: U:\VG11.PROVResults\200801K1\200801K1-CRVB.qld

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

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

	Name	Int. Conc.	RA	Int.	RT	RRT	Resp.	IS Resp.	Conc.	%Dev.	RRF	X = dropped
1	200801K1_1	100	0.46	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	0.46	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	-5.6	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

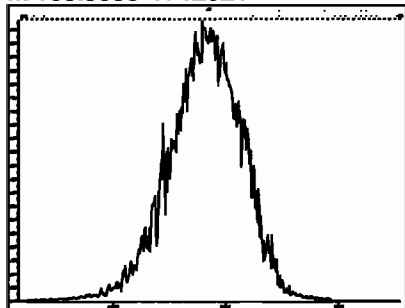
Compound name: PCB-1

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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

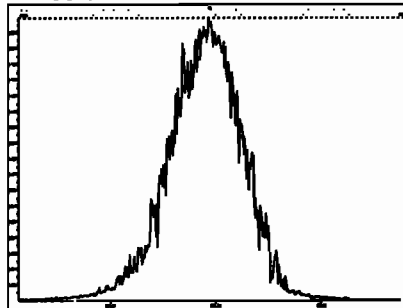
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Printed: Monday, June 01, 2020 12:03:14 Pacific Daylight Time

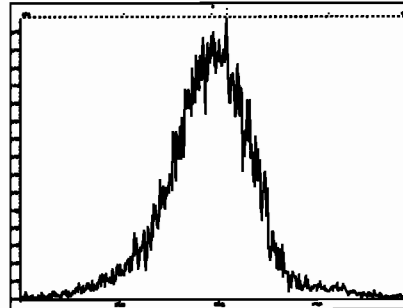
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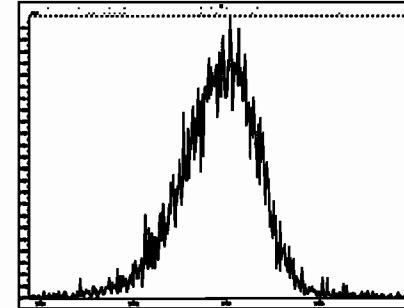
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M 192.9888 R 10041



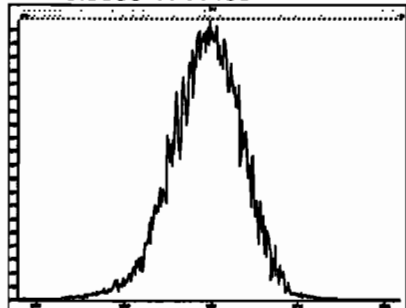
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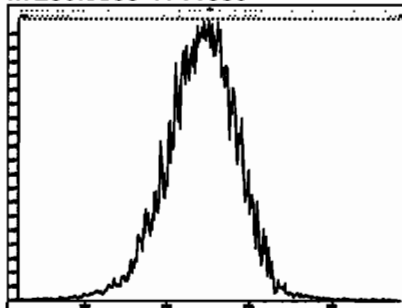
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Printed: Monday, June 01, 2020 12:03:55 Pacific Daylight Time

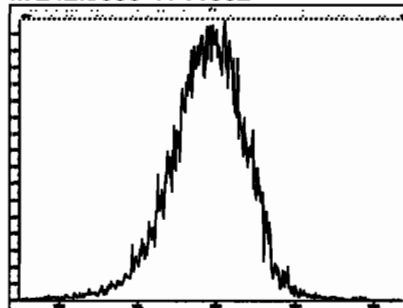
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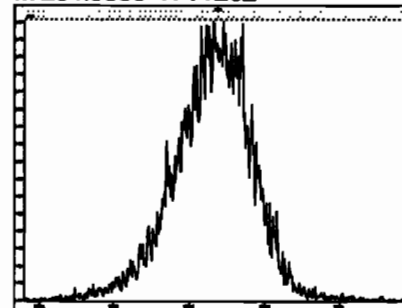
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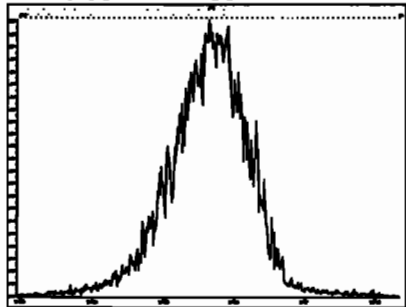
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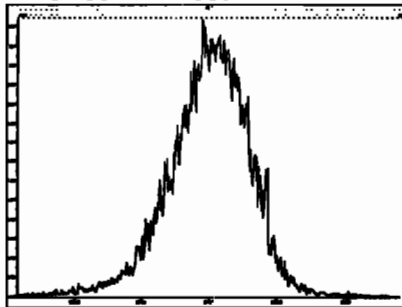
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M 268.9824 R 11361

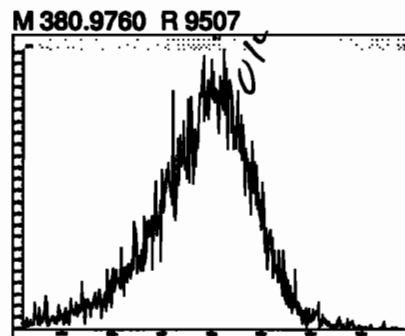
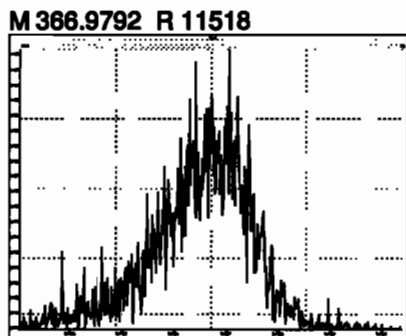
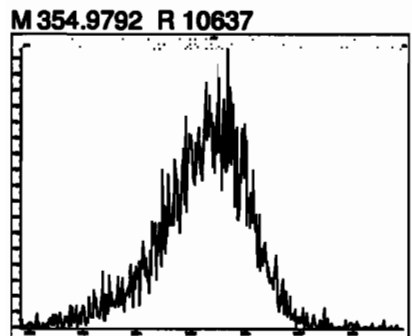
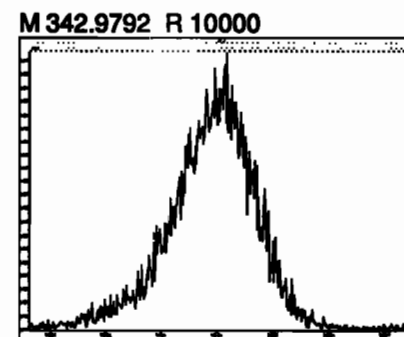
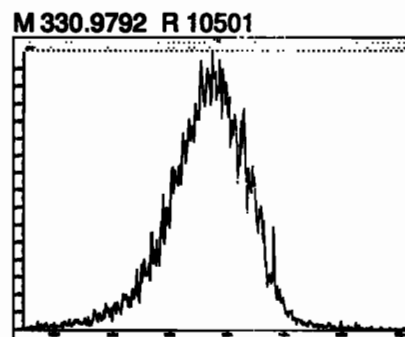
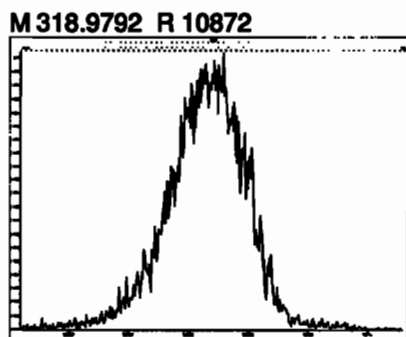
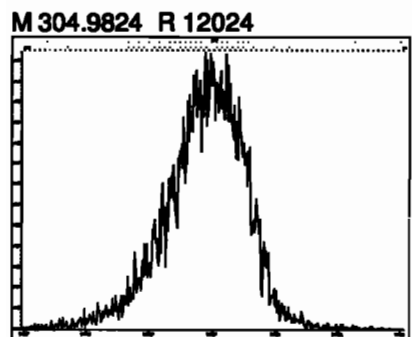
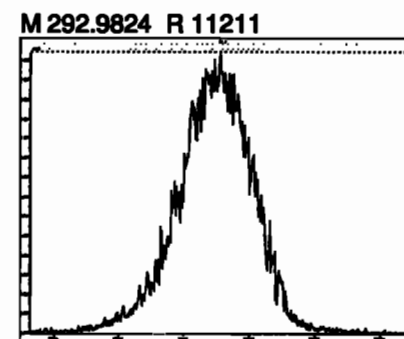
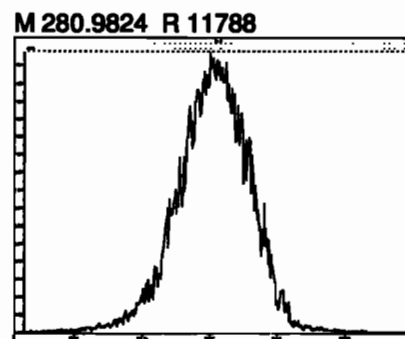
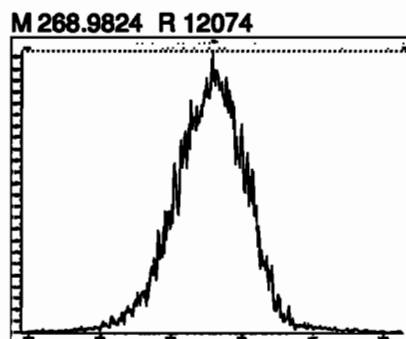
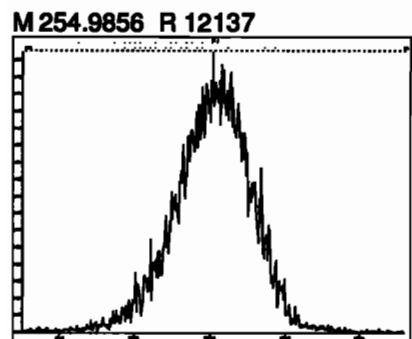


M 280.9824 R 10634



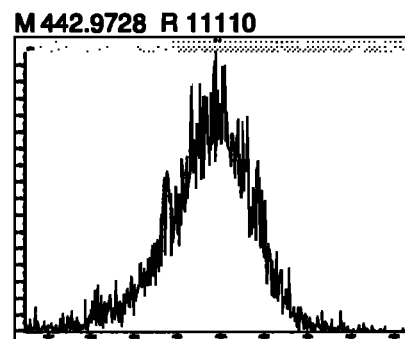
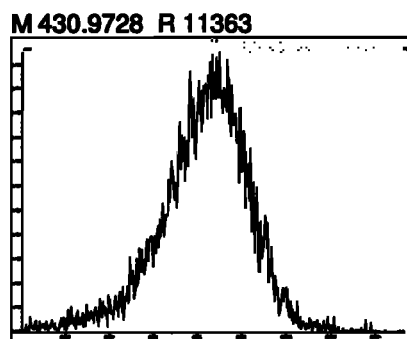
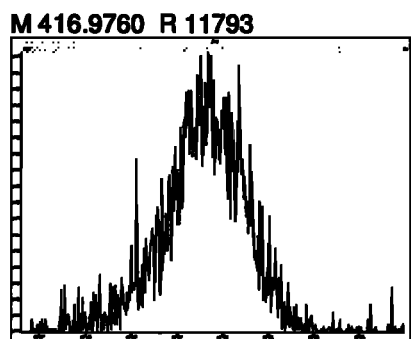
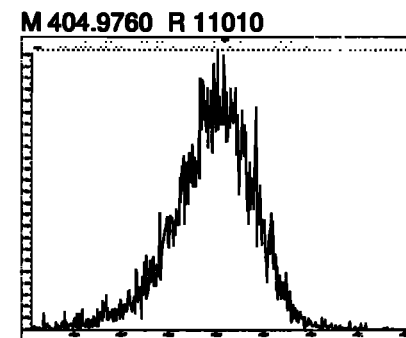
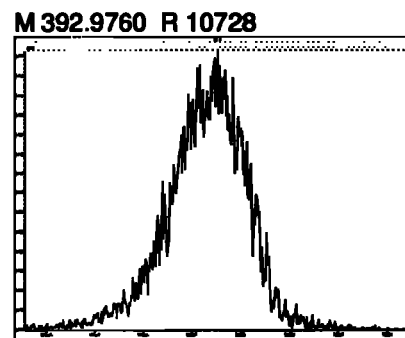
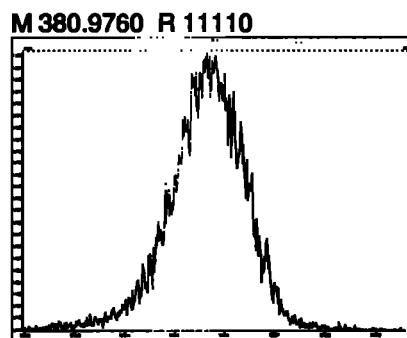
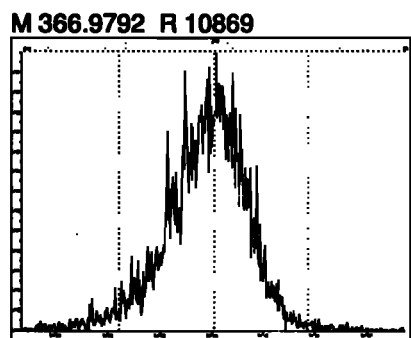
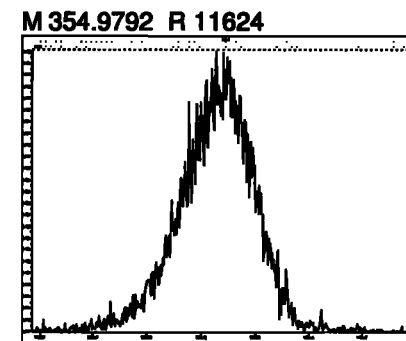
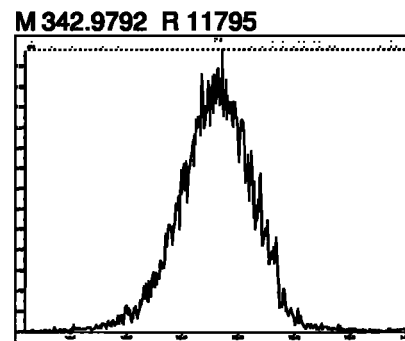
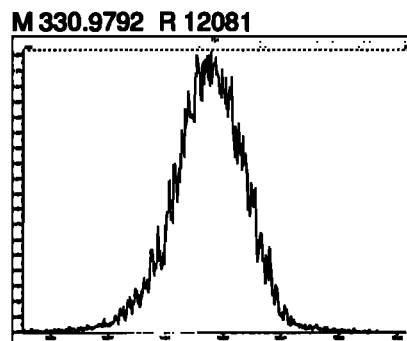
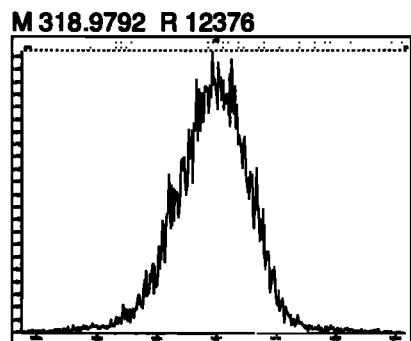
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Printed: Monday, June 01, 2020 12:06:35 Pacific Daylight Time



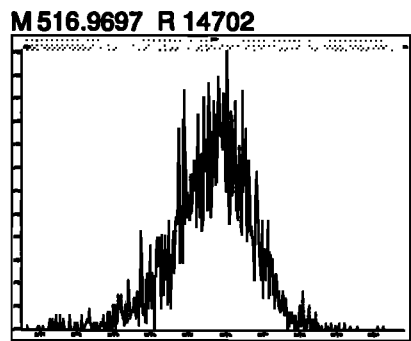
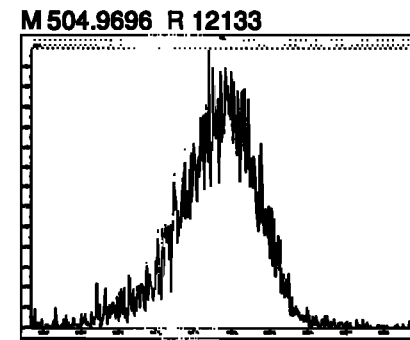
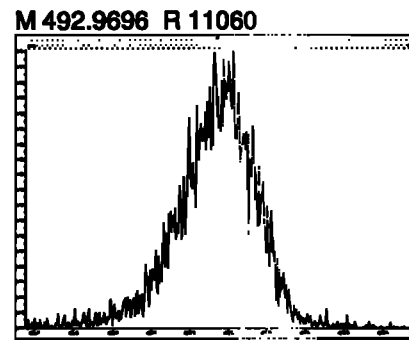
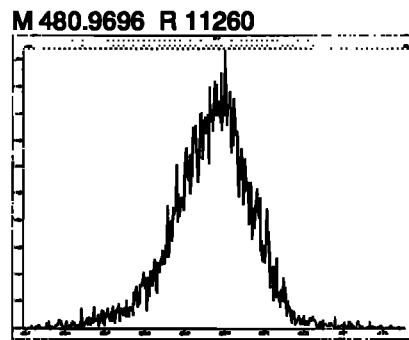
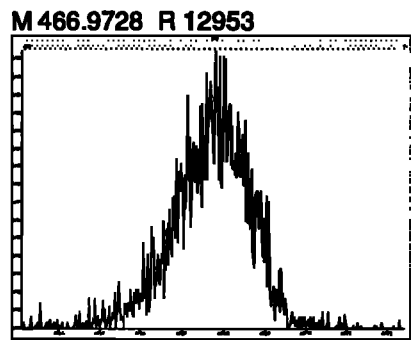
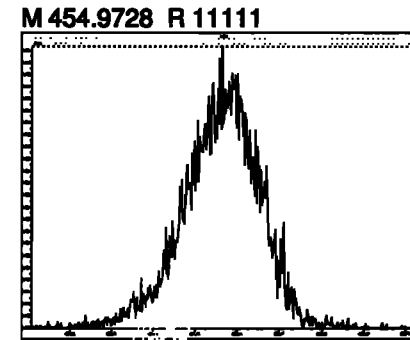
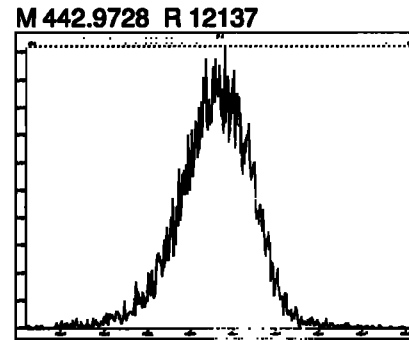
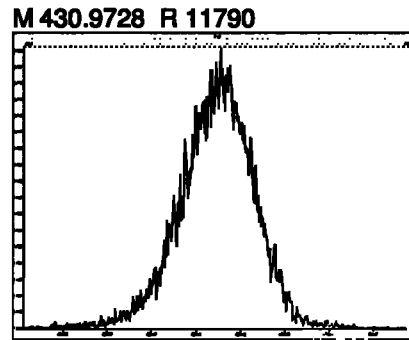
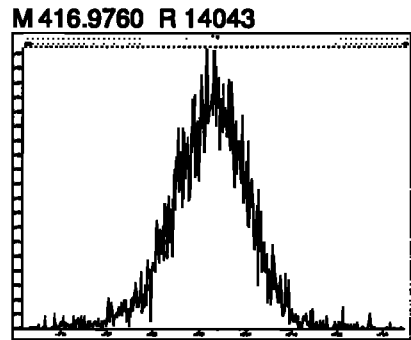
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Printed: Monday, June 01, 2020 12:12:00 Pacific Daylight Time



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

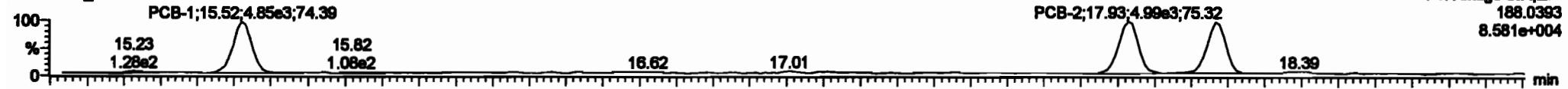
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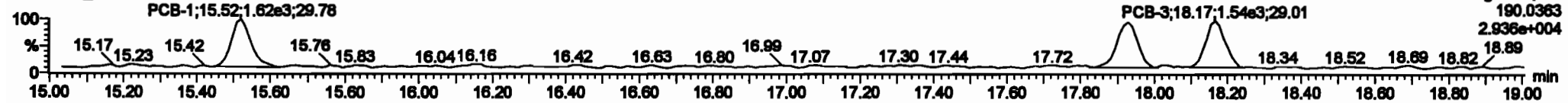
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PCB-1

200601K1_1

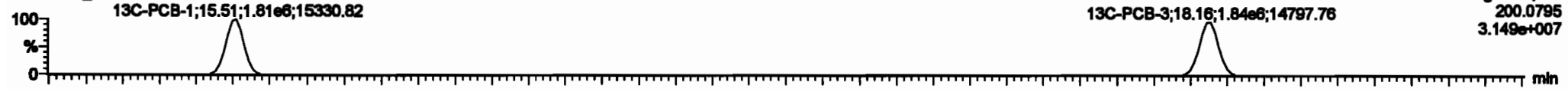


200601K1_1

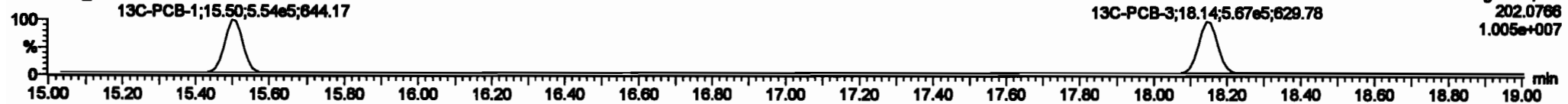


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200601K1_1

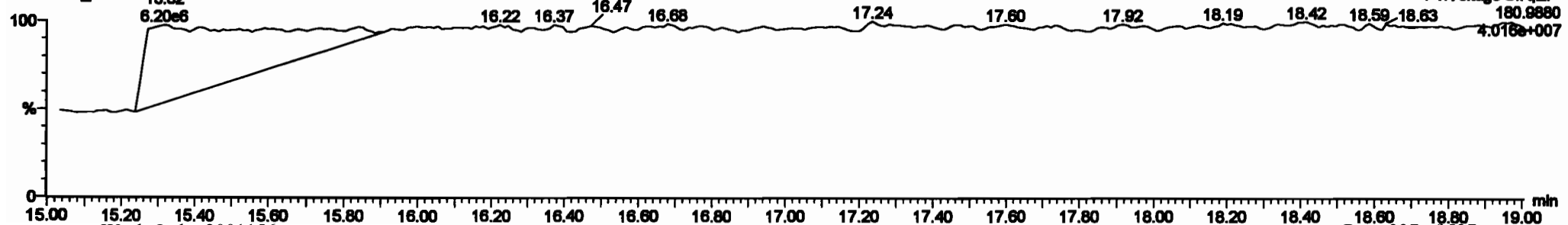


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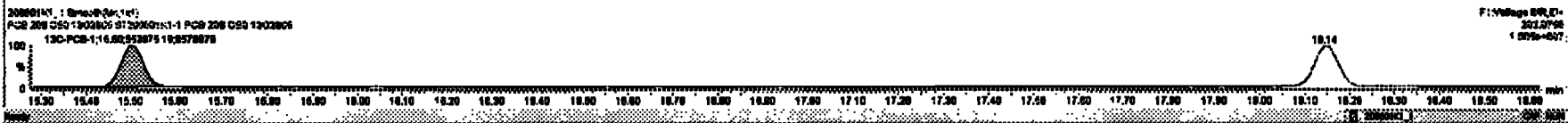
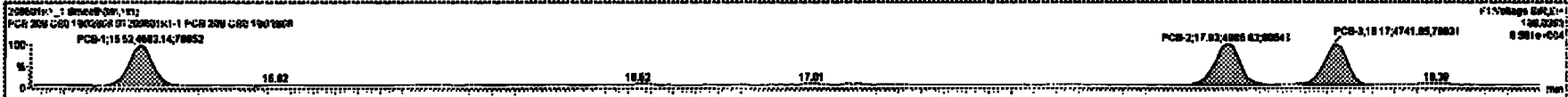
PFK1

200601K1_1



ID	Comp	Req	Act	Unit	Lot	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	
216	13C-PCB-45	1.00e6	0.70	NO	1.0000	1.000	30.00	30.00	1.000	0.000	NO	100.0	100	0.0000								
216	13C-PCB-411	1.00e6	1.02	NO	1.0000	1.000	30.25	30.25	1.000	0.000	NO	100.0	100	0.0016								
217	13C-PCB-439	0.47e6	1.28	NO	1.0000	1.000	48.00	48.00	1.000	0.000	NO	100.0	100	0.0084								
218	13C-PCB-482	0.00e6	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0010								
219	13C-PCB-205	0.00e6	0.80	NO	1.0000	1.000	64.00	64.00	1.000	0.000	NO	100.0	100	0.148								
220	13C-PCB-70	1.00e6	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	102.0	102	0.0087								
221	13C-PCB-176	0.00e6	0.48	NO	0.7000	1.000	48.00	48.00	0.000	0.000	NO	101.0	101	0.0030								
222	13C-PCB-70	1.00e6	0.70	NO	1.0021	1.000	37.70	37.70	0.000	0.000	NO	102.0	102	0.0080								
223	13C-PCB-176	0.00e6	0.48	NO	1.0000	1.000	48.00	48.00	0.000	0.000	NO	101.0	101	0.0062								
224	13C-PCB-176	0.00e6	0.48	NO	1.0000	1.000	48.00	48.00	0.000	0.000	NO	101.0	101	0.0062								
225	Total PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	2.076	2.076									
226	Total Function PCBs				1.0007	1.000	0.00	0.00	0.000	0.000	NO	1.000	1.000									

PCB ID	PCB No	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	PCB Qty	
1	PCB-1	15.52	15.52	4.80e5	1.57e5	0.100	0.00	NO	0.25000	0.25000												
2	PCB-2	17.20	17.20	4.80e5	1.57e5	0.100	0.10	NO	0.26100	0.26097												
3	PCB-3	18.17	18.17	4.74e5	1.62e5	0.100	0.00	NO	0.26700	0.26686												

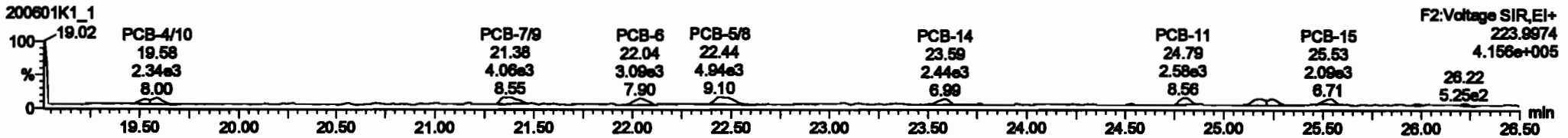
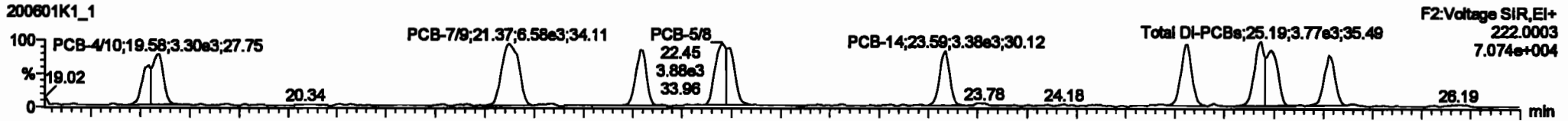


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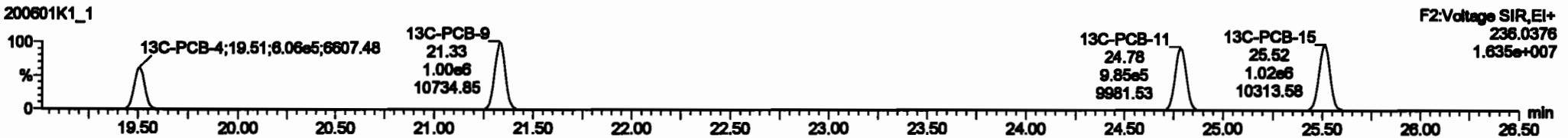
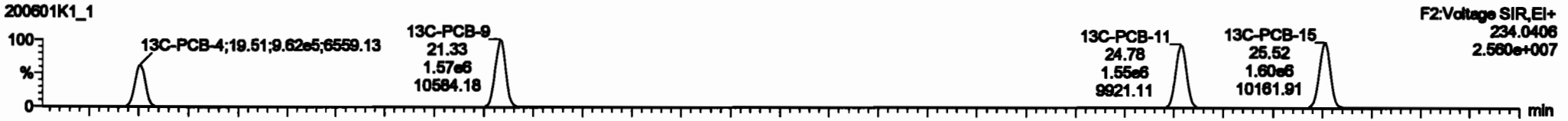
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Name: 200601K1_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

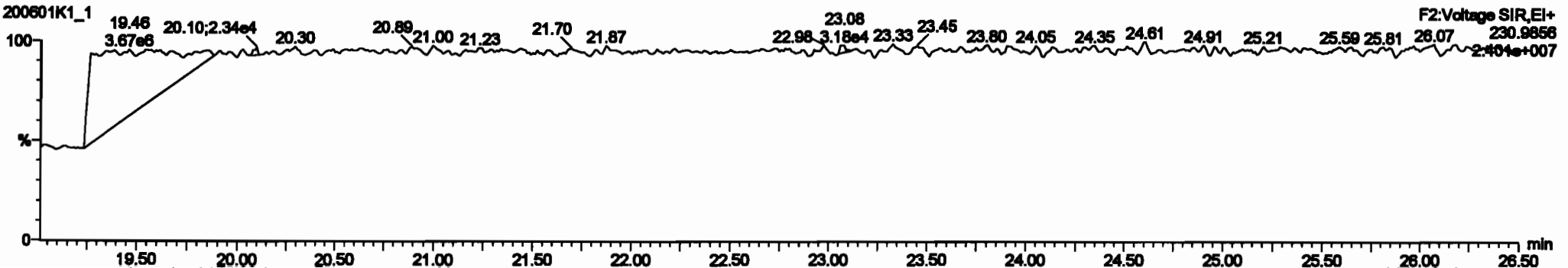
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13C-PCB-4

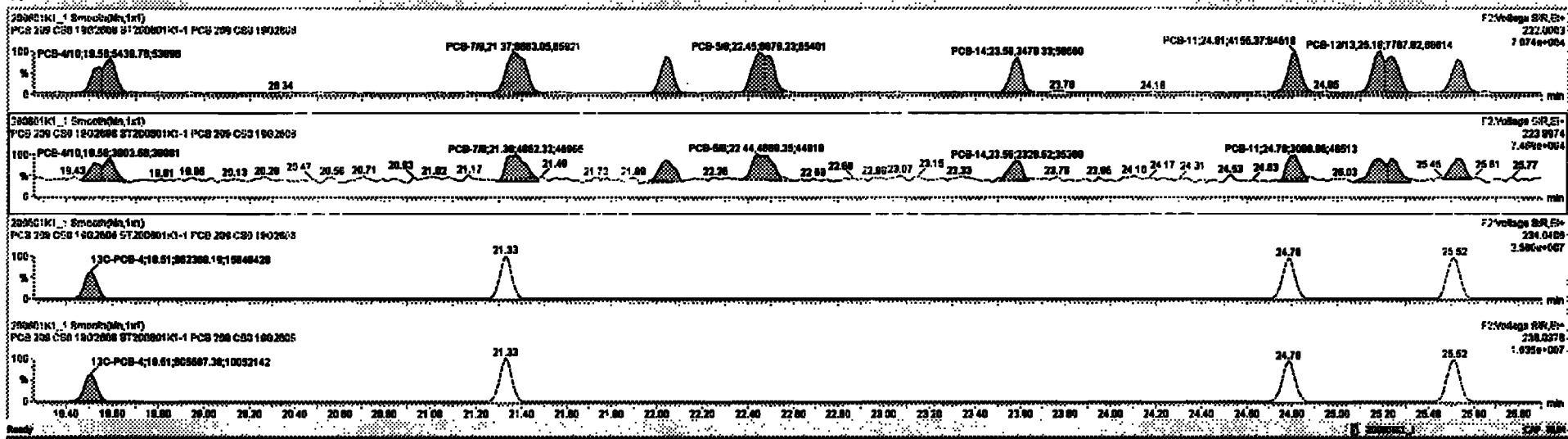


PFK2a



#	Peak	RT	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height	
216	13C-PCB-88	1.82e6	0.78	NO	1.0000	1.000	38.88	38.88	1.000	0.000	NO	180.0	100	0.0000														
216	13C-PCB-111	1.82e6	1.82	NO	1.0000	1.000	38.25	38.25	1.000	0.000	NO	180.0	100	0.0015														
217	13C-PCB-128	8.47e6	1.28	NO	1.0000	1.000	48.80	48.80	1.000	0.000	NO	100.0	100	0.0084														
218	13C-PCB-162	8.88e6	0.48	NO	1.0000	1.000	48.43	48.43	0.000	0.000	NO	100.0	100	0.0018														
219	13C-PCB-206	8.88e6	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.140														
220	13C-PCB-78	1.82e6	0.78	NO	1.0000	1.000	37.78	37.78	1.000	1.000	NO	102.2	102	0.0087														
221	13C-PCB-178	8.88e6	0.48	NO	0.7886	1.000	46.88	46.87	0.888	0.888	NO	101.6	101	0.0028														
222	13C-PCB-78	1.82e6	0.78	NO	1.0021	1.000	37.78	37.78	0.988	0.988	NO	102.6	102	0.0088														
223	13C-PCB-178	8.88e6	0.48	NO	1.0000	1.000	46.87	46.87	0.823	0.823	NO	101.8	102	0.0082														
224	Total Micro-PCBs				1.5885	1.000	0.00	0.00		0.000	NO	0.8932		0.0048														
225	Total PCBs				1.5887	1.000	0.00	0.00		0.000	NO	1.838		0.404														

#	Peak	RT	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height	Area	%	Height	Width	Height
4	PCB-478	19.88	19.88	5.41e3	1.80e3		1.800	1.28	NO	0.47700	0.47744																
5	PCB-78	21.28	21.27	8.88e3	4.88e3		1.800	1.37	NO	0.48700	0.48882																
6	PCB-9	22.08	22.04	3.78e3	2.78e3		1.800	1.28	NO	0.24880	0.24882																
7	PCB-58	22.44	22.45	8.88e3	4.88e3		1.800	1.47	NO	0.48200	0.48247																
8	PCB-14	23.88	23.88	3.47e3	2.32e3		1.800	1.48	NO	0.22880	0.22843																
9	PCB-11	24.80	24.81	4.18e3	3.08e3		1.800	1.34	NO	0.28400	0.28438																
10	PCB-128	26.28	26.18	7.78e3	6.78e3		1.800	1.38	NO	0.81880	0.81880																
11	PCB-15	26.64	26.63	3.82e3	2.81e3		1.800	1.48	NO	0.23100	0.23088																

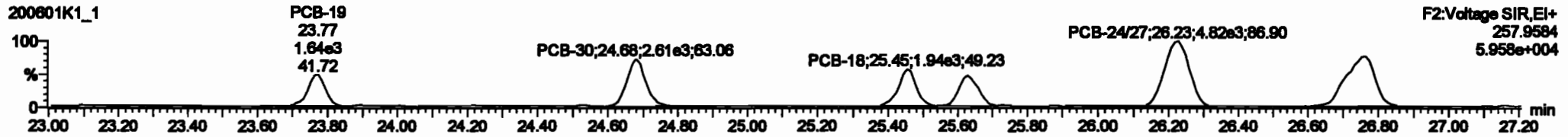
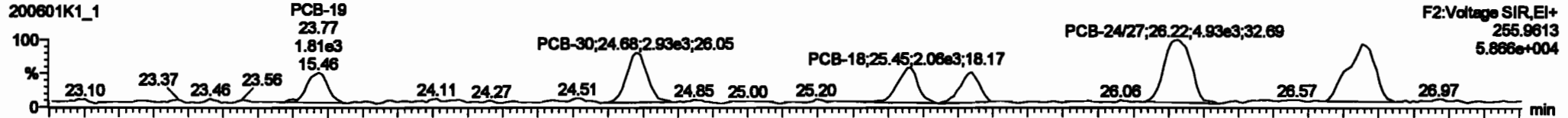


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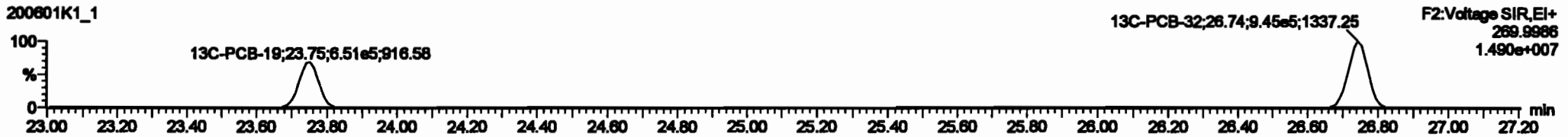
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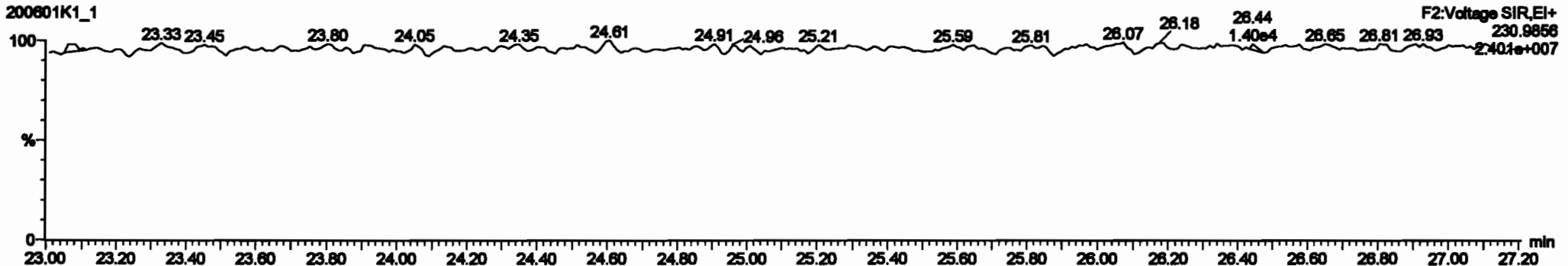
PCB-19



13C-PCB-19

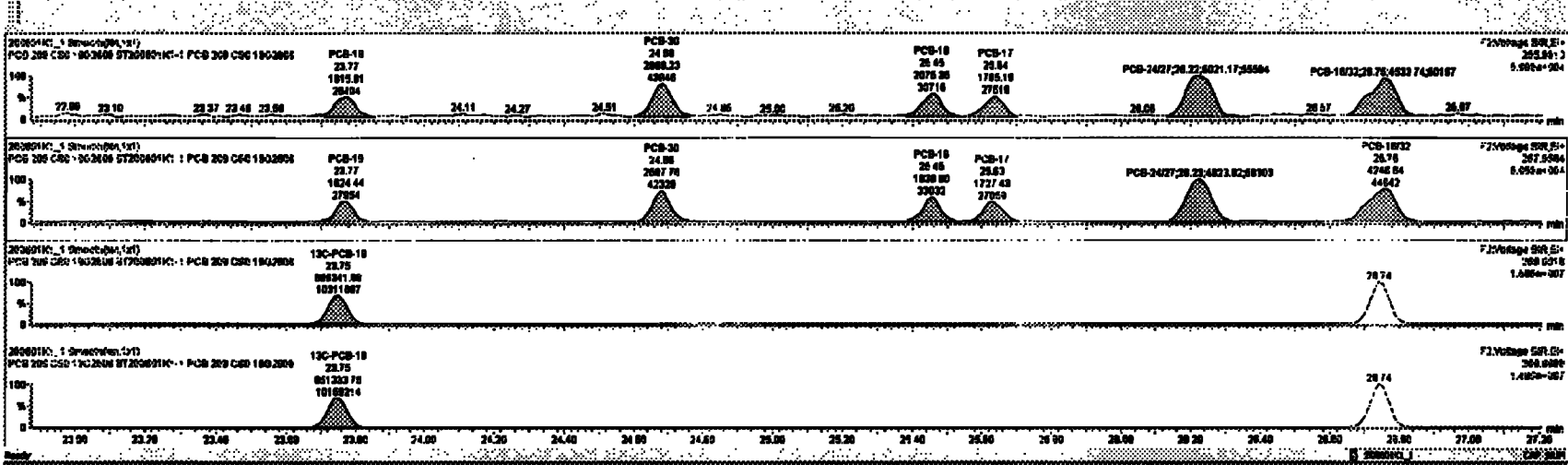


PFK2b



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

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

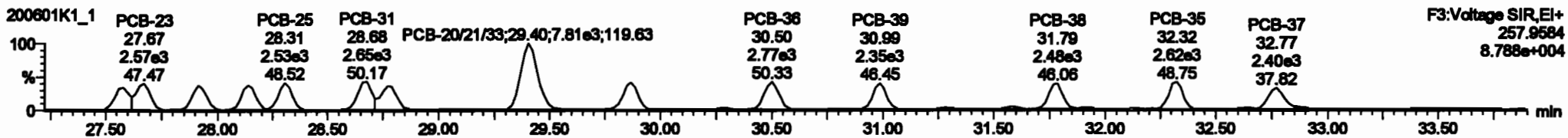
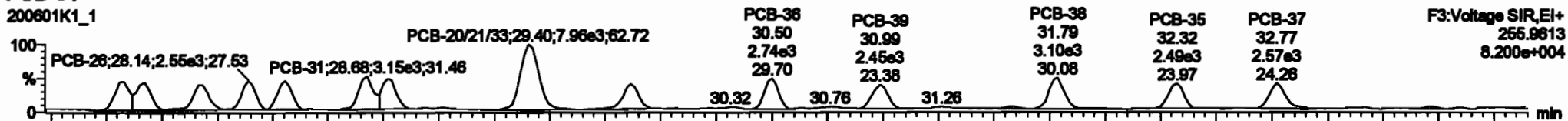


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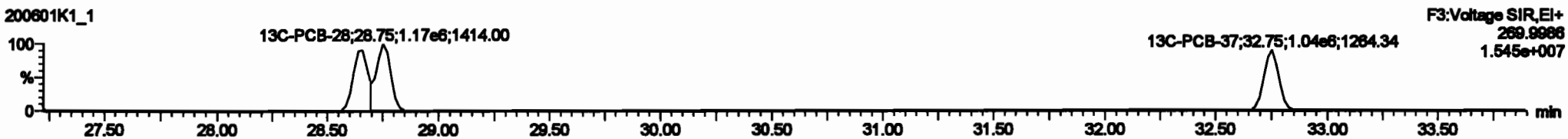
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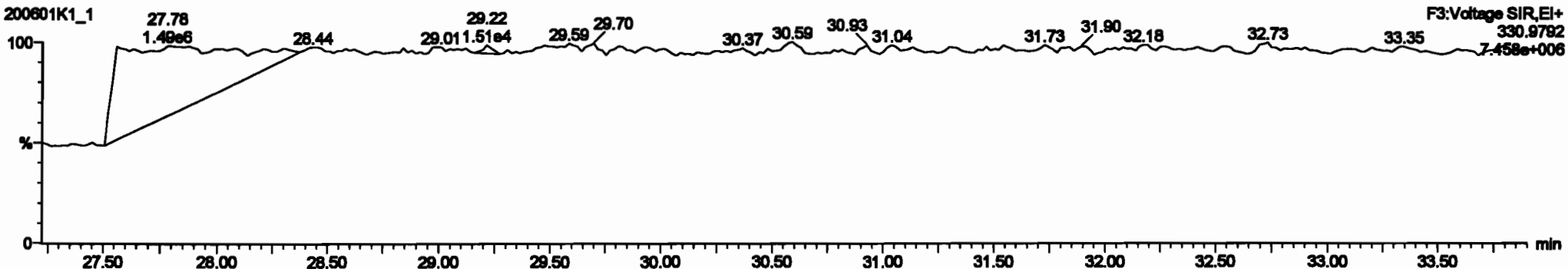
PCB-34



13C-PCB-28

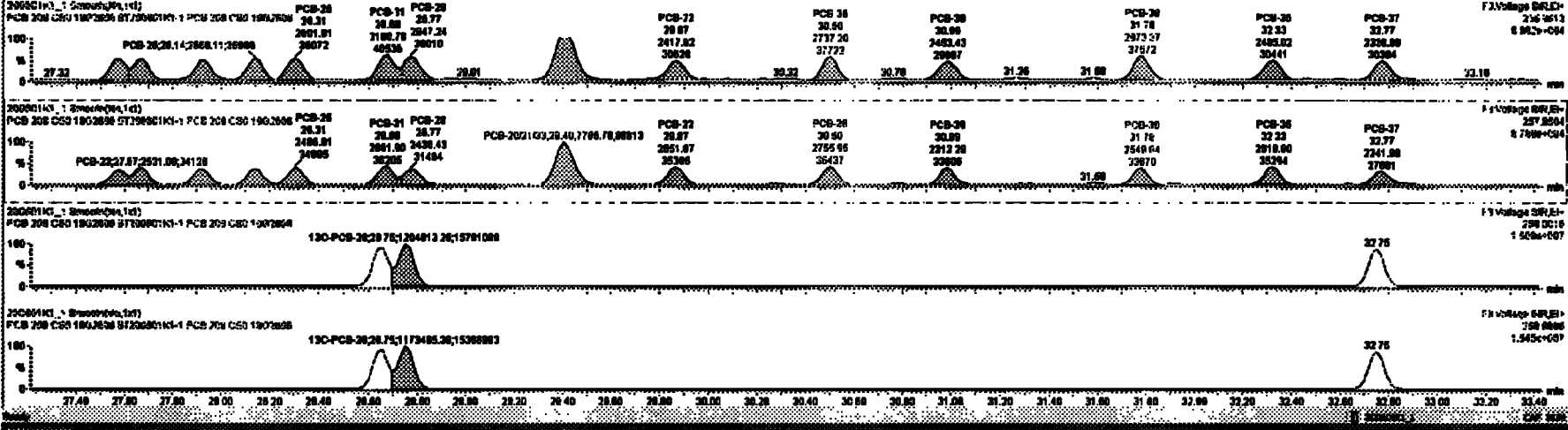


PFK3d



Item	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	NET	TAX	TOTAL
228 Total Total-PCBs			1.0770	1.000	0.00	0.000	NO	0.017	0.267	0.917
229 2nd Function Parts-PCBs			1.2157	1.000	0.00	0.000	NO	0.000	0.310	0.000
230 4th Function Parts-PCBs			1.0725	1.000	0.00	0.000	NO	1.140	0.000	1.140
231 2nd Function Hous-PCBs			0.0000	1.000	0.00	0.000	NO	3.400	0.100	3.400
232 4th Function Hous-PCBs			1.0010	1.000	0.00	0.000	NO	0.001	0.100	0.001
233 Total Hous-PCBs			1.0010	1.000	0.00	0.000	NO	0.000	0.220	0.000
234 4th Function Oute-PCBs			1.0000	1.000	0.00	0.000	NO	2.100	0.0714	2.100
235 6th Function Oute-PCBs			1.1400	1.000	0.00	0.000	NO	0.7210	0.0207	0.7210
236 Total Hous-PCBs			0.0000	1.000	0.00	0.000	NO	0.7101	0.0000	0.7100
237 Total PCBs			0.0004	1.000	0.00	0.000	NO	0.2200	0.0000	0.2200
238 Total PCBs										

Item	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	NET	TAX	TOTAL
18 PCB-24	27.88	27.88	2.0200	2.2000	1.000	1.14	NO	0.2100	0.2100	
19 PCB-29	27.88	27.87	2.0140	2.0140	1.000	1.00	NO	0.2000	0.2000	
20 PCB-28	27.81	27.81	2.0000	2.0000	1.000	1.11	NO	0.2000	0.2000	
21 PCB-28	28.14	28.14	2.0000	2.4300	1.000	1.00	NO	0.2000	0.2000	
22 PCB-28	28.20	28.20	2.0000	2.4000	1.000	1.13	NO	0.2000	0.2000	
23 PCB-31	28.00	28.00	2.0000	2.0000	1.000	1.10	NO	0.2000	0.2000	
24 PCB-28	28.77	28.77	2.0000	2.0000	1.000	1.17	NO	0.2100	0.2100	
25 PCB-28/28	28.41	28.41	2.0000	2.0000	1.000	1.00	NO	0.0000	0.0000	
26 PCB-29	28.00	28.00	2.0000	2.0000	1.000	0.01	NO	0.2100	0.2100	

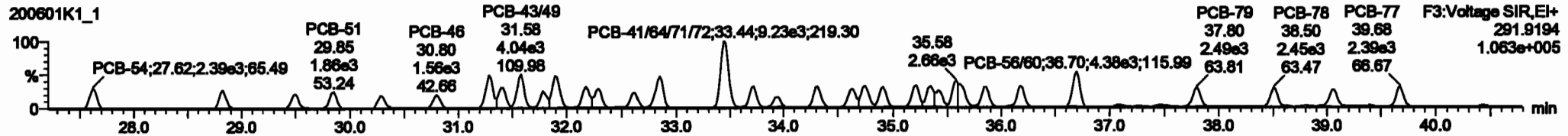
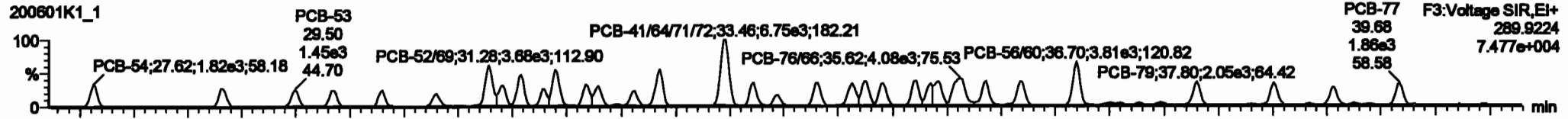


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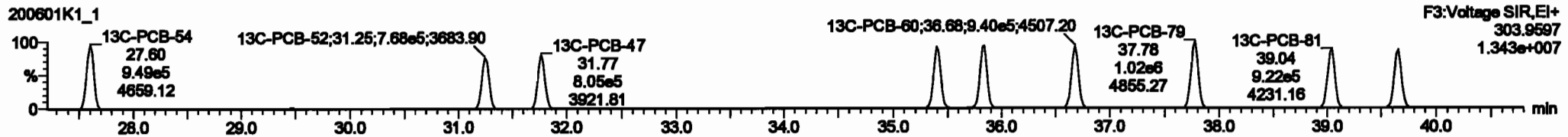
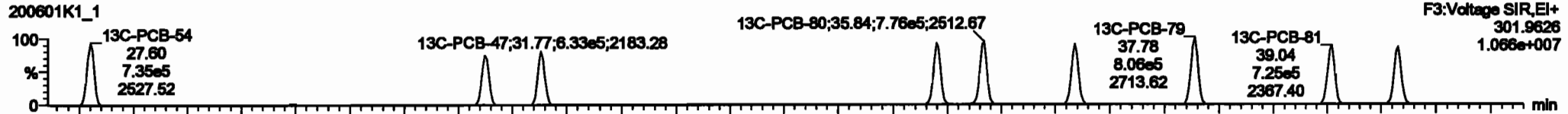
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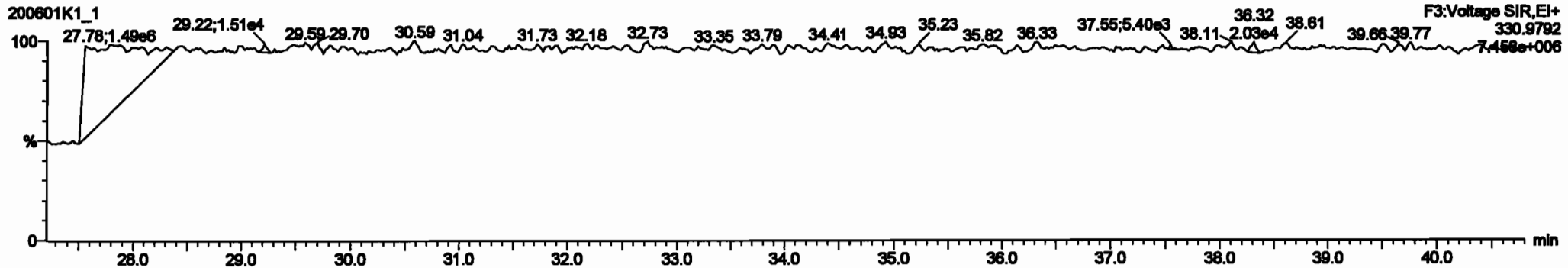
PCB-54



13C-PCB-54



PFK3a



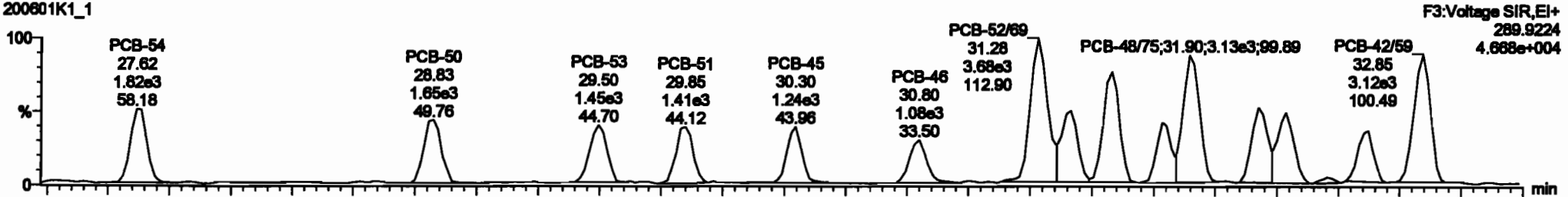
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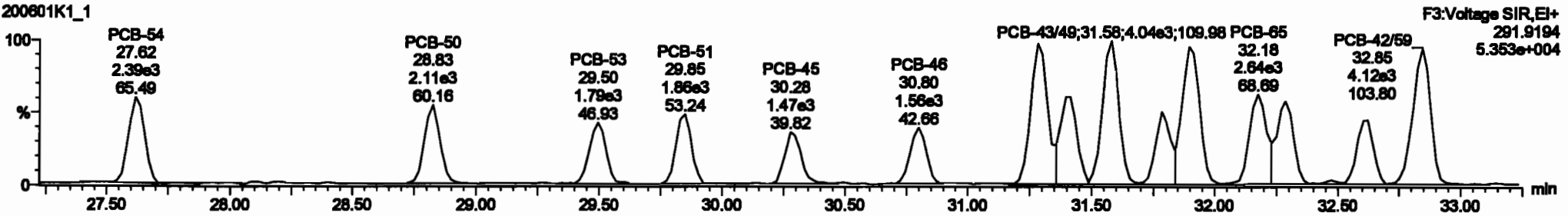
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PCB-50

200601K1_1

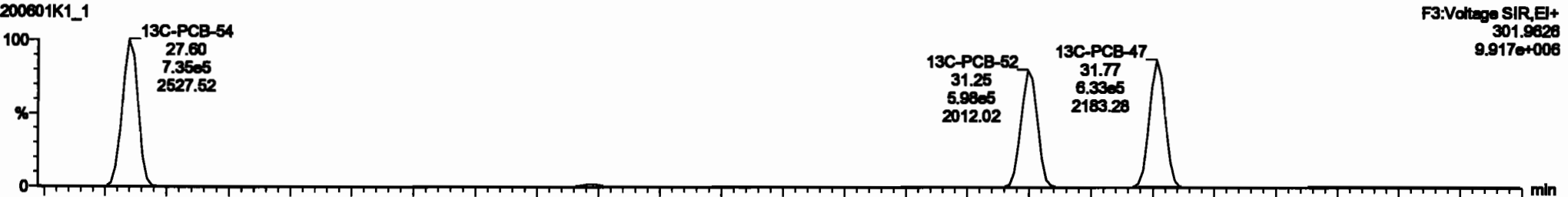


200601K1_1

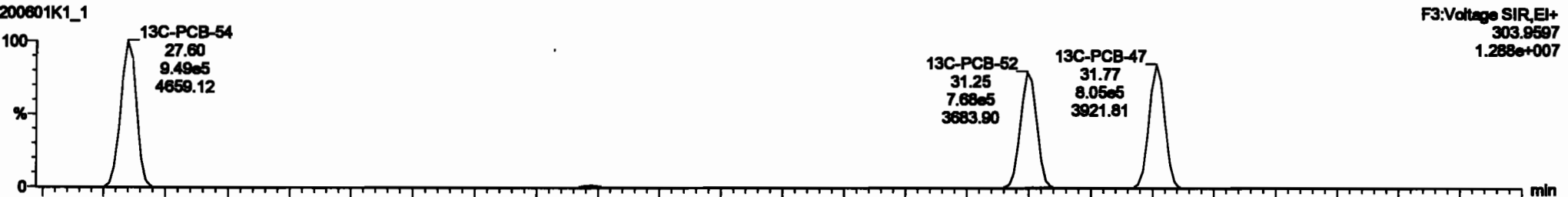


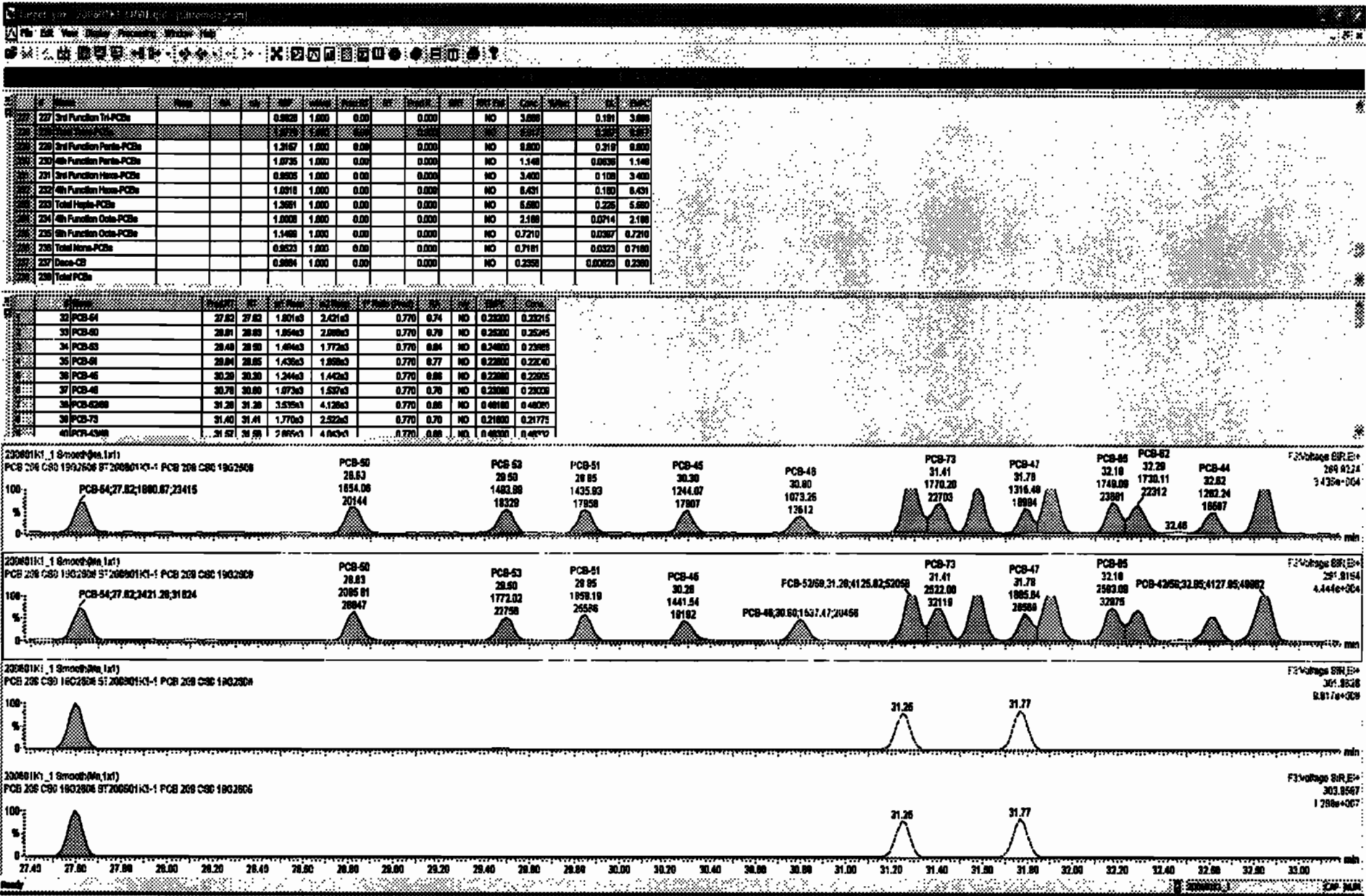
13C-PCB-52

200601K1_1



200601K1_1



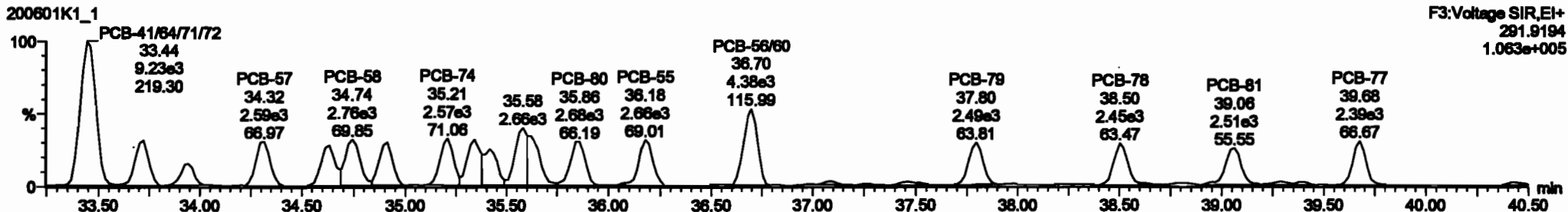
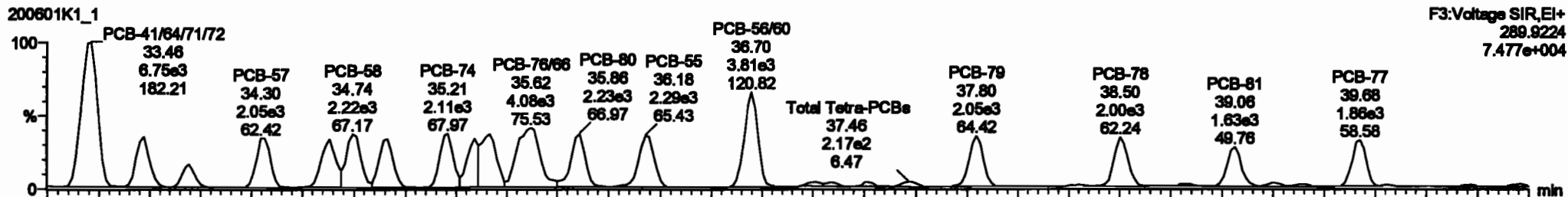


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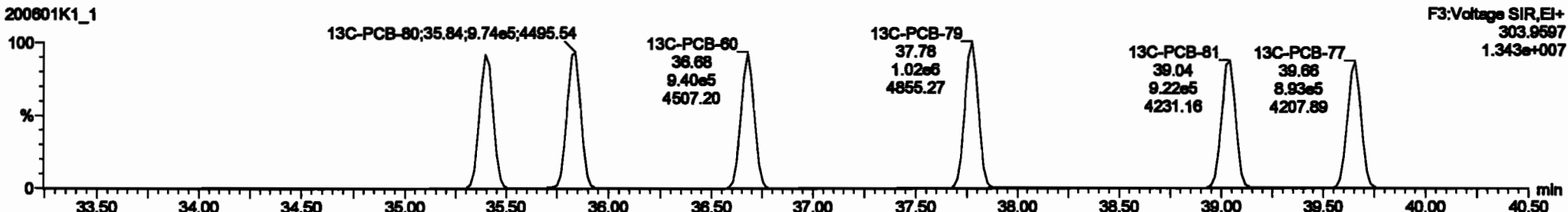
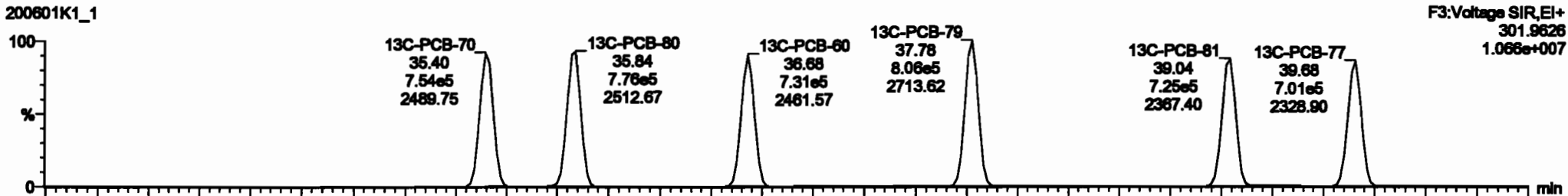
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Name: 200601K1_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

PCB-68

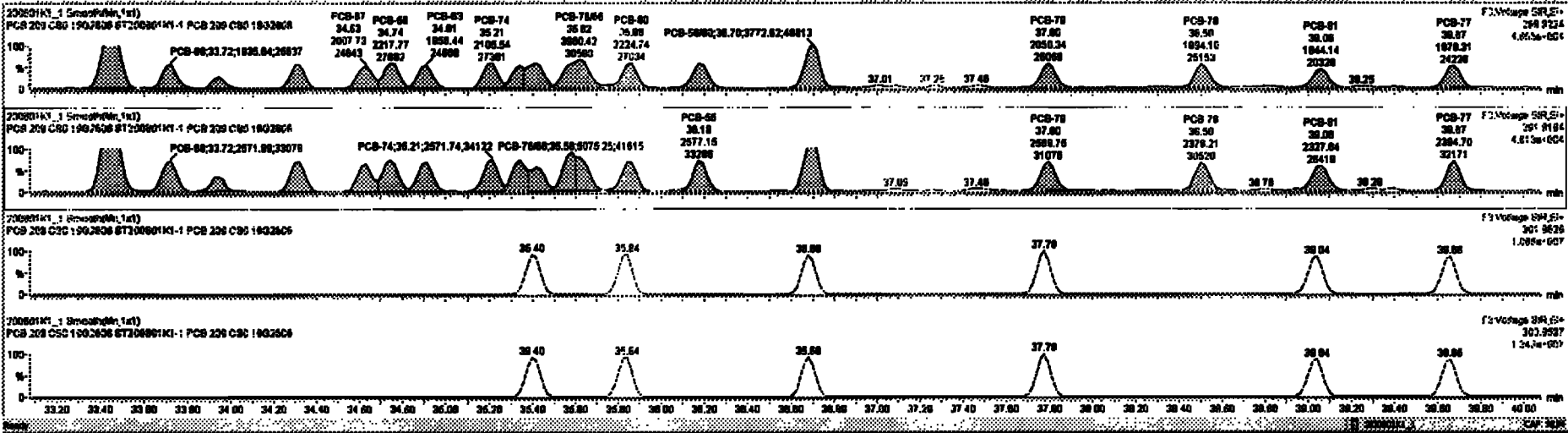


13C-PCB-60



ID	Material	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM
227	2nd Function 1M-PCBs			0.0000	1.000	0.00		0.0000	NO	3.000		0.181	1.000						
228	2nd Function Parts-PCBs			1.2167	1.000	0.00		0.0000	NO	0.000		0.213	0.000						
229	4th Function Parts-PCBs			1.0726	1.000	0.00		0.0000	NO	1.540		0.000	1.140						
230	2nd Function Hous-PCBs			0.0000	1.000	0.00		0.0000	NO	3.400		0.100	3.400						
231	4th Function Hous-PCBs			1.0310	1.000	0.00		0.0000	NO	0.421		0.100	0.421						
232	Total Hous-PCBs			1.2081	1.000	0.00		0.0000	NO	0.000		0.220	0.000						
233	4th Function Opts-PCBs			1.0000	1.000	0.00		0.0000	NO	2.900		0.074	2.100						
234	2nd Function Opts-PCBs			1.1400	1.000	0.00		0.0000	NO	0.720		0.007	0.720						
235	Total Hous-PCBs			0.0000	1.000	0.00		0.0000	NO	0.710		0.022	0.710						
237	Dress-CD			0.0004	1.000	0.00		0.0000	NO	0.200		0.002	0.200						
238	Total PCBs																		

ID	Material	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM	QTY	UOM
32	PCB-04	29.02	29.02	1.0000	2.4210	0.770	0.24	NO	0.2320	0.23210									
33	PCB-05	20.01	20.03	1.0000	2.0000	0.770	0.29	NO	0.2020	0.20240									
34	PCB-06	20.00	20.00	1.0000	1.7700	0.770	0.04	NO	0.2400	0.23880									
35	PCB-07	20.04	20.00	1.0000	1.0000	0.770	0.27	NO	0.2200	0.22040									
36	PCB-08	30.20	30.20	1.2400	1.4400	0.770	0.00	NO	0.2200	0.22000									
37	PCB-09	30.70	30.00	1.0700	1.0000	0.770	0.20	NO	0.2300	0.23000									
38	PCB-0300	31.20	31.20	3.0000	4.1200	0.770	0.00	NO	0.0000	0.00000									
39	PCB-70	31.00	31.41	1.7700	2.0000	0.770	0.20	NO	0.2100	0.21770									
40	PCB-4000	31.07	31.00	2.0000	4.0000	0.770	0.00	NO	0.0000	0.00000									

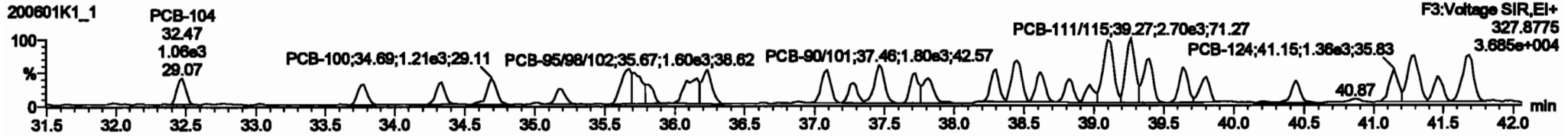
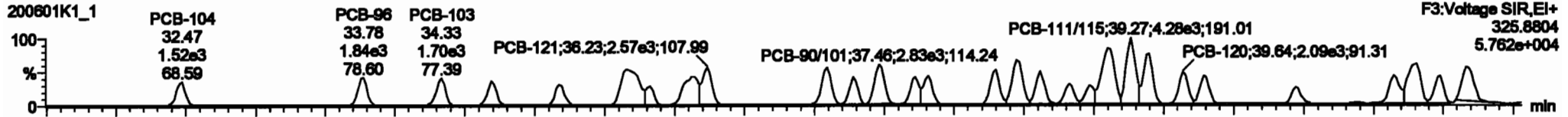


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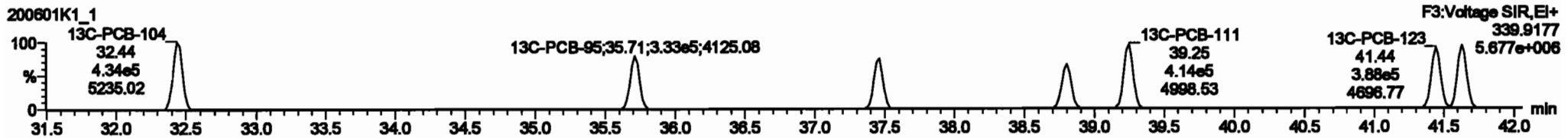
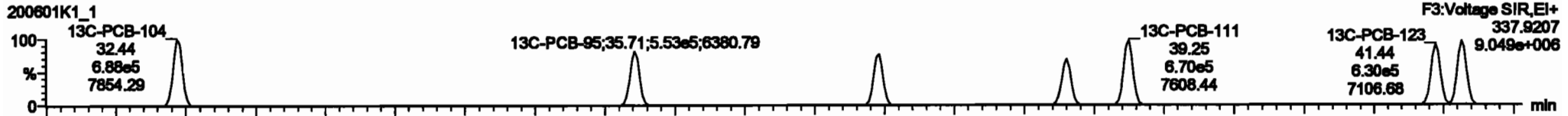
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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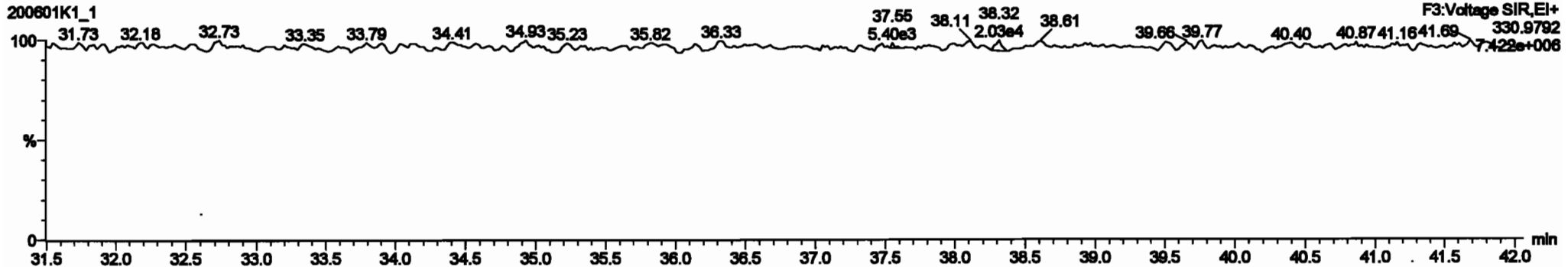
PCB-104



13C-PCB-104



PFK3b



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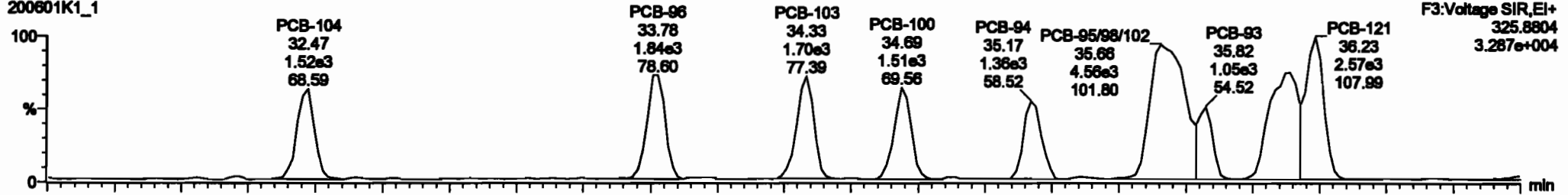
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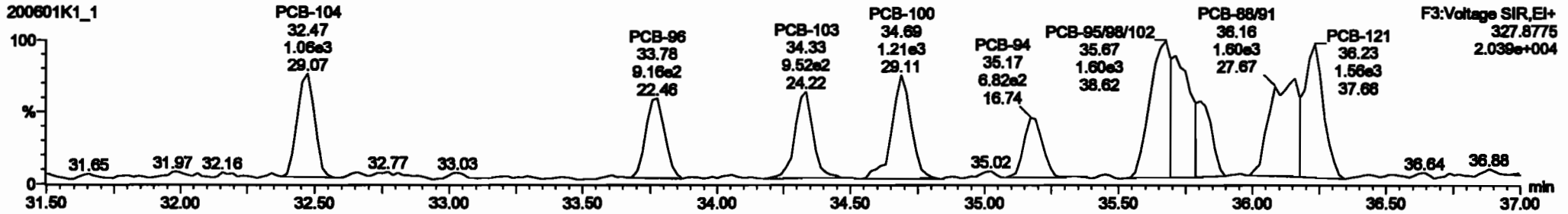
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PCB-96

200601K1_1

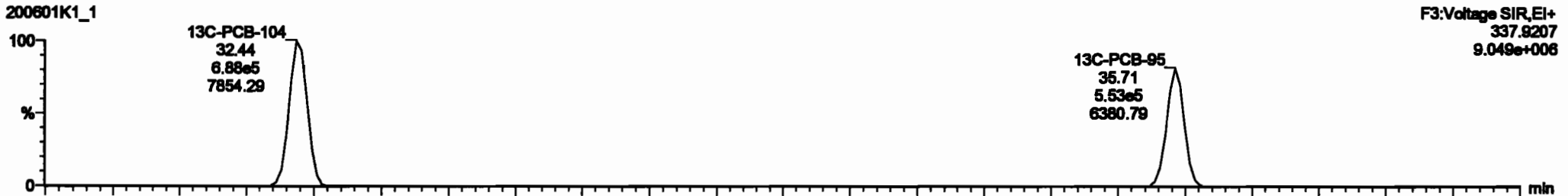


200601K1_1

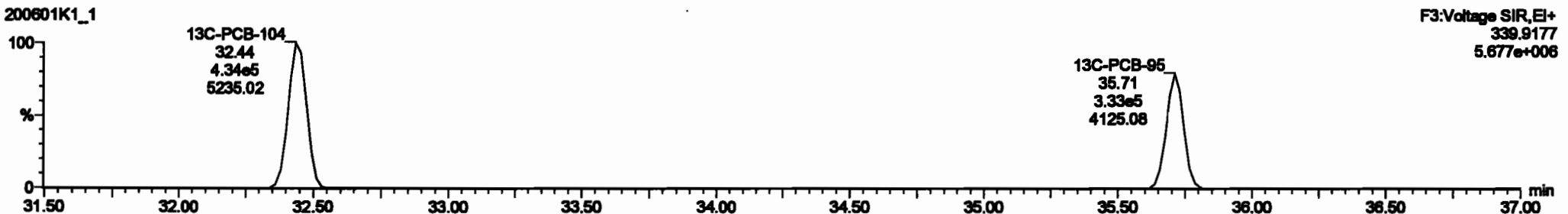


13C-PCB-95

200601K1_1

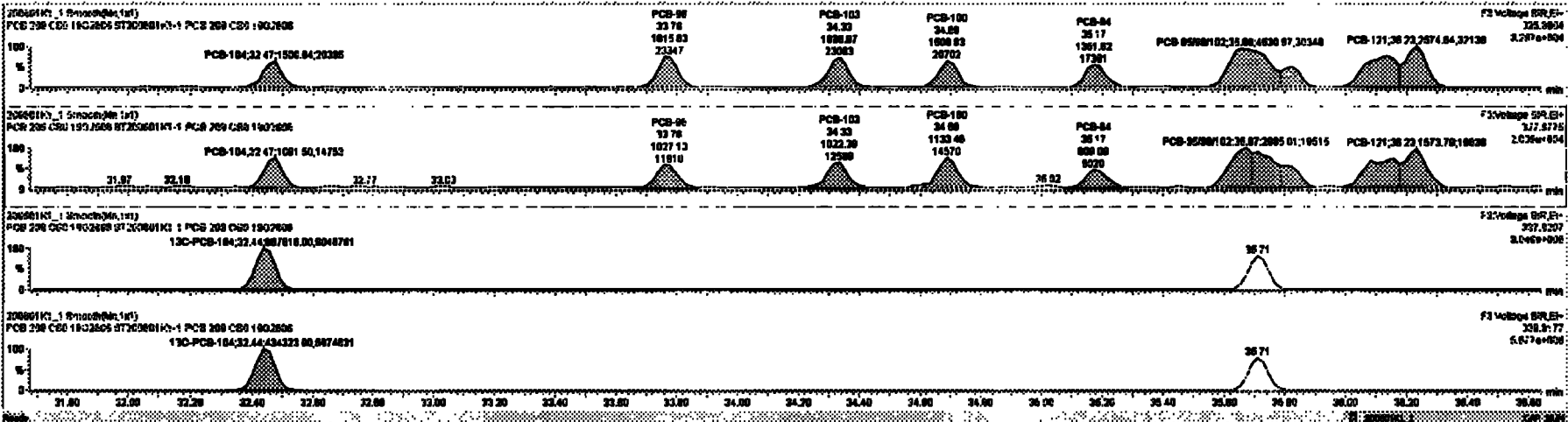


200601K1_1



Item	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	Mass	Area	Conc	Unit	
227 2nd Function TAPCbs					0.8928	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	8.917	0.287	8.917
229 3rd Function Para-PCBs					1.0726	1.000	0.00		0.000	NO	1.148	0.038	1.148
230 2nd Function Meta-PCBs					0.8928	1.000	0.00		0.000	NO	3.680	0.108	3.680
231 4th Function Meta-PCBs					1.0318	1.000	0.00		0.000	NO	6.421	0.180	6.421
232 Total Meta-PCBs					1.3891	1.000	0.00		0.000	NO	6.680	0.225	6.680
233 4th Function Ocho-PCBs					1.0000	1.000	0.00		0.000	NO	2.188	0.074	2.188
234 5th Function Ocho-PCBs					1.1480	1.000	0.00		0.000	NO	0.7210	0.087	0.7210
235 Total Ocho-PCBs					0.8928	1.000	0.00		0.000	NO	0.2181	0.003	0.2181
236 Dioxin-Cb					0.8981	1.000	0.00		0.000	NO	0.2888	0.0082	0.2888
237 Total PCBs													

Item	Peak #	RT	Area	Conc	Unit	Mass	Area	Conc	Unit
04 PCB-104	32.48	32.47	1.891e3	1.001e3	1.888	1.37	NO	0.20800	0.28882
05 PCB-99	32.76	32.76	1.871e3	1.027e3	1.868	1.77	NO	0.22000	0.27657
06 PCB-103	34.30	34.30	1.894e3	1.022e3	1.888	1.88	NO	0.28800	0.28877
07 PCB-100	34.87	34.88	1.884e3	1.133e3	1.888	1.33	NO	0.24700	0.24676
08 PCB-84	35.18	35.17	1.382e3	8.091e2	1.388	1.87	NO	0.28700	0.28888
09 PCB-88/98/102	35.87	35.88	4.894e3	2.888e3	1.888	1.82	NO	0.70800	0.70414
10 PCB-85	35.76	35.82	1.048e3	7.388e2	1.088	1.42	NO	0.21800	0.21812
11 PCB-89/91	35.14	35.14	2.882e3	1.854e3	1.888	1.77	NO	0.48800	0.48482
12 PCB-121	35.30	35.30	2.874e3	1.874e3	1.888	1.84	NO	0.27800	0.27882



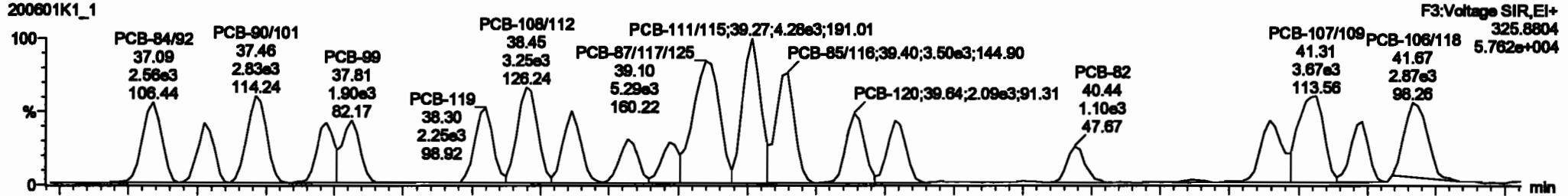
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

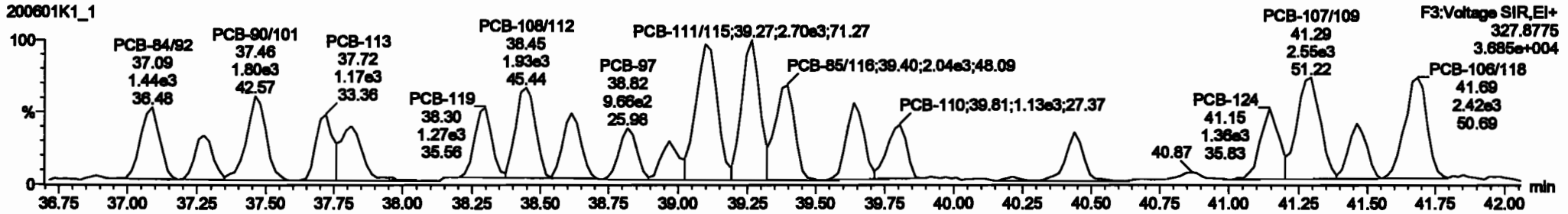
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PCB-119

200801K1_1

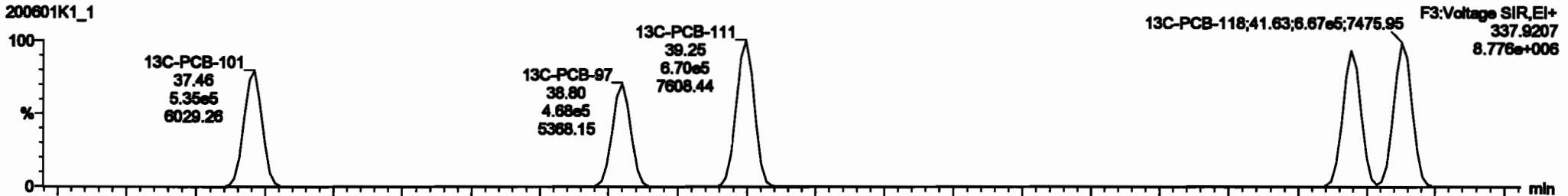


200801K1_1

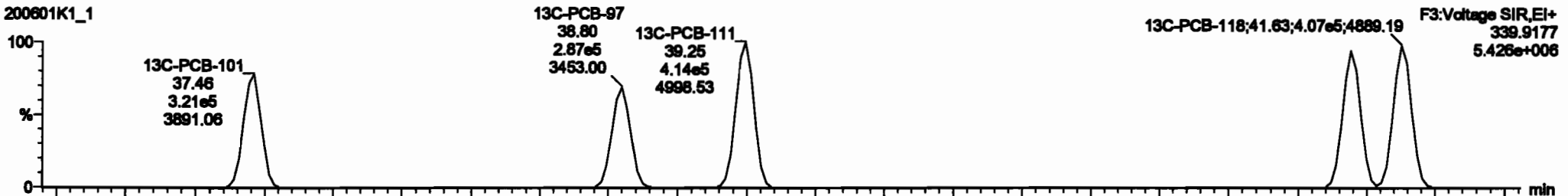


13C-PCB-111

200801K1_1

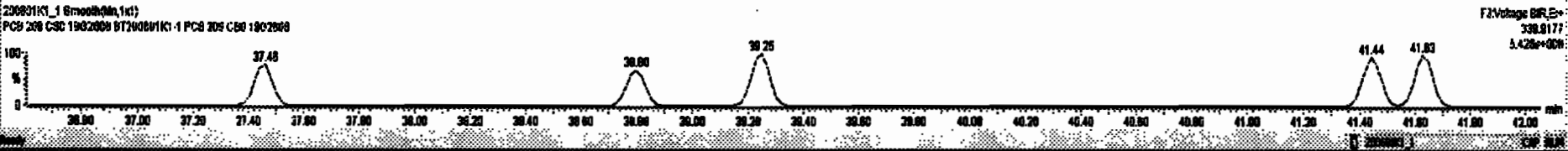
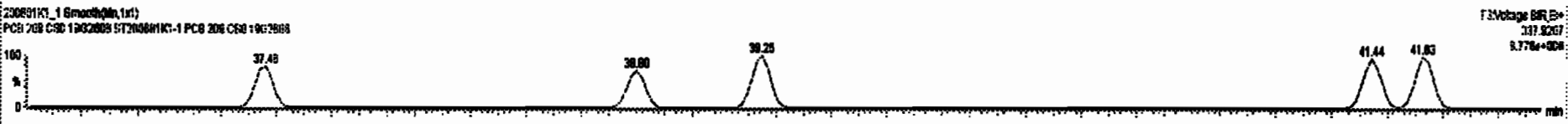
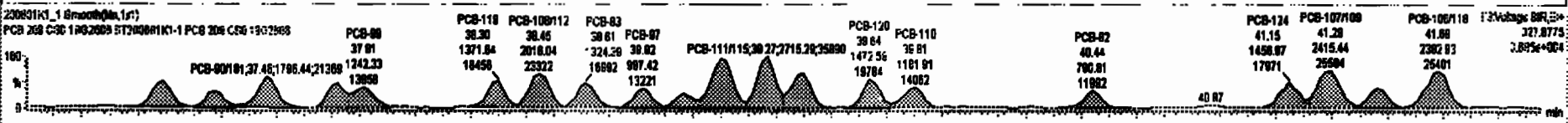
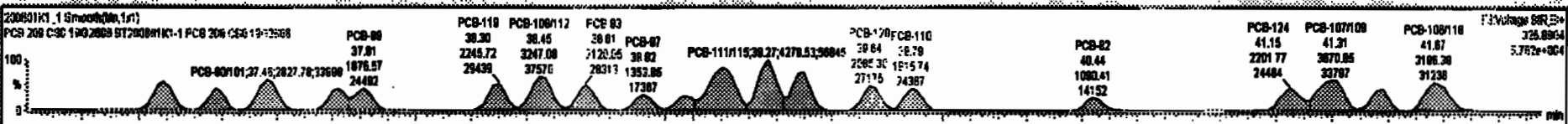


200801K1_1



#	Name	Mass	RA	RG	RM	Value	Passes	ST	Passes	ST	Passes	ST	Passes	ST	Passes	ST
227	2nd Function T4-PCBs					0.0028	1,000	0.00	0.0000	ND	3,000		0.191	3,000		
228	Total T4s-PCBs					1.0778	1,000	0.00	0.0000	ND	9,917		0.267	9,917		
229	3rd Function Para-PCBs					1.0735	1,000	0.00	0.0000	ND	3,000		0.263	3,000		
230	4th Function Para-PCBs					1.0735	1,000	0.00	0.0000	ND	1,140		0.0636	1,140		
231	2nd Function Haza-PCBs					0.0005	1,000	0.00	0.0000	ND	3,400		0.100	3,400		
232	4th Function Haza-PCBs					1.0010	1,000	0.00	0.0000	ND	8,431		0.180	8,431		
233	Total Haza-PCBs					1.0001	1,000	0.00	0.0000	ND	5,900		0.225	5,900		
234	4th Function Octa-PCBs					1.0008	1,000	0.00	0.0000	ND	2,100		0.0714	2,100		
235	6th Function Octa-PCBs					1.1400	1,000	0.00	0.0000	ND	0,720		0.0307	0,720		
236	Total Haza-PCBs					0.0023	1,000	0.00	0.0000	ND	0,710		0.0023	0,710		
237	Deca-CB					0.0004	1,000	0.00	0.0000	ND	0,200		0.0000	0,200		
238	Total PCBs															

#	Name	Peak 1	Peak 2	Peak 3	Peak 4	Peak 5	Peak 6	Peak 7	Peak 8	Peak 9	Peak 10	Peak 11	Peak 12	Peak 13	Peak 14	Peak 15	Peak 16	Peak 17	Peak 18	Peak 19	Peak 20	
84	PCB-104	32.48	32.47	1.580e3	1.091e3	1.580	1.37	ND	0.2000	0.2000												
85	PCB-88	33.78	33.78	1.046e3	1.022e3	1.580	1.37	ND	0.2300	0.2100												
86	PCB-103	34.30	34.33	1.007e3	1.022e3	1.580	1.85	ND	0.2500	0.2507												
87	PCB-100	34.67	34.69	1.507e3	1.133e3	1.580	1.33	ND	0.2470	0.24675												
88	PCB-84	35.18	35.17	1.352e3	0.801e3	1.580	1.07	ND	0.2570	0.2500												
89	PCB-8900102	35.67	35.66	4.531e3	2.905e3	1.580	1.52	ND	0.7040	0.70414												
70	PCB-80	36.78	36.82	1.048e3	7.300e2	1.580	1.42	ND	0.2160	0.21912												
71	PCB-8001	38.14	38.14	2.022e3	1.054e3	1.580	1.77	ND	0.4050	0.40402												
72	PCB-121	38.23	38.23	7.575e3	1.574e3	1.580	1.04	ND	0.2740	0.27302												

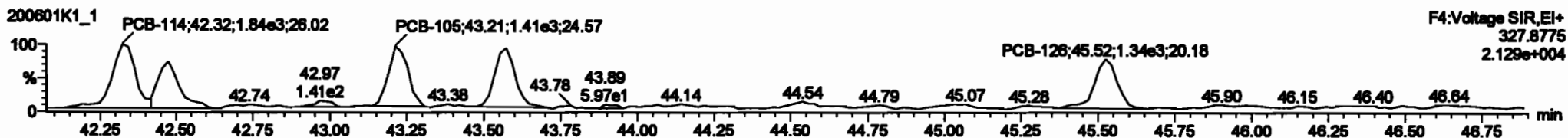
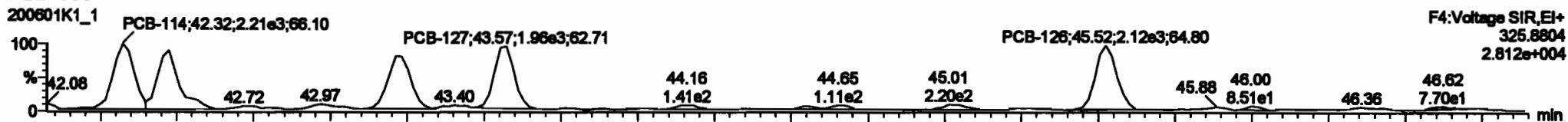


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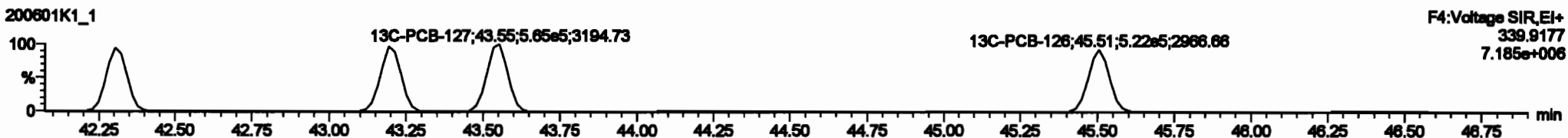
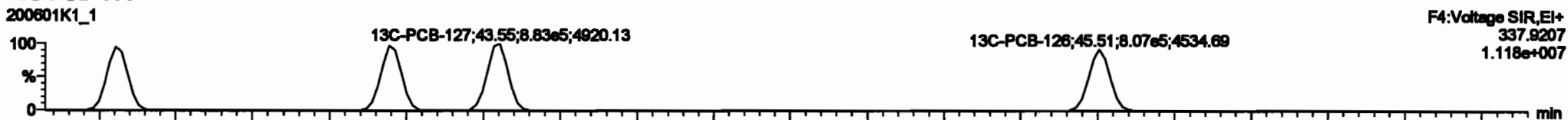
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Name: 200601K1_1, Date: 01-Jun-2020, Time: 12:15:03, ID: ST200601K1-1 PCB 209 CS0 19G2606, Description: PCB 209 CS0 19G2606

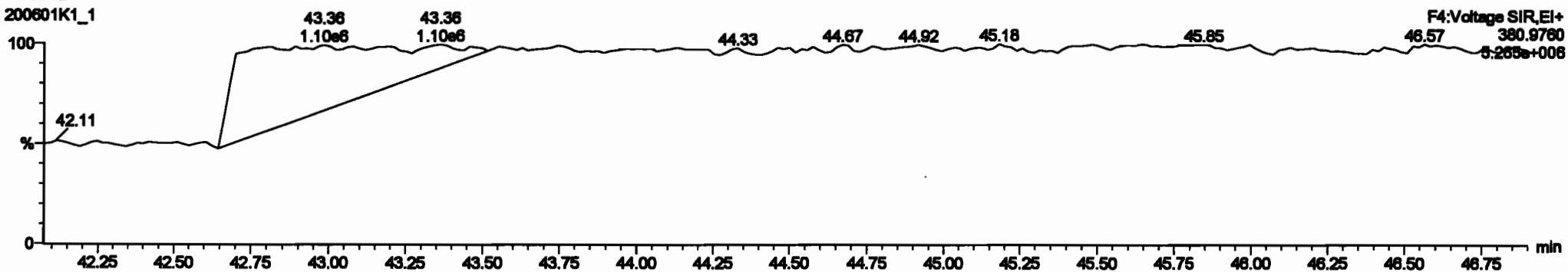
PCB-114



13C-PCB-114

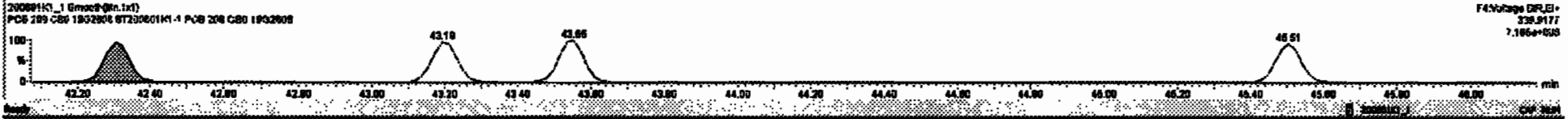
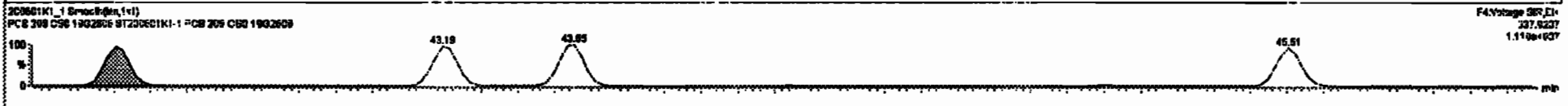
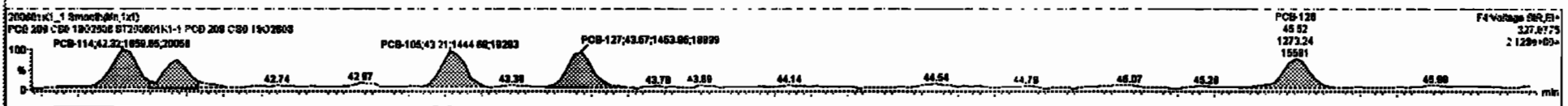
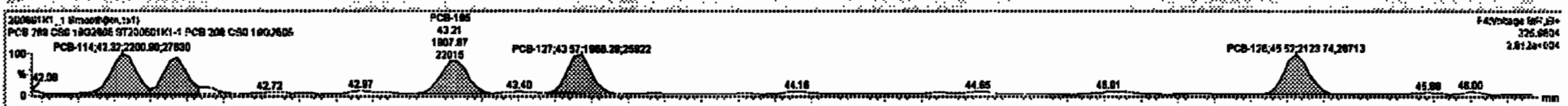


PFK4a



Sample	Method	Area	Height	Width	Retention	Concentration	Response	Label	Volume	Weight
227	3rd Function Tri-PCBs	0.8928	1.000	0.00	0.000	NO	3.898		0.101	3.898
228	Total Tri-PCBs	1.8778	1.000	0.00	0.000	NO	8.817		0.287	8.817
229	3rd Function Para-PCBs	1.3157	1.000	0.00	0.000	NO	8.800		0.318	8.800
230	Total Para-PCBs	1.3726	1.000	0.00	0.000	NO	5.726		0.198	5.726
231	3rd Function Meta-PCBs	0.8928	1.000	0.00	0.000	NO	3.400		0.108	3.400
232	Total Meta-PCBs	1.0318	1.000	0.00	0.000	NO	6.431		0.180	6.431
233	Total Ortho-PCBs	1.3591	1.000	0.00	0.000	NO	5.880		0.225	5.880
234	Total PCBs	1.0000	1.000	0.00	0.000	NO	2.108		0.6714	2.108
235	6th Function Ortho-PCBs	1.1488	1.000	0.00	0.000	NO	0.7210		0.0387	0.7210
236	Total Ortho-PCBs	0.8828	1.000	0.00	0.000	NO	0.7101		0.0328	0.7101
237	Di-PCBs	0.8828	1.000	0.00	0.000	NO	0.2388		0.00823	0.2388
238	Total PCBs									

Sample	Area	Height	Width	Retention	Concentration	Response	Label
89 PCB-114	42.28	42.22	2.201e3	1.899e3	1.980	1.32	NO 0.21800 0.20817
94 PCB-122	42.67	42.67	1.832e3	1.138e3	1.980	1.81	NO 0.23100 0.23088
86 PCB-106	43.21	43.21	1.898e3	1.446e3	1.980	1.32	NO 0.22800 0.22776
88 PCB-127	43.57	43.57	1.988e3	1.454e3	1.980	1.38	NO 0.22300 0.22285
87 PCB-128	46.52	46.52	2.174e3	1.378e3	1.980	1.87	NO 0.21800 0.21808



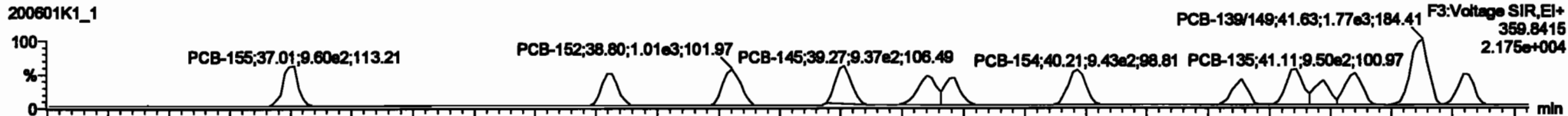
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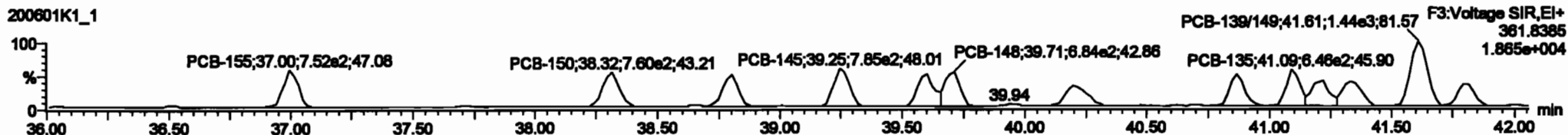
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PCB-155

200601K1_1



200601K1_1

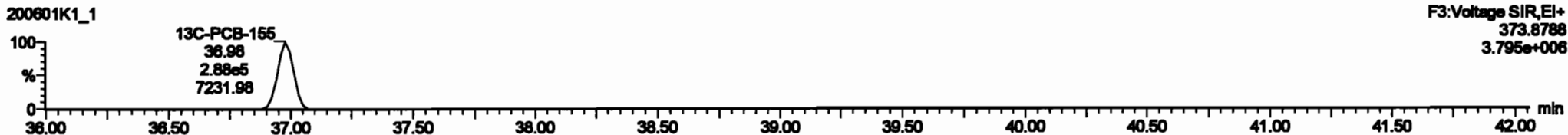


13C-PCB-155

200601K1_1

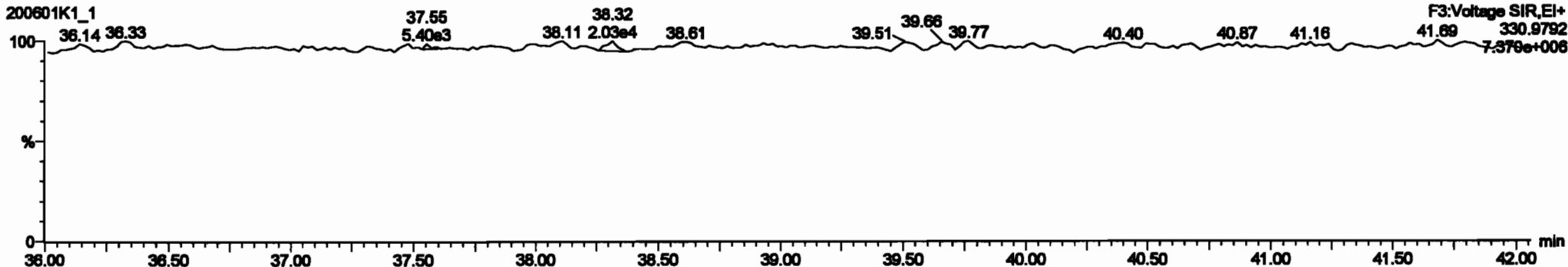


200601K1_1



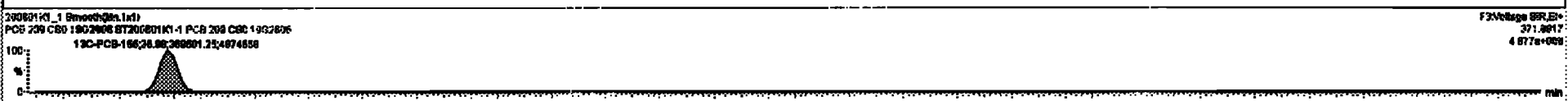
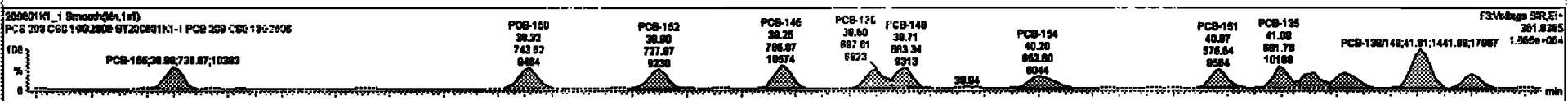
PFK3c

200601K1_1



#	Phase	Mass	CA	CP	PP	CP/PP	CP/CA	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	8.800		0.318	8.800				
230	4th Function Penta-PCBs				1.0738	1.000	0.00		0.000	NO	1.148		0.0538	1.148				
231	Total Penta-PCBs				2.3925	1.000	0.00		0.000	NO	9.948		0.372	9.948				
232	4th Function Hexa-PCBs				1.3318	1.000	0.00		0.000	NO	6.431		0.180	6.431				
233	Total Hexa-PCBs				1.3881	1.000	0.00		0.000	NO	6.880		0.225	6.880				
234	4th Function Octa-PCBs				1.0008	1.000	0.00		0.000	NO	2.188		0.0714	2.188				
235	8th 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	CA	CP	PP	CP/PP	CP/CA	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	8.188e2	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	0.28800	0.28830								
105	PCB-161	40.88	40.88	8.188e2	8.788e2	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								



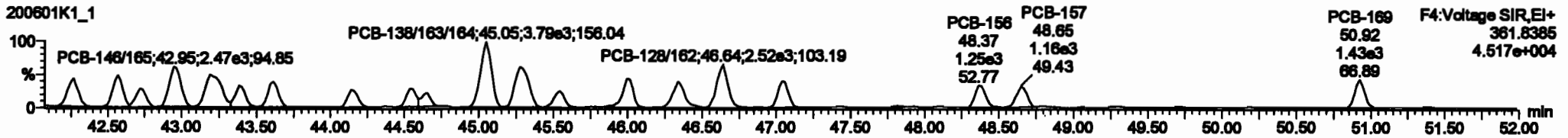
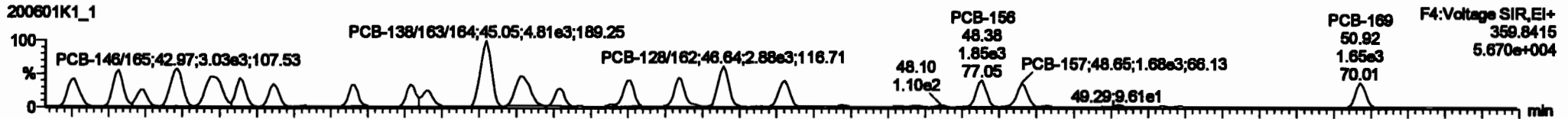
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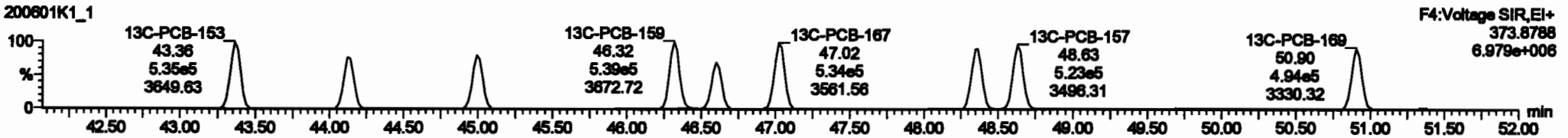
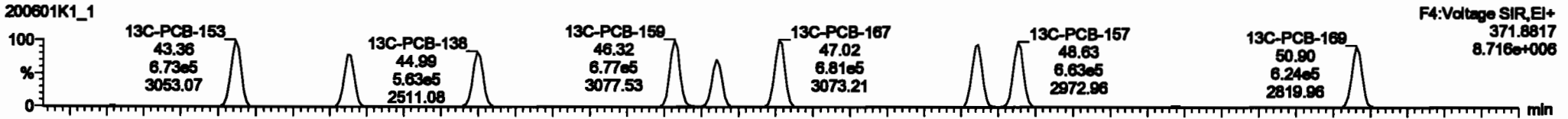
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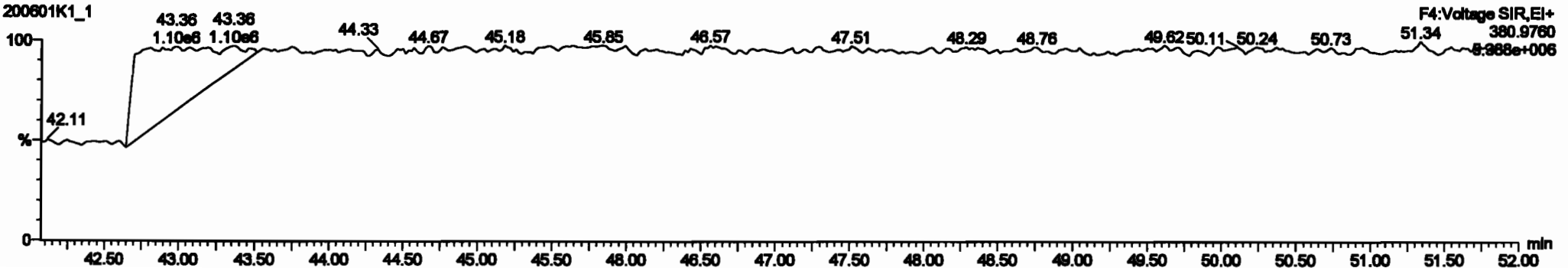
PCB-134/143



13C-PCB-153

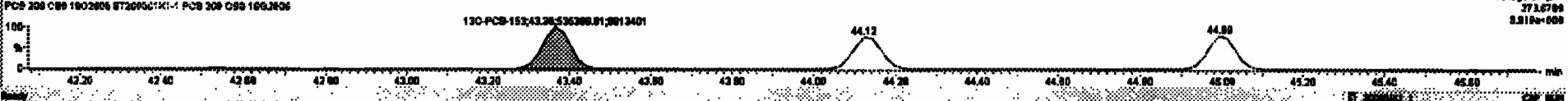
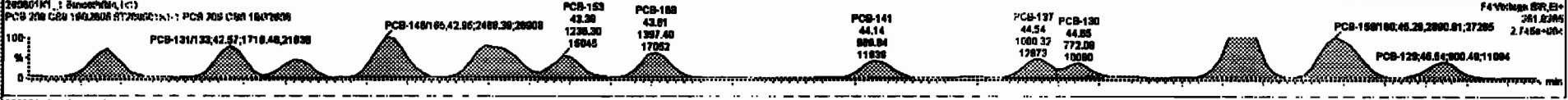


PFK4b



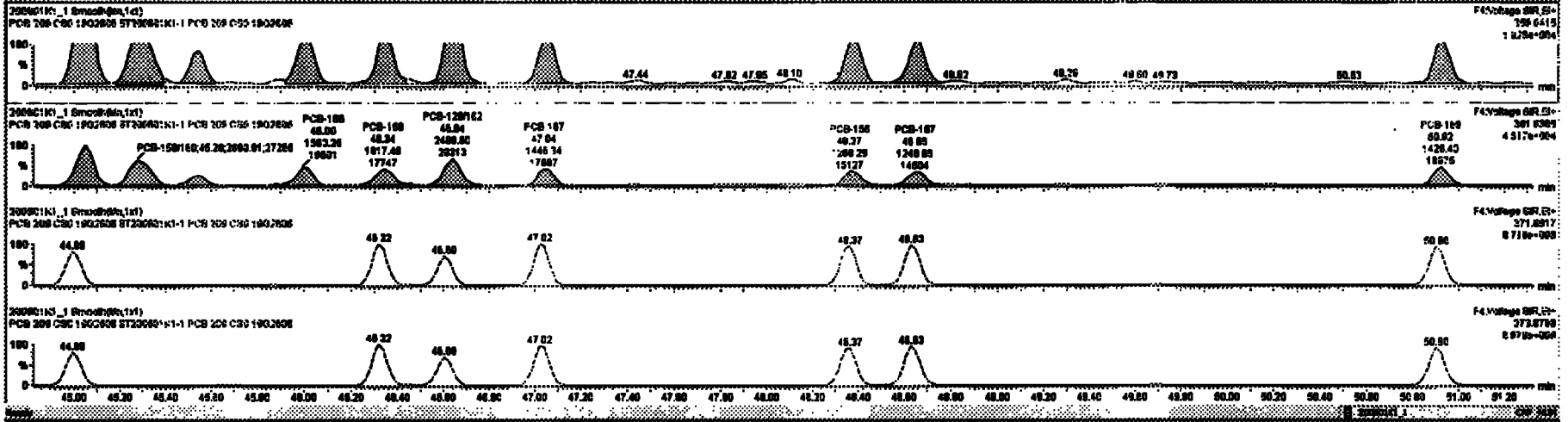
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227	3rd Function In-PCBs			0.0028	1.000	0.00	0.000	NO	3.888	0.191	3.888							
228	Total In-PCBs			1.0778	1.000	0.00	0.000	NO	8.917	0.287	8.917							
229	3rd Function Para-PCBs			1.2187	1.000	0.00	0.000	NO	8.800	0.218	8.800							
230	6th Function 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 Para-PCBs			1.2191	1.000	0.00	0.000	NO	13.388	0.4156	13.388							
233	Total High-PCBs			1.2091	1.000	0.00	0.000	NO	5.980	0.223	5.980							
234	6th Function Oxo-PCBs			1.0000	1.000	0.00	0.000	NO	2.188	0.9714	2.188							
235	6th Function Oxo-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	Diox-Cl			0.0004	1.000	0.00	0.000	NO	0.2388	0.0023	0.2388							
238	Total PCBs																	

PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt	PCB	Wt
111	PCB-134/43	42.20	42.20	2.1520	1.0000	1.240	1.20	NO	0.4080	0.4070							
112	PCB-131/33	42.80	42.87	2.4440	1.7180	1.240	1.42	NO	0.4200	0.4180							
113	PCB-142	42.72	42.72	1.2000	1.0160	1.240	1.18	NO	0.2400	0.2400							
114	PCB-148/165	42.97	42.97	3.0200	2.4800	1.240	1.28	NO	0.4400	0.4420							
115	PCB-132/181	43.30	43.10	3.2000	2.8000	1.240	1.21	NO	0.4700	0.4700							
116	PCB-188	43.30	43.30	1.7000	1.2300	1.240	1.42	NO	0.2200	0.2200							
117	PCB-153	43.81	43.81	1.2000	1.2000	1.240	1.00	NO	0.2200	0.2200							
118	PCB-141	44.14	44.14	1.2000	0.8000	1.240	1.24	NO	0.2200	0.2200							
119	PCB-137	44.84	44.84	1.2000	1.0000	1.240	1.20	NO	0.2200	0.22134							



Peak	Time	Area	Height	Width	Resolution	Integration	Signal	Baseline	Offset	Gain
227	0.000	1.000	0.00	0.000	ND	3.000	0.101	2.000		
228	1.0776	1.000	0.00	0.000	ND	0.017	0.207	0.017		
229	1.2167	1.000	0.00	0.000	ND	0.000	0.340	0.000		
230	1.0776	1.000	0.00	0.000	ND	1.140	0.000	1.140		
231	0.000	1.000	0.00	0.000	ND	3.400	0.100	3.400		
232	1.2167	1.000	0.00	0.000	ND	0.000	0.200	0.000		
233	1.000	1.000	0.00	0.000	ND	2.100	0.074	2.100		
234	1.000	1.000	0.00	0.000	ND	2.100	0.074	2.100		
235	1.1400	1.000	0.00	0.000	ND	0.720	0.000	0.720		
236	0.000	1.000	0.00	0.000	ND	0.710	0.000	0.710		
237	0.000	1.000	0.00	0.000	ND	0.200	0.000	0.200		
238	0.000	1.000	0.00	0.000	ND	0.200	0.000	0.200		

Peak	Time	Area	Height	Width	Resolution	Integration	Signal	Baseline	Offset	Gain
111	43.20	2.100e3	1.000e3	1.200	1.20	ND	0.4000	0.0700		
112	43.00	2.440e3	1.710e3	1.200	1.42	ND	0.4000	0.0700		
113	42.72	1.200e3	1.010e3	1.200	1.18	ND	0.2000	0.2000		
114	42.07	3.000e3	3.400e3	1.200	1.23	ND	0.4470	0.0470		
115	43.20	3.200e3	3.000e3	1.200	1.21	ND	0.4700	0.0700		
116	43.30	1.700e3	1.200e3	1.200	1.42	ND	0.2000	0.0000		
117	43.01	1.000e3	1.200e3	1.200	1.08	ND	0.2000	0.0000		
118	44.14	1.200e3	0.000e3	1.200	1.34	ND	0.2000	0.0000		
119	44.04	1.200e3	1.000e3	1.200	1.30	ND	0.2010	0.0010		



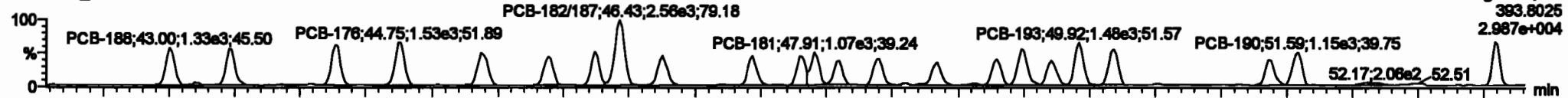
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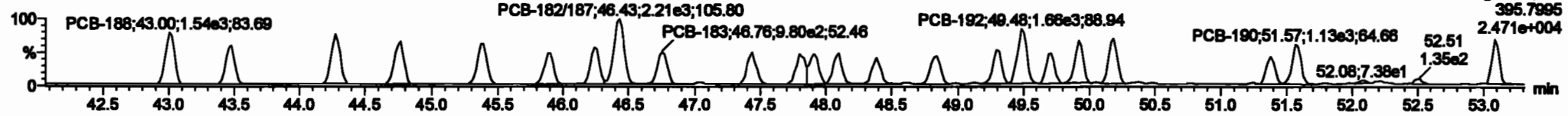
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PCB-188

200601K1_1

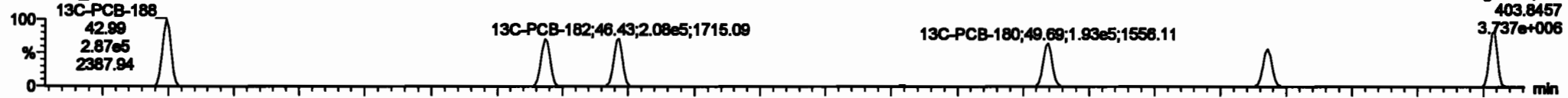


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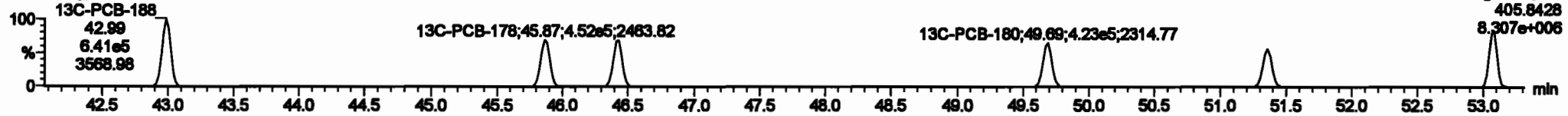


13C-PCB-188

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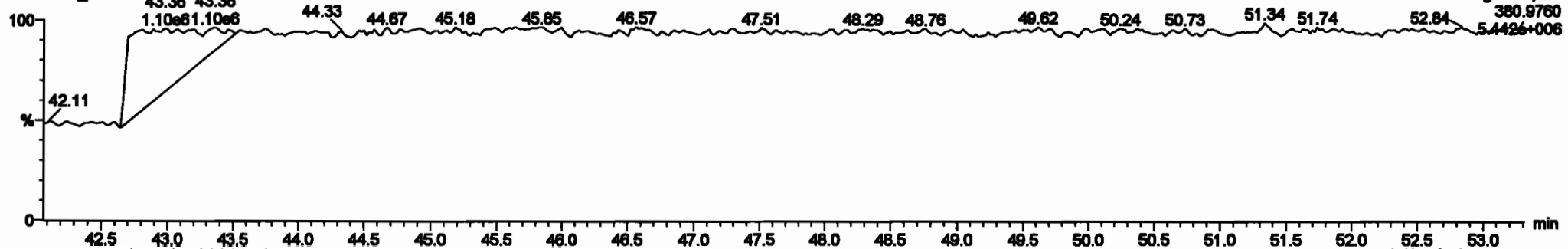


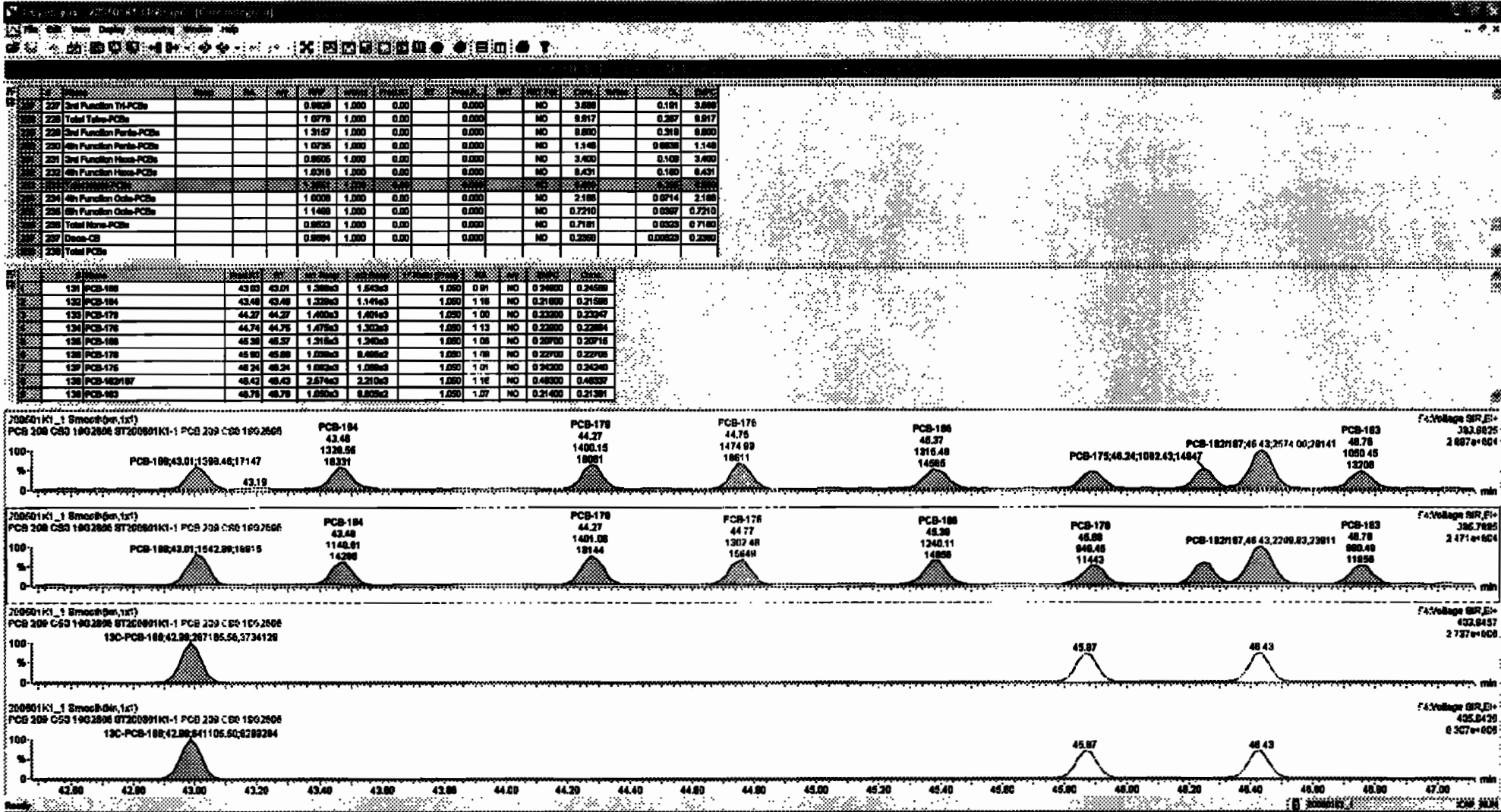
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PFK4c

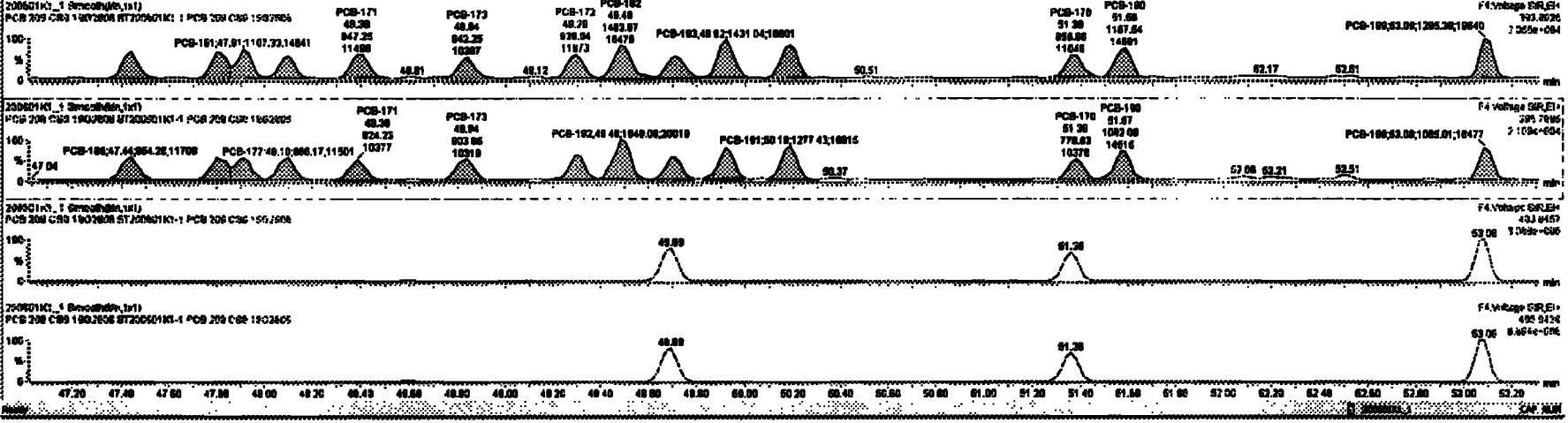
200601K1_1





PCB	Material	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt
227	Shell Function Tru-PCBs	0.0028	1.000	0.00	0.0000	NO	3.000	0.001	3.000				
228	Total Tru-PCBs	1.0770	1.000	0.00	0.0000	NO	0.017	0.207	0.017				
229	Shell Function Proto-PCBs	1.3167	1.000	0.00	0.0000	NO	0.000	0.310	0.000				
230	4th Function Proto-PCBs	1.0720	1.000	0.00	0.0000	NO	1.140	0.000	1.140				
231	Shell Function Home-PCBs	0.0000	1.000	0.00	0.0000	NO	3.000	0.100	3.000				
232	4th Function Home-PCBs	1.0010	1.000	0.00	0.0000	NO	0.001	0.000	0.001				
233	Shell Home-PCBs	0.0000	1.000	0.00	0.0000	NO	0.000	0.000	0.000				
234	4th Function Ode-PCBs	1.0000	1.000	0.00	0.0000	NO	2.100	0.071	2.100				
235	6th Function Ode-PCBs	1.1400	1.000	0.00	0.0000	NO	0.720	0.000	0.720				
236	Total Home-PCBs	0.0023	1.000	0.00	0.0000	NO	0.710	0.000	0.710				
237	Shell-CB	0.0004	1.000	0.00	0.0000	NO	0.200	0.000	0.200				
238	Total PCBs												

PCB	Material	Area	Vol	Wt	Area	Vol	Wt	Area	Vol	Wt
131	PCB-100	43.00	43.01	1.300e3	1.500e3	1.000	0.01	NO	0.3000	0.3000
132	PCB-104	43.40	43.40	1.320e3	1.510e3	1.000	1.10	NO	0.2100	0.2100
133	PCB-170	44.27	44.27	1.400e3	1.400e3	1.000	1.00	NO	0.2000	0.2000
134	PCB-170	44.74	44.75	1.470e3	1.200e3	1.000	1.13	NO	0.2200	0.2200
135	PCB-100	45.20	45.20	1.310e3	1.200e3	1.000	1.00	NO	0.2000	0.2000
136	PCB-170	45.80	45.80	1.000e3	0.800e3	1.000	1.00	NO	0.2000	0.2000
137	PCB-170	46.24	46.24	1.000e3	1.000e3	1.000	1.01	NO	0.2000	0.2000
138	PCB-100/07	46.40	46.40	2.070e3	2.210e3	1.000	1.10	NO	0.4000	0.4000
139	PCB-100	46.70	46.70	1.000e3	0.800e3	1.000	1.07	NO	0.2100	0.2100



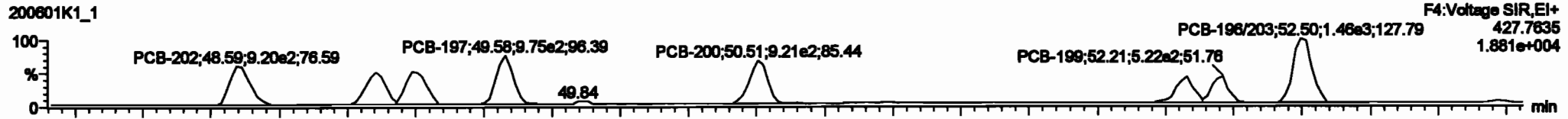
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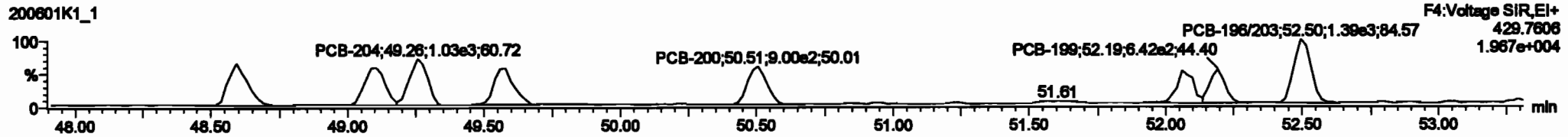
PCB-202

200601K1_1



F4:Voltage SIR,EI+
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1.881e+004

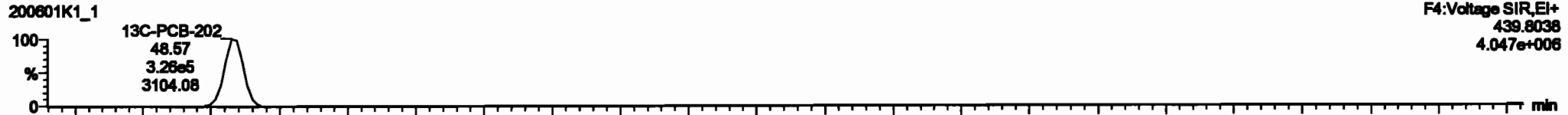
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F4:Voltage SIR,EI+
429.7606
1.967e+004

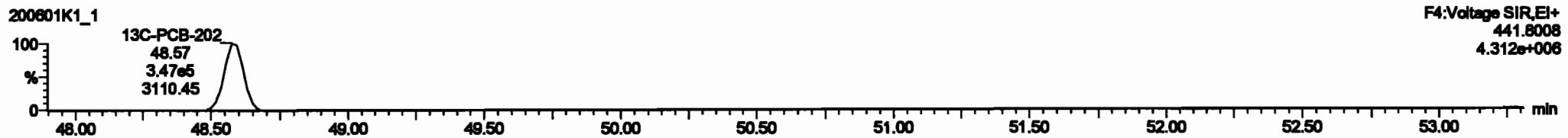
13C-PCB-202

200601K1_1



F4:Voltage SIR,EI+
439.8038
4.047e+006

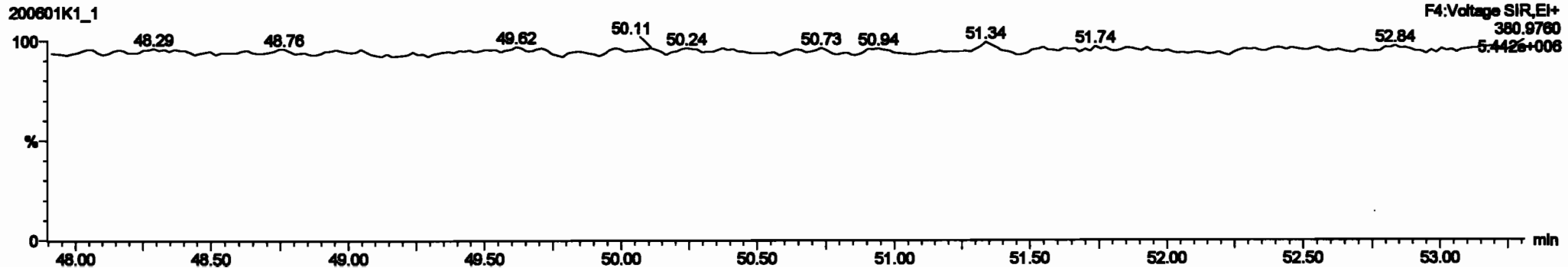
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F4:Voltage SIR,EI+
441.8008
4.312e+006

PFK4d

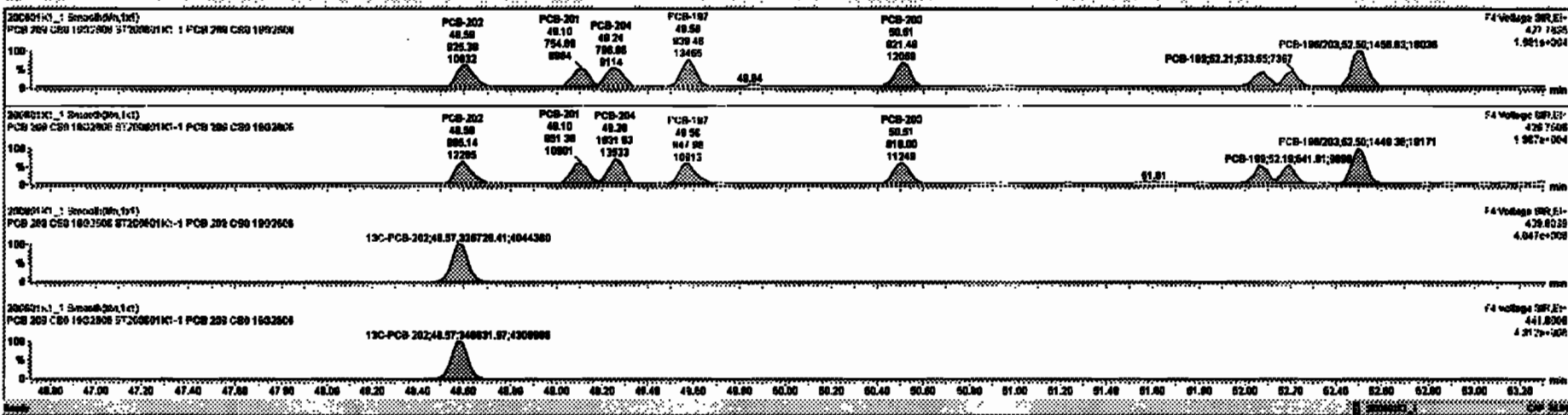
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F4:Voltage SIR,EI+
380.9760
5.442e+006

Item	Code	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	NET	TAX	TOTAL
227	3rd Function Tr-PCBs			0.0000	1.000	0.00	0.000	NO	0.000	0.00	0.000
228	Total Trns-PCBs			1.0770	1.000	0.00	0.000	NO	0.000	0.00	1.077
229	3rd Function Parts-PCBs			1.2107	1.000	0.00	0.000	NO	0.000	0.00	1.211
230	4th Function Parts-PCBs			1.2735	1.000	0.00	0.000	NO	0.000	0.00	1.274
231	3rd Function Hous-PCBs			0.0000	1.000	0.00	0.000	NO	0.000	0.00	0.000
232	4th Function Hous-PCBs			1.0010	1.000	0.00	0.000	NO	0.000	0.00	1.001
233	Total Hous-PCBs			1.0010	1.000	0.00	0.000	NO	0.000	0.00	1.001
234	5th Function Ods-PCBs			1.1480	1.000	0.00	0.000	NO	0.000	0.00	1.148
235	Total Mamp-PCBs			0.0000	1.000	0.00	0.000	NO	0.000	0.00	0.000
237	Case-CB			0.0000	1.000	0.00	0.000	NO	0.000	0.00	0.000
238	Total PCBs										

Item	Code	QTY	UNIT	PRICE	TOTAL	TAX	NET	DISC	NET	TAX	TOTAL
184	PCB-202	48.01	48.00	0.264e2	0.001e2	0.000	0.00	NO	0.24000	0.24480	
185	PCB-201	48.00	48.10	7.847e2	0.014e2	0.000	0.70	NO	0.24100	0.24103	
186	PCB-204	48.24	48.24	7.000e2	1.033e2	0.000	0.77	NO	0.23800	0.23841	
187	PCB-197	48.00	48.00	0.000e2	0.480e2	0.000	0.00	NO	0.24000	0.24704	
188	PCB-200	00.00	00.01	0.210e2	0.100e2	0.000	1.00	NO	0.20000	0.20075	
189	PCB-199	02.00	02.00	1.400e2	0.720e2	0.000	0.00	NO	0.22000	0.22000	
190	PCB-198	02.17	02.21	0.200e2	0.410e2	0.000	0.00	NO	0.21000	0.21004	
001	PCB-199-000	02.00	02.00	1.400e2	1.400e2	0.000	1.00	NO	0.01000	0.01004	



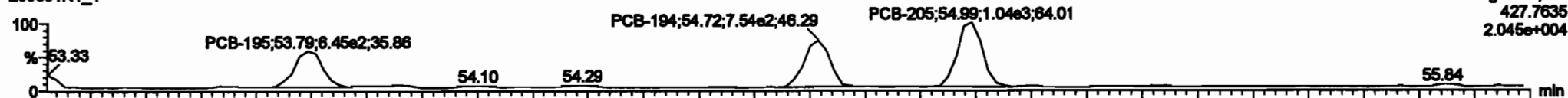
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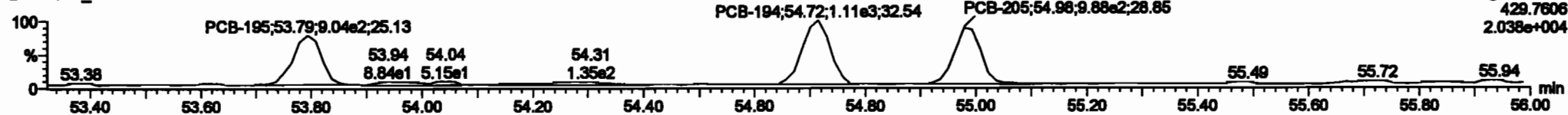
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PCB-195

200601K1_1

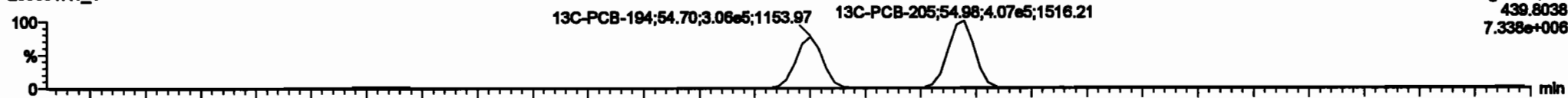


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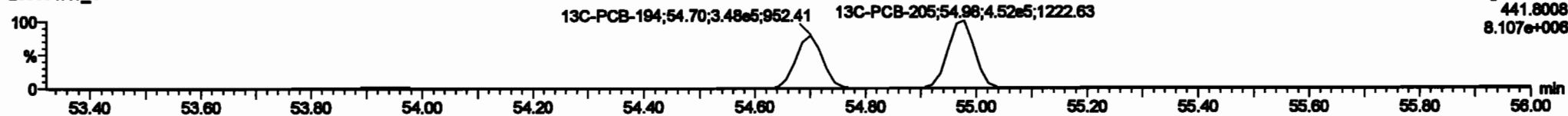


13C-PCB-194

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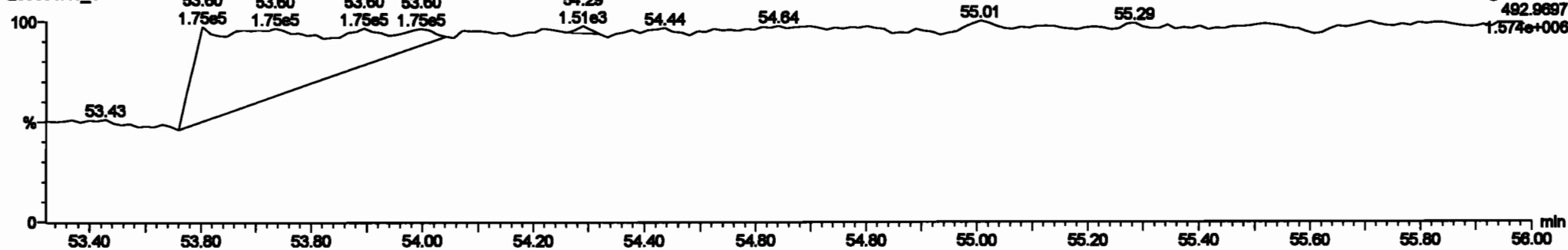


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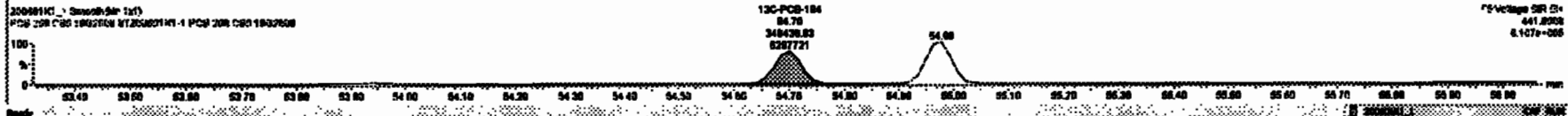
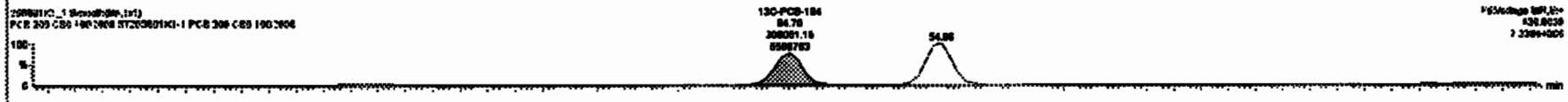
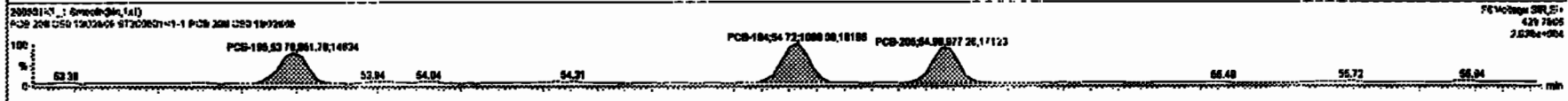
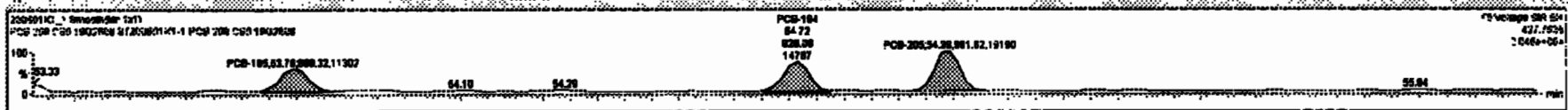
PFK5a

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		1.0000	1.000	0.00	0.000	NO	0.401		0.100	0.401				
233 1st Function PA-PCBs		1.0000	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		0.0000	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	0.2000			
101 PCB-104	64.72	64.72	0.0000	1.0000	0.000	NO	0.2000	0.2000	0.2000	0.2000			
104 PCB-205	64.80	64.80	0.0100	0.7700	0.000	NO	0.2000	0.2000	0.2000	0.2000			



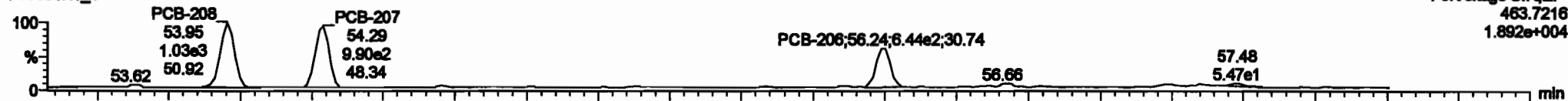
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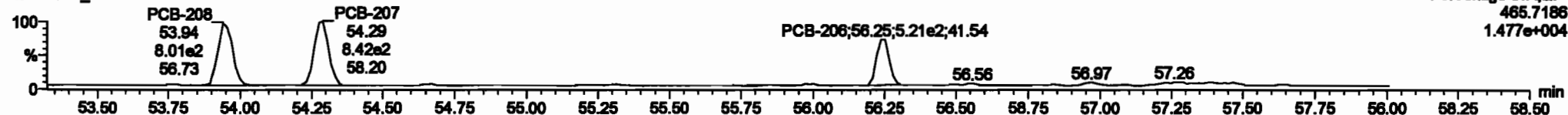
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PCB-208

200601K1_1

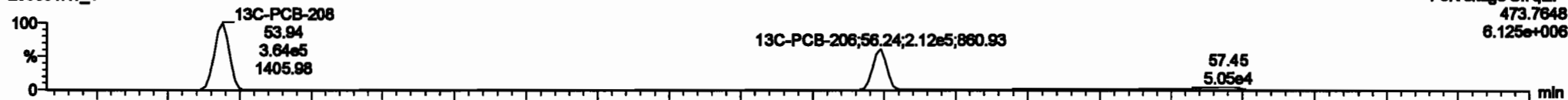


200601K1_1

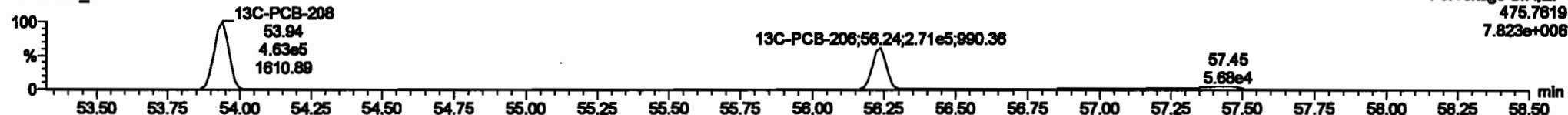


13C-PCB-208

200601K1_1

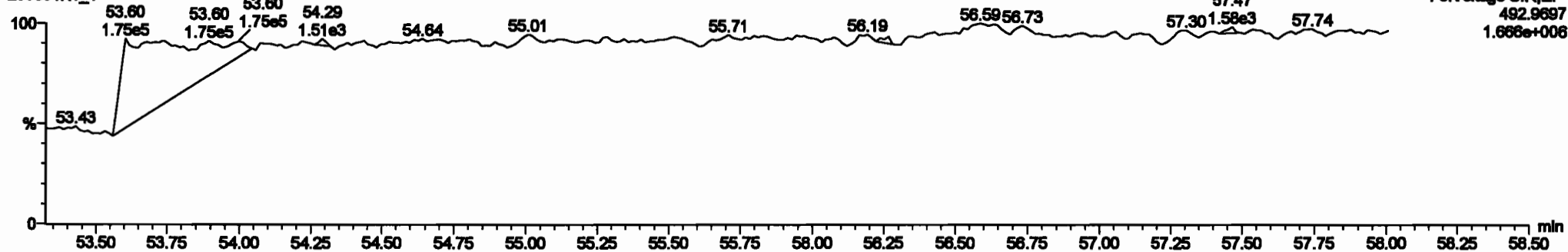


200601K1_1



PFK5

200601K1_1



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

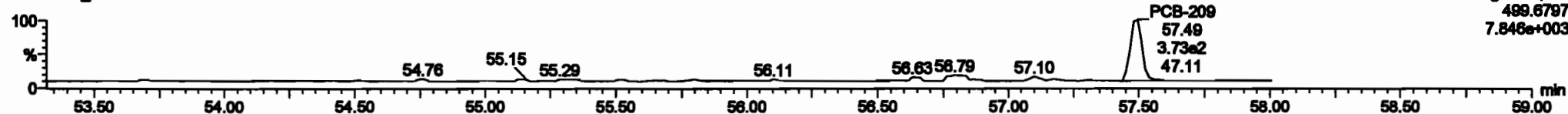
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PCB-209

200601K1_1

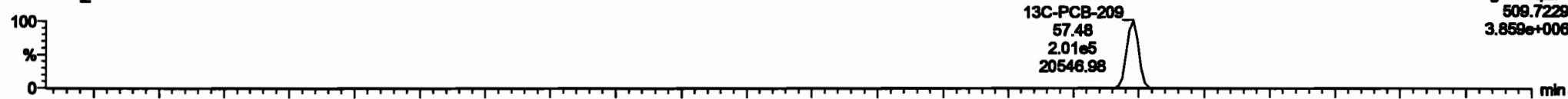


200601K1_1

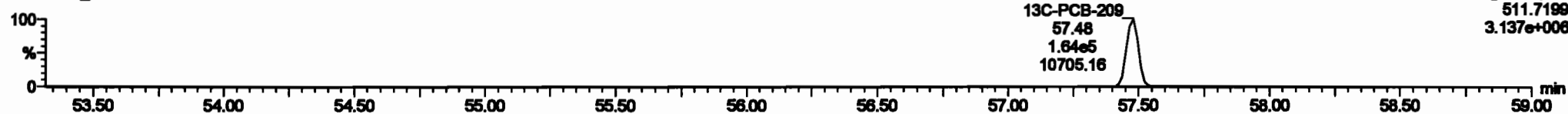


13C-PCB-209

200601K1_1

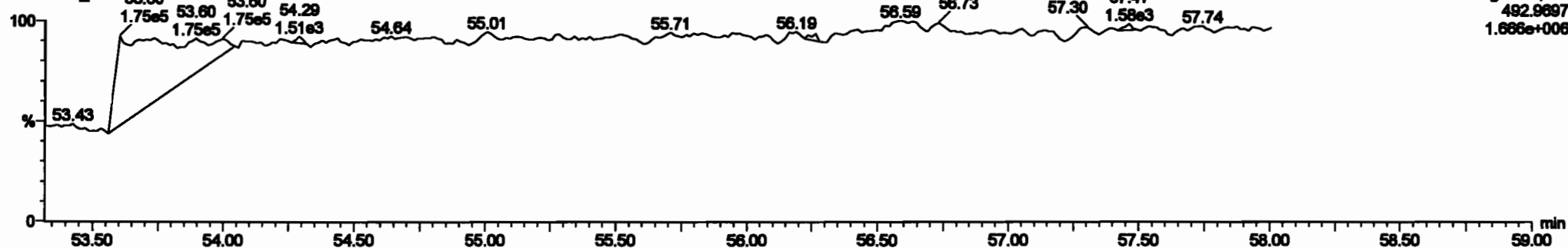


200601K1_1



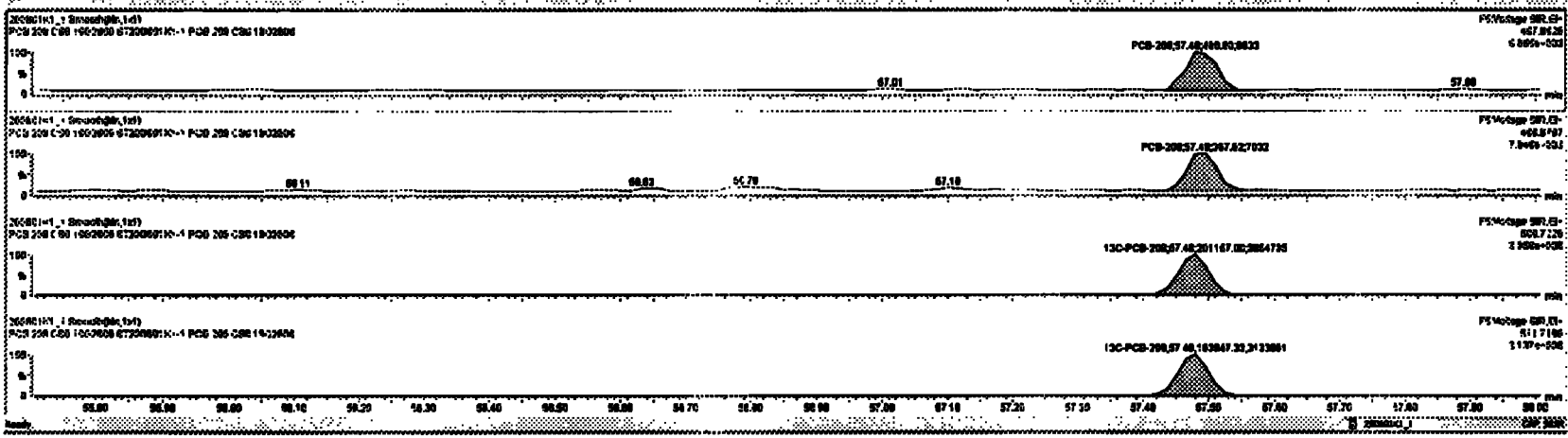
PFK5b

200601K1_1



Item	QTY	UNIT	PRICE	TOTAL	TAXES	NET	TOTAL	TAXES	NET	
227 2nd Purvision 1st PCBs			0.0000	1.0000	0.00	0.0000	ND	2.0000	0.00	2.0000
228 Total 1st PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
229 2nd Purvision 2nd PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
230 4th Purvision 2nd PCBs			1.0000	1.0000	0.00	0.0000	ND	1.0000	0.0000	1.0000
231 2nd Purvision 3rd PCBs			0.0000	1.0000	0.00	0.0000	ND	2.0000	0.0000	2.0000
232 4th Purvision 3rd PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
233 Total 3rd PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
234 4th Purvision 4th PCBs			1.0000	1.0000	0.00	0.0000	ND	2.0000	0.0000	2.0000
235 2nd Purvision 4th PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
236 4th Purvision 4th PCBs			1.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
237 Total 4th PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000
238 Total PCBs			0.0000	1.0000	0.00	0.0000	ND	0.0000	0.0000	0.0000

Item	QTY	UNIT	PRICE	TOTAL	TAXES	NET	TOTAL	TAXES	NET
400 PCB 200	1	EA	4.0000	4.0000	0.0000	1.7700	1.2300	0.0000	0.2300



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

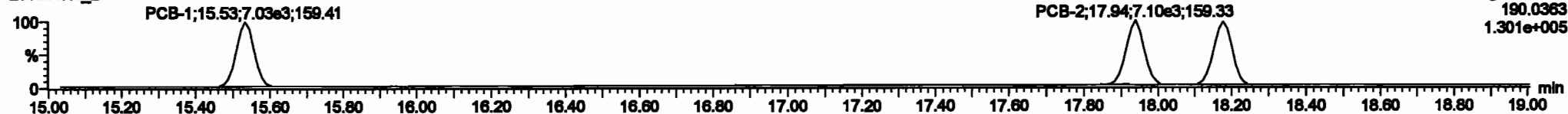
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PCB-1

200601K1_2



200601K1_2

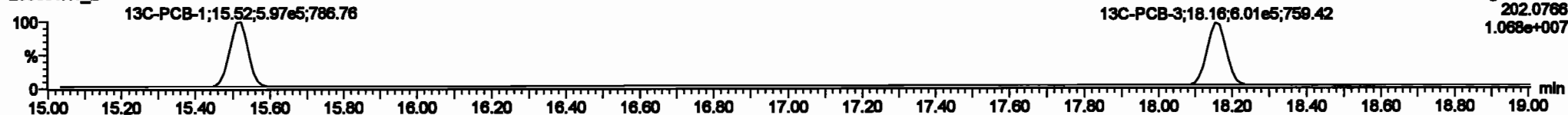


13C-PCB-1

200601K1_2

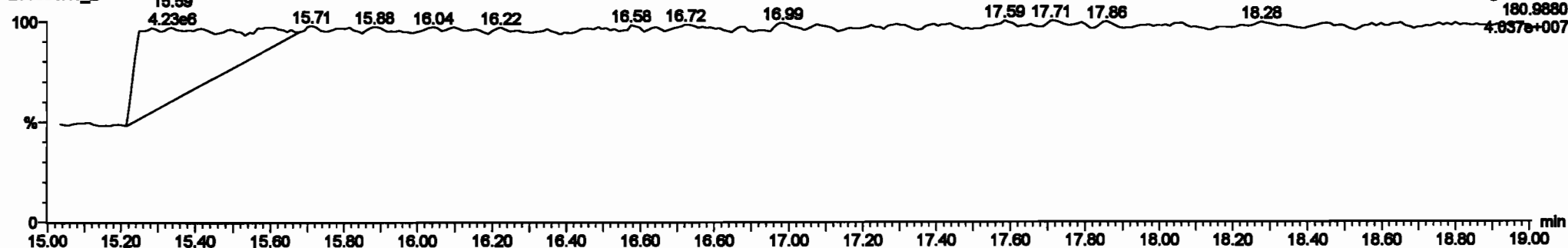


200601K1_2



PFK1

200601K1_2

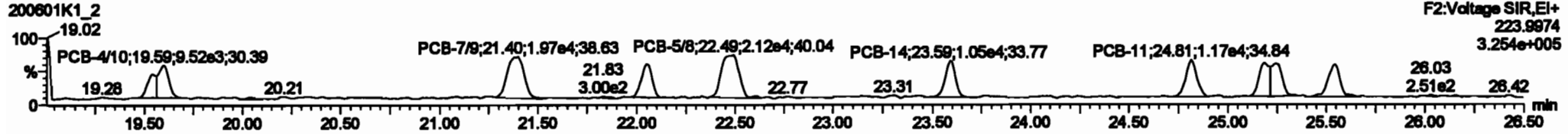
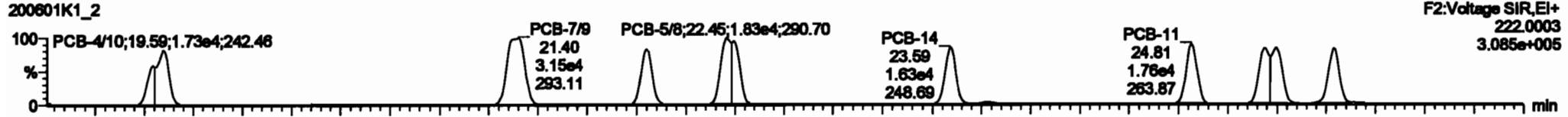


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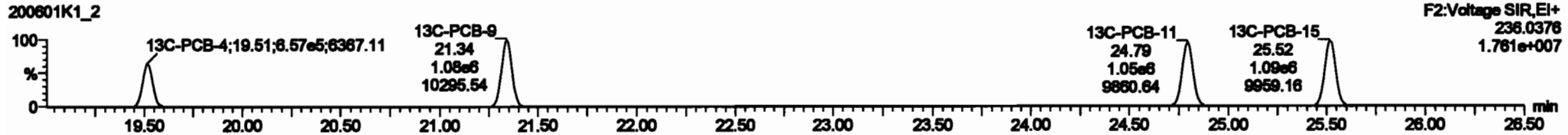
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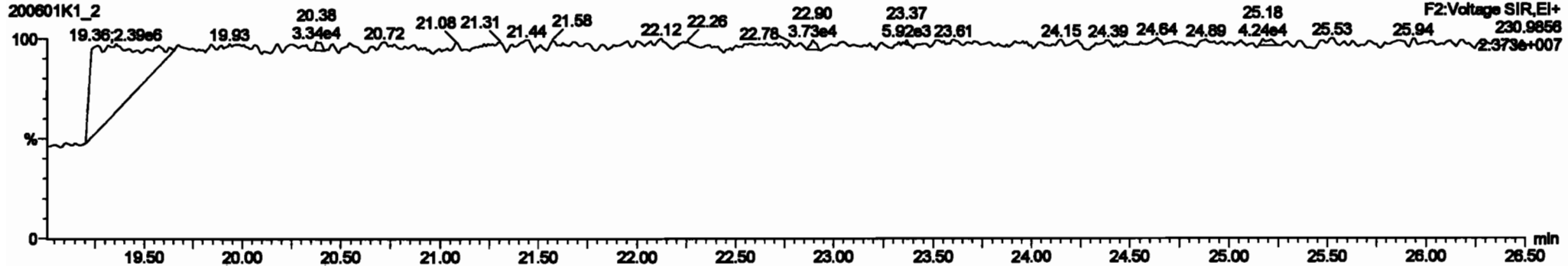
PCB-4/10



13C-PCB-4

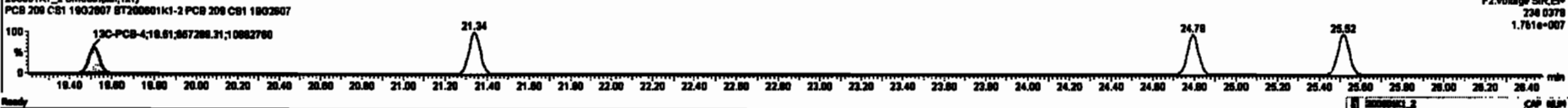
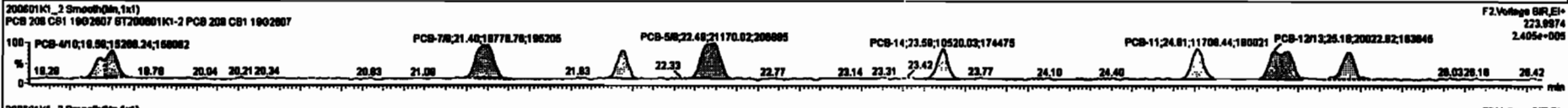


PFK2a



#	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 Hesa-PCBs				0.8828	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.120	13.32				
232	4th Function Hesa-PCBs				1.0316	1.000	0.00	0.00	0.000	0.000	NO	28.45		0.302	28.45				
233	Total Hesa-PCBs				1.3891	1.000	0.00	0.00	0.000	0.000	NO	23.19		0.230	23.19				
234	4th Function Octa-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	0.216		0.0785	0.216				

#	Name	ProdRate	WT	wt Range	cd Range	* Ratio (Prod)	RA	Qty	-BSPC	Cons.
1	4 PCB-478	18.80	18.80	2.480e4	1.527e4	1.580	1.82	NO	1.8718	1.8708
2	6 PCB-78	21.40	21.40	3.162e4	1.878e4	1.580	1.80	NO	1.8888	1.8881
3	8 PCB-8	22.08	22.08	1.817e4	1.806e4	1.580	1.81	NO	0.82800	0.82812
4	7 PCB-68	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	1.882e4	1.580	1.58	NO	0.87700	0.87678
6	9 PCB-11	24.81	24.81	1.771e4	1.371e4	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



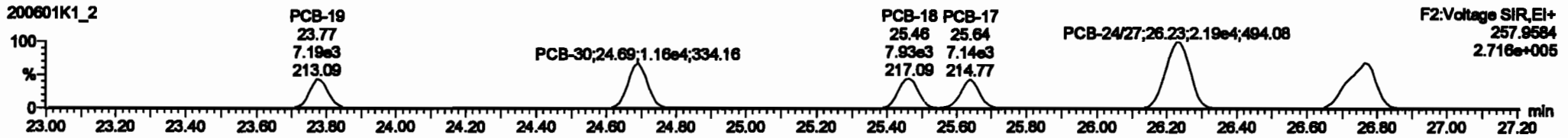
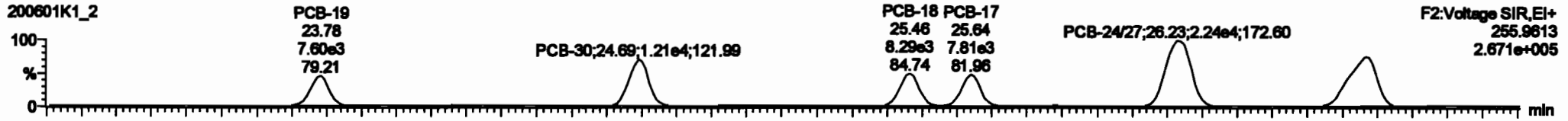
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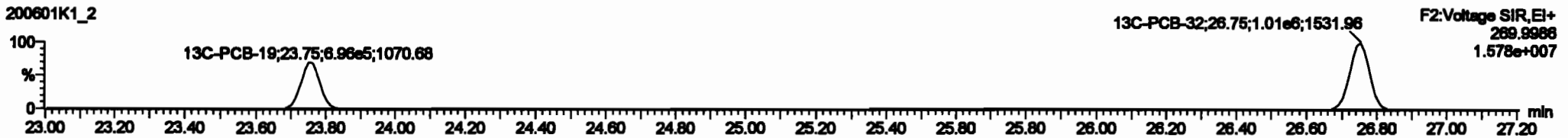
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

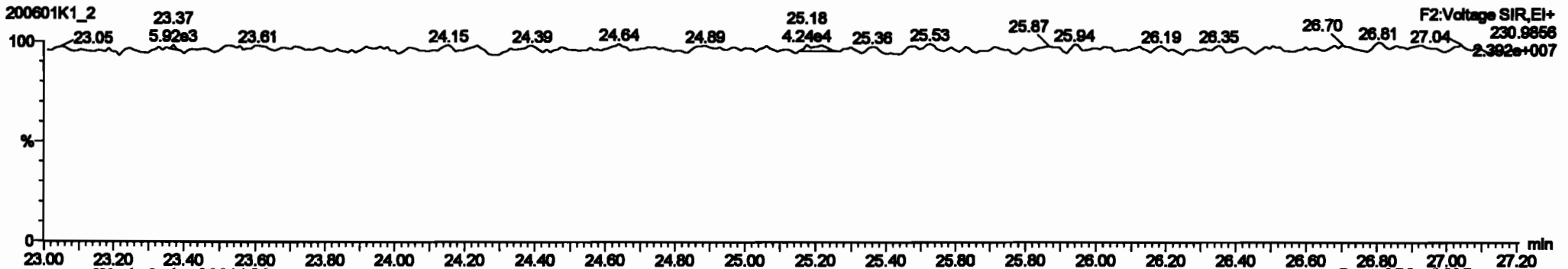
PCB-19



13C-PCB-19

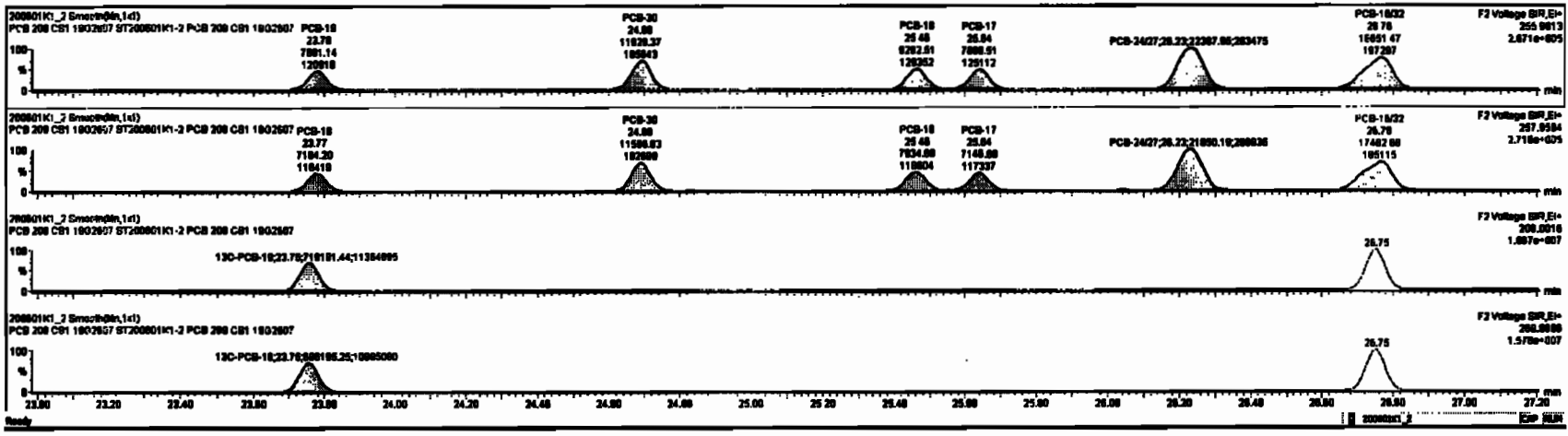


PFK2b



#	Sample	Range	RA	RP	REP	Method	Result	SE	Result	REP	Unit	Comp	Value	Unit	SL	SLPC	
223	13C-PCB-176	7.50e6	0.48	ND	1.0000	1.000	48.07	0.000	0.000	NO	104.2	104	0.0072				
224	Total Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	NO	2.864		0.0006	2.864			
225	Total Di-PCBs				1.0000	1.000	0.000	0.000	0.000	NO	11.30		0.007	11.30			
226	Total Tri-PCBs				1.0000	1.000	0.000	0.000	0.000	NO	18.21		0.001	18.21			
227	2nd Puration Mono-PCBs				0.0000	1.000	0.000	0.000	0.000	NO	40.20		0.002	40.20			
228	Total Mono-PCBs				1.0070	1.000	0.000	0.000	0.000	NO	30.67		0.0070	30.67			
229	2nd Puration Mono-PCBs				1.0070	1.000	0.000	0.000	0.000	NO	4.700		0.0013	4.700			
230	4th Puration Mono-PCBs				0.0000	1.000	0.000	0.000	0.000	NO	13.23		0.002	13.23			
231	2nd Puration Mono-PCBs				1.0070	1.000	0.000	0.000	0.000	NO	28.46		0.002	28.46			
232	4th Puration Mono-PCBs				1.0070	1.000	0.000	0.000	0.000	NO	25.16		0.006	25.16			
233	Total Mono-PCBs				1.0000	1.000	0.000	0.000	0.000	NO	0.215		0.0006	0.215			
234	4th Puration Mono-PCBs																

#	Sample	PreID	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
1	13	PCB-18	25.79	25.79	7.00e0	7.10e0	1.00	1.00	NO	0.0000	0.0000									
2	13	PCB-20	24.80	24.80	1.10e0	1.10e0	1.00	1.00	NO	0.0000	0.0000									
3	14	PCB-18	26.48	26.48	0.20e0	7.00e0	1.00	1.00	NO	0.0000	0.0000									
4	15	PCB-17	26.84	26.84	7.00e0	7.50e0	1.00	1.00	NO	0.0000	0.0000									
5	16	PCB-24/27	28.20	28.20	2.50e0	2.50e0	1.00	1.00	NO	1.0010	1.0014									
6	17	PCB-18/22	28.77	28.79	1.00e0	1.70e0	1.00	1.00	NO	1.0000	1.0010									

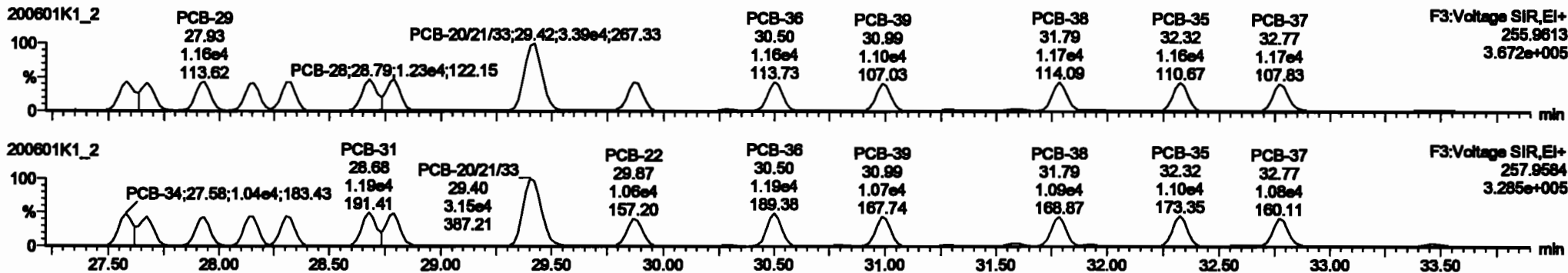


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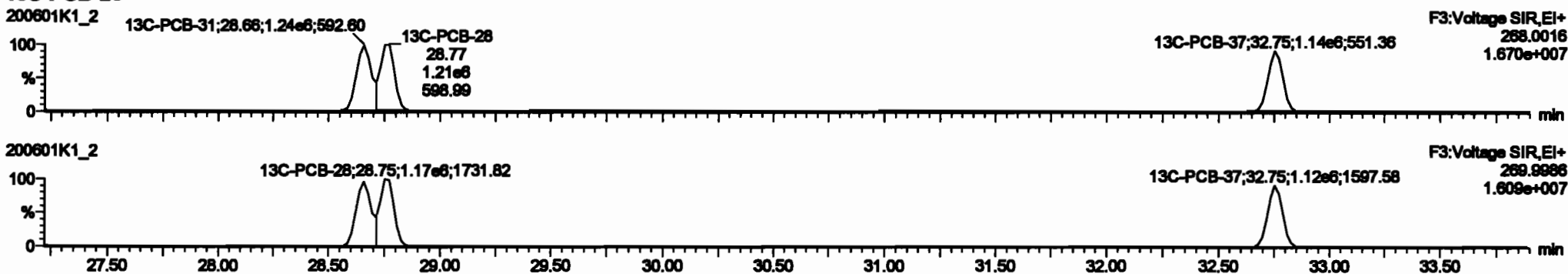
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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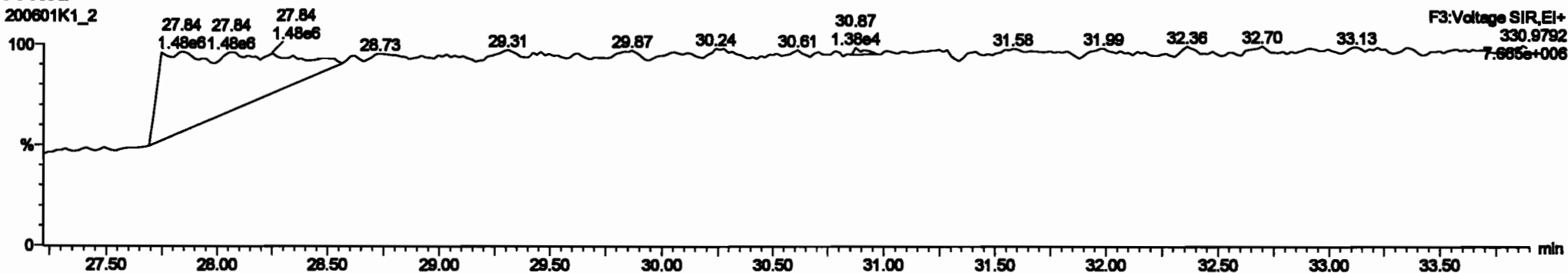
PCB-34



13C-PCB-28

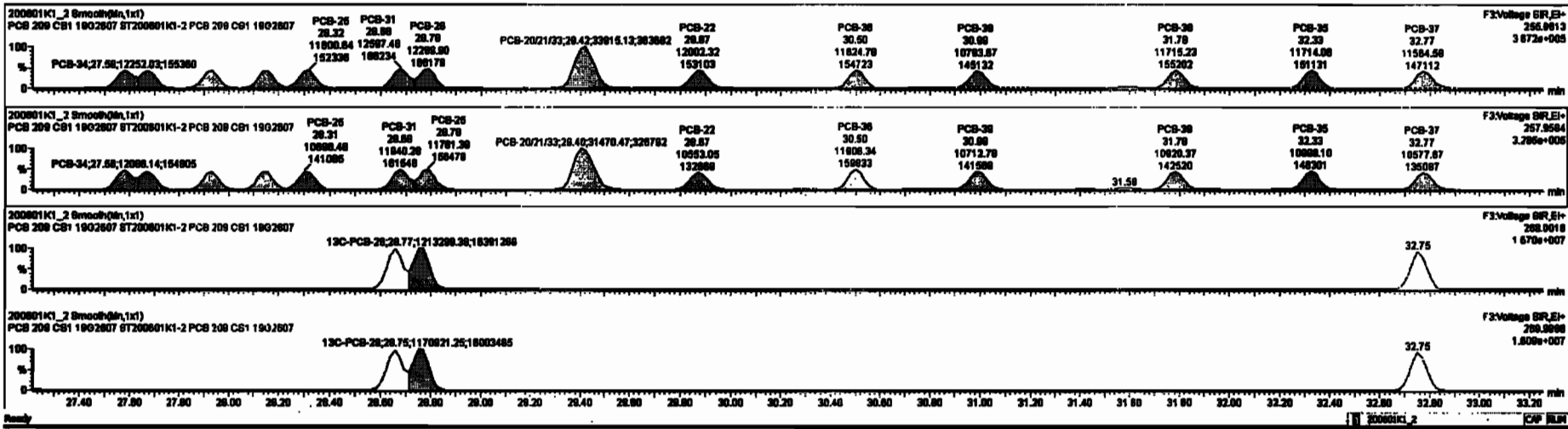


PFK3d



PCB	PCB-34	PCB-25	PCB-31	PCB-28	PCB-22	PCB-36	PCB-38	PCB-35	PCB-37
220	152	152	152	152	152	152	152	152	152
224	152	152	152	152	152	152	152	152	152
226	152	152	152	152	152	152	152	152	152
228	152	152	152	152	152	152	152	152	152
230	152	152	152	152	152	152	152	152	152
232	152	152	152	152	152	152	152	152	152
234	152	152	152	152	152	152	152	152	152
236	152	152	152	152	152	152	152	152	152
238	152	152	152	152	152	152	152	152	152
240	152	152	152	152	152	152	152	152	152
242	152	152	152	152	152	152	152	152	152
244	152	152	152	152	152	152	152	152	152
246	152	152	152	152	152	152	152	152	152
248	152	152	152	152	152	152	152	152	152
250	152	152	152	152	152	152	152	152	152
252	152	152	152	152	152	152	152	152	152
254	152	152	152	152	152	152	152	152	152
256	152	152	152	152	152	152	152	152	152
258	152	152	152	152	152	152	152	152	152
260	152	152	152	152	152	152	152	152	152
262	152	152	152	152	152	152	152	152	152
264	152	152	152	152	152	152	152	152	152

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

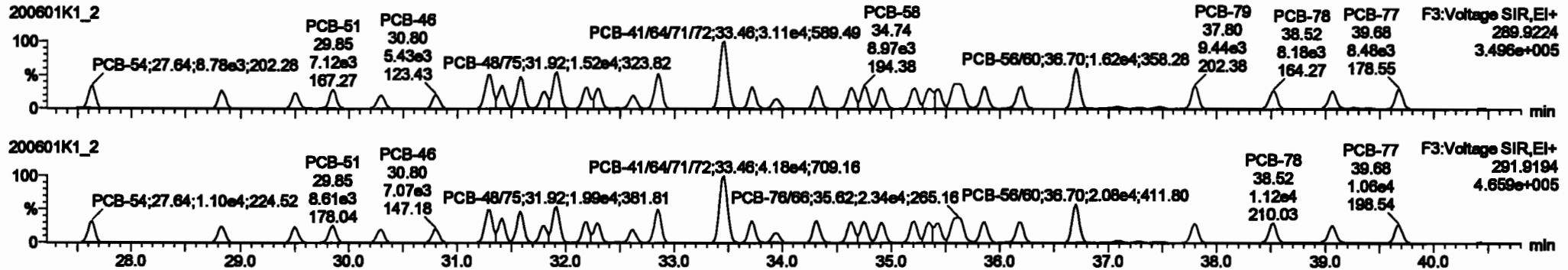


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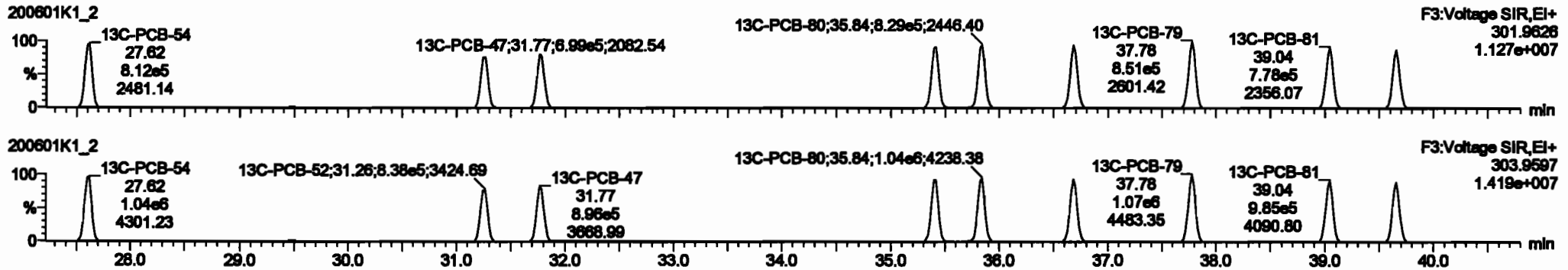
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Name: 200601K1_2, Date: 01-Jun-2020, Time: 13:18:19, ID: ST200601K1-2 PCB 209 CS1 19G2607, Description: PCB 209 CS1 19G2607

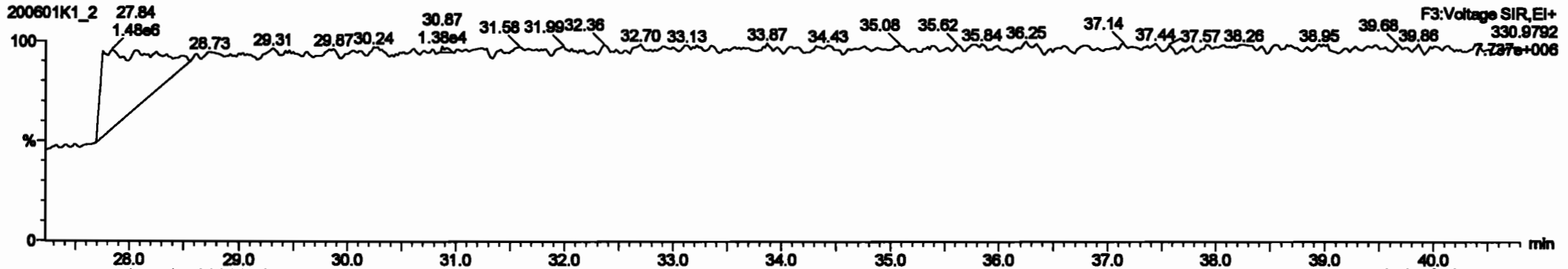
PCB-54



13C-PCB-54



PFK3a



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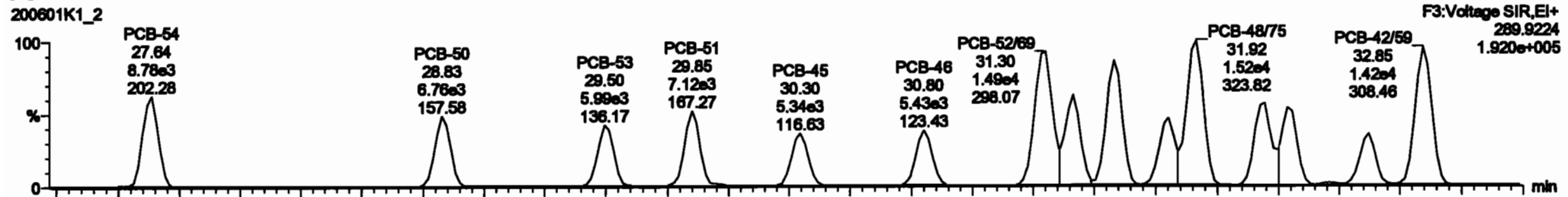
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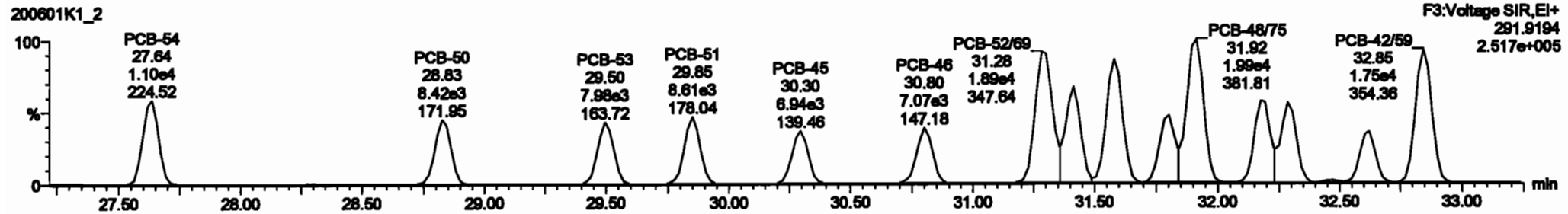
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PCB-50

200601K1_2



200601K1_2

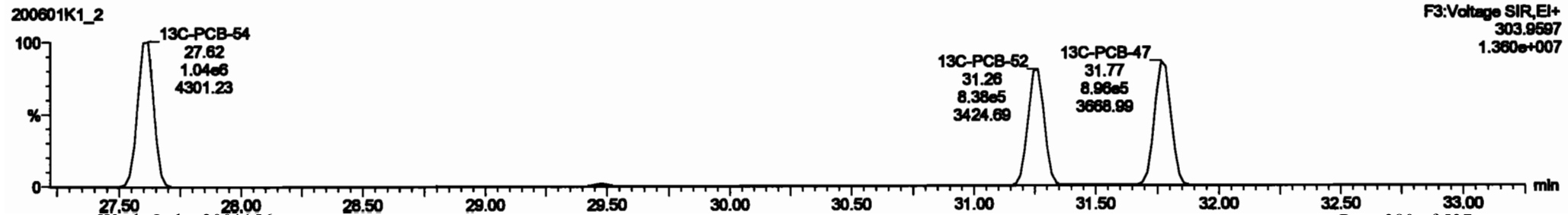


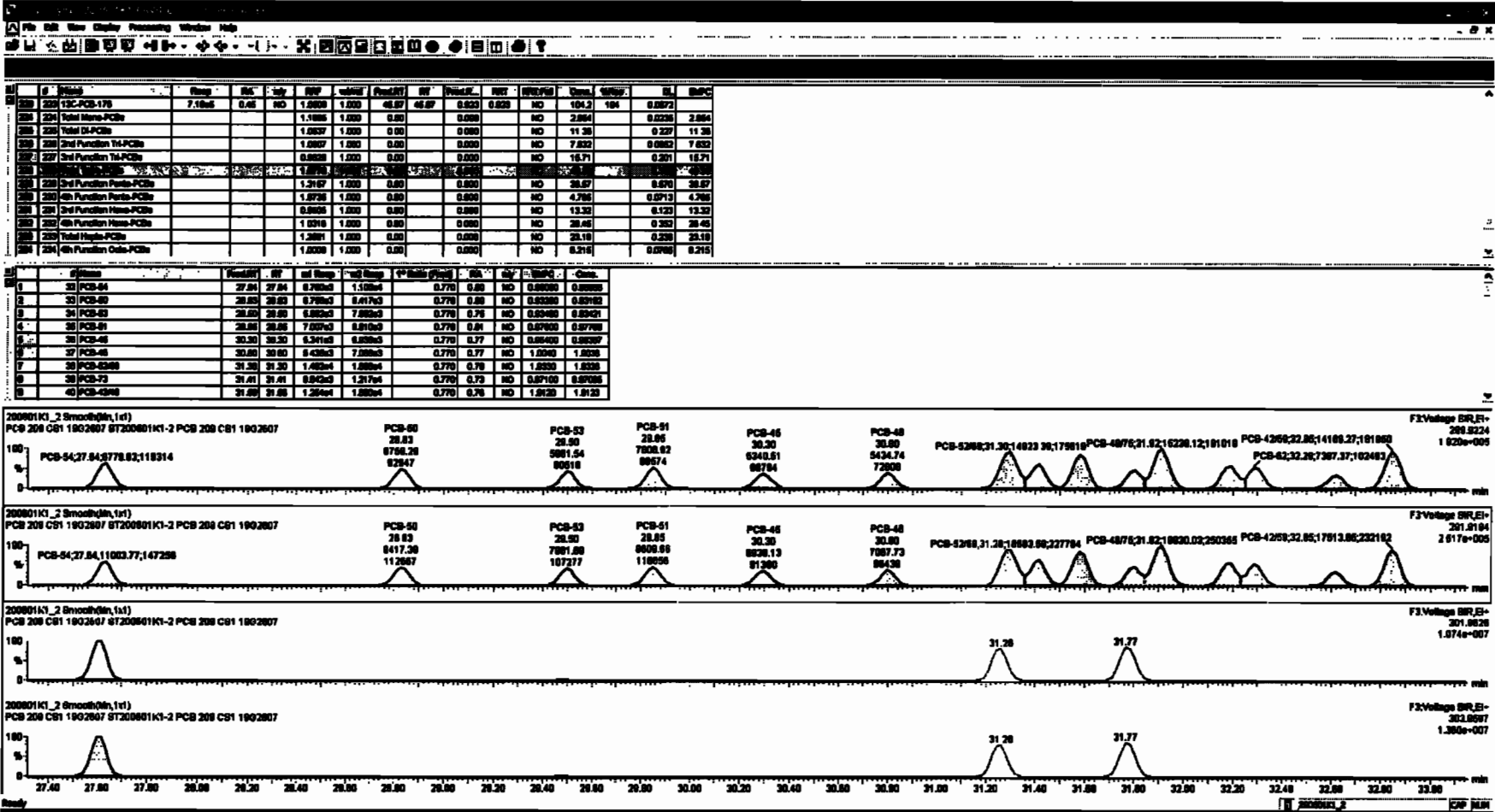
13C-PCB-52

200601K1_2



200601K1_2





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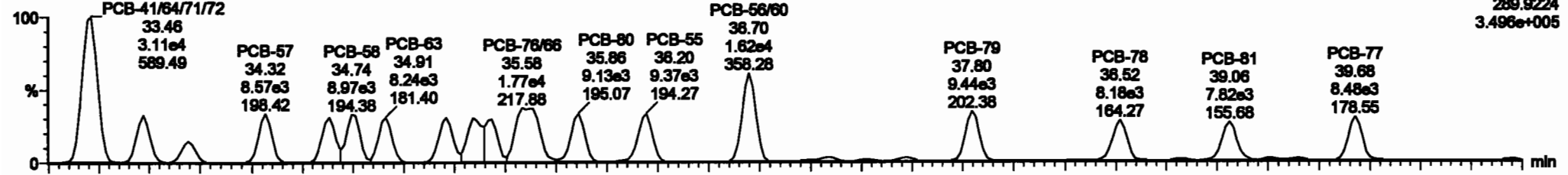
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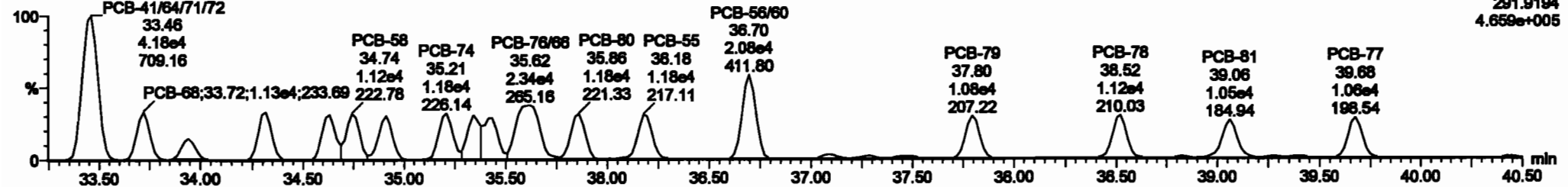
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PCB-68

200601K1_2

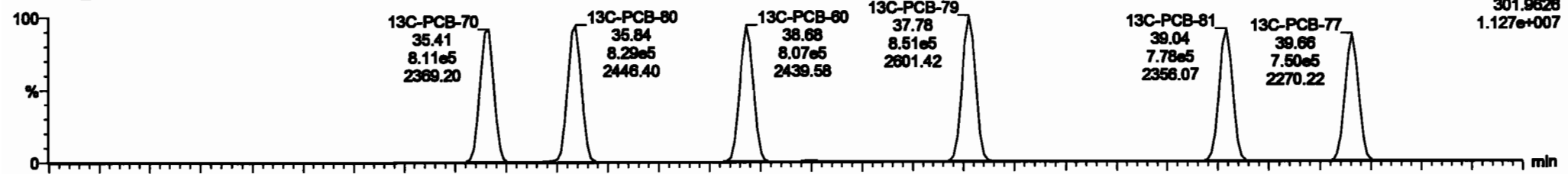


200601K1_2

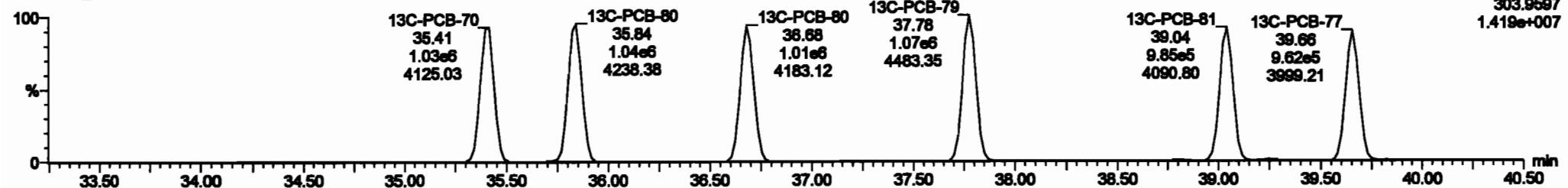


13C-PCB-60

200601K1_2

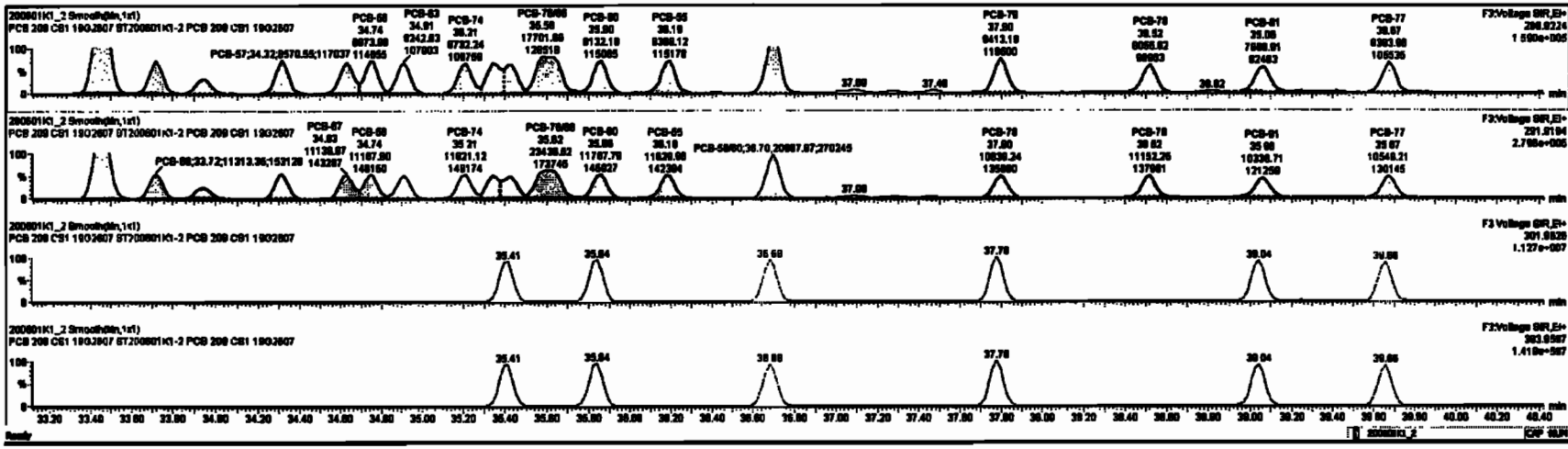


200601K1_2



#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdID	RFV	RFV Full	Comp	Qty	SL	RFPC
220	13C-PCB-170	7.10nd	0.05	NO	1.0000	1.000	46.67	46.67	0.000	0.000	NO	104.3	104	0.0072	
221	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.884		0.0238	2.884
222	Total Et-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
223	2nd Function TM-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.800		0.0000	7.800
224	2nd Function TM-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	15.71		0.201	15.71
225	3rd Function Para-PCBs				1.2167	1.000	0.00	0.00	0.000	0.000	NO	38.67		0.870	38.67
226	4th Function Para-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	NO	4.788		0.0713	4.788
227	2nd Function Para-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	NO	13.30		0.120	13.30
228	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	38.40		0.380	38.40
229	Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	23.18		0.238	23.18
230	4th Function Para-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	8.918		0.0780	8.918

#	Material	Step	RA	Qty	RFV	Value	ProdID	ET	ProdID	RFV	RFV Full	Comp	Qty	SL	RFPC
1	PCB-04		27.84	27.84	0.780nd	1.700nd		0.770	0.80	NO	0.00000	0.00000			
2	PCB-05		28.80	28.80	0.780nd	8.417nd		0.770	0.80	NO	0.00000	0.00163			
3	PCB-03		28.80	28.80	0.800nd	7.800nd		0.770	0.76	NO	0.00000	0.00021			
4	PCB-01		28.80	28.80	7.000nd	0.010nd		0.770	0.81	NO	0.00000	0.00768			
5	PCB-06		30.30	30.30	0.341nd	0.000nd		0.770	0.77	NO	0.00000	0.00007			
6	PCB-08		30.00	30.00	0.430nd	7.000nd		0.770	0.77	NO	1.00000	1.00000			
7	PCB-02000		31.20	31.20	1.400nd	1.000nd		0.770	0.78	NO	1.00000	1.00000			
8	PCB-22		31.01	31.01	0.000nd	1.217nd		0.770	0.73	NO	0.00100	0.00000			

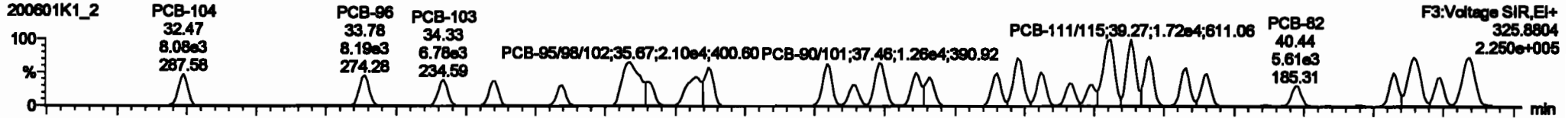


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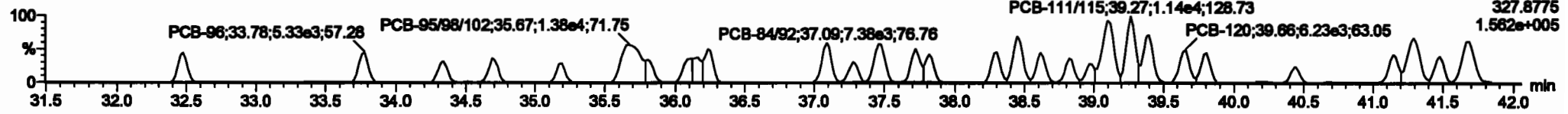
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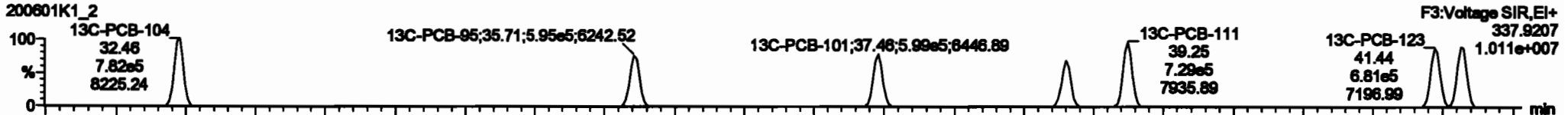
PCB-104



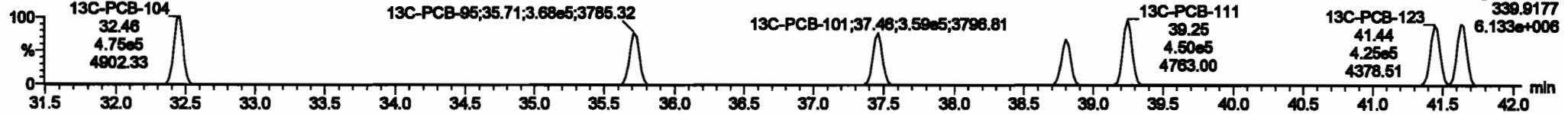
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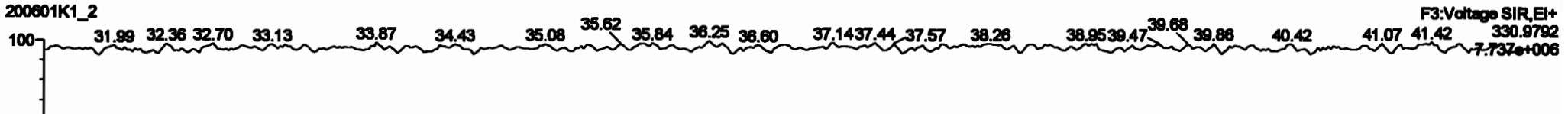
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200601K1_2



PFK3b

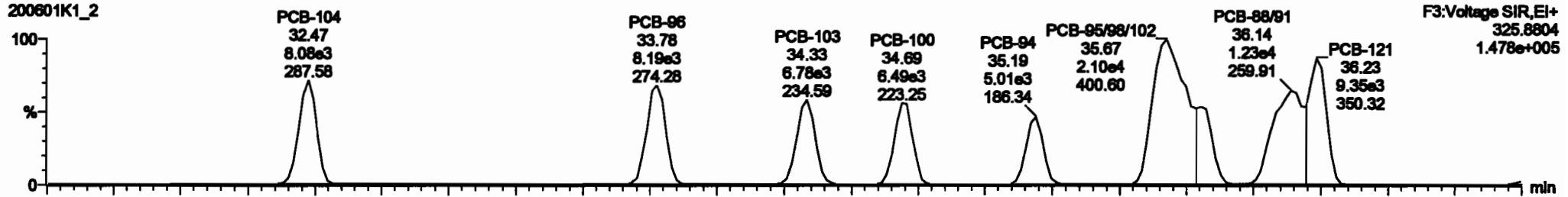


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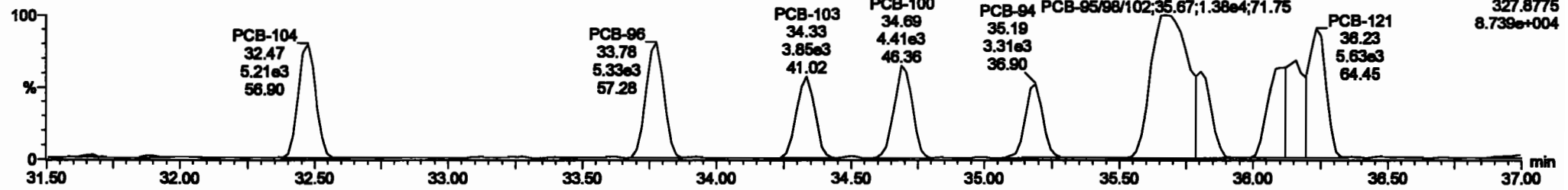
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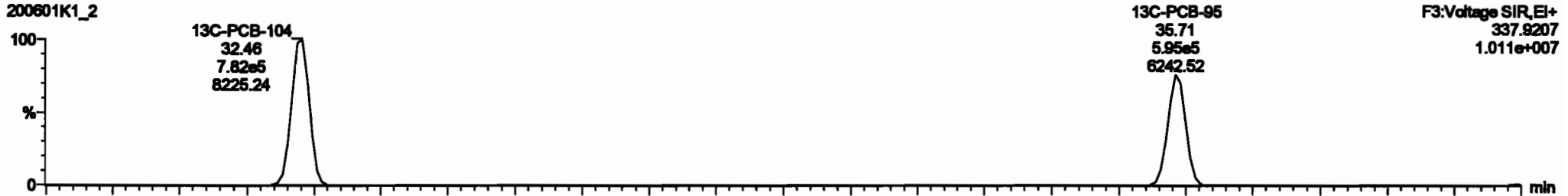
PCB-96



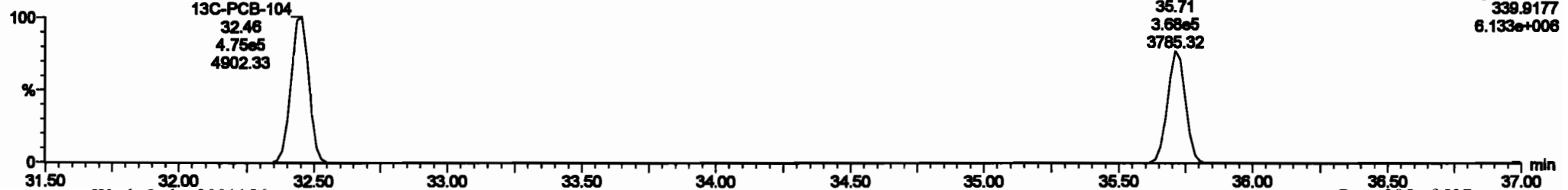
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13C-PCB-95

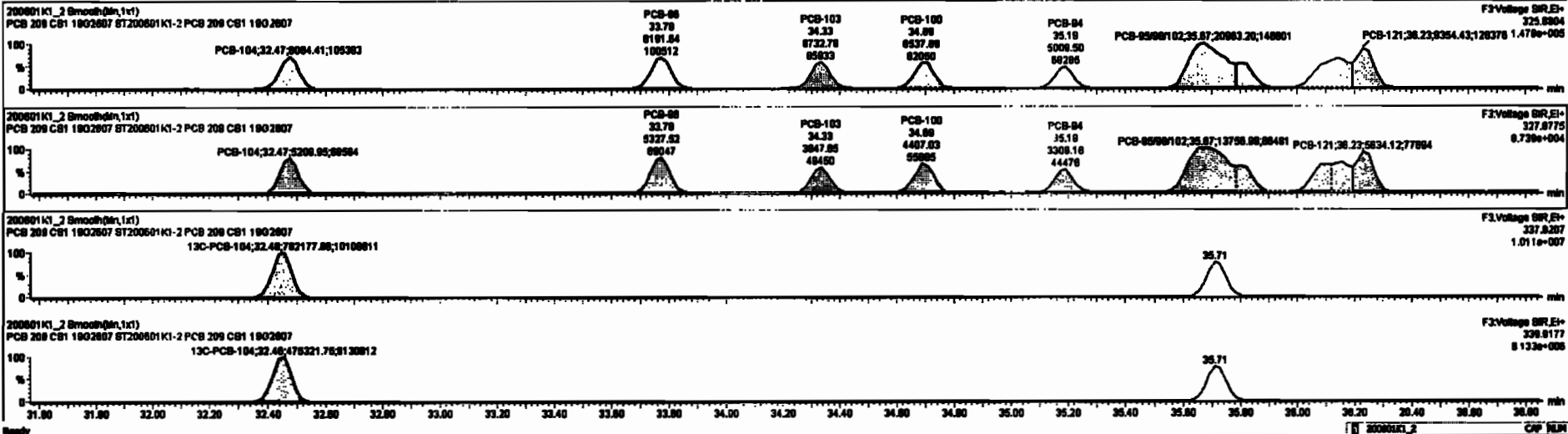


200601K1_2



#	Name	Step	PA	Qty	QSP	Unit	Prod RT	RT	Pass	Yield	QRT Fail	Cont.	Units	DL	EMPC
223	13C-PCB-178	7.1Inch	0.45	NO	1.2000	1.000	46.87	46.87	0.920	0.920	NO	104.2	104	0.0072	
224	Total Micro-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	2.864		0.0200	2.864
225	Total Di-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	11.38		0.227	11.38
226	2nd Function Tri-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.832		0.0000	7.832
227	3rd Function Tri-PCBs				0.8820	1.000	0.00	0.00	0.000	0.000	NO	16.71		0.201	16.71
228	Total Tri-PCBs				1.8770	1.000	0.00	0.00	0.000	0.000	NO	40.38		0.302	40.38
229	4th Function Quad-PCBs				1.2000	1.000	0.00	0.00	0.000	0.000	NO	30.87		0.070	30.87
230	5th Function Quad-PCBs				1.0735	1.000	0.00	0.00	0.000	0.000	NO	4.785		0.0713	4.785
231	2nd Function Hexa-PCBs				0.8800	1.000	0.00	0.00	0.000	0.000	NO	13.32		0.123	13.32
232	4th Function Hexa-PCBs				1.0218	1.000	0.00	0.00	0.000	0.000	NO	26.46		0.382	26.46
233	Total Hexa-PCBs				1.9018	1.000	0.00	0.00	0.000	0.000	NO	39.19		0.238	39.19
234	2nd 4th Function Octa-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	NO	8.970		0.0700	8.970

#	Name	Step	PA	Qty	QSP	Unit	Prod RT	RT	Pass	Yield	QRT Fail	Cont.	Units	DL	EMPC
64	PCB-104				32.47	32.47	0.000e0	0.210e3	1.000	1.00	NO	0.04300	0.04218		
65	PCB-88				33.78	33.78	0.102e3	0.320e3	1.000	1.04	NO	0.03200	0.03176		
66	PCB-103				34.33	34.33	0.723e3	3.800e3	1.000	1.75	NO	0.00000	0.00004		
67	PCB-100				34.88	34.88	0.030e3	4.407e3	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	2.8828	2.8822		
70	PCB-88				36.78	36.78	0.282e3	3.332e3	1.000	1.88	NO	0.00700	0.00728		
71	PCB-8801				38.14	38.14	1.220e4	0.007e3	1.000	1.82	NO	1.8780	1.8781		

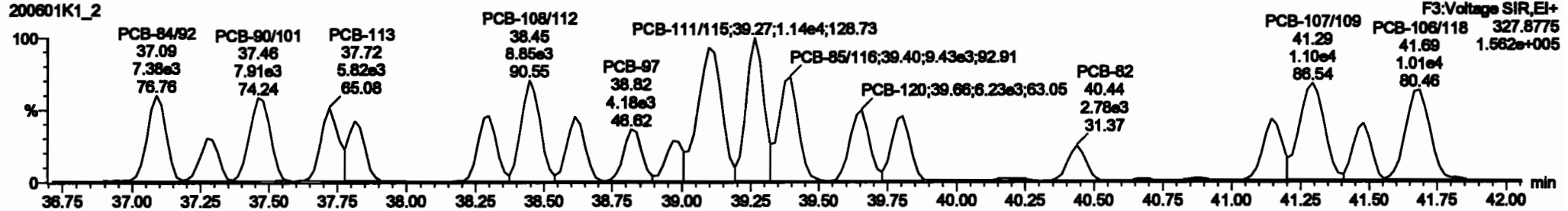
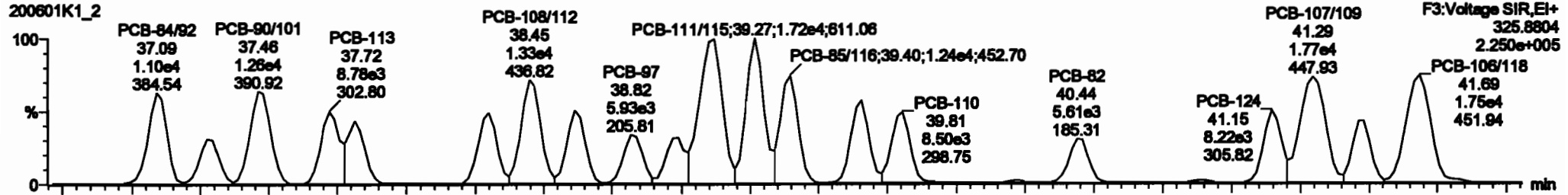


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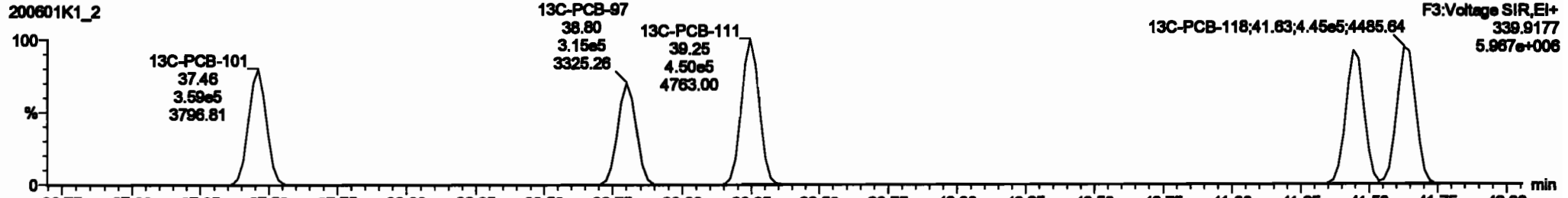
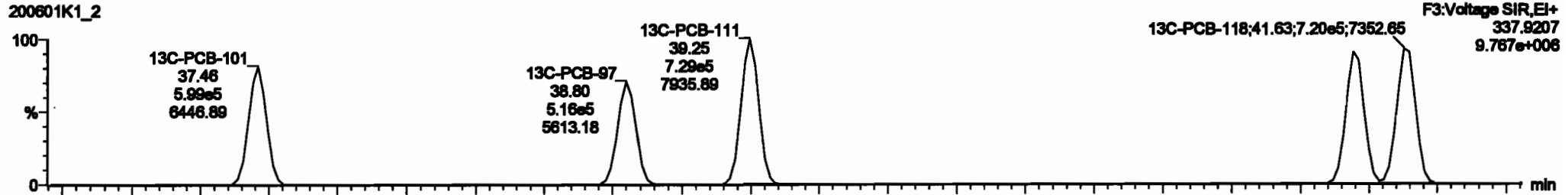
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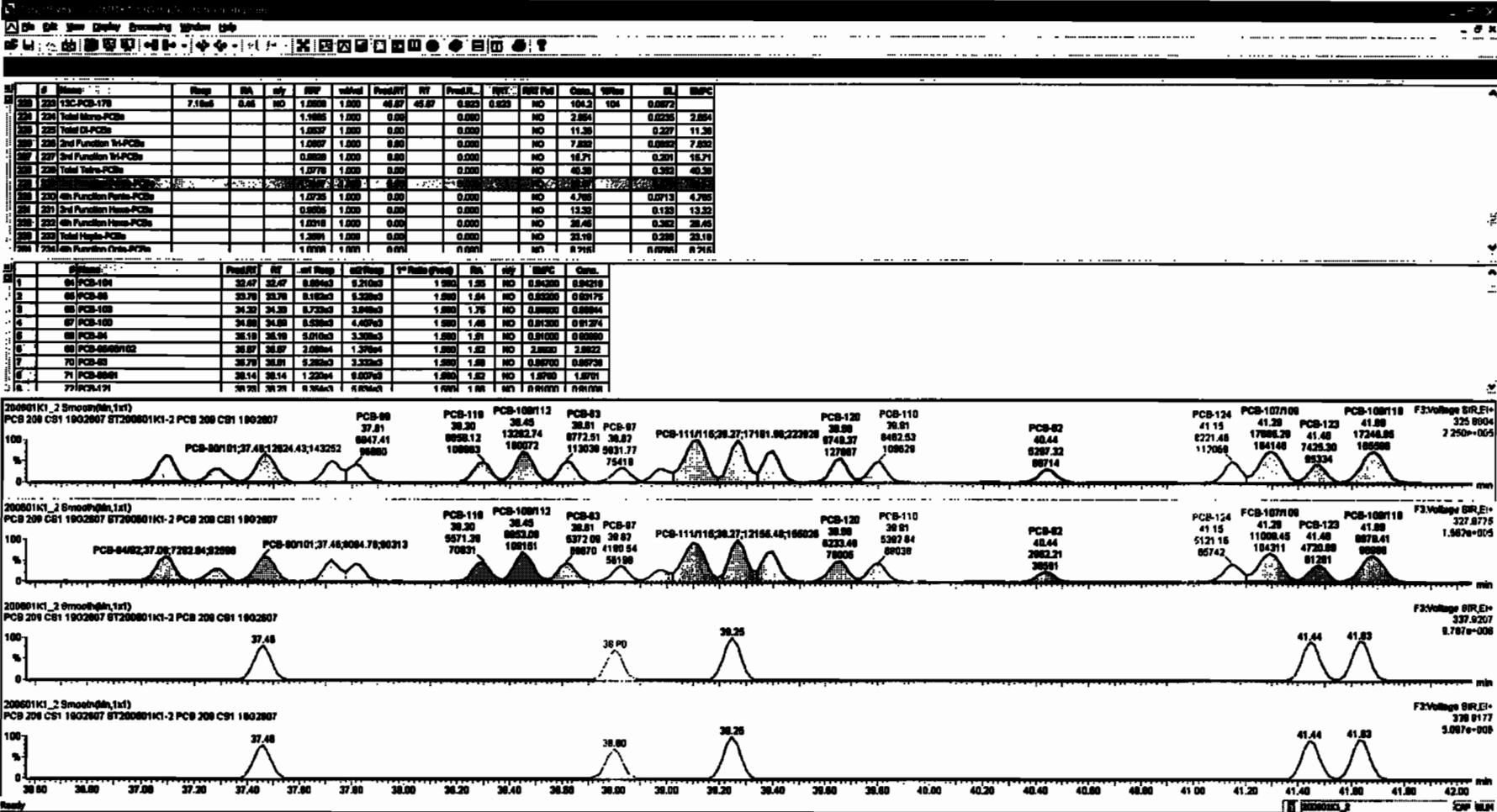
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PCB-119



13C-PCB-111



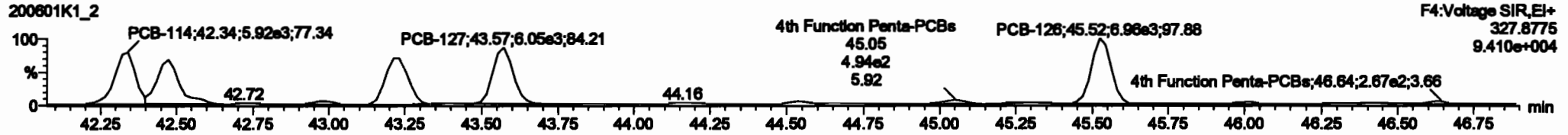
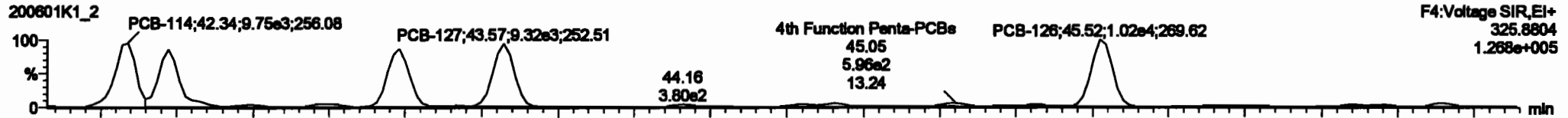


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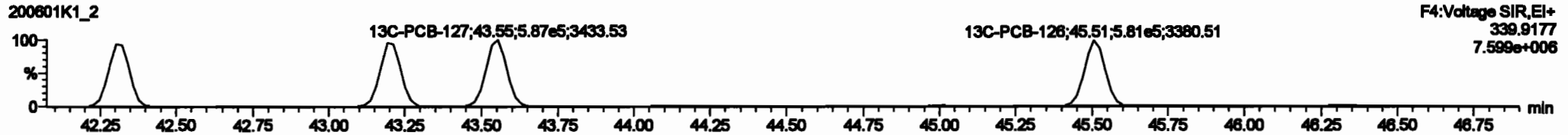
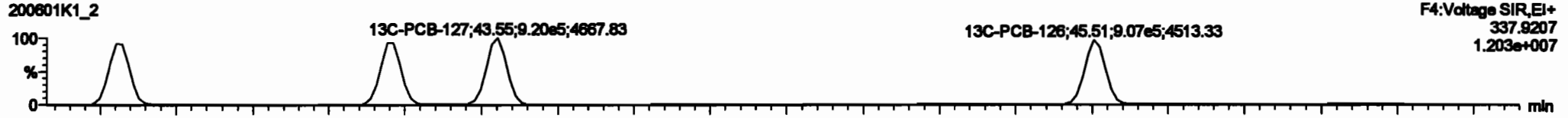
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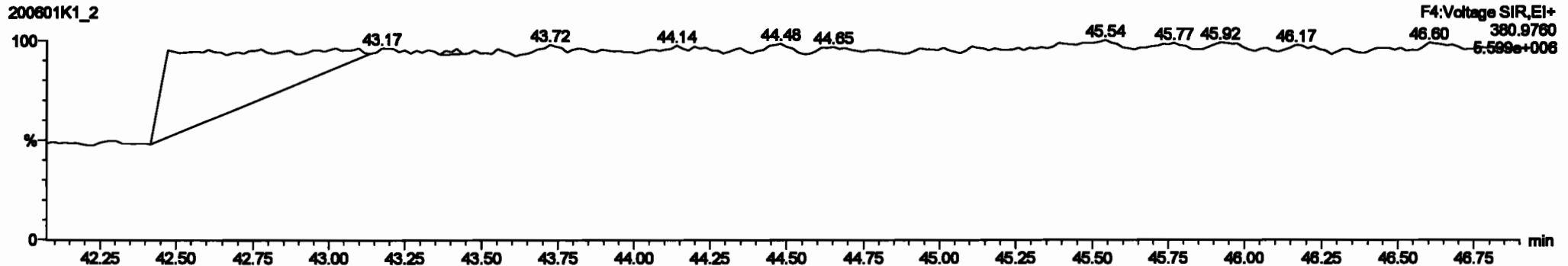
PCB-114



13C-PCB-114

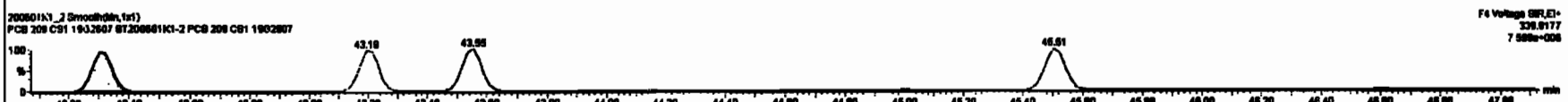
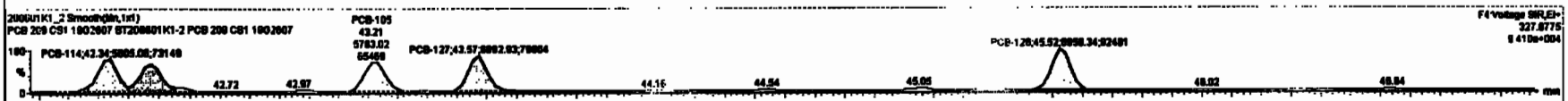
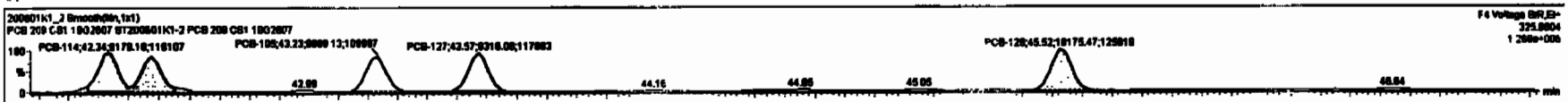


PFK4a



#	Name	Area	RA	Wt	FWT	Subst	ProdRT	RT	ProdSt	FWT	MS-PSI	Comp	MS-PSI	ES	MS-PC
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				1.1886	1.000	0.00	0.000			NO	2.804		0.0206	2.804
226	Total Di-PCBs				1.0037	1.000	0.00	0.000			NO	11.38		0.327	11.38
228	Total Tri-PCBs				1.0007	1.000	0.00	0.000			NO	7.832		0.0002	7.832
229	2nd Puriton Tri-PCBs				0.0020	1.000	0.00	0.000			NO	16.71		0.301	16.71
230	Total Tetra-PCBs				1.0770	1.000	0.00	0.000			NO	40.38		0.302	40.38
231	2nd Puriton Tetra-PCBs				1.2167	1.000	0.00	0.000			NO	38.67		0.670	38.67
232	Total Penta-PCBs				1.0000	1.000	0.00	0.000			NO	13.32		0.123	13.32
233	2nd Puriton Penta-PCBs				0.0000	1.000	0.00	0.000			NO	28.48		0.302	28.48
234	Total Hexa-PCBs				1.0016	1.000	0.00	0.000			NO	23.10		0.320	23.10
235	2nd Puriton Hexa-PCBs				1.0001	1.000	0.00	0.000			NO	8.918		0.0001	8.918

#	Name	Area	RT	MS-PSI	MS-PC	FWT	Subst	ProdRT	RT	ProdSt	FWT	MS-PSI	Comp	MS-PC
1	53 PCB-114	42.35	42.34	0.170e3	0.020e3	1.000	1.04	NO	0.00100	0.00102				
2	54 PCB-122	42.47	42.47	0.200e3	0.111e3	1.000	1.00	NO	0.00700	0.00691				
3	60 PCB-108	43.31	43.23	0.030e3	0.703e3	1.000	1.00	NO	0.00700	0.00711				
4	60 PCB-127	43.57	43.57	0.310e3	0.003e3	1.000	1.03	NO	0.00000	0.00032				
5	67 PCB-128	45.82	45.82	1.010e4	0.000e3	1.000	1.00	NO	0.00200	0.00210				



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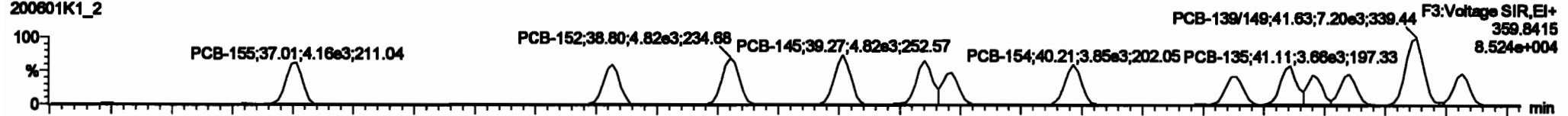
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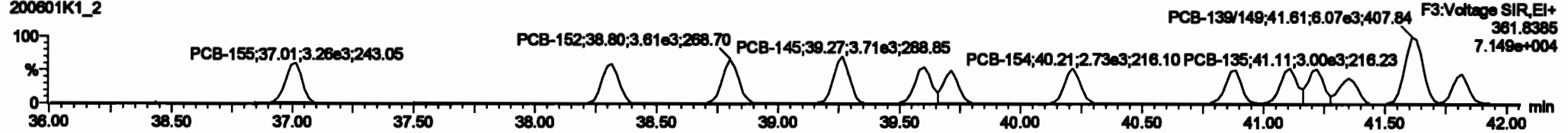
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PCB-155

200601K1_2

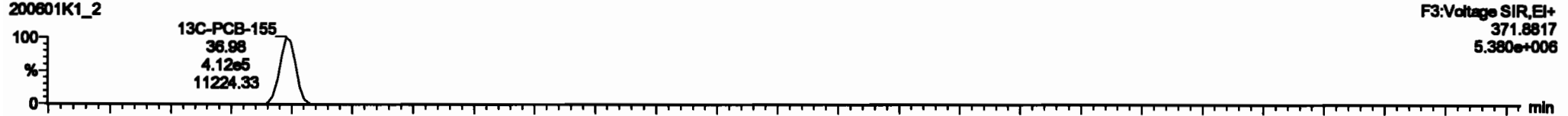


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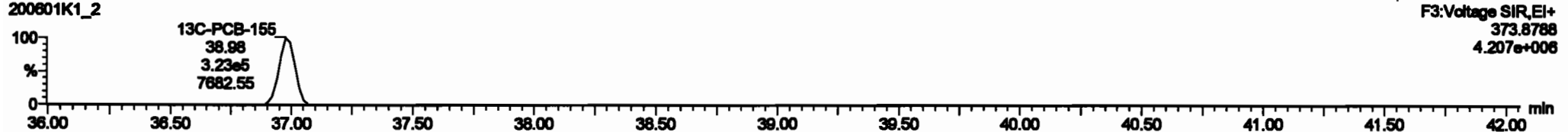


13C-PCB-155

200601K1_2

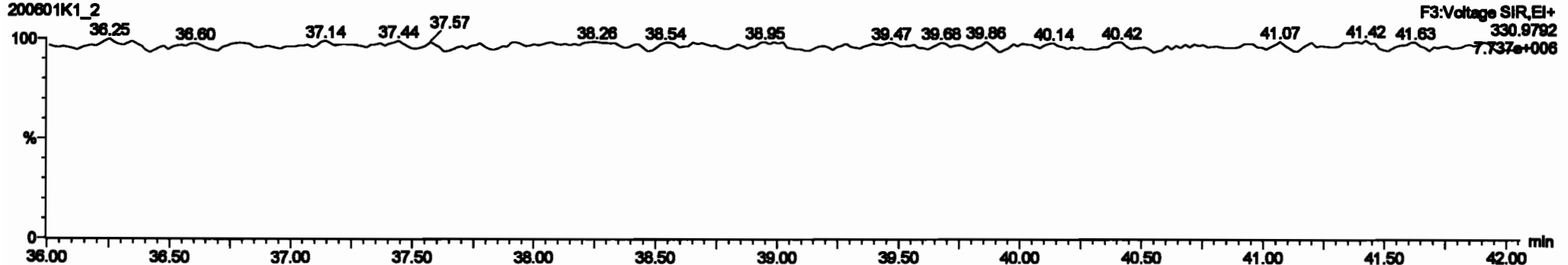


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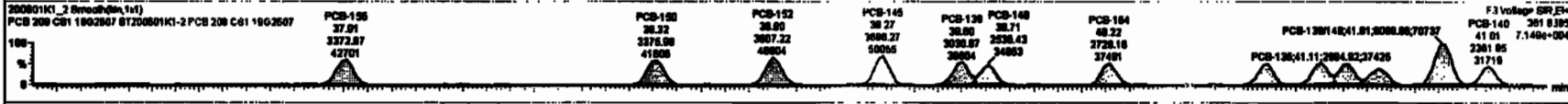
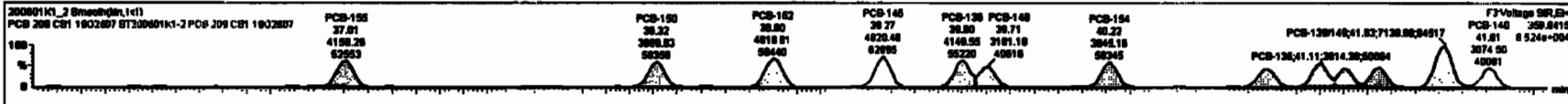
PFK3c

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				
230	Total Tetra-PCBs				1.0770	1.000	0.00	0.00	0.000	0.000	ND	48.30		0.362	48.30				
232	2nd Function Penta-PCBs				1.3107	1.000	0.00	0.00	0.000	0.000	ND	38.07		0.076	38.07				
233	3rd Function Penta-PCBs				1.0726	1.000	0.00	0.00	0.000	0.000	ND	4.788		0.0712	4.788				
234	4th Function Penta-PCBs				0.0000	1.000	0.00	0.00	0.000	0.000	ND	0.000		0.000	0.000				
235	Total Hexa-PCBs				1.0718	1.000	0.00	0.00	0.000	0.000	ND	28.48		0.202	28.48				
236	Total Hepta-PCBs				1.0001	1.000	0.00	0.00	0.000	0.000	ND	23.18		0.208	23.18				
237	2nd 4th Function Octa-PCBs				1.0708	1.000	0.00	0.00	0.000	0.000	ND	8.718		0.0760	8.718				

#	Name	Preval	Post	Volts	Preval	Post	Volts	Preval	Post	Volts	Preval	Post	Volts	Preval	Post	Volts	Preval	Post
88	PCB-188	38.88	37.81	4.188e3	3.27e3	1.240	1.29	ND	0.89180	0.89137								
89	PCB-189	38.33	38.33	3.888e3	3.37e3	1.240	1.18	ND	0.91280	0.91238								
90	PCB-192	38.88	38.88	4.817e3	3.807e3	1.240	1.24	ND	0.88880	0.88881								
101	PCB-145	38.27	38.27	4.828e3	3.88e3	1.240	1.21	ND	0.87480	0.87388								
102	PCB-138	38.88	38.88	4.188e3	3.81e3	1.240	1.27	ND	0.89080	0.88978								
103	PCB-148	38.71	38.71	3.188e3	2.58e3	1.240	1.28	ND	0.89880	0.89888								
104	PCB-158	48.21	48.21	3.88e3	2.78e3	1.240	1.41	ND	0.87280	0.87218								
105	PCB-161	48.88	48.88	3.88e3	2.88e3	1.240	1.16	ND	1.00010	1.00008								
106	PCB-138	41.11	41.11	3.81e3	2.88e3	1.240	1.27	ND	1.00040	1.00044								

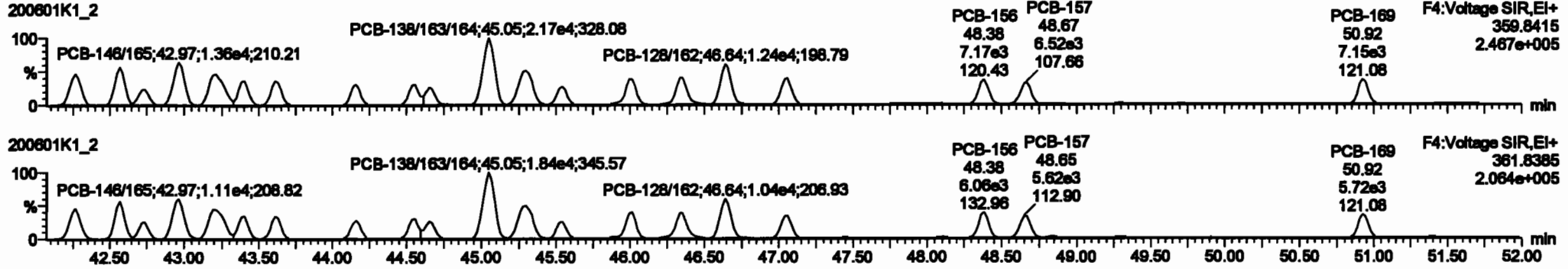


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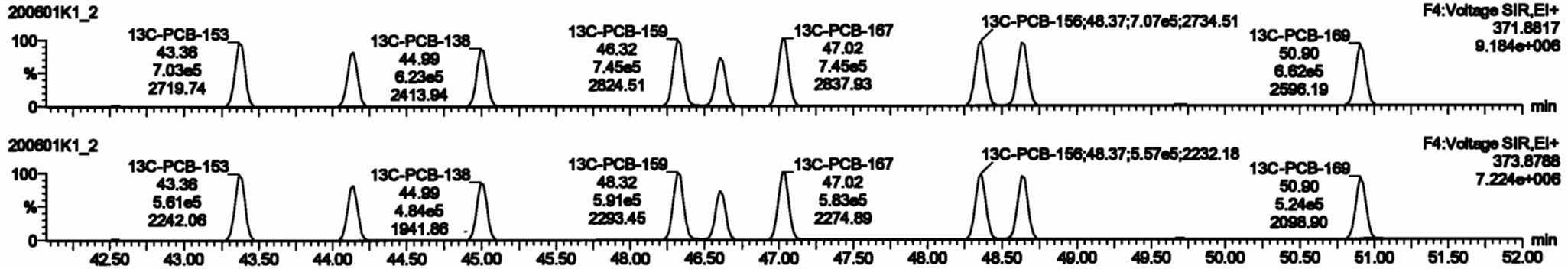
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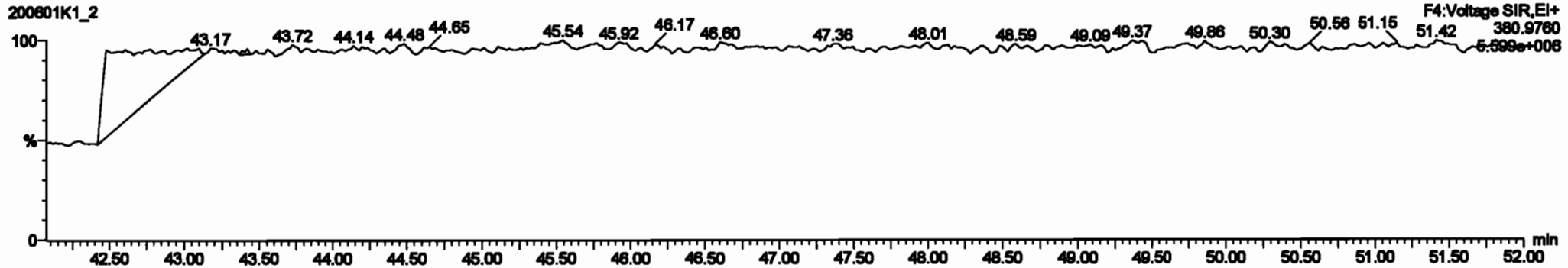
PCB-134/143



13C-PCB-153

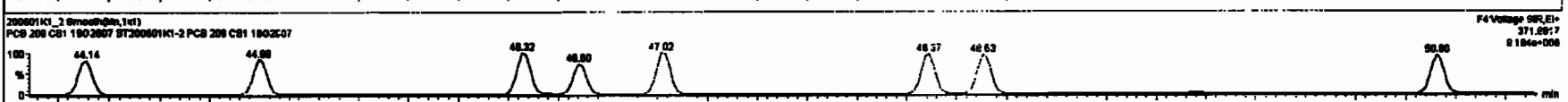
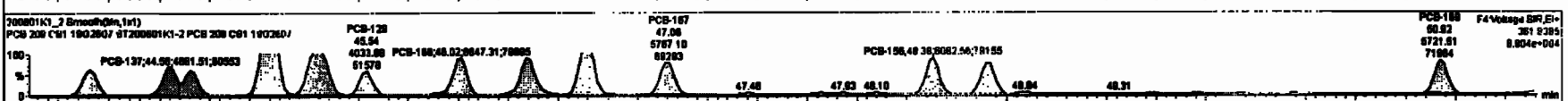
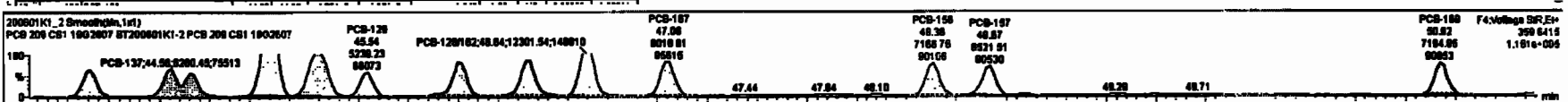


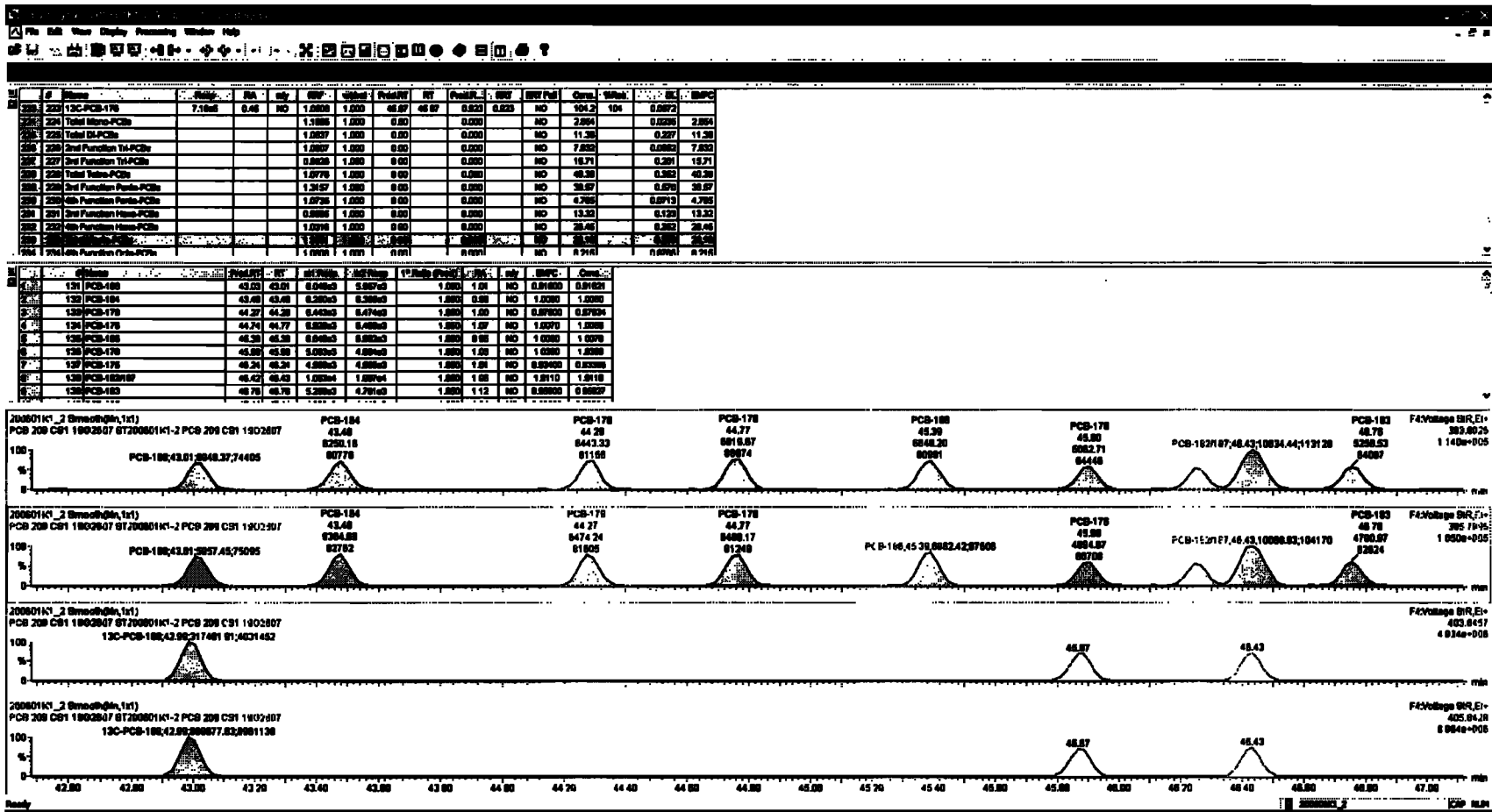
PFK4b



#	Name	Mass	BA	CF	NPF	Initial	Final/RT	RT	PeakLT	RET	RTT	Peak	Area	Chains	GC	GC	GPC
220	12C-PCB-176	7.18e5	0.46	NO	1.0000	1.000	46.67	46.67	0.020	0.020	NO	104.2	104	0.0072			
221	Total Mono-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	2.884	2.884	0.0200	2.884		
222	Total Di-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	11.30	11.30	0.227	11.30		
223	2nd Furthest Tri-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	7.832	7.832	0.0002	7.832		
224	2nd Furthest Tetra-PCBs				0.8800	1.000	0.00	0.000	0.000	0.000	NO	18.71	18.71	0.281	18.71		
225	Total Tetra-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	40.38	40.38	0.282	40.38		
226	2nd Furthest Penta-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	38.07	38.07	0.070	38.07		
227	3rd Furthest Penta-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	4.780	4.780	0.0713	4.780		
228	4th Furthest Penta-PCBs				0.8800	1.000	0.00	0.000	0.000	0.000	NO	13.32	13.32	0.123	13.32		
229	Total Hexa-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	20.07	20.07	0.123	20.07		
230	Total Hepta-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	23.18	23.18	0.230	23.18		
231	4th Furthest Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	8.916	8.916	0.0091	8.916		

#	Retention	PeakLT	RT	Area	Height	Width	Area%	Height%	Area	Height	Area%	Height%	Area	Height	Area%	Height%
111	PCB-126A43	42.26	42.26	9.80e3	0.00e3		1.24	1.24	NO	1.0000	1.0010					
112	PCB-131A33	42.50	42.57	1.05e4	0.07e3		1.24	1.22	NO	1.0000	1.0010					
113	PCB-142	42.73	42.74	4.81e3	3.97e3		1.24	1.24	NO	0.9300	0.9300					
114	PCB-148A08	42.87	42.87	1.20e4	1.11e4		1.24	1.22	NO	1.0000	1.0000					
115	PCB-132A08	43.20	43.21	1.20e4	1.12e4		1.24	1.18	NO	1.0000	1.0000					
116	PCB-163	43.58	43.41	7.23e3	5.74e3		1.24	1.26	NO	0.8800	0.8800					
117	PCB-168	43.81	43.81	7.20e3	5.88e3		1.24	1.30	NO	0.9400	0.9400					
118	PCB-141	44.18	44.18	5.74e3	4.48e3		1.24	1.28	NO	0.9100	0.9100					
119	PCB-137	44.88	44.90	8.20e3	4.80e3		1.24	1.34	NO	0.9200	0.9200					





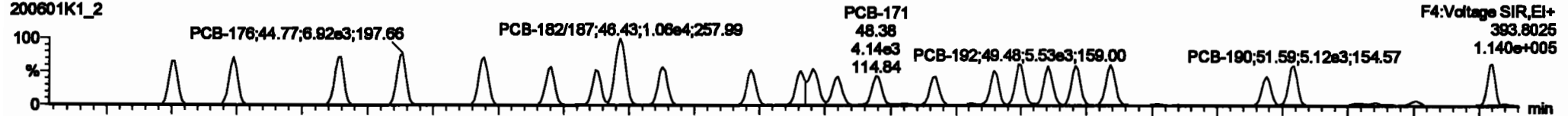
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

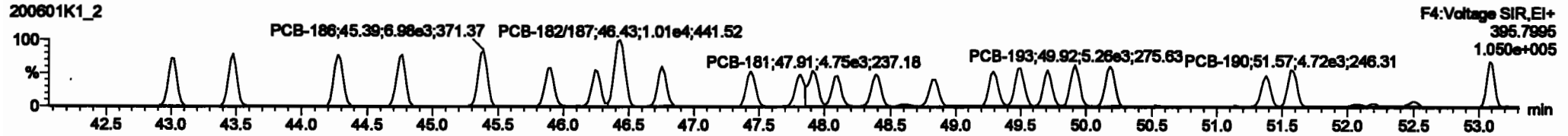
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PCB-188

200601K1_2

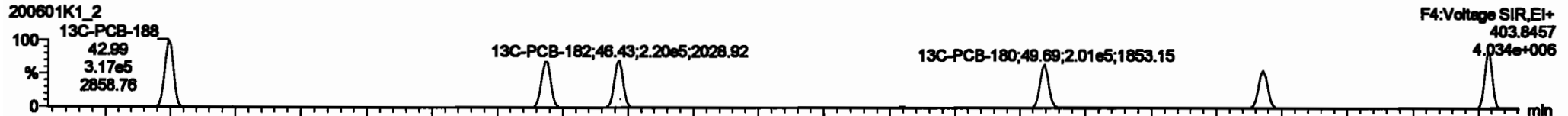


200601K1_2

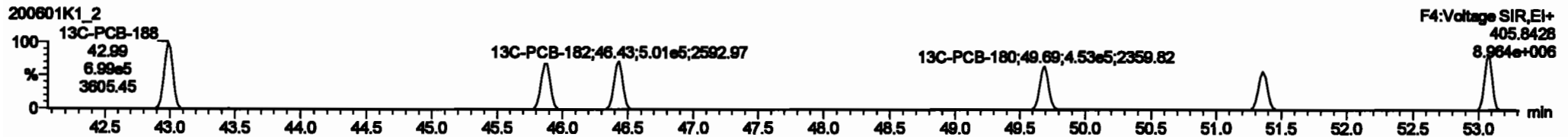


13C-PCB-188

200601K1_2

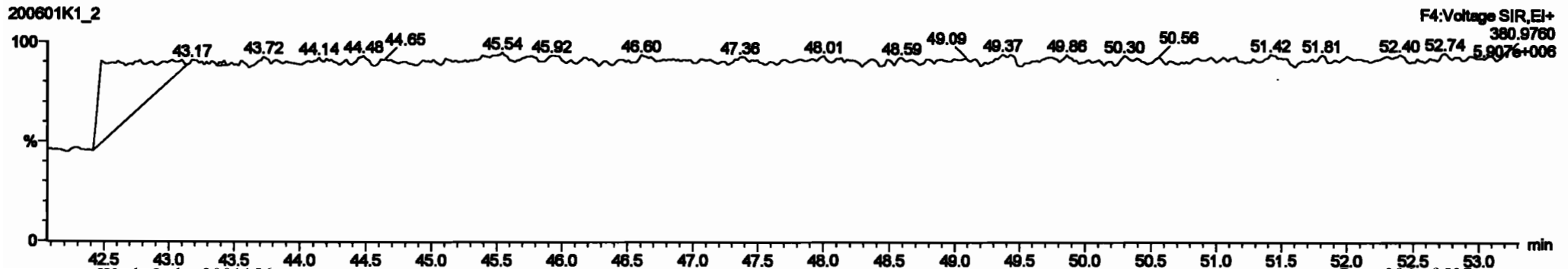


200601K1_2



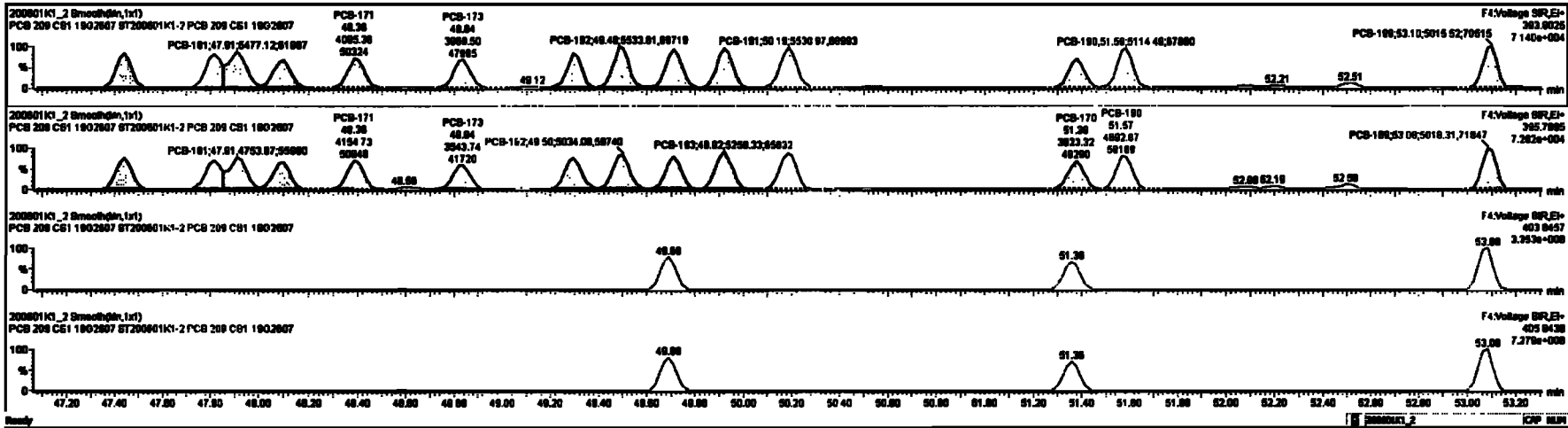
PFK4c

200601K1_2



Peak	Area	Height	Width	Retention	Conc.	Time	DL	BPFC
220	13C-PCB-178	7.18e5	0.45	ND	1.0000	1.000	46.87	46.87
221	Total Mono-PCBs				1.1886	1.000	0.00	0.00
222	Total Di-PCBs				1.0537	1.000	0.00	0.00
223	2nd Function Tri-PCBs				1.0667	1.000	0.00	0.00
224	3rd Function Tri-PCBs				0.8528	1.000	0.00	0.00
225	Total Tetra-PCBs				1.0778	1.000	0.00	0.00
226	2nd Function Penta-PCBs				1.2167	1.000	0.00	0.00
227	3rd Function Penta-PCBs				1.0735	1.000	0.00	0.00
228	4th Function Penta-PCBs				0.8805	1.000	0.00	0.00
229	5th Function Hexa-PCBs				1.0518	1.000	0.00	0.00
230	6th Function Hexa-PCBs				1.2208	1.000	0.00	0.00
231	7th Function Octa-PCBs				1.0978	1.000	0.00	0.00

Peak	Area	Height	Width	Retention	Conc.	Time	DL	BPFC
131	PCB-168	43.03	43.01	0.05e3	0.807e3	1.000	1.21	ND
132	PCB-164	43.48	43.48	0.20e3	0.20e3	1.000	0.88	ND
133	PCB-176	44.27	44.28	0.44e3	0.47e3	1.000	1.83	ND
134	PCB-178	44.74	44.77	0.82e3	0.48e3	1.000	1.07	ND
135	PCB-168	46.28	46.28	0.84e3	0.82e3	1.000	0.88	ND
136	PCB-178	46.88	46.88	0.05e3	4.88e3	1.000	1.83	ND
137	PCB-176	48.24	48.24	4.88e3	4.88e3	1.000	1.01	ND
138	PCB-182/187	48.42	48.42	1.00e4	1.00e4	1.000	1.88	ND
139	PCB-183	48.78	48.78	0.20e3	4.70e3	1.000	1.12	ND



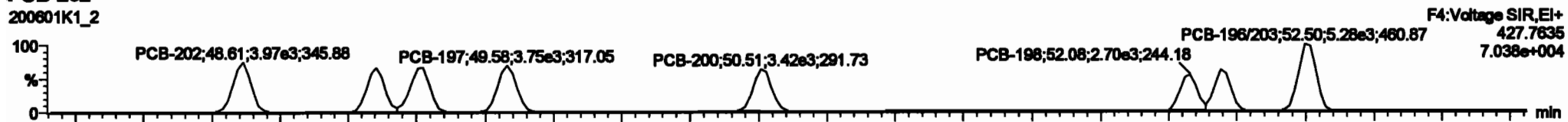
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

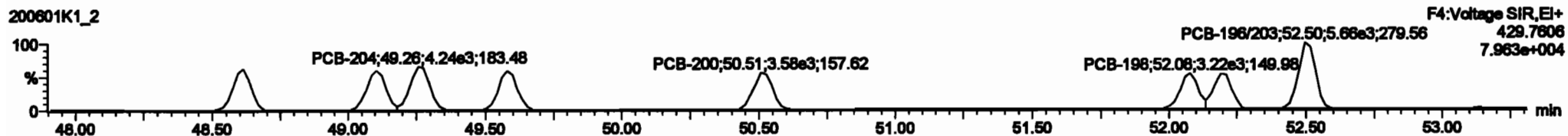
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PCB-202

200601K1_2



200601K1_2

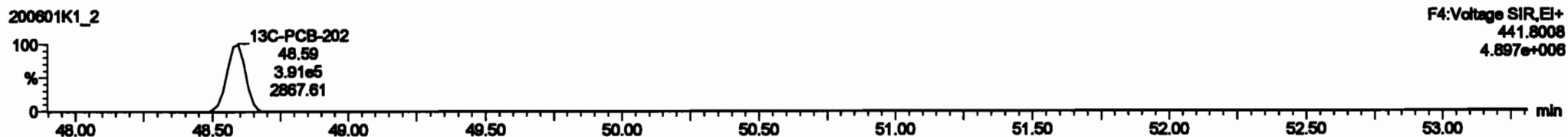


13C-PCB-202

200601K1_2

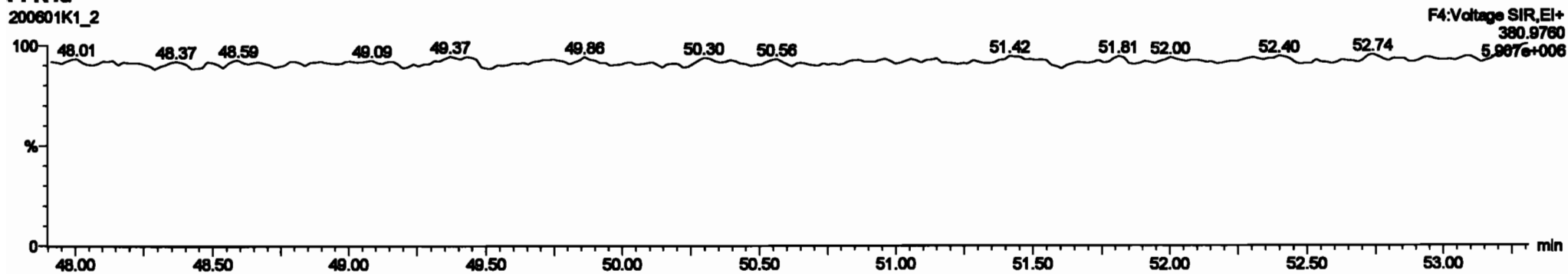


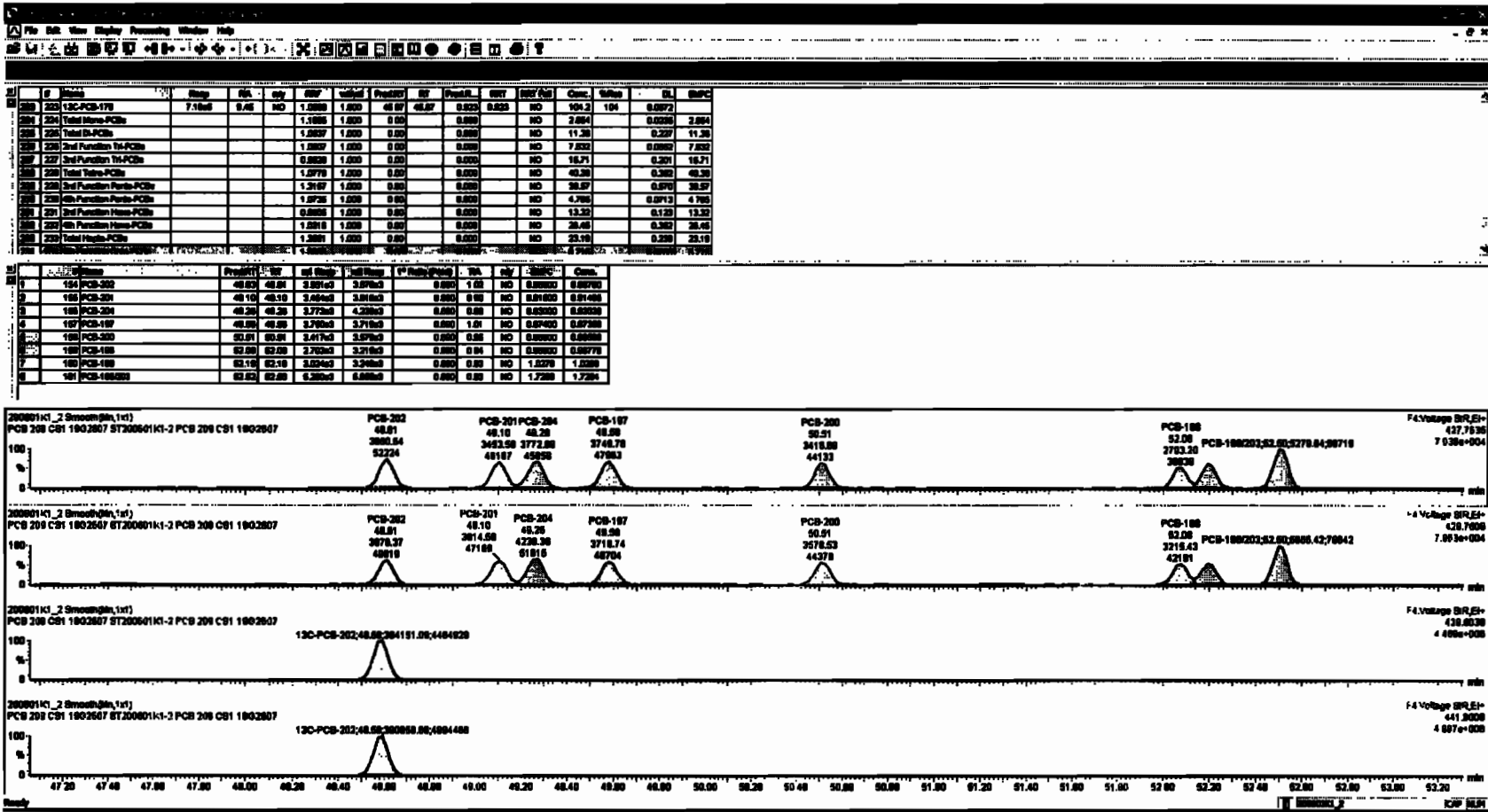
200601K1_2



PFK4d

200601K1_2





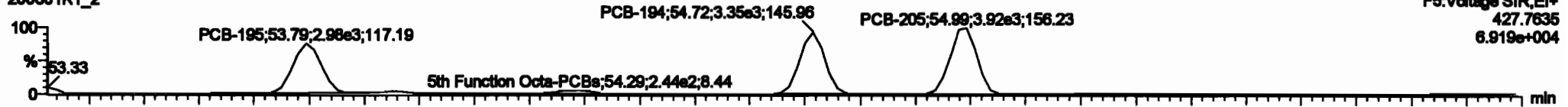
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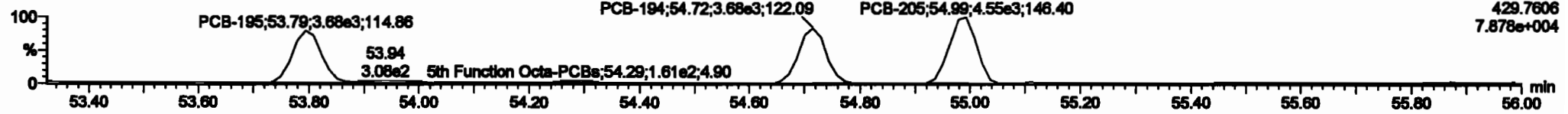
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PCB-195

200601K1_2

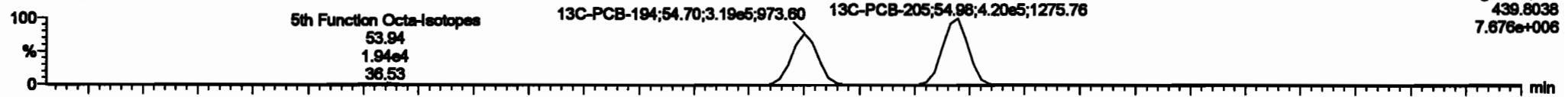


200601K1_2

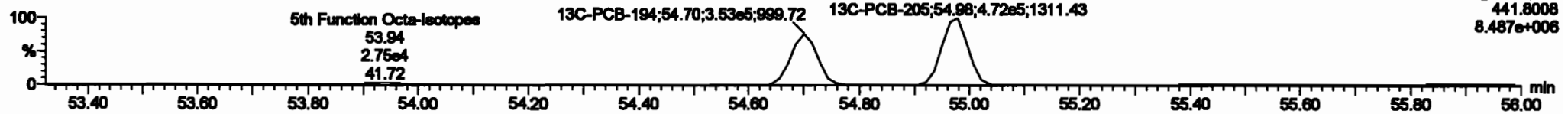


13C-PCB-194

200601K1_2

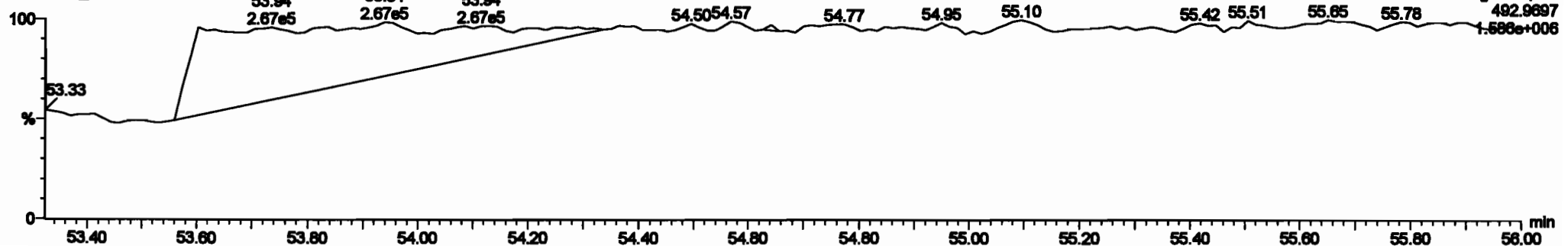


200601K1_2



PFK5a

200601K1_2



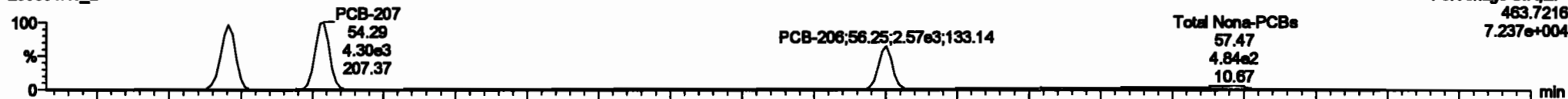
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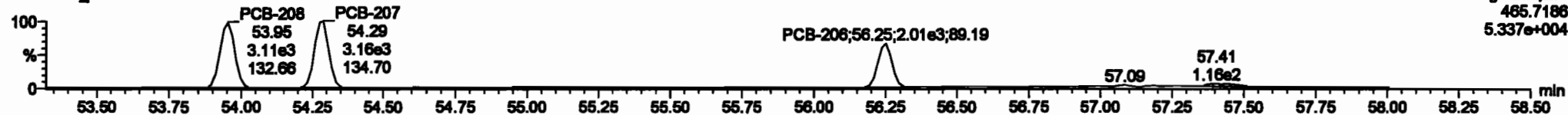
PCB-208

200601K1_2



F5:Voltage SIR,EI+
463.7216
7.237e+004

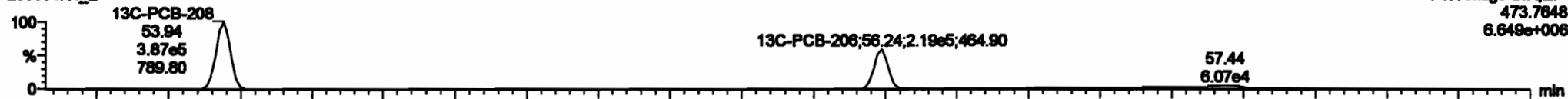
200601K1_2



F5:Voltage SIR,EI+
465.7186
5.337e+004

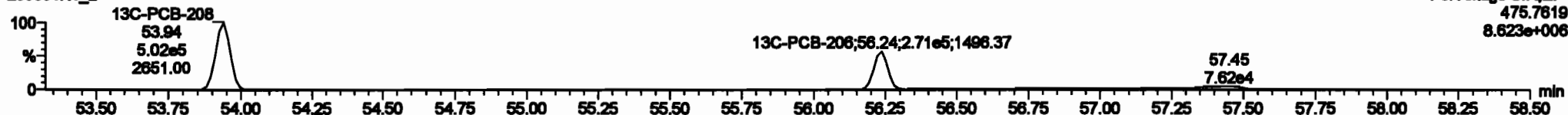
13C-PCB-208

200601K1_2



F5:Voltage SIR,EI+
473.7848
6.649e+006

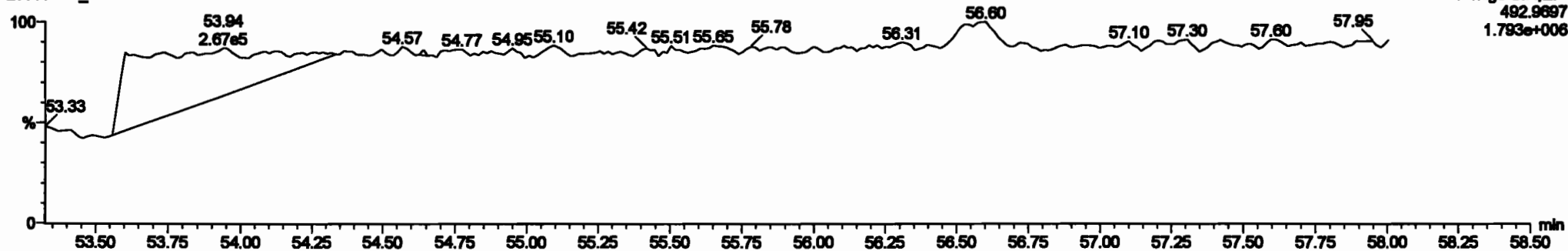
200601K1_2



F5:Voltage SIR,EI+
475.7819
8.623e+006

PFK5

200601K1_2



F5:Voltage SIR,EI+
492.9697
1.793e+006

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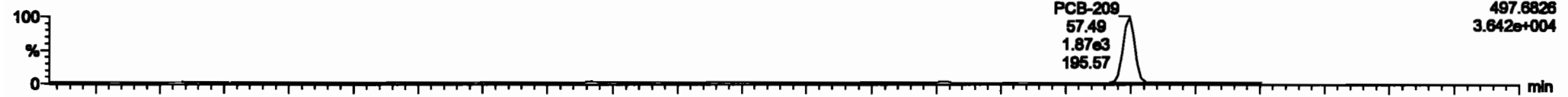
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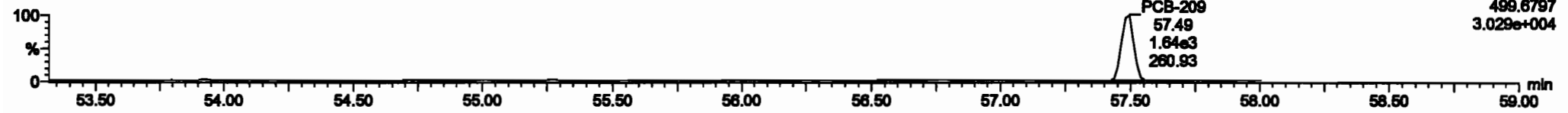
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PCB-209

200601K1_2

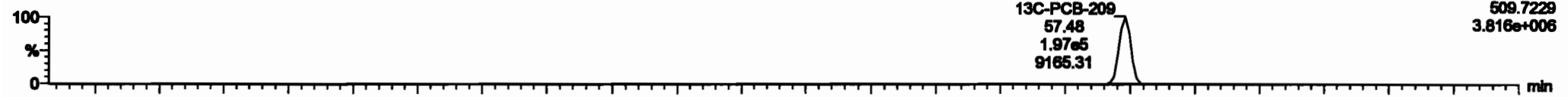


200601K1_2

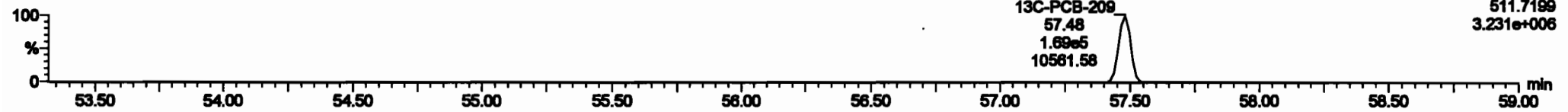


13C-PCB-209

200601K1_2

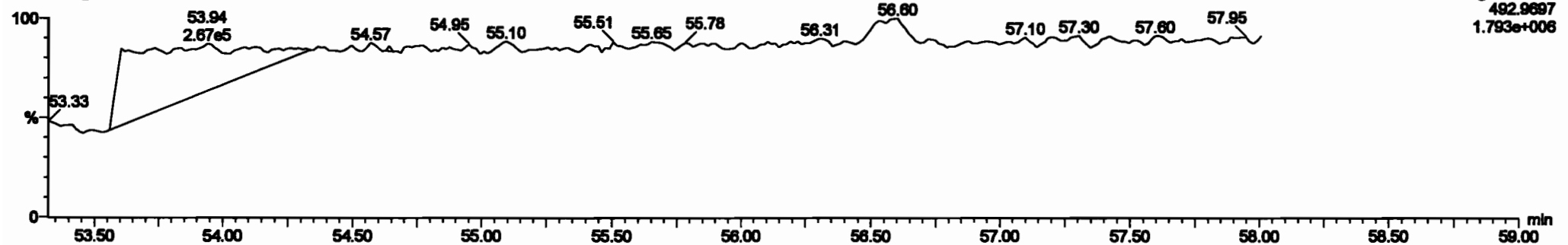


200601K1_2



PFK5b

200601K1_2



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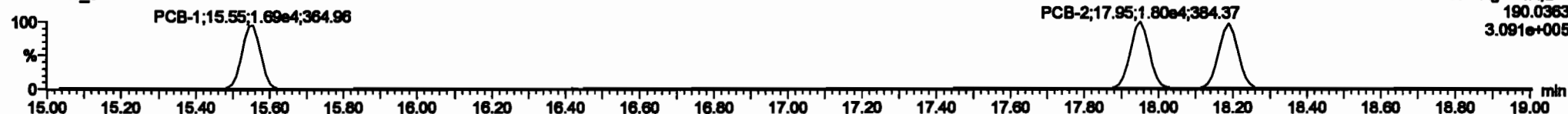
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PCB-1

200601K1_3



200601K1_3

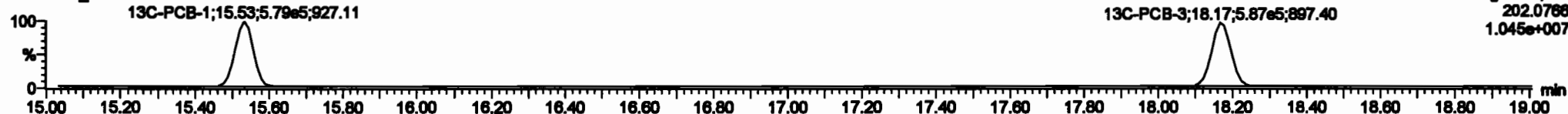


13C-PCB-1

200601K1_3

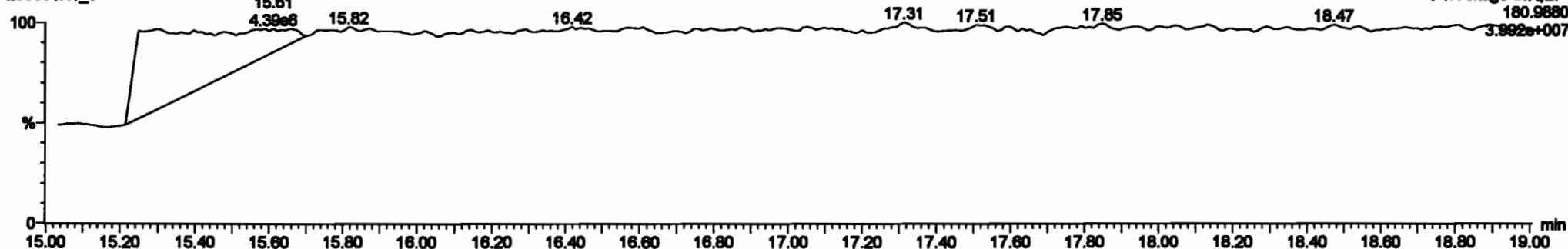


200601K1_3



PFK1

200601K1_3



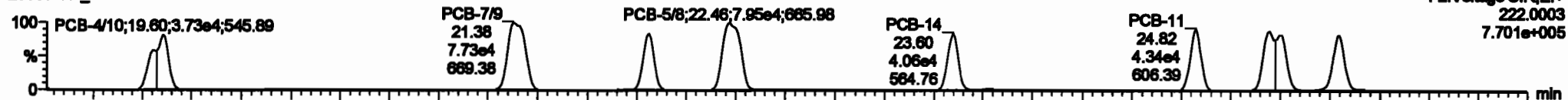
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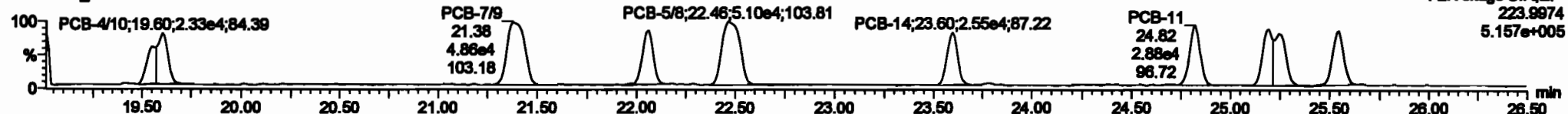
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PCB-4/10

200601K1_3

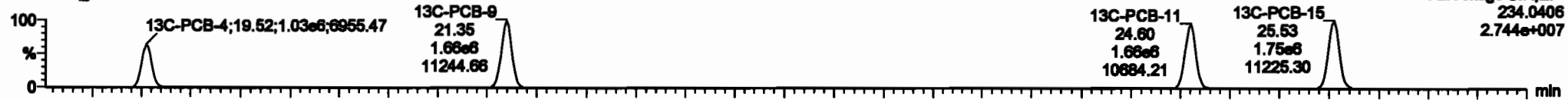


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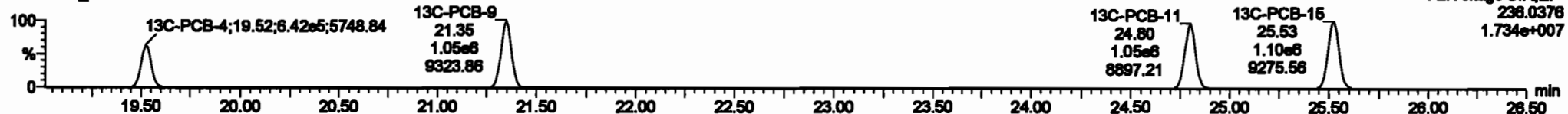


13C-PCB-4

200601K1_3

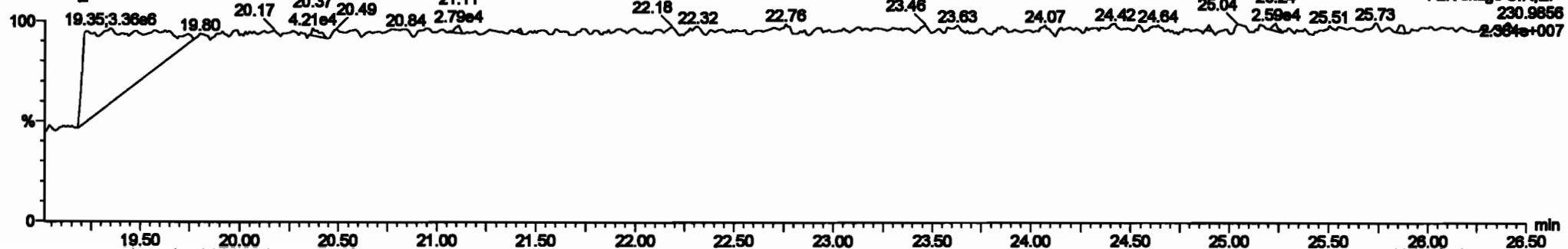


200601K1_3



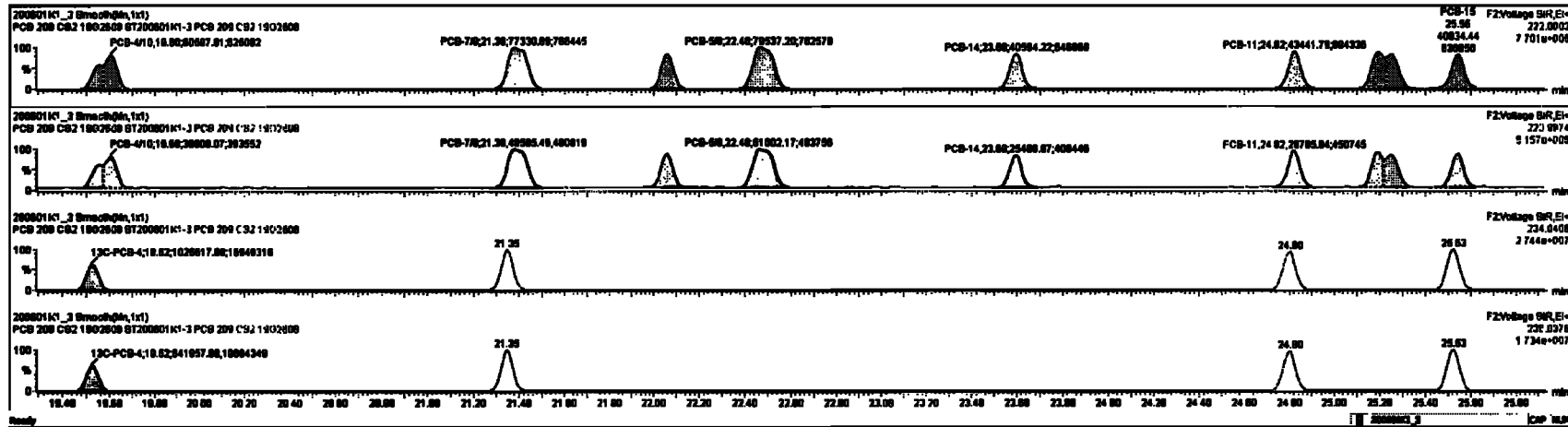
PFK2a

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-208	0.80min	0.80	NO	1.0000	1.000	64.00	64.00	1.000	0.000	NO	100.0	100	0.140			
220	13C-PCB-70	1.20min	0.70	NO	1.0000	1.000	37.70	37.70	1.000	1.000	NO	100.0	100	0.0001			
221	13C-PCB-170	7.20min	0.44	NO	0.7000	1.000	48.00	48.00	0.000	0.000	NO	87.23	87.2	0.0002			
222	13C-PCB-70	1.20min	0.70	NO	1.0001	1.000	37.70	37.70	0.000	0.000	NO	96.07	96.0	0.0070			
223	13C-PCB-170	7.20min	0.44	NO	1.0000	1.000	48.00	48.00	0.023	0.023	NO	95.10	95.2	0.0002			
224	Total Non-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	7.210	0.0210	7.210			

Peak	Retp	RA	dy	RFI	Initial	Final	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	24.81	24.80	4.0000e-04	2.5000e-04	1.000	1.00	NO	2.3070	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-11	24.82	24.80	4.0000e-04	2.0000e-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-1203	26.28	26.28	0.2100e+01	0.1300e+01	1.000	1.00	NO	4.7000	4.7000				
8	PCB-16	26.97	26.96	4.0000e-04	2.7000e-04	1.000	1.00	NO	2.4200	2.4200				

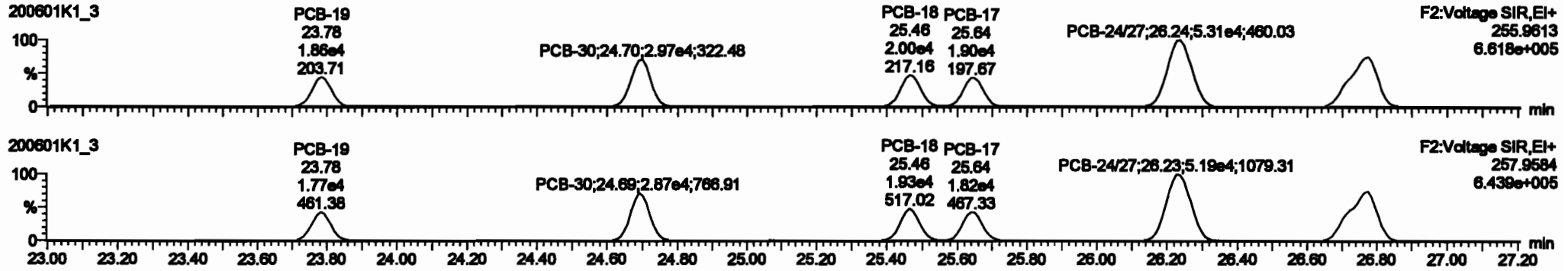


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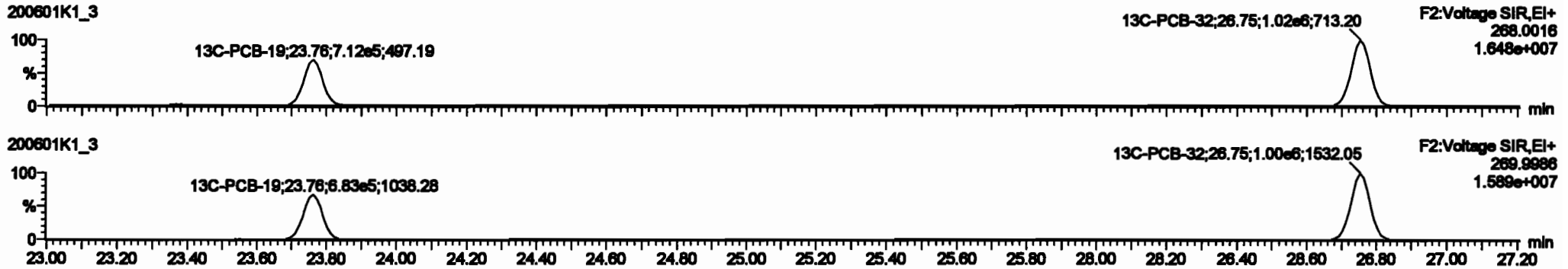
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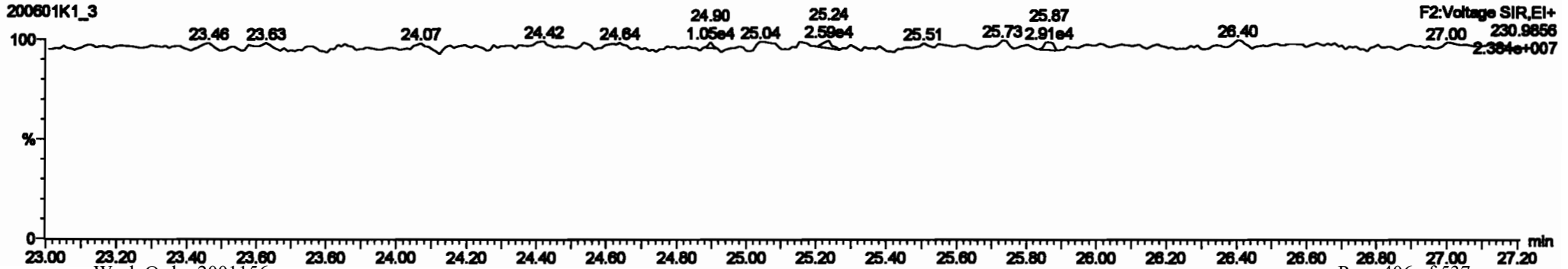
PCB-19



13C-PCB-19

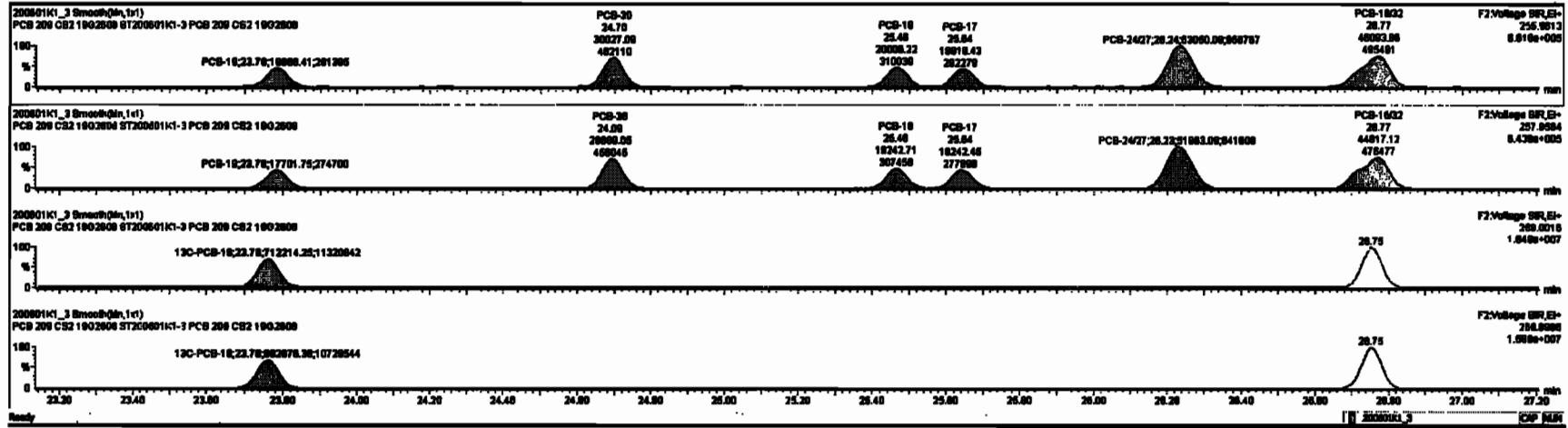


PFK2b



ID	Sample	Concentration	Retention Time	Area	Height	Width	Signal	Integration	Quality	Notes				
216	13C-PCB-80	1.01e6	0.78	NO	1.0000	1.000	26.80	26.80	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	8.88e5	0.80	NO	1.0000	1.000	64.88	64.88	1.000	0.000	NO	100.0	100	0.148
220	13C-PCB-76	1.83e6	0.78	NO	1.0000	1.000	37.76	37.76	1.000	1.000	NO	88.47	88.5	0.0091
221	13C-PCB-478	7.23e5	0.44	NO	8.7695	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	88.47	88.0	0.0094
220	13C-PCB-478	7.23e5	0.44	NO	1.0058	1.000	46.87	46.88	0.000	0.000	NO	88.16	88.2	0.0062
220	Total Mono-PCBs				1.1088	1.000	0.00	0.00	0.000	0.000	NO	7.216		0.0216
220	Total Di-PCBs				1.8857	1.000	0.00	0.00	0.000	0.000	NO	28.58		0.218

ID	Sample	Concentration	Retention Time	Area	Height	Width	Signal	Integration	Quality	Notes
12	PCB-16	23.78	23.78	1.887e4	1.770e4	1.040	1.08	NO	2.2870	2.2888
13	PCB-38	24.80	24.78	3.003e4	2.889e4	1.040	1.08	NO	2.2480	2.2481
14	PCB-18	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	1.08	NO	4.7880	4.7878
17	PCB-18/22	28.77	28.77	4.800e4	4.802e4	1.040	1.08	NO	4.8810	4.8810

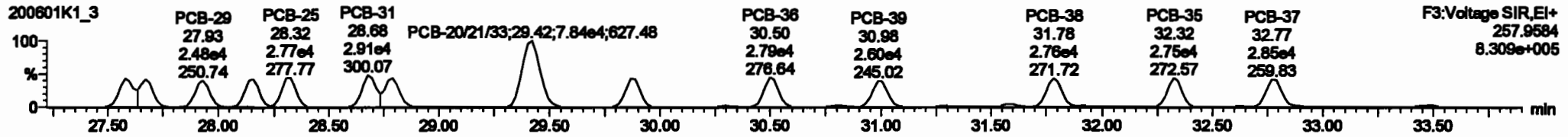
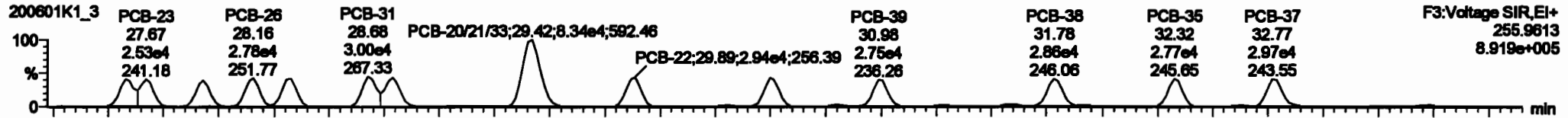


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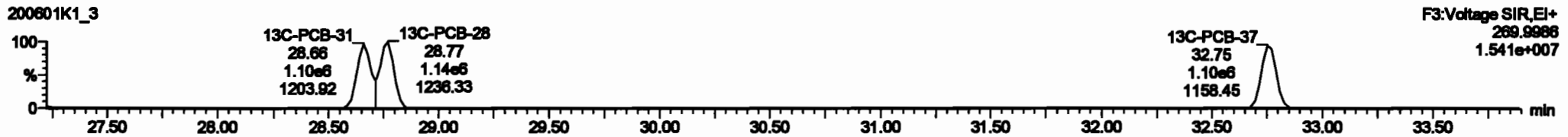
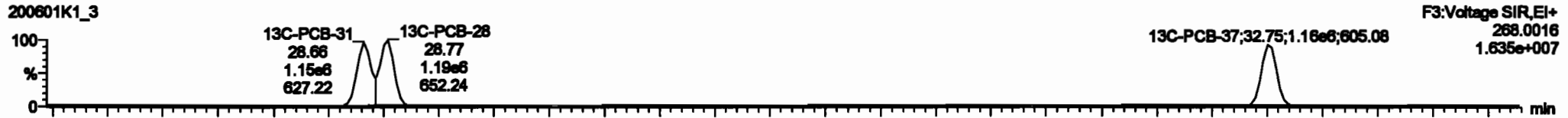
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Name: 200601K1_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

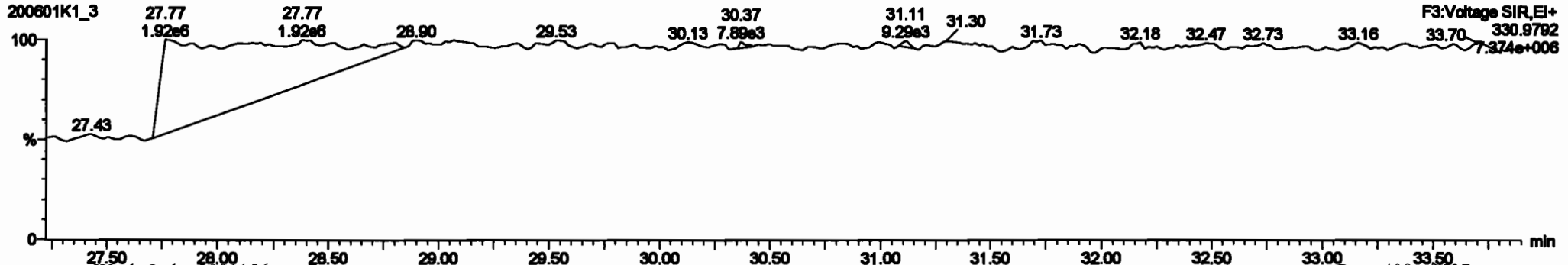
PCB-34



13C-PCB-28

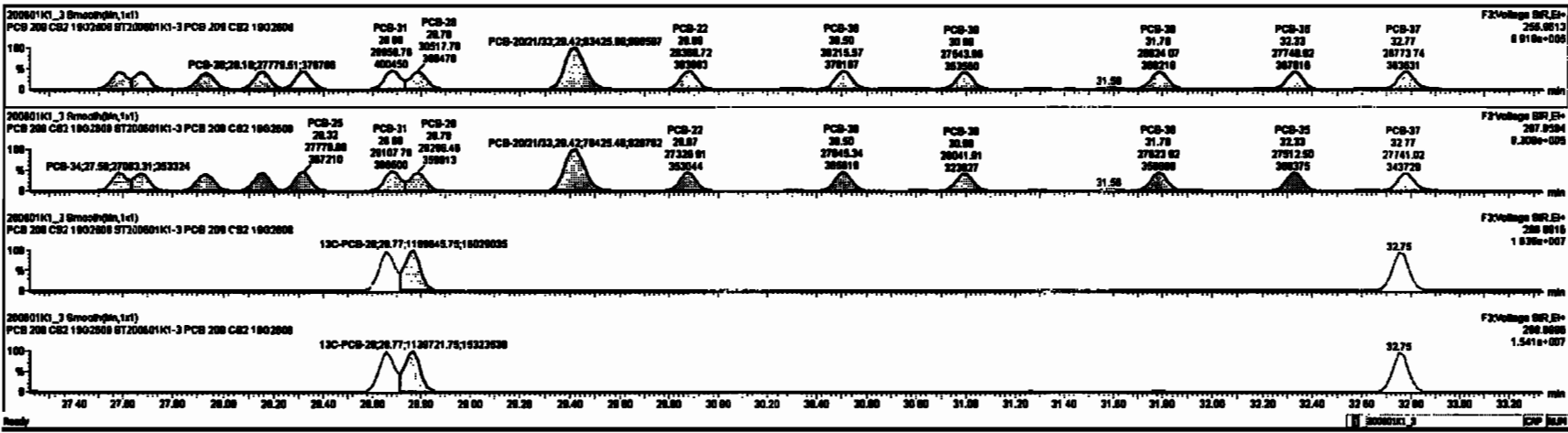


PFK3d



#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. #	NET	NET	Unit	Cost	Price	ST	Prod. #	NET	NET	Unit	Cost	Price	ST	Prod. #		
220	Total Value-PCBs					1.0776	1.000	0.00	0.000	NO	101.0		0.232	101.0											
220	2nd Function Parts-PCBs					1.2197	1.000	0.00	0.000	NO	67.80		0.291	67.80											
220	4th Function Parts-PCBs					1.0736	1.000	0.00	0.000	NO	12.10		0.099	12.10											
220	2nd Function Hous-PCBs					0.8806	1.000	0.00	0.000	NO	32.80		0.099	32.80											
220	4th Function Hous-PCBs					1.0016	1.000	0.00	0.000	NO	66.70		0.292	66.70											
220	Total Hous-PCBs					1.2001	1.000	0.00	0.000	NO	67.74		0.099	67.74											
220	4th Function Ouds-PCBs					1.0000	1.000	0.00	0.000	NO	21.80		0.000	21.80											
220	6th Function Ouds-PCBs					1.1480	1.000	0.00	0.000	NO	6.674		0.000	6.674											
220	Total Hous-PCBs					0.8800	1.000	0.00	0.000	NO	7.284		0.000	7.284											
220	Total PCBs					0.8804	1.000	0.00	0.000	NO	2.430		0.000	2.430											

#	Name	Range	BA	Qty	Unit	Cost	Price	ST	Prod. #	NET	NET	Unit	Cost	Price	ST	Prod. #	NET	NET	Unit	Cost	Price	ST	Prod. #		
18	PCB-24	27.80	27.80	2.700e+4	2.700e4	1.040	1.02	NO	2.4040	2.4040															
19	PCB-25	27.87	27.87	2.620e+4	2.620e4	1.040	1.04	NO	2.4000	2.4000															
20	PCB-26	27.93	27.93	2.600e+4	2.600e4	1.040	1.01	NO	2.4000	2.4000															
21	PCB-28	28.10	28.10	2.770e+4	2.770e4	1.040	1.07	NO	2.4000	2.4000															
22	PCB-28	28.31	28.32	2.870e+4	2.770e4	1.040	1.09	NO	2.4000	2.4000															
23	PCB-31	28.80	28.80	2.800e+4	2.810e4	1.040	1.09	NO	2.4070	2.4070															
24	PCB-28	28.70	28.70	2.800e+4	2.800e4	1.040	1.09	NO	2.4000	2.4000															
25	PCB-2021483	28.40	28.40	0.290e+4	7.840e4	1.040	1.09	NO	2.3000	7.2017															
26	PCB-22	28.87	28.88	2.800e+4	2.700e4	1.040	1.09	NO	2.4000	2.4000															



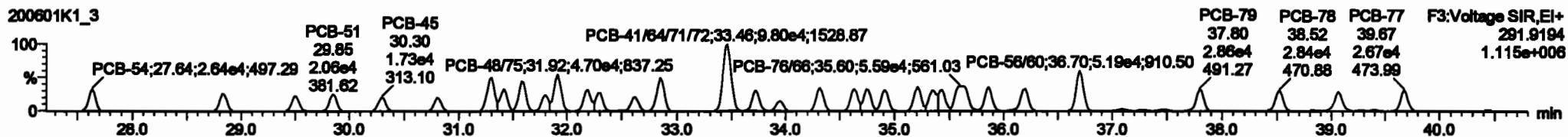
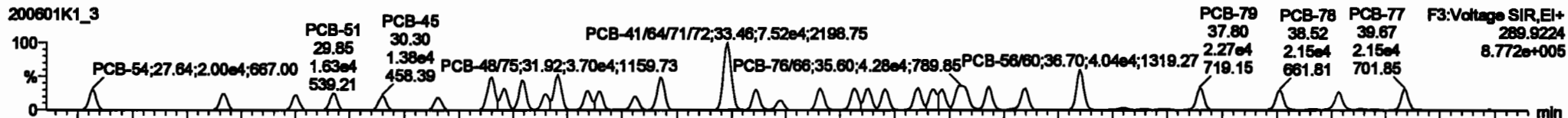
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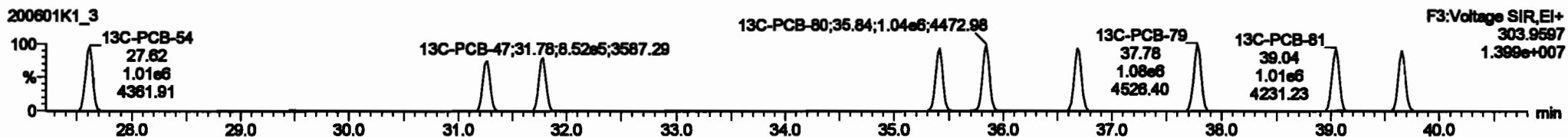
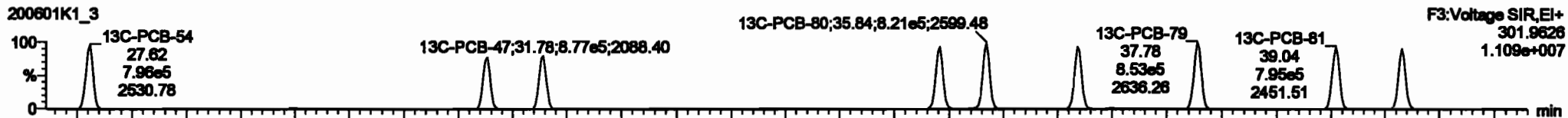
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Name: 200601K1_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

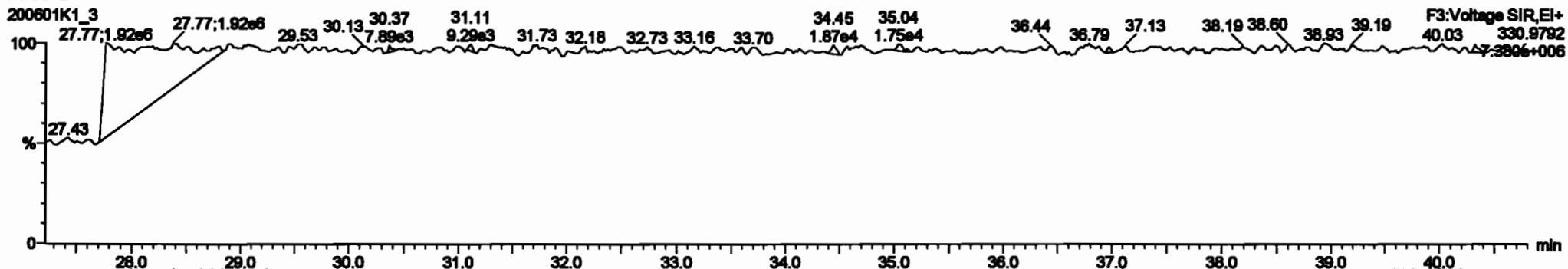
PCB-54



13C-PCB-54



PFK3a



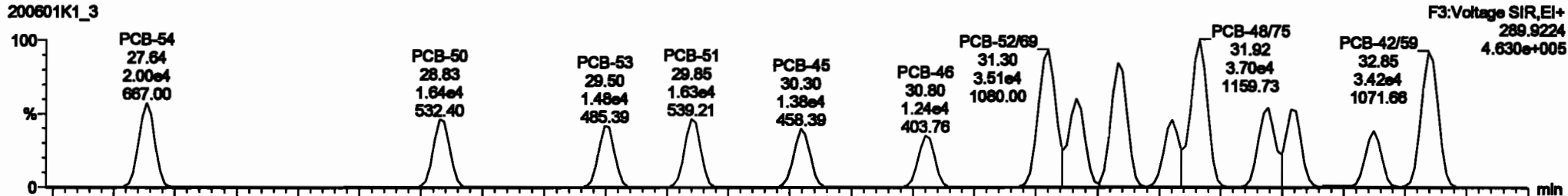
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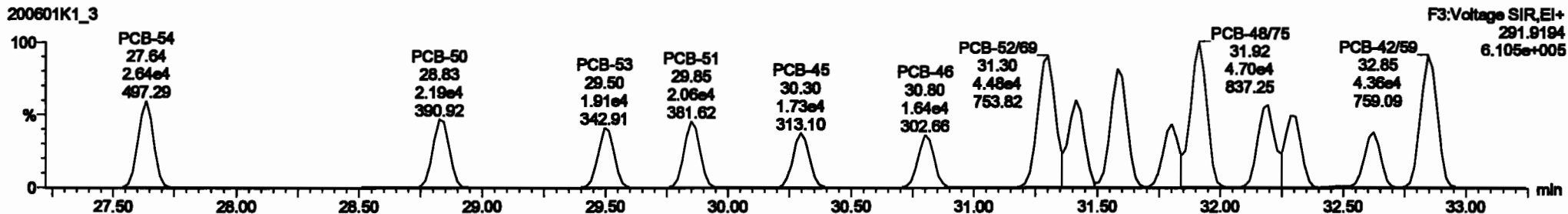
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PCB-50

200601K1_3



200601K1_3

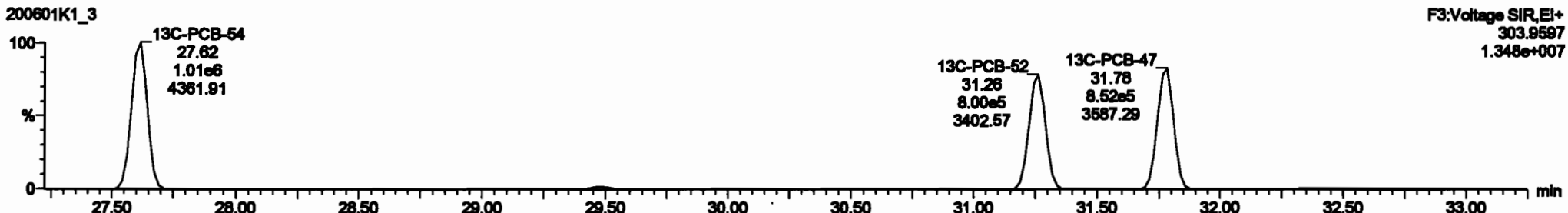


13C-PCB-52

200601K1_3



200601K1_3



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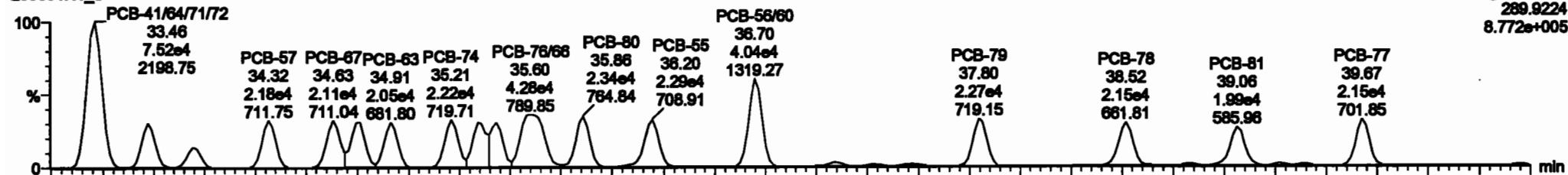
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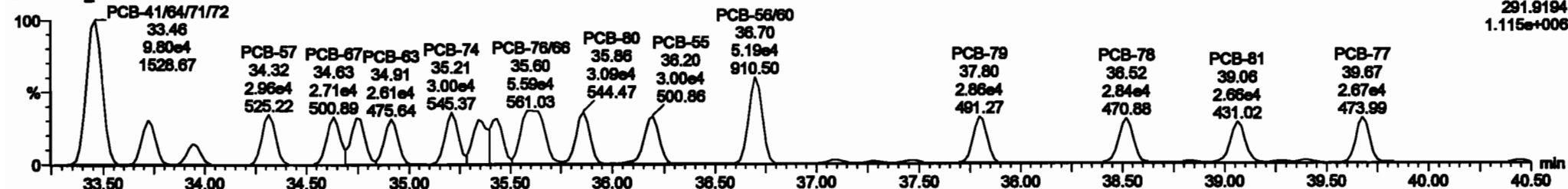
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PCB-68

200601K1_3

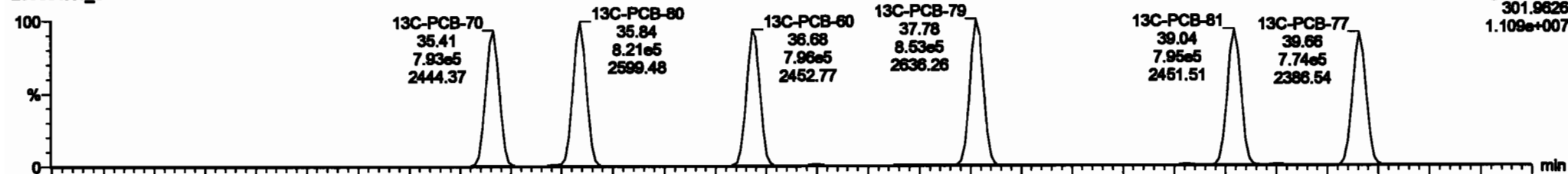


200601K1_3

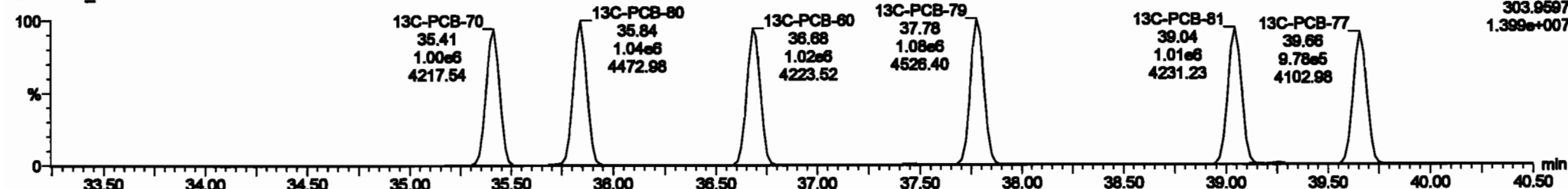


13C-PCB-60

200601K1_3

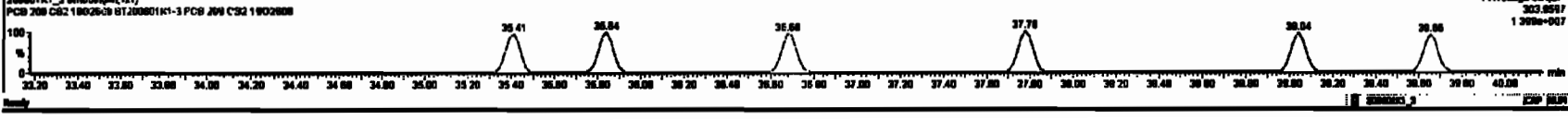
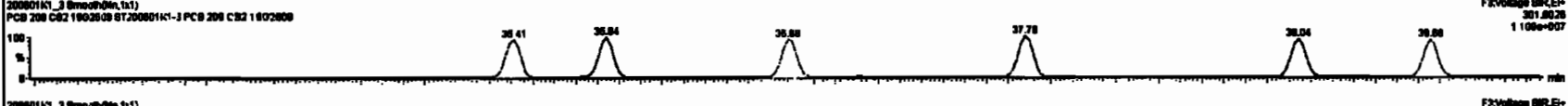
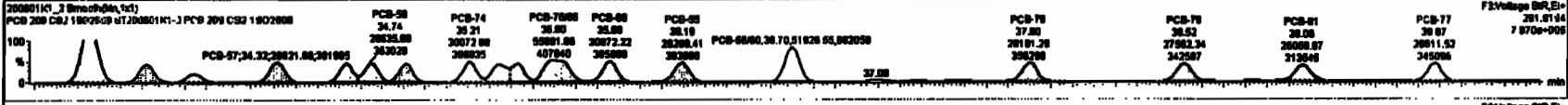
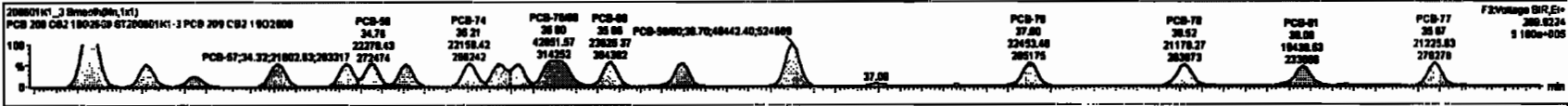


200601K1_3



#	Mass	Resp	RA	Rel	RR	val	Rel	RT	Pre	RT	RT	Comp	Area	Area	Area
227	2nd Puriton Tri-PCBs				0.0020	1.000	0.00	0.000		MD	38.01		0.204	38.01	
228	2nd Puriton Penta-PCBs				1.2187	1.000	0.80	0.000		MD	37.83		6.371	37.83	
229	4th Puriton Penta-PCBs				1.0736	1.000	0.00	0.000		MD	12.18		0.0070	12.18	
230	2nd Puriton Hepta-PCBs				0.0000	1.000	0.00	0.000		MD	33.88		0.0070	33.88	
231	4th Puriton Hepta-PCBs				1.0016	1.000	0.00	0.000		MD	38.73		0.372	38.73	
232	Total Hepta-PCBs				1.3881	1.000	0.00	0.000		MD	37.74		0.488	37.74	
233	2nd Puriton Octa-PCBs				1.0000	1.000	0.00	0.000		MD	21.88		0.000	21.88	
234	4th Puriton Octa-PCBs				1.1488	1.000	0.00	0.000		MD	6.874		0.004	6.874	
235	Total Octa-PCBs				0.0020	1.000	0.00	0.000		MD	7.284		0.007	7.284	
236	Total PCBs				0.0004	1.000	0.00	0.000		MD	2.423		0.0070	2.423	

#	Mass	Pre	RT	Rel	RR	1st	RA	Rel	RR	Comp
30	PCB-81	27.84	27.84	1.880e4	2.880e4	0.770	0.76	MD	2.3770	2.3771
31	PCB-80	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.6140	2.6139
32	PCB-82	28.80	28.80	1.880e4	2.880e4	0.770	0.76	MD	2.3880	2.3848
33	PCB-81	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	2.8580	2.8516
36	PCB-88	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-49	31.80	31.80	3.050e4	3.880e4	0.770	0.76	MD	4.8820	4.8818



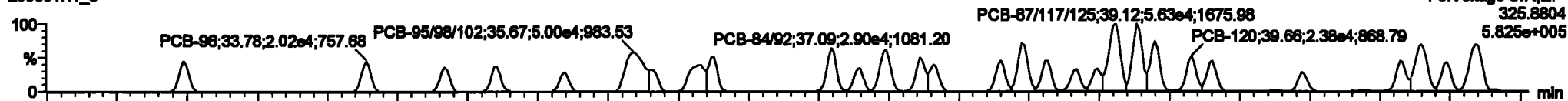
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

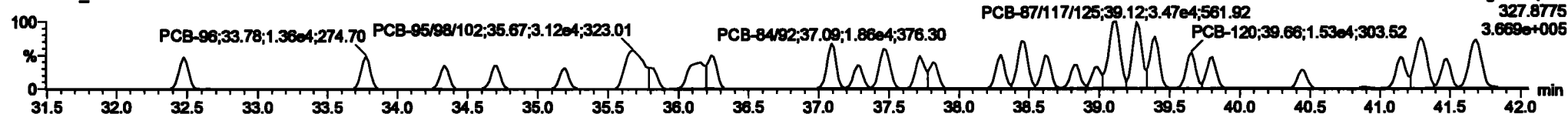
PCB-104

200601K1_3



F3:Voltage SIR,EI+
325.8804
5.825e+005

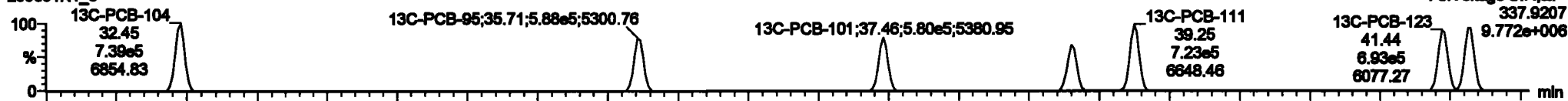
200601K1_3



F3:Voltage SIR,EI+
327.8775
3.669e+005

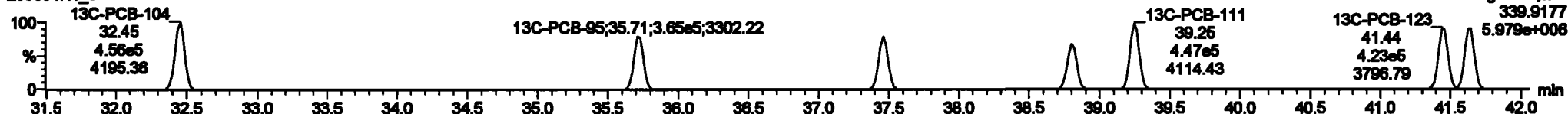
13C-PCB-104

200601K1_3



F3:Voltage SIR,EI+
337.9207
9.772e+006

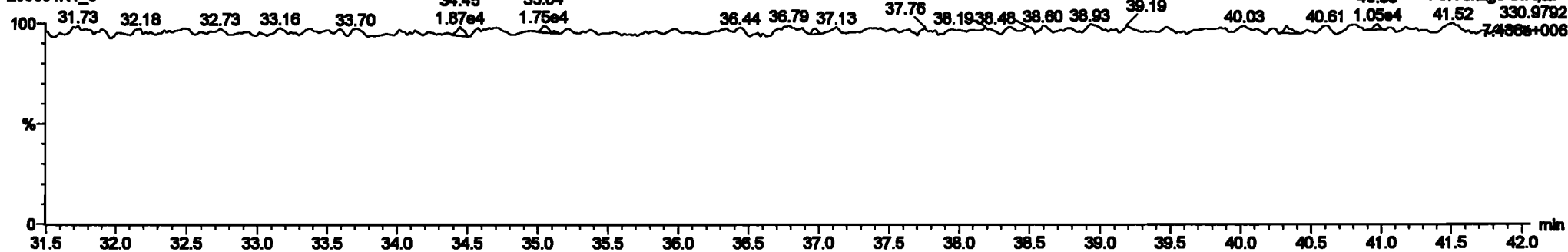
200601K1_3



F3:Voltage SIR,EI+
339.9177
5.979e+006

PFK3b

200601K1_3



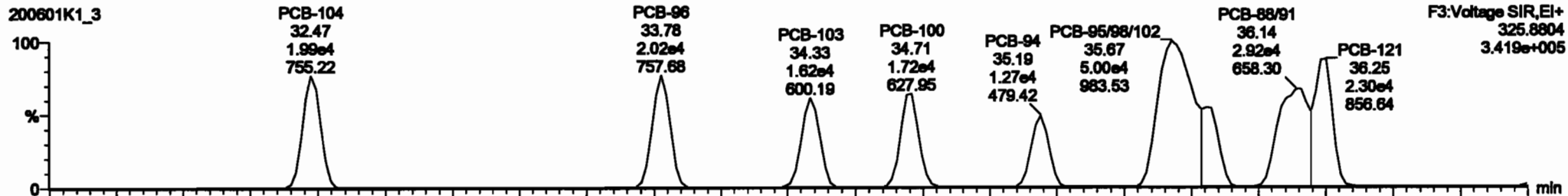
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7.498e+006

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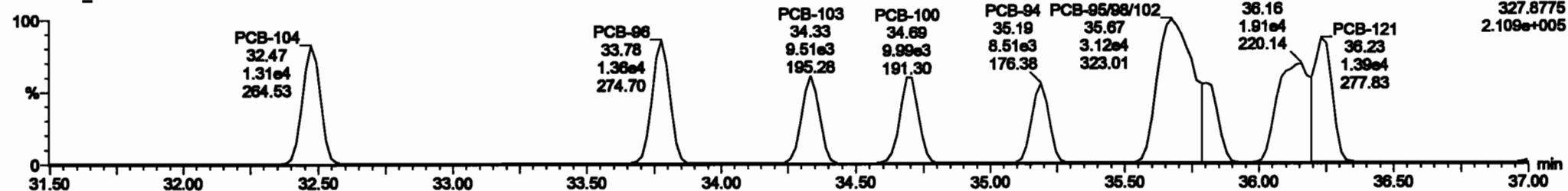
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PCB-96



200601K1_3



13C-PCB-95



200601K1_3



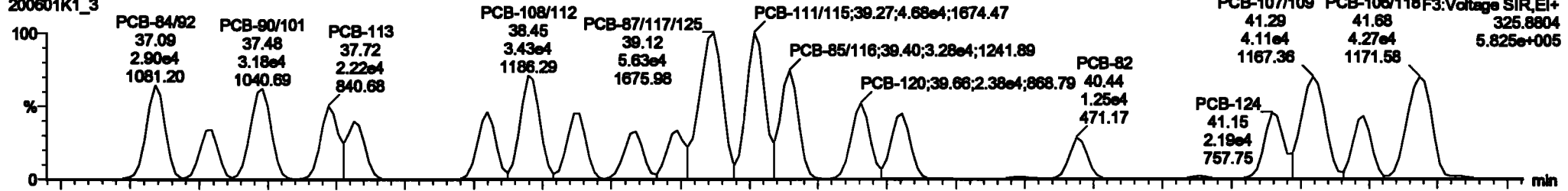
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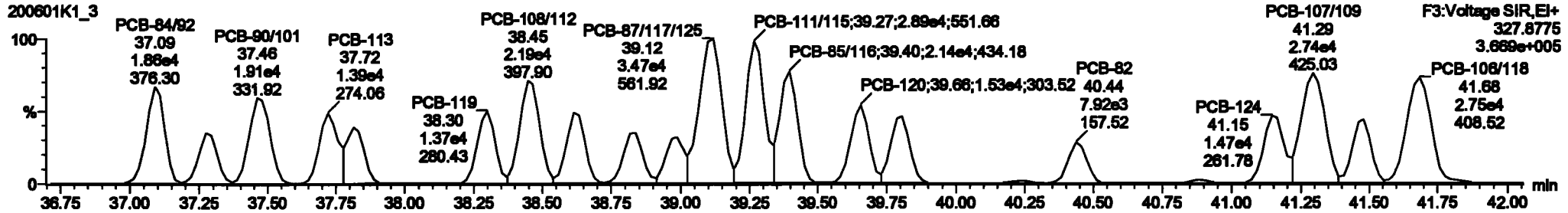
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PCB-119

200601K1_3

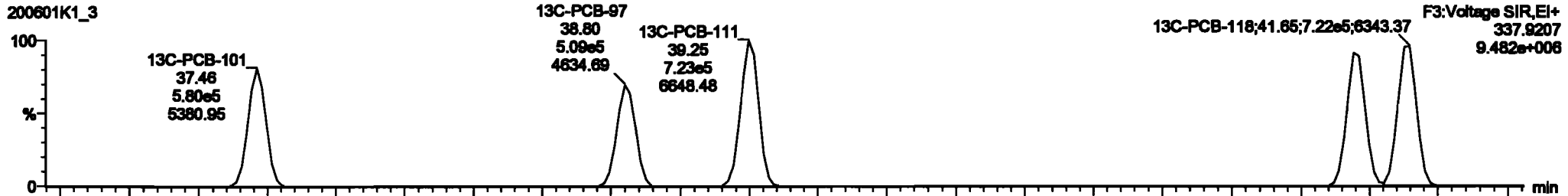


200601K1_3

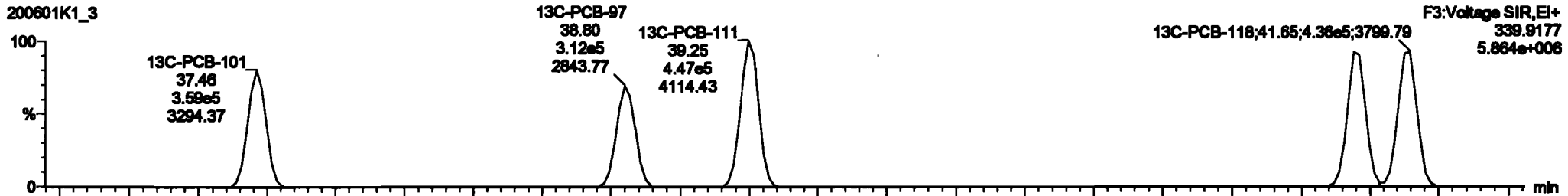


13C-PCB-111

200601K1_3

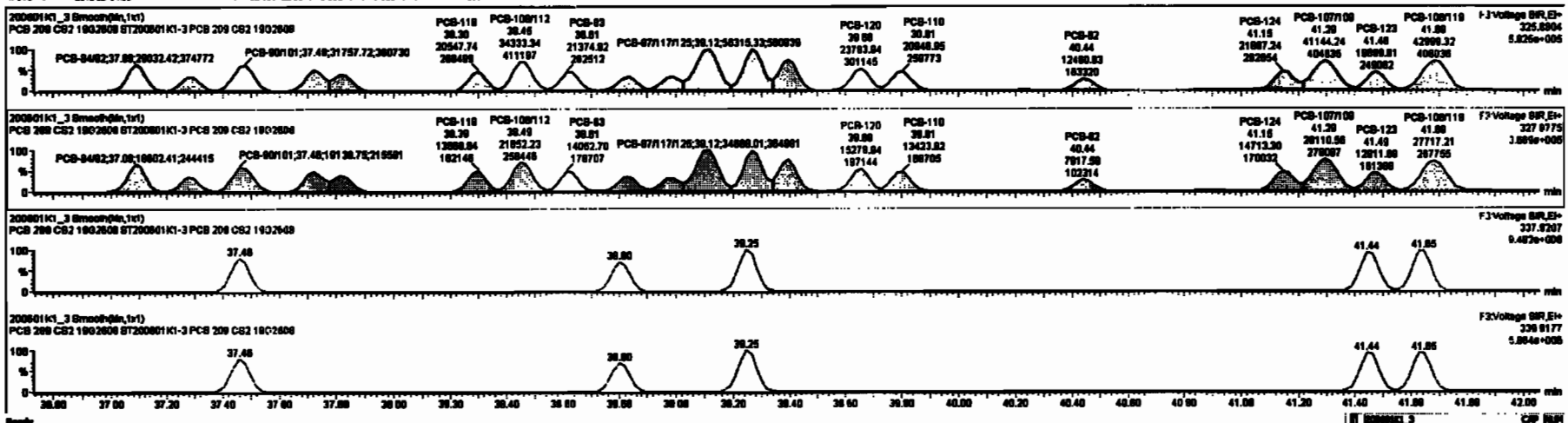


200601K1_3



ID	Name	Step	BA	Qty	RFY	RFY%	Prod.RT	RFY	Prod.RT	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY
227	2nd Purition 1A-PCBs				0.0020	1.000	0.00		0.000		NO	30.01		0.204	30.01				
228	Total Tetro-PCBs				1.0770	1.000	0.00		0.000		NO	101.0		0.222	101.0				
230	4th Purition Para-PCBs				1.0726	1.000	0.00		0.000		NO	12.10		0.0070	12.10				
231	2nd Purition Mono-PCBs				0.0006	1.000	0.00		0.000		NO	32.00		0.0070	32.00				
232	4th Purition Mono-PCBs				1.0310	1.000	0.00		0.000		NO	66.73		0.272	66.73				
233	Total Hexas-PCBs				1.3891	1.000	0.00		0.000		NO	97.34		0.488	97.34				
234	4th Purition Octa-PCBs				1.0000	1.000	0.00		0.000		NO	21.00		0.0003	21.00				
235	2nd Purition Octa-PCBs				1.1400	1.000	0.00		0.000		NO	6.674		0.0043	6.674				
236	Total Mono-PCBs				0.0022	1.000	0.00		0.000		NO	7.204		0.0007	7.204				
237	Dioxin-CB				0.0004	1.000	0.00		0.000		NO	2.420		0.0070	2.420				
238	Total PCBs																		

ID	Name	Prod.RT	RFY	RFY%	Prod.RT	RFY	RFY%	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY	RFY
64	PCB-104	32.47	32.47	1.000e4	1.300e4	1.000	1.02	NO	2.4000	2.4000									
65	PCB-80	38.76	38.76	2.017e4	1.300e4	1.000	1.48	NO	2.4000	2.4000									
66	PCB-108	34.33	34.33	1.829e4	9.000e3	1.000	1.71	NO	2.3010	2.3010									
67	PCB-100	34.00	34.71	1.717e4	9.000e3	1.000	1.72	NO	2.3030	2.3031									
68	PCB-84	35.19	35.19	1.272e4	8.010e3	1.000	1.48	NO	2.3000	2.3001									
69	PCB-80/80/102	35.87	35.87	8.000e4	3.117e4	1.000	1.01	NO	7.0700	7.0704									
70	PCB-83	35.76	35.81	1.280e4	7.010e3	1.000	1.76	NO	2.3000	2.3007									
71	PCB-89/81	35.14	35.14	2.000e4	1.000e4	1.000	1.00	NO	4.7000	4.7004									
72	PCB-121	35.33	35.28	2.300e4	1.300e4	1.000	1.00	NO	2.2700	2.2699									

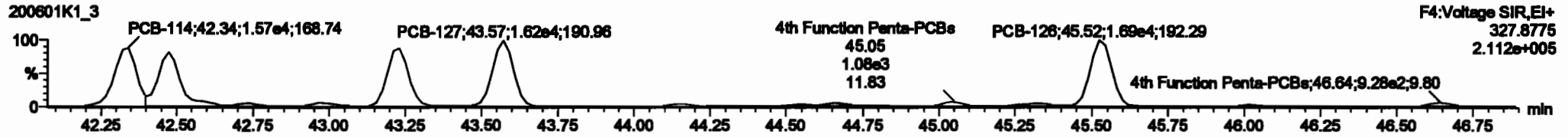
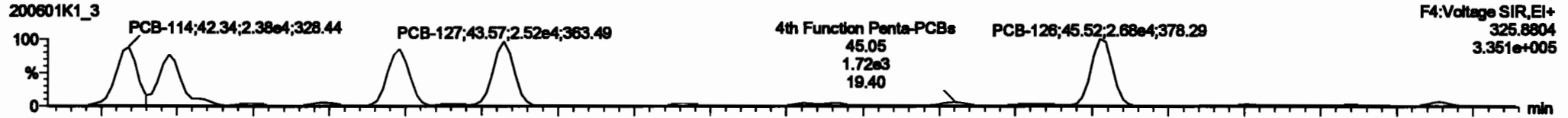


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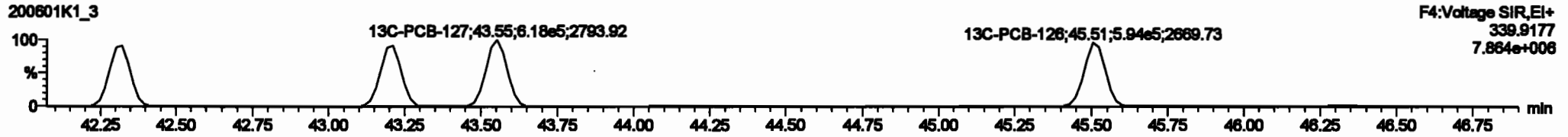
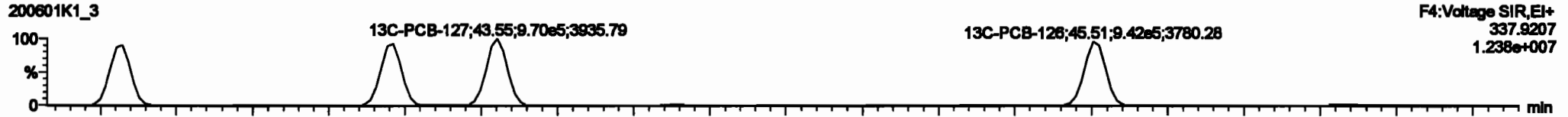
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Name: 200601K1_3, Date: 01-Jun-2020, Time: 14:19:00, ID: ST200601K1-3 PCB 209 CS2 19G2608, Description: PCB 209 CS2 19G2608

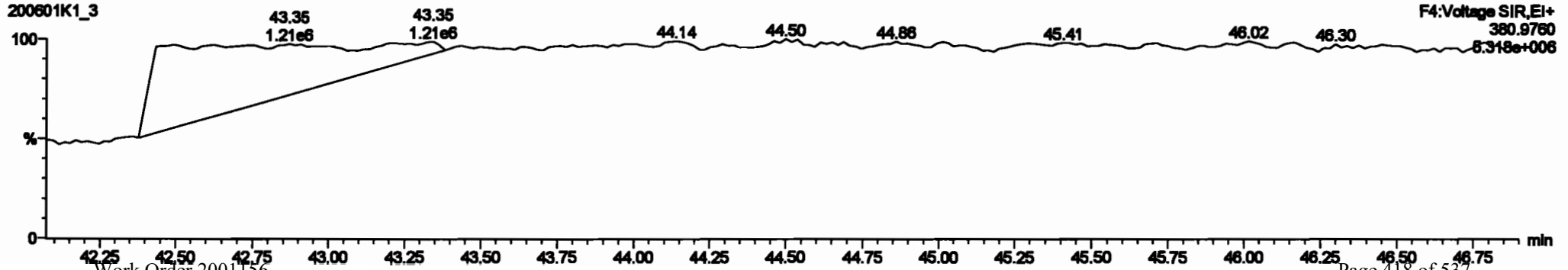
PCB-114



13C-PCB-114

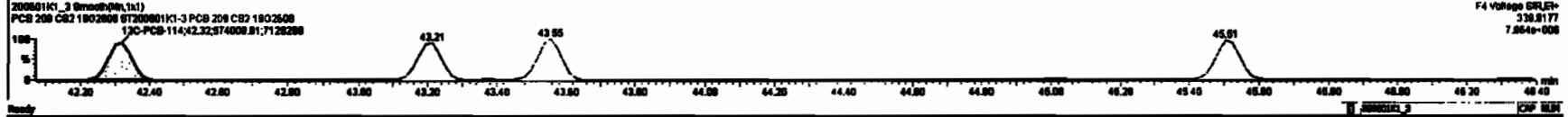
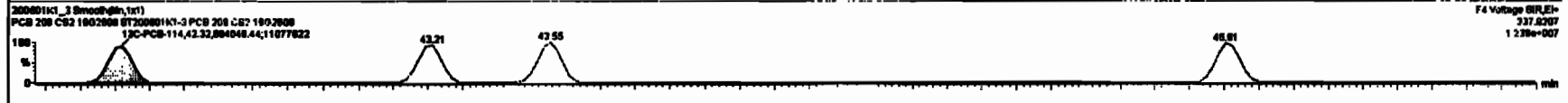
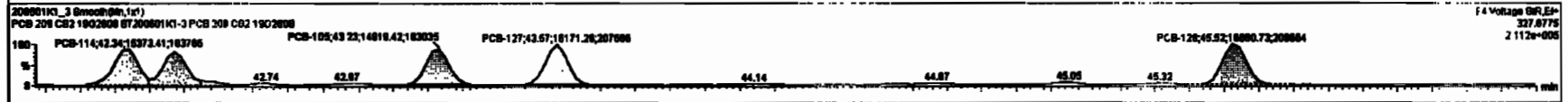
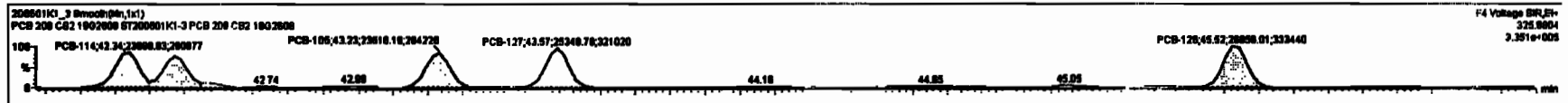


PFK4a



#	Name	Range	RA	dy	RF	Initial	ProdRT	RT	ProdR	RFY	ProdF	Chm	SPM	SL	BPFC
227	2nd Function Tri-PCBs				0.0000	1.000	0.00	0.000	NO	38.01			0.284	38.01	
228	Total Yolo-PCBs				1.0776	1.000	0.00	0.000	NO	101.0			0.222	101.0	
229	2nd Function Para-PCBs				1.2167	1.000	0.00	0.000	NO	67.02			0.271	67.02	
230	2nd Function Ortho-PCBs				0.0000	1.000	0.00	0.000	NO	0.000			0.000	0.000	
231	2nd Function Meta-PCBs				0.0000	1.000	0.00	0.000	NO	32.99			0.000	32.99	
232	4th Function Para-PCBs				1.0216	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			0.486	67.74	
234	4th Function Ortho-PCBs				1.0000	1.000	0.00	0.000	NO	21.86			0.000	21.86	
235	4th Function Para-PCBs				1.1480	1.000	0.00	0.000	NO	6.674			0.000	6.674	
236	Total Hexa-PCBs				0.0000	1.000	0.00	0.000	NO	7.284			0.000	7.284	
237	Total PCBs				0.0000	1.000	0.00	0.000	NO	2.420			0.000	2.420	

#	Name	ProdRT	RT	RF	RFY	ProdF	Chm	SPM	SL	BPFC
80	PCB-114	42.34	42.34	2.370e4	1.000e4	1.000	1.04	NO	2.320	2.320
84	PCB-122	42.48	42.47	2.122e4	1.370e4	1.000	1.04	NO	2.020	2.020
86	PCB-105	43.20	43.20	2.382e4	1.000e4	1.000	1.00	NO	2.000	2.000
88	PCB-127	43.67	43.67	2.000e4	1.000e4	1.000	1.07	NO	2.000	2.000
89	PCB-126	45.52	45.52	2.000e4	1.000e4	1.000	1.01	NO	2.010	2.010



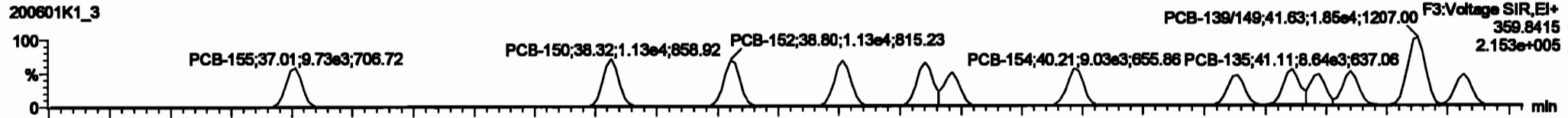
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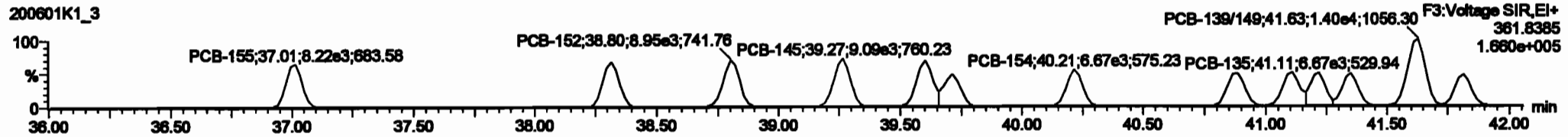
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PCB-155

200601K1_3

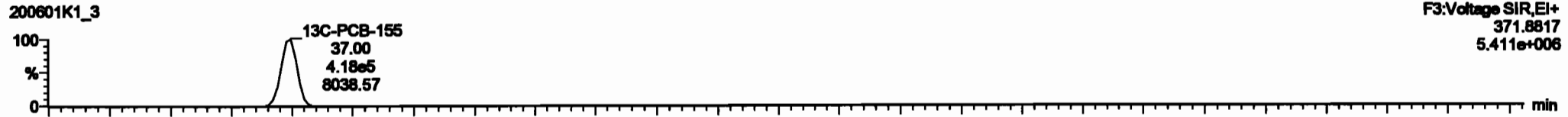


200601K1_3

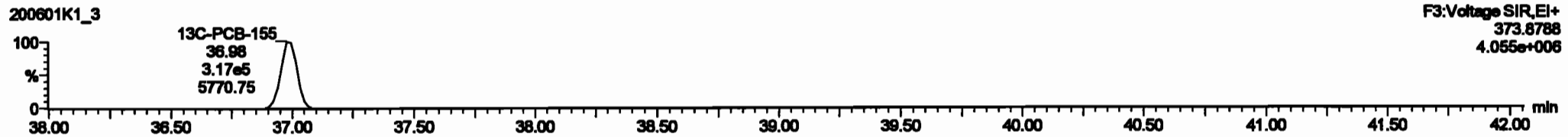


13C-PCB-155

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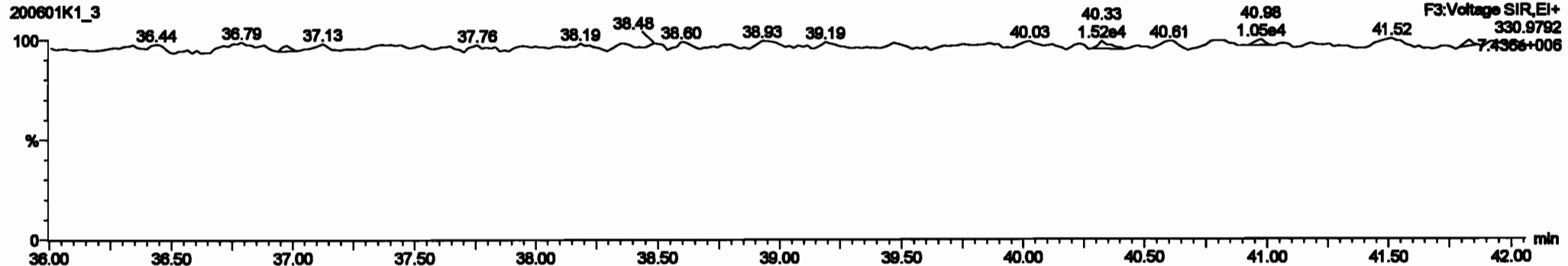


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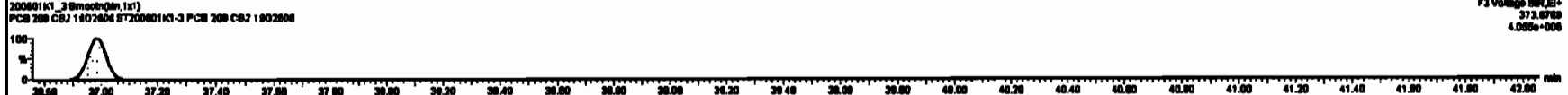
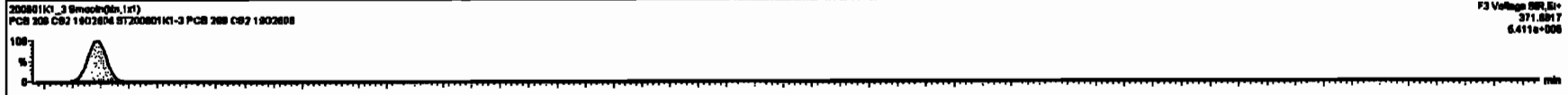
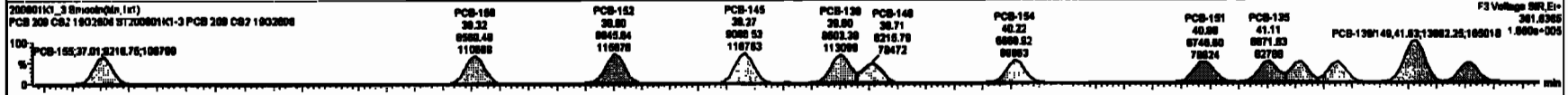
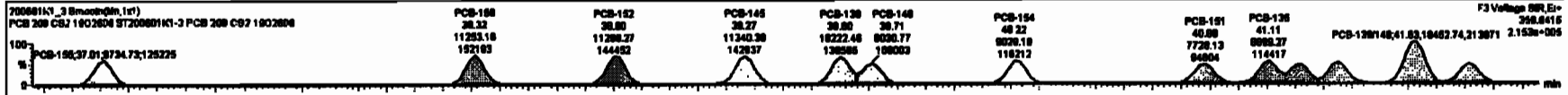
PFK3c

200601K1_3



#	Name	Resp	RA	inj	RRT	width	PeakOff	RT	PeakOff	RRT	RWT Off	Comp. S/Res	Area	Height
227	2nd Puriton TH-PCBs				0.000	1.000	0.000	NO	30.01			0.204	30.01	
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			0.0070	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				1.3681	1.000	0.000	NO	67.74			0.488	67.74	
234	2nd Puriton Octa-PCBs				1.0000	1.000	0.000	NO	21.80			0.0000	21.80	
235	2nd Puriton Octa-PCBs				1.1488	1.000	0.000	NO	6.874			0.0043	6.874	
236	Total Nona-PCBs				0.0000	1.000	0.000	NO	7.304			0.0007	7.304	
237	237 Deca-CD				0.0004	1.000	0.000	NO	2.420			0.0000	2.420	
238	238 Total PCBs													

#	Name	PeakOff	RT	inj Resp	std Resp	F Ratio (Peak)	RA	inj	S/Res	Comp.
1	100 PCB-150	37.01	37.01	0.720e3	0.217e3	1.340	1.18	NO	2.3300	2.3300
2	100 PCB-152	38.30	38.32	1.120e4	0.800e3	1.240	1.30	NO	2.4000	2.4000
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	2.3200
5	100 PCB-138	38.80	38.80	1.020e4	0.800e3	1.240	1.20	NO	2.4000	2.4000
6	100 PCB-140	38.72	38.71	0.801e3	0.210e3	1.240	1.20	NO	2.3010	2.3007
7	100 PCB-154	40.22	40.22	0.800e3	0.800e3	1.240	1.30	NO	2.3200	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	0.800e3	0.872e3	1.240	1.20	NO	2.2800	2.2806

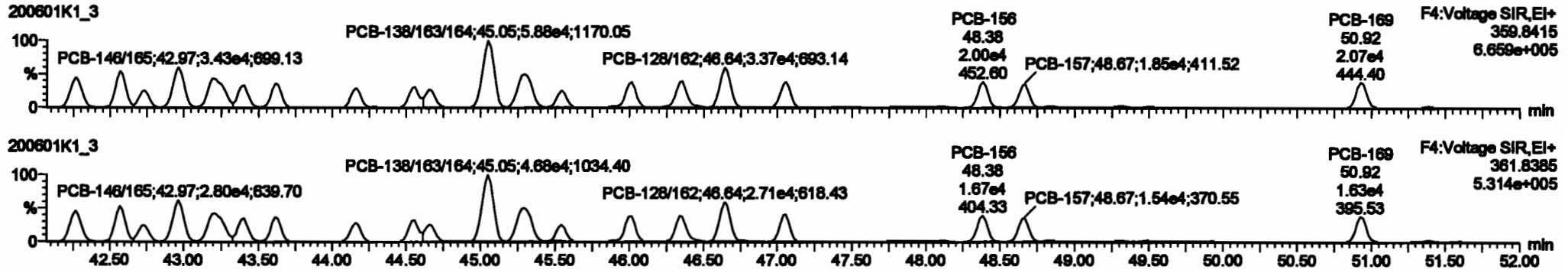


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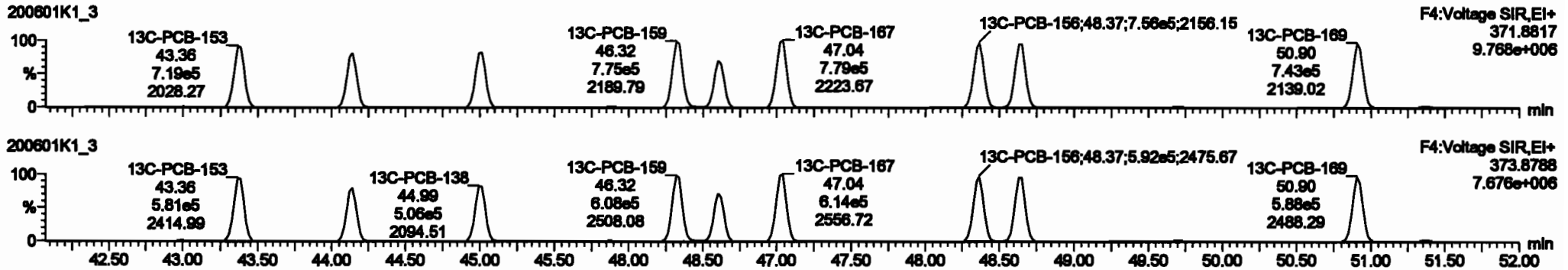
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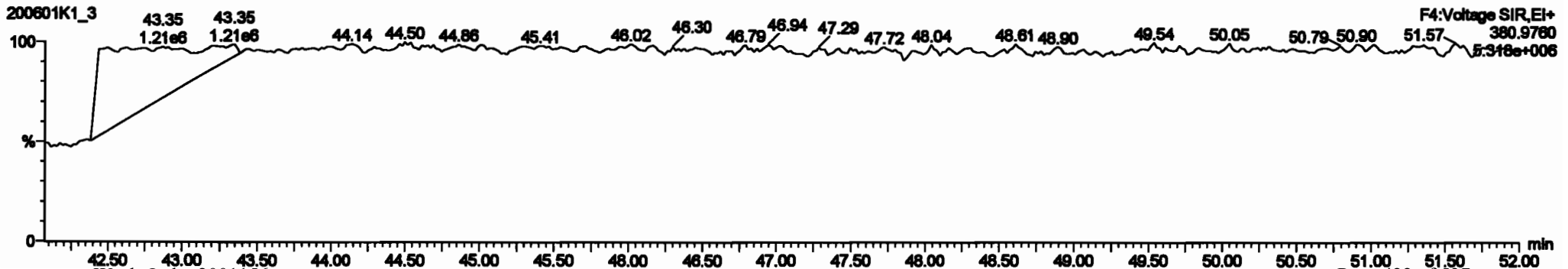
PCB-134/143



13C-PCB-153

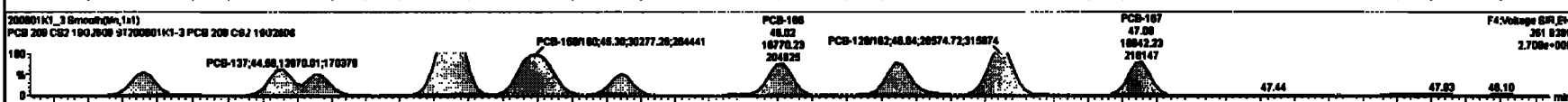
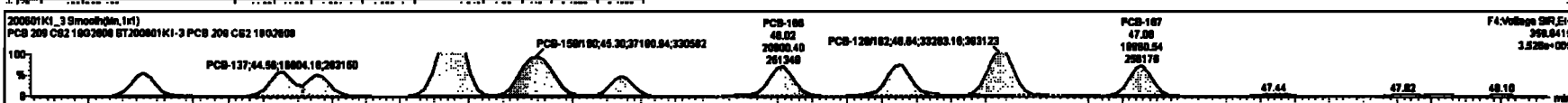


PFK4b



#	Comp	Flow	BA	Qty	Unit	Prod	OT	Prod.R.	OT	Prod.Fac	Comp	QTY	QTY	QTY	QTY
227	2nd Function Tri-PCBs			0.0000	1.000	0.00		0.000		NO	38.01	0.284	38.01		
228	Total Tri-PCBs			1.0770	1.000	0.00		0.000		NO	101.0	0.322	101.0		
229	3rd Function Pent-PCBs			1.2167	1.000	0.00		0.000		NO	67.82	0.271	67.82		
230	4th Function Pent-PCBs			1.0720	1.000	0.00		0.000		NO	12.18	0.0070	12.18		
231	5th Function Hexa-PCBs			0.0000	1.000	0.00		0.000		NO	32.80	0.0070	32.80		
232	Total Hexa-PCBs			1.0000	1.000	0.00		0.000		NO	65.30	0.0140	65.30		
233	Total Hepta-PCBs			1.2091	1.000	0.00		0.000		NO	67.74	0.408	67.74		
234	6th Function Octa-PCBs			1.0000	1.000	0.00		0.000		NO	21.80	0.0000	21.80		
235	8th Function Octa-PCBs			1.1488	1.000	0.00		0.000		NO	8.874	0.0043	8.874		
236	Total Nona-PCBs			0.0000	1.000	0.00		0.000		NO	7.204	0.0007	7.204		
237	Deca-CP			0.0004	1.000	0.00		0.000		NO	2.423	0.0000	2.423		
238	Total NPAs														

#	Comp	Flow	BA	Qty	Unit	Prod	OT	Prod.R.	OT	Prod.Fac	Comp	QTY	QTY	QTY	QTY
111	PCB-134A43			42.28	42.28	2.620e4	2.491e4	1.240	1.20	NO	4.6390	4.6390			
112	PCB-131A10			42.88	42.87	2.847e4	2.282e4	1.240	1.20	NO	4.7070	4.7068			
113	PCB-142			42.72	42.74	1.217e4	1.080e4	1.240	1.20	NO	2.4220	2.4218			
114	PCB-148A05			42.87	42.87	3.420e4	2.880e4	1.240	1.22	NO	4.7180	4.7180			
115	PCB-132A01			43.20	43.18	3.813e4	2.730e4	1.240	1.20	NO	4.6890	4.6893			
116	PCB-163			43.38	43.40	1.777e4	1.610e4	1.240	1.18	NO	2.3880	2.3890			
117	PCB-168			43.81	43.81	1.880e4	1.822e4	1.240	1.20	NO	2.4180	2.4178			
118	PCB-141			44.18	44.18	1.489e4	1.220e4	1.240	1.20	NO	2.4080	2.4084			
119	PCB-137			44.80	44.80	1.880e4	1.389e4	1.240	1.18	NO	2.8870	2.8888			



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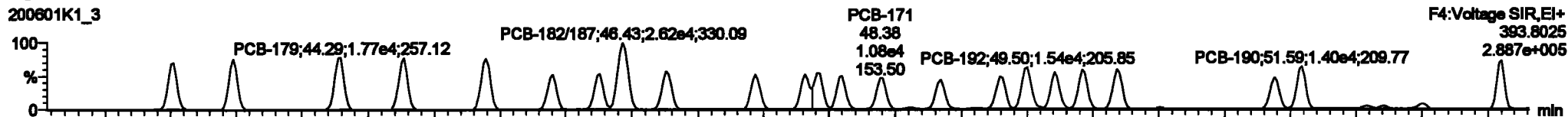
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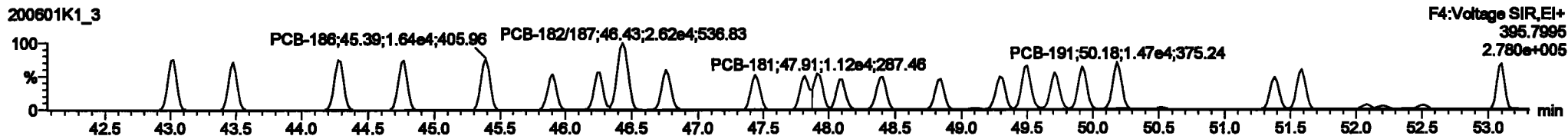
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PCB-188

200601K1_3

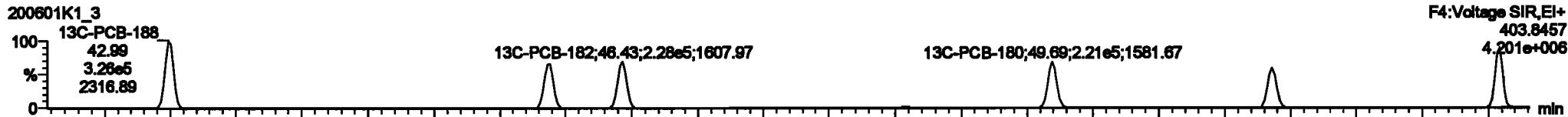


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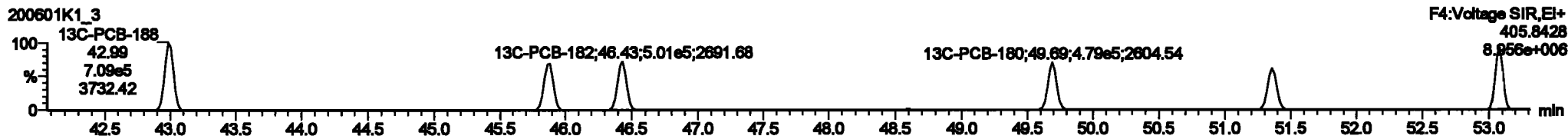


13C-PCB-188

200601K1_3

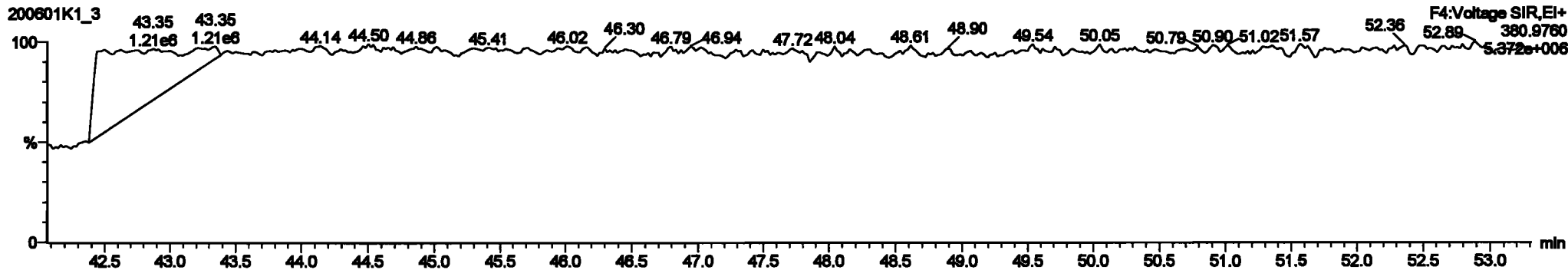


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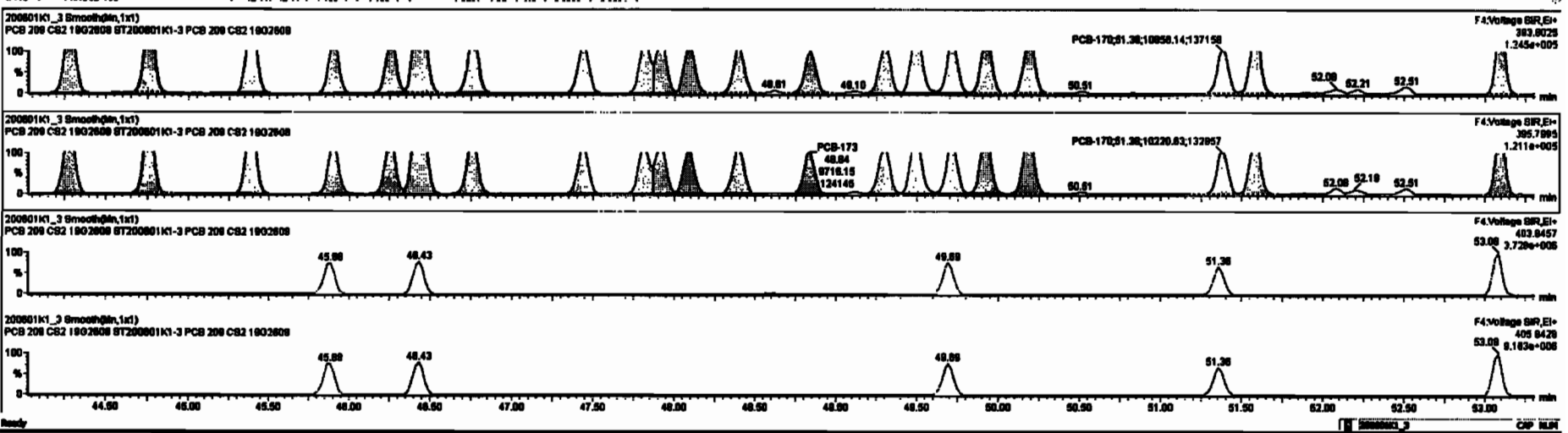
PFK4c

200601K1_3



#	Name	Resp	SA	sy	RF	valve	ProdRT	RT	PresLR	RF	RT Pat	Comp	Area	CL	SPC
227	227 2nd Function 1M-PCBs				0.8028	1.000	0.00	0.000	0.000		NO	38.01	0.284	38.01	
228	228 Total Tetra-PCBs				1.0778	1.000	0.00	0.000	0.000		NO	101.0	0.322	101.0	
229	229 2nd Function Penta-PCBs				1.3167	1.000	0.00	0.000	0.000		NO	87.92	0.571	87.92	
230	230 4th Function Penta-PCBs				1.0725	1.000	0.00	0.000	0.000		NO	12.18	0.0878	12.18	
231	231 2nd Function Hexa-PCBs				0.8025	1.000	0.00	0.000	0.000		NO	32.88	0.0878	32.88	
232	232 4th Function Hexa-PCBs				1.0316	1.000	0.00	0.000	0.000		NO	68.72	0.272	68.72	
233	233 Total Hexa-PCBs				1.2328	1.000	0.00	0.000	0.000		NO	87.24	0.272	87.24	
234	234 4th Function Octa-PCBs				1.0008	1.000	0.00	0.000	0.000		NO	21.88	0.0803	21.88	
235	235 6th Function Octa-PCBs				1.1488	1.000	0.00	0.000	0.000		NO	6.974	0.0843	6.974	
236	236 Total Octa-PCBs				0.8023	1.000	0.00	0.000	0.000		NO	7.284	0.0887	7.284	
237	237 Deca-Cl				0.8884	1.000	0.00	0.000	0.000		NO	2.423	0.0878	2.423	
238	238 Total PCBs														

#	Name	PresLR	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	2.4687
2	132 PCB-184	43.47	43.48	1.863e4	1.820e4	1.000	1.00	NO	2.4670	2.4688
3	133 PCB-178	44.27	44.28	1.773e4	1.818e4	1.000	1.10	NO	2.5240	2.6238
4	134 PCB-176	44.70	44.77	1.708e4	1.803e4	1.000	1.07	NO	2.4420	2.4434
5	135 PCB-168	48.38	48.38	1.788e4	1.844e4	1.000	1.07	NO	2.4870	2.4870
6	136 PCB-170	48.80	48.80	1.171e4	1.142e4	1.000	1.02	NO	2.3880	2.3880
7	137 PCB-175	48.24	48.28	1.223e4	1.228e4	1.000	1.00	NO	2.4740	2.4738
8	138 PCB-182/187	48.42	48.43	2.811e4	2.824e4	1.000	1.00	NO	4.7440	4.7445
9	139 PCB-183	48.78	48.78	1.328e4	1.284e4	1.000	1.02	NO	2.4780	2.4748



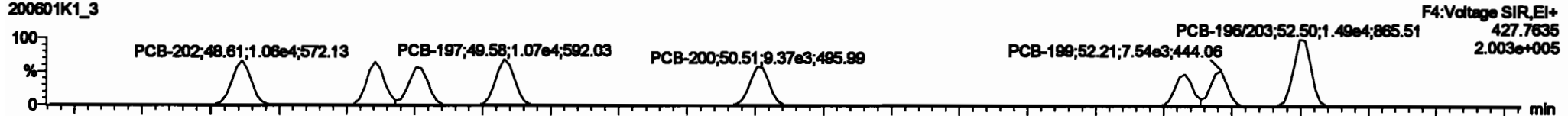
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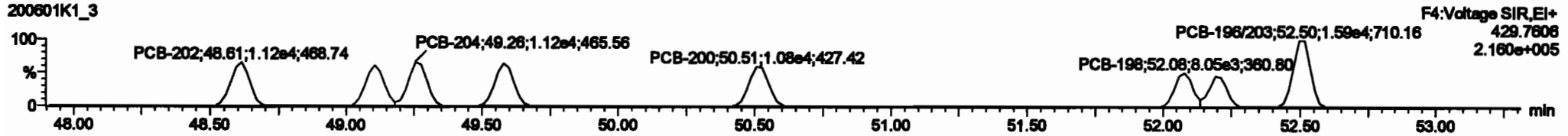
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PCB-202

200601K1_3

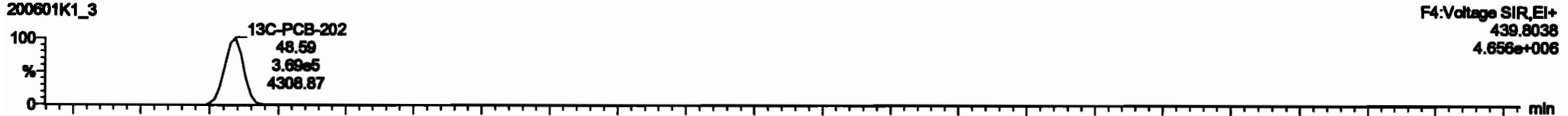


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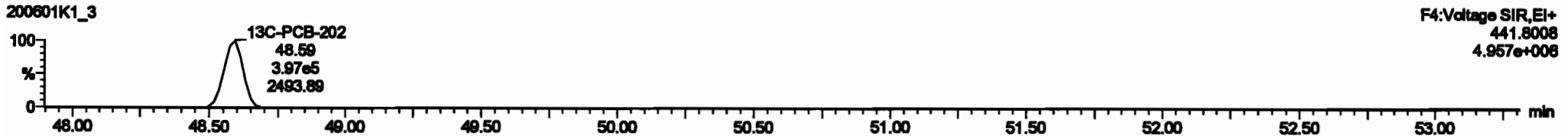


13C-PCB-202

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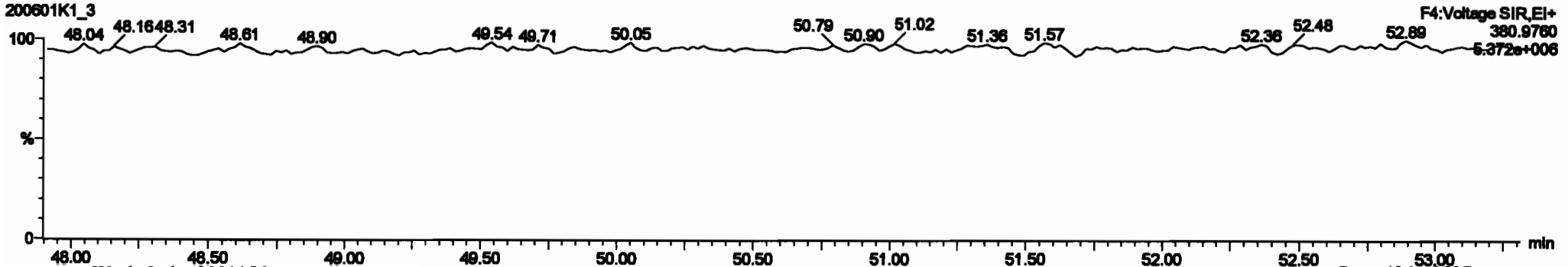


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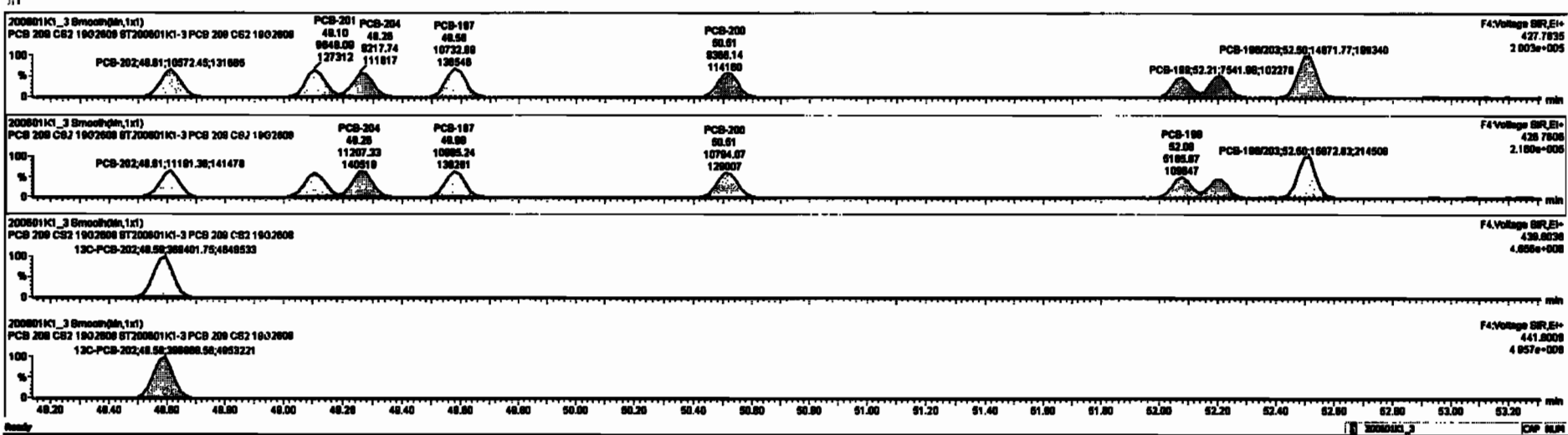
PFK4d

200601K1_3



#	Name	Qty	RA	Qty	RF	Qtd/Kit	Pos/Kit	RF	Pos/Kit	RF	Pos/Kit	Comp.	RF	Pos/Kit	Comp.	RF	Pos/Kit
227	2nd Function TM-PCBs				0.0000	1.000	0.00		0.000		NO	38.01		0.384	38.01		
228	Total Yolo-PCBs				1.0776	1.000	0.00		0.000		NO	101.0		0.322	101.0		
229	2nd Function Para-PCBs				1.3167	1.000	0.00		0.000		NO	67.62		0.321	67.62		
230	4th Function Para-PCBs				1.0735	1.000	0.00		0.000		NO	12.18		0.0070	12.18		
231	2nd Function Hase-PCBs				0.0000	1.000	0.00		0.000		NO	32.80		0.0070	32.80		
232	4th Function Hase-PCBs				1.0316	1.000	0.00		0.000		NO	68.73		0.272	68.73		
233	Total Hase-PCBs				1.3681	1.000	0.00		0.000		NO	67.74		0.480	67.74		
234	2nd Function Ode-PCBs				1.0000	1.000	0.00		0.000		NO	31.88		0.0000	31.88		
235	8th Function Ode-PCBs				1.4488	1.000	0.00		0.000		NO	6.974		0.0043	6.974		
236	Total Ode-PCBs				0.0023	1.000	0.00		0.000		NO	7.364		0.0007	7.364		
237	237 Desc-CD				0.0004	1.000	0.00		0.000		NO	2.423		0.0070	2.423		
238	238 Total RT2s																

#	Name	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
164	PCB-202	48.83	48.81	1.050e4	1.118e4	0.000	0.84	NO	2.4310	2.4312							
165	PCB-201	48.10	48.10	8.848e3	1.020e4	0.000	0.84	NO	2.4710	2.4712							
166	PCB-204	48.28	48.28	8.218e3	1.121e4	0.000	0.82	NO	2.3380	2.3380							
167	PCB-187	48.88	48.88	1.072e4	1.088e4	0.000	0.88	NO	2.4816	2.4808							
168	PCB-200	60.61	60.61	8.388e3	1.070e4	0.000	0.87	NO	2.4880	2.4881							
169	PCB-188	62.88	62.88	8.000e3	8.188e3	0.000	0.88	NO	2.4770	2.4772							
170	PCB-189	62.18	62.21	7.842e3	7.826e3	0.000	1.00	NO	2.4300	2.4287							
181	PCB-188203	62.82	62.80	1.489e4	1.887e4	0.000	0.84	NO	4.7670	4.7687							



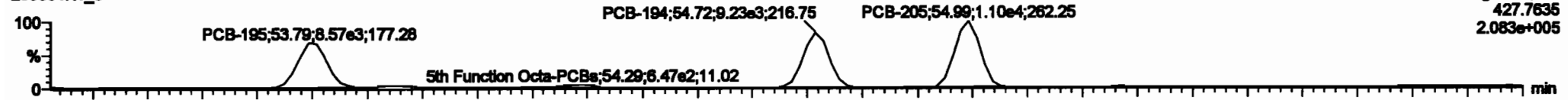
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

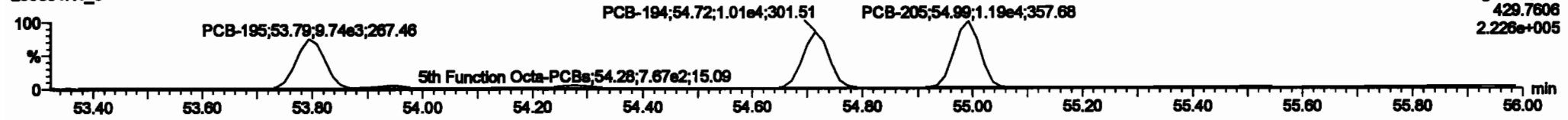
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PCB-195

200801K1_3

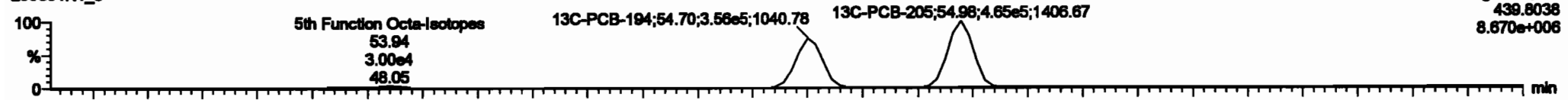


200801K1_3

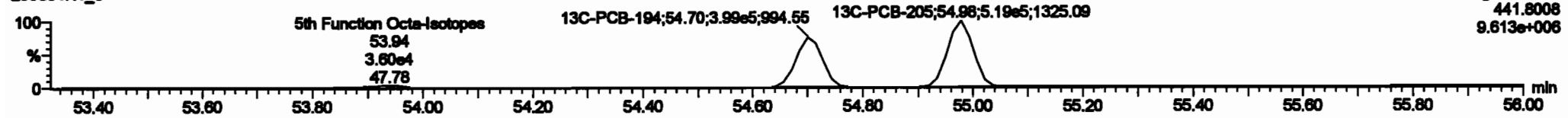


13C-PCB-194

200801K1_3

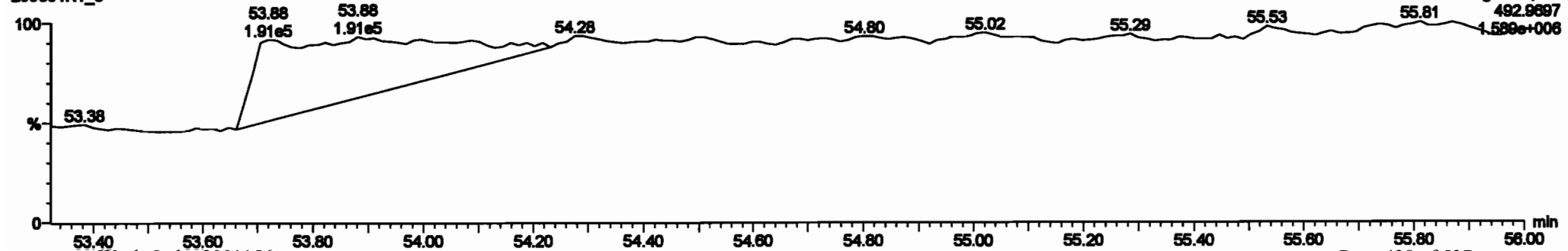


200801K1_3



PFK5a

200801K1_3



Dataset: Untitled

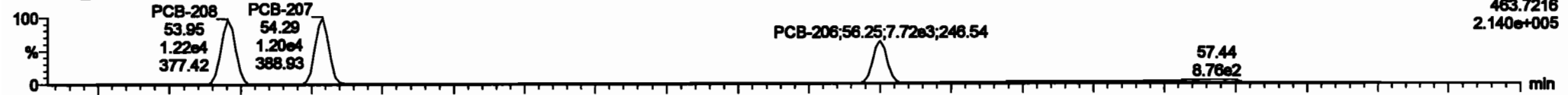
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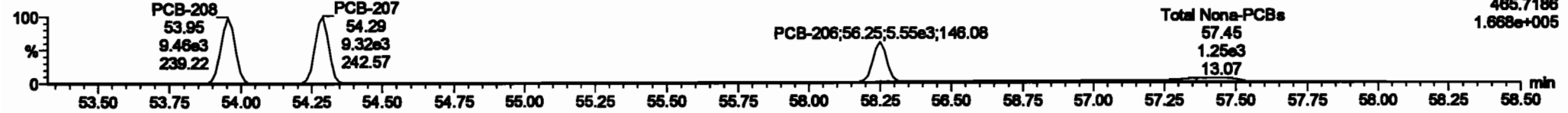
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PCB-208

200601K1_3

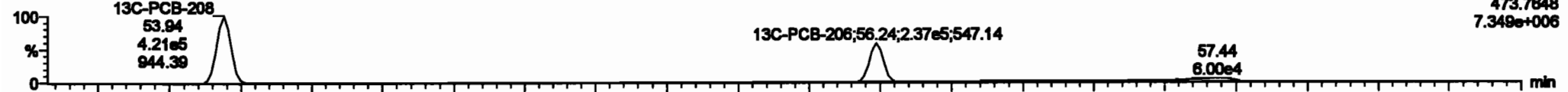


200601K1_3

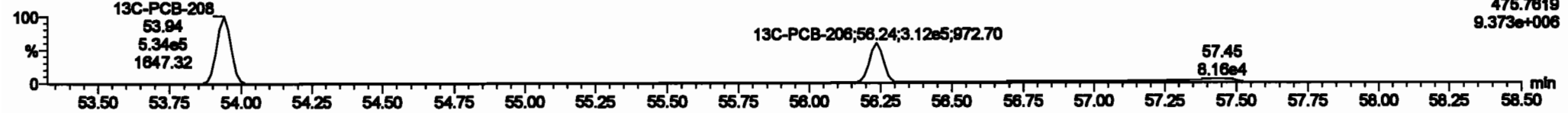


13C-PCB-208

200601K1_3

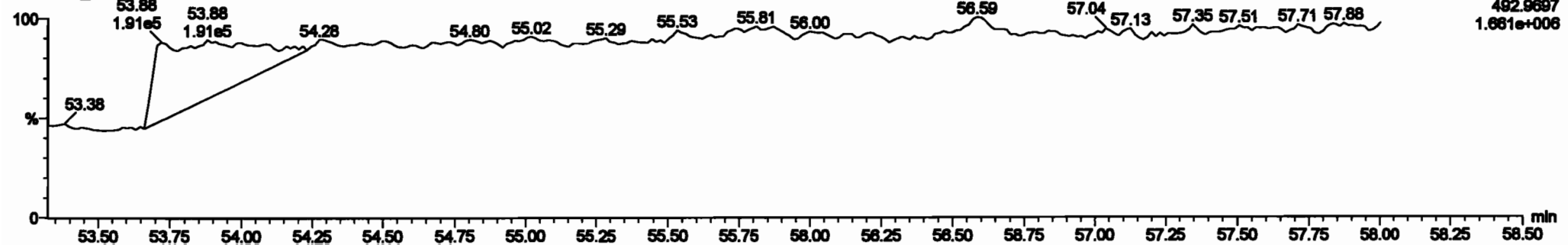


200601K1_3



PFK5

200601K1_3



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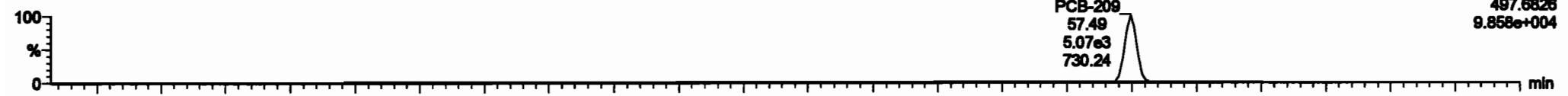
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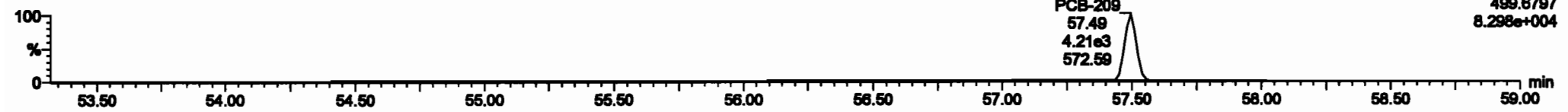
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PCB-209

200601K1_3

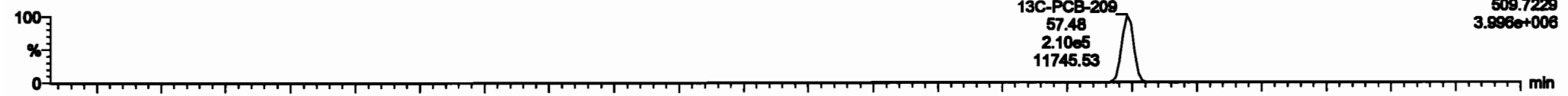


200601K1_3

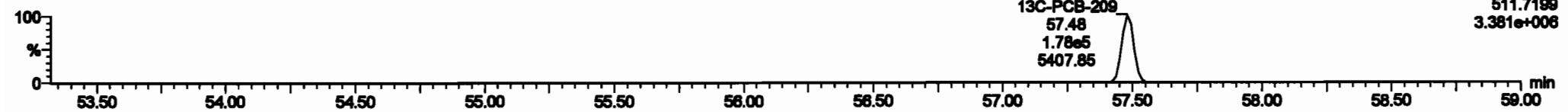


13C-PCB-209

200601K1_3

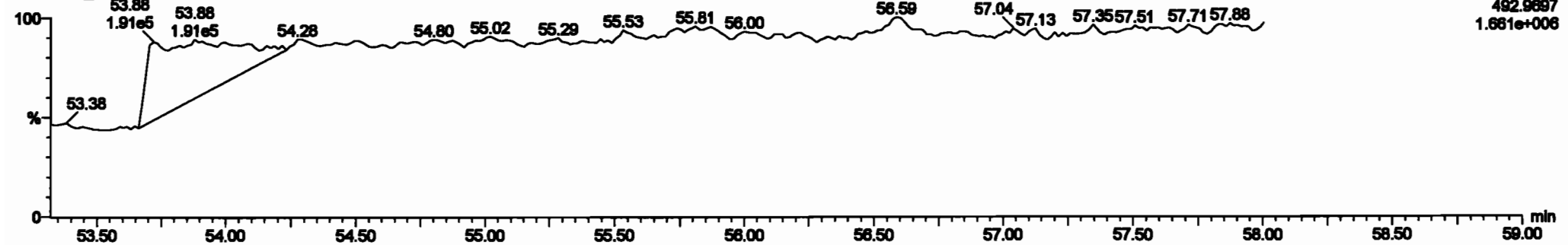


200601K1_3



PFK5b

200601K1_3



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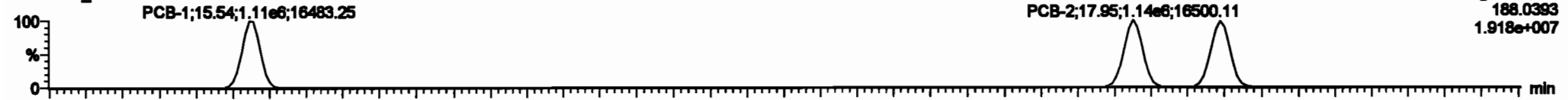
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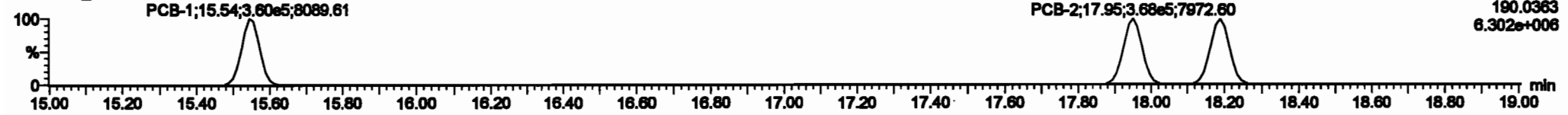
Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

PCB-1

200601K1_4

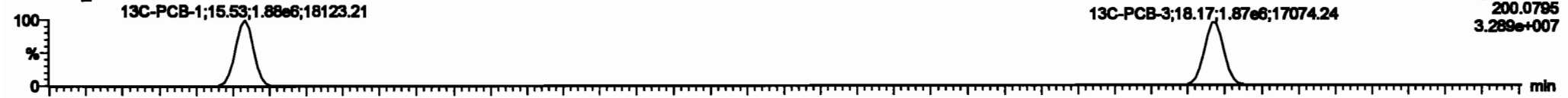


200601K1_4

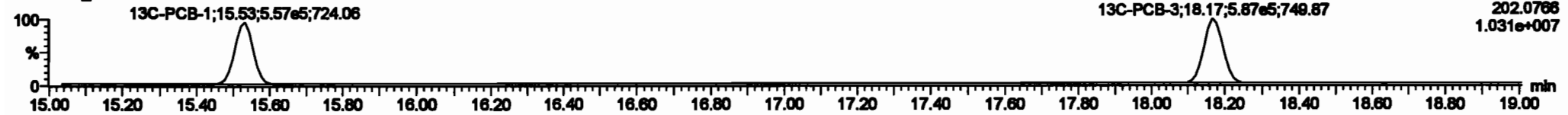


13C-PCB-1

200601K1_4

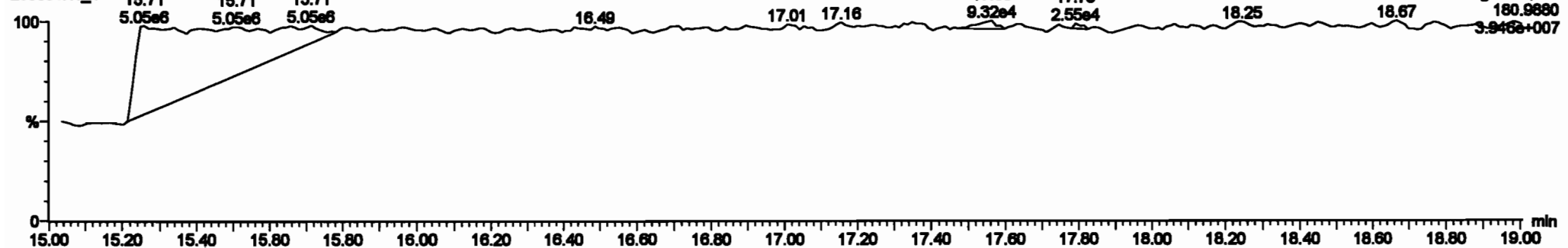


200601K1_4



PFK1

200601K1_4



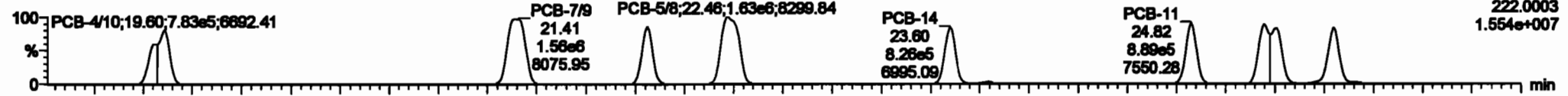
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

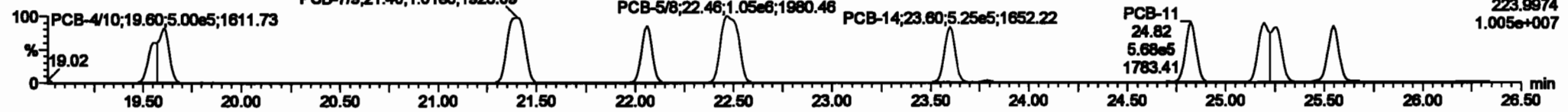
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PCB-4/10

200601K1_4

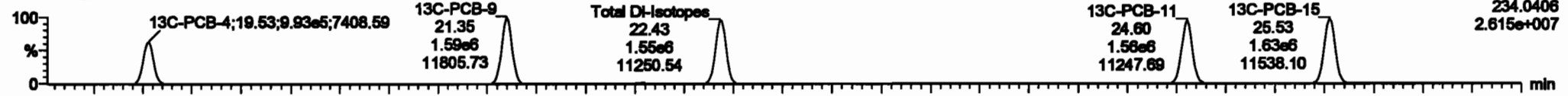


200601K1_4

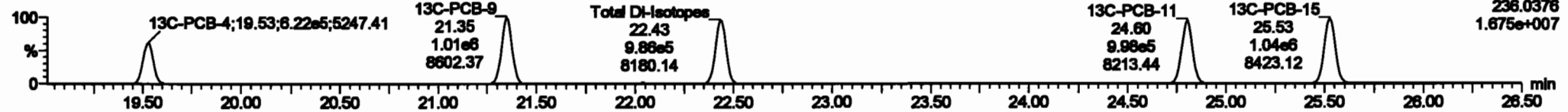


13C-PCB-4

200601K1_4

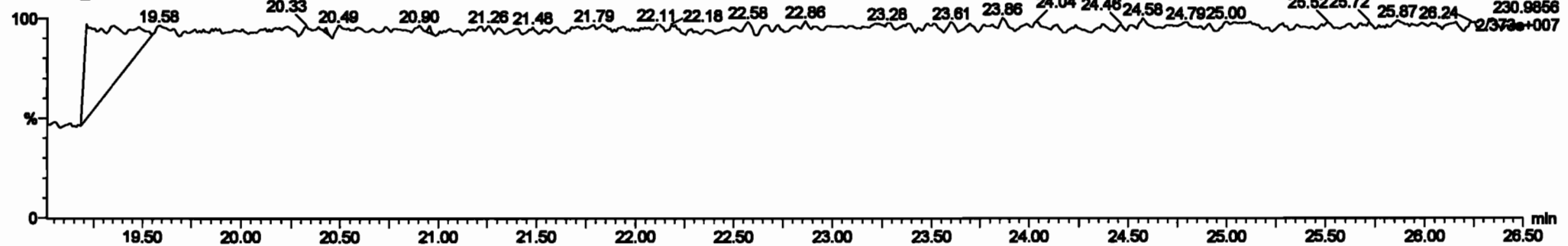


200601K1_4



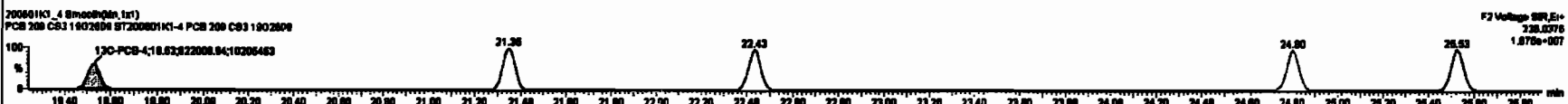
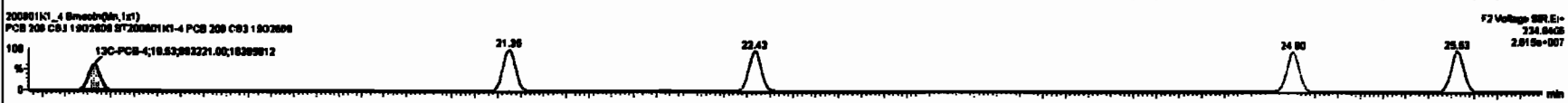
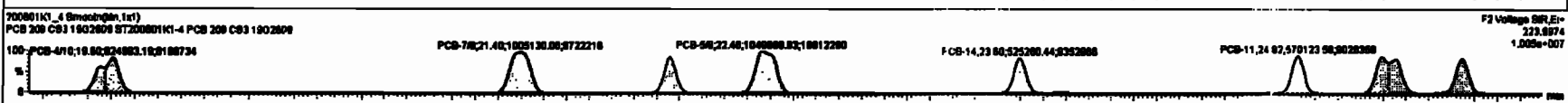
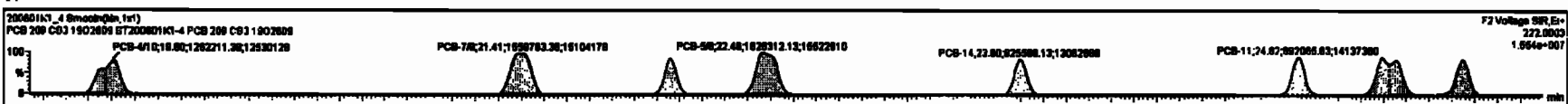
PFK2a

200601K1_4



#	Name	Temp	RA	dy	RF	width	PeakOff	RT	PeakR	RF	RT	Peak	Area	Width	RT	RFPC
224	Total Mono-PCBs				1.885	1.00	0.00	0.000	ND	188.1			0.0043	188.1		
225	Total Tri-PCBs				1.887	1.00	0.00	0.000	ND	188.7			0.0043	188.7		
226	2nd Function Tri-PCBs				1.887	1.00	0.00	0.000	ND	412.0			0.0070	412.0		
227	2nd Function Para-PCBs				0.0028	1.00	0.00	0.000	ND	018.1			0.371	018.1		
228	Total Tetra-PCBs				1.8778	1.00	0.00	0.000	ND	2171			0.943	2171		
229	2nd Function Para-PCBs				1.3167	1.00	0.00	0.000	ND	2108			0.826	2108		
230	4th Function Para-PCBs				1.8728	1.00	0.00	0.000	ND	281.1			0.182	281.1		
231	2nd Function Hexa-PCBs				0.0000	1.00	0.00	0.000	ND	887.0			0.188	887.0		
232	4th Function Hexa-PCBs				1.8818	1.00	0.00	0.000	ND	1481			1.88	1481		
233	Total Hepta-PCBs				1.3881	1.00	0.00	0.000	ND	1280			1.38	1280		
234	4th Function Octa-PCBs				1.8800	1.00	0.00	0.000	ND	448.1			0.320	448.1		
235	Total Function Octa-PCBs				1.4881	1.00	0.00	0.000	ND	176.1			0.361	176.1		

#	Name	Temp	RA	dy	RF	width	PeakOff	RT	PeakR	RF	RT	Peak	Area	Width	RT	RFPC
1	PCB-4/8				18.81	18.80	1.280e8	0.330e6	1.880	1.83	ND	103.84	183.08			
2	PCB-7/8				21.41	21.41	1.880e8	1.000e6	1.880	1.88	ND	102.88	182.88			
3	PCB-8				22.88	22.88	8.100e5	8.280e5	1.880	1.88	ND	80.481	80.481			
4	PCB-9/8				22.48	22.48	1.880e8	1.000e6	1.880	1.88	ND	103.88	183.88			
5	PCB-14				23.81	23.80	8.280e5	8.280e5	1.880	1.87	ND	81.838	81.838			
6	PCB-11				24.82	24.82	8.001e5	8.701e5	1.880	1.87	ND	88.775	88.775			
7	PCB-12/13				26.25	26.28	1.843e5	1.000e6	1.880	1.84	ND	183.30	183.30			
8	PCB-15				26.87	26.88	8.428e5	8.428e5	1.880	1.88	ND	82.382	82.382			

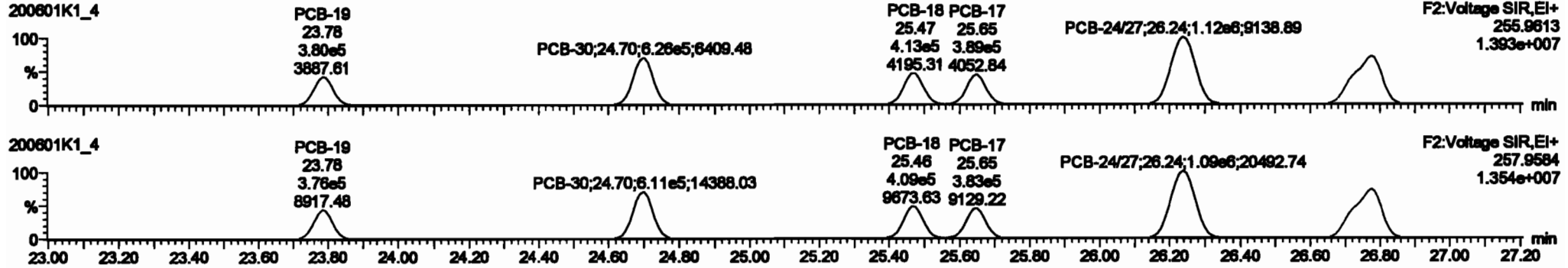


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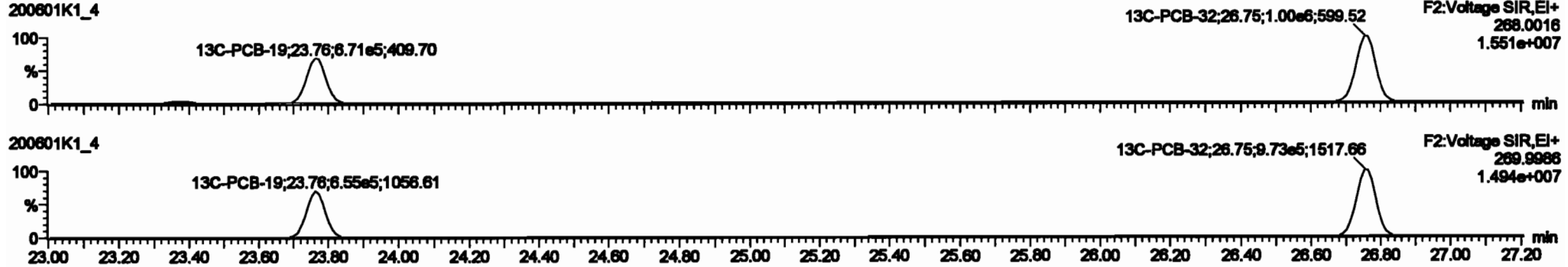
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 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

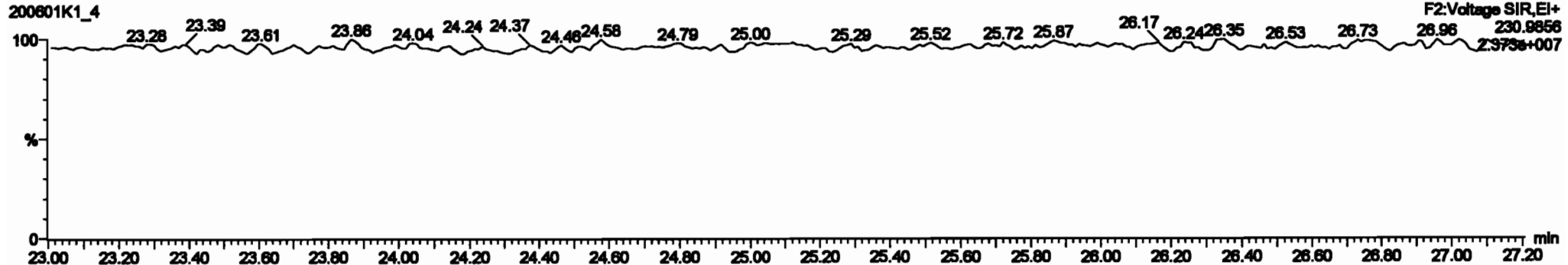
PCB-19



13C-PCB-19



PFK2b



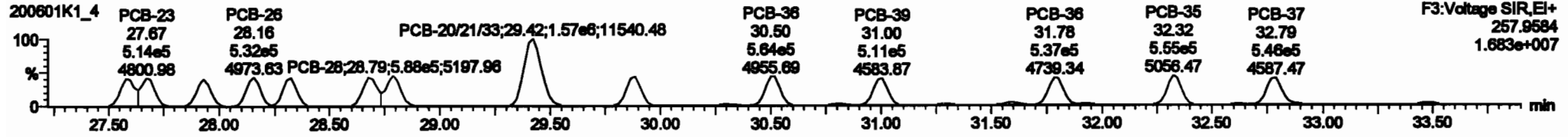
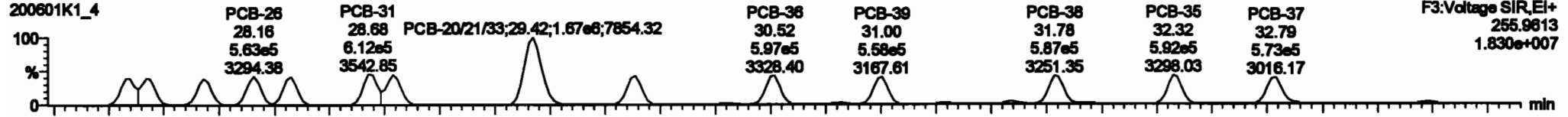
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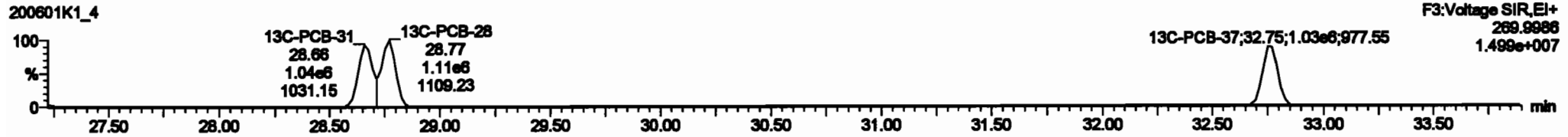
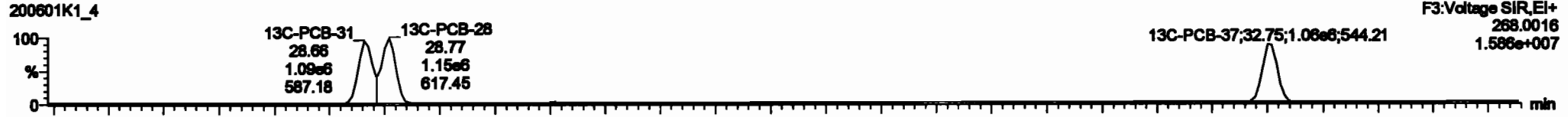
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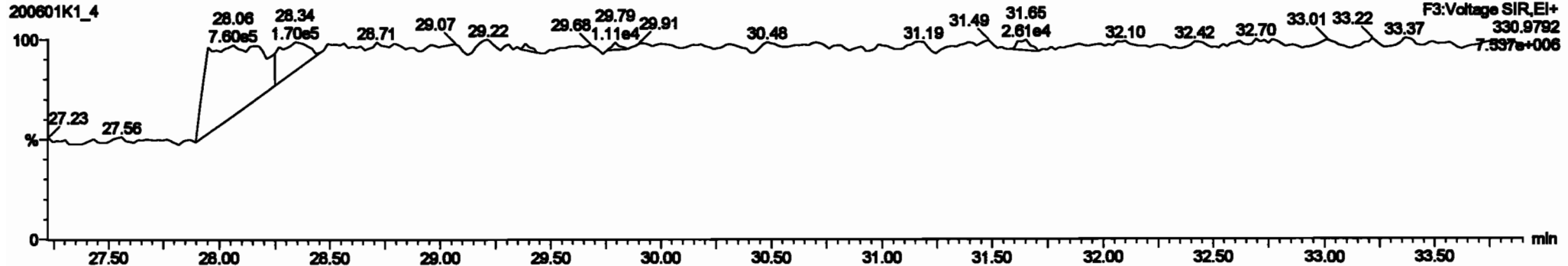
PCB-34



13C-PCB-28

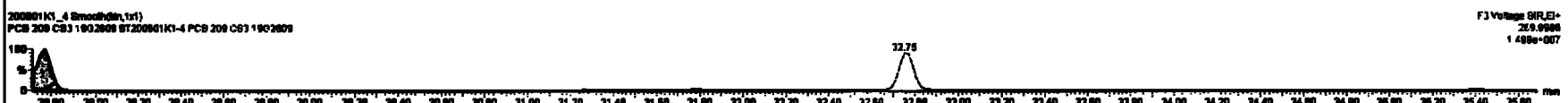
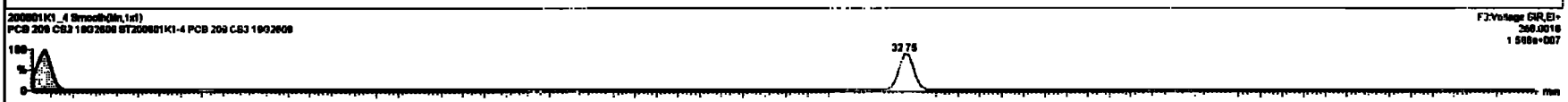
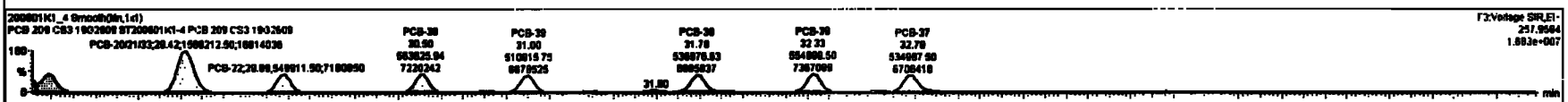
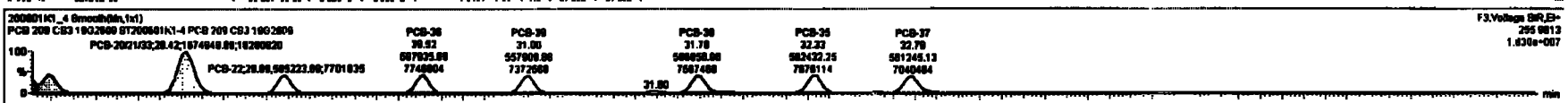


PFK3d



#	Material	Usage	SA	Qty	Unit	Cost	Unit Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost
224	Total Mono-PCBs			1.000	0.00	0.000	0.000	0.000	NO	188.1	0.000	188.1					
225	Total Di-PCBs			1.000	0.00	0.000	0.000	0.000	NO	818.4	0.280	818.4					
226	2nd Function Tri-PCBs			1.000	0.00	0.000	0.000	0.000	NO	412.8	0.000	412.8					
227	3rd Function Tetra-PCBs			1.000	0.00	0.000	0.000	0.000	NO	305.0	0.390	305.0					
228	Total Tetra-PCBs			1.000	0.00	0.000	0.000	0.000	NO	2171	0.940	2171					
229	2nd Function Penta-PCBs			1.2187	0.00	0.000	0.000	0.000	NO	2108	0.828	2108					
230	4th Function Penta-PCBs			1.0735	0.00	0.000	0.000	0.000	NO	281.1	0.182	281.1					
231	3rd Function Hexa-PCBs			0.8806	0.00	0.000	0.000	0.000	NO	887.0	0.188	887.0					
232	4th Function Hexa-PCBs			1.0216	0.00	0.000	0.000	0.000	NO	1481	1.29	1481					
233	Total Hepta-PCBs			1.3981	0.00	0.000	0.000	0.000	NO	1290	1.28	1290					
234	4th Function Octa-PCBs			1.0008	0.00	0.000	0.000	0.000	NO	448.1	0.322	448.1					
235	Total 8th Function Octa-PCBs			1.1488	0.00	0.000	0.000	0.000	NO	158.1	0.280	158.1					

#	Material	Usage	SA	Qty	Unit	Cost	Unit Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost	Ext Cost
18	PCB-34			27.80	27.80	5.93e+5	2.13e+5	1.040	1.08	NO	80.487	80.487					
19	PCB-20			27.87	27.87	6.281e+5	2.14e+5	1.040	1.08	NO	82.828	82.828					
20	PCB-28			27.80	27.80	6.218e+5	2.23e+5	1.040	1.08	NO	80.240	80.240					
21	PCB-26			28.18	28.18	6.822e+5	2.32e+5	1.040	1.08	NO	81.287	81.287					
22	PCB-25			28.21	28.22	6.916e+5	2.21e+5	1.040	1.08	NO	80.288	80.288					
23	PCB-31			28.88	28.88	6.118e+5	2.38e+5	1.040	1.14	NO	48.828	48.828					
24	PCB-28			28.78	28.78	6.280e+5	2.87e+5	1.040	1.08	NO	82.734	82.734					
25	PCB-202103			28.43	28.42	1.878e+6	1.88e+6	1.040	1.07	NO	182.26	182.26					
26	PCB-22			28.87	28.88	6.882e+5	6.48e+5	1.040	1.08	NO	81.848	81.848					

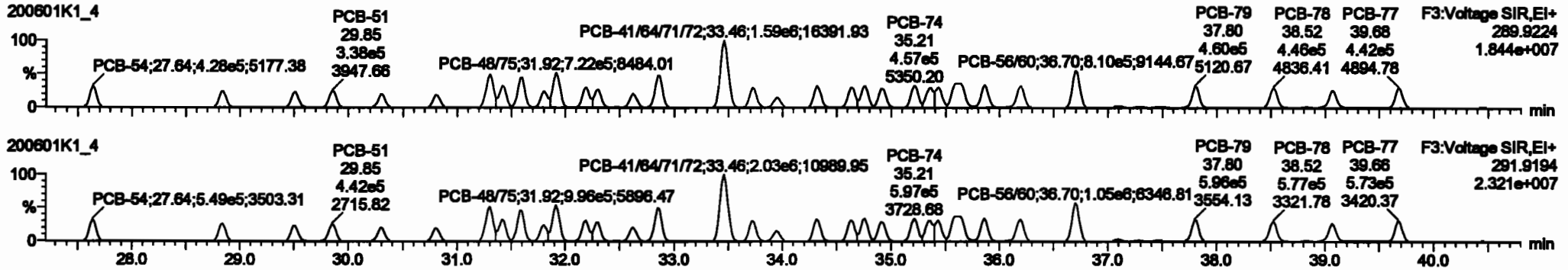


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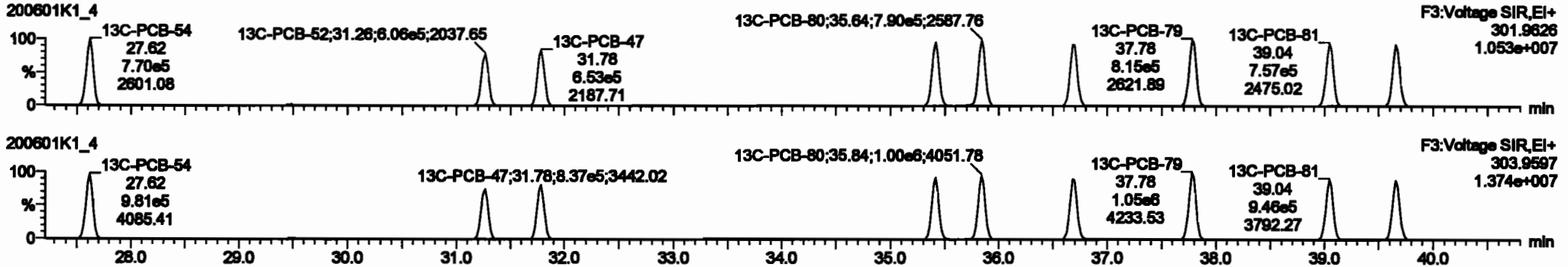
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

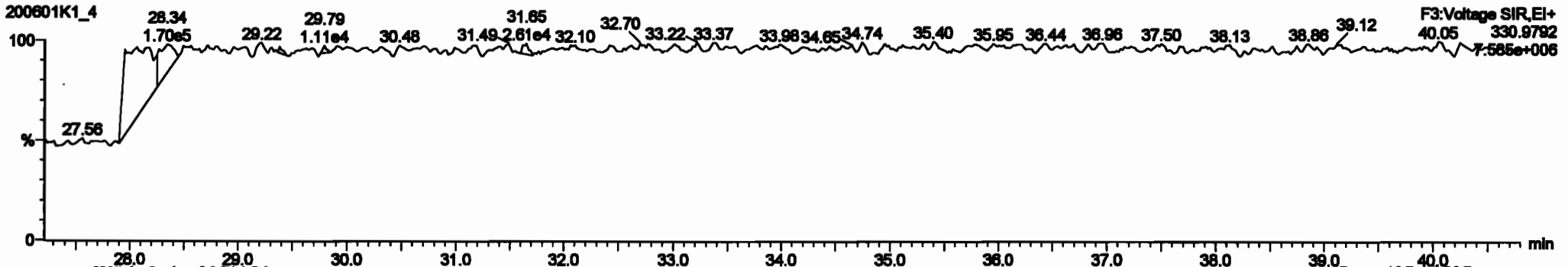
PCB-54



13C-PCB-54



PFK3a



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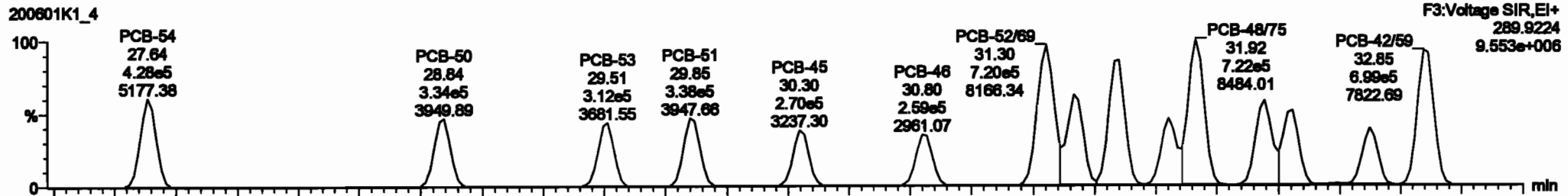
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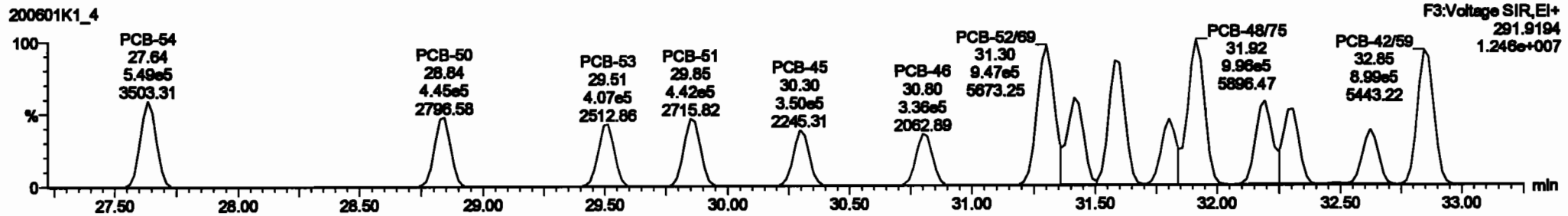
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PCB-50

200601K1_4

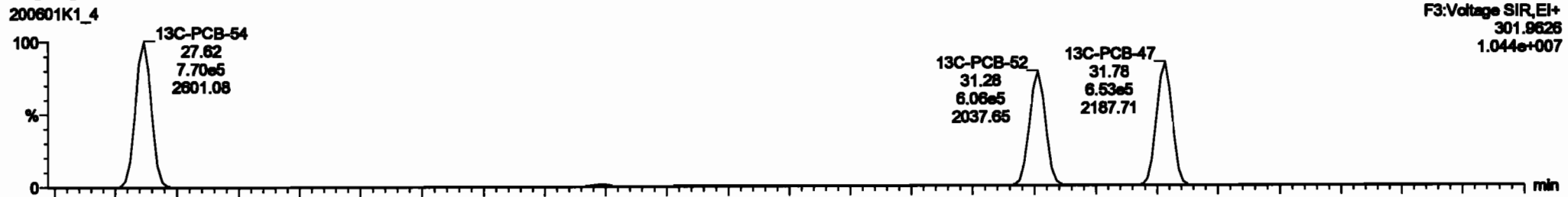


200601K1_4

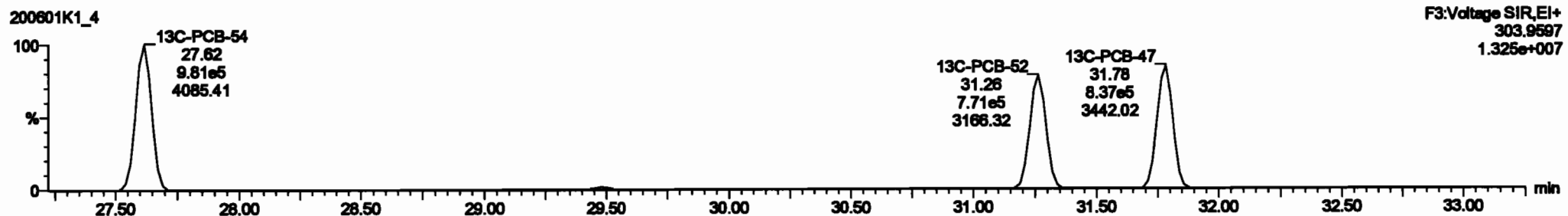


13C-PCB-52

200601K1_4

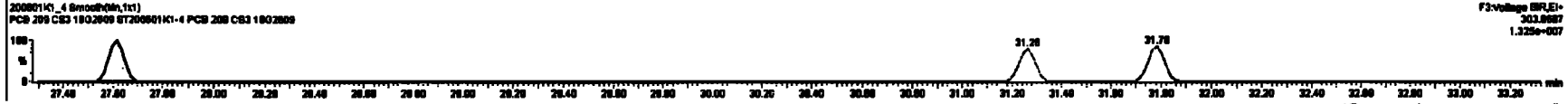
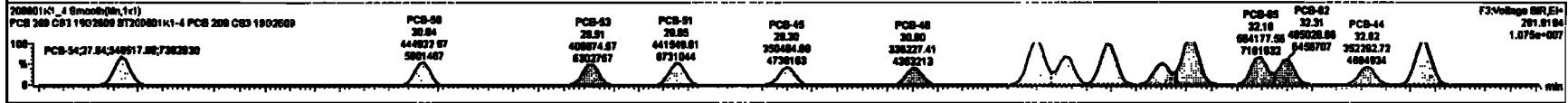
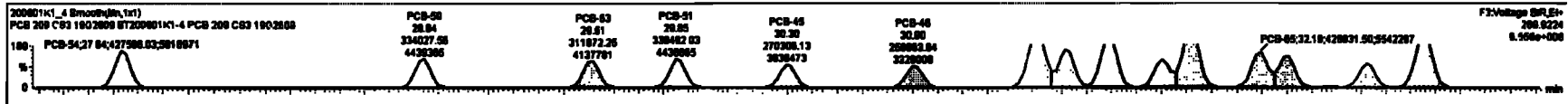


200601K1_4



#	Name	Range	RA	dy	W/F	valdet	PeakRT	RT	PeakRT	Area	W/F	Comp.	Ratio	DL	MSPC
226	Total Mono-PCBs				1.000	1.000	0.00	0.000	NO	188.1			0.000	188.1	
227	Total Di-PCBs				1.000	1.000	0.00	0.000	NO	618.4			0.000	618.4	
228	Total Tri-PCBs				1.000	1.000	0.00	0.000	NO	412.5			0.000	412.5	
229	1st Function Tri-PCBs				0.000	1.000	0.00	0.000	NO	618.1			0.000	618.1	
230	2nd Function Tri-PCBs				1.000	0.000	0.00	0.000	NO	227.0			0.000	227.0	
231	3rd Function Tri-PCBs				1.000	0.000	0.00	0.000	NO	248.0			0.000	248.0	
232	4th Function Tri-PCBs				0.000	1.000	0.00	0.000	NO	287.0			0.000	287.0	
233	5th Function Tri-PCBs				1.000	0.000	0.00	0.000	NO	148.0			0.000	148.0	
234	Total Tetra-PCBs				1.000	1.000	0.00	0.000	NO	128.0			0.000	128.0	
235	1st Function Tetra-PCBs				1.000	0.000	0.00	0.000	NO	446.1			0.000	446.1	
236	2nd Function Tetra-PCBs				1.000	0.000	0.00	0.000	NO	184.1			0.000	184.1	

#	Name	Value	RT	W/F	PeakRT	Area	W/F	Comp.	Ratio
32	PCB-84	27.84	27.84	4.270e5	6.499e5	0.770	0.78	NO	91.824
33	PCB-89	28.89	28.84	3.240e5	4.449e5	0.770	0.78	NO	90.978
34	PCB-89	28.89	28.81	3.120e5	4.089e5	0.770	0.77	NO	82.288
35	PCB-91	28.89	28.85	3.280e5	4.419e5	0.770	0.77	NO	93.201
36	PCB-45	30.30	30.30	2.700e5	3.600e5	0.770	0.77	NO	82.288
37	PCB-45	30.30	30.35	2.850e5	3.800e5	0.770	0.77	NO	82.288
38	PCB-49	31.31	31.20	1.200e5	1.600e5	0.770	0.78	NO	103.000
39	PCB-73	31.41	31.41	4.800e5	6.400e5	0.770	0.78	NO	82.288
40	PCB-49	31.89	31.89	6.200e5	8.314e5	0.770	0.77	NO	108.000



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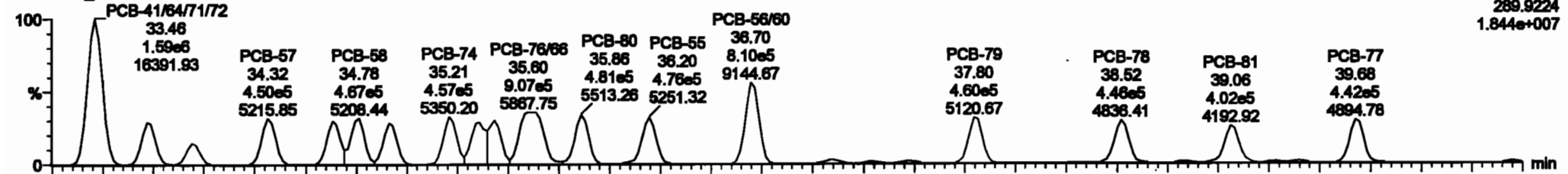
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

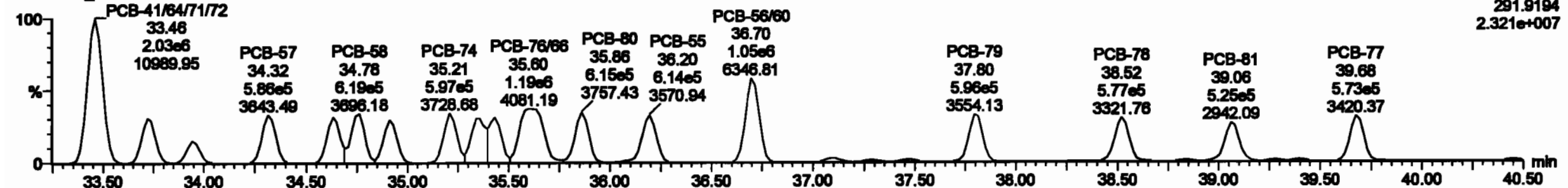
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PCB-68

200601K1_4

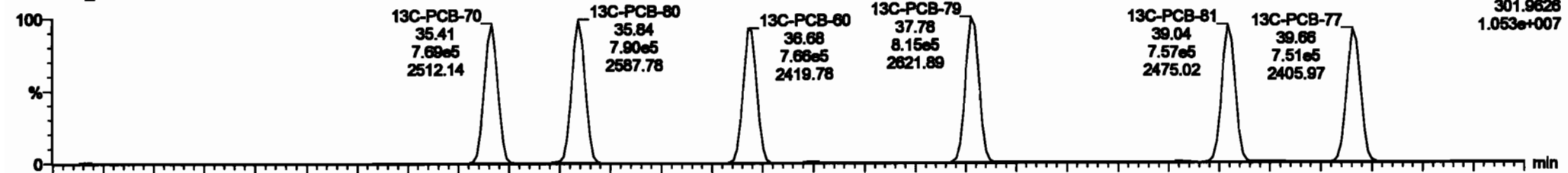


200601K1_4

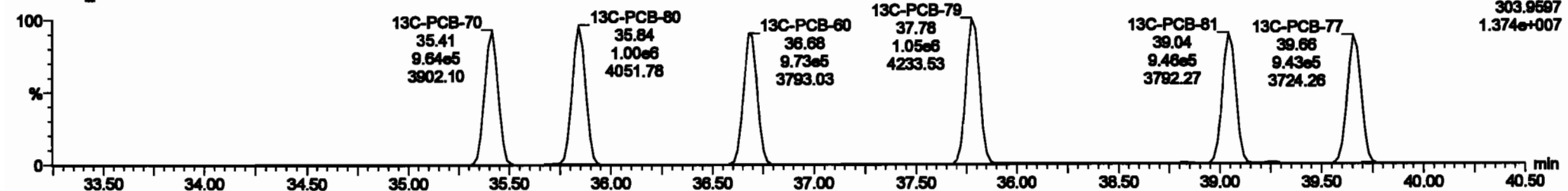


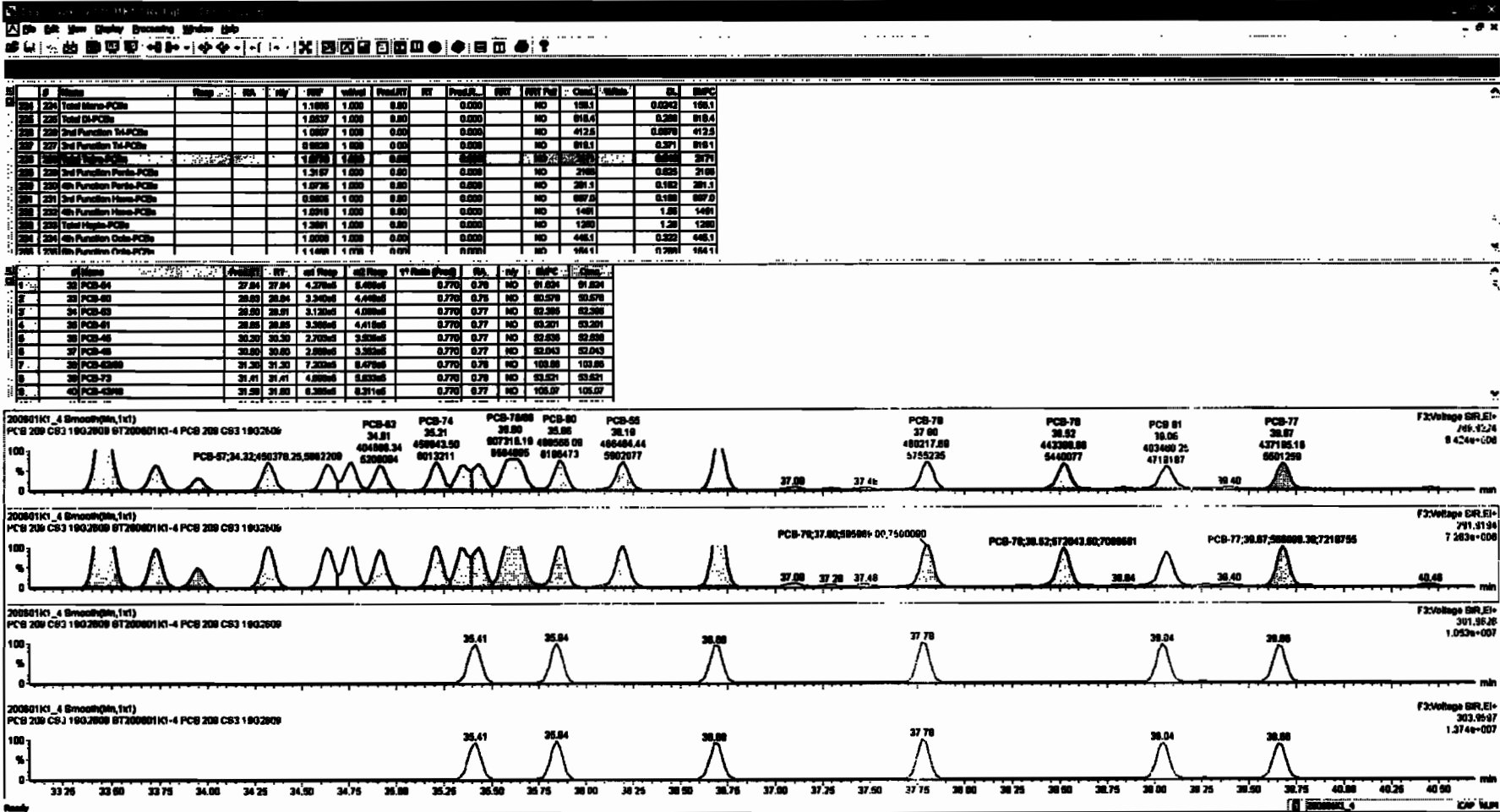
13C-PCB-60

200601K1_4



200601K1_4





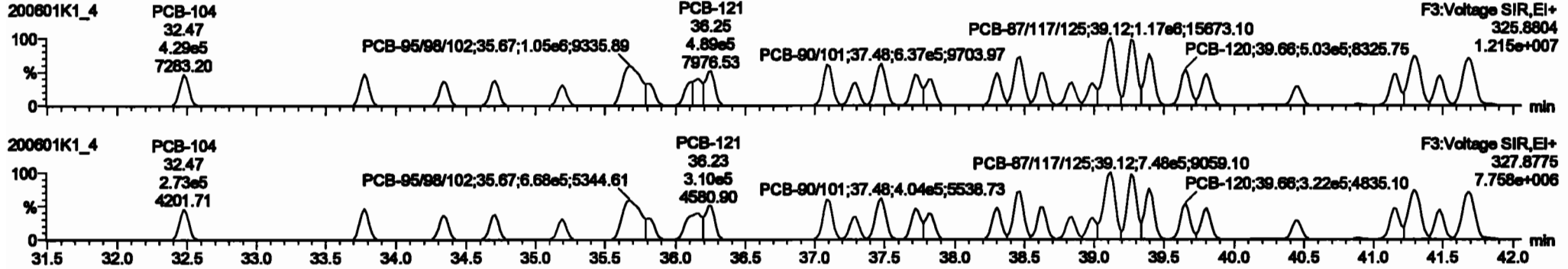
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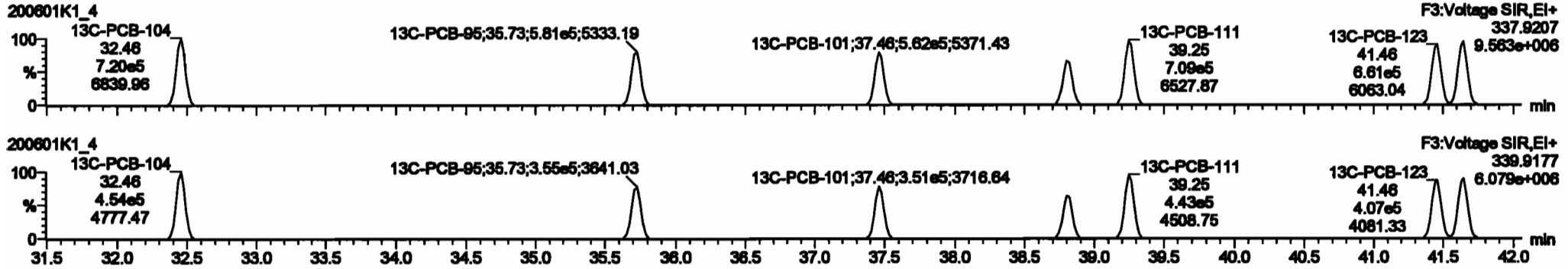
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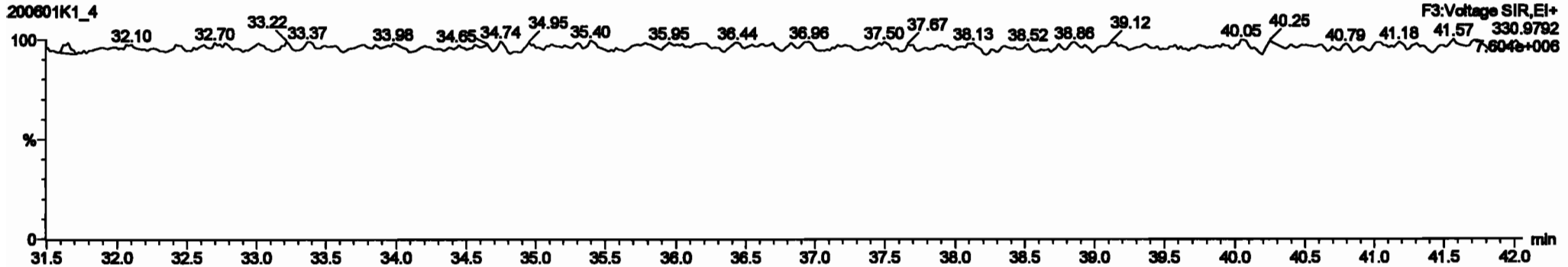
PCB-104



13C-PCB-104



PFK3b



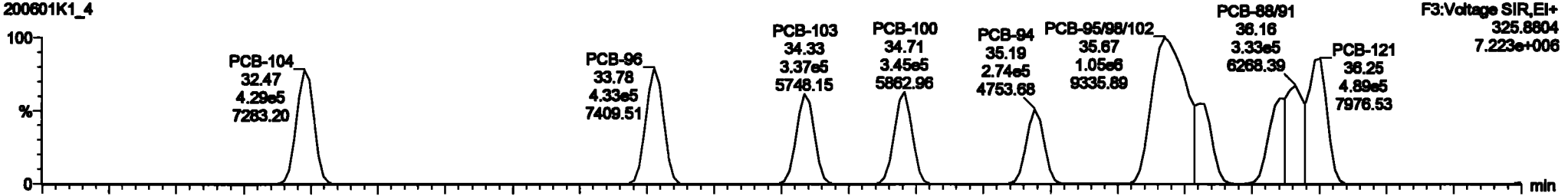
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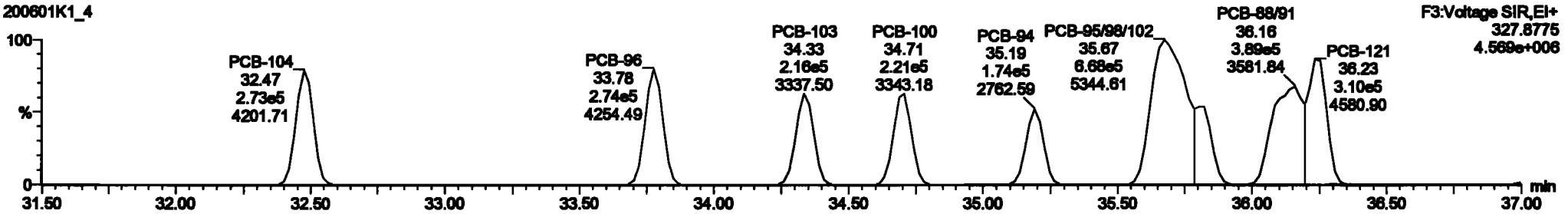
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PCB-96

200601K1_4

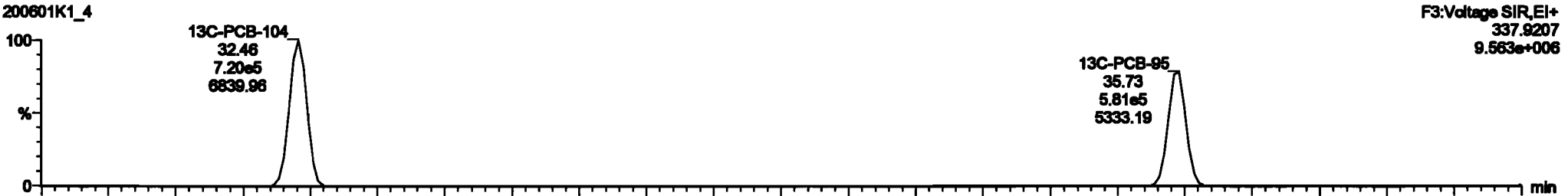


200601K1_4

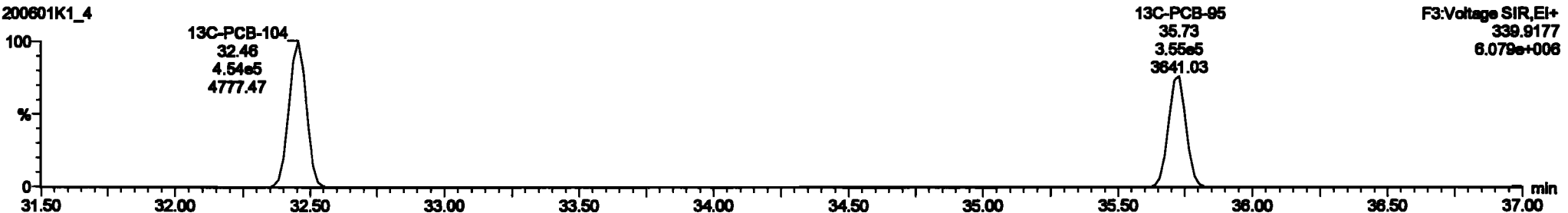


13C-PCB-95

200601K1_4

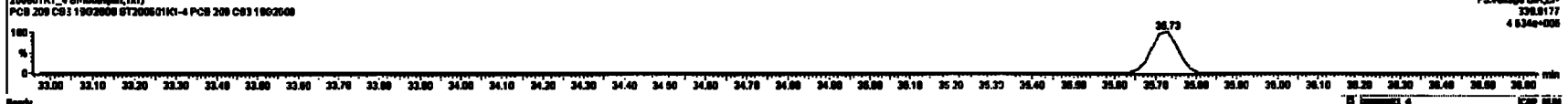
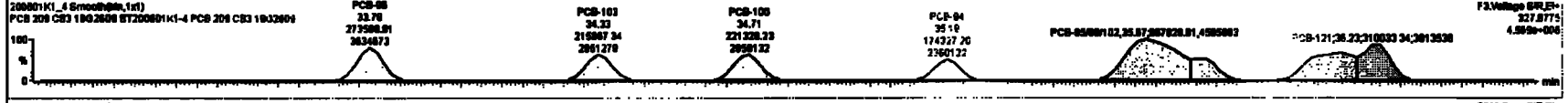
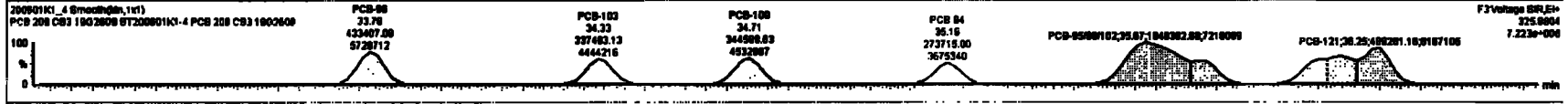


200601K1_4



#	Category	Wgt	Vol	Qty	WPC	Vol/W	Prod/WT	RT	Prod/R	WPC	WPC/Pct	Cont	Value	CU	WPC
224	Total Micro-PCBs			1.000	1.000	0.00		0.000	ND	100.1	0.0242	100.1			
225	Total BL-PCBs			1.000	1.000	0.00		0.000	ND	018.4	0.200	018.4			
226	Total 2nd Parallels TM-PCBs			1.000	1.000	0.00		0.000	ND	412.0	0.000	412.0			
227	Total 2nd Parallels TM-PCBs			0.000	1.000	0.00		0.000	ND	018.1	0.000	018.1			
228	Total Value-PCBs			1.000	1.000	0.00		0.000	ND	2171	0.000	2171			
229	Total Value-PCBs			1.000	1.000	0.00		0.000	ND	2171	0.000	2171			
230	4th Parallel Parale-PCBs			1.000	1.000	0.00		0.000	ND	201.1	0.140	201.1			
231	2nd Parallel Home-PCBs			0.000	1.000	0.00		0.000	ND	007.0	0.100	007.0			
232	4th Parallel Home-PCBs			1.000	1.000	0.00		0.000	ND	1401	1.00	1401			
233	Total High-PCBs			1.000	1.000	0.00		0.000	ND	1200	1.20	1200			
234	4th Parallel Chn-PCBs			1.000	1.000	0.00		0.000	ND	446.1	0.302	446.1			
235	4th Parallel Chn-PCBs			1.000	1.000	0.00		0.000	ND	004.1	0.000	004.1			

#	Category	Prod/WT	RT	Vol/Wgt	Vol/Wgt	WPC	WPC	WPC	WPC	WPC	WPC	WPC	WPC	WPC	WPC
01	PCB-104	32.47	32.47	4.200e6	2.720e6	1.000	1.07	ND	00.204	00.204					
02	PCB-08	33.70	33.70	4.200e6	2.720e6	1.000	1.00	ND	02.100	02.100					
03	PCB-103	34.23	34.23	3.200e6	2.100e6	1.000	1.00	ND	00.200	00.200					
04	PCB-100	34.00	34.71	3.400e6	2.300e6	1.000	1.00	ND	00.010	00.010					
05	PCB-04	35.20	35.10	2.700e6	1.700e6	1.000	1.07	ND	00.000	00.000					
06	PCB-05000102	35.00	35.07	1.000e6	0.600e6	1.000	1.07	ND	100.00	100.00					
07	PCB-03	35.01	35.01	2.000e6	1.700e6	1.000	1.00	ND	00.000	00.000					
08	PCB-0000	35.10	35.10	0.000e6	0.000e6	1.000	1.00	ND	100.00	100.00					
09	PCB-121	35.20	35.20	4.000e6	3.000e6	1.000	1.00	ND	00.000	00.000					



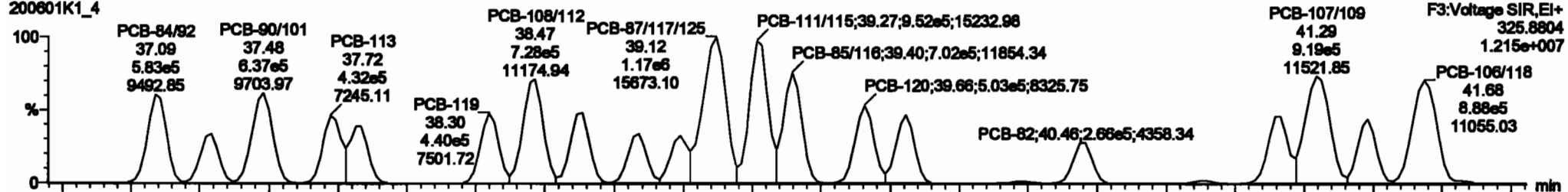
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

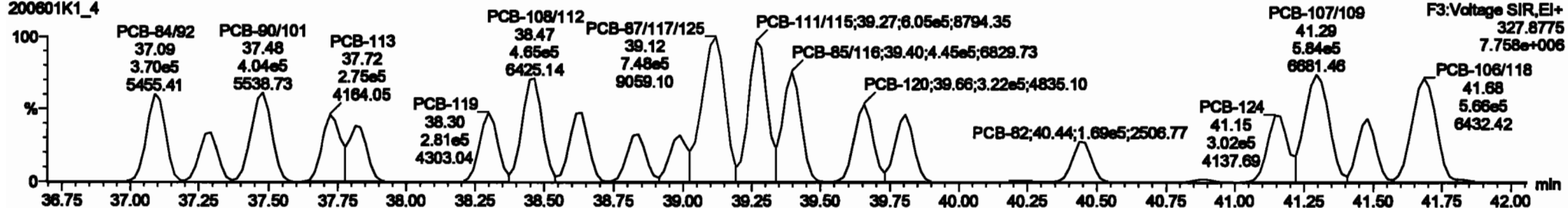
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PCB-119

200601K1_4

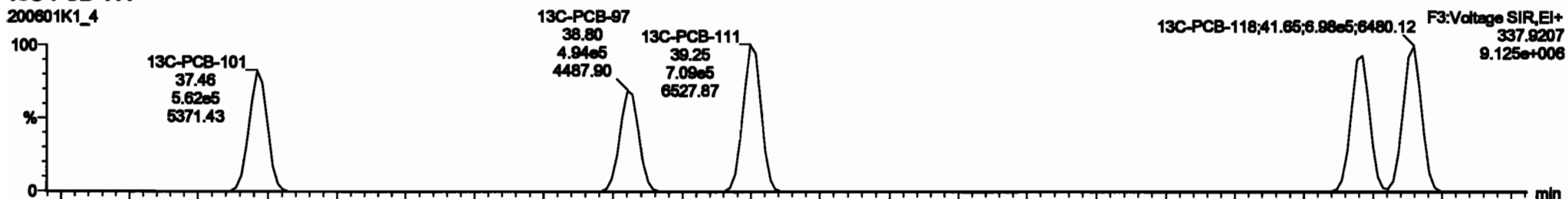


200601K1_4

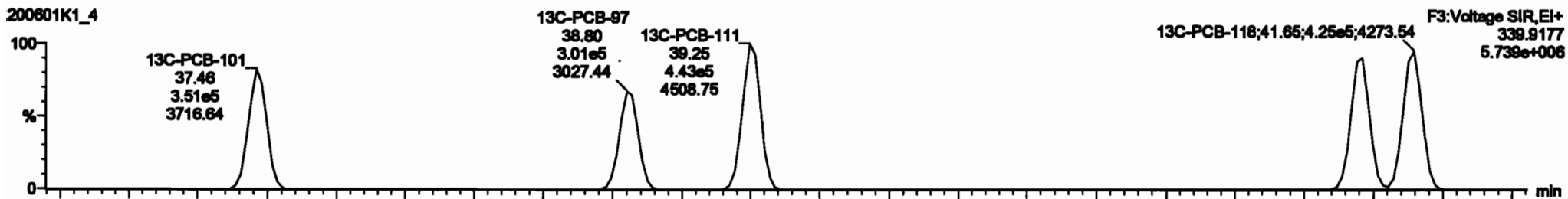


13C-PCB-111

200601K1_4

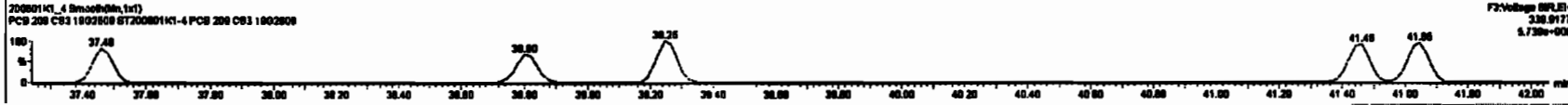
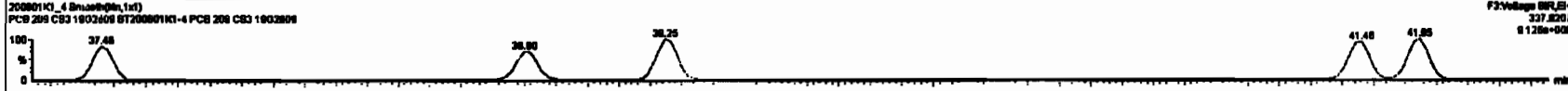
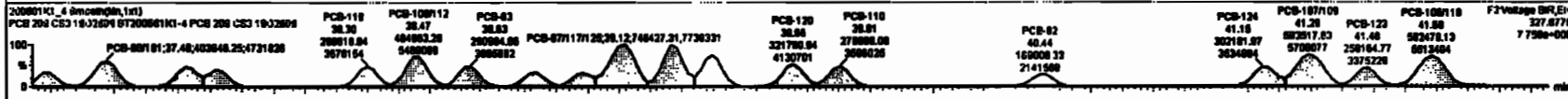
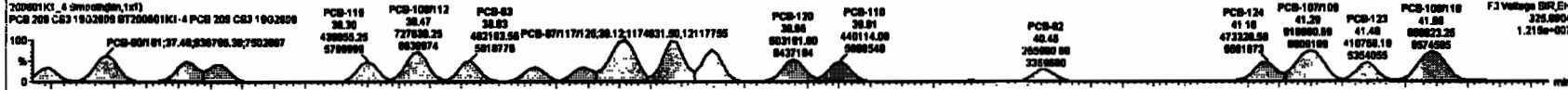


200601K1_4



#	Name	Range	BA	dy	off	width	PresAtt	DF	PresPr	RTT	RTT Pat	Class	Units	SL	BPFC
226	Total Micro-PCBs				1.1898	1.2000	0.00	0.000	NO	188.1			0.0040	188.1	
228	Total D-PCBs				1.2637	1.2000	0.00	0.000	NO	818.4			0.268	818.4	
229	2nd Function TM-PCBs				1.2807	1.2000	0.00	0.000	NO	412.8			0.0070	412.8	
227	2nd Function TM-PCBs				0.8808	1.2000	0.00	0.000	NO	816.1			0.371	816.1	
228	Total TMS-PCBs				1.2776	1.2000	0.00	0.000	NO	2171			0.347	2171	
226	Total Function-PCBs				1.2599	1.2000	0.00	0.000	NO	2997			0.250	2997	
229	6th Function Hires-PCBs				1.0738	1.000	0.00	0.000	NO	281.1			0.180	281.1	
230	2nd Function Hires-PCBs				0.8808	1.000	0.00	0.000	NO	897.0			0.180	897.0	
229	6th Function Hires-PCBs				1.0918	1.000	0.00	0.000	NO	1481			1.00	1481	
228	Total Hires-PCBs				1.2881	1.000	0.00	0.000	NO	1280			1.28	1280	
229	6th Function Code-PCBs				1.0008	1.000	0.00	0.000	NO	446.1			0.320	446.1	
228	6th Function Code-PCBs				1.1498	1.000	0.00	0.000	NO	184.1			0.288	184.1	

#	Name	PresAtt	DF	off Range	width Range	1st Peak (Pres)	BA	dy	BPFC	Class
64	PCB-118	32.47	32.47	4.25e+0	2.72e+0	1.280	1.07	NO	83.224	83.224
65	PCB-43	38.76	38.76	4.25e+0	2.72e+0	1.280	1.08	NO	82.189	82.189
66	PCB-120	34.23	34.23	3.57e+0	2.18e+0	1.280	1.08	NO	80.288	80.288
67	PCB-82	34.88	34.71	3.44e+0	2.21e+0	1.280	1.08	NO	80.818	80.818
68	PCB-81	38.21	38.10	2.72e+0	1.74e+0	1.280	1.07	NO	80.488	80.488
69	PCB-82	38.08	38.07	1.84e+0	0.87e+0	1.280	1.07	NO	182.28	182.28
70	PCB-80	38.81	38.81	2.58e+0	1.74e+0	1.280	1.03	NO	80.287	80.287
71	PCB-8881	38.18	38.18	0.87e+0	3.88e+0	1.280	1.08	NO	108.82	108.82
72	PCB-121	38.38	38.28	4.88e+0	3.10e+0	1.280	1.08	NO	49.888	49.888

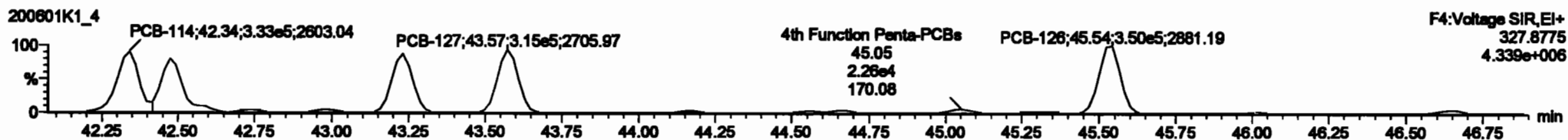
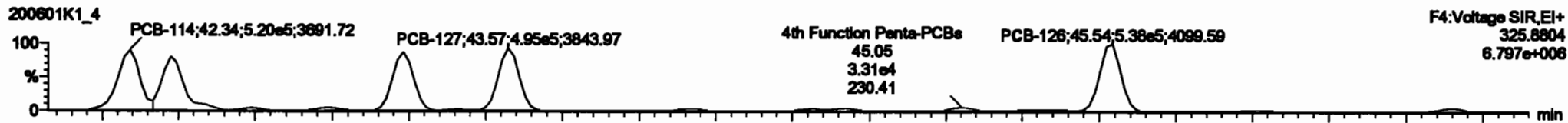


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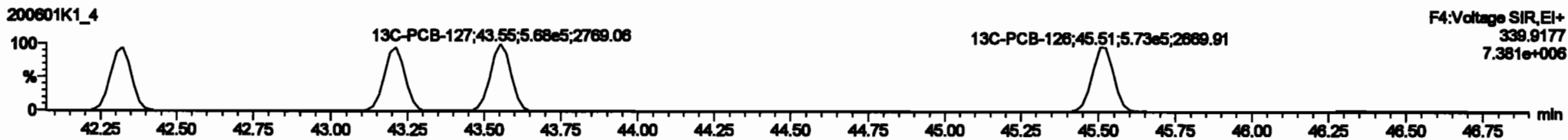
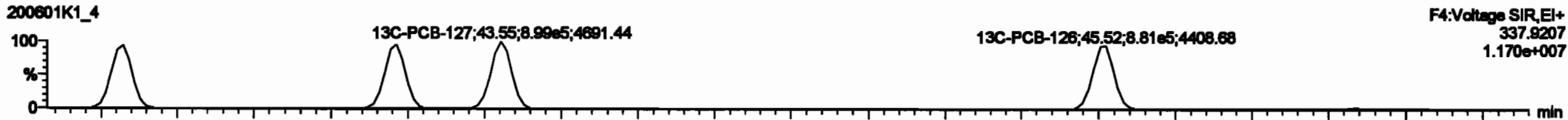
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

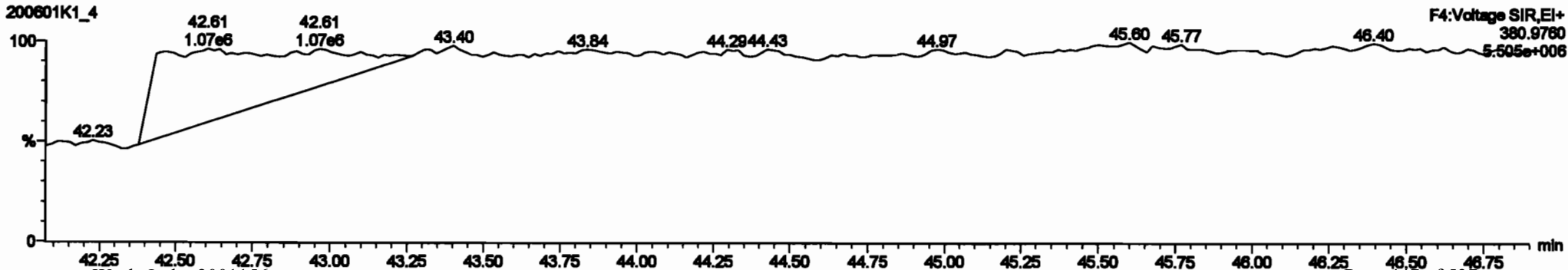
PCB-114



13C-PCB-114

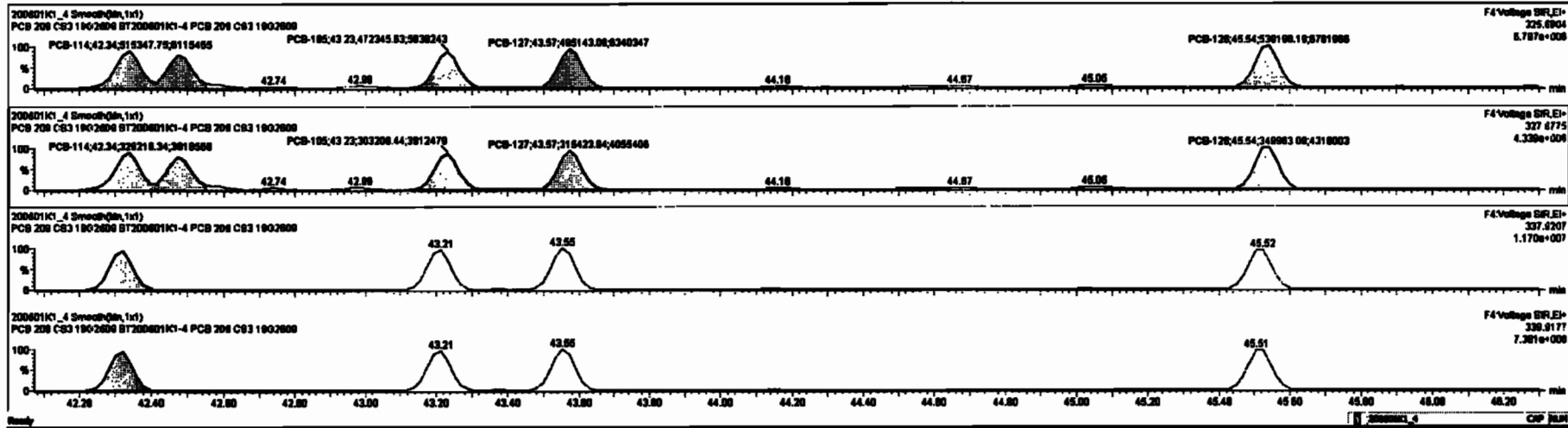


PFK4a



#	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
224	Total Micro-PCBs				1.1885	1.000	0.00		0.000		NO	198.1		0.0242	198.1			
225	Total DL-PCBs				1.2837	1.000	0.00		0.000		NO	818.4		0.289	818.4			
226	2nd Function Tri-PCBs				1.2807	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		0.825	2168			
230	3rd Function Tetra-PCBs				1.0922	1.000	0.00		0.000		NO	288.2		0.488	288.2			
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				1.9328	1.000	0.00		0.000		NO	445.1		0.322	445.1			
235	2nd Function Octa-PCBs				1.1488	1.000	0.00		0.000		NO	184.1		0.280	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
83	PCB-114	42.34	42.34	6.183e5	3.382e5	1.580	1.87	NO	82.841	82.841							
9	94	PCB-122	42.48	42.47	4.218e5	2.889e5	1.580	1.88	NO	82.105	82.105						
3	85	PCB-105	43.23	43.23	4.722e5	3.022e5	1.580	1.88	NO	82.880	82.880						
4	88	PCB-127	43.87	43.87	4.891e5	3.184e5	1.580	1.87	NO	82.188	82.188						
9	97	PCB-128	45.84	45.84	6.382e5	3.900e5	1.580	1.84	NO	82.138	82.138						



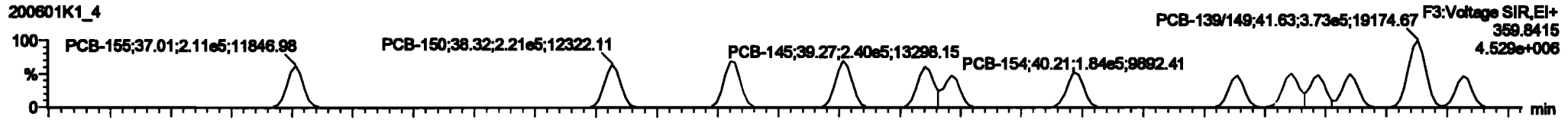
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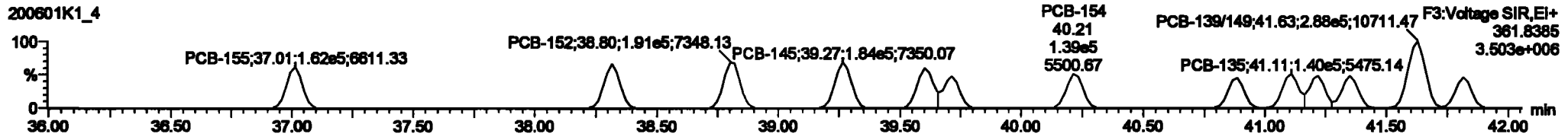
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PCB-155

200601K1_4

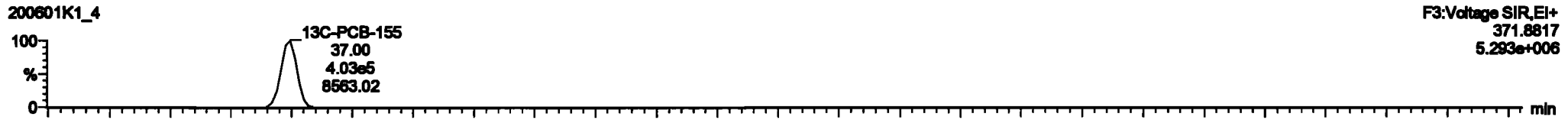


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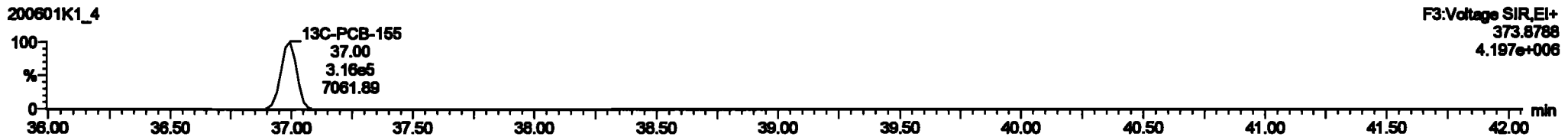


13C-PCB-155

200601K1_4

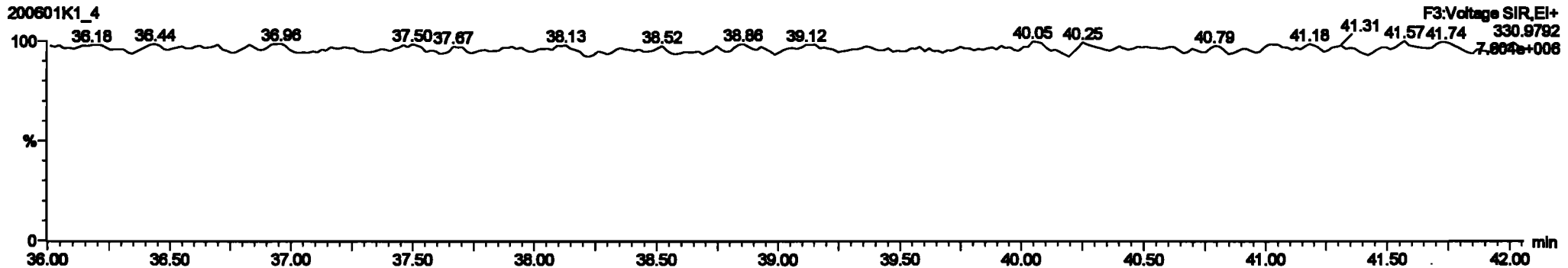


200601K1_4



PFK3c

200601K1_4

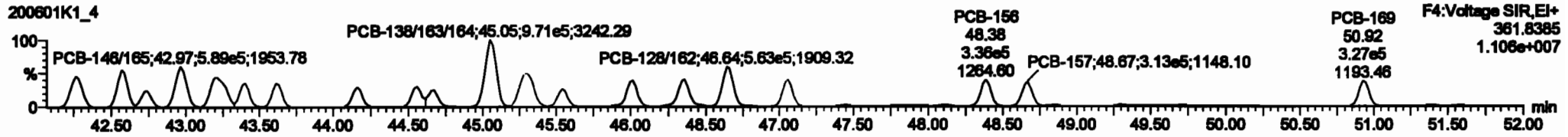
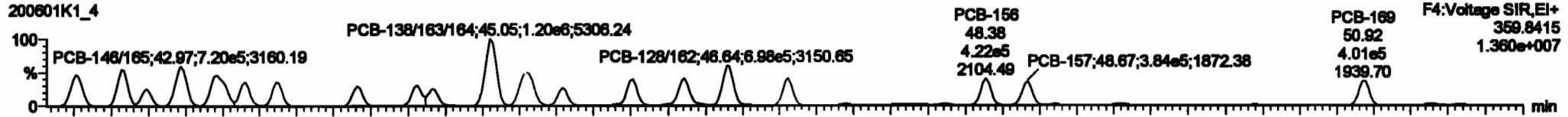


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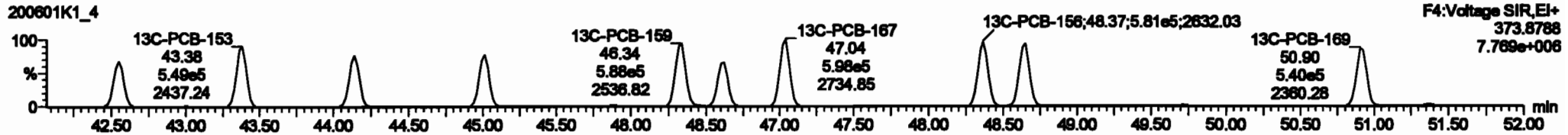
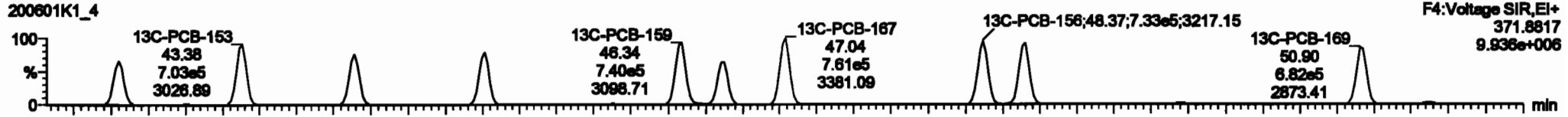
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Name: 200601K1_4, Date: 01-Jun-2020, Time: 15:19:46, ID: ST200601K1-4 PCB 209 CS3 19G2609, Description: PCB 209 CS3 19G2609

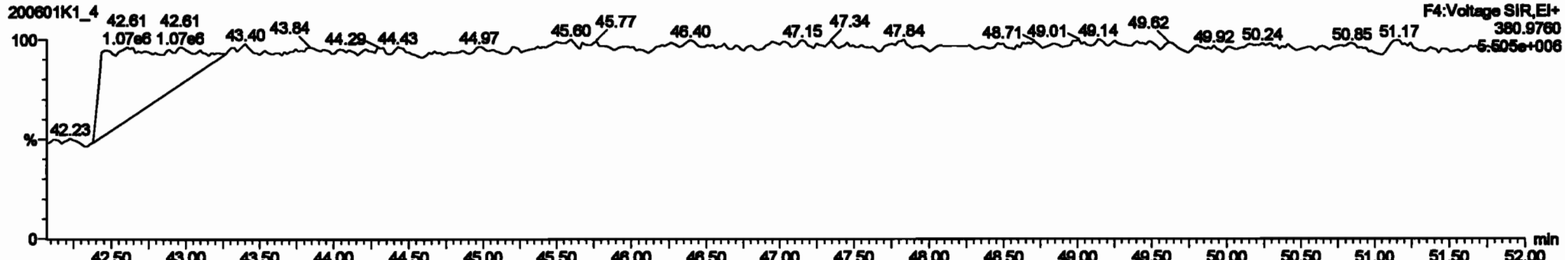
PCB-134/143



13C-PCB-153

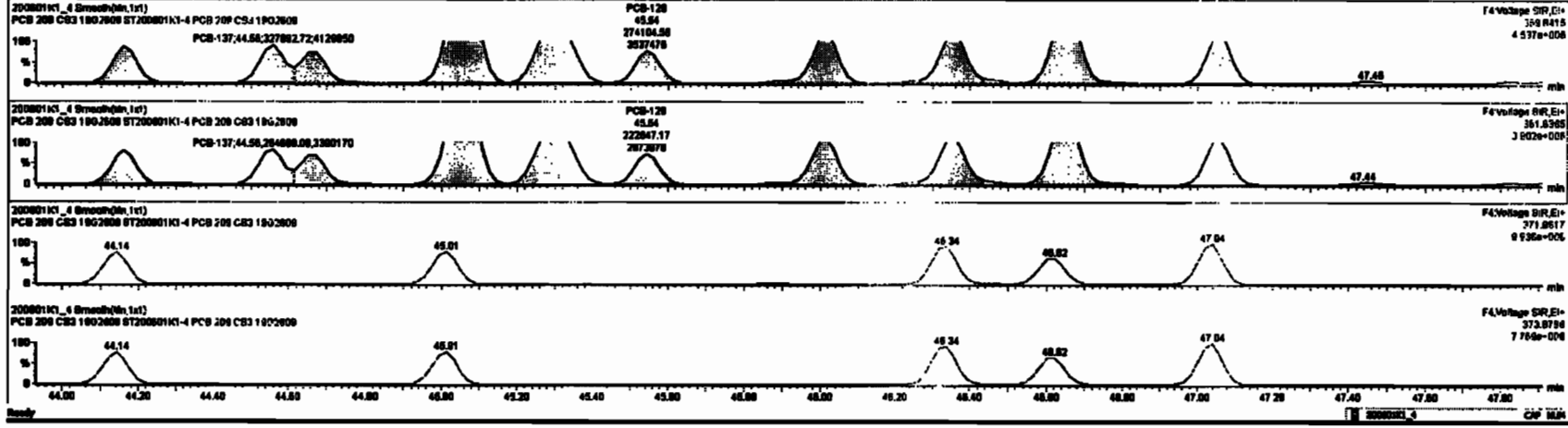


PFK4b



#	Wtd%	Comp	RA	RD	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%
224	Total Mono-PCBs				1.1888	1.000	0.00	0.000	0.000	NO	188.1		0.0343	188.1					
225	Total Di-PCBs				1.0637	1.000	0.00	0.000	0.000	NO	616.4		0.280	616.4					
226	2nd Function Tri-PCBs				1.0007	1.000	0.00	0.000	0.000	NO	412.6		0.0870	412.6					
227	2nd Function Tetra-PCBs				0.0020	1.000	0.00	0.000	0.000	NO	618.1		0.371	618.1					
228	Total Penta-PCBs				1.0779	1.000	0.00	0.000	0.000	NO	2171		0.843	2171					
229	2nd Function Penta-PCBs				1.2167	1.000	0.00	0.000	0.000	NO	2168		0.836	2168					
230	6th Function Penta-PCBs				1.0728	1.000	0.00	0.000	0.000	NO	261.1		0.182	261.1					
231	2nd Function Hexa-PCBs				0.0000	1.000	0.00	0.000	0.000	NO	887.0		0.188	887.0					
232	6th Function Hexa-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	1.000		1.000	1.000					
233	Total Hepta-PCBs				1.2001	1.000	0.00	0.000	0.000	NO	1.200		1.200	1.200					
234	6th Function Octa-PCBs				1.0000	1.000	0.00	0.000	0.000	NO	448.1		0.333	448.1					
235	6th Function Non-PCBs				1.1488	1.000	0.00	0.000	0.000	NO	184.1		0.261	184.1					

#	Wtd%	Comp	RA	RD	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%	Wtd%
111	PCB-126/43	43.28	43.28	8.800e6	4.500e6	1.240	1.34	NO	108.94	108.94									
112	PCB-129/28	43.89	43.87	8.800e6	4.500e6	1.240	1.22	NO	108.33	108.33									
113	PCB-142	43.74	43.74	2.200e6	2.100e6	1.240	1.34	NO	63.770	63.770									
114	PCB-148/18	43.89	43.87	7.200e6	4.600e6	1.240	1.22	NO	103.87	103.87									
115	PCB-152/18	43.22	43.21	7.200e6	6.800e6	1.240	1.34	NO	102.88	102.88									
116	PCB-153	43.68	43.68	3.800e6	3.100e6	1.240	1.28	NO	62.913	62.913									
117	PCB-180	43.62	43.61	3.810e6	3.070e6	1.240	1.34	NO	61.889	61.889									
118	PCB-141	44.56	44.58	3.000e6	2.400e6	1.240	1.34	NO	61.888	61.888									
119	PCB-137	44.88	44.88	3.270e6	3.040e6	1.240	1.34	NO	61.888	61.888									

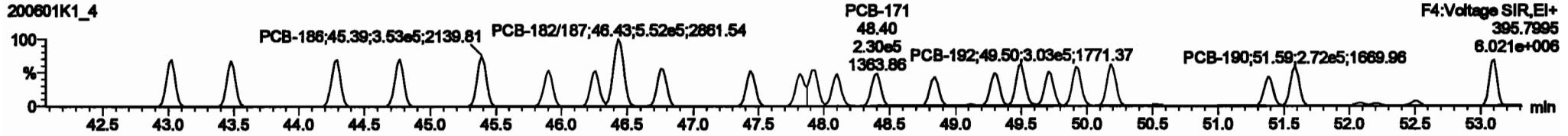
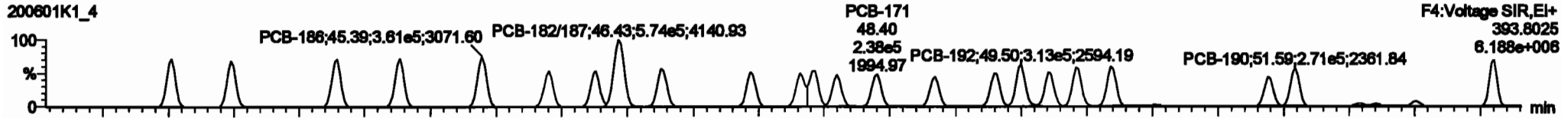


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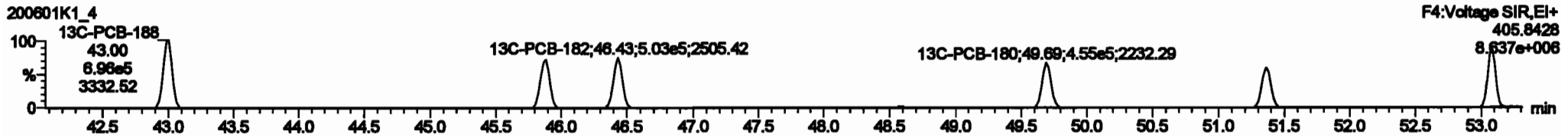
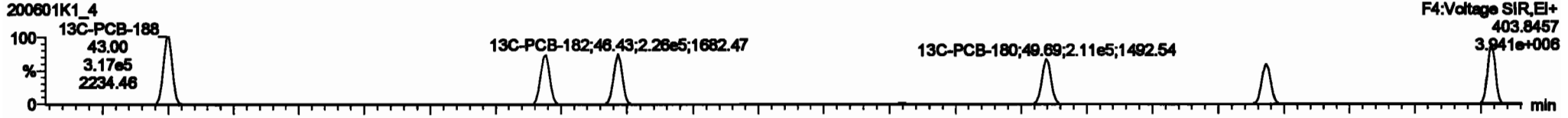
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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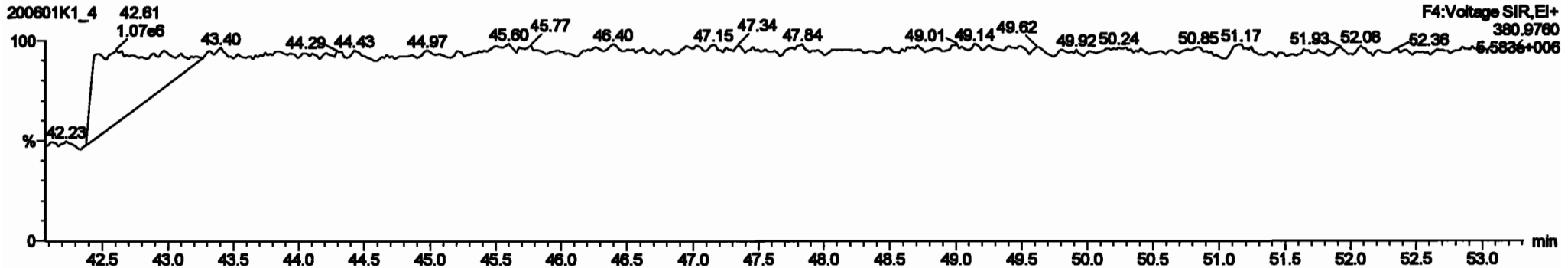
PCB-188



13C-PCB-188



PFK4c



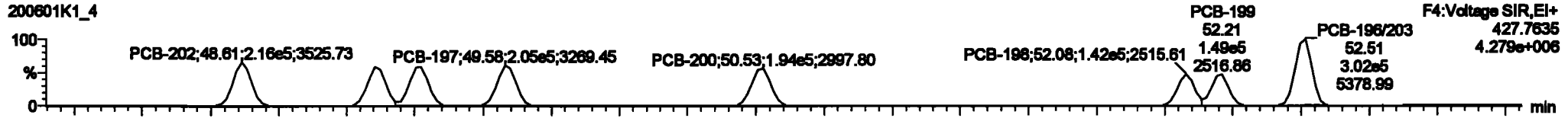
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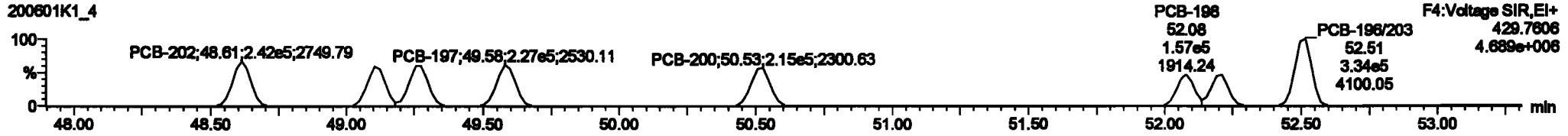
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PCB-202

200601K1_4

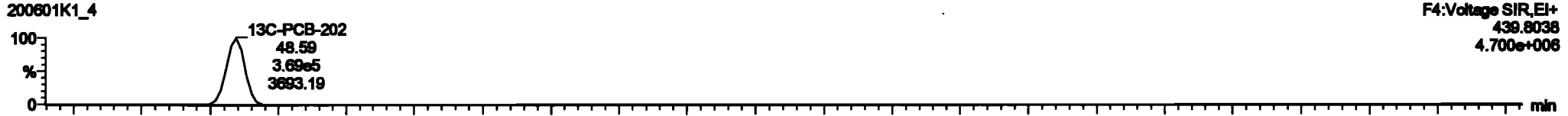


200601K1_4

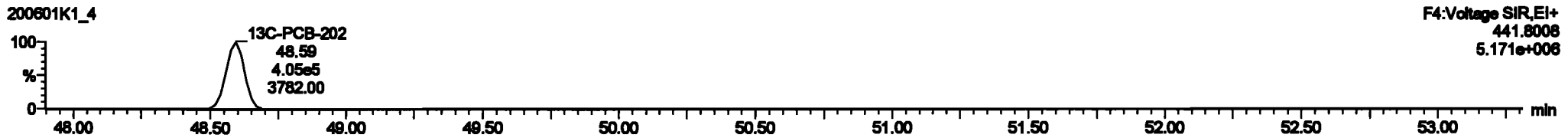


13C-PCB-202

200601K1_4

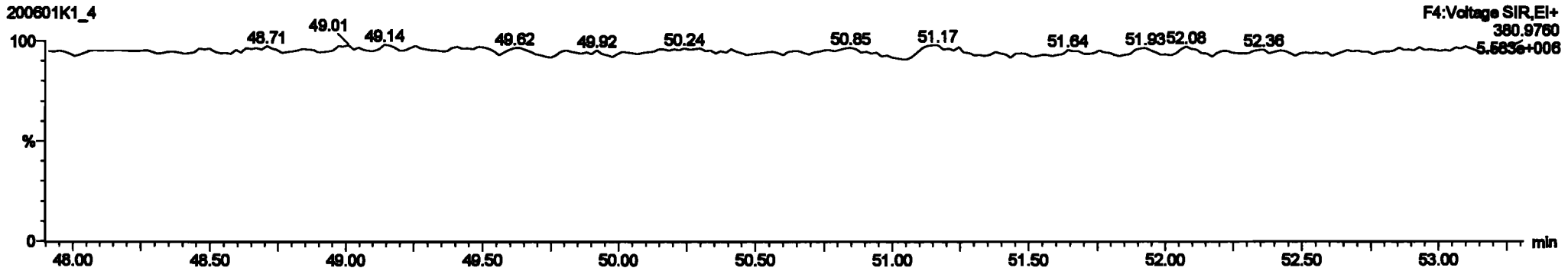


200601K1_4



PFK4d

200601K1_4



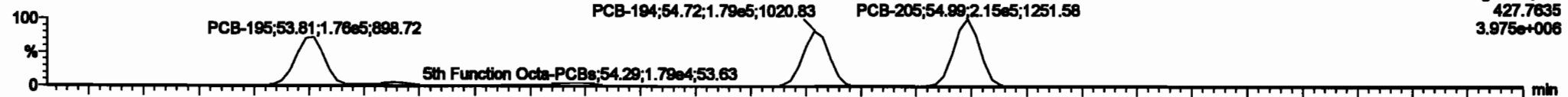
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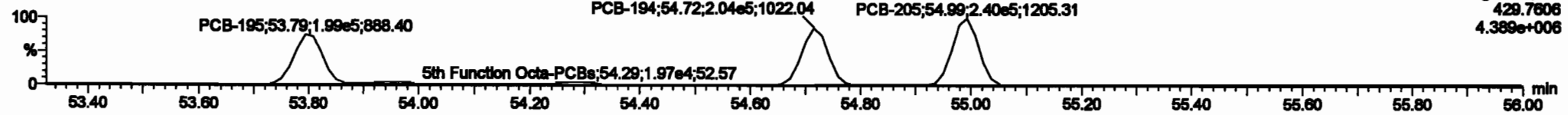
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PCB-195

200601K1_4

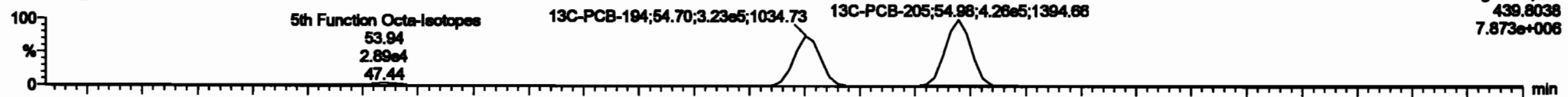


200601K1_4

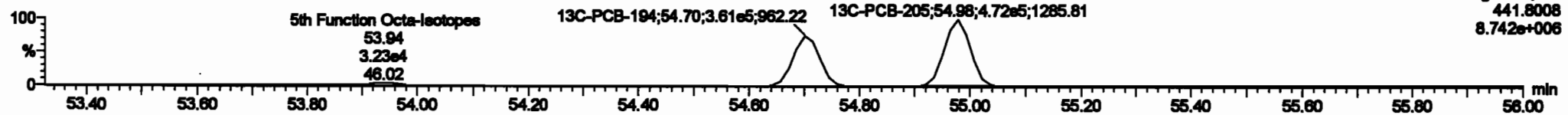


13C-PCB-194

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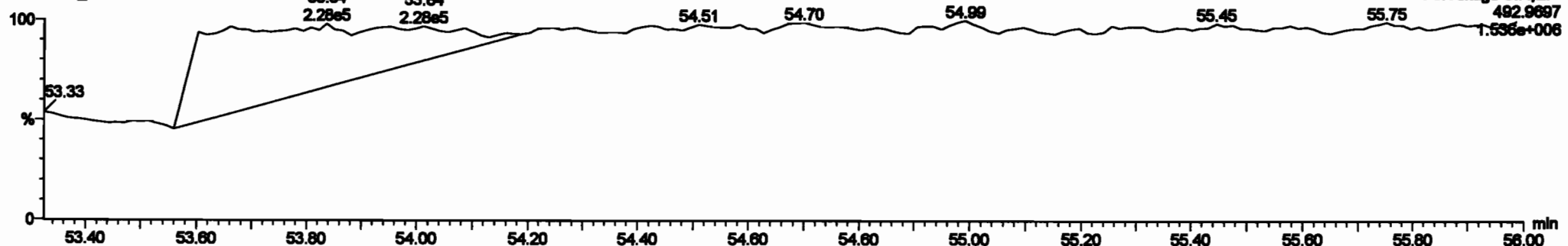


200601K1_4



PFK5a

200601K1_4



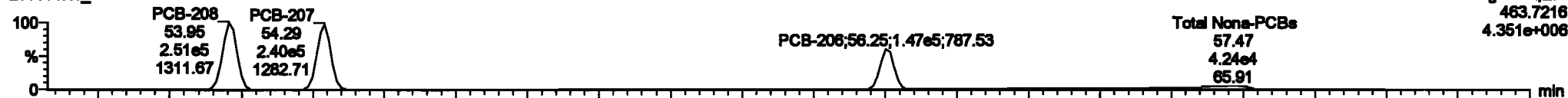
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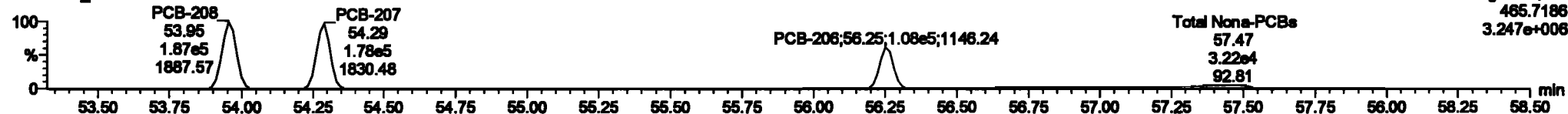
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PCB-208

200601K1_4

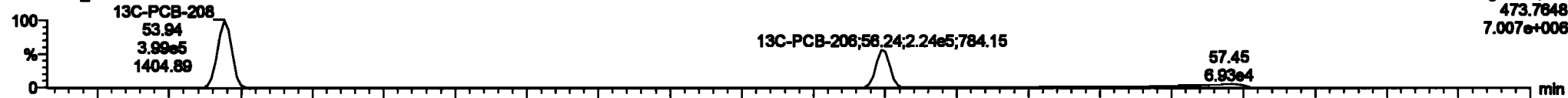


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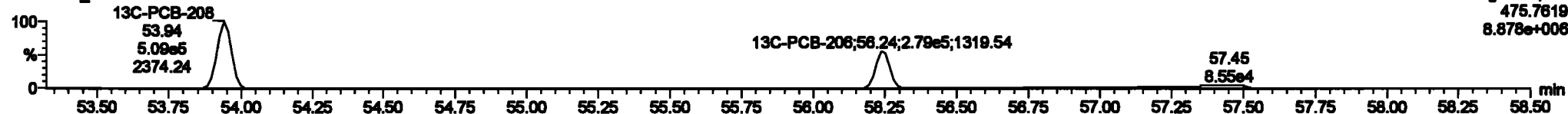


13C-PCB-208

200601K1_4

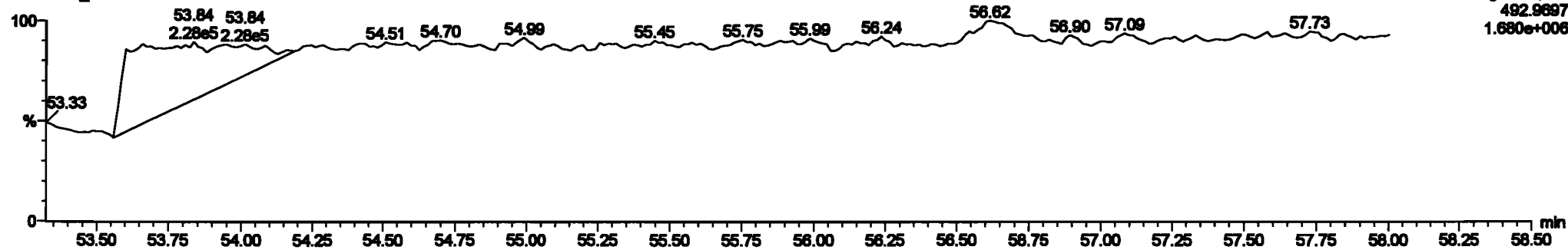


200601K1_4



PFK5

200601K1_4



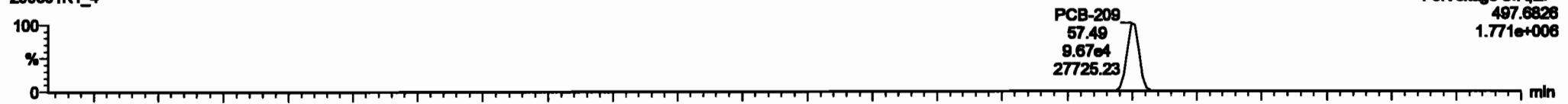
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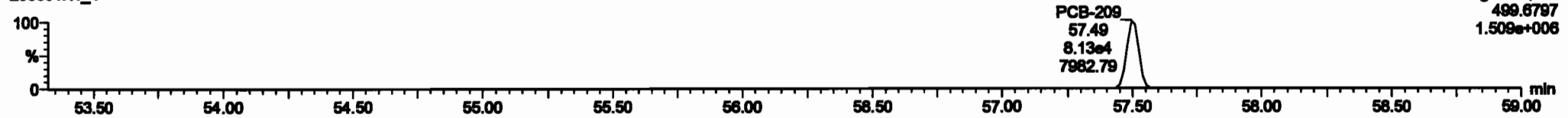
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PCB-209

200601K1_4



200601K1_4

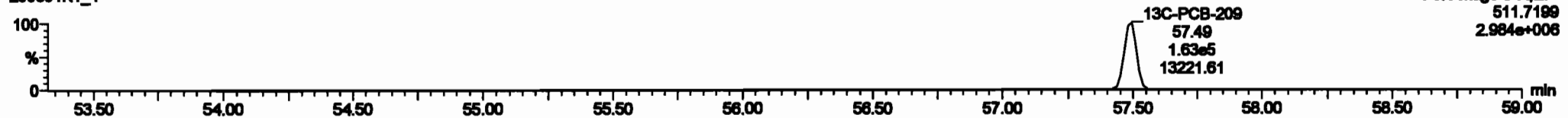


13C-PCB-209

200601K1_4

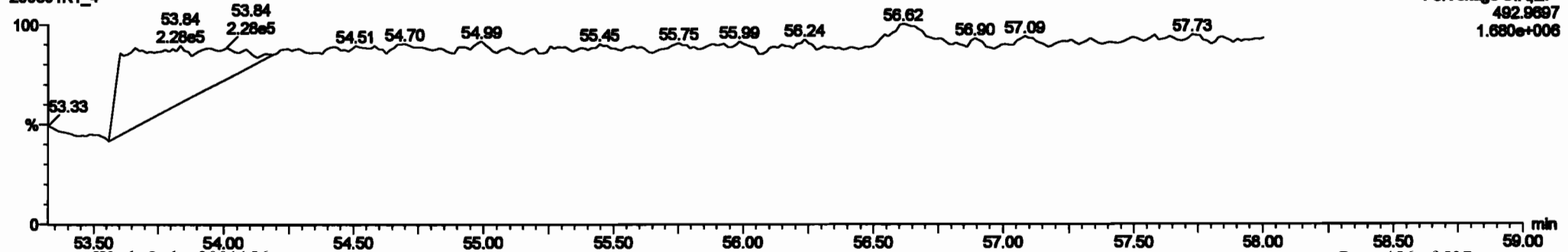


200601K1_4



PFK5b

200601K1_4



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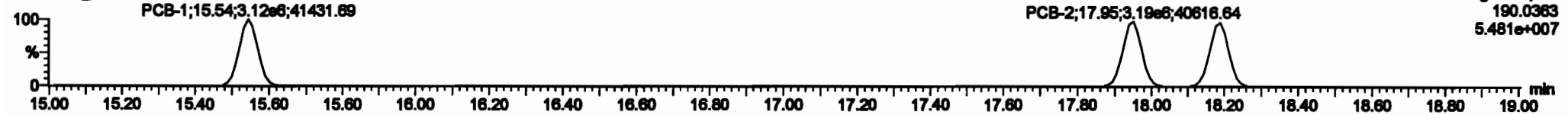
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PCB-1

200601K1_5



200601K1_5

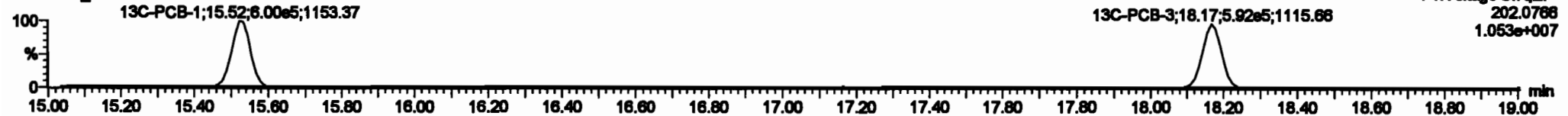


13C-PCB-1

200601K1_5

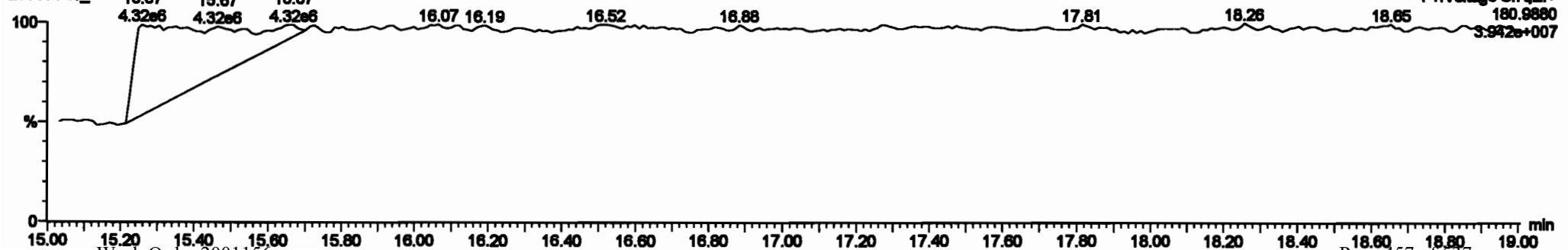


200601K1_5



PFK1

200601K1_5

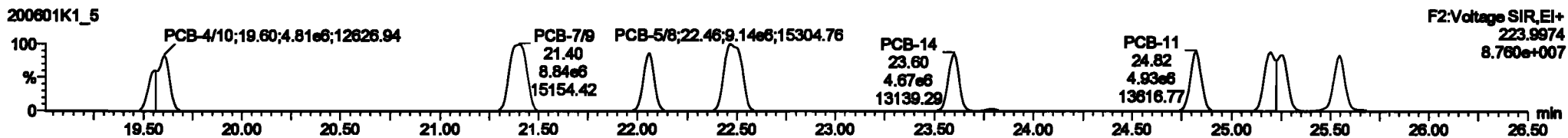
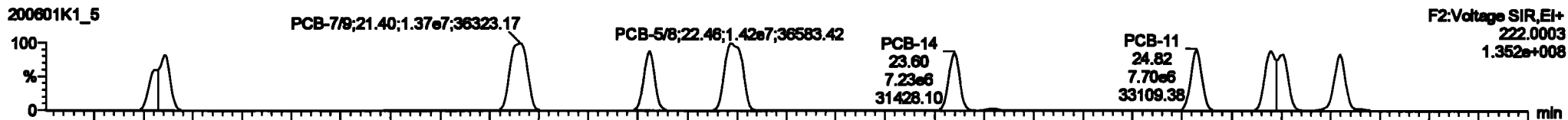


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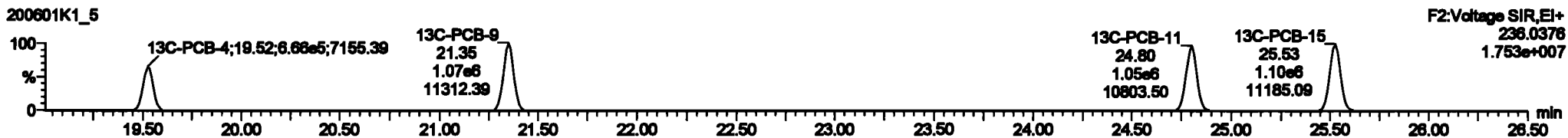
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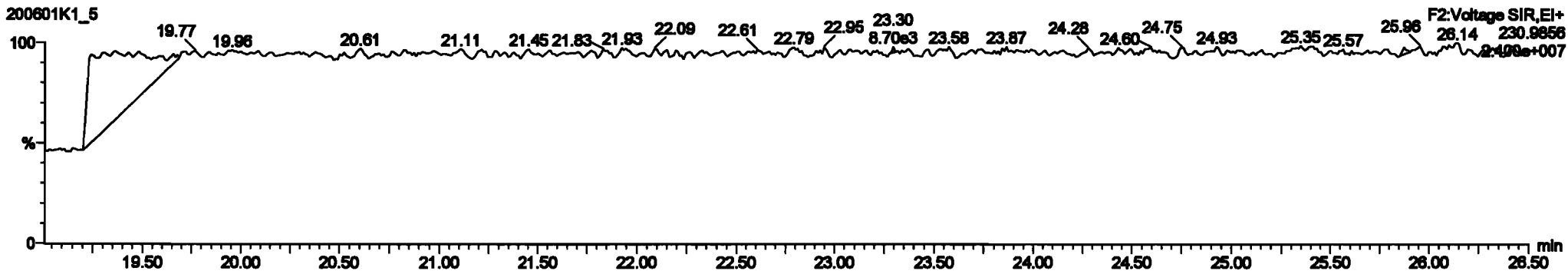
PCB-4/10



13C-PCB-4

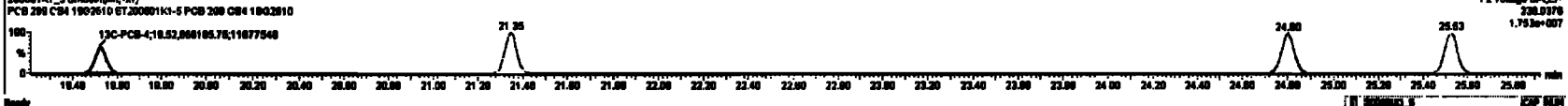
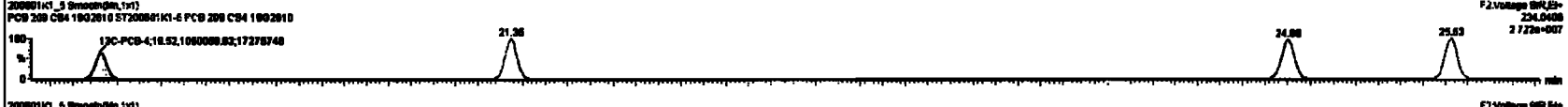
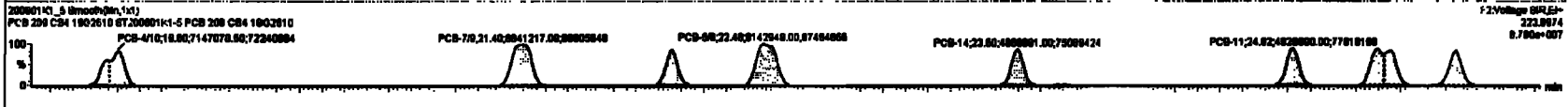
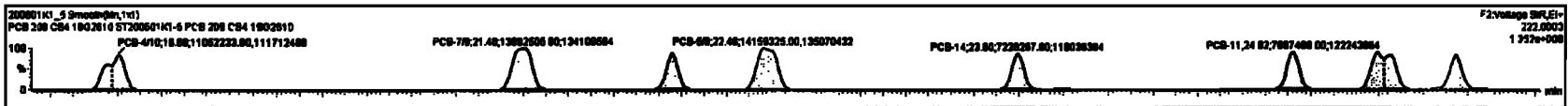


PFK2a



#	Name	Step	Qty	Buy	Unit Cost	Ext Cost	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty
220	13C-PCB-78		1.0000	0.78	NO	1.0000	1.0000	27.70	0.0000	0.0000	NO	07.40	07.4	0.0000				
221	13C-PCB-178		7.0000	0.44	NO	1.0000	1.0000	45.97	45.99	0.0000	0.0000	NO	07.10	07.2	0.5112			
222	1st Floor PCBs					1.0000	1.0000	0.00				NO	1700		0.0000	1260		
223	2nd Floor PCBs					1.0000	1.0000	0.00				NO	3007		0.5110	2407		
224	3rd Floor PCBs					0.0000	1.0000	0.00				NO	0774		0.0000	0774		
225	4th Floor PCBs					1.0000	1.0000	0.00				NO	1700		1.77	1700		
226	5th Floor PCBs					1.3157	1.0000	0.00				NO	17400		0.0000	17400		
227	6th Floor PCBs					1.0000	1.0000	0.00				NO	2120		0.300	2120		
228	7th Floor PCBs					0.0000	1.0000	0.00				NO	0078		0.000	0078		
229	8th Floor PCBs					1.0000	1.0000	0.00				NO	12140		2.07	12140		
230	Total House PCBs					1.0000	1.0000	0.00				NO	10140		4.00	10140		

#	Name	Step	Qty	Buy	Unit Cost	Ext Cost	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price	Ext Qty	Ext Price
4	PCB-4A0		19.00	19.00	1.0500	7.5450	1.00	1.00	NO	046.01	046.01						
5	PCB-7A0		21.41	21.40	1.3000	0.0000	1.00	1.00	NO	000.01	000.01						
6	PCB-8		22.00	22.00	7.2700	4.6390	1.00	1.00	NO	438.40	438.41						
7	PCB-0A		22.00	22.00	1.4100	0.5400	1.00	1.00	NO	000.00	000.00						
8	PCB-44		23.01	23.00	7.2000	4.6800	1.00	1.00	NO	433.10	433.10						
9	PCB-41		24.00	24.00	7.0000	4.6200	1.00	1.00	NO	415.11	415.11						
10	PCB-12A1		26.20	26.20	1.4200	0.5200	1.00	1.00	NO	000.27	000.27						
11	PCB-16		26.07	26.00	7.1000	4.6400	1.00	1.00	NO	433.20	433.20						

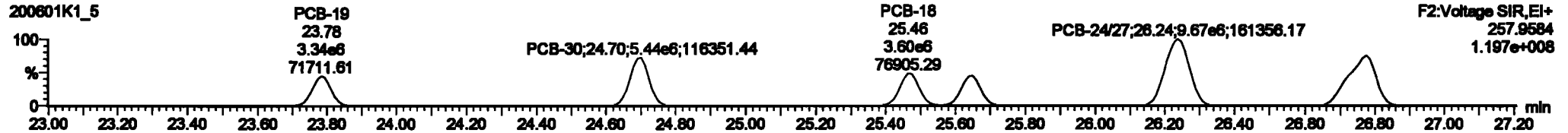


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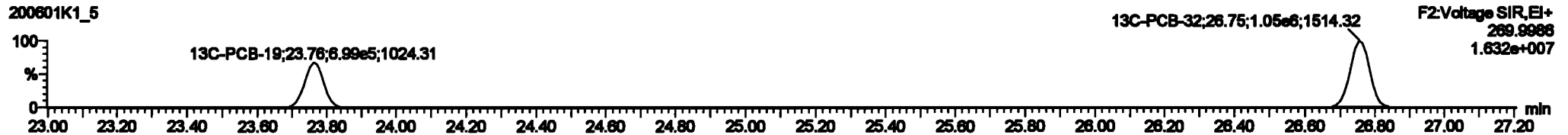
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Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

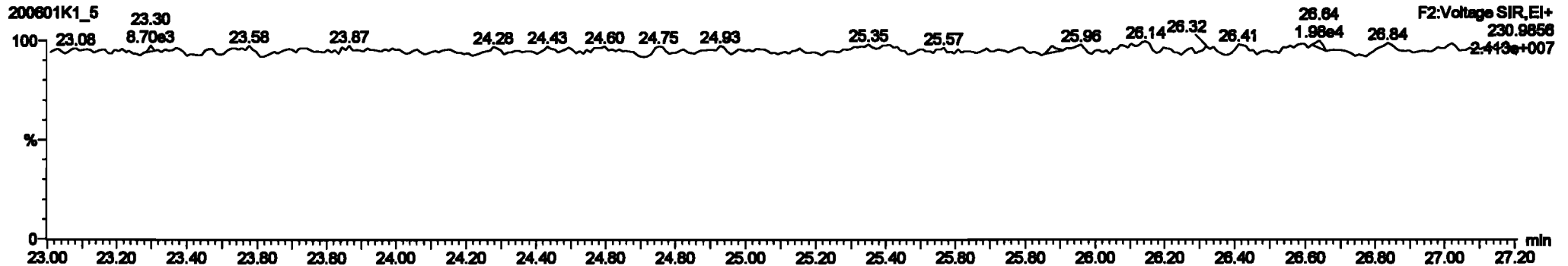
PCB-19



13C-PCB-19



PFK2b

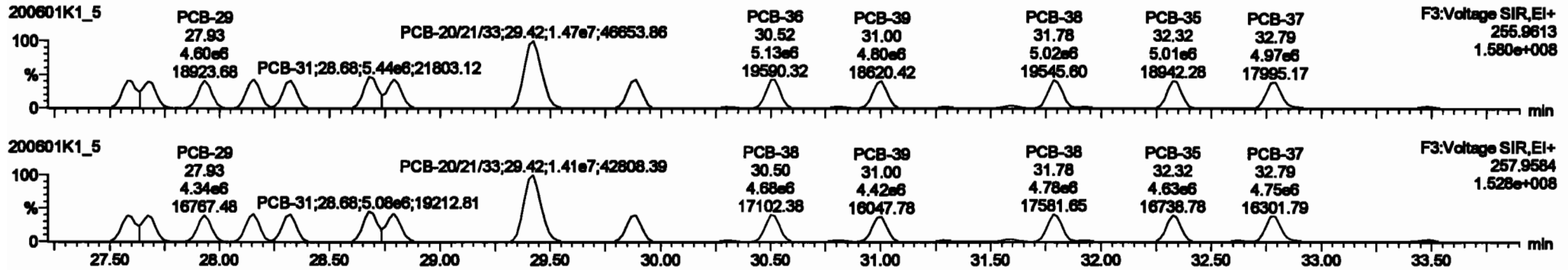


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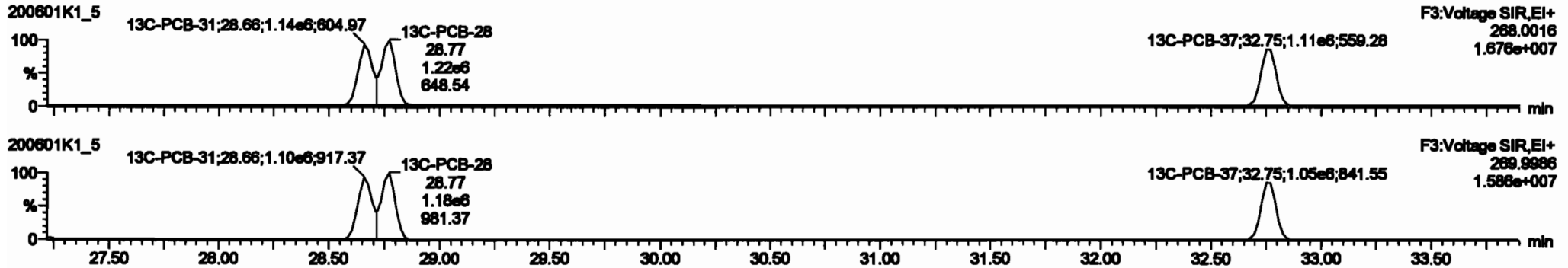
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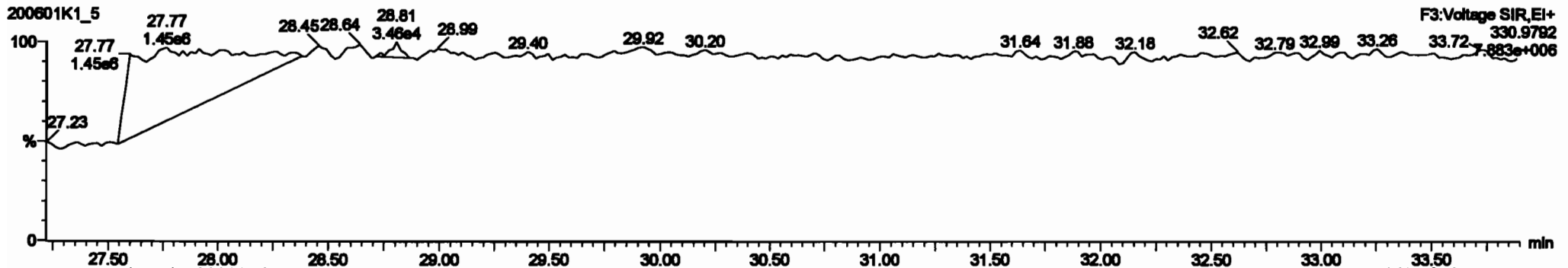
PCB-34



13C-PCB-28

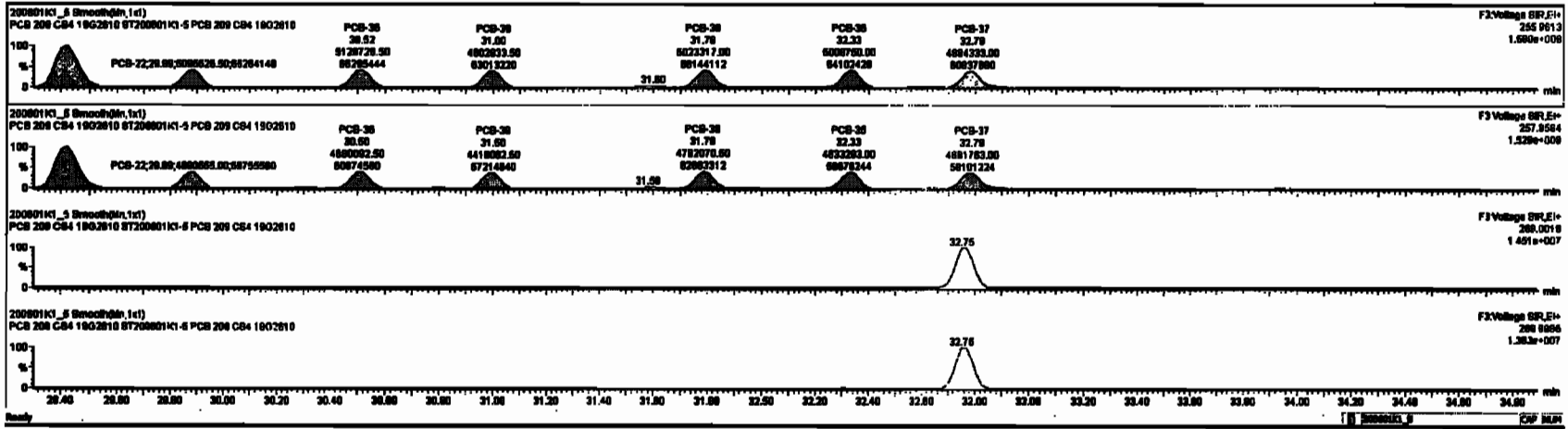


PFK3d



Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height	Width	Retention	Response	Conc.	%Area	Height	Width
220	13C-PCB-78	1.89e6	0.79	NO	1.0021	1.000	37.76	37.76	0.000	0.000	NO	97.42	97.4	0.0073		
226	13C-PCB-178	7.89e6	0.61	NO	1.0000	1.000	48.87	48.88	0.000	0.000	NO	97.18	97.2	0.112		
224	Total Mono-PCBs				1.1095	1.000	0.00	0.000			NO	1280		0.0081	1280	
226	Total Di-PCBs				1.0027	1.000	0.00	0.000			NO	6120		0.246	6120	
228	Total Tri-PCBs				1.0007	1.000	0.00	0.000			NO	3467		0.110	3467	
228	Total Tetra-PCBs				1.0770	1.000	0.00	0.000			NO	17600		1.27	17600	
226	2nd-Paraffin-PCBs				1.0167	1.000	0.00	0.000			NO	17480		0.004	17480	
228	4th-Paraffin-PCBs				1.0726	1.000	0.00	0.000			NO	2128		0.200	2128	
230	2nd-Paraffin-Homo-PCBs				0.9888	1.000	0.00	0.000			NO	5971		0.400	5971	
232	4th-Paraffin-Homo-PCBs				1.0916	1.000	0.00	0.000			NO	12140		2.87	12140	
230	Total Mono-PCBs				1.0001	1.000	0.00	0.000			NO	10180		4.69	10180	

Peak	Name	Area	Height	Width	Retention	Response	Conc.	%Area	Height	Width	Retention	Response	Conc.	%Area	Height	Width
28	PCB-28	27.89	27.89	4.639e6	4.639e6	1.000	1.00	NO	417.53	417.53						
18	PCB-18	27.87	27.87	4.640e6	4.640e6	1.000	1.00	NO	416.77	416.77						
20	PCB-20	27.85	27.85	4.634e6	4.634e6	1.000	1.00	NO	417.61	417.61						
21	PCB-21	28.10	28.10	4.635e6	4.635e6	1.000	1.00	NO	423.78	423.78						
22	PCB-22	28.31	28.32	4.798e6	4.819e6	1.000	1.04	NO	412.77	412.77						
23	PCB-23	28.80	28.80	5.491e6	5.079e6	1.000	1.00	NO	420.07	420.07						
24	PCB-24	28.79	28.79	5.398e6	5.089e6	1.000	1.00	NO	420.00	420.00						
26	PCB-20/21/20	28.43	28.43	1.472e7	1.487e7	1.000	1.00	NO	1276.0	1276.0						
28	PCB-28	28.87	28.88	6.088e6	4.891e6	1.000	1.00	NO	418.35	418.35						

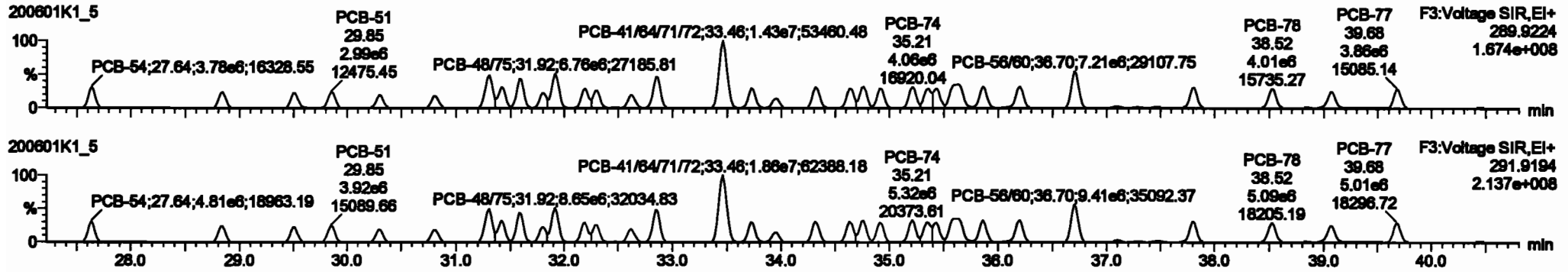


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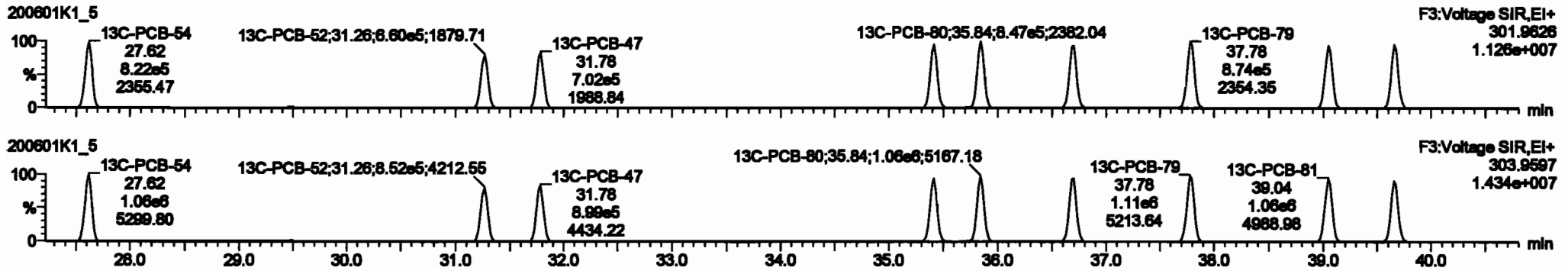
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Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

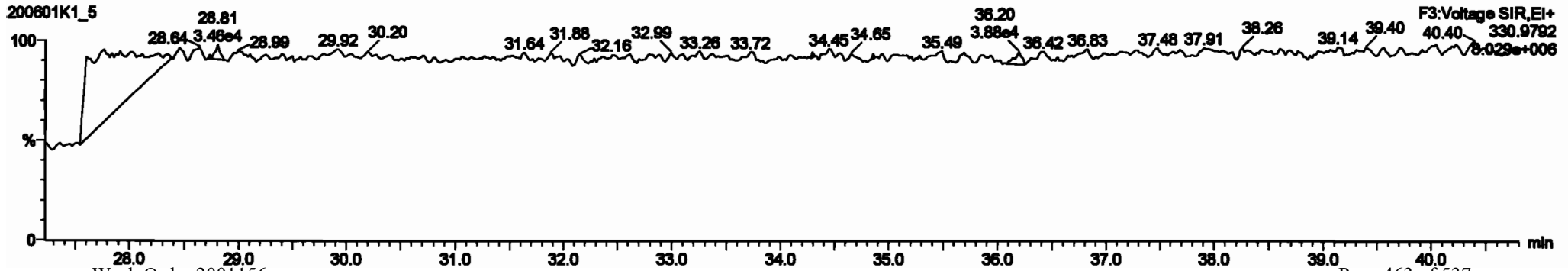
PCB-54



13C-PCB-54



PFK3a



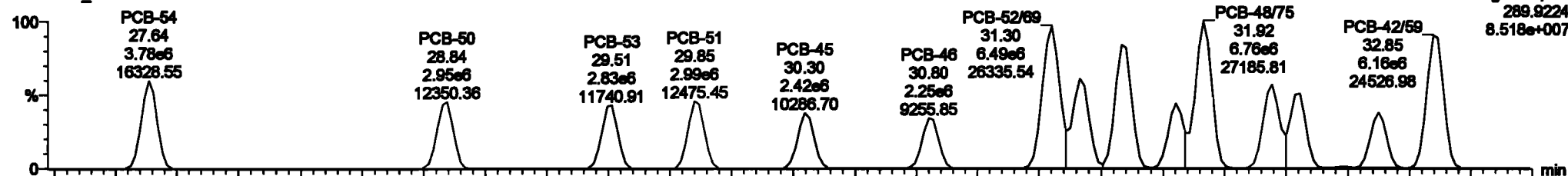
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

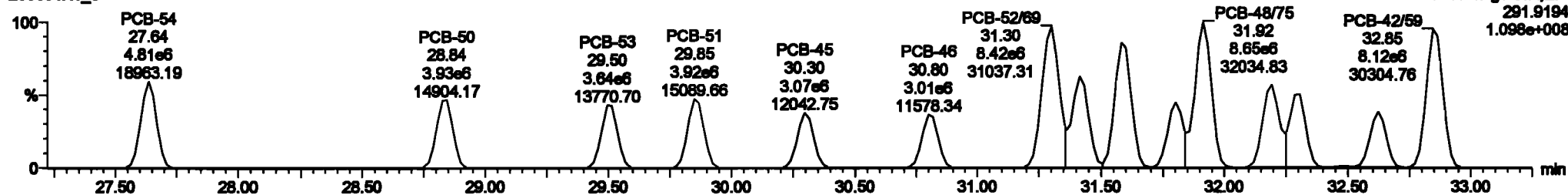
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PCB-50

200601K1_5



200601K1_5



13C-PCB-52

200601K1_5



200601K1_5

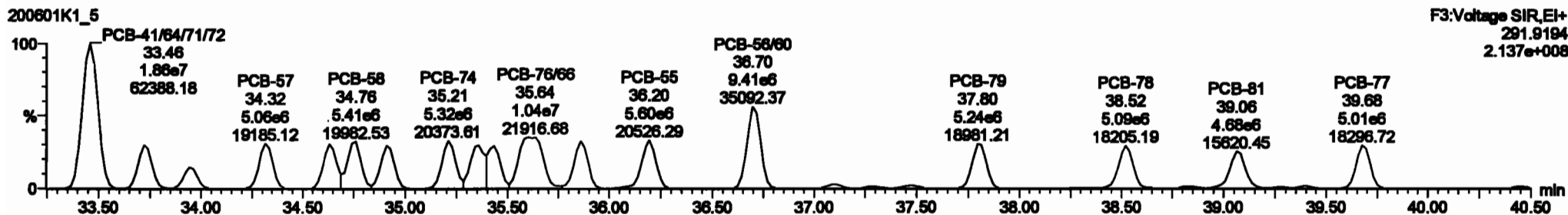
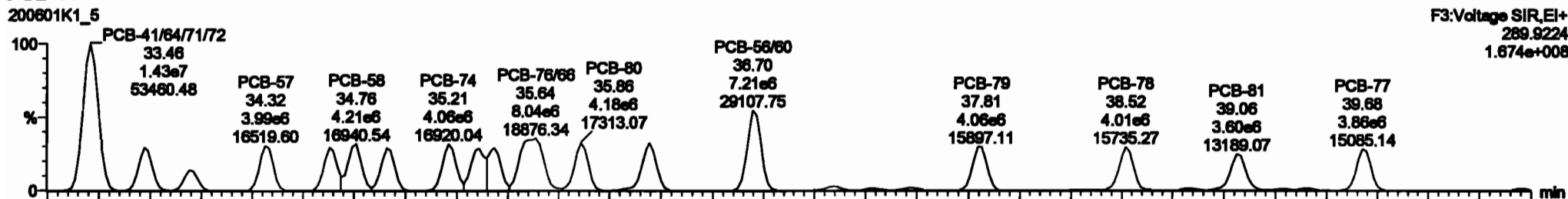


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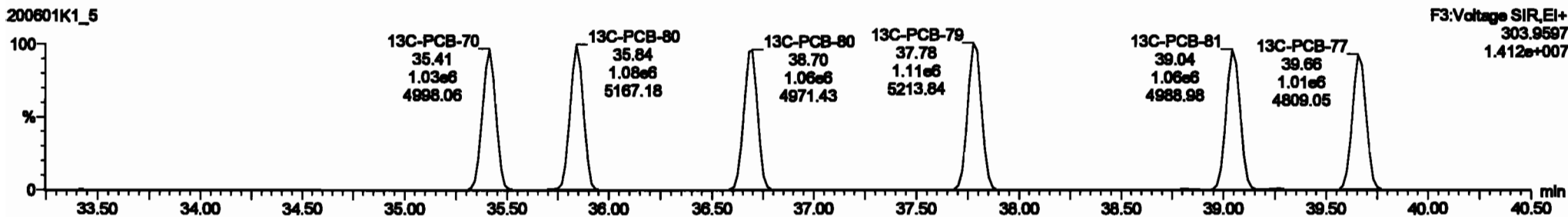
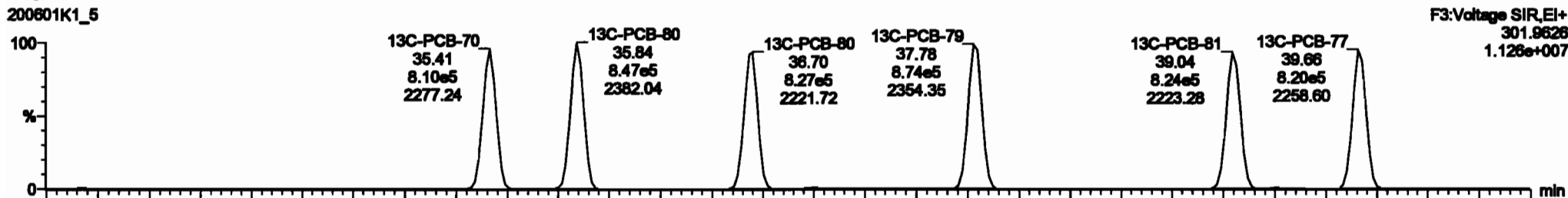
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PCB-68

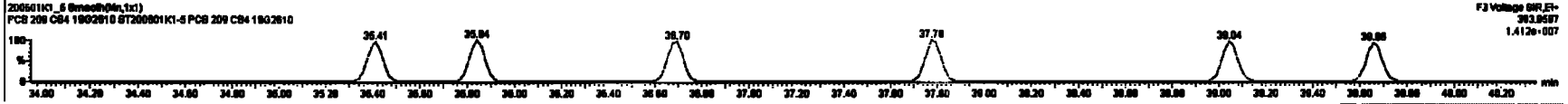
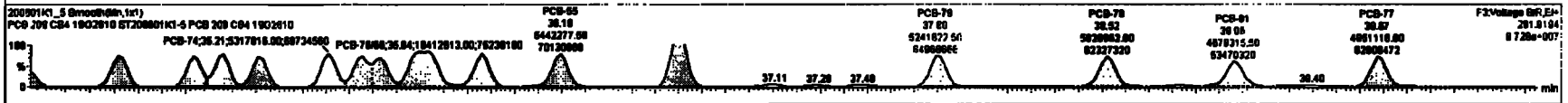
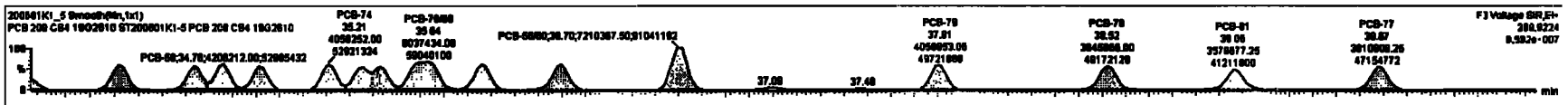


13C-PCB-60



#	Name	Range	Min	Max	Peak	Area	Height	Width	Skew	Offset	Area%	Height%	Area%	Height%
222	13C-PCB-78	1.98e6	0.78	ND	1.0221	1.020	37.78	37.78	0.000	0.000	ND	87.42	87.4	0.0273
223	13C-PCB-178	7.85e6	0.44	ND	1.0000	1.000	46.87	46.88	0.020	0.020	ND	87.18	87.2	0.112
224	Total Mono-PCBs				1.0885	1.000	0.00	0.000	0.000	0.000	ND	1280	0.0281	1280
225	Total BI-PCBs				1.0837	1.000	0.00	0.000	0.000	0.000	ND	9120	0.248	9120
226	2nd Function BI-PCBs				1.0837	1.000	0.00	0.000	0.000	0.000	ND	3487	0.110	3487
227	2nd Function BI-PCBs				0.8208	1.000	0.00	0.000	0.000	0.000	ND	8774	0.882	8774
228	2nd Function Mono-PCBs				3.7878	1.000	0.00	0.000	0.000	0.000	ND	17480	1.27	17480
229	2nd Function Mono-PCBs				1.3187	1.000	0.00	0.000	0.000	0.000	ND	17480	0.024	17480
230	4th Function Mono-PCBs				1.0736	1.000	0.00	0.000	0.000	0.000	ND	2128	0.280	2128
231	2nd Function Mono-PCBs				0.8858	1.000	0.00	0.000	0.000	0.000	ND	8876	0.403	8876
232	4th Function Mono-PCBs				1.0218	1.000	0.00	0.000	0.000	0.000	ND	12140	2.87	12140
233	Total Mono-PCBs				1.3071	1.000	0.00	0.000	0.000	0.000	ND	4.81	18181	

#	Name	Peak#	RT	Ref Range	Ref Range	1st Ratio (Peak)	Area	Area%	Height	Height%	Area%	Height%
1	PCB-84	27.84	27.84	3.78e5	4.812e5	0.770	0.78	ND	422.48	422.48		
2	PCB-84	28.80	28.84	2.88e5	3.88e5	0.770	0.78	ND	415.31	415.30		
3	PCB-84	28.80	28.81	2.88e5	3.88e5	0.770	0.78	ND	428.24	428.24		
4	PCB-84	28.80	28.85	2.88e5	3.88e5	0.770	0.78	ND	428.80	428.80		
5	PCB-84	30.30	30.30	2.81e5	3.87e5	0.770	0.78	ND	433.10	433.10		
6	PCB-84	30.80	30.80	2.24e5	3.81e5	0.770	0.78	ND	418.07	418.07		
7	PCB-84	31.30	31.30	8.48e5	8.41e5	0.770	0.77	ND	846.12	846.12		
8	PCB-78	37.41	37.41	4.05e5	8.30e5	0.770	0.77	ND	431.83	431.83		
9	PCB-84	31.30	31.30	8.57e5	7.25e5	0.770	0.77	ND	838.18	838.18		

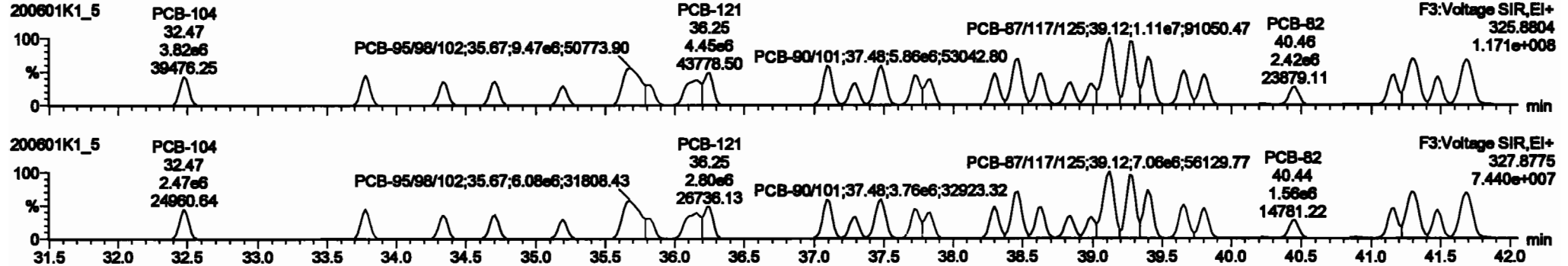


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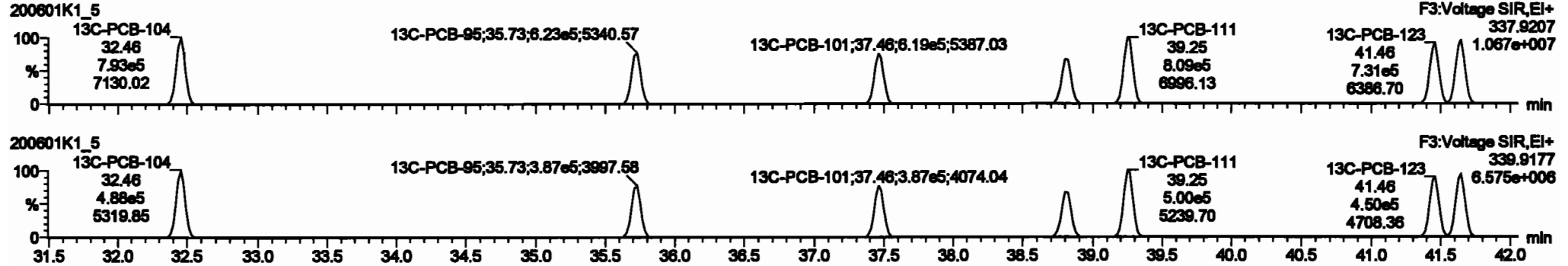
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_5, Date: 01-Jun-2020, Time: 16:20:32, ID: ST200601K1-5 PCB 209 CS4 19G2610, Description: PCB 209 CS4 19G2610

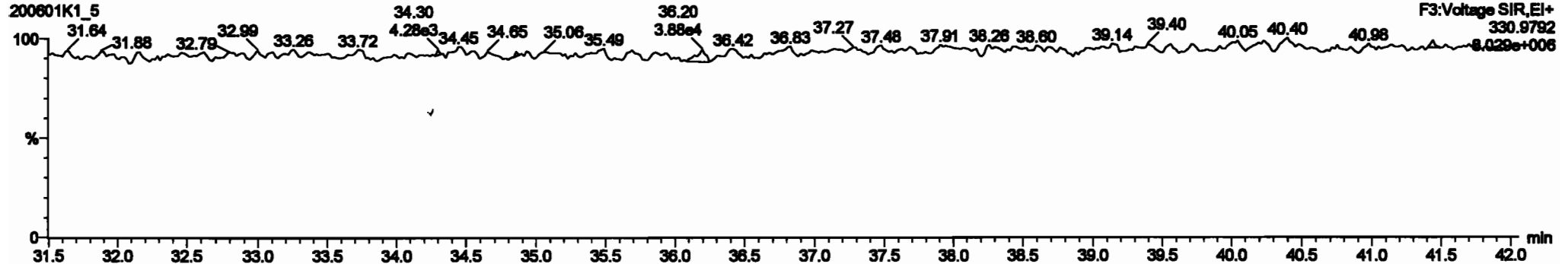
PCB-104



13C-PCB-104



PFK3b

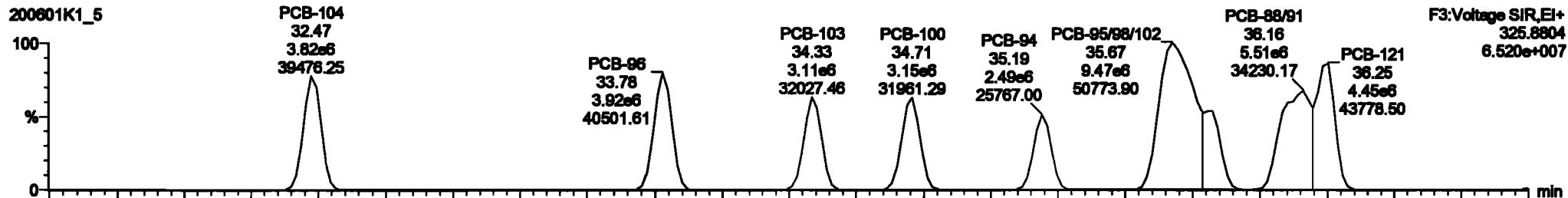


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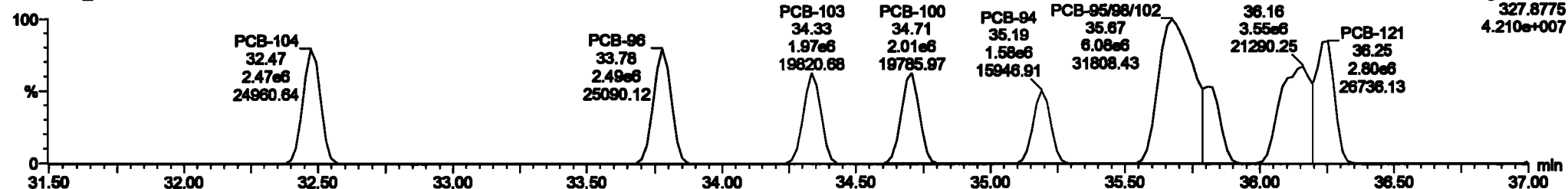
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PCB-96



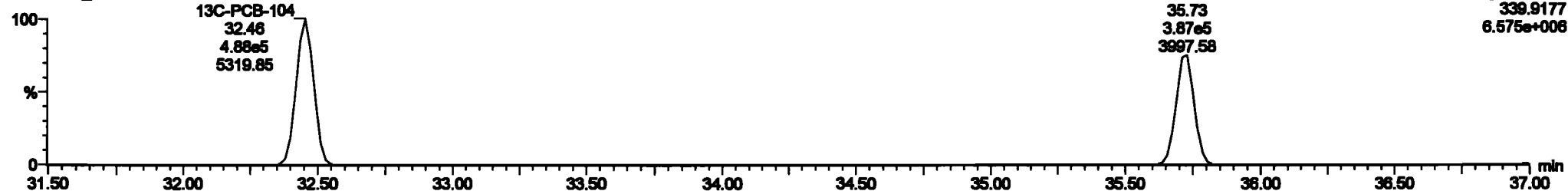
200601K1_5



13C-PCB-95



200601K1_5



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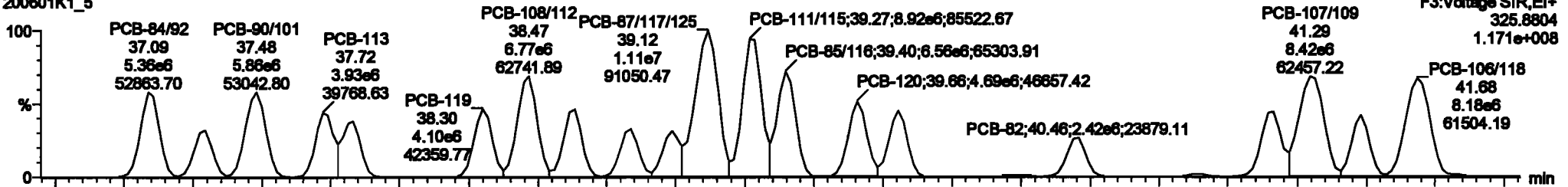
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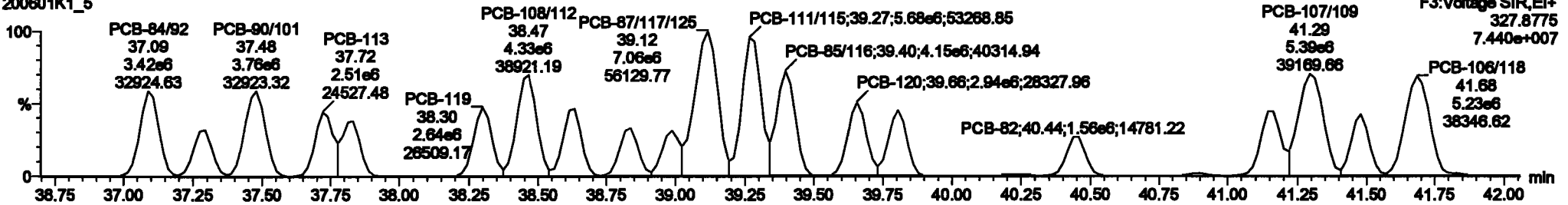
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PCB-119

200601K1_5

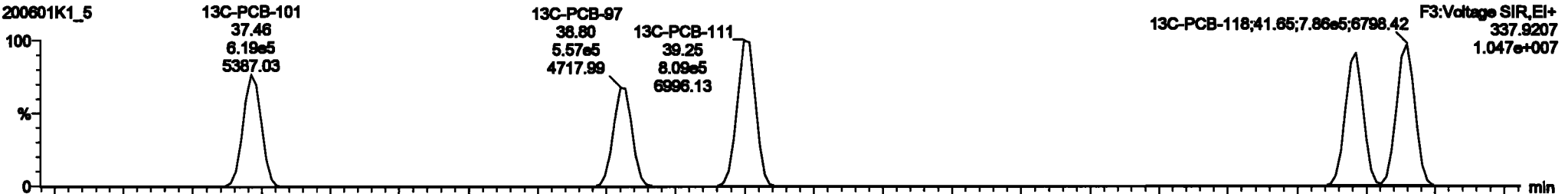


200601K1_5

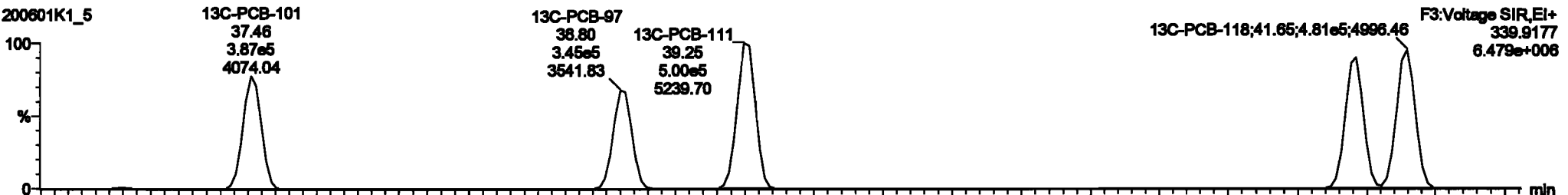


13C-PCB-111

200601K1_5

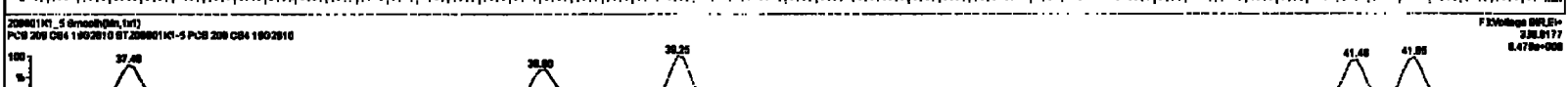
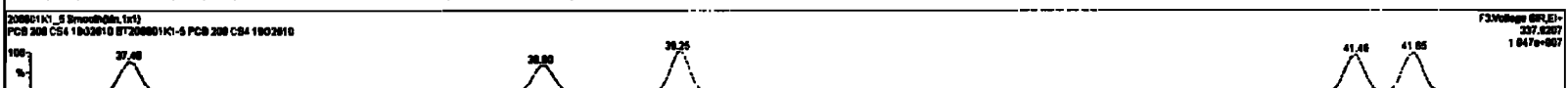
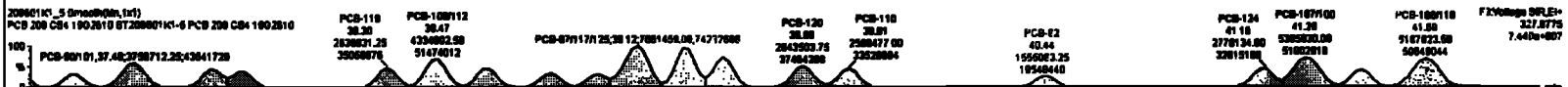
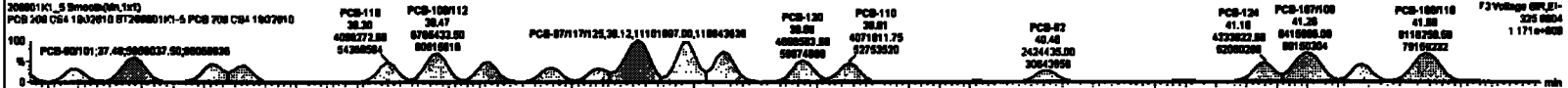


200601K1_5



#	Channel	Frequency	Amplitude	Phase	SNR	Power	Gain	Offset	Scale	Units
220	15C-PCB-70	1.0000	0.70	80	1.0000	1.000	37.70	0.000	0.000	NO
221	15C-PCB-470	7.0000	0.64	NO	1.0000	1.000	46.07	46.08	0.000	NO
224	Test Micro-PCBs				1.0000	1.000	0.000	0.000	NO	1200
226	Test DA-PCBs				1.0000	1.000	0.000	0.000	NO	50.00
228	Test Function 1A-PCBs				1.0000	1.000	0.000	0.000	NO	3000
229	Test Function 1A-PCBs				0.0000	1.000	0.000	0.000	NO	6774
230	Test Test-PCBs				1.0000	1.000	0.000	0.000	NO	10000
231	Test Function 1A-PCBs				1.0000	1.000	0.000	0.000	NO	20.00
232	Test Function 1A-PCBs				0.0000	1.000	0.000	0.000	NO	6976
233	Test Function 1A-PCBs				1.0000	1.000	0.000	0.000	NO	120.00
234	Test Test-PCBs				1.0000	1.000	0.000	0.000	NO	10000

#	Channel	Frequency	Amplitude	Phase	SNR	Power	Gain	Offset	Scale	Units
0	PCB-109	30.47	32.07	2.000e6	2.000e6	1.000	1.07	NO	420.07	420.07
1	PCB-109	30.70	30.70	2.000e6	2.000e6	1.000	1.07	NO	420.70	420.70
2	PCB-109	31.00	31.00	2.000e6	2.000e6	1.000	1.07	NO	420.00	420.00
3	PCB-109	31.20	31.20	2.000e6	2.000e6	1.000	1.07	NO	420.20	420.20
4	PCB-109	31.40	31.40	2.000e6	2.000e6	1.000	1.07	NO	420.40	420.40
5	PCB-109	31.60	31.60	2.000e6	2.000e6	1.000	1.07	NO	420.60	420.60
6	PCB-109	31.80	31.80	2.000e6	2.000e6	1.000	1.07	NO	420.80	420.80
7	PCB-109	32.00	32.00	2.000e6	2.000e6	1.000	1.07	NO	421.00	421.00
8	PCB-109	32.20	32.20	2.000e6	2.000e6	1.000	1.07	NO	421.20	421.20
9	PCB-109	32.40	32.40	2.000e6	2.000e6	1.000	1.07	NO	421.40	421.40
10	PCB-109	32.60	32.60	2.000e6	2.000e6	1.000	1.07	NO	421.60	421.60

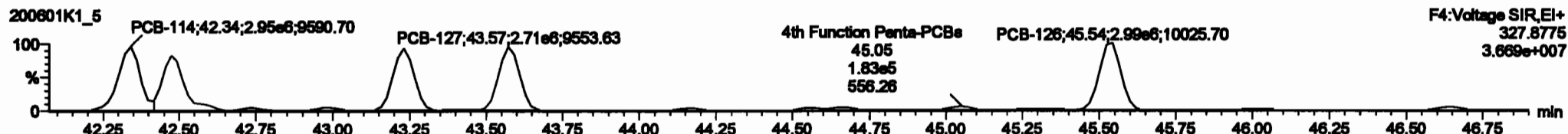
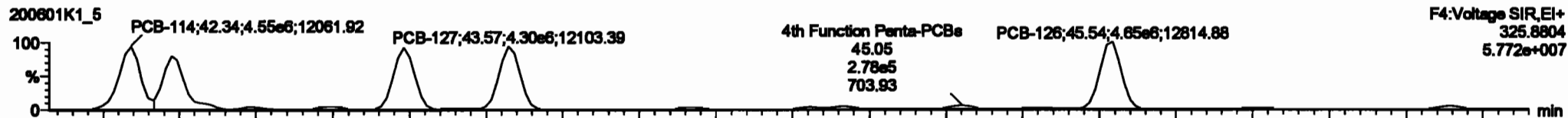


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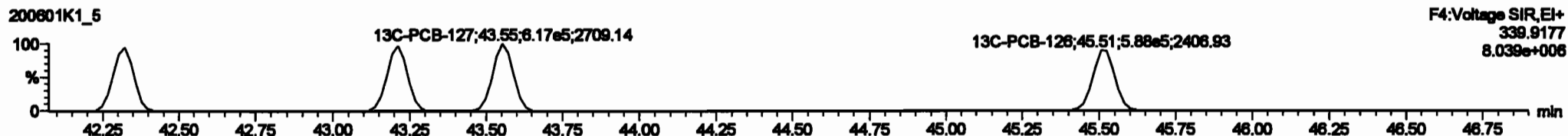
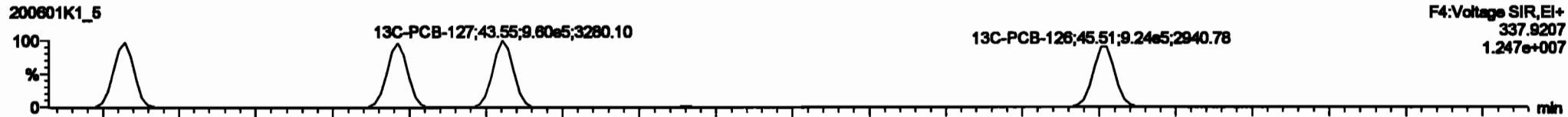
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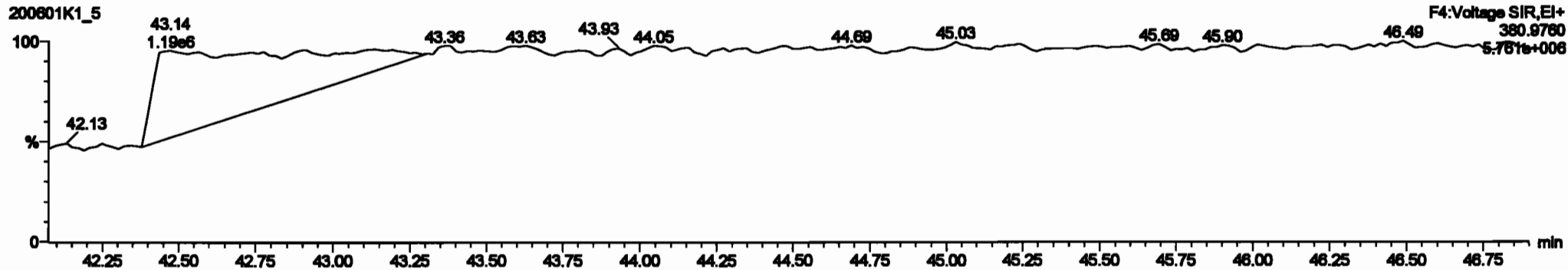
PCB-114



13C-PCB-114



PFK4a



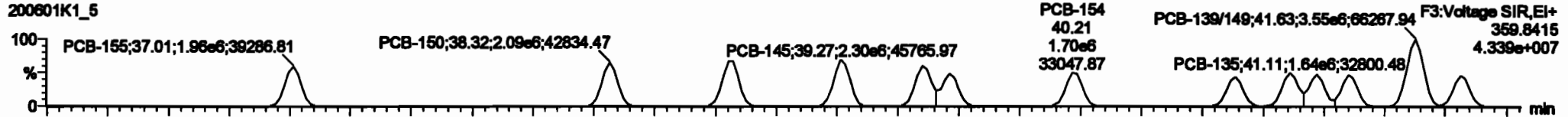
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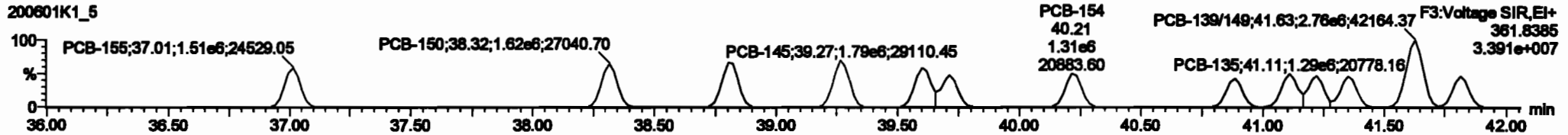
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PCB-155

200601K1_5

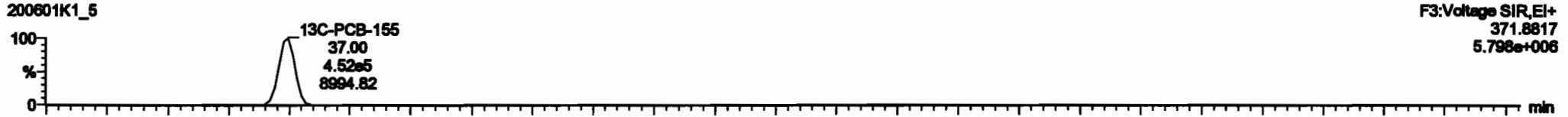


200601K1_5

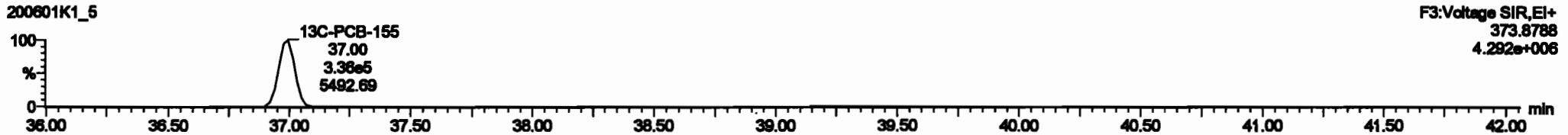


13C-PCB-155

200601K1_5

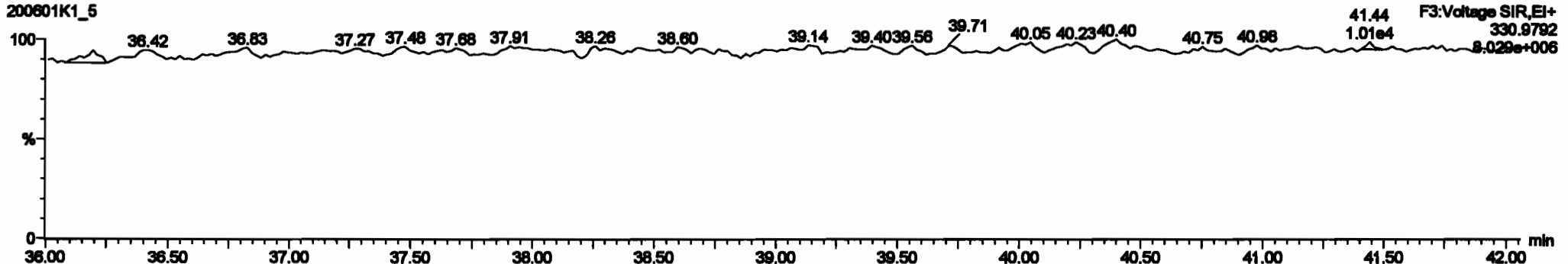


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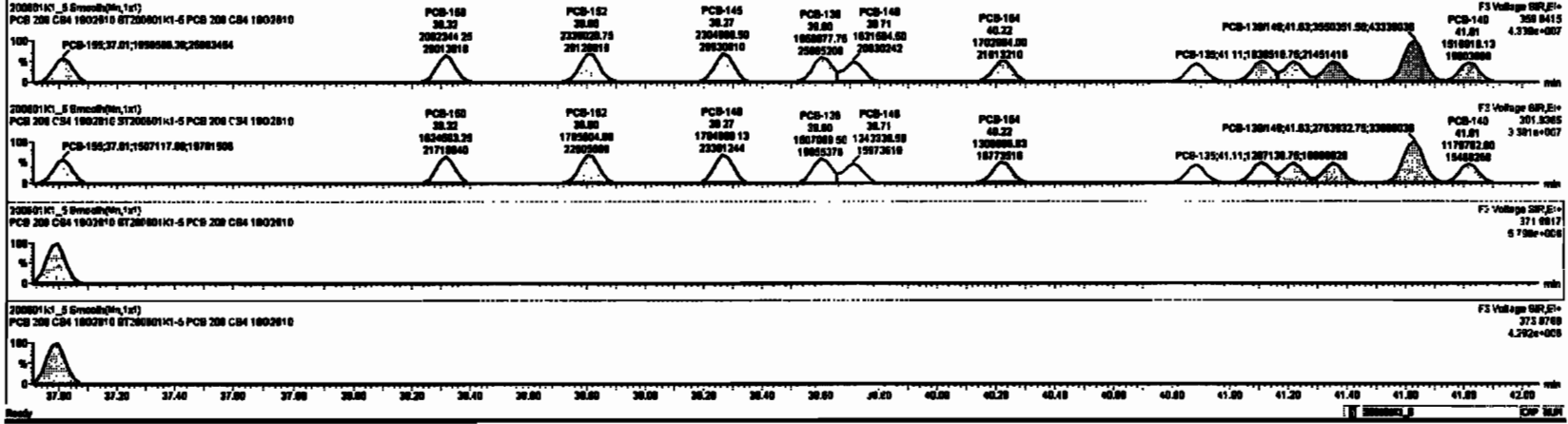
PFK3c

200601K1_5



ID	Step	Step	RM	RM	OFF	Calcd	Revised	RE	Pres.R.	Unit	RMF Pts	Chgs	Unit	RMF Pts	Chgs	RMF Pts	Chgs
222	12C-PCB-19	1.80e6	0.78	NO	1.0001	1.000	37.78	37.78	0.000	0.000	NO	87.43	87.4	0.0000			
223	12C-PCB-170	7.80e6	0.64	NO	1.0000	1.000	48.87	48.88	0.023	0.023	NO	87.18	87.2	0.1112			
224	Total Micro-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	1200	0.0201	1200			
225	Total 0-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	8130	0.2400	8130			
226	2nd Paraffin 0-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	3407	0.1100	3407			
227	2nd Paraffin 0-PCBs				0.8620	1.000	0.00	0.000	0.000	0.000	NO	8774	0.0800	8774			
228	Total Tube-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	17000	1.37	17000			
229	2nd Paraffin Tube-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	17000	0.8001	17000			
230	4th Paraffin Tube-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	2120	0.2800	2120			
231	Total Paraffin Tube-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	17140	1.3700	17140			
232	Total Micro-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	1200	0.0201	1200			

ID	Step	Step	RM	RM	OFF	Calcd	Revised	RE	Pres.R.	Unit	RMF Pts	Chgs	Unit	RMF Pts	Chgs	RMF Pts	Chgs
80	PCB-100	37.80	37.81	1.80e6	1.80e6	1.200	1.20	NO	421.45	421.45							
90	PCB-100	38.30	38.30	2.00e6	1.82e6	1.200	1.20	NO	438.01	438.01							
100	PCB-100	38.80	38.80	2.20e6	1.70e6	1.200	1.20	NO	441.48	441.48							
110	PCB-140	38.30	38.27	1.70e6	1.70e6	1.200	1.20	NO	438.03	438.03							
120	PCB-130	38.80	38.80	1.80e6	1.20e6	1.200	1.20	NO	431.80	431.80							
130	PCB-140	38.70	38.71	1.80e6	1.20e6	1.200	1.20	NO	438.70	438.70							
140	PCB-100	40.20	40.20	1.70e6	1.20e6	1.200	1.20	NO	418.80	418.80							
150	PCB-100	40.80	40.80	1.40e6	1.50e6	1.200	1.20	NO	418.30	418.30							
160	PCB-130	41.10	41.11	1.80e6	1.20e6	1.200	1.20	NO	400.82	400.82							

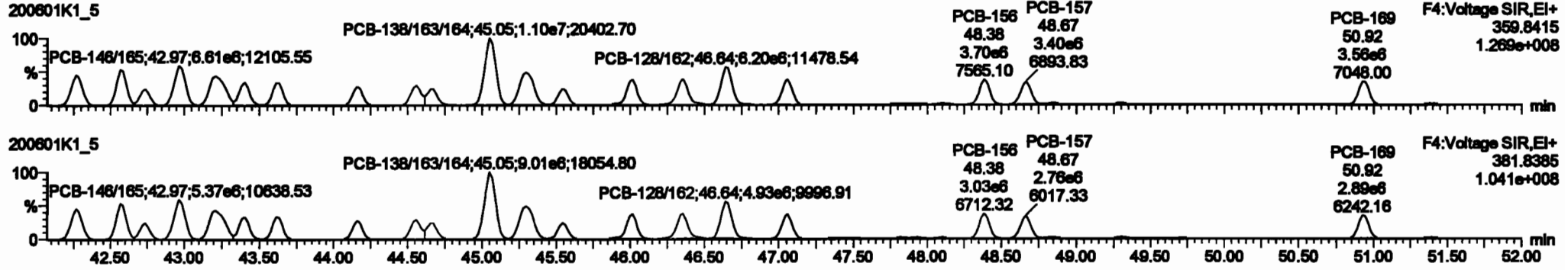


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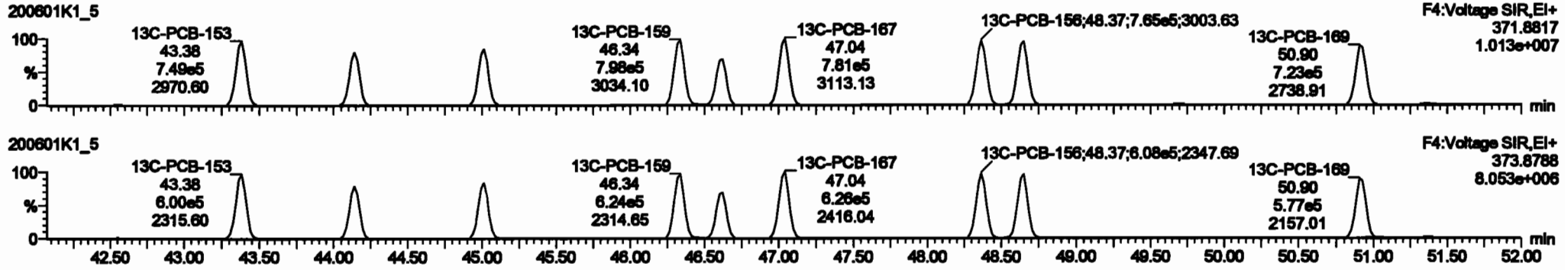
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

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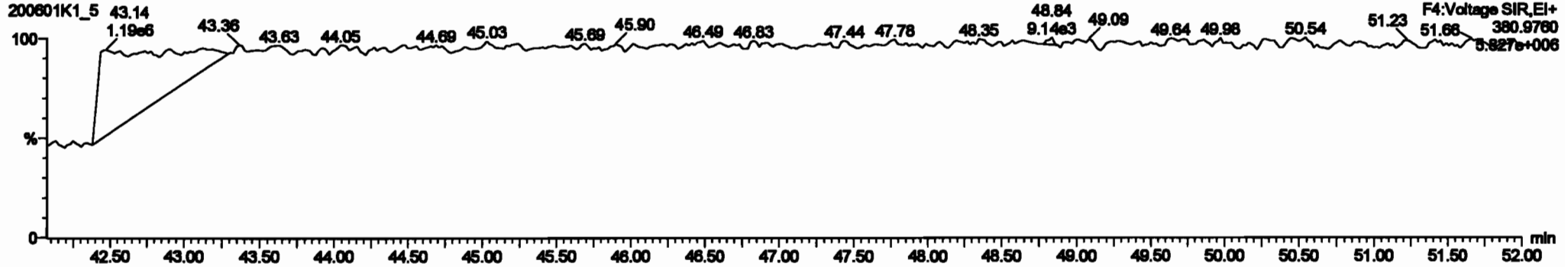
PCB-134/143



13C-PCB-153

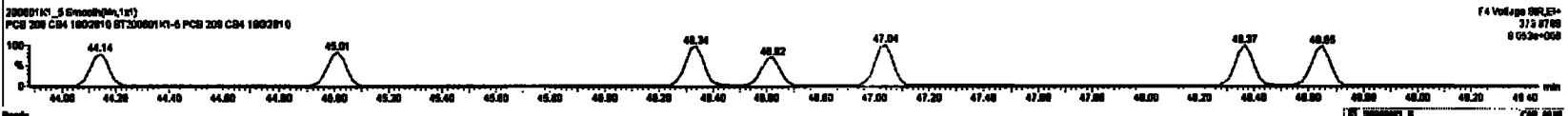
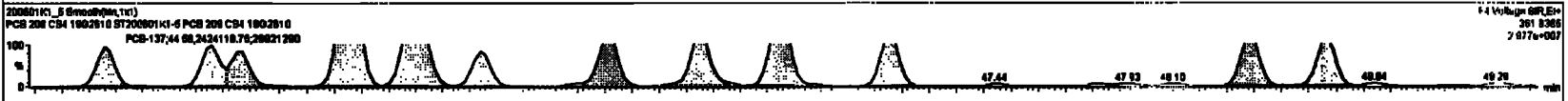
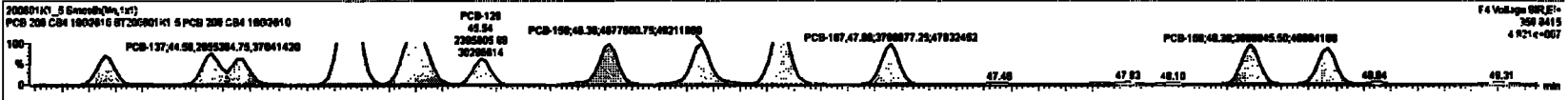


PFK4b



#	Element	Range	Unit	Min	Max	Mean	StdDev	Count	Min	Max	Mean	StdDev	Count	Min	Max	Mean	StdDev	Count
222	13C-PCB-78	1.80e4	0.78	ND	1.80e4	1.80e4	37.76	37.76	0.00e0	0.00e0	ND	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0
223	13C-PCB-79	7.90e4	0.44	ND	1.00e5	1.00e5	48.97	48.98	0.00e0	0.00e0	ND	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0	0.00e0
224	Total Mono-PCBs				1.00e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	1.20e0	0.00e0	1.20e0	0.00e0	0.00e0	0.00e0	1.20e0
225	Total Di-PCBs				1.00e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.10	0.00e0	0.10	0.00e0	0.00e0	0.00e0	0.10
226	2nd Function Tri-PCBs				1.00e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	2.07	0.00e0	2.07	0.00e0	0.00e0	0.00e0	2.07
227	3rd Function Tri-PCBs				0.00e0	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.74	0.00e0	0.74	0.00e0	0.00e0	0.00e0	0.74
228	Total Tetra-PCBs				1.077e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	1.70	0.00e0	1.77	0.00e0	0.00e0	0.00e0	1.77
229	2nd Function Penta-PCBs				1.21e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	1.40	0.00e0	1.40	0.00e0	0.00e0	0.00e0	1.40
230	4th Function Penta-PCBs				1.07e5	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	2.10	0.00e0	2.10	0.00e0	0.00e0	0.00e0	2.10
231	2nd Function Hexa-PCBs				0.00e0	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.00	0.00e0	0.00	0.00e0	0.00e0	0.00e0	0.00
232	2nd Function Hepta-PCBs				0.00e0	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.00	0.00e0	0.00	0.00e0	0.00e0	0.00e0	0.00
233	2nd Total Hexa-PCBs				0.00e0	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.00	0.00e0	0.00	0.00e0	0.00e0	0.00e0	0.00
234	2nd Total Hepta-PCBs				0.00e0	1.00e5	0.00	0.00	0.00e0	0.00e0	ND	0.00	0.00e0	0.00	0.00e0	0.00e0	0.00e0	0.00

#	Element	Range	Unit	Min	Max	Mean	StdDev	Count	Min	Max	Mean	StdDev	Count
111	PCB-137A-49	42.30	42.30	0.01e4	4.00e4	1.24	1.24	ND	891.01	891.01	ND	891.01	
112	PCB-137A-50	42.80	42.80	0.00e4	4.30e4	1.24	1.24	ND	891.01	891.01	ND	891.01	
113	PCB-142	42.74	42.74	2.00e4	1.00e5	1.24	1.24	ND	438.01	438.01	ND	438.01	
114	PCB-149B	42.80	42.80	0.00e4	4.50e4	1.24	1.24	ND	873.01	873.01	ND	873.01	
115	PCB-150B1	43.27	43.27	0.07e4	4.20e4	1.24	1.24	ND	891.01	891.01	ND	891.01	
116	PCB-160	43.00	43.00	2.47e4	2.70e4	1.24	1.24	ND	427.01	427.01	ND	427.01	
117	PCB-168	43.00	43.00	0.00e4	3.00e4	1.24	1.24	ND	426.70	426.70	ND	426.70	
118	PCB-141	44.10	44.10	2.74e4	2.10e4	1.24	1.24	ND	431.01	431.01	ND	431.01	
119	PCB-157	44.00	44.00	3.00e4	2.42e4	1.24	1.24	ND	431.01	431.01	ND	431.01	



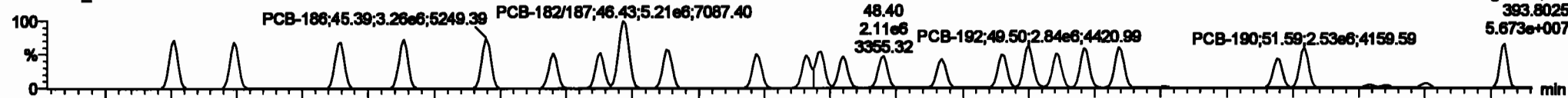
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

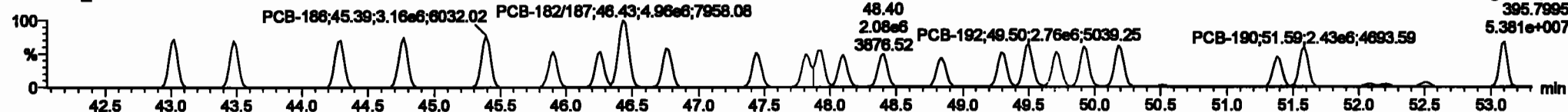
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PCB-188

200601K1_5

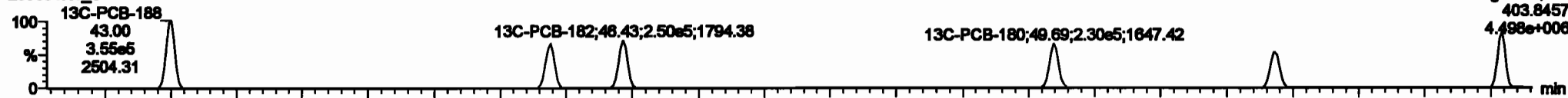


200601K1_5

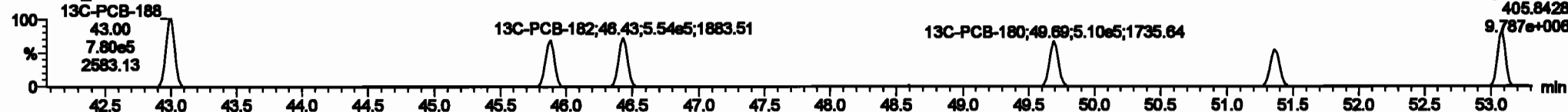


13C-PCB-188

200601K1_5

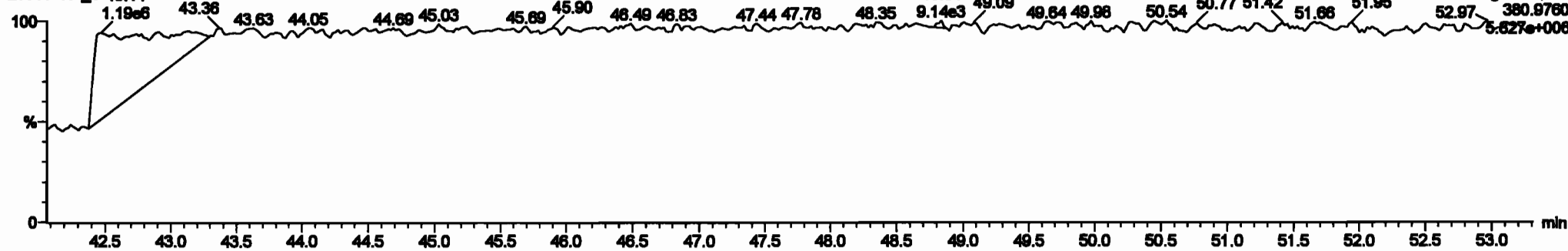


200601K1_5



PFK4c

200601K1_5



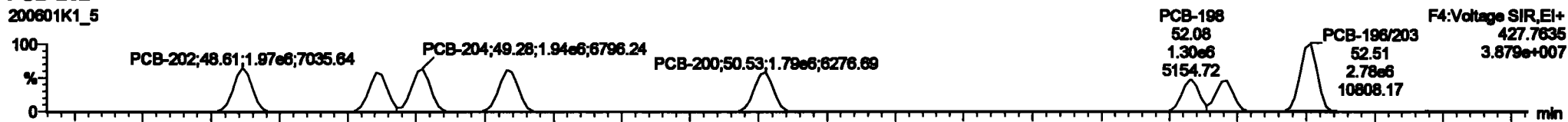
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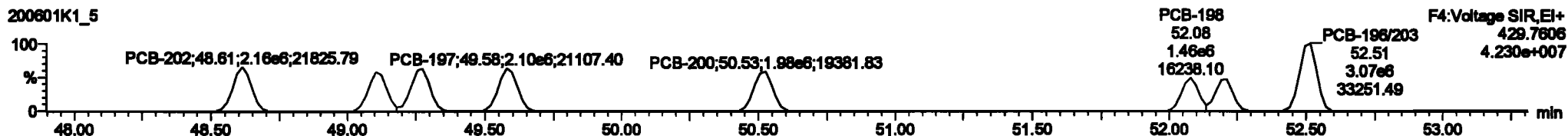
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PCB-202

200601K1_5

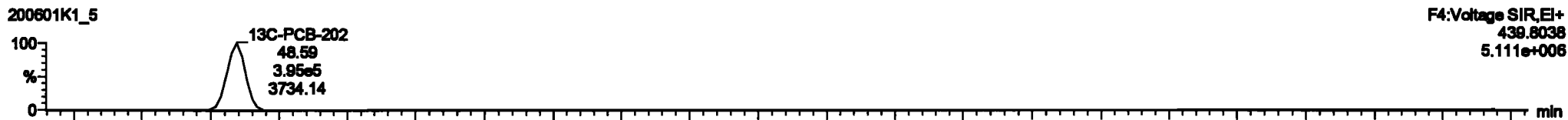


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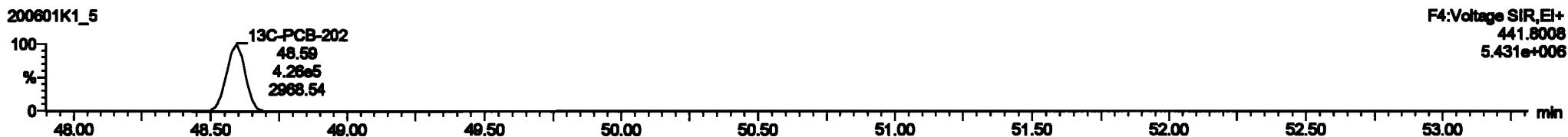


13C-PCB-202

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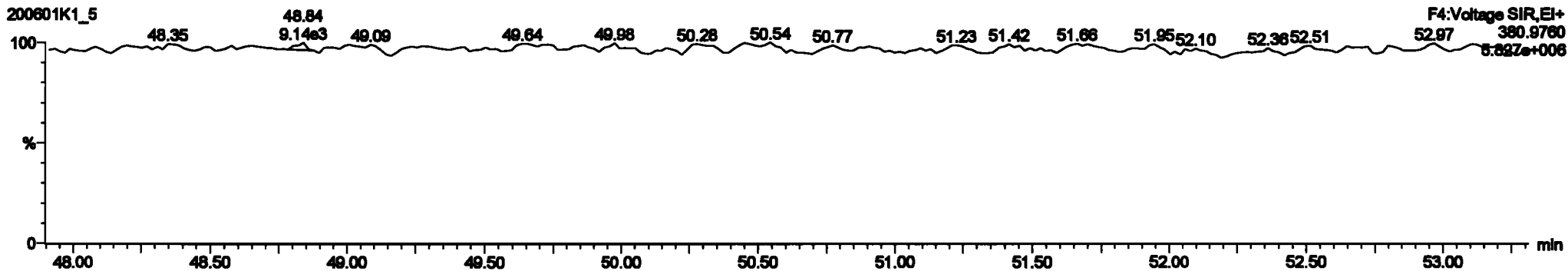


200601K1_5



PFK4d

200601K1_5



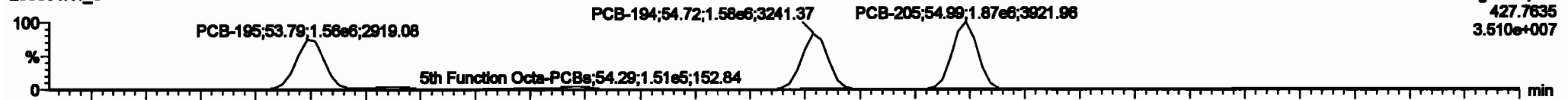
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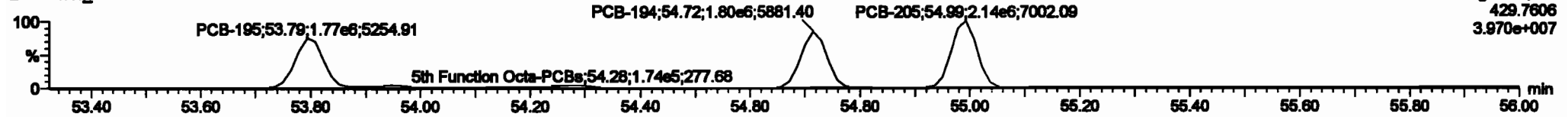
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PCB-195

200601K1_5

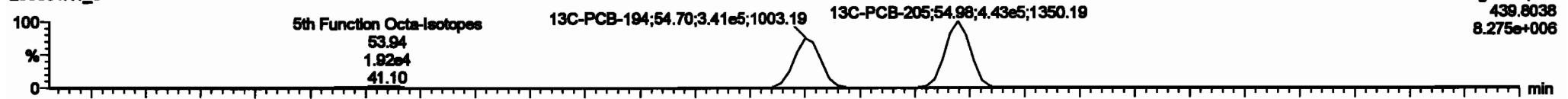


200601K1_5

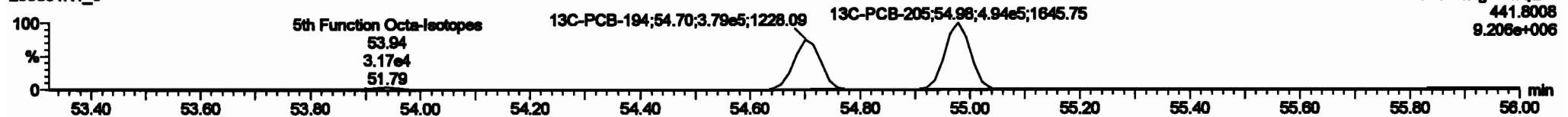


13C-PCB-194

200601K1_5

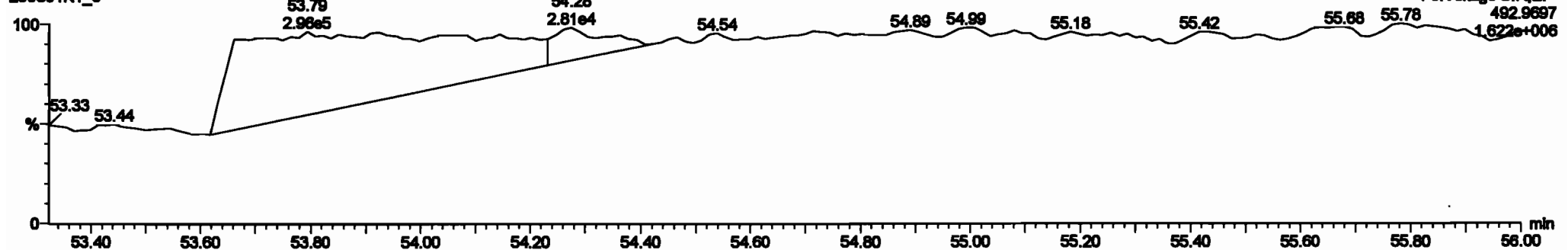


200601K1_5



PFK5a

200601K1_5



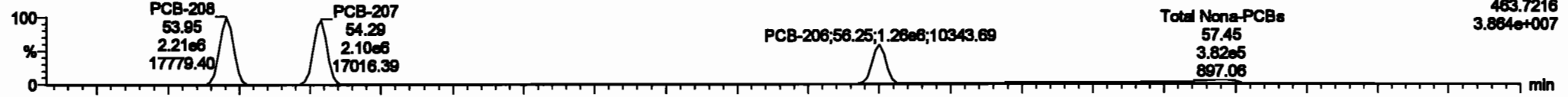
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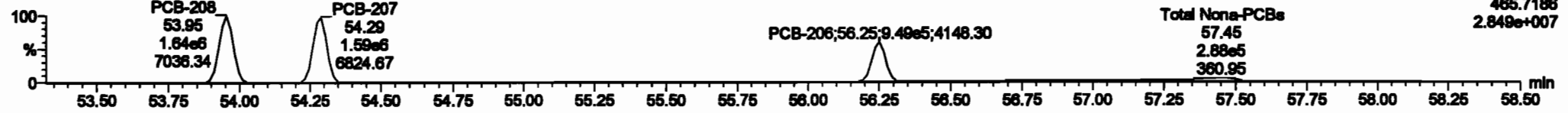
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PCB-208

200601K1_5

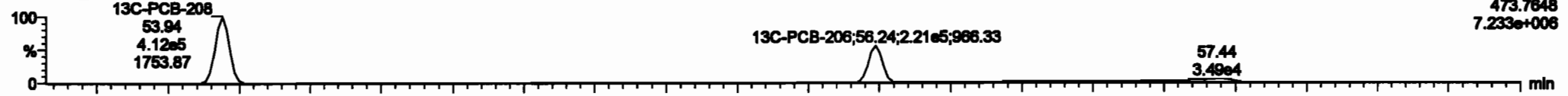


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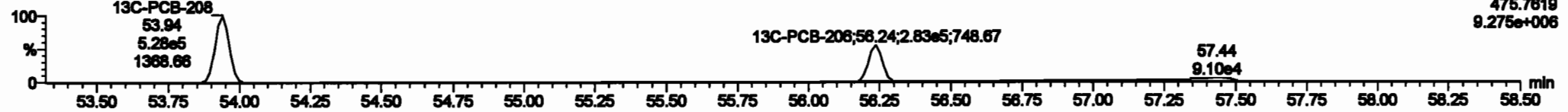


13C-PCB-208

200601K1_5

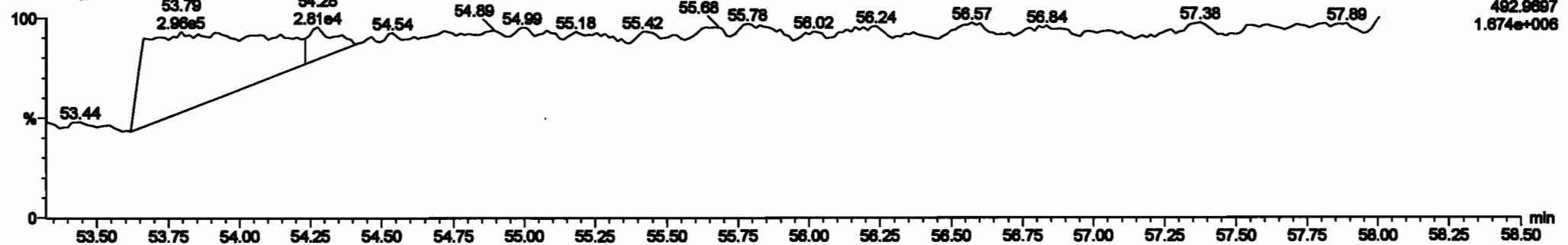


200601K1_5



PFK5

200601K1_5



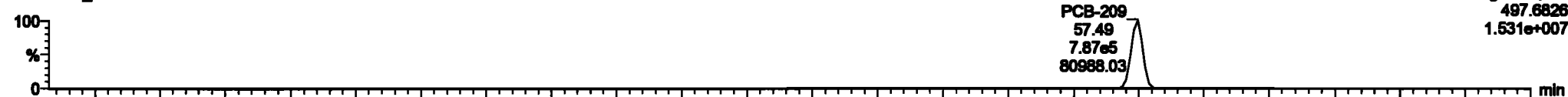
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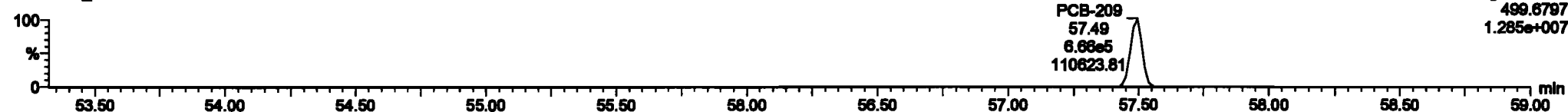
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PCB-209

200601K1_5

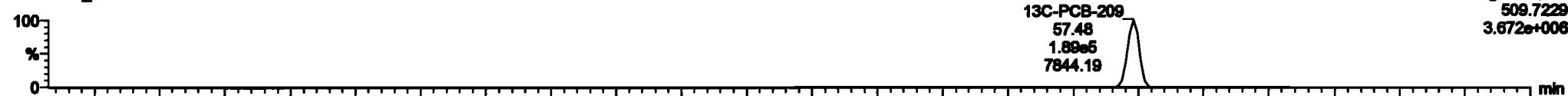


200601K1_5

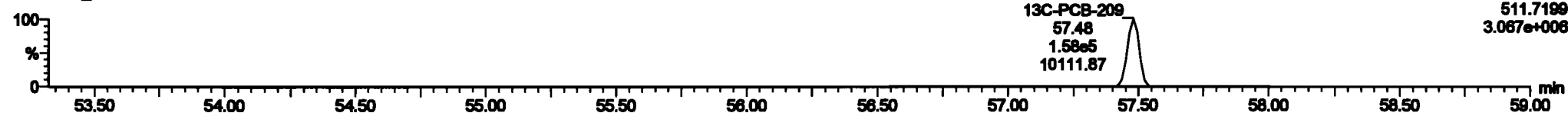


13C-PCB-209

200601K1_5

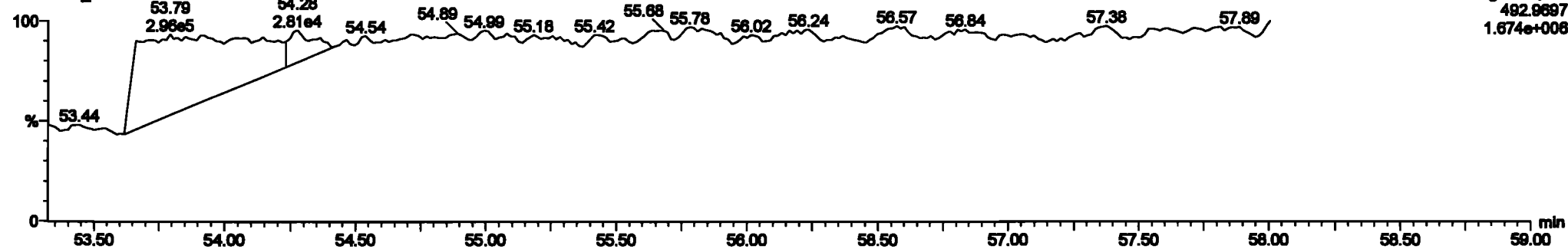


200601K1_5



PFK5b

200601K1_5



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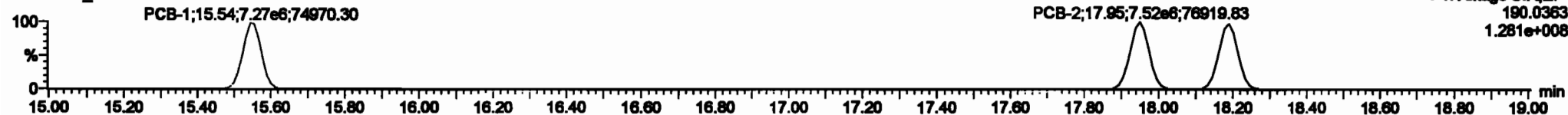
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PCB-1

200601K1_6



200601K1_6



13C-PCB-1

200601K1_6

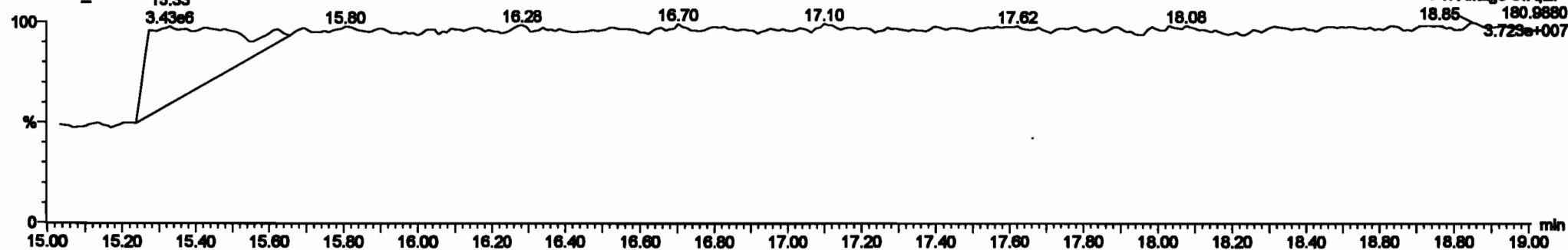


200601K1_6



PFK1

200601K1_6

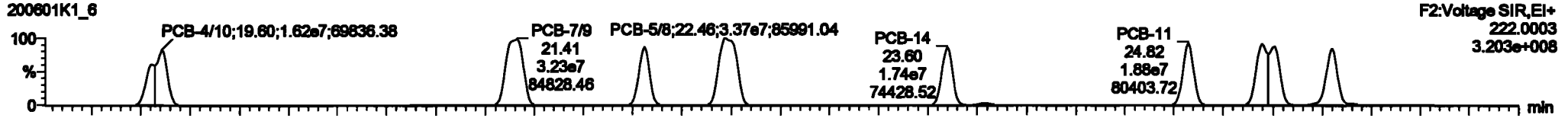


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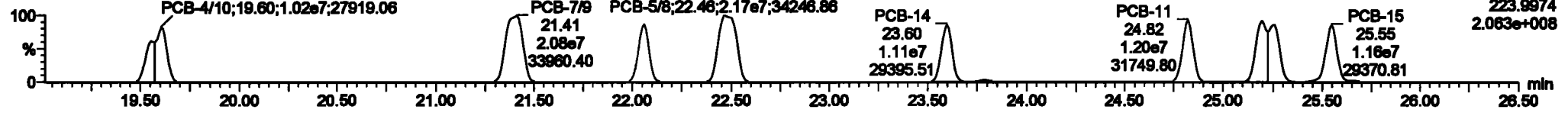
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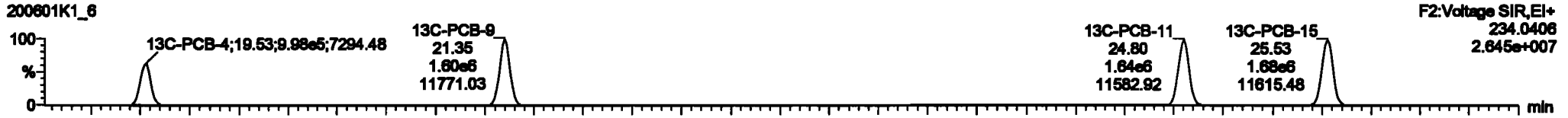
PCB-4/10



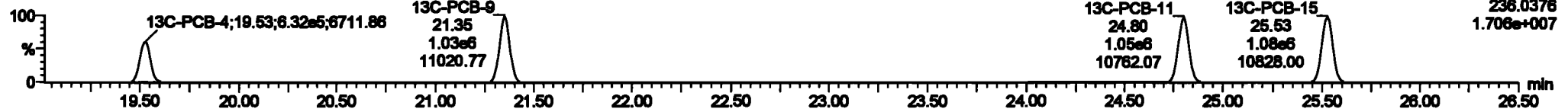
200601K1_6



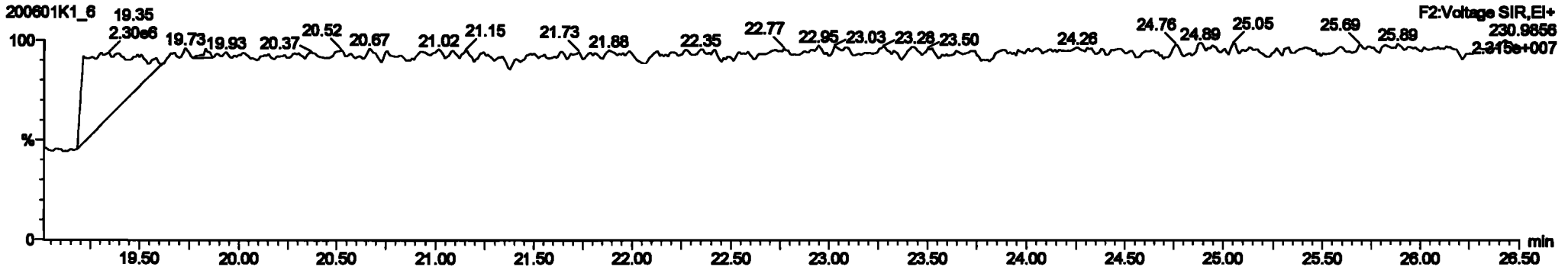
13C-PCB-4



200601K1_6

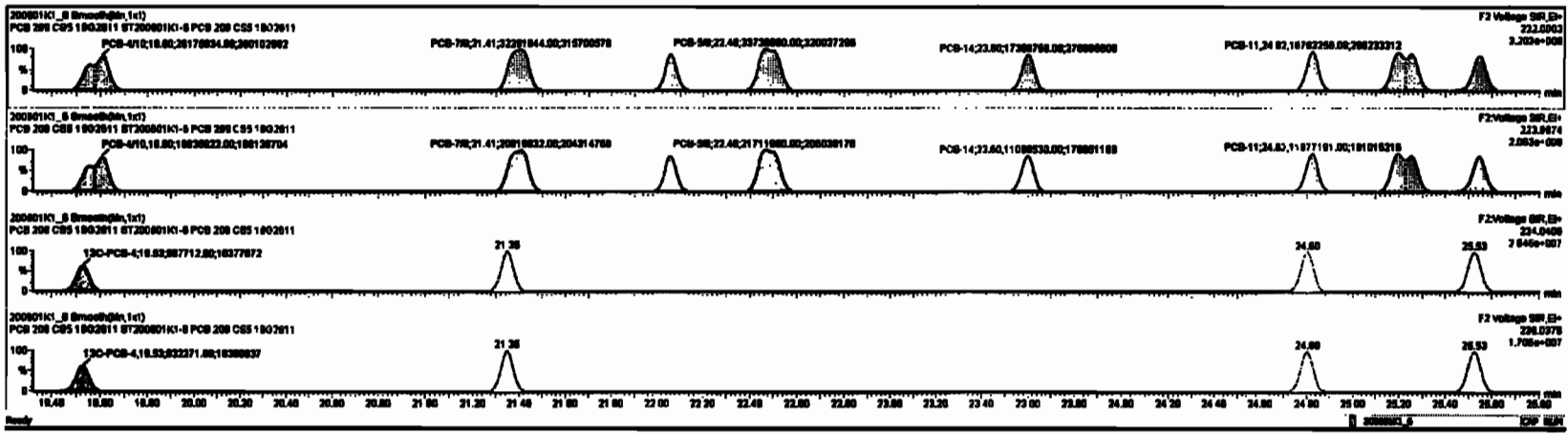


PFK2a



ID	Name	Comp	SN	Qty	Unit	Volts	PreDist	RT	PostDist	RT	PreDist	RT	PostDist	Comp	SN	BA	DFC
228	12C-PCB-205	1.05e6	0.92	NO	1.0000	1.000	84.86	84.86	1.0000	0.000	NO	100.0	100	0.120			
229	12C-PCB-79	2.05e6	0.79	NO	1.0000	1.000	37.76	37.76	1.0000	1.000	NO	107.0	105	0.0000			
230	12C-PCB-478	7.70e6	0.48	NO	0.7000	1.000	48.00	48.00	0.0000	0.000	NO	88.00	88.1	0.100			
231	12C-PCB-78	3.05e6	0.78	NO	1.0000	1.000	37.76	37.76	0.0000	0.000	NO	88.00	88.0	0.0000			
232	12C-PCB-478	7.70e6	0.48	NO	1.0000	1.000	48.00	48.00	0.0000	0.000	NO	84.00	84.4	0.0000			
234	Total Noise-PCBs				1.0000	1.000	0.00	0.000	0.0000	0.000	NO	3000		0.0000			
235	2nd Parallel TN-PCBs				1.0000	1.000	0.00	0.000	0.0000	0.000	NO	6204		0.120			
237	2nd Parallel TN-PCBs				0.8000	1.000	0.00	0.000	0.0000	0.000	NO	18910		0.000			
238	Total Value-PCBs				1.0000	1.000	0.00	0.000	0.0000	0.000	NO	43000		2.30			
239	2nd Parallel Paralle-PCBs				1.0000	1.000	0.00	0.000	0.0000	0.000	NO	43000		2.30			
240	Total Parallel Paralle-PCBs				1.0000	1.000	0.00	0.000	0.0000	0.000	NO	43000		2.30			

ID	Name	PreDist	RT	Volts	Unit	Volts	PreDist	RT	Volts	Unit	Volts	PreDist	RT	Volts	Unit	Volts	PreDist	RT
0	PCB-488	18.81	18.80	2.810e7	1.880e7	1.880	1.88	NO	2114.3	2114.3								
8	PCB-78	21.41	21.41	3.280e7	3.280e7	1.880	1.88	NO	2108.4	2108.4								
8	PCB-8	22.08	22.08	1.710e7	1.710e7	1.880	1.88	NO	1048.8	1048.8								
8	PCB-58	22.48	22.48	3.370e7	3.370e7	1.880	1.88	NO	2128.8	2128.8								
8	PCB-14	23.81	23.80	1.320e7	1.320e7	1.880	1.87	NO	1881.1	1881.1								
8	PCB-11	24.80	24.80	1.880e7	1.880e7	1.880	1.87	NO	1818.7	1818.7								
8	PCB-15B	25.38	25.38	3.280e7	3.280e7	1.880	1.88	NO	2088.8	2088.8								
8	PCB-16	26.07	26.06	1.770e7	1.770e7	1.880	1.88	NO	1048.8	1048.8								

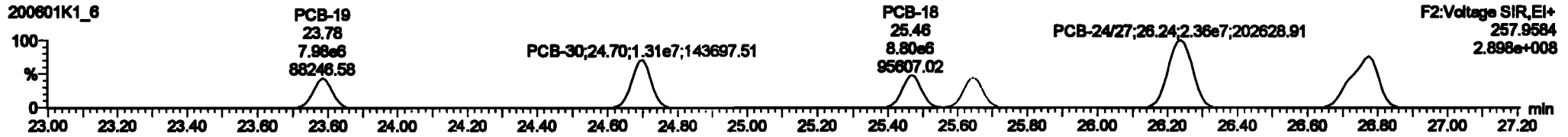


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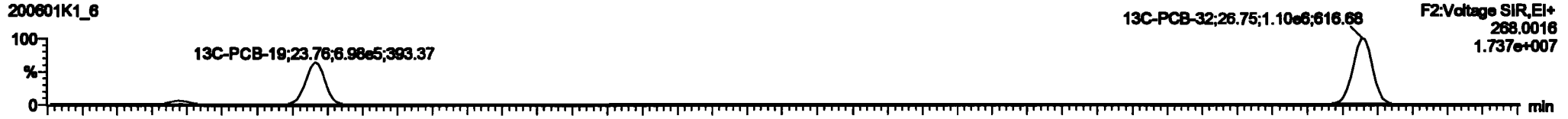
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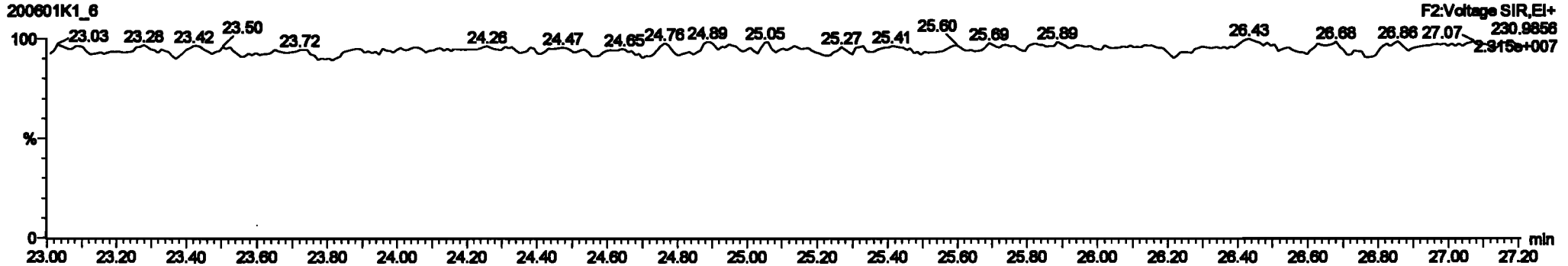
PCB-19



13C-PCB-19



PFK2b

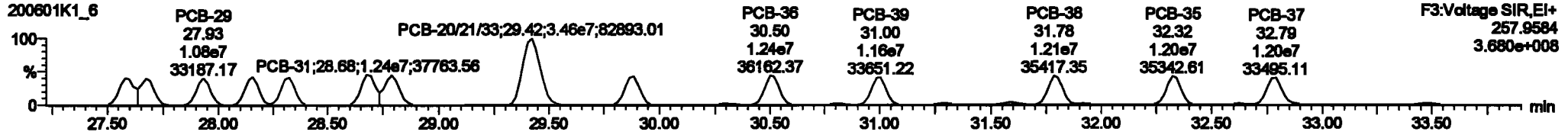
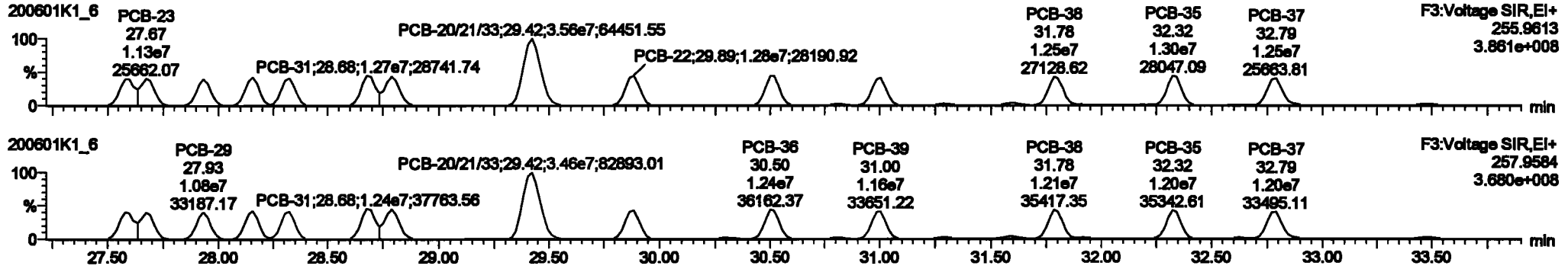


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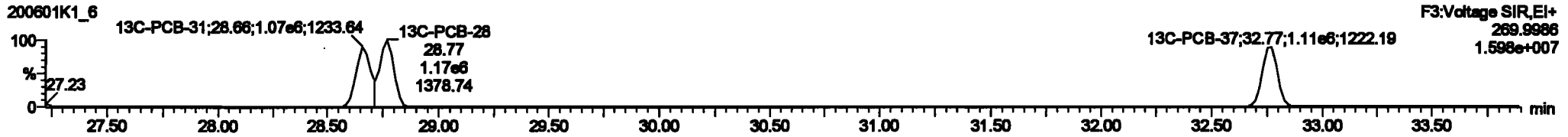
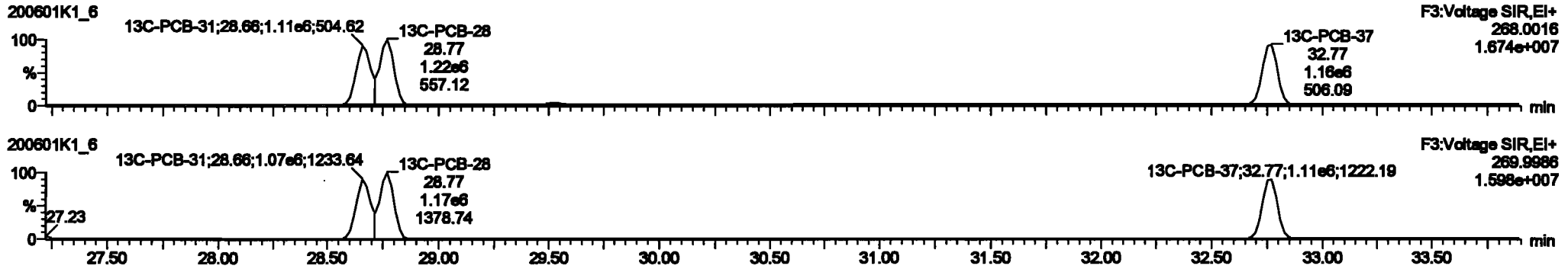
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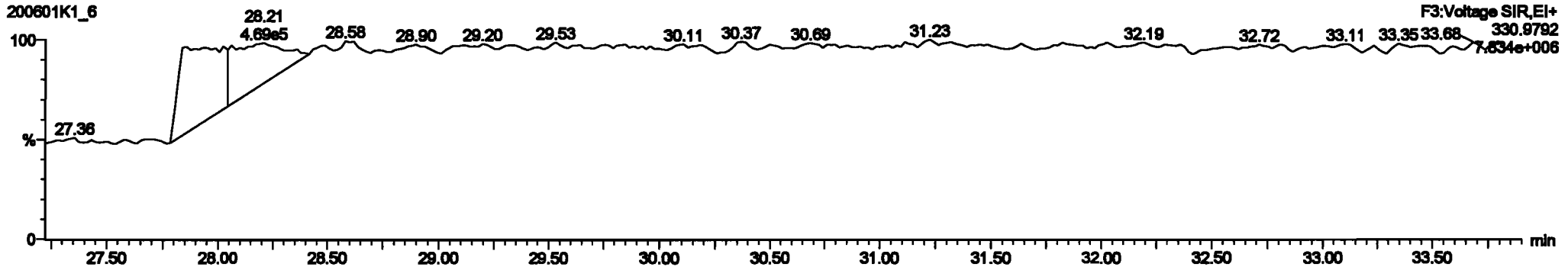
PCB-34



13C-PCB-28

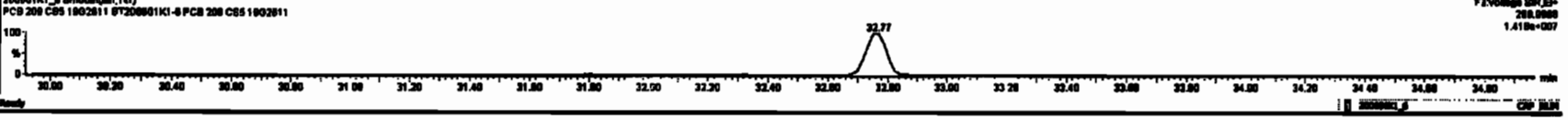
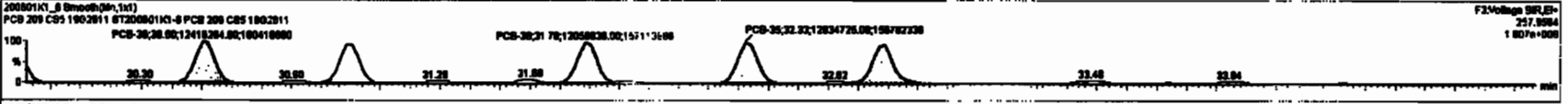
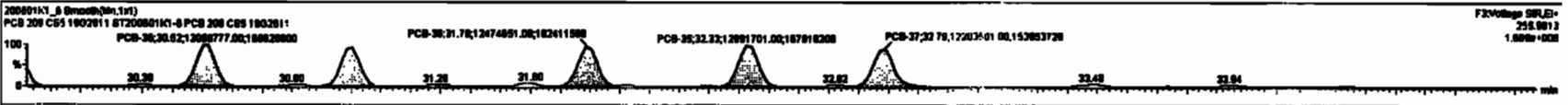


PFK3d



#	Name	Range	BA	Unit	Min	Max	Peak	Area	Height	Width	Volume	Count	Rate	Time	OffPC
219	13C-PCB-305	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-376	2.00e6	0.70	MD	1.0000	1.0000	37.70	37.70	1.000	1.000	MD	101.0	101	0.0000	
221	13C-PCB-178	7.70e6	0.45	MD	0.7000	1.0000	45.80	45.80	0.800	0.800	MD	98.07	98.1	0.103	
222	13C-PCB-376	2.00e6	0.70	MD	1.0001	1.0000	37.70	37.70	0.800	0.800	MD	98.01	98.0	0.0040	
223	13C-PCB-178	7.70e6	0.45	MD	1.0000	1.0000	45.87	45.80	0.820	0.820	MD	94.43	94.4	0.0094	
224	Total Name-PCBs				1.1885	1.0000	0.00	0.000			MD	3183		0.0407	3183
225	Total CA-PCBs				1.0037	1.0000	0.00	0.000			MD	12800		0.380	12800
226	Total Function-PCBs				1.0007	1.0000	0.00	0.000			MD	8204		0.128	8204
227	Total Name-PCBs				0.0000	1.0000	0.00	0.000			MD	42620		2.32	42620
228	Total Name-PCBs				1.0773	1.0000	0.00	0.000			MD	42620		2.05	42620
229	Total Function-PCBs				1.0704	1.0000	0.00	0.000			MD	42620		2.05	42620
230	Total Name-PCBs				1.0704	1.0000	0.00	0.000			MD	42620		2.05	42620

#	Name	Peak	Int	Est Range	Est Range	Est Range (Peak)	BA	Unit	OffPC
1	16 PCB-34	27.80	27.80	1.100e7	1.100e7	1.040	1.00	MD	1021.1
2	18 PCB-25	27.87	27.87	1.120e7	1.080e7	1.040	1.07	MD	1030.7
3	20 PCB-26	27.89	27.89	1.100e7	1.080e7	1.040	1.00	MD	1023.7
4	21 PCB-28	28.16	28.16	1.100e7	1.140e7	1.040	1.04	MD	1024.1
5	22 PCB-28	28.21	28.21	1.170e7	1.130e7	1.040	1.04	MD	1018.0
6	23 PCB-24	28.88	28.88	1.370e7	1.300e7	1.040	1.00	MD	1014.3
7	24 PCB-28	28.78	28.78	1.200e7	1.270e7	1.040	1.00	MD	1048.1
8	25 PCB-20H100	28.43	28.43	3.000e7	3.000e7	1.040	1.00	MD	2144.3
9	26 PCB-32	28.87	28.88	1.200e7	1.200e7	1.040	1.00	MD	1071.1

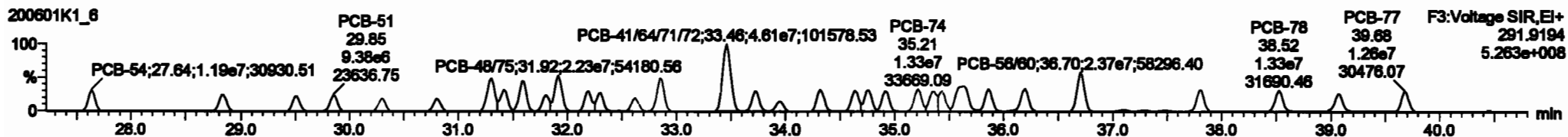
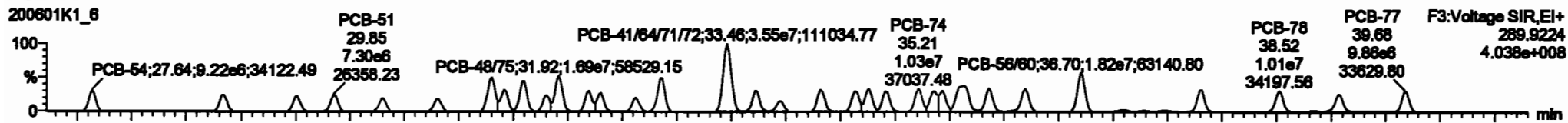


Dataset: Untitled

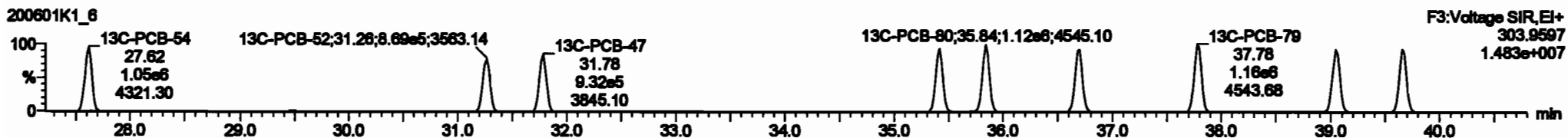
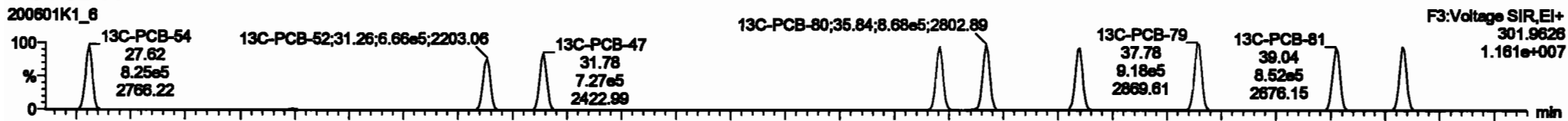
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

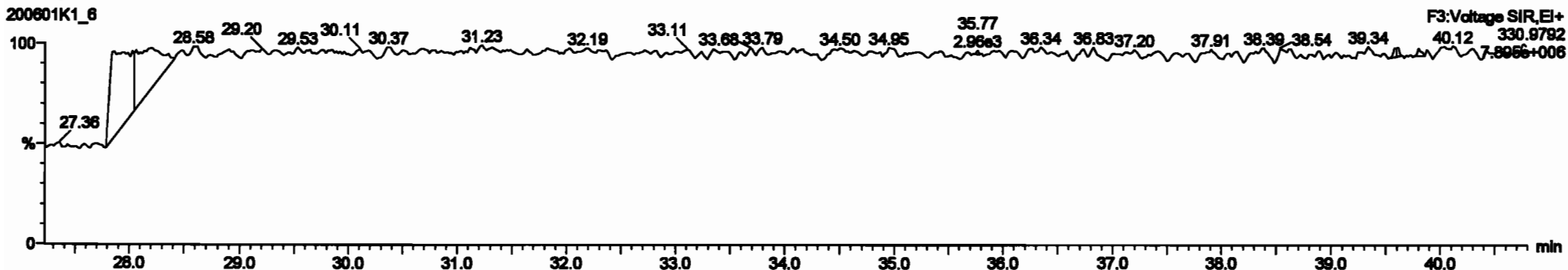
PCB-54



13C-PCB-54



PFK3a



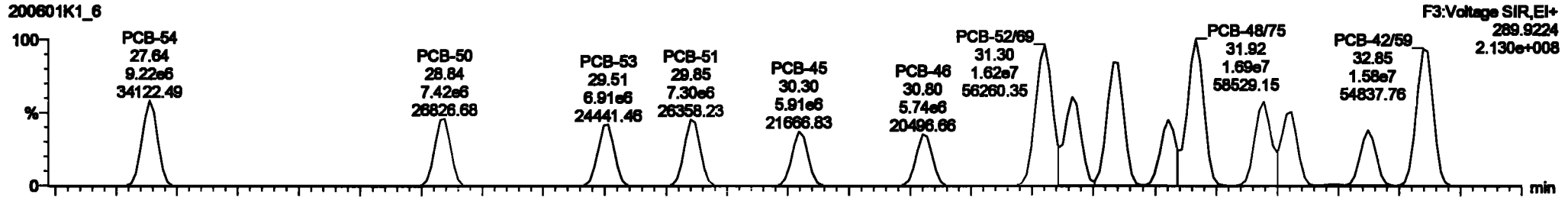
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

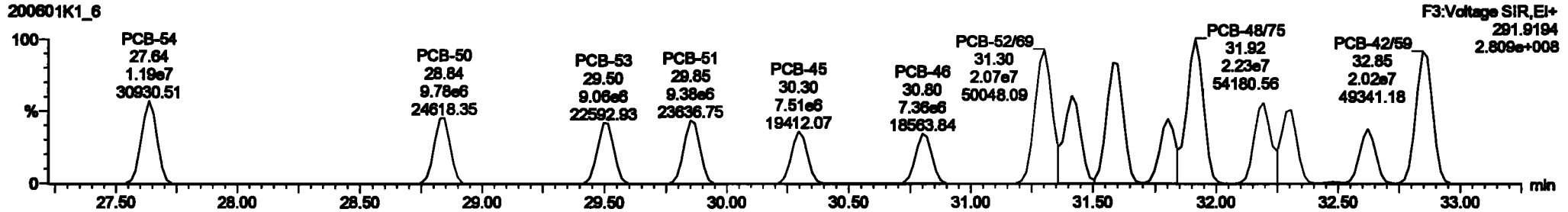
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PCB-50

200601K1_6

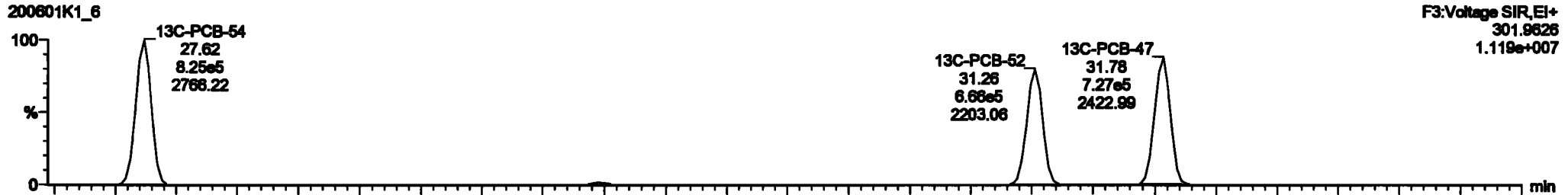


200601K1_6

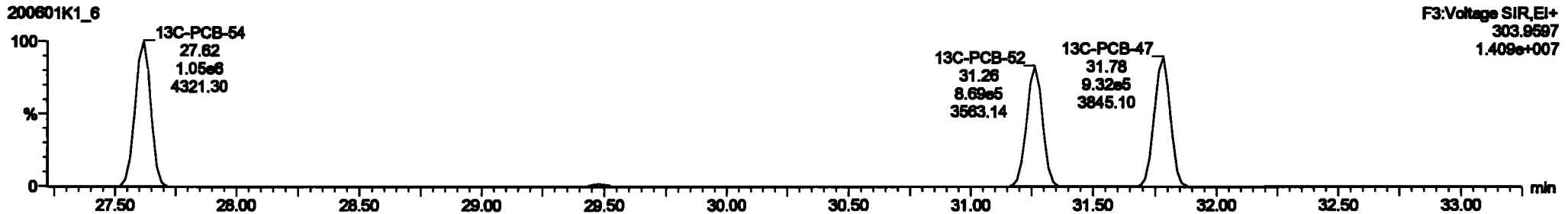


13C-PCB-52

200601K1_6



200601K1_6



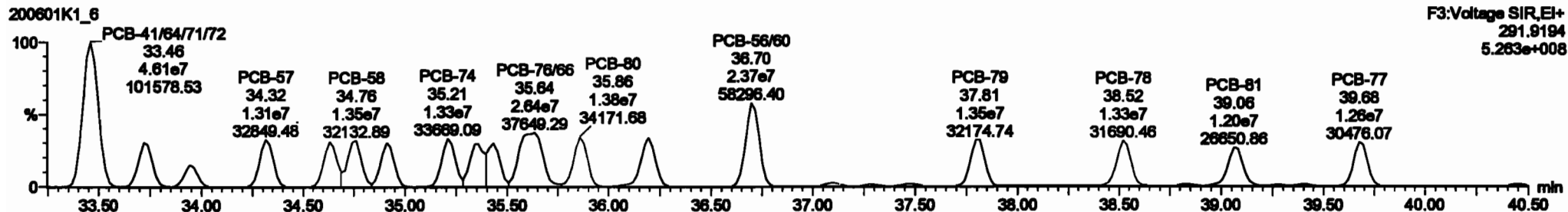
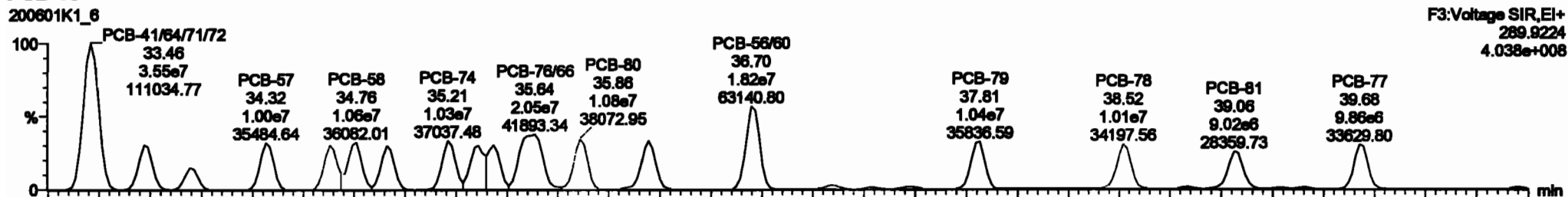
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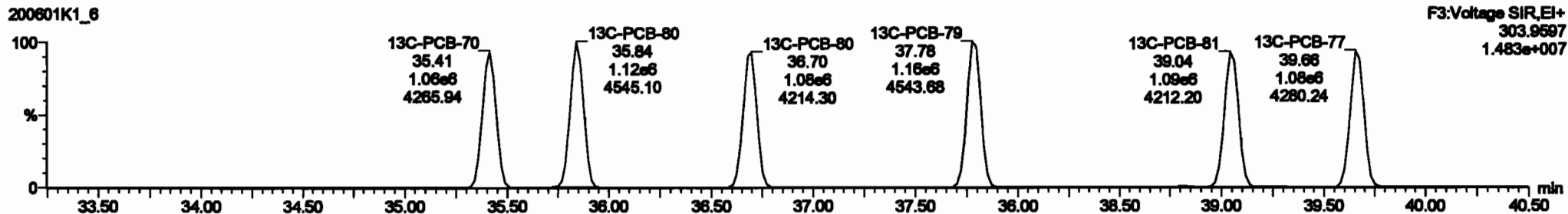
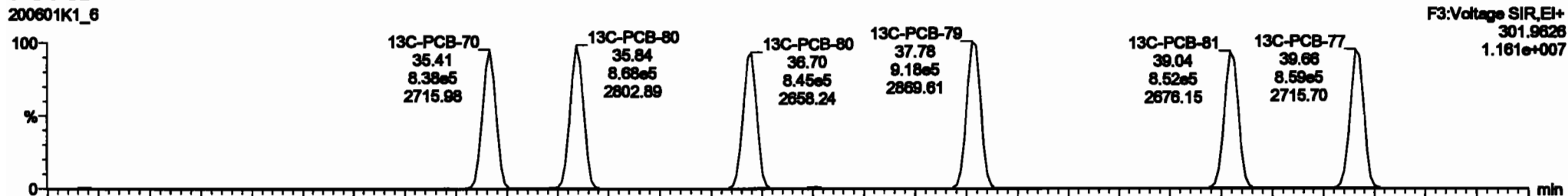
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

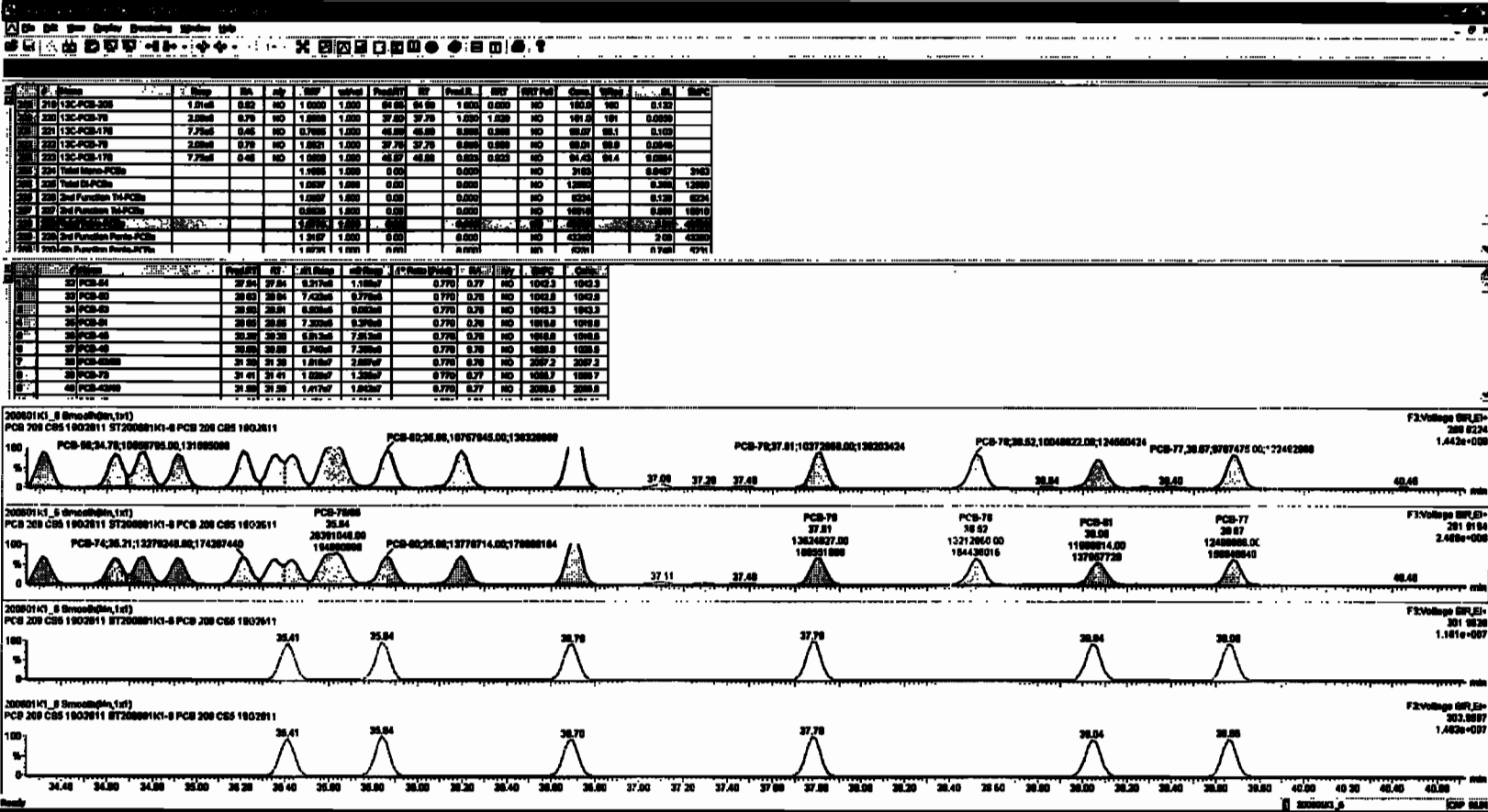
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PCB-68



13C-PCB-60



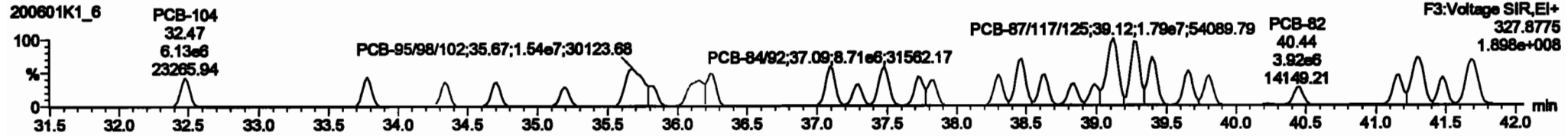
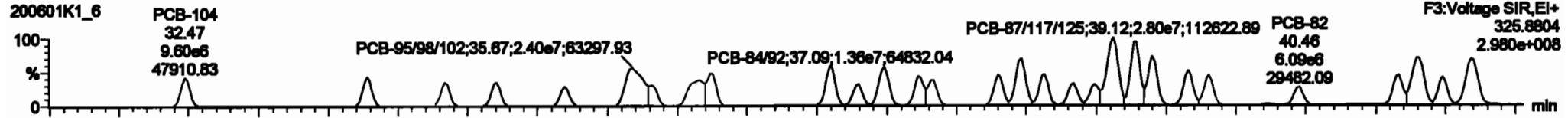


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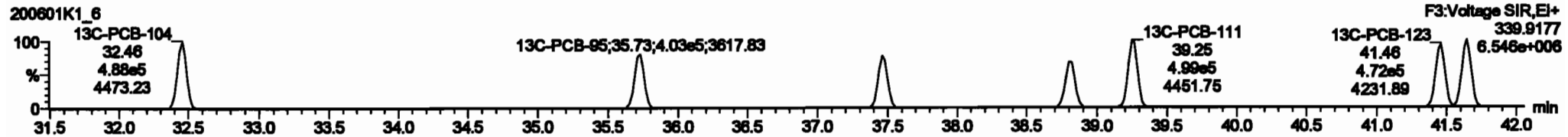
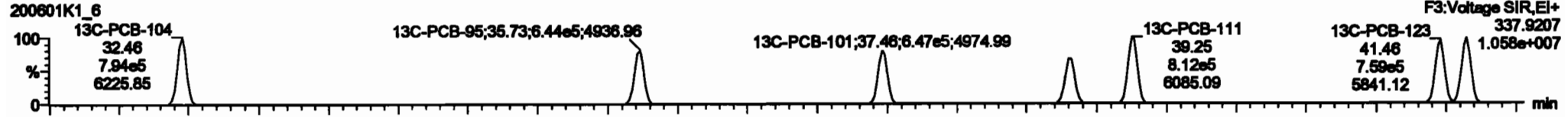
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
 Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

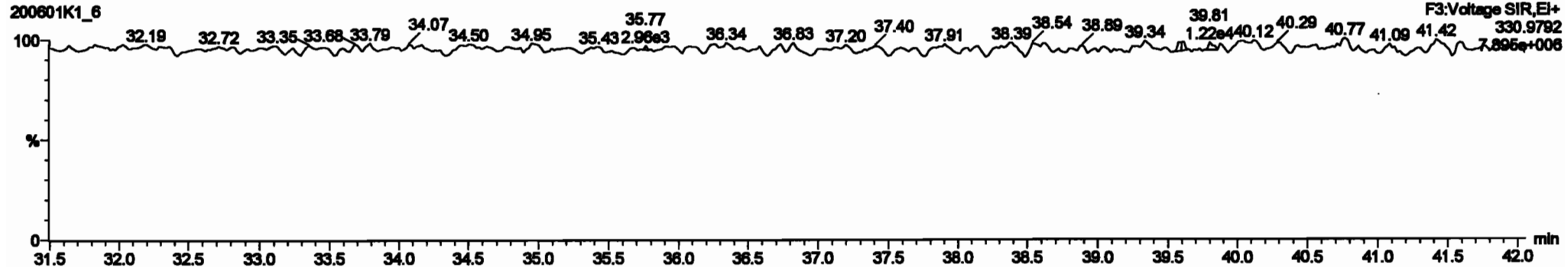
PCB-104



13C-PCB-104



PFK3b



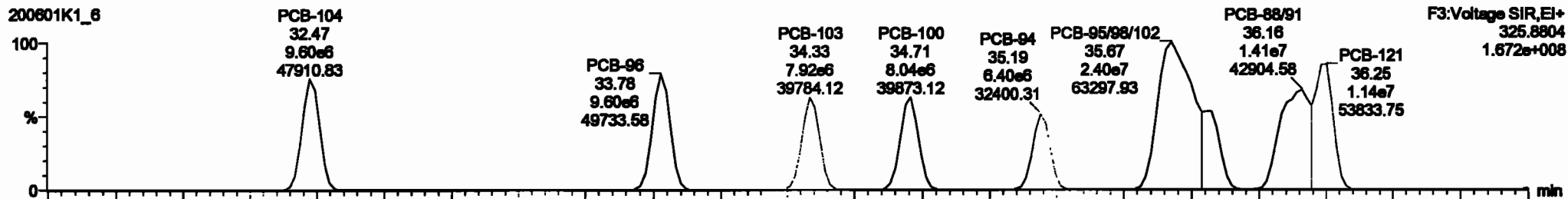
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

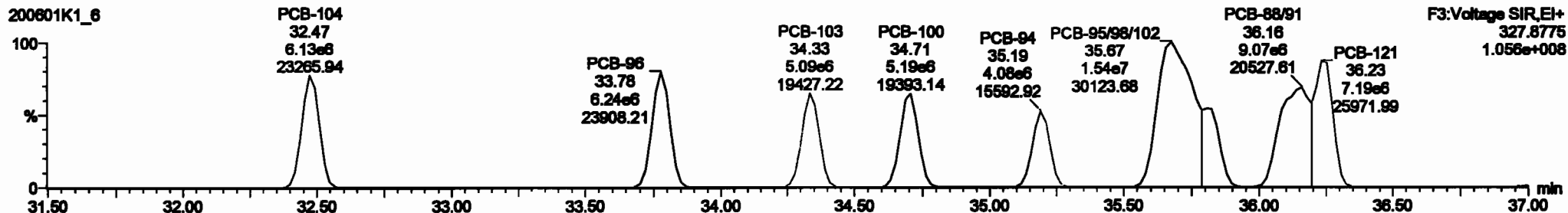
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PCB-96

200601K1_6



200601K1_6

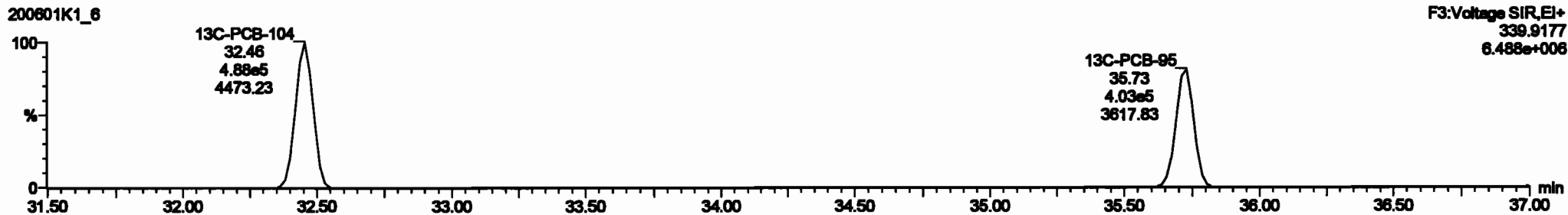


13C-PCB-95

200601K1_6



200601K1_6



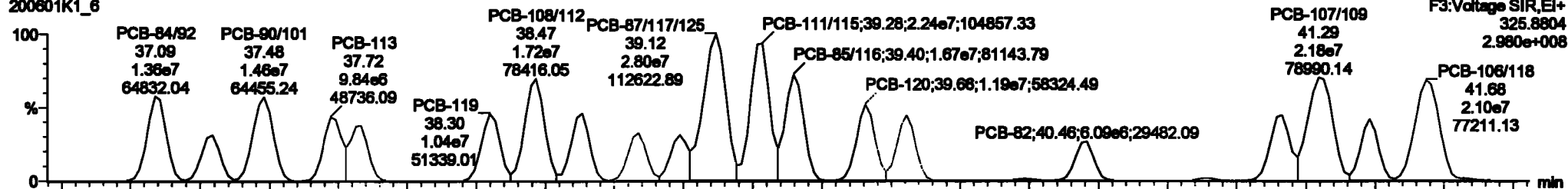
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

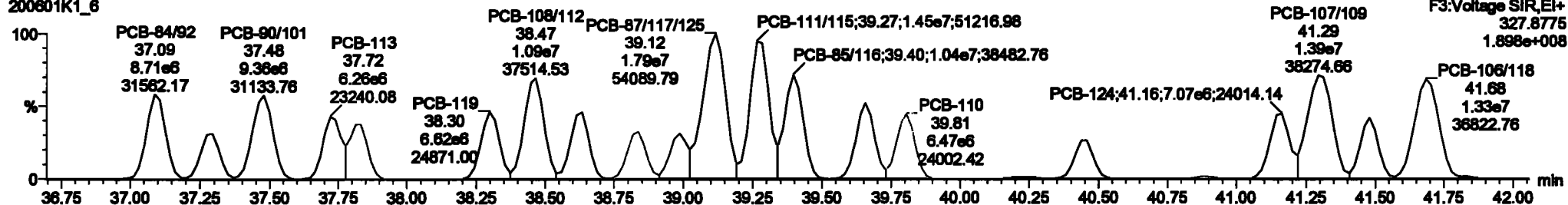
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PCB-119

200601K1_6

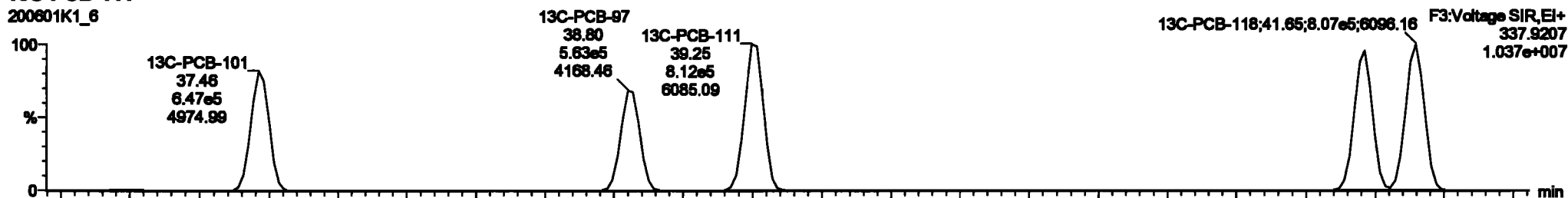


200601K1_6

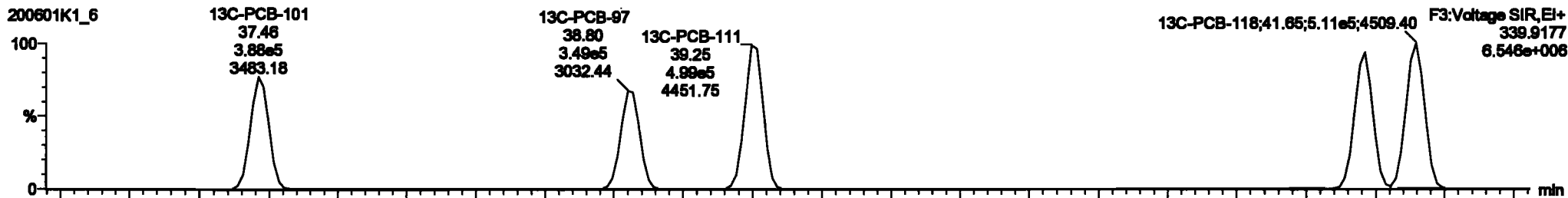


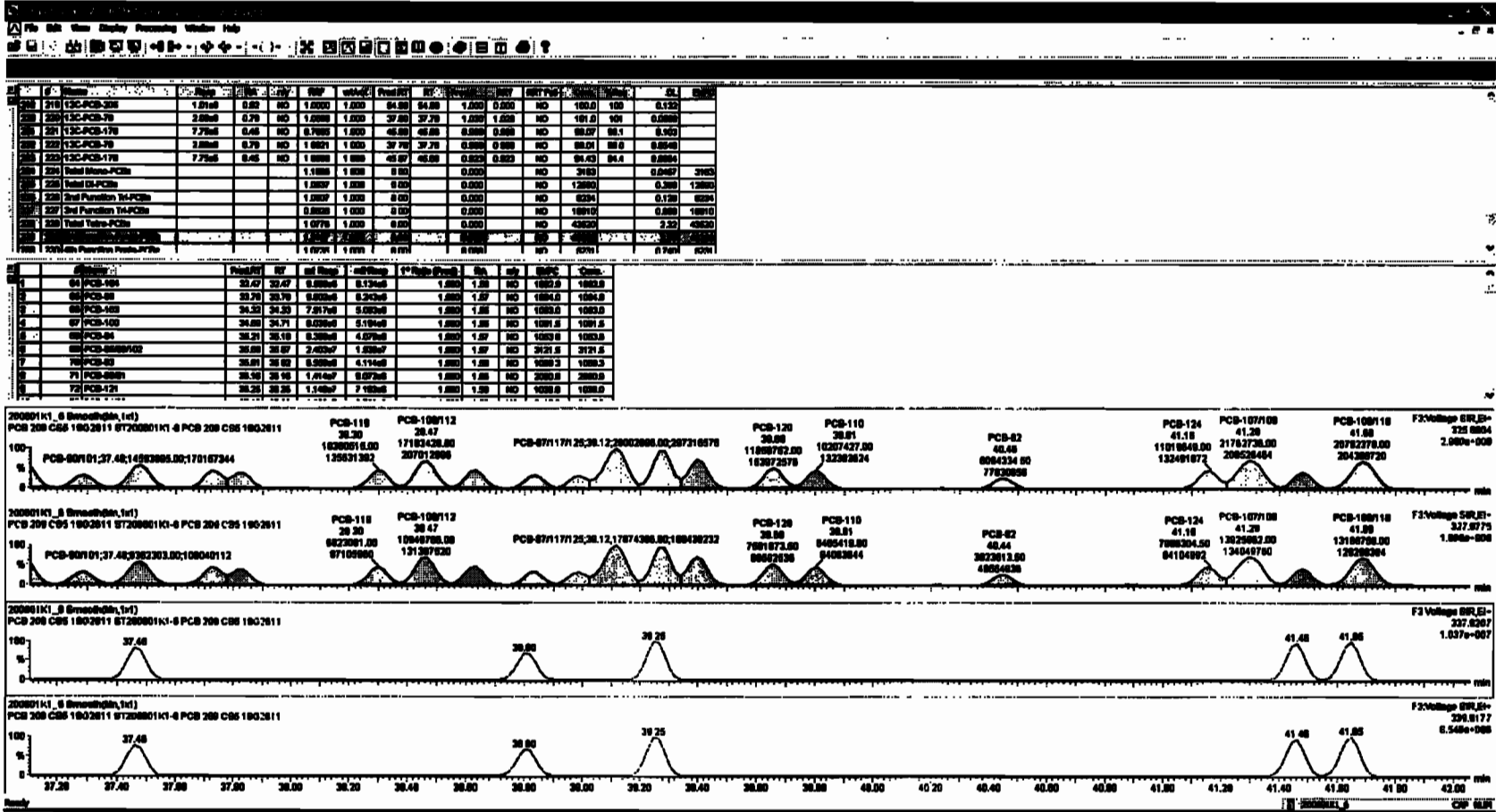
13C-PCB-111

200601K1_6



200601K1_6



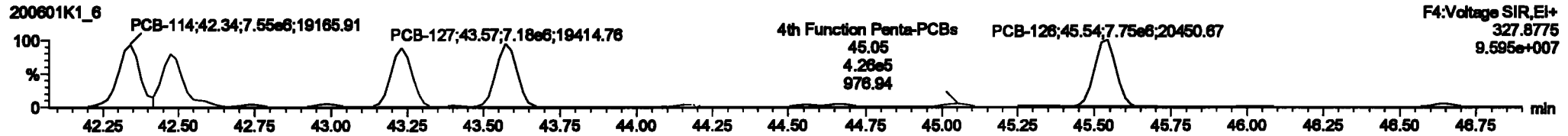
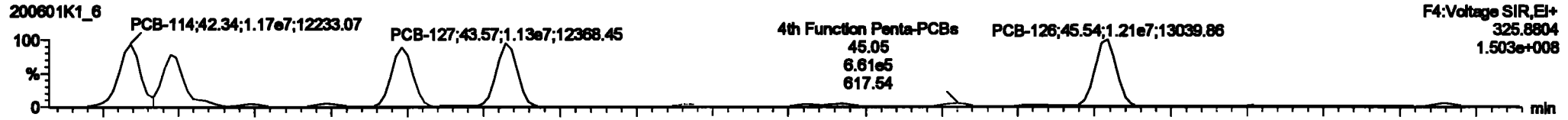


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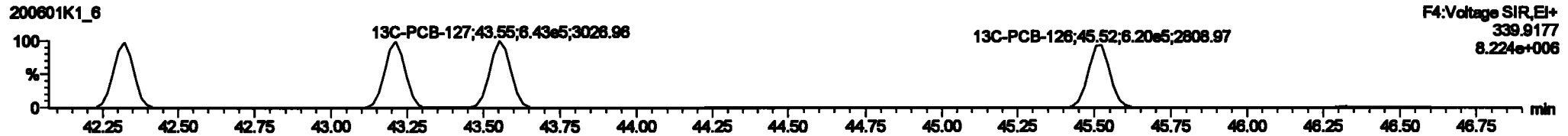
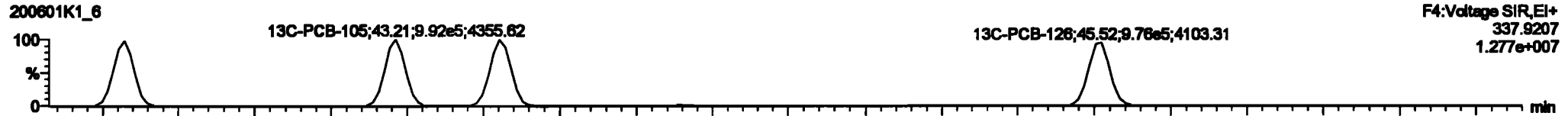
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

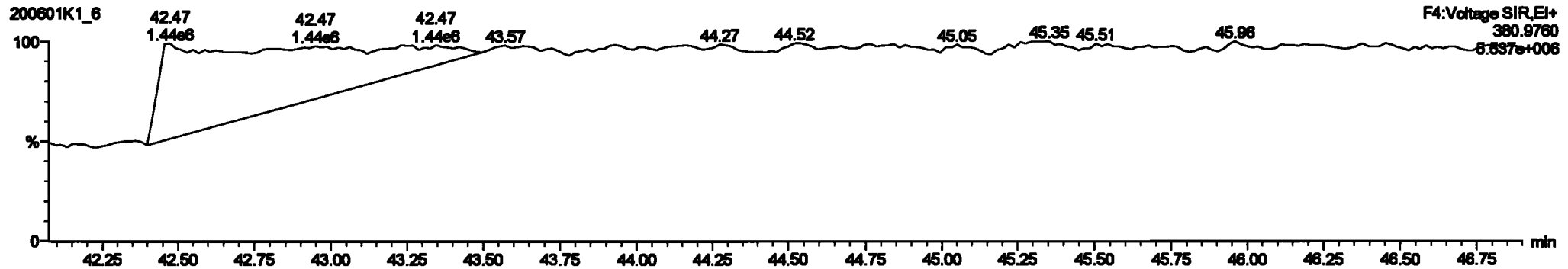
PCB-114

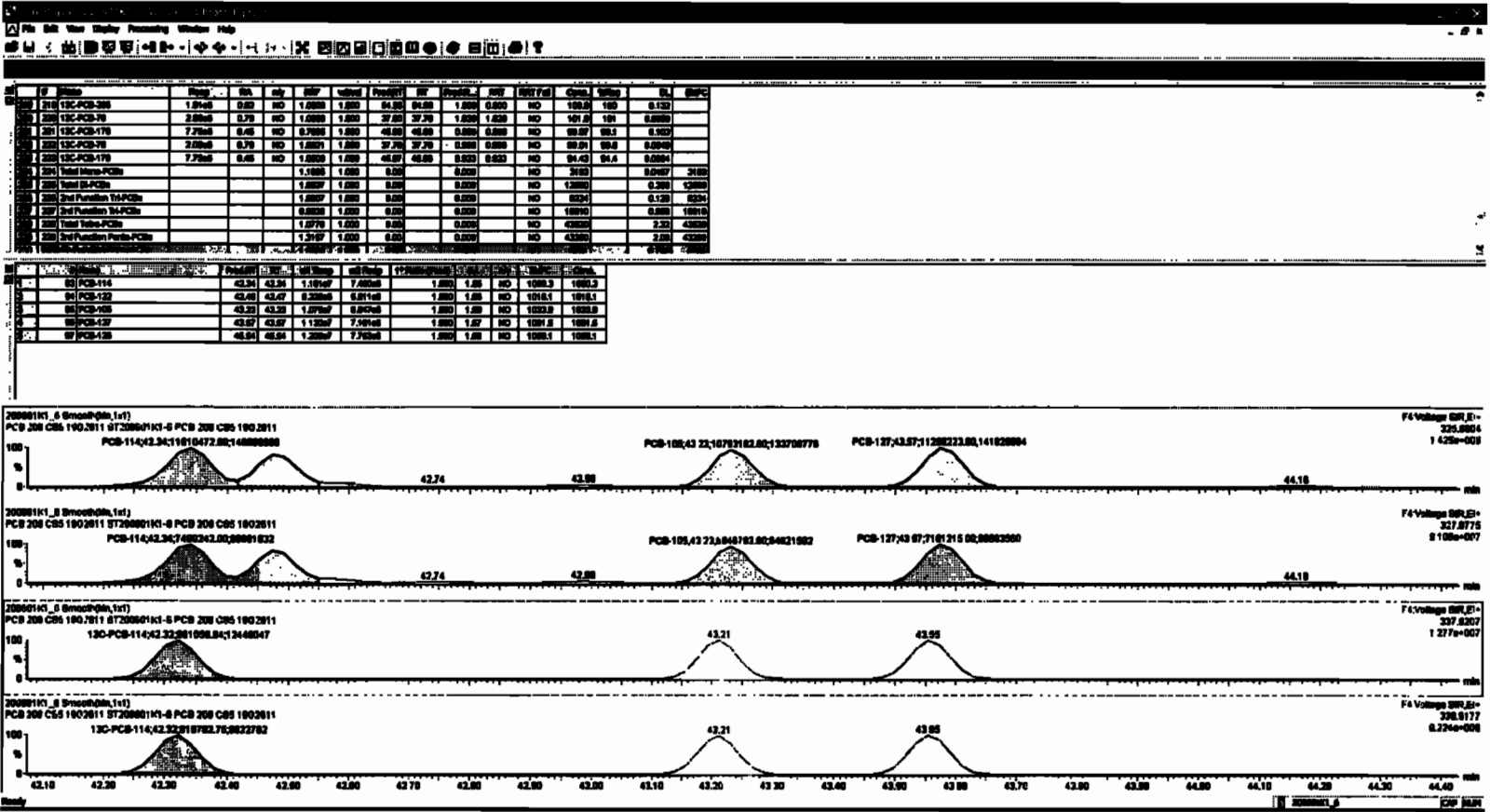


13C-PCB-114



PFK4a





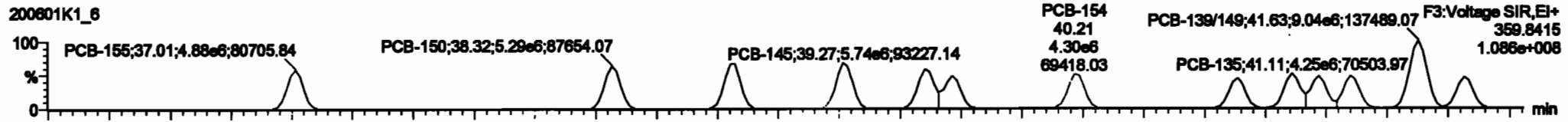
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

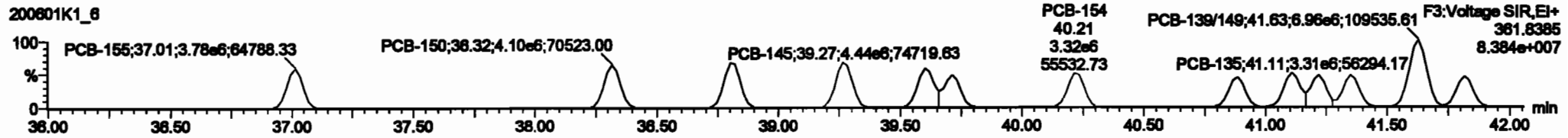
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PCB-155

200601K1_6

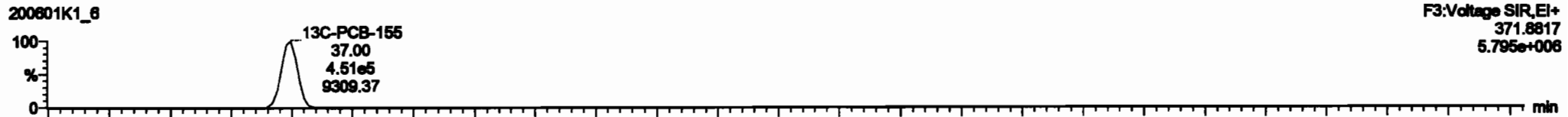


200601K1_6

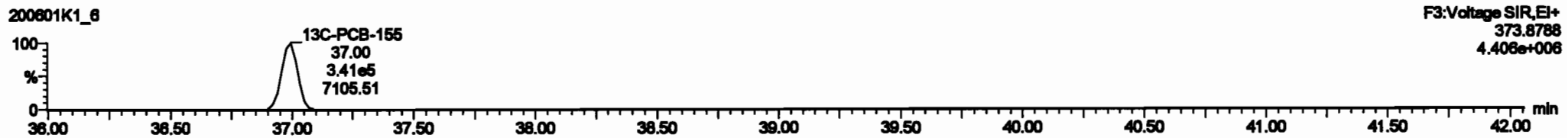


13C-PCB-155

200601K1_6

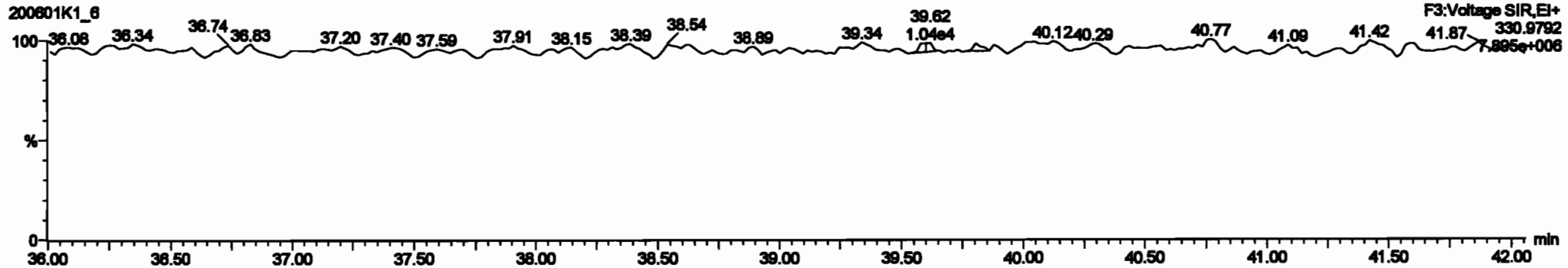


200601K1_6



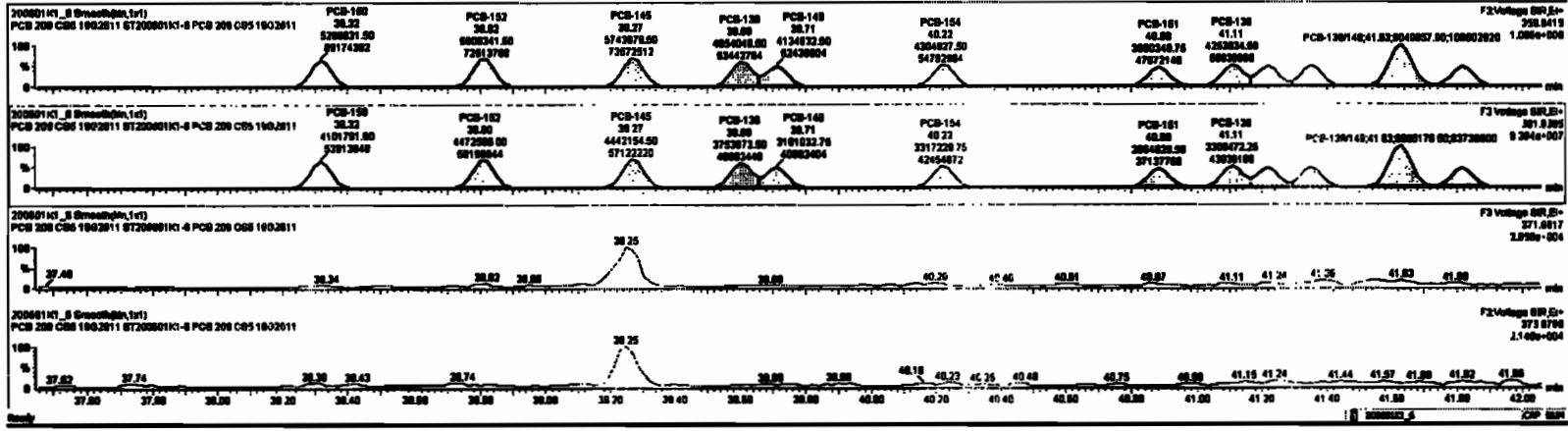
PFK3c

200601K1_6



#	Name	Step	Time	Qty	WIP	WIP Cost	WIP Quantity	WIP Value	WIP %	Unit Price	Cost	Value	WIP Cost
1	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
2	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
3	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
4	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
5	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
6	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
7	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
8	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
9	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
10	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
11	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
12	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
13	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
14	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
15	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
16	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
17	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
18	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
19	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
20	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
21	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
22	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
23	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
24	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
25	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
26	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
27	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
28	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
29	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
30	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
31	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
32	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
33	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
34	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
35	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
36	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
37	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
38	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
39	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
40	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
41	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
42	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
43	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
44	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
45	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
46	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
47	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
48	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
49	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776
50	2200 7th Function Home-PCBs				1.0000	1.0000	0.00	0.0000	0.00	ND	20776	0.00	20776

Step	Material	Qty	Cost	WIP Cost	WIP Quantity	WIP Value	WIP %	Unit Price	Cost	Value	WIP Cost
1	PCB-100	37.00	37.00	4.8700	3.7700	1.240	1.28	ND	3046.8	1046.8	1046.8
2	PCB-102	38.00	38.00	5.3800	4.0200	1.240	1.28	ND	1004.7	1004.7	1004.7
3	PCB-104	38.00	38.00	4.8700	3.7700	1.240	1.28	ND	1004.3	1004.3	1004.3
4	PCB-140	38.00	38.00	5.7400	4.4200	1.240	1.28	ND	1004.3	1004.3	1004.3
5	PCB-120	38.00	38.00	4.8700	3.7700	1.240	1.28	ND	1004.8	1004.8	1004.8
6	PCB-140	38.00	38.00	4.1200	3.1900	1.240	1.28	ND	1004.7	1004.7	1004.7
7	PCB-104	40.00	40.00	4.3000	3.2300	1.240	1.28	ND	1007.8	1007.8	1007.8
8	PCB-101	40.00	40.00	3.9000	2.9200	1.240	1.28	ND	1000.6	1000.6	1000.6
9	PCB-120	41.00	41.00	4.2600	3.2800	1.240	1.28	ND	1000.3	1000.3	1000.3
10	PCB-101	41.00	41.00	3.7200	2.7900	1.240	1.28	ND	1004.7	1004.7	1004.7

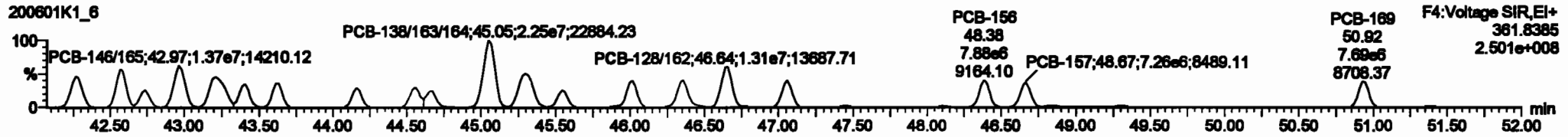
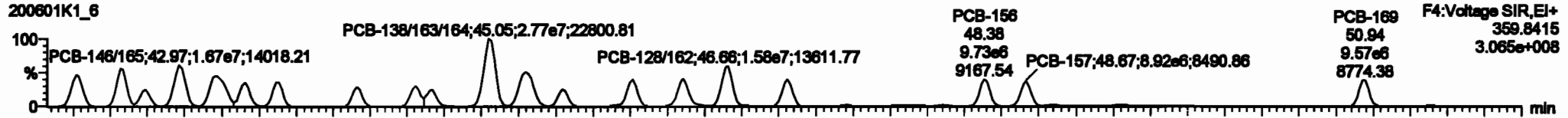


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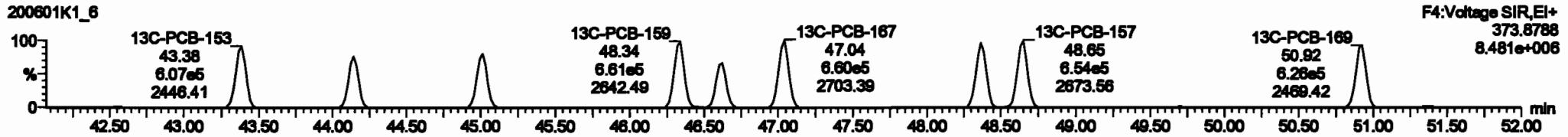
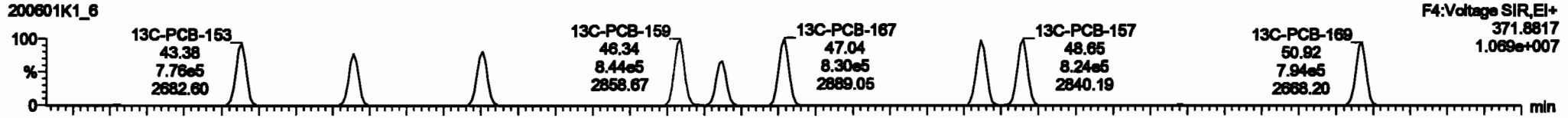
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

Name: 200601K1_6, Date: 01-Jun-2020, Time: 17:21:13, ID: ST200601K1-6 PCB 209 CS5 19G2611, Description: PCB 209 CS5 19G2611

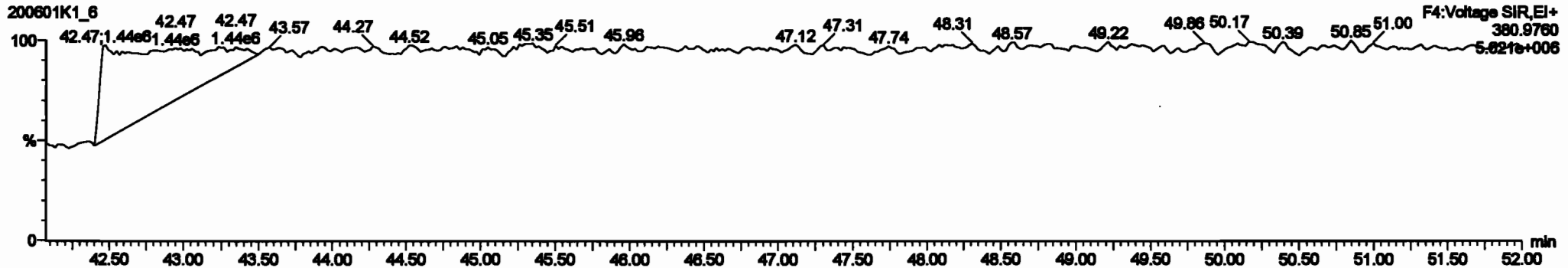
PCB-134/143



13C-PCB-153

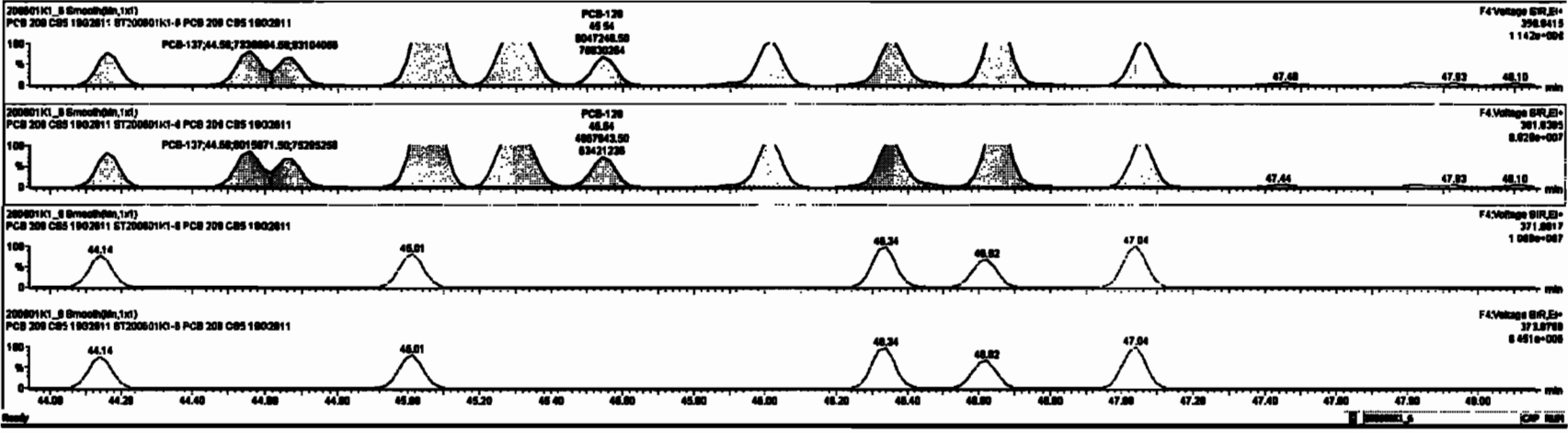


PFK4b



#	Part	QTY	RA	QTY	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
231	2nd Function Home-PCBs		0.0000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
232	Total Home-PCBs		0.0000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
233	Total Home-PCBs		1.0000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
234	4th Function Outer-PCBs		1.0000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
235	4th Function Outer-PCBs		1.4000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
236	Total Home-PCBs		0.0000	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
237	Home-OS		0.0004	1.000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
238	Total PCBs																	
239	Total Home-Substages																	
240	Total OS-Substages																	
241	2nd Function Test-Substages																	
242	2nd Function Test-Substages																	

#	Part	QTY	RA	QTY	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
111	PCB-130R-03		43.20	43.20	1.277e7	1.020e7	1.240	1.20	NO	2195.8	2195.8							
112	PCB-131R-03		43.00	43.00	1.274e7	1.110e7	1.240	1.20	NO	2194.8	2194.8							
113	PCB-142		43.74	43.74	8.881e6	4.930e6	1.240	1.21	NO	1047.9	1047.9							
114	PCB-140R-05		43.00	43.00	1.280e7	1.271e7	1.240	1.20	NO	2191.1	2191.1							
115	PCB-130R-01		43.20	43.20	1.277e7	1.240e7	1.240	1.24	NO	2195.4	2195.4							
116	PCB-140		43.40	43.40	8.881e6	7.897e6	1.240	1.24	NO	1050.4	1050.4							
117	PCB-140		43.00	43.00	8.877e6	7.213e6	1.240	1.20	NO	1050.7	1050.7							
118	PCB-141		44.10	44.10	8.780e6	6.401e6	1.240	1.24	NO	1052.7	1052.7							
119	PCB-137		44.00	44.00	7.330e6	8.010e6	1.240	1.20	NO	1050.5	1050.5							



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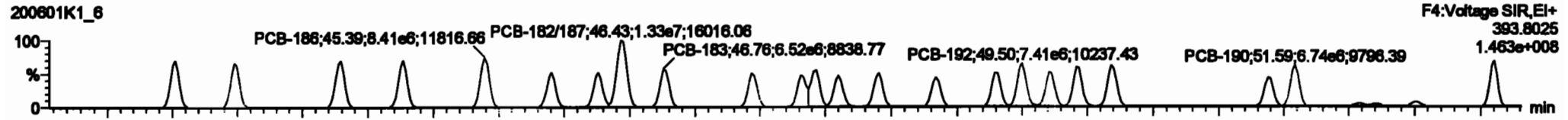
Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time

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

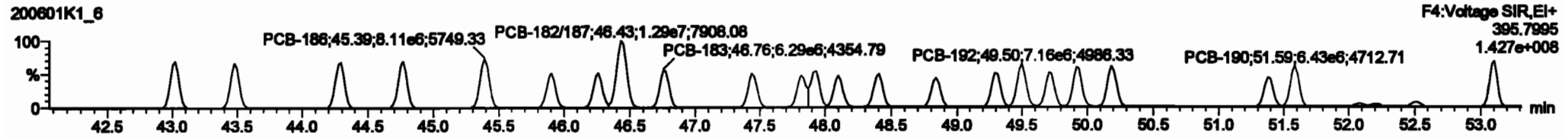
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PCB-188

200601K1_6

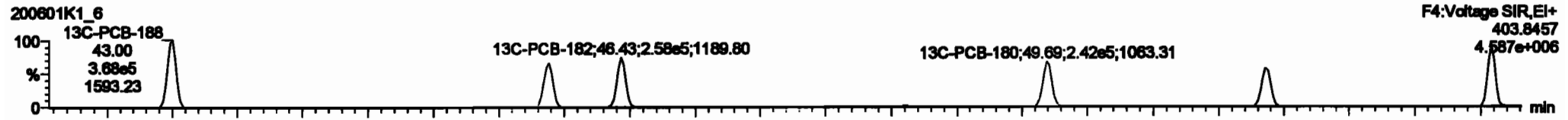


200601K1_6

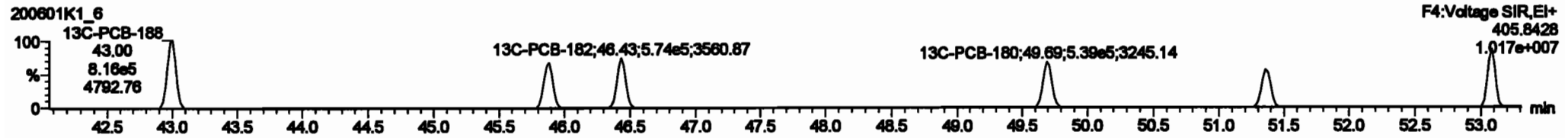


13C-PCB-188

200601K1_6

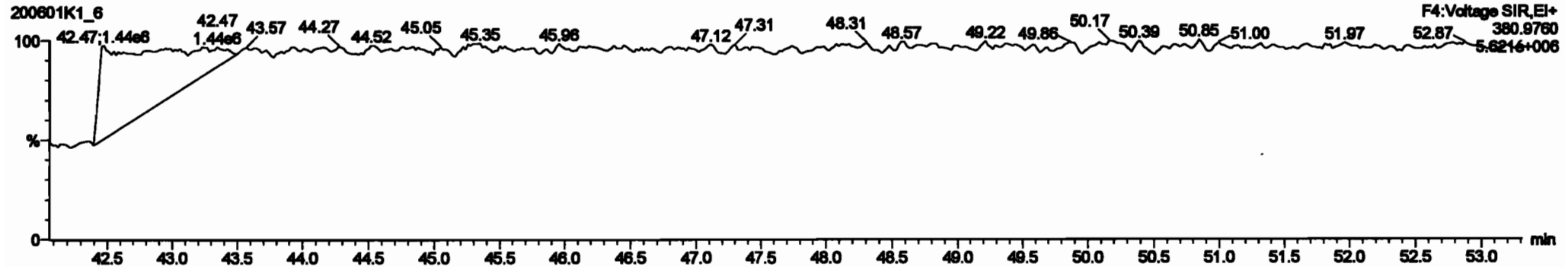


200601K1_6



PFK4c

200601K1_6



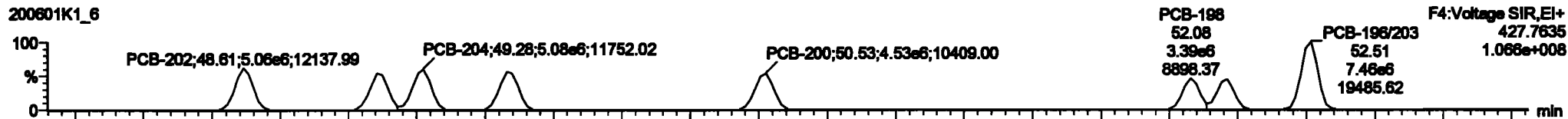
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

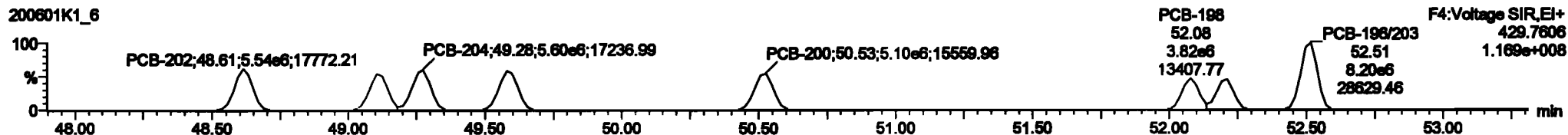
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PCB-202

200601K1_6

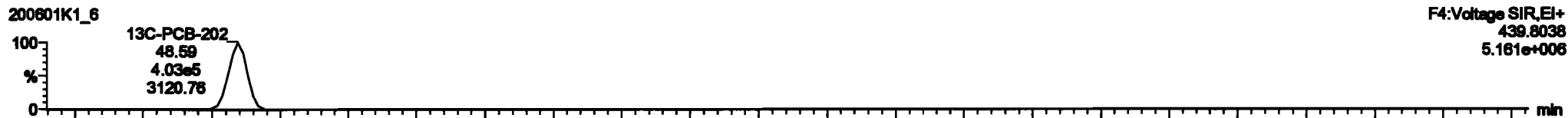


200601K1_6

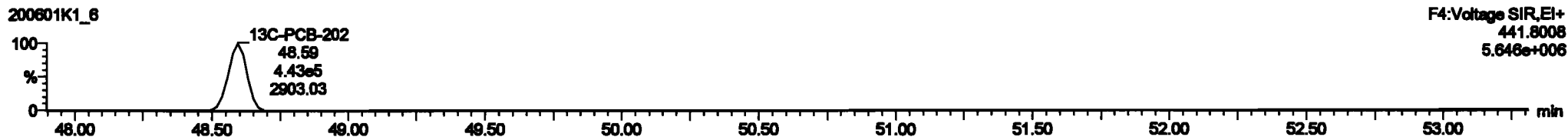


13C-PCB-202

200601K1_6

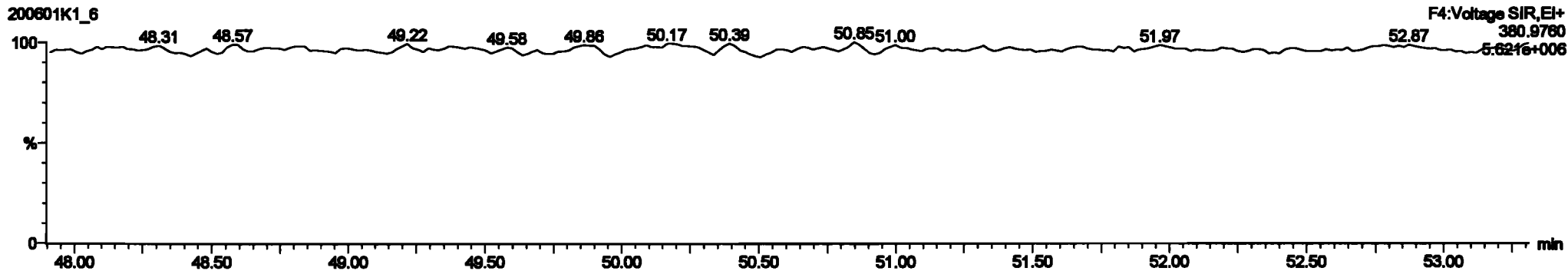


200601K1_6



PFK4d

200601K1_6



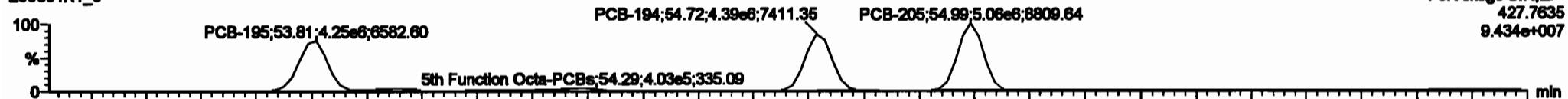
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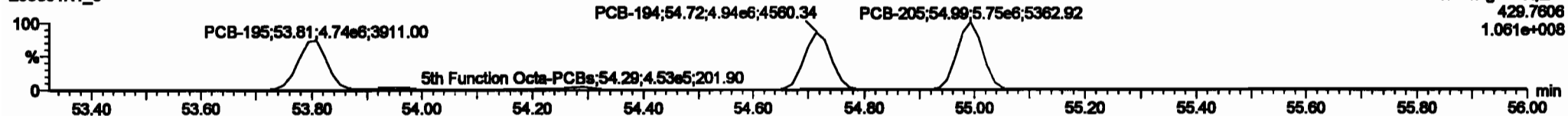
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PCB-195

200601K1_6

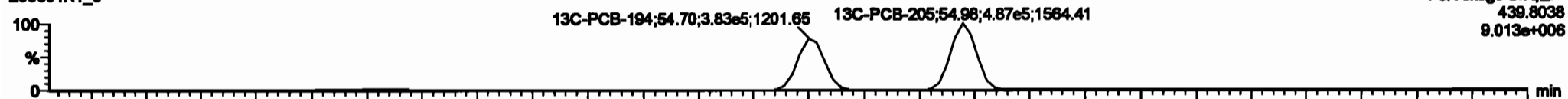


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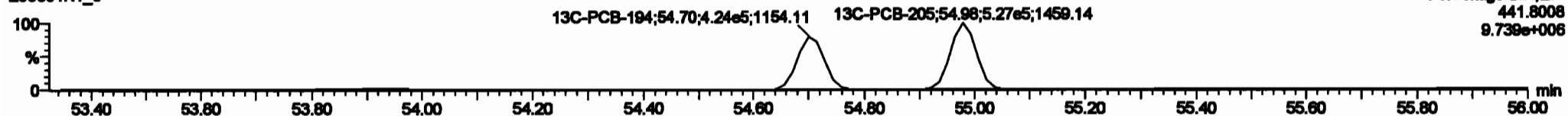


13C-PCB-194

200601K1_6

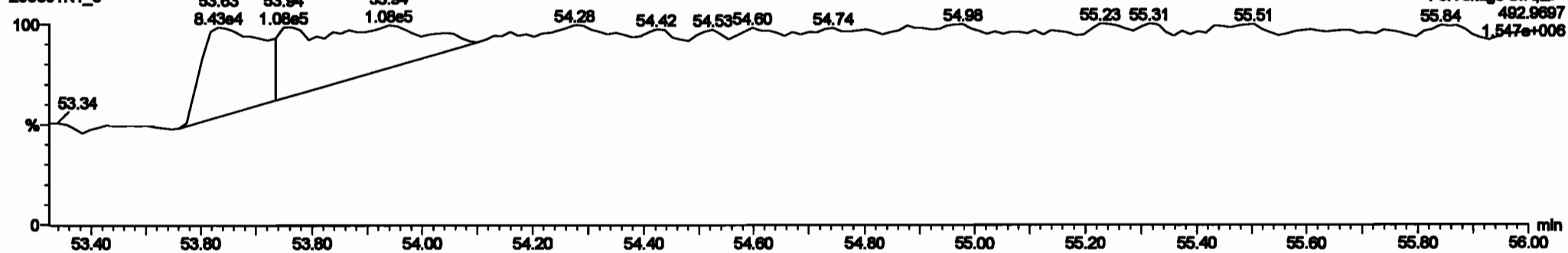


200601K1_6



PFK5a

200601K1_6

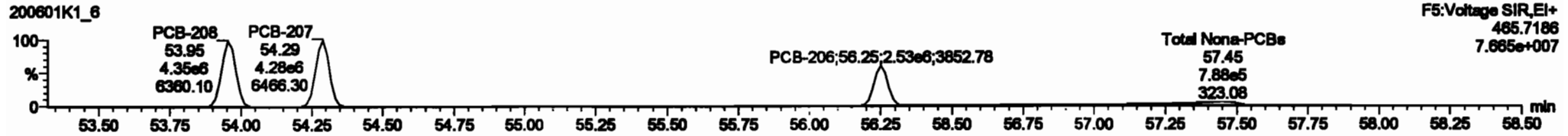
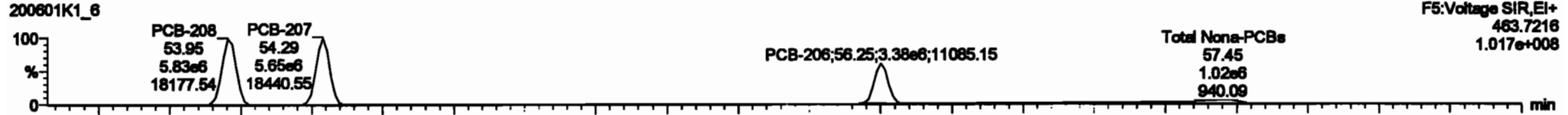


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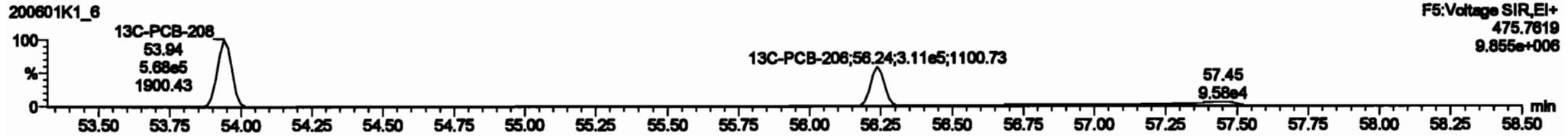
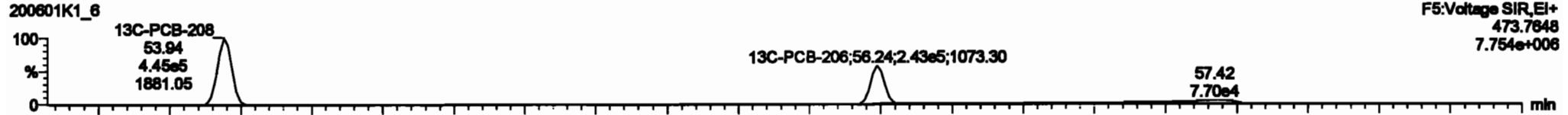
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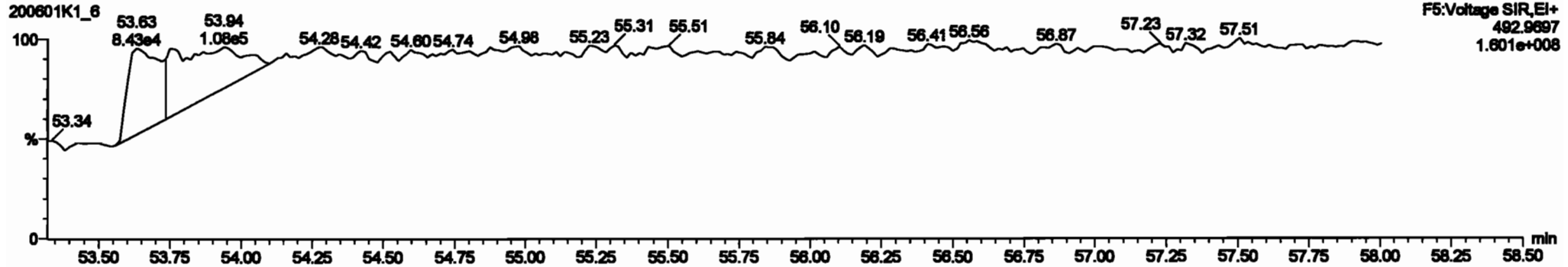
PCB-208



13C-PCB-208



PFK5



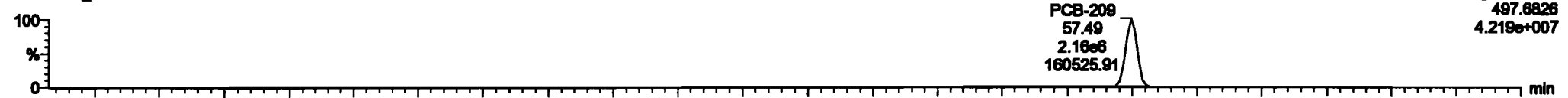
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

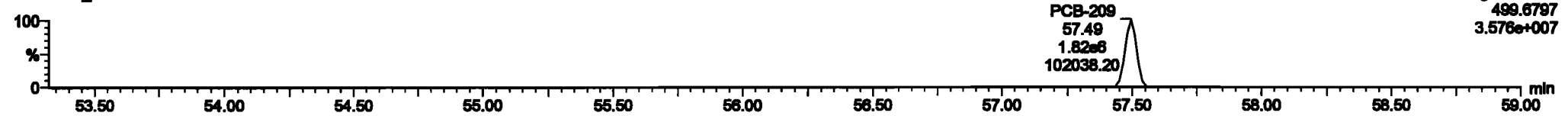
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PCB-209

200601K1_6

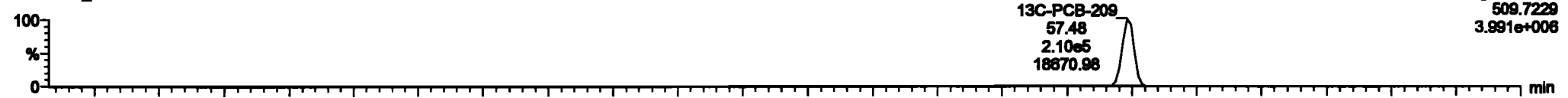


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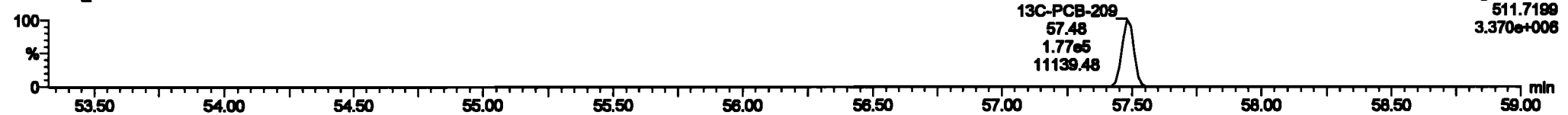


13C-PCB-209

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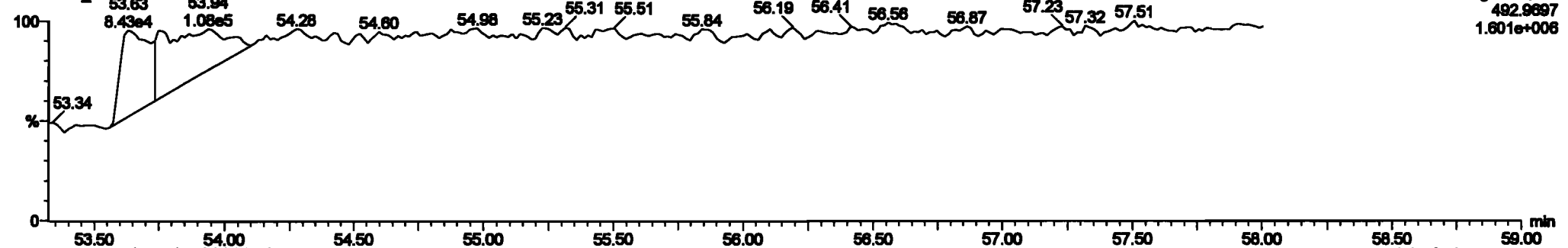


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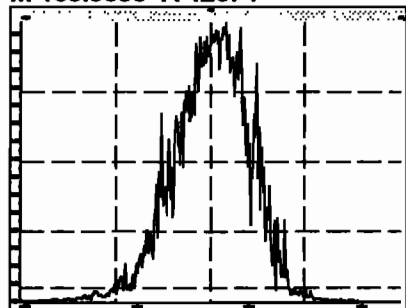


PFK5b

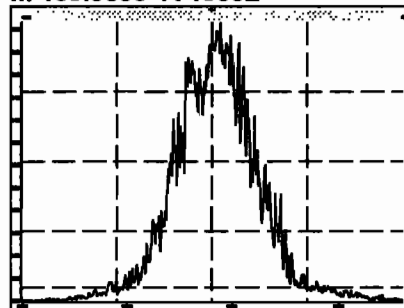
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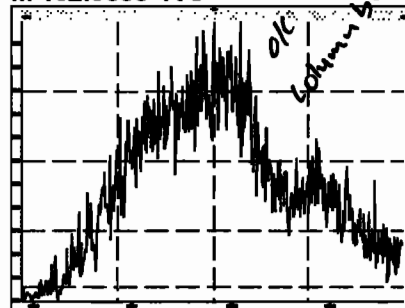
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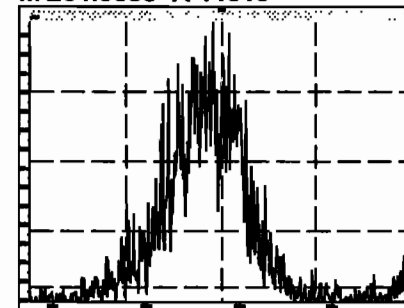
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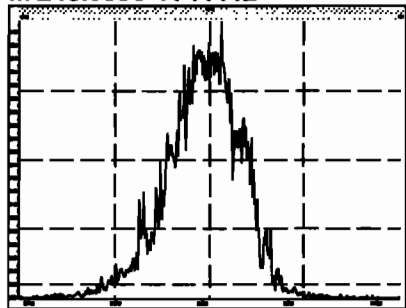
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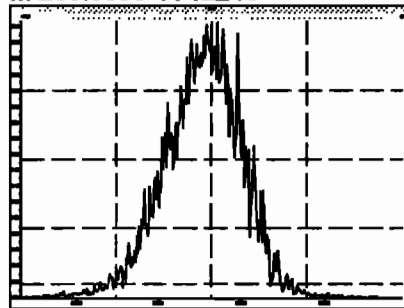
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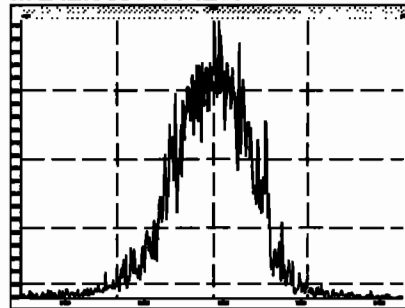
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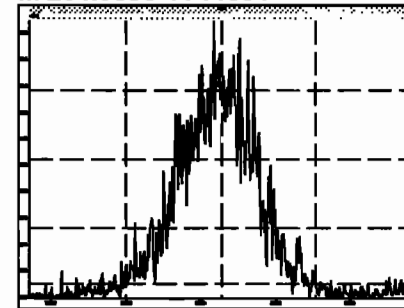
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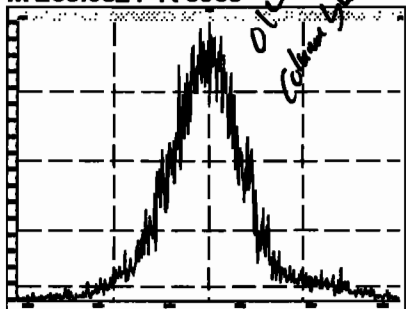
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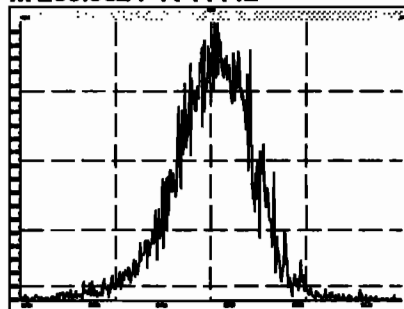
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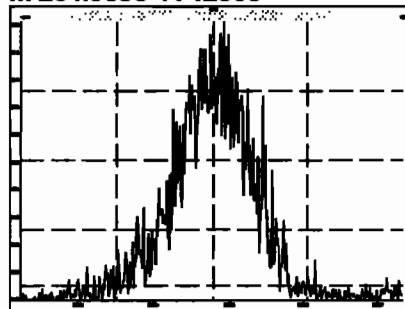
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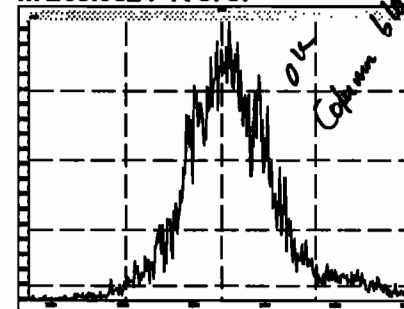
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M 254.9856 R 12563

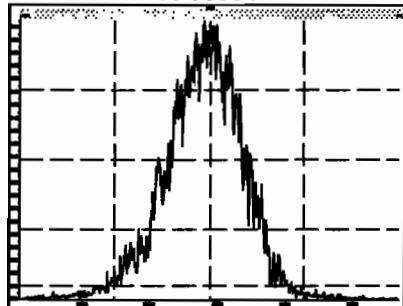


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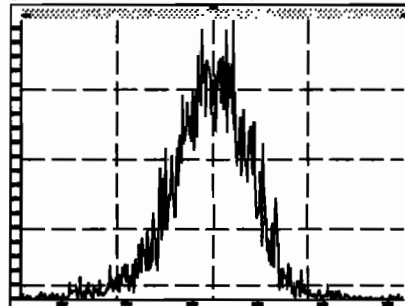


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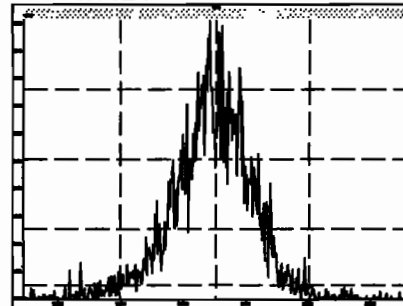
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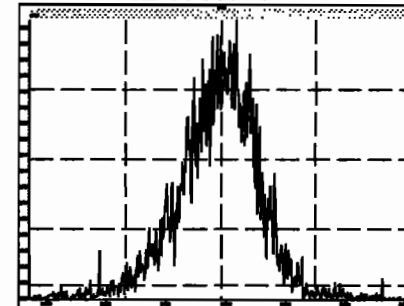
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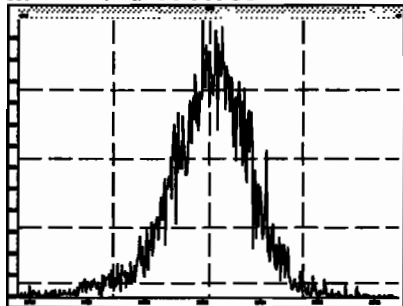
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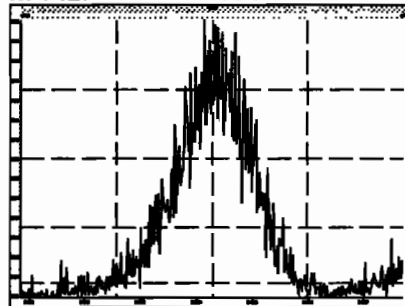
M 318.9792 R 11884



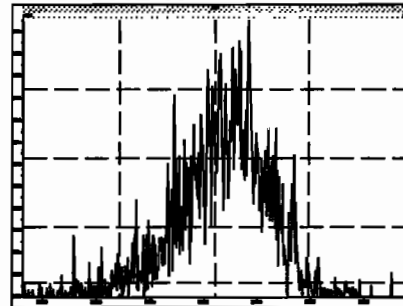
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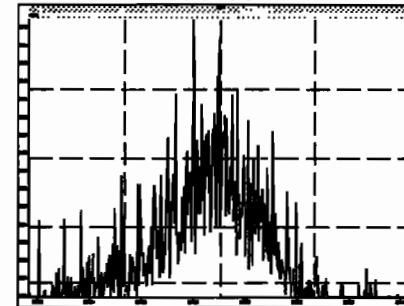
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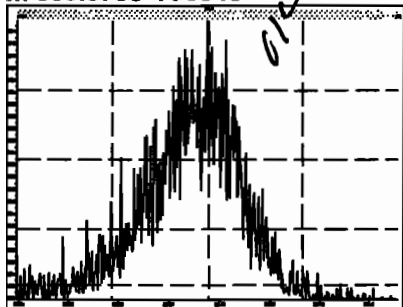
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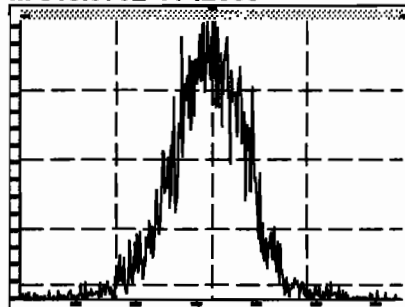
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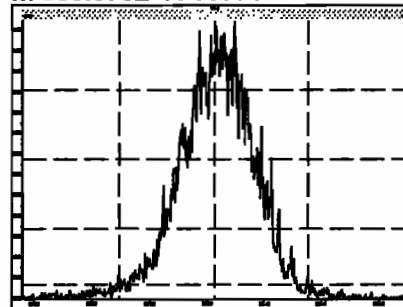
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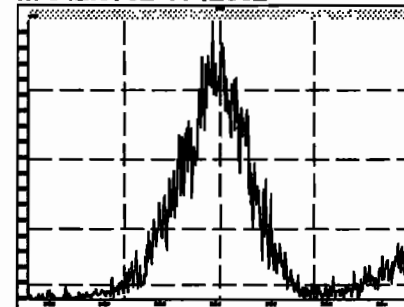
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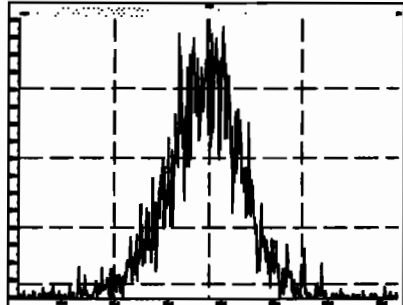
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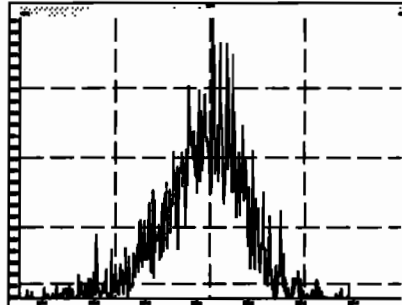
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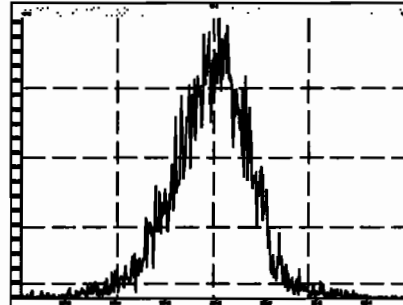
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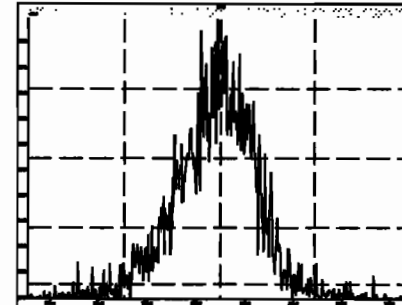
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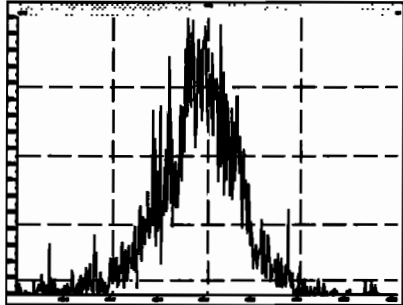
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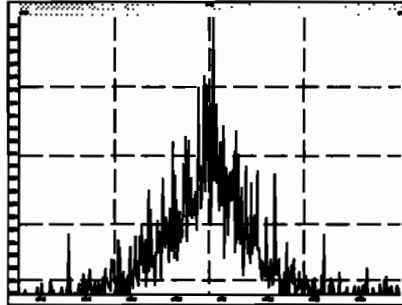
M 392.9760 R 12563



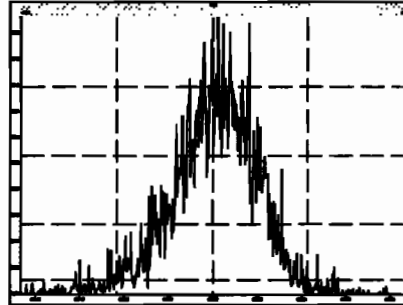
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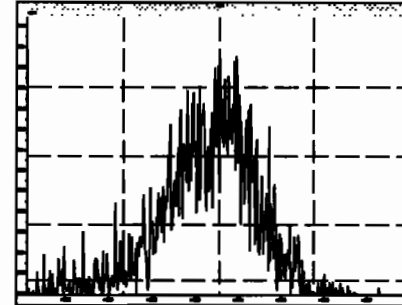
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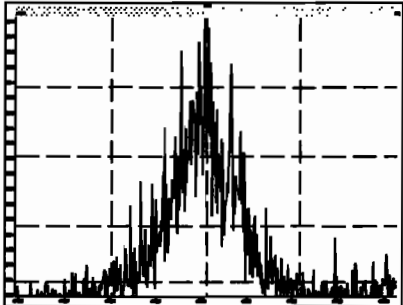
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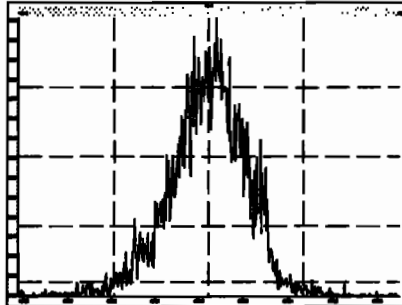
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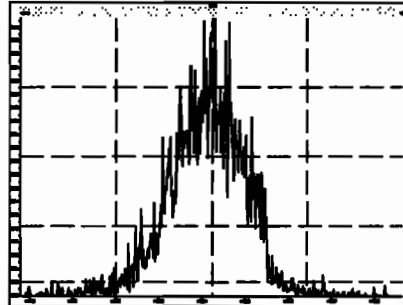
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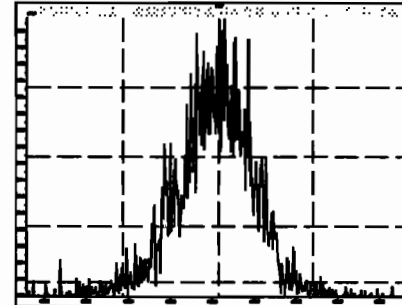
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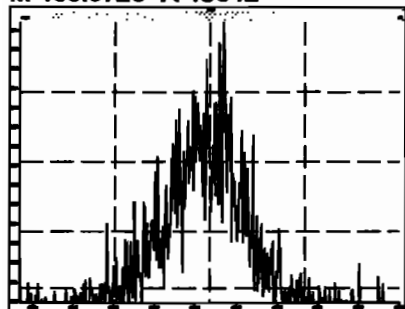


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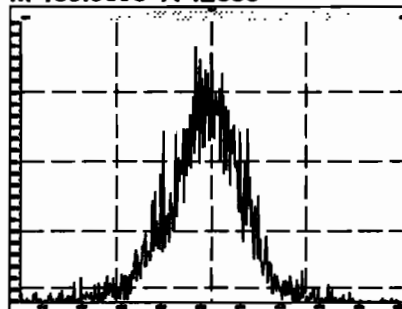


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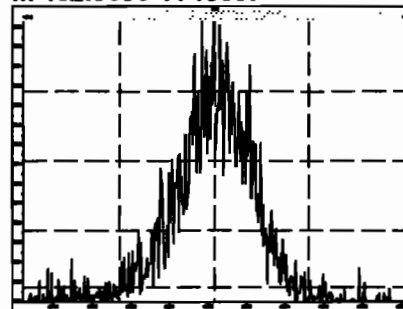
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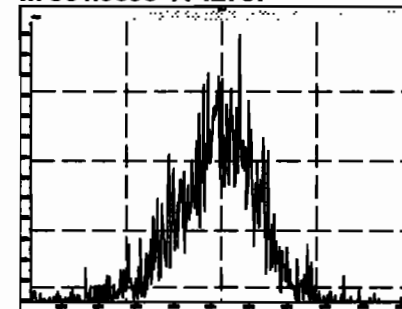
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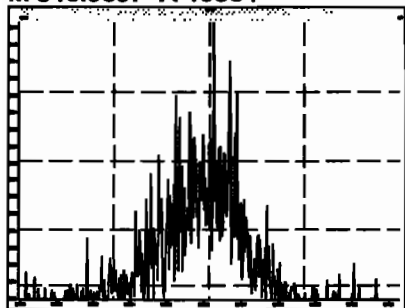
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M 504.9696 R 12787



M 516.9697 R 19564



Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

h 5.2.2020

06/02/2020

Method: Untitled 02 Jun 2020 10:36:07

Calibration: U:\VG11.PRO\CurveDB\vb1_PCBvg11-6-1-20.cdb 02 Jun 2020 10:21:16

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

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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	31.78	0.970	0.970	NO	43.25	75-65	0.0224	43.25
30	30 PCB-35	6.58e5	1.03	NO	1.04	1.000	32.34	32.32	0.987	0.986	NO	44.23		0.0226	44.23
31	31 PCB-37	6.92e5	1.05	NO	1.01	1.000	32.79	32.79	1.001	1.001	NO	47.59		0.0233	47.59
32	32 PCB-54	6.31e5	0.78	NO	1.08	1.000	27.64	27.64	1.001	1.001	NO	47.67		0.0216	47.67

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	FA	n/y	RP	w/nd	Prod RT	RT	Prod R	RRT	Check RRT	Comp	WBar	DI	EMPC
33	33 PCB-50			NO	0.880	1.000	28.83		1.044		YES		35-65	0.0265	
34	34 PCB-53			NO	0.997	1.000	29.50		0.944		YES			0.0295	
35	35 PCB-51			NO	1.07	1.000	29.85		0.955		YES			0.0276	
36	36 PCB-45			NO	0.858	1.000	30.30		0.989		YES			0.0342	
37	37 PCB-46			NO	0.831	1.000	30.80		0.985		YES			0.0354	
38	38 PCB-52/69	6.95e5	0.76	NO	1.17	1.000	31.30	31.28	1.001	1.001	NO	46.22		0.0252	46.22
39	39 PCB-73			NO	1.44	1.000	31.41		1.005		YES			0.0204	
40	40 PCB-43/49	6.32e5	0.79	NO	1.02	1.000	31.59	31.60	1.010	1.011	NO	48.32		0.0289	48.32
41	41 PCB-47			NO	0.922	1.000	31.80		1.001		YES			0.0299	
42	42 PCB-48/75			NO	1.12	1.000	31.92		1.004		YES			0.0246	
43	43 PCB-65			NO	1.28	1.000	32.19		1.013		YES			0.0215	
44	44 PCB-62			NO	1.13	1.000	32.29		1.016		YES			0.0244	
45	45 PCB-44	5.42e5	0.76	NO	0.824	1.000	32.62	32.62	1.026	1.028	NO	47.17		0.0334	47.17
46	46 PCB-42/59			NO	1.05	1.000	32.85		1.033		YES			0.0262	
47	47 PCB-41/64/71/72			NO	1.19	1.000	33.47		1.053		YES			0.0232	
48	48 PCB-68			NO	1.28	1.000	33.72		1.061		YES			0.0215	
49	49 PCB-40			NO	0.602	1.000	33.95		1.068		YES			0.0457	
50	50 PCB-57	8.11e5	0.77	NO	1.16	1.000	34.32	34.32	0.989	0.969	NO	43.84		0.0211	43.84
51	51 PCB-67			NO	1.08	1.000	34.63		0.978		YES			0.0226	
52	52 PCB-58			NO	1.20	1.000	34.74		0.981		YES			0.0204	
53	53 PCB-63			NO	1.07	1.000	34.91		0.986		YES			0.0229	
54	54 PCB-74	8.49e5	0.79	NO	1.19	1.000	35.22	35.21	0.994	0.994	NO	45.03		0.0207	45.03
55	55 PCB-61/70	8.69e5	0.77	NO	1.05	1.000	35.43	35.43	1.000	1.001	NO	51.83		0.0233	51.83
56	56 PCB-76/66	8.24e5	0.78	NO	1.16	1.000	35.62	35.66	1.006	1.007	NO	44.47		0.0211	44.47
57	57 PCB-80			NO	1.19	1.000	35.86		1.001		YES			0.0204	
58	58 PCB-55			NO	1.17	1.000	36.20		1.010		YES			0.0207	
59	59 PCB-56/60			NO	1.02	1.000	36.70		1.024		YES			0.0238	
60	60 PCB-79	8.18e5	0.79	NO	1.14	1.000	37.80	37.81	1.055	1.055	NO	44.49		0.0213	44.49
61	61 PCB-78	7.39e5	0.78	NO	1.14	1.000	38.52	38.52	0.987	0.987	NO	42.34		0.0232	42.34
62	62 PCB-81	8.37e5	0.77	NO	1.05	1.000	39.06	39.08	1.000	1.000	NO	52.15		0.0252	52.15
63	63 PCB-77	7.93e5	0.78	NO	1.14	1.000	39.68	39.68	1.000	1.000	NO	48.37		0.0237	46.37
64	64 PCB-104	6.77e5	1.57	NO	1.12	1.000	32.47	32.47	1.001	1.001	NO	54.51		0.0255	54.51
65	65 PCB-96			NO	1.15	1.000	33.78		1.041		YES			0.0248	
66	66 PCB-103			NO	0.936	1.000	34.32		1.058		YES			0.0305	
67	67 PCB-100			NO	0.954	1.000	34.69		1.089		YES			0.0300	
68	68 PCB-94			NO	0.949	1.000	35.21		0.985		YES			0.0390	

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Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	NY	RFP	Wt/Fac	Prod.RT	RT	Prod.LI	RRT	Check.RRT	Conc.	%Rec	DL	EMPC
69	69 PCB-95/98/102	4.83e5	1.58	NO	1.20	1.000	35.69	35.75	0.999	1.001	NO	46.51	46.5	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	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

Last Altered: Tuesday, June 02, 2020 11:36:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Comp	RA	Wt	RRP	w/Vol	Prod RT	RT	Prod FL	RRT	Check RRT	Comp	%Rec	DL	EMPC
105	1... PCB-151			NO	0.787	1.000	40.90		1.105		YES			0.0402	
106	1... PCB-135			NO	0.922	1.000	41.13		1.112		YES			0.0343	
107	1... PCB-144			NO	0.789	1.000	41.24		1.115		YES			0.0400	
108	1... PCB-147			NO	0.834	1.000	41.37		1.118		YES			0.0379	
109	1... PCB-139/149	2.83e5	1.29	NO	0.948	1.000	41.64	41.61	1.125	1.125	NO	43.47		0.0333	43.47
110	1... PCB-140			NO	0.794	1.000	41.64		1.131		YES			0.0398	
111	1... PCB-134/143			NO	0.759	1.000	42.29		0.975		YES			0.0574	
112	1... PCB-131/133			NO	0.821	1.000	42.59		0.982		YES			0.0531	
113	1... PCB-142			NO	0.754	1.000	42.74		0.985		YES			0.0578	
114	1... PCB-146/165			NO	1.02	1.000	42.98		0.991		YES			0.0429	
115	1... PCB-132/161			NO	1.02	1.000	43.22		0.998		YES			0.0425	
116	1... PCB-153	5.68e5	1.23	NO	1.07	1.000	43.40	43.40	1.000	1.000	NO	46.28		0.0407	46.28
117	1... PCB-168			NO	1.08	1.000	43.63		1.006		YES			0.0404	
118	1... PCB-141			NO	1.03	1.000	44.16		1.000		YES			0.0508	
119	1... PCB-137			NO	1.11	1.000	44.56		1.010		YES			0.0468	
120	1... PCB-130			NO	0.885	1.000	44.66		1.012		YES			0.0587	
121	1... PCB-138/163/164	4.98e5	1.23	NO	1.28	1.000	45.05	45.03	1.001	1.000	NO	38.87	36.9	0.0393	38.87
122	1... PCB-158/160			NO	1.24	1.000	45.30		1.006		YES			0.0407	
123	1... PCB-129			NO	0.867	1.000	45.56		1.012		YES			0.0582	
124	1... PCB-166			NO	1.14	1.000	46.02		0.993		YES			0.0372	
125	1... PCB-159			NO	1.22	1.000	46.36		1.000		YES			0.0350	
126	1... PCB-128/162	6.25e5	1.23	NO	0.907	1.000	46.64	46.66	1.007	1.007	NO	57.08		0.0469	57.08
127	1... PCB-167	6.67e5	1.24	NO	1.11	1.000	47.06	47.06	1.000	1.000	NO	50.25		0.0377	50.25
128	1... PCB-156	5.92e5	1.21	NO	1.13	1.000	48.39	48.38	1.000	1.000	NO	46.00		0.0392	46.00
129	1... PCB-157	6.60e5	1.23	NO	1.04	1.000	46.69	48.67	1.001	1.000	NO	55.54		0.0434	55.54
130	1... PCB-169	5.71e5	1.25	NO	1.16	1.000	50.94	50.94	1.000	1.000	NO	45.51		0.0426	45.51
131	1... PCB-188	6.25e5	1.04	NO	1.29	1.000	43.04	43.02	1.001	1.000	NO	51.05		0.0525	51.05
132	1... PCB-184			NO	1.23	1.000	43.49		1.011		YES			0.0550	
133	1... PCB-179			NO	1.30	1.000	44.29		1.030		YES			0.0522	
134	1... PCB-176			NO	1.31	1.000	44.76		1.041		YES			0.0518	
135	1... PCB-188			NO	1.33	1.000	45.41		1.056		YES			0.0510	
136	1... PCB-178	4.35e5	1.04	NO	0.943	1.000	45.92	45.90	1.088	1.067	NO	48.56		0.0718	48.56
137	1... PCB-175			NO	0.956	1.000	46.26		1.076		YES			0.0708	
138	1... PCB-182/187	4.62e5	1.05	NO	1.07	1.000	46.44	48.43	1.080	1.080	NO	45.61		0.0635	45.61
139	1... PCB-183			NO	1.02	1.000	46.76		1.088		YES			0.0662	
140	1... PCB-185			NO	1.41	1.000	47.44		0.955		YES			0.0779	

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#	Name	Resp	FA	rv	RRF	u/Std	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	0.964	NO	50.09		0.113	50.09
163	1... PCB-194	3.10e5	0.87	NO	1.12	1.000	54.72	54.72	1.000	1.000	NO	45.83		0.106	45.83
164	1... PCB-205	3.70e5	0.90	NO	1.29	1.000	54.98	54.99	1.005	1.005	NO	47.35		0.0916	47.35
165	1... PCB-208	3.79e5	1.33	NO	0.933	1.000	53.96	53.95	1.000	1.000	NO	49.81		0.0505	49.81
166	1... PCB-207			NO	0.916	1.000	54.27		1.006		YES			0.0515	
167	1... PCB-206	2.04e5	1.31	NO	1.01	1.000	56.25	56.25	1.000	1.000	NO	47.01		0.0860	47.01
168	1... PCB-209	1.50e5	1.19	NO	0.986	1.000	57.48	57.49	1.000	1.000	NO	52.18		0.0103	52.18
169	1... 13C-PCB-1	2.21e6	3.38	NO	0.893	1.000	15.52	15.52	0.608	0.608	NO	101.9	102	0.0672	
170	1... 13C-PCB-3	2.27e6	3.33	NO	0.911	1.000	18.17	18.17	0.712	0.712	NO	102.6	103	0.0859	
171	1... 13C-PCB-4	1.48e6	1.57	NO	0.600	1.000	19.52	19.53	0.765	0.785	NO	101.3	101	0.0291	
172	1... 13C-PCB-9	2.39e6	1.58	NO	0.970	1.000	21.35	21.35	0.836	0.836	NO	101.7	102	0.0180	
173	1... 13C-PCB-11	2.32e6	1.58	NO	0.962	1.000	24.79	24.80	0.971	0.972	NO	99.61	99.6	0.0182	
174	1... 13C-PCB-19	1.24e6	1.04	NO	0.499	1.000	23.76	23.76	0.931	0.931	NO	102.7	103	0.414	
175	1... 13C-PCB-32	1.82e6	1.03	NO	0.744	1.000	26.75	26.76	1.048	1.048	NO	100.7	101	0.278	
176	1... 13C-PCB-28	2.08e6	1.02	NO	1.08	1.000	28.77	28.77	1.004	1.004	NO	99.64	99.6	0.289	

Dataset: U:\VG11.PRO\Results\200601K1\200601K1-7.qld

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Printed: Tuesday, June 02, 2020 11:37:29 Pacific Daylight Time

Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

#	Name	Resp	RA	WY	RFP	w/w	Prod RT	RT	Prod LR	RRT	Check RRT	Conc	%Rec	DI	EMPC
177	1... 13C-PCB-37	1.86e6	1.04	NO	0.989	1.000	32.75	32.77	1.143	1.143	NO	95.79	95.8	0.289	
178	1... 13C-PCB-54	1.81e6	0.80	NO	0.999	1.000	27.63	27.62	0.753	0.753	NO	101.4	101	0.0659	
179	1... 13C-PCB-52	1.29e6	0.77	NO	0.804	1.000	31.27	31.26	0.852	0.852	NO	100.5	100	0.0819	
180	1... 13C-PCB-47	1.39e6	0.78	NO	0.857	1.000	31.79	31.78	0.866	0.866	NO	102.0	102	0.0768	
181	1... 13C-PCB-70	1.59e6	0.79	NO	0.996	1.000	35.43	35.41	0.985	0.985	NO	100.3	100	0.0661	
182	1... 13C-PCB-80	1.61e6	0.78	NO	1.03	1.000	35.65	35.84	0.977	0.977	NO	98.54	98.5	0.0640	
183	1... 13C-PCB-81	1.53e6	0.78	NO	0.988	1.000	39.06	39.04	1.064	1.064	NO	97.41	97.4	0.0666	
184	1... 13C-PCB-77	1.50e6	0.79	NO	0.989	1.000	39.68	39.66	1.061	1.061	NO	97.40	97.4	0.0660	
185	1... 13C-PCB-104	1.11e6	1.63	NO	1.02	1.000	32.47	32.46	0.827	0.827	NO	100.9	101	0.0381	
186	1... 13C-PCB-95	8.62e5	1.64	NO	0.805	1.000	35.72	35.73	0.910	0.910	NO	99.28	99.3	0.0481	
187	1... 13C-PCB-101	8.44e5	1.64	NO	0.793	1.000	37.48	37.46	0.954	0.954	NO	98.77	98.8	0.0489	
188	1... 13C-PCB-97	7.45e5	1.65	NO	0.696	1.000	38.82	38.62	0.989	0.989	NO	99.17	99.2	0.0557	
189	1... 13C-PCB-123	1.01e6	1.67	NO	0.933	1.000	41.46	41.46	1.056	1.056	NO	99.89	99.9	0.0416	
190	1... 13C-PCB-118	1.03e6	1.62	NO	0.986	1.000	41.85	41.85	1.081	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	

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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	Hy	RFP	wAve	Prod RT	RT	Prod R...	RRT	Check RRT	Comp	%Rec	DL	EMPC
213	2... 13C-PCB-15	2.43e6	1.56	NO	1.00	1.000	25.53	25.53	1.000	0.000	NO	100.0	100	0.0175	
214	2... 13C-PCB-31	1.96e6	1.05	NO	1.00	1.000	28.66	28.66	1.000	0.000	NO	100.0	100	0.286	
215	2... 13C-PCB-60	1.59e6	0.78	NO	1.00	1.000	36.68	36.70	1.000	0.000	NO	100.0	100	0.0658	
216	2... 13C-PCB-111	1.08e6	1.65	NO	1.00	1.000	39.25	39.27	1.000	0.000	NO	100.0	100	0.0388	
217	2... 13C-PCB-128	8.55e5	1.27	NO	1.00	1.000	46.60	46.62	1.000	0.000	NO	100.0	100	0.120	
218	2... 13C-PCB-182	6.72e5	0.47	NO	1.00	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	2... 13C-PCB-205	7.94e5	0.90	NO	1.00	1.000	54.96	54.98	1.000	0.000	NO	100.0	100	0.149	
220	2... 13C-PCB-79	1.70e6	0.78	NO	1.07	1.000	37.60	37.78	1.030	1.029	NO	100.0	100	0.0616	
221	2... 13C-PCB-178	6.89e5	0.44	NO	0.766	1.000	45.89	45.88	0.988	0.988	NO	105.2	105	0.128	
222	2... 13C-PCB-79	1.70e6	0.78	NO	1.08	1.000	37.78	37.78	0.968	0.968	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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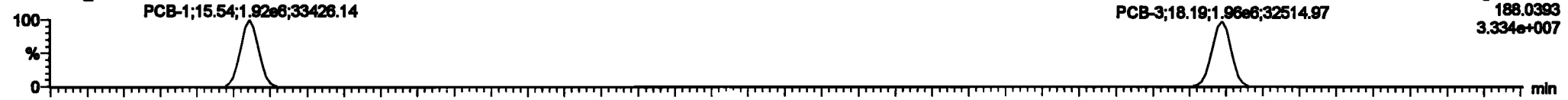
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Name: 200601K1_7, Date: 01-Jun-2020, Time: 18:21:53, ID: SS200601K1-1 PCB 209 SS 19G2612, Description: PCB 209 SS 19G2612

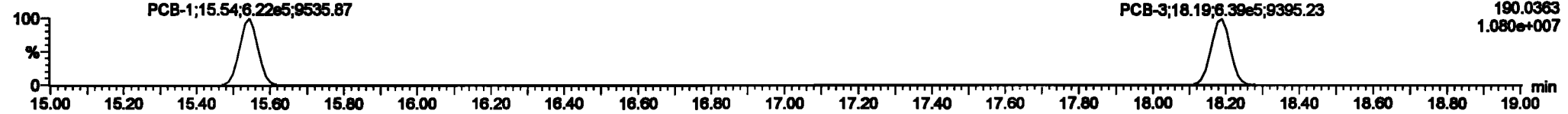
PCB-1

200601K1_7



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188.0393
3.334e+007

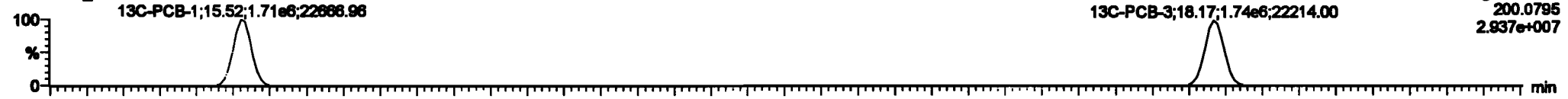
200601K1_7



F1:Voltage SIR,EI+
190.0363
1.080e+007

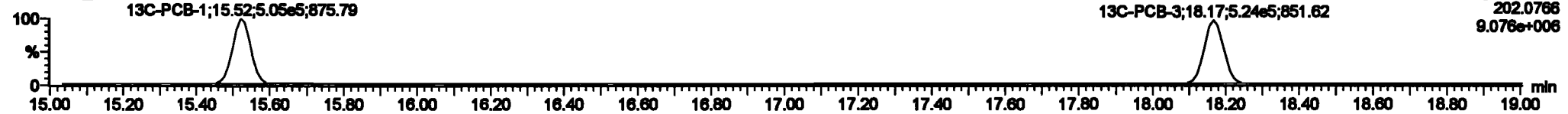
13C-PCB-1

200601K1_7



F1:Voltage SIR,EI+
200.0795
2.837e+007

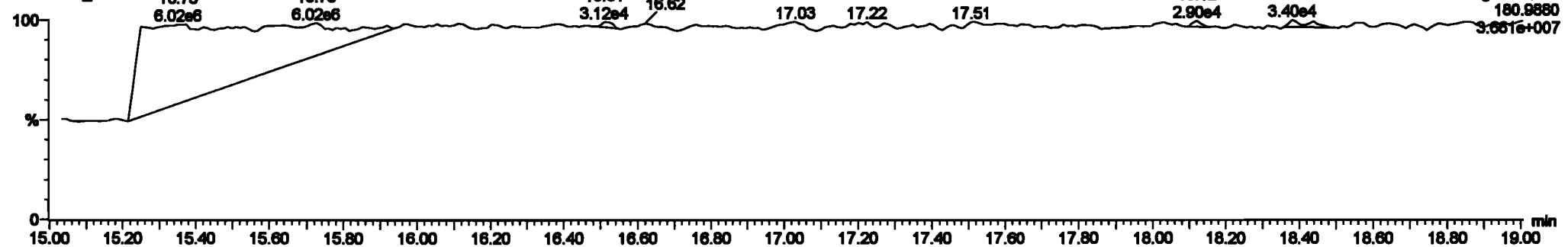
200601K1_7



F1:Voltage SIR,EI+
202.0766
9.076e+006

PFK1

200601K1_7



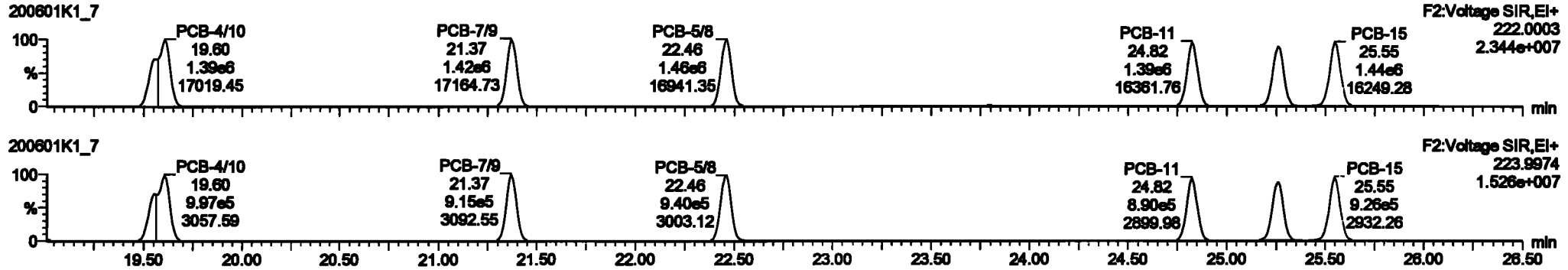
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180.9880
3.661e+007

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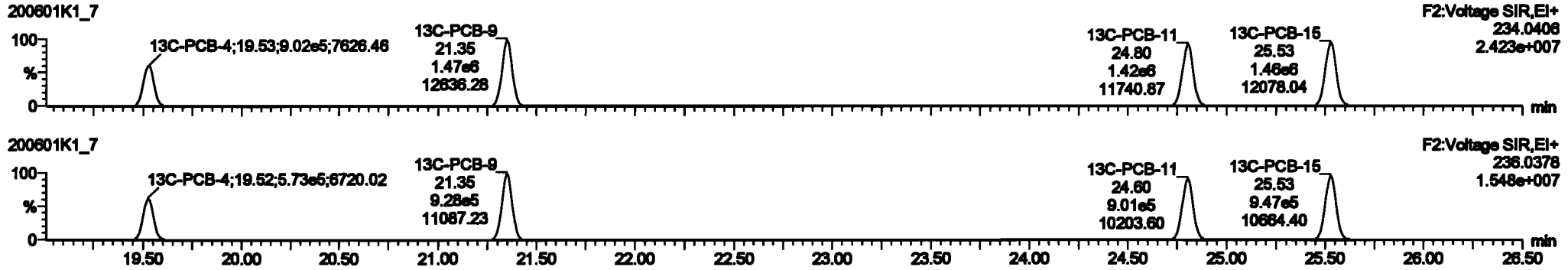
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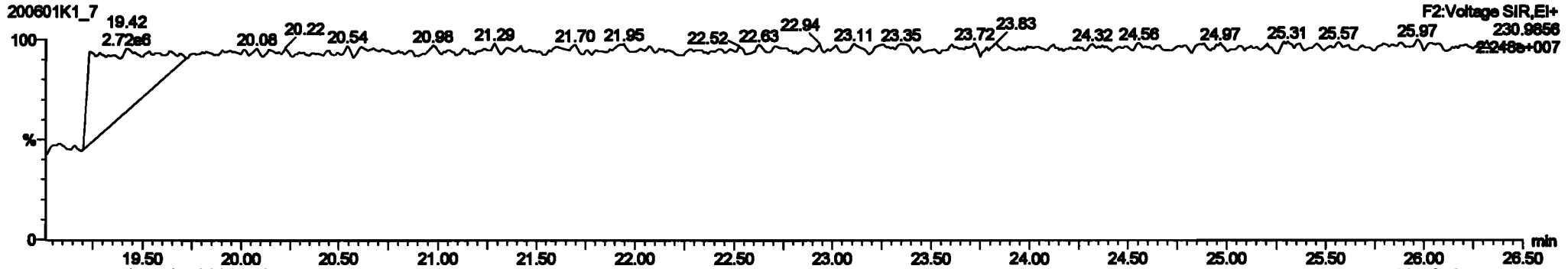
PCB-4/10



13C-PCB-4

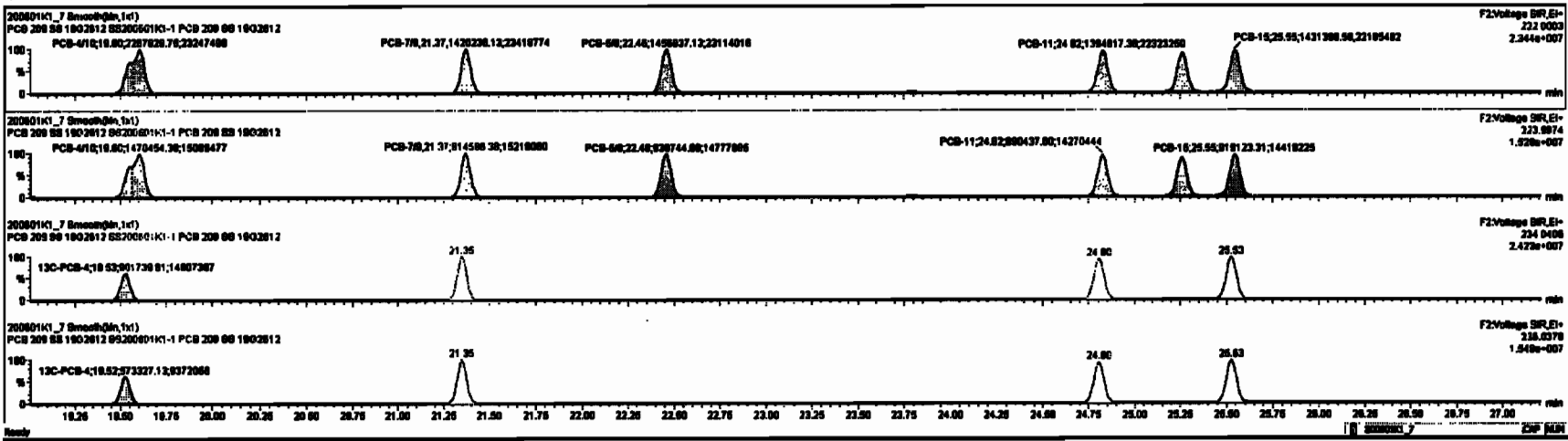


PFK2a



#	Name	Ques	RA	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
217	13C-PCB-128	0.25e6	1.27	NO	1.0000	1.000	46.80	46.82	1.000	0.000	NO	100.0	100	0.120	
218	13C-PCB-162	0.72e6	0.47	NO	1.0000	1.000	46.43	46.43	0.000	0.000	NO	100.0	100	0.122	
219	13C-PCB-285	7.9e6	0.80	NO	1.0000	1.000	84.88	84.88	1.000	0.000	NO	100.0	100	0.148	
220	13C-PCB-76	1.70e6	0.78	NO	1.0000	1.000	37.80	37.78	1.000	1.000	NO	100.0	100	0.0916	
221	13C-PCB-178	0.80e6	0.44	NO	0.7888	1.000	46.80	46.80	0.000	0.000	NO	100.2	100	0.128	
222	13C-PCB-76	1.70e6	0.78	NO	1.0001	1.000	37.78	37.78	0.000	0.000	NO	102.7	100	0.0941	
223	13C-PCB-178	0.80e6	0.44	NO	1.0000	1.000	46.82	46.80	0.000	0.000	NO	100.0	100	0.129	
224	234 Total Mono-PCBs				1.1000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
225	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
226	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
227	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
228	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
229	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
230	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
231	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
232	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
233	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
234	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
235	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
236	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
237	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
238	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
239	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
240	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
241	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
242	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
243	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
244	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
245	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
246	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
247	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
248	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
249	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	
250	234 Total Mono-PCBs				1.0000	1.000	0.00	0.00	0.000	0.000	NO	100.0		0.0331	

#	Name	Ques	RA	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
4	PCB-418	18.81	18.80	2.20e6	1.67e6	1.000	1.84	NO	203.08	203.08					
9	PCB-76	21.41	21.37	1.42e6	0.14e6	1.000	1.88	NO	101.68	101.68					
7	PCB-68	22.48	22.48	1.46e6	0.28e6	1.000	1.88	NO	100.68	100.68					
5	PCB-11	24.82	24.82	1.26e6	0.80e6	1.000	1.87	NO	87.277	87.277					
10	PCB-1273	26.38	26.38	1.24e6	0.86e6	1.000	1.88	NO	82.774	82.774					
11	PCB-16	26.57	26.58	1.02e6	0.18e6	1.000	1.88	NO	87.713	87.713					



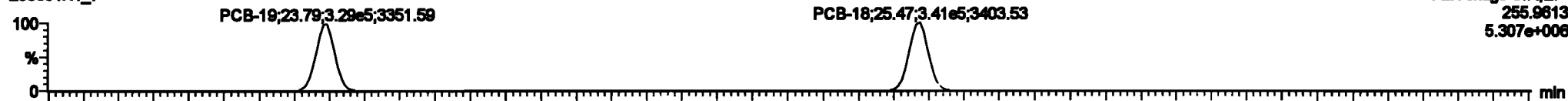
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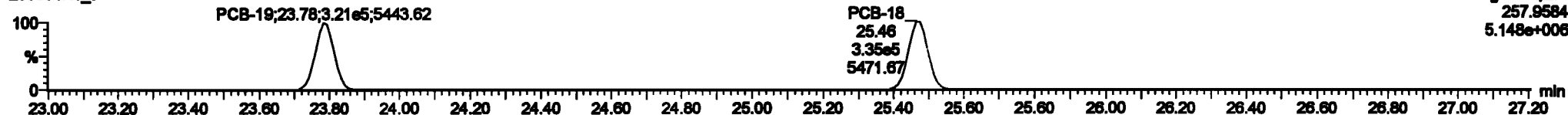
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PCB-19

200601K1_7



200601K1_7



13C-PCB-19

200601K1_7

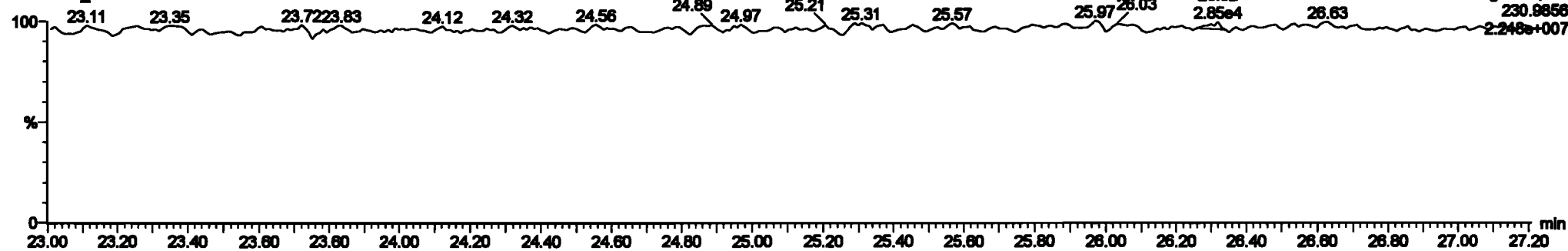


200601K1_7



PFK2b

200601K1_7



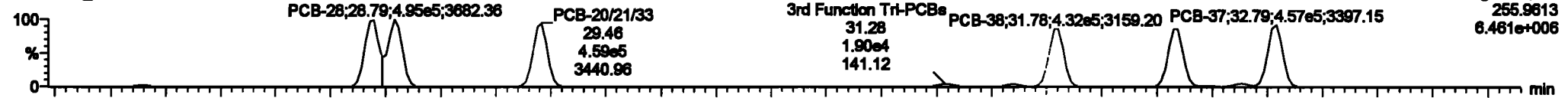
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

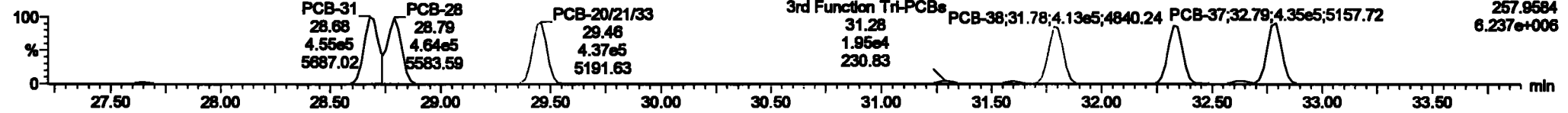
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PCB-34

200601K1_7



200601K1_7

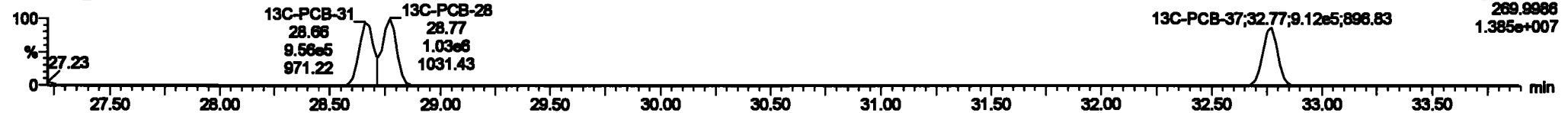


13C-PCB-28

200601K1_7

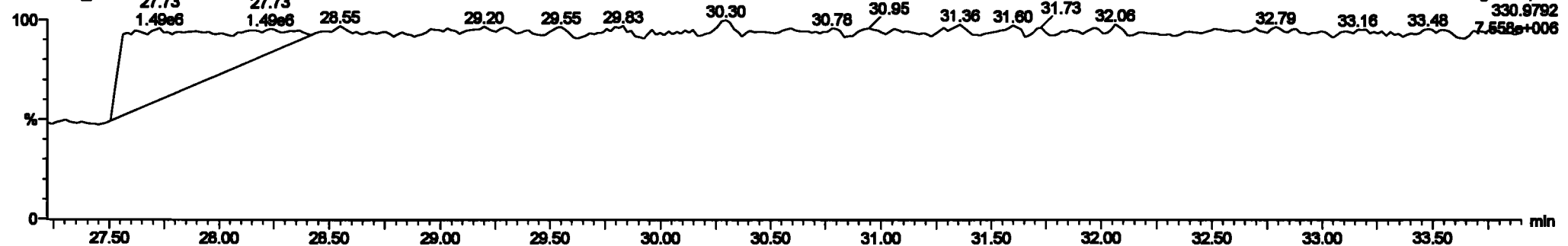


200601K1_7



PFK3d

200601K1_7

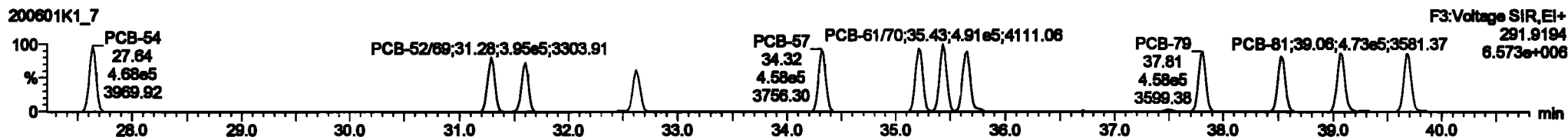
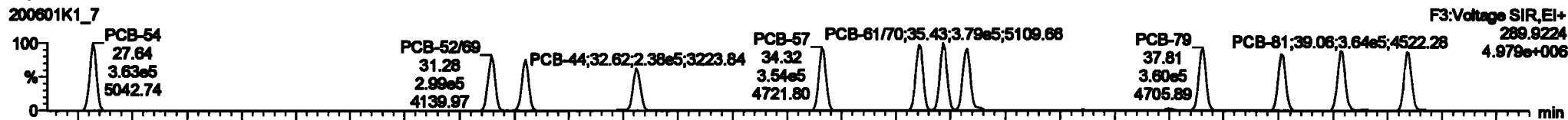


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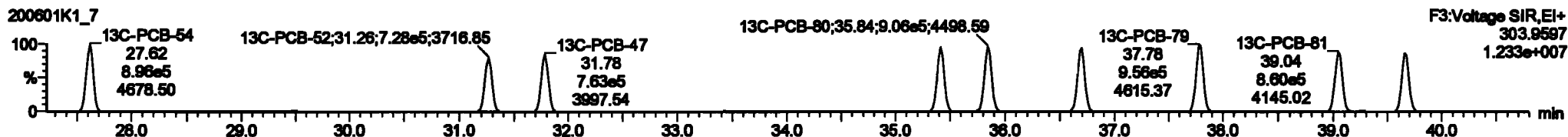
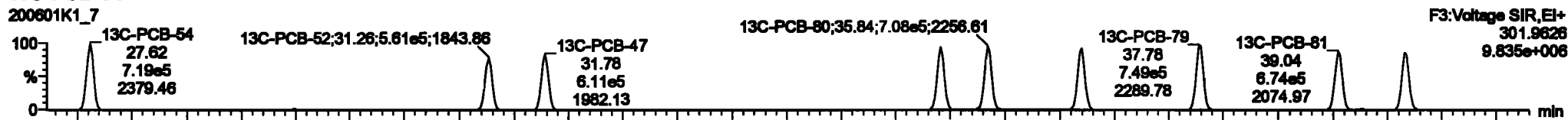
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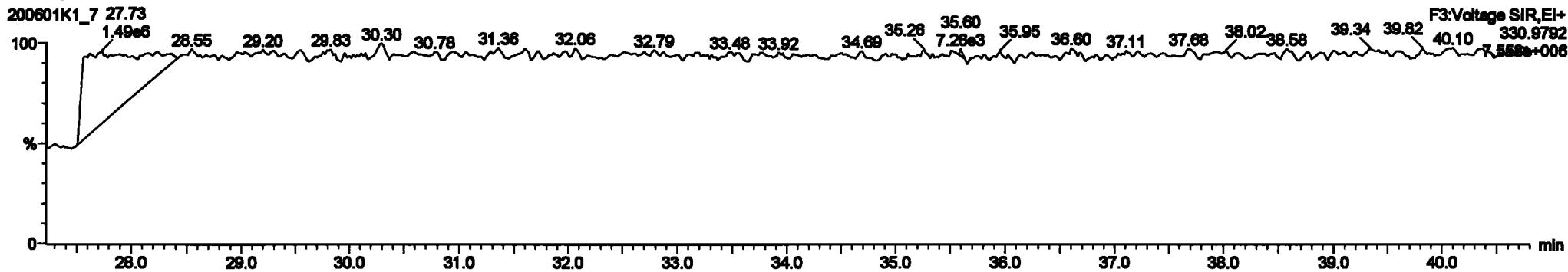
PCB-54



13C-PCB-54



PFK3a

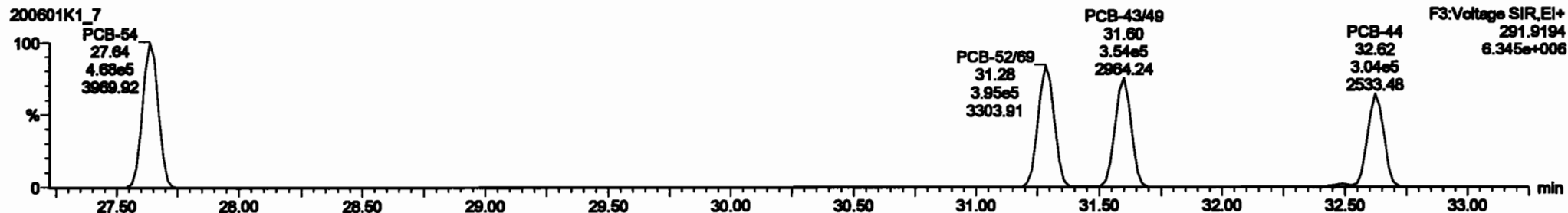


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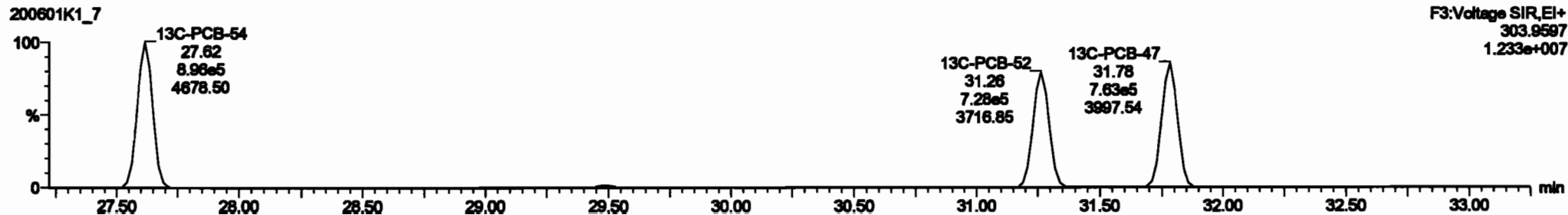
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PCB-50



13C-PCB-52



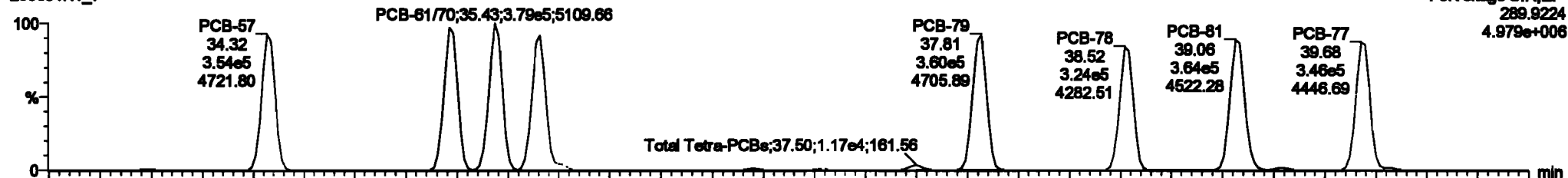
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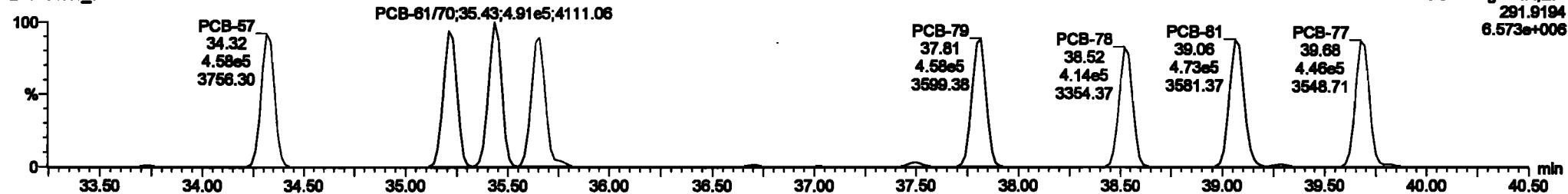
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PCB-68

200601K1_7

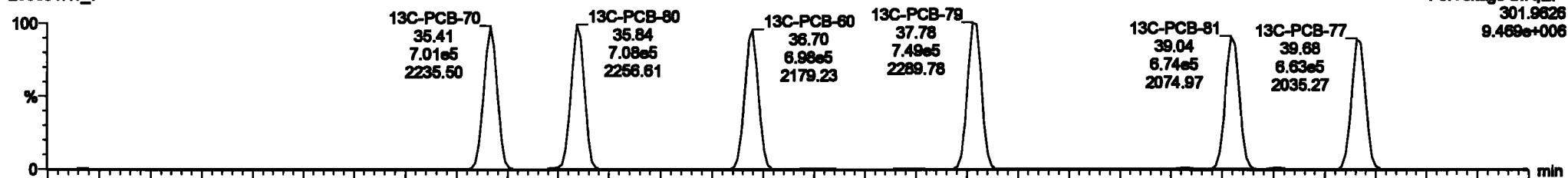


200601K1_7

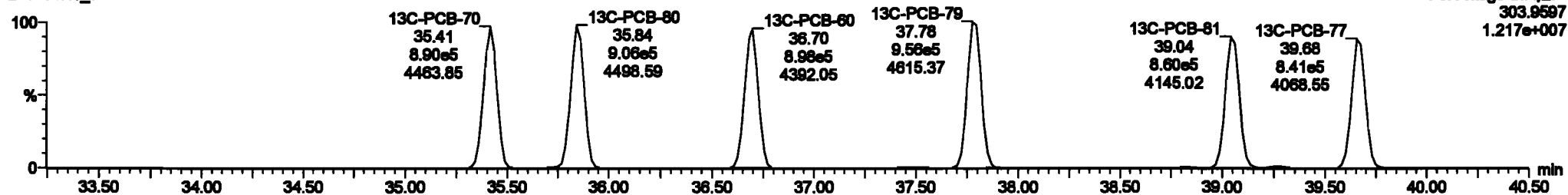


13C-PCB-60

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-138	0.88in	1.27	NO	1.0000	1.000	45.60	48.63	1.000	0.000	NO	100.0	100	0.120	
218	13C-PCB-182	0.72in	0.47	NO	1.0000	1.000	45.43	48.43	0.000	0.000	NO	100.0	100	0.122	
219	13C-PCB-205	7.84in	0.90	NO	1.0000	1.000	54.95	54.95	1.000	0.000	NO	100.0	100	0.148	
220	13C-PCB-78	1.70in	0.70	NO	1.0000	1.000	37.80	37.70	1.000	1.000	NO	100.0	100	0.0815	
221	13C-PCB-170	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-170	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	180.0
225	Total DI-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.280	600.0
226	2nd Function 13C-PCBs				1.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.110	62.70
227	2nd Function 13C-PCBs				0.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.311	200.4
228	Total PCBs				4.0000	1.000	0.00	0.000	0.000	0.000	NO	0.00		0.000	1800.0

#	Name	Prod.RT	RT	Lot Range	Lot Range	SP Ratio (Peak)	BA	Qty	Q-IMP	Comp.
1	PCB-64	27.04	27.04	3.820in	4.880in	0.770	0.70	NO	47.874	47.874
2	PCB-6800	31.30	31.30	2.805in	3.891in	0.770	0.70	NO	48.220	48.220
3	PCB-4300	31.80	31.80	2.700in	3.520in	0.770	0.70	NO	48.317	48.317
4	PCB-44	32.80	32.80	2.570in	3.043in	0.770	0.70	NO	47.188	47.188
5	PCB-67	34.30	34.30	3.880in	4.577in	0.770	0.77	NO	43.838	43.838
6	PCB-74	35.20	35.21	3.730in	4.702in	0.770	0.70	NO	45.000	45.000
7	PCB-8100	35.43	35.43	3.700in	4.880in	0.770	0.77	NO	51.834	51.834
8	PCB-7000	35.62	35.60	3.891in	4.830in	0.770	0.70	NO	44.671	44.671



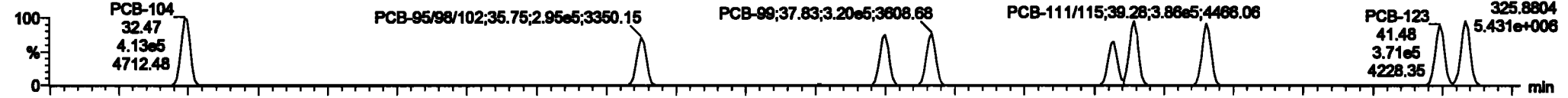
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Last Altered: Tuesday, June 02, 2020 10:33:30 Pacific Daylight Time
Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

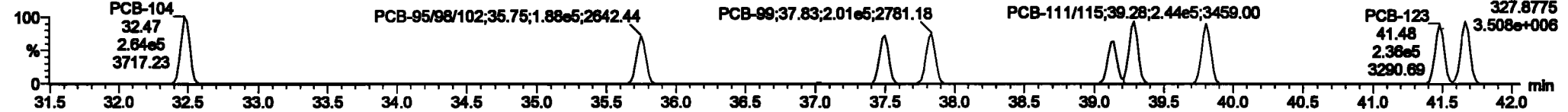
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PCB-104

200601K1_7

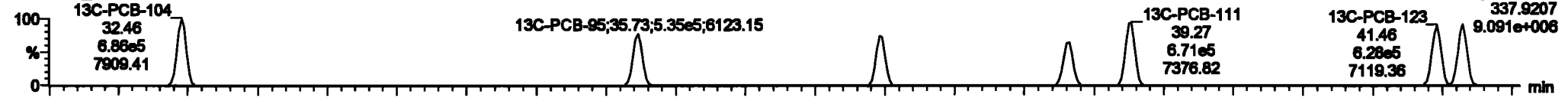


200601K1_7

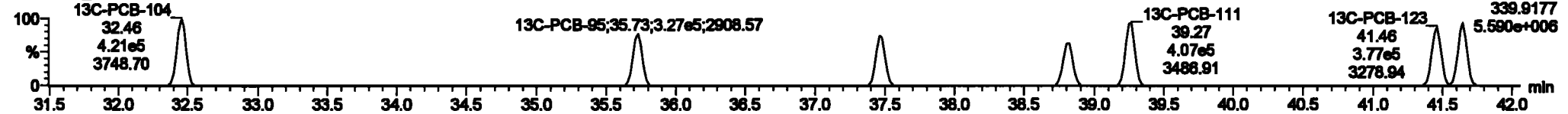


13C-PCB-104

200601K1_7

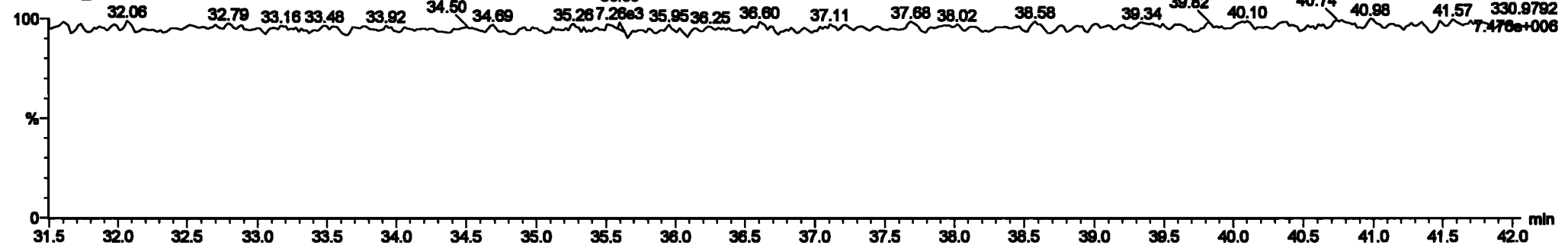


200601K1_7



PFK3b

200601K1_7



Dataset: Untitled

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

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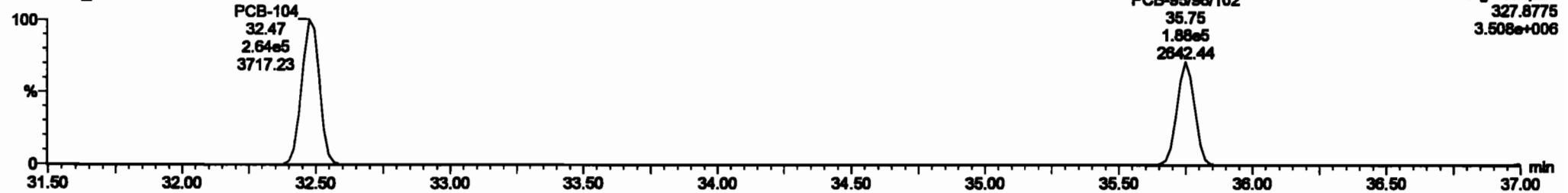
PCB-96

200601K1_7



F3:Voltage SIR,EI+
325.8804
5.431e+006

200601K1_7



F3:Voltage SIR,EI+
327.8775
3.508e+006

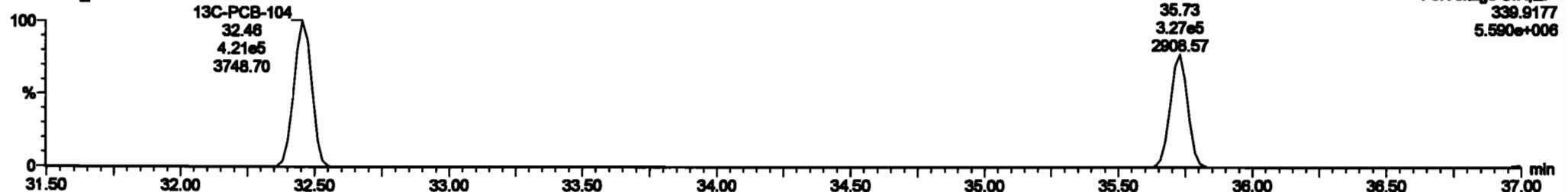
13C-PCB-95

200601K1_7



F3:Voltage SIR,EI+
337.9207
9.091e+006

200601K1_7



F3:Voltage SIR,EI+
339.9177
5.590e+006

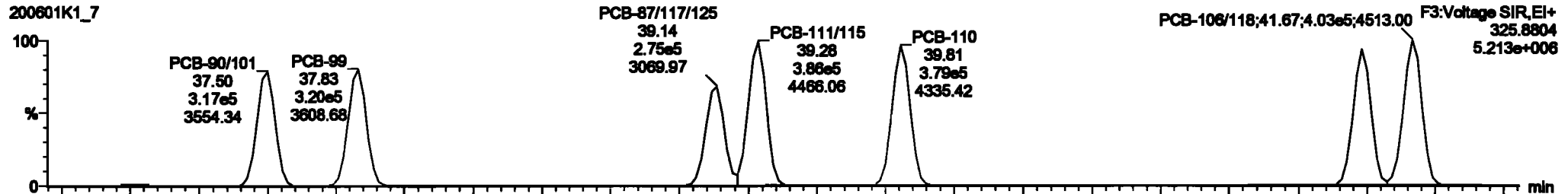
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Printed: Tuesday, June 02, 2020 10:35:13 Pacific Daylight Time

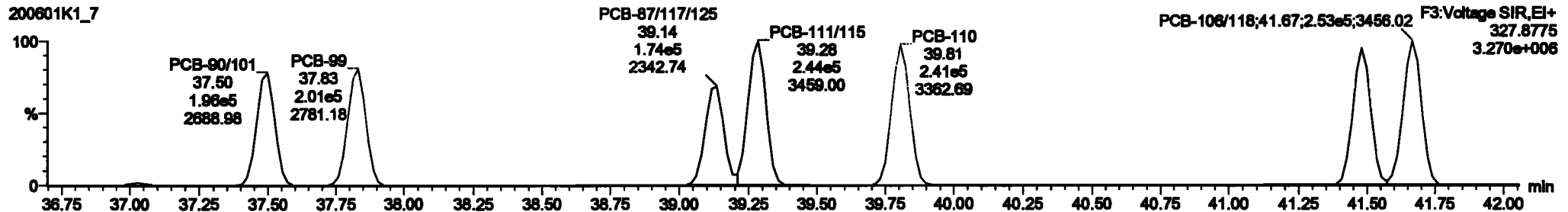
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PCB-119

200601K1_7

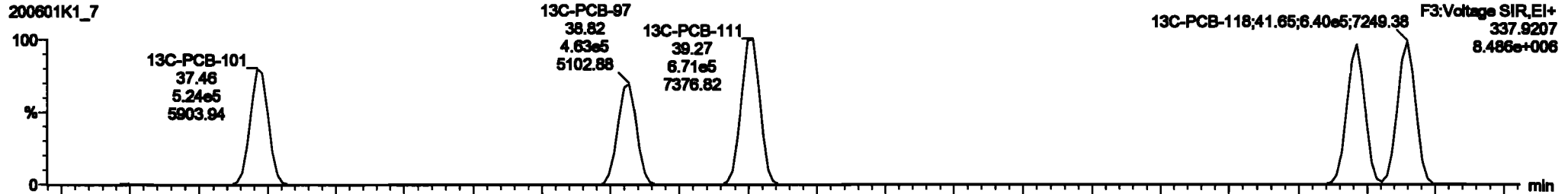


200601K1_7

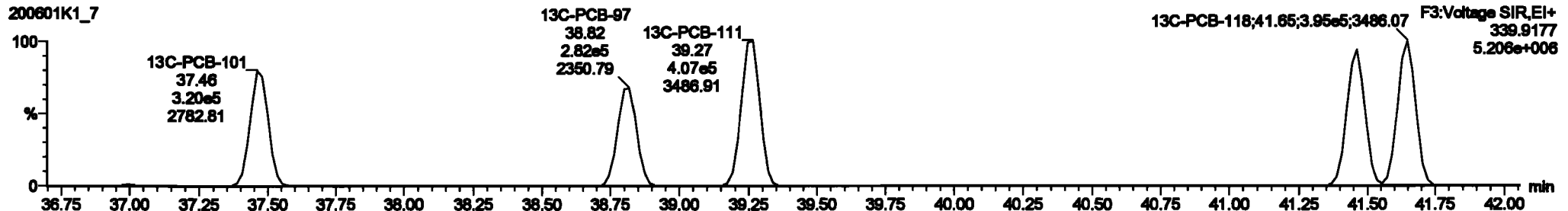


13C-PCB-111

200601K1_7



200601K1_7



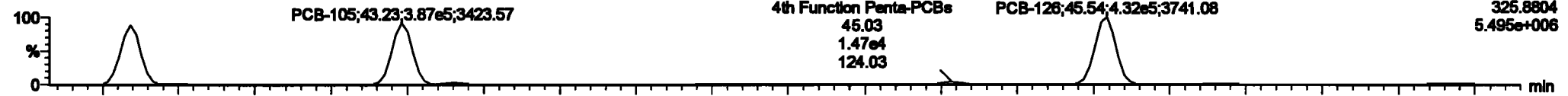
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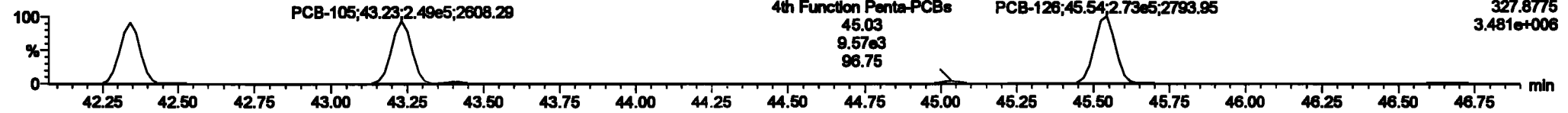
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PCB-114

200601K1_7

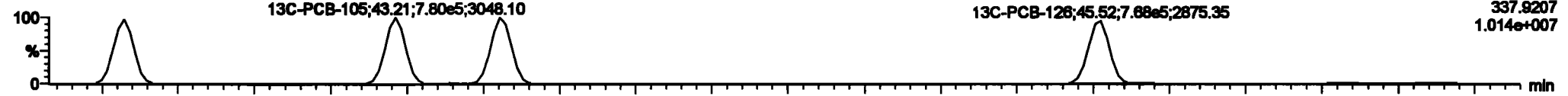


200601K1_7

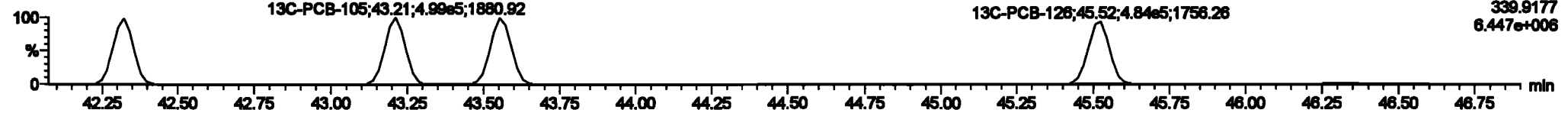


13C-PCB-114

200601K1_7

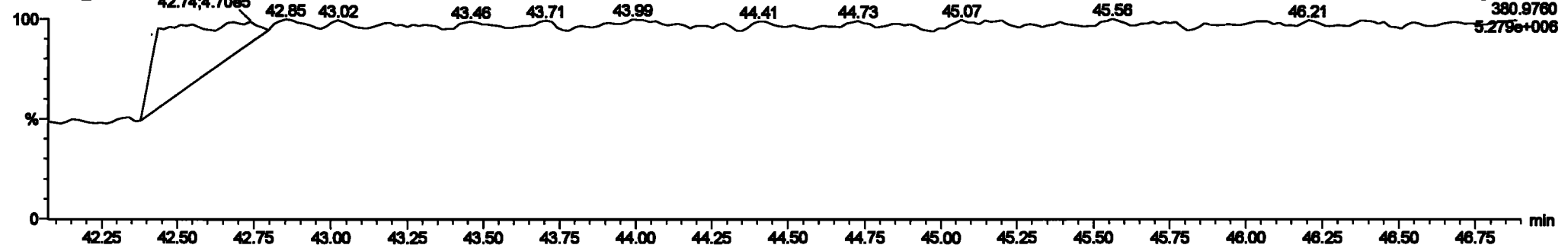


200601K1_7



PFK4a

200601K1_7



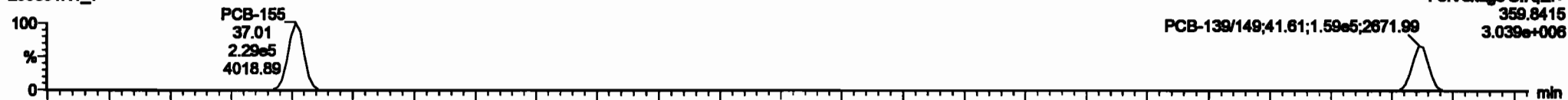
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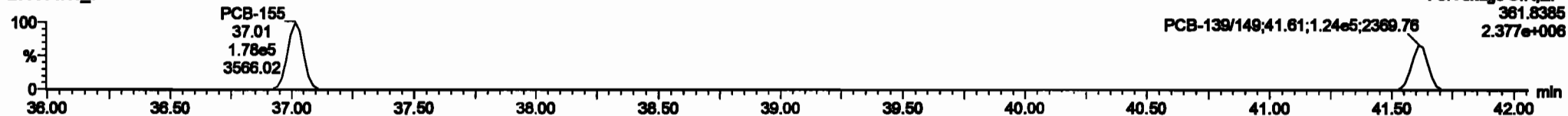
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PCB-155

200601K1_7

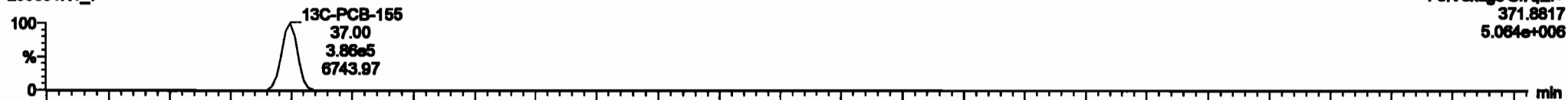


200601K1_7

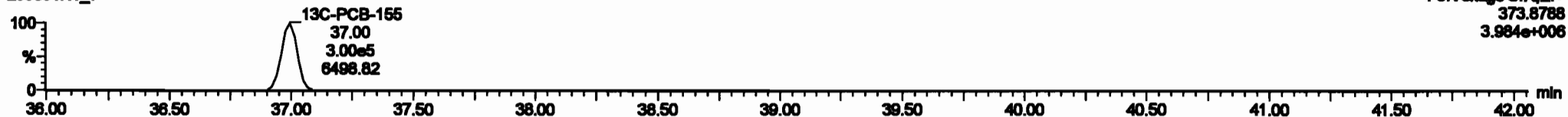


13C-PCB-155

200601K1_7

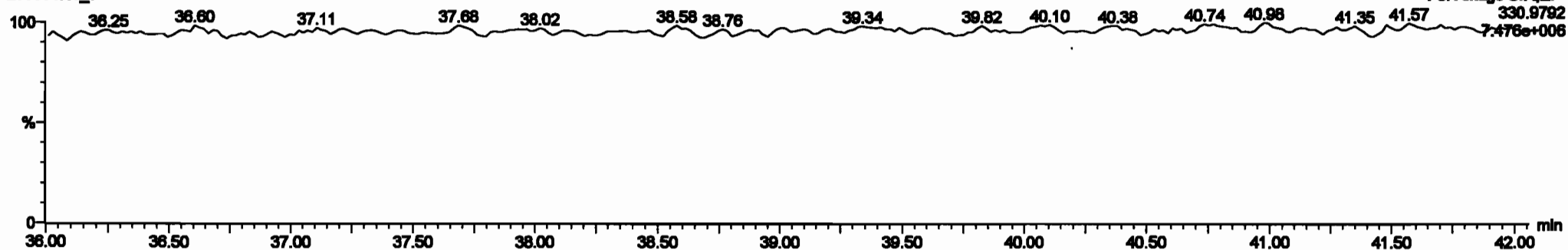


200601K1_7



PFK3c

200601K1_7

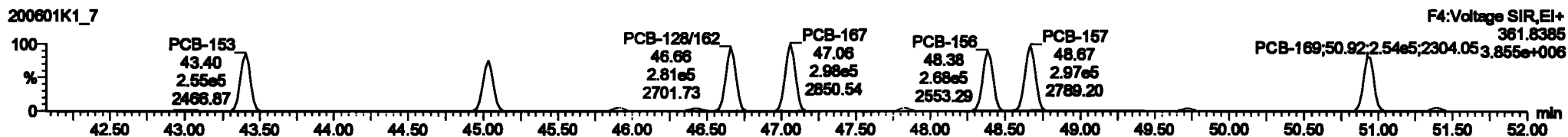
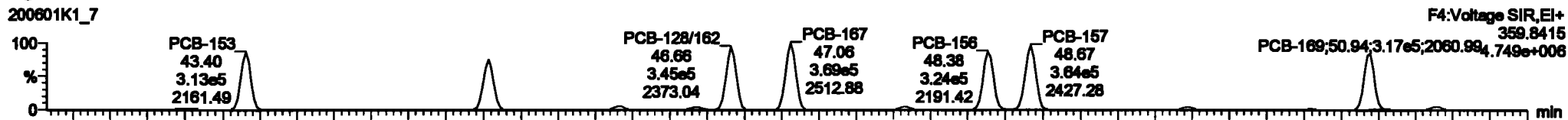


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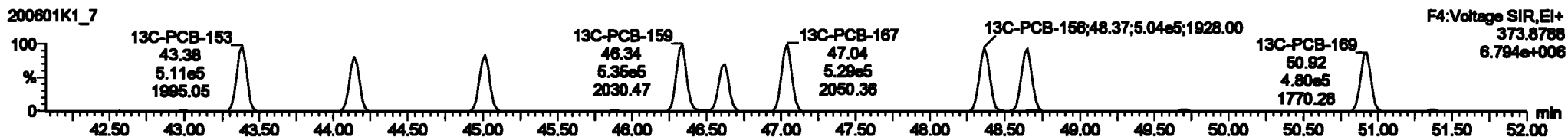
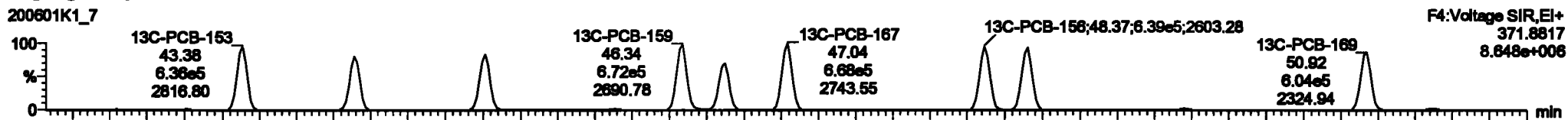
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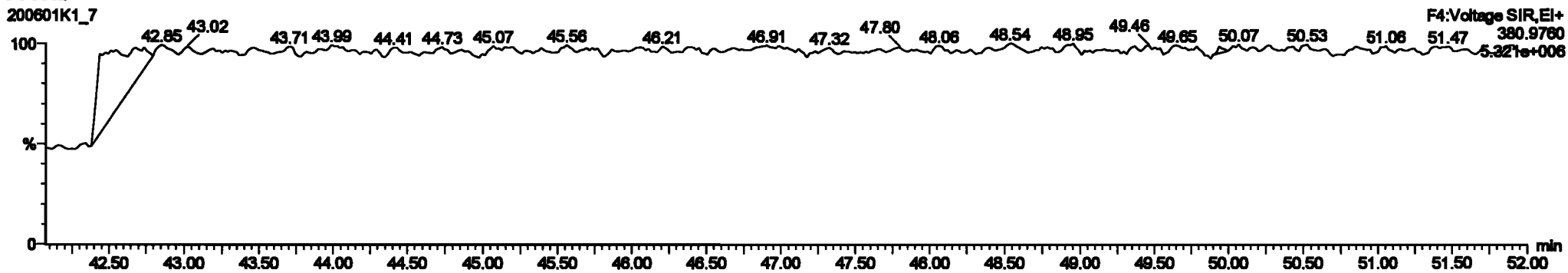
PCB-134/143



13C-PCB-153



PFK4b



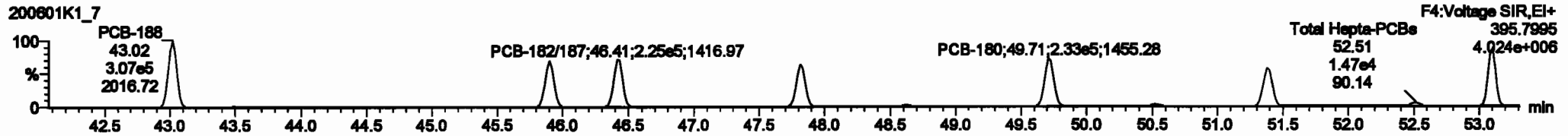
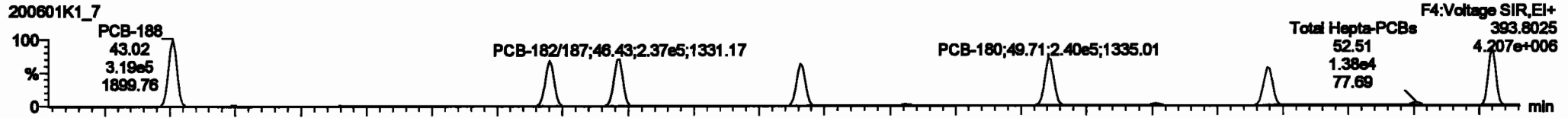
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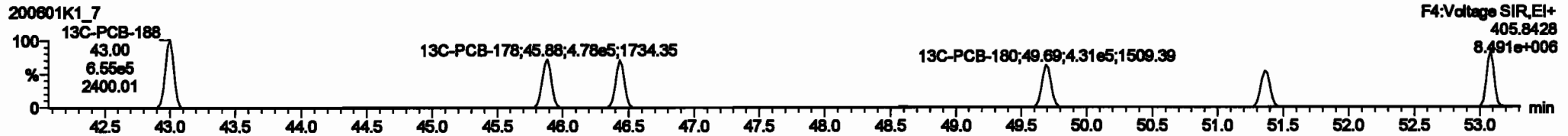
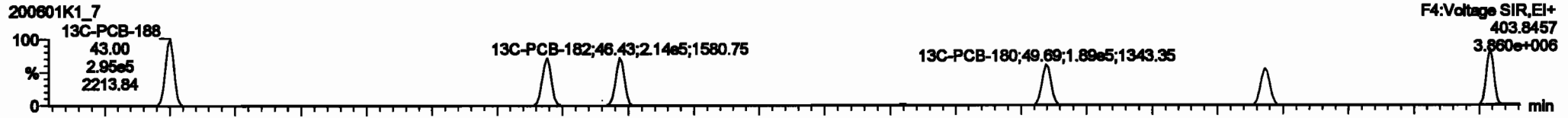
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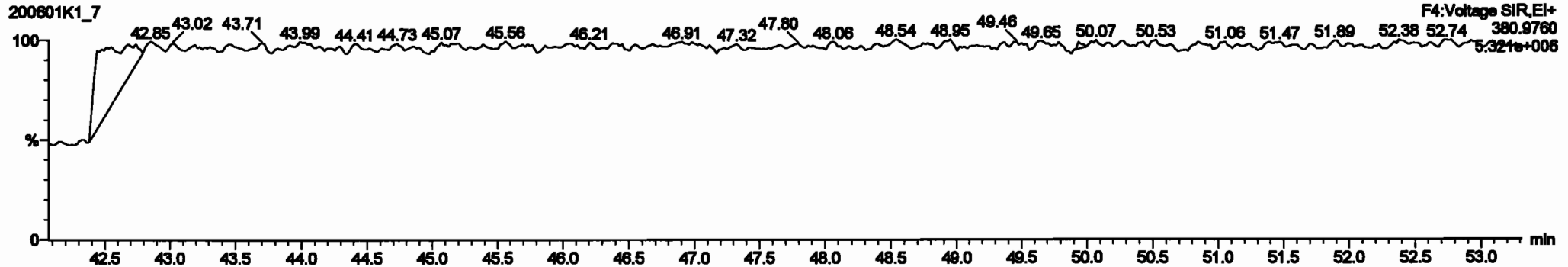
PCB-188



13C-PCB-188



PFK4c



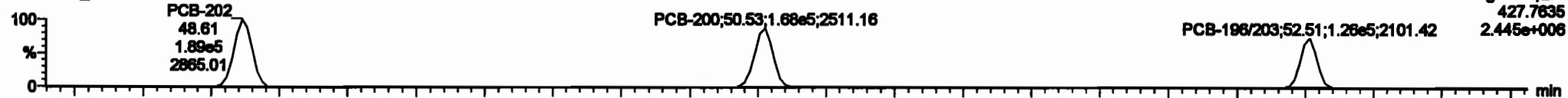
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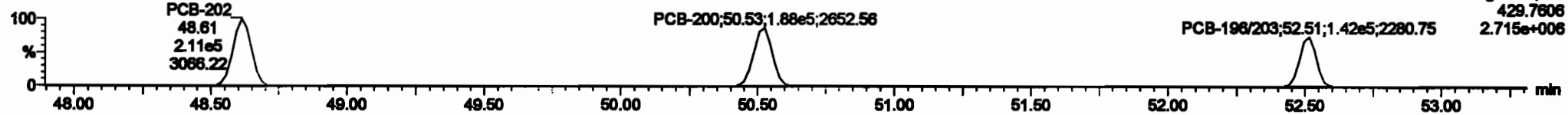
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PCB-202

200601K1_7

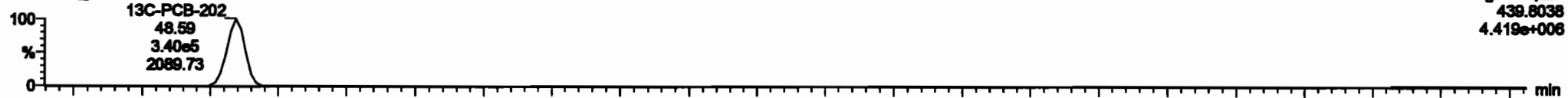


200601K1_7

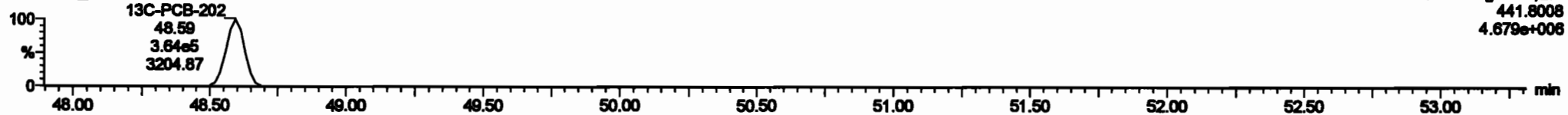


13C-PCB-202

200601K1_7

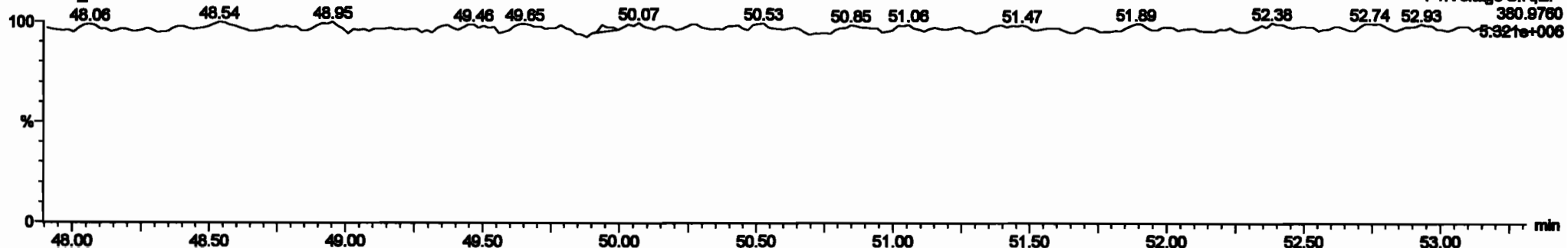


200601K1_7



PFK4d

200601K1_7



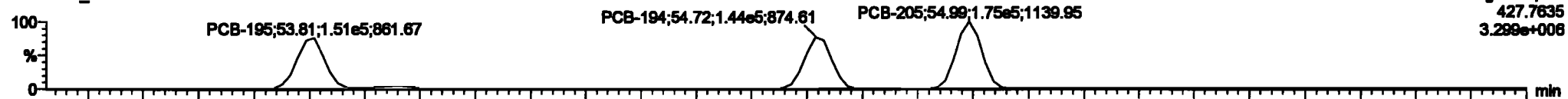
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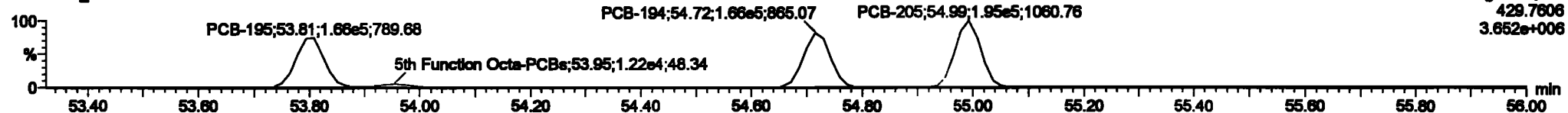
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PCB-195

200601K1_7

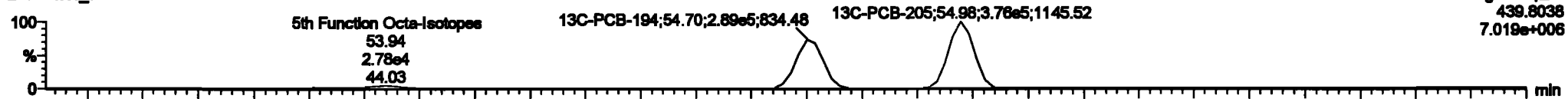


200601K1_7

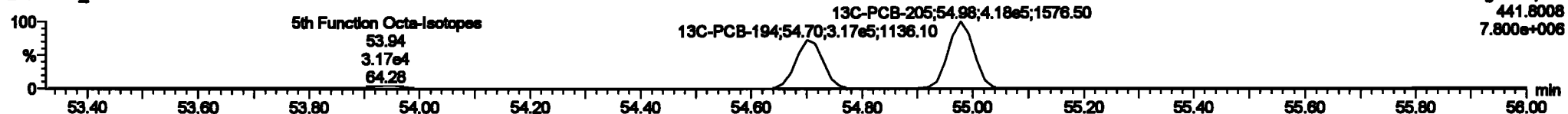


13C-PCB-194

200601K1_7

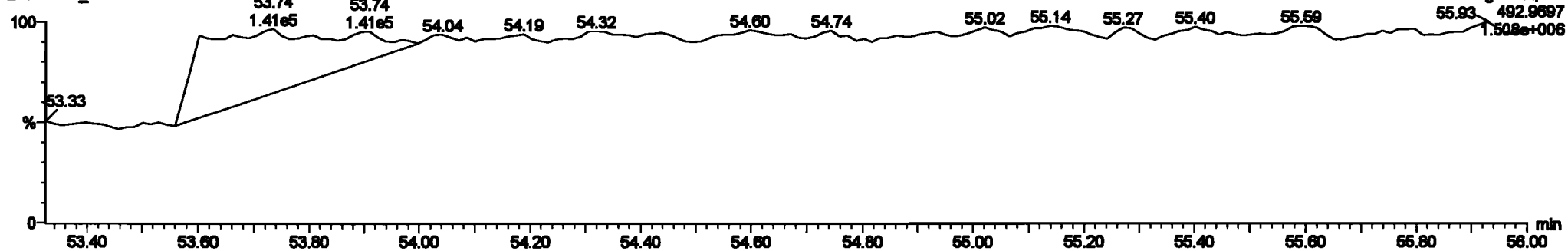


200601K1_7



PFK5a

200601K1_7



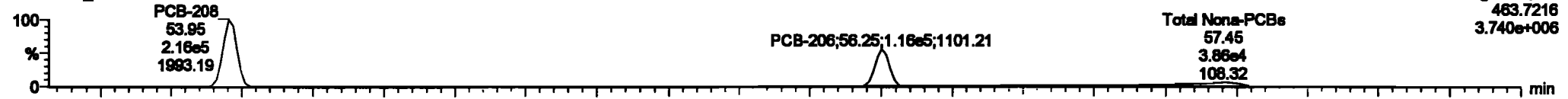
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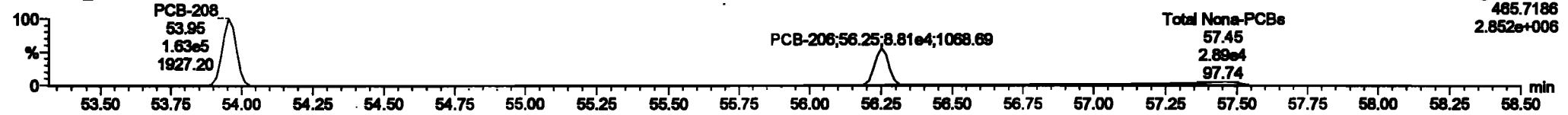
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PCB-208

200601K1_7

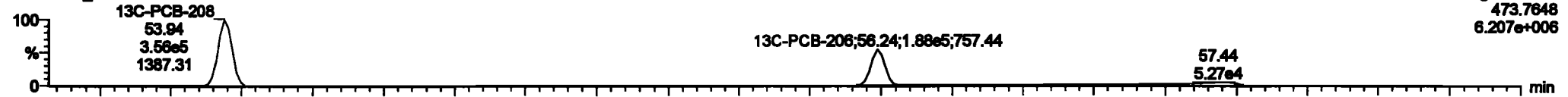


200601K1_7

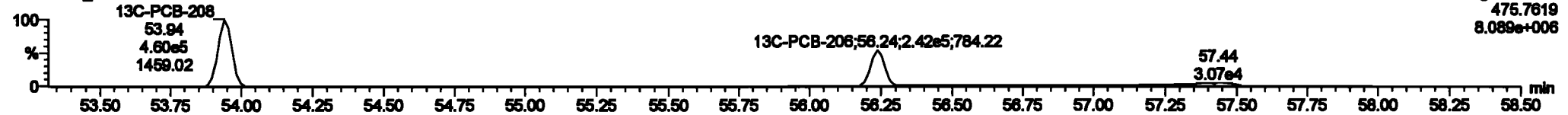


13C-PCB-208

200601K1_7

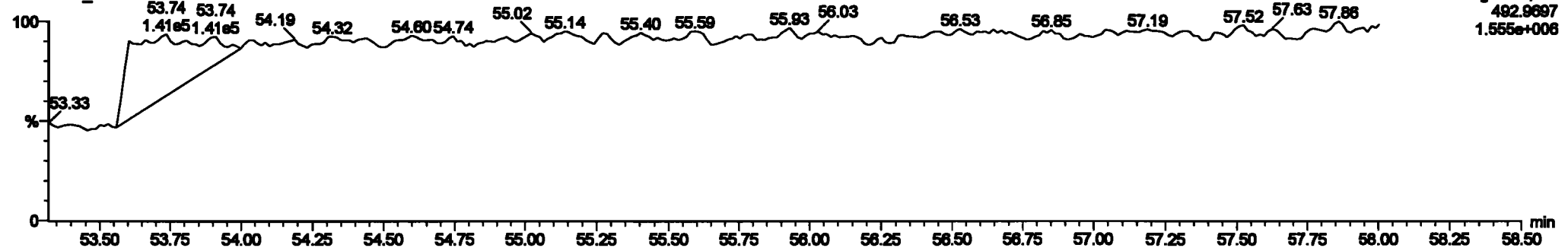


200601K1_7



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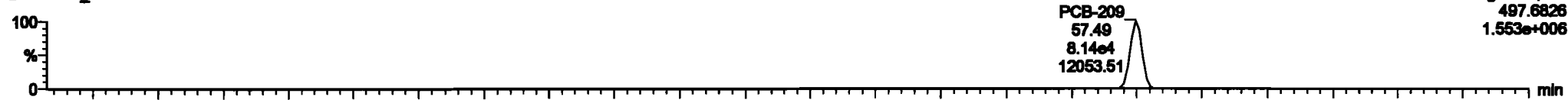
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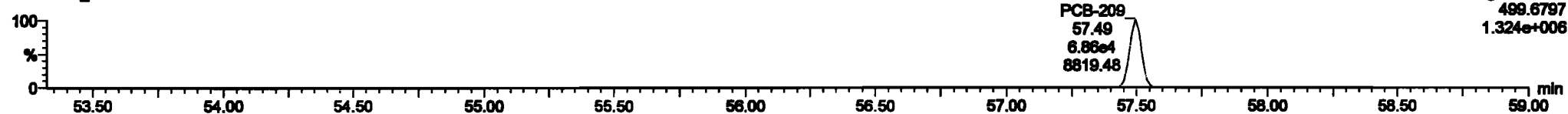
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PCB-209

200601K1_7

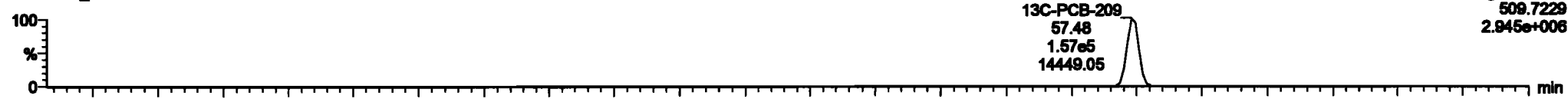


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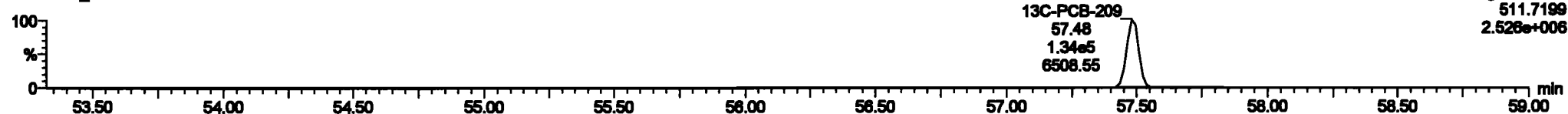


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200601K1_7



PFK5b

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