

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030520\
 Data File : PL057099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2020 18:49
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 3/6/2020 11:37:13 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 04:46:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:55:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.460	3.958	421.7E6	112.5E6	49.485	52.720
28)	SA Decachlor...	8.209	8.982	421.6E6	97119829	43.616	45.709
Target Compounds							
2)	A alpha-BHC	3.896	4.344	734.2E6	172.3E6	49.544	54.542
3)	MA gamma-BHC...	4.180	4.627	682.8E6	167.2E6	49.690	53.790
4)	MA Heptachlor	4.480	5.129	663.9E6	166.1E6	48.876	53.378
5)	MB Aldrin	4.728	5.430	646.0E6	162.3E6	50.028	54.292
6)	B beta-BHC	4.431	4.799	264.7E6	74583415	49.975	52.920
7)	B delta-BHC	4.635	5.013	669.3E6	145.2E6	51.303	59.635
8)	B Heptachlo...	5.171	5.816	595.1E6	150.2E6	49.184	54.193
9)	A Endosulfan I	5.510	6.170	550.7E6	144.0E6	48.576	51.566
10)	B gamma-Chl...	5.398	6.049	608.0E6	159.1E6	48.951	53.156
11)	B alpha-Chl...	5.456	6.120	601.5E6	158.3E6	48.957	52.522
12)	B 4,4'-DDE	5.620	6.279	572.1E6	146.7E6	48.823	51.693
13)	MA Dieldrin	5.753	6.426	593.2E6	151.6E6	48.516	51.515
14)	MA Endrin	6.010	6.642	502.3E6	126.1E6	46.170	48.915
15)	B Endosulfa...	6.283	6.852	502.4E6	130.7E6	46.517	46.594
16)	A 4,4'-DDD	6.136	6.768	472.8E6	122.7E6	48.838	50.375
17)	MA 4,4'-DDT	6.376	7.065	437.4E6	114.6E6	44.705	46.587
18)	B Endrin al...	6.451	6.976	414.2E6	111.2E6	46.296	48.002
19)	B Endosulfa...	6.664	7.199	465.7E6	123.3E6	46.634	49.173
20)	A Methoxychlor	6.922	7.525	227.5E6	60419518	45.633	48.362
21)	B Endrin ke...	7.155	7.665	530.3E6	131.9E6	46.964	48.125m
22)	Mirex	7.342	8.117	363.7E6	90423281	44.880	47.165

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030520\
Data File : PL057099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2020 18:49
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

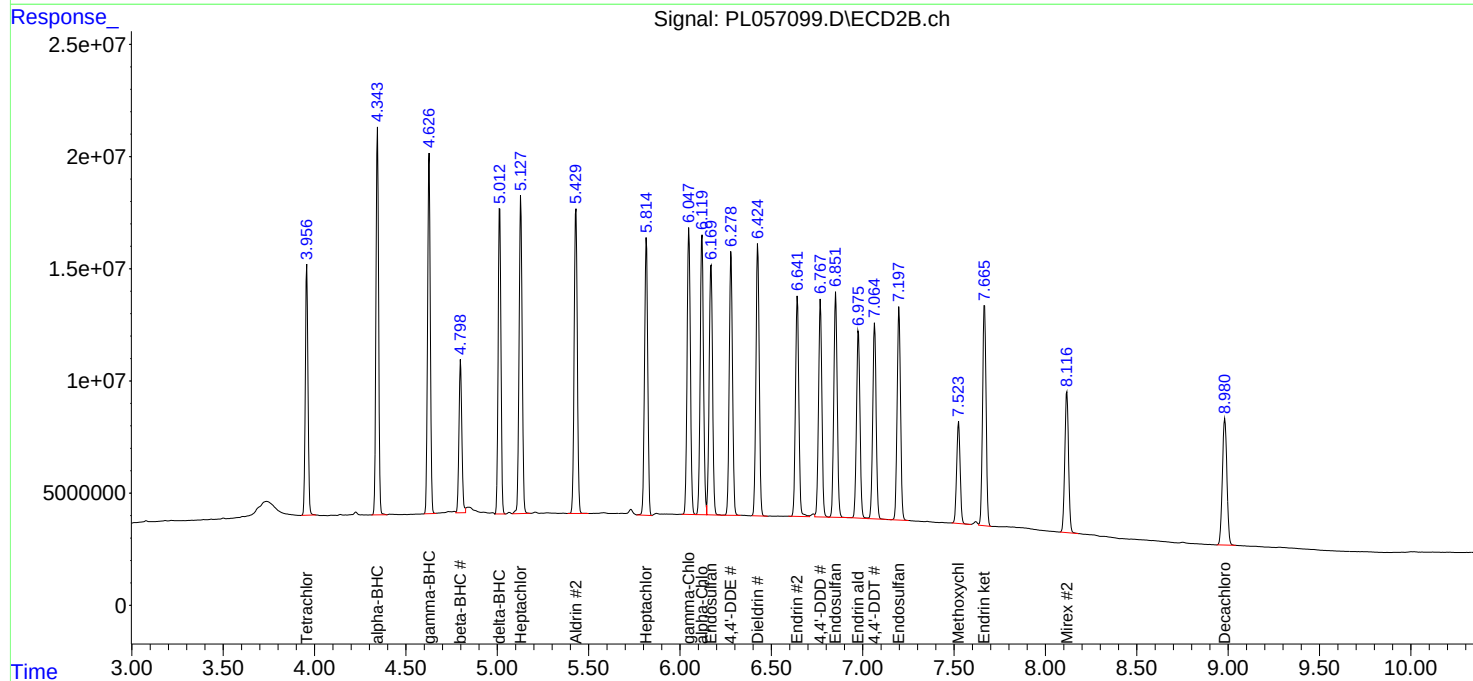
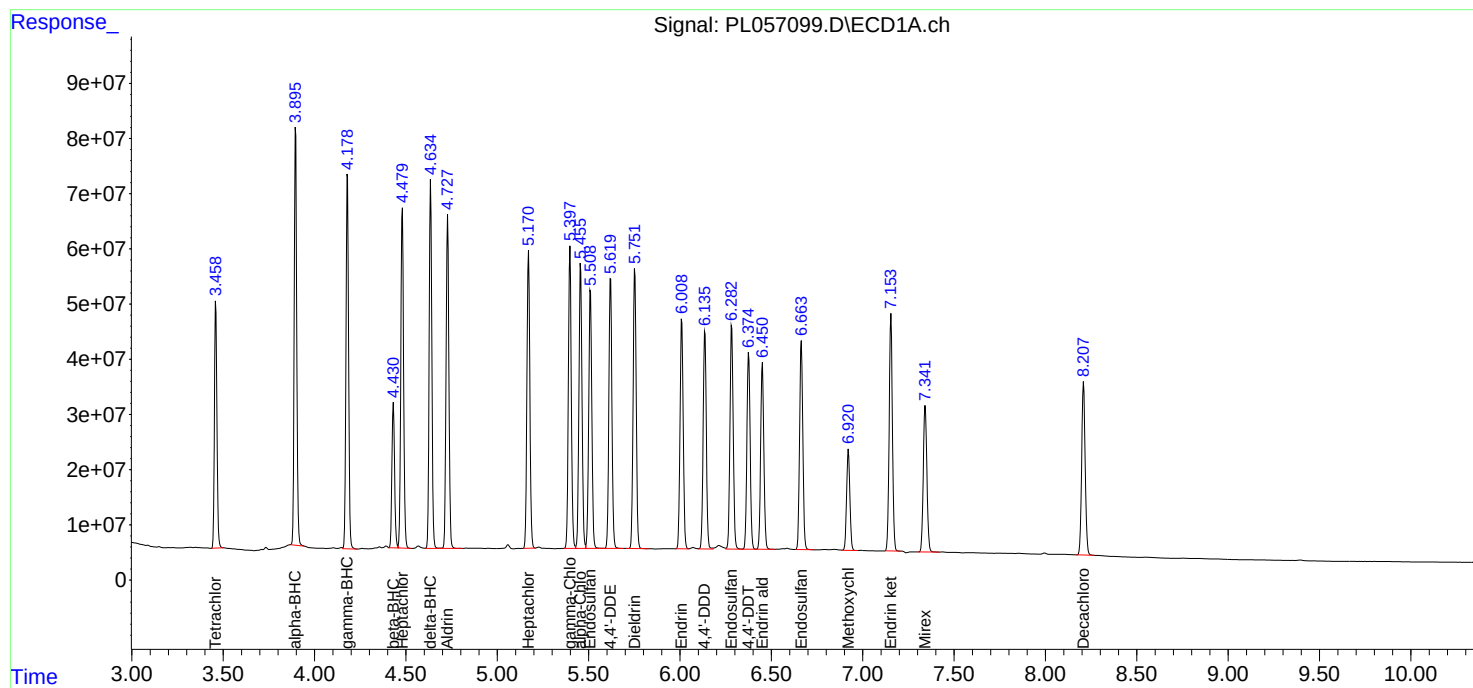
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

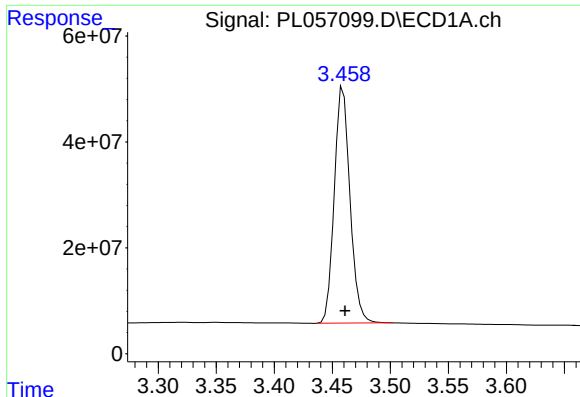
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 04:46:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030320.M
Quant Title : GC Extractables
QLast Update : Wed Mar 04 03:55:01 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





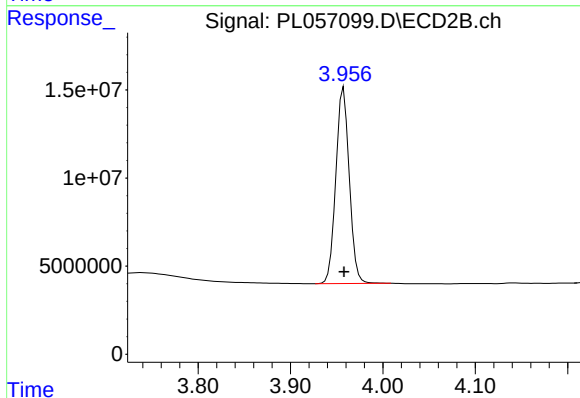
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: -0.001 min
Response: 421728109
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

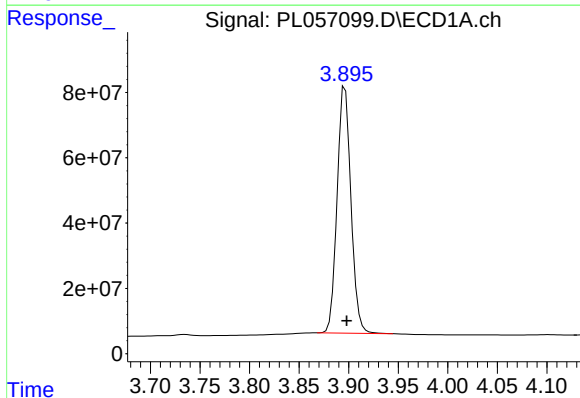
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



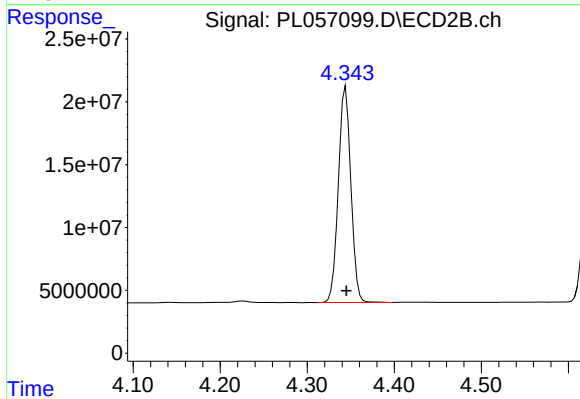
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 112478393
Conc: 52.72 ng/ml



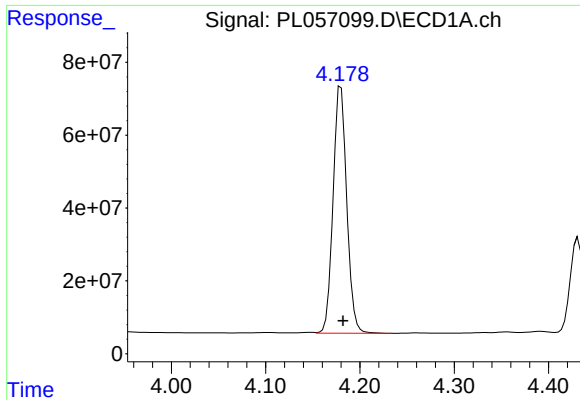
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 734234772
Conc: 49.54 ng/ml



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 172296886
Conc: 54.54 ng/ml



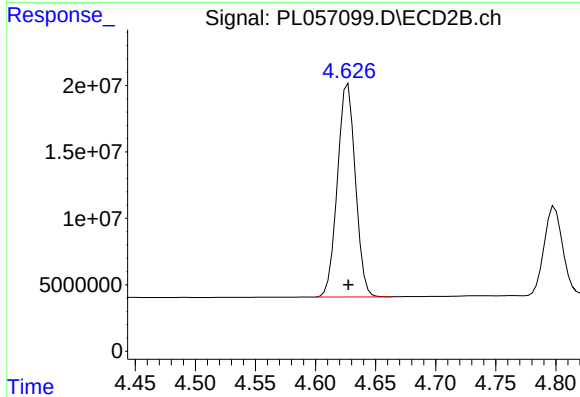
#3 gamma-BHC (Lindane)

R.T.: 4.180 min
Delta R.T.: -0.002 min
Response: 682774096
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

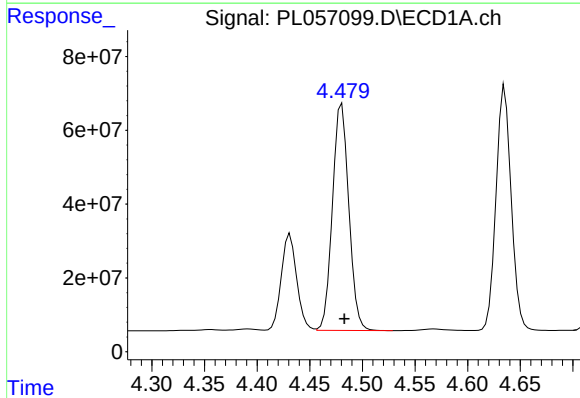
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



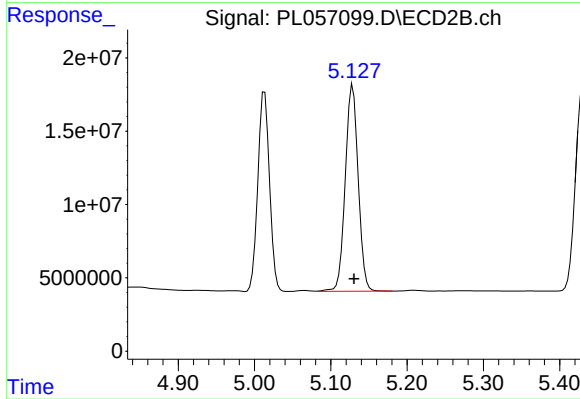
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 167218062
Conc: 53.79 ng/ml



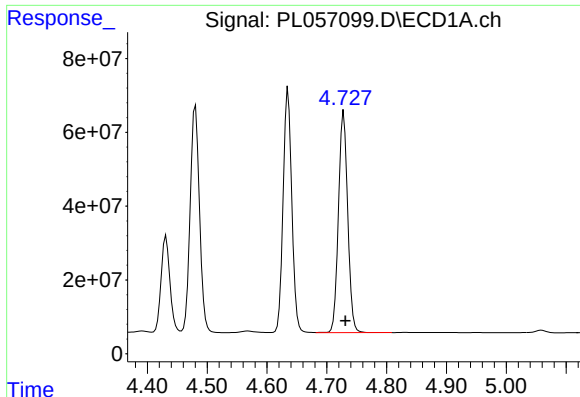
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: -0.003 min
Response: 663933330
Conc: 48.88 ng/ml



#4 Heptachlor

R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 166131942
Conc: 53.38 ng/ml



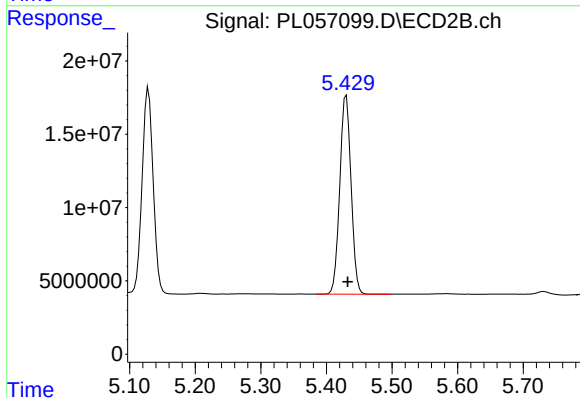
#5 Aldrin

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 646001035
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

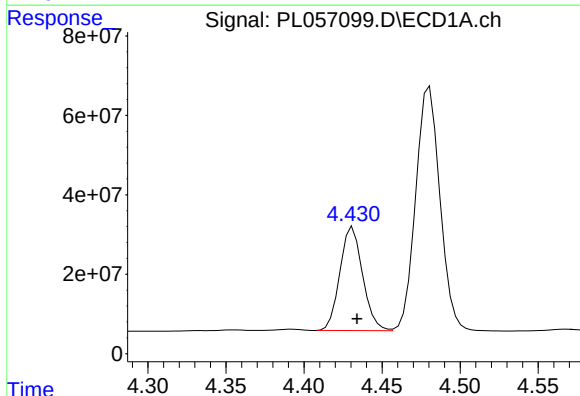
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



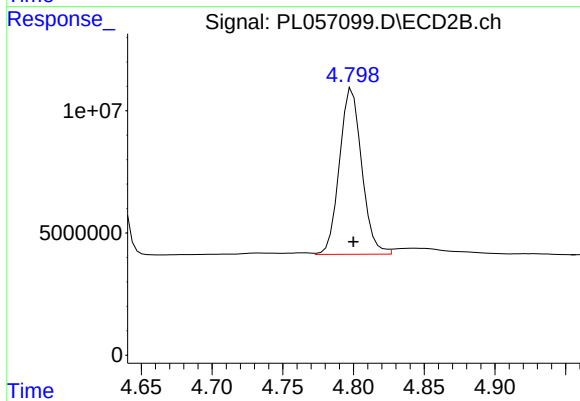
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 162288152
Conc: 54.29 ng/ml



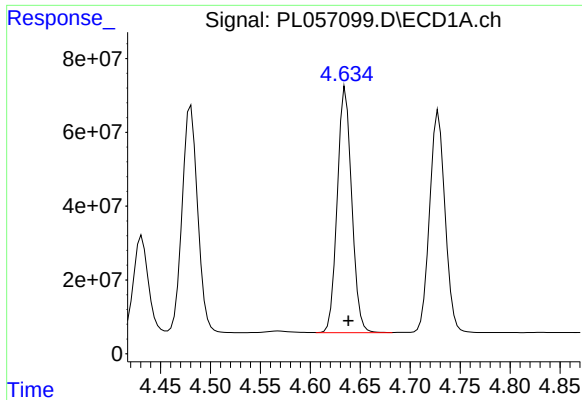
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 264727959
Conc: 49.98 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 74583415
Conc: 52.92 ng/ml



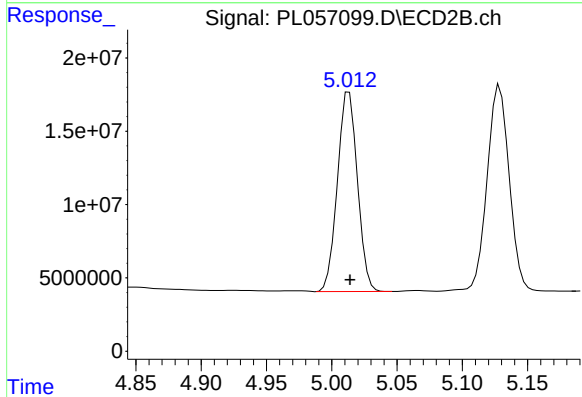
#7 delta-BHC

R.T.: 4.635 min
Delta R.T.: -0.003 min
Response: 669310810
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

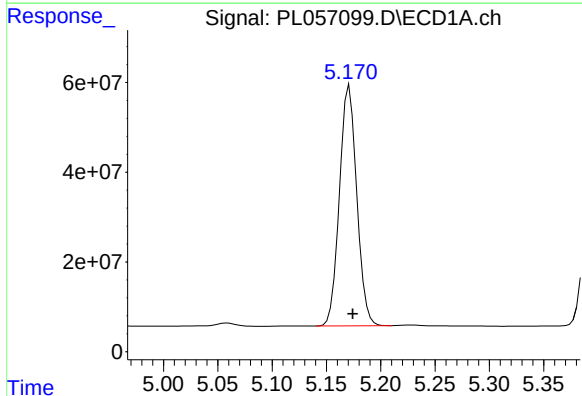
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



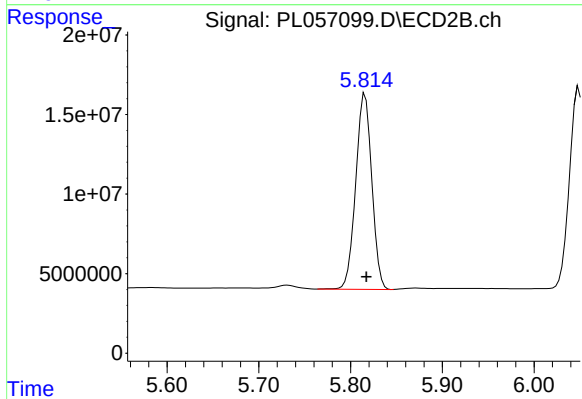
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 145198873
Conc: 59.63 ng/ml



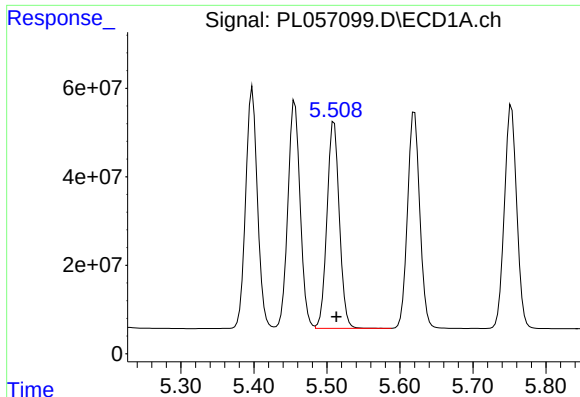
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 595125542
Conc: 49.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 150172738
Conc: 54.19 ng/ml



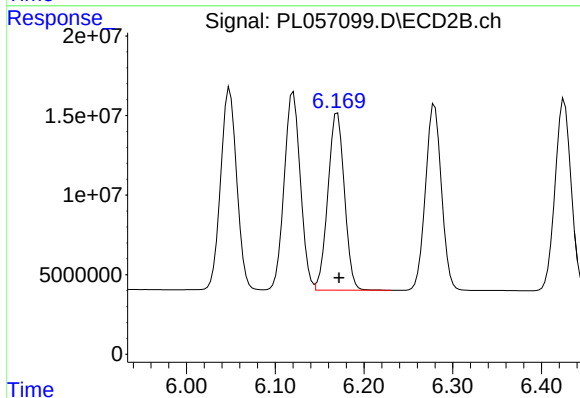
#9 Endosulfan I

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 550657114
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

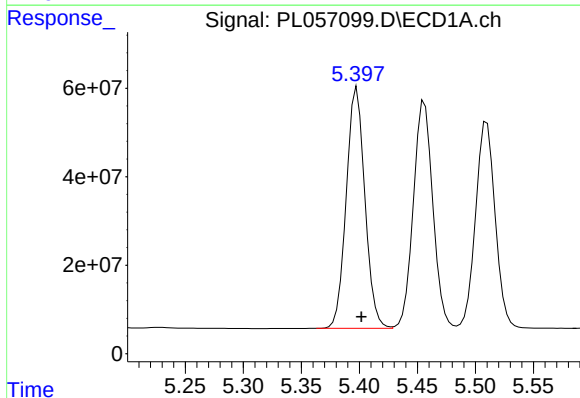
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



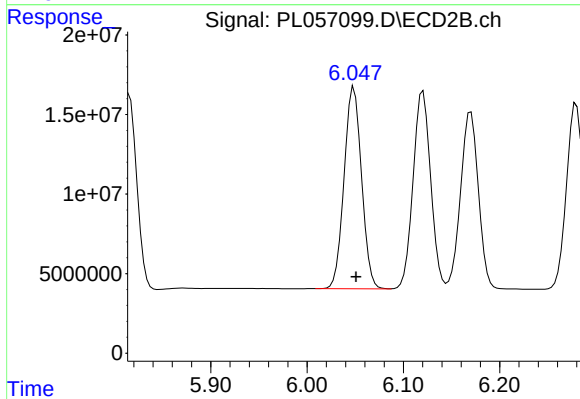
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 144045627
Conc: 51.57 ng/ml



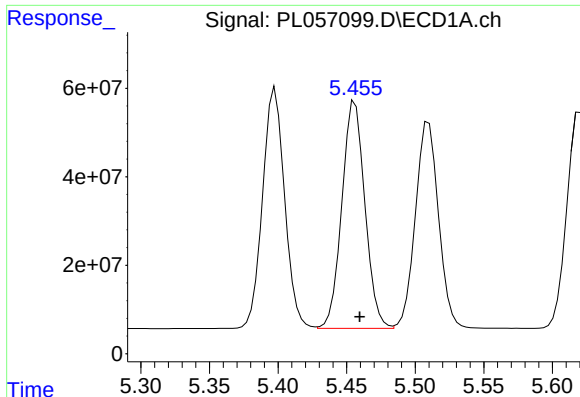
#10 gamma-Chlordane

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 608010353
Conc: 48.95 ng/ml



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 159129302
Conc: 53.16 ng/ml



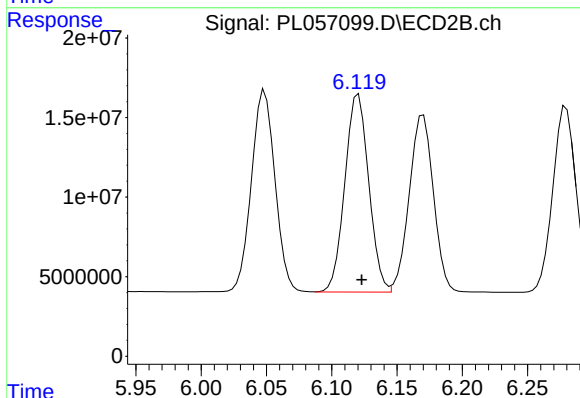
#11 alpha-Chlordane

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 601491973
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

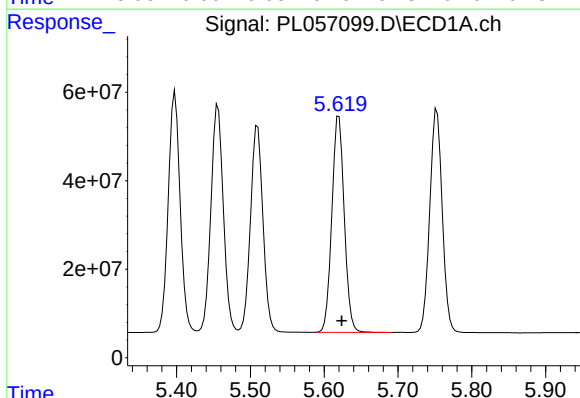
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



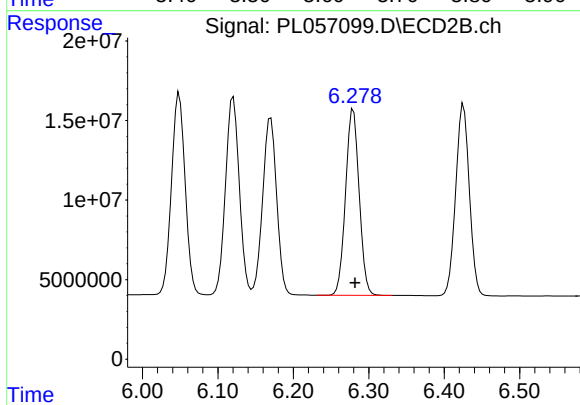
#11 alpha-Chlordane

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 158325923
Conc: 52.52 ng/ml



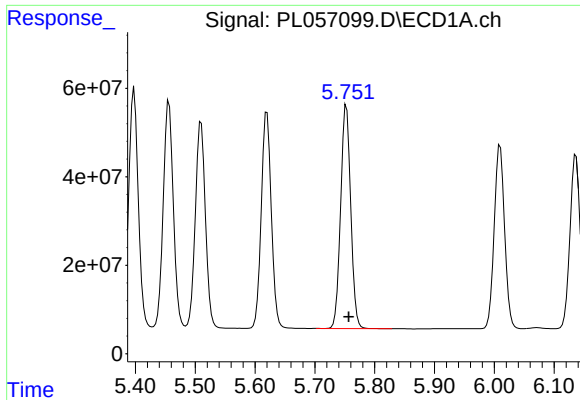
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 572104329
Conc: 48.82 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 146700005
Conc: 51.69 ng/ml



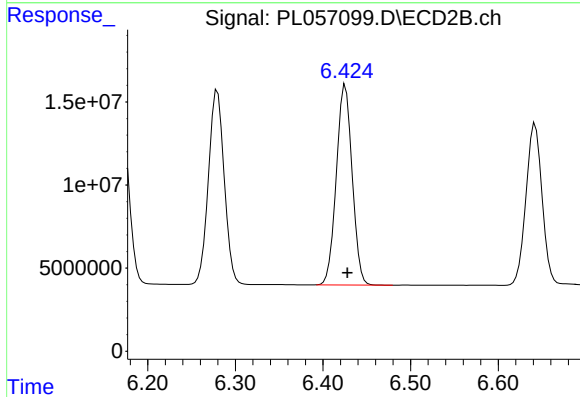
#13 Dieldrin

R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 593189173
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

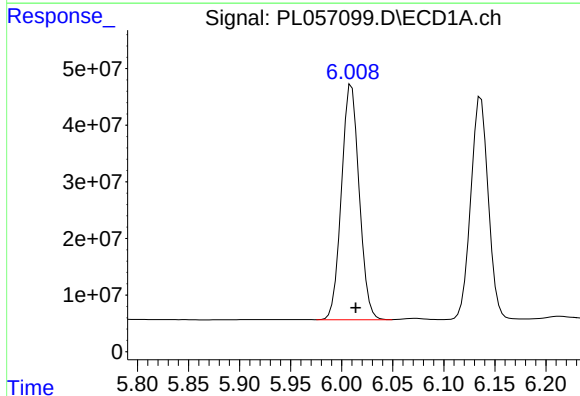
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



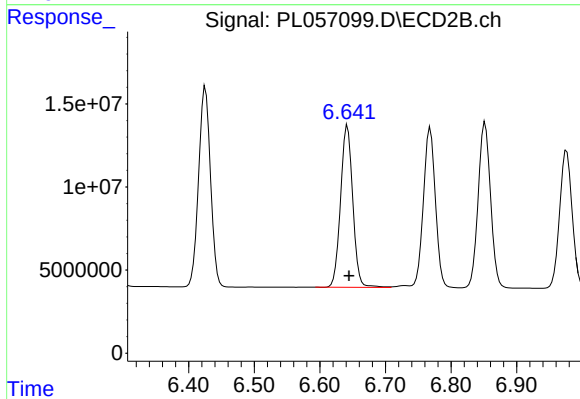
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 151622136
Conc: 51.52 ng/ml



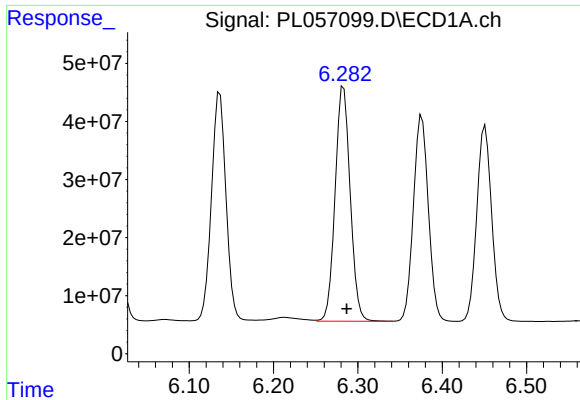
#14 Endrin

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 502309073
Conc: 46.17 ng/ml



#14 Endrin

R.T.: 6.642 min
Delta R.T.: -0.003 min
Response: 126142250
Conc: 48.92 ng/ml



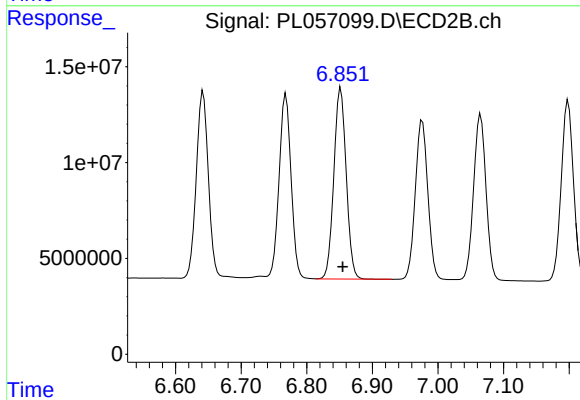
#15 Endosulfan II

R.T.: 6.283 min
Delta R.T.: -0.004 min
Response: 502359934
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

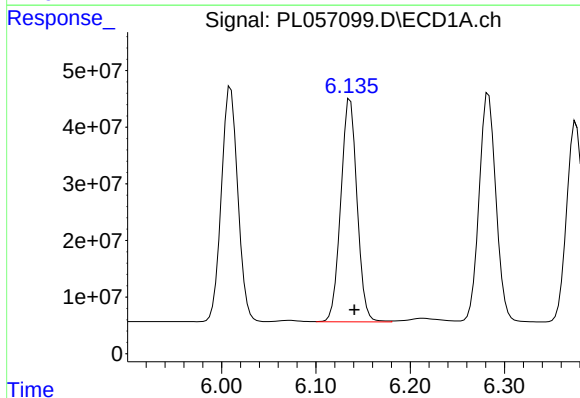
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



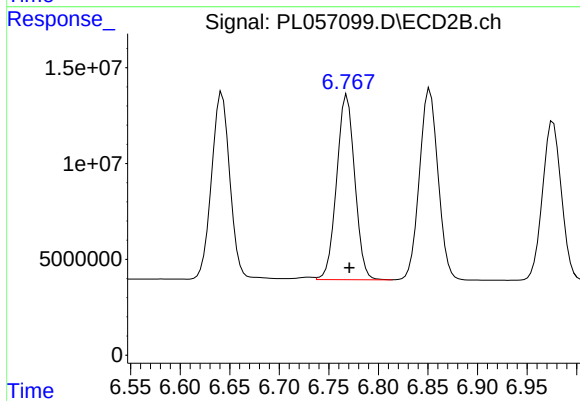
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 130744150
Conc: 46.59 ng/ml



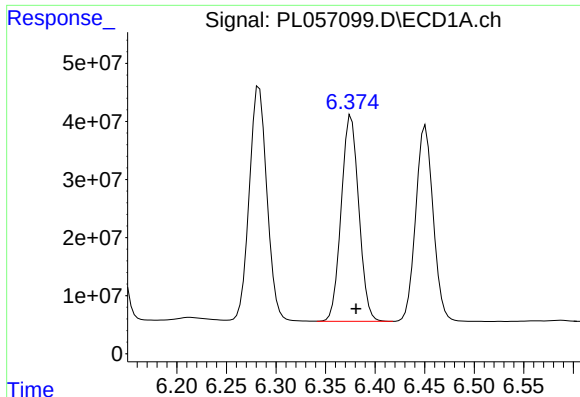
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 472787399
Conc: 48.84 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 122714216
Conc: 50.37 ng/ml



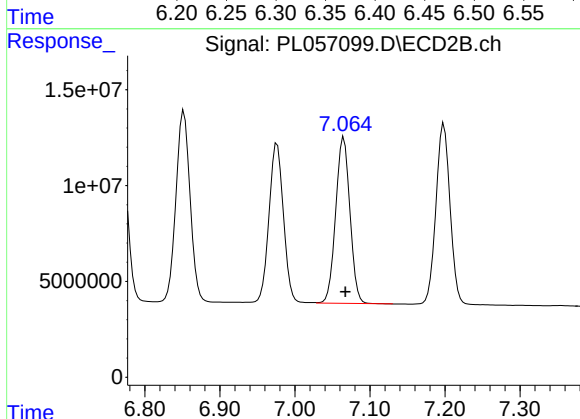
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 437448139
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

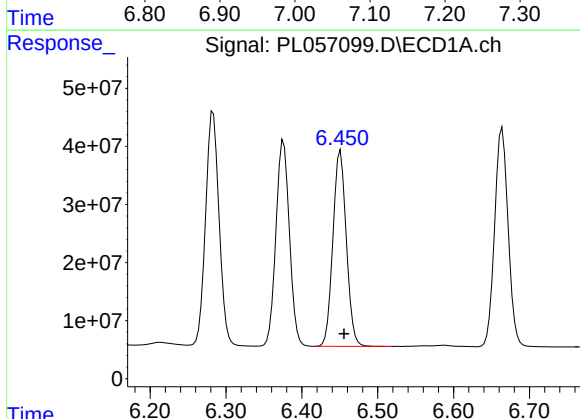
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



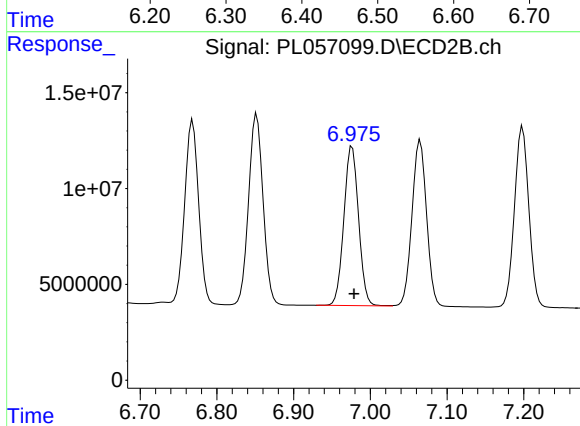
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 114601325
Conc: 46.59 ng/ml



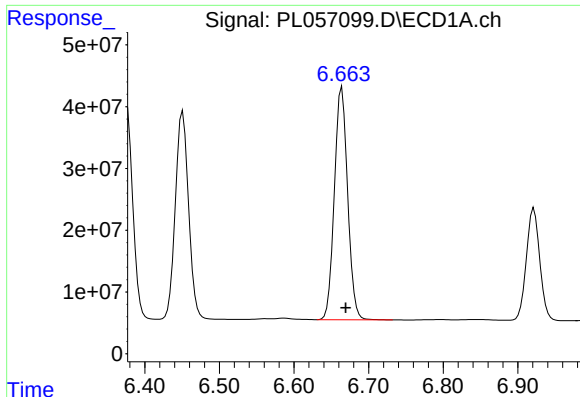
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: -0.005 min
Response: 414177937
Conc: 46.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 111234390
Conc: 48.00 ng/ml



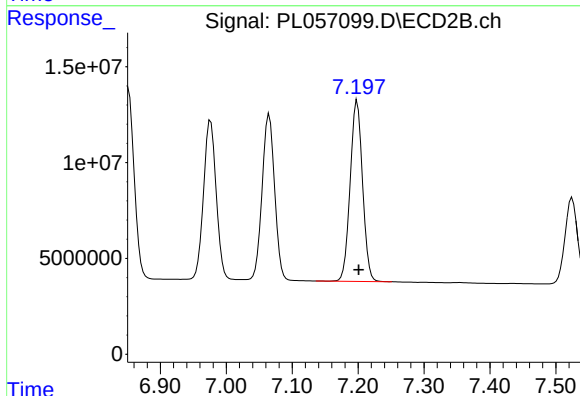
#19 Endosulfan Sulfate

R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 465740351
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

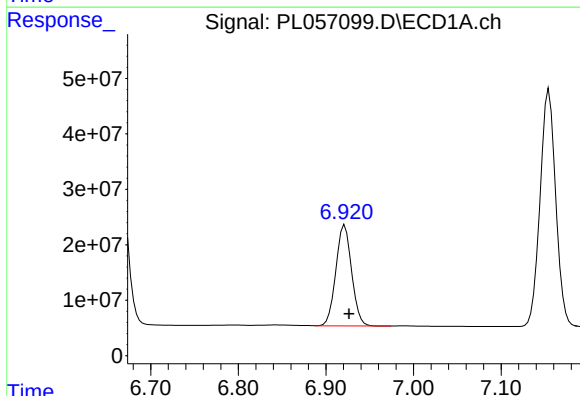
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



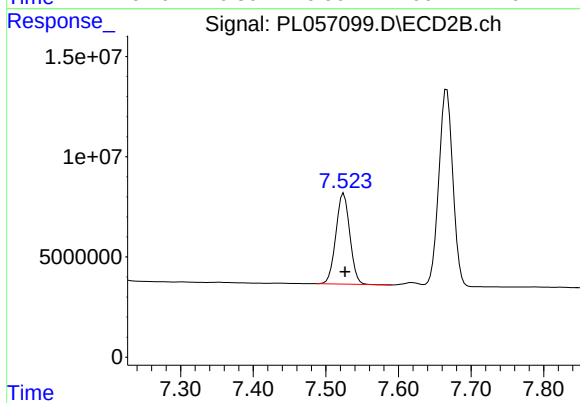
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 123319496
Conc: 49.17 ng/ml



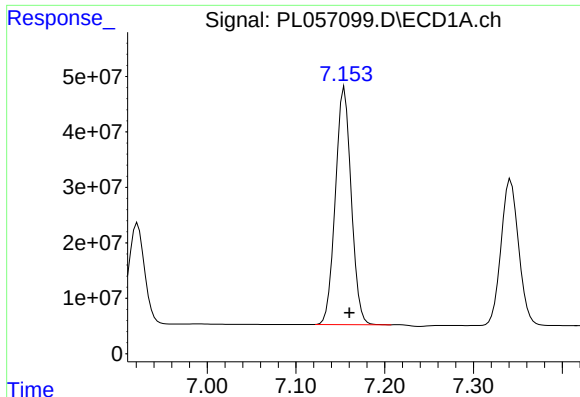
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 227534924
Conc: 45.63 ng/ml



#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 60419518
Conc: 48.36 ng/ml



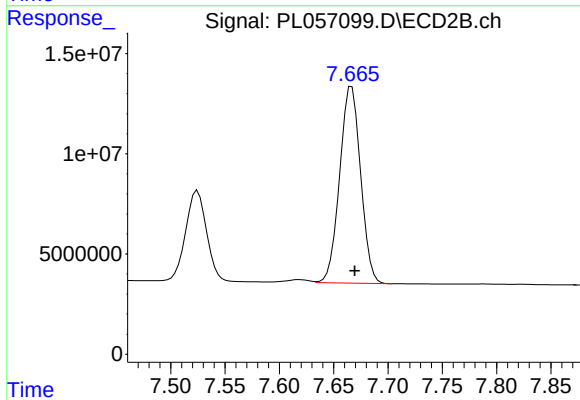
#21 Endrin ketone

R.T.: 7.155 min
Delta R.T.: -0.006 min
Response: 530347898
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

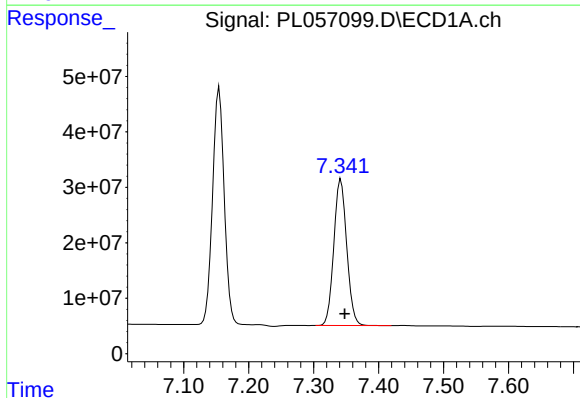
Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



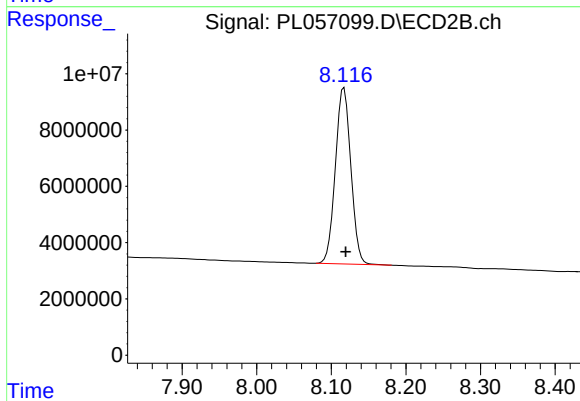
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 131883324
Conc: 48.13 ng/ml m



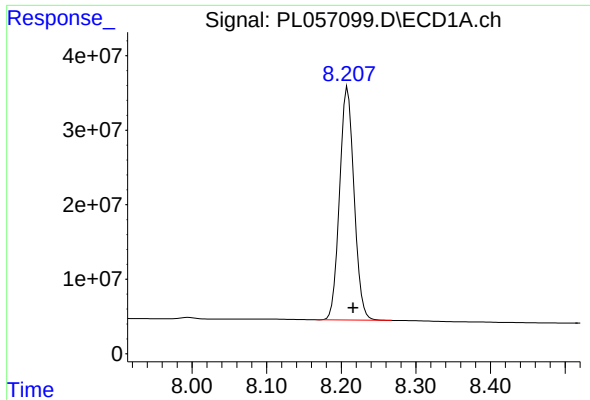
#22 Mirex

R.T.: 7.342 min
Delta R.T.: -0.006 min
Response: 363678141
Conc: 44.88 ng/ml



#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 90423281
Conc: 47.17 ng/ml



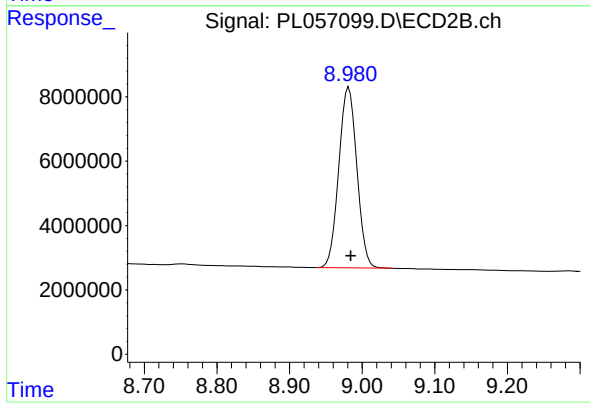
#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: -0.007 min
Response: 421552771
Conc: 43.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
3/6/2020 11:37:13 AM



#28 Decachlorobiphenyl

R.T.: 8.982 min
Delta R.T.: -0.003 min
Response: 97119829
Conc: 45.71 ng/ml