

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
 Data File : PL057138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2020 19:37
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:18:08 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 03:01:36 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...	3.461	3.959	438.6E6	109.0E6	51.466	51.082
28)	SA Decachlor...	8.209	8.986	417.0E6	96965992	43.141m	45.637
Target Compounds							
2)	A alpha-BHC	3.898	4.347	769.9E6	164.8E6	51.949	52.169
3)	MA gamma-BHC...	4.182	4.629	718.8E6	160.2E6	52.312	51.541
4)	MA Heptachlor	4.482	5.132	678.8E6	155.3E6	49.971	49.898
5)	MB Aldrin	4.730	5.434	666.3E6	153.2E6	51.597	51.257
6)	B beta-BHC	4.433	4.802	273.8E6	72278475	51.685	51.284
7)	B delta-BHC	4.637	5.017	699.6E6	130.5E6	53.628	53.579
8)	B Heptachlo...	5.173	5.819	614.4E6	141.4E6	50.778	51.014
9)	A Endosulfan I	5.512	6.173	569.0E6	138.2E6	50.196	49.481
10)	B gamma-Chl...	5.400	6.053	625.3E6	151.4E6	50.347	50.578
11)	B alpha-Chl...	5.458	6.124	618.8E6	151.6E6	50.364	50.304
12)	B 4,4'-DDE	5.622	6.283	590.7E6	138.6E6	50.408	48.834
13)	MA Dieldrin	5.755	6.429	612.0E6	143.8E6	50.053	48.865
14)	MA Endrin	6.011	6.646	526.2E6	118.3E6	48.370	45.866
15)	B Endosulfa...	6.285	6.856	513.7E6	120.8E6	47.562	43.054
16)	A 4,4'-DDD	6.138	6.772	487.4E6	112.4E6	50.353	46.132
17)	MA 4,4'-DDT	6.377	7.069	454.4E6	105.6E6	46.442	42.934
18)	B Endrin al...	6.453	6.980	418.9E6	103.7E6	46.819	44.752
19)	B Endosulfa...	6.666	7.203	461.3E6	112.9E6	46.189	45.009
20)	A Methoxychlor	6.923	7.528	217.4E6	56609123	43.598	45.312
21)	B Endrin ke...	7.157	7.671	509.2E6	121.8E6	45.093	44.454
22)	Mirex	7.345	8.121	350.0E6	84655633	43.192	44.157

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
Data File : PL057138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2020 19:37
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

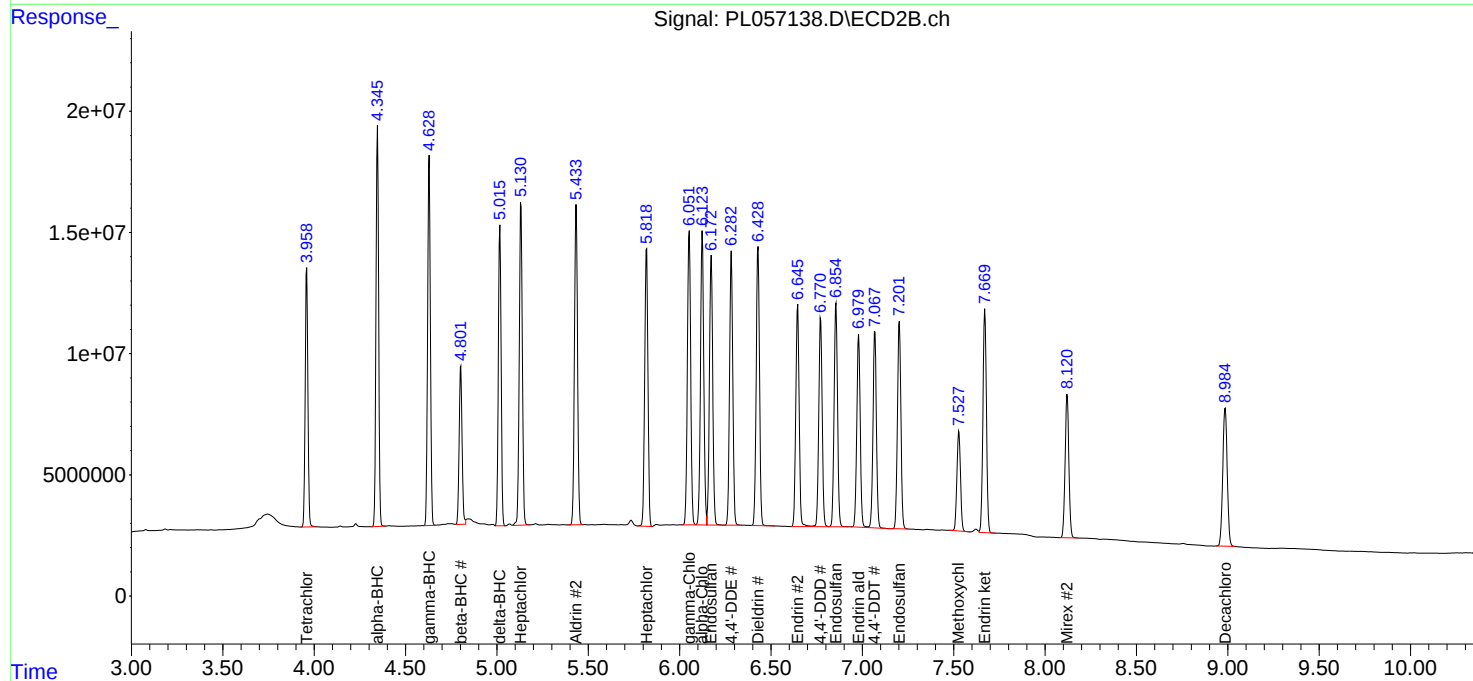
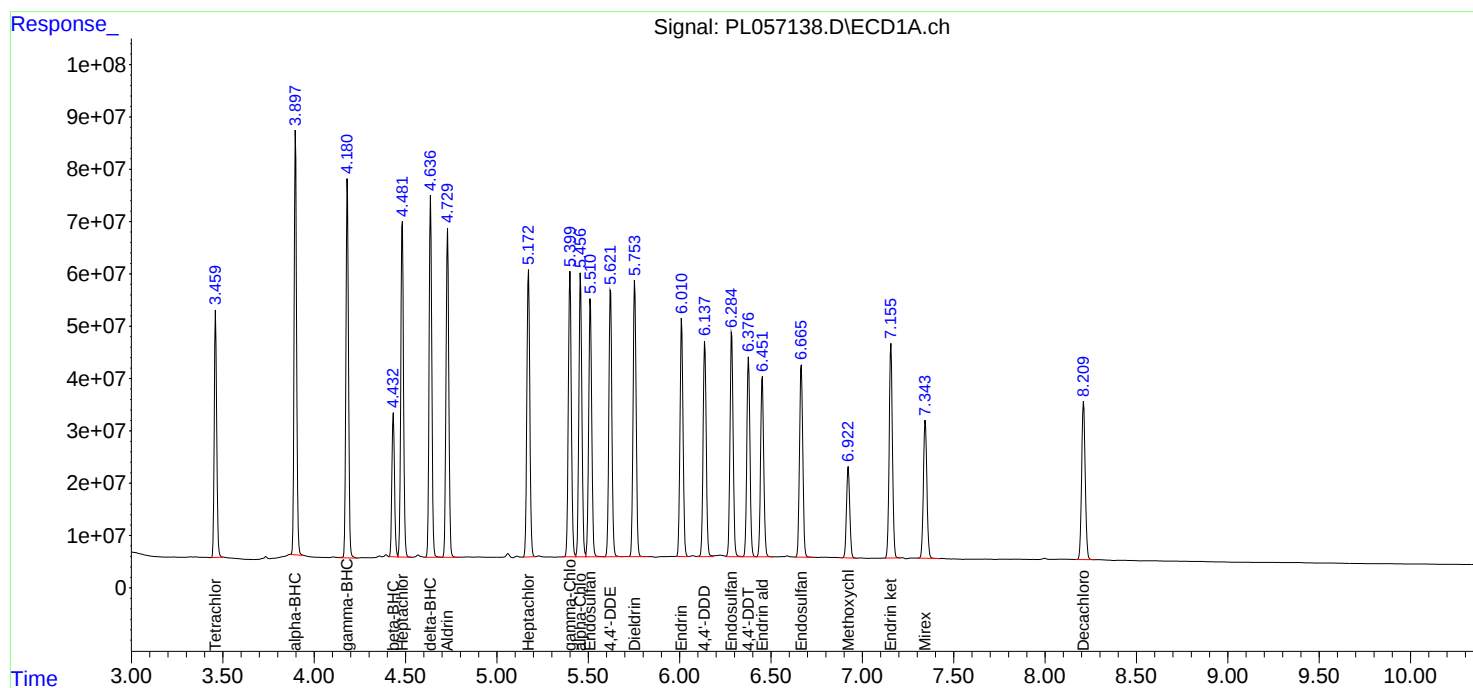
Instrument :
ECD_L
ClientSampled :
PSTDCCC050

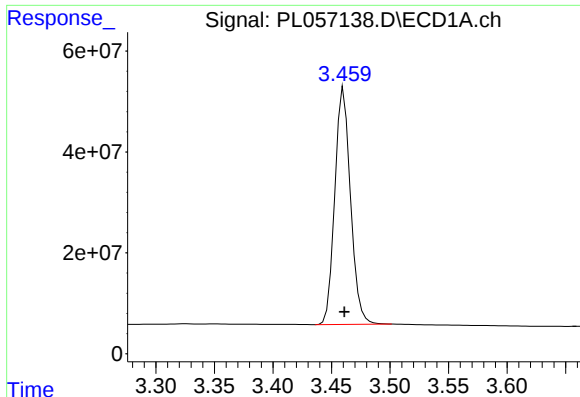
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 03:01:36 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





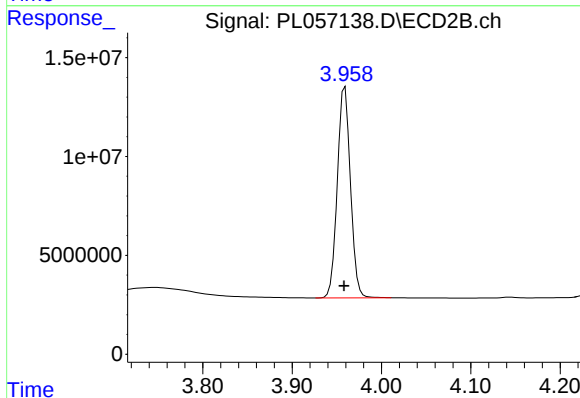
#1 Tetrachloro-m-xylene

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 438605434
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

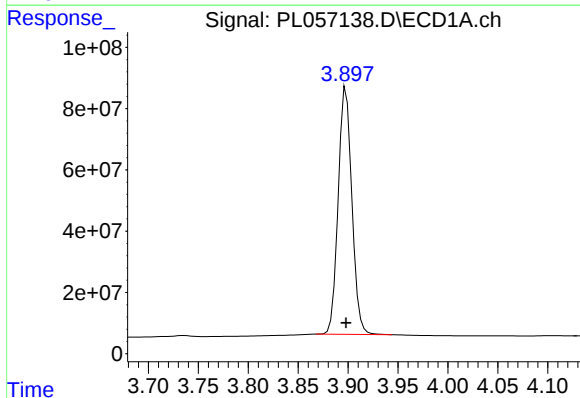
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



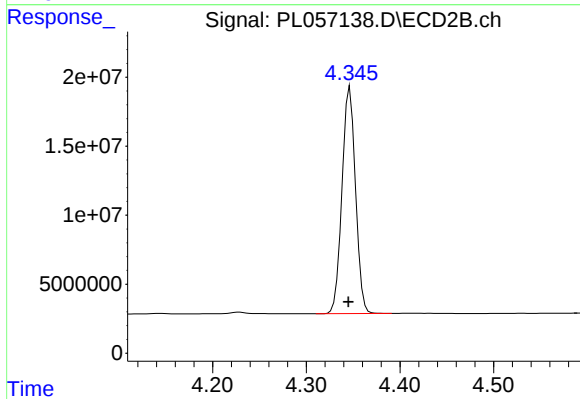
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.001 min
Response: 108984519
Conc: 51.08 ng/ml



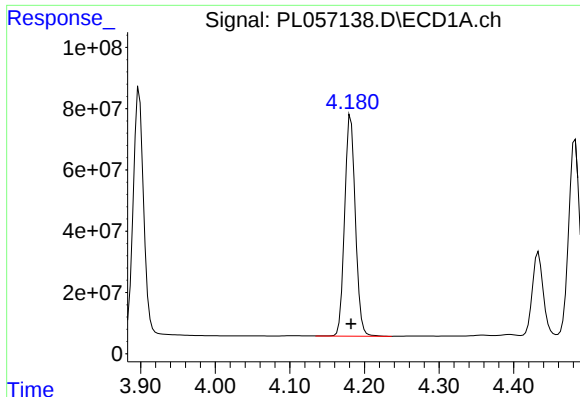
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 769876241
Conc: 51.95 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: 0.002 min
Response: 164799256
Conc: 52.17 ng/ml



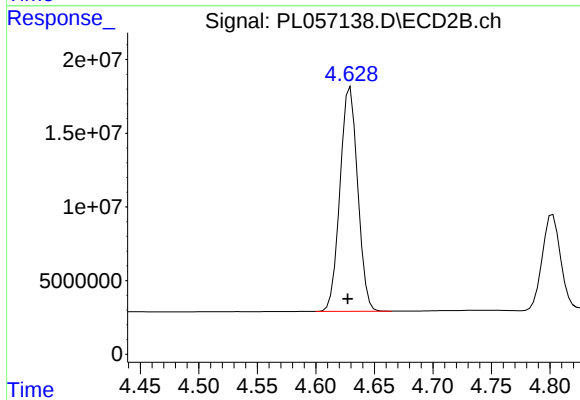
#3 gamma-BHC (Lindane)

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 718798889
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

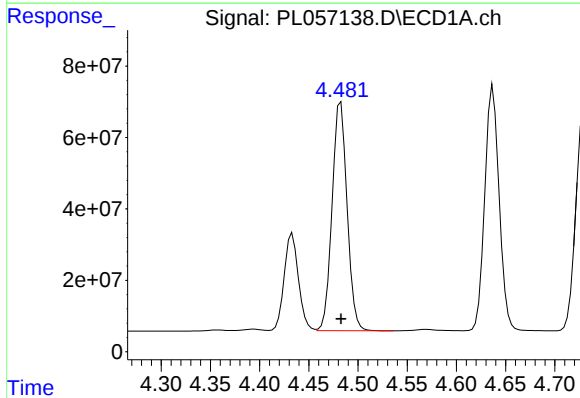
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



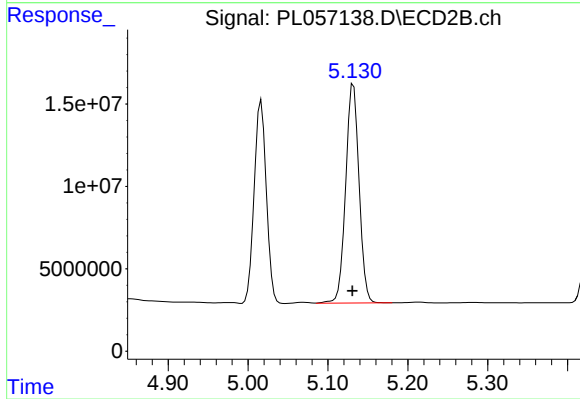
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.002 min
Response: 160228470
Conc: 51.54 ng/ml



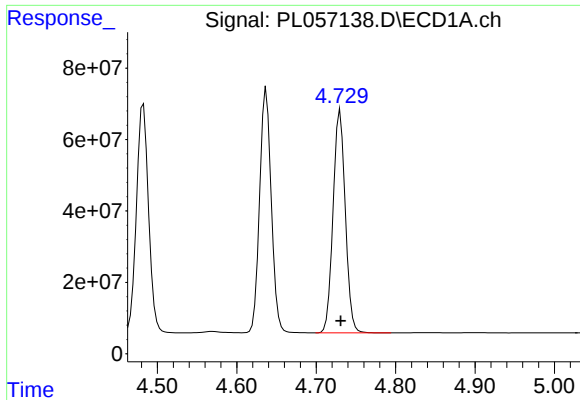
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 678801862
Conc: 49.97 ng/ml



#4 Heptachlor

R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 155301900
Conc: 49.90 ng/ml



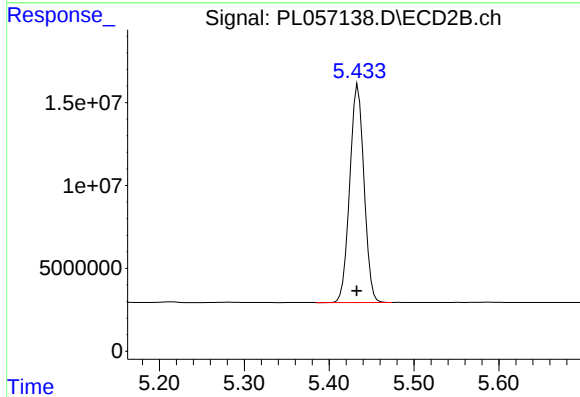
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 666261832
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

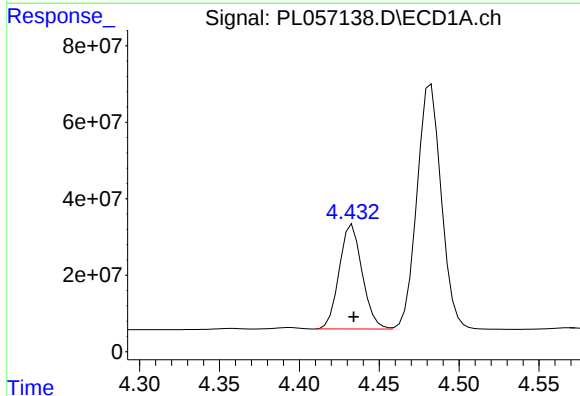
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



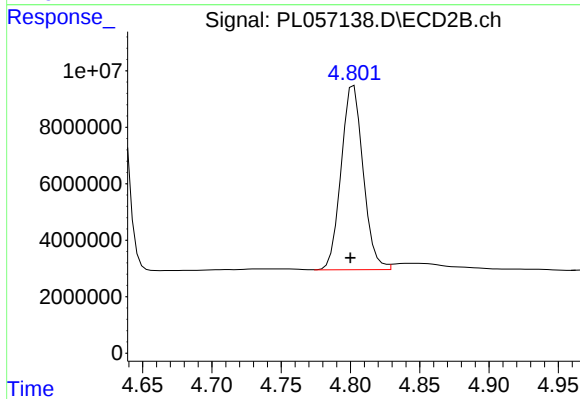
#5 Aldrin

R.T.: 5.434 min
Delta R.T.: 0.002 min
Response: 153217244
Conc: 51.26 ng/ml



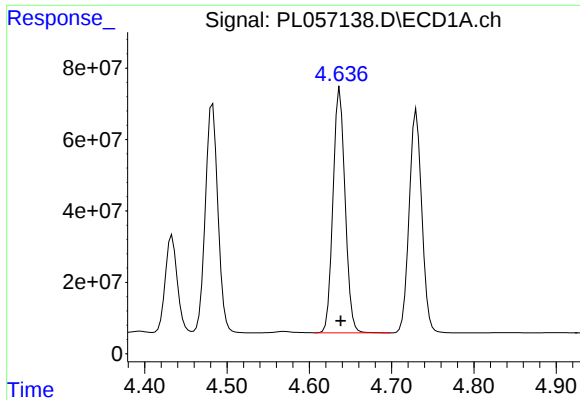
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 273785221
Conc: 51.68 ng/ml



#6 beta-BHC

R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 72278475
Conc: 51.28 ng/ml



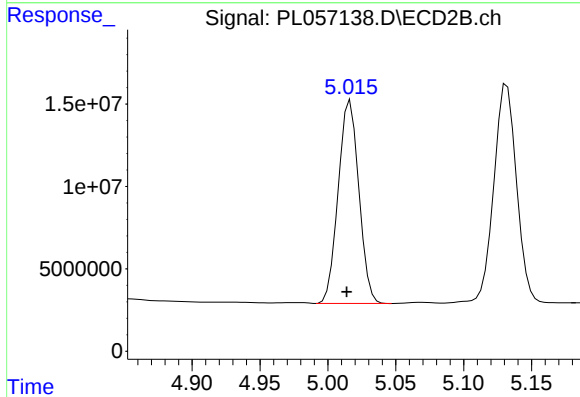
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 699636775
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

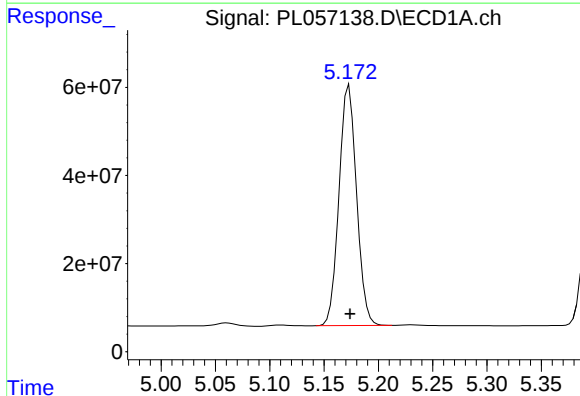
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



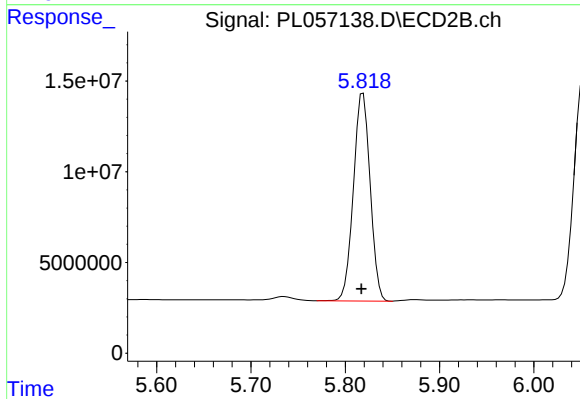
#7 delta-BHC

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 130454772
Conc: 53.58 ng/ml



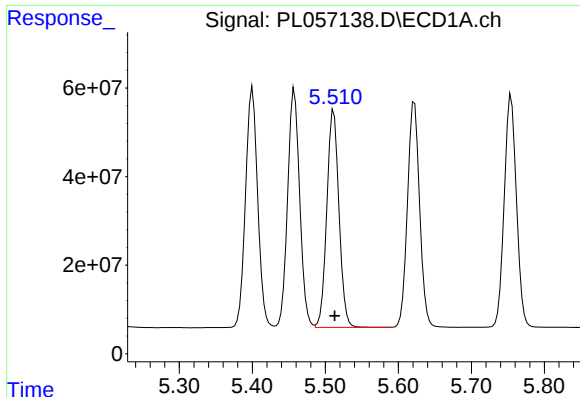
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 614415784
Conc: 50.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 141363421
Conc: 51.01 ng/ml



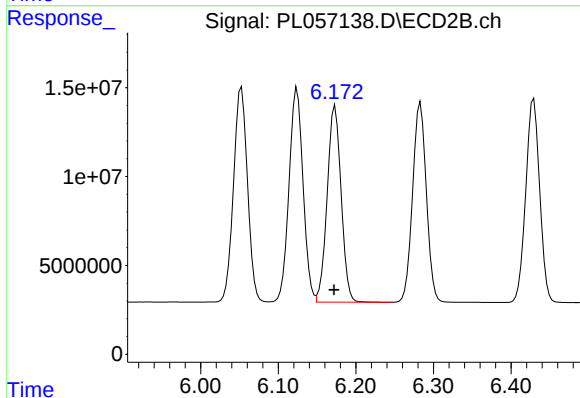
#9 Endosulfan I

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 569021996
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

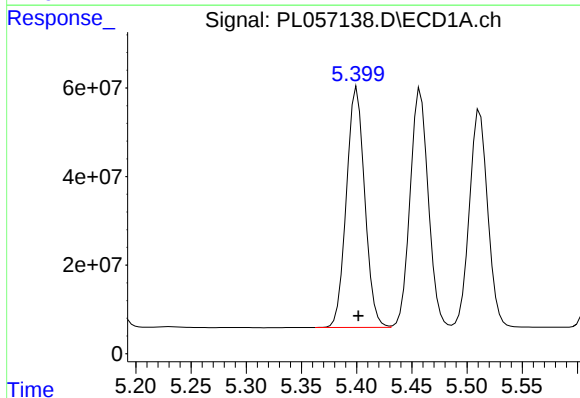
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



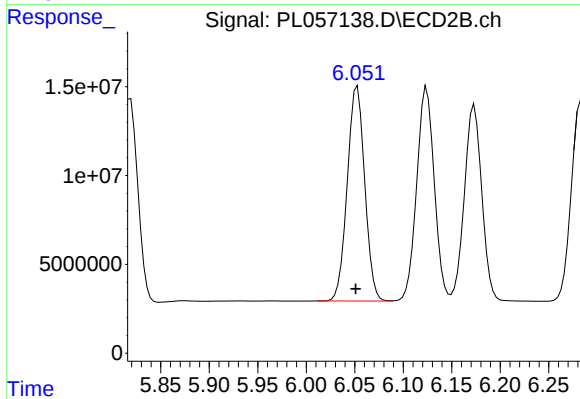
#9 Endosulfan I

R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 138220136
Conc: 49.48 ng/ml



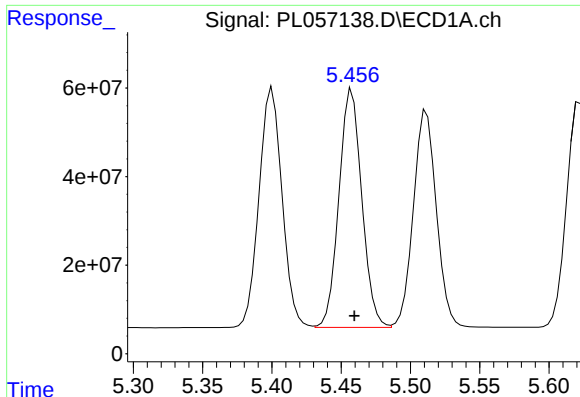
#10 gamma-Chlordane

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 625347395
Conc: 50.35 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.002 min
Response: 151411403
Conc: 50.58 ng/ml



#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 618780615
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM

#11 alpha-Chlordane

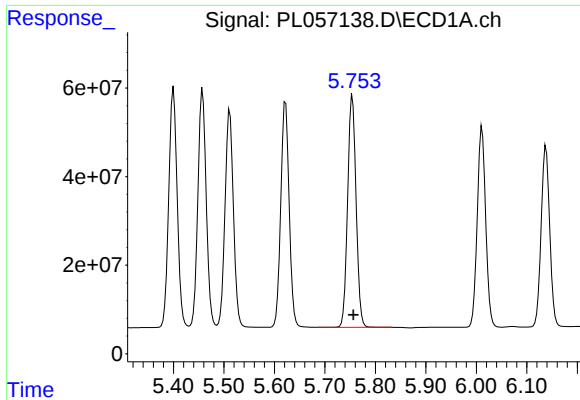
R.T.: 6.124 min
Delta R.T.: 0.001 min
Response: 151639144
Conc: 50.30 ng/ml

#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 590671803
Conc: 50.41 ng/ml

#12 4,4'-DDE

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 138586095
Conc: 48.83 ng/ml



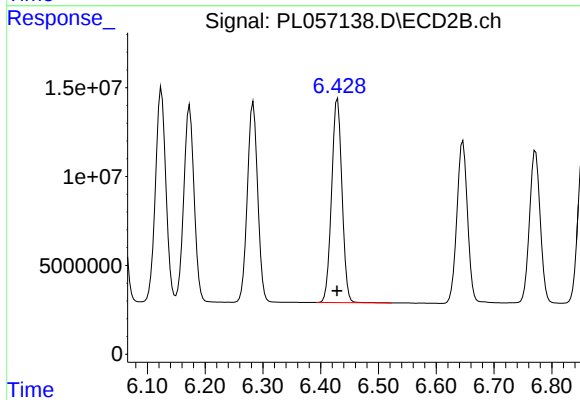
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 611980064
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

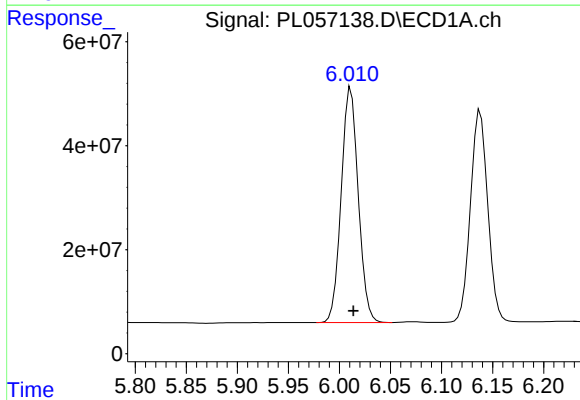
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



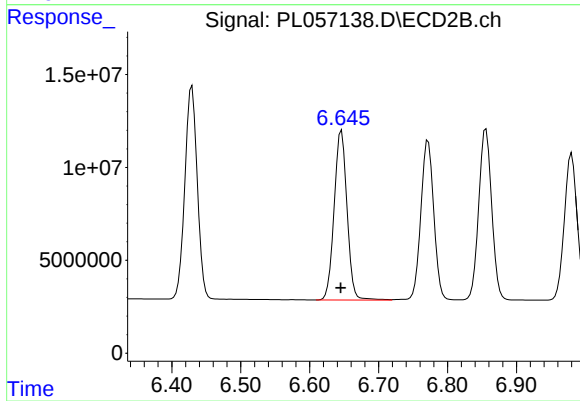
#13 Dieldrin

R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 143821464
Conc: 48.86 ng/ml



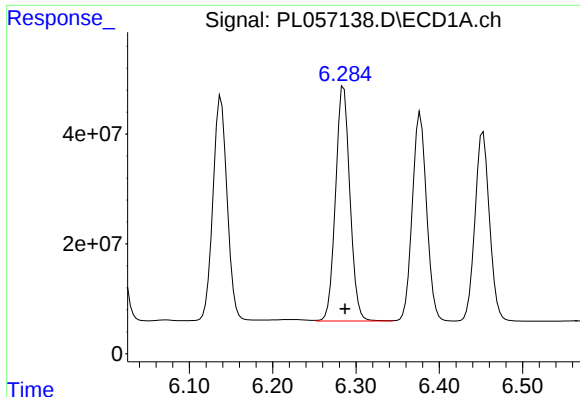
#14 Endrin

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 526242616
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 118278970
Conc: 45.87 ng/ml



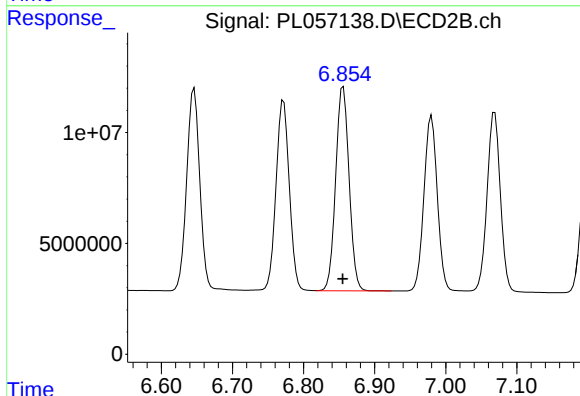
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 513651867
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

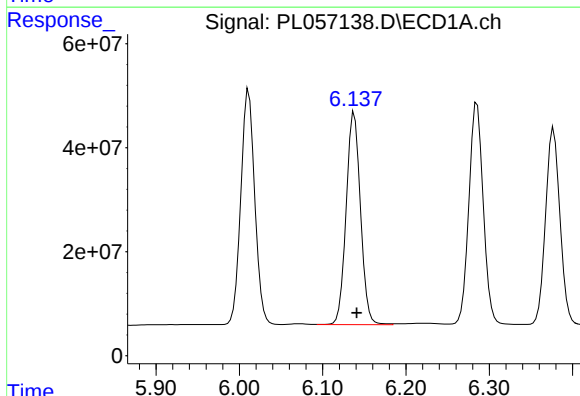
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



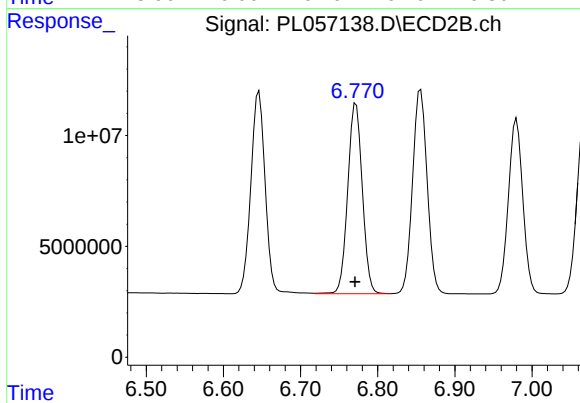
#15 Endosulfan II

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 120813101
Conc: 43.05 ng/ml



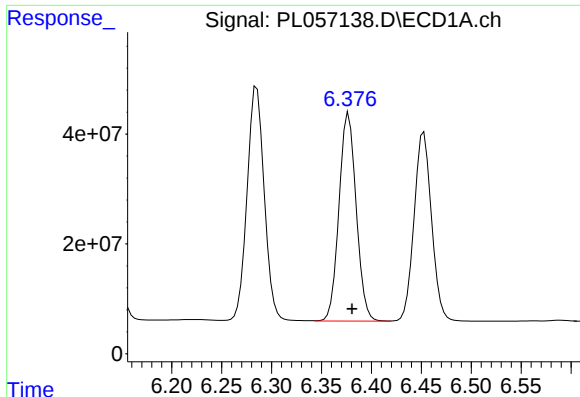
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 487449191
Conc: 50.35 ng/ml



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 112377603
Conc: 46.13 ng/ml



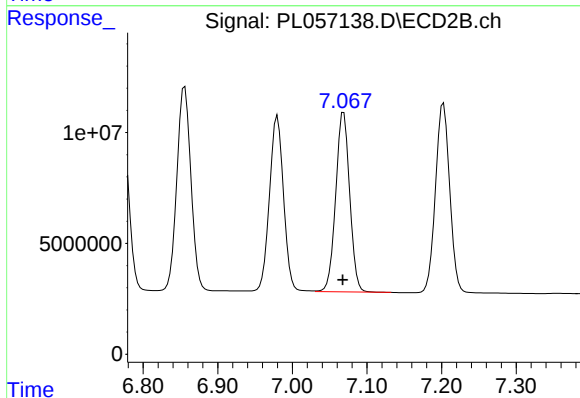
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 454448640
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

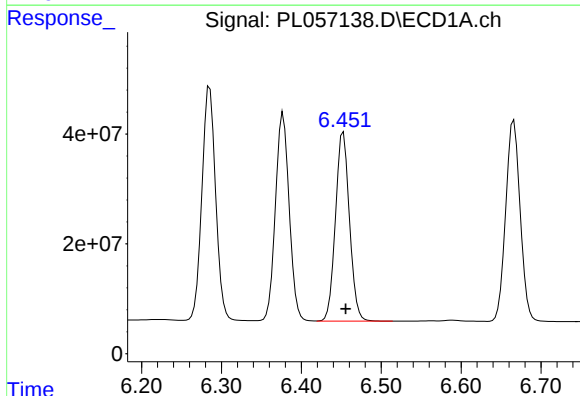
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



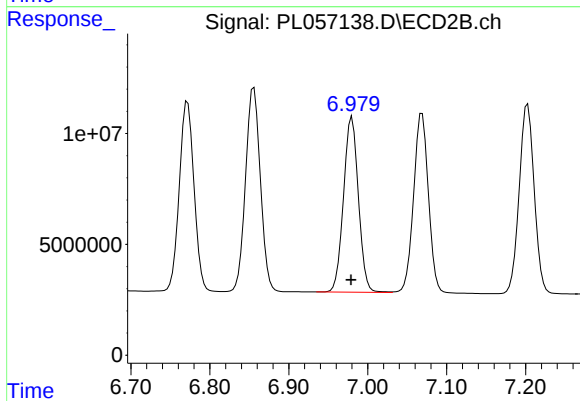
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.001 min
Response: 105615361
Conc: 42.93 ng/ml



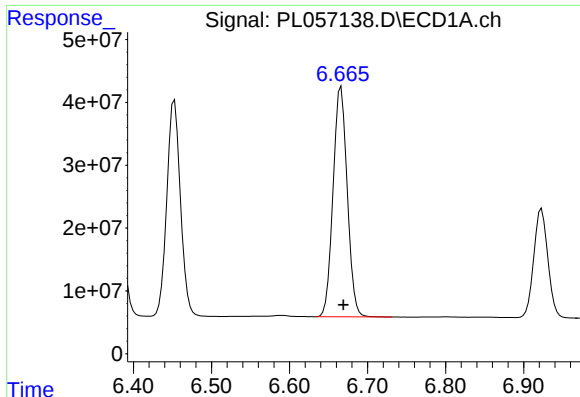
#18 Endrin aldehyde

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 418852680
Conc: 46.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: 0.001 min
Response: 103703153
Conc: 44.75 ng/ml



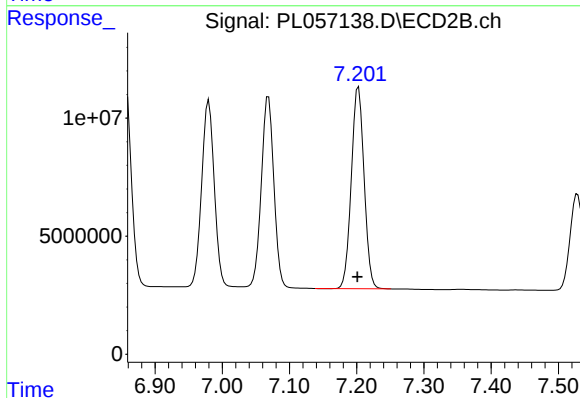
#19 Endosulfan Sulfate

R.T.: 6.666 min
Delta R.T.: -0.003 min
Response: 461298198
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

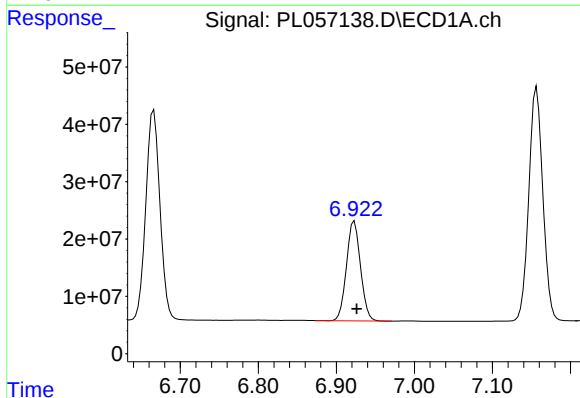
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



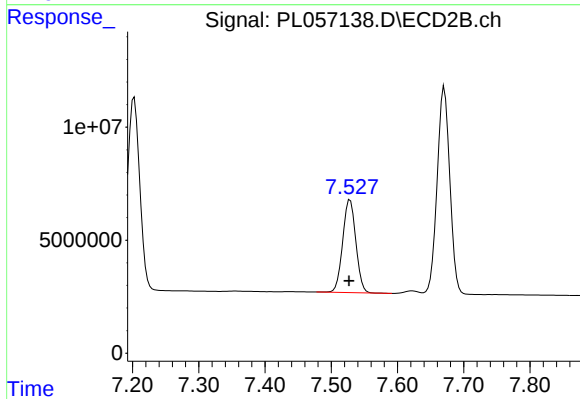
#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 112877851
Conc: 45.01 ng/ml



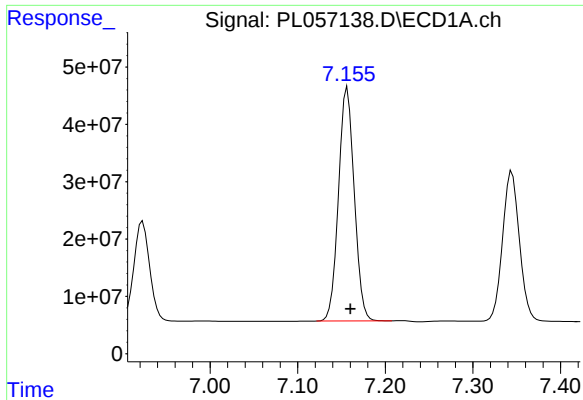
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 217385998
Conc: 43.60 ng/ml



#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.002 min
Response: 56609123
Conc: 45.31 ng/ml



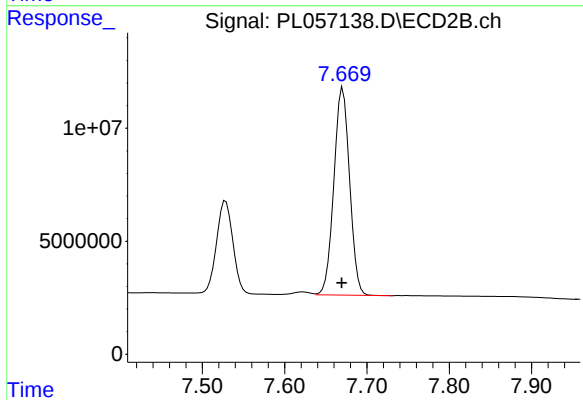
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: -0.004 min
Response: 509222312
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

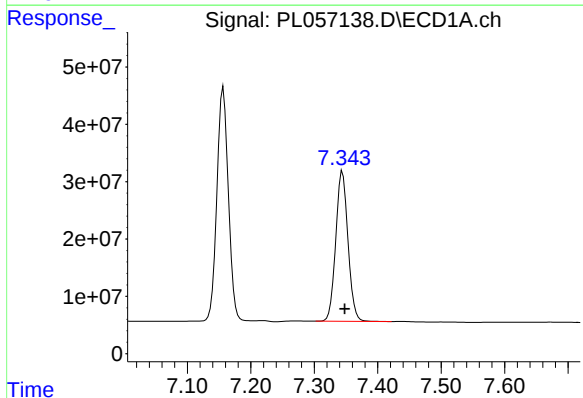
Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



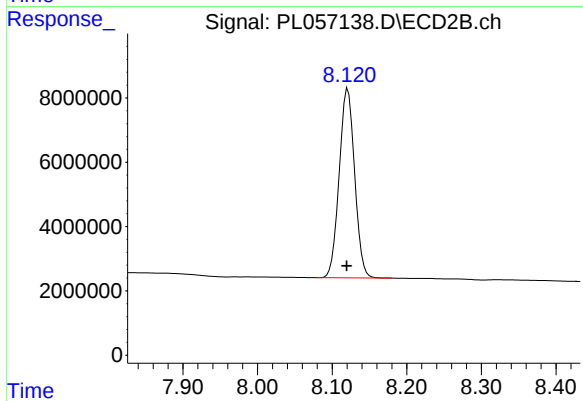
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.001 min
Response: 121822114
Conc: 44.45 ng/ml



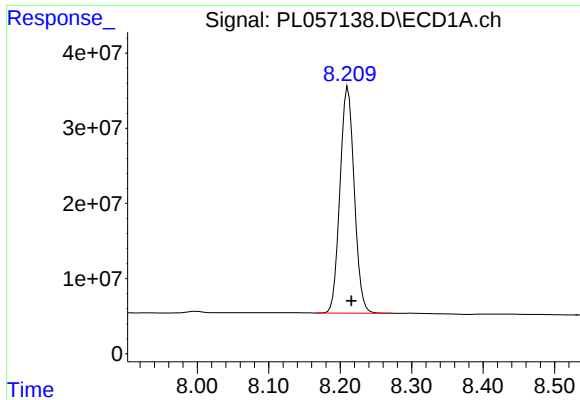
#22 Mirex

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 350002224
Conc: 43.19 ng/ml



#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.002 min
Response: 84655633
Conc: 44.16 ng/ml



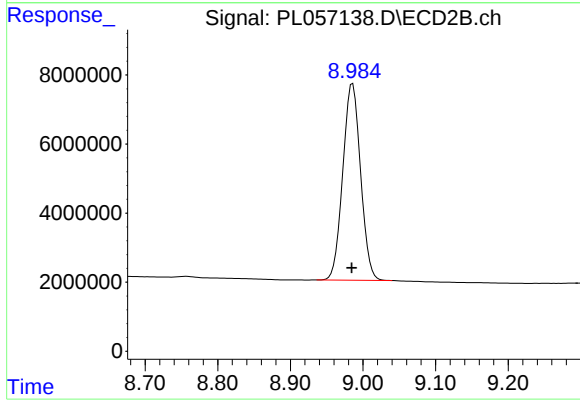
#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: -0.006 min
Response: 416963615
Conc: 43.14 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
3/9/2020 3:18:08 PM



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.001 min
Response: 96965992
Conc: 45.64 ng/ml