

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
 Data File : PL057119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2020 14:13
 Operator : AJ\MA
 Sample : L1364-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:17:29 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 02:57:52 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	3.959	185.7E6	48404271	21.787	22.688
2)	SA Decachlor...	8.212	8.986	202.6E6	40827516	20.963	19.215
Target Compounds							
2)	A alpha-BHC	3.898	4.347	710.6E6	178.5E6	47.952	56.499
3)	MA gamma-BHC...	4.182	4.630	661.5E6	161.9E6	48.142	52.087
4)	MA Heptachlor	4.482	5.131	662.7E6	164.0E6	48.785	52.704m
5)	MB Aldrin	4.730	5.434	613.4E6	156.1E6	47.501	52.221
6)	B beta-BHC	4.434	4.803	274.3E6	76208810	51.779	54.073
7)	B delta-BHC	4.638	5.017	627.7E6	120.3E6	48.116	49.426
8)	B Heptachlo...	5.173	5.819	550.7E6	132.9E6	45.511	47.962
9)	A Endosulfan I	5.513	6.174	495.2E6	133.6E6	43.682	47.810
10)	B gamma-Chl...	5.401	6.053	562.8E6	144.0E6	45.309	48.104
11)	B alpha-Chl...	5.458	6.125	536.0E6	144.9E6	43.627	48.055
12)	B 4,4'-DDE	5.622	6.283	521.4E6	135.4E6	44.495	47.704
13)	MA Dieldrin	5.755	6.428	562.4E6	140.7E6	45.997	47.801m
14)	MA Endrin	6.011	6.646	468.8E6	123.5E6	43.094m	47.899
15)	B Endosulfa...	6.286	6.857	435.3E6	117.1E6	40.312	41.733
16)	A 4,4'-DDD	6.138	6.773	386.8E6	114.4E6	39.952	46.969
17)	MA 4,4'-DDT	6.378	7.070	432.6E6	112.0E6	44.212	45.534
18)	B Endrin al...	6.454	6.980	358.3E6	103.9E6	40.052	44.825
19)	B Endosulfa...	6.667	7.203	438.6E6	111.2E6	43.912	44.323
20)	A Methoxychlor	6.924	7.529	223.8E6	56327873	44.879	45.087
21)	B Endrin ke...	7.157	7.671	444.0E6	117.1E6	39.319	42.716
22)	Mirex	7.345	8.121	320.0E6	86577317	39.489	45.159

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030620\
Data File : PL057119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2020 14:13
Operator : AJ\MA
Sample : L1364-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

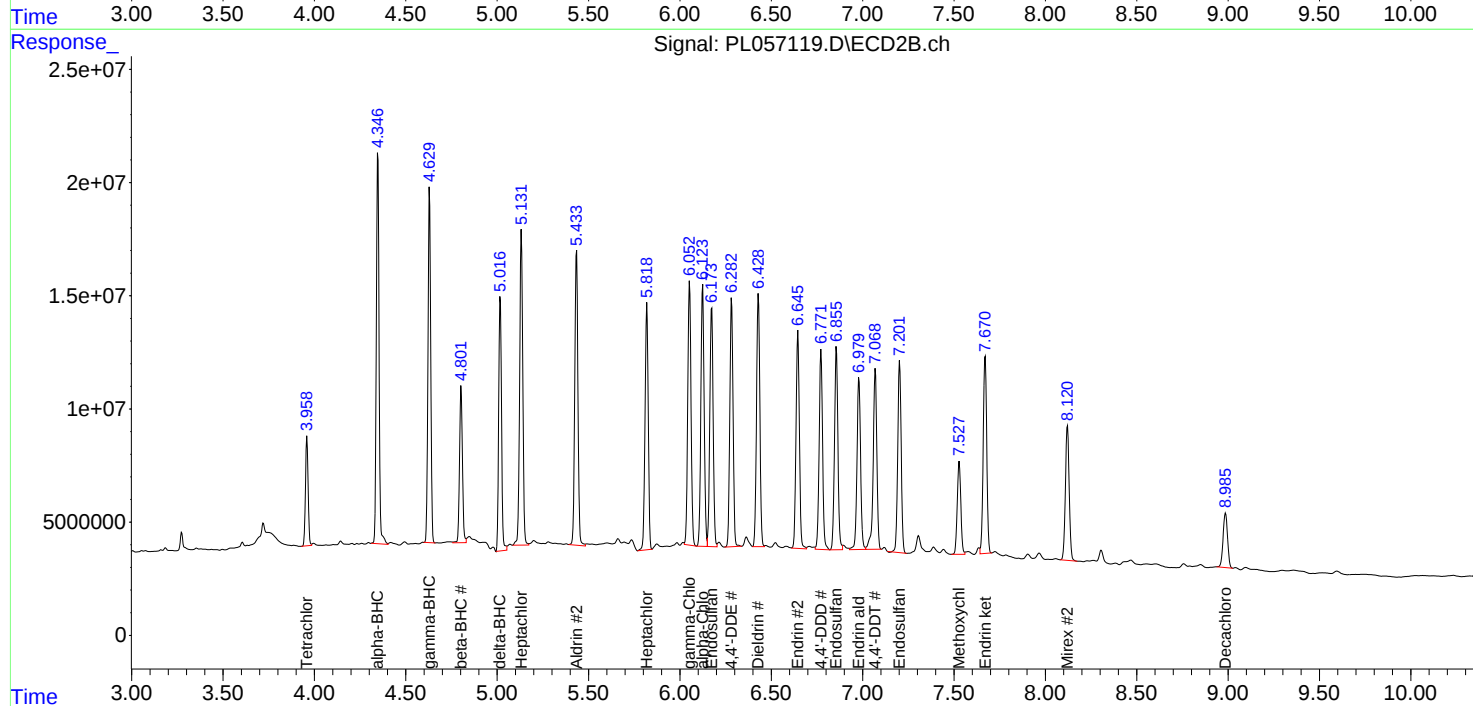
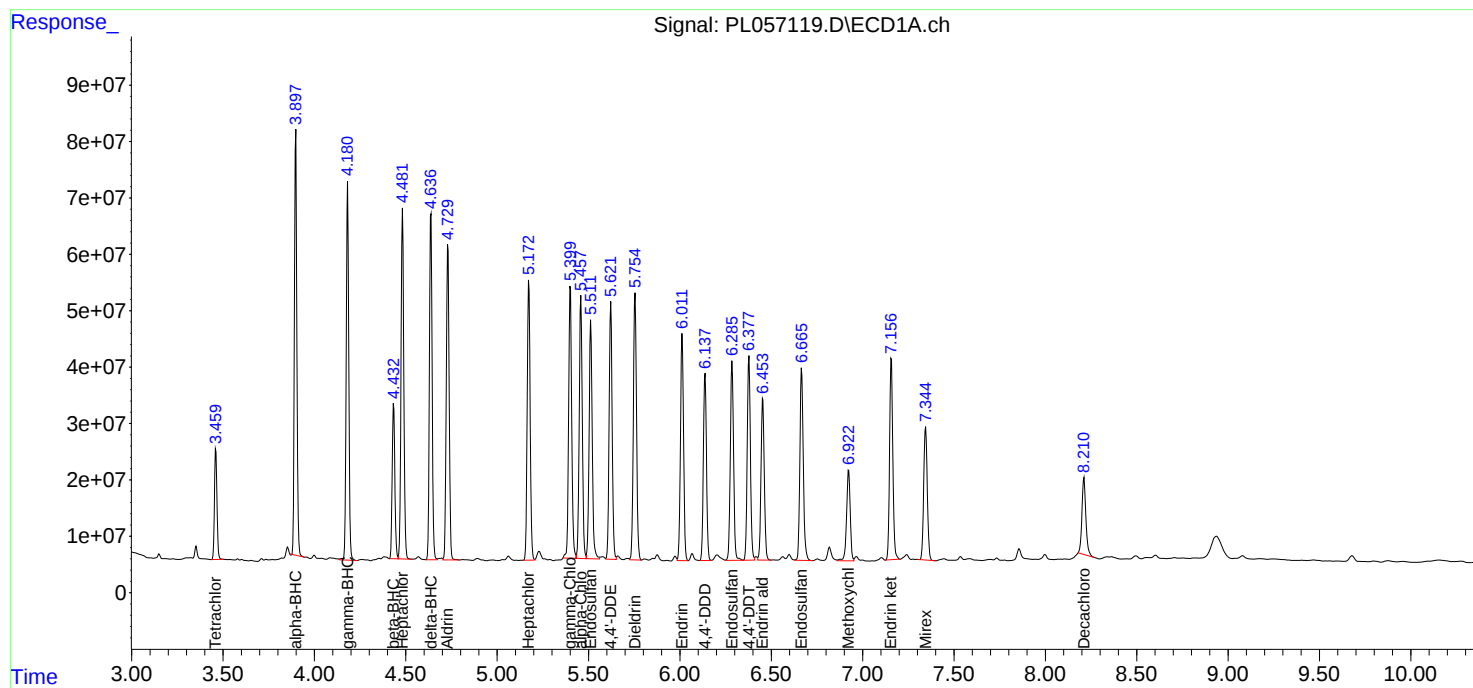
Instrument :
ECD_L
ClientSampled :
TP-1MS

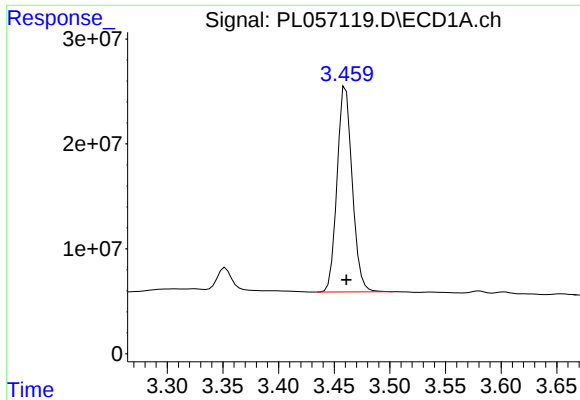
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 02:57:52 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





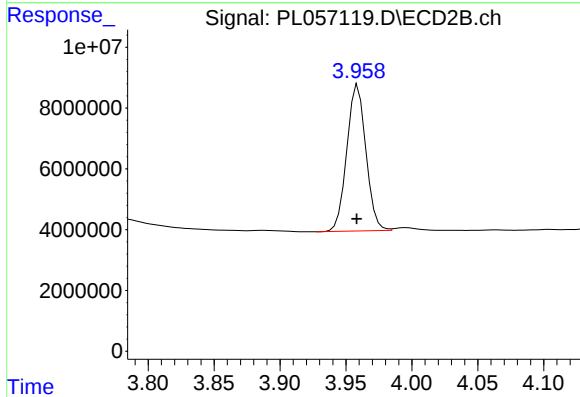
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 185671889
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

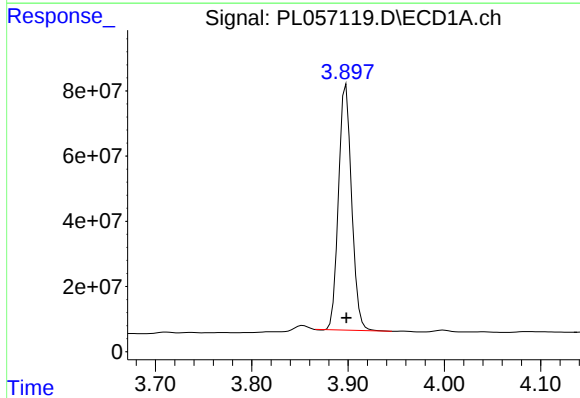
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



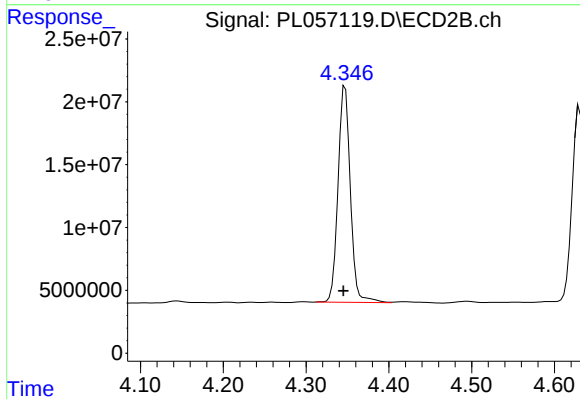
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.001 min
Response: 48404271
Conc: 22.69 ng/ml



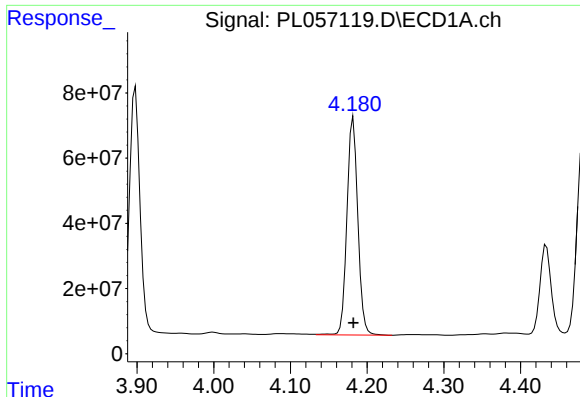
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 710642231
Conc: 47.95 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: 0.002 min
Response: 178477724
Conc: 56.50 ng/ml



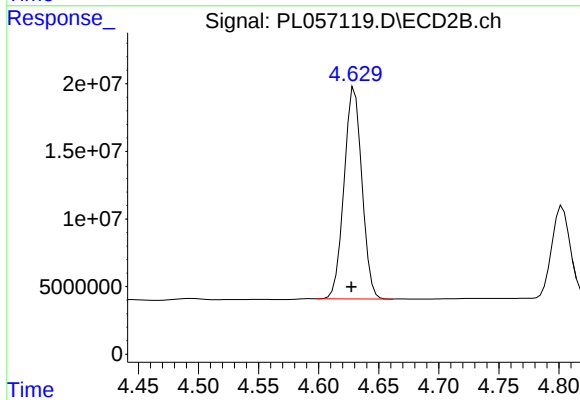
#3 gamma-BHC (Lindane)

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 661508128
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

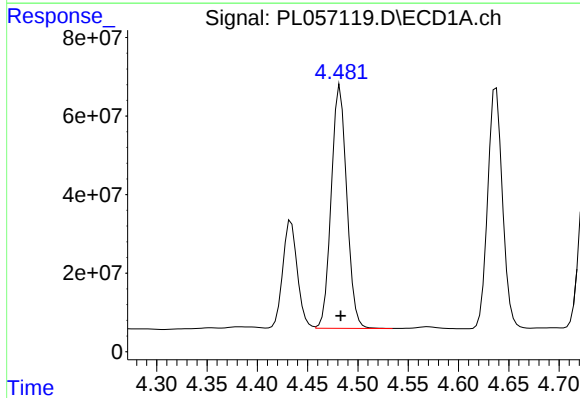
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



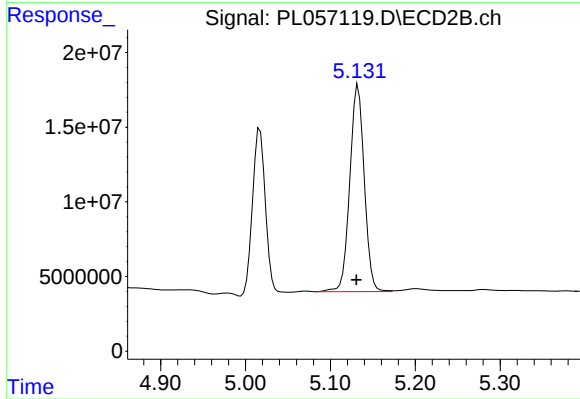
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 161924733
Conc: 52.09 ng/ml



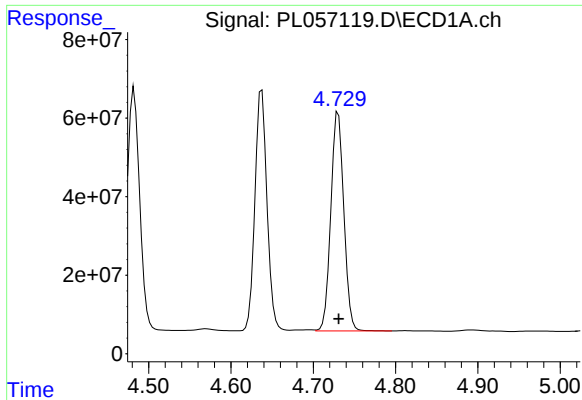
#4 Heptachlor

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 662692754
Conc: 48.78 ng/ml



#4 Heptachlor

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 164034503
Conc: 52.70 ng/ml m



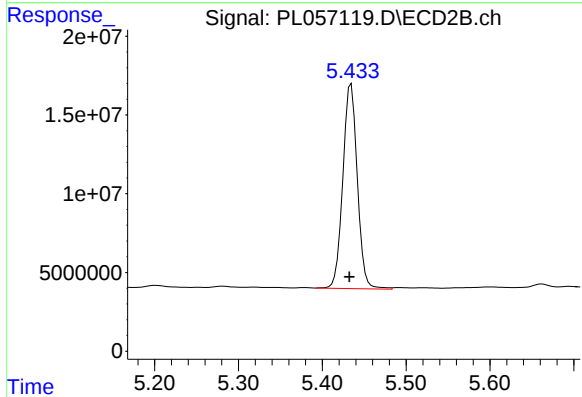
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 613362870
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

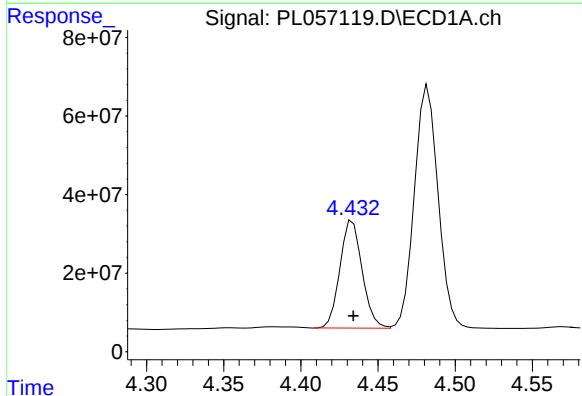
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



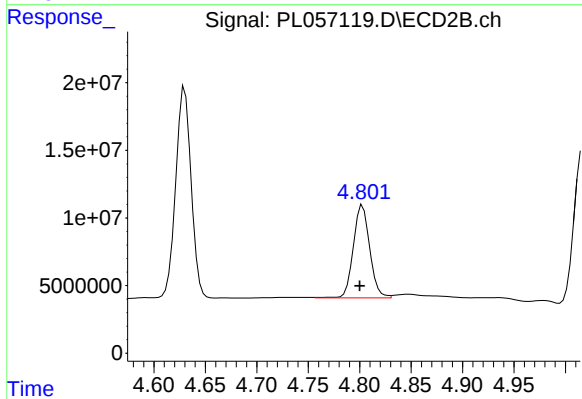
#5 Aldrin

R.T.: 5.434 min
Delta R.T.: 0.002 min
Response: 156099808
Conc: 52.22 ng/ml



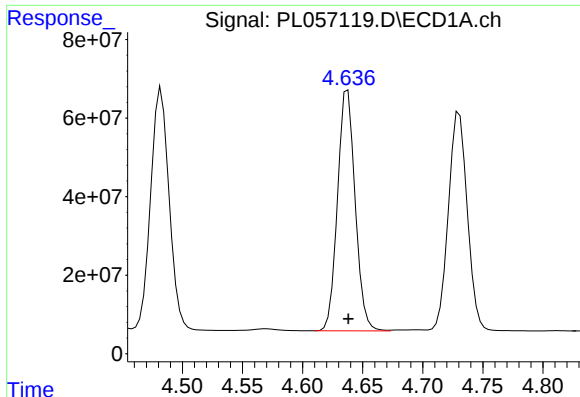
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 274283135
Conc: 51.78 ng/ml



#6 beta-BHC

R.T.: 4.803 min
Delta R.T.: 0.003 min
Response: 76208810
Conc: 54.07 ng/ml



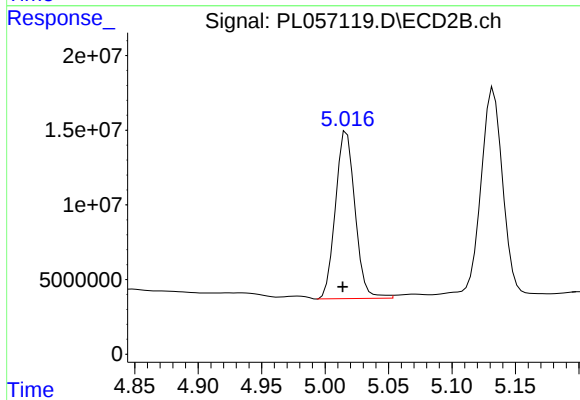
#7 delta-BHC

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 627731678
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

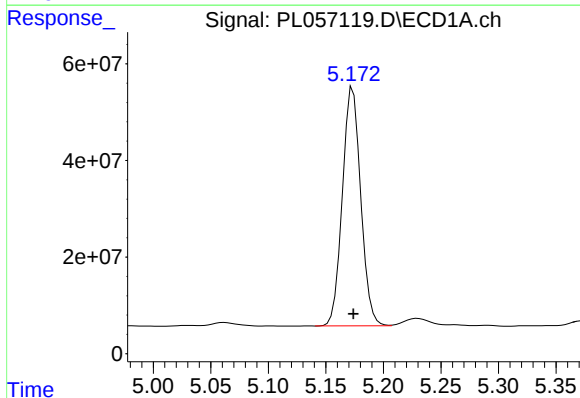
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



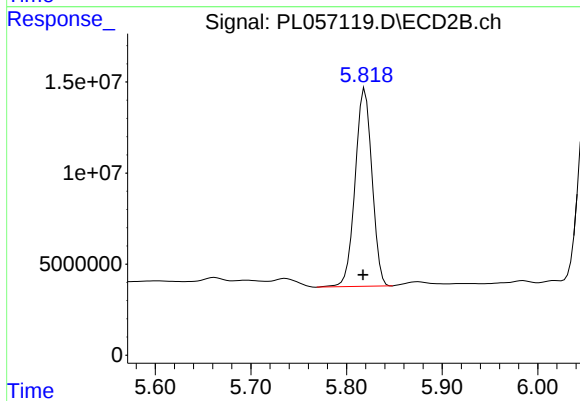
#7 delta-BHC

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 120342600
Conc: 49.43 ng/ml



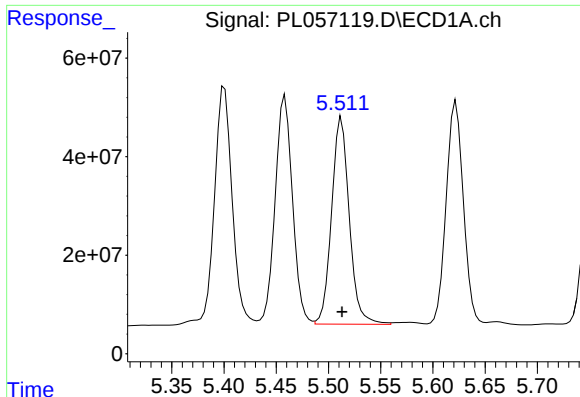
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 550678487
Conc: 45.51 ng/ml



#8 Heptachlor epoxide

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 132905728
Conc: 47.96 ng/ml



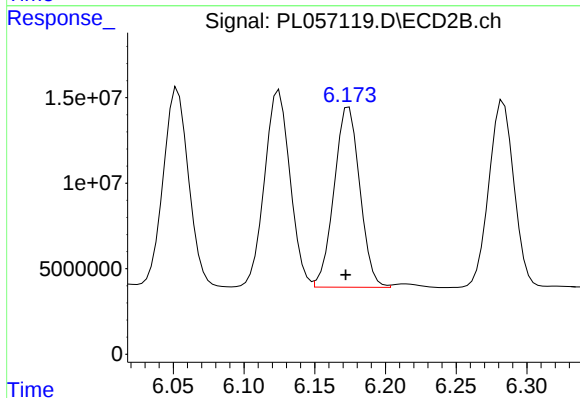
#9 Endosulfan I

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 495186178
Conc: 43.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

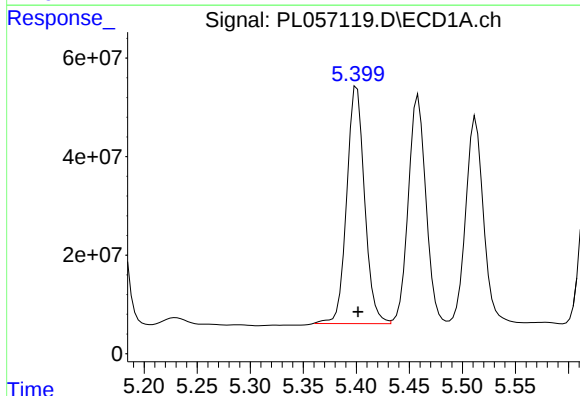
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



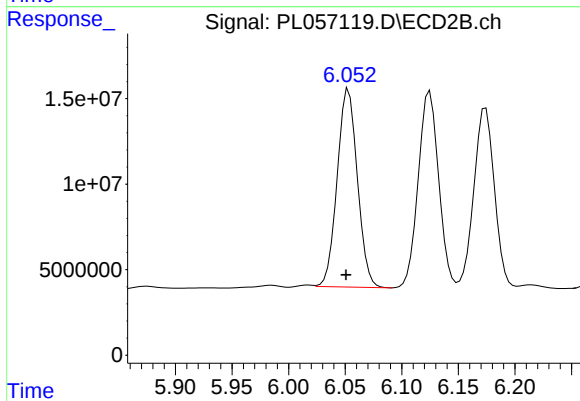
#9 Endosulfan I

R.T.: 6.174 min
Delta R.T.: 0.002 min
Response: 133554152
Conc: 47.81 ng/ml



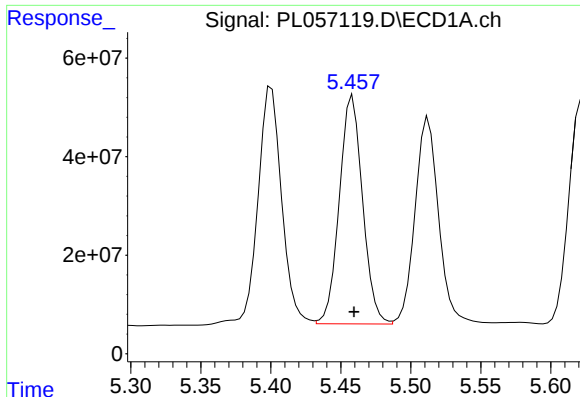
#10 gamma-Chlordane

R.T.: 5.401 min
Delta R.T.: -0.001 min
Response: 562765900
Conc: 45.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.002 min
Response: 144003891
Conc: 48.10 ng/ml



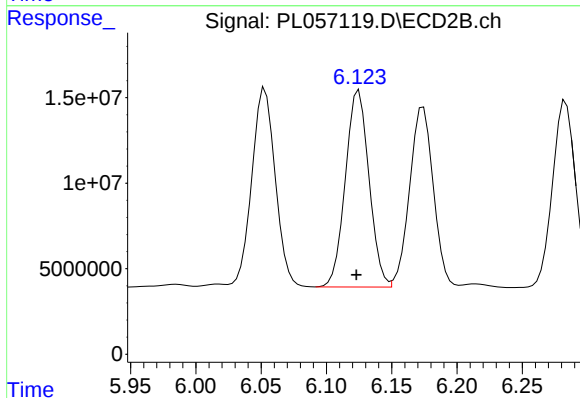
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 536009151
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

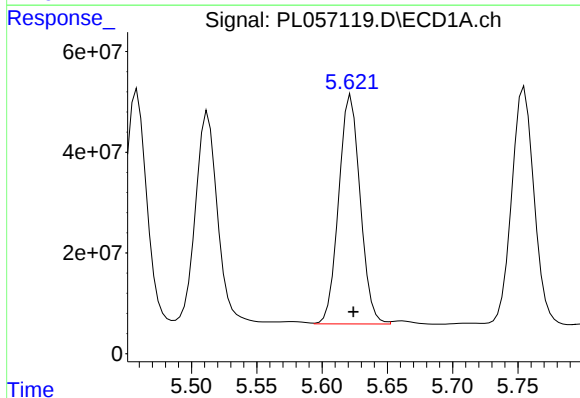
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



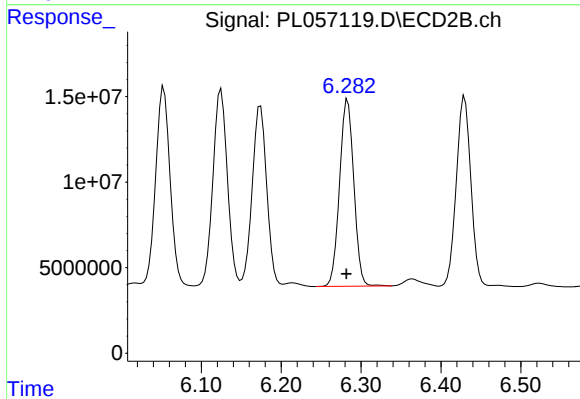
#11 alpha-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 144860331
Conc: 48.06 ng/ml



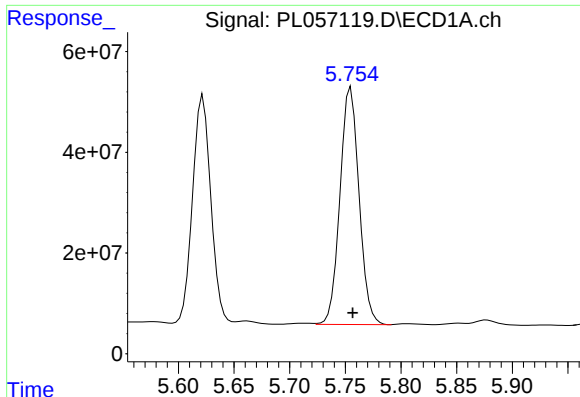
#12 4,4'-DDE

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 521381382
Conc: 44.49 ng/ml



#12 4,4'-DDE

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 135381627
Conc: 47.70 ng/ml



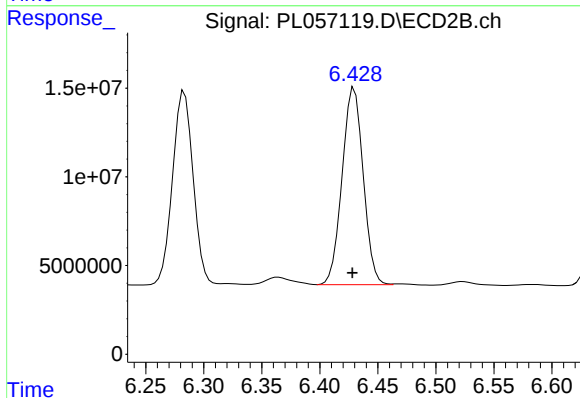
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 562390292
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

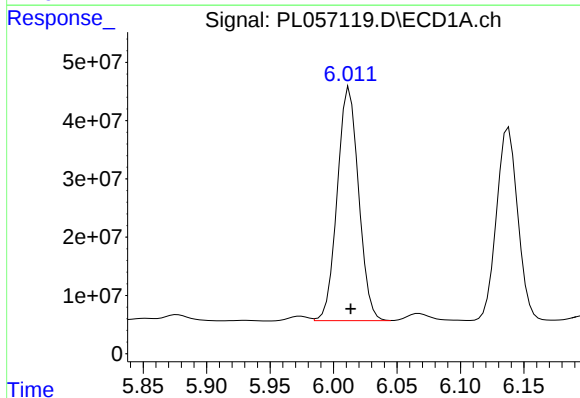
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



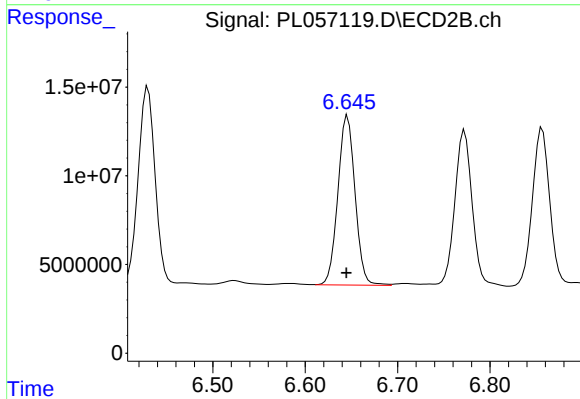
#13 Dieldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 140691108
Conc: 47.80 ng/ml m



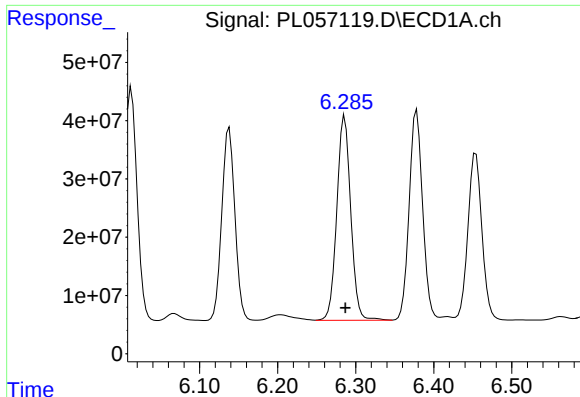
#14 Endrin

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 468845000
Conc: 43.09 ng/ml m



#14 Endrin

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 123522362
Conc: 47.90 ng/ml



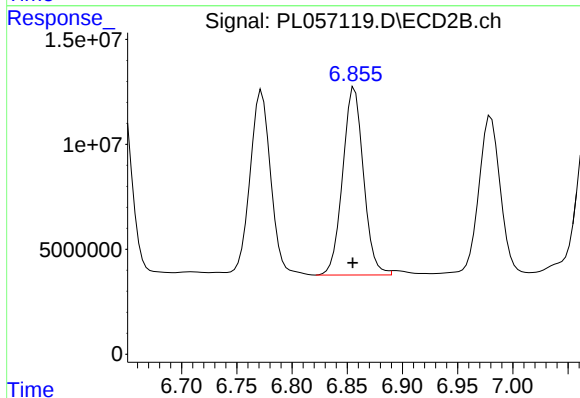
#15 Endosulfan II

R.T.: 6.286 min
Delta R.T.: -0.001 min
Response: 435345714
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

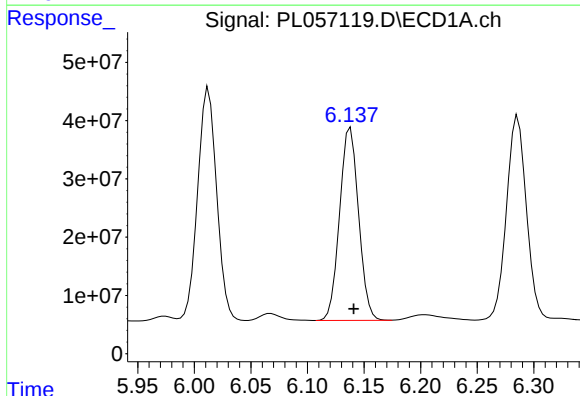
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



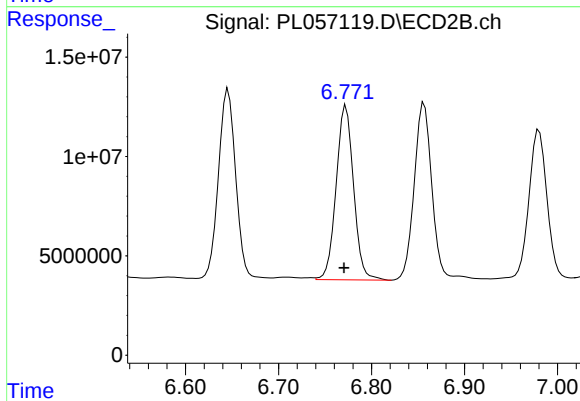
#15 Endosulfan II

R.T.: 6.857 min
Delta R.T.: 0.002 min
Response: 117106125
Conc: 41.73 ng/ml



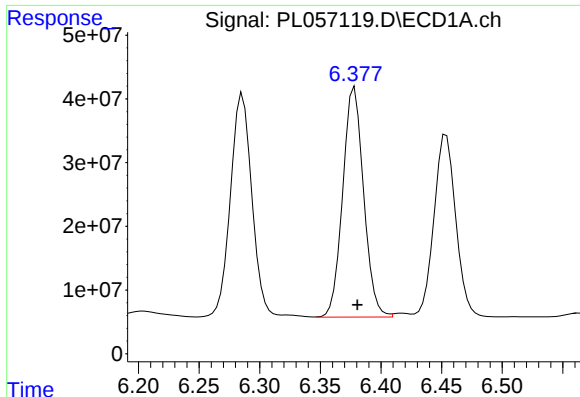
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 386758626
Conc: 39.95 ng/ml



#16 4,4'-DDD

R.T.: 6.773 min
Delta R.T.: 0.002 min
Response: 114417449
Conc: 46.97 ng/ml



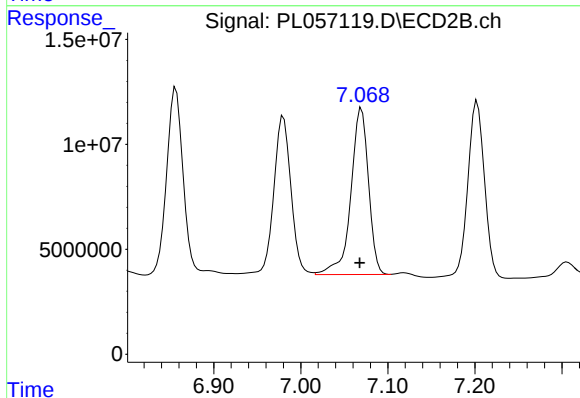
#17 4,4'-DDT

R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 432625689
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

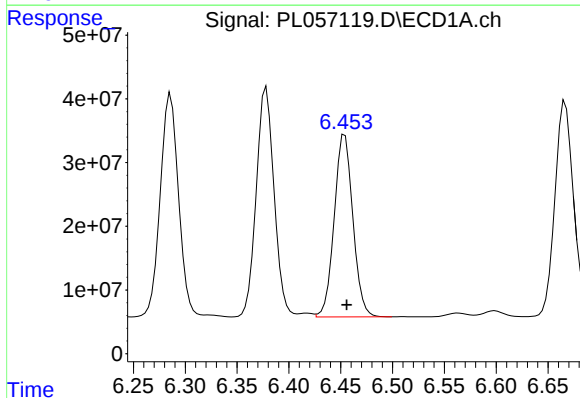
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



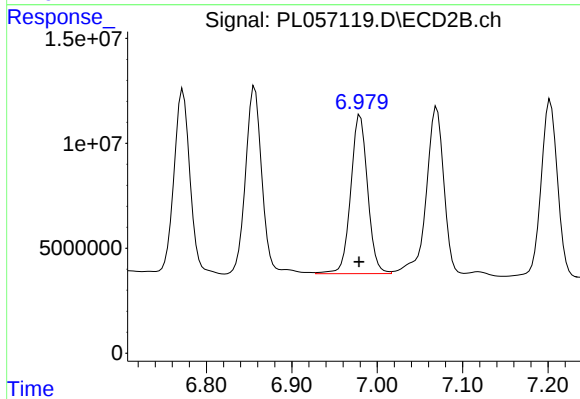
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.002 min
Response: 112012929
Conc: 45.53 ng/ml



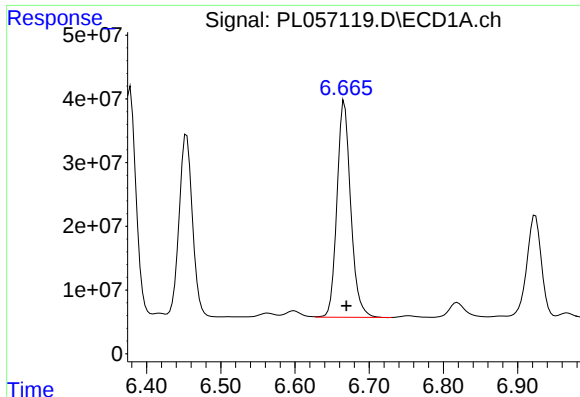
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 358315846
Conc: 40.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: 0.001 min
Response: 103870545
Conc: 44.82 ng/ml



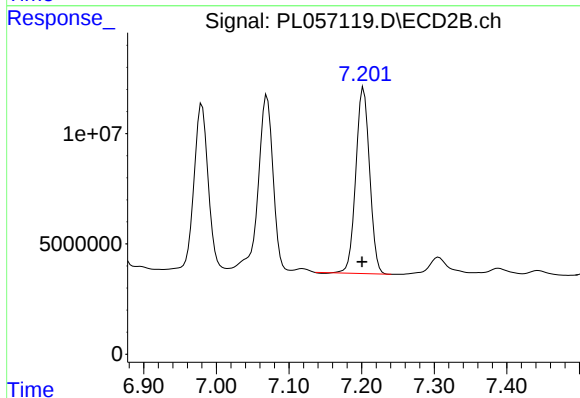
#19 Endosulfan Sulfate

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 438551738
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

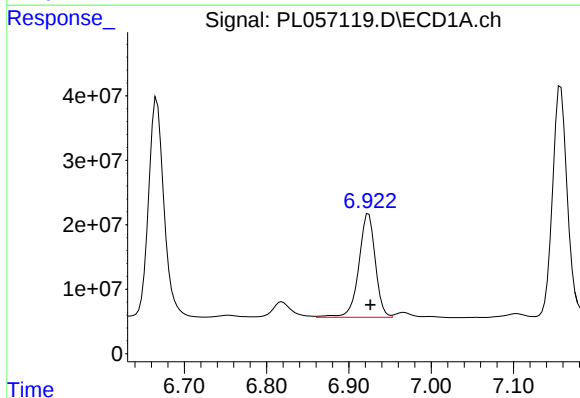
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



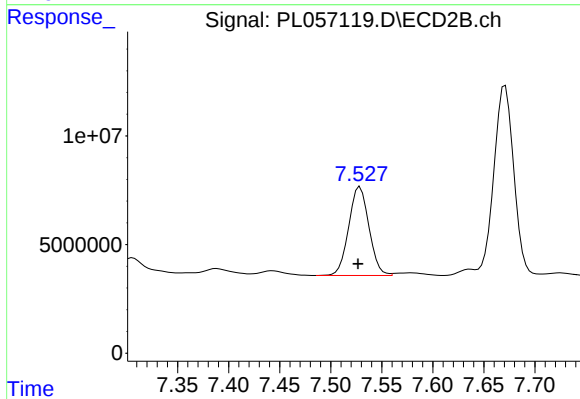
#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 111157852
Conc: 44.32 ng/ml



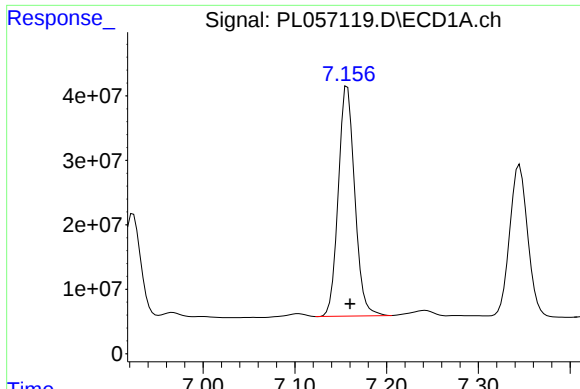
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 223772575
Conc: 44.88 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 56327873
Conc: 45.09 ng/ml



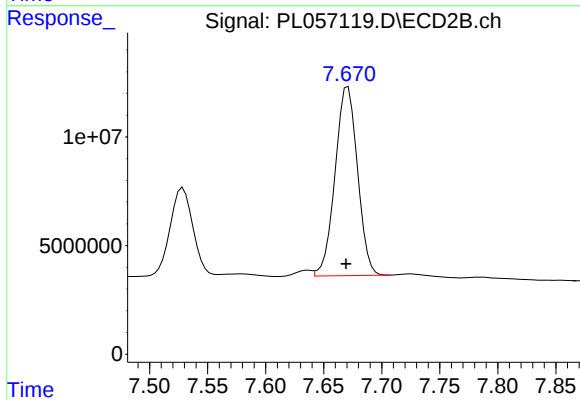
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 444018349
Conc: 39.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

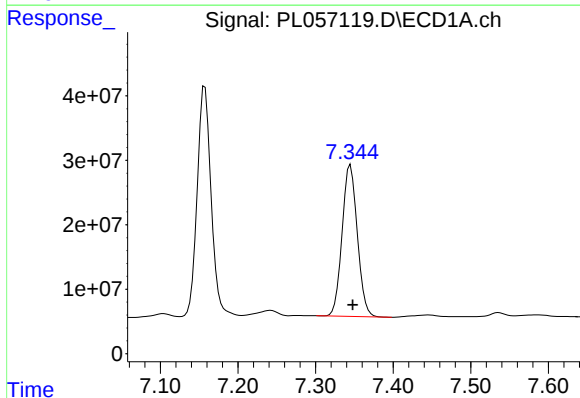
Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



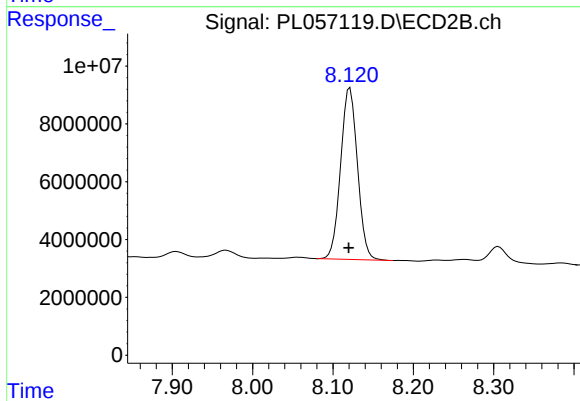
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.002 min
Response: 117060304
Conc: 42.72 ng/ml



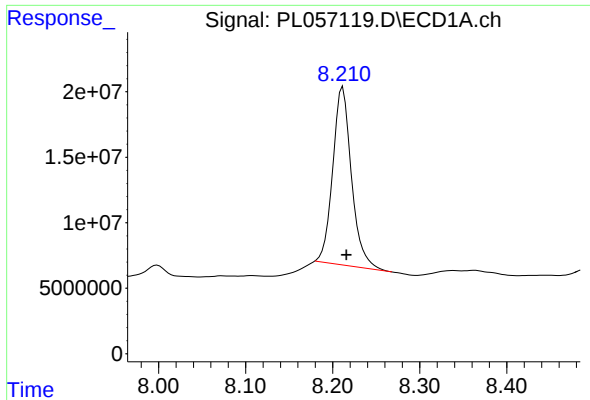
#22 Mirex

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 319996836
Conc: 39.49 ng/ml



#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.002 min
Response: 86577317
Conc: 45.16 ng/ml



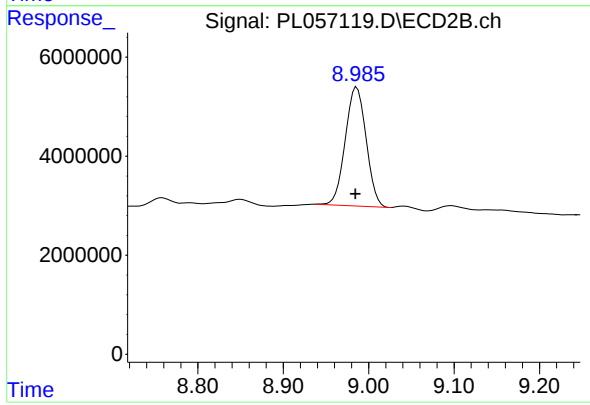
#28 Decachlorobiphenyl

R.T.: 8.212 min
Delta R.T.: -0.004 min
Response: 202605762
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MS

Manual Integrations
APPROVED

mohammad
3/9/2020 3:17:29 PM



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.002 min
Response: 40827516
Conc: 19.22 ng/ml