

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 10:26  
 Operator : DD\AJ  
 Sample : PB130216BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB130216BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 12:15:34 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.471 | 4.012  | 39178127 | 52674022 | 20.255   | 19.876     |
| 28)                         | SA Decachlor... | 8.231 | 9.104  | 28464531 | 38570770 | 17.303   | 18.443     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.908 | 4.403  | 147.1E6  | 195.5E6  | 51.176   | 50.629     |
| 3)                          | MA gamma-BHC... | 4.192 | 4.688  | 124.3E6  | 178.3E6  | 50.314   | 49.157     |
| 4)                          | MA Heptachlor   | 4.494 | 5.200  | 111.5E6  | 168.8E6  | 49.723   | 50.170     |
| 5)                          | MB Aldrin       | 4.743 | 5.506  | 98843145 | 153.1E6  | 50.092   | 49.154     |
| 6)                          | B beta-BHC      | 4.443 | 4.859  | 52968580 | 87210968 | 51.866   | 57.685     |
| 7)                          | B delta-BHC     | 4.647 | 5.076  | 115.1E6  | 164.4E6  | 51.760   | 52.772     |
| 8)                          | B Heptachlo...  | 5.187 | 5.894  | 91618283 | 131.8E6  | 49.915   | 48.949     |
| 9)                          | A Endosulfan I  | 5.525 | 6.252  | 85270826 | 127.3E6  | 50.688   | 47.723     |
| 10)                         | B gamma-Chl...  | 5.414 | 6.129  | 91099534 | 135.8E6  | 50.216   | 47.407     |
| 11)                         | B alpha-Chl...  | 5.473 | 6.202  | 89119707 | 134.9E6  | 49.420   | 47.177     |
| 12)                         | B 4,4'-DDE      | 5.638 | 6.360  | 83540431 | 125.8E6  | 50.164   | 47.012     |
| 13)                         | MA Dieldrin     | 5.769 | 6.510  | 89557296 | 129.8E6  | 50.754   | 46.916     |
| 14)                         | MA Endrin       | 6.026 | 6.728  | 72147753 | 99320809 | 49.567   | 46.671     |
| 15)                         | B Endosulfa...  | 6.299 | 6.938  | 76353934 | 109.3E6  | 45.717   | 43.534     |
| 16)                         | A 4,4'-DDD      | 6.154 | 6.851  | 72701267 | 105.7E6  | 47.625   | 46.053     |
| 17)                         | MA 4,4'-DDT     | 6.395 | 7.151  | 60398257 | 87349397 | 46.454   | 44.361     |
| 18)                         | B Endrin al...  | 6.466 | 7.062  | 66034077 | 96998427 | 46.289   | 44.662     |
| 19)                         | B Endosulfa...  | 6.680 | 7.285  | 77457594 | 109.8E6  | 47.121   | 46.929     |
| 20)                         | A Methoxychlor  | 6.941 | 7.611  | 34596575 | 48801989 | 46.253   | 42.988     |
| 21)                         | B Endrin ke...  | 7.170 | 7.758  | 89472468 | 117.0E6  | 47.674   | 45.308     |
| 22)                         | Mirex           | 7.360 | 8.214  | 61262484 | 77676972 | 43.061   | 42.028     |
| 24)                         | Chlordane-2     | 0.000 | 5.506f | 0        | 153.1E6  | N.D.     | 1336.250 # |
| 25)                         | Chlordane-3     | 5.414 | 6.129  | 91099534 | 135.8E6  | 538.682  | 350.863 #  |
| 26)                         | Chlordane-4     | 5.473 | 6.202  | 89119707 | 134.9E6  | 638.761  | 291.407 #  |
| 27)                         | Chlordane-5     | 6.299 | 0.000  | 76353934 | 0        | 1345.670 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

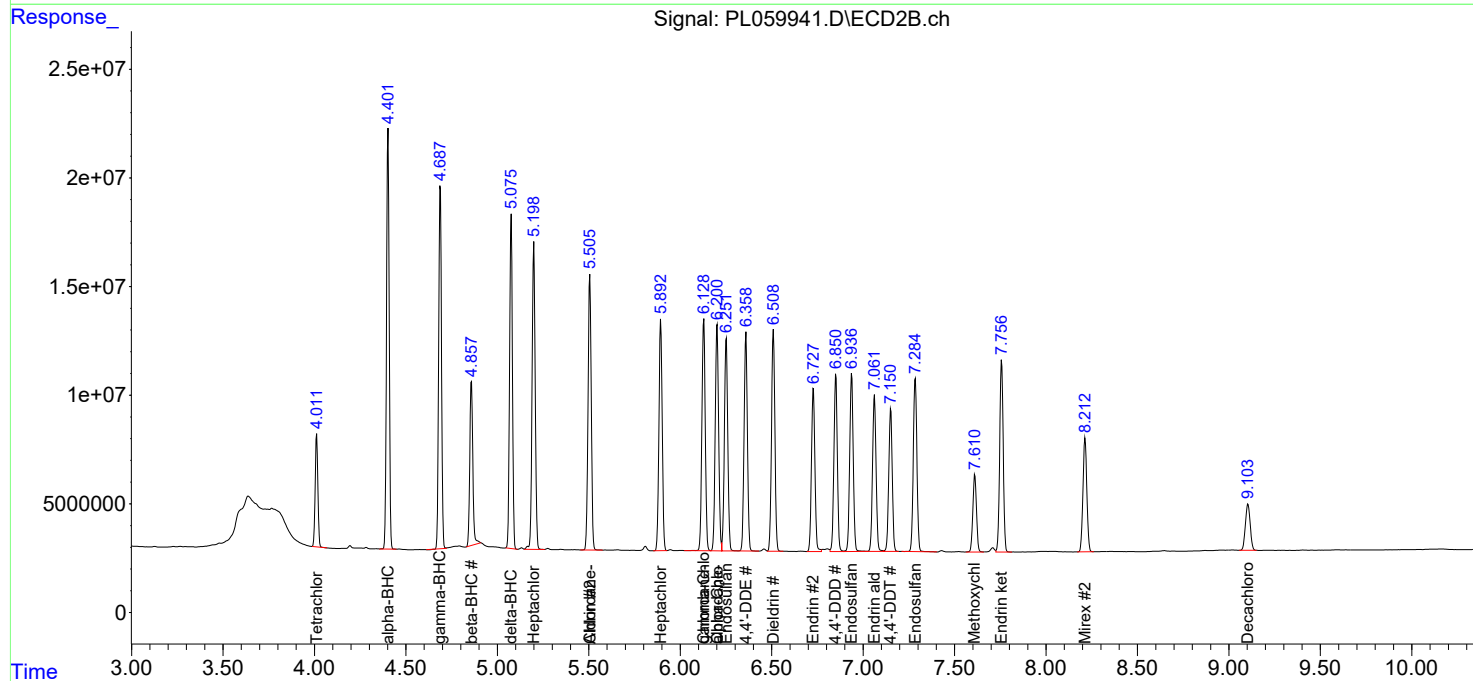
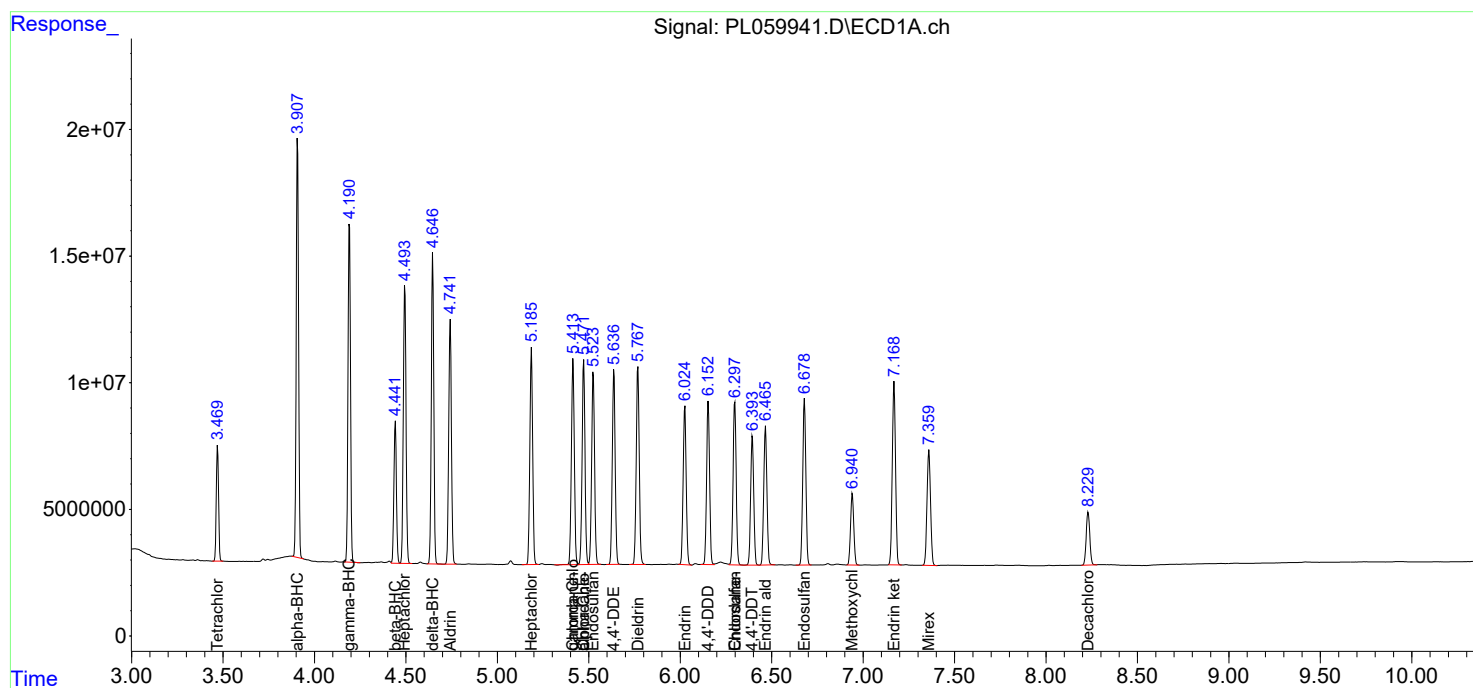
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

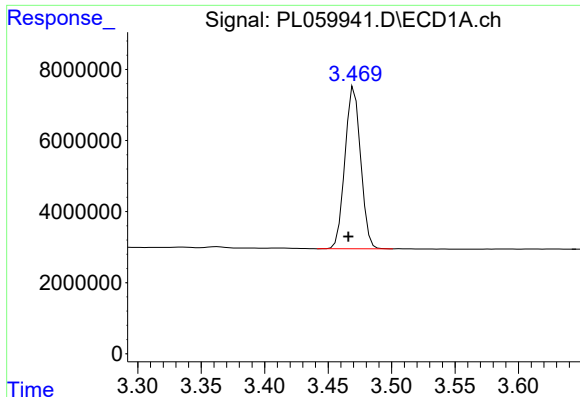
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
Data File : PL059941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 10:26  
Operator : DD\AJ  
Sample : PB130216BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 12:15:34 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

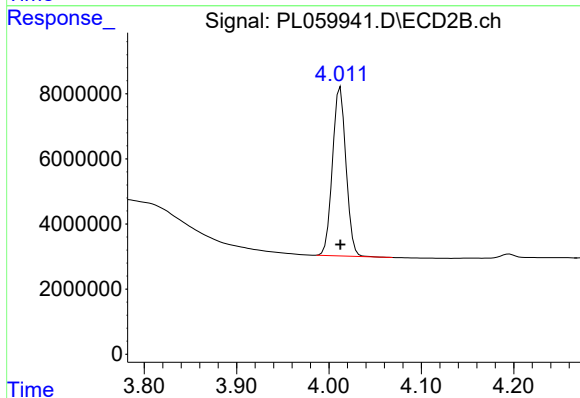




#1 Tetrachloro-m-xylene

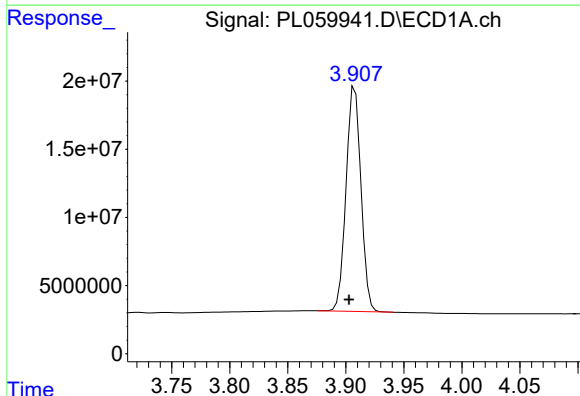
R.T.: 3.471 min  
Delta R.T.: 0.005 min  
Response: 39178127  
Conc: 20.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



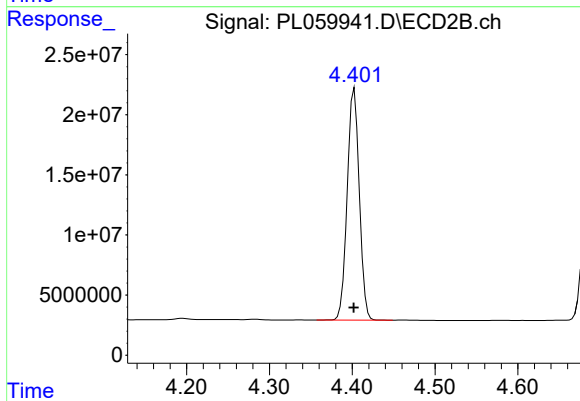
#1 Tetrachloro-m-xylene

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 52674022  
Conc: 19.88 ng/ml



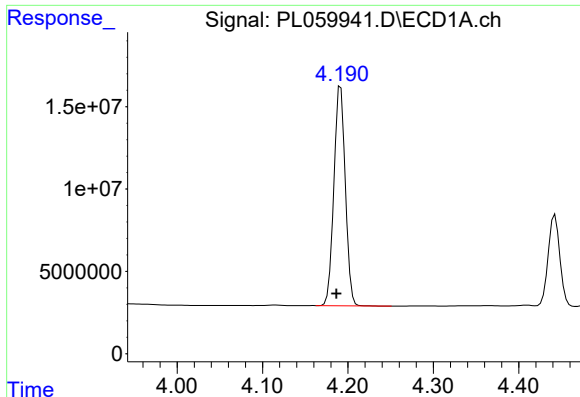
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.005 min  
Response: 147095033  
Conc: 51.18 ng/ml



#2 alpha-BHC

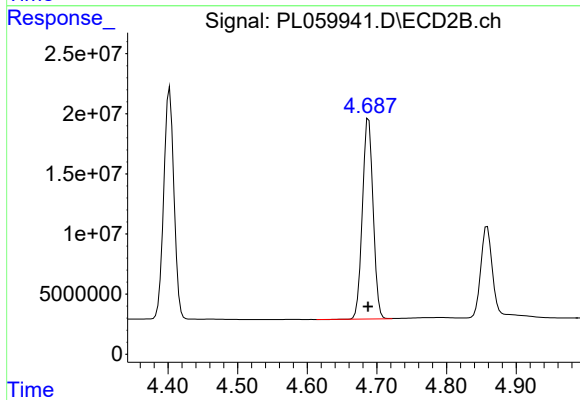
R.T.: 4.403 min  
Delta R.T.: 0.000 min  
Response: 195455329  
Conc: 50.63 ng/ml



#3 gamma-BHC (Lindane)

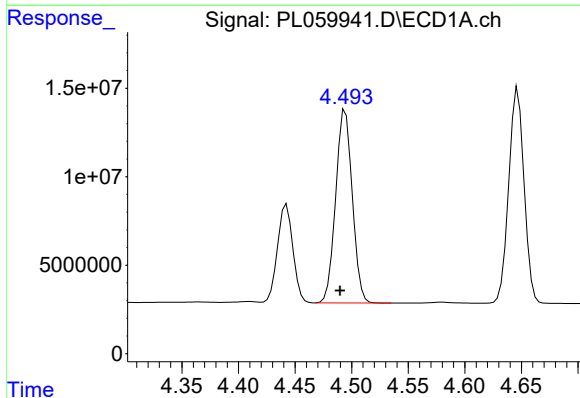
R.T.: 4.192 min  
Delta R.T.: 0.005 min  
Response: 124256695  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



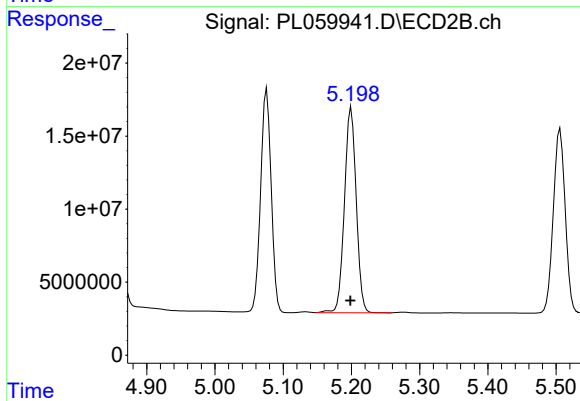
#3 gamma-BHC (Lindane)

R.T.: 4.688 min  
Delta R.T.: 0.001 min  
Response: 178288668  
Conc: 49.16 ng/ml



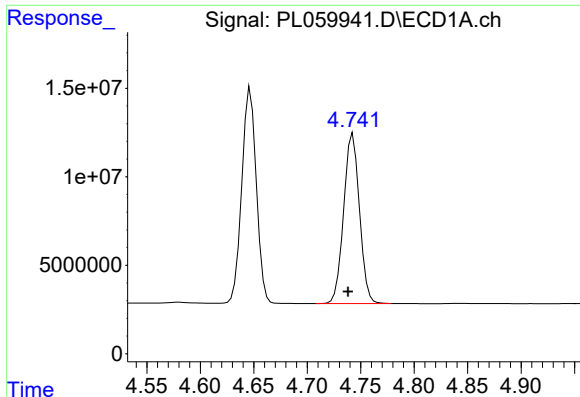
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: 0.005 min  
Response: 111516257  
Conc: 49.72 ng/ml



#4 Heptachlor

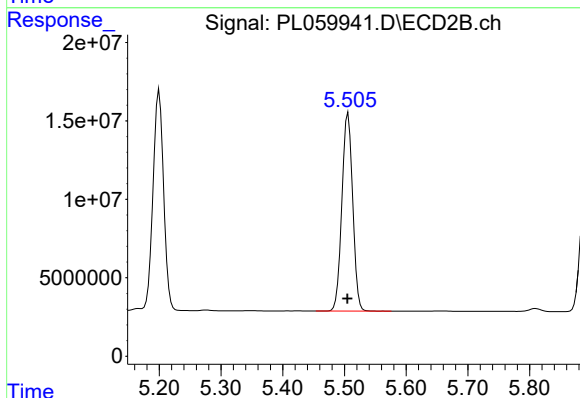
R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 168776138  
Conc: 50.17 ng/ml



#5 Aldrin

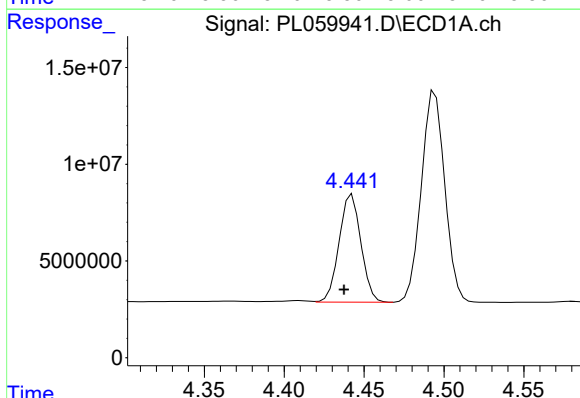
R.T.: 4.743 min  
Delta R.T.: 0.005 min  
Response: 98843145  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



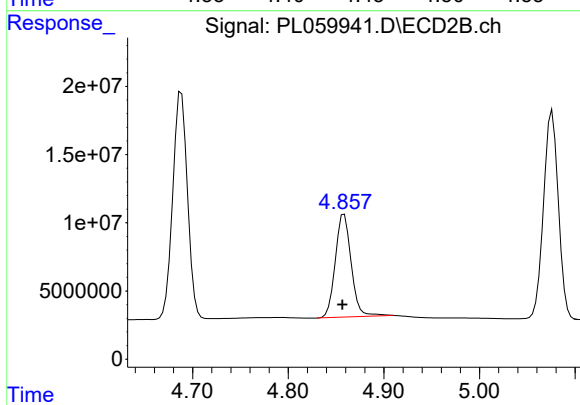
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.001 min  
Response: 153101046  
Conc: 49.15 ng/ml



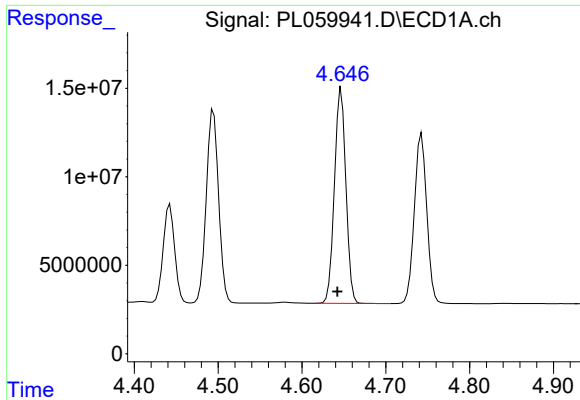
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.005 min  
Response: 52968580  
Conc: 51.87 ng/ml



#6 beta-BHC

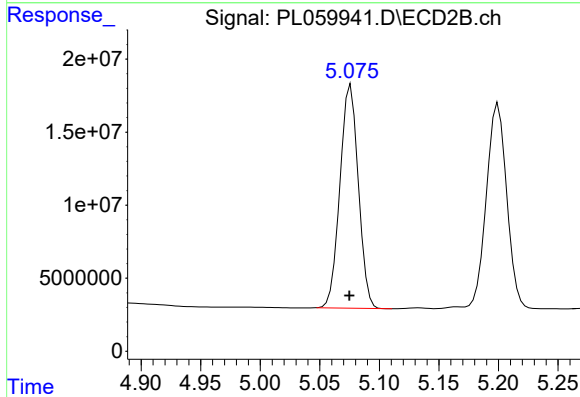
R.T.: 4.859 min  
Delta R.T.: 0.002 min  
Response: 87210968  
Conc: 57.69 ng/ml



#7 delta-BHC

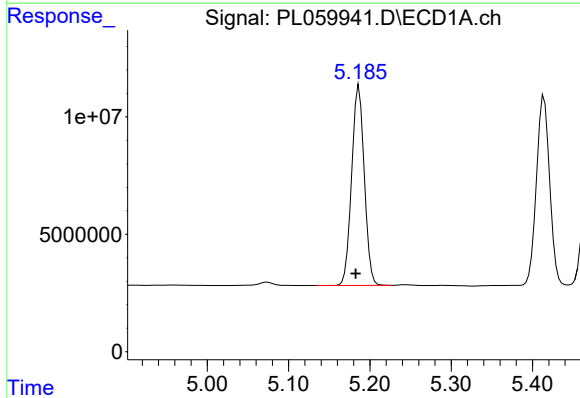
R.T.: 4.647 min  
Delta R.T.: 0.005 min  
Response: 115064809  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



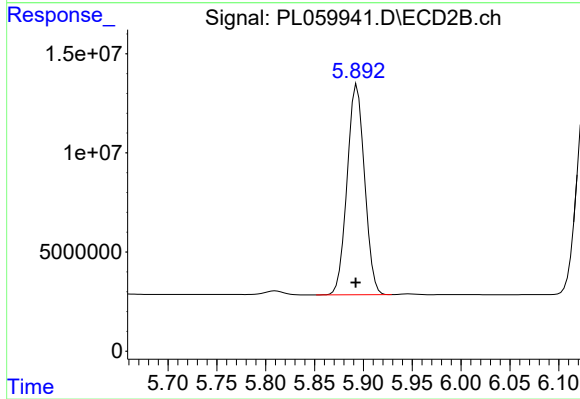
#7 delta-BHC

R.T.: 5.076 min  
Delta R.T.: 0.001 min  
Response: 164421315  
Conc: 52.77 ng/ml



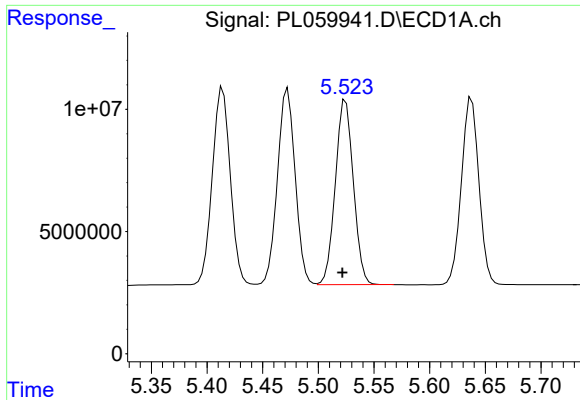
#8 Heptachlor epoxide

R.T.: 5.187 min  
Delta R.T.: 0.004 min  
Response: 91618283  
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

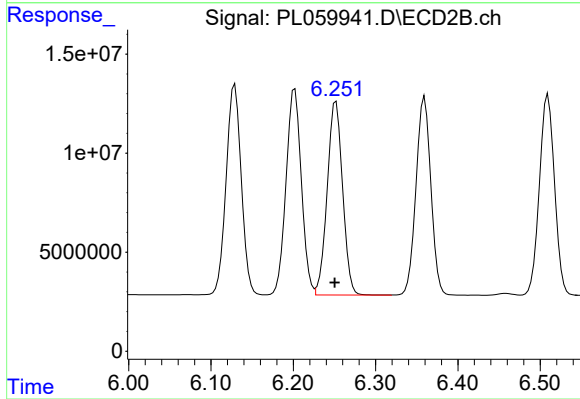
R.T.: 5.894 min  
Delta R.T.: 0.001 min  
Response: 131831875  
Conc: 48.95 ng/ml



#9 Endosulfan I

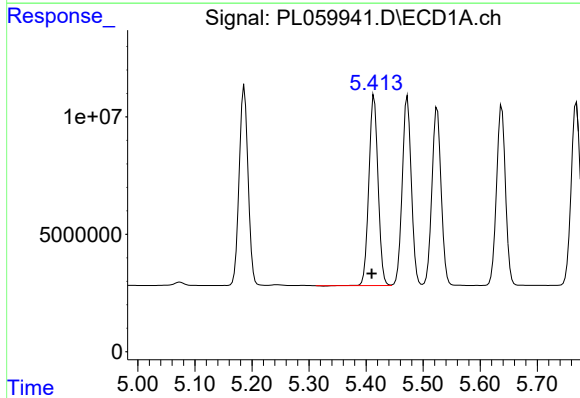
R.T.: 5.525 min  
Delta R.T.: 0.003 min  
Response: 85270826  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



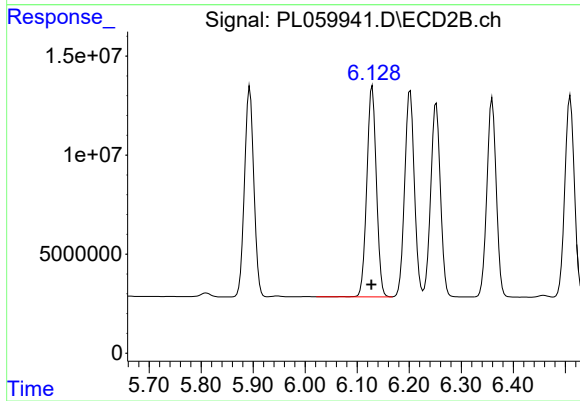
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.001 min  
Response: 127291350  
Conc: 47.72 ng/ml



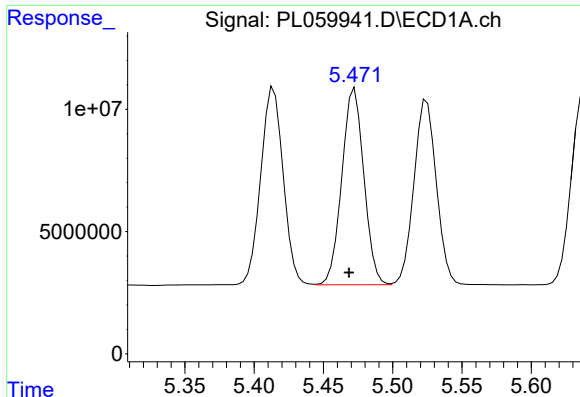
#10 gamma-Chlordane

R.T.: 5.414 min  
Delta R.T.: 0.004 min  
Response: 91099534  
Conc: 50.22 ng/ml



#10 gamma-Chlordane

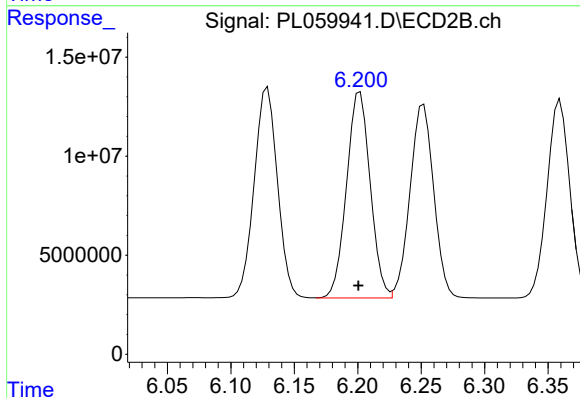
R.T.: 6.129 min  
Delta R.T.: 0.002 min  
Response: 135755157  
Conc: 47.41 ng/ml



#11 alpha-Chlordane

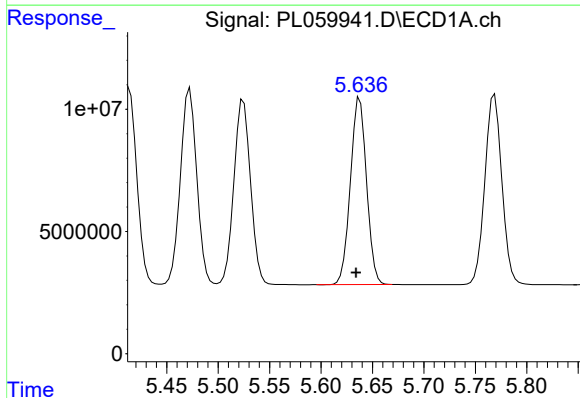
R.T.: 5.473 min  
Delta R.T.: 0.004 min  
Response: 89119707  
Conc: 49.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



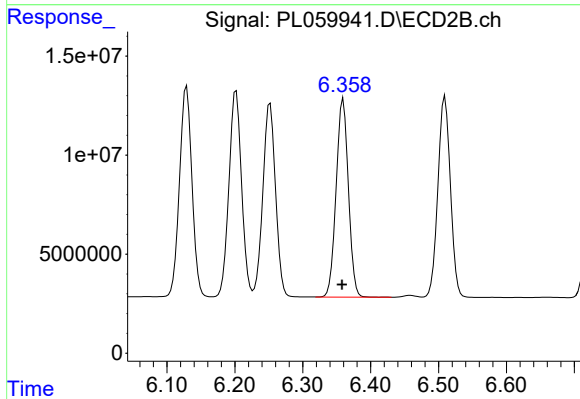
#11 alpha-Chlordane

R.T.: 6.202 min  
Delta R.T.: 0.001 min  
Response: 134892239  
Conc: 47.18 ng/ml



#12 4,4'-DDE

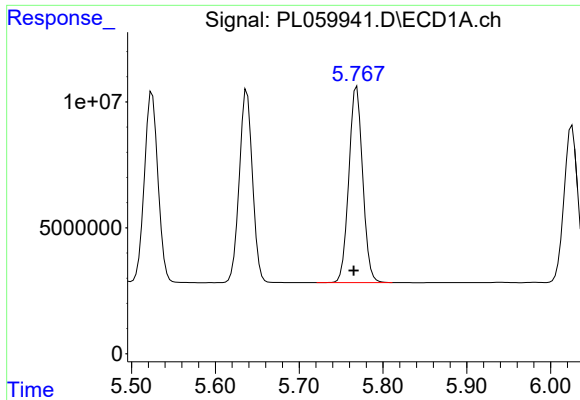
R.T.: 5.638 min  
Delta R.T.: 0.004 min  
Response: 83540431  
Conc: 50.16 ng/ml



#12 4,4'-DDE

R.T.: 6.360 min  
Delta R.T.: 0.002 min  
Response: 125835294  
Conc: 47.01 ng/ml

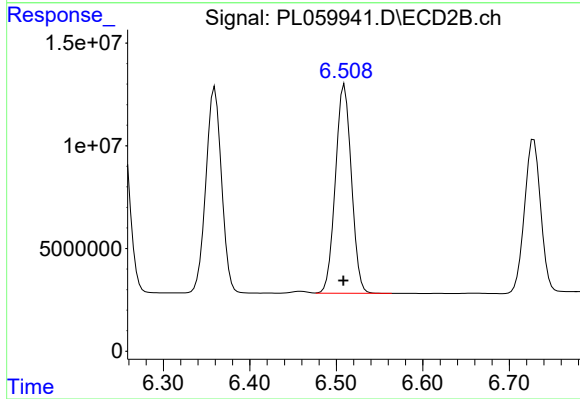




#13 Dieldrin

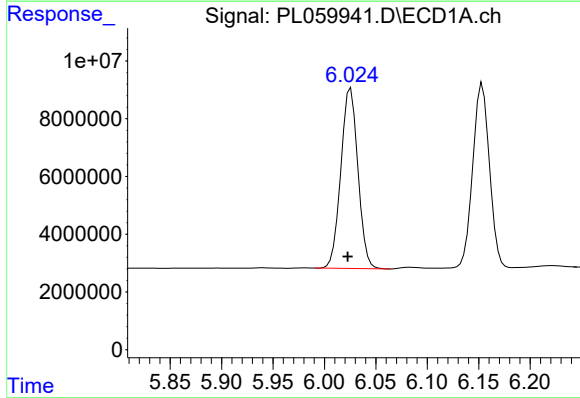
R.T.: 5.769 min  
Delta R.T.: 0.003 min  
Response: 89557296  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



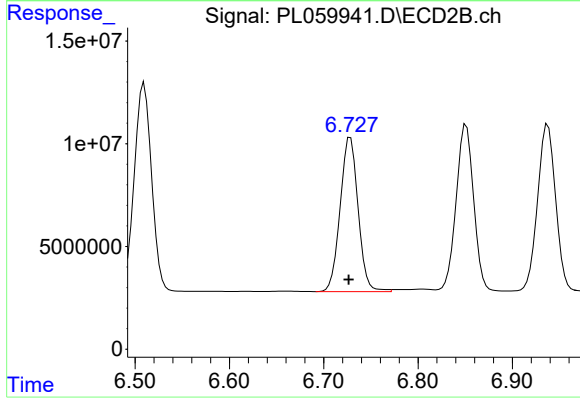
#13 Dieldrin

R.T.: 6.510 min  
Delta R.T.: 0.001 min  
Response: 129780877  
Conc: 46.92 ng/ml



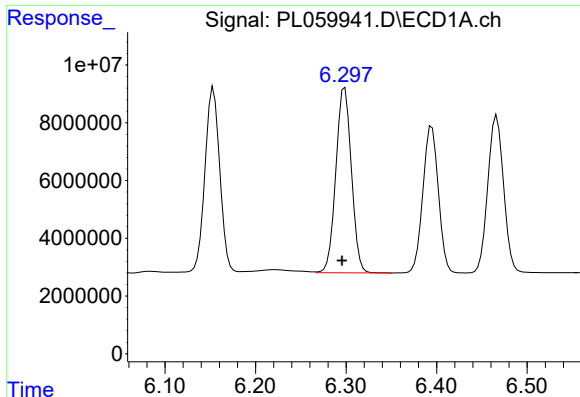
#14 Endrin

R.T.: 6.026 min  
Delta R.T.: 0.003 min  
Response: 72147753  
Conc: 49.57 ng/ml



#14 Endrin

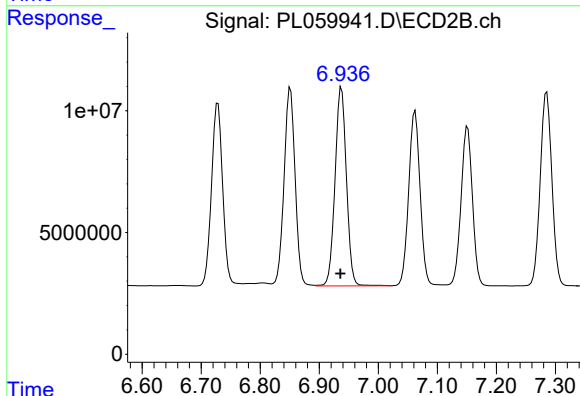
R.T.: 6.728 min  
Delta R.T.: 0.002 min  
Response: 99320809  
Conc: 46.67 ng/ml



#15 Endosulfan II

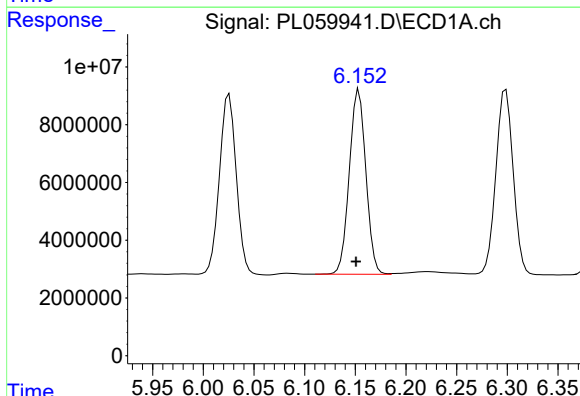
R.T.: 6.299 min  
Delta R.T.: 0.003 min  
Response: 76353934  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



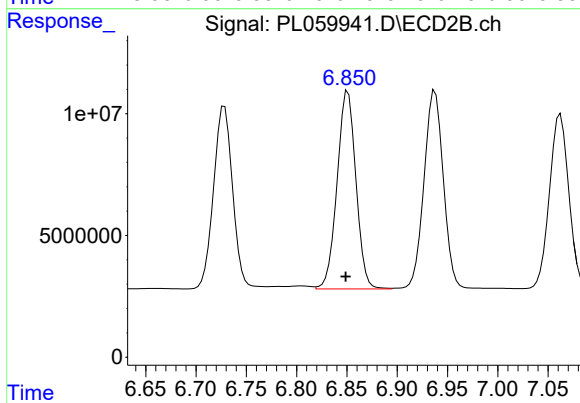
#15 Endosulfan II

R.T.: 6.938 min  
Delta R.T.: 0.002 min  
Response: 109341885  
Conc: 43.53 ng/ml



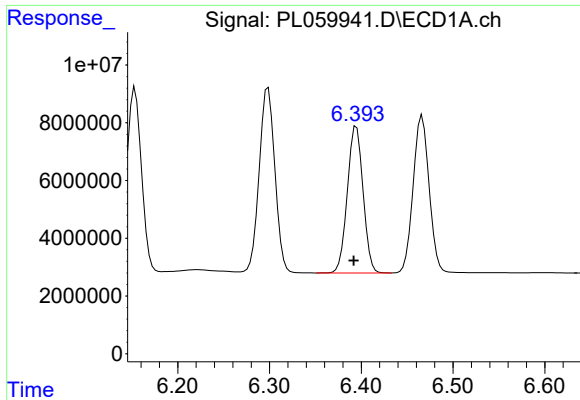
#16 4,4'-DDD

R.T.: 6.154 min  
Delta R.T.: 0.003 min  
Response: 72701267  
Conc: 47.62 ng/ml



#16 4,4'-DDD

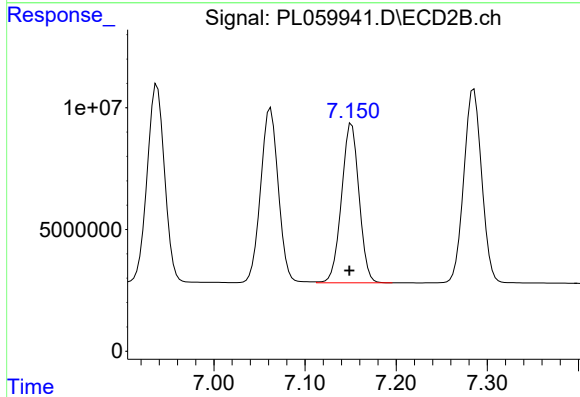
R.T.: 6.851 min  
Delta R.T.: 0.002 min  
Response: 105713823  
Conc: 46.05 ng/ml



#17 4,4'-DDT

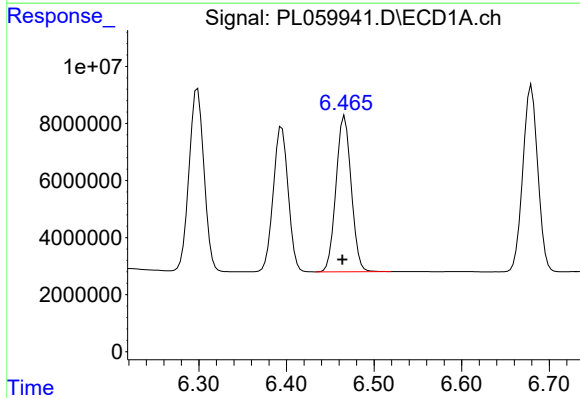
R.T.: 6.395 min  
Delta R.T.: 0.003 min  
Response: 60398257  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



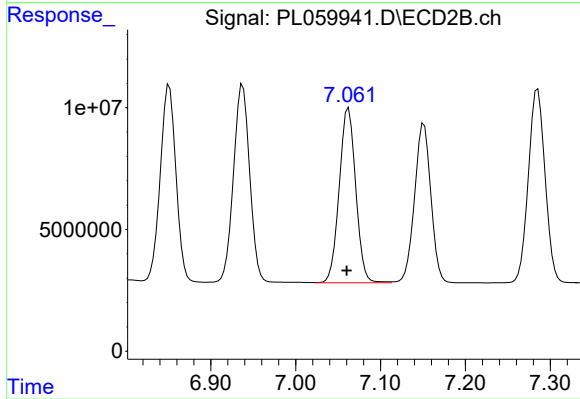
#17 4,4'-DDT

R.T.: 7.151 min  
Delta R.T.: 0.002 min  
Response: 87349397  
Conc: 44.36 ng/ml



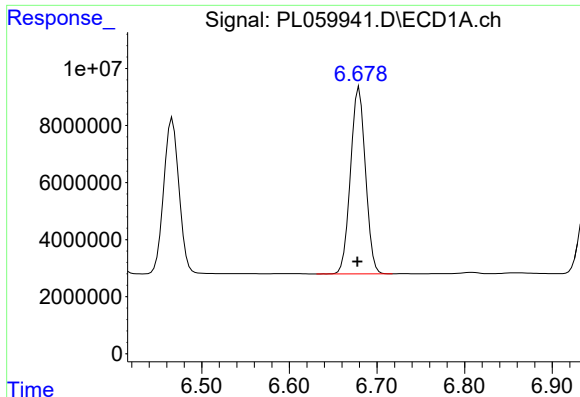
#18 Endrin aldehyde

R.T.: 6.466 min  
Delta R.T.: 0.002 min  
Response: 66034077  
Conc: 46.29 ng/ml



#18 Endrin aldehyde

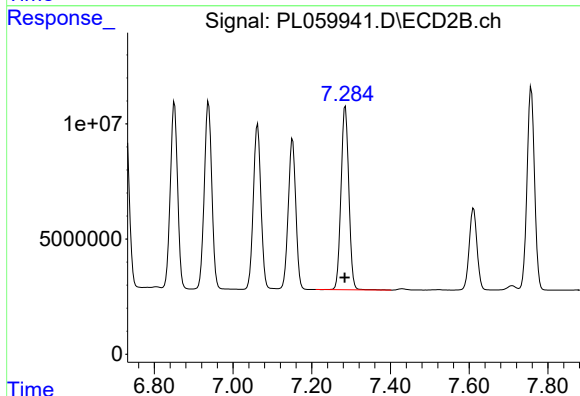
R.T.: 7.062 min  
Delta R.T.: 0.002 min  
Response: 96998427  
Conc: 44.66 ng/ml



#19 Endosulfan Sulfate

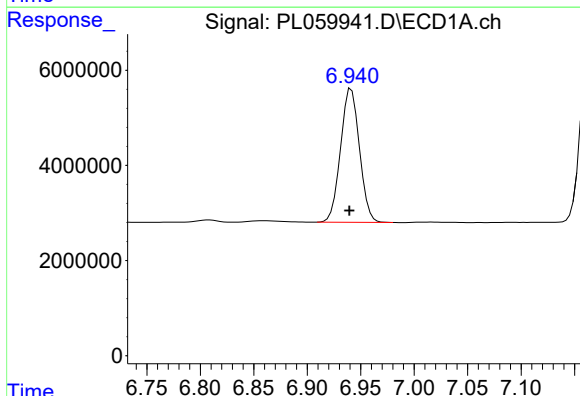
R.T.: 6.680 min  
Delta R.T.: 0.002 min  
Response: 77457594  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



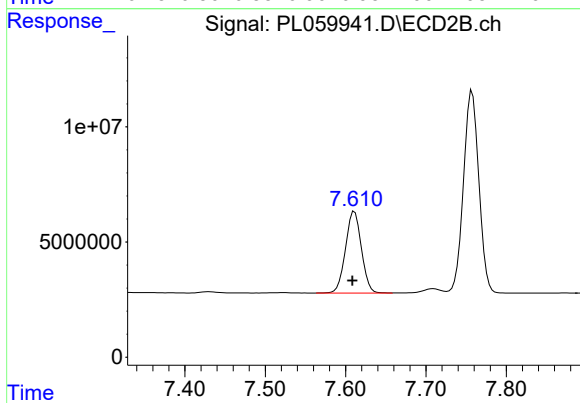
#19 Endosulfan Sulfate

R.T.: 7.285 min  
Delta R.T.: 0.002 min  
Response: 109763701  
Conc: 46.93 ng/ml



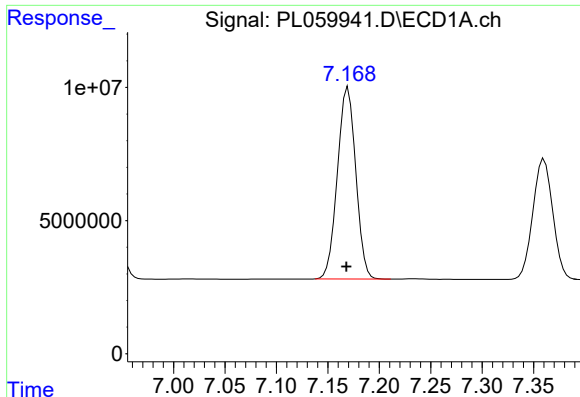
#20 Methoxychlor

R.T.: 6.941 min  
Delta R.T.: 0.002 min  
Response: 34596575  
Conc: 46.25 ng/ml



#20 Methoxychlor

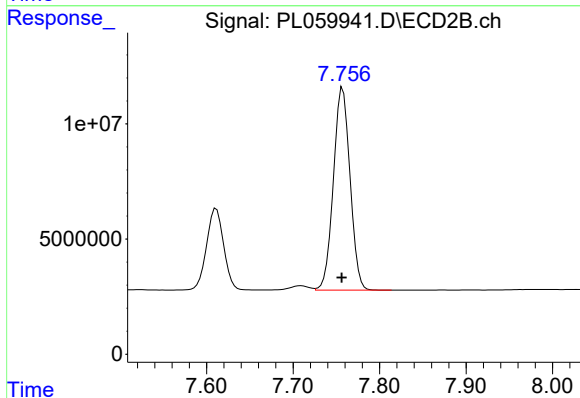
R.T.: 7.611 min  
Delta R.T.: 0.003 min  
Response: 48801989  
Conc: 42.99 ng/ml



#21 Endrin ketone

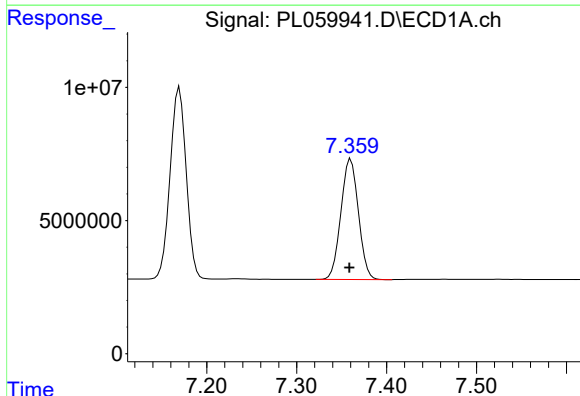
R.T.: 7.170 min  
Delta R.T.: 0.002 min  
Response: 89472468  
Conc: 47.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



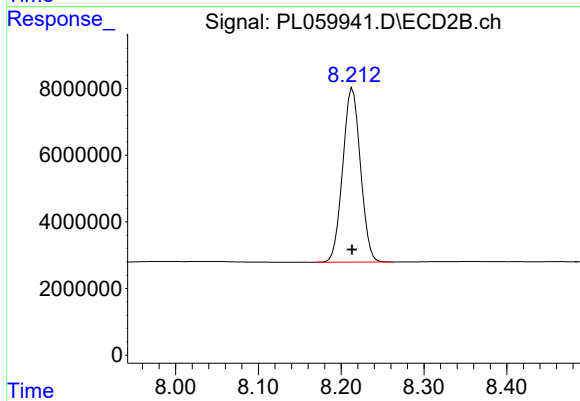
#21 Endrin ketone

R.T.: 7.758 min  
Delta R.T.: 0.001 min  
Response: 117017810  
Conc: 45.31 ng/ml



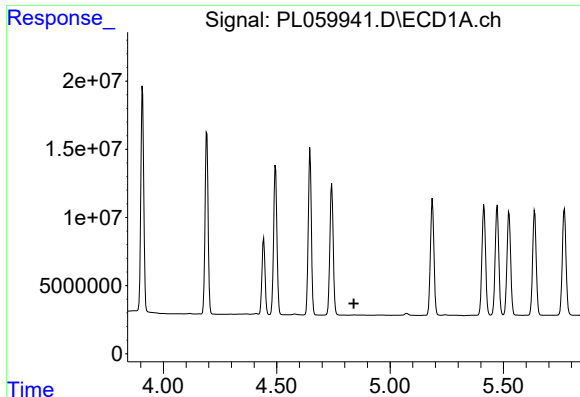
#22 Mirex

R.T.: 7.360 min  
Delta R.T.: 0.002 min  
Response: 61262484  
Conc: 43.06 ng/ml



#22 Mirex

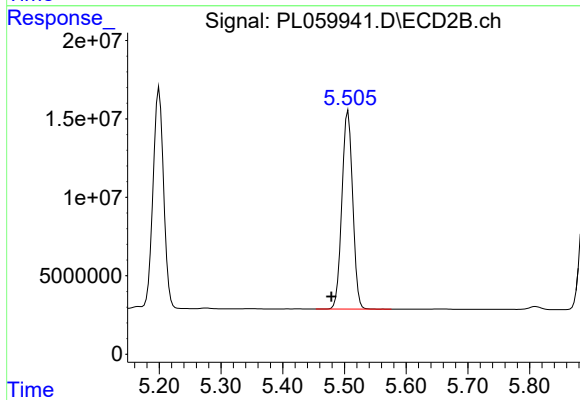
R.T.: 8.214 min  
Delta R.T.: 0.000 min  
Response: 77676972  
Conc: 42.03 ng/ml



#24 Chlordane-2

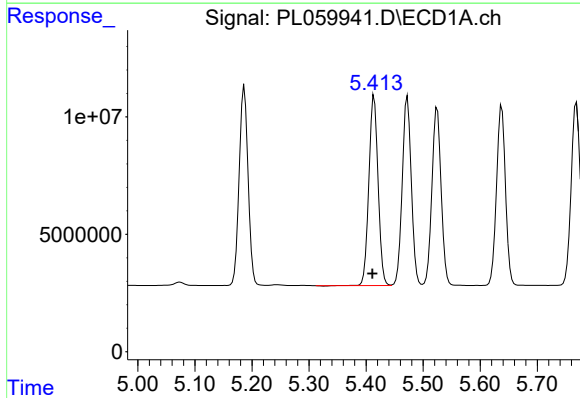
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



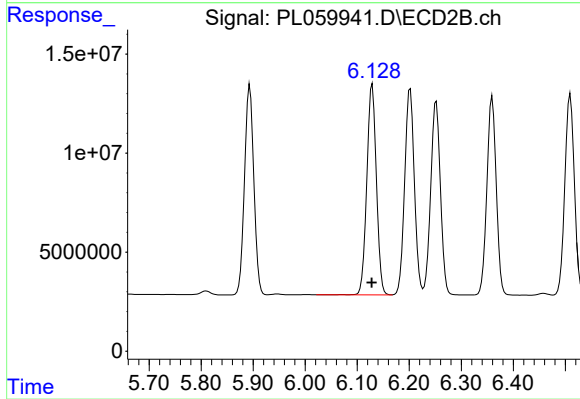
#24 Chlordane-2

R.T.: 5.506 min  
Delta R.T.: 0.027 min  
Response: 153101046  
Conc: 1336.25 ng/ml



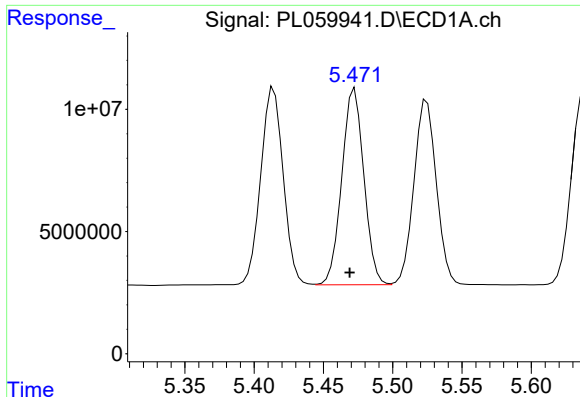
#25 Chlordane-3

R.T.: 5.414 min  
Delta R.T.: 0.003 min  
Response: 91099534  
Conc: 538.68 ng/ml



#25 Chlordane-3

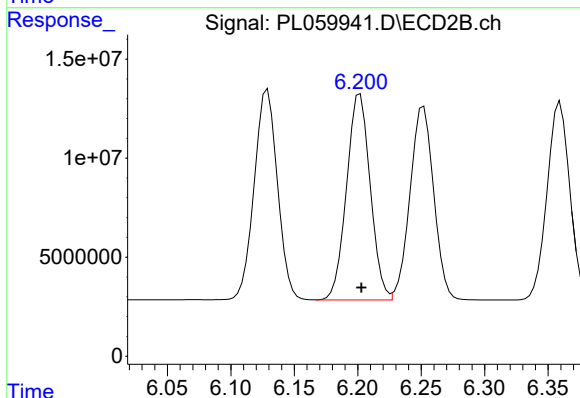
R.T.: 6.129 min  
Delta R.T.: 0.001 min  
Response: 135755157  
Conc: 350.86 ng/ml



#26 Chlordane-4

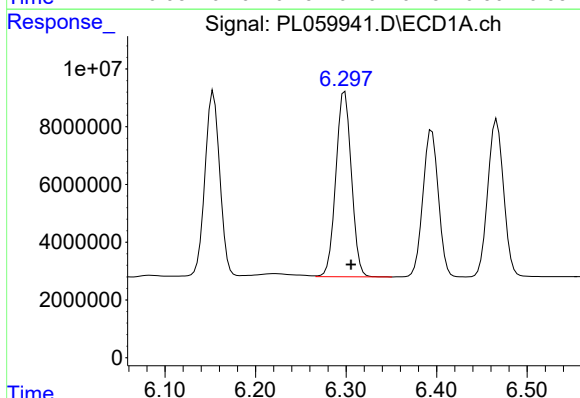
R.T.: 5.473 min  
Delta R.T.: 0.004 min  
Response: 89119707  
Conc: 638.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



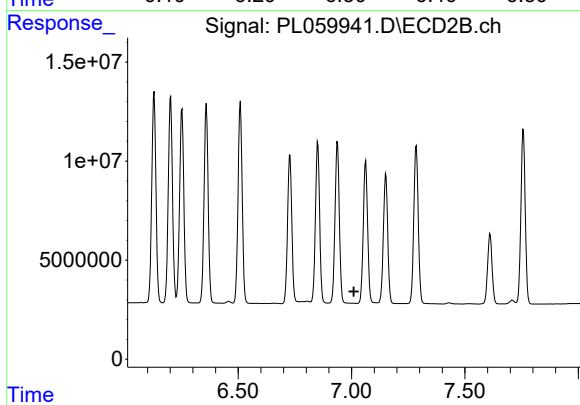
#26 Chlordane-4

R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 134892239  
Conc: 291.41 ng/ml



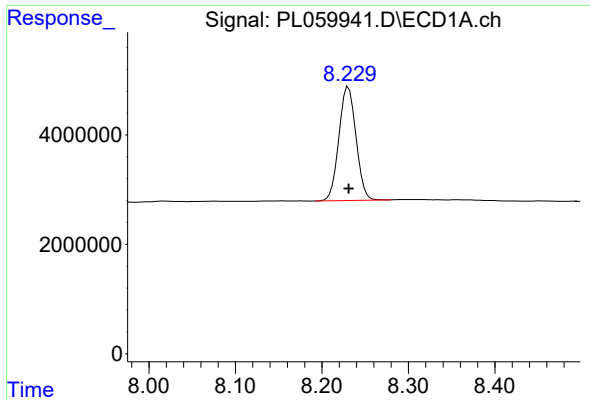
#27 Chlordane-5

R.T.: 6.299 min  
Delta R.T.: -0.007 min  
Response: 76353934  
Conc: 1345.67 ng/ml



#27 Chlordane-5

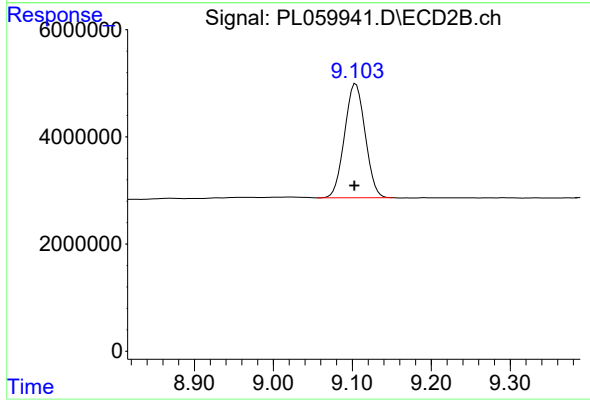
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.231 min  
Delta R.T.: 0.000 min  
Response: 28464531  
Conc: 17.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB130216BS



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: 0.002 min  
Response: 38570770  
Conc: 18.44 ng/ml