

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
 Data File : PL057043.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2020 17:27  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 02:48:38 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... | 3.463 | 3.958  | 427.3E6 | 114.5E6  | 50.139   | 53.682     |
| 28)                         | SA Decachlor... | 8.216 | 8.987  | 394.7E6 | 97552493 | 40.838   | 45.913     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.901 | 4.346  | 747.8E6 | 176.2E6  | 50.462   | 55.779     |
| 3)                          | MA gamma-BHC... | 4.185 | 4.628  | 594.0E6 | 169.9E6  | 43.229   | 54.653 #   |
| 4)                          | MA Heptachlor   | 4.486 | 5.131  | 673.5E6 | 173.6E6  | 49.582   | 55.764     |
| 5)                          | MB Aldrin       | 4.733 | 5.433  | 646.3E6 | 162.7E6  | 50.048   | 54.443     |
| 6)                          | B beta-BHC      | 4.437 | 4.801  | 259.9E6 | 84911150 | 49.057   | 60.248     |
| 7)                          | B delta-BHC     | 4.641 | 5.015  | 670.7E6 | 128.2E6  | 51.408   | 52.656     |
| 8)                          | B Heptachlo...  | 5.177 | 5.818  | 590.2E6 | 128.6E6  | 48.780   | 46.408     |
| 9)                          | A Endosulfan I  | 5.515 | 6.173  | 554.9E6 | 141.6E6  | 48.953   | 50.683     |
| 10)                         | B gamma-Chl...  | 5.403 | 6.052  | 601.6E6 | 149.0E6  | 48.439   | 49.785     |
| 11)                         | B alpha-Chl...  | 5.461 | 6.124  | 593.1E6 | 153.8E6  | 48.274   | 51.012     |
| 12)                         | B 4,4'-DDE      | 5.626 | 6.283  | 559.0E6 | 145.5E6  | 47.707   | 51.266     |
| 13)                         | MA Dieldrin     | 5.759 | 6.429  | 576.4E6 | 151.4E6  | 47.142   | 51.453     |
| 14)                         | MA Endrin       | 6.015 | 6.645  | 494.3E6 | 127.8E6  | 45.432   | 49.540     |
| 15)                         | B Endosulfa...  | 6.289 | 6.856  | 488.3E6 | 136.7E6  | 45.216   | 48.713     |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.772  | 456.8E6 | 128.9E6  | 47.189   | 52.914     |
| 17)                         | MA 4,4'-DDT     | 6.383 | 7.069  | 437.5E6 | 118.8E6  | 44.715   | 48.314     |
| 18)                         | B Endrin al...  | 6.457 | 6.980  | 395.6E6 | 123.9E6  | 44.224   | 53.452     |
| 19)                         | B Endosulfa...  | 6.670 | 7.203  | 441.3E6 | 121.9E6  | 44.187   | 48.588     |
| 20)                         | A Methoxychlor  | 6.927 | 7.529  | 227.7E6 | 65173308 | 45.661   | 52.167     |
| 21)                         | B Endrin ke...  | 7.161 | 7.670  | 479.1E6 | 130.4E6  | 42.424   | 47.576     |
| 22)                         | Mirex           | 7.348 | 8.121  | 329.6E6 | 87577085 | 40.677   | 45.681     |
| 24)                         | Chlordane-2     | 0.000 | 5.433f | 0       | 162.7E6  | N.D.     | 1704.907 # |
| 25)                         | Chlordane-3     | 5.403 | 6.052  | 601.6E6 | 149.0E6  | 557.782  | 393.246 #  |
| 26)                         | Chlordane-4     | 5.461 | 6.124  | 593.1E6 | 153.8E6  | 645.382  | 335.356 #  |
| 27)                         | Chlordane-5     | 6.289 | 0.000  | 488.3E6 | 0        | 1344.382 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

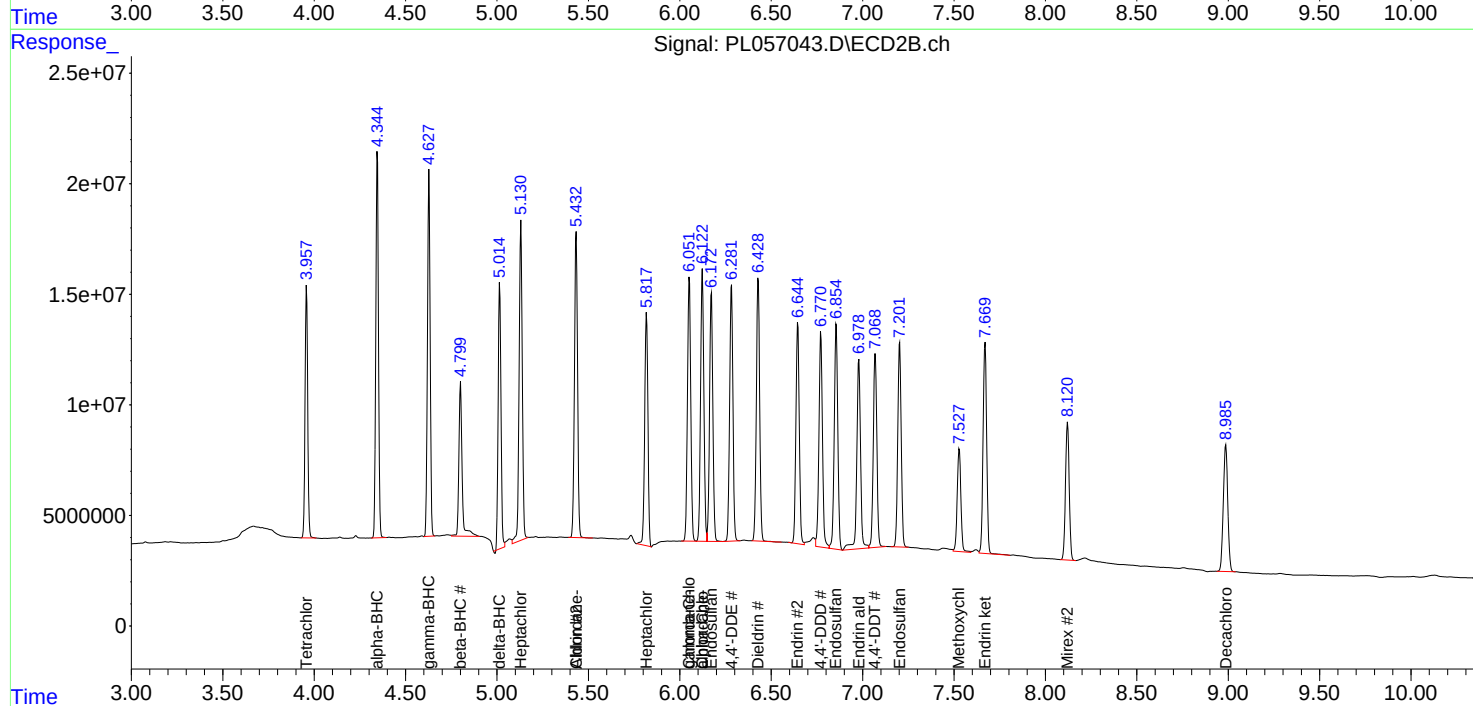
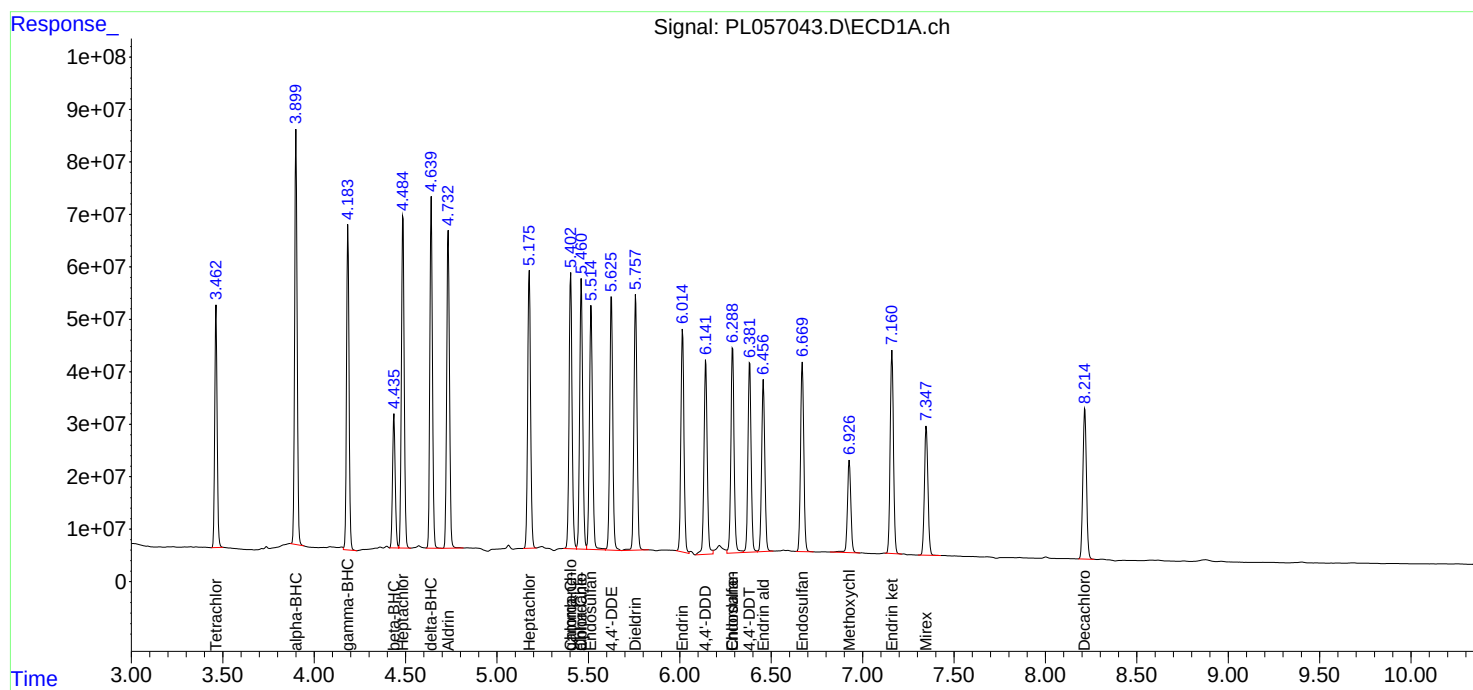
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

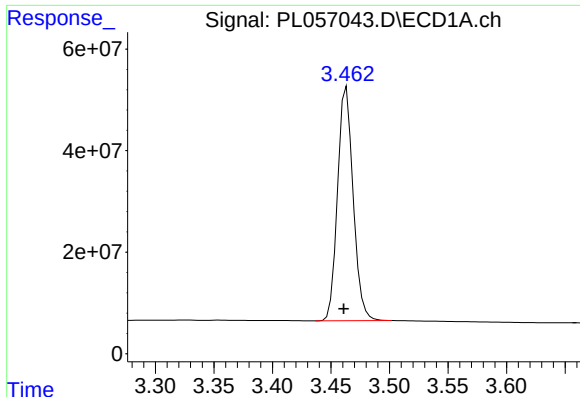
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
Data File : PL057043.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2020 17:27  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 02:48:38 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

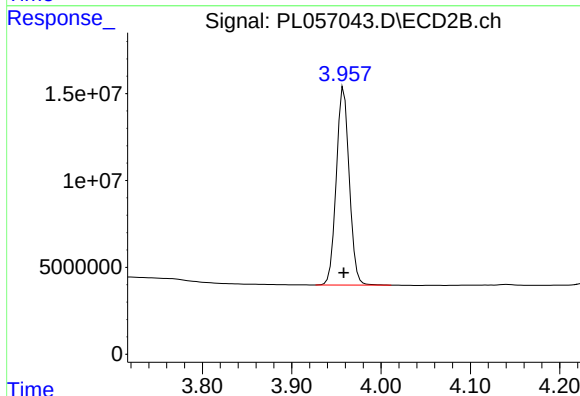




#1 Tetrachloro-m-xylene

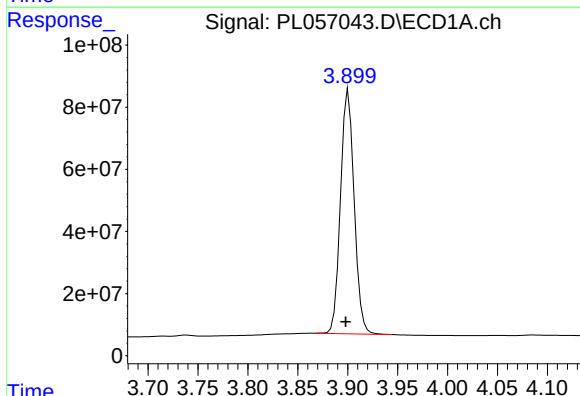
R.T.: 3.463 min  
Delta R.T.: 0.002 min  
Response: 427301913  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



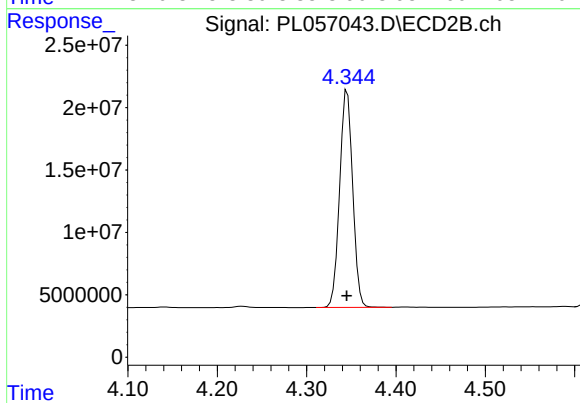
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 114530343  
Conc: 53.68 ng/ml



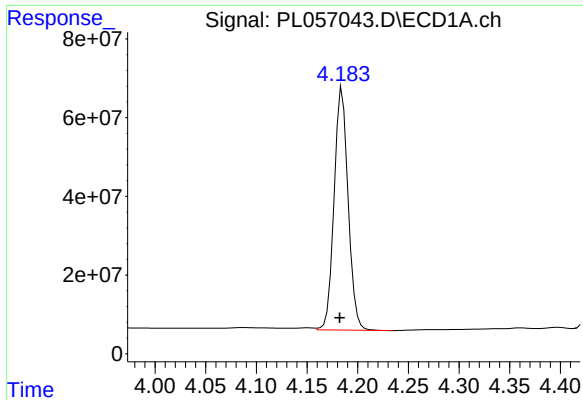
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.003 min  
Response: 747832450  
Conc: 50.46 ng/ml



#2 alpha-BHC

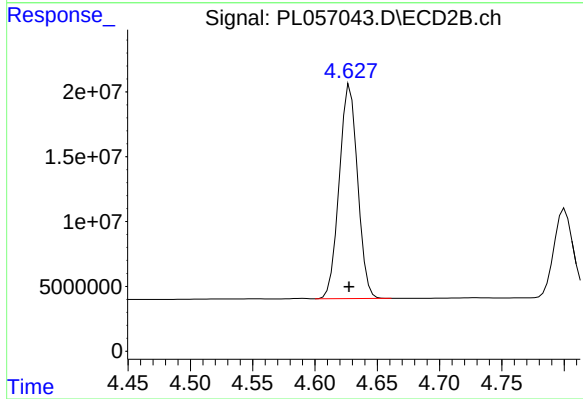
R.T.: 4.346 min  
Delta R.T.: 0.000 min  
Response: 176206144  
Conc: 55.78 ng/ml



#3 gamma-BHC (Lindane)

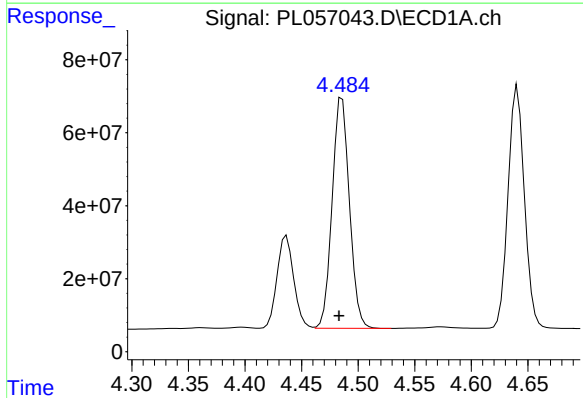
R.T.: 4.185 min  
Delta R.T.: 0.003 min  
Response: 593989883  
Conc: 43.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



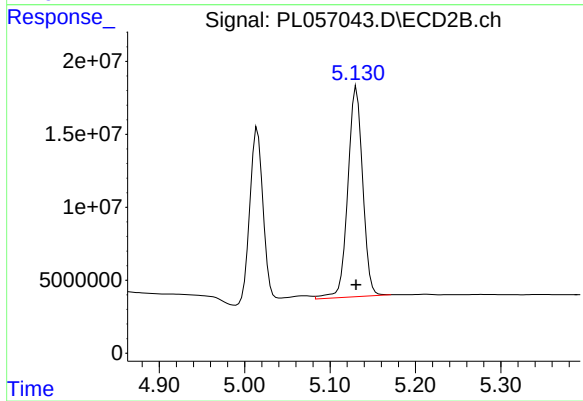
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 169899823  
Conc: 54.65 ng/ml



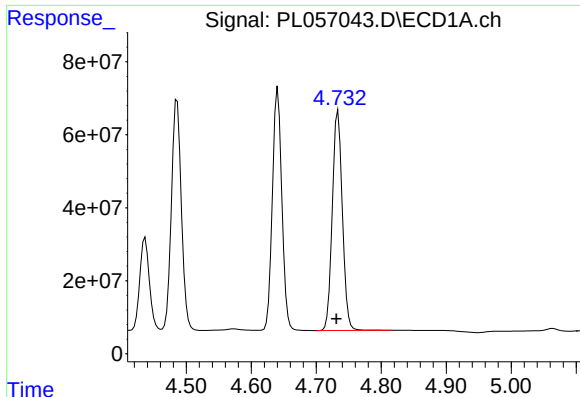
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.003 min  
Response: 673523334  
Conc: 49.58 ng/ml



#4 Heptachlor

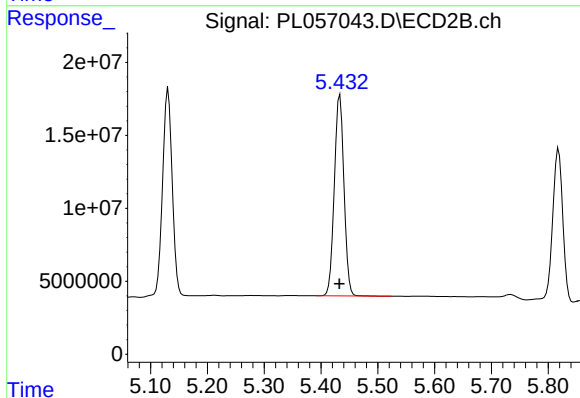
R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 173558347  
Conc: 55.76 ng/ml



#5 Aldrin

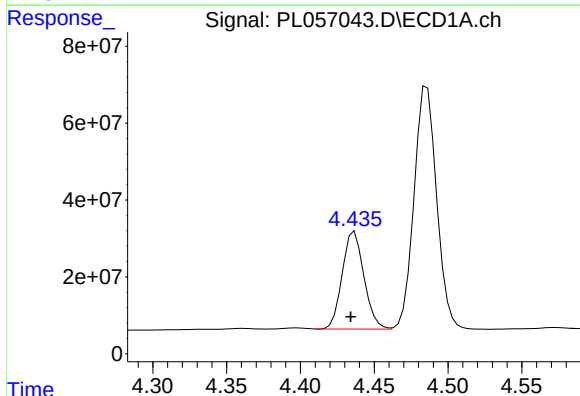
R.T.: 4.733 min  
Delta R.T.: 0.002 min  
Response: 646259463  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



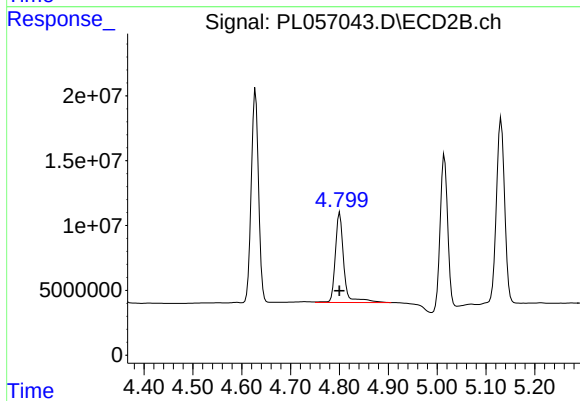
#5 Aldrin

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 162740559  
Conc: 54.44 ng/ml



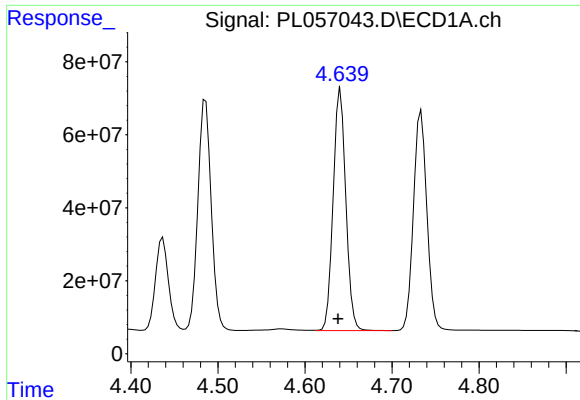
#6 beta-BHC

R.T.: 4.437 min  
Delta R.T.: 0.003 min  
Response: 259862598  
Conc: 49.06 ng/ml



#6 beta-BHC

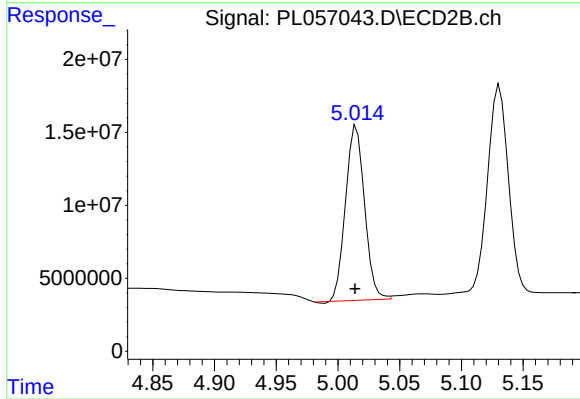
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 84911150  
Conc: 60.25 ng/ml



#7 delta-BHC

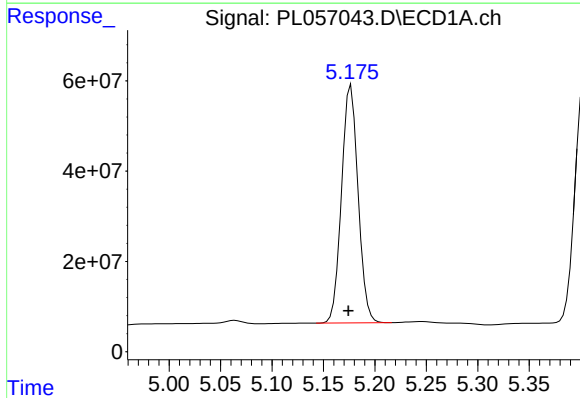
R.T.: 4.641 min  
Delta R.T.: 0.003 min  
Response: 670676910  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



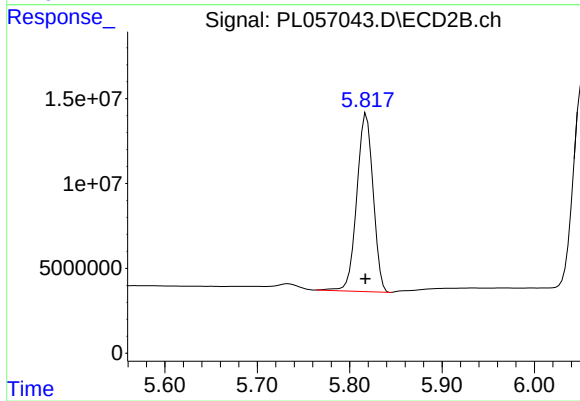
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.001 min  
Response: 128207702  
Conc: 52.66 ng/ml



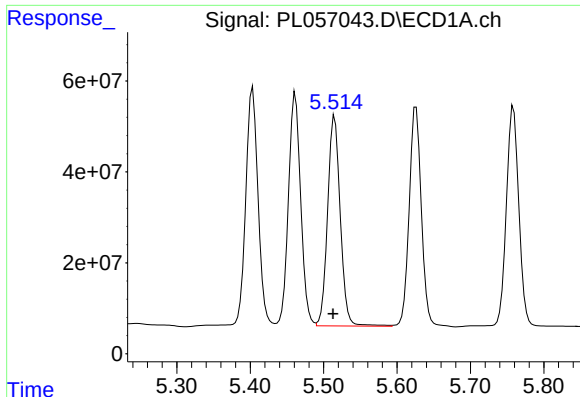
#8 Heptachlor epoxide

R.T.: 5.177 min  
Delta R.T.: 0.003 min  
Response: 590237076  
Conc: 48.78 ng/ml



#8 Heptachlor epoxide

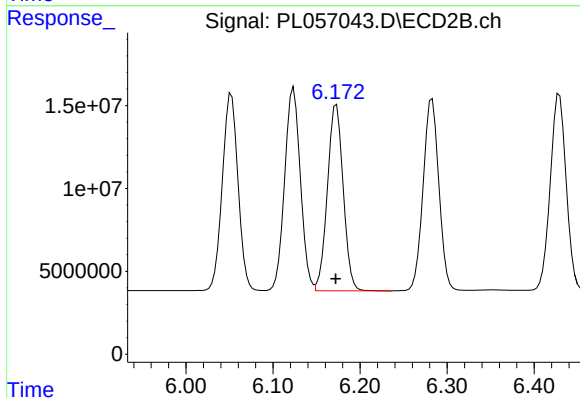
R.T.: 5.818 min  
Delta R.T.: 0.001 min  
Response: 128599090  
Conc: 46.41 ng/ml



#9 Endosulfan I

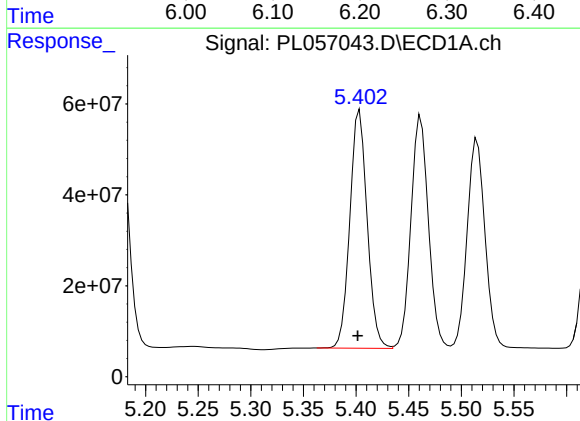
R.T.: 5.515 min  
Delta R.T.: 0.002 min  
Response: 554933021  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



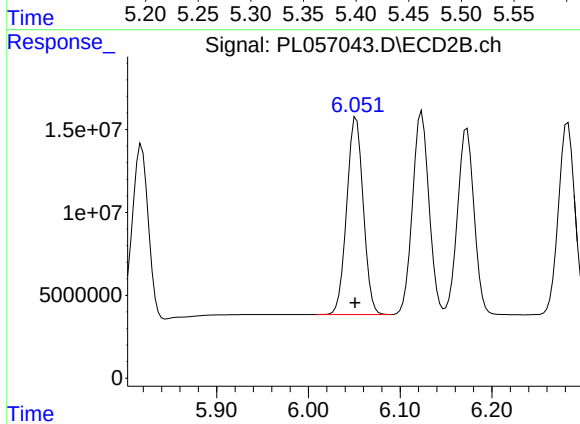
#9 Endosulfan I

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 141580184  
Conc: 50.68 ng/ml



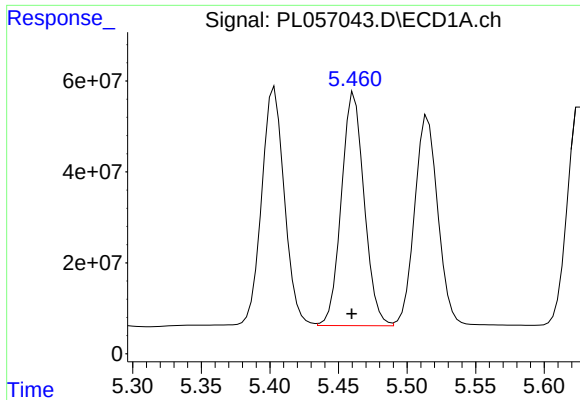
#10 gamma-Chlordane

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 601641343  
Conc: 48.44 ng/ml



#10 gamma-Chlordane

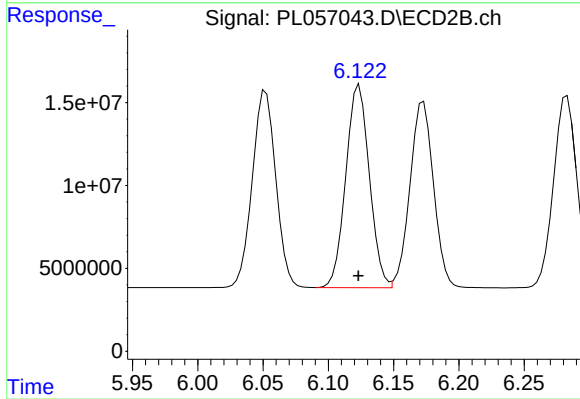
R.T.: 6.052 min  
Delta R.T.: 0.001 min  
Response: 149035965  
Conc: 49.78 ng/ml



#11 alpha-Chlordane

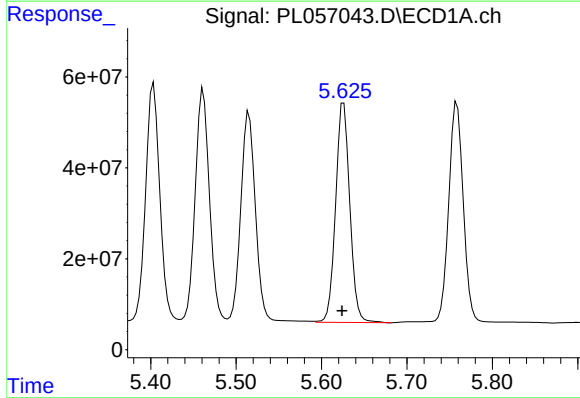
R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 593102050  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



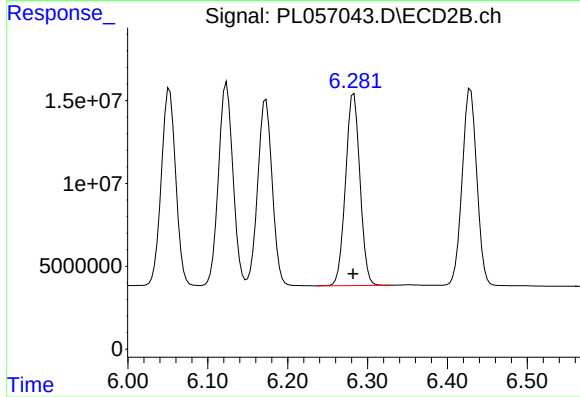
#11 alpha-Chlordane

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 153772865  
Conc: 51.01 ng/ml



#12 4,4'-DDE

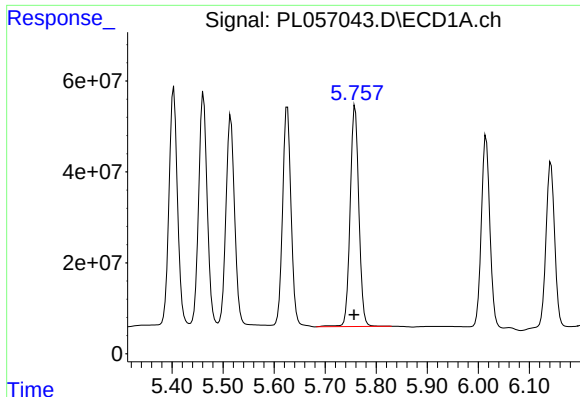
R.T.: 5.626 min  
Delta R.T.: 0.002 min  
Response: 559025830  
Conc: 47.71 ng/ml



#12 4,4'-DDE

R.T.: 6.283 min  
Delta R.T.: 0.001 min  
Response: 145488559  
Conc: 51.27 ng/ml

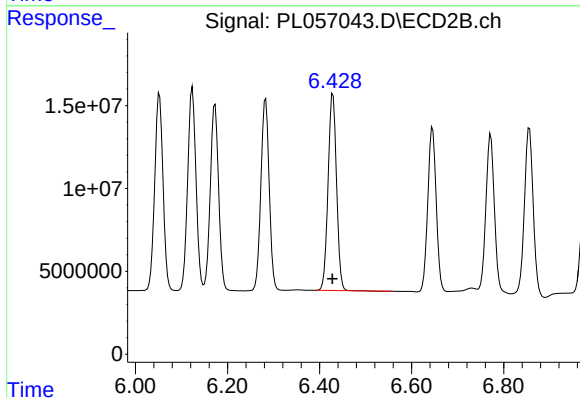




#13 Dieldrin

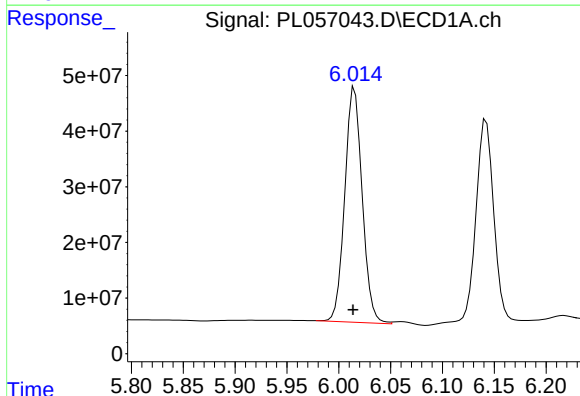
R.T.: 5.759 min  
Delta R.T.: 0.002 min  
Response: 576381304  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



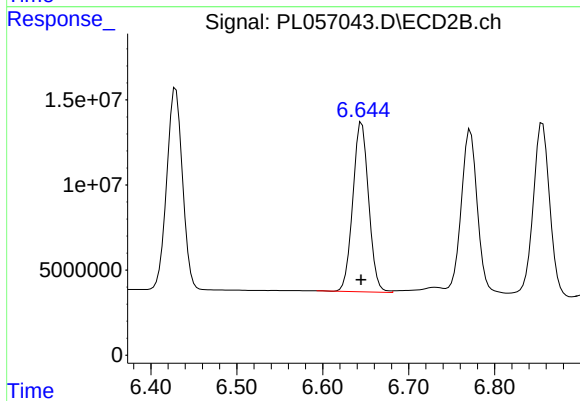
#13 Dieldrin

R.T.: 6.429 min  
Delta R.T.: 0.001 min  
Response: 151438941  
Conc: 51.45 ng/ml



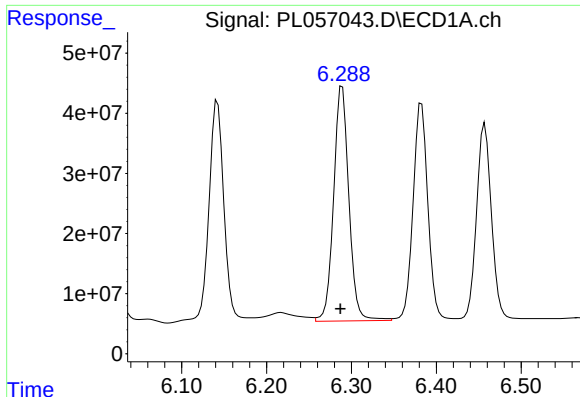
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 494272665  
Conc: 45.43 ng/ml



#14 Endrin

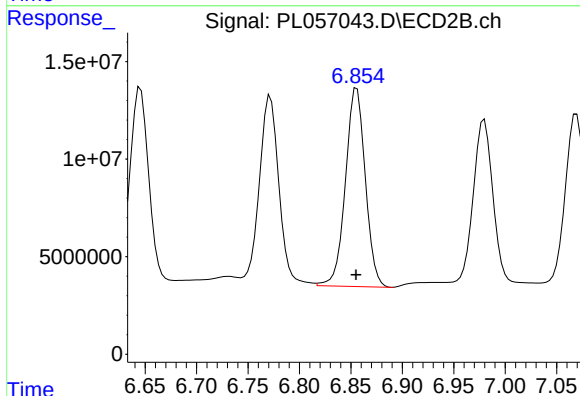
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 127752389  
Conc: 49.54 ng/ml



#15 Endosulfan II

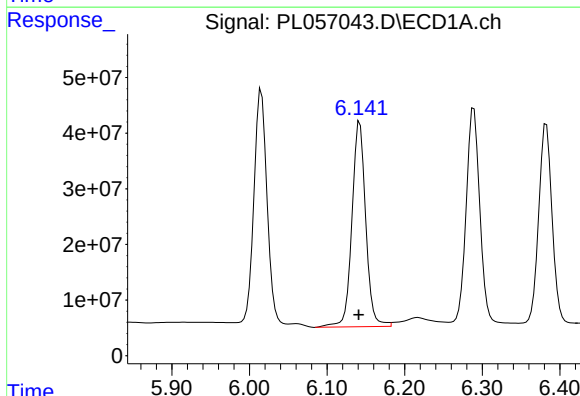
R.T.: 6.289 min  
Delta R.T.: 0.002 min  
Response: 488312916  
Conc: 45.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



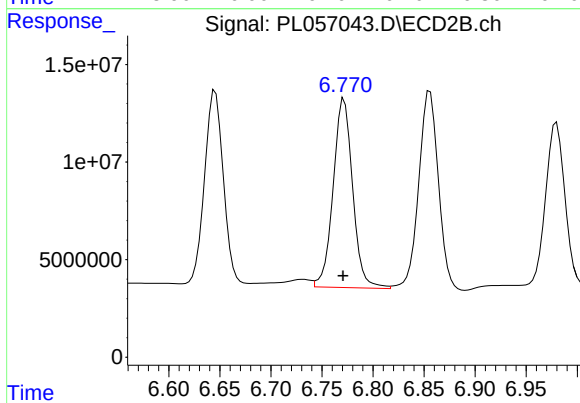
#15 Endosulfan II

R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 136692330  
Conc: 48.71 ng/ml



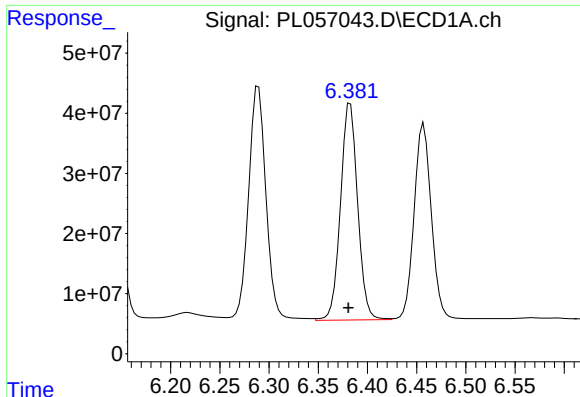
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: 0.001 min  
Response: 456821383  
Conc: 47.19 ng/ml



#16 4,4'-DDD

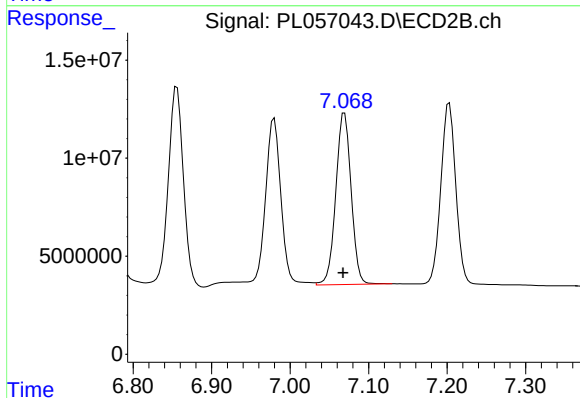
R.T.: 6.772 min  
Delta R.T.: 0.001 min  
Response: 128900266  
Conc: 52.91 ng/ml



#17 4,4'-DDT

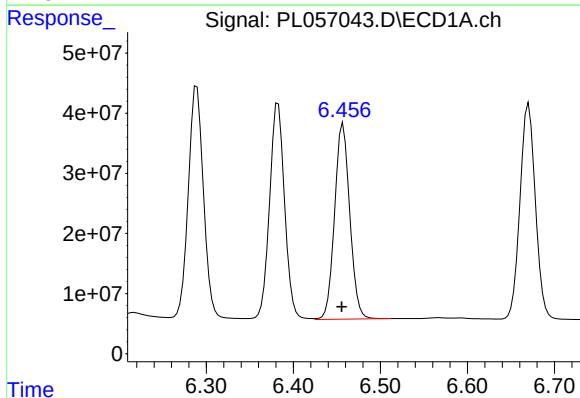
R.T.: 6.383 min  
Delta R.T.: 0.002 min  
Response: 437549125  
Conc: 44.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



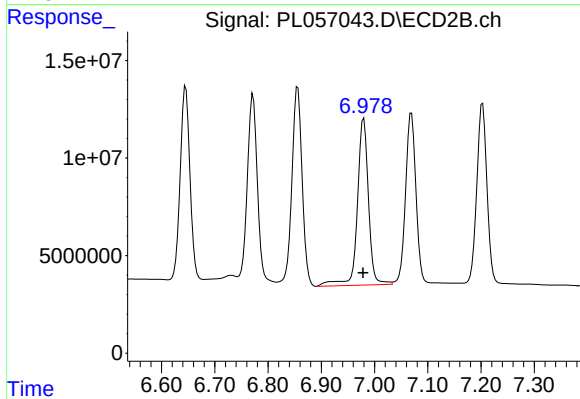
#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: 0.002 min  
Response: 118849610  
Conc: 48.31 ng/ml



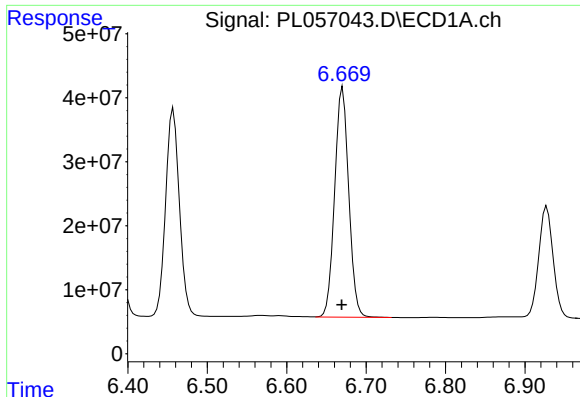
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.001 min  
Response: 395643114  
Conc: 44.22 ng/ml



#18 Endrin aldehyde

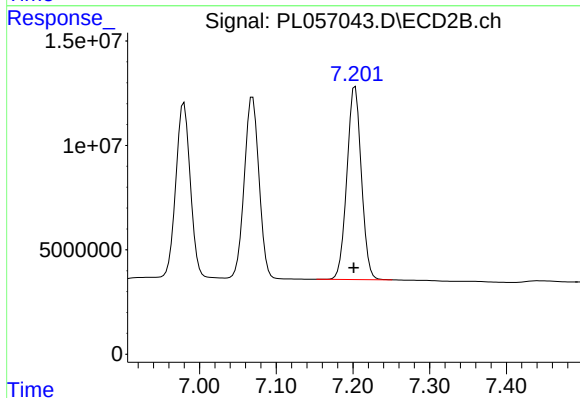
R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 123863307  
Conc: 53.45 ng/ml



#19 Endosulfan Sulfate

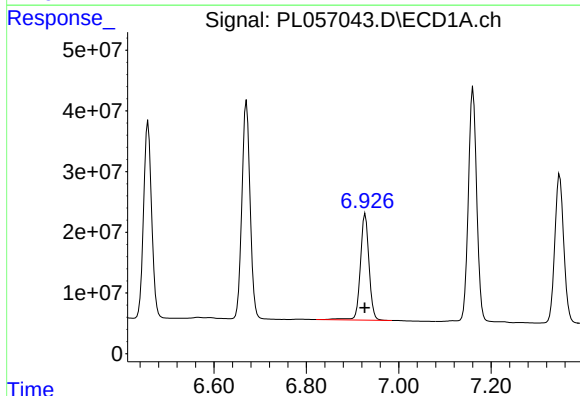
R.T.: 6.670 min  
Delta R.T.: 0.001 min  
Response: 441305093  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



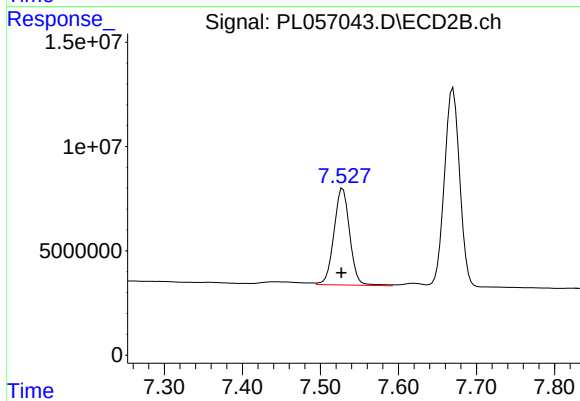
#19 Endosulfan Sulfate

R.T.: 7.203 min  
Delta R.T.: 0.002 min  
Response: 121852362  
Conc: 48.59 ng/ml



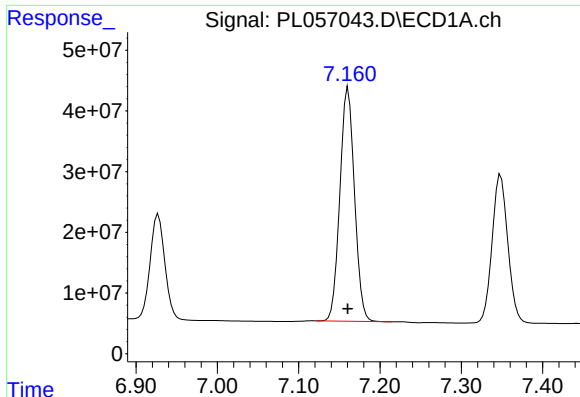
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.001 min  
Response: 227674424  
Conc: 45.66 ng/ml



#20 Methoxychlor

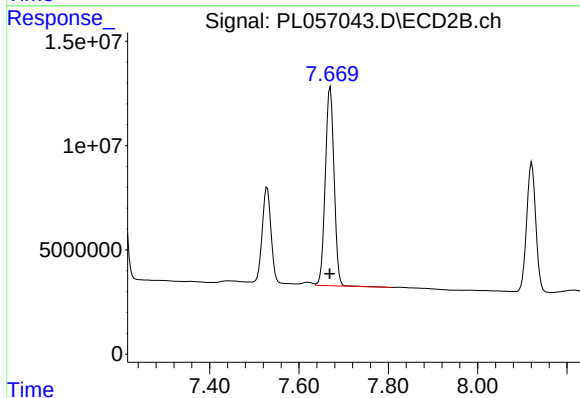
R.T.: 7.529 min  
Delta R.T.: 0.002 min  
Response: 65173308  
Conc: 52.17 ng/ml



#21 Endrin ketone

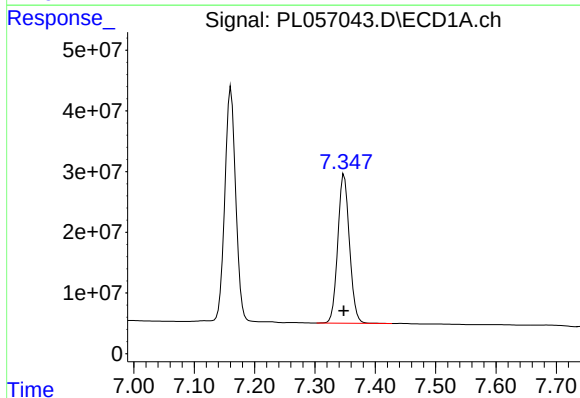
R.T.: 7.161 min  
Delta R.T.: 0.000 min  
Response: 479081326  
Conc: 42.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



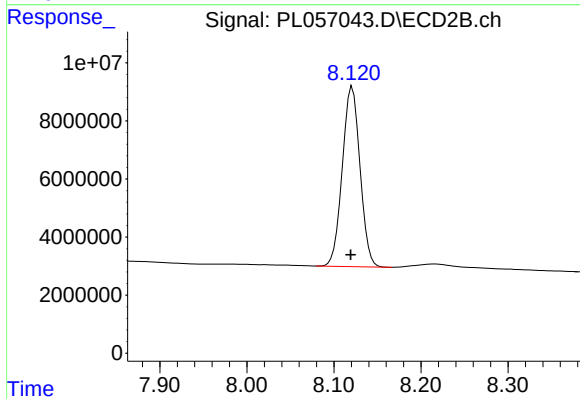
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.000 min  
Response: 130377708  
Conc: 47.58 ng/ml



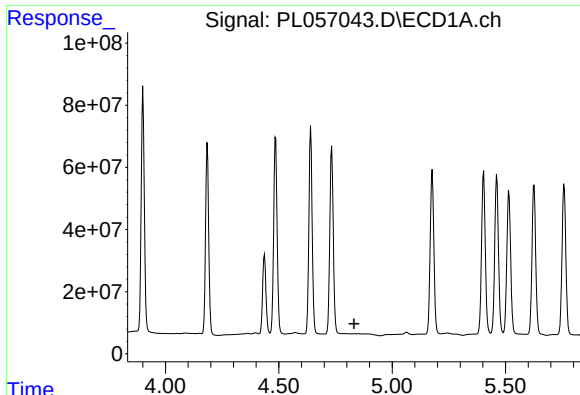
#22 Mirex

R.T.: 7.348 min  
Delta R.T.: 0.000 min  
Response: 329620145  
Conc: 40.68 ng/ml



#22 Mirex

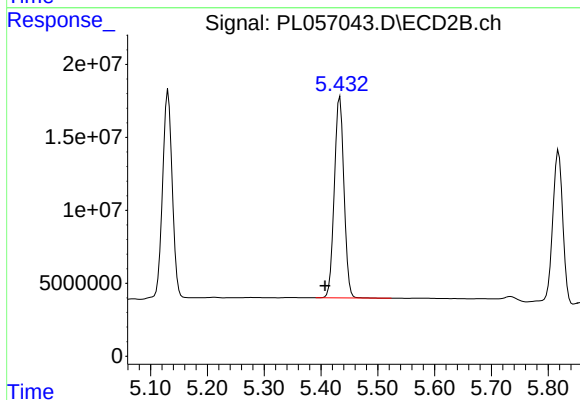
R.T.: 8.121 min  
Delta R.T.: 0.002 min  
Response: 87577085  
Conc: 45.68 ng/ml



#24 Chlordane-2

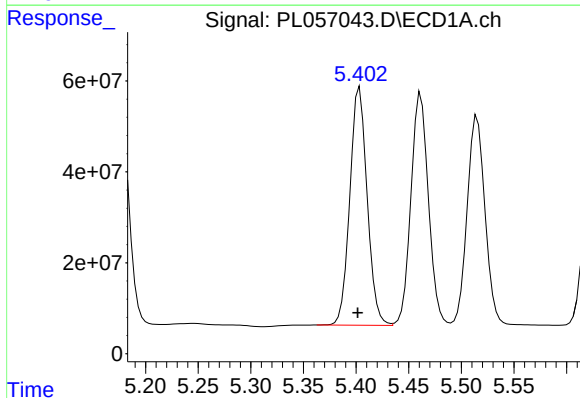
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



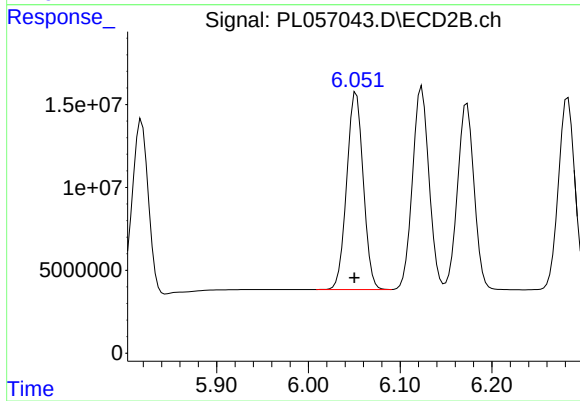
#24 Chlordane-2

R.T.: 5.433 min  
Delta R.T.: 0.026 min  
Response: 162740559  
Conc: 1704.91 ng/ml



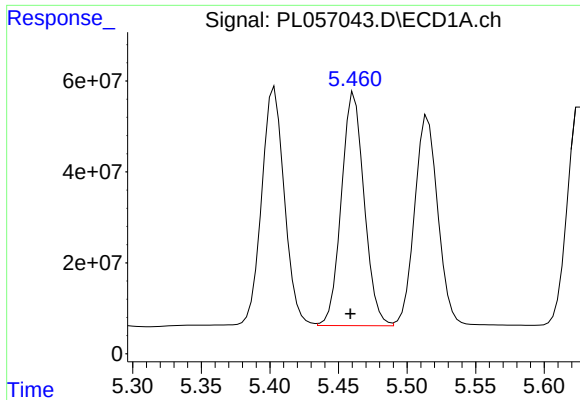
#25 Chlordane-3

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 601641343  
Conc: 557.78 ng/ml



#25 Chlordane-3

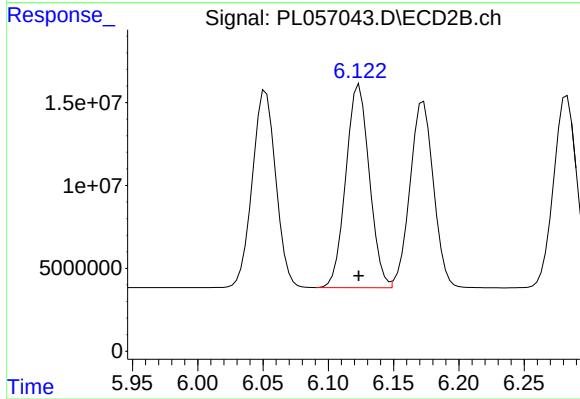
R.T.: 6.052 min  
Delta R.T.: 0.002 min  
Response: 149035965  
Conc: 393.25 ng/ml



#26 Chlordane-4

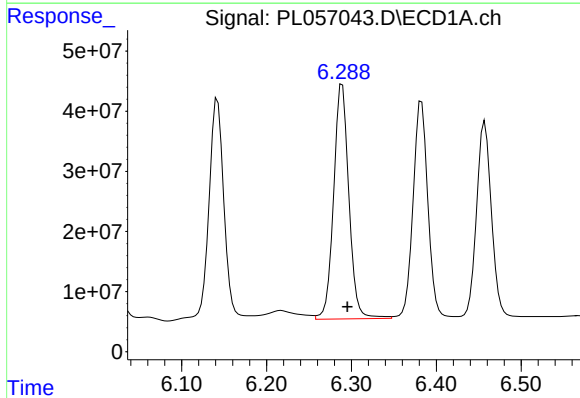
R.T.: 5.461 min  
Delta R.T.: 0.003 min  
Response: 593102050  
Conc: 645.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



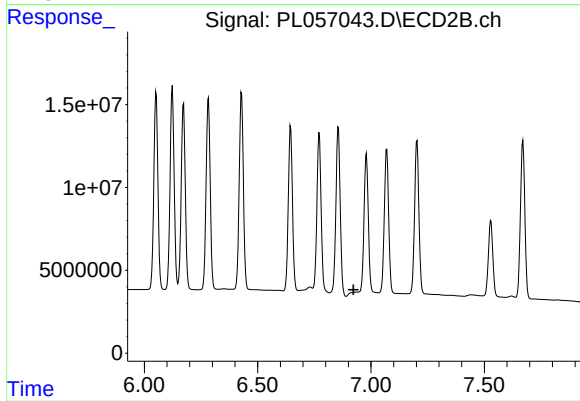
#26 Chlordane-4

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 153772865  
Conc: 335.36 ng/ml



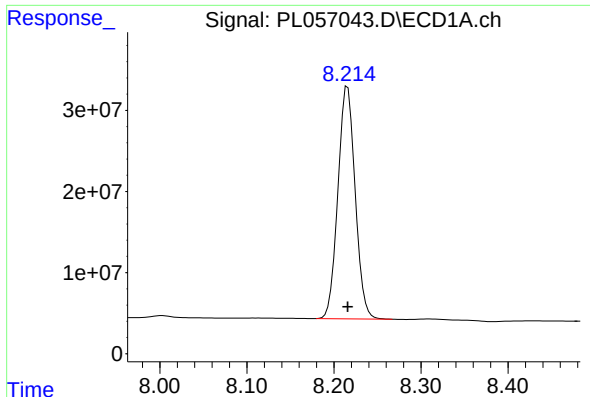
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.006 min  
Response: 488312916  
Conc: 1344.38 ng/ml



#27 Chlordane-5

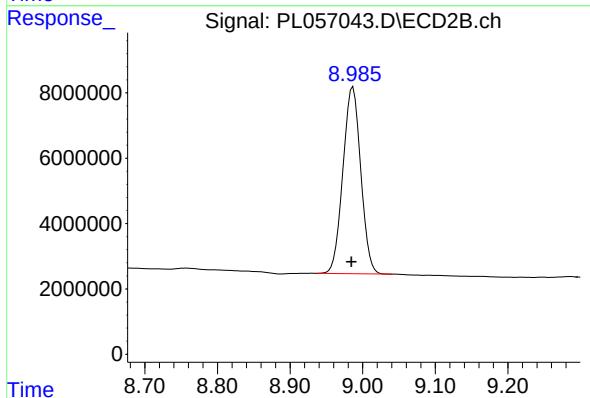
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: 0.000 min  
Response: 394707131  
Conc: 40.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: 0.002 min  
Response: 97552493  
Conc: 45.91 ng/ml