

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062118\  
 Data File : PL037272.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2018 04:42  
 Operator : UA\AJ  
 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: Jun 22 07:46:52 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.336 | 3.937 | 367.1E6  | 134.3E6  | 46.407   | 48.535     |
| 2)                          | SA Decachlor... | 8.019 | 8.949 | 303.9E6  | 104.5E6  | 50.370   | 52.648     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.767 | 4.316 | 582.1E6  | 191.9E6  | 47.547   | 49.454     |
| 3)                          | MA gamma-BHC... | 4.044 | 4.596 | 518.1E6  | 168.6E6  | 50.232   | 48.814     |
| 4)                          | MA Heptachlor   | 4.329 | 5.108 | 493.6E6  | 164.4E6  | 48.181   | 47.561     |
| 5)                          | MB Aldrin       | 4.569 | 5.410 | 494.3E6  | 150.8E6  | 48.567   | 48.054     |
| 6)                          | B beta-BHC      | 4.298 | 4.757 | 226.1E6  | 76401178 | 49.576   | 47.375     |
| 7)                          | B delta-BHC     | 4.493 | 4.972 | 512.1E6  | 158.0E6  | 48.403   | 56.007     |
| 8)                          | B Heptachlo...  | 5.008 | 5.790 | 515.8E6  | 155.2E6  | 55.063   | 54.432     |
| 9)                          | A Endosulfan I  | 5.340 | 6.143 | 406.6E6  | 121.4E6  | 48.053   | 47.332     |
| 10)                         | B gamma-Chl...  | 5.231 | 6.022 | 477.6E6  | 138.0E6  | 50.991   | 49.004     |
| 11)                         | B alpha-Chl...  | 5.288 | 6.097 | 447.7E6  | 136.3E6  | 49.295   | 47.345     |
| 12)                         | B 4,4'-DDE      | 5.457 | 6.252 | 442.2E6  | 120.0E6  | 50.062   | 47.147     |
| 13)                         | MA Dieldrin     | 5.580 | 6.397 | 426.9E6  | 126.6E6  | 48.216   | 47.427     |
| 14)                         | MA Endrin       | 5.834 | 6.611 | 376.7E6  | 112.8E6  | 47.819   | 49.039     |
| 15)                         | B Endosulfa...  | 6.109 | 6.813 | 350.1E6  | 114.1E6  | 47.611   | 46.007     |
| 16)                         | A 4,4'-DDD      | 5.969 | 6.733 | 318.9E6  | 97135010 | 48.559   | 47.321     |
| 17)                         | MA 4,4'-DDT     | 6.204 | 7.033 | 308.7E6  | 96790069 | 47.815   | 45.695     |
| 18)                         | B Endrin al...  | 6.277 | 6.936 | 268.8E6  | 92893589 | 48.126   | 46.164     |
| 19)                         | B Endosulfa...  | 6.488 | 7.158 | 312.9E6  | 101.0E6  | 46.776   | 46.396     |
| 20)                         | A Methoxychlor  | 6.753 | 7.487 | 156.2E6  | 53745330 | 45.947   | 48.015     |
| 21)                         | B Endrin ke...  | 6.972 | 7.622 | 323.0E6  | 104.7E6  | 45.412   | 51.574     |
| 23)                         | Chlordane-1     | 4.130 | 4.972 | 14193083 | 158.0E6  | 46.224   | 1314.521 # |
| 24)                         | Chlordane-2     | 0.000 | 5.410 | 0        | 150.8E6  | N.D.     | 1191.280 # |
| 25)                         | Chlordane-3     | 5.231 | 6.022 | 477.6E6  | 138.0E6  | 449.328  | 352.904    |
| 26)                         | Chlordane-4     | 5.288 | 6.097 | 447.7E6  | 136.3E6  | 464.626  | 284.378 #  |
| 27)                         | Chlordane-5     | 5.834 | 6.936 | 376.7E6  | 92893589 | 2878.469 | 1032.345 # |
| -----                       |                 |       |       |          |          |          |            |

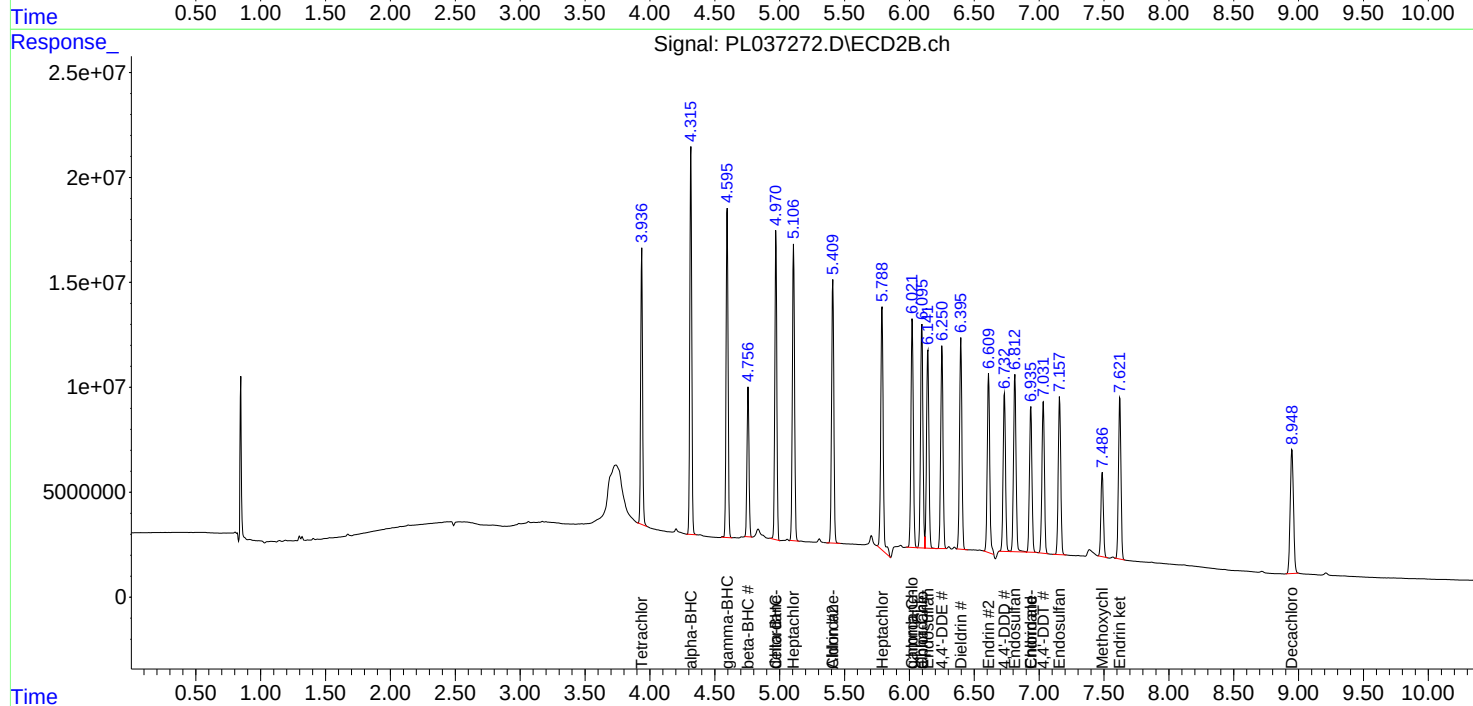
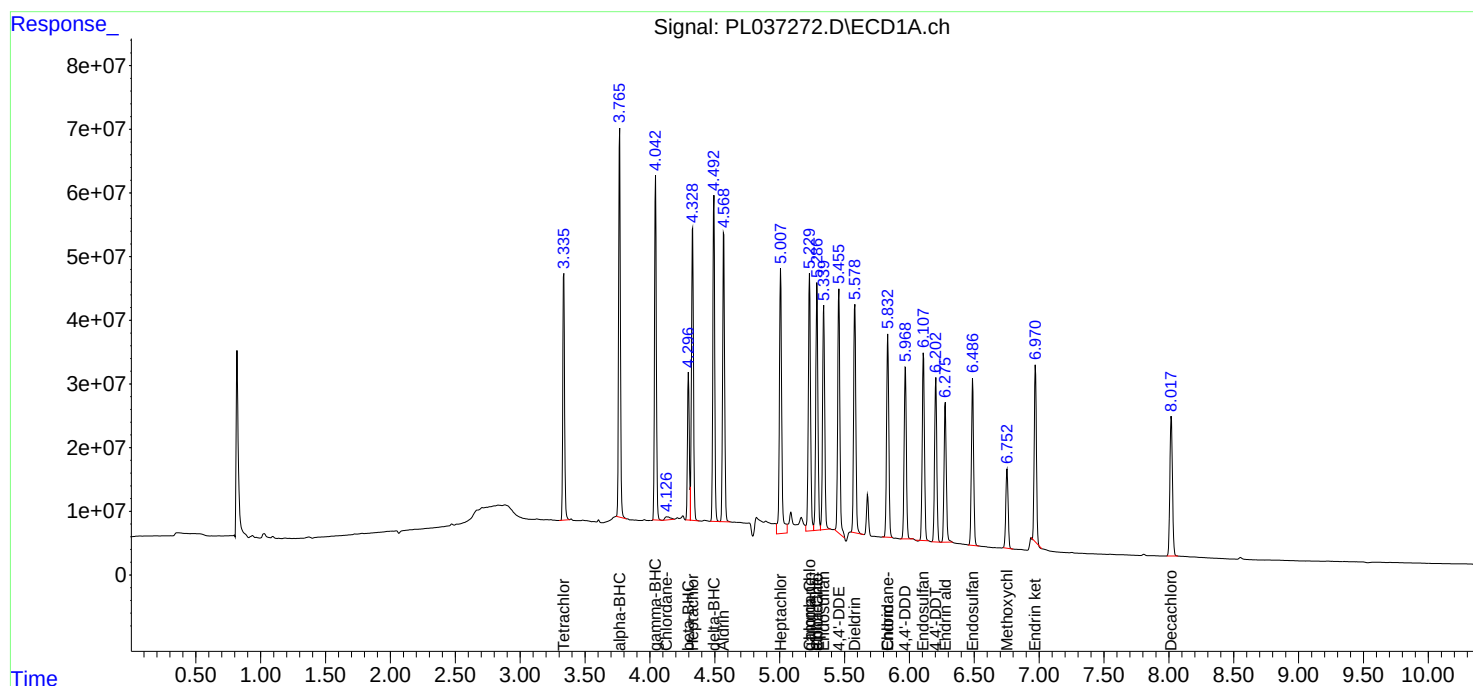
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

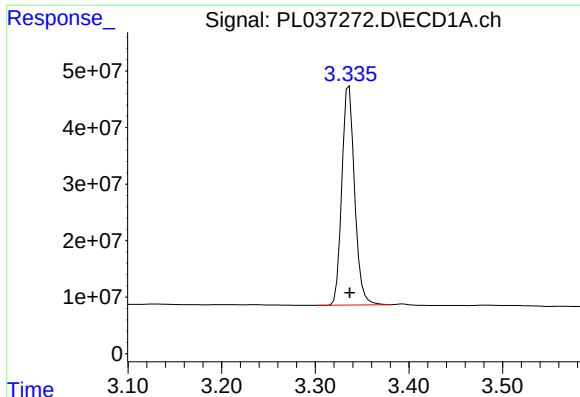
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062118\  
Data File : PL037272.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2018 04:42  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 07:46:52 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

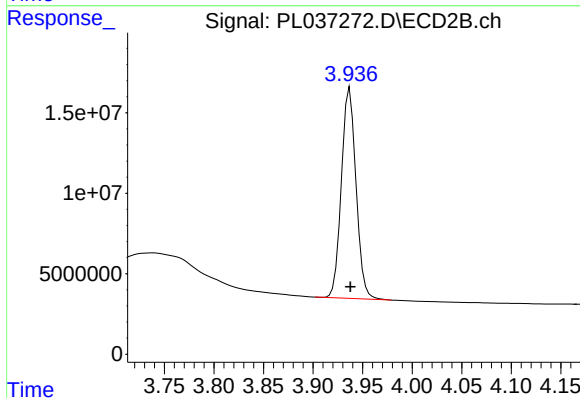




#1 Tetrachloro-m-xylene

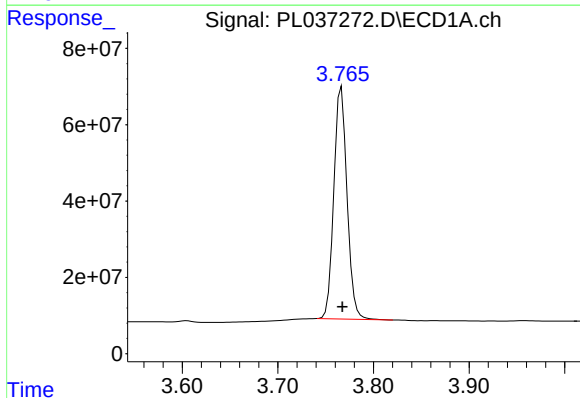
R.T.: 3.336 min  
Delta R.T.: 0.000 min  
Response: 367090802  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



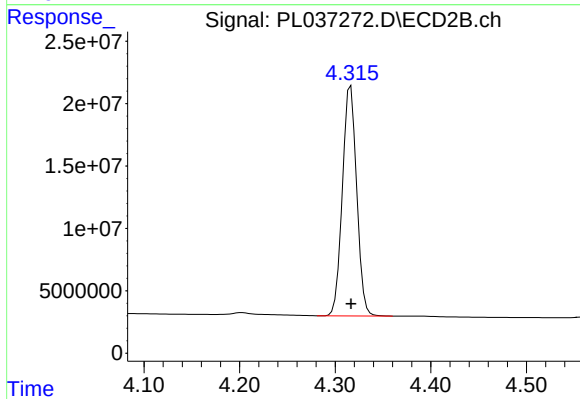
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 134282441  
Conc: 48.53 ng/ml



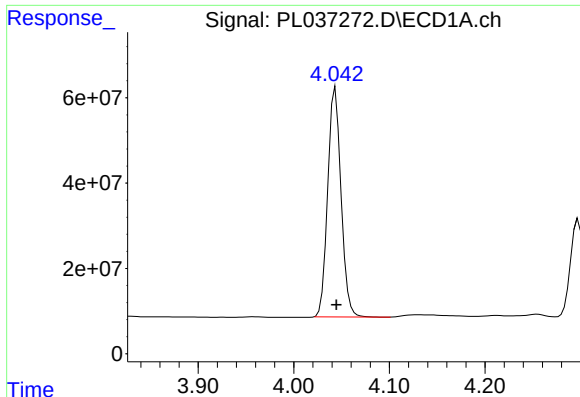
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 582108212  
Conc: 47.55 ng/ml



#2 alpha-BHC

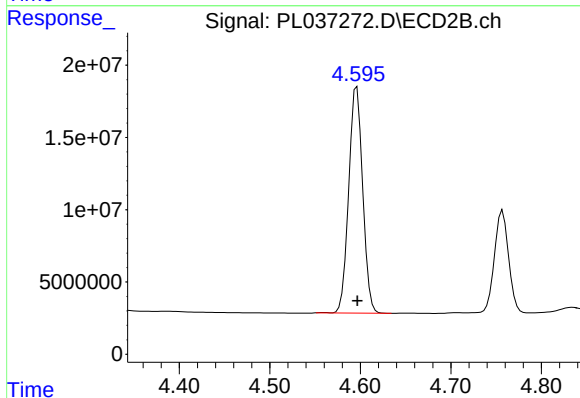
R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 191895205  
Conc: 49.45 ng/ml



#3 gamma-BHC (Lindane)

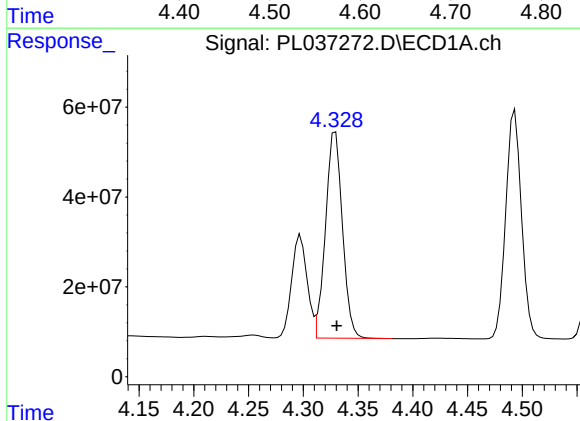
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 518124437  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



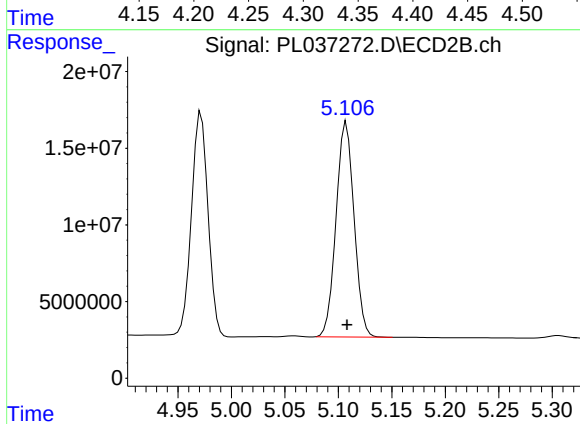
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: 0.000 min  
Response: 168590872  
Conc: 48.81 ng/ml



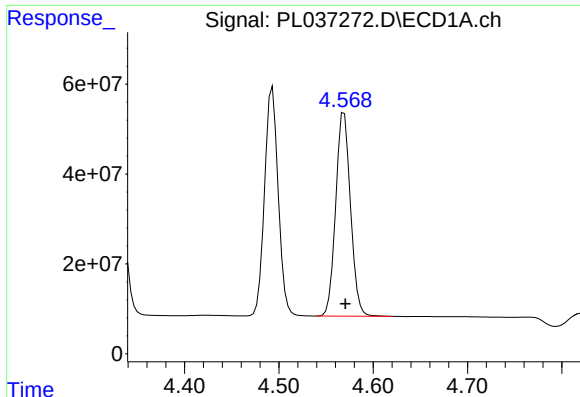
#4 Heptachlor

R.T.: 4.329 min  
Delta R.T.: -0.001 min  
Response: 493631988  
Conc: 48.18 ng/ml



#4 Heptachlor

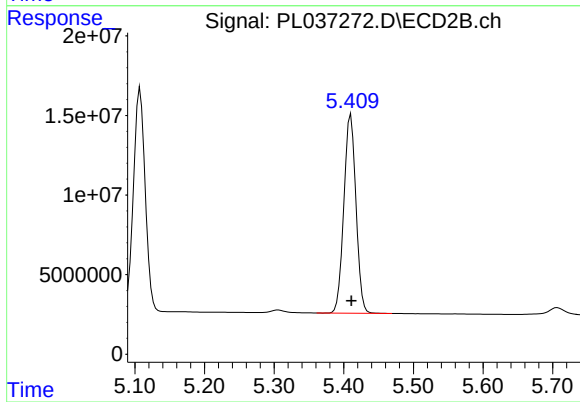
R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 164390013  
Conc: 47.56 ng/ml



#5 Aldrin

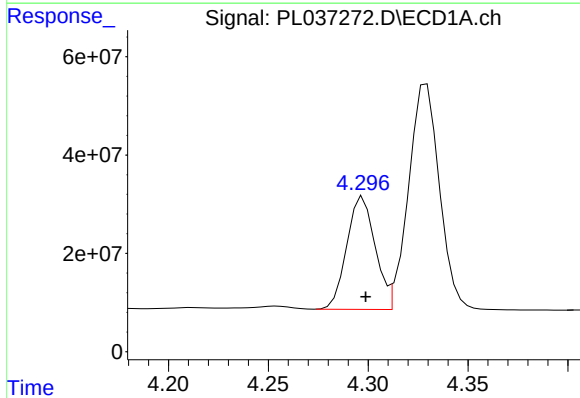
R.T.: 4.569 min  
Delta R.T.: -0.001 min  
Response: 494340891  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



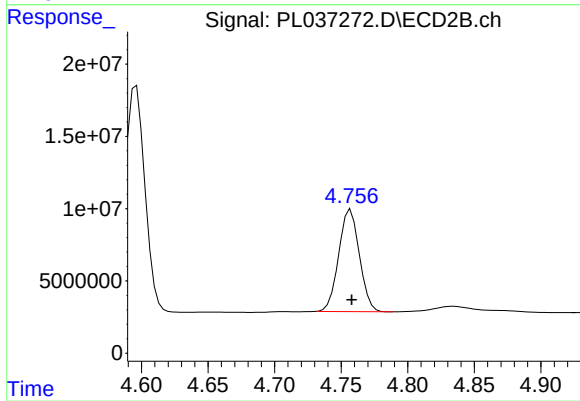
#5 Aldrin

R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 150757328  
Conc: 48.05 ng/ml



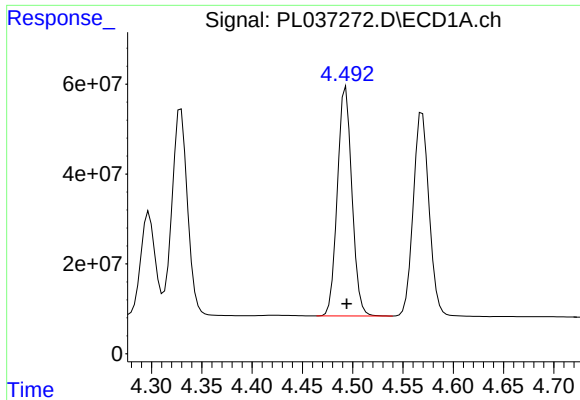
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: -0.001 min  
Response: 226110316  
Conc: 49.58 ng/ml



#6 beta-BHC

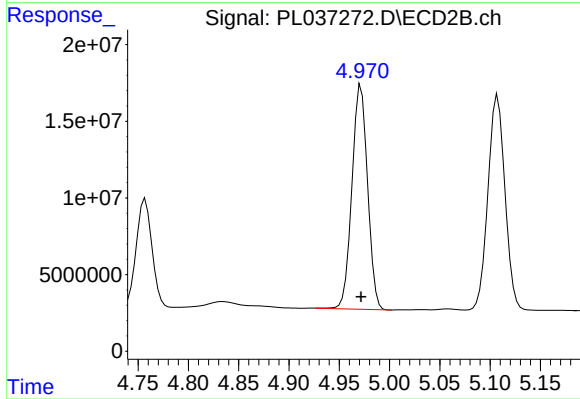
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 76401178  
Conc: 47.37 ng/ml



#7 delta-BHC

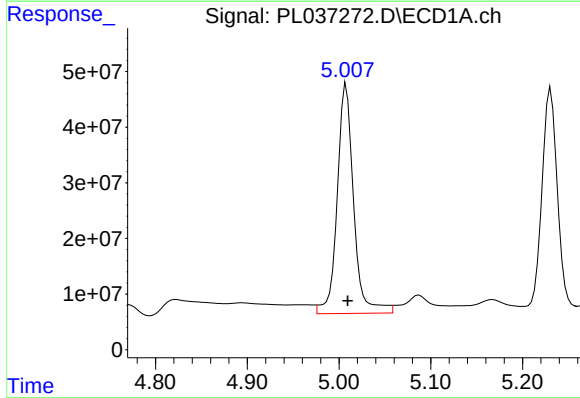
R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 512053963  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



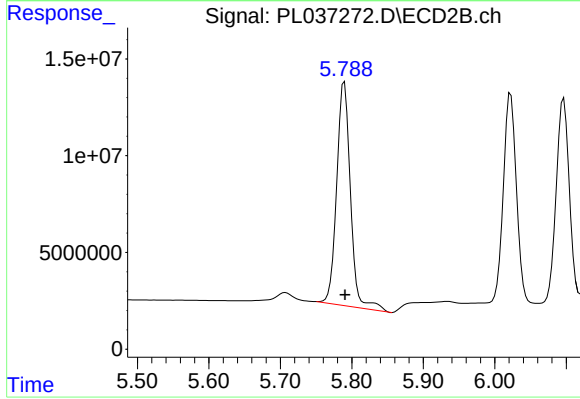
#7 delta-BHC

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 157954099  
Conc: 56.01 ng/ml



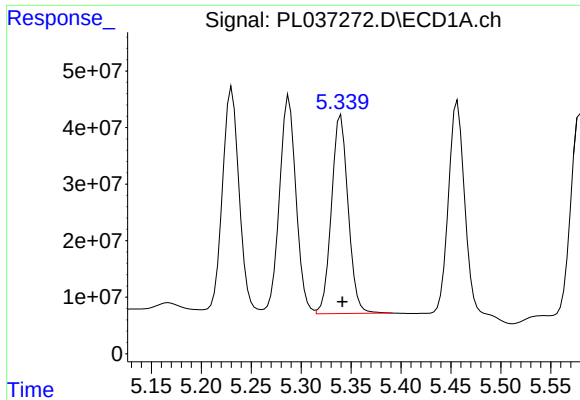
#8 Heptachlor epoxide

R.T.: 5.008 min  
Delta R.T.: -0.002 min  
Response: 515768133  
Conc: 55.06 ng/ml



#8 Heptachlor epoxide

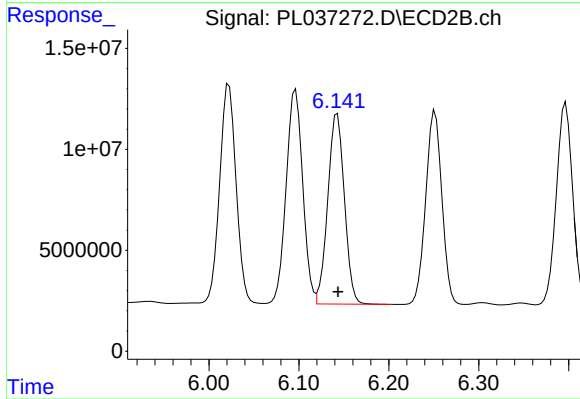
R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 155167483  
Conc: 54.43 ng/ml



#9 Endosulfan I

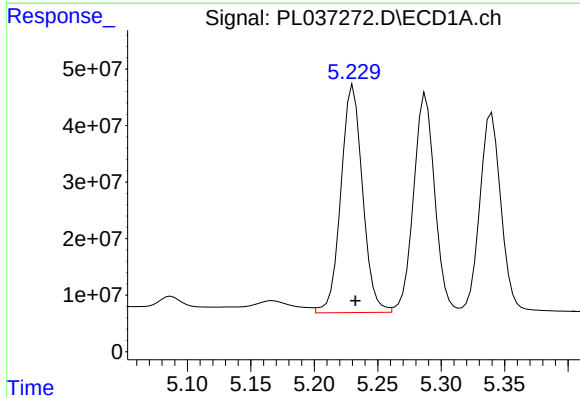
R.T.: 5.340 min  
Delta R.T.: -0.001 min  
Response: 406570107  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



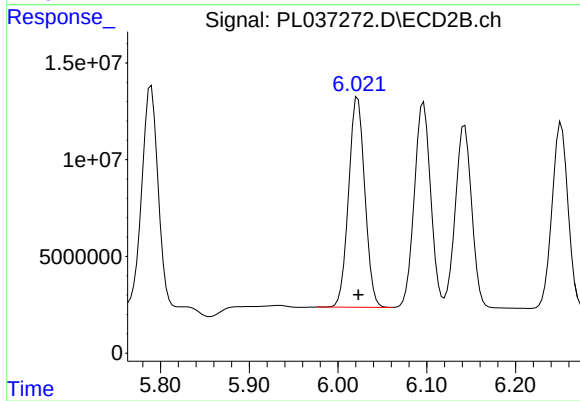
#9 Endosulfan I

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 121396864  
Conc: 47.33 ng/ml



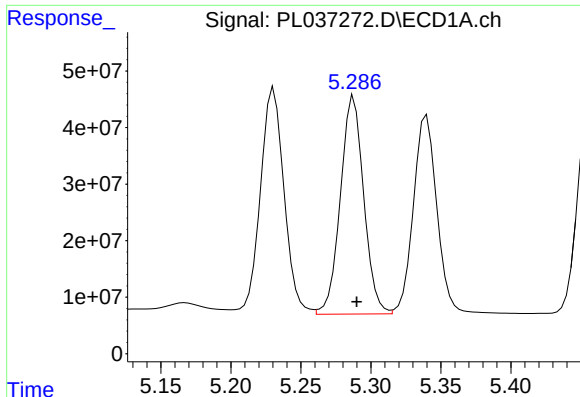
#10 gamma-Chlordane

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 477599756  
Conc: 50.99 ng/ml



#10 gamma-Chlordane

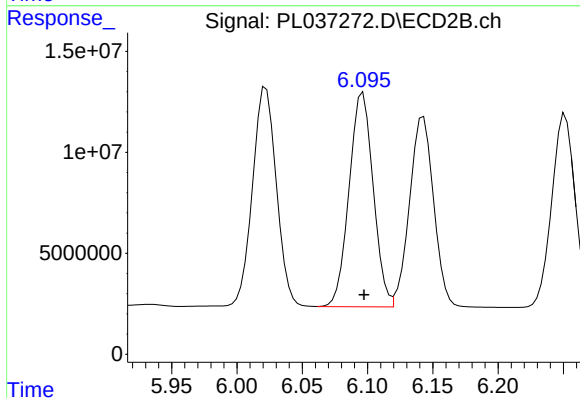
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 138015563  
Conc: 49.00 ng/ml



#11 alpha-Chlordane

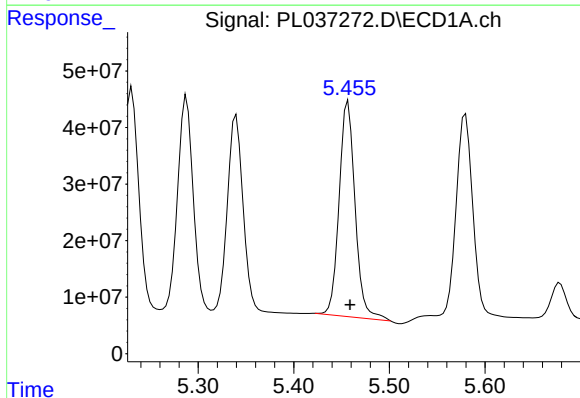
R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 447670678  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



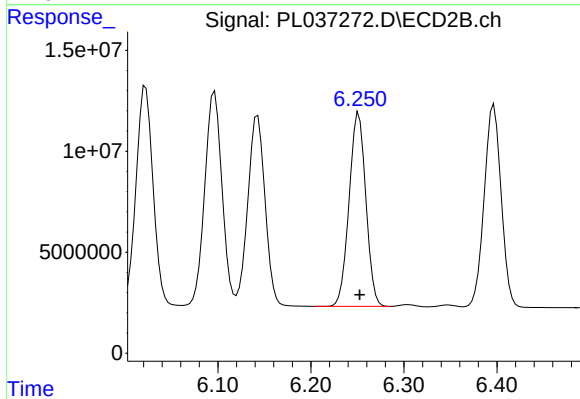
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 136271775  
Conc: 47.34 ng/ml



#12 4,4'-DDE

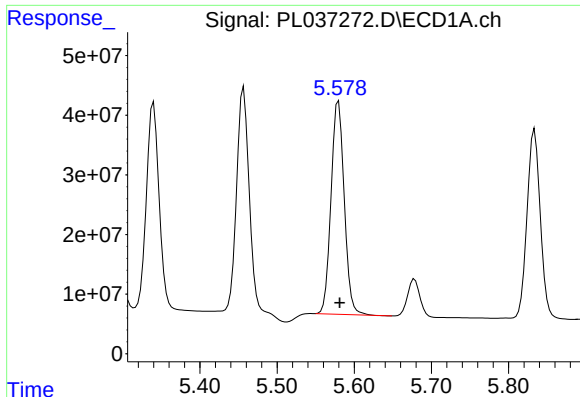
R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 442178466  
Conc: 50.06 ng/ml



#12 4,4'-DDE

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 119973292  
Conc: 47.15 ng/ml

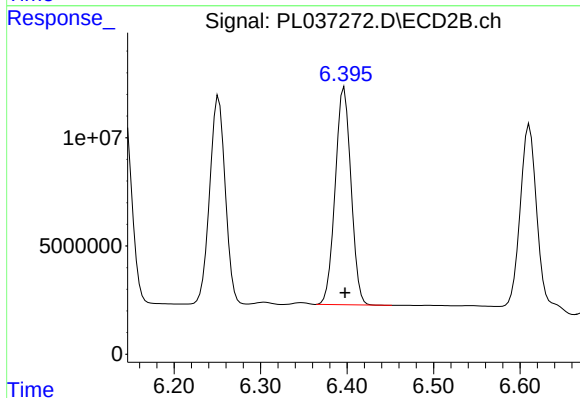




#13 Dieldrin

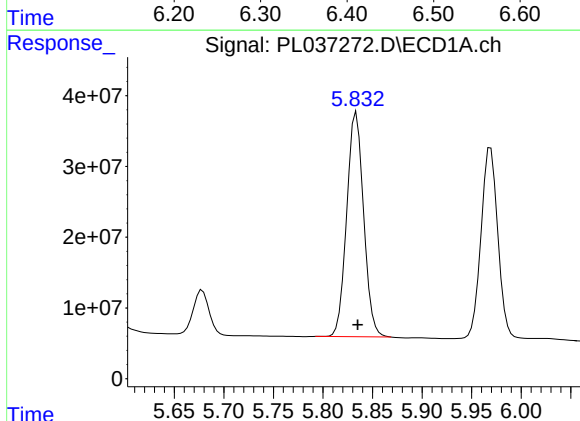
R.T.: 5.580 min  
Delta R.T.: -0.002 min  
Response: 426864121  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



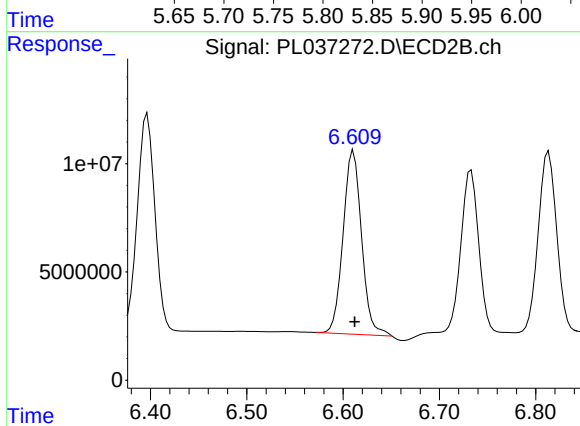
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 126594827  
Conc: 47.43 ng/ml



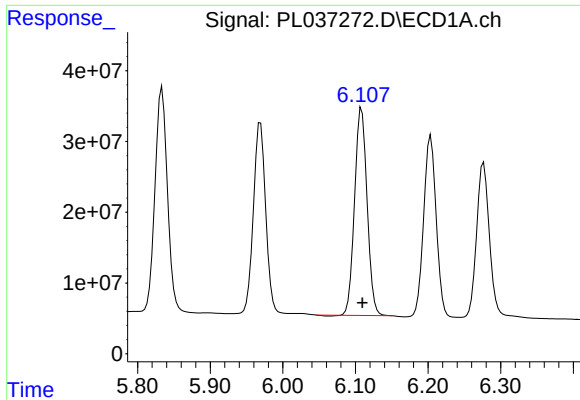
#14 Endrin

R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 376700177  
Conc: 47.82 ng/ml



#14 Endrin

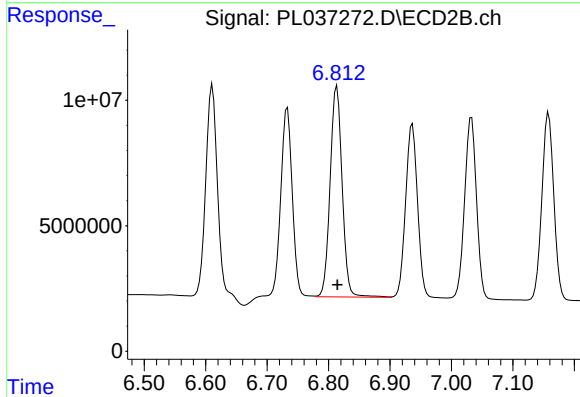
R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 112753966  
Conc: 49.04 ng/ml



#15 Endosulfan II

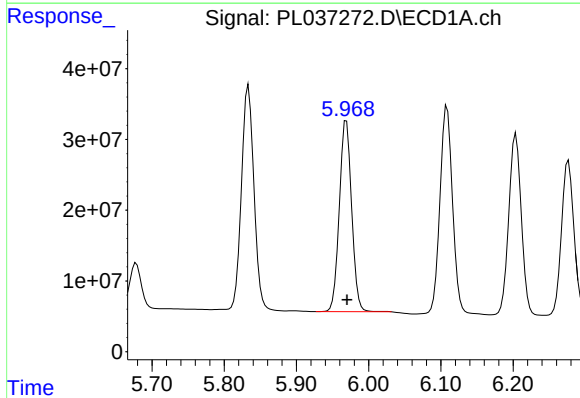
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 350107378  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



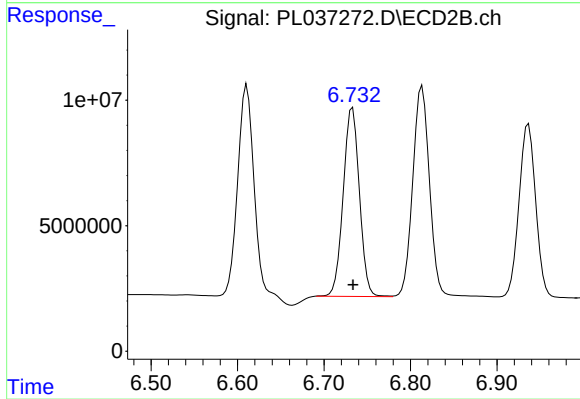
#15 Endosulfan II

R.T.: 6.813 min  
Delta R.T.: 0.000 min  
Response: 114098642  
Conc: 46.01 ng/ml



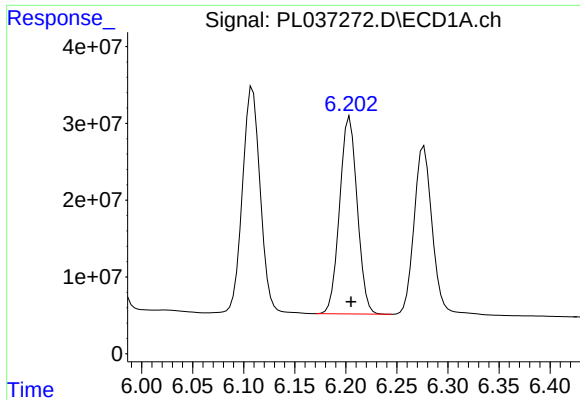
#16 4,4'-DDD

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 318891218  
Conc: 48.56 ng/ml



#16 4,4'-DDD

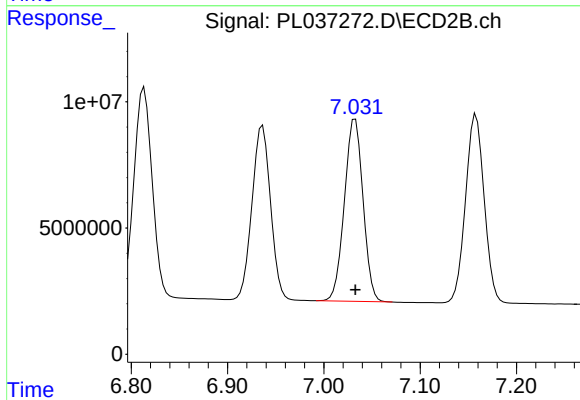
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 97135010  
Conc: 47.32 ng/ml



#17 4,4'-DDT

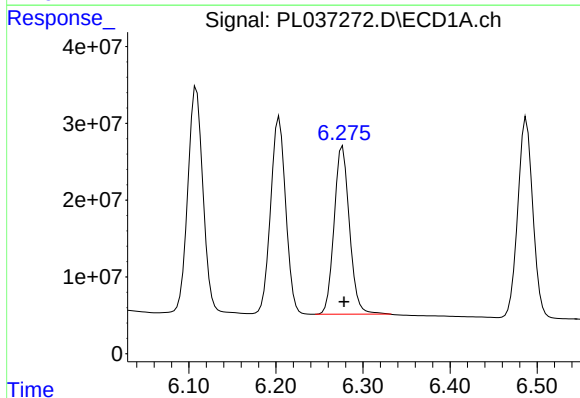
R.T.: 6.204 min  
Delta R.T.: -0.001 min  
Response: 308708082  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



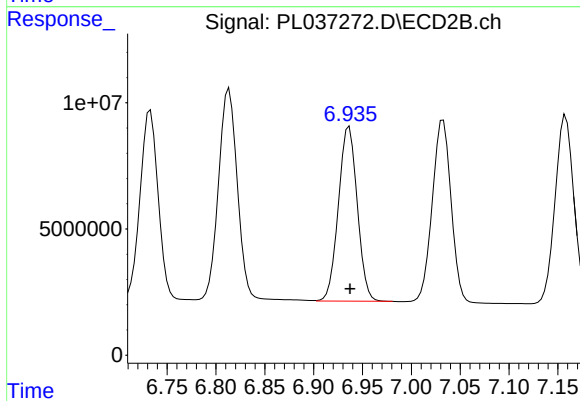
#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 96790069  
Conc: 45.70 ng/ml



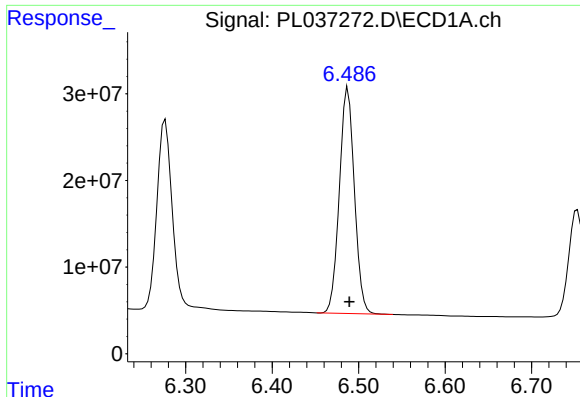
#18 Endrin aldehyde

R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 268759709  
Conc: 48.13 ng/ml



#18 Endrin aldehyde

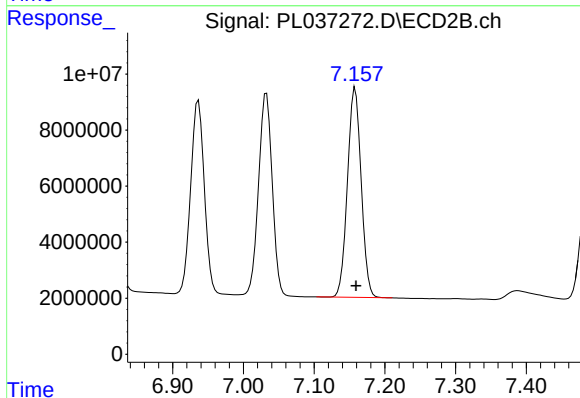
R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 92893589  
Conc: 46.16 ng/ml



#19 Endosulfan Sulfate

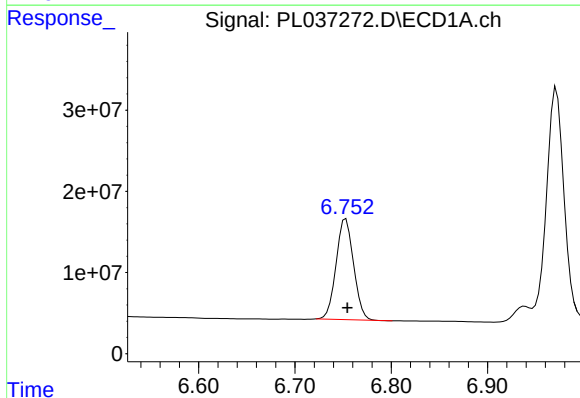
R.T.: 6.488 min  
Delta R.T.: -0.002 min  
Response: 312933532  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



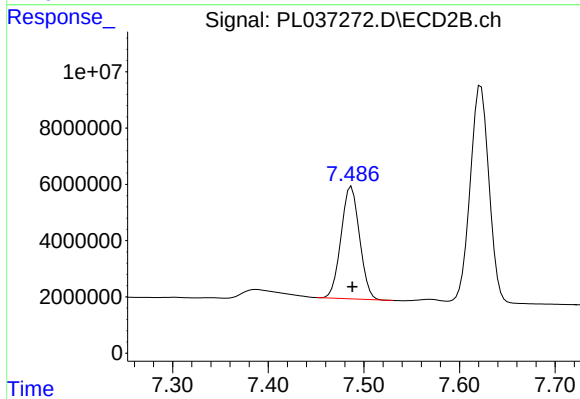
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 100978804  
Conc: 46.40 ng/ml



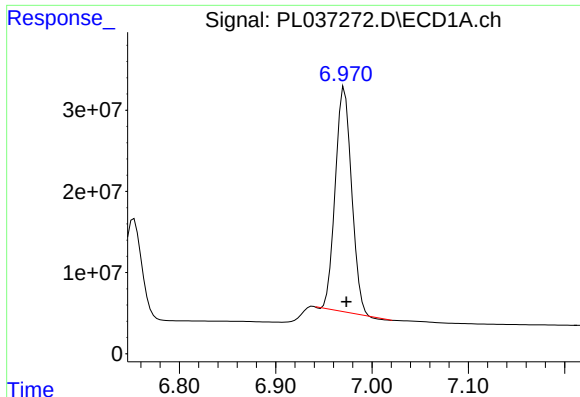
#20 Methoxychlor

R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 156173133  
Conc: 45.95 ng/ml



#20 Methoxychlor

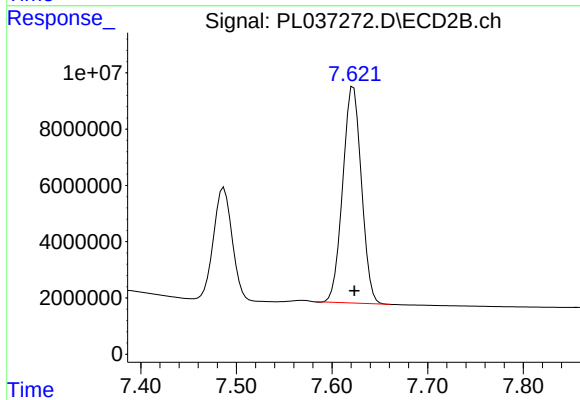
R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 53745330  
Conc: 48.01 ng/ml



#21 Endrin ketone

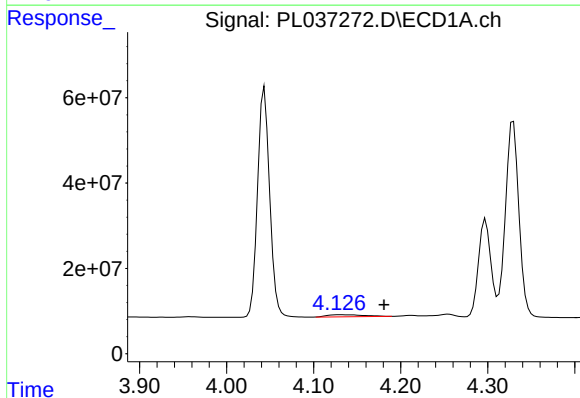
R.T.: 6.972 min  
Delta R.T.: -0.002 min  
Response: 322957366  
Conc: 45.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



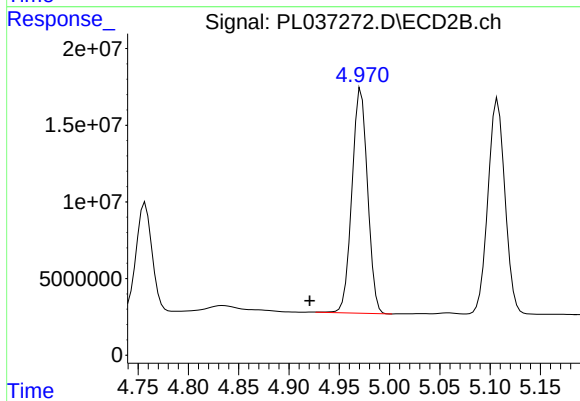
#21 Endrin ketone

R.T.: 7.622 min  
Delta R.T.: 0.000 min  
Response: 104678081  
Conc: 51.57 ng/ml



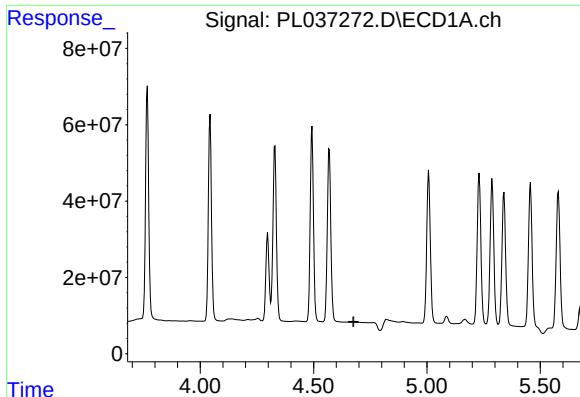
#23 Chlordane-1

R.T.: 4.130 min  
Delta R.T.: -0.051 min  
Response: 14193083  
Conc: 46.22 ng/ml



#23 Chlordane-1

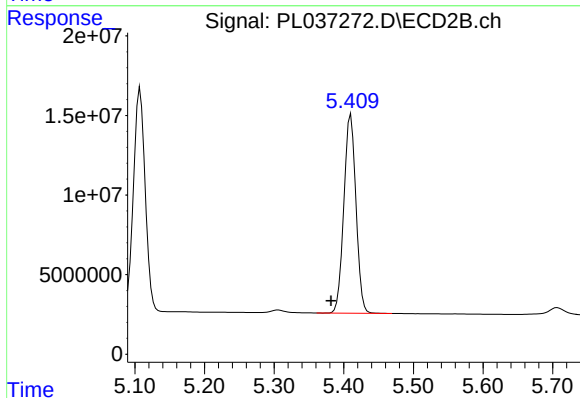
R.T.: 4.972 min  
Delta R.T.: 0.051 min  
Response: 157954099  
Conc: 1314.52 ng/ml



#24 Chlordane-2

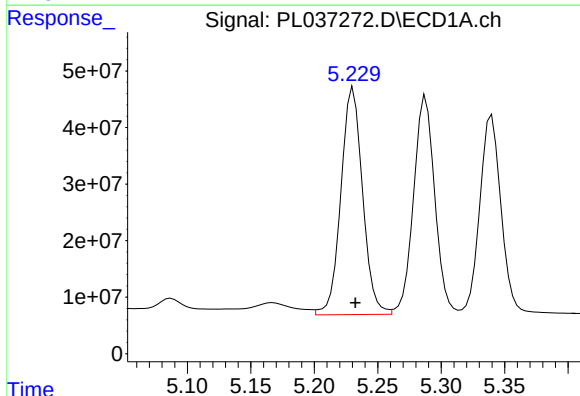
R.T.: 0.000 min  
Exp R.T.: 4.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



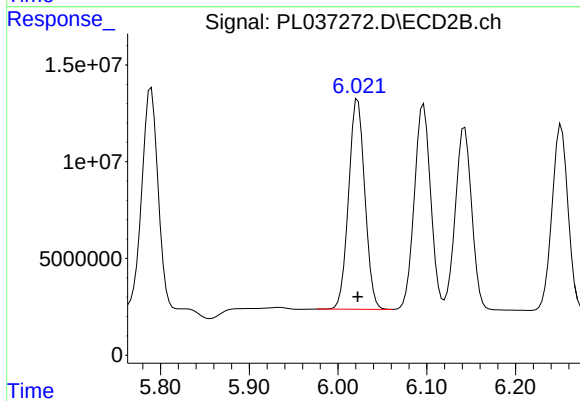
#24 Chlordane-2

R.T.: 5.410 min  
Delta R.T.: 0.028 min  
Response: 150757328  
Conc: 1191.28 ng/ml



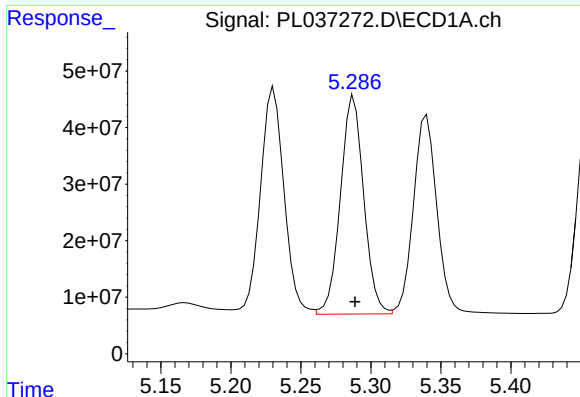
#25 Chlordane-3

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 477599756  
Conc: 449.33 ng/ml



#25 Chlordane-3

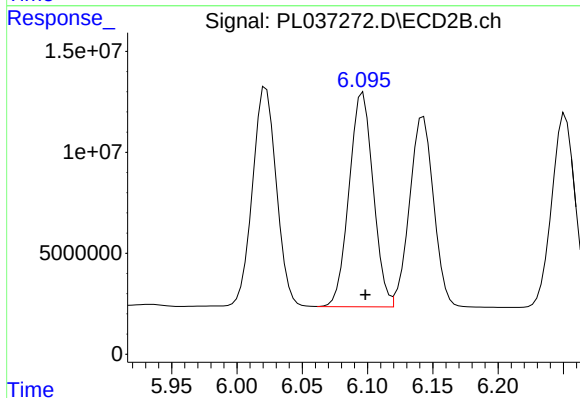
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 138015563  
Conc: 352.90 ng/ml



#26 Chlordane-4

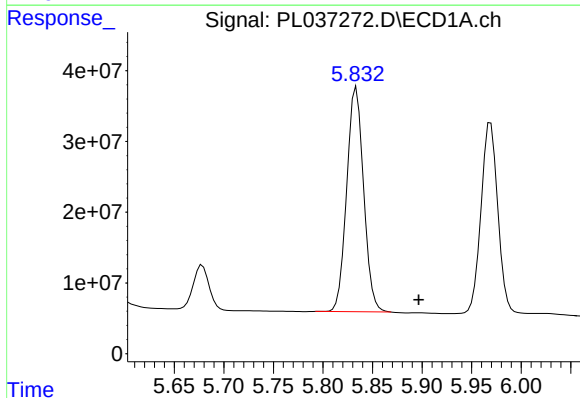
R.T.: 5.288 min  
Delta R.T.: 0.000 min  
Response: 447670678  
Conc: 464.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



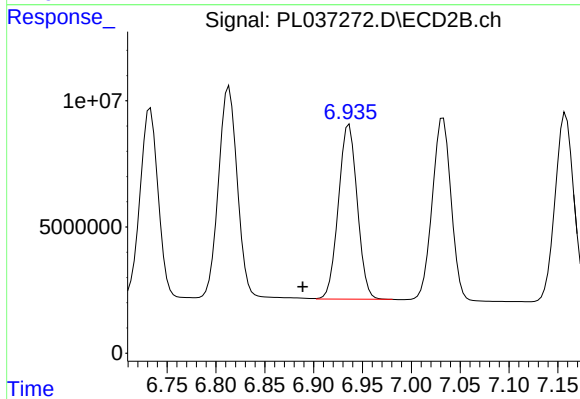
#26 Chlordane-4

R.T.: 6.097 min  
Delta R.T.: -0.002 min  
Response: 136271775  
Conc: 284.38 ng/ml



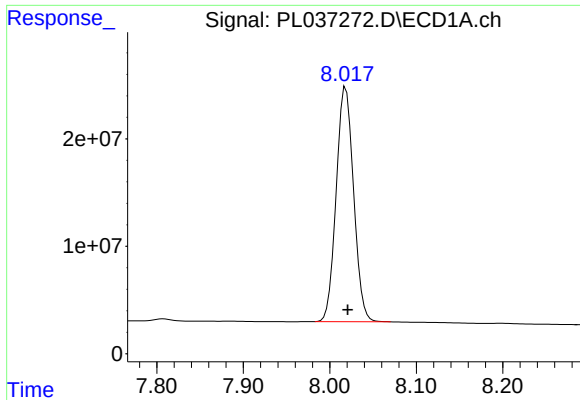
#27 Chlordane-5

R.T.: 5.834 min  
Delta R.T.: -0.063 min  
Response: 376700177  
Conc: 2878.47 ng/ml



#27 Chlordane-5

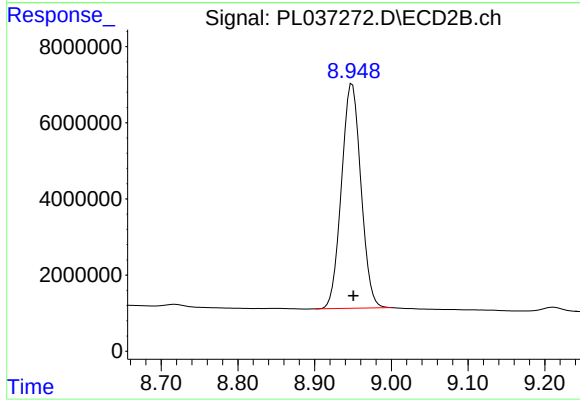
R.T.: 6.936 min  
Delta R.T.: 0.047 min  
Response: 92893589  
Conc: 1032.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.019 min  
Delta R.T.: -0.002 min  
Response: 303932678  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.002 min  
Response: 104450905  
Conc: 52.65 ng/ml