

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102023\  
 Data File : PL086057.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2023 14:50  
 Operator : AR\AJ  
 Sample : PB156529BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 22:35:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 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... | 3.355  | 2.620  | 50915340 | 15542340 | 17.119   | 16.639    |
| 28)                         | SA Decachlor... | 8.861  | 7.775  | 48890283 | 21280478 | 22.447   | 23.056    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.809  | 3.119  | 218.8E6  | 62739182 | 50.990   | 49.867    |
| 3)                          | MA gamma-BHC... | 4.141  | 3.447  | 201.3E6  | 60336785 | 48.696   | 48.921    |
| 4)                          | MA Heptachlor   | 4.728  | 3.783  | 212.4E6  | 63682209 | 54.918   | 54.754    |
| 5)                          | MB Aldrin       | 5.068  | 4.060  | 194.2E6  | 58675390 | 50.095   | 52.470    |
| 6)                          | B beta-BHC      | 4.344  | 3.748  | 84740816 | 26762972 | 51.246   | 51.409    |
| 7)                          | B delta-BHC     | 4.587  | 3.974  | 190.8E6  | 58190477 | 49.756   | 50.646    |
| 8)                          | B Heptachlo...  | 5.499  | 4.565  | 175.5E6  | 55704203 | 50.879   | 55.460    |
| 9)                          | A Endosulfan I  | 5.883  | 4.933  | 171.4E6  | 54110790 | 53.004   | 50.442    |
| 10)                         | B gamma-Chl...  | 5.756  | 4.817  | 186.3E6  | 58985864 | 54.463   | 59.559    |
| 11)                         | B alpha-Chl...  | 5.835  | 4.880  | 180.6E6  | 58323689 | 52.849   | 53.472    |
| 12)                         | B 4,4'-DDE      | 6.019  | 5.080  | 156.1E6  | 50262123 | 55.823   | 61.210    |
| 13)                         | MA Dieldrin     | 6.160  | 5.198  | 166.9E6  | 54344700 | 50.779   | 56.013    |
| 14)                         | MA Endrin       | 6.389  | 5.472  | 149.6E6  | 49344999 | 52.484   | 54.888    |
| 15)                         | B Endosulfa...  | 6.611  | 5.770  | 148.4E6  | 48300583 | 53.839   | 50.792    |
| 16)                         | A 4,4'-DDD      | 6.539  | 5.636  | 119.9E6  | 42330935 | 59.492   | 60.816    |
| 17)                         | MA 4,4'-DDT     | 6.854  | 5.887  | 135.1E6  | 46361900 | 57.296   | 58.630    |
| 18)                         | B Endrin al...  | 6.743  | 5.952  | 109.4E6  | 40674901 | 53.960   | 54.545    |
| 19)                         | B Endosulfa...  | 6.979  | 6.177  | 136.7E6  | 49858608 | 54.464   | 55.268    |
| 20)                         | A Methoxychlor  | 7.340  | 6.472  | 71401036 | 27735096 | 51.124   | 52.721    |
| 21)                         | B Endrin ke...  | 7.461  | 6.679  | 143.0E6  | 58198577 | 49.646   | 50.633    |
| 22)                         | Mirex           | 7.934  | 6.855  | 115.2E6  | 49220532 | 52.023   | 52.186    |
| 23)                         | Chlordane-1     | 0.000  | 3.635f | 0        | 104388   | N.D.     | 3.202 #   |
| 24)                         | Chlordane-2     | 5.068f | 4.176f | 194.2E6  | 253623   | 1493.216 | 6.518 #   |
| 25)                         | Chlordane-3     | 5.756  | 4.817  | 186.3E6  | 58985864 | 365.231  | 583.743 # |
| 26)                         | Chlordane-4     | 5.835  | 4.880  | 180.6E6  | 58323689 | 284.693  | 503.728 # |
| -----                       |                 |        |        |          |          |          |           |

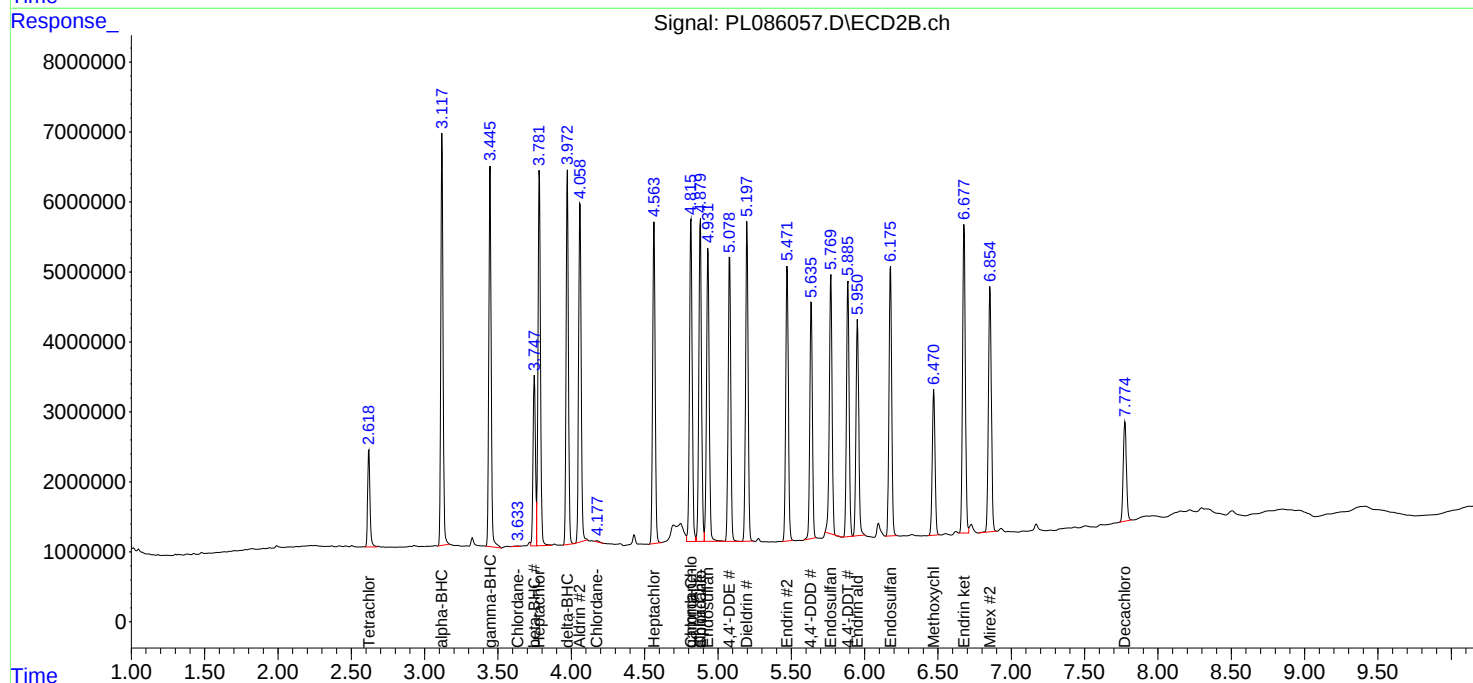
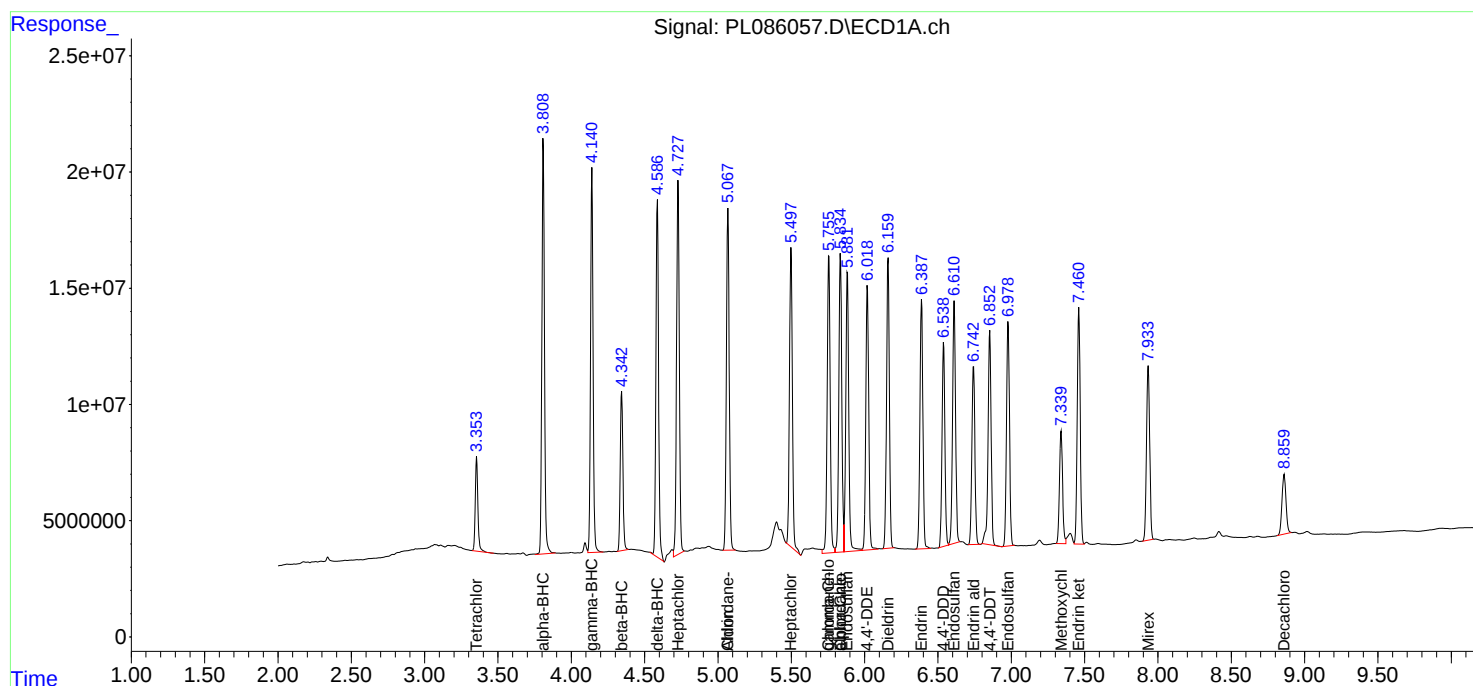
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

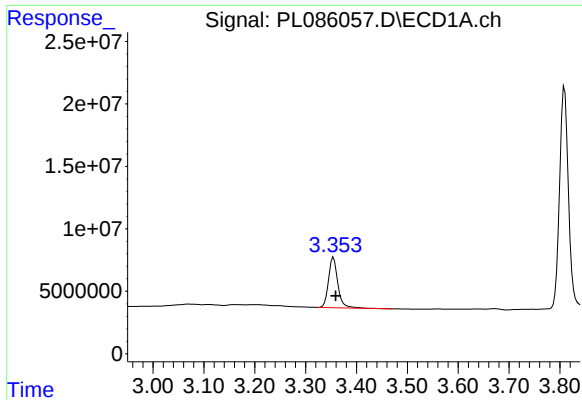
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102023\  
Data File : PL086057.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2023 14:50  
Operator : AR\AJ  
Sample : PB156529BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 22:35:30 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
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

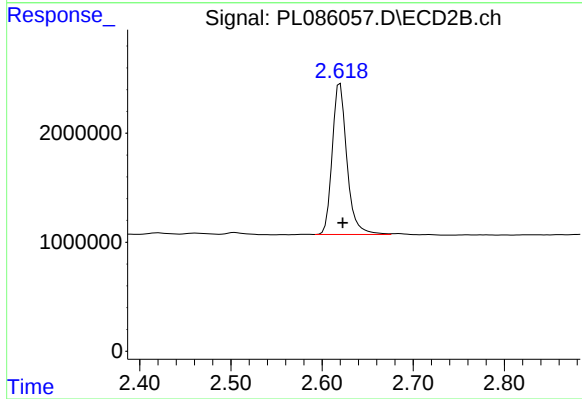




#1 Tetrachloro-m-xylene

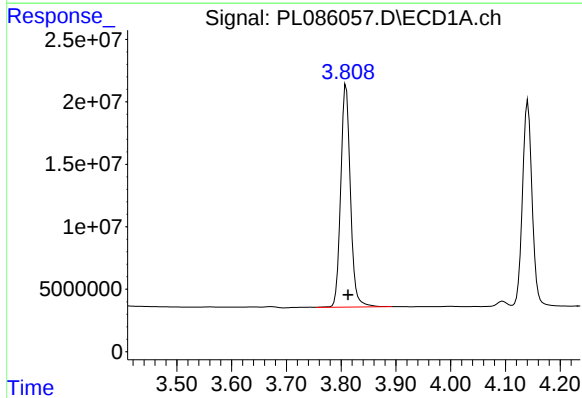
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 50915340  
Conc: 17.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



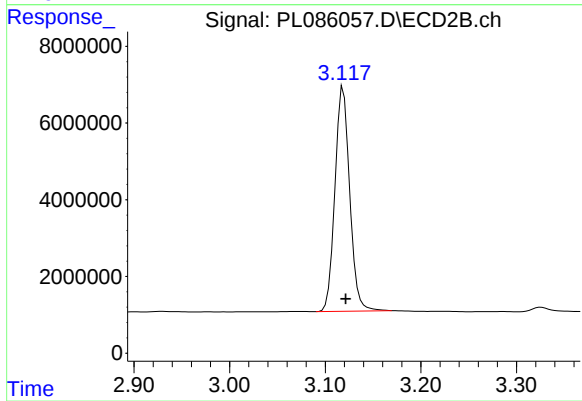
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: -0.003 min  
Response: 15542340  
Conc: 16.64 ng/ml



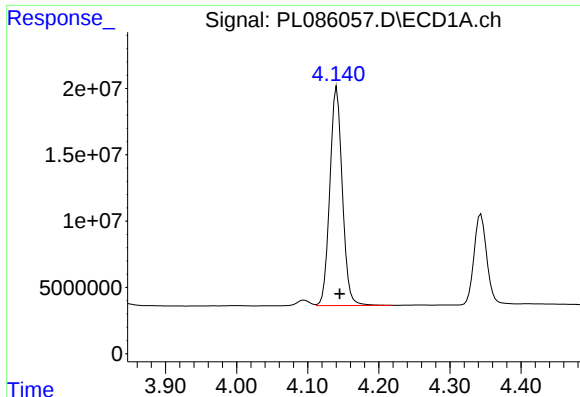
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: -0.004 min  
Response: 218845823  
Conc: 50.99 ng/ml



#2 alpha-BHC

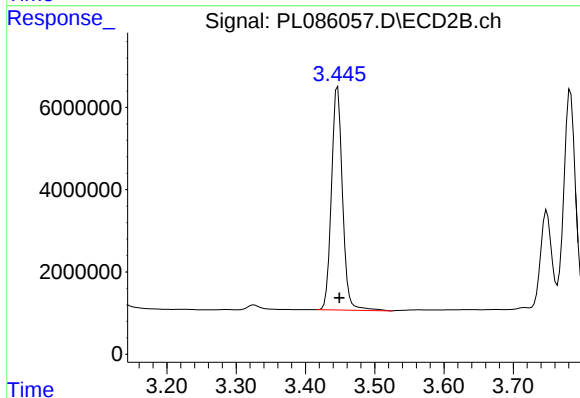
R.T.: 3.119 min  
Delta R.T.: -0.003 min  
Response: 62739182  
Conc: 49.87 ng/ml



#3 gamma-BHC (Lindane)

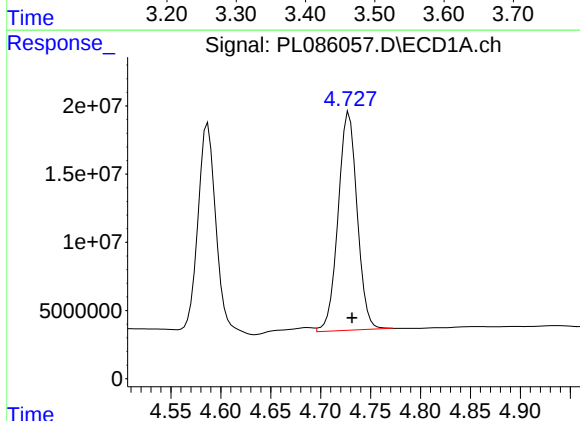
R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 201274255  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



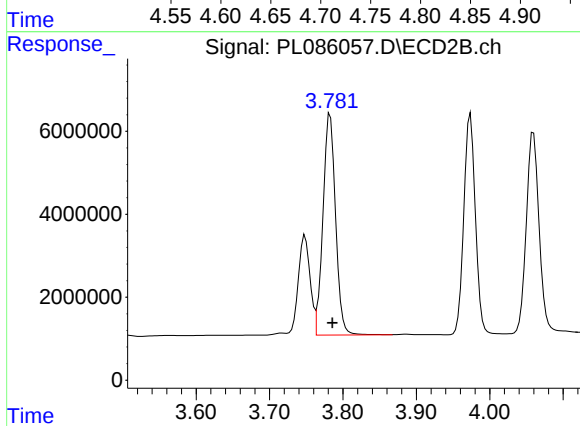
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: -0.003 min  
Response: 60336785  
Conc: 48.92 ng/ml



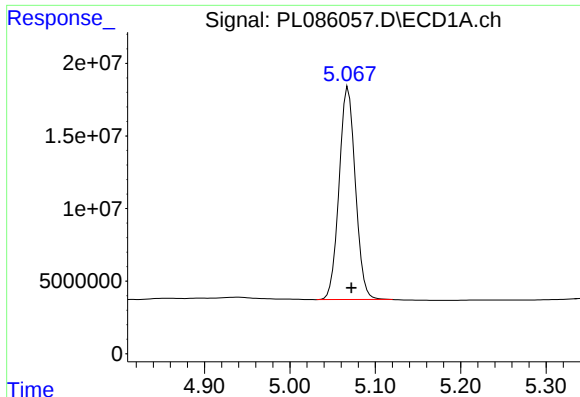
#4 Heptachlor

R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 212401072  
Conc: 54.92 ng/ml



#4 Heptachlor

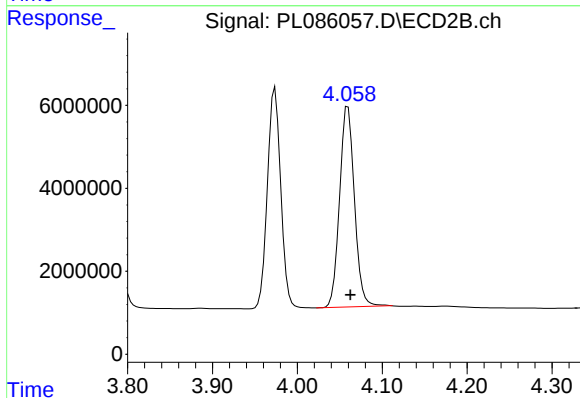
R.T.: 3.783 min  
Delta R.T.: -0.003 min  
Response: 63682209  
Conc: 54.75 ng/ml



#5 Aldrin

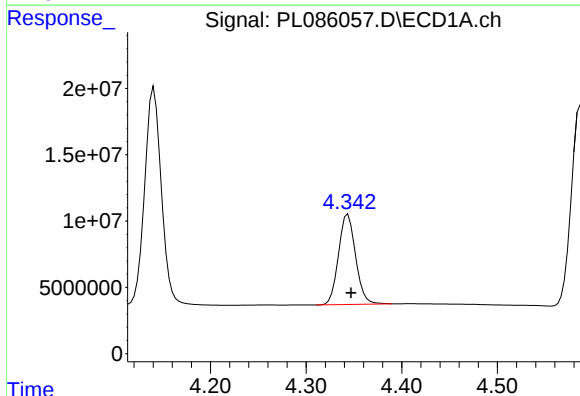
R.T.: 5.068 min  
Delta R.T.: -0.004 min  
Response: 194183605  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



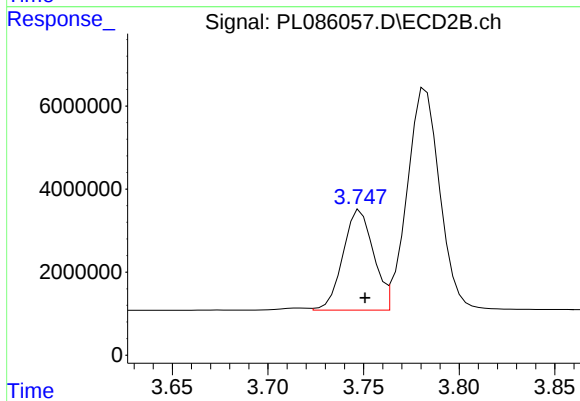
#5 Aldrin

R.T.: 4.060 min  
Delta R.T.: -0.003 min  
Response: 58675390  
Conc: 52.47 ng/ml



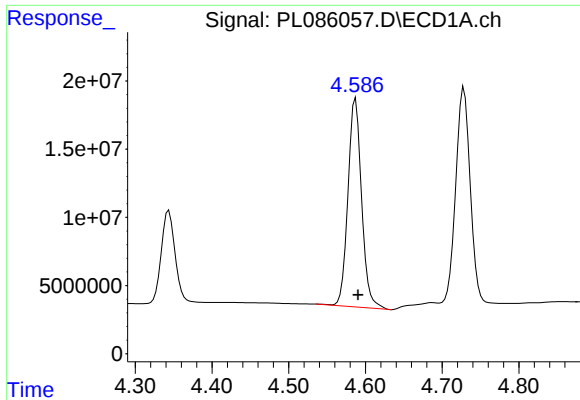
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: -0.003 min  
Response: 84740816  
Conc: 51.25 ng/ml



#6 beta-BHC

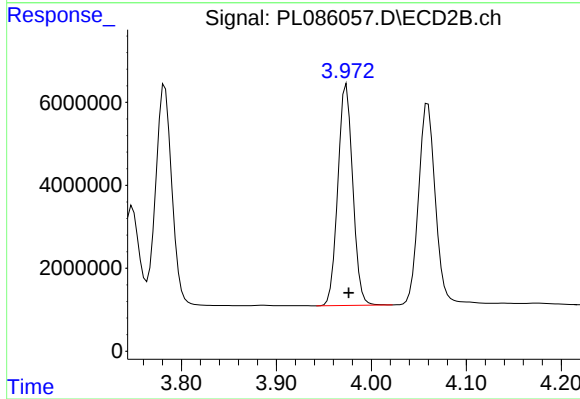
R.T.: 3.748 min  
Delta R.T.: -0.002 min  
Response: 26762972  
Conc: 51.41 ng/ml



#7 delta-BHC

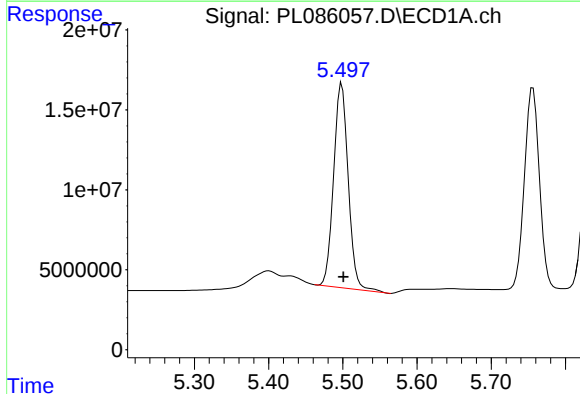
R.T.: 4.587 min  
Delta R.T.: -0.003 min  
Response: 190784677  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



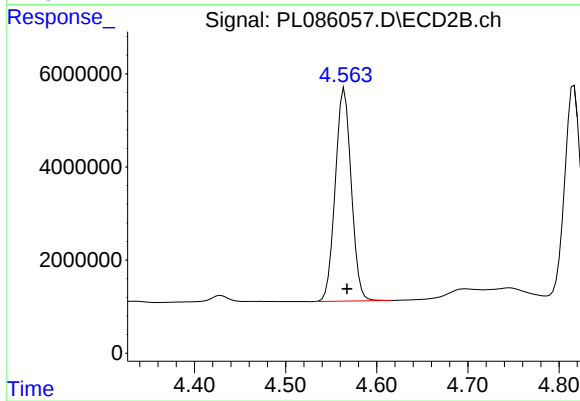
#7 delta-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 58190477  
Conc: 50.65 ng/ml



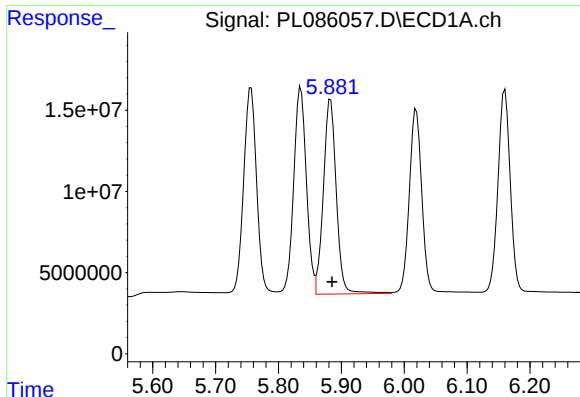
#8 Heptachlor epoxide

R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 175524747  
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

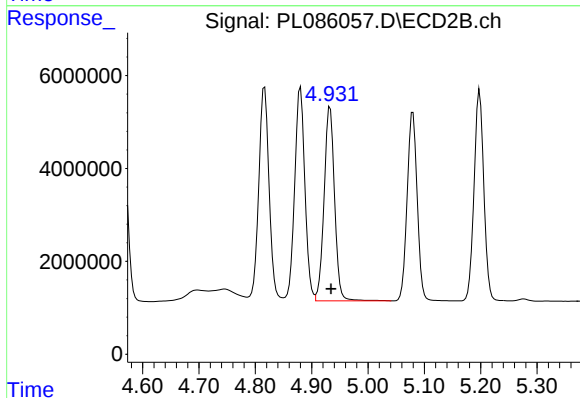
R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 55704203  
Conc: 55.46 ng/ml



#9 Endosulfan I

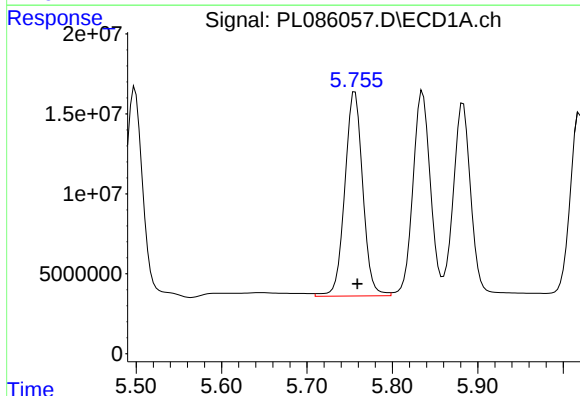
R.T.: 5.883 min  
Delta R.T.: -0.002 min  
Response: 171417318  
Conc: 53.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



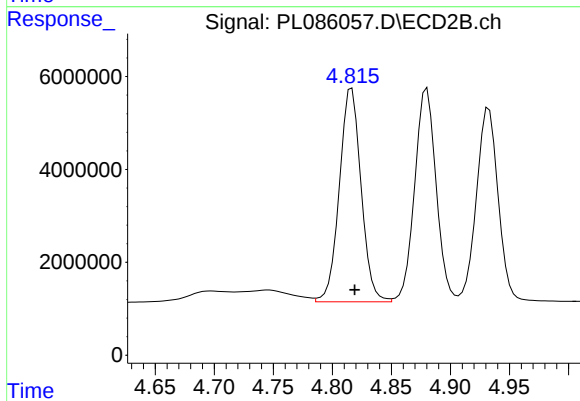
#9 Endosulfan I

R.T.: 4.933 min  
Delta R.T.: -0.002 min  
Response: 54110790  
Conc: 50.44 ng/ml



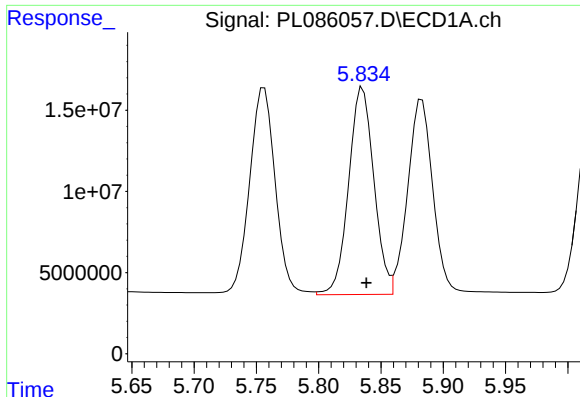
#10 gamma-Chlordane

R.T.: 5.756 min  
Delta R.T.: -0.003 min  
Response: 186341215  
Conc: 54.46 ng/ml



#10 gamma-Chlordane

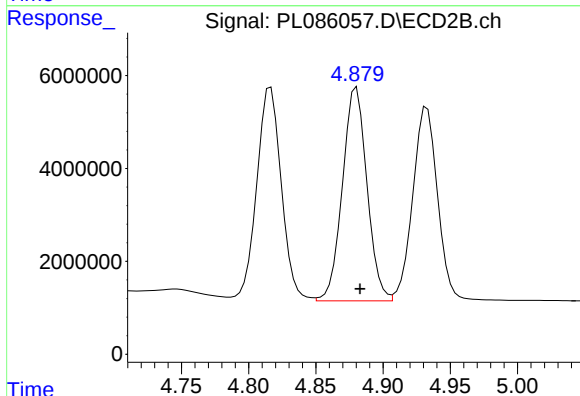
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 58985864  
Conc: 59.56 ng/ml



#11 alpha-Chlordane

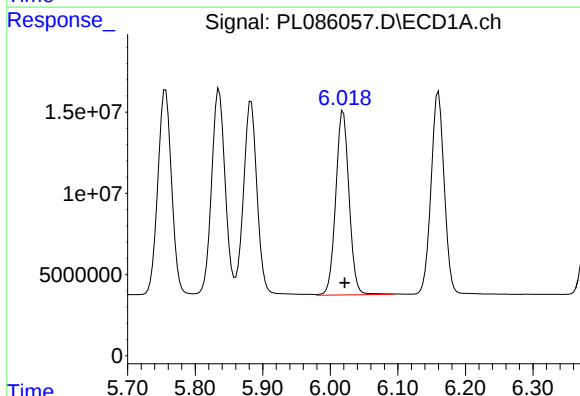
R.T.: 5.835 min  
Delta R.T.: -0.003 min  
Response: 180621100  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



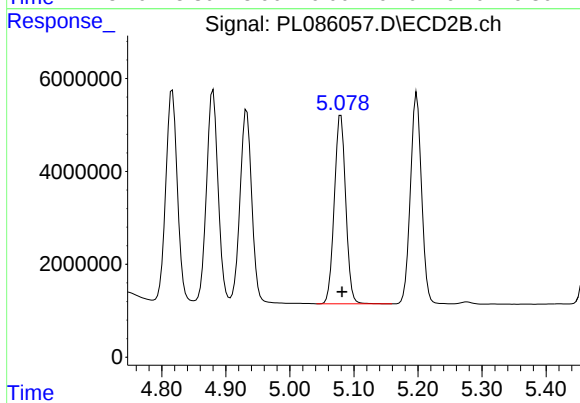
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.003 min  
Response: 58323689  
Conc: 53.47 ng/ml



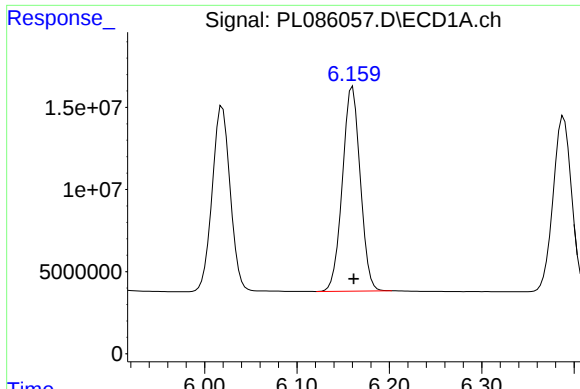
#12 4,4'-DDE

R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 156110444  
Conc: 55.82 ng/ml



#12 4,4'-DDE

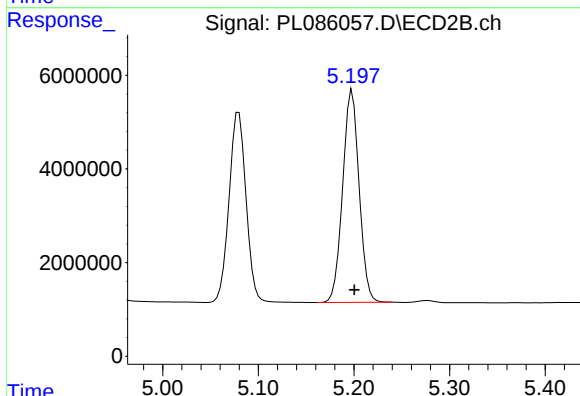
R.T.: 5.080 min  
Delta R.T.: -0.002 min  
Response: 50262123  
Conc: 61.21 ng/ml



#13 Dieldrin

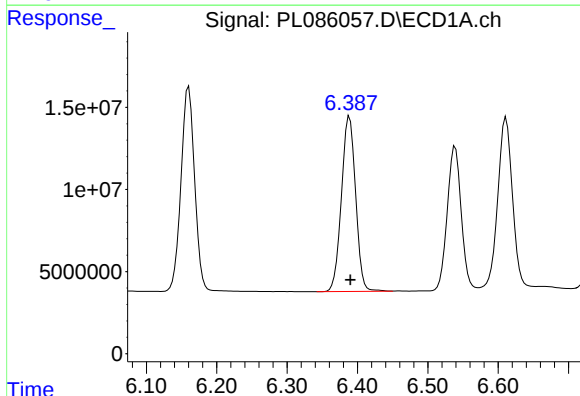
R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 166860130  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



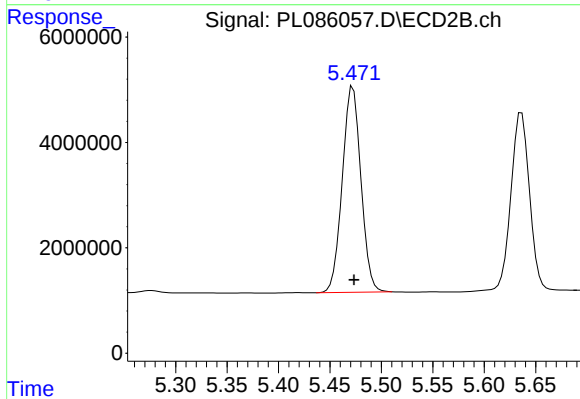
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: -0.002 min  
Response: 54344700  
Conc: 56.01 ng/ml



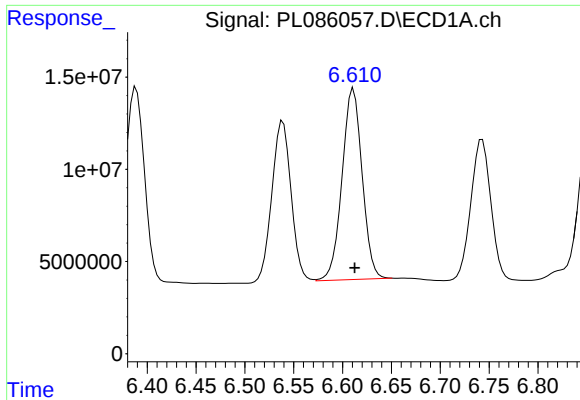
#14 Endrin

R.T.: 6.389 min  
Delta R.T.: -0.001 min  
Response: 149565951  
Conc: 52.48 ng/ml



#14 Endrin

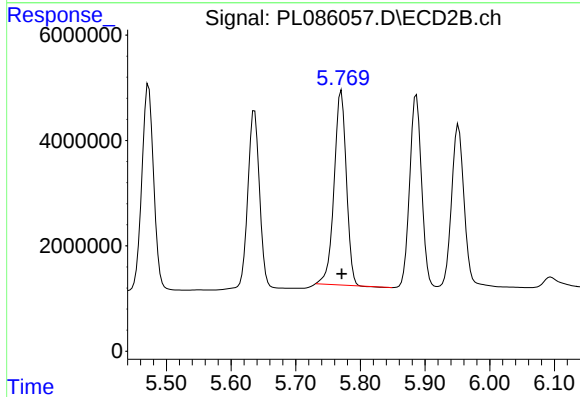
R.T.: 5.472 min  
Delta R.T.: -0.001 min  
Response: 49344999  
Conc: 54.89 ng/ml



#15 Endosulfan II

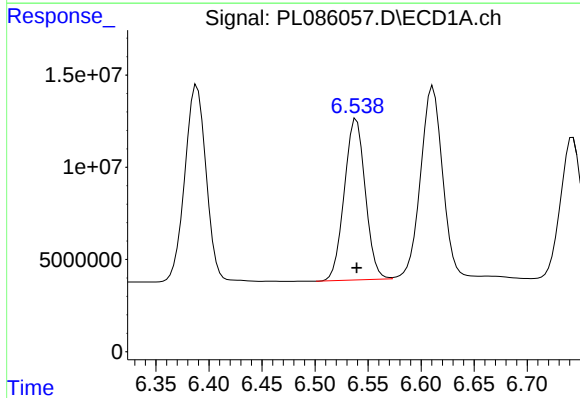
R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 148354207  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



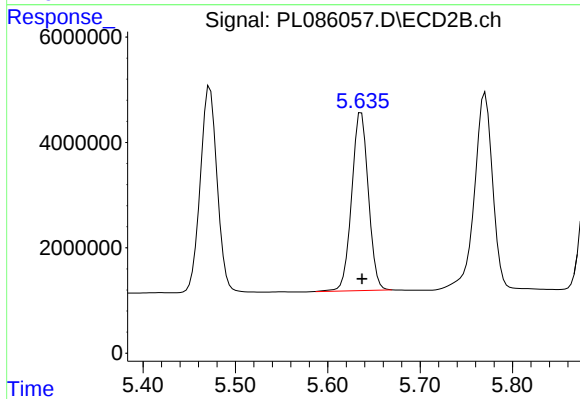
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 48300583  
Conc: 50.79 ng/ml



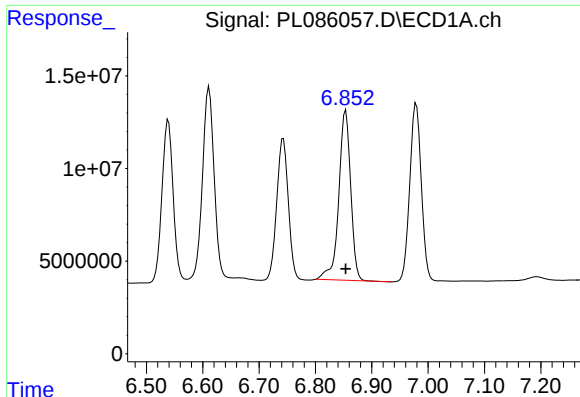
#16 4,4'-DDD

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 119856244  
Conc: 59.49 ng/ml



#16 4,4'-DDD

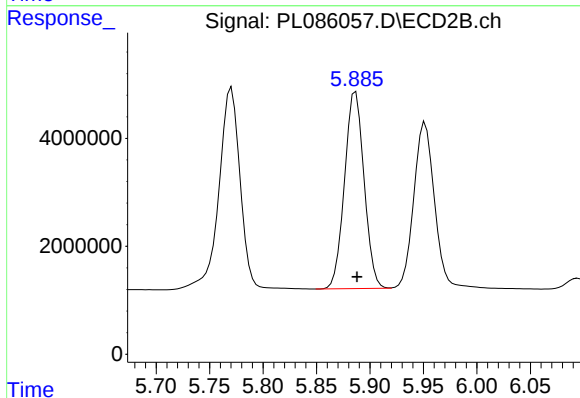
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 42330935  
Conc: 60.82 ng/ml



#17 4,4'-DDT

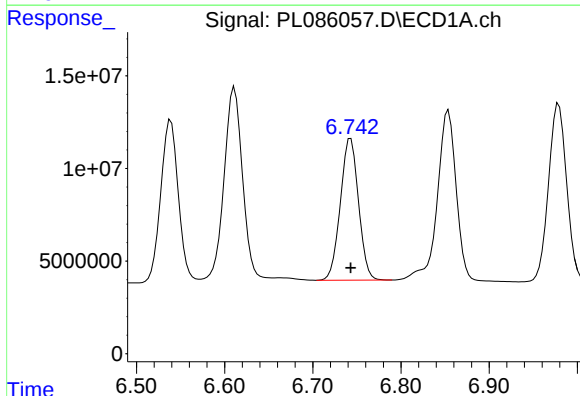
R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 135051040  
Conc: 57.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



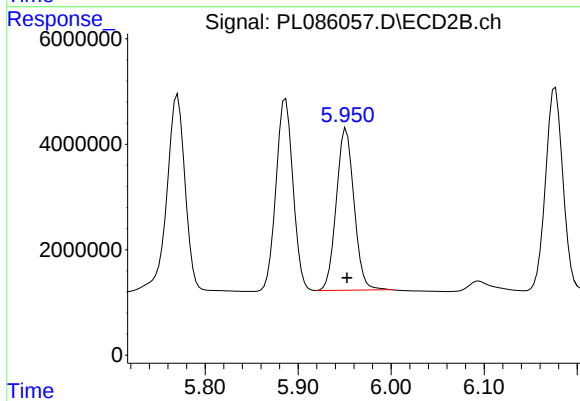
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: -0.001 min  
Response: 46361900  
Conc: 58.63 ng/ml



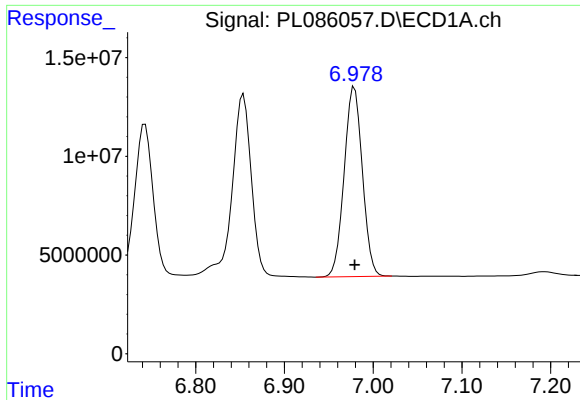
#18 Endrin aldehyde

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 109364839  
Conc: 53.96 ng/ml



#18 Endrin aldehyde

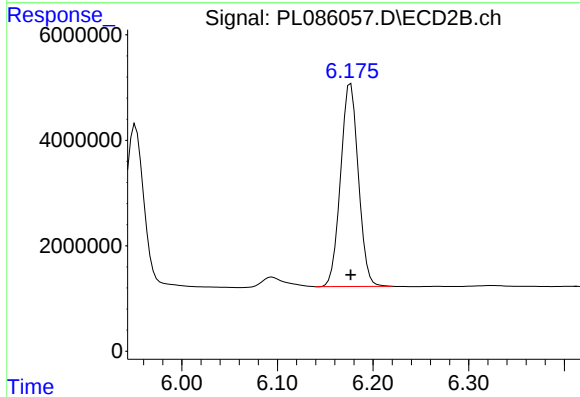
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 40674901  
Conc: 54.55 ng/ml



#19 Endosulfan Sulfate

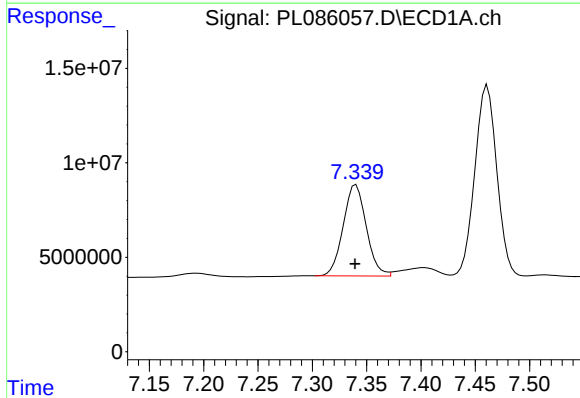
R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 136688405  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



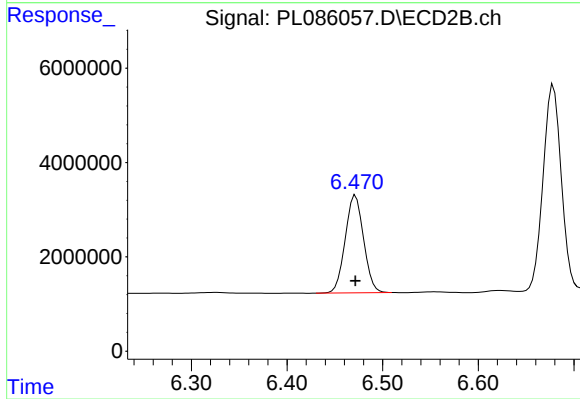
#19 Endosulfan Sulfate

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 49858608  
Conc: 55.27 ng/ml



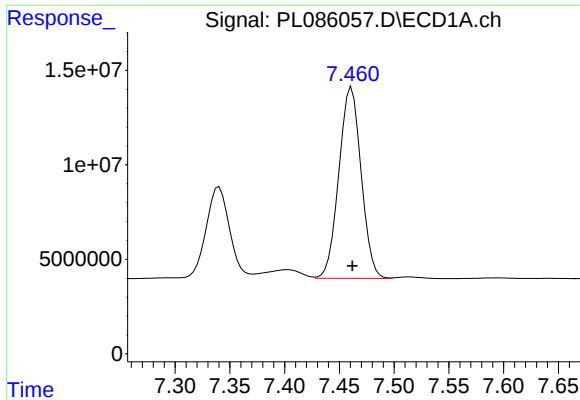
#20 Methoxychlor

R.T.: 7.340 min  
Delta R.T.: 0.001 min  
Response: 71401036  
Conc: 51.12 ng/ml



#20 Methoxychlor

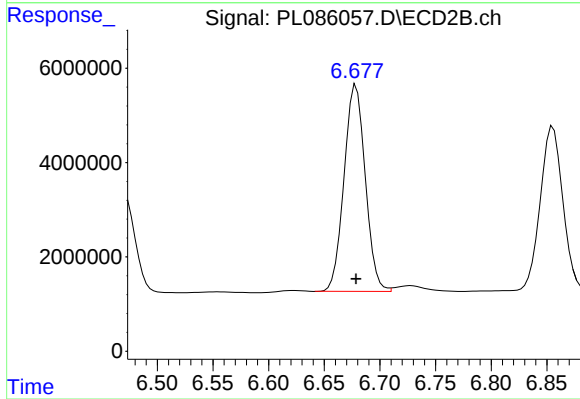
R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 27735096  
Conc: 52.72 ng/ml



#21 Endrin ketone

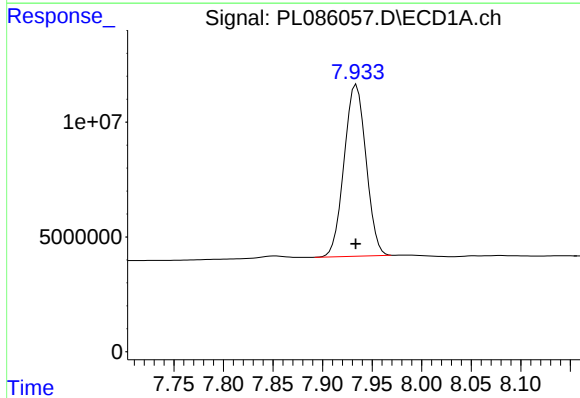
R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 142995310  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



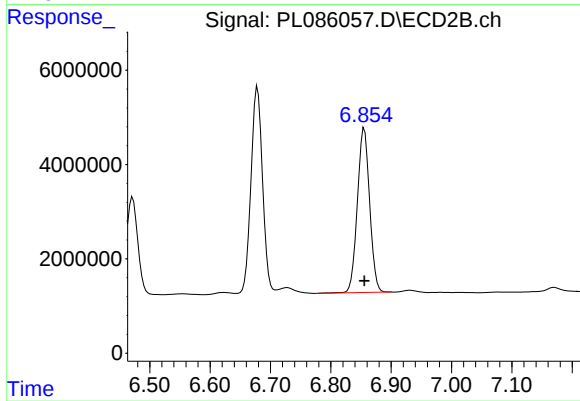
#21 Endrin ketone

R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 58198577  
Conc: 50.63 ng/ml



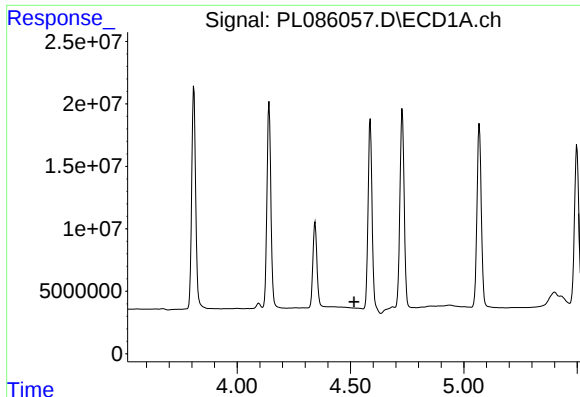
#22 Mirex

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 115178403  
Conc: 52.02 ng/ml



#22 Mirex

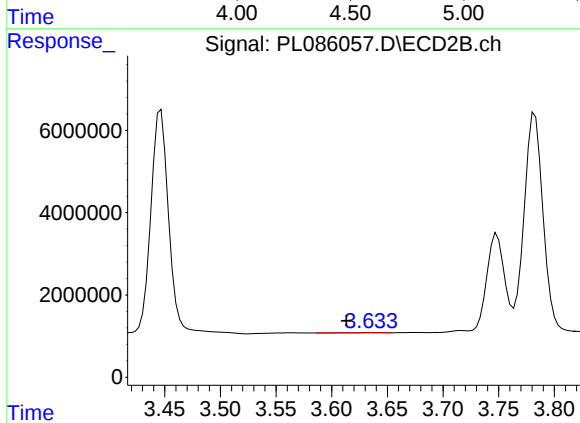
R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 49220532  
Conc: 52.19 ng/ml



#23 Chlordane-1

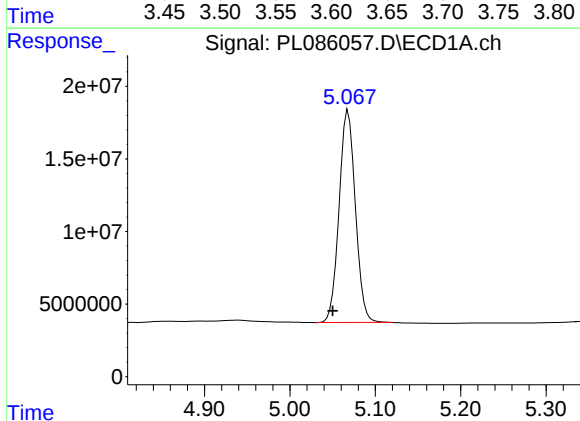
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



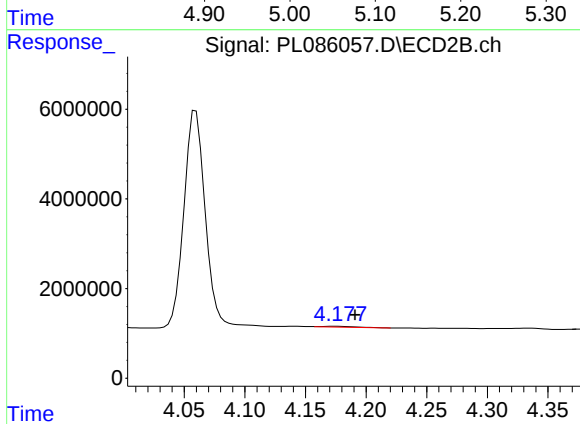
#23 Chlordane-1

R.T.: 3.635 min  
Delta R.T.: 0.021 min  
Response: 104388  
Conc: 3.20 ng/ml



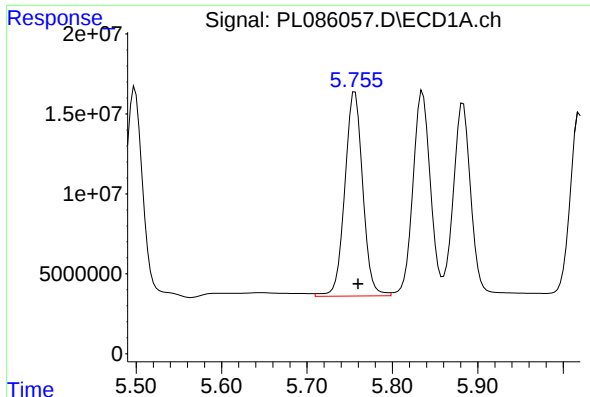
#24 Chlordane-2

R.T.: 5.068 min  
Delta R.T.: 0.018 min  
Response: 194183605  
Conc: 1493.22 ng/ml



#24 Chlordane-2

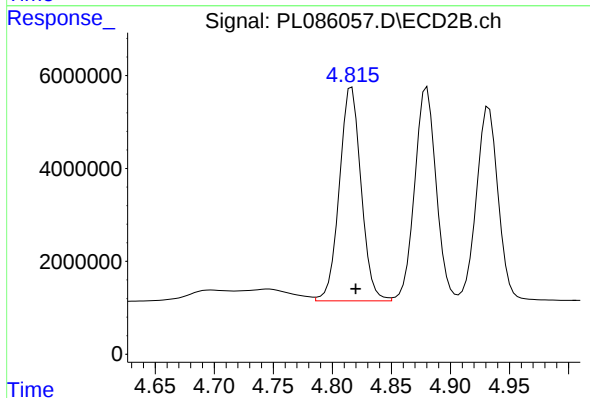
R.T.: 4.176 min  
Delta R.T.: -0.015 min  
Response: 253623  
Conc: 6.52 ng/ml



#25 Chlordane-3

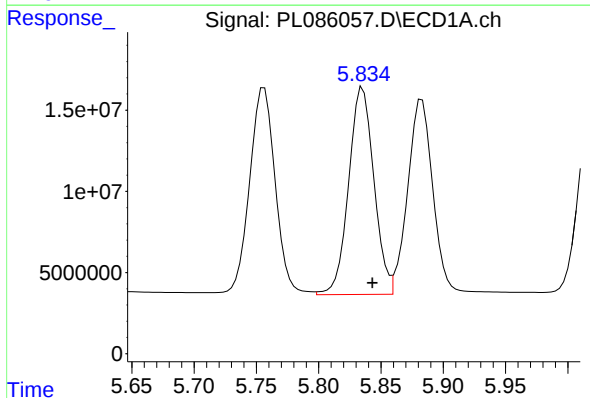
R.T.: 5.756 min  
Delta R.T.: -0.004 min  
Response: 186341215  
Conc: 365.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



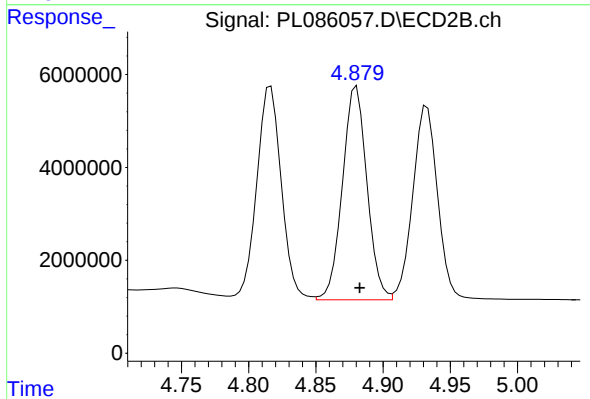
#25 Chlordane-3

R.T.: 4.817 min  
Delta R.T.: -0.003 min  
Response: 58985864  
Conc: 583.74 ng/ml



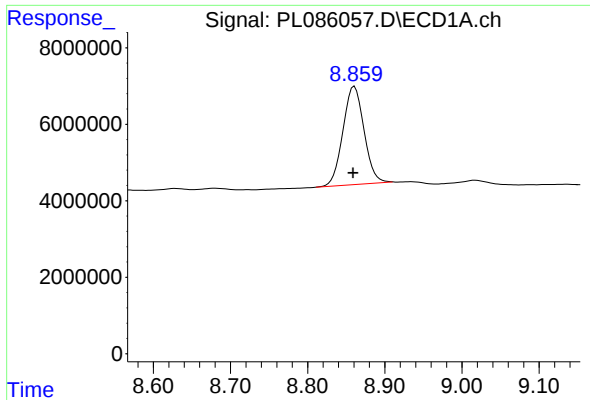
#26 Chlordane-4

R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 180621100  
Conc: 284.69 ng/ml



#26 Chlordane-4

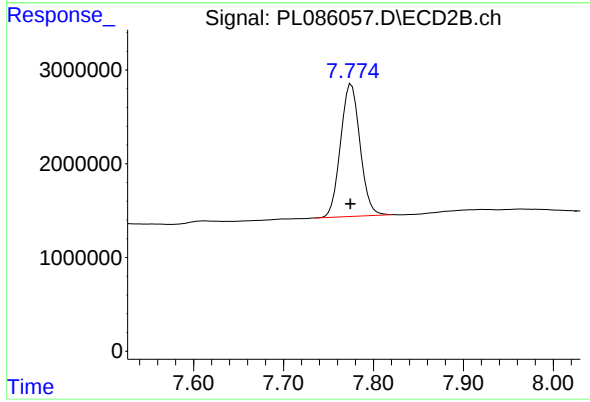
R.T.: 4.880 min  
Delta R.T.: -0.002 min  
Response: 58323689  
Conc: 503.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.002 min  
Response: 48890283  
Conc: 22.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.775 min  
Delta R.T.: 0.000 min  
Response: 21280478  
Conc: 23.06 ng/ml