

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100223\  
 Data File : PL085655.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 02:18  
 Operator : AR\AJ  
 Sample : PB156011BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 06:53:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 04:57:42 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... | 3.359  | 2.622 | 59712338 | 19076976 | 20.099   | 17.768    |
| 28)                         | SA Decachlor... | 8.858  | 7.773 | 52967185 | 21317160 | 19.636   | 22.767    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.813  | 3.120 | 278.3E6  | 85472404 | 63.795   | 61.740    |
| 3)                          | MA gamma-BHC... | 4.144  | 3.448 | 250.7E6  | 79069481 | 60.863   | 60.054    |
| 4)                          | MA Heptachlor   | 4.732  | 3.784 | 235.5E6  | 77010566 | 64.714   | 61.183    |
| 5)                          | MB Aldrin       | 5.071  | 4.061 | 237.3E6  | 75380917 | 61.601   | 59.015    |
| 6)                          | B beta-BHC      | 4.347  | 3.749 | 101.7E6  | 33666763 | 59.826   | 58.639    |
| 7)                          | B delta-BHC     | 4.590  | 3.975 | 227.0E6  | 76671453 | 65.026   | 58.854    |
| 8)                          | B Heptachlo...  | 5.501  | 4.566 | 209.5E6  | 68867962 | 62.697   | 59.771    |
| 9)                          | A Endosulfan I  | 5.885  | 4.933 | 202.1E6  | 65107031 | 63.625   | 57.077    |
| 10)                         | B gamma-Chl...  | 5.758  | 4.817 | 221.5E6  | 70048322 | 65.520   | 60.342    |
| 11)                         | B alpha-Chl...  | 5.838  | 4.881 | 213.9E6  | 69426004 | 61.992   | 57.664    |
| 12)                         | B 4,4'-DDE      | 6.021  | 5.081 | 190.6E6  | 62143811 | 62.441   | 56.816    |
| 13)                         | MA Dieldrin     | 6.162  | 5.199 | 202.5E6  | 65329584 | 59.484   | 56.675    |
| 14)                         | MA Endrin       | 6.390  | 5.473 | 157.4E6  | 53798005 | 56.351   | 54.894    |
| 15)                         | B Endosulfa...  | 6.612  | 5.770 | 165.9E6  | 55686332 | 52.641   | 51.883    |
| 16)                         | A 4,4'-DDD      | 6.539  | 5.636 | 156.7E6  | 53195906 | 65.075   | 60.374    |
| 17)                         | MA 4,4'-DDT     | 6.854  | 5.887 | 147.2E6  | 46611082 | 59.887   | 53.313    |
| 18)                         | B Endrin al...  | 6.744  | 5.952 | 116.7E6  | 45741232 | 54.348   | 53.175    |
| 19)                         | B Endosulfa...  | 6.979  | 6.176 | 165.4E6  | 54896177 | 60.683   | 56.706    |
| 20)                         | A Methoxychlor  | 7.339  | 6.471 | 73869866 | 25818510 | 53.446   | 51.130    |
| 21)                         | B Endrin ke...  | 7.461  | 6.677 | 184.1E6  | 64998953 | 62.420   | 73.989    |
| 22)                         | Mirex           | 7.933  | 6.854 | 136.4E6  | 52688558 | 60.840   | 57.943    |
| 23)                         | Chlordane-1     | 0.000  | 3.624 | 0        | 175435   | N.D.     | 5.518 #   |
| 24)                         | Chlordane-2     | 5.071f | 4.182 | 237.3E6  | 97071    | 2100.926 | 2.607 #   |
| 25)                         | Chlordane-3     | 5.758  | 4.817 | 221.5E6  | 70048322 | 455.174  | 628.350 # |
| 26)                         | Chlordane-4     | 5.838  | 4.881 | 213.9E6  | 69426004 | 351.924  | 571.617 # |
| 27)                         | Chlordane-5     | 0.000  | 5.554 | 0        | 36036    | N.D.     | 1.200 #   |
| -----                       |                 |        |       |          |          |          |           |

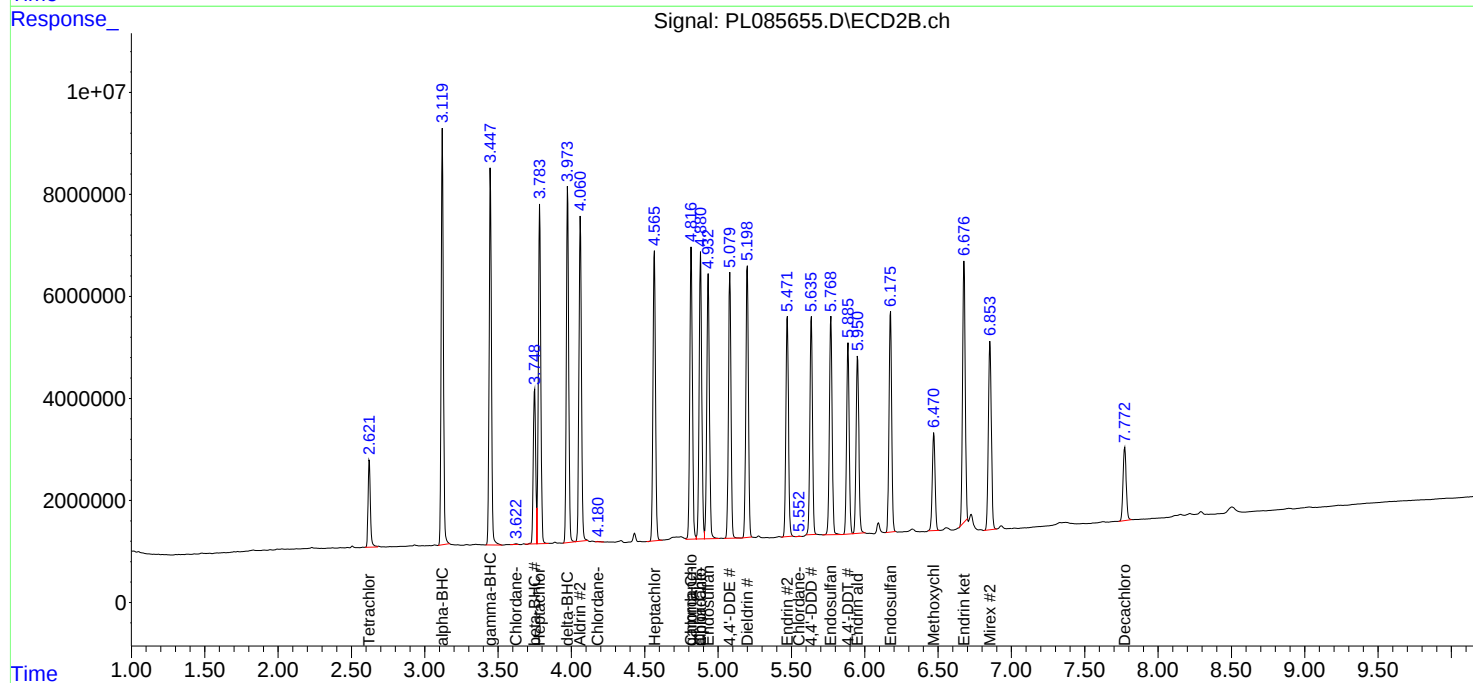
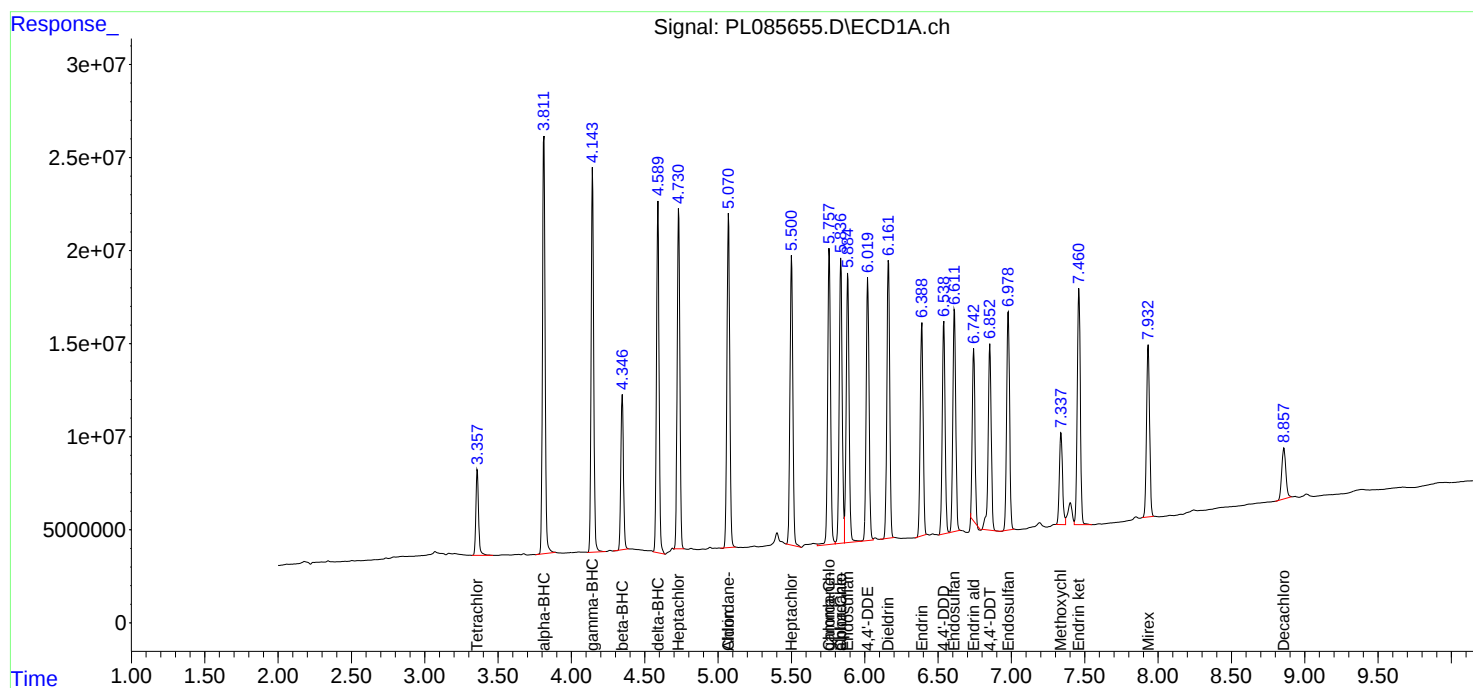
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

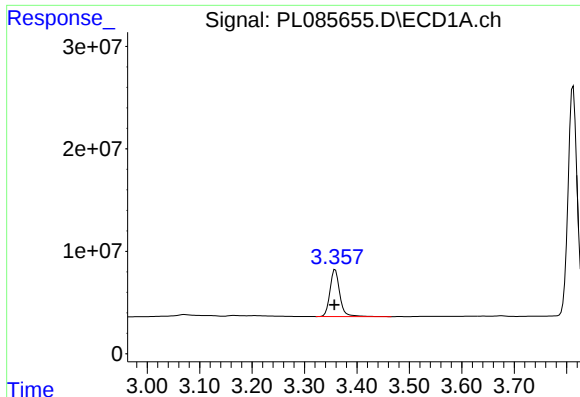
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100223\  
Data File : PL085655.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 02:18  
Operator : AR\AJ  
Sample : PB156011BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 06:53:00 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100223.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 04:57:42 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

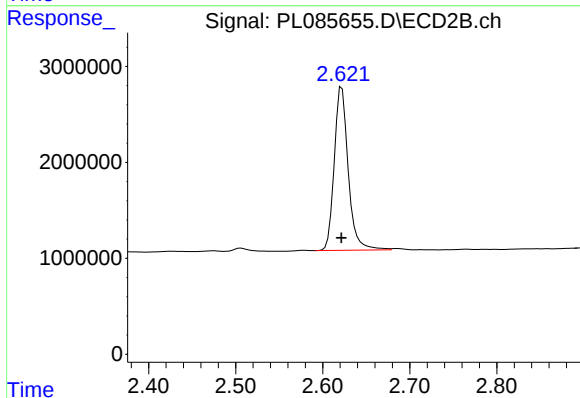




#1 Tetrachloro-m-xylene

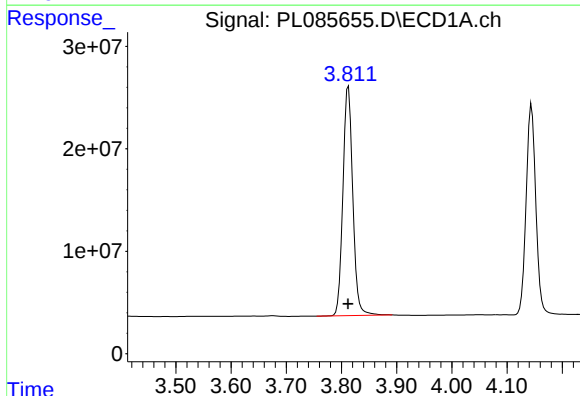
R.T.: 3.359 min  
Delta R.T.: 0.002 min  
Response: 59712338  
Conc: 20.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



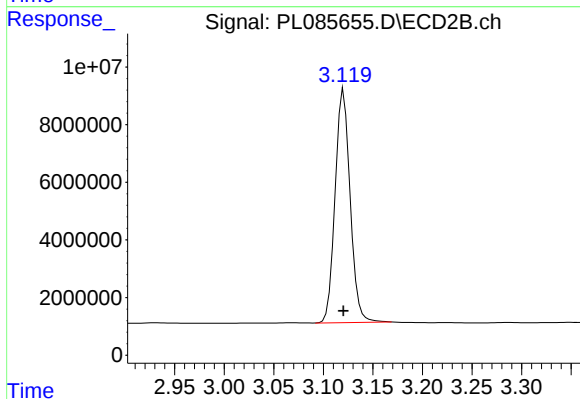
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 19076976  
Conc: 17.77 ng/ml



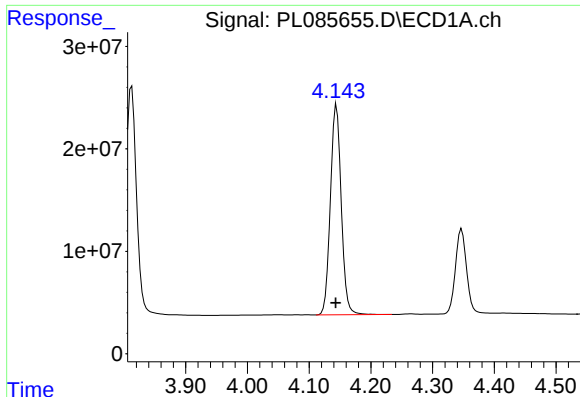
#2 alpha-BHC

R.T.: 3.813 min  
Delta R.T.: 0.000 min  
Response: 278264828  
Conc: 63.80 ng/ml



#2 alpha-BHC

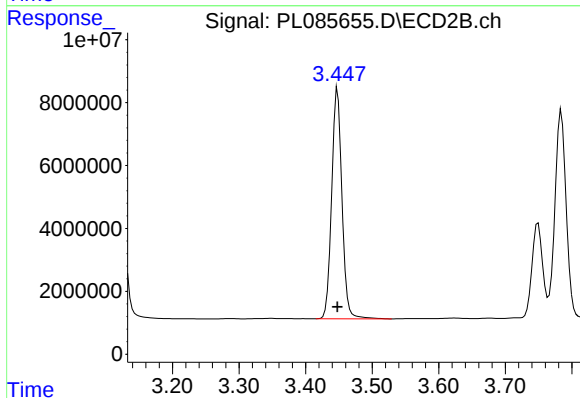
R.T.: 3.120 min  
Delta R.T.: 0.000 min  
Response: 85472404  
Conc: 61.74 ng/ml



#3 gamma-BHC (Lindane)

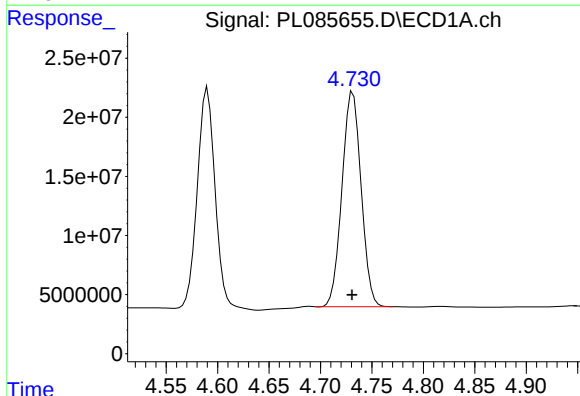
R.T.: 4.144 min  
Delta R.T.: 0.001 min  
Response: 250745746  
Conc: 60.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



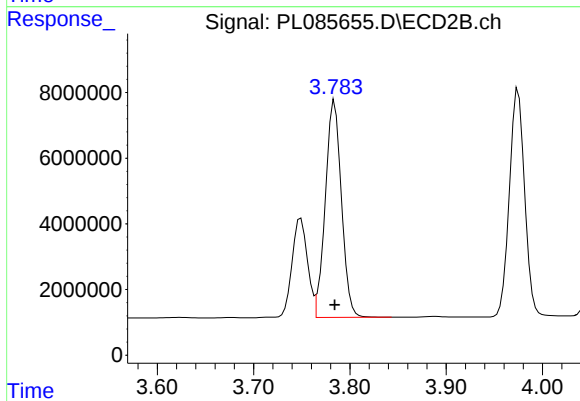
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: 0.000 min  
Response: 79069481  
Conc: 60.05 ng/ml



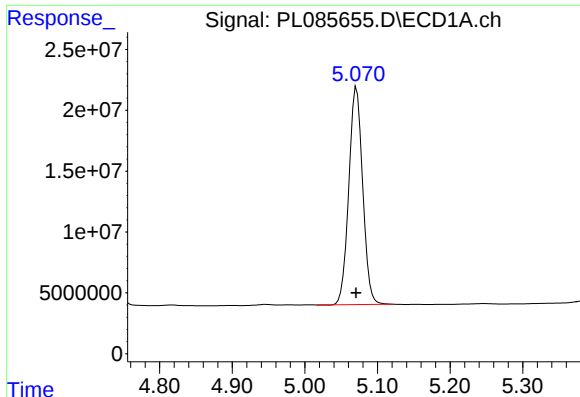
#4 Heptachlor

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 235509373  
Conc: 64.71 ng/ml



#4 Heptachlor

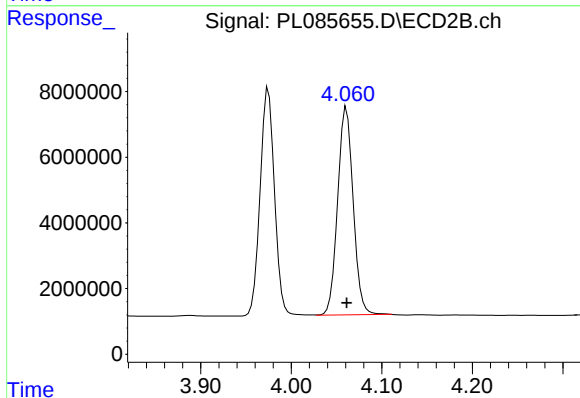
R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 77010566  
Conc: 61.18 ng/ml



#5 Aldrin

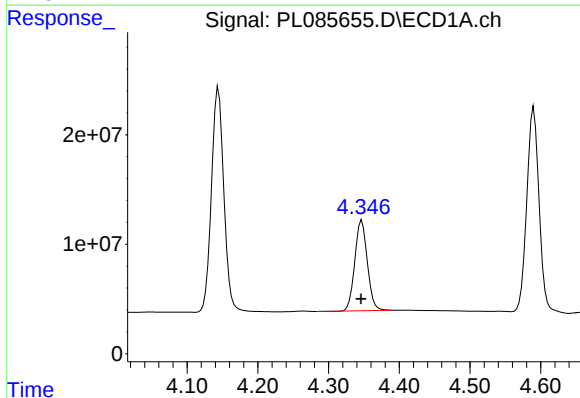
R.T.: 5.071 min  
Delta R.T.: 0.001 min  
Response: 237344323  
Conc: 61.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



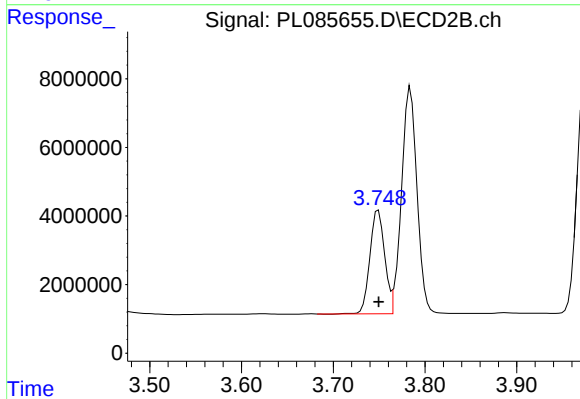
#5 Aldrin

R.T.: 4.061 min  
Delta R.T.: 0.000 min  
Response: 75380917  
Conc: 59.02 ng/ml



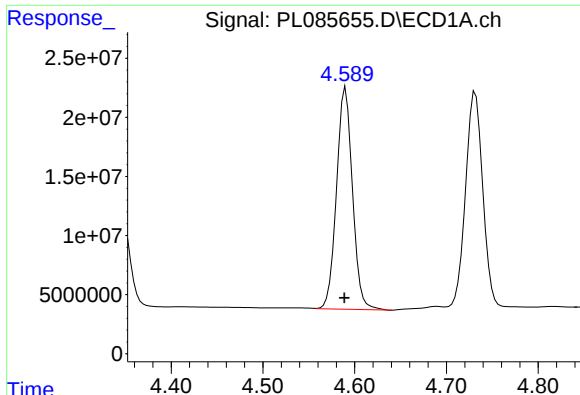
#6 beta-BHC

R.T.: 4.347 min  
Delta R.T.: 0.001 min  
Response: 101676917  
Conc: 59.83 ng/ml



#6 beta-BHC

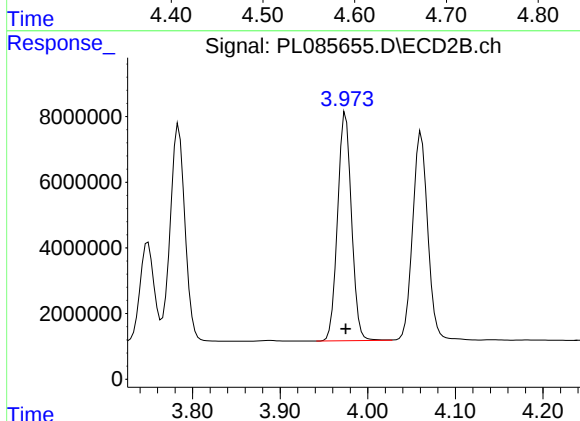
R.T.: 3.749 min  
Delta R.T.: 0.000 min  
Response: 33666763  
Conc: 58.64 ng/ml



#7 delta-BHC

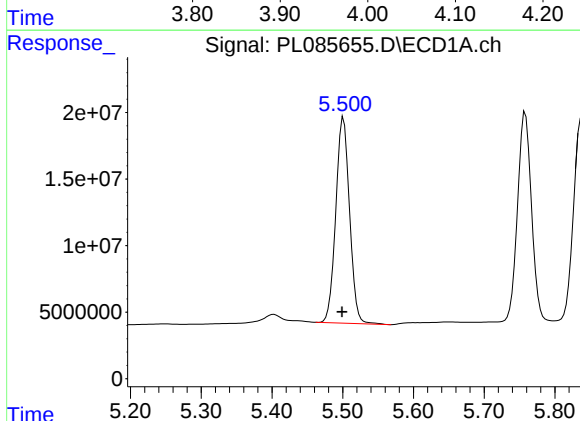
R.T.: 4.590 min  
Delta R.T.: 0.002 min  
Response: 226952125  
Conc: 65.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



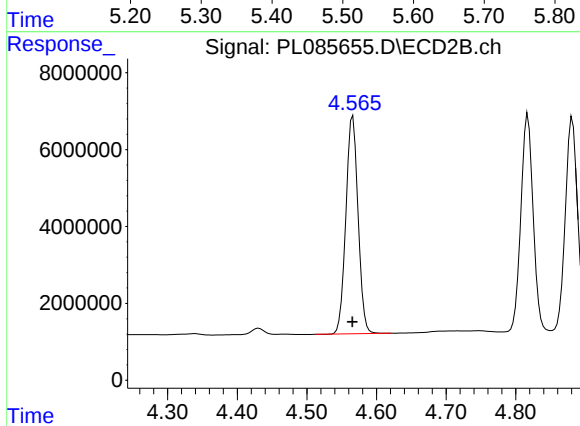
#7 delta-BHC

R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 76671453  
Conc: 58.85 ng/ml



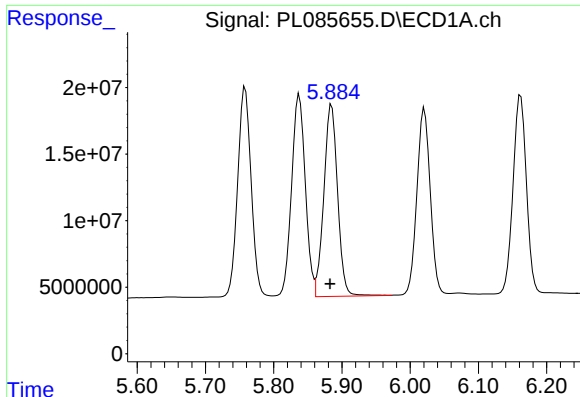
#8 Heptachlor epoxide

R.T.: 5.501 min  
Delta R.T.: 0.002 min  
Response: 209501021  
Conc: 62.70 ng/ml



#8 Heptachlor epoxide

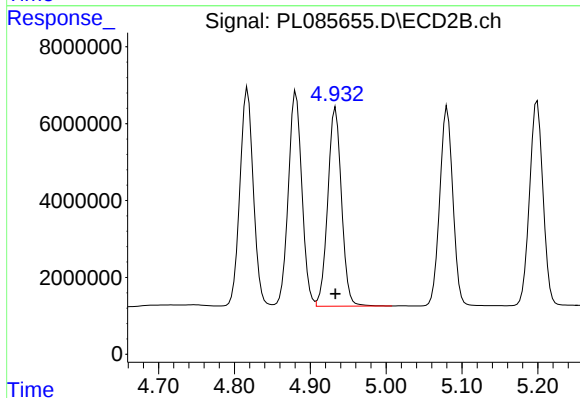
R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 68867962  
Conc: 59.77 ng/ml



#9 Endosulfan I

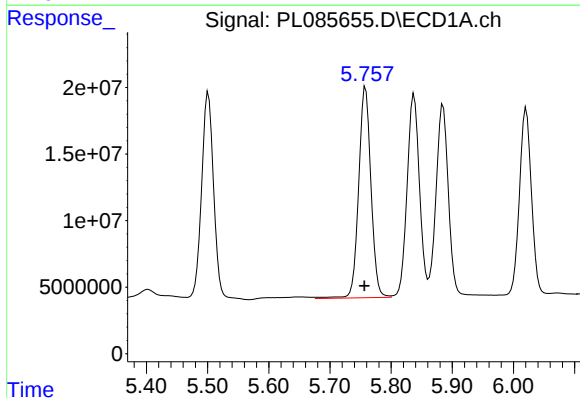
R.T.: 5.885 min  
Delta R.T.: 0.002 min  
Response: 202100095  
Conc: 63.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



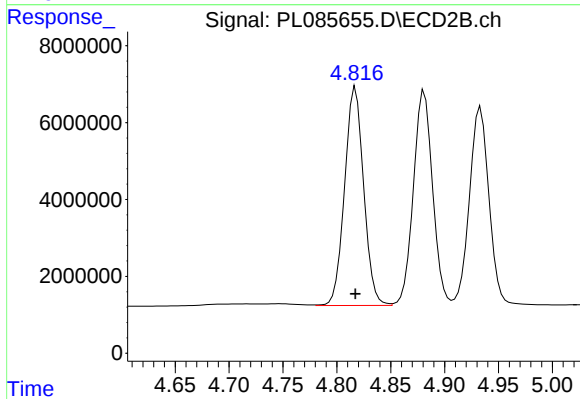
#9 Endosulfan I

R.T.: 4.933 min  
Delta R.T.: 0.000 min  
Response: 65107031  
Conc: 57.08 ng/ml



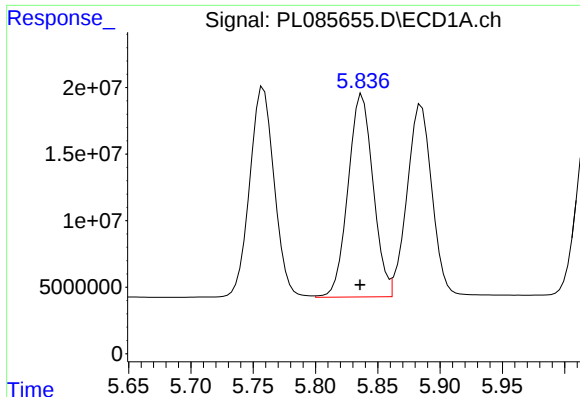
#10 gamma-Chlordane

R.T.: 5.758 min  
Delta R.T.: 0.002 min  
Response: 221484110  
Conc: 65.52 ng/ml



#10 gamma-Chlordane

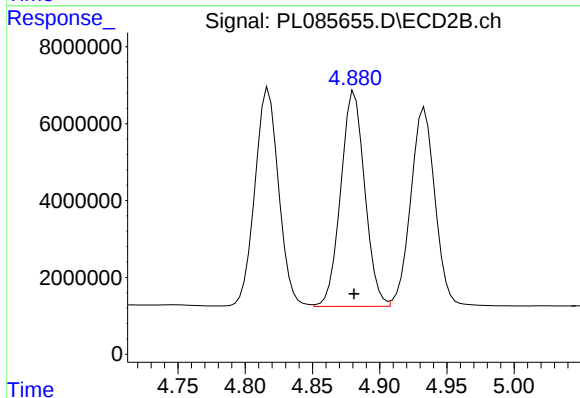
R.T.: 4.817 min  
Delta R.T.: 0.000 min  
Response: 70048322  
Conc: 60.34 ng/ml



#11 alpha-Chlordane

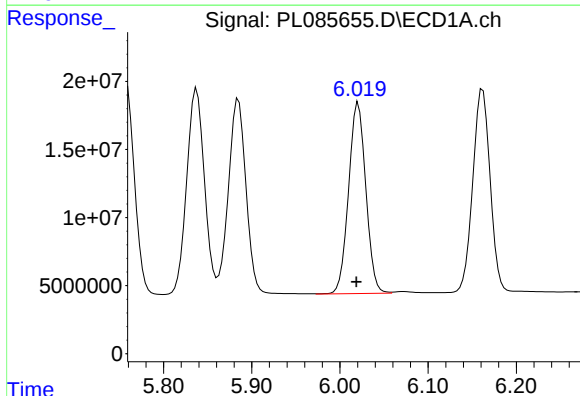
R.T.: 5.838 min  
Delta R.T.: 0.002 min  
Response: 213935378  
Conc: 61.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



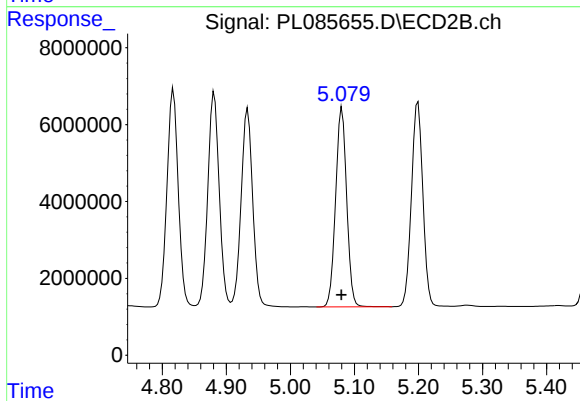
#11 alpha-Chlordane

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 69426004  
Conc: 57.66 ng/ml



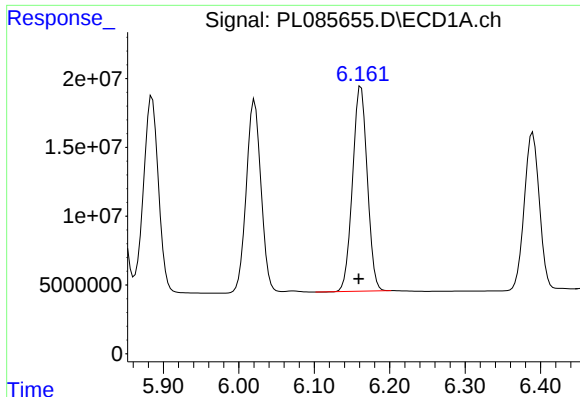
#12 4,4'-DDE

R.T.: 6.021 min  
Delta R.T.: 0.002 min  
Response: 190596160  
Conc: 62.44 ng/ml



#12 4,4'-DDE

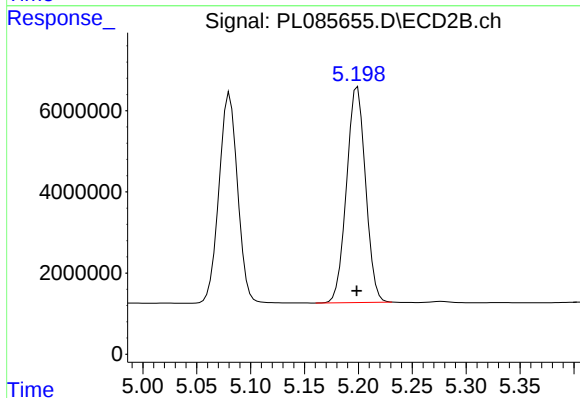
R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 62143811  
Conc: 56.82 ng/ml



#13 Dieldrin

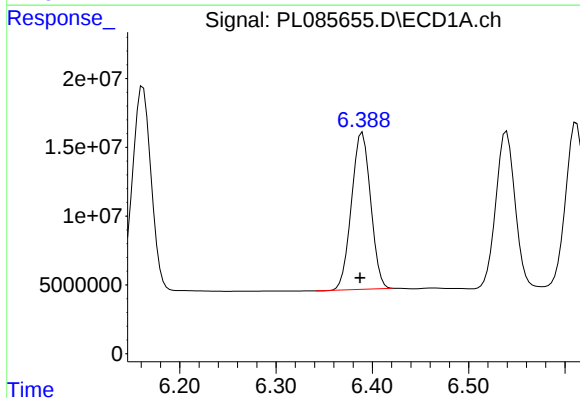
R.T.: 6.162 min  
Delta R.T.: 0.003 min  
Response: 202476758  
Conc: 59.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



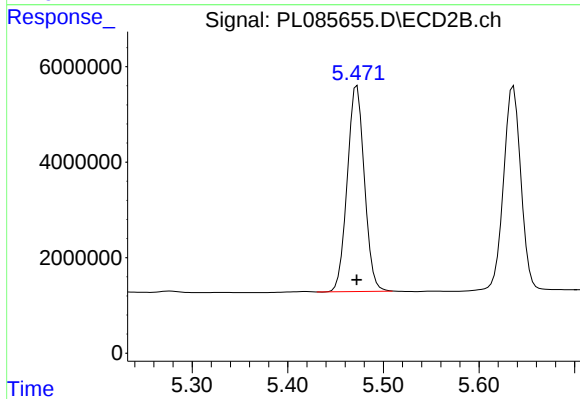
#13 Dieldrin

R.T.: 5.199 min  
Delta R.T.: 0.000 min  
Response: 65329584  
Conc: 56.68 ng/ml



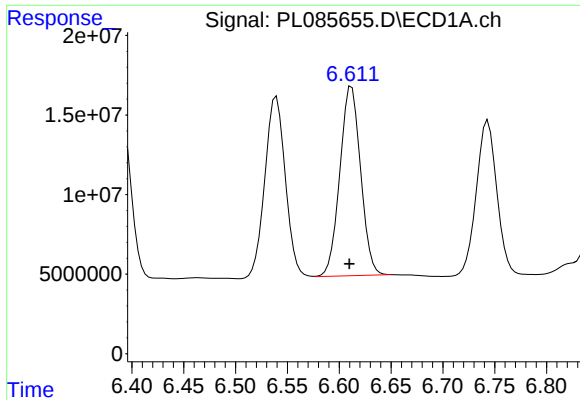
#14 Endrin

R.T.: 6.390 min  
Delta R.T.: 0.003 min  
Response: 157421701  
Conc: 56.35 ng/ml



#14 Endrin

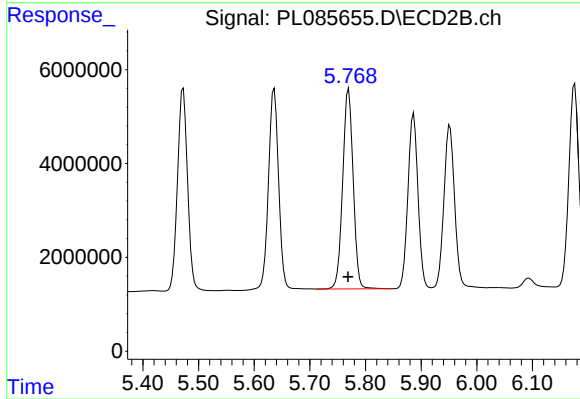
R.T.: 5.473 min  
Delta R.T.: 0.000 min  
Response: 53798005  
Conc: 54.89 ng/ml



#15 Endosulfan II

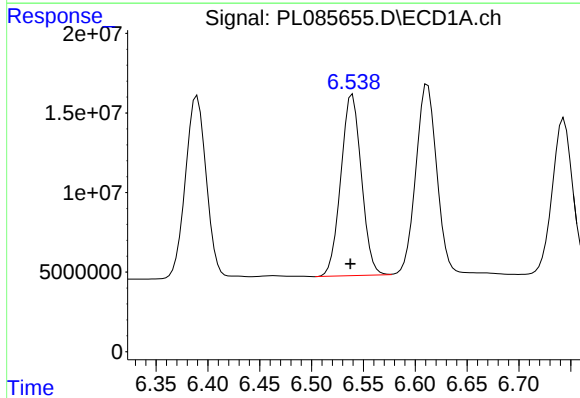
R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 165856001  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



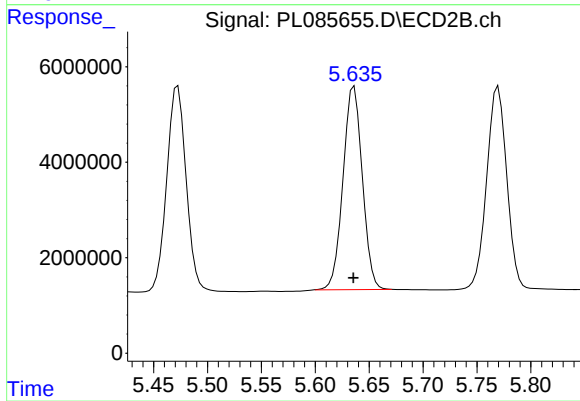
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 55686332  
Conc: 51.88 ng/ml



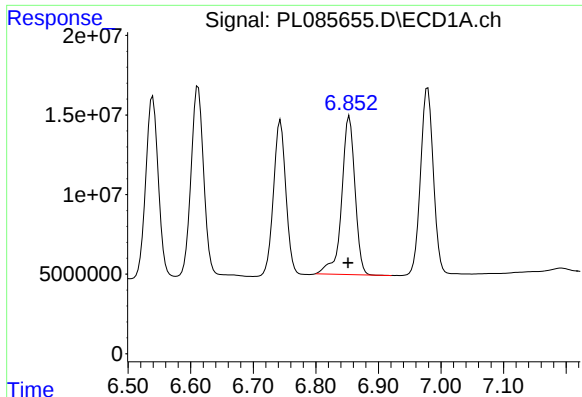
#16 4,4'-DDD

R.T.: 6.539 min  
Delta R.T.: 0.002 min  
Response: 156658361  
Conc: 65.08 ng/ml



#16 4,4'-DDD

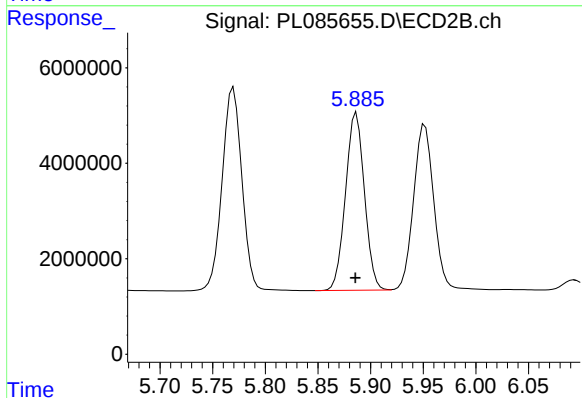
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 53195906  
Conc: 60.37 ng/ml



#17 4,4'-DDT

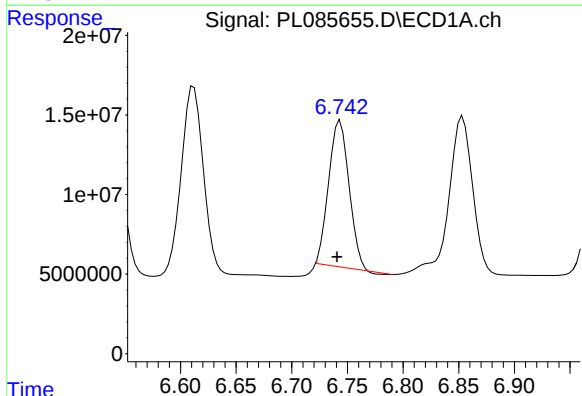
R.T.: 6.854 min  
Delta R.T.: 0.002 min  
Response: 147246217  
Conc: 59.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



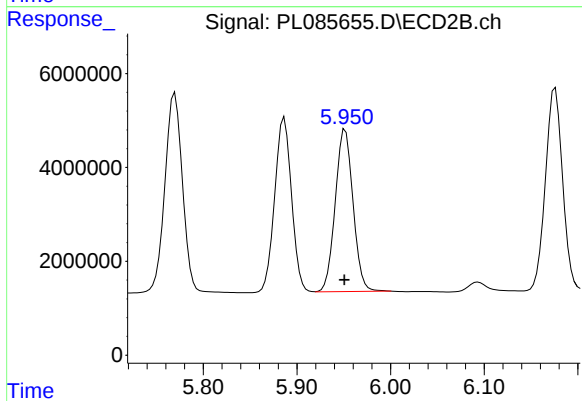
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 46611082  
Conc: 53.31 ng/ml



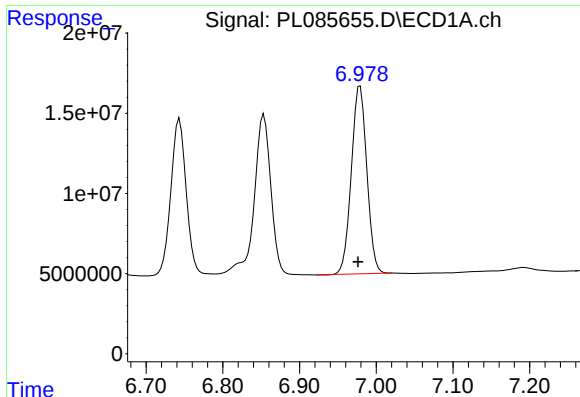
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.003 min  
Response: 116655658  
Conc: 54.35 ng/ml



#18 Endrin aldehyde

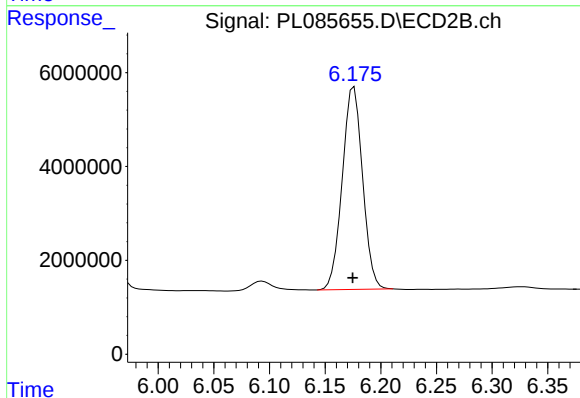
R.T.: 5.952 min  
Delta R.T.: 0.001 min  
Response: 45741232  
Conc: 53.18 ng/ml



#19 Endosulfan Sulfate

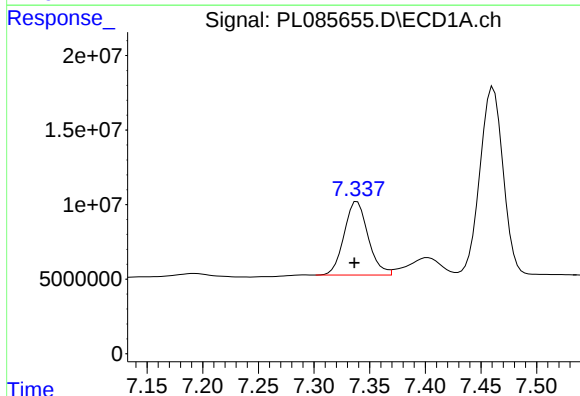
R.T.: 6.979 min  
Delta R.T.: 0.003 min  
Response: 165446961  
Conc: 60.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



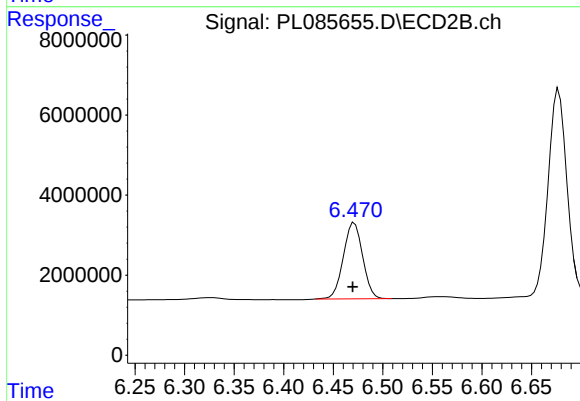
#19 Endosulfan Sulfate

R.T.: 6.176 min  
Delta R.T.: 0.001 min  
Response: 54896177  
Conc: 56.71 ng/ml



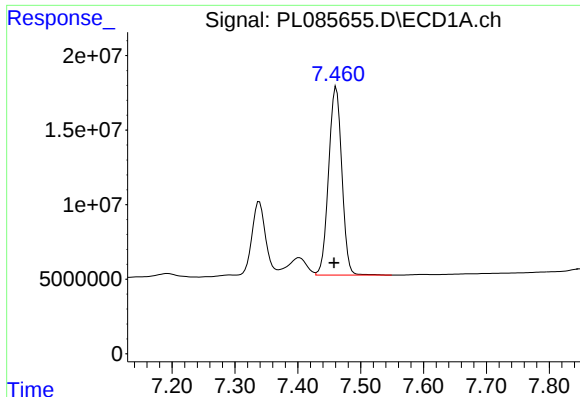
#20 Methoxychlor

R.T.: 7.339 min  
Delta R.T.: 0.002 min  
Response: 73869866  
Conc: 53.45 ng/ml



#20 Methoxychlor

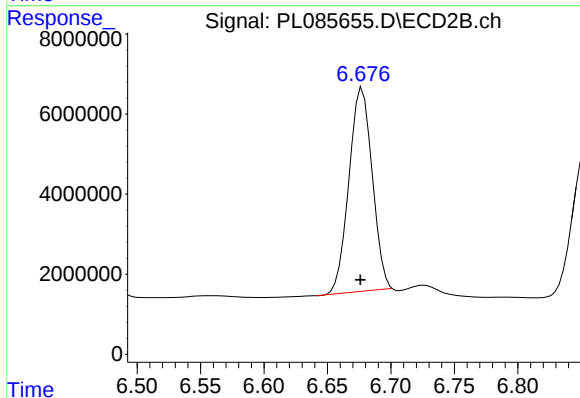
R.T.: 6.471 min  
Delta R.T.: 0.002 min  
Response: 25818510  
Conc: 51.13 ng/ml



#21 Endrin ketone

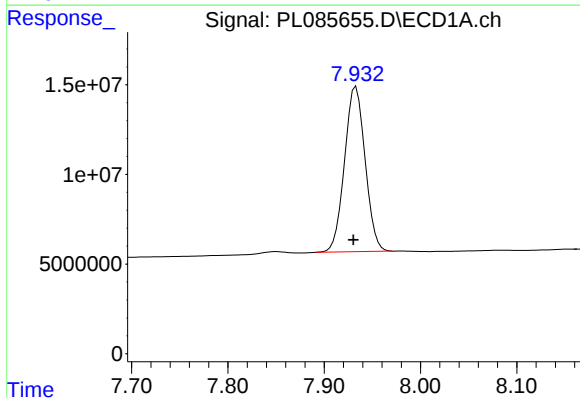
R.T.: 7.461 min  
Delta R.T.: 0.003 min  
Response: 184122807  
Conc: 62.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



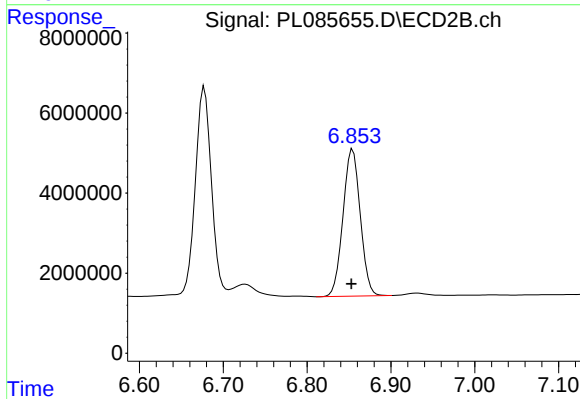
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: 0.002 min  
Response: 64998953  
Conc: 73.99 ng/ml



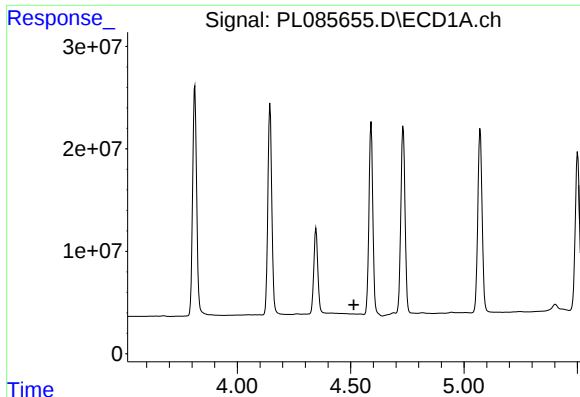
#22 Mirex

R.T.: 7.933 min  
Delta R.T.: 0.003 min  
Response: 136388534  
Conc: 60.84 ng/ml



#22 Mirex

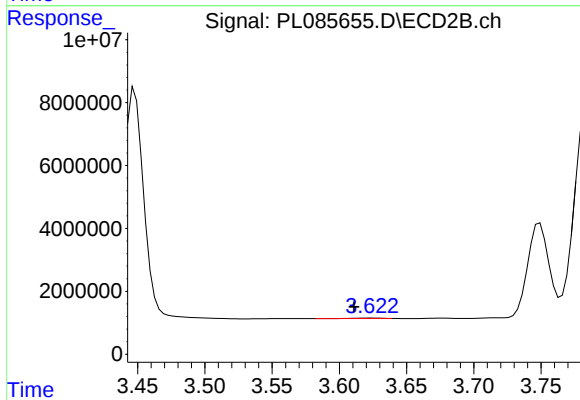
R.T.: 6.854 min  
Delta R.T.: 0.002 min  
Response: 52688558  
Conc: 57.94 ng/ml



#23 Chlordane-1

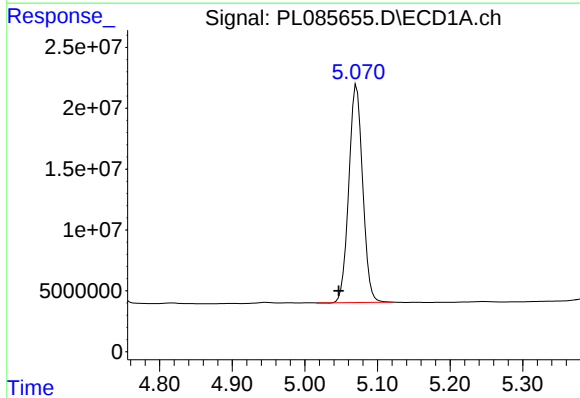
R.T.: 0.000 min  
Exp R.T.: 4.513 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



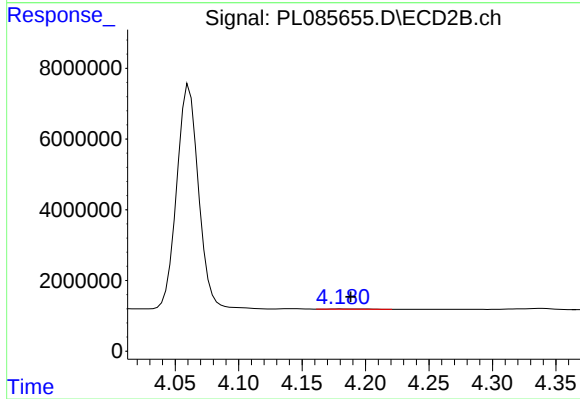
#23 Chlordane-1

R.T.: 3.624 min  
Delta R.T.: 0.013 min  
Response: 175435  
Conc: 5.52 ng/ml



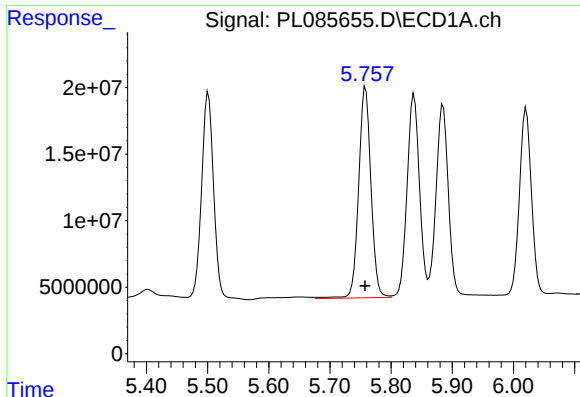
#24 Chlordane-2

R.T.: 5.071 min  
Delta R.T.: 0.025 min  
Response: 237344323  
Conc: 2100.93 ng/ml



#24 Chlordane-2

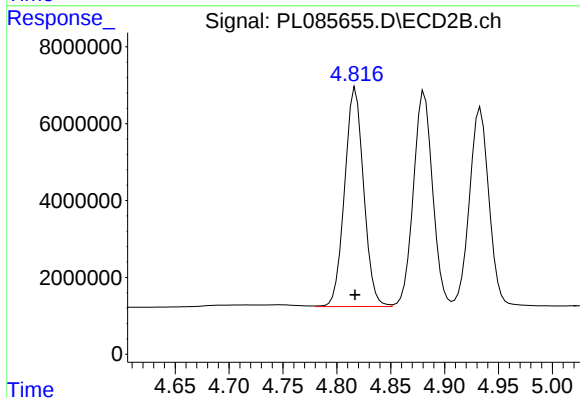
R.T.: 4.182 min  
Delta R.T.: -0.007 min  
Response: 97071  
Conc: 2.61 ng/ml



#25 Chlordane-3

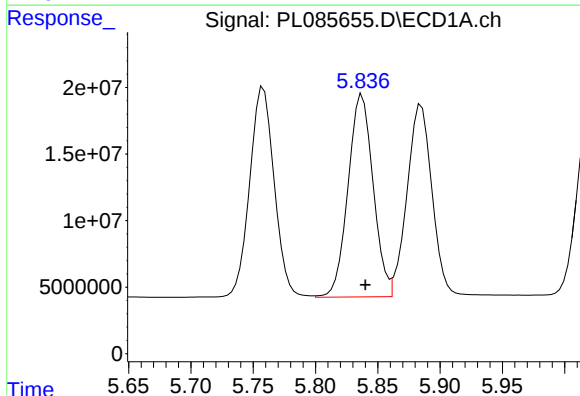
R.T.: 5.758 min  
Delta R.T.: 0.000 min  
Response: 221484110  
Conc: 455.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



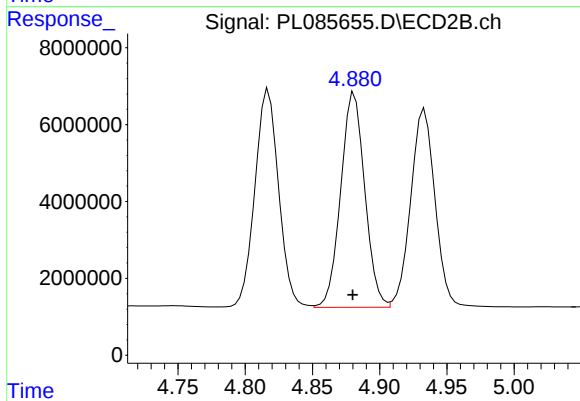
#25 Chlordane-3

R.T.: 4.817 min  
Delta R.T.: 0.000 min  
Response: 70048322  
Conc: 628.35 ng/ml



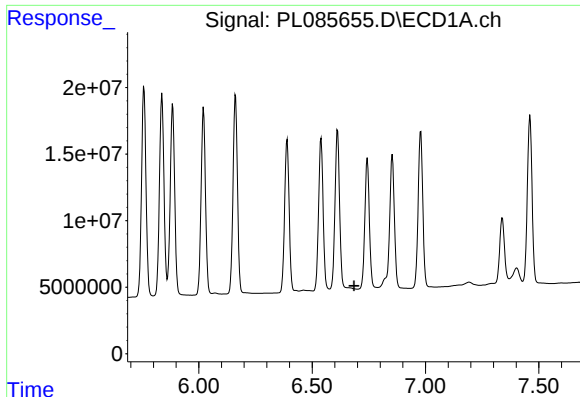
#26 Chlordane-4

R.T.: 5.838 min  
Delta R.T.: -0.003 min  
Response: 213935378  
Conc: 351.92 ng/ml



#26 Chlordane-4

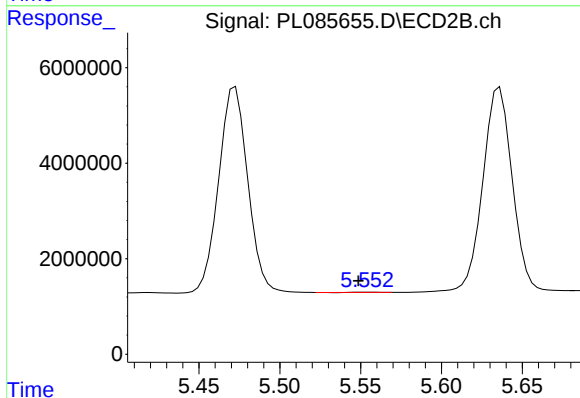
R.T.: 4.881 min  
Delta R.T.: 0.001 min  
Response: 69426004  
Conc: 571.62 ng/ml



#27 Chlordane-5

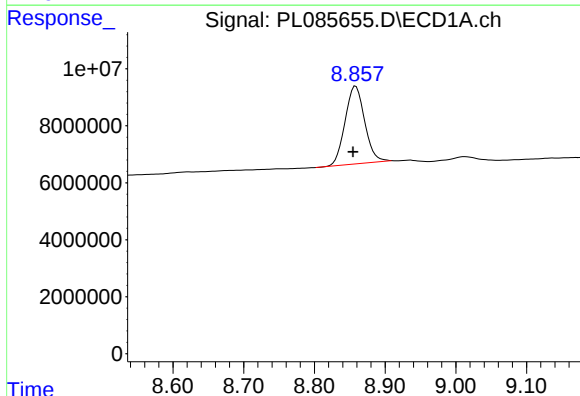
R.T.: 0.000 min  
Exp R.T.: 6.685 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



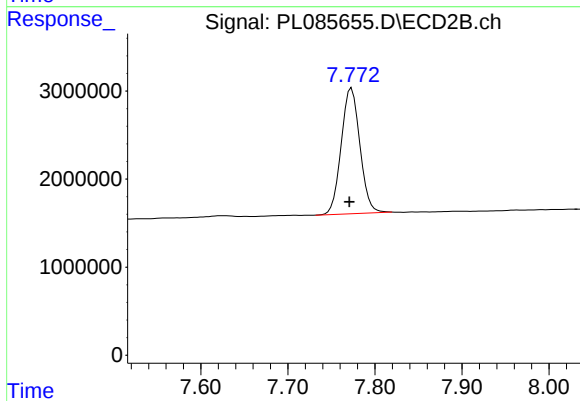
#27 Chlordane-5

R.T.: 5.554 min  
Delta R.T.: 0.005 min  
Response: 36036  
Conc: 1.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: 0.004 min  
Response: 52967185  
Conc: 19.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: 0.002 min  
Response: 21317160  
Conc: 22.77 ng/ml