

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
 Data File : PL085689.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2023 15:12  
 Operator : AR\AJ  
 Sample : PB156101BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 21:23:30 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... | 3.358  | 2.623 | 46801901 | 15249876 | 15.736   | 16.326    |
| 28)                         | SA Decachlor... | 8.858  | 7.773 | 41676417 | 17917758 | 19.135   | 19.413    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.813  | 3.122 | 221.3E6  | 67817799 | 51.567   | 53.904    |
| 3)                          | MA gamma-BHC... | 4.144  | 3.450 | 202.9E6  | 64323886 | 49.084   | 52.154    |
| 4)                          | MA Heptachlor   | 4.731  | 3.786 | 212.4E6  | 64400586 | 54.929   | 55.372    |
| 5)                          | MB Aldrin       | 5.071  | 4.063 | 192.9E6  | 58492449 | 49.773   | 52.306    |
| 6)                          | B beta-BHC      | 4.347  | 3.751 | 86315329 | 28064135 | 52.198   | 53.909    |
| 7)                          | B delta-BHC     | 4.590  | 3.976 | 196.4E6  | 61032149 | 51.230   | 53.119    |
| 8)                          | B Heptachlo...  | 5.501  | 4.567 | 176.6E6  | 55237031 | 51.188   | 54.995    |
| 9)                          | A Endosulfan I  | 5.884  | 4.934 | 166.2E6  | 53164371 | 51.397   | 49.559    |
| 10)                         | B gamma-Chl...  | 5.758  | 4.819 | 182.2E6  | 56689318 | 53.264   | 57.240    |
| 11)                         | B alpha-Chl...  | 5.838  | 4.882 | 176.5E6  | 57018864 | 51.640   | 52.276    |
| 12)                         | B 4,4'-DDE      | 6.021  | 5.082 | 151.2E6  | 49234966 | 54.064   | 59.960    |
| 13)                         | MA Dieldrin     | 6.161  | 5.200 | 163.0E6  | 53823255 | 49.609   | 55.475    |
| 14)                         | MA Endrin       | 6.390  | 5.474 | 147.4E6  | 51807885 | 51.719   | 57.628    |
| 15)                         | B Endosulfa...  | 6.612  | 5.771 | 134.0E6  | 48458329 | 48.640   | 50.958    |
| 16)                         | A 4,4'-DDD      | 6.539  | 5.637 | 113.7E6  | 41540491 | 56.434   | 59.681    |
| 17)                         | MA 4,4'-DDT     | 6.853  | 5.888 | 129.9E6  | 47520193 | 55.130   | 60.095    |
| 18)                         | B Endrin al...  | 6.743  | 5.953 | 104.0E6  | 40278839 | 51.337   | 54.014    |
| 19)                         | B Endosulfa...  | 6.979  | 6.177 | 132.3E6  | 50406584 | 52.702   | 55.876    |
| 20)                         | A Methoxychlor  | 7.339  | 6.472 | 68661861 | 28107870 | 49.163   | 53.429    |
| 21)                         | B Endrin ke...  | 7.460  | 6.679 | 138.5E6  | 60202029 | 48.091   | 52.376    |
| 22)                         | Mirex           | 7.932  | 6.856 | 110.7E6  | 49338868 | 50.006   | 52.312    |
| 23)                         | Chlordane-1     | 0.000  | 3.621 | 0        | 146975   | N.D.     | 4.509 #   |
| 24)                         | Chlordane-2     | 5.071f | 0.000 | 192.9E6  | 0        | 1483.617 | N.D. #    |
| 25)                         | Chlordane-3     | 5.758  | 4.819 | 182.2E6  | 56689318 | 357.188  | 561.015 # |
| 26)                         | Chlordane-4     | 5.838  | 4.882 | 176.5E6  | 57018864 | 278.177  | 492.458 # |
| -----                       |                 |        |       |          |          |          |           |

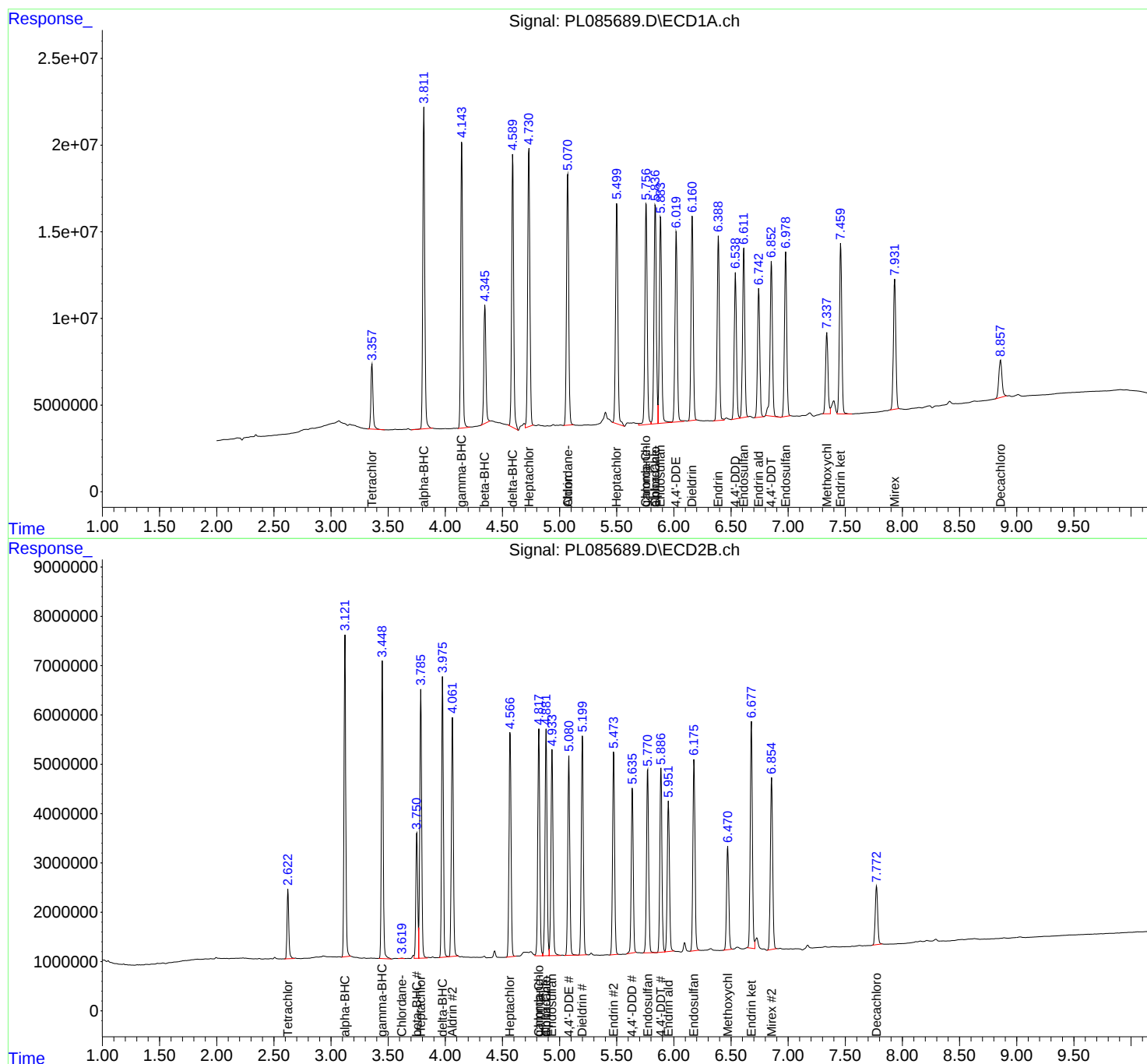
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

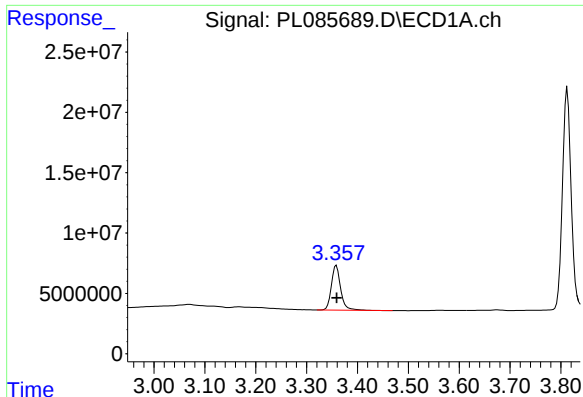
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
Data File : PL085689.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2023 15:12  
Operator : AR\AJ  
Sample : PB156101BSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 21:23:30 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

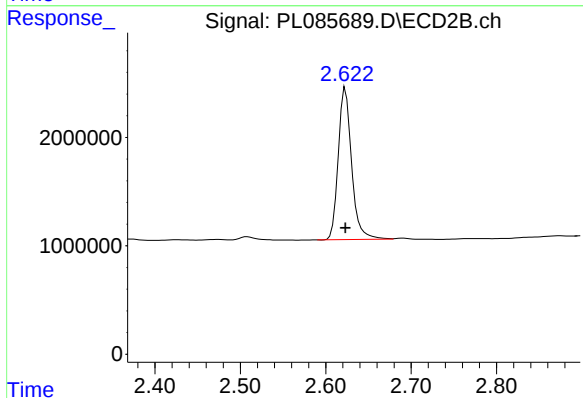




#1 Tetrachloro-m-xylene

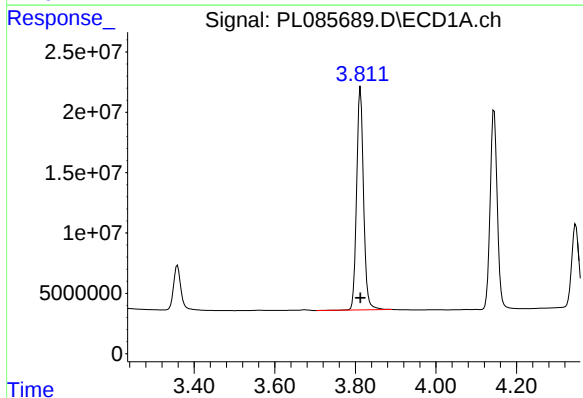
R.T.: 3.358 min  
Delta R.T.: 0.000 min  
Response: 46801901  
Conc: 15.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



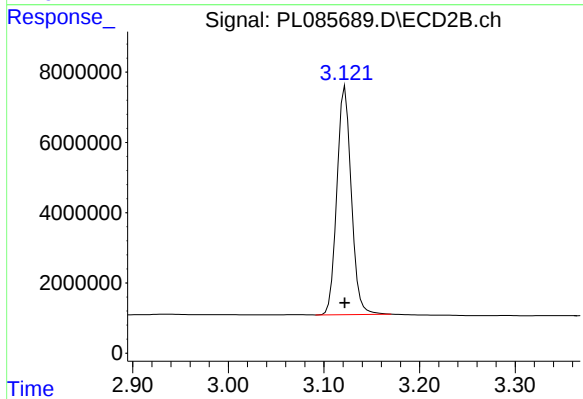
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 15249876  
Conc: 16.33 ng/ml



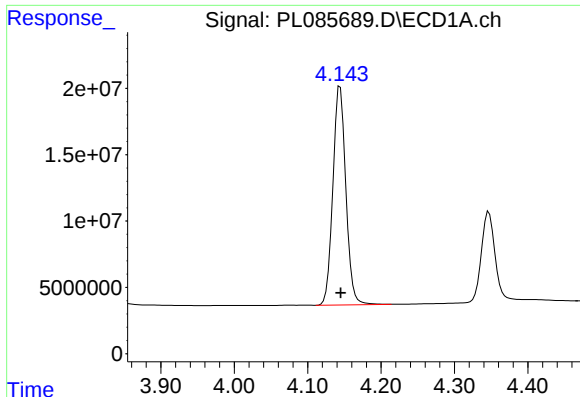
#2 alpha-BHC

R.T.: 3.813 min  
Delta R.T.: 0.000 min  
Response: 221319388  
Conc: 51.57 ng/ml



#2 alpha-BHC

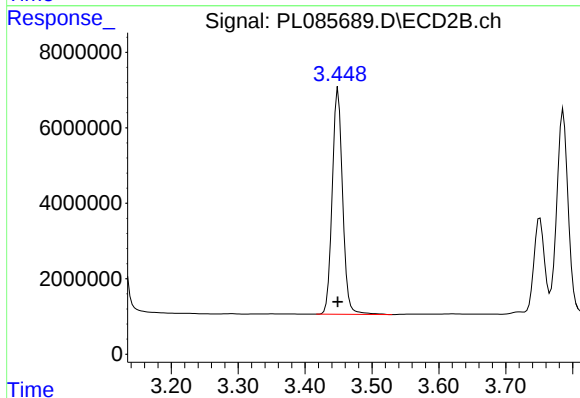
R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 67817799  
Conc: 53.90 ng/ml



#3 gamma-BHC (Lindane)

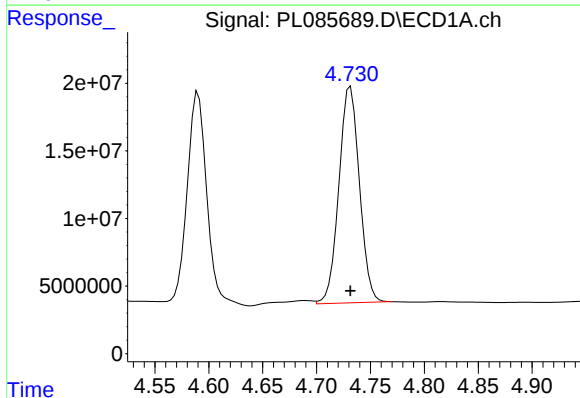
R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 202879985  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



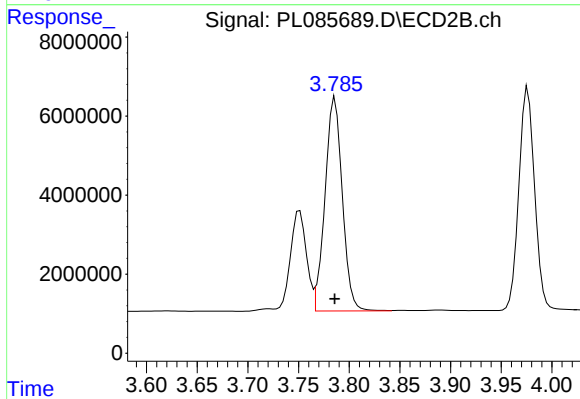
#3 gamma-BHC (Lindane)

R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 64323886  
Conc: 52.15 ng/ml



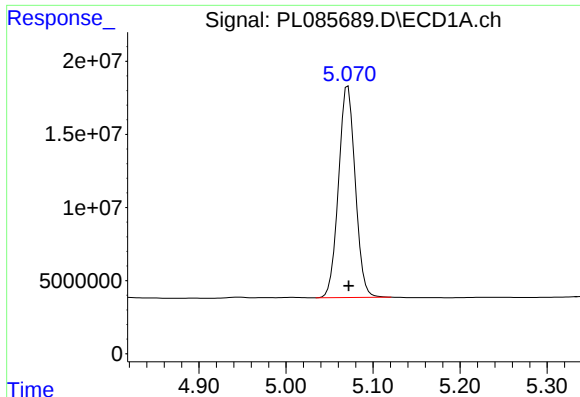
#4 Heptachlor

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 212445565  
Conc: 54.93 ng/ml



#4 Heptachlor

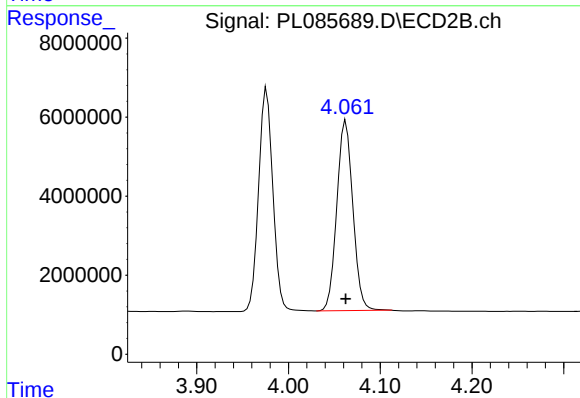
R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 64400586  
Conc: 55.37 ng/ml



#5 Aldrin

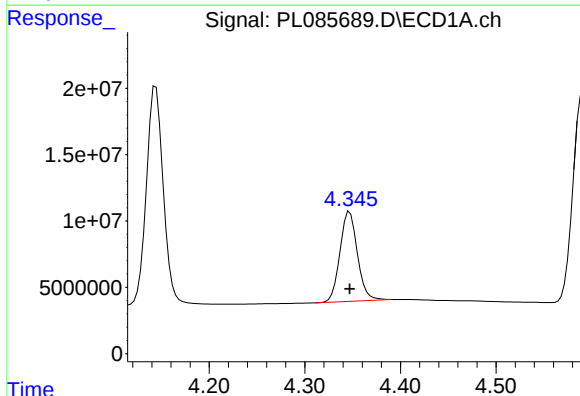
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 192935353  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



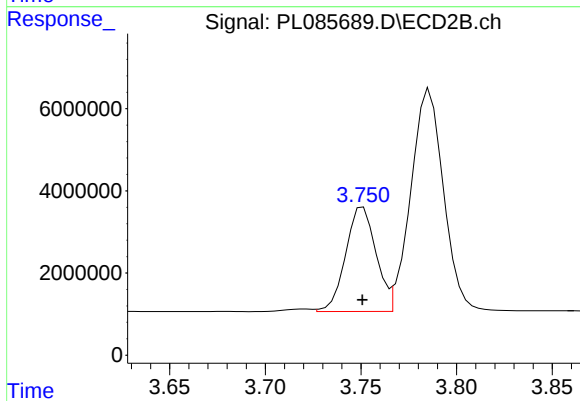
#5 Aldrin

R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 58492449  
Conc: 52.31 ng/ml



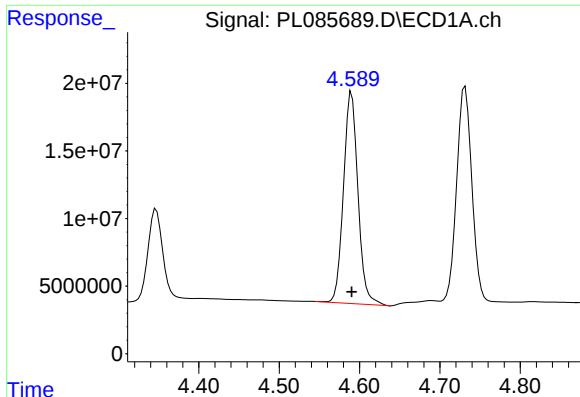
#6 beta-BHC

R.T.: 4.347 min  
Delta R.T.: 0.000 min  
Response: 86315329  
Conc: 52.20 ng/ml



#6 beta-BHC

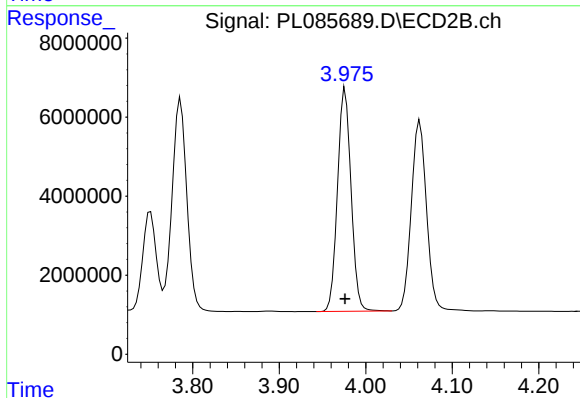
R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 28064135  
Conc: 53.91 ng/ml



#7 delta-BHC

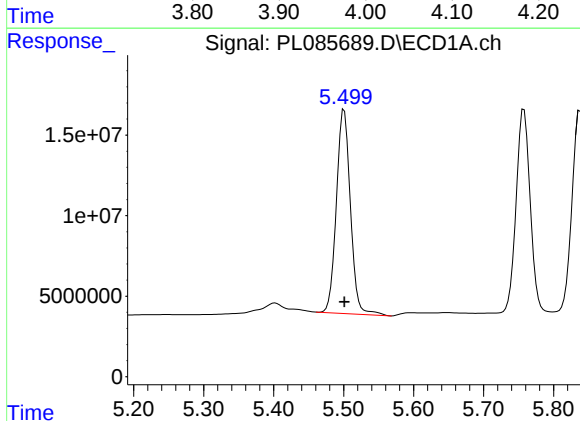
R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 196434418  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



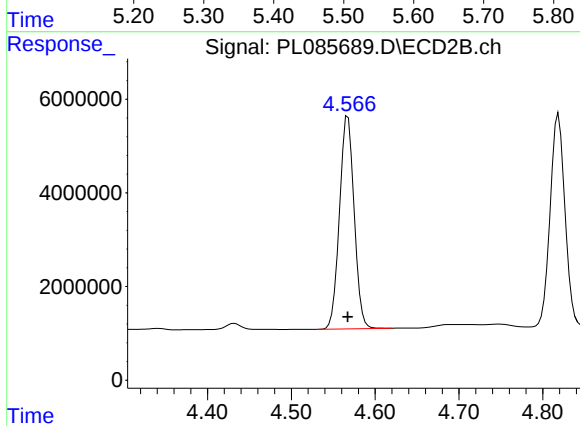
#7 delta-BHC

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 61032149  
Conc: 53.12 ng/ml



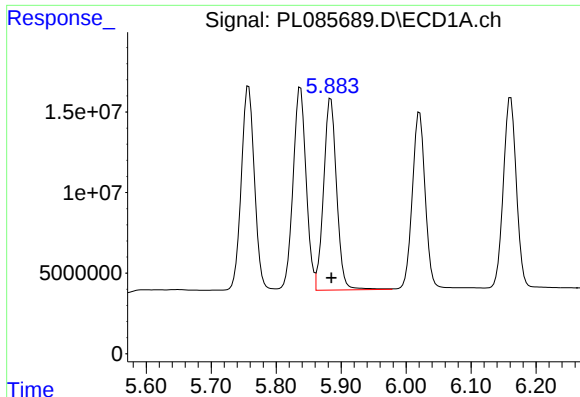
#8 Heptachlor epoxide

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 176588964  
Conc: 51.19 ng/ml



#8 Heptachlor epoxide

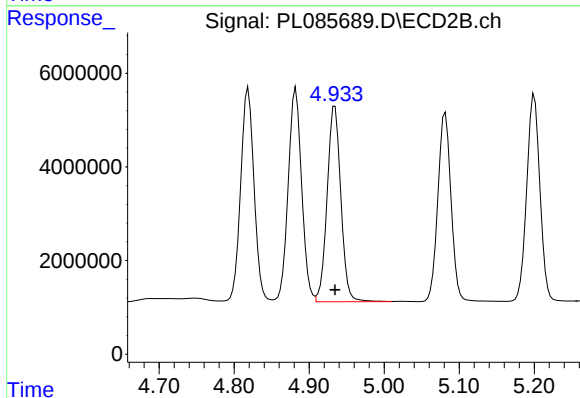
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 55237031  
Conc: 54.99 ng/ml



#9 Endosulfan I

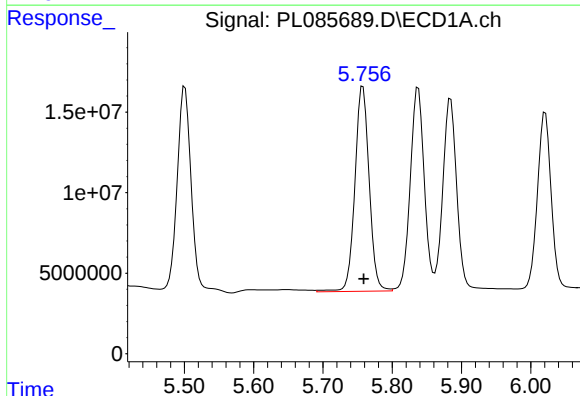
R.T.: 5.884 min  
Delta R.T.: 0.000 min  
Response: 166218835  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



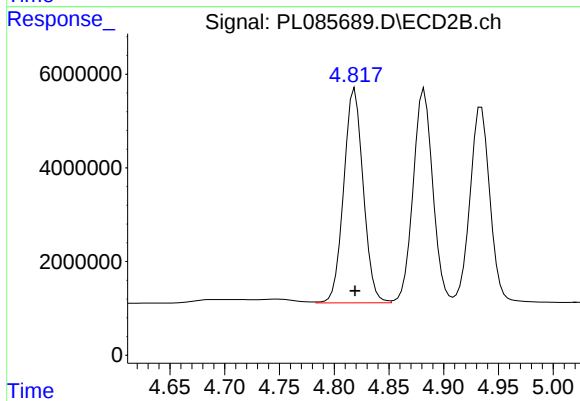
#9 Endosulfan I

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 53164371  
Conc: 49.56 ng/ml



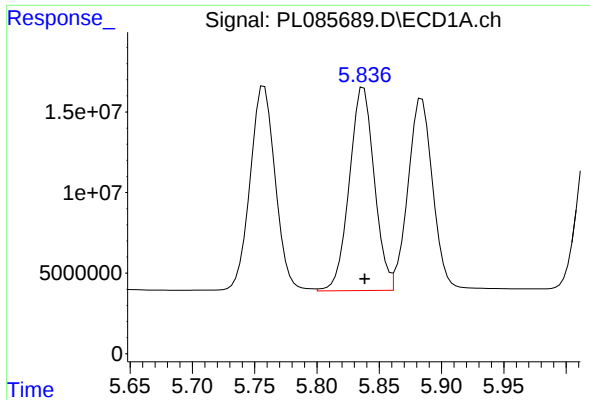
#10 gamma-Chlordane

R.T.: 5.758 min  
Delta R.T.: -0.001 min  
Response: 182237778  
Conc: 53.26 ng/ml



#10 gamma-Chlordane

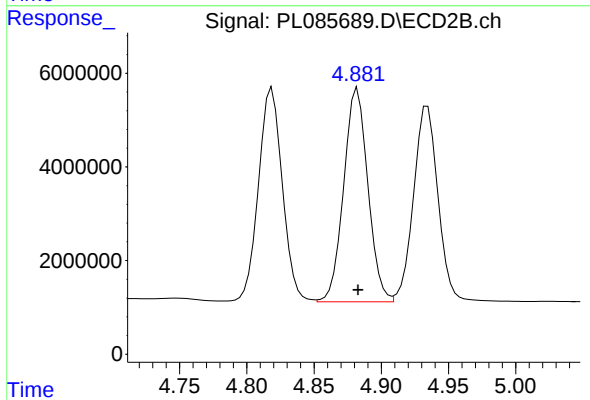
R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 56689318  
Conc: 57.24 ng/ml



#11 alpha-Chlordane

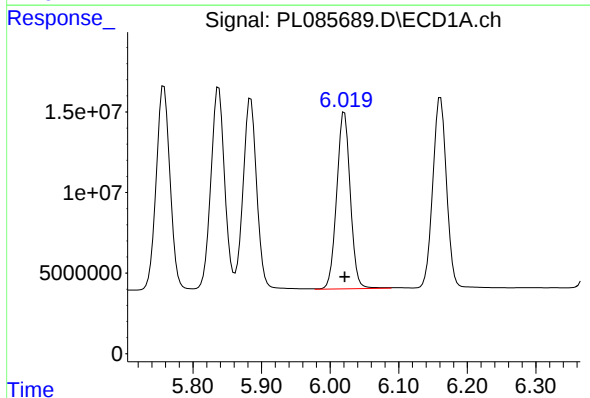
R.T.: 5.838 min  
Delta R.T.: 0.000 min  
Response: 176486699  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



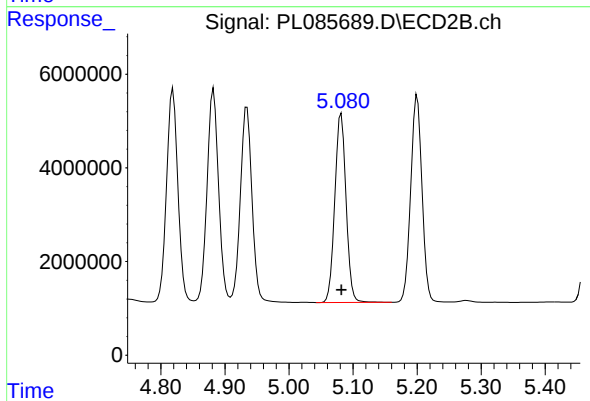
#11 alpha-Chlordane

R.T.: 4.882 min  
Delta R.T.: 0.000 min  
Response: 57018864  
Conc: 52.28 ng/ml



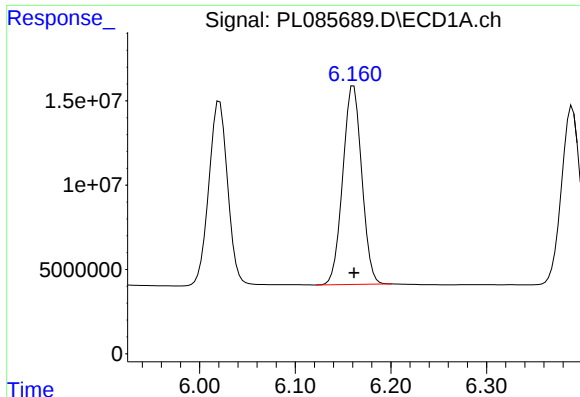
#12 4,4'-DDE

R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 151191929  
Conc: 54.06 ng/ml



#12 4,4'-DDE

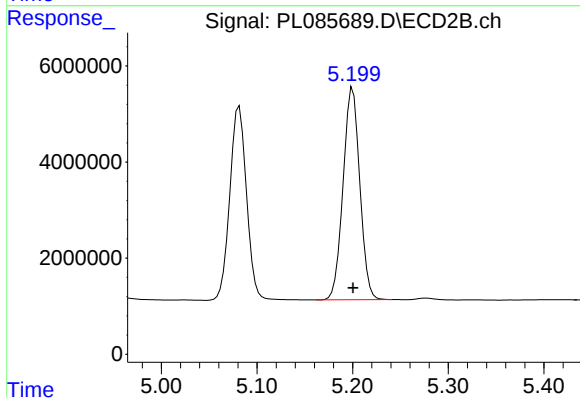
R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 49234966  
Conc: 59.96 ng/ml



#13 Dieldrin

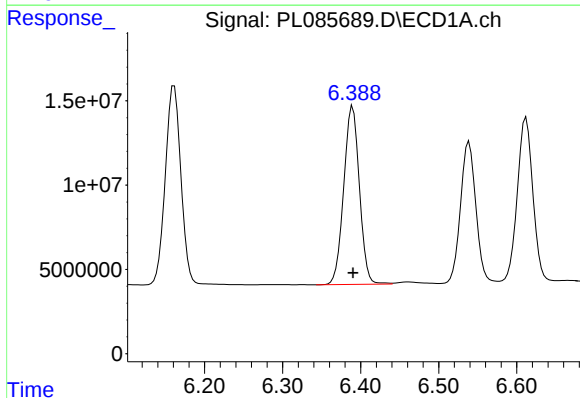
R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 163015074  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



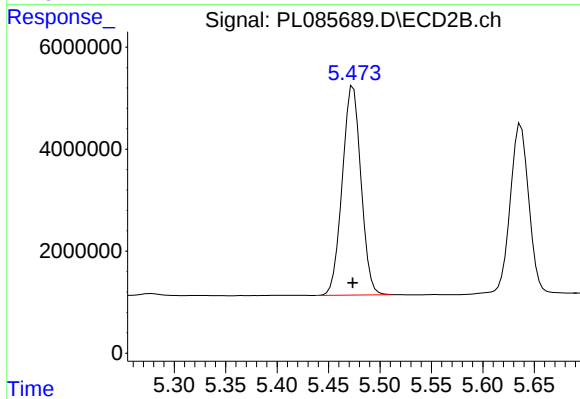
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 53823255  
Conc: 55.48 ng/ml



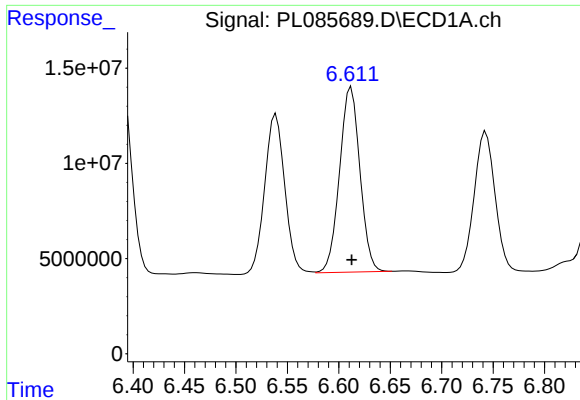
#14 Endrin

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 147387073  
Conc: 51.72 ng/ml



#14 Endrin

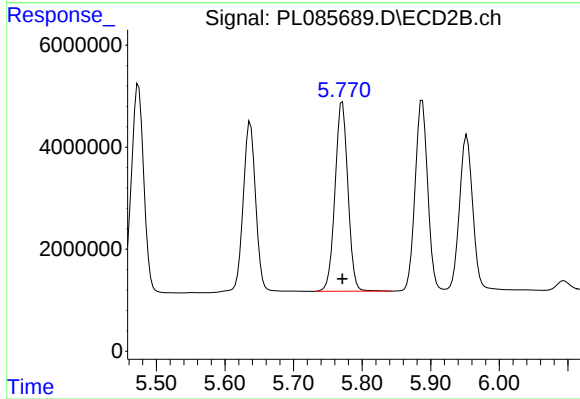
R.T.: 5.474 min  
Delta R.T.: 0.000 min  
Response: 51807885  
Conc: 57.63 ng/ml



#15 Endosulfan II

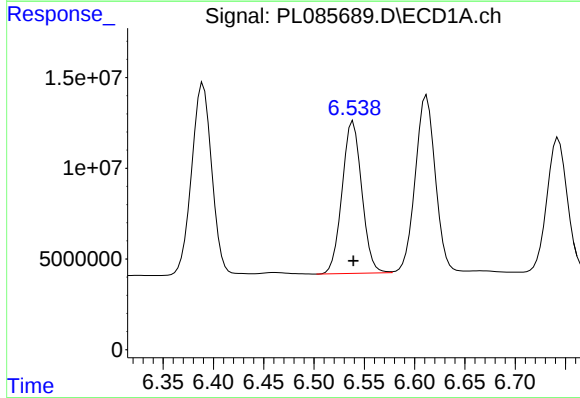
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 134028222  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



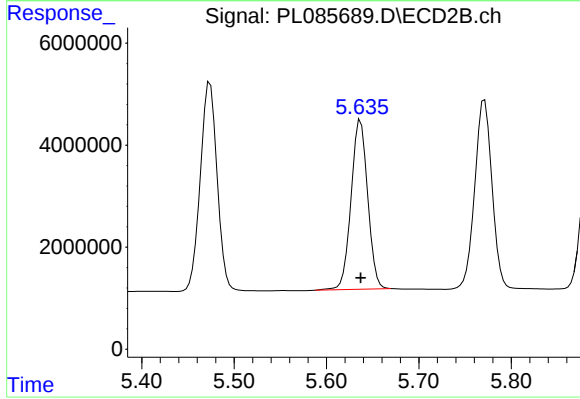
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 48458329  
Conc: 50.96 ng/ml



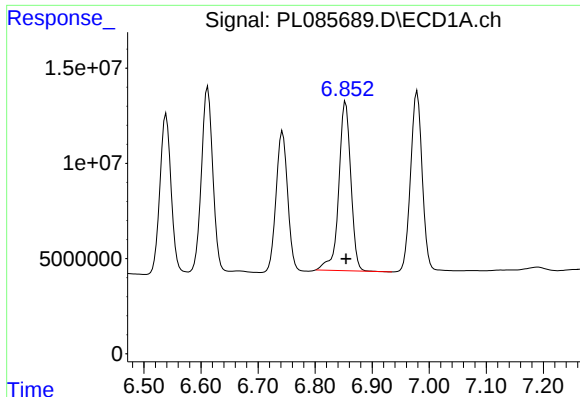
#16 4,4'-DDD

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 113695398  
Conc: 56.43 ng/ml



#16 4,4'-DDD

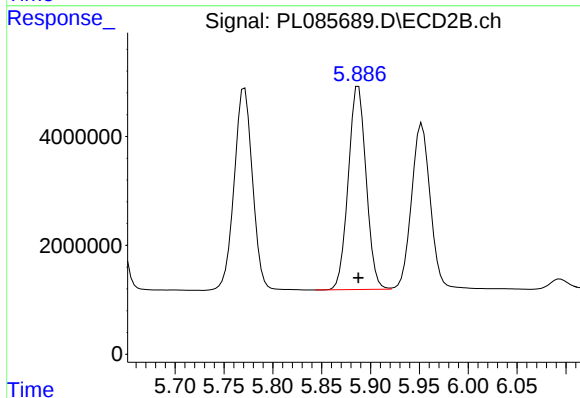
R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 41540491  
Conc: 59.68 ng/ml



#17 4,4'-DDT

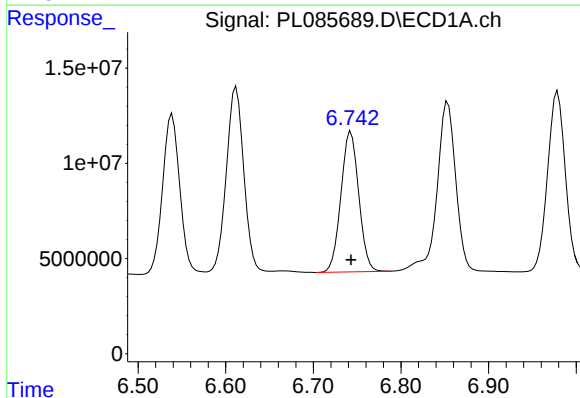
R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 129946922  
Conc: 55.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



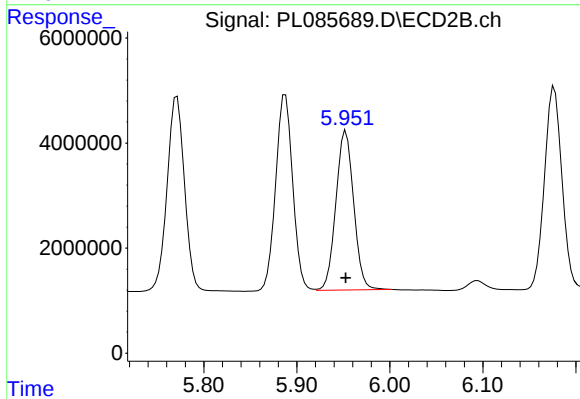
#17 4,4'-DDT

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 47520193  
Conc: 60.09 ng/ml



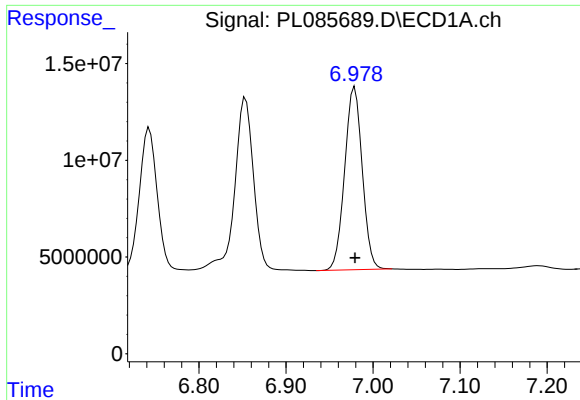
#18 Endrin aldehyde

R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 104048349  
Conc: 51.34 ng/ml



#18 Endrin aldehyde

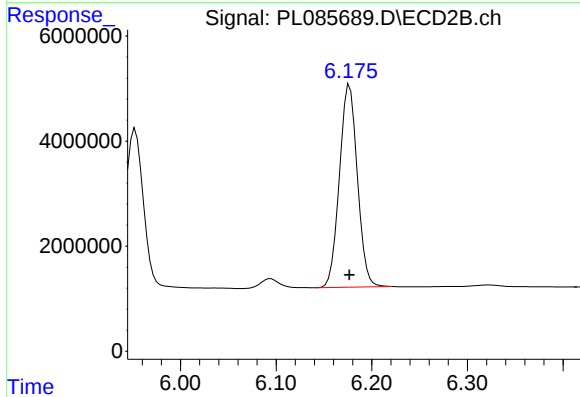
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 40278839  
Conc: 54.01 ng/ml



#19 Endosulfan Sulfate

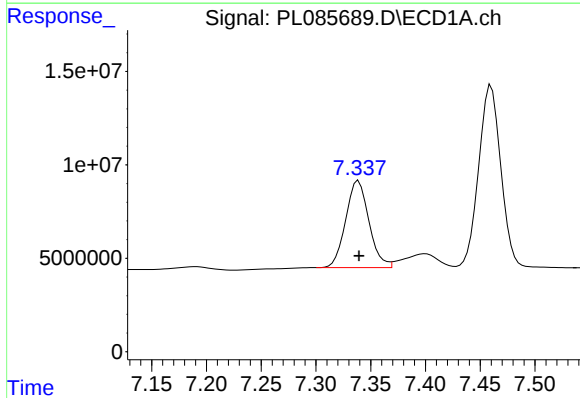
R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 132267177  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



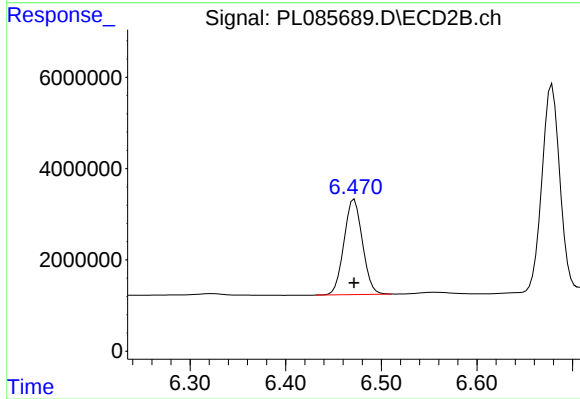
#19 Endosulfan Sulfate

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 50406584  
Conc: 55.88 ng/ml



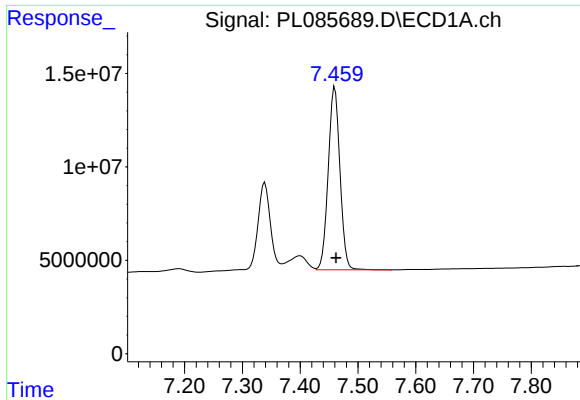
#20 Methoxychlor

R.T.: 7.339 min  
Delta R.T.: 0.000 min  
Response: 68661861  
Conc: 49.16 ng/ml



#20 Methoxychlor

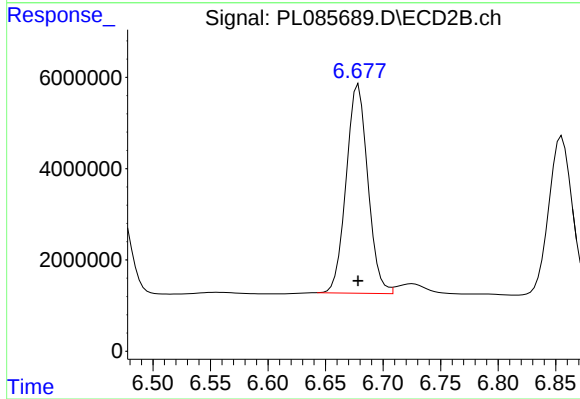
R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 28107870  
Conc: 53.43 ng/ml



#21 Endrin ketone

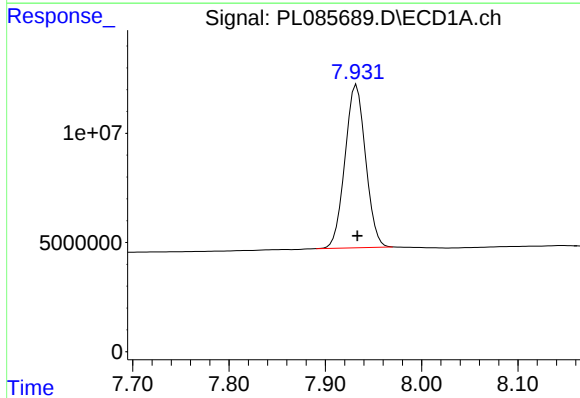
R.T.: 7.460 min  
Delta R.T.: -0.002 min  
Response: 138516035  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



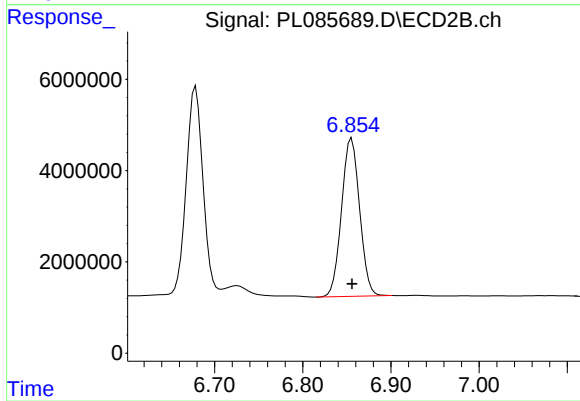
#21 Endrin ketone

R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 60202029  
Conc: 52.38 ng/ml



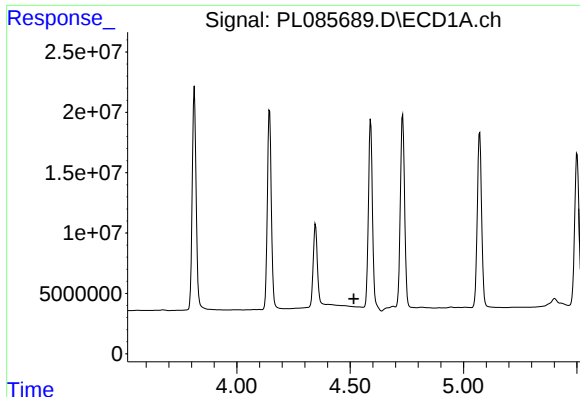
#22 Mirex

R.T.: 7.932 min  
Delta R.T.: -0.001 min  
Response: 110713615  
Conc: 50.01 ng/ml



#22 Mirex

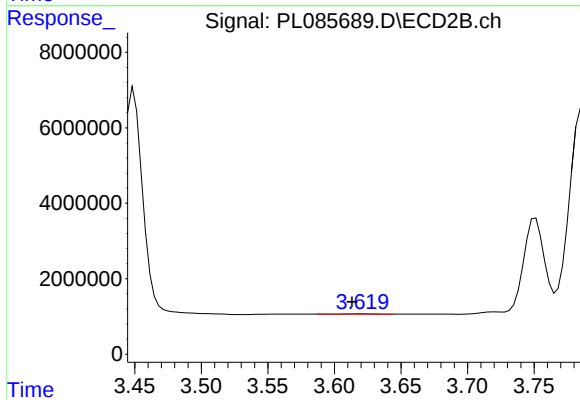
R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 49338868  
Conc: 52.31 ng/ml



#23 Chlordane-1

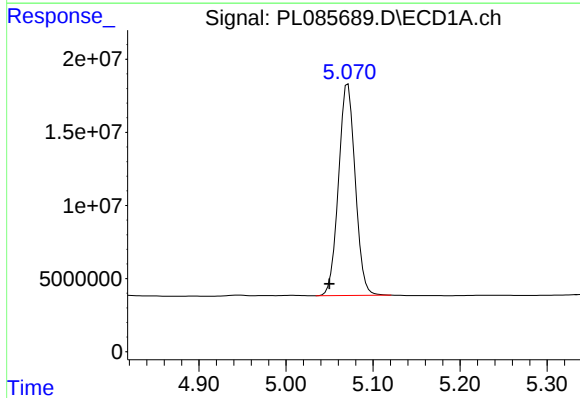
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



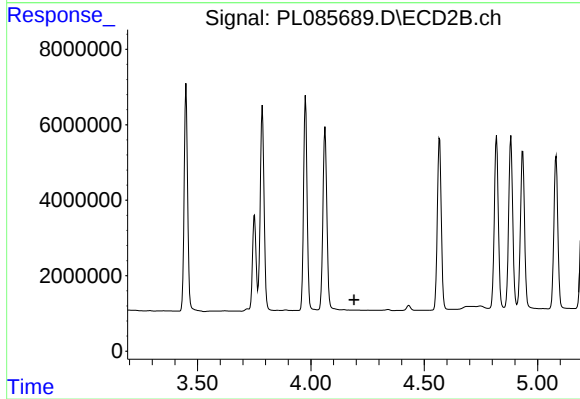
#23 Chlordane-1

R.T.: 3.621 min  
Delta R.T.: 0.007 min  
Response: 146975  
Conc: 4.51 ng/ml



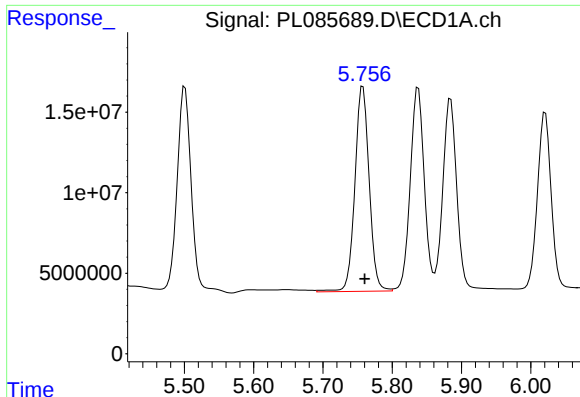
#24 Chlordane-2

R.T.: 5.071 min  
Delta R.T.: 0.021 min  
Response: 192935353  
Conc: 1483.62 ng/ml



#24 Chlordane-2

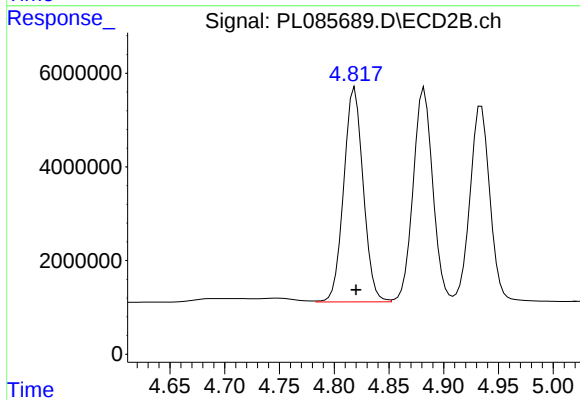
R.T.: 0.000 min  
Exp R.T.: 4.191 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

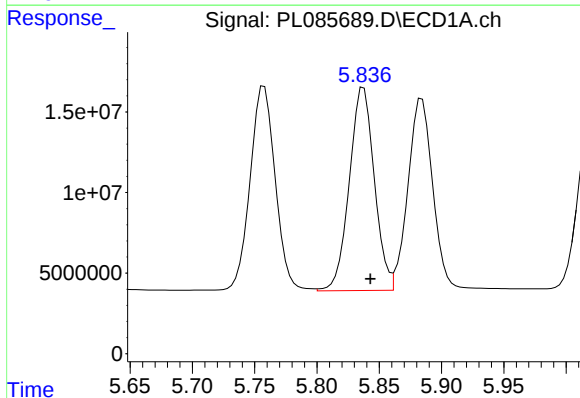
R.T.: 5.758 min  
Delta R.T.: -0.002 min  
Response: 182237778  
Conc: 357.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



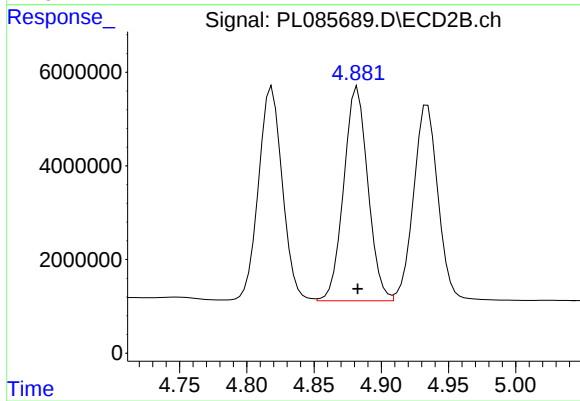
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: -0.001 min  
Response: 56689318  
Conc: 561.02 ng/ml



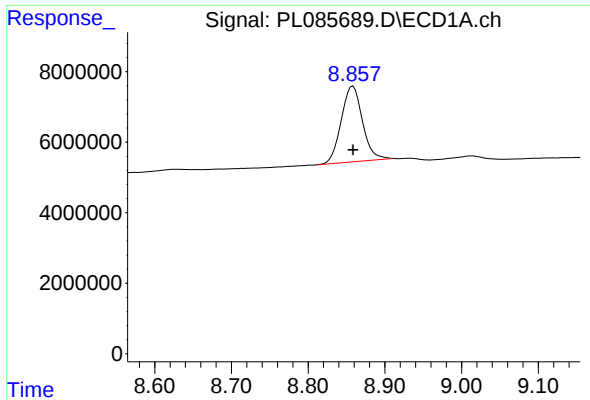
#26 Chlordane-4

R.T.: 5.838 min  
Delta R.T.: -0.005 min  
Response: 176486699  
Conc: 278.18 ng/ml



#26 Chlordane-4

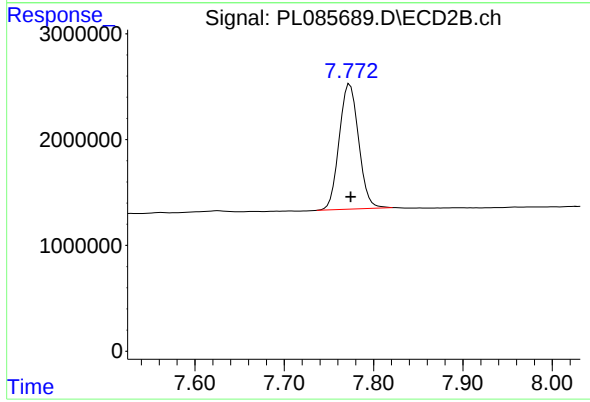
R.T.: 4.882 min  
Delta R.T.: 0.000 min  
Response: 57018864  
Conc: 492.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: 0.000 min  
Response: 41676417  
Conc: 19.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.001 min  
Response: 17917758  
Conc: 19.41 ng/ml