

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
 Data File : PL086006.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2023 17:47  
 Operator : AR\AJ  
 Sample : 04920-03MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 22:21:36 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  | 2.621  | 51484424 | 16950393 | 17.311   | 18.146    |
| 2)                          | SA Decachlor... | 8.856  | 7.773  | 39096099 | 16183834 | 17.950   | 17.534    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.810  | 3.120  | 218.0E6  | 66232489 | 50.785   | 52.643    |
| 3)                          | MA gamma-BHC... | 4.141  | 3.448  | 207.0E6  | 65528847 | 50.069   | 53.131    |
| 4)                          | MA Heptachlor   | 4.728  | 3.784  | 207.8E6  | 65095750 | 53.738   | 55.969    |
| 5)                          | MB Aldrin       | 5.068  | 4.060  | 202.3E6  | 66163590 | 52.184   | 59.166    |
| 6)                          | B beta-BHC      | 4.344  | 3.749  | 88116239 | 28257135 | 53.287   | 54.279    |
| 7)                          | B delta-BHC     | 4.586  | 3.975  | 202.5E6  | 62765570 | 52.799   | 54.628    |
| 8)                          | B Heptachlo...  | 5.498  | 4.565  | 174.1E6  | 58937199 | 50.460   | 58.679    |
| 9)                          | A Endosulfan I  | 5.882  | 4.933  | 165.1E6  | 54483974 | 51.042   | 50.790    |
| 10)                         | B gamma-Chl...  | 5.754  | 4.817  | 176.7E6  | 59486452 | 51.651   | 60.064    |
| 11)                         | B alpha-Chl...  | 5.834  | 4.881  | 176.2E6  | 59589065 | 51.557   | 54.632    |
| 12)                         | B 4,4'-DDE      | 6.018  | 5.080  | 156.4E6  | 52630667 | 55.931   | 64.095    |
| 13)                         | MA Dieldrin     | 6.158  | 5.198  | 166.2E6  | 58153131 | 50.583   | 59.938    |
| 14)                         | MA Endrin       | 6.386  | 5.472  | 147.8E6  | 53890690 | 51.854   | 59.945    |
| 15)                         | B Endosulfa...  | 6.609  | 5.770  | 138.1E6  | 51423984 | 50.107   | 54.077    |
| 16)                         | A 4,4'-DDD      | 6.536  | 5.636  | 120.9E6  | 43979720 | 59.994   | 63.185    |
| 17)                         | MA 4,4'-DDT     | 6.851  | 5.886  | 127.2E6  | 49230832 | 53.967   | 62.258    |
| 18)                         | B Endrin al...  | 6.740  | 5.951  | 108.5E6  | 42404282 | 53.539   | 56.864    |
| 19)                         | B Endosulfa...  | 6.976  | 6.176  | 131.0E6  | 51045954 | 52.201   | 56.585    |
| 20)                         | A Methoxychlor  | 7.337  | 6.471  | 74113677 | 29719816 | 53.066   | 56.493    |
| 21)                         | B Endrin ke...  | 7.458  | 6.677  | 143.9E6  | 59644035 | 49.976   | 51.891    |
| 22)                         | Mirex           | 7.931  | 6.855  | 130.2E6  | 58461050 | 58.806   | 61.983    |
| 23)                         | Chlordane-1     | 0.000  | 3.637f | 0        | 1043711  | N.D.     | 32.017 #  |
| 24)                         | Chlordane-2     | 5.068f | 4.202  | 202.3E6  | 37967    | 1555.490 | 0.976 #   |
| 25)                         | Chlordane-3     | 5.754  | 4.817  | 176.7E6  | 59486452 | 346.374  | 588.697 # |
| 26)                         | Chlordane-4     | 5.834  | 4.881  | 176.2E6  | 59589065 | 277.734  | 514.657 # |
| 27)                         | Chlordane-5     | 0.000  | 5.554  | 0        | 30789    | N.D.     | 1.105 #   |
| -----                       |                 |        |        |          |          |          |           |

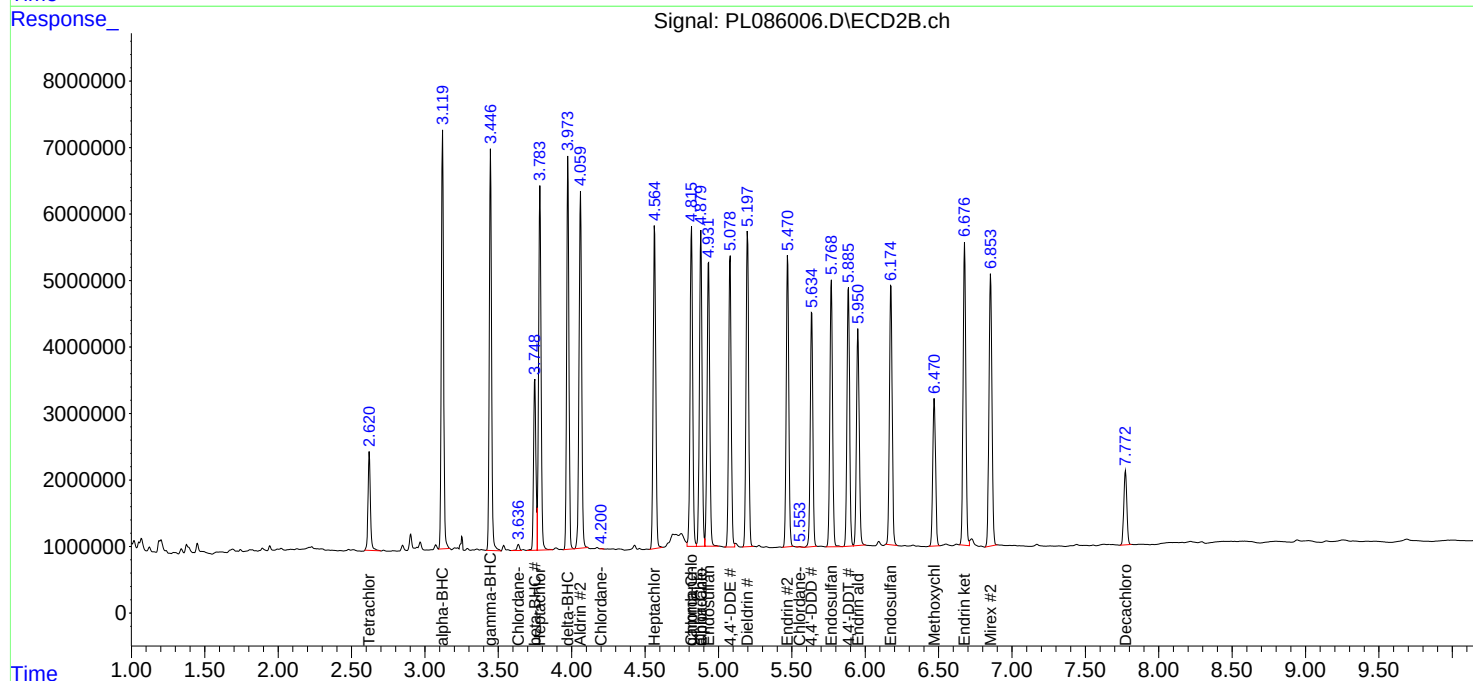
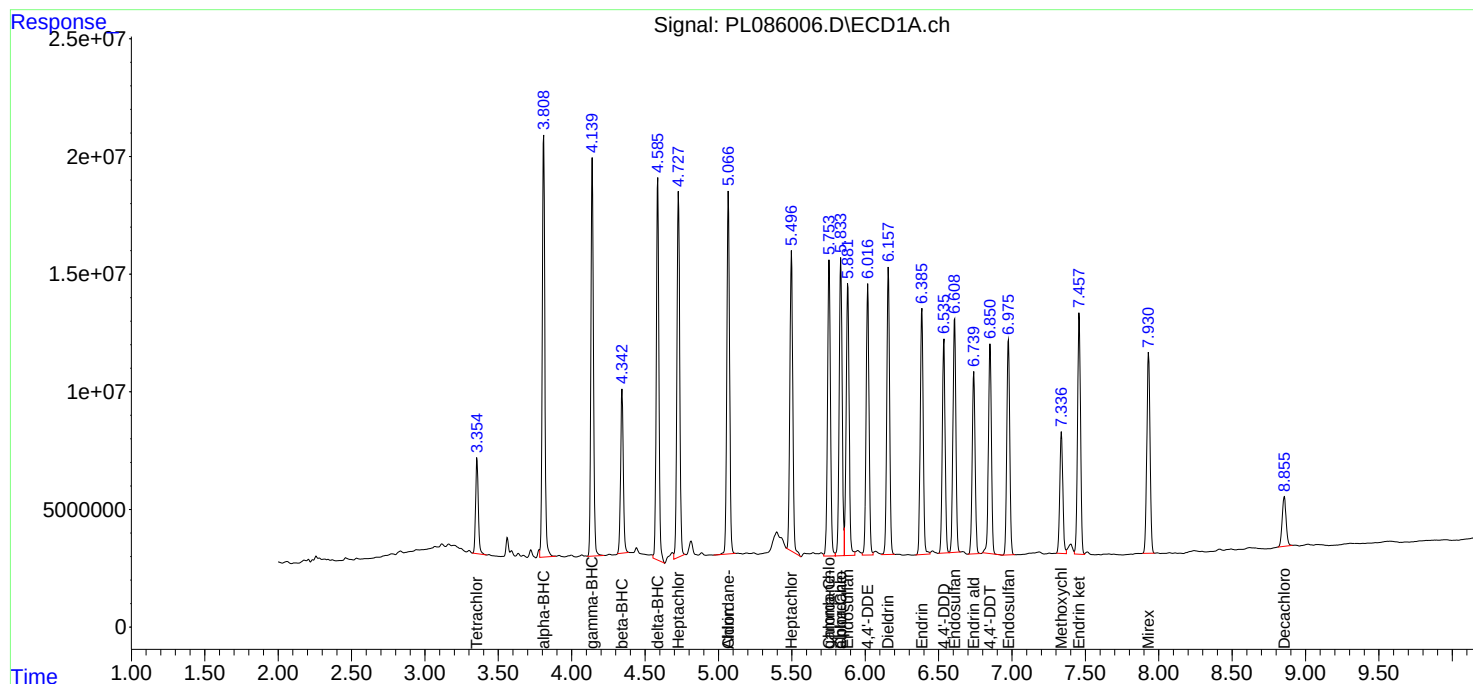
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

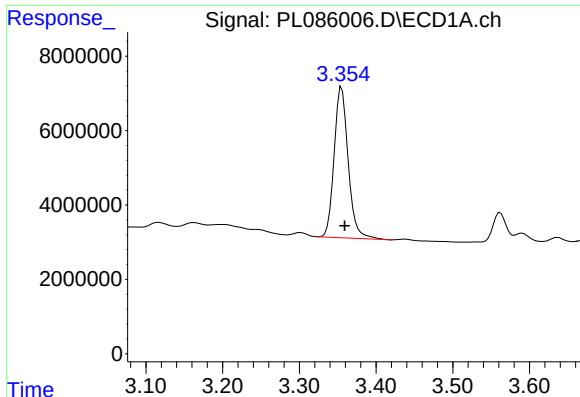
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
Data File : PL086006.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2023 17:47  
Operator : AR\AJ  
Sample : 04920-03MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 22:21:36 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

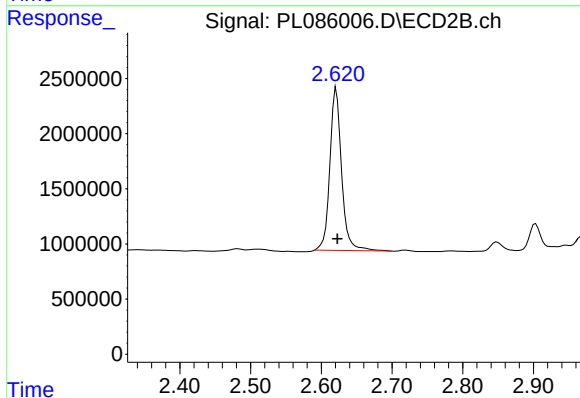




#1 Tetrachloro-m-xylene

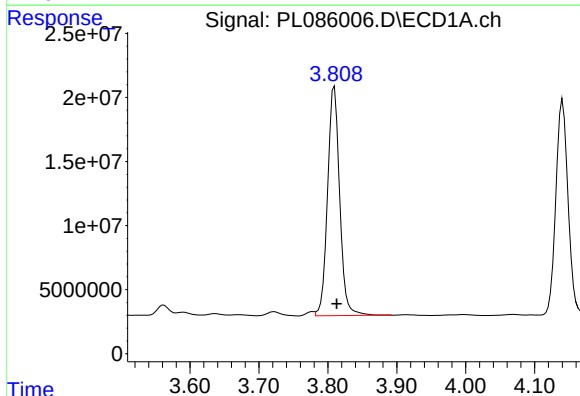
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 51484424  
Conc: 17.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



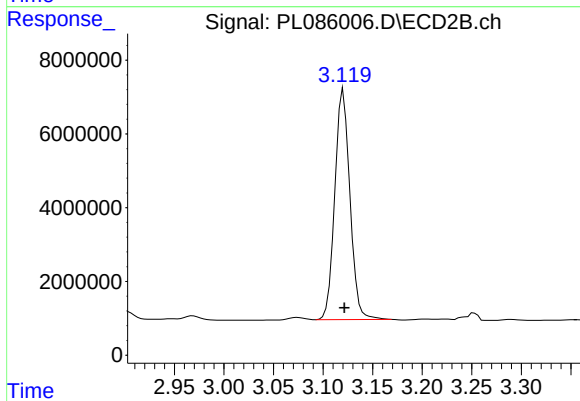
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.002 min  
Response: 16950393  
Conc: 18.15 ng/ml



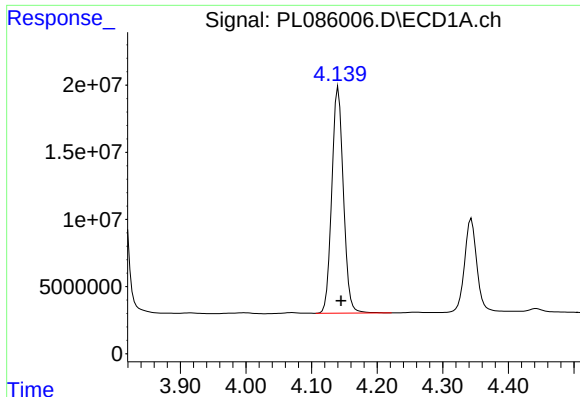
#2 alpha-BHC

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 217965001  
Conc: 50.79 ng/ml



#2 alpha-BHC

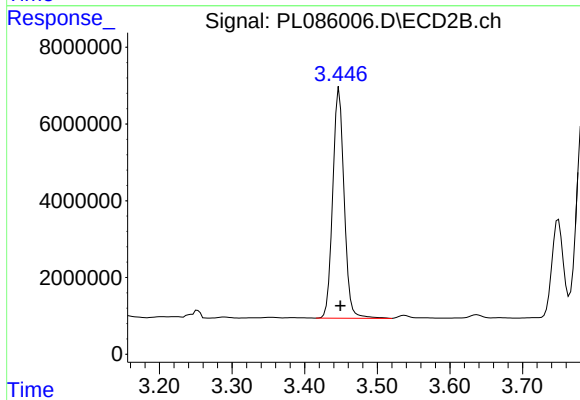
R.T.: 3.120 min  
Delta R.T.: -0.001 min  
Response: 66232489  
Conc: 52.64 ng/ml



#3 gamma-BHC (Lindane)

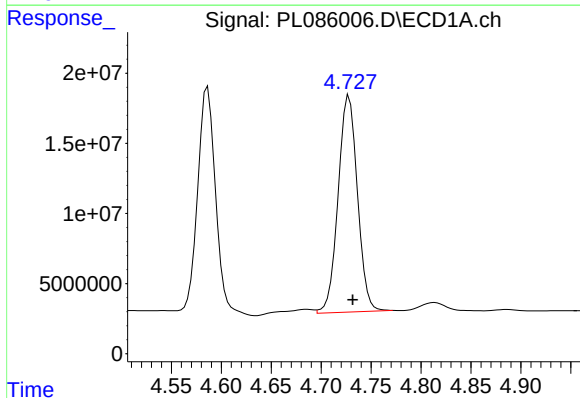
R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 206951130  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



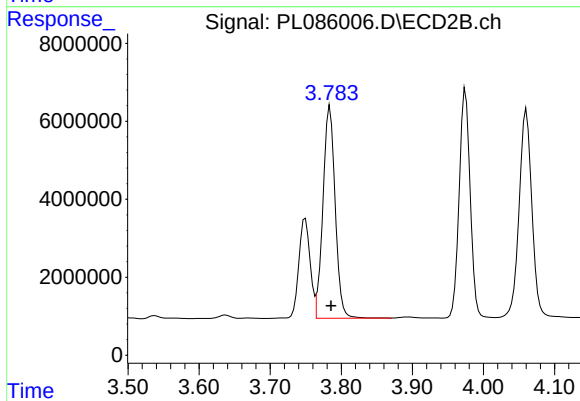
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 65528847  
Conc: 53.13 ng/ml



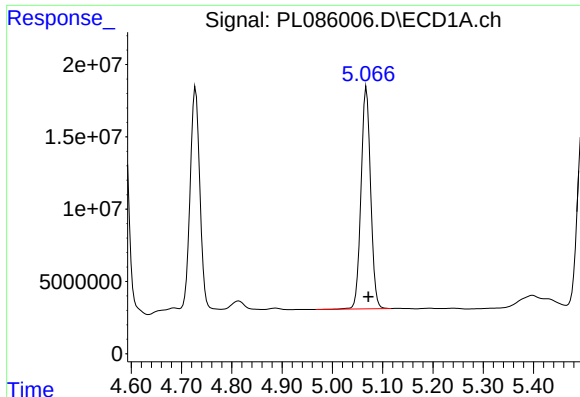
#4 Heptachlor

R.T.: 4.728 min  
Delta R.T.: -0.004 min  
Response: 207836932  
Conc: 53.74 ng/ml



#4 Heptachlor

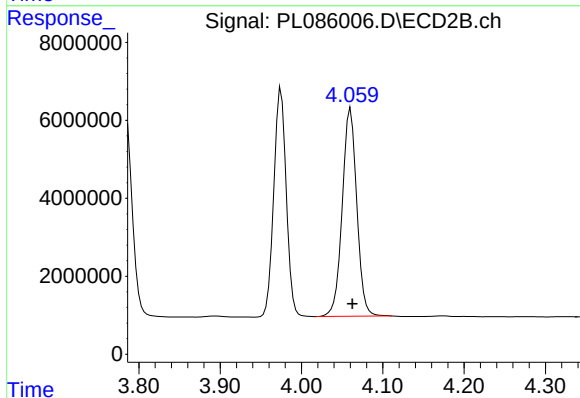
R.T.: 3.784 min  
Delta R.T.: -0.002 min  
Response: 65095750  
Conc: 55.97 ng/ml



#5 Aldrin

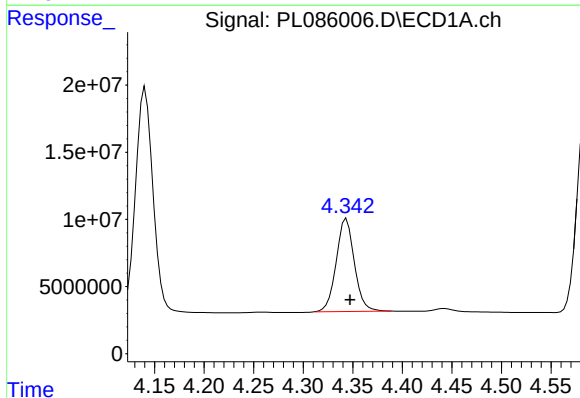
R.T.: 5.068 min  
Delta R.T.: -0.004 min  
Response: 202282002  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



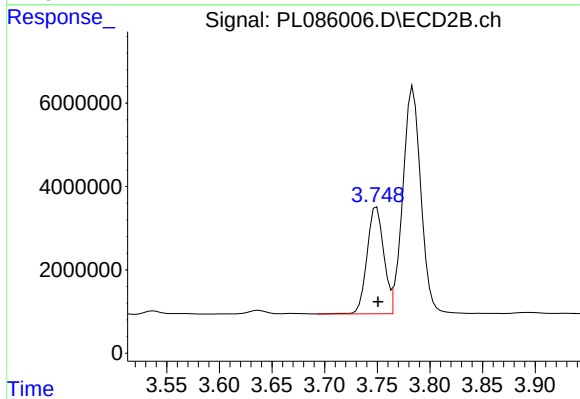
#5 Aldrin

R.T.: 4.060 min  
Delta R.T.: -0.002 min  
Response: 66163590  
Conc: 59.17 ng/ml



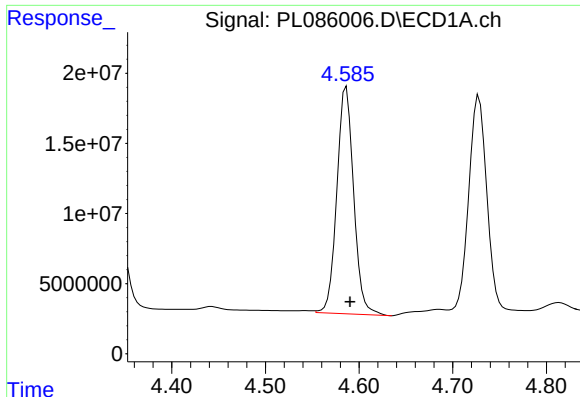
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: -0.004 min  
Response: 88116239  
Conc: 53.29 ng/ml



#6 beta-BHC

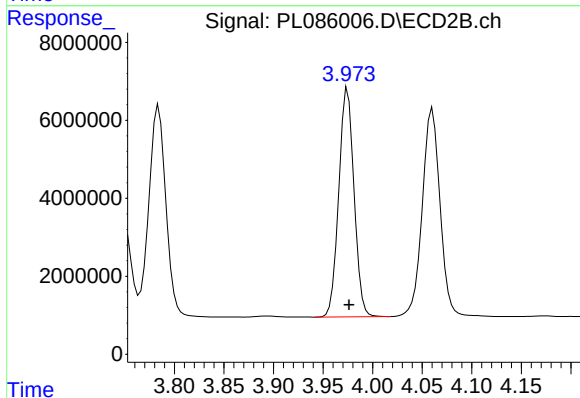
R.T.: 3.749 min  
Delta R.T.: -0.001 min  
Response: 28257135  
Conc: 54.28 ng/ml



#7 delta-BHC

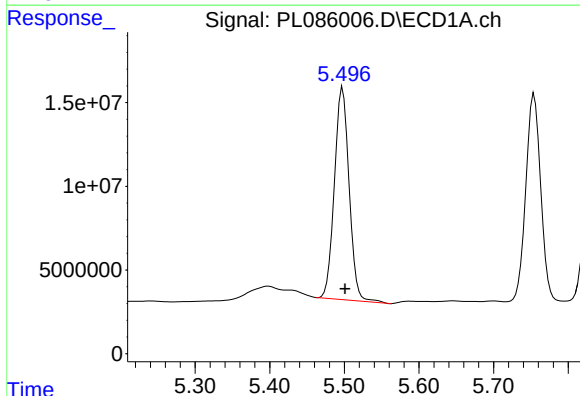
R.T.: 4.586 min  
Delta R.T.: -0.004 min  
Response: 202453644  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



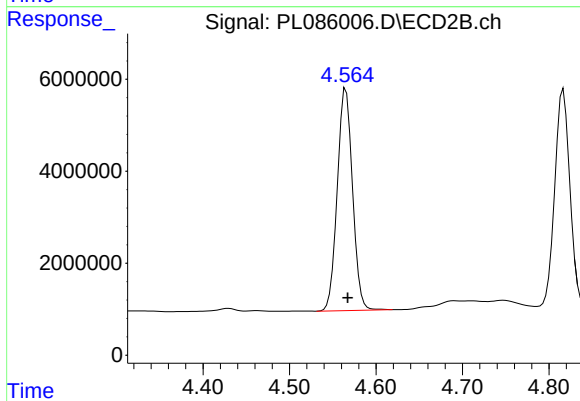
#7 delta-BHC

R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 62765570  
Conc: 54.63 ng/ml



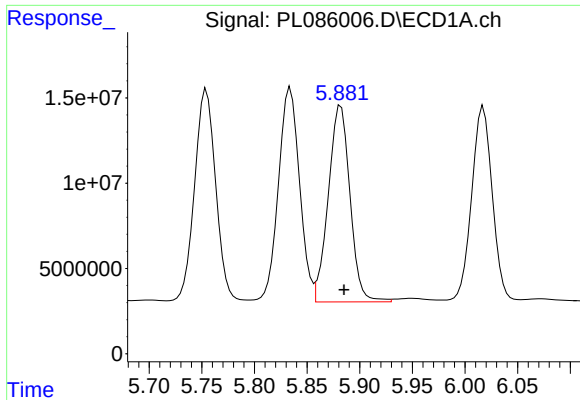
#8 Heptachlor epoxide

R.T.: 5.498 min  
Delta R.T.: -0.003 min  
Response: 174076728  
Conc: 50.46 ng/ml



#8 Heptachlor epoxide

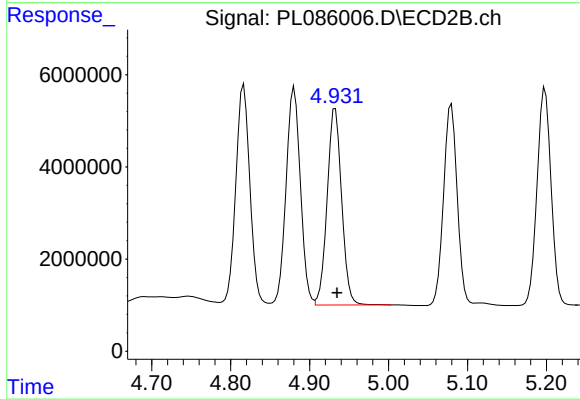
R.T.: 4.565 min  
Delta R.T.: -0.002 min  
Response: 58937199  
Conc: 58.68 ng/ml



#9 Endosulfan I

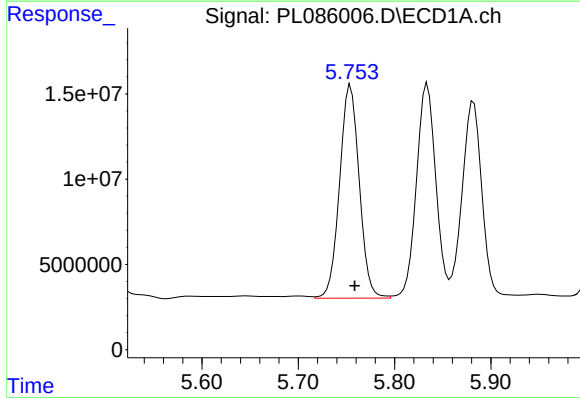
R.T.: 5.882 min  
Delta R.T.: -0.003 min  
Response: 165070746  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



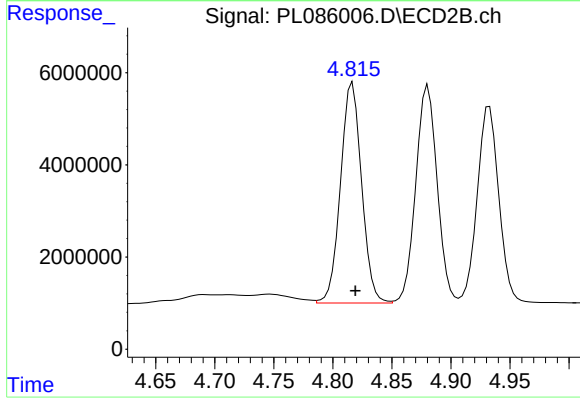
#9 Endosulfan I

R.T.: 4.933 min  
Delta R.T.: -0.002 min  
Response: 54483974  
Conc: 50.79 ng/ml



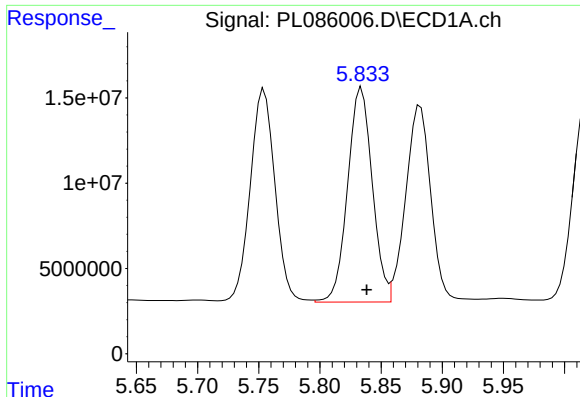
#10 gamma-Chlordane

R.T.: 5.754 min  
Delta R.T.: -0.004 min  
Response: 176720072  
Conc: 51.65 ng/ml



#10 gamma-Chlordane

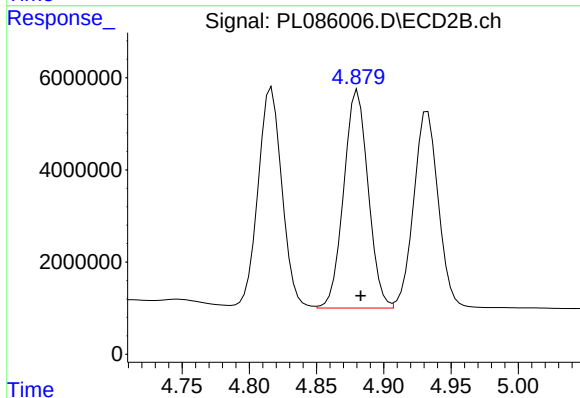
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 59486452  
Conc: 60.06 ng/ml



#11 alpha-Chlordane

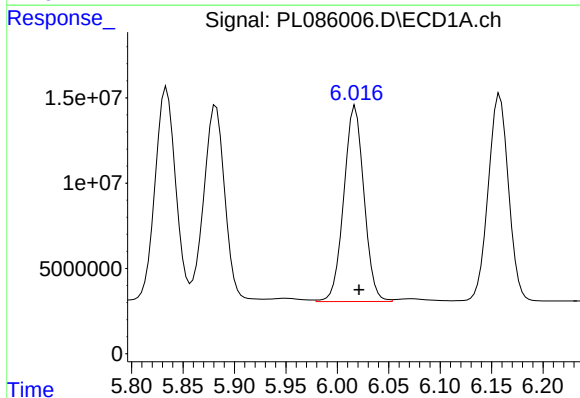
R.T.: 5.834 min  
Delta R.T.: -0.004 min  
Response: 176205621  
Conc: 51.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



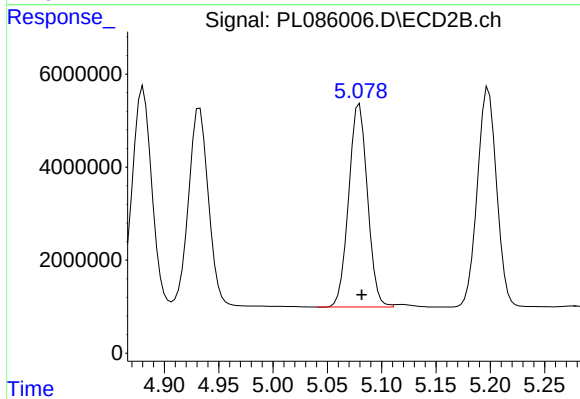
#11 alpha-Chlordane

R.T.: 4.881 min  
Delta R.T.: -0.002 min  
Response: 59589065  
Conc: 54.63 ng/ml



#12 4,4'-DDE

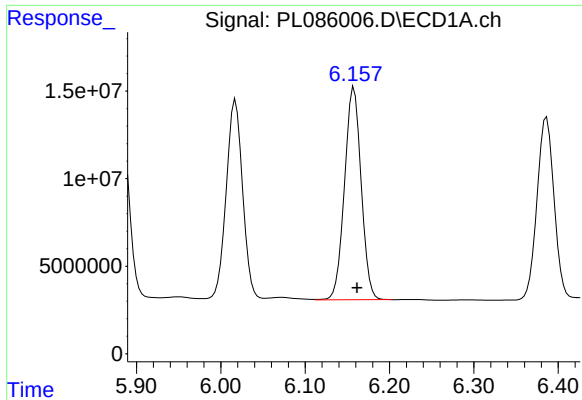
R.T.: 6.018 min  
Delta R.T.: -0.004 min  
Response: 156412528  
Conc: 55.93 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min  
Delta R.T.: -0.002 min  
Response: 52630667  
Conc: 64.09 ng/ml

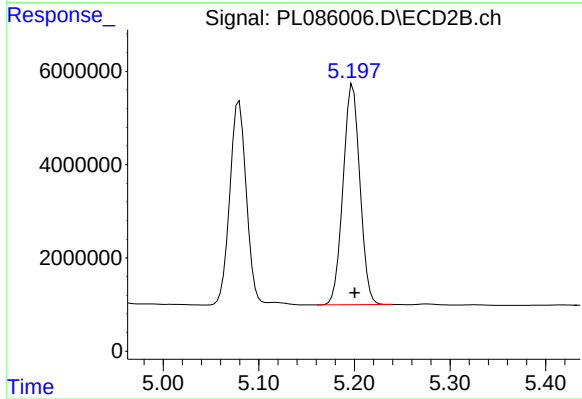




#13 Dieldrin

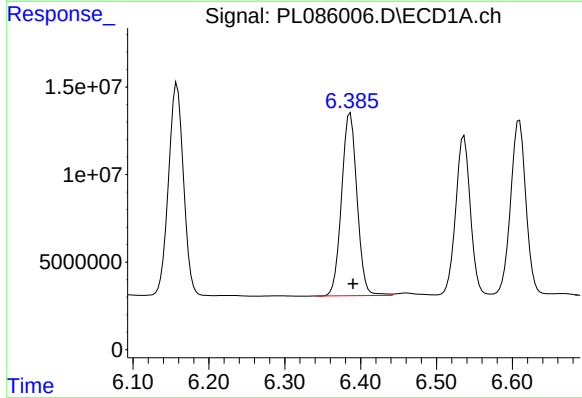
R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 166215408  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



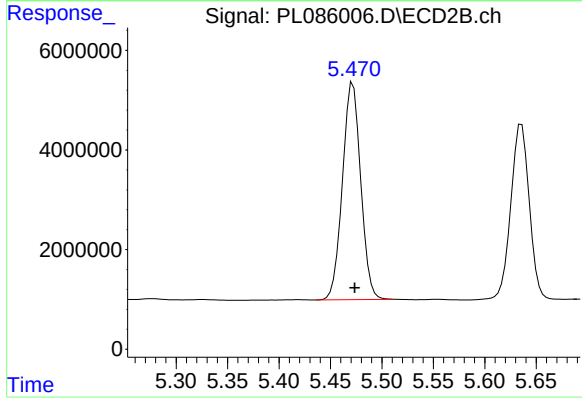
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: -0.002 min  
Response: 58153131  
Conc: 59.94 ng/ml



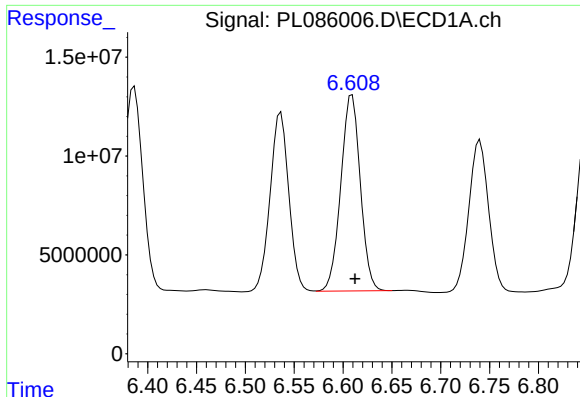
#14 Endrin

R.T.: 6.386 min  
Delta R.T.: -0.004 min  
Response: 147769999  
Conc: 51.85 ng/ml



#14 Endrin

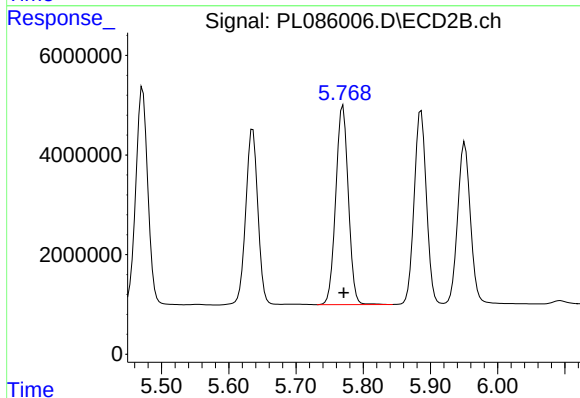
R.T.: 5.472 min  
Delta R.T.: -0.002 min  
Response: 53890690  
Conc: 59.94 ng/ml



#15 Endosulfan II

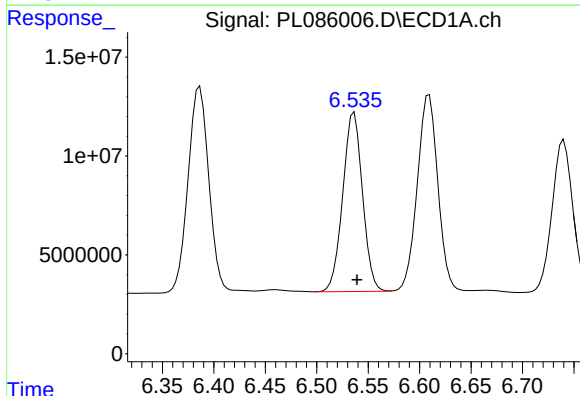
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 138070558  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



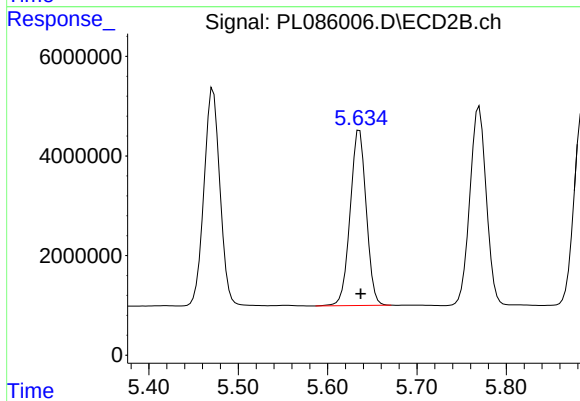
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: -0.001 min  
Response: 51423984  
Conc: 54.08 ng/ml



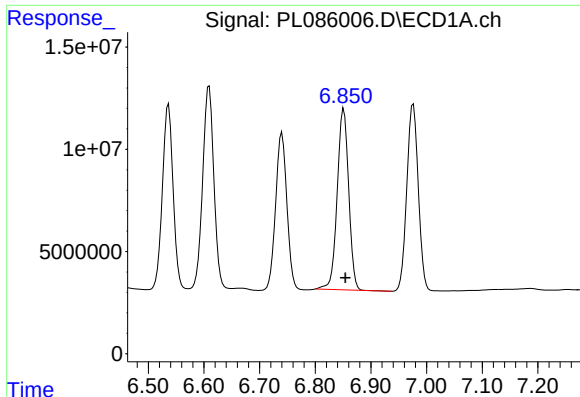
#16 4,4'-DDD

R.T.: 6.536 min  
Delta R.T.: -0.003 min  
Response: 120868021  
Conc: 59.99 ng/ml



#16 4,4'-DDD

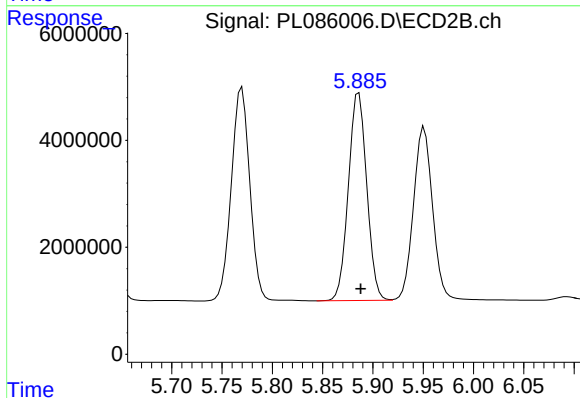
R.T.: 5.636 min  
Delta R.T.: -0.001 min  
Response: 43979720  
Conc: 63.19 ng/ml



#17 4,4'-DDT

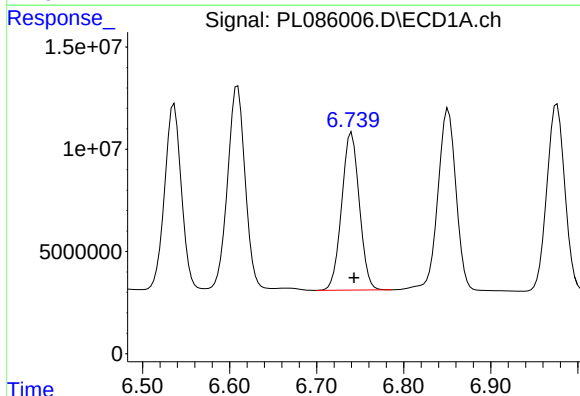
R.T.: 6.851 min  
Delta R.T.: -0.003 min  
Response: 127204788  
Conc: 53.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



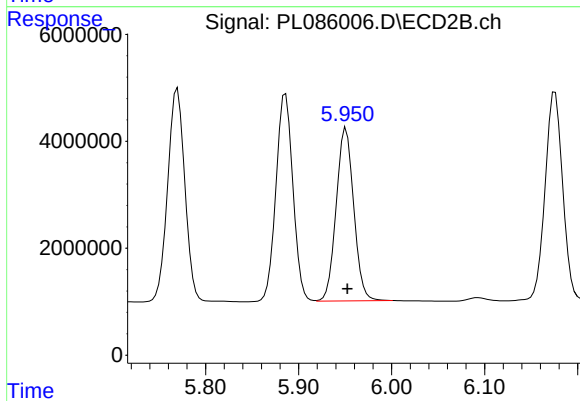
#17 4,4'-DDT

R.T.: 5.886 min  
Delta R.T.: -0.002 min  
Response: 49230832  
Conc: 62.26 ng/ml



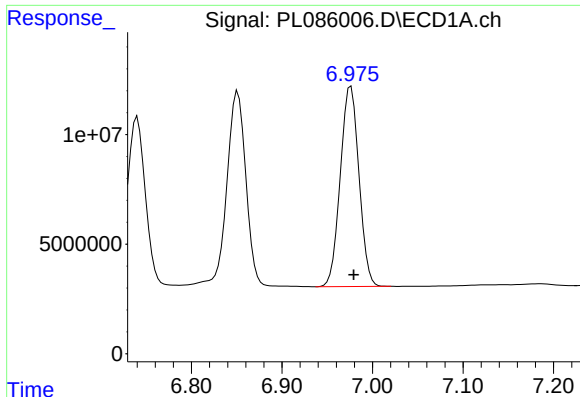
#18 Endrin aldehyde

R.T.: 6.740 min  
Delta R.T.: -0.003 min  
Response: 108511550  
Conc: 53.54 ng/ml



#18 Endrin aldehyde

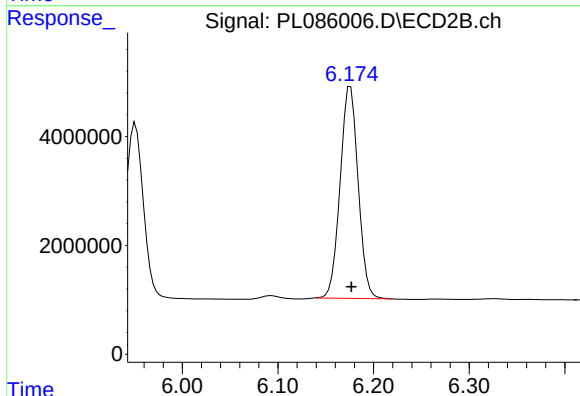
R.T.: 5.951 min  
Delta R.T.: -0.001 min  
Response: 42404282  
Conc: 56.86 ng/ml



#19 Endosulfan Sulfate

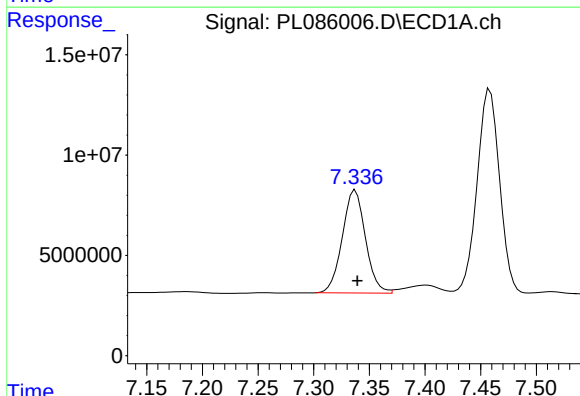
R.T.: 6.976 min  
Delta R.T.: -0.003 min  
Response: 131008778  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



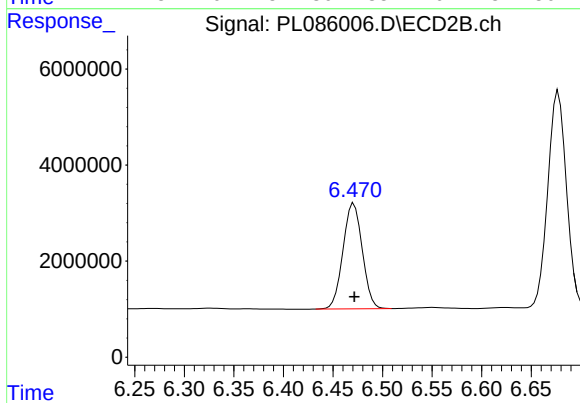
#19 Endosulfan Sulfate

R.T.: 6.176 min  
Delta R.T.: -0.001 min  
Response: 51045954  
Conc: 56.58 ng/ml



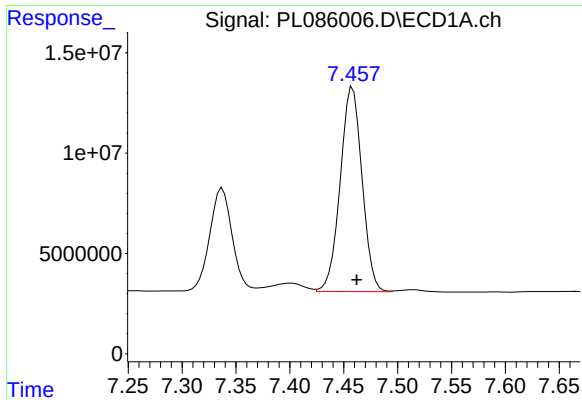
#20 Methoxychlor

R.T.: 7.337 min  
Delta R.T.: -0.002 min  
Response: 74113677  
Conc: 53.07 ng/ml



#20 Methoxychlor

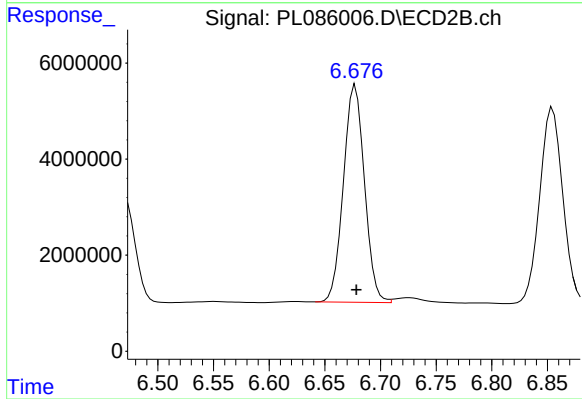
R.T.: 6.471 min  
Delta R.T.: 0.000 min  
Response: 29719816  
Conc: 56.49 ng/ml



#21 Endrin ketone

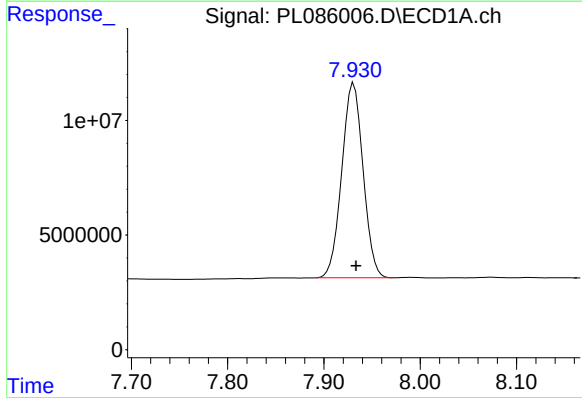
R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 143945848  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



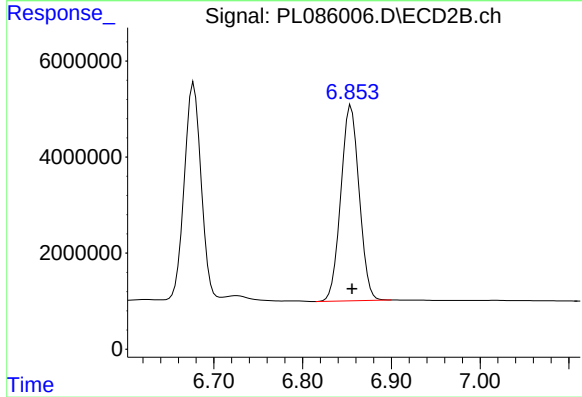
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.001 min  
Response: 59644035  
Conc: 51.89 ng/ml



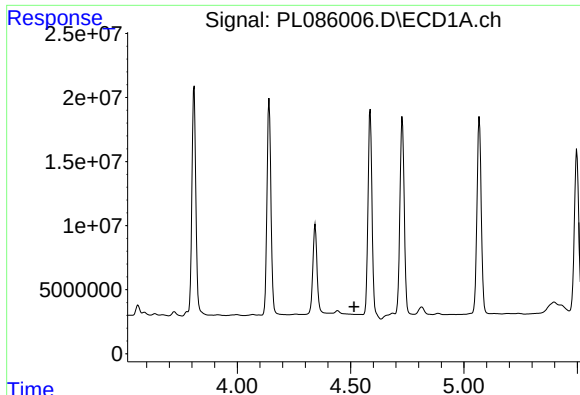
#22 Mirex

R.T.: 7.931 min  
Delta R.T.: -0.002 min  
Response: 130196258  
Conc: 58.81 ng/ml



#22 Mirex

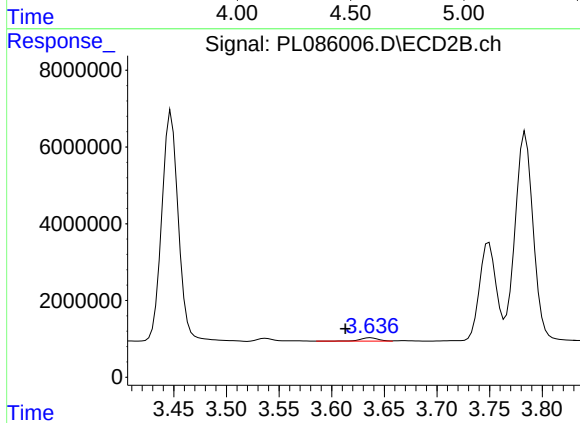
R.T.: 6.855 min  
Delta R.T.: -0.001 min  
Response: 58461050  
Conc: 61.98 ng/ml



#23 Chlordane-1

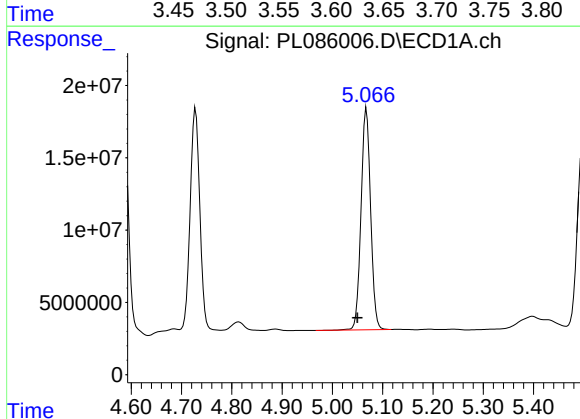
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



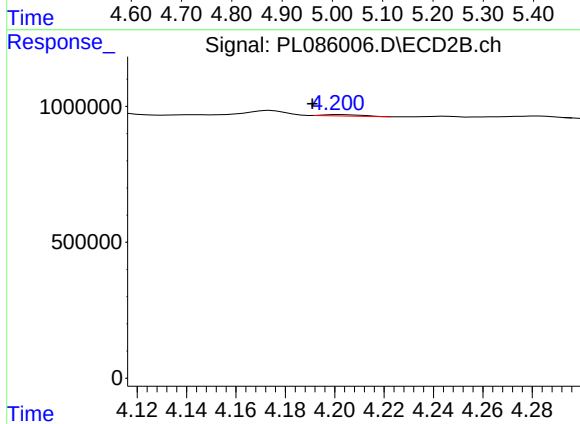
#23 Chlordane-1

R.T.: 3.637 min  
Delta R.T.: 0.024 min  
Response: 1043711  
Conc: 32.02 ng/ml



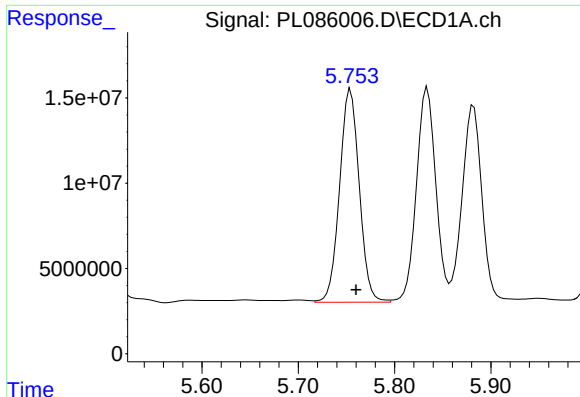
#24 Chlordane-2

R.T.: 5.068 min  
Delta R.T.: 0.018 min  
Response: 202282002  
Conc: 1555.49 ng/ml



#24 Chlordane-2

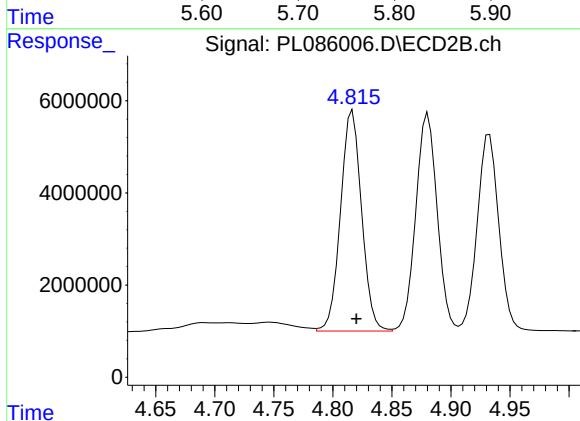
R.T.: 4.202 min  
Delta R.T.: 0.011 min  
Response: 37967  
Conc: 0.98 ng/ml



#25 Chlordane-3

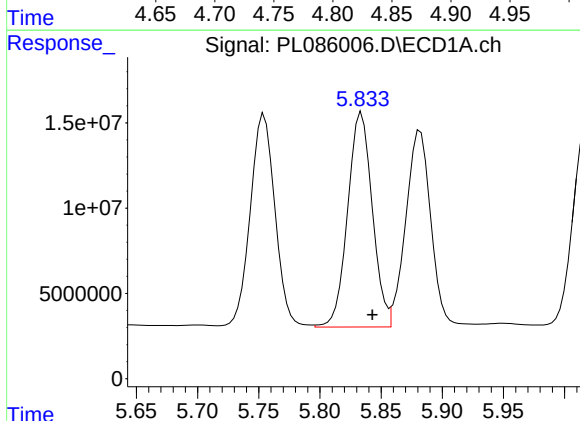
R.T.: 5.754 min  
Delta R.T.: -0.006 min  
Response: 176720072  
Conc: 346.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



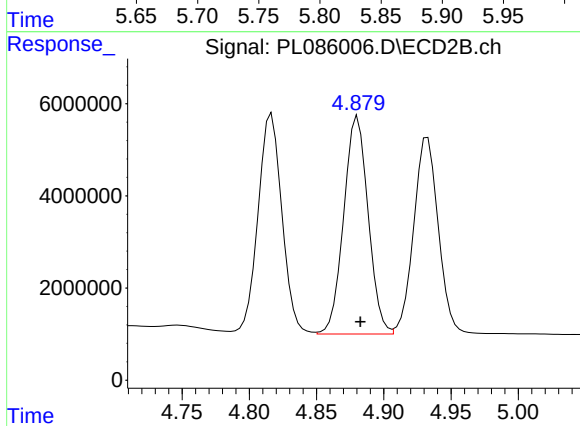
#25 Chlordane-3

R.T.: 4.817 min  
Delta R.T.: -0.003 min  
Response: 59486452  
Conc: 588.70 ng/ml



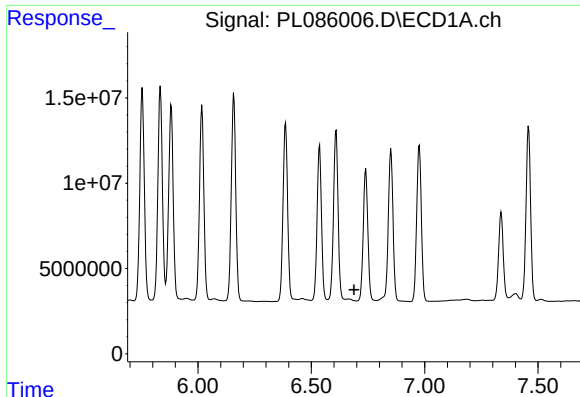
#26 Chlordane-4

R.T.: 5.834 min  
Delta R.T.: -0.009 min  
Response: 176205621  
Conc: 277.73 ng/ml



#26 Chlordane-4

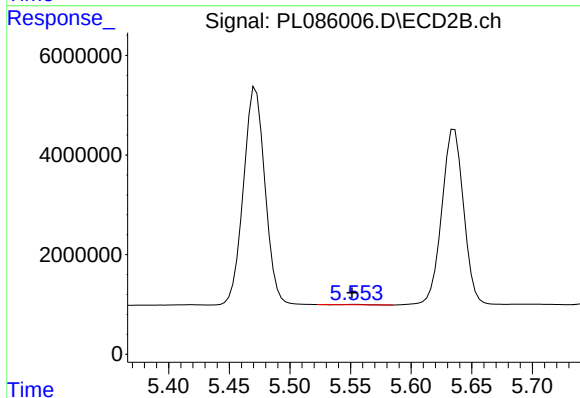
R.T.: 4.881 min  
Delta R.T.: -0.002 min  
Response: 59589065  
Conc: 514.66 ng/ml



#27 Chlordane-5

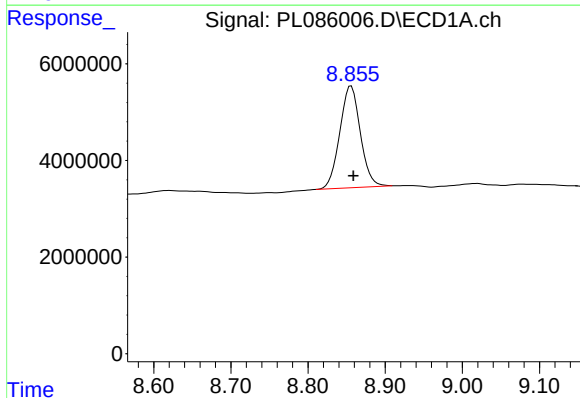
R.T.: 0.000 min  
Exp R.T.: 6.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



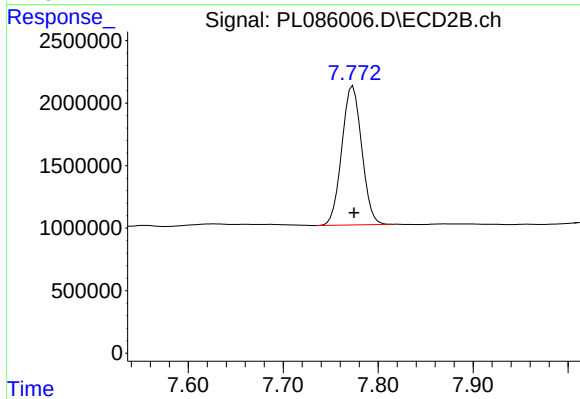
#27 Chlordane-5

R.T.: 5.554 min  
Delta R.T.: 0.003 min  
Response: 30789  
Conc: 1.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.856 min  
Delta R.T.: -0.003 min  
Response: 39096099  
Conc: 17.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.001 min  
Response: 16183834  
Conc: 17.53 ng/ml