

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012623\  
 Data File : PL080540.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jan 2023 13:44  
 Operator : AR\AJ  
 Sample : PB150479BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 26 20:43:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.360 | 2.688 | 49299014 | 47535388 | 22.985  | 21.642    |
| 28)                         | SA Decachlor... | 8.802 | 7.841 | 43905184 | 52809093 | 25.078  | 22.165    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.809 | 3.190 | 156.6E6  | 143.6E6  | 49.422  | 45.148    |
| 3)                          | MA gamma-BHC... | 4.138 | 3.519 | 144.9E6  | 133.5E6  | 49.276  | 44.688    |
| 4)                          | MA Heptachlor   | 4.722 | 3.860 | 140.8E6  | 137.4E6  | 47.651  | 43.187    |
| 5)                          | MB Aldrin       | 5.060 | 4.140 | 135.5E6  | 132.6E6  | 49.518  | 44.952    |
| 6)                          | B beta-BHC      | 4.334 | 3.815 | 61056240 | 57530919 | 44.729  | 43.106    |
| 7)                          | B delta-BHC     | 4.577 | 4.045 | 143.6E6  | 129.9E6  | 49.592  | 45.038    |
| 8)                          | B Heptachlo...  | 5.486 | 4.643 | 124.0E6  | 122.6E6  | 47.940  | 44.049    |
| 9)                          | A Endosulfan I  | 5.867 | 5.013 | 112.3E6  | 112.7E6  | 47.556  | 43.330    |
| 10)                         | B gamma-Chl...  | 5.740 | 4.894 | 123.9E6  | 122.2E6  | 49.071  | 43.119    |
| 11)                         | B alpha-Chl...  | 5.819 | 4.958 | 122.2E6  | 122.4E6  | 48.420  | 42.719    |
| 12)                         | B 4,4'-DDE      | 5.997 | 5.151 | 109.0E6  | 104.8E6  | 48.916  | 44.408    |
| 13)                         | MA Dieldrin     | 6.141 | 5.278 | 119.7E6  | 121.1E6  | 50.014  | 44.774    |
| 14)                         | MA Endrin       | 6.369 | 5.553 | 97514494 | 103.1E6  | 45.089  | 44.426    |
| 15)                         | B Endosulfa...  | 6.587 | 5.848 | 103.6E6  | 105.7E6  | 45.206  | 50.712    |
| 16)                         | A 4,4'-DDD      | 6.511 | 5.706 | 92396221 | 89801978 | 50.435  | 47.787    |
| 17)                         | MA 4,4'-DDT     | 6.824 | 5.958 | 88078302 | 84732791 | 42.393  | 40.320    |
| 18)                         | B Endrin al...  | 6.717 | 6.028 | 86883725 | 87466049 | 52.232  | 47.897    |
| 19)                         | B Endosulfa...  | 6.951 | 6.251 | 101.5E6  | 104.3E6  | 49.026  | 44.861    |
| 20)                         | A Methoxychlor  | 7.302 | 6.536 | 48411834 | 48850749 | 43.880  | 40.257    |
| 21)                         | B Endrin ke...  | 7.430 | 6.756 | 113.6E6  | 120.9E6  | 51.495  | 47.338    |
| 22)                         | Mirex           | 7.902 | 6.940 | 86830255 | 101.9E6  | 50.489  | 44.743    |
| 24)                         | Chlordane-2     | 0.000 | 4.274 | 0        | 82586    | N.D.    | 0.916 #   |
| 25)                         | Chlordane-3     | 5.740 | 4.894 | 123.9E6  | 122.2E6  | 366.782 | 463.360 # |
| 26)                         | Chlordane-4     | 5.819 | 4.958 | 122.2E6  | 122.4E6  | 283.311 | 454.423 # |
| 27)                         | Chlordane-5     | 0.000 | 5.620 | 0        | 841777   | N.D.    | 11.830 #  |
| -----                       |                 |       |       |          |          |         |           |

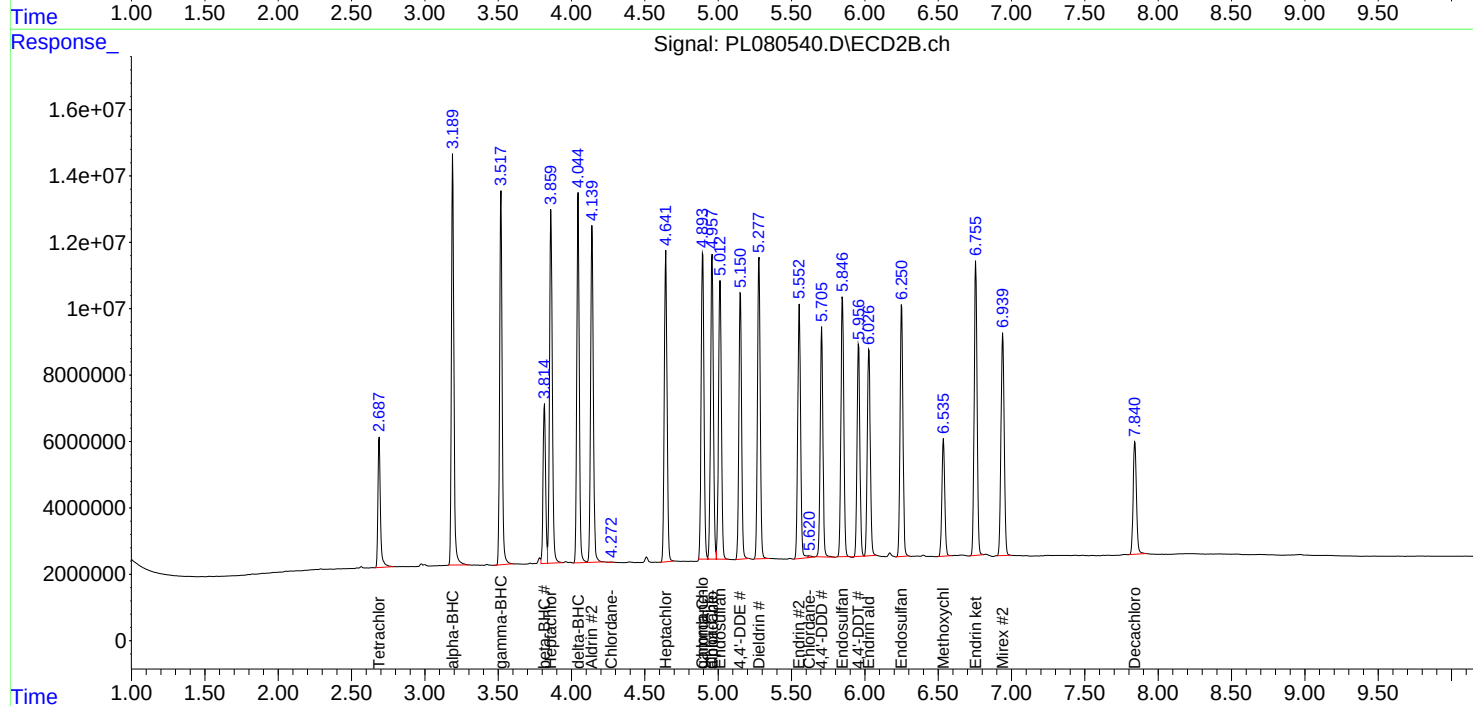
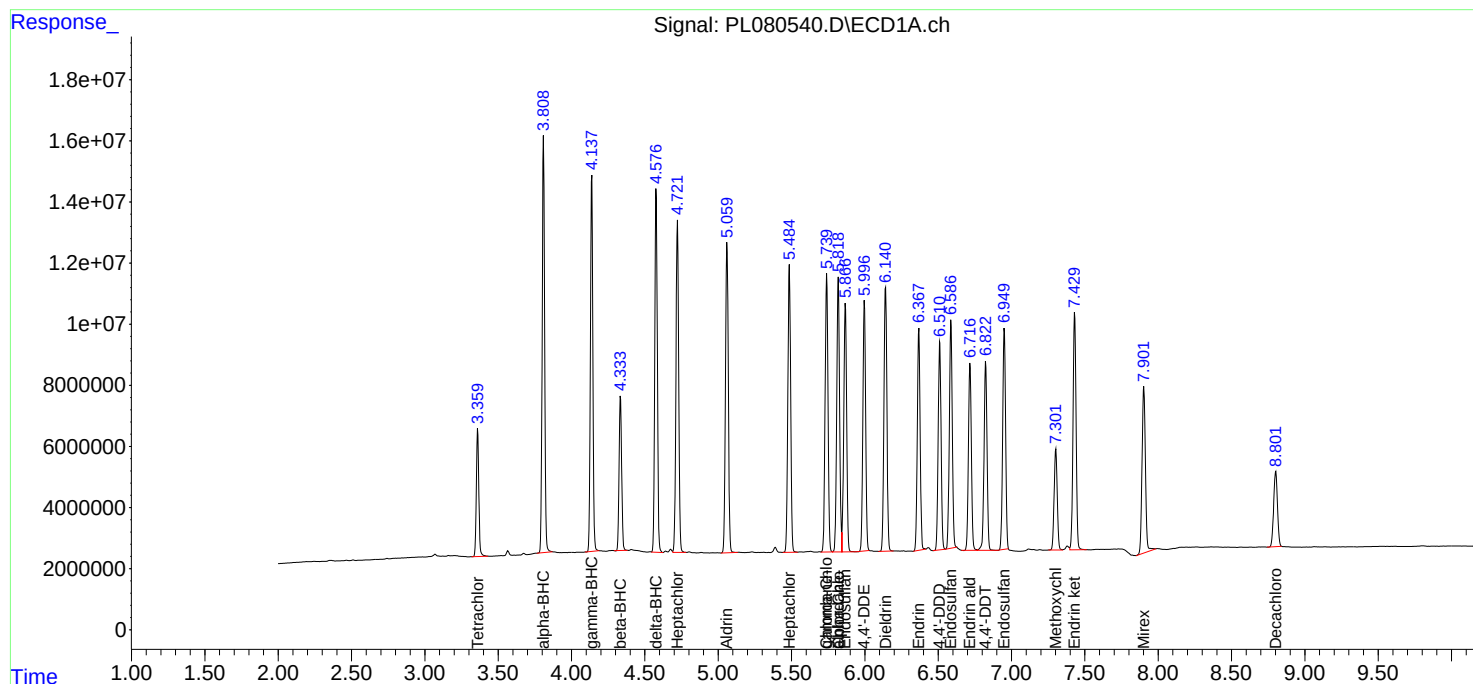
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

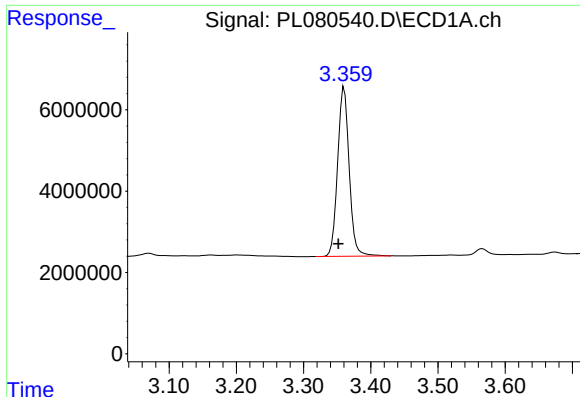
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012623\  
Data File : PL080540.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jan 2023 13:44  
Operator : AR\AJ  
Sample : PB150479BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 26 20:43:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
Response via : Initial Calibration  
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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

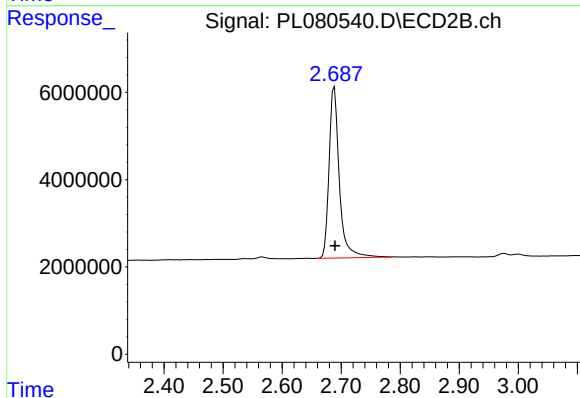




#1 Tetrachloro-m-xylene

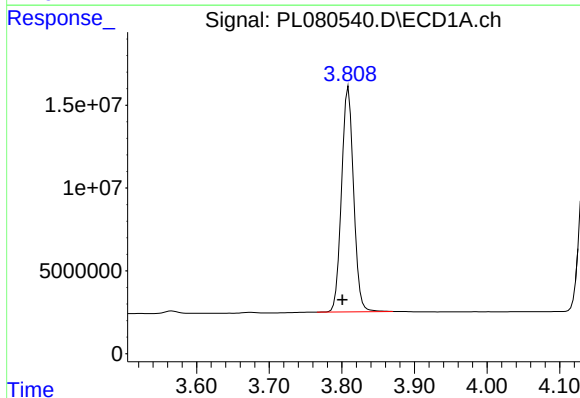
R.T.: 3.360 min  
Delta R.T.: 0.008 min  
Response: 49299014  
Conc: 22.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



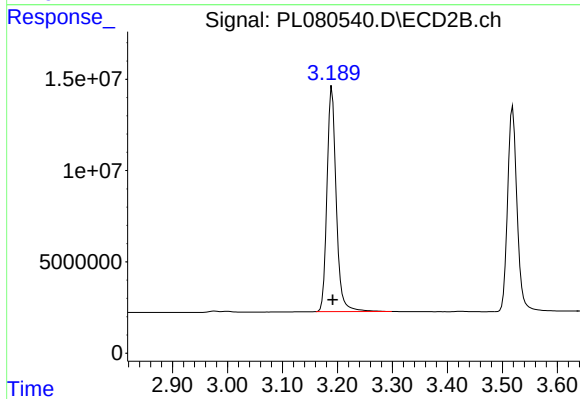
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: -0.001 min  
Response: 47535388  
Conc: 21.64 ng/ml



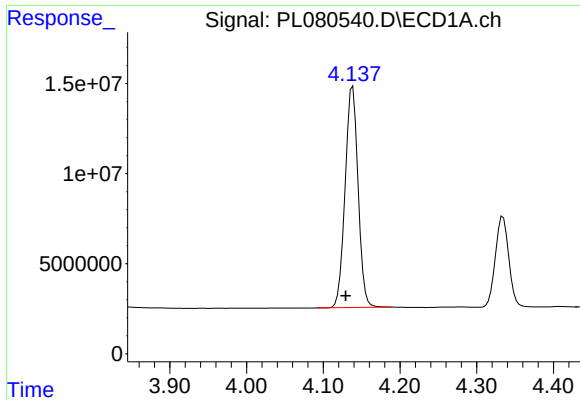
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: 0.008 min  
Response: 156569702  
Conc: 49.42 ng/ml



#2 alpha-BHC

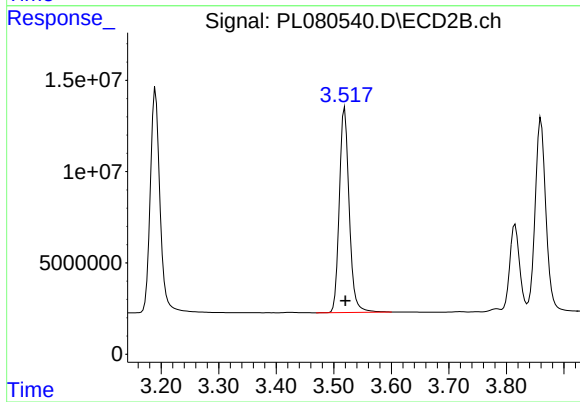
R.T.: 3.190 min  
Delta R.T.: -0.001 min  
Response: 143590776  
Conc: 45.15 ng/ml



#3 gamma-BHC (Lindane)

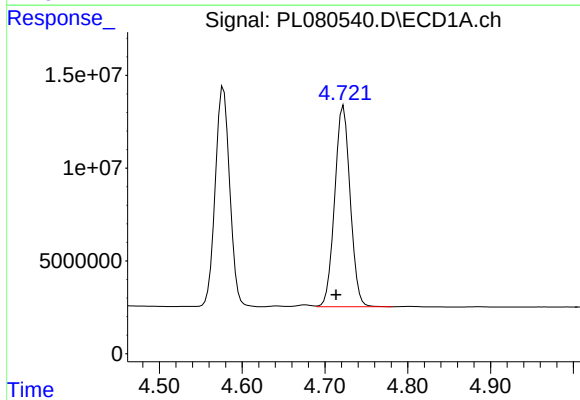
R.T.: 4.138 min  
Delta R.T.: 0.009 min  
Response: 144860209  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



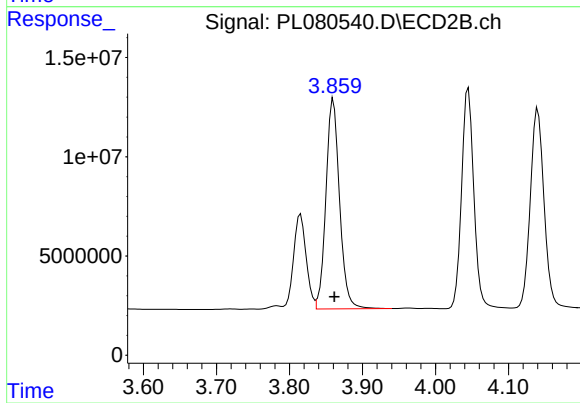
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: -0.002 min  
Response: 133495498  
Conc: 44.69 ng/ml



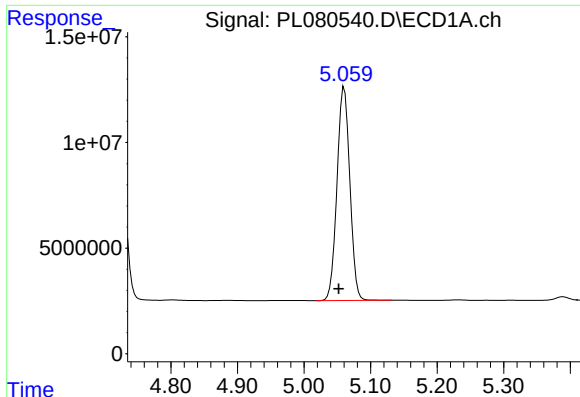
#4 Heptachlor

R.T.: 4.722 min  
Delta R.T.: 0.009 min  
Response: 140819945  
Conc: 47.65 ng/ml



#4 Heptachlor

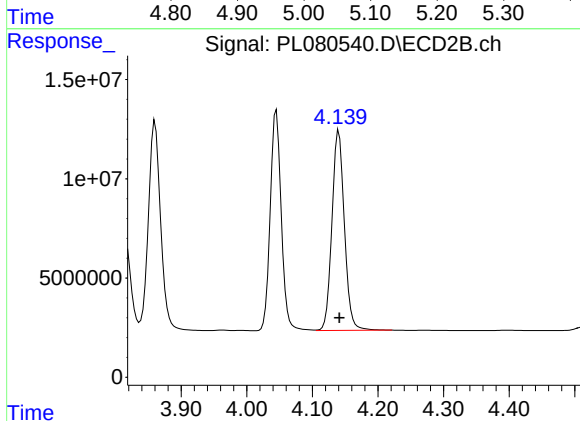
R.T.: 3.860 min  
Delta R.T.: -0.001 min  
Response: 137436584  
Conc: 43.19 ng/ml



#5 Aldrin

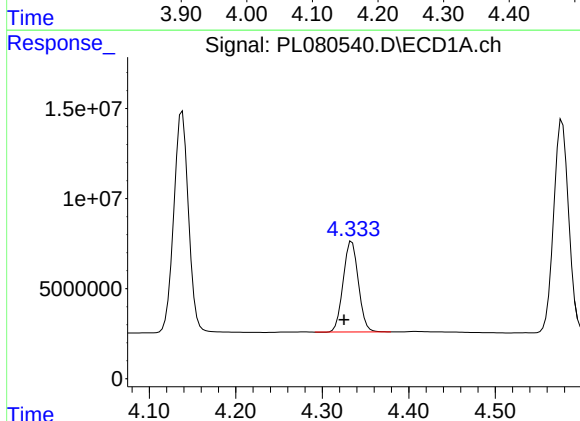
R.T.: 5.060 min  
Delta R.T.: 0.008 min  
Response: 135469916  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



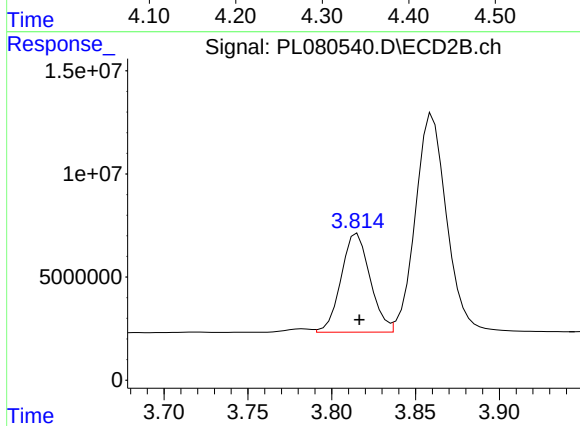
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: -0.001 min  
Response: 132589014  
Conc: 44.95 ng/ml



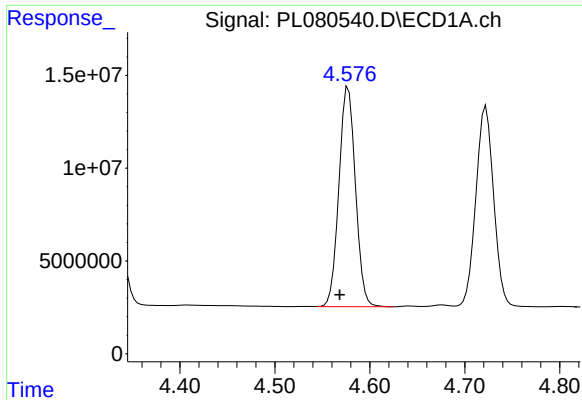
#6 beta-BHC

R.T.: 4.334 min  
Delta R.T.: 0.009 min  
Response: 61056240  
Conc: 44.73 ng/ml



#6 beta-BHC

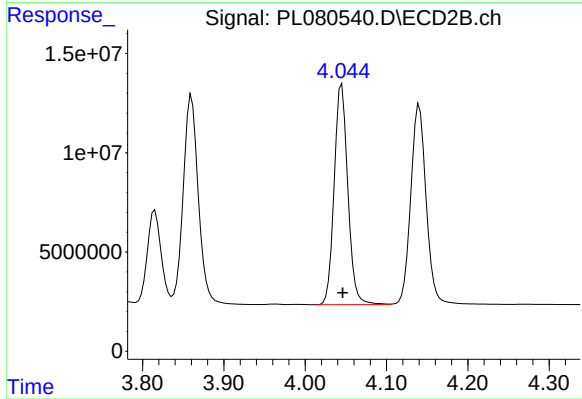
R.T.: 3.815 min  
Delta R.T.: -0.001 min  
Response: 57530919  
Conc: 43.11 ng/ml



#7 delta-BHC

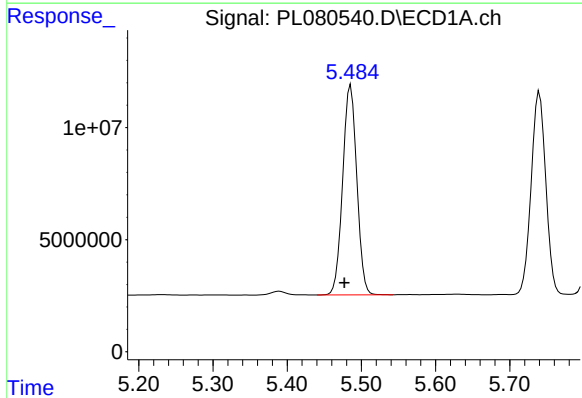
R.T.: 4.577 min  
Delta R.T.: 0.009 min  
Response: 143569054  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



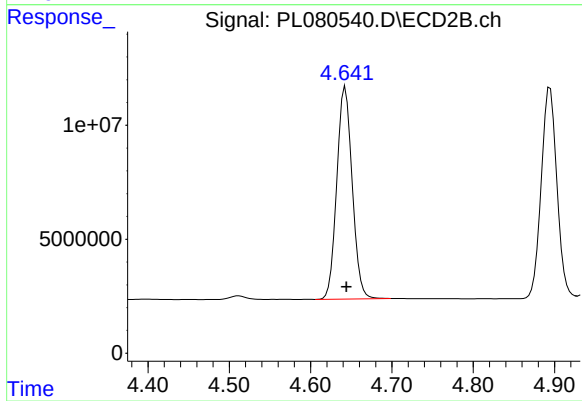
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 129909003  
Conc: 45.04 ng/ml



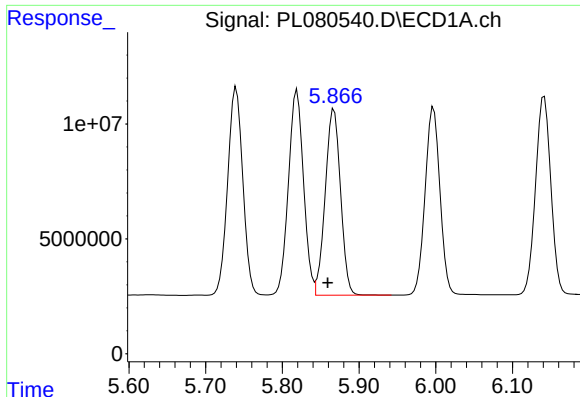
#8 Heptachlor epoxide

R.T.: 5.486 min  
Delta R.T.: 0.009 min  
Response: 124022502  
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

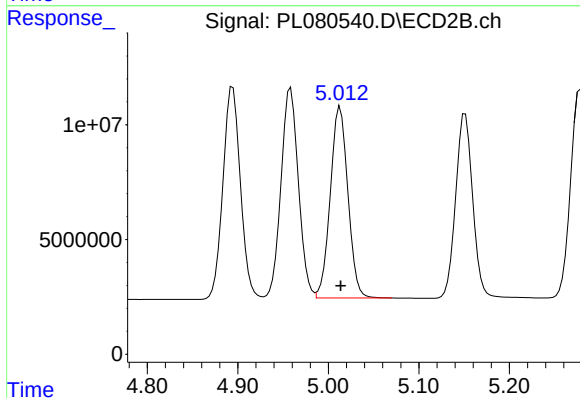
R.T.: 4.643 min  
Delta R.T.: -0.001 min  
Response: 122560691  
Conc: 44.05 ng/ml



#9 Endosulfan I

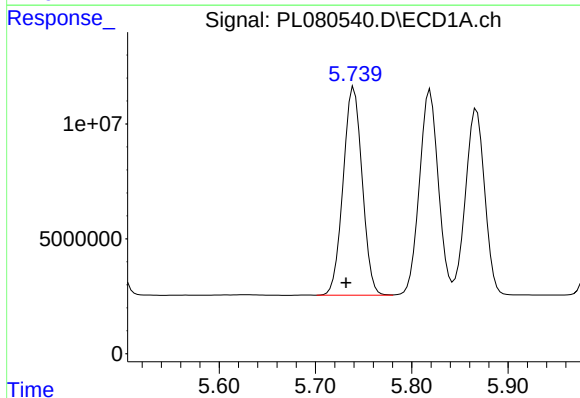
R.T.: 5.867 min  
Delta R.T.: 0.008 min  
Response: 112301631  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



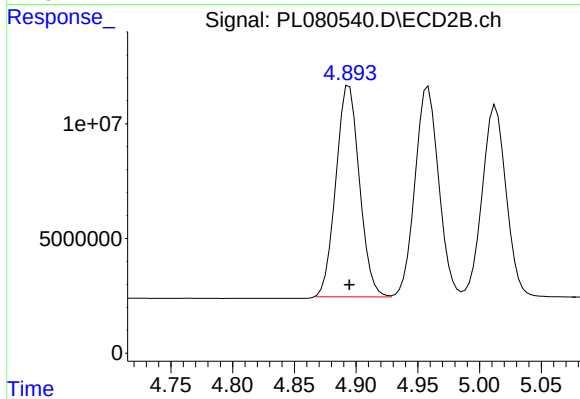
#9 Endosulfan I

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 112716894  
Conc: 43.33 ng/ml



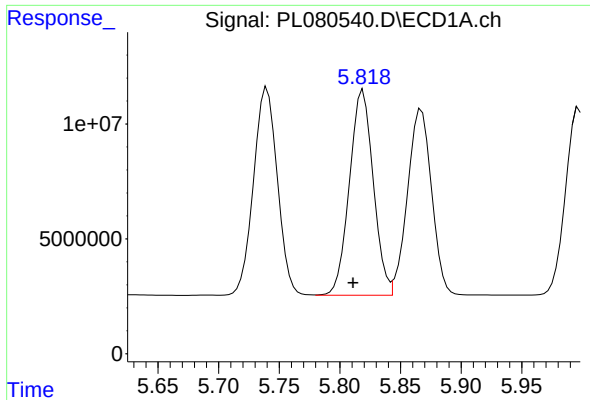
#10 gamma-Chlordane

R.T.: 5.740 min  
Delta R.T.: 0.008 min  
Response: 123939954  
Conc: 49.07 ng/ml



#10 gamma-Chlordane

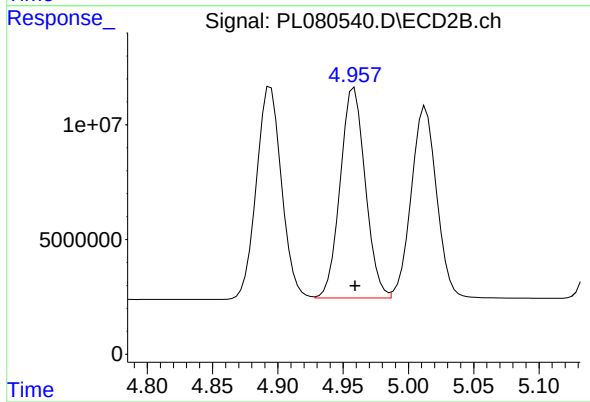
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 122209026  
Conc: 43.12 ng/ml



#11 alpha-Chlordane

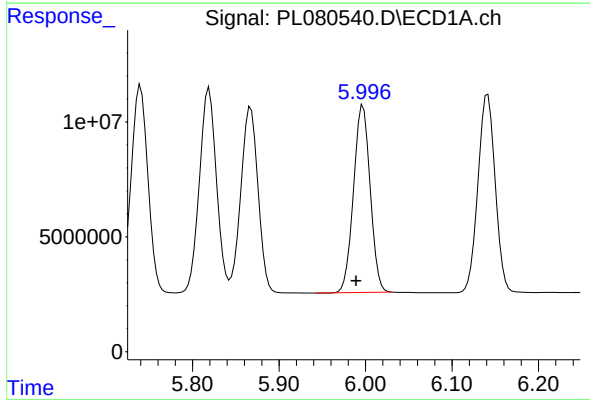
R.T.: 5.819 min  
Delta R.T.: 0.008 min  
Response: 122224679  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



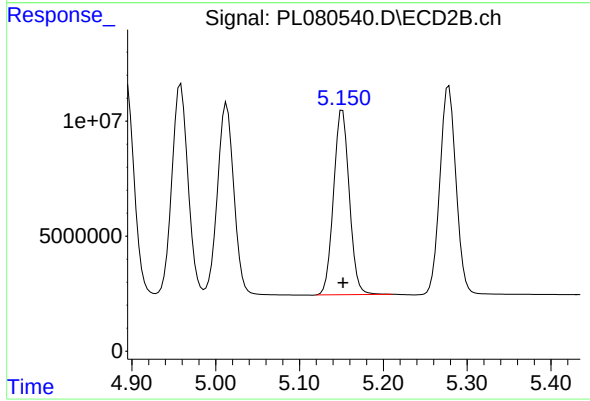
#11 alpha-Chlordane

R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 122375274  
Conc: 42.72 ng/ml



#12 4,4'-DDE

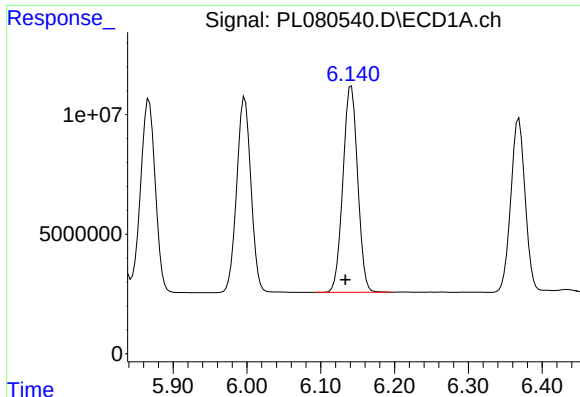
R.T.: 5.997 min  
Delta R.T.: 0.008 min  
Response: 108952460  
Conc: 48.92 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 104750947  
Conc: 44.41 ng/ml

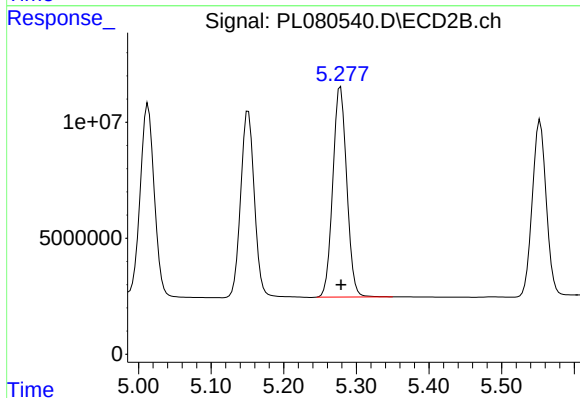




#13 Dieldrin

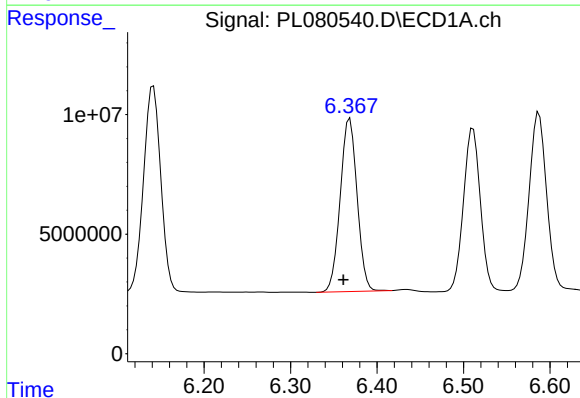
R.T.: 6.141 min  
Delta R.T.: 0.008 min  
Response: 119700958  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



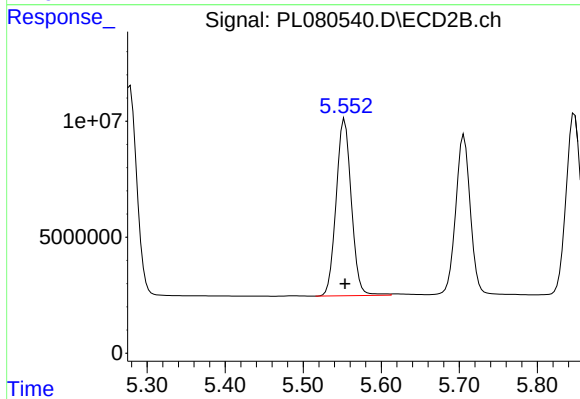
#13 Dieldrin

R.T.: 5.278 min  
Delta R.T.: 0.000 min  
Response: 121112928  
Conc: 44.77 ng/ml



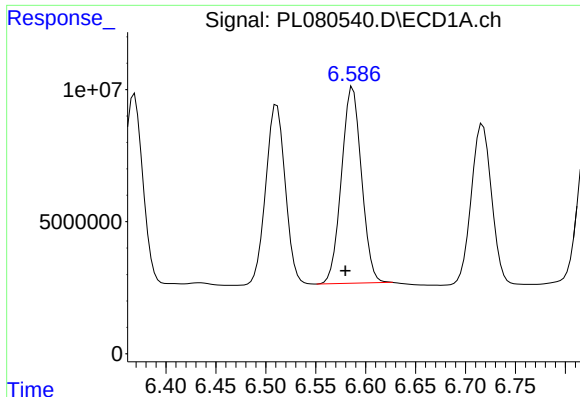
#14 Endrin

R.T.: 6.369 min  
Delta R.T.: 0.007 min  
Response: 97514494  
Conc: 45.09 ng/ml



#14 Endrin

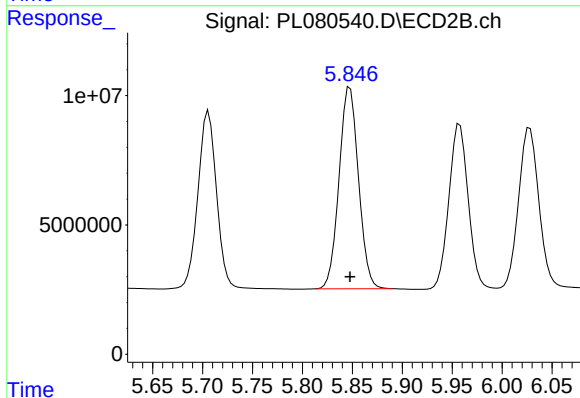
R.T.: 5.553 min  
Delta R.T.: 0.000 min  
Response: 103119832  
Conc: 44.43 ng/ml



#15 Endosulfan II

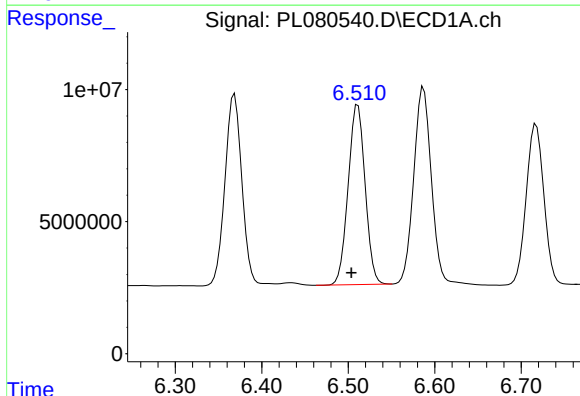
R.T.: 6.587 min  
Delta R.T.: 0.007 min  
Response: 103628066  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



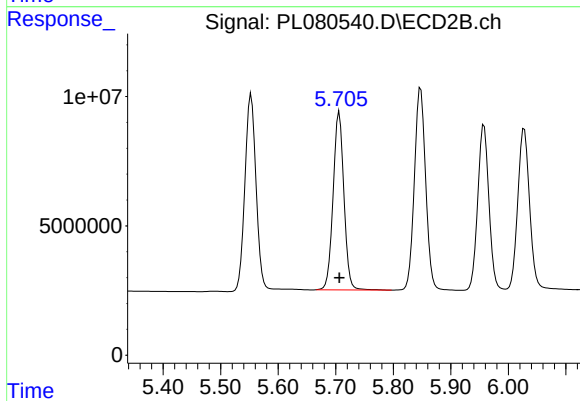
#15 Endosulfan II

R.T.: 5.848 min  
Delta R.T.: 0.000 min  
Response: 105669265  
Conc: 50.71 ng/ml



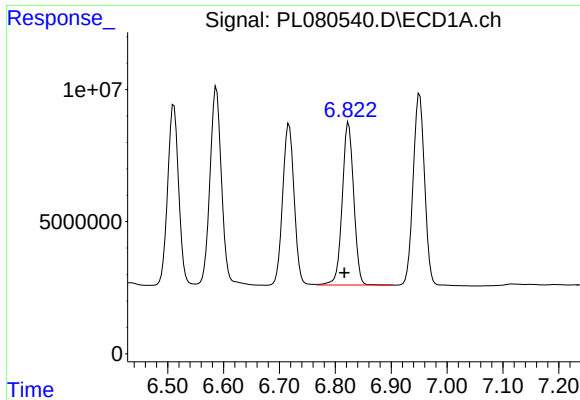
#16 4,4'-DDD

R.T.: 6.511 min  
Delta R.T.: 0.007 min  
Response: 92396221  
Conc: 50.43 ng/ml



#16 4,4'-DDD

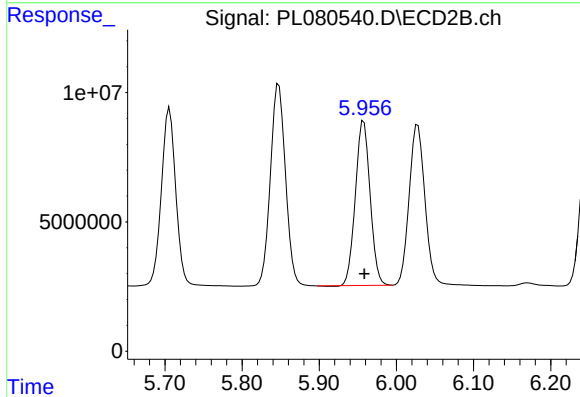
R.T.: 5.706 min  
Delta R.T.: 0.000 min  
Response: 89801978  
Conc: 47.79 ng/ml



#17 4,4'-DDT

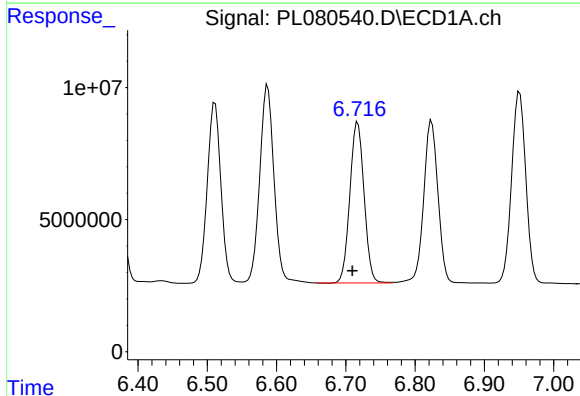
R.T.: 6.824 min  
Delta R.T.: 0.007 min  
Response: 88078302  
Conc: 42.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



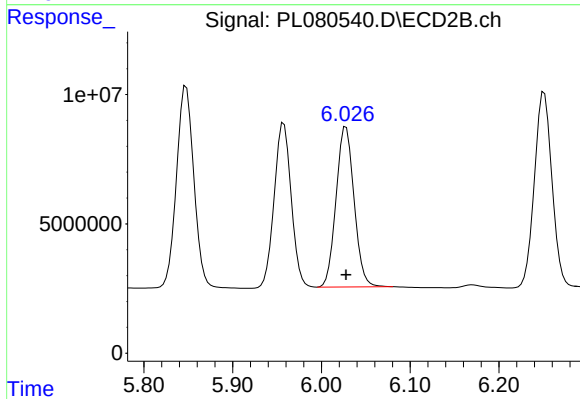
#17 4,4'-DDT

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 84732791  
Conc: 40.32 ng/ml



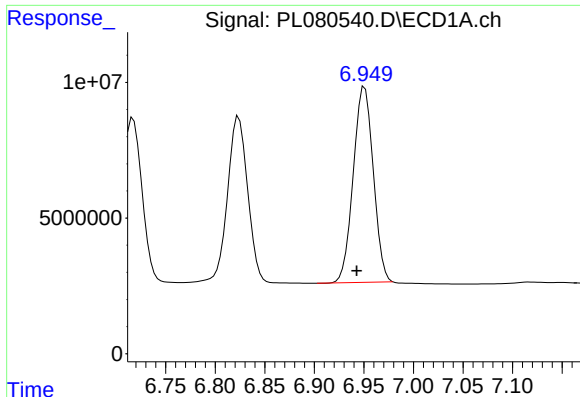
#18 Endrin aldehyde

R.T.: 6.717 min  
Delta R.T.: 0.008 min  
Response: 86883725  
Conc: 52.23 ng/ml



#18 Endrin aldehyde

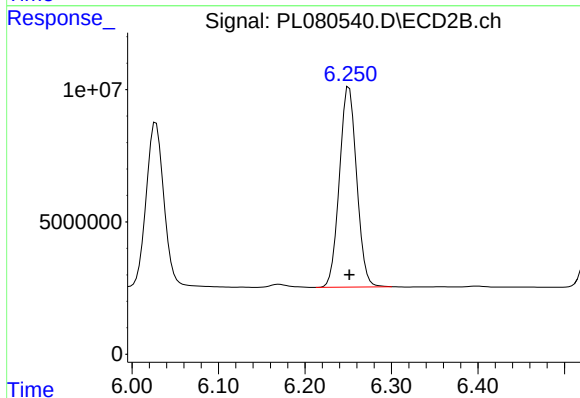
R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 87466049  
Conc: 47.90 ng/ml



#19 Endosulfan Sulfate

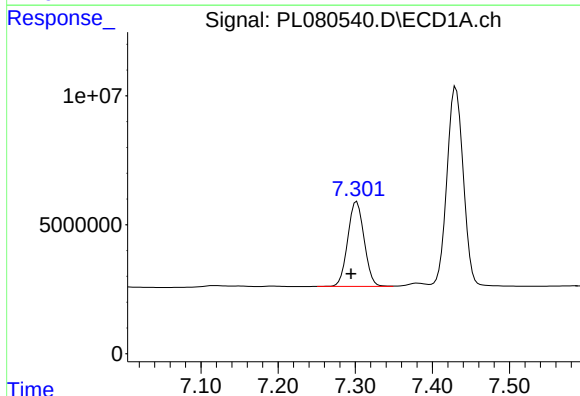
R.T.: 6.951 min  
Delta R.T.: 0.008 min  
Response: 101478633  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



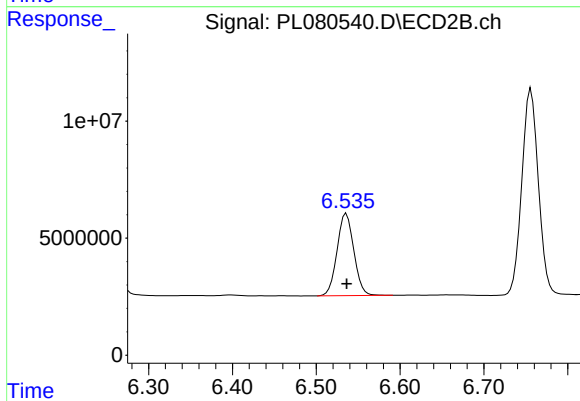
#19 Endosulfan Sulfate

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 104331325  
Conc: 44.86 ng/ml



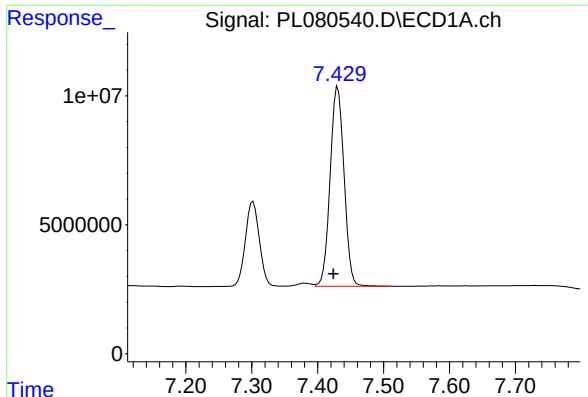
#20 Methoxychlor

R.T.: 7.302 min  
Delta R.T.: 0.008 min  
Response: 48411834  
Conc: 43.88 ng/ml



#20 Methoxychlor

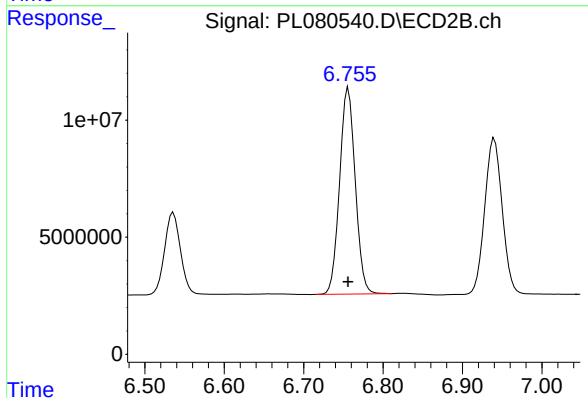
R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 48850749  
Conc: 40.26 ng/ml



#21 Endrin ketone

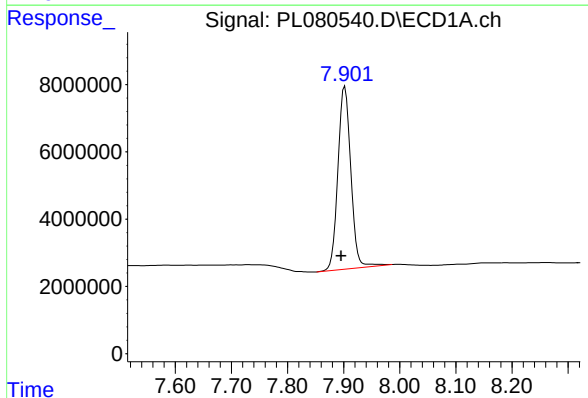
R.T.: 7.430 min  
Delta R.T.: 0.007 min  
Response: 113616714  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



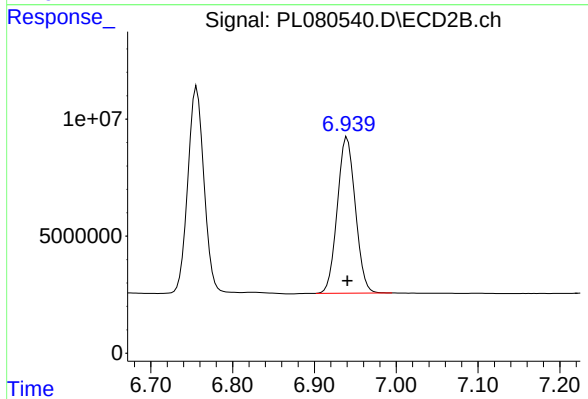
#21 Endrin ketone

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 120864163  
Conc: 47.34 ng/ml



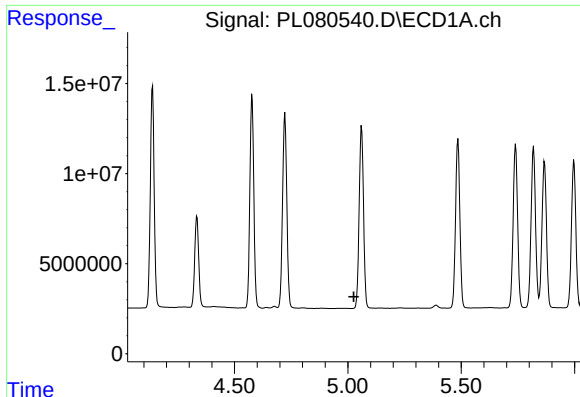
#22 Mirex

R.T.: 7.902 min  
Delta R.T.: 0.007 min  
Response: 86830255  
Conc: 50.49 ng/ml



#22 Mirex

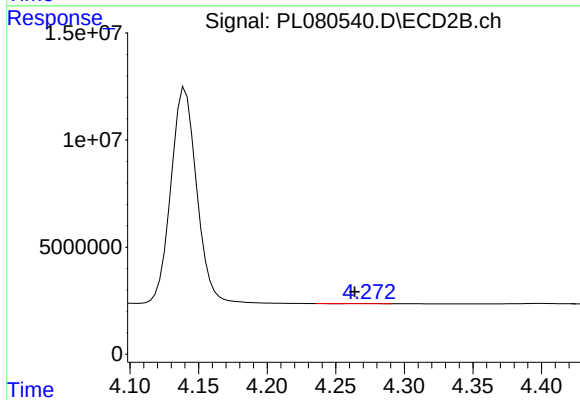
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 101866512  
Conc: 44.74 ng/ml



#24 Chlordane-2

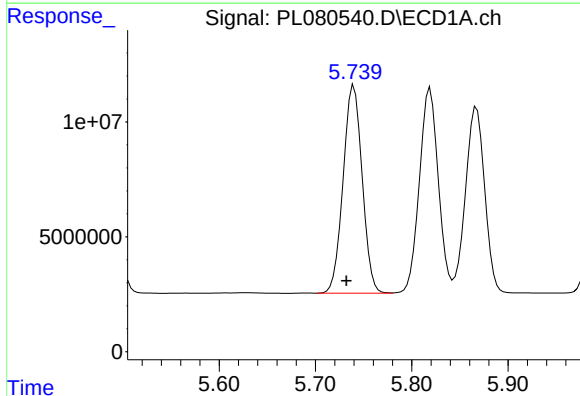
R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



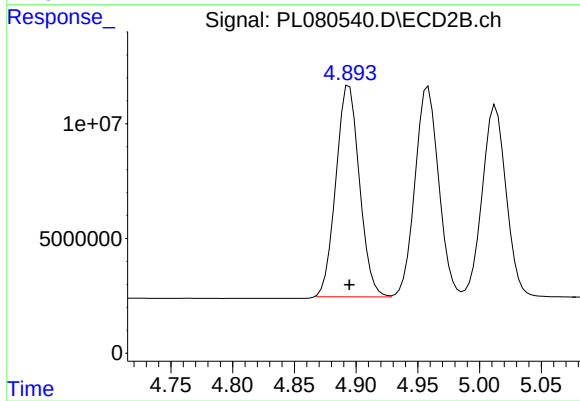
#24 Chlordane-2

R.T.: 4.274 min  
Delta R.T.: 0.010 min  
Response: 82586  
Conc: 0.92 ng/ml



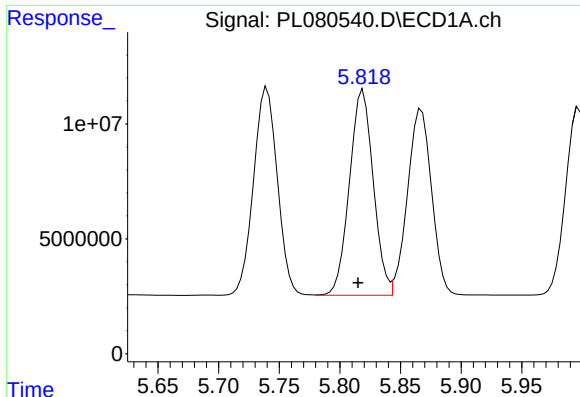
#25 Chlordane-3

R.T.: 5.740 min  
Delta R.T.: 0.008 min  
Response: 123939954  
Conc: 366.78 ng/ml



#25 Chlordane-3

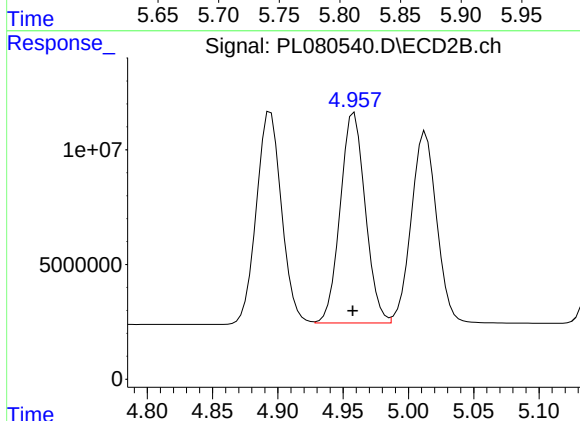
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 122209026  
Conc: 463.36 ng/ml



#26 Chlordane-4

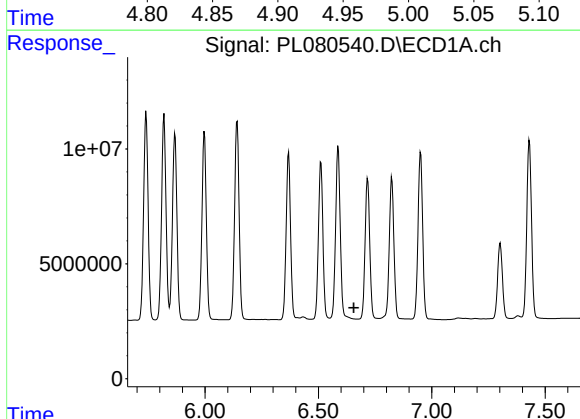
R.T.: 5.819 min  
Delta R.T.: 0.004 min  
Response: 122224679  
Conc: 283.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



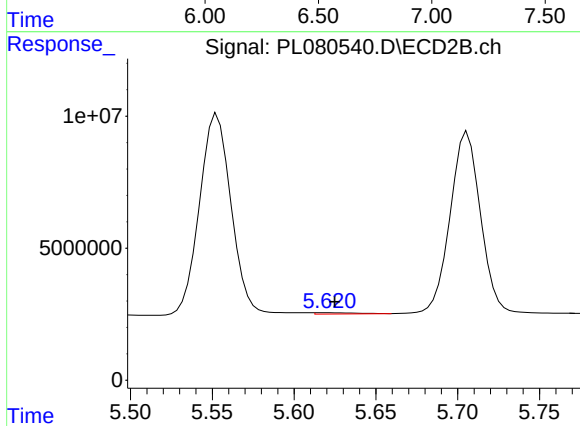
#26 Chlordane-4

R.T.: 4.958 min  
Delta R.T.: 0.001 min  
Response: 122375274  
Conc: 454.42 ng/ml



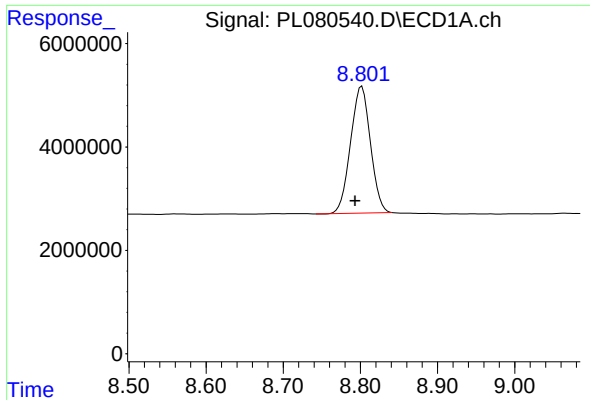
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.656 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

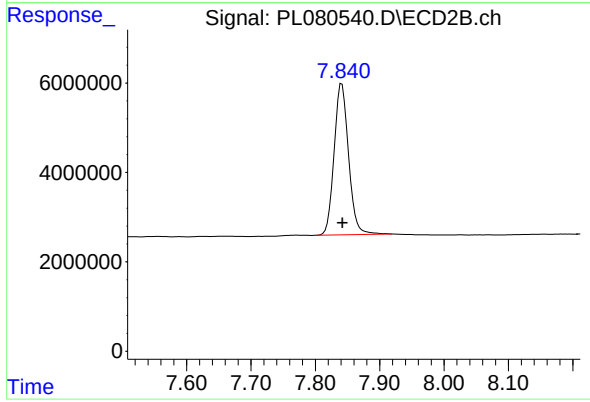
R.T.: 5.620 min  
Delta R.T.: -0.005 min  
Response: 841777  
Conc: 11.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: 0.009 min  
Response: 43905184  
Conc: 25.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.841 min  
Delta R.T.: 0.000 min  
Response: 52809093  
Conc: 22.17 ng/ml