

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
 Data File : PL080444.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2023 00:51  
 Operator : AR\AJ  
 Sample : 01233-02MSD  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 21 06:20:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 20 17:01:11 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... | 3.351  | 2.689  | 36573496 | 37450852 | 17.052   | 17.051    |
| 28)                         | SA Decachlor... | 8.788  | 7.838  | 27434968 | 36111258 | 15.670   | 15.157    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.800  | 3.190  | 149.5E6  | 148.1E6  | 47.203   | 46.555    |
| 3)                          | MA gamma-BHC... | 4.128  | 3.519  | 141.9E6  | 139.8E6  | 48.255   | 46.808    |
| 4)                          | MA Heptachlor   | 4.712  | 3.860  | 141.4E6  | 149.5E6  | 47.844   | 46.978    |
| 5)                          | MB Aldrin       | 5.050  | 4.140  | 135.4E6  | 144.8E6  | 49.482   | 49.089    |
| 6)                          | B beta-BHC      | 4.324  | 3.815  | 62552089 | 60182071 | 45.825   | 45.093    |
| 7)                          | B delta-BHC     | 4.567  | 4.044  | 141.0E6  | 136.6E6  | 48.688   | 47.347    |
| 8)                          | B Heptachlo...  | 5.475  | 4.642  | 122.9E6  | 131.1E6  | 47.509   | 47.130    |
| 9)                          | A Endosulfan I  | 5.856  | 5.011  | 111.4E6  | 120.3E6  | 47.171   | 46.227    |
| 10)                         | B gamma-Chl...  | 5.729  | 4.893  | 117.5E6  | 131.8E6  | 46.540   | 46.519    |
| 11)                         | B alpha-Chl...  | 5.808  | 4.957  | 121.1E6  | 132.6E6  | 47.987   | 46.285    |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.150  | 107.9E6  | 112.8E6  | 48.432   | 47.830    |
| 13)                         | MA Dieldrin     | 6.130  | 5.277  | 119.4E6  | 132.1E6  | 49.893   | 48.832    |
| 14)                         | MA Endrin       | 6.358  | 5.551  | 107.2E6  | 118.8E6  | 49.561   | 51.177    |
| 15)                         | B Endosulfa...  | 6.577  | 5.845  | 99781778 | 96614052 | 43.529   | 46.366    |
| 16)                         | A 4,4'-DDD      | 6.501  | 5.704  | 87226011 | 87825667 | 47.613   | 46.736    |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.955  | 106.7E6  | 101.8E6  | 51.351   | 48.419    |
| 18)                         | B Endrin al...  | 6.706  | 6.025  | 85638943 | 92189742 | 51.484   | 50.484    |
| 19)                         | B Endosulfa...  | 6.940  | 6.248  | 99662413 | 110.7E6  | 48.148   | 47.617    |
| 20)                         | A Methoxychlor  | 7.292  | 6.534  | 53862644 | 58346072 | 48.820   | 48.082    |
| 21)                         | B Endrin ke...  | 7.420  | 6.753  | 105.2E6  | 121.6E6  | 47.688   | 47.634    |
| 22)                         | Mirex           | 7.892  | 6.937  | 84888706 | 110.2E6  | 49.360   | 48.401    |
| 23)                         | Chlordane-1     | 0.000  | 3.697  | 0        | 470127   | N.D.     | 5.774 #   |
| 24)                         | Chlordane-2     | 5.050f | 4.279f | 135.4E6  | 57027    | 1403.568 | 0.633 #   |
| 25)                         | Chlordane-3     | 5.729  | 4.893  | 117.5E6  | 131.8E6  | 347.866  | 499.893 # |
| 26)                         | Chlordane-4     | 5.808  | 4.957  | 121.1E6  | 132.6E6  | 280.777  | 492.364 # |
| 27)                         | Chlordane-5     | 0.000  | 5.642f | 0        | 230423   | N.D.     | 3.238 #   |
| -----                       |                 |        |        |          |          |          |           |

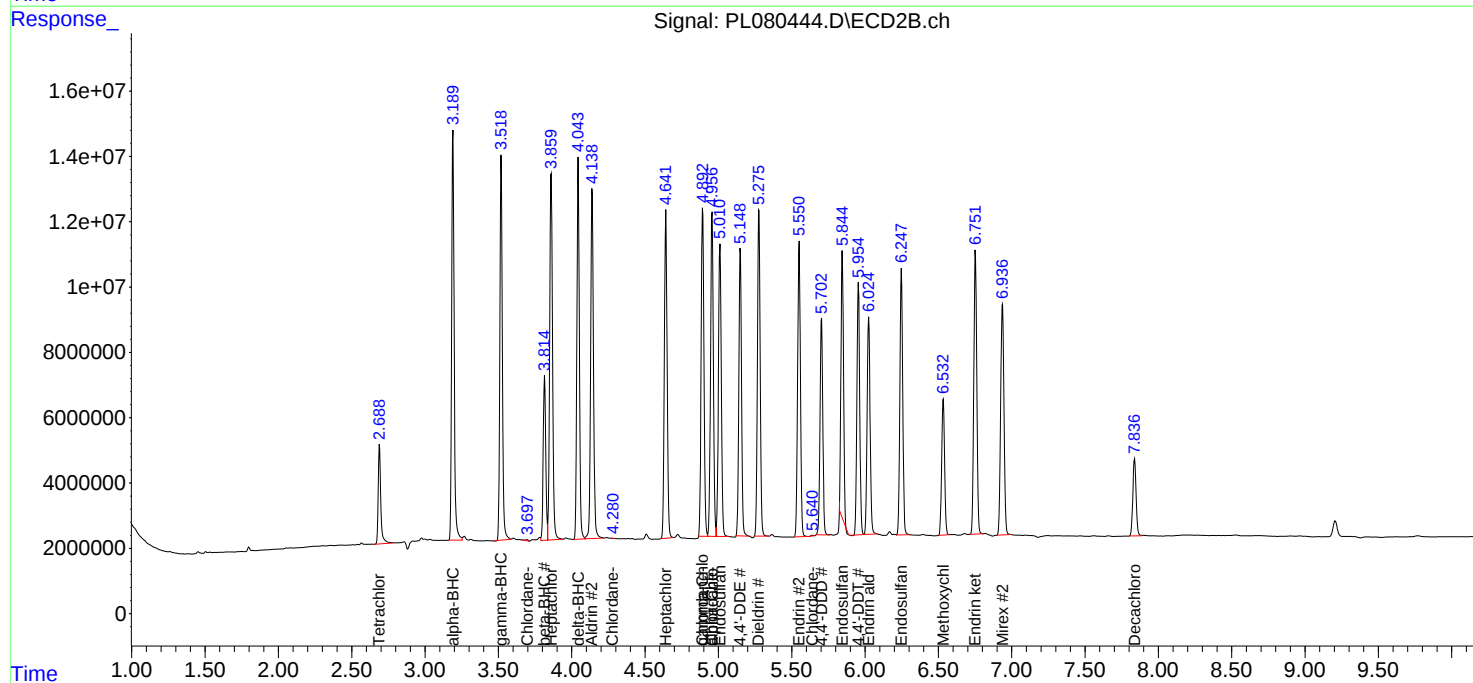
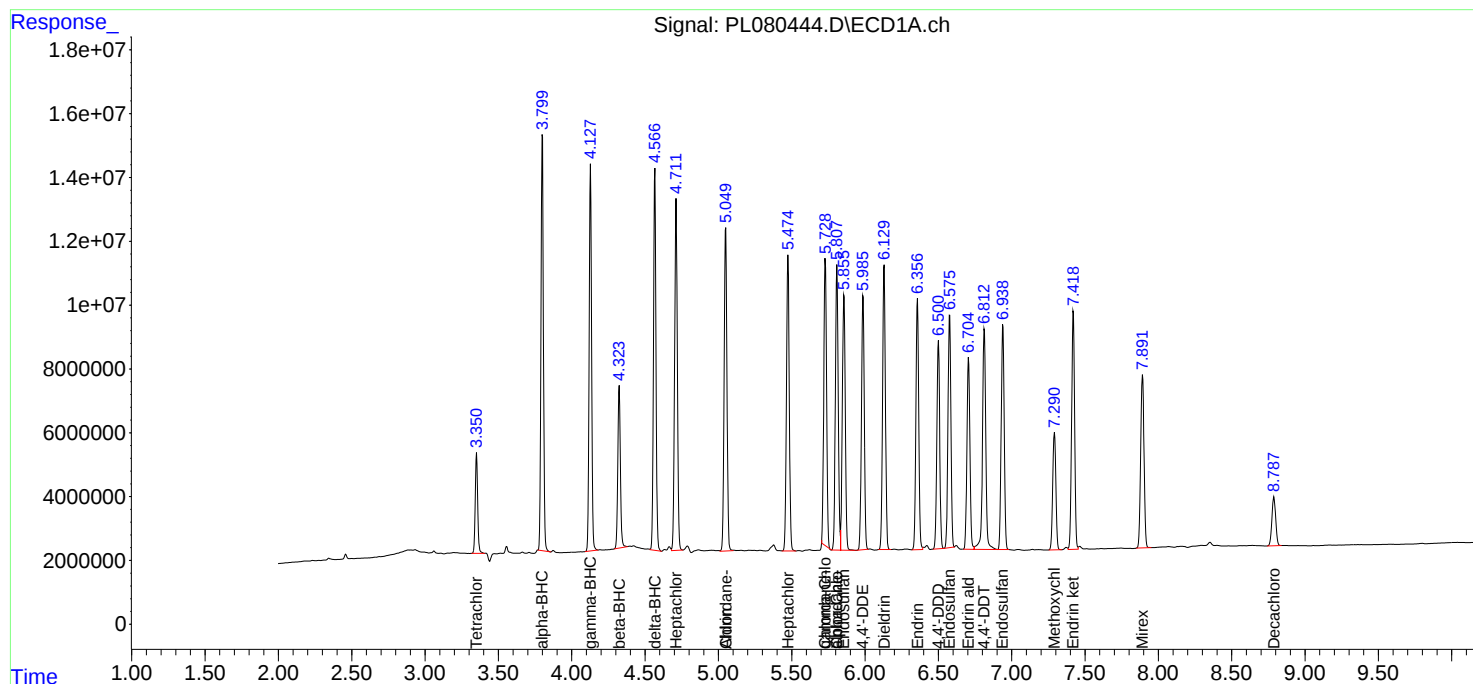
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

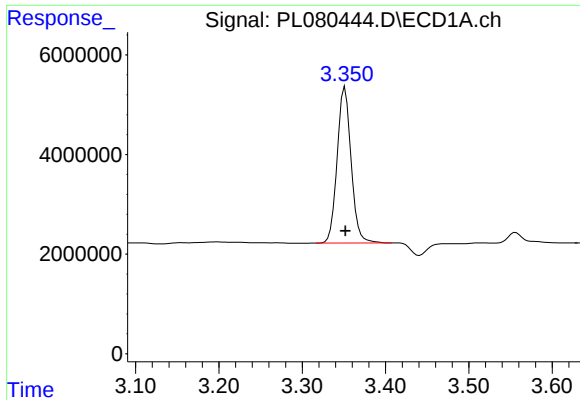
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
Data File : PL080444.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Sample : 01233-02MSD  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Jan 21 06:20:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 20 17:01:11 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

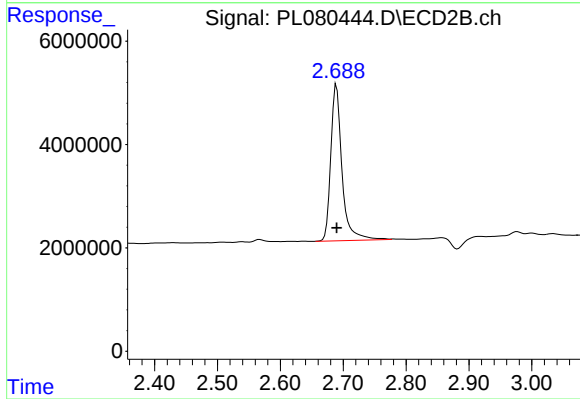




#1 Tetrachloro-m-xylene

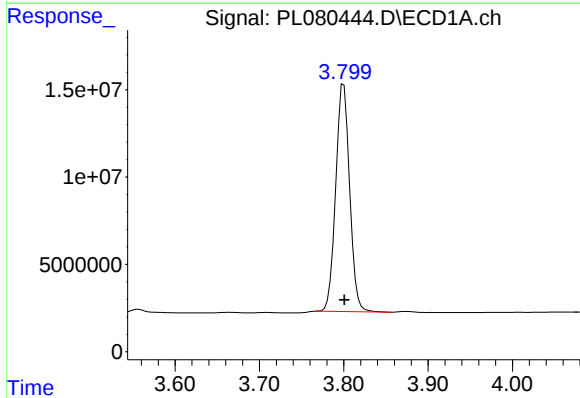
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 36573496  
Conc: 17.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



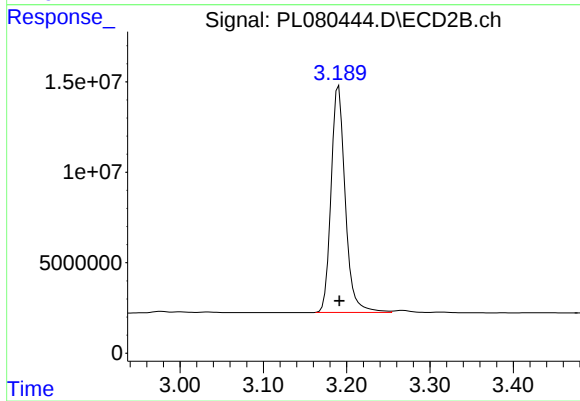
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 37450852  
Conc: 17.05 ng/ml



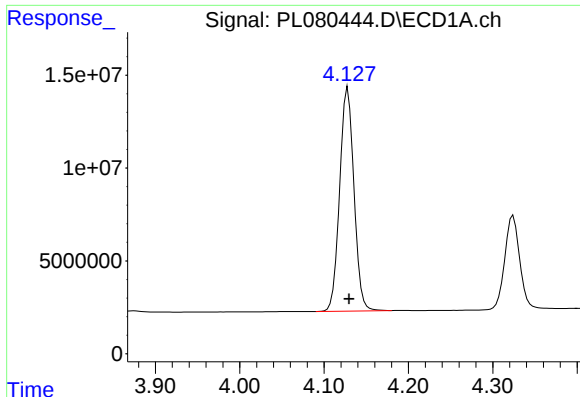
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 149539157  
Conc: 47.20 ng/ml



#2 alpha-BHC

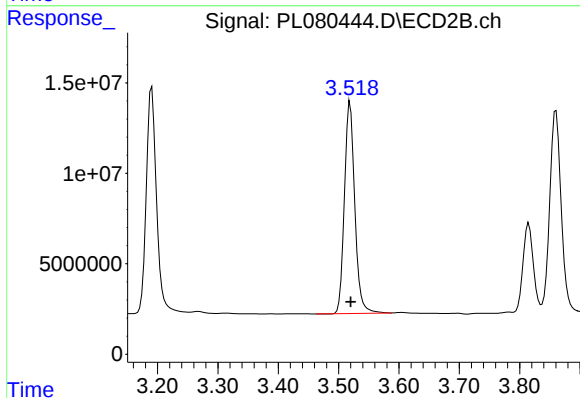
R.T.: 3.190 min  
Delta R.T.: 0.000 min  
Response: 148065151  
Conc: 46.56 ng/ml



#3 gamma-BHC (Lindane)

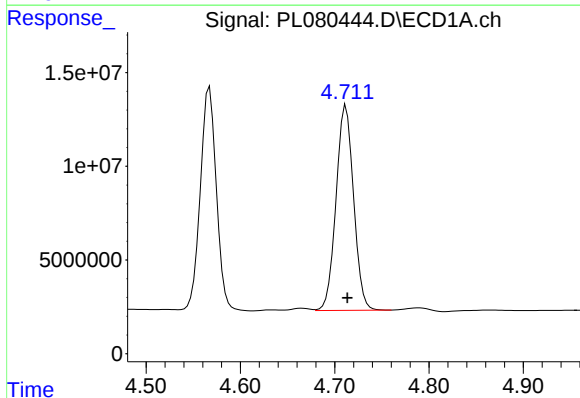
R.T.: 4.128 min  
Delta R.T.: -0.001 min  
Response: 141859088  
Conc: 48.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



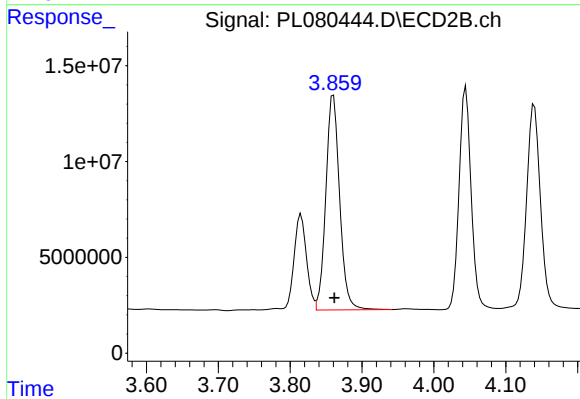
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: -0.001 min  
Response: 139829237  
Conc: 46.81 ng/ml



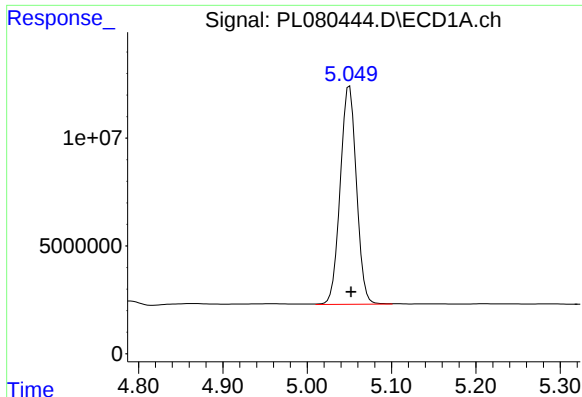
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: -0.001 min  
Response: 141388990  
Conc: 47.84 ng/ml



#4 Heptachlor

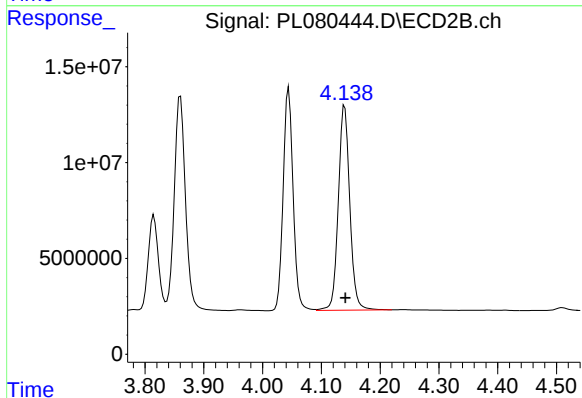
R.T.: 3.860 min  
Delta R.T.: -0.001 min  
Response: 149501574  
Conc: 46.98 ng/ml



#5 Aldrin

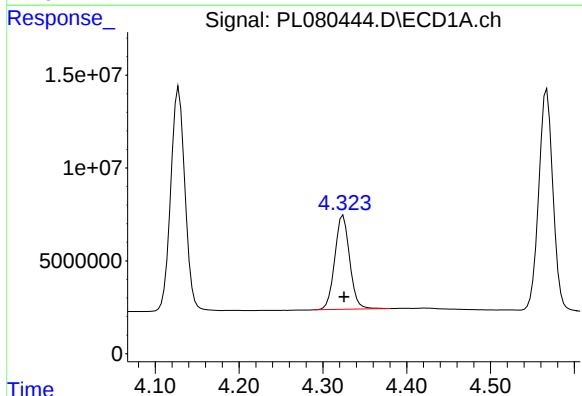
R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 135373348  
Conc: 49.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



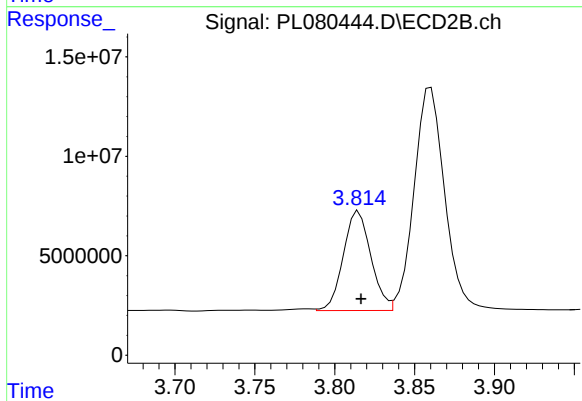
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: -0.002 min  
Response: 144792287  
Conc: 49.09 ng/ml



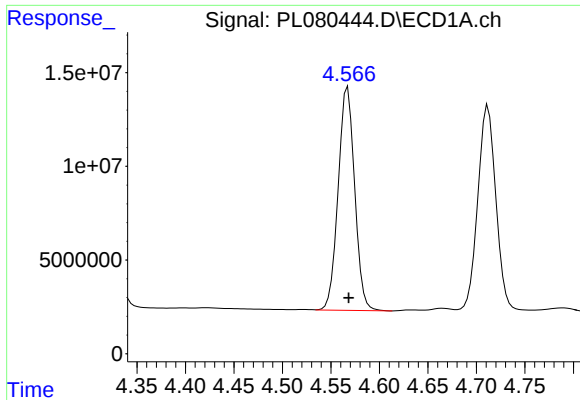
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 62552089  
Conc: 45.82 ng/ml



#6 beta-BHC

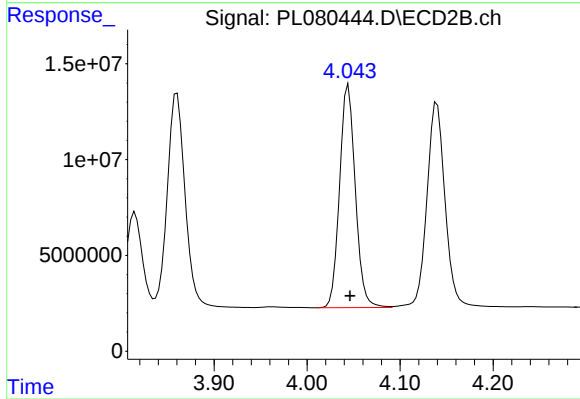
R.T.: 3.815 min  
Delta R.T.: -0.001 min  
Response: 60182071  
Conc: 45.09 ng/ml



#7 delta-BHC

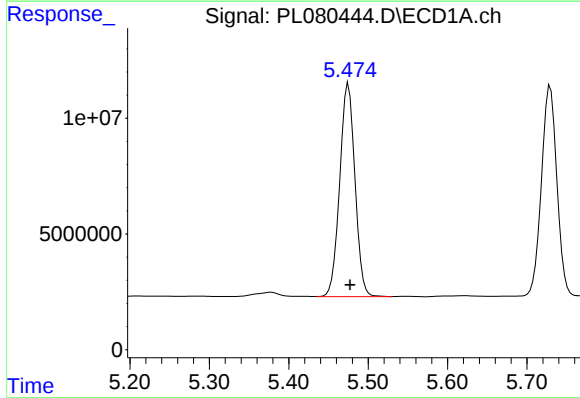
R.T.: 4.567 min  
Delta R.T.: -0.001 min  
Response: 140952921  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



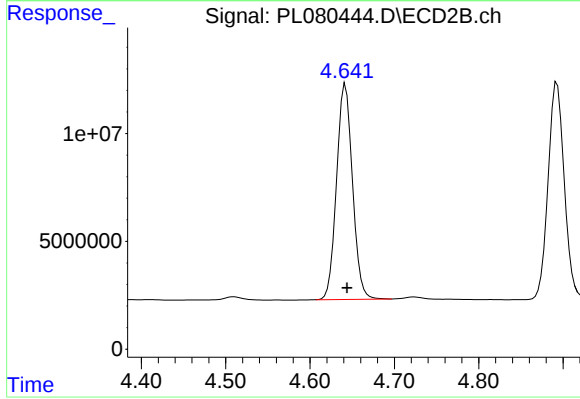
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 136568730  
Conc: 47.35 ng/ml



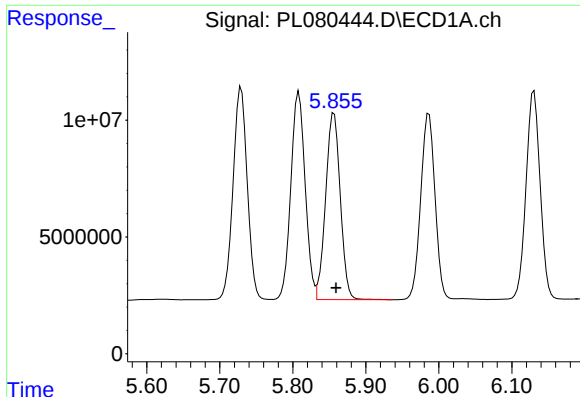
#8 Heptachlor epoxide

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 122909776  
Conc: 47.51 ng/ml



#8 Heptachlor epoxide

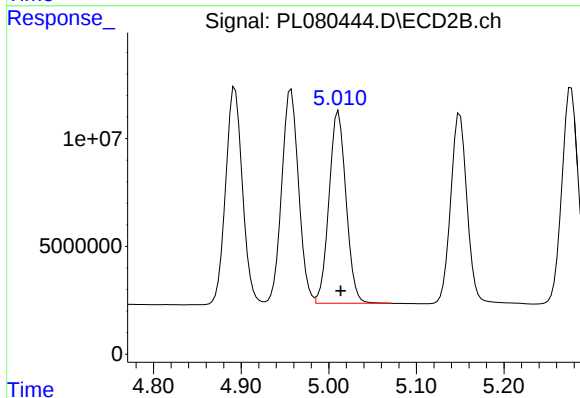
R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 131132574  
Conc: 47.13 ng/ml



#9 Endosulfan I

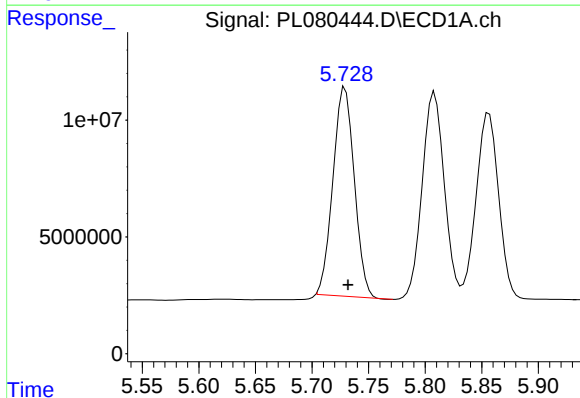
R.T.: 5.856 min  
Delta R.T.: -0.003 min  
Response: 111392967  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



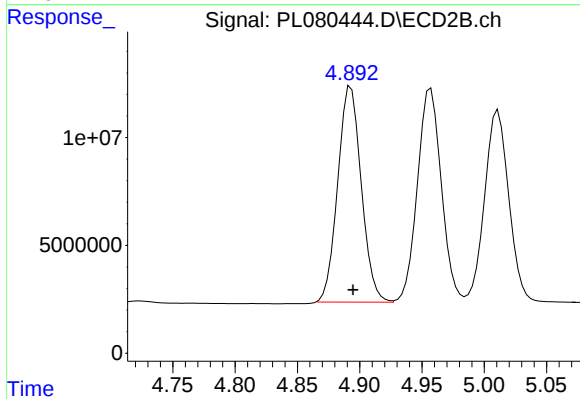
#9 Endosulfan I

R.T.: 5.011 min  
Delta R.T.: -0.002 min  
Response: 120252587  
Conc: 46.23 ng/ml



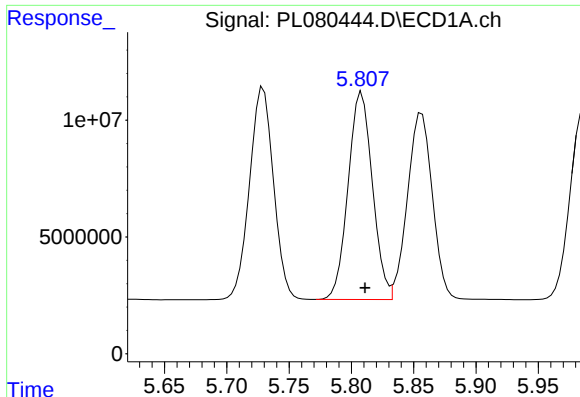
#10 gamma-Chlordane

R.T.: 5.729 min  
Delta R.T.: -0.002 min  
Response: 117547960  
Conc: 46.54 ng/ml



#10 gamma-Chlordane

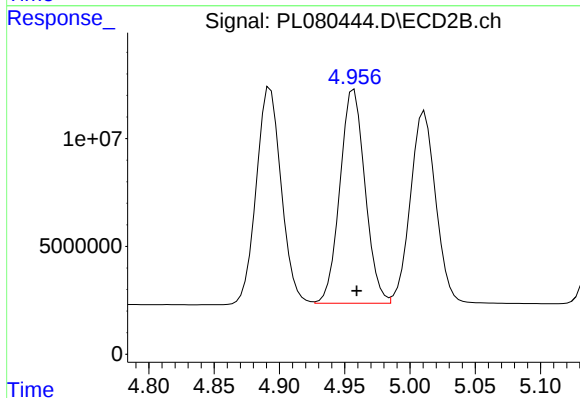
R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 131844421  
Conc: 46.52 ng/ml



#11 alpha-Chlordane

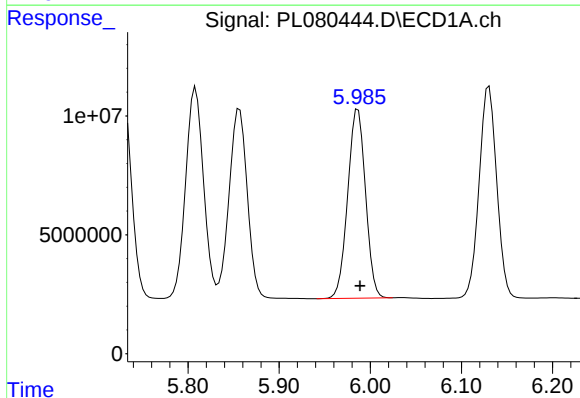
R.T.: 5.808 min  
Delta R.T.: -0.003 min  
Response: 121131472  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



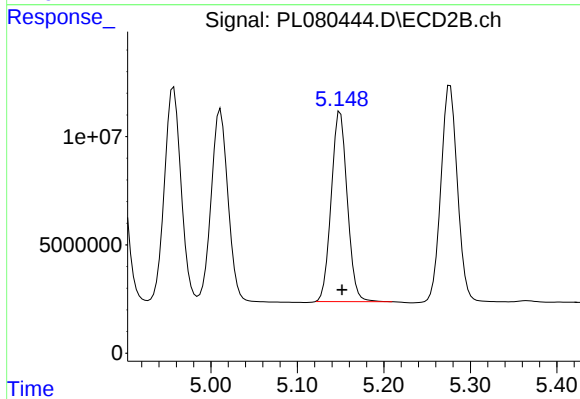
#11 alpha-Chlordane

R.T.: 4.957 min  
Delta R.T.: -0.002 min  
Response: 132592616  
Conc: 46.29 ng/ml



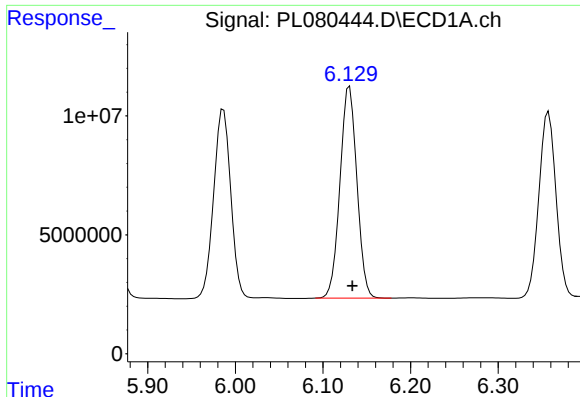
#12 4,4'-DDE

R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 107873860  
Conc: 48.43 ng/ml



#12 4,4'-DDE

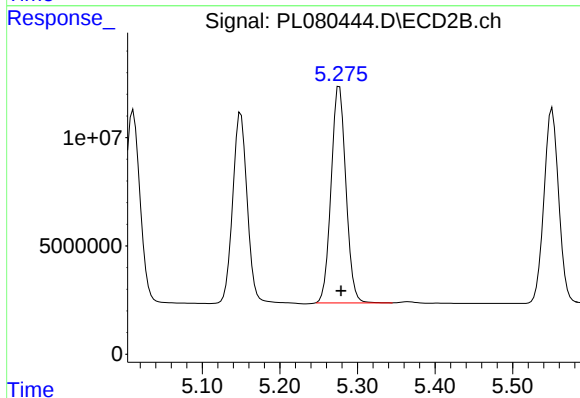
R.T.: 5.150 min  
Delta R.T.: -0.002 min  
Response: 112823952  
Conc: 47.83 ng/ml



#13 Dieldrin

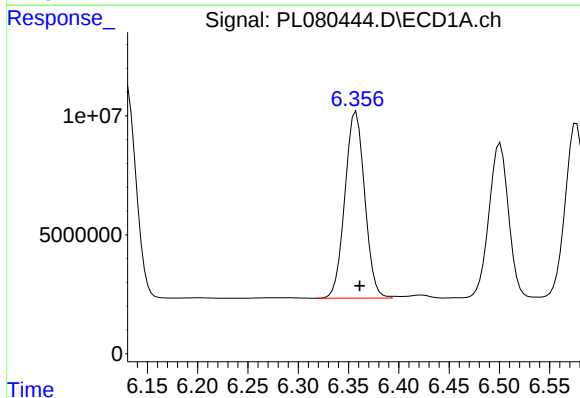
R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 119412034  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



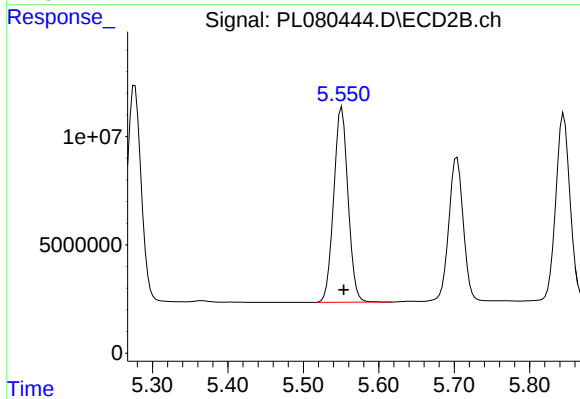
#13 Dieldrin

R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 132088138  
Conc: 48.83 ng/ml



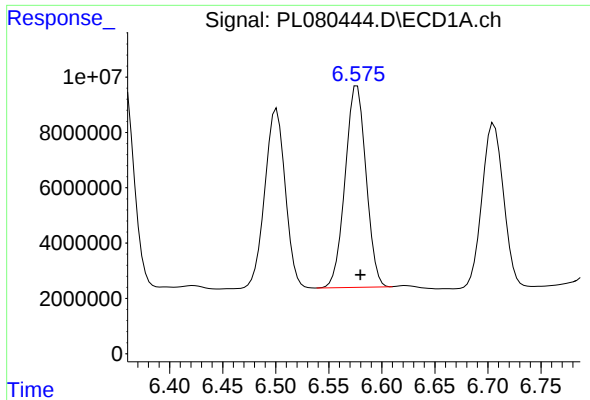
#14 Endrin

R.T.: 6.358 min  
Delta R.T.: -0.004 min  
Response: 107185710  
Conc: 49.56 ng/ml



#14 Endrin

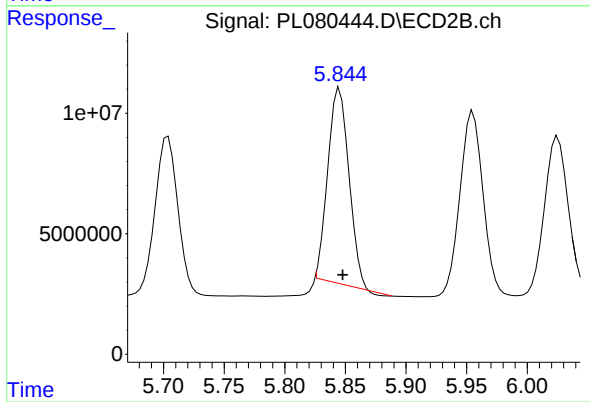
R.T.: 5.551 min  
Delta R.T.: -0.003 min  
Response: 118789966  
Conc: 51.18 ng/ml



#15 Endosulfan II

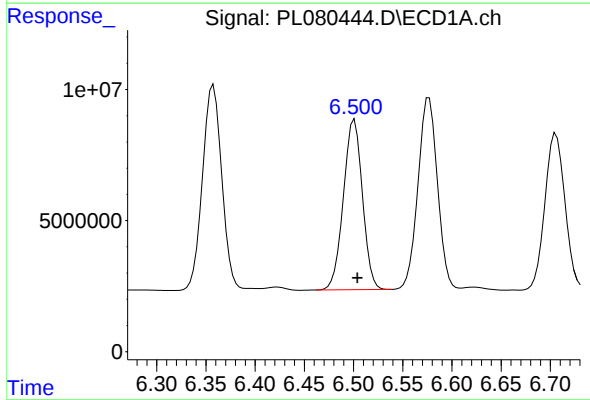
R.T.: 6.577 min  
Delta R.T.: -0.003 min  
Response: 99781778  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



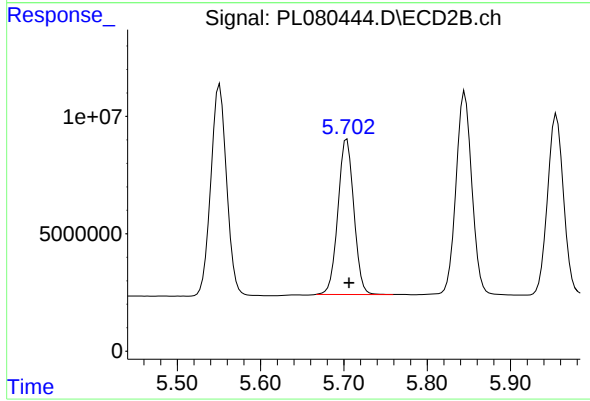
#15 Endosulfan II

R.T.: 5.845 min  
Delta R.T.: -0.003 min  
Response: 96614052  
Conc: 46.37 ng/ml



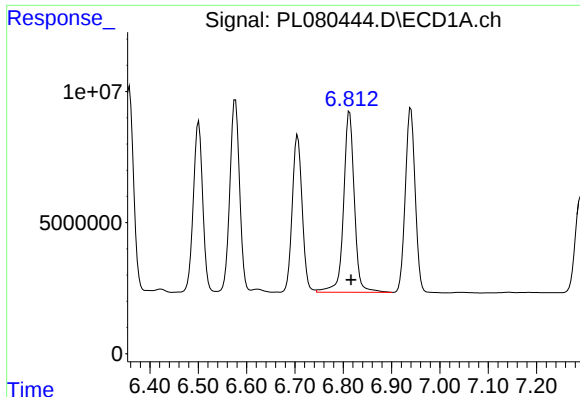
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: -0.003 min  
Response: 87226011  
Conc: 47.61 ng/ml



#16 4,4'-DDD

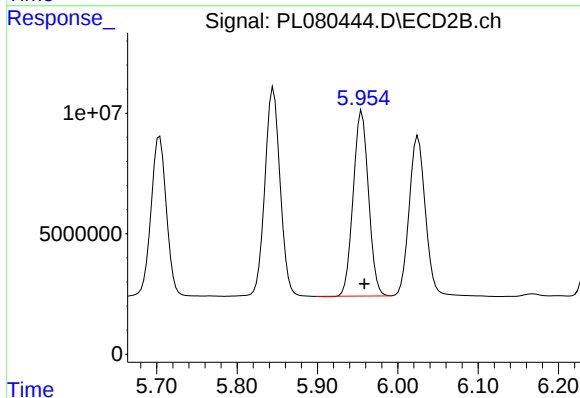
R.T.: 5.704 min  
Delta R.T.: -0.003 min  
Response: 87825667  
Conc: 46.74 ng/ml



#17 4,4'-DDT

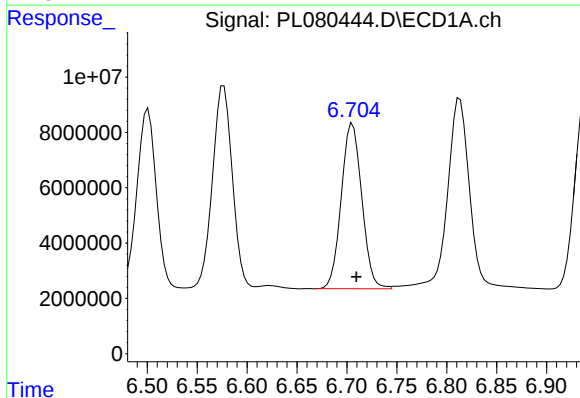
R.T.: 6.813 min  
Delta R.T.: -0.003 min  
Response: 106690938  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



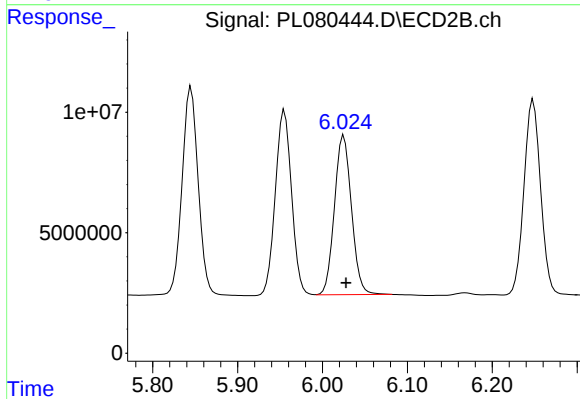
#17 4,4'-DDT

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 101751817  
Conc: 48.42 ng/ml



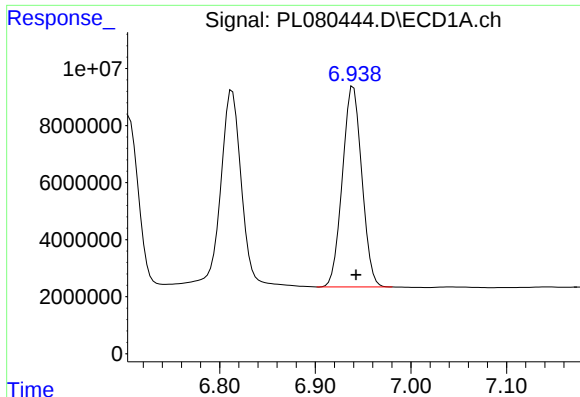
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 85638943  
Conc: 51.48 ng/ml



#18 Endrin aldehyde

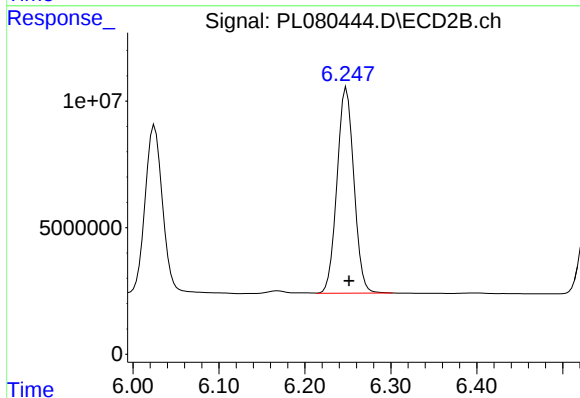
R.T.: 6.025 min  
Delta R.T.: -0.003 min  
Response: 92189742  
Conc: 50.48 ng/ml



#19 Endosulfan Sulfate

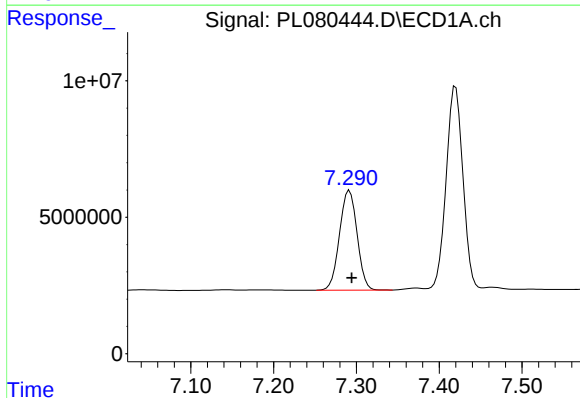
R.T.: 6.940 min  
Delta R.T.: -0.003 min  
Response: 99662413  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



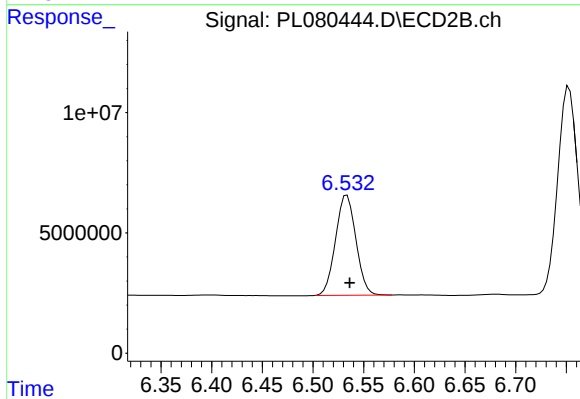
#19 Endosulfan Sulfate

R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 110742545  
Conc: 47.62 ng/ml



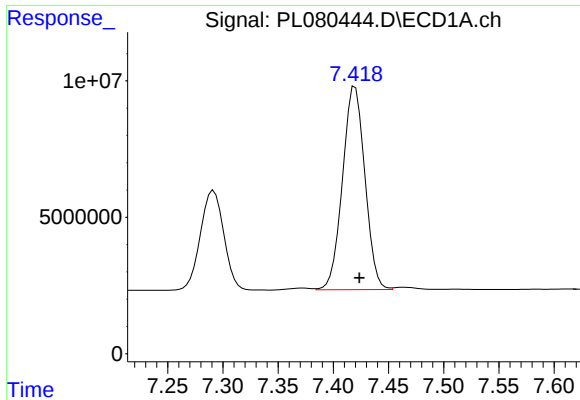
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.003 min  
Response: 53862644  
Conc: 48.82 ng/ml



#20 Methoxychlor

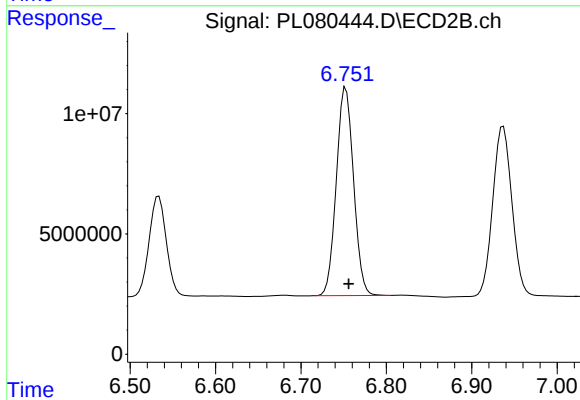
R.T.: 6.534 min  
Delta R.T.: -0.003 min  
Response: 58346072  
Conc: 48.08 ng/ml



#21 Endrin ketone

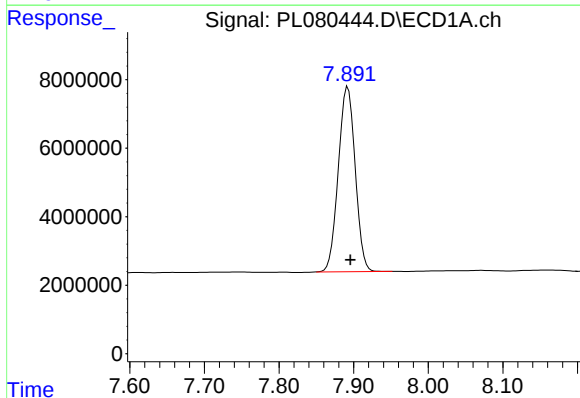
R.T.: 7.420 min  
Delta R.T.: -0.004 min  
Response: 105216261  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



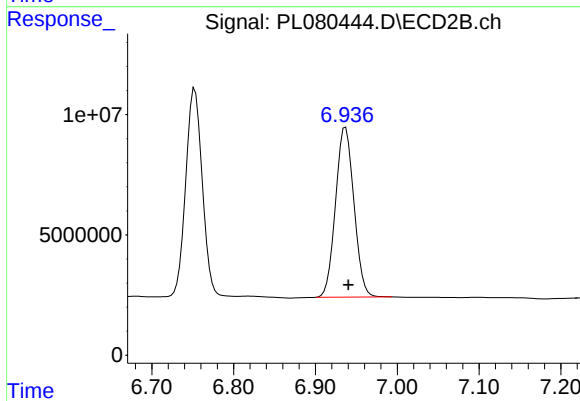
#21 Endrin ketone

R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 121619828  
Conc: 47.63 ng/ml



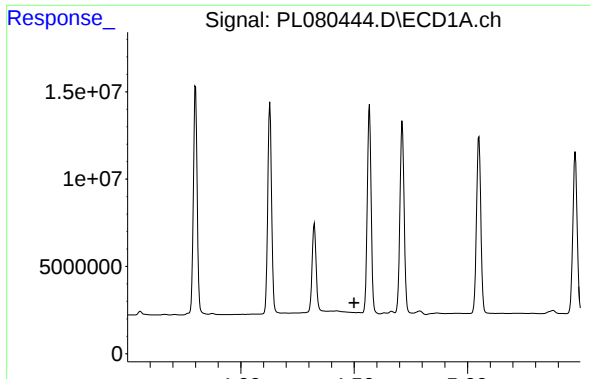
#22 Mirex

R.T.: 7.892 min  
Delta R.T.: -0.003 min  
Response: 84888706  
Conc: 49.36 ng/ml



#22 Mirex

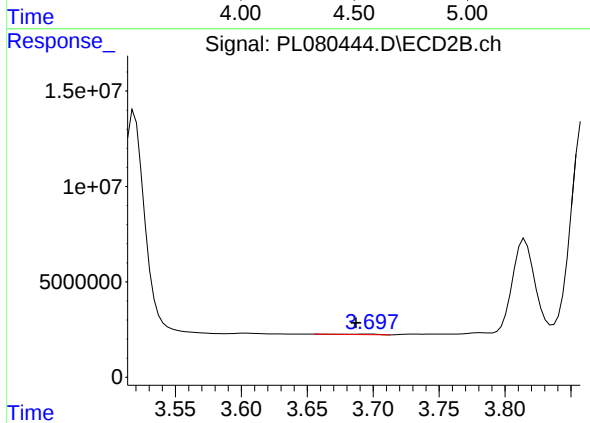
R.T.: 6.937 min  
Delta R.T.: -0.003 min  
Response: 110196712  
Conc: 48.40 ng/ml



#23 Chlordane-1

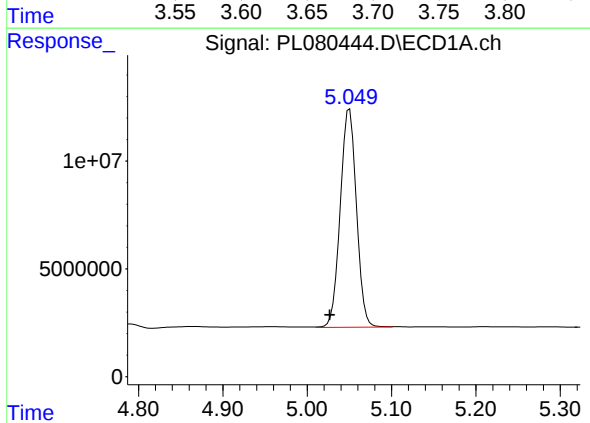
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



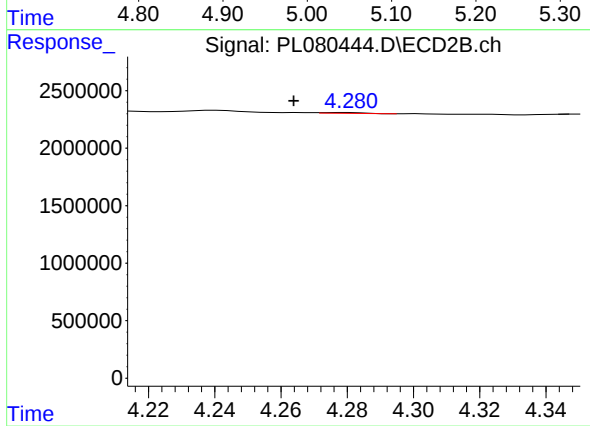
#23 Chlordane-1

R.T.: 3.697 min  
Delta R.T.: 0.010 min  
Response: 470127  
Conc: 5.77 ng/ml



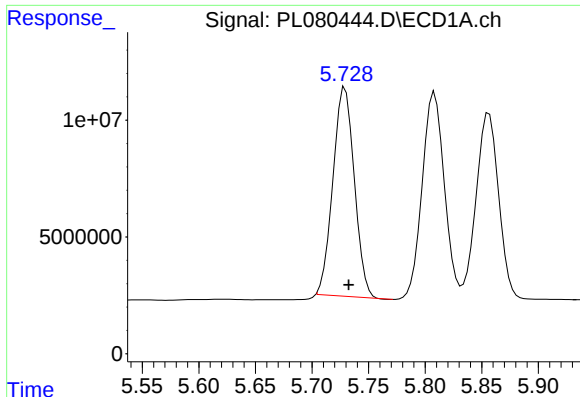
#24 Chlordane-2

R.T.: 5.050 min  
Delta R.T.: 0.024 min  
Response: 135373348  
Conc: 1403.57 ng/ml



#24 Chlordane-2

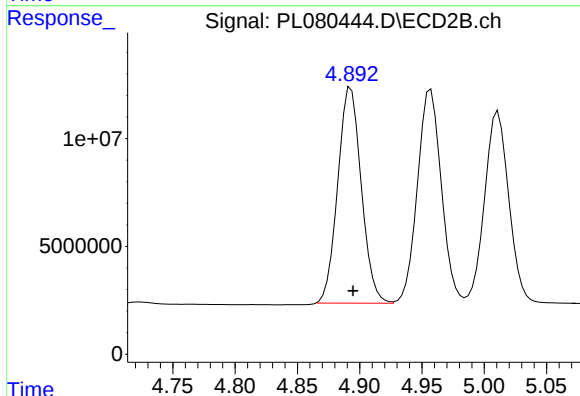
R.T.: 4.279 min  
Delta R.T.: 0.015 min  
Response: 57027  
Conc: 0.63 ng/ml



#25 Chlordane-3

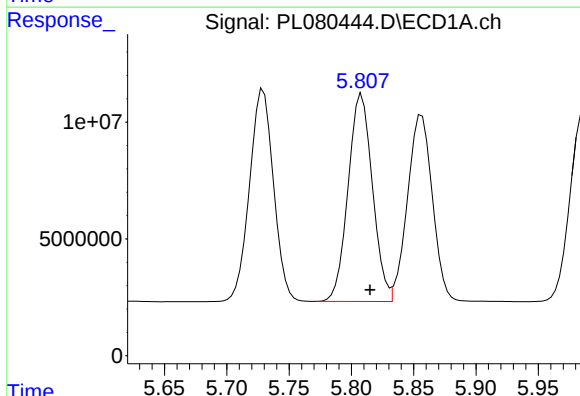
R.T.: 5.729 min  
Delta R.T.: -0.003 min  
Response: 117547960  
Conc: 347.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



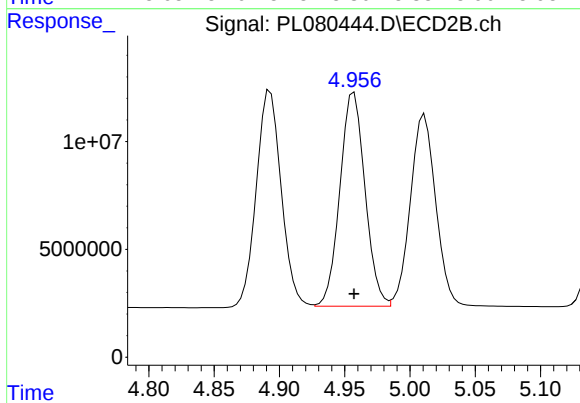
#25 Chlordane-3

R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 131844421  
Conc: 499.89 ng/ml



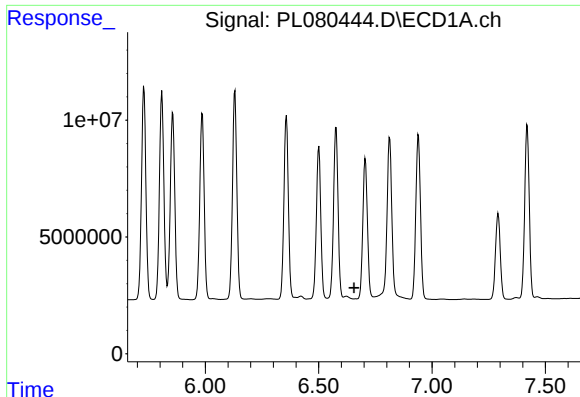
#26 Chlordane-4

R.T.: 5.808 min  
Delta R.T.: -0.007 min  
Response: 121131472  
Conc: 280.78 ng/ml



#26 Chlordane-4

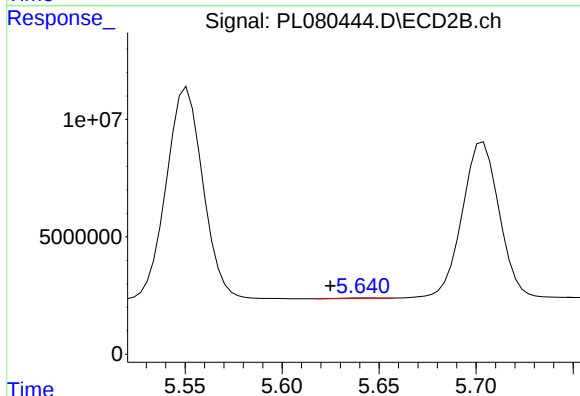
R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 132592616  
Conc: 492.36 ng/ml



#27 Chlordane-5

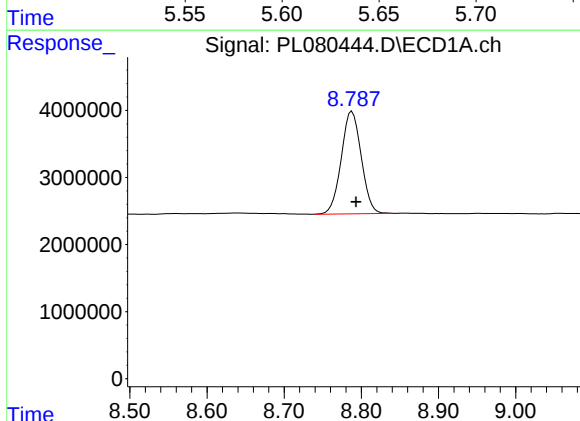
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



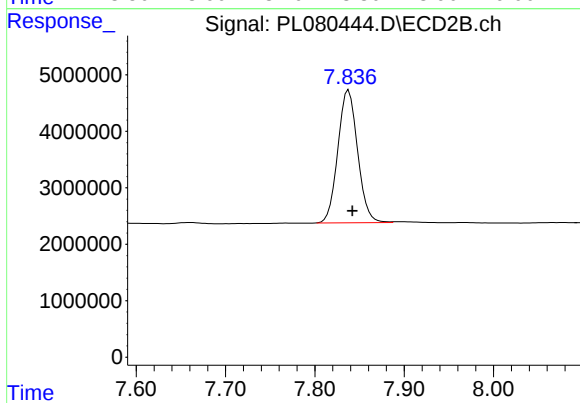
#27 Chlordane-5

R.T.: 5.642 min  
Delta R.T.: 0.017 min  
Response: 230423  
Conc: 3.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.005 min  
Response: 27434968  
Conc: 15.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min  
Delta R.T.: -0.004 min  
Response: 36111258  
Conc: 15.16 ng/ml