

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
 Data File : PL080428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jan 2023 20:00  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 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: Jan 21 06:11:58 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... | 3.352  | 2.690 | 105.8E6  | 110.5E6  | 49.311   | 50.296    |
| 28)                         | SA Decachlor... | 8.789  | 7.839 | 83207085 | 112.9E6  | 47.526   | 47.383    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.800  | 3.191 | 160.0E6  | 163.6E6  | 50.515   | 51.440    |
| 3)                          | MA gamma-BHC... | 4.129  | 3.519 | 149.1E6  | 152.4E6  | 50.726   | 51.001    |
| 4)                          | MA Heptachlor   | 4.713  | 3.860 | 147.1E6  | 159.8E6  | 49.781   | 50.207    |
| 5)                          | MB Aldrin       | 5.051  | 4.140 | 135.1E6  | 148.9E6  | 49.400   | 50.498    |
| 6)                          | B beta-BHC      | 4.325  | 3.815 | 66194305 | 65519869 | 48.493   | 49.092    |
| 7)                          | B delta-BHC     | 4.568  | 4.045 | 145.7E6  | 146.0E6  | 50.332   | 50.628    |
| 8)                          | B Heptachlo...  | 5.475  | 4.642 | 125.4E6  | 138.8E6  | 48.458   | 49.887    |
| 9)                          | A Endosulfan I  | 5.857  | 5.012 | 115.2E6  | 129.0E6  | 48.763   | 49.609    |
| 10)                         | B gamma-Chl...  | 5.730  | 4.893 | 122.4E6  | 138.6E6  | 48.465   | 48.919    |
| 11)                         | B alpha-Chl...  | 5.810  | 4.957 | 123.5E6  | 140.5E6  | 48.939   | 49.037    |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.150 | 109.2E6  | 116.6E6  | 49.006   | 49.439    |
| 13)                         | MA Dieldrin     | 6.132  | 5.277 | 117.9E6  | 135.2E6  | 49.254   | 49.990    |
| 14)                         | MA Endrin       | 6.359  | 5.551 | 105.3E6  | 117.3E6  | 48.678   | 50.545    |
| 15)                         | B Endosulfa...  | 6.577  | 5.845 | 96873972 | 88823360 | 42.260   | 42.627    |
| 16)                         | A 4,4'-DDD      | 6.501  | 5.704 | 88428992 | 93627128 | 48.269   | 49.823    |
| 17)                         | MA 4,4'-DDT     | 6.815  | 5.955 | 98340547 | 103.9E6  | 47.332   | 49.436    |
| 18)                         | B Endrin al...  | 6.707  | 6.026 | 79773004 | 87457342 | 47.958   | 47.893    |
| 19)                         | B Endosulfa...  | 6.941  | 6.248 | 100.7E6  | 113.6E6  | 48.650   | 48.838    |
| 20)                         | A Methoxychlor  | 7.292  | 6.534 | 53141374 | 58508001 | 48.166   | 48.216    |
| 21)                         | B Endrin ke...  | 7.421  | 6.754 | 107.4E6  | 126.3E6  | 48.691   | 49.486    |
| 22)                         | Mirex           | 7.893  | 6.938 | 83408247 | 111.5E6  | 48.499   | 48.987    |
| 23)                         | Chlordane-1     | 0.000  | 3.686 | 0        | 18017    | N.D.     | 0.221 #   |
| 24)                         | Chlordane-2     | 5.051f | 4.268 | 135.1E6  | 113349   | 1401.230 | 1.257 #   |
| 25)                         | Chlordane-3     | 5.730  | 4.893 | 122.4E6  | 138.6E6  | 362.256  | 525.690 # |
| 26)                         | Chlordane-4     | 5.810  | 4.957 | 123.5E6  | 140.5E6  | 286.350  | 521.630 # |
| -----                       |                 |        |       |          |          |          |           |

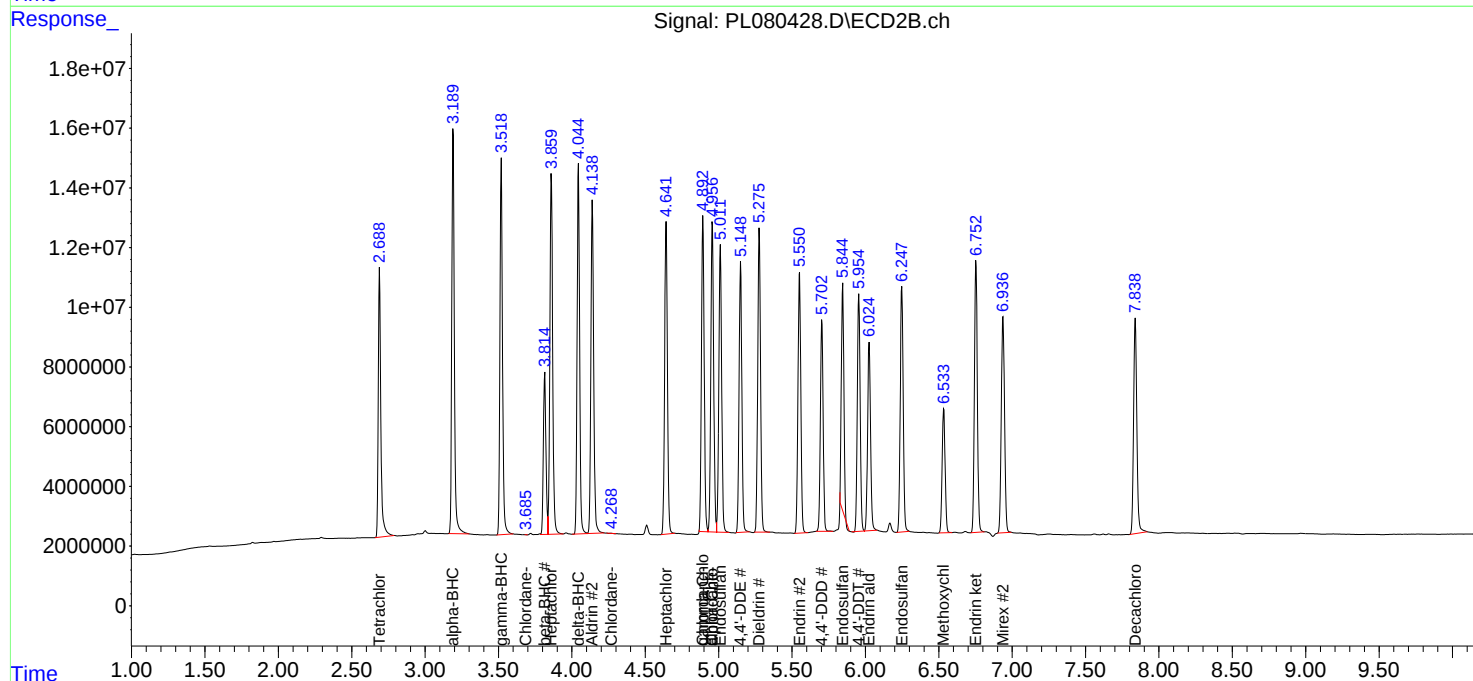
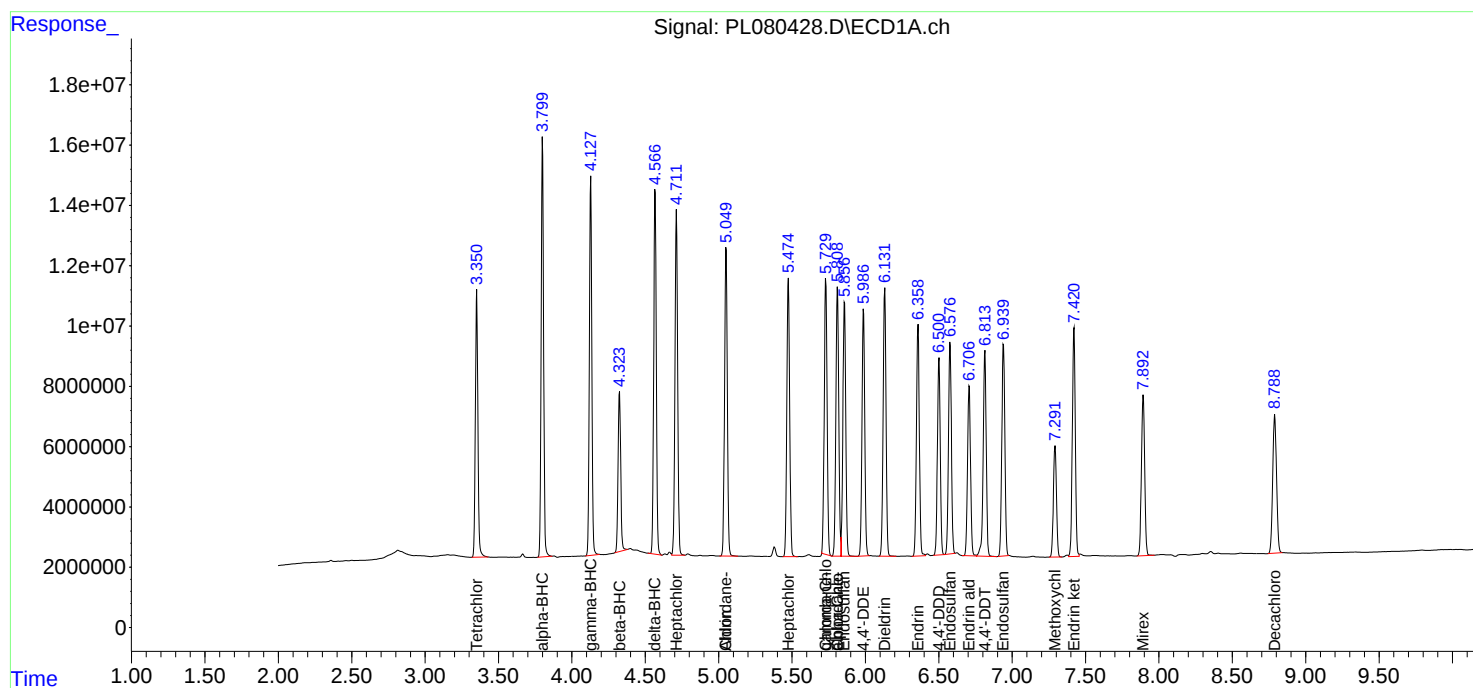
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

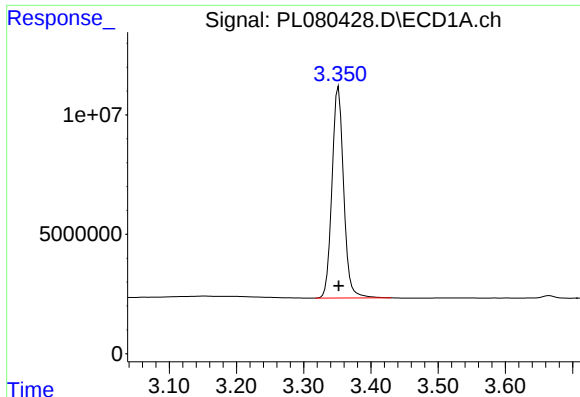
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012023\  
Data File : PL080428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jan 2023 20:00  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 21 06:11:58 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

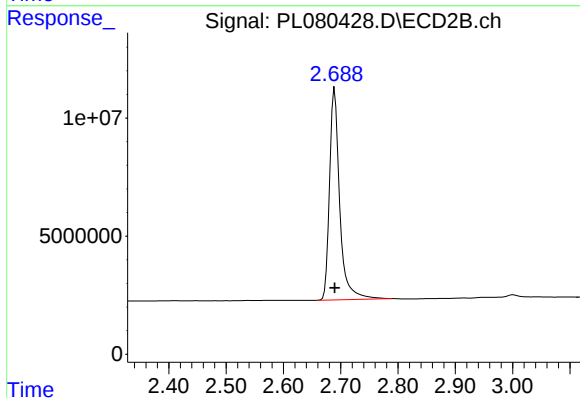




#1 Tetrachloro-m-xylene

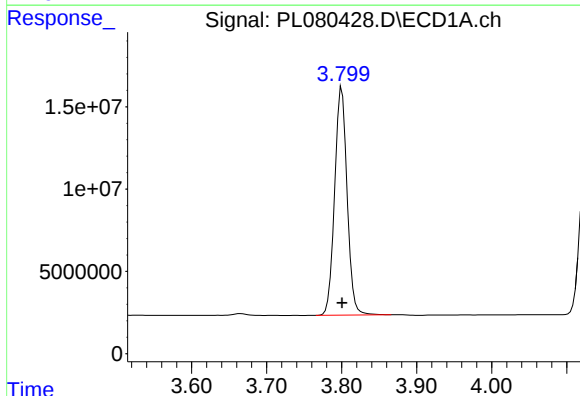
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 105764742  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



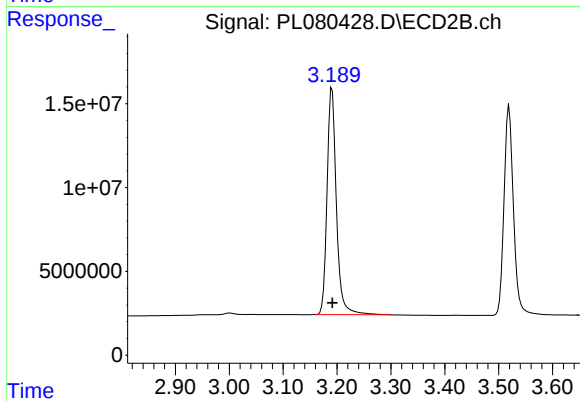
#1 Tetrachloro-m-xylene

R.T.: 2.690 min  
Delta R.T.: 0.000 min  
Response: 110472378  
Conc: 50.30 ng/ml



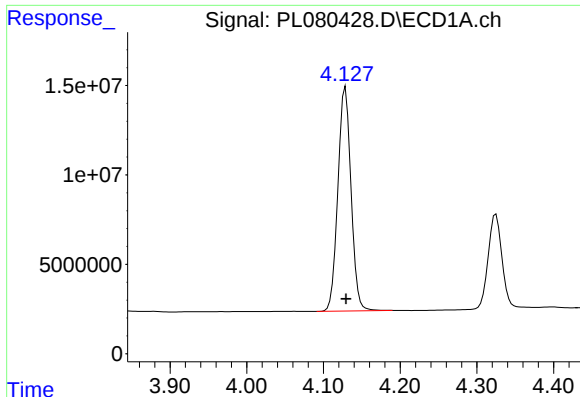
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 160033331  
Conc: 50.52 ng/ml



#2 alpha-BHC

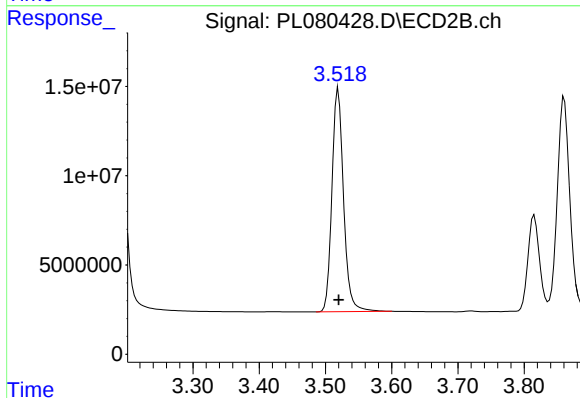
R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 163601801  
Conc: 51.44 ng/ml



#3 gamma-BHC (Lindane)

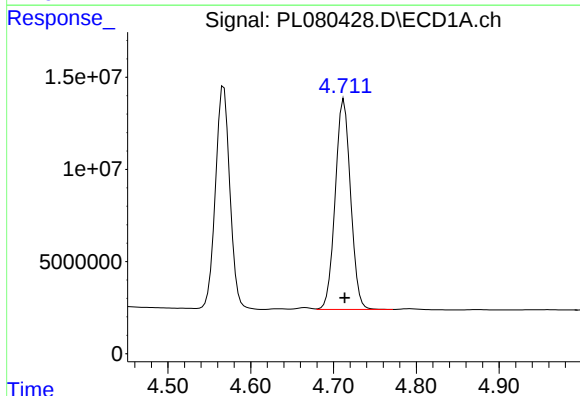
R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 149123857  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



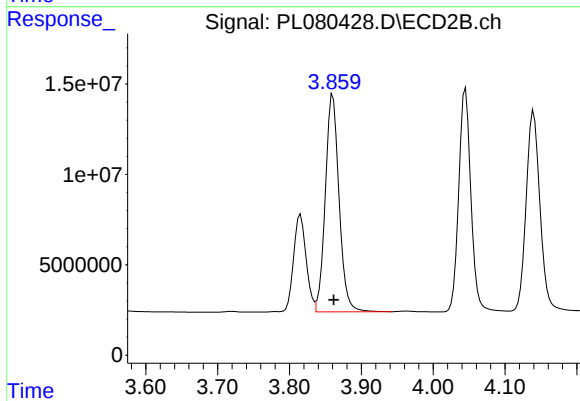
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: 0.000 min  
Response: 152356974  
Conc: 51.00 ng/ml



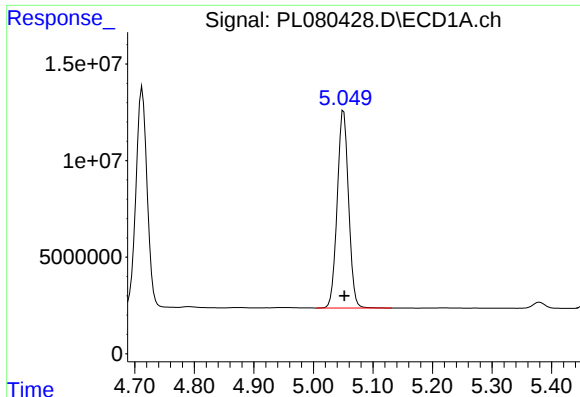
#4 Heptachlor

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 147114185  
Conc: 49.78 ng/ml



#4 Heptachlor

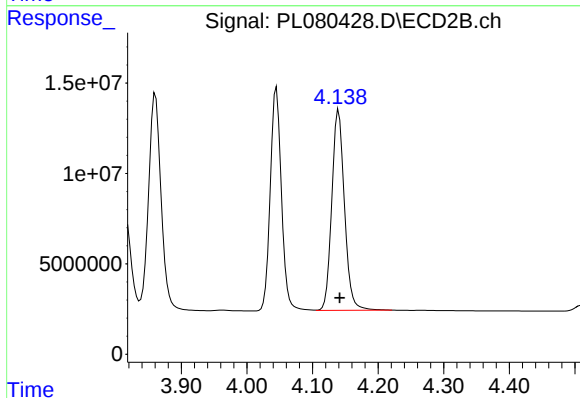
R.T.: 3.860 min  
Delta R.T.: -0.001 min  
Response: 159778341  
Conc: 50.21 ng/ml



#5 Aldrin

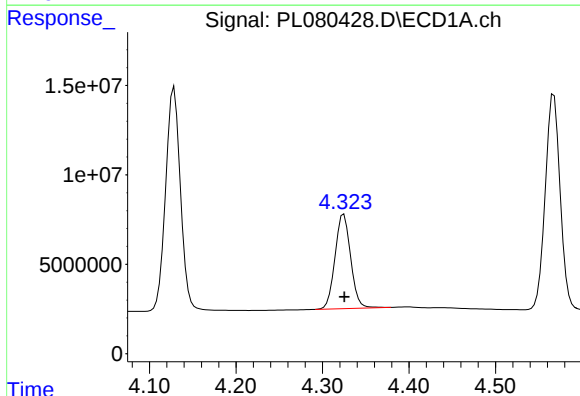
R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 135147855  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



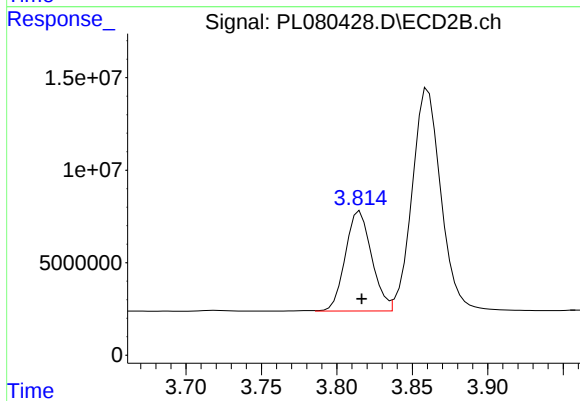
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: -0.002 min  
Response: 148947882  
Conc: 50.50 ng/ml



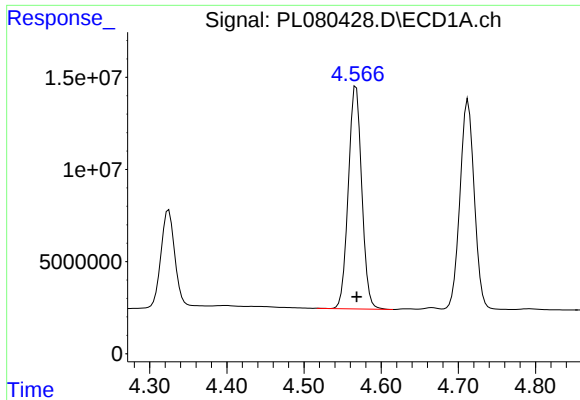
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 66194305  
Conc: 48.49 ng/ml



#6 beta-BHC

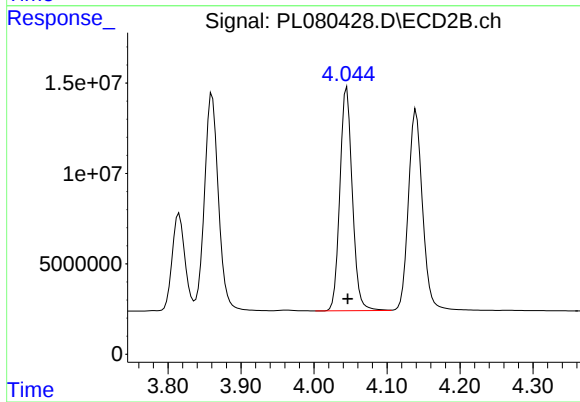
R.T.: 3.815 min  
Delta R.T.: -0.001 min  
Response: 65519869  
Conc: 49.09 ng/ml



#7 delta-BHC

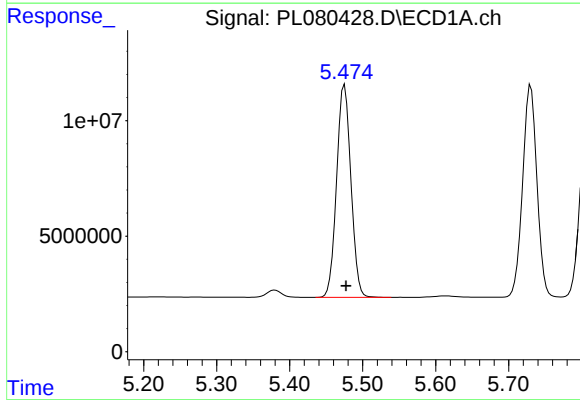
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 145709999  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



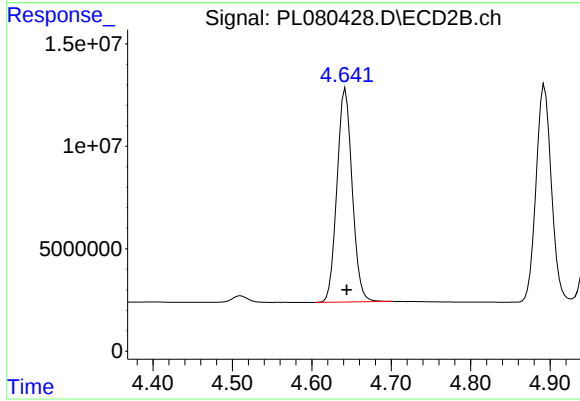
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 146032565  
Conc: 50.63 ng/ml



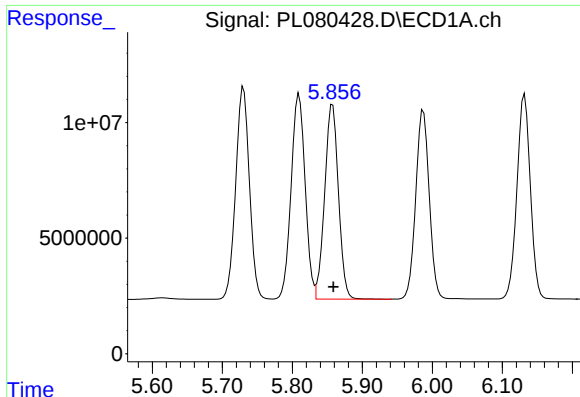
#8 Heptachlor epoxide

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 125362752  
Conc: 48.46 ng/ml



#8 Heptachlor epoxide

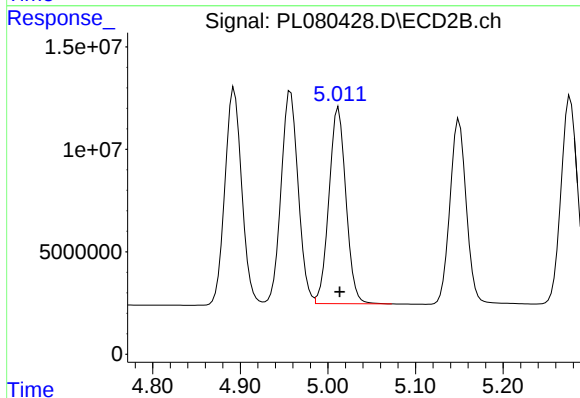
R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 138801443  
Conc: 49.89 ng/ml



#9 Endosulfan I

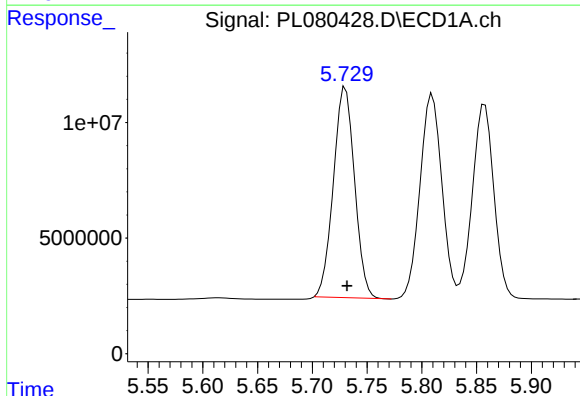
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 115152192  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



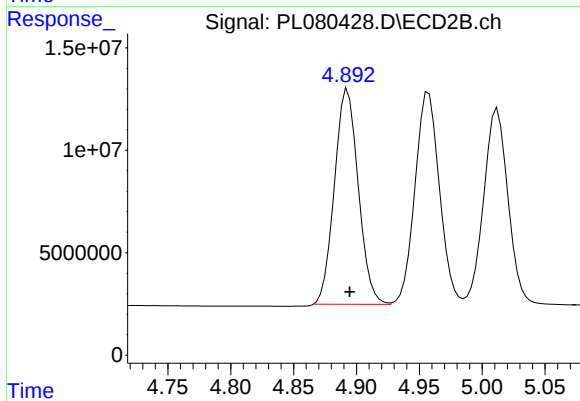
#9 Endosulfan I

R.T.: 5.012 min  
Delta R.T.: -0.001 min  
Response: 129048857  
Conc: 49.61 ng/ml



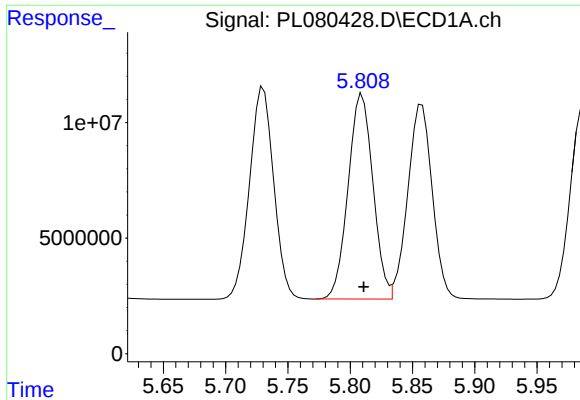
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: -0.001 min  
Response: 122410382  
Conc: 48.47 ng/ml



#10 gamma-Chlordane

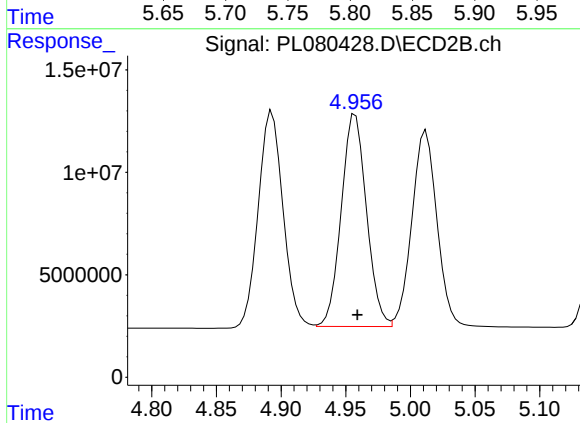
R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 138648019  
Conc: 48.92 ng/ml



#11 alpha-Chlordane

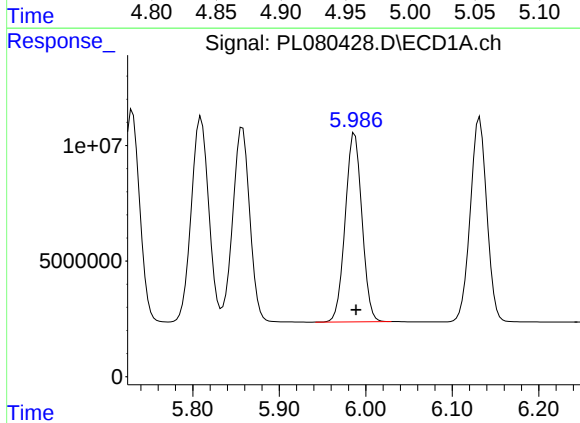
R.T.: 5.810 min  
Delta R.T.: -0.001 min  
Response: 123535835  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



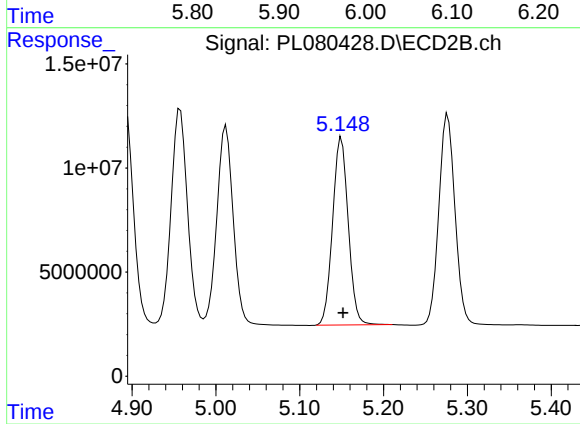
#11 alpha-Chlordane

R.T.: 4.957 min  
Delta R.T.: -0.002 min  
Response: 140473968  
Conc: 49.04 ng/ml



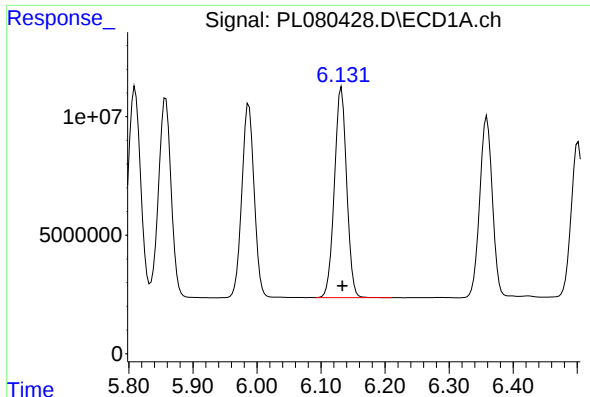
#12 4,4'-DDE

R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 109152549  
Conc: 49.01 ng/ml



#12 4,4'-DDE

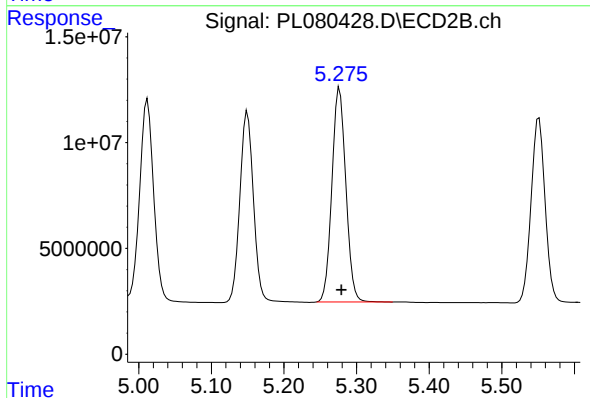
R.T.: 5.150 min  
Delta R.T.: -0.002 min  
Response: 116618856  
Conc: 49.44 ng/ml



#13 Dieldrin

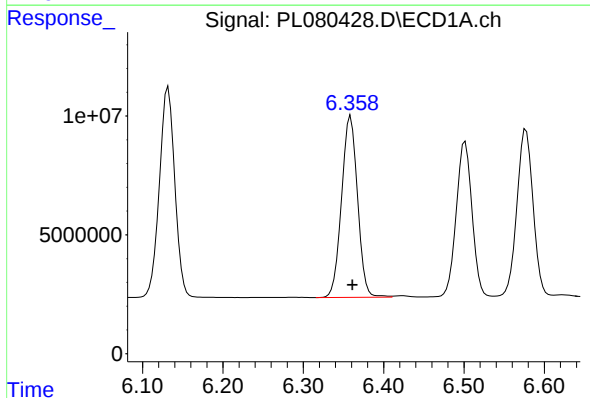
R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 117882619  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



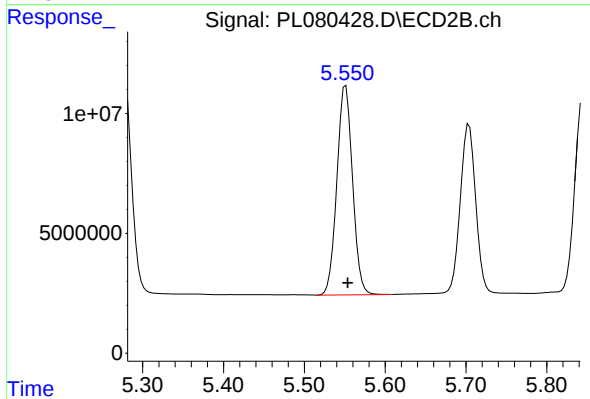
#13 Dieldrin

R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 135220570  
Conc: 49.99 ng/ml



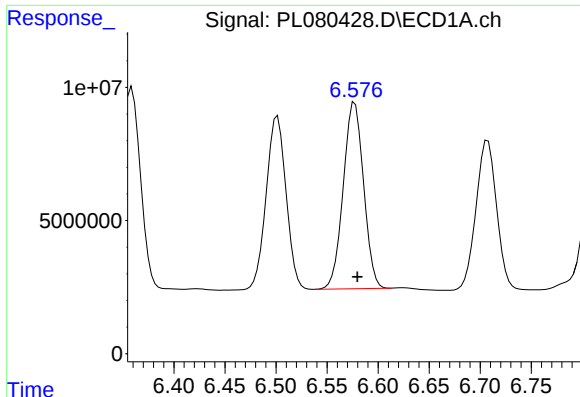
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 105275752  
Conc: 48.68 ng/ml



#14 Endrin

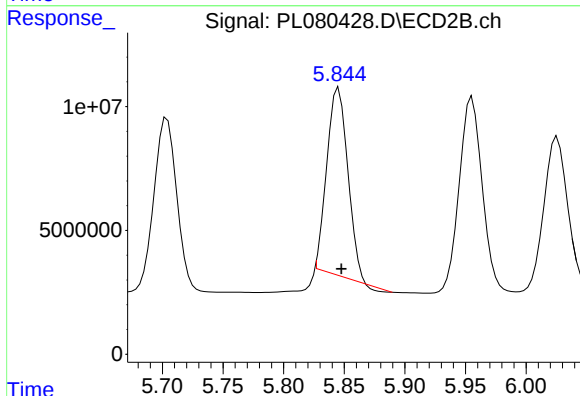
R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 117322342  
Conc: 50.54 ng/ml



#15 Endosulfan II

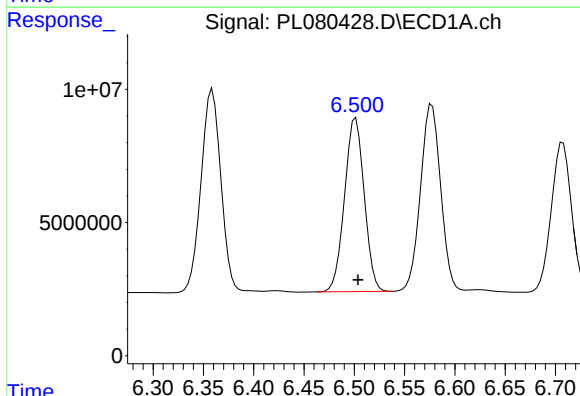
R.T.: 6.577 min  
Delta R.T.: -0.002 min  
Response: 96873972  
Conc: 42.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



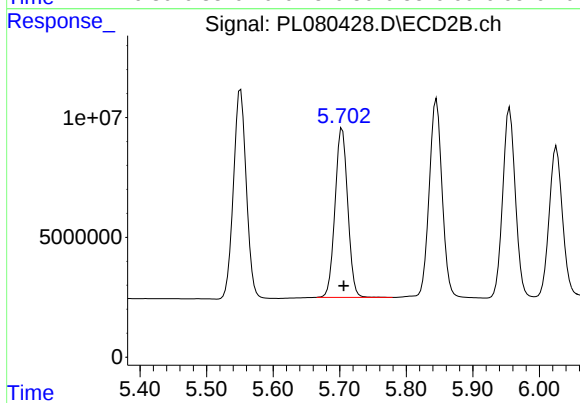
#15 Endosulfan II

R.T.: 5.845 min  
Delta R.T.: -0.002 min  
Response: 88823360  
Conc: 42.63 ng/ml



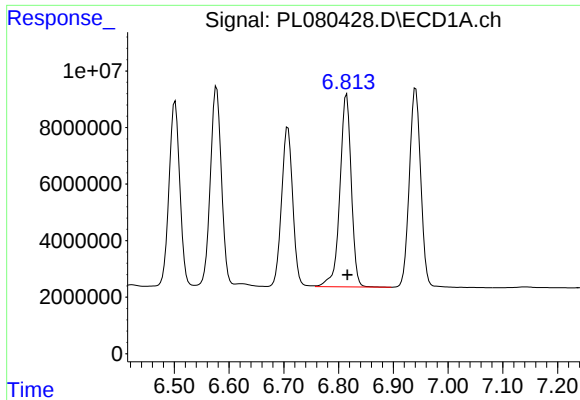
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: -0.002 min  
Response: 88428992  
Conc: 48.27 ng/ml



#16 4,4'-DDD

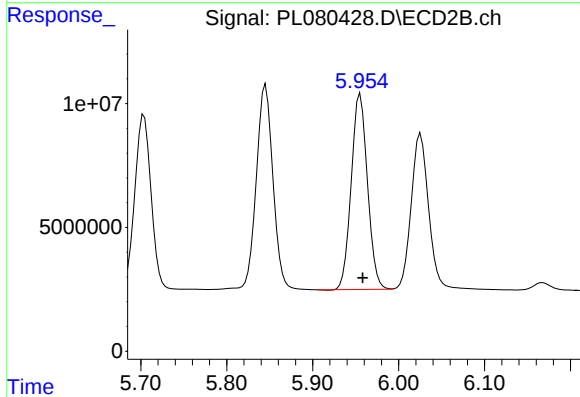
R.T.: 5.704 min  
Delta R.T.: -0.003 min  
Response: 93627128  
Conc: 49.82 ng/ml



#17 4,4'-DDT

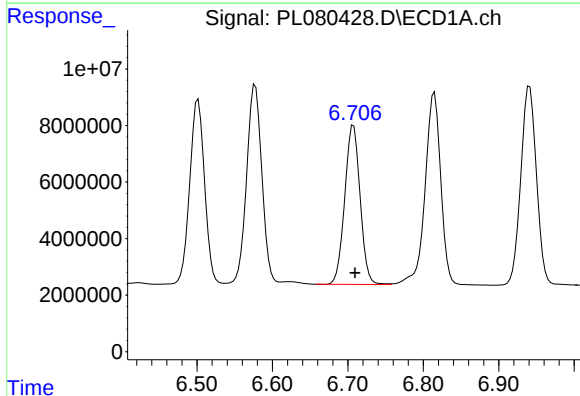
R.T.: 6.815 min  
Delta R.T.: -0.001 min  
Response: 98340547  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



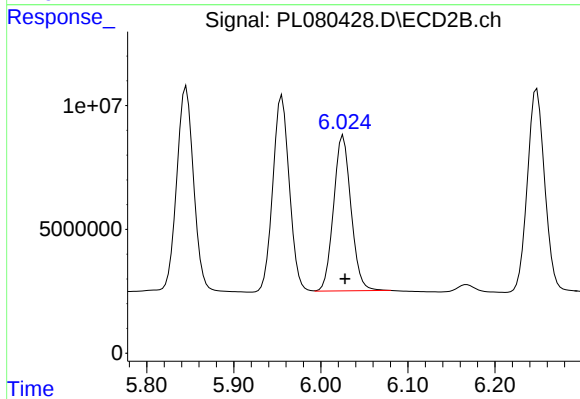
#17 4,4'-DDT

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 103887999  
Conc: 49.44 ng/ml



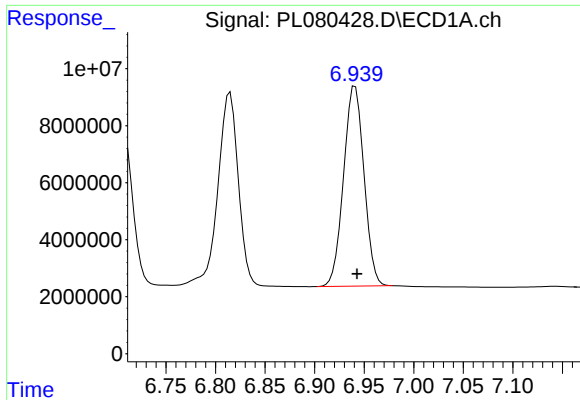
#18 Endrin aldehyde

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 79773004  
Conc: 47.96 ng/ml



#18 Endrin aldehyde

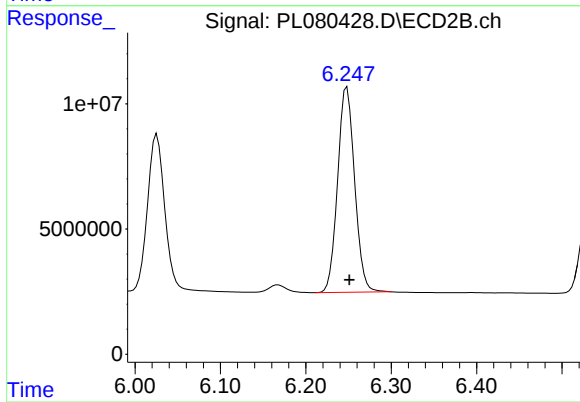
R.T.: 6.026 min  
Delta R.T.: -0.002 min  
Response: 87457342  
Conc: 47.89 ng/ml



#19 Endosulfan Sulfate

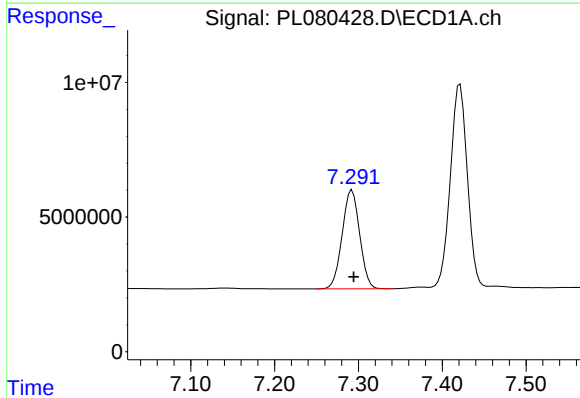
R.T.: 6.941 min  
Delta R.T.: -0.002 min  
Response: 100701036  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



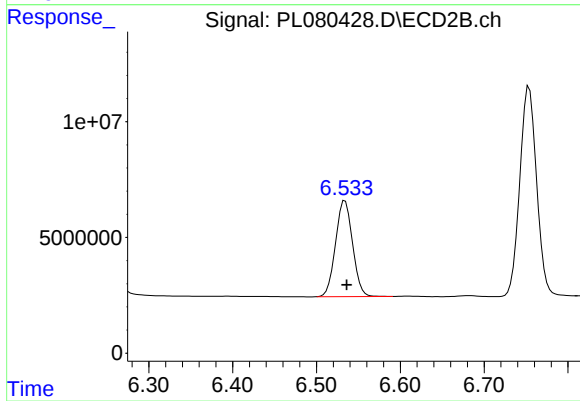
#19 Endosulfan Sulfate

R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 113581143  
Conc: 48.84 ng/ml



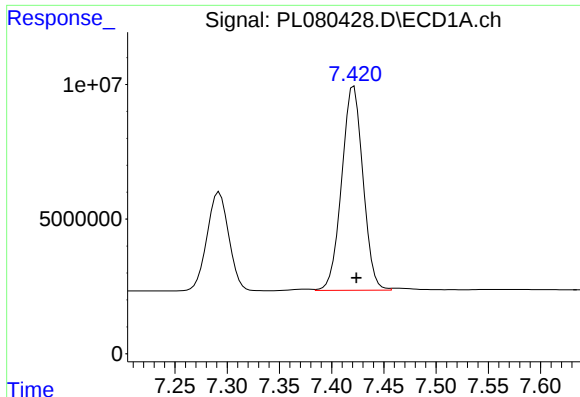
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 53141374  
Conc: 48.17 ng/ml



#20 Methoxychlor

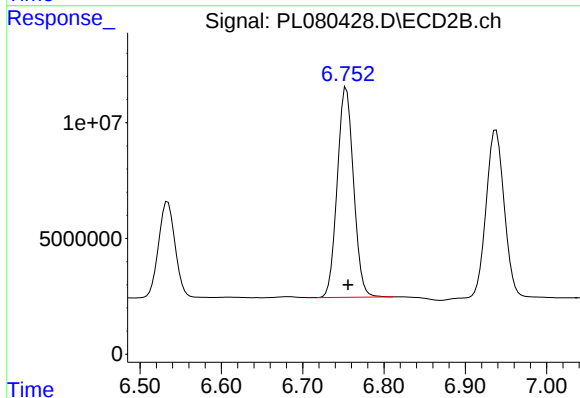
R.T.: 6.534 min  
Delta R.T.: -0.002 min  
Response: 58508001  
Conc: 48.22 ng/ml



#21 Endrin ketone

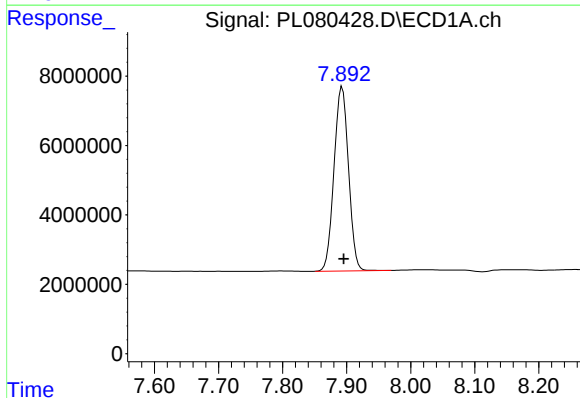
R.T.: 7.421 min  
Delta R.T.: -0.002 min  
Response: 107429038  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



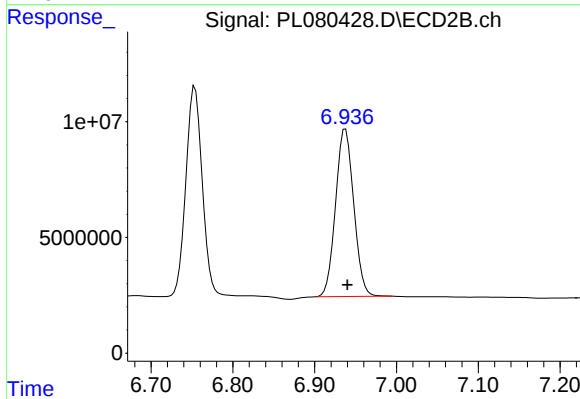
#21 Endrin ketone

R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 126349655  
Conc: 49.49 ng/ml



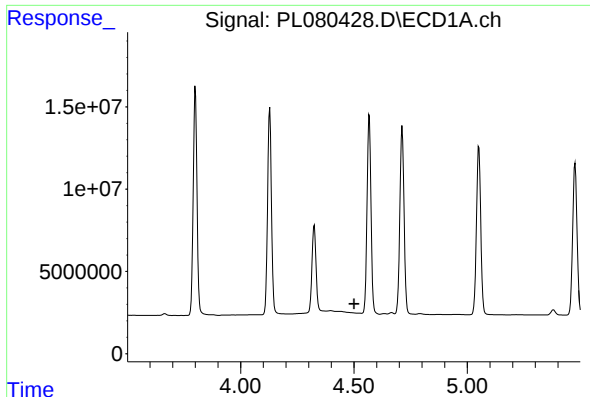
#22 Mirex

R.T.: 7.893 min  
Delta R.T.: -0.002 min  
Response: 83408247  
Conc: 48.50 ng/ml



#22 Mirex

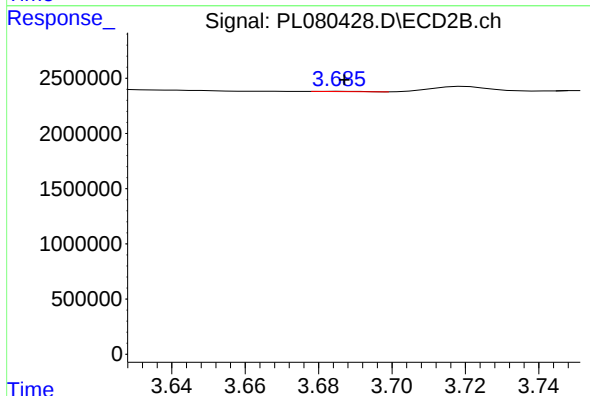
R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 111530690  
Conc: 48.99 ng/ml



#23 Chlordane-1

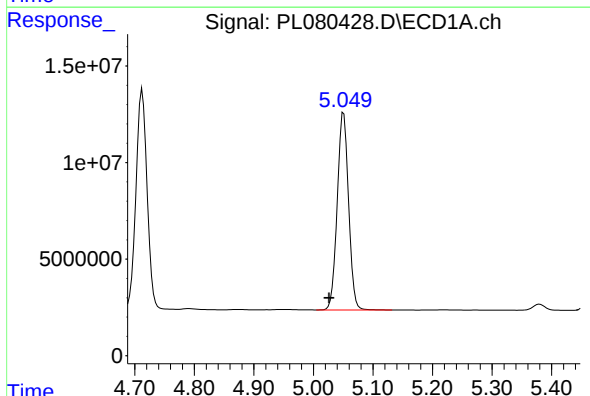
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



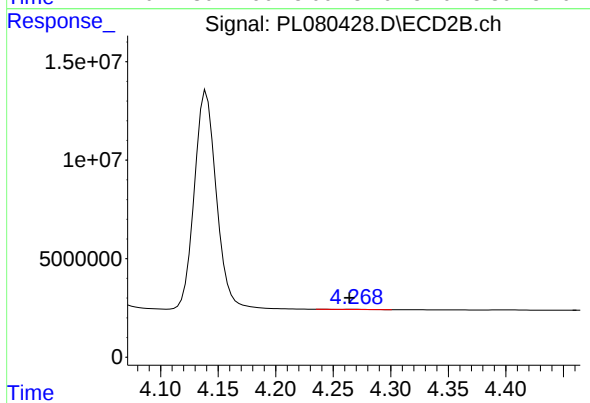
#23 Chlordane-1

R.T.: 3.686 min  
Delta R.T.: 0.000 min  
Response: 18017  
Conc: 0.22 ng/ml



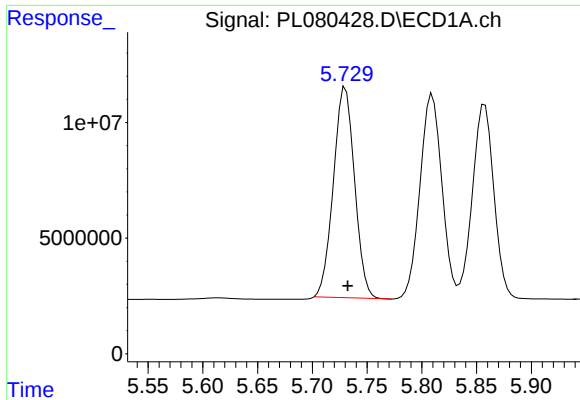
#24 Chlordane-2

R.T.: 5.051 min  
Delta R.T.: 0.024 min  
Response: 135147855  
Conc: 1401.23 ng/ml



#24 Chlordane-2

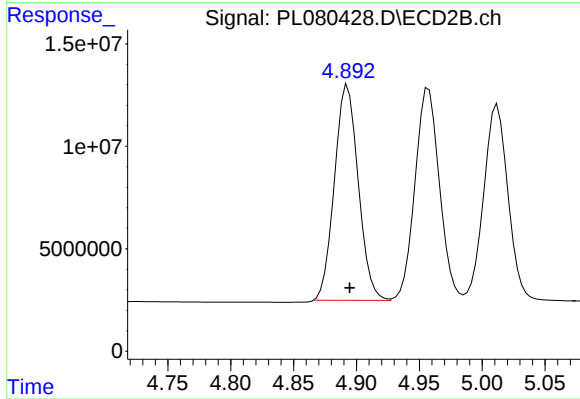
R.T.: 4.268 min  
Delta R.T.: 0.004 min  
Response: 113349  
Conc: 1.26 ng/ml



#25 Chlordane-3

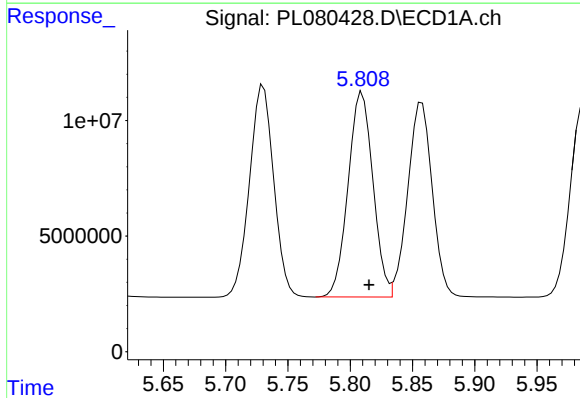
R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 122410382  
Conc: 362.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



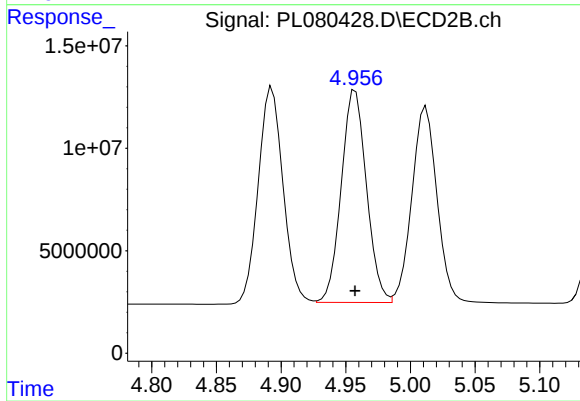
#25 Chlordane-3

R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 138648019  
Conc: 525.69 ng/ml



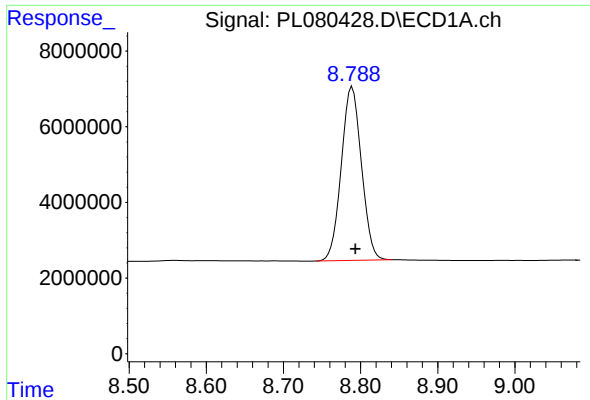
#26 Chlordane-4

R.T.: 5.810 min  
Delta R.T.: -0.005 min  
Response: 123535835  
Conc: 286.35 ng/ml



#26 Chlordane-4

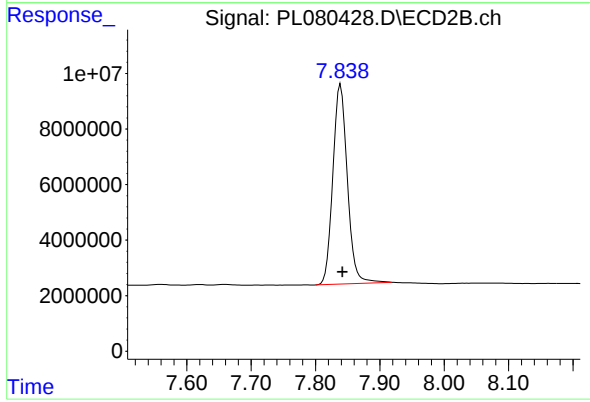
R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 140473968  
Conc: 521.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.004 min  
Response: 83207085  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.839 min  
Delta R.T.: -0.003 min  
Response: 112890932  
Conc: 47.38 ng/ml