

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
 Data File : PL082919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2023 10:41  
 Operator : AR\AJ  
 Sample : PB152904BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 09:01:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.317  | 2.637  | 74702607 | 62402270 | 25.418   | 24.037     |
| 28)                         | SA Decachlor... | 8.732  | 7.741  | 55217187 | 66200700 | 26.327   | 26.624     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.767  | 3.134  | 215.4E6  | 175.2E6  | 48.518   | 46.958     |
| 3)                          | MA gamma-BHC... | 4.095  | 3.460  | 207.6E6  | 169.8E6  | 50.104   | 50.943     |
| 4)                          | MA Heptachlor   | 4.672  | 3.792  | 191.9E6  | 173.1E6  | 50.199   | 47.275     |
| 5)                          | MB Aldrin       | 5.008  | 4.067  | 184.2E6  | 161.8E6  | 52.347   | 49.742     |
| 6)                          | B beta-BHC      | 4.298  | 3.761  | 88044992 | 69320825 | 46.765   | 48.473     |
| 7)                          | B delta-BHC     | 4.539  | 3.986  | 165.3E6  | 132.7E6  | 48.055   | 40.500     |
| 8)                          | B Heptachlo...  | 5.434  | 4.568  | 166.2E6  | 149.9E6  | 51.961   | 50.492     |
| 9)                          | A Endosulfan I  | 5.815  | 4.936  | 150.9E6  | 137.7E6  | 50.294   | 49.291     |
| 10)                         | B gamma-Chl...  | 5.689  | 4.817  | 165.5E6  | 148.3E6  | 52.108   | 49.384     |
| 11)                         | B alpha-Chl...  | 5.766  | 4.880  | 162.6E6  | 148.9E6  | 50.658   | 49.591     |
| 12)                         | B 4,4'-DDE      | 5.946  | 5.071  | 142.7E6  | 126.1E6  | 51.786   | 51.902     |
| 13)                         | MA Dieldrin     | 6.090  | 5.200  | 157.6E6  | 145.1E6  | 52.394   | 51.402     |
| 14)                         | MA Endrin       | 6.316  | 5.474  | 130.9E6  | 124.3E6  | 48.725   | 49.010     |
| 15)                         | B Endosulfa...  | 6.539  | 5.771  | 133.1E6  | 126.1E6  | 50.377   | 50.956     |
| 16)                         | A 4,4'-DDD      | 6.461  | 5.625  | 118.6E6  | 104.9E6  | 54.557   | 54.566     |
| 17)                         | MA 4,4'-DDT     | 6.772  | 5.873  | 117.7E6  | 108.2E6  | 47.024   | 48.488     |
| 18)                         | B Endrin al...  | 6.669  | 5.950  | 108.2E6  | 105.7E6  | 53.802   | 53.458     |
| 19)                         | B Endosulfa...  | 6.903  | 6.173  | 128.4E6  | 121.3E6  | 50.080   | 49.531     |
| 20)                         | A Methoxychlor  | 7.253  | 6.451  | 65074125 | 63163190 | 49.210   | 49.666     |
| 21)                         | B Endrin ke...  | 7.382  | 6.676  | 140.8E6  | 146.5E6  | 55.212   | 54.167     |
| 22)                         | Mirex           | 7.846  | 6.847  | 104.2E6  | 118.3E6  | 49.691   | 50.550     |
| 24)                         | Chlordane-2     | 5.008f | 4.210f | 184.2E6  | 846199   | 1671.811 | 9.505 #    |
| 25)                         | Chlordane-3     | 5.689  | 4.817  | 165.5E6  | 148.3E6  | 399.001  | 556.533 #  |
| 26)                         | Chlordane-4     | 5.766  | 4.880  | 162.6E6  | 148.9E6  | 321.061  | 528.372 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.771  | 0        | 126.1E6  | N.D.     | 1297.785 # |
| -----                       |                 |        |        |          |          |          |            |

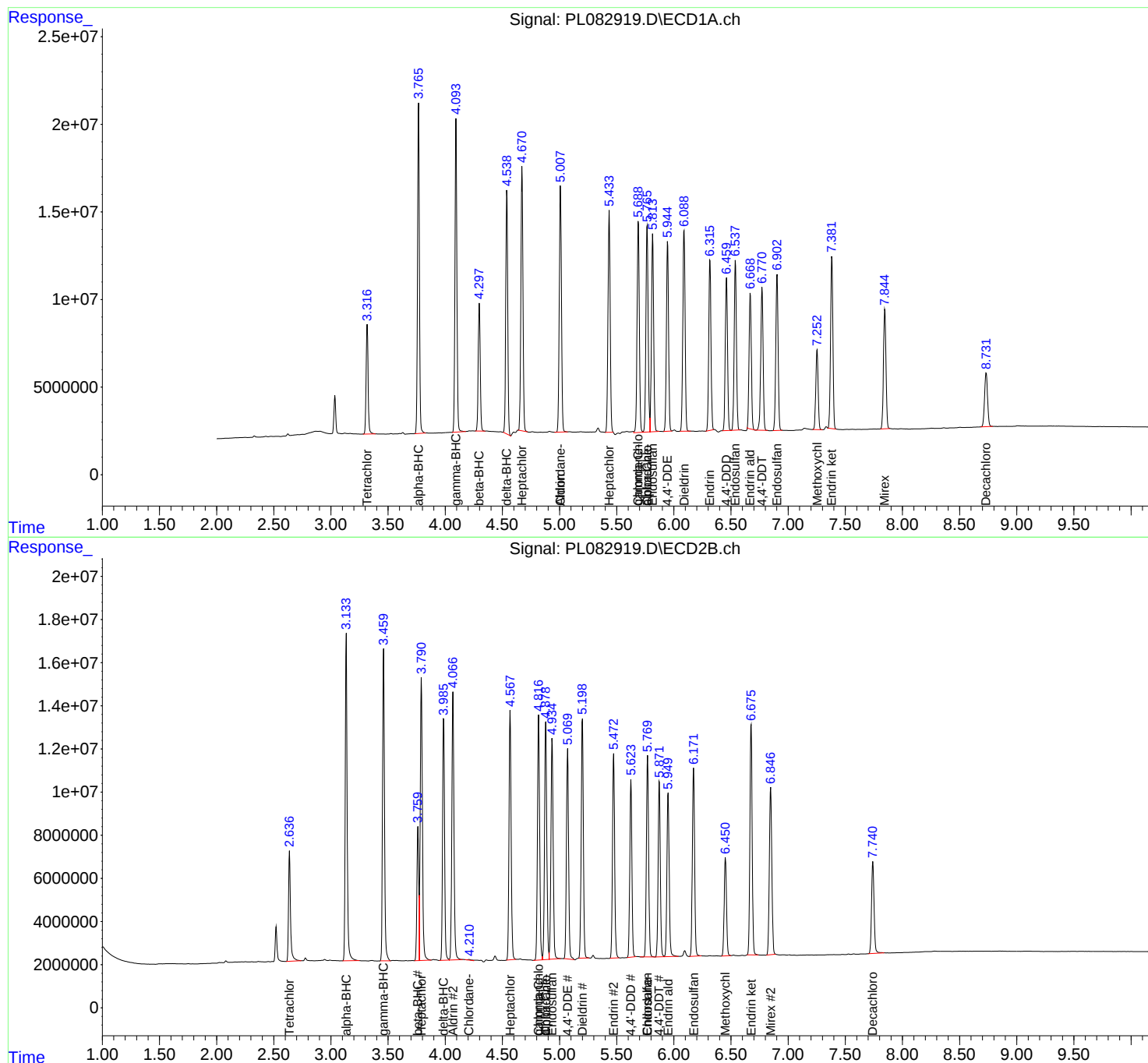
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

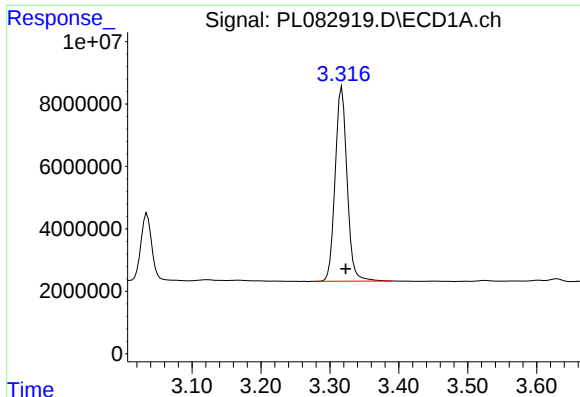
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
Data File : PL082919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2023 10:41  
Operator : AR\AJ  
Sample : PB152904BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 09:01:33 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

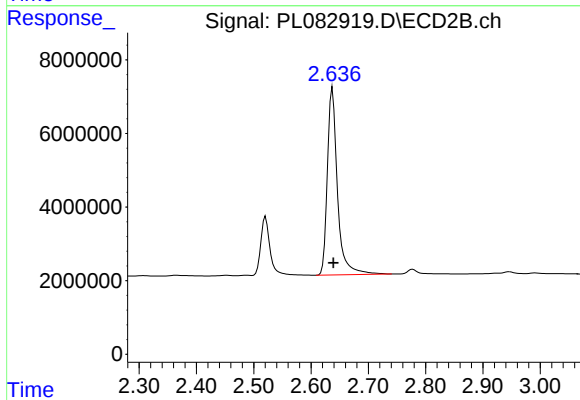




#1 Tetrachloro-m-xylene

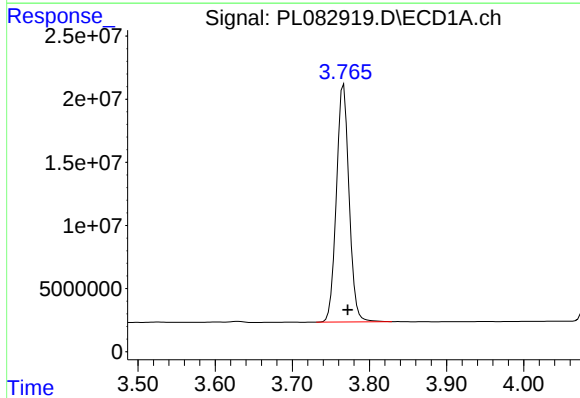
R.T.: 3.317 min  
Delta R.T.: -0.006 min  
Response: 74702607  
Conc: 25.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



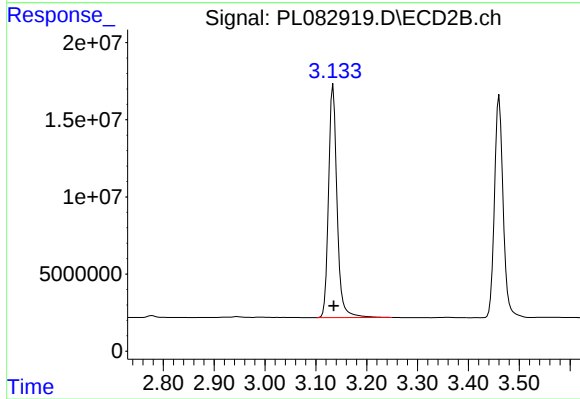
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 62402270  
Conc: 24.04 ng/ml



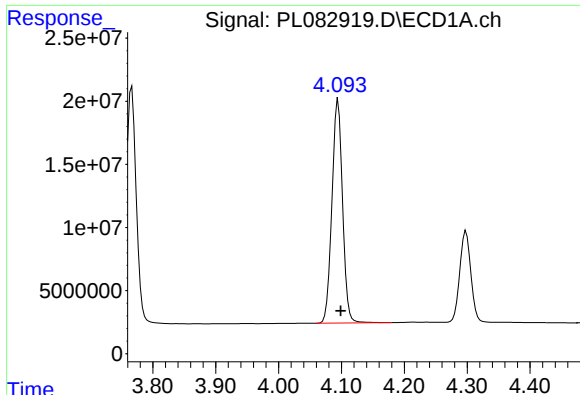
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: -0.005 min  
Response: 215382316  
Conc: 48.52 ng/ml



#2 alpha-BHC

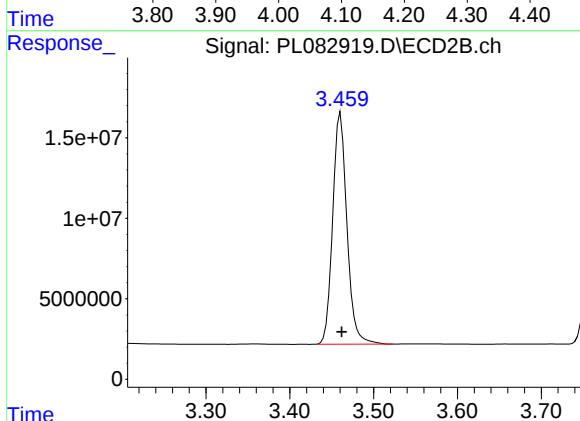
R.T.: 3.134 min  
Delta R.T.: -0.001 min  
Response: 175222800  
Conc: 46.96 ng/ml



#3 gamma-BHC (Lindane)

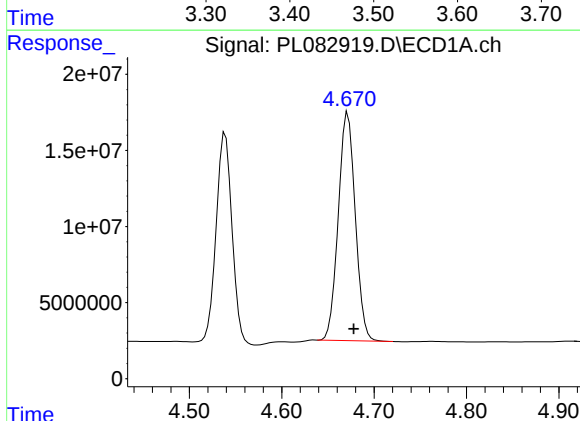
R.T.: 4.095 min  
Delta R.T.: -0.004 min  
Response: 207576090  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



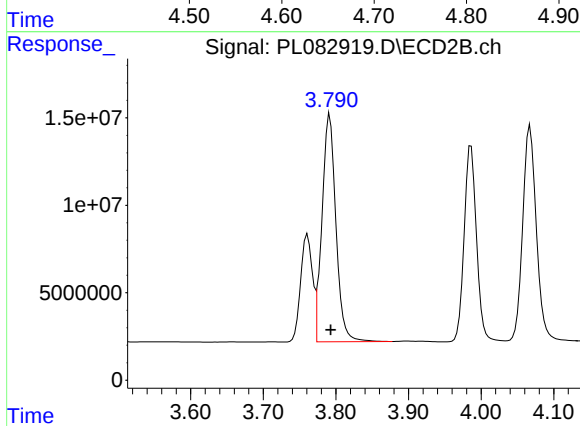
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: -0.001 min  
Response: 169808185  
Conc: 50.94 ng/ml



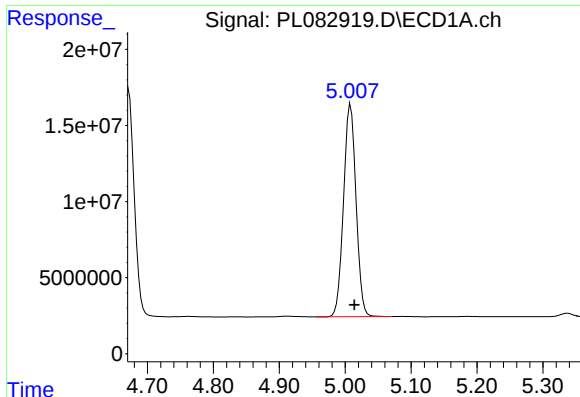
#4 Heptachlor

R.T.: 4.672 min  
Delta R.T.: -0.006 min  
Response: 191883251  
Conc: 50.20 ng/ml



#4 Heptachlor

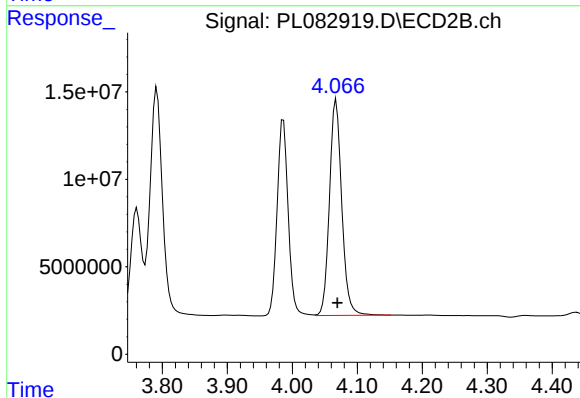
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 173076712  
Conc: 47.27 ng/ml



#5 Aldrin

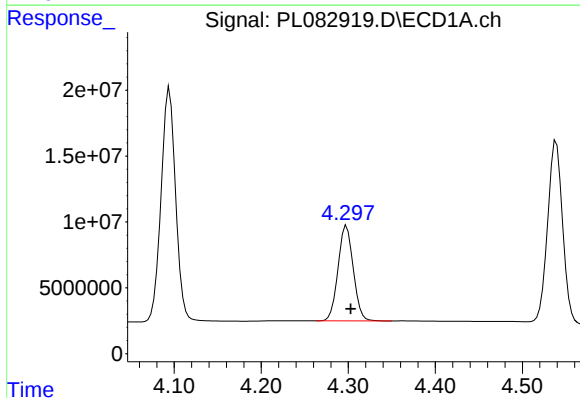
R.T.: 5.008 min  
Delta R.T.: -0.006 min  
Response: 184163563  
Conc: 52.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



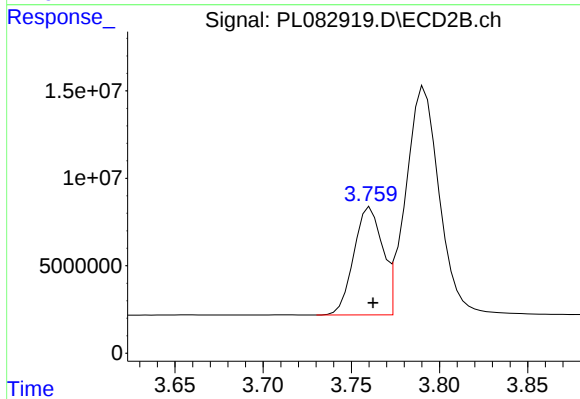
#5 Aldrin

R.T.: 4.067 min  
Delta R.T.: -0.002 min  
Response: 161840091  
Conc: 49.74 ng/ml



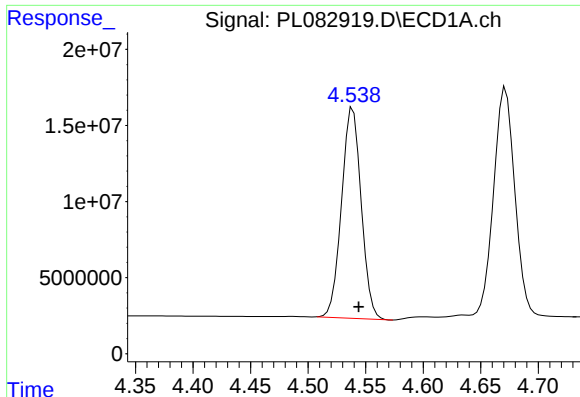
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: -0.005 min  
Response: 88044992  
Conc: 46.76 ng/ml



#6 beta-BHC

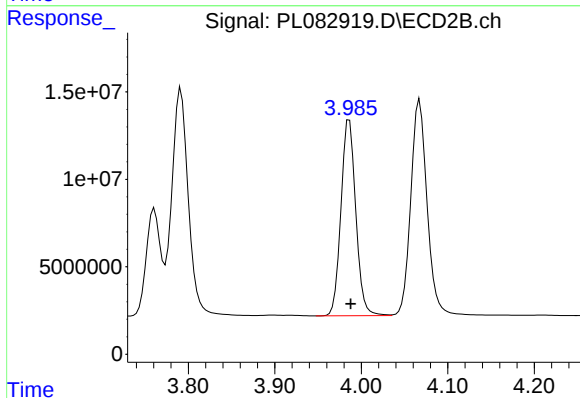
R.T.: 3.761 min  
Delta R.T.: -0.001 min  
Response: 69320825  
Conc: 48.47 ng/ml



#7 delta-BHC

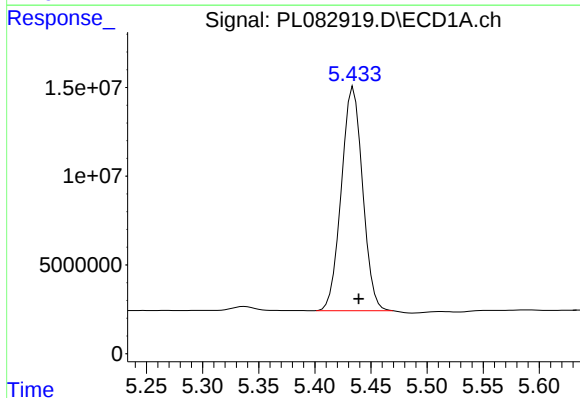
R.T.: 4.539 min  
Delta R.T.: -0.005 min  
Response: 165256015  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



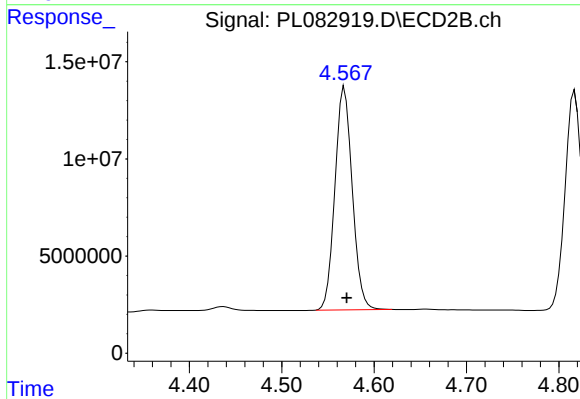
#7 delta-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 132696804  
Conc: 40.50 ng/ml



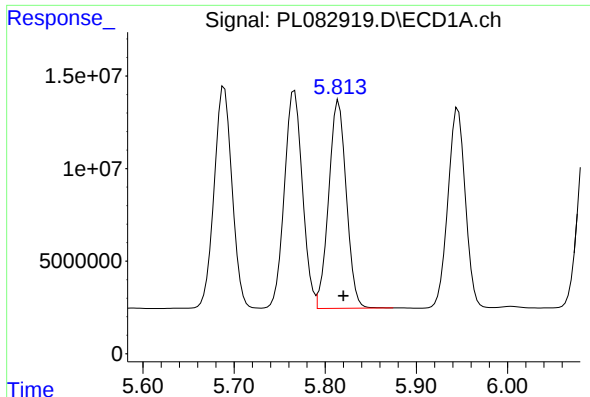
#8 Heptachlor epoxide

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 166208536  
Conc: 51.96 ng/ml



#8 Heptachlor epoxide

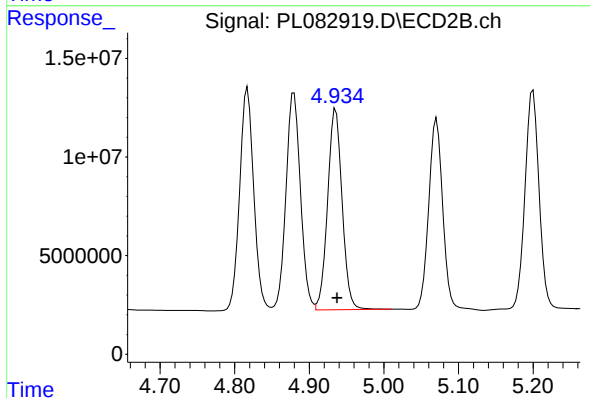
R.T.: 4.568 min  
Delta R.T.: -0.002 min  
Response: 149855997  
Conc: 50.49 ng/ml



#9 Endosulfan I

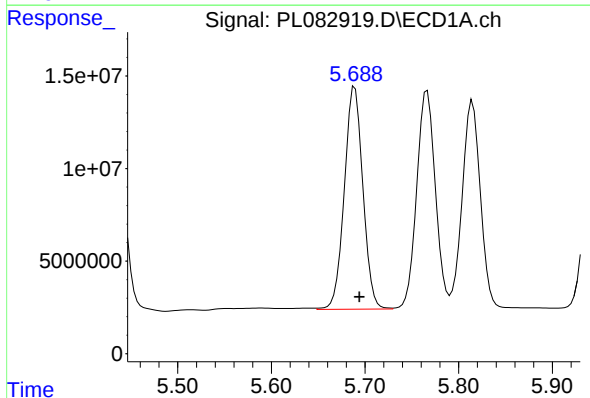
R.T.: 5.815 min  
Delta R.T.: -0.005 min  
Response: 150910880  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



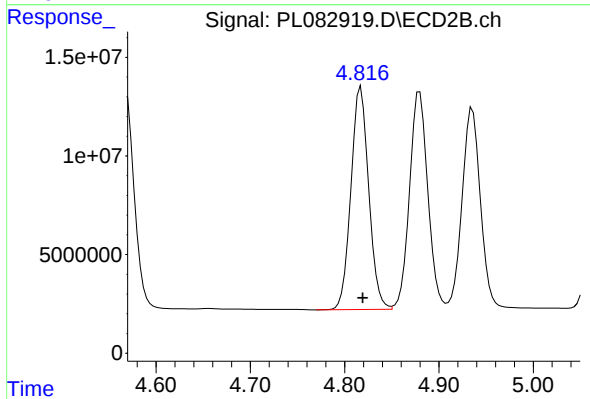
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: -0.002 min  
Response: 137737561  
Conc: 49.29 ng/ml



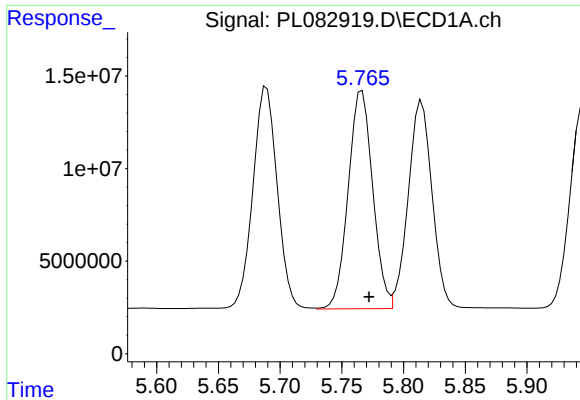
#10 gamma-Chlordane

R.T.: 5.689 min  
Delta R.T.: -0.005 min  
Response: 165546667  
Conc: 52.11 ng/ml



#10 gamma-Chlordane

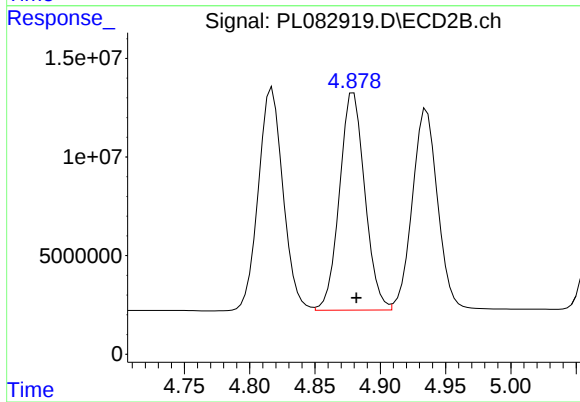
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 148318664  
Conc: 49.38 ng/ml



#11 alpha-Chlordane

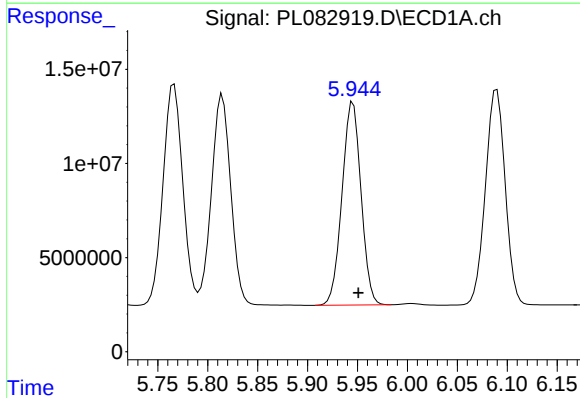
R.T.: 5.766 min  
Delta R.T.: -0.006 min  
Response: 162577851  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



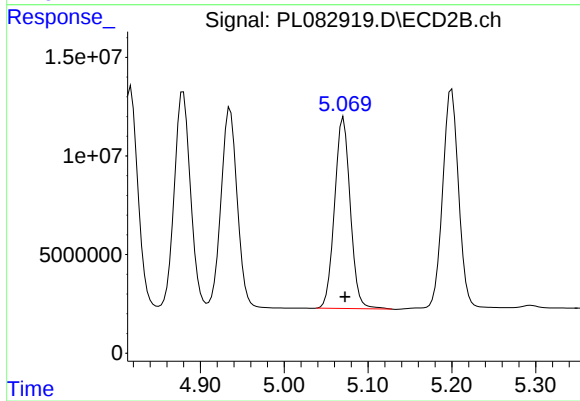
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.002 min  
Response: 148869564  
Conc: 49.59 ng/ml



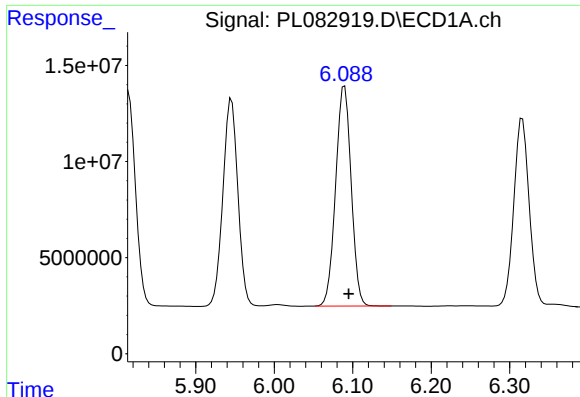
#12 4,4'-DDE

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 142747433  
Conc: 51.79 ng/ml



#12 4,4'-DDE

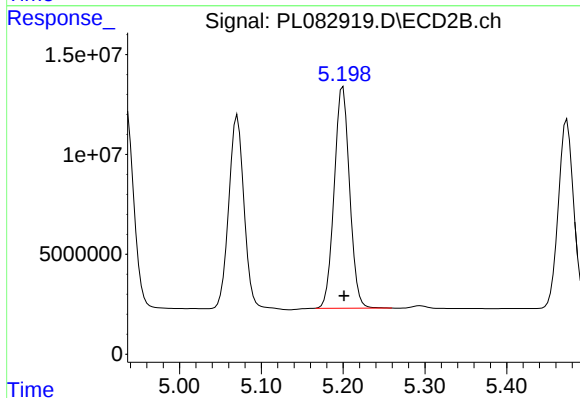
R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 126057398  
Conc: 51.90 ng/ml



#13 Dieldrin

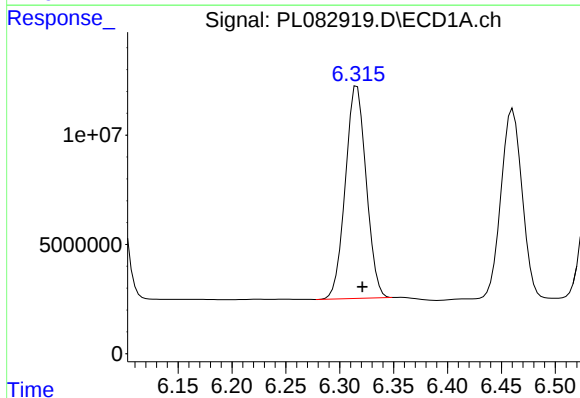
R.T.: 6.090 min  
Delta R.T.: -0.005 min  
Response: 157593938  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



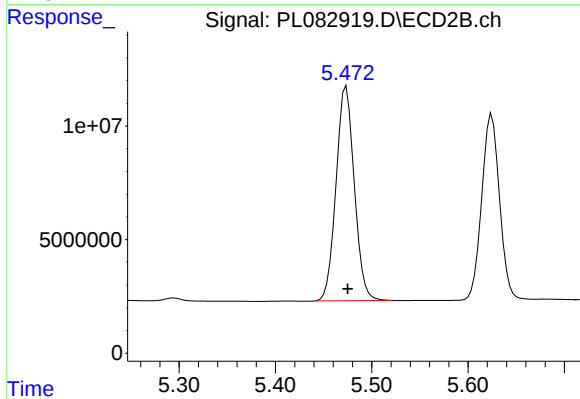
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 145104117  
Conc: 51.40 ng/ml



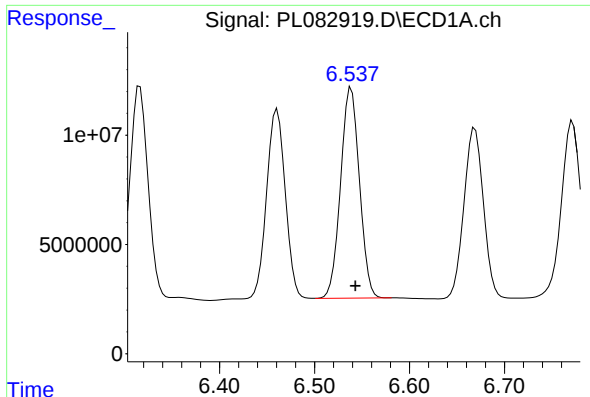
#14 Endrin

R.T.: 6.316 min  
Delta R.T.: -0.005 min  
Response: 130935289  
Conc: 48.72 ng/ml



#14 Endrin

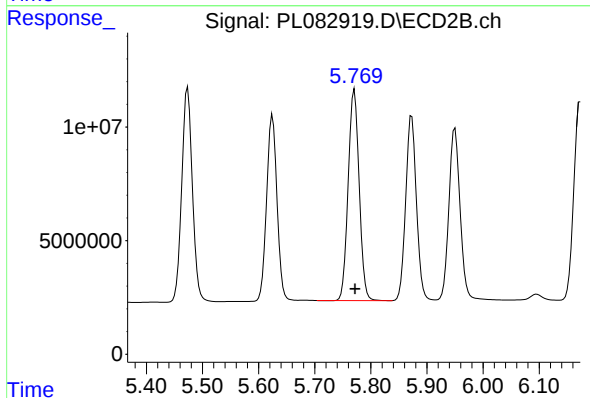
R.T.: 5.474 min  
Delta R.T.: -0.001 min  
Response: 124336911  
Conc: 49.01 ng/ml



#15 Endosulfan II

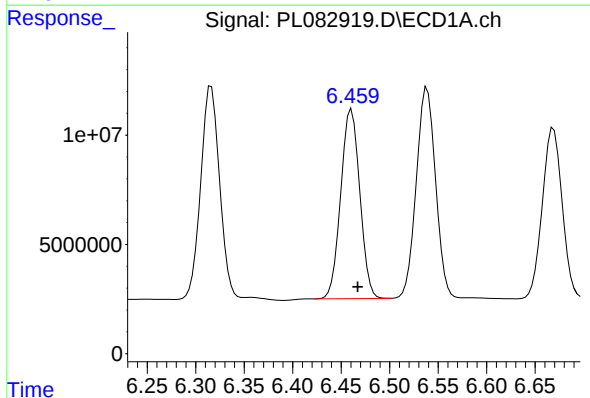
R.T.: 6.539 min  
Delta R.T.: -0.004 min  
Response: 133130900  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



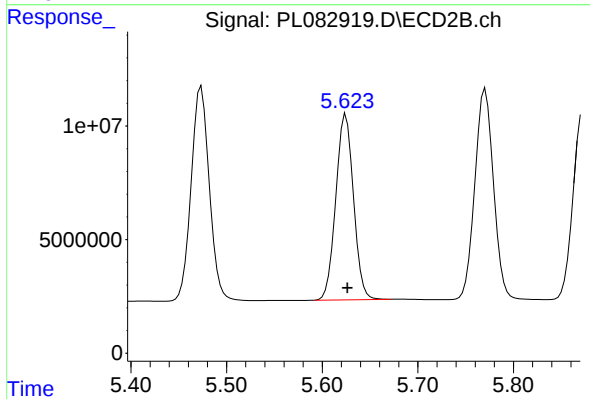
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 126074986  
Conc: 50.96 ng/ml



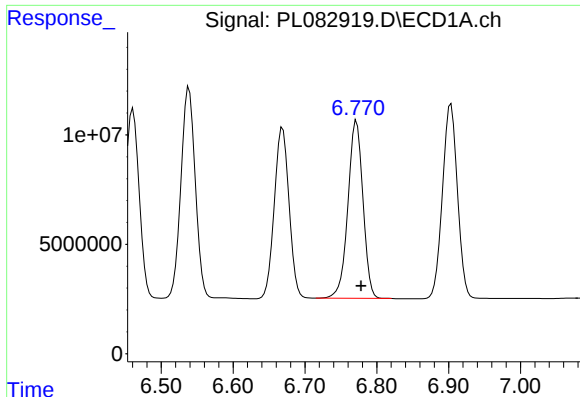
#16 4,4'-DDD

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 118556160  
Conc: 54.56 ng/ml



#16 4,4'-DDD

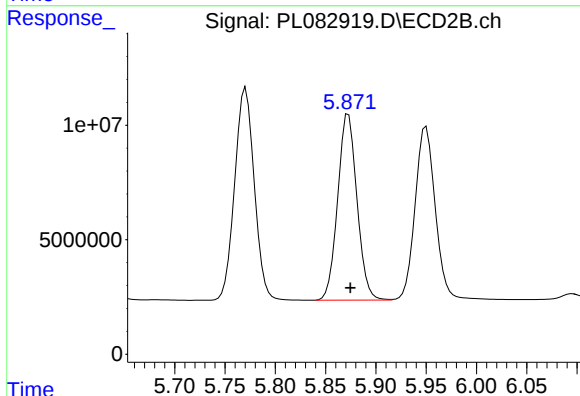
R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 104943017  
Conc: 54.57 ng/ml



#17 4,4'-DDT

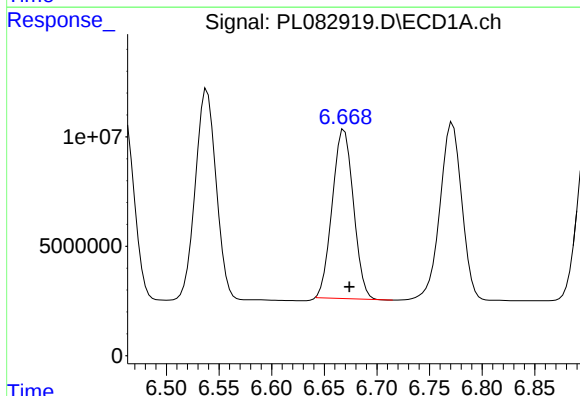
R.T.: 6.772 min  
Delta R.T.: -0.006 min  
Response: 117710387  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



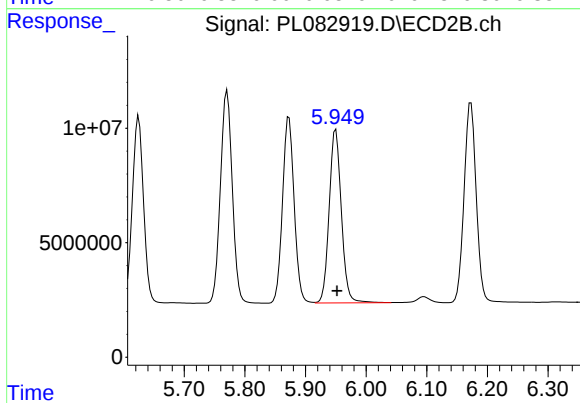
#17 4,4'-DDT

R.T.: 5.873 min  
Delta R.T.: -0.002 min  
Response: 108178349  
Conc: 48.49 ng/ml



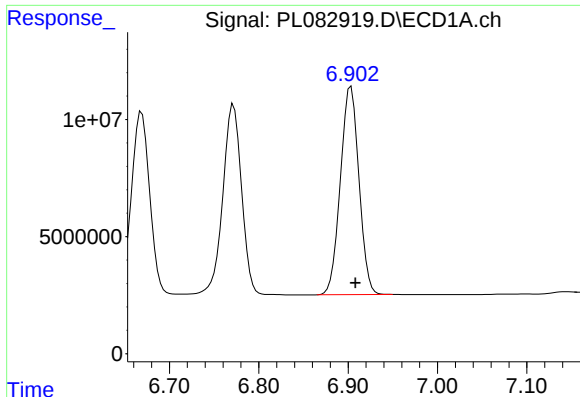
#18 Endrin aldehyde

R.T.: 6.669 min  
Delta R.T.: -0.005 min  
Response: 108177180  
Conc: 53.80 ng/ml



#18 Endrin aldehyde

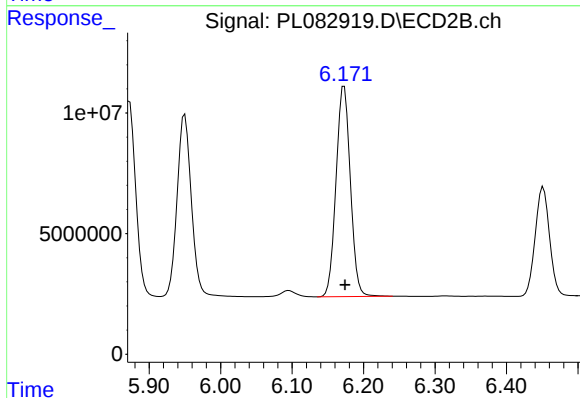
R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 105711578  
Conc: 53.46 ng/ml



#19 Endosulfan Sulfate

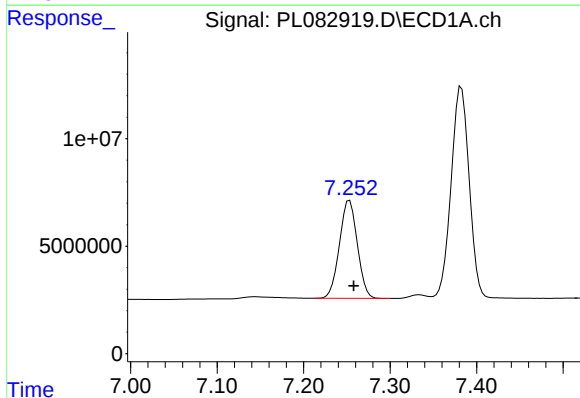
R.T.: 6.903 min  
Delta R.T.: -0.005 min  
Response: 128390071  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



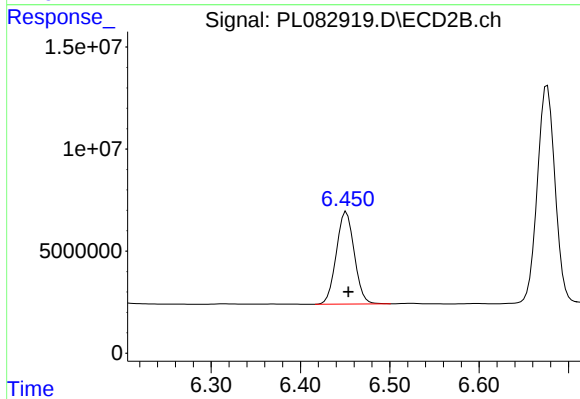
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 121300837  
Conc: 49.53 ng/ml



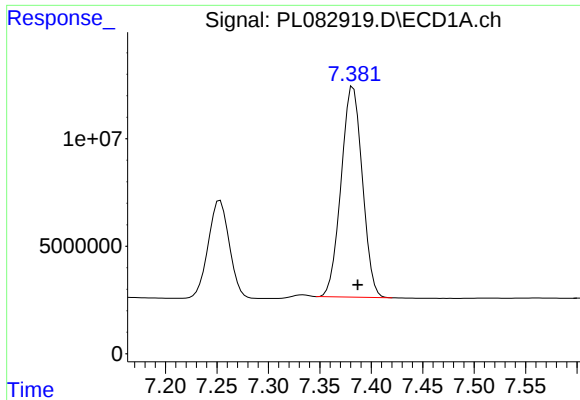
#20 Methoxychlor

R.T.: 7.253 min  
Delta R.T.: -0.005 min  
Response: 65074125  
Conc: 49.21 ng/ml



#20 Methoxychlor

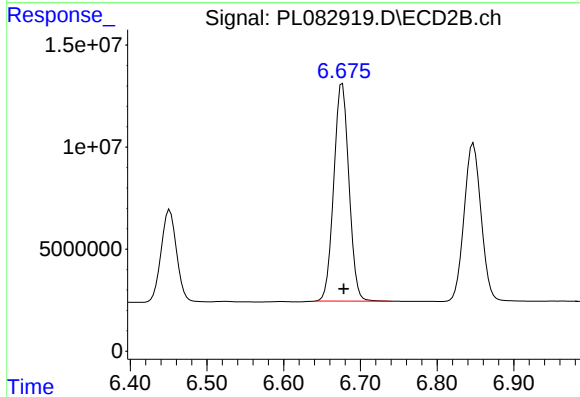
R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 63163190  
Conc: 49.67 ng/ml



#21 Endrin ketone

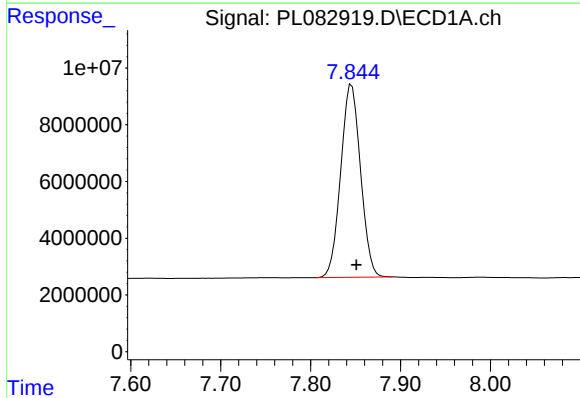
R.T.: 7.382 min  
Delta R.T.: -0.005 min  
Response: 140835163  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



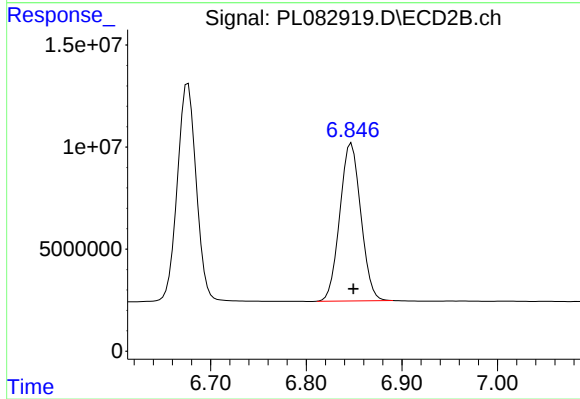
#21 Endrin ketone

R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 146458799  
Conc: 54.17 ng/ml



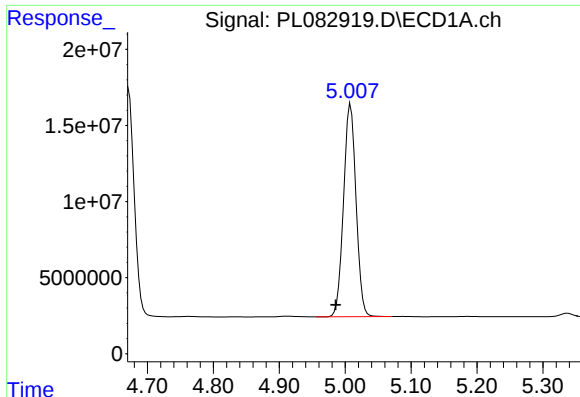
#22 Mirex

R.T.: 7.846 min  
Delta R.T.: -0.005 min  
Response: 104153766  
Conc: 49.69 ng/ml



#22 Mirex

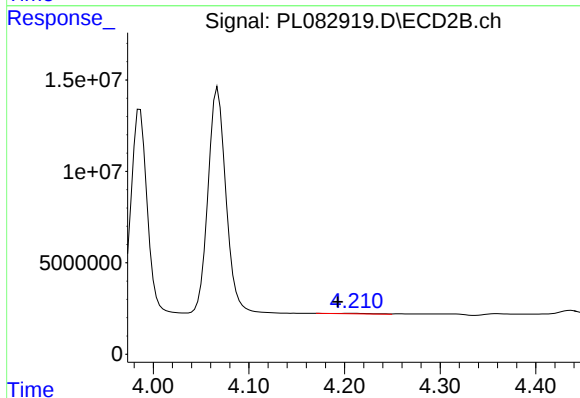
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 118278846  
Conc: 50.55 ng/ml



#24 Chlordane-2

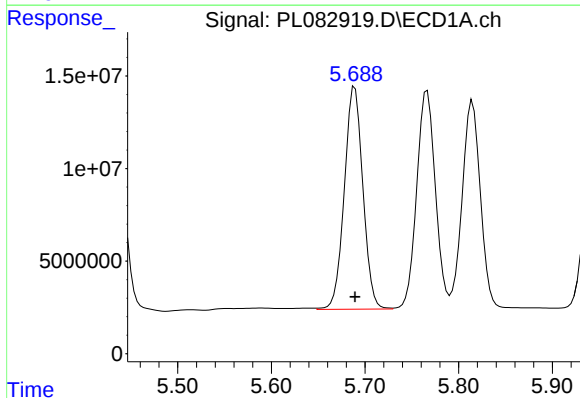
R.T.: 5.008 min  
Delta R.T.: 0.023 min  
Response: 184163563  
Conc: 1671.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



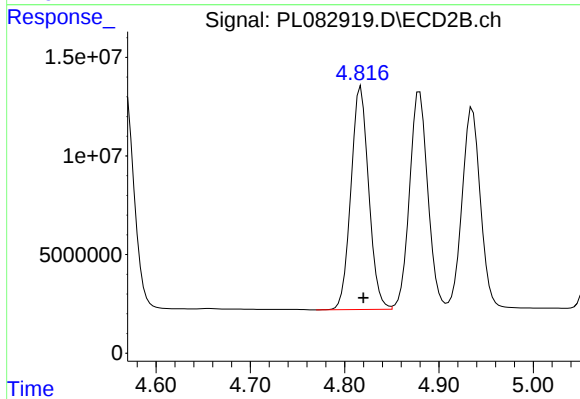
#24 Chlordane-2

R.T.: 4.210 min  
Delta R.T.: 0.016 min  
Response: 846199  
Conc: 9.50 ng/ml



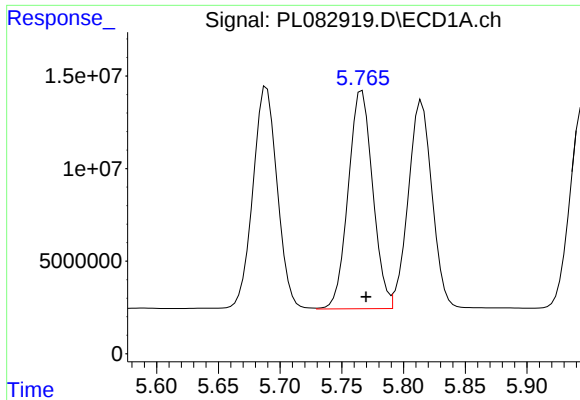
#25 Chlordane-3

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 165546667  
Conc: 399.00 ng/ml



#25 Chlordane-3

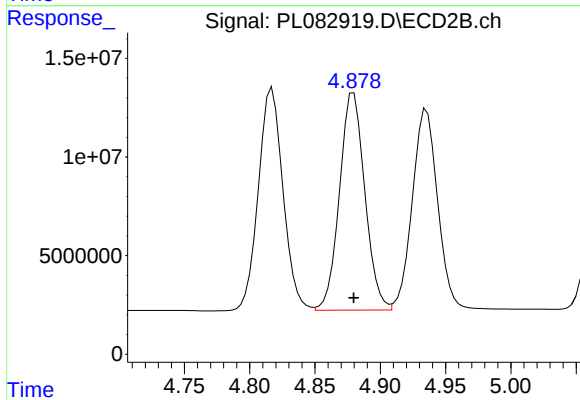
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 148318664  
Conc: 556.53 ng/ml



#26 Chlordane-4

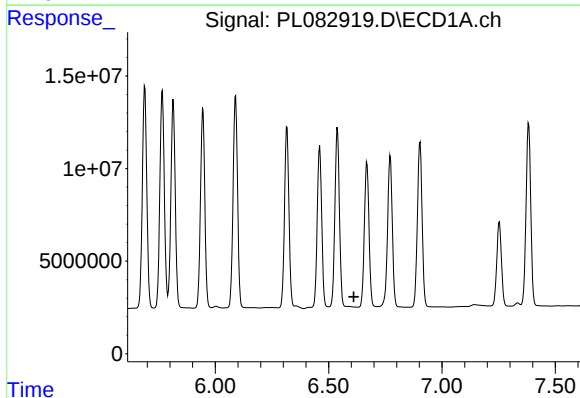
R.T.: 5.766 min  
Delta R.T.: -0.003 min  
Response: 162577851  
Conc: 321.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



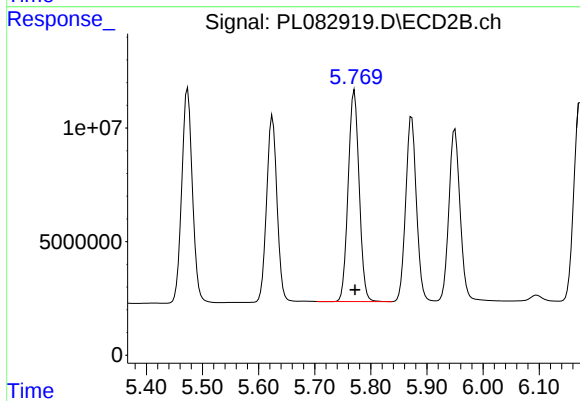
#26 Chlordane-4

R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 148869564  
Conc: 528.37 ng/ml



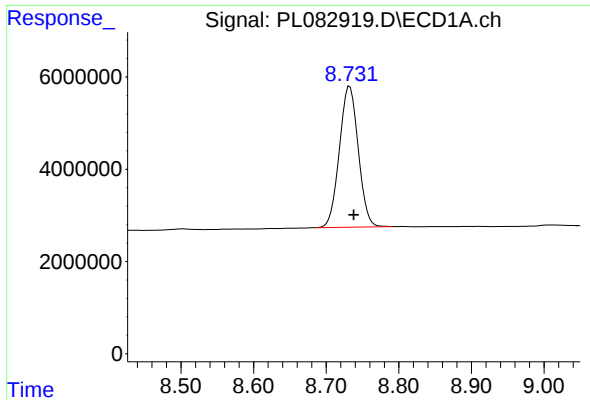
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

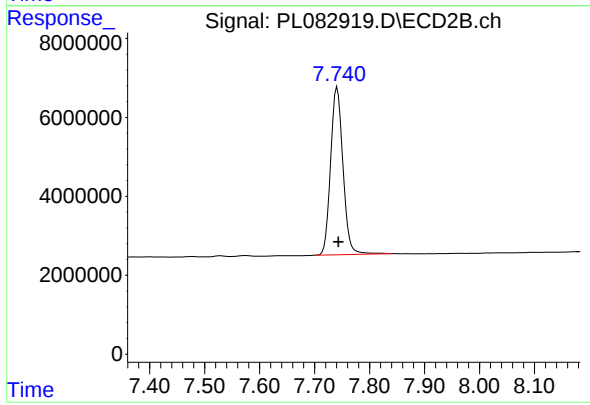
R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 126074986  
Conc: 1297.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.732 min  
Delta R.T.: -0.006 min  
Response: 55217187  
Conc: 26.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.741 min  
Delta R.T.: -0.002 min  
Response: 66200700  
Conc: 26.62 ng/ml