

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
 Data File : PL082299.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2023 15:53  
 Operator : AR\AJ  
 Sample : PB152348BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 22:39:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.323  | 2.648 | 58457485 | 50245455 | 21.884   | 21.688     |
| 28)                         | SA Decachlor... | 8.742  | 7.759 | 47808452 | 53448804 | 25.043   | 23.417     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.773  | 3.146 | 186.0E6  | 157.1E6  | 46.739   | 46.161     |
| 3)                          | MA gamma-BHC... | 4.101  | 3.472 | 174.8E6  | 147.4E6  | 46.756   | 45.851     |
| 4)                          | MA Heptachlor   | 4.679  | 3.804 | 169.9E6  | 154.4E6  | 46.510   | 45.117     |
| 5)                          | MB Aldrin       | 5.016  | 4.081 | 161.5E6  | 150.6E6  | 48.976   | 47.803     |
| 6)                          | B beta-BHC      | 4.304  | 3.772 | 74415984 | 59747010 | 43.633   | 43.790     |
| 7)                          | B delta-BHC     | 4.545  | 3.998 | 171.8E6  | 143.1E6  | 47.762   | 46.667     |
| 8)                          | B Heptachlo...  | 5.442  | 4.583 | 144.2E6  | 135.0E6  | 47.266   | 46.853     |
| 9)                          | A Endosulfan I  | 5.822  | 4.950 | 131.8E6  | 123.7E6  | 47.518   | 46.353     |
| 10)                         | B gamma-Chl...  | 5.696  | 4.831 | 148.3E6  | 136.0E6  | 49.304   | 46.869     |
| 11)                         | B alpha-Chl...  | 5.774  | 4.894 | 143.5E6  | 134.8E6  | 48.065   | 46.431     |
| 12)                         | B 4,4'-DDE      | 5.953  | 5.085 | 126.5E6  | 111.9E6  | 49.764   | 48.674     |
| 13)                         | MA Dieldrin     | 6.097  | 5.214 | 138.6E6  | 130.6E6  | 50.215   | 48.359     |
| 14)                         | MA Endrin       | 6.324  | 5.488 | 119.5E6  | 115.2E6  | 49.291   | 47.100     |
| 15)                         | B Endosulfa...  | 6.546  | 5.785 | 117.9E6  | 113.5E6  | 48.408   | 50.363     |
| 16)                         | A 4,4'-DDD      | 6.468  | 5.639 | 102.6E6  | 91939574 | 50.603   | 49.155     |
| 17)                         | MA 4,4'-DDT     | 6.779  | 5.888 | 103.9E6  | 97367809 | 45.422   | 46.089     |
| 18)                         | B Endrin al...  | 6.676  | 5.965 | 97266622 | 93987956 | 51.623   | 50.224     |
| 19)                         | B Endosulfa...  | 6.910  | 6.188 | 117.8E6  | 112.6E6  | 49.692   | 47.820     |
| 20)                         | A Methoxychlor  | 7.260  | 6.467 | 57344517 | 55734673 | 46.991   | 45.992     |
| 21)                         | B Endrin ke...  | 7.391  | 6.692 | 119.7E6  | 125.0E6  | 49.971   | 49.253     |
| 22)                         | Mirex           | 7.854  | 6.864 | 94756424 | 105.9E6  | 48.436   | 45.973     |
| 23)                         | Chlordane-1     | 0.000  | 3.628 | 0        | 75290    | N.D.     | 0.849 #    |
| 24)                         | Chlordane-2     | 5.016f | 4.218 | 161.5E6  | 1506381  | 1356.564 | 13.433 #   |
| 25)                         | Chlordane-3     | 5.696  | 4.831 | 148.3E6  | 136.0E6  | 343.409  | 478.712 #  |
| 26)                         | Chlordane-4     | 5.774  | 4.894 | 143.5E6  | 134.8E6  | 275.920  | 451.666 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.785 | 0        | 113.5E6  | N.D.     | 1150.035 # |
| -----                       |                 |        |       |          |          |          |            |

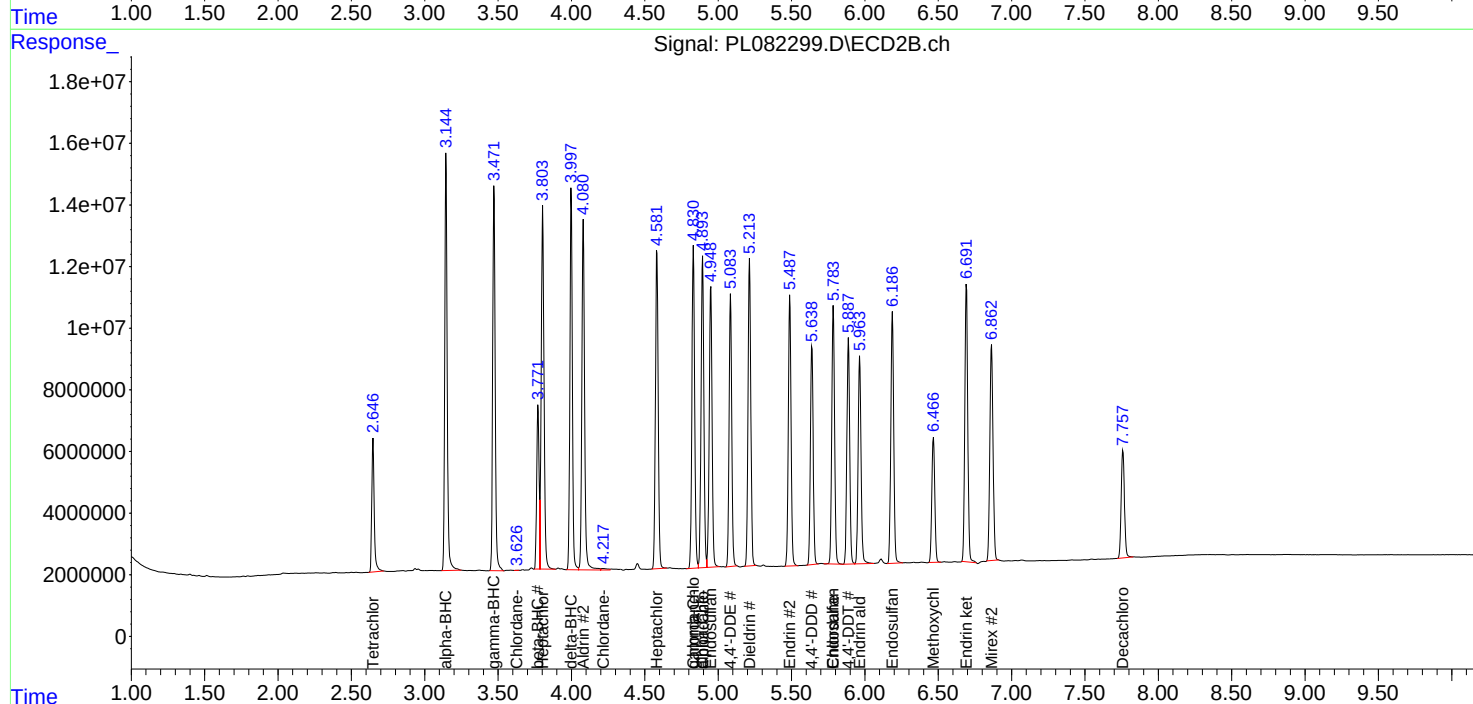
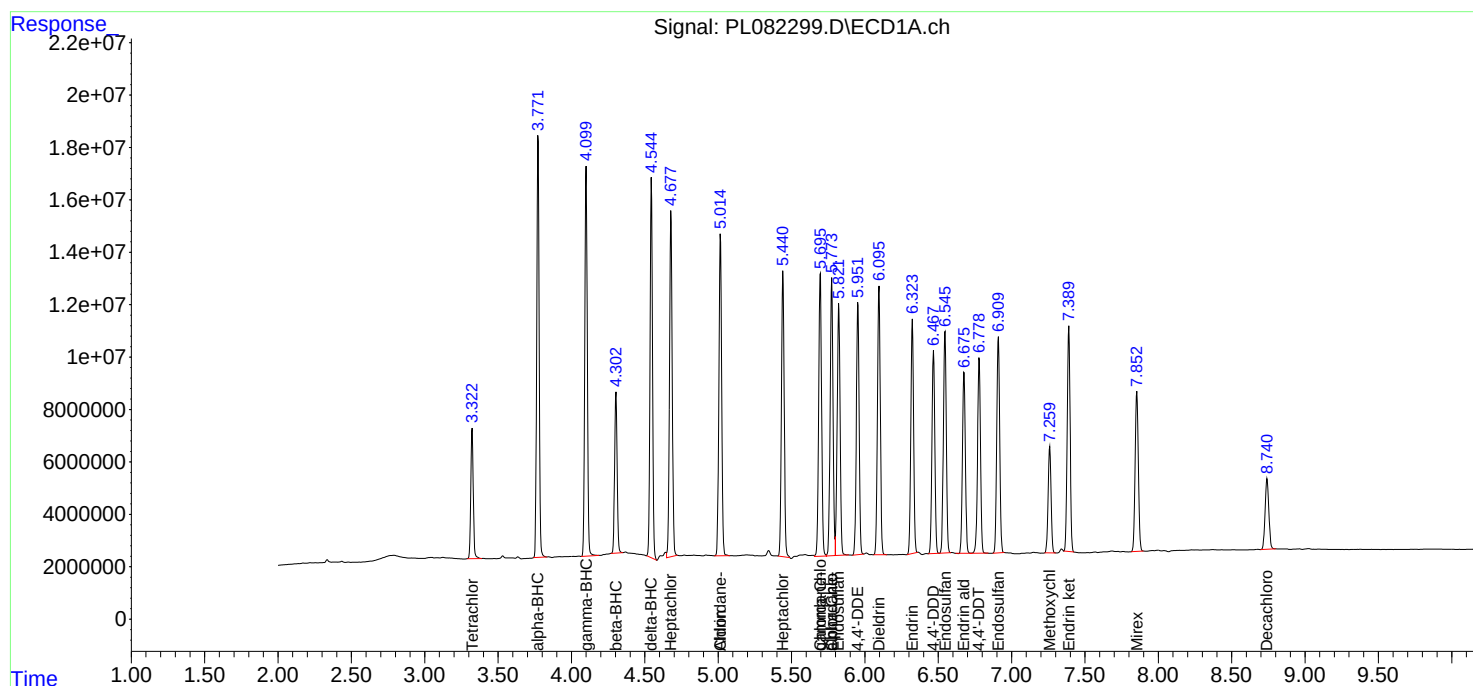
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

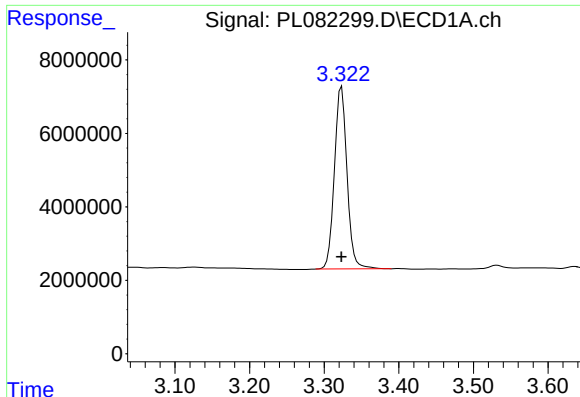
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
Data File : PL082299.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2023 15:53  
Operator : AR\AJ  
Sample : PB152348BS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 22:39:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

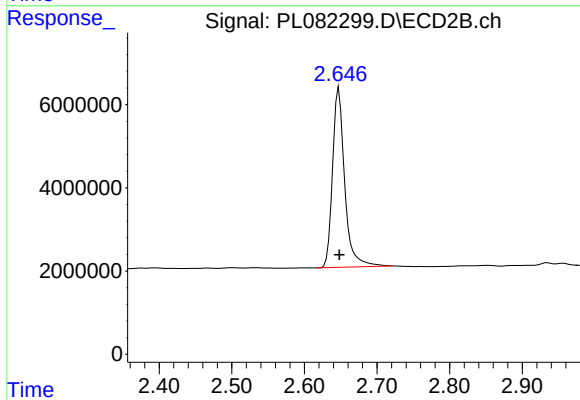




#1 Tetrachloro-m-xylene

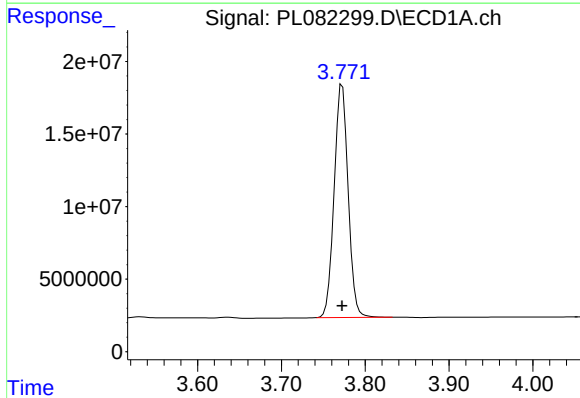
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 58457485  
Conc: 21.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



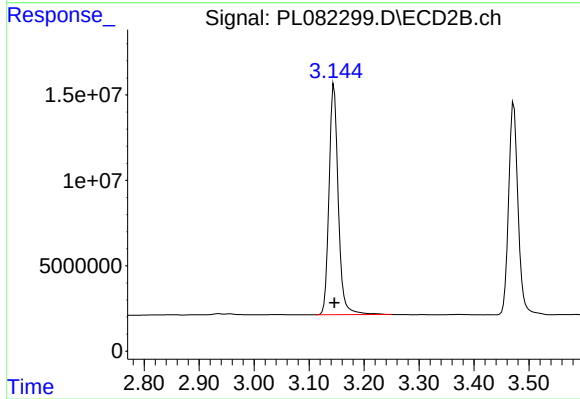
#1 Tetrachloro-m-xylene

R.T.: 2.648 min  
Delta R.T.: 0.000 min  
Response: 50245455  
Conc: 21.69 ng/ml



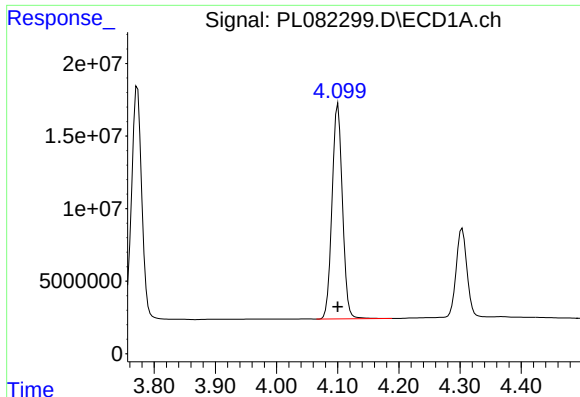
#2 alpha-BHC

R.T.: 3.773 min  
Delta R.T.: 0.000 min  
Response: 186032161  
Conc: 46.74 ng/ml



#2 alpha-BHC

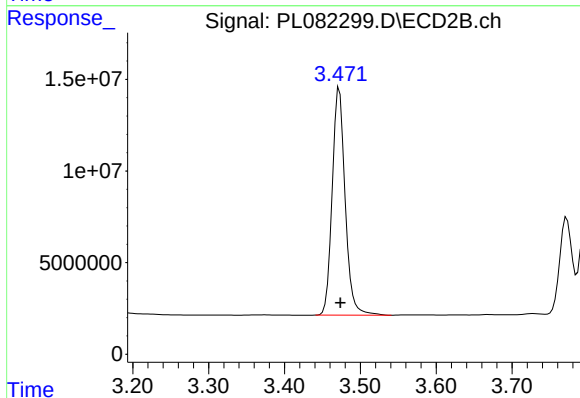
R.T.: 3.146 min  
Delta R.T.: 0.000 min  
Response: 157106415  
Conc: 46.16 ng/ml



#3 gamma-BHC (Lindane)

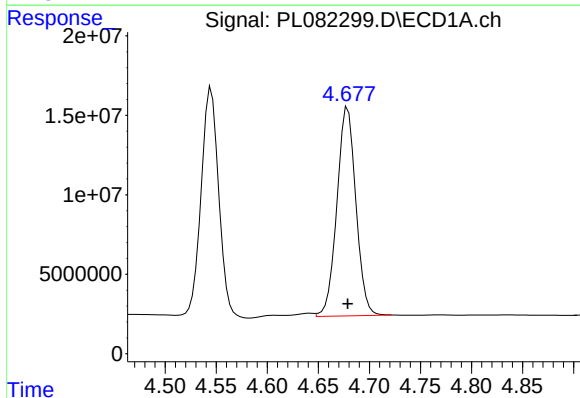
R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 174817804  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



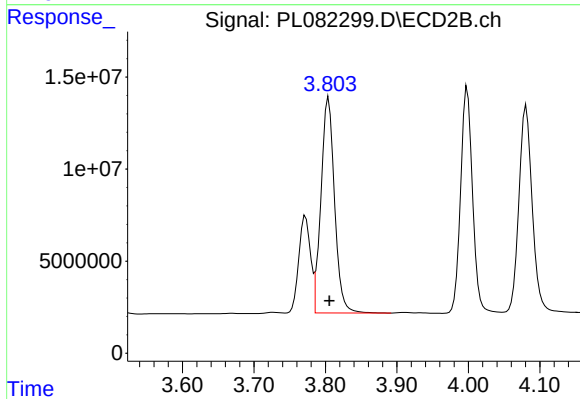
#3 gamma-BHC (Lindane)

R.T.: 3.472 min  
Delta R.T.: -0.001 min  
Response: 147423234  
Conc: 45.85 ng/ml



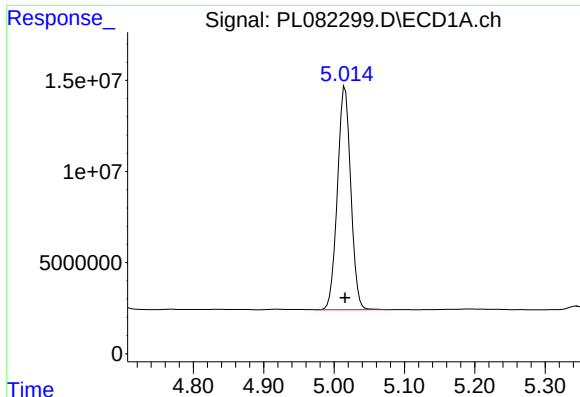
#4 Heptachlor

R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 169943358  
Conc: 46.51 ng/ml



#4 Heptachlor

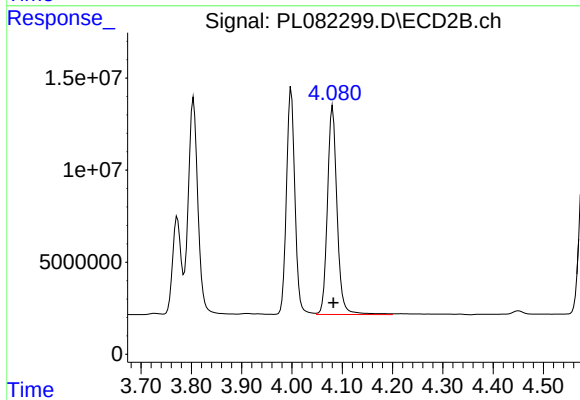
R.T.: 3.804 min  
Delta R.T.: -0.001 min  
Response: 154446350  
Conc: 45.12 ng/ml



#5 Aldrin

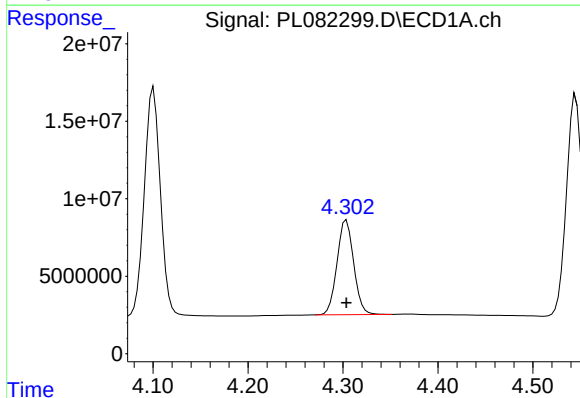
R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 161502314  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



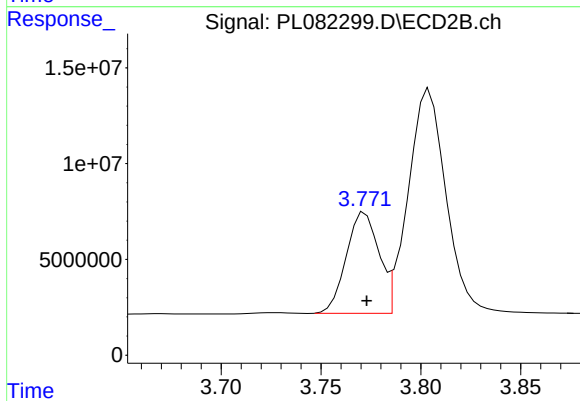
#5 Aldrin

R.T.: 4.081 min  
Delta R.T.: -0.001 min  
Response: 150571672  
Conc: 47.80 ng/ml



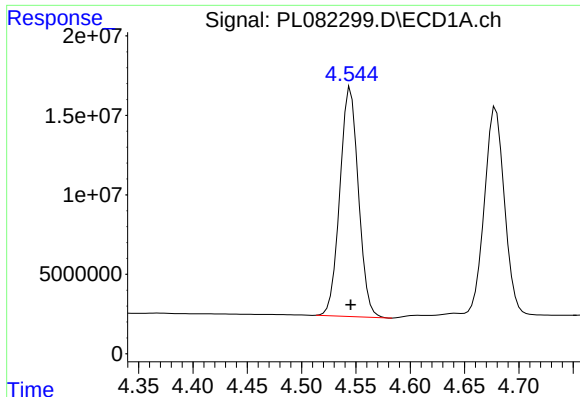
#6 beta-BHC

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 74415984  
Conc: 43.63 ng/ml



#6 beta-BHC

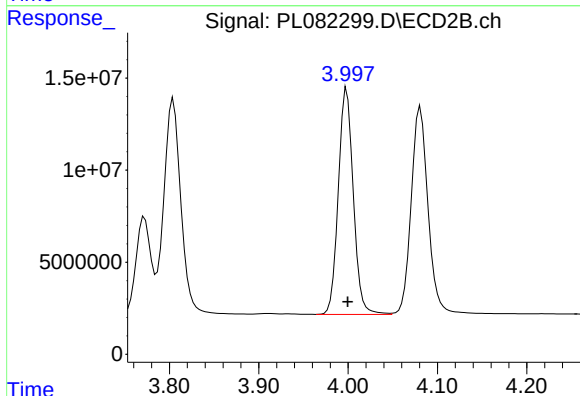
R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 59747010  
Conc: 43.79 ng/ml



#7 delta-BHC

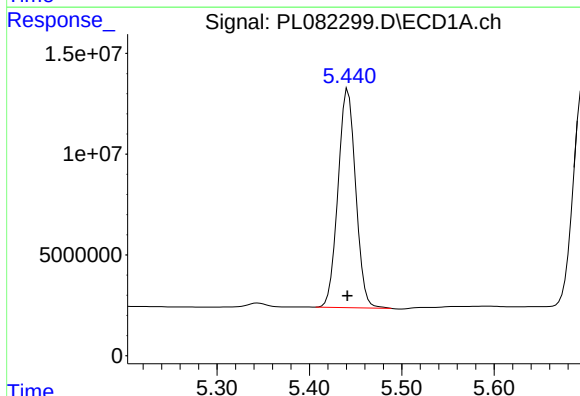
R.T.: 4.545 min  
Delta R.T.: 0.000 min  
Response: 171838486  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



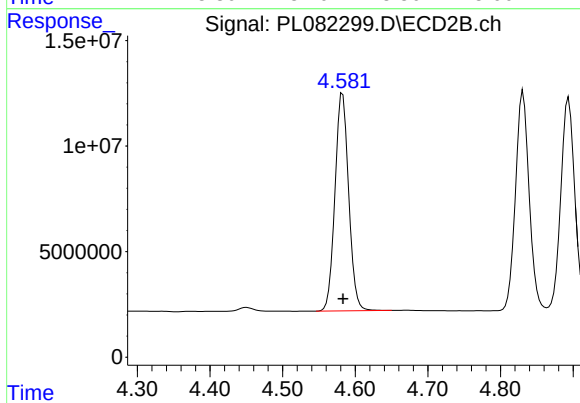
#7 delta-BHC

R.T.: 3.998 min  
Delta R.T.: -0.001 min  
Response: 143146295  
Conc: 46.67 ng/ml



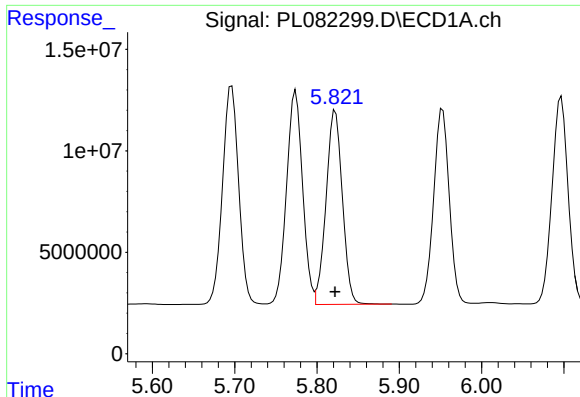
#8 Heptachlor epoxide

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 144176412  
Conc: 47.27 ng/ml



#8 Heptachlor epoxide

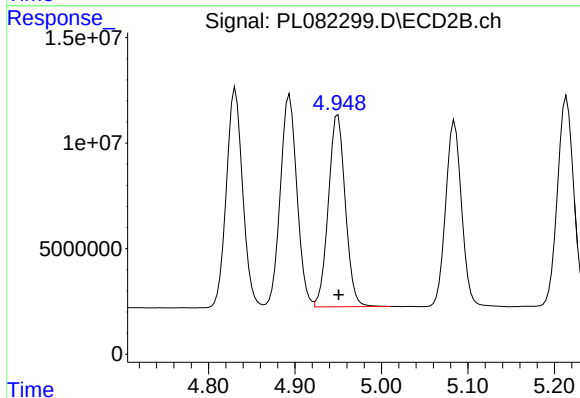
R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 134978897  
Conc: 46.85 ng/ml



#9 Endosulfan I

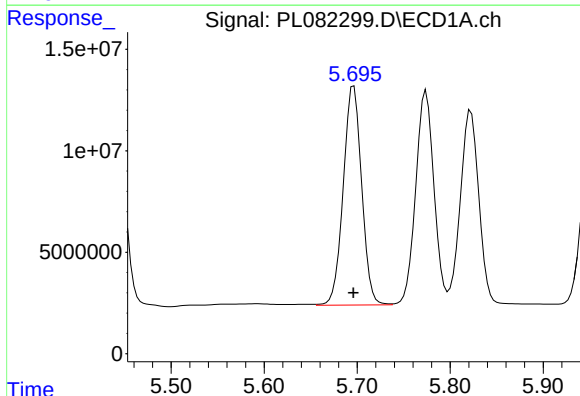
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 131753618  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



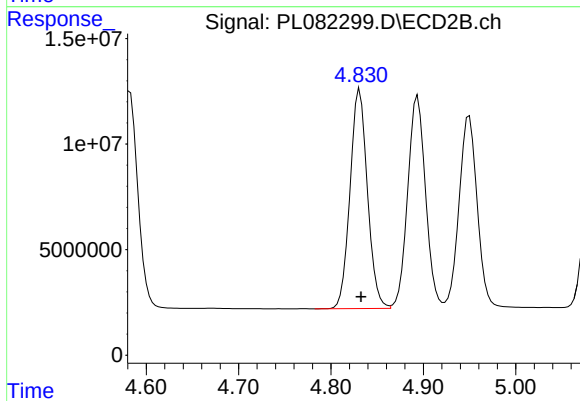
#9 Endosulfan I

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 123736408  
Conc: 46.35 ng/ml



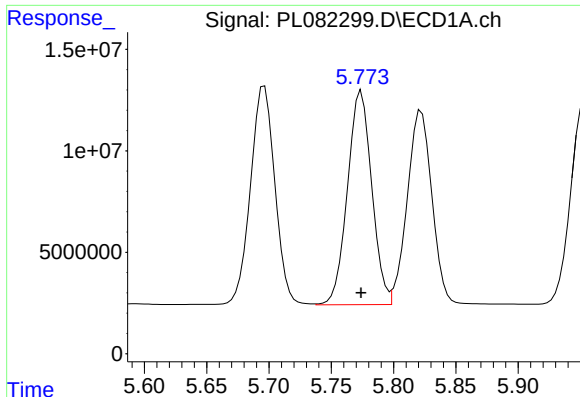
#10 gamma-Chlordane

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 148250884  
Conc: 49.30 ng/ml



#10 gamma-Chlordane

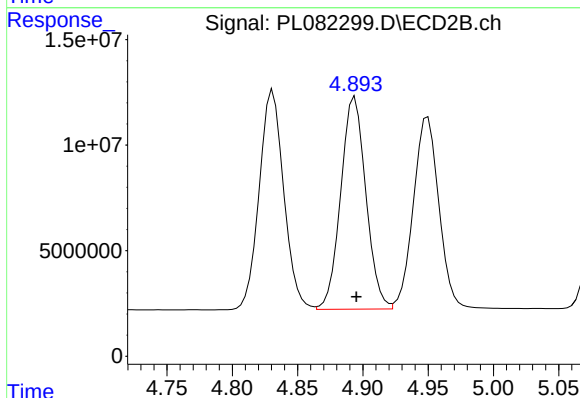
R.T.: 4.831 min  
Delta R.T.: -0.001 min  
Response: 136006661  
Conc: 46.87 ng/ml



#11 alpha-Chlordane

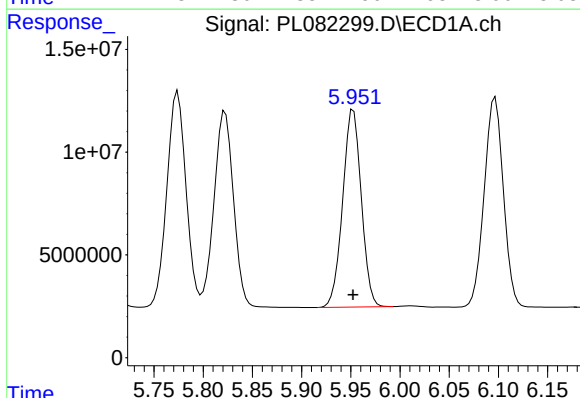
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 143455146  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



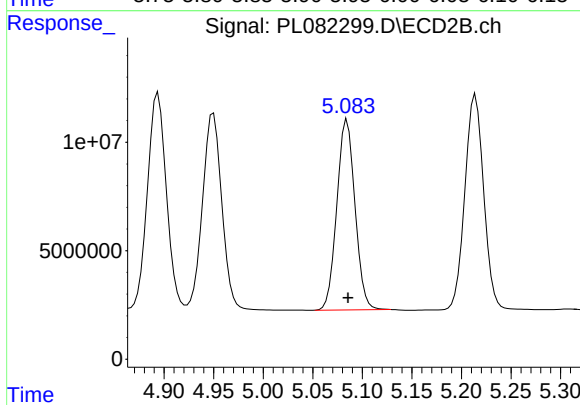
#11 alpha-Chlordane

R.T.: 4.894 min  
Delta R.T.: -0.001 min  
Response: 134780223  
Conc: 46.43 ng/ml



#12 4,4'-DDE

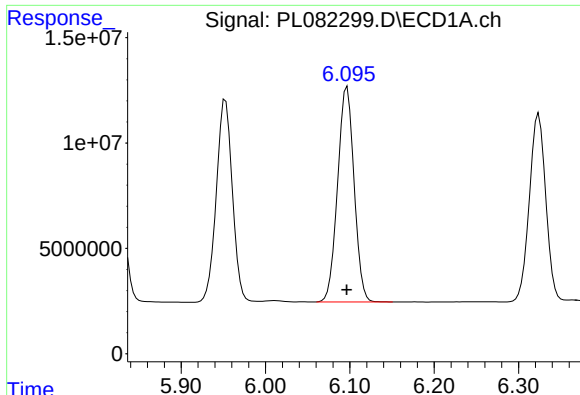
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 126503023  
Conc: 49.76 ng/ml



#12 4,4'-DDE

R.T.: 5.085 min  
Delta R.T.: 0.000 min  
Response: 111900408  
Conc: 48.67 ng/ml

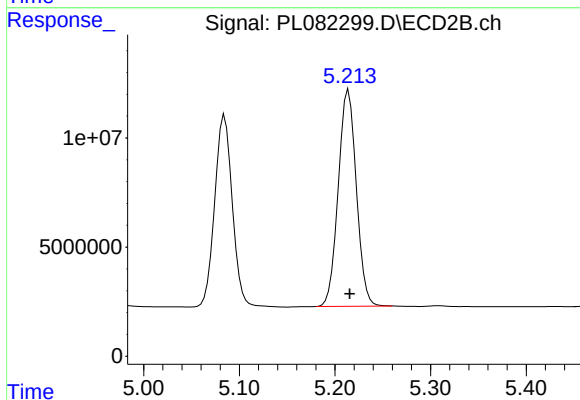




#13 Dieldrin

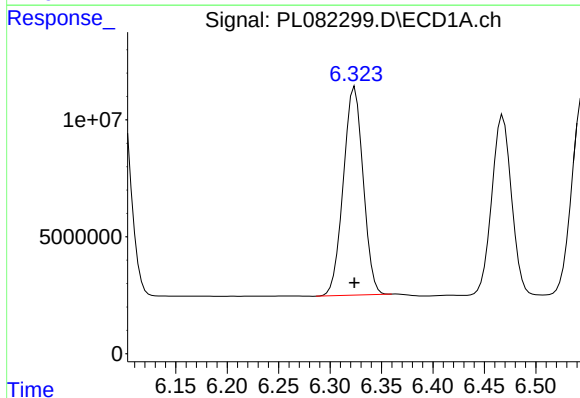
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 138550178  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



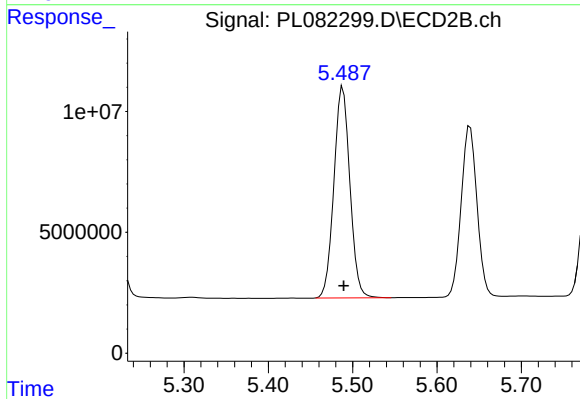
#13 Dieldrin

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 130587148  
Conc: 48.36 ng/ml



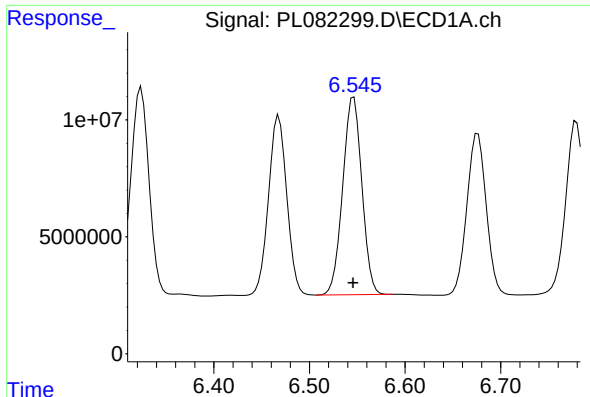
#14 Endrin

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 119508797  
Conc: 49.29 ng/ml



#14 Endrin

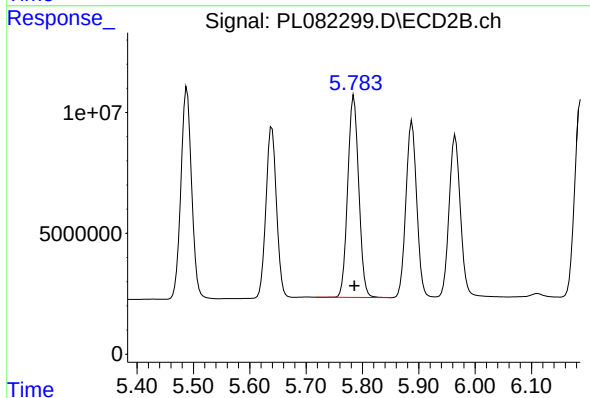
R.T.: 5.488 min  
Delta R.T.: -0.001 min  
Response: 115203706  
Conc: 47.10 ng/ml



#15 Endosulfan II

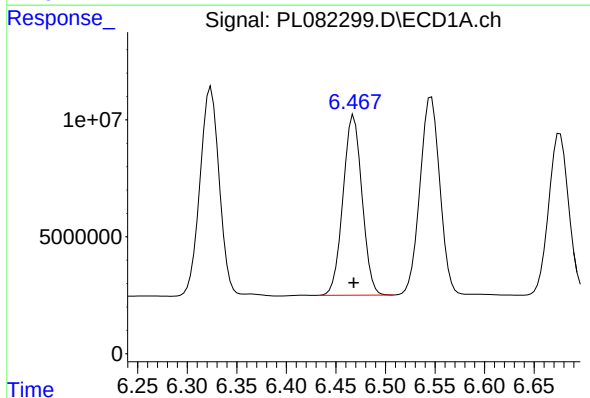
R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 117851884  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



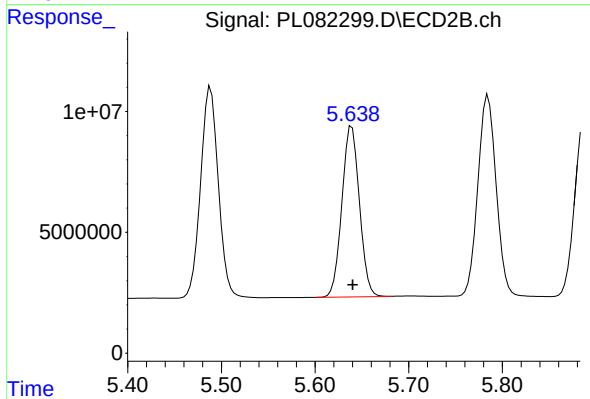
#15 Endosulfan II

R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 113522761  
Conc: 50.36 ng/ml



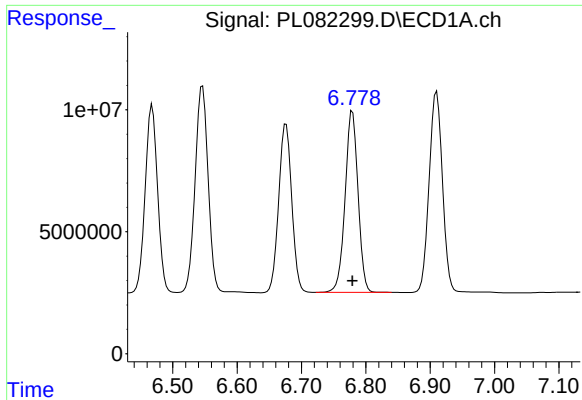
#16 4,4'-DDD

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 102582811  
Conc: 50.60 ng/ml



#16 4,4'-DDD

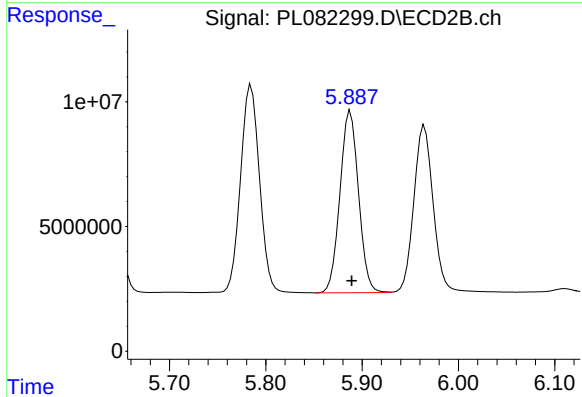
R.T.: 5.639 min  
Delta R.T.: -0.001 min  
Response: 91939574  
Conc: 49.16 ng/ml



#17 4,4'-DDT

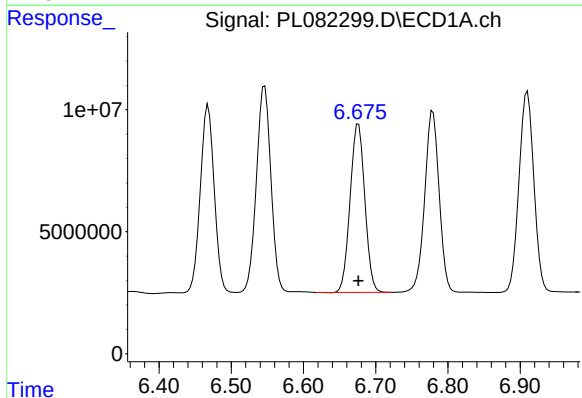
R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 103913092  
Conc: 45.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



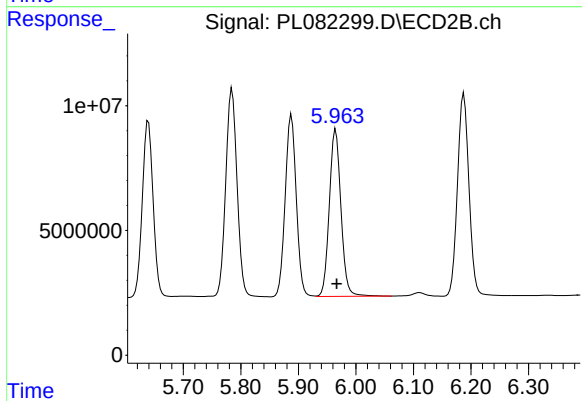
#17 4,4'-DDT

R.T.: 5.888 min  
Delta R.T.: -0.001 min  
Response: 97367809  
Conc: 46.09 ng/ml



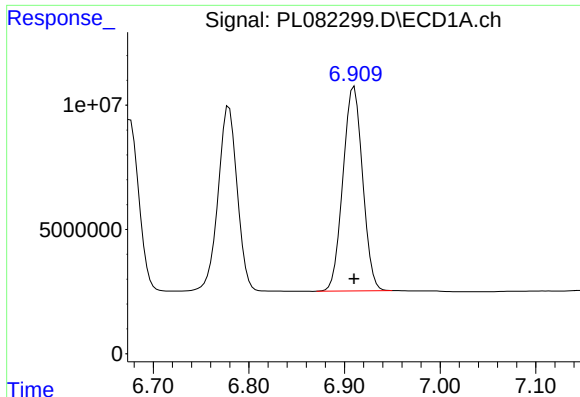
#18 Endrin aldehyde

R.T.: 6.676 min  
Delta R.T.: 0.000 min  
Response: 97266622  
Conc: 51.62 ng/ml



#18 Endrin aldehyde

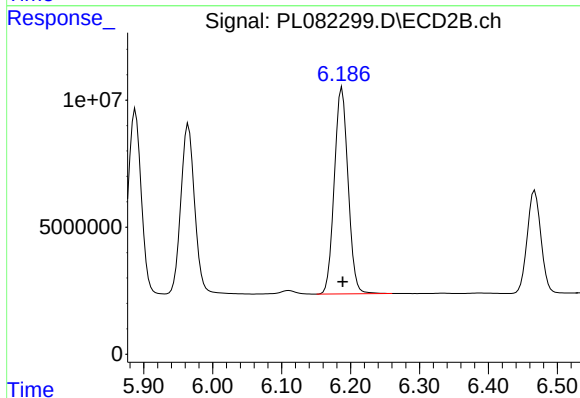
R.T.: 5.965 min  
Delta R.T.: -0.002 min  
Response: 93987956  
Conc: 50.22 ng/ml



#19 Endosulfan Sulfate

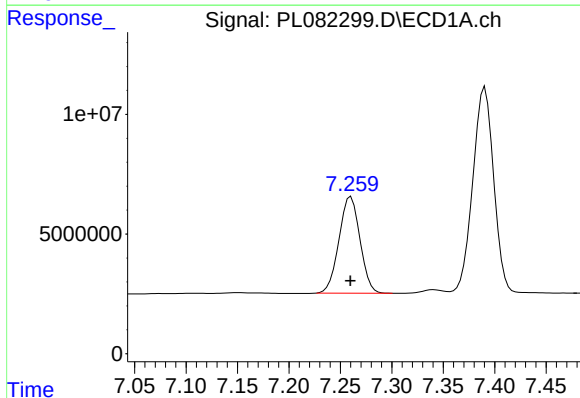
R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 117846152  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



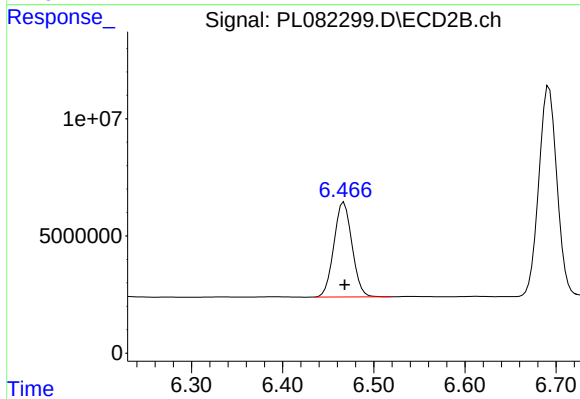
#19 Endosulfan Sulfate

R.T.: 6.188 min  
Delta R.T.: -0.001 min  
Response: 112581822  
Conc: 47.82 ng/ml



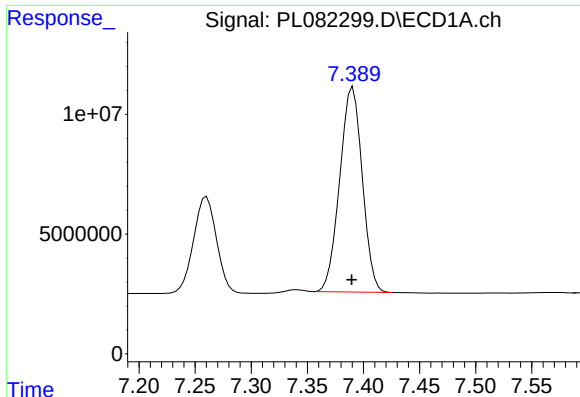
#20 Methoxychlor

R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 57344517  
Conc: 46.99 ng/ml



#20 Methoxychlor

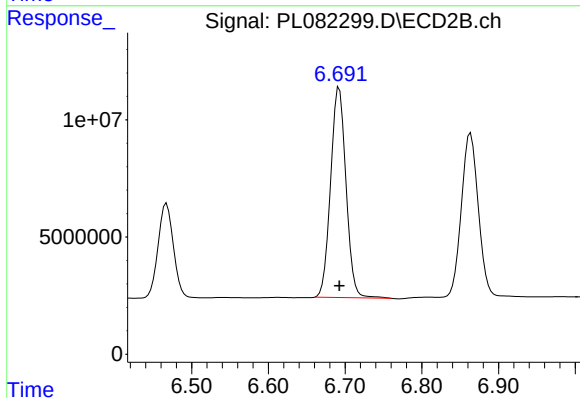
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 55734673  
Conc: 45.99 ng/ml



#21 Endrin ketone

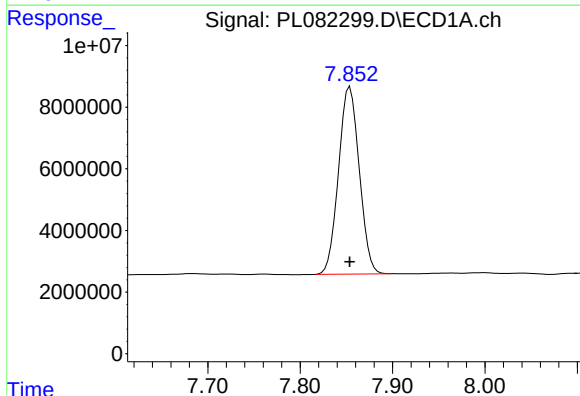
R.T.: 7.391 min  
Delta R.T.: 0.001 min  
Response: 119650892  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



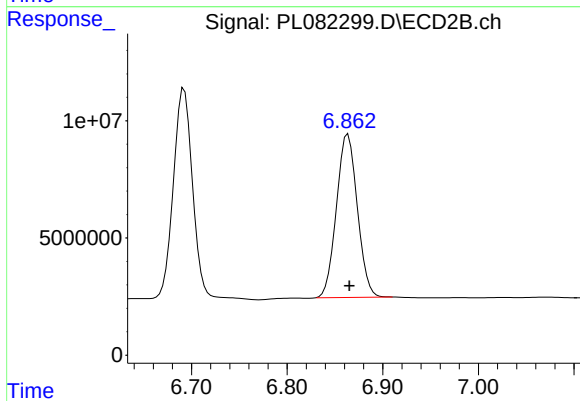
#21 Endrin ketone

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 125012260  
Conc: 49.25 ng/ml



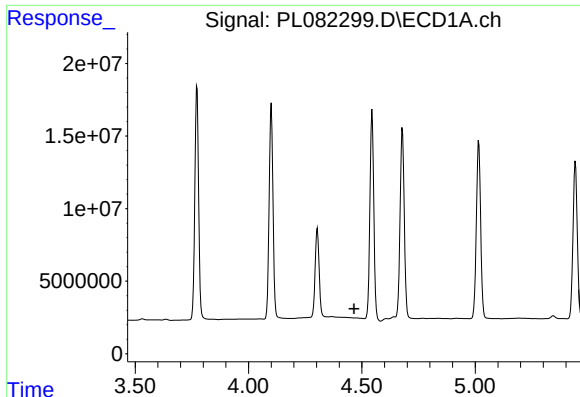
#22 Mirex

R.T.: 7.854 min  
Delta R.T.: 0.000 min  
Response: 94756424  
Conc: 48.44 ng/ml



#22 Mirex

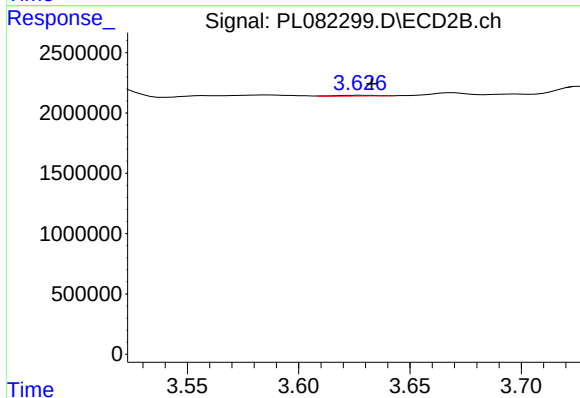
R.T.: 6.864 min  
Delta R.T.: -0.001 min  
Response: 105934985  
Conc: 45.97 ng/ml



#23 Chlordane-1

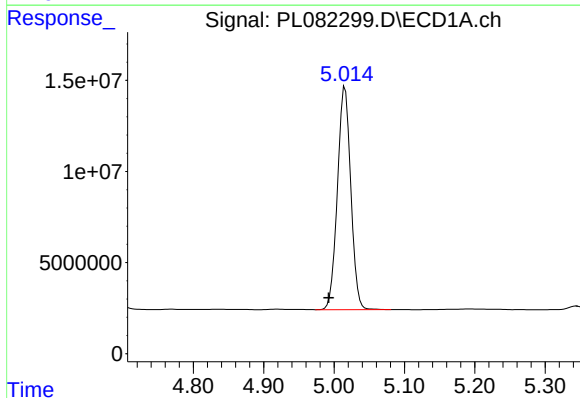
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



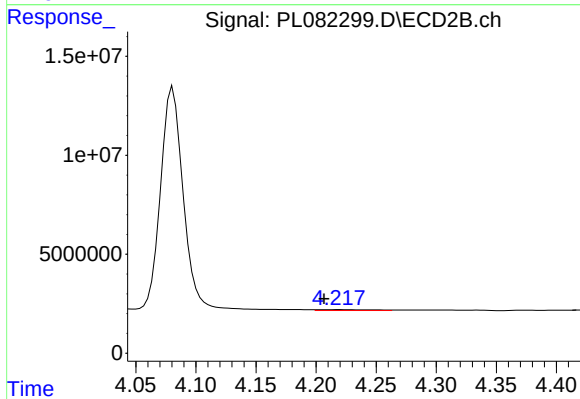
#23 Chlordane-1

R.T.: 3.628 min  
Delta R.T.: -0.005 min  
Response: 75290  
Conc: 0.85 ng/ml



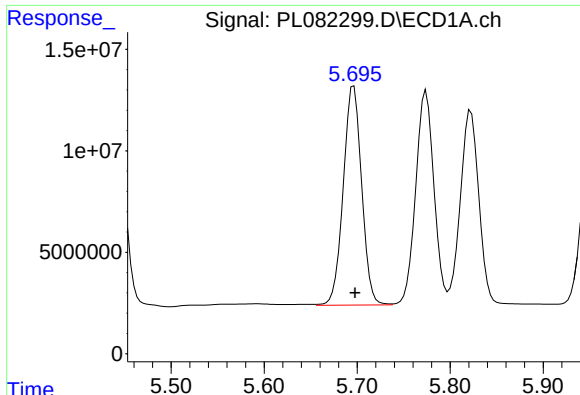
#24 Chlordane-2

R.T.: 5.016 min  
Delta R.T.: 0.023 min  
Response: 161502314  
Conc: 1356.56 ng/ml



#24 Chlordane-2

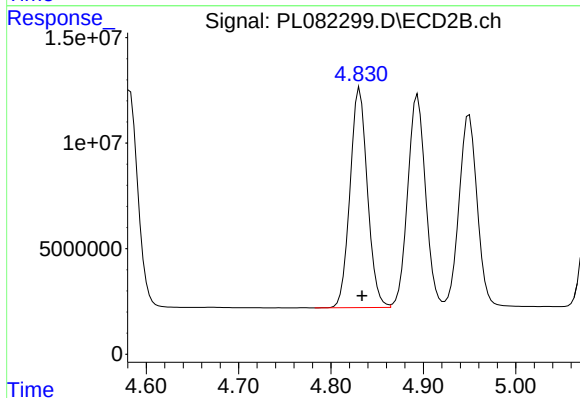
R.T.: 4.218 min  
Delta R.T.: 0.011 min  
Response: 1506381  
Conc: 13.43 ng/ml



#25 Chlordane-3

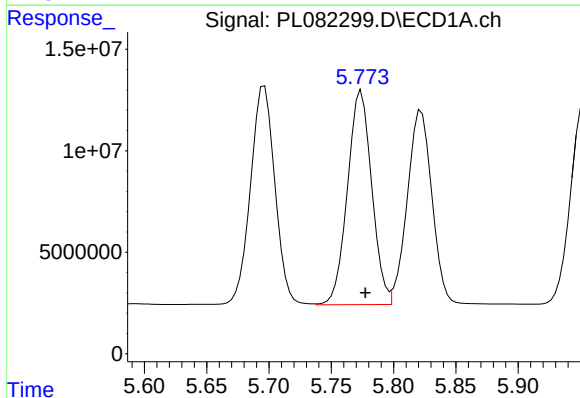
R.T.: 5.696 min  
Delta R.T.: -0.001 min  
Response: 148250884  
Conc: 343.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



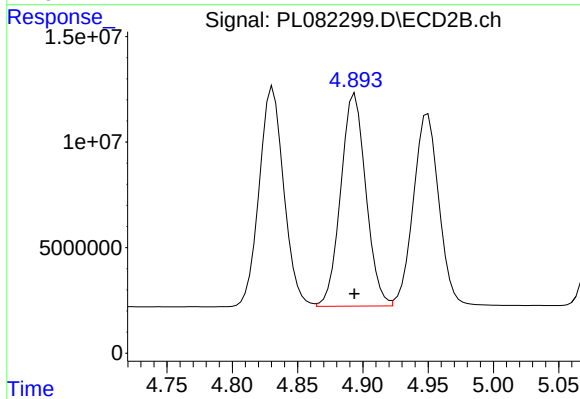
#25 Chlordane-3

R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 136006661  
Conc: 478.71 ng/ml



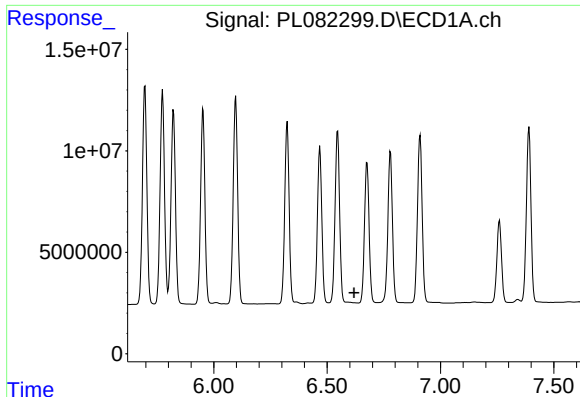
#26 Chlordane-4

R.T.: 5.774 min  
Delta R.T.: -0.003 min  
Response: 143455146  
Conc: 275.92 ng/ml



#26 Chlordane-4

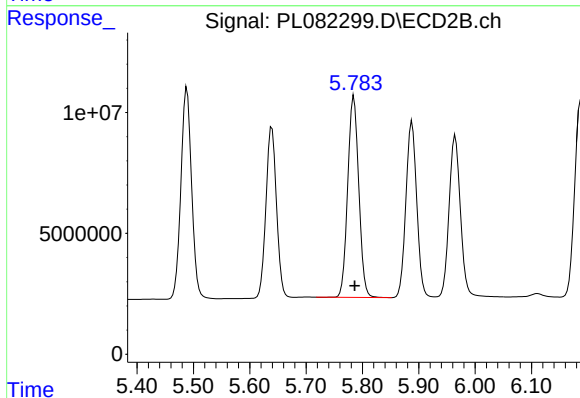
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 134780223  
Conc: 451.67 ng/ml



#27 Chlordane-5

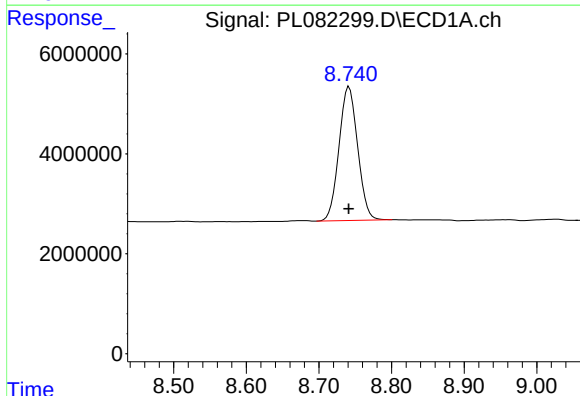
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



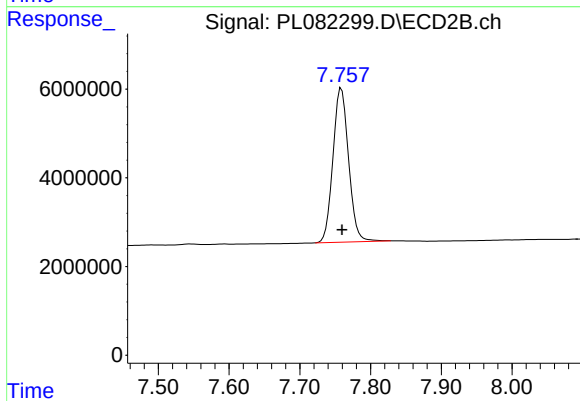
#27 Chlordane-5

R.T.: 5.785 min  
Delta R.T.: -0.001 min  
Response: 113522761  
Conc: 1150.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min  
Delta R.T.: 0.000 min  
Response: 47808452  
Conc: 25.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min  
Delta R.T.: -0.001 min  
Response: 53448804  
Conc: 23.42 ng/ml