

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
 Data File : PL082922.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2023 11:23  
 Operator : AR\AJ  
 Sample : 02747-02MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-03-10-12-20230510MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 21:11:32 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... | 3.316  | 2.637  | 45309250 | 39224306 | 15.416   | 15.109     |
| 2)                          | SA Decachlor... | 8.731  | 7.741  | 32871644 | 40117811 | 15.673   | 16.134     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.766  | 3.134  | 172.5E6  | 142.2E6  | 38.865   | 38.111     |
| 3)                          | MA gamma-BHC... | 4.094  | 3.460  | 166.9E6  | 139.9E6  | 40.286   | 41.972     |
| 4)                          | MA Heptachlor   | 4.671  | 3.791  | 149.7E6  | 138.9E6  | 39.171   | 37.953     |
| 5)                          | MB Aldrin       | 5.007  | 4.067  | 145.5E6  | 133.1E6  | 41.349   | 40.918     |
| 6)                          | B beta-BHC      | 4.297  | 3.760  | 71809170 | 56874613 | 38.141   | 39.770     |
| 7)                          | B delta-BHC     | 4.538  | 3.985  | 154.5E6  | 127.4E6  | 44.934   | 38.879     |
| 8)                          | B Heptachlo...  | 5.434  | 4.568  | 132.2E6  | 121.9E6  | 41.335   | 41.071     |
| 9)                          | A Endosulfan I  | 5.814  | 4.935  | 120.5E6  | 111.2E6  | 40.150   | 39.806     |
| 10)                         | B gamma-Chl...  | 5.688  | 4.816  | 132.4E6  | 120.7E6  | 41.670   | 40.175     |
| 11)                         | B alpha-Chl...  | 5.766  | 4.879  | 129.1E6  | 122.1E6  | 40.218   | 40.684     |
| 12)                         | B 4,4'-DDE      | 5.944  | 5.069  | 113.3E6  | 102.5E6  | 41.111   | 42.212     |
| 13)                         | MA Dieldrin     | 6.088  | 5.199  | 124.9E6  | 118.8E6  | 41.534   | 42.087     |
| 14)                         | MA Endrin       | 6.315  | 5.473  | 105.2E6  | 102.9E6  | 39.138   | 40.554     |
| 15)                         | B Endosulfa...  | 6.538  | 5.769  | 103.0E6  | 104.5E6  | 37.937   | 42.222     |
| 16)                         | A 4,4'-DDD      | 6.460  | 5.624  | 94226280 | 84658555 | 43.361   | 44.019     |
| 17)                         | MA 4,4'-DDT     | 6.771  | 5.872  | 93924466 | 89934829 | 37.522   | 40.311     |
| 18)                         | B Endrin al...  | 6.668  | 5.949  | 88144335 | 87467596 | 43.839   | 44.232     |
| 19)                         | B Endosulfa...  | 6.902  | 6.172  | 104.2E6  | 100.7E6  | 40.643   | 41.103     |
| 20)                         | A Methoxychlor  | 7.252  | 6.451  | 52327167 | 51469785 | 39.570   | 40.472     |
| 21)                         | B Endrin ke...  | 7.381  | 6.676  | 112.3E6  | 118.2E6  | 44.034   | 43.719     |
| 22)                         | Mirex           | 7.845  | 6.847  | 84326384 | 97840867 | 40.231   | 41.815     |
| 23)                         | Chlordane-1     | 0.000  | 3.639f | 0        | 694807   | N.D.     | 8.421 #    |
| 24)                         | Chlordane-2     | 5.007f | 4.206  | 145.5E6  | 380316   | 1320.578 | 4.272 #    |
| 25)                         | Chlordane-3     | 5.688  | 4.816  | 132.4E6  | 120.7E6  | 319.073  | 452.758 #  |
| 26)                         | Chlordane-4     | 5.766  | 4.879  | 129.1E6  | 122.1E6  | 254.891  | 433.475 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.769  | 0        | 104.5E6  | N.D.     | 1075.351 # |
| -----                       |                 |        |        |          |          |          |            |

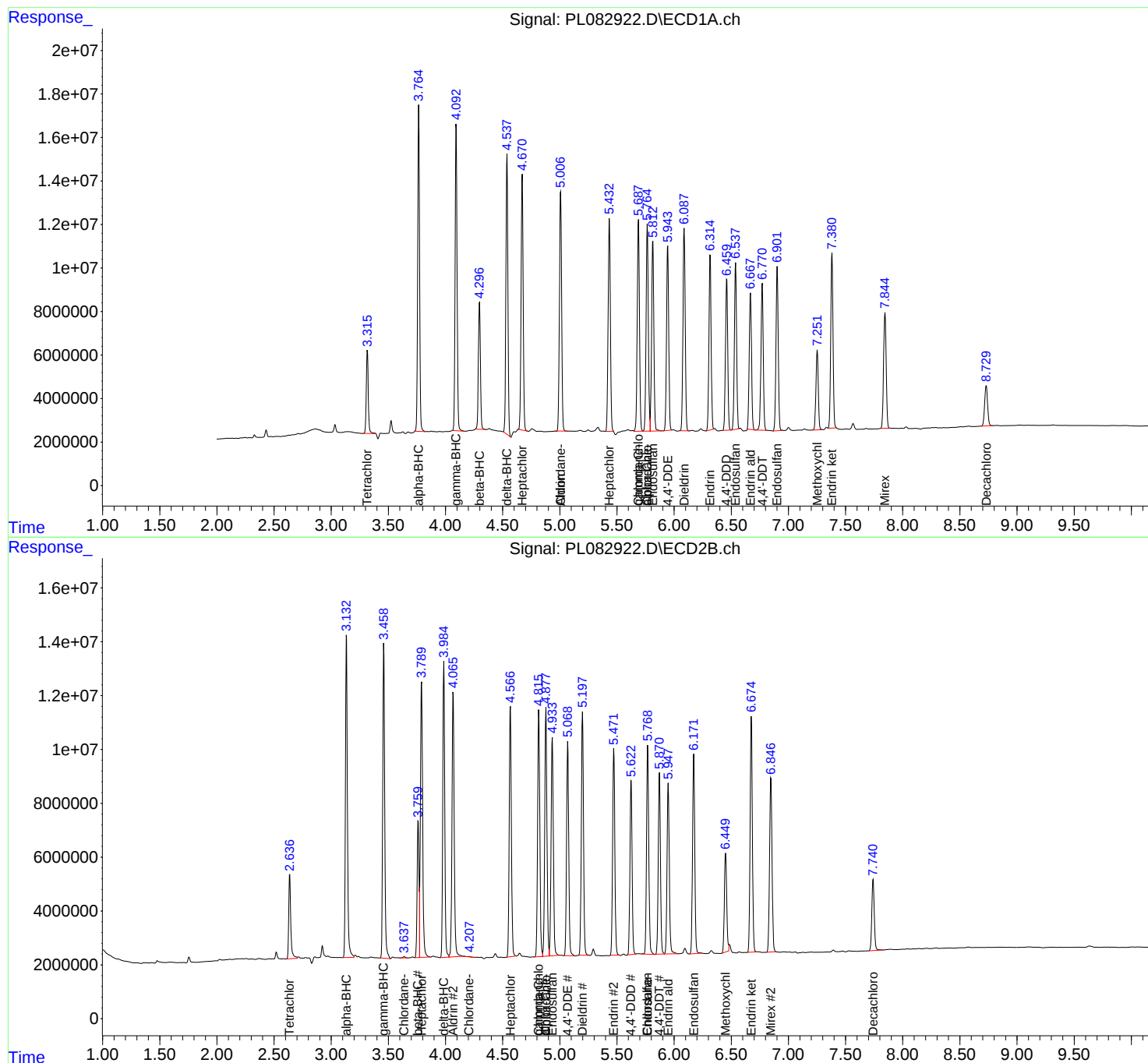
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

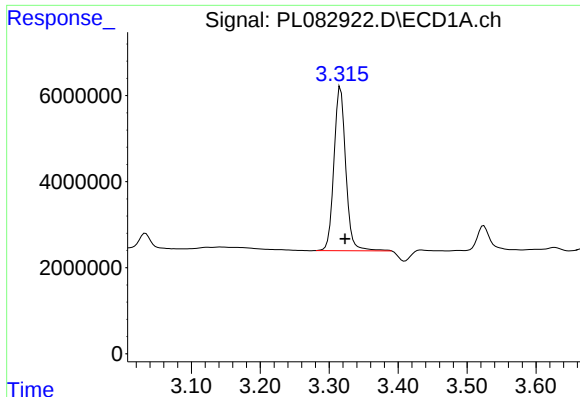
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052323\  
Data File : PL082922.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2023 11:23  
Operator : AR\AJ  
Sample : 02747-02MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 21:11:32 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

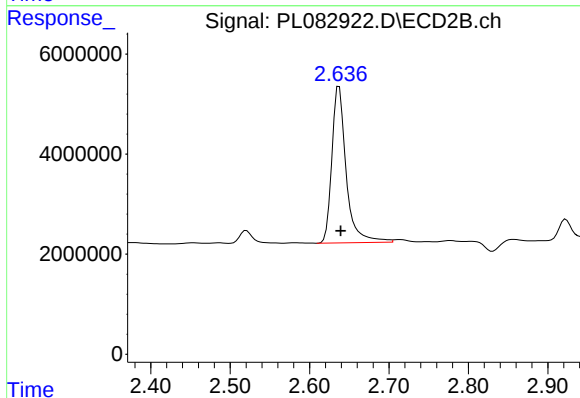




#1 Tetrachloro-m-xylene

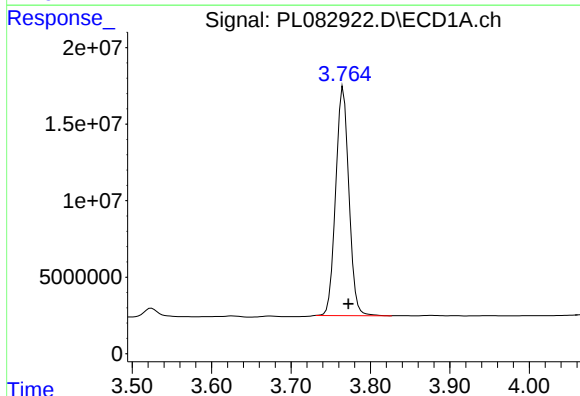
R.T.: 3.316 min  
Delta R.T.: -0.007 min  
Response: 45309250  
Conc: 15.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



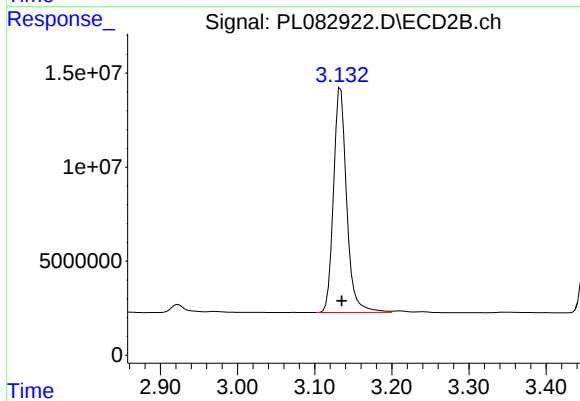
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 39224306  
Conc: 15.11 ng/ml



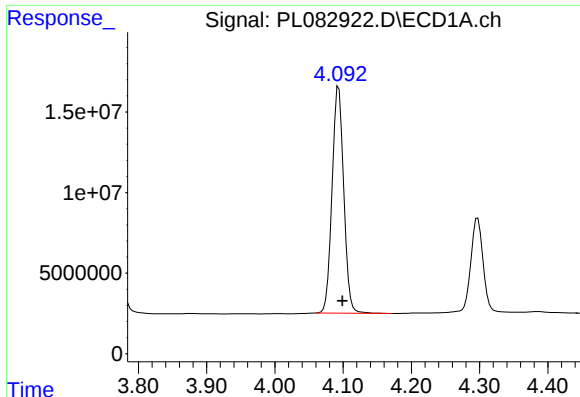
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: -0.006 min  
Response: 172532719  
Conc: 38.87 ng/ml



#2 alpha-BHC

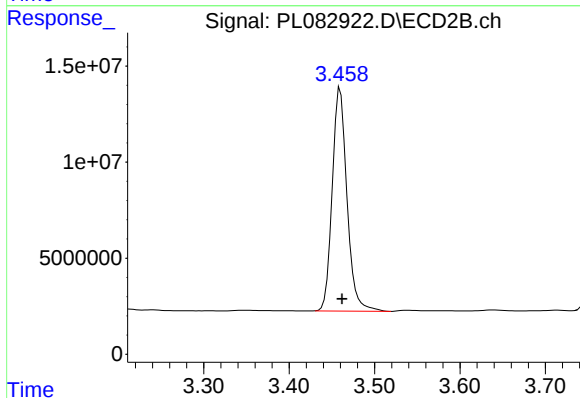
R.T.: 3.134 min  
Delta R.T.: -0.002 min  
Response: 142209074  
Conc: 38.11 ng/ml



#3 gamma-BHC (Lindane)

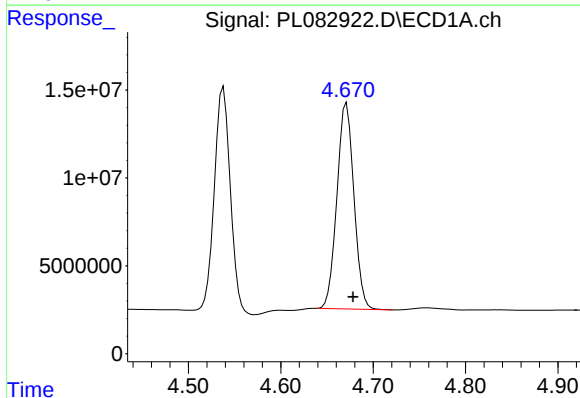
R.T.: 4.094 min  
Delta R.T.: -0.005 min  
Response: 166900960  
Conc: 40.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



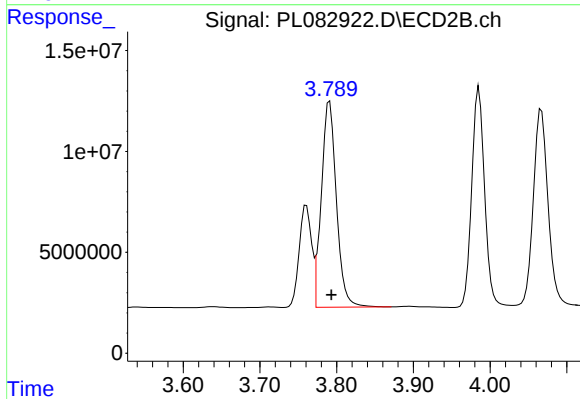
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: -0.002 min  
Response: 139905083  
Conc: 41.97 ng/ml



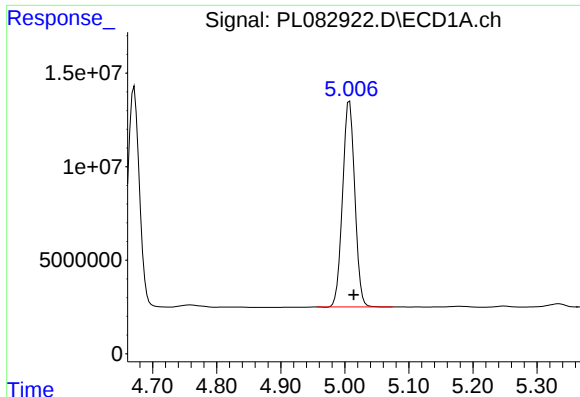
#4 Heptachlor

R.T.: 4.671 min  
Delta R.T.: -0.007 min  
Response: 149729352  
Conc: 39.17 ng/ml



#4 Heptachlor

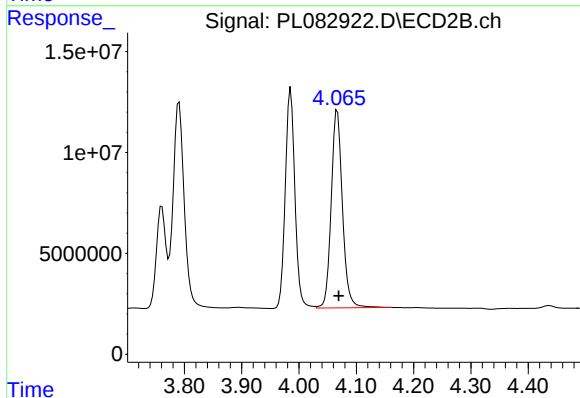
R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 138949676  
Conc: 37.95 ng/ml



#5 Aldrin

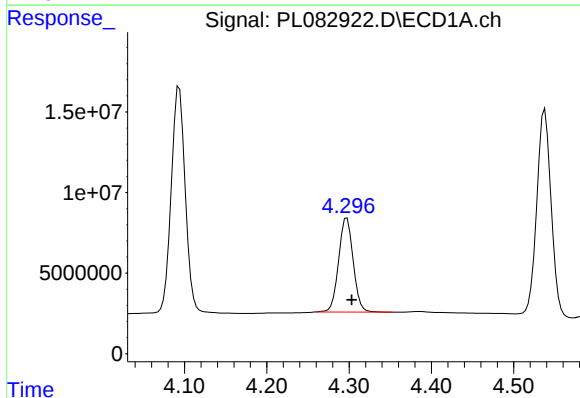
R.T.: 5.007 min  
Delta R.T.: -0.007 min  
Response: 145472436  
Conc: 41.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



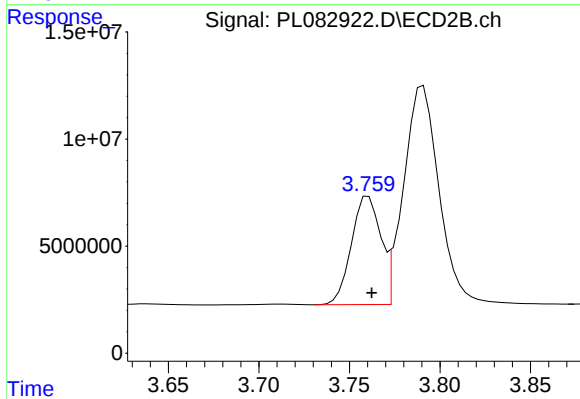
#5 Aldrin

R.T.: 4.067 min  
Delta R.T.: -0.003 min  
Response: 133132982  
Conc: 40.92 ng/ml



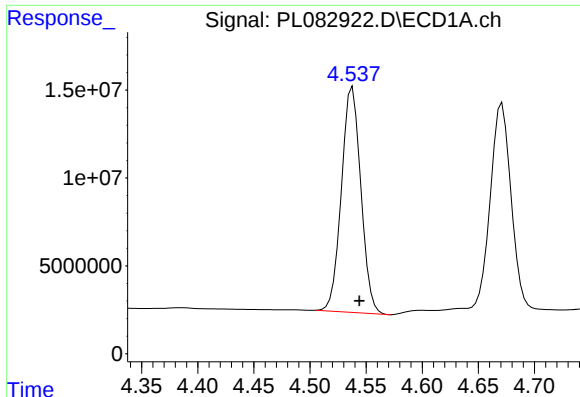
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.006 min  
Response: 71809170  
Conc: 38.14 ng/ml



#6 beta-BHC

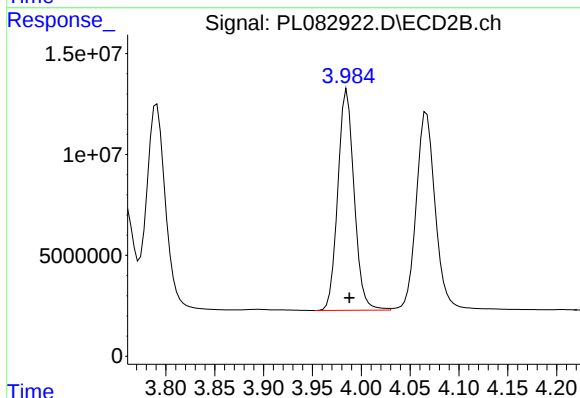
R.T.: 3.760 min  
Delta R.T.: -0.002 min  
Response: 56874613  
Conc: 39.77 ng/ml



#7 delta-BHC

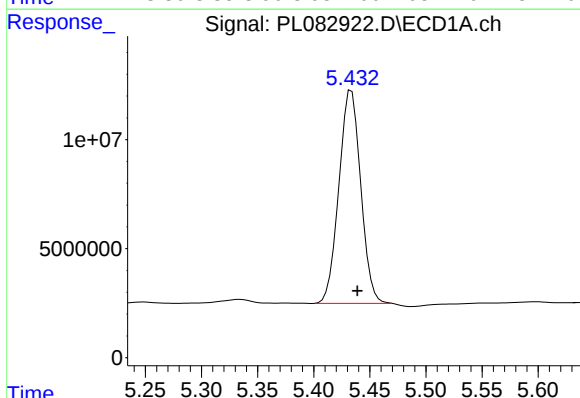
R.T.: 4.538 min  
Delta R.T.: -0.006 min  
Response: 154522859  
Conc: 44.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



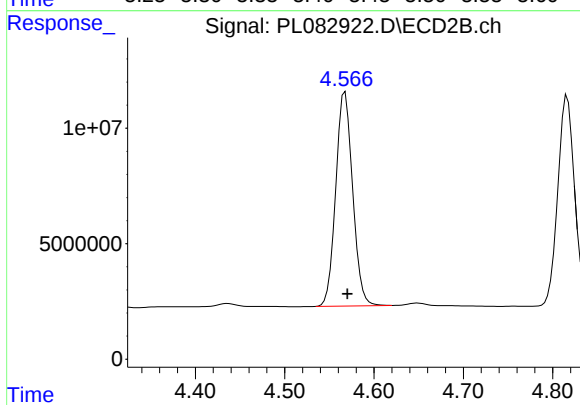
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: -0.002 min  
Response: 127383691  
Conc: 38.88 ng/ml



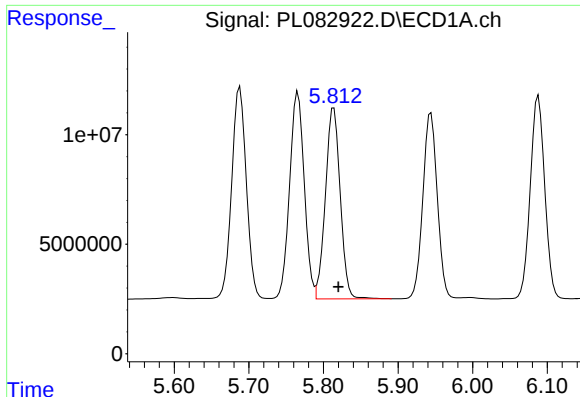
#8 Heptachlor epoxide

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 132217664  
Conc: 41.33 ng/ml



#8 Heptachlor epoxide

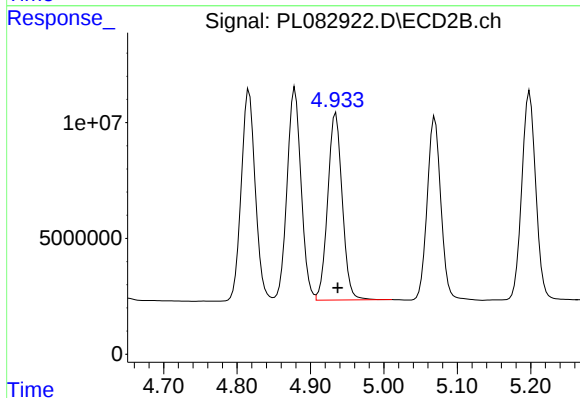
R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 121894384  
Conc: 41.07 ng/ml



#9 Endosulfan I

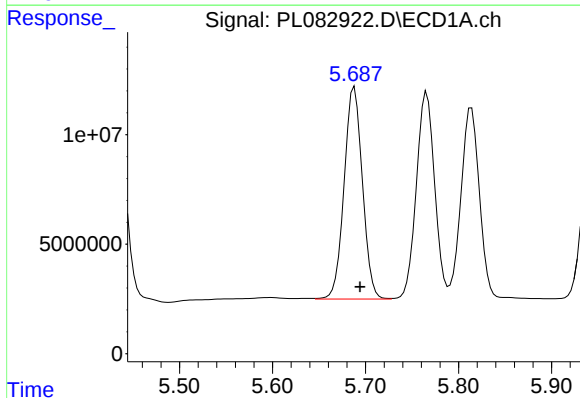
R.T.: 5.814 min  
Delta R.T.: -0.006 min  
Response: 120473362  
Conc: 40.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



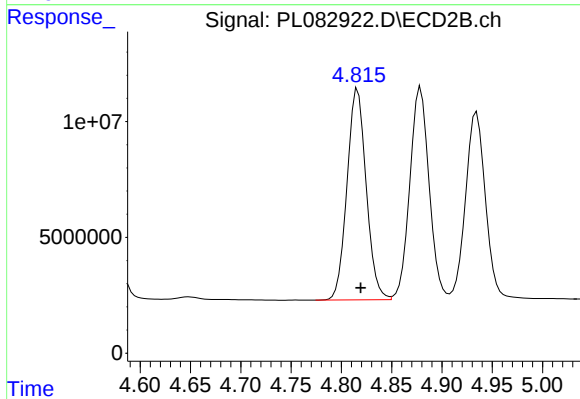
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: -0.003 min  
Response: 111233056  
Conc: 39.81 ng/ml



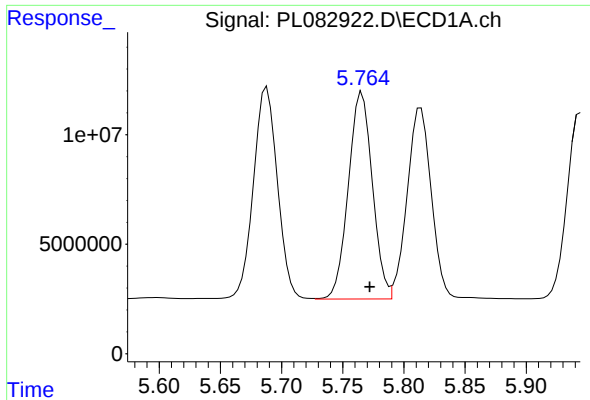
#10 gamma-Chlordane

R.T.: 5.688 min  
Delta R.T.: -0.006 min  
Response: 132384388  
Conc: 41.67 ng/ml



#10 gamma-Chlordane

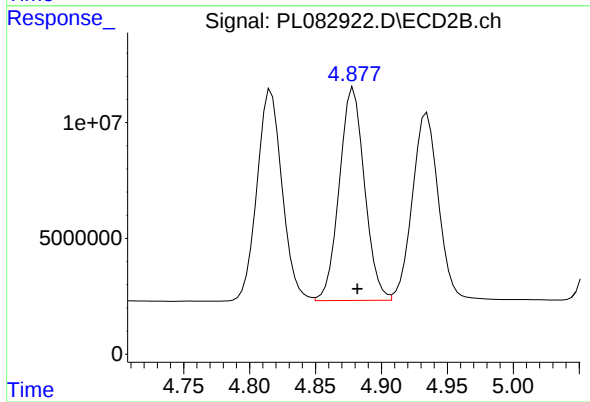
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 120662243  
Conc: 40.18 ng/ml



#11 alpha-Chlordane

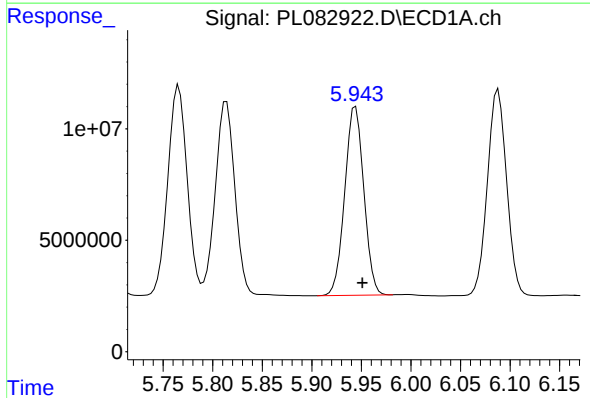
R.T.: 5.766 min  
Delta R.T.: -0.006 min  
Response: 129070922  
Conc: 40.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



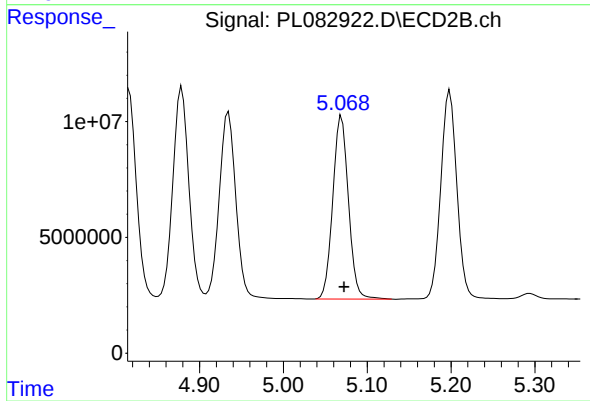
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.003 min  
Response: 122132089  
Conc: 40.68 ng/ml



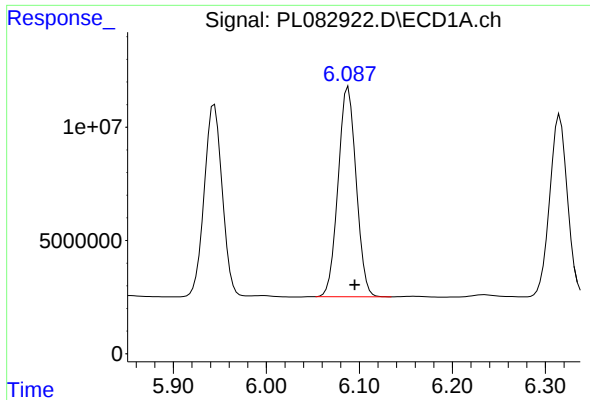
#12 4,4'-DDE

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 113323191  
Conc: 41.11 ng/ml



#12 4,4'-DDE

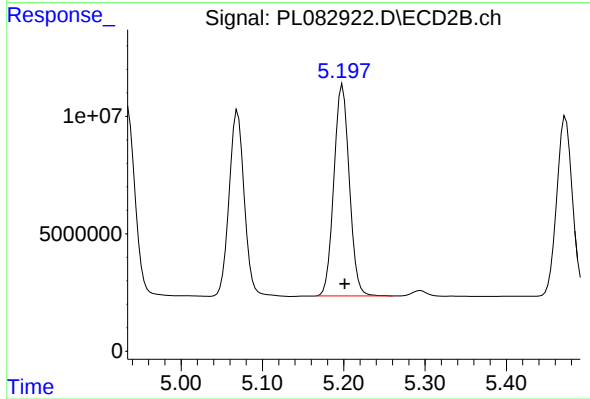
R.T.: 5.069 min  
Delta R.T.: -0.003 min  
Response: 102521744  
Conc: 42.21 ng/ml



#13 Dieldrin

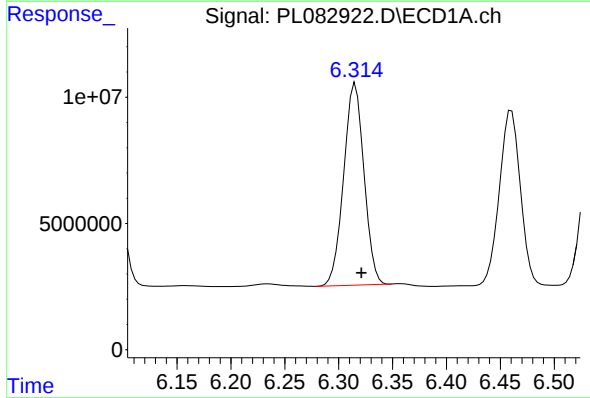
R.T.: 6.088 min  
Delta R.T.: -0.007 min  
Response: 124928448  
Conc: 41.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



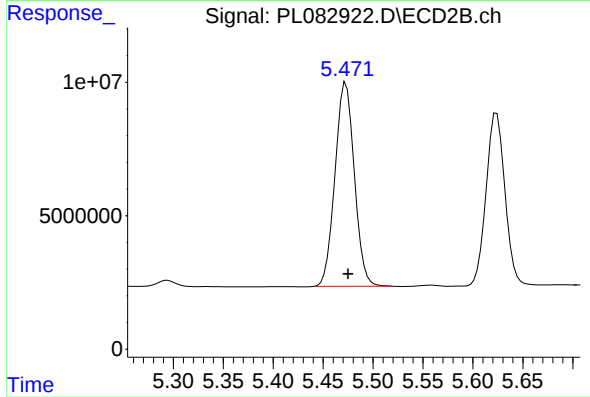
#13 Dieldrin

R.T.: 5.199 min  
Delta R.T.: -0.003 min  
Response: 118809304  
Conc: 42.09 ng/ml



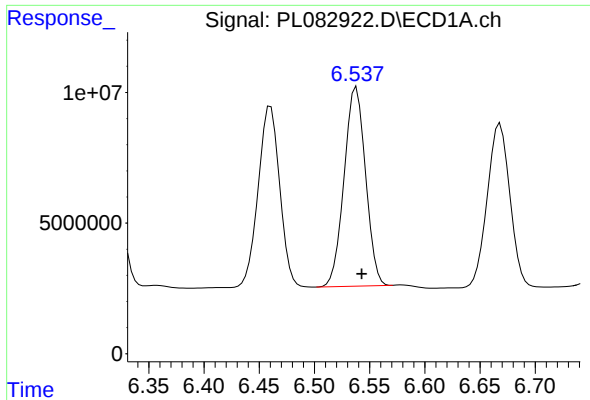
#14 Endrin

R.T.: 6.315 min  
Delta R.T.: -0.006 min  
Response: 105173967  
Conc: 39.14 ng/ml



#14 Endrin

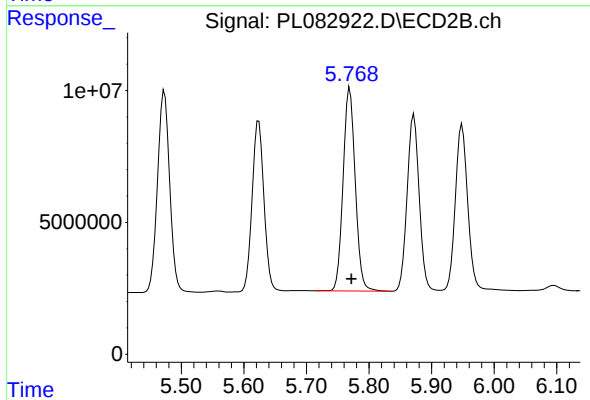
R.T.: 5.473 min  
Delta R.T.: -0.002 min  
Response: 102883240  
Conc: 40.55 ng/ml



#15 Endosulfan II

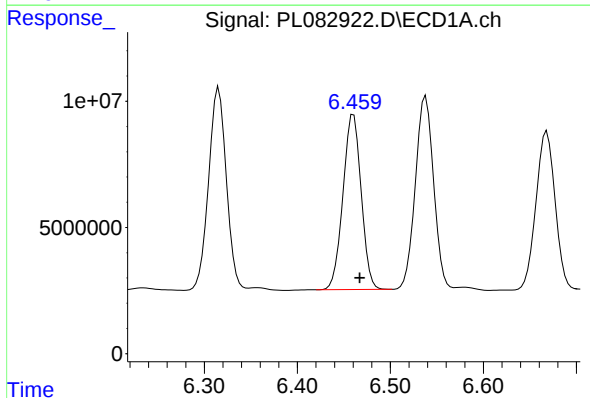
R.T.: 6.538 min  
Delta R.T.: -0.005 min  
Response: 103041982  
Conc: 37.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



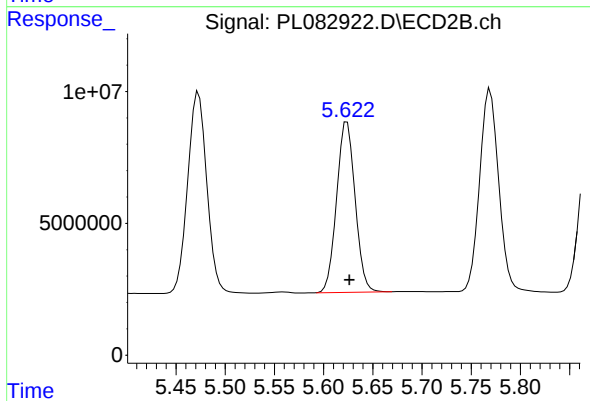
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 104466355  
Conc: 42.22 ng/ml



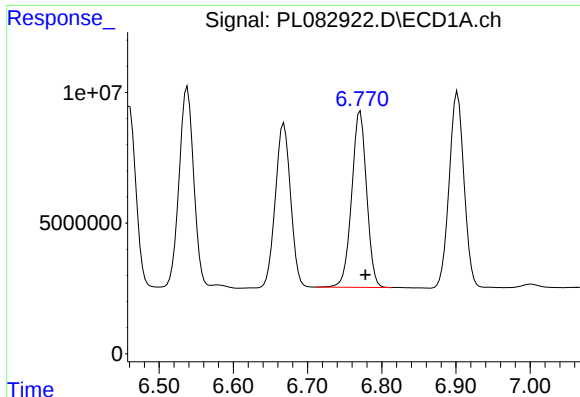
#16 4,4'-DDD

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 94226280  
Conc: 43.36 ng/ml



#16 4,4'-DDD

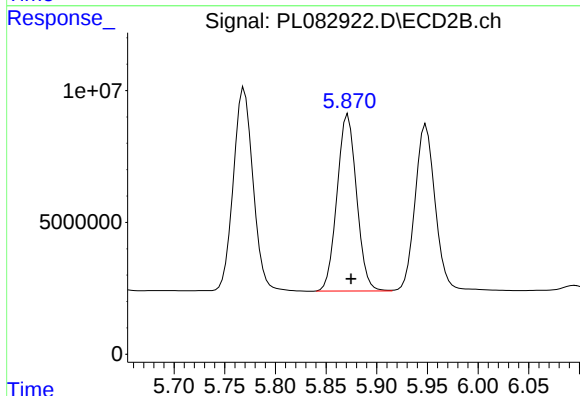
R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 84658555  
Conc: 44.02 ng/ml



#17 4,4'-DDT

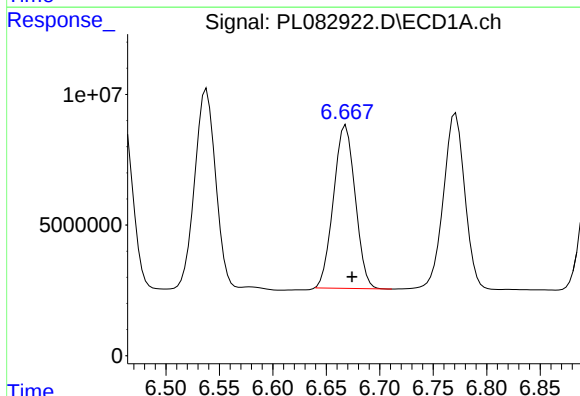
R.T.: 6.771 min  
Delta R.T.: -0.007 min  
Response: 93924466  
Conc: 37.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



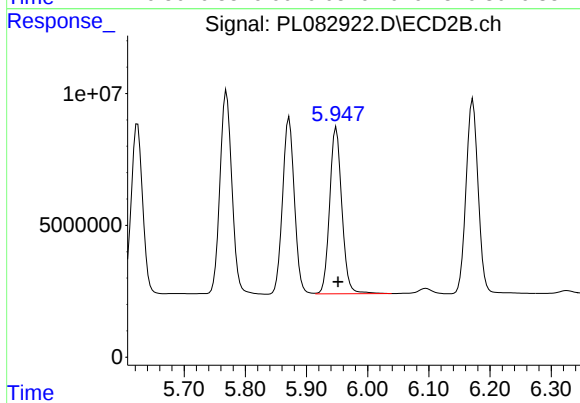
#17 4,4'-DDT

R.T.: 5.872 min  
Delta R.T.: -0.003 min  
Response: 89934829  
Conc: 40.31 ng/ml



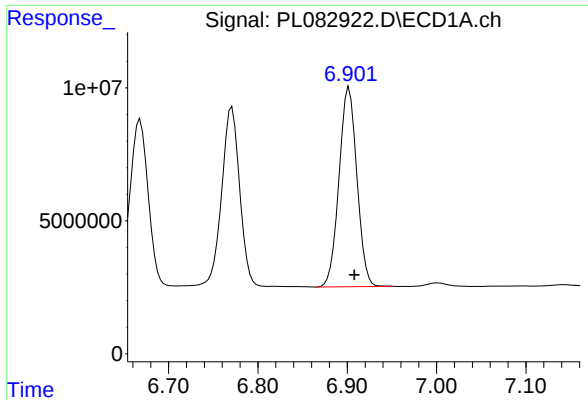
#18 Endrin aldehyde

R.T.: 6.668 min  
Delta R.T.: -0.006 min  
Response: 88144335  
Conc: 43.84 ng/ml



#18 Endrin aldehyde

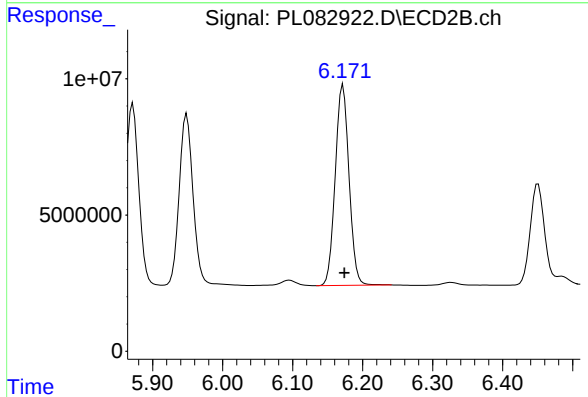
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 87467596  
Conc: 44.23 ng/ml



#19 Endosulfan Sulfate

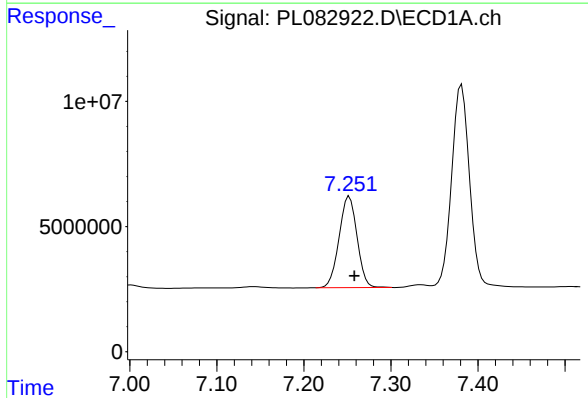
R.T.: 6.902 min  
Delta R.T.: -0.006 min  
Response: 104197828  
Conc: 40.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



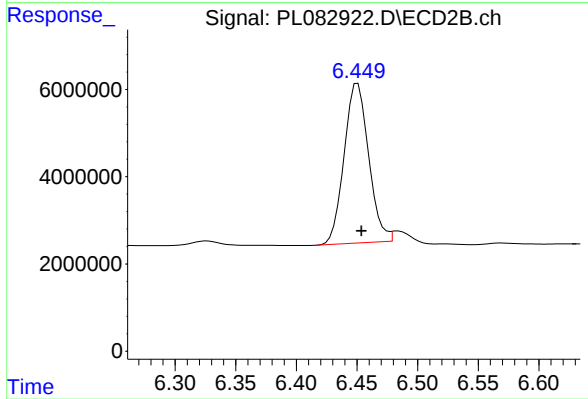
#19 Endosulfan Sulfate

R.T.: 6.172 min  
Delta R.T.: -0.002 min  
Response: 100660746  
Conc: 41.10 ng/ml



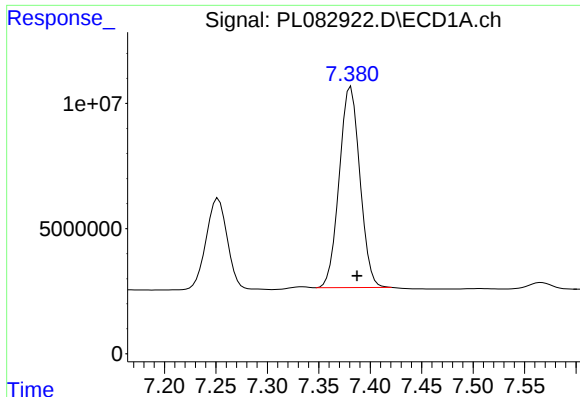
#20 Methoxychlor

R.T.: 7.252 min  
Delta R.T.: -0.006 min  
Response: 52327167  
Conc: 39.57 ng/ml



#20 Methoxychlor

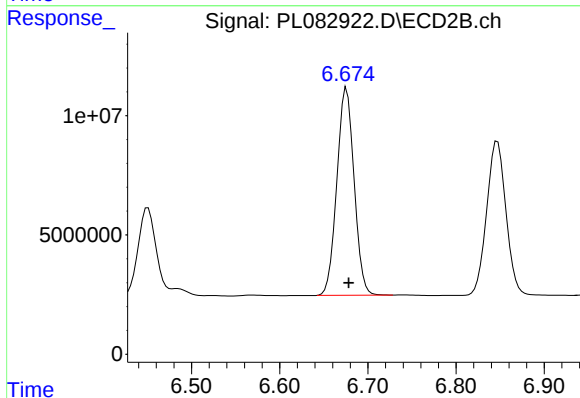
R.T.: 6.451 min  
Delta R.T.: -0.003 min  
Response: 51469785  
Conc: 40.47 ng/ml



#21 Endrin ketone

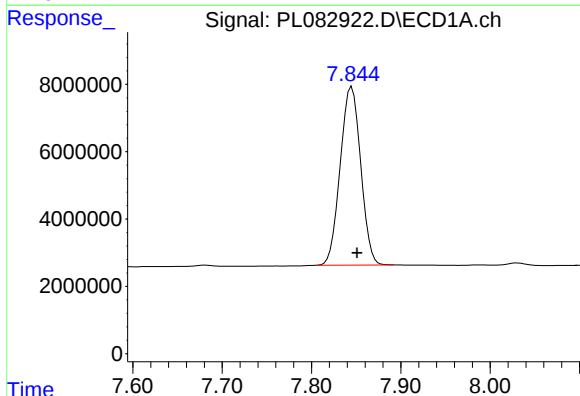
R.T.: 7.381 min  
Delta R.T.: -0.006 min  
Response: 112322177  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



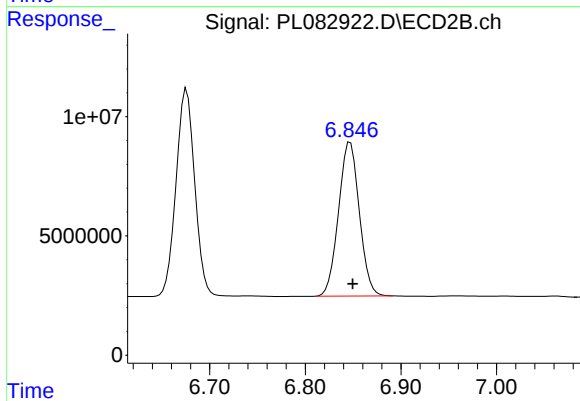
#21 Endrin ketone

R.T.: 6.676 min  
Delta R.T.: -0.002 min  
Response: 118209030  
Conc: 43.72 ng/ml



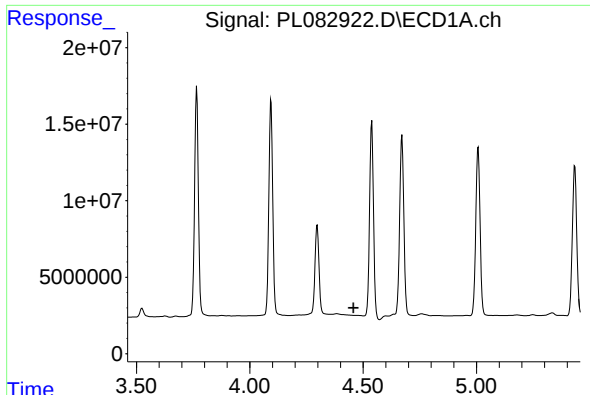
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 84326384  
Conc: 40.23 ng/ml



#22 Mirex

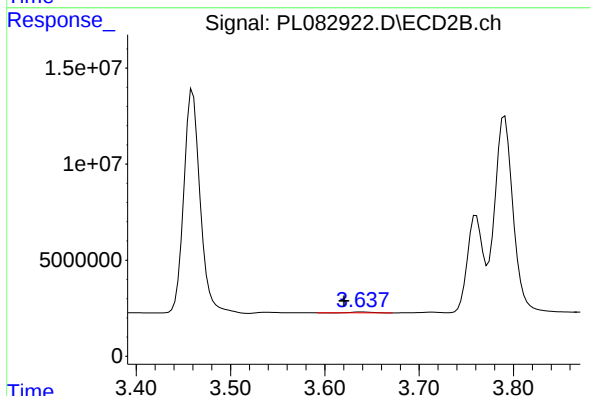
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 97840867  
Conc: 41.82 ng/ml



#23 Chlordane-1

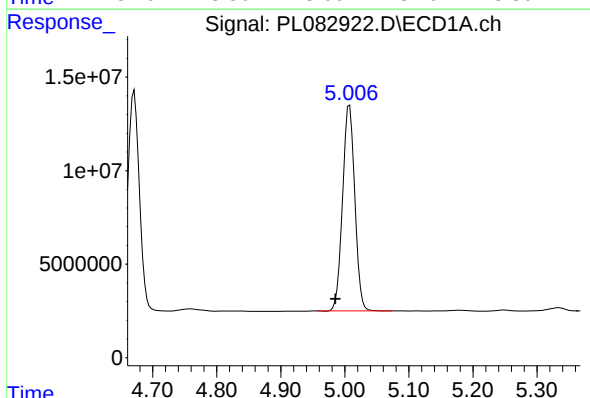
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



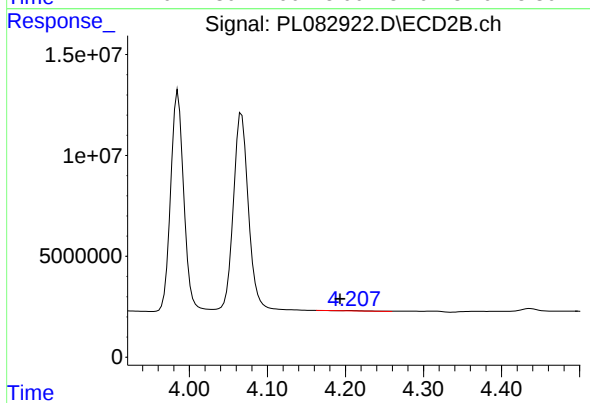
#23 Chlordane-1

R.T.: 3.639 min  
Delta R.T.: 0.018 min  
Response: 694807  
Conc: 8.42 ng/ml



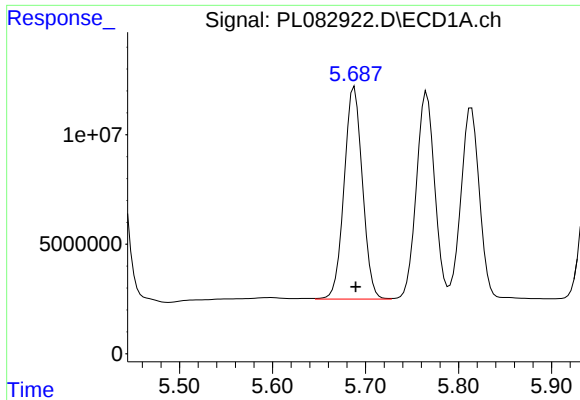
#24 Chlordane-2

R.T.: 5.007 min  
Delta R.T.: 0.022 min  
Response: 145472436  
Conc: 1320.58 ng/ml



#24 Chlordane-2

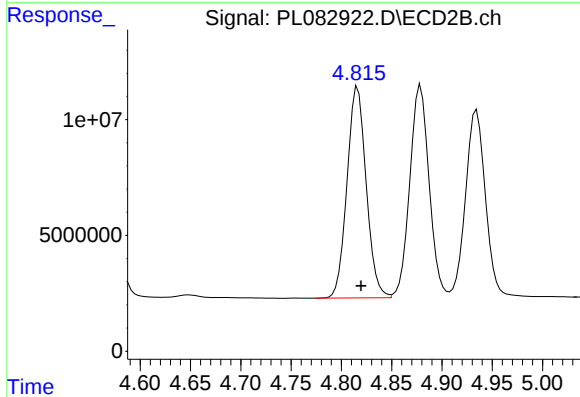
R.T.: 4.206 min  
Delta R.T.: 0.012 min  
Response: 380316  
Conc: 4.27 ng/ml



#25 Chlordane-3

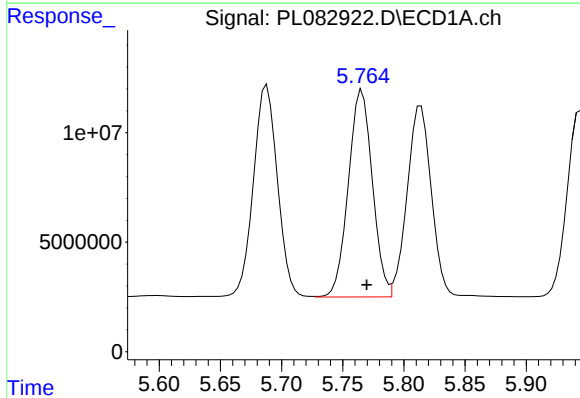
R.T.: 5.688 min  
Delta R.T.: -0.001 min  
Response: 132384388  
Conc: 319.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



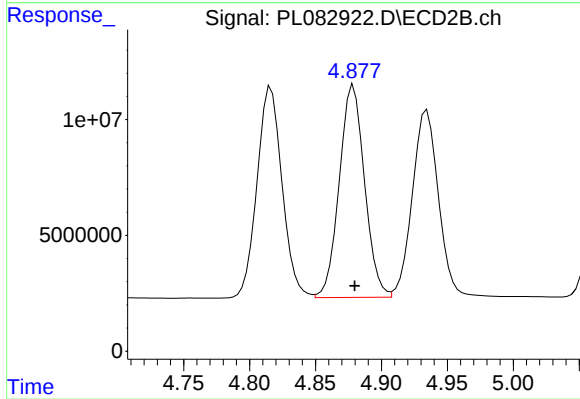
#25 Chlordane-3

R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 120662243  
Conc: 452.76 ng/ml



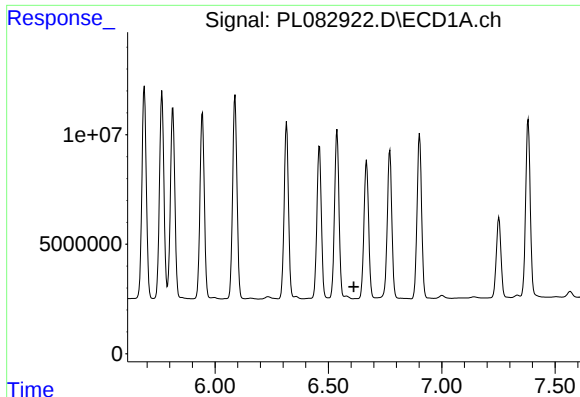
#26 Chlordane-4

R.T.: 5.766 min  
Delta R.T.: -0.004 min  
Response: 129070922  
Conc: 254.89 ng/ml



#26 Chlordane-4

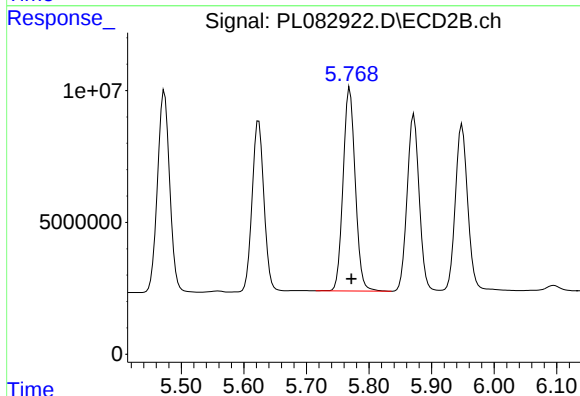
R.T.: 4.879 min  
Delta R.T.: 0.000 min  
Response: 122132089  
Conc: 433.47 ng/ml



#27 Chlordane-5

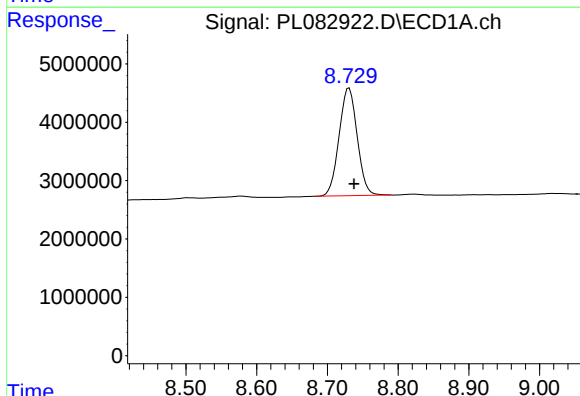
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SB-03-10-12-20230510MS



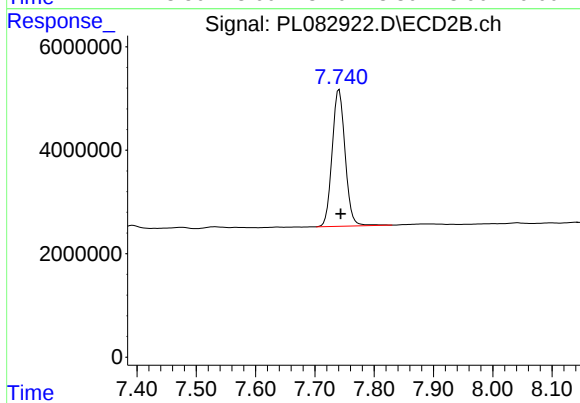
#27 Chlordane-5

R.T.: 5.769 min  
Delta R.T.: -0.003 min  
Response: 104466355  
Conc: 1075.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 32871644  
Conc: 15.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.741 min  
Delta R.T.: -0.003 min  
Response: 40117811  
Conc: 16.13 ng/ml