

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
 Data File : PL082885.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2023 18:46  
 Operator : AR\AJ  
 Sample : 02747-02MS  
 Misc :  
 ALS Vial : 21 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 22 21:48:49 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... | 3.318 | 2.637 | 47346268 | 41256163 | 16.110 | 15.892 |
| 28)                         | SA Decachlor... | 8.734 | 7.743 | 34141942 | 40194026 | 16.279 | 16.165 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.767 | 3.134 | 181.4E6  | 147.3E6  | 40.866 | 39.476 |
| 3)                          | MA gamma-BHC... | 4.095 | 3.461 | 175.7E6  | 145.0E6  | 42.399 | 43.495 |
| 4)                          | MA Heptachlor   | 4.673 | 3.792 | 158.6E6  | 143.6E6  | 41.501 | 39.230 |
| 5)                          | MB Aldrin       | 5.009 | 4.068 | 153.9E6  | 138.1E6  | 43.753 | 42.431 |
| 6)                          | B beta-BHC      | 4.299 | 3.761 | 75986645 | 59139804 | 40.360 | 41.354 |
| 7)                          | B delta-BHC     | 4.540 | 3.987 | 163.0E6  | 131.9E6  | 47.401 | 40.269 |
| 8)                          | B Heptachlo...  | 5.436 | 4.569 | 137.2E6  | 125.7E6  | 42.897 | 42.345 |
| 9)                          | A Endosulfan I  | 5.816 | 4.936 | 125.5E6  | 114.6E6  | 41.813 | 41.004 |
| 10)                         | B gamma-Chl...  | 5.690 | 4.817 | 138.3E6  | 124.2E6  | 43.537 | 41.368 |
| 11)                         | B alpha-Chl...  | 5.768 | 4.880 | 135.6E6  | 125.7E6  | 42.257 | 41.866 |
| 12)                         | B 4,4'-DDE      | 5.947 | 5.070 | 118.1E6  | 106.4E6  | 42.849 | 43.801 |
| 13)                         | MA Dieldrin     | 6.090 | 5.200 | 130.2E6  | 122.5E6  | 43.287 | 43.381 |
| 14)                         | MA Endrin       | 6.318 | 5.474 | 110.8E6  | 107.9E6  | 41.219 | 42.512 |
| 15)                         | B Endosulfa...  | 6.540 | 5.770 | 106.7E6  | 107.1E6  | 39.444 | 43.287 |
| 16)                         | A 4,4'-DDD      | 6.462 | 5.625 | 97134792 | 87157106 | 44.700 | 45.318 |
| 17)                         | MA 4,4'-DDT     | 6.773 | 5.873 | 100.7E6  | 94809960 | 40.219 | 42.496 |
| 18)                         | B Endrin al...  | 6.670 | 5.950 | 91502473 | 89273016 | 45.509 | 45.145 |
| 19)                         | B Endosulfa...  | 6.905 | 6.173 | 108.0E6  | 102.5E6  | 42.132 | 41.873 |
| 20)                         | A Methoxychlor  | 7.254 | 6.452 | 55976193 | 54100689 | 42.330 | 42.540 |
| 21)                         | B Endrin ke...  | 7.384 | 6.677 | 114.6E6  | 118.1E6  | 44.935 | 43.671 |
| 22)                         | Mirex           | 7.848 | 6.848 | 86054763 | 98110679 | 41.056 | 41.931 |
| -----                       |                 |       |       |          |          |        |        |

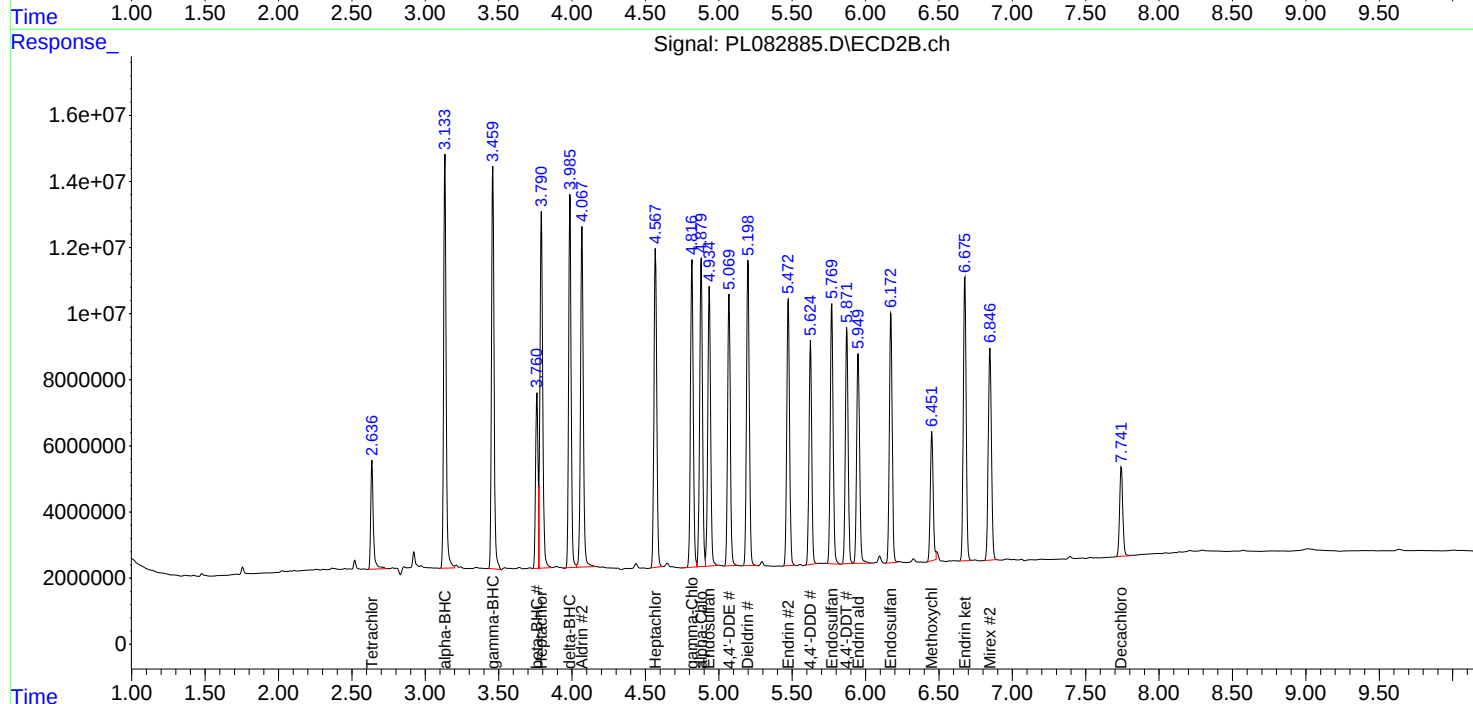
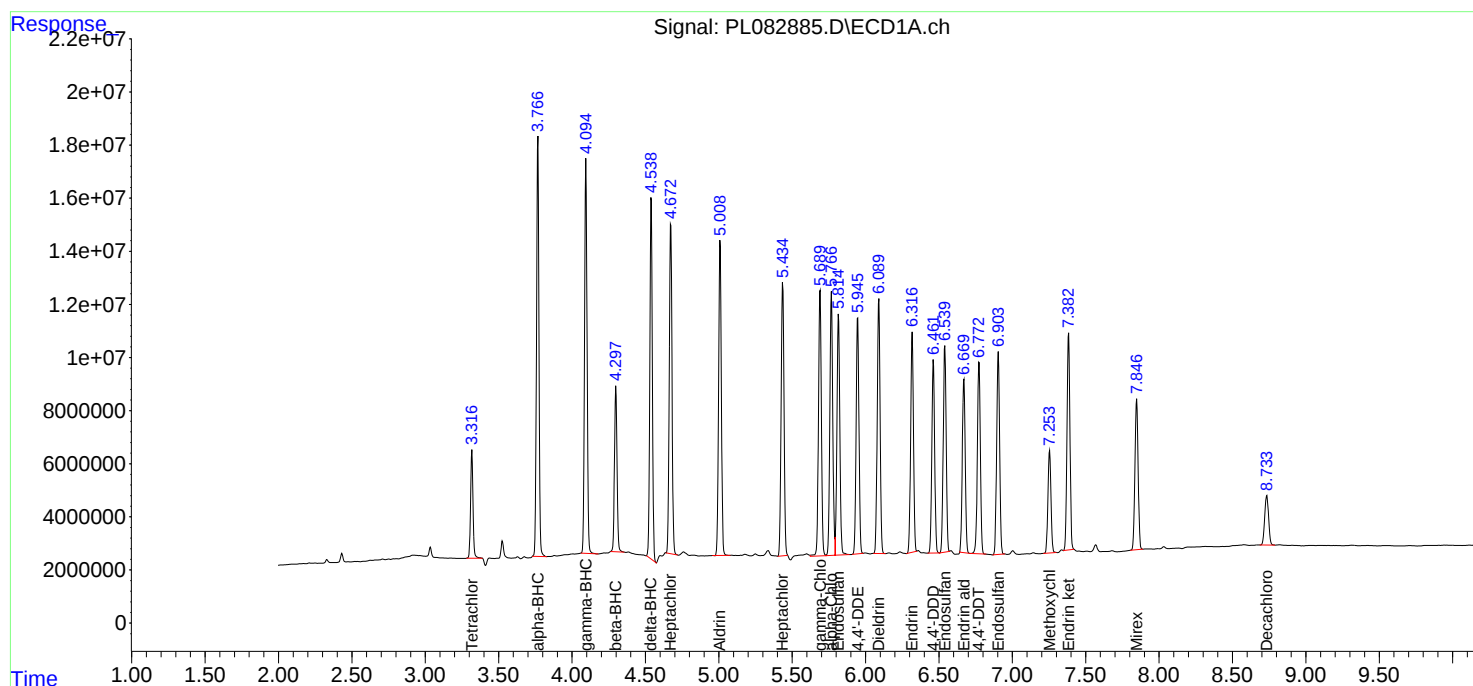
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

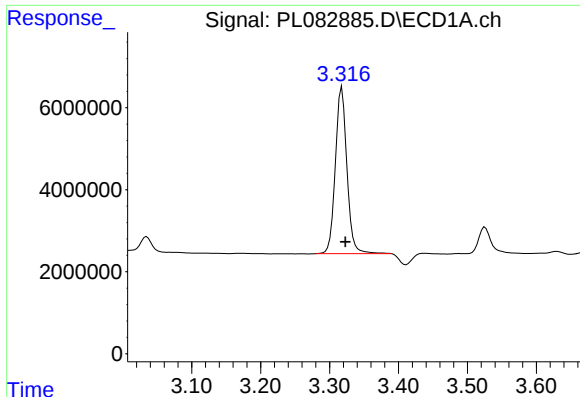
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052223\  
Data File : PL082885.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2023 18:46  
Operator : AR\AJ  
Sample : 02747-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 21:48:49 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
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Response via : Initial Calibration  
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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

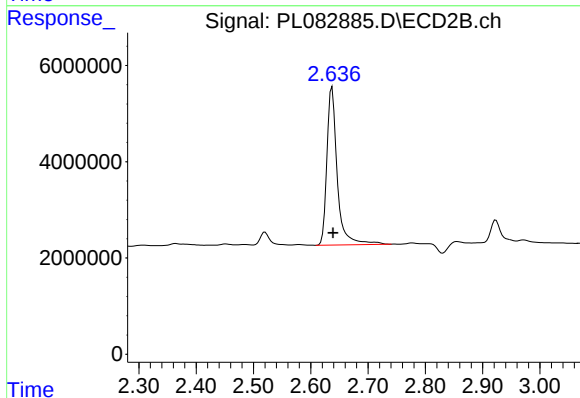




#1 Tetrachloro-m-xylene

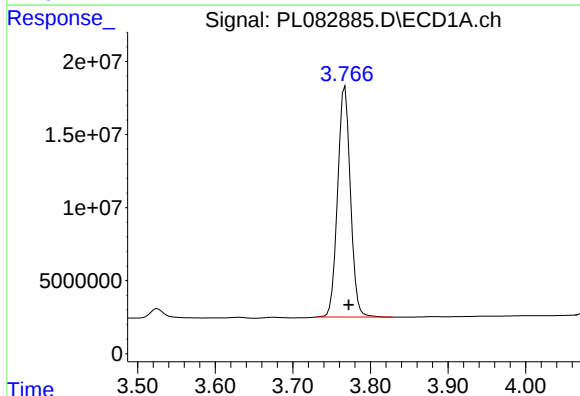
R.T.: 3.318 min  
Delta R.T.: -0.005 min  
Response: 47346268  
Conc: 16.11 ng/ml

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



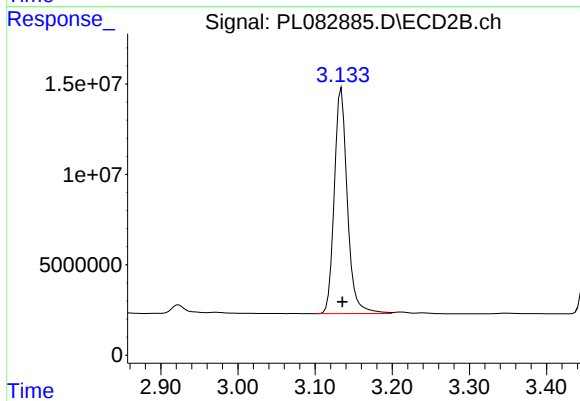
#1 Tetrachloro-m-xylene

R.T.: 2.637 min  
Delta R.T.: -0.002 min  
Response: 41256163  
Conc: 15.89 ng/ml



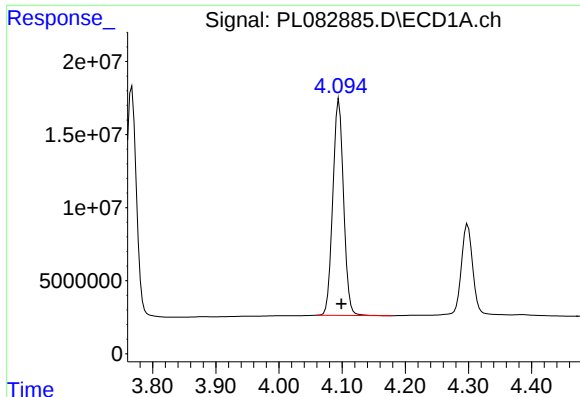
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: -0.005 min  
Response: 181414422  
Conc: 40.87 ng/ml



#2 alpha-BHC

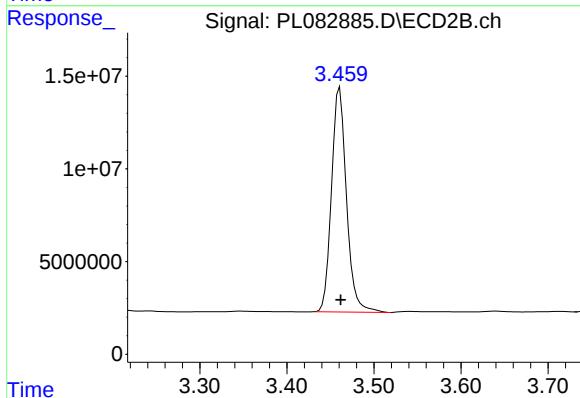
R.T.: 3.134 min  
Delta R.T.: -0.001 min  
Response: 147300935  
Conc: 39.48 ng/ml



#3 gamma-BHC (Lindane)

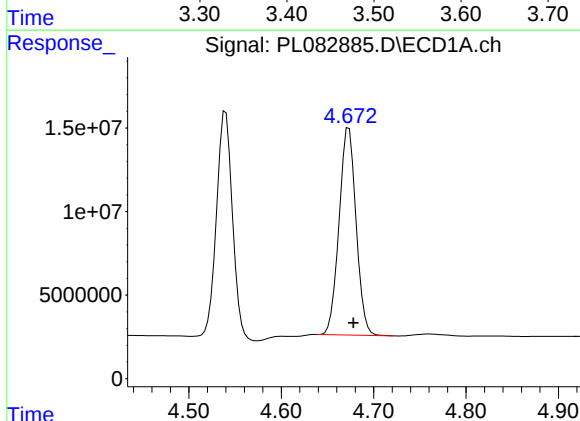
R.T.: 4.095 min  
Delta R.T.: -0.004 min  
Response: 175656821  
Conc: 42.40 ng/ml

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



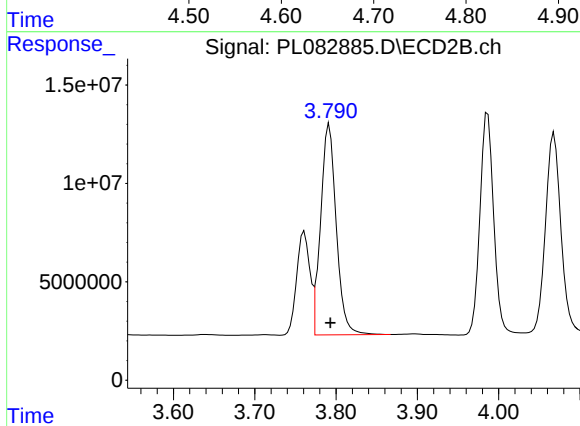
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: -0.001 min  
Response: 144981051  
Conc: 43.49 ng/ml



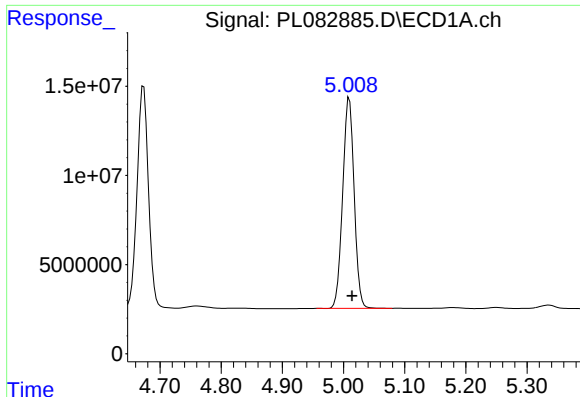
#4 Heptachlor

R.T.: 4.673 min  
Delta R.T.: -0.005 min  
Response: 158637666  
Conc: 41.50 ng/ml



#4 Heptachlor

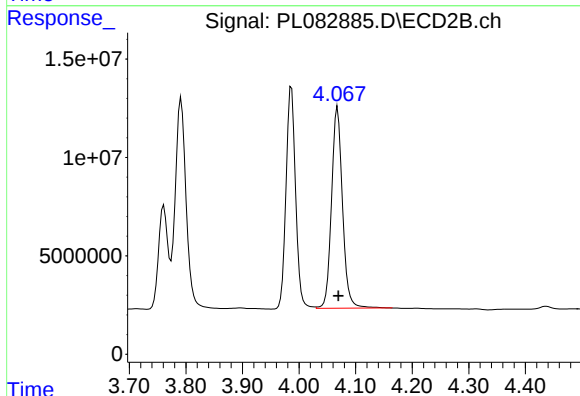
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 143623412  
Conc: 39.23 ng/ml



#5 Aldrin

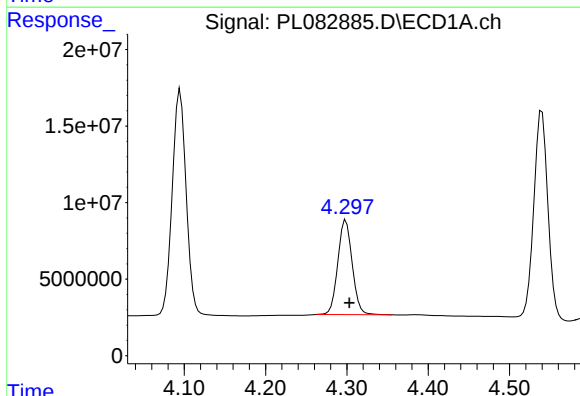
R.T.: 5.009 min  
Delta R.T.: -0.005 min  
Response: 153926839  
Conc: 43.75 ng/ml

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



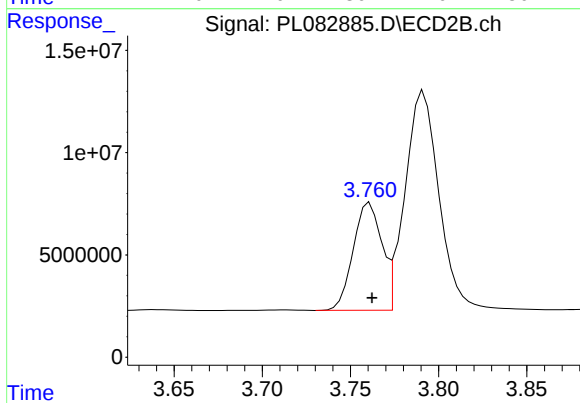
#5 Aldrin

R.T.: 4.068 min  
Delta R.T.: -0.002 min  
Response: 138055440  
Conc: 42.43 ng/ml



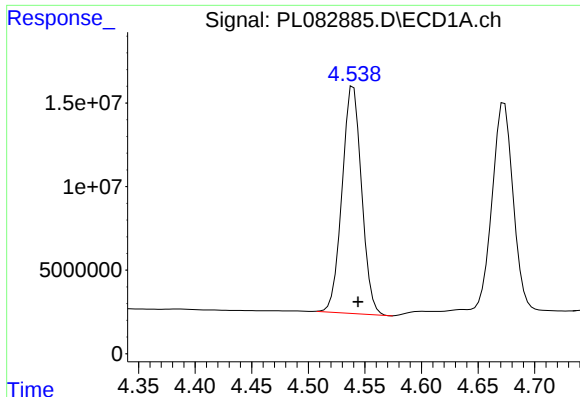
#6 beta-BHC

R.T.: 4.299 min  
Delta R.T.: -0.004 min  
Response: 75986645  
Conc: 40.36 ng/ml



#6 beta-BHC

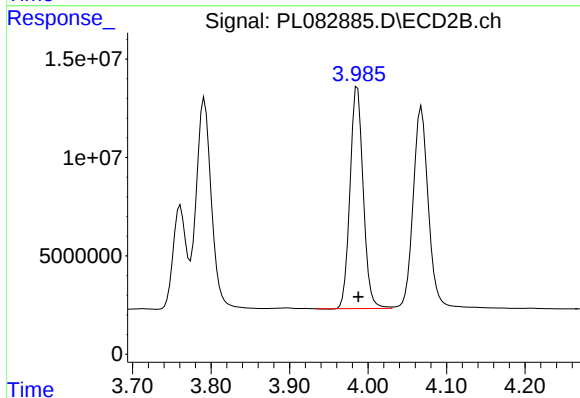
R.T.: 3.761 min  
Delta R.T.: -0.001 min  
Response: 59139804  
Conc: 41.35 ng/ml



#7 delta-BHC

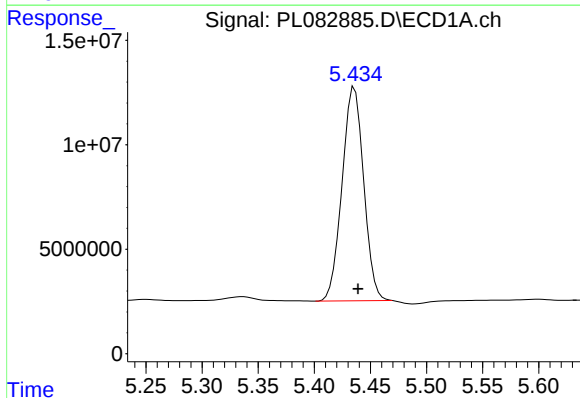
R.T.: 4.540 min  
Delta R.T.: -0.004 min  
Response: 163005951  
Conc: 47.40 ng/ml

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



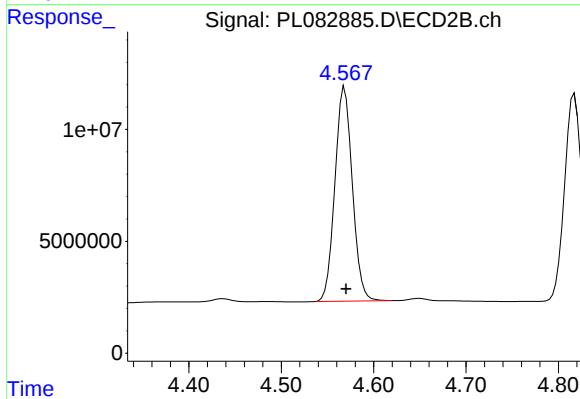
#7 delta-BHC

R.T.: 3.987 min  
Delta R.T.: -0.001 min  
Response: 131939840  
Conc: 40.27 ng/ml



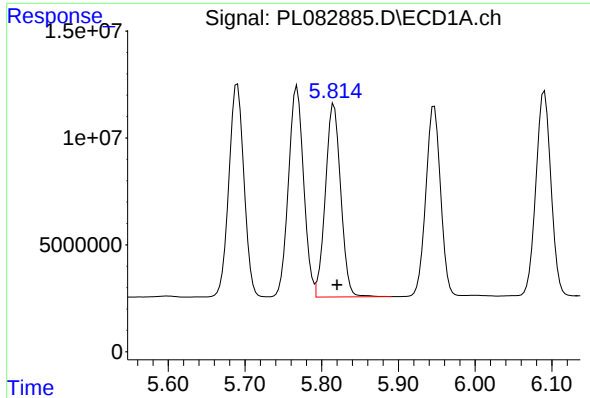
#8 Heptachlor epoxide

R.T.: 5.436 min  
Delta R.T.: -0.003 min  
Response: 137216062  
Conc: 42.90 ng/ml



#8 Heptachlor epoxide

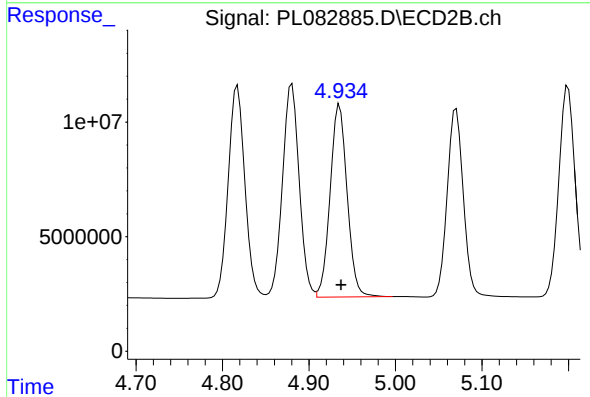
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 125674169  
Conc: 42.34 ng/ml



#9 Endosulfan I

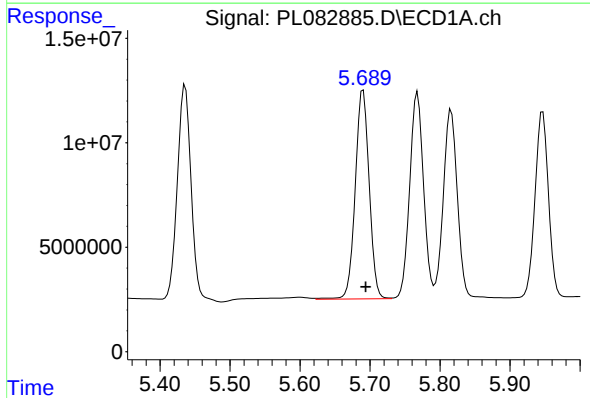
R.T.: 5.816 min  
Delta R.T.: -0.004 min  
Response: 125462821  
Conc: 41.81 ng/ml

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



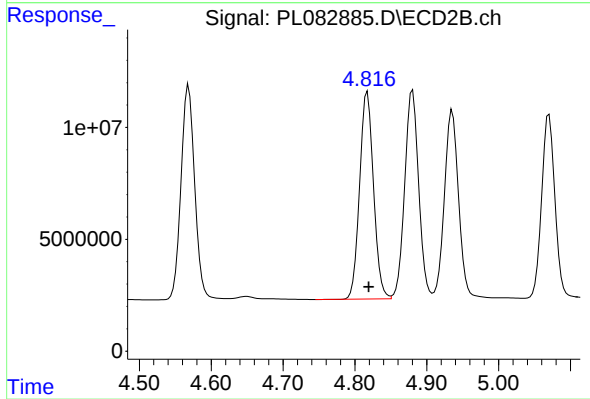
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: -0.002 min  
Response: 114581445  
Conc: 41.00 ng/ml



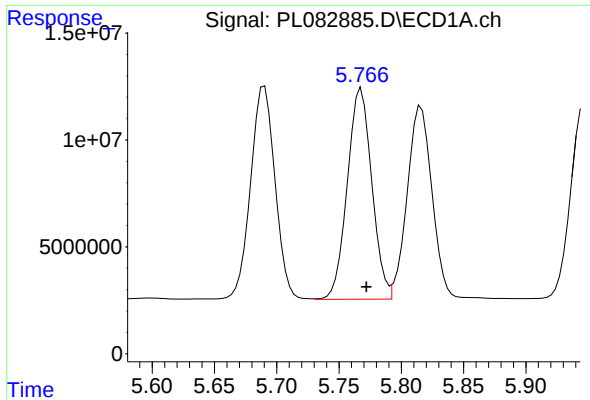
#10 gamma-Chlordane

R.T.: 5.690 min  
Delta R.T.: -0.004 min  
Response: 138315823  
Conc: 43.54 ng/ml



#10 gamma-Chlordane

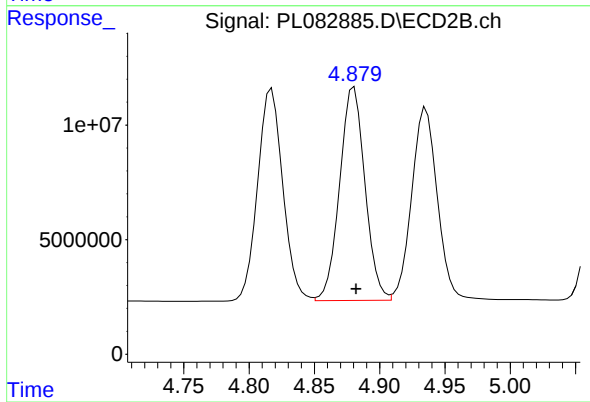
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 124244796  
Conc: 41.37 ng/ml



#11 alpha-Chlordane

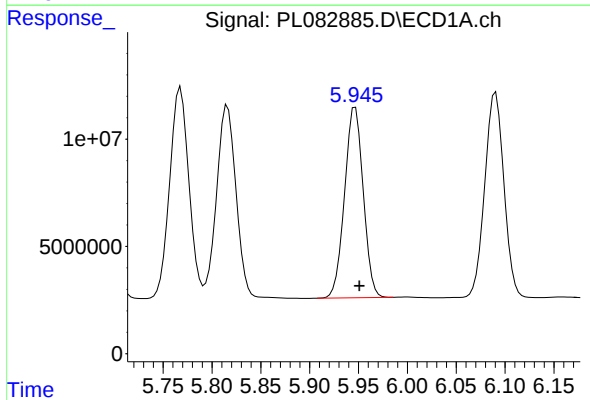
R.T.: 5.768 min  
Delta R.T.: -0.004 min  
Response: 135617283  
Conc: 42.26 ng/ml

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



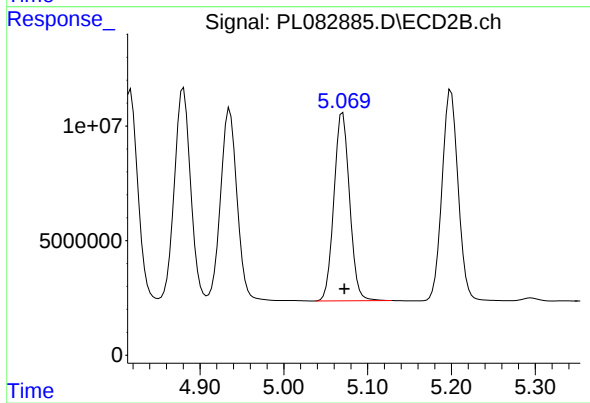
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.001 min  
Response: 125679978  
Conc: 41.87 ng/ml



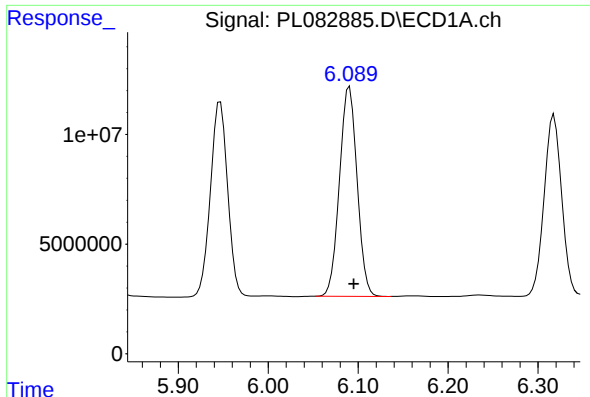
#12 4,4'-DDE

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 118113234  
Conc: 42.85 ng/ml



#12 4,4'-DDE

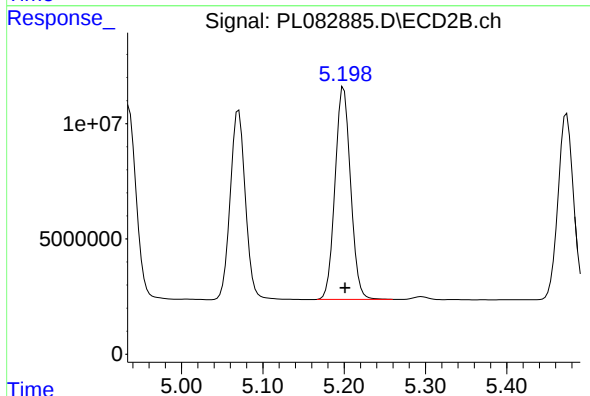
R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 106382650  
Conc: 43.80 ng/ml



#13 Dieldrin

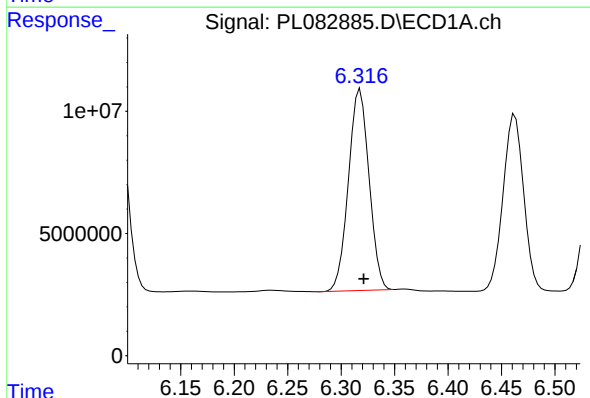
R.T.: 6.090 min  
Delta R.T.: -0.005 min  
Response: 130201978  
Conc: 43.29 ng/ml

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



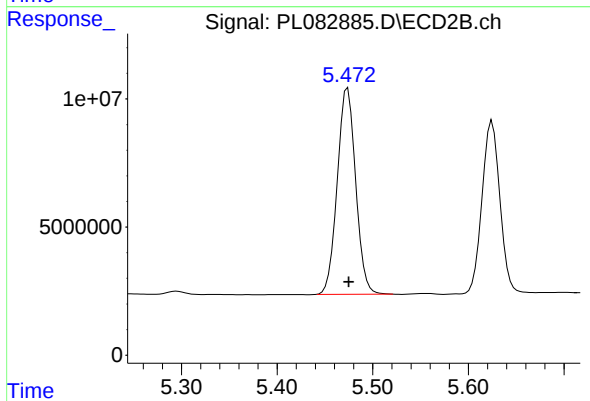
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: -0.002 min  
Response: 122459851  
Conc: 43.38 ng/ml



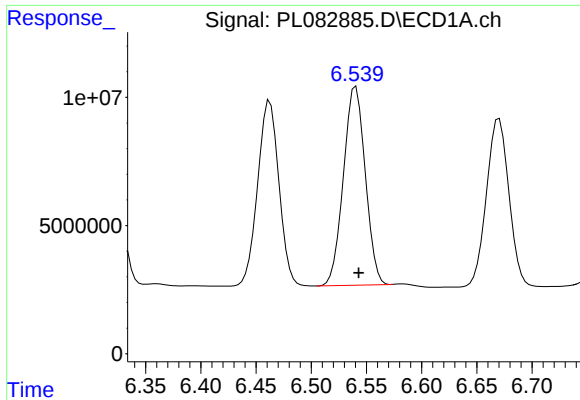
#14 Endrin

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 110764517  
Conc: 41.22 ng/ml



#14 Endrin

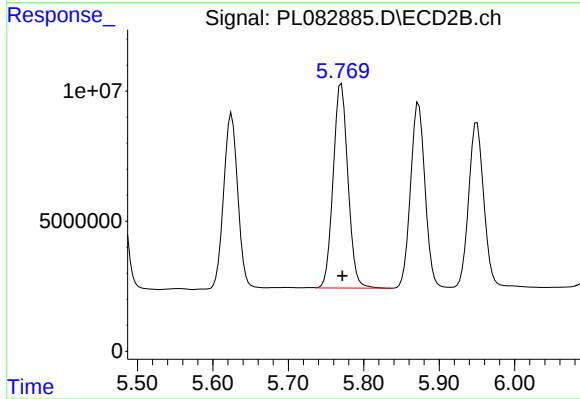
R.T.: 5.474 min  
Delta R.T.: -0.001 min  
Response: 107850104  
Conc: 42.51 ng/ml



#15 Endosulfan II

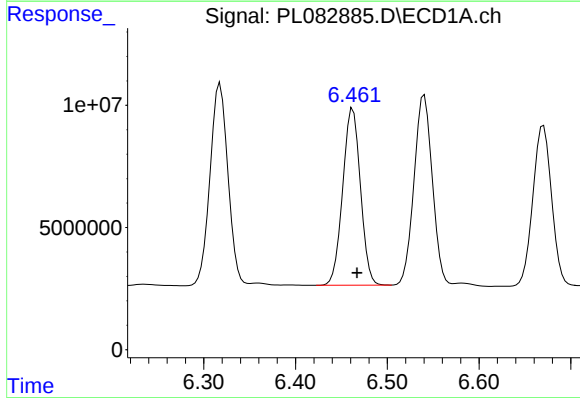
R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 106685887  
Conc: 39.44 ng/ml

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



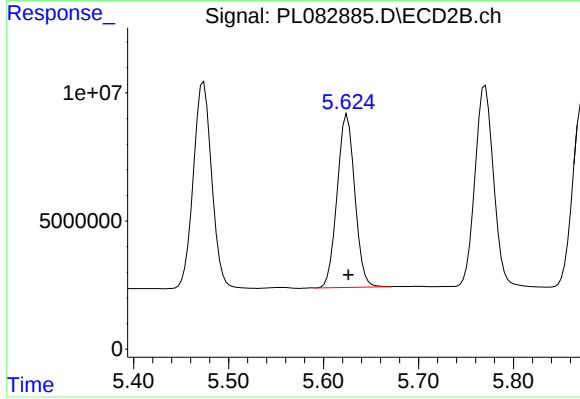
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 107099637  
Conc: 43.29 ng/ml



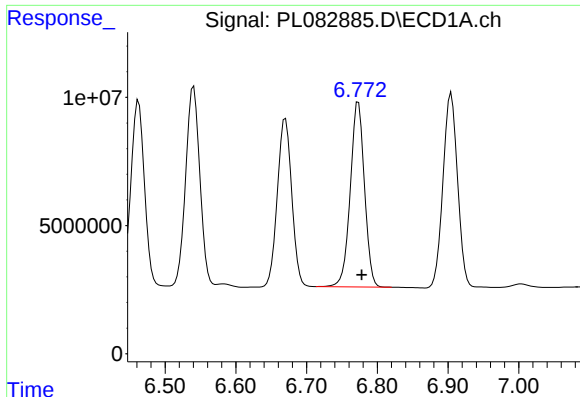
#16 4,4'-DDD

R.T.: 6.462 min  
Delta R.T.: -0.005 min  
Response: 97134792  
Conc: 44.70 ng/ml



#16 4,4'-DDD

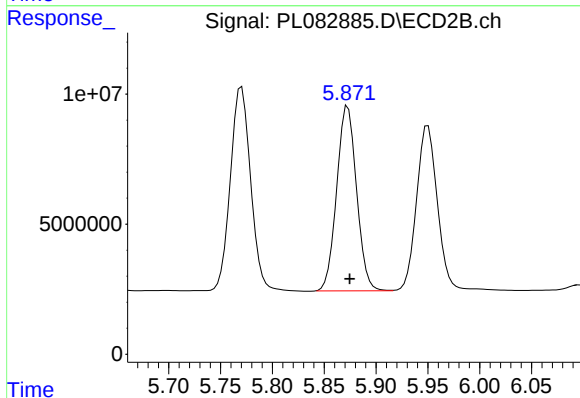
R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 87157106  
Conc: 45.32 ng/ml



#17 4,4'-DDT

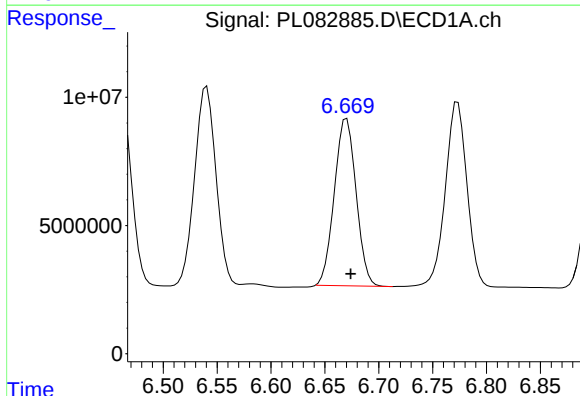
R.T.: 6.773 min  
Delta R.T.: -0.005 min  
Response: 100676095  
Conc: 40.22 ng/ml

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



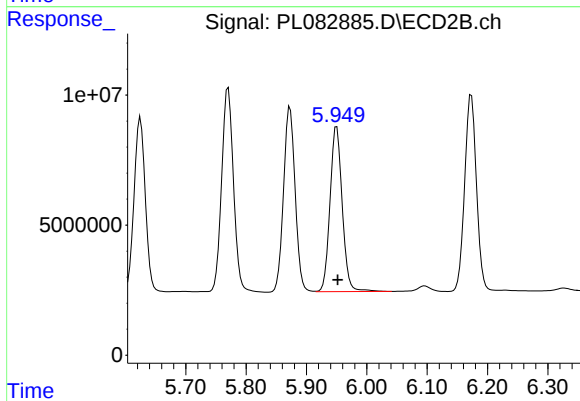
#17 4,4'-DDT

R.T.: 5.873 min  
Delta R.T.: -0.002 min  
Response: 94809960  
Conc: 42.50 ng/ml



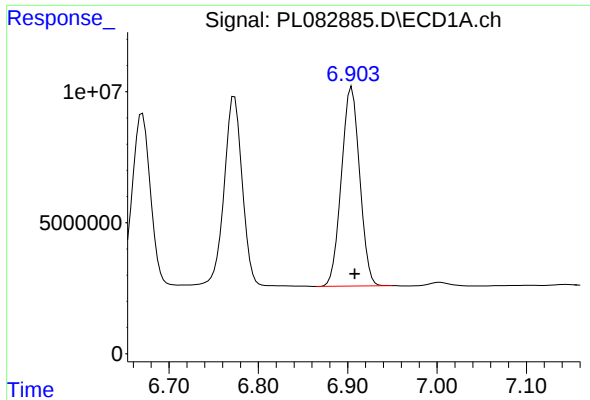
#18 Endrin aldehyde

R.T.: 6.670 min  
Delta R.T.: -0.004 min  
Response: 91502473  
Conc: 45.51 ng/ml



#18 Endrin aldehyde

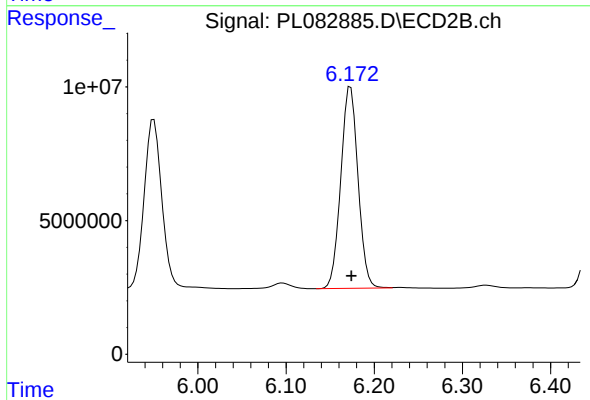
R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 89273016  
Conc: 45.15 ng/ml



#19 Endosulfan Sulfate

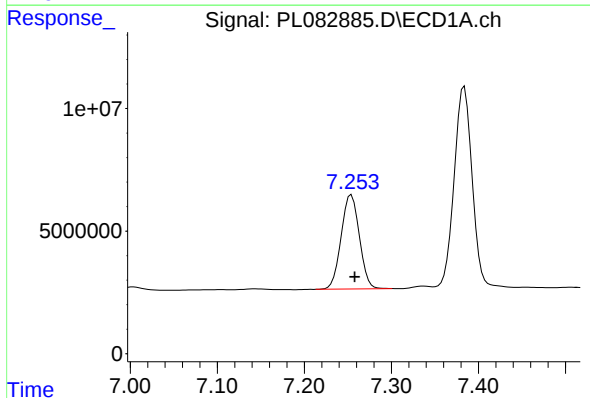
R.T.: 6.905 min  
Delta R.T.: -0.003 min  
Response: 108014565  
Conc: 42.13 ng/ml

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



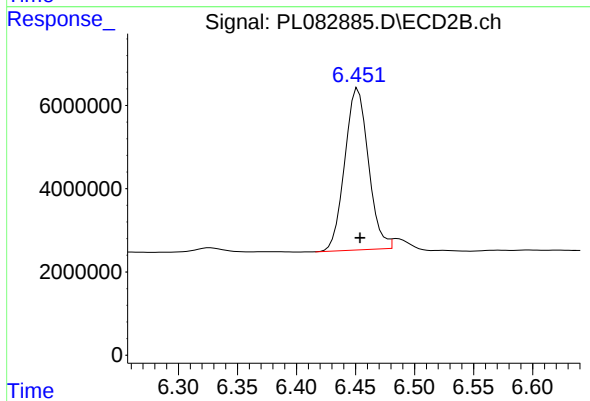
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 102545279  
Conc: 41.87 ng/ml



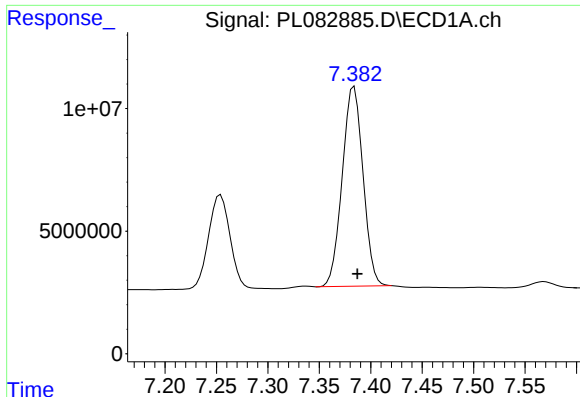
#20 Methoxychlor

R.T.: 7.254 min  
Delta R.T.: -0.004 min  
Response: 55976193  
Conc: 42.33 ng/ml



#20 Methoxychlor

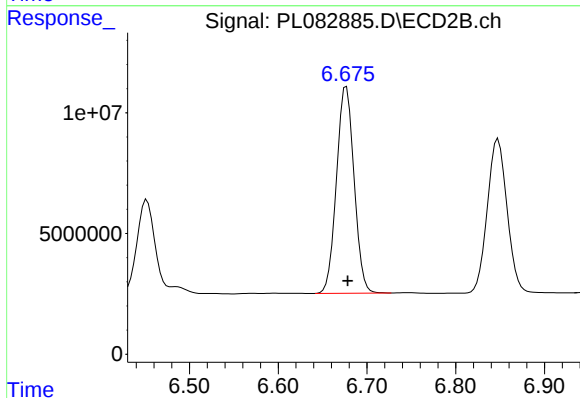
R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 54100689  
Conc: 42.54 ng/ml



#21 Endrin ketone

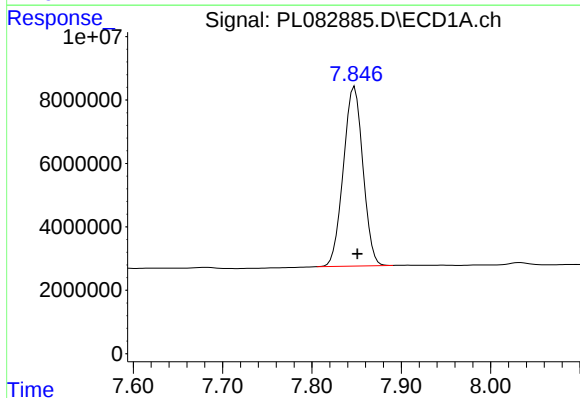
R.T.: 7.384 min  
Delta R.T.: -0.003 min  
Response: 114620992  
Conc: 44.94 ng/ml

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



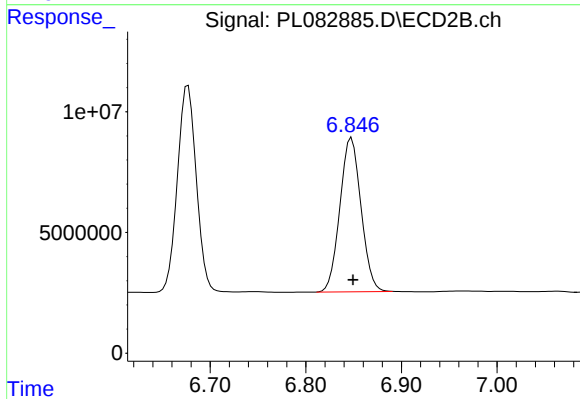
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.001 min  
Response: 118080689  
Conc: 43.67 ng/ml



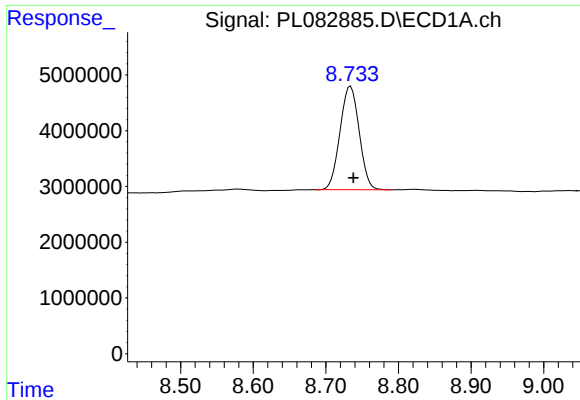
#22 Mirex

R.T.: 7.848 min  
Delta R.T.: -0.003 min  
Response: 86054763  
Conc: 41.06 ng/ml



#22 Mirex

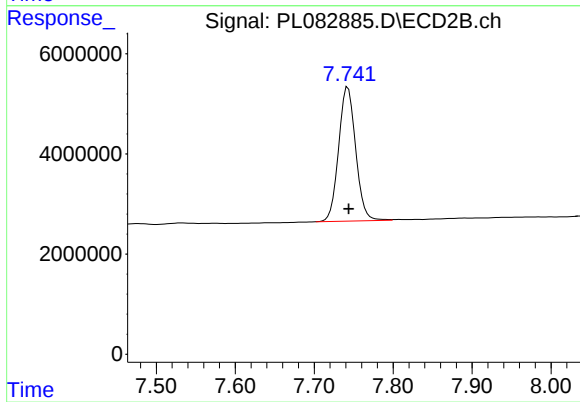
R.T.: 6.848 min  
Delta R.T.: -0.002 min  
Response: 98110679  
Conc: 41.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.734 min  
Delta R.T.: -0.004 min  
Response: 34141942  
Conc: 16.28 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 40194026  
Conc: 16.16 ng/ml