

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065802.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 20:55  
 Operator : AR\AJ  
 Sample : M1854-01MSD  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1S-(0-4)MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:18:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.278 | 3.781 | 52986258 | 56131250 | 20.340 | 20.449 |
| 2)                          | SA Decachlor... | 7.911 | 8.727 | 41904632 | 40391779 | 18.093 | 17.916 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.701 | 4.166 | 212.9E6  | 206.2E6  | 52.043 | 50.740 |
| 3)                          | MA gamma-BHC... | 3.973 | 4.445 | 190.3E6  | 186.1E6  | 51.404 | 50.844 |
| 4)                          | MA Heptachlor   | 4.258 | 4.930 | 174.5E6  | 170.2E6  | 48.441 | 48.233 |
| 5)                          | MB Aldrin       | 4.495 | 5.226 | 162.2E6  | 155.3E6  | 47.500 | 47.037 |
| 6)                          | B beta-BHC      | 4.224 | 4.629 | 79744992 | 84834219 | 50.031 | 48.705 |
| 7)                          | B delta-BHC     | 4.417 | 4.836 | 179.2E6  | 146.0E6  | 49.811 | 48.961 |
| 8)                          | B Heptachlo...  | 4.926 | 5.613 | 154.5E6  | 147.8E6  | 49.147 | 47.587 |
| 9)                          | A Endosulfan I  | 5.253 | 5.963 | 144.9E6  | 132.3E6  | 50.267 | 48.174 |
| 10)                         | B gamma-Chl...  | 5.147 | 5.843 | 155.2E6  | 139.7E6  | 49.310 | 46.569 |
| 11)                         | B alpha-Chl...  | 5.203 | 5.913 | 150.4E6  | 138.5E6  | 48.341 | 46.796 |
| 12)                         | B 4,4'-DDE      | 5.370 | 6.078 | 134.3E6  | 123.7E6  | 48.676 | 47.342 |
| 13)                         | MA Dieldrin     | 5.490 | 6.219 | 149.1E6  | 136.8E6  | 51.018 | 48.532 |
| 14)                         | MA Endrin       | 5.739 | 6.434 | 128.3E6  | 117.6E6  | 47.501 | 47.223 |
| 15)                         | B Endosulfa...  | 6.012 | 6.651 | 122.4E6  | 118.0E6  | 49.292 | 49.917 |
| 16)                         | A 4,4'-DDD      | 5.875 | 6.568 | 111.0E6  | 106.2E6  | 48.902 | 50.377 |
| 17)                         | MA 4,4'-DDT     | 6.108 | 6.861 | 94199504 | 91593633 | 44.712 | 40.907 |
| 18)                         | B Endrin al...  | 6.178 | 6.775 | 98733163 | 96993084 | 52.181 | 51.117 |
| 19)                         | B Endosulfa...  | 6.388 | 6.996 | 127.8E6  | 116.3E6  | 49.543 | 47.950 |
| 20)                         | A Methoxychlor  | 6.653 | 7.326 | 53654049 | 52965394 | 42.739 | 41.819 |
| 21)                         | B Endrin ke...  | 6.865 | 7.462 | 135.8E6  | 128.5E6  | 49.522 | 49.977 |
| 22)                         | Mirex           | 7.037 | 7.897 | 93271109 | 85249397 | 44.537 | 43.677 |
| -----                       |                 |       |       |          |          |        |        |

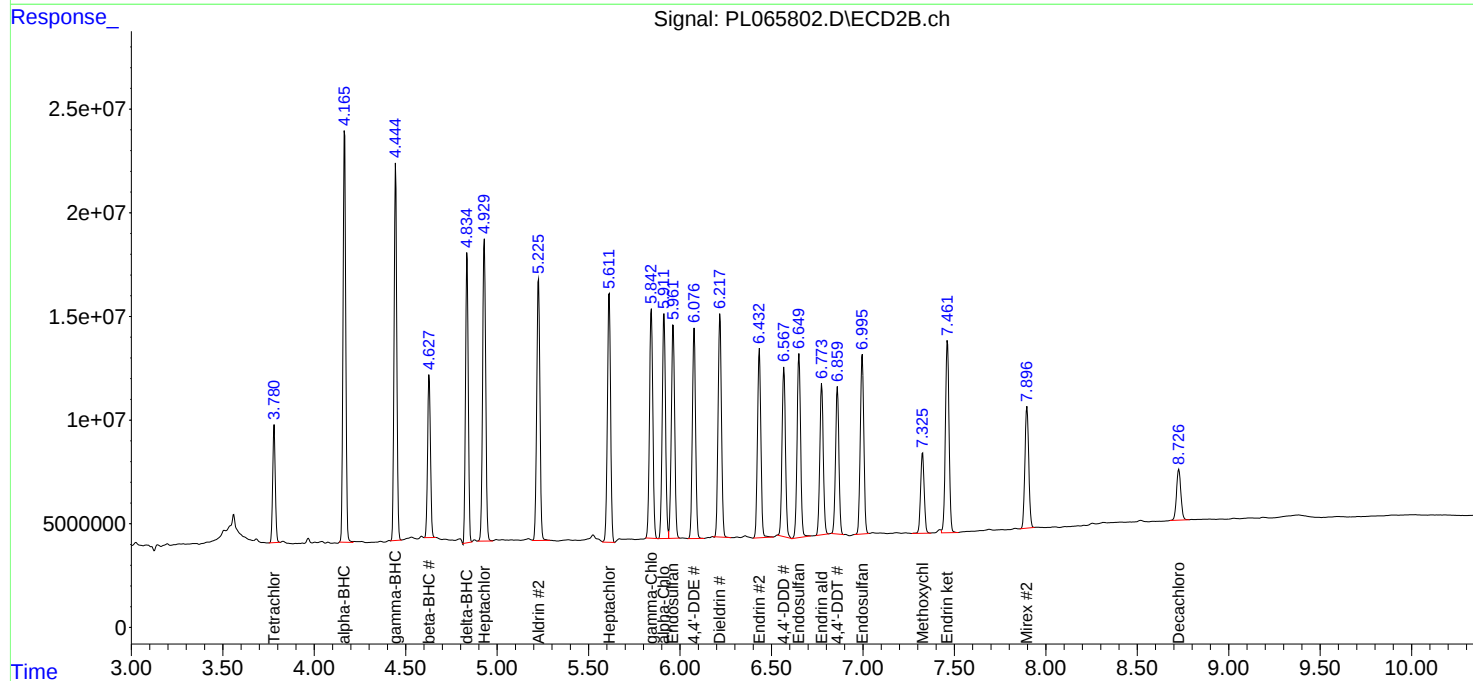
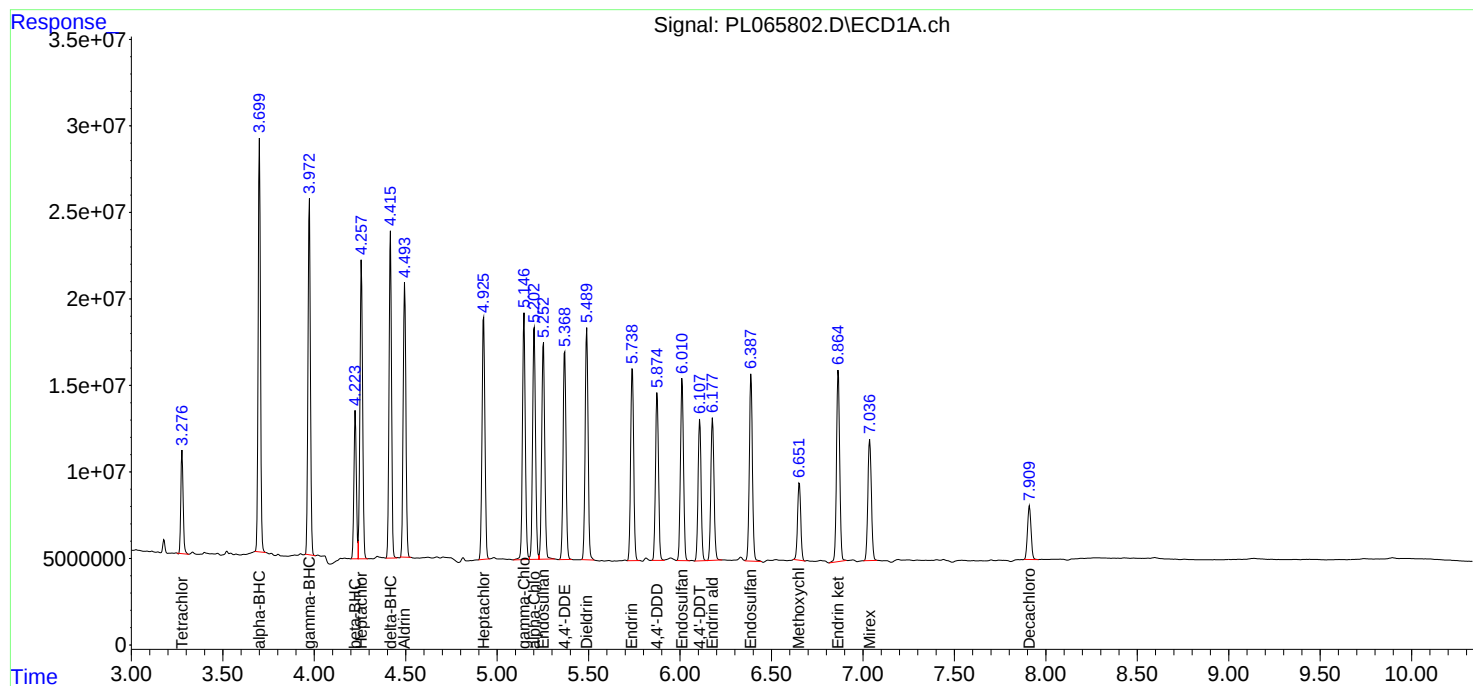
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

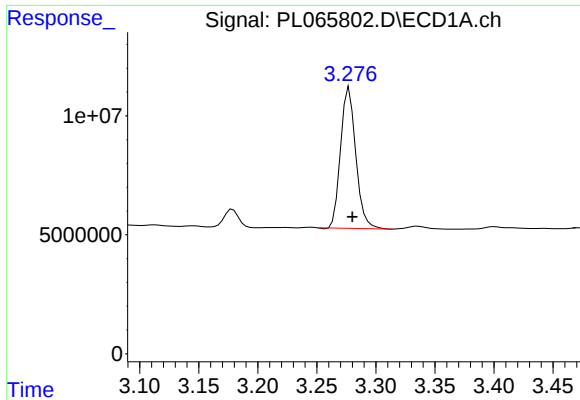
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
Data File : PL065802.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2021 20:55  
Operator : AR\AJ  
Sample : M1854-01MSD  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
TP-1S-(0-4)MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 02:18:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 31 15:57:28 2021  
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

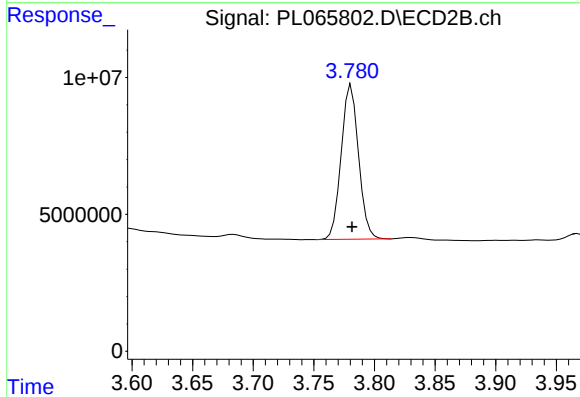




#1 Tetrachloro-m-xylene

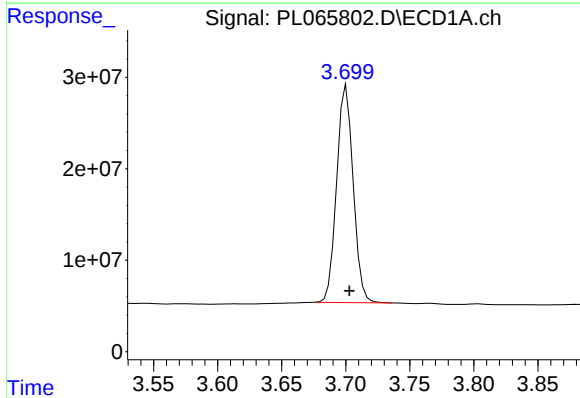
R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 52986258  
Conc: 20.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



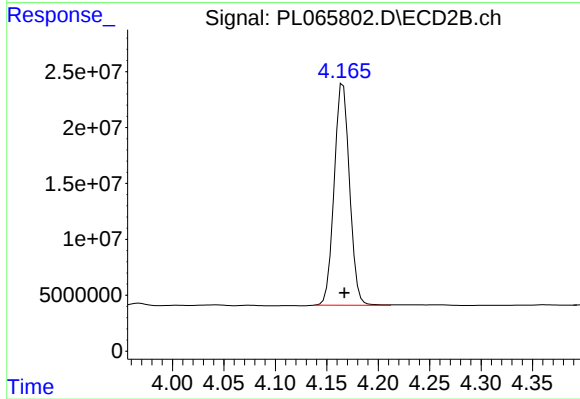
#1 Tetrachloro-m-xylene

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 56131250  
Conc: 20.45 ng/ml



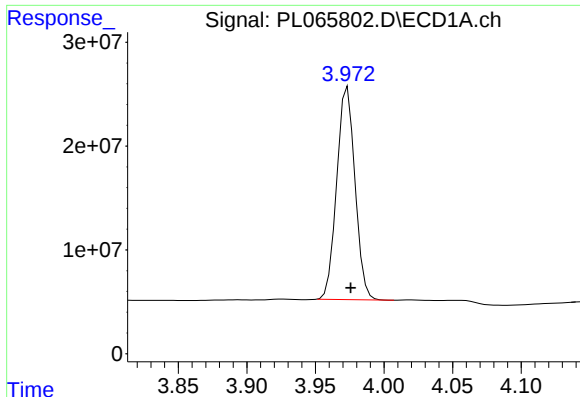
#2 alpha-BHC

R.T.: 3.701 min  
Delta R.T.: -0.002 min  
Response: 212851007  
Conc: 52.04 ng/ml



#2 alpha-BHC

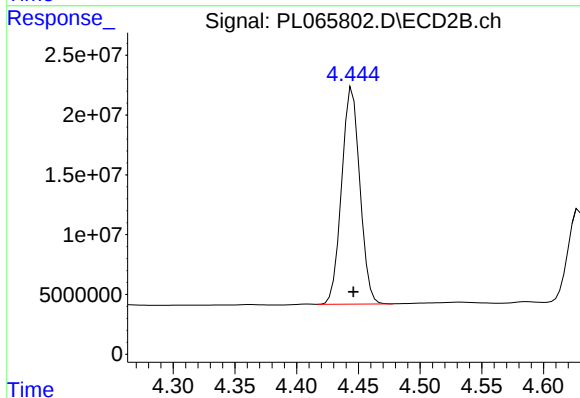
R.T.: 4.166 min  
Delta R.T.: -0.001 min  
Response: 206159848  
Conc: 50.74 ng/ml



#3 gamma-BHC (Lindane)

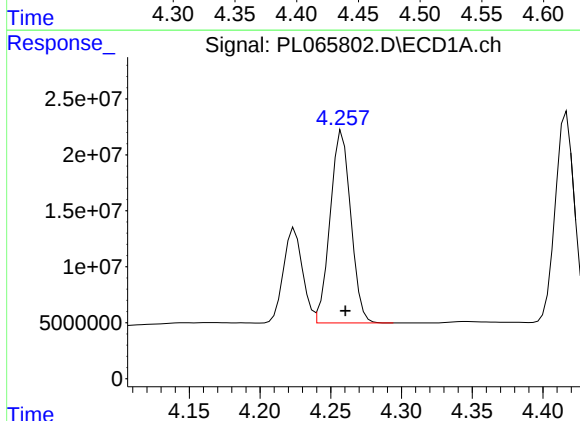
R.T.: 3.973 min  
Delta R.T.: -0.002 min  
Response: 190279781  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



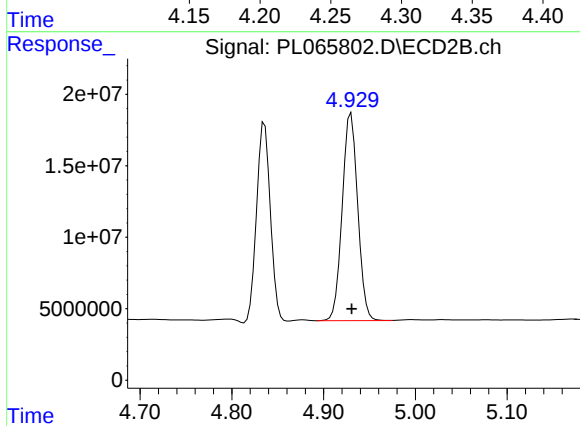
#3 gamma-BHC (Lindane)

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 186148502  
Conc: 50.84 ng/ml



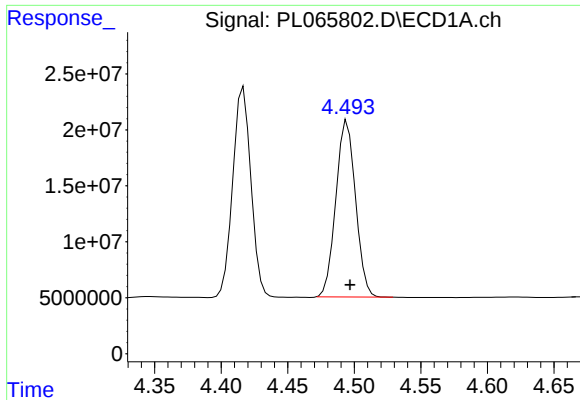
#4 Heptachlor

R.T.: 4.258 min  
Delta R.T.: -0.002 min  
Response: 174503211  
Conc: 48.44 ng/ml



#4 Heptachlor

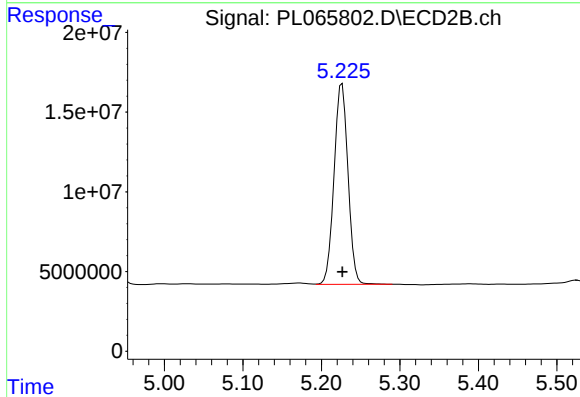
R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 170226104  
Conc: 48.23 ng/ml



#5 Aldrin

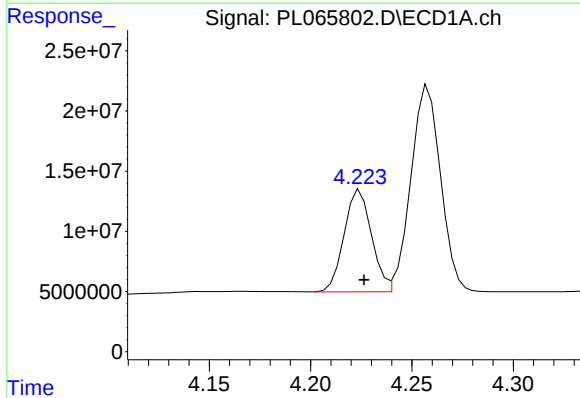
R.T.: 4.495 min  
Delta R.T.: -0.002 min  
Response: 162172730  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



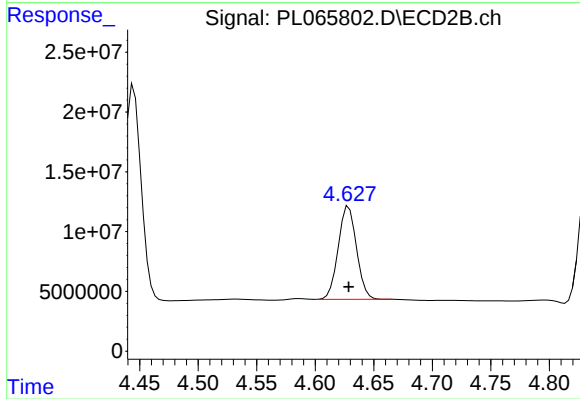
#5 Aldrin

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 155301717  
Conc: 47.04 ng/ml



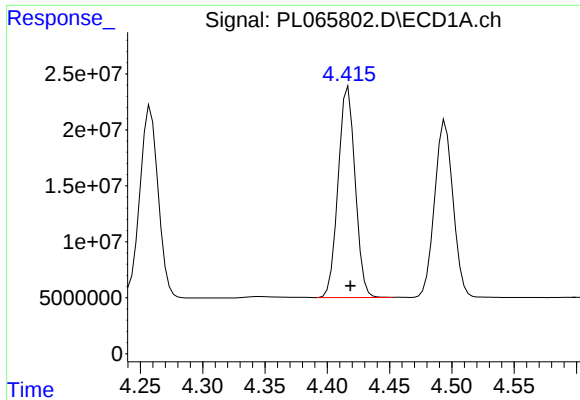
#6 beta-BHC

R.T.: 4.224 min  
Delta R.T.: -0.002 min  
Response: 79744992  
Conc: 50.03 ng/ml



#6 beta-BHC

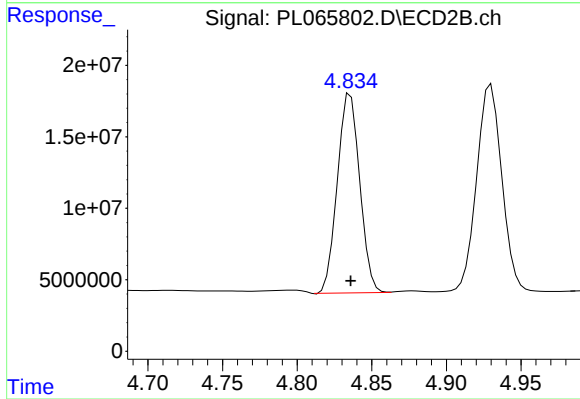
R.T.: 4.629 min  
Delta R.T.: 0.000 min  
Response: 84834219  
Conc: 48.70 ng/ml



#7 delta-BHC

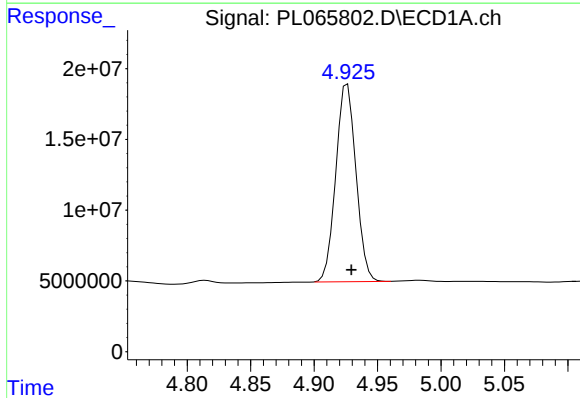
R.T.: 4.417 min  
Delta R.T.: -0.002 min  
Response: 179186884  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



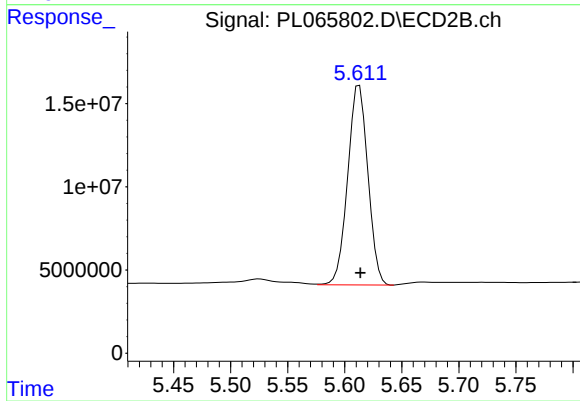
#7 delta-BHC

R.T.: 4.836 min  
Delta R.T.: 0.000 min  
Response: 146026874  
Conc: 48.96 ng/ml



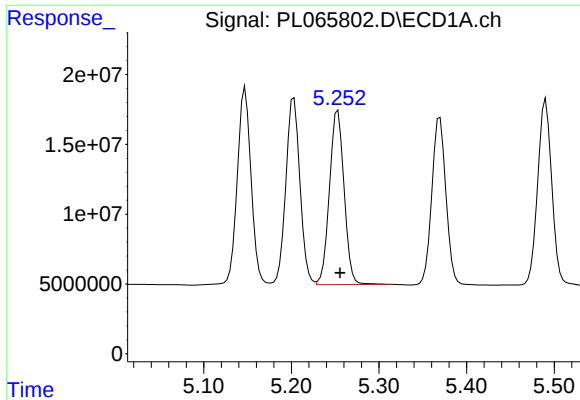
#8 Heptachlor epoxide

R.T.: 4.926 min  
Delta R.T.: -0.003 min  
Response: 154542160  
Conc: 49.15 ng/ml



#8 Heptachlor epoxide

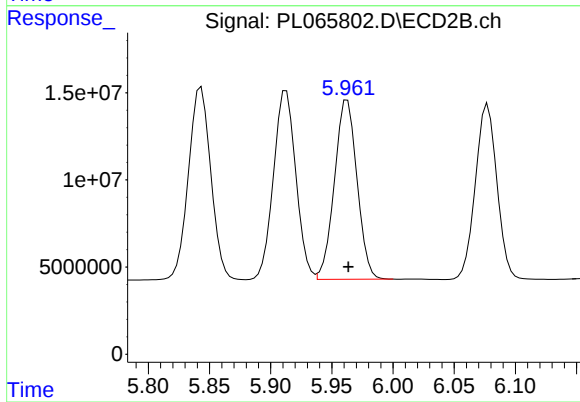
R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 147773924  
Conc: 47.59 ng/ml



#9 Endosulfan I

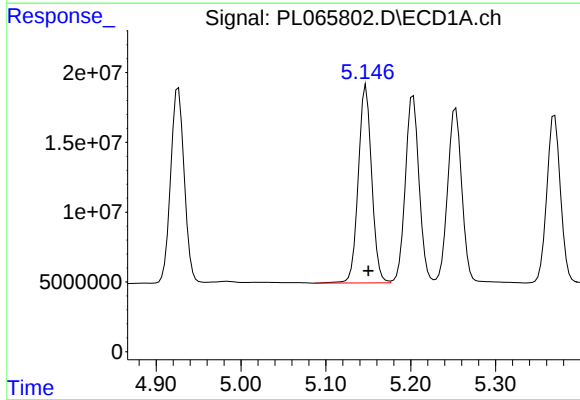
R.T.: 5.253 min  
Delta R.T.: -0.002 min  
Response: 144852564  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



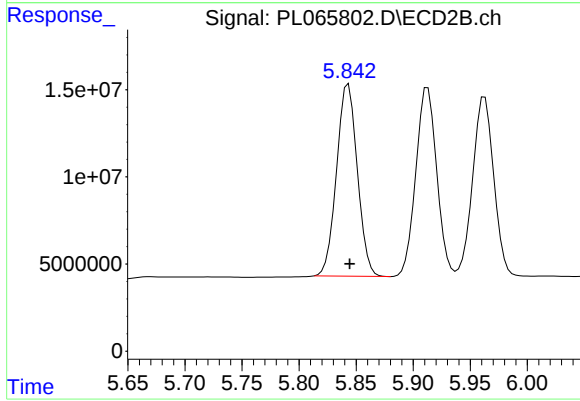
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 132254863  
Conc: 48.17 ng/ml



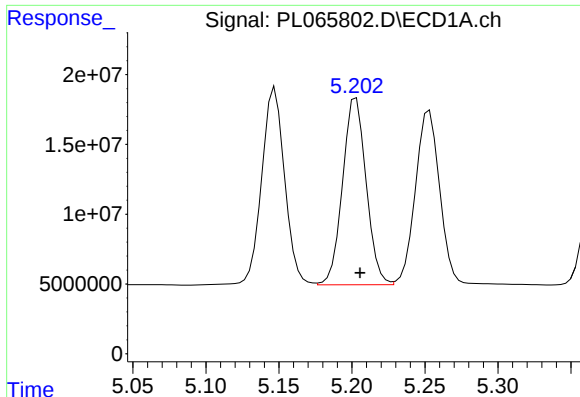
#10 gamma-Chlordane

R.T.: 5.147 min  
Delta R.T.: -0.003 min  
Response: 155176113  
Conc: 49.31 ng/ml



#10 gamma-Chlordane

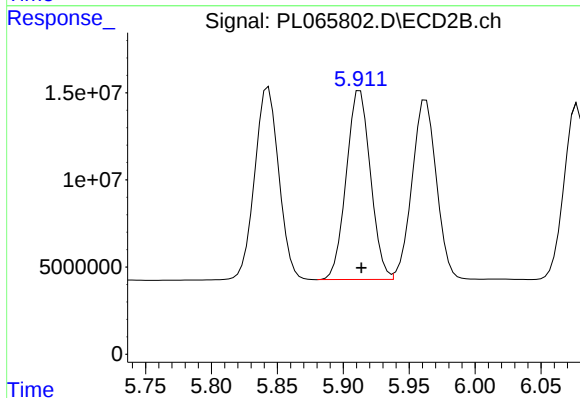
R.T.: 5.843 min  
Delta R.T.: -0.001 min  
Response: 139722548  
Conc: 46.57 ng/ml



#11 alpha-Chlordane

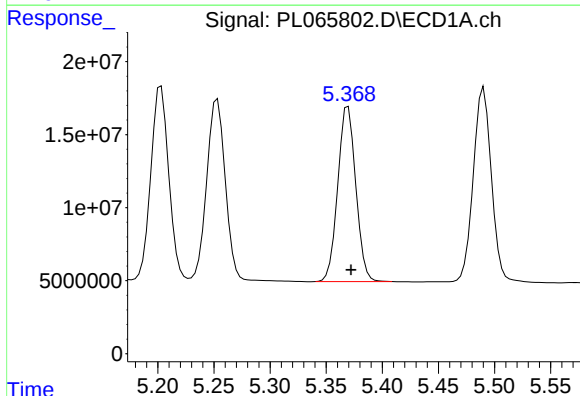
R.T.: 5.203 min  
Delta R.T.: -0.003 min  
Response: 150410940  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



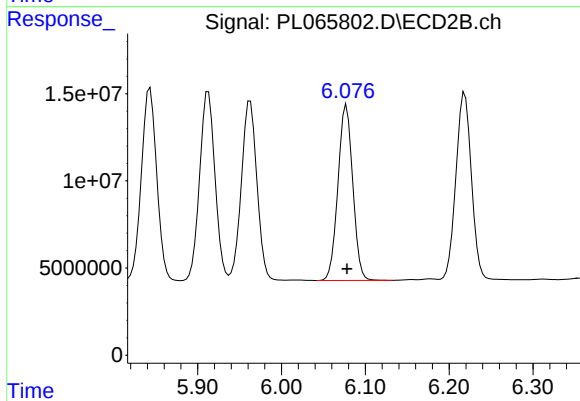
#11 alpha-Chlordane

R.T.: 5.913 min  
Delta R.T.: -0.001 min  
Response: 138474765  
Conc: 46.80 ng/ml



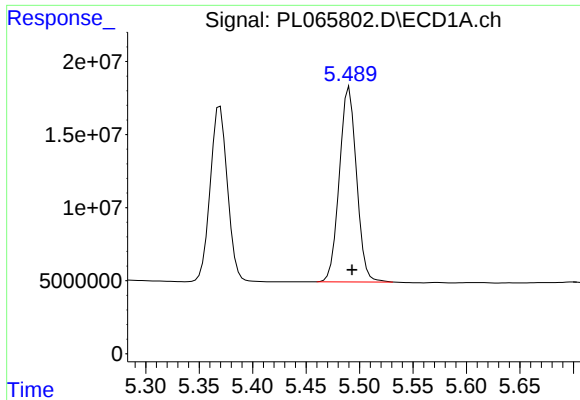
#12 4,4'-DDE

R.T.: 5.370 min  
Delta R.T.: -0.003 min  
Response: 134297088  
Conc: 48.68 ng/ml



#12 4,4'-DDE

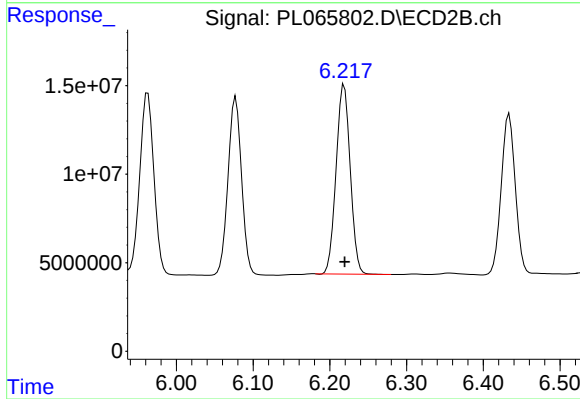
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 123682720  
Conc: 47.34 ng/ml



#13 Dieldrin

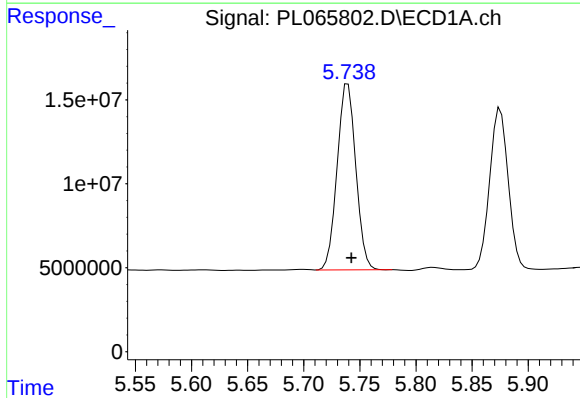
R.T.: 5.490 min  
Delta R.T.: -0.003 min  
Response: 149054599  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



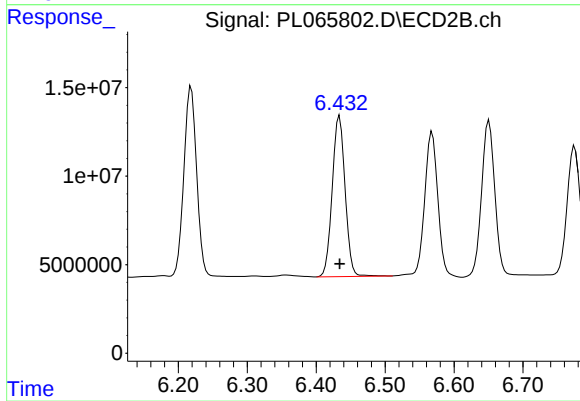
#13 Dieldrin

R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 136778369  
Conc: 48.53 ng/ml



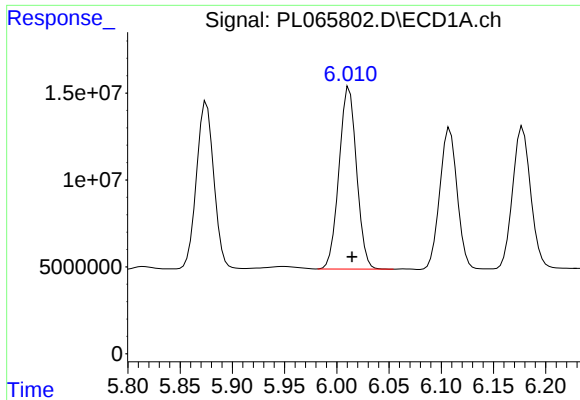
#14 Endrin

R.T.: 5.739 min  
Delta R.T.: -0.003 min  
Response: 128251460  
Conc: 47.50 ng/ml



#14 Endrin

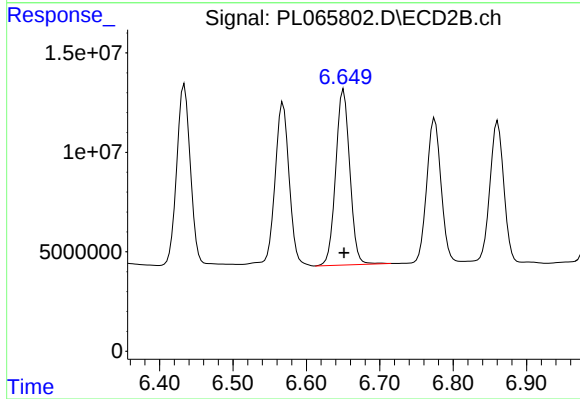
R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 117621417  
Conc: 47.22 ng/ml



#15 Endosulfan II

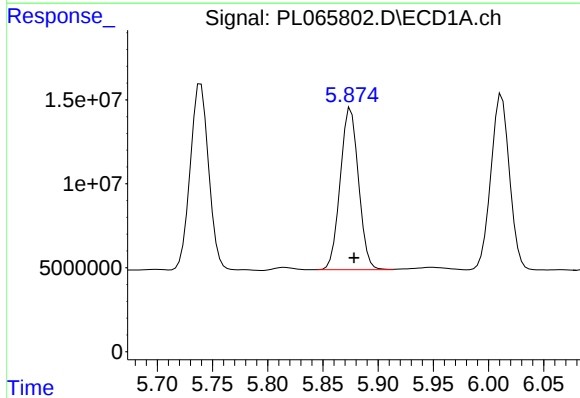
R.T.: 6.012 min  
Delta R.T.: -0.003 min  
Response: 122418720  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



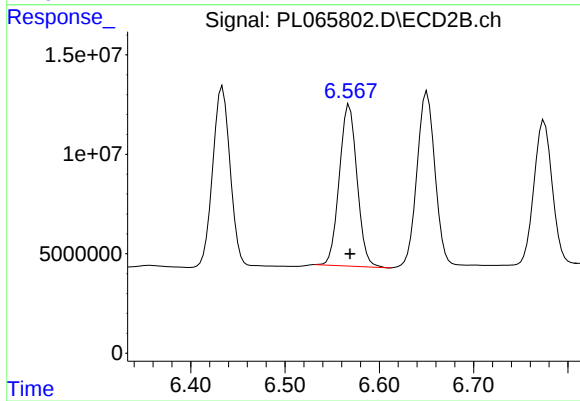
#15 Endosulfan II

R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 117976165  
Conc: 49.92 ng/ml



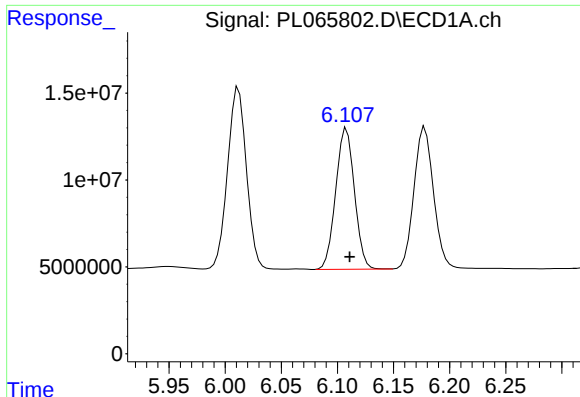
#16 4,4'-DDD

R.T.: 5.875 min  
Delta R.T.: -0.003 min  
Response: 110960335  
Conc: 48.90 ng/ml



#16 4,4'-DDD

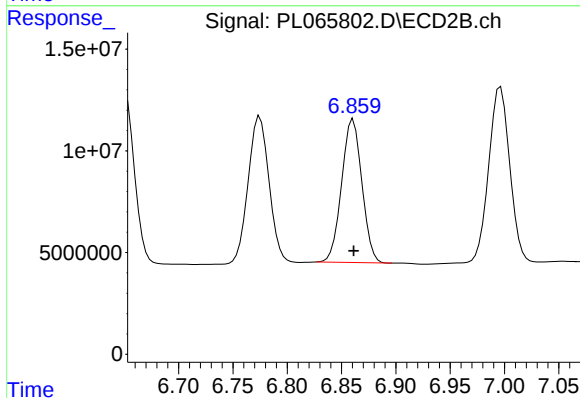
R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 106181854  
Conc: 50.38 ng/ml



#17 4,4'-DDT

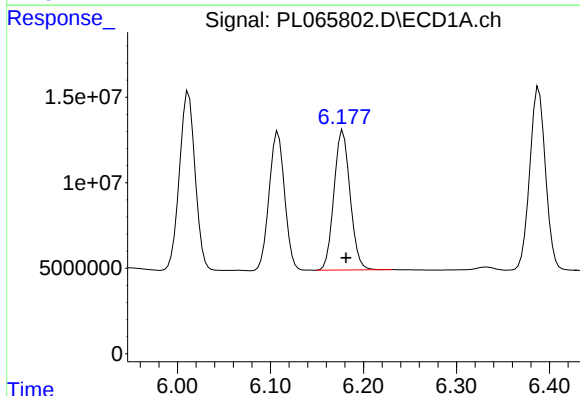
R.T.: 6.108 min  
Delta R.T.: -0.003 min  
Response: 94199504  
Conc: 44.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



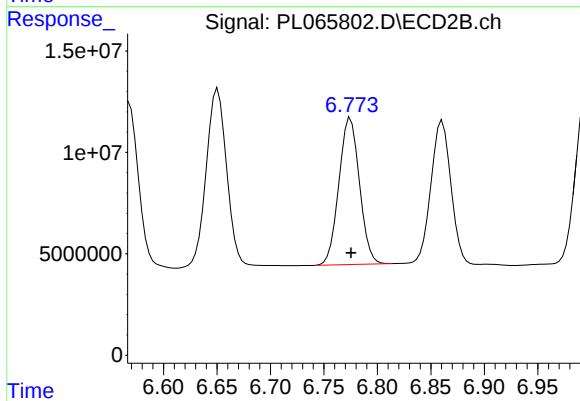
#17 4,4'-DDT

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 91593633  
Conc: 40.91 ng/ml



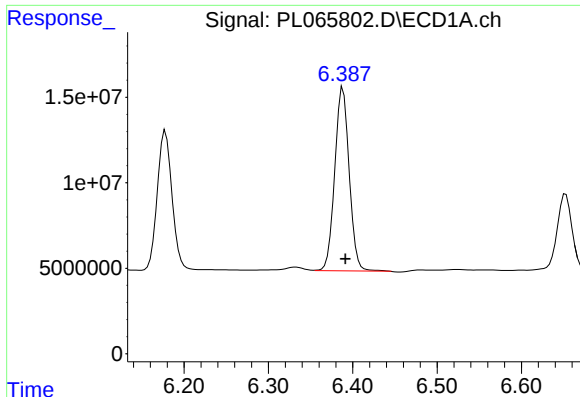
#18 Endrin aldehyde

R.T.: 6.178 min  
Delta R.T.: -0.003 min  
Response: 98733163  
Conc: 52.18 ng/ml



#18 Endrin aldehyde

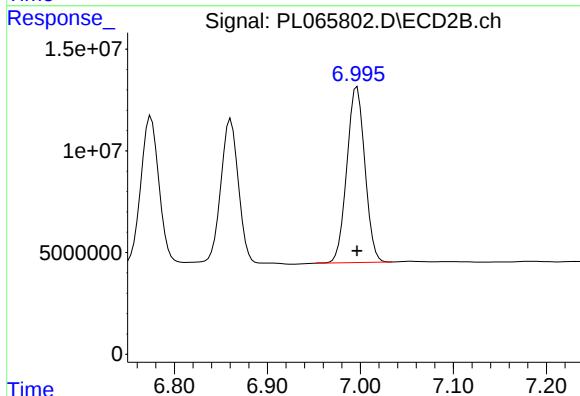
R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 96993084  
Conc: 51.12 ng/ml



#19 Endosulfan Sulfate

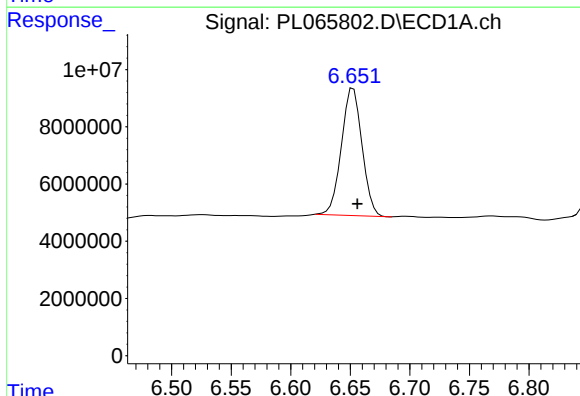
R.T.: 6.388 min  
Delta R.T.: -0.003 min  
Response: 127834649  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



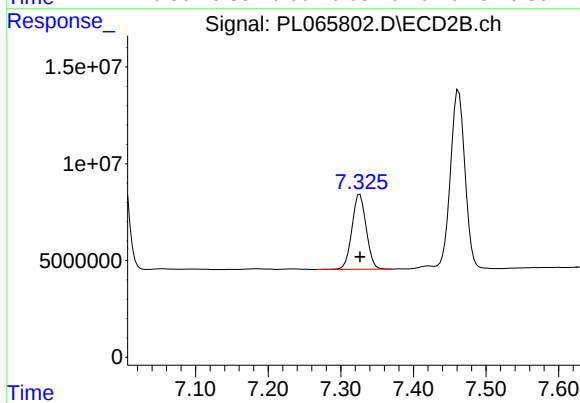
#19 Endosulfan Sulfate

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 116323504  
Conc: 47.95 ng/ml



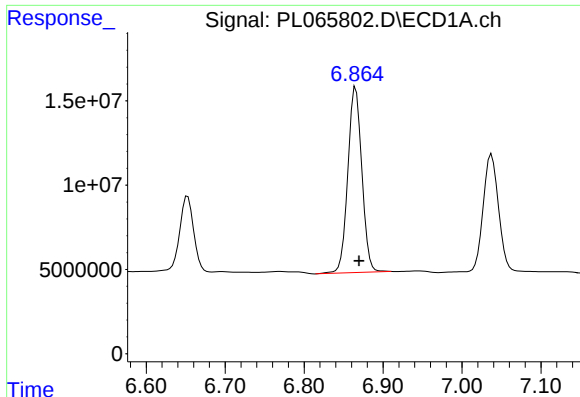
#20 Methoxychlor

R.T.: 6.653 min  
Delta R.T.: -0.003 min  
Response: 53654049  
Conc: 42.74 ng/ml



#20 Methoxychlor

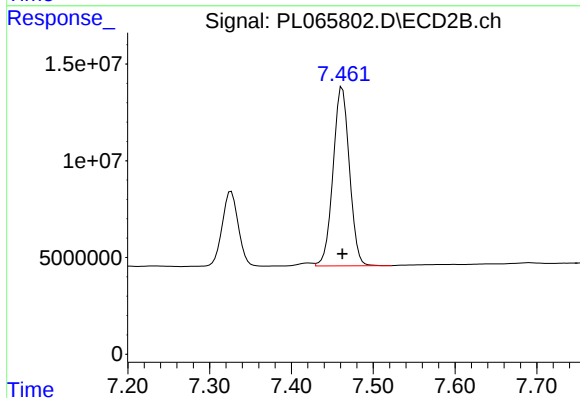
R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 52965394  
Conc: 41.82 ng/ml



#21 Endrin ketone

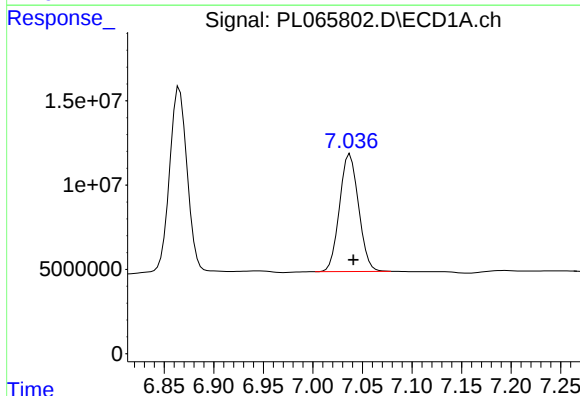
R.T.: 6.865 min  
Delta R.T.: -0.004 min  
Response: 135810430  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



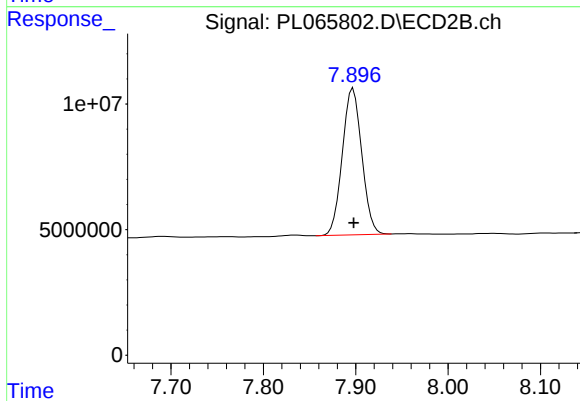
#21 Endrin ketone

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 128456857  
Conc: 49.98 ng/ml



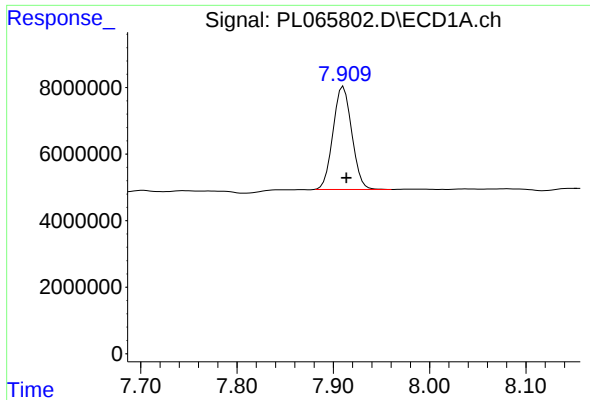
#22 Mirex

R.T.: 7.037 min  
Delta R.T.: -0.003 min  
Response: 93271109  
Conc: 44.54 ng/ml



#22 Mirex

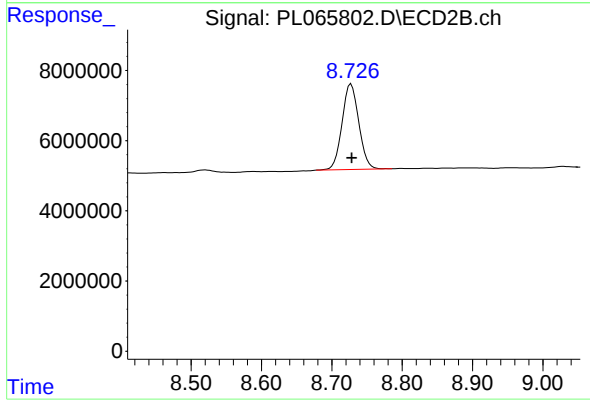
R.T.: 7.897 min  
Delta R.T.: 0.000 min  
Response: 85249397  
Conc: 43.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: -0.003 min  
Response: 41904632  
Conc: 18.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1S-(0-4)MSD



#28 Decachlorobiphenyl

R.T.: 8.727 min  
Delta R.T.: 0.000 min  
Response: 40391779  
Conc: 17.92 ng/ml