

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
 Data File : PL088072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2024 23:01  
 Operator : AR\AJ  
 Sample : P1270-02MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-SOIL-20240126MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 31 03:45:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 29 12:34:13 2024  
 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... | 3.417 | 2.671 | 72937882 | 31079277 | 25.146 | 25.039 |
| 28)                         | SA Decachlor... | 8.975 | 7.856 | 66215680 | 30289873 | 24.707 | 24.905 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.873 | 3.174 | 230.2E6  | 98929082 | 52.918 | 53.775 |
| 3)                          | MA gamma-BHC... | 4.207 | 3.504 | 217.0E6  | 94749510 | 51.294 | 52.524 |
| 4)                          | MA Heptachlor   | 4.799 | 3.846 | 214.6E6  | 87578062 | 51.595 | 50.368 |
| 5)                          | MB Aldrin       | 5.143 | 4.126 | 204.8E6  | 87576511 | 50.149 | 50.401 |
| 6)                          | B beta-BHC      | 4.407 | 3.806 | 95260329 | 37898204 | 51.591 | 50.081 |
| 7)                          | B delta-BHC     | 4.653 | 4.035 | 215.7E6  | 87387164 | 52.982 | 50.254 |
| 8)                          | B Heptachlo...  | 5.573 | 4.633 | 199.6E6  | 80674277 | 52.831 | 51.805 |
| 9)                          | A Endosulfan I  | 5.960 | 5.004 | 179.6E6  | 75641650 | 52.848 | 53.462 |
| 10)                         | B gamma-Chl...  | 5.831 | 4.887 | 198.0E6  | 83735055 | 53.493 | 54.247 |
| 11)                         | B alpha-Chl...  | 5.911 | 4.951 | 194.9E6  | 83971936 | 53.144 | 53.884 |
| 12)                         | B 4,4'-DDE      | 6.093 | 5.149 | 167.9E6  | 73123917 | 55.832 | 57.239 |
| 13)                         | MA Dieldrin     | 6.238 | 5.272 | 189.2E6  | 82230122 | 53.265 | 53.641 |
| 14)                         | MA Endrin       | 6.467 | 5.547 | 150.2E6  | 71508350 | 49.708 | 52.799 |
| 15)                         | B Endosulfa...  | 6.690 | 5.845 | 160.9E6  | 72429414 | 52.986 | 55.559 |
| 16)                         | A 4,4'-DDD      | 6.613 | 5.708 | 140.7E6  | 63594897 | 58.483 | 60.478 |
| 17)                         | MA 4,4'-DDT     | 6.931 | 5.960 | 146.3E6  | 62600120 | 53.466 | 52.753 |
| 18)                         | B Endrin al...  | 6.821 | 6.027 | 124.0E6  | 54859068 | 53.270 | 54.331 |
| 19)                         | B Endosulfa...  | 7.058 | 6.252 | 156.3E6  | 70334373 | 54.015 | 55.391 |
| 20)                         | A Methoxychlor  | 7.416 | 6.545 | 74561747 | 35686835 | 47.985 | 50.280 |
| 21)                         | B Endrin ke...  | 7.545 | 6.758 | 168.3E6  | 85205873 | 54.954 | 57.388 |
| 22)                         | Mirex           | 8.022 | 6.939 | 136.6E6  | 66751533 | 50.753 | 51.816 |
| -----                       |                 |       |       |          |          |        |        |

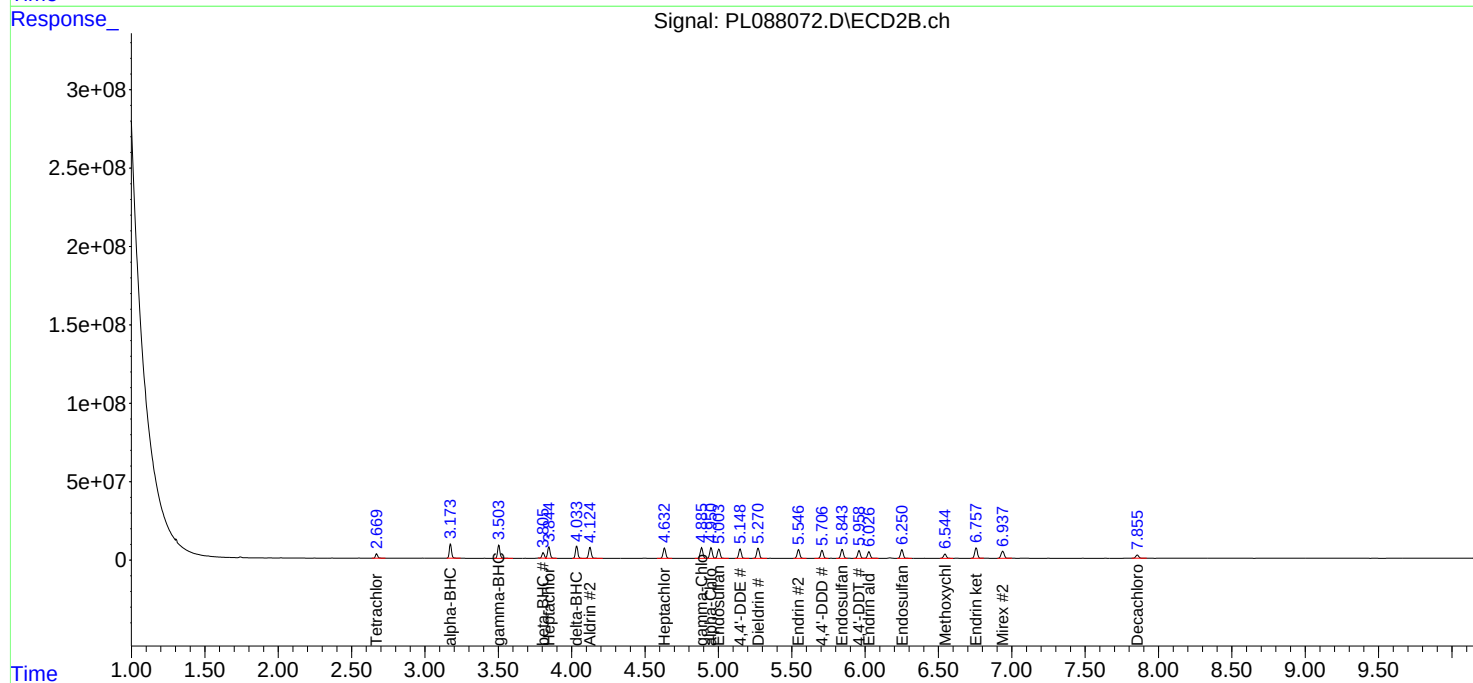
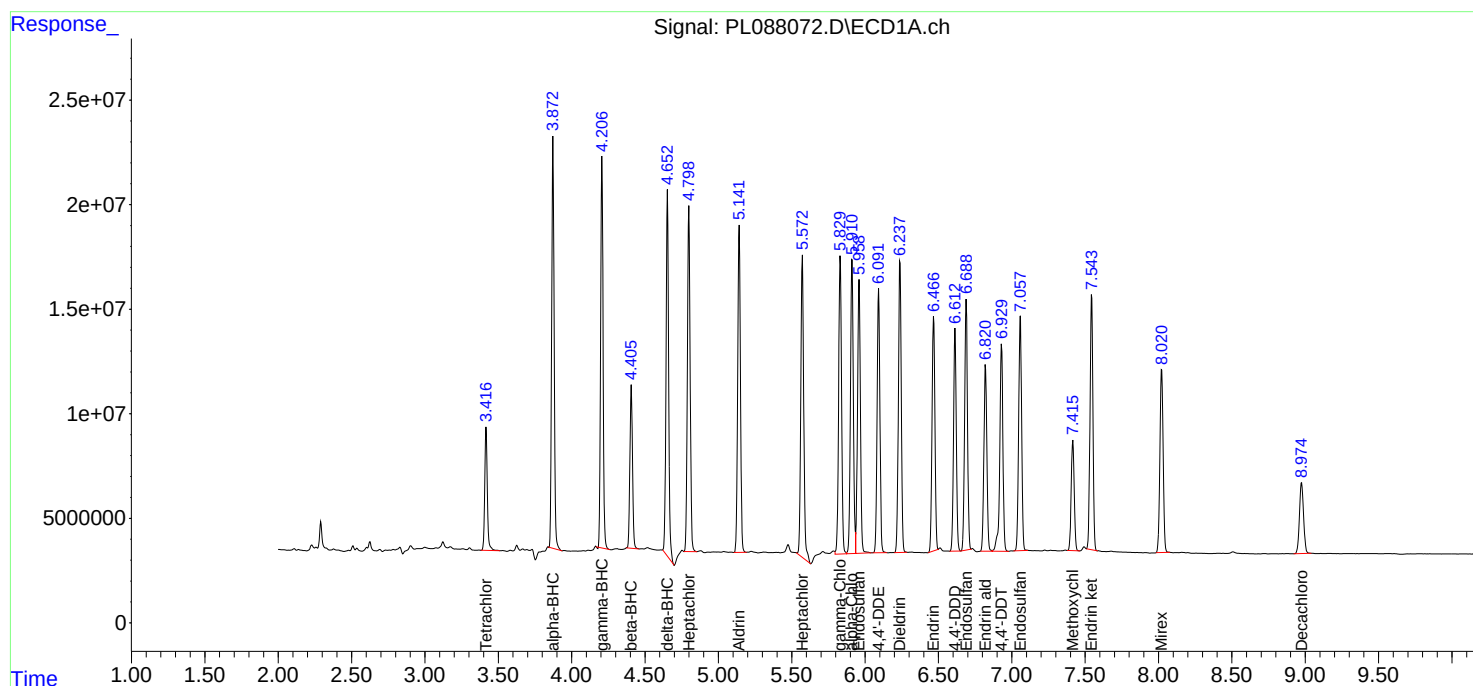
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

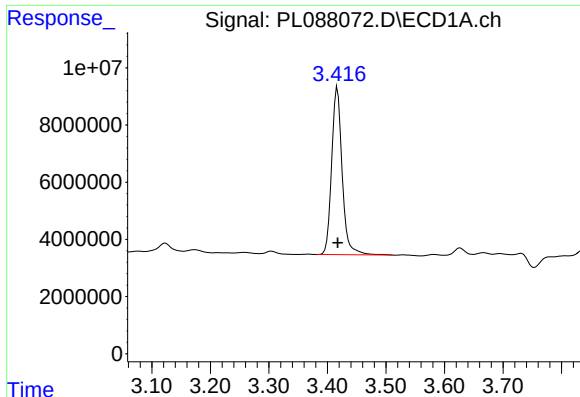
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
Data File : PL088072.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jan 2024 23:01  
Operator : AR\AJ  
Sample : P1270-02MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 31 03:45:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012724.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 29 12:34:13 2024  
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

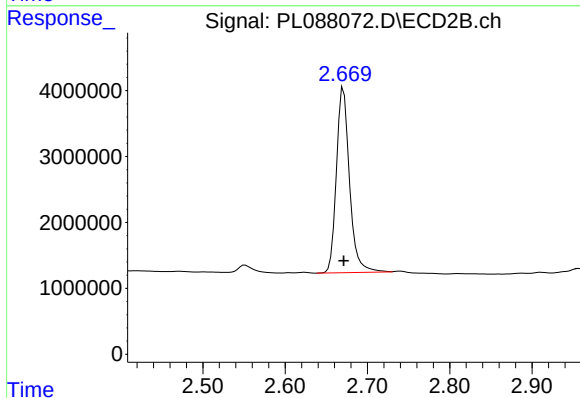




#1 Tetrachloro-m-xylene

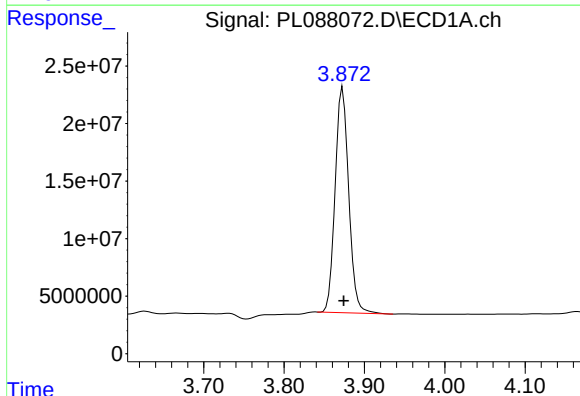
R.T.: 3.417 min  
Delta R.T.: -0.001 min  
Response: 72937882  
Conc: 25.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



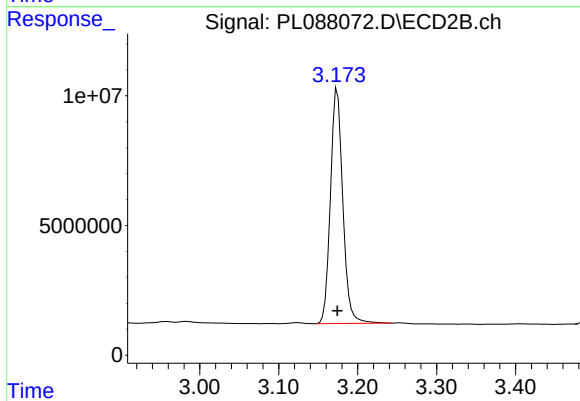
#1 Tetrachloro-m-xylene

R.T.: 2.671 min  
Delta R.T.: 0.000 min  
Response: 31079277  
Conc: 25.04 ng/ml



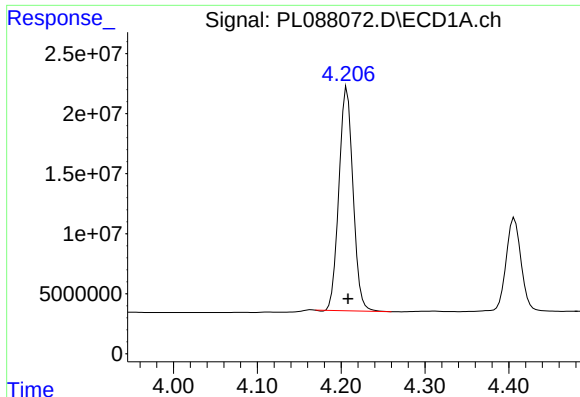
#2 alpha-BHC

R.T.: 3.873 min  
Delta R.T.: -0.001 min  
Response: 230246750  
Conc: 52.92 ng/ml



#2 alpha-BHC

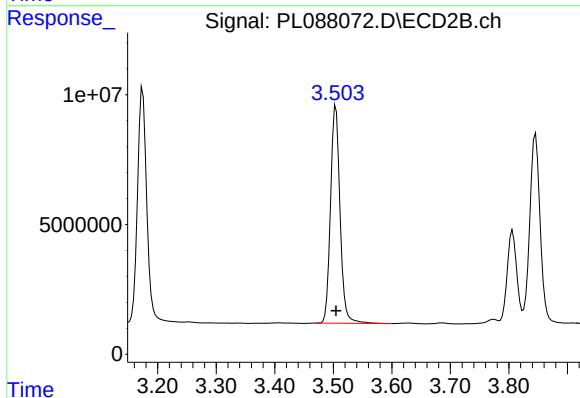
R.T.: 3.174 min  
Delta R.T.: 0.000 min  
Response: 98929082  
Conc: 53.77 ng/ml



#3 gamma-BHC (Lindane)

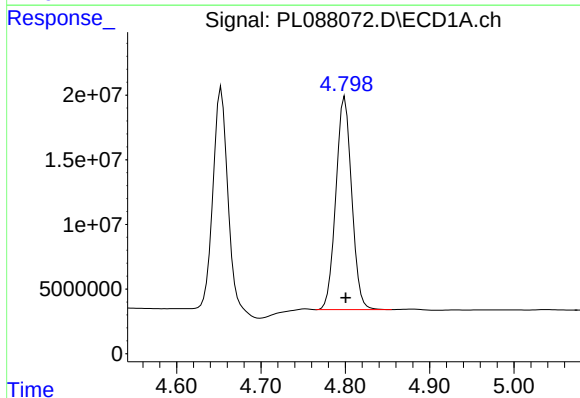
R.T.: 4.207 min  
Delta R.T.: -0.001 min  
Response: 217043574  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



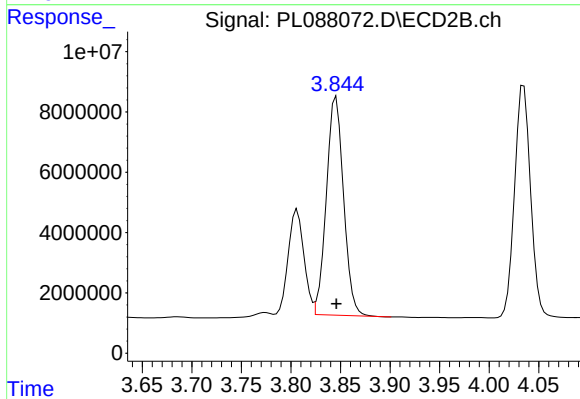
#3 gamma-BHC (Lindane)

R.T.: 3.504 min  
Delta R.T.: 0.000 min  
Response: 94749510  
Conc: 52.52 ng/ml



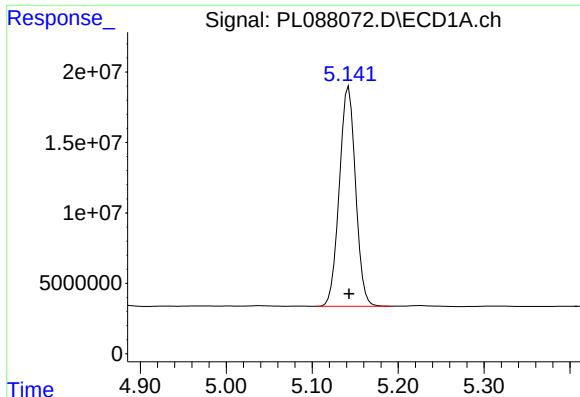
#4 Heptachlor

R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 214618910  
Conc: 51.59 ng/ml



#4 Heptachlor

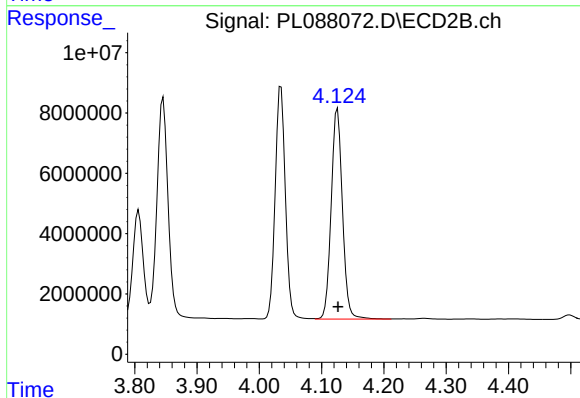
R.T.: 3.846 min  
Delta R.T.: 0.000 min  
Response: 87578062  
Conc: 50.37 ng/ml



#5 Aldrin

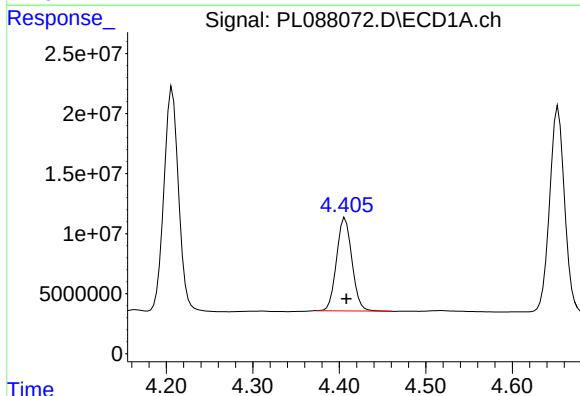
R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 204834829  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



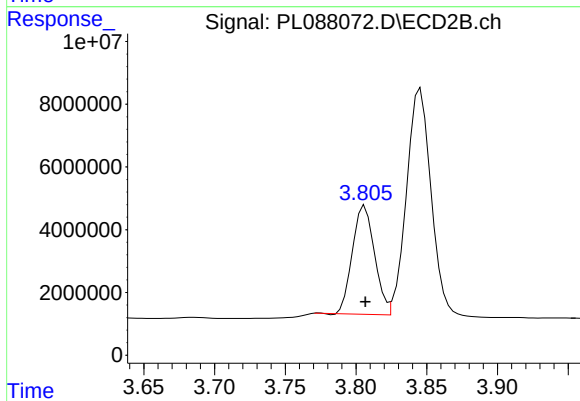
#5 Aldrin

R.T.: 4.126 min  
Delta R.T.: -0.001 min  
Response: 87576511  
Conc: 50.40 ng/ml



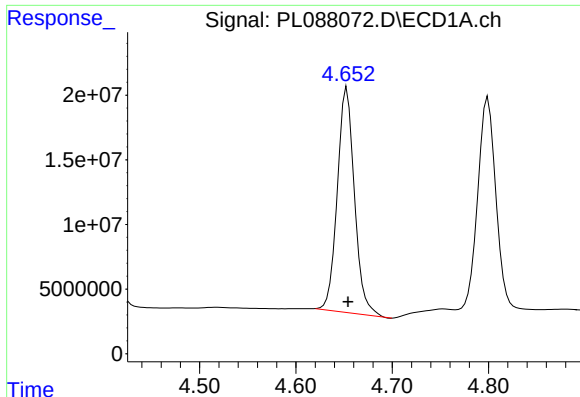
#6 beta-BHC

R.T.: 4.407 min  
Delta R.T.: -0.001 min  
Response: 95260329  
Conc: 51.59 ng/ml



#6 beta-BHC

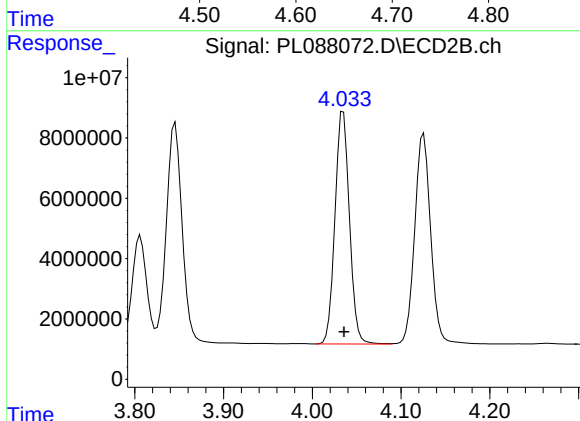
R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 37898204  
Conc: 50.08 ng/ml



#7 delta-BHC

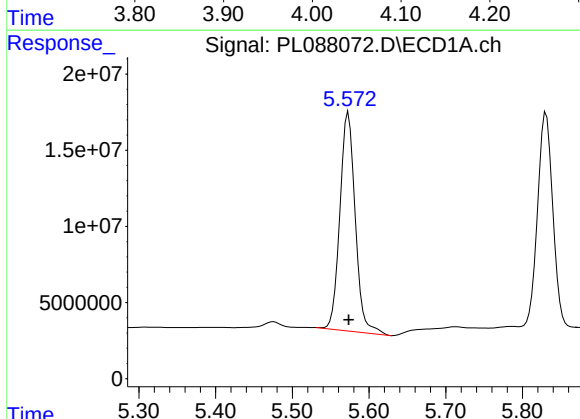
R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 215703479  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



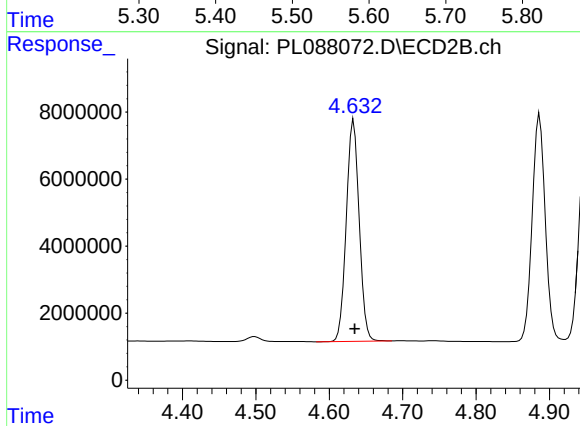
#7 delta-BHC

R.T.: 4.035 min  
Delta R.T.: -0.001 min  
Response: 87387164  
Conc: 50.25 ng/ml



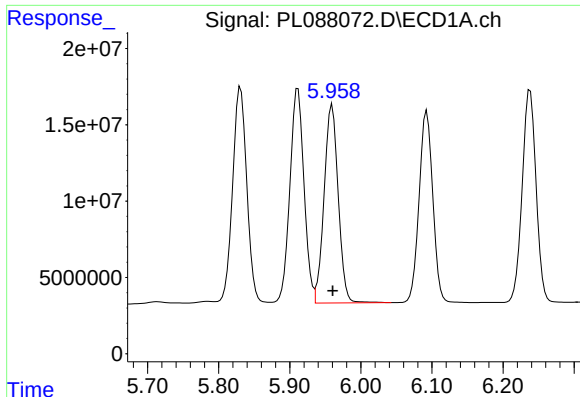
#8 Heptachlor epoxide

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 199585124  
Conc: 52.83 ng/ml



#8 Heptachlor epoxide

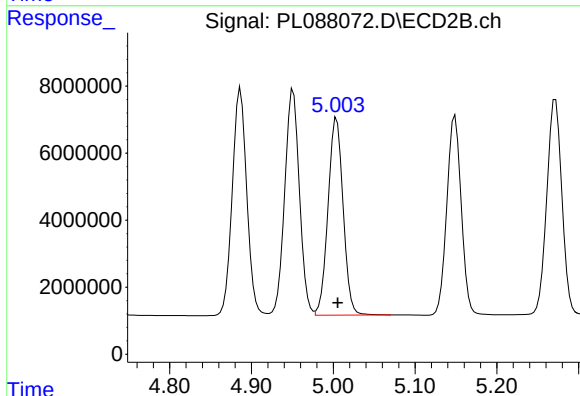
R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 80674277  
Conc: 51.80 ng/ml



#9 Endosulfan I

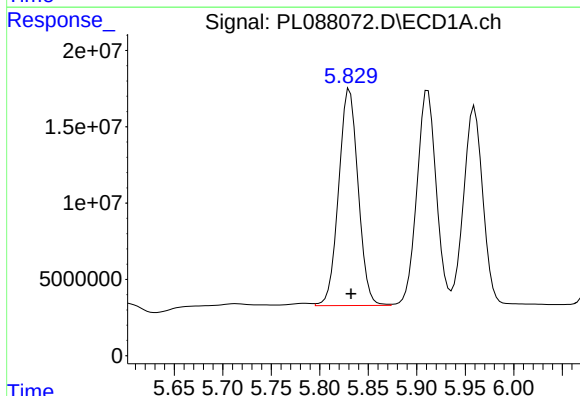
R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 179572238  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



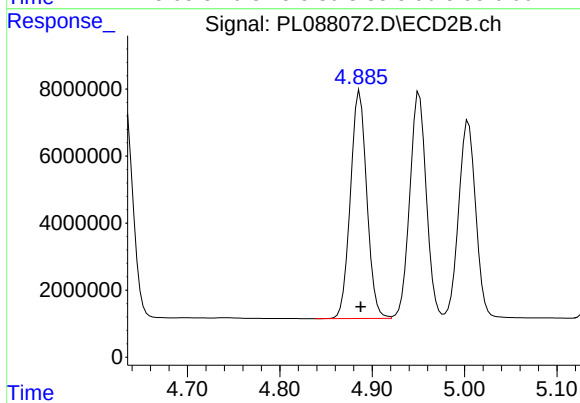
#9 Endosulfan I

R.T.: 5.004 min  
Delta R.T.: -0.001 min  
Response: 75641650  
Conc: 53.46 ng/ml



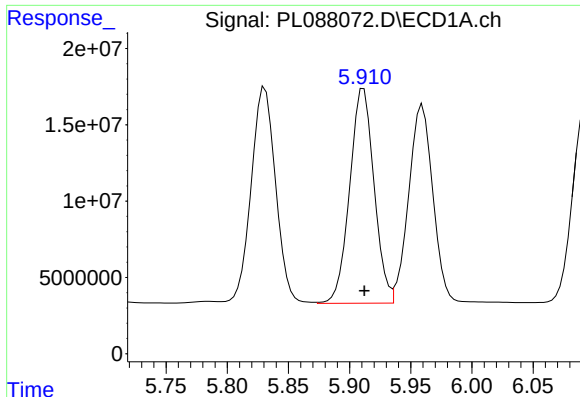
#10 gamma-Chlordane

R.T.: 5.831 min  
Delta R.T.: -0.001 min  
Response: 198045349  
Conc: 53.49 ng/ml



#10 gamma-Chlordane

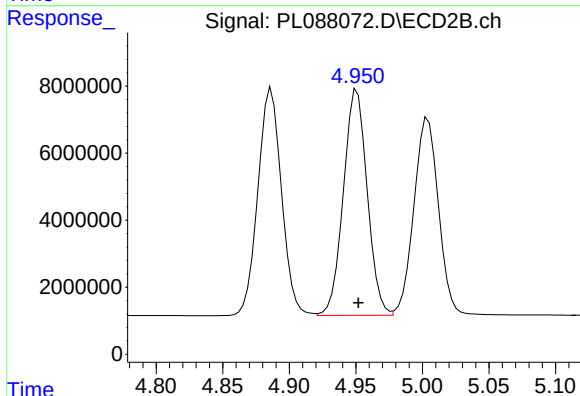
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 83735055  
Conc: 54.25 ng/ml



#11 alpha-Chlordane

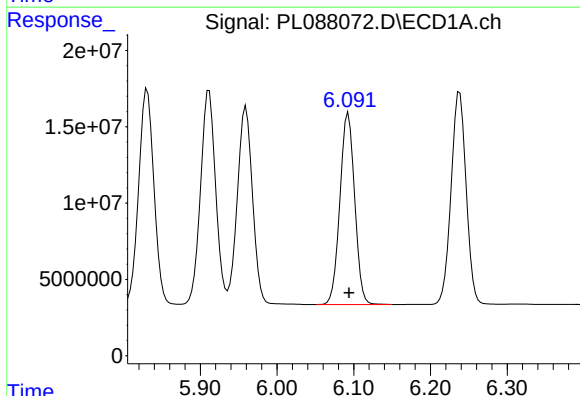
R.T.: 5.911 min  
Delta R.T.: 0.000 min  
Response: 194861386  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



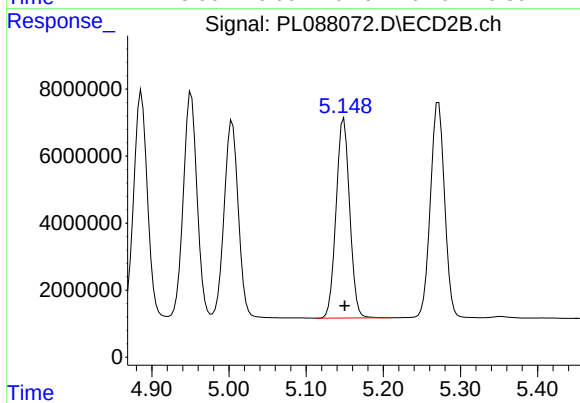
#11 alpha-Chlordane

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 83971936  
Conc: 53.88 ng/ml



#12 4,4'-DDE

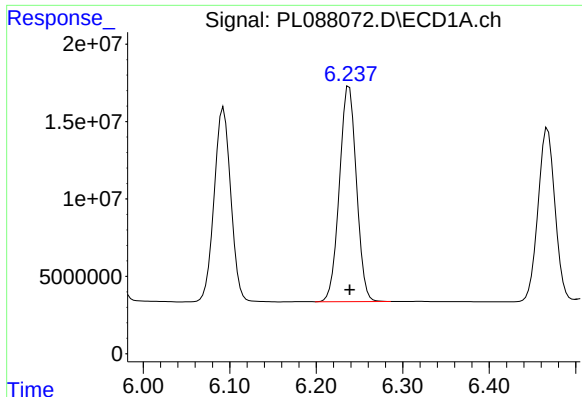
R.T.: 6.093 min  
Delta R.T.: -0.001 min  
Response: 167926755  
Conc: 55.83 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 73123917  
Conc: 57.24 ng/ml

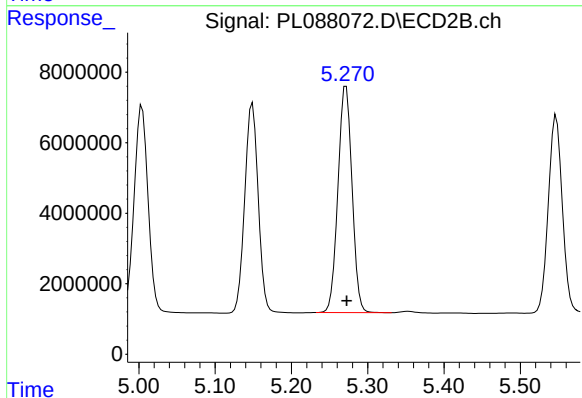




#13 Dieldrin

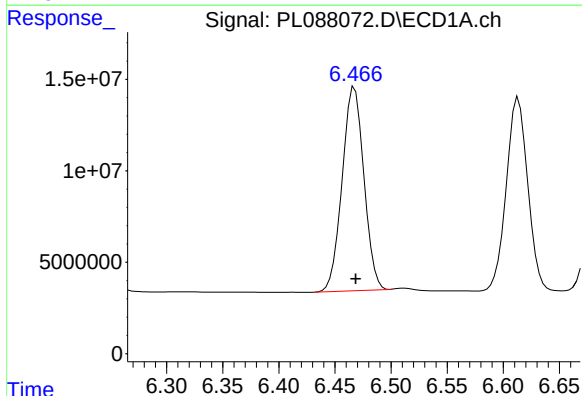
R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 189231775  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



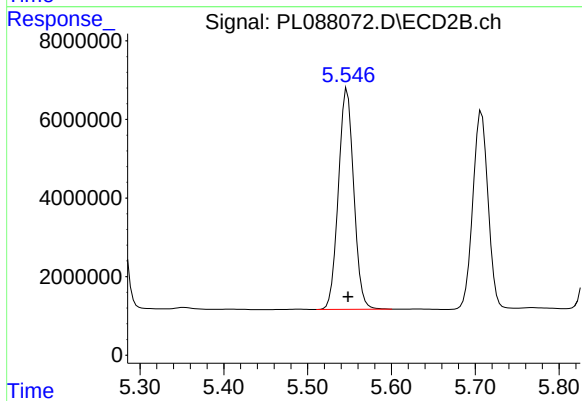
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: 0.000 min  
Response: 82230122  
Conc: 53.64 ng/ml



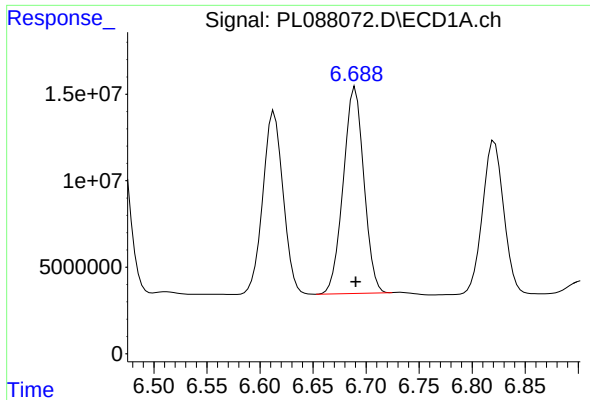
#14 Endrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 150160601  
Conc: 49.71 ng/ml



#14 Endrin

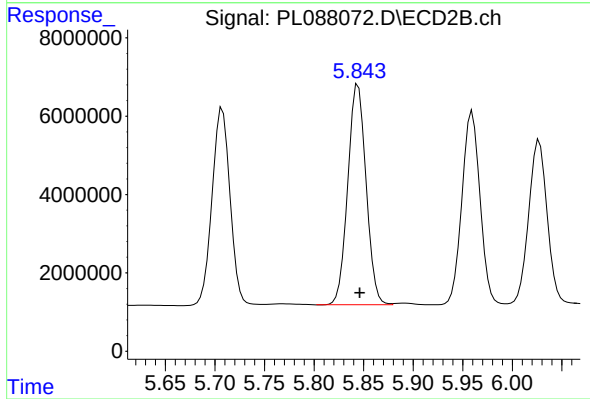
R.T.: 5.547 min  
Delta R.T.: 0.000 min  
Response: 71508350  
Conc: 52.80 ng/ml



#15 Endosulfan II

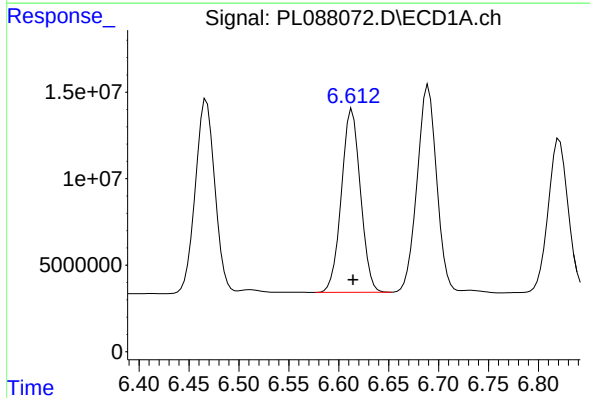
R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 160911918  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



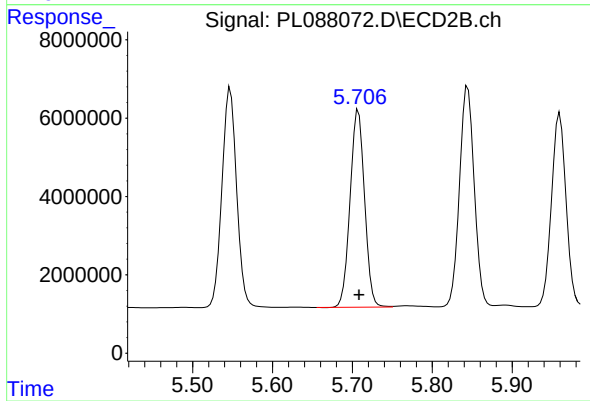
#15 Endosulfan II

R.T.: 5.845 min  
Delta R.T.: -0.002 min  
Response: 72429414  
Conc: 55.56 ng/ml



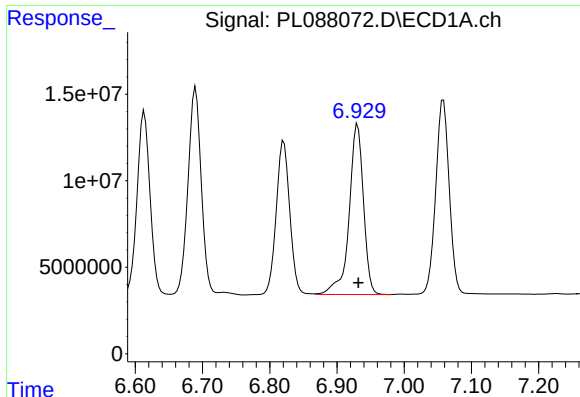
#16 4,4'-DDD

R.T.: 6.613 min  
Delta R.T.: -0.001 min  
Response: 140715823  
Conc: 58.48 ng/ml



#16 4,4'-DDD

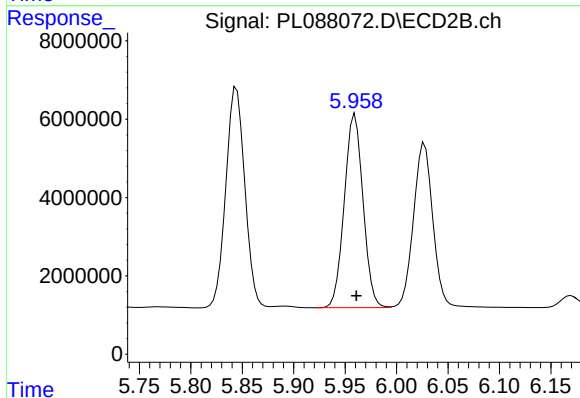
R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 63594897  
Conc: 60.48 ng/ml



#17 4,4'-DDT

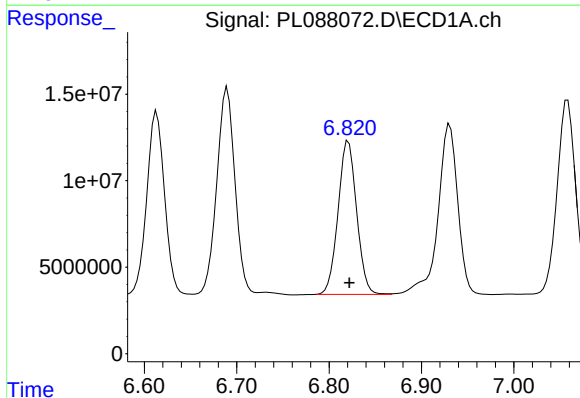
R.T.: 6.931 min  
Delta R.T.: -0.001 min  
Response: 146335707  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



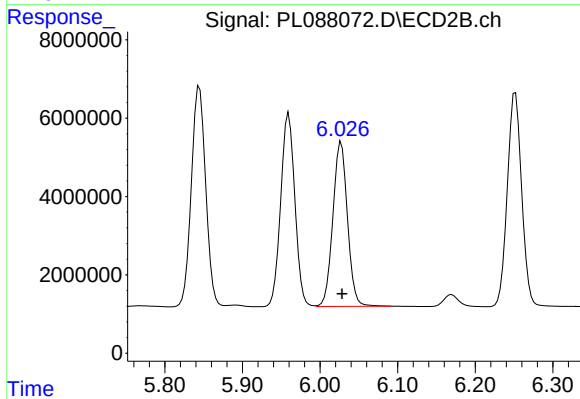
#17 4,4'-DDT

R.T.: 5.960 min  
Delta R.T.: -0.001 min  
Response: 62600120  
Conc: 52.75 ng/ml



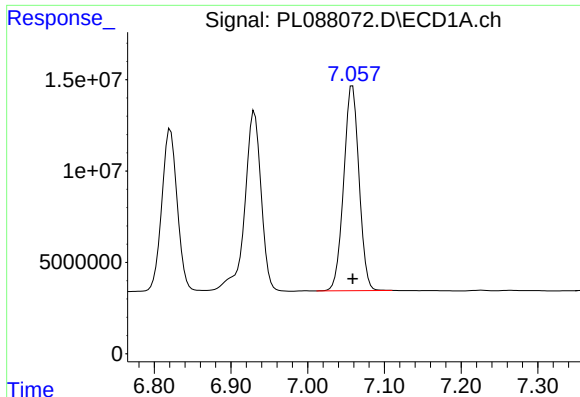
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: -0.001 min  
Response: 124002961  
Conc: 53.27 ng/ml



#18 Endrin aldehyde

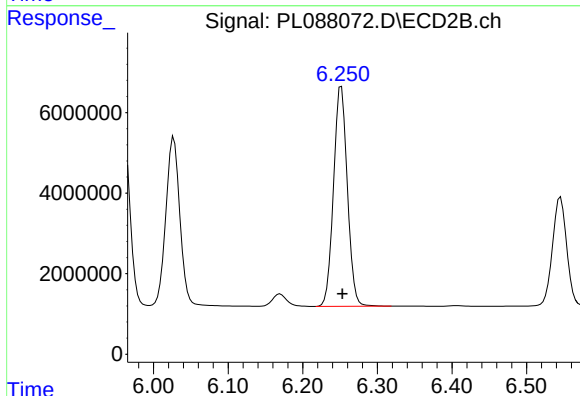
R.T.: 6.027 min  
Delta R.T.: -0.001 min  
Response: 54859068  
Conc: 54.33 ng/ml



#19 Endosulfan Sulfate

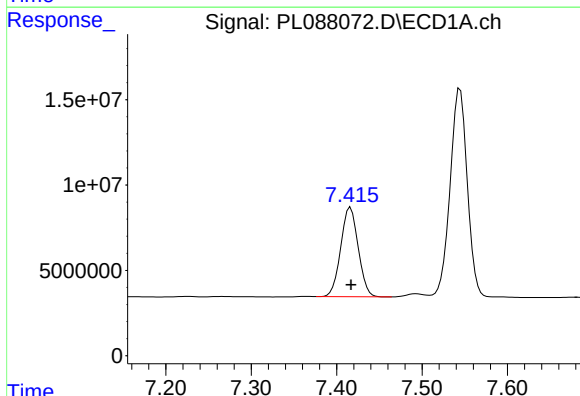
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 156333795  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



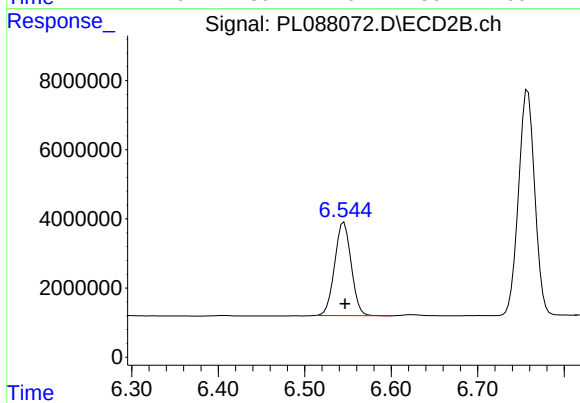
#19 Endosulfan Sulfate

R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 70334373  
Conc: 55.39 ng/ml



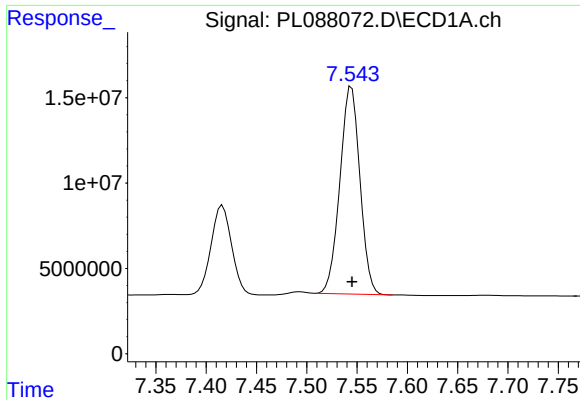
#20 Methoxychlor

R.T.: 7.416 min  
Delta R.T.: 0.000 min  
Response: 74561747  
Conc: 47.99 ng/ml



#20 Methoxychlor

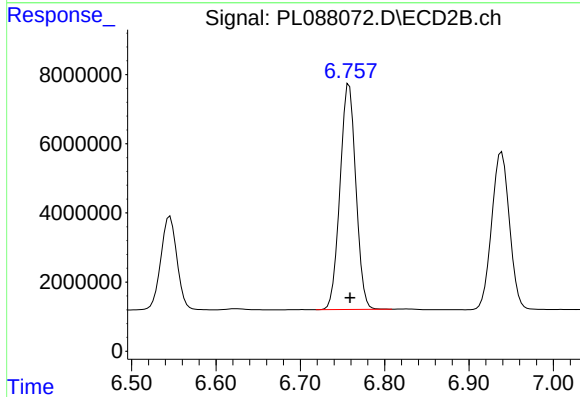
R.T.: 6.545 min  
Delta R.T.: -0.001 min  
Response: 35686835  
Conc: 50.28 ng/ml



#21 Endrin ketone

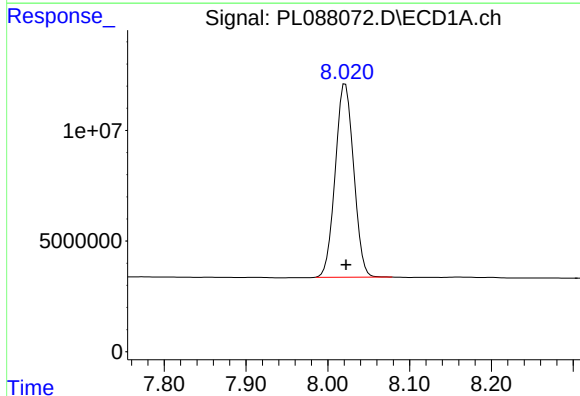
R.T.: 7.545 min  
Delta R.T.: 0.000 min  
Response: 168250424  
Conc: 54.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



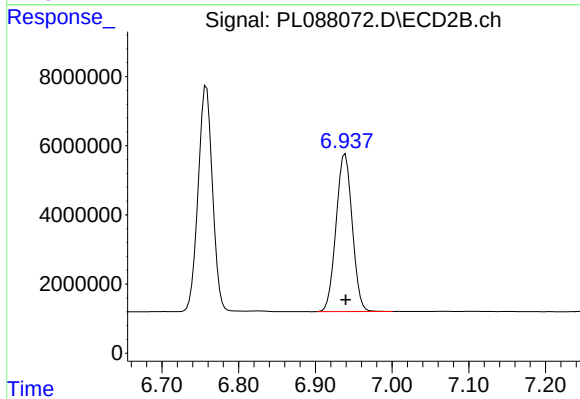
#21 Endrin ketone

R.T.: 6.758 min  
Delta R.T.: -0.001 min  
Response: 85205873  
Conc: 57.39 ng/ml



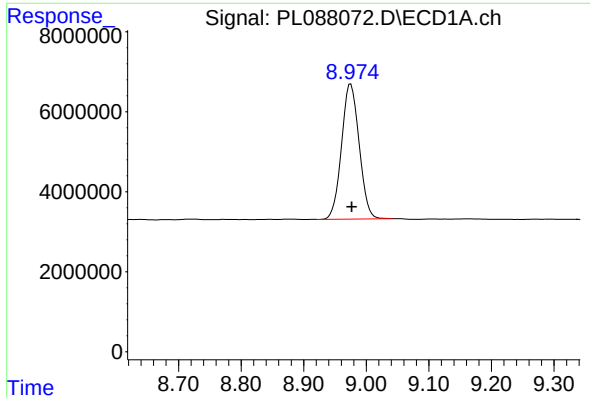
#22 Mirex

R.T.: 8.022 min  
Delta R.T.: 0.000 min  
Response: 136609512  
Conc: 50.75 ng/ml



#22 Mirex

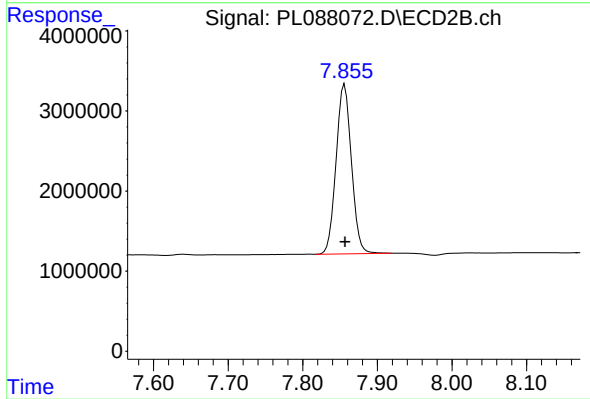
R.T.: 6.939 min  
Delta R.T.: 0.000 min  
Response: 66751533  
Conc: 51.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.002 min  
Response: 66215680  
Conc: 24.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-SOIL-20240126MS



#28 Decachlorobiphenyl

R.T.: 7.856 min  
Delta R.T.: 0.000 min  
Response: 30289873  
Conc: 24.91 ng/ml