

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042524\  
 Data File : PL089178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2024 14:00  
 Operator : AR\AJ  
 Sample : P2252-20  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-SOIL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 22:56:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.550 | 2.797 | 57137165 | 26459224 | 26.884   | 19.851 #  |
| 28)                         | SA Decachlor... | 9.063 | 7.948 | 28106843 | 26537614 | 22.066   | 19.818    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.006 | 3.303 | 3968.5E6 | 2862.2E6 | 1327.236 | 1446.637  |
| 3)                          | MA gamma-BHC... | 4.338 | 3.634 | 1605.2E6 | 1233.4E6 | 556.357  | 641.153   |
| 4)                          | MA Heptachlor   | 4.929 | 3.976 | 2411.8E6 | 2000.0E6 | 969.306  | 1112.912  |
| 5)                          | MB Aldrin       | 5.271 | 4.257 | 1958.7E6 | 1590.3E6 | 754.643  | 866.914   |
| 6)                          | B beta-BHC      | 4.533 | 3.931 | 1042.3E6 | 823.7E6  | 776.772  | 985.521 # |
| 7)                          | B delta-BHC     | 4.781 | 4.162 | 3076.5E6 | 2272.3E6 | 1150.420 | 1244.600  |
| 8)                          | B Heptachlo...  | 5.696 | 4.760 | 768.3E6  | 656.6E6  | 325.619  | 395.375   |
| 9)                          | A Endosulfan I  | 6.081 | 5.131 | 1759.9E6 | 1475.3E6 | 804.822  | 981.584   |
| 10)                         | B gamma-Chl...  | 5.951 | 5.010 | 2297.2E6 | 2015.9E6 | 999.297  | 1228.852  |
| 11)                         | B alpha-Chl...  | 6.031 | 5.075 | 2500.4E6 | 2182.0E6 | 1092.174 | 1319.460  |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.264 | 2366.1E6 | 2052.4E6 | 1177.333 | 1395.701  |
| 13)                         | MA Dieldrin     | 6.356 | 5.396 | 1921.7E6 | 1643.8E6 | 852.145  | 1005.539  |
| 14)                         | MA Endrin       | 6.585 | 5.671 | 1203.3E6 | 1106.2E6 | 640.267  | 761.146   |
| 15)                         | B Endosulfa...  | 6.803 | 5.964 | 527.8E6  | 469.9E6  | 273.981  | 328.675   |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.818 | 1206.3E6 | 1106.2E6 | 748.351  | 913.479   |
| 17)                         | MA 4,4'-DDT     | 7.031 | 6.069 | 364.1E6  | 306.0E6  | 199.824  | 233.488   |
| 18)                         | B Endrin al...  | 6.932 | 6.143 | 597.0E6  | 515.9E6  | 407.915  | 469.480   |
| 19)                         | B Endosulfa...  | 7.167 | 6.366 | 745.7E6  | 696.2E6  | 434.338  | 515.004   |
| 20)                         | A Methoxychlor  | 7.506 | 6.644 | 363.4E6  | 340.3E6  | 412.419  | 455.291   |
| 21)                         | B Endrin ke...  | 7.651 | 6.872 | 1112.2E6 | 1017.9E6 | 576.726  | 643.151   |
| -----                       |                 |       |       |          |          |          |           |

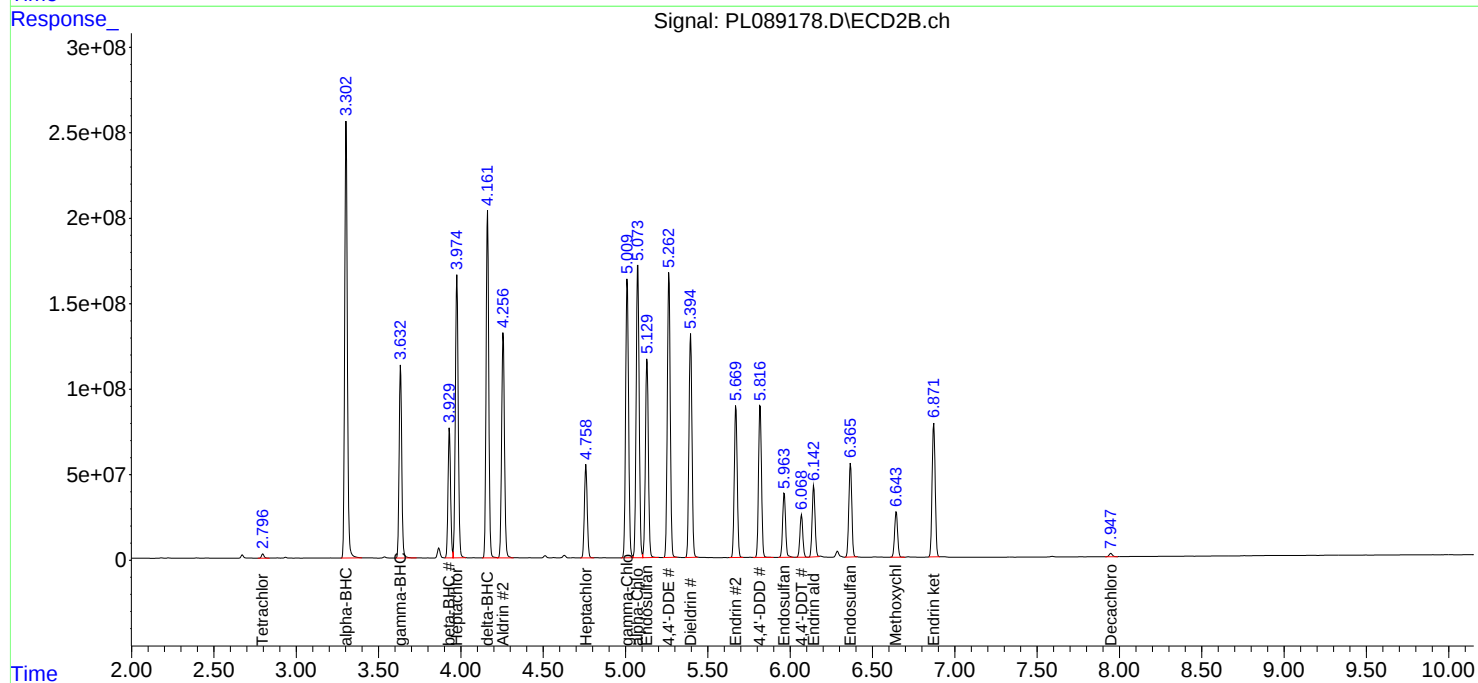
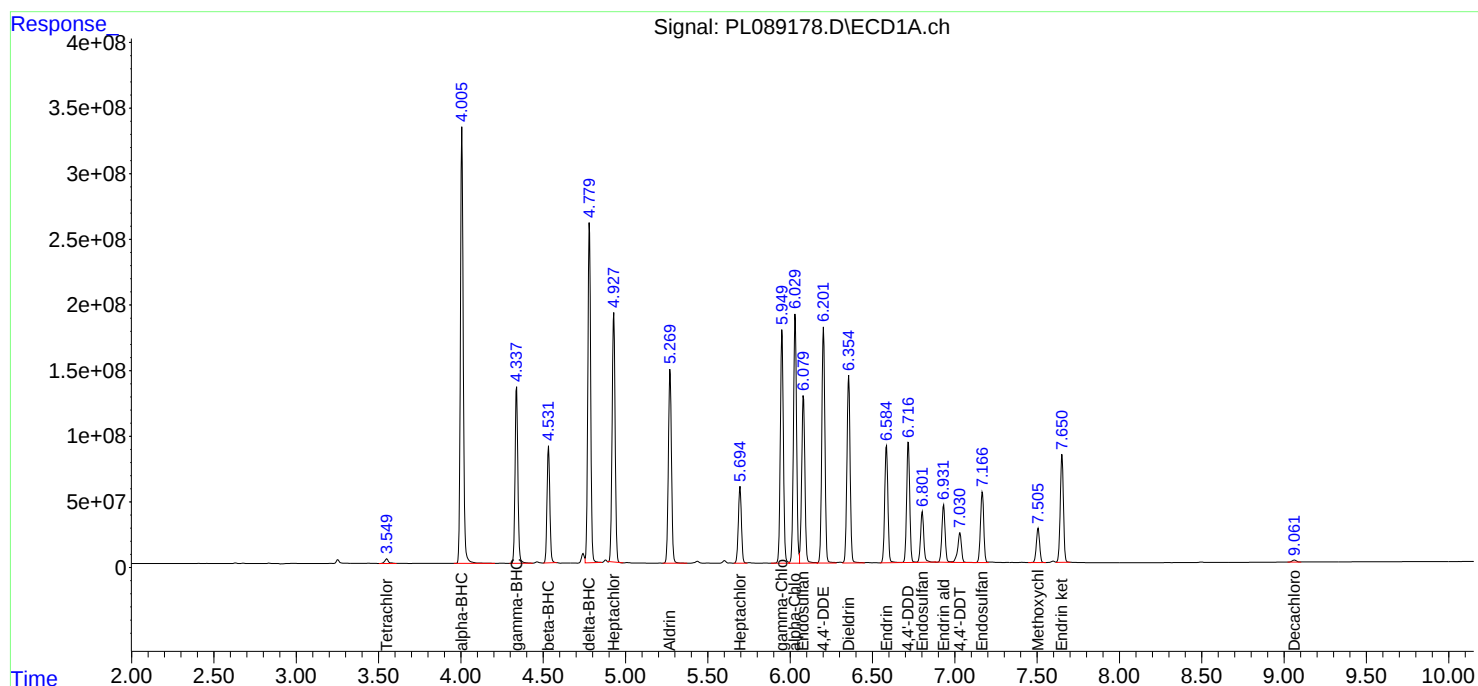
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

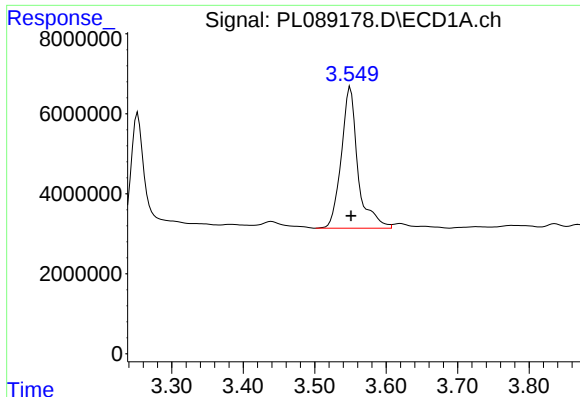
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042524\  
Data File : PL089178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2024 14:00  
Operator : AR\AJ  
Sample : P2252-20  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 22:56:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

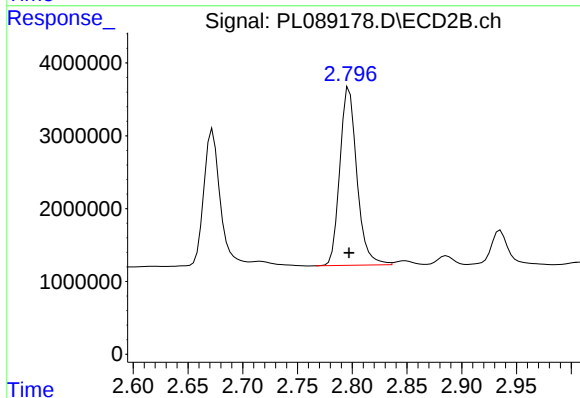




#1 Tetrachloro-m-xylene

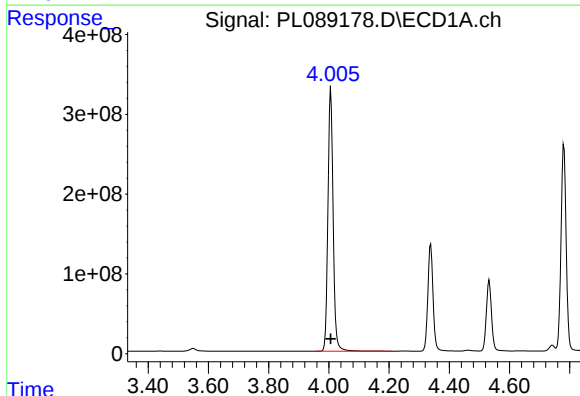
R.T.: 3.550 min  
Delta R.T.: -0.001 min  
Response: 57137165  
Conc: 26.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



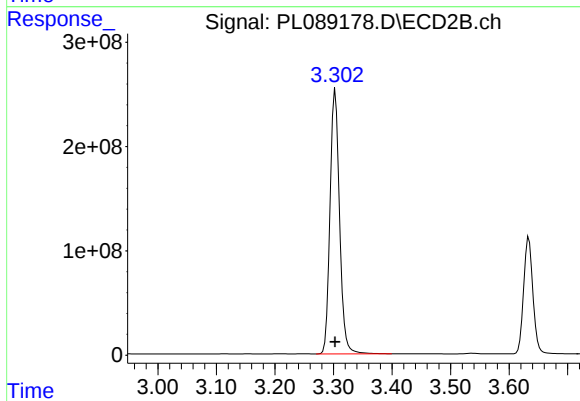
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 26459224  
Conc: 19.85 ng/ml



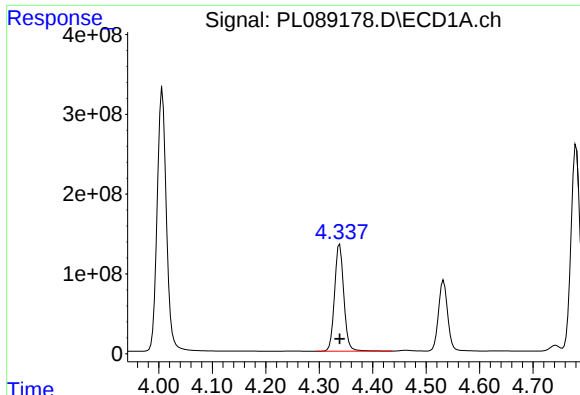
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 3968451610  
Conc: 1327.24 ng/ml



#2 alpha-BHC

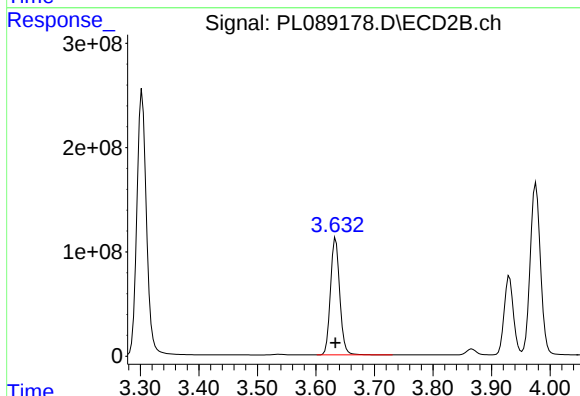
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 2862175245  
Conc: 1446.64 ng/ml



#3 gamma-BHC (Lindane)

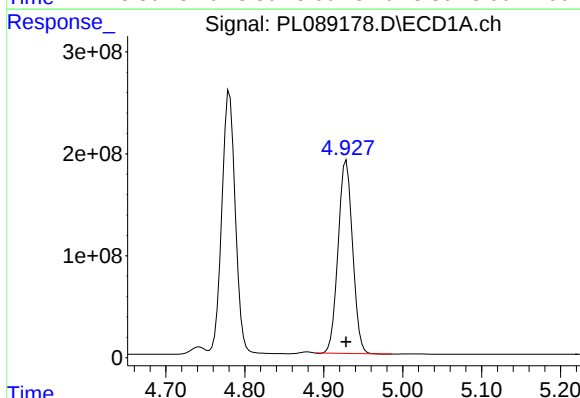
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 1605189800  
Conc: 556.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



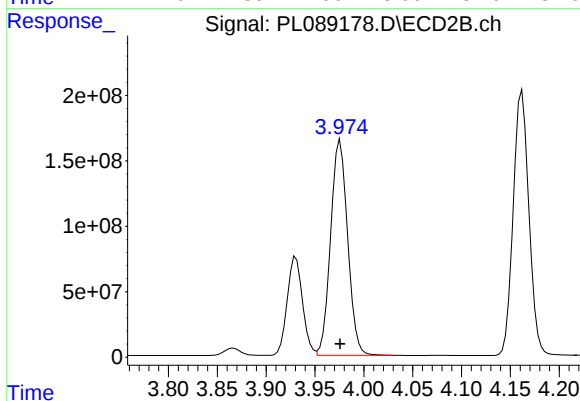
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 1233355199  
Conc: 641.15 ng/ml



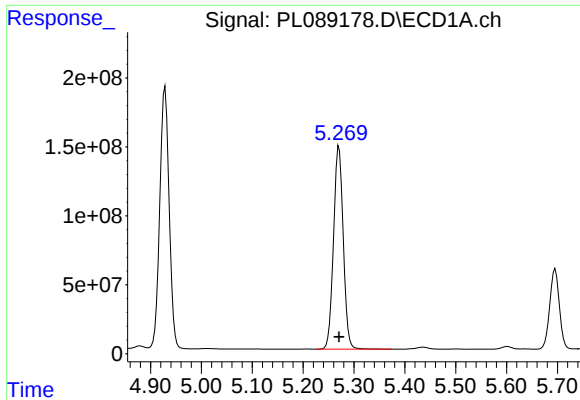
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 2411812113  
Conc: 969.31 ng/ml



#4 Heptachlor

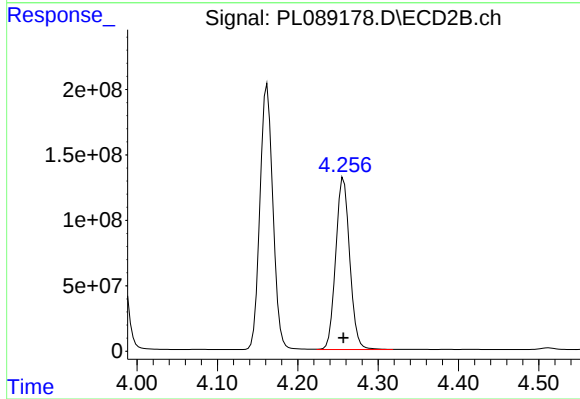
R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 1999956359  
Conc: 1112.91 ng/ml



#5 Aldrin

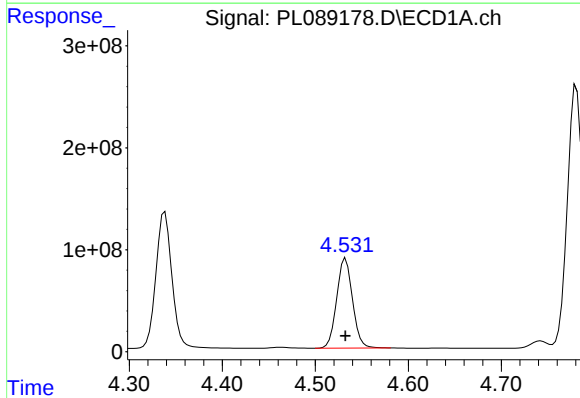
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 1958720024  
Conc: 754.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



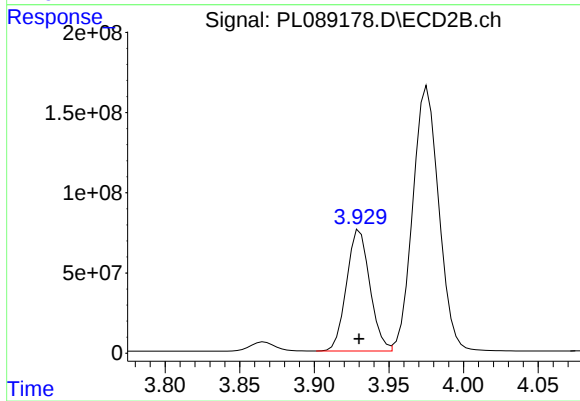
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 1590280282  
Conc: 866.91 ng/ml



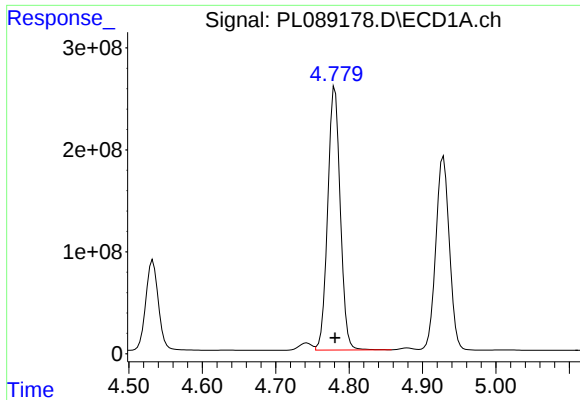
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 1042334321  
Conc: 776.77 ng/ml



#6 beta-BHC

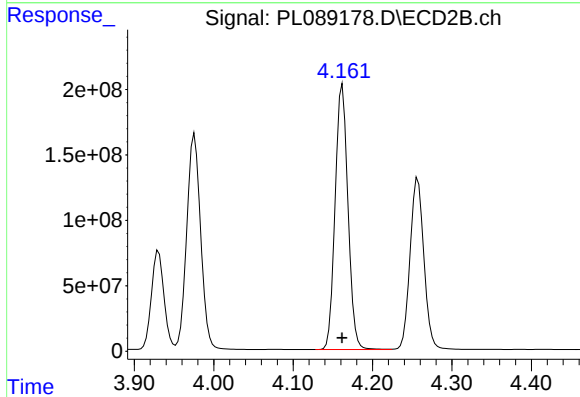
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 823661937  
Conc: 985.52 ng/ml



#7 delta-BHC

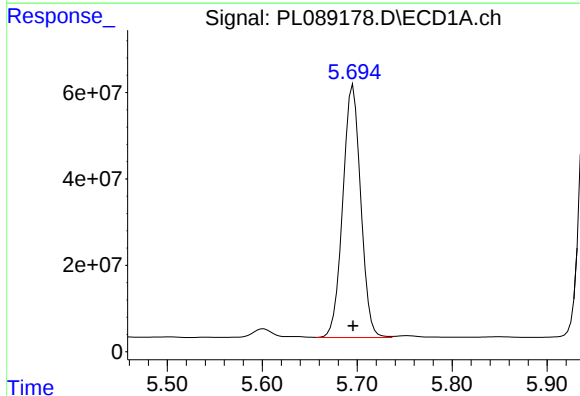
R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 3076500059  
Conc: 1150.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



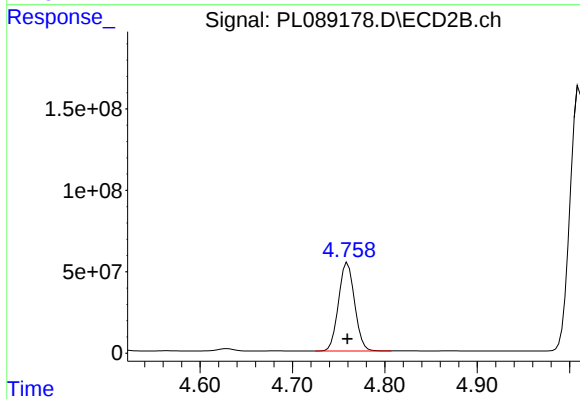
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 2272332824  
Conc: 1244.60 ng/ml



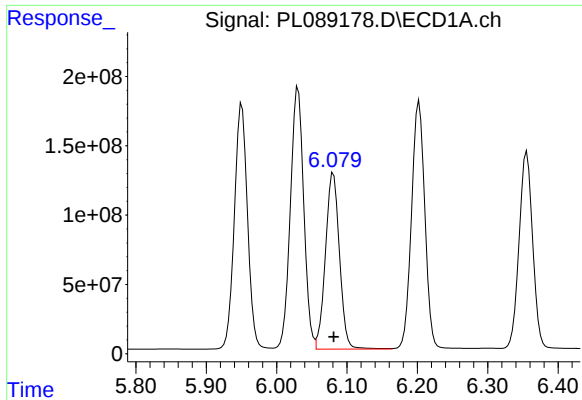
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 768334813  
Conc: 325.62 ng/ml



#8 Heptachlor epoxide

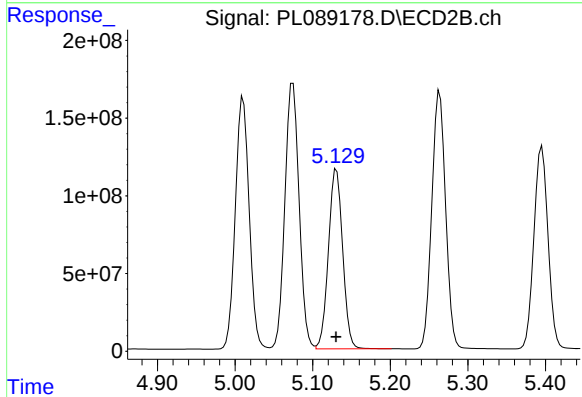
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 656585285  
Conc: 395.38 ng/ml



#9 Endosulfan I

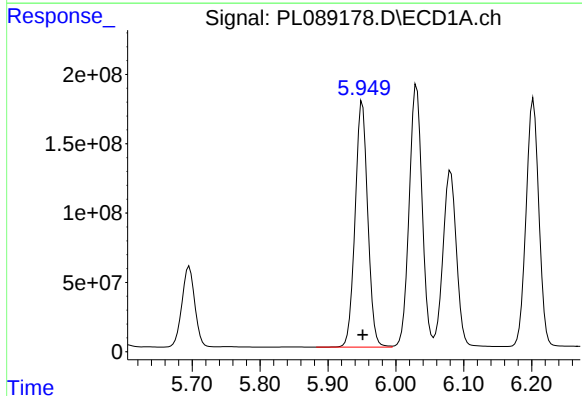
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 1759922547  
Conc: 804.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



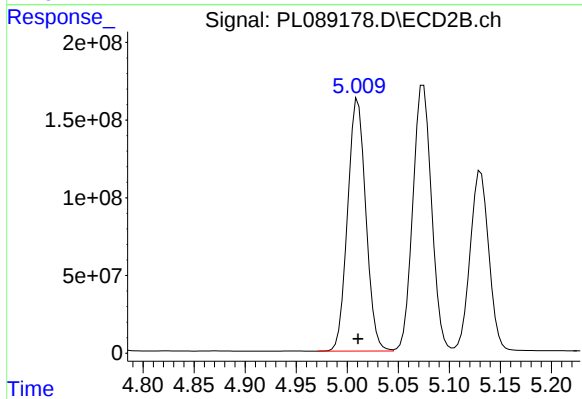
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 1475255369  
Conc: 981.58 ng/ml



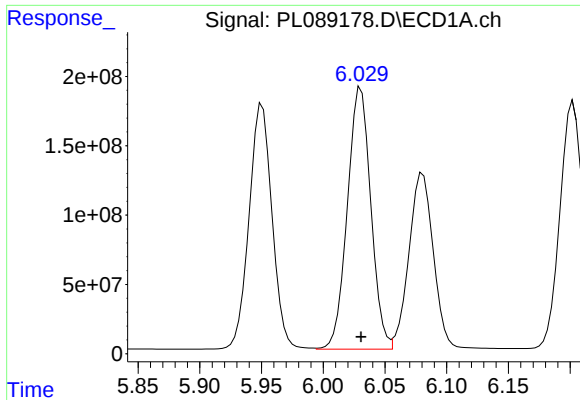
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 2297207782  
Conc: 999.30 ng/ml



#10 gamma-Chlordane

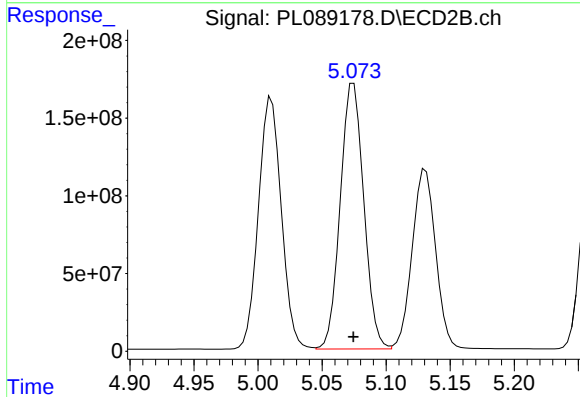
R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 2015865863  
Conc: 1228.85 ng/ml



#11 alpha-Chlordane

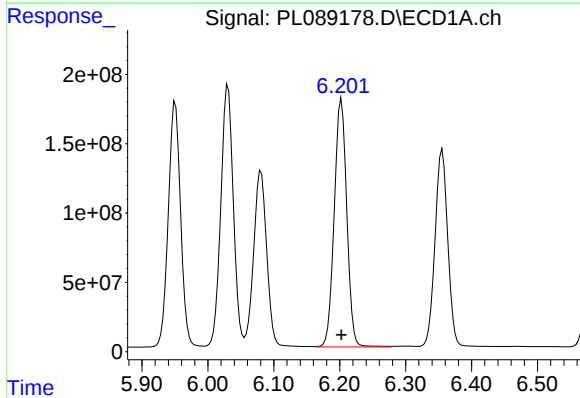
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 2500403448  
Conc: 1092.17 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



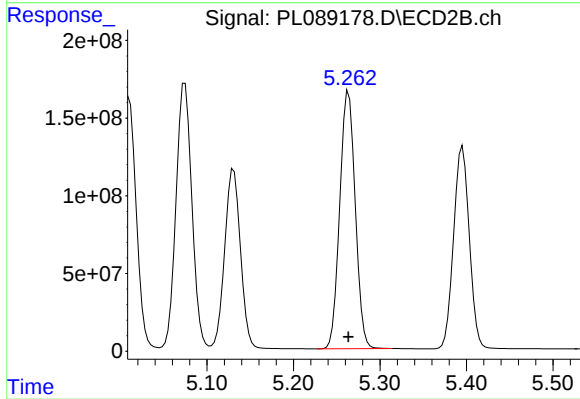
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 2181996257  
Conc: 1319.46 ng/ml



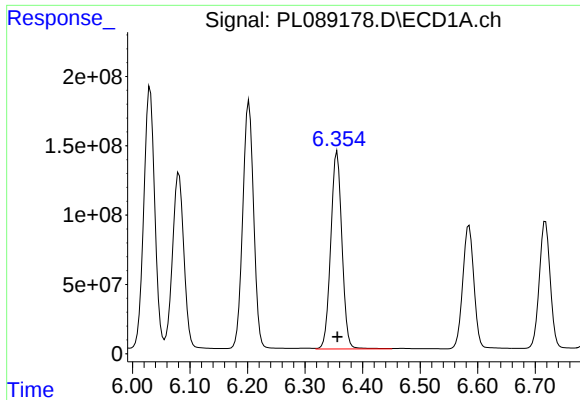
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 2366110475  
Conc: 1177.33 ng/ml



#12 4,4'-DDE

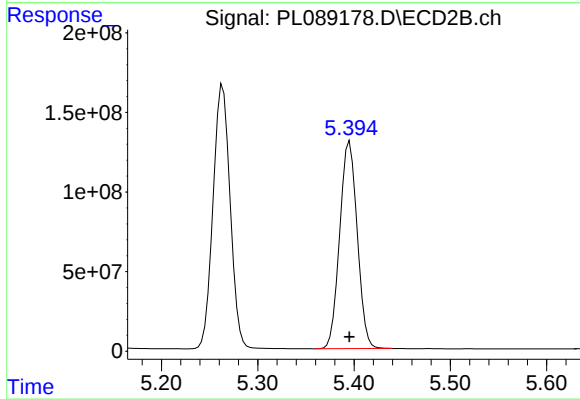
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 2052390120  
Conc: 1395.70 ng/ml



#13 Dieldrin

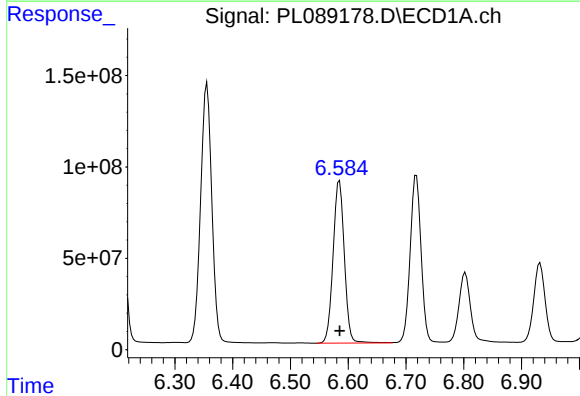
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 1921697912  
Conc: 852.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



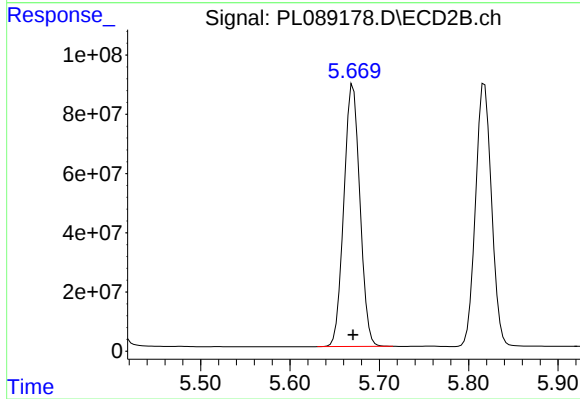
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 1643752567  
Conc: 1005.54 ng/ml



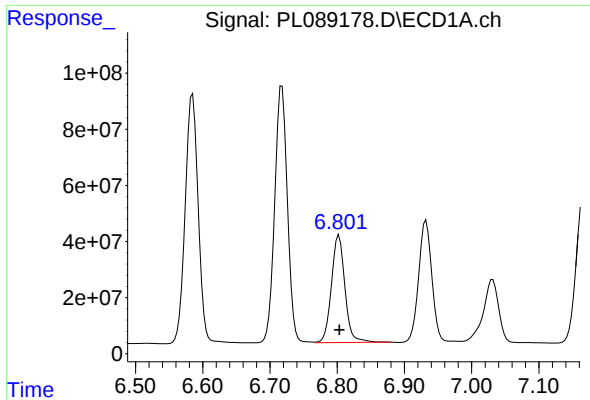
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 1203296157  
Conc: 640.27 ng/ml



#14 Endrin

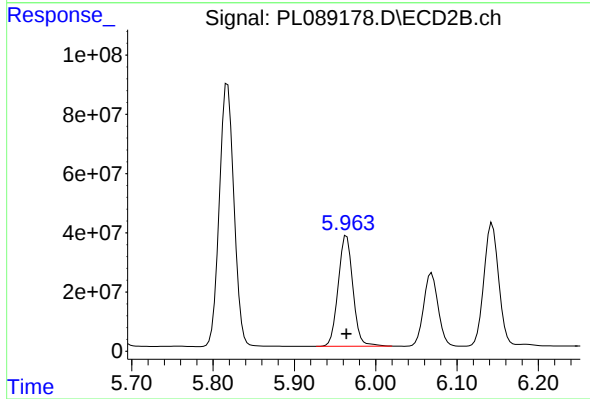
R.T.: 5.671 min  
Delta R.T.: 0.000 min  
Response: 1106214230  
Conc: 761.15 ng/ml



#15 Endosulfan II

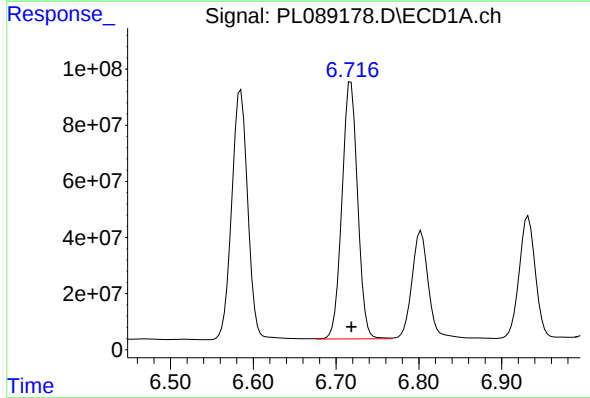
R.T.: 6.803 min  
Delta R.T.: 0.000 min  
Response: 527761347  
Conc: 273.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



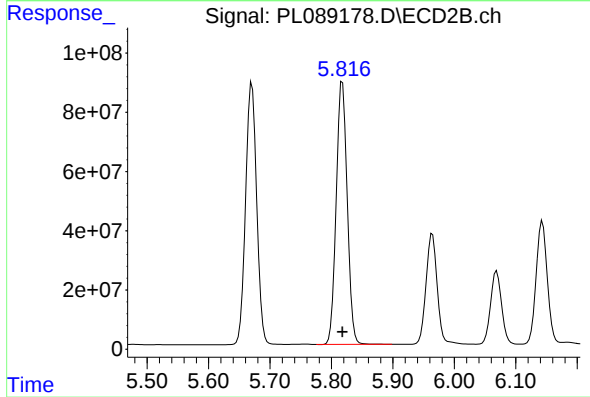
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 469891335  
Conc: 328.68 ng/ml



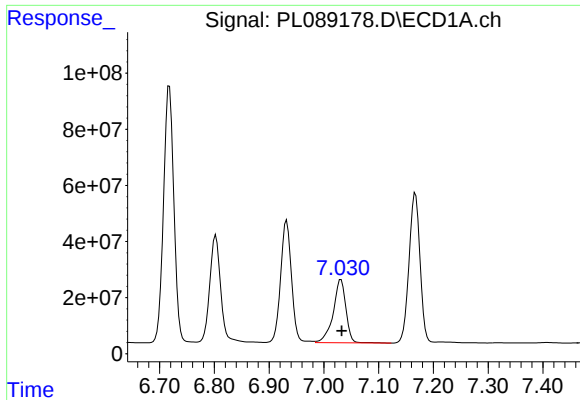
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 1206257165  
Conc: 748.35 ng/ml



#16 4,4'-DDD

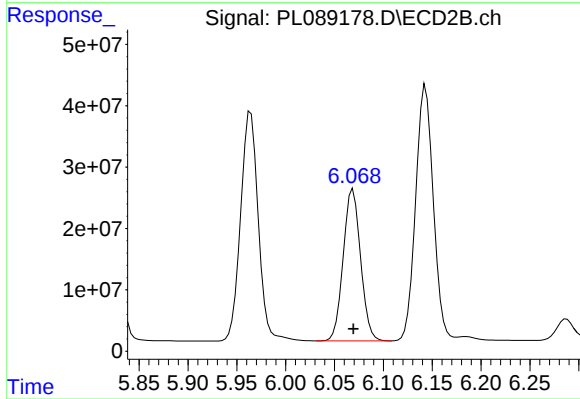
R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 1106207635  
Conc: 913.48 ng/ml



#17 4,4'-DDT

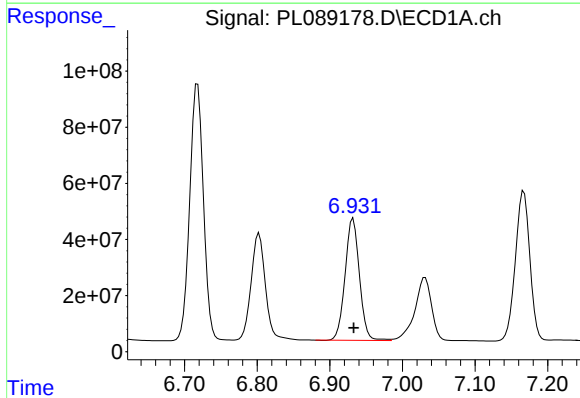
R.T.: 7.031 min  
Delta R.T.: -0.001 min  
Response: 364126861  
Conc: 199.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



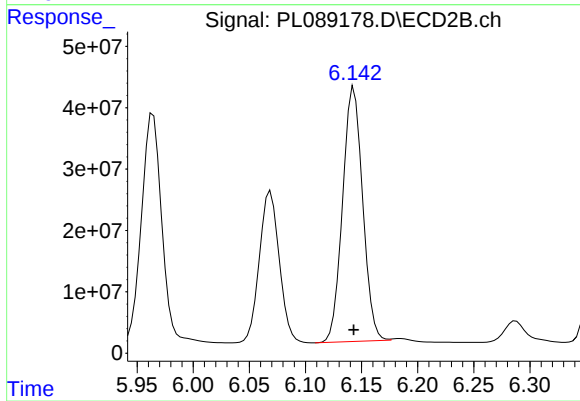
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 306046784  
Conc: 233.49 ng/ml



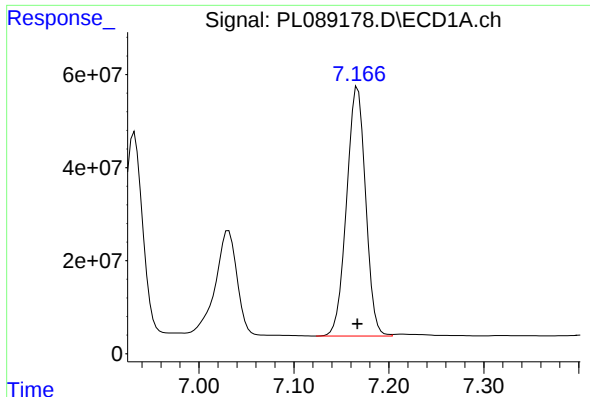
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.001 min  
Response: 597028823  
Conc: 407.91 ng/ml



#18 Endrin aldehyde

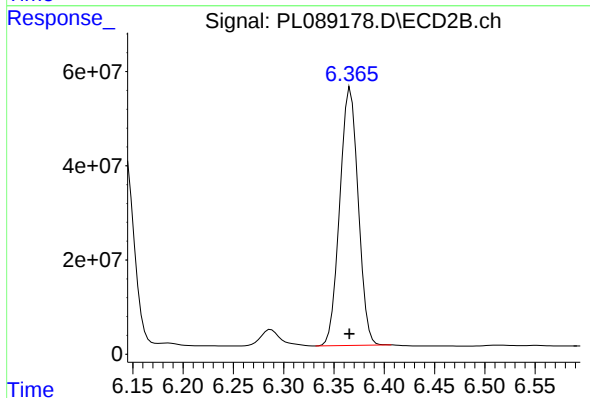
R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 515942097  
Conc: 469.48 ng/ml



#19 Endosulfan Sulfate

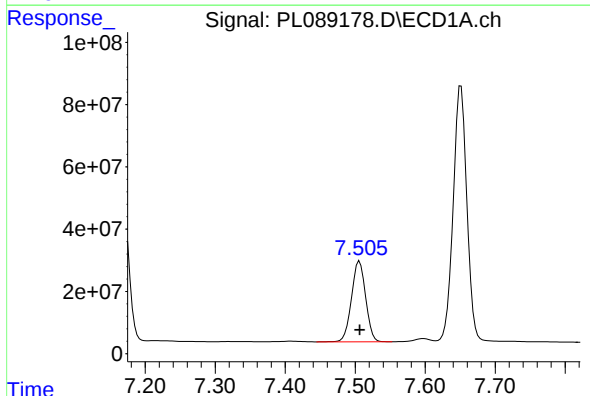
R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 745679600  
Conc: 434.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



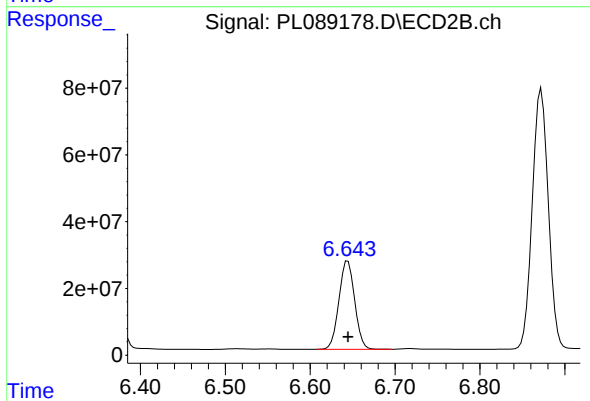
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 696163793  
Conc: 515.00 ng/ml



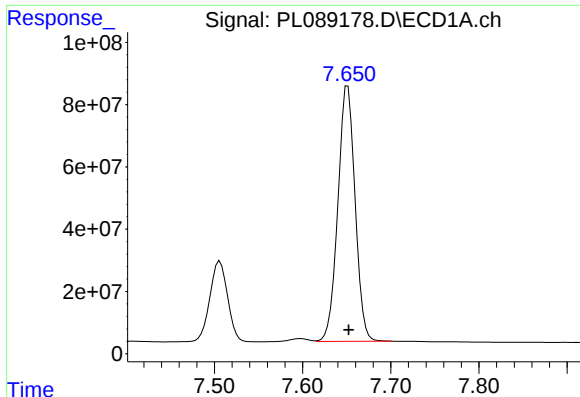
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 363388207  
Conc: 412.42 ng/ml



#20 Methoxychlor

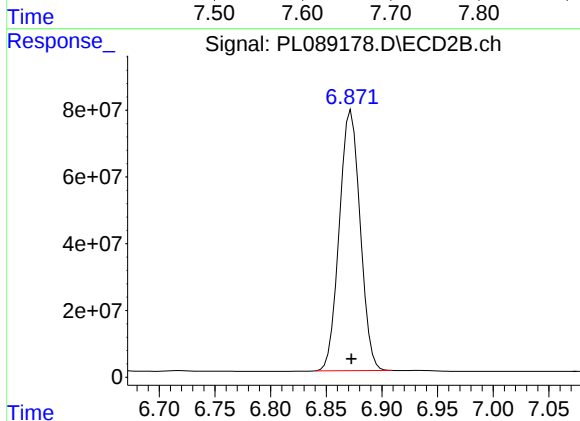
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 340296590  
Conc: 455.29 ng/ml



#21 Endrin ketone

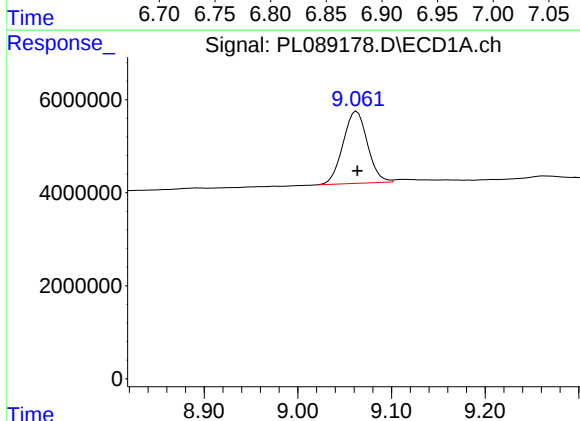
R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 1112228493  
Conc: 576.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOIL



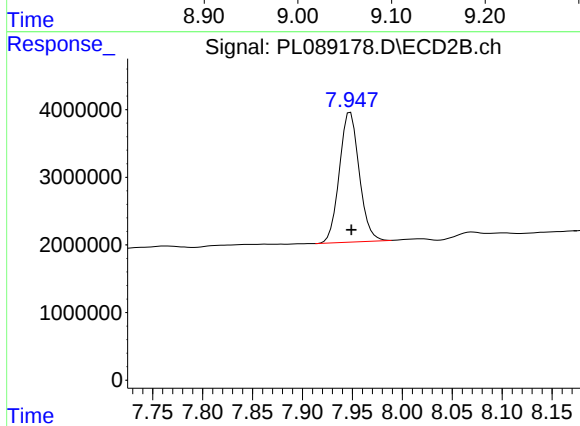
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 1017940336  
Conc: 643.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: -0.001 min  
Response: 28106843  
Conc: 22.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: -0.001 min  
Response: 26537614  
Conc: 19.82 ng/ml