

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120624\  
 Data File : PD087068.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2024 17:29  
 Operator : AR\AJ  
 Sample : P5117-02MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TAPIAL2-IDW-SOIL-120424-00-T2MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 22:25:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 15:47:26 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|---------|--------|--------|
| -----                       |       |       |          |         |        |        |
| System Monitoring Compounds |       |       |          |         |        |        |
| 1) SA Tetrachlo...          | 3.558 | 2.885 | 38169348 | 222.8E6 | 19.087 | 19.467 |
| 2) SA Decachlor...          | 9.087 | 8.086 | 61677593 | 268.5E6 | 19.389 | 19.272 |
| Target Compounds            |       |       |          |         |        |        |
| 2) A alpha-BHC              | 4.007 | 3.398 | 221.6E6  | 915.8E6 | 55.058 | 51.973 |
| 3) MA gamma-BHC...          | 4.338 | 3.735 | 208.0E6  | 856.1E6 | 52.162 | 50.975 |
| 4) MA Heptachlor            | 4.939 | 4.090 | 214.3E6  | 837.5E6 | 54.578 | 51.521 |
| 5) MB Aldrin                | 5.281 | 4.377 | 206.0E6  | 820.9E6 | 50.531 | 49.103 |
| 6) B beta-BHC               | 4.522 | 4.030 | 82308574 | 375.8E6 | 52.186 | 52.470 |
| 7) B delta-BHC              | 4.771 | 4.268 | 217.7E6  | 848.8E6 | 53.406 | 49.922 |
| 8) B Heptachlo...           | 5.701 | 4.881 | 185.6E6  | 759.3E6 | 51.367 | 50.006 |
| 9) A Endosulfan I           | 6.084 | 5.256 | 174.7E6  | 720.0E6 | 52.055 | 50.718 |
| 10) B gamma-Chl...          | 5.955 | 5.135 | 186.7E6  | 804.5E6 | 52.852 | 51.715 |
| 11) B alpha-Chl...          | 6.036 | 5.200 | 187.1E6  | 779.0E6 | 52.355 | 50.972 |
| 12) B 4,4'-DDE              | 6.205 | 5.385 | 169.8E6  | 769.1E6 | 52.176 | 51.016 |
| 13) MA Dieldrin             | 6.357 | 5.522 | 188.0E6  | 791.0E6 | 52.043 | 50.794 |
| 14) MA Endrin               | 6.584 | 5.798 | 156.3E6  | 716.4E6 | 51.666 | 51.212 |
| 15) B Endosulfa...          | 6.795 | 6.090 | 156.8E6  | 690.7E6 | 52.458 | 50.178 |
| 16) A 4,4'-DDD              | 6.714 | 5.940 | 133.8E6  | 644.7E6 | 51.455 | 51.291 |
| 17) MA 4,4'-DDT             | 7.031 | 6.194 | 142.2E6  | 660.9E6 | 50.330 | 49.563 |
| 18) B Endrin al...          | 6.924 | 6.268 | 115.6E6  | 517.0E6 | 47.276 | 46.601 |
| 19) B Endosulfa...          | 7.159 | 6.492 | 148.4E6  | 670.1E6 | 50.987 | 49.527 |
| 20) A Methoxychlor          | 7.503 | 6.766 | 77065473 | 349.6E6 | 48.187 | 48.735 |
| 21) B Endrin ke...          | 7.639 | 7.001 | 162.3E6  | 722.1E6 | 50.019 | 47.912 |
| 22) Mirex                   | 8.124 | 7.197 | 113.2E6  | 533.2E6 | 45.379 | 43.238 |
| -----                       |       |       |          |         |        |        |

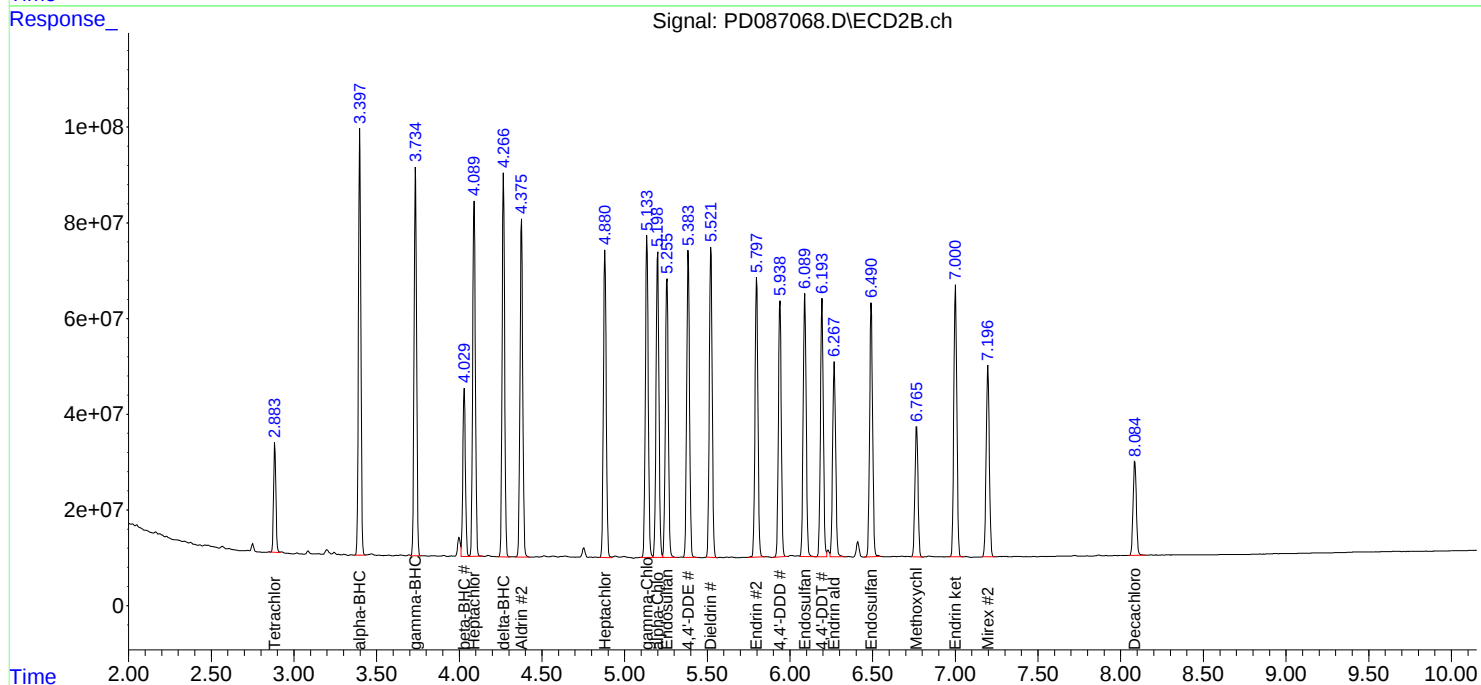
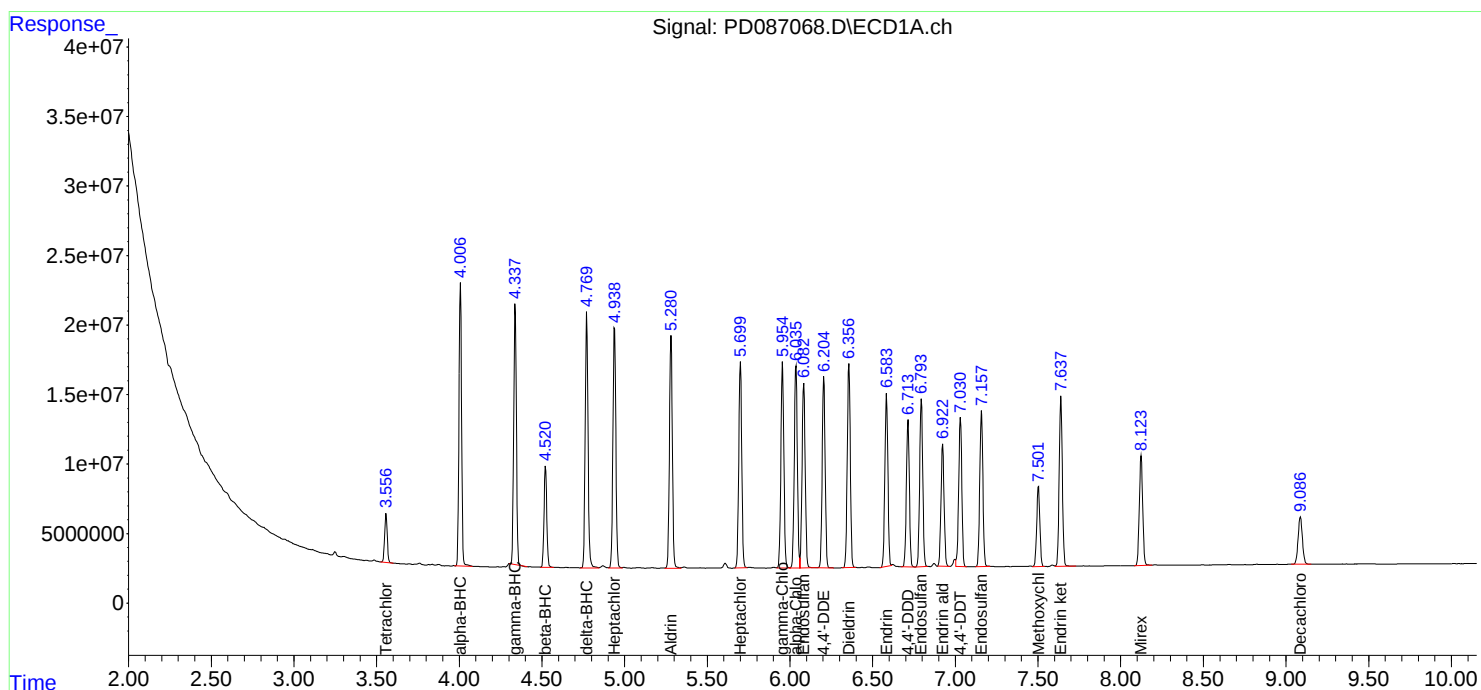
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

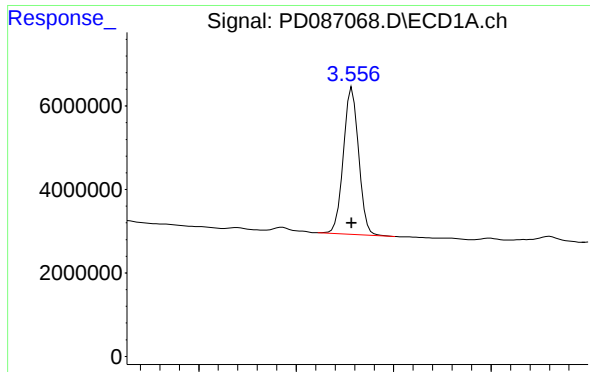
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120624\  
Data File : PD087068.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2024 17:29  
Operator : AR\AJ  
Sample : P5117-02MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 22:25:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 15:47:26 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

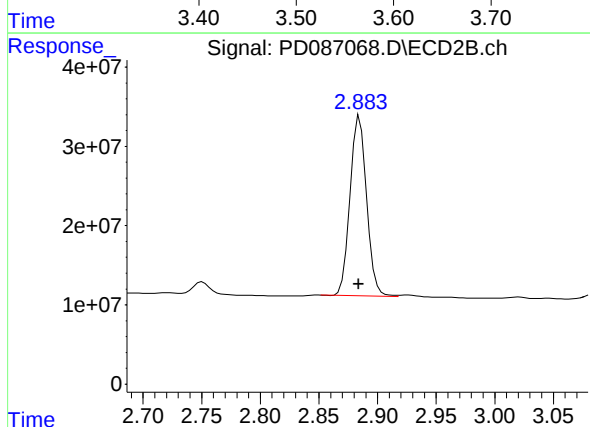
R.T.: 3.558 min  
Delta R.T.: 0.000 min  
Response: 38169348  
Conc: 19.09 ng/ml

Instrument :

ECD\_D

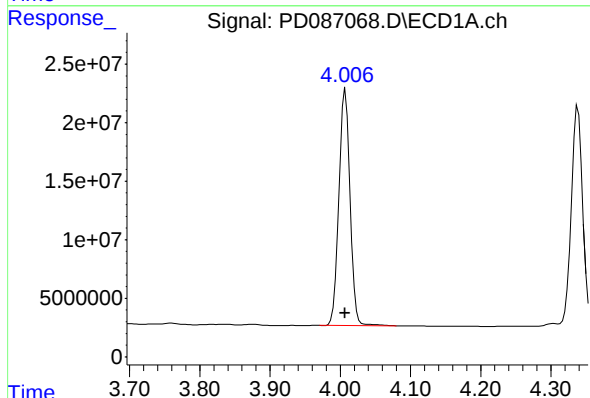
ClientSampleId :

TAPIAL2-IDW-SOIL-120424-00-T2MS



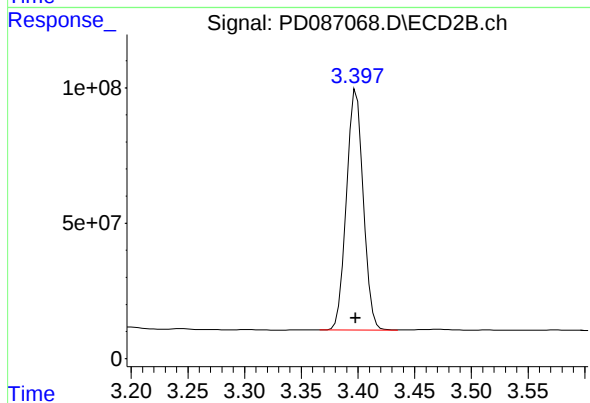
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: 0.000 min  
Response: 222823404  
Conc: 19.47 ng/ml



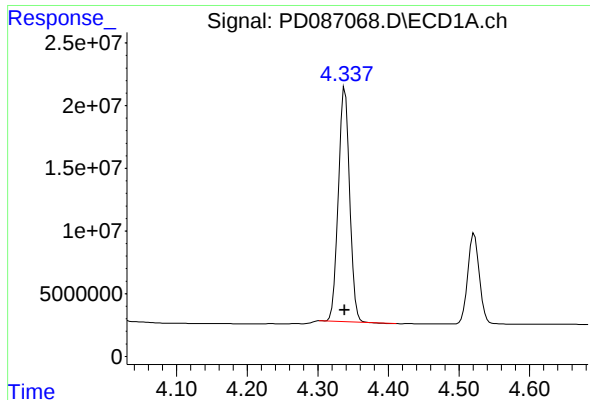
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 221556668  
Conc: 55.06 ng/ml



#2 alpha-BHC

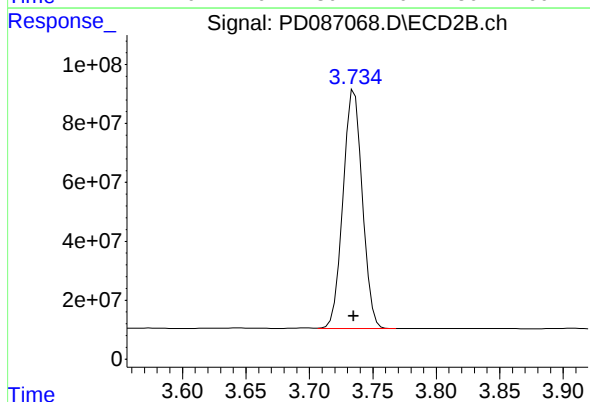
R.T.: 3.398 min  
Delta R.T.: 0.000 min  
Response: 915815094  
Conc: 51.97 ng/ml



#3 gamma-BHC (Lindane)

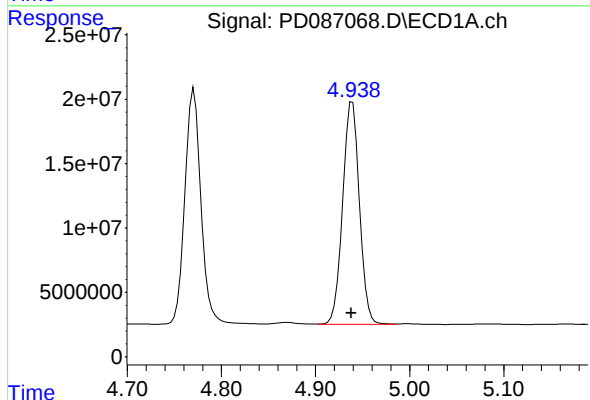
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 208044363  
Conc: 52.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



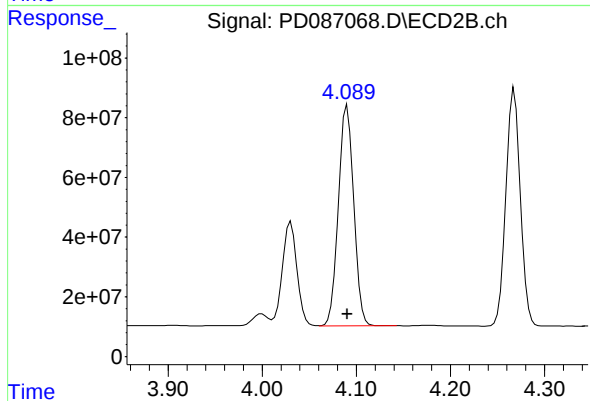
#3 gamma-BHC (Lindane)

R.T.: 3.735 min  
Delta R.T.: 0.000 min  
Response: 856116535  
Conc: 50.97 ng/ml



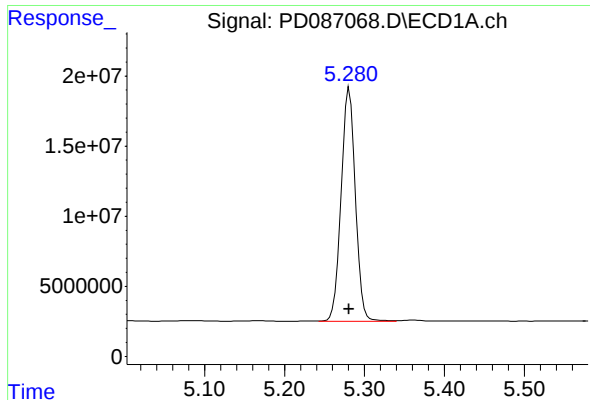
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 214284873  
Conc: 54.58 ng/ml



#4 Heptachlor

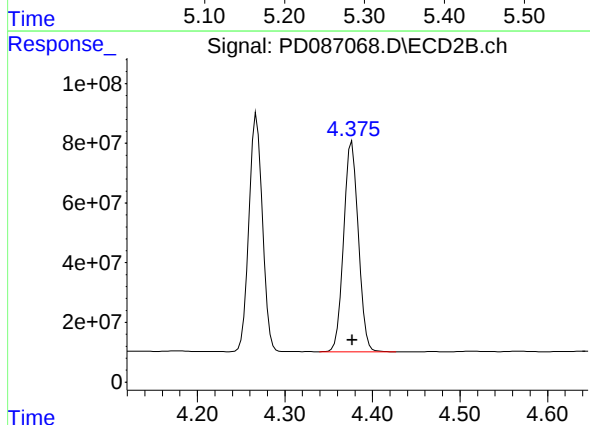
R.T.: 4.090 min  
Delta R.T.: 0.000 min  
Response: 837511950  
Conc: 51.52 ng/ml



#5 Aldrin

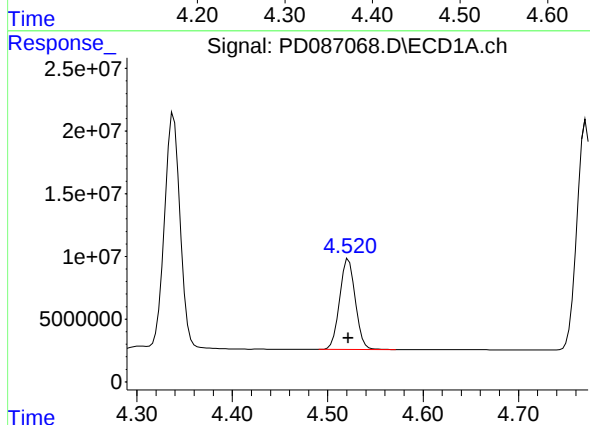
R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 205958138  
Conc: 50.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



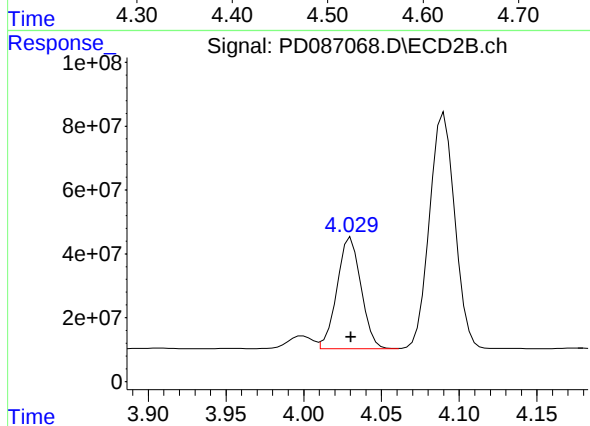
#5 Aldrin

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 820879129  
Conc: 49.10 ng/ml



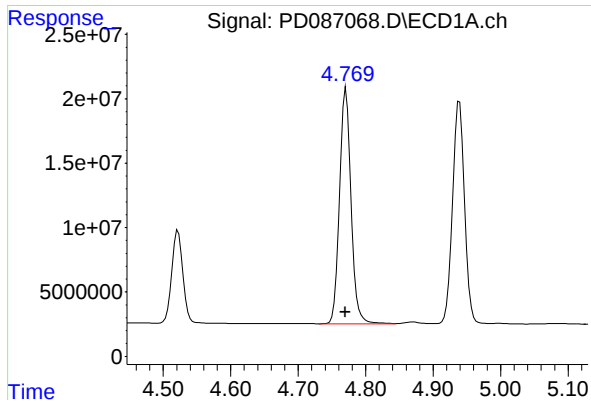
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 82308574  
Conc: 52.19 ng/ml



#6 beta-BHC

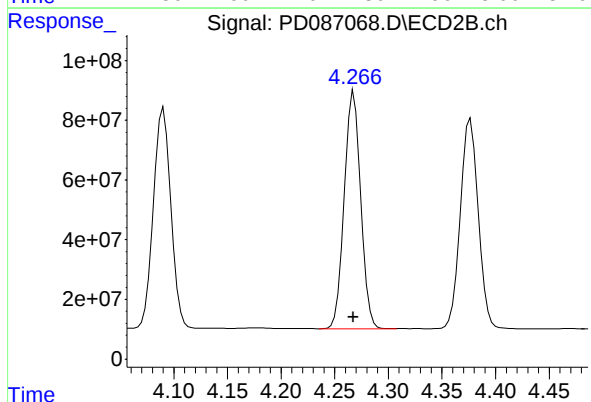
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 375785253  
Conc: 52.47 ng/ml



#7 delta-BHC

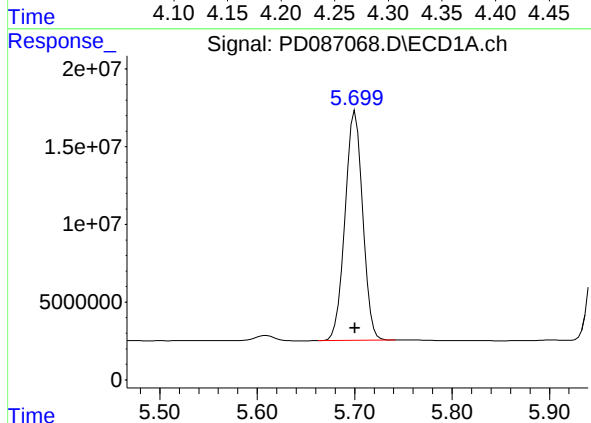
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 217689048  
Conc: 53.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



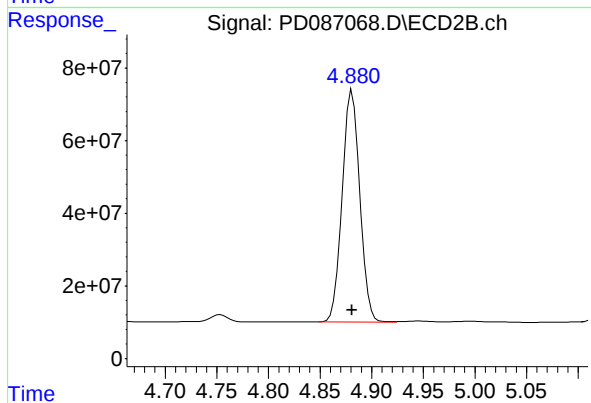
#7 delta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 848792572  
Conc: 49.92 ng/ml



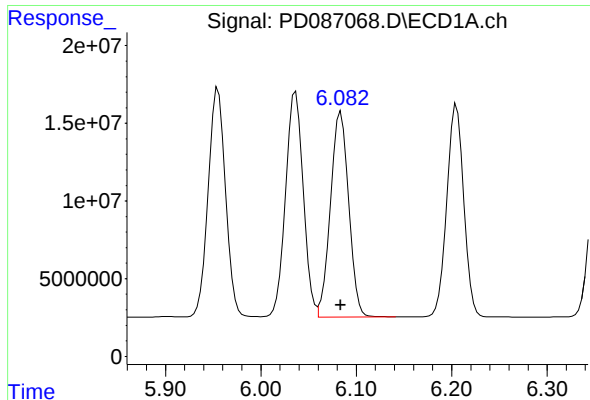
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: 0.000 min  
Response: 185619747  
Conc: 51.37 ng/ml



#8 Heptachlor epoxide

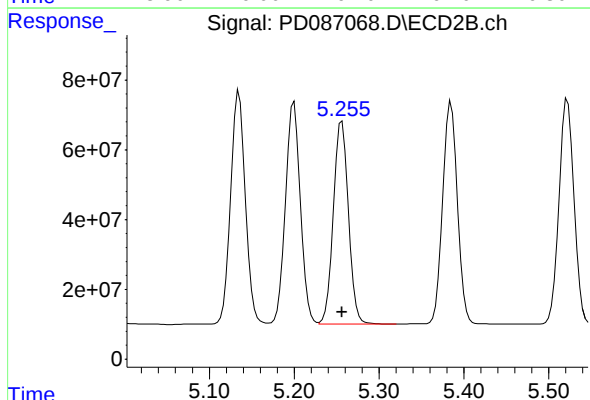
R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 759276205  
Conc: 50.01 ng/ml



#9 Endosulfan I

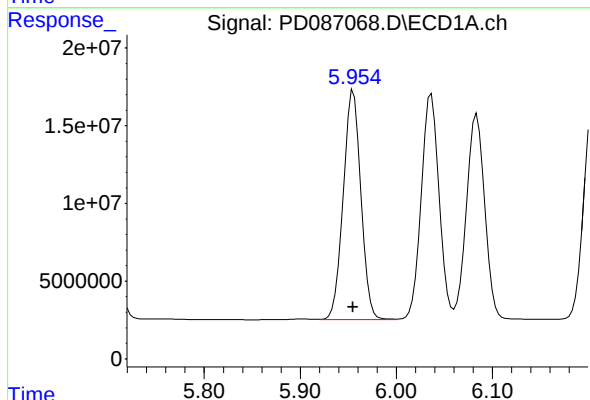
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 174686287  
Conc: 52.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



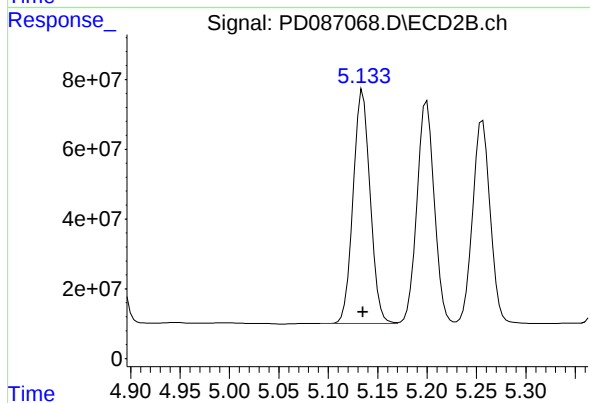
#9 Endosulfan I

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 720020572  
Conc: 50.72 ng/ml



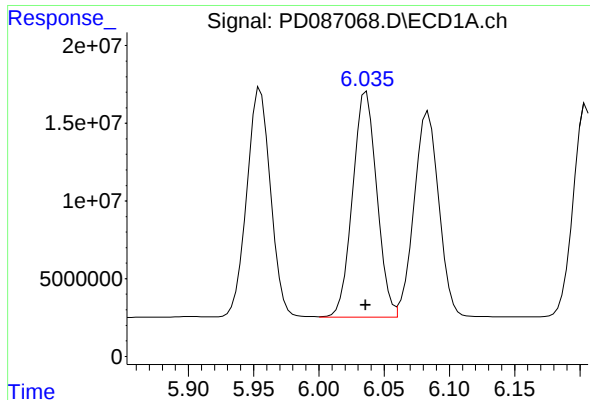
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 186725341  
Conc: 52.85 ng/ml



#10 gamma-Chlordane

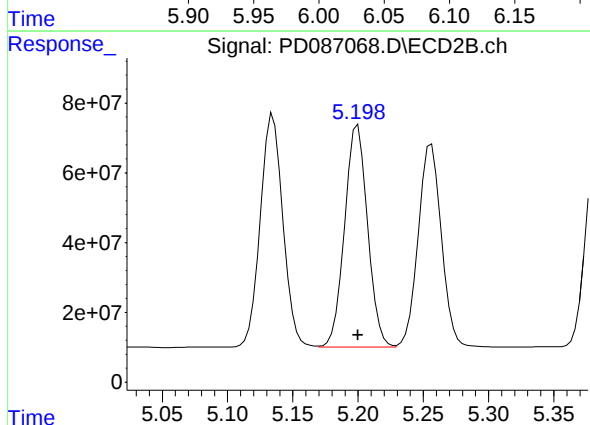
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 804450669  
Conc: 51.71 ng/ml



#11 alpha-Chlordane

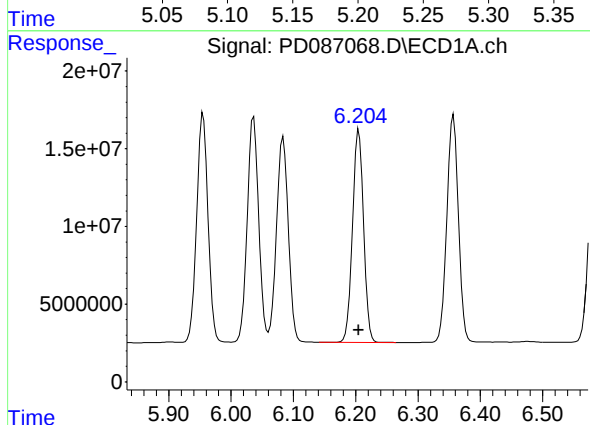
R.T.: 6.036 min  
Delta R.T.: 0.000 min  
Response: 187054456  
Conc: 52.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



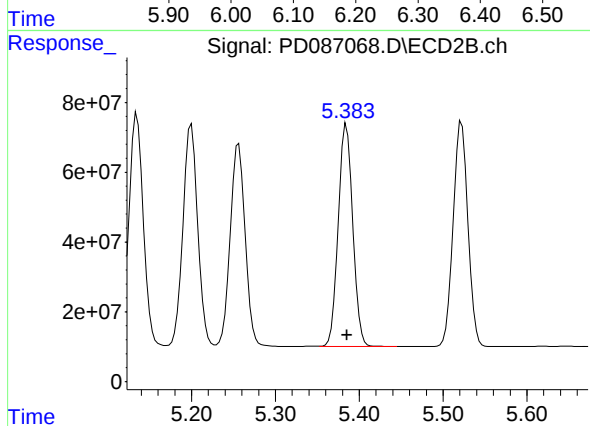
#11 alpha-Chlordane

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 778958099  
Conc: 50.97 ng/ml



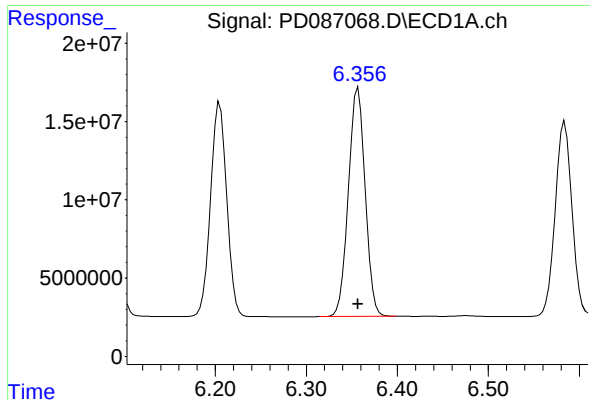
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 169762290  
Conc: 52.18 ng/ml



#12 4,4'-DDE

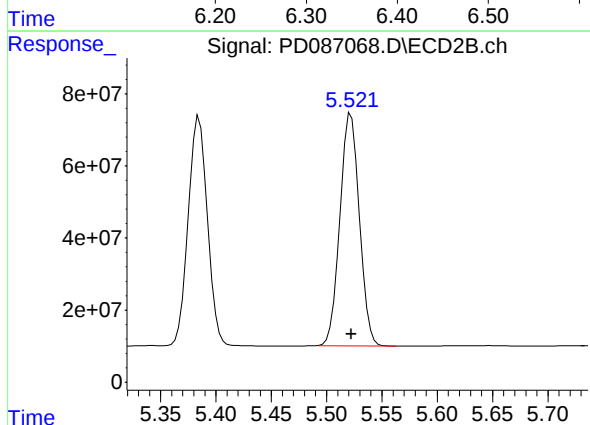
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 769050338  
Conc: 51.02 ng/ml



#13 Dieldrin

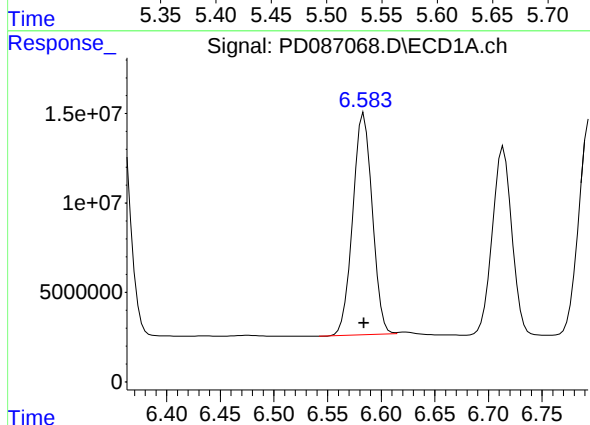
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 188011504  
Conc: 52.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



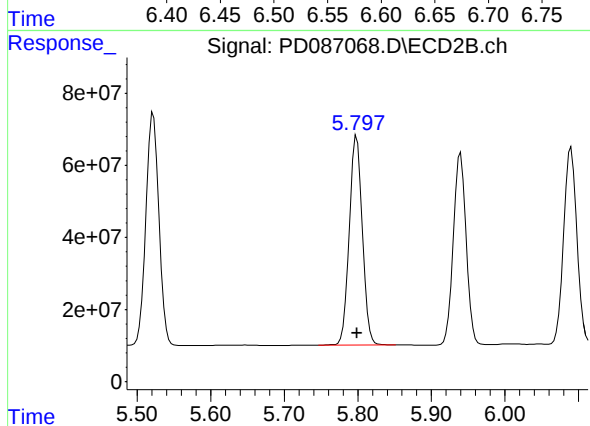
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 790961230  
Conc: 50.79 ng/ml



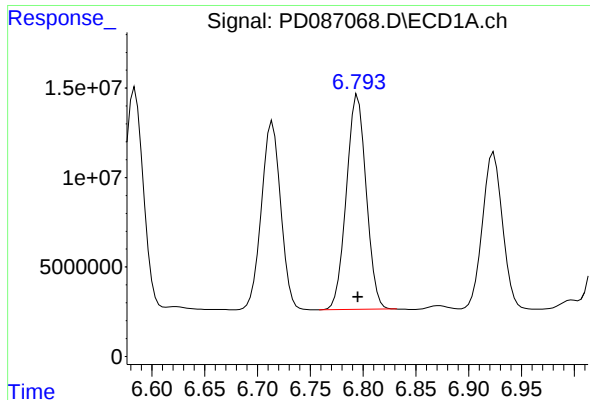
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 156338642  
Conc: 51.67 ng/ml



#14 Endrin

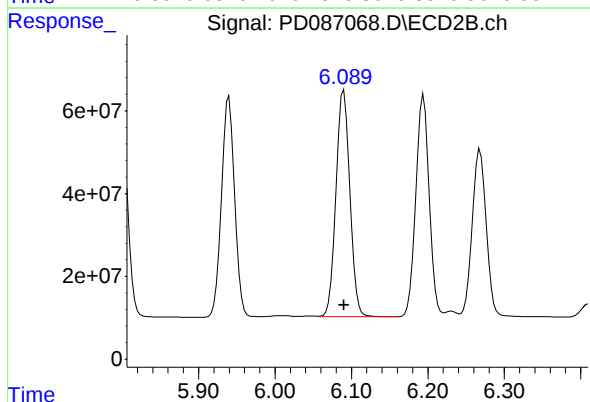
R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 716380663  
Conc: 51.21 ng/ml



#15 Endosulfan II

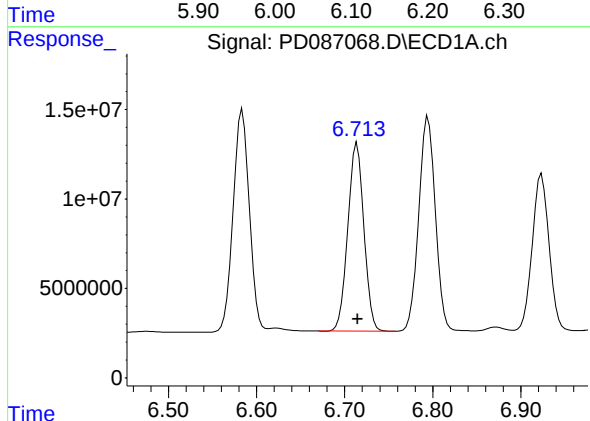
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 156797966  
Conc: 52.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



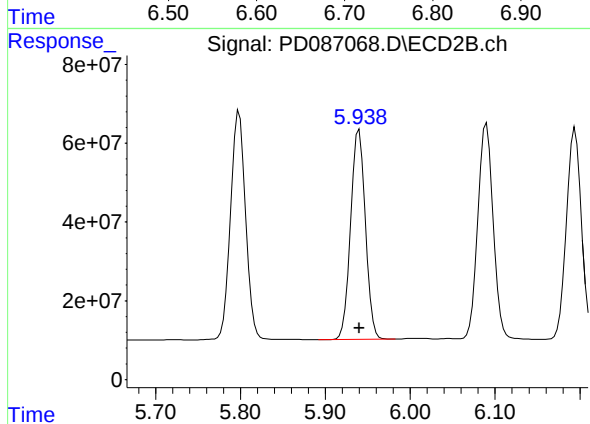
#15 Endosulfan II

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 690657939  
Conc: 50.18 ng/ml



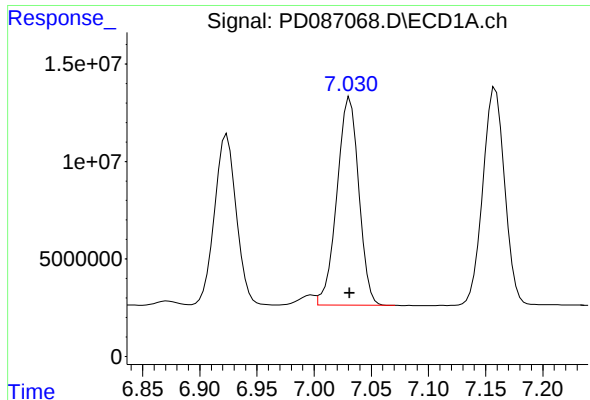
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 133762327  
Conc: 51.45 ng/ml



#16 4,4'-DDD

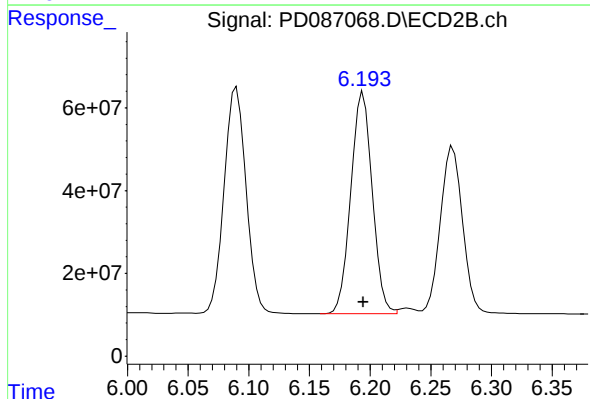
R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 644710248  
Conc: 51.29 ng/ml



#17 4,4'-DDT

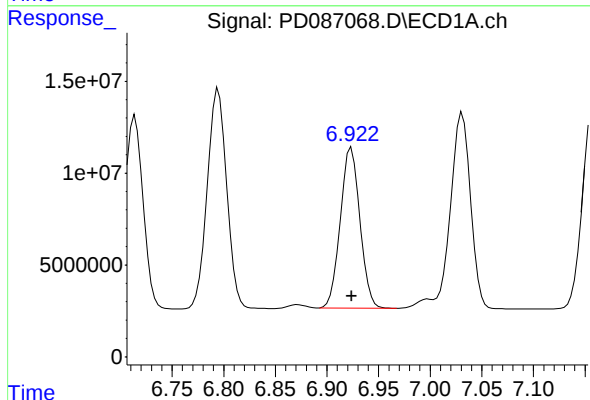
R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 142177083  
Conc: 50.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



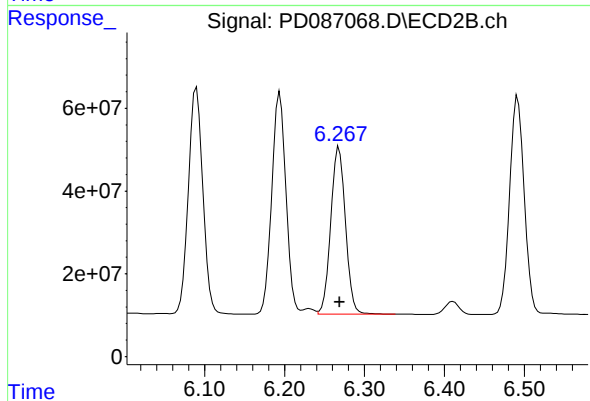
#17 4,4'-DDT

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 660864306  
Conc: 49.56 ng/ml



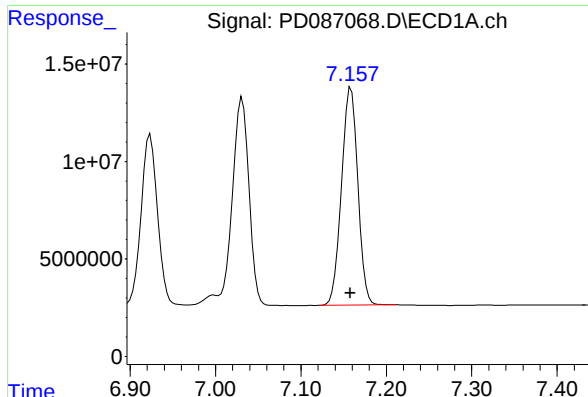
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 115573944  
Conc: 47.28 ng/ml



#18 Endrin aldehyde

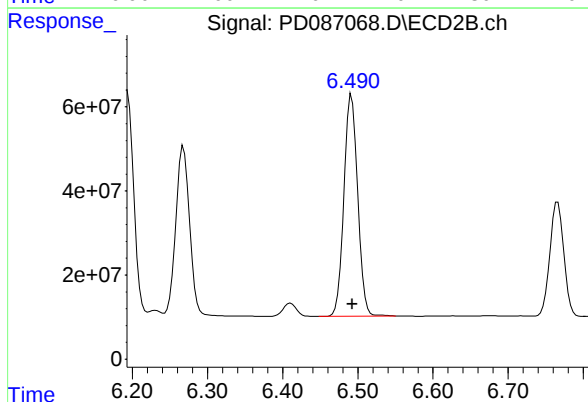
R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 516984303  
Conc: 46.60 ng/ml



#19 Endosulfan Sulfate

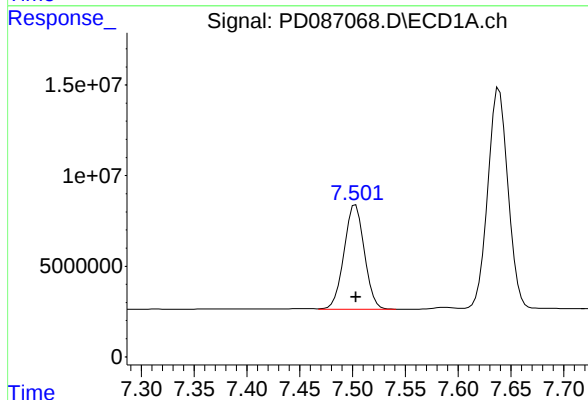
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 148377800  
Conc: 50.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



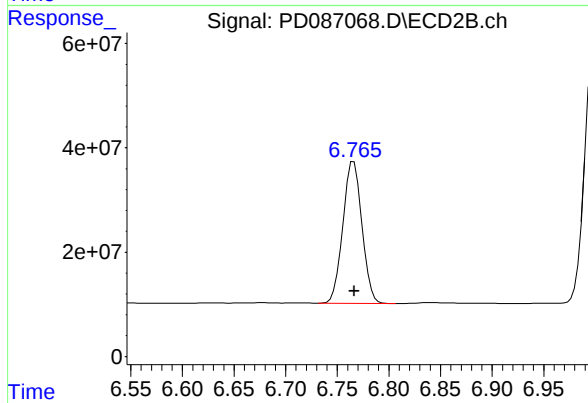
#19 Endosulfan Sulfate

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 670091468  
Conc: 49.53 ng/ml



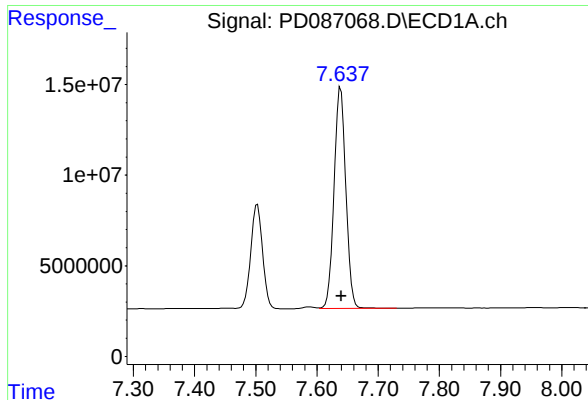
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 77065473  
Conc: 48.19 ng/ml



#20 Methoxychlor

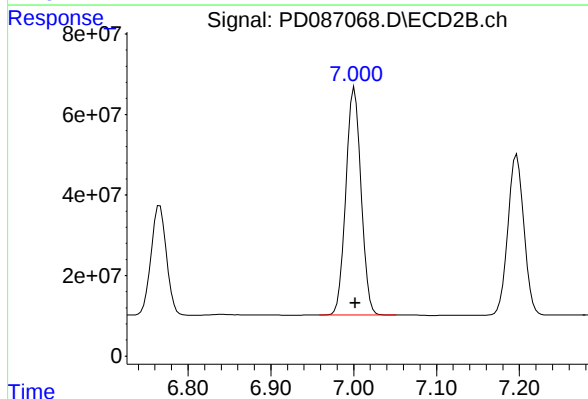
R.T.: 6.766 min  
Delta R.T.: 0.000 min  
Response: 349586778  
Conc: 48.73 ng/ml



#21 Endrin ketone

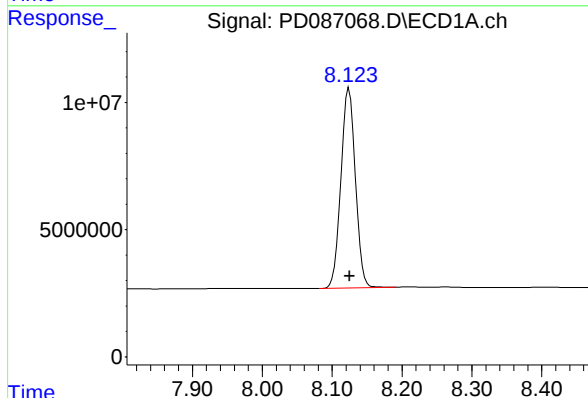
R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 162323963  
Conc: 50.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



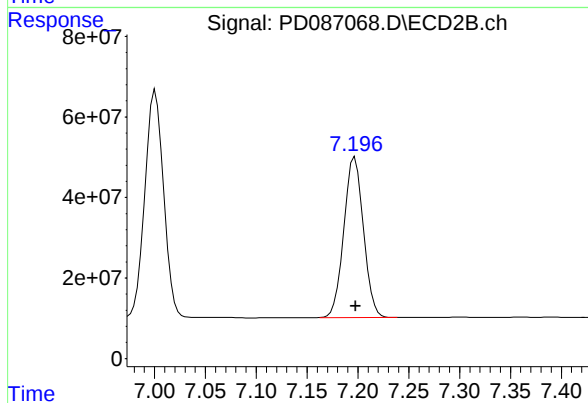
#21 Endrin ketone

R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 722120621  
Conc: 47.91 ng/ml



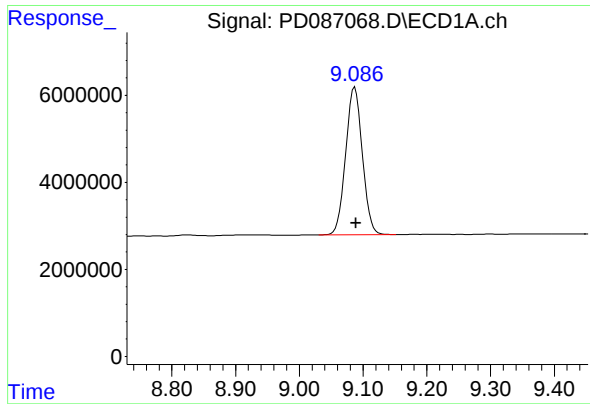
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: -0.001 min  
Response: 113222401  
Conc: 45.38 ng/ml



#22 Mirex

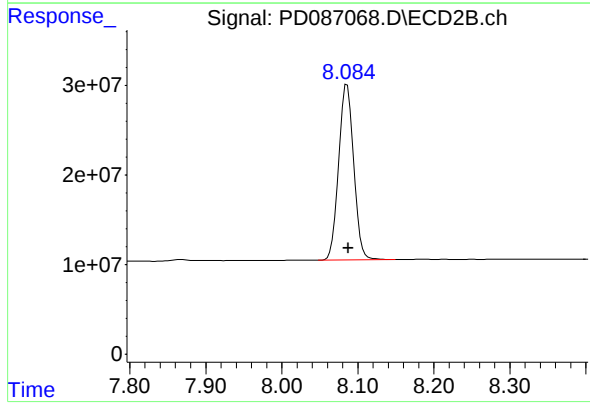
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 533153760  
Conc: 43.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.002 min  
Response: 61677593  
Conc: 19.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TAPIAL2-IDW-SOIL-120424-00-T2MS



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.002 min  
Response: 268513310  
Conc: 19.27 ng/ml