

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030824\  
 Data File : PD082046.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Mar 2024 09:55  
 Operator : AR\AJ  
 Sample : P1601-04  
 Misc : TOX MDL 100PPB SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MDL-SOIL-QT1-2024-02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 08 21:32:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 17:06:05 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

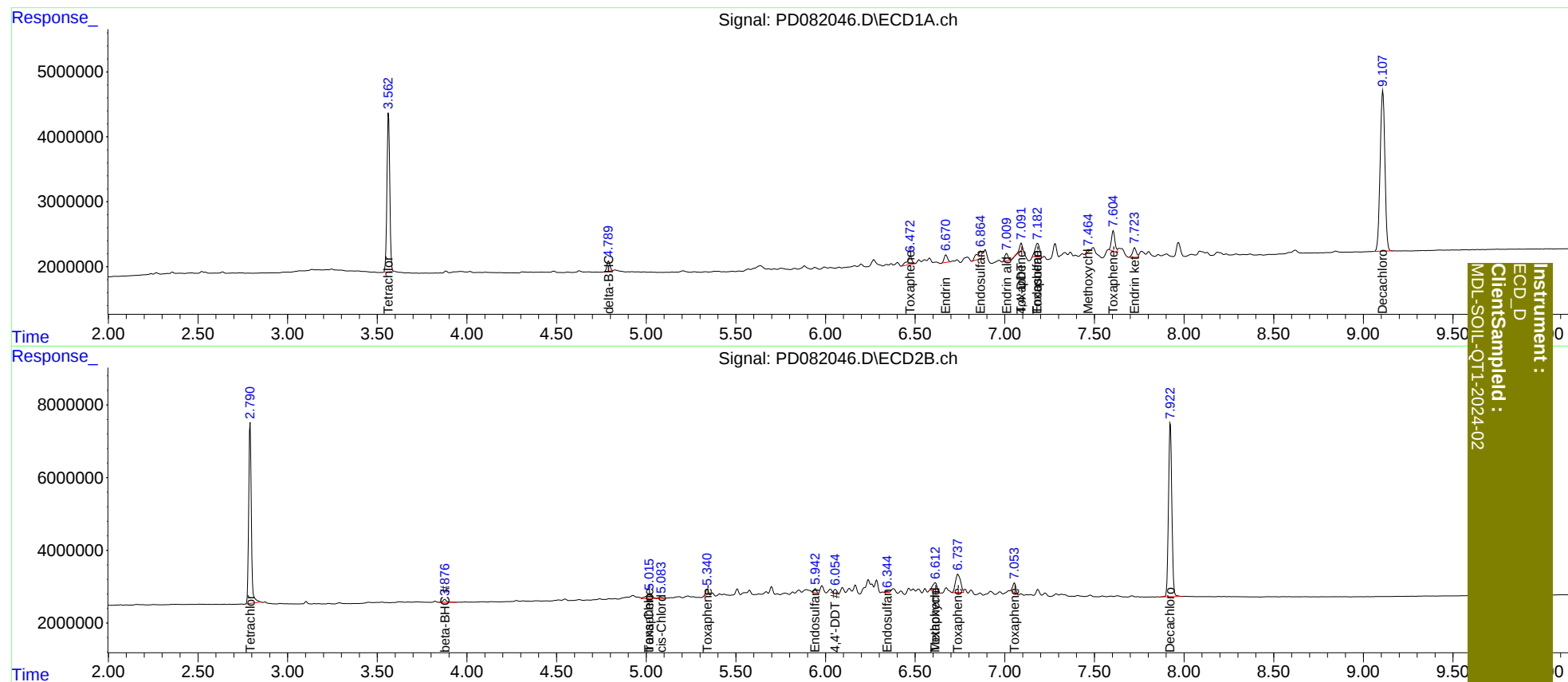
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.563  | 2.791  | 26811467 | 50248974 | 19.611  | 20.497    |
| 27)                         | SA Decachlor... | 9.109  | 7.923  | 45727896 | 61899703 | 23.701  | 24.953    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.291  | 0        | 316969   | N.D.    | <MDL      |
| 3)                          | MA gamma-BHC... | 0.000  | 3.619  | 0        | 209176   | N.D.    | <MDL      |
| 5)                          | MB Aldrin       | 0.000  | 4.277f | 0        | 323454   | N.D.    | <MDL      |
| 6)                          | B beta-BHC      | 0.000  | 3.877f | 0        | 1218074  | N.D.    | 0.721     |
| 7)                          | B delta-BHC     | 4.790  | 0.000  | 1893594  | 0        | 0.800   | N.D. #    |
| 8)                          | B Heptachlo...  | 0.000  | 4.741  | 0        | 264455   | N.D.    | <MDL      |
| 9)                          | A Endosulfan I  | 0.000  | 5.142  | 0        | 68612    | N.D.    | <MDL      |
| 10)                         | B trans-Chl...  | 0.000  | 5.017  | 0        | 2759956  | N.D.    | 0.884     |
| 11)                         | B cis-Chlor...  | 0.000  | 5.083  | 0        | 361089   | N.D.    | 0.113     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.234  | 0        | 210402   | N.D.    | <MDL      |
| 13)                         | MA Dieldrin     | 0.000  | 5.371  | 0        | 99611    | N.D.    | <MDL      |
| 14)                         | MA Endrin       | 6.672f | 5.670  | 1484702  | 283138   | 0.791   | <MDL #    |
| 15)                         | B Endosulfa...  | 6.865f | 5.943  | 2293768  | 1244350  | 1.188   | 0.441 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.818  | 0        | 97256    | N.D.    | <MDL      |
| 17)                         | MA 4,4'-DDT     | 7.092  | 6.055  | 1182593  | 1338428  | 0.681   | 0.518     |
| 18)                         | B Endrin al...  | 7.010f | 6.133  | 1432823  | -179162  | 0.959   | N.D. #    |
| 19)                         | B Endosulfa...  | 7.183  | 6.344  | 3626807  | 305265   | 1.981   | 0.114 #   |
| 20)                         | A Methoxychlor  | 7.466f | 6.613  | 435664   | 4200865  | 0.475   | 3.144 #   |
| 21)                         | B Endrin ke...  | 7.724f | 6.863  | 2123982  | 91760    | 1.098   | <MDL #    |
| 22)                         | Toxaphene-1     | 0.000  | 5.017  | 0        | 2759956  | N.D.    | 168.576   |
| 23)                         | Toxaphene-2     | 6.473  | 5.341  | 2375253  | 1507111  | 125.293 | 88.428 #  |
| 24)                         | Toxaphene-3     | 7.092  | 6.613  | 1182593  | 4200865  | 22.362  | 71.771 #  |
| 25)                         | Toxaphene-4     | 7.183  | 6.739  | 3626807  | 9942245  | 91.684  | 124.940 # |
| 26)                         | Toxaphene-5     | 7.605  | 7.054  | 4247266  | 3171242  | 143.207 | 97.796 #  |
| -----                       |                 |        |        |          |          |         |           |

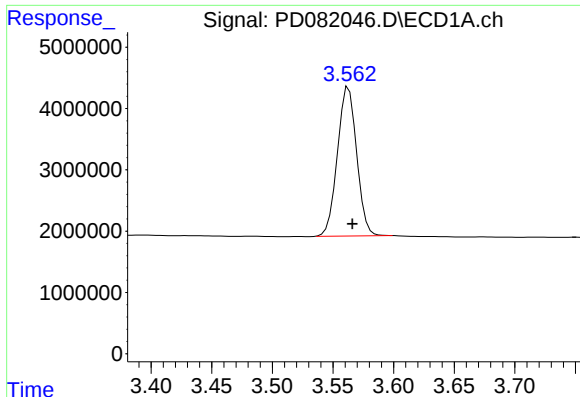
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030824\  
Data File : PD082046.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Mar 2024 09:55  
Operator : AR\AJ  
Sample : P1601-04  
Misc : TOX MDL 100PPB SOIL  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 08 21:32:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 12 17:06:05 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

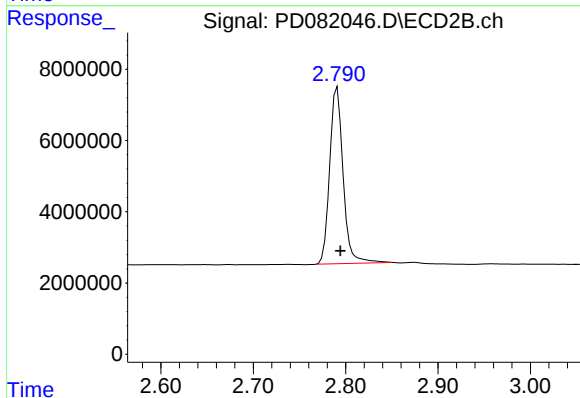




#1 Tetrachloro-m-xylene

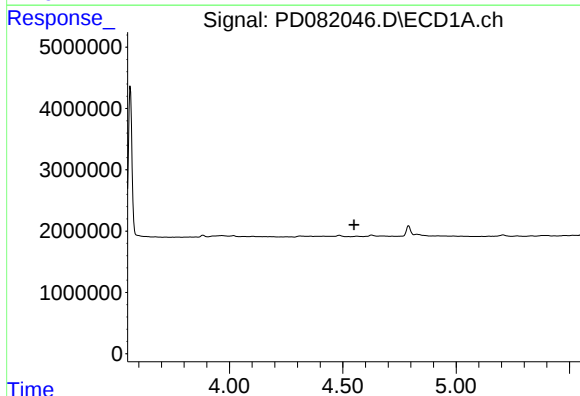
R.T.: 3.563 min  
Delta R.T.: -0.003 min  
Response: 26811467  
Conc: 19.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



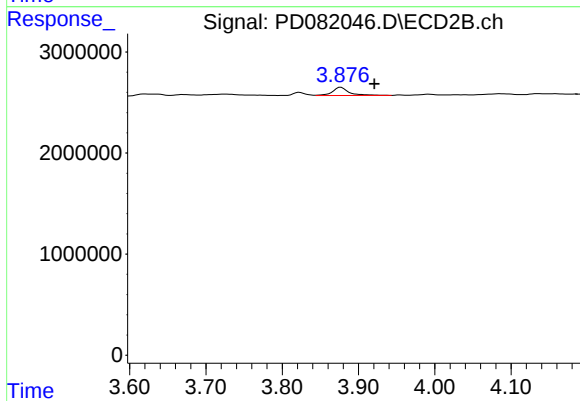
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.004 min  
Response: 50248974  
Conc: 20.50 ng/ml



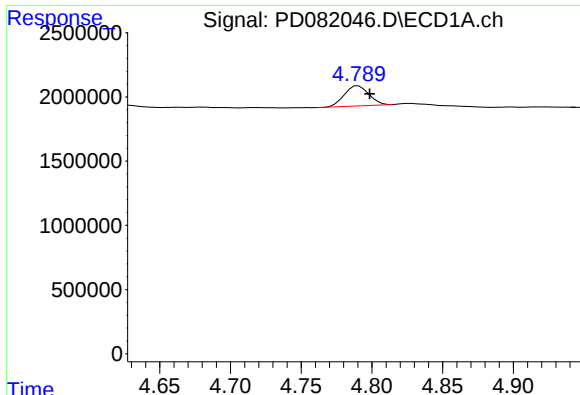
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

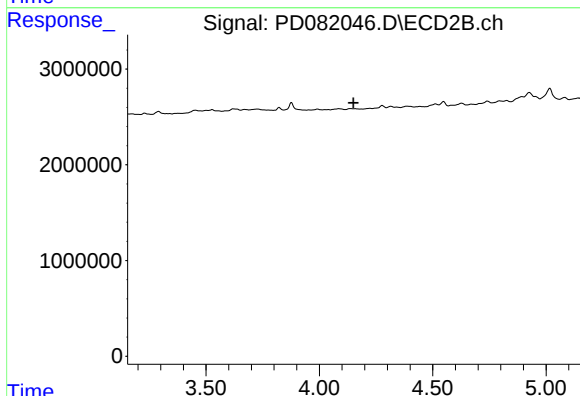
R.T.: 3.877 min  
Delta R.T.: -0.044 min  
Response: 1218074  
Conc: 0.72 ng/ml



#7 delta-BHC

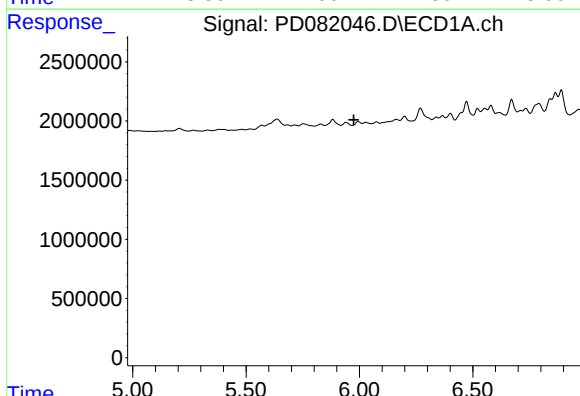
R.T.: 4.790 min  
Delta R.T.: -0.008 min  
Response: 1893594  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



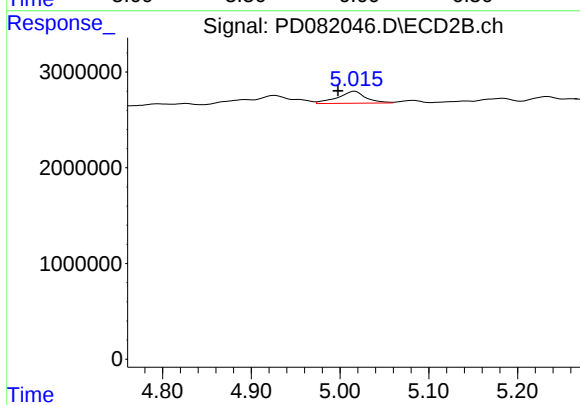
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.151 min  
Response: 0  
Conc: N.D.



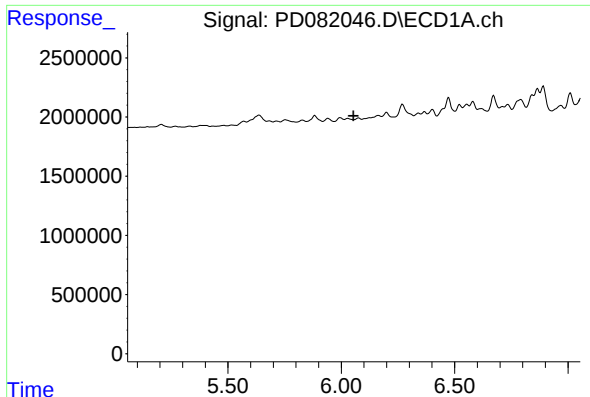
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.975 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

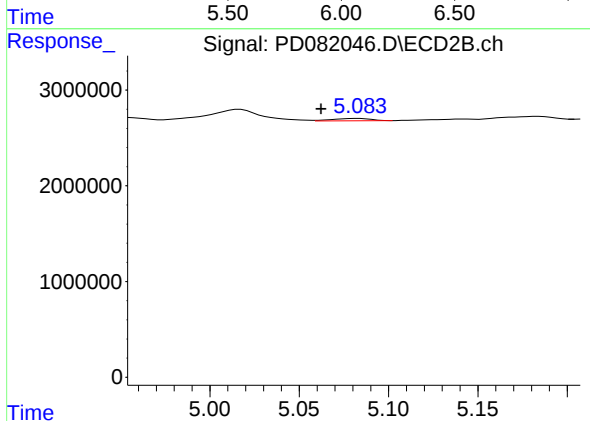
R.T.: 5.017 min  
Delta R.T.: 0.019 min  
Response: 2759956  
Conc: 0.88 ng/ml



#11 cis-Chlordane

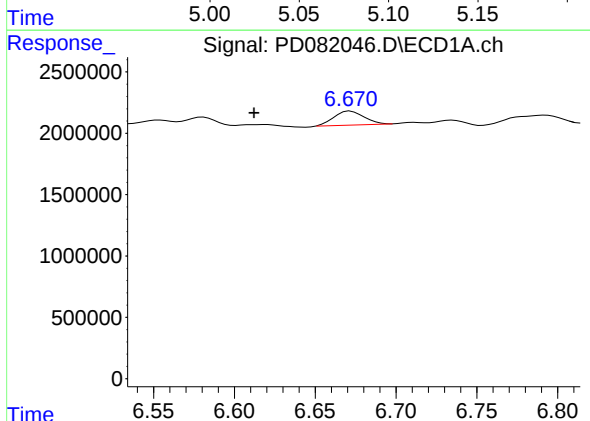
R.T.: 0.000 min  
Exp R.T.: 6.054 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



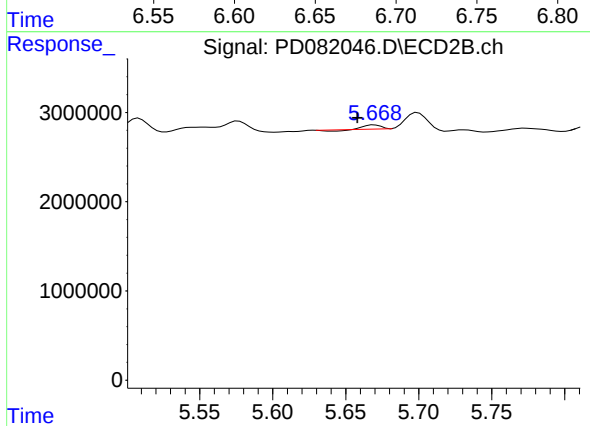
#11 cis-Chlordane

R.T.: 5.083 min  
Delta R.T.: 0.021 min  
Response: 361089  
Conc: 0.11 ng/ml



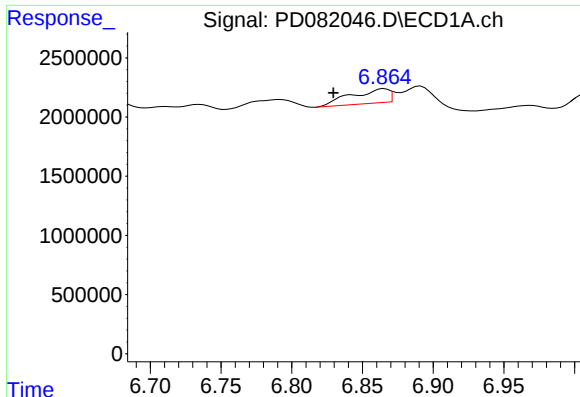
#14 Endrin

R.T.: 6.672 min  
Delta R.T.: 0.060 min  
Response: 1484702  
Conc: 0.79 ng/ml



#14 Endrin

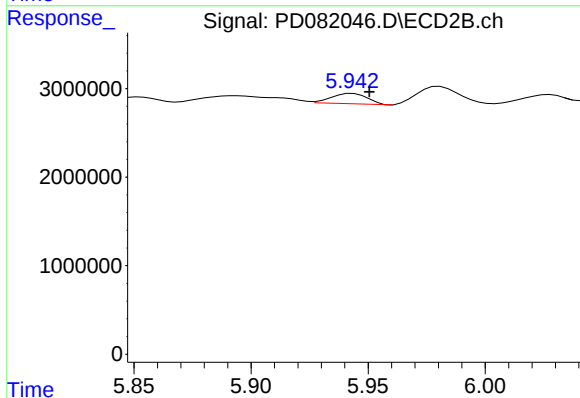
R.T.: 5.670 min  
Delta R.T.: 0.011 min  
Response: 283138  
Conc: N.D.



#15 Endosulfan II

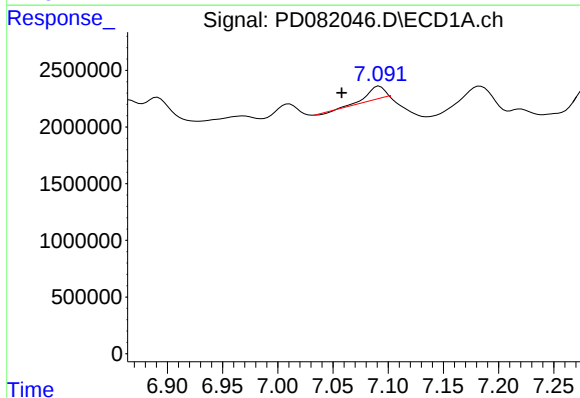
R.T.: 6.865 min  
Delta R.T.: 0.036 min  
Response: 2293768  
Conc: 1.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



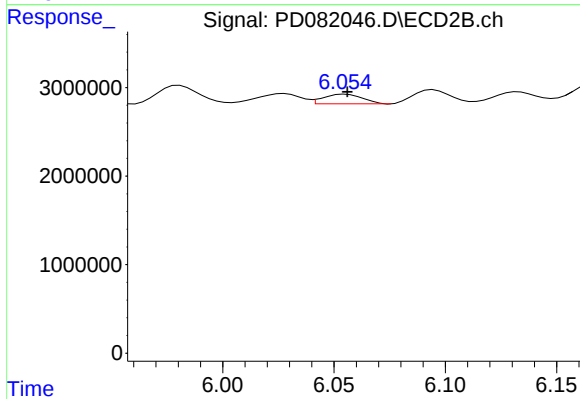
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: -0.007 min  
Response: 1244350  
Conc: 0.44 ng/ml



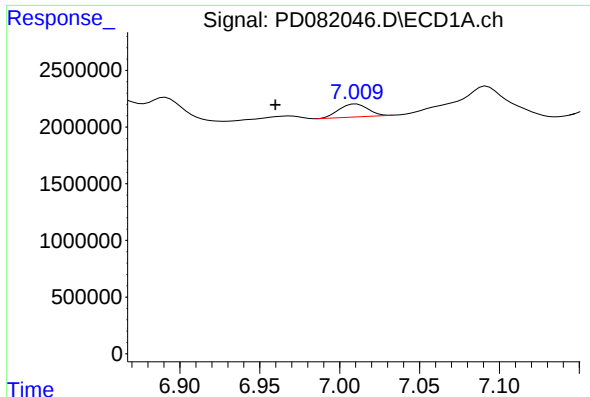
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.034 min  
Response: 1182593  
Conc: 0.68 ng/ml



#17 4,4'-DDT

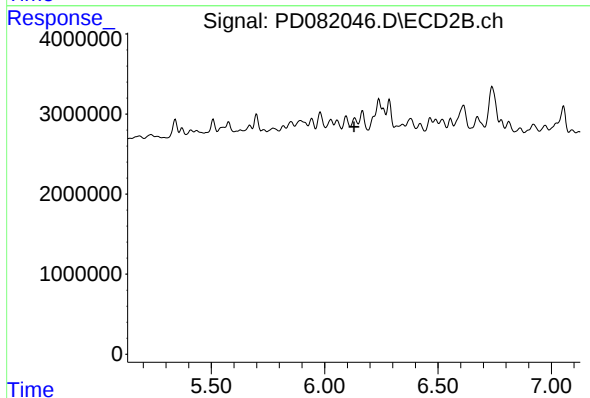
R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 1338428  
Conc: 0.52 ng/ml



#18 Endrin aldehyde

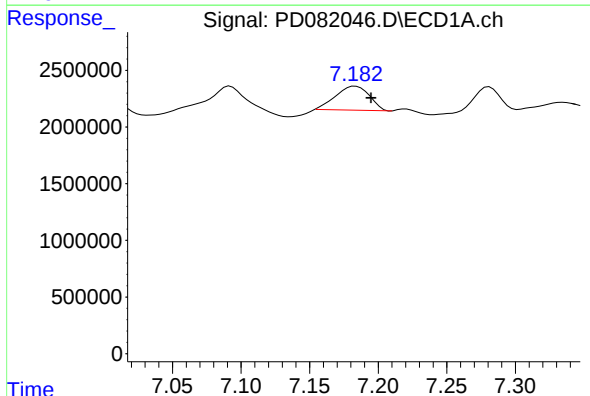
R.T.: 7.010 min  
Delta R.T.: 0.051 min  
Response: 1432823  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



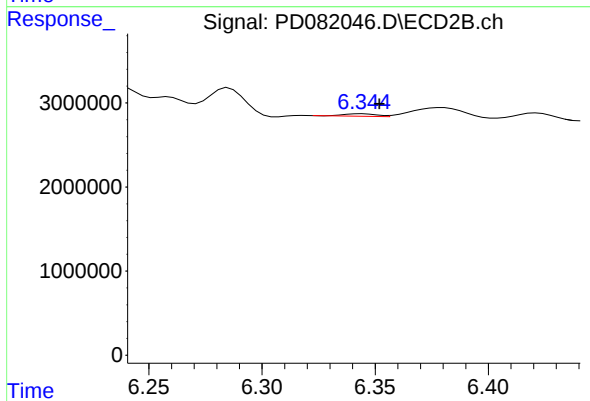
#18 Endrin aldehyde

R.T.: 6.133 min  
Delta R.T.: 0.003 min  
Response: -179162  
Conc: N.D.



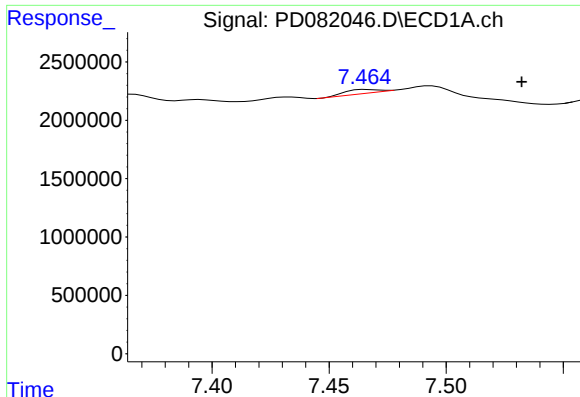
#19 Endosulfan Sulfate

R.T.: 7.183 min  
Delta R.T.: -0.011 min  
Response: 3626807  
Conc: 1.98 ng/ml



#19 Endosulfan Sulfate

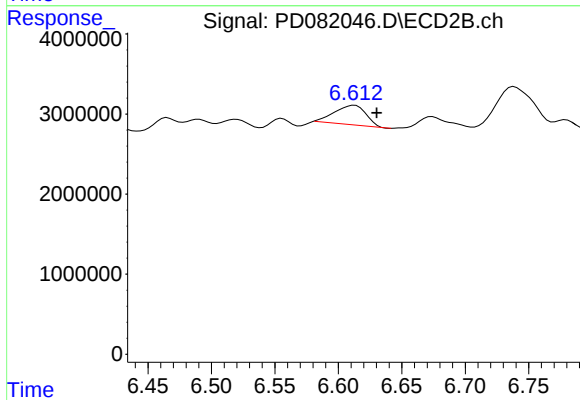
R.T.: 6.344 min  
Delta R.T.: -0.008 min  
Response: 305265  
Conc: 0.11 ng/ml



#20 Methoxychlor

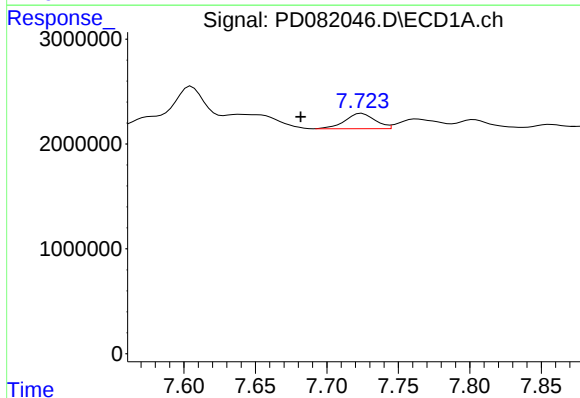
R.T.: 7.466 min  
Delta R.T.: -0.066 min  
Response: 435664  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



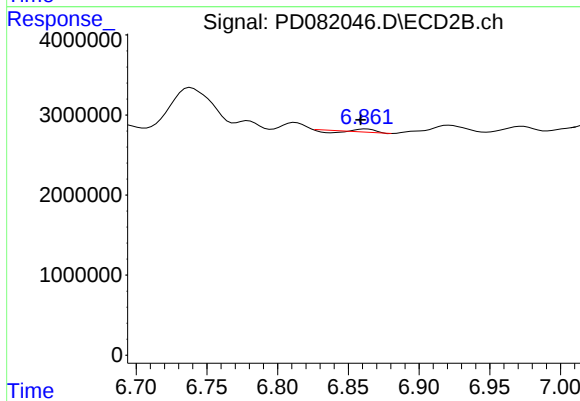
#20 Methoxychlor

R.T.: 6.613 min  
Delta R.T.: -0.017 min  
Response: 4200865  
Conc: 3.14 ng/ml



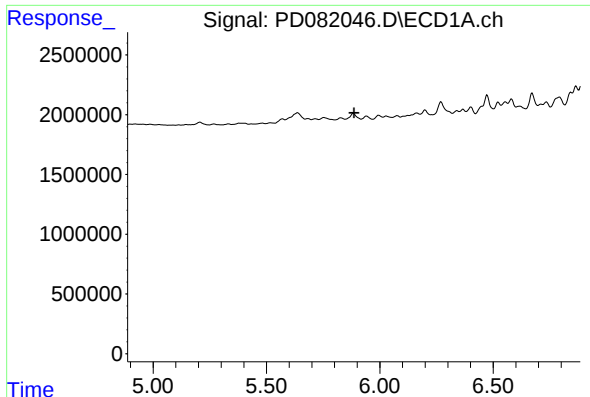
#21 Endrin ketone

R.T.: 7.724 min  
Delta R.T.: 0.043 min  
Response: 2123982  
Conc: 1.10 ng/ml



#21 Endrin ketone

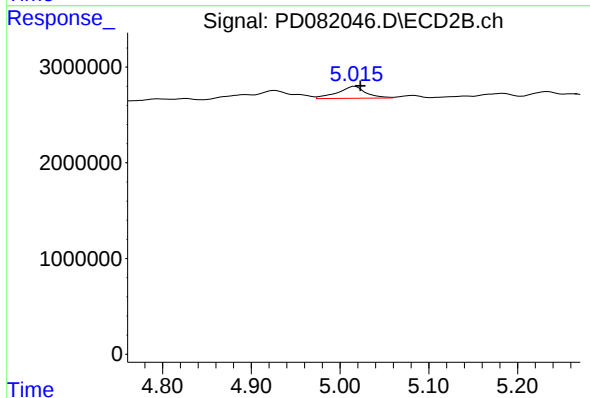
R.T.: 6.863 min  
Delta R.T.: 0.004 min  
Response: 91760  
Conc: N.D.



#22 Toxaphene-1

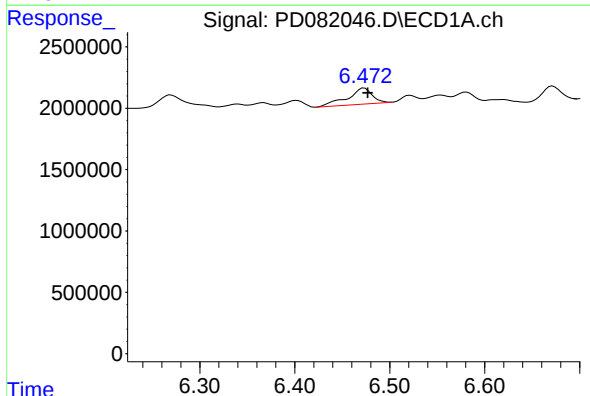
R.T.: 0.000 min  
Exp R.T.: 5.886 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



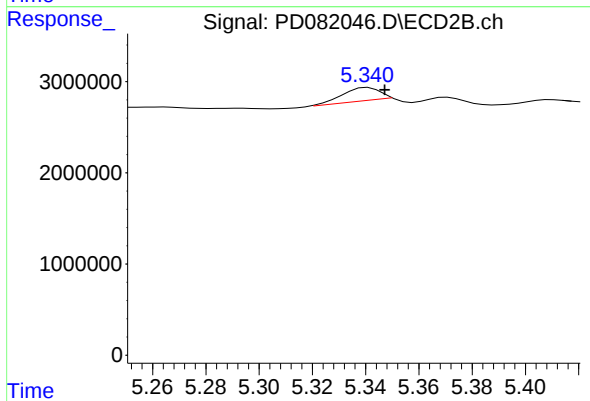
#22 Toxaphene-1

R.T.: 5.017 min  
Delta R.T.: -0.006 min  
Response: 2759956  
Conc: 168.58 ng/ml



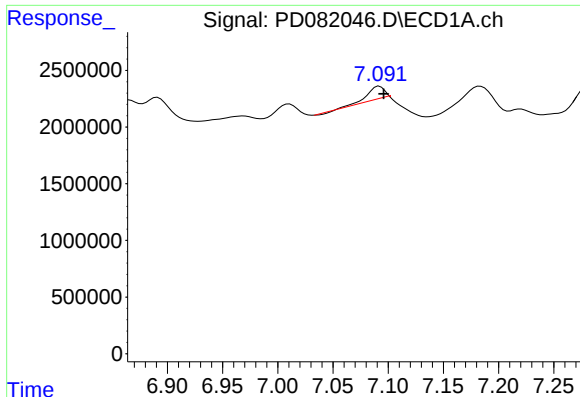
#23 Toxaphene-2

R.T.: 6.473 min  
Delta R.T.: -0.004 min  
Response: 2375253  
Conc: 125.29 ng/ml



#23 Toxaphene-2

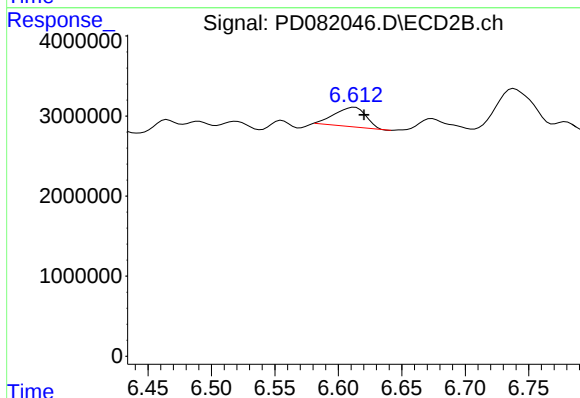
R.T.: 5.341 min  
Delta R.T.: -0.006 min  
Response: 1507111  
Conc: 88.43 ng/ml



#24 Toxaphene-3

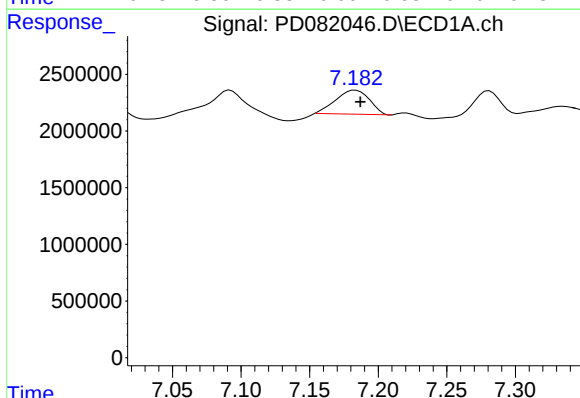
R.T.: 7.092 min  
Delta R.T.: -0.004 min  
Response: 1182593  
Conc: 22.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



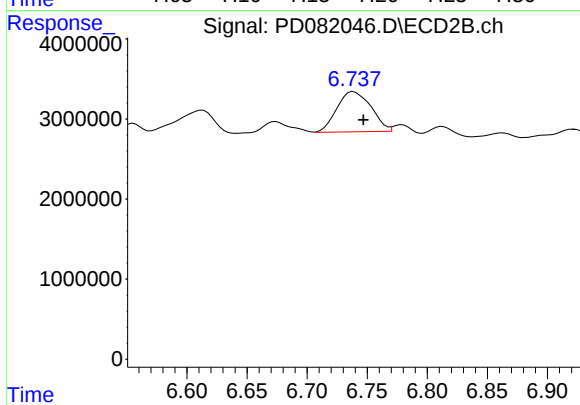
#24 Toxaphene-3

R.T.: 6.613 min  
Delta R.T.: -0.007 min  
Response: 4200865  
Conc: 71.77 ng/ml



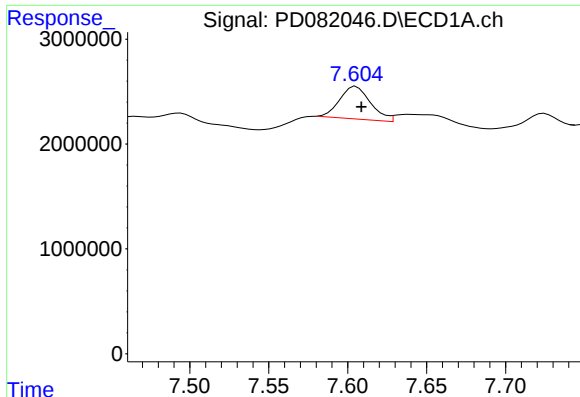
#25 Toxaphene-4

R.T.: 7.183 min  
Delta R.T.: -0.004 min  
Response: 3626807  
Conc: 91.68 ng/ml



#25 Toxaphene-4

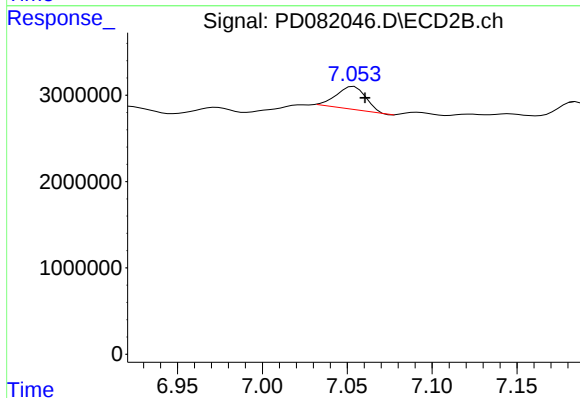
R.T.: 6.739 min  
Delta R.T.: -0.008 min  
Response: 9942245  
Conc: 124.94 ng/ml



#26 Toxaphene-5

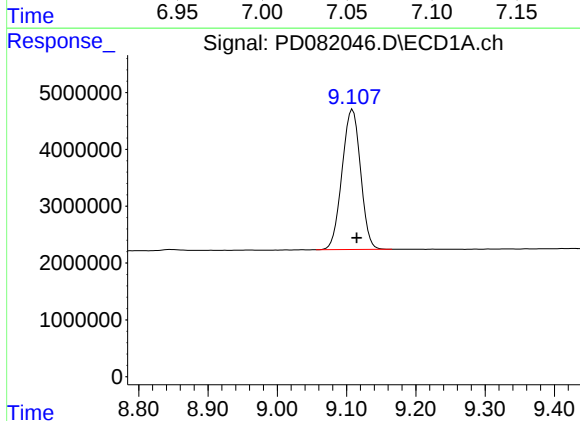
R.T.: 7.605 min  
Delta R.T.: -0.003 min  
Response: 4247266  
Conc: 143.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MDL-SOIL-QT1-2024-02



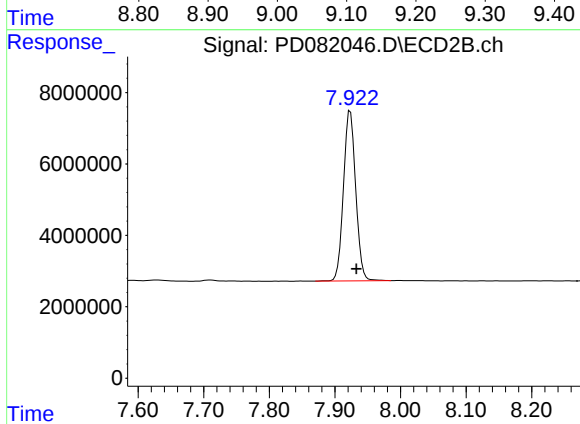
#26 Toxaphene-5

R.T.: 7.054 min  
Delta R.T.: -0.007 min  
Response: 3171242  
Conc: 97.80 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: -0.006 min  
Response: 45727896  
Conc: 23.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.009 min  
Response: 61899703  
Conc: 24.95 ng/ml