

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031124\  
 Data File : PL088488.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2024 12:27  
 Operator : AR\AJ  
 Sample : P1601-02  
 Misc : TOX MDL 100PPB WATER  
 ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 00:32:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030824CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 08 16:13:19 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 x 0.50µm

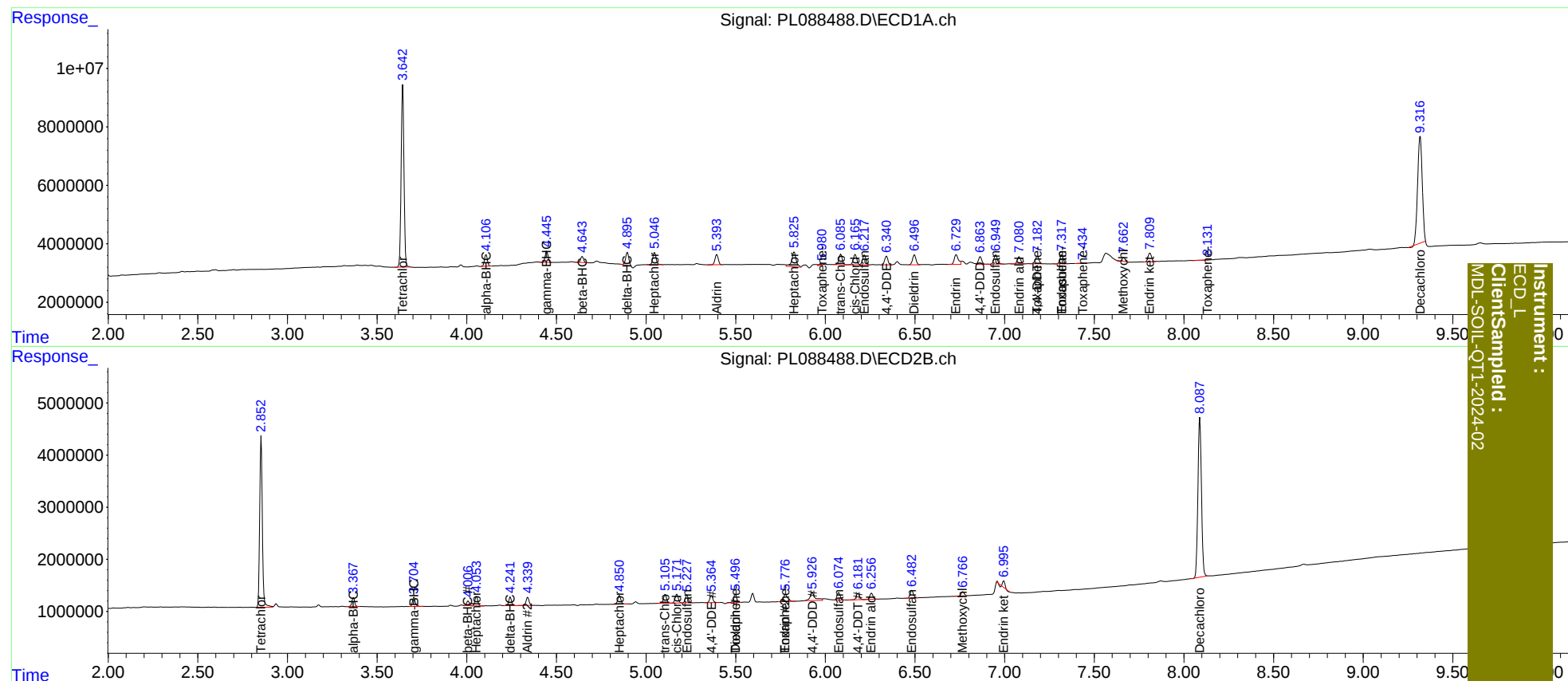
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.643  | 2.853  | 67837356 | 33858901 | 22.786 | 22.075    |
| 27)                         | SA Decachlor... | 9.318  | 8.089  | 66141321 | 42143096 | 26.818 | 29.050    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.108  | 3.368  | 4501061  | 1811610  | 1.033  | 0.829     |
| 3)                          | MA gamma-BHC... | 4.446  | 3.705  | 4192220  | 1918459  | 1.007  | 0.922     |
| 4)                          | MA Heptachlor   | 5.047  | 4.054  | 5399965  | 2034650  | 1.269  | 0.994     |
| 5)                          | MB Aldrin       | 5.395  | 4.340  | 4468800  | 1783986  | 1.221  | 0.968     |
| 6)                          | B beta-BHC      | 4.644  | 4.008  | 2341407  | 869492   | 1.243  | 0.901 #   |
| 7)                          | B delta-BHC     | 4.896  | 4.243  | 5518232  | 1695419  | 1.323  | 0.834 #   |
| 8)                          | B Heptachlo...  | 5.826  | 4.851  | 8688146  | 1975955  | 2.338  | 1.115 #   |
| 9)                          | A Endosulfan I  | 6.218  | 5.228  | 4378471  | 1722123  | 1.304  | 1.023     |
| 10)                         | B trans-Chl...  | 6.086  | 5.107  | 4663683  | 2016478  | 1.362  | 1.156     |
| 11)                         | B cis-Chlor...  | 6.167  | 5.172  | 4864625  | 2067414  | 1.393  | 1.153     |
| 12)                         | B 4,4'-DDE      | 6.341  | 5.365  | 3707812  | 1591482  | 1.179  | 0.968     |
| 13)                         | MA Dieldrin     | 6.497  | 5.498  | 4580411  | 2079444  | 1.284  | 1.107     |
| 14)                         | MA Endrin       | 6.730  | 5.778  | 5264202  | 2139831  | 1.779  | 1.302 #   |
| 15)                         | B Endosulfa...  | 6.951  | 6.075  | 4233132  | 1790382  | 1.440  | 1.135     |
| 16)                         | A 4,4'-DDD      | 6.864  | 5.928  | 3357993  | 3000859  | 1.249  | 2.124 #   |
| 17)                         | MA 4,4'-DDT     | 7.183  | 6.183  | 3716803  | 1544800  | 1.293  | 0.981     |
| 18)                         | B Endrin al...  | 7.081  | 6.258  | 3124875  | 1466480  | 1.426  | 1.258     |
| 19)                         | B Endosulfa...  | 7.318  | 6.483  | 3877395  | 1781300  | 1.359  | 1.173     |
| 20)                         | A Methoxychlor  | 7.664  | 6.767  | 1334088  | 998393   | 0.856  | 1.158 #   |
| 21)                         | B Endrin ke...  | 7.811  | 6.995  | 4072824  | 684252   | 1.361  | 0.395 #   |
| 22)                         | Toxaphene-1     | 5.980  | 5.498f | 392015   | 2079444  | 35.608 | 214.856 # |
| 23)                         | Toxaphene-2     | 7.183  | 5.778f | 3716803  | 2139831  | 42.038 | 194.335 # |
| 24)                         | Toxaphene-3     | 7.318  | 0.000  | 3877395  | 0        | 60.261 | N.D. #    |
| 25)                         | Toxaphene-4     | 7.435f | 0.000  | 45598    | 0        | 1.247  | N.D. #    |
| 26)                         | Toxaphene-5     | 8.133f | 0.000  | 103556   | 0        | 2.216  | N.D. #    |
| -----                       |                 |        |        |          |          |        |           |

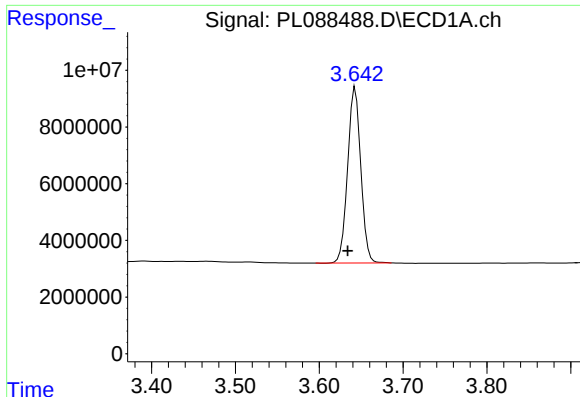
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031124\  
Data File : PL088488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2024 12:27  
Operator : AR\AJ  
Sample : P1601-02  
Misc : TOX MDL 100PPB WATER  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 00:32:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030824CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 08 16:13:19 2024  
Response via : Initial Calibration  
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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 x 0.50µm

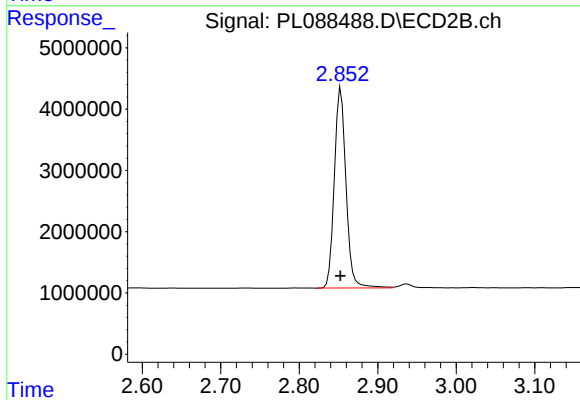




#1 Tetrachloro-m-xylene

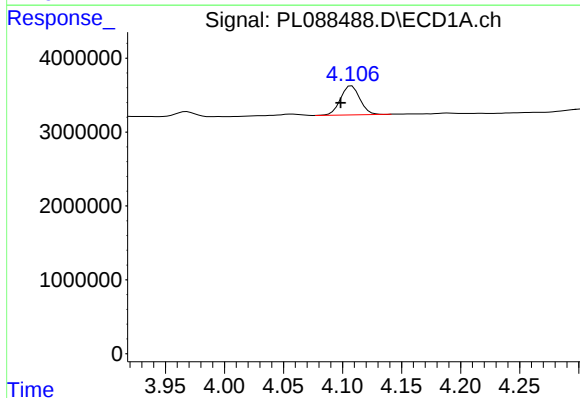
R.T.: 3.643 min  
Delta R.T.: 0.009 min  
Response: 67837356  
Conc: 22.79 ng/ml

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



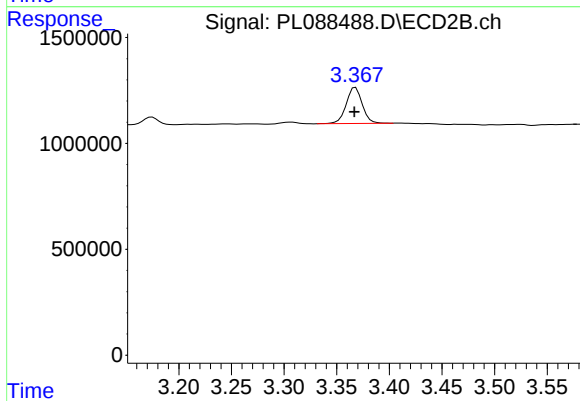
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 33858901  
Conc: 22.07 ng/ml



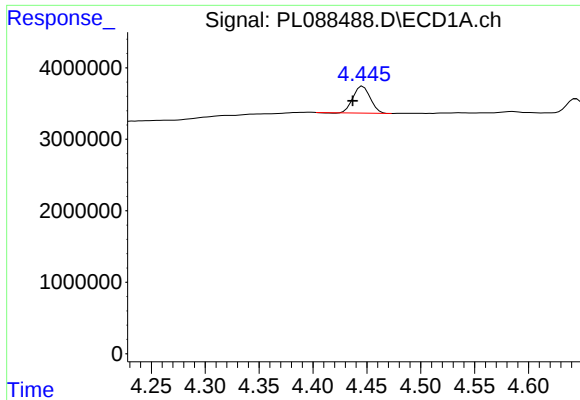
#2 alpha-BHC

R.T.: 4.108 min  
Delta R.T.: 0.009 min  
Response: 4501061  
Conc: 1.03 ng/ml



#2 alpha-BHC

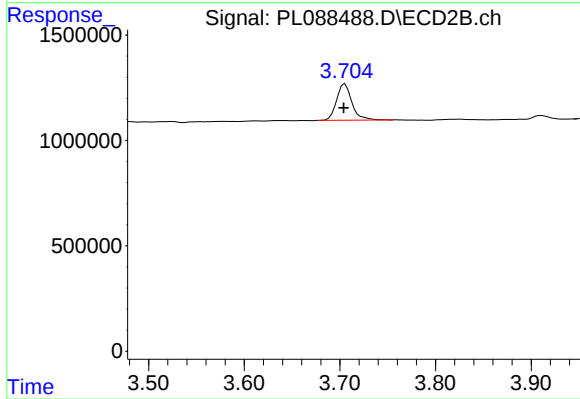
R.T.: 3.368 min  
Delta R.T.: 0.001 min  
Response: 1811610  
Conc: 0.83 ng/ml



#3 gamma-BHC (Lindane)

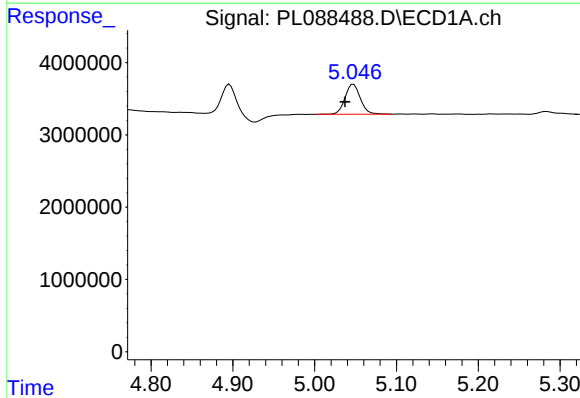
R.T.: 4.446 min  
Delta R.T.: 0.009 min  
Response: 4192220  
Conc: 1.01 ng/ml

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



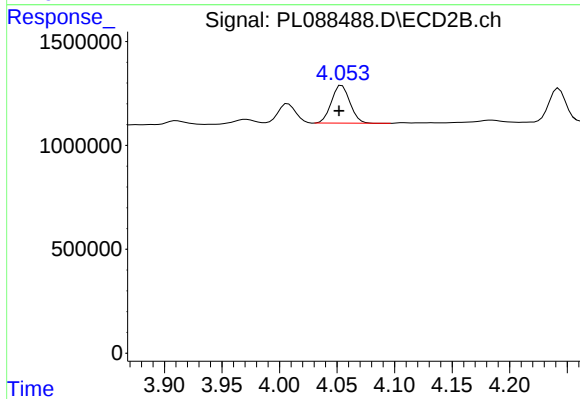
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.001 min  
Response: 1918459  
Conc: 0.92 ng/ml



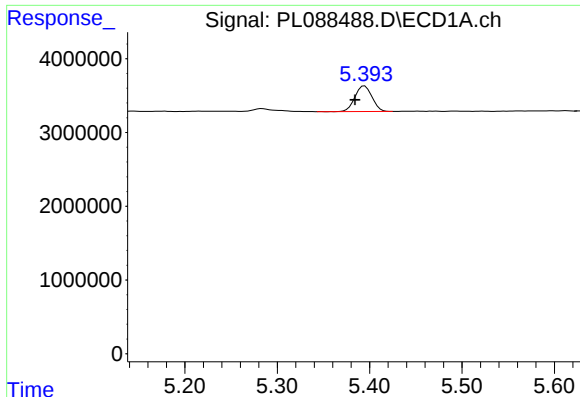
#4 Heptachlor

R.T.: 5.047 min  
Delta R.T.: 0.010 min  
Response: 5399965  
Conc: 1.27 ng/ml



#4 Heptachlor

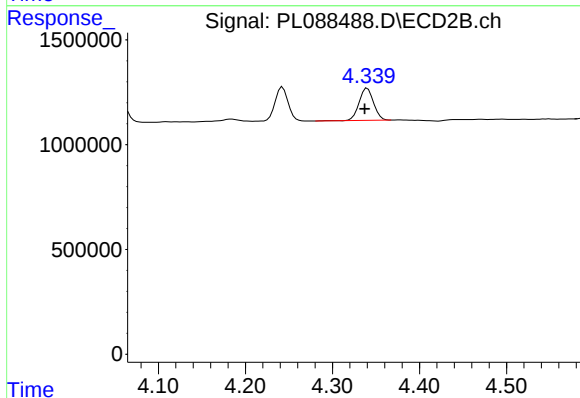
R.T.: 4.054 min  
Delta R.T.: 0.002 min  
Response: 2034650  
Conc: 0.99 ng/ml



#5 Aldrin

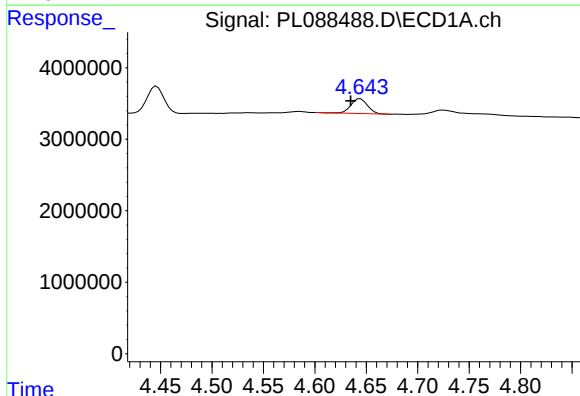
R.T.: 5.395 min  
Delta R.T.: 0.011 min  
Response: 4468800  
Conc: 1.22 ng/ml

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



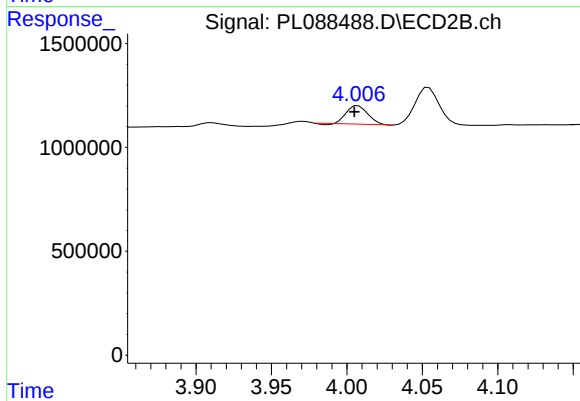
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.003 min  
Response: 1783986  
Conc: 0.97 ng/ml



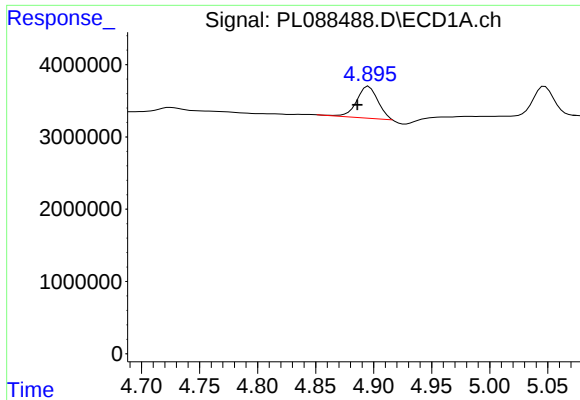
#6 beta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.009 min  
Response: 2341407  
Conc: 1.24 ng/ml



#6 beta-BHC

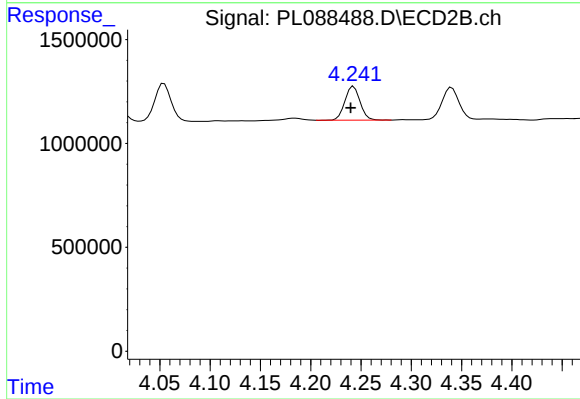
R.T.: 4.008 min  
Delta R.T.: 0.002 min  
Response: 869492  
Conc: 0.90 ng/ml



#7 delta-BHC

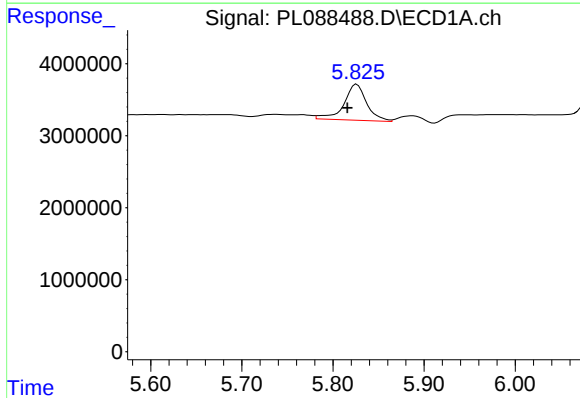
R.T.: 4.896 min  
Delta R.T.: 0.010 min  
Response: 5518232  
Conc: 1.32 ng/ml

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



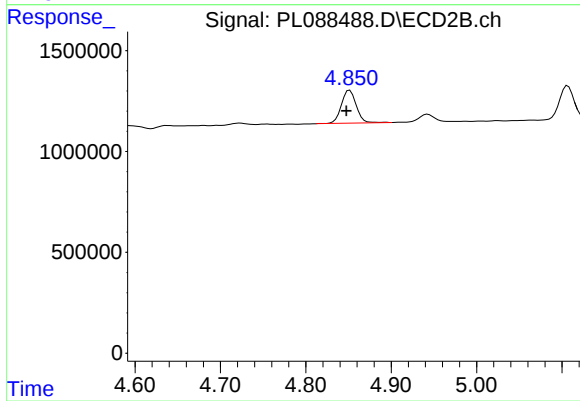
#7 delta-BHC

R.T.: 4.243 min  
Delta R.T.: 0.003 min  
Response: 1695419  
Conc: 0.83 ng/ml



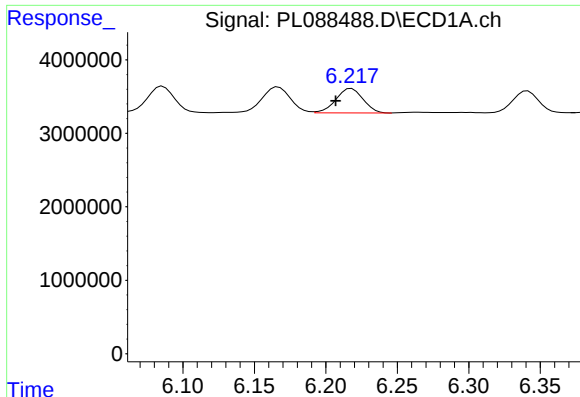
#8 Heptachlor epoxide

R.T.: 5.826 min  
Delta R.T.: 0.010 min  
Response: 8688146  
Conc: 2.34 ng/ml



#8 Heptachlor epoxide

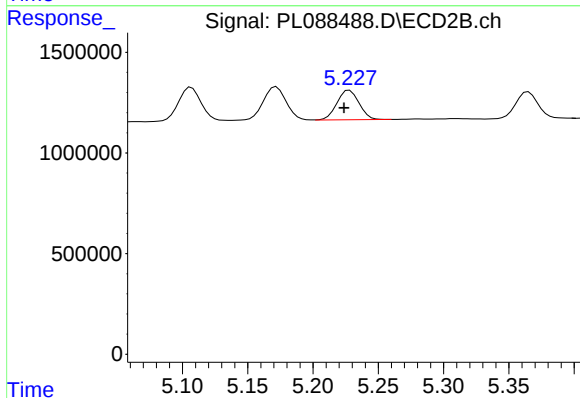
R.T.: 4.851 min  
Delta R.T.: 0.004 min  
Response: 1975955  
Conc: 1.11 ng/ml



#9 Endosulfan I

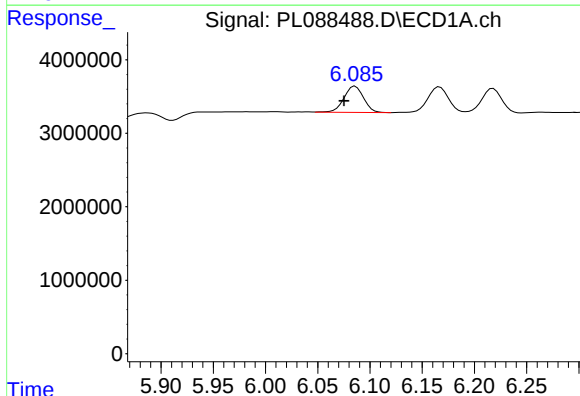
R.T.: 6.218 min  
Delta R.T.: 0.011 min  
Response: 4378471  
Conc: 1.30 ng/ml

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



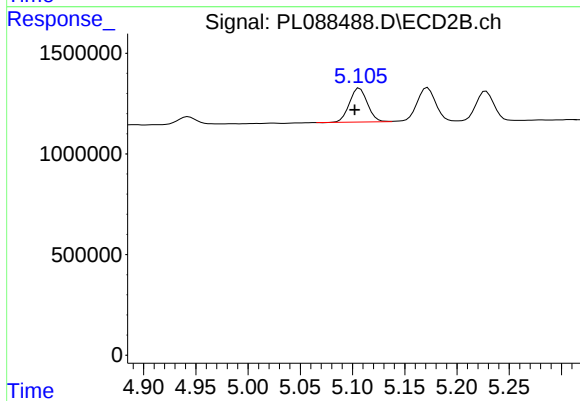
#9 Endosulfan I

R.T.: 5.228 min  
Delta R.T.: 0.004 min  
Response: 1722123  
Conc: 1.02 ng/ml



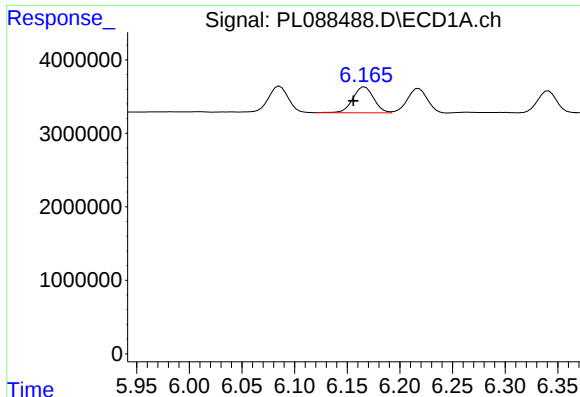
#10 trans-Chlordane

R.T.: 6.086 min  
Delta R.T.: 0.011 min  
Response: 4663683  
Conc: 1.36 ng/ml



#10 trans-Chlordane

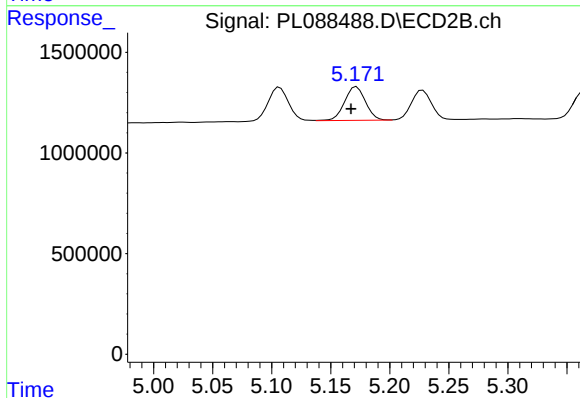
R.T.: 5.107 min  
Delta R.T.: 0.005 min  
Response: 2016478  
Conc: 1.16 ng/ml



#11 cis-Chlordane

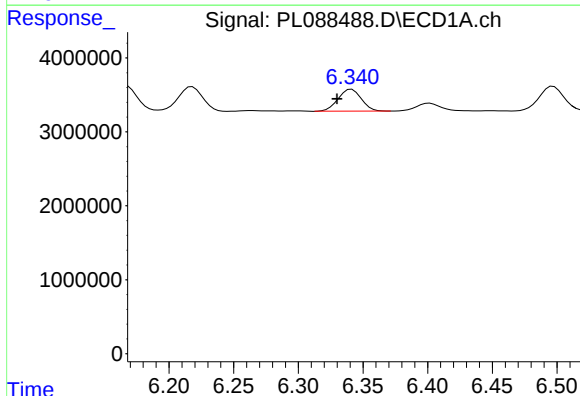
R.T.: 6.167 min  
Delta R.T.: 0.011 min  
Response: 4864625  
Conc: 1.39 ng/ml

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



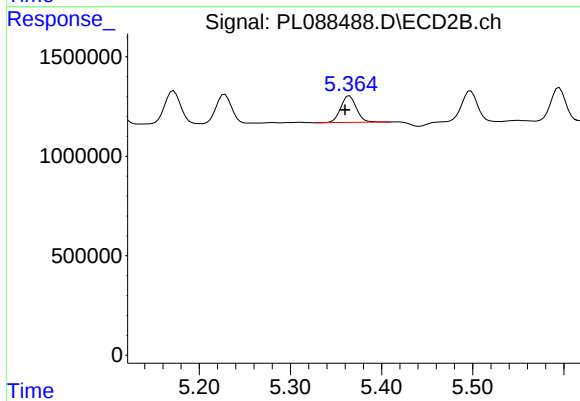
#11 cis-Chlordane

R.T.: 5.172 min  
Delta R.T.: 0.005 min  
Response: 2067414  
Conc: 1.15 ng/ml



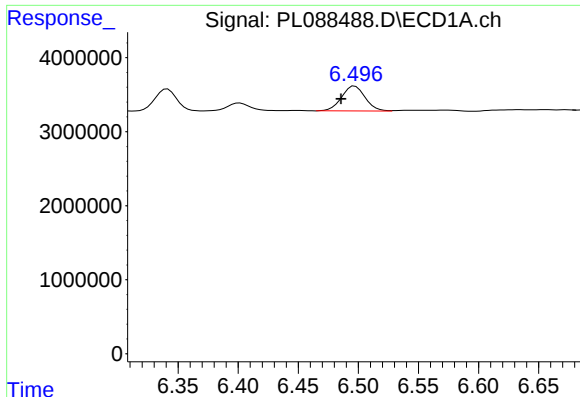
#12 4,4'-DDE

R.T.: 6.341 min  
Delta R.T.: 0.011 min  
Response: 3707812  
Conc: 1.18 ng/ml



#12 4,4'-DDE

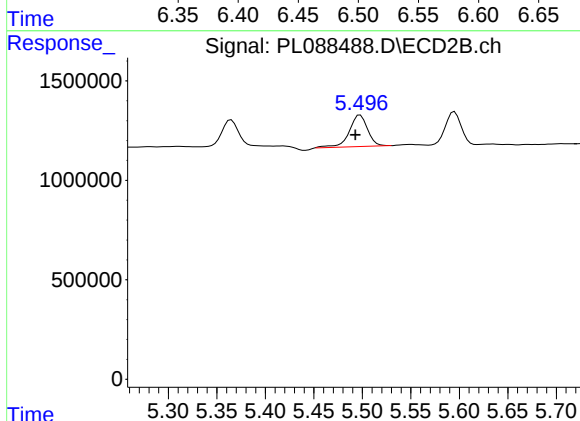
R.T.: 5.365 min  
Delta R.T.: 0.005 min  
Response: 1591482  
Conc: 0.97 ng/ml



#13 Dieldrin

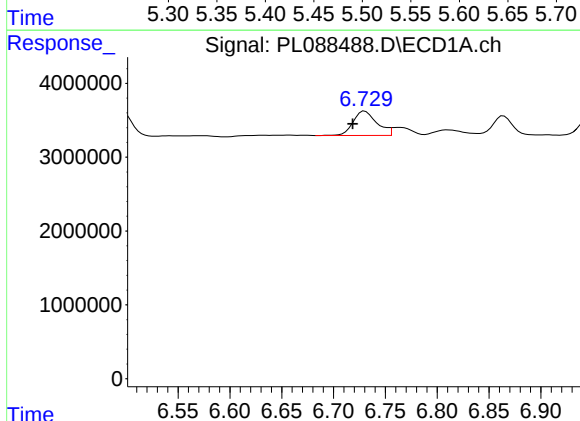
R.T.: 6.497 min  
Delta R.T.: 0.012 min  
Response: 4580411  
Conc: 1.28 ng/ml

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



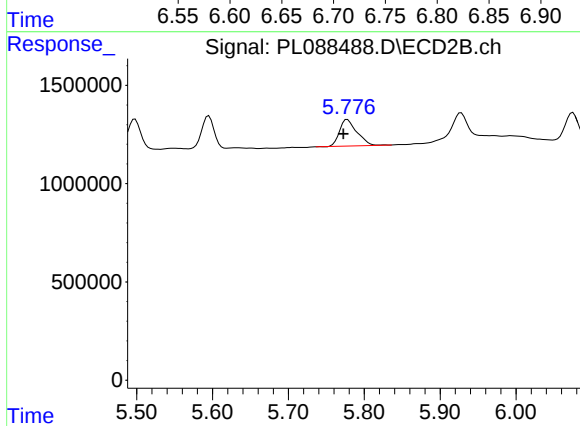
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: 0.005 min  
Response: 2079444  
Conc: 1.11 ng/ml



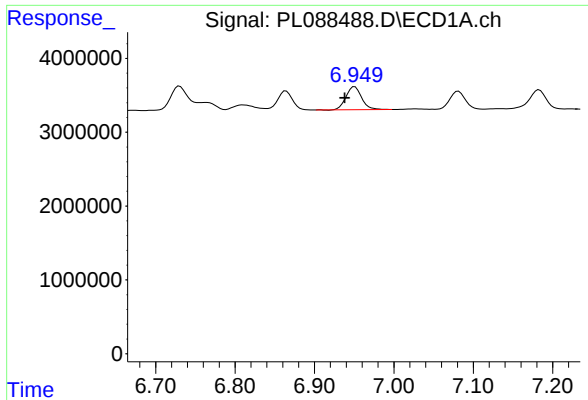
#14 Endrin

R.T.: 6.730 min  
Delta R.T.: 0.012 min  
Response: 5264202  
Conc: 1.78 ng/ml



#14 Endrin

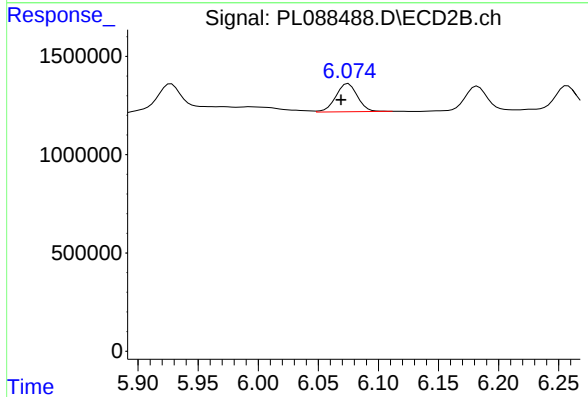
R.T.: 5.778 min  
Delta R.T.: 0.005 min  
Response: 2139831  
Conc: 1.30 ng/ml



#15 Endosulfan II

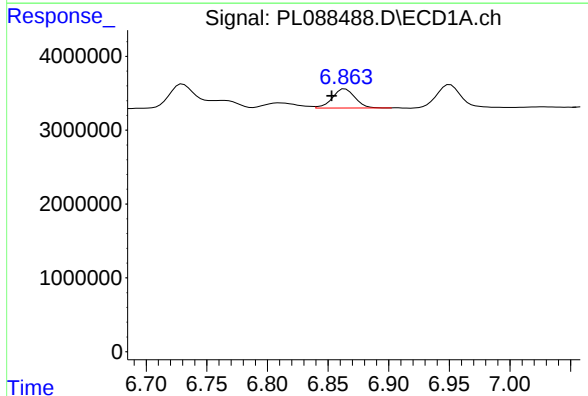
R.T.: 6.951 min  
Delta R.T.: 0.013 min  
Response: 4233132  
Conc: 1.44 ng/ml

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



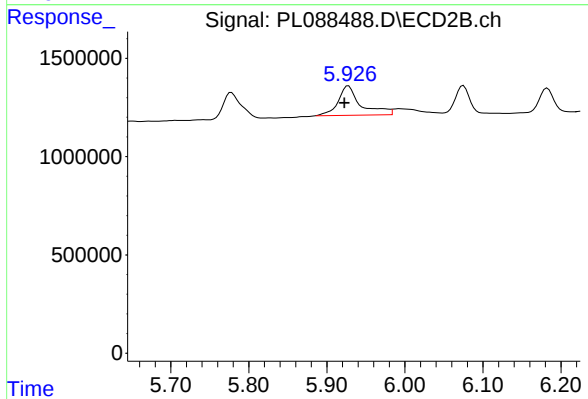
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: 0.006 min  
Response: 1790382  
Conc: 1.14 ng/ml



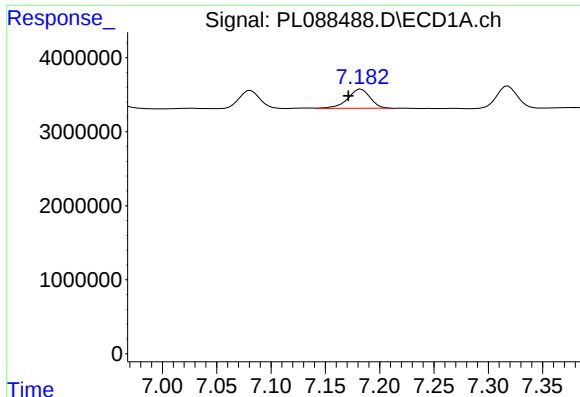
#16 4,4'-DDD

R.T.: 6.864 min  
Delta R.T.: 0.011 min  
Response: 3357993  
Conc: 1.25 ng/ml



#16 4,4'-DDD

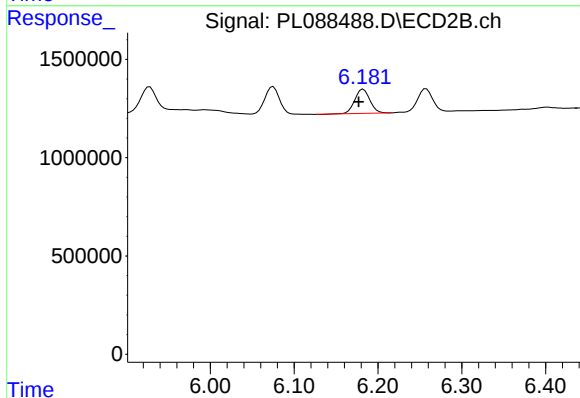
R.T.: 5.928 min  
Delta R.T.: 0.005 min  
Response: 3000859  
Conc: 2.12 ng/ml



#17 4,4'-DDT

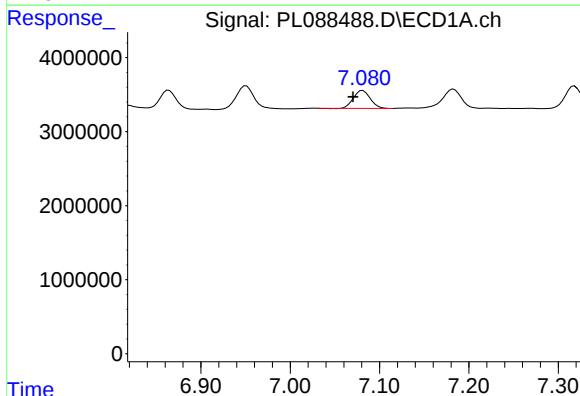
R.T.: 7.183 min  
Delta R.T.: 0.012 min  
Response: 3716803  
Conc: 1.29 ng/ml

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



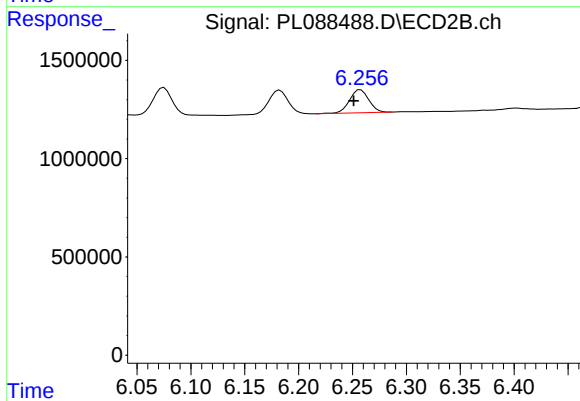
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: 0.006 min  
Response: 1544800  
Conc: 0.98 ng/ml



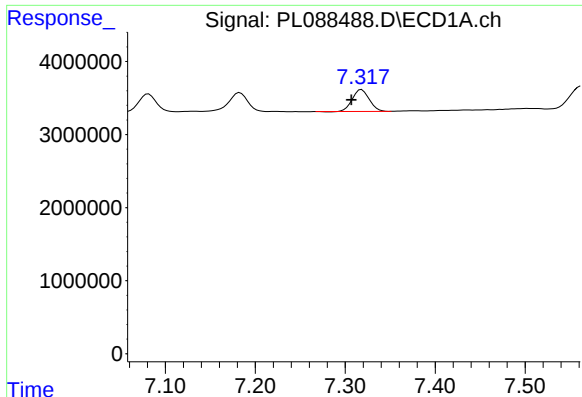
#18 Endrin aldehyde

R.T.: 7.081 min  
Delta R.T.: 0.011 min  
Response: 3124875  
Conc: 1.43 ng/ml



#18 Endrin aldehyde

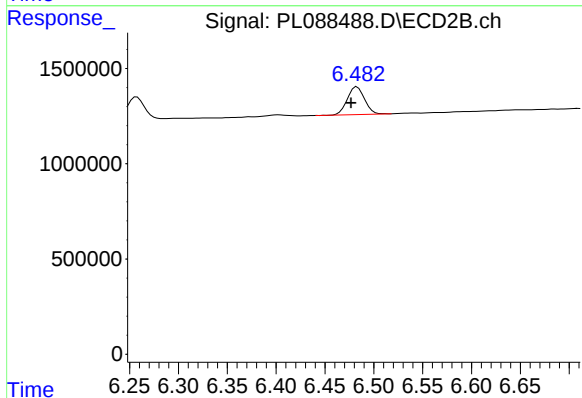
R.T.: 6.258 min  
Delta R.T.: 0.006 min  
Response: 1466480  
Conc: 1.26 ng/ml



#19 Endosulfan Sulfate

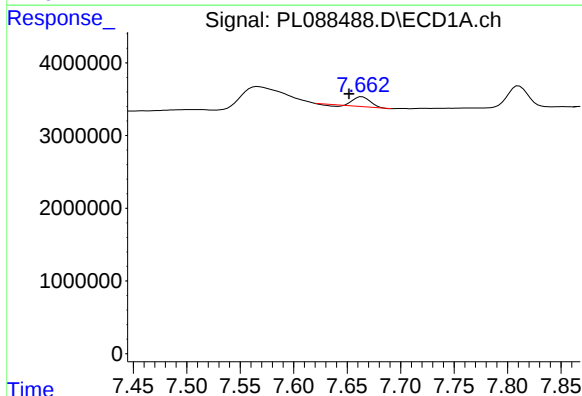
R.T.: 7.318 min  
Delta R.T.: 0.012 min  
Response: 3877395  
Conc: 1.36 ng/ml

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



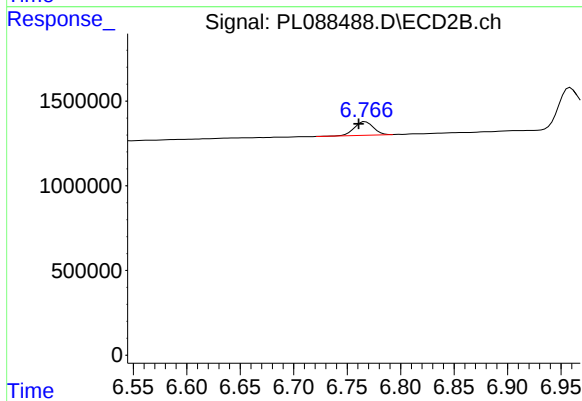
#19 Endosulfan Sulfate

R.T.: 6.483 min  
Delta R.T.: 0.006 min  
Response: 1781300  
Conc: 1.17 ng/ml



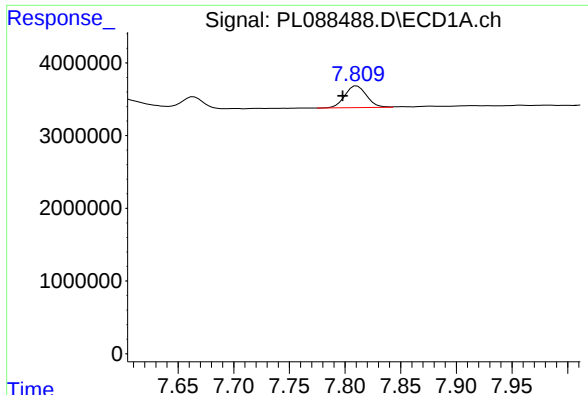
#20 Methoxychlor

R.T.: 7.664 min  
Delta R.T.: 0.012 min  
Response: 1334088  
Conc: 0.86 ng/ml



#20 Methoxychlor

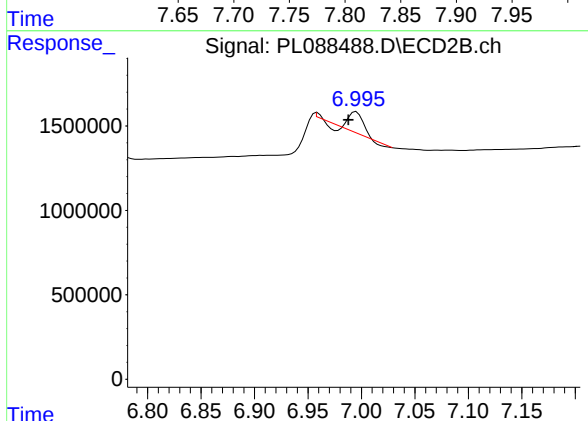
R.T.: 6.767 min  
Delta R.T.: 0.006 min  
Response: 998393  
Conc: 1.16 ng/ml



#21 Endrin ketone

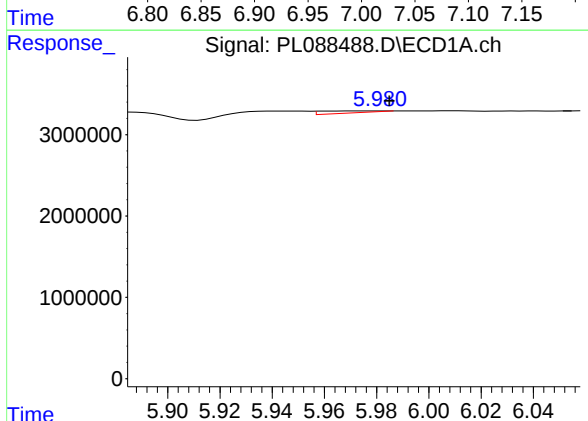
R.T.: 7.811 min  
Delta R.T.: 0.013 min  
Response: 4072824  
Conc: 1.36 ng/ml

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



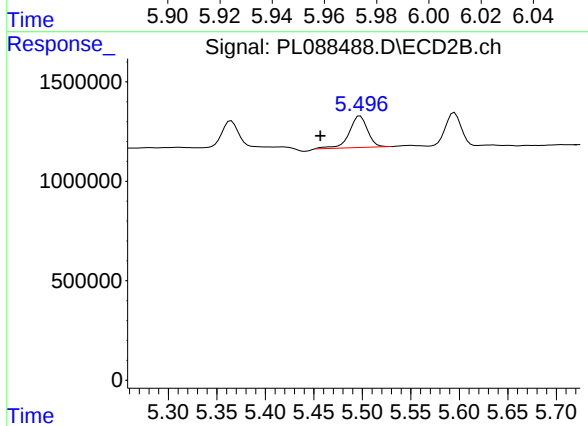
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: 0.007 min  
Response: 684252  
Conc: 0.40 ng/ml



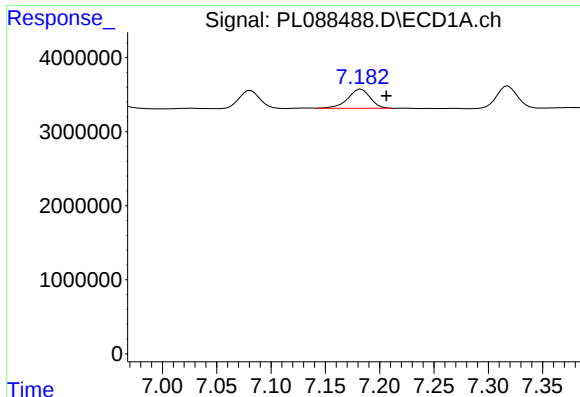
#22 Toxaphene-1

R.T.: 5.980 min  
Delta R.T.: -0.005 min  
Response: 392015  
Conc: 35.61 ng/ml



#22 Toxaphene-1

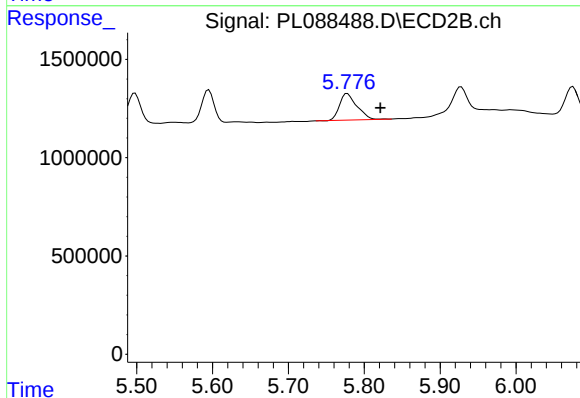
R.T.: 5.498 min  
Delta R.T.: 0.041 min  
Response: 2079444  
Conc: 214.86 ng/ml



#23 Toxaphene-2

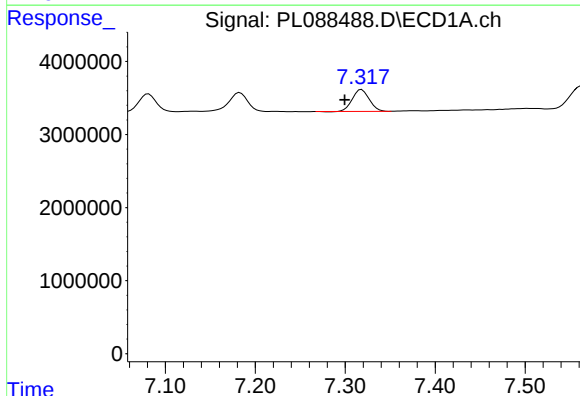
R.T.: 7.183 min  
Delta R.T.: -0.023 min  
Response: 3716803  
Conc: 42.04 ng/ml

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



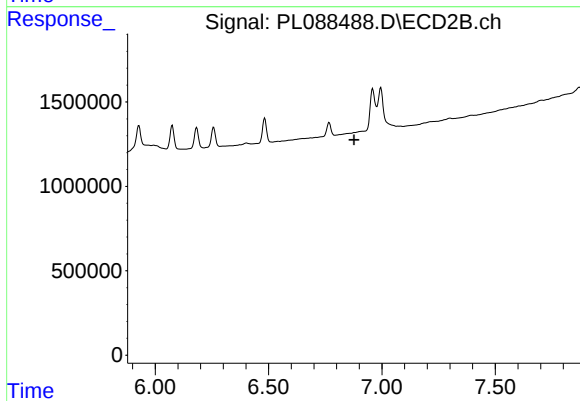
#23 Toxaphene-2

R.T.: 5.778 min  
Delta R.T.: -0.043 min  
Response: 2139831  
Conc: 194.33 ng/ml



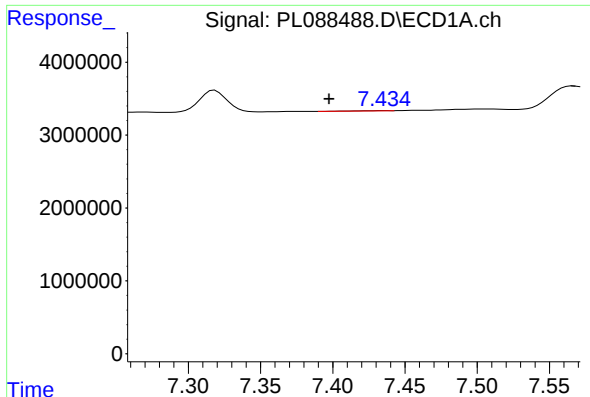
#24 Toxaphene-3

R.T.: 7.318 min  
Delta R.T.: 0.019 min  
Response: 3877395  
Conc: 60.26 ng/ml



#24 Toxaphene-3

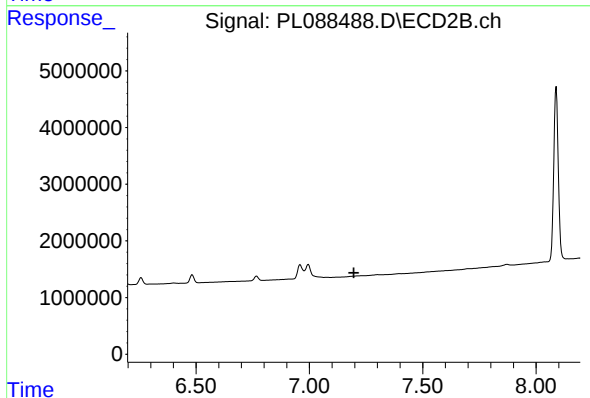
R.T.: 0.000 min  
Exp R.T.: 6.877 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

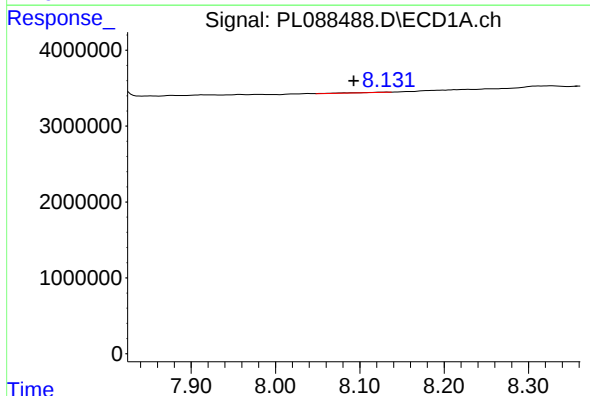
R.T.: 7.435 min  
Delta R.T.: 0.038 min  
Response: 45598  
Conc: 1.25 ng/ml

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



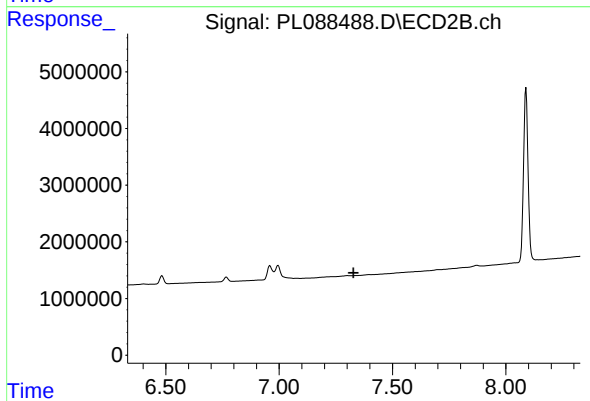
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.195 min  
Response: 0  
Conc: N.D.



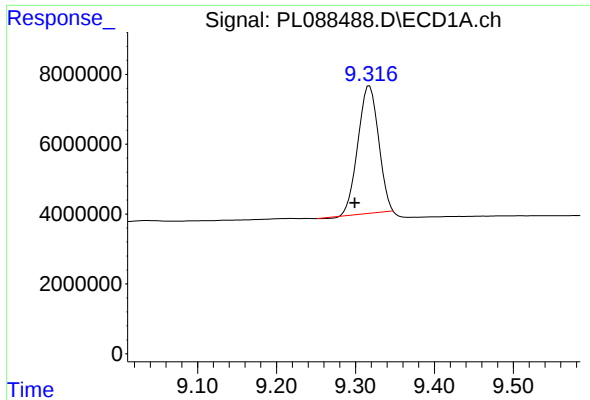
#26 Toxaphene-5

R.T.: 8.133 min  
Delta R.T.: 0.040 min  
Response: 103556  
Conc: 2.22 ng/ml



#26 Toxaphene-5

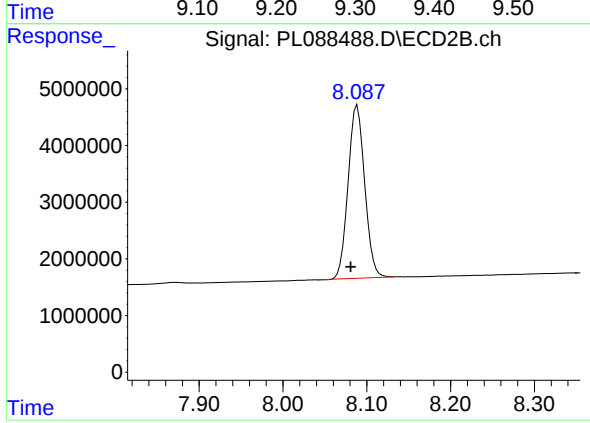
R.T.: 0.000 min  
Exp R.T. : 7.328 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.318 min  
Delta R.T.: 0.019 min  
Response: 66141321  
Conc: 26.82 ng/ml

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



#27 Decachlorobiphenyl

R.T.: 8.089 min  
Delta R.T.: 0.008 min  
Response: 42143096  
Conc: 29.05 ng/ml