

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012424\  
 Data File : PD080869.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2024 01:04  
 Operator : AR\AJ  
 Sample : P1187-01  
 Misc : TOX LOD 50PPB  
 ALS Vial : 39 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 04:11:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 24 20:16:38 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... | 3.566  | 2.796  | 32444388 | 58009147 | 22.855 | 24.250  |
| 28)                         | SA Decachlor... | 9.110  | 7.935  | 48435439 | 65657396 | 24.068 | 24.650  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.010  | 3.286  | 185406   | 169781   | 0.075  | 0.044 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.645f | 0        | 232388   | N.D.   | 0.062 # |
| 4)                          | MA Heptachlor   | 4.949  | 3.968  | 6876679  | 8035221  | 2.788  | 2.330   |
| 5)                          | MB Aldrin       | 5.263f | 4.266f | 5033853  | 856100   | 2.051  | 0.235 # |
| 7)                          | B delta-BHC     | 4.792  | 4.152  | 635214   | 739324   | 0.253  | 0.197   |
| 8)                          | B Heptachlo...  | 5.701f | 0.000  | 3947297  | 0        | 1.763  | N.D. #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.108  | 0        | 1712503  | N.D.   | 0.559 # |
| 10)                         | B gamma-Chl...  | 5.975  | 5.000  | 16996631 | 17552852 | 7.764  | 5.366 # |
| 11)                         | B alpha-Chl...  | 6.058  | 5.064  | 21002845 | 16889013 | 9.646  | 5.166 # |
| 12)                         | B 4,4'-DDE      | 6.211  | 0.000  | 234833   | 0        | 0.115  | N.D. #  |
| 13)                         | MA Dieldrin     | 6.385  | 5.365f | 1136184  | 213348   | 0.514  | 0.063 # |
| 14)                         | MA Endrin       | 6.636f | 5.665  | 39983    | 1711431  | 0.021  | 0.578 # |
| 15)                         | B Endosulfa...  | 6.845f | 5.958  | 153146   | 6394059  | 0.079  | 2.223 # |
| 16)                         | A 4,4'-DDD      | 6.761f | 5.789f | 980078   | 134711   | 0.596  | 0.051 # |
| 18)                         | B Endrin al...  | 6.958  | 0.000  | 292360   | 0        | 0.192  | N.D. #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.360  | 0        | 184131   | N.D.   | 0.066 # |
| 22)                         | Mirex           | 8.183f | 0.000  | 147888   | 0        | 0.090  | N.D. #  |
| 23)                         | Chlordane-1     | 4.733  | 3.795  | 4321780  | 5367324  | 55.973 | 52.779  |
| 24)                         | Chlordane-2     | 5.263  | 4.371  | 5033853  | 7002905  | 60.809 | 57.133  |
| 25)                         | Chlordane-3     | 5.975  | 5.000  | 16996631 | 17552852 | 53.822 | 52.300  |
| 26)                         | Chlordane-4     | 6.058  | 5.064  | 21002845 | 16889013 | 55.162 | 53.161  |
| 27)                         | Chlordane-5     | 6.909  | 5.958  | 4133886  | 6394059  | 59.216 | 52.738  |
| -----                       |                 |        |        |          |          |        |         |

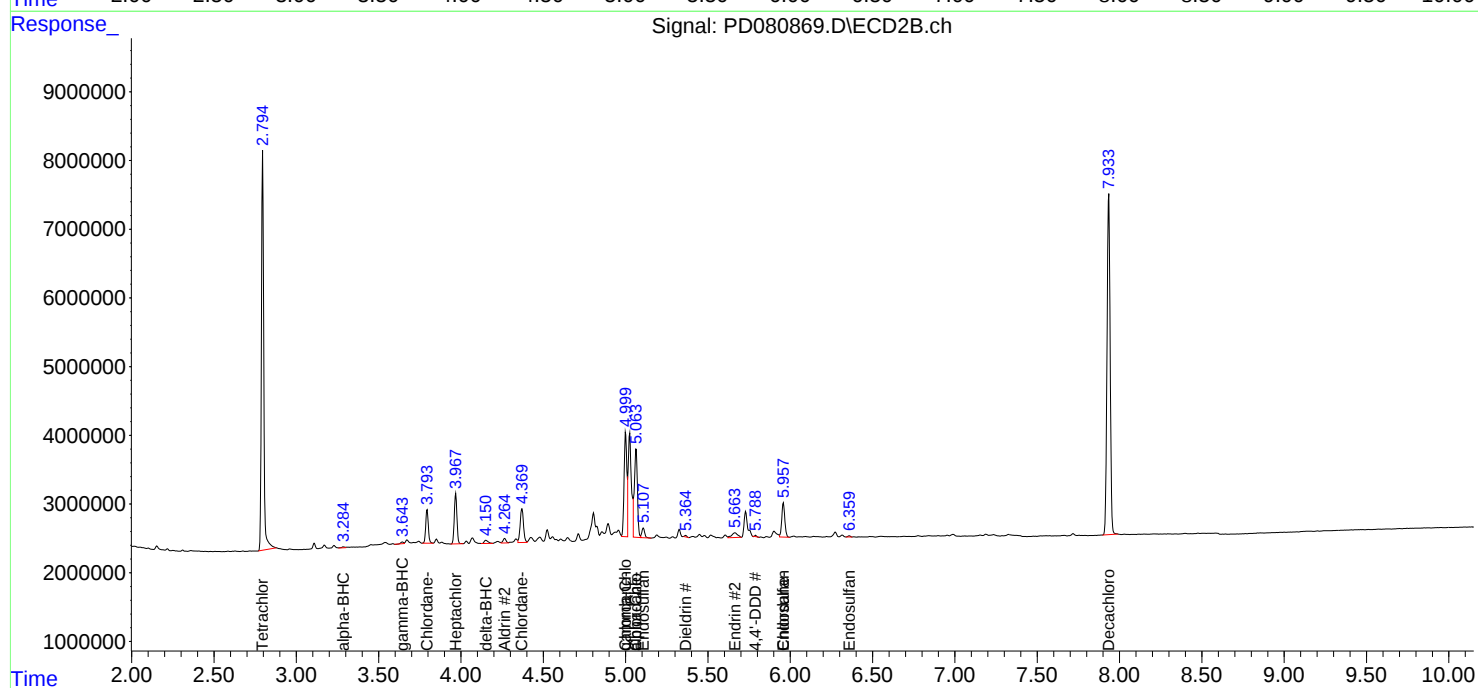
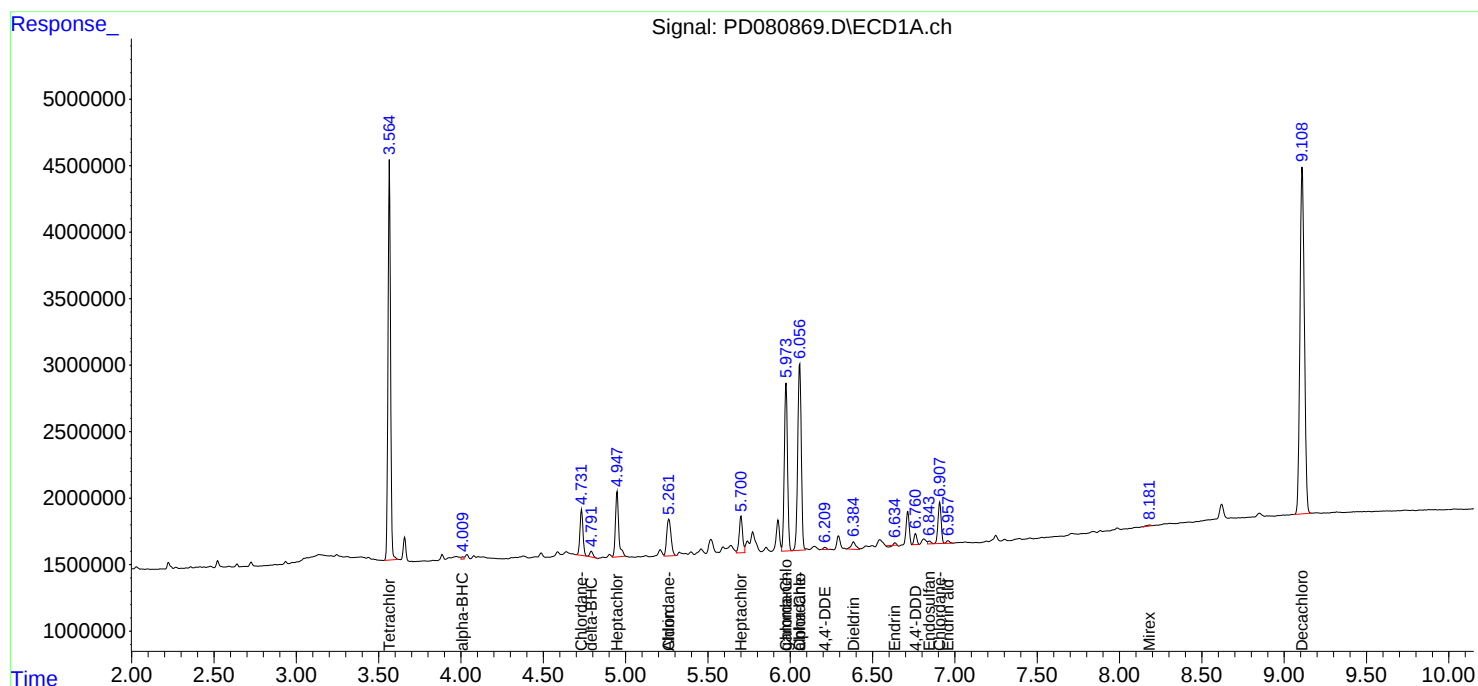
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

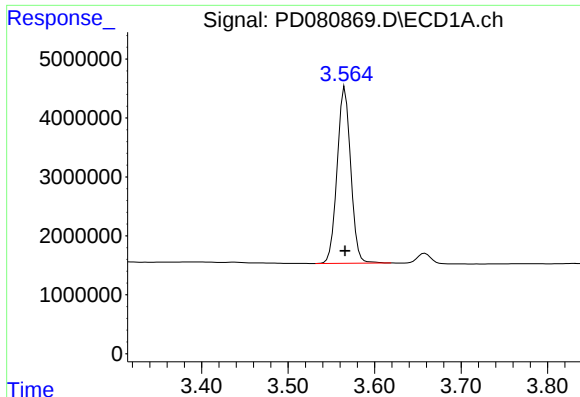
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012424\  
Data File : PD080869.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2024 01:04  
Operator : AR\AJ  
Sample : P1187-01  
Misc : TOX LOD 50PPB  
ALS Vial : 39 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 25 04:11:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 24 20:16:38 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

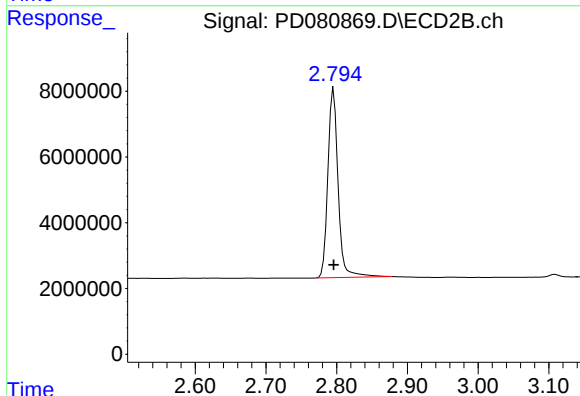




#1 Tetrachloro-m-xylene

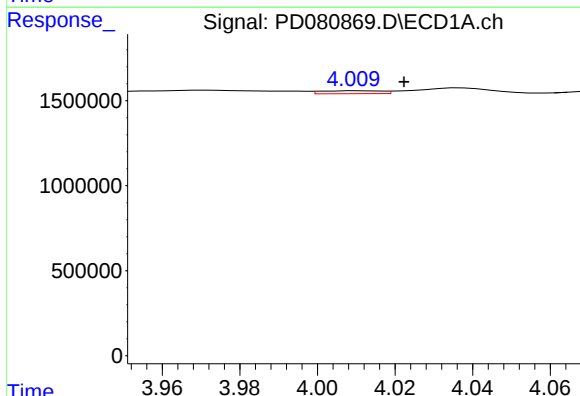
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 32444388  
Conc: 22.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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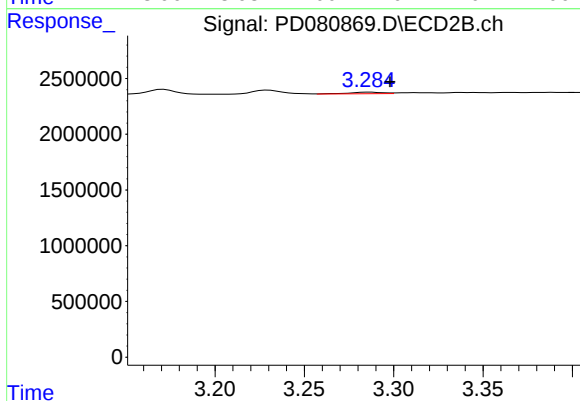
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 58009147  
Conc: 24.25 ng/ml



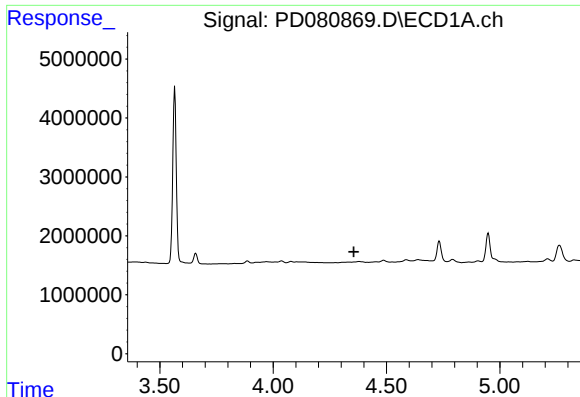
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: -0.012 min  
Response: 185406  
Conc: 0.07 ng/ml



#2 alpha-BHC

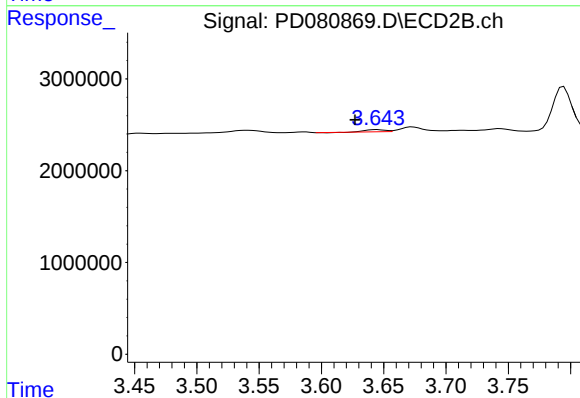
R.T.: 3.286 min  
Delta R.T.: -0.011 min  
Response: 169781  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

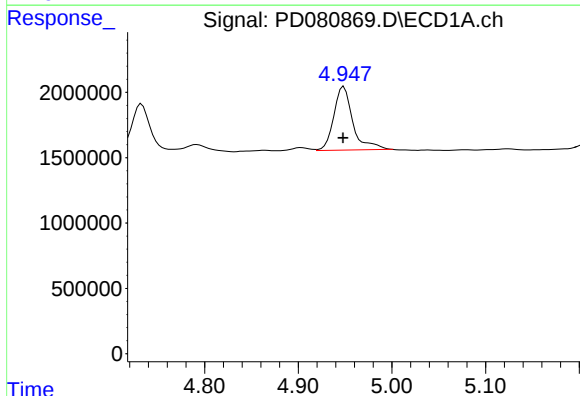
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
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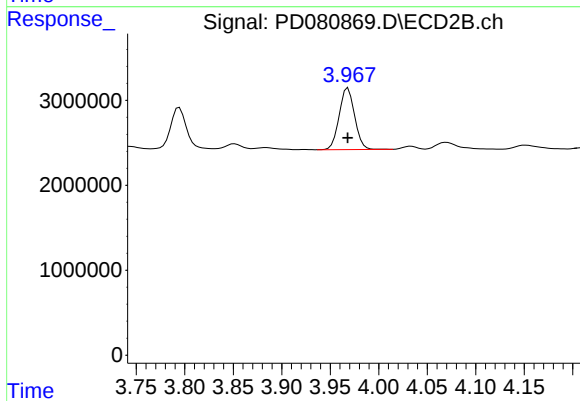
#3 gamma-BHC (Lindane)

R.T.: 3.645 min  
Delta R.T.: 0.018 min  
Response: 232388  
Conc: 0.06 ng/ml



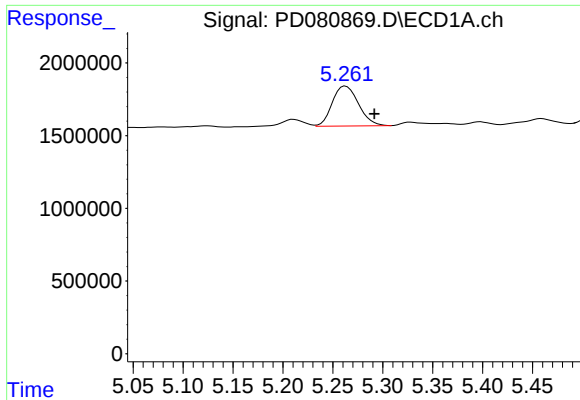
#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: 0.000 min  
Response: 6876679  
Conc: 2.79 ng/ml



#4 Heptachlor

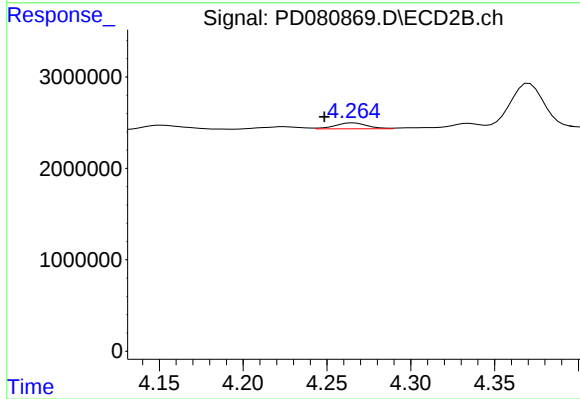
R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 8035221  
Conc: 2.33 ng/ml



#5 Aldrin

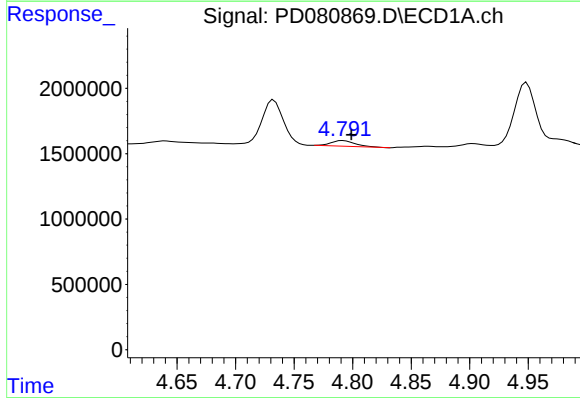
R.T.: 5.263 min  
Delta R.T.: -0.029 min  
Response: 5033853  
Conc: 2.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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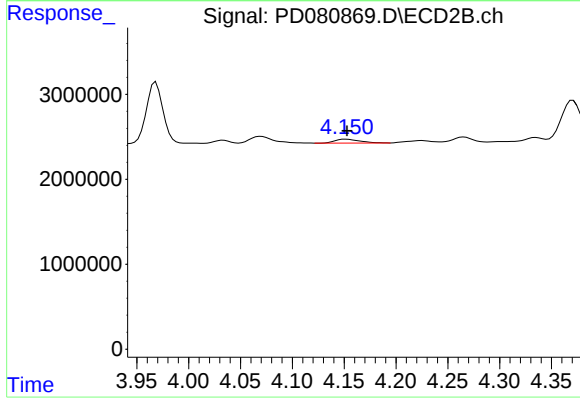
#5 Aldrin

R.T.: 4.266 min  
Delta R.T.: 0.017 min  
Response: 856100  
Conc: 0.24 ng/ml



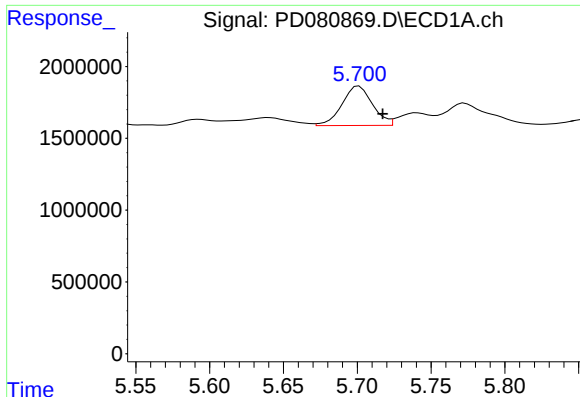
#7 delta-BHC

R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 635214  
Conc: 0.25 ng/ml



#7 delta-BHC

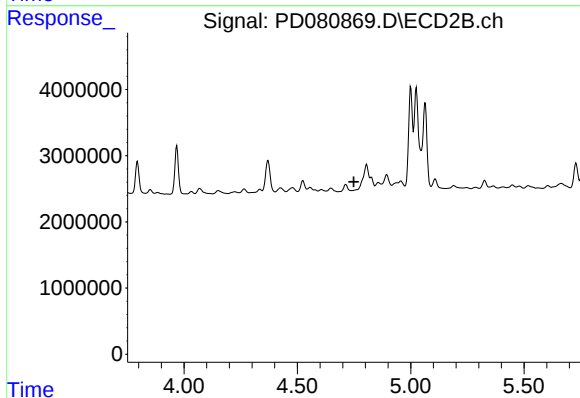
R.T.: 4.152 min  
Delta R.T.: -0.001 min  
Response: 739324  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

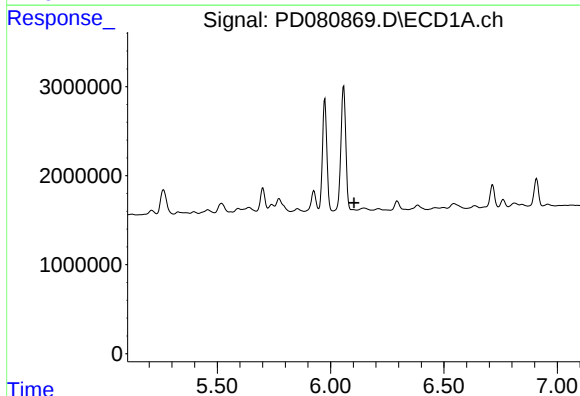
R.T.: 5.701 min  
Delta R.T.: -0.016 min  
Response: 3947297  
Conc: 1.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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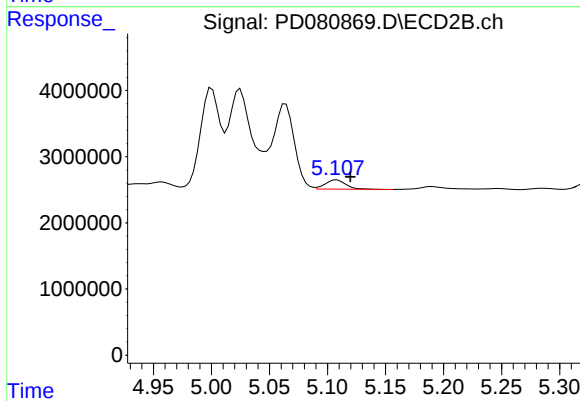
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.750 min  
Response: 0  
Conc: N.D.



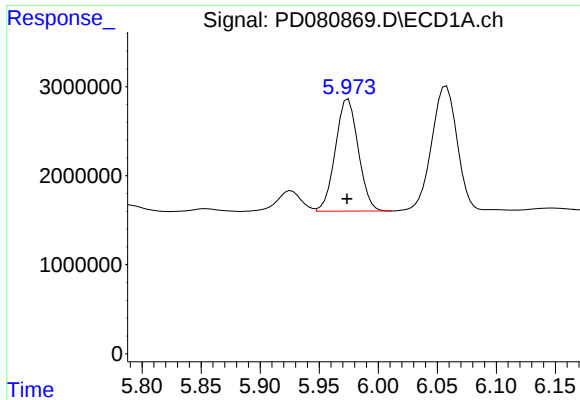
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.104 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

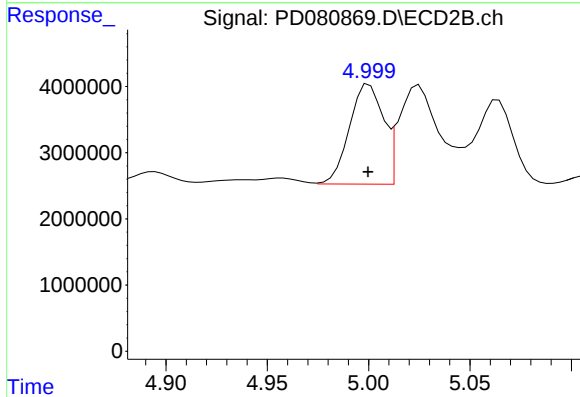
R.T.: 5.108 min  
Delta R.T.: -0.012 min  
Response: 1712503  
Conc: 0.56 ng/ml



#10 gamma-Chlordane

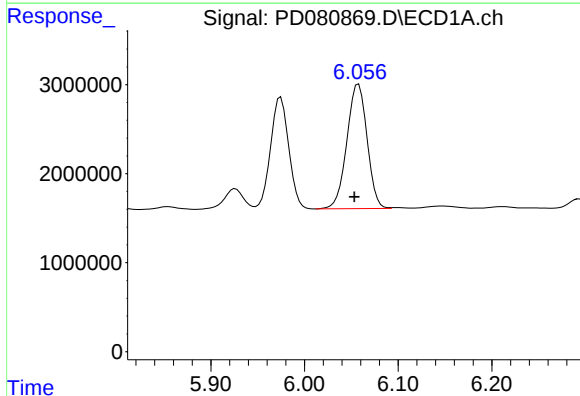
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 16996631  
Conc: 7.76 ng/ml

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



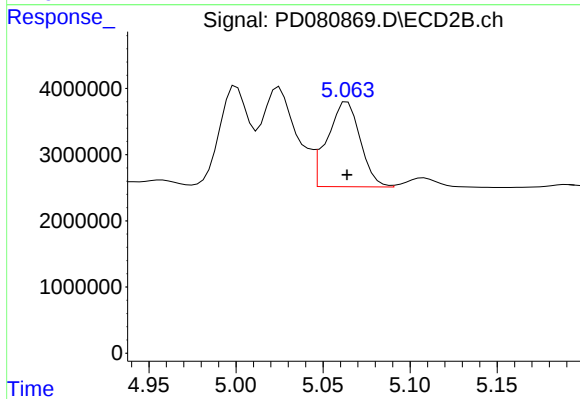
#10 gamma-Chlordane

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 17552852  
Conc: 5.37 ng/ml



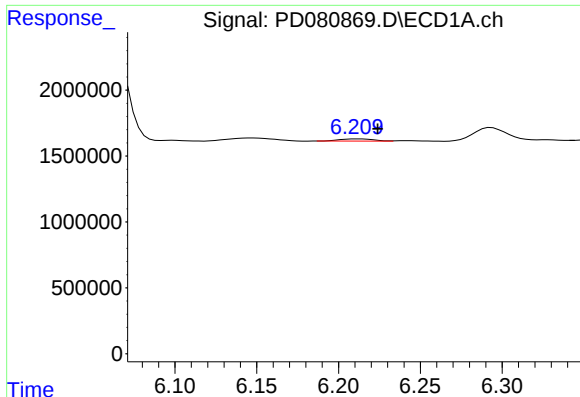
#11 alpha-Chlordane

R.T.: 6.058 min  
Delta R.T.: 0.005 min  
Response: 21002845  
Conc: 9.65 ng/ml



#11 alpha-Chlordane

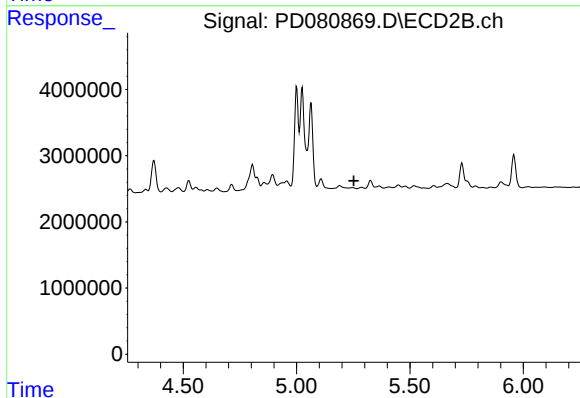
R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 16889013  
Conc: 5.17 ng/ml



#12 4,4'-DDE

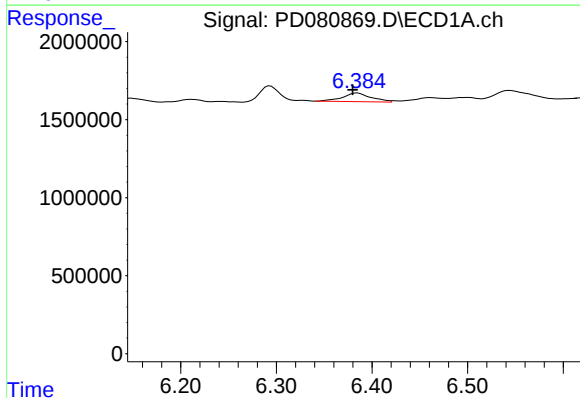
R.T.: 6.211 min  
Delta R.T.: -0.013 min  
Response: 234833  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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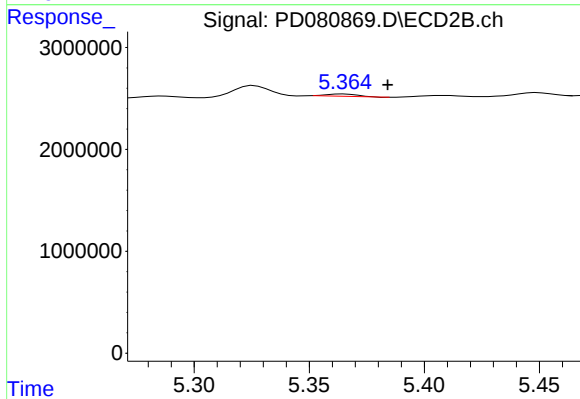
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



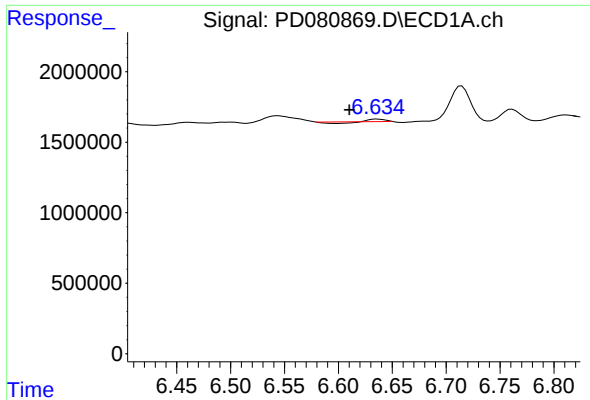
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: 0.005 min  
Response: 1136184  
Conc: 0.51 ng/ml



#13 Dieldrin

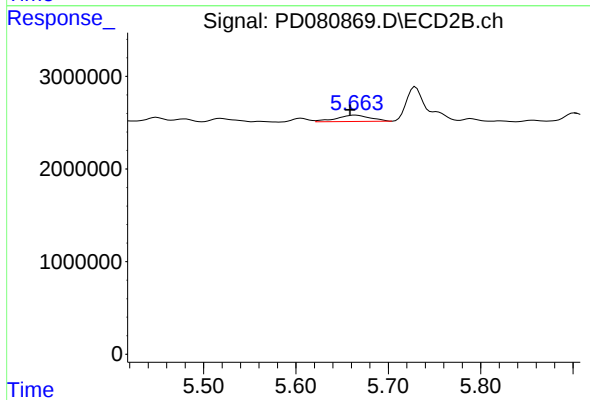
R.T.: 5.365 min  
Delta R.T.: -0.019 min  
Response: 213348  
Conc: 0.06 ng/ml



#14 Endrin

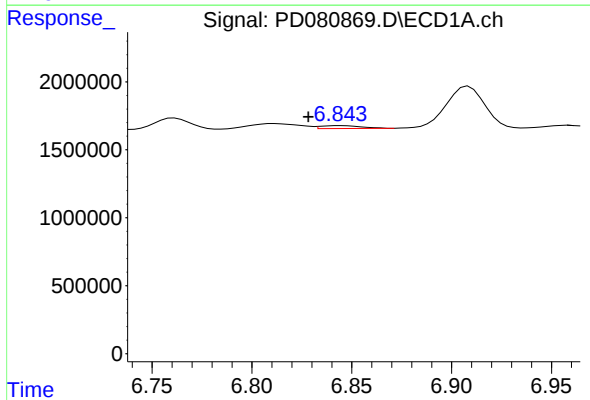
R.T.: 6.636 min  
Delta R.T.: 0.026 min  
Response: 39983  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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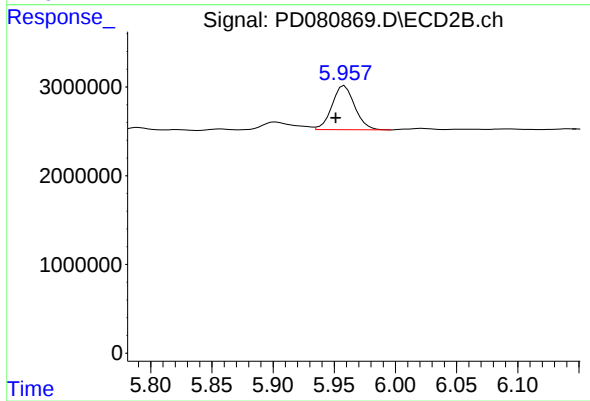
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.006 min  
Response: 1711431  
Conc: 0.58 ng/ml



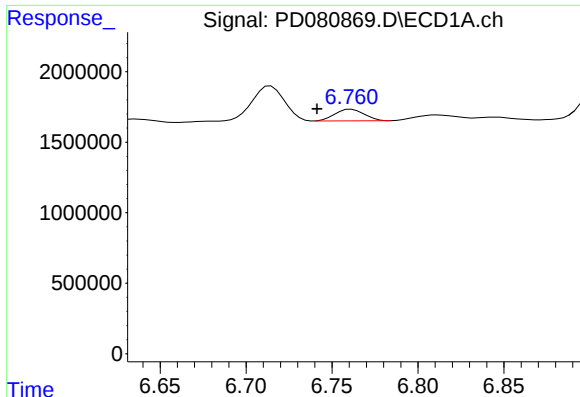
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.016 min  
Response: 153146  
Conc: 0.08 ng/ml



#15 Endosulfan II

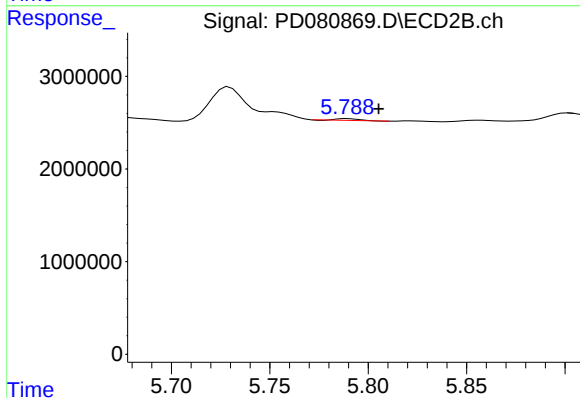
R.T.: 5.958 min  
Delta R.T.: 0.007 min  
Response: 6394059  
Conc: 2.22 ng/ml



#16 4,4'-DDD

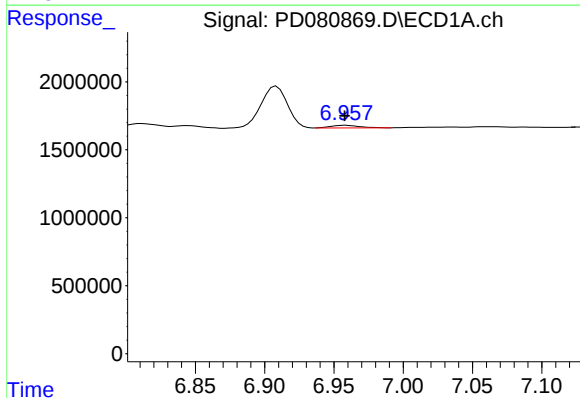
R.T.: 6.761 min  
Delta R.T.: 0.020 min  
Response: 980078  
Conc: 0.60 ng/ml

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



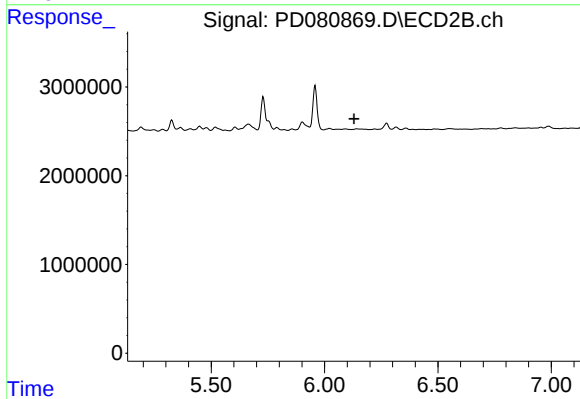
#16 4,4'-DDD

R.T.: 5.789 min  
Delta R.T.: -0.016 min  
Response: 134711  
Conc: 0.05 ng/ml



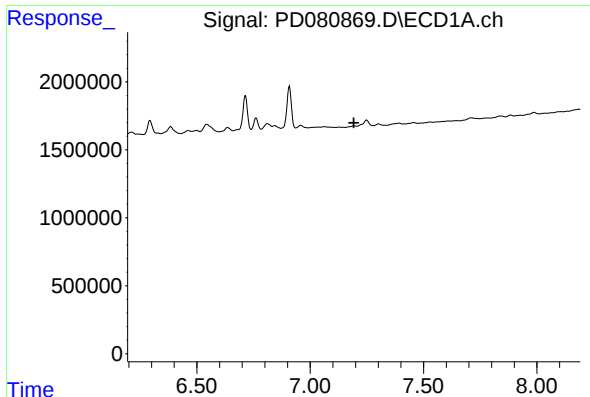
#18 Endrin aldehyde

R.T.: 6.958 min  
Delta R.T.: 0.000 min  
Response: 292360  
Conc: 0.19 ng/ml



#18 Endrin aldehyde

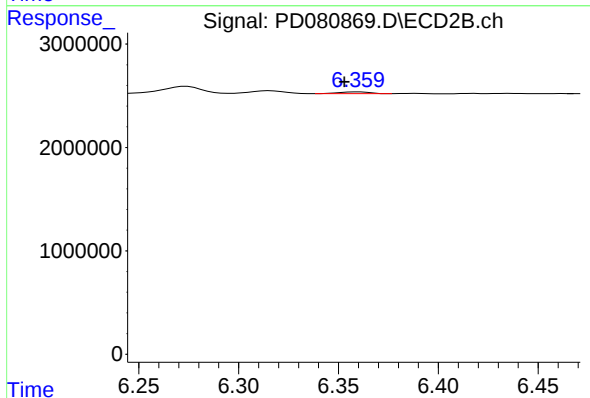
R.T.: 0.000 min  
Exp R.T. : 6.130 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

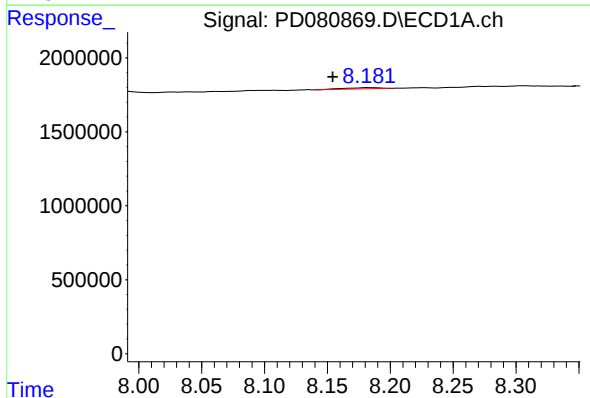
R.T.: 0.000 min  
Exp R.T.: 7.192 min  
Response: 0  
Conc: N.D.

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



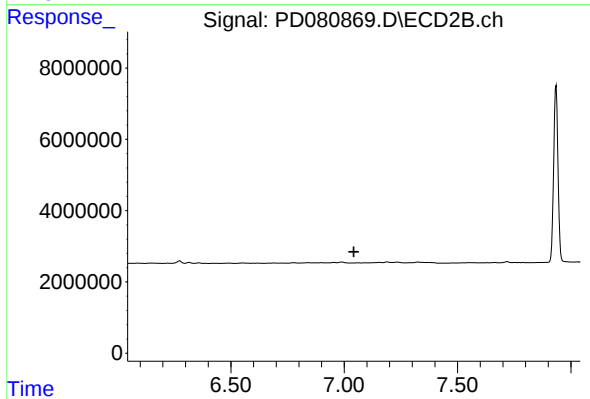
#19 Endosulfan Sulfate

R.T.: 6.360 min  
Delta R.T.: 0.007 min  
Response: 184131  
Conc: 0.07 ng/ml



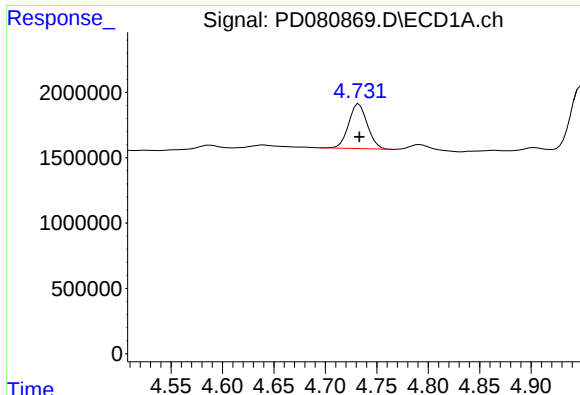
#22 Mirex

R.T.: 8.183 min  
Delta R.T.: 0.029 min  
Response: 147888  
Conc: 0.09 ng/ml



#22 Mirex

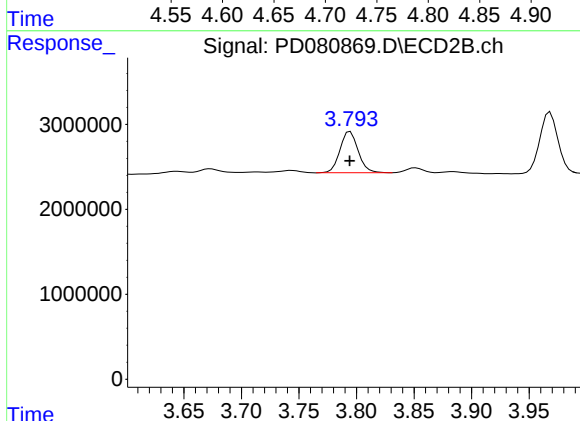
R.T.: 0.000 min  
Exp R.T.: 7.042 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

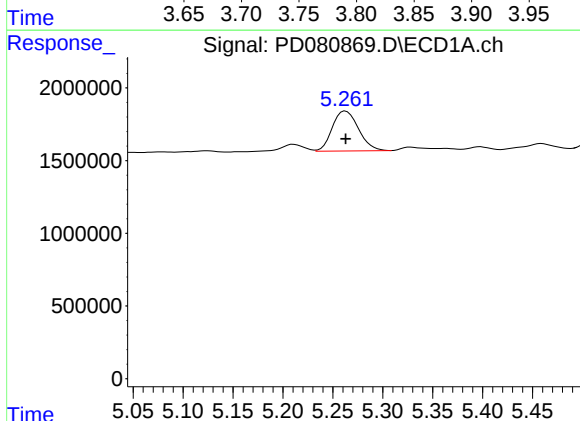
R.T.: 4.733 min  
Delta R.T.: 0.000 min  
Response: 4321780  
Conc: 55.97 ng/ml

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



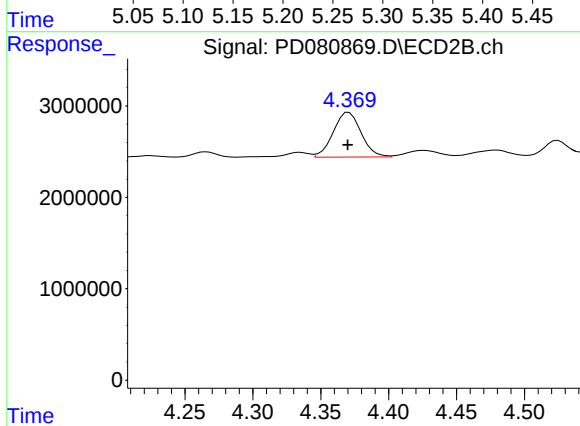
#23 Chlordane-1

R.T.: 3.795 min  
Delta R.T.: 0.000 min  
Response: 5367324  
Conc: 52.78 ng/ml



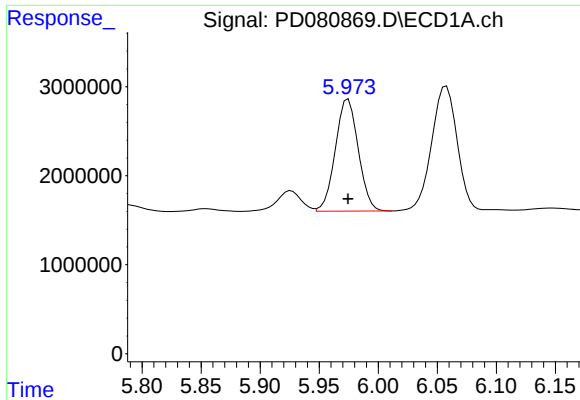
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 5033853  
Conc: 60.81 ng/ml



#24 Chlordane-2

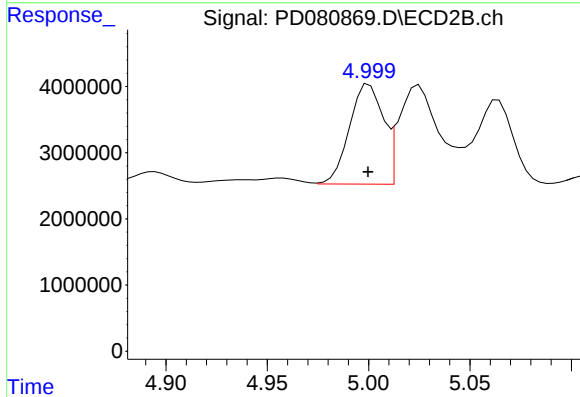
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 7002905  
Conc: 57.13 ng/ml



#25 Chlordane-3

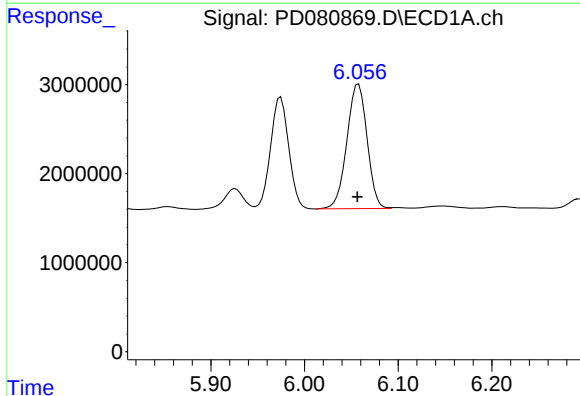
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 16996631  
Conc: 53.82 ng/ml

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



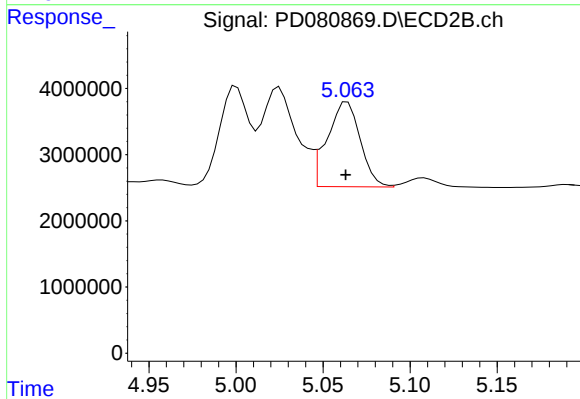
#25 Chlordane-3

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 17552852  
Conc: 52.30 ng/ml



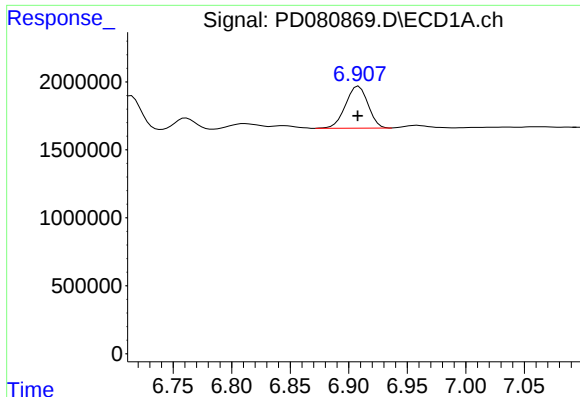
#26 Chlordane-4

R.T.: 6.058 min  
Delta R.T.: 0.001 min  
Response: 21002845  
Conc: 55.16 ng/ml



#26 Chlordane-4

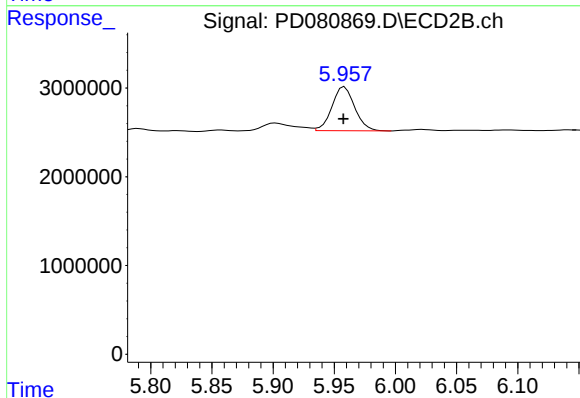
R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 16889013  
Conc: 53.16 ng/ml



#27 Chlordane-5

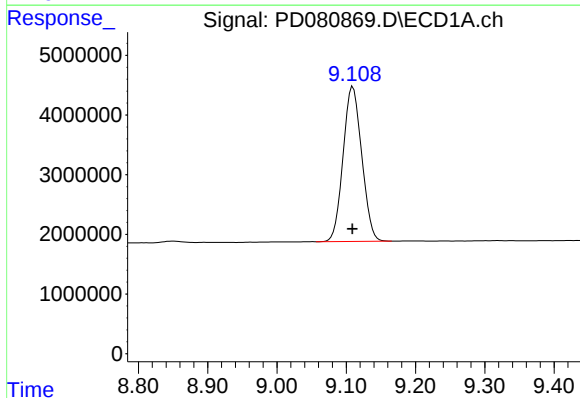
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 4133886  
Conc: 59.22 ng/ml

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



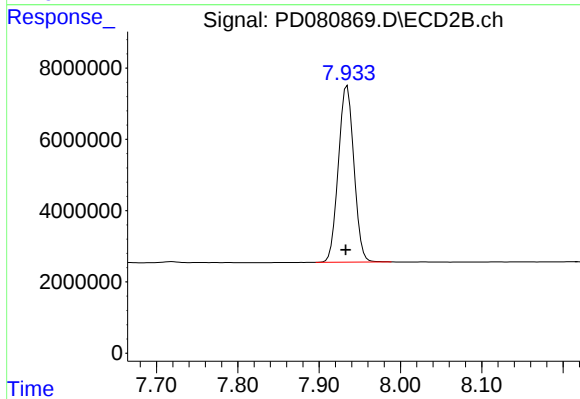
#27 Chlordane-5

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 6394059  
Conc: 52.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min  
Delta R.T.: 0.000 min  
Response: 48435439  
Conc: 24.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: 0.002 min  
Response: 65657396  
Conc: 24.65 ng/ml