

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080224\  
 Data File : PD084201.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 18:15  
 Operator : AR\AJ  
 Sample : P3390-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 23:54:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 16 04:22:06 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... | 3.562  | 2.772  | 18333114 | 103.5E6  | 17.930 | 17.995  |
| 28)                         | SA Decachlor... | 9.112  | 7.894  | 40642510 | 127.6E6  | 17.803 | 19.871  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.270  | 0        | 923411   | N.D.   | 0.104 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.597  | 0        | 1619079  | N.D.   | 0.202 # |
| 5)                          | MB Aldrin       | 5.269f | 4.224  | 188573   | 46228    | 0.093  | 0.006 # |
| 7)                          | B delta-BHC     | 4.792  | 4.121  | 484007   | 612045   | 0.266  | 0.074 # |
| 8)                          | B Heptachlo...  | 5.713  | 4.712  | 72521    | 811045   | 0.041  | 0.113 # |
| 10)                         | B gamma-Chl...  | 5.995f | 4.989f | 209041   | 6466062  | 0.105  | 0.853 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.052f | 0        | 756376   | N.D.   | 0.101 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.205  | 0        | 2622547  | N.D.   | 0.368 # |
| 13)                         | MA Dieldrin     | 6.401f | 5.341  | 420572   | -912813  | 0.204  | N.D. #  |
| 14)                         | MA Endrin       | 6.583f | 5.642f | 191615   | 1909740  | 0.107  | 0.289 # |
| 15)                         | B Endosulfa...  | 6.845  | 5.916  | 481269   | 2312691  | 0.252  | 0.362 # |
| 16)                         | A 4,4'-DDD      | 6.736  | 5.788f | 363673   | 587406   | 0.240  | 0.106 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.026  | 0        | 1823123  | N.D.   | 0.318 # |
| 18)                         | B Endrin al...  | 6.968  | 6.105  | 397261   | 3796071  | 0.270  | 0.756 # |
| 19)                         | B Endosulfa...  | 7.185  | 6.316  | 2609560  | 1180464  | 1.437  | 0.193 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.584  | 0        | 5997601  | N.D.   | 2.033 # |
| 22)                         | Mirex           | 0.000  | 7.025f | 0        | 10833692 | N.D.   | 1.999 # |
| 23)                         | Chlordane-1     | 0.000  | 3.750  | 0        | 126090   | N.D.   | 0.539 # |
| 24)                         | Chlordane-2     | 5.269  | 4.359f | 188573   | 906228   | 2.714  | 3.229   |
| 25)                         | Chlordane-3     | 5.995f | 4.989f | 209041   | 6466062  | 0.688  | 8.313 # |
| 26)                         | Chlordane-4     | 0.000  | 5.052f | 0        | 756376   | N.D.   | 0.987 # |
| 27)                         | Chlordane-5     | 6.892  | 5.916  | 1961006  | 2312691  | 28.872 | 8.371 # |
| -----                       |                 |        |        |          |          |        |         |

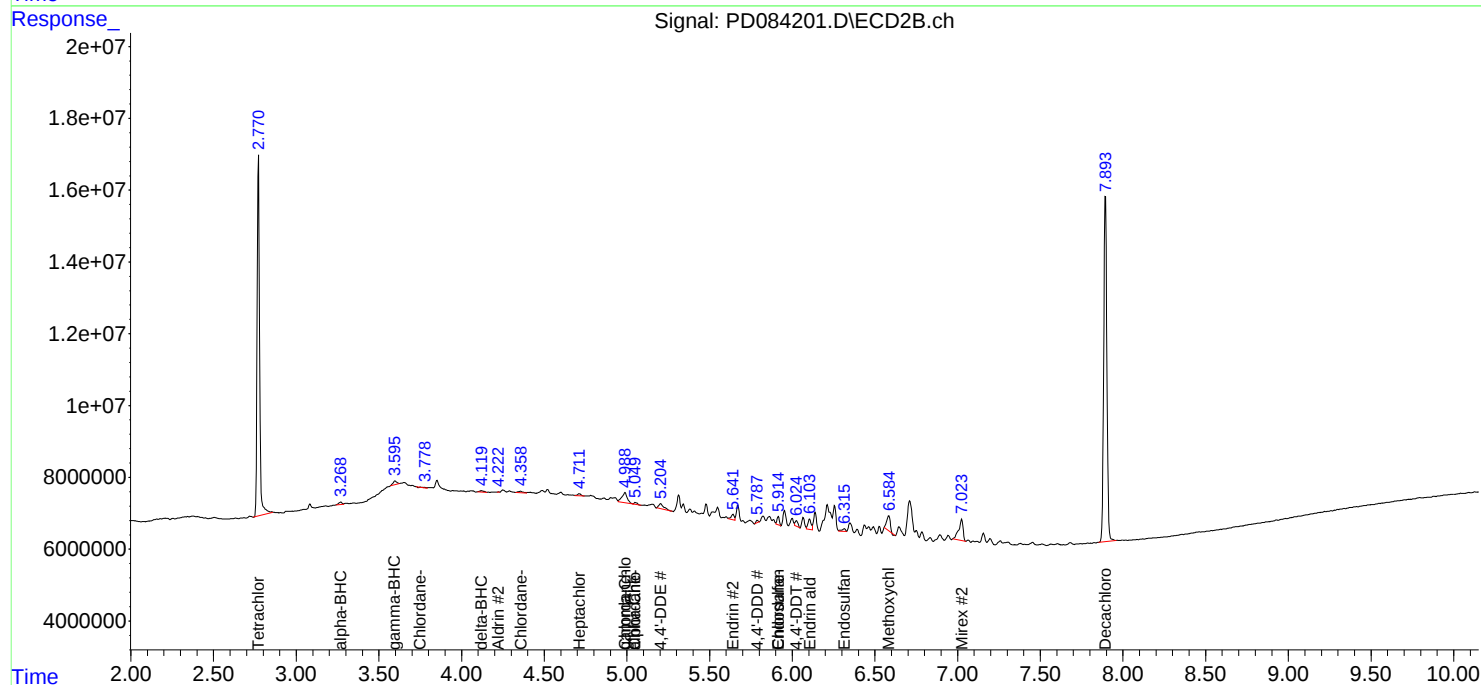
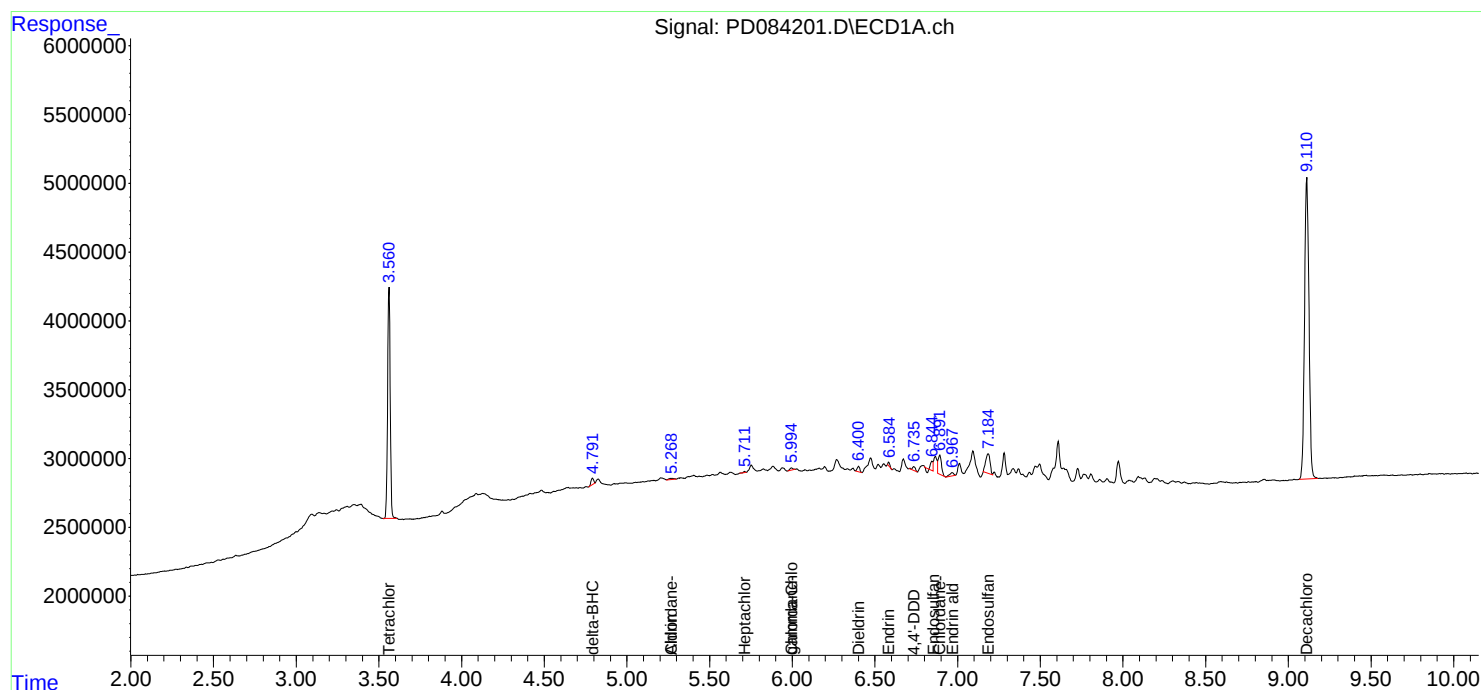
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

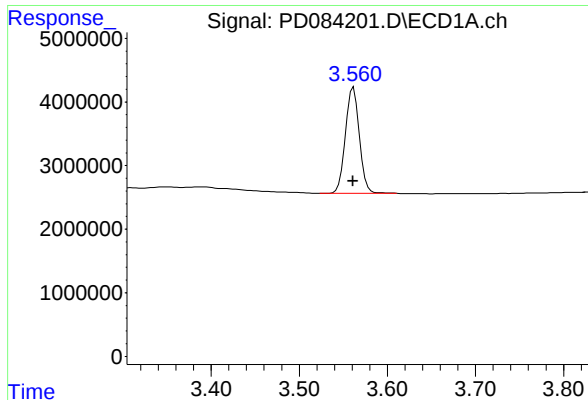
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080224\  
Data File : PD084201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 18:15  
Operator : AR\AJ  
Sample : P3390-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 23:54:20 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071524.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 16 04:22:06 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

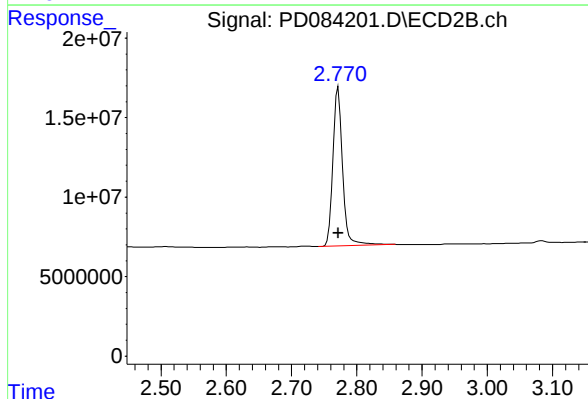




#1 Tetrachloro-m-xylene

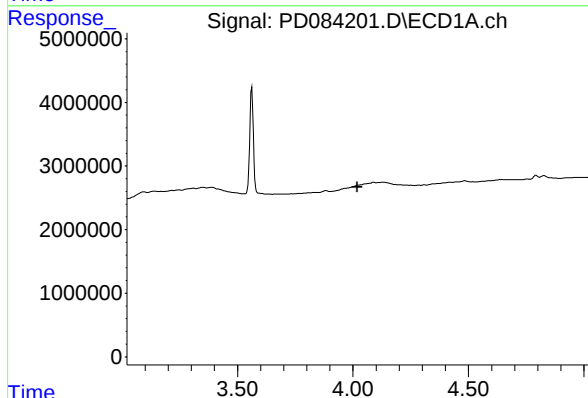
R.T.: 3.562 min  
Delta R.T.: 0.000 min  
Response: 18333114  
Conc: 17.93 ng/ml

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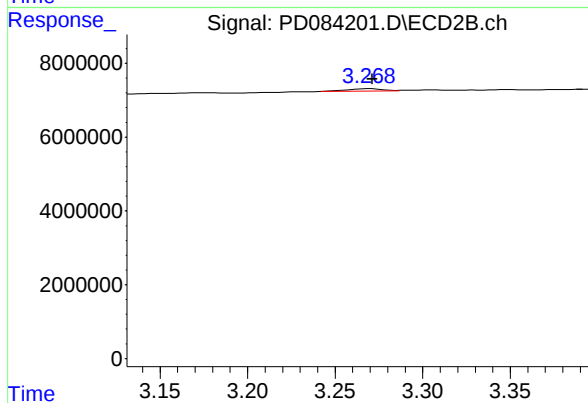
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.000 min  
Response: 103465895  
Conc: 18.00 ng/ml



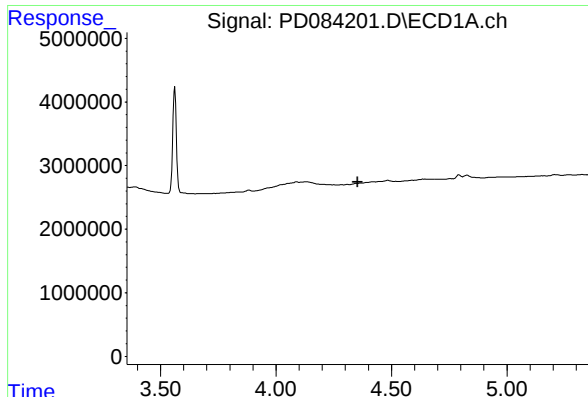
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 4.018 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

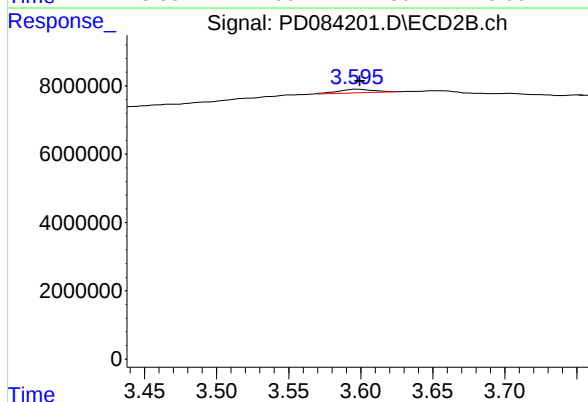
R.T.: 3.270 min  
Delta R.T.: -0.001 min  
Response: 923411  
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

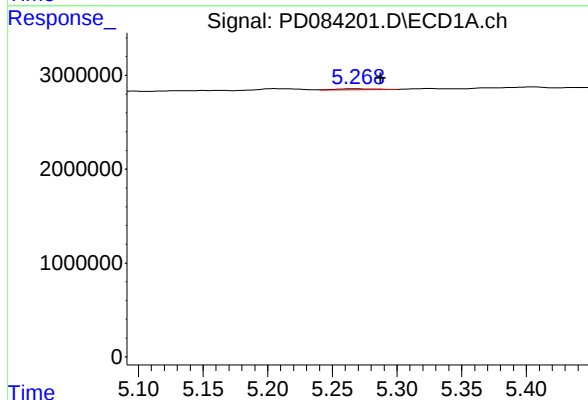
R.T.: 0.000 min  
Exp R.T.: 4.352 min  
Response: 0  
Conc: N.D.

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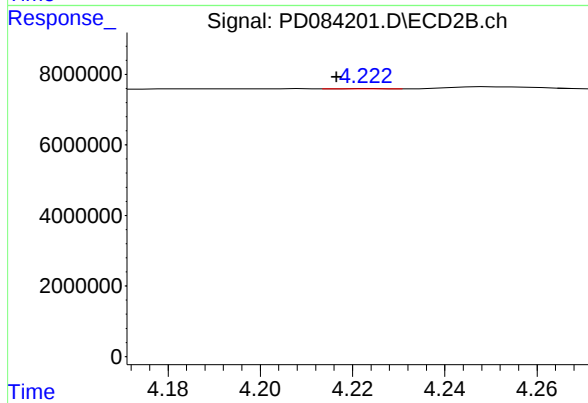
#3 gamma-BHC (Lindane)

R.T.: 3.597 min  
Delta R.T.: -0.003 min  
Response: 1619079  
Conc: 0.20 ng/ml



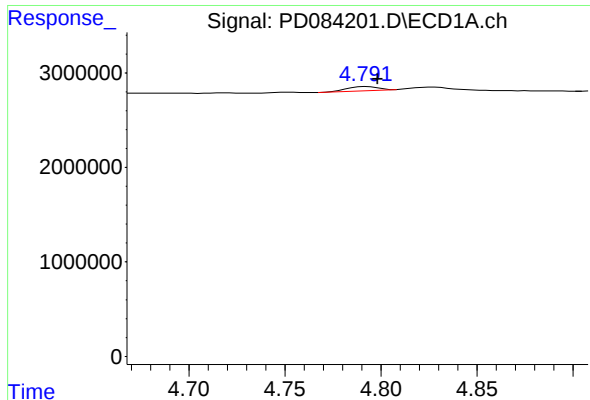
#5 Aldrin

R.T.: 5.269 min  
Delta R.T.: -0.018 min  
Response: 188573  
Conc: 0.09 ng/ml



#5 Aldrin

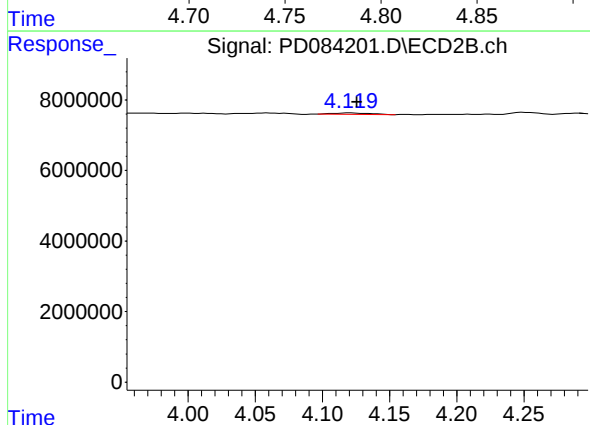
R.T.: 4.224 min  
Delta R.T.: 0.007 min  
Response: 46228  
Conc: 0.01 ng/ml



#7 delta-BHC

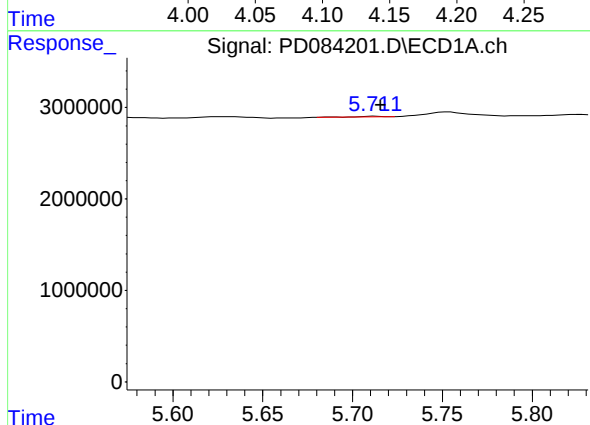
R.T.: 4.792 min  
Delta R.T.: -0.006 min  
Response: 484007  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



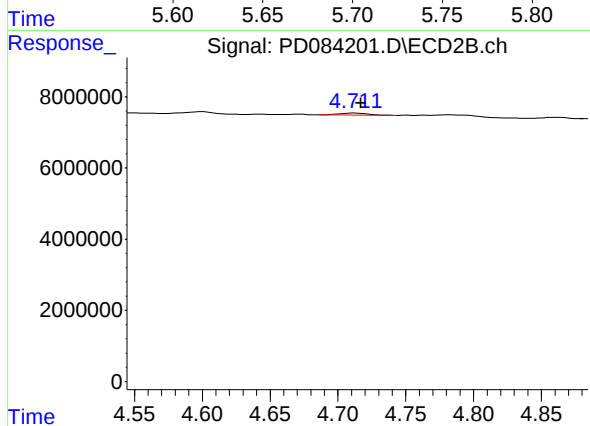
#7 delta-BHC

R.T.: 4.121 min  
Delta R.T.: -0.005 min  
Response: 612045  
Conc: 0.07 ng/ml



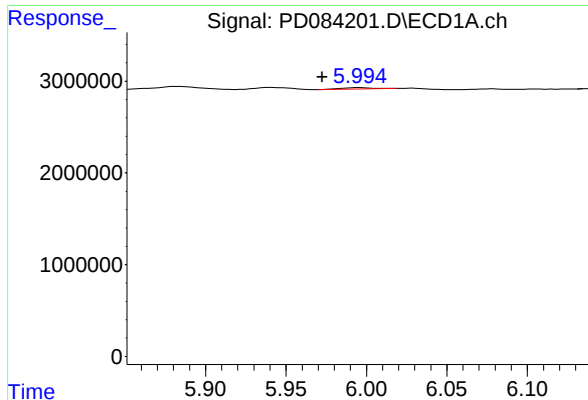
#8 Heptachlor epoxide

R.T.: 5.713 min  
Delta R.T.: -0.003 min  
Response: 72521  
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

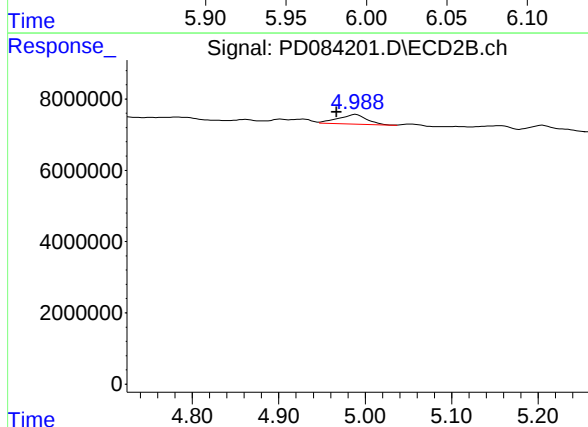
R.T.: 4.712 min  
Delta R.T.: -0.005 min  
Response: 811045  
Conc: 0.11 ng/ml



#10 gamma-Chlordane

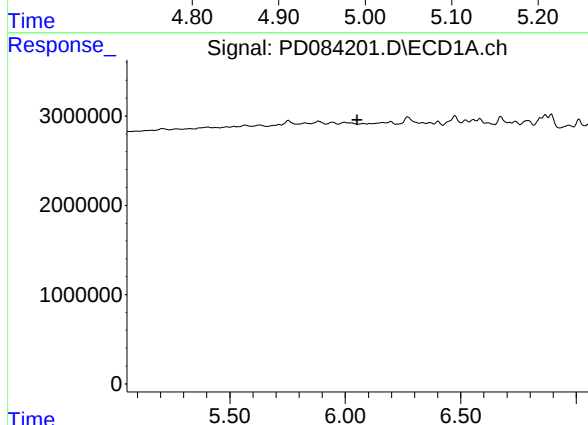
R.T.: 5.995 min  
Delta R.T.: 0.023 min  
Response: 209041  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



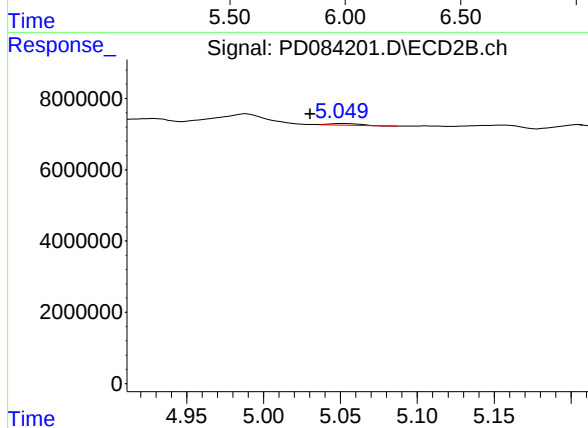
#10 gamma-Chlordane

R.T.: 4.989 min  
Delta R.T.: 0.022 min  
Response: 6466062  
Conc: 0.85 ng/ml



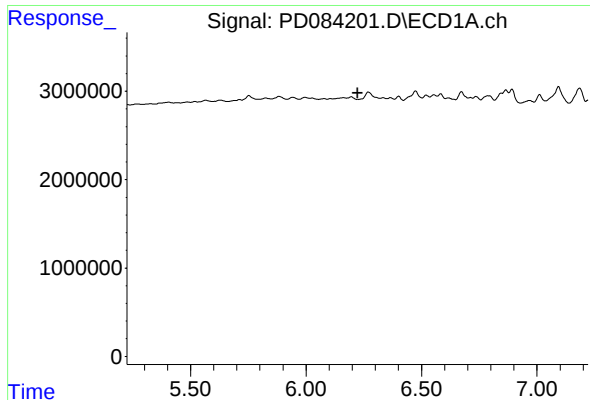
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.052 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

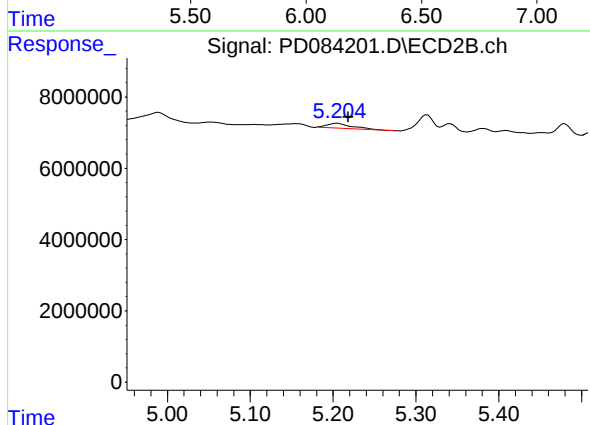
R.T.: 5.052 min  
Delta R.T.: 0.021 min  
Response: 756376  
Conc: 0.10 ng/ml



#12 4,4'-DDE

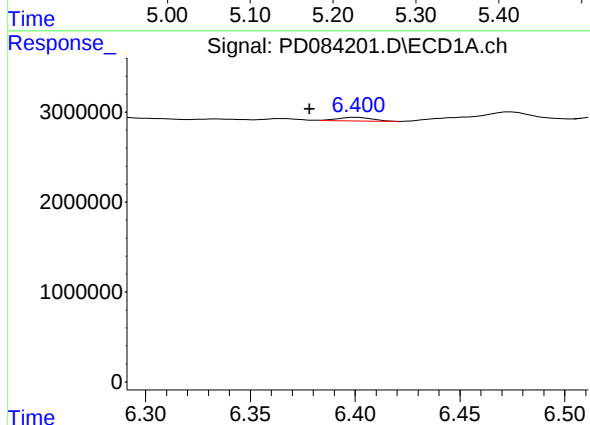
R.T.: 0.000 min  
Exp R.T.: 6.224 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



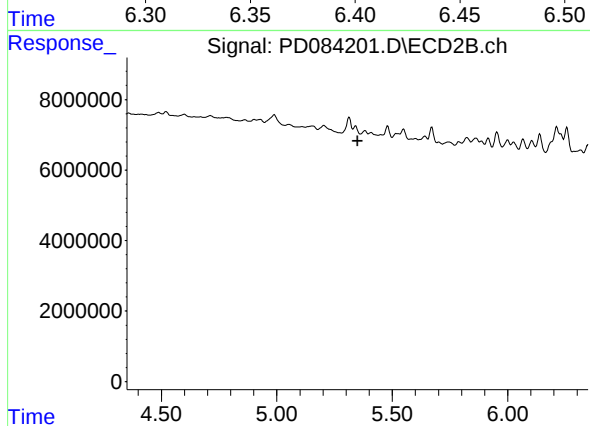
#12 4,4'-DDE

R.T.: 5.205 min  
Delta R.T.: -0.014 min  
Response: 2622547  
Conc: 0.37 ng/ml



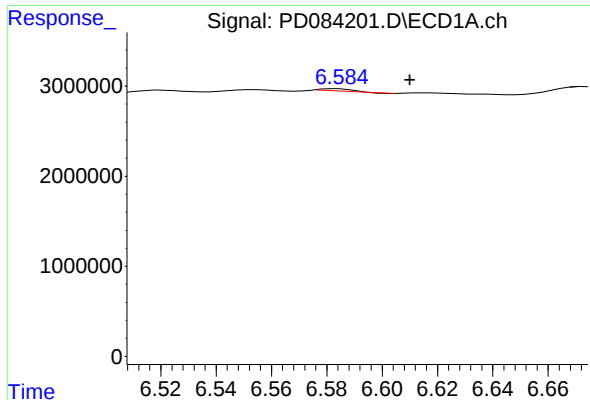
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: 0.023 min  
Response: 420572  
Conc: 0.20 ng/ml



#13 Dieldrin

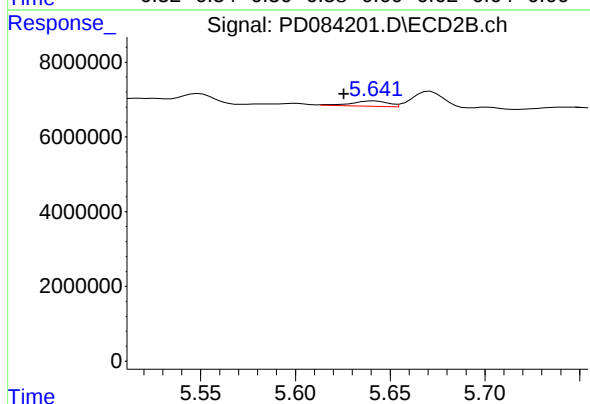
R.T.: 5.341 min  
Delta R.T.: -0.009 min  
Response: -912813  
Conc: N.D.



#14 Endrin

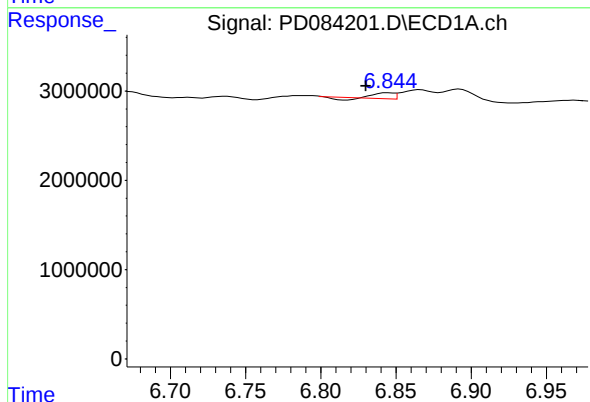
R.T.: 6.583 min  
Delta R.T.: -0.027 min  
Response: 191615  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



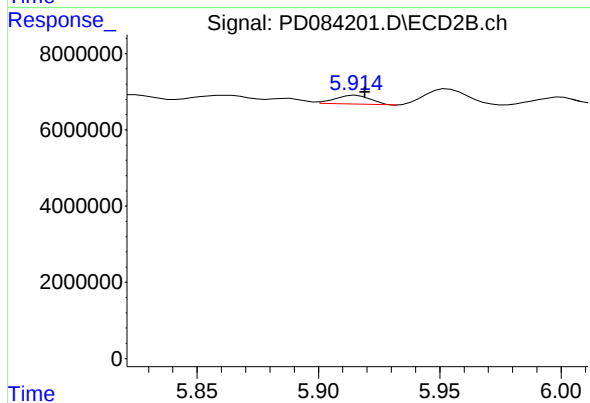
#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.016 min  
Response: 1909740  
Conc: 0.29 ng/ml



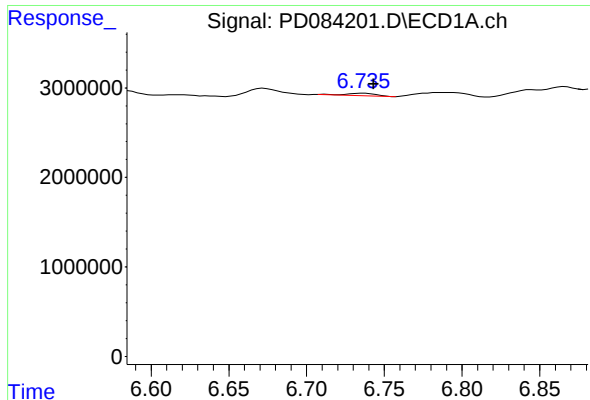
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.015 min  
Response: 481269  
Conc: 0.25 ng/ml



#15 Endosulfan II

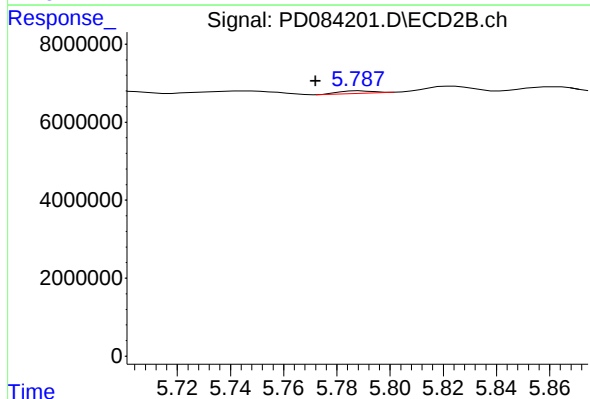
R.T.: 5.916 min  
Delta R.T.: -0.003 min  
Response: 2312691  
Conc: 0.36 ng/ml



#16 4,4'-DDD

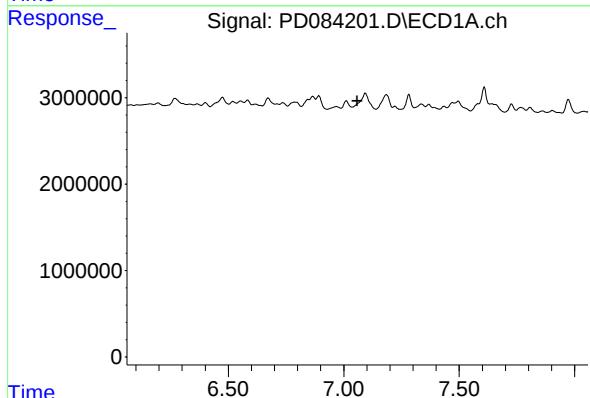
R.T.: 6.736 min  
Delta R.T.: -0.007 min  
Response: 363673  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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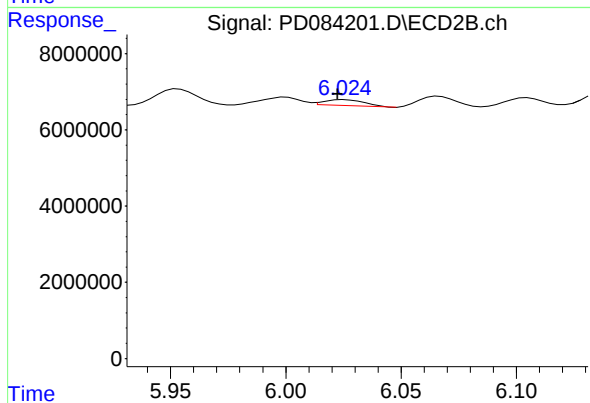
#16 4,4'-DDD

R.T.: 5.788 min  
Delta R.T.: 0.016 min  
Response: 587406  
Conc: 0.11 ng/ml



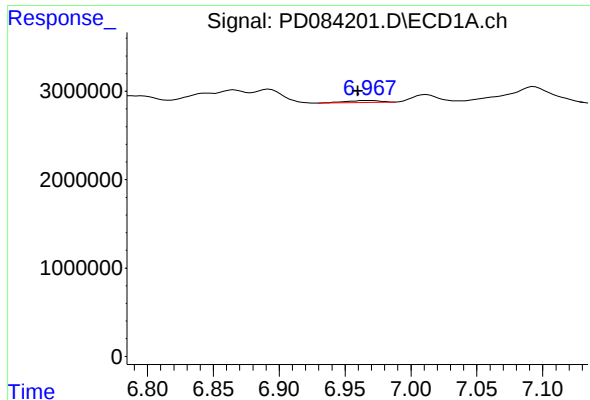
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 7.058 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

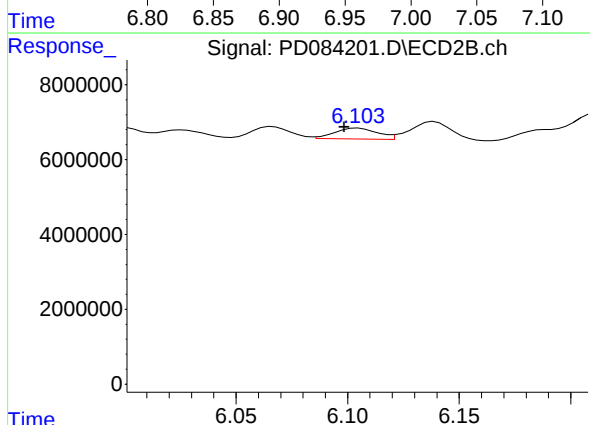
R.T.: 6.026 min  
Delta R.T.: 0.003 min  
Response: 1823123  
Conc: 0.32 ng/ml



#18 Endrin aldehyde

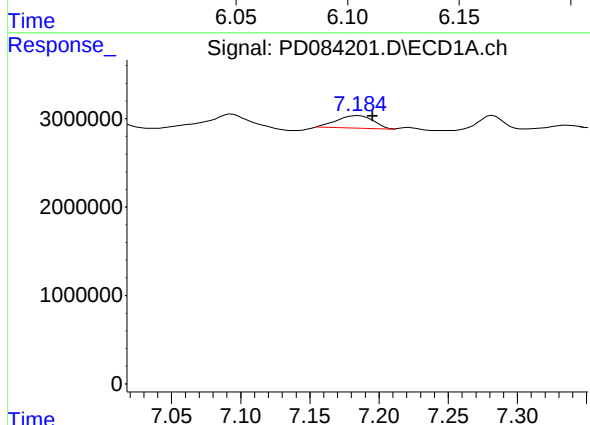
R.T.: 6.968 min  
Delta R.T.: 0.008 min  
Response: 397261  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



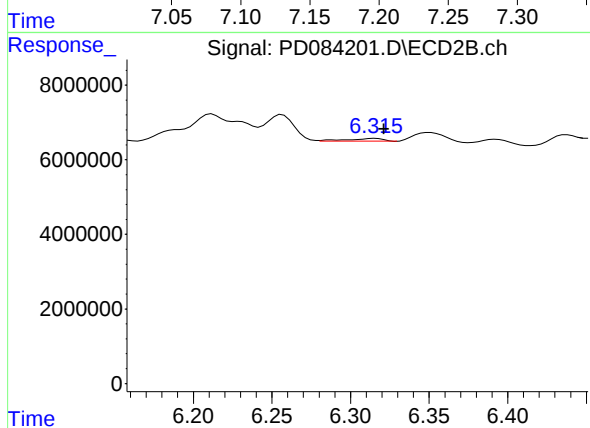
#18 Endrin aldehyde

R.T.: 6.105 min  
Delta R.T.: 0.006 min  
Response: 3796071  
Conc: 0.76 ng/ml



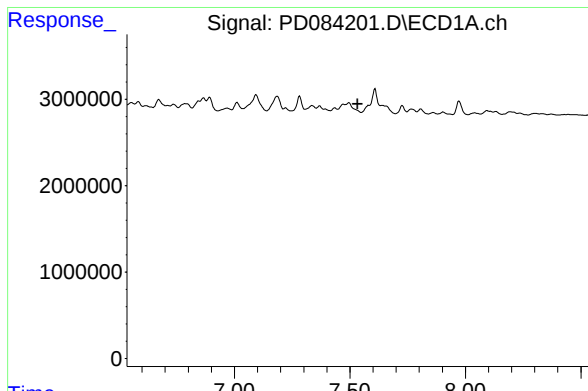
#19 Endosulfan Sulfate

R.T.: 7.185 min  
Delta R.T.: -0.010 min  
Response: 2609560  
Conc: 1.44 ng/ml



#19 Endosulfan Sulfate

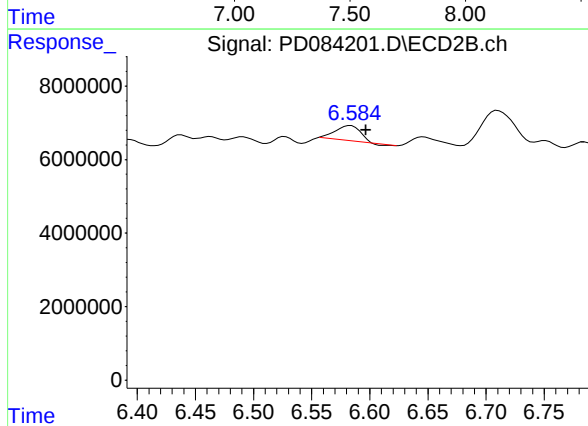
R.T.: 6.316 min  
Delta R.T.: -0.005 min  
Response: 1180464  
Conc: 0.19 ng/ml



#20 Methoxychlor

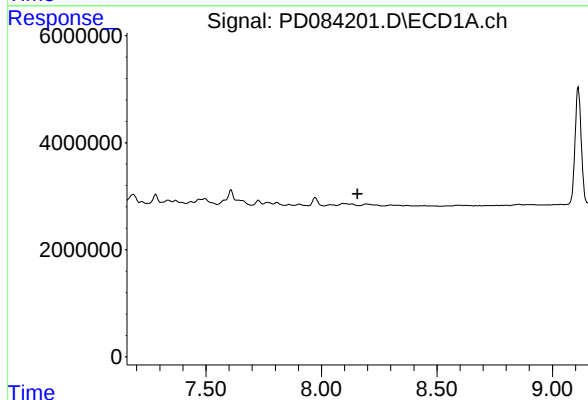
R.T.: 0.000 min  
Exp R.T.: 7.534 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



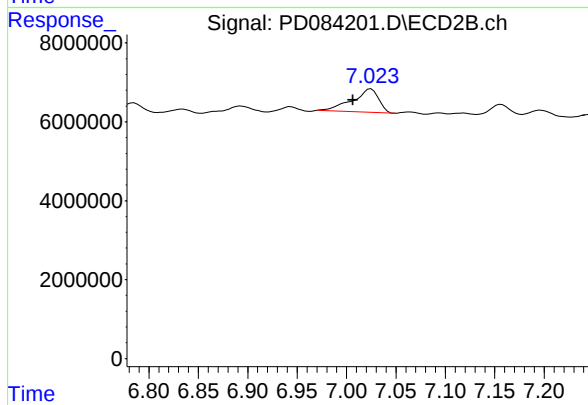
#20 Methoxychlor

R.T.: 6.584 min  
Delta R.T.: -0.013 min  
Response: 5997601  
Conc: 2.03 ng/ml



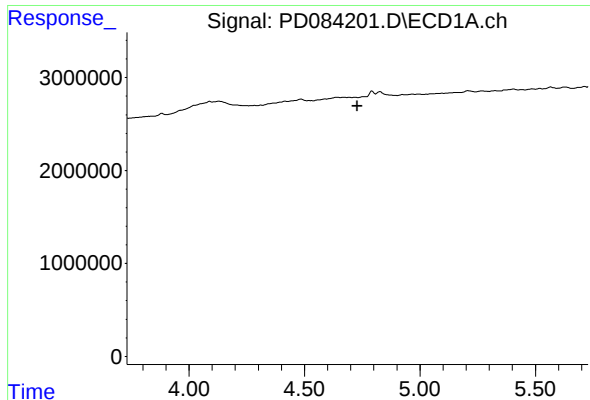
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.158 min  
Response: 0  
Conc: N.D.



#22 Mirex

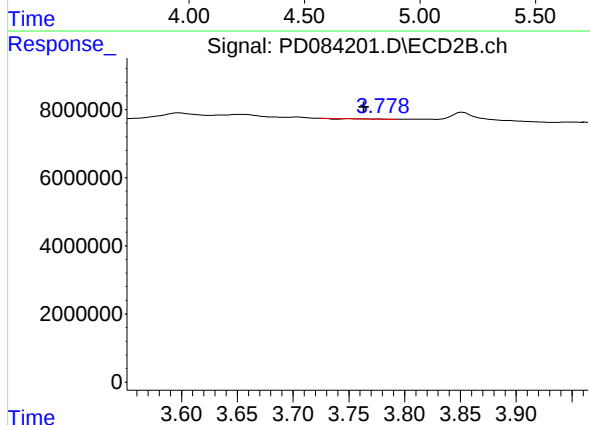
R.T.: 7.025 min  
Delta R.T.: 0.018 min  
Response: 10833692  
Conc: 2.00 ng/ml



#23 Chlorine-1

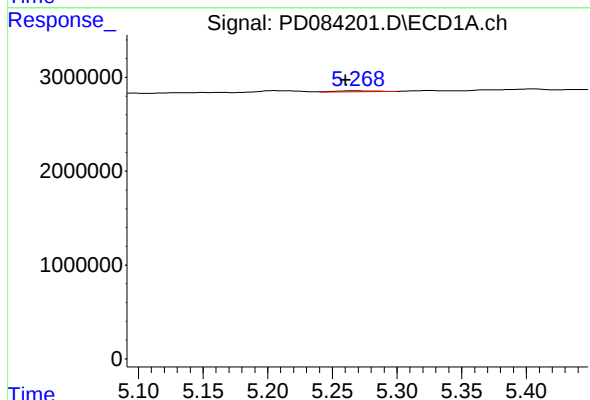
R.T.: 0.000 min  
Exp R.T.: 4.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



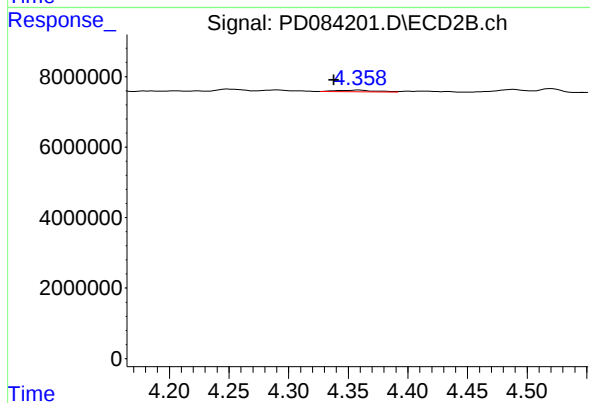
#23 Chlorine-1

R.T.: 3.750 min  
Delta R.T.: -0.014 min  
Response: 126090  
Conc: 0.54 ng/ml



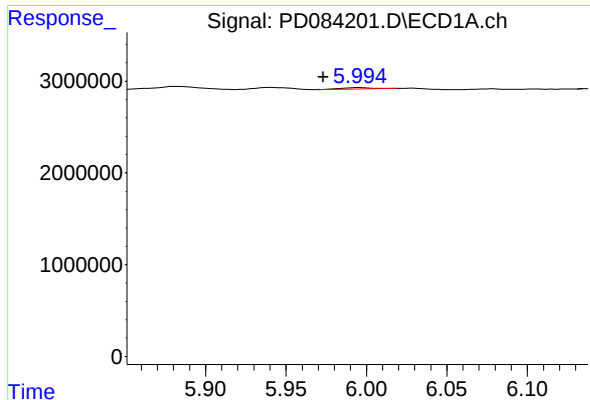
#24 Chlorine-2

R.T.: 5.269 min  
Delta R.T.: 0.009 min  
Response: 188573  
Conc: 2.71 ng/ml



#24 Chlorine-2

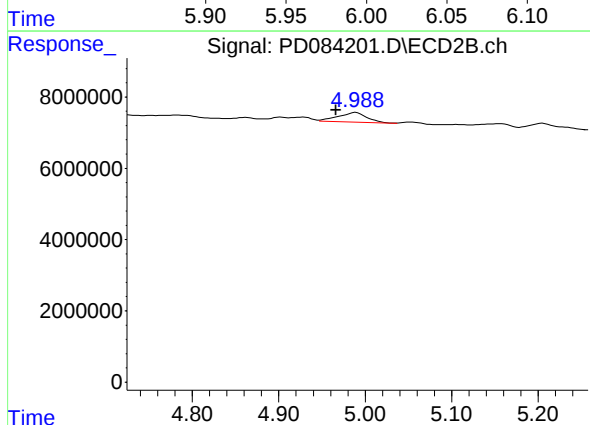
R.T.: 4.359 min  
Delta R.T.: 0.021 min  
Response: 906228  
Conc: 3.23 ng/ml



#25 Chlordane-3

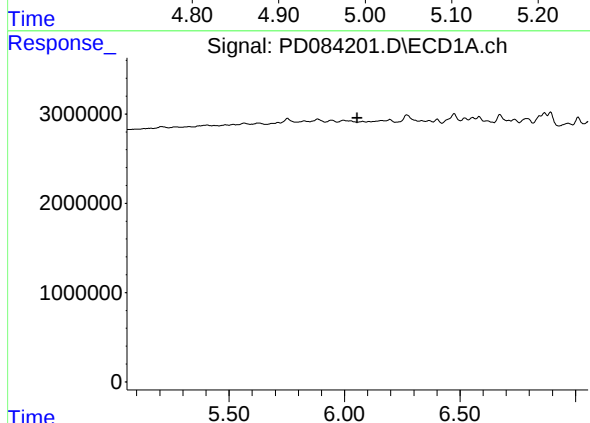
R.T.: 5.995 min  
Delta R.T.: 0.022 min  
Response: 209041  
Conc: 0.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



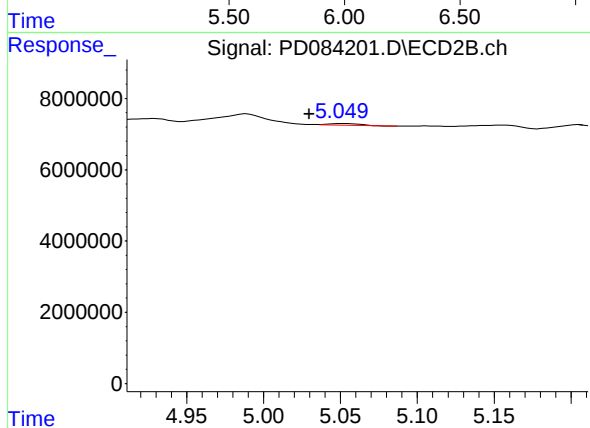
#25 Chlordane-3

R.T.: 4.989 min  
Delta R.T.: 0.023 min  
Response: 6466062  
Conc: 8.31 ng/ml



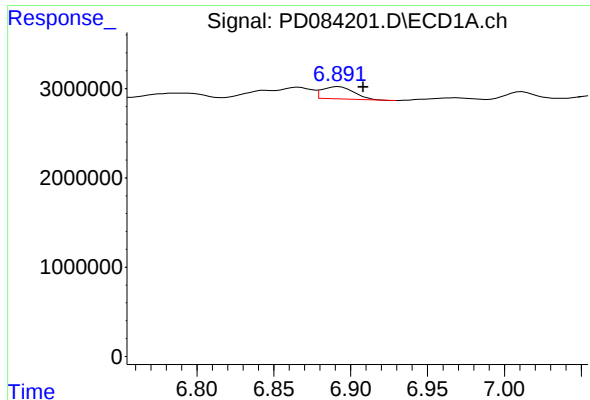
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.055 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

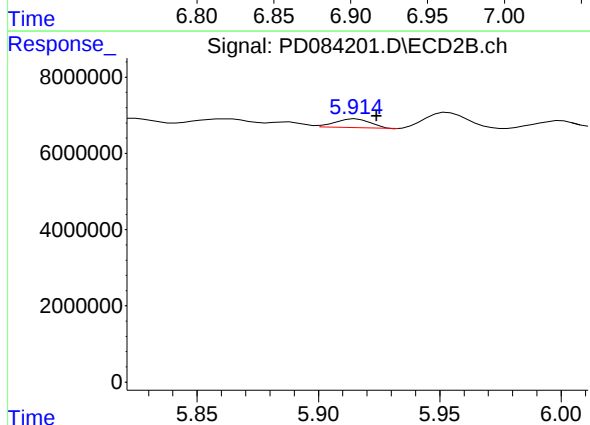
R.T.: 5.052 min  
Delta R.T.: 0.022 min  
Response: 756376  
Conc: 0.99 ng/ml



#27 Chlordane-5

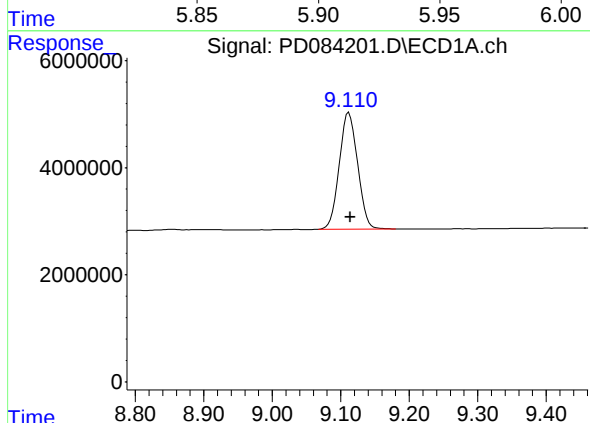
R.T.: 6.892 min  
Delta R.T.: -0.016 min  
Response: 1961006  
Conc: 28.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT3-2024



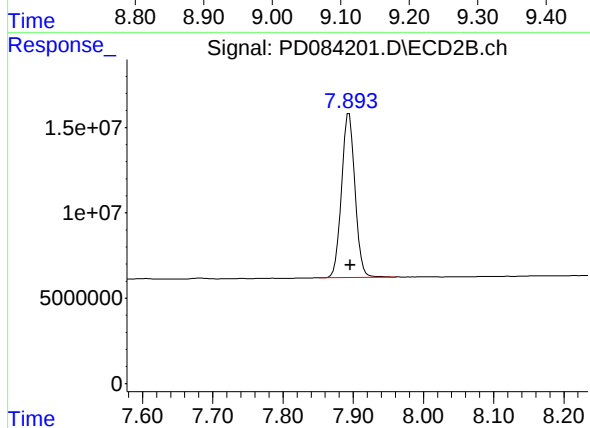
#27 Chlordane-5

R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 2312691  
Conc: 8.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: -0.002 min  
Response: 40642510  
Conc: 17.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: -0.002 min  
Response: 127610763  
Conc: 19.87 ng/ml