

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080122\  
 Data File : PD071250.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2022 12:59  
 Operator : AR\AJ  
 Sample : N3970-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 23:57:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 2.816  | 3.575  | 50645949 | 551.5E6  | 17.858 | 19.592   |
| 28)                         | SA Decachlor... | 8.019  | 9.106  | 42080582 | 165.2E6  | 15.172 | 15.954   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.316  | 4.066f | 713000   | 69043    | 0.170  | 0.002 #  |
| 3)                          | MA gamma-BHC... | 3.666  | 4.381  | 1773853  | 4743204  | 0.443  | 0.158 #  |
| 4)                          | MA Heptachlor   | 0.000  | 4.943  | 0        | 949163   | N.D.   | 0.045 #  |
| 5)                          | MB Aldrin       | 4.262f | 5.304  | 10488984 | 1127371  | 2.572  | 0.064 #  |
| 6)                          | B beta-BHC      | 3.973  | 4.583  | 7493915  | 82002993 | 4.387  | 6.923 #  |
| 7)                          | B delta-BHC     | 4.187  | 4.850f | 4202628  | 3938118  | 1.071  | 0.198 #  |
| 8)                          | B Heptachlo...  | 4.797  | 5.731  | 428185   | 3125835  | 0.117  | 0.239 #  |
| 9)                          | A Endosulfan I  | 5.199f | 6.125  | 4254348  | 1519369  | 1.242  | 0.111 #  |
| 11)                         | B alpha-Chl...  | 5.117  | 6.063  | 2082701  | 9188093  | 0.561  | 0.634    |
| 12)                         | B 4,4'-DDE      | 5.309  | 6.232  | 1281706  | 17363893 | 0.374  | 1.215 #  |
| 13)                         | MA Dieldrin     | 5.445  | 6.407  | 3329026  | 382535   | 0.919  | 0.026 #  |
| 14)                         | MA Endrin       | 5.715  | 0.000  | 161433   | 0        | 0.051  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.020  | 6.853  | 2040304  | 53255666 | 0.679  | 4.295 #  |
| 16)                         | A 4,4'-DDD      | 5.878  | 6.755  | 970197   | 45387977 | 0.340  | 3.816 #  |
| 17)                         | MA 4,4'-DDT     | 6.120  | 7.070  | 1457942  | 18103362 | 0.494  | 1.388 #  |
| 18)                         | B Endrin al...  | 6.212f | 6.976  | 378398   | 10687674 | 0.172  | 1.103 #  |
| 19)                         | B Endosulfa...  | 6.420  | 0.000  | 37974    | 0        | 0.013  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.677f | 0.000  | 235602   | 0        | 0.143  | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.722  | 0        | 3376333  | N.D.   | 0.252 #  |
| 23)                         | Chlordane-1     | 3.845  | 0.000  | 3382769  | 0        | 31.506 | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.280  | 0        | 7594624  | N.D.   | 12.679 # |
| 26)                         | Chlordane-4     | 5.117  | 6.063  | 2082701  | 9188093  | 6.565  | 4.215 #  |
| 27)                         | Chlordane-5     | 6.020  | 6.950f | 2040304  | 3116745  | 16.875 | 6.891 #  |
| -----                       |                 |        |        |          |          |        |          |

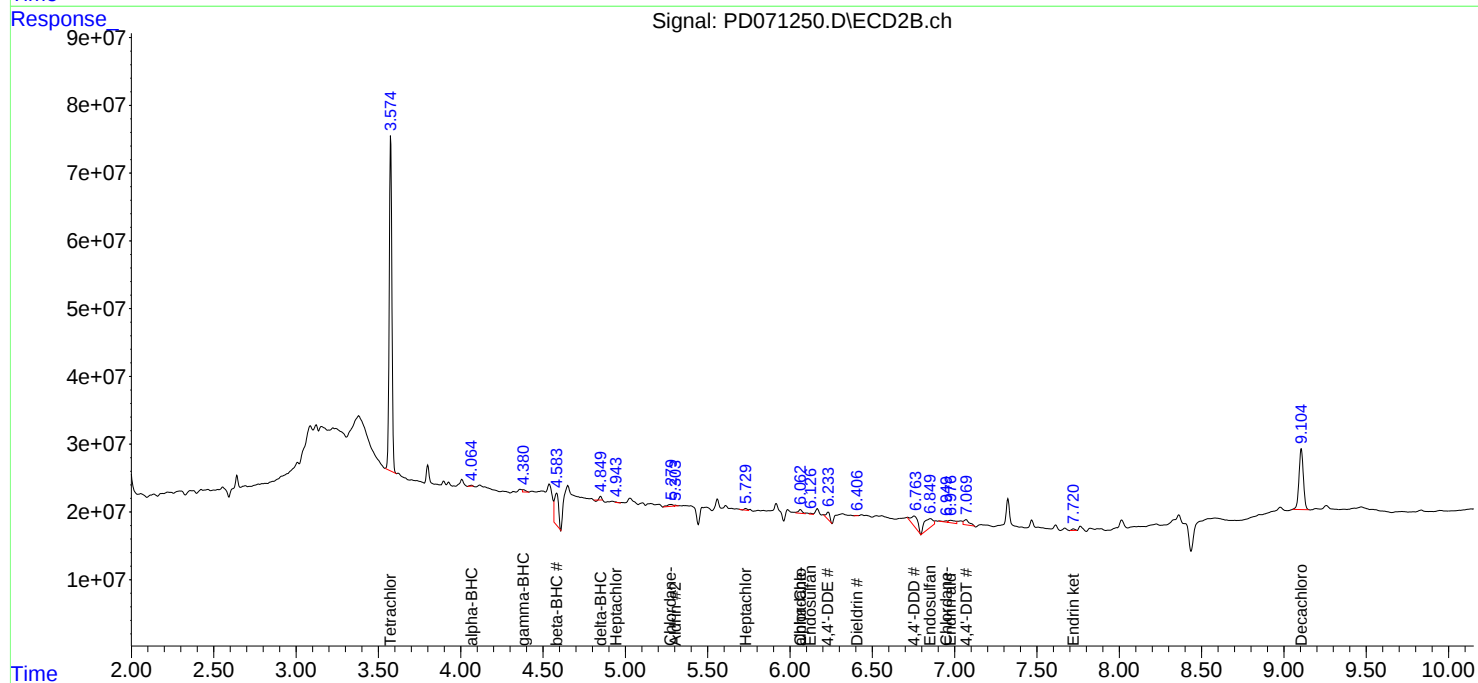
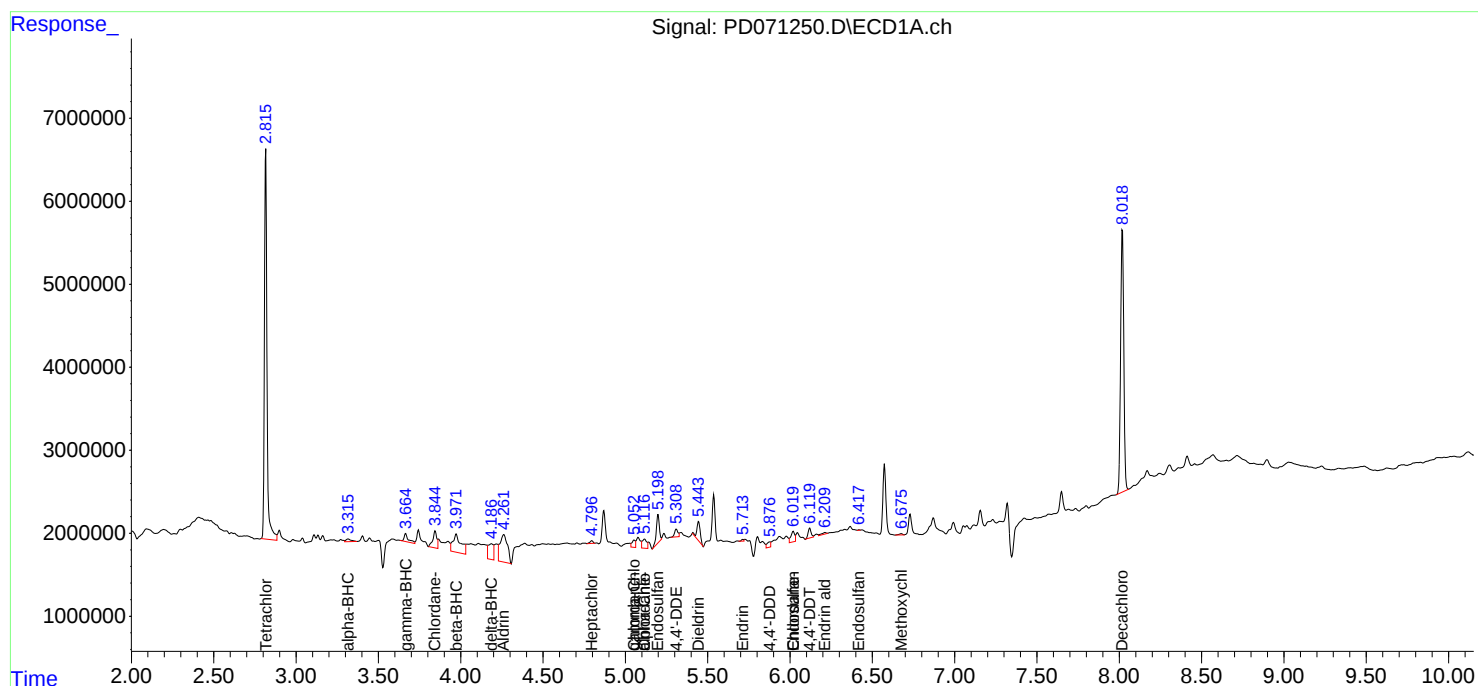
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

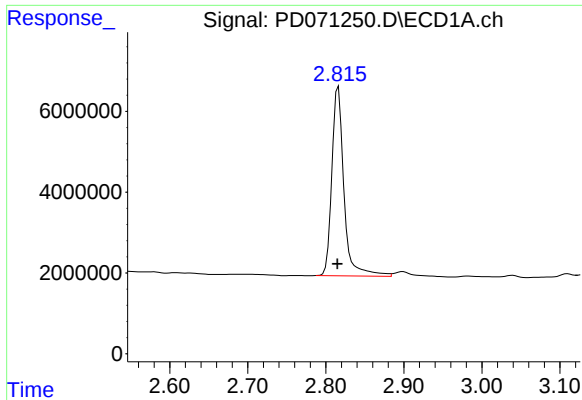
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080122\  
Data File : PD071250.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2022 12:59  
Operator : AR\AJ  
Sample : N3970-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 23:57:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
Quant Title : GC Extractables  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

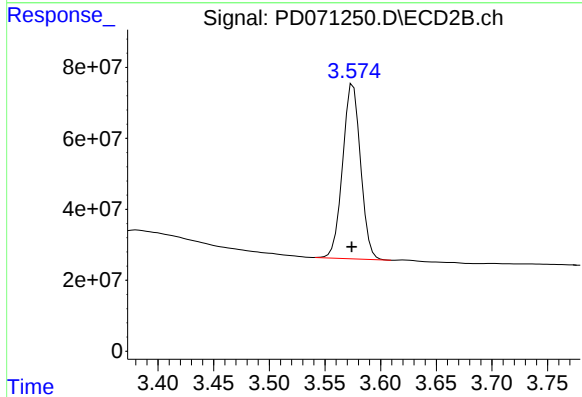




#1 Tetrachloro-m-xylene

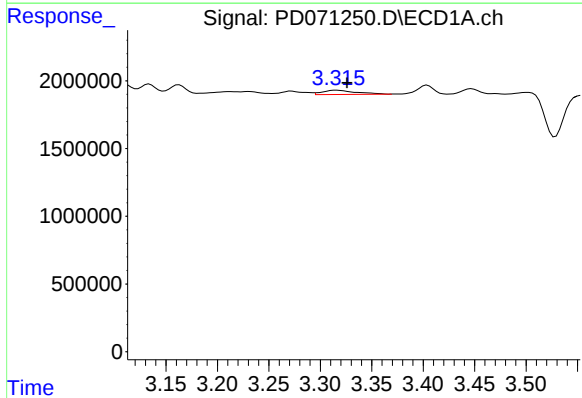
R.T.: 2.816 min  
Delta R.T.: 0.001 min  
Response: 50645949  
Conc: 17.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



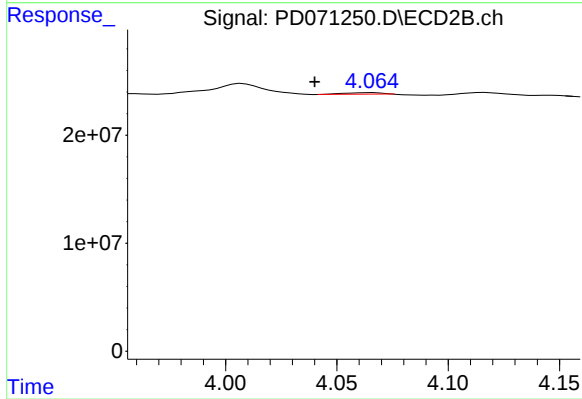
#1 Tetrachloro-m-xylene

R.T.: 3.575 min  
Delta R.T.: 0.001 min  
Response: 551508686  
Conc: 19.59 ng/ml



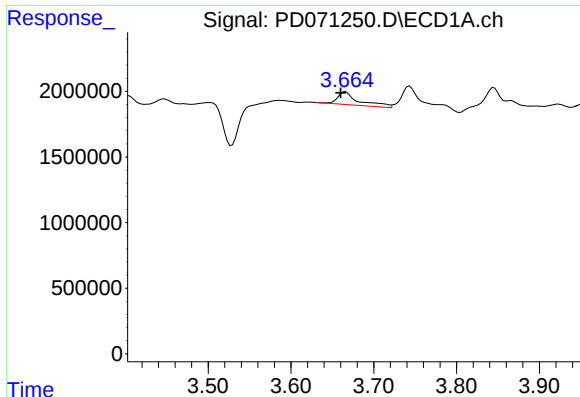
#2 alpha-BHC

R.T.: 3.316 min  
Delta R.T.: -0.010 min  
Response: 713000  
Conc: 0.17 ng/ml



#2 alpha-BHC

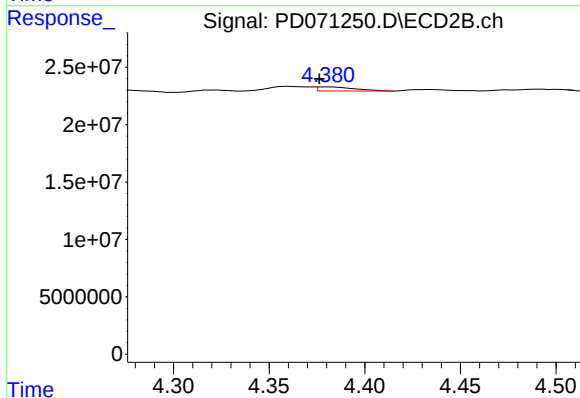
R.T.: 4.066 min  
Delta R.T.: 0.026 min  
Response: 69043  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

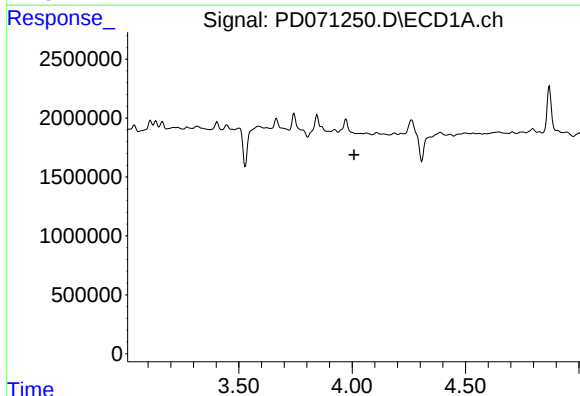
R.T.: 3.666 min  
Delta R.T.: 0.006 min  
Response: 1773853  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



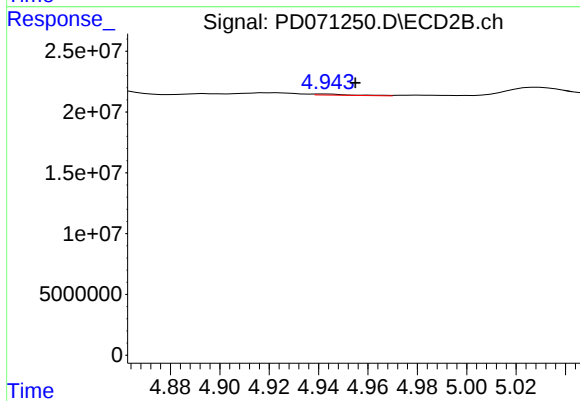
#3 gamma-BHC (Lindane)

R.T.: 4.381 min  
Delta R.T.: 0.005 min  
Response: 4743204  
Conc: 0.16 ng/ml



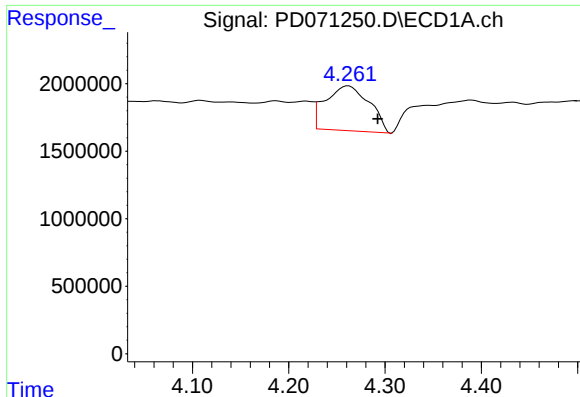
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.008 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

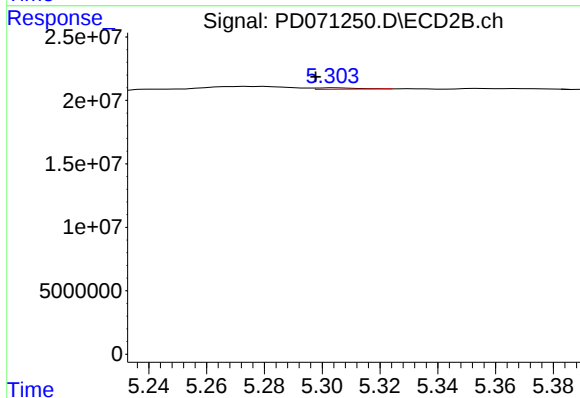
R.T.: 4.943 min  
Delta R.T.: -0.012 min  
Response: 949163  
Conc: 0.04 ng/ml



#5 Aldrin

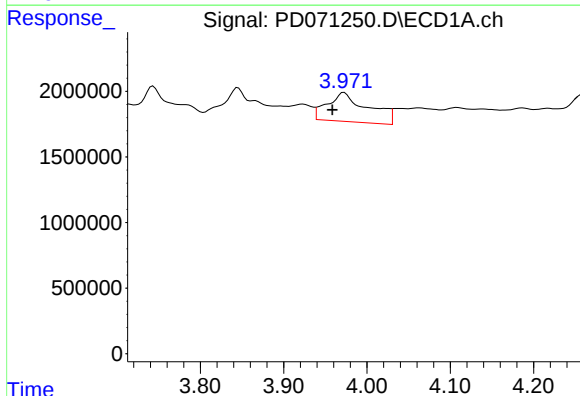
R.T.: 4.262 min  
Delta R.T.: -0.030 min  
Response: 10488984  
Conc: 2.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



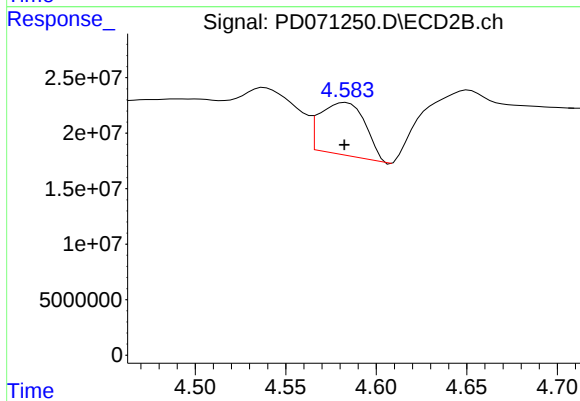
#5 Aldrin

R.T.: 5.304 min  
Delta R.T.: 0.006 min  
Response: 1127371  
Conc: 0.06 ng/ml



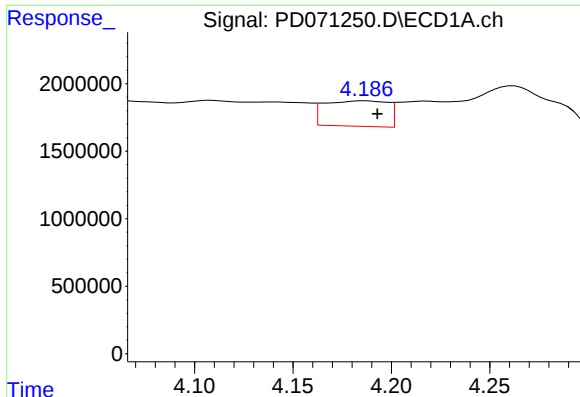
#6 beta-BHC

R.T.: 3.973 min  
Delta R.T.: 0.014 min  
Response: 7493915  
Conc: 4.39 ng/ml



#6 beta-BHC

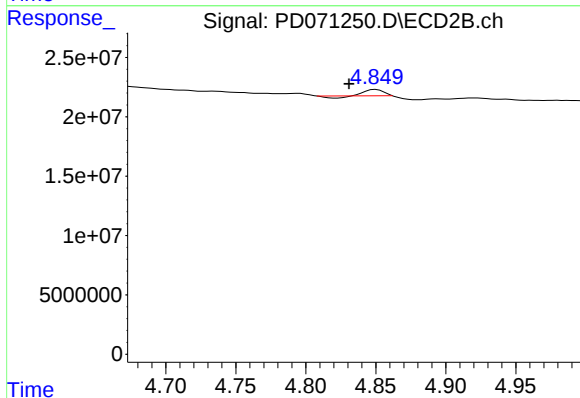
R.T.: 4.583 min  
Delta R.T.: 0.001 min  
Response: 82002993  
Conc: 6.92 ng/ml



#7 delta-BHC

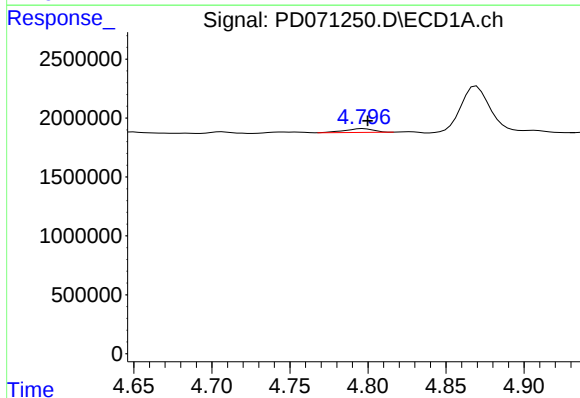
R.T.: 4.187 min  
Delta R.T.: -0.006 min  
Response: 4202628  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



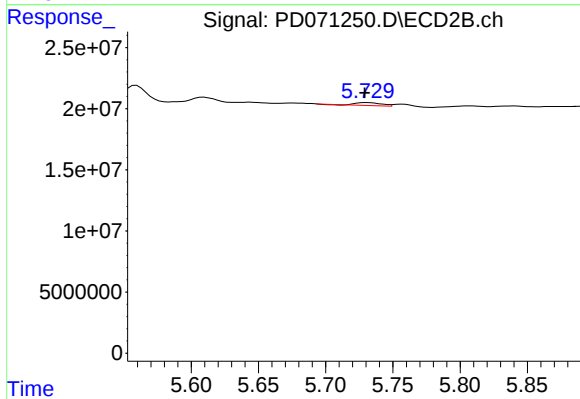
#7 delta-BHC

R.T.: 4.850 min  
Delta R.T.: 0.019 min  
Response: 3938118  
Conc: 0.20 ng/ml



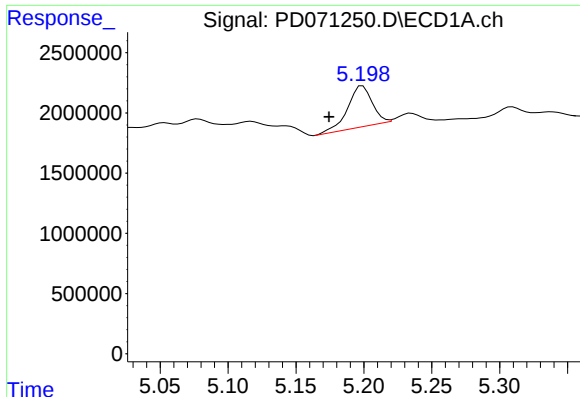
#8 Heptachlor epoxide

R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 428185  
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

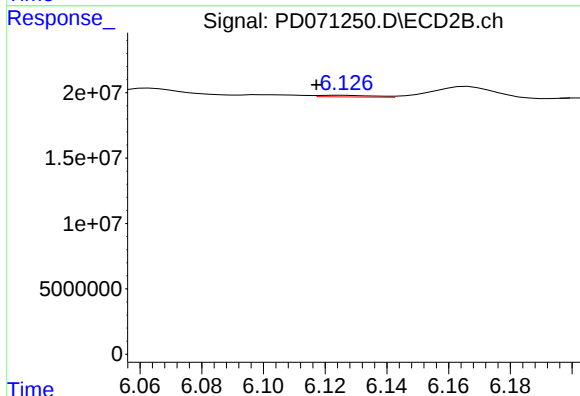
R.T.: 5.731 min  
Delta R.T.: 0.001 min  
Response: 3125835  
Conc: 0.24 ng/ml



#9 Endosulfan I

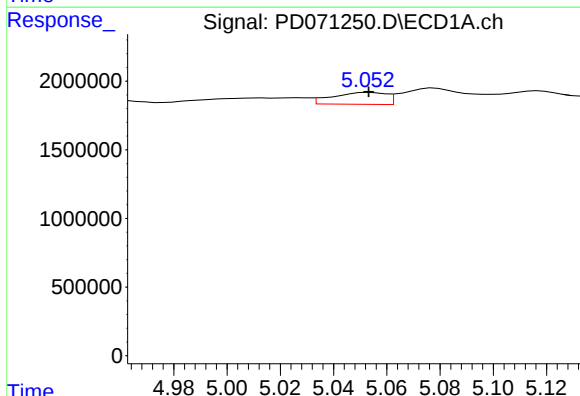
R.T.: 5.199 min  
Delta R.T.: 0.025 min  
Response: 4254348  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



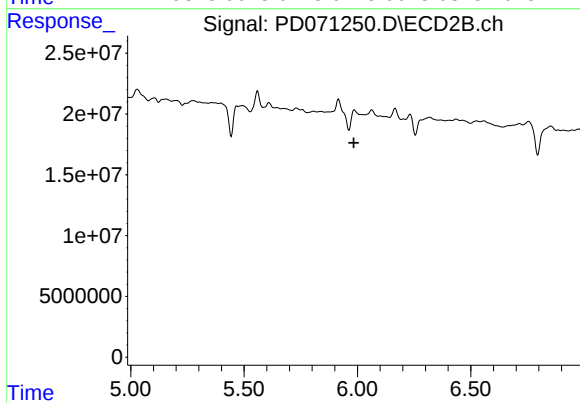
#9 Endosulfan I

R.T.: 6.125 min  
Delta R.T.: 0.008 min  
Response: 1519369  
Conc: 0.11 ng/ml



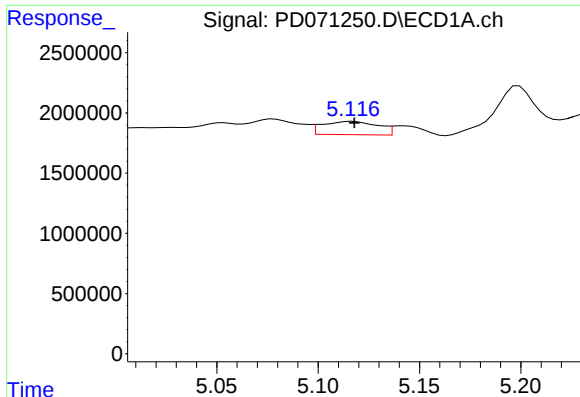
#10 gamma-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 1211268  
Conc: 0.32 ng/ml



#10 gamma-Chlordane

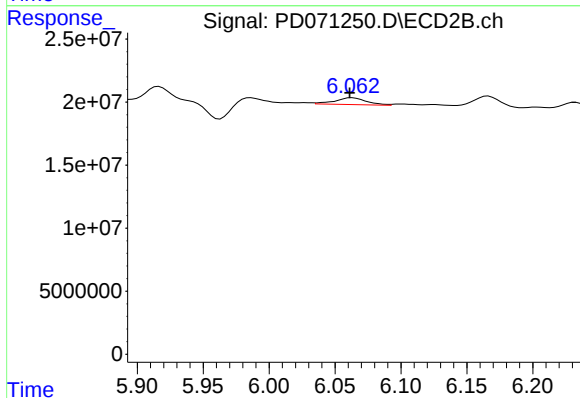
R.T.: 5.986 min  
Delta R.T.: 0.003 min  
Response: -9171530  
Conc: N.D.



#11 alpha-Chlordane

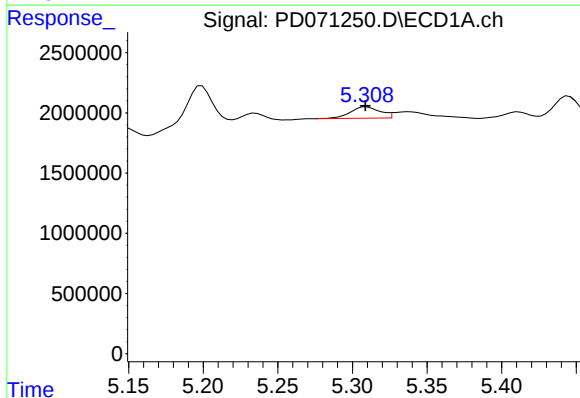
R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 2082701  
Conc: 0.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



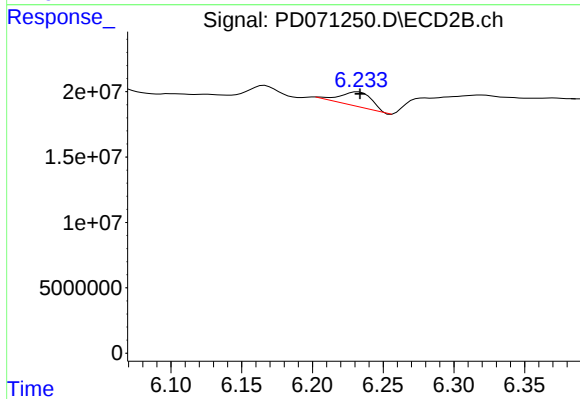
#11 alpha-Chlordane

R.T.: 6.063 min  
Delta R.T.: 0.002 min  
Response: 9188093  
Conc: 0.63 ng/ml



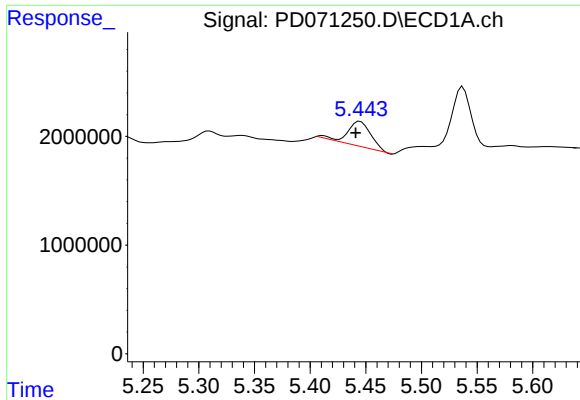
#12 4,4'-DDE

R.T.: 5.309 min  
Delta R.T.: 0.000 min  
Response: 1281706  
Conc: 0.37 ng/ml



#12 4,4'-DDE

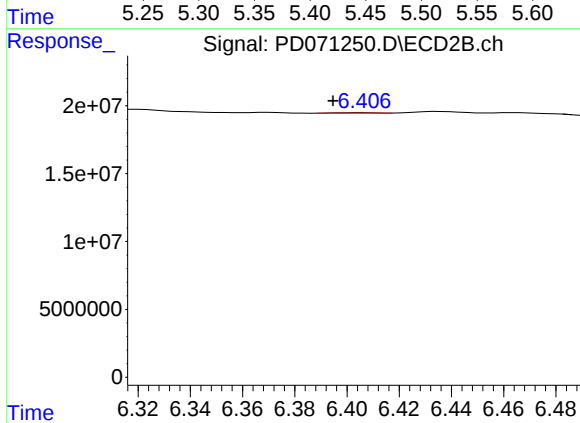
R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 17363893  
Conc: 1.21 ng/ml



#13 Dieldrin

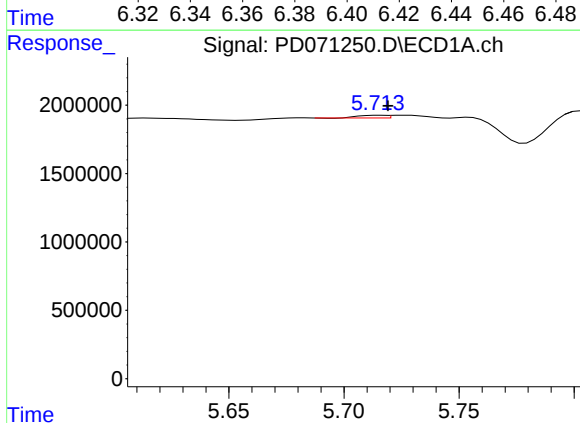
R.T.: 5.445 min  
Delta R.T.: 0.004 min  
Response: 3329026  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



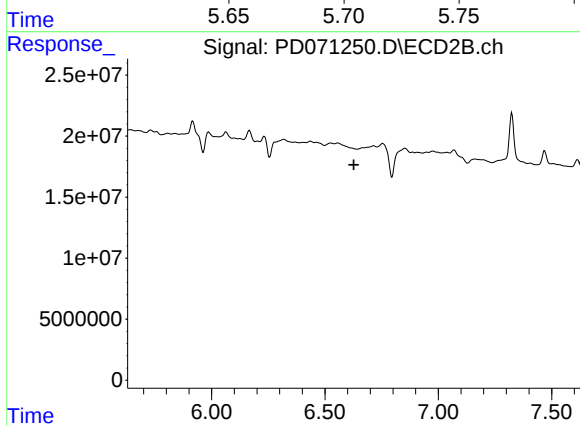
#13 Dieldrin

R.T.: 6.407 min  
Delta R.T.: 0.013 min  
Response: 382535  
Conc: 0.03 ng/ml



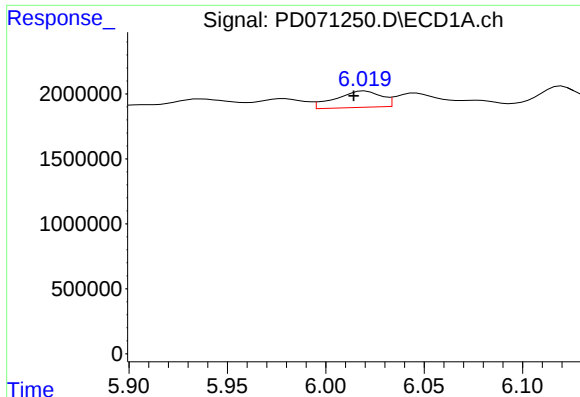
#14 Endrin

R.T.: 5.715 min  
Delta R.T.: -0.004 min  
Response: 161433  
Conc: 0.05 ng/ml



#14 Endrin

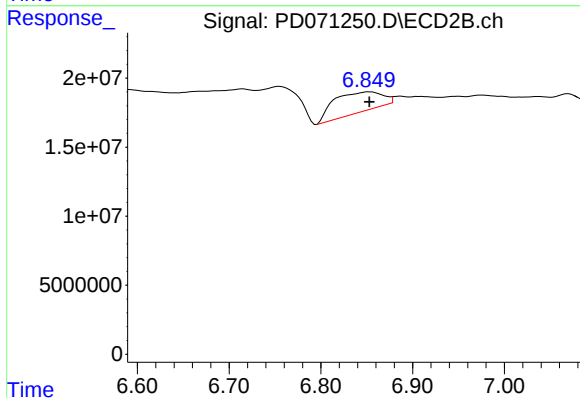
R.T.: 0.000 min  
Exp R.T.: 6.628 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

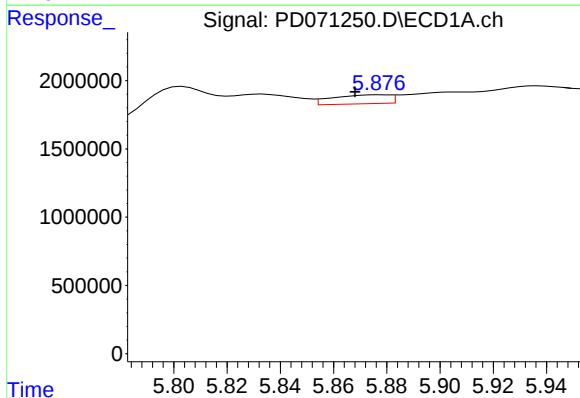
R.T.: 6.020 min  
Delta R.T.: 0.006 min  
Response: 2040304  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



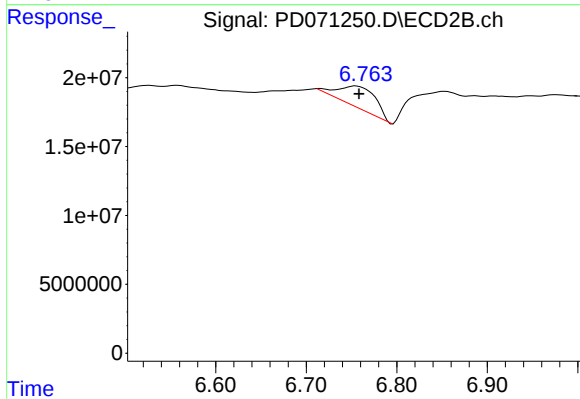
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 53255666  
Conc: 4.30 ng/ml



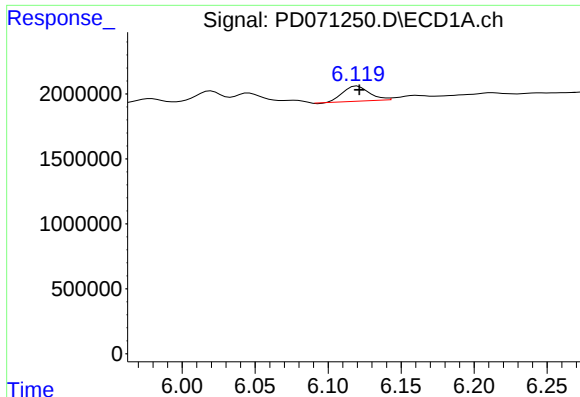
#16 4,4'-DDD

R.T.: 5.878 min  
Delta R.T.: 0.010 min  
Response: 970197  
Conc: 0.34 ng/ml



#16 4,4'-DDD

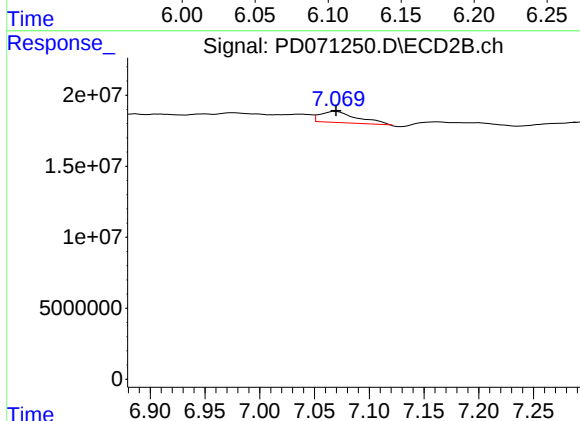
R.T.: 6.755 min  
Delta R.T.: -0.004 min  
Response: 45387977  
Conc: 3.82 ng/ml



#17 4,4'-DDT

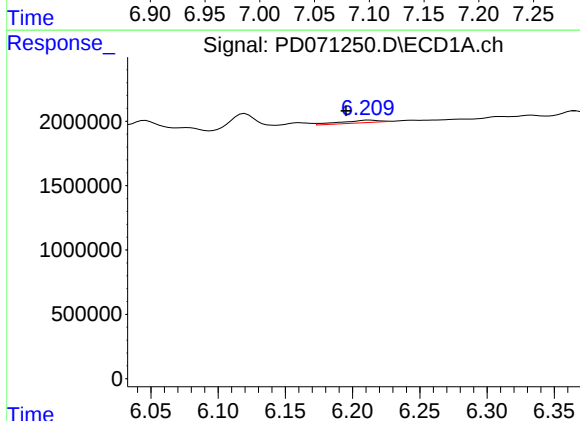
R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 1457942  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



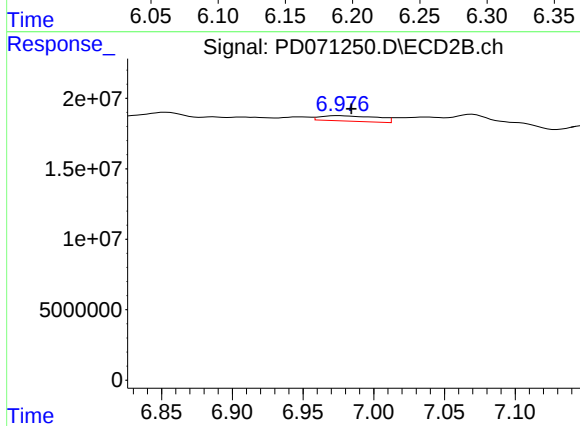
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 18103362  
Conc: 1.39 ng/ml



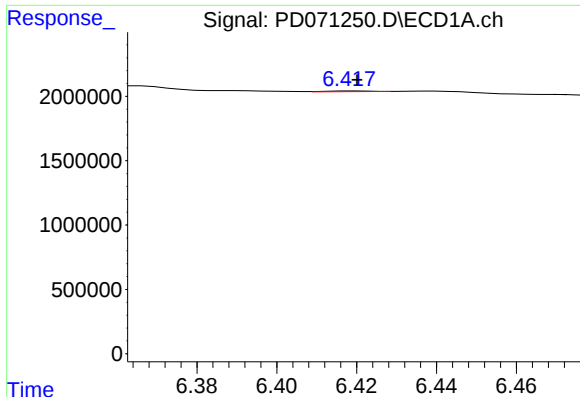
#18 Endrin aldehyde

R.T.: 6.212 min  
Delta R.T.: 0.017 min  
Response: 378398  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

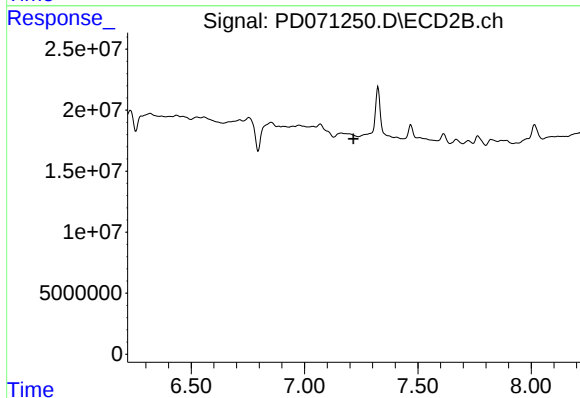
R.T.: 6.976 min  
Delta R.T.: -0.008 min  
Response: 10687674  
Conc: 1.10 ng/ml



#19 Endosulfan Sulfate

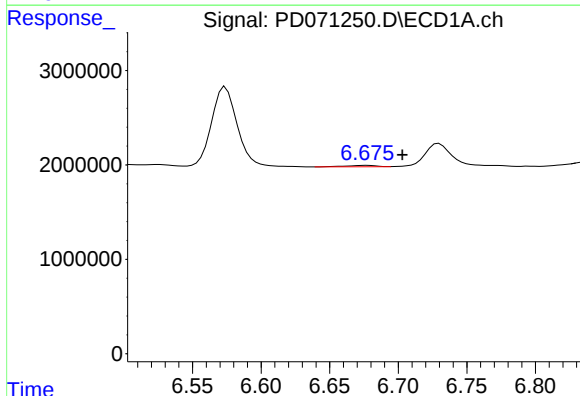
R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 37974  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



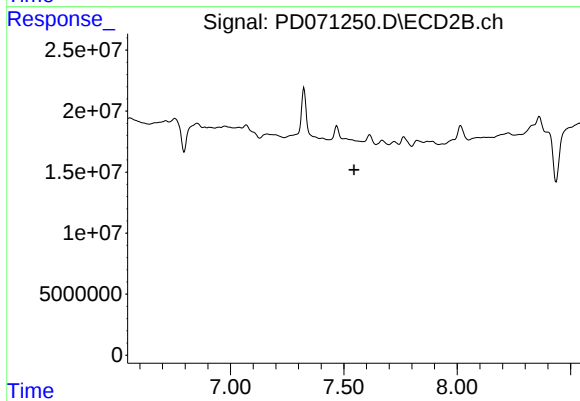
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.217 min  
Response: 0  
Conc: N.D.



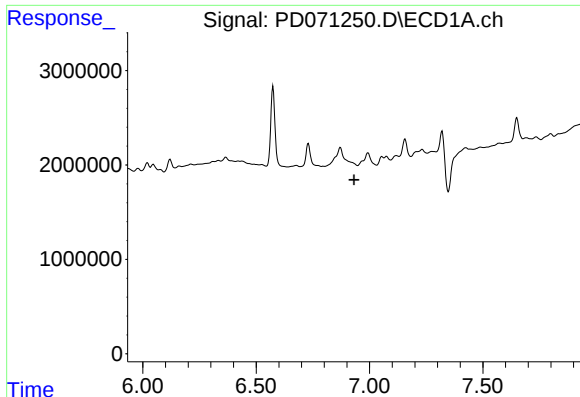
#20 Methoxychlor

R.T.: 6.677 min  
Delta R.T.: -0.026 min  
Response: 235602  
Conc: 0.14 ng/ml



#20 Methoxychlor

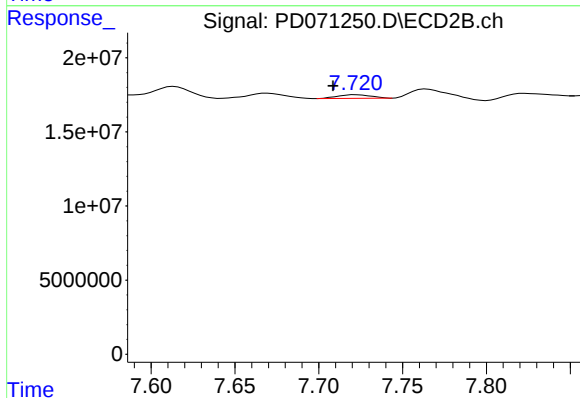
R.T.: 0.000 min  
Exp R.T. : 7.545 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

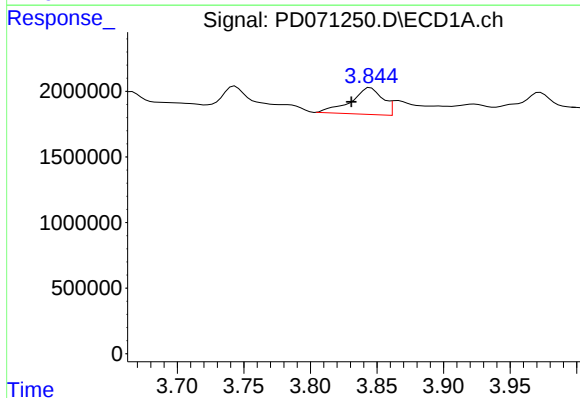
R.T.: 0.000 min  
Exp R.T.: 6.931 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



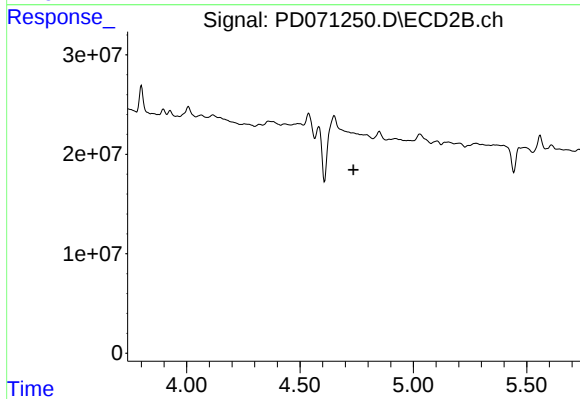
#21 Endrin ketone

R.T.: 7.722 min  
Delta R.T.: 0.014 min  
Response: 3376333  
Conc: 0.25 ng/ml



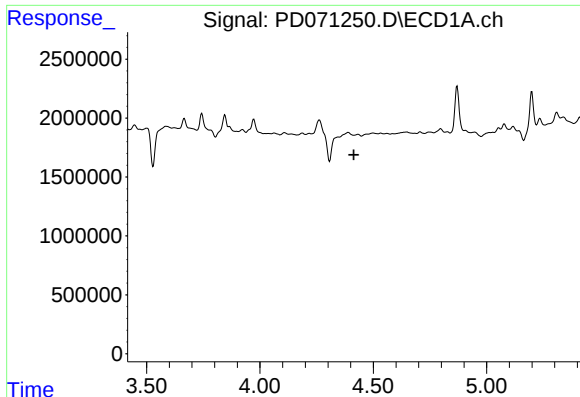
#23 Chlordane-1

R.T.: 3.845 min  
Delta R.T.: 0.015 min  
Response: 3382769  
Conc: 31.51 ng/ml



#23 Chlordane-1

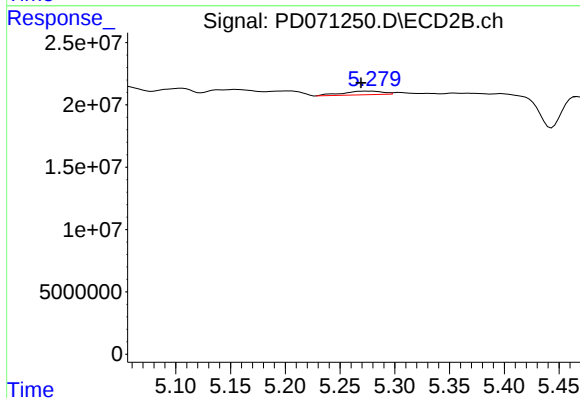
R.T.: 0.000 min  
Exp R.T.: 4.736 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

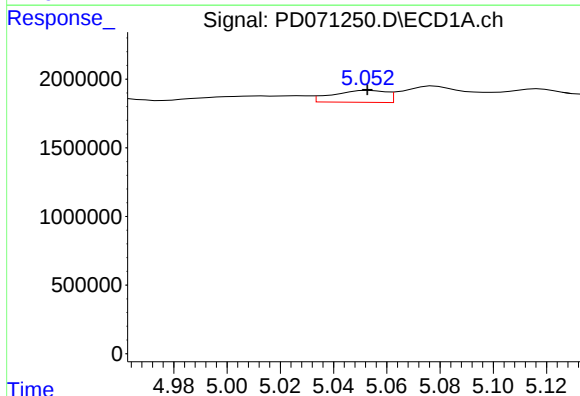
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



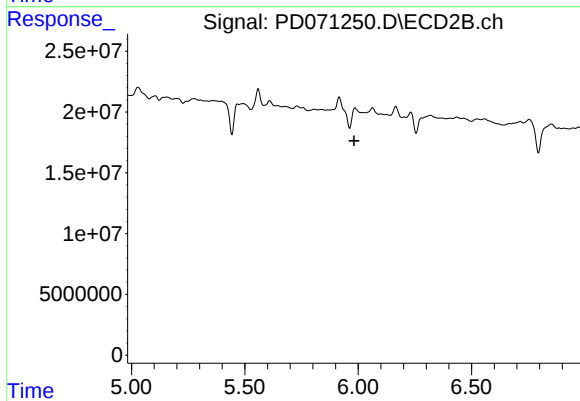
#24 Chlordane-2

R.T.: 5.280 min  
Delta R.T.: 0.011 min  
Response: 7594624  
Conc: 12.68 ng/ml



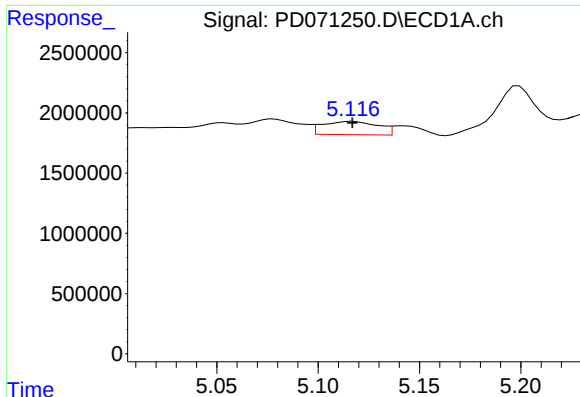
#25 Chlordane-3

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 1211268  
Conc: 3.55 ng/ml



#25 Chlordane-3

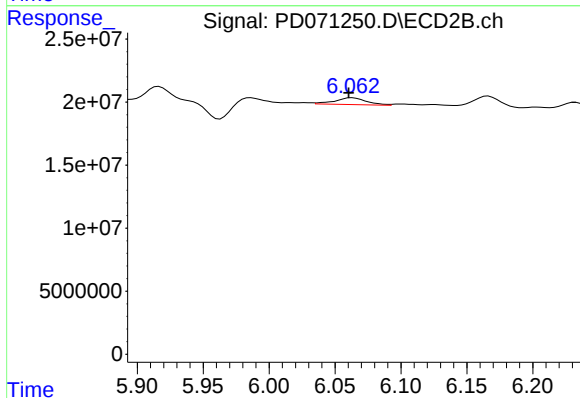
R.T.: 5.986 min  
Delta R.T.: 0.004 min  
Response: -9171530  
Conc: N.D.



#26 Chlordane-4

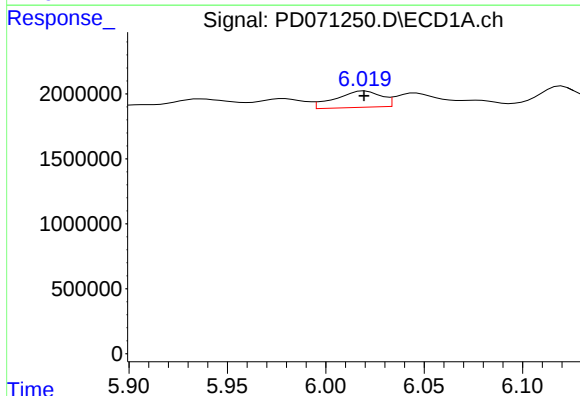
R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 2082701  
Conc: 6.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



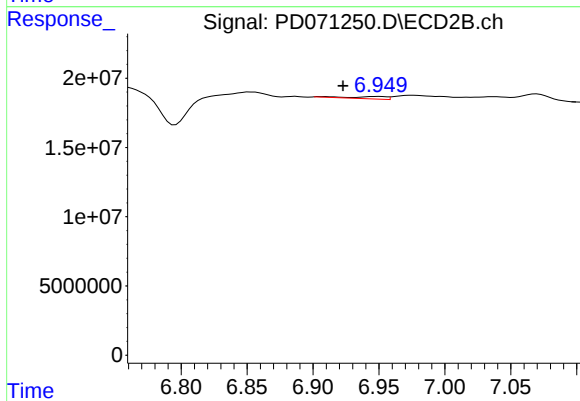
#26 Chlordane-4

R.T.: 6.063 min  
Delta R.T.: 0.003 min  
Response: 9188093  
Conc: 4.22 ng/ml



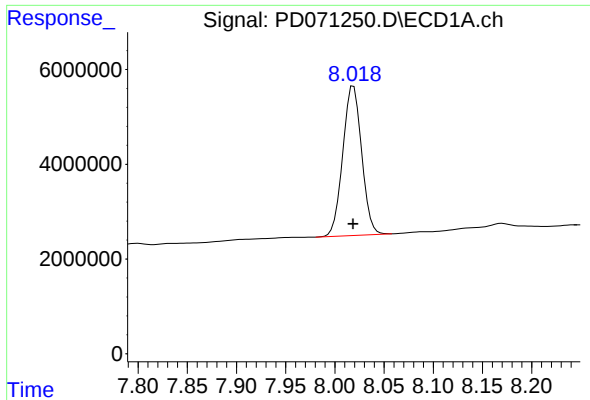
#27 Chlordane-5

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 2040304  
Conc: 16.87 ng/ml



#27 Chlordane-5

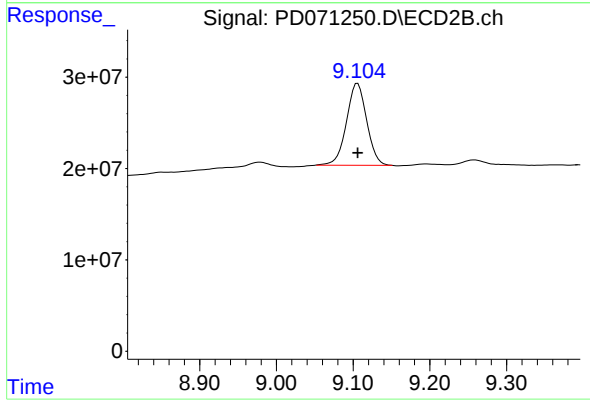
R.T.: 6.950 min  
Delta R.T.: 0.027 min  
Response: 3116745  
Conc: 6.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.019 min  
Delta R.T.: 0.000 min  
Response: 42080582  
Conc: 15.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: 0.000 min  
Response: 165170122  
Conc: 15.95 ng/ml