

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091422\  
 Data File : PD071876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2022 17:37  
 Operator : AR\AJ  
 Sample : N4578-23  
 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: Sep 14 05:01:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 10 22:11:50 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... | 2.804  | 3.562  | 50044388 | 646.0E6  | 20.466 | 22.513  |
| 28)                         | SA Decachlor... | 7.995  | 9.089  | 37711466 | 163.6E6  | 14.969 | 17.597  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.301  | 4.022  | 2832815  | 18551328 | 0.735  | 0.462 # |
| 3)                          | MA gamma-BHC... | 3.653  | 4.362  | 73091    | 5095278  | 0.021  | 0.155 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.967f | 0        | 1313168  | N.D.   | 0.054 # |
| 5)                          | MB Aldrin       | 4.278  | 5.282  | 168618   | 606628   | 0.046  | 0.030 # |
| 6)                          | B beta-BHC      | 3.957  | 4.575  | 365507   | 10717977 | 0.241  | 0.811 # |
| 8)                          | B Heptachlo...  | 4.749f | 5.708  | 233011   | 6659858  | 0.071  | 0.432 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.096  | 0        | 3585037  | N.D.   | 0.243 # |
| 10)                         | B gamma-Chl...  | 5.035  | 5.973  | 404816   | 9490386  | 0.120  | 0.591 # |
| 11)                         | B alpha-Chl...  | 5.098  | 6.047  | 337933   | 7456920  | 0.102  | 0.478 # |
| 12)                         | B 4,4'-DDE      | 5.291  | 6.221  | 283328   | 6868067  | 0.093  | 0.466 # |
| 13)                         | MA Dieldrin     | 5.424  | 6.370  | 800691   | 13687274 | 0.239  | 0.903 # |
| 14)                         | MA Endrin       | 5.709  | 6.596f | 1280193  | 3199063  | 0.432  | 0.253 # |
| 15)                         | B Endosulfa...  | 5.991  | 6.813f | 544099   | 5946096  | 0.198  | 0.480 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.745  | 0        | 18289216 | N.D.   | 1.539 # |
| 17)                         | MA 4,4'-DDT     | 6.096  | 7.056  | 5456343  | 1708674  | 2.073  | 0.138 # |
| 18)                         | B Endrin al...  | 6.195f | 6.971  | 2067432  | 2593594  | 0.935  | 0.269 # |
| 19)                         | B Endosulfa...  | 6.398  | 0.000  | 3469914  | 0        | 1.294  | N.D. #  |
| 20)                         | A Methoxychlor  | 6.656f | 0.000  | 8141680  | 0        | 5.437  | N.D. #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.698  | 0        | 18203144 | N.D.   | 1.464 # |
| 22)                         | Mirex           | 7.099  | 0.000  | 466535   | 0        | 0.198  | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 5.247  | 0        | 41649    | N.D.   | 0.060 # |
| 25)                         | Chlordane-3     | 5.035  | 5.973  | 404816   | 9490386  | 1.191  | 4.320 # |
| 26)                         | Chlordane-4     | 5.098  | 6.047  | 337933   | 7456920  | 1.076  | 2.902 # |
| 27)                         | Chlordane-5     | 5.991  | 0.000  | 544099   | 0        | 4.361  | N.D. #  |
| -----                       |                 |        |        |          |          |        |         |

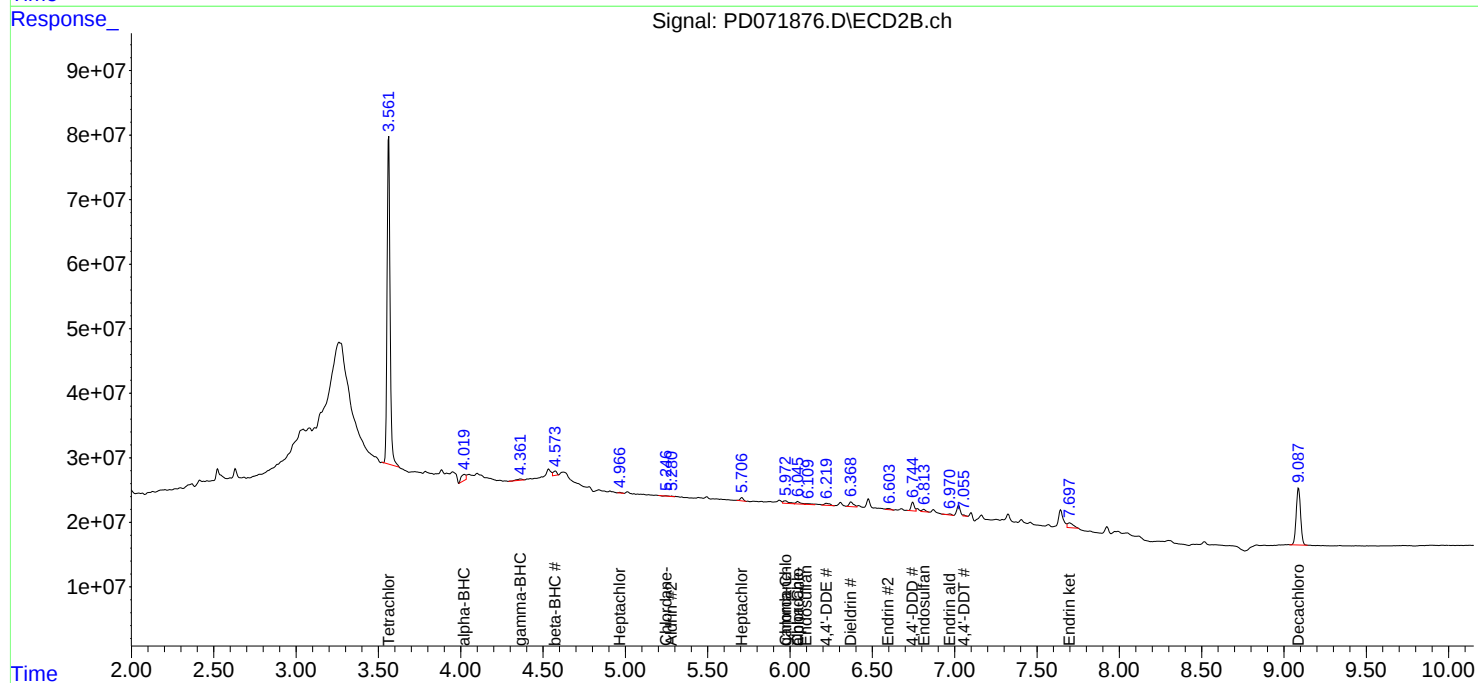
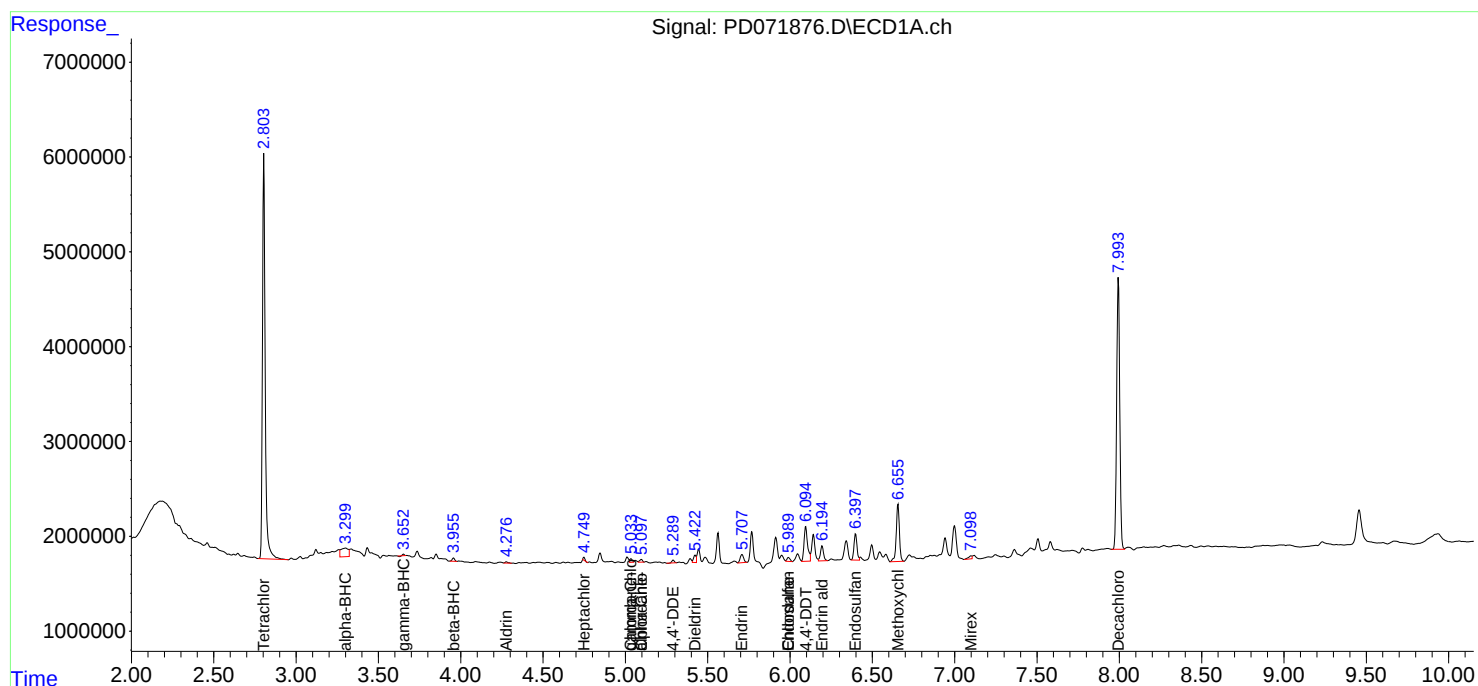
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

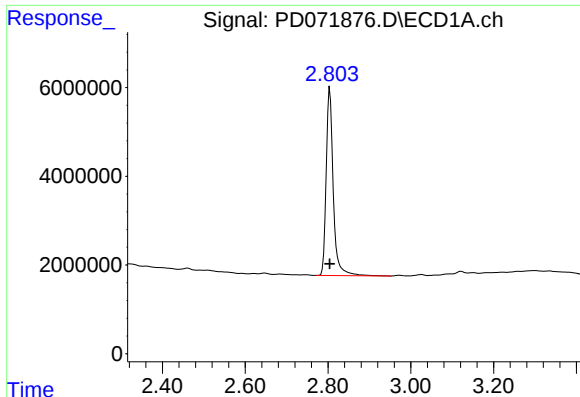
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091422\  
Data File : PD071876.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2022 17:37  
Operator : AR\AJ  
Sample : N4578-23  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 05:01:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 10 22:11:50 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

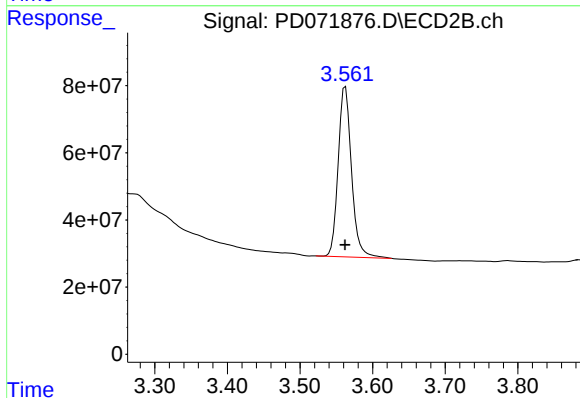




#1 Tetrachloro-m-xylene

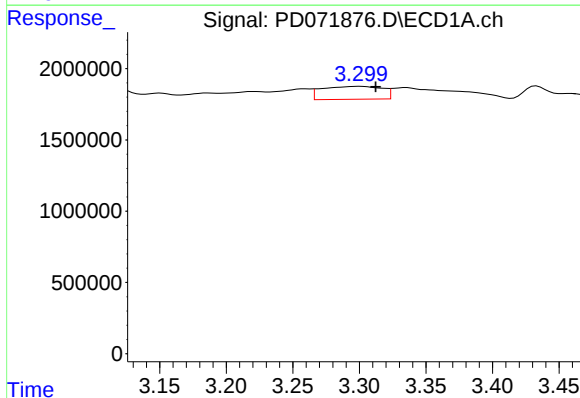
R.T.: 2.804 min  
Delta R.T.: 0.000 min  
Response: 50044388  
Conc: 20.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



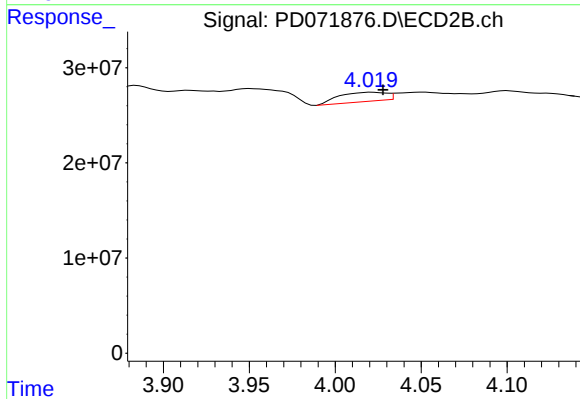
#1 Tetrachloro-m-xylene

R.T.: 3.562 min  
Delta R.T.: 0.000 min  
Response: 646035660  
Conc: 22.51 ng/ml



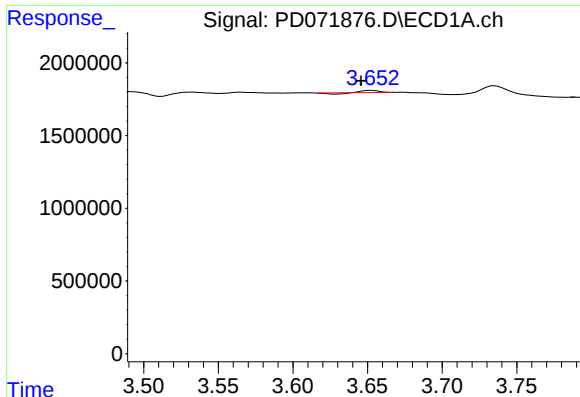
#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.011 min  
Response: 2832815  
Conc: 0.74 ng/ml



#2 alpha-BHC

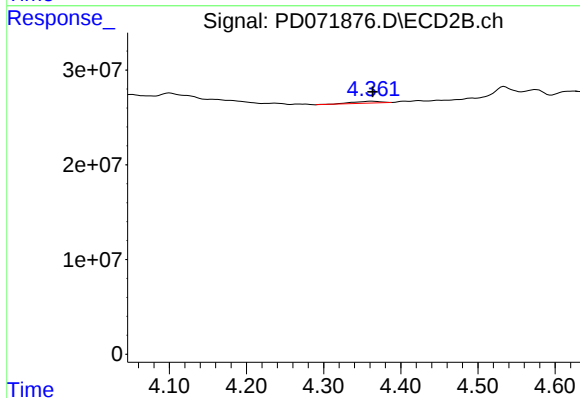
R.T.: 4.022 min  
Delta R.T.: -0.006 min  
Response: 18551328  
Conc: 0.46 ng/ml



#3 gamma-BHC (Lindane)

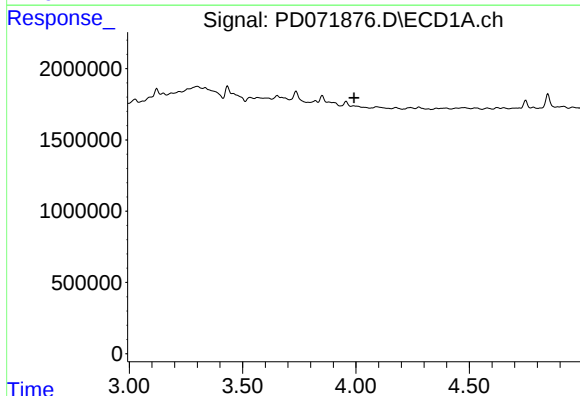
R.T.: 3.653 min  
Delta R.T.: 0.007 min  
Response: 73091  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



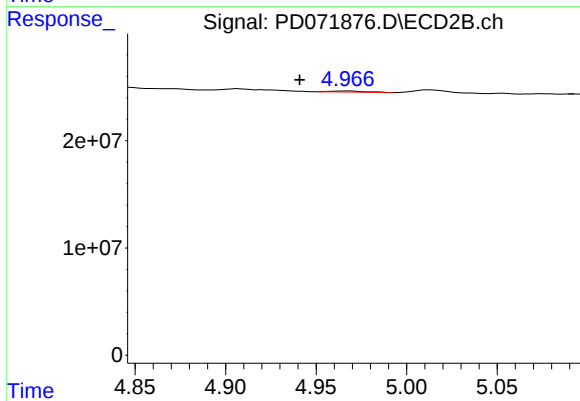
#3 gamma-BHC (Lindane)

R.T.: 4.362 min  
Delta R.T.: -0.001 min  
Response: 5095278  
Conc: 0.16 ng/ml



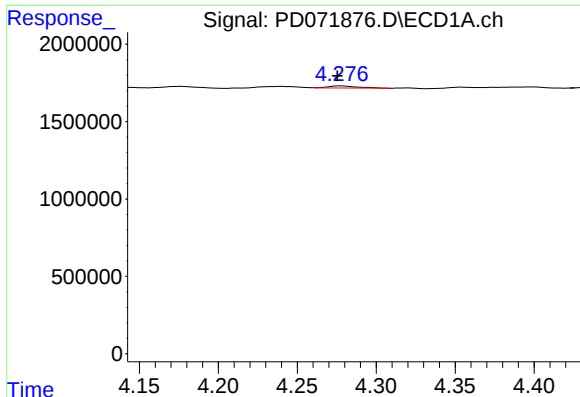
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 3.992 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

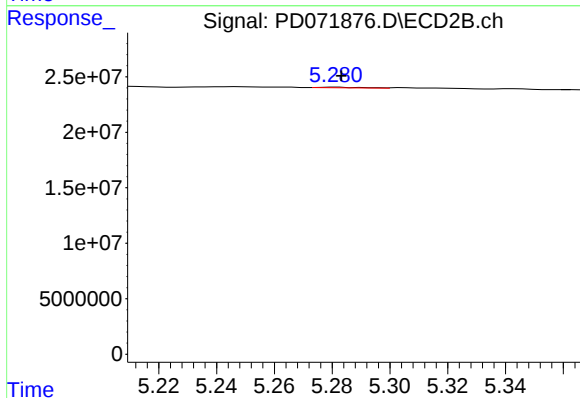
R.T.: 4.967 min  
Delta R.T.: 0.026 min  
Response: 1313168  
Conc: 0.05 ng/ml



#5 Aldrin

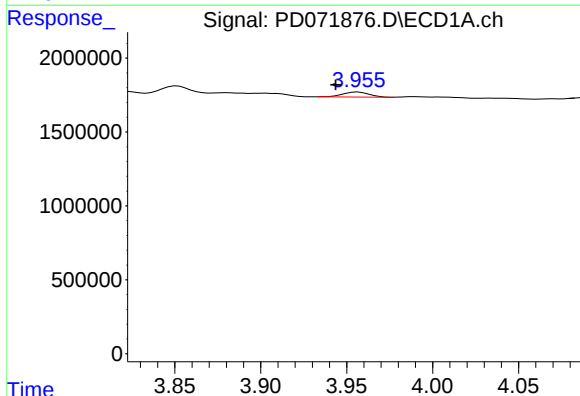
R.T.: 4.278 min  
Delta R.T.: 0.003 min  
Response: 168618  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



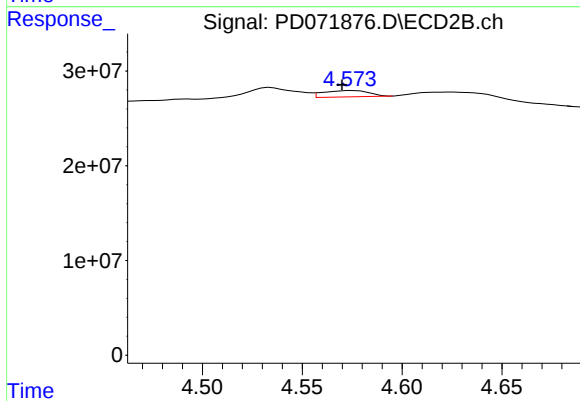
#5 Aldrin

R.T.: 5.282 min  
Delta R.T.: -0.002 min  
Response: 606628  
Conc: 0.03 ng/ml



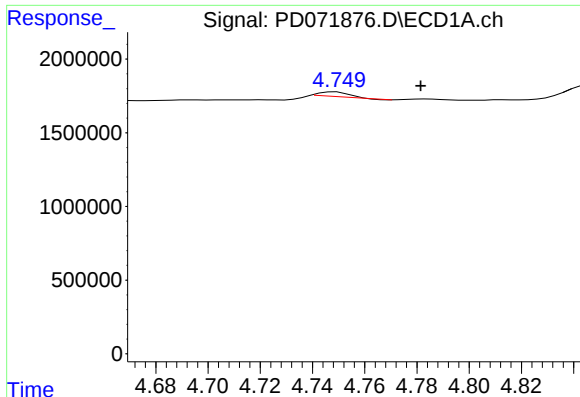
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: 0.013 min  
Response: 365507  
Conc: 0.24 ng/ml



#6 beta-BHC

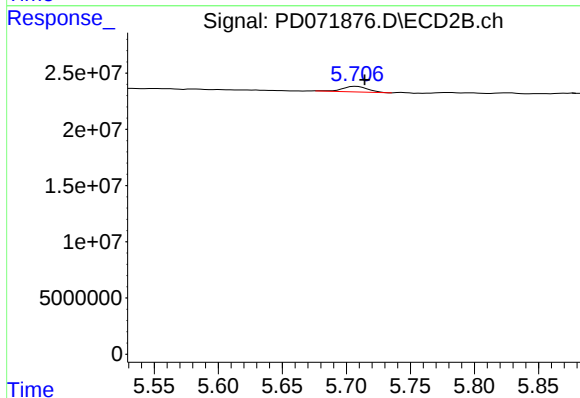
R.T.: 4.575 min  
Delta R.T.: 0.005 min  
Response: 10717977  
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

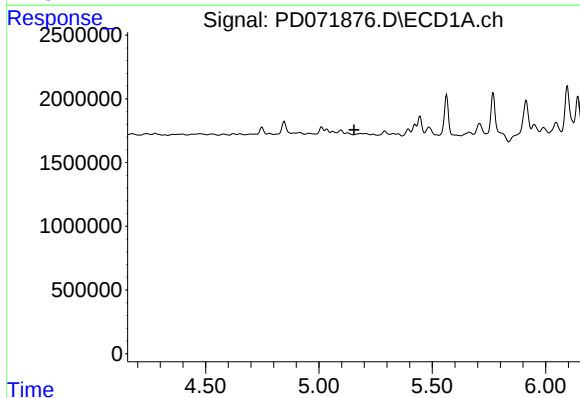
R.T.: 4.749 min  
Delta R.T.: -0.033 min  
Response: 233011  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



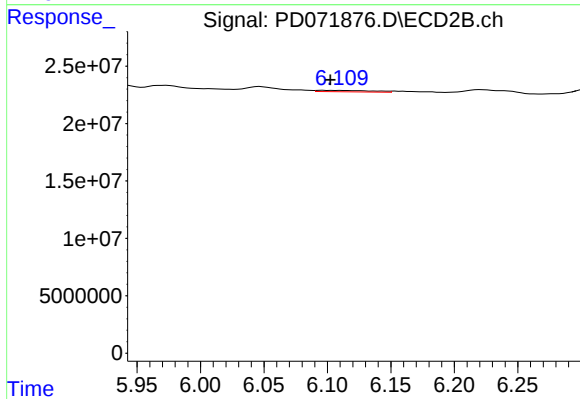
#8 Heptachlor epoxide

R.T.: 5.708 min  
Delta R.T.: -0.006 min  
Response: 6659858  
Conc: 0.43 ng/ml



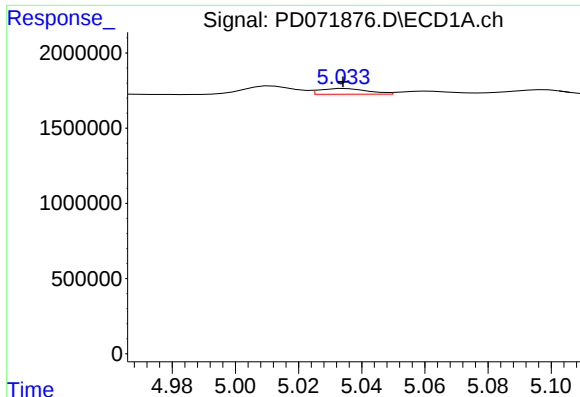
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.155 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

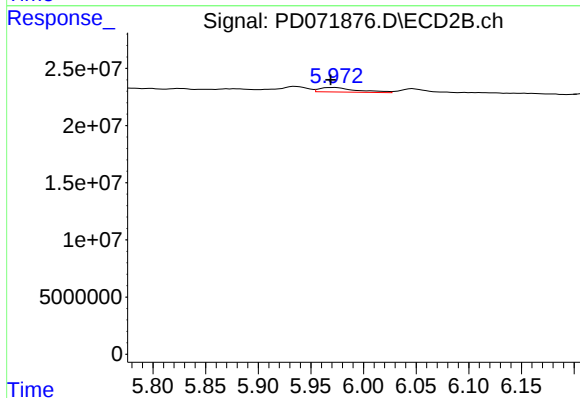
R.T.: 6.096 min  
Delta R.T.: -0.007 min  
Response: 3585037  
Conc: 0.24 ng/ml



#10 gamma-Chlordane

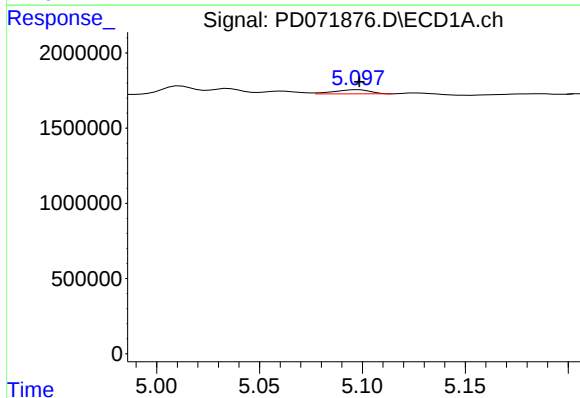
R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 404816  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



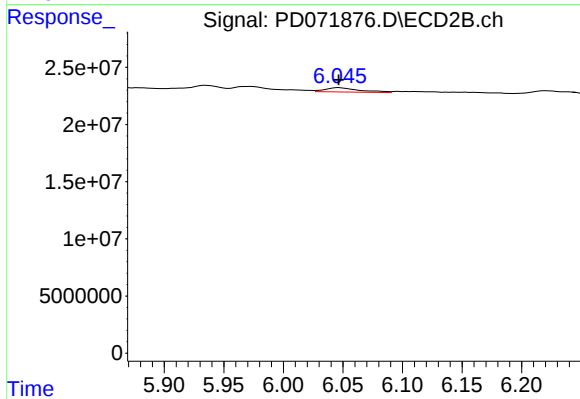
#10 gamma-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.004 min  
Response: 9490386  
Conc: 0.59 ng/ml



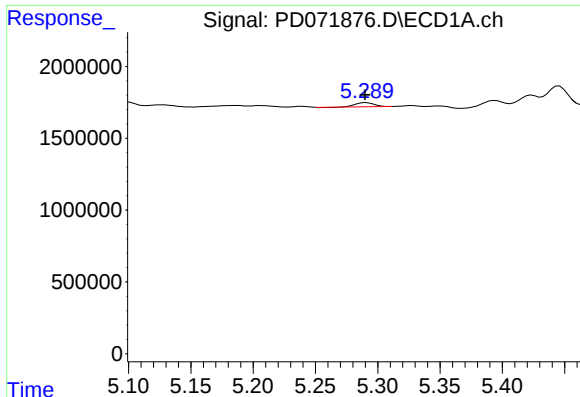
#11 alpha-Chlordane

R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 337933  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

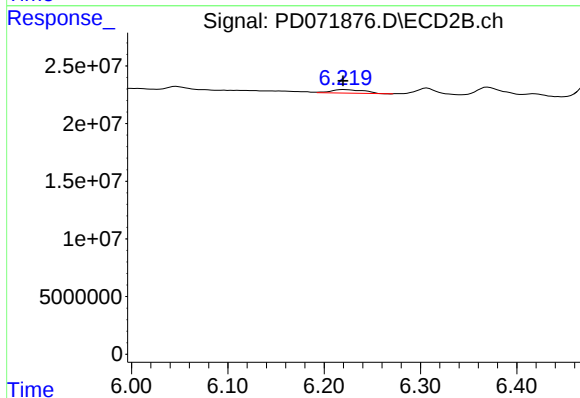
R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 7456920  
Conc: 0.48 ng/ml



#12 4,4'-DDE

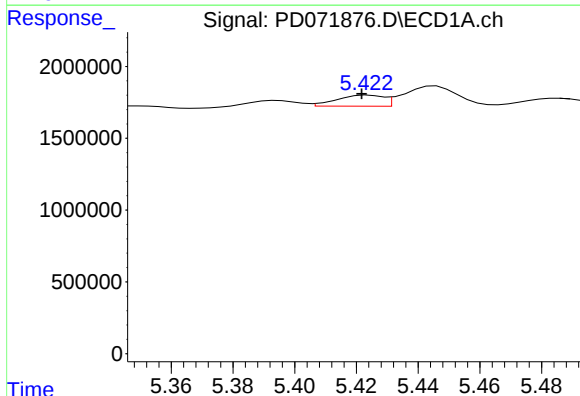
R.T.: 5.291 min  
Delta R.T.: 0.001 min  
Response: 283328  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



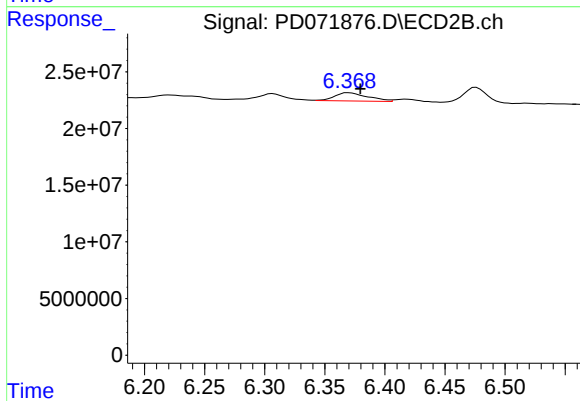
#12 4,4'-DDE

R.T.: 6.221 min  
Delta R.T.: 0.001 min  
Response: 6868067  
Conc: 0.47 ng/ml



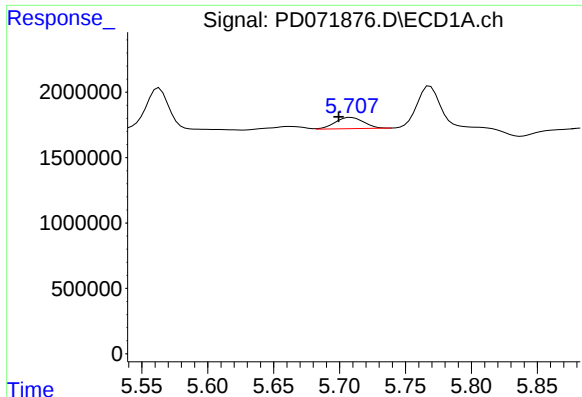
#13 Dieldrin

R.T.: 5.424 min  
Delta R.T.: 0.002 min  
Response: 800691  
Conc: 0.24 ng/ml



#13 Dieldrin

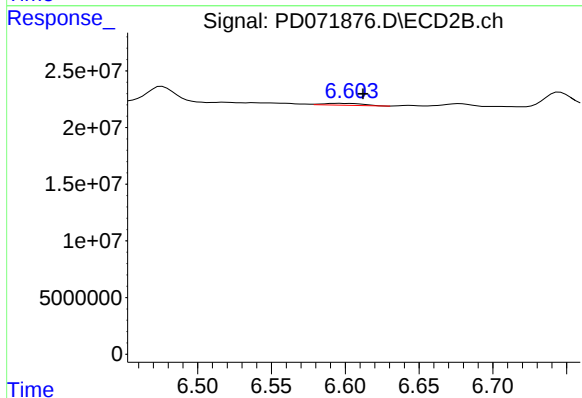
R.T.: 6.370 min  
Delta R.T.: -0.010 min  
Response: 13687274  
Conc: 0.90 ng/ml



#14 Endrin

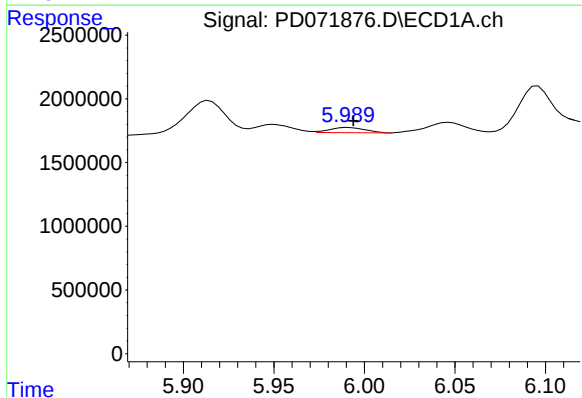
R.T.: 5.709 min  
Delta R.T.: 0.009 min  
Response: 1280193  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



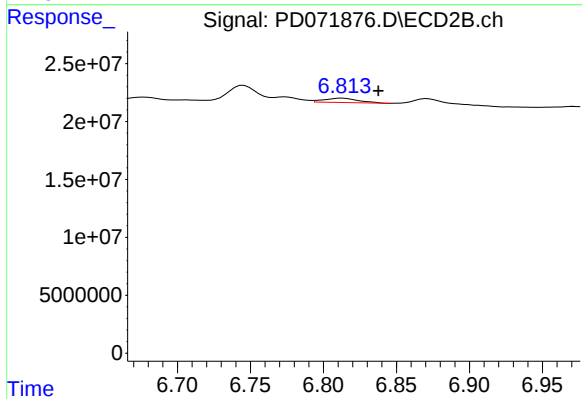
#14 Endrin

R.T.: 6.596 min  
Delta R.T.: -0.016 min  
Response: 3199063  
Conc: 0.25 ng/ml



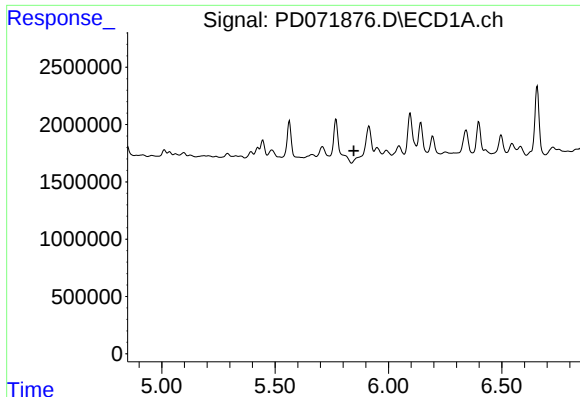
#15 Endosulfan II

R.T.: 5.991 min  
Delta R.T.: -0.003 min  
Response: 544099  
Conc: 0.20 ng/ml



#15 Endosulfan II

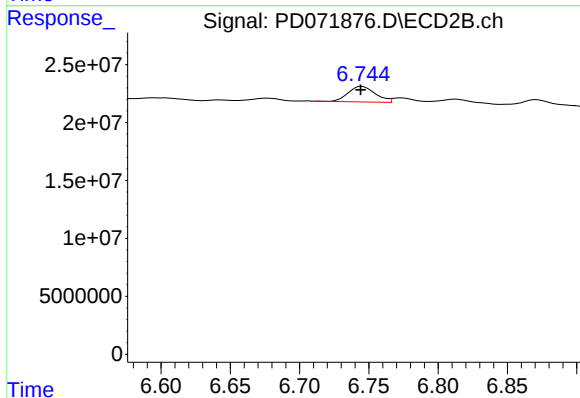
R.T.: 6.813 min  
Delta R.T.: -0.025 min  
Response: 5946096  
Conc: 0.48 ng/ml



#16 4,4'-DDD

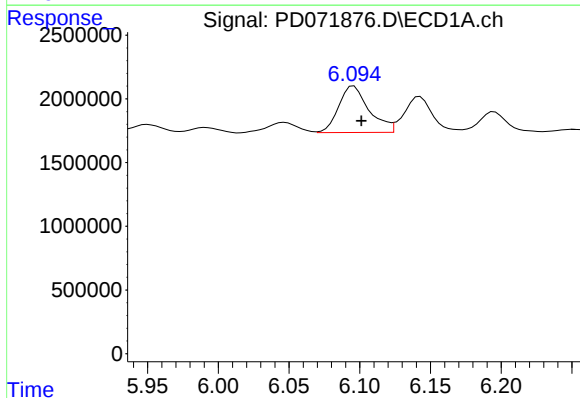
R.T.: 0.000 min  
Exp R.T.: 5.848 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



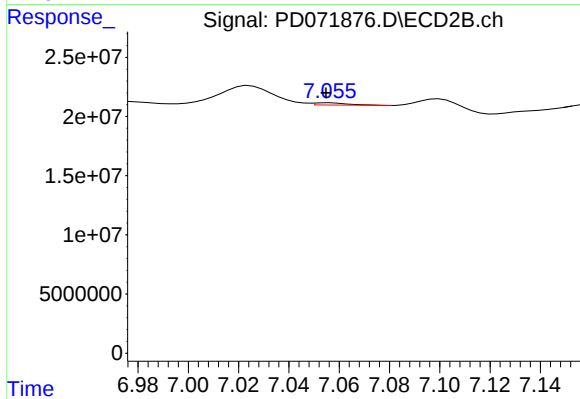
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.001 min  
Response: 18289216  
Conc: 1.54 ng/ml



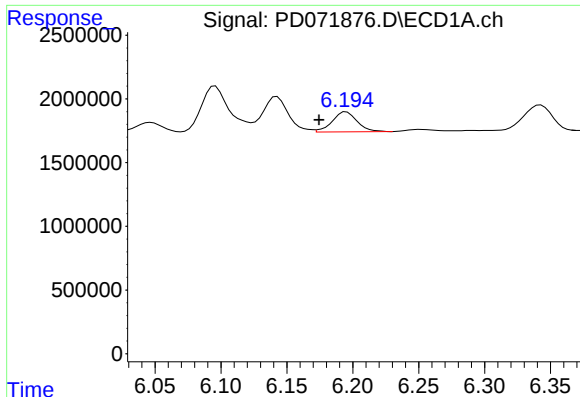
#17 4,4'-DDT

R.T.: 6.096 min  
Delta R.T.: -0.005 min  
Response: 5456343  
Conc: 2.07 ng/ml



#17 4,4'-DDT

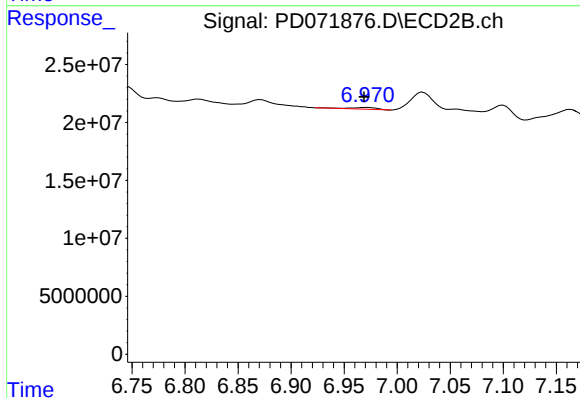
R.T.: 7.056 min  
Delta R.T.: 0.001 min  
Response: 1708674  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

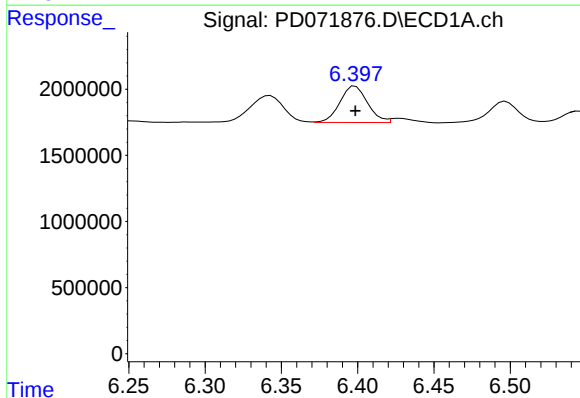
R.T.: 6.195 min  
Delta R.T.: 0.021 min  
Response: 2067432  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



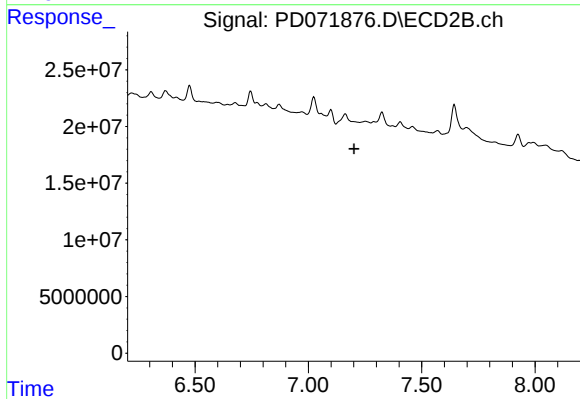
#18 Endrin aldehyde

R.T.: 6.971 min  
Delta R.T.: 0.002 min  
Response: 2593594  
Conc: 0.27 ng/ml



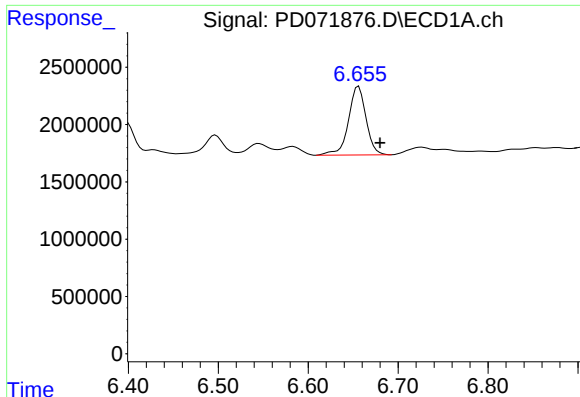
#19 Endosulfan Sulfate

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 3469914  
Conc: 1.29 ng/ml



#19 Endosulfan Sulfate

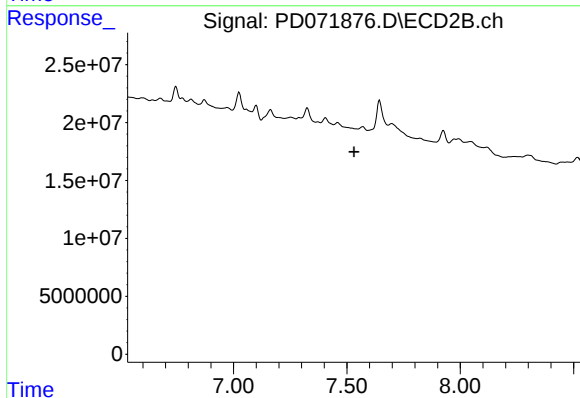
R.T.: 0.000 min  
Exp R.T. : 7.202 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

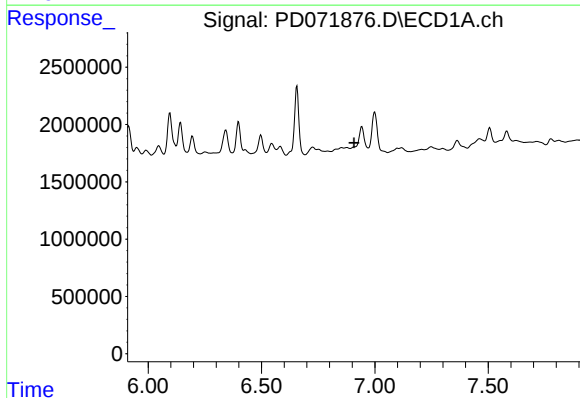
R.T.: 6.656 min  
Delta R.T.: -0.024 min  
Response: 8141680  
Conc: 5.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



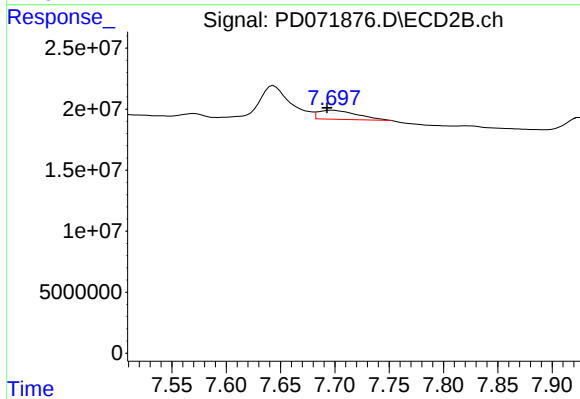
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.532 min  
Response: 0  
Conc: N.D.



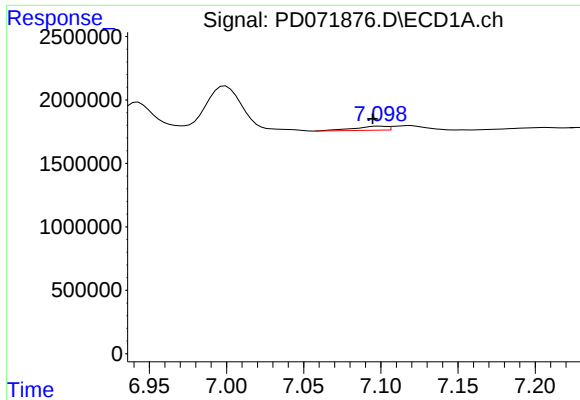
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

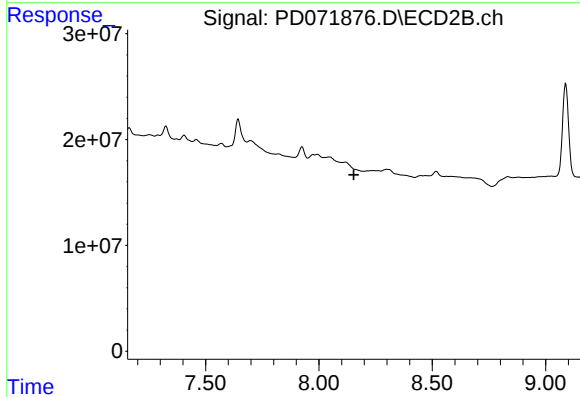
R.T.: 7.698 min  
Delta R.T.: 0.005 min  
Response: 18203144  
Conc: 1.46 ng/ml



#22 Mirex

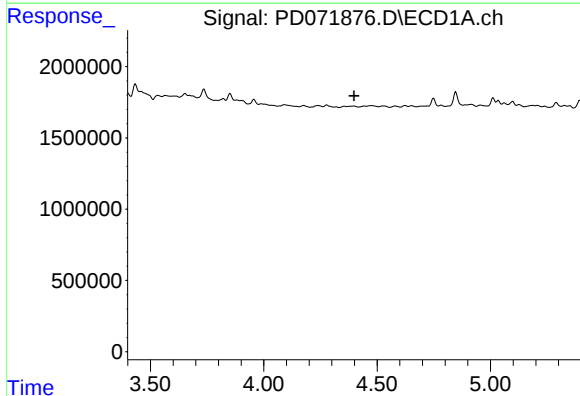
R.T.: 7.099 min  
Delta R.T.: 0.005 min  
Response: 466535  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



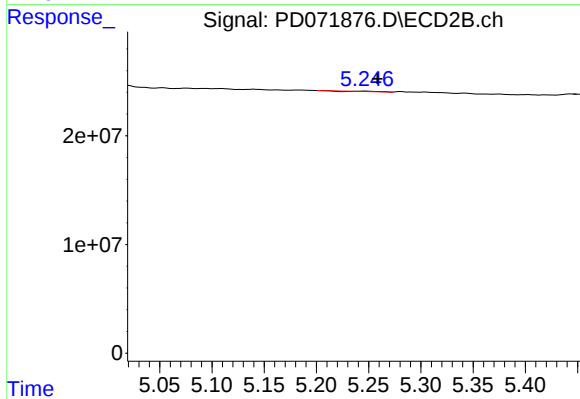
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.155 min  
Response: 0  
Conc: N.D.



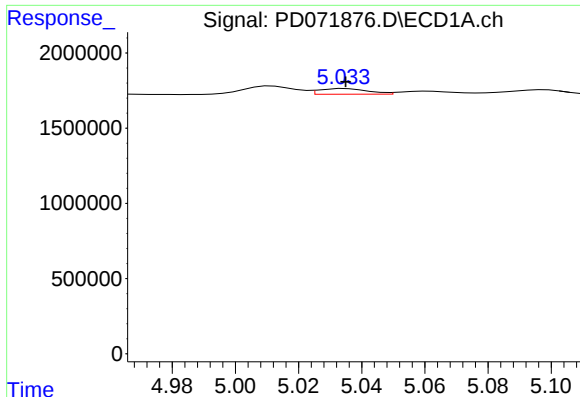
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.398 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

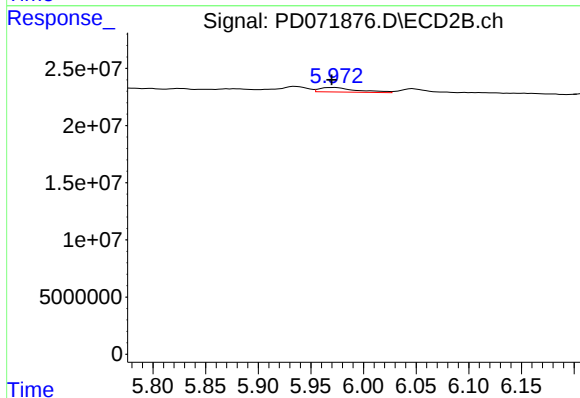
R.T.: 5.247 min  
Delta R.T.: -0.011 min  
Response: 41649  
Conc: 0.06 ng/ml



#25 Chlordane-3

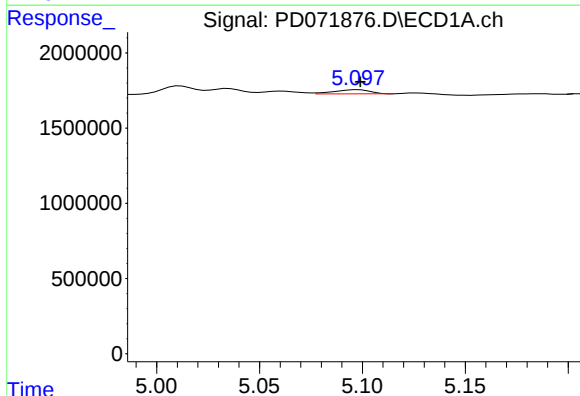
R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 404816  
Conc: 1.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



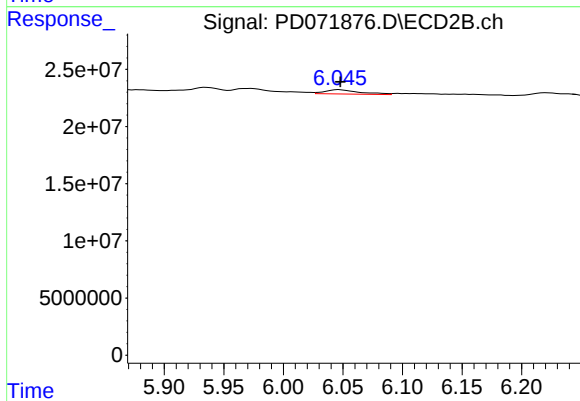
#25 Chlordane-3

R.T.: 5.973 min  
Delta R.T.: 0.003 min  
Response: 9490386  
Conc: 4.32 ng/ml



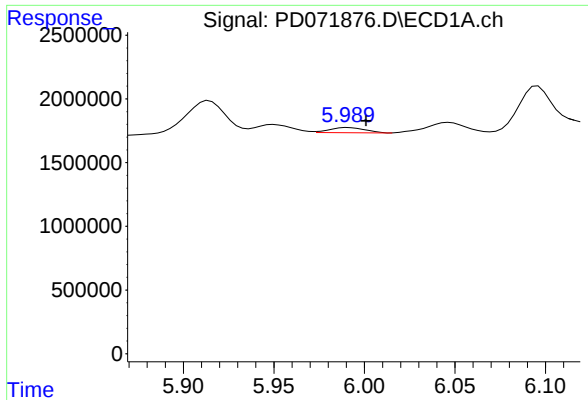
#26 Chlordane-4

R.T.: 5.098 min  
Delta R.T.: -0.001 min  
Response: 337933  
Conc: 1.08 ng/ml



#26 Chlordane-4

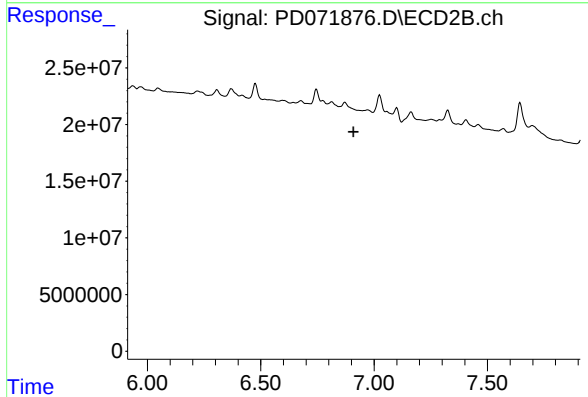
R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 7456920  
Conc: 2.90 ng/ml



#27 Chlordane-5

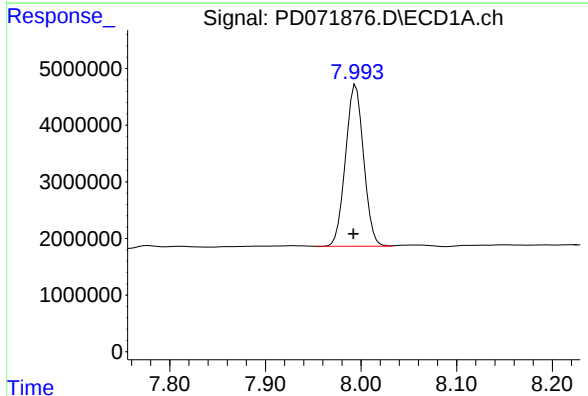
R.T.: 5.991 min  
Delta R.T.: -0.010 min  
Response: 544099  
Conc: 4.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



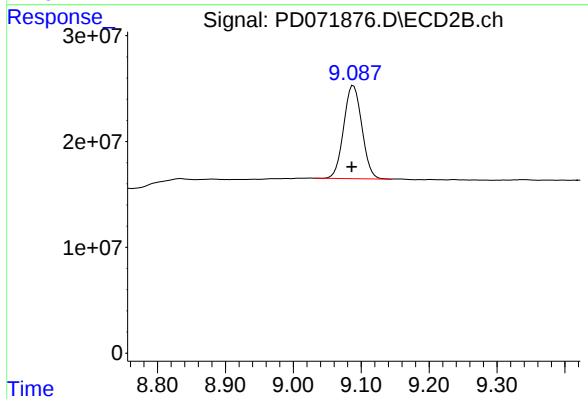
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: 0.002 min  
Response: 37711466  
Conc: 14.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.003 min  
Response: 163599877  
Conc: 17.60 ng/ml