

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102623\  
 Data File : PD079186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Oct 2023 17:48  
 Operator : AR\AJ  
 Sample : 05073-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 26 22:56:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 2023  
 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... | 3.570  | 2.806  | 18636214 | 28280539 | 11.542 | 12.215   |
| 28)                         | SA Decachlor... | 9.113  | 7.953  | 23323350 | 27514185 | 11.627 | 11.288   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.302  | 0        | 634893   | N.D.   | 0.183 #  |
| 3)                          | MA gamma-BHC... | 4.369  | 0.000  | 621064   | 0        | 0.239  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.981f | 4.009f | 1020032  | 1030048  | 0.381  | 0.337    |
| 5)                          | MB Aldrin       | 5.326f | 4.262  | 38137    | 2485844  | 0.015  | 0.760 #  |
| 7)                          | B delta-BHC     | 4.796  | 4.184f | 399220   | 2403178  | 0.149  | 0.718 #  |
| 8)                          | B Heptachlo...  | 5.722  | 4.765  | 74238    | 620006   | 0.032  | 0.209 #  |
| 10)                         | B gamma-Chl...  | 5.977  | 5.019  | 3486770  | 1409483  | 1.521  | 0.491 #  |
| 11)                         | B alpha-Chl...  | 6.058  | 5.080  | 5136261  | 2993881  | 2.253  | 1.043 #  |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.269  | 3330628  | 9239828  | 1.576  | 3.470 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.405  | 0        | 3556485  | N.D.   | 1.198 #  |
| 14)                         | MA Endrin       | 0.000  | 5.686  | 0        | 2638775  | N.D.   | 1.031 #  |
| 15)                         | B Endosulfa...  | 6.844  | 5.972  | 698439   | 537073   | 0.342  | 0.215 #  |
| 16)                         | A 4,4'-DDD      | 6.744  | 5.823  | 2629295  | 3295335  | 1.496  | 1.443    |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.073  | 6004549  | 7361403  | 3.171  | 3.215    |
| 18)                         | B Endrin al...  | 0.000  | 6.177f | 0        | 329009   | N.D.   | 0.177 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.382  | 0        | 201913   | N.D.   | 0.086 #  |
| 21)                         | B Endrin ke...  | 7.710f | 0.000  | 156927   | 0        | 0.072  | N.D. #   |
| 23)                         | Chlordane-1     | 4.738  | 3.807  | 39942    | 5812658  | 0.514  | 66.924 # |
| 24)                         | Chlordane-2     | 5.263  | 0.000  | 965991   | 0        | 12.101 | N.D. #   |
| 25)                         | Chlordane-3     | 5.977  | 5.019  | 3486770  | 1409483  | 11.247 | 5.284 #  |
| 26)                         | Chlordane-4     | 6.058  | 5.080  | 5136261  | 2993881  | 13.825 | 12.201   |
| 27)                         | Chlordane-5     | 0.000  | 5.972  | 0        | 537073   | N.D.   | 5.389 #  |
| -----                       |                 |        |        |          |          |        |          |

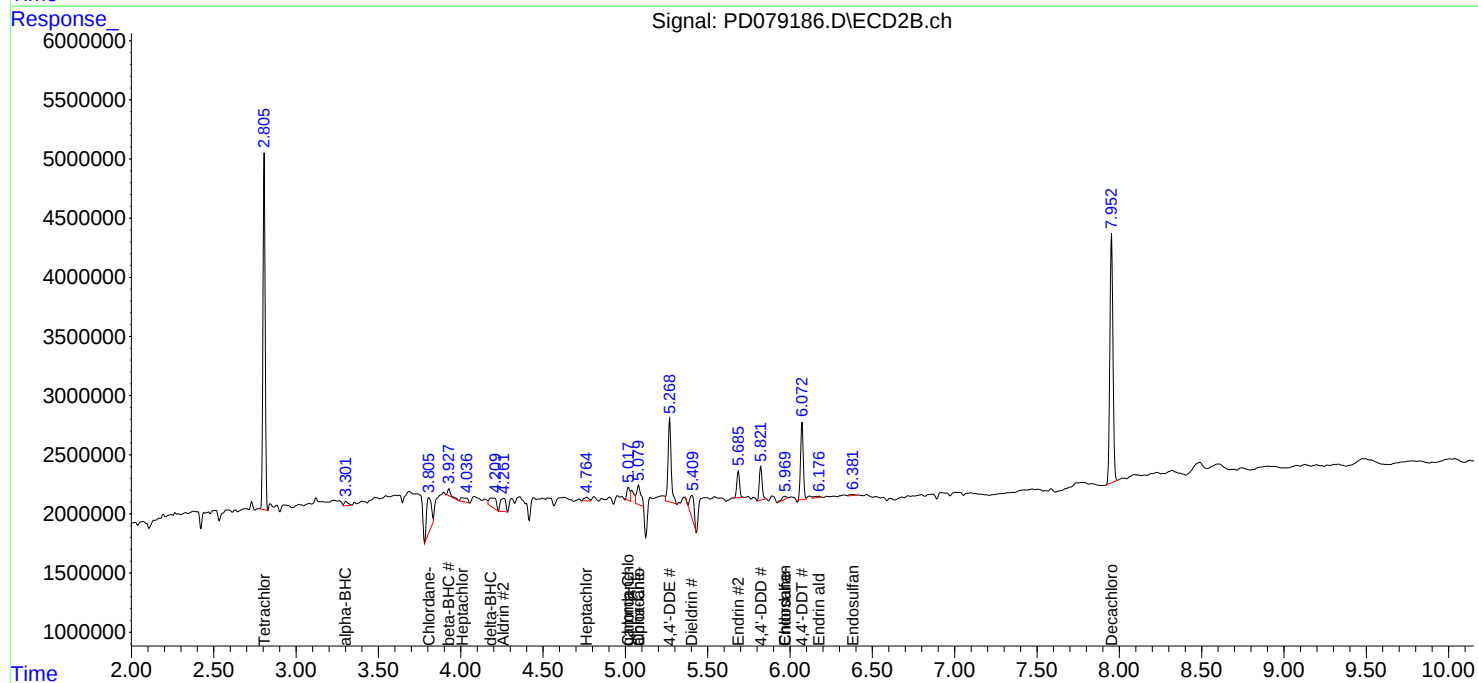
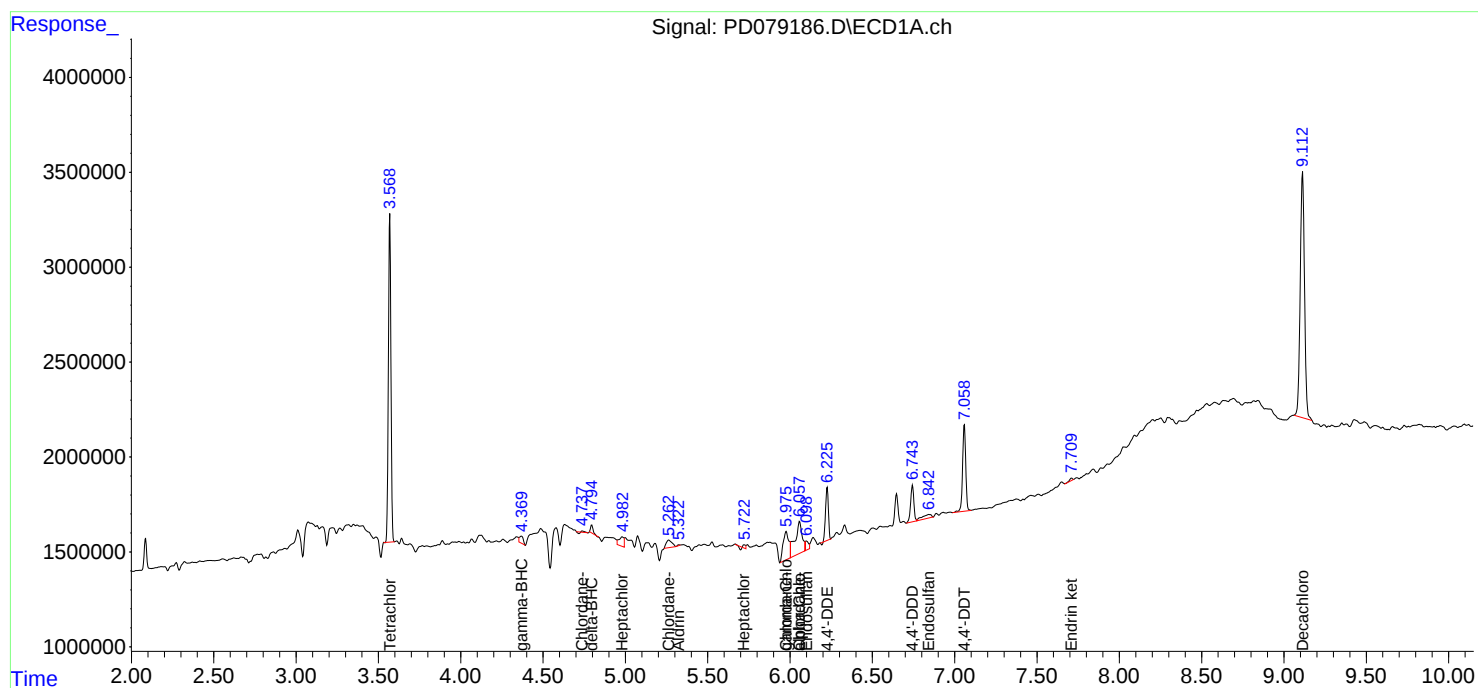
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

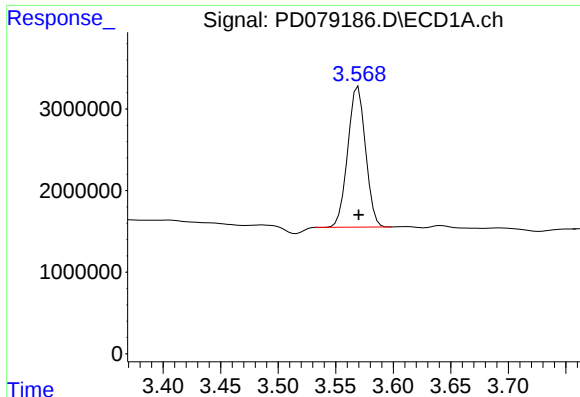
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102623\  
Data File : PD079186.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Oct 2023 17:48  
Operator : AR\AJ  
Sample : 05073-01  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 26 22:56:02 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
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Response via : Initial Calibration  
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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

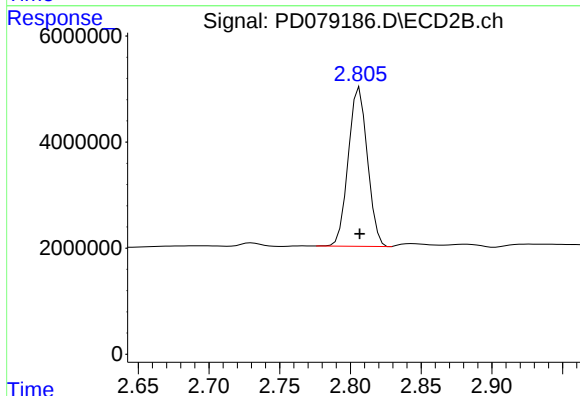




#1 Tetrachloro-m-xylene

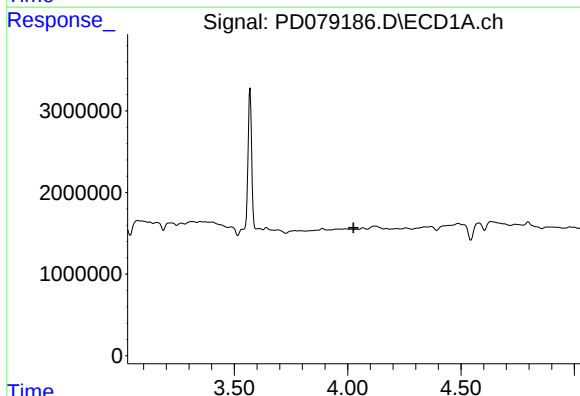
R.T.: 3.570 min  
Delta R.T.: 0.000 min  
Response: 18636214  
Conc: 11.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



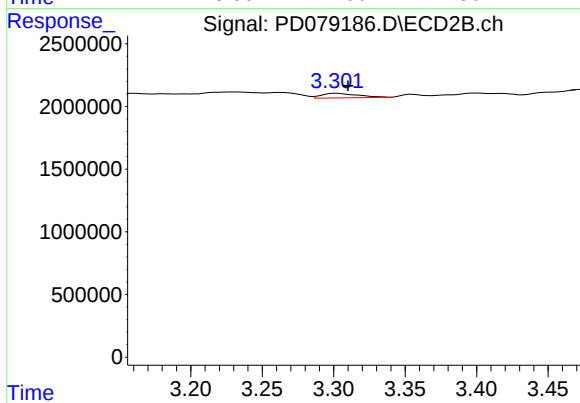
#1 Tetrachloro-m-xylene

R.T.: 2.806 min  
Delta R.T.: 0.000 min  
Response: 28280539  
Conc: 12.21 ng/ml



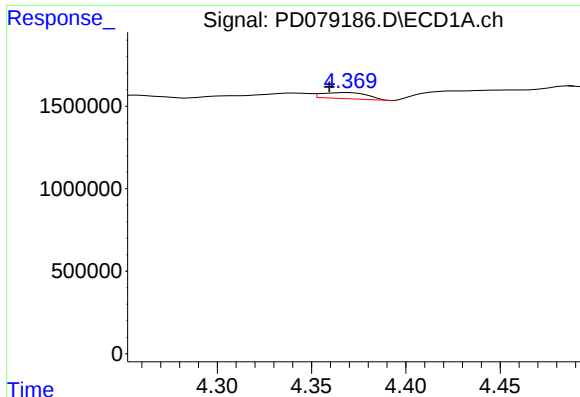
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.026 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

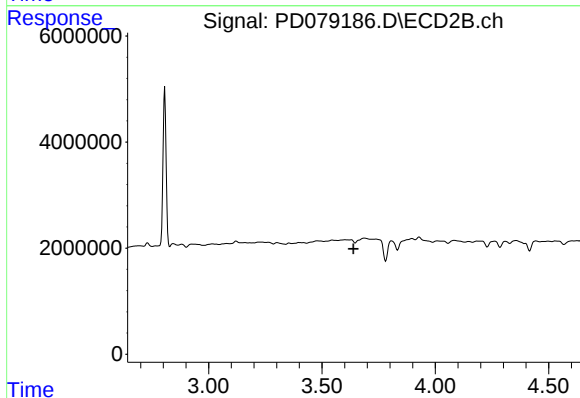
R.T.: 3.302 min  
Delta R.T.: -0.008 min  
Response: 634893  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

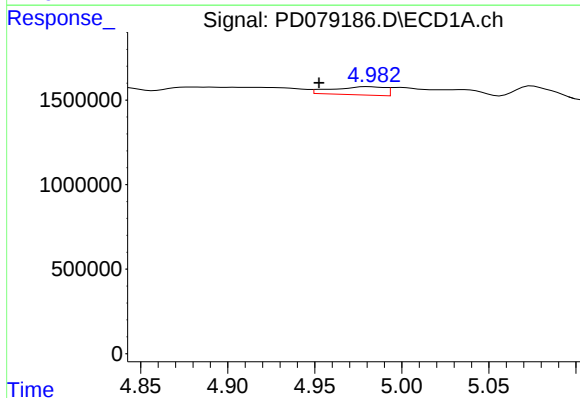
R.T.: 4.369 min  
Delta R.T.: 0.010 min  
Response: 621064  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



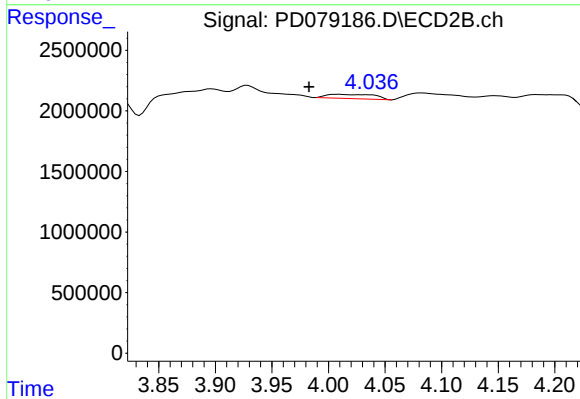
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.640 min  
Response: 0  
Conc: N.D.



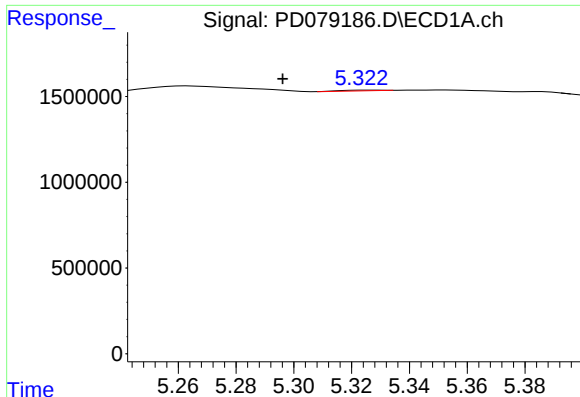
#4 Heptachlor

R.T.: 4.981 min  
Delta R.T.: 0.028 min  
Response: 1020032  
Conc: 0.38 ng/ml



#4 Heptachlor

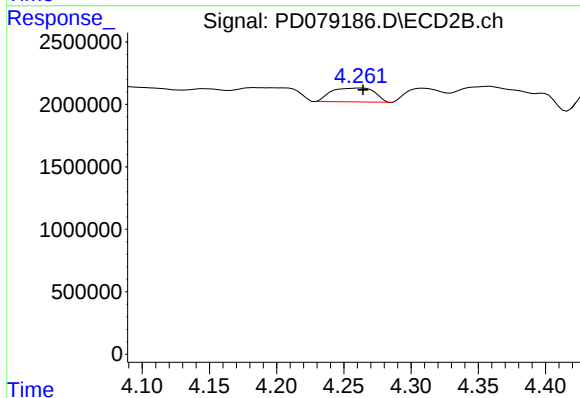
R.T.: 4.009 min  
Delta R.T.: 0.027 min  
Response: 1030048  
Conc: 0.34 ng/ml



#5 Aldrin

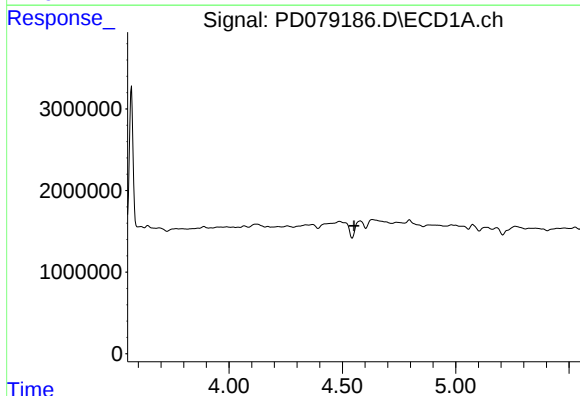
R.T.: 5.326 min  
Delta R.T.: 0.030 min  
Response: 38137  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



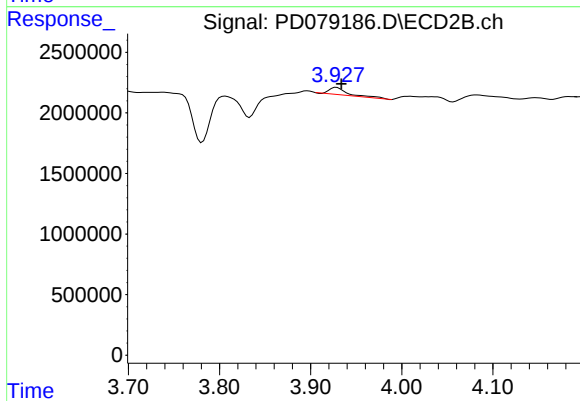
#5 Aldrin

R.T.: 4.262 min  
Delta R.T.: -0.002 min  
Response: 2485844  
Conc: 0.76 ng/ml



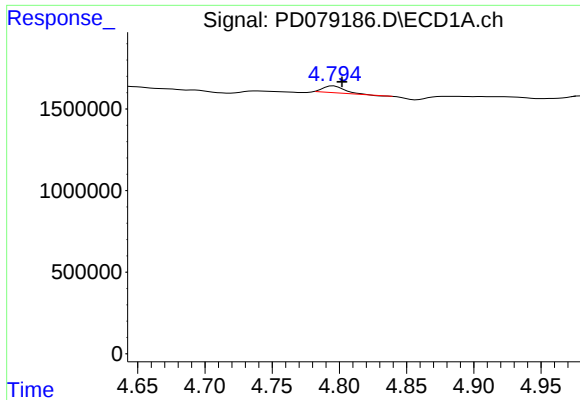
#6 beta-BHC

R.T.: 4.579 min  
Delta R.T.: 0.027 min  
Response: -1923031  
Conc: N.D.



#6 beta-BHC

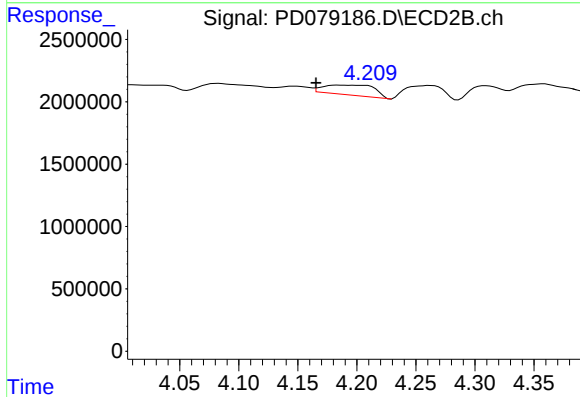
R.T.: 3.929 min  
Delta R.T.: -0.005 min  
Response: 839283  
Conc: 0.60 ng/ml



#7 delta-BHC

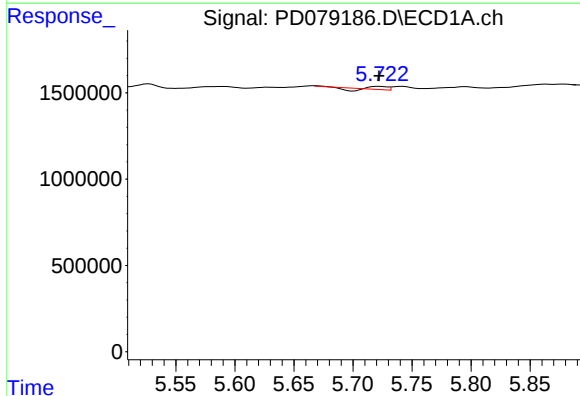
R.T.: 4.796 min  
Delta R.T.: -0.006 min  
Response: 399220  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



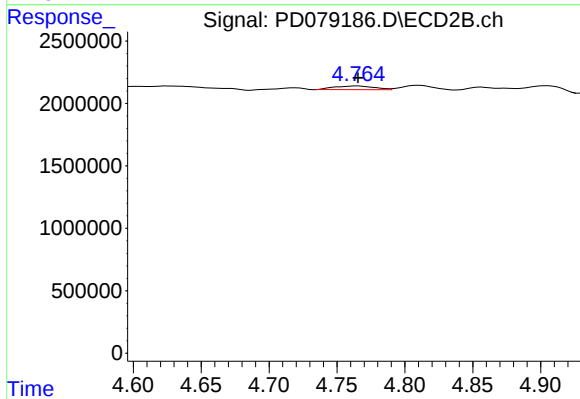
#7 delta-BHC

R.T.: 4.184 min  
Delta R.T.: 0.019 min  
Response: 2403178  
Conc: 0.72 ng/ml



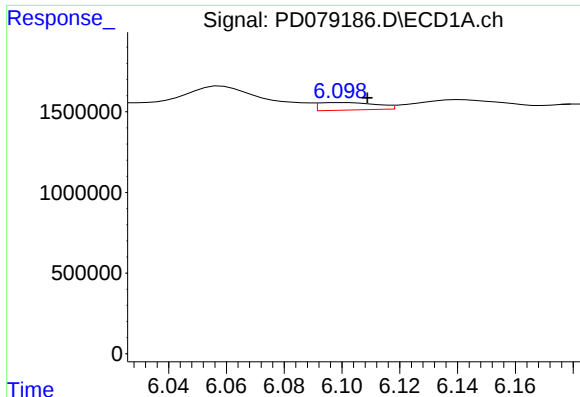
#8 Heptachlor epoxide

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 74238  
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

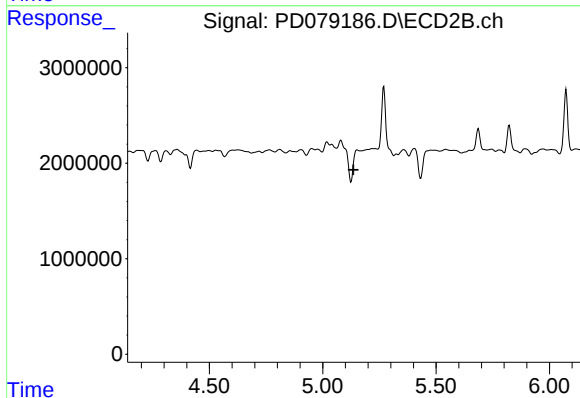
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 620006  
Conc: 0.21 ng/ml



#9 Endosulfan I

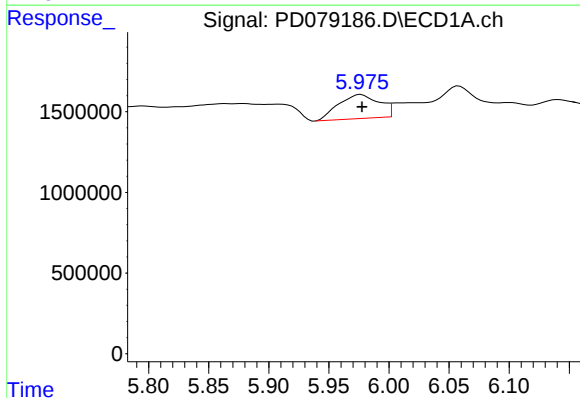
R.T.: 6.100 min  
Delta R.T.: -0.009 min  
Response: 646858  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



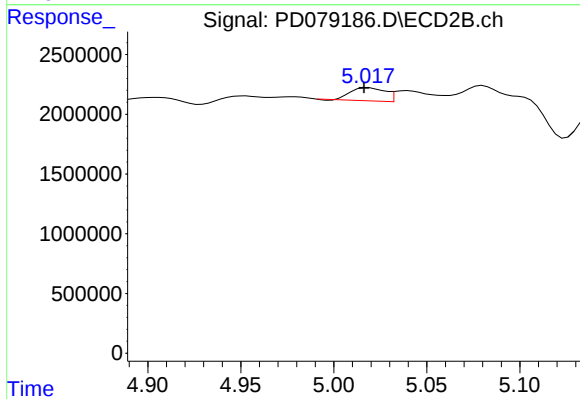
#9 Endosulfan I

R.T.: 5.152 min  
Delta R.T.: 0.016 min  
Response: -2678226  
Conc: N.D.



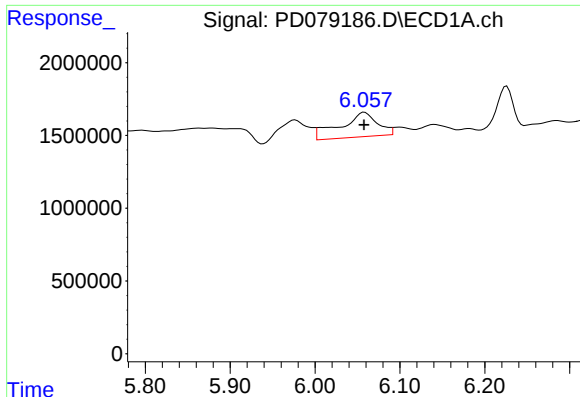
#10 gamma-Chlordane

R.T.: 5.977 min  
Delta R.T.: -0.001 min  
Response: 3486770  
Conc: 1.52 ng/ml



#10 gamma-Chlordane

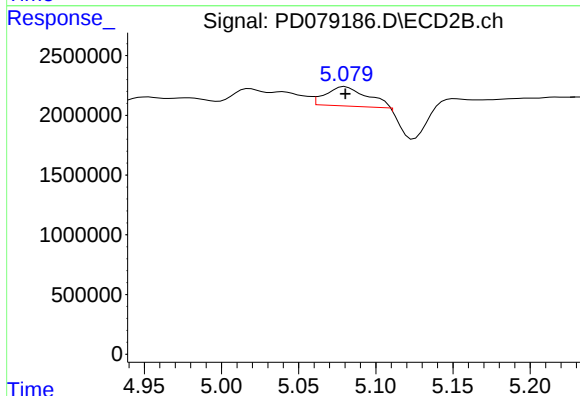
R.T.: 5.019 min  
Delta R.T.: 0.002 min  
Response: 1409483  
Conc: 0.49 ng/ml



#11 alpha-Chlordane

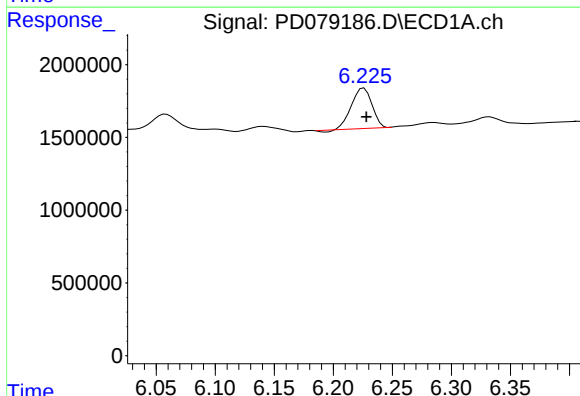
R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 5136261  
Conc: 2.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



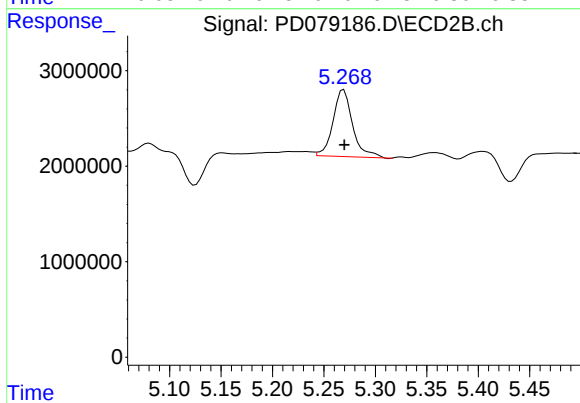
#11 alpha-Chlordane

R.T.: 5.080 min  
Delta R.T.: 0.000 min  
Response: 2993881  
Conc: 1.04 ng/ml



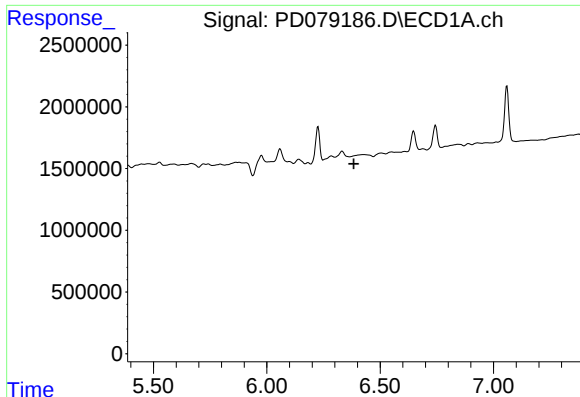
#12 4,4'-DDE

R.T.: 6.226 min  
Delta R.T.: -0.002 min  
Response: 3330628  
Conc: 1.58 ng/ml



#12 4,4'-DDE

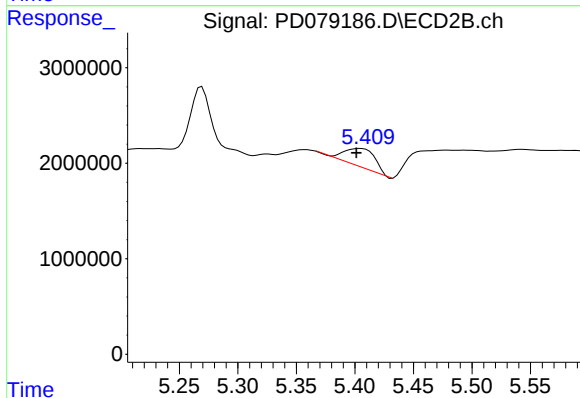
R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 9239828  
Conc: 3.47 ng/ml



#13 Dieldrin

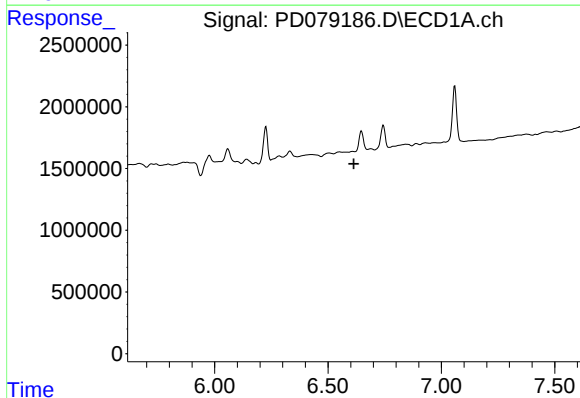
R.T.: 0.000 min  
Exp R.T. : 6.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



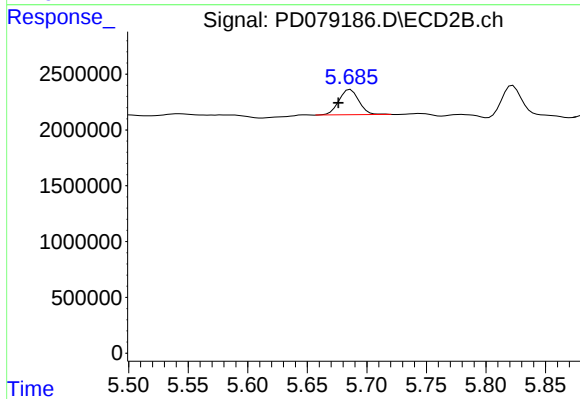
#13 Dieldrin

R.T.: 5.405 min  
Delta R.T.: 0.003 min  
Response: 3556485  
Conc: 1.20 ng/ml



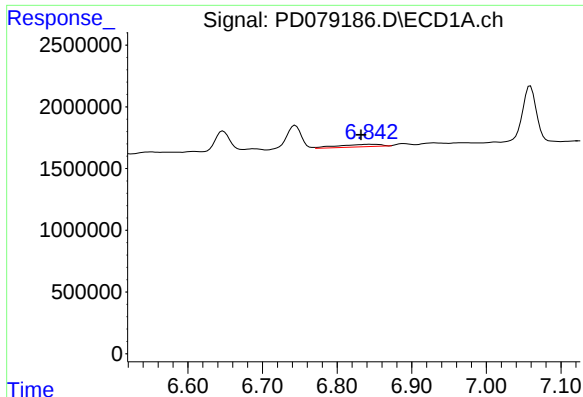
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.614 min  
Response: 0  
Conc: N.D.



#14 Endrin

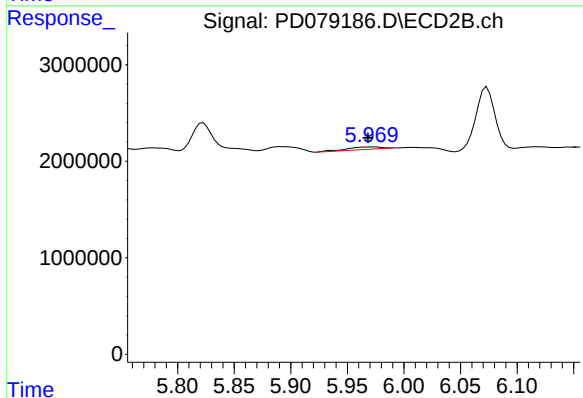
R.T.: 5.686 min  
Delta R.T.: 0.010 min  
Response: 2638775  
Conc: 1.03 ng/ml



#15 Endosulfan II

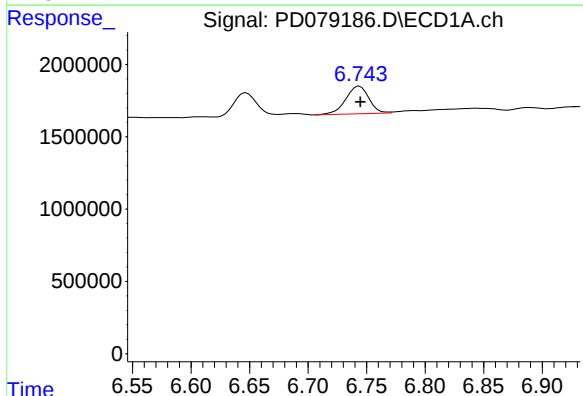
R.T.: 6.844 min  
Delta R.T.: 0.012 min  
Response: 698439  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



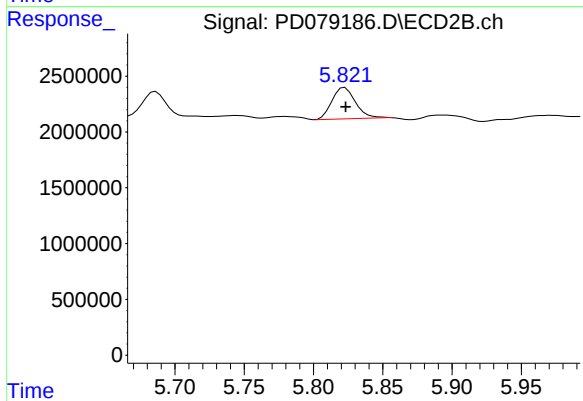
#15 Endosulfan II

R.T.: 5.972 min  
Delta R.T.: 0.004 min  
Response: 537073  
Conc: 0.22 ng/ml



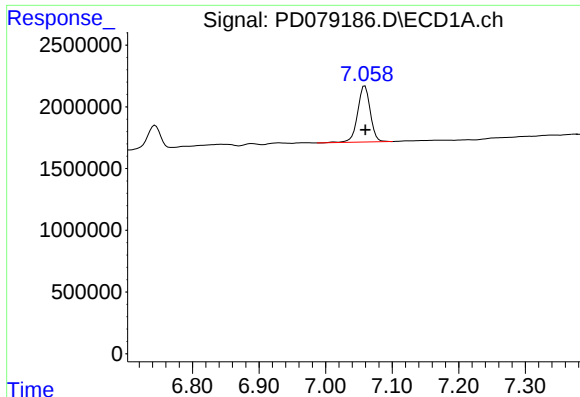
#16 4,4'-DDD

R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 2629295  
Conc: 1.50 ng/ml



#16 4,4'-DDD

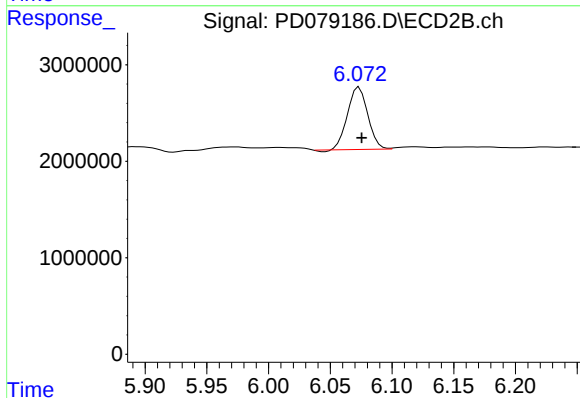
R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 3295335  
Conc: 1.44 ng/ml



#17 4,4'-DDT

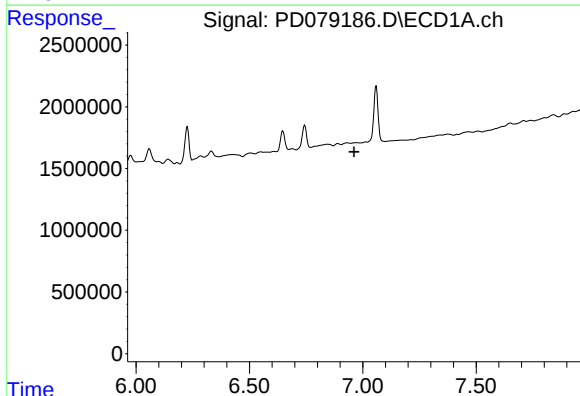
R.T.: 7.059 min  
Delta R.T.: -0.001 min  
Response: 6004549  
Conc: 3.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



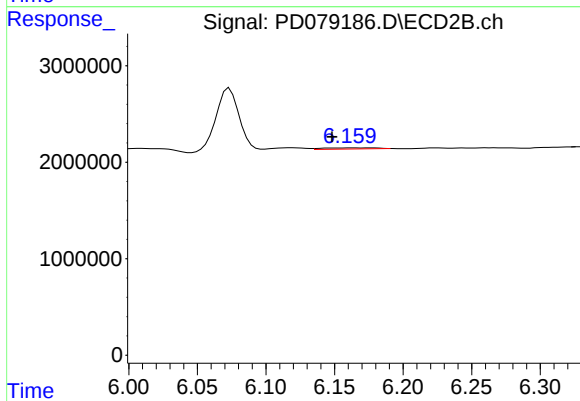
#17 4,4'-DDT

R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 7361403  
Conc: 3.22 ng/ml



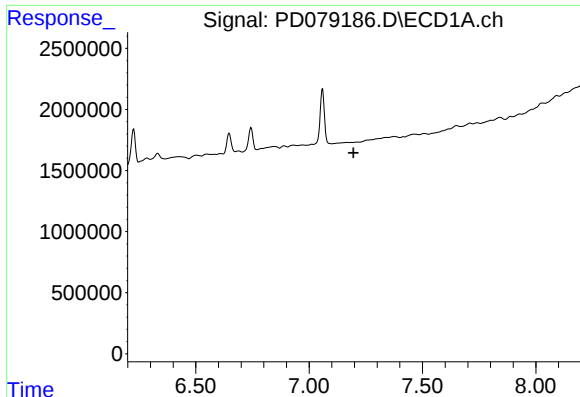
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.962 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

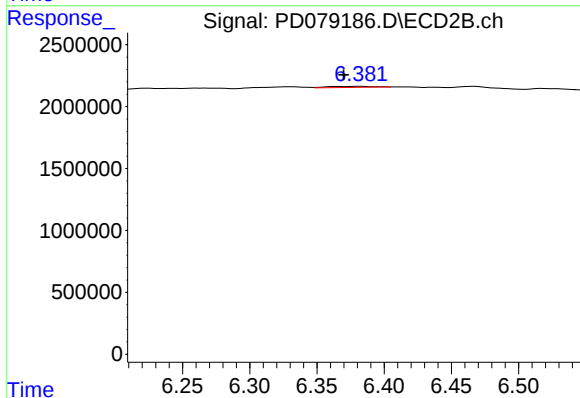
R.T.: 6.177 min  
Delta R.T.: 0.029 min  
Response: 329009  
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

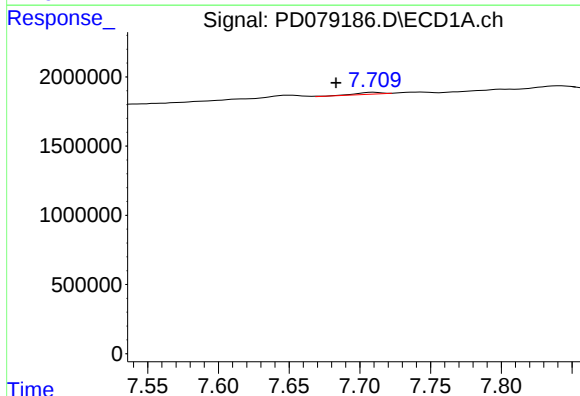
R.T.: 0.000 min  
Exp R.T.: 7.196 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



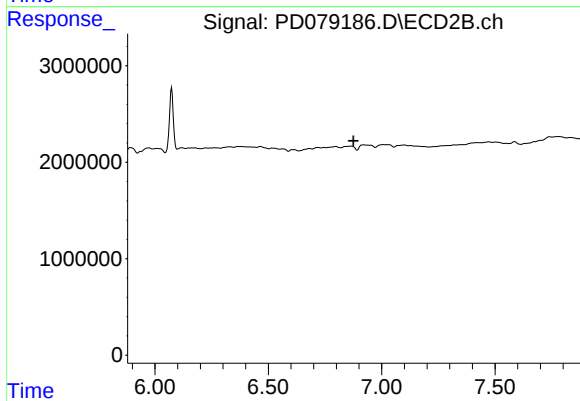
#19 Endosulfan Sulfate

R.T.: 6.382 min  
Delta R.T.: 0.012 min  
Response: 201913  
Conc: 0.09 ng/ml



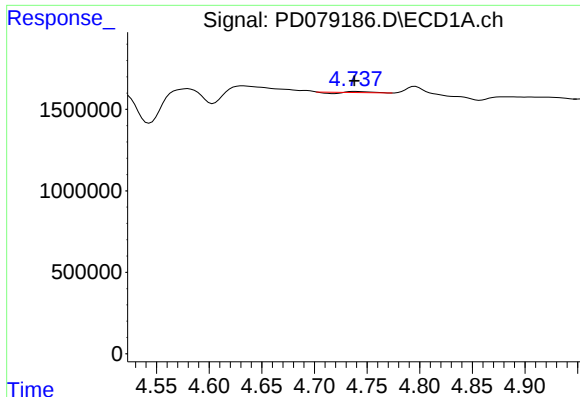
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.027 min  
Response: 156927  
Conc: 0.07 ng/ml



#21 Endrin ketone

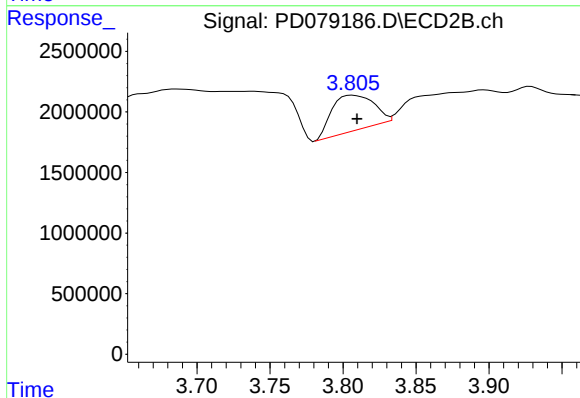
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

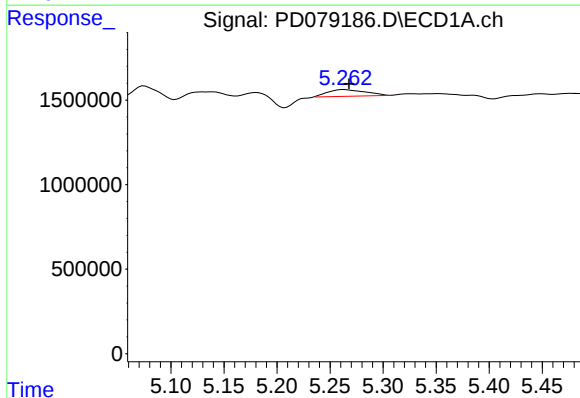
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 39942  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



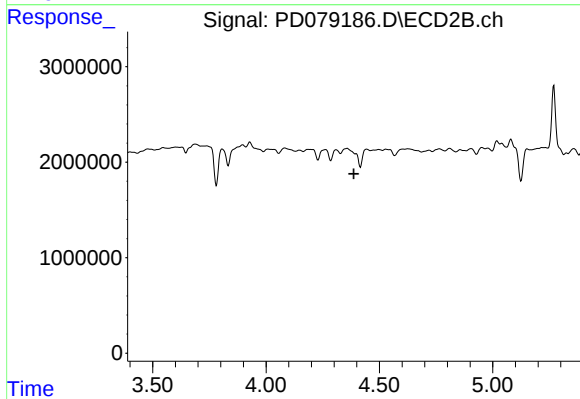
#23 Chlordane-1

R.T.: 3.807 min  
Delta R.T.: -0.003 min  
Response: 5812658  
Conc: 66.92 ng/ml



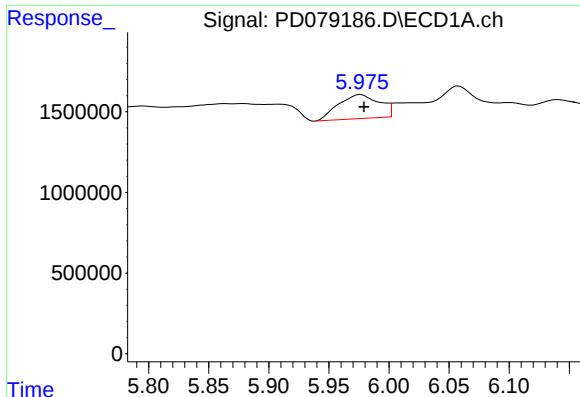
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: -0.005 min  
Response: 965991  
Conc: 12.10 ng/ml



#24 Chlordane-2

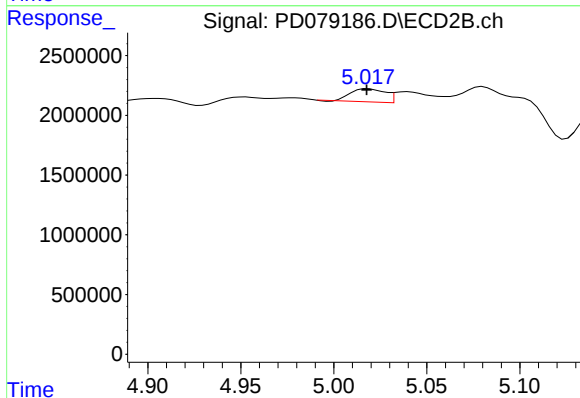
R.T.: 0.000 min  
Exp R.T.: 4.386 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

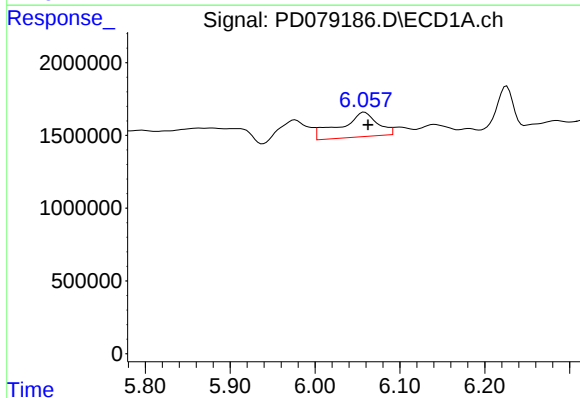
R.T.: 5.977 min  
Delta R.T.: -0.003 min  
Response: 3486770  
Conc: 11.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



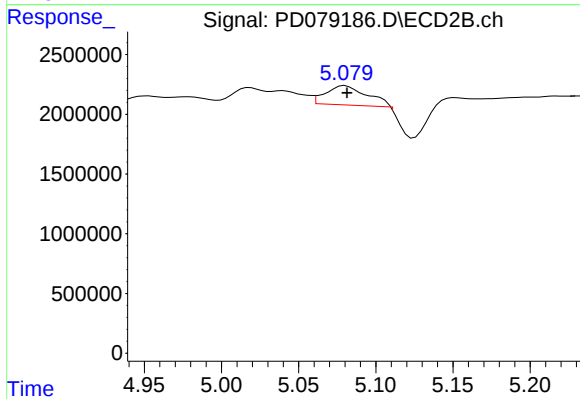
#25 Chlordane-3

R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 1409483  
Conc: 5.28 ng/ml



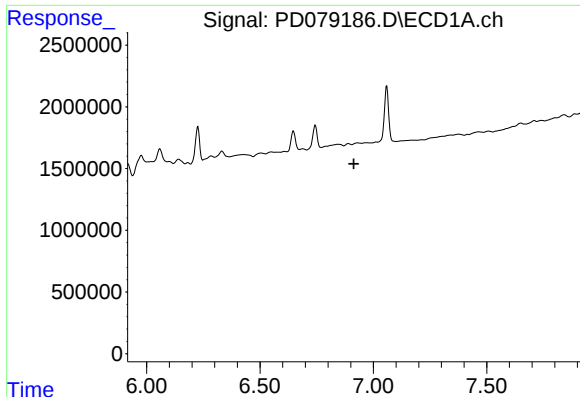
#26 Chlordane-4

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 5136261  
Conc: 13.82 ng/ml



#26 Chlordane-4

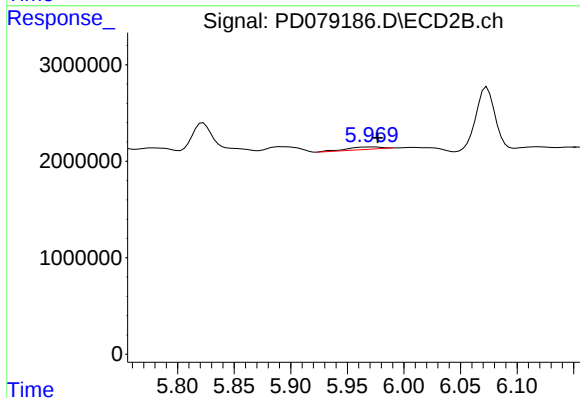
R.T.: 5.080 min  
Delta R.T.: -0.001 min  
Response: 2993881  
Conc: 12.20 ng/ml



#27 Chlordane-5

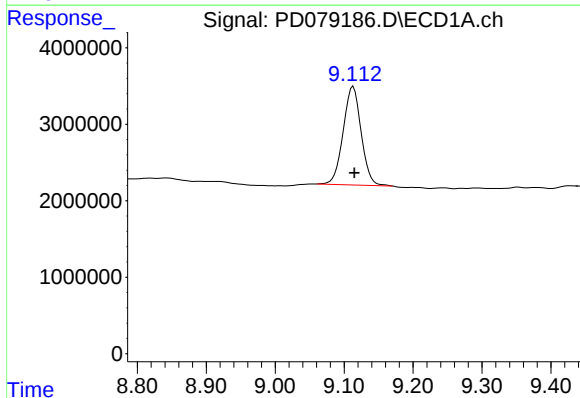
R.T.: 0.000 min  
Exp R.T.: 6.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



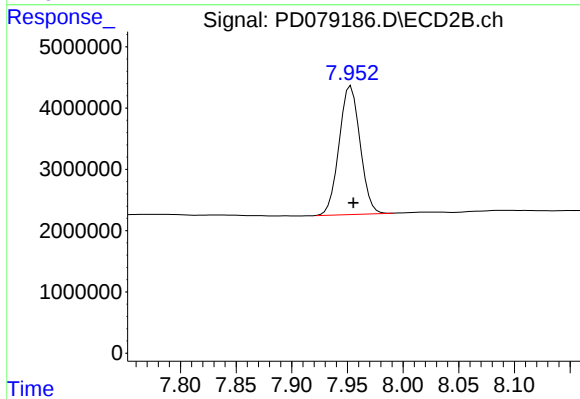
#27 Chlordane-5

R.T.: 5.972 min  
Delta R.T.: -0.004 min  
Response: 537073  
Conc: 5.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: -0.002 min  
Response: 23323350  
Conc: 11.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.953 min  
Delta R.T.: -0.002 min  
Response: 27514185  
Conc: 11.29 ng/ml