

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
 Data File : PD079560.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 17:54  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 20:20:05 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... | 3.577  | 2.801  | 69939521 | 136.9E6  | 43.317  | 59.133 # |
| 28)                         | SA Decachlor... | 9.126  | 7.950  | 88101081 | 126.3E6  | 43.918  | 51.831   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.050f | 3.292f | 2847567  | 527582   | 1.070   | 0.152 #  |
| 4)                          | MA Heptachlor   | 4.960  | 3.976  | 60229023 | 68847601 | 22.516  | 22.542   |
| 5)                          | MB Aldrin       | 5.276f | 4.274  | 35091434 | 6244365  | 13.618  | 1.909 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.938  | 0        | 173716   | N.D.    | 0.123 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.159  | 0        | 5447406  | N.D.    | 1.627 #  |
| 8)                          | B Heptachlo...  | 5.713  | 0.000  | 28216036 | 0        | 12.039  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.987  | 5.010  | 149.0E6  | 134.2E6  | 64.967  | 46.767 # |
| 11)                         | B alpha-Chl...  | 6.070  | 5.074  | 177.2E6  | 130.4E6  | 77.695  | 45.454 # |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.246f | 838836   | 2528223  | 0.397   | 0.950 #  |
| 13)                         | MA Dieldrin     | 6.395  | 5.420f | 7575012  | 1225237  | 3.253   | 0.413 #  |
| 14)                         | MA Endrin       | 0.000  | 5.675  | 0        | 14123455 | N.D.    | 5.519 #  |
| 15)                         | B Endosulfa...  | 6.822  | 5.970  | 4653805  | 54374289 | 2.282   | 21.780 # |
| 16)                         | A 4,4'-DDD      | 6.726f | 5.834  | 26679251 | 388042   | 15.176  | 0.170 #  |
| 17)                         | MA 4,4'-DDT     | 7.075  | 6.068  | 693398   | -318574  | 0.366   | N.D. #   |
| 18)                         | B Endrin al...  | 6.970  | 6.151  | -140346  | 461109   | N.D.    | 0.248    |
| 19)                         | B Endosulfa...  | 7.206  | 6.370  | 369401   | 1754708  | 0.186   | 0.752 #  |
| 20)                         | A Methoxychlor  | 7.538  | 6.640  | 277599   | 449130   | 0.253   | 0.331 #  |
| 21)                         | B Endrin ke...  | 7.714f | 6.853f | 676247   | 312955   | 0.310   | 0.112 #  |
| 22)                         | Mirex           | 0.000  | 7.060  | 0        | 87039    | N.D.    | 0.041 #  |
| 23)                         | Chlordane-1     | 4.745  | 3.802  | 36472273 | 46150220 | 469.107 | 531.348  |
| 24)                         | Chlordane-2     | 5.276  | 4.379  | 35091434 | 42289037 | 439.588 | 465.436  |
| 25)                         | Chlordane-3     | 5.987  | 5.010  | 149.0E6  | 134.2E6  | 480.483 | 503.111  |
| 26)                         | Chlordane-4     | 6.070  | 5.074  | 177.2E6  | 130.4E6  | 476.844 | 531.607  |
| 27)                         | Chlordane-5     | 6.921  | 5.970  | 30693915 | 54374289 | 436.829 | 545.575  |
| -----                       |                 |        |        |          |          |         |          |

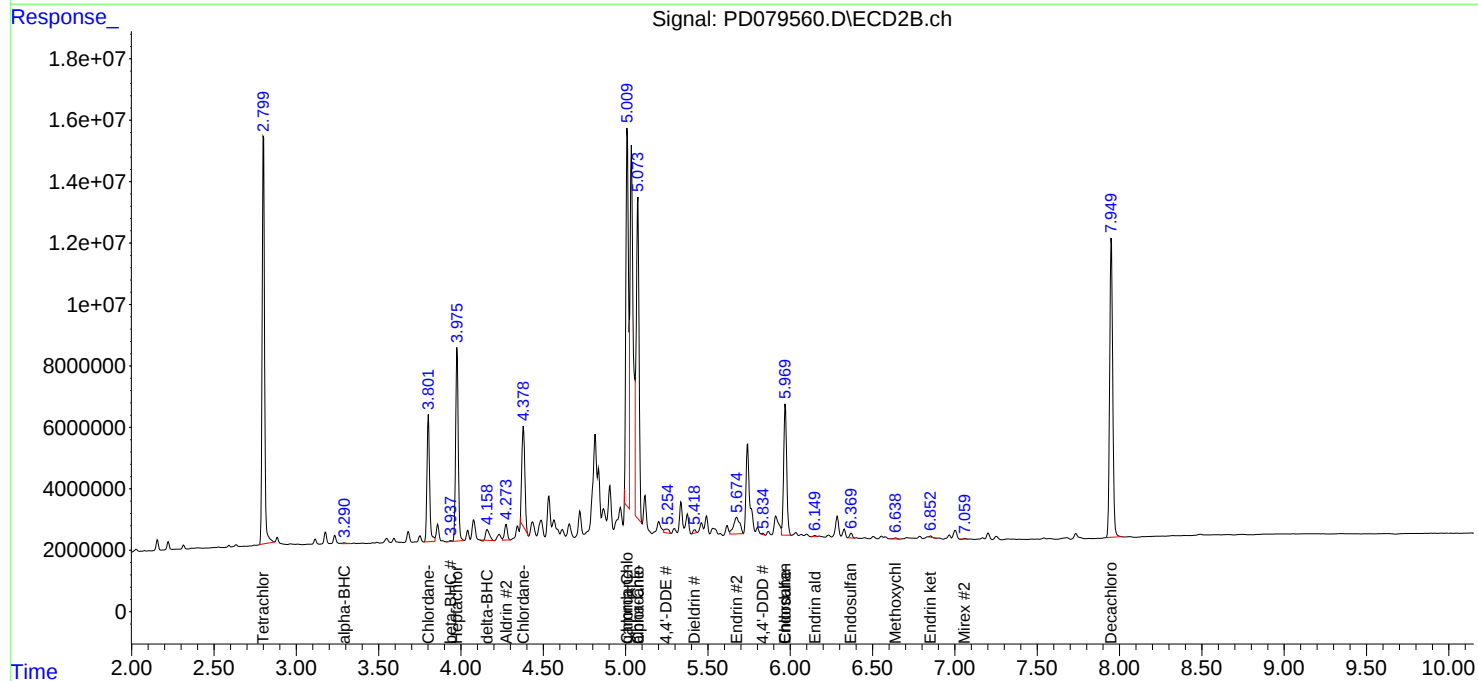
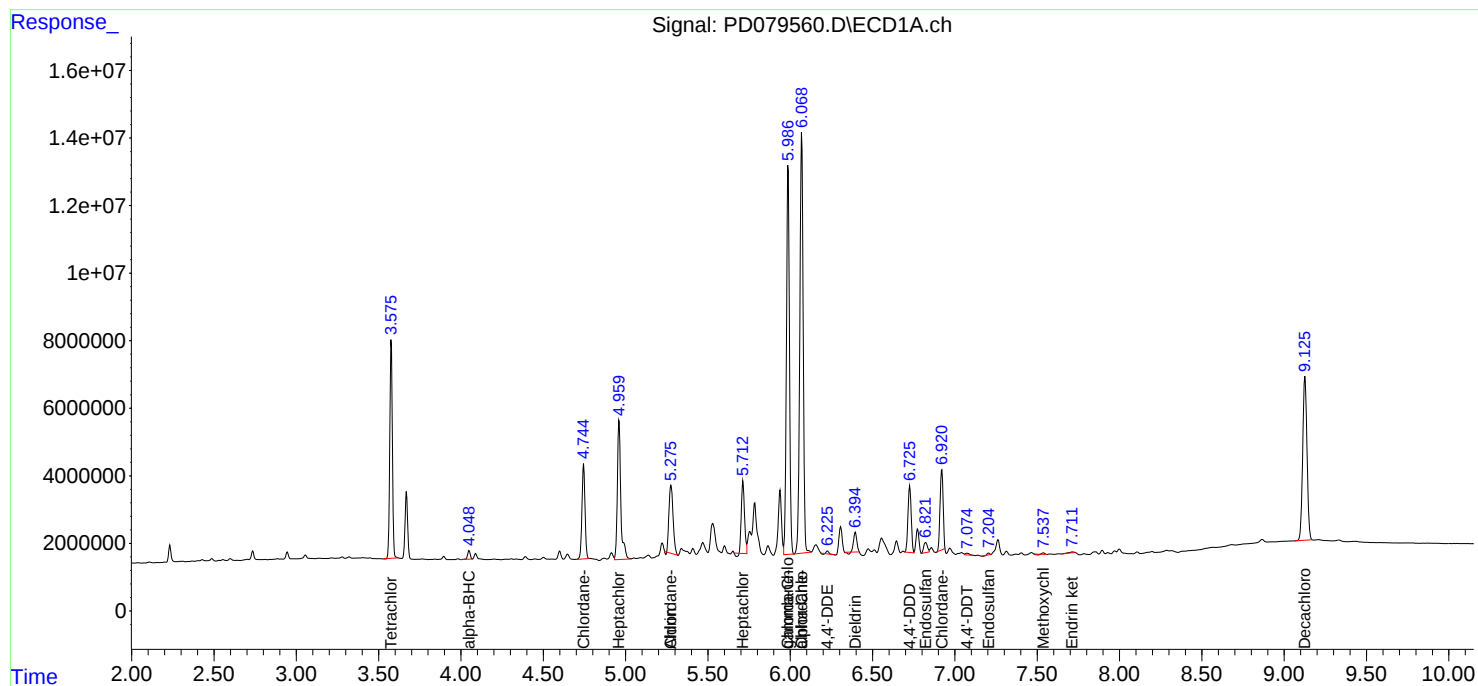
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

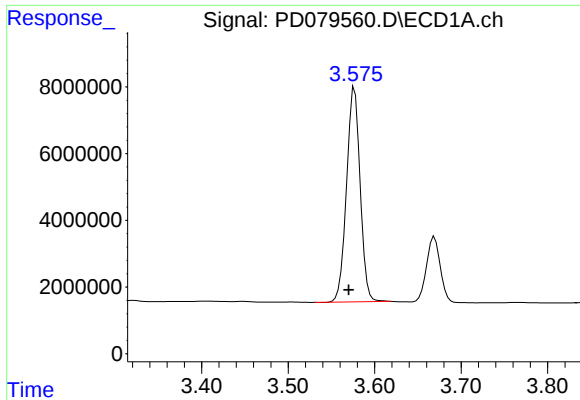
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
Data File : PD079560.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 17:54  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 20:20:05 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

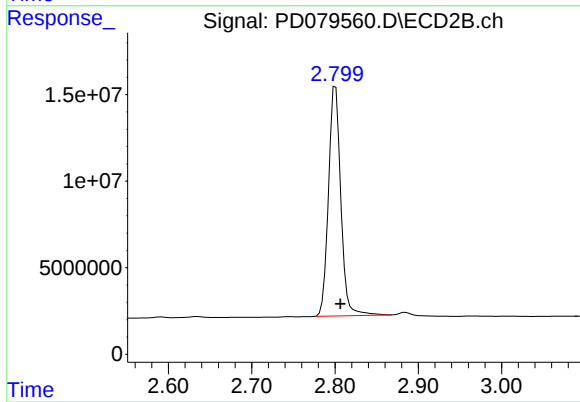




#1 Tetrachloro-m-xylene

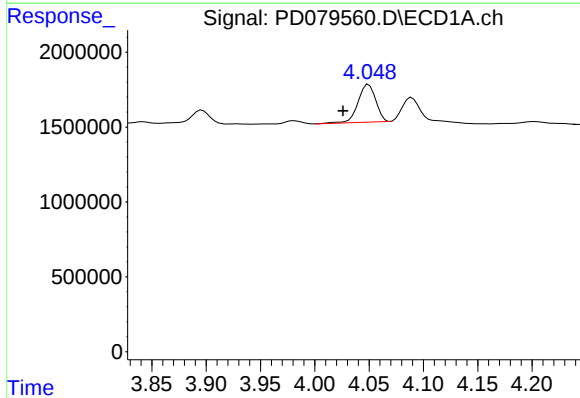
R.T.: 3.577 min  
Delta R.T.: 0.007 min  
Response: 69939521  
Conc: 43.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



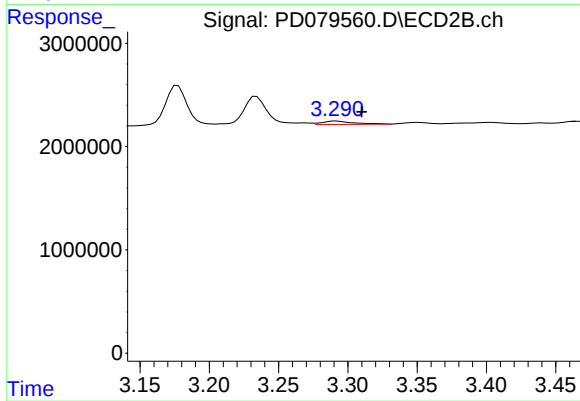
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: -0.006 min  
Response: 136910214  
Conc: 59.13 ng/ml



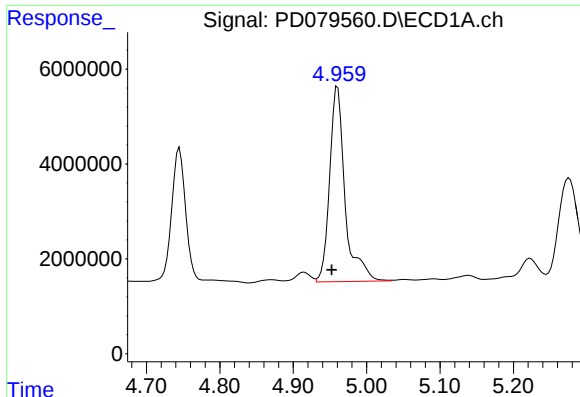
#2 alpha-BHC

R.T.: 4.050 min  
Delta R.T.: 0.024 min  
Response: 2847567  
Conc: 1.07 ng/ml



#2 alpha-BHC

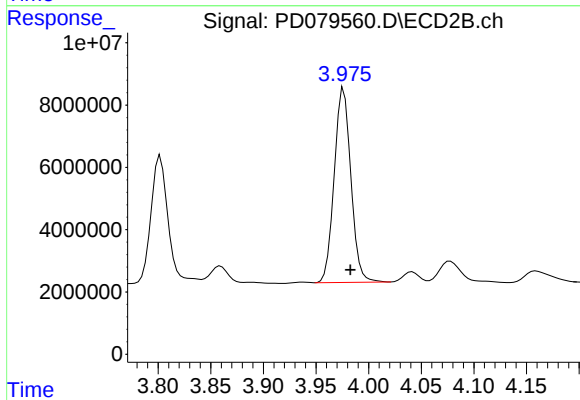
R.T.: 3.292 min  
Delta R.T.: -0.018 min  
Response: 527582  
Conc: 0.15 ng/ml



#4 Heptachlor

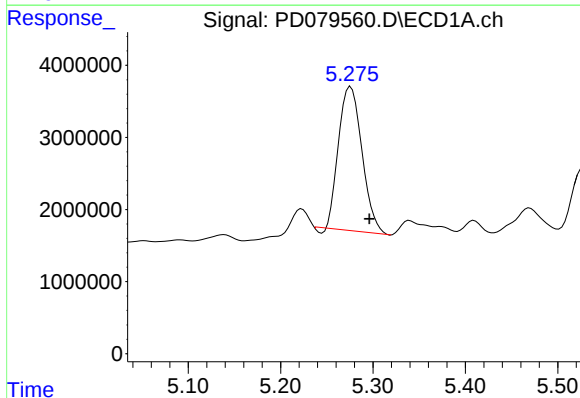
R.T.: 4.960 min  
Delta R.T.: 0.008 min  
Response: 60229023  
Conc: 22.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



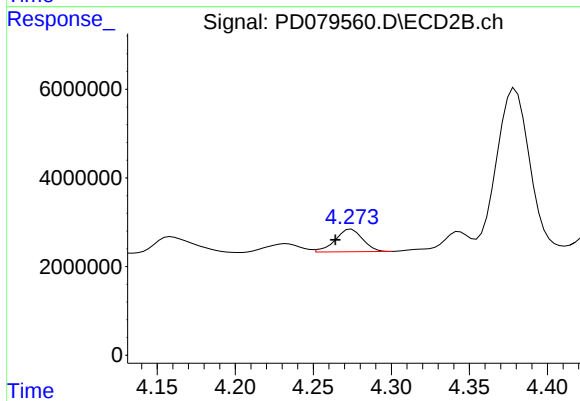
#4 Heptachlor

R.T.: 3.976 min  
Delta R.T.: -0.006 min  
Response: 68847601  
Conc: 22.54 ng/ml



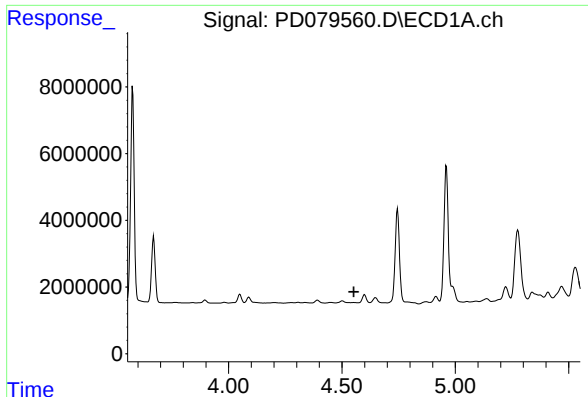
#5 Aldrin

R.T.: 5.276 min  
Delta R.T.: -0.020 min  
Response: 35091434  
Conc: 13.62 ng/ml



#5 Aldrin

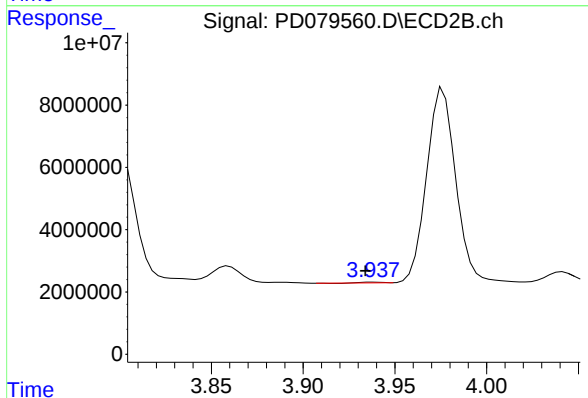
R.T.: 4.274 min  
Delta R.T.: 0.010 min  
Response: 6244365  
Conc: 1.91 ng/ml



#6 beta-BHC

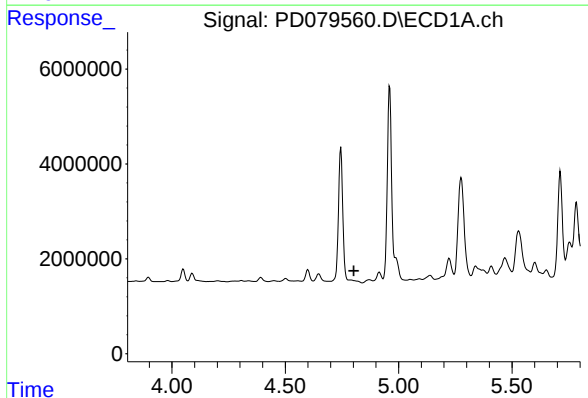
R.T.: 0.000 min  
Exp R.T.: 4.552 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



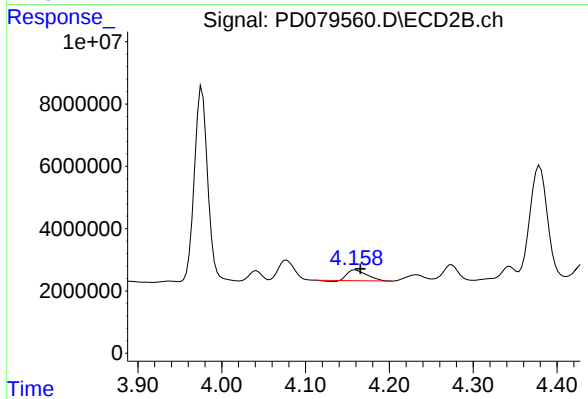
#6 beta-BHC

R.T.: 3.938 min  
Delta R.T.: 0.004 min  
Response: 173716  
Conc: 0.12 ng/ml



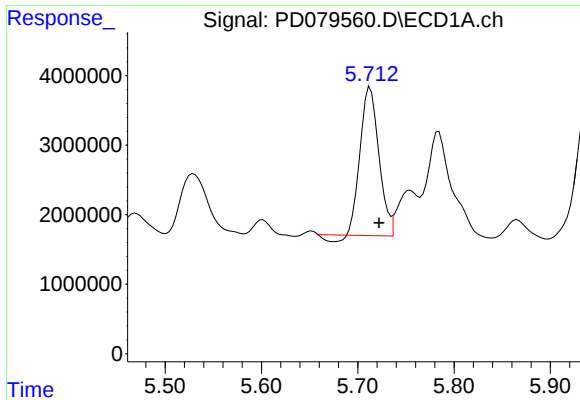
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.802 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

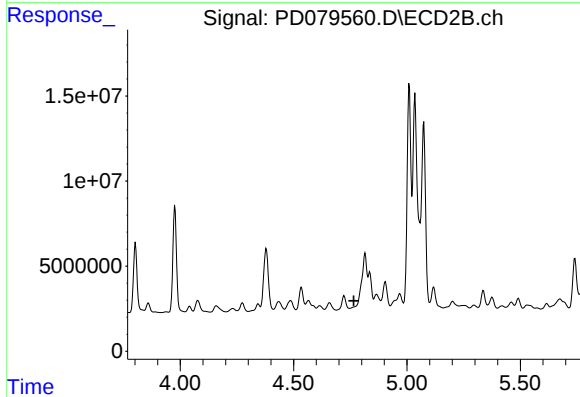
R.T.: 4.159 min  
Delta R.T.: -0.006 min  
Response: 5447406  
Conc: 1.63 ng/ml



#8 Heptachlor epoxide

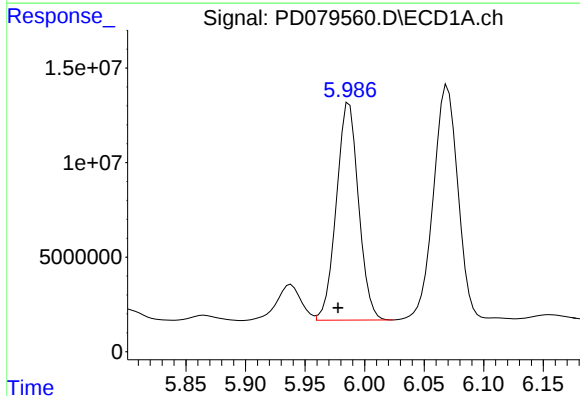
R.T.: 5.713 min  
Delta R.T.: -0.009 min  
Response: 28216036  
Conc: 12.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



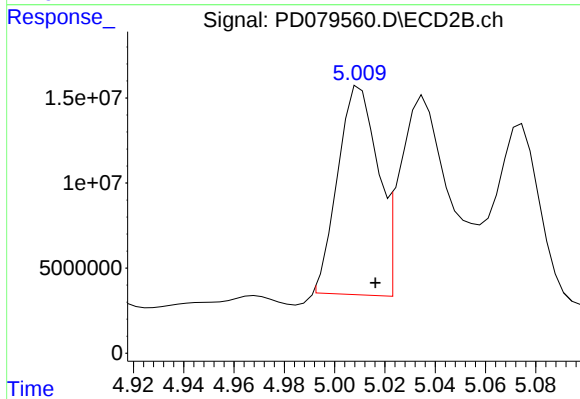
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



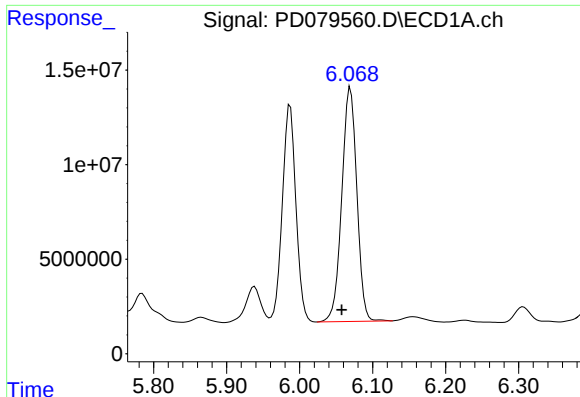
#10 gamma-Chlordane

R.T.: 5.987 min  
Delta R.T.: 0.009 min  
Response: 148951893  
Conc: 64.97 ng/ml



#10 gamma-Chlordane

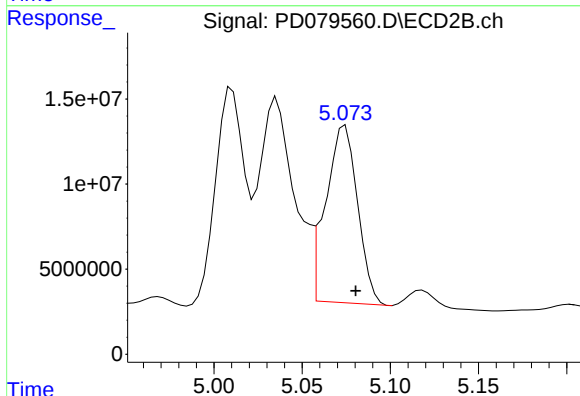
R.T.: 5.010 min  
Delta R.T.: -0.006 min  
Response: 134195702  
Conc: 46.77 ng/ml



#11 alpha-Chlordane

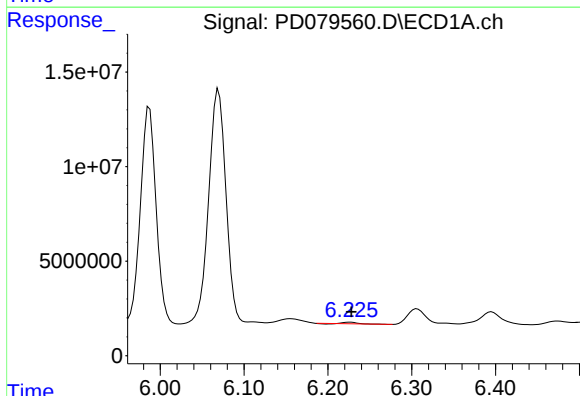
R.T.: 6.070 min  
Delta R.T.: 0.012 min  
Response: 177159272  
Conc: 77.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



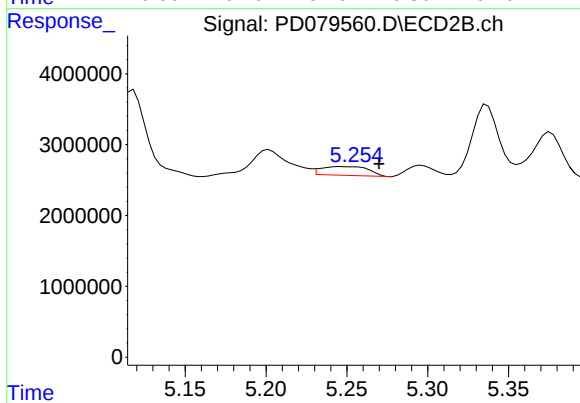
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: -0.006 min  
Response: 130445278  
Conc: 45.45 ng/ml



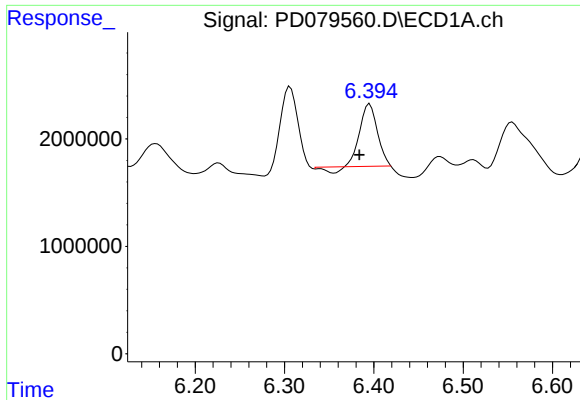
#12 4,4'-DDE

R.T.: 6.226 min  
Delta R.T.: -0.002 min  
Response: 838836  
Conc: 0.40 ng/ml



#12 4,4'-DDE

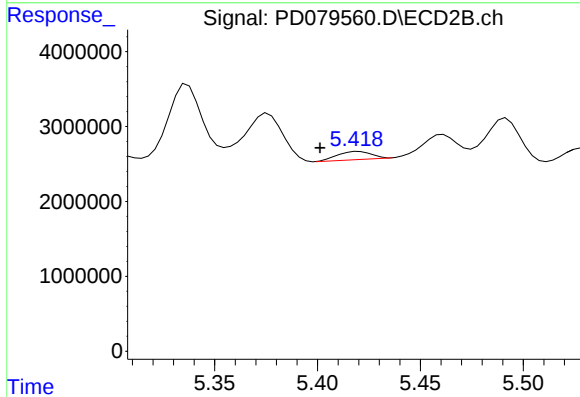
R.T.: 5.246 min  
Delta R.T.: -0.023 min  
Response: 2528223  
Conc: 0.95 ng/ml



#13 Dieldrin

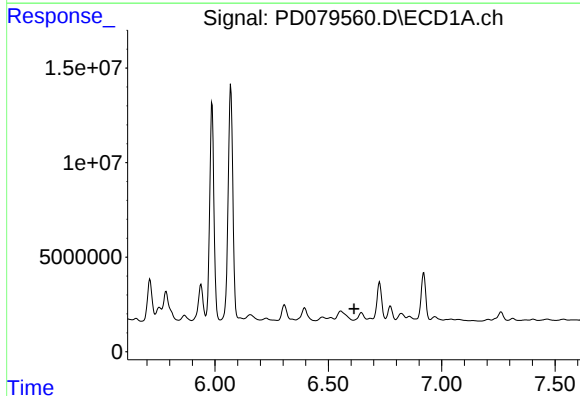
R.T.: 6.395 min  
Delta R.T.: 0.011 min  
Response: 7575012  
Conc: 3.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



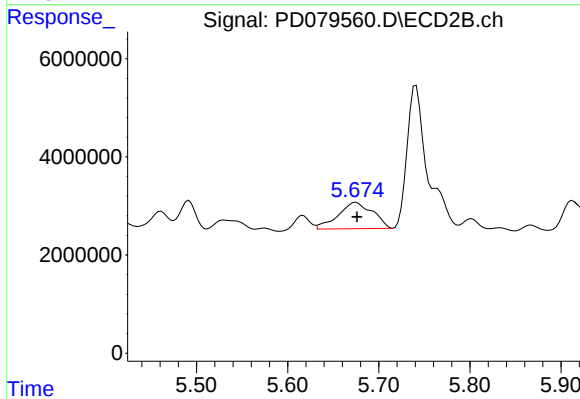
#13 Dieldrin

R.T.: 5.420 min  
Delta R.T.: 0.019 min  
Response: 1225237  
Conc: 0.41 ng/ml



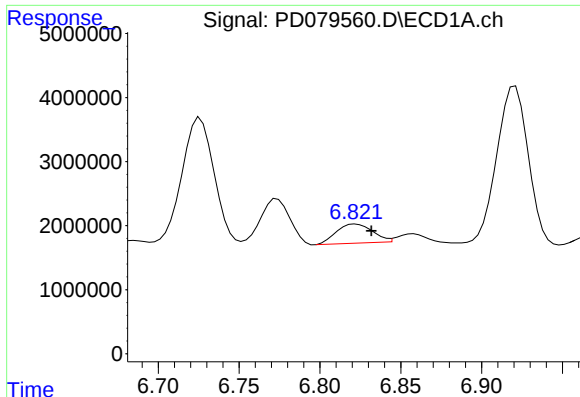
#14 Endrin

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



#14 Endrin

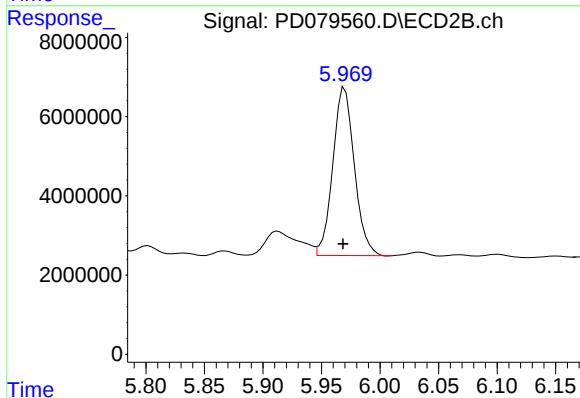
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 14123455  
Conc: 5.52 ng/ml



#15 Endosulfan II

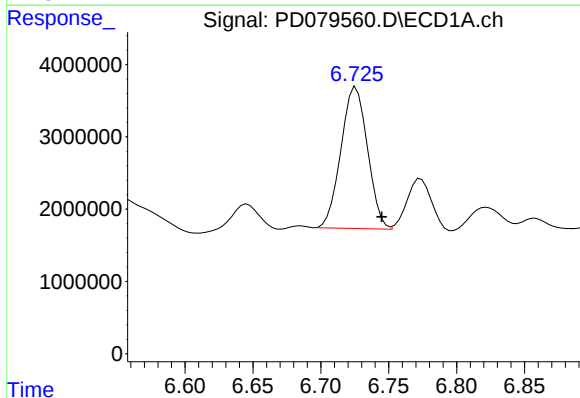
R.T.: 6.822 min  
Delta R.T.: -0.010 min  
Response: 4653805  
Conc: 2.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



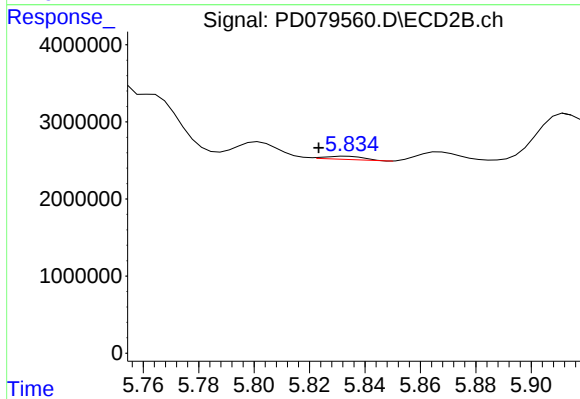
#15 Endosulfan II

R.T.: 5.970 min  
Delta R.T.: 0.002 min  
Response: 54374289  
Conc: 21.78 ng/ml



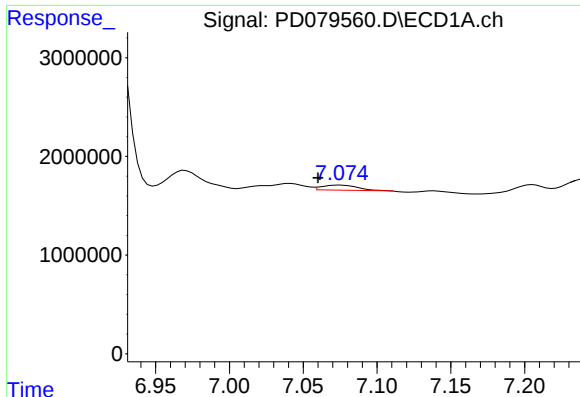
#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: -0.019 min  
Response: 26679251  
Conc: 15.18 ng/ml



#16 4,4'-DDD

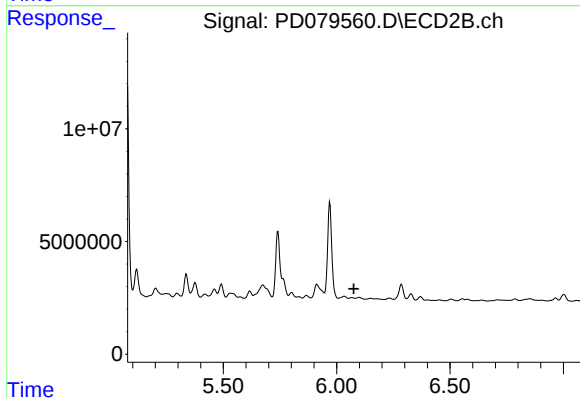
R.T.: 5.834 min  
Delta R.T.: 0.010 min  
Response: 388042  
Conc: 0.17 ng/ml



#17 4,4'-DDT

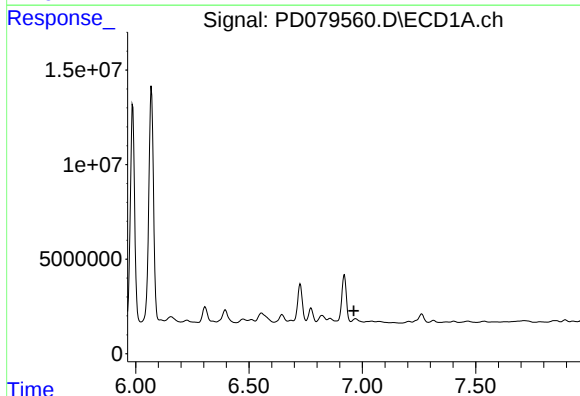
R.T.: 7.075 min  
Delta R.T.: 0.014 min  
Response: 693398  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



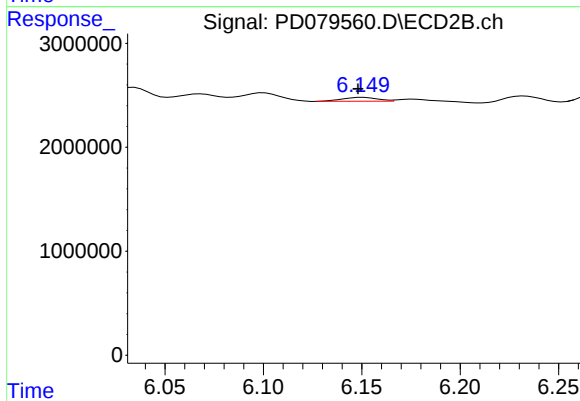
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: -0.007 min  
Response: -318574  
Conc: N.D.



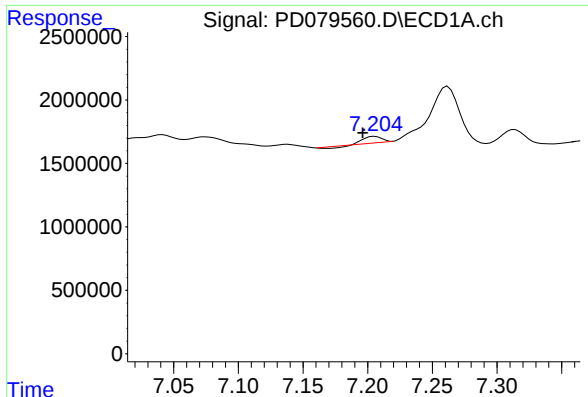
#18 Endrin aldehyde

R.T.: 6.970 min  
Delta R.T.: 0.008 min  
Response: -140346  
Conc: N.D.



#18 Endrin aldehyde

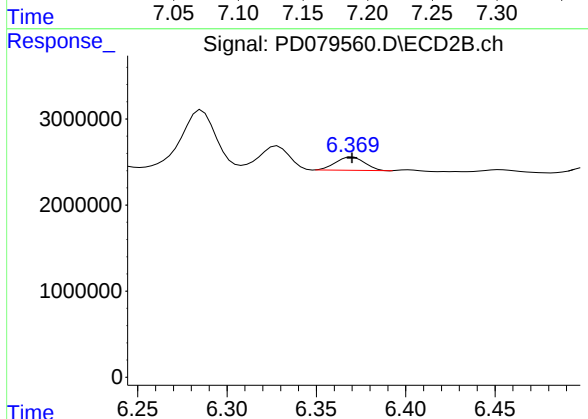
R.T.: 6.151 min  
Delta R.T.: 0.003 min  
Response: 461109  
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

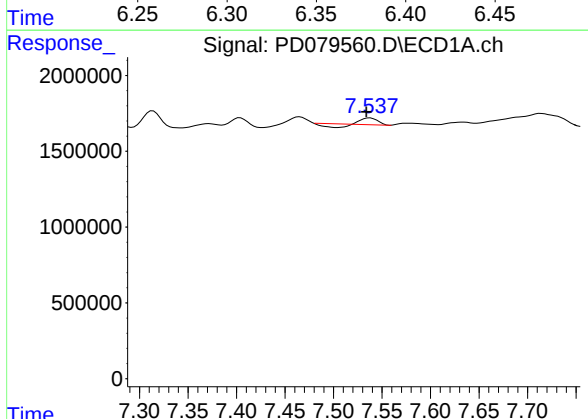
R.T.: 7.206 min  
Delta R.T.: 0.009 min  
Response: 369401  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



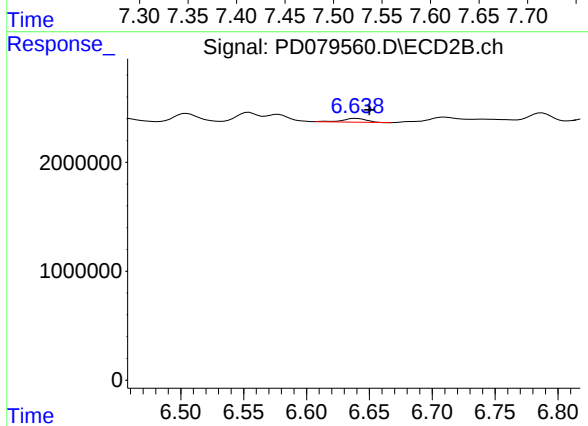
#19 Endosulfan Sulfate

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 1754708  
Conc: 0.75 ng/ml



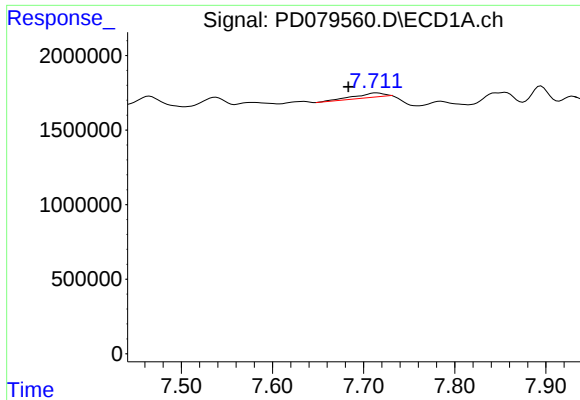
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.004 min  
Response: 277599  
Conc: 0.25 ng/ml



#20 Methoxychlor

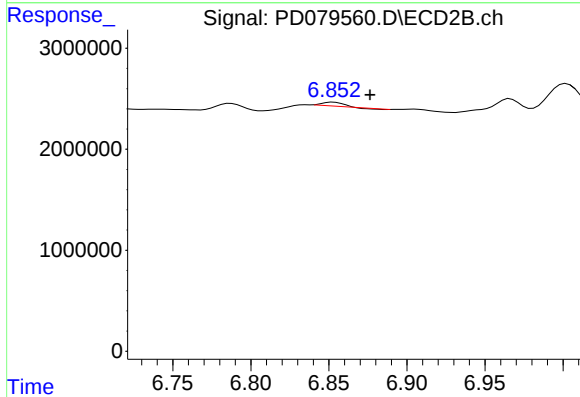
R.T.: 6.640 min  
Delta R.T.: -0.010 min  
Response: 449130  
Conc: 0.33 ng/ml



#21 Endrin ketone

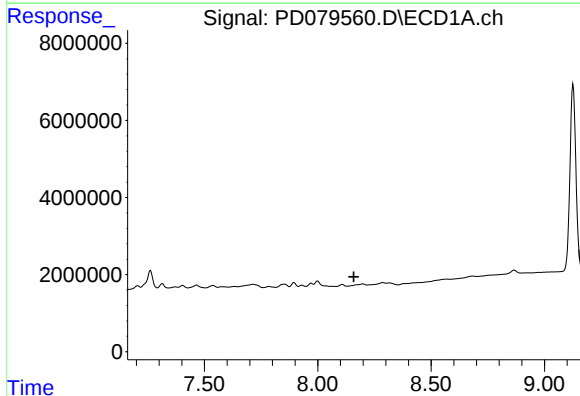
R.T.: 7.714 min  
Delta R.T.: 0.031 min  
Response: 676247  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



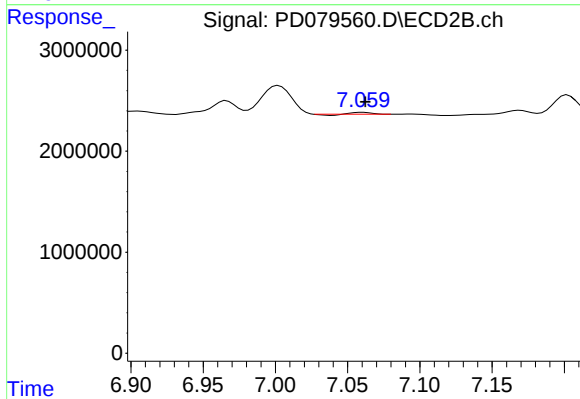
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.023 min  
Response: 312955  
Conc: 0.11 ng/ml



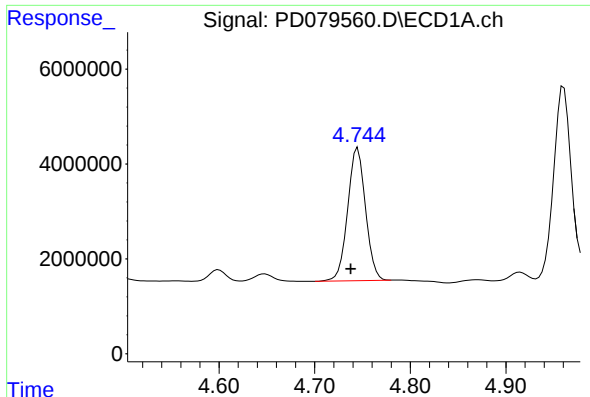
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.159 min  
Response: 0  
Conc: N.D.



#22 Mirex

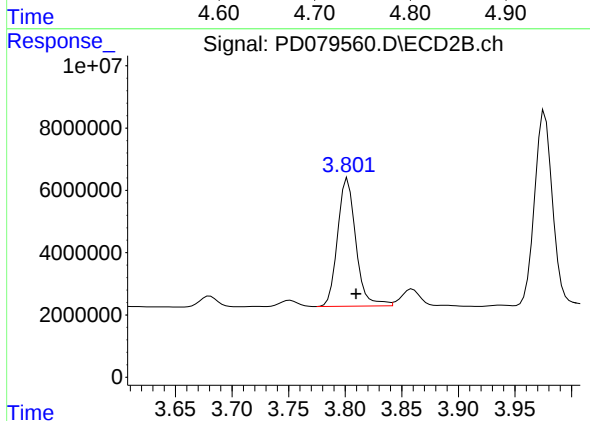
R.T.: 7.060 min  
Delta R.T.: -0.002 min  
Response: 87039  
Conc: 0.04 ng/ml



#23 Chlordane-1

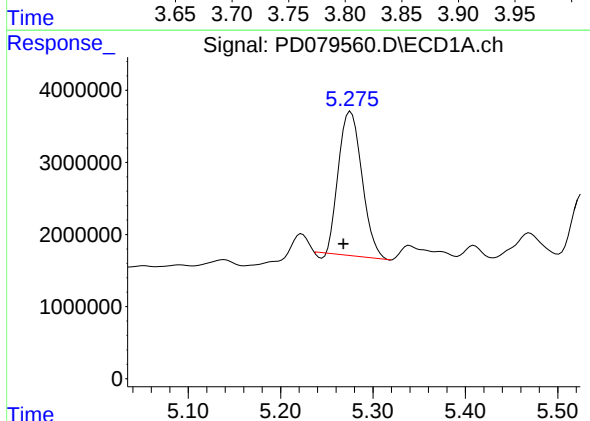
R.T.: 4.745 min  
Delta R.T.: 0.007 min  
Response: 36472273  
Conc: 469.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



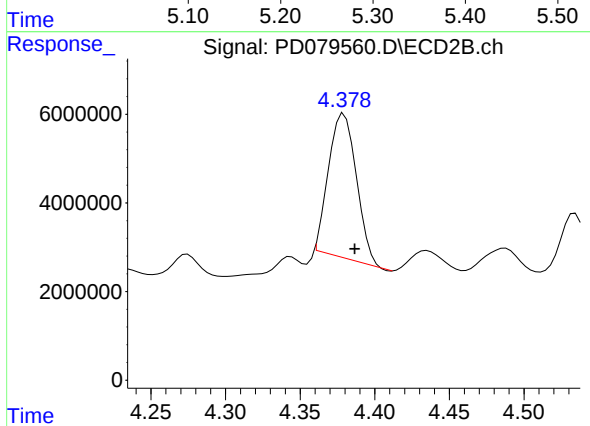
#23 Chlordane-1

R.T.: 3.802 min  
Delta R.T.: -0.008 min  
Response: 46150220  
Conc: 531.35 ng/ml



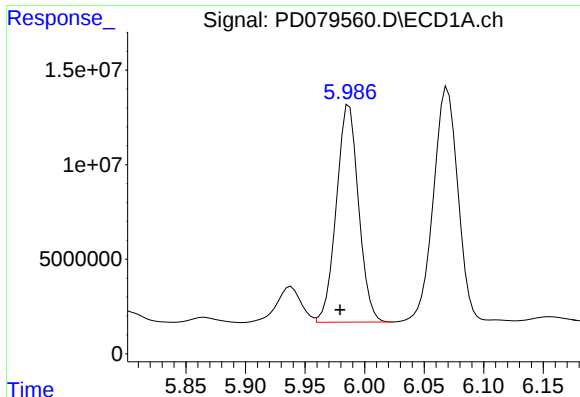
#24 Chlordane-2

R.T.: 5.276 min  
Delta R.T.: 0.008 min  
Response: 35091434  
Conc: 439.59 ng/ml



#24 Chlordane-2

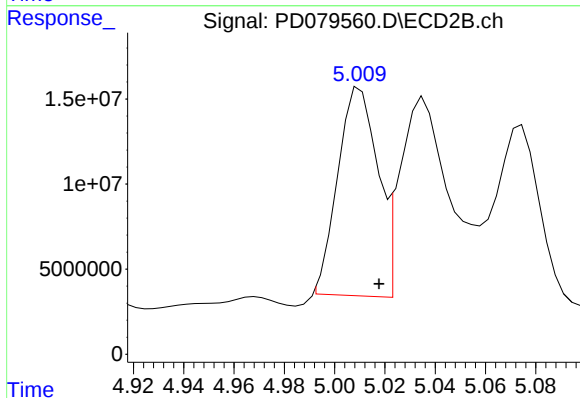
R.T.: 4.379 min  
Delta R.T.: -0.007 min  
Response: 42289037  
Conc: 465.44 ng/ml



#25 Chlordane-3

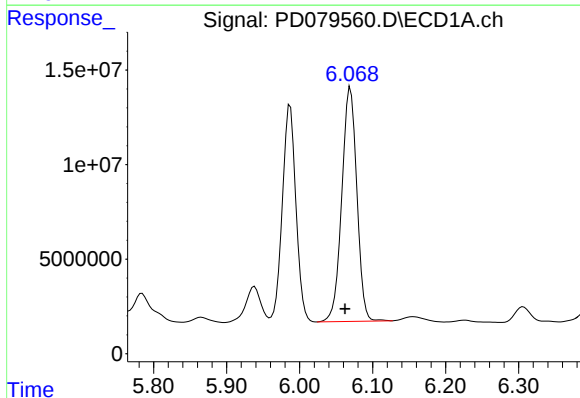
R.T.: 5.987 min  
Delta R.T.: 0.008 min  
Response: 148951893  
Conc: 480.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



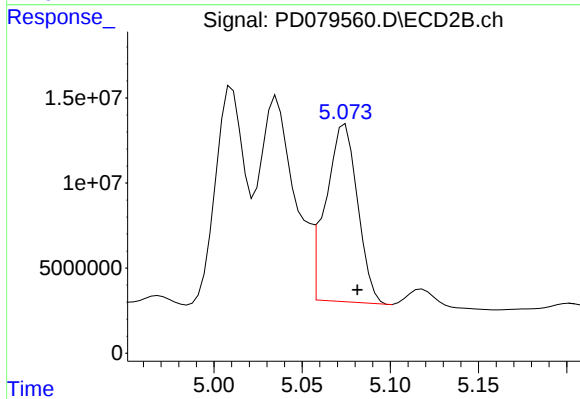
#25 Chlordane-3

R.T.: 5.010 min  
Delta R.T.: -0.007 min  
Response: 134195702  
Conc: 503.11 ng/ml



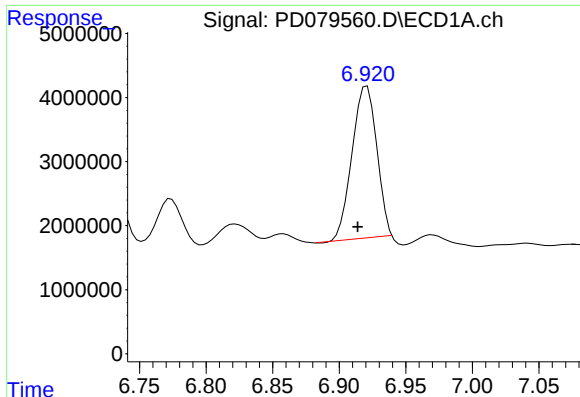
#26 Chlordane-4

R.T.: 6.070 min  
Delta R.T.: 0.007 min  
Response: 177159272  
Conc: 476.84 ng/ml



#26 Chlordane-4

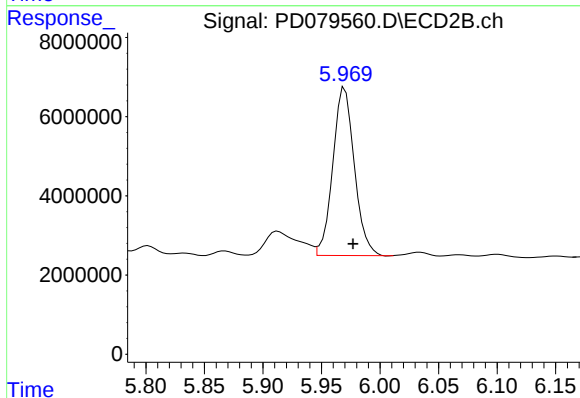
R.T.: 5.074 min  
Delta R.T.: -0.007 min  
Response: 130445278  
Conc: 531.61 ng/ml



#27 Chlordane-5

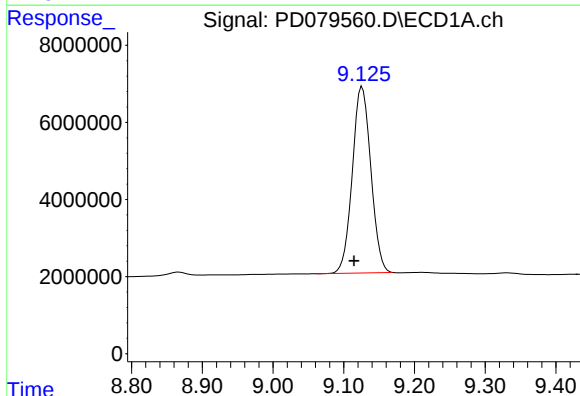
R.T.: 6.921 min  
Delta R.T.: 0.007 min  
Response: 30693915  
Conc: 436.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



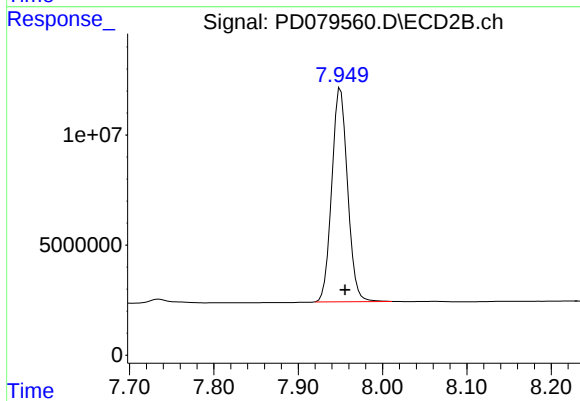
#27 Chlordane-5

R.T.: 5.970 min  
Delta R.T.: -0.007 min  
Response: 54374289  
Conc: 545.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.011 min  
Response: 88101081  
Conc: 43.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: -0.005 min  
Response: 126337676  
Conc: 51.83 ng/ml