

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
 Data File : PD079616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2023 18:11  
 Operator : AR\AJ  
 Sample : 05311-16  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 20:12:28 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... | 3.569  | 2.804  | 26037743  | 42374672 | 16.127  | 18.302   |
| 28)                         | SA Decachlor... | 9.116  | 7.948  | 24003803  | 33664136 | 11.966  | 13.811   |
| Target Compounds            |                 |        |        |           |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.301  | 0         | 585936   | N.D.    | 0.169 #  |
| 3)                          | MA gamma-BHC... | 4.333f | 3.643  | 1895706   | 1474563  | 0.729   | 0.434 #  |
| 4)                          | MA Heptachlor   | 4.974f | 3.977  | 877664    | 653379   | 0.328   | 0.214 #  |
| 5)                          | MB Aldrin       | 5.323f | 4.273  | 831621    | 1293527  | 0.323   | 0.395    |
| 6)                          | B beta-BHC      | 4.565  | 3.944  | 762581    | 766638   | 0.712   | 0.544    |
| 7)                          | B delta-BHC     | 0.000  | 4.158  | 0         | 286854   | N.D.    | 0.086 #  |
| 8)                          | B Heptachlo...  | 5.714  | 4.760  | 22879342  | 2571376  | 9.762   | 0.867 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.159f | 0         | 4926306  | N.D.    | 1.861 #  |
| 10)                         | B gamma-Chl...  | 5.979  | 5.011  | 51497590  | -478256  | 22.461  | N.D. #   |
| 11)                         | B alpha-Chl...  | 6.061  | 5.075  | 54668155  | 31427691 | 23.975  | 10.951 # |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.264  | 27206998  | 6375446  | 12.876  | 2.395 #  |
| 13)                         | MA Dieldrin     | 6.383  | 5.396  | -39057273 | 117.2E6  | N.D.    | 39.446   |
| 14)                         | MA Endrin       | 6.610  | 5.676  | 38161754  | 17612594 | 19.594  | 6.882 #  |
| 15)                         | B Endosulfa...  | 6.824  | 5.953f | 739057    | 54379042 | 0.362   | 21.782 # |
| 16)                         | A 4,4'-DDD      | 6.757  | 5.815  | 38827050  | 1888209  | 22.087  | 0.827 #  |
| 17)                         | MA 4,4'-DDT     | 7.034f | 6.064  | 96188585  | 164.9E6  | 50.795  | 72.012 # |
| 18)                         | B Endrin al...  | 6.973  | 6.163  | 4763197   | 4191546  | 3.084   | 2.254 #  |
| 19)                         | B Endosulfa...  | 7.179f | 6.366  | 6330521   | 6451194  | 3.184   | 2.763    |
| 20)                         | A Methoxychlor  | 7.526  | 6.674f | 201183    | 1991506  | 0.184   | 1.467 #  |
| 21)                         | B Endrin ke...  | 7.699f | 6.903f | 2519140   | 1352156  | 1.155   | 0.484 #  |
| 22)                         | Mirex           | 8.157  | 0.000  | 368368    | 0        | 0.218   | N.D. #   |
| 23)                         | Chlordane-1     | 4.735  | 3.815  | 392179    | 2135553  | 5.044   | 24.588 # |
| 24)                         | Chlordane-2     | 5.268  | 4.386  | -126278   | 737075   | N.D.    | 8.112    |
| 25)                         | Chlordane-3     | 5.979  | 5.011  | 51497590  | -478256  | 166.119 | N.D. #   |
| 26)                         | Chlordane-4     | 6.061  | 5.075  | 54668155  | 31427691 | 147.146 | 128.078  |
| 27)                         | Chlordane-5     | 6.911  | 5.953f | -10838598 | 54379042 | N.D.    | 545.623  |
| -----                       |                 |        |        |           |          |         |          |

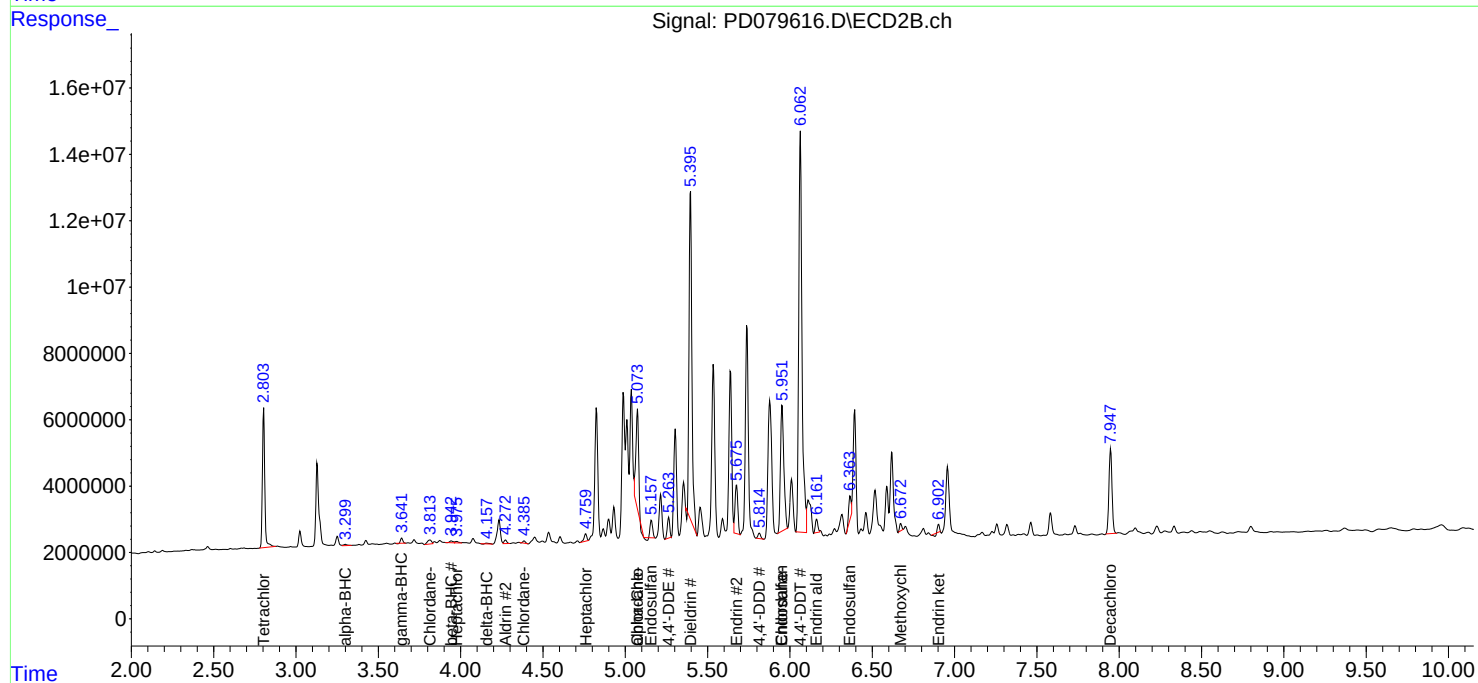
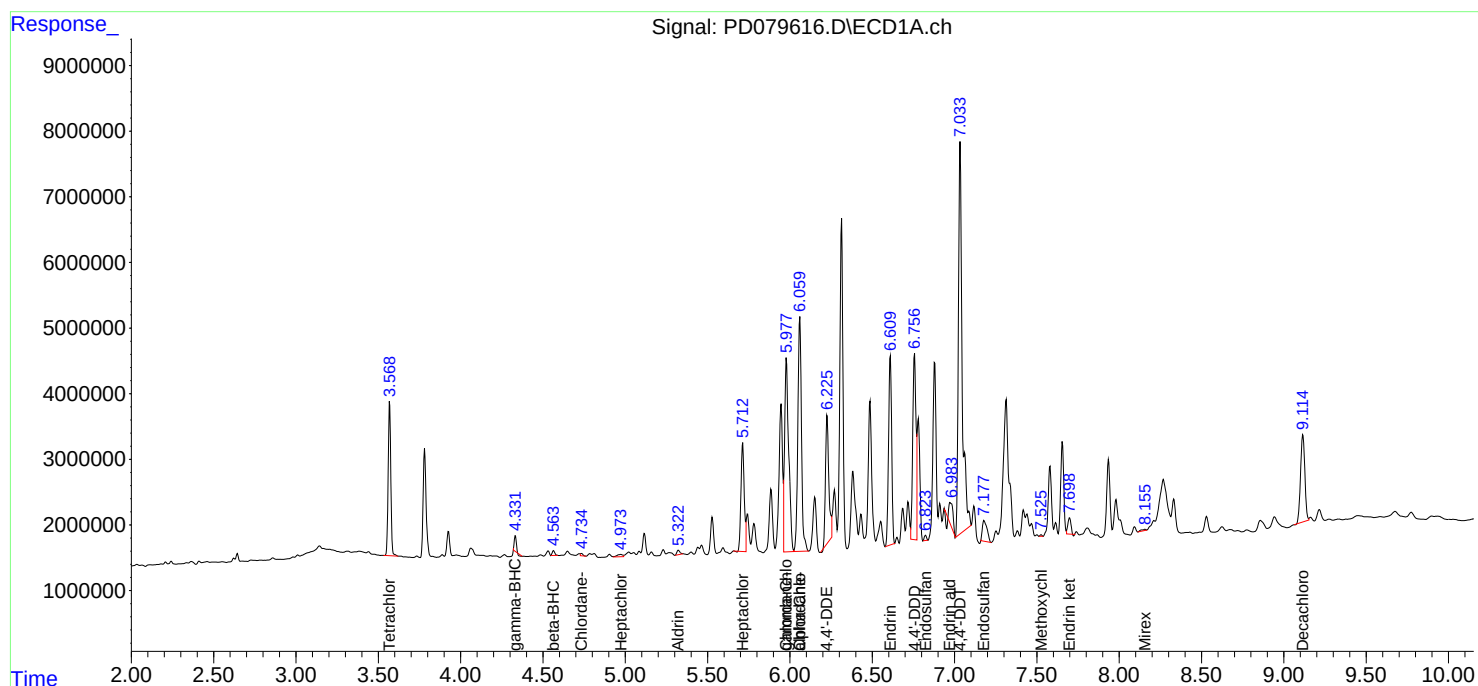
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

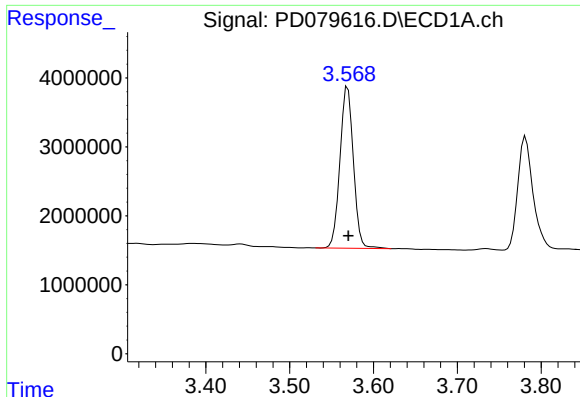
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
Data File : PD079616.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2023 18:11  
Operator : AR\AJ  
Sample : 05311-16  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 20:12:28 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

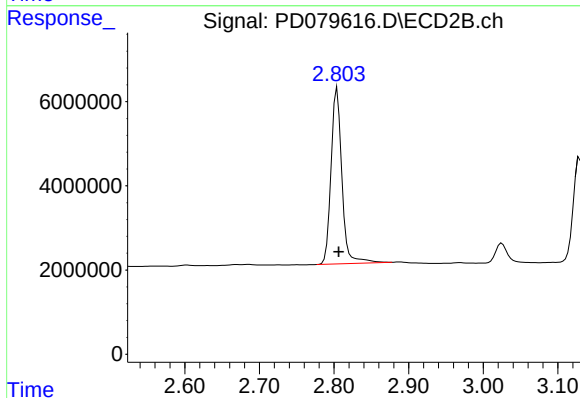




#1 Tetrachloro-m-xylene

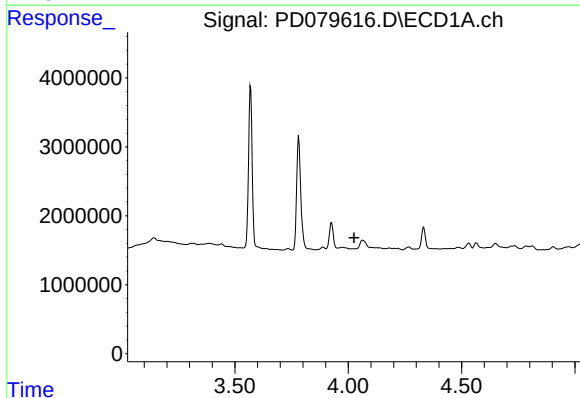
R.T.: 3.569 min  
Delta R.T.: 0.000 min  
Response: 26037743  
Conc: 16.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



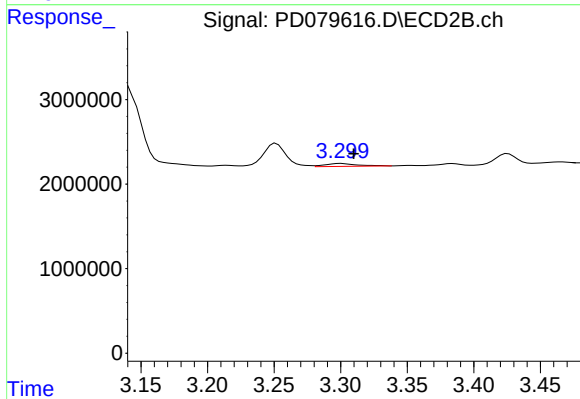
#1 Tetrachloro-m-xylene

R.T.: 2.804 min  
Delta R.T.: -0.002 min  
Response: 42374672  
Conc: 18.30 ng/ml



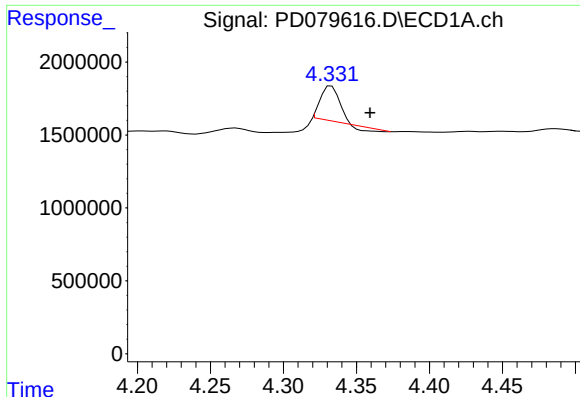
#2 alpha-BHC

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



#2 alpha-BHC

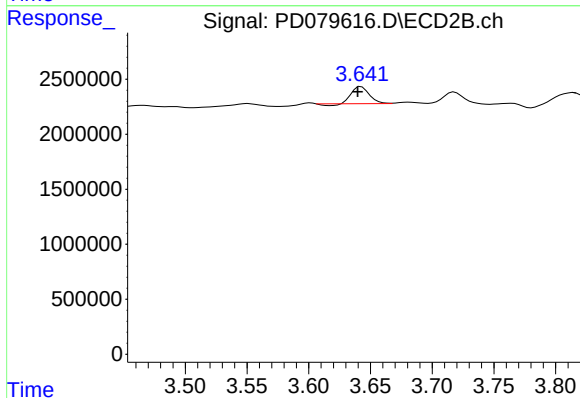
R.T.: 3.301 min  
Delta R.T.: -0.009 min  
Response: 585936  
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

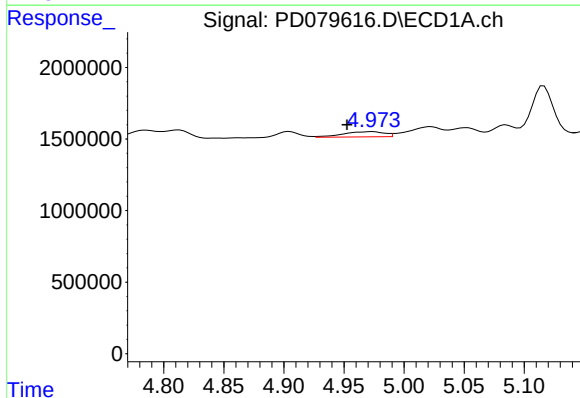
R.T.: 4.333 min  
Delta R.T.: -0.026 min  
Response: 1895706  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



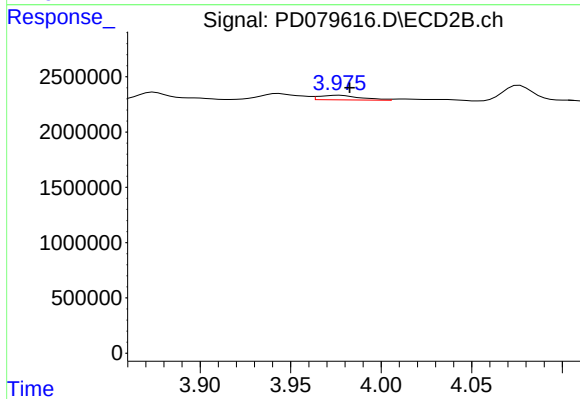
#3 gamma-BHC (Lindane)

R.T.: 3.643 min  
Delta R.T.: 0.003 min  
Response: 1474563  
Conc: 0.43 ng/ml



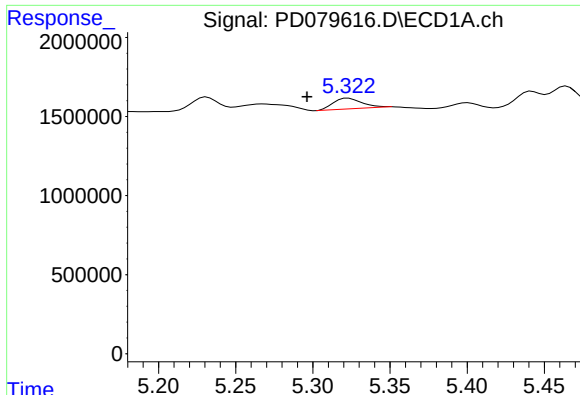
#4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: 0.022 min  
Response: 877664  
Conc: 0.33 ng/ml



#4 Heptachlor

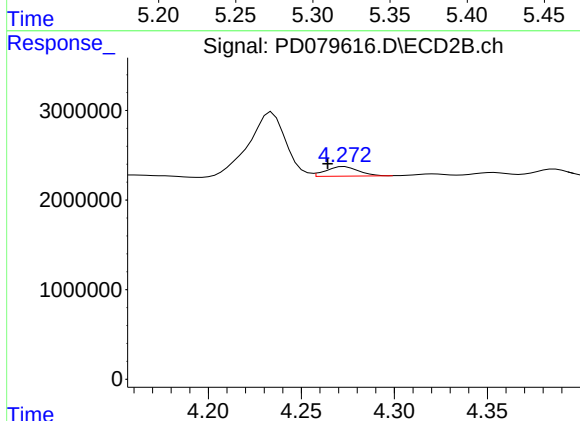
R.T.: 3.977 min  
Delta R.T.: -0.006 min  
Response: 653379  
Conc: 0.21 ng/ml



#5 Aldrin

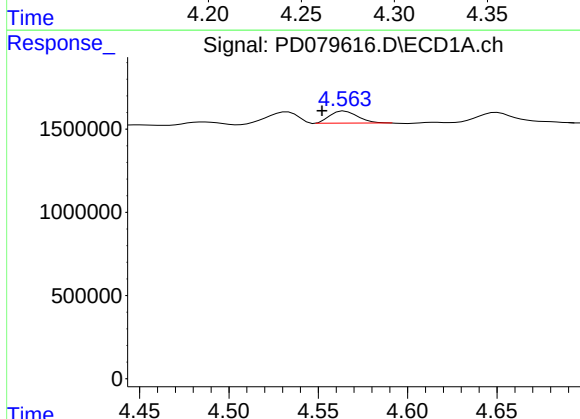
R.T.: 5.323 min  
Delta R.T.: 0.027 min  
Response: 831621  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



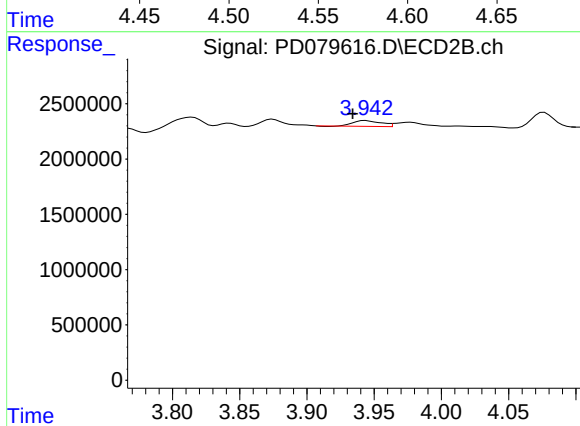
#5 Aldrin

R.T.: 4.273 min  
Delta R.T.: 0.009 min  
Response: 1293527  
Conc: 0.40 ng/ml



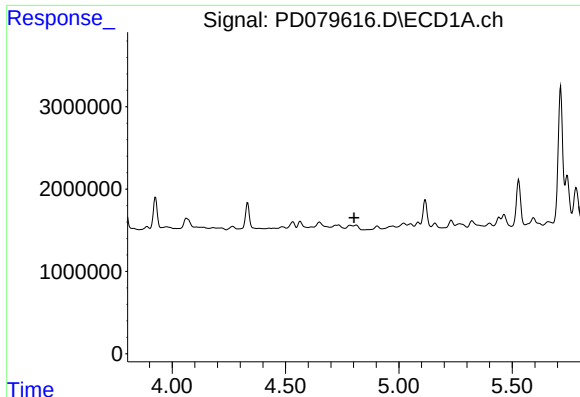
#6 beta-BHC

R.T.: 4.565 min  
Delta R.T.: 0.013 min  
Response: 762581  
Conc: 0.71 ng/ml



#6 beta-BHC

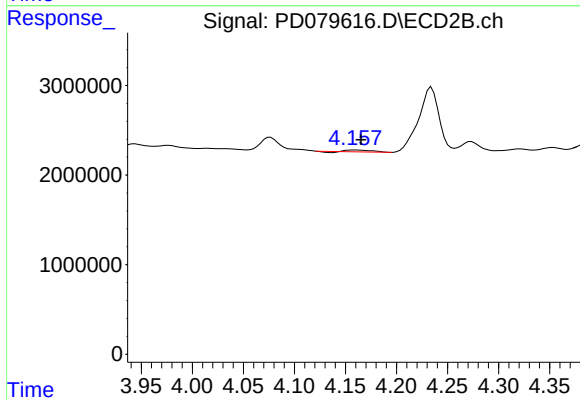
R.T.: 3.944 min  
Delta R.T.: 0.010 min  
Response: 766638  
Conc: 0.54 ng/ml



#7 delta-BHC

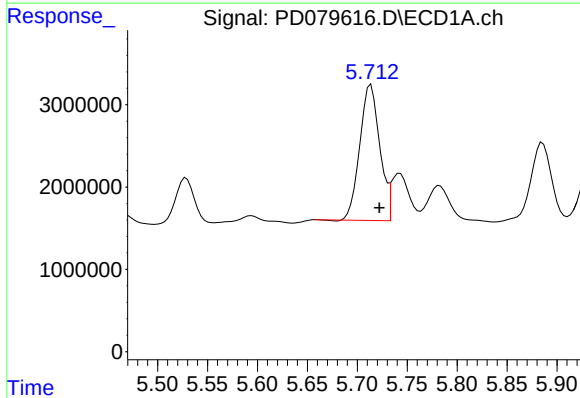
R.T.: 0.000 min  
Exp R.T.: 4.802 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



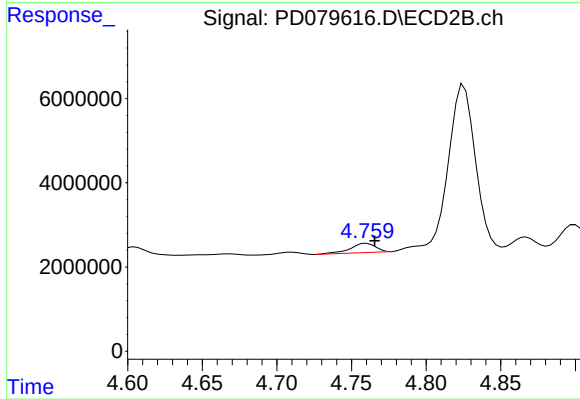
#7 delta-BHC

R.T.: 4.158 min  
Delta R.T.: -0.007 min  
Response: 286854  
Conc: 0.09 ng/ml



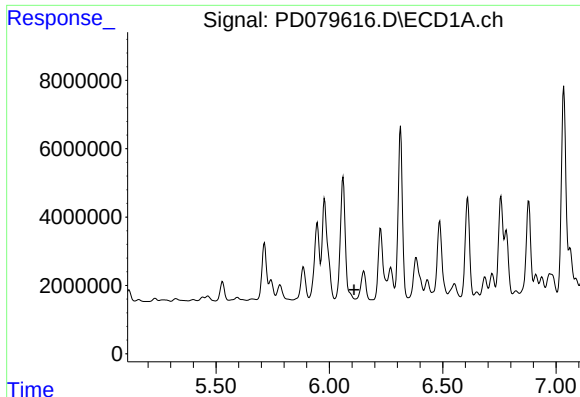
#8 Heptachlor epoxide

R.T.: 5.714 min  
Delta R.T.: -0.008 min  
Response: 22879342  
Conc: 9.76 ng/ml



#8 Heptachlor epoxide

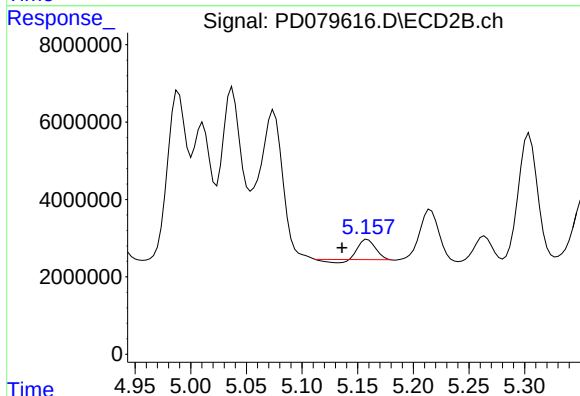
R.T.: 4.760 min  
Delta R.T.: -0.005 min  
Response: 2571376  
Conc: 0.87 ng/ml



#9 Endosulfan I

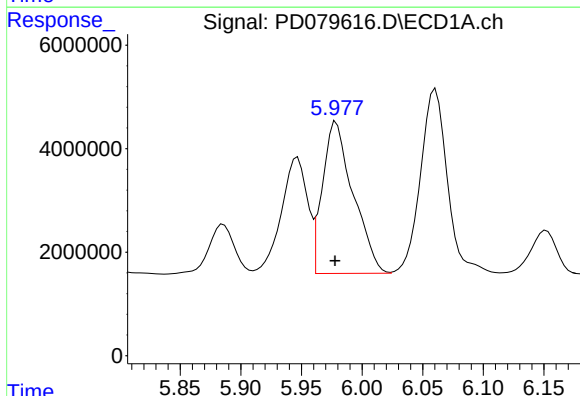
R.T.: 0.000 min  
Exp R.T.: 6.109 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



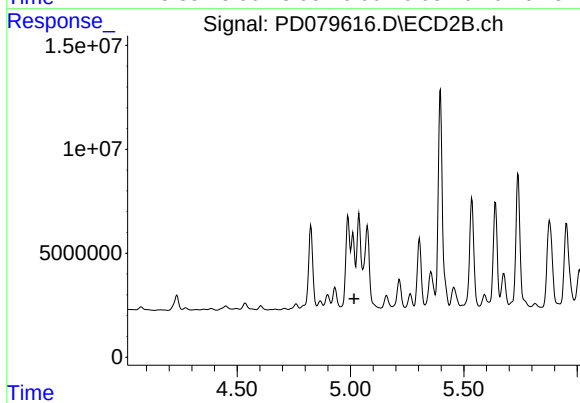
#9 Endosulfan I

R.T.: 5.159 min  
Delta R.T.: 0.023 min  
Response: 4926306  
Conc: 1.86 ng/ml



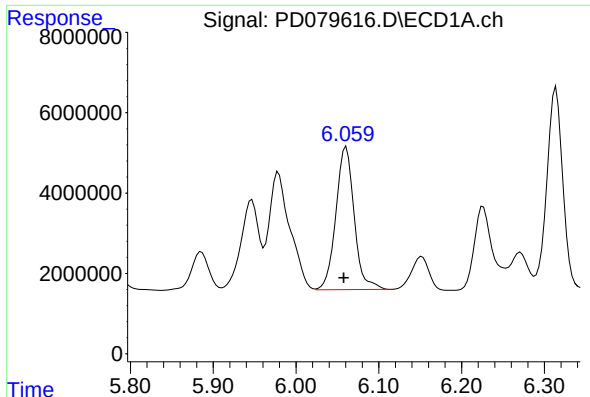
#10 gamma-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 51497590  
Conc: 22.46 ng/ml



#10 gamma-Chlordane

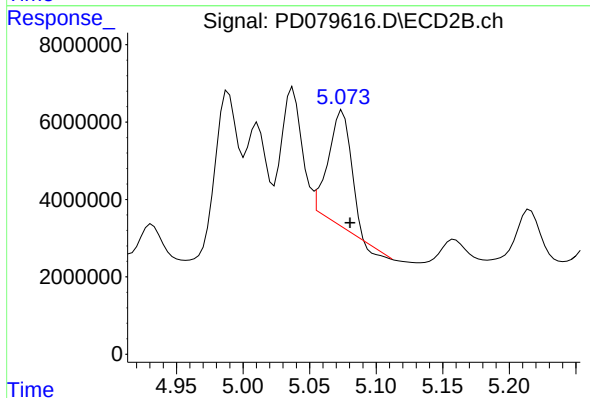
R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: -478256  
Conc: N.D.



#11 alpha-Chlordane

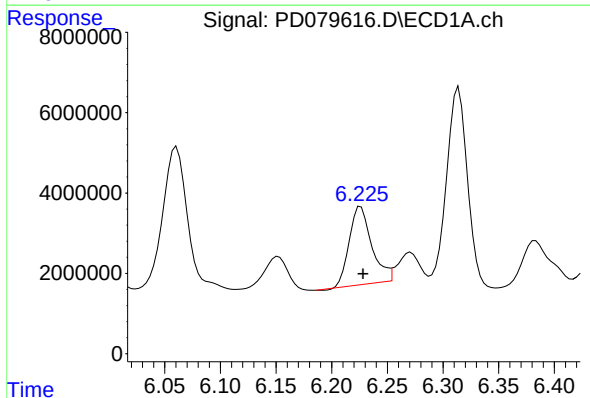
R.T.: 6.061 min  
Delta R.T.: 0.003 min  
Response: 54668155  
Conc: 23.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



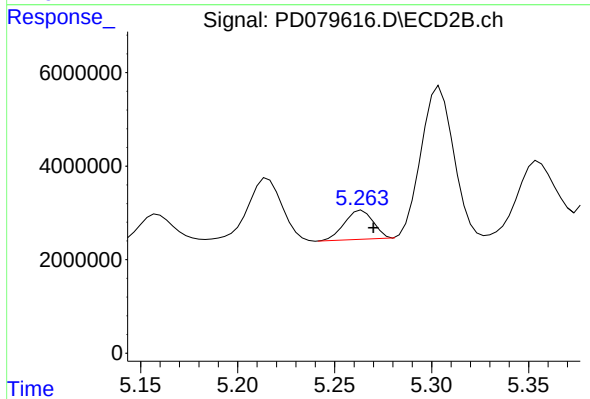
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.006 min  
Response: 31427691  
Conc: 10.95 ng/ml



#12 4,4'-DDE

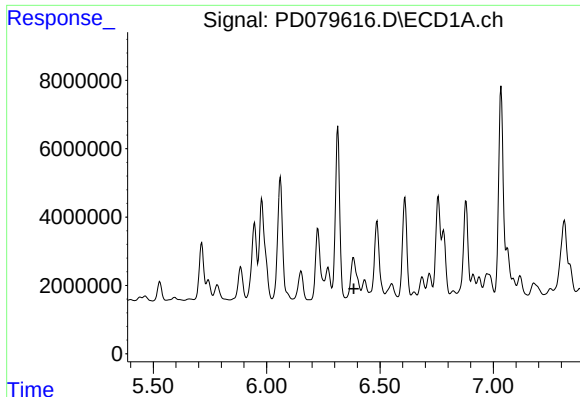
R.T.: 6.226 min  
Delta R.T.: -0.002 min  
Response: 27206998  
Conc: 12.88 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: -0.006 min  
Response: 6375446  
Conc: 2.39 ng/ml

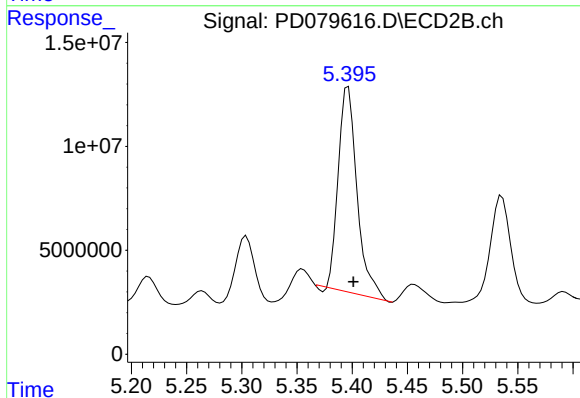




#13 Dieldrin

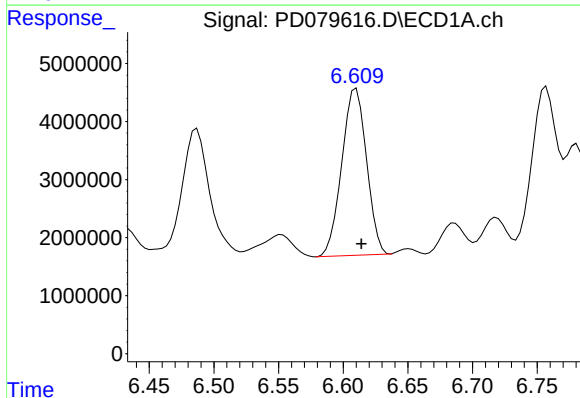
R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: -39057273  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



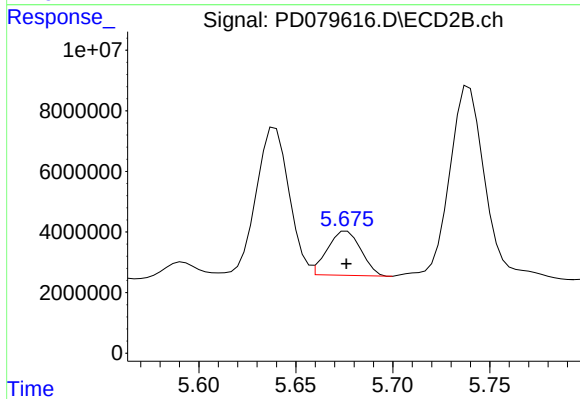
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: -0.005 min  
Response: 117151571  
Conc: 39.45 ng/ml



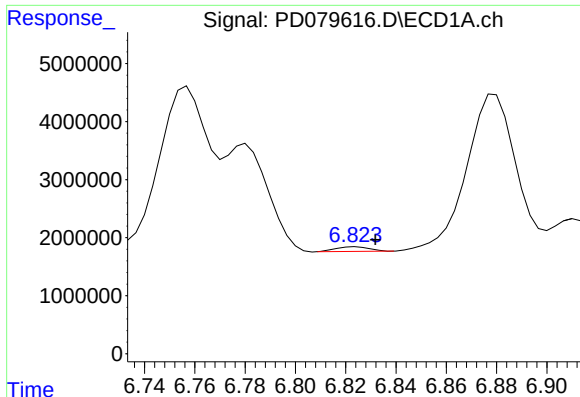
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.004 min  
Response: 38161754  
Conc: 19.59 ng/ml



#14 Endrin

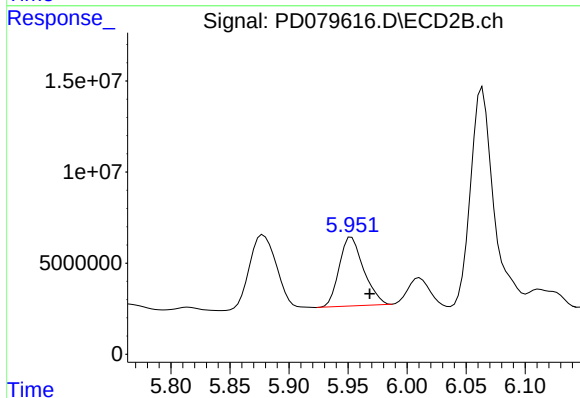
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 17612594  
Conc: 6.88 ng/ml



#15 Endosulfan II

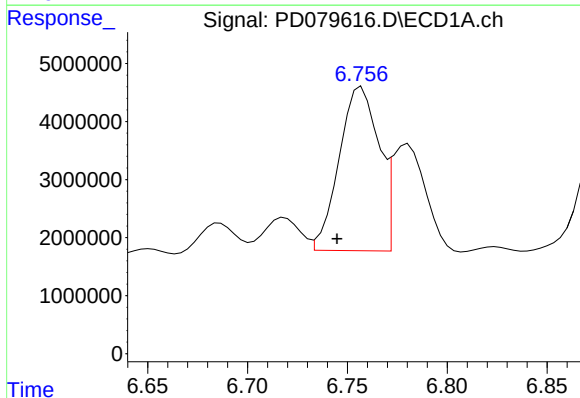
R.T.: 6.824 min  
Delta R.T.: -0.008 min  
Response: 739057  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



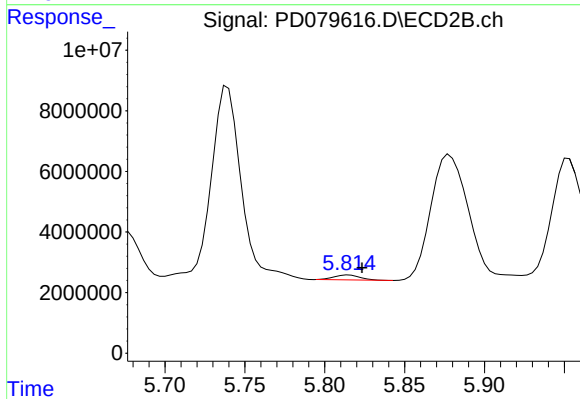
#15 Endosulfan II

R.T.: 5.953 min  
Delta R.T.: -0.015 min  
Response: 54379042  
Conc: 21.78 ng/ml



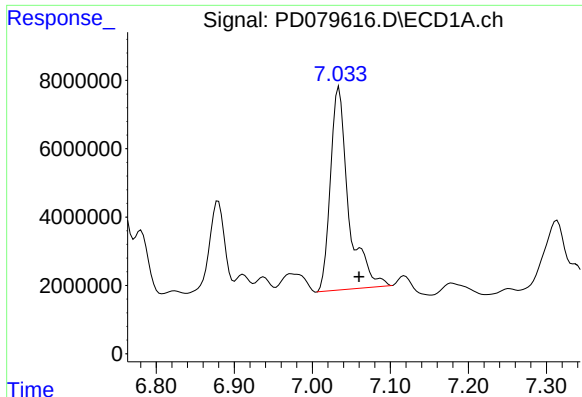
#16 4,4'-DDD

R.T.: 6.757 min  
Delta R.T.: 0.012 min  
Response: 38827050  
Conc: 22.09 ng/ml



#16 4,4'-DDD

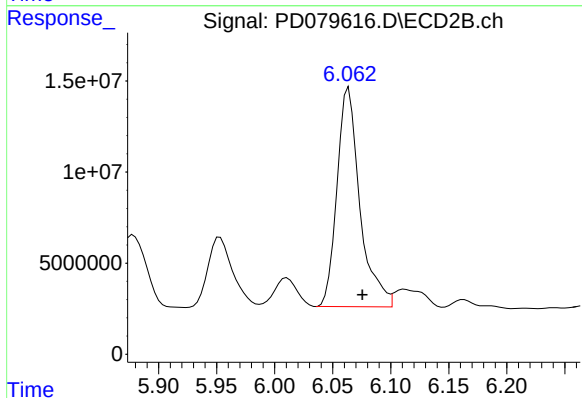
R.T.: 5.815 min  
Delta R.T.: -0.008 min  
Response: 1888209  
Conc: 0.83 ng/ml



#17 4,4'-DDT

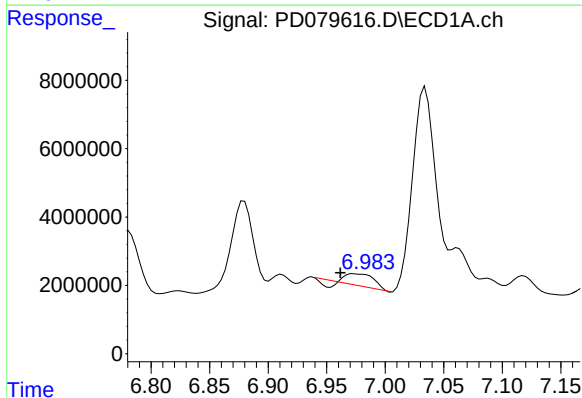
R.T.: 7.034 min  
Delta R.T.: -0.026 min  
Response: 96188585  
Conc: 50.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



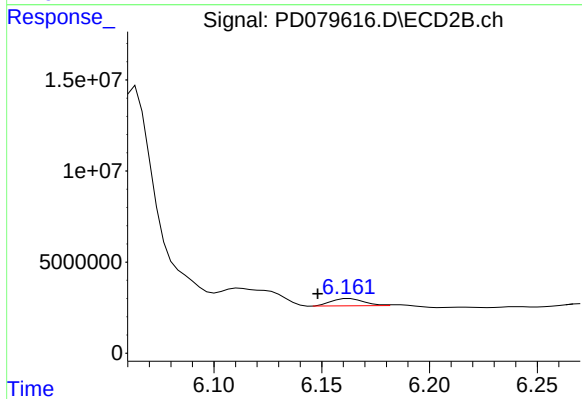
#17 4,4'-DDT

R.T.: 6.064 min  
Delta R.T.: -0.012 min  
Response: 164862250  
Conc: 72.01 ng/ml



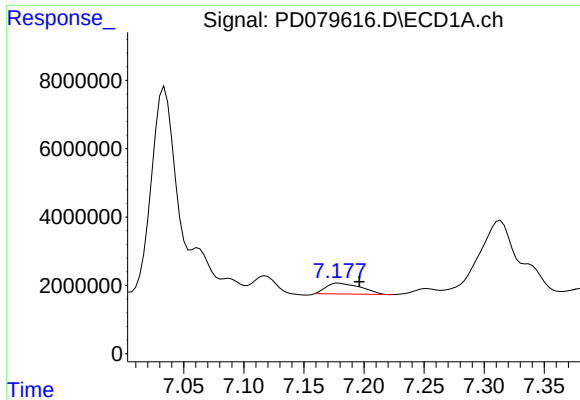
#18 Endrin aldehyde

R.T.: 6.973 min  
Delta R.T.: 0.011 min  
Response: 4763197  
Conc: 3.08 ng/ml



#18 Endrin aldehyde

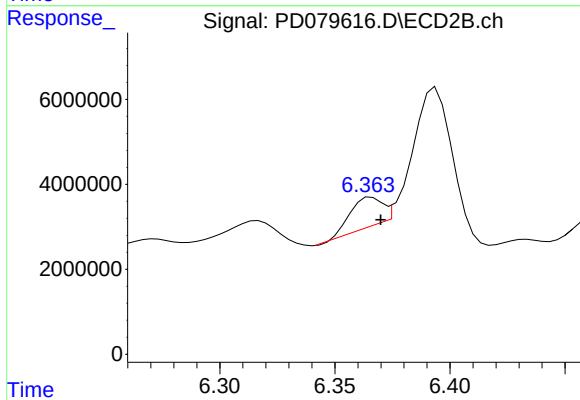
R.T.: 6.163 min  
Delta R.T.: 0.015 min  
Response: 4191546  
Conc: 2.25 ng/ml



#19 Endosulfan Sulfate

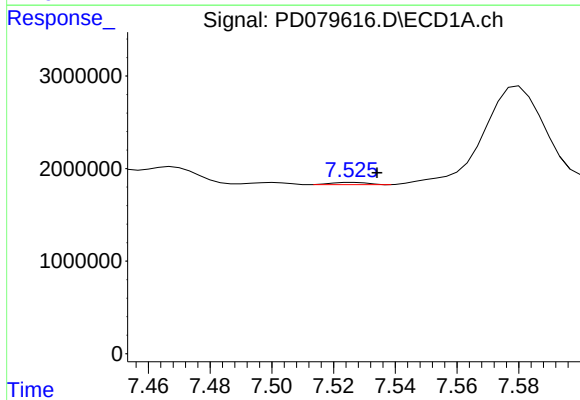
R.T.: 7.179 min  
Delta R.T.: -0.017 min  
Response: 6330521  
Conc: 3.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



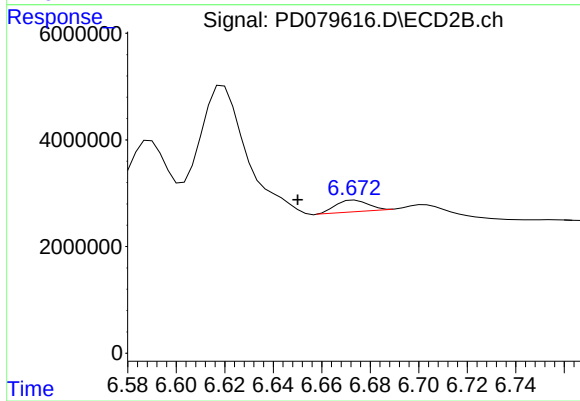
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: -0.004 min  
Response: 6451194  
Conc: 2.76 ng/ml



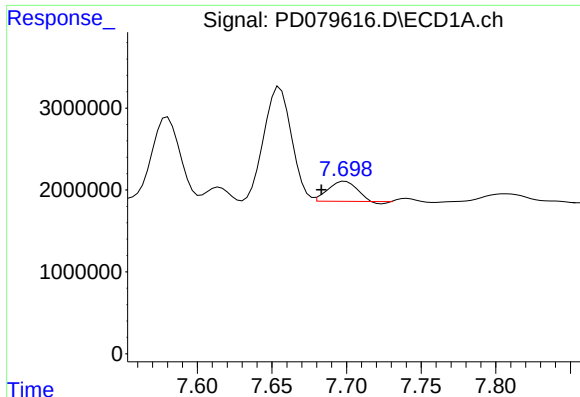
#20 Methoxychlor

R.T.: 7.526 min  
Delta R.T.: -0.008 min  
Response: 201183  
Conc: 0.18 ng/ml



#20 Methoxychlor

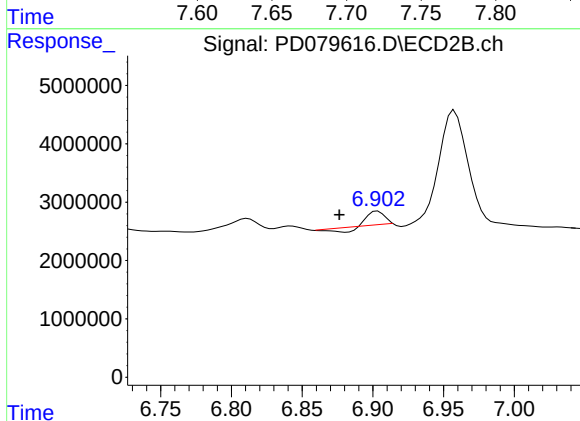
R.T.: 6.674 min  
Delta R.T.: 0.024 min  
Response: 1991506  
Conc: 1.47 ng/ml



#21 Endrin ketone

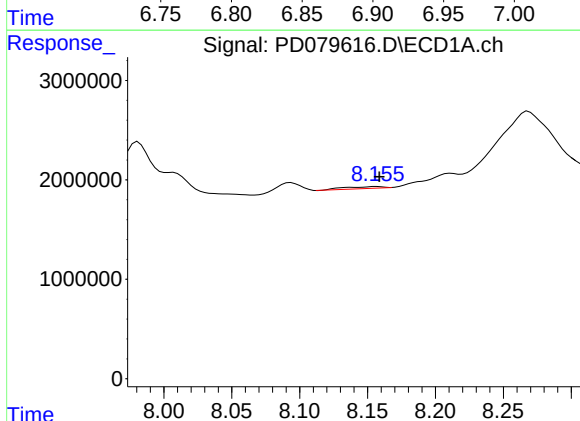
R.T.: 7.699 min  
Delta R.T.: 0.016 min  
Response: 2519140  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



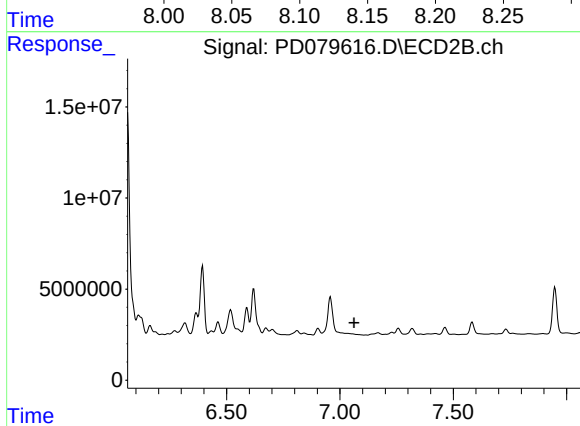
#21 Endrin ketone

R.T.: 6.903 min  
Delta R.T.: 0.027 min  
Response: 1352156  
Conc: 0.48 ng/ml



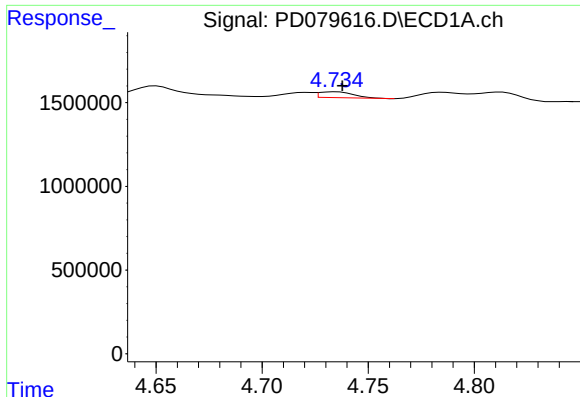
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: -0.002 min  
Response: 368368  
Conc: 0.22 ng/ml



#22 Mirex

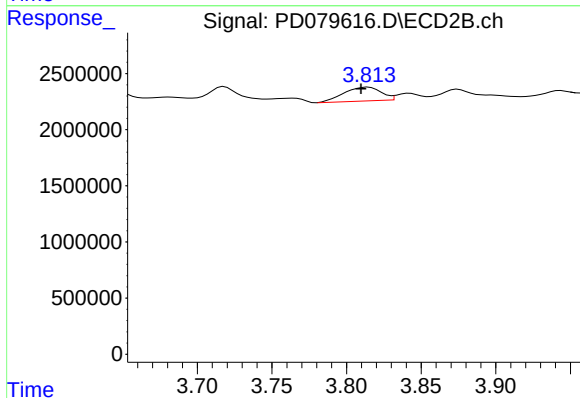
R.T.: 0.000 min  
Exp R.T. : 7.062 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

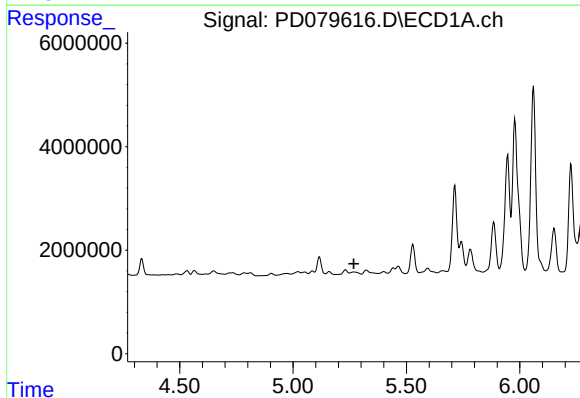
R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 392179  
Conc: 5.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



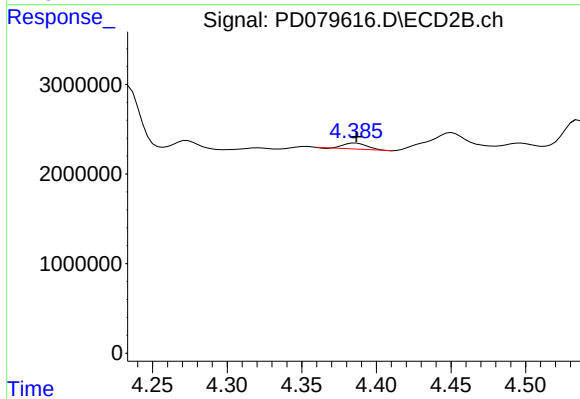
#23 Chlordane-1

R.T.: 3.815 min  
Delta R.T.: 0.005 min  
Response: 213553  
Conc: 24.59 ng/ml



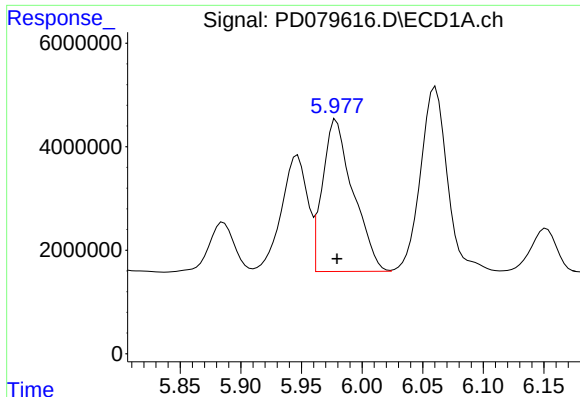
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: -126278  
Conc: N.D.



#24 Chlordane-2

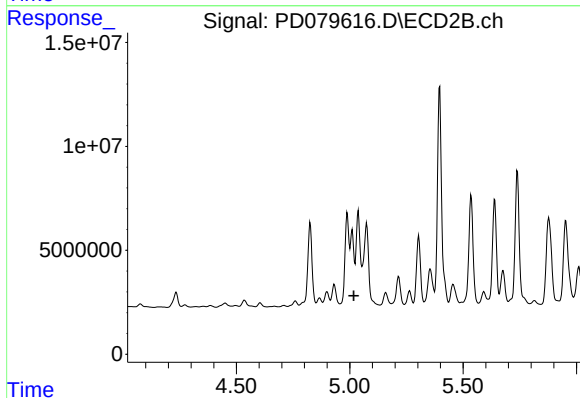
R.T.: 4.386 min  
Delta R.T.: 0.000 min  
Response: 737075  
Conc: 8.11 ng/ml



#25 Chlordane-3

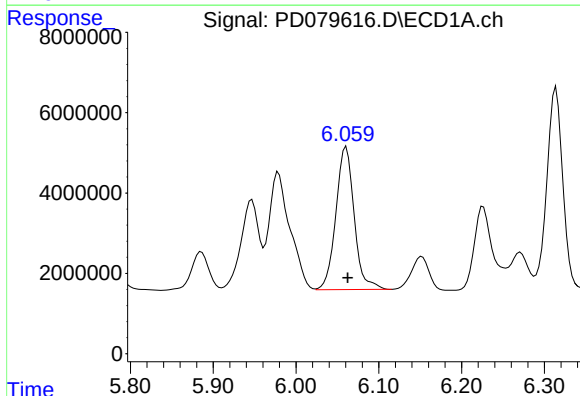
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 51497590  
Conc: 166.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



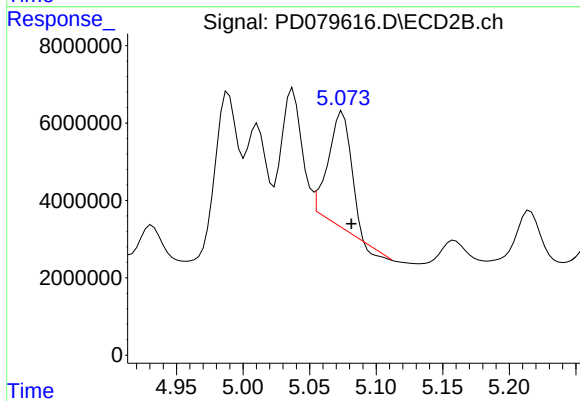
#25 Chlordane-3

R.T.: 5.011 min  
Delta R.T.: -0.007 min  
Response: -478256  
Conc: N.D.



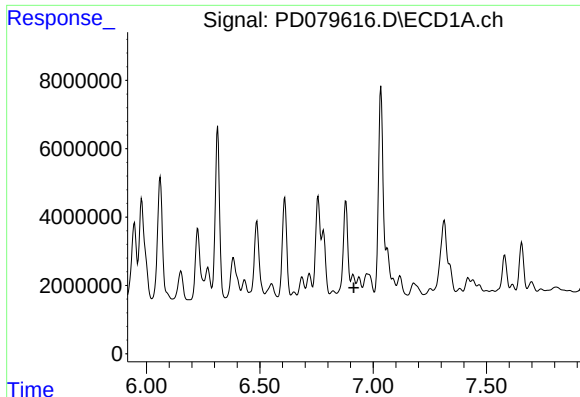
#26 Chlordane-4

R.T.: 6.061 min  
Delta R.T.: -0.002 min  
Response: 54668155  
Conc: 147.15 ng/ml



#26 Chlordane-4

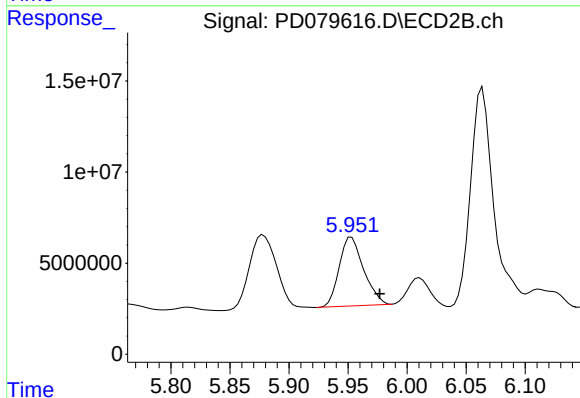
R.T.: 5.075 min  
Delta R.T.: -0.007 min  
Response: 31427691  
Conc: 128.08 ng/ml



#27 Chlordane-5

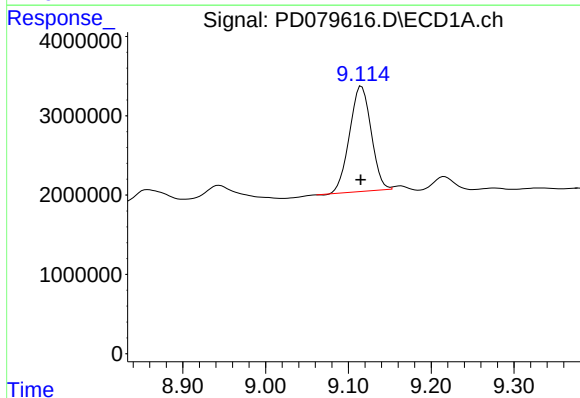
R.T.: 6.911 min  
Delta R.T.: -0.003 min  
Response: -10838598  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



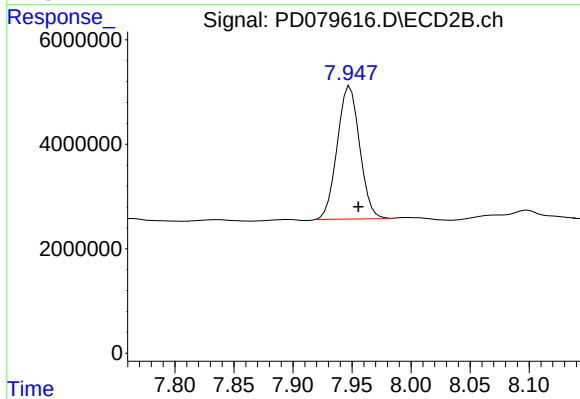
#27 Chlordane-5

R.T.: 5.953 min  
Delta R.T.: -0.024 min  
Response: 54379042  
Conc: 545.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min  
Delta R.T.: 0.001 min  
Response: 24003803  
Conc: 11.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: -0.007 min  
Response: 33664136  
Conc: 13.81 ng/ml