

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020224\  
 Data File : PD081049.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2024 20:34  
 Operator : AR\AJ  
 Sample : P1337-13  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 01:53:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.566  | 2.796  | 31387750 | 54490742 | 22.111 | 22.779  |
| 28)                         | SA Decachlor... | 9.114  | 7.934  | 30874798 | 43422309 | 15.342 | 16.302  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.293  | 0        | 753123   | N.D.   | 0.196 # |
| 3)                          | MA gamma-BHC... | 4.331f | 3.634  | 1039710  | 1913292  | 0.425  | 0.512   |
| 4)                          | MA Heptachlor   | 4.974f | 3.967  | 751069   | 466348   | 0.305  | 0.135 # |
| 5)                          | MB Aldrin       | 5.261f | 4.266f | 2718962  | 683954   | 1.108  | 0.188 # |
| 6)                          | B beta-BHC      | 4.562  | 0.000  | 204387   | 0        | 0.202  | N.D. #  |
| 7)                          | B delta-BHC     | 4.791  | 4.148  | 963733   | 436109   | 0.384  | 0.116 # |
| 8)                          | B Heptachlo...  | 5.704  | 4.750  | 3793015  | 764067   | 1.694  | 0.228 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.105f | 0        | 1237024  | N.D.   | 0.404 # |
| 10)                         | B gamma-Chl...  | 5.975  | 4.999  | 12913588 | 13045657 | 5.899  | 3.988 # |
| 11)                         | B alpha-Chl...  | 6.057  | 5.063  | 16050833 | 16269895 | 7.372  | 4.976 # |
| 12)                         | B 4,4'-DDE      | 6.224  | 5.252  | 1569524  | 2290385  | 0.771  | 0.748   |
| 13)                         | MA Dieldrin     | 6.381  | 5.387  | 468190   | 2819682  | 0.212  | 0.829 # |
| 14)                         | MA Endrin       | 6.608  | 5.669  | 129391   | 2806748  | 0.069  | 0.947 # |
| 15)                         | B Endosulfa...  | 6.853f | 5.958  | 170478   | 6413238  | 0.088  | 2.230 # |
| 16)                         | A 4,4'-DDD      | 6.761f | 5.811  | 802896   | -253298  | 0.489  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.056  | 1894188  | 3987129  | 1.064  | 1.503 # |
| 18)                         | B Endrin al...  | 6.963  | 0.000  | 368644   | 0        | 0.242  | N.D. #  |
| 19)                         | B Endosulfa...  | 7.219f | 6.373f | 627472   | 2964765  | 0.330  | 1.063 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.607f | 0        | 721192   | N.D.   | 0.461 # |
| 21)                         | B Endrin ke...  | 7.698f | 0.000  | 918740   | 0        | 0.439  | N.D. #  |
| 22)                         | Mirex           | 8.133f | 7.043  | 65524    | 109606   | 0.040  | 0.043   |
| 23)                         | Chlordane-1     | 4.732  | 3.794  | 1506433  | 1730348  | 19.510 | 17.015  |
| 24)                         | Chlordane-2     | 5.261  | 4.372  | 2718962  | 4255751  | 32.845 | 34.721  |
| 25)                         | Chlordane-3     | 5.975  | 4.999  | 12913588 | 13045657 | 40.892 | 38.871  |
| 26)                         | Chlordane-4     | 6.057  | 5.063  | 16050833 | 16269895 | 42.156 | 51.212  |
| 27)                         | Chlordane-5     | 6.910  | 5.958  | 3240998  | 6413238  | 46.426 | 52.896  |
| -----                       |                 |        |        |          |          |        |         |

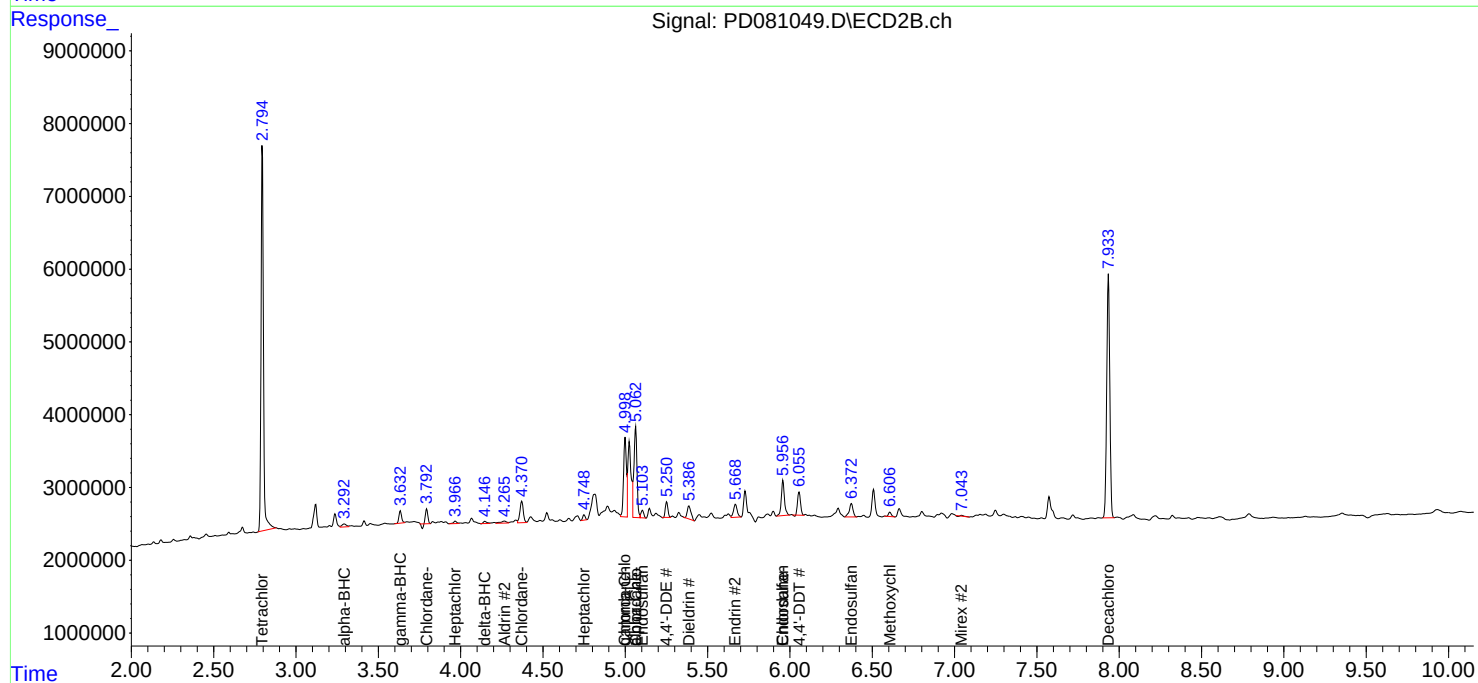
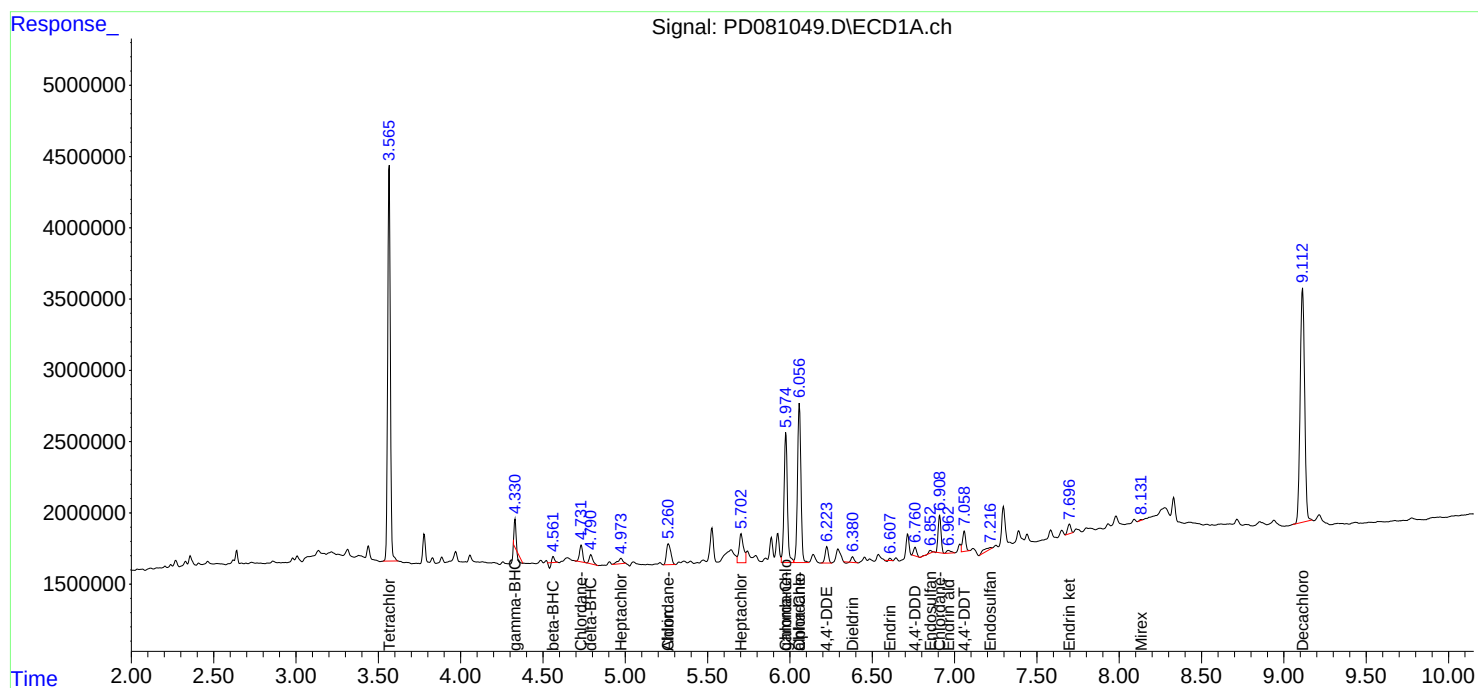
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

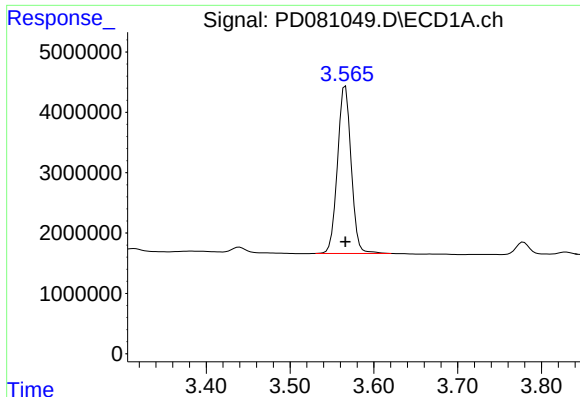
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020224\  
Data File : PD081049.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Feb 2024 20:34  
Operator : AR\AJ  
Sample : P1337-13  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 03 01:53:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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

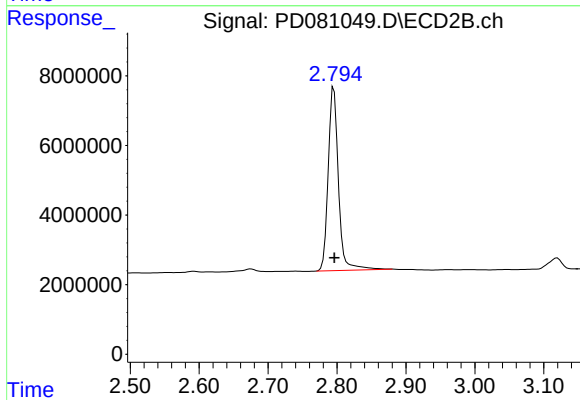




#1 Tetrachloro-m-xylene

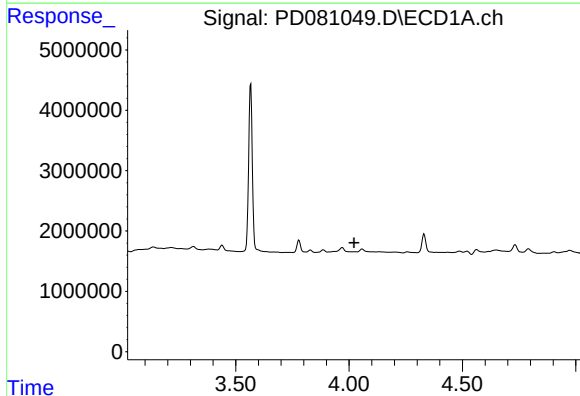
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 31387750  
Conc: 22.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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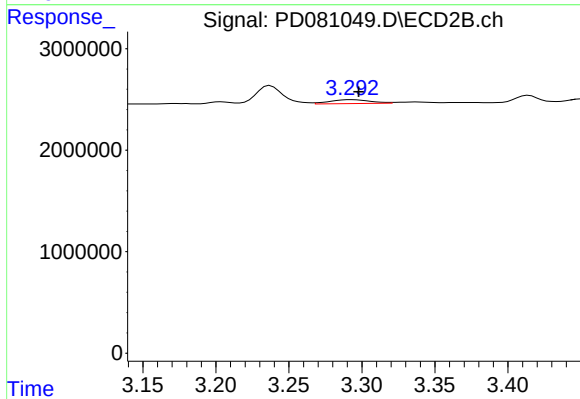
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: 0.000 min  
Response: 54490742  
Conc: 22.78 ng/ml



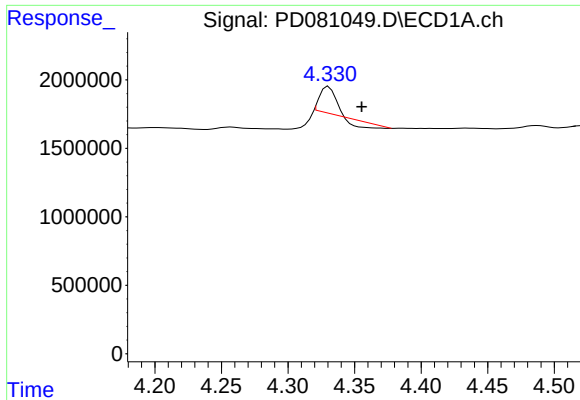
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.022 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

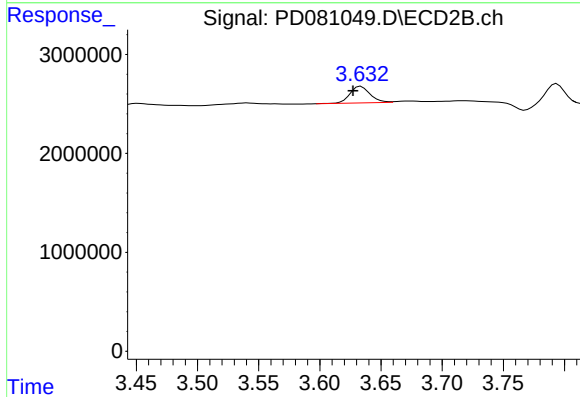
R.T.: 3.293 min  
Delta R.T.: -0.005 min  
Response: 753123  
Conc: 0.20 ng/ml



#3 gamma-BHC (Lindane)

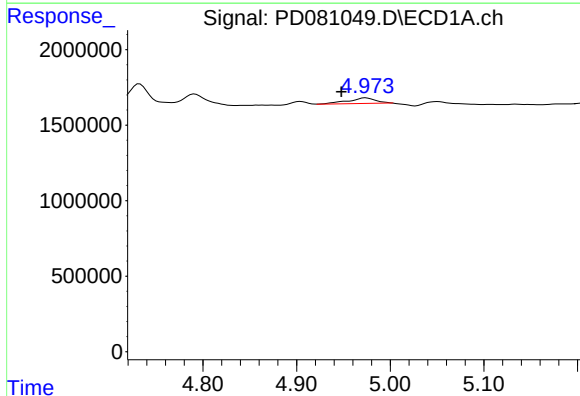
R.T.: 4.331 min  
Delta R.T.: -0.025 min  
Response: 1039710  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



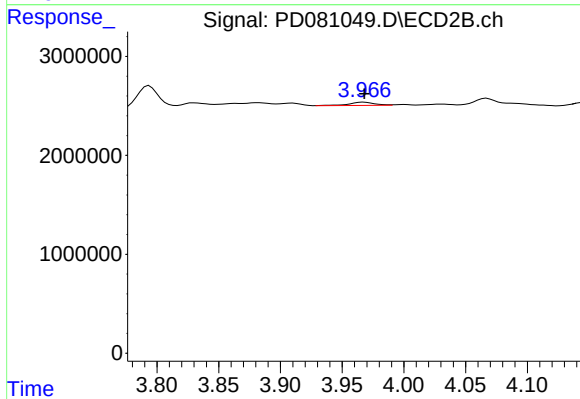
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.007 min  
Response: 1913292  
Conc: 0.51 ng/ml



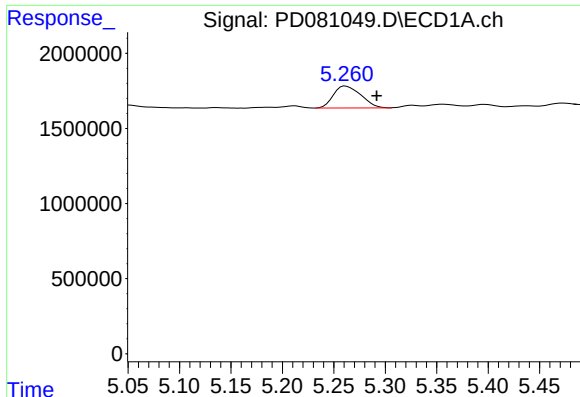
#4 Heptachlor

R.T.: 4.974 min  
Delta R.T.: 0.026 min  
Response: 751069  
Conc: 0.30 ng/ml



#4 Heptachlor

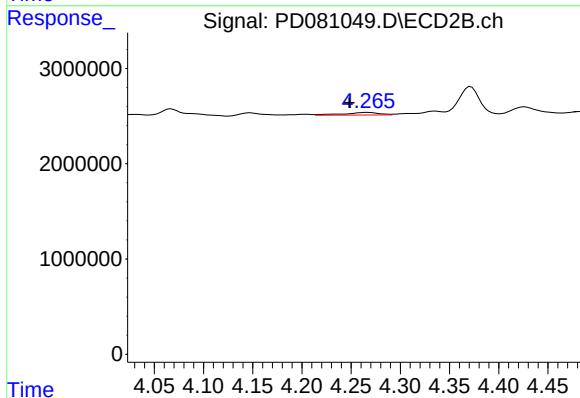
R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 466348  
Conc: 0.14 ng/ml



#5 Aldrin

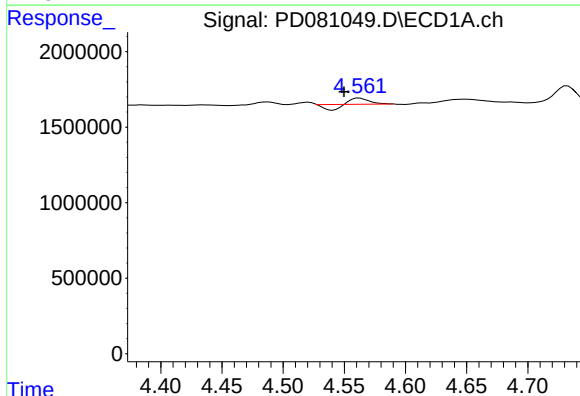
R.T.: 5.261 min  
Delta R.T.: -0.030 min  
Response: 2718962  
Conc: 1.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



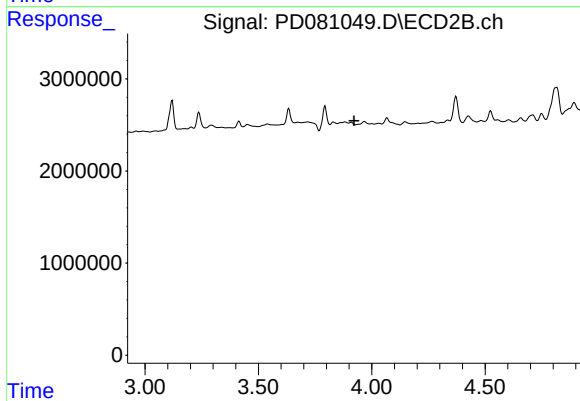
#5 Aldrin

R.T.: 4.266 min  
Delta R.T.: 0.018 min  
Response: 683954  
Conc: 0.19 ng/ml



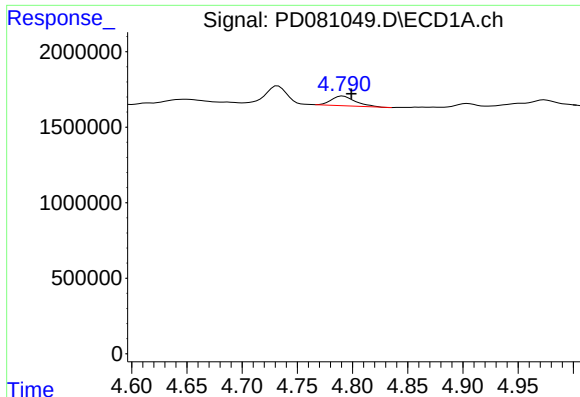
#6 beta-BHC

R.T.: 4.562 min  
Delta R.T.: 0.013 min  
Response: 204387  
Conc: 0.20 ng/ml



#6 beta-BHC

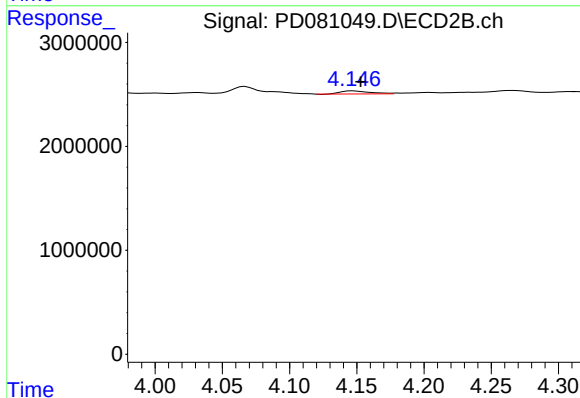
R.T.: 0.000 min  
Exp R.T. : 3.922 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

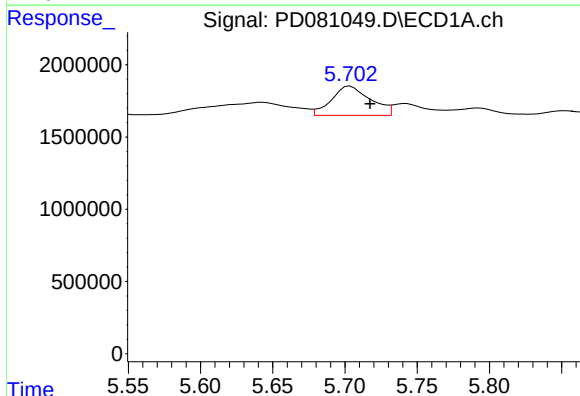
R.T.: 4.791 min  
Delta R.T.: -0.008 min  
Response: 963733  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



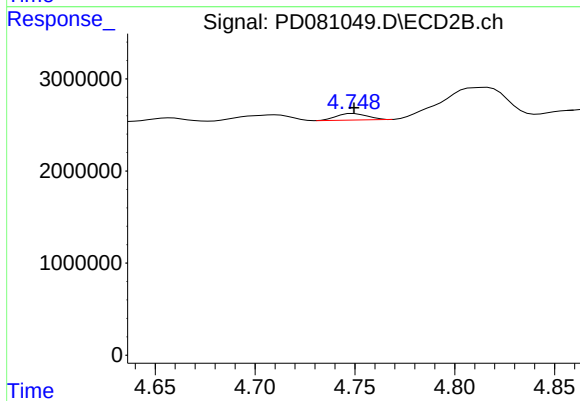
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: -0.005 min  
Response: 436109  
Conc: 0.12 ng/ml



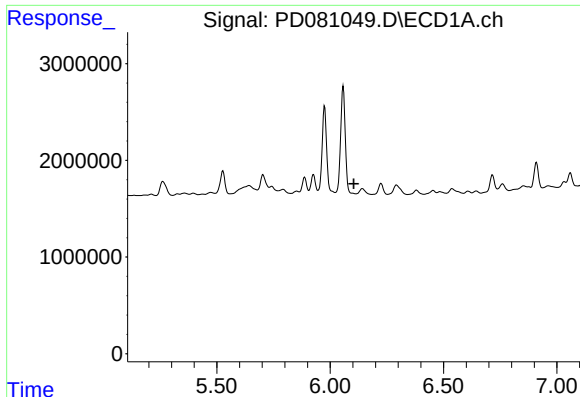
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: -0.014 min  
Response: 3793015  
Conc: 1.69 ng/ml



#8 Heptachlor epoxide

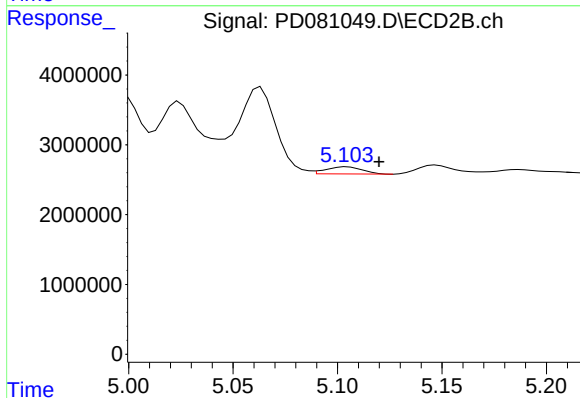
R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 764067  
Conc: 0.23 ng/ml



#9 Endosulfan I

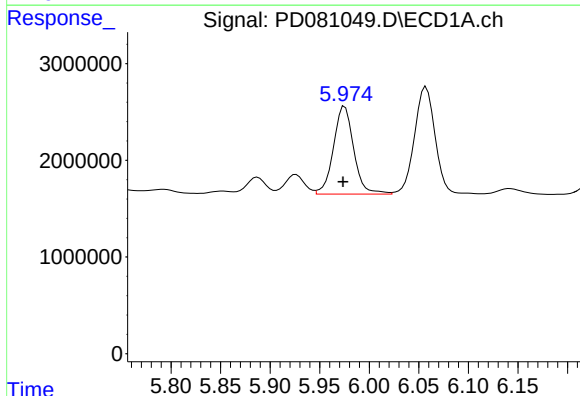
R.T.: 0.000 min  
Exp R.T.: 6.104 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



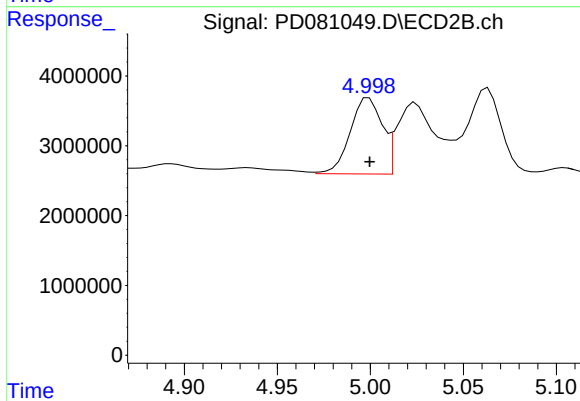
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.015 min  
Response: 1237024  
Conc: 0.40 ng/ml



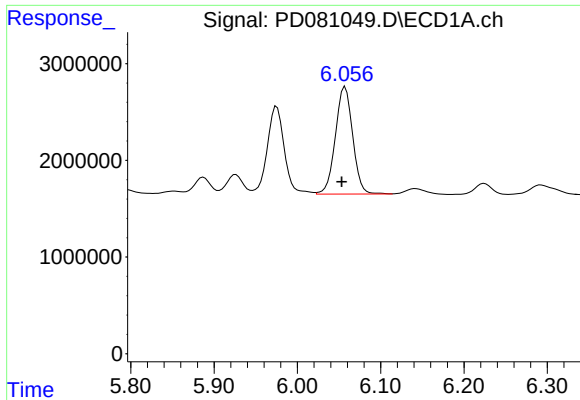
#10 gamma-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.002 min  
Response: 12913588  
Conc: 5.90 ng/ml



#10 gamma-Chlordane

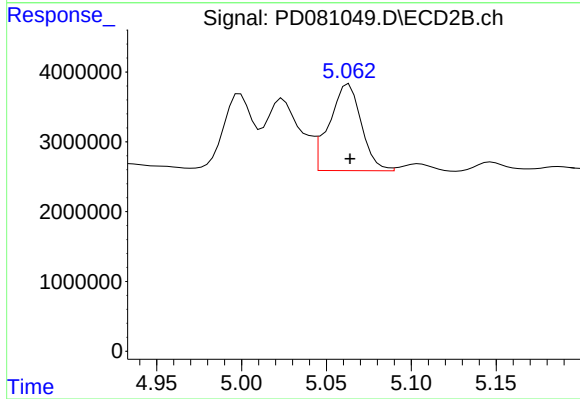
R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 13045657  
Conc: 3.99 ng/ml



#11 alpha-Chlordane

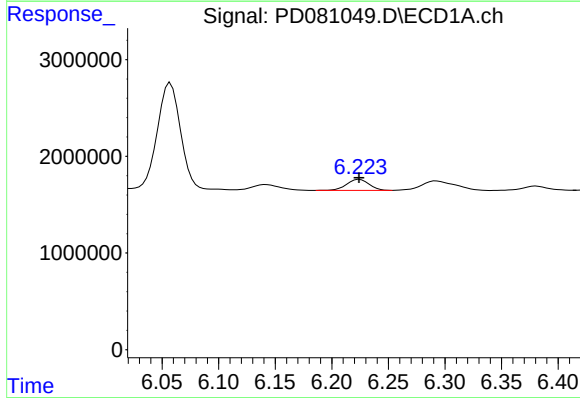
R.T.: 6.057 min  
Delta R.T.: 0.004 min  
Response: 16050833  
Conc: 7.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



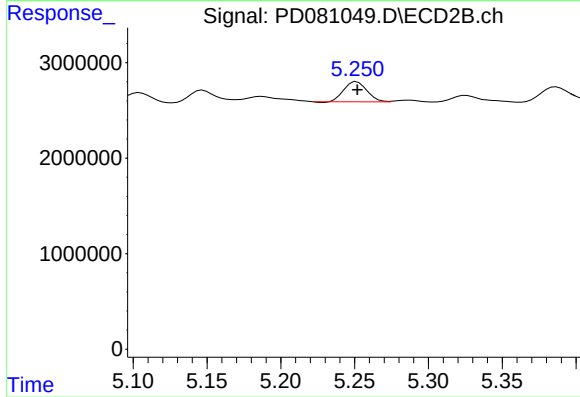
#11 alpha-Chlordane

R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 16269895  
Conc: 4.98 ng/ml



#12 4,4'-DDE

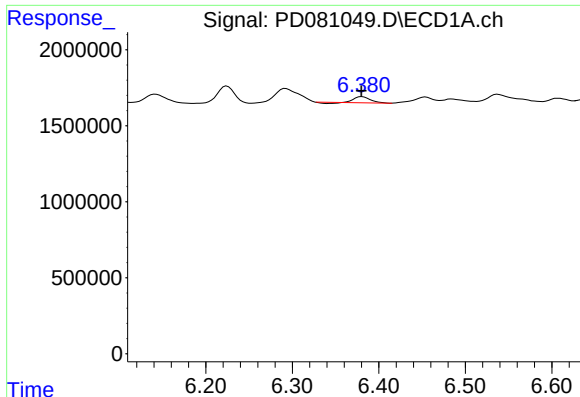
R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 1569524  
Conc: 0.77 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 2290385  
Conc: 0.75 ng/ml

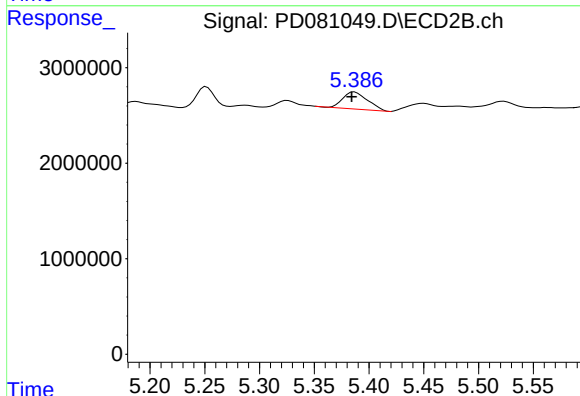




#13 Dieldrin

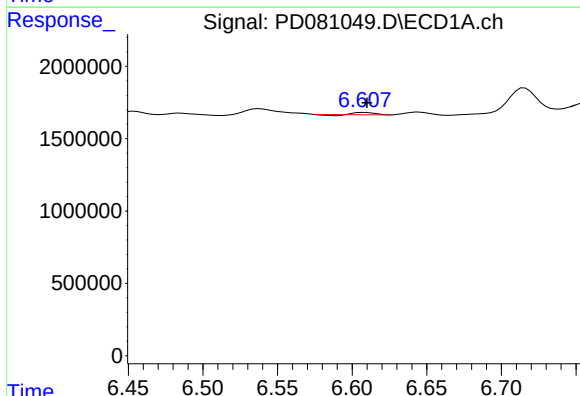
R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 468190  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



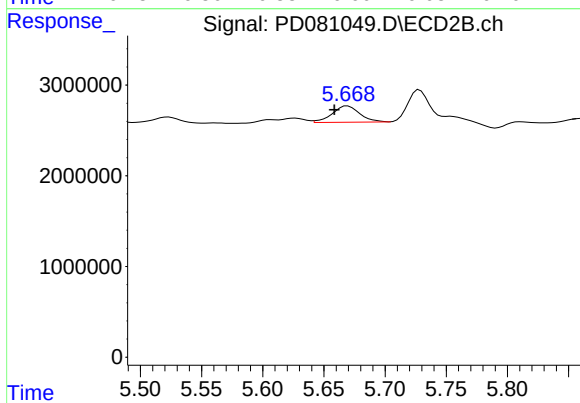
#13 Dieldrin

R.T.: 5.387 min  
Delta R.T.: 0.003 min  
Response: 2819682  
Conc: 0.83 ng/ml



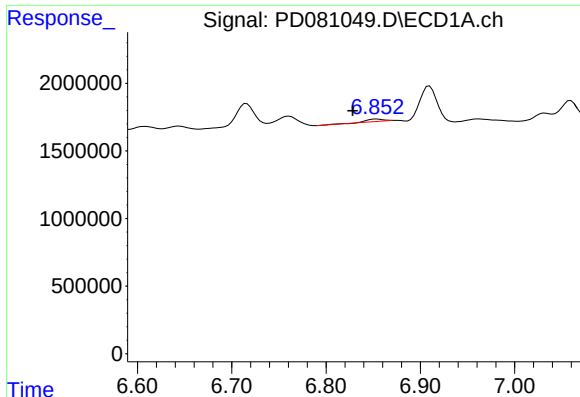
#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.002 min  
Response: 129391  
Conc: 0.07 ng/ml



#14 Endrin

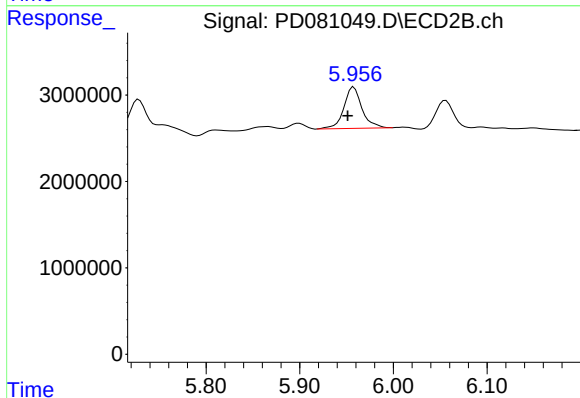
R.T.: 5.669 min  
Delta R.T.: 0.011 min  
Response: 2806748  
Conc: 0.95 ng/ml



#15 Endosulfan II

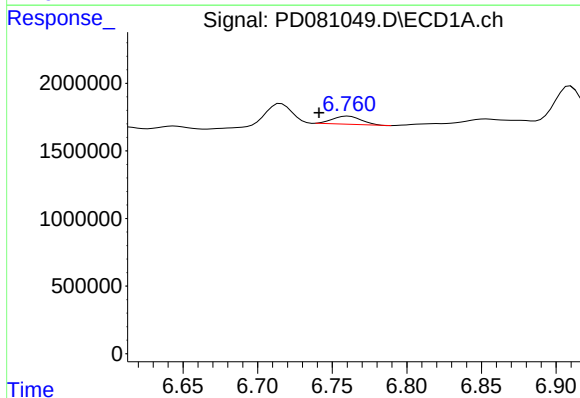
R.T.: 6.853 min  
Delta R.T.: 0.025 min  
Response: 170478  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



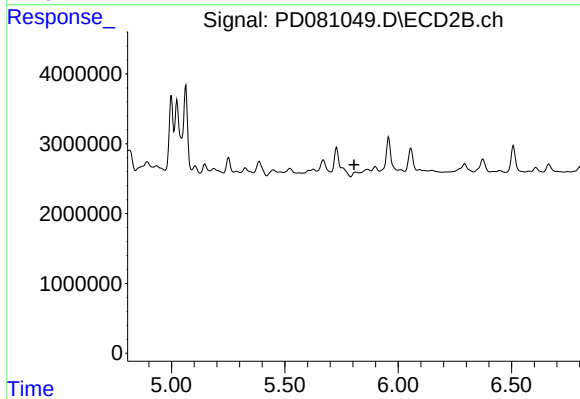
#15 Endosulfan II

R.T.: 5.958 min  
Delta R.T.: 0.006 min  
Response: 6413238  
Conc: 2.23 ng/ml



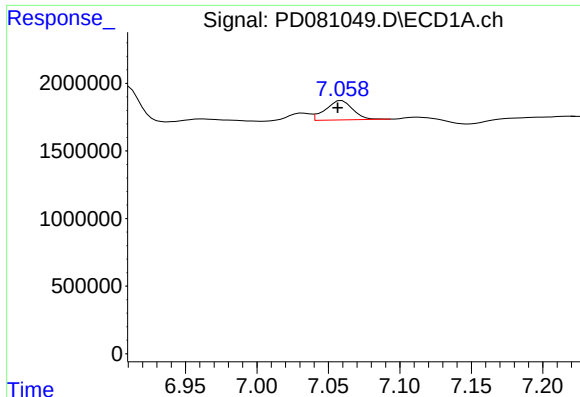
#16 4,4'-DDD

R.T.: 6.761 min  
Delta R.T.: 0.020 min  
Response: 802896  
Conc: 0.49 ng/ml



#16 4,4'-DDD

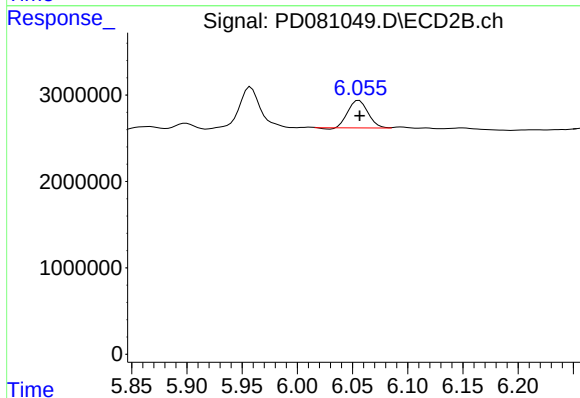
R.T.: 5.811 min  
Delta R.T.: 0.006 min  
Response: -253298  
Conc: N.D.



#17 4,4'-DDT

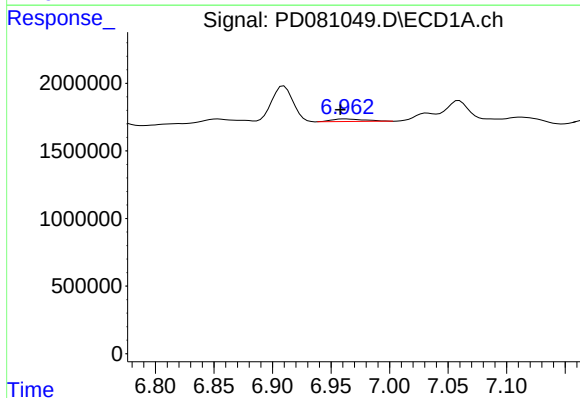
R.T.: 7.059 min  
Delta R.T.: 0.003 min  
Response: 1894188  
Conc: 1.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



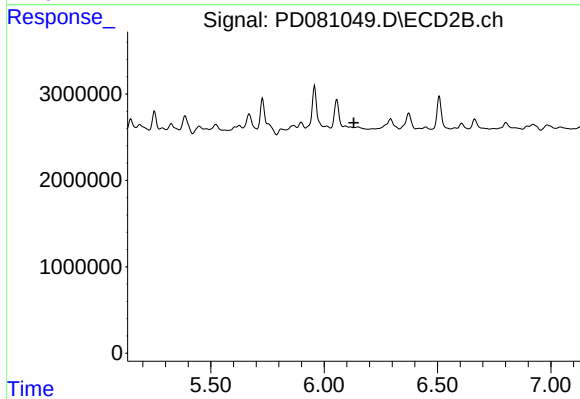
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 3987129  
Conc: 1.50 ng/ml



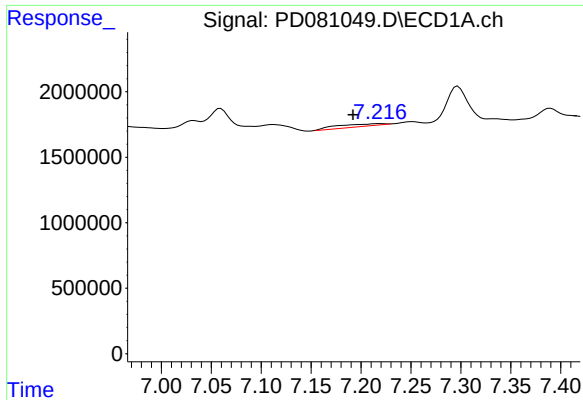
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: 0.005 min  
Response: 368644  
Conc: 0.24 ng/ml



#18 Endrin aldehyde

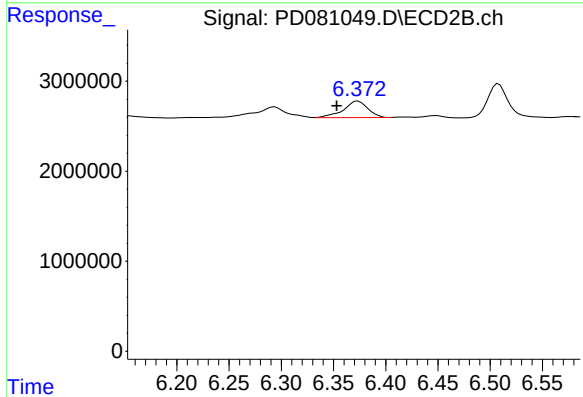
R.T.: 0.000 min  
Exp R.T. : 6.130 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

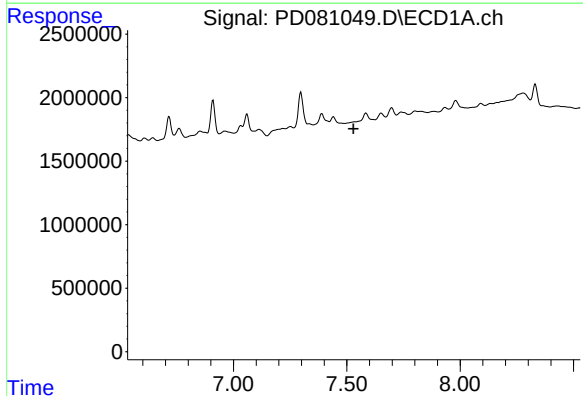
R.T.: 7.219 min  
Delta R.T.: 0.027 min  
Response: 627472  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



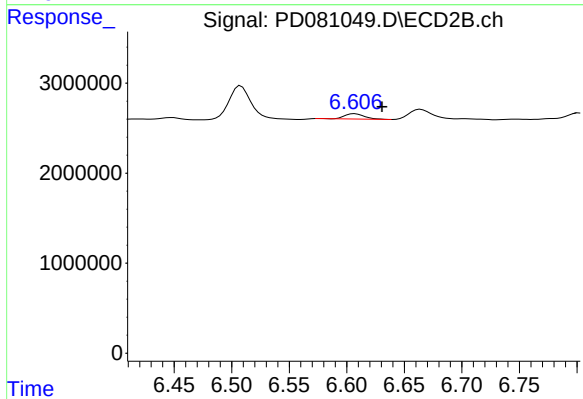
#19 Endosulfan Sulfate

R.T.: 6.373 min  
Delta R.T.: 0.021 min  
Response: 2964765  
Conc: 1.06 ng/ml



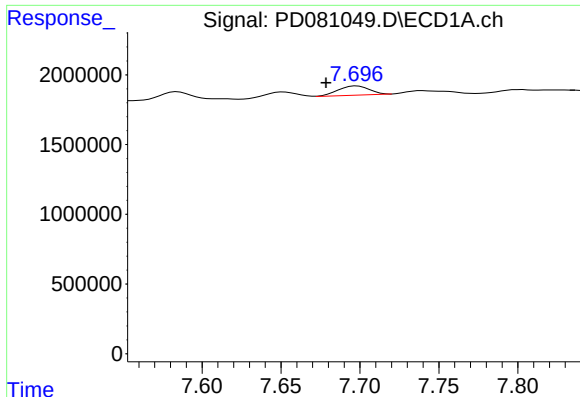
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.530 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

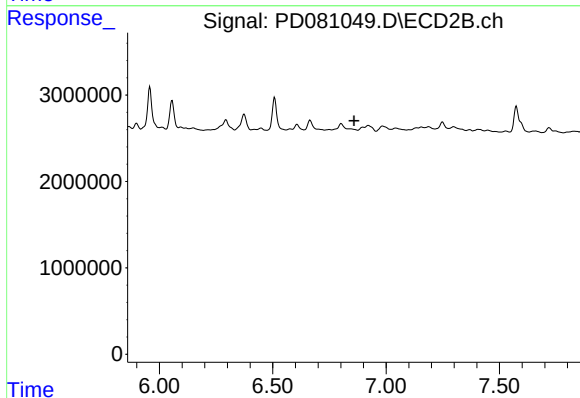
R.T.: 6.607 min  
Delta R.T.: -0.024 min  
Response: 721192  
Conc: 0.46 ng/ml



#21 Endrin ketone

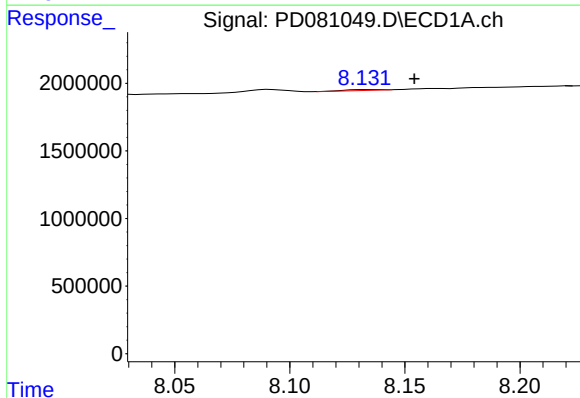
R.T.: 7.698 min  
Delta R.T.: 0.020 min  
Response: 918740  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



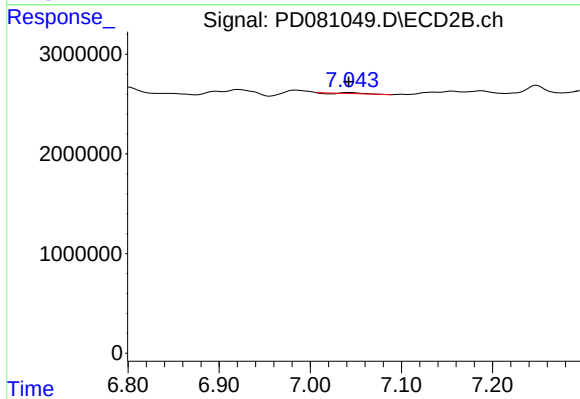
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.859 min  
Response: 0  
Conc: N.D.



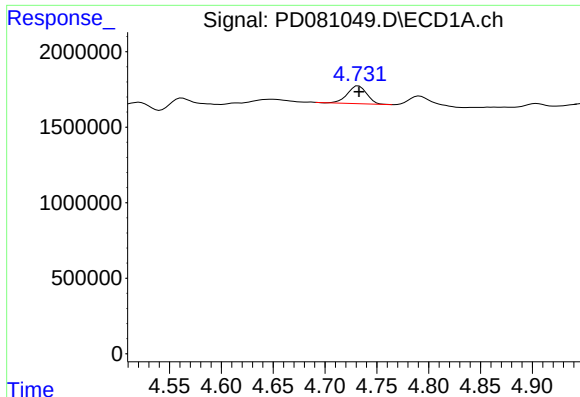
#22 Mirex

R.T.: 8.133 min  
Delta R.T.: -0.021 min  
Response: 65524  
Conc: 0.04 ng/ml



#22 Mirex

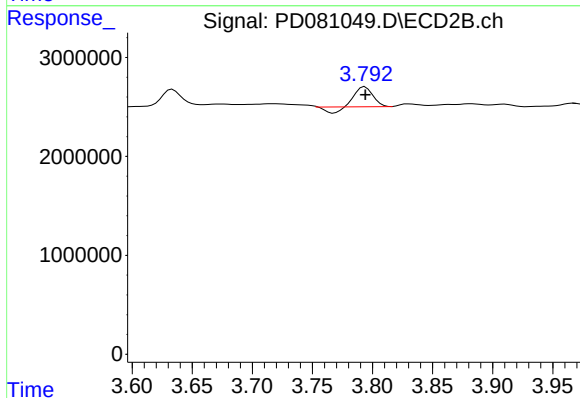
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 109606  
Conc: 0.04 ng/ml



#23 Chlordane-1

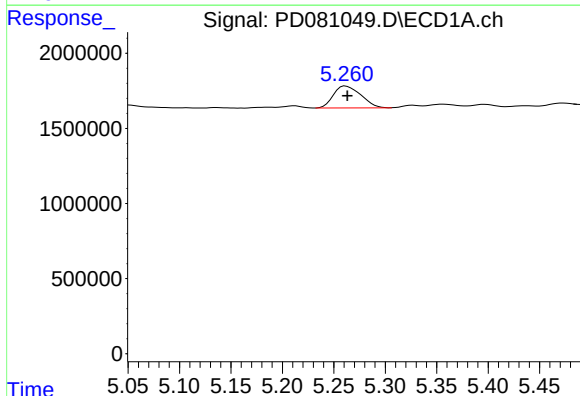
R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 1506433  
Conc: 19.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



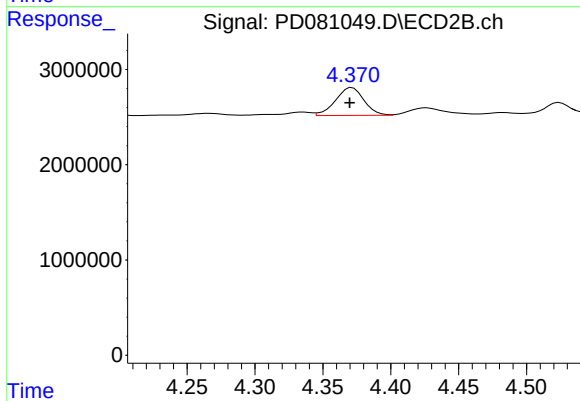
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 1730348  
Conc: 17.02 ng/ml



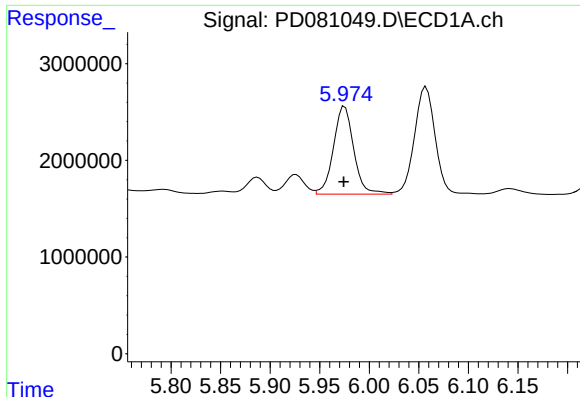
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 2718962  
Conc: 32.84 ng/ml



#24 Chlordane-2

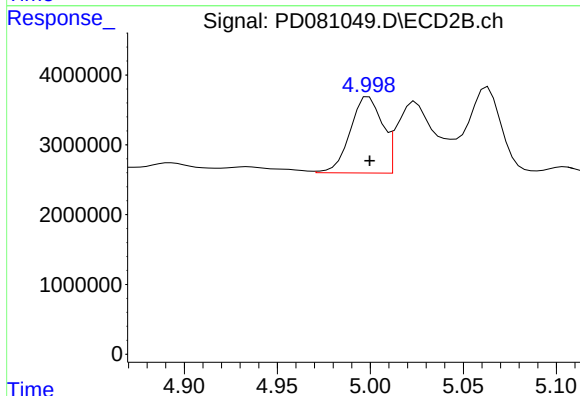
R.T.: 4.372 min  
Delta R.T.: 0.002 min  
Response: 4255751  
Conc: 34.72 ng/ml



#25 Chlordane-3

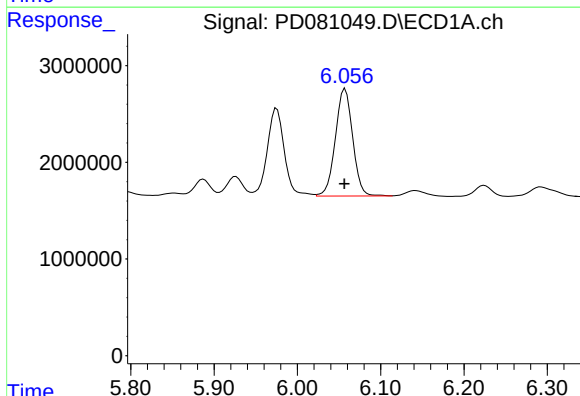
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 12913588  
Conc: 40.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



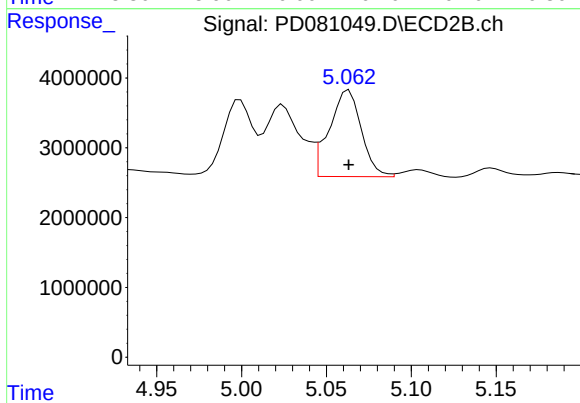
#25 Chlordane-3

R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 13045657  
Conc: 38.87 ng/ml



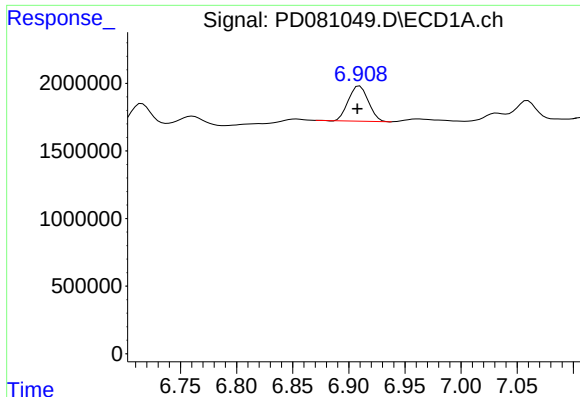
#26 Chlordane-4

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 16050833  
Conc: 42.16 ng/ml



#26 Chlordane-4

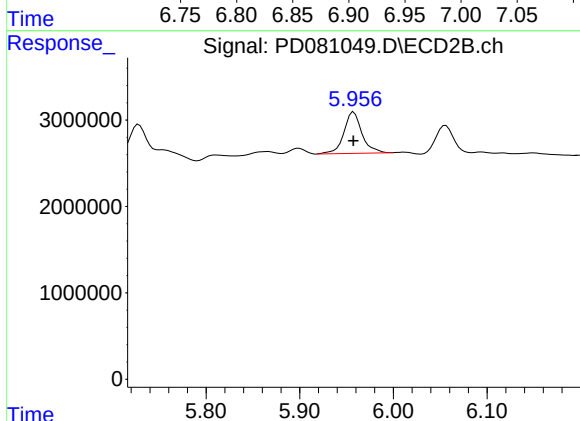
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 16269895  
Conc: 51.21 ng/ml



#27 Chlordane-5

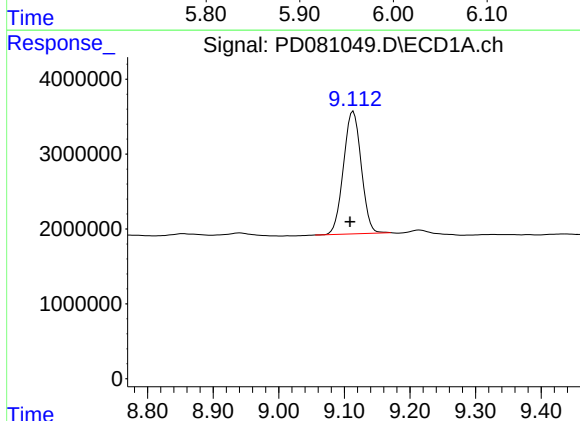
R.T.: 6.910 min  
Delta R.T.: 0.002 min  
Response: 3240998  
Conc: 46.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-5



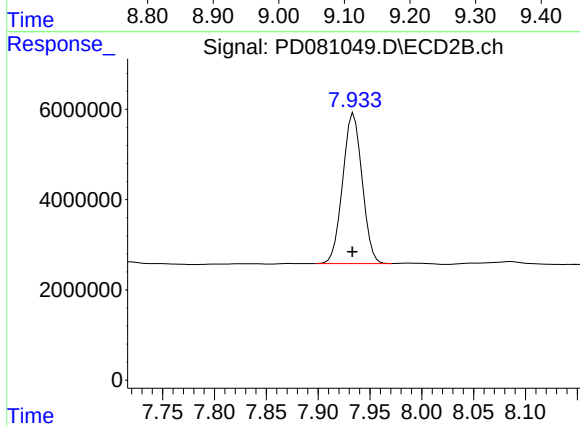
#27 Chlordane-5

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 6413238  
Conc: 52.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: 0.005 min  
Response: 30874798  
Conc: 15.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.001 min  
Response: 43422309  
Conc: 16.30 ng/ml