

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102418\  
 Data File : PD050073.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Oct 2018 15:52  
 Operator : AJ\SJ  
 Sample : J5639-01  
 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: Oct 25 02:11:31 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 19 07:43:29 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 4.232  | 4.060  | 10304066 | 399.5E6  | 17.187 | 15.567   |
| 28)                         | SA Decachlor... | 9.016  | 9.170  | 7076320  | 181.8E6  | 11.488 | 11.504   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.972  | 4.722  | 1685648  | 14649124 | 2.072  | 0.433 #  |
| 4)                          | MA Heptachlor   | 5.247f | 5.203f | 402676   | 2889836  | 0.513  | 0.090 #  |
| 5)                          | MB Aldrin       | 5.551  | 5.558  | 125486   | 27637026 | 0.161  | 0.930 #  |
| 6)                          | B beta-BHC      | 5.247f | 0.000  | 402676   | 0        | 1.079  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.062f | 0        | 2218314  | N.D.   | 0.070 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.252f | 0        | 39012671 | N.D.   | 1.672 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.185  | 0        | 61144873 | N.D.   | 2.329 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.252  | 0        | 39012671 | N.D.   | 1.555 #  |
| 12)                         | B 4,4'-DDE      | 6.417  | 6.411  | 1550675  | 74653470 | 2.210  | 3.163 #  |
| 13)                         | MA Dieldrin     | 6.572  | 6.567  | 1442335  | 2257588  | 1.922  | 0.094 #  |
| 14)                         | MA Endrin       | 0.000  | 6.810  | 0        | 2055465  | N.D.   | 0.107 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.999  | 0        | 7017986  | N.D.   | 0.354 #  |
| 16)                         | A 4,4'-DDD      | 6.928  | 6.902  | 3781840  | 144.1E6  | 6.802  | 8.071    |
| 17)                         | MA 4,4'-DDT     | 7.168  | 7.202  | 1268100  | 27619132 | 2.445  | 2.277    |
| 19)                         | B Endosulfa...  | 7.421f | 0.000  | 450280   | 0        | 0.697  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.630f | 7.641  | 576993   | 3250487  | 1.961  | 0.486 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.872f | 0        | 5555524  | N.D.   | 0.336 #  |
| 23)                         | Chlordane-1     | 5.160  | 5.062  | 2010950  | 2218314  | 75.622 | 1.705 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.524  | 0        | 24732085 | N.D.   | 21.030 # |
| 25)                         | Chlordane-3     | 0.000  | 6.185  | 0        | 61144873 | N.D.   | 16.875 # |
| 26)                         | Chlordane-4     | 0.000  | 6.252  | 0        | 39012671 | N.D.   | 9.522 #  |
| 27)                         | Chlordane-5     | 7.168  | 6.999  | 1268100  | 7017986  | 46.054 | 9.883 #  |
| -----                       |                 |        |        |          |          |        |          |

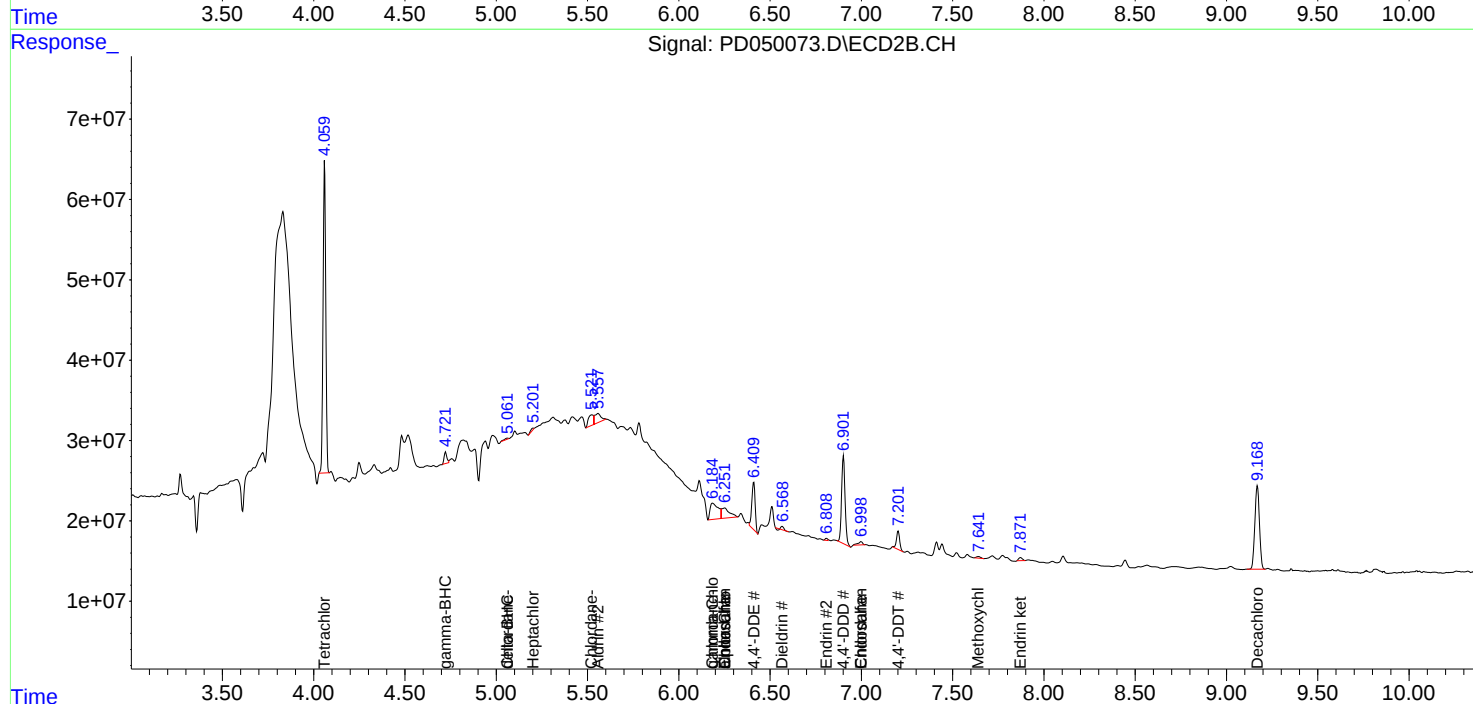
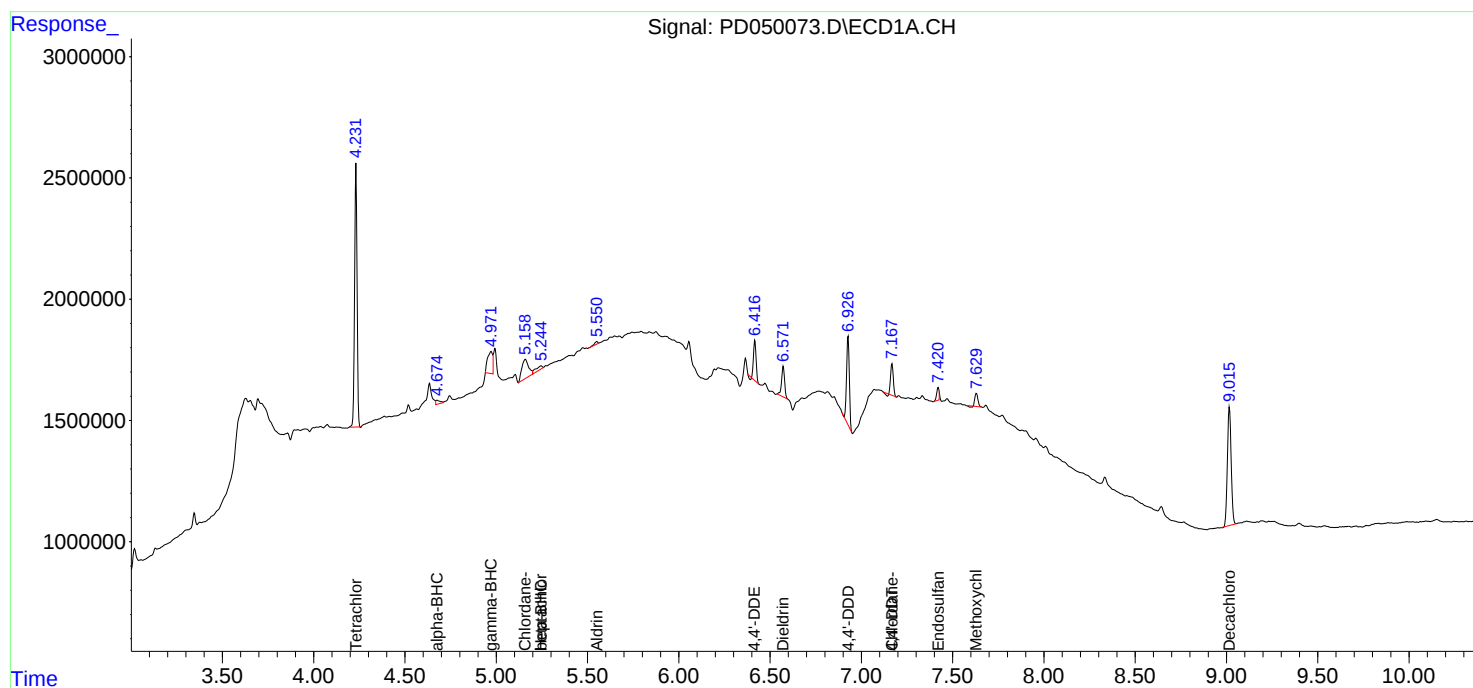
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

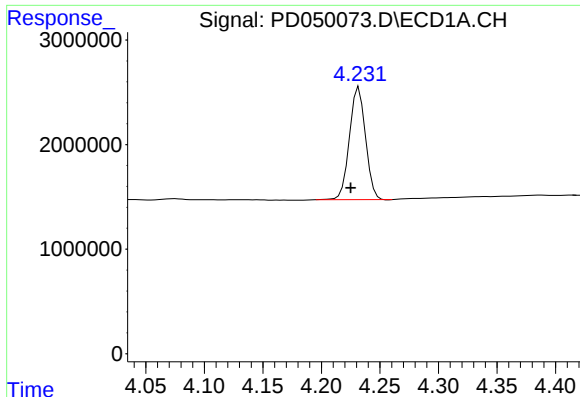
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102418\  
Data File : PD050073.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Oct 2018 15:52  
Operator : AJ\SJ  
Sample : J5639-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 02:11:31 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101818.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 19 07:43:29 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

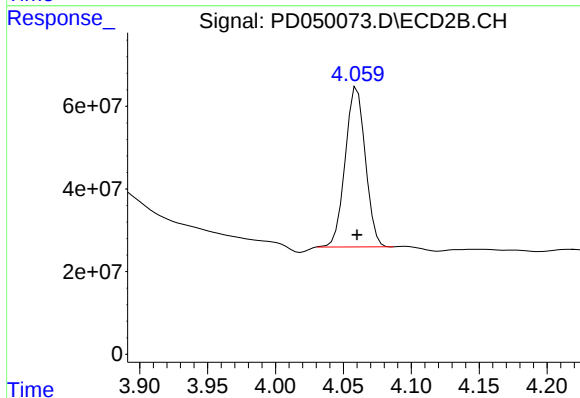




#1 Tetrachloro-m-xylene

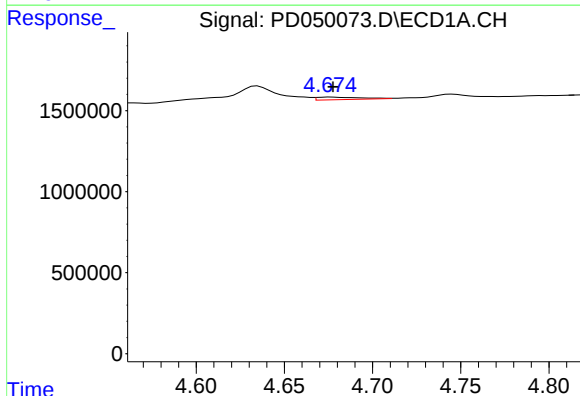
R.T.: 4.232 min  
Delta R.T.: 0.007 min  
Response: 10304066  
Conc: 17.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



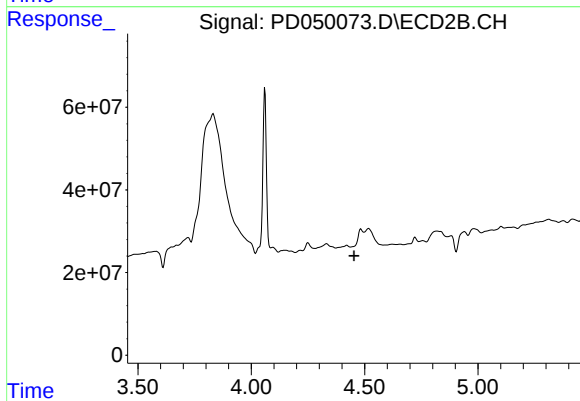
#1 Tetrachloro-m-xylene

R.T.: 4.060 min  
Delta R.T.: 0.000 min  
Response: 399502416  
Conc: 15.57 ng/ml



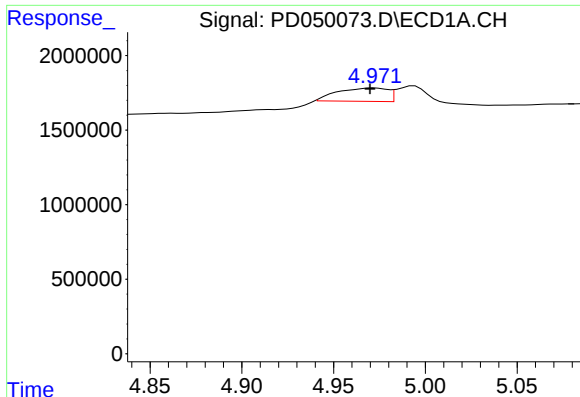
#2 alpha-BHC

R.T.: 4.676 min  
Delta R.T.: -0.001 min  
Response: 266210  
Conc: 0.32 ng/ml



#2 alpha-BHC

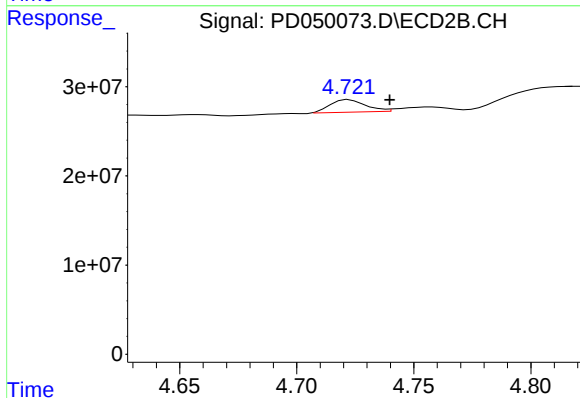
R.T.: 4.483 min  
Delta R.T.: 0.030 min  
Response: -37835546  
Conc: N.D.



#3 gamma-BHC (Lindane)

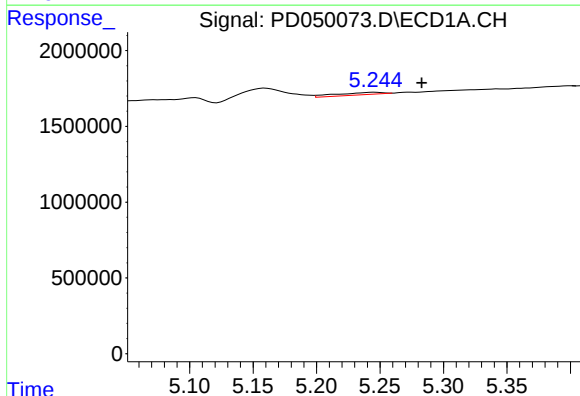
R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 1685648  
Conc: 2.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



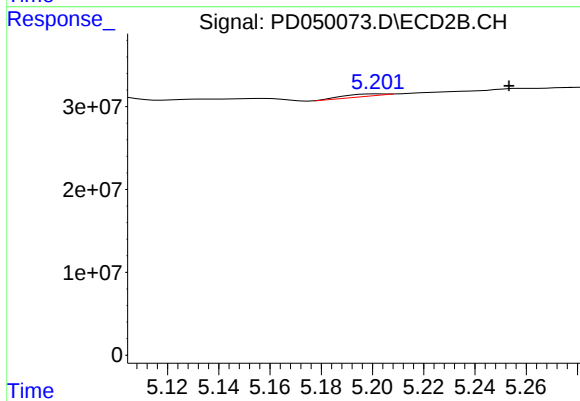
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: -0.017 min  
Response: 14649124  
Conc: 0.43 ng/ml



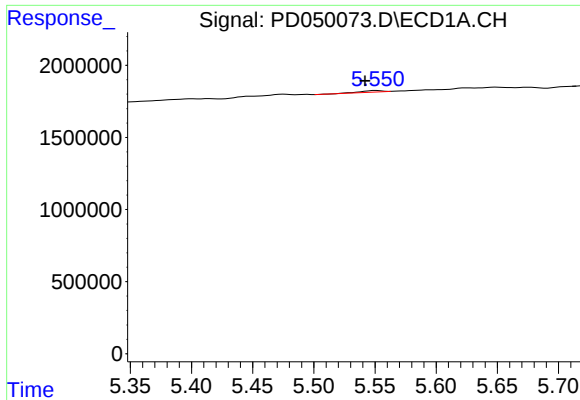
#4 Heptachlor

R.T.: 5.247 min  
Delta R.T.: -0.036 min  
Response: 402676  
Conc: 0.51 ng/ml



#4 Heptachlor

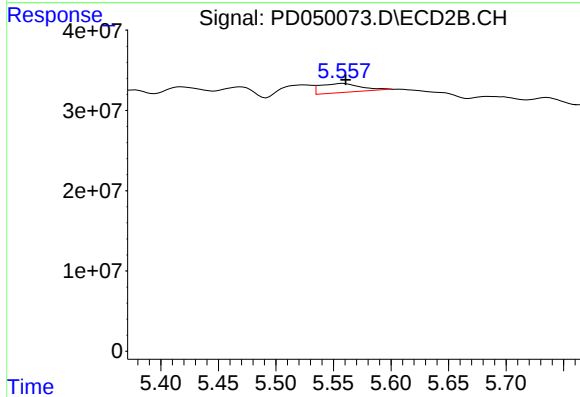
R.T.: 5.203 min  
Delta R.T.: -0.051 min  
Response: 2889836  
Conc: 0.09 ng/ml



#5 Aldrin

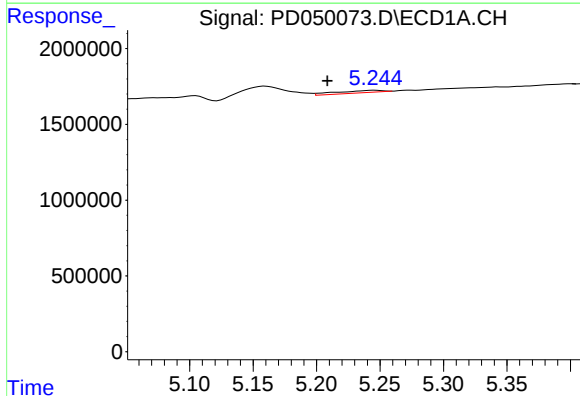
R.T.: 5.551 min  
Delta R.T.: 0.010 min  
Response: 125486  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



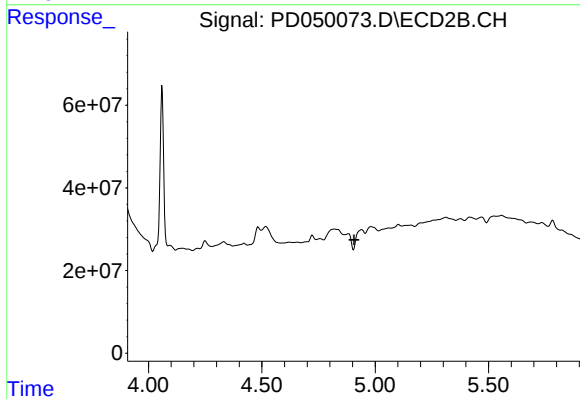
#5 Aldrin

R.T.: 5.558 min  
Delta R.T.: -0.002 min  
Response: 27637026  
Conc: 0.93 ng/ml



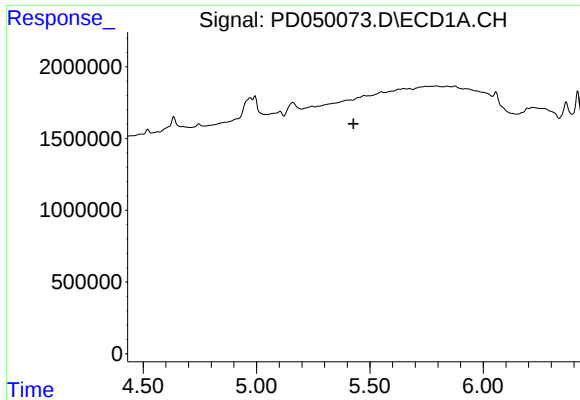
#6 beta-BHC

R.T.: 5.247 min  
Delta R.T.: 0.038 min  
Response: 402676  
Conc: 1.08 ng/ml



#6 beta-BHC

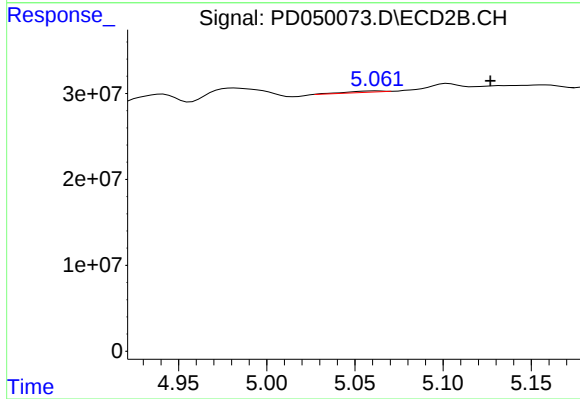
R.T.: 0.000 min  
Exp R.T. : 4.907 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

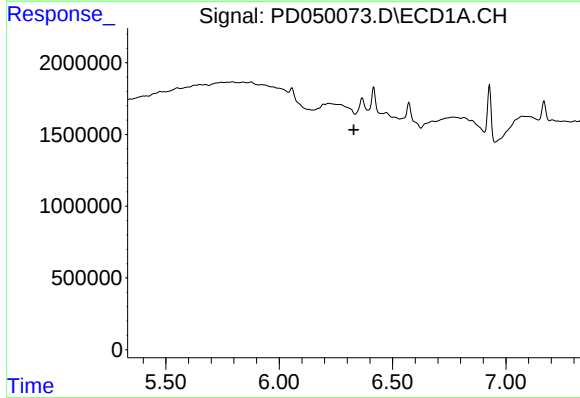
R.T.: 0.000 min  
Exp R.T.: 5.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



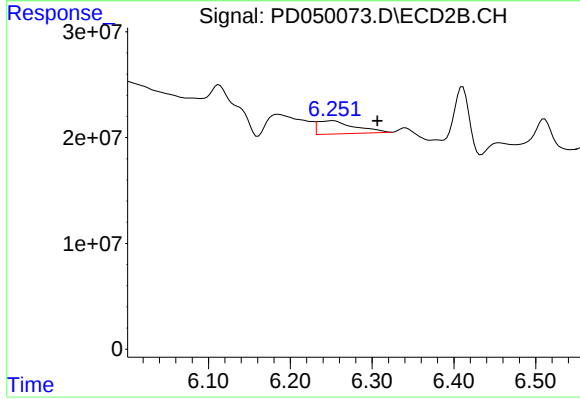
#7 delta-BHC

R.T.: 5.062 min  
Delta R.T.: -0.064 min  
Response: 2218314  
Conc: 0.07 ng/ml



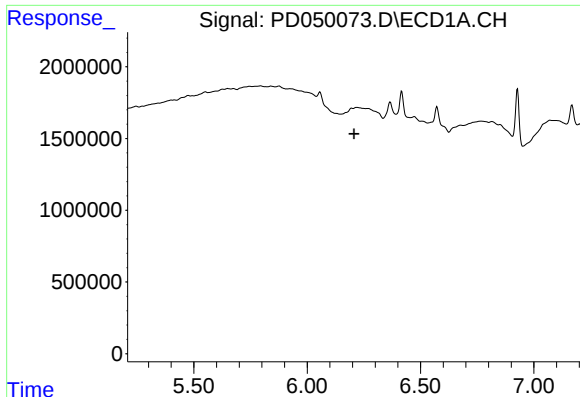
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.328 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

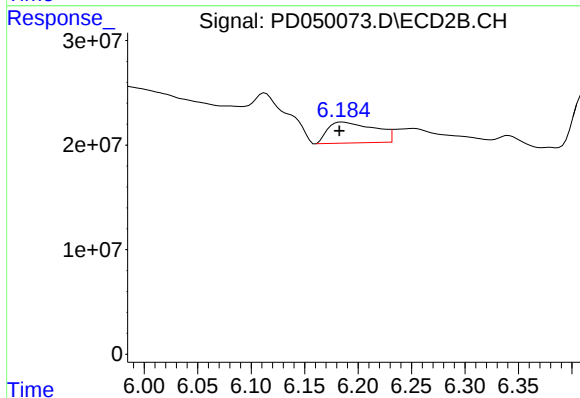
R.T.: 6.252 min  
Delta R.T.: -0.054 min  
Response: 39012671  
Conc: 1.67 ng/ml



#10 gamma-Chlordane

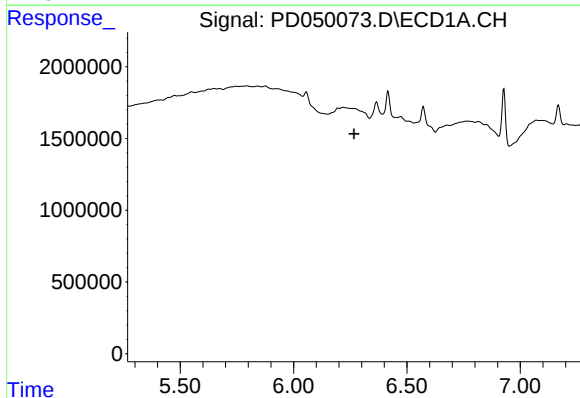
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



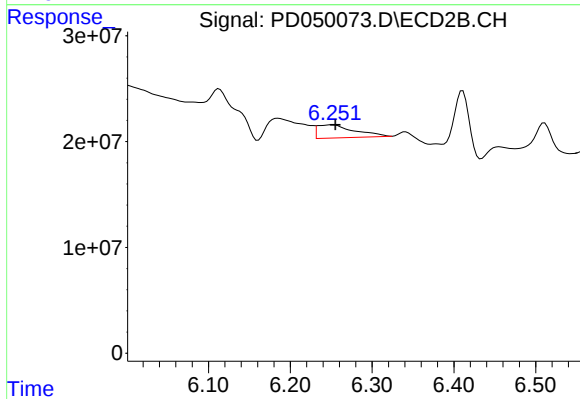
#10 gamma-Chlordane

R.T.: 6.185 min  
Delta R.T.: 0.003 min  
Response: 61144873  
Conc: 2.33 ng/ml



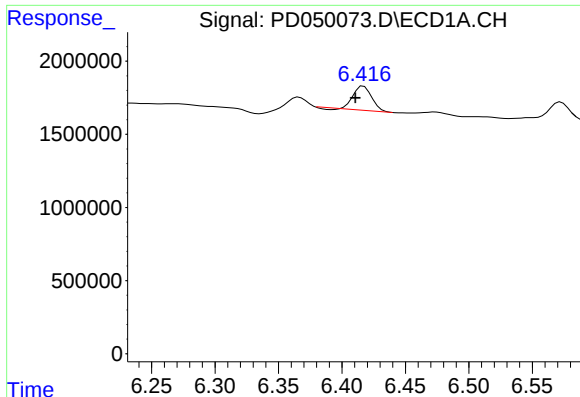
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.266 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

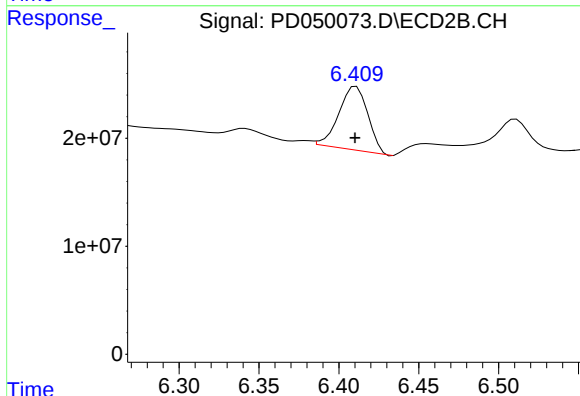
R.T.: 6.252 min  
Delta R.T.: -0.003 min  
Response: 39012671  
Conc: 1.56 ng/ml



#12 4,4'-DDE

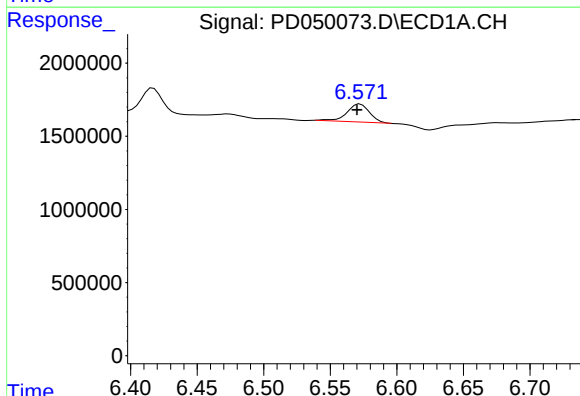
R.T.: 6.417 min  
Delta R.T.: 0.006 min  
Response: 1550675  
Conc: 2.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



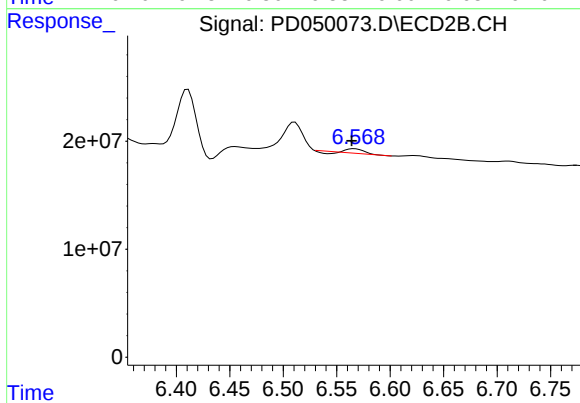
#12 4,4'-DDE

R.T.: 6.411 min  
Delta R.T.: 0.000 min  
Response: 74653470  
Conc: 3.16 ng/ml



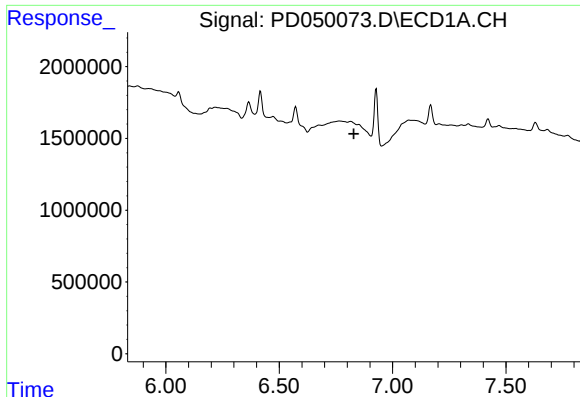
#13 Dieldrin

R.T.: 6.572 min  
Delta R.T.: 0.002 min  
Response: 1442335  
Conc: 1.92 ng/ml



#13 Dieldrin

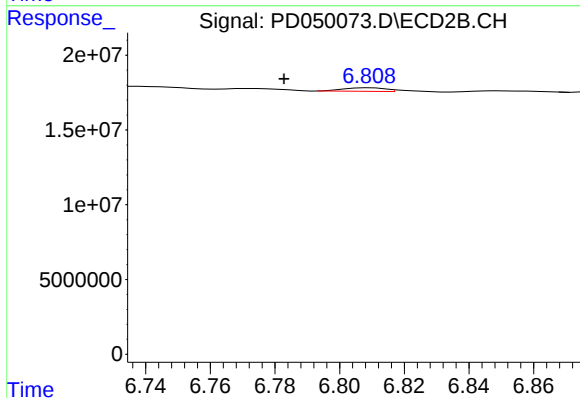
R.T.: 6.567 min  
Delta R.T.: 0.002 min  
Response: 2257588  
Conc: 0.09 ng/ml



#14 Endrin

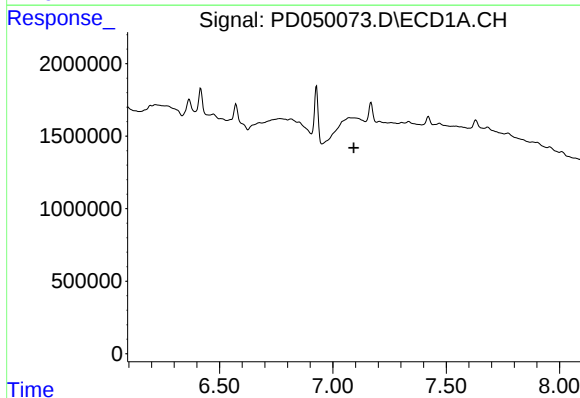
R.T.: 0.000 min  
Exp R.T.: 6.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



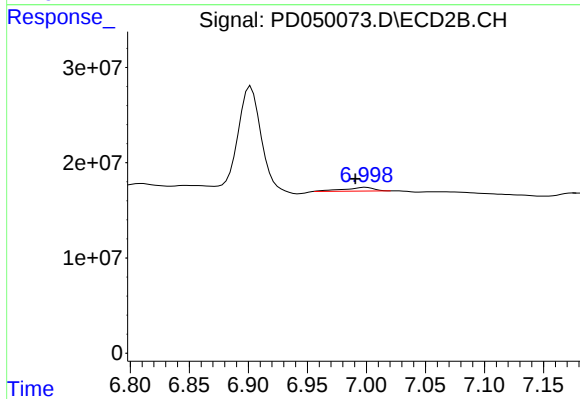
#14 Endrin

R.T.: 6.810 min  
Delta R.T.: 0.027 min  
Response: 2055465  
Conc: 0.11 ng/ml



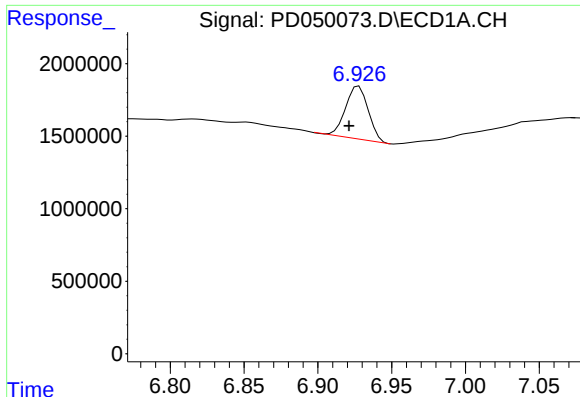
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 7.093 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

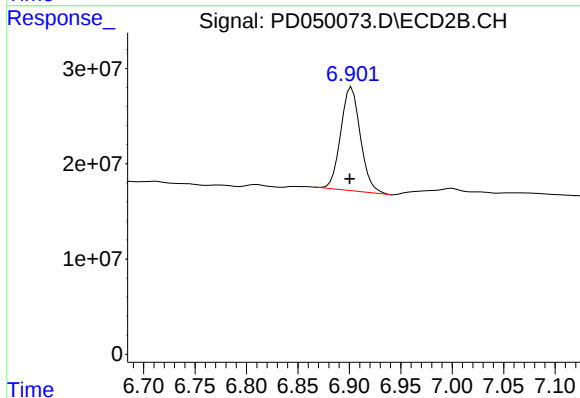
R.T.: 6.999 min  
Delta R.T.: 0.009 min  
Response: 7017986  
Conc: 0.35 ng/ml



#16 4,4'-DDD

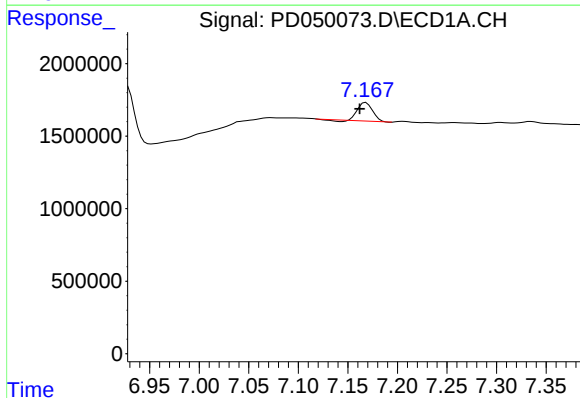
R.T.: 6.928 min  
Delta R.T.: 0.007 min  
Response: 3781840  
Conc: 6.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



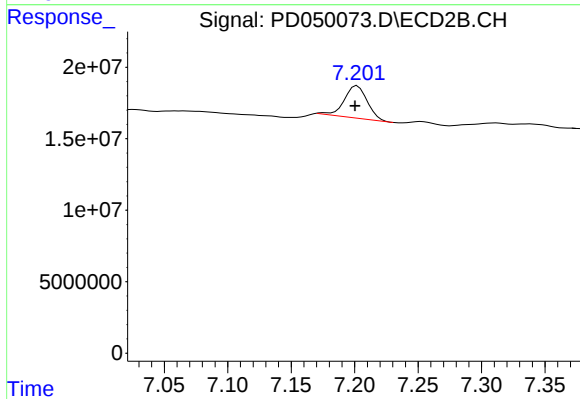
#16 4,4'-DDD

R.T.: 6.902 min  
Delta R.T.: 0.002 min  
Response: 144143394  
Conc: 8.07 ng/ml



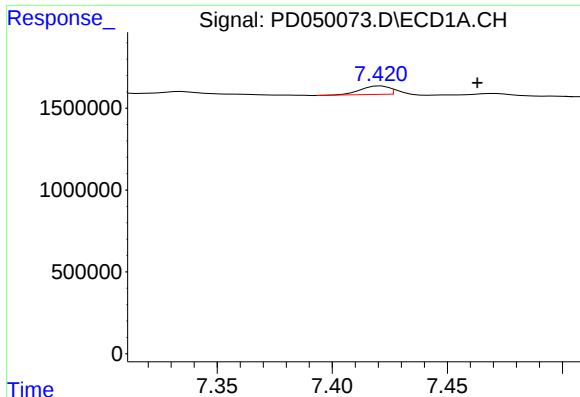
#17 4,4'-DDT

R.T.: 7.168 min  
Delta R.T.: 0.006 min  
Response: 1268100  
Conc: 2.45 ng/ml



#17 4,4'-DDT

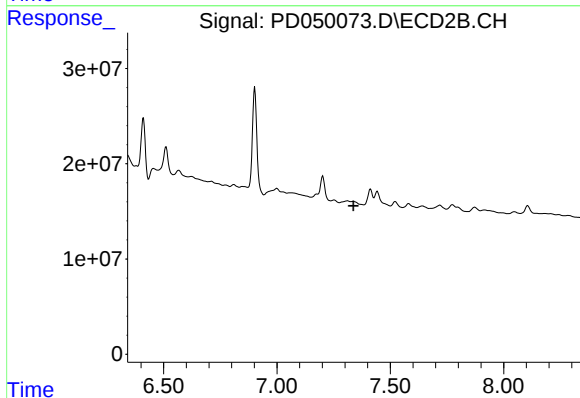
R.T.: 7.202 min  
Delta R.T.: 0.002 min  
Response: 27619132  
Conc: 2.28 ng/ml



#19 Endosulfan Sulfate

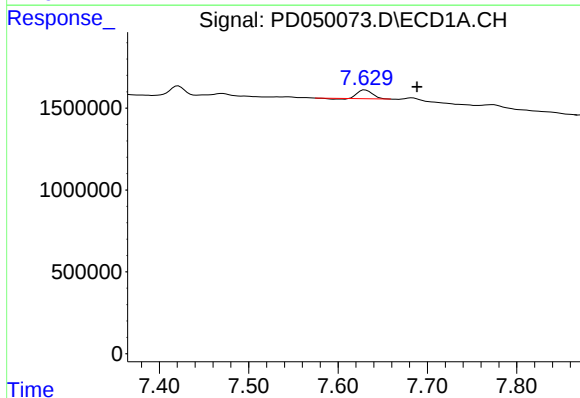
R.T.: 7.421 min  
Delta R.T.: -0.042 min  
Response: 450280  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



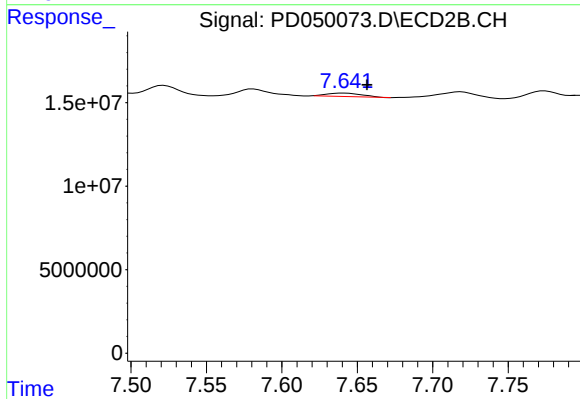
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.338 min  
Response: 0  
Conc: N.D.



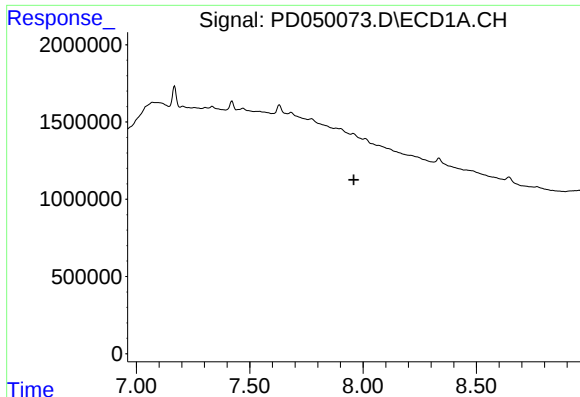
#20 Methoxychlor

R.T.: 7.630 min  
Delta R.T.: -0.058 min  
Response: 576993  
Conc: 1.96 ng/ml



#20 Methoxychlor

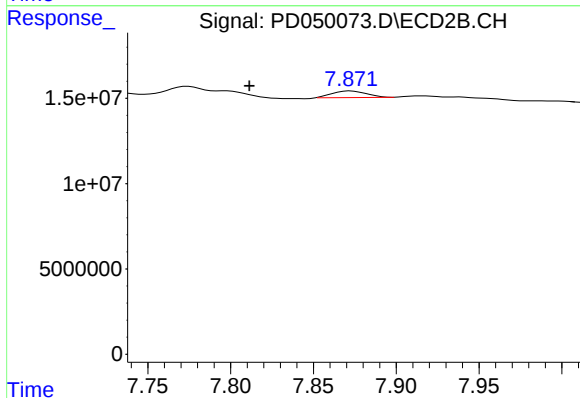
R.T.: 7.641 min  
Delta R.T.: -0.016 min  
Response: 3250487  
Conc: 0.49 ng/ml



#21 Endrin ketone

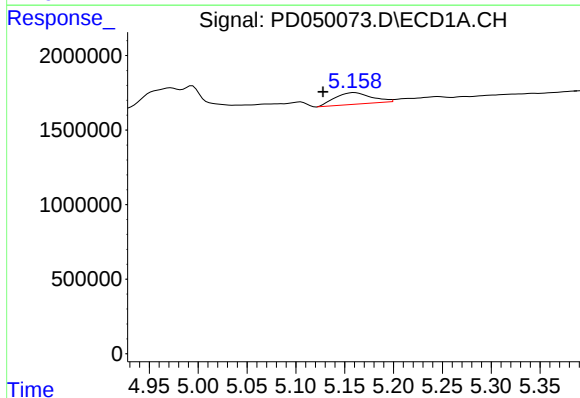
R.T.: 0.000 min  
Exp R.T.: 7.959 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



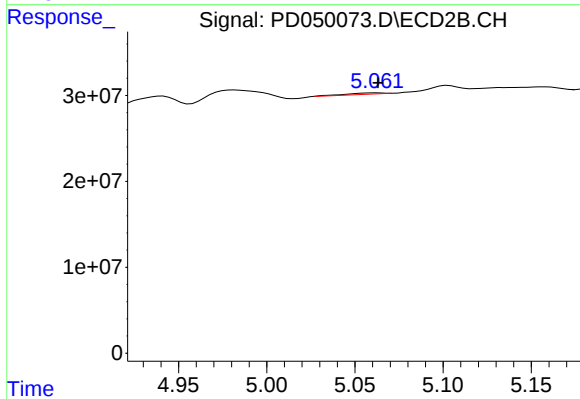
#21 Endrin ketone

R.T.: 7.872 min  
Delta R.T.: 0.061 min  
Response: 5555524  
Conc: 0.34 ng/ml



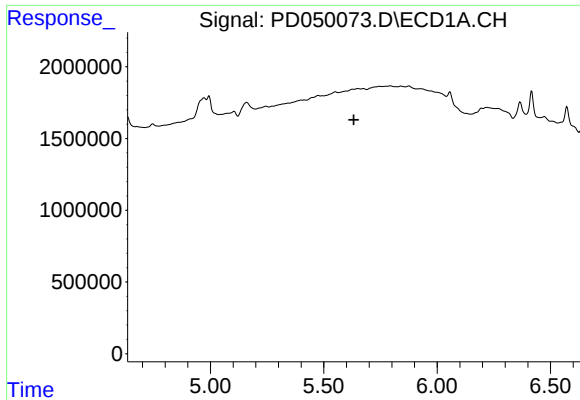
#23 Chlordane-1

R.T.: 5.160 min  
Delta R.T.: 0.032 min  
Response: 2010950  
Conc: 75.62 ng/ml



#23 Chlordane-1

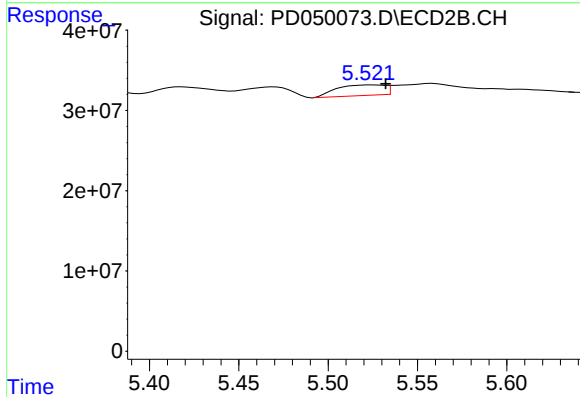
R.T.: 5.062 min  
Delta R.T.: 0.000 min  
Response: 2218314  
Conc: 1.70 ng/ml



#24 Chlordane-2

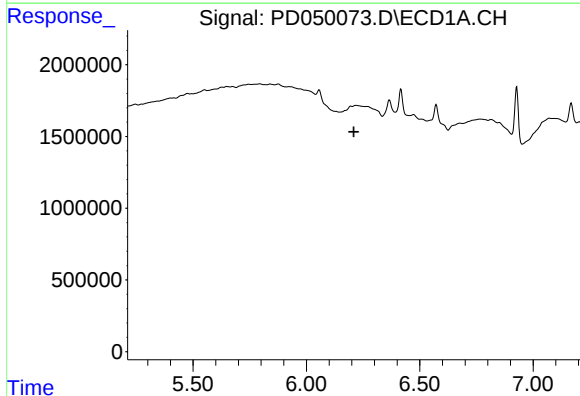
R.T.: 0.000 min  
Exp R.T.: 5.632 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



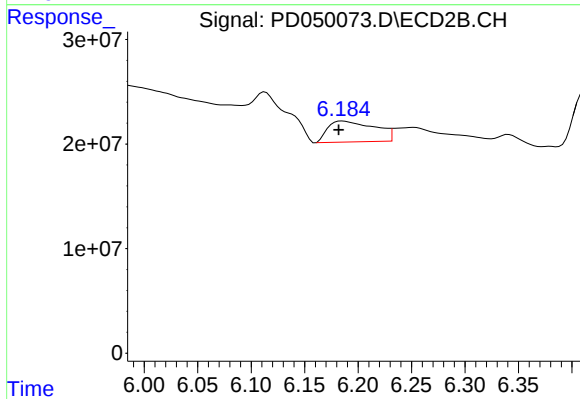
#24 Chlordane-2

R.T.: 5.524 min  
Delta R.T.: -0.009 min  
Response: 24732085  
Conc: 21.03 ng/ml



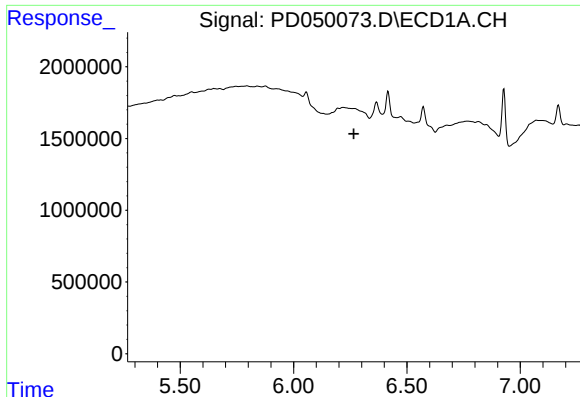
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

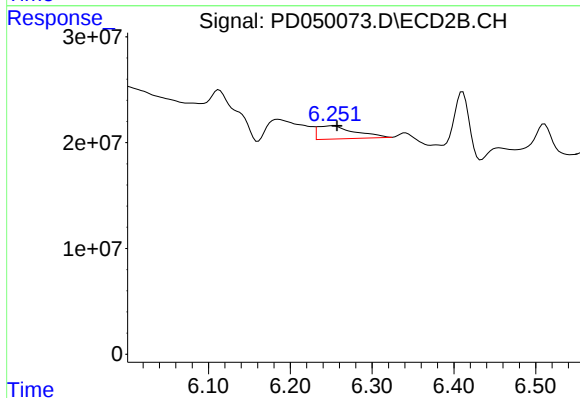
R.T.: 6.185 min  
Delta R.T.: 0.004 min  
Response: 61144873  
Conc: 16.87 ng/ml



#26 Chlordane-4

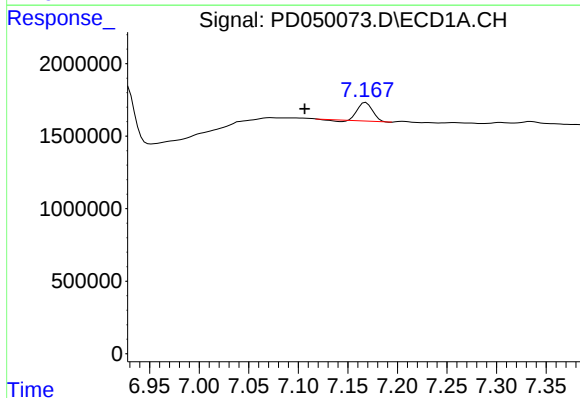
R.T.: 0.000 min  
Exp R.T.: 6.265 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



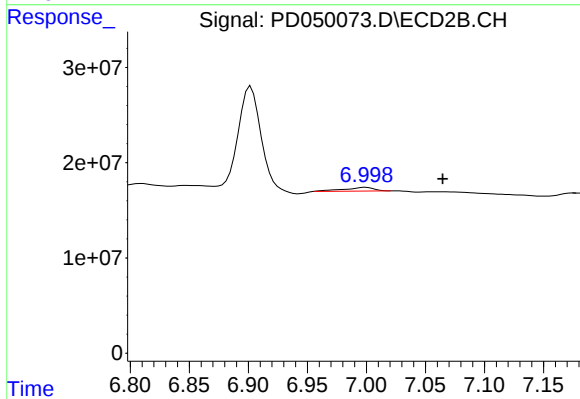
#26 Chlordane-4

R.T.: 6.252 min  
Delta R.T.: -0.005 min  
Response: 39012671  
Conc: 9.52 ng/ml



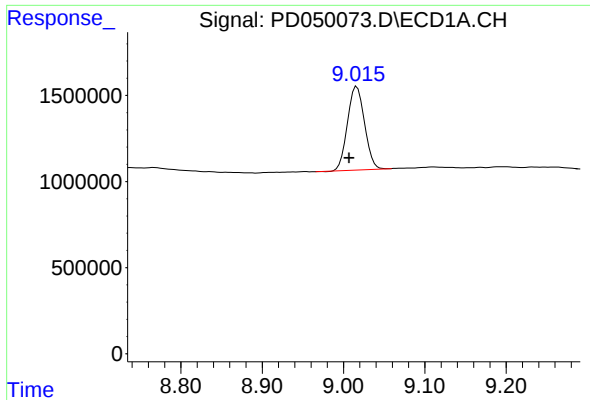
#27 Chlordane-5

R.T.: 7.168 min  
Delta R.T.: 0.062 min  
Response: 1268100  
Conc: 46.05 ng/ml



#27 Chlordane-5

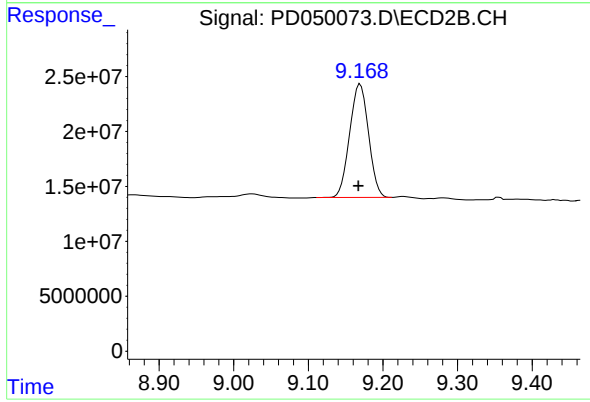
R.T.: 6.999 min  
Delta R.T.: -0.065 min  
Response: 7017986  
Conc: 9.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min  
Delta R.T.: 0.010 min  
Response: 7076320  
Conc: 11.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.170 min  
Delta R.T.: 0.002 min  
Response: 181775867  
Conc: 11.50 ng/ml