

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102318\  
 Data File : PD050005.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Oct 2018 17:34  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:18:33 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... | 4.231  | 4.061  | 13022473 | 649.1E6  | 21.722   | 25.294  |
| 28)                         | SA Decachlor... | 9.014  | 9.171  | 12196411 | 321.2E6  | 19.800   | 20.329  |
| Target Compounds            |                 |        |        |          |          |          |         |
| 2)                          | A alpha-BHC     | 4.684  | 4.454  | 8913578  | 464.4E6  | 10.548   | 12.454  |
| 3)                          | MA gamma-BHC... | 4.976  | 4.741  | 10248998 | 452.8E6  | 12.597   | 13.395  |
| 4)                          | MA Heptachlor   | 5.216f | 5.216f | 4289529  | 2039763  | 5.462    | 0.063 # |
| 6)                          | B beta-BHC      | 5.216  | 4.909  | 4289529  | 191.1E6  | 11.490   | 13.275  |
| 9)                          | A Endosulfan I  | 6.348  | 0.000  | 193225   | 0        | 0.273    | N.D. #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.187  | 0        | 783340   | N.D.     | 0.030 # |
| 11)                         | B alpha-Chl...  | 6.284  | 6.187f | 1751555  | 783340   | 2.232    | 0.031 # |
| 12)                         | B 4,4'-DDE      | 6.348f | 6.412  | 193225   | 5712681  | 0.275    | 0.242   |
| 14)                         | MA Endrin       | 6.836  | 6.786  | 33516744 | 1065.4E6 | 51.615   | 55.416  |
| 16)                         | A 4,4'-DDD      | 6.927  | 6.903  | 1187879  | 70190798 | 2.137    | 3.930 # |
| 17)                         | MA 4,4'-DDT     | 7.168  | 7.204  | 60742319 | 1580.6E6 | 117.126  | 130.333 |
| 18)                         | B Endrin al...  | 0.000  | 7.117  | 0        | 6372631  | N.D.     | 0.403 # |
| 20)                         | A Methoxychlor  | 7.693  | 7.660  | 83378678 | 1952.9E6 | 283.310  | 291.759 |
| 21)                         | B Endrin ke...  | 7.964  | 7.814  | 850070   | 18387788 | 1.236    | 1.111   |
| 23)                         | Chlordane-1     | 5.157  | 0.000  | 1857937  | 0        | 69.868   | N.D. #  |
| 25)                         | Chlordane-3     | 0.000  | 6.187  | 0        | 783340   | N.D.     | 0.216 # |
| 26)                         | Chlordane-4     | 6.284  | 6.187  | 1751555  | 783340   | 24.425   | 0.191 # |
| 27)                         | Chlordane-5     | 7.168  | 7.117  | 60742319 | 6372631  | 2205.986 | 8.974 # |
| -----                       |                 |        |        |          |          |          |         |

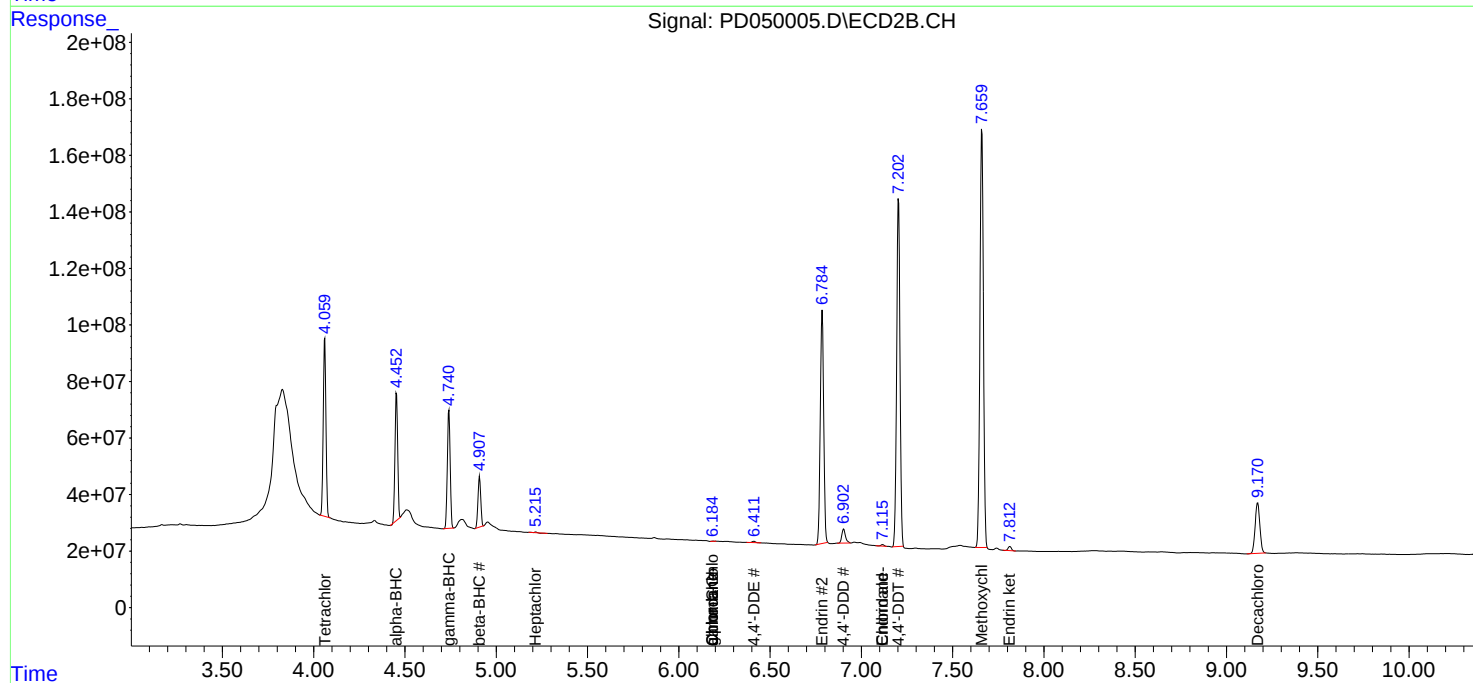
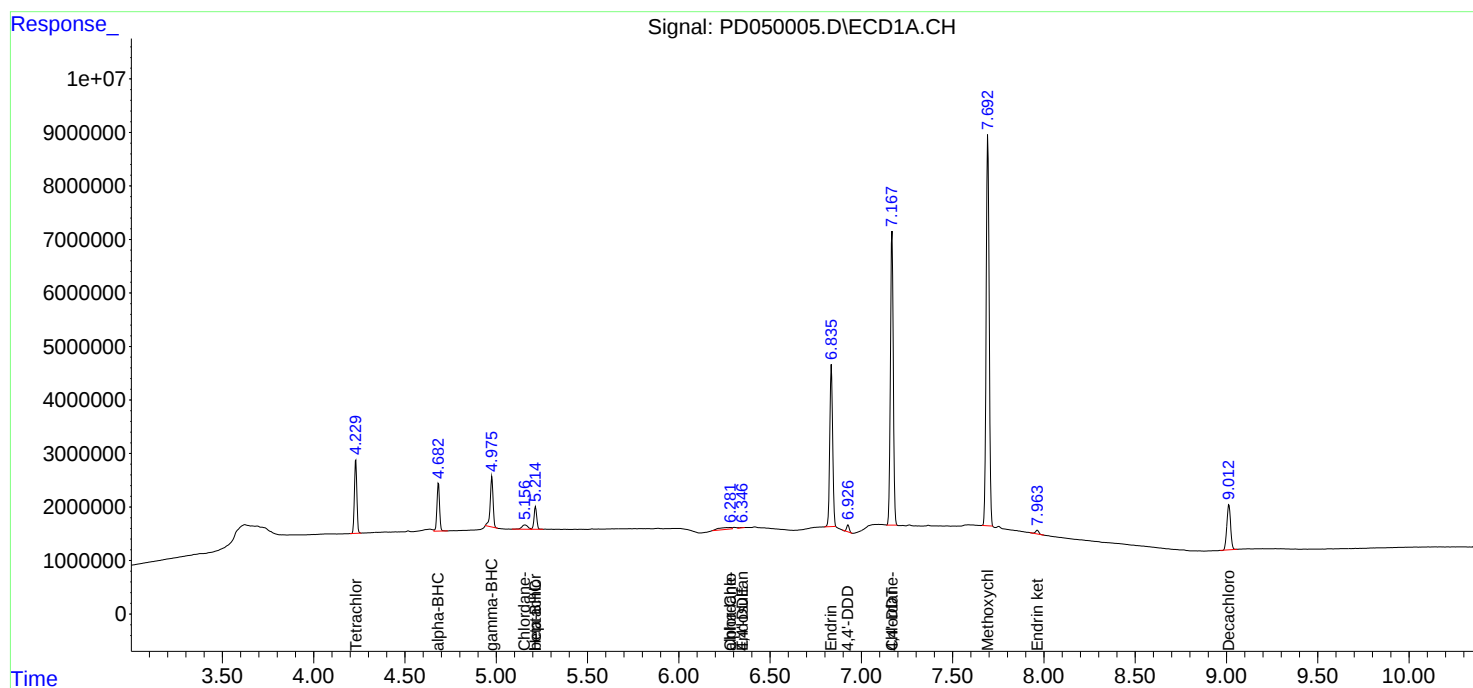
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

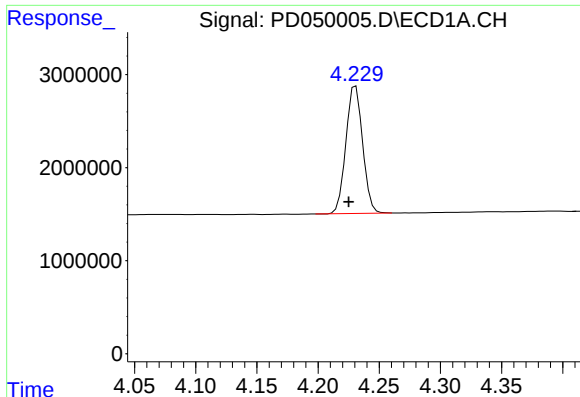
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102318\  
Data File : PD050005.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Oct 2018 17:34  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:18:33 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

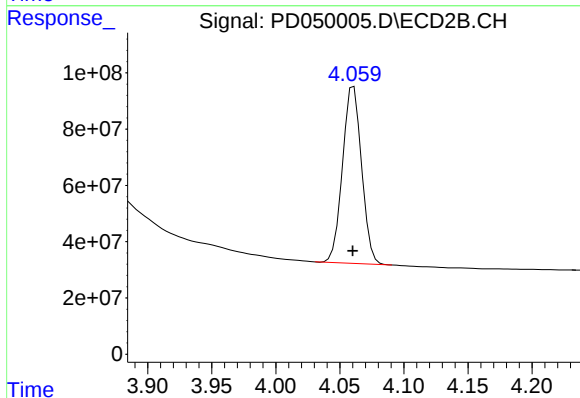




#1 Tetrachloro-m-xylene

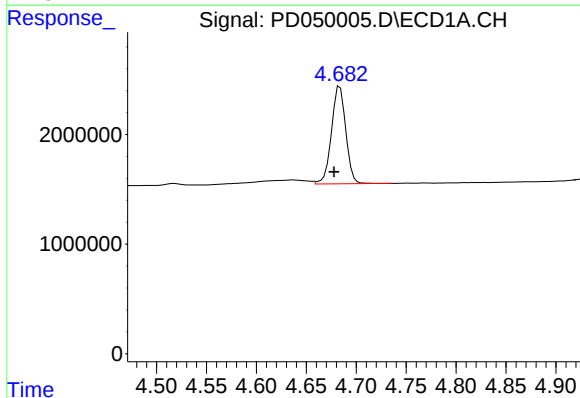
R.T.: 4.231 min  
Delta R.T.: 0.006 min  
Response: 13022473  
Conc: 21.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



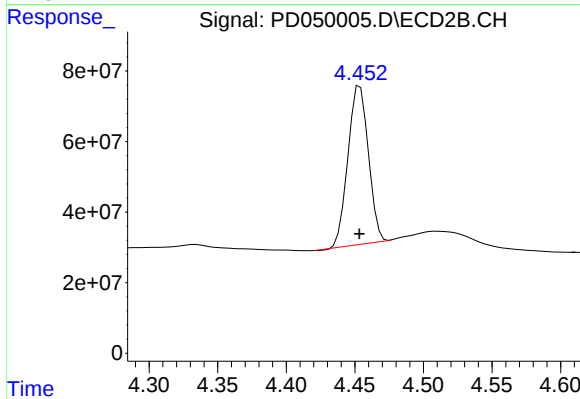
#1 Tetrachloro-m-xylene

R.T.: 4.061 min  
Delta R.T.: 0.000 min  
Response: 649106820  
Conc: 25.29 ng/ml



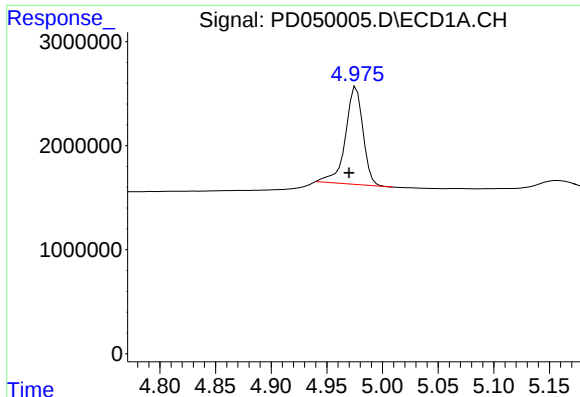
#2 alpha-BHC

R.T.: 4.684 min  
Delta R.T.: 0.006 min  
Response: 8913578  
Conc: 10.55 ng/ml



#2 alpha-BHC

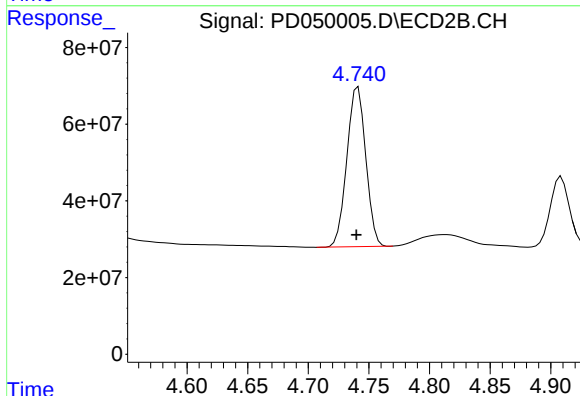
R.T.: 4.454 min  
Delta R.T.: 0.000 min  
Response: 464402060  
Conc: 12.45 ng/ml



#3 gamma-BHC (Lindane)

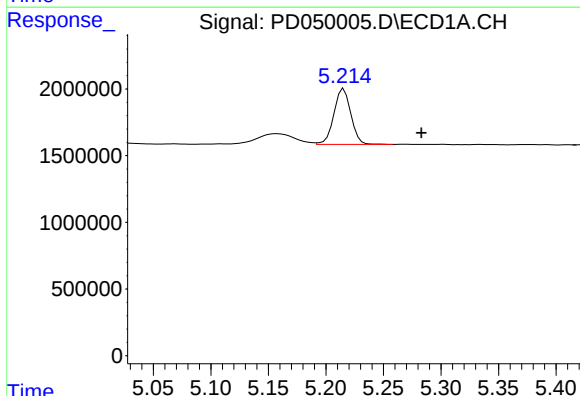
R.T.: 4.976 min  
Delta R.T.: 0.007 min  
Response: 10248998  
Conc: 12.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



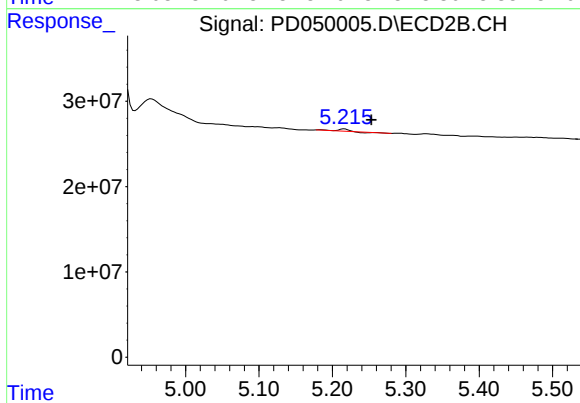
#3 gamma-BHC (Lindane)

R.T.: 4.741 min  
Delta R.T.: 0.001 min  
Response: 452791425  
Conc: 13.39 ng/ml



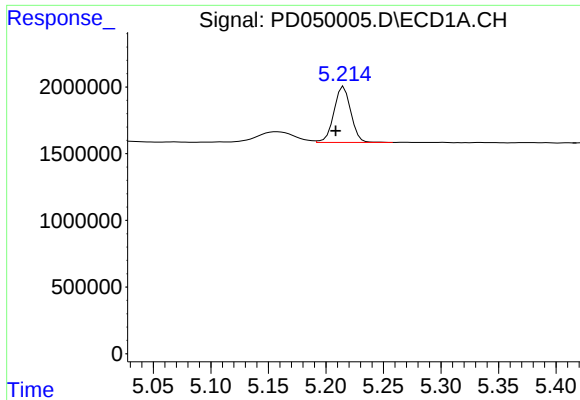
#4 Heptachlor

R.T.: 5.216 min  
Delta R.T.: -0.067 min  
Response: 4289529  
Conc: 5.46 ng/ml



#4 Heptachlor

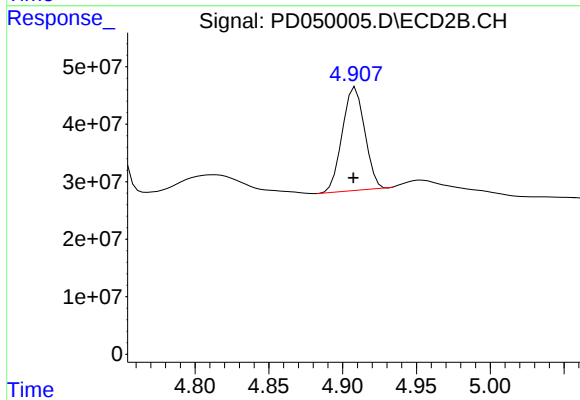
R.T.: 5.216 min  
Delta R.T.: -0.037 min  
Response: 2039763  
Conc: 0.06 ng/ml



#6 beta-BHC

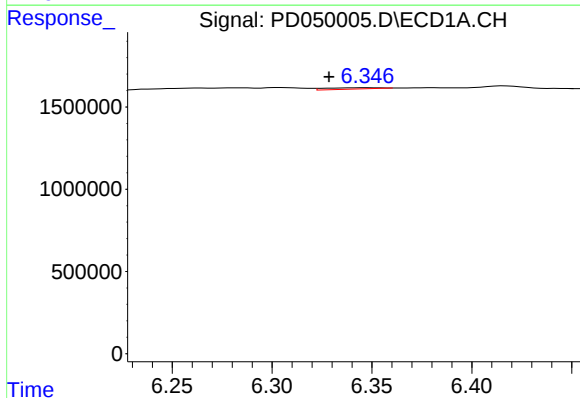
R.T.: 5.216 min  
Delta R.T.: 0.007 min  
Response: 4289529  
Conc: 11.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



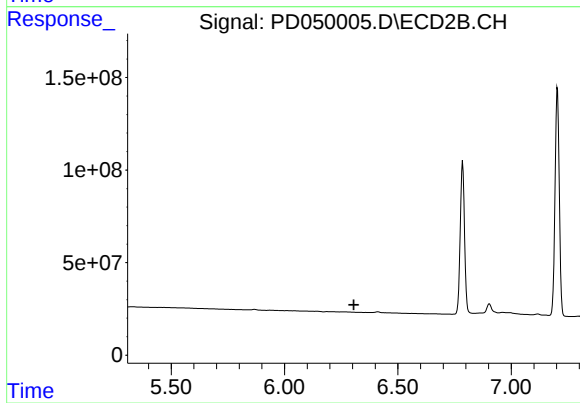
#6 beta-BHC

R.T.: 4.909 min  
Delta R.T.: 0.001 min  
Response: 191119517  
Conc: 13.28 ng/ml



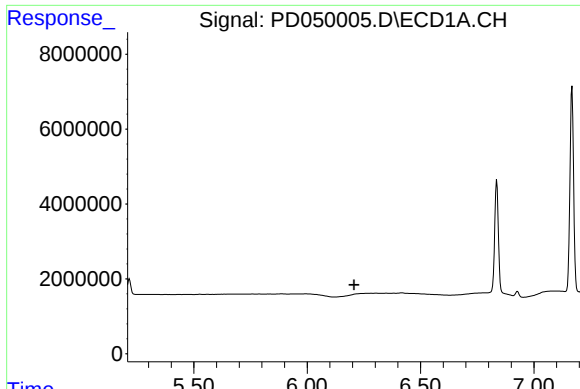
#9 Endosulfan I

R.T.: 6.348 min  
Delta R.T.: 0.020 min  
Response: 193225  
Conc: 0.27 ng/ml



#9 Endosulfan I

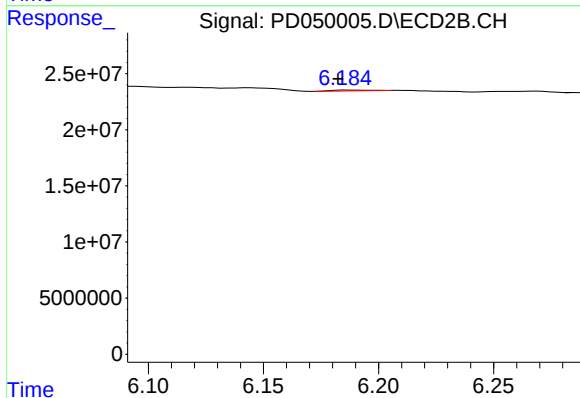
R.T.: 0.000 min  
Exp R.T.: 6.306 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

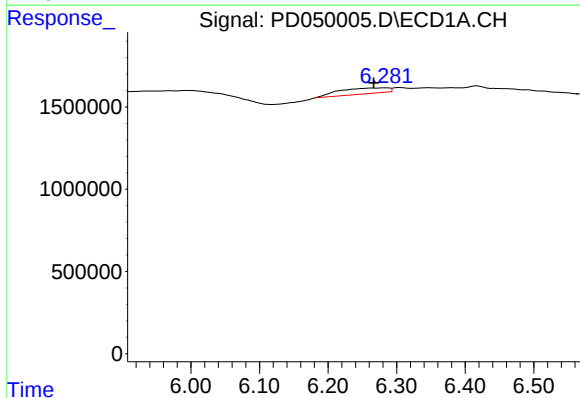
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



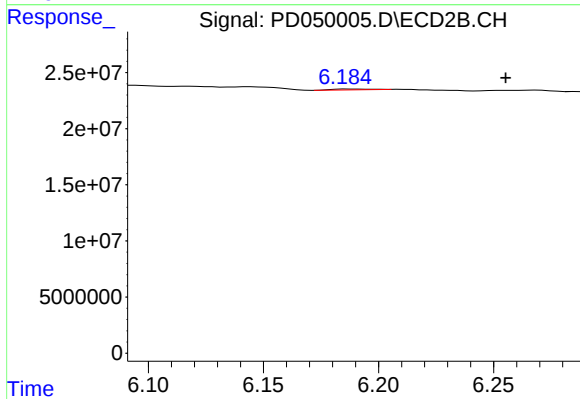
#10 gamma-Chlordane

R.T.: 6.187 min  
Delta R.T.: 0.005 min  
Response: 783340  
Conc: 0.03 ng/ml



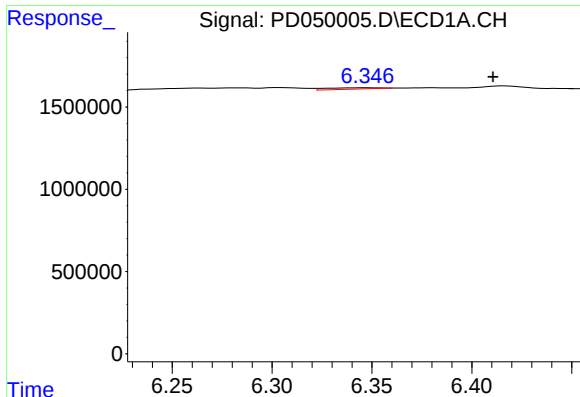
#11 alpha-Chlordane

R.T.: 6.284 min  
Delta R.T.: 0.017 min  
Response: 1751555  
Conc: 2.23 ng/ml



#11 alpha-Chlordane

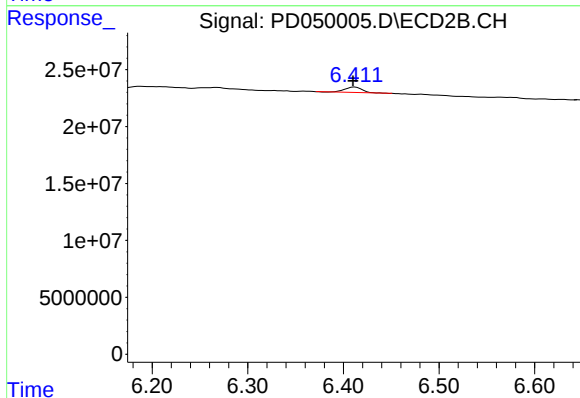
R.T.: 6.187 min  
Delta R.T.: -0.068 min  
Response: 783340  
Conc: 0.03 ng/ml



#12 4,4'-DDE

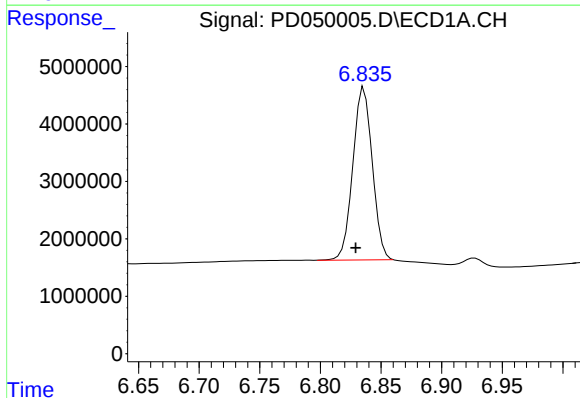
R.T.: 6.348 min  
Delta R.T.: -0.062 min  
Response: 193225  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



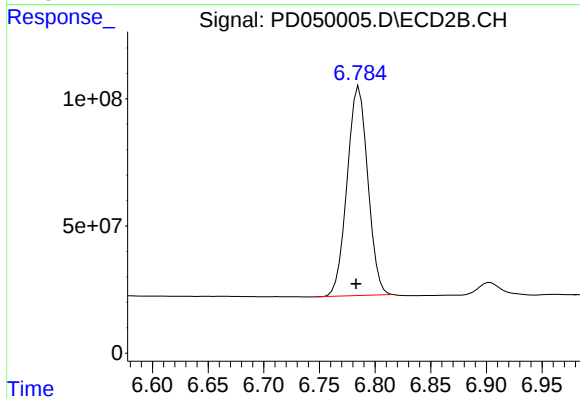
#12 4,4'-DDE

R.T.: 6.412 min  
Delta R.T.: 0.002 min  
Response: 5712681  
Conc: 0.24 ng/ml



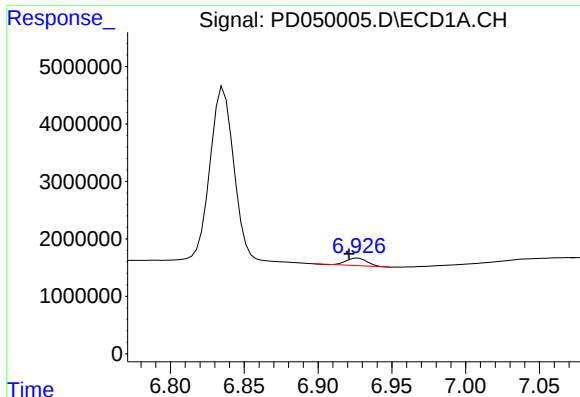
#14 Endrin

R.T.: 6.836 min  
Delta R.T.: 0.007 min  
Response: 33516744  
Conc: 51.61 ng/ml



#14 Endrin

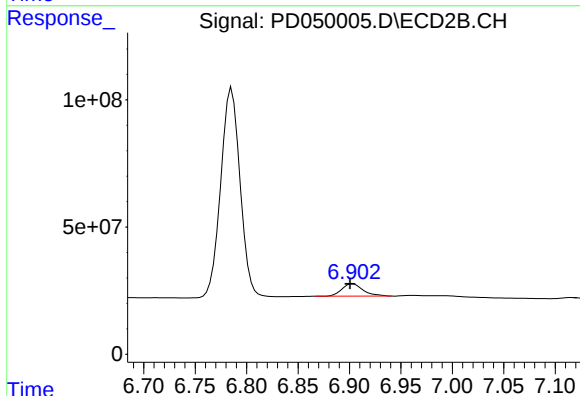
R.T.: 6.786 min  
Delta R.T.: 0.003 min  
Response: 1065369641  
Conc: 55.42 ng/ml



#16 4,4'-DDD

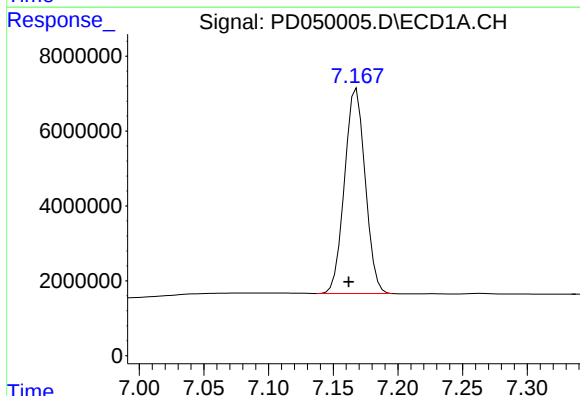
R.T.: 6.927 min  
Delta R.T.: 0.006 min  
Response: 1187879  
Conc: 2.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



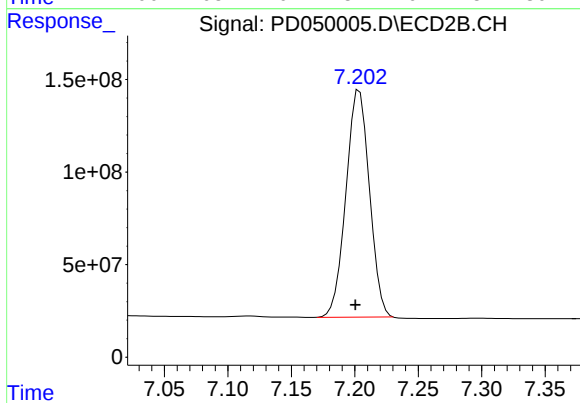
#16 4,4'-DDD

R.T.: 6.903 min  
Delta R.T.: 0.003 min  
Response: 70190798  
Conc: 3.93 ng/ml



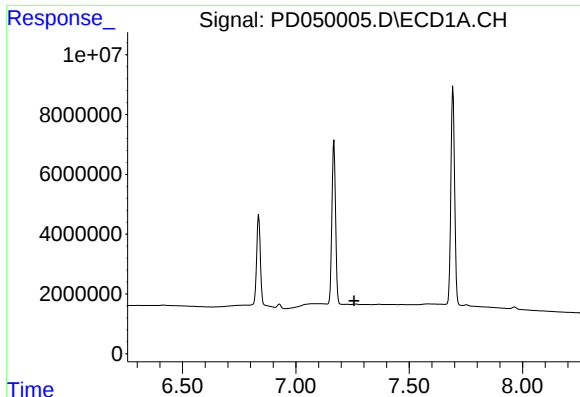
#17 4,4'-DDT

R.T.: 7.168 min  
Delta R.T.: 0.006 min  
Response: 60742319  
Conc: 117.13 ng/ml



#17 4,4'-DDT

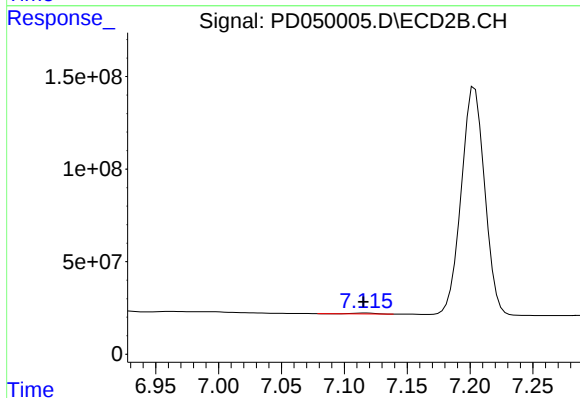
R.T.: 7.204 min  
Delta R.T.: 0.003 min  
Response: 1580554758  
Conc: 130.33 ng/ml



#18 Endrin aldehyde

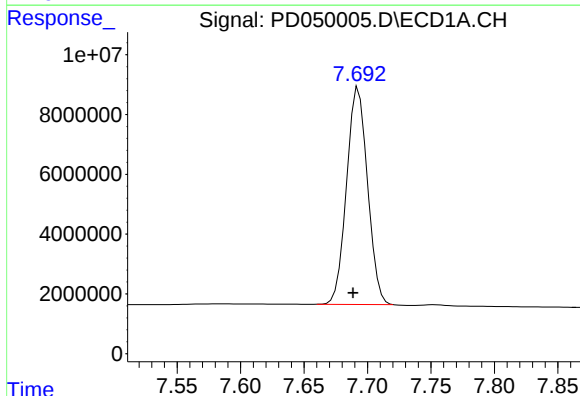
R.T.: 0.000 min  
Exp R.T.: 7.257 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



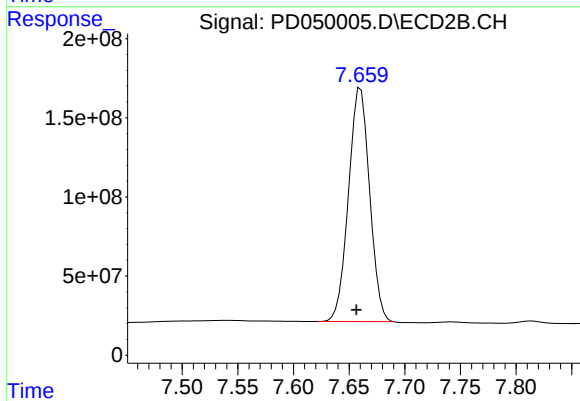
#18 Endrin aldehyde

R.T.: 7.117 min  
Delta R.T.: 0.001 min  
Response: 6372631  
Conc: 0.40 ng/ml



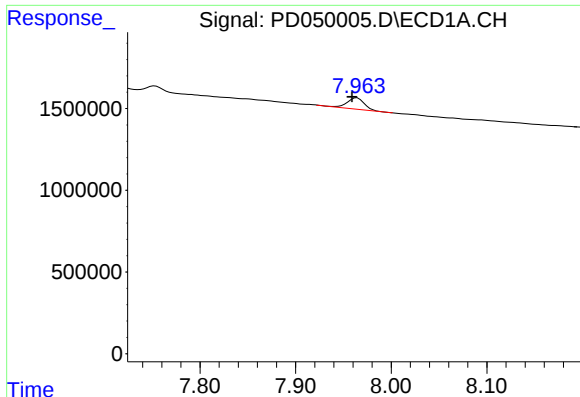
#20 Methoxychlor

R.T.: 7.693 min  
Delta R.T.: 0.005 min  
Response: 83378678  
Conc: 283.31 ng/ml



#20 Methoxychlor

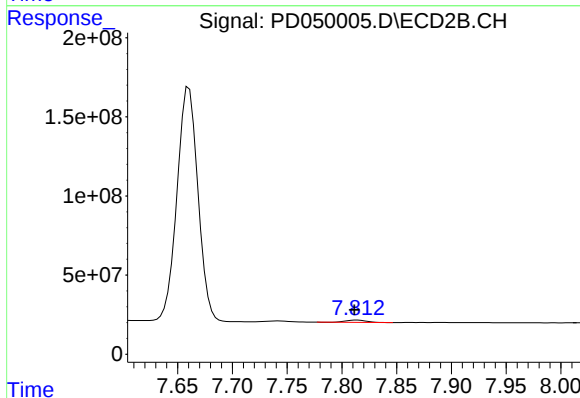
R.T.: 7.660 min  
Delta R.T.: 0.004 min  
Response: 1952869695  
Conc: 291.76 ng/ml



#21 Endrin ketone

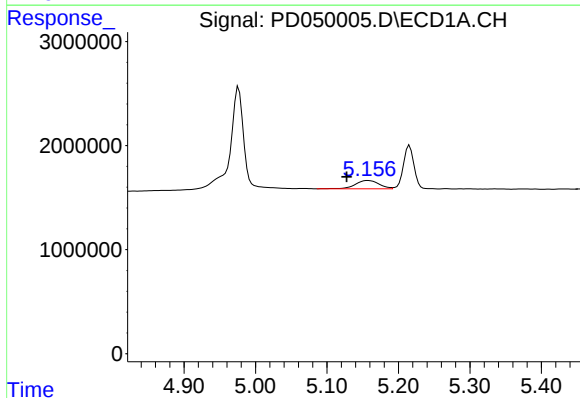
R.T.: 7.964 min  
Delta R.T.: 0.005 min  
Response: 850070  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



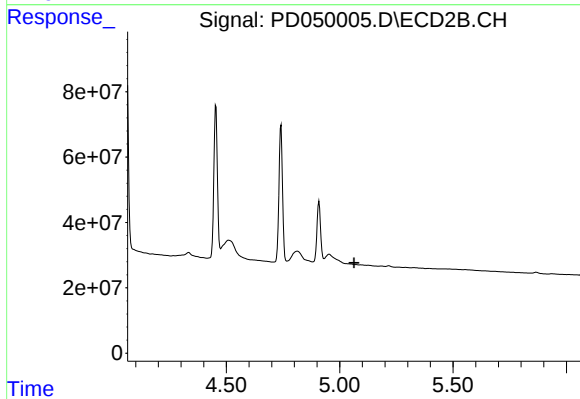
#21 Endrin ketone

R.T.: 7.814 min  
Delta R.T.: 0.002 min  
Response: 18387788  
Conc: 1.11 ng/ml



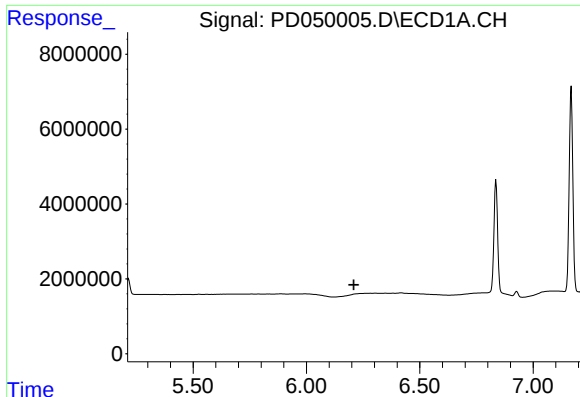
#23 Chlordane-1

R.T.: 5.157 min  
Delta R.T.: 0.030 min  
Response: 1857937  
Conc: 69.87 ng/ml



#23 Chlordane-1

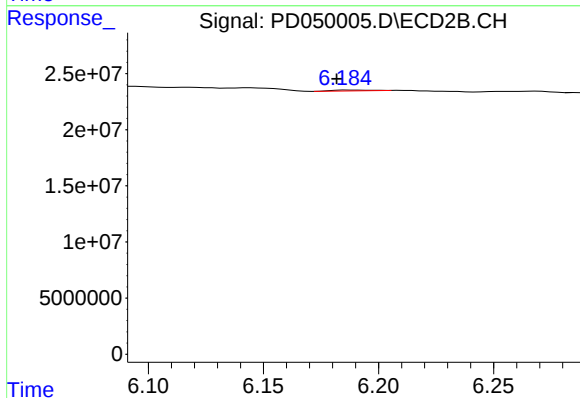
R.T.: 0.000 min  
Exp R.T.: 5.063 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

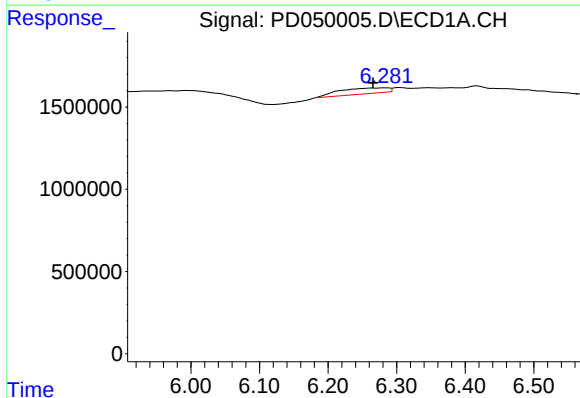
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



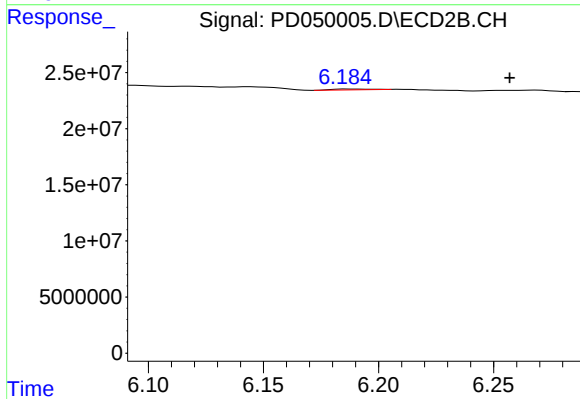
#25 Chlordane-3

R.T.: 6.187 min  
Delta R.T.: 0.006 min  
Response: 783340  
Conc: 0.22 ng/ml



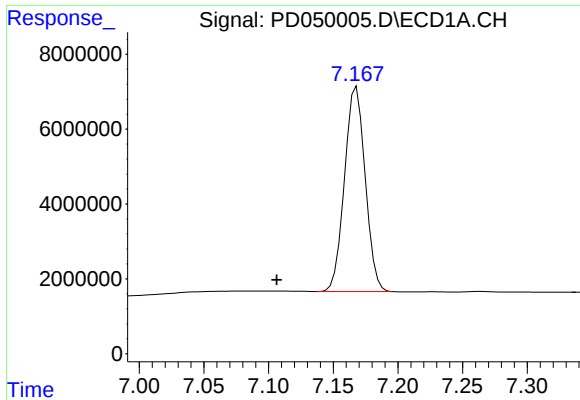
#26 Chlordane-4

R.T.: 6.284 min  
Delta R.T.: 0.018 min  
Response: 1751555  
Conc: 24.43 ng/ml



#26 Chlordane-4

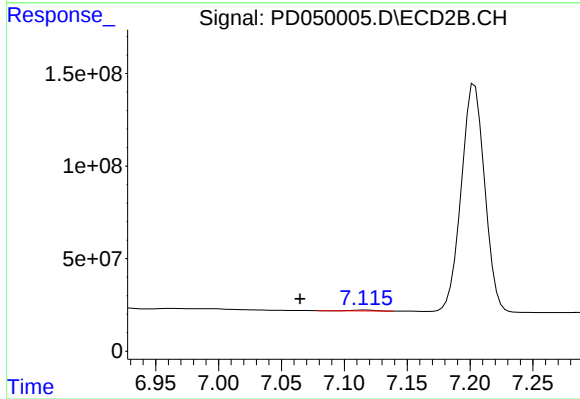
R.T.: 6.187 min  
Delta R.T.: -0.070 min  
Response: 783340  
Conc: 0.19 ng/ml



#27 Chlordane-5

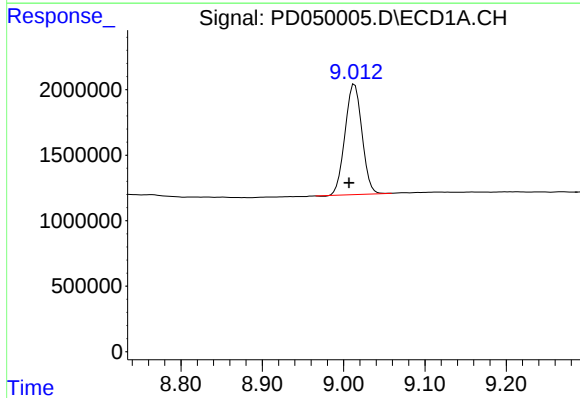
R.T.: 7.168 min  
Delta R.T.: 0.062 min  
Response: 60742319  
Conc: 2205.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



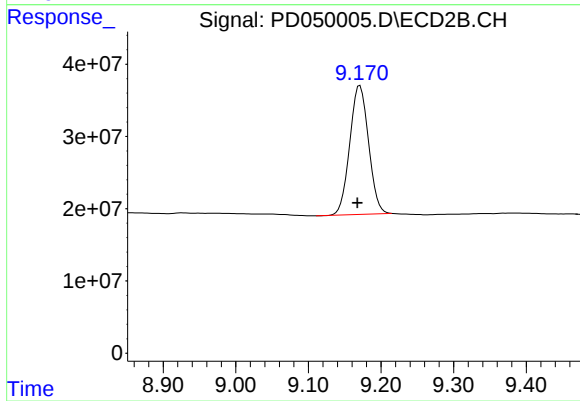
#27 Chlordane-5

R.T.: 7.117 min  
Delta R.T.: 0.052 min  
Response: 6372631  
Conc: 8.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.014 min  
Delta R.T.: 0.007 min  
Response: 12196411  
Conc: 19.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.171 min  
Delta R.T.: 0.004 min  
Response: 321228180  
Conc: 20.33 ng/ml