

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011219\  
 Data File : PD051006.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Jan 2019 10:53  
 Operator : AJ\SJ  
 Sample : K1083-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 11:33:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 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... | 3.226  | 4.045  | 25139566 | 369.8E6  | 16.831 | 12.427 # |
| 28)                         | SA Decachlor... | 7.829  | 9.157  | 19608854 | 196.4E6  | 16.156 | 9.843 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.424  | 0        | 3072661  | N.D.   | 0.067 #  |
| 3)                          | MA gamma-BHC... | 3.918  | 4.691f | 1407207  | 64895257 | 0.597  | 1.561 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.235  | 0        | 3742962  | N.D.   | 0.092 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.554  | 0        | 7746184  | N.D.   | 0.198 #  |
| 6)                          | B beta-BHC      | 4.107f | 4.872  | 71797    | 2922074  | 0.076  | 0.161 #  |
| 7)                          | B delta-BHC     | 4.347  | 0.000  | 339564   | 0        | 0.151  | N.D. #   |
| 8)                          | B Heptachlo...  | 4.873  | 5.920  | -59307   | 30687045 | N.D.   | 0.880    |
| 9)                          | A Endosulfan I  | 5.164  | 6.290  | 336292   | 20832067 | 0.158  | 0.662 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.207f | 0        | 20263145 | N.D.   | 0.583 #  |
| 11)                         | B alpha-Chl...  | 5.164  | 6.222  | 336292   | 6351102  | 0.146  | 0.187 #  |
| 12)                         | B 4,4'-DDE      | 5.315  | 6.391  | 519994   | 2185214  | 0.241  | 0.066 #  |
| 13)                         | MA Dieldrin     | 5.419  | 6.550  | 467462   | 1947904  | 0.200  | 0.058 #  |
| 14)                         | MA Endrin       | 5.679  | 6.768  | -40730   | 10679523 | N.D.   | 0.379    |
| 15)                         | B Endosulfa...  | 5.934  | 6.980  | 223446   | 37380388 | 0.112  | 1.366 #  |
| 16)                         | A 4,4'-DDD      | 5.820  | 6.896  | 798103   | 25514340 | 0.452  | 0.972 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.191  | 0        | 7116117  | N.D.   | 0.298 #  |
| 18)                         | B Endrin al...  | 6.141f | 7.103  | 379607   | 9739230  | 0.235  | 0.427 #  |
| 19)                         | B Endosulfa...  | 6.304  | 7.324  | 298415   | 2670880  | 0.152  | 0.099 #  |
| 20)                         | A Methoxychlor  | 6.577  | 7.663  | 170294   | 3581936  | 0.178  | 0.294 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.537  | 0        | 10583336 | N.D.   | 7.888 #  |
| 25)                         | Chlordane-3     | 0.000  | 6.207  | 0        | 20263145 | N.D.   | 4.669 #  |
| 26)                         | Chlordane-4     | 5.164  | 6.222  | 336292   | 6351102  | 1.397  | 1.284    |
| 27)                         | Chlordane-5     | 5.934  | 7.050  | 223446   | 6762355  | 2.804  | 6.558 #  |
| -----                       |                 |        |        |          |          |        |          |

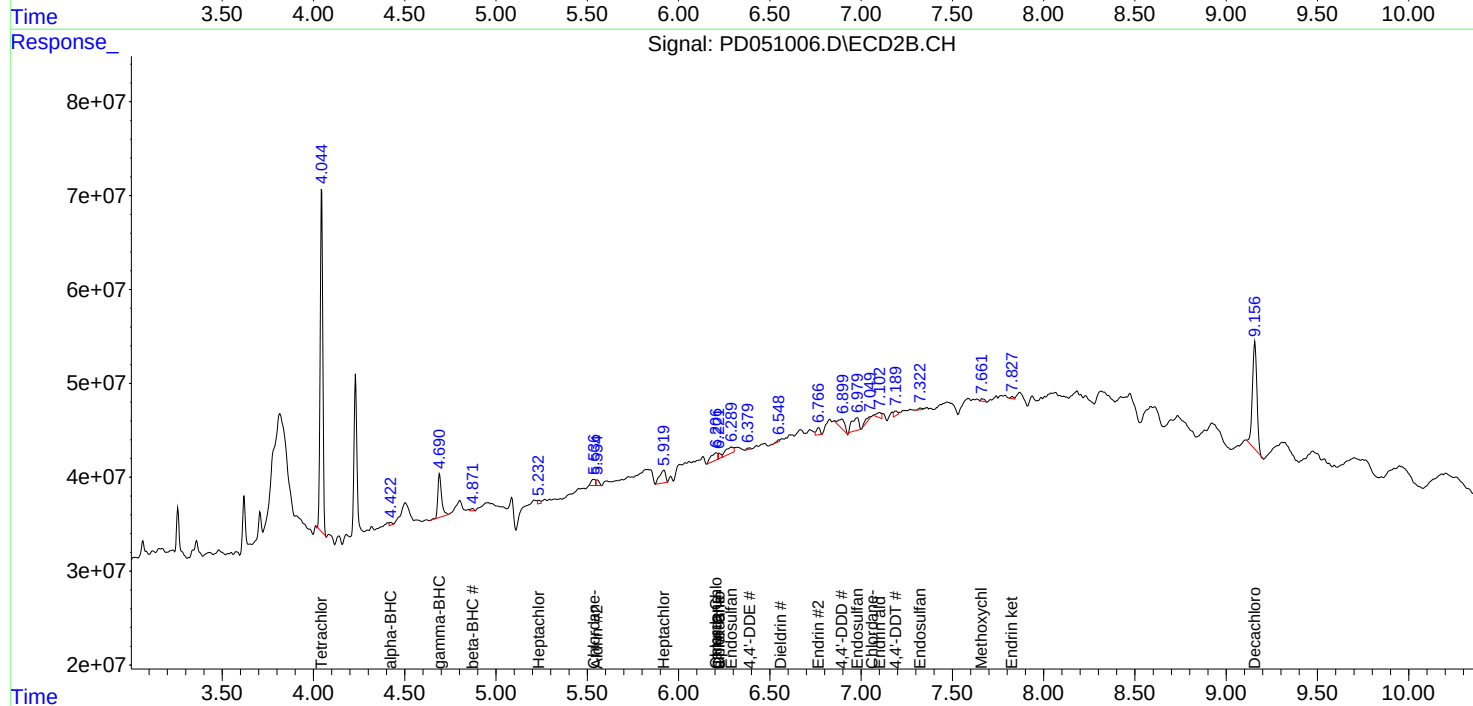
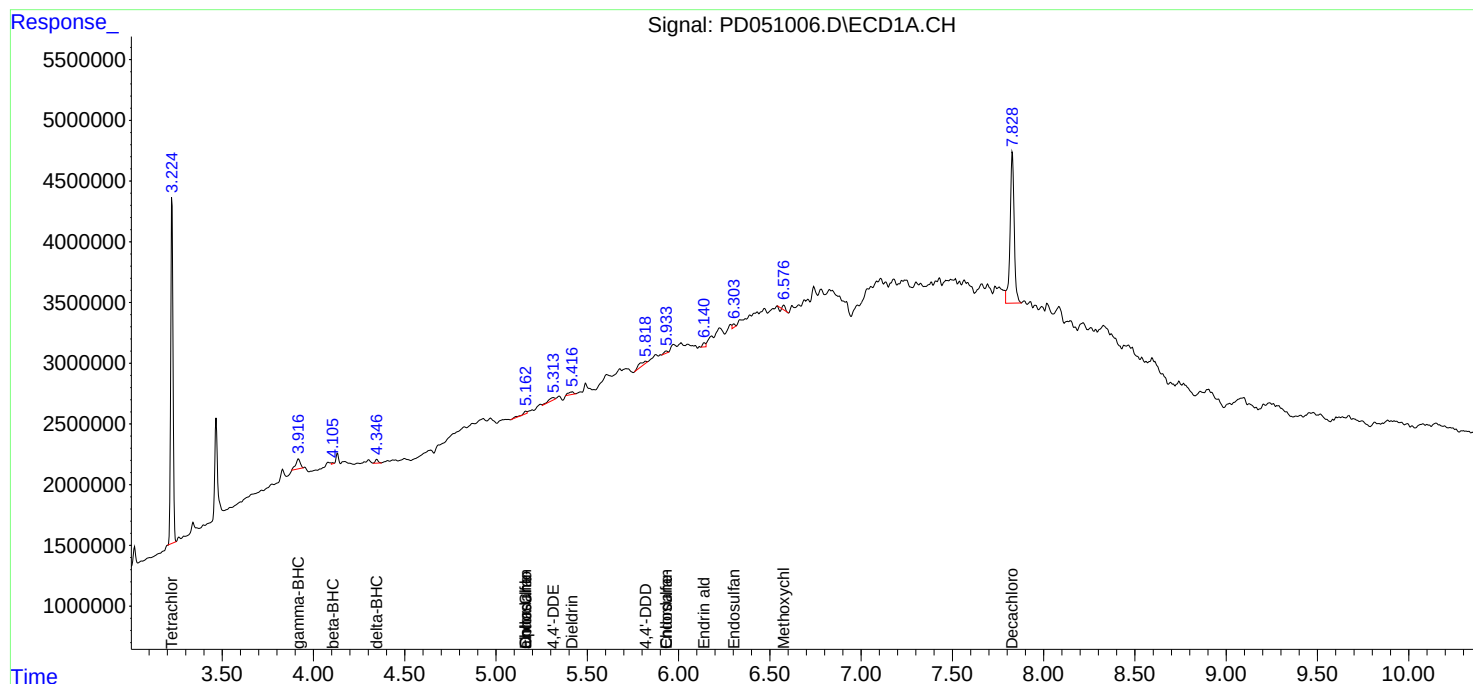
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

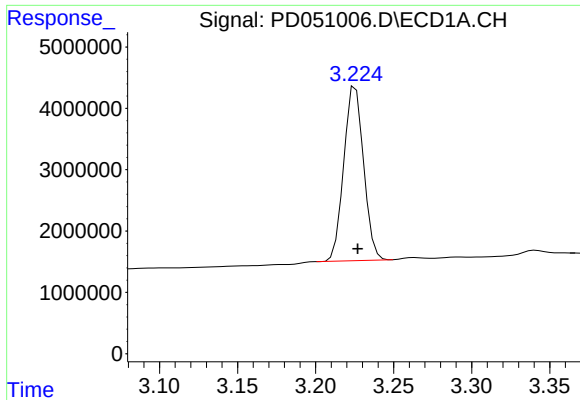
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011219\  
Data File : PD051006.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Jan 2019 10:53  
Operator : AJ\SJ  
Sample : K1083-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 11 11:33:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 2019  
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

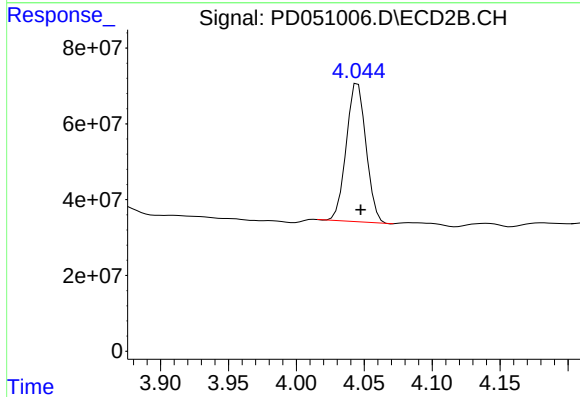




#1 Tetrachloro-m-xylene

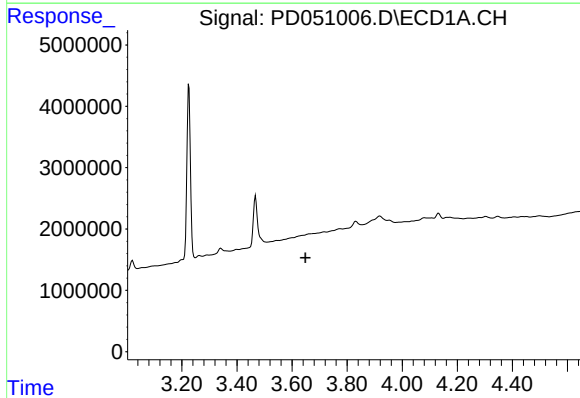
R.T.: 3.226 min  
Delta R.T.: -0.001 min  
Response: 25139566  
Conc: 16.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



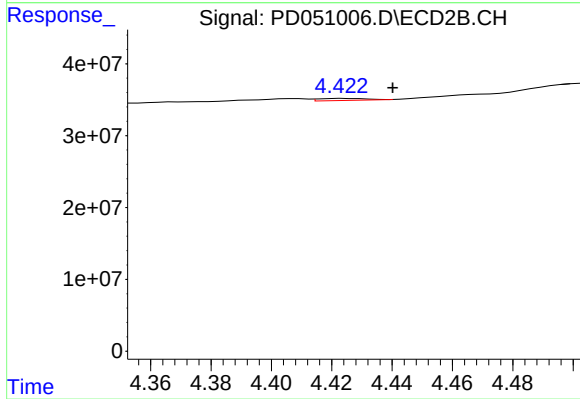
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 369839389  
Conc: 12.43 ng/ml



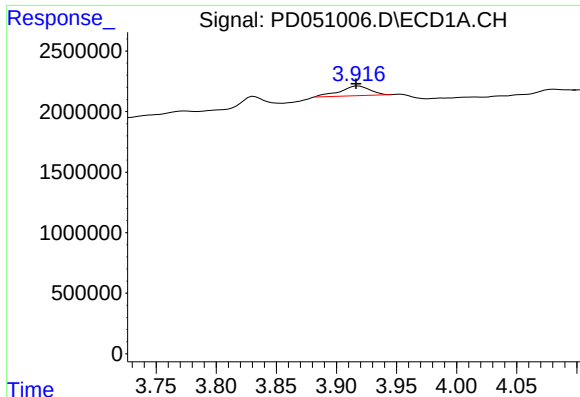
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.648 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

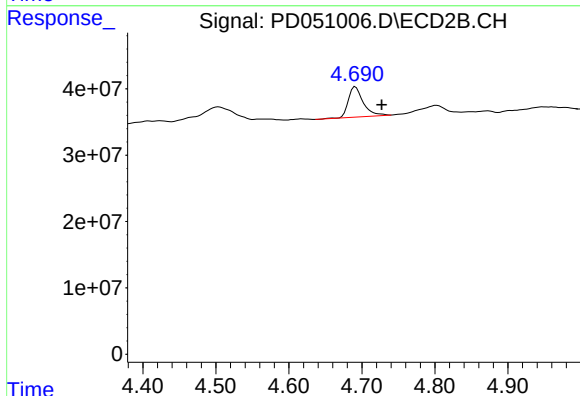
R.T.: 4.424 min  
Delta R.T.: -0.016 min  
Response: 3072661  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

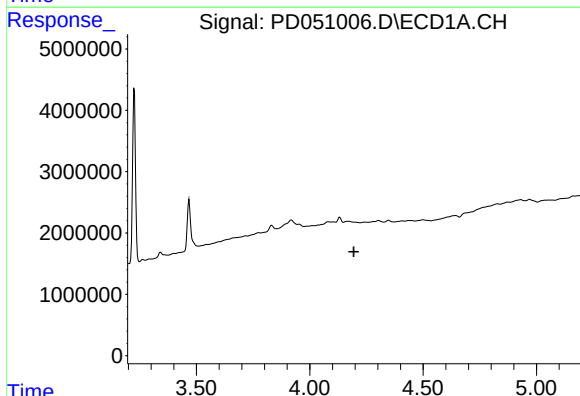
R.T.: 3.918 min  
Delta R.T.: 0.002 min  
Response: 1407207  
Conc: 0.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



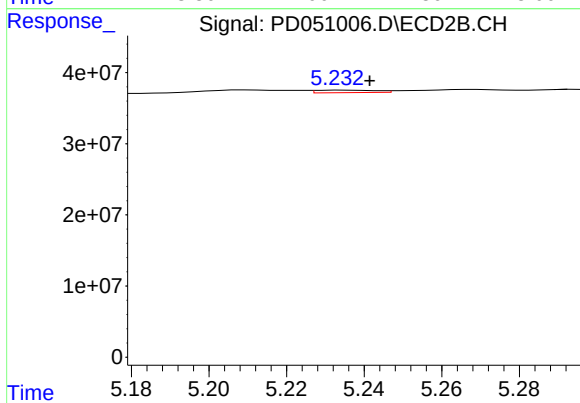
#3 gamma-BHC (Lindane)

R.T.: 4.691 min  
Delta R.T.: -0.036 min  
Response: 64895257  
Conc: 1.56 ng/ml



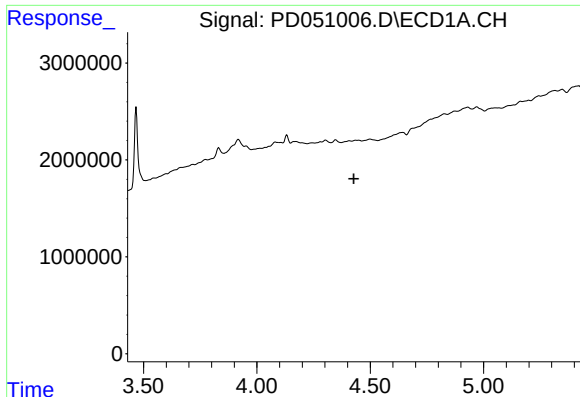
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.194 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

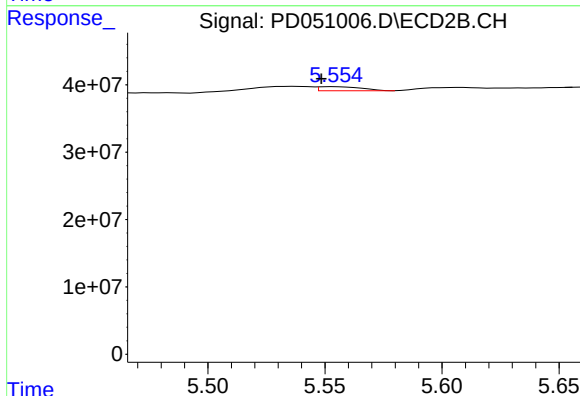
R.T.: 5.235 min  
Delta R.T.: -0.006 min  
Response: 3742962  
Conc: 0.09 ng/ml



#5 Aldrin

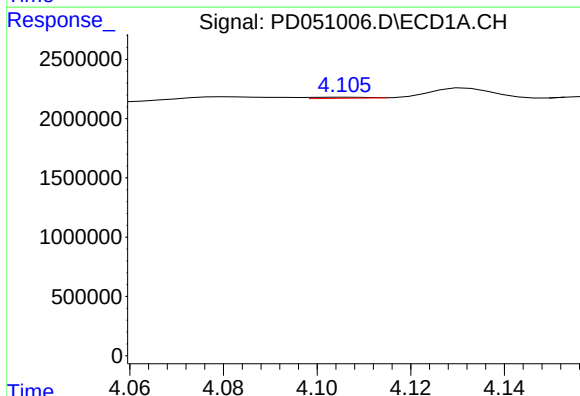
R.T.: 0.000 min  
Exp R.T.: 4.427 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



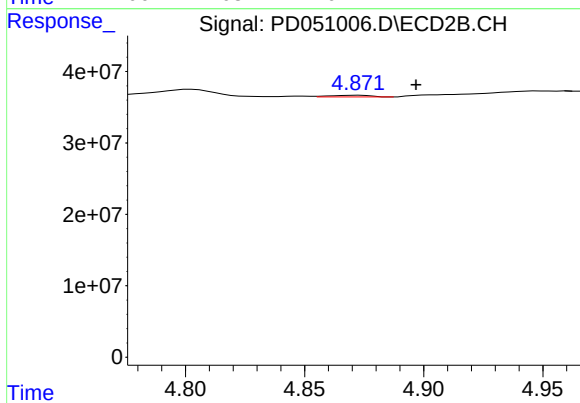
#5 Aldrin

R.T.: 5.554 min  
Delta R.T.: 0.005 min  
Response: 7746184  
Conc: 0.20 ng/ml



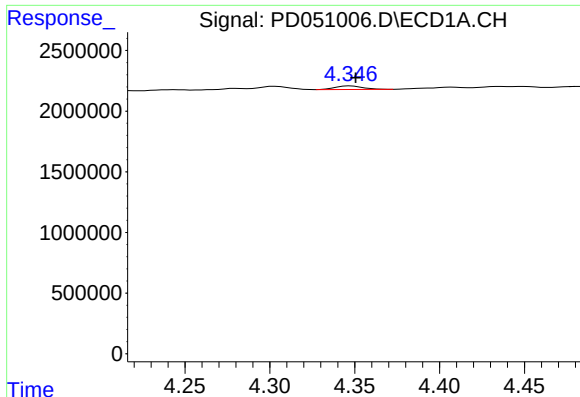
#6 beta-BHC

R.T.: 4.107 min  
Delta R.T.: -0.055 min  
Response: 71797  
Conc: 0.08 ng/ml



#6 beta-BHC

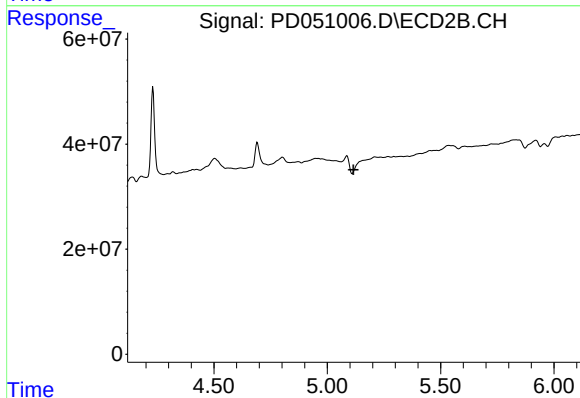
R.T.: 4.872 min  
Delta R.T.: -0.024 min  
Response: 2922074  
Conc: 0.16 ng/ml



#7 delta-BHC

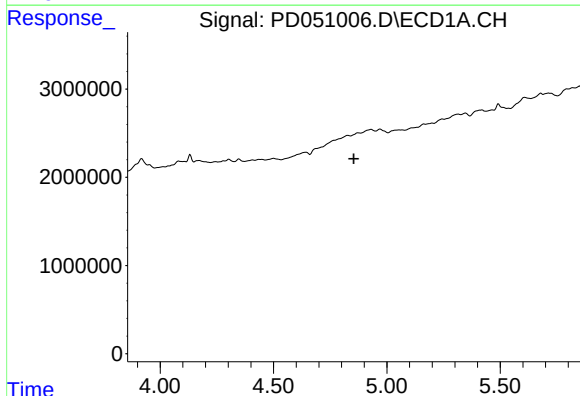
R.T.: 4.347 min  
Delta R.T.: -0.003 min  
Response: 339564  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



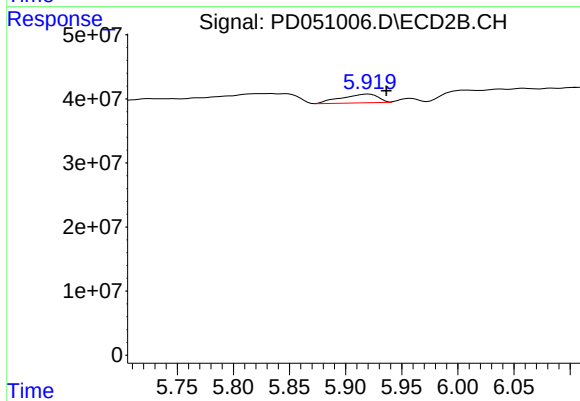
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.116 min  
Response: 0  
Conc: N.D.



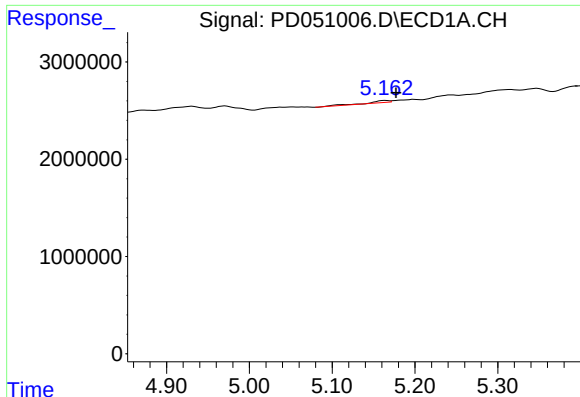
#8 Heptachlor epoxide

R.T.: 4.873 min  
Delta R.T.: 0.018 min  
Response: -59307  
Conc: N.D.



#8 Heptachlor epoxide

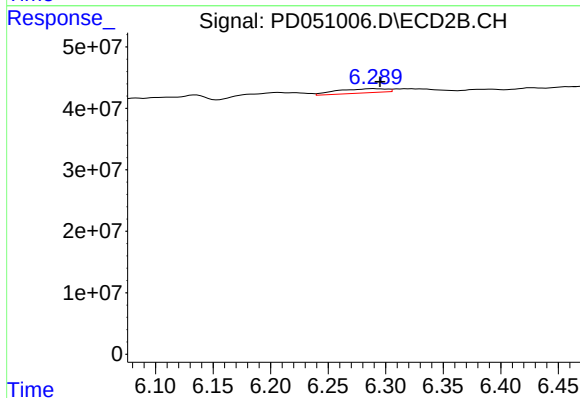
R.T.: 5.920 min  
Delta R.T.: -0.016 min  
Response: 30687045  
Conc: 0.88 ng/ml



#9 Endosulfan I

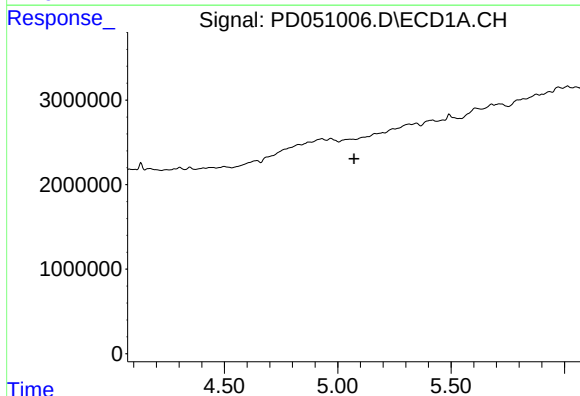
R.T.: 5.164 min  
Delta R.T.: -0.013 min  
Response: 336292  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



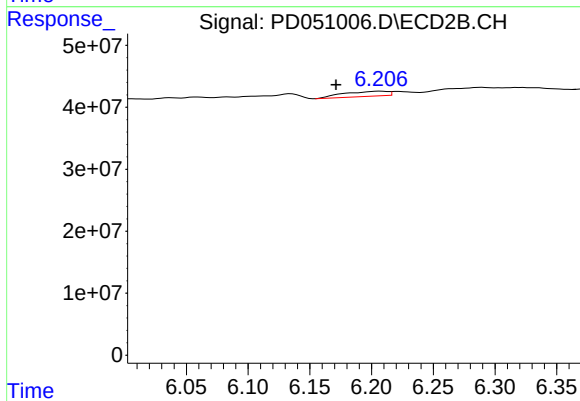
#9 Endosulfan I

R.T.: 6.290 min  
Delta R.T.: -0.005 min  
Response: 20832067  
Conc: 0.66 ng/ml



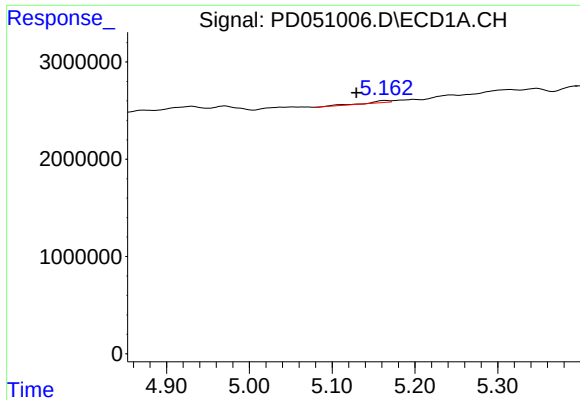
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.072 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

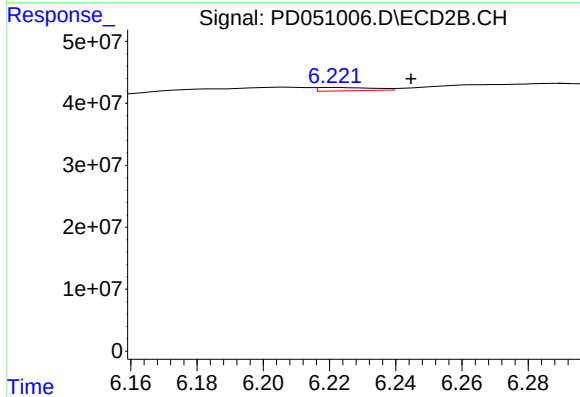
R.T.: 6.207 min  
Delta R.T.: 0.036 min  
Response: 20263145  
Conc: 0.58 ng/ml



#11 alpha-Chlordane

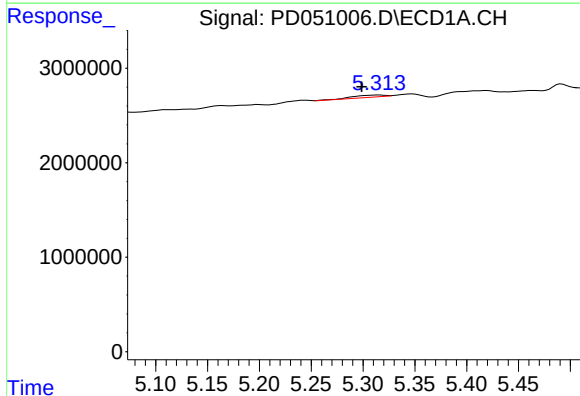
R.T.: 5.164 min  
Delta R.T.: 0.035 min  
Response: 336292  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



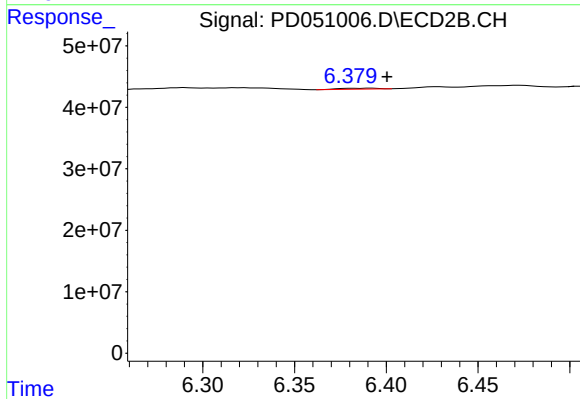
#11 alpha-Chlordane

R.T.: 6.222 min  
Delta R.T.: -0.023 min  
Response: 6351102  
Conc: 0.19 ng/ml



#12 4,4'-DDE

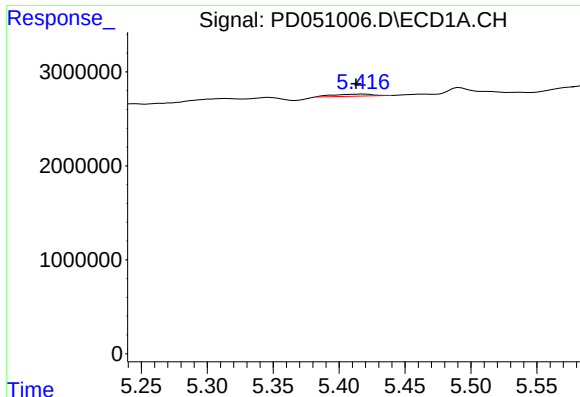
R.T.: 5.315 min  
Delta R.T.: 0.016 min  
Response: 519994  
Conc: 0.24 ng/ml



#12 4,4'-DDE

R.T.: 6.391 min  
Delta R.T.: -0.009 min  
Response: 2185214  
Conc: 0.07 ng/ml

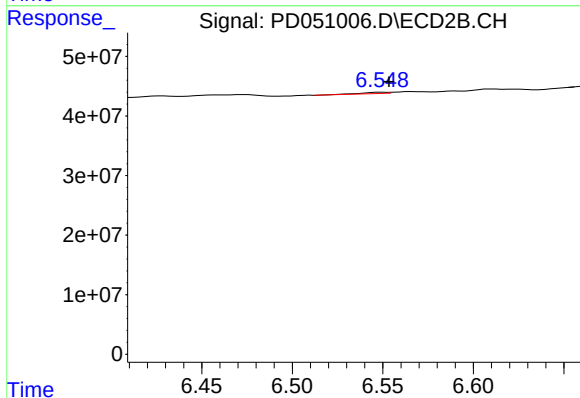




#13 Dieldrin

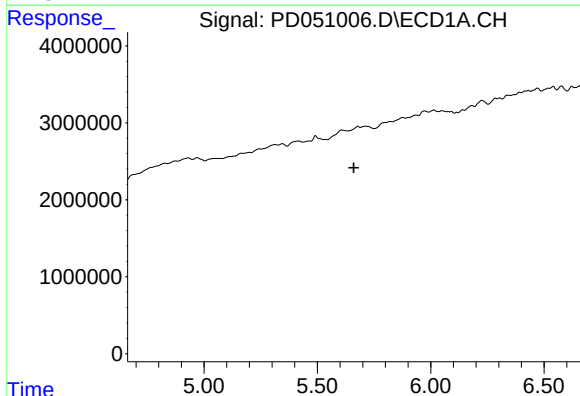
R.T.: 5.419 min  
Delta R.T.: 0.006 min  
Response: 467462  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



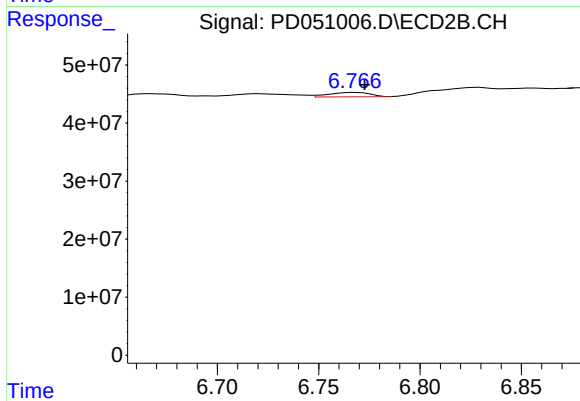
#13 Dieldrin

R.T.: 6.550 min  
Delta R.T.: -0.004 min  
Response: 1947904  
Conc: 0.06 ng/ml



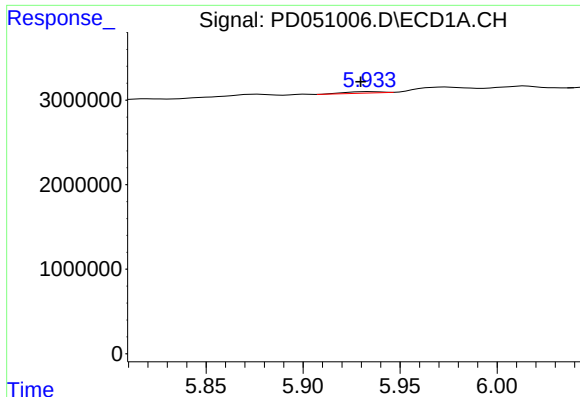
#14 Endrin

R.T.: 5.679 min  
Delta R.T.: 0.019 min  
Response: -40730  
Conc: N.D.



#14 Endrin

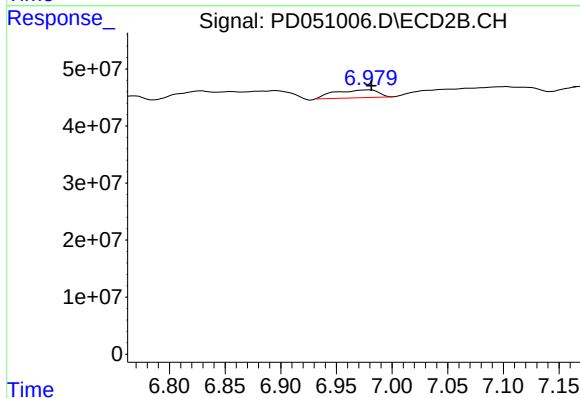
R.T.: 6.768 min  
Delta R.T.: -0.005 min  
Response: 10679523  
Conc: 0.38 ng/ml



#15 Endosulfan II

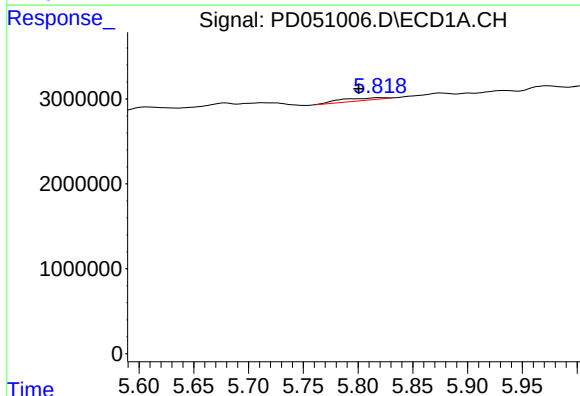
R.T.: 5.934 min  
Delta R.T.: 0.004 min  
Response: 223446  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



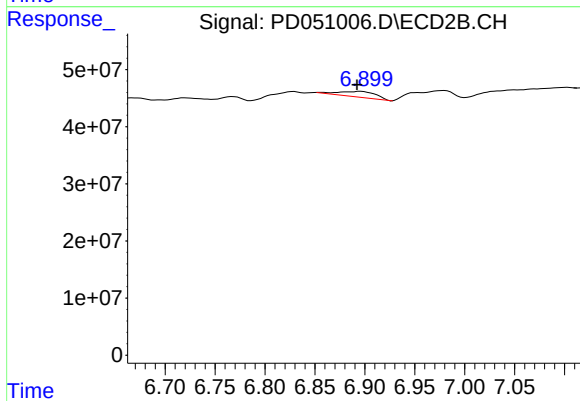
#15 Endosulfan II

R.T.: 6.980 min  
Delta R.T.: -0.002 min  
Response: 37380388  
Conc: 1.37 ng/ml



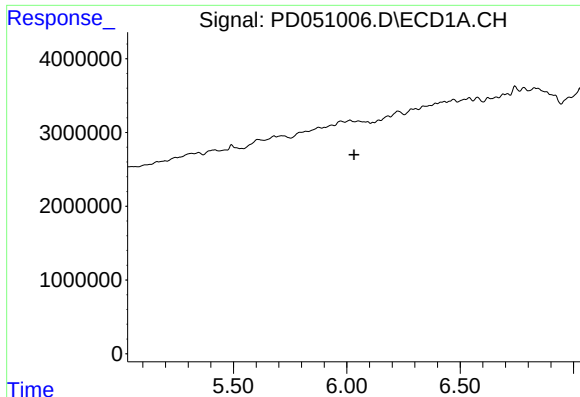
#16 4,4'-DDD

R.T.: 5.820 min  
Delta R.T.: 0.019 min  
Response: 798103  
Conc: 0.45 ng/ml



#16 4,4'-DDD

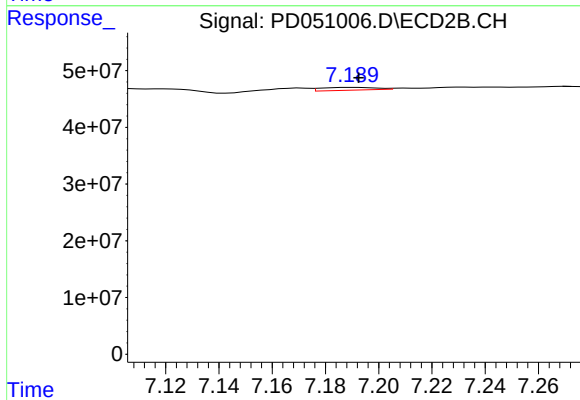
R.T.: 6.896 min  
Delta R.T.: 0.003 min  
Response: 25514340  
Conc: 0.97 ng/ml



#17 4,4'-DDT

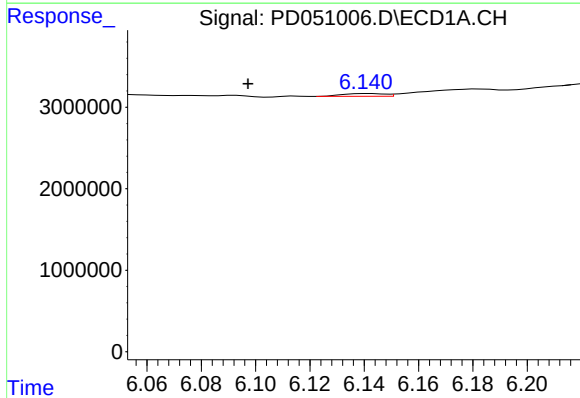
R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



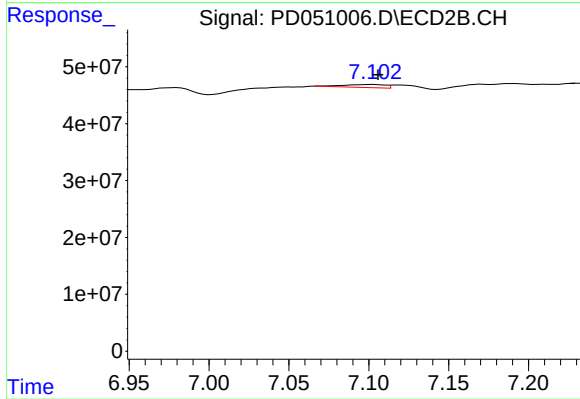
#17 4,4'-DDT

R.T.: 7.191 min  
Delta R.T.: -0.002 min  
Response: 7116117  
Conc: 0.30 ng/ml



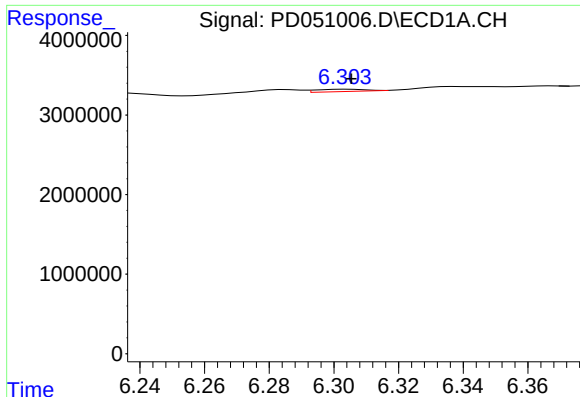
#18 Endrin aldehyde

R.T.: 6.141 min  
Delta R.T.: 0.044 min  
Response: 379607  
Conc: 0.24 ng/ml



#18 Endrin aldehyde

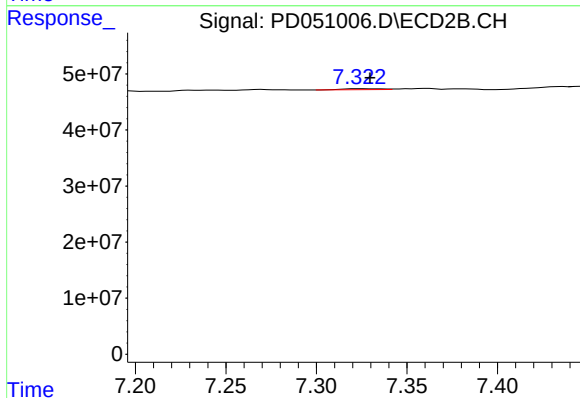
R.T.: 7.103 min  
Delta R.T.: -0.003 min  
Response: 9739230  
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

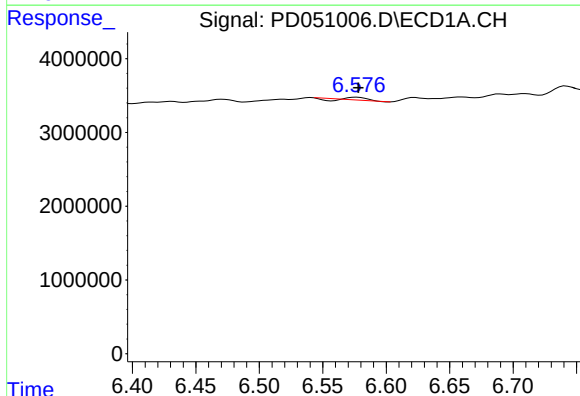
R.T.: 6.304 min  
Delta R.T.: -0.001 min  
Response: 298415  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



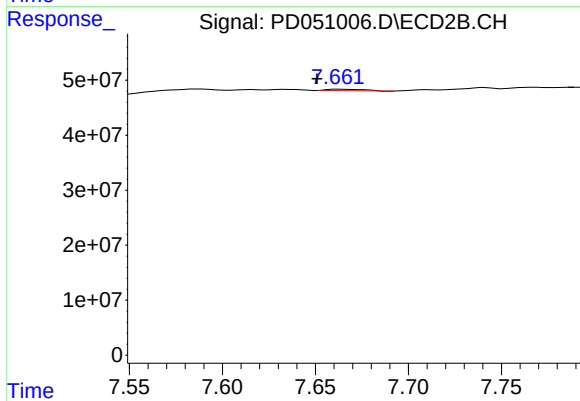
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: -0.006 min  
Response: 2670880  
Conc: 0.10 ng/ml



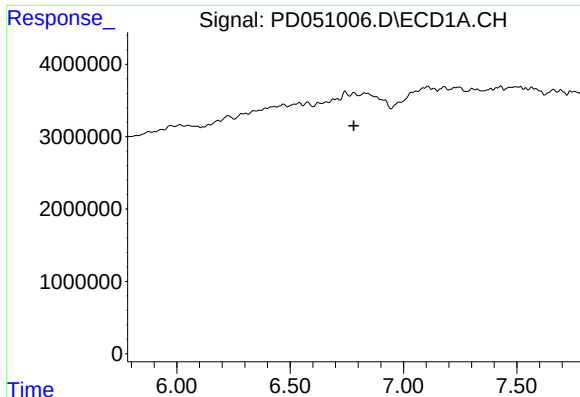
#20 Methoxychlor

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 170294  
Conc: 0.18 ng/ml



#20 Methoxychlor

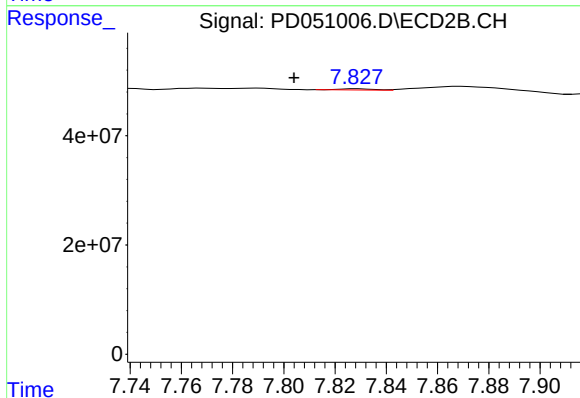
R.T.: 7.663 min  
Delta R.T.: 0.012 min  
Response: 3581936  
Conc: 0.29 ng/ml



#21 Endrin ketone

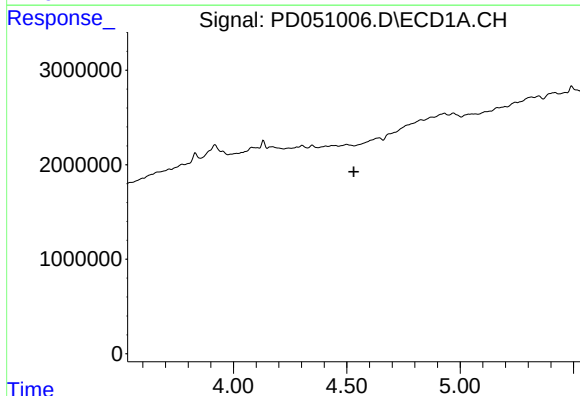
R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: -228885  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



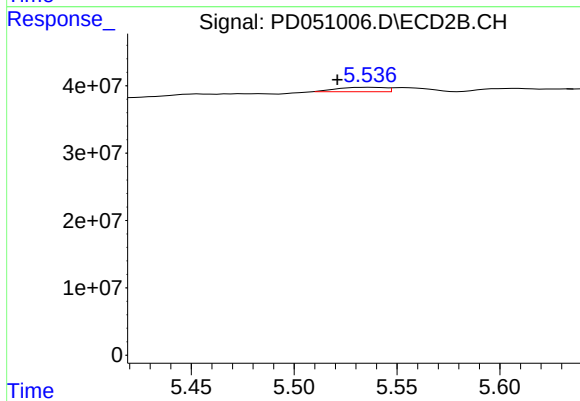
#21 Endrin ketone

R.T.: 7.829 min  
Delta R.T.: 0.025 min  
Response: 2122690  
Conc: 0.08 ng/ml



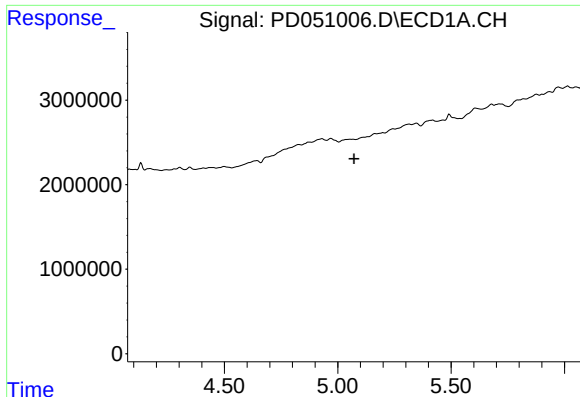
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.531 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

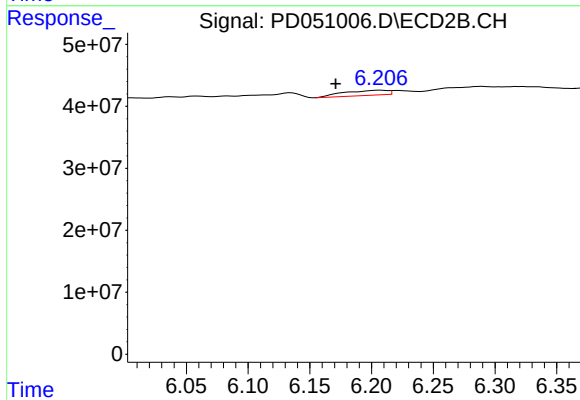
R.T.: 5.537 min  
Delta R.T.: 0.016 min  
Response: 10583336  
Conc: 7.89 ng/ml



#25 Chlordane-3

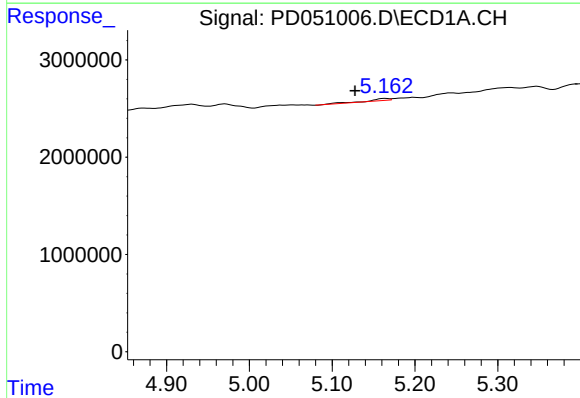
R.T.: 0.000 min  
Exp R.T.: 5.073 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



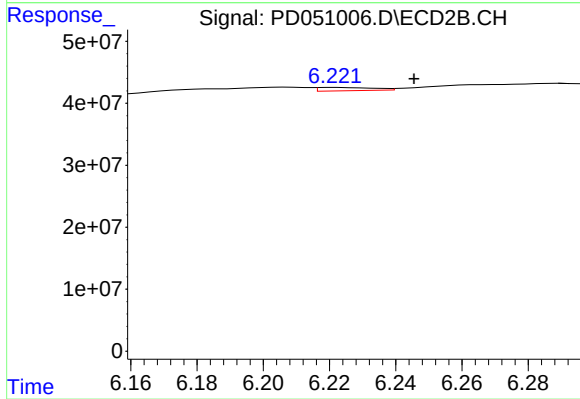
#25 Chlordane-3

R.T.: 6.207 min  
Delta R.T.: 0.036 min  
Response: 20263145  
Conc: 4.67 ng/ml



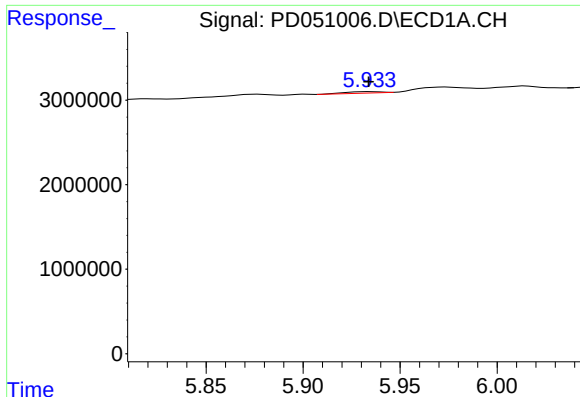
#26 Chlordane-4

R.T.: 5.164 min  
Delta R.T.: 0.036 min  
Response: 336292  
Conc: 1.40 ng/ml



#26 Chlordane-4

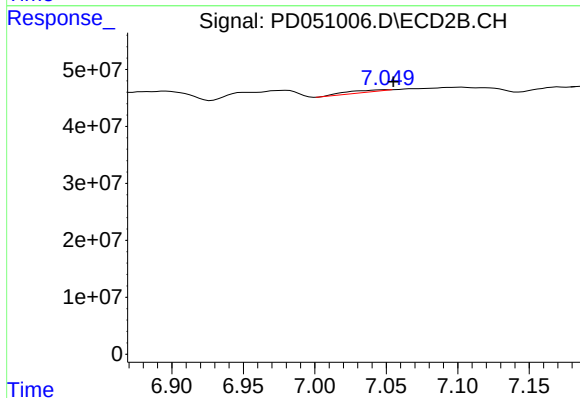
R.T.: 6.222 min  
Delta R.T.: -0.024 min  
Response: 6351102  
Conc: 1.28 ng/ml



#27 Chlordane-5

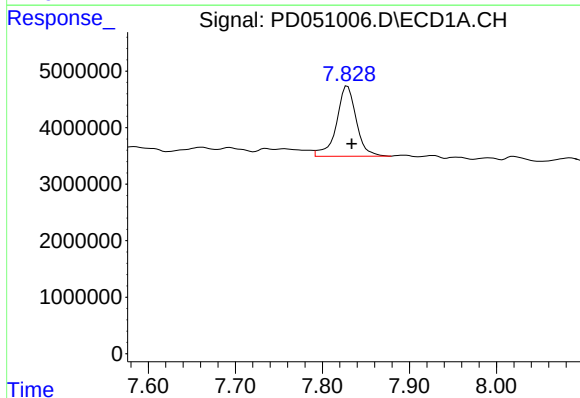
R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 223446  
Conc: 2.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



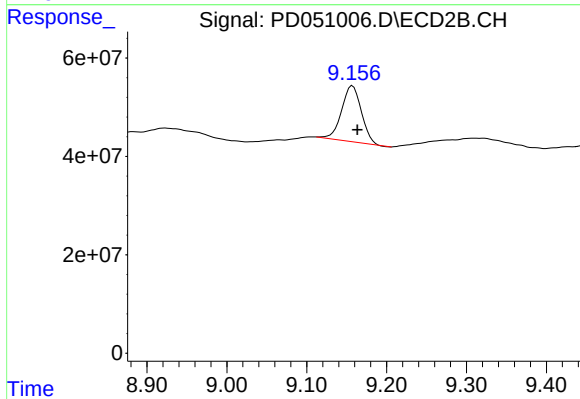
#27 Chlordane-5

R.T.: 7.050 min  
Delta R.T.: -0.005 min  
Response: 6762355  
Conc: 6.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.005 min  
Response: 19608854  
Conc: 16.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: -0.006 min  
Response: 196403166  
Conc: 9.84 ng/ml