

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051221\  
 Data File : PD062860.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2021 09:23  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 12 03:55:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.441  | 3.971  | 20121933 | 230.0E6  | 22.629  | 19.868  |
| 28)                         | SA Decachlor... | 8.200  | 9.028  | 23572276 | 265.5E6  | 22.265  | 23.007  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.877  | 4.359  | 14362650 | 197.3E6  | 10.328  | 10.250  |
| 3)                          | MA gamma-BHC... | 4.161  | 4.644  | 14018766 | 173.7E6  | 10.728  | 10.048  |
| 6)                          | B beta-BHC      | 4.412  | 4.814  | 6860843  | 76111505 | 11.452  | 9.980   |
| 7)                          | B delta-BHC     | 0.000  | 5.007f | 0        | 16677439 | N.D.    | 0.924 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.855  | 0        | 3444539  | N.D.    | 0.216 # |
| 11)                         | B alpha-Chl...  | 0.000  | 6.163  | 0        | 3671209  | N.D.    | 0.240 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.307  | 0        | 4980401  | N.D.    | 0.314 # |
| 13)                         | MA Dieldrin     | 5.756f | 6.461  | 546674   | 12831085 | 0.455   | 0.794 # |
| 14)                         | MA Endrin       | 5.993  | 6.673  | 54443252 | 626.0E6  | 48.987  | 44.523  |
| 15)                         | B Endosulfa...  | 0.000  | 6.892  | 0        | 7050063  | N.D.    | 0.528 # |
| 16)                         | A 4,4'-DDD      | 6.119  | 6.796  | 1919173  | 29504992 | 2.015   | 2.283   |
| 17)                         | MA 4,4'-DDT     | 6.361  | 7.094  | 106.7E6  | 1181.9E6 | 111.156 | 92.781  |
| 18)                         | B Endrin al...  | 6.435  | 7.006  | 1146193  | 7420186  | 1.229   | 0.636 # |
| 20)                         | A Methoxychlor  | 6.907  | 7.553  | 139.3E6  | 1420.5E6 | 236.686 | 212.806 |
| 21)                         | B Endrin ke...  | 7.140  | 7.699  | 3393393  | 28961424 | 2.722   | 2.134   |
| 22)                         | Mirex           | 0.000  | 8.182f | 0        | 72086    | N.D.    | 0.008 # |
| 26)                         | Chlordane-4     | 0.000  | 6.163  | 0        | 3671209  | N.D.    | 1.423 # |
| -----                       |                 |        |        |          |          |         |         |

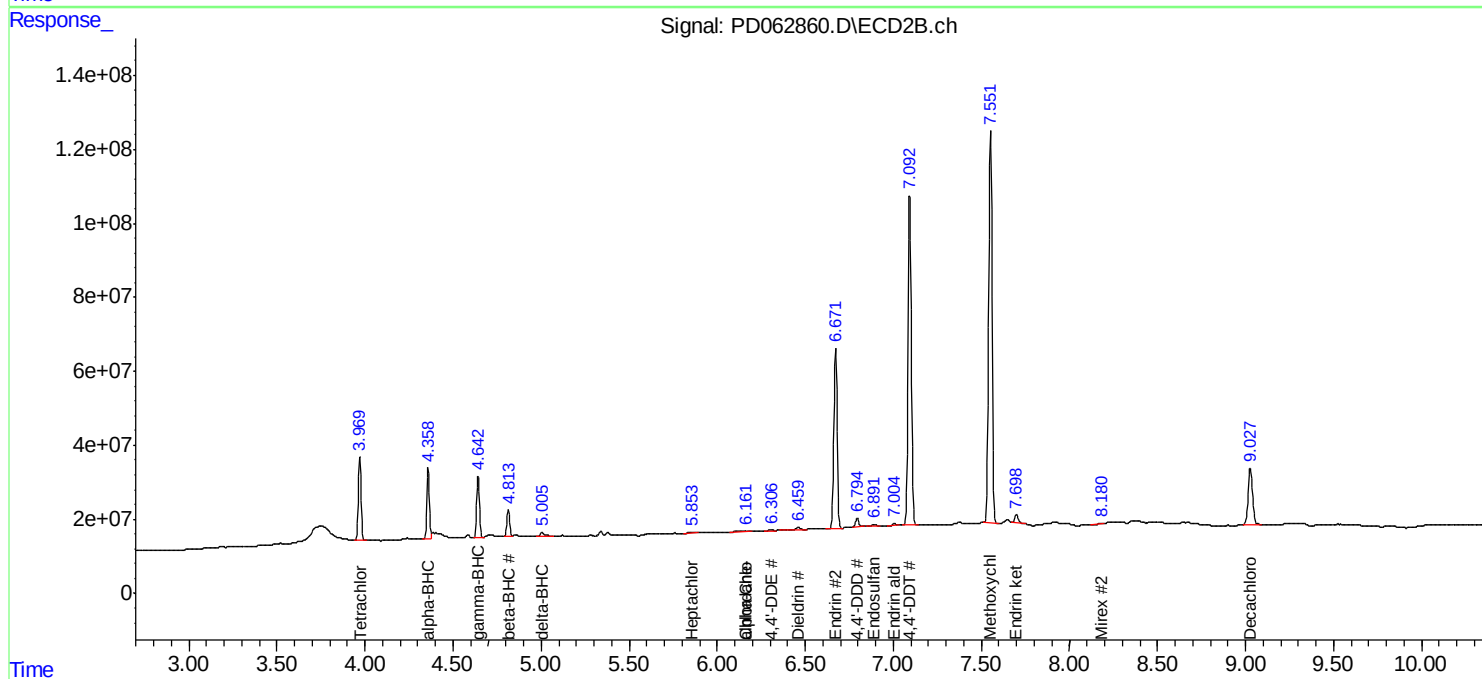
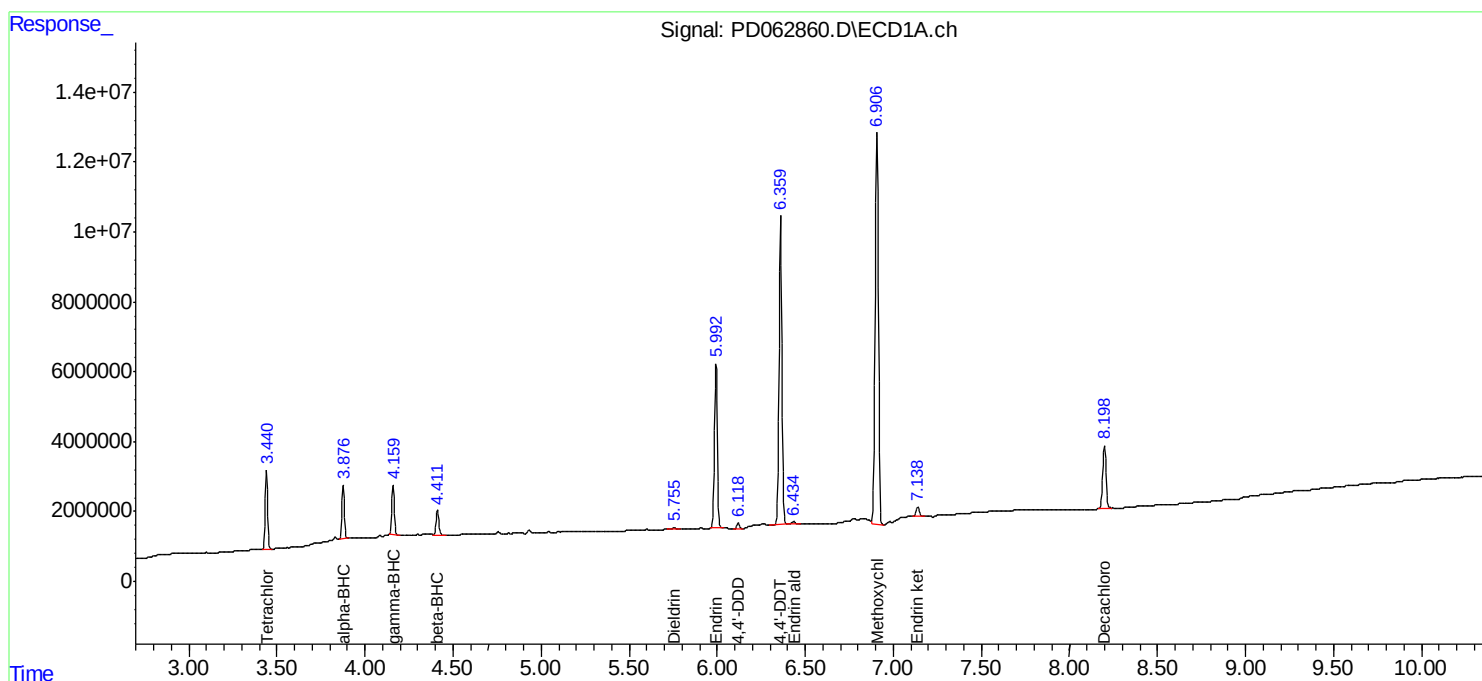
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

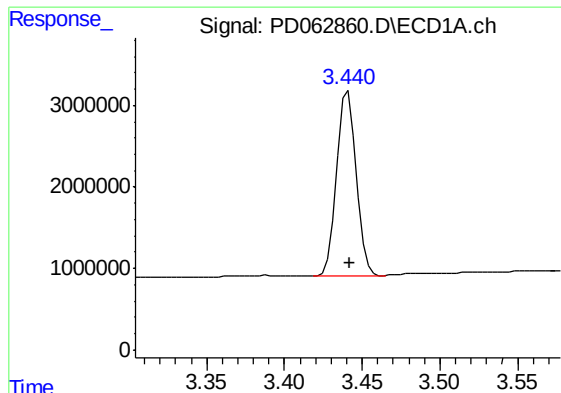
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051221\  
Data File : PD062860.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2021 09:23  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 12 03:55:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
Quant Title : GC Extractables  
QLast Update : Thu May 06 08:49:38 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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

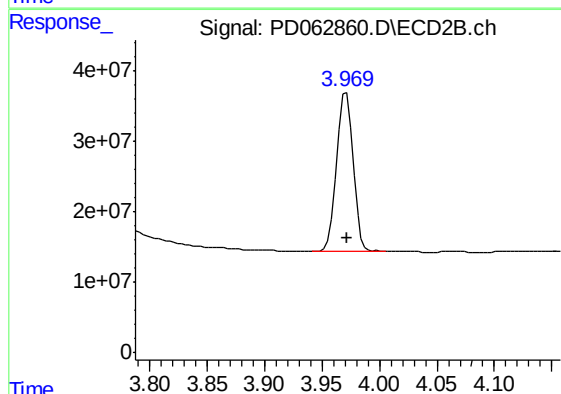




#1 Tetrachloro-m-xylene

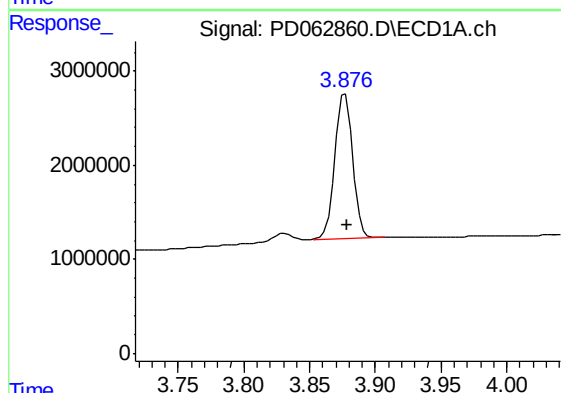
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 20121933  
Conc: 22.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



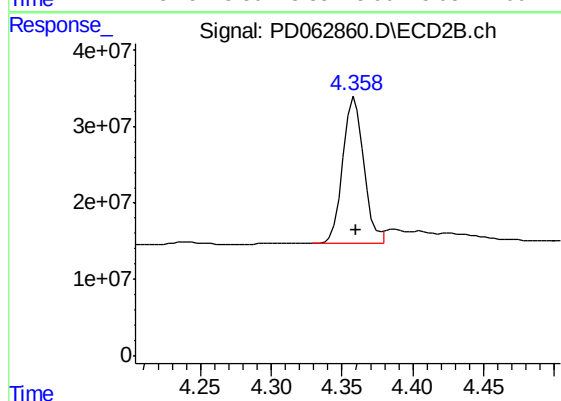
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: -0.001 min  
Response: 230012370  
Conc: 19.87 ng/ml



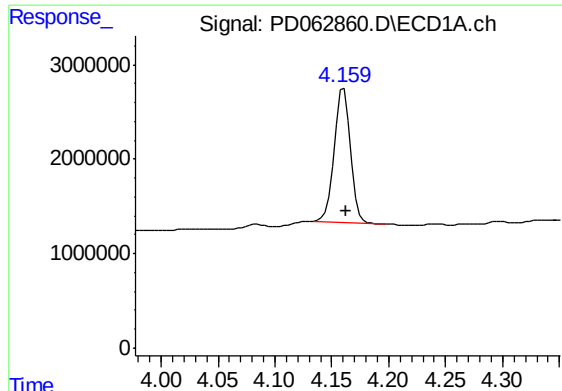
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: -0.001 min  
Response: 14362650  
Conc: 10.33 ng/ml



#2 alpha-BHC

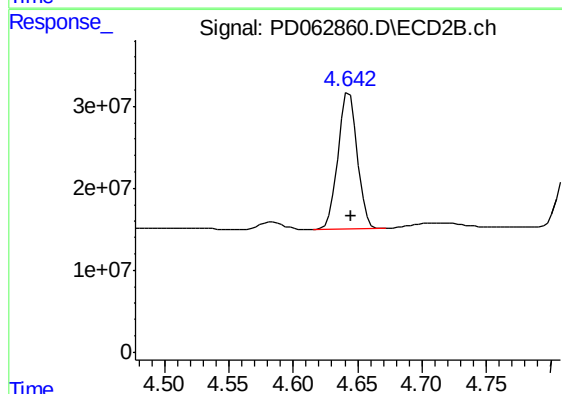
R.T.: 4.359 min  
Delta R.T.: -0.001 min  
Response: 197331095  
Conc: 10.25 ng/ml



#3 gamma-BHC (Lindane)

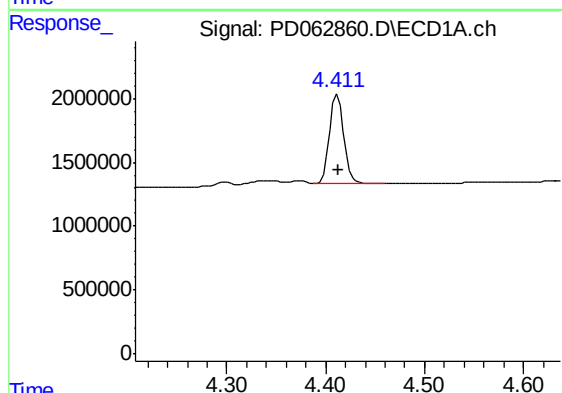
R.T.: 4.161 min  
Delta R.T.: -0.001 min  
Response: 14018766  
Conc: 10.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



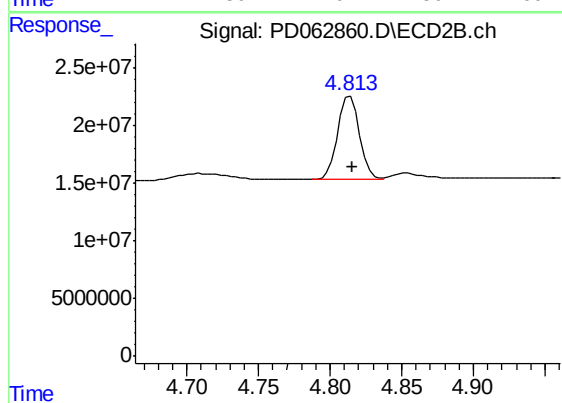
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: -0.001 min  
Response: 173676290  
Conc: 10.05 ng/ml



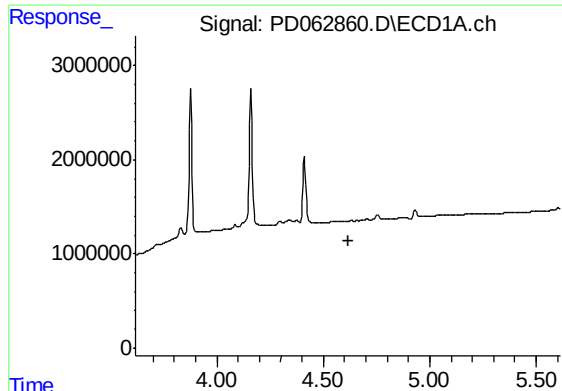
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.001 min  
Response: 6860843  
Conc: 11.45 ng/ml



#6 beta-BHC

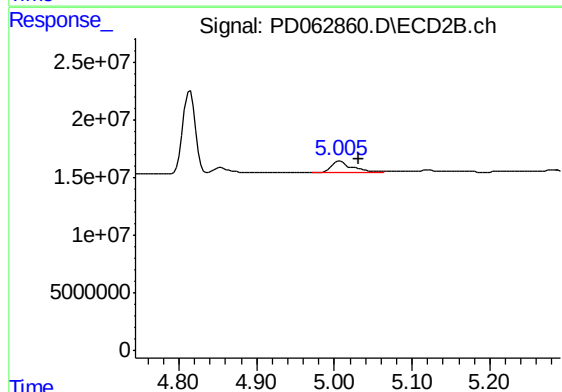
R.T.: 4.814 min  
Delta R.T.: -0.001 min  
Response: 76111505  
Conc: 9.98 ng/ml



#7 delta-BHC

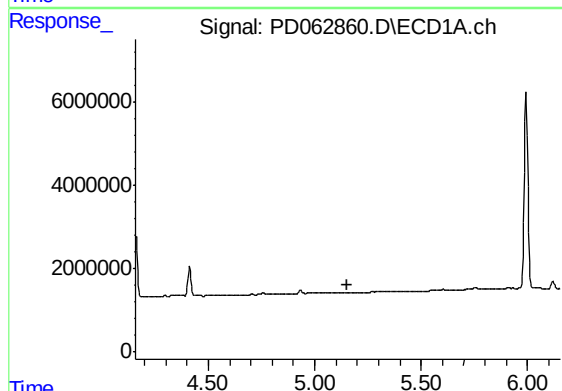
R.T.: 0.000 min  
Exp R.T. : 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



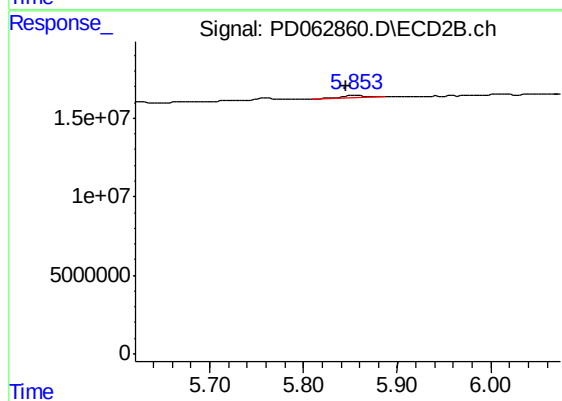
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: -0.025 min  
Response: 16677439  
Conc: 0.92 ng/ml



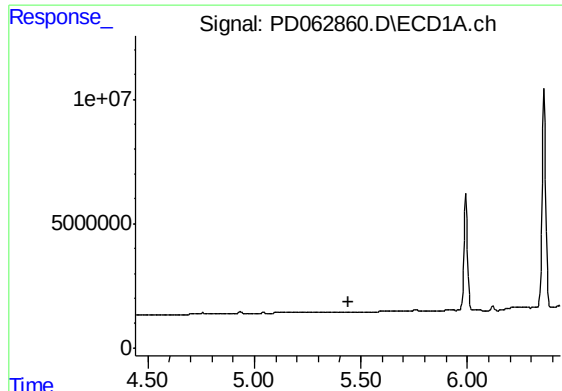
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.155 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

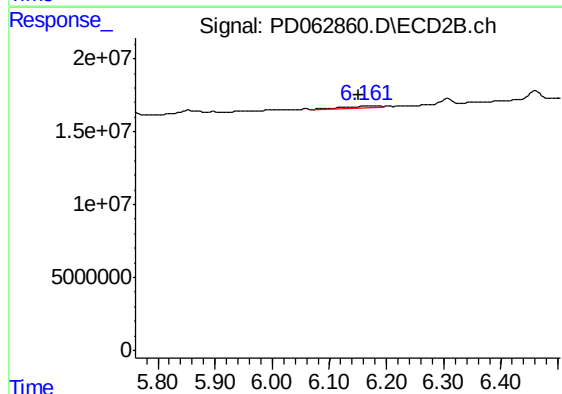
R.T.: 5.855 min  
Delta R.T.: 0.010 min  
Response: 3444539  
Conc: 0.22 ng/ml



#11 alpha-Chlordane

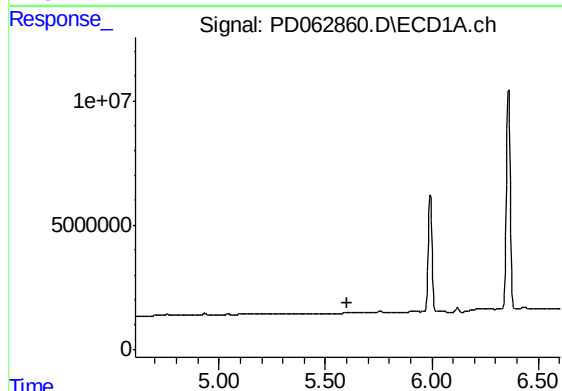
R.T.: 0.000 min  
Exp R.T. : 5.441 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



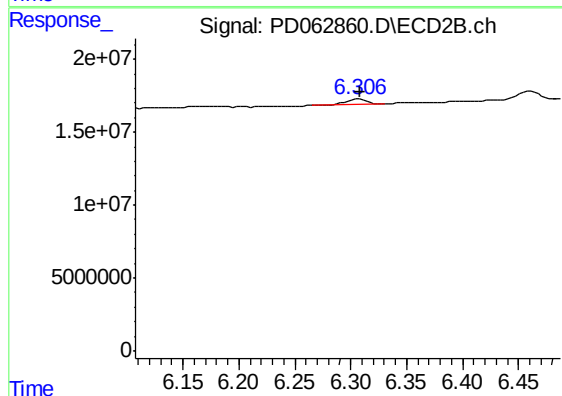
#11 alpha-Chlordane

R.T.: 6.163 min  
Delta R.T.: 0.012 min  
Response: 3671209  
Conc: 0.24 ng/ml



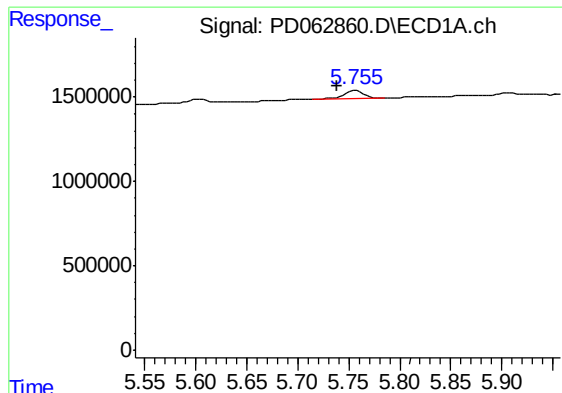
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.605 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

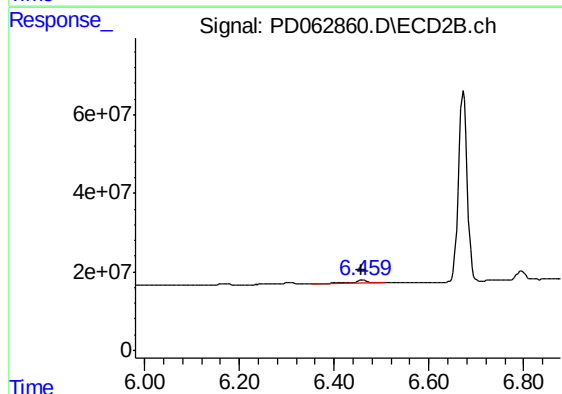
R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 4980401  
Conc: 0.31 ng/ml



#13 Dieldrin

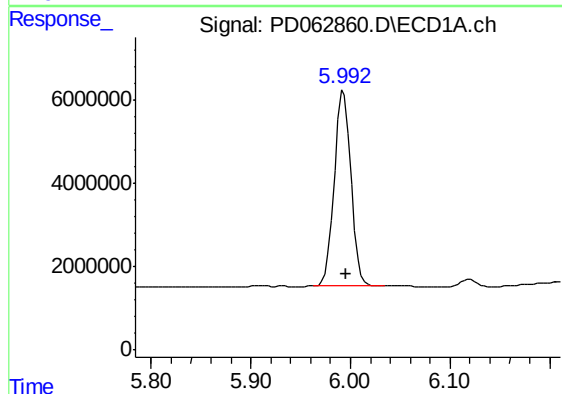
R.T.: 5.756 min  
Delta R.T.: 0.018 min  
Response: 546674  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



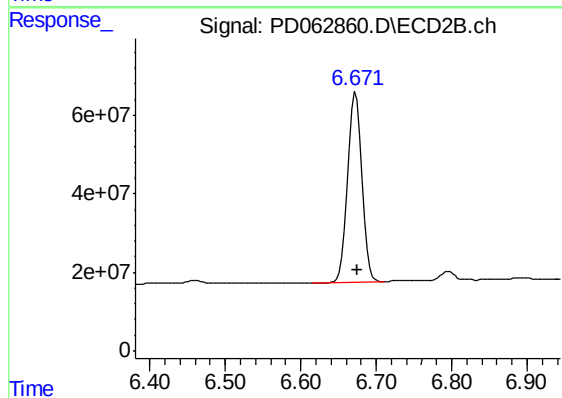
#13 Dieldrin

R.T.: 6.461 min  
Delta R.T.: 0.003 min  
Response: 12831085  
Conc: 0.79 ng/ml



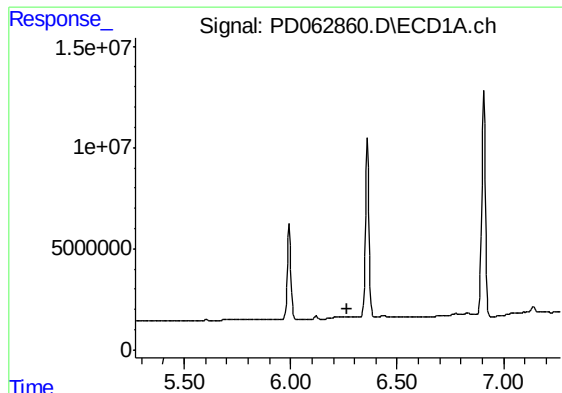
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 54443252  
Conc: 48.99 ng/ml



#14 Endrin

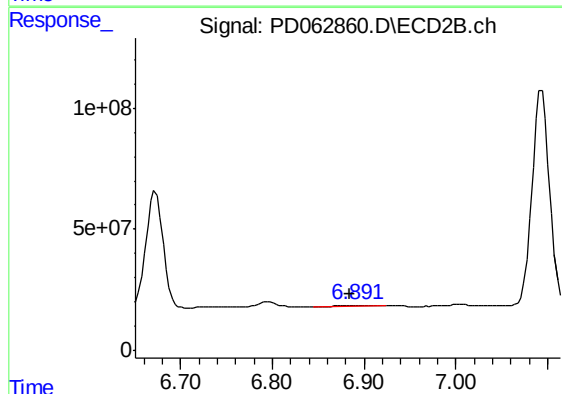
R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 625973393  
Conc: 44.52 ng/ml



#15 Endosulfan II

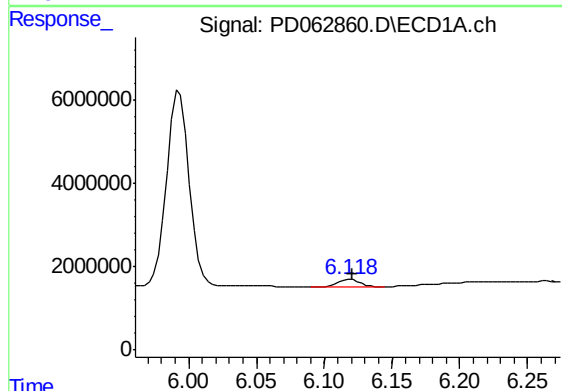
R.T.: 0.000 min  
Exp R.T.: 6.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



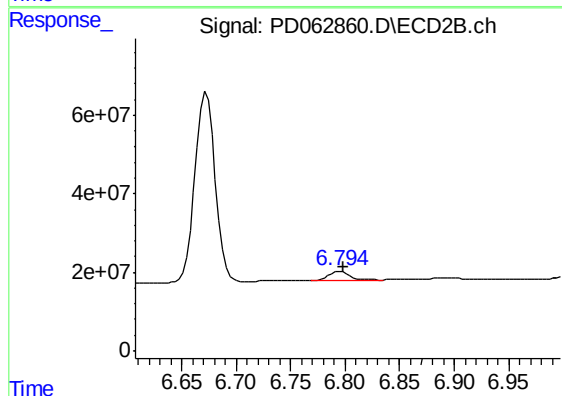
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.008 min  
Response: 7050063  
Conc: 0.53 ng/ml



#16 4,4'-DDD

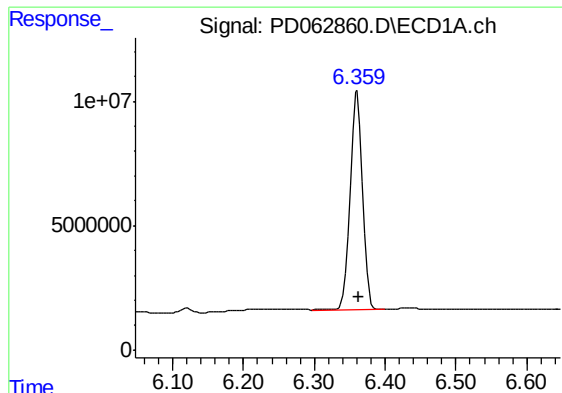
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 1919173  
Conc: 2.02 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 29504992  
Conc: 2.28 ng/ml

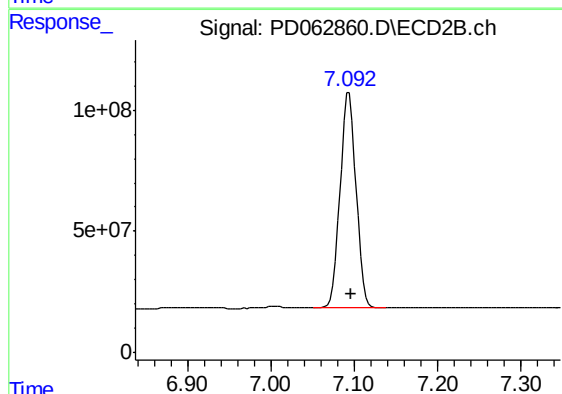




#17 4,4'-DDT

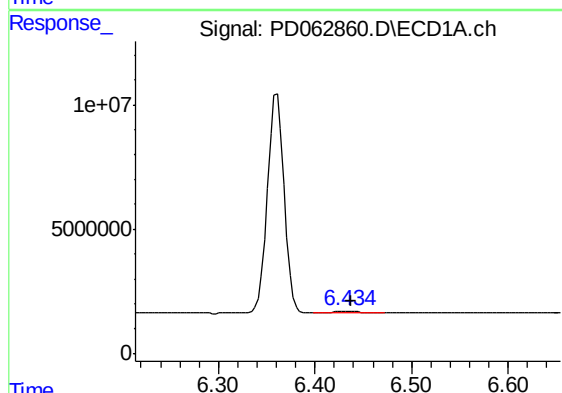
R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 106716237  
Conc: 111.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



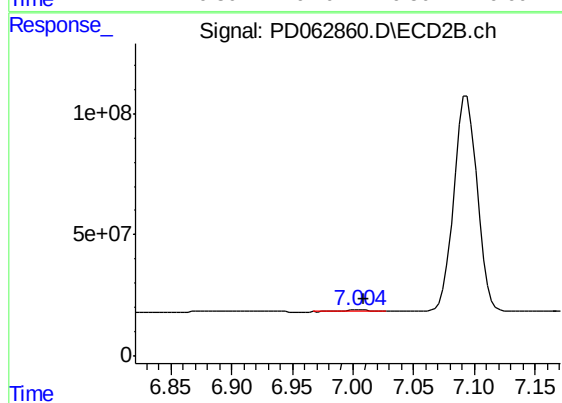
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.003 min  
Response: 1181862239  
Conc: 92.78 ng/ml



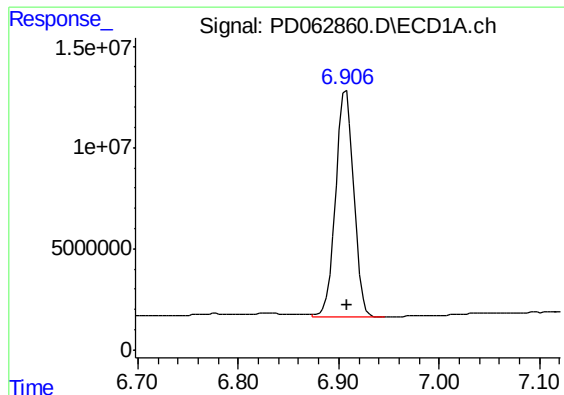
#18 Endrin aldehyde

R.T.: 6.435 min  
Delta R.T.: -0.003 min  
Response: 1146193  
Conc: 1.23 ng/ml



#18 Endrin aldehyde

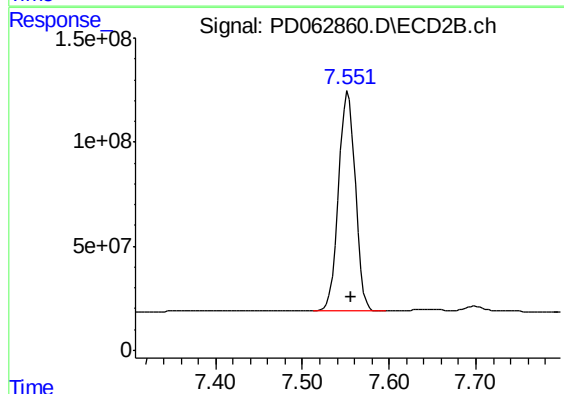
R.T.: 7.006 min  
Delta R.T.: -0.002 min  
Response: 7420186  
Conc: 0.64 ng/ml



#20 Methoxychlor

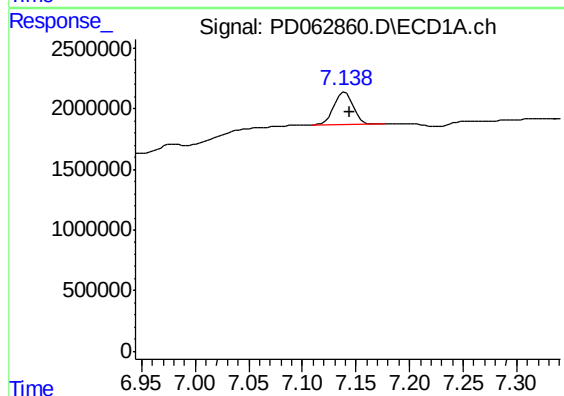
R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 139332055  
Conc: 236.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



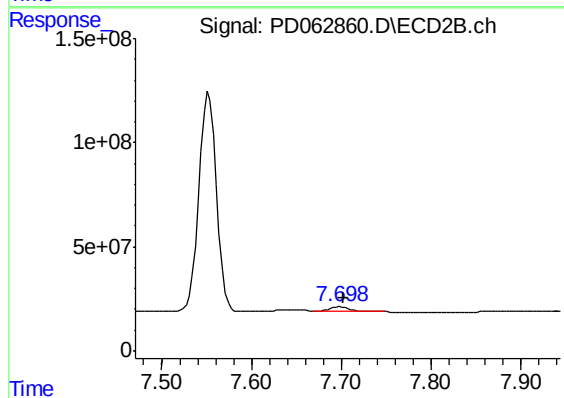
#20 Methoxychlor

R.T.: 7.553 min  
Delta R.T.: -0.003 min  
Response: 1420466530  
Conc: 212.81 ng/ml



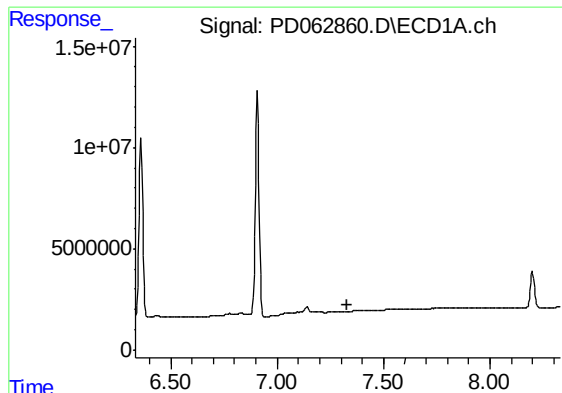
#21 Endrin ketone

R.T.: 7.140 min  
Delta R.T.: -0.004 min  
Response: 3393393  
Conc: 2.72 ng/ml



#21 Endrin ketone

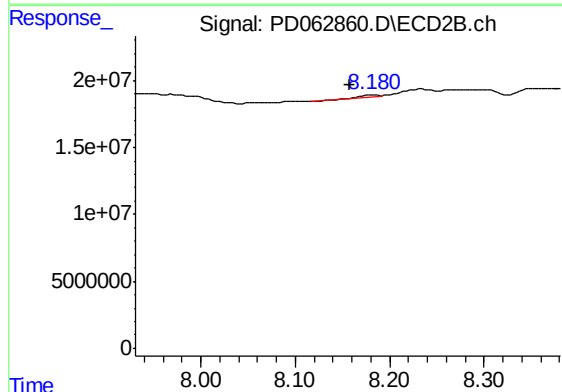
R.T.: 7.699 min  
Delta R.T.: -0.003 min  
Response: 28961424  
Conc: 2.13 ng/ml



#22 Mirex

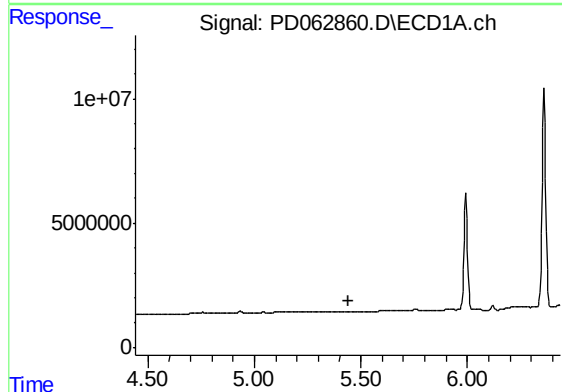
R.T.: 0.000 min  
Exp R.T. : 7.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



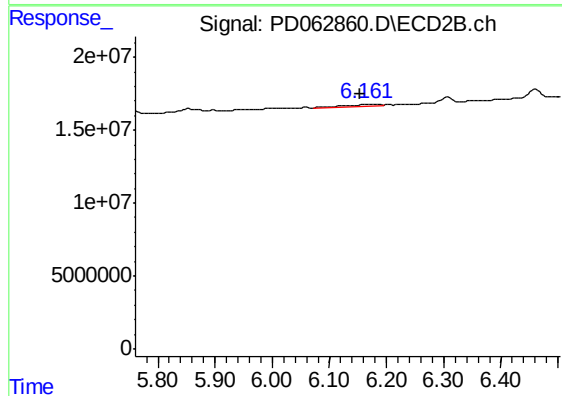
#22 Mirex

R.T.: 8.182 min  
Delta R.T.: 0.024 min  
Response: 72086  
Conc: 0.01 ng/ml



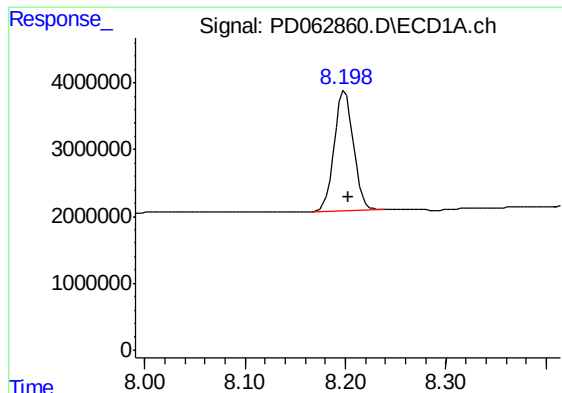
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.441 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

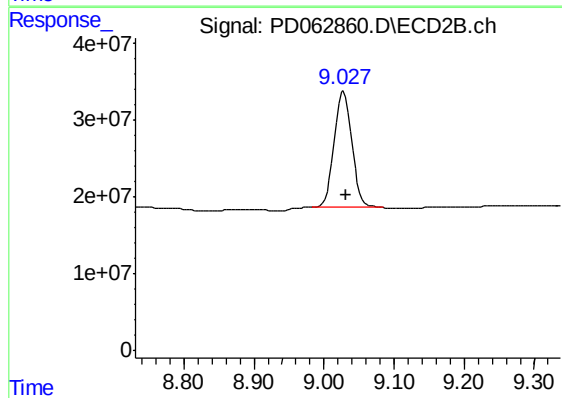
R.T.: 6.163 min  
Delta R.T.: 0.010 min  
Response: 3671209  
Conc: 1.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: -0.004 min  
Response: 23572276  
Conc: 22.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.004 min  
Response: 265479904  
Conc: 23.01 ng/ml