

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050821\  
 Data File : PD062823.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 May 2021 19:28  
 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 08 08:03:55 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 x 0.2 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... | 3.442 | 3.972  | 20343844 | 241.6E6  | 22.879  | 20.866   |
| 28)                         | SA Decachlor... | 8.202 | 9.030  | 24869420 | 271.6E6  | 23.490  | 23.535   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.878 | 4.360  | 14778984 | 206.6E6  | 10.628  | 10.731   |
| 3)                          | MA gamma-BHC... | 4.161 | 4.644  | 14268027 | 182.8E6  | 10.919  | 10.578   |
| 6)                          | B beta-BHC      | 4.412 | 4.815  | 7113307  | 84449133 | 11.873  | 11.073   |
| 7)                          | B delta-BHC     | 0.000 | 5.029  | 0        | 15550912 | N.D.    | 0.861 #  |
| 8)                          | B Heptachlo...  | 0.000 | 5.838  | 0        | 199.9E6  | N.D.    | 12.511 # |
| 9)                          | A Endosulfan I  | 0.000 | 6.185f | 0        | 4561142  | N.D.    | 0.309 #  |
| 13)                         | MA Dieldrin     | 0.000 | 6.461  | 0        | 71654578 | N.D.    | 4.435 #  |
| 14)                         | MA Endrin       | 5.995 | 6.674  | 60400384 | 853.8E6  | 54.347  | 60.727   |
| 15)                         | B Endosulfa...  | 0.000 | 6.890  | 0        | 3143223  | N.D.    | 0.235 #  |
| 16)                         | A 4,4'-DDD      | 6.121 | 6.797  | 1365769  | 21019113 | 1.434   | 1.627    |
| 17)                         | MA 4,4'-DDT     | 6.362 | 7.095  | 111.8E6  | 1281.1E6 | 116.503 | 100.569  |
| 18)                         | B Endrin al...  | 6.435 | 7.007  | 544625   | 12712413 | 0.584   | 1.090 #  |
| 20)                         | A Methoxychlor  | 6.909 | 7.554  | 151.1E6  | 1494.9E6 | 256.727 | 223.954  |
| 21)                         | B Endrin ke...  | 7.141 | 7.701  | -561808  | 19725849 | N.D.    | 1.454    |
| 23)                         | Chlordane-1     | 0.000 | 4.941f | 0        | 2204240  | N.D.    | 3.844 #  |
| -----                       |                 |       |        |          |          |         |          |

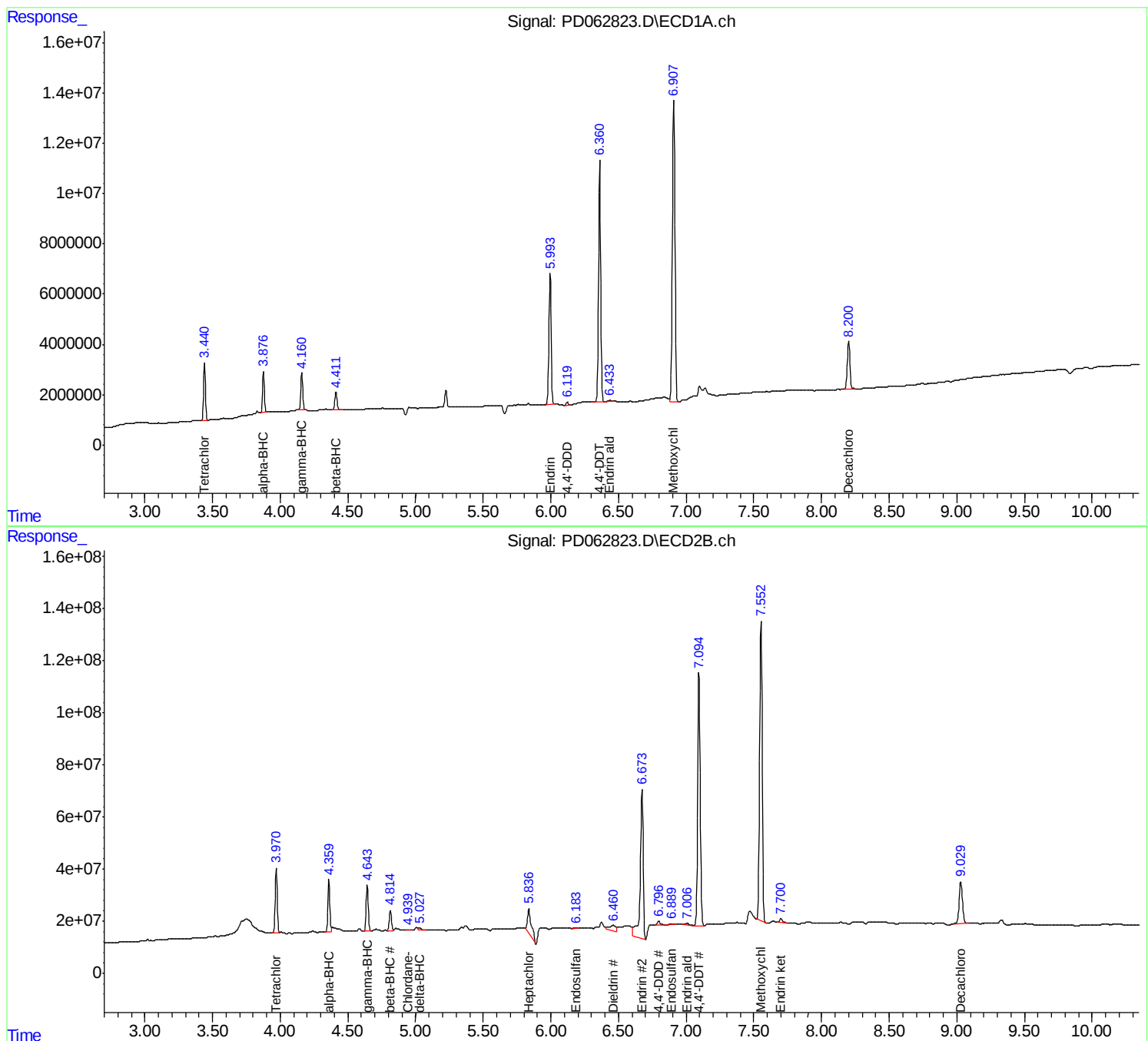
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

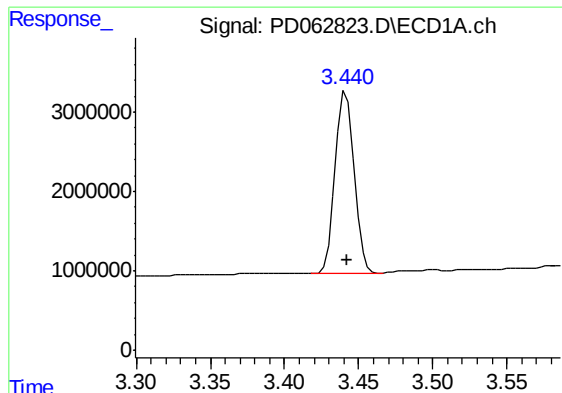
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050821\  
Data File : PD062823.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 May 2021 19:28  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 08 08:03:55 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

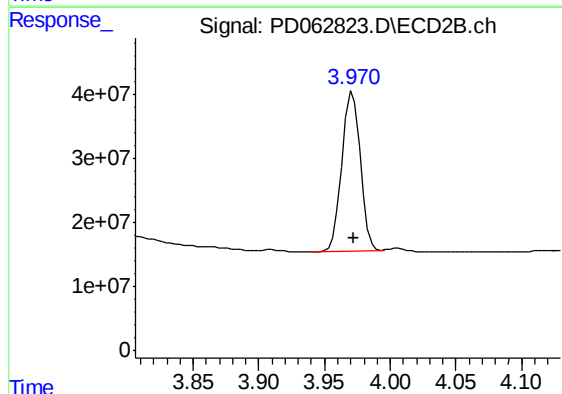




#1 Tetrachloro-m-xylene

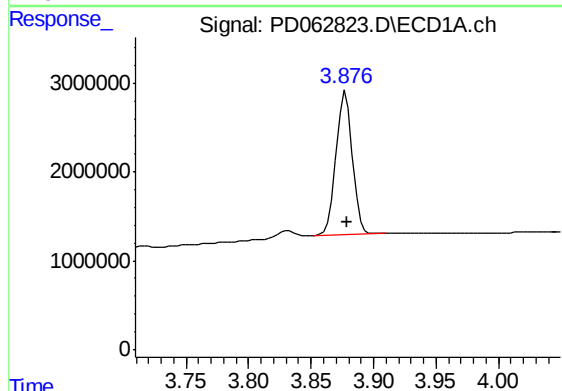
R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 20343844  
Conc: 22.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



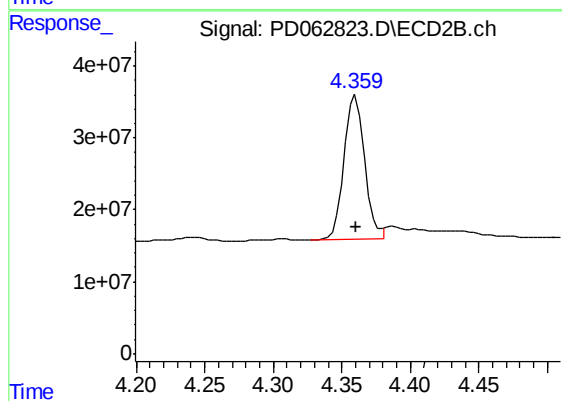
#1 Tetrachloro-m-xylene

R.T.: 3.972 min  
Delta R.T.: 0.000 min  
Response: 241568299  
Conc: 20.87 ng/ml



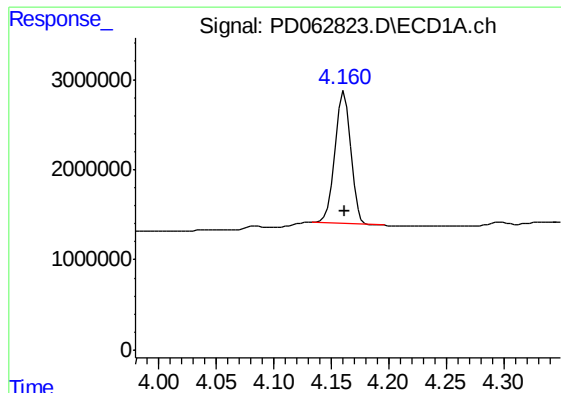
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: -0.001 min  
Response: 14778984  
Conc: 10.63 ng/ml



#2 alpha-BHC

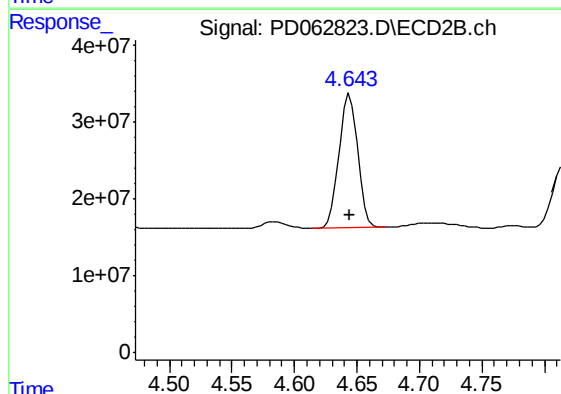
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 206592406  
Conc: 10.73 ng/ml



#3 gamma-BHC (Lindane)

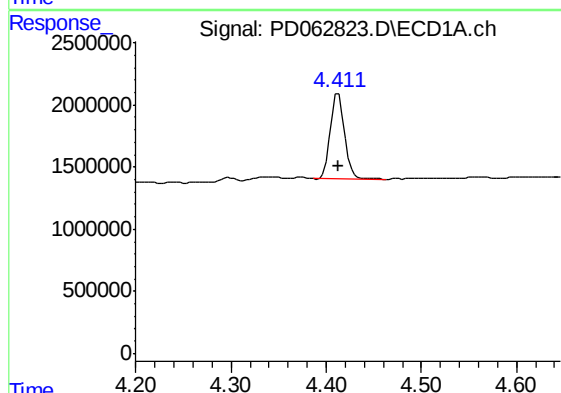
R.T.: 4.161 min  
Delta R.T.: -0.001 min  
Response: 14268027  
Conc: 10.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



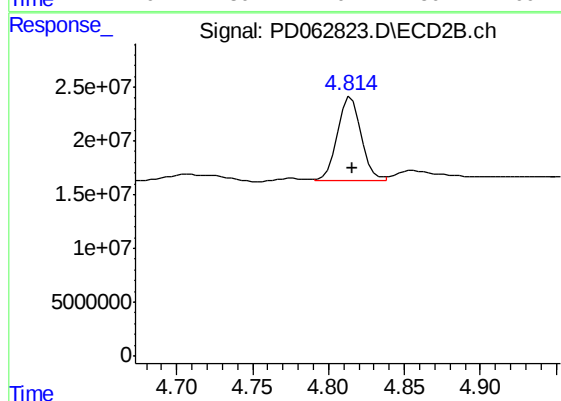
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 182840158  
Conc: 10.58 ng/ml



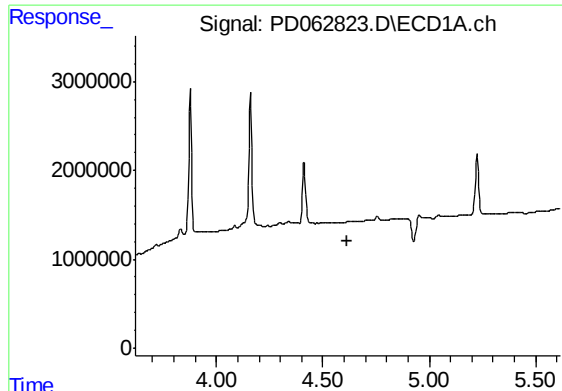
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 7113307  
Conc: 11.87 ng/ml



#6 beta-BHC

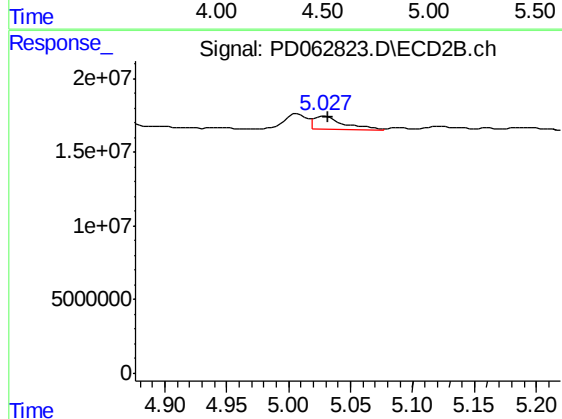
R.T.: 4.815 min  
Delta R.T.: 0.000 min  
Response: 84449133  
Conc: 11.07 ng/ml



#7 delta-BHC

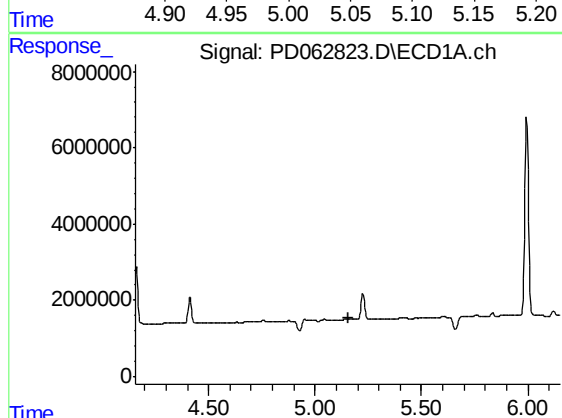
R.T.: 0.000 min  
Exp R.T. : 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



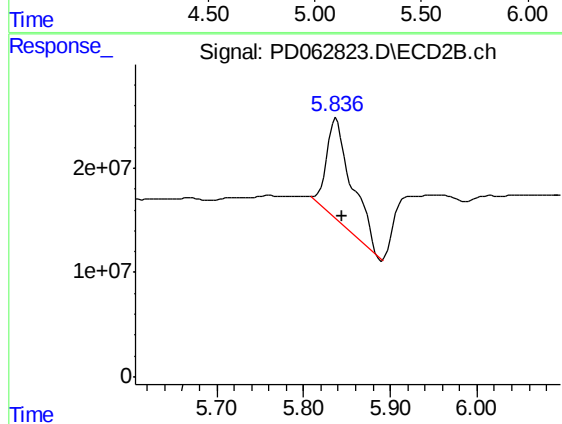
#7 delta-BHC

R.T.: 5.029 min  
Delta R.T.: -0.003 min  
Response: 15550912  
Conc: 0.86 ng/ml



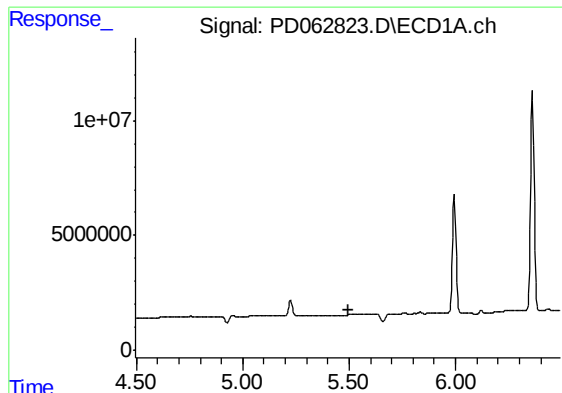
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

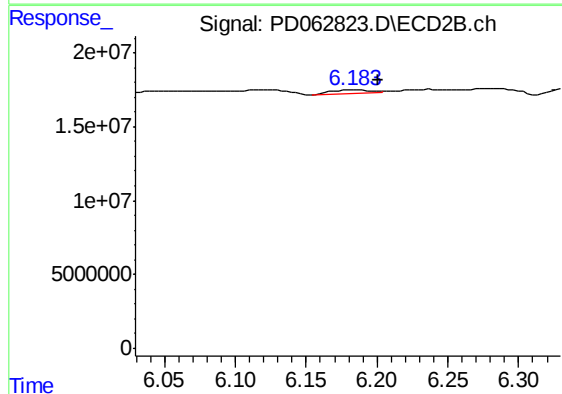
R.T.: 5.838 min  
Delta R.T.: -0.007 min  
Response: 199853939  
Conc: 12.51 ng/ml



#9 Endosulfan I

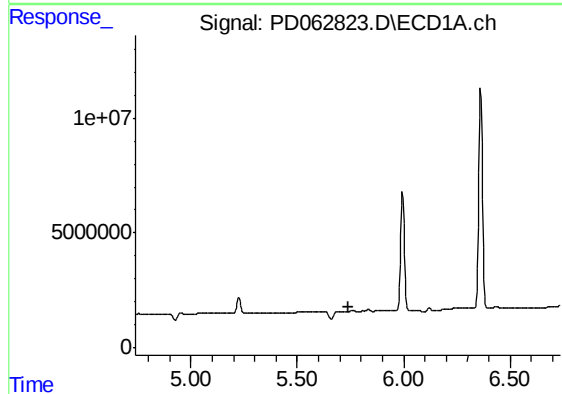
R.T.: 0.000 min  
Exp R.T.: 5.495 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



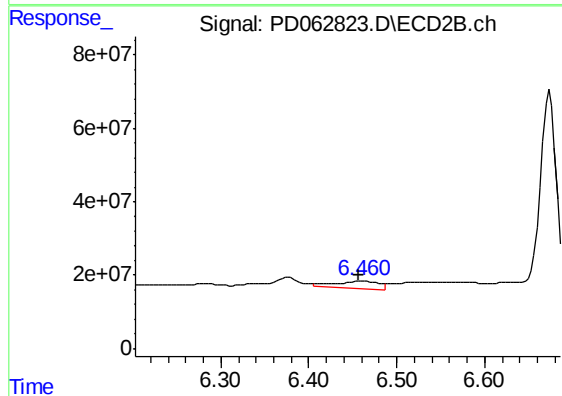
#9 Endosulfan I

R.T.: 6.185 min  
Delta R.T.: -0.016 min  
Response: 4561142  
Conc: 0.31 ng/ml



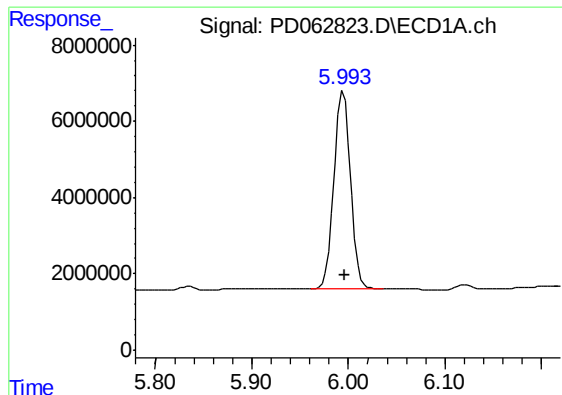
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.738 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

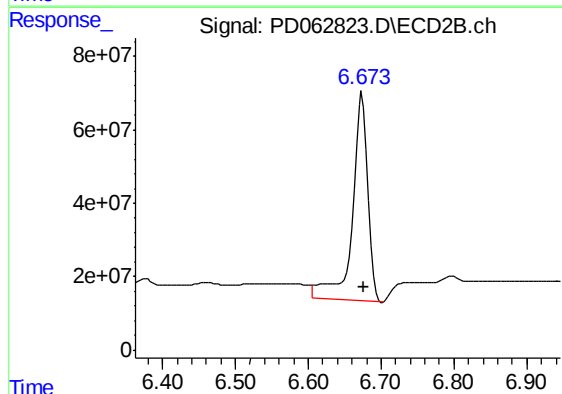
R.T.: 6.461 min  
Delta R.T.: 0.003 min  
Response: 71654578  
Conc: 4.43 ng/ml



#14 Endrin

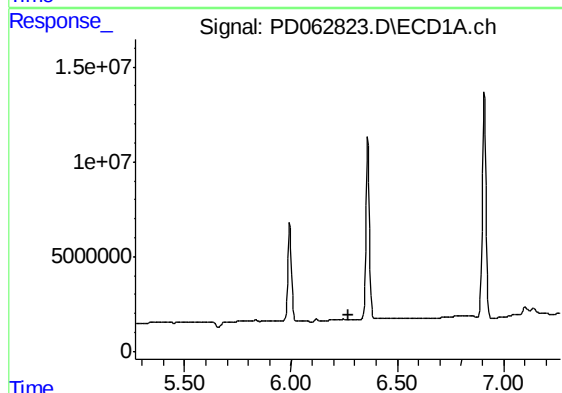
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 60400384  
Conc: 54.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



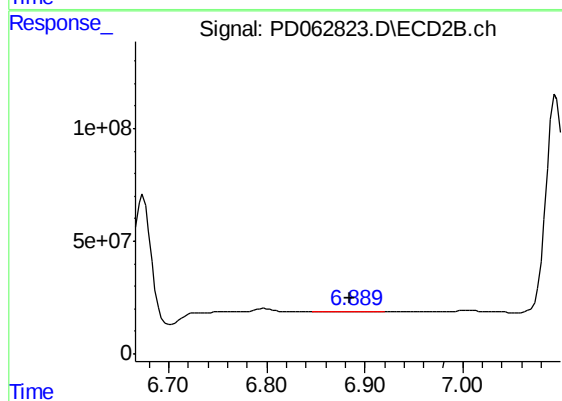
#14 Endrin

R.T.: 6.674 min  
Delta R.T.: -0.002 min  
Response: 853789880  
Conc: 60.73 ng/ml



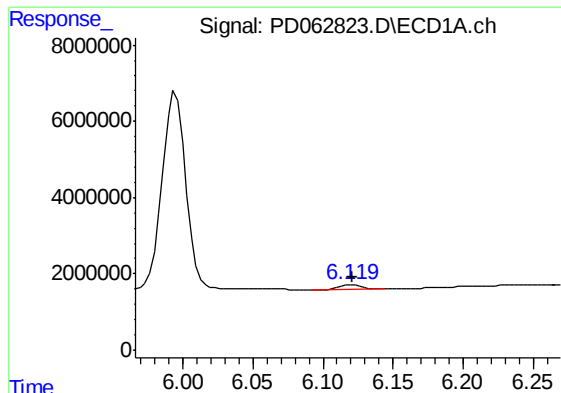
#15 Endosulfan II

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



#15 Endosulfan II

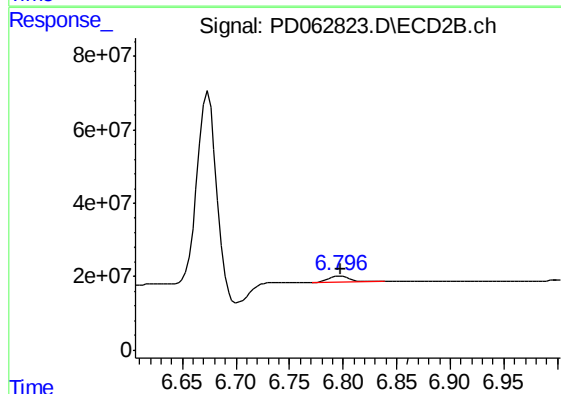
R.T.: 6.890 min  
Delta R.T.: 0.006 min  
Response: 3143223  
Conc: 0.24 ng/ml



#16 4,4'-DDD

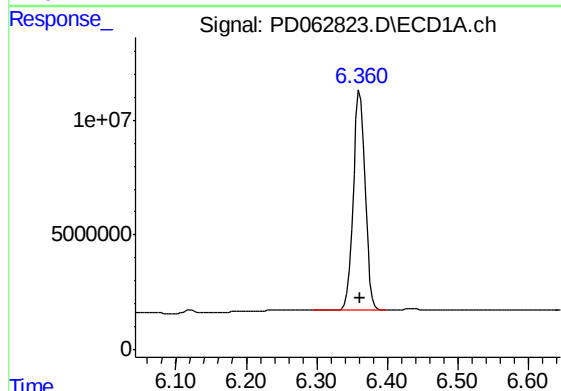
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 1365769  
Conc: 1.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



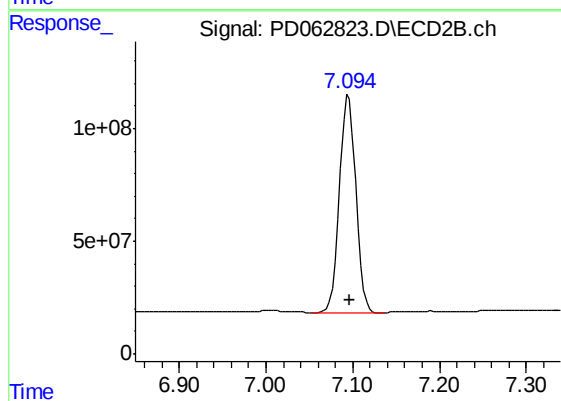
#16 4,4'-DDD

R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 21019113  
Conc: 1.63 ng/ml



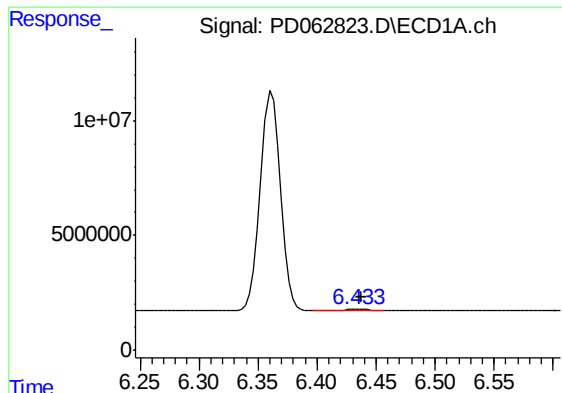
#17 4,4'-DDT

R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 111849701  
Conc: 116.50 ng/ml



#17 4,4'-DDT

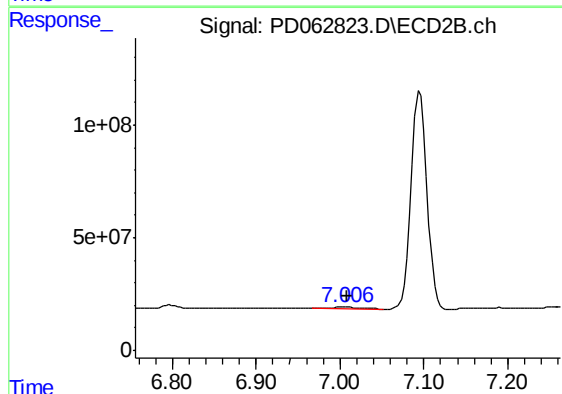
R.T.: 7.095 min  
Delta R.T.: -0.001 min  
Response: 1281065214  
Conc: 100.57 ng/ml



#18 Endrin aldehyde

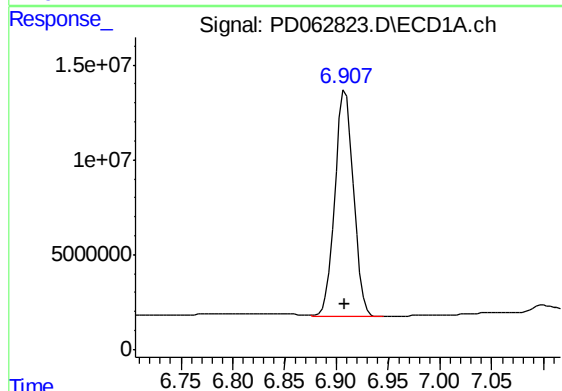
R.T.: 6.435 min  
Delta R.T.: -0.003 min  
Response: 544625  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



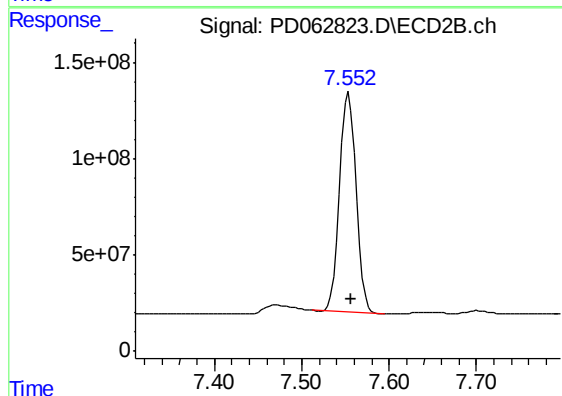
#18 Endrin aldehyde

R.T.: 7.007 min  
Delta R.T.: -0.002 min  
Response: 12712413  
Conc: 1.09 ng/ml



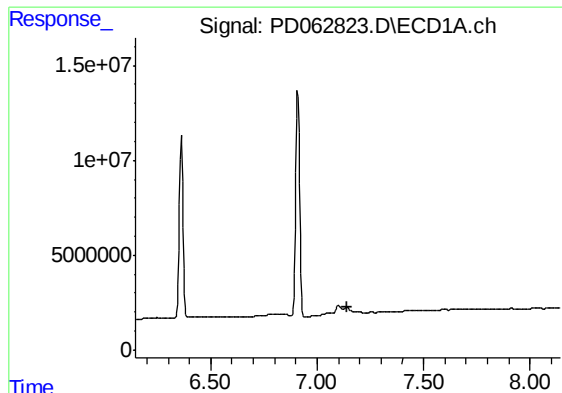
#20 Methoxychlor

R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 151129754  
Conc: 256.73 ng/ml



#20 Methoxychlor

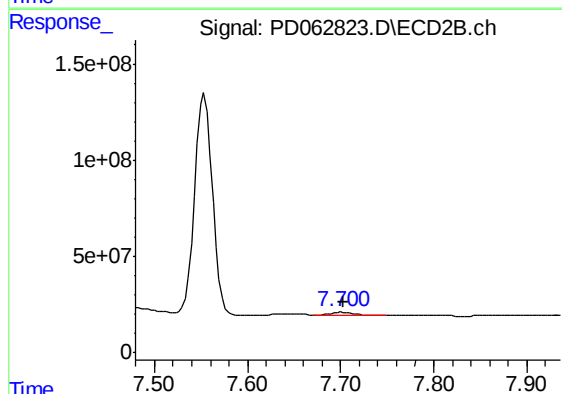
R.T.: 7.554 min  
Delta R.T.: -0.002 min  
Response: 1494878356  
Conc: 223.95 ng/ml



#21 Endrin ketone

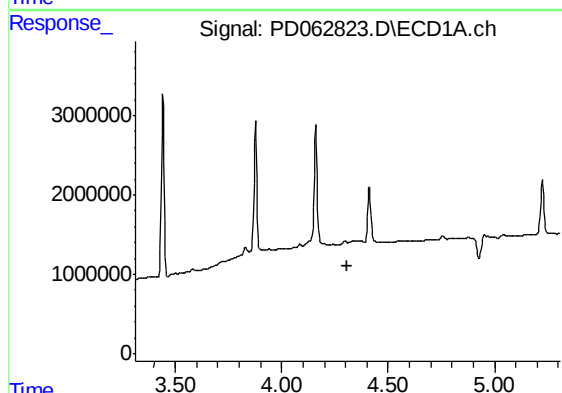
R.T.: 7.141 min  
Delta R.T.: -0.003 min  
Response: -561808  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



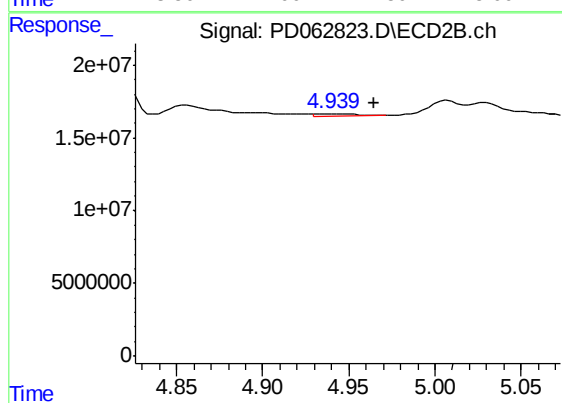
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.002 min  
Response: 19725849  
Conc: 1.45 ng/ml



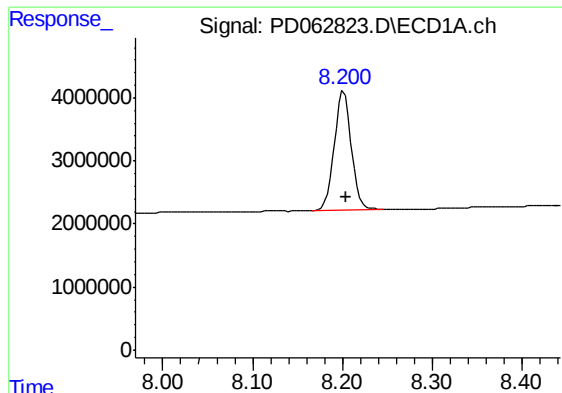
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.311 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

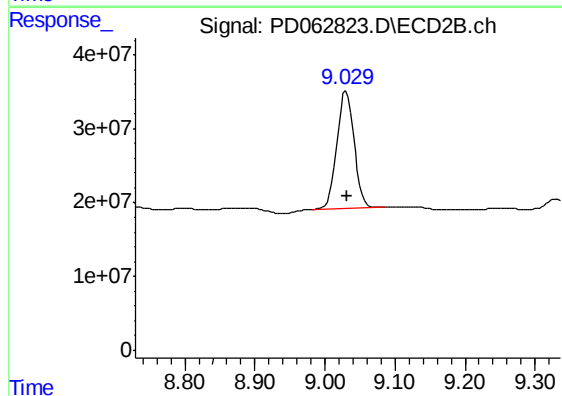
R.T.: 4.941 min  
Delta R.T.: -0.024 min  
Response: 2204240  
Conc: 3.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: -0.002 min  
Response: 24869420  
Conc: 23.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: -0.002 min  
Response: 271572437  
Conc: 23.54 ng/ml