

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
 Data File : PD063858.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jun 2021 14:16  
 Operator : AR\AJ  
 Sample : PEM12  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM017

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 02:19:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 15 03:10:50 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.438  | 3.971 | 27605081 | 282.7E6  | 17.758   | 17.851     |
| 27)                         | SA Decachlor... | 8.195  | 9.027 | 27495678 | 239.4E6  | 15.885   | 17.263     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.874  | 4.358 | 20446484 | 232.4E6  | 8.741    | 9.352      |
| 3)                          | MA gamma-BHC... | 4.158  | 4.643 | 21034071 | 207.7E6  | 9.242    | 9.101      |
| 4)                          | MA Heptachlor   | 4.410f | 0.000 | 9894666  | 0        | 4.532    | N.D. #     |
| 6)                          | B beta-BHC      | 4.410  | 4.814 | 9894666  | 92126930 | 10.190   | 9.446      |
| 7)                          | B delta-BHC     | 0.000  | 5.010 | 0        | 39408615 | N.D.     | 1.682      |
| 8)                          | B Heptachlo...  | 5.098f | 5.843 | 457073   | 69140195 | 0.241    | 3.361 #    |
| 14)                         | MA Endrin       | 5.989  | 6.672 | 83019305 | 748.0E6  | 45.905   | 42.752     |
| 16)                         | A 4,4'-DDD      | 6.117  | 6.797 | 745787   | 20237112 | 0.452    | 1.202 #    |
| 17)                         | MA 4,4'-DDT     | 6.357  | 7.093 | 155.9E6  | 1311.5E6 | 92.628   | 79.666     |
| 18)                         | B Endrin al...  | 6.431  | 0.000 | 572222   | 0        | 0.401    | N.D. #     |
| 19)                         | B Endosulfa...  | 0.000  | 7.256 | 0        | 13959456 | N.D.     | 0.848      |
| 20)                         | A Methoxychlor  | 6.903  | 7.551 | 200.4E6  | 1546.4E6 | 217.415  | 199.878    |
| 21)                         | B Endrin ke...  | 7.137  | 7.701 | 1899274  | 13740055 | 1.001    | 0.866      |
| 22)                         | Toxaphene-1     | 0.000  | 6.375 | 0        | 18255239 | N.D.     | 209.417    |
| 23)                         | Toxaphene-2     | 5.831  | 6.672 | 748181   | 748.0E6  | 62.186   | 6968.904 # |
| 24)                         | Toxaphene-3     | 6.213  | 7.093 | -90321   | 1311.5E6 | N.D.     | 9519.291   |
| 25)                         | Toxaphene-4     | 6.357  | 7.093 | 155.9E6  | 1311.5E6 | 4923.423 | 3179.165 # |
| 26)                         | Toxaphene-5     | 6.976  | 0.000 | 367880   | 0        | 10.324   | N.D. #     |
| -----                       |                 |        |       |          |          |          |            |

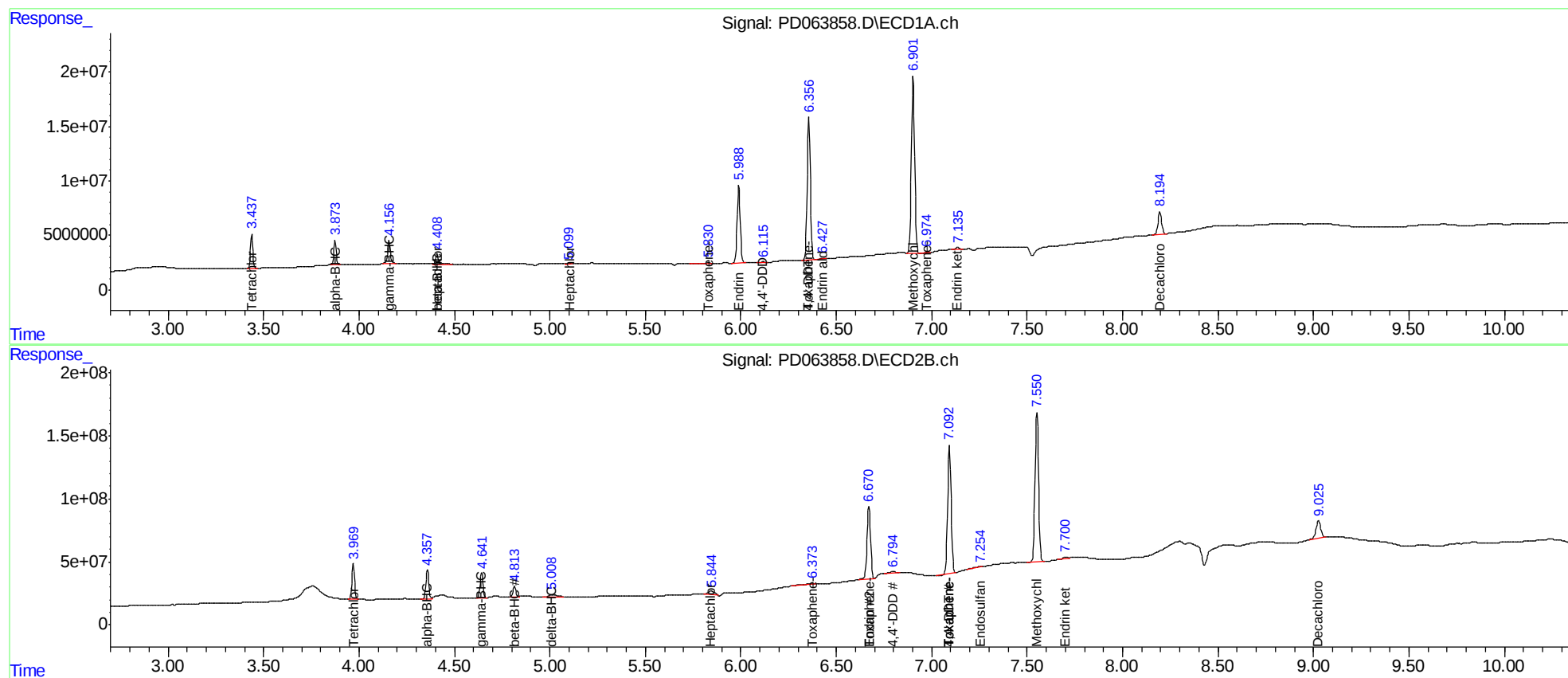
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

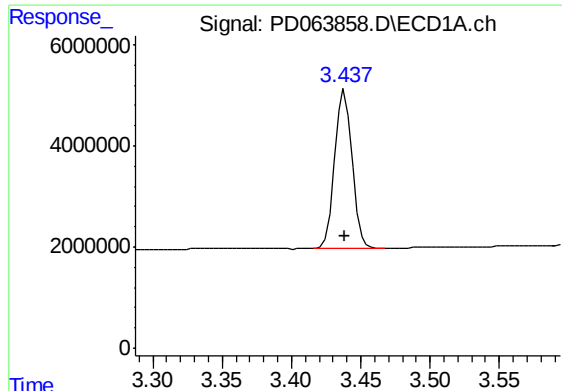
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jun 2021 14:16  
Operator : AR\AJ  
Sample : PEM12  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
PEM017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 02:19:07 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 15 03:10:50 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

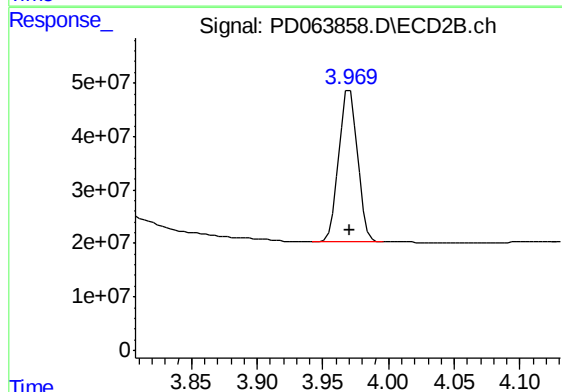




#1 Tetrachloro-m-xylene

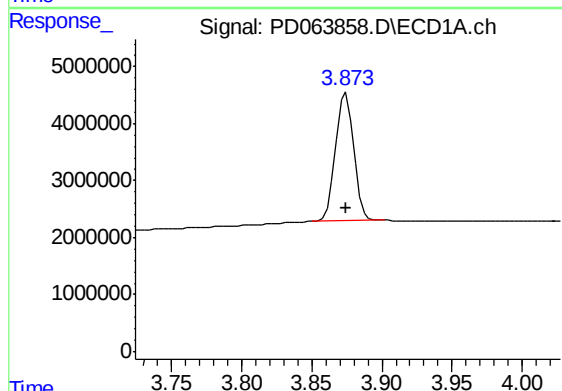
R.T.: 3.438 min  
Delta R.T.: 0.000 min  
Response: 27605081  
Conc: 17.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



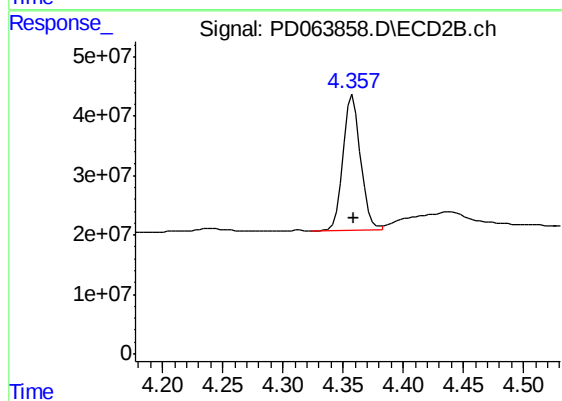
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 282725679  
Conc: 17.85 ng/ml



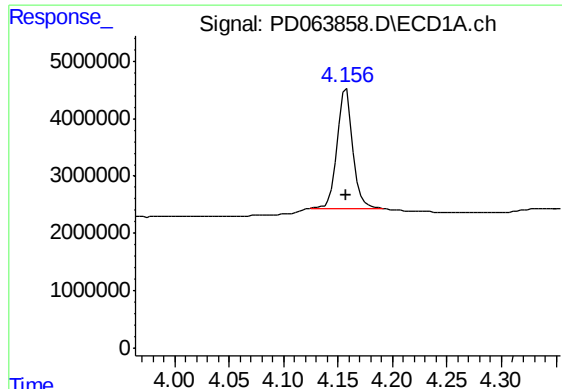
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 20446484  
Conc: 8.74 ng/ml



#2 alpha-BHC

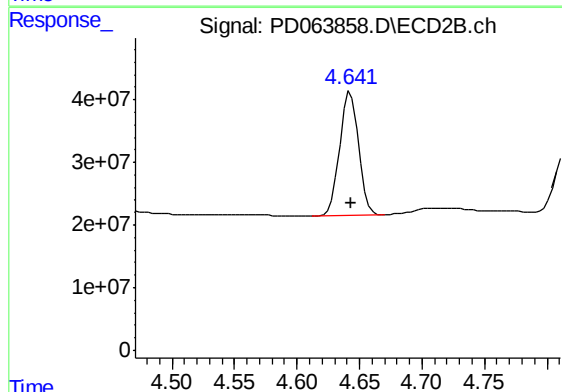
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 232360404  
Conc: 9.35 ng/ml



#3 gamma-BHC (Lindane)

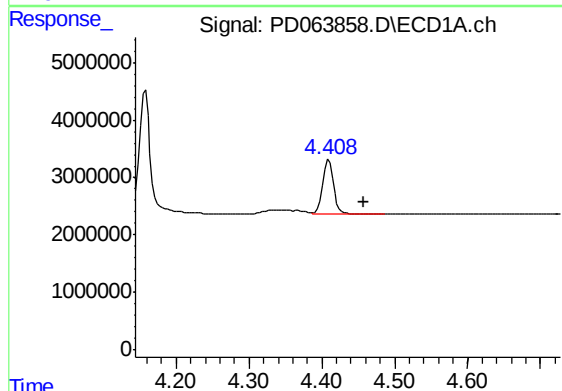
R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 21034071  
Conc: 9.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



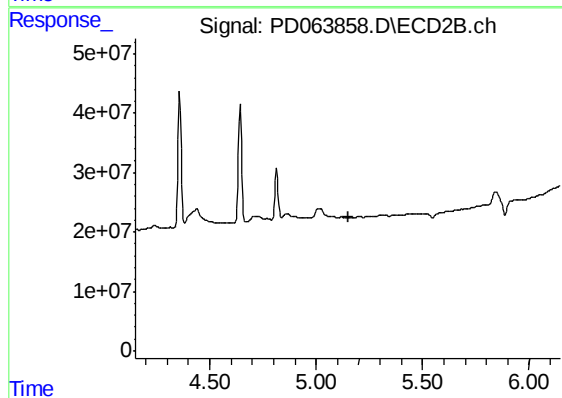
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 207672118  
Conc: 9.10 ng/ml



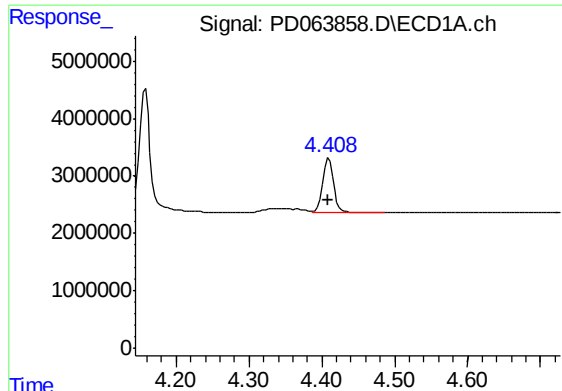
#4 Heptachlor

R.T.: 4.410 min  
Delta R.T.: -0.049 min  
Response: 9894666  
Conc: 4.53 ng/ml



#4 Heptachlor

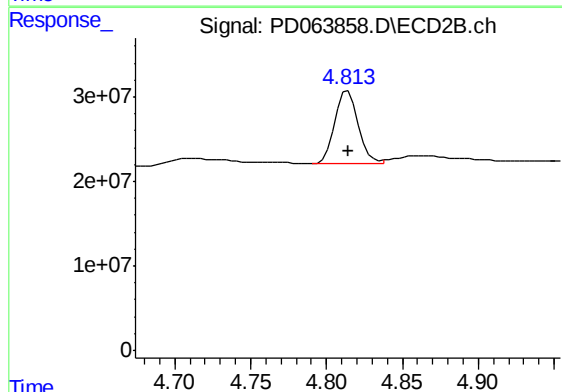
R.T.: 0.000 min  
Exp R.T. : 5.150 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

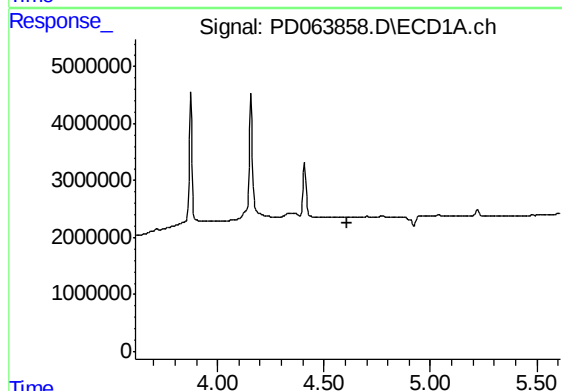
R.T.: 4.410 min  
Delta R.T.: 0.001 min  
Response: 9894666  
Conc: 10.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



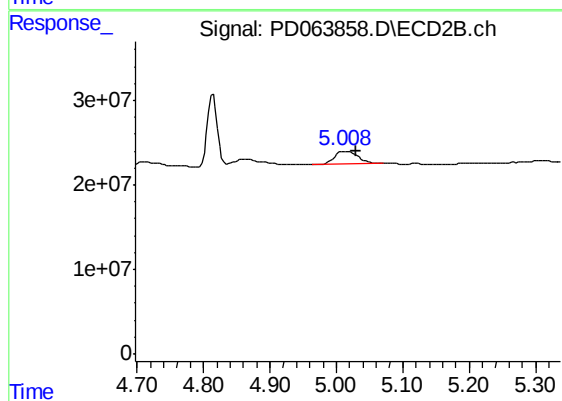
#6 beta-BHC

R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 92126930  
Conc: 9.45 ng/ml



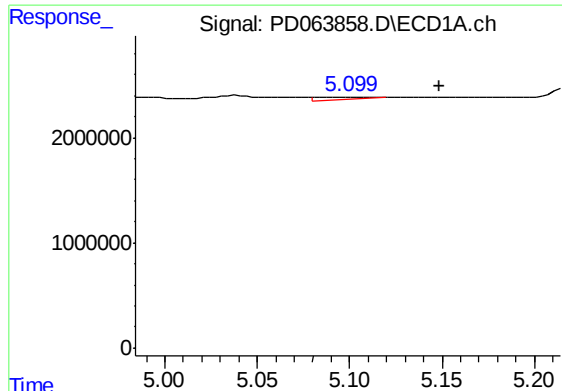
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.612 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

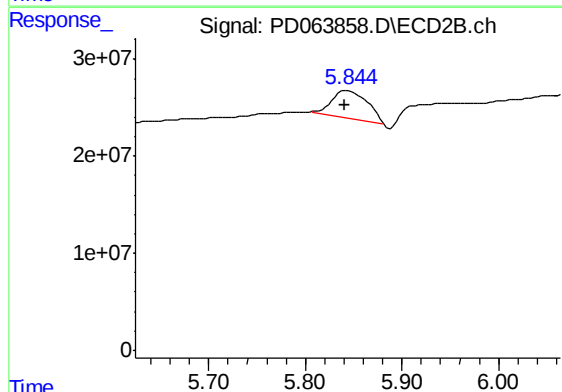
R.T.: 5.010 min  
Delta R.T.: -0.020 min  
Response: 39408615  
Conc: 1.68 ng/ml



#8 Heptachlor epoxide

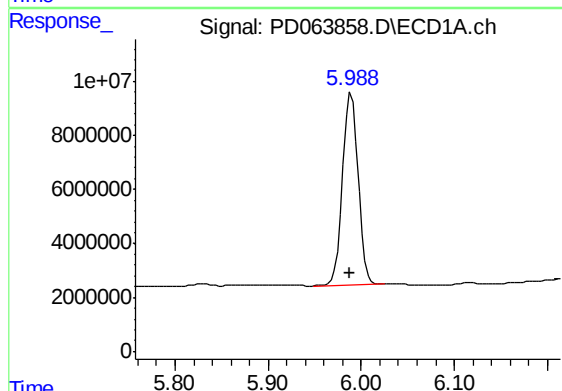
R.T.: 5.098 min  
Delta R.T.: -0.050 min  
Response: 457073  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



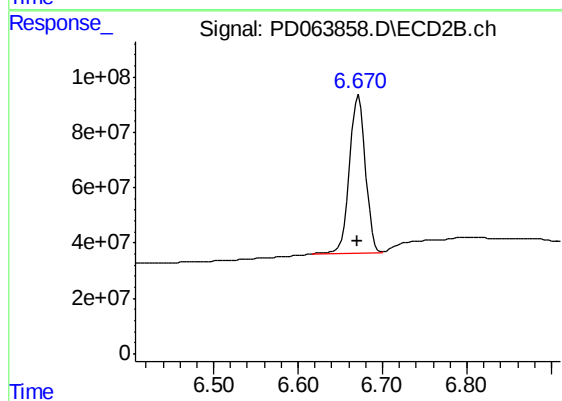
#8 Heptachlor epoxide

R.T.: 5.843 min  
Delta R.T.: 0.003 min  
Response: 69140195  
Conc: 3.36 ng/ml



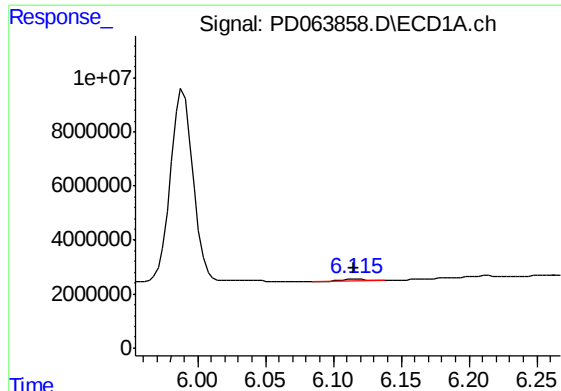
#14 Endrin

R.T.: 5.989 min  
Delta R.T.: 0.001 min  
Response: 83019305  
Conc: 45.90 ng/ml



#14 Endrin

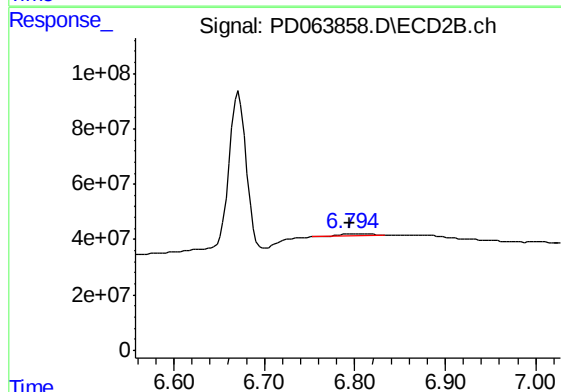
R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 747997136  
Conc: 42.75 ng/ml



#16 4,4'-DDD

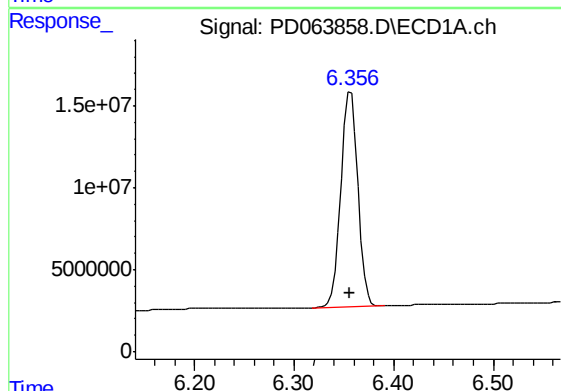
R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 745787  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



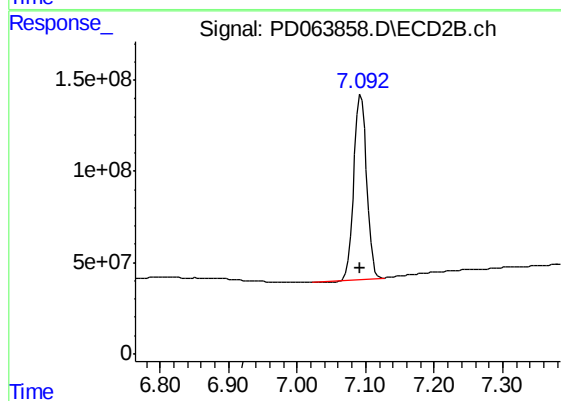
#16 4,4'-DDD

R.T.: 6.797 min  
Delta R.T.: 0.003 min  
Response: 20237112  
Conc: 1.20 ng/ml



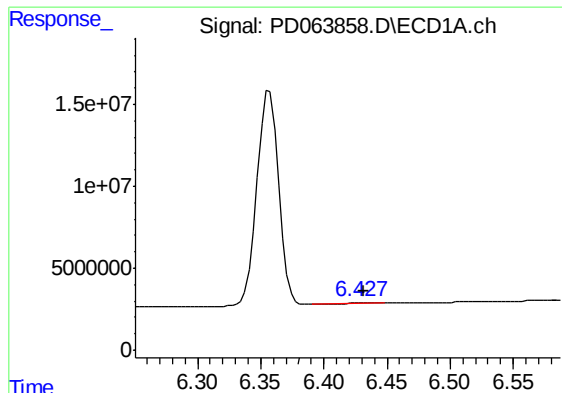
#17 4,4'-DDT

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 155892367  
Conc: 92.63 ng/ml



#17 4,4'-DDT

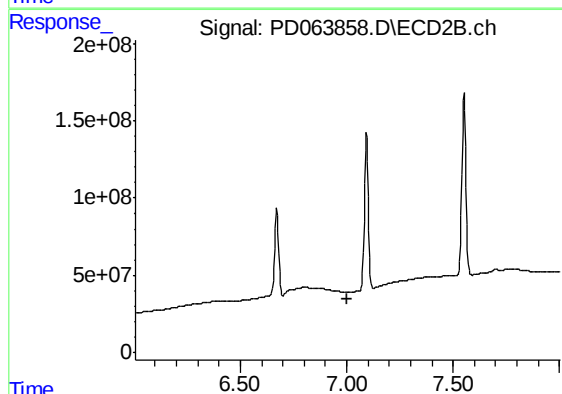
R.T.: 7.093 min  
Delta R.T.: 0.000 min  
Response: 1311495748  
Conc: 79.67 ng/ml



#18 Endrin aldehyde

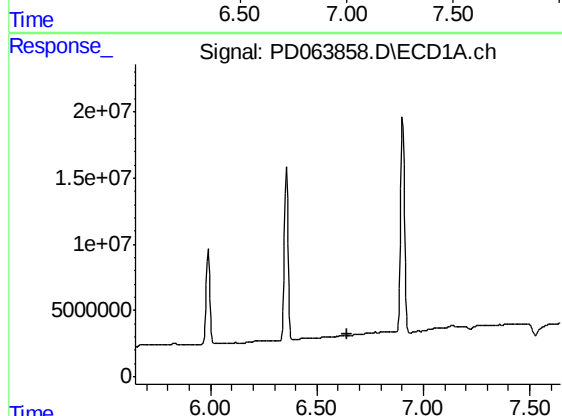
R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 572222  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



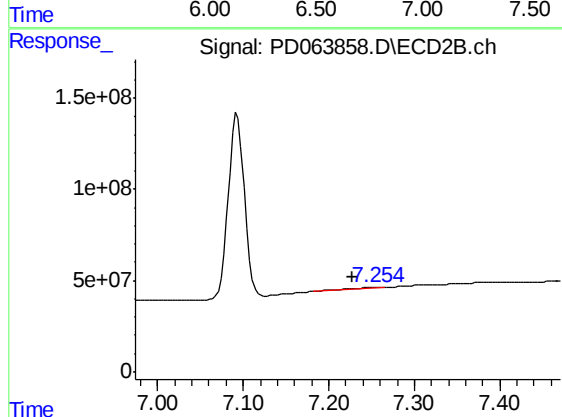
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



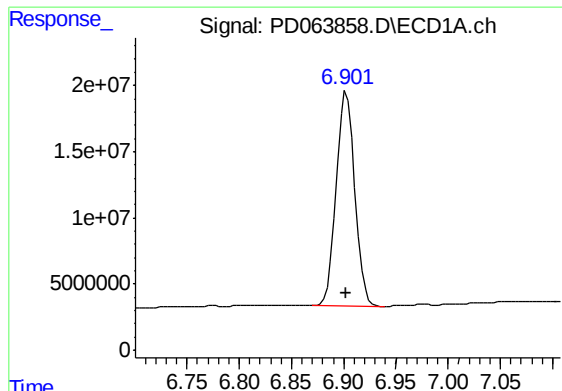
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.645 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

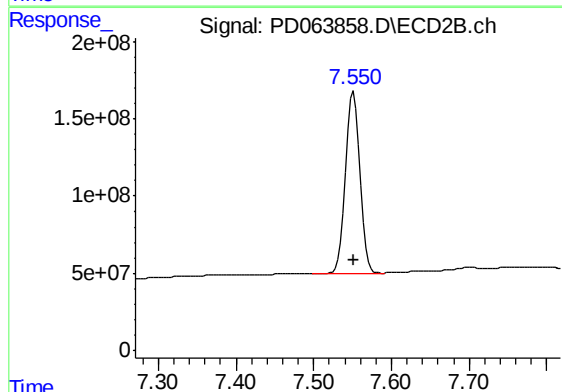
R.T.: 7.256 min  
Delta R.T.: 0.028 min  
Response: 13959456  
Conc: 0.85 ng/ml



#20 Methoxychlor

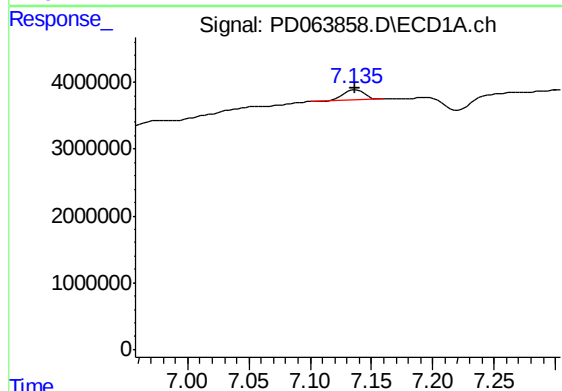
R.T.: 6.903 min  
Delta R.T.: 0.000 min  
Response: 200443620  
Conc: 217.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



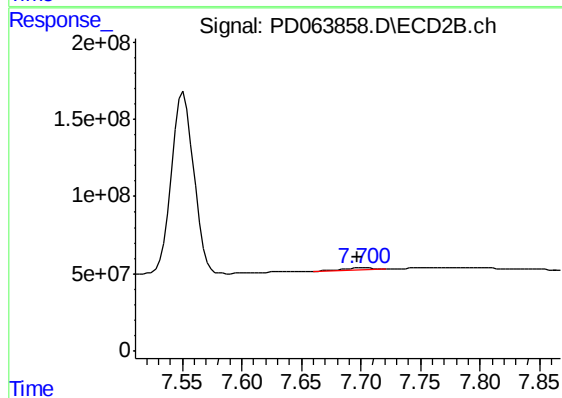
#20 Methoxychlor

R.T.: 7.551 min  
Delta R.T.: 0.000 min  
Response: 1546376863  
Conc: 199.88 ng/ml



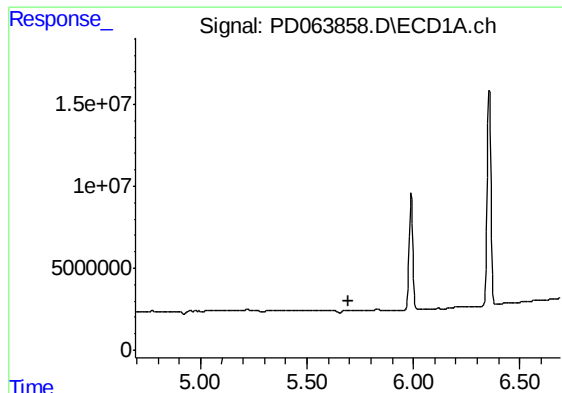
#21 Endrin ketone

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 1899274  
Conc: 1.00 ng/ml



#21 Endrin ketone

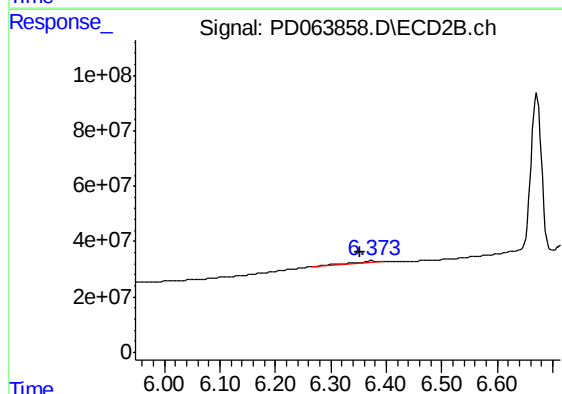
R.T.: 7.701 min  
Delta R.T.: 0.004 min  
Response: 13740055  
Conc: 0.87 ng/ml



#22 Toxaphene-1

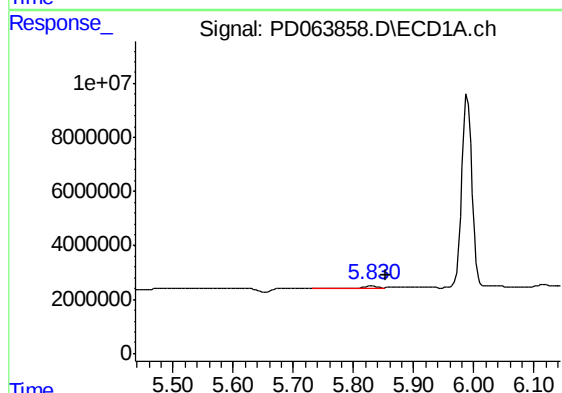
R.T.: 0.000 min  
Exp R.T.: 5.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



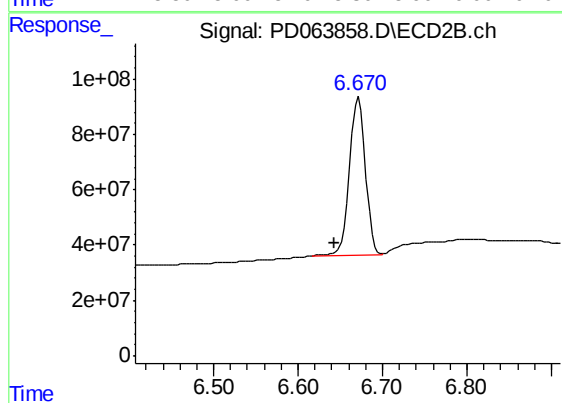
#22 Toxaphene-1

R.T.: 6.375 min  
Delta R.T.: 0.021 min  
Response: 18255239  
Conc: 209.42 ng/ml



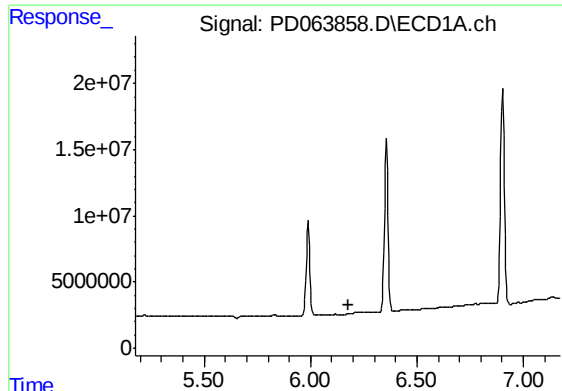
#23 Toxaphene-2

R.T.: 5.831 min  
Delta R.T.: -0.023 min  
Response: 748181  
Conc: 62.19 ng/ml



#23 Toxaphene-2

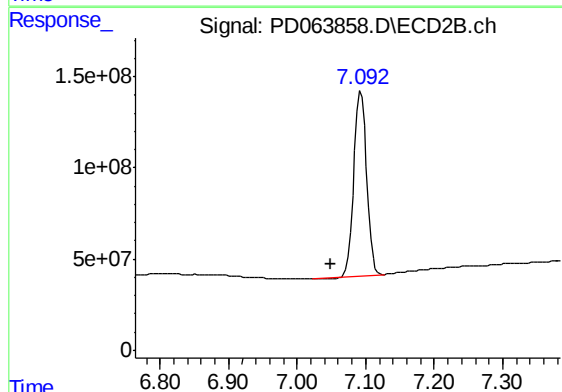
R.T.: 6.672 min  
Delta R.T.: 0.028 min  
Response: 747997136  
Conc: 6968.90 ng/ml



#24 Toxaphene-3

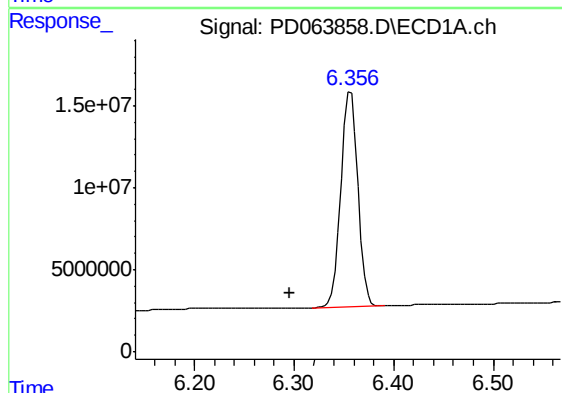
R.T.: 6.213 min  
Delta R.T.: 0.037 min  
Response: -90321  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



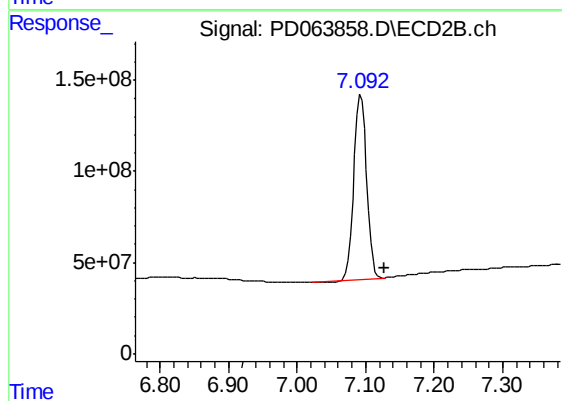
#24 Toxaphene-3

R.T.: 7.093 min  
Delta R.T.: 0.045 min  
Response: 1311495748  
Conc: 9519.29 ng/ml



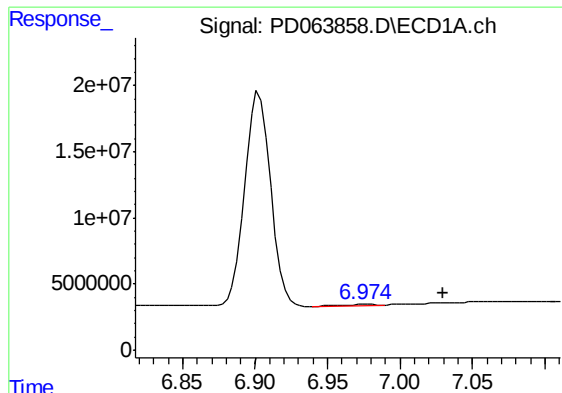
#25 Toxaphene-4

R.T.: 6.357 min  
Delta R.T.: 0.061 min  
Response: 155892367  
Conc: 4923.42 ng/ml



#25 Toxaphene-4

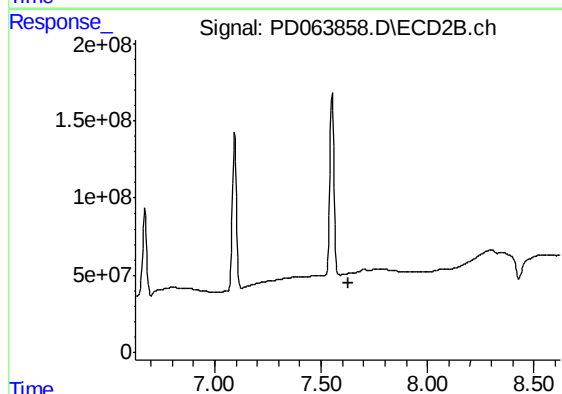
R.T.: 7.093 min  
Delta R.T.: -0.034 min  
Response: 1311495748  
Conc: 3179.17 ng/ml



#26 Toxaphene-5

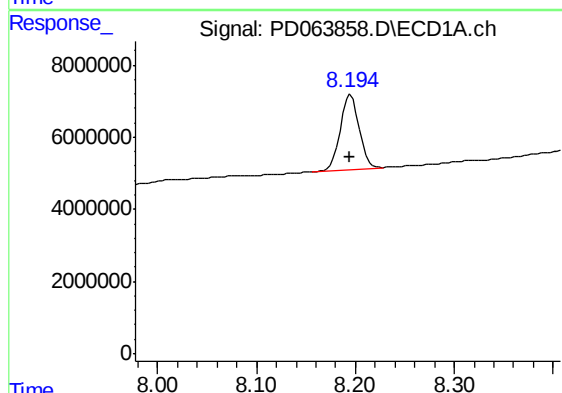
R.T.: 6.976 min  
Delta R.T.: -0.054 min  
Response: 367880  
Conc: 10.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM017



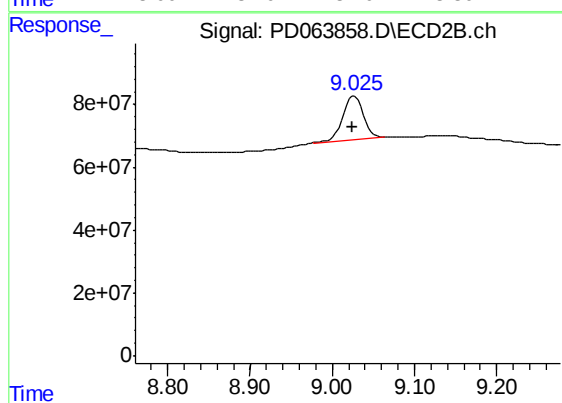
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.626 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: 0.001 min  
Response: 27495678  
Conc: 15.88 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 239400906  
Conc: 17.26 ng/ml