

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100620\  
 Data File : PD059508.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2020 08:53  
 Operator : DD\AJ  
 Sample : PEM21  
 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 07 02:05:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 04:21:20 2020  
 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

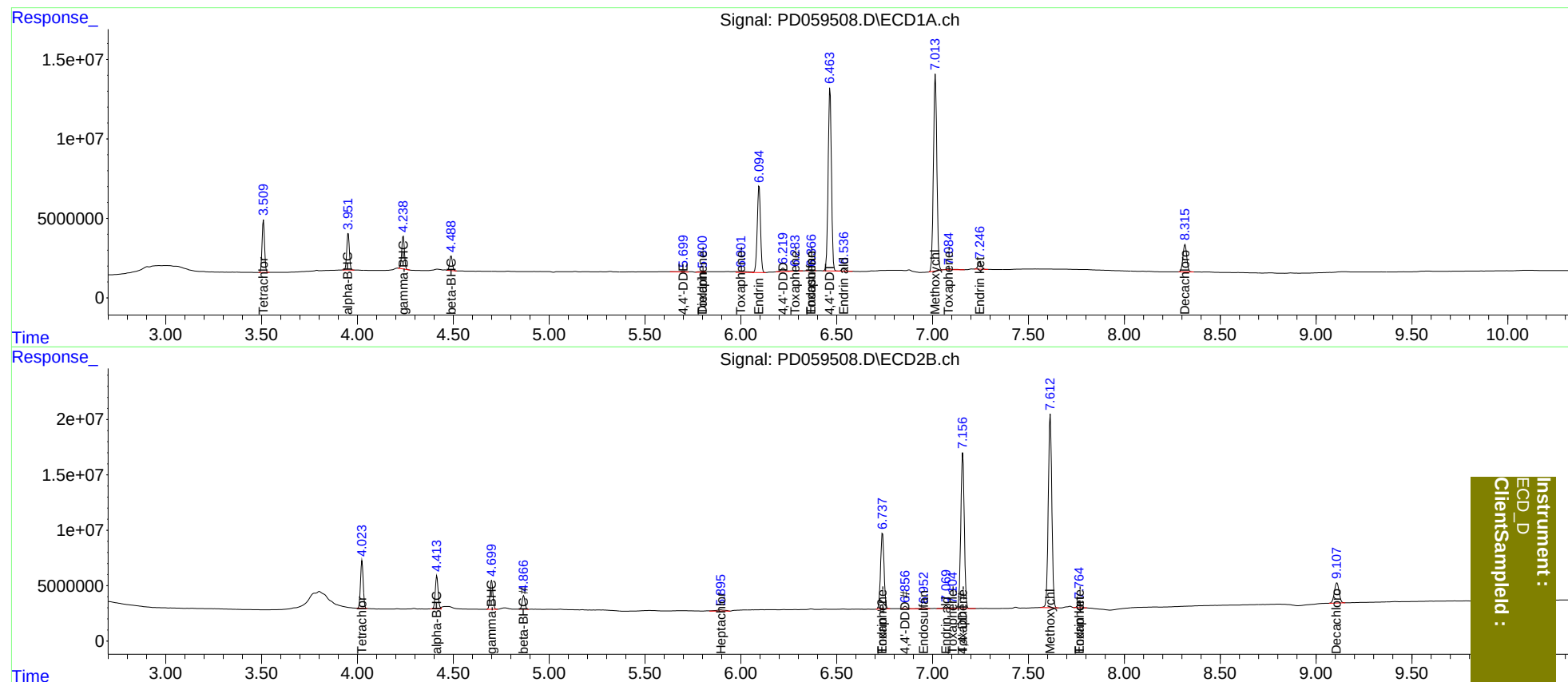
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|------------|
| -----                       |                 |        |       |          |          |         |            |
| System Monitoring Compounds |                 |        |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.510  | 4.024 | 29689386 | 41956665 | 20.553  | 21.124     |
| 27)                         | SA Decachlor... | 8.316  | 9.109 | 23960545 | 30944506 | 22.362  | 20.799     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.952  | 4.415 | 21862465 | 30680405 | 10.297  | 10.502     |
| 3)                          | MA gamma-BHC... | 4.239  | 4.700 | 20219963 | 27409001 | 10.353  | 10.328     |
| 6)                          | B beta-BHC      | 4.489  | 4.867 | 9002940  | 12409255 | 11.046  | 10.579     |
| 8)                          | B Heptachlo...  | 0.000  | 5.896 | 0        | 3762557  | N.D.    | 1.676      |
| 12)                         | B 4,4'-DDE      | 5.700  | 0.000 | 1239502  | 0        | 0.804   | N.D. #     |
| 13)                         | MA Dieldrin     | 5.801f | 0.000 | 804026   | 0        | 0.490   | N.D. #     |
| 14)                         | MA Endrin       | 6.095  | 6.739 | 64513900 | 86057336 | 54.612  | 55.547     |
| 15)                         | B Endosulfa...  | 6.368  | 6.954 | 565477   | 2036315  | 0.435   | 1.128 #    |
| 16)                         | A 4,4'-DDD      | 6.220  | 6.857 | 3203408  | 2816564  | 2.450   | 1.627 #    |
| 17)                         | MA 4,4'-DDT     | 6.465  | 7.157 | 136.9E6  | 178.8E6  | 102.010 | 111.392    |
| 18)                         | B Endrin al...  | 6.538  | 7.071 | 2603269  | 4343102  | 2.484   | 2.969      |
| 20)                         | A Methoxychlor  | 7.014  | 7.614 | 154.4E6  | 225.6E6  | 251.626 | 271.913    |
| 21)                         | B Endrin ke...  | 7.247  | 7.766 | 5649877  | 5421033  | 4.235   | 3.015 #    |
| 22)                         | Toxaphene-1     | 5.801  | 0.000 | 804026   | 0        | 81.240  | N.D. #     |
| 23)                         | Toxaphene-2     | 6.002  | 6.739 | 2724900  | 86057336 | 283.611 | 6820.530 # |
| 24)                         | Toxaphene-3     | 6.284  | 7.106 | 943946   | 1228344  | 87.496  | 70.788     |
| 25)                         | Toxaphene-4     | 6.368  | 7.157 | 565477   | 178.8E6  | 23.434  | 3853.581 # |
| 26)                         | Toxaphene-5     | 7.085  | 7.766 | 1431039  | 5421033  | 63.094  | 251.329 #  |
| -----                       |                 |        |       |          |          |         |            |

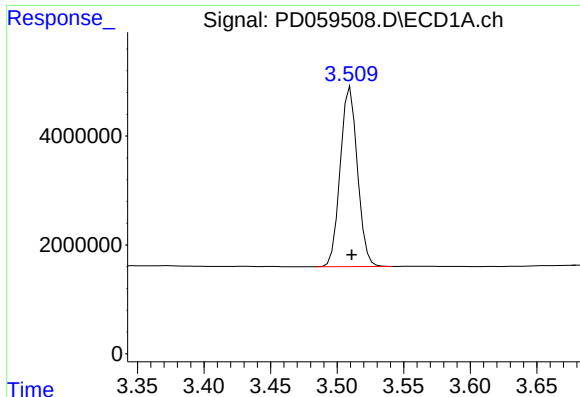
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100620\  
Data File : PD059508.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2020 08:53  
Operator : DD\AJ  
Sample : PEM21  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 07 02:05:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 02 04:21:20 2020  
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

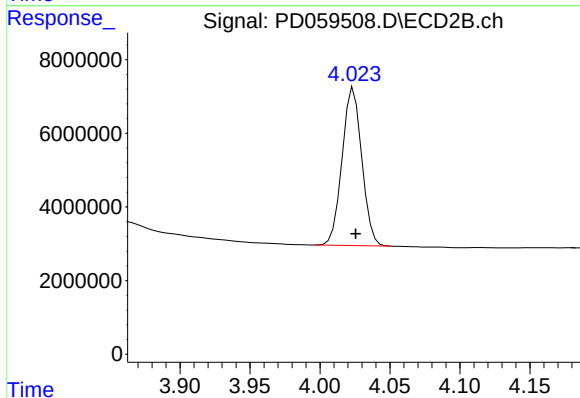




#1 Tetrachloro-m-xylene

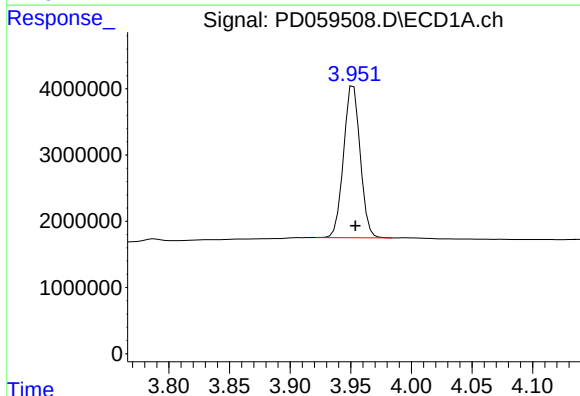
R.T.: 3.510 min  
Delta R.T.: -0.001 min  
Response: 29689386  
Conc: 20.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



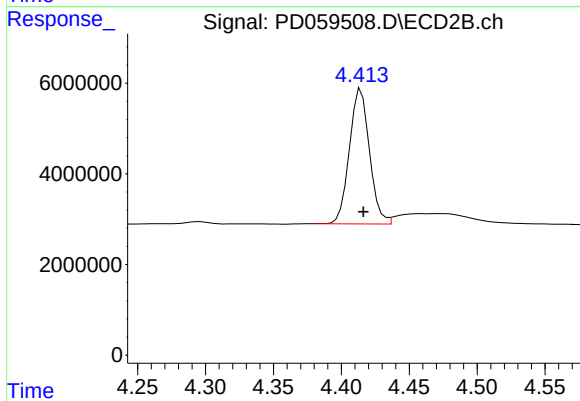
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: -0.001 min  
Response: 41956665  
Conc: 21.12 ng/ml



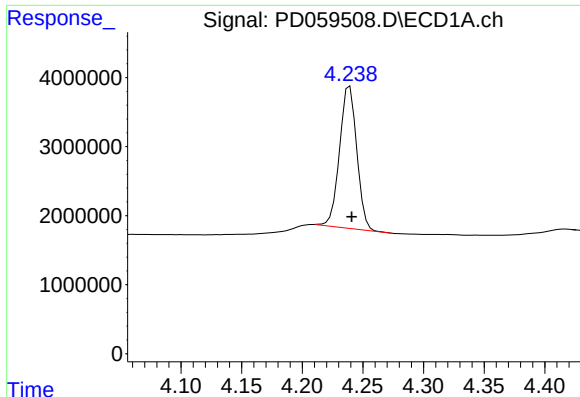
#2 alpha-BHC

R.T.: 3.952 min  
Delta R.T.: -0.002 min  
Response: 21862465  
Conc: 10.30 ng/ml



#2 alpha-BHC

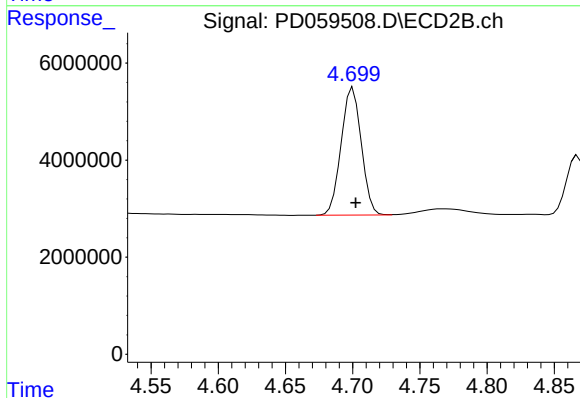
R.T.: 4.415 min  
Delta R.T.: -0.002 min  
Response: 30680405  
Conc: 10.50 ng/ml



#3 gamma-BHC (Lindane)

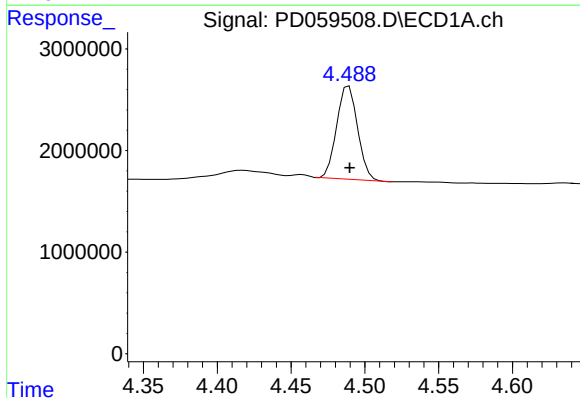
R.T.: 4.239 min  
Delta R.T.: -0.001 min  
Response: 20219963  
Conc: 10.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



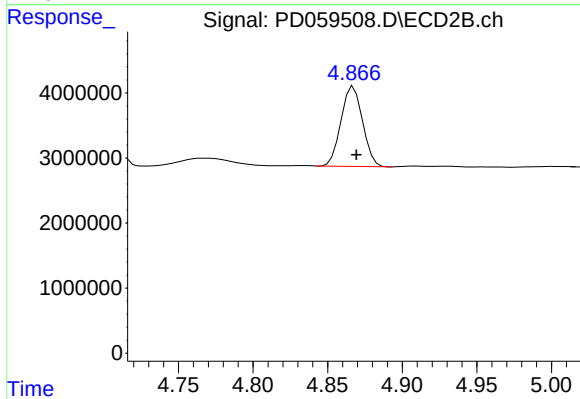
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: -0.002 min  
Response: 27409001  
Conc: 10.33 ng/ml



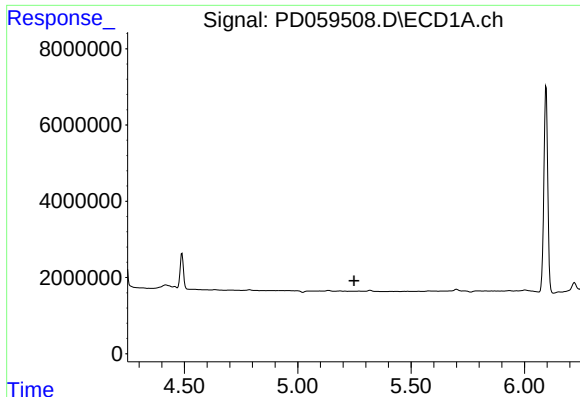
#6 beta-BHC

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 9002940  
Conc: 11.05 ng/ml



#6 beta-BHC

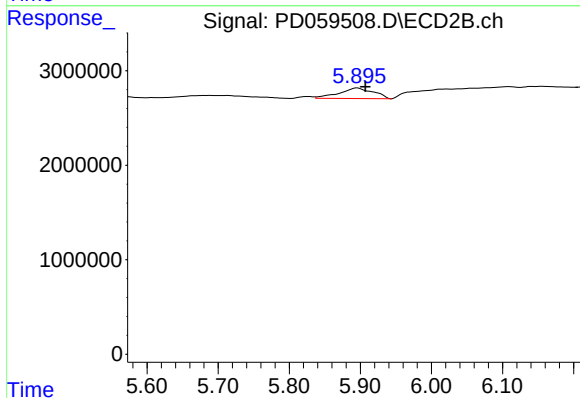
R.T.: 4.867 min  
Delta R.T.: -0.002 min  
Response: 12409255  
Conc: 10.58 ng/ml



#8 Heptachlor epoxide

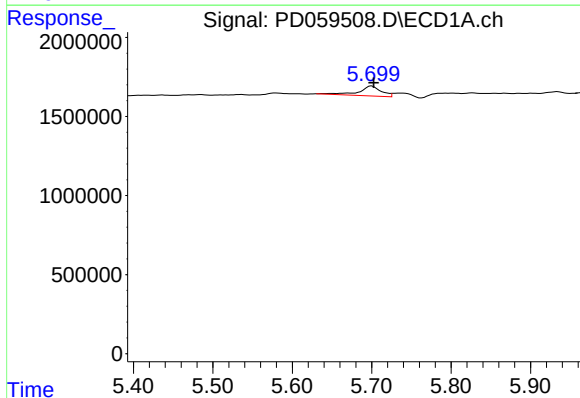
R.T.: 0.000 min  
Exp R.T.: 5.248 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



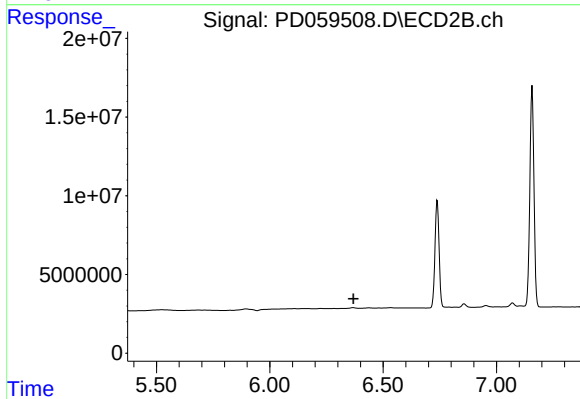
#8 Heptachlor epoxide

R.T.: 5.896 min  
Delta R.T.: -0.011 min  
Response: 3762557  
Conc: 1.68 ng/ml



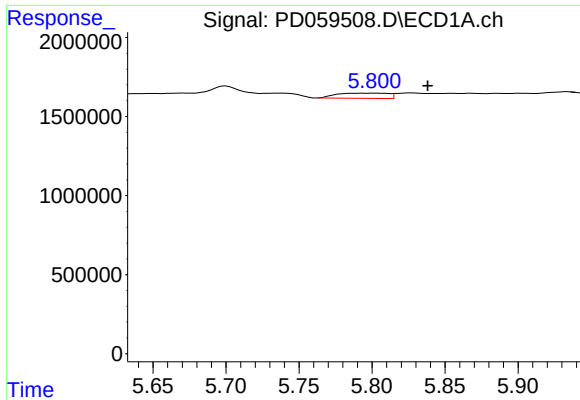
#12 4,4'-DDE

R.T.: 5.700 min  
Delta R.T.: -0.003 min  
Response: 1239502  
Conc: 0.80 ng/ml



#12 4,4'-DDE

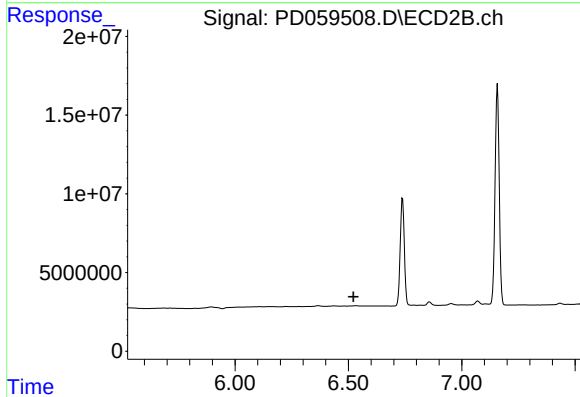
R.T.: 0.000 min  
Exp R.T.: 6.370 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

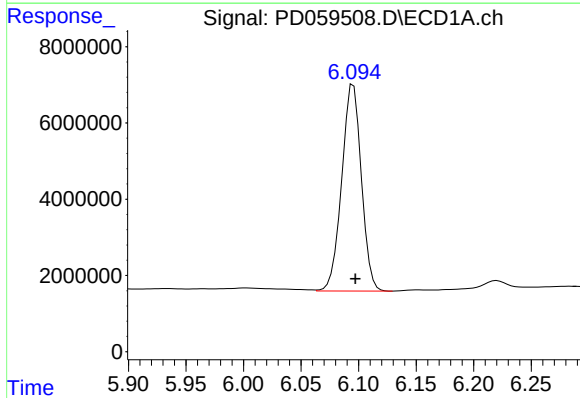
R.T.: 5.801 min  
Delta R.T.: -0.037 min  
Response: 804026  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



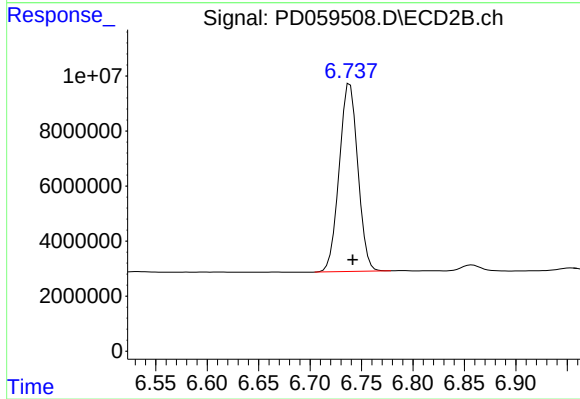
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.523 min  
Response: 0  
Conc: N.D.



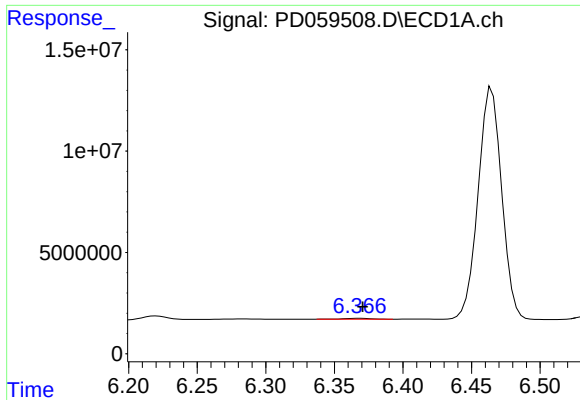
#14 Endrin

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 64513900  
Conc: 54.61 ng/ml



#14 Endrin

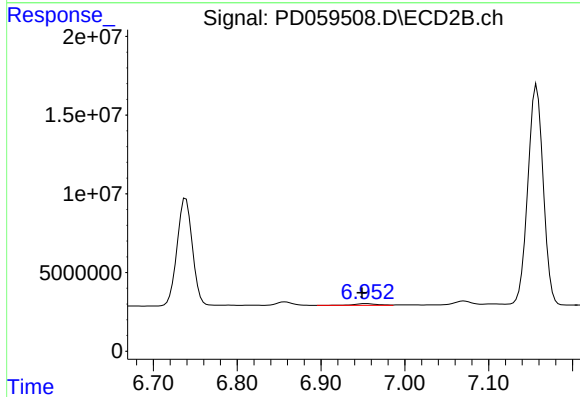
R.T.: 6.739 min  
Delta R.T.: -0.003 min  
Response: 86057336  
Conc: 55.55 ng/ml



#15 Endosulfan II

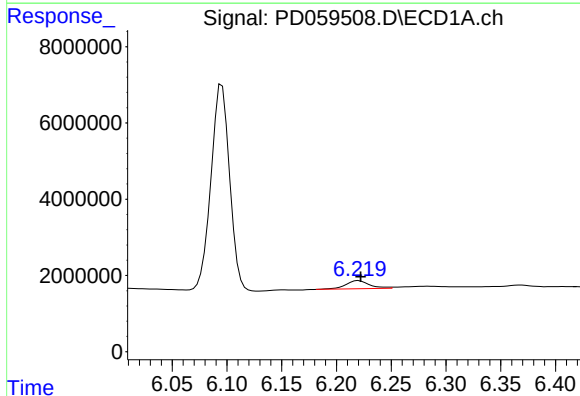
R.T.: 6.368 min  
Delta R.T.: -0.003 min  
Response: 565477  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



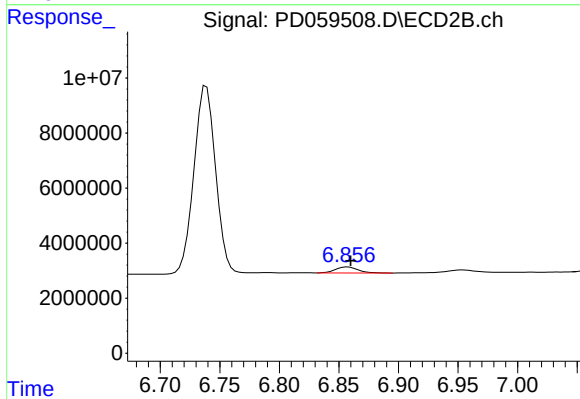
#15 Endosulfan II

R.T.: 6.954 min  
Delta R.T.: 0.005 min  
Response: 2036315  
Conc: 1.13 ng/ml



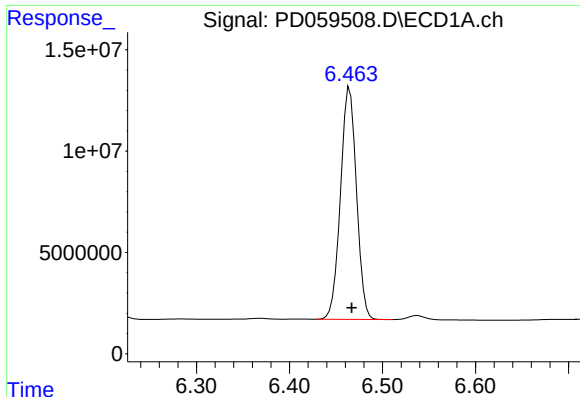
#16 4,4'-DDD

R.T.: 6.220 min  
Delta R.T.: -0.002 min  
Response: 3203408  
Conc: 2.45 ng/ml



#16 4,4'-DDD

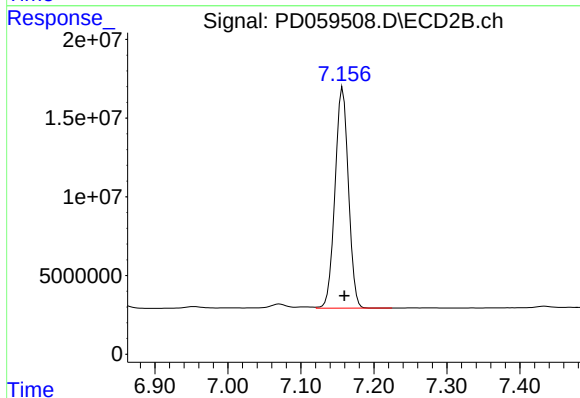
R.T.: 6.857 min  
Delta R.T.: -0.003 min  
Response: 2816564  
Conc: 1.63 ng/ml



#17 4,4'-DDT

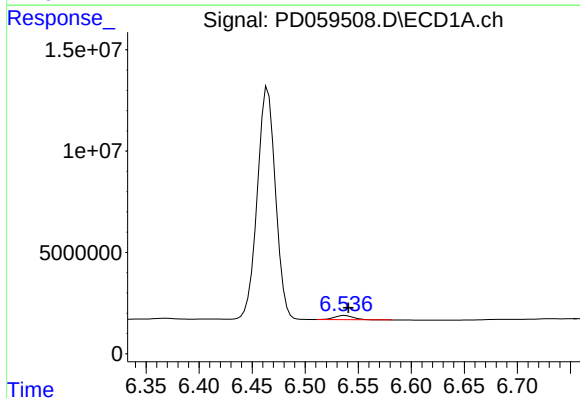
R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 136891089  
Conc: 102.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



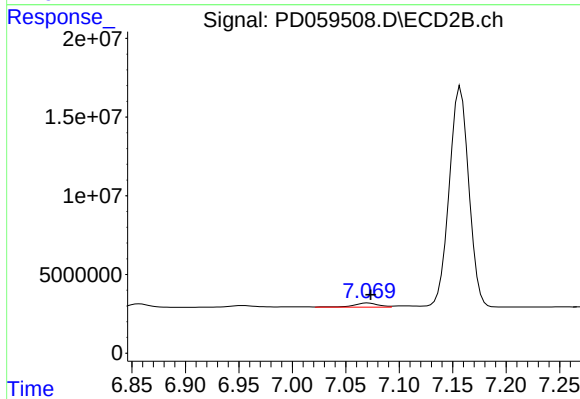
#17 4,4'-DDT

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 178792266  
Conc: 111.39 ng/ml



#18 Endrin aldehyde

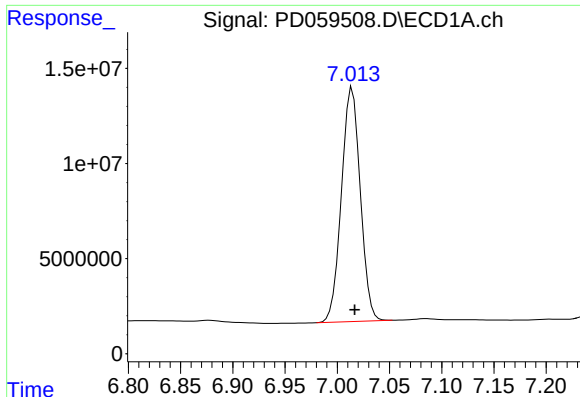
R.T.: 6.538 min  
Delta R.T.: -0.003 min  
Response: 2603269  
Conc: 2.48 ng/ml



#18 Endrin aldehyde

R.T.: 7.071 min  
Delta R.T.: -0.003 min  
Response: 4343102  
Conc: 2.97 ng/ml

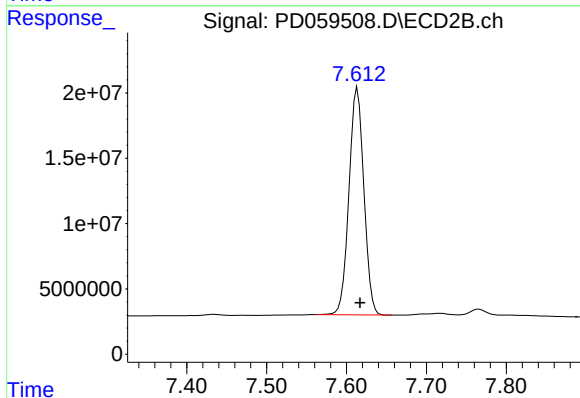




#20 Methoxychlor

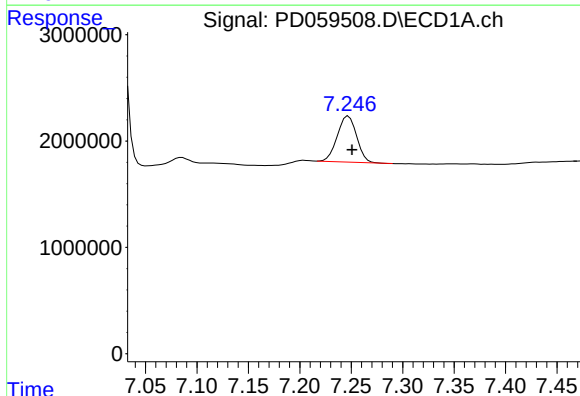
R.T.: 7.014 min  
Delta R.T.: -0.002 min  
Response: 154396649  
Conc: 251.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



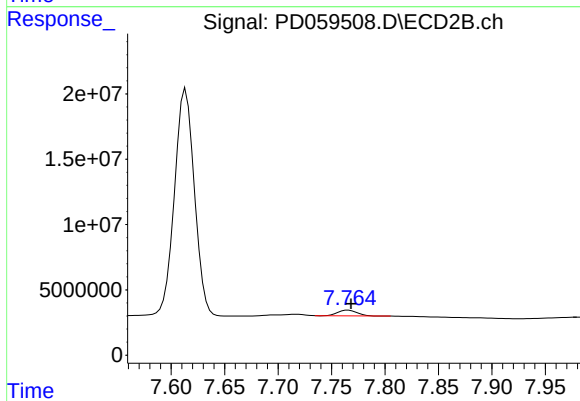
#20 Methoxychlor

R.T.: 7.614 min  
Delta R.T.: -0.003 min  
Response: 225602330  
Conc: 271.91 ng/ml



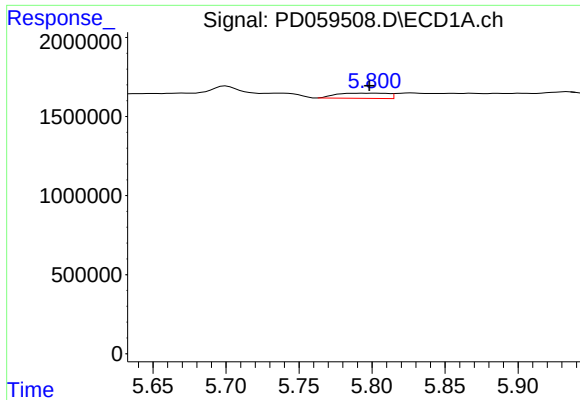
#21 Endrin ketone

R.T.: 7.247 min  
Delta R.T.: -0.004 min  
Response: 5649877  
Conc: 4.24 ng/ml



#21 Endrin ketone

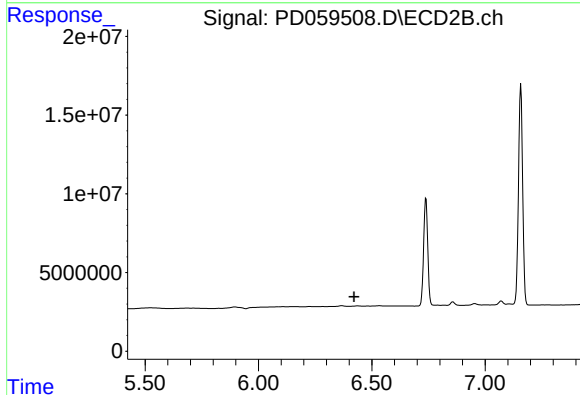
R.T.: 7.766 min  
Delta R.T.: -0.002 min  
Response: 5421033  
Conc: 3.02 ng/ml



# #22 Toxaphene-1

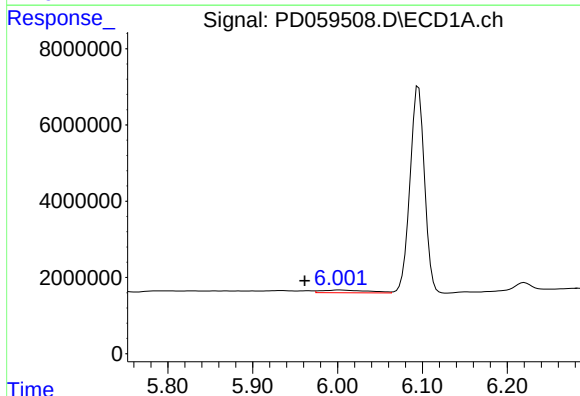
R.T.: 5.801 min  
Delta R.T.: 0.003 min  
Response: 804026  
Conc: 81.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



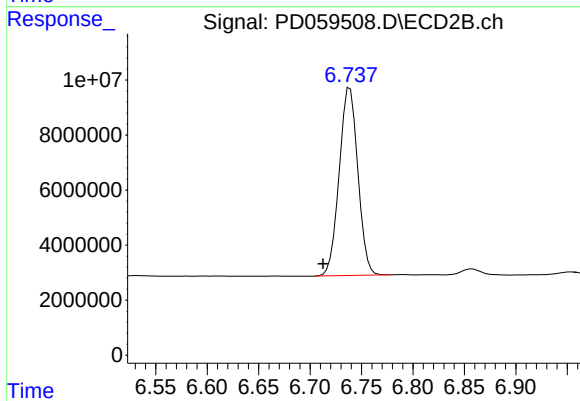
# #22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 6.422 min  
Response: 0  
Conc: N.D.



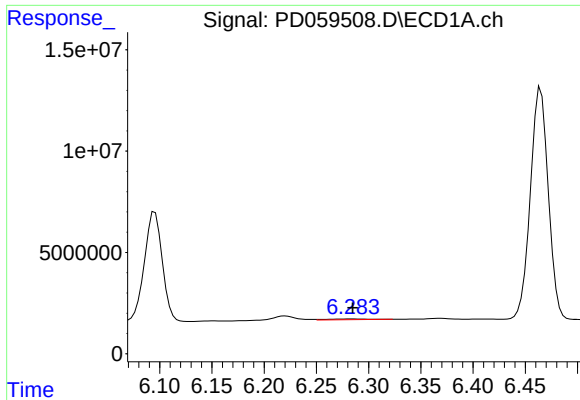
# #23 Toxaphene-2

R.T.: 6.002 min  
Delta R.T.: 0.041 min  
Response: 2724900  
Conc: 283.61 ng/ml



# #23 Toxaphene-2

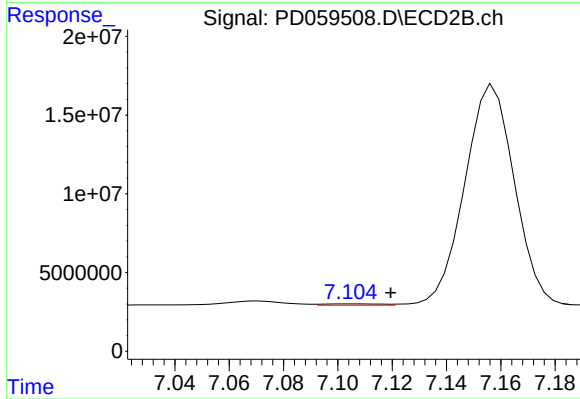
R.T.: 6.739 min  
Delta R.T.: 0.026 min  
Response: 86057336  
Conc: 6820.53 ng/ml



#24 Toxaphene-3

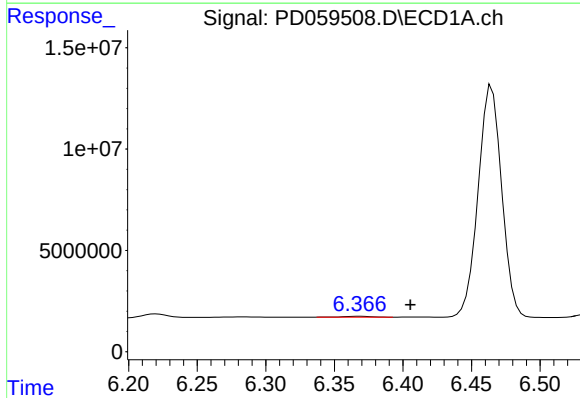
R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 943946  
Conc: 87.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



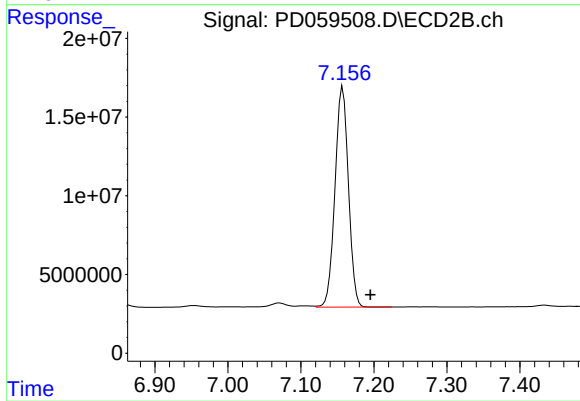
#24 Toxaphene-3

R.T.: 7.106 min  
Delta R.T.: -0.014 min  
Response: 1228344  
Conc: 70.79 ng/ml



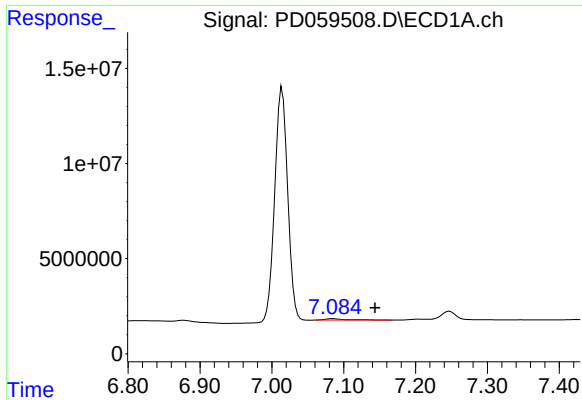
#25 Toxaphene-4

R.T.: 6.368 min  
Delta R.T.: -0.038 min  
Response: 565477  
Conc: 23.43 ng/ml



#25 Toxaphene-4

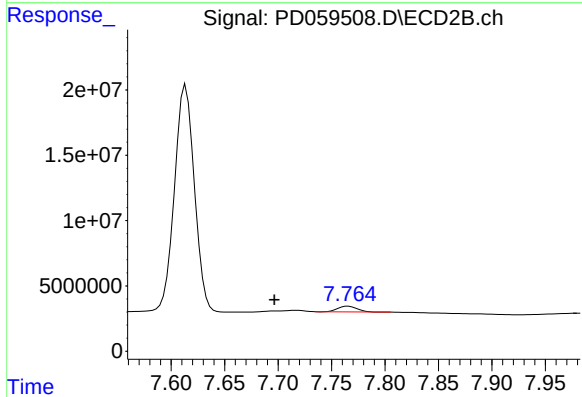
R.T.: 7.157 min  
Delta R.T.: -0.038 min  
Response: 178792266  
Conc: 3853.58 ng/ml



#26 Toxaphene-5

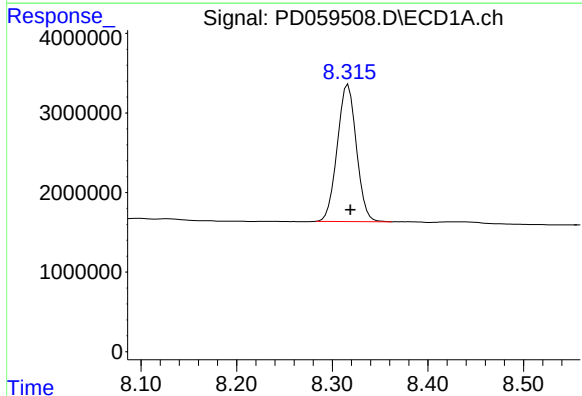
R.T.: 7.085 min  
Delta R.T.: -0.059 min  
Response: 1431039  
Conc: 63.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



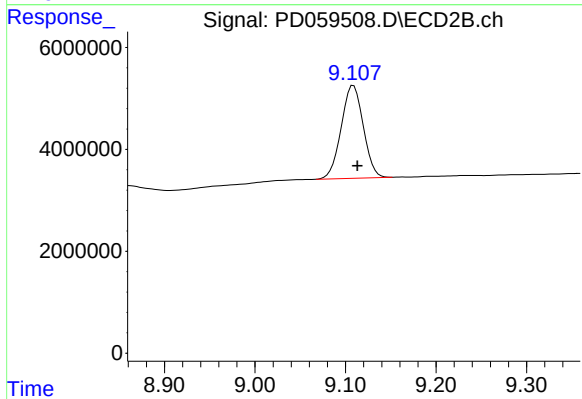
#26 Toxaphene-5

R.T.: 7.766 min  
Delta R.T.: 0.069 min  
Response: 5421033  
Conc: 251.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.316 min  
Delta R.T.: -0.002 min  
Response: 23960545  
Conc: 22.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: -0.004 min  
Response: 30944506  
Conc: 20.80 ng/ml