

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092619\  
 Data File : PD055008.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 20:21  
 Operator : SG\AJ  
 Sample : K4983-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFDJ6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 01:32:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 24 07:21:19 2019  
 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... | 3.292  | 3.963  | 14979283 | 17928537 | 19.690   | 17.471  |
| 27)                         | SA Decachlor... | 7.971  | 8.999  | 14838111 | 19015927 | 17.610   | 16.322  |
| Target Compounds            |                 |        |        |          |          |          |         |
| 2)                          | A alpha-BHC     | 3.721  | 0.000  | 471044   | 0        | 0.424    | N.D. #  |
| 3)                          | MA gamma-BHC... | 4.002  | 4.594f | 3852194  | 824409   | 3.593    | 0.589 # |
| 4)                          | MA Heptachlor   | 4.296  | 0.000  | 962376   | 0        | 1.040    | N.D. #  |
| 5)                          | MB Aldrin       | 4.507  | 0.000  | 540617   | 0        | 0.555    | N.D. #  |
| 6)                          | B beta-BHC      | 4.204f | 0.000  | 3245632  | 0        | 6.937    | N.D. #  |
| 7)                          | B delta-BHC     | 4.443  | 0.000  | 159402   | 0        | 0.149    | N.D. #  |
| 8)                          | B Heptachlor... | 4.949  | 5.899f | 737300   | -629195  | 0.803    | N.D. #  |
| 9)                          | A Endosulfan I  | 5.307  | 0.000  | 2970026  | 0        | 3.346    | N.D. #  |
| 10)                         | B trans-Chl...  | 5.185  | 6.041  | 3324251  | 8464283  | 3.519    | 6.245 # |
| 11)                         | B cis-Chlor...  | 5.242  | 0.000  | 3827586  | 0        | 4.182    | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.413  | 0.000  | 929072   | 0        | 1.035    | N.D. #  |
| 13)                         | MA Dieldrin     | 5.510  | 6.462  | 10074509 | 3334976  | 10.235   | 2.390 # |
| 14)                         | MA Endrin       | 5.811  | 0.000  | 284264   | 0        | 0.342    | N.D. #  |
| 15)                         | B Endosulfa...  | 6.015f | 6.829f | 7366112  | 10027524 | 8.456    | 7.885   |
| 16)                         | A 4,4'-DDD      | 5.919  | 6.770  | 2294299  | 3178772  | 3.163    | 2.929   |
| 18)                         | B Endrin al...  | 6.268f | 6.923f | 346256   | 1101274  | 0.476    | 1.062 # |
| 19)                         | B Endosulfa...  | 6.439  | 7.151f | 247246   | 816539   | 0.305    | 0.687 # |
| 20)                         | A Methoxychlor  | 6.706  | 0.000  | 2438919  | 0        | 6.879    | N.D. #  |
| 21)                         | B Endrin ke...  | 6.974f | 0.000  | 1265881  | 0        | 1.402    | N.D. #  |
| 22)                         | Toxaphene-1     | 5.510  | 0.000  | 10074509 | 0        | 1800.869 | N.D. #  |
| 23)                         | Toxaphene-2     | 5.665  | 0.000  | 1766635  | 0        | 304.825  | N.D. #  |
| 24)                         | Toxaphene-3     | 6.015  | 0.000  | 7366112  | 0        | 1474.518 | N.D. #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.151  | 0        | 816539   | N.D.     | 24.246  |
| 26)                         | Toxaphene-5     | 6.826  | 0.000  | 2990728  | 0        | 161.678  | N.D. #  |
| -----                       |                 |        |        |          |          |          |         |

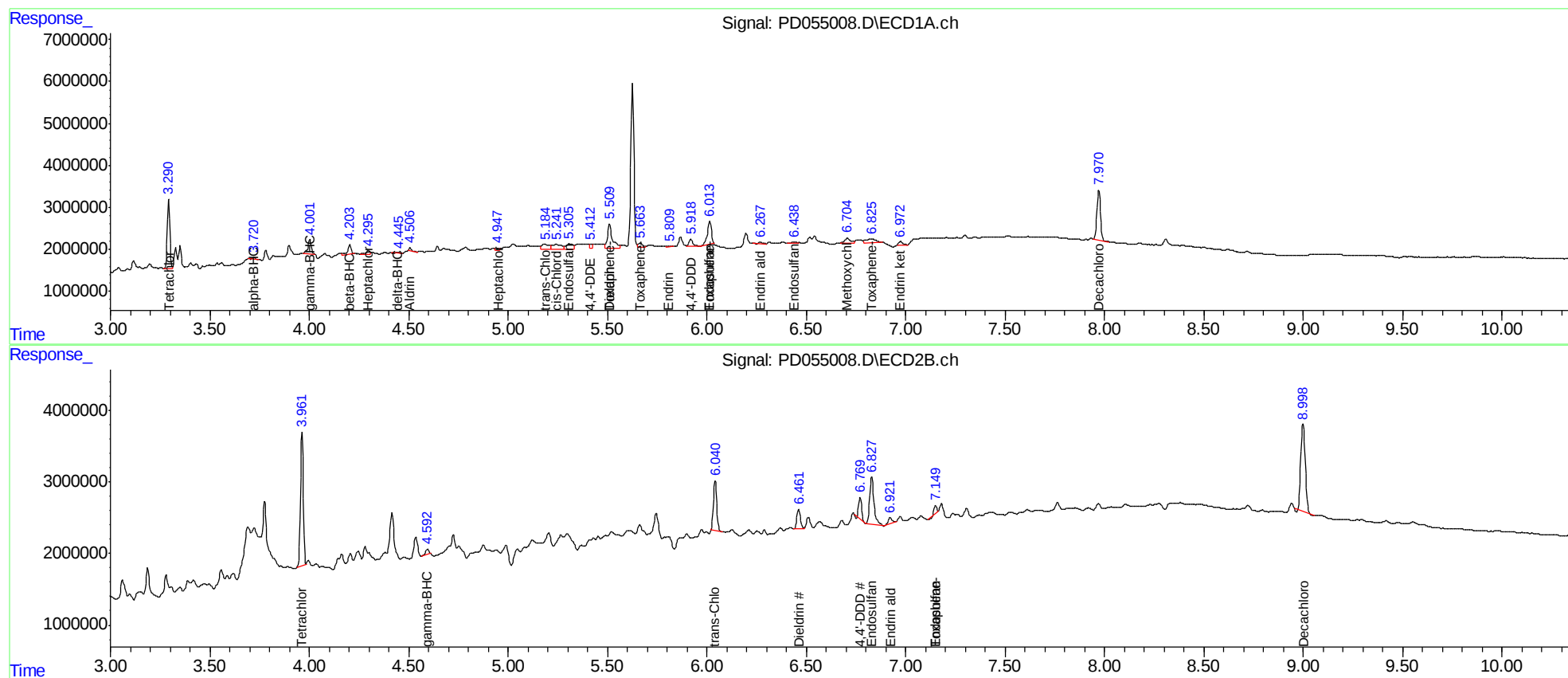
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

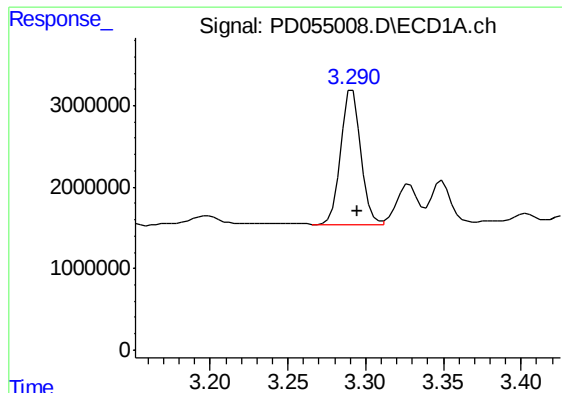
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092619\  
Data File : PD055008.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2019 20:21  
Operator : SG\AJ  
Sample : K4983-15  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 01:32:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 24 07:21:19 2019  
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

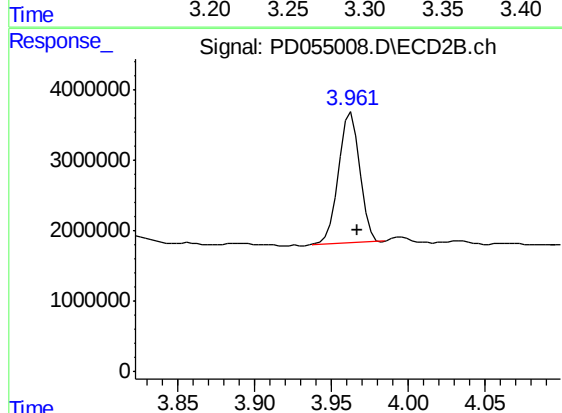




#1 Tetrachloro-m-xylene

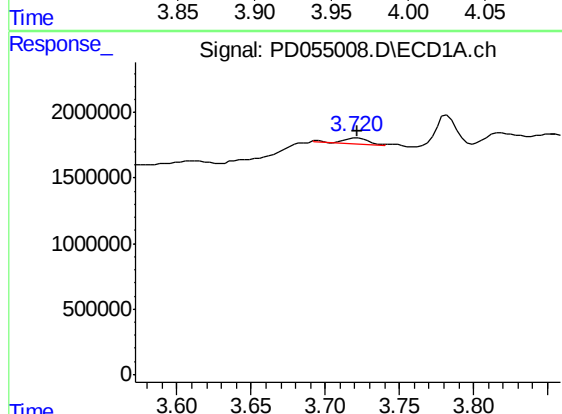
R.T.: 3.292 min  
Delta R.T.: -0.003 min  
Response: 14979283  
Conc: 19.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



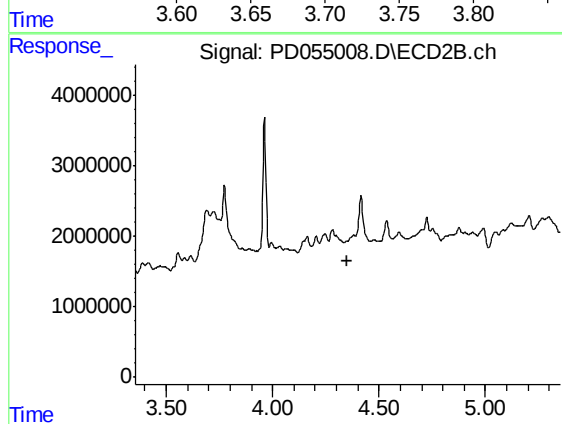
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: -0.004 min  
Response: 17928537  
Conc: 17.47 ng/ml



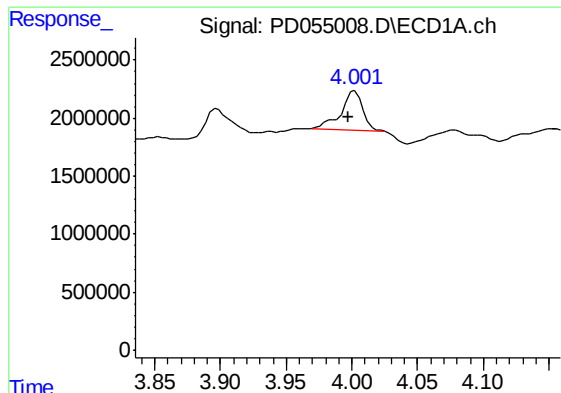
#2 alpha-BHC

R.T.: 3.721 min  
Delta R.T.: 0.000 min  
Response: 471044  
Conc: 0.42 ng/ml



#2 alpha-BHC

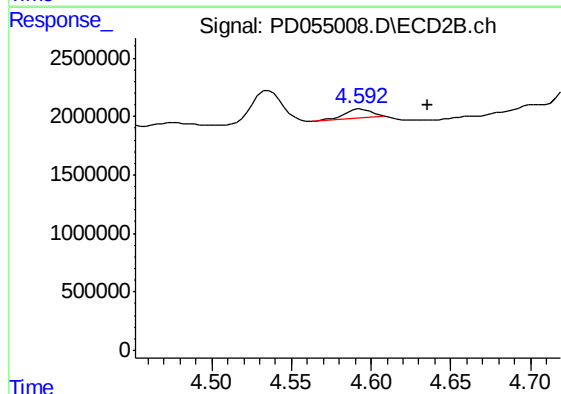
R.T.: 0.000 min  
Exp R.T. : 4.353 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

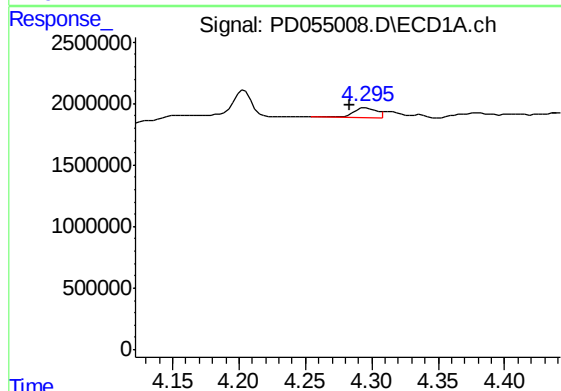
R.T.: 4.002 min  
Delta R.T.: 0.005 min  
Response: 3852194  
Conc: 3.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



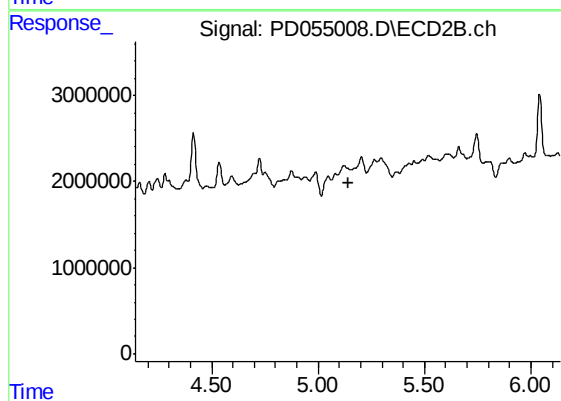
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.041 min  
Response: 824409  
Conc: 0.59 ng/ml



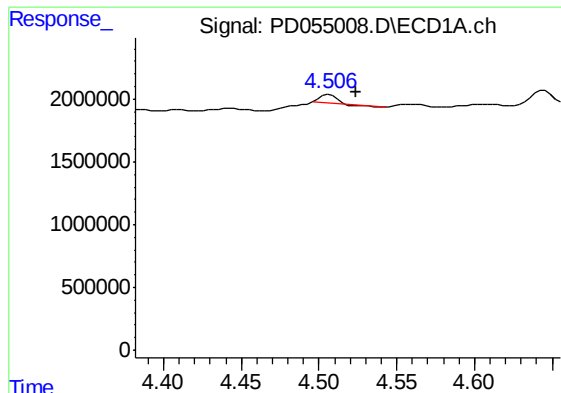
#4 Heptachlor

R.T.: 4.296 min  
Delta R.T.: 0.012 min  
Response: 962376  
Conc: 1.04 ng/ml



#4 Heptachlor

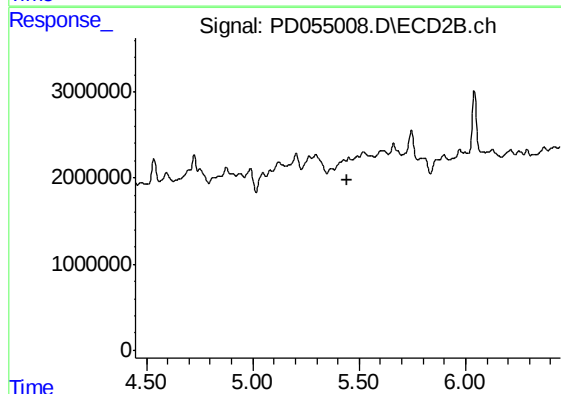
R.T.: 0.000 min  
Exp R.T. : 5.142 min  
Response: 0  
Conc: N.D.



#5 Aldrin

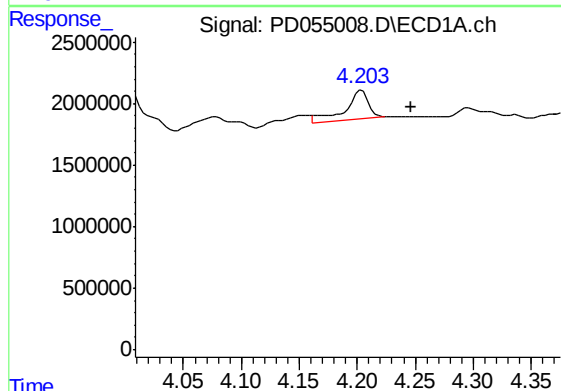
R.T.: 4.507 min  
Delta R.T.: -0.017 min  
Response: 540617  
Conc: 0.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



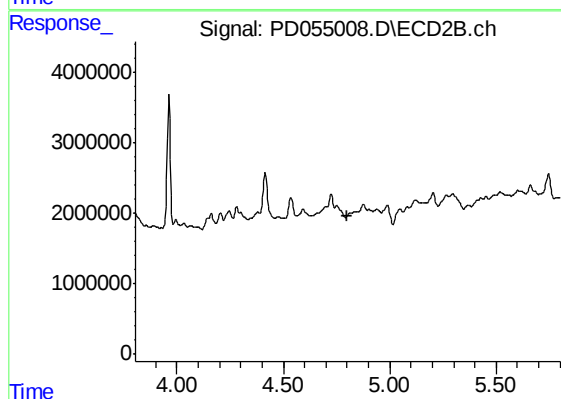
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.447 min  
Response: 0  
Conc: N.D.



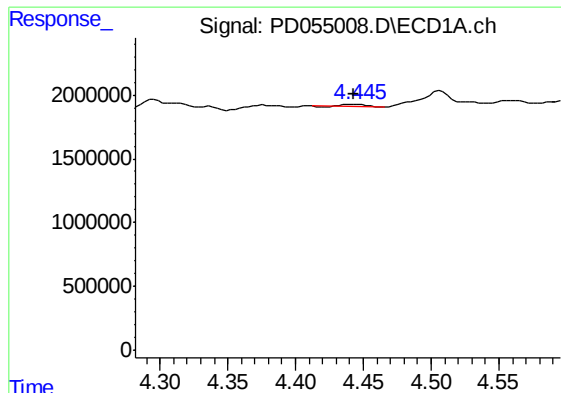
#6 beta-BHC

R.T.: 4.204 min  
Delta R.T.: -0.043 min  
Response: 3245632  
Conc: 6.94 ng/ml



#6 beta-BHC

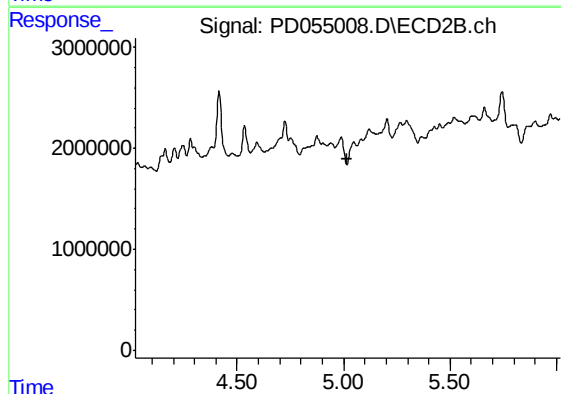
R.T.: 0.000 min  
Exp R.T. : 4.804 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

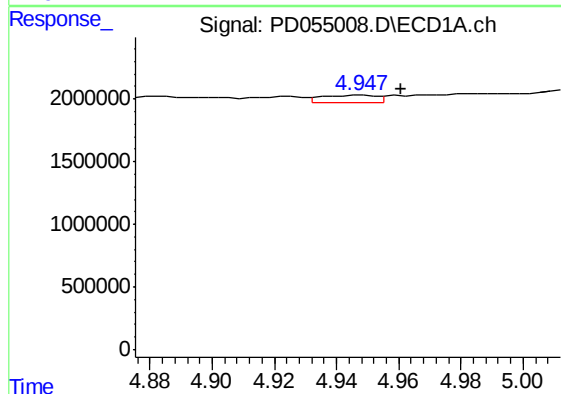
R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 159402  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



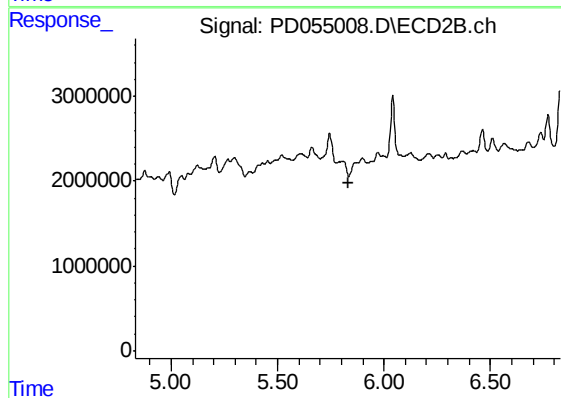
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.019 min  
Response: 0  
Conc: N.D.



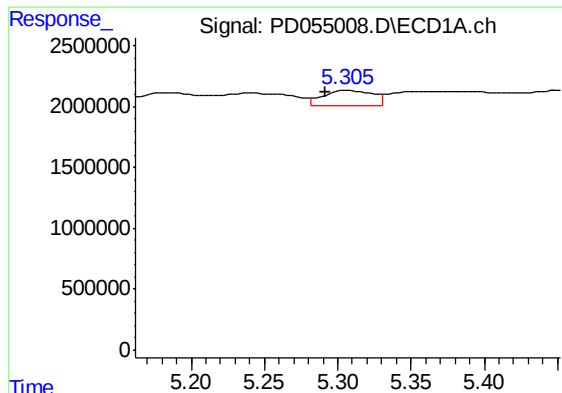
#8 Heptachlor epoxide

R.T.: 4.949 min  
Delta R.T.: -0.012 min  
Response: 737300  
Conc: 0.80 ng/ml



#8 Heptachlor epoxide

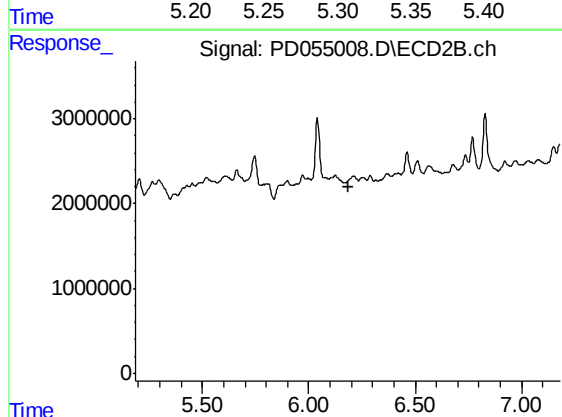
R.T.: 5.899 min  
Delta R.T.: 0.068 min  
Response: -629195  
Conc: N.D.



#9 Endosulfan I

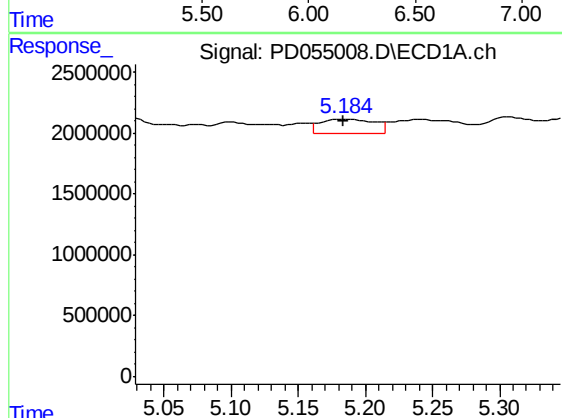
R.T.: 5.307 min  
Delta R.T.: 0.015 min  
Response: 2970026  
Conc: 3.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



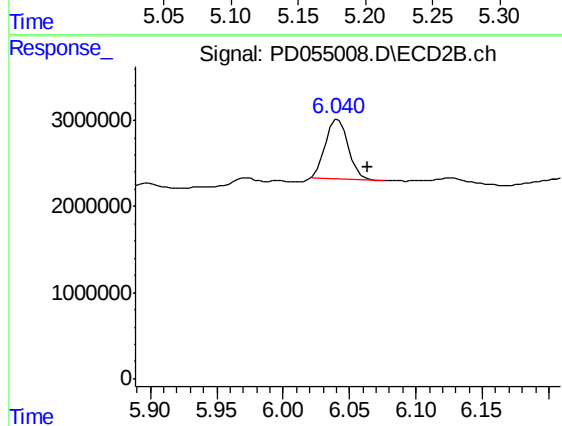
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.185 min  
Response: 0  
Conc: N.D.



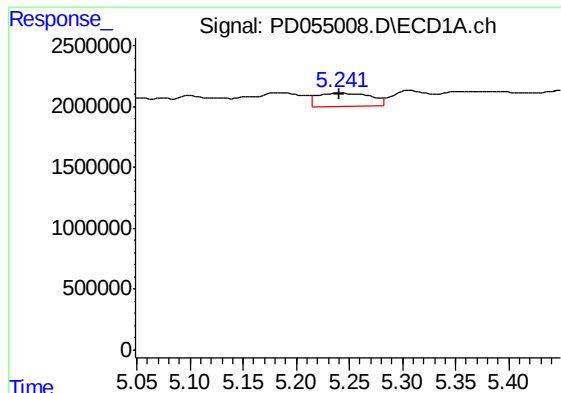
#10 trans-Chlordane

R.T.: 5.185 min  
Delta R.T.: 0.002 min  
Response: 3324251  
Conc: 3.52 ng/ml



#10 trans-Chlordane

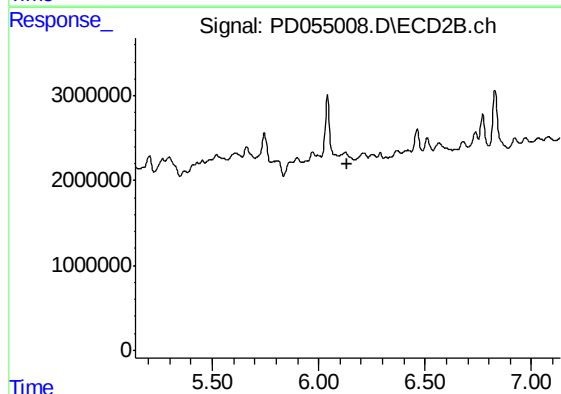
R.T.: 6.041 min  
Delta R.T.: -0.022 min  
Response: 8464283  
Conc: 6.24 ng/ml



#11 cis-Chlordane

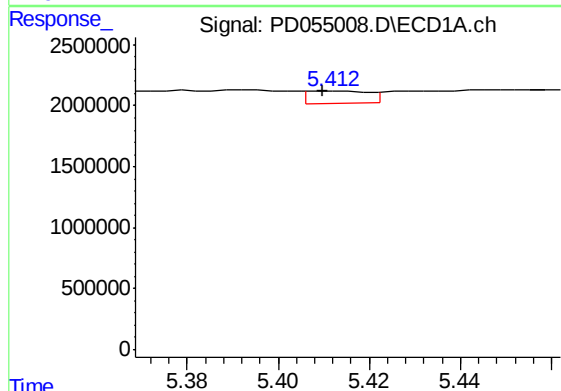
R.T.: 5.242 min  
Delta R.T.: 0.001 min  
Response: 3827586  
Conc: 4.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



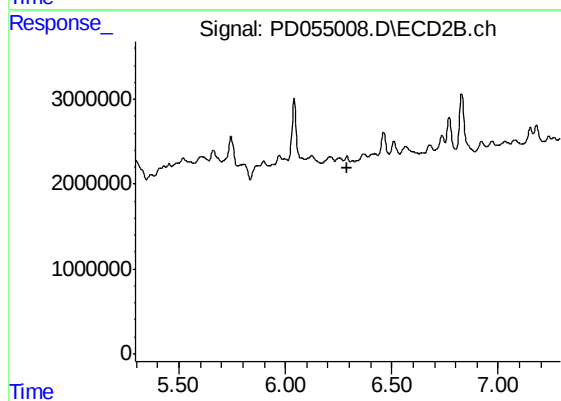
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.136 min  
Response: 0  
Conc: N.D.



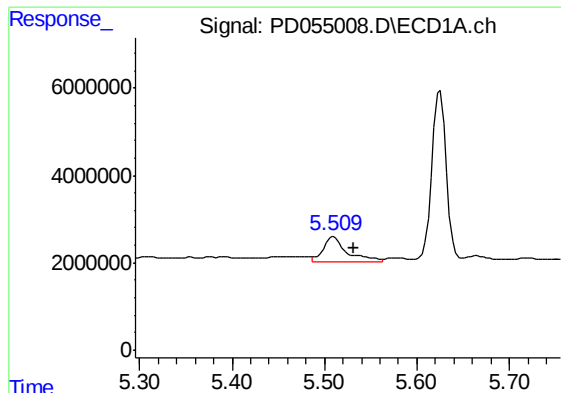
#12 4,4'-DDE

R.T.: 5.413 min  
Delta R.T.: 0.003 min  
Response: 929072  
Conc: 1.04 ng/ml



#12 4,4'-DDE

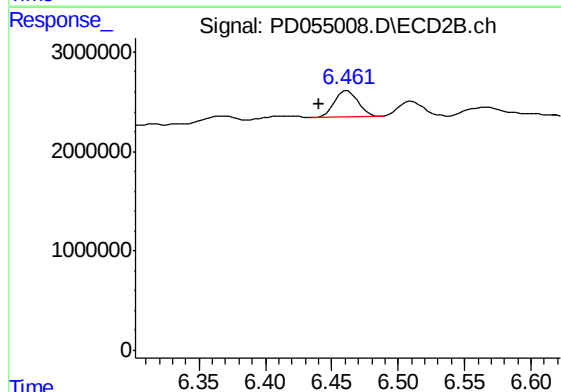
R.T.: 0.000 min  
Exp R.T. : 6.293 min  
Response: 0  
Conc: N.D.



#13 Dielddrin

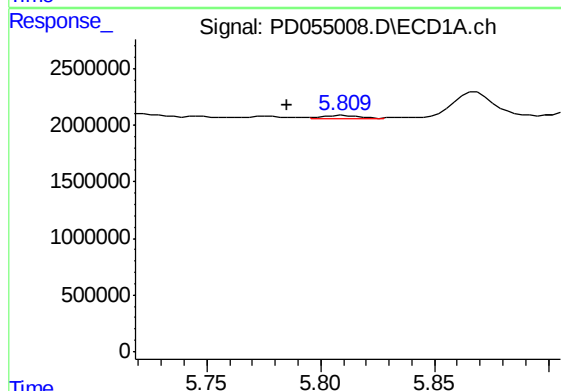
R.T.: 5.510 min  
Delta R.T.: -0.022 min  
Response: 10074509  
Conc: 10.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



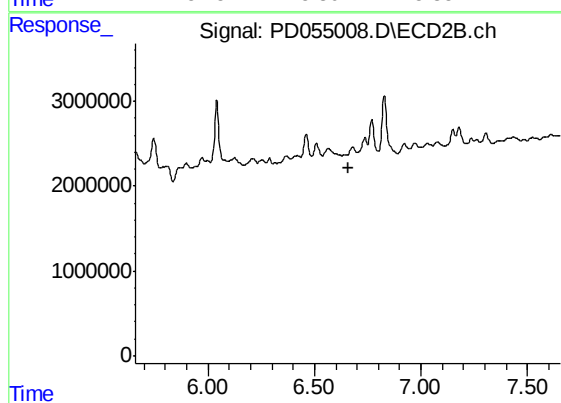
#13 Dielddrin

R.T.: 6.462 min  
Delta R.T.: 0.021 min  
Response: 3334976  
Conc: 2.39 ng/ml



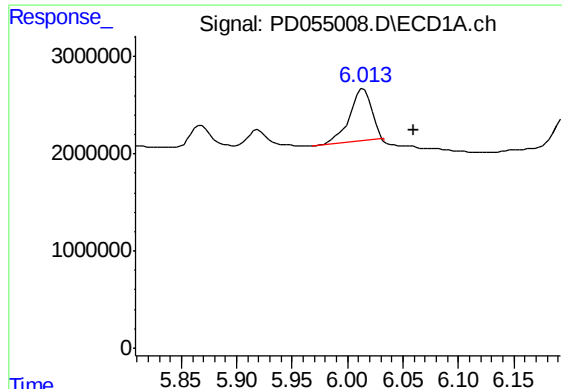
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: 0.026 min  
Response: 284264  
Conc: 0.34 ng/ml



#14 Endrin

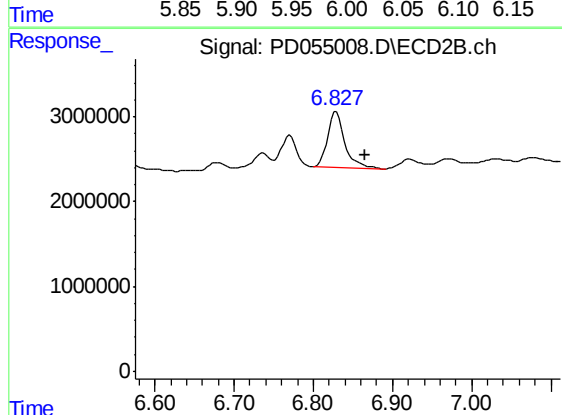
R.T.: 0.000 min  
Exp R.T.: 6.658 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

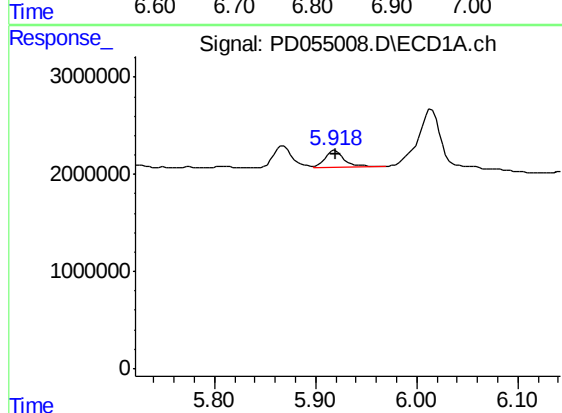
R.T.: 6.015 min  
Delta R.T.: -0.045 min  
Response: 7366112  
Conc: 8.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



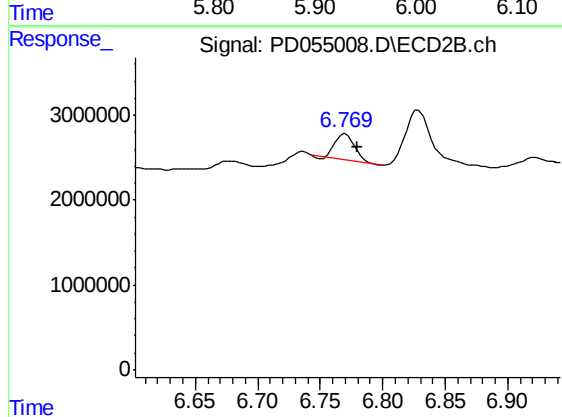
#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: -0.037 min  
Response: 10027524  
Conc: 7.89 ng/ml



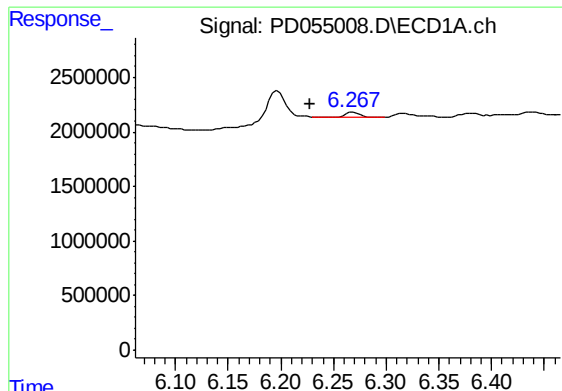
#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.001 min  
Response: 2294299  
Conc: 3.16 ng/ml



#16 4,4'-DDD

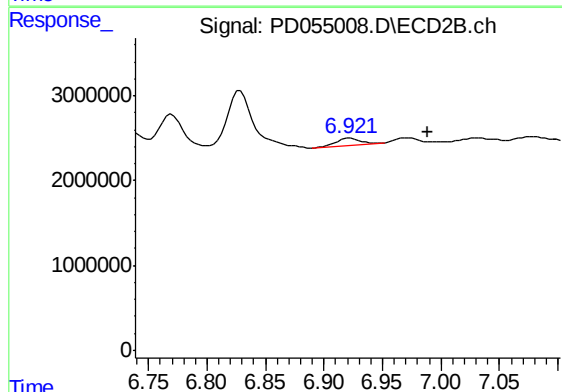
R.T.: 6.770 min  
Delta R.T.: -0.009 min  
Response: 3178772  
Conc: 2.93 ng/ml



#18 Endrin aldehyde

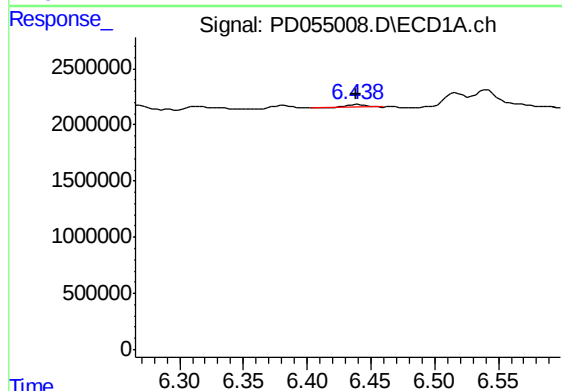
R.T.: 6.268 min  
Delta R.T.: 0.040 min  
Response: 346256  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



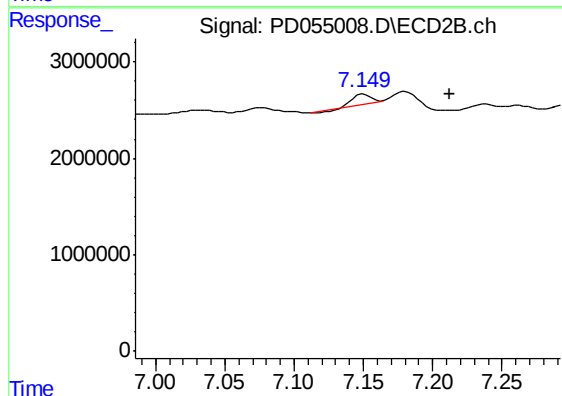
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: -0.067 min  
Response: 1101274  
Conc: 1.06 ng/ml



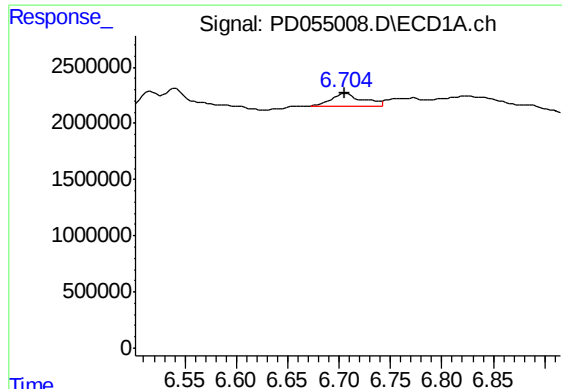
#19 Endosulfan Sulfate

R.T.: 6.439 min  
Delta R.T.: 0.000 min  
Response: 247246  
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

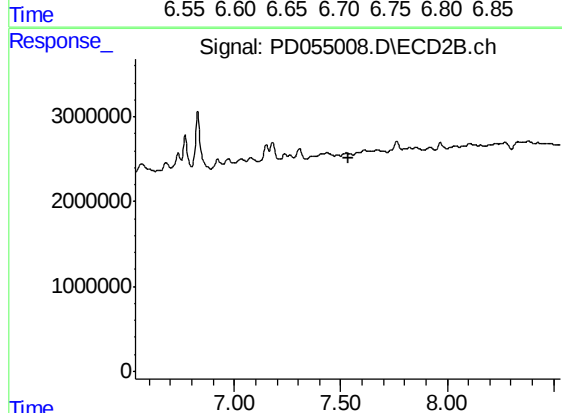
R.T.: 7.151 min  
Delta R.T.: -0.062 min  
Response: 816539  
Conc: 0.69 ng/ml



#20 Methoxychlor

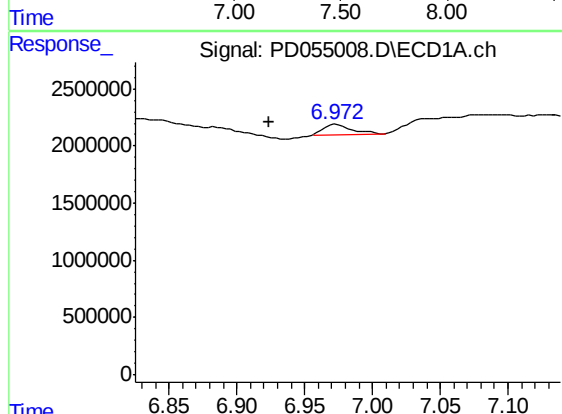
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 2438919  
Conc: 6.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



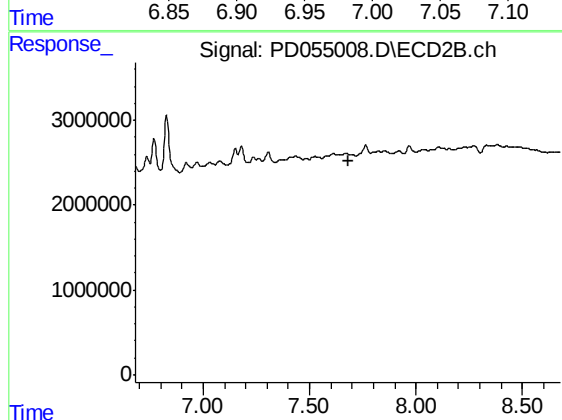
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.535 min  
Response: 0  
Conc: N.D.



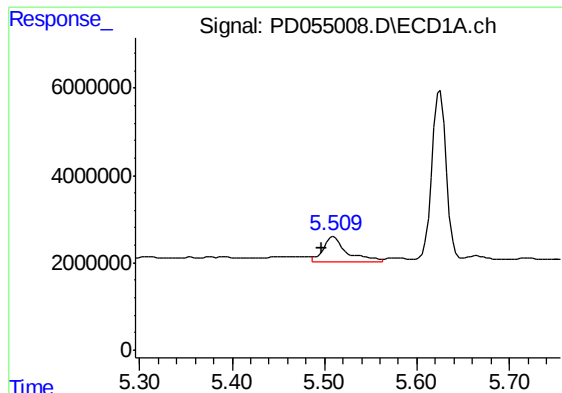
#21 Endrin ketone

R.T.: 6.974 min  
Delta R.T.: 0.050 min  
Response: 1265881  
Conc: 1.40 ng/ml



#21 Endrin ketone

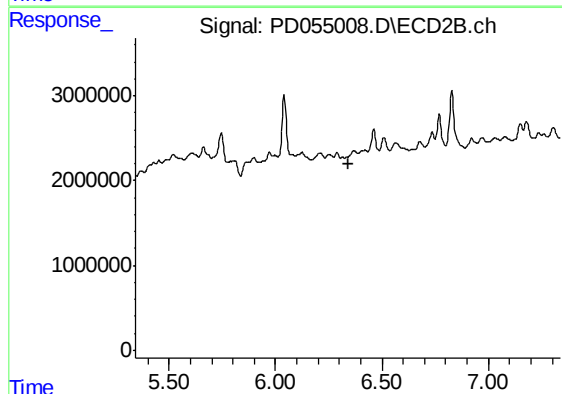
R.T.: 0.000 min  
Exp R.T. : 7.681 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

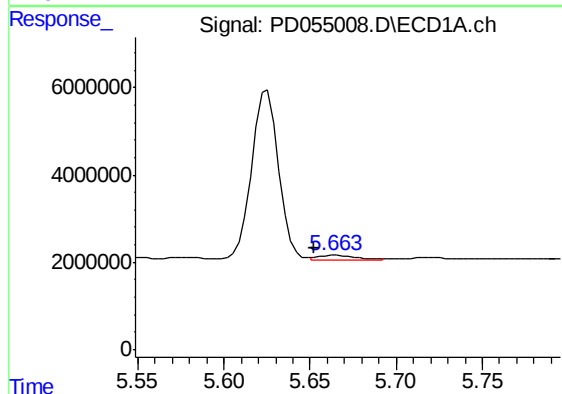
R.T.: 5.510 min  
Delta R.T.: 0.014 min  
Response: 10074509  
Conc: 1800.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



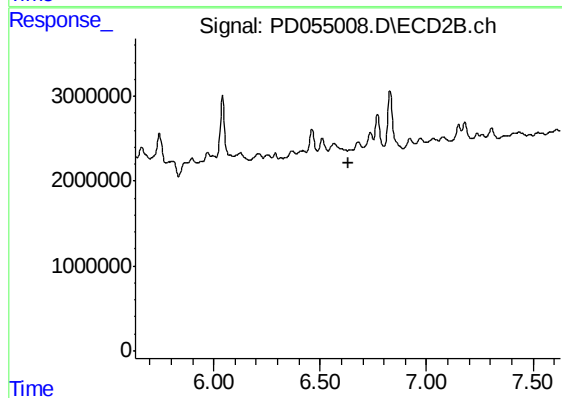
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 6.342 min  
Response: 0  
Conc: N.D.



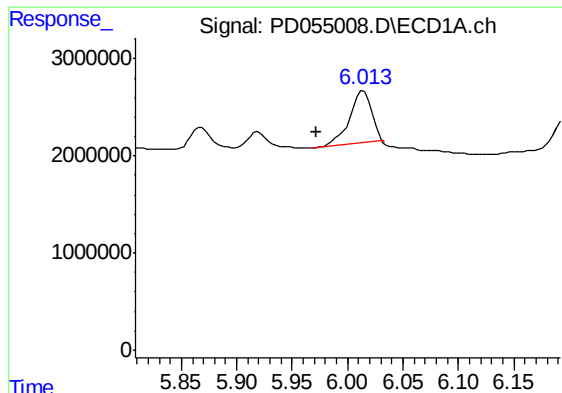
#23 Toxaphene-2

R.T.: 5.665 min  
Delta R.T.: 0.013 min  
Response: 1766635  
Conc: 304.82 ng/ml



#23 Toxaphene-2

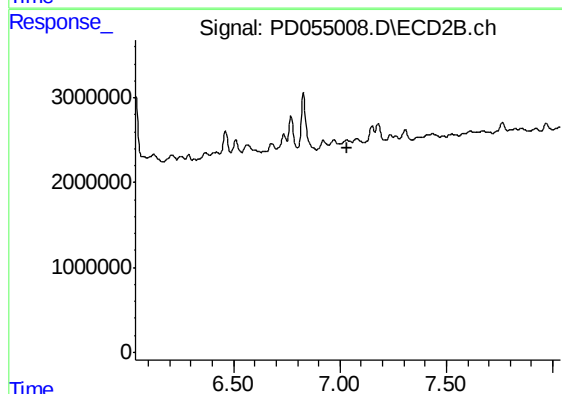
R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

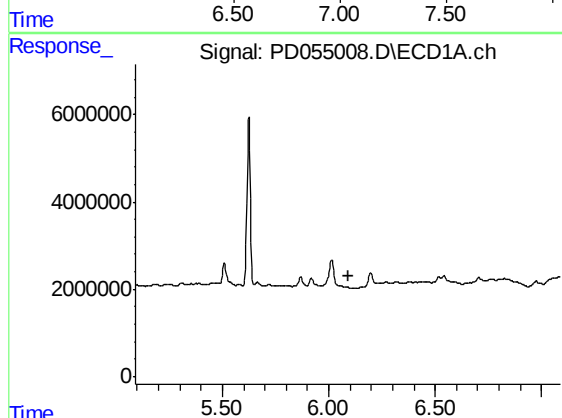
R.T.: 6.015 min  
Delta R.T.: 0.042 min  
Response: 7366112  
Conc: 1474.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



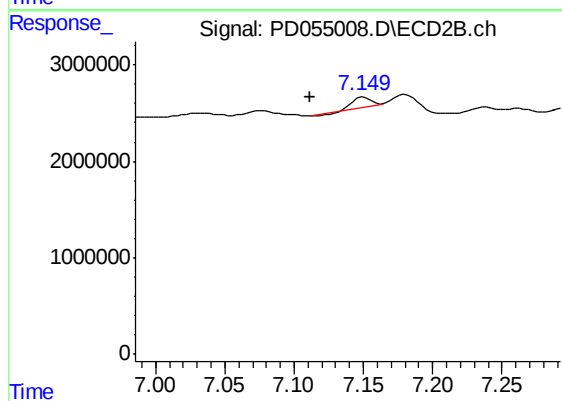
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 7.036 min  
Response: 0  
Conc: N.D.



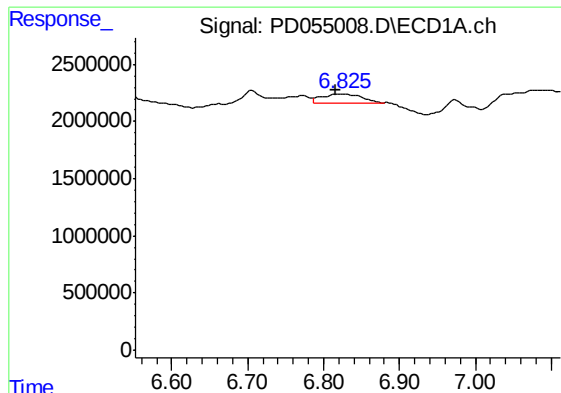
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.091 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

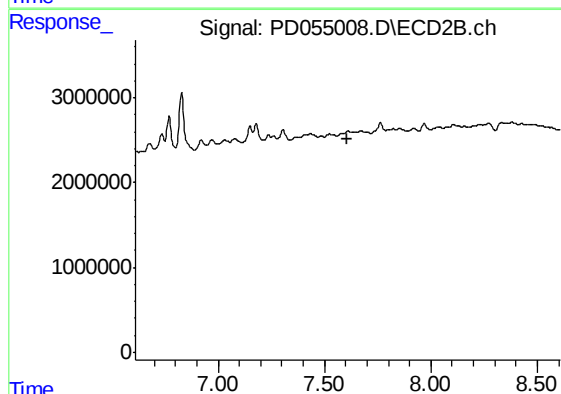
R.T.: 7.151 min  
Delta R.T.: 0.039 min  
Response: 816539  
Conc: 24.25 ng/ml



#26 Toxaphene-5

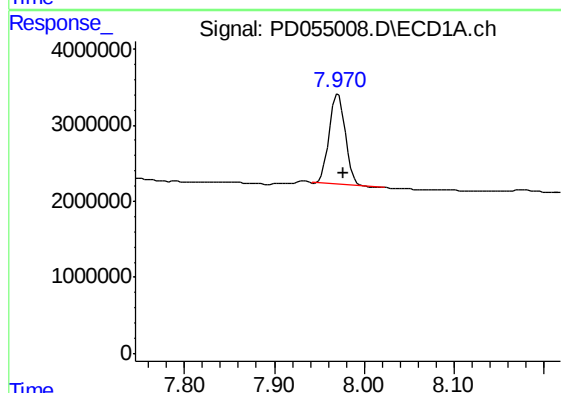
R.T.: 6.826 min  
Delta R.T.: 0.009 min  
Response: 2990728  
Conc: 161.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDJ6



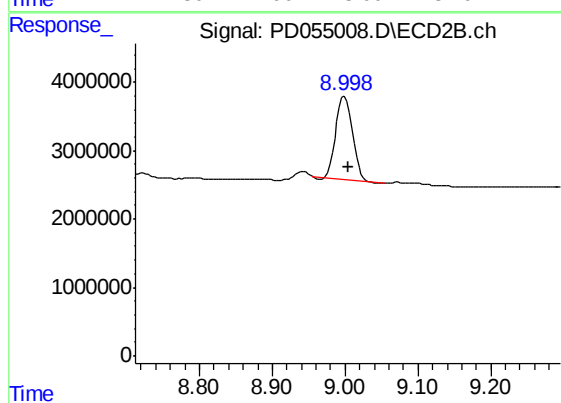
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.610 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.971 min  
Delta R.T.: -0.006 min  
Response: 14838111  
Conc: 17.61 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.999 min  
Delta R.T.: -0.005 min  
Response: 19015927  
Conc: 16.32 ng/ml