

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
 Data File : PD055093.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 18:52  
 Operator : SG\AJ  
 Sample : K5028-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFDL0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 01:39:33 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

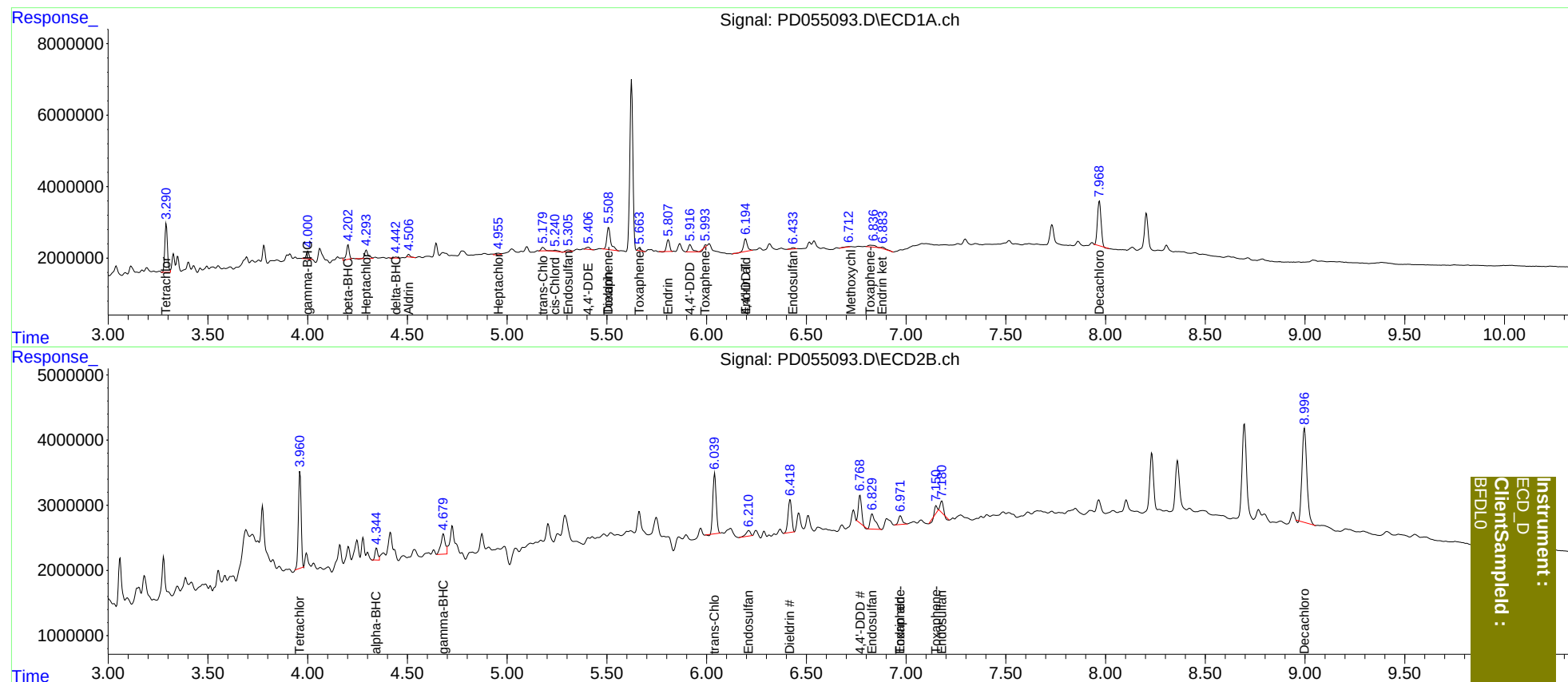
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.292  | 3.962  | 12396186 | 14219072 | 16.294   | 13.856    |
| 27)                         | SA Decachlor... | 7.969  | 8.997  | 15513903 | 24329262 | 18.412   | 20.882    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.723  | 4.346  | -738396  | 1740038  | N.D.     | 1.207     |
| 3)                          | MA gamma-BHC... | 4.001  | 4.681f | 2192847  | 4641457  | 2.045    | 3.315 #   |
| 4)                          | MA Heptachlor   | 4.294  | 0.000  | 2768417  | 0        | 2.993    | N.D. #    |
| 5)                          | MB Aldrin       | 4.507  | 0.000  | 641230   | 0        | 0.659    | N.D. #    |
| 6)                          | B beta-BHC      | 4.203f | 0.000  | 4207753  | 0        | 8.994    | N.D. #    |
| 9)                          | A Endosulfan I  | 5.307  | 6.212  | 794754   | 1320020  | 0.895    | 1.046     |
| 10)                         | B trans-Chl...  | 5.180  | 6.041  | 1194619  | 10745945 | 1.265    | 7.928 #   |
| 11)                         | B cis-Chlor...  | 5.241  | 0.000  | 640256   | 0        | 0.700    | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.408  | 0.000  | 810945   | 0        | 0.904    | N.D. #    |
| 13)                         | MA Dieldrin     | 5.509  | 6.419  | 8484882  | 6320987  | 8.620    | 4.530 #   |
| 14)                         | MA Endrin       | 5.808  | 0.000  | 3419476  | 0        | 4.113    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.013f | 6.830f | -517584  | 4216784  | N.D.     | 3.316     |
| 16)                         | A 4,4'-DDD      | 5.917  | 6.769  | 2748365  | 4730880  | 3.789    | 4.359     |
| 17)                         | MA 4,4'-DDT     | 6.196f | 0.000  | 4546101  | 0        | 6.821    | N.D. #    |
| 18)                         | B Endrin al...  | 6.196  | 6.972  | 4546101  | 1808411  | 6.250    | 1.745 #   |
| 19)                         | B Endosulfa...  | 6.435  | 7.179  | 466831   | 1783877  | 0.575    | 1.502 #   |
| 20)                         | A Methoxychlor  | 6.714  | 0.000  | 258176   | 0        | 0.728    | N.D. #    |
| 21)                         | B Endrin ke...  | 6.882f | 0.000  | 769378   | 0        | 0.852    | N.D. #    |
| 22)                         | Toxaphene-1     | 5.509  | 0.000  | 8484882  | 0        | 1516.715 | N.D. #    |
| 23)                         | Toxaphene-2     | 5.664  | 0.000  | 948441   | 0        | 163.649  | N.D. #    |
| 24)                         | Toxaphene-3     | 5.996  | 6.972  | 794      | 1808411  | 0.159    | 147.508 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.151  | 0        | 525559   | N.D.     | 15.606    |
| 26)                         | Toxaphene-5     | 6.821  | 0.000  | 1277574  | 0        | 69.065   | N.D. #    |
| -----                       |                 |        |        |          |          |          |           |

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

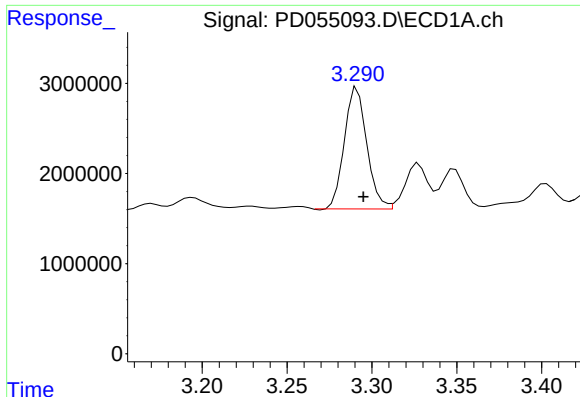
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
Data File : PD055093.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 18:52  
Operator : SG\AJ  
Sample : K5028-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 01:39:33 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



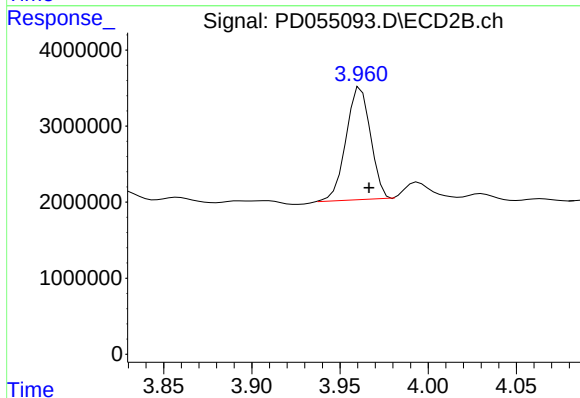
Instrument :  
ECD\_D  
ClientSampled :  
BFDLO



#1 Tetrachloro-m-xylene

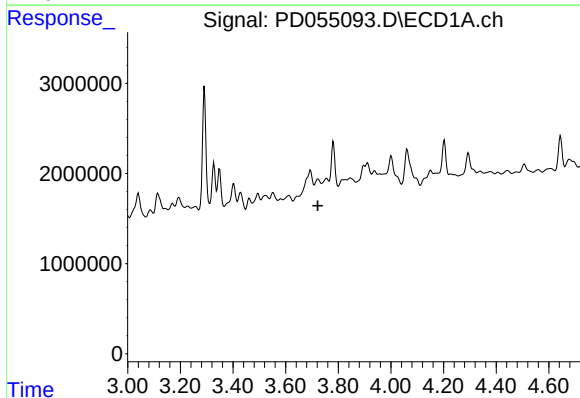
R.T.: 3.292 min  
Delta R.T.: -0.003 min  
Response: 12396186  
Conc: 16.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



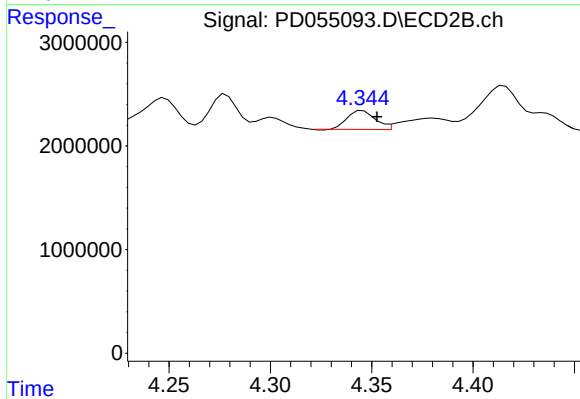
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: -0.005 min  
Response: 14219072  
Conc: 13.86 ng/ml



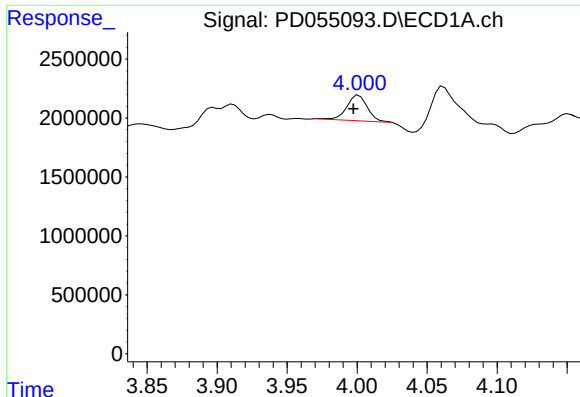
#2 alpha-BHC

R.T.: 3.723 min  
Delta R.T.: 0.001 min  
Response: -738396  
Conc: N.D.



#2 alpha-BHC

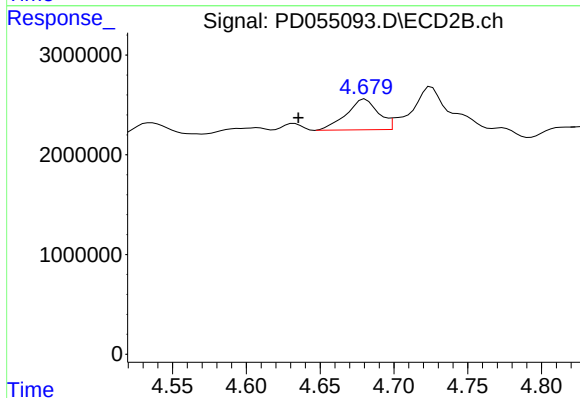
R.T.: 4.346 min  
Delta R.T.: -0.007 min  
Response: 1740038  
Conc: 1.21 ng/ml



#3 gamma-BHC (Lindane)

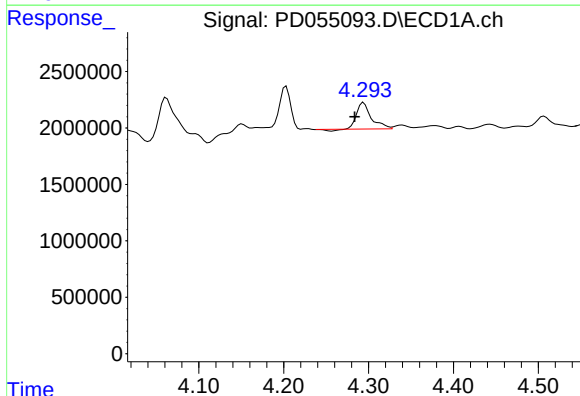
R.T.: 4.001 min  
Delta R.T.: 0.004 min  
Response: 2192847  
Conc: 2.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



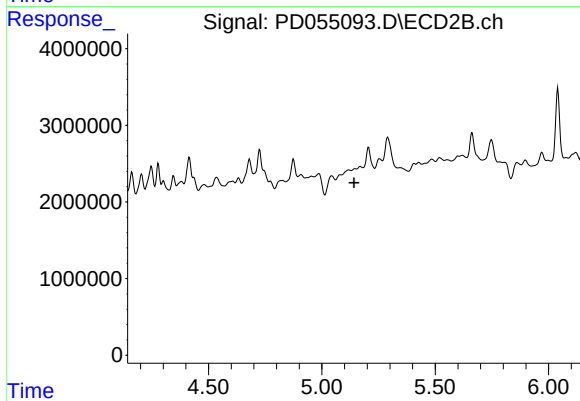
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: 0.045 min  
Response: 4641457  
Conc: 3.31 ng/ml



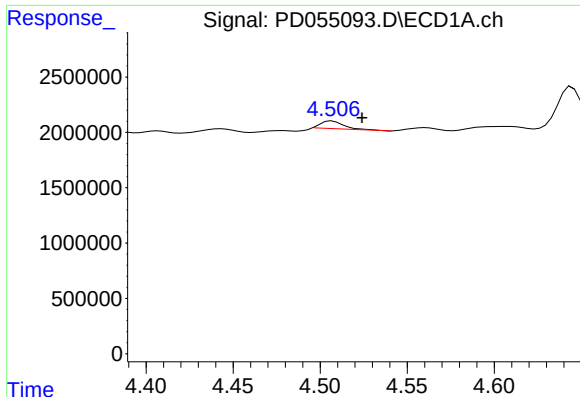
#4 Heptachlor

R.T.: 4.294 min  
Delta R.T.: 0.011 min  
Response: 2768417  
Conc: 2.99 ng/ml



#4 Heptachlor

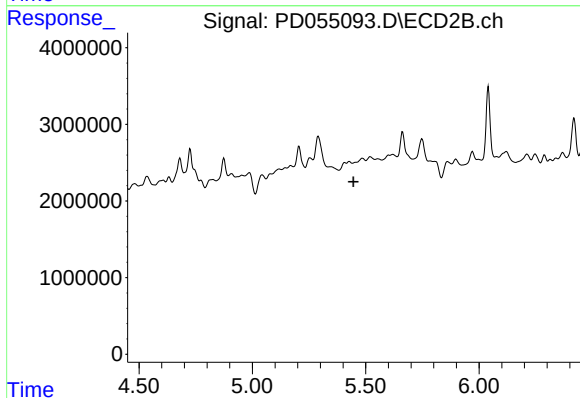
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.



#5 Aldrin

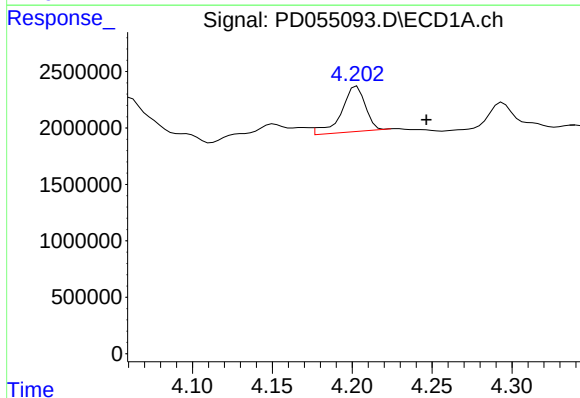
R.T.: 4.507 min  
Delta R.T.: -0.017 min  
Response: 641230  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



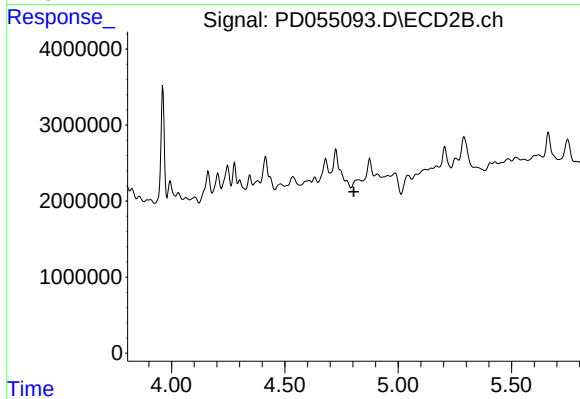
#5 Aldrin

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



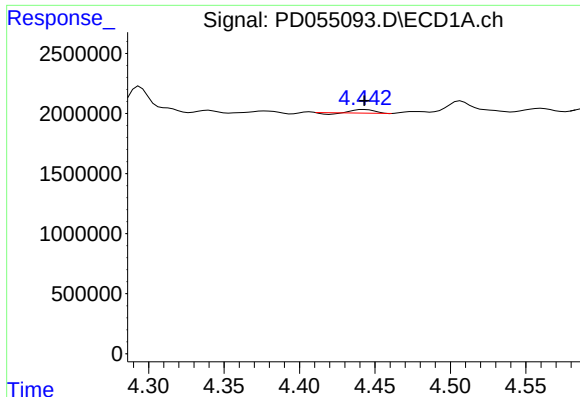
#6 beta-BHC

R.T.: 4.203 min  
Delta R.T.: -0.043 min  
Response: 4207753  
Conc: 8.99 ng/ml



#6 beta-BHC

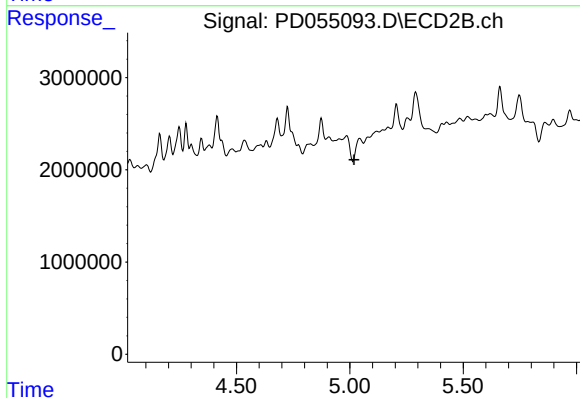
R.T.: 0.000 min  
Exp R.T. : 4.804 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

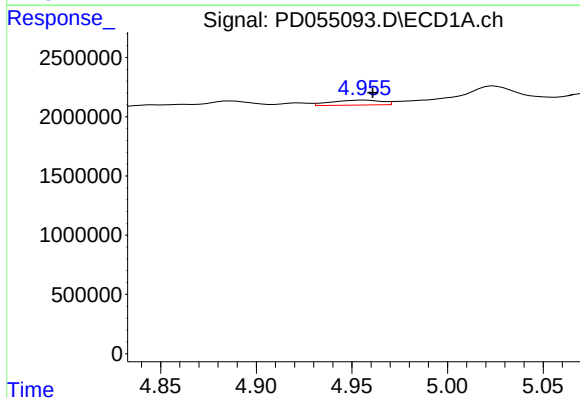
R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 263338  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



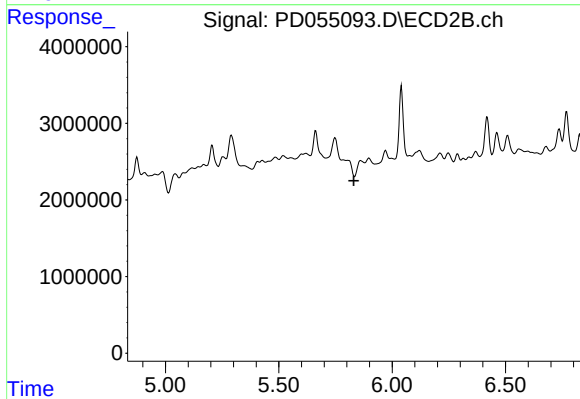
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: 0.024 min  
Response: -1968904  
Conc: N.D.



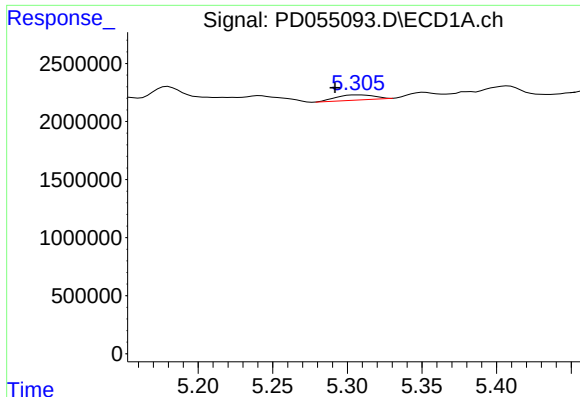
#8 Heptachlor epoxide

R.T.: 4.956 min  
Delta R.T.: -0.005 min  
Response: 755937  
Conc: 0.82 ng/ml



#8 Heptachlor epoxide

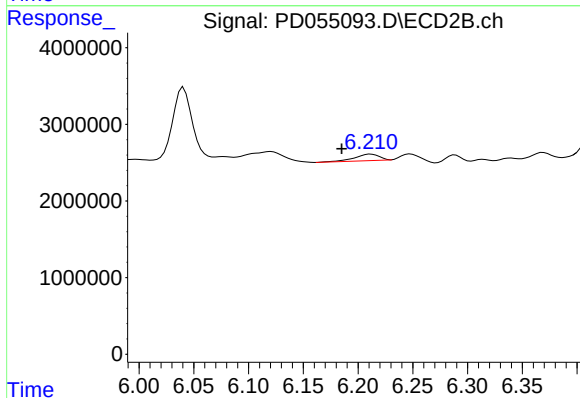
R.T.: 5.861 min  
Delta R.T.: 0.031 min  
Response: -2010370  
Conc: N.D.



#9 Endosulfan I

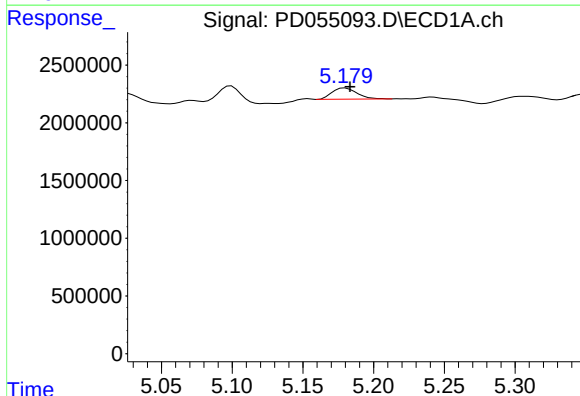
R.T.: 5.307 min  
Delta R.T.: 0.015 min  
Response: 794754  
Conc: 0.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



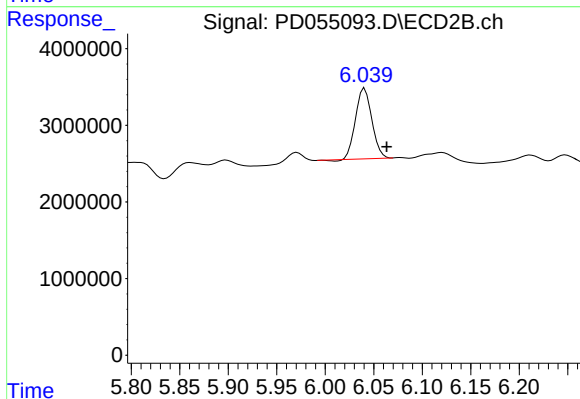
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.027 min  
Response: 1320020  
Conc: 1.05 ng/ml



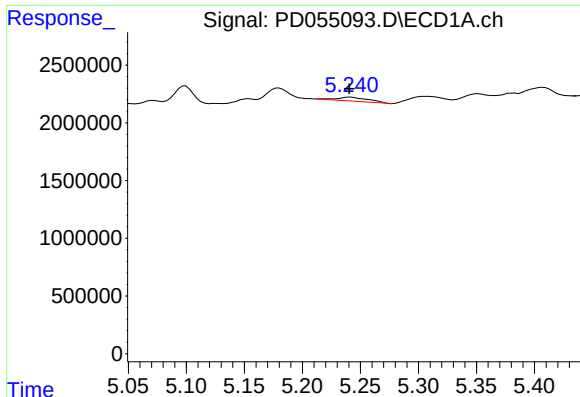
#10 trans-Chlordane

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 1194619  
Conc: 1.26 ng/ml



#10 trans-Chlordane

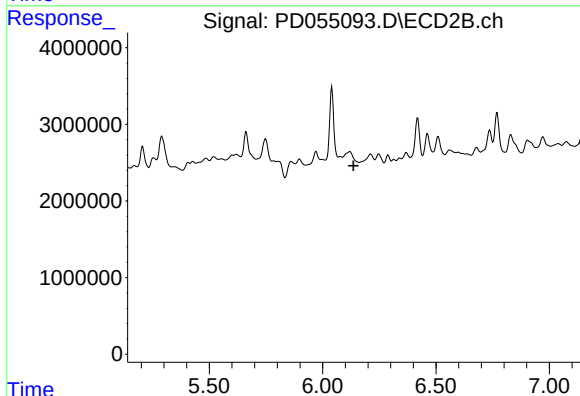
R.T.: 6.041 min  
Delta R.T.: -0.023 min  
Response: 10745945  
Conc: 7.93 ng/ml



#11 cis-Chlordane

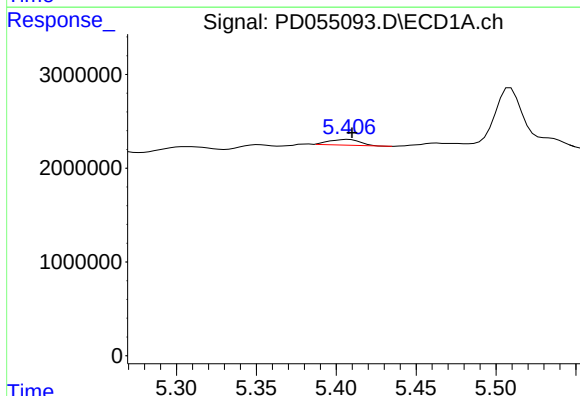
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 640256  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



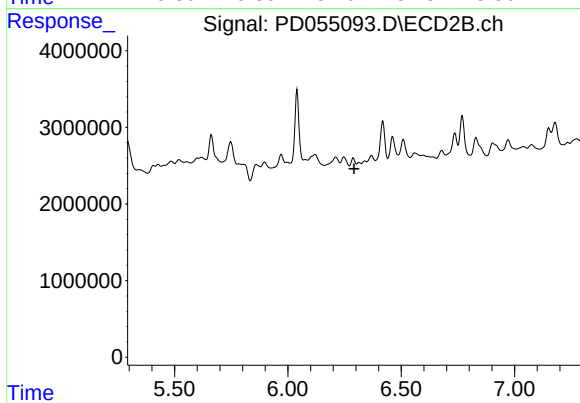
#11 cis-Chlordane

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



#12 4,4'-DDE

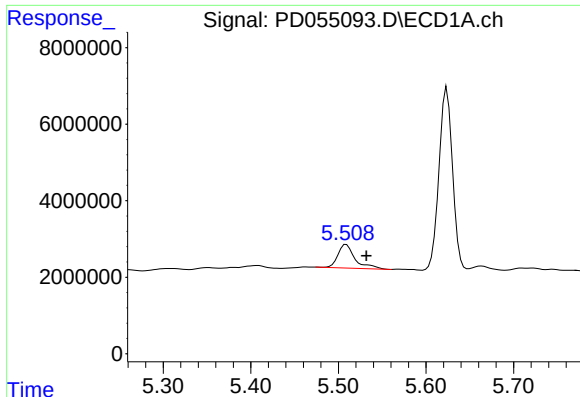
R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 810945  
Conc: 0.90 ng/ml



#12 4,4'-DDE

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

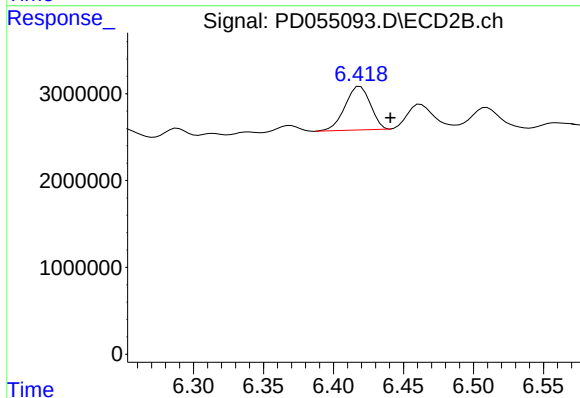




#13 Dieldrin

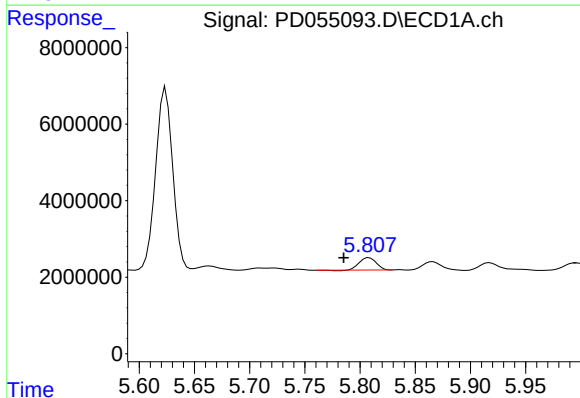
R.T.: 5.509 min  
Delta R.T.: -0.023 min  
Response: 8484882  
Conc: 8.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



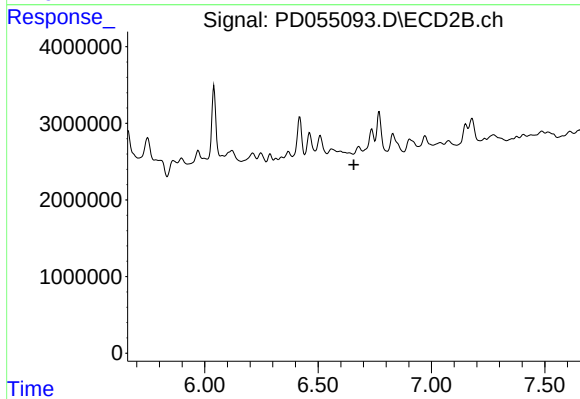
#13 Dieldrin

R.T.: 6.419 min  
Delta R.T.: -0.022 min  
Response: 6320987  
Conc: 4.53 ng/ml



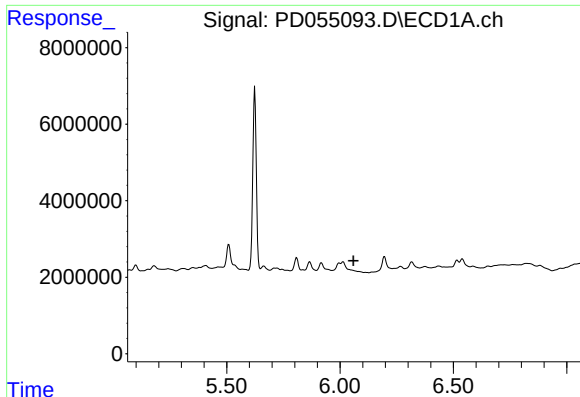
#14 Endrin

R.T.: 5.808 min  
Delta R.T.: 0.023 min  
Response: 3419476  
Conc: 4.11 ng/ml



#14 Endrin

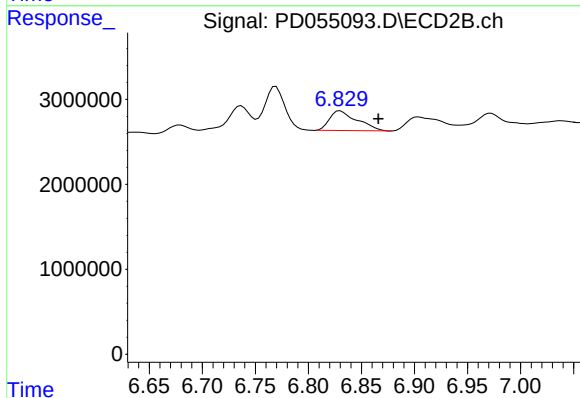
R.T.: 0.000 min  
Exp R.T.: 6.658 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

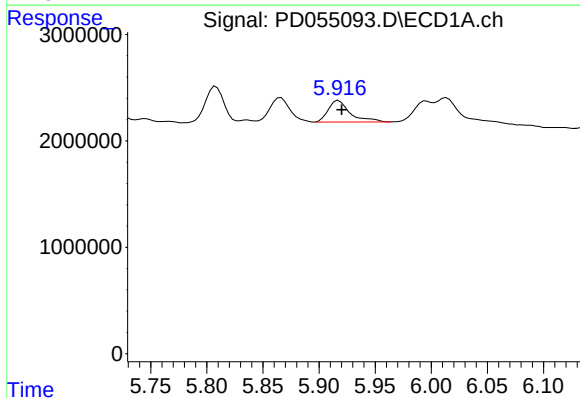
R.T.: 6.013 min  
Delta R.T.: -0.046 min  
Response: -517584  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



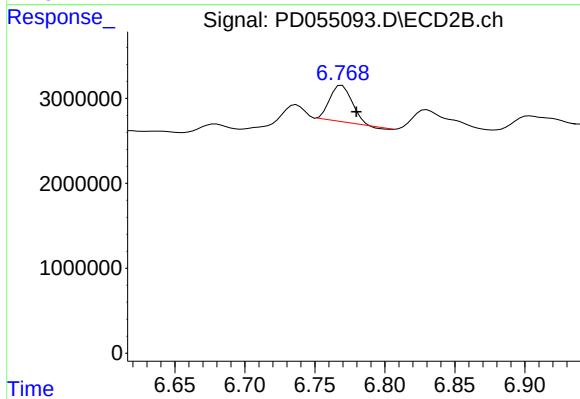
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.036 min  
Response: 4216784  
Conc: 3.32 ng/ml



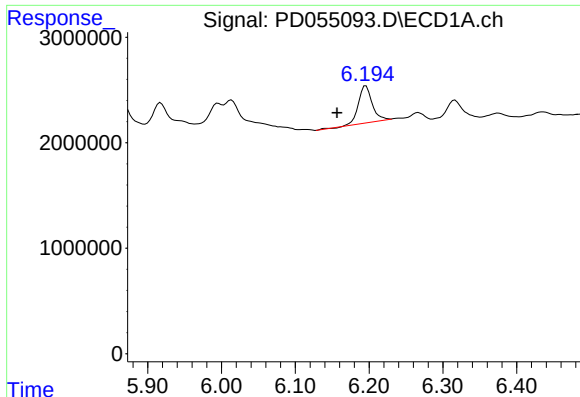
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.003 min  
Response: 2748365  
Conc: 3.79 ng/ml



#16 4,4'-DDD

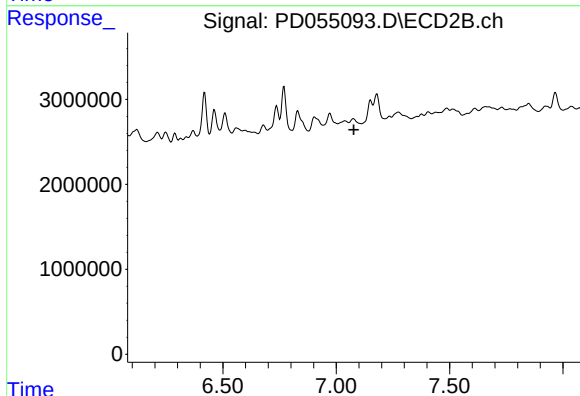
R.T.: 6.769 min  
Delta R.T.: -0.010 min  
Response: 4730880  
Conc: 4.36 ng/ml



#17 4,4'-DDT

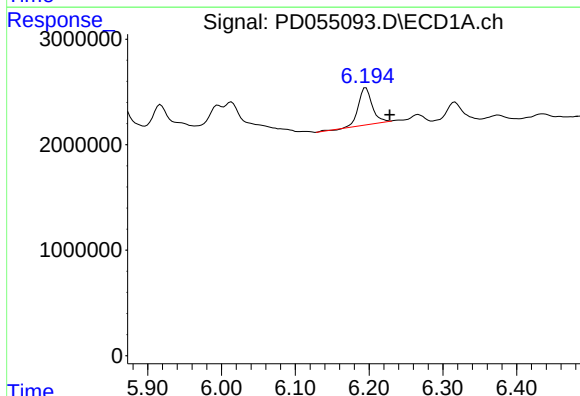
R.T.: 6.196 min  
Delta R.T.: 0.039 min  
Response: 4546101  
Conc: 6.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



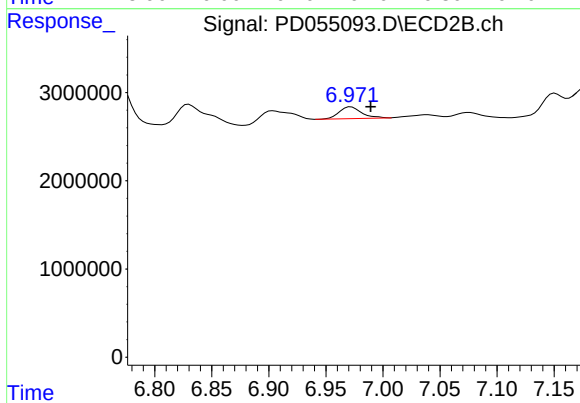
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



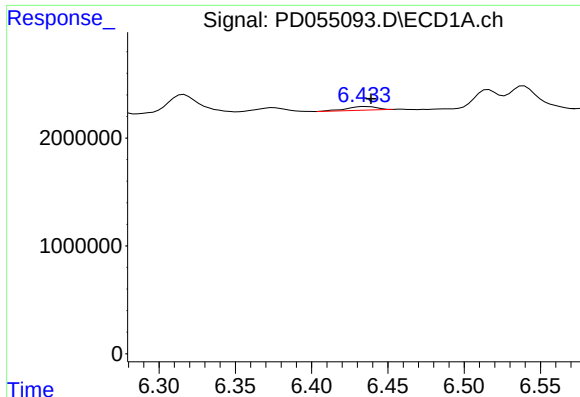
#18 Endrin aldehyde

R.T.: 6.196 min  
Delta R.T.: -0.032 min  
Response: 4546101  
Conc: 6.25 ng/ml



#18 Endrin aldehyde

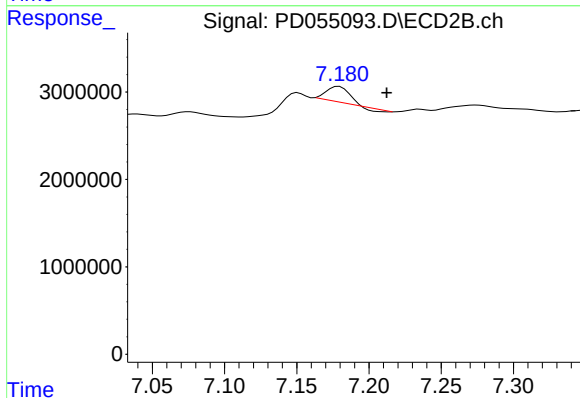
R.T.: 6.972 min  
Delta R.T.: -0.017 min  
Response: 1808411  
Conc: 1.74 ng/ml



#19 Endosulfan Sulfate

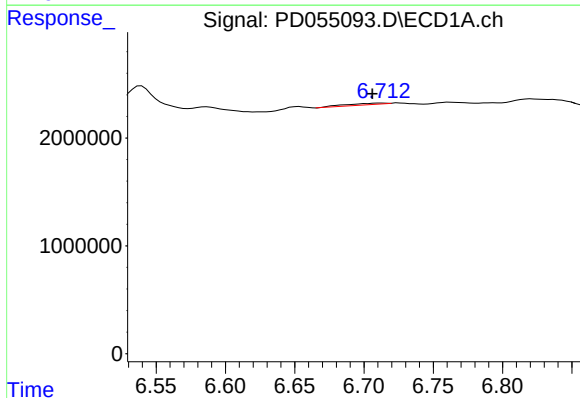
R.T.: 6.435 min  
Delta R.T.: -0.004 min  
Response: 466831  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



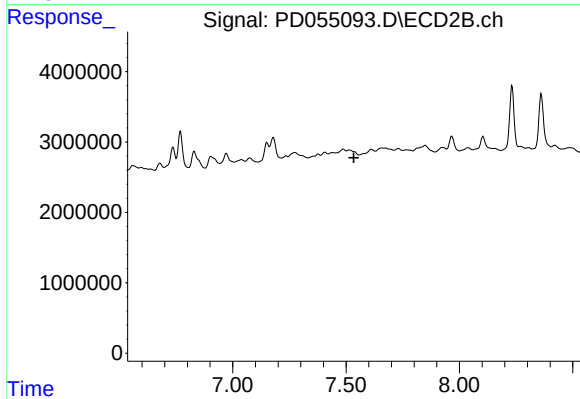
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: -0.033 min  
Response: 1783877  
Conc: 1.50 ng/ml



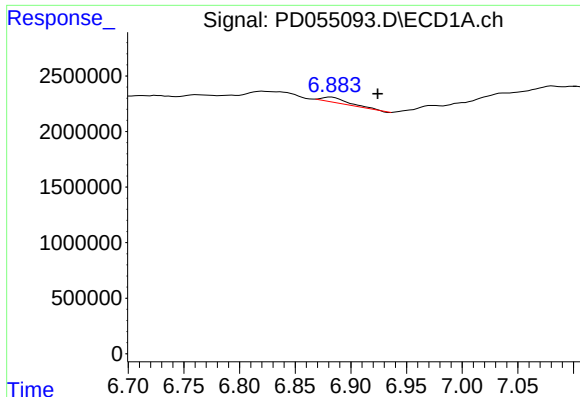
#20 Methoxychlor

R.T.: 6.714 min  
Delta R.T.: 0.008 min  
Response: 258176  
Conc: 0.73 ng/ml



#20 Methoxychlor

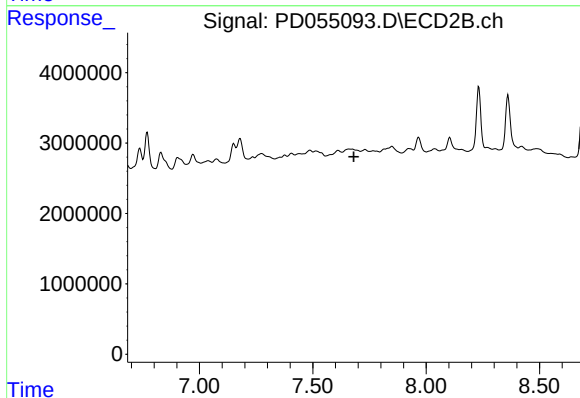
R.T.: 0.000 min  
Exp R.T.: 7.535 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

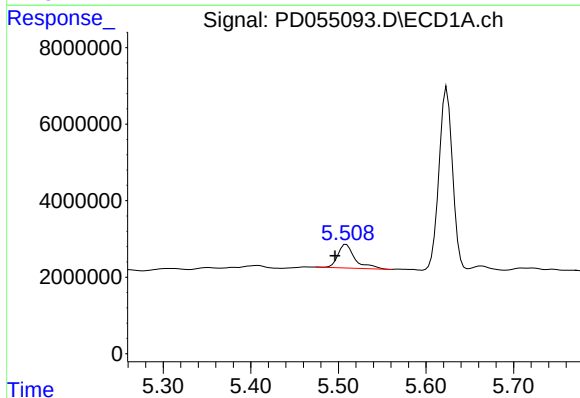
R.T.: 6.882 min  
Delta R.T.: -0.042 min  
Response: 769378  
Conc: 0.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



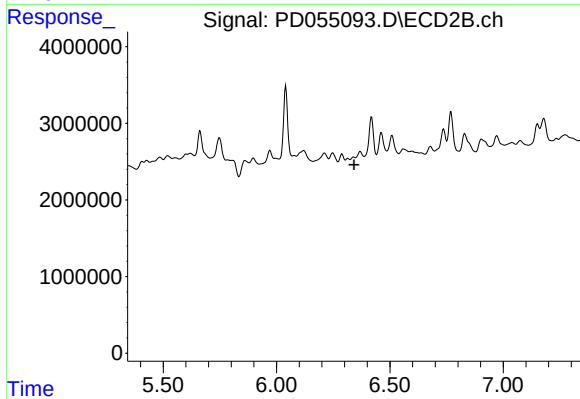
#21 Endrin ketone

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



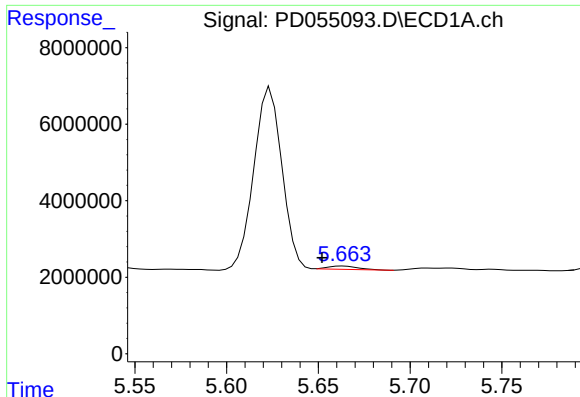
#22 Toxaphene-1

R.T.: 5.509 min  
Delta R.T.: 0.013 min  
Response: 8484882  
Conc: 1516.72 ng/ml



#22 Toxaphene-1

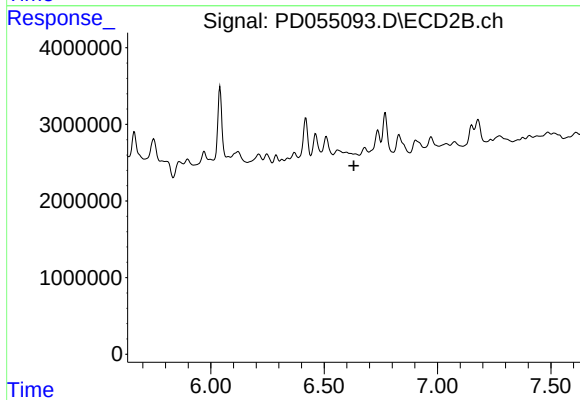
R.T.: 0.000 min  
Exp R.T. : 6.342 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

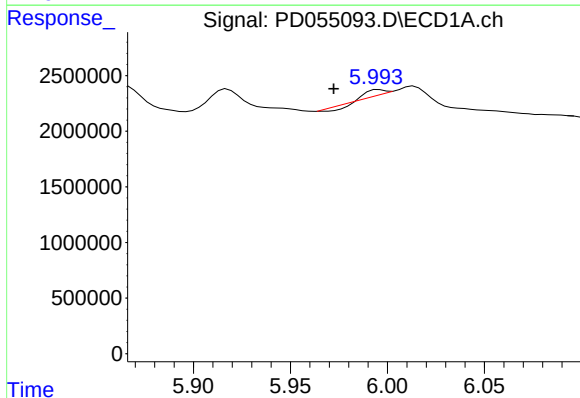
R.T.: 5.664 min  
Delta R.T.: 0.011 min  
Response: 948441  
Conc: 163.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



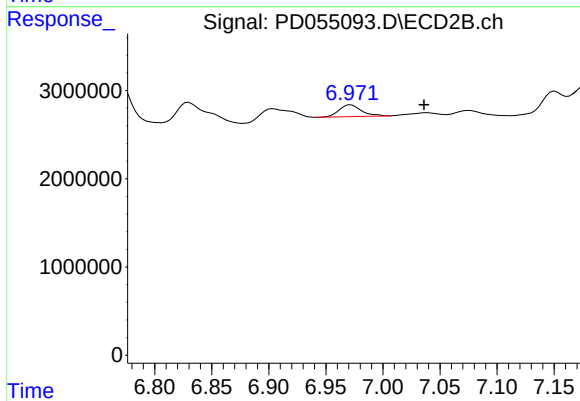
#23 Toxaphene-2

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



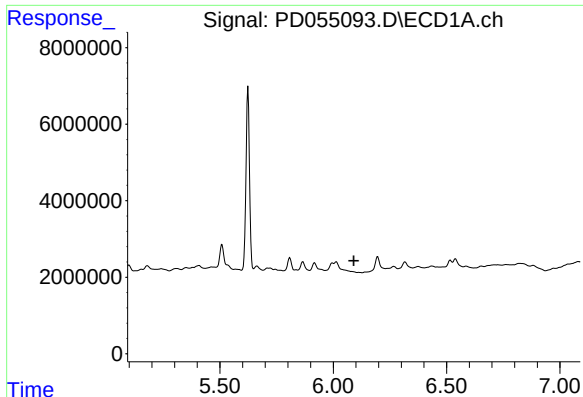
#24 Toxaphene-3

R.T.: 5.996 min  
Delta R.T.: 0.023 min  
Response: 794  
Conc: 0.16 ng/ml



#24 Toxaphene-3

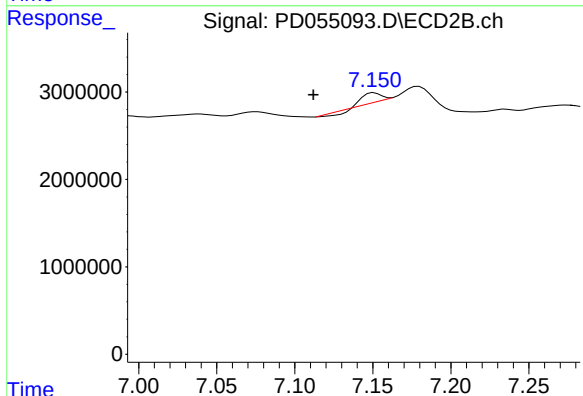
R.T.: 6.972 min  
Delta R.T.: -0.064 min  
Response: 1808411  
Conc: 147.51 ng/ml



#25 Toxaphene-4

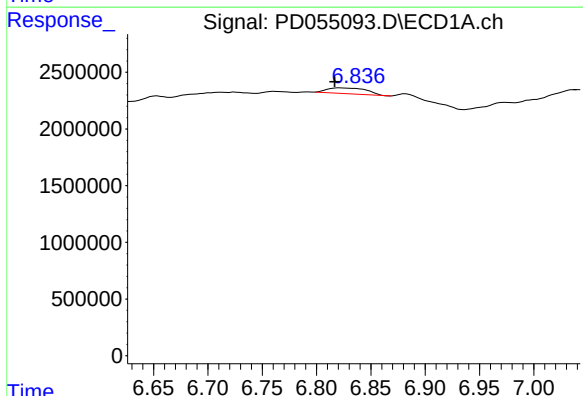
R.T.: 0.000 min  
Exp R.T.: 6.091 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



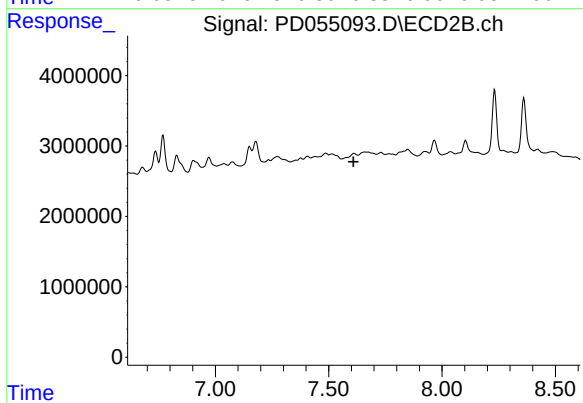
#25 Toxaphene-4

R.T.: 7.151 min  
Delta R.T.: 0.039 min  
Response: 525559  
Conc: 15.61 ng/ml



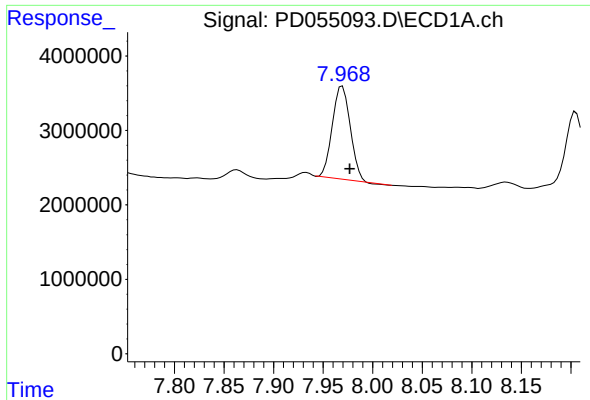
#26 Toxaphene-5

R.T.: 6.821 min  
Delta R.T.: 0.005 min  
Response: 1277574  
Conc: 69.07 ng/ml



#26 Toxaphene-5

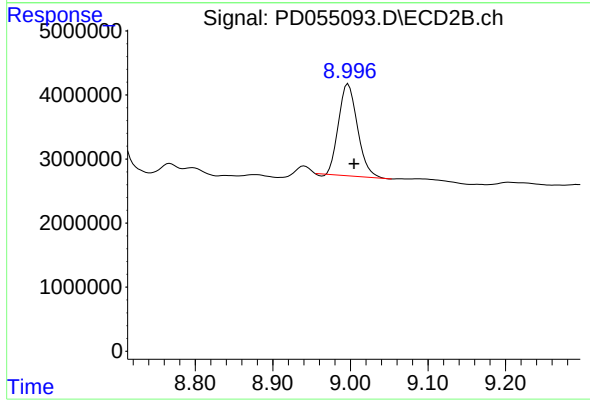
R.T.: 0.000 min  
Exp R.T.: 7.610 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.969 min  
Delta R.T.: -0.008 min  
Response: 15513903  
Conc: 18.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL0



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: -0.007 min  
Response: 24329262  
Conc: 20.88 ng/ml