

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100118\  
 Data File : PD049539.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Oct 2018 13:39  
 Operator : AJ\SJ  
 Sample : J5040-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 08:08:27 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092818CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 29 02:14:07 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

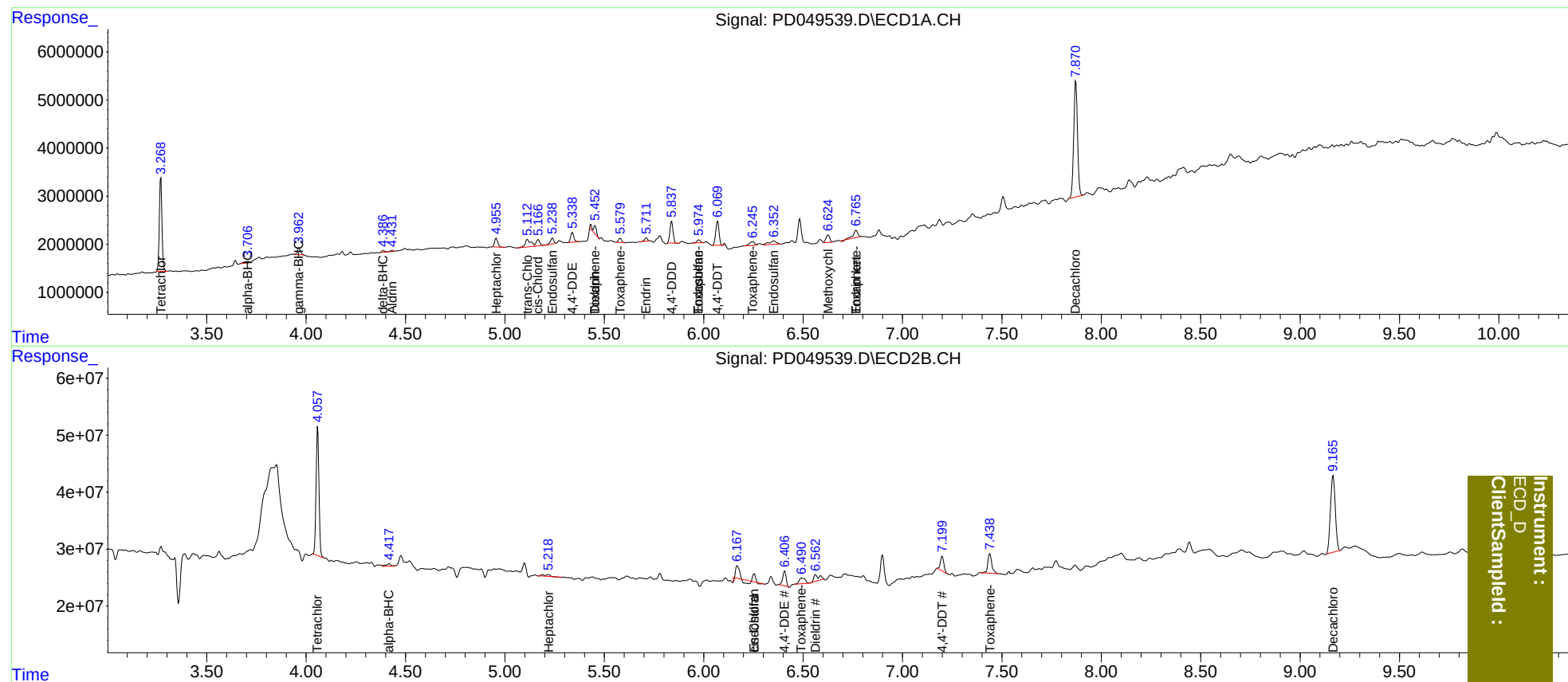
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.269  | 4.058  | 17791539 | 223.5E6  | 20.443  | 18.783     |
| 27)                         | SA Decachlor... | 7.872  | 9.166  | 31566387 | 227.8E6  | 40.400  | 43.148     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.708  | 4.419f | 523800   | 7055268  | 0.431   | 0.426      |
| 3)                          | MA gamma-BHC... | 3.964  | 0.000  | 1511338  | 0        | 1.261   | N.D. #     |
| 4)                          | MA Heptachlor   | 4.223  | 5.219f | -105404  | 4923702  | N.D.    | 0.340      |
| 5)                          | MB Aldrin       | 4.432f | 0.000  | 199323   | 0        | 0.164   | N.D. #     |
| 7)                          | B delta-BHC     | 4.387  | 0.000  | 378758   | 0        | 0.338   | N.D. #     |
| 8)                          | B Heptachlo...  | 4.956f | 0.000  | 2122737  | 0        | 1.823   | N.D. #     |
| 9)                          | A Endosulfan I  | 5.239  | 6.254f | 1471681  | 7367479  | 1.333   | 0.675 #    |
| 10)                         | B trans-Chl...  | 5.113  | 0.000  | 3163768  | 0        | 2.722   | N.D. #     |
| 11)                         | B cis-Chlor...  | 5.168  | 6.254  | 1770985  | 7367479  | 1.563   | 0.647 #    |
| 12)                         | B 4,4'-DDE      | 5.339  | 6.407  | 2259163  | 31098063 | 2.347   | 3.214 #    |
| 13)                         | MA Dieldrin     | 5.454  | 6.564  | 2320723  | 24161237 | 1.936   | 2.119      |
| 14)                         | MA Endrin       | 5.712  | 0.000  | 735156   | 0        | 0.765   | N.D. #     |
| 15)                         | B Endosulfa...  | 5.975  | 0.000  | 755007   | 0        | 0.715   | N.D. #     |
| 16)                         | A 4,4'-DDD      | 5.839  | 0.000  | 4869015  | 0        | 6.278   | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 6.070  | 7.200  | 5967469  | 28868110 | 7.868   | 6.096      |
| 19)                         | B Endosulfa...  | 6.353  | 0.000  | 1898952  | 0        | 2.016   | N.D. #     |
| 20)                         | A Methoxychlor  | 6.626  | 0.000  | 2035315  | 0        | 4.928   | N.D. #     |
| 21)                         | B Endrin ke...  | 6.767f | 7.868f | 2472644  | -1355411 | 2.587   | N.D. #     |
| 22)                         | Toxaphene-1     | 5.454  | 6.496  | 2320723  | 21445886 | 418.835 | 418.098    |
| 23)                         | Toxaphene-2     | 5.580  | 0.000  | 922910   | 0        | 130.514 | N.D. #     |
| 24)                         | Toxaphene-3     | 5.975  | 0.000  | 755007   | 0        | 41.144  | N.D. #     |
| 25)                         | Toxaphene-4     | 6.245  | 7.440  | 1437138  | 46810289 | 78.090  | 1213.636 # |
| 26)                         | Toxaphene-5     | 6.767  | 0.000  | 2472644  | 0        | 123.031 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

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

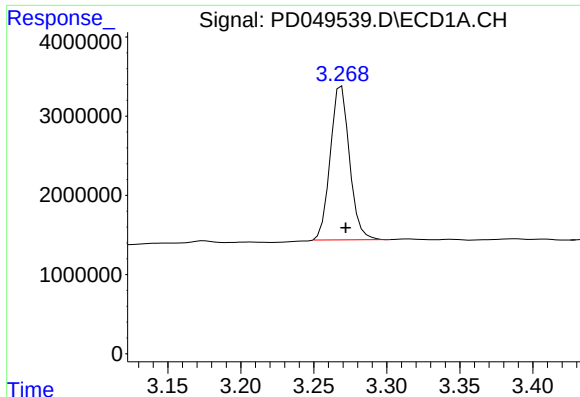
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100118\  
Data File : PD049539.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Oct 2018 13:39  
Operator : AJ\SJ  
Sample : J5040-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 08:08:27 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092818CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 29 02:14:07 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



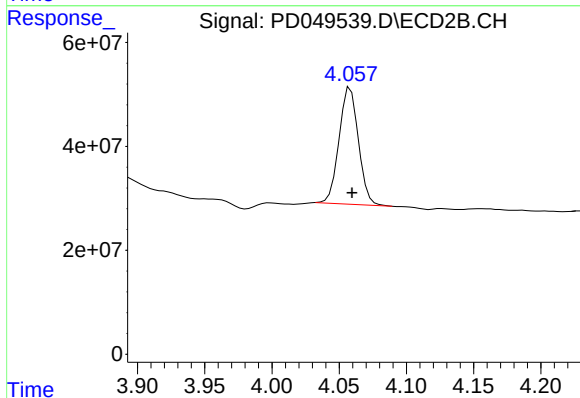
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

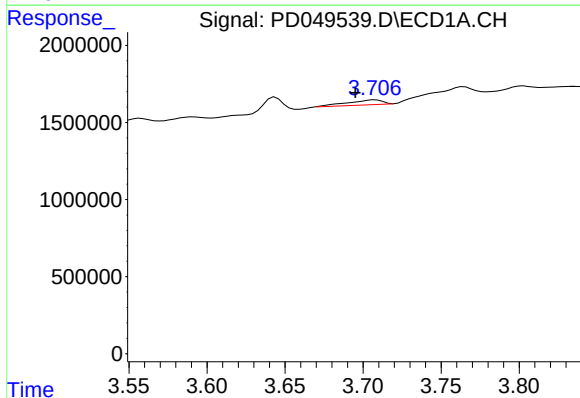
R.T.: 3.269 min  
Delta R.T.: -0.003 min  
Response: 17791539  
Conc: 20.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



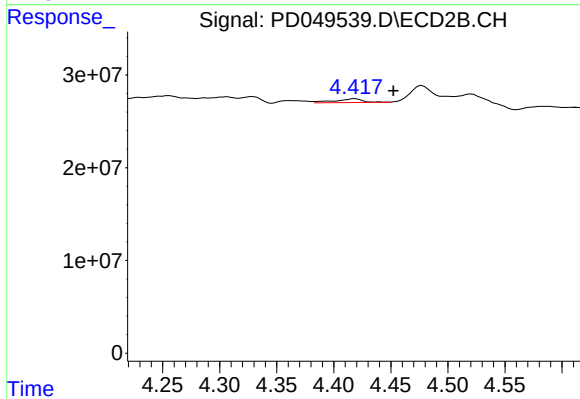
#1 Tetrachloro-m-xylene

R.T.: 4.058 min  
Delta R.T.: -0.001 min  
Response: 223521482  
Conc: 18.78 ng/ml



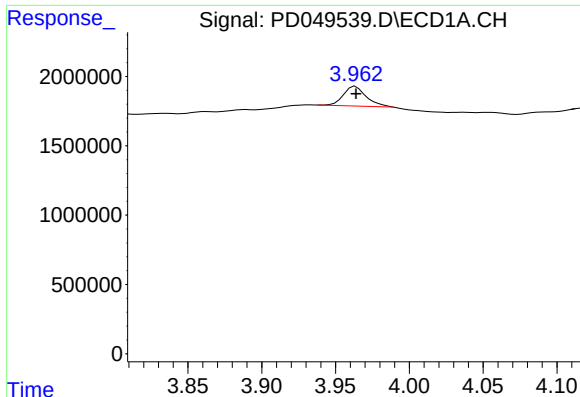
#2 alpha-BHC

R.T.: 3.708 min  
Delta R.T.: 0.012 min  
Response: 523800  
Conc: 0.43 ng/ml



#2 alpha-BHC

R.T.: 4.419 min  
Delta R.T.: -0.034 min  
Response: 7055268  
Conc: 0.43 ng/ml



#3 gamma-BHC (Lindane)

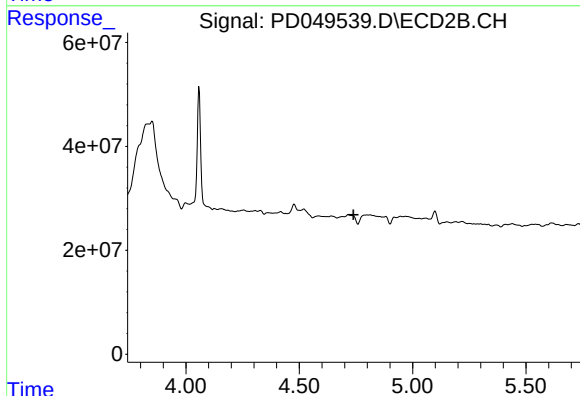
R.T.: 3.964 min

Delta R.T.: 0.000 min

Response: 1511338

Conc: 1.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



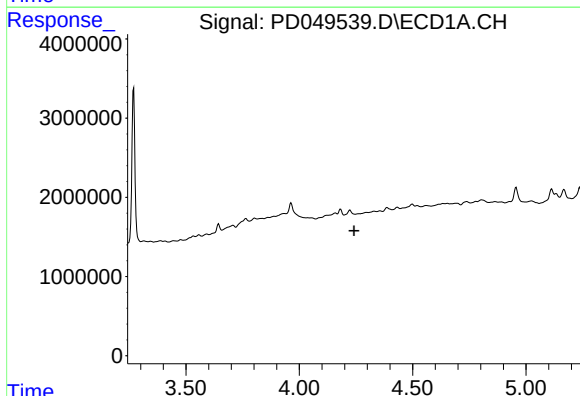
#3 gamma-BHC (Lindane)

R.T.: 0.000 min

Exp R.T. : 4.739 min

Response: 0

Conc: N.D.



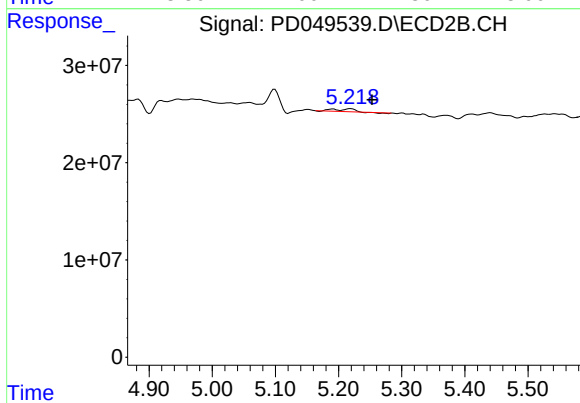
#4 Heptachlor

R.T.: 4.223 min

Delta R.T.: -0.018 min

Response: -105404

Conc: N.D.



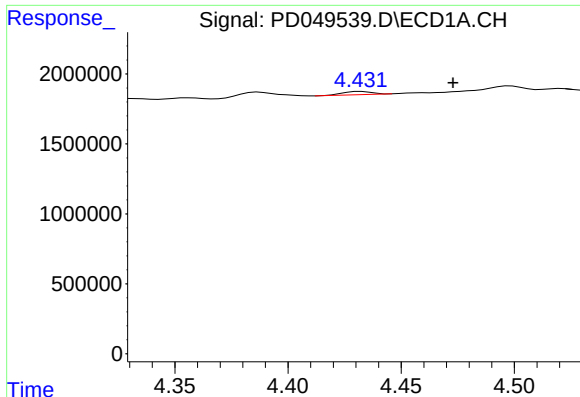
#4 Heptachlor

R.T.: 5.219 min

Delta R.T.: -0.034 min

Response: 4923702

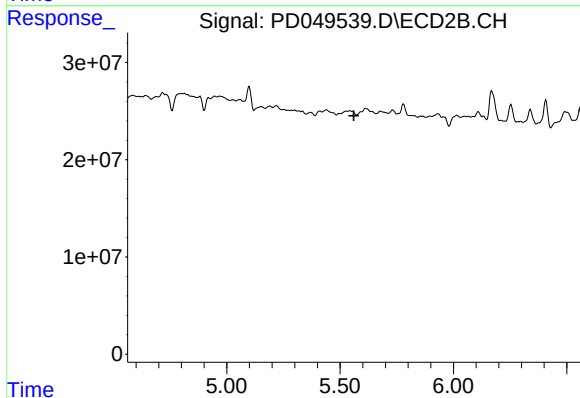
Conc: 0.34 ng/ml



#5 Aldrin

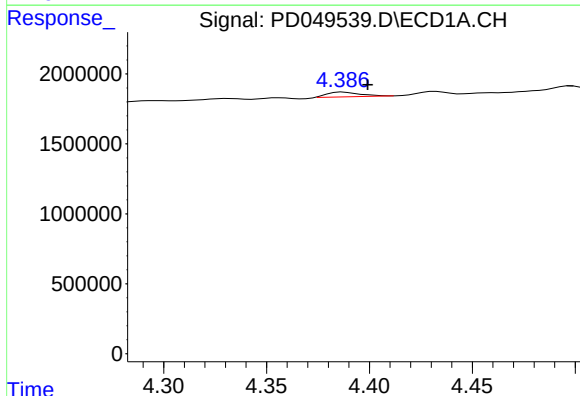
R.T.: 4.432 min  
Delta R.T.: -0.041 min  
Response: 199323  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



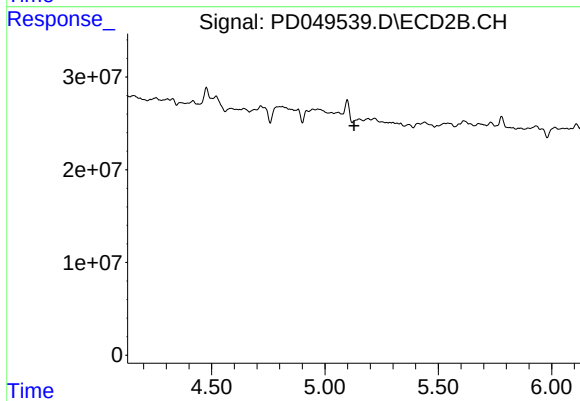
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.561 min  
Response: 0  
Conc: N.D.



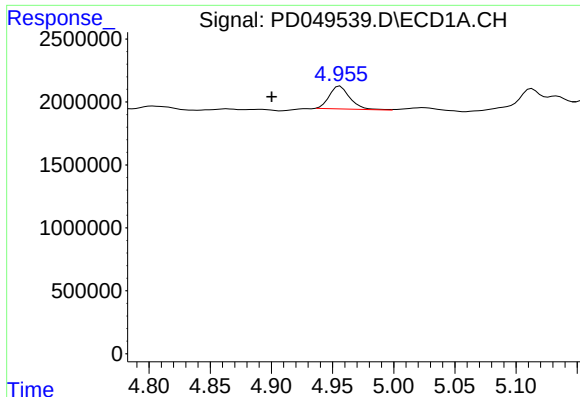
#7 delta-BHC

R.T.: 4.387 min  
Delta R.T.: -0.012 min  
Response: 378758  
Conc: 0.34 ng/ml



#7 delta-BHC

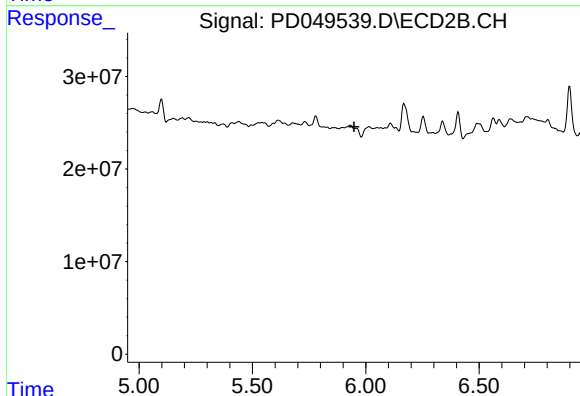
R.T.: 0.000 min  
Exp R.T. : 5.128 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

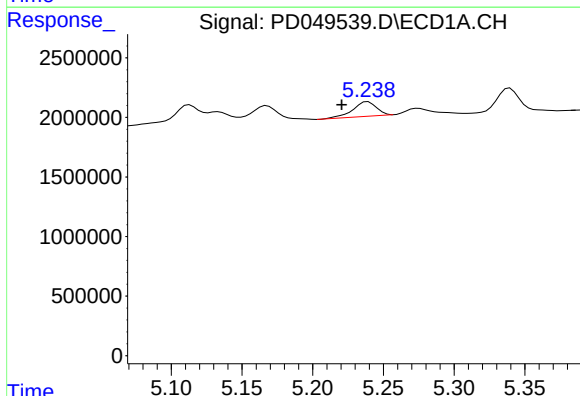
R.T.: 4.956 min  
Delta R.T.: 0.056 min  
Response: 2122737  
Conc: 1.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



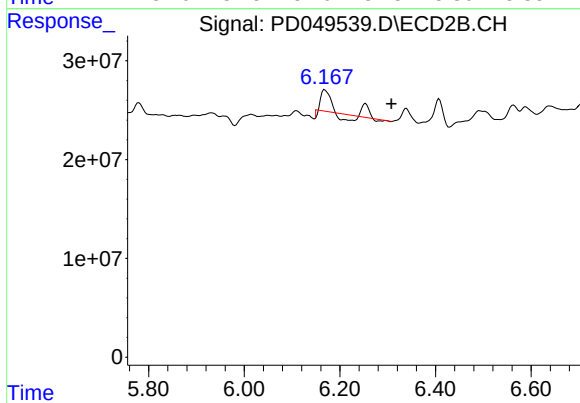
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.949 min  
Response: 0  
Conc: N.D.



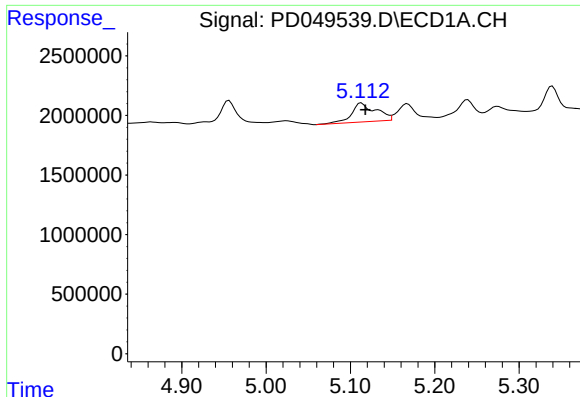
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: 0.019 min  
Response: 1471681  
Conc: 1.33 ng/ml



#9 Endosulfan I

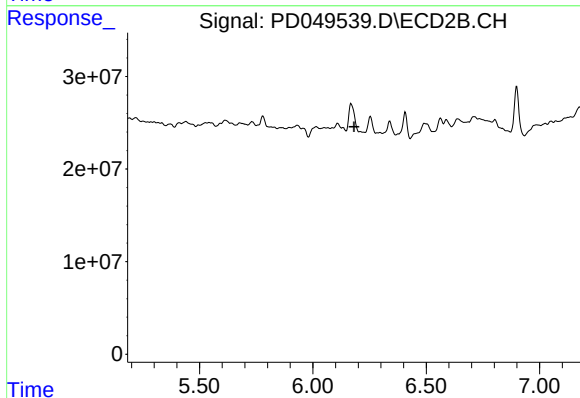
R.T.: 6.254 min  
Delta R.T.: -0.054 min  
Response: 7367479  
Conc: 0.67 ng/ml



#10 trans-Chlordane

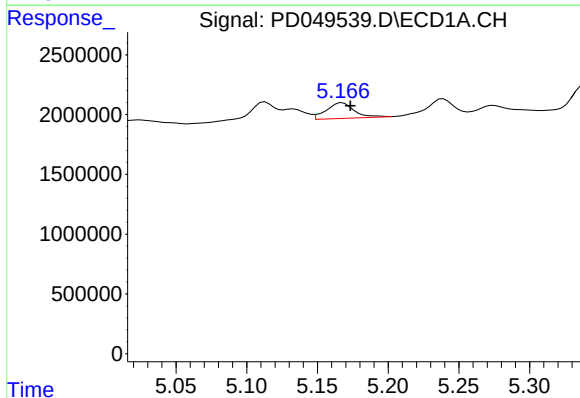
R.T.: 5.113 min  
Delta R.T.: -0.004 min  
Response: 3163768  
Conc: 2.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



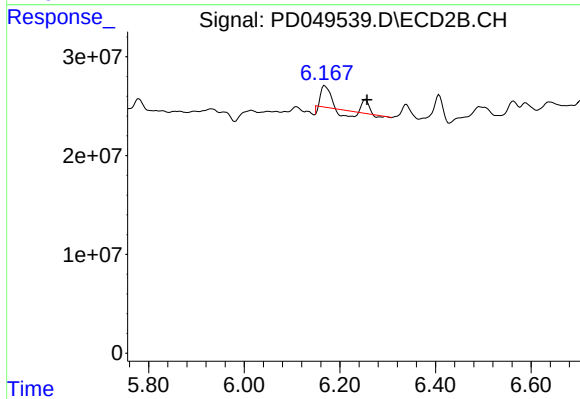
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.182 min  
Response: 0  
Conc: N.D.



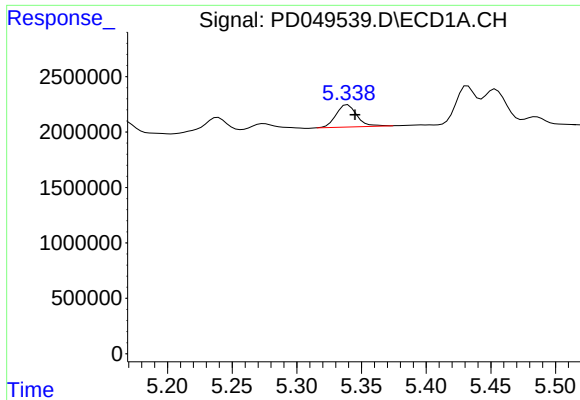
#11 cis-Chlordane

R.T.: 5.168 min  
Delta R.T.: -0.006 min  
Response: 1770985  
Conc: 1.56 ng/ml



#11 cis-Chlordane

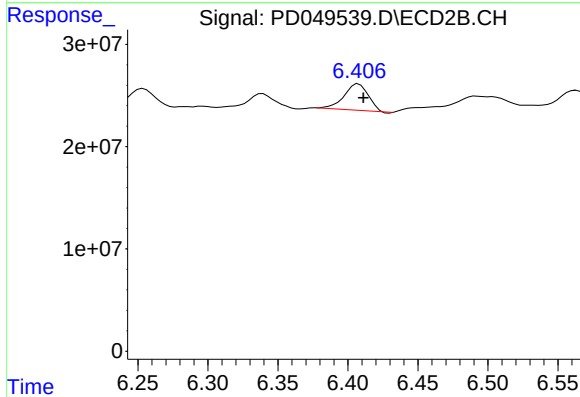
R.T.: 6.254 min  
Delta R.T.: -0.003 min  
Response: 7367479  
Conc: 0.65 ng/ml



#12 4,4'-DDE

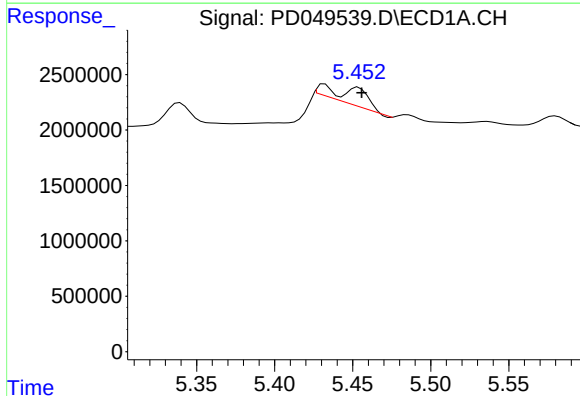
R.T.: 5.339 min  
Delta R.T.: -0.006 min  
Response: 2259163  
Conc: 2.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



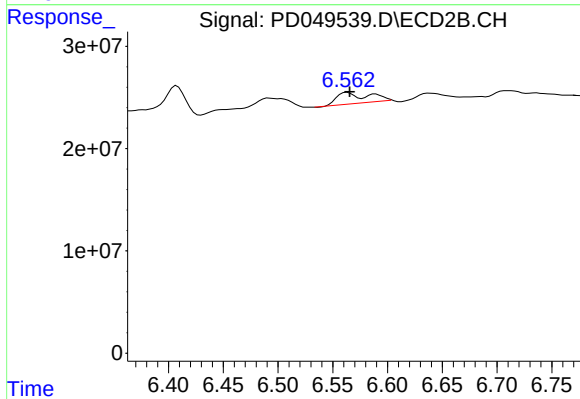
#12 4,4'-DDE

R.T.: 6.407 min  
Delta R.T.: -0.004 min  
Response: 31098063  
Conc: 3.21 ng/ml



#13 Dieldrin

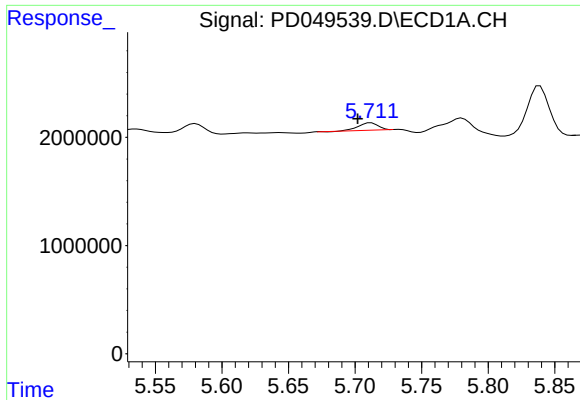
R.T.: 5.454 min  
Delta R.T.: -0.002 min  
Response: 2320723  
Conc: 1.94 ng/ml



#13 Dieldrin

R.T.: 6.564 min  
Delta R.T.: -0.002 min  
Response: 24161237  
Conc: 2.12 ng/ml

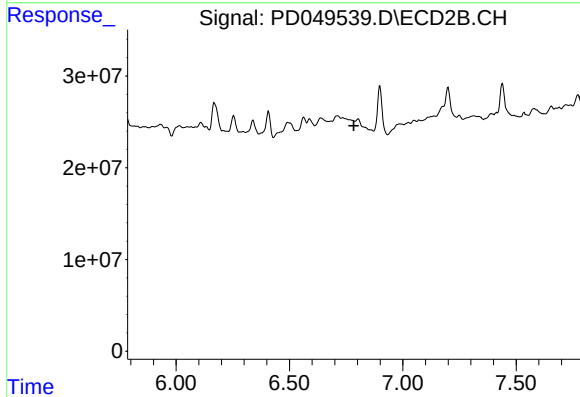




#14 Endrin

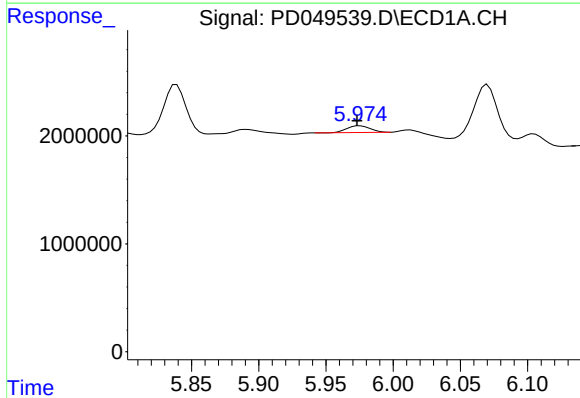
R.T.: 5.712 min  
Delta R.T.: 0.010 min  
Response: 735156  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



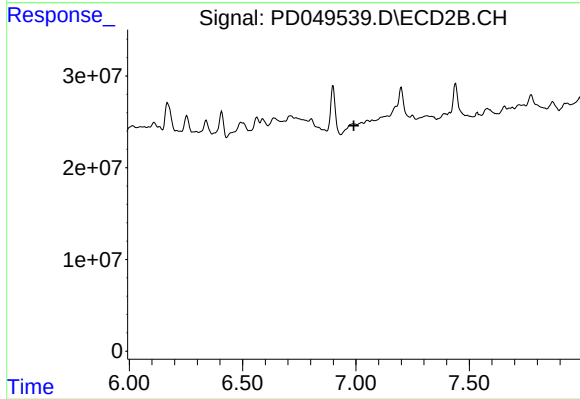
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.785 min  
Response: 0  
Conc: N.D.



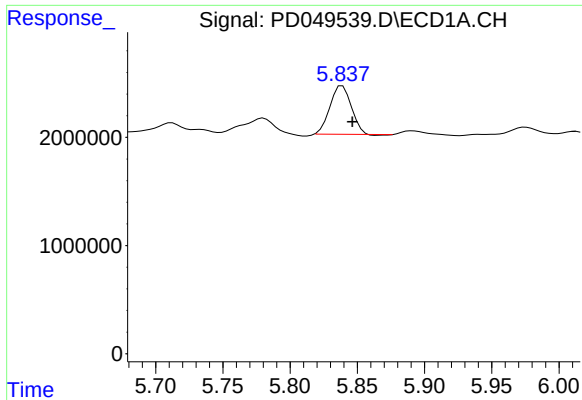
#15 Endosulfan II

R.T.: 5.975 min  
Delta R.T.: 0.002 min  
Response: 755007  
Conc: 0.71 ng/ml



#15 Endosulfan II

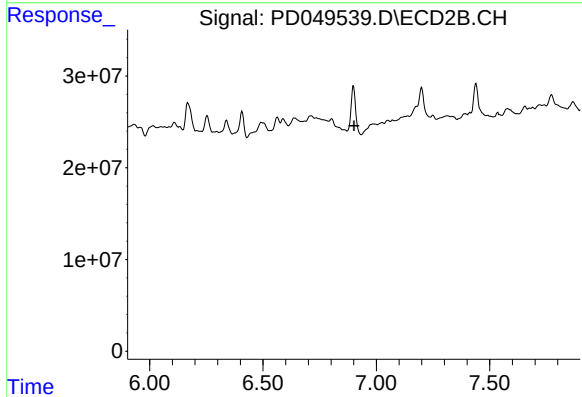
R.T.: 0.000 min  
Exp R.T. : 6.991 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

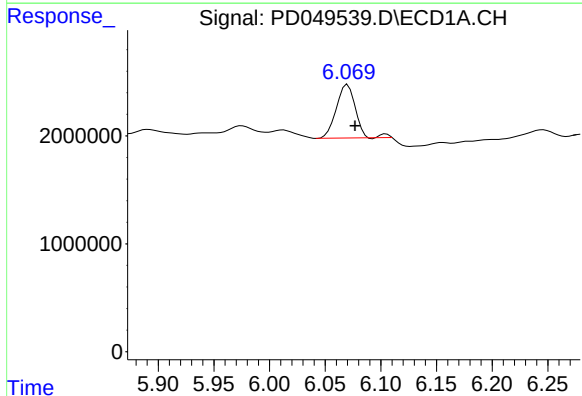
R.T.: 5.839 min  
Delta R.T.: -0.008 min  
Response: 4869015  
Conc: 6.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



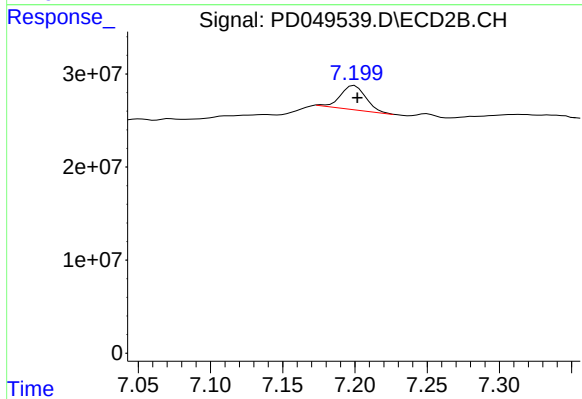
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.902 min  
Response: 0  
Conc: N.D.



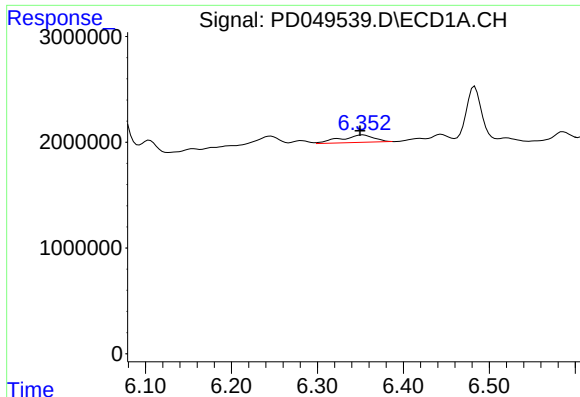
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: -0.007 min  
Response: 5967469  
Conc: 7.87 ng/ml



#17 4,4'-DDT

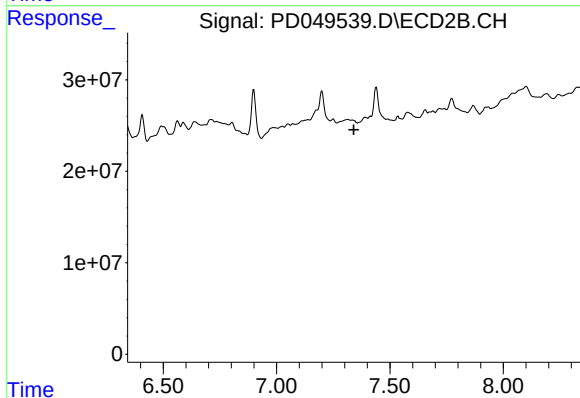
R.T.: 7.200 min  
Delta R.T.: -0.002 min  
Response: 28868110  
Conc: 6.10 ng/ml



#19 Endosulfan Sulfate

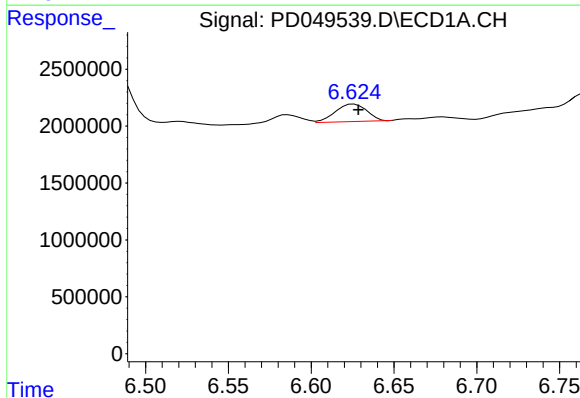
R.T.: 6.353 min  
Delta R.T.: 0.003 min  
Response: 1898952  
Conc: 2.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



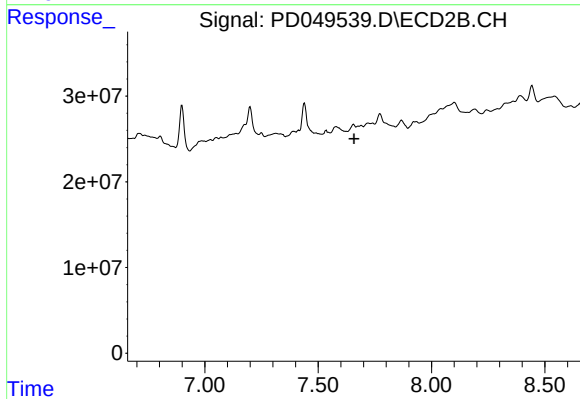
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.341 min  
Response: 0  
Conc: N.D.



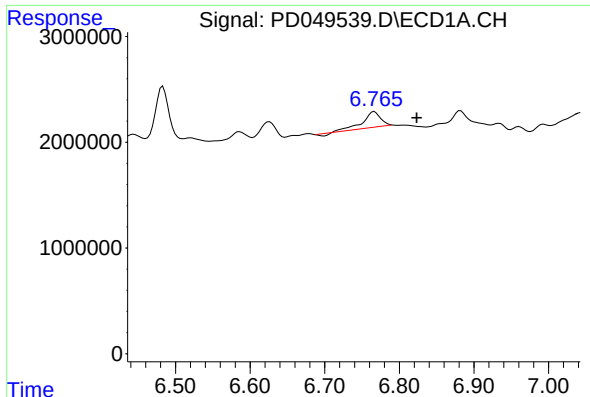
#20 Methoxychlor

R.T.: 6.626 min  
Delta R.T.: -0.003 min  
Response: 2035315  
Conc: 4.93 ng/ml



#20 Methoxychlor

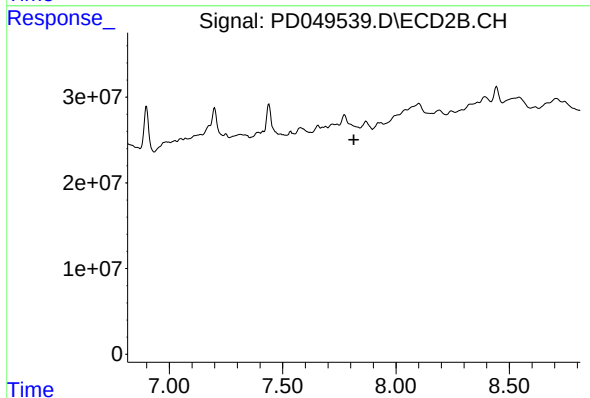
R.T.: 0.000 min  
Exp R.T. : 7.659 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

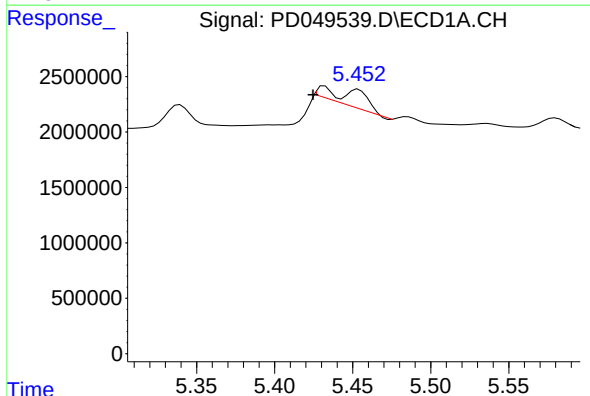
R.T.: 6.767 min  
Delta R.T.: -0.057 min  
Response: 2472644  
Conc: 2.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



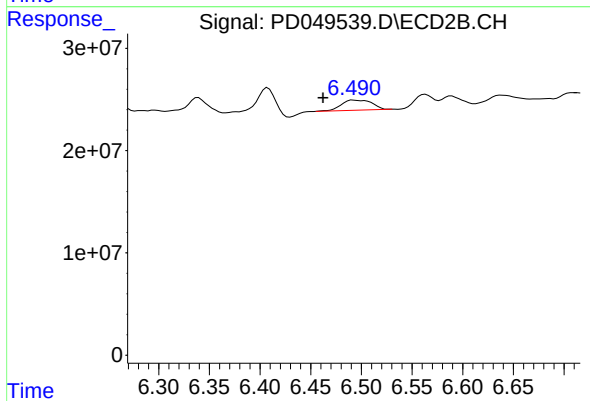
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: 0.054 min  
Response: -1355411  
Conc: N.D.



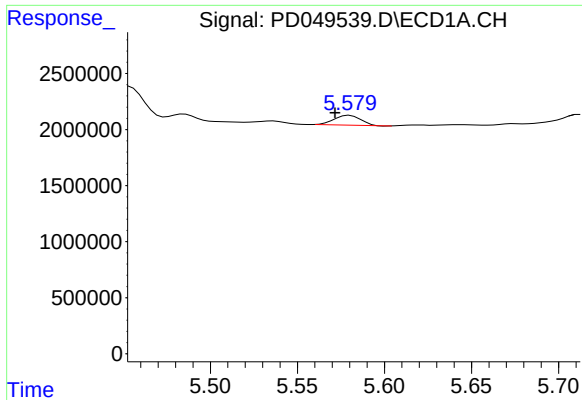
#22 Toxaphene-1

R.T.: 5.454 min  
Delta R.T.: 0.029 min  
Response: 2320723  
Conc: 418.83 ng/ml



#22 Toxaphene-1

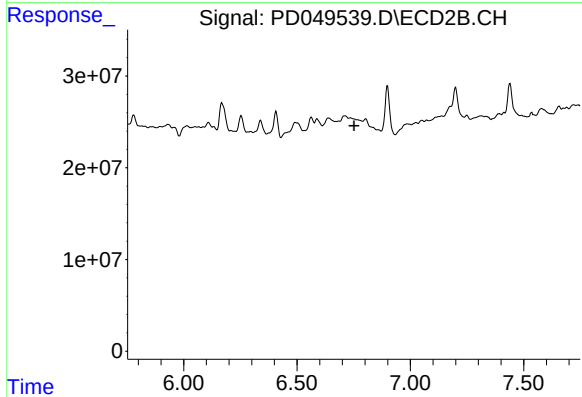
R.T.: 6.496 min  
Delta R.T.: 0.034 min  
Response: 21445886  
Conc: 418.10 ng/ml



#23 Toxaphene-2

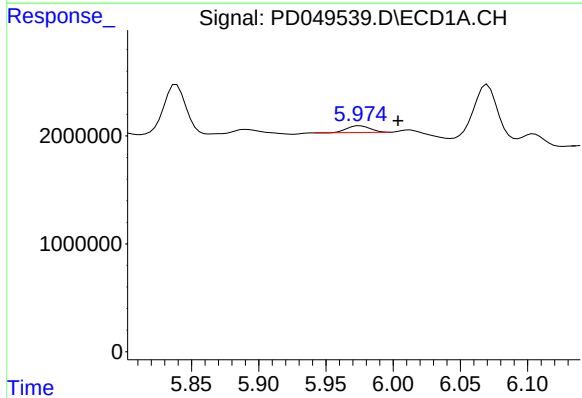
R.T.: 5.580 min  
Delta R.T.: 0.008 min  
Response: 922910  
Conc: 130.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



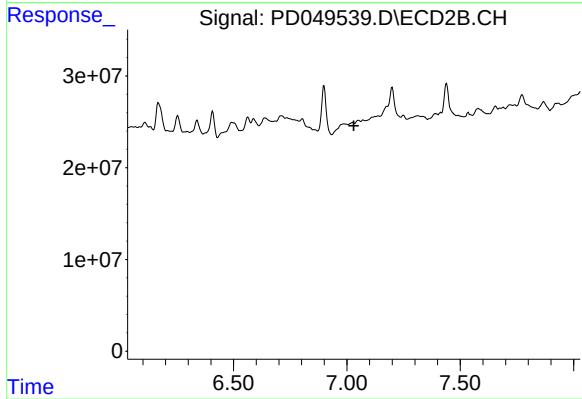
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.752 min  
Response: 0  
Conc: N.D.



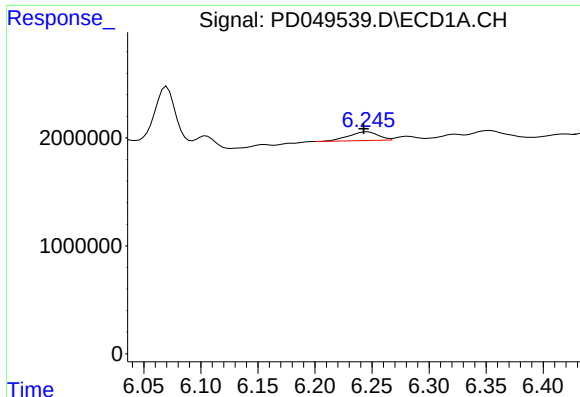
#24 Toxaphene-3

R.T.: 5.975 min  
Delta R.T.: -0.028 min  
Response: 755007  
Conc: 41.14 ng/ml



#24 Toxaphene-3

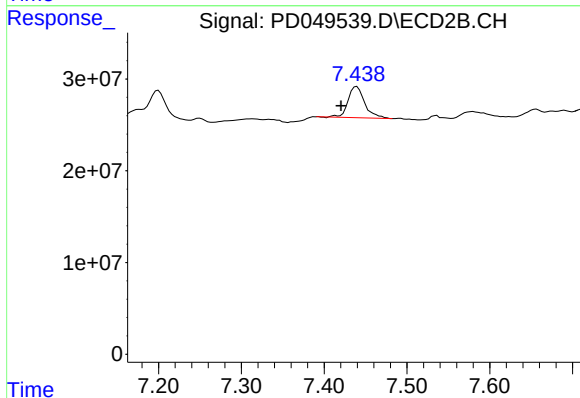
R.T.: 0.000 min  
Exp R.T. : 7.030 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

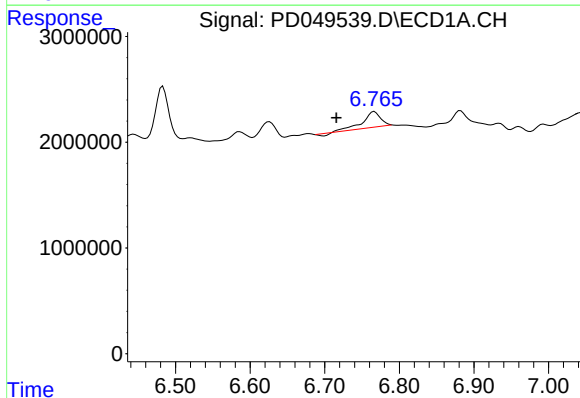
R.T.: 6.245 min  
Delta R.T.: 0.003 min  
Response: 1437138  
Conc: 78.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



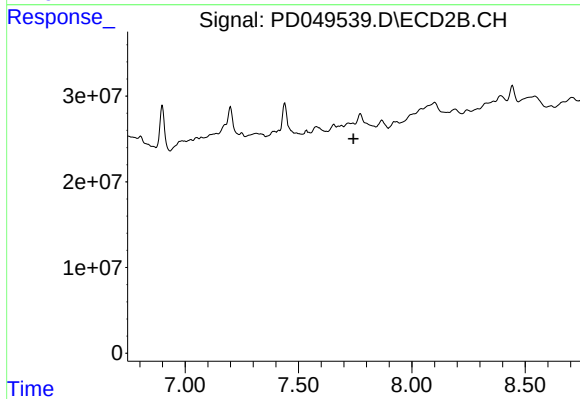
#25 Toxaphene-4

R.T.: 7.440 min  
Delta R.T.: 0.019 min  
Response: 46810289  
Conc: 1213.64 ng/ml



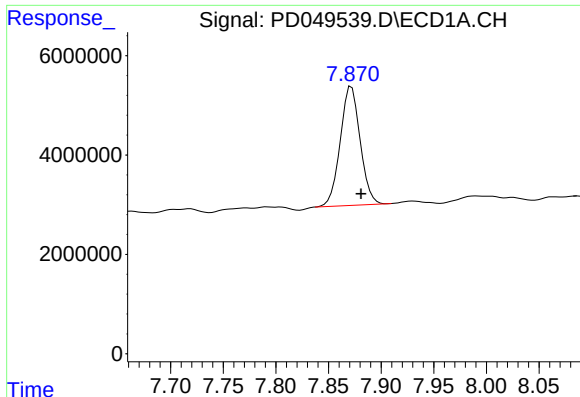
#26 Toxaphene-5

R.T.: 6.767 min  
Delta R.T.: 0.051 min  
Response: 2472644  
Conc: 123.03 ng/ml



#26 Toxaphene-5

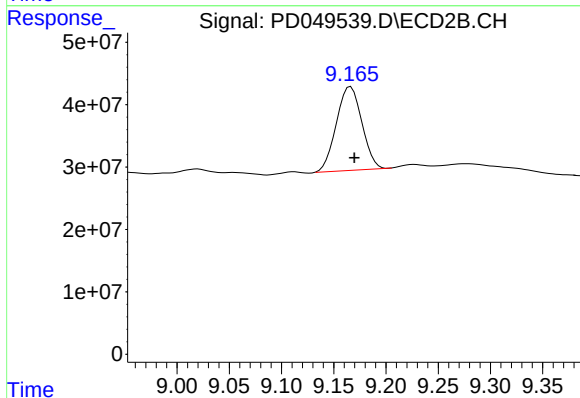
R.T.: 0.000 min  
Exp R.T.: 7.743 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.872 min  
Delta R.T.: -0.009 min  
Response: 31566387  
Conc: 40.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.166 min  
Delta R.T.: -0.004 min  
Response: 227770736  
Conc: 43.15 ng/ml