

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122019\  
 Data File : PD056706.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2019 19:50  
 Operator : SG\AJ  
 Sample : K6277-04  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0C40

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 22:20:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 03 08:51:13 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... | 3.286  | 3.959  | 7038119  | 13613141 | 8.498   | 11.323 # |
| 27)                         | SA Decachlor... | 7.955  | 8.991  | 10950889 | 15385638 | 12.128  | 12.788   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.315f | 0        | 410703   | N.D.    | 0.246    |
| 4)                          | MA Heptachlor   | 0.000  | 5.096f | 0        | 1581613  | N.D.    | 0.970    |
| 6)                          | B beta-BHC      | 0.000  | 4.826f | 0        | 2282378  | N.D.    | 2.770    |
| 7)                          | B delta-BHC     | 0.000  | 5.045f | 0        | 1811884  | N.D.    | 1.088    |
| 8)                          | B Heptachlo...  | 0.000  | 5.809  | 0        | 2887154  | N.D.    | 1.864    |
| 9)                          | A Endosulfan I  | 5.303  | 6.213  | 1756703  | 966742   | 1.900   | 0.666 #  |
| 10)                         | B trans-Chl...  | 0.000  | 6.042  | 0        | 8642098  | N.D.    | 5.227    |
| 11)                         | B cis-Chlor...  | 0.000  | 6.129  | 0        | 1338175  | N.D.    | 0.830    |
| 13)                         | MA Dieldrin     | 5.502  | 6.424  | 2099704  | 1890881  | 2.067   | 1.203 #  |
| 14)                         | MA Endrin       | 5.830f | 6.679  | 2851728  | 787070   | 3.412   | 0.622 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.875  | 0        | 1271444  | N.D.    | 0.868    |
| 16)                         | A 4,4'-DDD      | 5.967f | 6.776  | 2137412  | 8312806  | 3.003   | 7.064 #  |
| 17)                         | MA 4,4'-DDT     | 6.134  | 7.121f | 3024847  | 3809150  | 4.299   | 3.222 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.995  | 0        | 440238   | N.D.    | 0.362    |
| 19)                         | B Endosulfa...  | 6.418  | 7.176  | 2212374  | 3088642  | 2.547   | 2.310    |
| 20)                         | A Methoxychlor  | 0.000  | 7.579f | 0        | 4011681  | N.D.    | 6.622    |
| 21)                         | B Endrin ke...  | 0.000  | 7.637f | 0        | 14145162 | N.D.    | 9.614    |
| 22)                         | Toxaphene-1     | 5.502  | 6.363  | 2099704  | 802119   | 233.046 | 71.446 # |
| 23)                         | Toxaphene-2     | 5.642  | 6.679  | 2308616  | 787070   | 237.243 | 57.033 # |
| 24)                         | Toxaphene-3     | 5.967  | 6.995  | 2137412  | 440238   | 258.294 | 22.380 # |
| 25)                         | Toxaphene-4     | 6.134  | 7.121  | 3024847  | 3809150  | 122.091 | 68.987 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.579  | 0        | 4011681  | N.D.    | 156.958  |
| -----                       |                 |        |        |          |          |         |          |

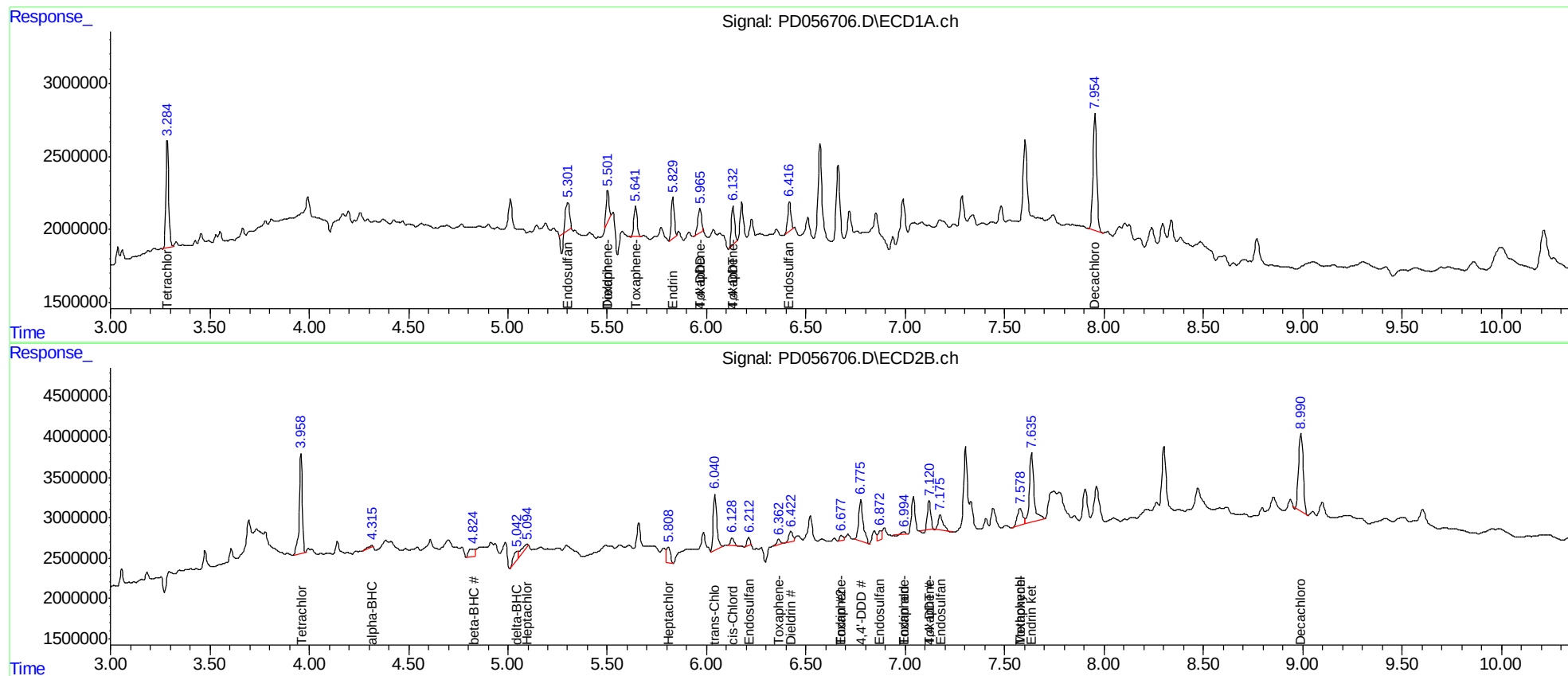
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

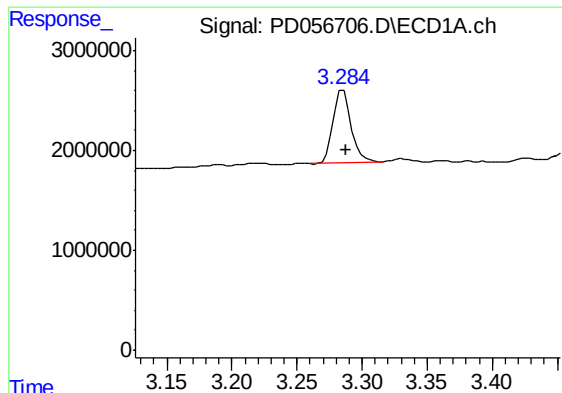
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122019\  
Data File : PD056706.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Dec 2019 19:50  
Operator : SG\AJ  
Sample : K6277-04  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 22:20:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 03 08:51:13 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

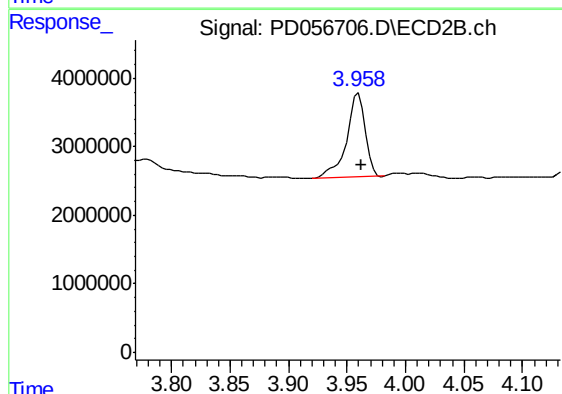




#1 Tetrachloro-m-xylene

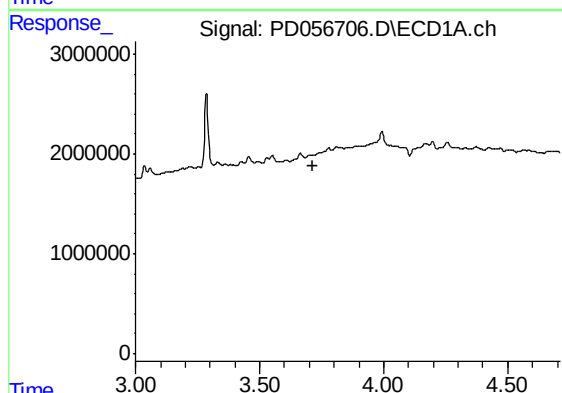
R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 7038119  
Conc: 8.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



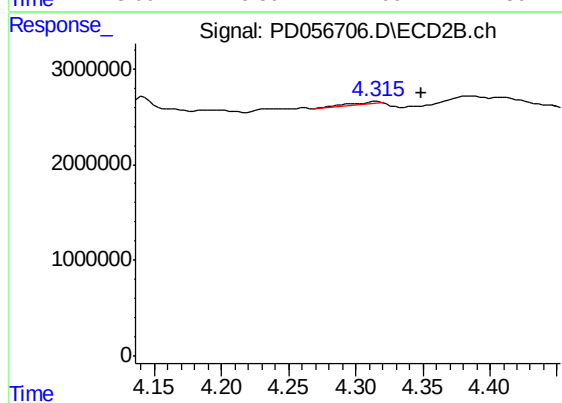
#1 Tetrachloro-m-xylene

R.T.: 3.959 min  
Delta R.T.: -0.003 min  
Response: 13613141  
Conc: 11.32 ng/ml



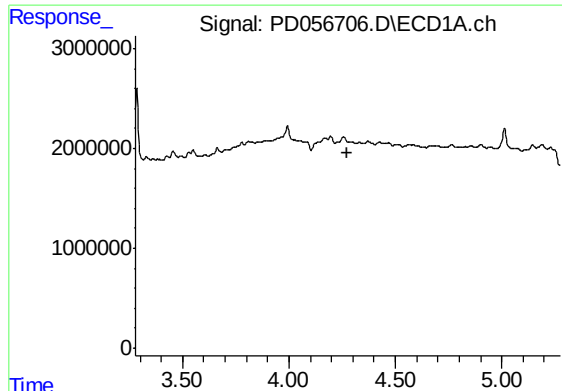
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.715 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

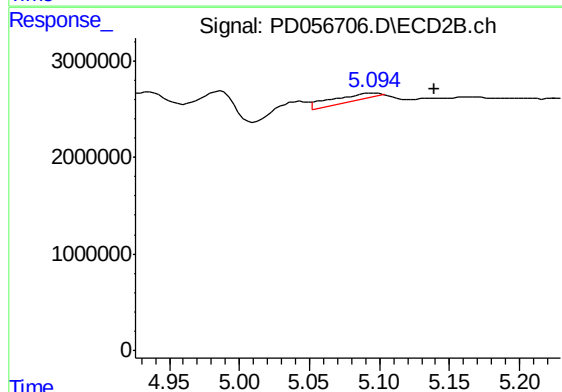
R.T.: 4.315 min  
Delta R.T.: -0.034 min  
Response: 410703  
Conc: 0.25 ng/ml



#4 Heptachlor

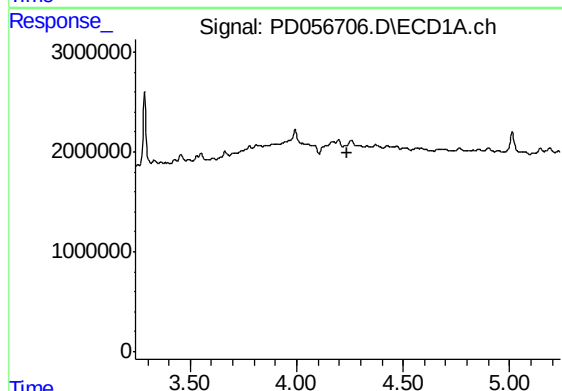
R.T.: 0.000 min  
Exp R.T.: 4.276 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



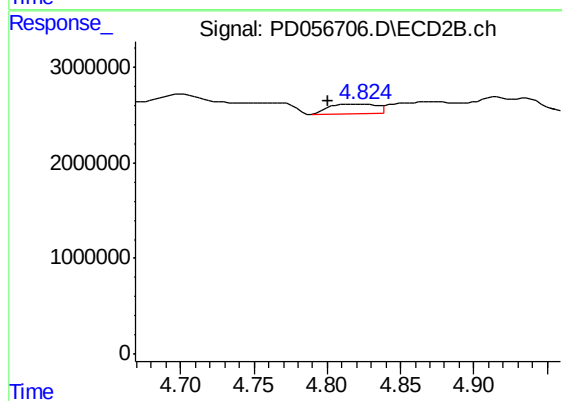
#4 Heptachlor

R.T.: 5.096 min  
Delta R.T.: -0.043 min  
Response: 1581613  
Conc: 0.97 ng/ml



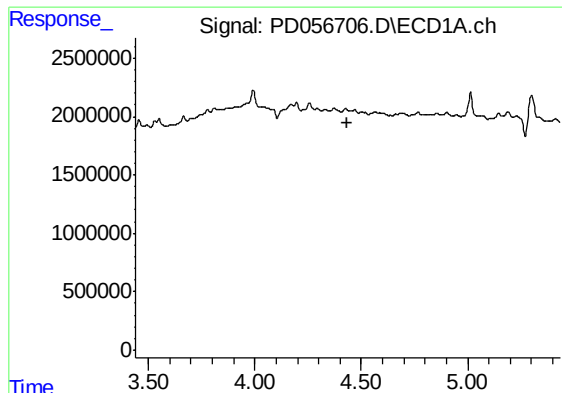
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.240 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

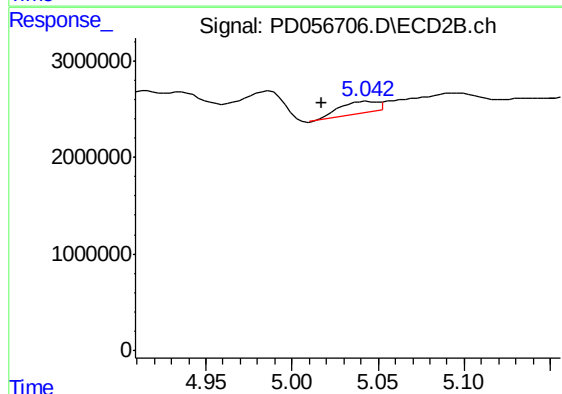
R.T.: 4.826 min  
Delta R.T.: 0.025 min  
Response: 2282378  
Conc: 2.77 ng/ml



#7 delta-BHC

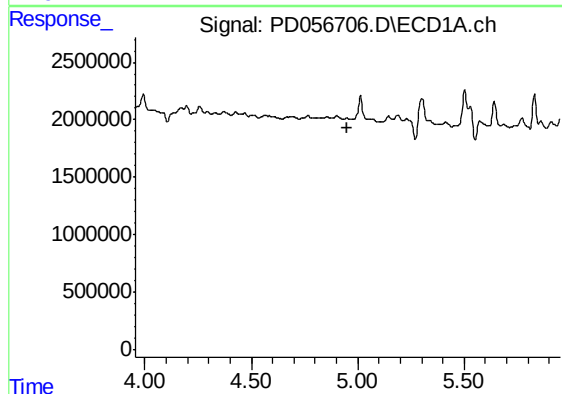
R.T.: 0.000 min  
Exp R.T.: 4.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



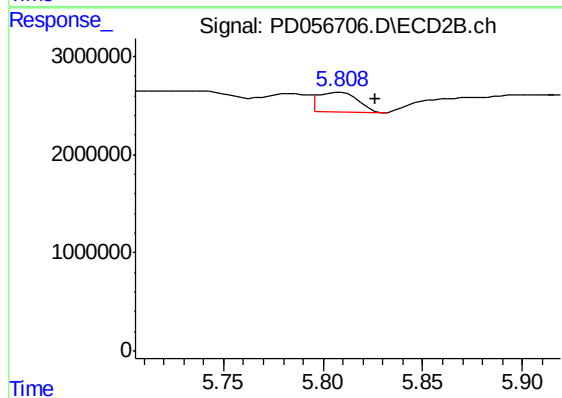
#7 delta-BHC

R.T.: 5.045 min  
Delta R.T.: 0.028 min  
Response: 1811884  
Conc: 1.09 ng/ml



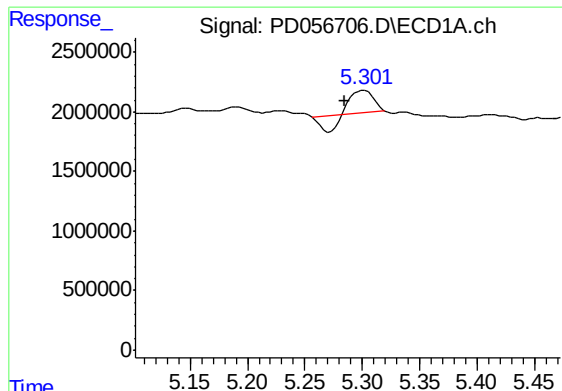
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.953 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

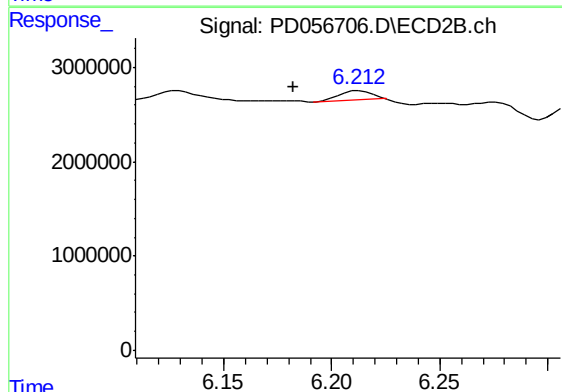
R.T.: 5.809 min  
Delta R.T.: -0.017 min  
Response: 2887154  
Conc: 1.86 ng/ml



#9 Endosulfan I

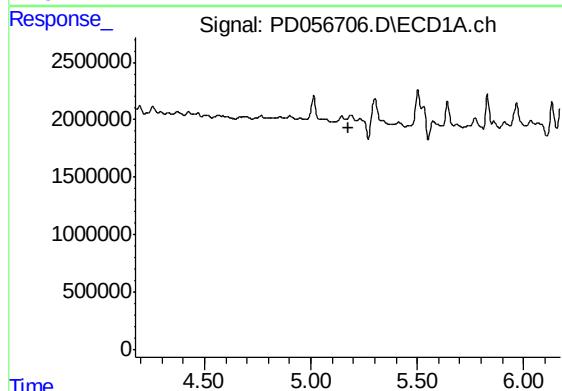
R.T.: 5.303 min  
Delta R.T.: 0.018 min  
Response: 1756703  
Conc: 1.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



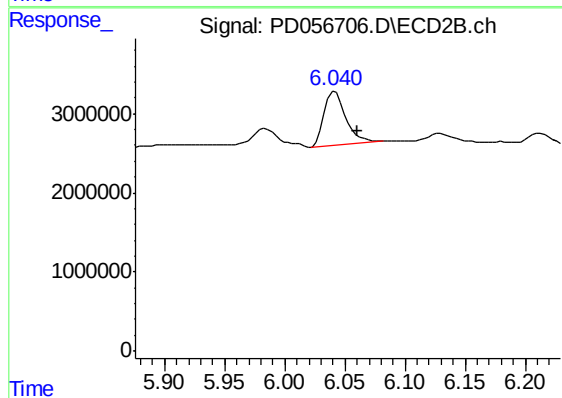
#9 Endosulfan I

R.T.: 6.213 min  
Delta R.T.: 0.031 min  
Response: 966742  
Conc: 0.67 ng/ml



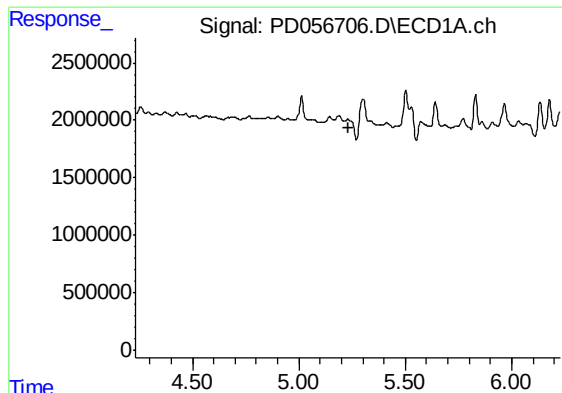
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

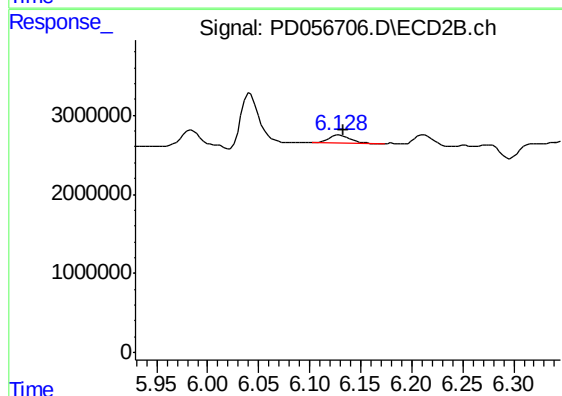
R.T.: 6.042 min  
Delta R.T.: -0.018 min  
Response: 8642098  
Conc: 5.23 ng/ml



#11 cis-Chlordane

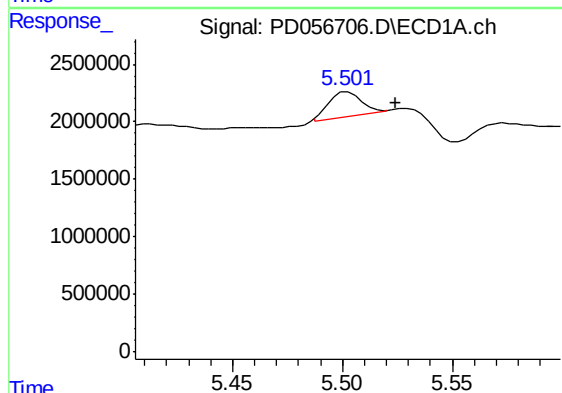
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



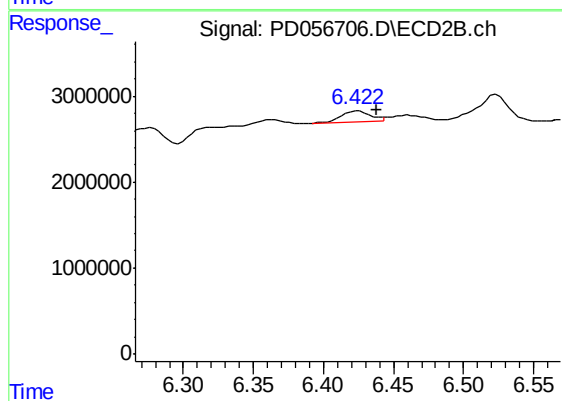
#11 cis-Chlordane

R.T.: 6.129 min  
Delta R.T.: -0.003 min  
Response: 1338175  
Conc: 0.83 ng/ml



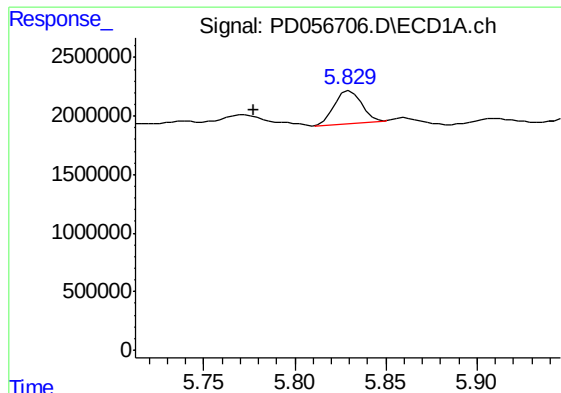
#13 Dieldrin

R.T.: 5.502 min  
Delta R.T.: -0.022 min  
Response: 2099704  
Conc: 2.07 ng/ml



#13 Dieldrin

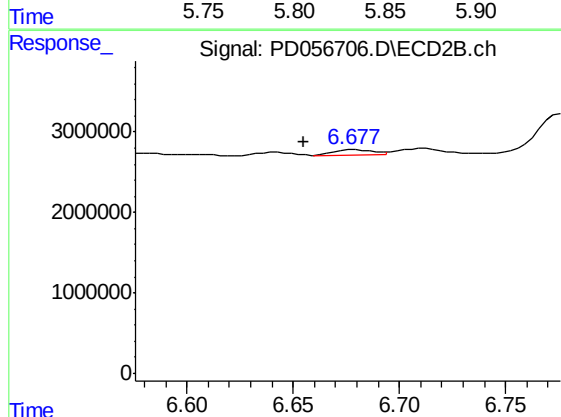
R.T.: 6.424 min  
Delta R.T.: -0.014 min  
Response: 1890881  
Conc: 1.20 ng/ml



#14 Endrin

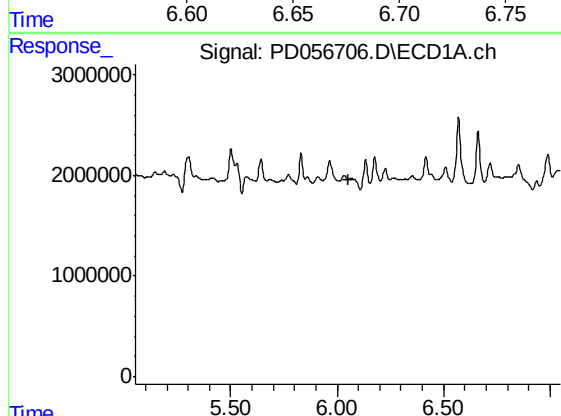
R.T.: 5.830 min  
Delta R.T.: 0.053 min  
Response: 2851728  
Conc: 3.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



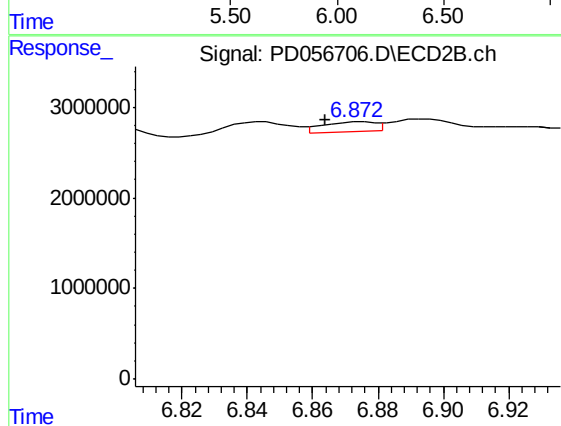
#14 Endrin

R.T.: 6.679 min  
Delta R.T.: 0.024 min  
Response: 787070  
Conc: 0.62 ng/ml



#15 Endosulfan II

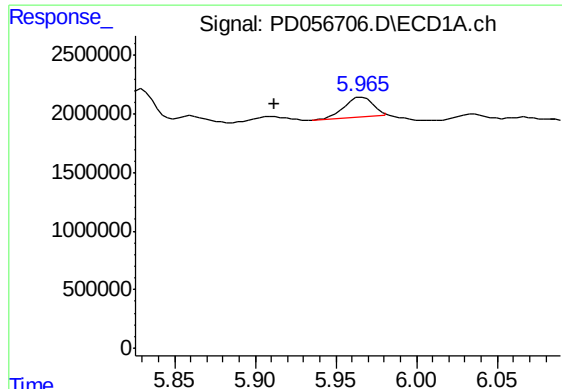
R.T.: 0.000 min  
Exp R.T. : 6.051 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

R.T.: 6.875 min  
Delta R.T.: 0.011 min  
Response: 1271444  
Conc: 0.87 ng/ml

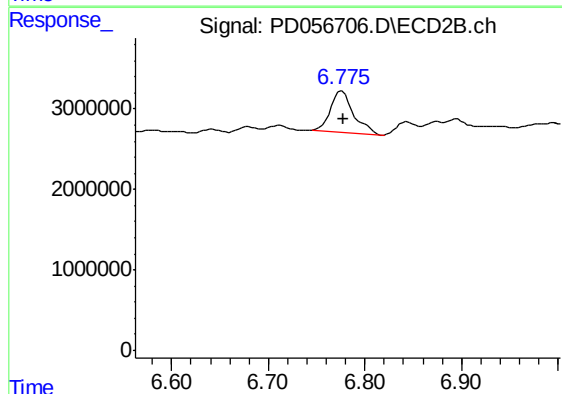




#16 4,4'-DDD

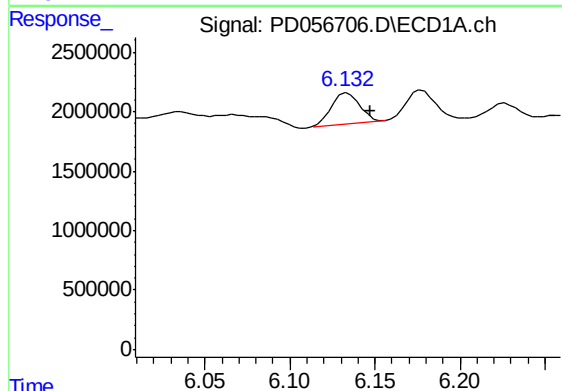
R.T.: 5.967 min  
Delta R.T.: 0.055 min  
Response: 2137412  
Conc: 3.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



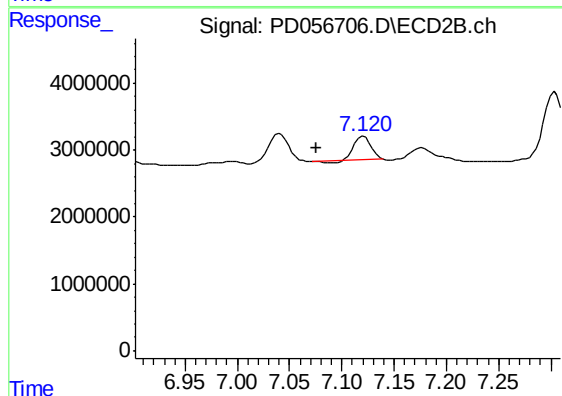
#16 4,4'-DDD

R.T.: 6.776 min  
Delta R.T.: -0.001 min  
Response: 8312806  
Conc: 7.06 ng/ml



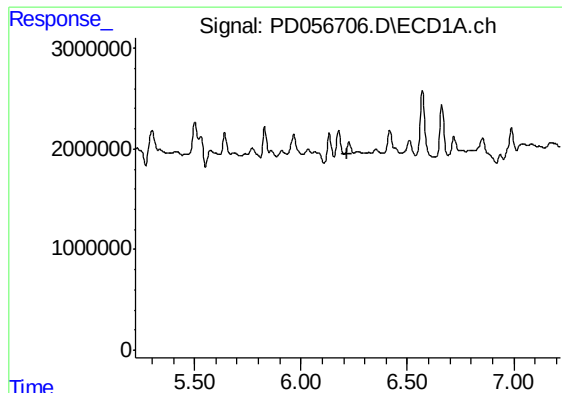
#17 4,4'-DDT

R.T.: 6.134 min  
Delta R.T.: -0.013 min  
Response: 3024847  
Conc: 4.30 ng/ml



#17 4,4'-DDT

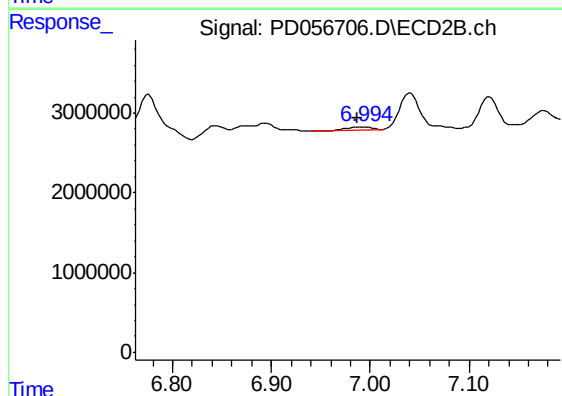
R.T.: 7.121 min  
Delta R.T.: 0.045 min  
Response: 3809150  
Conc: 3.22 ng/ml



#18 Endrin aldehyde

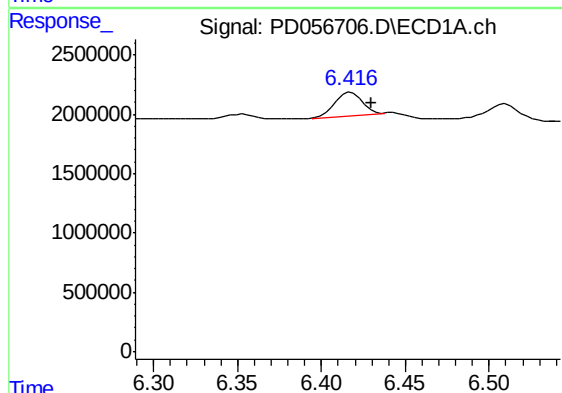
R.T.: 0.000 min  
Exp R.T.: 6.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



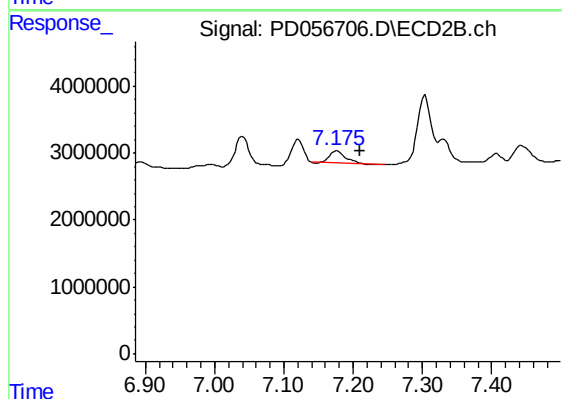
#18 Endrin aldehyde

R.T.: 6.995 min  
Delta R.T.: 0.008 min  
Response: 440238  
Conc: 0.36 ng/ml



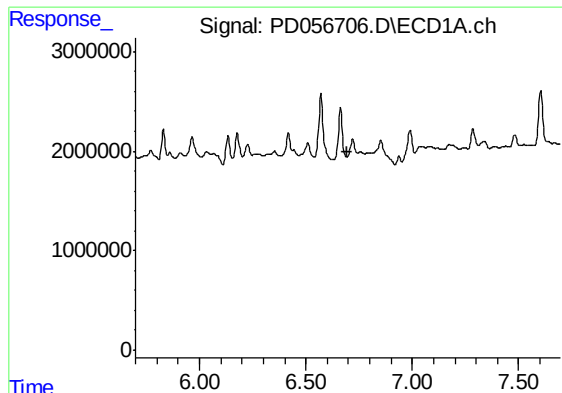
#19 Endosulfan Sulfate

R.T.: 6.418 min  
Delta R.T.: -0.012 min  
Response: 2212374  
Conc: 2.55 ng/ml



#19 Endosulfan Sulfate

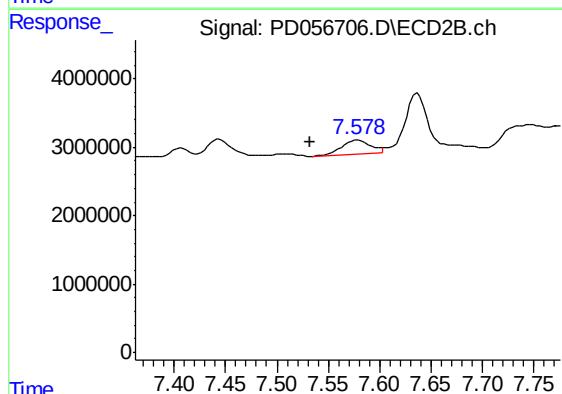
R.T.: 7.176 min  
Delta R.T.: -0.034 min  
Response: 3088642  
Conc: 2.31 ng/ml



#20 Methoxychlor

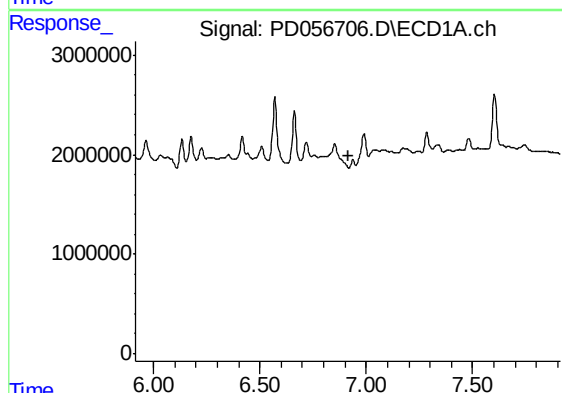
R.T.: 0.000 min  
Exp R.T.: 6.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



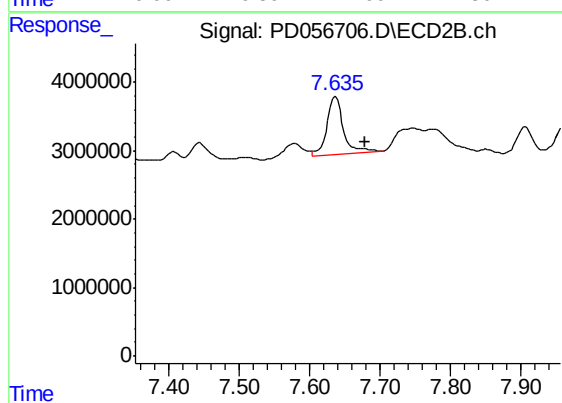
#20 Methoxychlor

R.T.: 7.579 min  
Delta R.T.: 0.047 min  
Response: 4011681  
Conc: 6.62 ng/ml



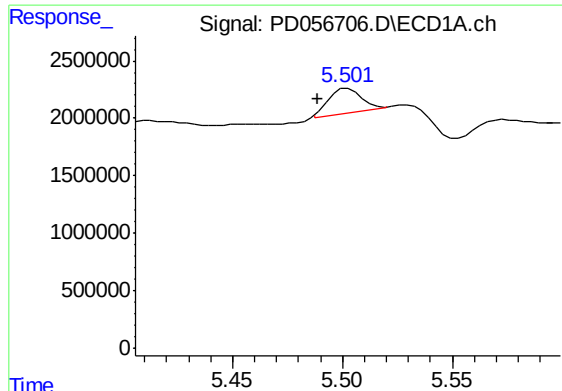
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.915 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

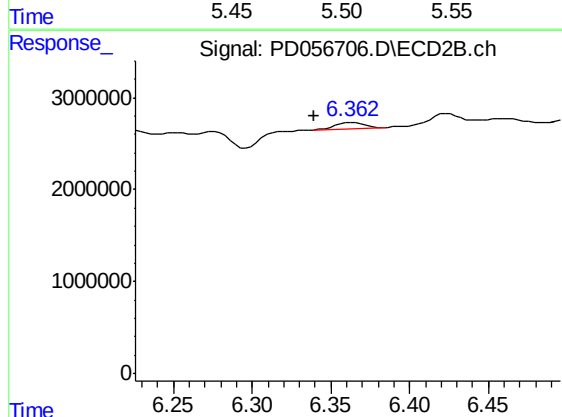
R.T.: 7.637 min  
Delta R.T.: -0.042 min  
Response: 14145162  
Conc: 9.61 ng/ml



#22 Toxaphene-1

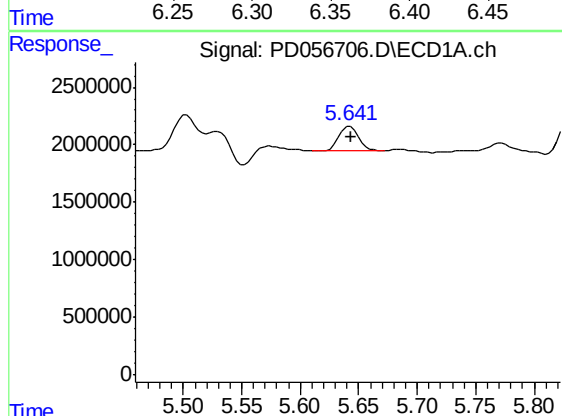
R.T.: 5.502 min  
Delta R.T.: 0.014 min  
Response: 2099704  
Conc: 233.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



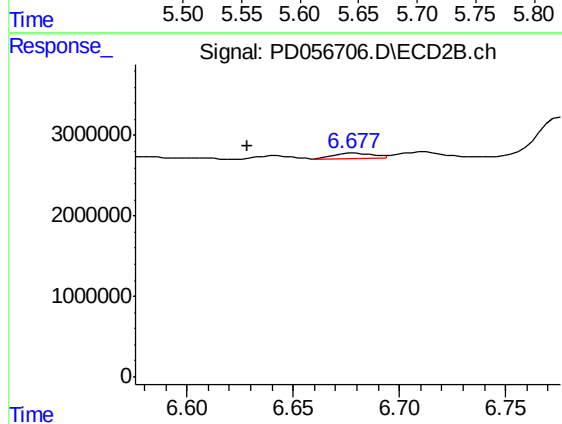
#22 Toxaphene-1

R.T.: 6.363 min  
Delta R.T.: 0.024 min  
Response: 802119  
Conc: 71.45 ng/ml



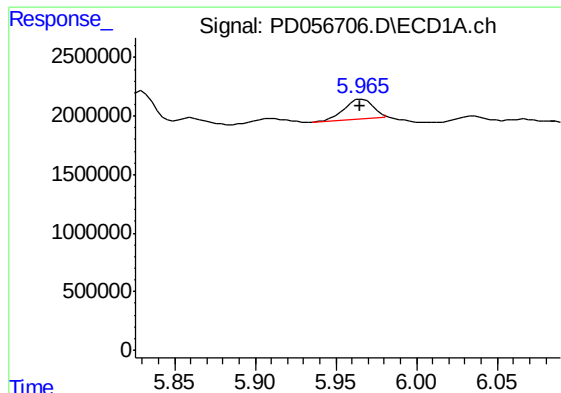
#23 Toxaphene-2

R.T.: 5.642 min  
Delta R.T.: -0.001 min  
Response: 2308616  
Conc: 237.24 ng/ml



#23 Toxaphene-2

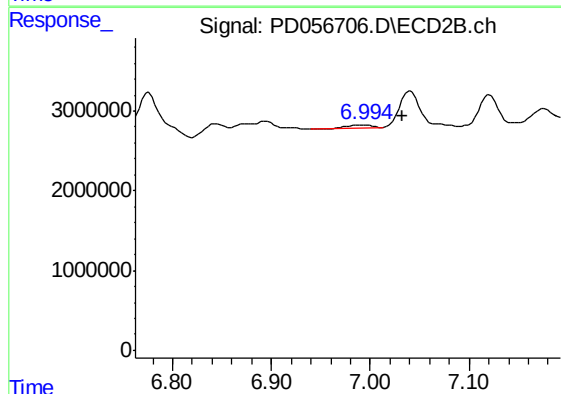
R.T.: 6.679 min  
Delta R.T.: 0.051 min  
Response: 787070  
Conc: 57.03 ng/ml



#24 Toxaphene-3

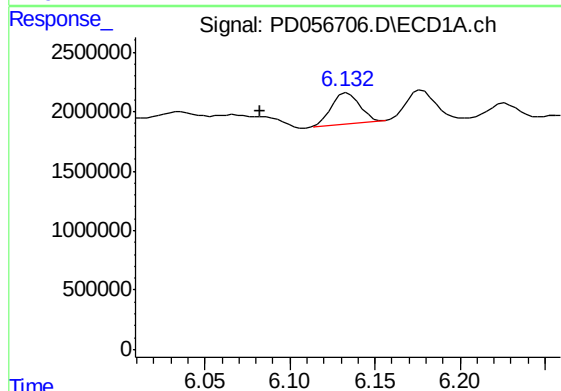
R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 2137412  
Conc: 258.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



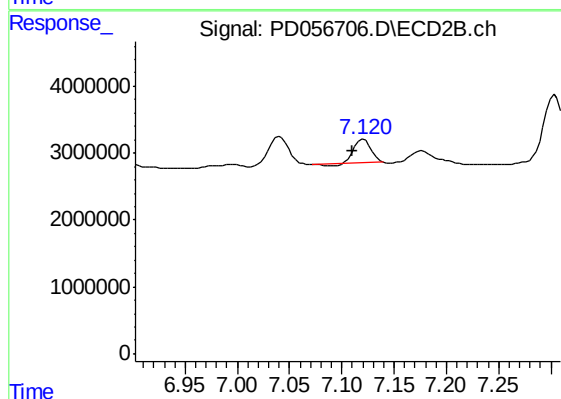
#24 Toxaphene-3

R.T.: 6.995 min  
Delta R.T.: -0.038 min  
Response: 440238  
Conc: 22.38 ng/ml



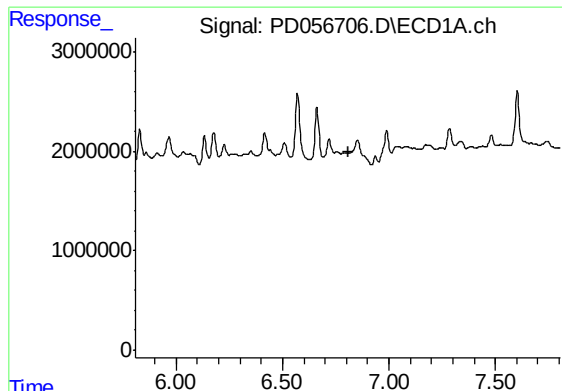
#25 Toxaphene-4

R.T.: 6.134 min  
Delta R.T.: 0.051 min  
Response: 3024847  
Conc: 122.09 ng/ml



#25 Toxaphene-4

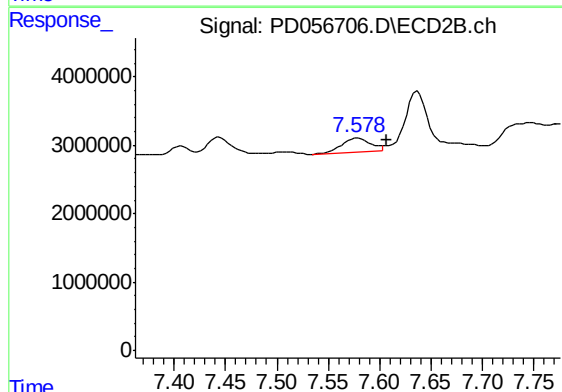
R.T.: 7.121 min  
Delta R.T.: 0.011 min  
Response: 3809150  
Conc: 68.99 ng/ml



#26 Toxaphene-5

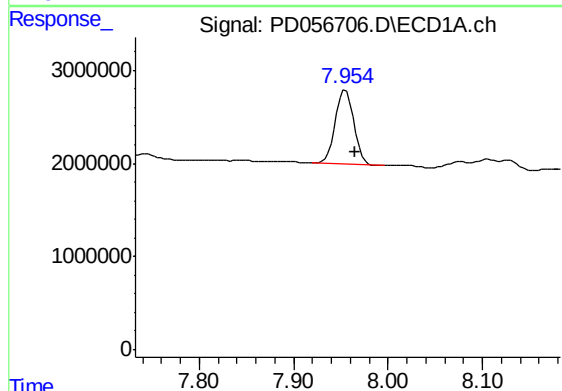
R.T.: 0.000 min  
Exp R.T.: 6.808 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C40



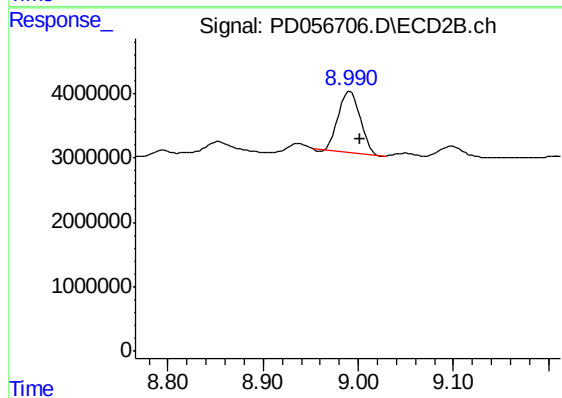
#26 Toxaphene-5

R.T.: 7.579 min  
Delta R.T.: -0.028 min  
Response: 4011681  
Conc: 156.96 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.955 min  
Delta R.T.: -0.011 min  
Response: 10950889  
Conc: 12.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: -0.011 min  
Response: 15385638  
Conc: 12.79 ng/ml