

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052922\  
 Data File : PD069911.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 May 2022 17:22  
 Operator : AR\AJ  
 Sample : INDA401  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 01:35:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052922CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 30 09:45:07 2022  
 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

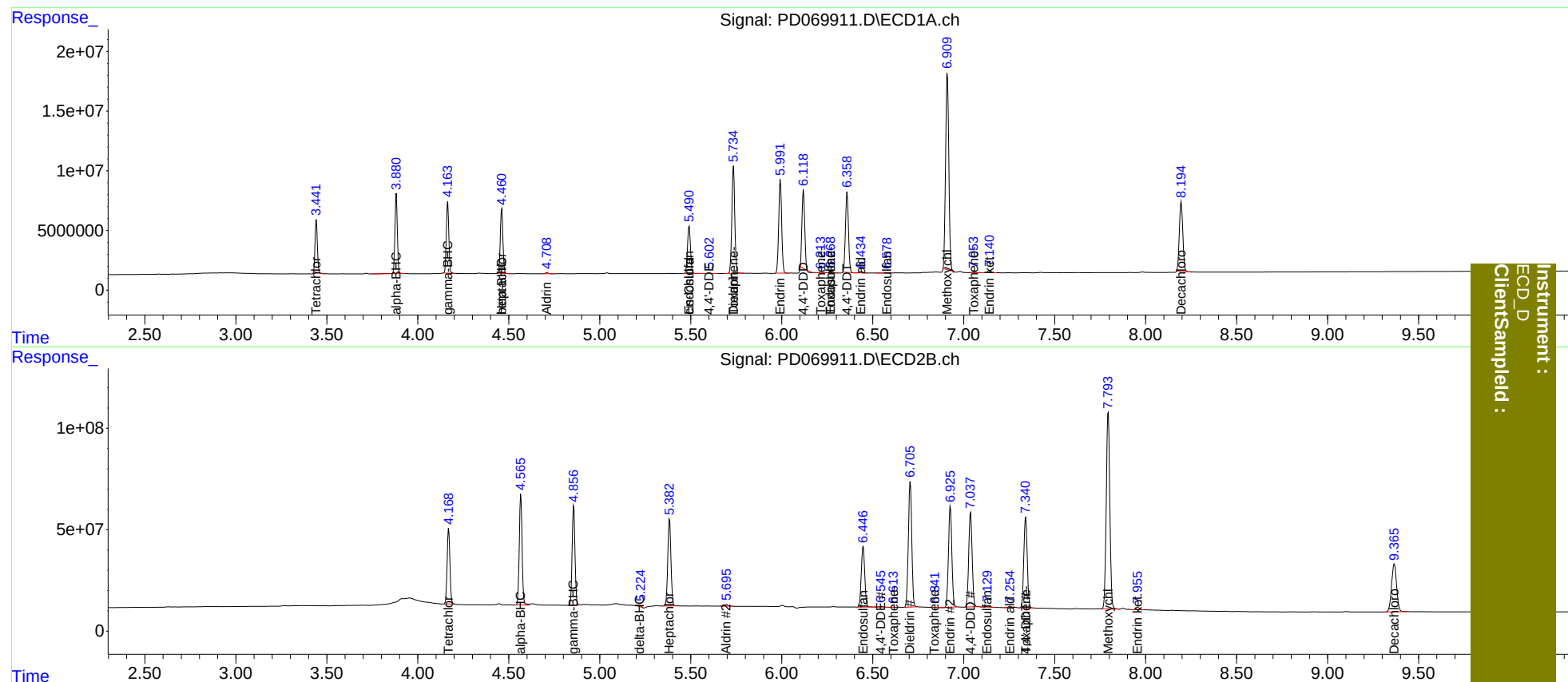
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.442  | 4.170  | 37451682 | 392.4E6  | 36.537    | 40.018     |
| 27)                         | SA Decachlor... | 8.195  | 9.367  | 77422177 | 453.5E6  | 73.593    | 75.034     |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 3.882  | 4.566  | 61560485 | 586.1E6  | 42.383    | 41.991     |
| 3)                          | MA gamma-BHC... | 4.165  | 4.857  | 56478445 | 529.5E6  | 39.739    | 40.052     |
| 4)                          | MA Heptachlor   | 4.462  | 5.384  | 53810039 | 512.3E6  | 39.675    | 39.284     |
| 5)                          | MB Aldrin       | 4.709  | 5.696  | 961779   | 10643863 | 0.705     | 0.823      |
| 6)                          | B beta-BHC      | 4.462f | 4.977f | 53810039 | 589534   | 81.453    | <MDL #     |
| 7)                          | B delta-BHC     | 0.000  | 5.218f | 0        | 8996682  | N.D.      | 0.759      |
| 9)                          | A Endosulfan I  | 5.491  | 6.448  | 45668499 | 391.4E6  | 39.586    | 38.599     |
| 10)                         | B trans-Chl...  | 5.378  | 6.378f | 120716   | 112671   | <MDL      | <MDL #     |
| 11)                         | B cis-Chlor...  | 5.491f | 6.402  | 45668499 | 460641   | 36.421    | <MDL #     |
| 12)                         | B 4,4'-DDE      | 5.603  | 6.546  | 461129   | 4784831  | 0.403     | 0.490      |
| 13)                         | MA Dieldrin     | 5.735  | 6.706  | 100.6E6  | 804.3E6  | 81.450    | 78.056     |
| 14)                         | MA Endrin       | 5.993  | 6.927  | 88401856 | 644.9E6  | 80.983    | 80.095     |
| 15)                         | B Endosulfa...  | 6.269  | 7.131  | 832773   | 7423982  | 0.744     | 0.860      |
| 16)                         | A 4,4'-DDD      | 6.119  | 7.038  | 67409638 | 612.2E6  | 69.641    | 77.794     |
| 17)                         | MA 4,4'-DDT     | 6.359  | 7.341  | 76341350 | 590.2E6  | 81.622    | 78.651     |
| 18)                         | B Endrin al...  | 6.435  | 7.256  | 1422912  | 9138713  | 1.640     | 1.398      |
| 19)                         | B Endosulfa...  | 6.579f | 0.000  | 246767   | 0        | 0.225     | N.D. #     |
| 20)                         | A Methoxychlor  | 6.910  | 7.794  | 202.0E6  | 1324.9E6 | 380.679   | 381.188    |
| 21)                         | B Endrin ke...  | 7.142  | 7.956  | 2572132  | 16793825 | 2.090     | 2.017      |
| 22)                         | Toxaphene-1     | 5.735f | 6.613  | 100.6E6  | 306546   | 13271.034 | 7.220 #    |
| 23)                         | Toxaphene-2     | 6.215f | 6.841f | 34617    | 335534   | 4.368     | 3.569      |
| 24)                         | Toxaphene-3     | 6.269  | 7.341f | 832773   | 590.2E6  | 45.289    | 2850.962 # |
| 25)                         | Toxaphene-4     | 7.055  | 0.000  | 433900   | 0        | 19.236    | N.D. #     |
| -----                       |                 |        |        |          |          |           |            |

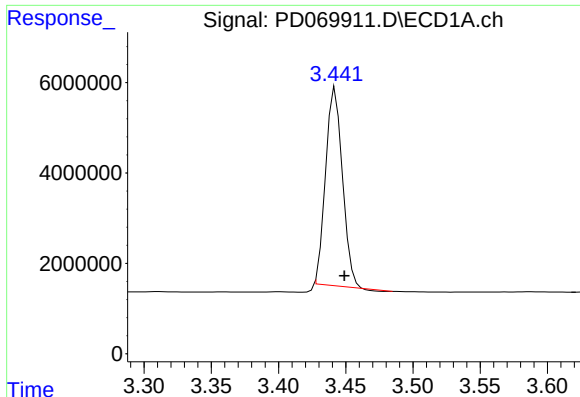
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052922\  
Data File : PD069911.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 May 2022 17:22  
Operator : AR\AJ  
Sample : INDA401  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 01:35:57 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052922CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon May 30 09:45:07 2022  
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

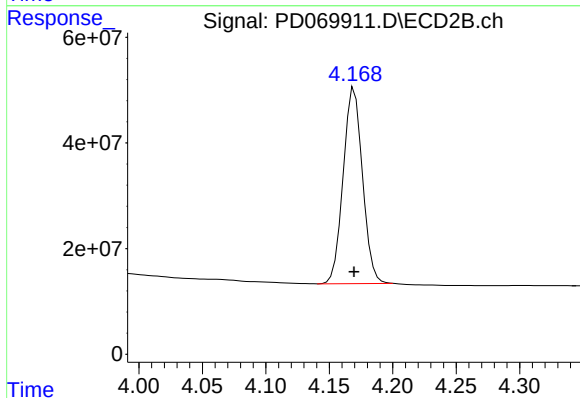




#1 Tetrachloro-m-xylene

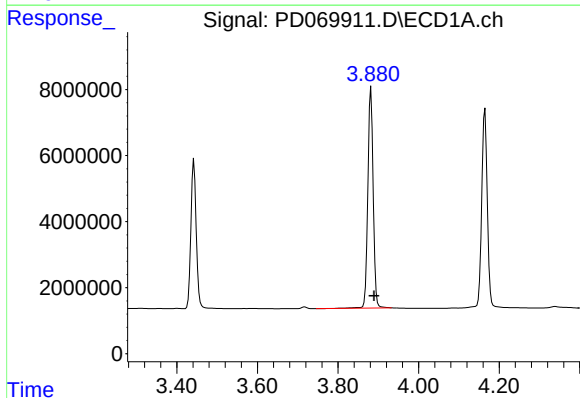
R.T.: 3.442 min  
Delta R.T.: -0.007 min  
Response: 37451682  
Conc: 36.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



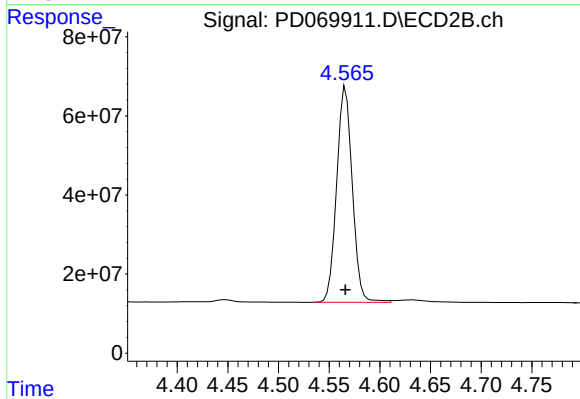
#1 Tetrachloro-m-xylene

R.T.: 4.170 min  
Delta R.T.: 0.000 min  
Response: 392356014  
Conc: 40.02 ng/ml



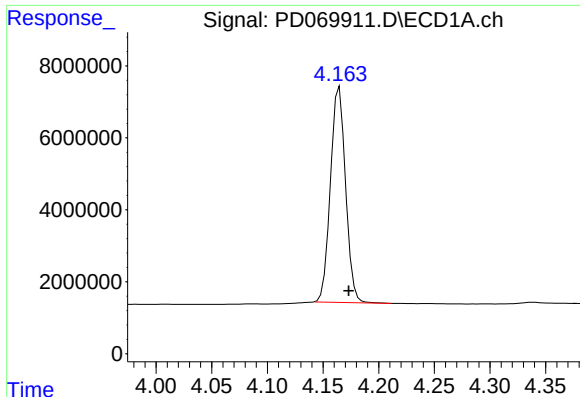
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.008 min  
Response: 61560485  
Conc: 42.38 ng/ml



#2 alpha-BHC

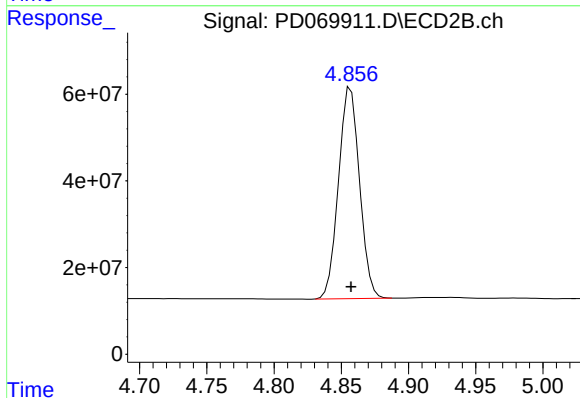
R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 586145923  
Conc: 41.99 ng/ml



#3 gamma-BHC (Lindane)

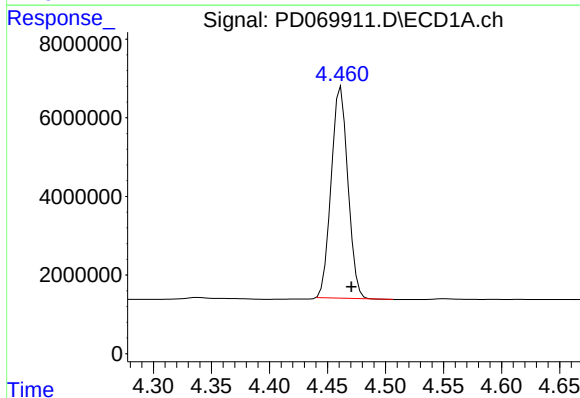
R.T.: 4.165 min  
Delta R.T.: -0.008 min  
Response: 56478445  
Conc: 39.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



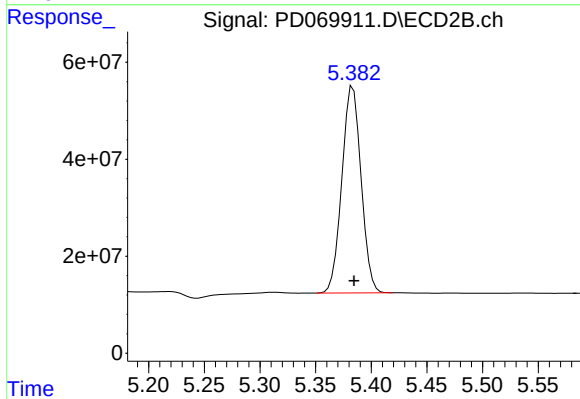
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 529470094  
Conc: 40.05 ng/ml



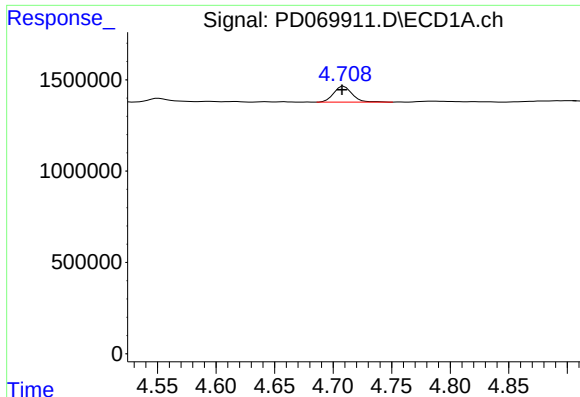
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: -0.009 min  
Response: 53810039  
Conc: 39.67 ng/ml



#4 Heptachlor

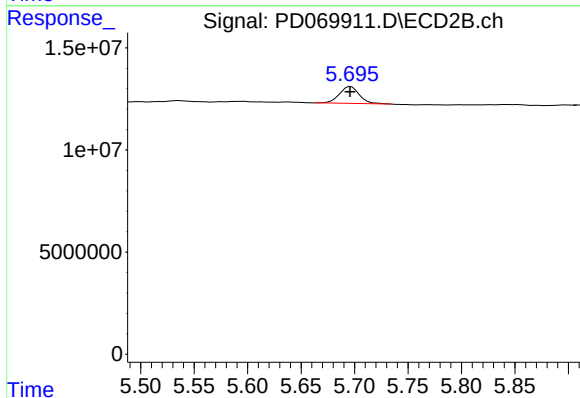
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 512345314  
Conc: 39.28 ng/ml



#5 Aldrin

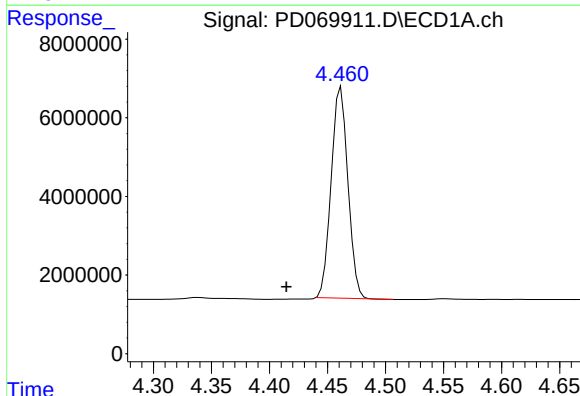
R.T.: 4.709 min  
Delta R.T.: 0.001 min  
Response: 961779  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



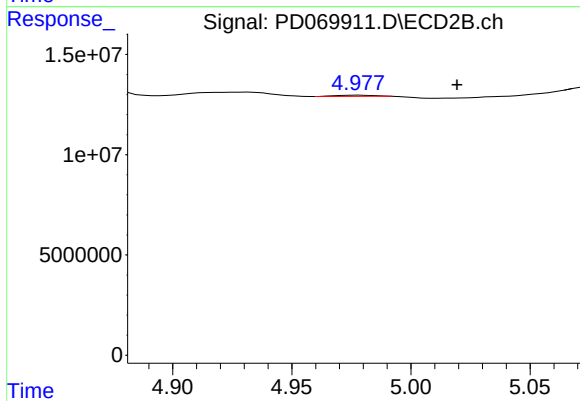
#5 Aldrin

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 10643863  
Conc: 0.82 ng/ml



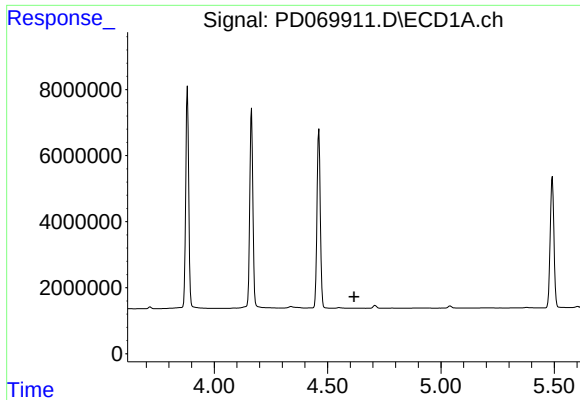
#6 beta-BHC

R.T.: 4.462 min  
Delta R.T.: 0.047 min  
Response: 53810039  
Conc: 81.45 ng/ml



#6 beta-BHC

R.T.: 4.977 min  
Delta R.T.: -0.042 min  
Response: 589534  
Conc: N.D.

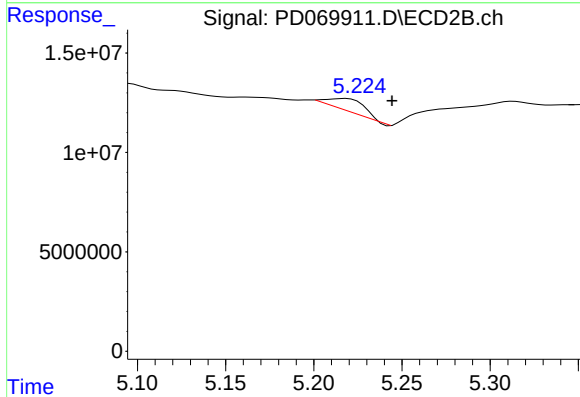


#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

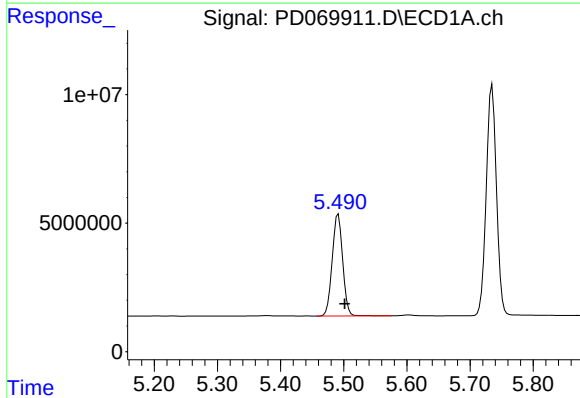
Time



#7 delta-BHC

R.T.: 5.218 min  
Delta R.T.: -0.027 min  
Response: 8996682  
Conc: 0.76 ng/ml

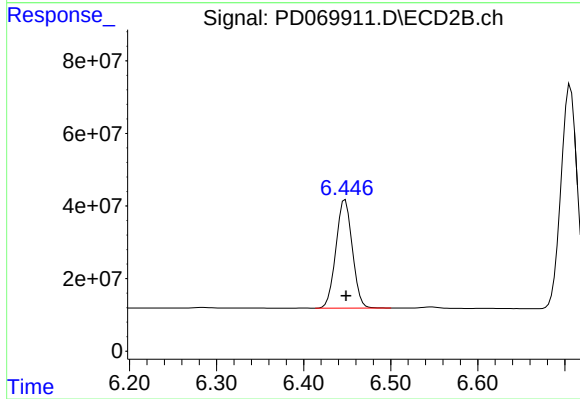
Time



#9 Endosulfan I

R.T.: 5.491 min  
Delta R.T.: -0.010 min  
Response: 45668499  
Conc: 39.59 ng/ml

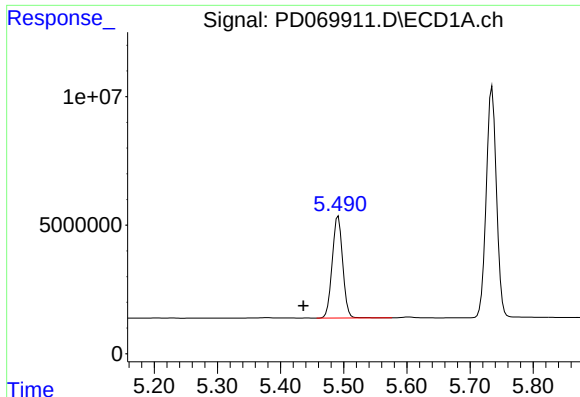
Time



#9 Endosulfan I

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 391368912  
Conc: 38.60 ng/ml

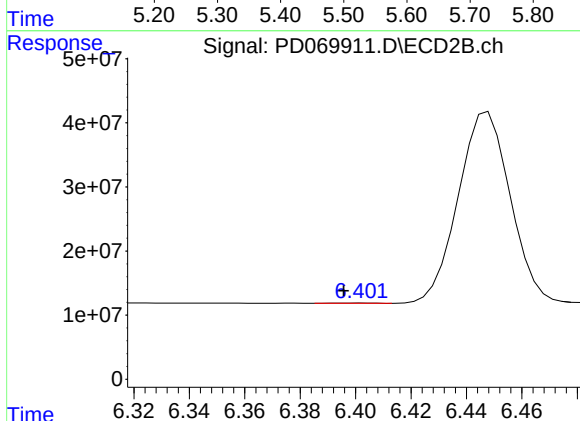
Time



#11 cis-Chlordane

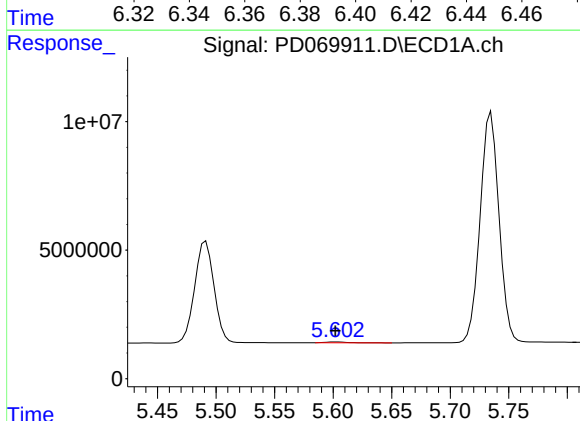
R.T.: 5.491 min  
Delta R.T.: 0.055 min  
Response: 45668499  
Conc: 36.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



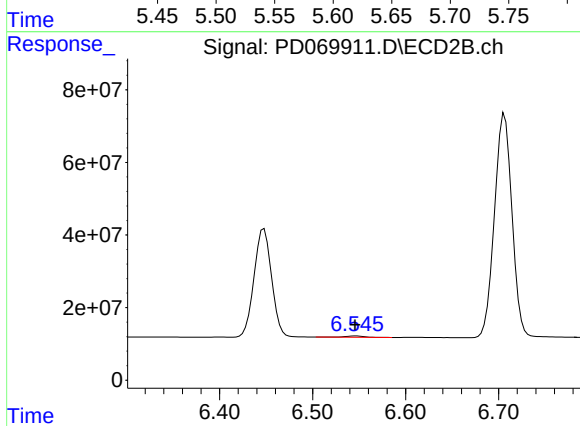
#11 cis-Chlordane

R.T.: 6.402 min  
Delta R.T.: 0.007 min  
Response: 460641  
Conc: N.D.



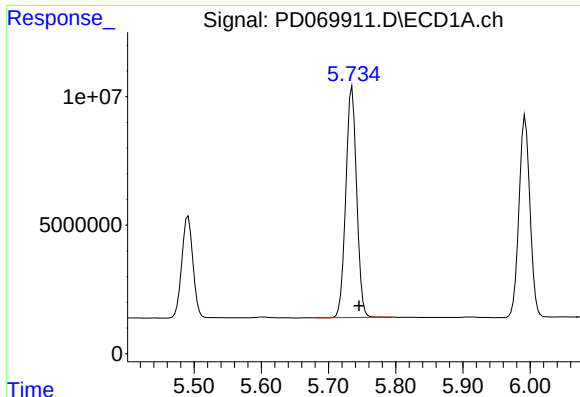
#12 4,4'-DDE

R.T.: 5.603 min  
Delta R.T.: 0.001 min  
Response: 461129  
Conc: 0.40 ng/ml



#12 4,4'-DDE

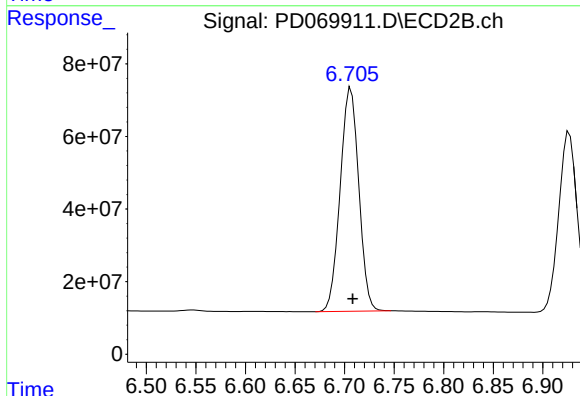
R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 4784831  
Conc: 0.49 ng/ml



#13 Dieldrin

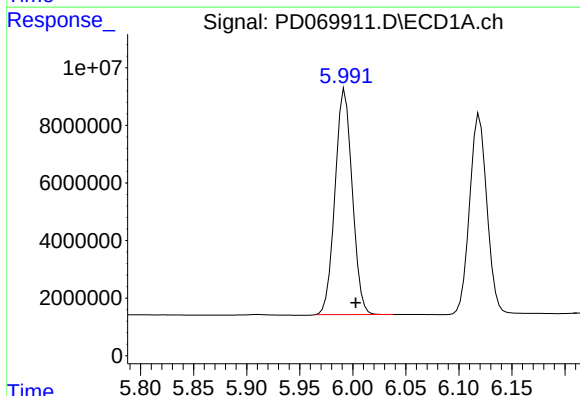
R.T.: 5.735 min  
Delta R.T.: -0.010 min  
Response: 100563318  
Conc: 81.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



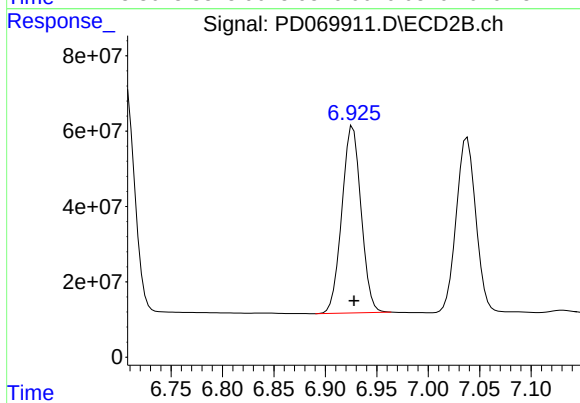
#13 Dieldrin

R.T.: 6.706 min  
Delta R.T.: -0.002 min  
Response: 804309693  
Conc: 78.06 ng/ml



#14 Endrin

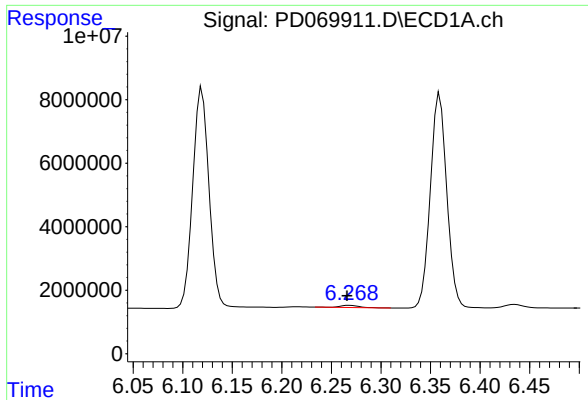
R.T.: 5.993 min  
Delta R.T.: -0.010 min  
Response: 88401856  
Conc: 80.98 ng/ml



#14 Endrin

R.T.: 6.927 min  
Delta R.T.: -0.001 min  
Response: 644863560  
Conc: 80.09 ng/ml

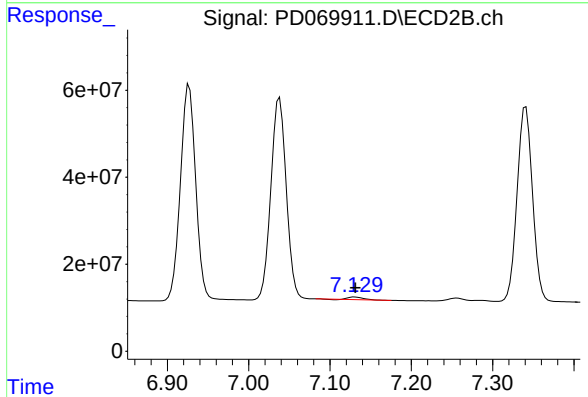




#15 Endosulfan II

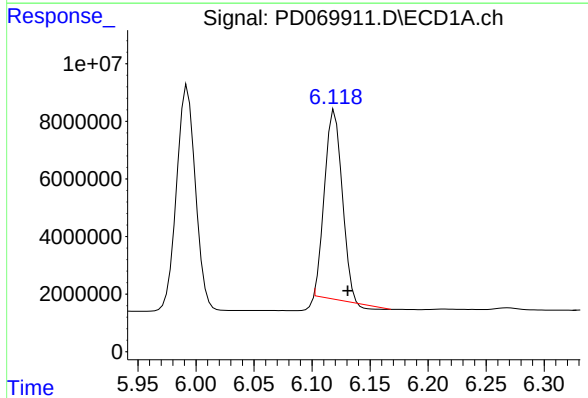
R.T.: 6.269 min  
Delta R.T.: 0.003 min  
Response: 832773  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



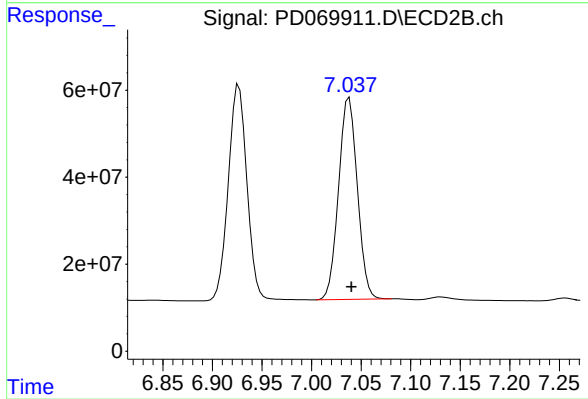
#15 Endosulfan II

R.T.: 7.131 min  
Delta R.T.: 0.000 min  
Response: 7423982  
Conc: 0.86 ng/ml



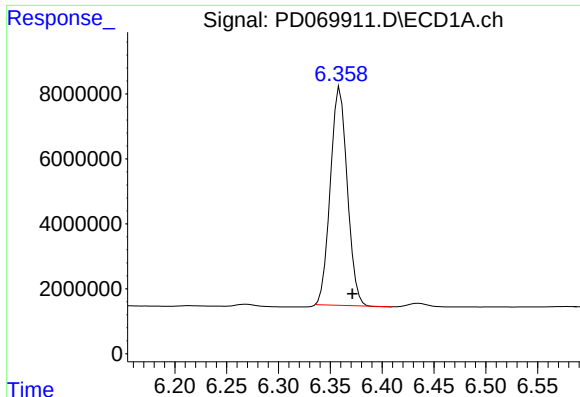
#16 4,4'-DDD

R.T.: 6.119 min  
Delta R.T.: -0.011 min  
Response: 67409638  
Conc: 69.64 ng/ml



#16 4,4'-DDD

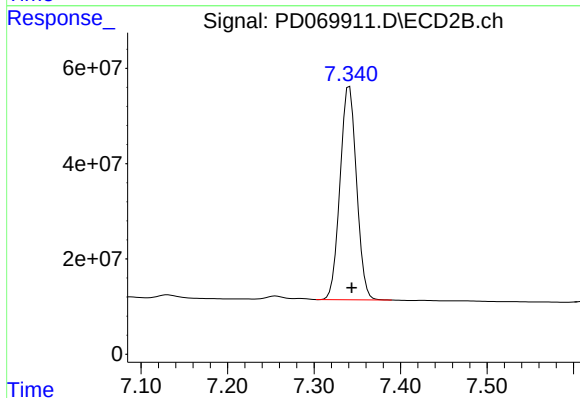
R.T.: 7.038 min  
Delta R.T.: -0.002 min  
Response: 612182759  
Conc: 77.79 ng/ml



#17 4,4'-DDT

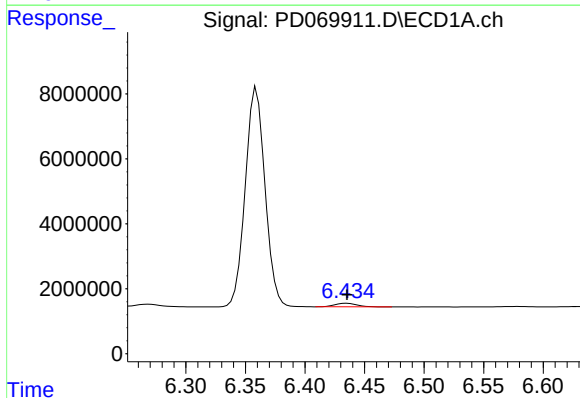
R.T.: 6.359 min  
Delta R.T.: -0.012 min  
Response: 76341350  
Conc: 81.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



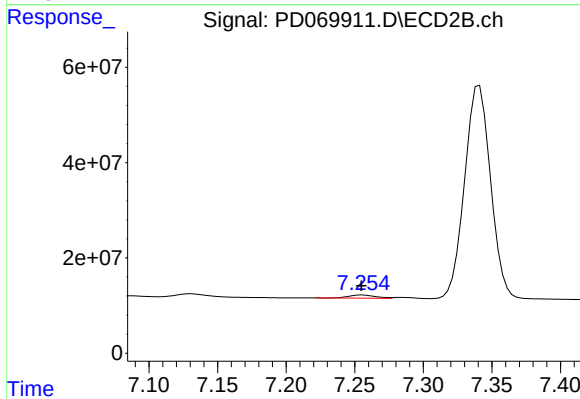
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: -0.003 min  
Response: 590222152  
Conc: 78.65 ng/ml



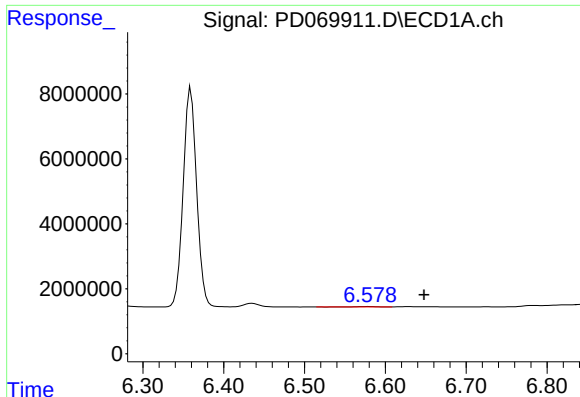
#18 Endrin aldehyde

R.T.: 6.435 min  
Delta R.T.: 0.000 min  
Response: 1422912  
Conc: 1.64 ng/ml



#18 Endrin aldehyde

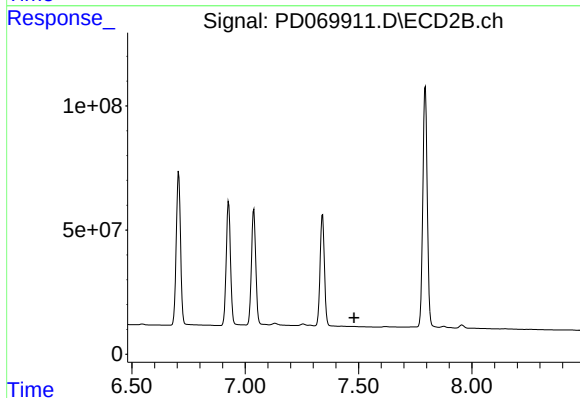
R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 9138713  
Conc: 1.40 ng/ml



#19 Endosulfan Sulfate

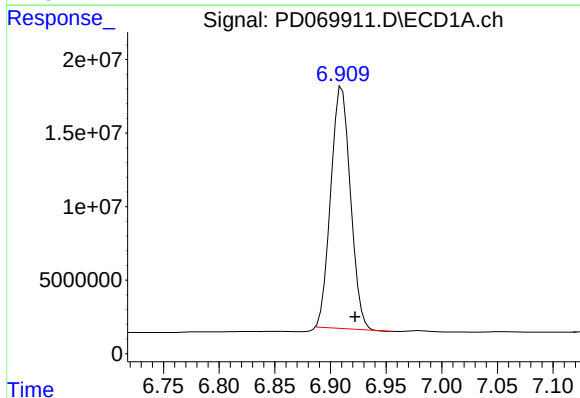
R.T.: 6.579 min  
Delta R.T.: -0.069 min  
Response: 246767  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



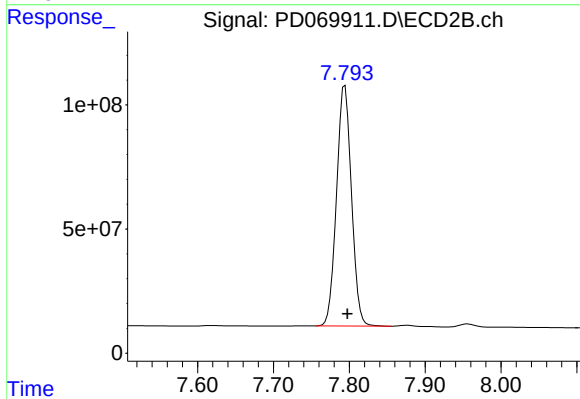
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.480 min  
Response: 0  
Conc: N.D.



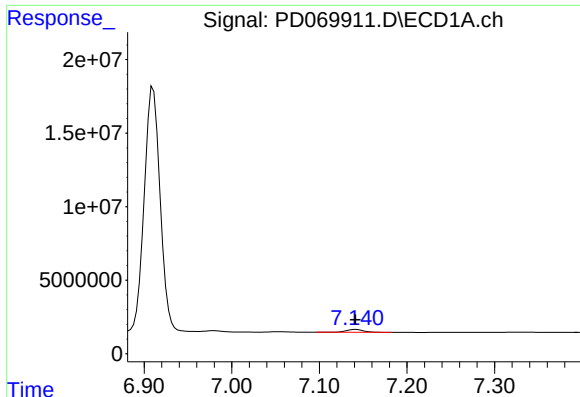
#20 Methoxychlor

R.T.: 6.910 min  
Delta R.T.: -0.012 min  
Response: 201955700  
Conc: 380.68 ng/ml



#20 Methoxychlor

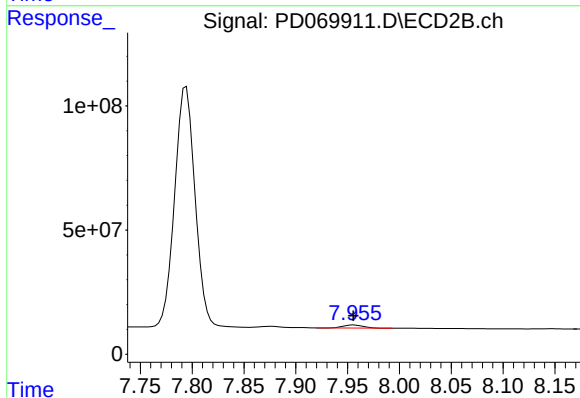
R.T.: 7.794 min  
Delta R.T.: -0.003 min  
Response: 1324944840  
Conc: 381.19 ng/ml



#21 Endrin ketone

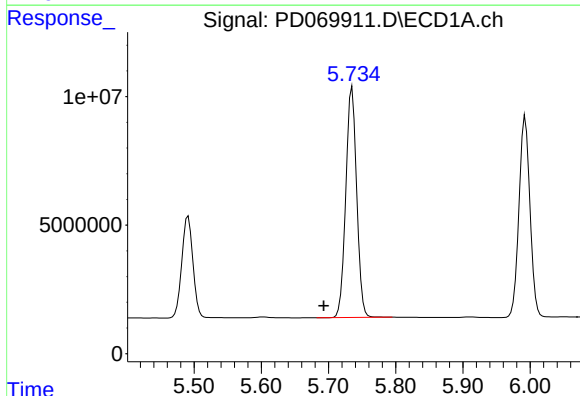
R.T.: 7.142 min  
Delta R.T.: 0.000 min  
Response: 2572132  
Conc: 2.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



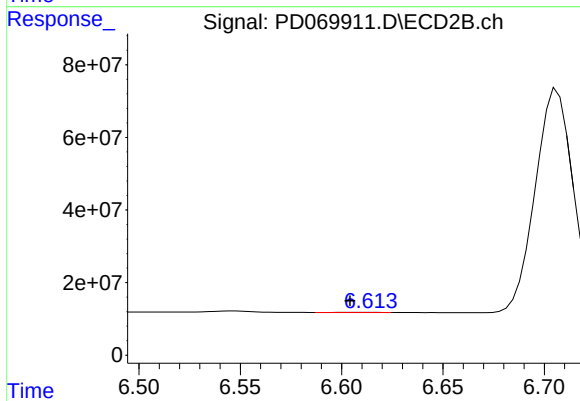
#21 Endrin ketone

R.T.: 7.956 min  
Delta R.T.: 0.000 min  
Response: 16793825  
Conc: 2.02 ng/ml



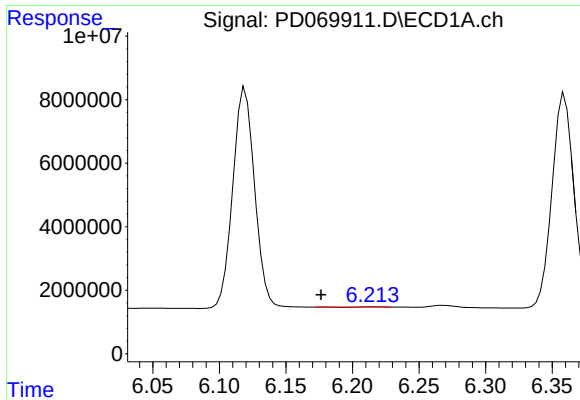
#22 Toxaphene-1

R.T.: 5.735 min  
Delta R.T.: 0.042 min  
Response: 100563318  
Conc: 13271.03 ng/ml



#22 Toxaphene-1

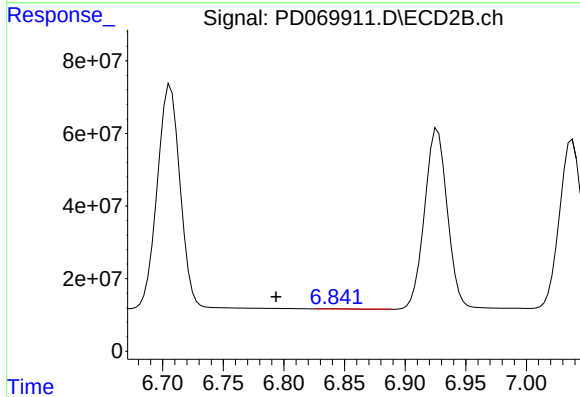
R.T.: 6.613 min  
Delta R.T.: 0.009 min  
Response: 306546  
Conc: 7.22 ng/ml



#23 Toxaphene-2

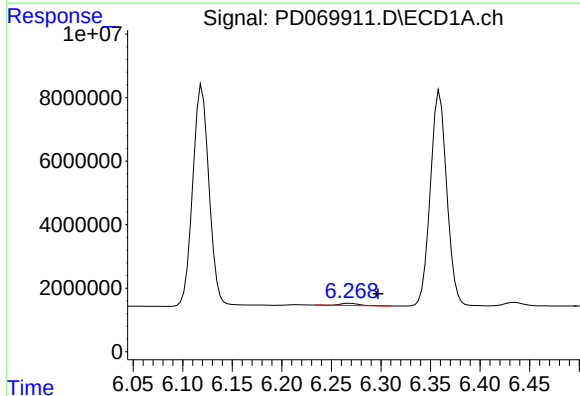
R.T.: 6.215 min  
Delta R.T.: 0.038 min  
Response: 34617  
Conc: 4.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



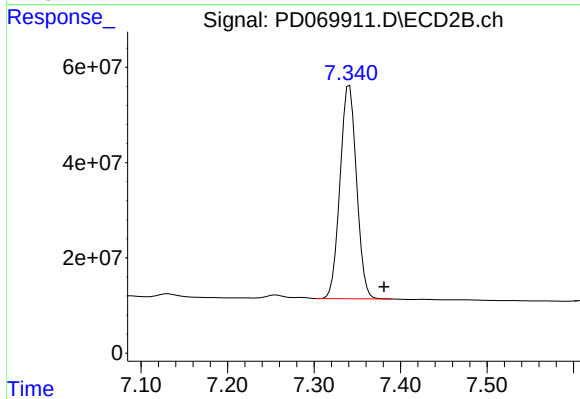
#23 Toxaphene-2

R.T.: 6.841 min  
Delta R.T.: 0.047 min  
Response: 335534  
Conc: 3.57 ng/ml



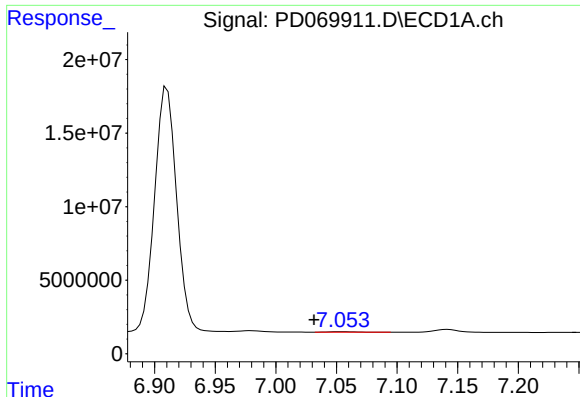
#24 Toxaphene-3

R.T.: 6.269 min  
Delta R.T.: -0.029 min  
Response: 832773  
Conc: 45.29 ng/ml



#24 Toxaphene-3

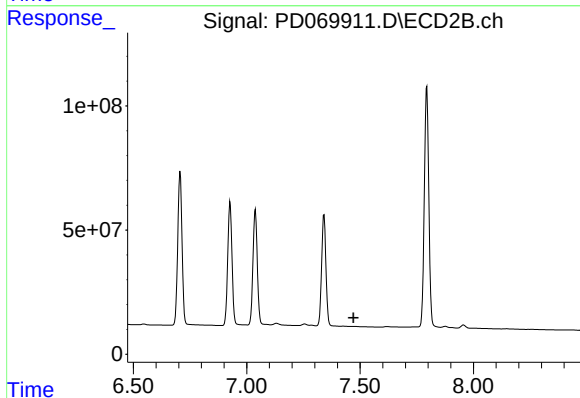
R.T.: 7.341 min  
Delta R.T.: -0.040 min  
Response: 590222152  
Conc: 2850.96 ng/ml



#25 Toxaphene-4

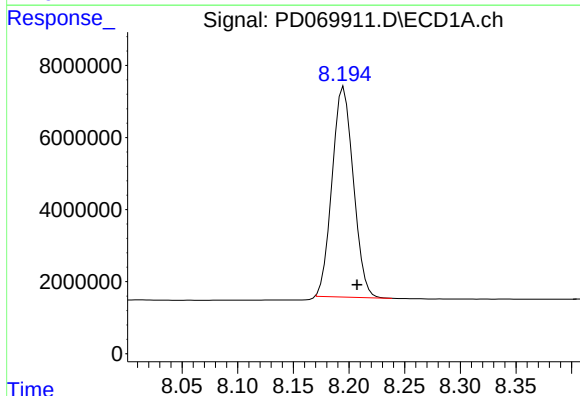
R.T.: 7.055 min  
Delta R.T.: 0.023 min  
Response: 433900  
Conc: 19.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



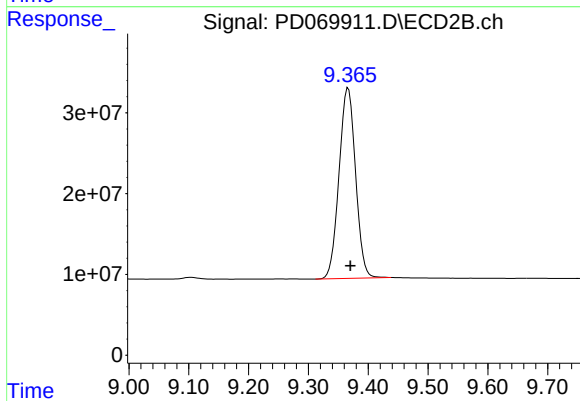
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.471 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: -0.012 min  
Response: 77422177  
Conc: 73.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.367 min  
Delta R.T.: -0.003 min  
Response: 453533321  
Conc: 75.03 ng/ml