

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041422\  
 Data File : PD069110.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Apr 2022 14:17  
 Operator : AR\AJ  
 Sample : INDA301  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 06:24:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 21 02:24:30 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

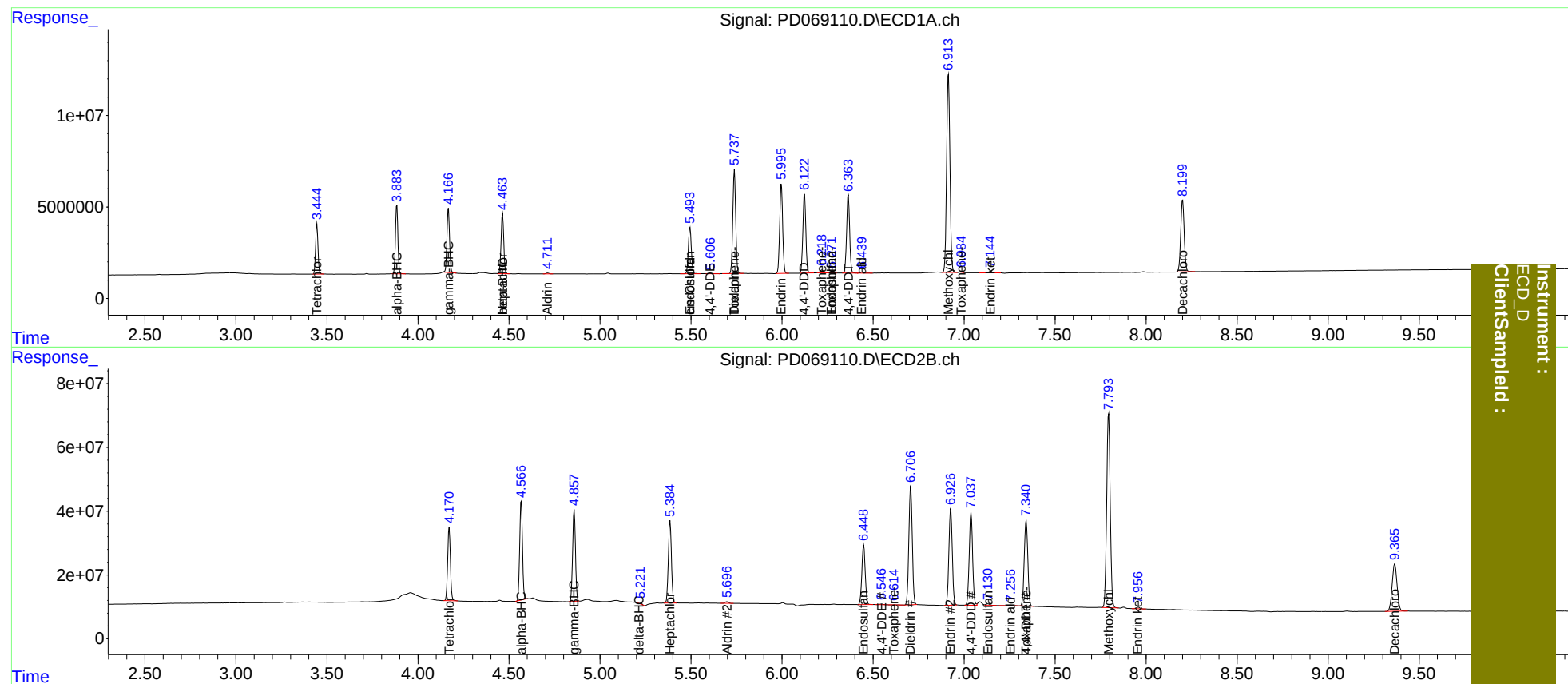
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|---------|----------|------------|
| -----                       |                 |        |        |          |         |          |            |
| System Monitoring Compounds |                 |        |        |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.445  | 4.172  | 25128272 | 242.0E6 | 19.833   | 20.050     |
| 27)                         | SA Decachlor... | 8.201  | 9.366  | 52683805 | 282.5E6 | 39.618   | 40.176     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.884  | 4.567  | 35277453 | 332.3E6 | 19.736   | 20.212     |
| 3)                          | MA gamma-BHC... | 4.167  | 4.859  | 34940822 | 312.6E6 | 19.317   | 20.063     |
| 4)                          | MA Heptachlor   | 4.465  | 5.385  | 33582545 | 304.5E6 | 19.780   | 20.116     |
| 5)                          | MB Aldrin       | 4.712  | 5.698  | 553484   | 6057228 | 0.347    | 0.424      |
| 6)                          | B beta-BHC      | 4.465f | 0.000  | 33582545 | 0       | 43.356   | N.D. #     |
| 7)                          | B delta-BHC     | 0.000  | 5.214f | 0        | 6583078 | N.D.     | 0.561      |
| 9)                          | A Endosulfan I  | 5.495  | 6.449  | 29067225 | 240.0E6 | 19.919   | 20.204     |
| 11)                         | B cis-Chlor...  | 5.495f | 6.395  | 29067225 | 410976  | 19.474   | <MDL #     |
| 12)                         | B 4,4'-DDE      | 5.607  | 6.547  | 395817   | 2549224 | 0.295    | 0.234      |
| 13)                         | MA Dieldrin     | 5.739  | 6.707  | 62427320 | 486.4E6 | 40.109   | 40.327     |
| 14)                         | MA Endrin       | 5.996  | 6.927  | 55920127 | 396.0E6 | 39.966   | 40.714     |
| 15)                         | B Endosulfa...  | 6.273  | 7.131  | 562157   | 7635811 | 0.436    | 0.797 #    |
| 16)                         | A 4,4'-DDD      | 6.124  | 7.039  | 48932722 | 376.9E6 | 40.135   | 40.253     |
| 17)                         | MA 4,4'-DDT     | 6.364  | 7.341  | 49465238 | 364.5E6 | 40.324   | 40.489     |
| 18)                         | B Endrin al...  | 6.440  | 7.257  | 652521   | 2456652 | 0.657    | 0.344 #    |
| 20)                         | A Methoxychlor  | 6.914  | 7.794  | 137.1E6  | 828.8E6 | 202.086  | 201.116    |
| 21)                         | B Endrin ke...  | 7.146  | 7.957  | 1189882  | 6596108 | 0.824    | 0.714      |
| 22)                         | Toxaphene-1     | 5.739f | 6.614  | 62427320 | 254991  | 6648.014 | 5.406 #    |
| 23)                         | Toxaphene-2     | 6.220f | 0.000  | 2195203  | 0       | 220.344  | N.D. #     |
| 24)                         | Toxaphene-3     | 6.273  | 7.341f | 562157   | 364.5E6 | 23.719   | 1501.727 # |
| 26)                         | Toxaphene-5     | 6.985f | 0.000  | 231121   | 0       | 8.522    | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

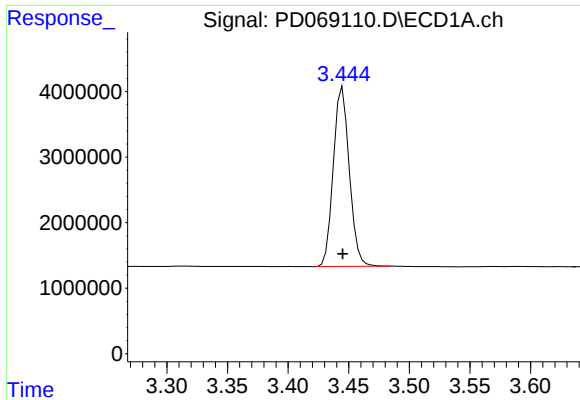
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041422\  
Data File : PD069110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Apr 2022 14:17  
Operator : AR\AJ  
Sample : INDA301  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 06:24:08 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041422CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 21 02:24:30 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

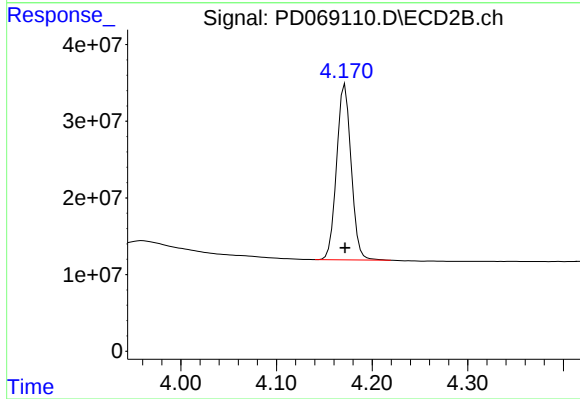




#1 Tetrachloro-m-xylene

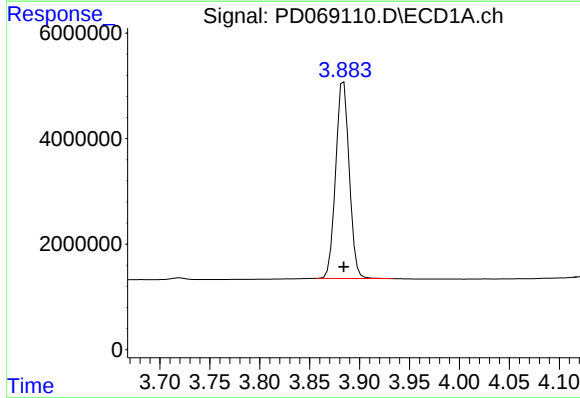
R.T.: 3.445 min  
Delta R.T.: 0.000 min  
Response: 25128272  
Conc: 19.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



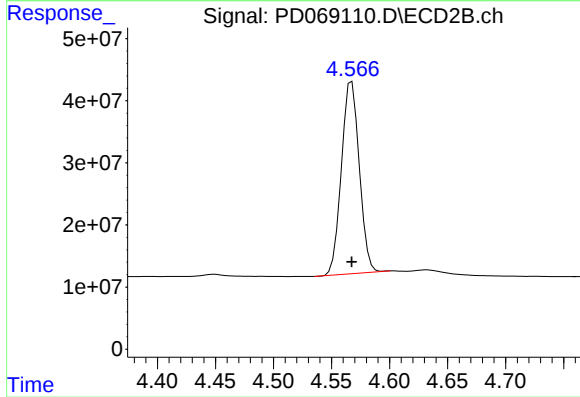
#1 Tetrachloro-m-xylene

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 241989396  
Conc: 20.05 ng/ml



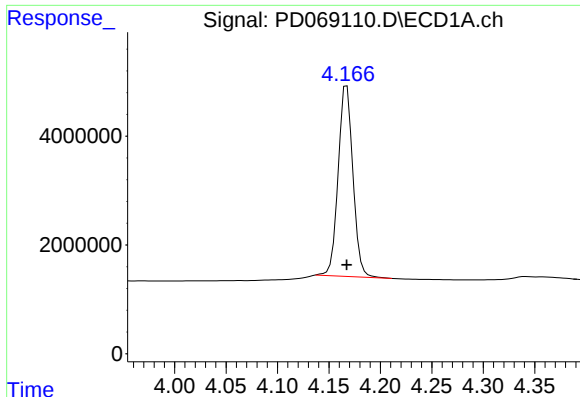
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: 0.000 min  
Response: 35277453  
Conc: 19.74 ng/ml



#2 alpha-BHC

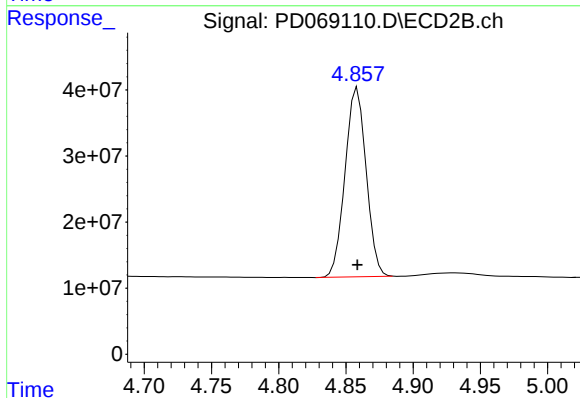
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 332272503  
Conc: 20.21 ng/ml



#3 gamma-BHC (Lindane)

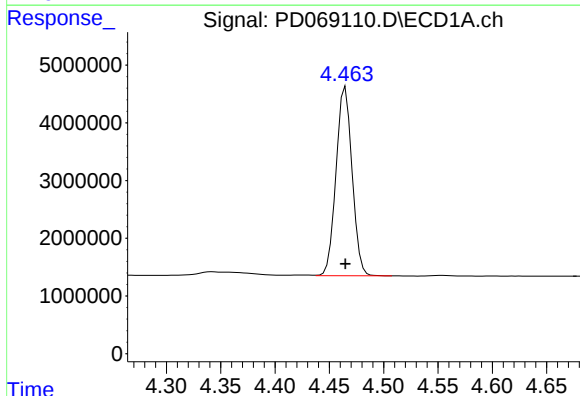
R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 34940822  
Conc: 19.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



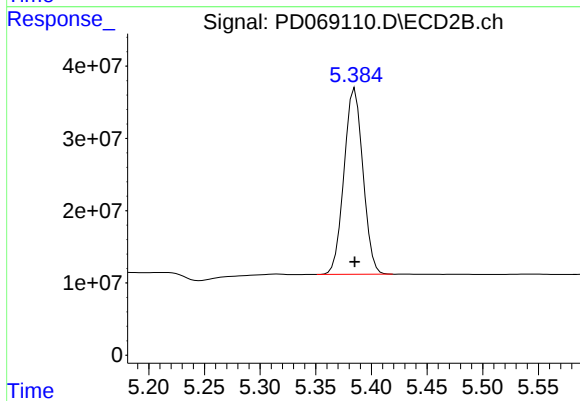
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 312585057  
Conc: 20.06 ng/ml



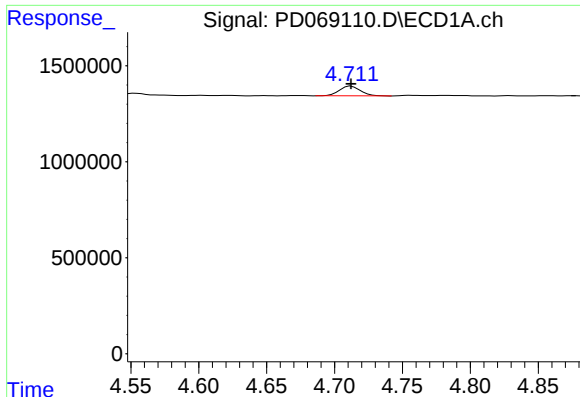
#4 Heptachlor

R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 33582545  
Conc: 19.78 ng/ml



#4 Heptachlor

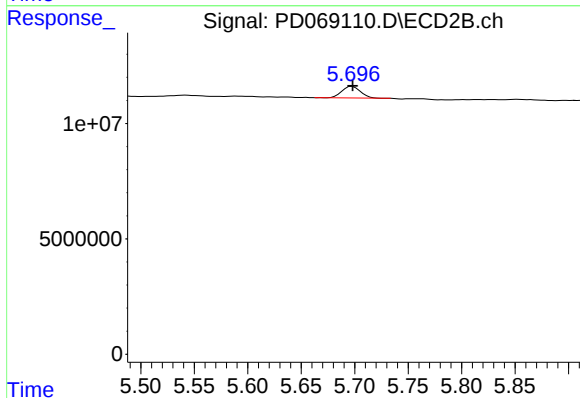
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 304523678  
Conc: 20.12 ng/ml



#5 Aldrin

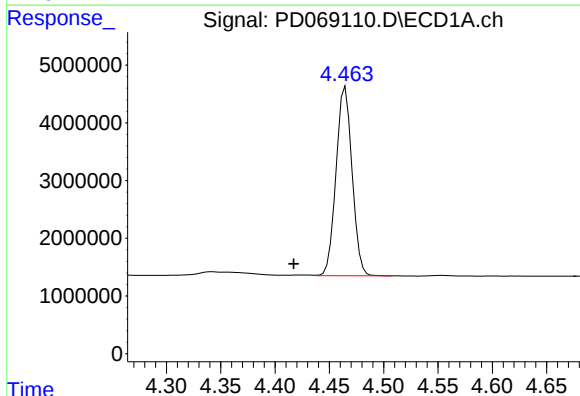
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 553484  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



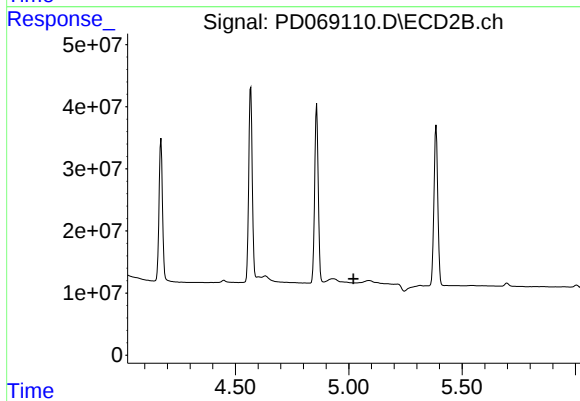
#5 Aldrin

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 6057228  
Conc: 0.42 ng/ml



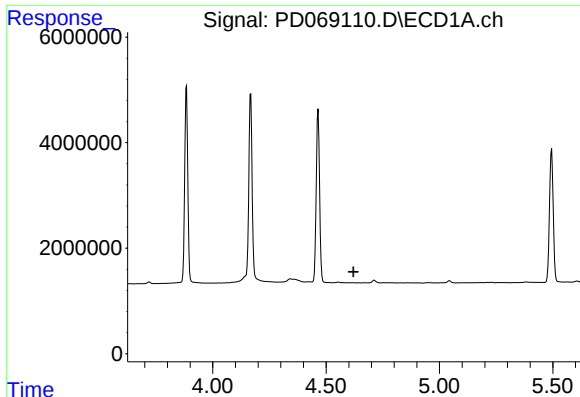
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: 0.047 min  
Response: 33582545  
Conc: 43.36 ng/ml



#6 beta-BHC

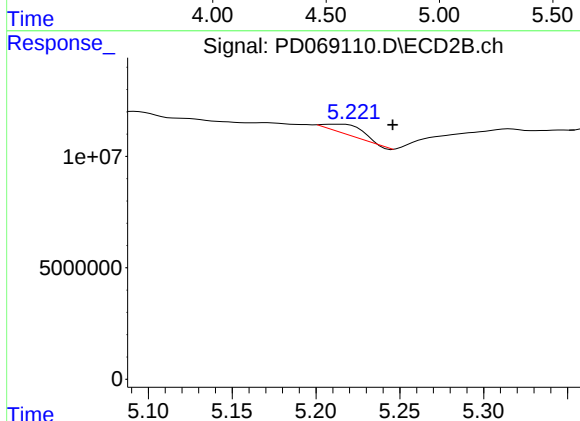
R.T.: 0.000 min  
Exp R.T. : 5.021 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

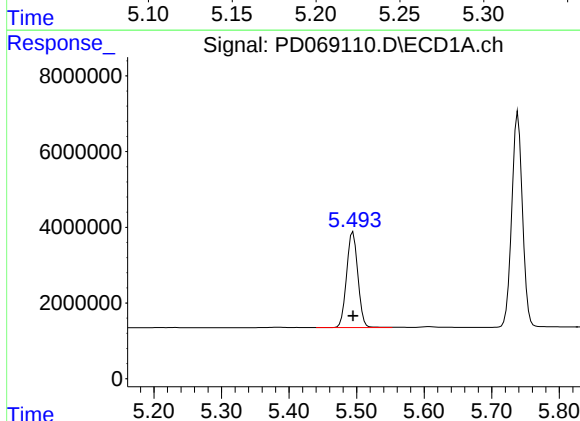
R.T.: 0.000 min  
Exp R.T.: 4.621 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



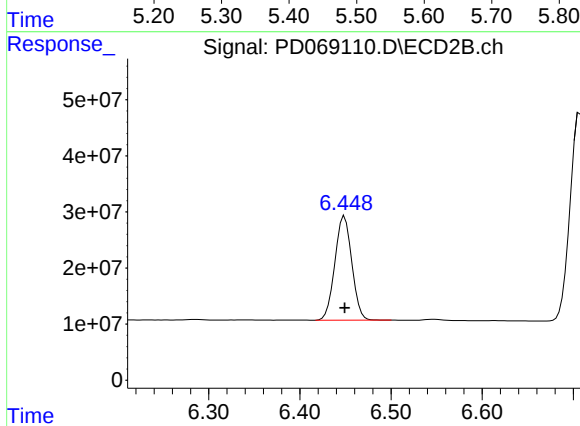
#7 delta-BHC

R.T.: 5.214 min  
Delta R.T.: -0.032 min  
Response: 6583078  
Conc: 0.56 ng/ml



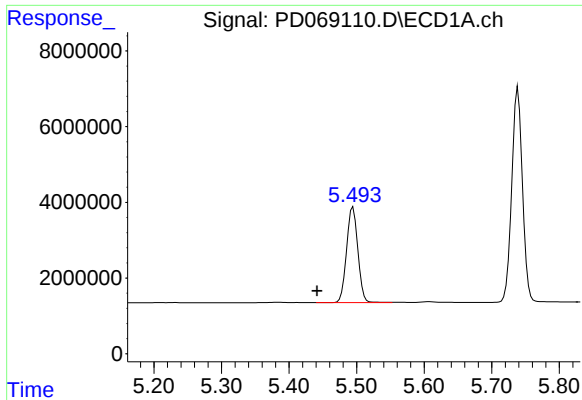
#9 Endosulfan I

R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 29067225  
Conc: 19.92 ng/ml



#9 Endosulfan I

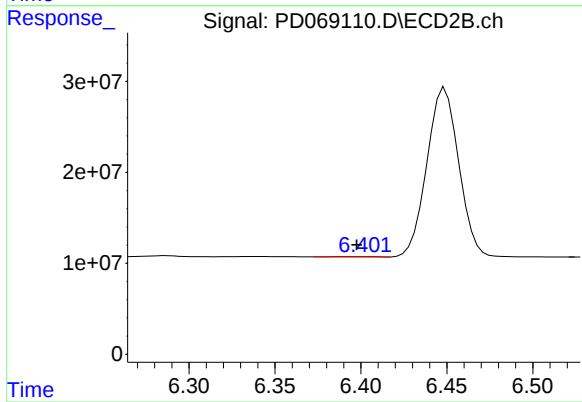
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 239967110  
Conc: 20.20 ng/ml



#11 cis-Chlordane

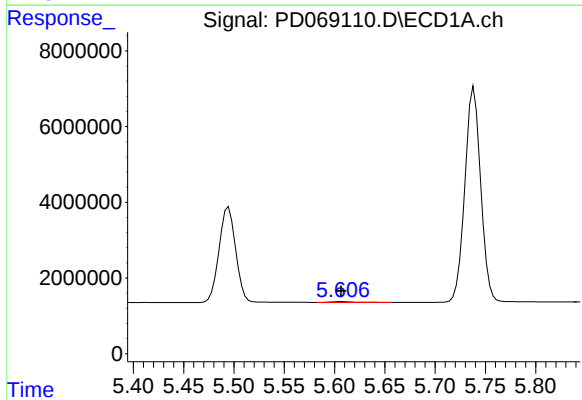
R.T.: 5.495 min  
Delta R.T.: 0.053 min  
Response: 29067225  
Conc: 19.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



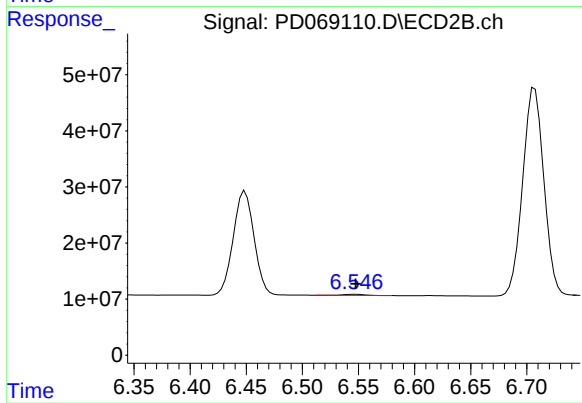
#11 cis-Chlordane

R.T.: 6.395 min  
Delta R.T.: -0.003 min  
Response: 410976  
Conc: N.D.



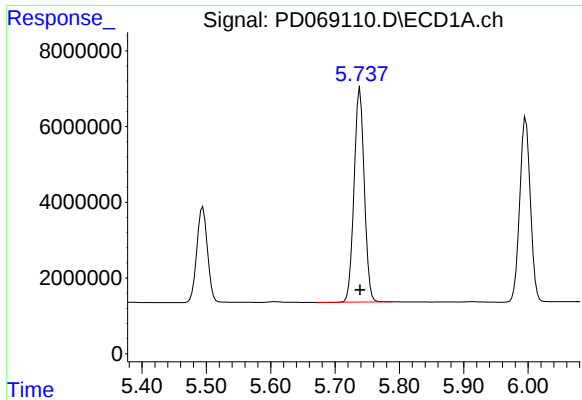
#12 4,4'-DDE

R.T.: 5.607 min  
Delta R.T.: 0.000 min  
Response: 395817  
Conc: 0.30 ng/ml



#12 4,4'-DDE

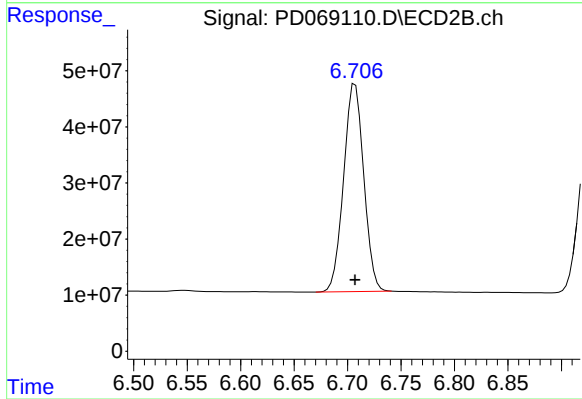
R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 2549224  
Conc: 0.23 ng/ml



#13 Dieldrin

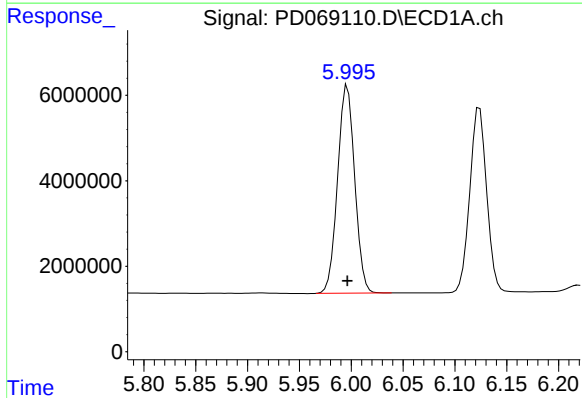
R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 62427320  
Conc: 40.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



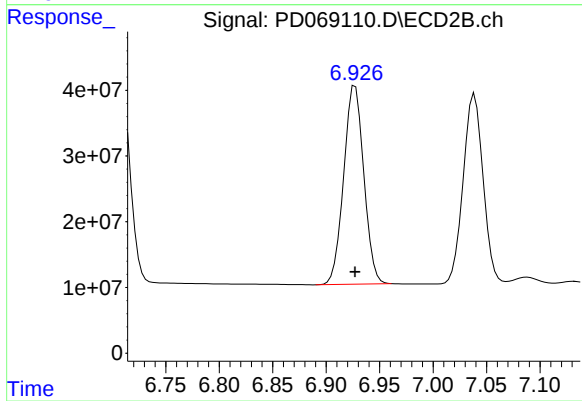
#13 Dieldrin

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 486413781  
Conc: 40.33 ng/ml



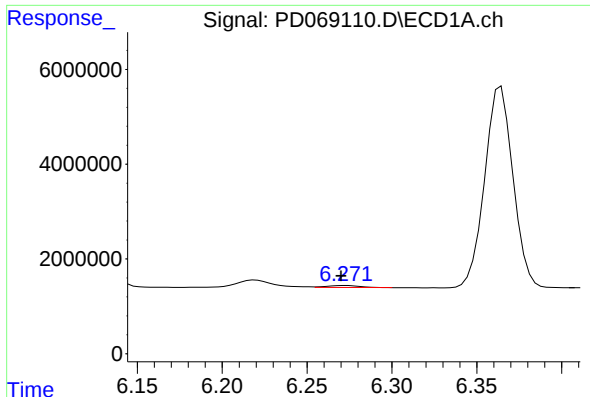
#14 Endrin

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 55920127  
Conc: 39.97 ng/ml



#14 Endrin

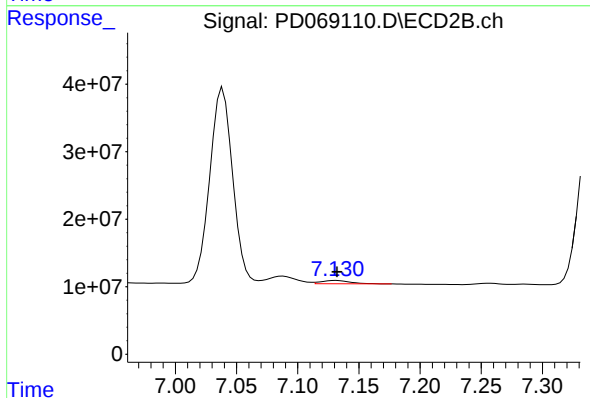
R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 395956833  
Conc: 40.71 ng/ml



#15 Endosulfan II

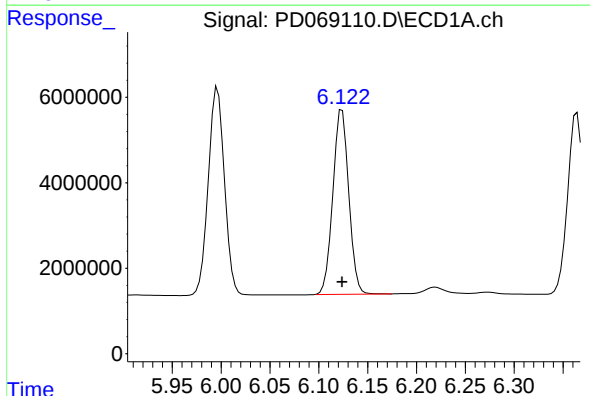
R.T.: 6.273 min  
Delta R.T.: 0.003 min  
Response: 562157  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



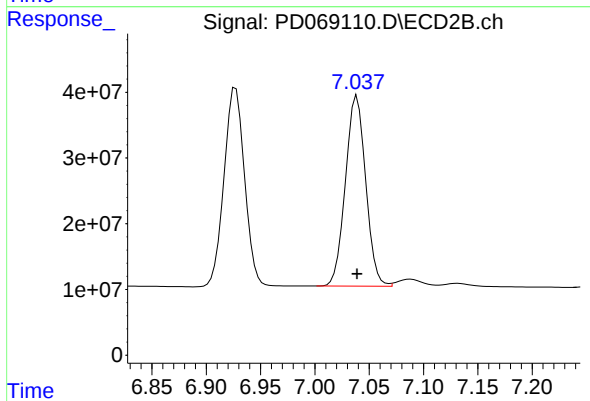
#15 Endosulfan II

R.T.: 7.131 min  
Delta R.T.: 0.000 min  
Response: 7635811  
Conc: 0.80 ng/ml



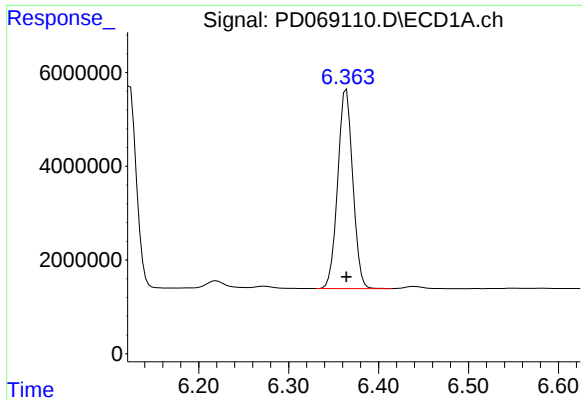
#16 4,4'-DDD

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 48932722  
Conc: 40.13 ng/ml



#16 4,4'-DDD

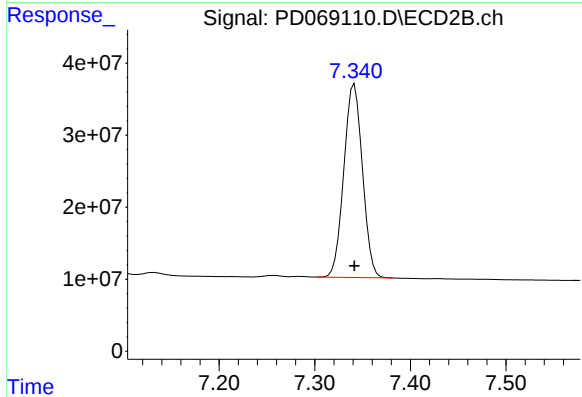
R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 376934970  
Conc: 40.25 ng/ml



#17 4,4'-DDT

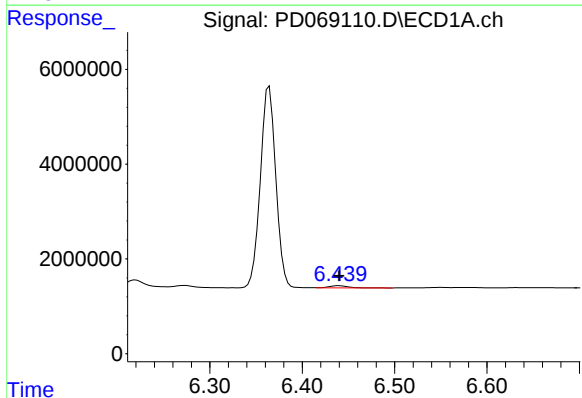
R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 49465238  
Conc: 40.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



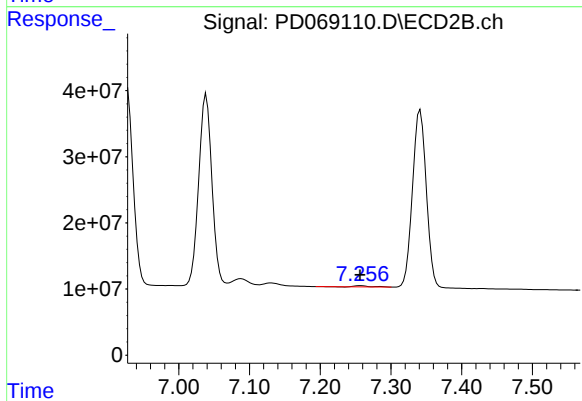
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 364481670  
Conc: 40.49 ng/ml



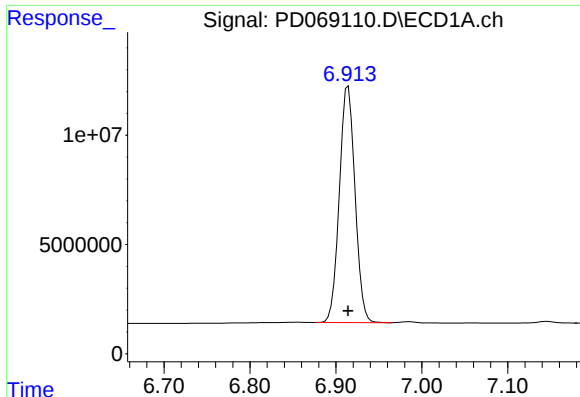
#18 Endrin aldehyde

R.T.: 6.440 min  
Delta R.T.: 0.000 min  
Response: 652521  
Conc: 0.66 ng/ml



#18 Endrin aldehyde

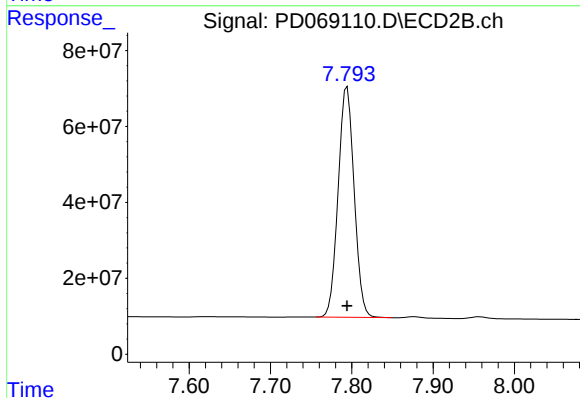
R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 2456652  
Conc: 0.34 ng/ml



#20 Methoxychlor

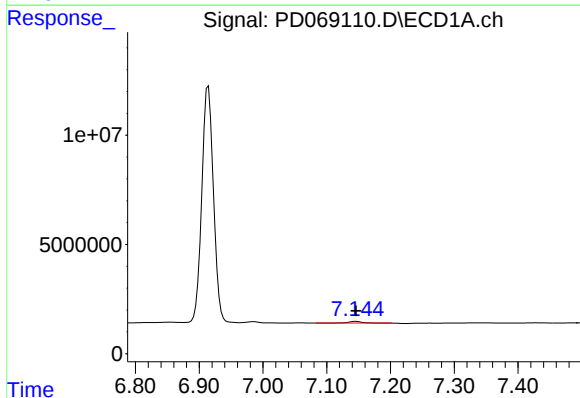
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 137147917  
Conc: 202.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



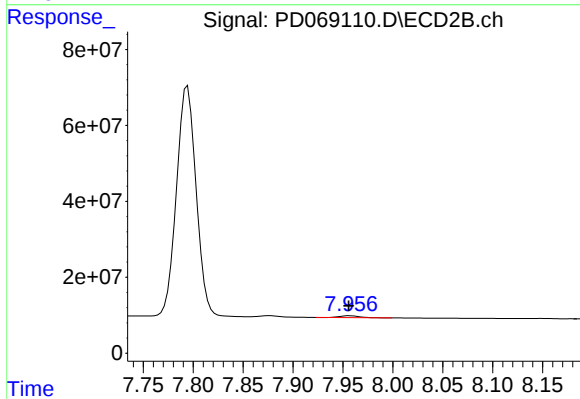
#20 Methoxychlor

R.T.: 7.794 min  
Delta R.T.: 0.000 min  
Response: 828814018  
Conc: 201.12 ng/ml



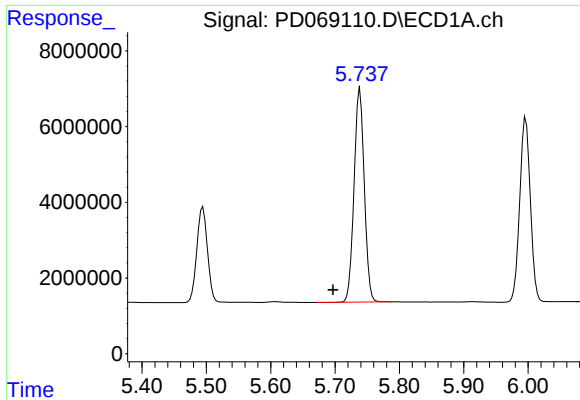
#21 Endrin ketone

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 1189882  
Conc: 0.82 ng/ml



#21 Endrin ketone

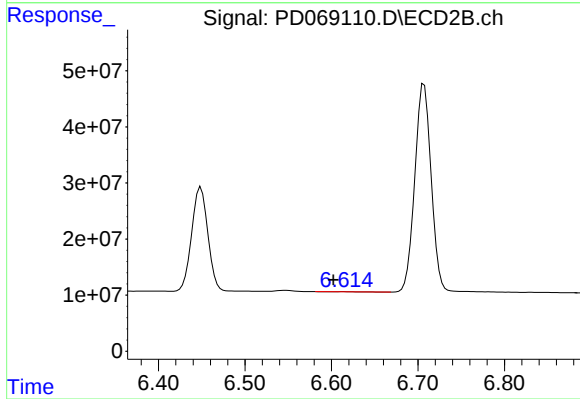
R.T.: 7.957 min  
Delta R.T.: 0.001 min  
Response: 6596108  
Conc: 0.71 ng/ml



#22 Toxaphene-1

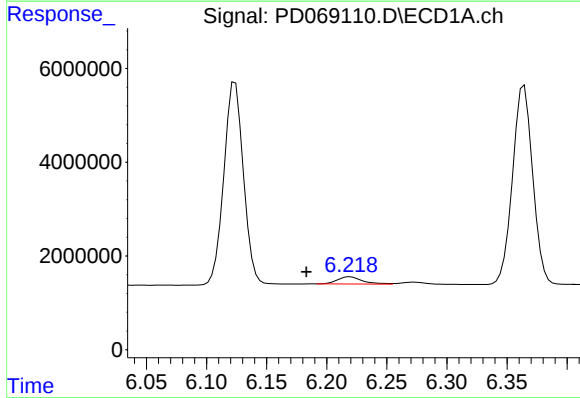
R.T.: 5.739 min  
Delta R.T.: 0.041 min  
Response: 62427320  
Conc: 6648.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



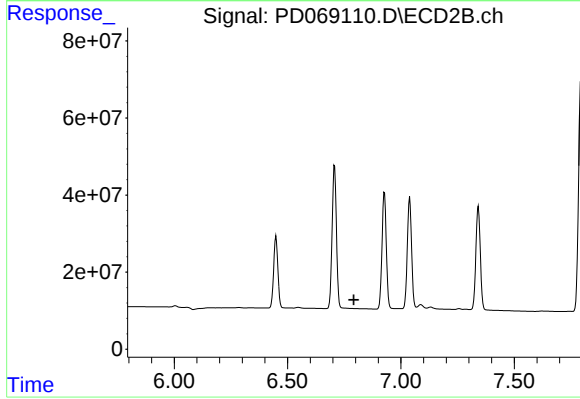
#22 Toxaphene-1

R.T.: 6.614 min  
Delta R.T.: 0.011 min  
Response: 254991  
Conc: 5.41 ng/ml



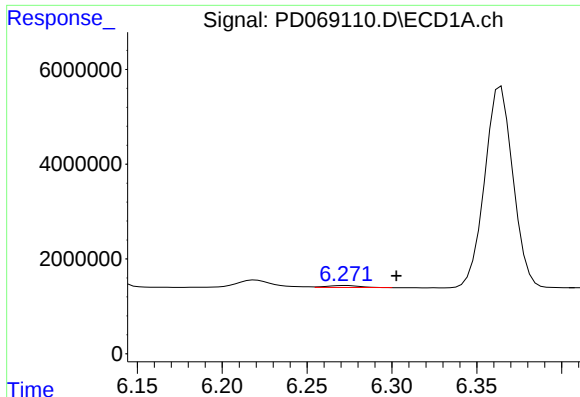
#23 Toxaphene-2

R.T.: 6.220 min  
Delta R.T.: 0.036 min  
Response: 2195203  
Conc: 220.34 ng/ml



#23 Toxaphene-2

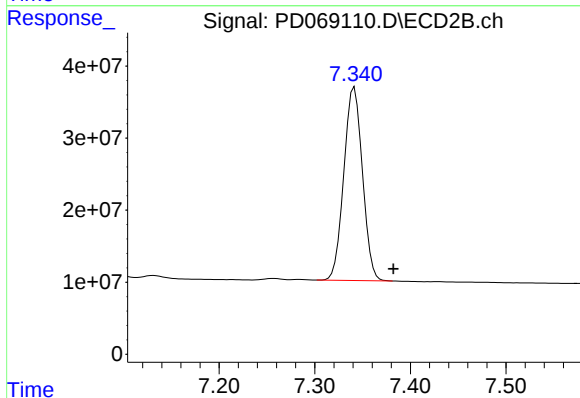
R.T.: 0.000 min  
Exp R.T.: 6.792 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

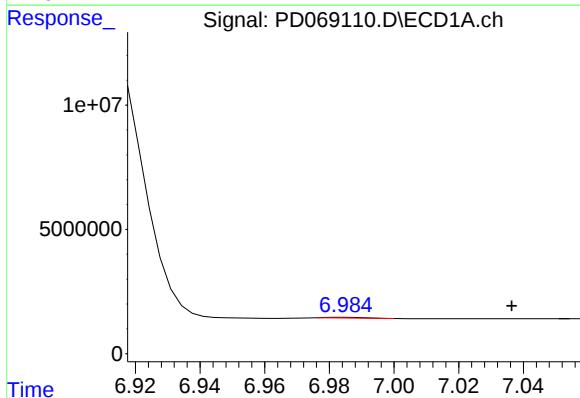
R.T.: 6.273 min  
Delta R.T.: -0.030 min  
Response: 562157  
Conc: 23.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



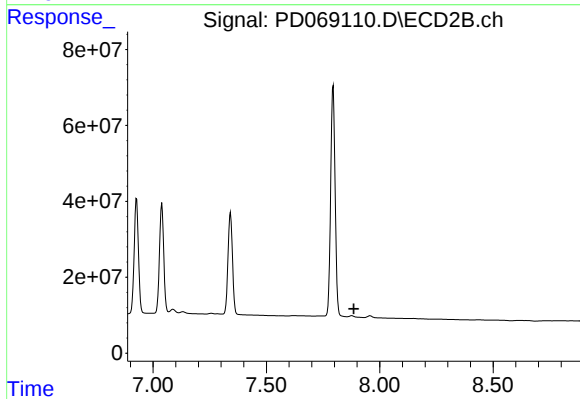
#24 Toxaphene-3

R.T.: 7.341 min  
Delta R.T.: -0.041 min  
Response: 364481670  
Conc: 1501.73 ng/ml



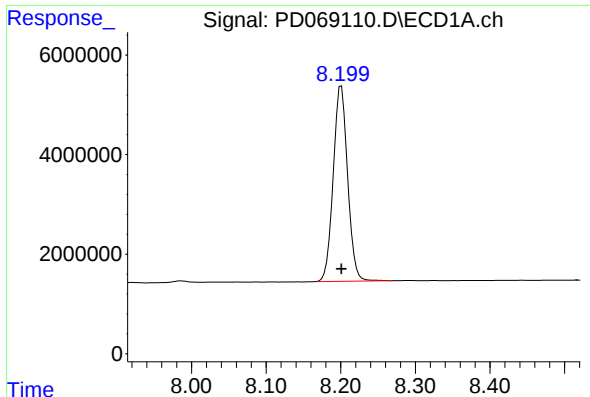
#26 Toxaphene-5

R.T.: 6.985 min  
Delta R.T.: -0.051 min  
Response: 231121  
Conc: 8.52 ng/ml



#26 Toxaphene-5

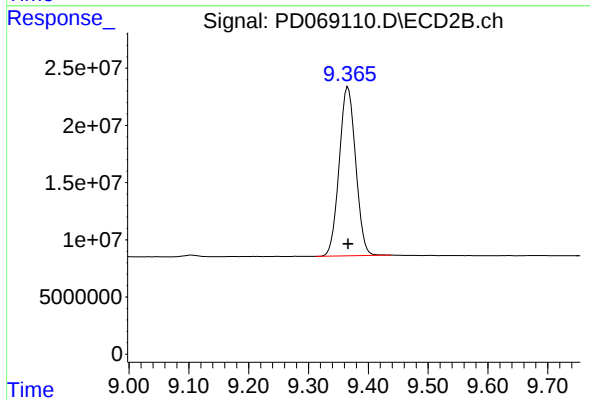
R.T.: 0.000 min  
Exp R.T. : 7.885 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 52683805  
Conc: 39.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.366 min  
Delta R.T.: 0.000 min  
Response: 282524676  
Conc: 40.18 ng/ml