

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040622\  
 Data File : PD068992.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2022 17:53  
 Operator : AR\AJ  
 Sample : PEM208  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 05:07:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031322CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 07:24:04 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

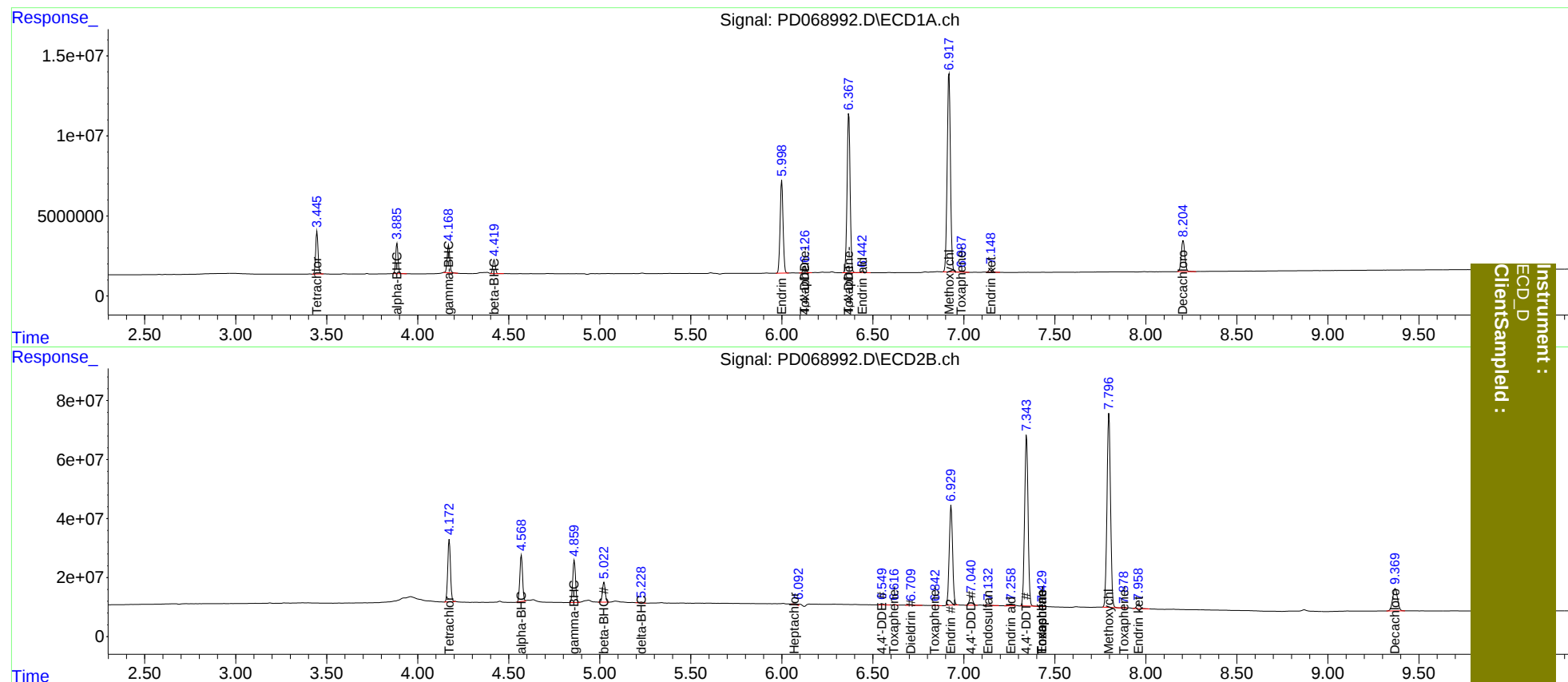
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.447  | 4.173  | 24082846 | 221.7E6  | 17.685   | 20.257   |
| 27)                         | SA Decachlor... | 8.205  | 9.370  | 26449156 | 141.5E6  | 19.021   | 22.428   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.886  | 4.569  | 17267784 | 163.3E6  | 9.021    | 10.444   |
| 3)                          | MA gamma-BHC... | 4.170  | 4.860  | 17311253 | 153.6E6  | 9.537    | 10.592   |
| 6)                          | B beta-BHC      | 4.420  | 5.023  | 8424364  | 70795539 | 10.110   | 11.085   |
| 7)                          | B delta-BHC     | 0.000  | 5.229  | 0        | 4011310  | N.D.     | 0.283    |
| 8)                          | B Heptachlo...  | 0.000  | 6.072  | 0        | 7178966  | N.D.     | 0.596    |
| 10)                         | B trans-Chl...  | 0.000  | 6.264f | 0        | 522171   | N.D.     | <MDL     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.550  | 0        | 5185521  | N.D.     | 0.508    |
| 13)                         | MA Dieldrin     | 0.000  | 6.711  | 0        | 2321491  | N.D.     | 0.209    |
| 14)                         | MA Endrin       | 6.000  | 6.930  | 65945191 | 430.7E6  | 46.645   | 50.940   |
| 15)                         | B Endosulfa...  | 0.000  | 7.133  | 0        | 7222969  | N.D.     | 0.807    |
| 16)                         | A 4,4'-DDD      | 6.127  | 7.041  | 4733559  | 39261410 | 3.601    | 4.679 #  |
| 17)                         | MA 4,4'-DDT     | 6.368  | 7.344  | 116.2E6  | 762.1E6  | 87.032   | 96.693   |
| 18)                         | B Endrin al...  | 6.443  | 7.259  | 1277416  | 8414496  | 1.165    | 1.267    |
| 19)                         | B Endosulfa...  | 0.000  | 7.430f | 0        | 1064515  | N.D.     | 0.130    |
| 20)                         | A Methoxychlor  | 6.919  | 7.797  | 154.4E6  | 891.7E6  | 218.147  | 254.554  |
| 21)                         | B Endrin ke...  | 7.150  | 7.959  | 3200191  | 21040175 | 2.006    | 2.464    |
| 22)                         | Toxaphene-1     | 0.000  | 6.618  | 0        | 1603041  | N.D.     | 37.673   |
| 23)                         | Toxaphene-2     | 6.127f | 6.842f | 4733559  | 1556599  | 441.387  | 15.461 # |
| 24)                         | Toxaphene-3     | 6.368f | 7.430f | 116.2E6  | 1064515  | 4516.183 | 4.795 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.430f | 0        | 1064515  | N.D.     | 7.968    |
| 26)                         | Toxaphene-5     | 6.988f | 7.879  | 674825   | 3210824  | 23.250   | 36.643 # |
| -----                       |                 |        |        |          |          |          |          |

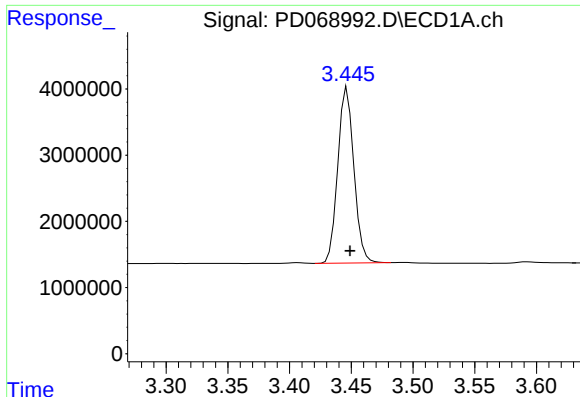
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040622\  
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Acq On : 06 Apr 2022 17:53  
Operator : AR\AJ  
Sample : PEM208  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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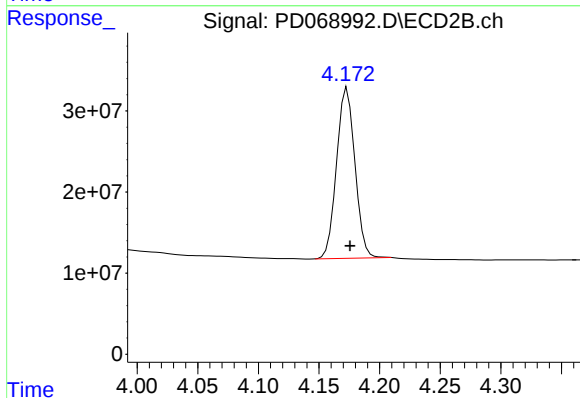




#1 Tetrachloro-m-xylene

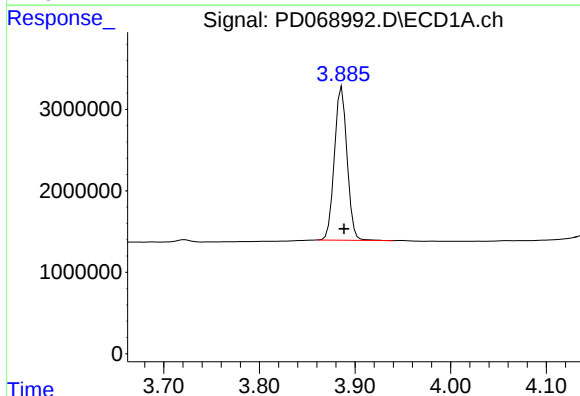
R.T.: 3.447 min  
Delta R.T.: -0.002 min  
Response: 24082846  
Conc: 17.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



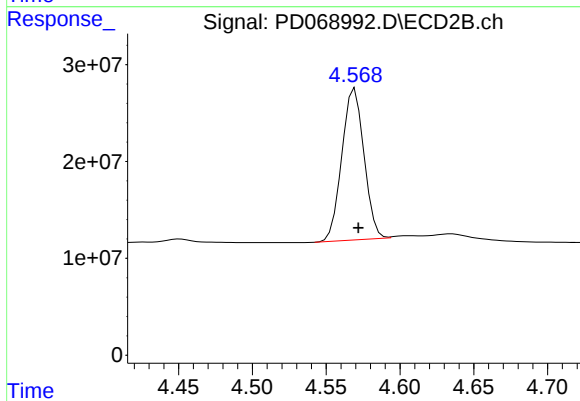
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 221720598  
Conc: 20.26 ng/ml



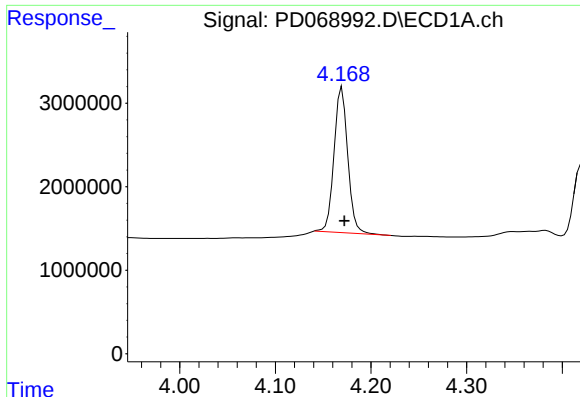
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 17267784  
Conc: 9.02 ng/ml



#2 alpha-BHC

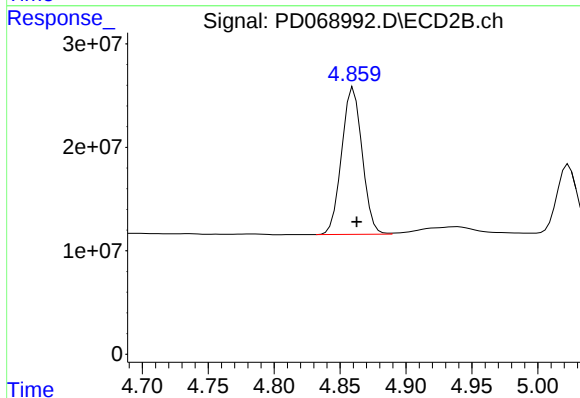
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 163300719  
Conc: 10.44 ng/ml



#3 gamma-BHC (Lindane)

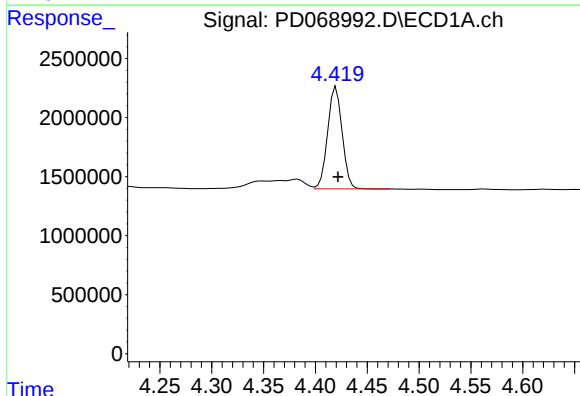
R.T.: 4.170 min  
Delta R.T.: -0.002 min  
Response: 17311253  
Conc: 9.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



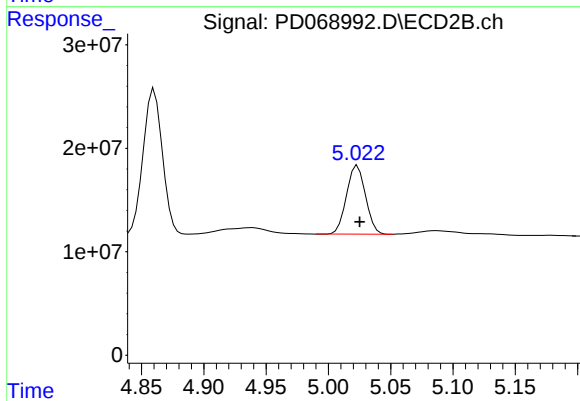
#3 gamma-BHC (Lindane)

R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 153572028  
Conc: 10.59 ng/ml



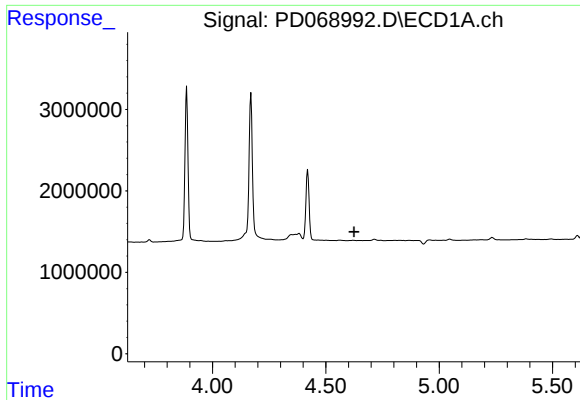
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: -0.002 min  
Response: 8424364  
Conc: 10.11 ng/ml



#6 beta-BHC

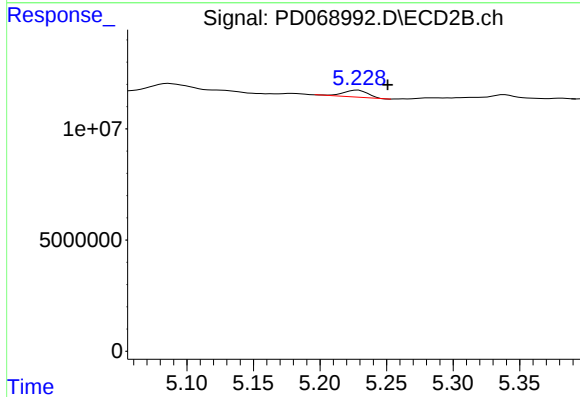
R.T.: 5.023 min  
Delta R.T.: -0.002 min  
Response: 70795539  
Conc: 11.08 ng/ml



#7 delta-BHC

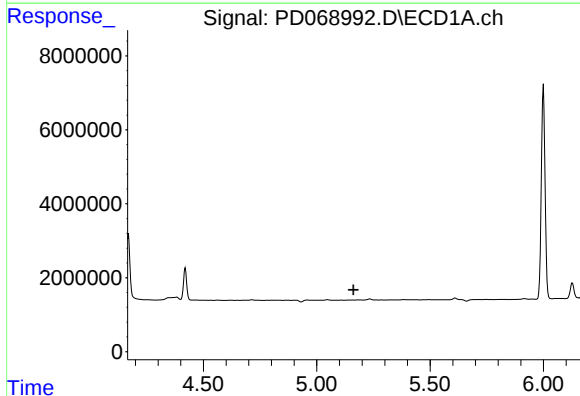
R.T.: 0.000 min  
Exp R.T. : 4.625 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



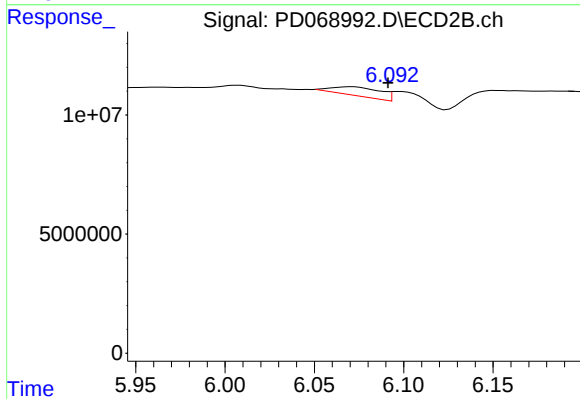
#7 delta-BHC

R.T.: 5.229 min  
Delta R.T.: -0.022 min  
Response: 4011310  
Conc: 0.28 ng/ml



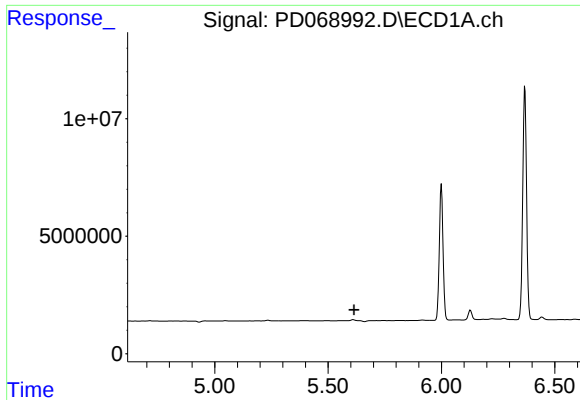
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.163 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

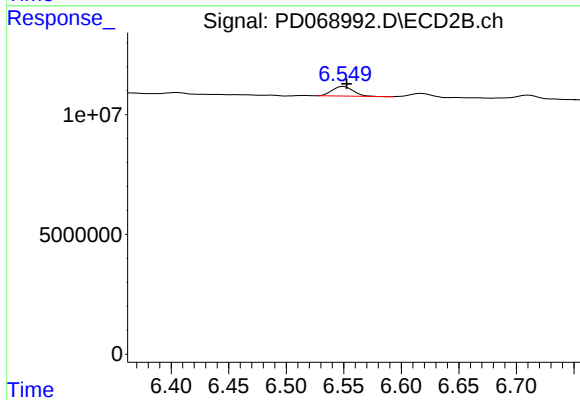
R.T.: 6.072 min  
Delta R.T.: -0.020 min  
Response: 7178966  
Conc: 0.60 ng/ml



#12 4,4'-DDE

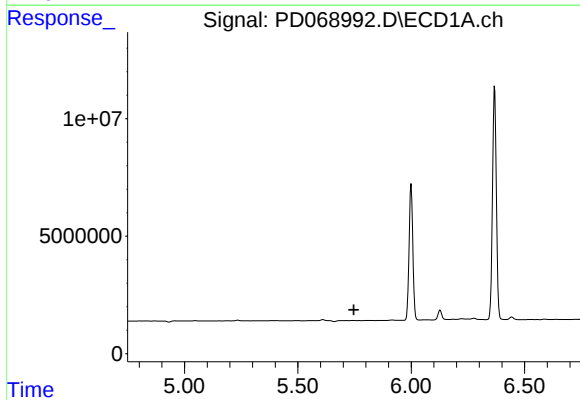
R.T.: 0.000 min  
Exp R.T.: 5.614 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



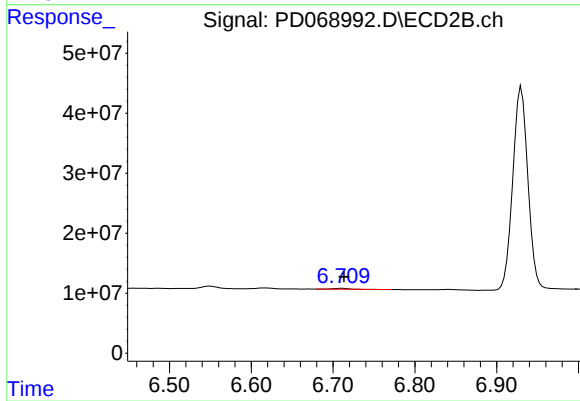
#12 4,4'-DDE

R.T.: 6.550 min  
Delta R.T.: -0.003 min  
Response: 5185521  
Conc: 0.51 ng/ml



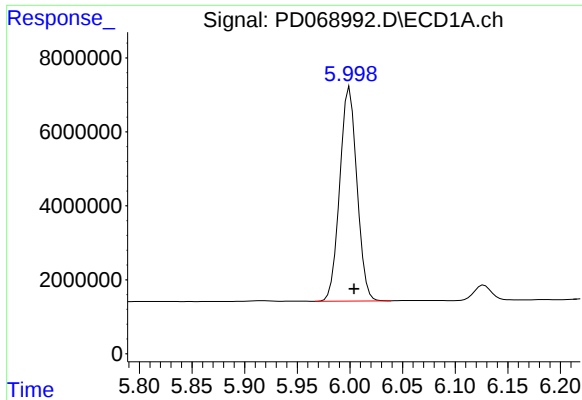
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.746 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

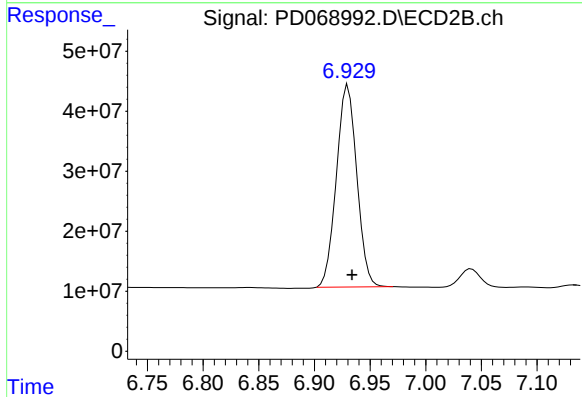
R.T.: 6.711 min  
Delta R.T.: -0.003 min  
Response: 2321491  
Conc: 0.21 ng/ml



#14 Endrin

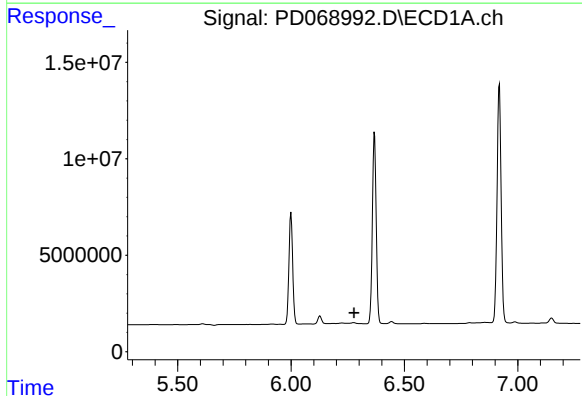
R.T.: 6.000 min  
Delta R.T.: -0.004 min  
Response: 65945191  
Conc: 46.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



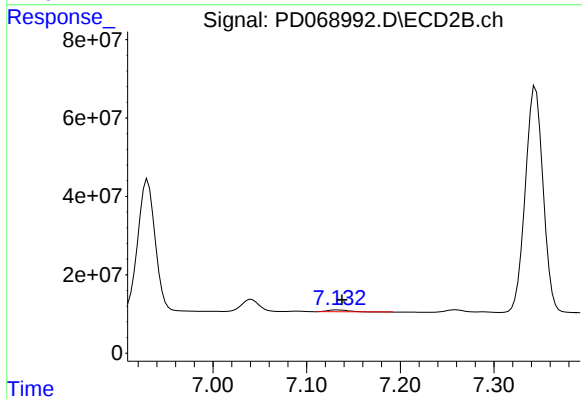
#14 Endrin

R.T.: 6.930 min  
Delta R.T.: -0.004 min  
Response: 430680241  
Conc: 50.94 ng/ml



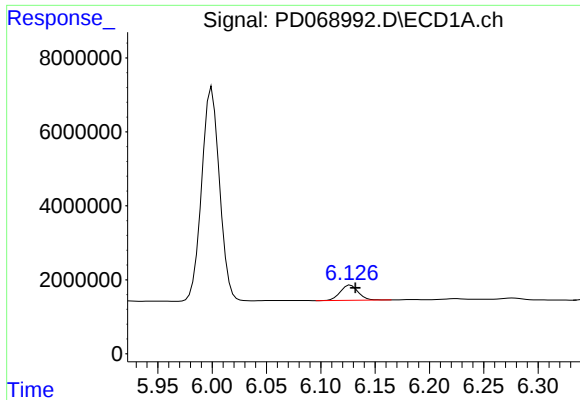
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.279 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

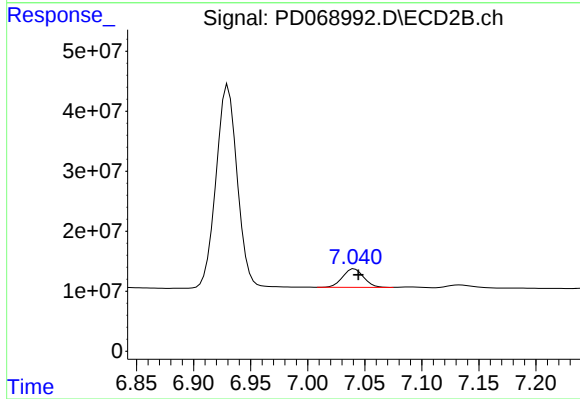
R.T.: 7.133 min  
Delta R.T.: -0.005 min  
Response: 7222969  
Conc: 0.81 ng/ml



#16 4,4'-DDD

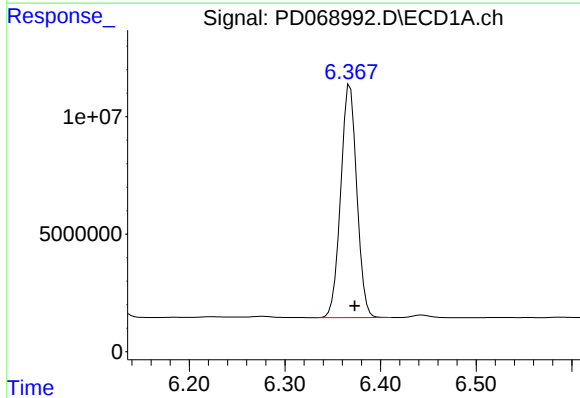
R.T.: 6.127 min  
Delta R.T.: -0.005 min  
Response: 4733559  
Conc: 3.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



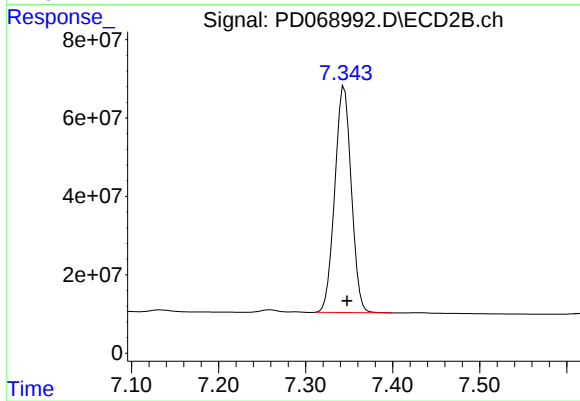
#16 4,4'-DDD

R.T.: 7.041 min  
Delta R.T.: -0.003 min  
Response: 39261410  
Conc: 4.68 ng/ml



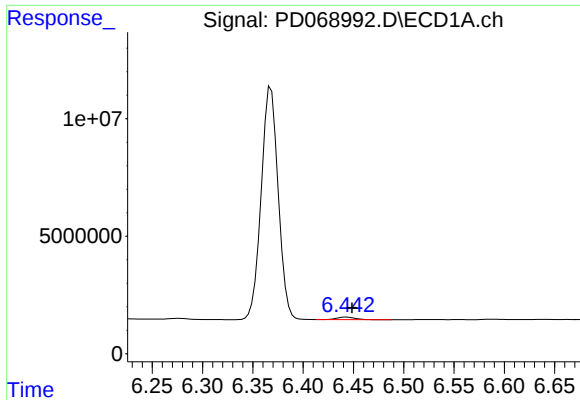
#17 4,4'-DDT

R.T.: 6.368 min  
Delta R.T.: -0.005 min  
Response: 116221834  
Conc: 87.03 ng/ml



#17 4,4'-DDT

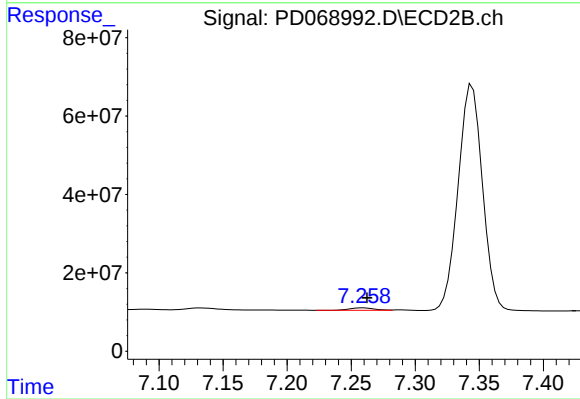
R.T.: 7.344 min  
Delta R.T.: -0.003 min  
Response: 762082542  
Conc: 96.69 ng/ml



#18 Endrin aldehyde

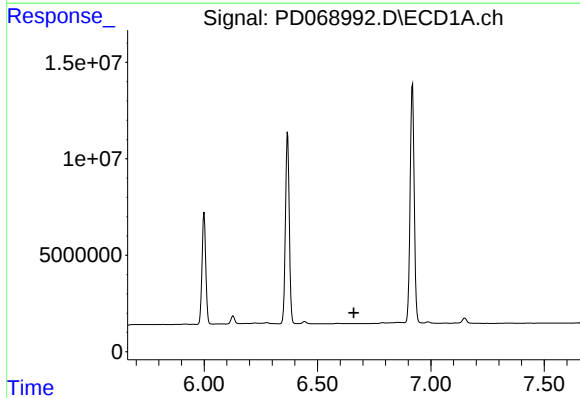
R.T.: 6.443 min  
Delta R.T.: -0.005 min  
Response: 1277416  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



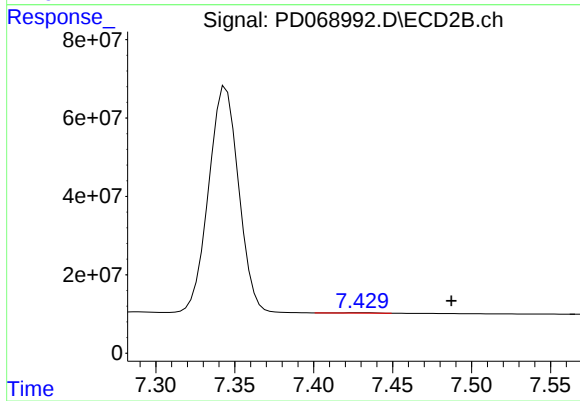
#18 Endrin aldehyde

R.T.: 7.259 min  
Delta R.T.: -0.003 min  
Response: 8414496  
Conc: 1.27 ng/ml



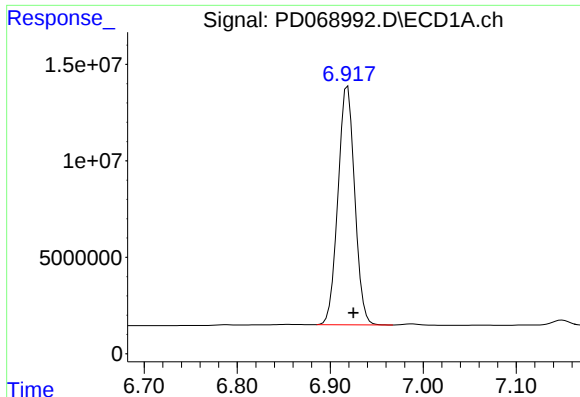
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.661 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

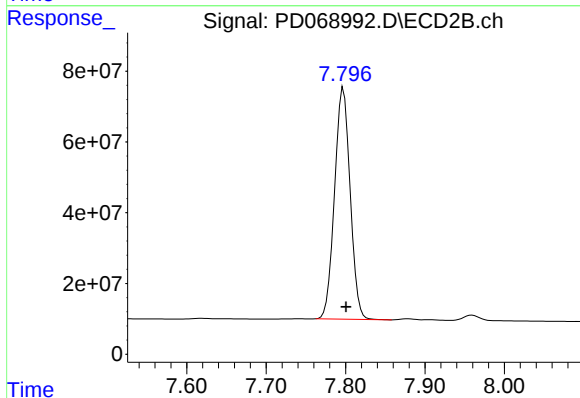
R.T.: 7.430 min  
Delta R.T.: -0.057 min  
Response: 1064515  
Conc: 0.13 ng/ml



#20 Methoxychlor

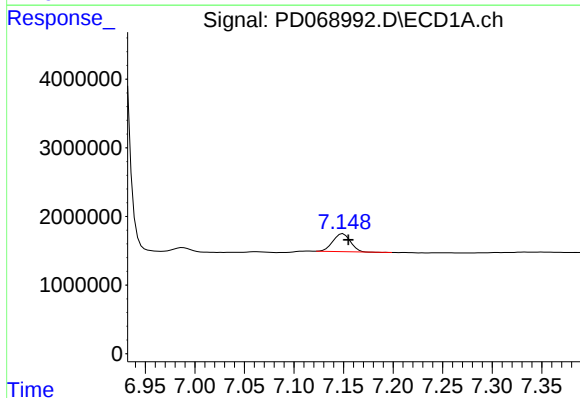
R.T.: 6.919 min  
Delta R.T.: -0.006 min  
Response: 154409787  
Conc: 218.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



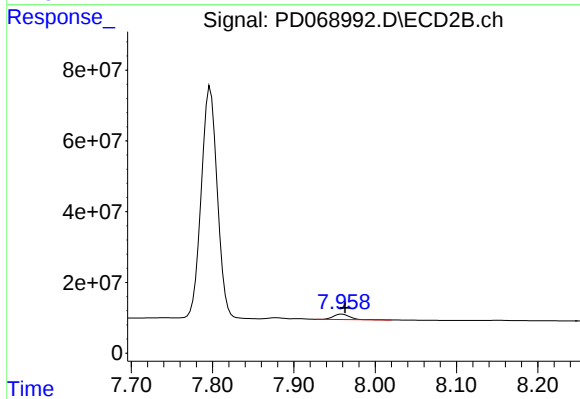
#20 Methoxychlor

R.T.: 7.797 min  
Delta R.T.: -0.003 min  
Response: 891724075  
Conc: 254.55 ng/ml



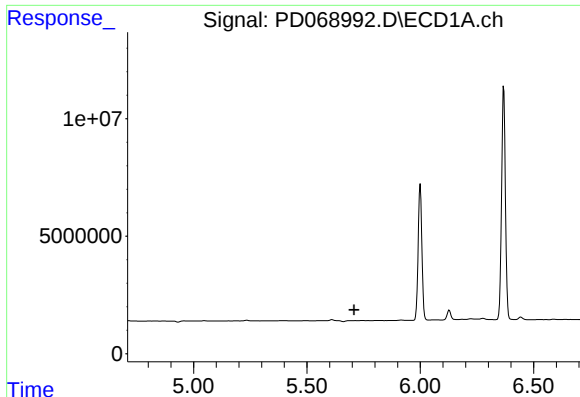
#21 Endrin ketone

R.T.: 7.150 min  
Delta R.T.: -0.005 min  
Response: 3200191  
Conc: 2.01 ng/ml



#21 Endrin ketone

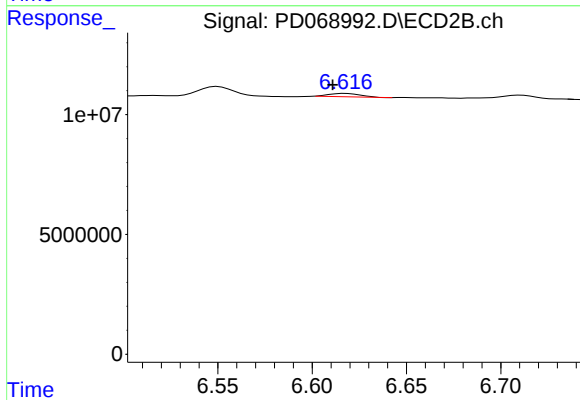
R.T.: 7.959 min  
Delta R.T.: -0.004 min  
Response: 21040175  
Conc: 2.46 ng/ml



#22 Toxaphene-1

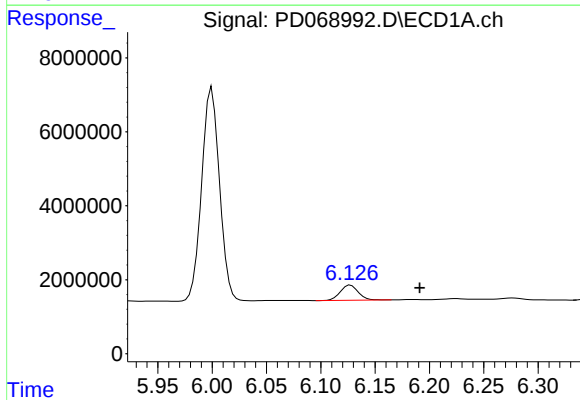
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



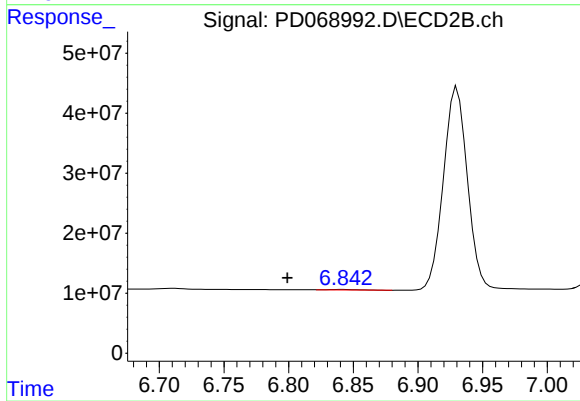
#22 Toxaphene-1

R.T.: 6.618 min  
Delta R.T.: 0.007 min  
Response: 1603041  
Conc: 37.67 ng/ml



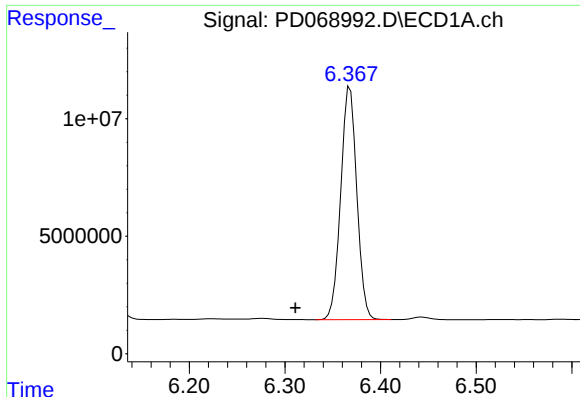
#23 Toxaphene-2

R.T.: 6.127 min  
Delta R.T.: -0.064 min  
Response: 4733559  
Conc: 441.39 ng/ml



#23 Toxaphene-2

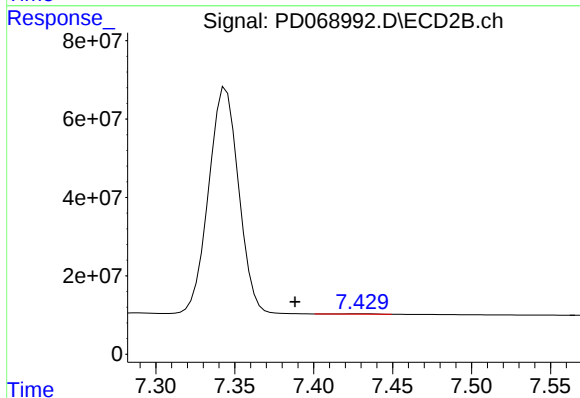
R.T.: 6.842 min  
Delta R.T.: 0.043 min  
Response: 1556599  
Conc: 15.46 ng/ml



#24 Toxaphene-3

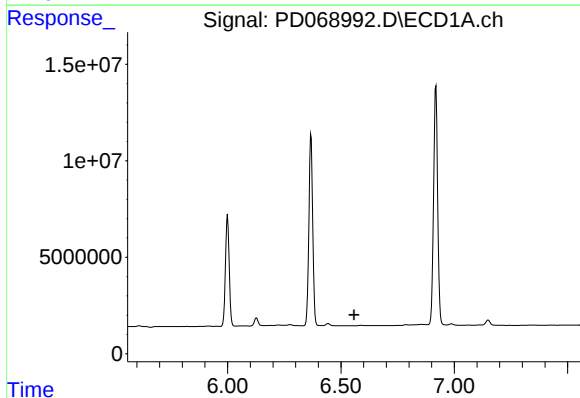
R.T.: 6.368 min  
Delta R.T.: 0.057 min  
Response: 116221834  
Conc: 4516.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



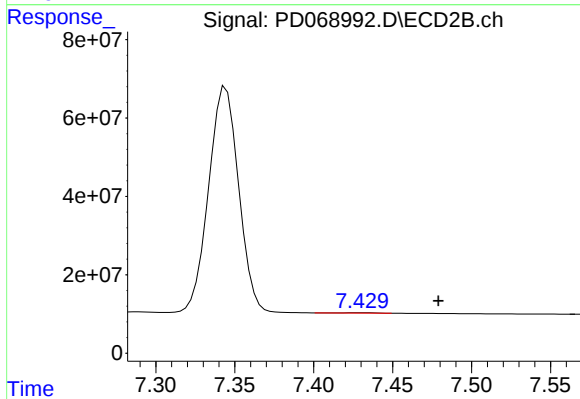
#24 Toxaphene-3

R.T.: 7.430 min  
Delta R.T.: 0.042 min  
Response: 1064515  
Conc: 4.80 ng/ml



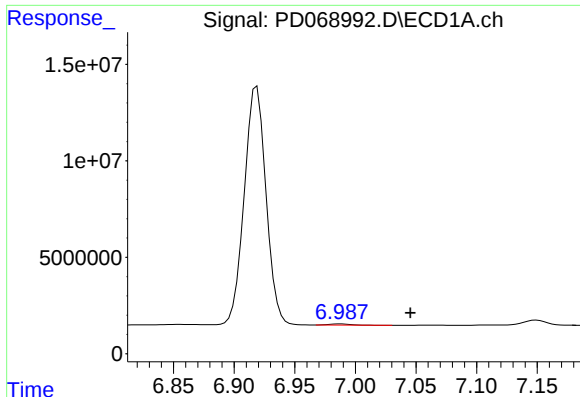
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.558 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

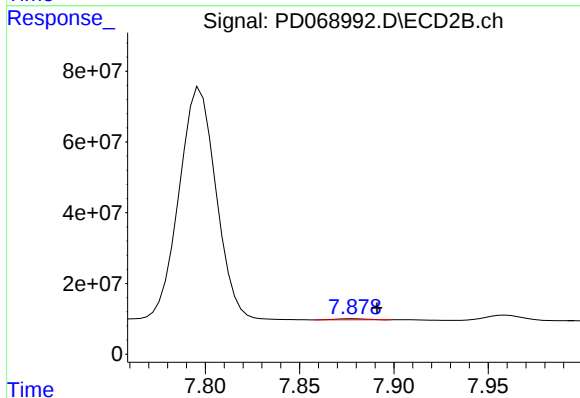
R.T.: 7.430 min  
Delta R.T.: -0.049 min  
Response: 1064515  
Conc: 7.97 ng/ml



#26 Toxaphene-5

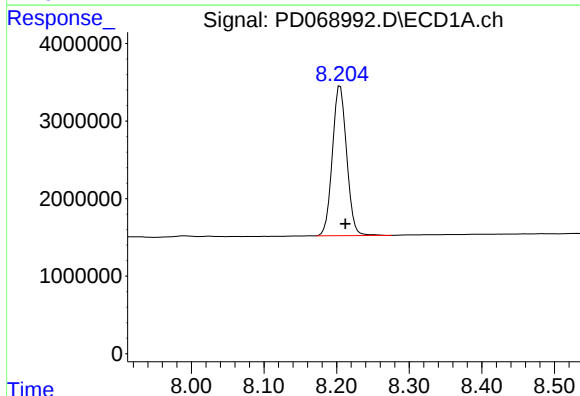
R.T.: 6.988 min  
Delta R.T.: -0.057 min  
Response: 674825  
Conc: 23.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



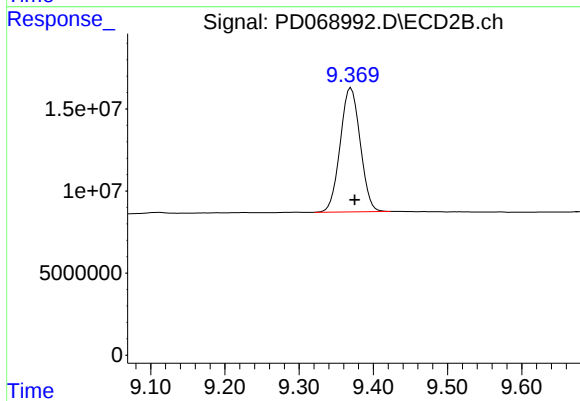
#26 Toxaphene-5

R.T.: 7.879 min  
Delta R.T.: -0.012 min  
Response: 3210824  
Conc: 36.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.007 min  
Response: 26449156  
Conc: 19.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.005 min  
Response: 141458055  
Conc: 22.43 ng/ml