

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072022\  
 Data File : PD071054.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2022 16:15  
 Operator : AR\AJ  
 Sample : N3709-13  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 20 23:59:24 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 14 05:14:58 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

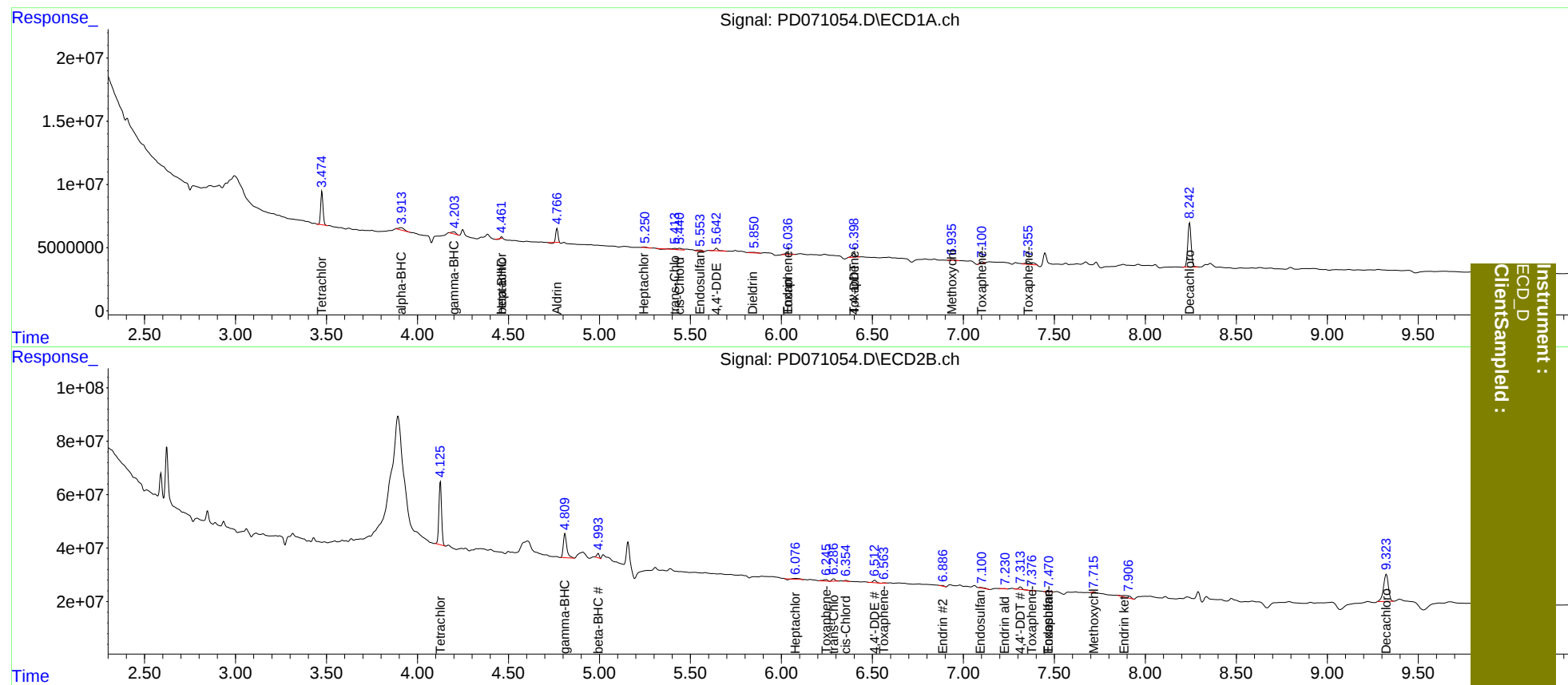
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.475  | 4.126  | 23513356 | 240.6E6  | 9.772   | 10.251   |
| 27)                         | SA Decachlor... | 8.243  | 9.325  | 45406551 | 189.1E6  | 17.885  | 20.479   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.911  | 4.520  | 3777408  | -941844  | 1.007   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.201  | 4.811  | 2619694  | 118.3E6  | 0.720   | 4.570 #  |
| 4)                          | MA Heptachlor   | 4.463f | 5.349  | 489977   | -2257899 | 0.141   | N.D. #   |
| 5)                          | MB Aldrin       | 4.767  | 5.668  | 8782006  | 1102919  | 2.430   | <MDL #   |
| 6)                          | B beta-BHC      | 4.463  | 4.993  | 489977   | 15299248 | 0.313   | 1.144 #  |
| 7)                          | B delta-BHC     | 4.680f | 5.263f | 77847    | 666958   | <MDL    | <MDL #   |
| 8)                          | B Heptachlo...  | 5.245f | 6.077  | 392817   | 5264487  | 0.118   | 0.355 #  |
| 9)                          | A Endosulfan I  | 5.554  | 6.421  | 1534549  | 338258   | 0.509   | <MDL #   |
| 10)                         | B trans-Chl...  | 5.414  | 6.287  | 844940   | 10975904 | 0.243   | 0.729 #  |
| 11)                         | B cis-Chlor...  | 5.441f | 6.355  | 2125625  | 3428787  | 0.622   | 0.237 #  |
| 12)                         | B 4,4'-DDE      | 5.644  | 6.513  | 2581841  | 12274426 | 0.802   | 0.895    |
| 13)                         | MA Dieldrin     | 5.843f | 6.675  | 1080147  | 472968   | 0.323   | <MDL #   |
| 14)                         | MA Endrin       | 6.037  | 6.885  | 1958792  | 3457758  | 0.707   | 0.331 #  |
| 15)                         | B Endosulfa...  | 0.000  | 7.095  | 0        | 5120169  | N.D.    | 0.445    |
| 17)                         | MA 4,4'-DDT     | 6.400  | 7.314  | 4541104  | 11493376 | 1.697   | 1.027 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.229  | 0        | 993801   | N.D.    | 0.102    |
| 19)                         | B Endosulfa...  | 0.000  | 7.468  | 0        | 2129869  | N.D.    | 0.188    |
| 20)                         | A Methoxychlor  | 6.936  | 7.717f | 1567142  | 935697   | 1.133   | 0.179 #  |
| 21)                         | B Endrin ke...  | 7.145f | 7.884f | 164721   | 22621226 | <MDL    | 1.832 #  |
| 22)                         | Toxaphene-1     | 0.000  | 6.246f | 0        | 10239989 | N.D.    | 243.209  |
| 23)                         | Toxaphene-2     | 6.037f | 6.565  | 1958792  | 1035830  | 127.516 | 10.896 # |
| 24)                         | Toxaphene-3     | 6.400f | 7.376  | 4541104  | 476868   | 271.851 | 1.803 #  |
| 25)                         | Toxaphene-4     | 7.102  | 7.468  | 1709849  | 2129869  | 24.376  | 10.071 # |
| 26)                         | Toxaphene-5     | 7.356  | 7.841  | 6669841  | -266272  | 182.876 | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

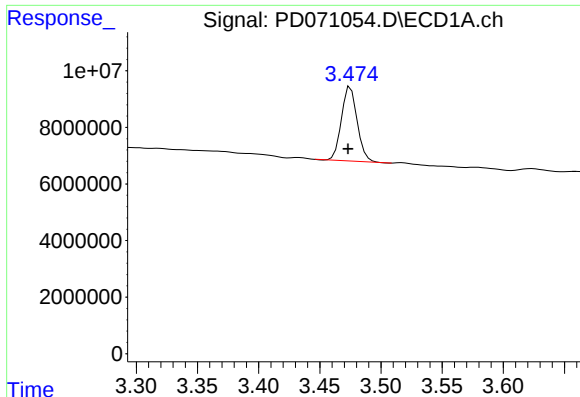
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072022\  
Data File : PD071054.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jul 2022 16:15  
Operator : AR\AJ  
Sample : N3709-13  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 23:59:24 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 14 05:14:58 2022  
Response via : Initial Calibration  
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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

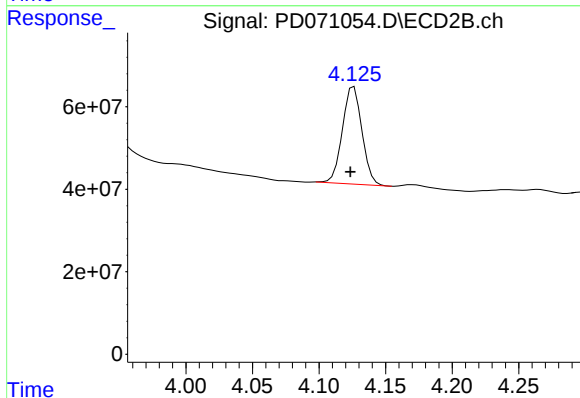




#1 Tetrachloro-m-xylene

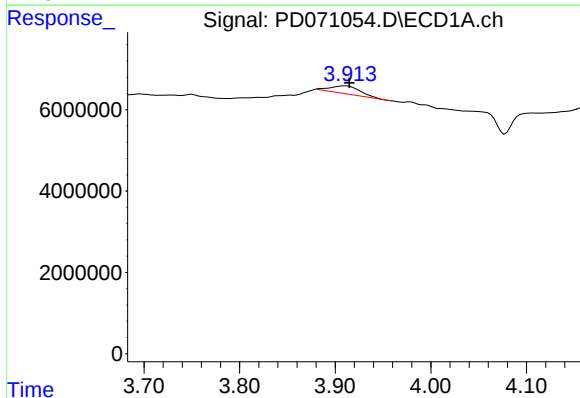
R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 23513356  
Conc: 9.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



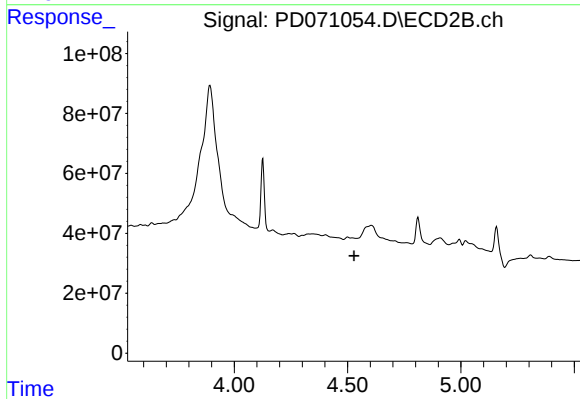
#1 Tetrachloro-m-xylene

R.T.: 4.126 min  
Delta R.T.: 0.003 min  
Response: 240584709  
Conc: 10.25 ng/ml



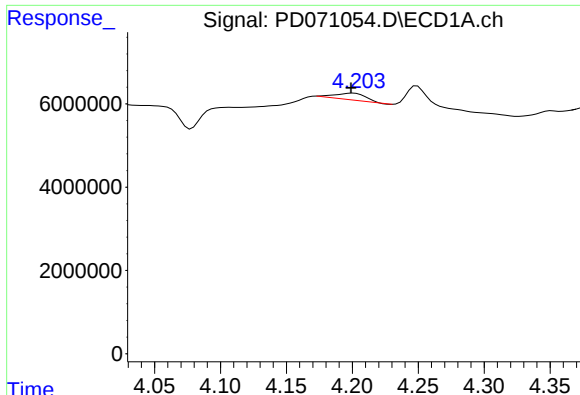
#2 alpha-BHC

R.T.: 3.911 min  
Delta R.T.: -0.004 min  
Response: 3777408  
Conc: 1.01 ng/ml



#2 alpha-BHC

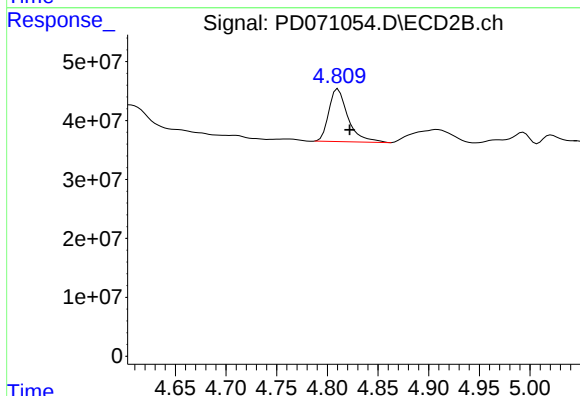
R.T.: 4.520 min  
Delta R.T.: -0.009 min  
Response: -941844  
Conc: N.D.



#3 gamma-BHC (Lindane)

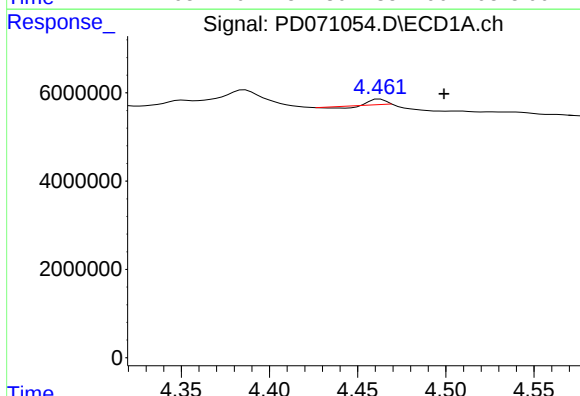
R.T.: 4.201 min  
Delta R.T.: 0.002 min  
Response: 2619694  
Conc: 0.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



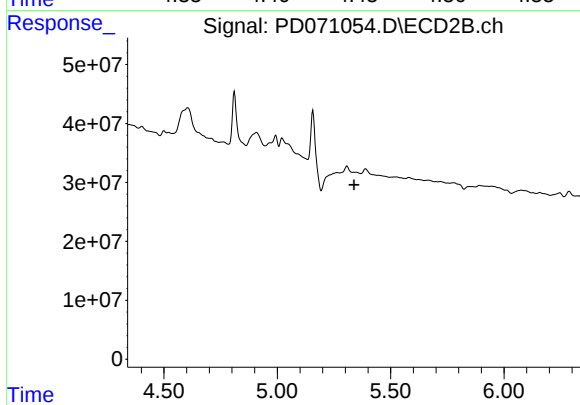
#3 gamma-BHC (Lindane)

R.T.: 4.811 min  
Delta R.T.: -0.012 min  
Response: 118255053  
Conc: 4.57 ng/ml



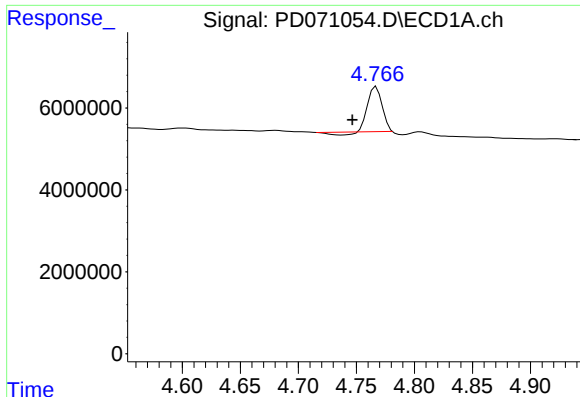
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: -0.036 min  
Response: 489977  
Conc: 0.14 ng/ml



#4 Heptachlor

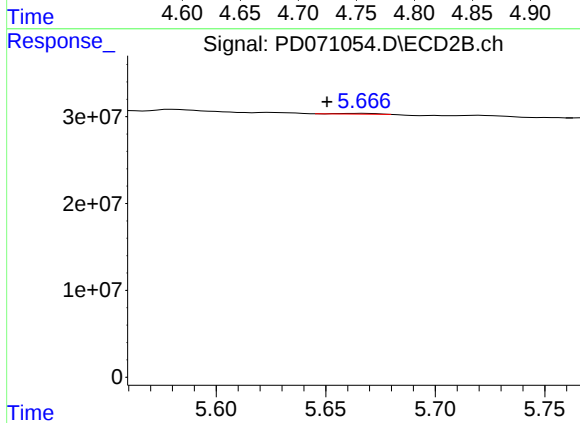
R.T.: 5.349 min  
Delta R.T.: 0.011 min  
Response: -2257899  
Conc: N.D.



#5 Aldrin

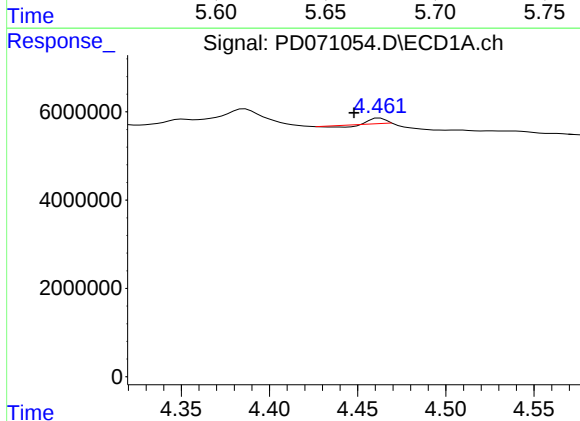
R.T.: 4.767 min  
Delta R.T.: 0.021 min  
Response: 8782006  
Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



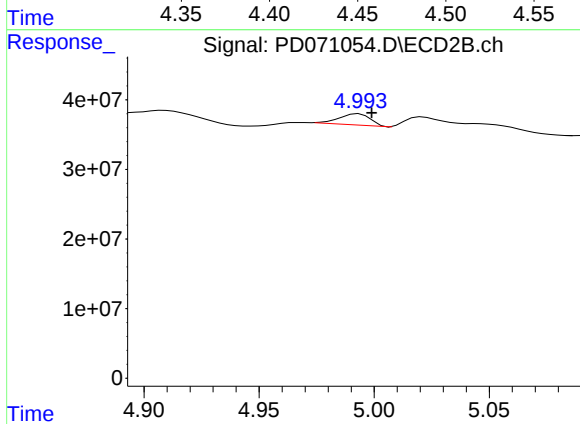
#5 Aldrin

R.T.: 5.668 min  
Delta R.T.: 0.017 min  
Response: 1102919  
Conc: N.D.



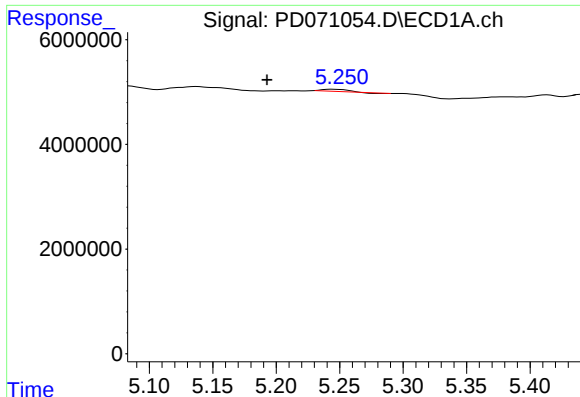
#6 beta-BHC

R.T.: 4.463 min  
Delta R.T.: 0.015 min  
Response: 489977  
Conc: 0.31 ng/ml



#6 beta-BHC

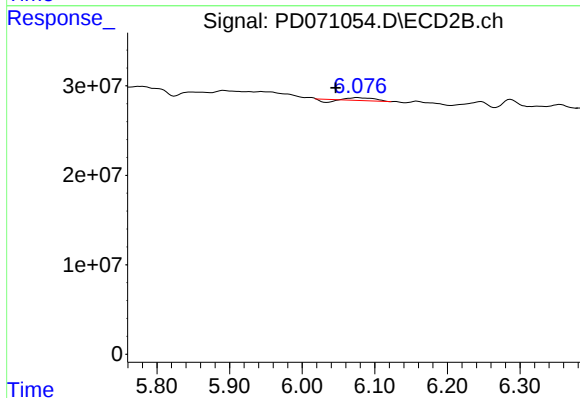
R.T.: 4.993 min  
Delta R.T.: -0.006 min  
Response: 15299248  
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

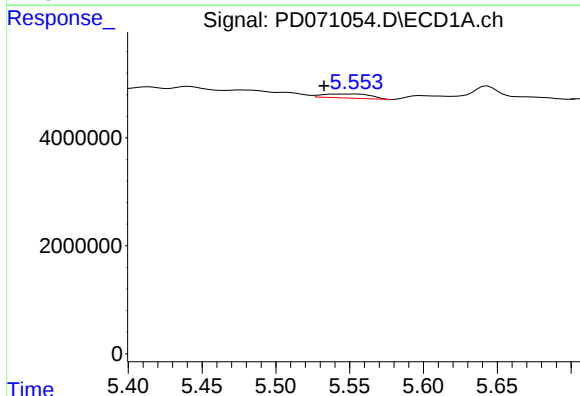
R.T.: 5.245 min  
Delta R.T.: 0.052 min  
Response: 392817  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



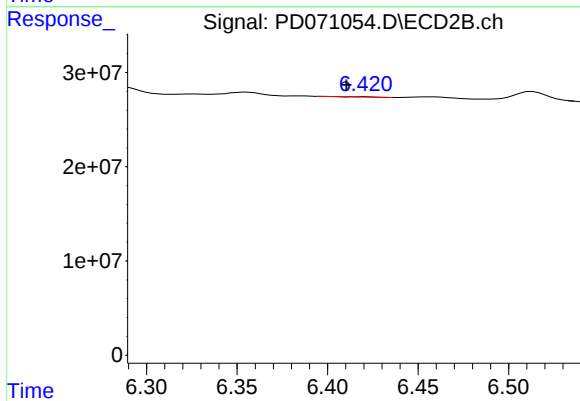
#8 Heptachlor epoxide

R.T.: 6.077 min  
Delta R.T.: 0.030 min  
Response: 5264487  
Conc: 0.35 ng/ml



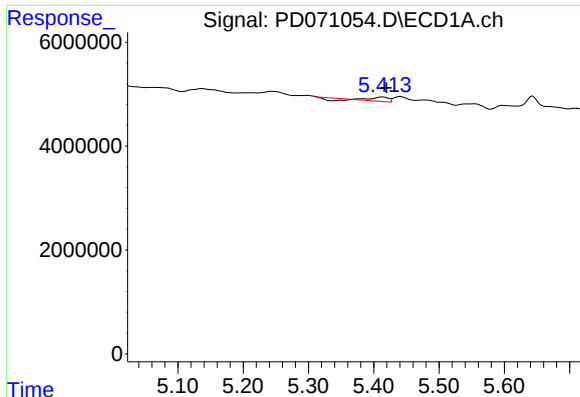
#9 Endosulfan I

R.T.: 5.554 min  
Delta R.T.: 0.021 min  
Response: 1534549  
Conc: 0.51 ng/ml



#9 Endosulfan I

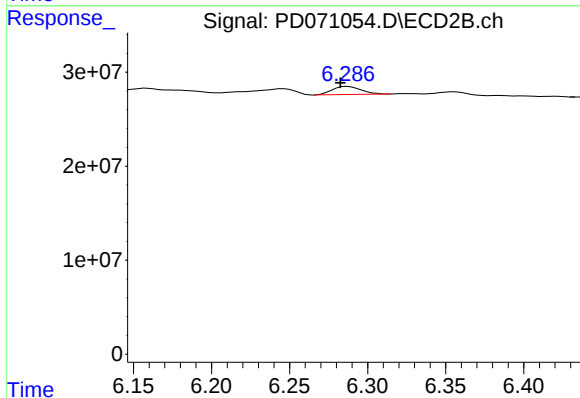
R.T.: 6.421 min  
Delta R.T.: 0.011 min  
Response: 338258  
Conc: N.D.



#10 trans-Chlordane

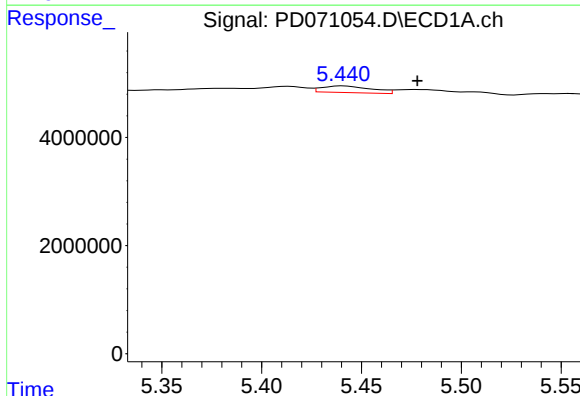
R.T.: 5.414 min  
Delta R.T.: -0.005 min  
Response: 844940  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



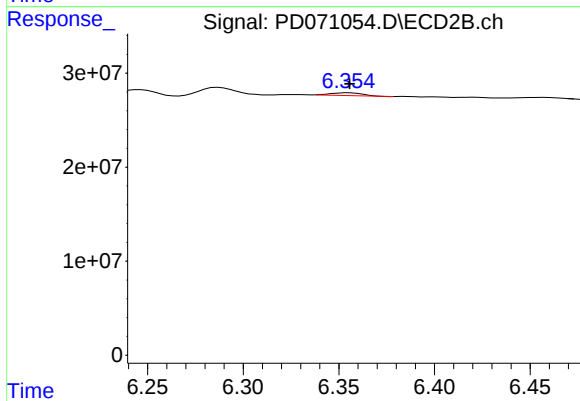
#10 trans-Chlordane

R.T.: 6.287 min  
Delta R.T.: 0.005 min  
Response: 10975904  
Conc: 0.73 ng/ml



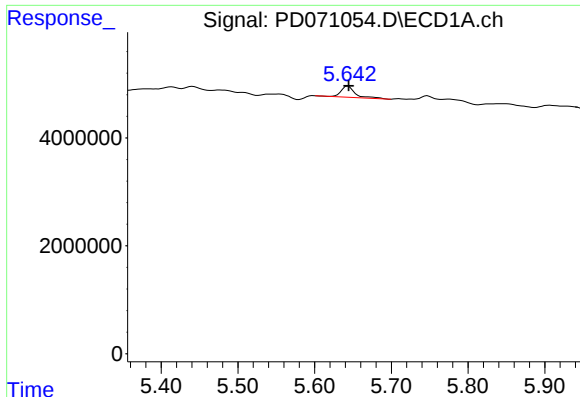
#11 cis-Chlordane

R.T.: 5.441 min  
Delta R.T.: -0.037 min  
Response: 2125625  
Conc: 0.62 ng/ml



#11 cis-Chlordane

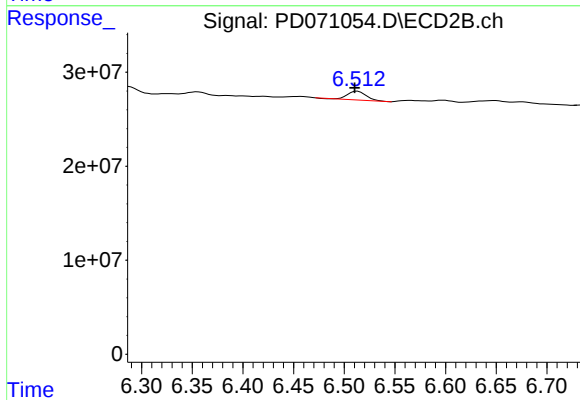
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 3428787  
Conc: 0.24 ng/ml



#12 4,4'-DDE

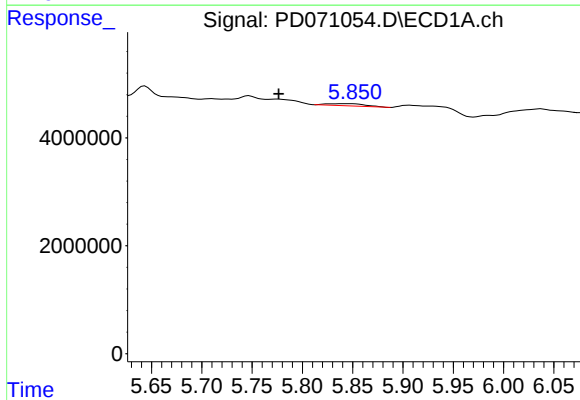
R.T.: 5.644 min  
Delta R.T.: 0.000 min  
Response: 2581841  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



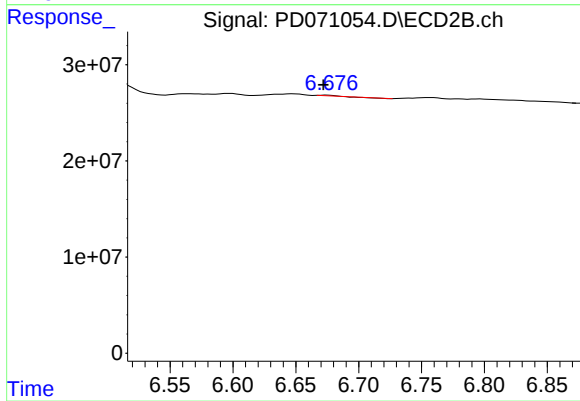
#12 4,4'-DDE

R.T.: 6.513 min  
Delta R.T.: 0.003 min  
Response: 12274426  
Conc: 0.89 ng/ml



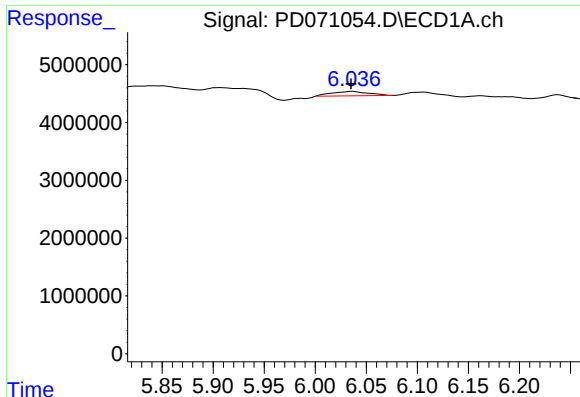
#13 Dieldrin

R.T.: 5.843 min  
Delta R.T.: 0.066 min  
Response: 1080147  
Conc: 0.32 ng/ml



#13 Dieldrin

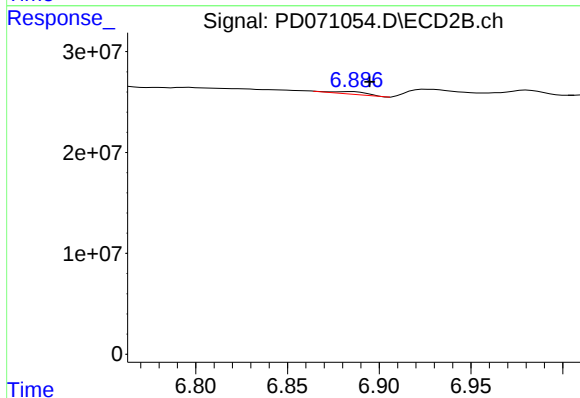
R.T.: 6.675 min  
Delta R.T.: 0.003 min  
Response: 472968  
Conc: N.D.



#14 Endrin

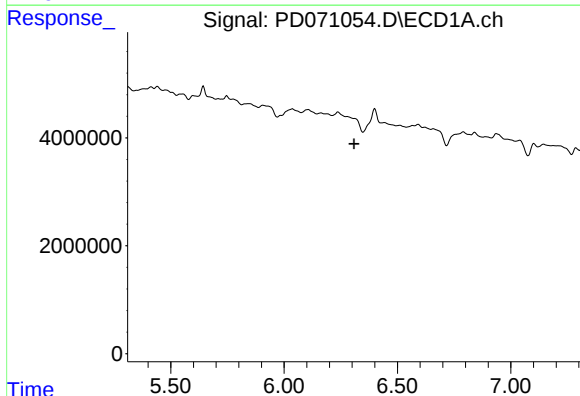
R.T.: 6.037 min  
Delta R.T.: 0.002 min  
Response: 1958792  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



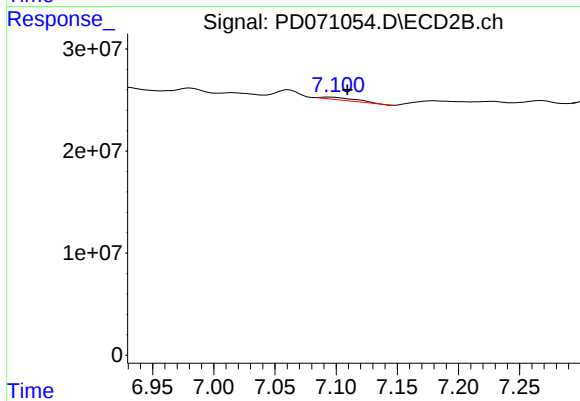
#14 Endrin

R.T.: 6.885 min  
Delta R.T.: -0.009 min  
Response: 3457758  
Conc: 0.33 ng/ml



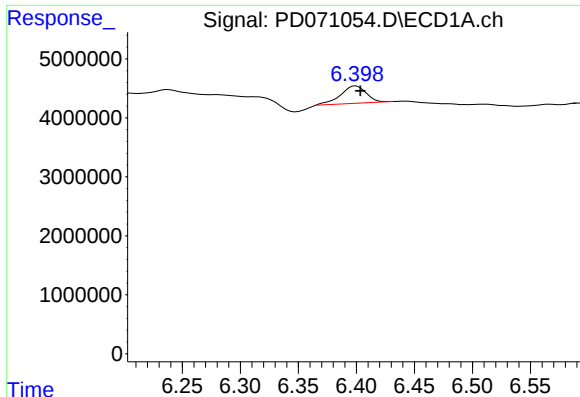
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.308 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

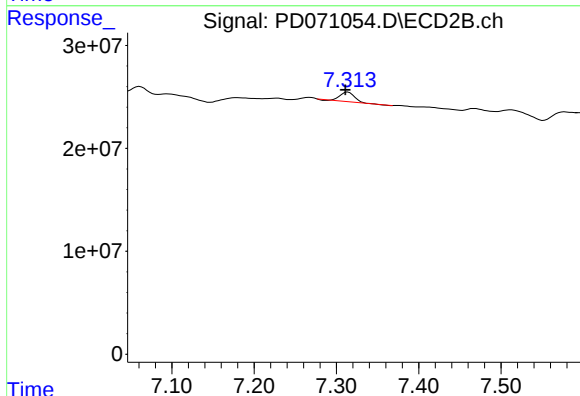
R.T.: 7.095 min  
Delta R.T.: -0.015 min  
Response: 5120169  
Conc: 0.44 ng/ml



#17 4,4'-DDT

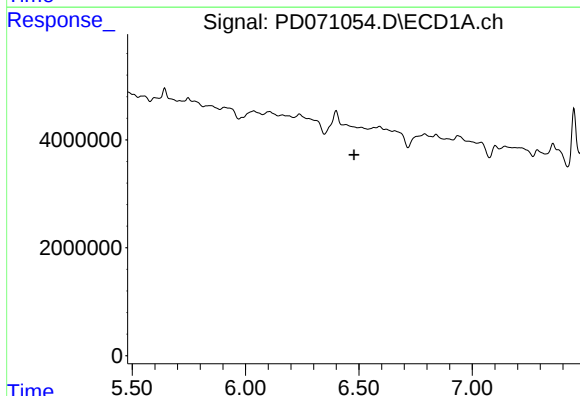
R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 4541104  
Conc: 1.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



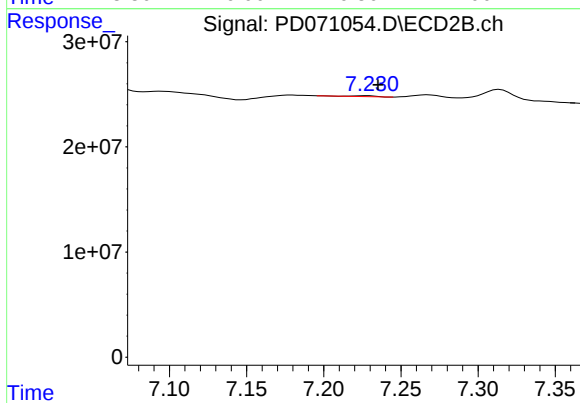
#17 4,4'-DDT

R.T.: 7.314 min  
Delta R.T.: 0.003 min  
Response: 11493376  
Conc: 1.03 ng/ml



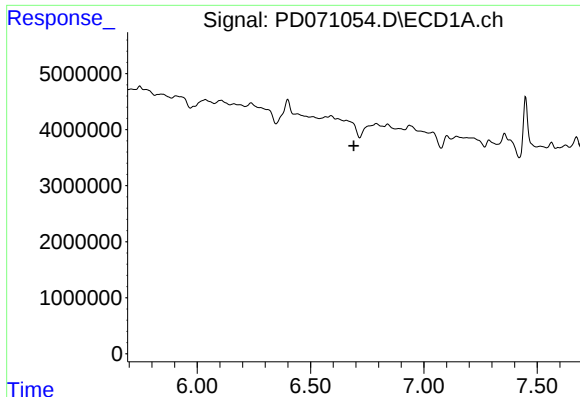
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.478 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

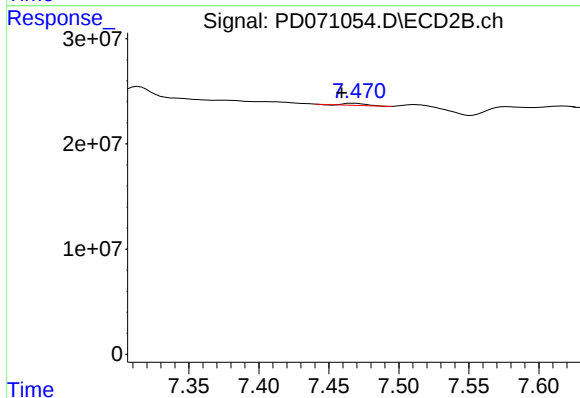
R.T.: 7.229 min  
Delta R.T.: -0.007 min  
Response: 993801  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

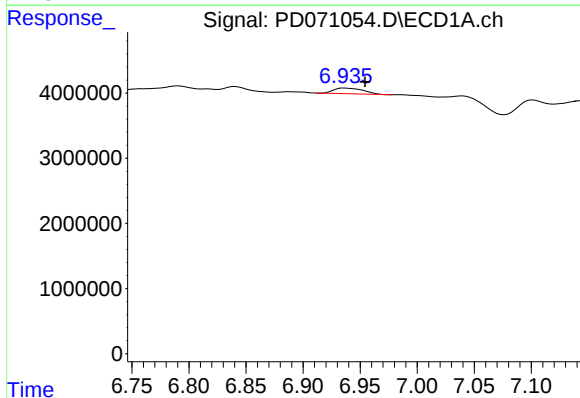
R.T.: 0.000 min  
Exp R.T.: 6.691 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



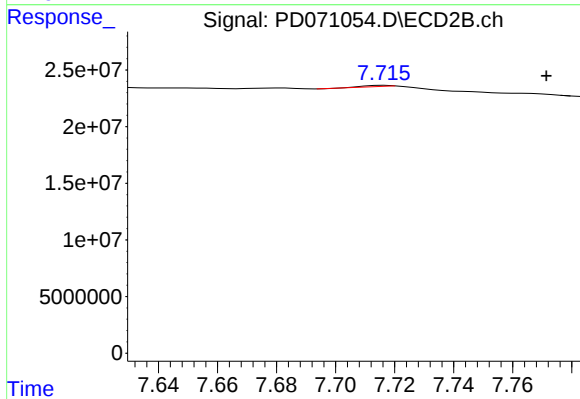
#19 Endosulfan Sulfate

R.T.: 7.468 min  
Delta R.T.: 0.009 min  
Response: 2129869  
Conc: 0.19 ng/ml



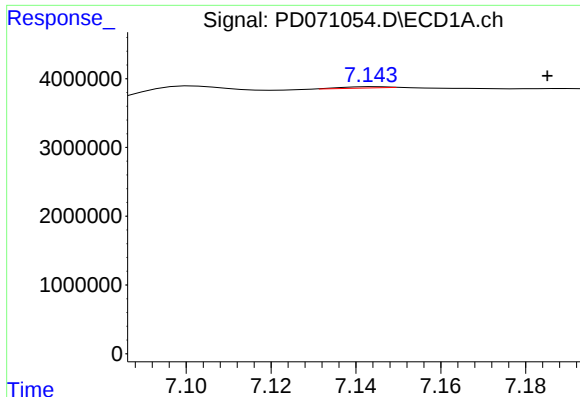
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.018 min  
Response: 1567142  
Conc: 1.13 ng/ml



#20 Methoxychlor

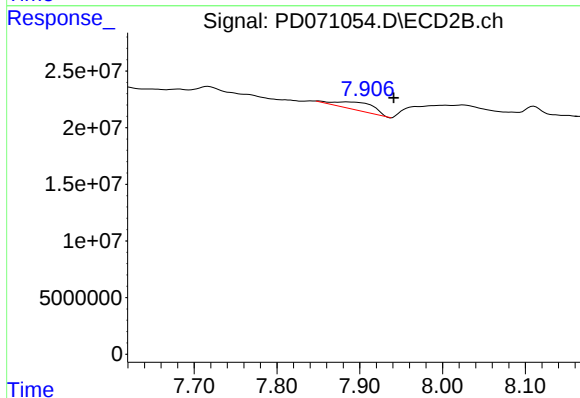
R.T.: 7.717 min  
Delta R.T.: -0.055 min  
Response: 935697  
Conc: 0.18 ng/ml



#21 Endrin ketone

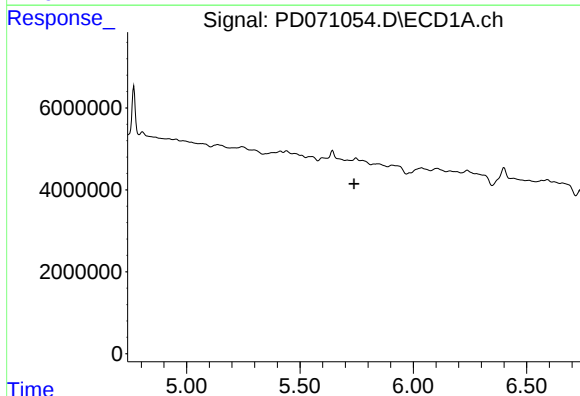
R.T.: 7.145 min  
Delta R.T.: -0.040 min  
Response: 164721  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



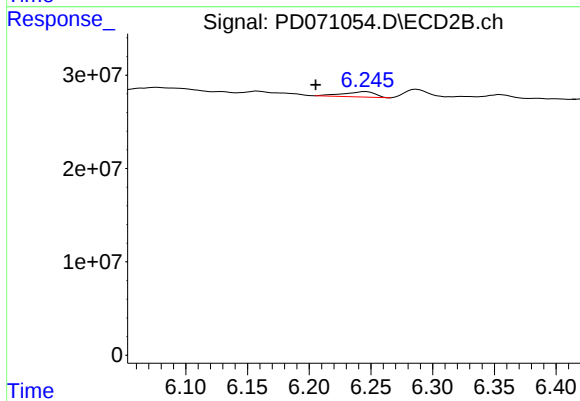
#21 Endrin ketone

R.T.: 7.884 min  
Delta R.T.: -0.057 min  
Response: 22621226  
Conc: 1.83 ng/ml



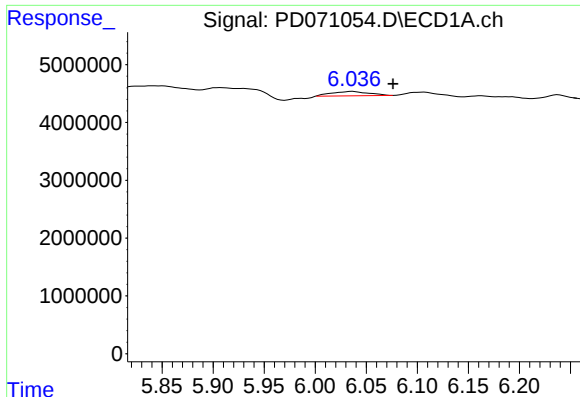
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.739 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

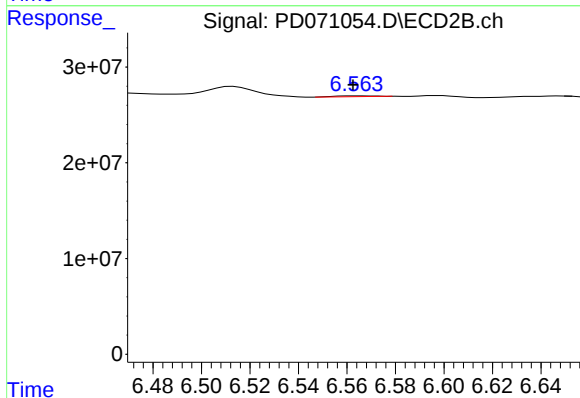
R.T.: 6.246 min  
Delta R.T.: 0.041 min  
Response: 10239989  
Conc: 243.21 ng/ml



#23 Toxaphene-2

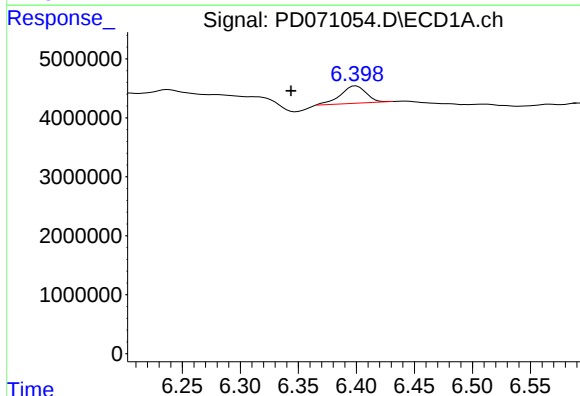
R.T.: 6.037 min  
Delta R.T.: -0.040 min  
Response: 1958792  
Conc: 127.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



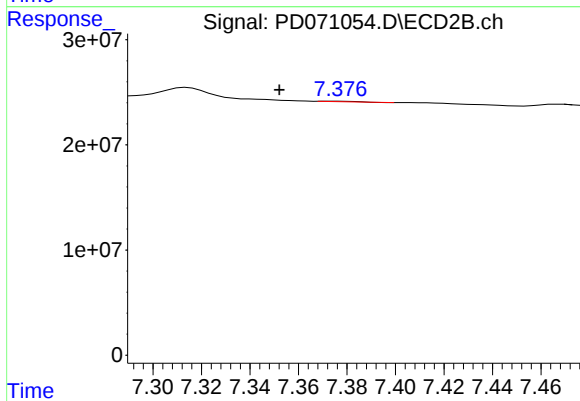
#23 Toxaphene-2

R.T.: 6.565 min  
Delta R.T.: 0.003 min  
Response: 1035830  
Conc: 10.90 ng/ml



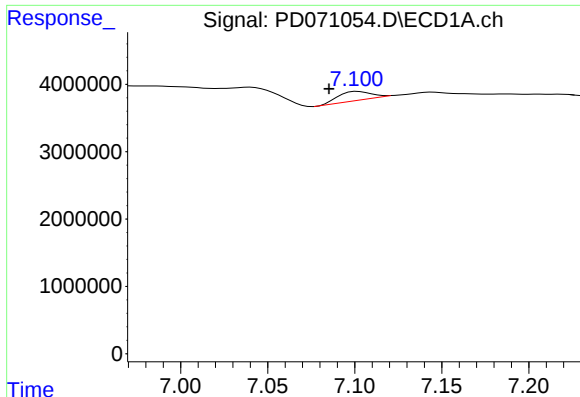
#24 Toxaphene-3

R.T.: 6.400 min  
Delta R.T.: 0.056 min  
Response: 4541104  
Conc: 271.85 ng/ml



#24 Toxaphene-3

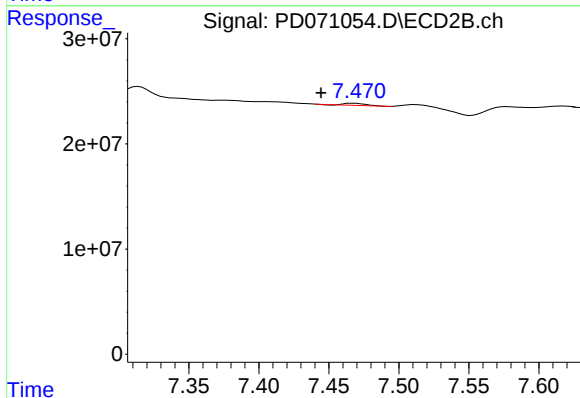
R.T.: 7.376 min  
Delta R.T.: 0.024 min  
Response: 476868  
Conc: 1.80 ng/ml



#25 Toxaphene-4

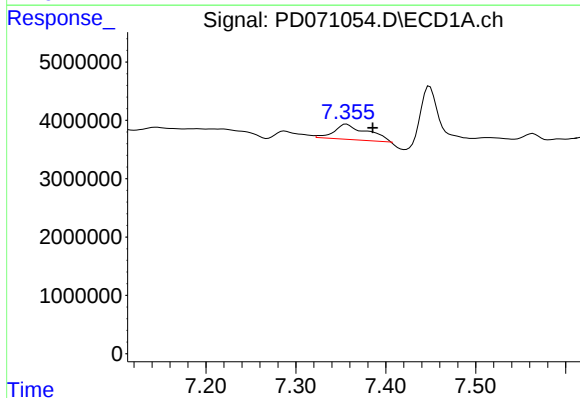
R.T.: 7.102 min  
Delta R.T.: 0.016 min  
Response: 1709849  
Conc: 24.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



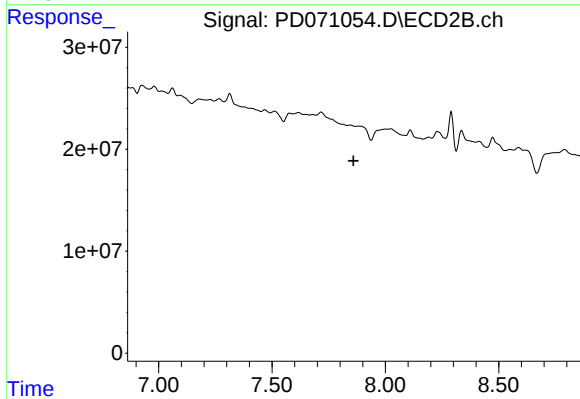
#25 Toxaphene-4

R.T.: 7.468 min  
Delta R.T.: 0.024 min  
Response: 2129869  
Conc: 10.07 ng/ml



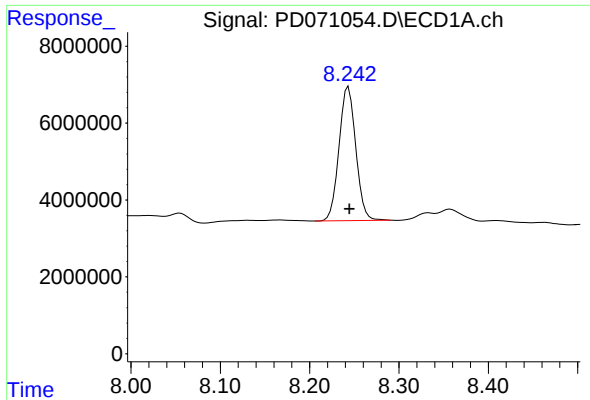
#26 Toxaphene-5

R.T.: 7.356 min  
Delta R.T.: -0.029 min  
Response: 6669841  
Conc: 182.88 ng/ml



#26 Toxaphene-5

R.T.: 7.841 min  
Delta R.T.: -0.019 min  
Response: -266272  
Conc: N.D.



#27 Decachlorobiphenyl

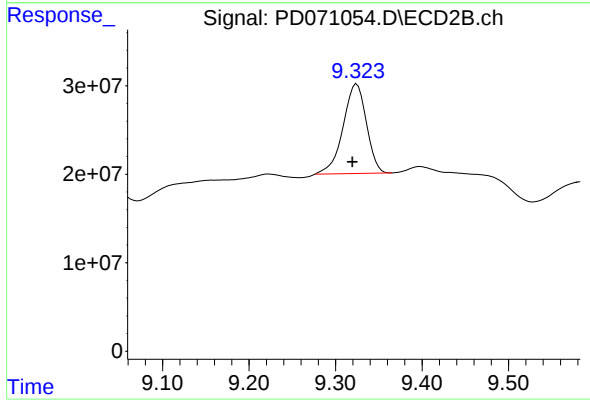
R.T.: 8.243 min

Delta R.T.: 0.000 min

Response: 45406551

Conc: 17.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.325 min

Delta R.T.: 0.005 min

Response: 189131758

Conc: 20.48 ng/ml