

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041923\  
 Data File : PD074800.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2023 19:19  
 Operator : AR\AJ  
 Sample : INDB390  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 05:43:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 14 02:10:15 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

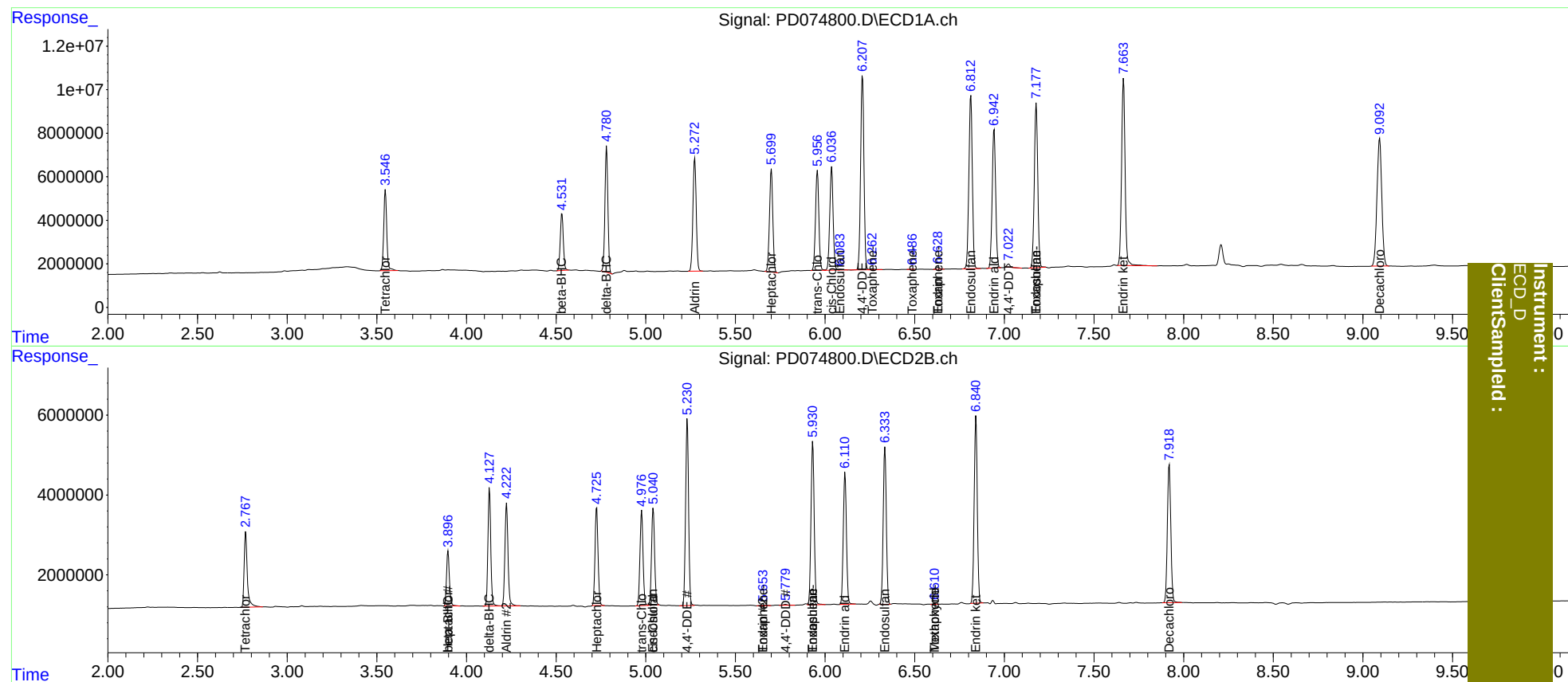
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.769  | 43417947 | 23164873 | 17.006   | 16.466     |
| 27)                         | SA Decachlor... | 9.093  | 7.920  | 109.6E6  | 46306385 | 35.750   | 34.310     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 4)                          | MA Heptachlor   | 4.945  | 3.897f | 343402   | 15141585 | <MDL     | 7.971 #    |
| 5)                          | MB Aldrin       | 5.273  | 4.224  | 66653365 | 30886510 | 16.933   | 16.324     |
| 6)                          | B beta-BHC      | 4.533  | 3.897  | 31090904 | 15141585 | 17.740   | 17.082     |
| 7)                          | B delta-BHC     | 4.781  | 4.128  | 65998679 | 32609387 | 17.891   | 16.678     |
| 8)                          | B Heptachlo...  | 5.701  | 4.726  | 60965360 | 28748876 | 16.662   | 16.524     |
| 9)                          | A Endosulfan I  | 6.084  | 5.042f | 519493   | 28746484 | 0.153    | 18.447 #   |
| 10)                         | B trans-Chl...  | 5.957  | 4.977  | 59494314 | 28350740 | 16.870   | 16.604     |
| 11)                         | B cis-Chlor...  | 6.037  | 5.042  | 62042294 | 28746484 | 16.890   | 16.631     |
| 12)                         | B 4,4'-DDE      | 6.209  | 5.232  | 114.7E6  | 53848884 | 33.201   | 32.980     |
| 14)                         | MA Endrin       | 6.630  | 5.655  | 1329434  | 370264   | 0.413    | 0.236 #    |
| 15)                         | B Endosulfa...  | 6.813  | 5.931  | 107.0E6  | 50446464 | 33.366   | 33.375     |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.780  | 0        | 458427   | N.D.     | 0.331      |
| 17)                         | MA 4,4'-DDT     | 7.024  | 0.000  | 1769432  | 0        | 0.581    | N.D. #     |
| 18)                         | B Endrin al...  | 6.943  | 6.111  | 85837345 | 40314116 | 32.815   | 32.753     |
| 19)                         | B Endosulfa...  | 7.178  | 6.334  | 101.0E6  | 47328684 | 32.973   | 33.460     |
| 20)                         | A Methoxychlor  | 7.483f | 6.612  | 125190   | 202868   | <MDL     | 0.276 #    |
| 21)                         | B Endrin ke...  | 7.665  | 6.842  | 117.6E6  | 56749413 | 33.020   | 33.685     |
| 22)                         | Toxaphene-1     | 6.263  | 0.000  | 836169   | 0        | 30.082   | N.D. #     |
| 23)                         | Toxaphene-2     | 6.487  | 5.655  | 89298    | 370264   | 2.584    | 33.786 #   |
| 24)                         | Toxaphene-3     | 6.630  | 5.931f | 1329434  | 50446464 | 57.376   | 4162.867 # |
| 25)                         | Toxaphene-4     | 7.178  | 6.612  | 101.0E6  | 202868   | 1306.694 | 5.345 #    |
| -----                       |                 |        |        |          |          |          |            |

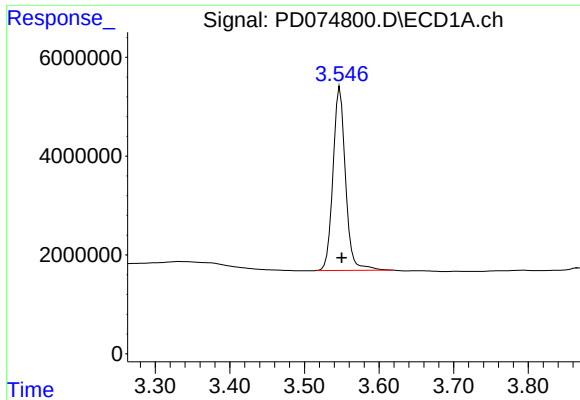
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041923\  
Data File : PD074800.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2023 19:19  
Operator : AR\AJ  
Sample : INDB390  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 05:43:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041423CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 14 02:10:15 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

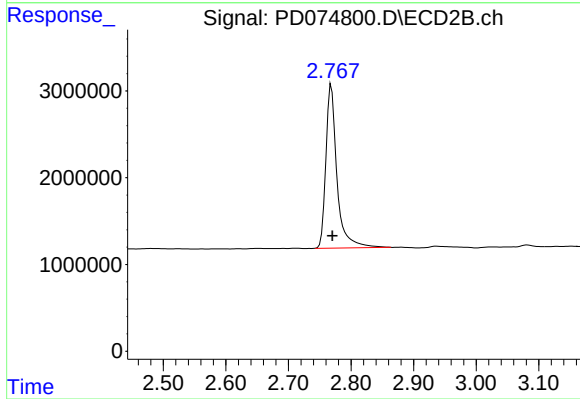




#1 Tetrachloro-m-xylene

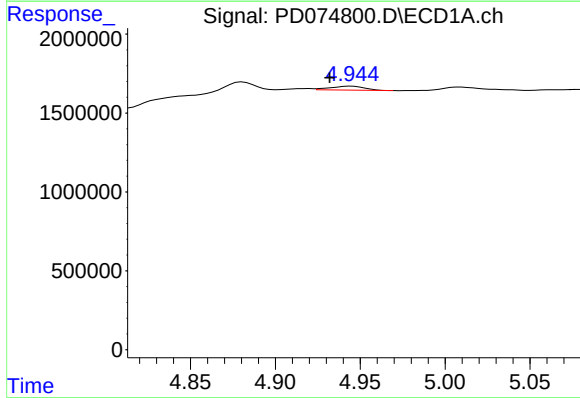
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 43417947  
Conc: 17.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



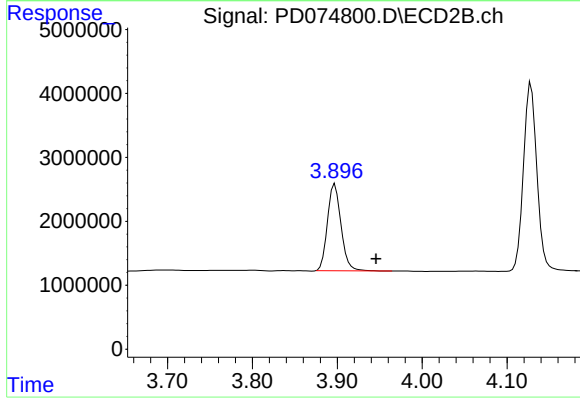
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.002 min  
Response: 23164873  
Conc: 16.47 ng/ml



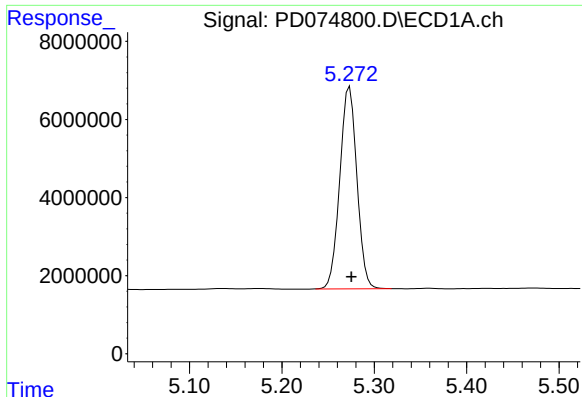
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: 0.013 min  
Response: 343402  
Conc: N.D.



#4 Heptachlor

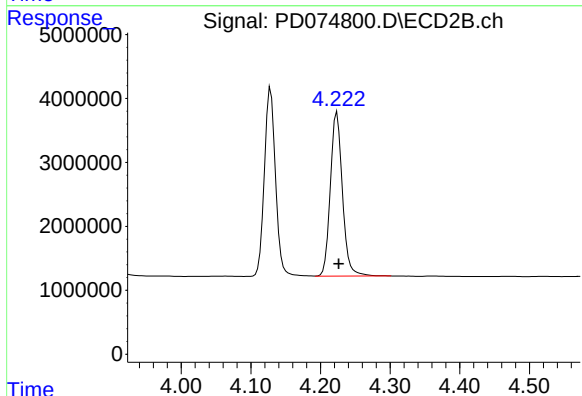
R.T.: 3.897 min  
Delta R.T.: -0.049 min  
Response: 15141585  
Conc: 7.97 ng/ml



#5 Aldrin

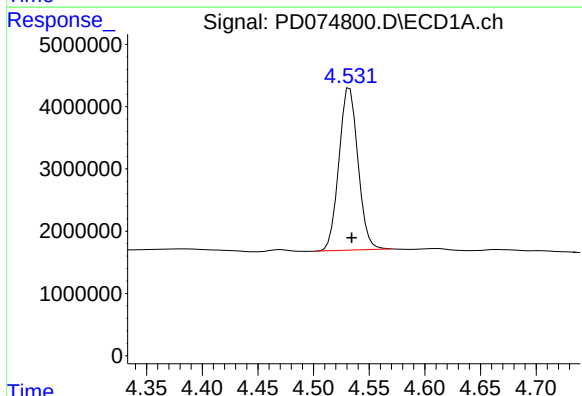
R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 66653365  
Conc: 16.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



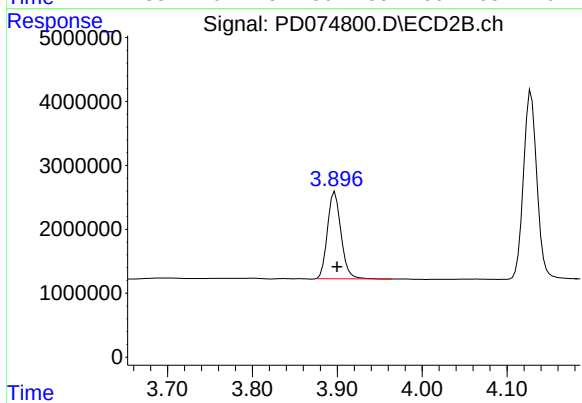
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: -0.003 min  
Response: 30886510  
Conc: 16.32 ng/ml



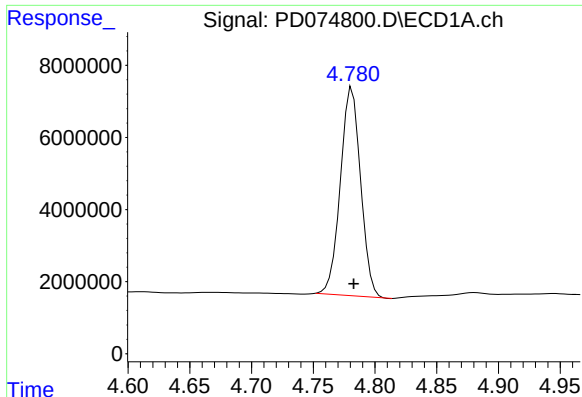
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: -0.002 min  
Response: 31090904  
Conc: 17.74 ng/ml



#6 beta-BHC

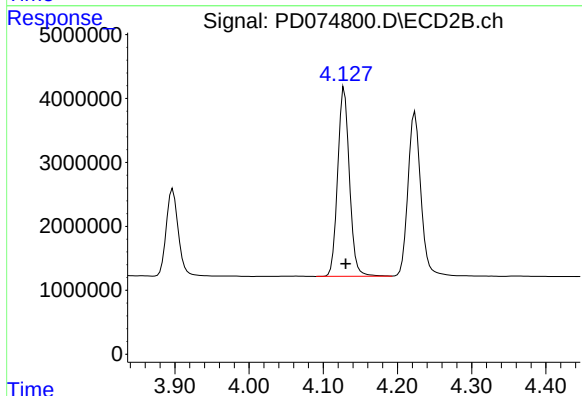
R.T.: 3.897 min  
Delta R.T.: -0.002 min  
Response: 15141585  
Conc: 17.08 ng/ml



#7 delta-BHC

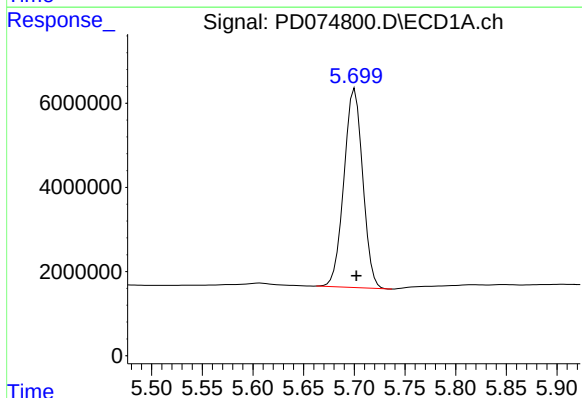
R.T.: 4.781 min  
Delta R.T.: -0.001 min  
Response: 65998679  
Conc: 17.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



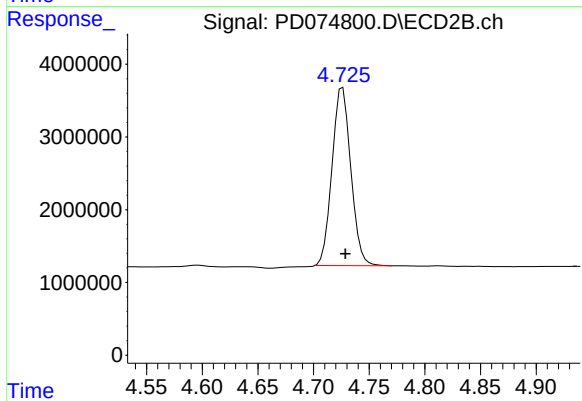
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: -0.002 min  
Response: 32609387  
Conc: 16.68 ng/ml



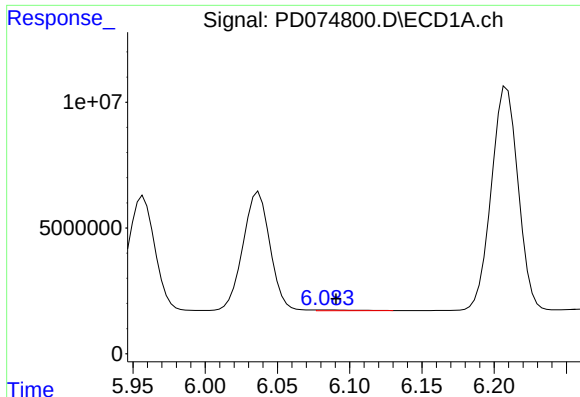
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: -0.002 min  
Response: 60965360  
Conc: 16.66 ng/ml



#8 Heptachlor epoxide

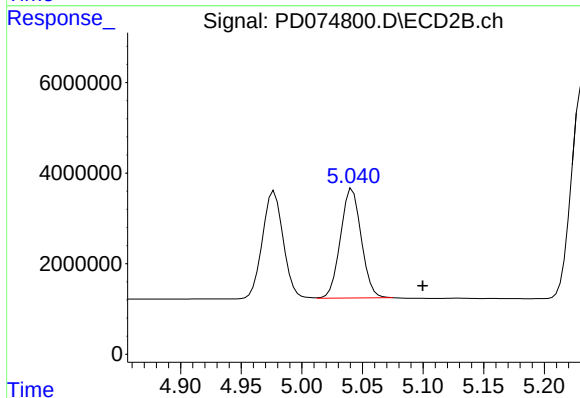
R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 28748876  
Conc: 16.52 ng/ml



#9 Endosulfan I

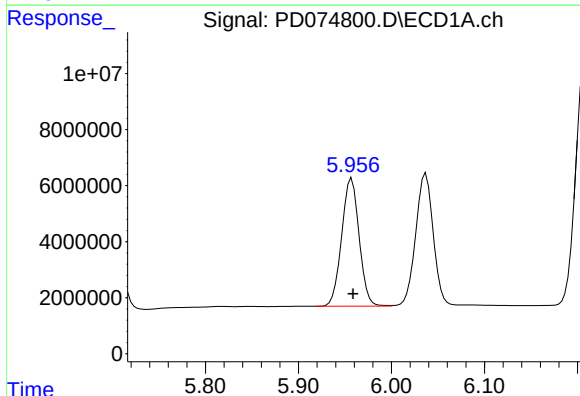
R.T.: 6.084 min  
Delta R.T.: -0.006 min  
Response: 519493  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



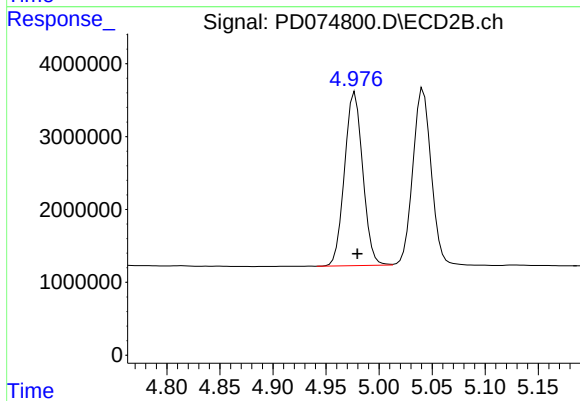
#9 Endosulfan I

R.T.: 5.042 min  
Delta R.T.: -0.058 min  
Response: 28746484  
Conc: 18.45 ng/ml



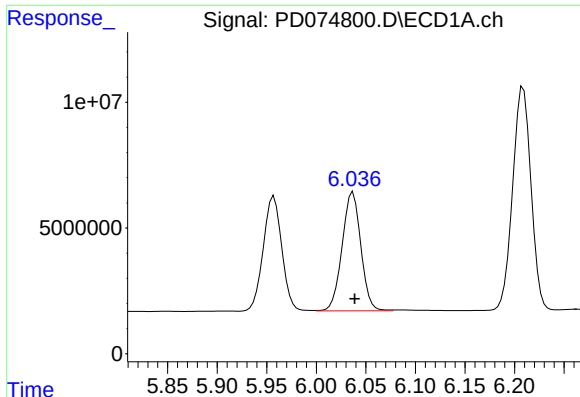
#10 trans-Chlordane

R.T.: 5.957 min  
Delta R.T.: -0.001 min  
Response: 59494314  
Conc: 16.87 ng/ml



#10 trans-Chlordane

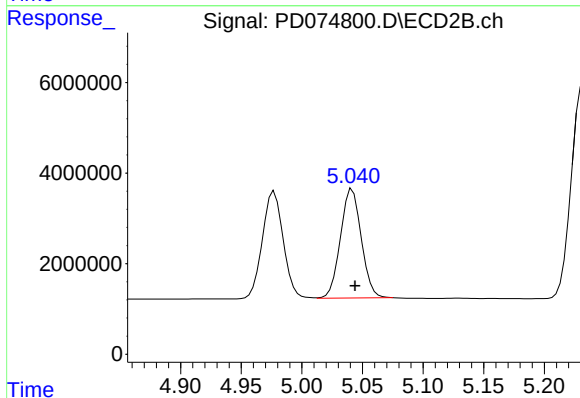
R.T.: 4.977 min  
Delta R.T.: -0.002 min  
Response: 28350740  
Conc: 16.60 ng/ml



#11 cis-Chlordane

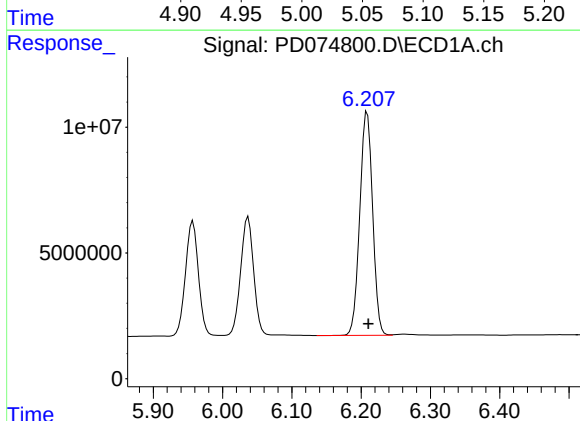
R.T.: 6.037 min  
Delta R.T.: -0.002 min  
Response: 62042294  
Conc: 16.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



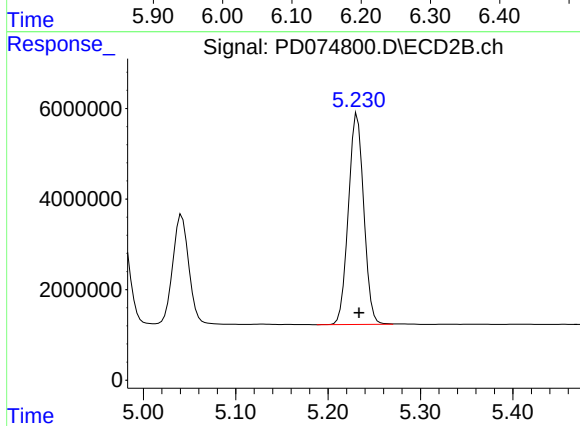
#11 cis-Chlordane

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 28746484  
Conc: 16.63 ng/ml



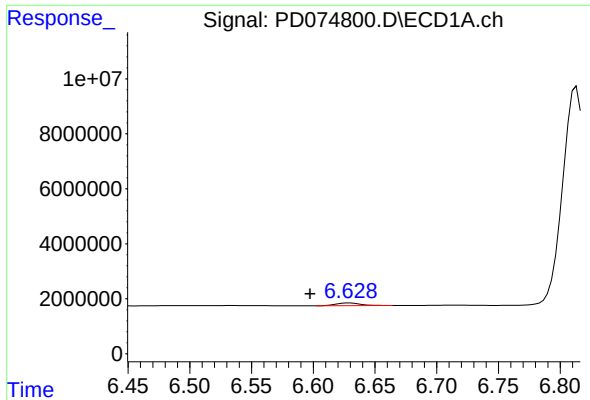
#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: -0.002 min  
Response: 114672048  
Conc: 33.20 ng/ml



#12 4,4'-DDE

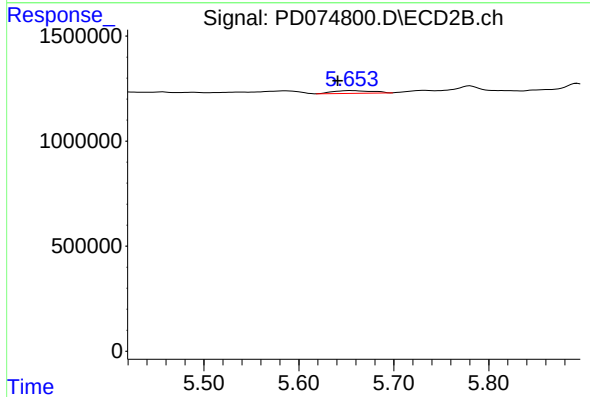
R.T.: 5.232 min  
Delta R.T.: -0.002 min  
Response: 53848884  
Conc: 32.98 ng/ml



#14 Endrin

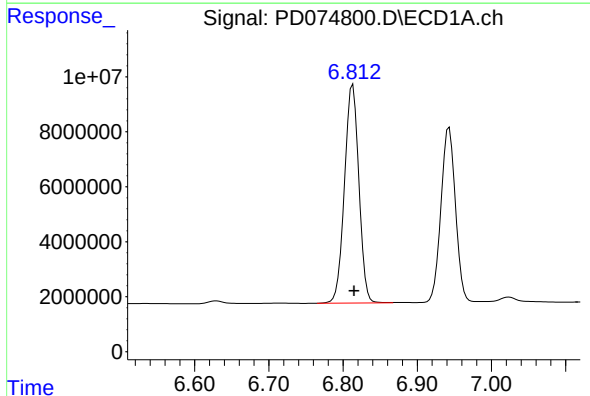
R.T.: 6.630 min  
Delta R.T.: 0.032 min  
Response: 1329434  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



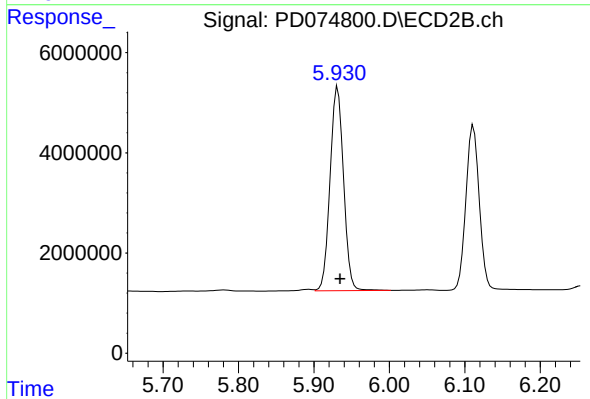
#14 Endrin

R.T.: 5.655 min  
Delta R.T.: 0.014 min  
Response: 370264  
Conc: 0.24 ng/ml



#15 Endosulfan II

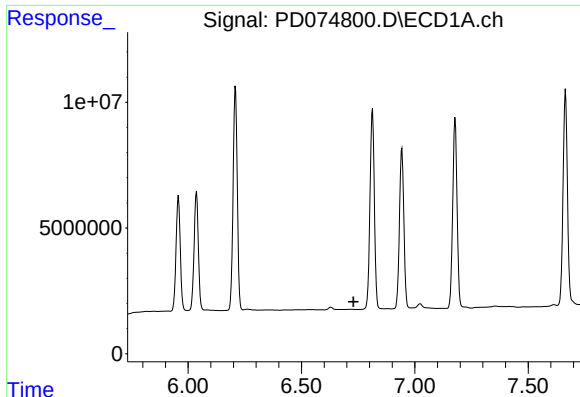
R.T.: 6.813 min  
Delta R.T.: -0.002 min  
Response: 107023751  
Conc: 33.37 ng/ml



#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: -0.003 min  
Response: 50446464  
Conc: 33.38 ng/ml

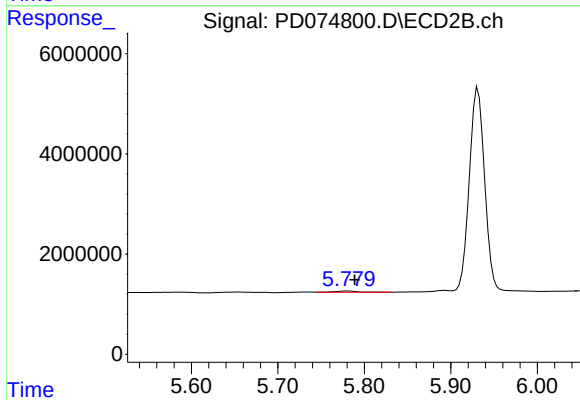




#16 4,4'-DDD

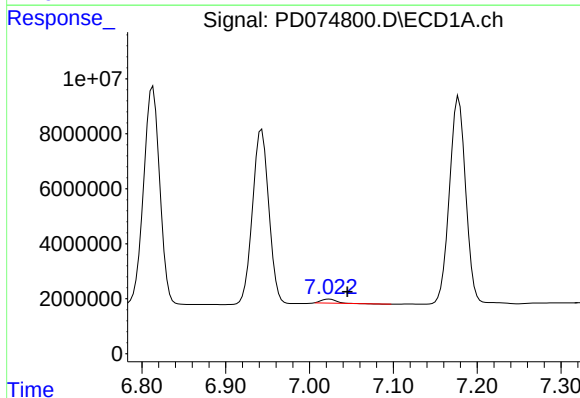
R.T.: 0.000 min  
Exp R.T.: 6.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



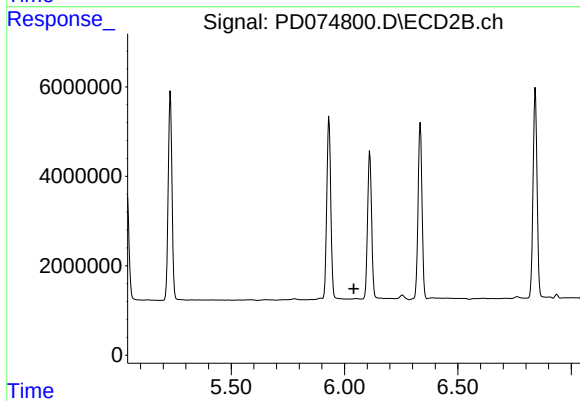
#16 4,4'-DDD

R.T.: 5.780 min  
Delta R.T.: -0.008 min  
Response: 458427  
Conc: 0.33 ng/ml



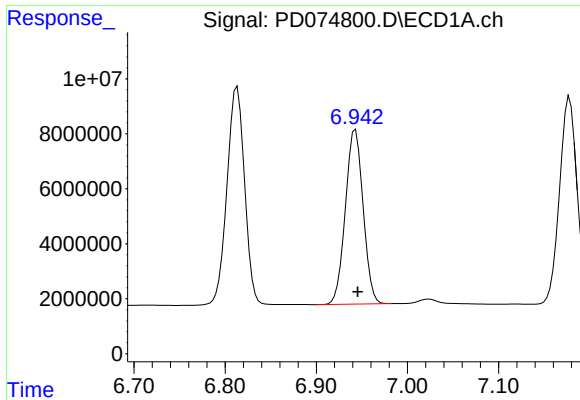
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: -0.022 min  
Response: 1769432  
Conc: 0.58 ng/ml



#17 4,4'-DDT

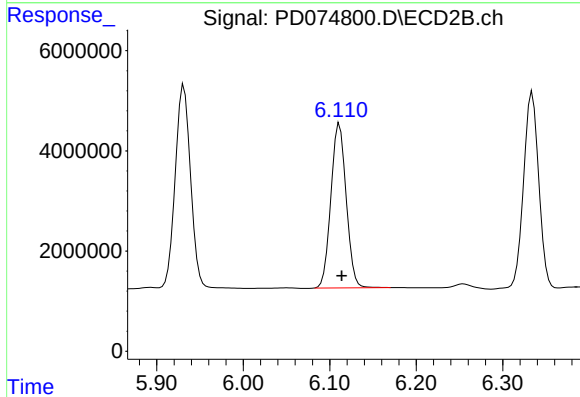
R.T.: 0.000 min  
Exp R.T.: 6.040 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

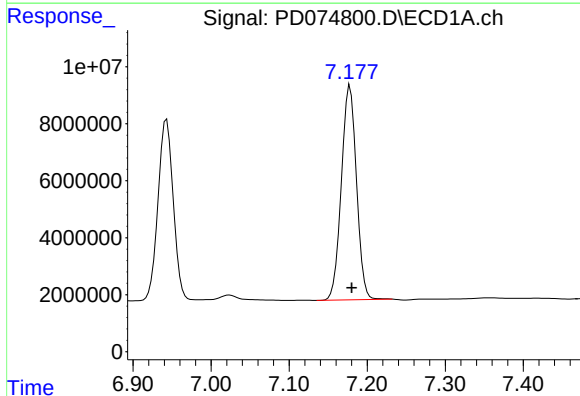
R.T.: 6.943 min  
Delta R.T.: -0.002 min  
Response: 85837345  
Conc: 32.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



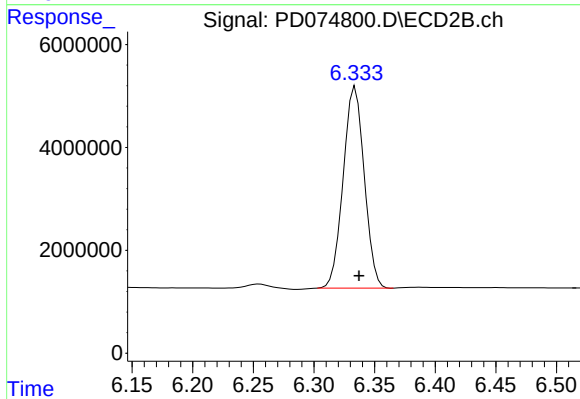
#18 Endrin aldehyde

R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 40314116  
Conc: 32.75 ng/ml



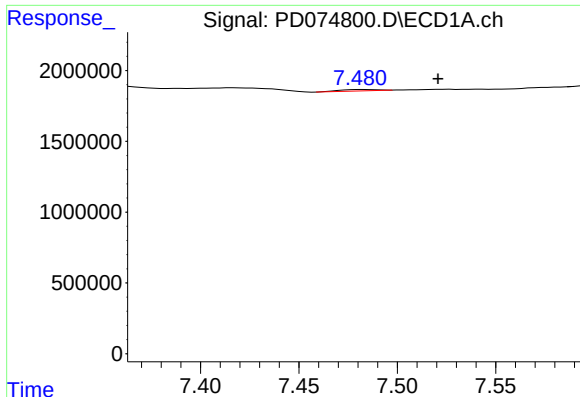
#19 Endosulfan Sulfate

R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 101027217  
Conc: 32.97 ng/ml



#19 Endosulfan Sulfate

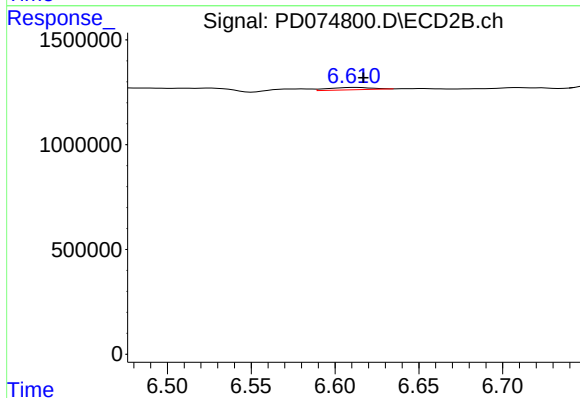
R.T.: 6.334 min  
Delta R.T.: -0.003 min  
Response: 47328684  
Conc: 33.46 ng/ml



#20 Methoxychlor

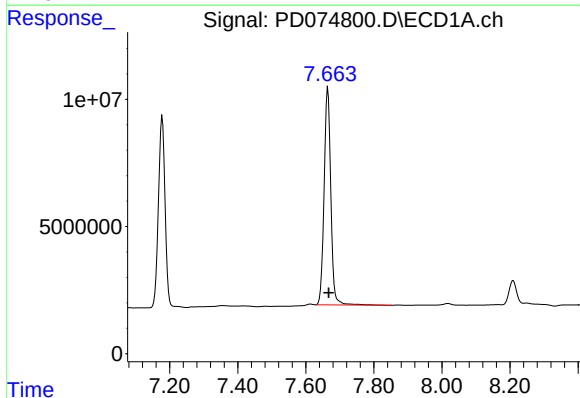
R.T.: 7.483 min  
Delta R.T.: -0.038 min  
Response: 125190  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



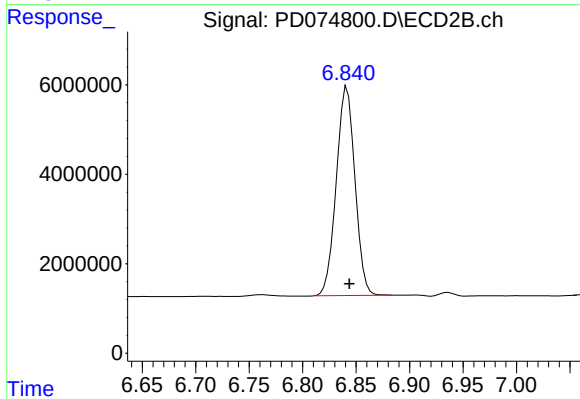
#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: -0.005 min  
Response: 202868  
Conc: 0.28 ng/ml



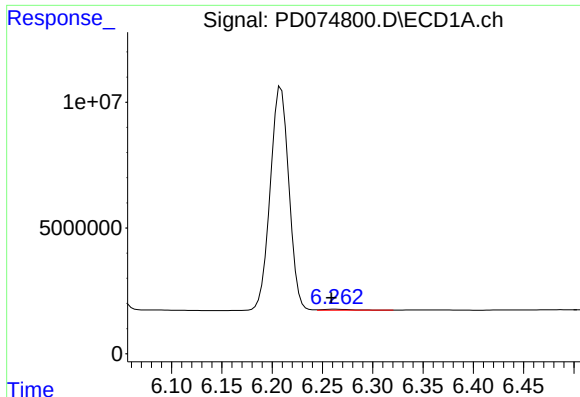
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 117568552  
Conc: 33.02 ng/ml



#21 Endrin ketone

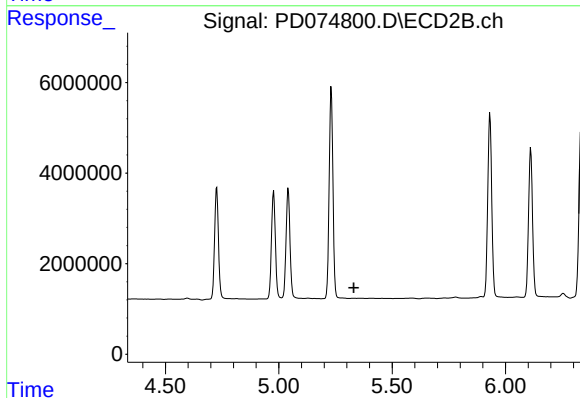
R.T.: 6.842 min  
Delta R.T.: -0.002 min  
Response: 56749413  
Conc: 33.69 ng/ml



#22 Toxaphene-1

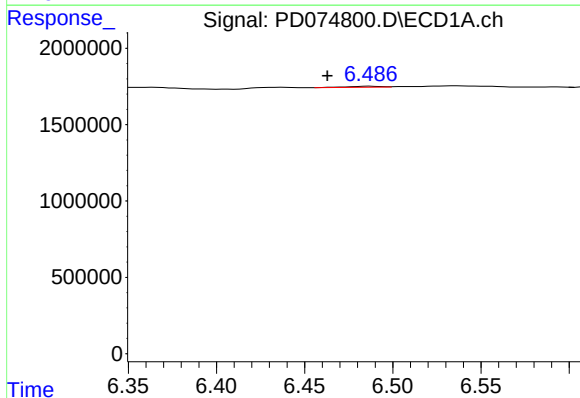
R.T.: 6.263 min  
Delta R.T.: 0.004 min  
Response: 836169  
Conc: 30.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



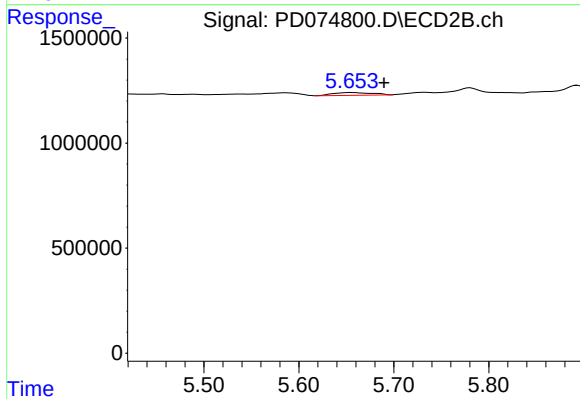
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.331 min  
Response: 0  
Conc: N.D.



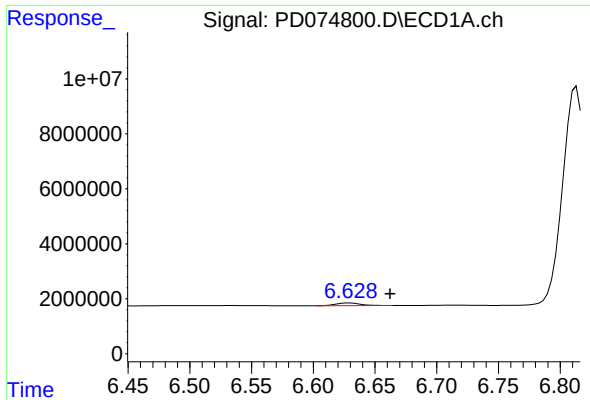
#23 Toxaphene-2

R.T.: 6.487 min  
Delta R.T.: 0.024 min  
Response: 89298  
Conc: 2.58 ng/ml



#23 Toxaphene-2

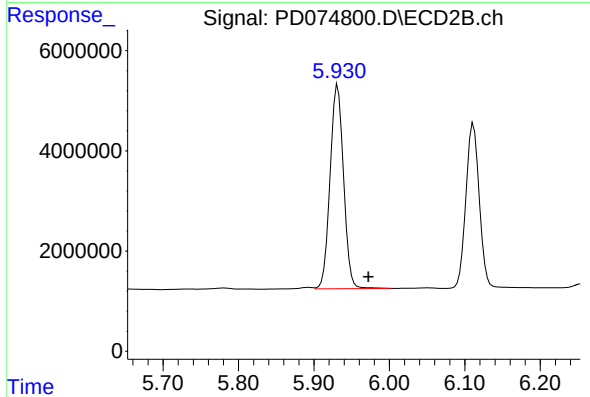
R.T.: 5.655 min  
Delta R.T.: -0.035 min  
Response: 370264  
Conc: 33.79 ng/ml



#24 Toxaphene-3

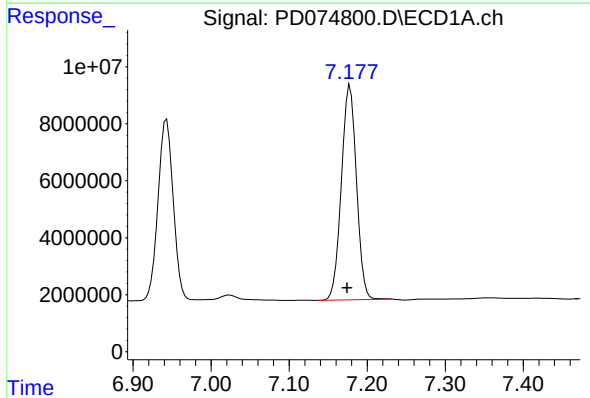
R.T.: 6.630 min  
Delta R.T.: -0.033 min  
Response: 1329434  
Conc: 57.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



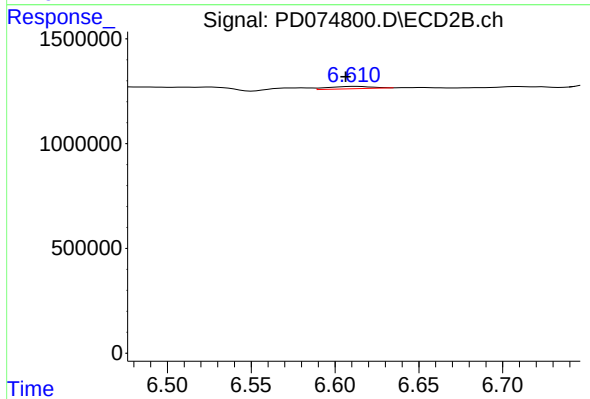
#24 Toxaphene-3

R.T.: 5.931 min  
Delta R.T.: -0.041 min  
Response: 50446464  
Conc: 4162.87 ng/ml



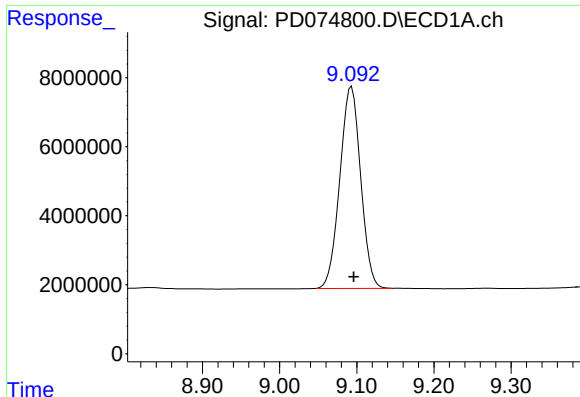
#25 Toxaphene-4

R.T.: 7.178 min  
Delta R.T.: 0.004 min  
Response: 101027217  
Conc: 1306.69 ng/ml



#25 Toxaphene-4

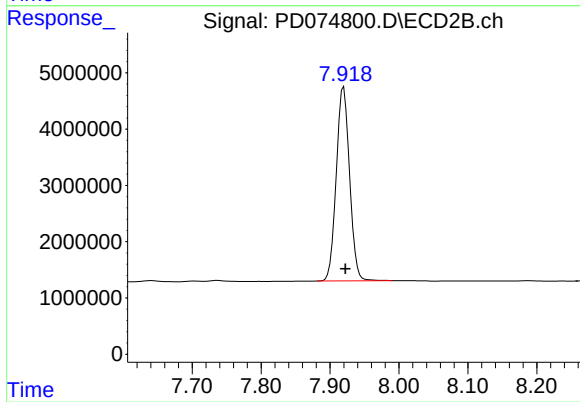
R.T.: 6.612 min  
Delta R.T.: 0.006 min  
Response: 202868  
Conc: 5.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.003 min  
Response: 109586385  
Conc: 35.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.920 min  
Delta R.T.: -0.002 min  
Response: 46306385  
Conc: 34.31 ng/ml