

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
 Data File : PD071660.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Aug 2022 17:01  
 Operator : AR\AJ  
 Sample : PEM303  
 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: Aug 26 06:48:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 11 04:21:34 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

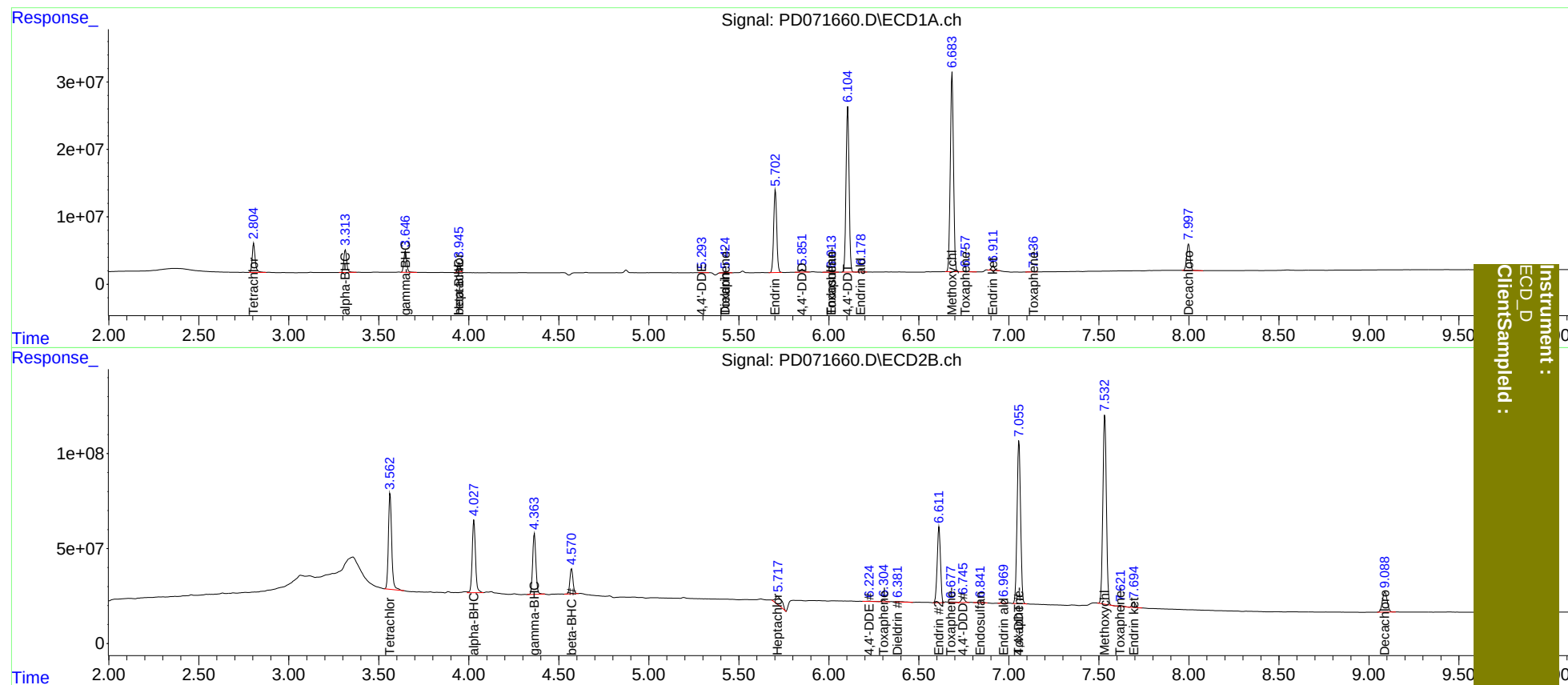
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 2.805  | 3.563  | 49167453 | 640.9E6  | 17.236  | 19.553     |
| 27)                         | SA Decachlor... | 7.998  | 9.089  | 51826733 | 196.4E6  | 18.459  | 20.485     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.314  | 4.029  | 36982418 | 485.3E6  | 8.990   | 11.491 #   |
| 3)                          | MA gamma-BHC... | 3.648  | 4.365  | 35622176 | 399.4E6  | 9.051   | 11.363 #   |
| 4)                          | MA Heptachlor   | 3.946f | 4.955  | 13940864 | 1587097  | 3.428   | <MDL #     |
| 5)                          | MB Aldrin       | 4.284  | 5.280  | 92711    | 414557   | <MDL    | <MDL #     |
| 6)                          | B beta-BHC      | 3.946  | 4.571  | 13940864 | 159.3E6  | 7.877   | 11.030 #   |
| 8)                          | B Heptachlo...  | 4.823f | 5.715  | 133377   | 121.7E6  | <MDL    | 6.115 #    |
| 9)                          | A Endosulfan I  | 0.000  | 6.090  | 0        | 495634   | N.D.    | <MDL       |
| 10)                         | B trans-Chl...  | 0.000  | 6.018f | 0        | 515537   | N.D.    | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 6.049  | 0        | 967833   | N.D.    | <MDL       |
| 12)                         | B 4,4'-DDE      | 5.295  | 6.225  | 461704   | 2139458  | 0.130   | 0.136      |
| 13)                         | MA Dieldrin     | 5.426  | 6.380  | 1476343  | 10004005 | 0.389   | 0.604 #    |
| 14)                         | MA Endrin       | 5.703  | 6.612  | 144.8E6  | 504.4E6  | 44.161  | 39.744     |
| 15)                         | B Endosulfa...  | 6.015  | 6.842  | 1363427  | 9777859  | 0.437   | 0.748 #    |
| 16)                         | A 4,4'-DDD      | 5.852  | 6.746  | 5350325  | 32046501 | 1.967   | 2.632 #    |
| 17)                         | MA 4,4'-DDT     | 6.105  | 7.056  | 288.7E6  | 1170.4E6 | 102.177 | 98.932     |
| 18)                         | B Endrin al...  | 6.179  | 6.970  | 4770039  | 19498504 | 1.779   | 1.773      |
| 20)                         | A Methoxychlor  | 6.685  | 7.533  | 364.8E6  | 1354.1E6 | 252.708 | 257.430    |
| 21)                         | B Endrin ke...  | 6.913  | 7.695  | 8178887  | 37192122 | 2.393   | 2.834      |
| 22)                         | Toxaphene-1     | 5.426  | 6.305f | 1476343  | 10658385 | 80.863  | 87.575     |
| 23)                         | Toxaphene-2     | 5.792f | 6.679  | -57311   | 9144585  | N.D.    | 102.022    |
| 24)                         | Toxaphene-3     | 6.015  | 7.056f | 1363427  | 1170.4E6 | 59.296  | 3487.184 # |
| 25)                         | Toxaphene-4     | 6.759f | 0.000  | 1232268  | 0        | 13.115  | N.D. #     |
| 26)                         | Toxaphene-5     | 7.137  | 7.618  | 503765   | 9507771  | 11.868  | 61.337 #   |
| -----                       |                 |        |        |          |          |         |            |

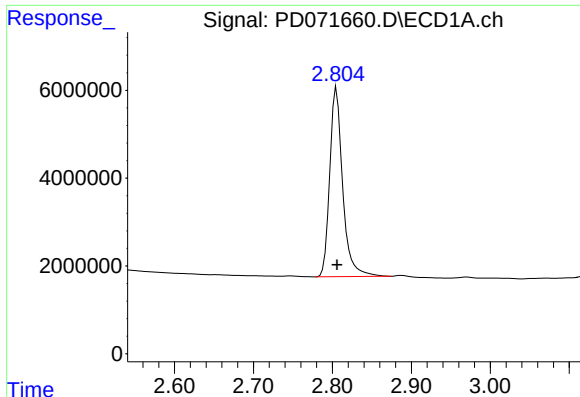
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
Data File : PD071660.D  
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Acq On : 25 Aug 2022 17:01  
Operator : AR\AJ  
Sample : PEM303  
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ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 06:48:11 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 11 04:21:34 2022  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

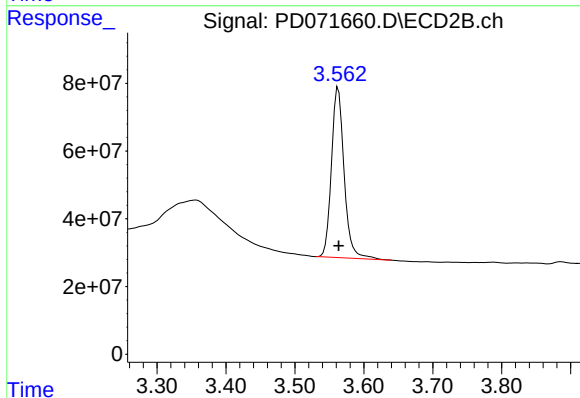




#1 Tetrachloro-m-xylene

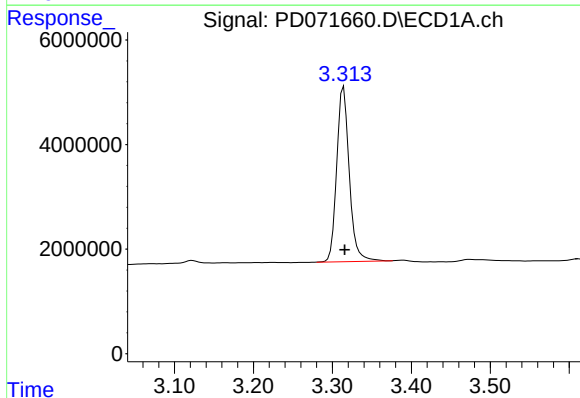
R.T.: 2.805 min  
Delta R.T.: 0.000 min  
Response: 49167453  
Conc: 17.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



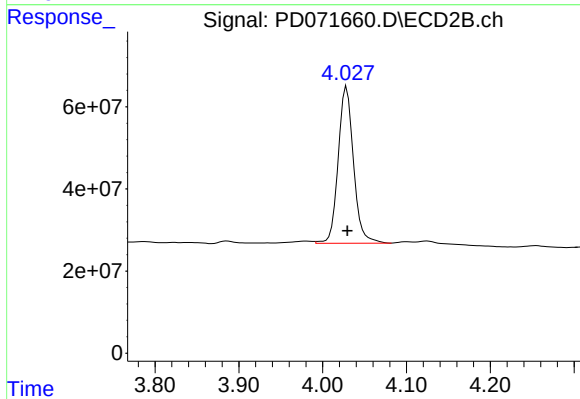
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 640921937  
Conc: 19.55 ng/ml



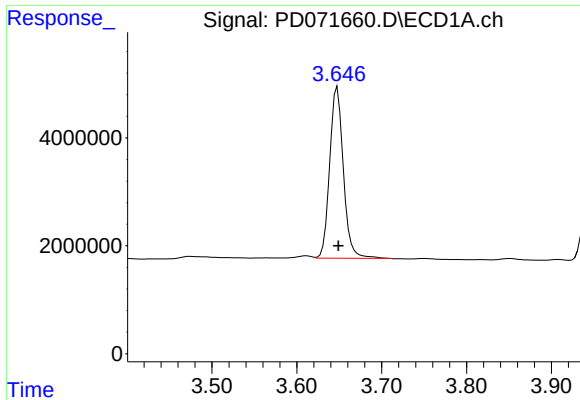
#2 alpha-BHC

R.T.: 3.314 min  
Delta R.T.: -0.001 min  
Response: 36982418  
Conc: 8.99 ng/ml



#2 alpha-BHC

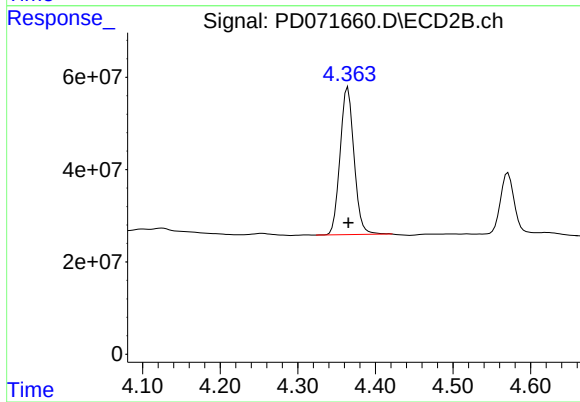
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 485317914  
Conc: 11.49 ng/ml



#3 gamma-BHC (Lindane)

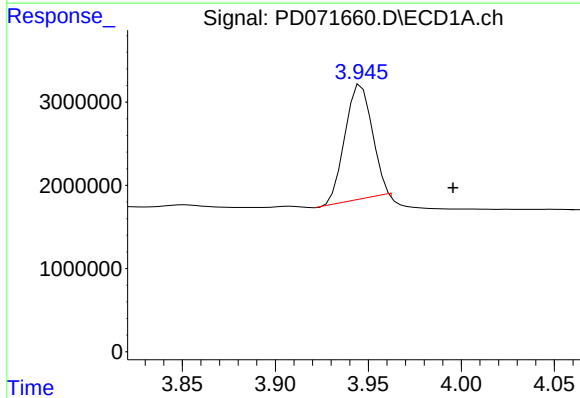
R.T.: 3.648 min  
Delta R.T.: -0.001 min  
Response: 35622176  
Conc: 9.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



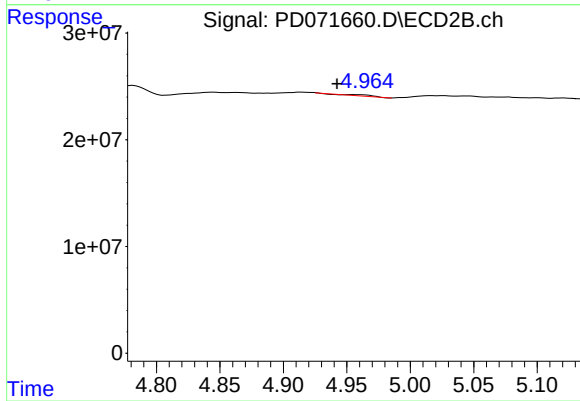
#3 gamma-BHC (Lindane)

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 399393463  
Conc: 11.36 ng/ml



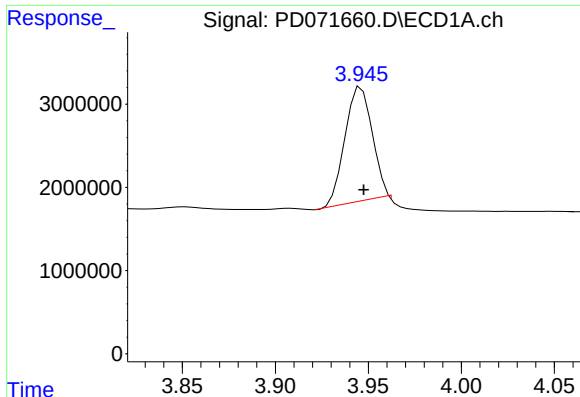
#4 Heptachlor

R.T.: 3.946 min  
Delta R.T.: -0.049 min  
Response: 13940864  
Conc: 3.43 ng/ml



#4 Heptachlor

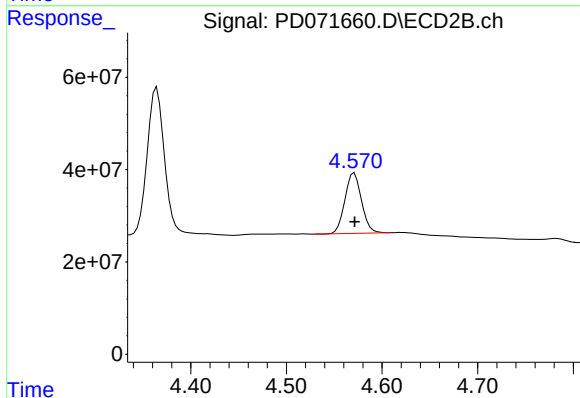
R.T.: 4.955 min  
Delta R.T.: 0.013 min  
Response: 1587097  
Conc: N.D.



#6 beta-BHC

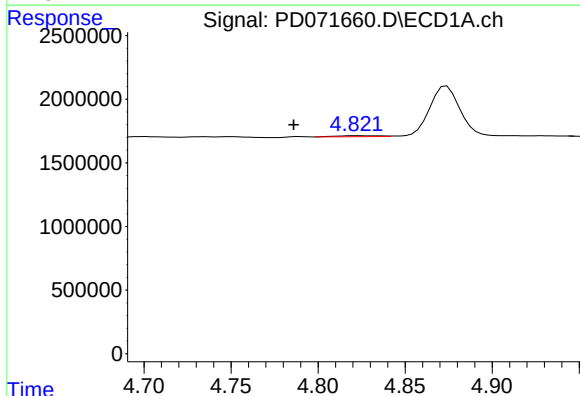
R.T.: 3.946 min  
Delta R.T.: -0.001 min  
Response: 13940864  
Conc: 7.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



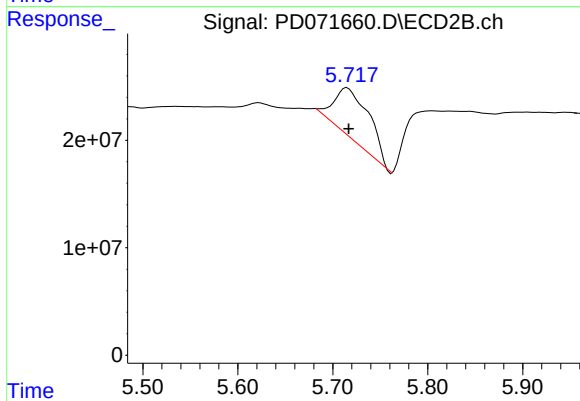
#6 beta-BHC

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 159329242  
Conc: 11.03 ng/ml



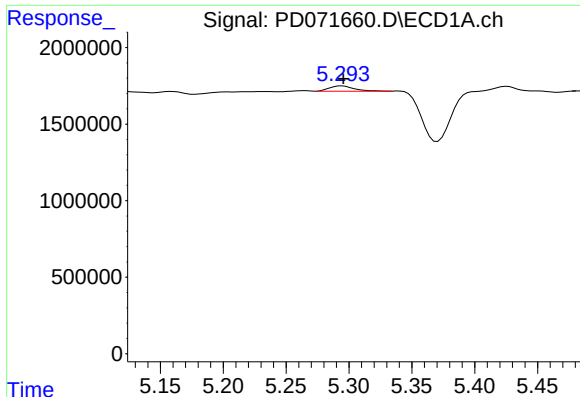
#8 Heptachlor epoxide

R.T.: 4.823 min  
Delta R.T.: 0.036 min  
Response: 133377  
Conc: N.D.



#8 Heptachlor epoxide

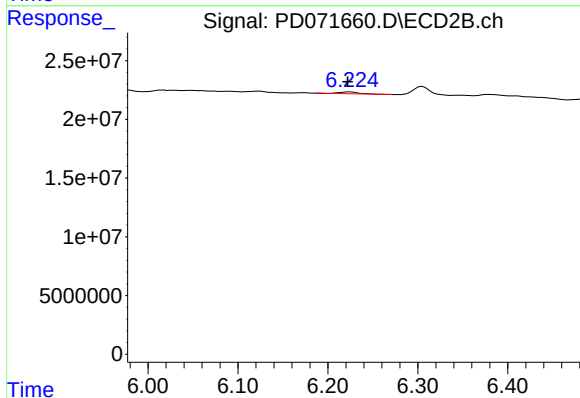
R.T.: 5.715 min  
Delta R.T.: -0.002 min  
Response: 121726989  
Conc: 6.12 ng/ml



#12 4,4'-DDE

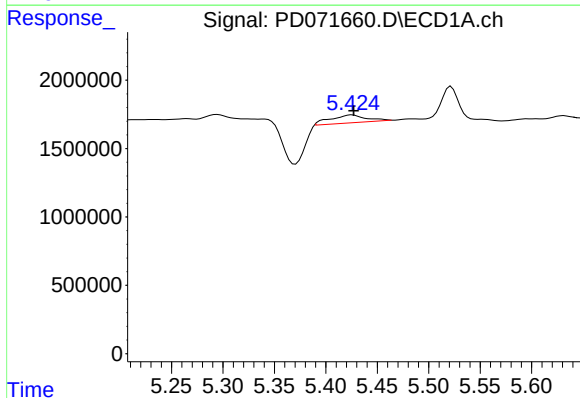
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 461704  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



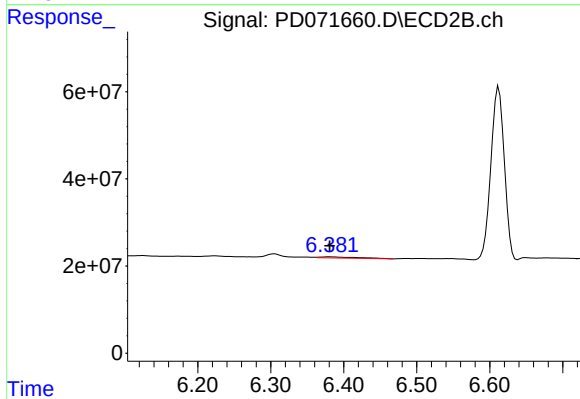
#12 4,4'-DDE

R.T.: 6.225 min  
Delta R.T.: 0.003 min  
Response: 2139458  
Conc: 0.14 ng/ml



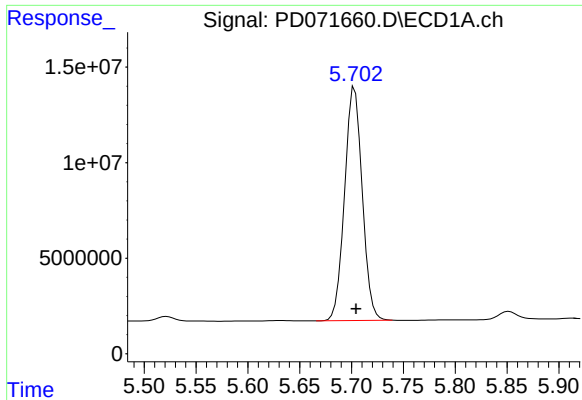
#13 Dieldrin

R.T.: 5.426 min  
Delta R.T.: -0.001 min  
Response: 1476343  
Conc: 0.39 ng/ml



#13 Dieldrin

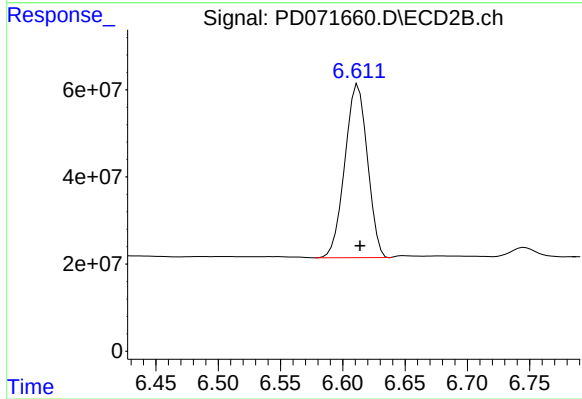
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 10004005  
Conc: 0.60 ng/ml



#14 Endrin

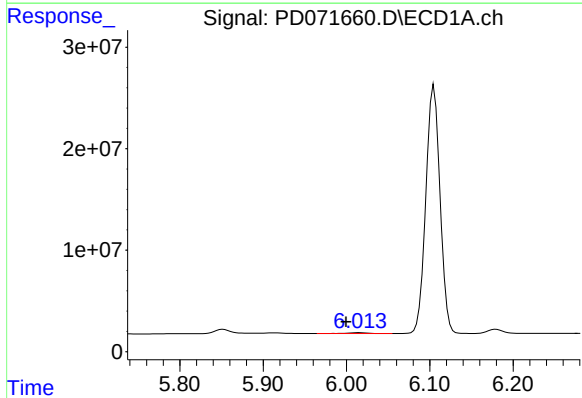
R.T.: 5.703 min  
Delta R.T.: -0.001 min  
Response: 144803457  
Conc: 44.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



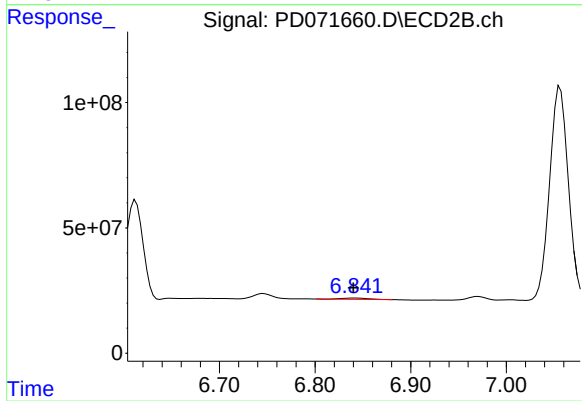
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: -0.002 min  
Response: 504381632  
Conc: 39.74 ng/ml



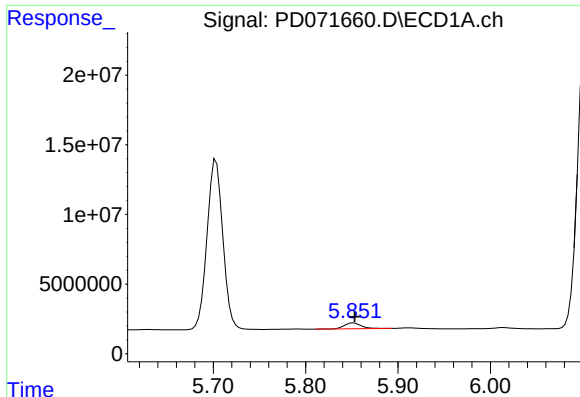
#15 Endosulfan II

R.T.: 6.015 min  
Delta R.T.: 0.015 min  
Response: 1363427  
Conc: 0.44 ng/ml



#15 Endosulfan II

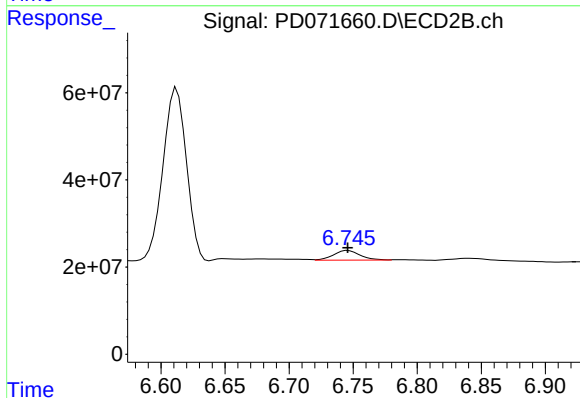
R.T.: 6.842 min  
Delta R.T.: 0.001 min  
Response: 9777859  
Conc: 0.75 ng/ml



#16 4,4'-DDD

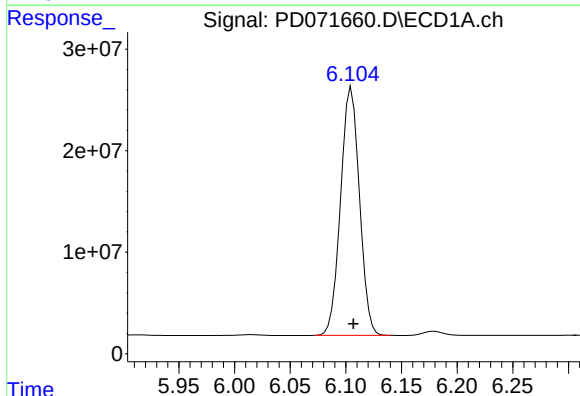
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 5350325  
Conc: 1.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



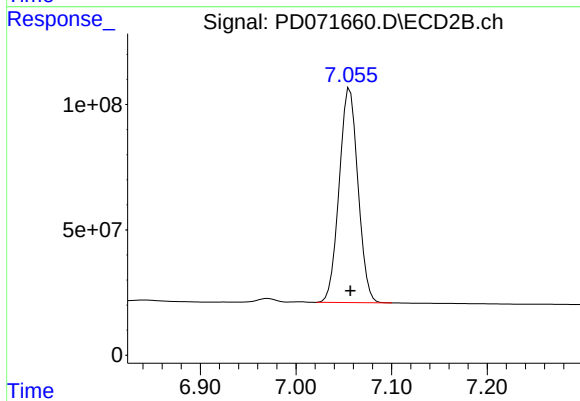
#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 32046501  
Conc: 2.63 ng/ml



#17 4,4'-DDT

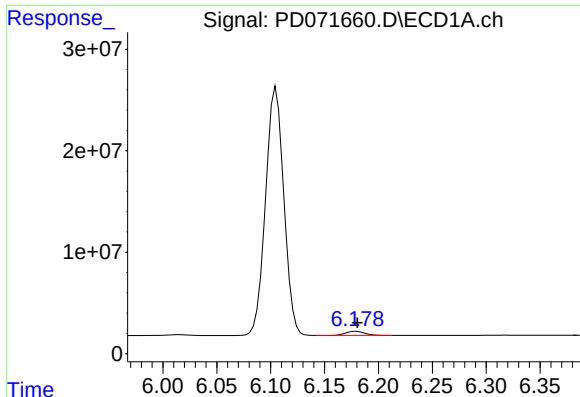
R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 288675690  
Conc: 102.18 ng/ml



#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 1170357587  
Conc: 98.93 ng/ml

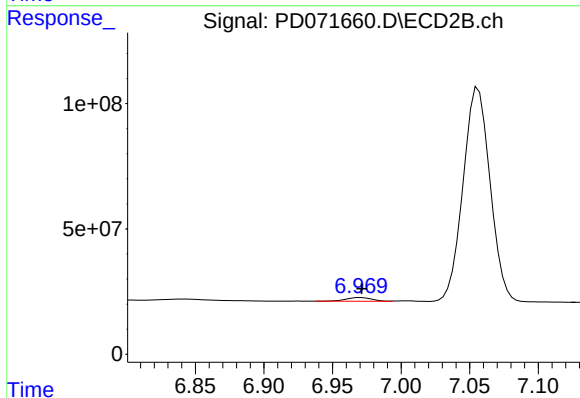




#18 Endrin aldehyde

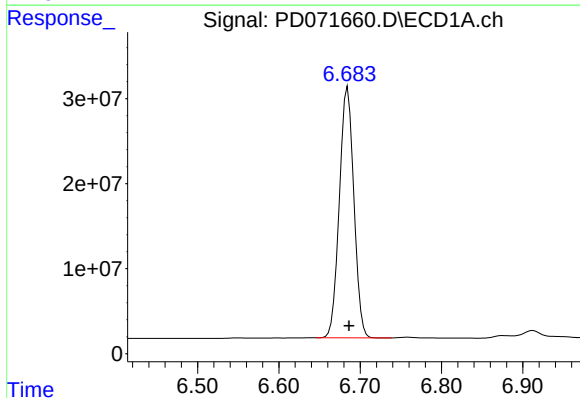
R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 4770039  
Conc: 1.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



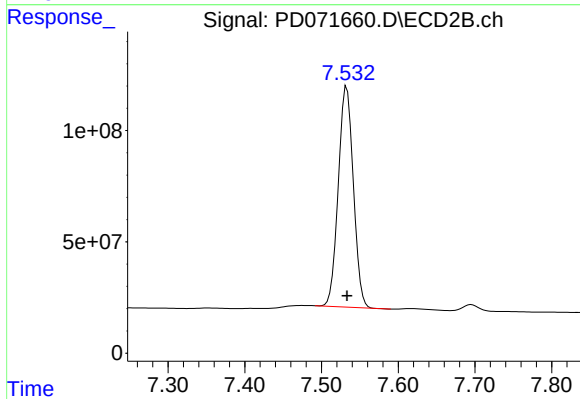
#18 Endrin aldehyde

R.T.: 6.970 min  
Delta R.T.: 0.000 min  
Response: 19498504  
Conc: 1.77 ng/ml



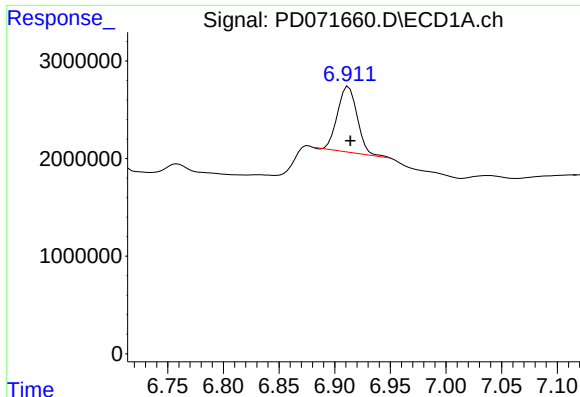
#20 Methoxychlor

R.T.: 6.685 min  
Delta R.T.: -0.002 min  
Response: 364849769  
Conc: 252.71 ng/ml



#20 Methoxychlor

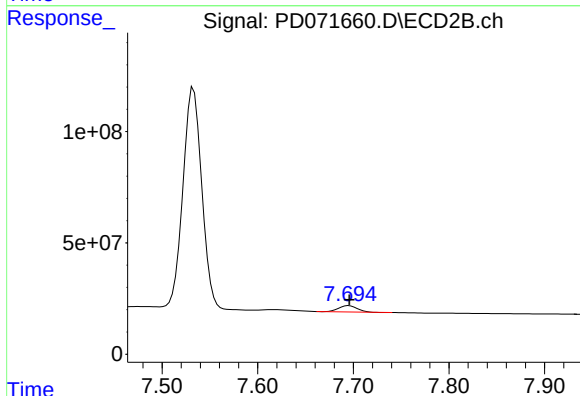
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 1354129830  
Conc: 257.43 ng/ml



#21 Endrin ketone

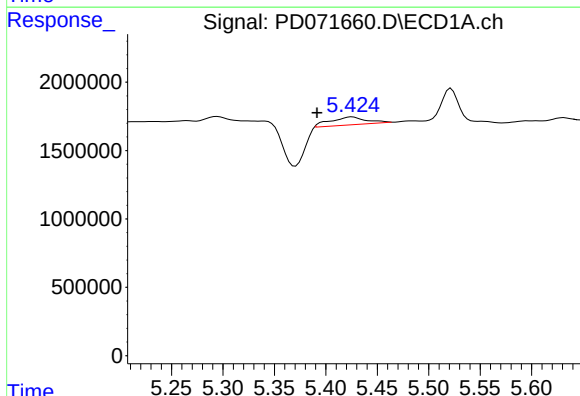
R.T.: 6.913 min  
Delta R.T.: -0.002 min  
Response: 8178887  
Conc: 2.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



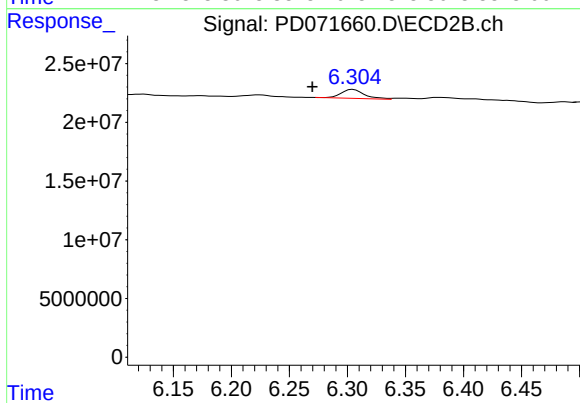
#21 Endrin ketone

R.T.: 7.695 min  
Delta R.T.: 0.000 min  
Response: 37192122  
Conc: 2.83 ng/ml



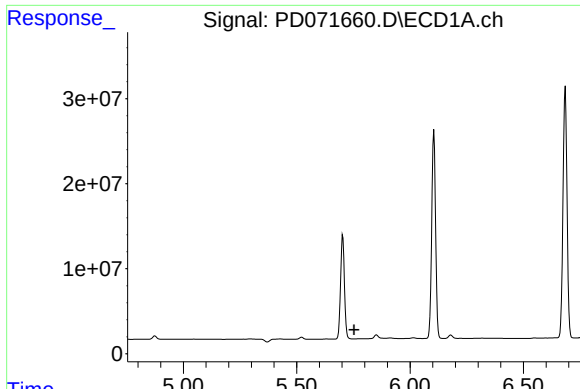
#22 Toxaphene-1

R.T.: 5.426 min  
Delta R.T.: 0.034 min  
Response: 1476343  
Conc: 80.86 ng/ml



#22 Toxaphene-1

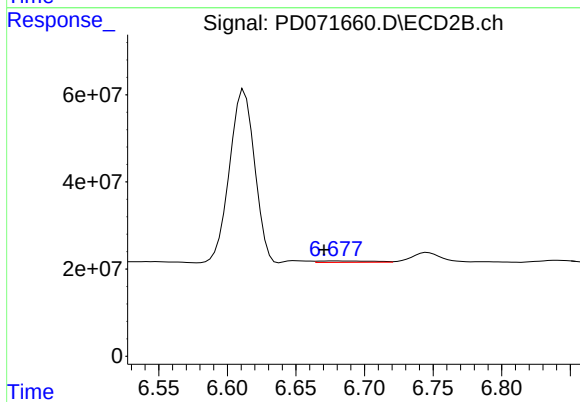
R.T.: 6.305 min  
Delta R.T.: 0.035 min  
Response: 10658385  
Conc: 87.57 ng/ml



#23 Toxaphene-2

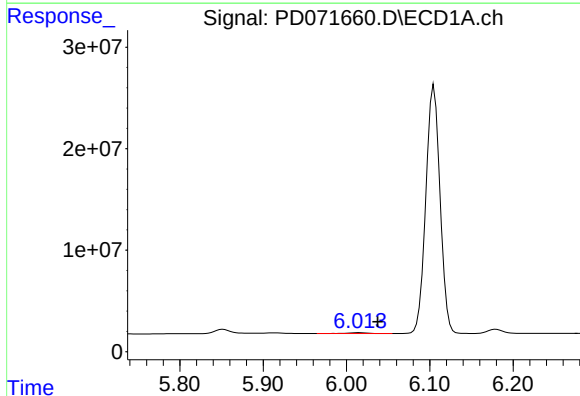
R.T.: 5.792 min  
Delta R.T.: 0.038 min  
Response: -57311  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



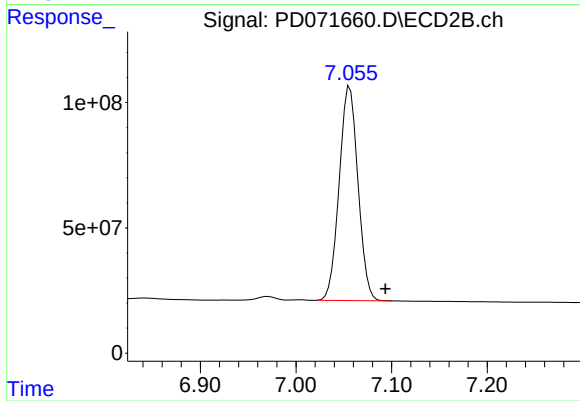
#23 Toxaphene-2

R.T.: 6.679 min  
Delta R.T.: 0.008 min  
Response: 9144585  
Conc: 102.02 ng/ml



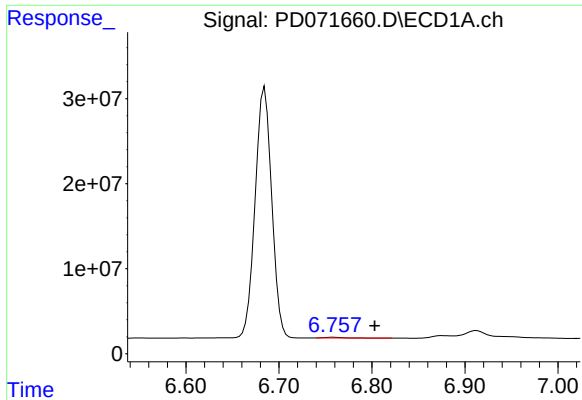
#24 Toxaphene-3

R.T.: 6.015 min  
Delta R.T.: -0.023 min  
Response: 1363427  
Conc: 59.30 ng/ml



#24 Toxaphene-3

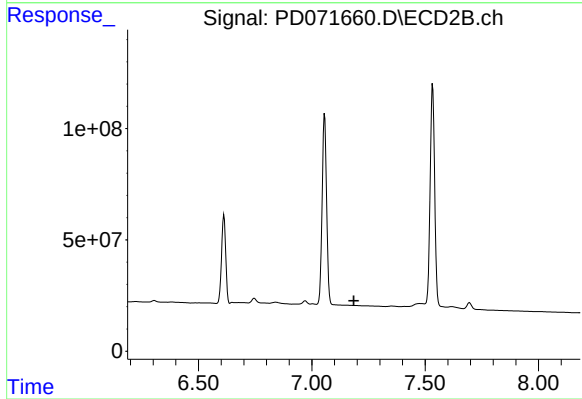
R.T.: 7.056 min  
Delta R.T.: -0.037 min  
Response: 1170357587  
Conc: 3487.18 ng/ml



#25 Toxaphene-4

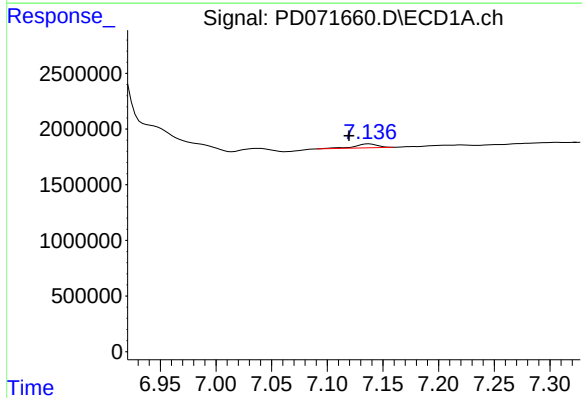
R.T.: 6.759 min  
Delta R.T.: -0.044 min  
Response: 1232268  
Conc: 13.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



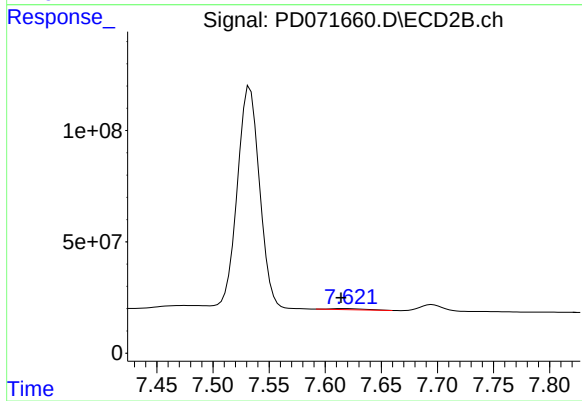
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.186 min  
Response: 0  
Conc: N.D.



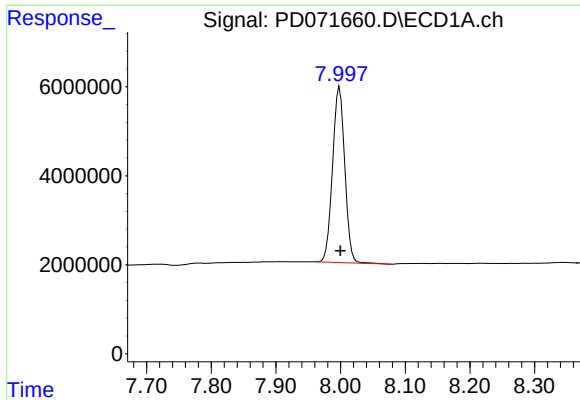
#26 Toxaphene-5

R.T.: 7.137 min  
Delta R.T.: 0.018 min  
Response: 503765  
Conc: 11.87 ng/ml



#26 Toxaphene-5

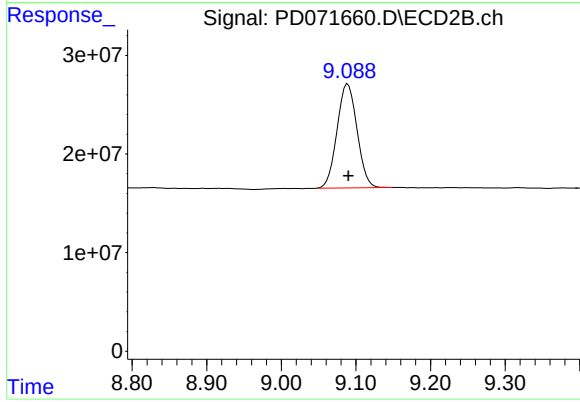
R.T.: 7.618 min  
Delta R.T.: 0.004 min  
Response: 9507771  
Conc: 61.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.998 min  
Delta R.T.: -0.001 min  
Response: 51826733  
Conc: 18.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.000 min  
Response: 196382084  
Conc: 20.49 ng/ml