

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092322\  
 Data File : PD071989.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2022 16:12  
 Operator : AR\AJ  
 Sample : N4706-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 22 23:58:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082622CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 27 07:11:22 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

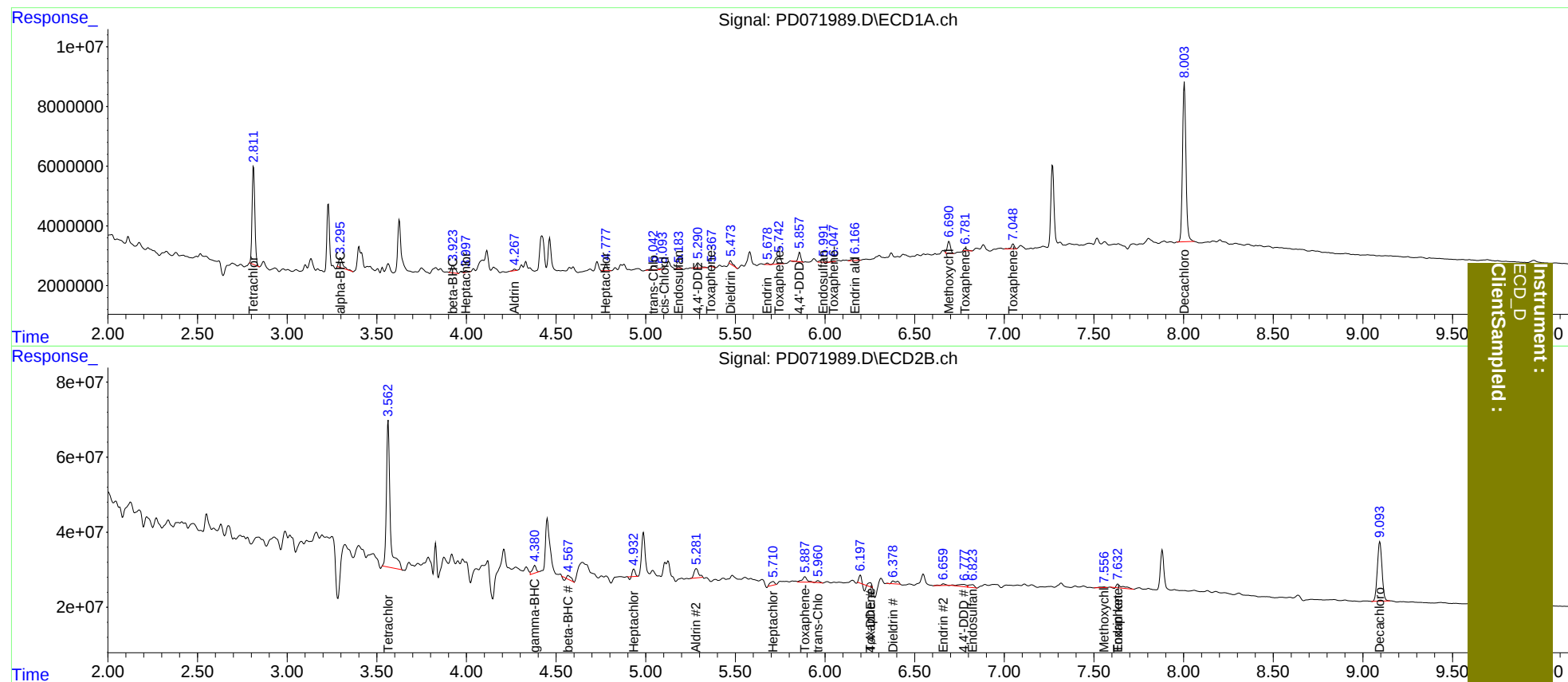
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 2.813  | 3.564  | 35235754 | 564.2E6  | 13.511  | 17.219 #  |
| 27)                         | SA Decachlor... | 8.004  | 9.095  | 71390910 | 287.0E6  | 27.205  | 30.020    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 3.626  | 4.382  | -601240  | 30356356 | N.D.    | 0.816     |
| 4)                          | MA Heptachlor   | 3.999  | 4.934  | 691680   | 17517972 | 0.182   | 0.649 #   |
| 5)                          | MB Aldrin       | 4.269  | 5.282  | 523432   | 44262770 | 0.147   | 2.049 #   |
| 6)                          | B beta-BHC      | 3.925  | 4.568  | 3865152  | 10542694 | 2.433   | 0.737 #   |
| 8)                          | B Heptachlo...  | 4.779  | 5.711  | 2262018  | 17794199 | 0.694   | 1.052 #   |
| 9)                          | A Endosulfan I  | 5.185  | 6.080  | 652280   | 1535970  | 0.207   | <MDL #    |
| 10)                         | B trans-Chl...  | 5.043  | 5.960  | 2783669  | 6420640  | 0.822   | 0.379 #   |
| 11)                         | B cis-Chlor...  | 5.096  | 6.051  | 649168   | -2264270 | 0.195   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.291  | 6.250  | 2896192  | 17095254 | 0.944   | 1.172     |
| 13)                         | MA Dieldrin     | 5.473f | 6.381  | 1342404  | 16663205 | 0.388   | 1.041 #   |
| 14)                         | MA Endrin       | 5.679  | 6.662f | 513583   | 8025877  | 0.171   | 0.610 #   |
| 15)                         | B Endosulfa...  | 5.992  | 6.820  | 1534821  | 16879183 | 0.577   | 1.400 #   |
| 16)                         | A 4,4'-DDD      | 5.858  | 6.771  | 3131799  | 20127487 | 1.190   | 1.645 #   |
| 17)                         | MA 4,4'-DDT     | 6.102  | 7.074  | 232246   | -656974  | <MDL    | N.D. #    |
| 18)                         | B Endrin al...  | 6.168  | 0.000  | 1695211  | 0        | 0.733   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.692  | 7.556  | 4959636  | 4663640  | 3.453   | 0.850 #   |
| 21)                         | B Endrin ke...  | 6.946  | 7.634f | -1172612 | 22325079 | N.D.    | 1.804     |
| 22)                         | Toxaphene-1     | 5.366  | 5.888  | 297247   | 27194113 | 16.969  | 458.023 # |
| 23)                         | Toxaphene-2     | 5.743  | 6.250  | 5518777  | 17095254 | 299.803 | 143.801 # |
| 24)                         | Toxaphene-3     | 6.048  | 7.074  | 493890   | -656974  | 23.221  | N.D. #    |
| 25)                         | Toxaphene-4     | 6.782  | 0.000  | 1030418  | 0        | 11.744  | N.D. #    |
| 26)                         | Toxaphene-5     | 7.049f | 7.634  | 1880206  | 22325079 | 49.179  | 149.693 # |
| -----                       |                 |        |        |          |          |         |           |

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

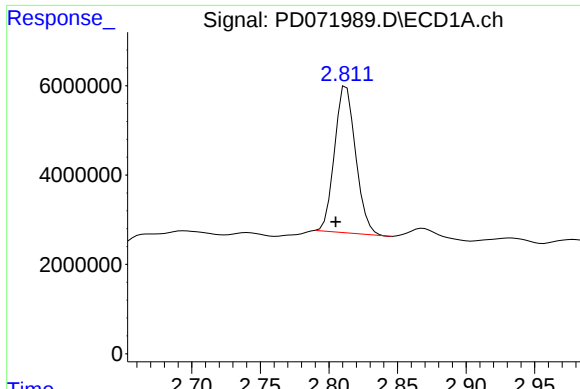
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092322\  
Data File : PD071989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Sep 2022 16:12  
Operator : AR\AJ  
Sample : N4706-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 22 23:58:01 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082622CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Aug 27 07:11:22 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



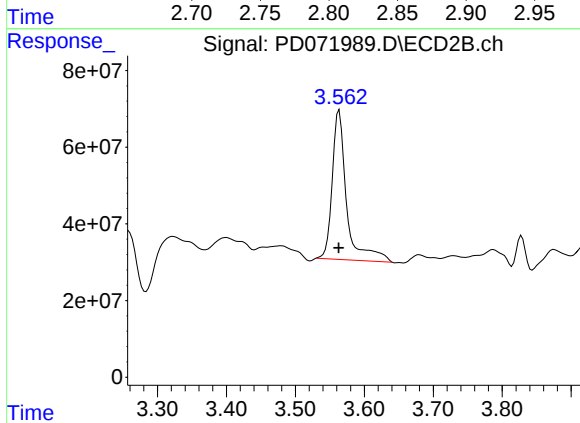
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

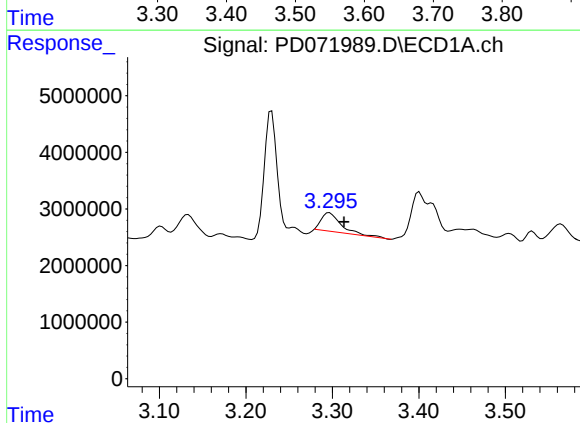
R.T.: 2.813 min  
Delta R.T.: 0.008 min  
Response: 35235754  
Conc: 13.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



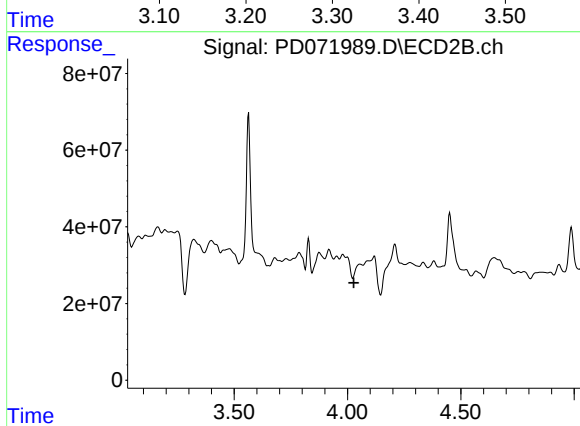
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.000 min  
Response: 564215050  
Conc: 17.22 ng/ml



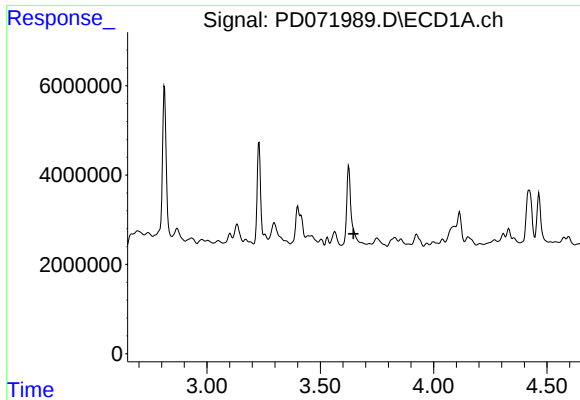
#2 alpha-BHC

R.T.: 3.297 min  
Delta R.T.: -0.017 min  
Response: 5369019  
Conc: 1.39 ng/ml



#2 alpha-BHC

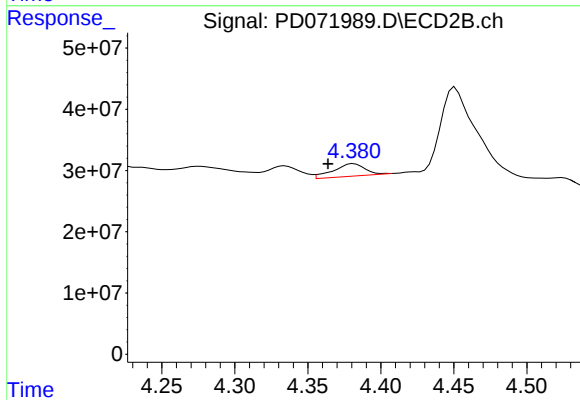
R.T.: 4.055 min  
Delta R.T.: 0.027 min  
Response: -61812536  
Conc: N.D.



#3 gamma-BHC (Lindane)

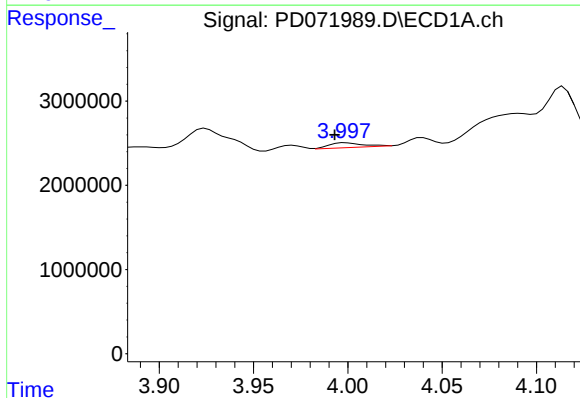
R.T.: 3.626 min  
Delta R.T.: -0.021 min  
Response: -601240  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



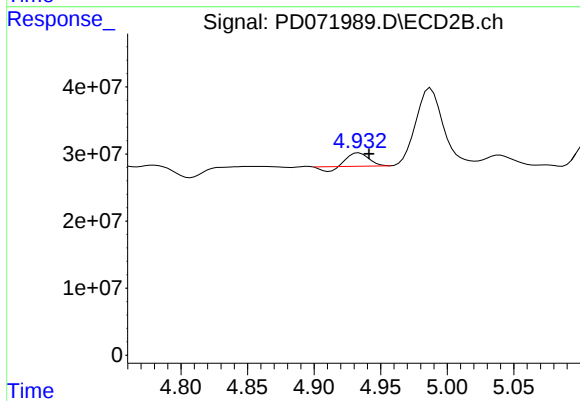
#3 gamma-BHC (Lindane)

R.T.: 4.382 min  
Delta R.T.: 0.018 min  
Response: 30356356  
Conc: 0.82 ng/ml



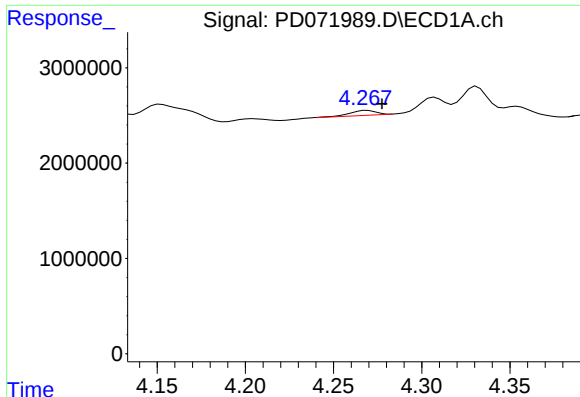
#4 Heptachlor

R.T.: 3.999 min  
Delta R.T.: 0.006 min  
Response: 691680  
Conc: 0.18 ng/ml



#4 Heptachlor

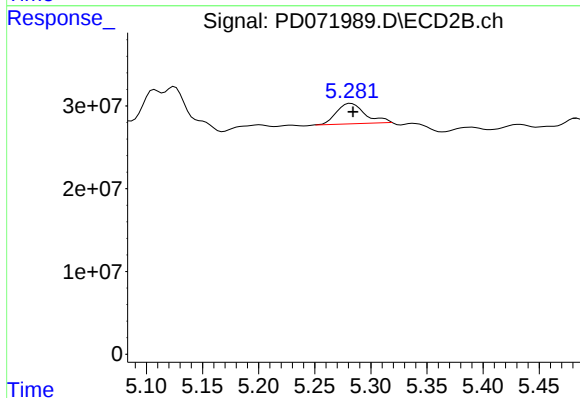
R.T.: 4.934 min  
Delta R.T.: -0.007 min  
Response: 17517972  
Conc: 0.65 ng/ml



#5 Aldrin

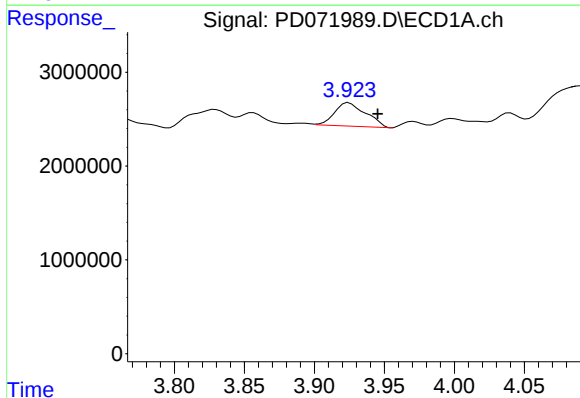
R.T.: 4.269 min  
Delta R.T.: -0.008 min  
Response: 523432  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



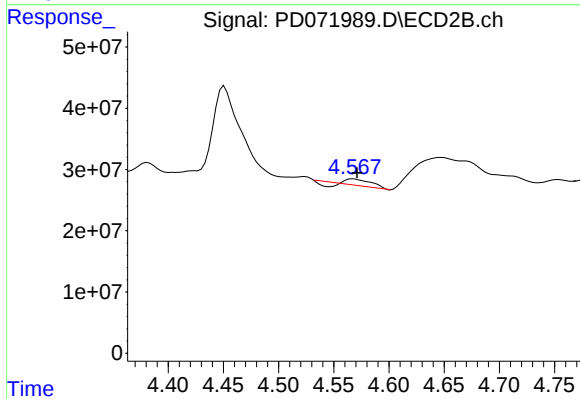
#5 Aldrin

R.T.: 5.282 min  
Delta R.T.: -0.002 min  
Response: 44262770  
Conc: 2.05 ng/ml



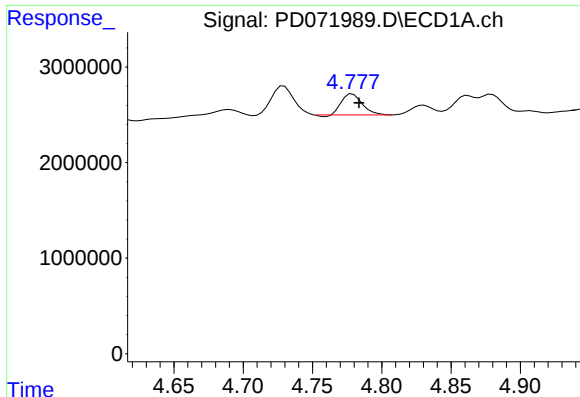
#6 beta-BHC

R.T.: 3.925 min  
Delta R.T.: -0.021 min  
Response: 3865152  
Conc: 2.43 ng/ml



#6 beta-BHC

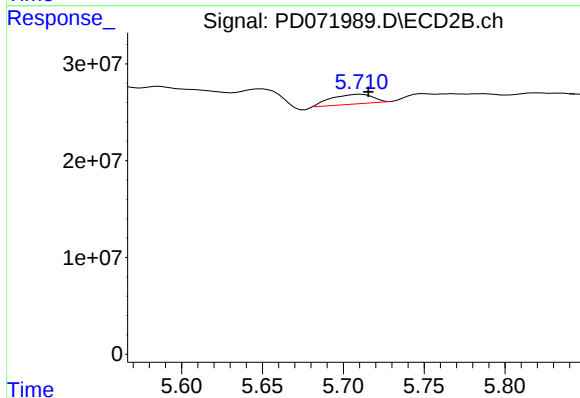
R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 10542694  
Conc: 0.74 ng/ml



#8 Heptachlor epoxide

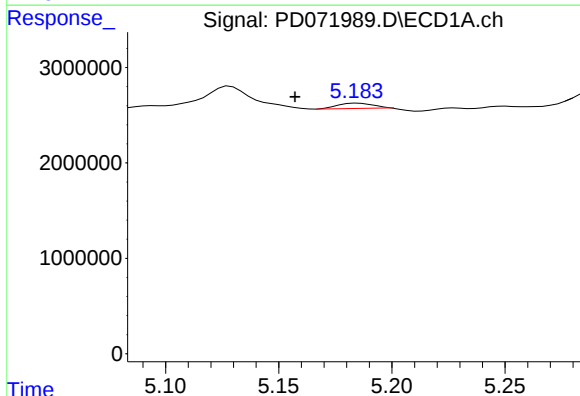
R.T.: 4.779 min  
Delta R.T.: -0.005 min  
Response: 2262018  
Conc: 0.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



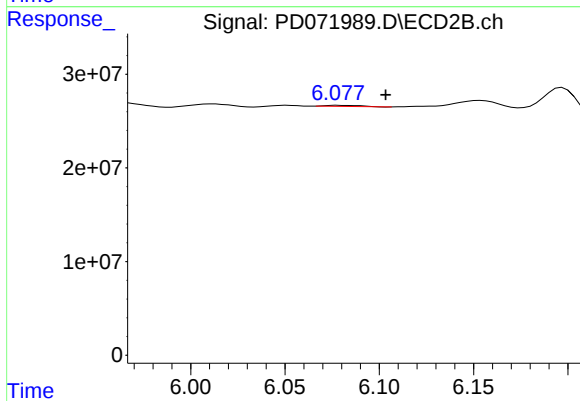
#8 Heptachlor epoxide

R.T.: 5.711 min  
Delta R.T.: -0.005 min  
Response: 17794199  
Conc: 1.05 ng/ml



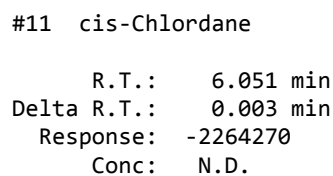
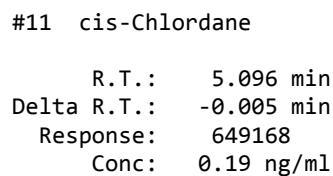
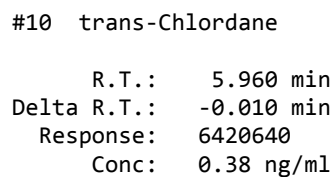
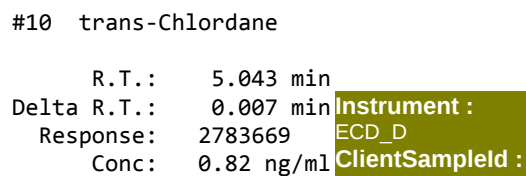
#9 Endosulfan I

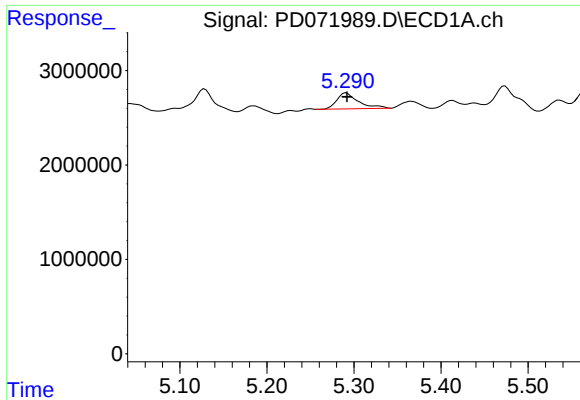
R.T.: 5.185 min  
Delta R.T.: 0.028 min  
Response: 652280  
Conc: 0.21 ng/ml



#9 Endosulfan I

R.T.: 6.080 min  
Delta R.T.: -0.023 min  
Response: 1535970  
Conc: N.D.

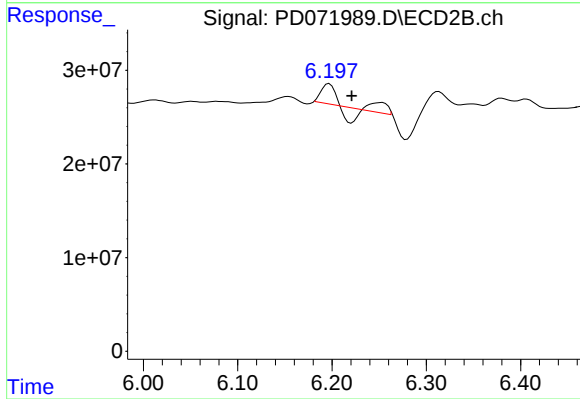




#12 4,4'-DDE

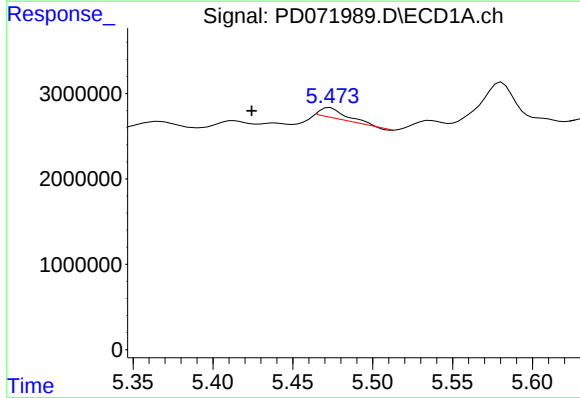
R.T.: 5.291 min  
Delta R.T.: 0.000 min  
Response: 2896192  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



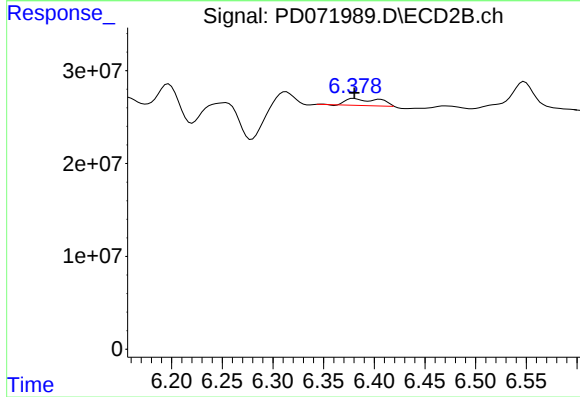
#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: 0.029 min  
Response: 17095254  
Conc: 1.17 ng/ml



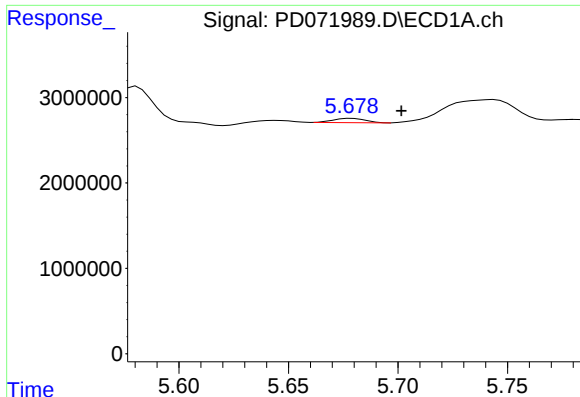
#13 Dieldrin

R.T.: 5.473 min  
Delta R.T.: 0.049 min  
Response: 1342404  
Conc: 0.39 ng/ml



#13 Dieldrin

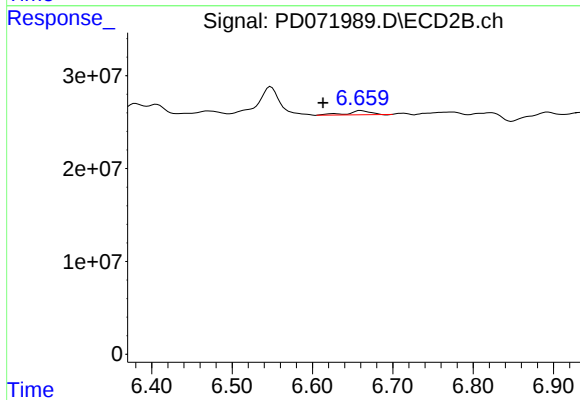
R.T.: 6.381 min  
Delta R.T.: 0.001 min  
Response: 16663205  
Conc: 1.04 ng/ml



#14 Endrin

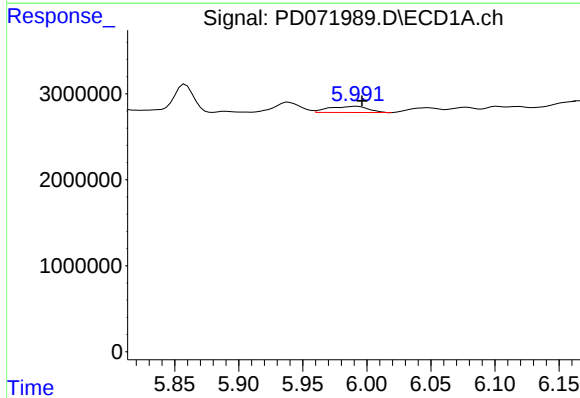
R.T.: 5.679 min  
Delta R.T.: -0.023 min  
Response: 513583  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



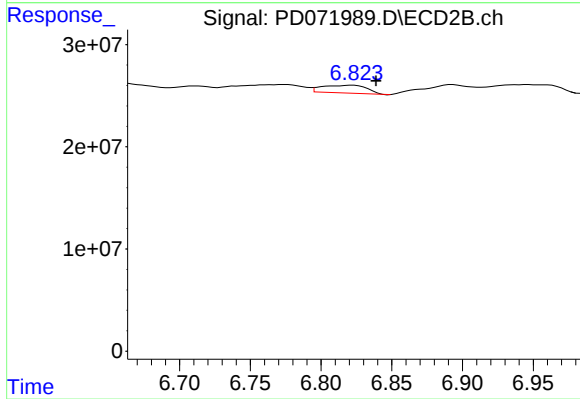
#14 Endrin

R.T.: 6.662 min  
Delta R.T.: 0.048 min  
Response: 8025877  
Conc: 0.61 ng/ml



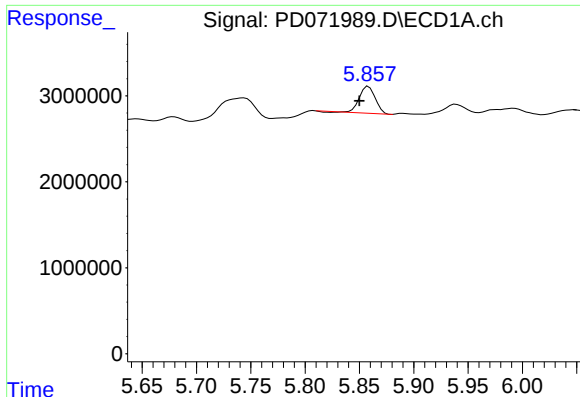
#15 Endosulfan II

R.T.: 5.992 min  
Delta R.T.: -0.004 min  
Response: 1534821  
Conc: 0.58 ng/ml



#15 Endosulfan II

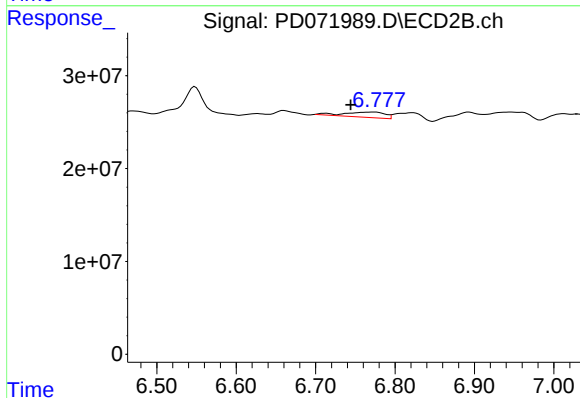
R.T.: 6.820 min  
Delta R.T.: -0.019 min  
Response: 16879183  
Conc: 1.40 ng/ml



#16 4,4'-DDD

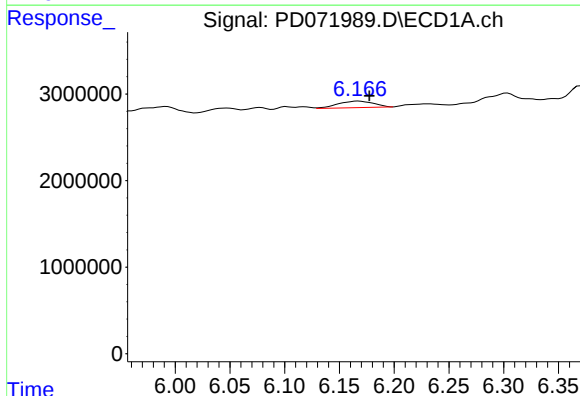
R.T.: 5.858 min  
Delta R.T.: 0.008 min  
Response: 3131799  
Conc: 1.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



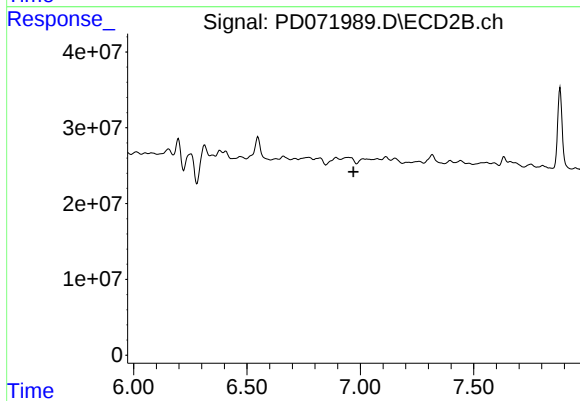
#16 4,4'-DDD

R.T.: 6.771 min  
Delta R.T.: 0.027 min  
Response: 20127487  
Conc: 1.64 ng/ml



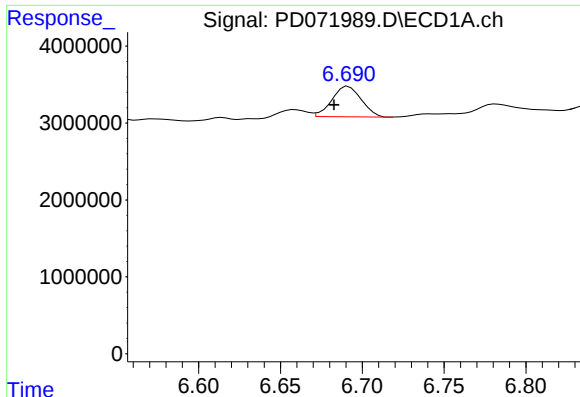
#18 Endrin aldehyde

R.T.: 6.168 min  
Delta R.T.: -0.010 min  
Response: 1695211  
Conc: 0.73 ng/ml



#18 Endrin aldehyde

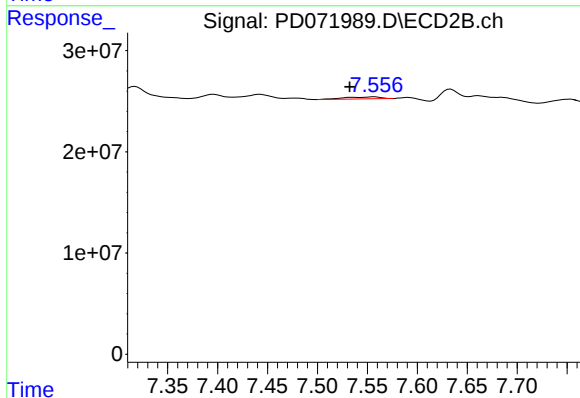
R.T.: 0.000 min  
Exp R.T. : 6.970 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

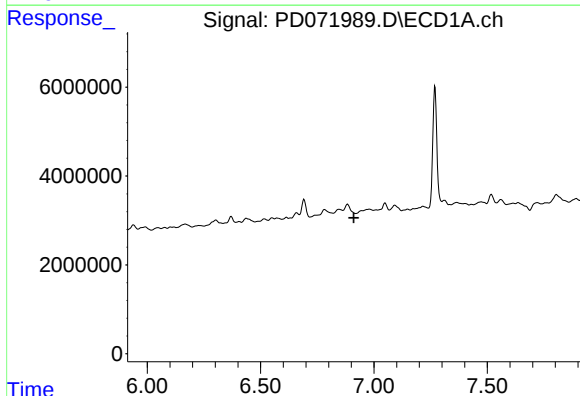
R.T.: 6.692 min  
Delta R.T.: 0.009 min  
Response: 4959636  
Conc: 3.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



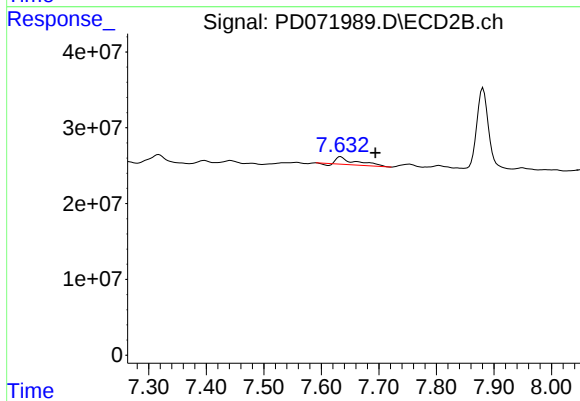
#20 Methoxychlor

R.T.: 7.556 min  
Delta R.T.: 0.023 min  
Response: 4663640  
Conc: 0.85 ng/ml



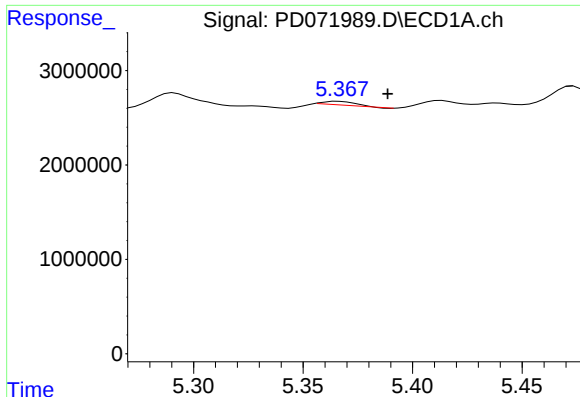
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: 0.035 min  
Response: -1172612  
Conc: N.D.



#21 Endrin ketone

R.T.: 7.634 min  
Delta R.T.: -0.060 min  
Response: 22325079  
Conc: 1.80 ng/ml



#22 Toxaphene-1

R.T.: 5.366 min  
Delta R.T.: -0.023 min  
Response: 297247  
Conc: 16.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :

#22 Toxaphene-1

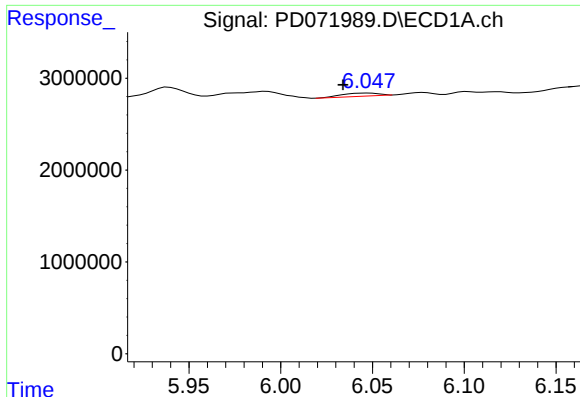
R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 27194113  
Conc: 458.02 ng/ml

#23 Toxaphene-2

R.T.: 5.743 min  
Delta R.T.: -0.007 min  
Response: 5518777  
Conc: 299.80 ng/ml

#23 Toxaphene-2

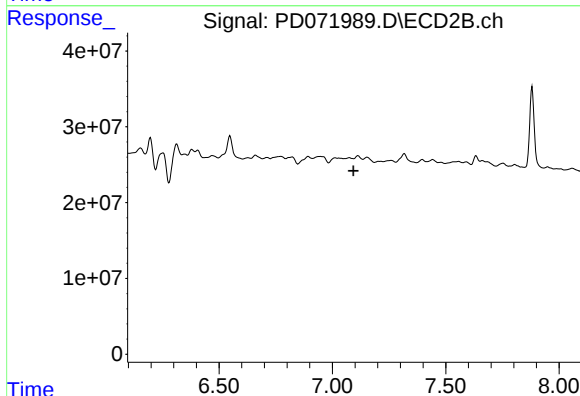
R.T.: 6.250 min  
Delta R.T.: -0.018 min  
Response: 17095254  
Conc: 143.80 ng/ml



#24 Toxaphene-3

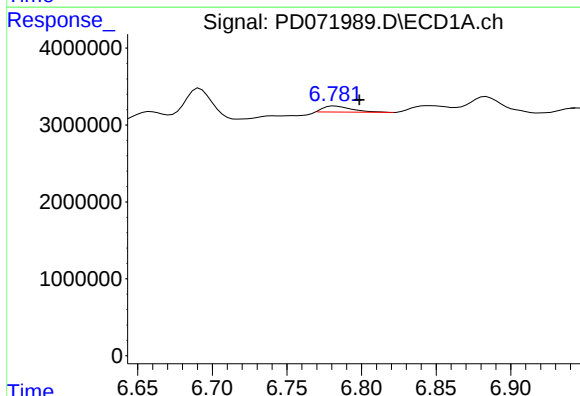
R.T.: 6.048 min  
Delta R.T.: 0.014 min  
Response: 493890  
Conc: 23.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



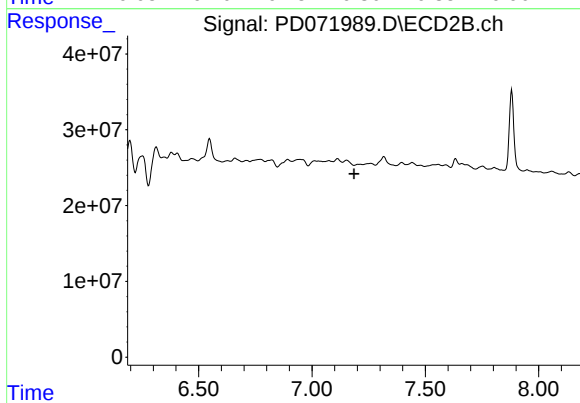
#24 Toxaphene-3

R.T.: 7.074 min  
Delta R.T.: -0.019 min  
Response: -656974  
Conc: N.D.



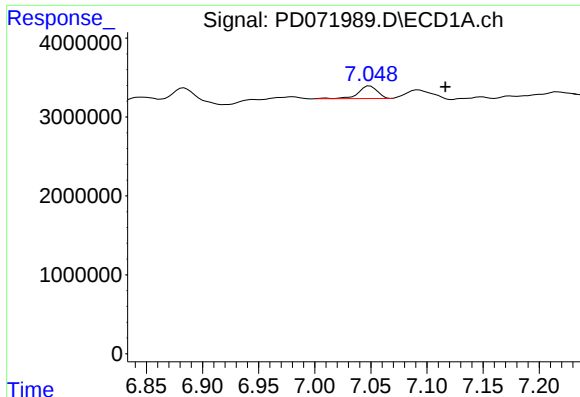
#25 Toxaphene-4

R.T.: 6.782 min  
Delta R.T.: -0.016 min  
Response: 1030418  
Conc: 11.74 ng/ml



#25 Toxaphene-4

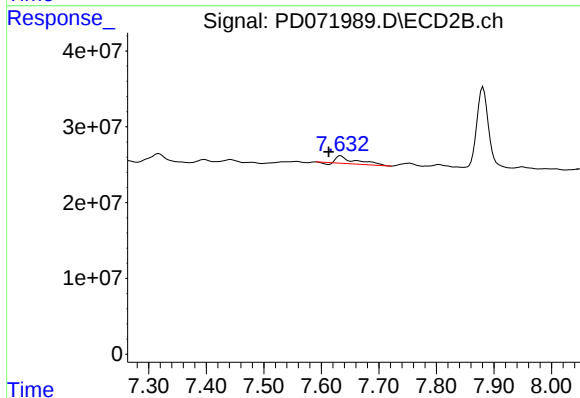
R.T.: 0.000 min  
Exp R.T. : 7.186 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

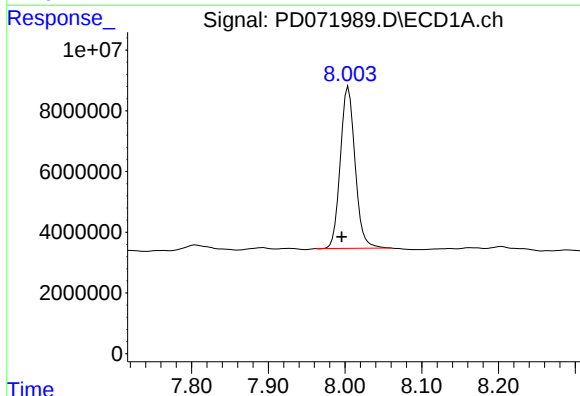
R.T.: 7.049 min  
Delta R.T.: -0.067 min  
Response: 1880206  
Conc: 49.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



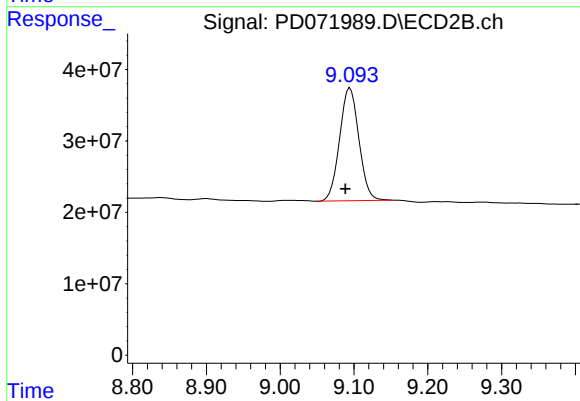
#26 Toxaphene-5

R.T.: 7.634 min  
Delta R.T.: 0.021 min  
Response: 22325079  
Conc: 149.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.004 min  
Delta R.T.: 0.008 min  
Response: 71390910  
Conc: 27.20 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.006 min  
Response: 286970529  
Conc: 30.02 ng/ml