

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120321\  
 Data File : PD067190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2021 09:54  
 Operator : AR\AJ  
 Sample : M4833-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 04:53:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 05:28:01 2021  
 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

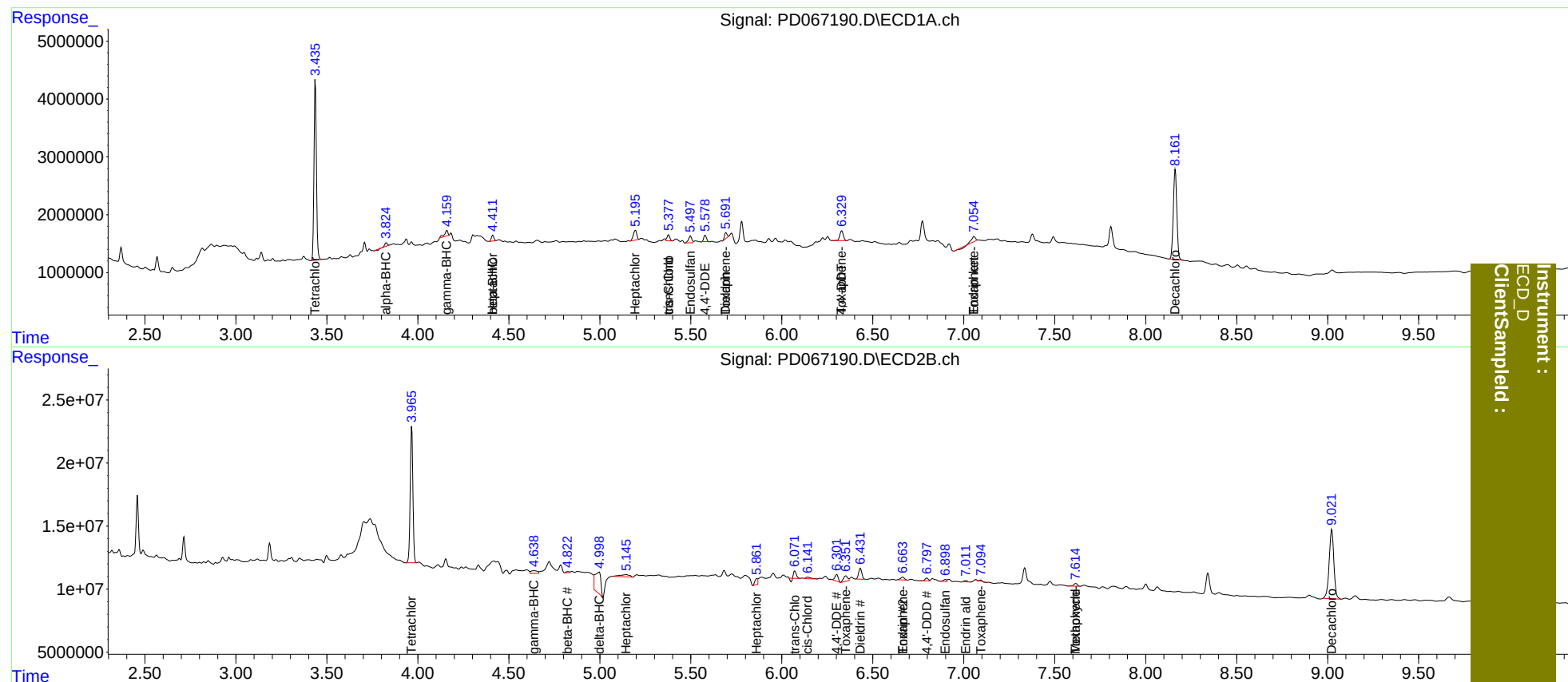
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.437  | 3.967  | 28801320 | 110.1E6  | 13.190 | 13.749    |
| 27)                         | SA Decachlor... | 8.163  | 9.023  | 20923324 | 99051969 | 18.429 | 19.534    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.826f | 0.000  | 574047   | 0        | 0.176  | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.160  | 4.639  | 1275707  | 5408718  | 0.401  | 0.539 #   |
| 4)                          | MA Heptachlor   | 4.412f | 5.146  | 938679   | 6649299  | 0.293  | 0.713 #   |
| 5)                          | MB Aldrin       | 0.000  | 5.433  | 0        | 513886   | N.D.   | <MDL      |
| 6)                          | B beta-BHC      | 4.412  | 4.824  | 938679   | 1050931  | 0.705  | 0.228 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.997f | 0        | 36614106 | N.D.   | 4.137     |
| 8)                          | B Heptachlo...  | 5.196f | 5.864  | 2209757  | 4786382  | 0.800  | 0.683     |
| 9)                          | A Endosulfan I  | 5.498  | 6.211  | 1443305  | 623442   | 0.543  | <MDL #    |
| 10)                         | B trans-Chl...  | 5.378  | 6.072  | 1104277  | 4842136  | 0.392  | 0.638 #   |
| 11)                         | B cis-Chlor...  | 5.378f | 6.142  | 1104277  | 2528160  | 0.398  | 0.342     |
| 12)                         | B 4,4'-DDE      | 5.580  | 6.302  | 1126772  | 6735763  | 0.450  | 1.005 #   |
| 13)                         | MA Dieldrin     | 5.694  | 6.432  | 933030   | 10717717 | 0.324  | 1.440 #   |
| 14)                         | MA Endrin       | 0.000  | 6.665  | 0        | 3354516  | N.D.   | 0.578     |
| 15)                         | B Endosulfa...  | 6.189f | 6.899  | -343584  | 1849624  | N.D.   | 0.305     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.798  | 0        | 2741065  | N.D.   | 0.469     |
| 17)                         | MA 4,4'-DDT     | 6.330  | 7.094  | 2337272  | 212023   | 1.100  | <MDL #    |
| 18)                         | B Endrin al...  | 0.000  | 7.012  | 0        | 1226311  | N.D.   | 0.260     |
| 20)                         | A Methoxychlor  | 0.000  | 7.616f | 0        | 3132506  | N.D.   | 1.125     |
| 21)                         | B Endrin ke...  | 7.057f | 7.664f | 1213209  | 610579   | 0.584  | <MDL #    |
| 22)                         | Toxaphene-1     | 5.694  | 6.353  | 933030   | 6894791  | 55.355 | 209.682 # |
| 23)                         | Toxaphene-2     | 6.189  | 6.665  | -343584  | 3354516  | N.D.   | 93.556    |
| 24)                         | Toxaphene-3     | 6.330  | 7.094  | 2337272  | 212023   | 59.855 | 2.201 #   |
| 26)                         | Toxaphene-5     | 7.057  | 7.616  | 1213209  | 3132506  | 30.892 | 41.837 #  |
| -----                       |                 |        |        |          |          |        |           |

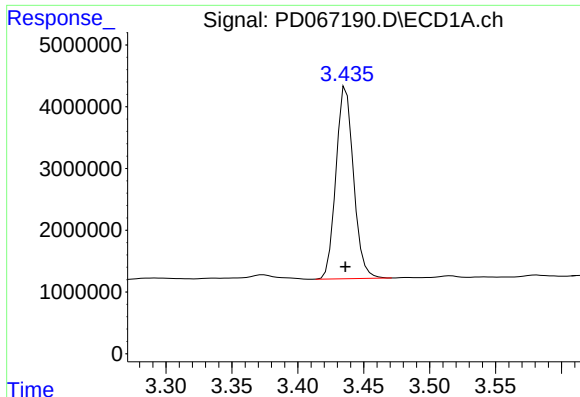
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120321\  
Data File : PD067190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2021 09:54  
Operator : AR\AJ  
Sample : M4833-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 04:53:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112921CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 05:28:01 2021  
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

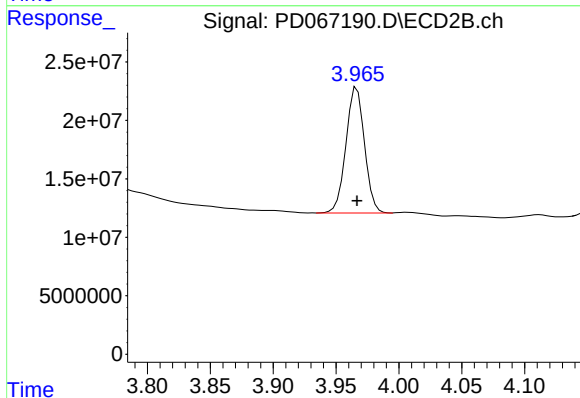




#1 Tetrachloro-m-xylene

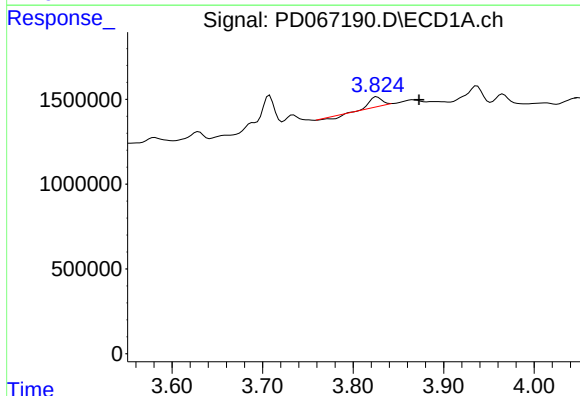
R.T.: 3.437 min  
Delta R.T.: 0.000 min  
Response: 28801320  
Conc: 13.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



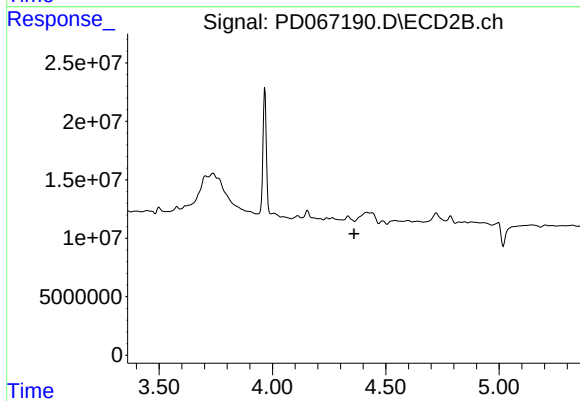
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 110147112  
Conc: 13.75 ng/ml



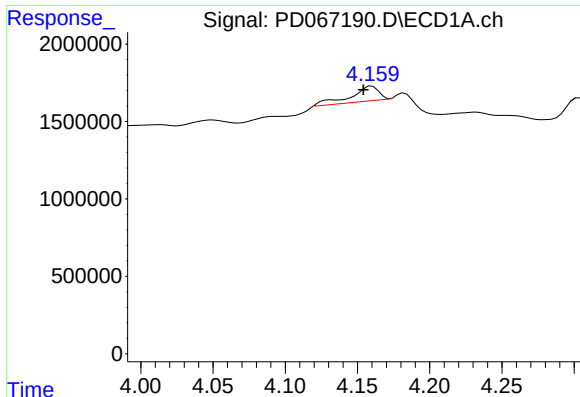
#2 alpha-BHC

R.T.: 3.826 min  
Delta R.T.: -0.046 min  
Response: 574047  
Conc: 0.18 ng/ml



#2 alpha-BHC

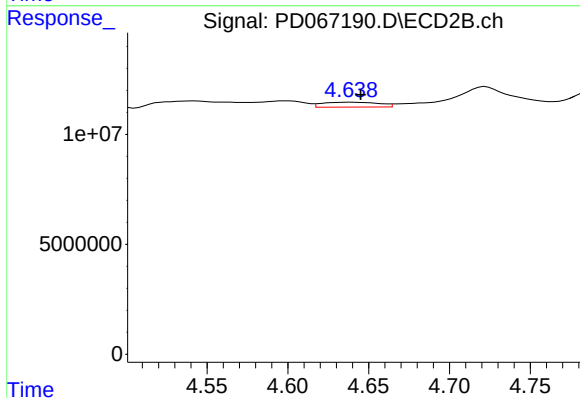
R.T.: 0.000 min  
Exp R.T. : 4.360 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

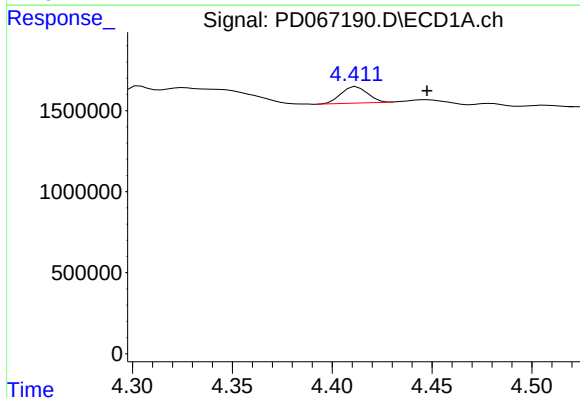
R.T.: 4.160 min  
Delta R.T.: 0.006 min  
Response: 1275707  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



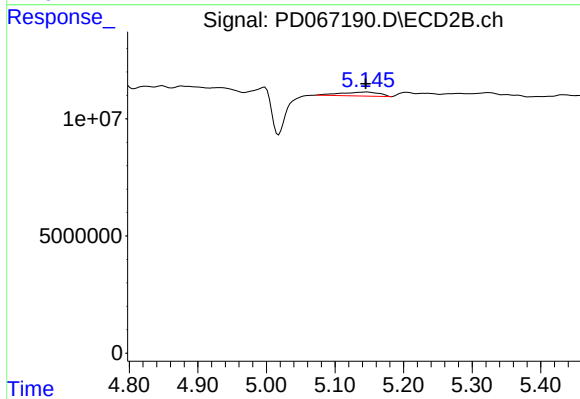
#3 gamma-BHC (Lindane)

R.T.: 4.639 min  
Delta R.T.: -0.006 min  
Response: 5408718  
Conc: 0.54 ng/ml



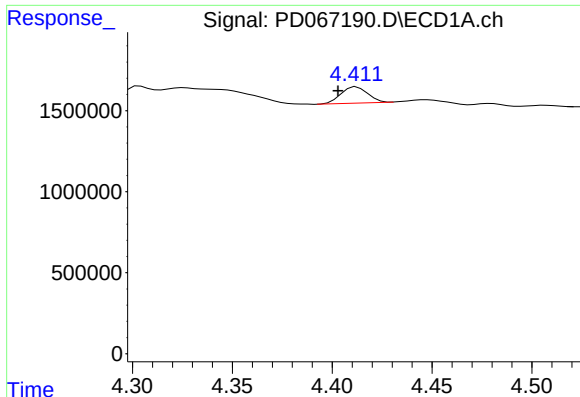
#4 Heptachlor

R.T.: 4.412 min  
Delta R.T.: -0.035 min  
Response: 938679  
Conc: 0.29 ng/ml



#4 Heptachlor

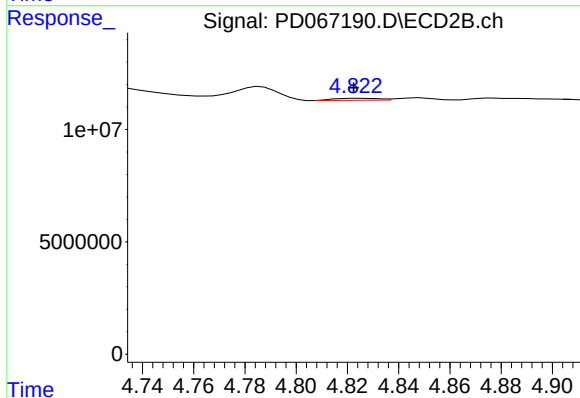
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 6649299  
Conc: 0.71 ng/ml



#6 beta-BHC

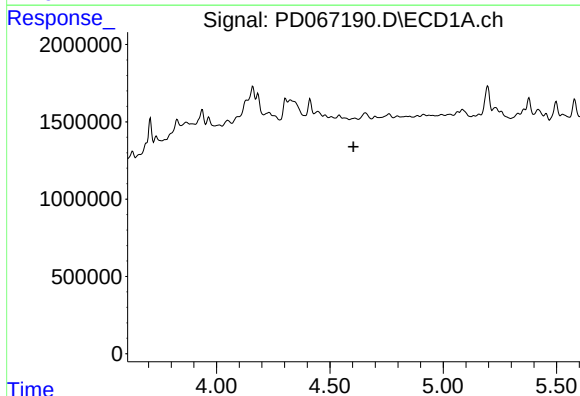
R.T.: 4.412 min  
Delta R.T.: 0.009 min  
Response: 938679  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



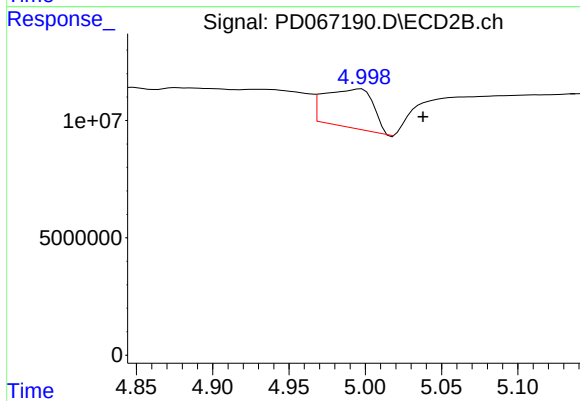
#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.002 min  
Response: 1050931  
Conc: 0.23 ng/ml



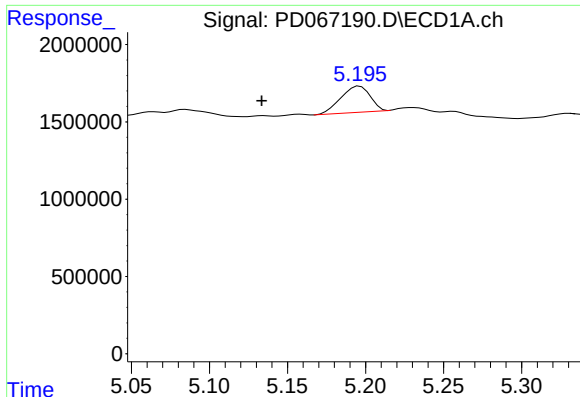
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.605 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

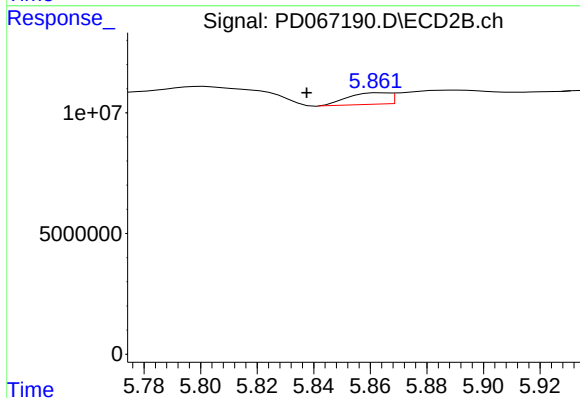
R.T.: 4.997 min  
Delta R.T.: -0.041 min  
Response: 36614106  
Conc: 4.14 ng/ml



#8 Heptachlor epoxide

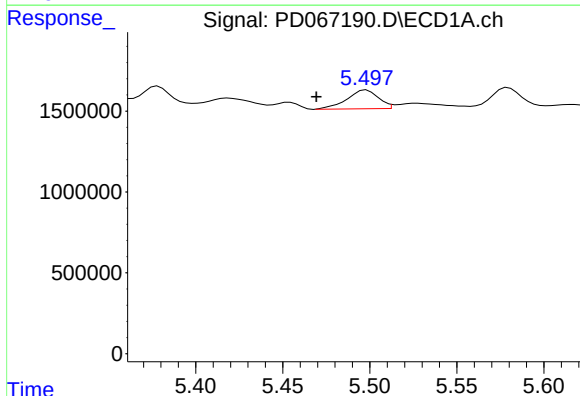
R.T.: 5.196 min  
Delta R.T.: 0.063 min  
Response: 2209757  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



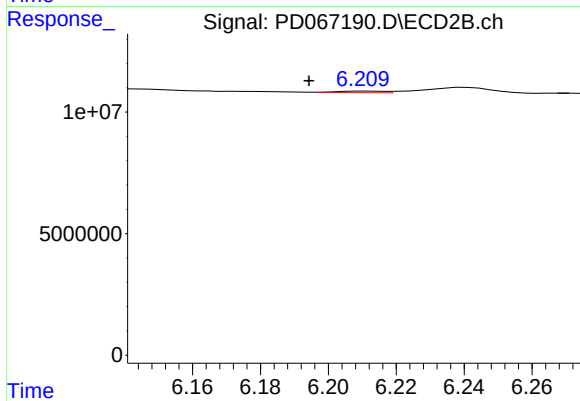
#8 Heptachlor epoxide

R.T.: 5.864 min  
Delta R.T.: 0.026 min  
Response: 4786382  
Conc: 0.68 ng/ml



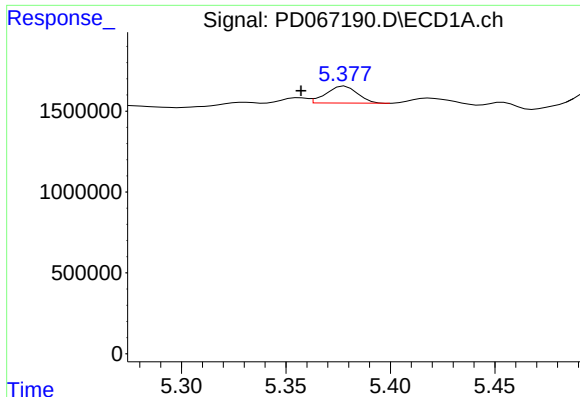
#9 Endosulfan I

R.T.: 5.498 min  
Delta R.T.: 0.029 min  
Response: 1443305  
Conc: 0.54 ng/ml



#9 Endosulfan I

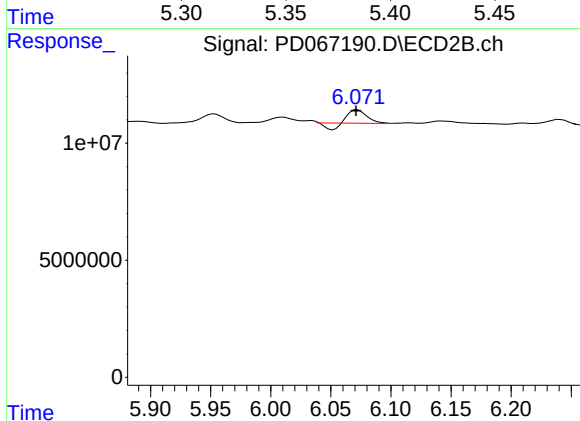
R.T.: 6.211 min  
Delta R.T.: 0.017 min  
Response: 623442  
Conc: N.D.



#10 trans-Chlordane

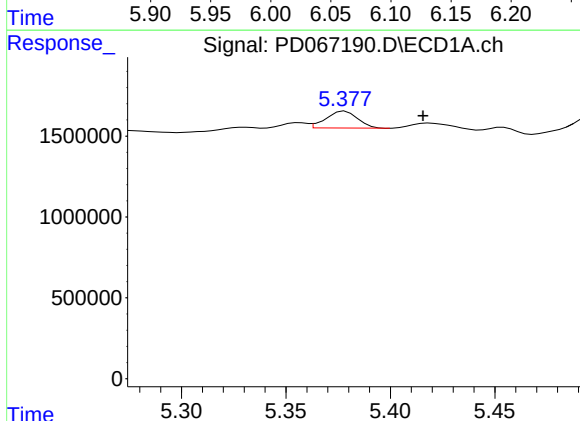
R.T.: 5.378 min  
Delta R.T.: 0.021 min  
Response: 1104277  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



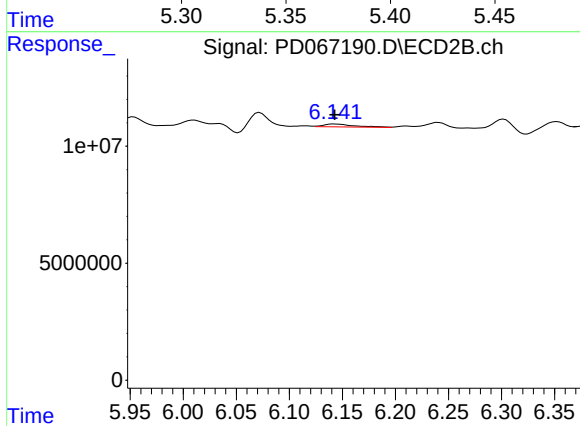
#10 trans-Chlordane

R.T.: 6.072 min  
Delta R.T.: 0.001 min  
Response: 4842136  
Conc: 0.64 ng/ml



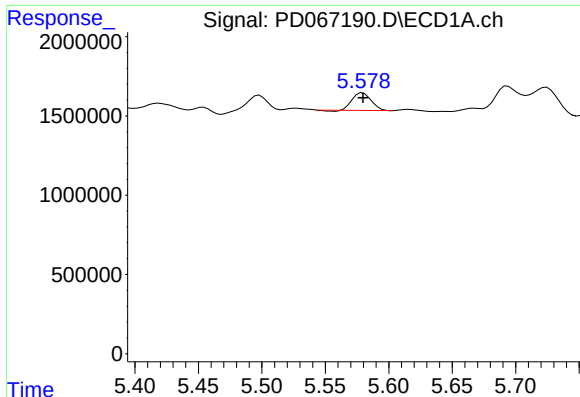
#11 cis-Chlordane

R.T.: 5.378 min  
Delta R.T.: -0.037 min  
Response: 1104277  
Conc: 0.40 ng/ml



#11 cis-Chlordane

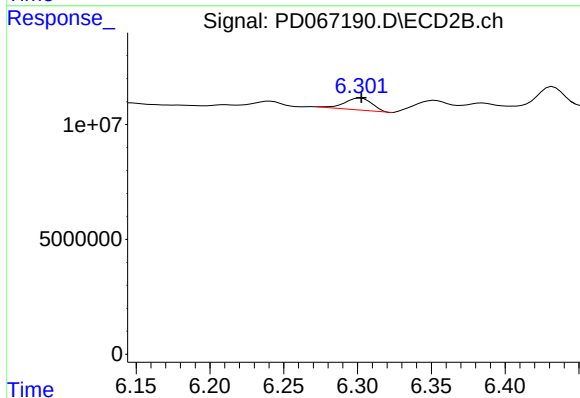
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 2528160  
Conc: 0.34 ng/ml



#12 4,4'-DDE

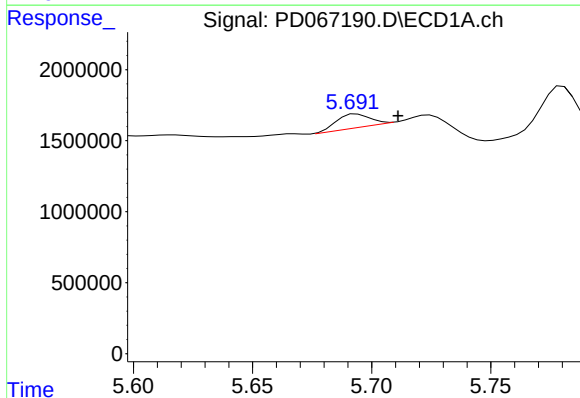
R.T.: 5.580 min  
Delta R.T.: 0.000 min  
Response: 1126772  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



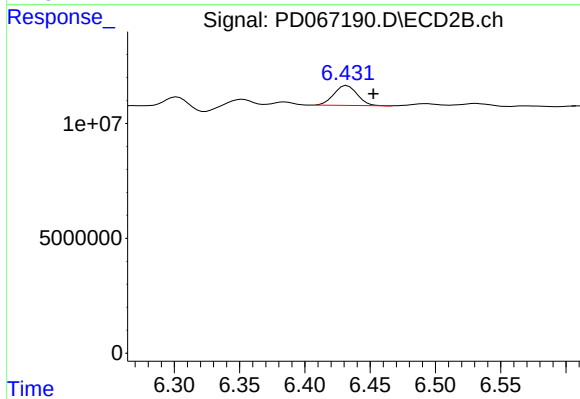
#12 4,4'-DDE

R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 6735763  
Conc: 1.01 ng/ml



#13 Dieldrin

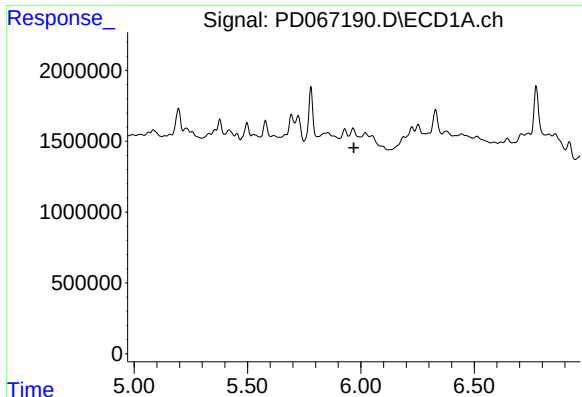
R.T.: 5.694 min  
Delta R.T.: -0.017 min  
Response: 933030  
Conc: 0.32 ng/ml



#13 Dieldrin

R.T.: 6.432 min  
Delta R.T.: -0.020 min  
Response: 10717717  
Conc: 1.44 ng/ml

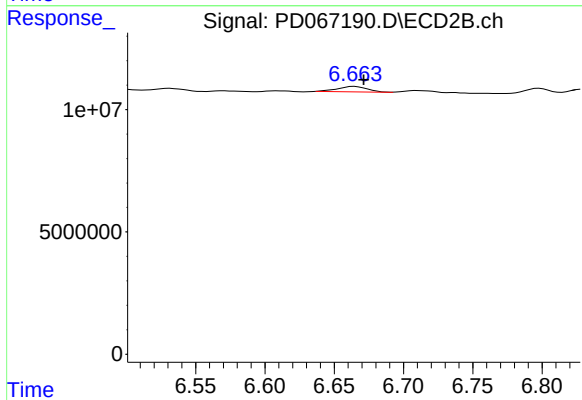




#14 Endrin

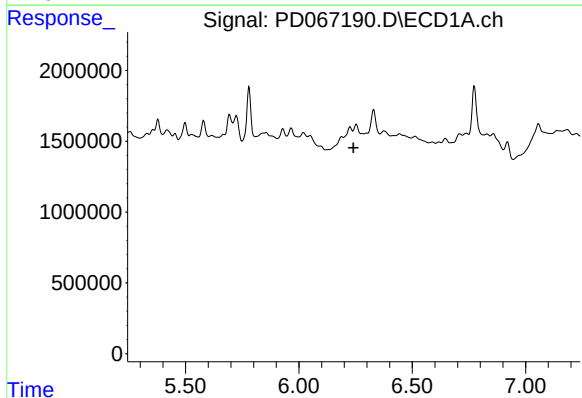
R.T.: 0.000 min  
Exp R.T.: 5.969 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



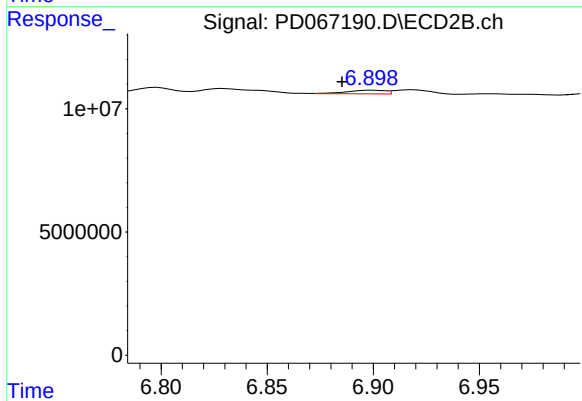
#14 Endrin

R.T.: 6.665 min  
Delta R.T.: -0.007 min  
Response: 3354516  
Conc: 0.58 ng/ml



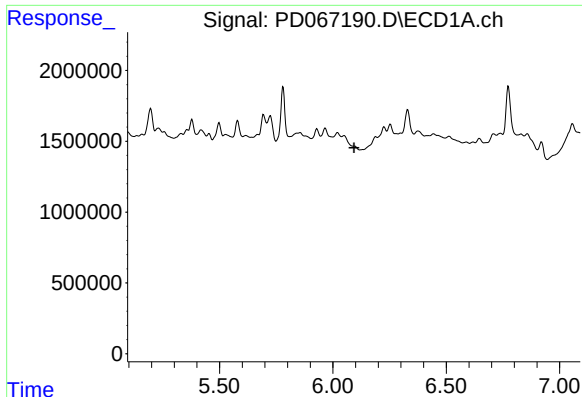
#15 Endosulfan II

R.T.: 6.189 min  
Delta R.T.: -0.052 min  
Response: -343584  
Conc: N.D.



#15 Endosulfan II

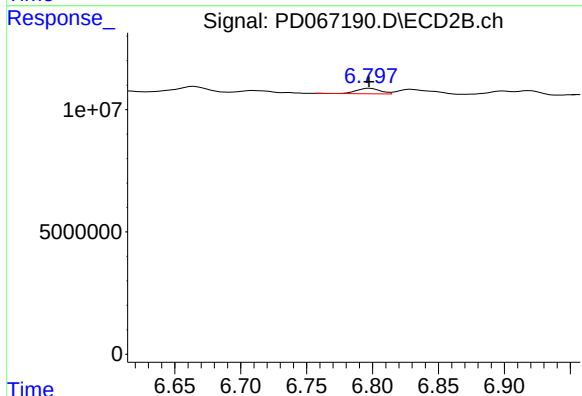
R.T.: 6.899 min  
Delta R.T.: 0.014 min  
Response: 1849624  
Conc: 0.30 ng/ml



#16 4,4'-DDD

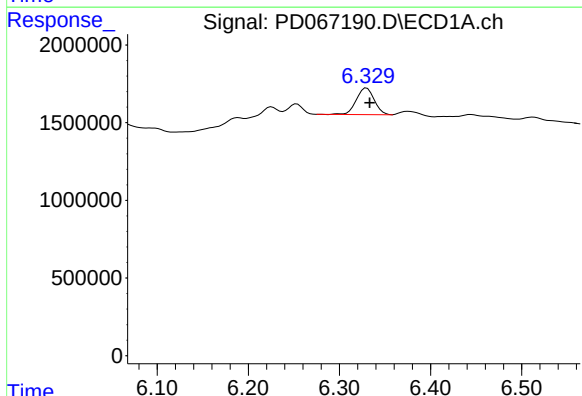
R.T.: 0.000 min  
Exp R.T.: 6.094 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



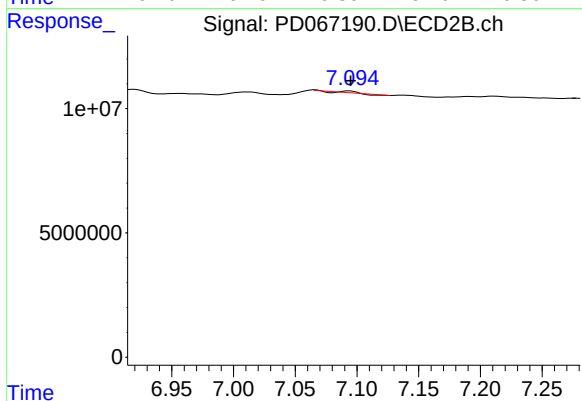
#16 4,4'-DDD

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 2741065  
Conc: 0.47 ng/ml



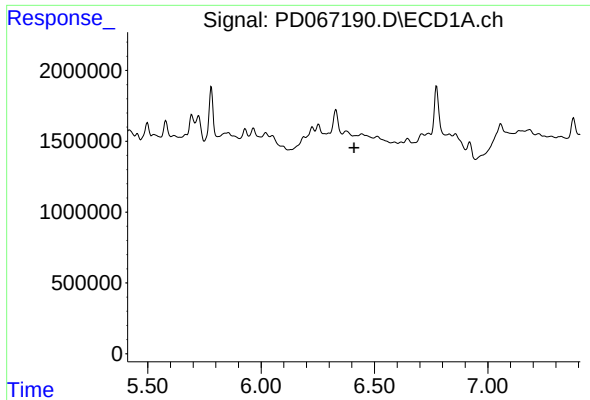
#17 4,4'-DDT

R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 2337272  
Conc: 1.10 ng/ml



#17 4,4'-DDT

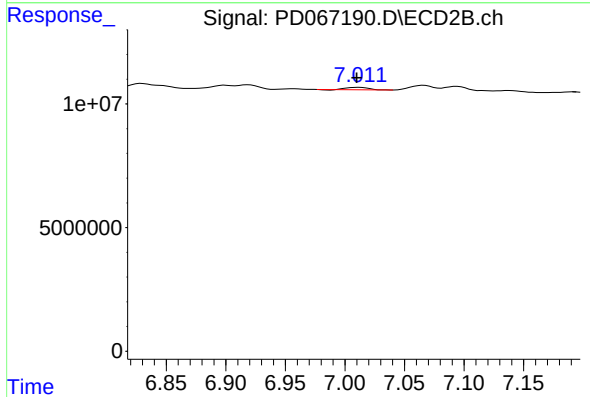
R.T.: 7.094 min  
Delta R.T.: -0.001 min  
Response: 212023  
Conc: N.D.



#18 Endrin aldehyde

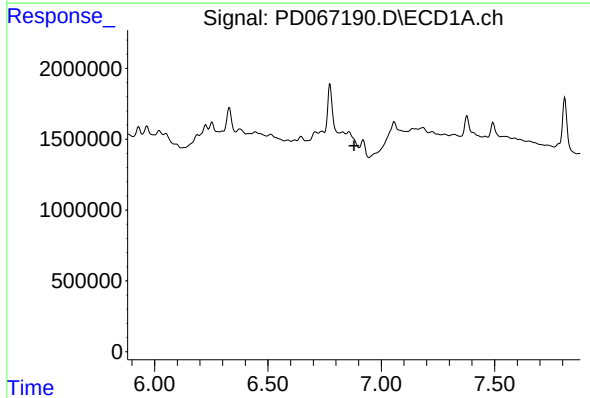
R.T.: 0.000 min  
Exp R.T.: 6.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



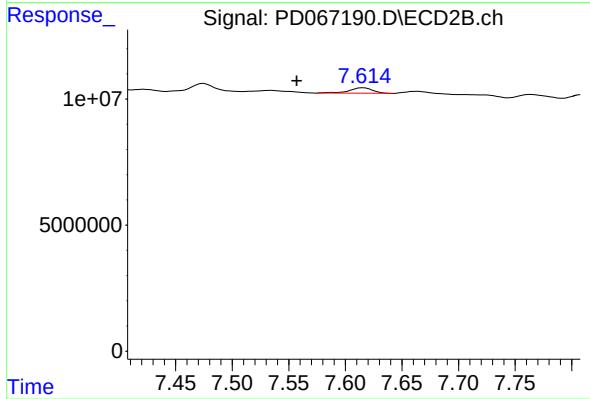
#18 Endrin aldehyde

R.T.: 7.012 min  
Delta R.T.: 0.002 min  
Response: 1226311  
Conc: 0.26 ng/ml



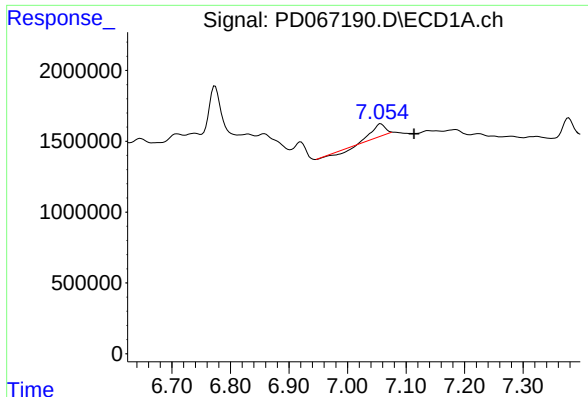
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

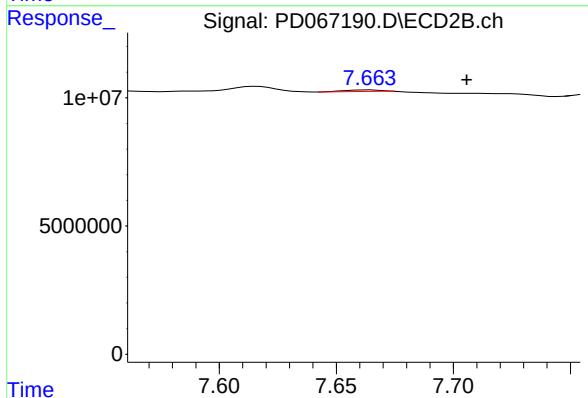
R.T.: 7.616 min  
Delta R.T.: 0.059 min  
Response: 3132506  
Conc: 1.13 ng/ml



#21 Endrin ketone

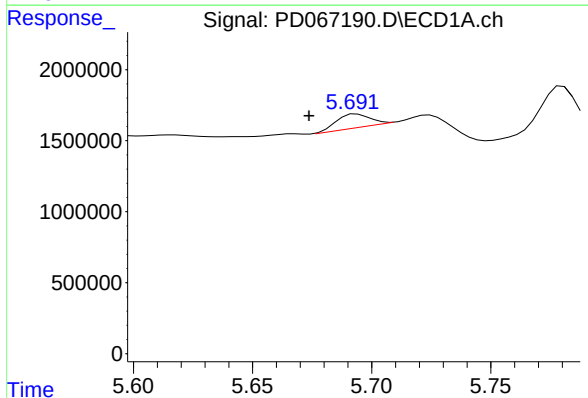
R.T.: 7.057 min  
Delta R.T.: -0.057 min  
Response: 1213209  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



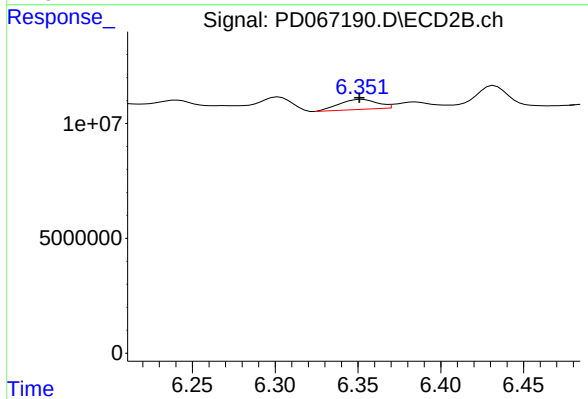
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.042 min  
Response: 610579  
Conc: N.D.



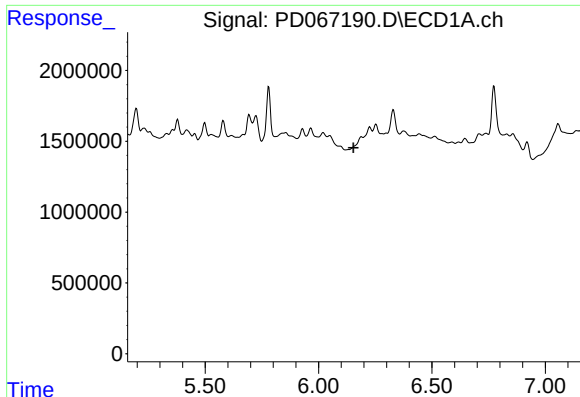
#22 Toxaphene-1

R.T.: 5.694 min  
Delta R.T.: 0.020 min  
Response: 933030  
Conc: 55.36 ng/ml



#22 Toxaphene-1

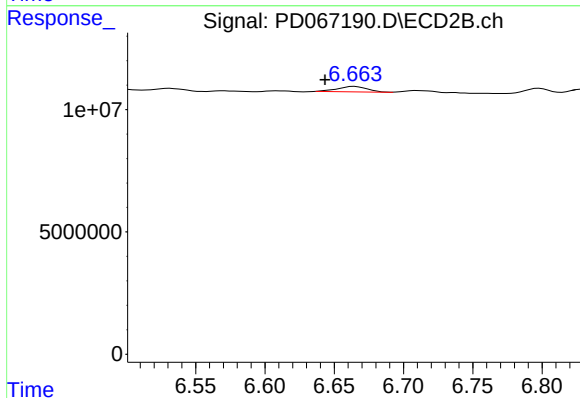
R.T.: 6.353 min  
Delta R.T.: 0.002 min  
Response: 6894791  
Conc: 209.68 ng/ml



#23 Toxaphene-2

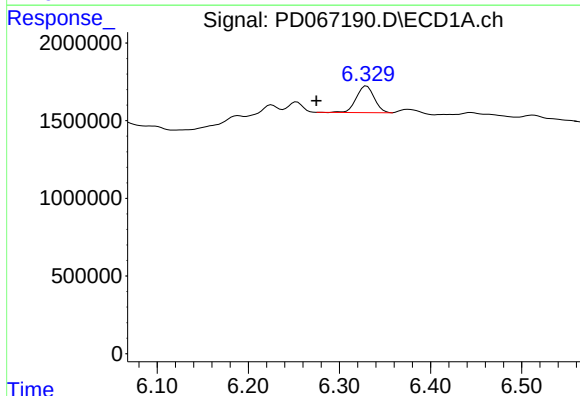
R.T.: 6.189 min  
Delta R.T.: 0.034 min  
Response: -343584  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



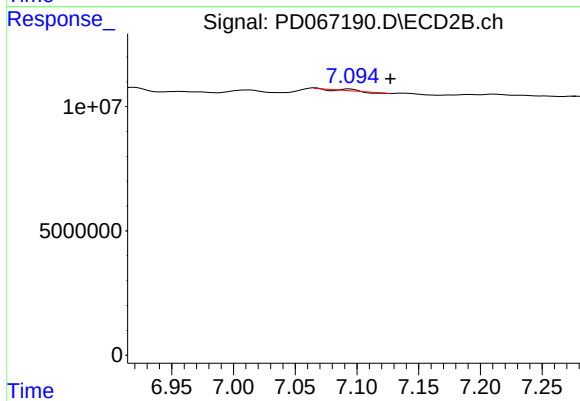
#23 Toxaphene-2

R.T.: 6.665 min  
Delta R.T.: 0.021 min  
Response: 3354516  
Conc: 93.56 ng/ml



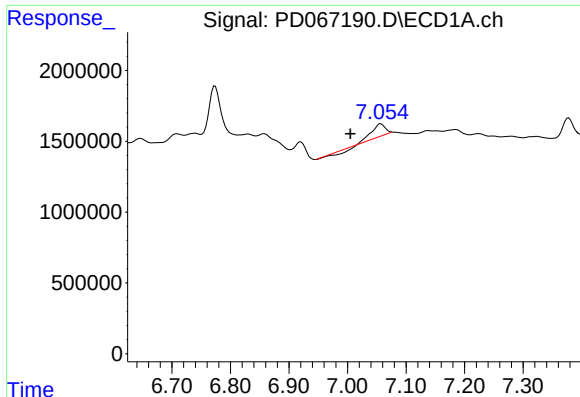
#24 Toxaphene-3

R.T.: 6.330 min  
Delta R.T.: 0.055 min  
Response: 2337272  
Conc: 59.86 ng/ml



#24 Toxaphene-3

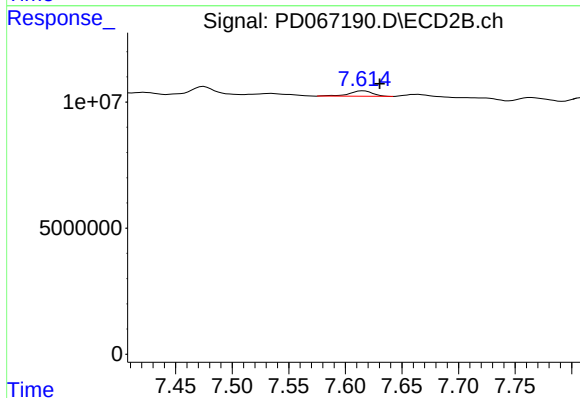
R.T.: 7.094 min  
Delta R.T.: -0.033 min  
Response: 212023  
Conc: 2.20 ng/ml



#26 Toxaphene-5

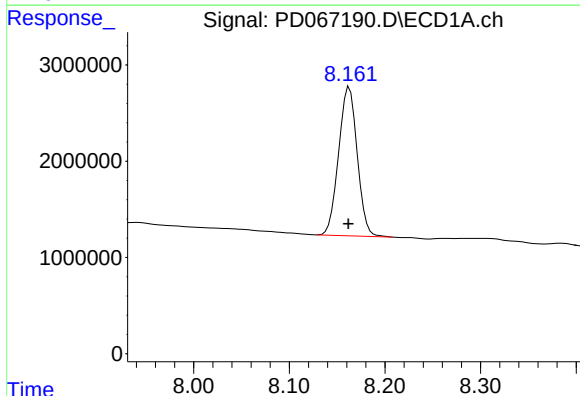
R.T.: 7.057 min  
Delta R.T.: 0.052 min  
Response: 1213209  
Conc: 30.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



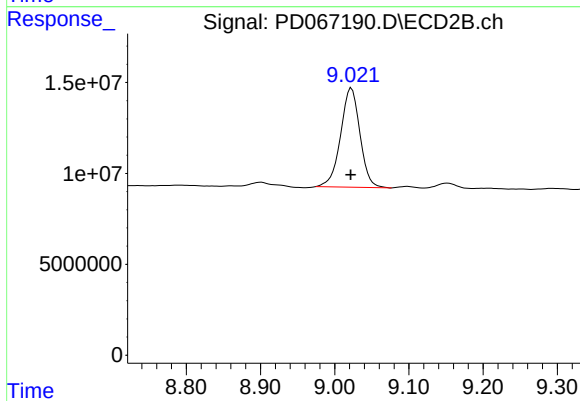
#26 Toxaphene-5

R.T.: 7.616 min  
Delta R.T.: -0.015 min  
Response: 3132506  
Conc: 41.84 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 20923324  
Conc: 18.43 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.023 min  
Delta R.T.: 0.001 min  
Response: 99051969  
Conc: 19.53 ng/ml