

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090223\  
 Data File : PD077544.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2023 23:28  
 Operator : AR\AJ  
 Sample : 04227-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 01:01:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081423CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 15 01:53:32 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

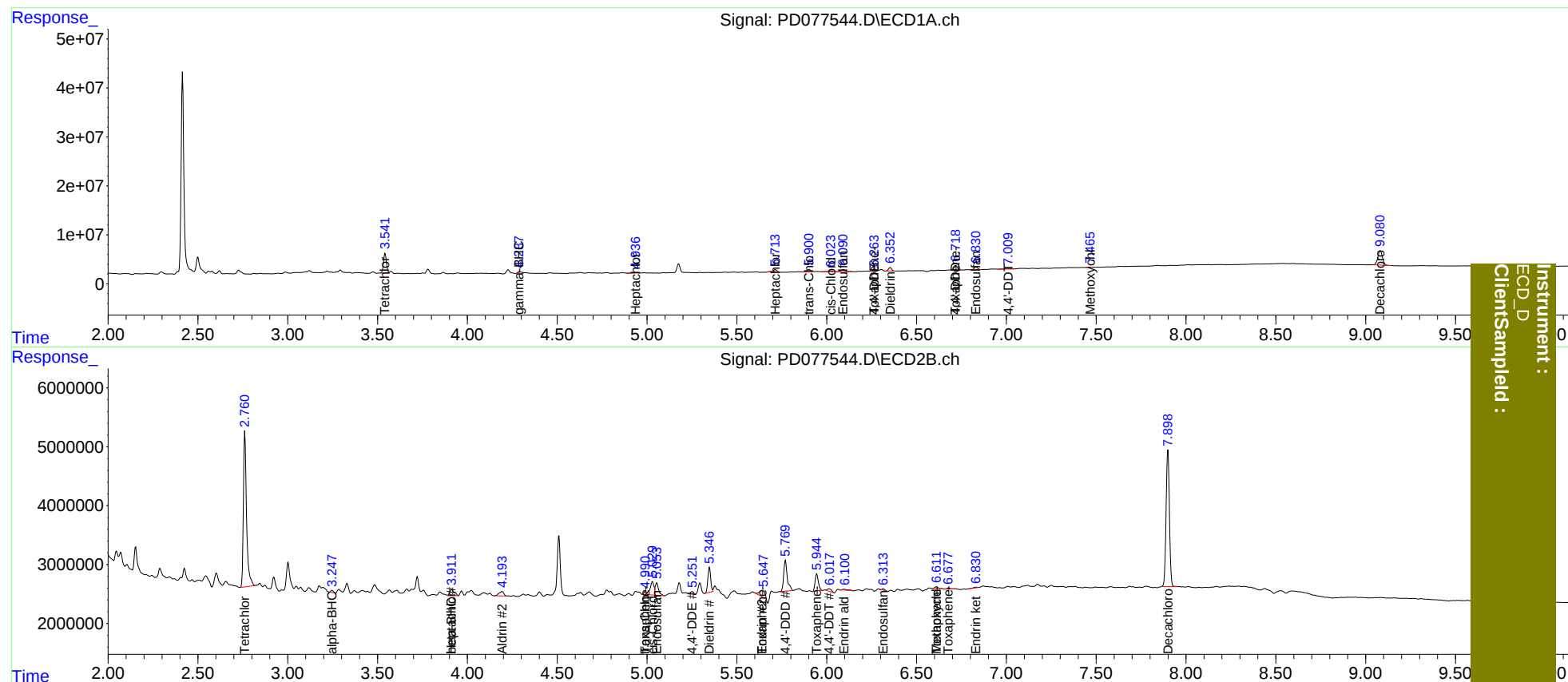
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.542  | 2.762  | 46088906 | 32201116 | 20.993  | 25.849    |
| 27)                         | SA Decachlor... | 9.081  | 7.900  | 52735614 | 30003022 | 20.724  | 24.069    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.247  | 0        | 377072   | N.D.    | 0.205     |
| 3)                          | MA gamma-BHC... | 4.290f | 3.609  | 1070301  | 54497    | 0.314   | <MDL #    |
| 4)                          | MA Heptachlor   | 4.937  | 3.913  | 1601795  | 1926171  | 0.458   | 1.118 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.194  | 0        | 1371873  | N.D.    | 0.793     |
| 6)                          | B beta-BHC      | 0.000  | 3.913  | 0        | 1926171  | N.D.    | 2.359     |
| 7)                          | B delta-BHC     | 0.000  | 4.126  | 0        | 122020   | N.D.    | <MDL      |
| 8)                          | B Heptachlo...  | 5.715  | 4.748  | 2536105  | 127092   | 0.795   | <MDL #    |
| 9)                          | A Endosulfan I  | 6.092  | 5.055  | 6736412  | 2787331  | 2.383   | 1.978     |
| 10)                         | B trans-Chl...  | 5.902f | 4.991  | 7730685  | 463592   | 2.503   | 0.300 #   |
| 11)                         | B cis-Chlor...  | 6.024  | 5.030  | 2723813  | 3380549  | 0.851   | 2.099 #   |
| 12)                         | B 4,4'-DDE      | 6.265f | 5.252  | 982818   | 445956   | 0.343   | 0.328     |
| 13)                         | MA Dieldrin     | 6.354  | 5.348  | 8717967  | 4637675  | 2.797   | 2.924     |
| 14)                         | MA Endrin       | 6.584  | 5.640  | -7425    | 2249576  | N.D.    | 1.621     |
| 15)                         | B Endosulfa...  | 6.832  | 5.905  | 7017832  | 103480   | 2.483   | <MDL #    |
| 16)                         | A 4,4'-DDD      | 6.719  | 5.771  | 11653775 | 7314886  | 5.362   | 7.356 #   |
| 17)                         | MA 4,4'-DDT     | 7.010  | 6.014  | 2135255  | 693773   | 0.968   | 0.670 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.097  | 0        | 311276   | N.D.    | 0.287     |
| 19)                         | B Endosulfa...  | 0.000  | 6.315  | 0        | 224126   | N.D.    | 0.179     |
| 20)                         | A Methoxychlor  | 7.465f | 6.612  | 484025   | 322335   | 0.376   | 0.571 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.833  | 0        | 170185   | N.D.    | 0.116     |
| 22)                         | Toxaphene-1     | 6.265  | 4.991  | 982818   | 463592   | 44.013  | 54.048    |
| 23)                         | Toxaphene-2     | 0.000  | 5.640  | 0        | 2249576  | N.D.    | 257.142   |
| 24)                         | Toxaphene-3     | 6.719f | 5.945  | 11653775 | 3558624  | 608.418 | 342.838 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.612  | 0        | 322335   | N.D.    | 11.240    |
| 26)                         | Toxaphene-5     | 0.000  | 6.679f | 0        | 227335   | N.D.    | 5.449     |
| -----                       |                 |        |        |          |          |         |           |

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

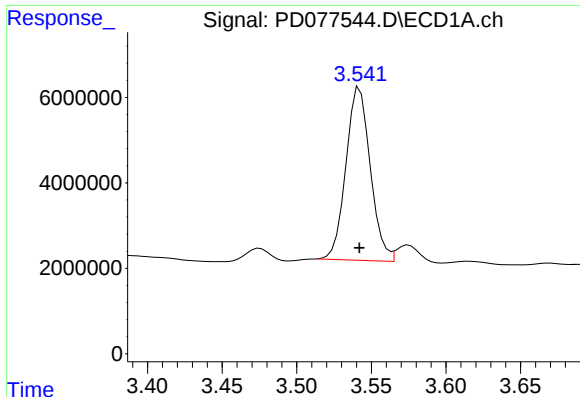
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090223\  
Data File : PD077544.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2023 23:28  
Operator : AR\AJ  
Sample : 04227-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 01:01:07 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081423CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 15 01:53:32 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



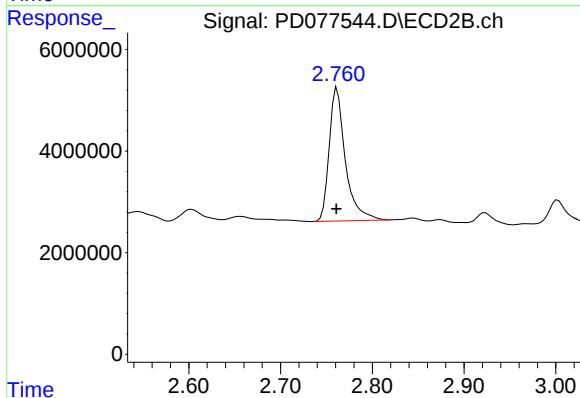
Instrument :  
ECD\_D  
ClientSampled :  
0



#1 Tetrachloro-m-xylene

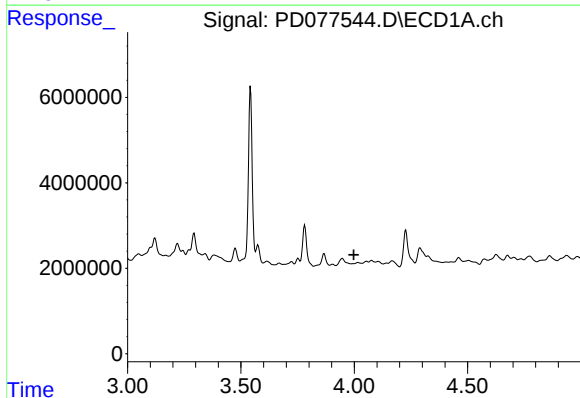
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 46088906  
Conc: 20.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



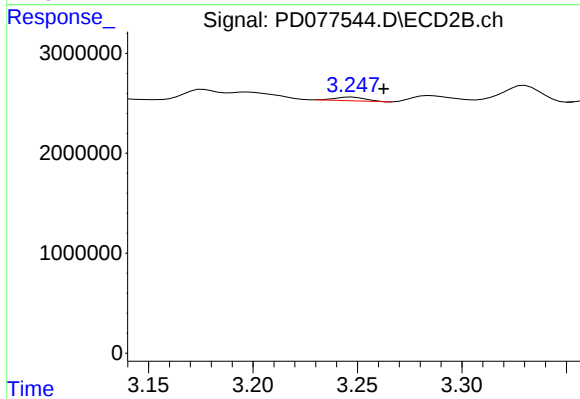
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 32201116  
Conc: 25.85 ng/ml



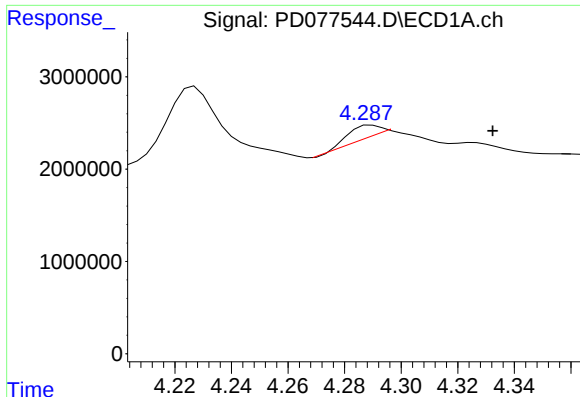
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.998 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

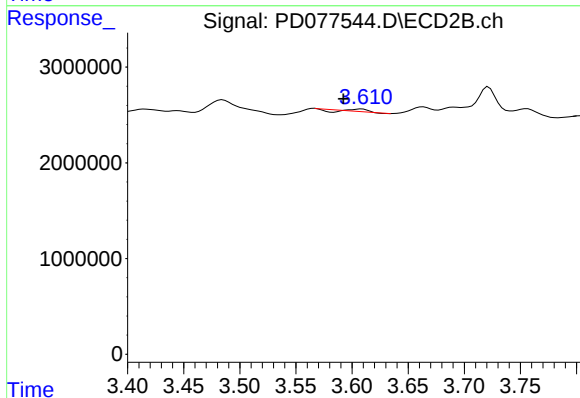
R.T.: 3.247 min  
Delta R.T.: -0.015 min  
Response: 377072  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

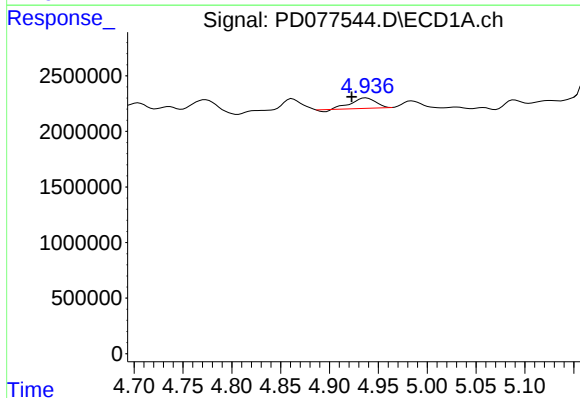
R.T.: 4.290 min  
Delta R.T.: -0.043 min  
Response: 1070301  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



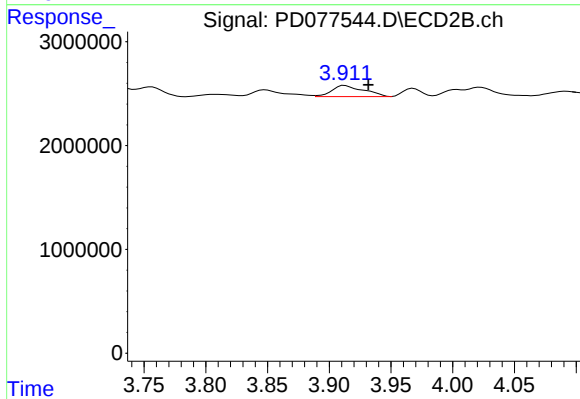
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.016 min  
Response: 54497  
Conc: N.D.



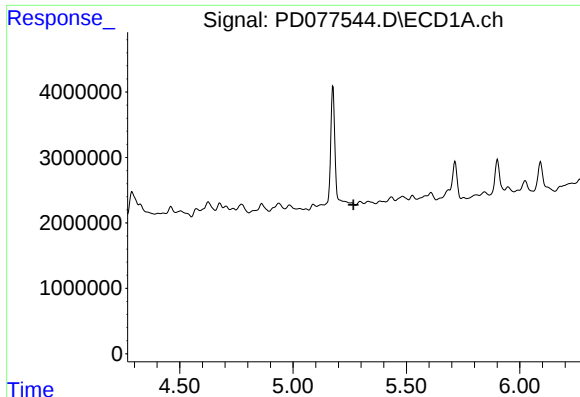
#4 Heptachlor

R.T.: 4.937 min  
Delta R.T.: 0.015 min  
Response: 1601795  
Conc: 0.46 ng/ml



#4 Heptachlor

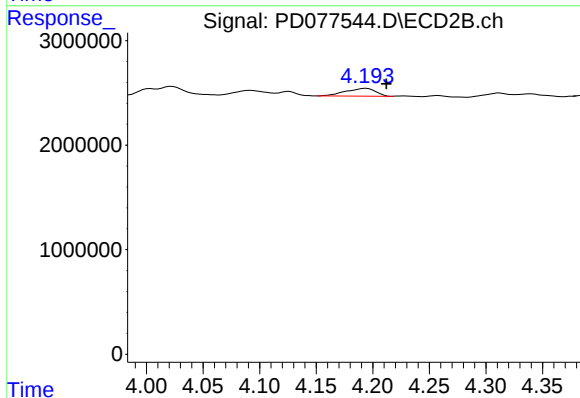
R.T.: 3.913 min  
Delta R.T.: -0.019 min  
Response: 1926171  
Conc: 1.12 ng/ml



#5 Aldrin

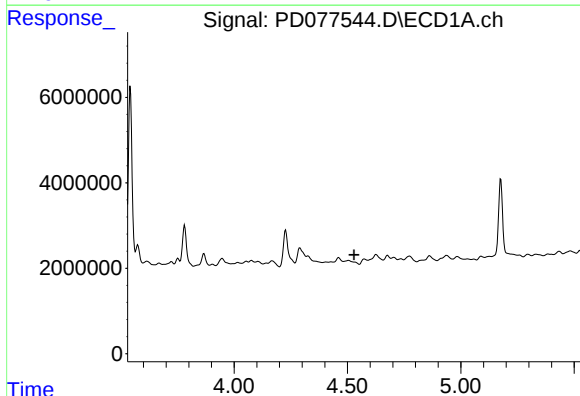
R.T.: 0.000 min  
Exp R.T.: 5.267 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



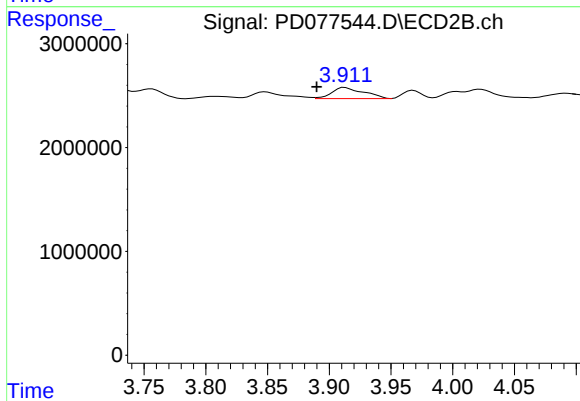
#5 Aldrin

R.T.: 4.194 min  
Delta R.T.: -0.018 min  
Response: 1371873  
Conc: 0.79 ng/ml



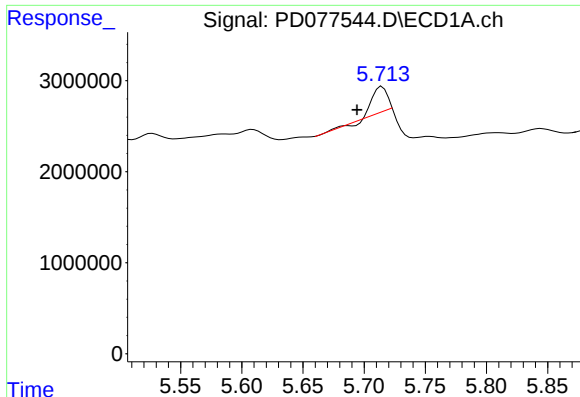
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.530 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

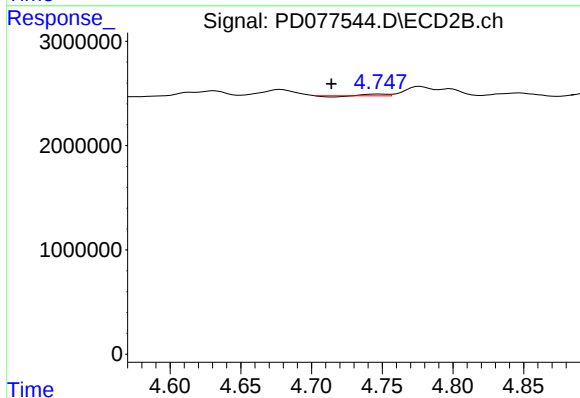
R.T.: 3.913 min  
Delta R.T.: 0.023 min  
Response: 1926171  
Conc: 2.36 ng/ml



#8 Heptachlor epoxide

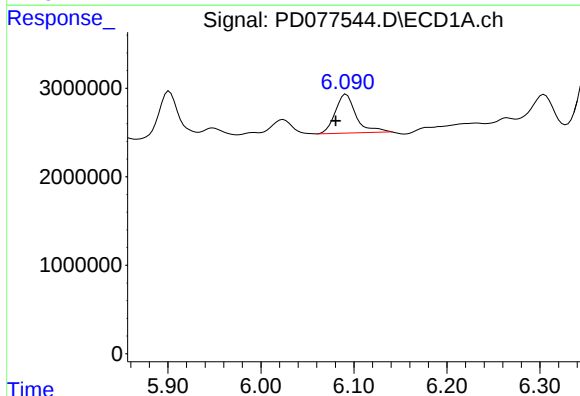
R.T.: 5.715 min  
Delta R.T.: 0.021 min  
Response: 2536105  
Conc: 0.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



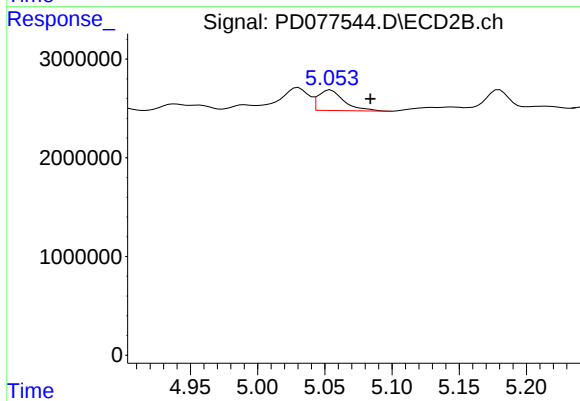
#8 Heptachlor epoxide

R.T.: 4.748 min  
Delta R.T.: 0.034 min  
Response: 127092  
Conc: N.D.



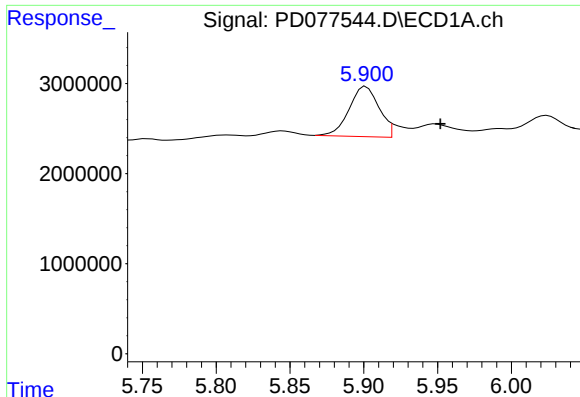
#9 Endosulfan I

R.T.: 6.092 min  
Delta R.T.: 0.011 min  
Response: 6736412  
Conc: 2.38 ng/ml



#9 Endosulfan I

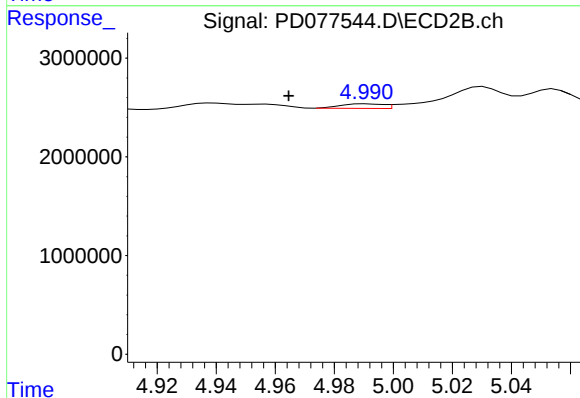
R.T.: 5.055 min  
Delta R.T.: -0.029 min  
Response: 2787331  
Conc: 1.98 ng/ml



#10 trans-Chlordane

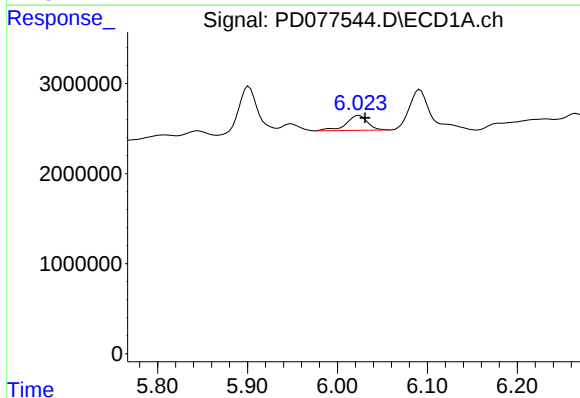
R.T.: 5.902 min  
Delta R.T.: -0.050 min  
Response: 7730685  
Conc: 2.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



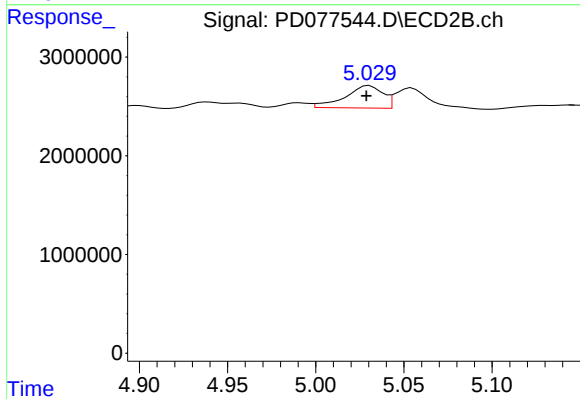
#10 trans-Chlordane

R.T.: 4.991 min  
Delta R.T.: 0.026 min  
Response: 463592  
Conc: 0.30 ng/ml



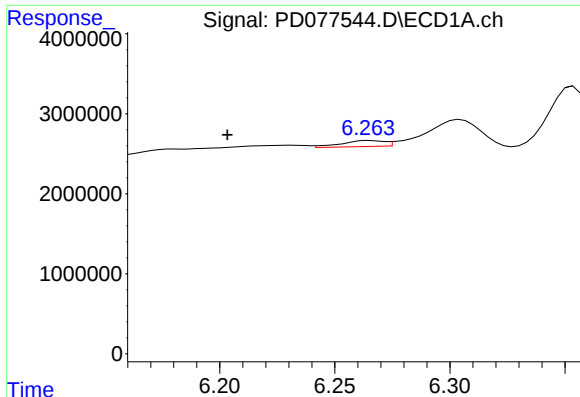
#11 cis-Chlordane

R.T.: 6.024 min  
Delta R.T.: -0.007 min  
Response: 2723813  
Conc: 0.85 ng/ml



#11 cis-Chlordane

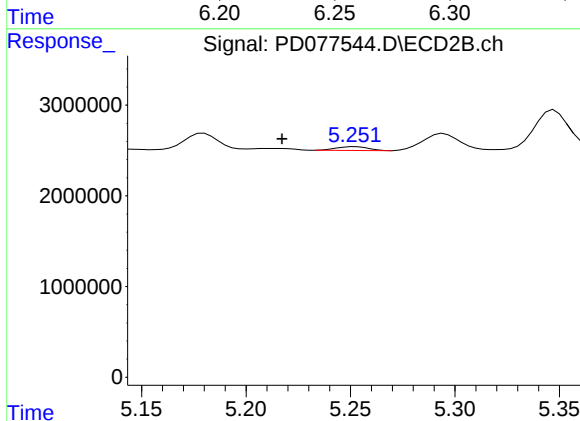
R.T.: 5.030 min  
Delta R.T.: 0.002 min  
Response: 3380549  
Conc: 2.10 ng/ml



#12 4,4'-DDE

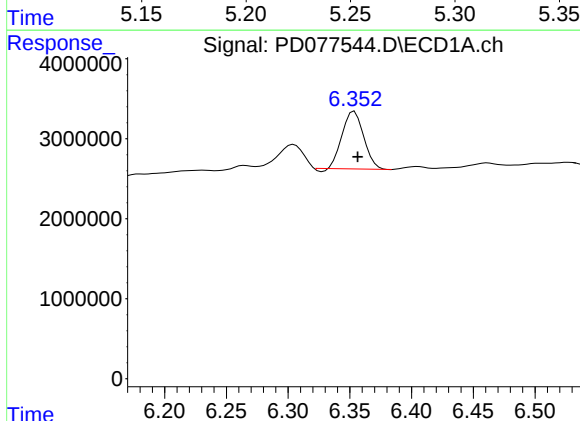
R.T.: 6.265 min  
Delta R.T.: 0.062 min  
Response: 982818  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



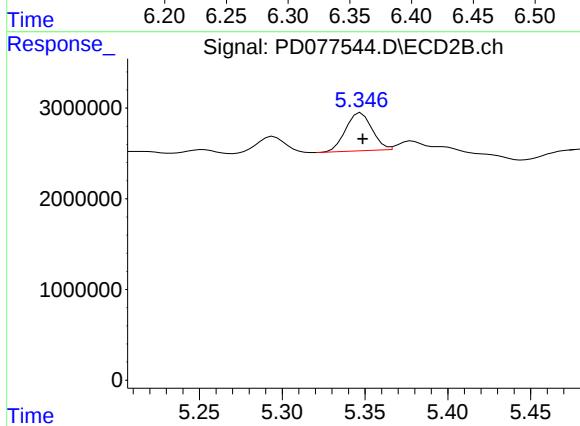
#12 4,4'-DDE

R.T.: 5.252 min  
Delta R.T.: 0.035 min  
Response: 445956  
Conc: 0.33 ng/ml



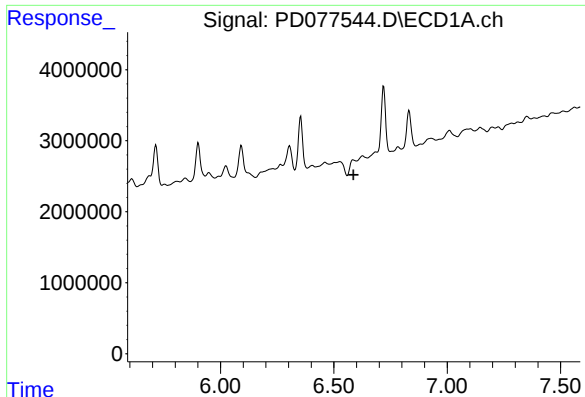
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.003 min  
Response: 8717967  
Conc: 2.80 ng/ml



#13 Dieldrin

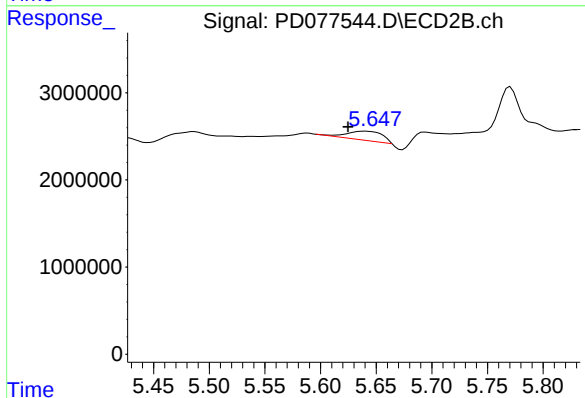
R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 4637675  
Conc: 2.92 ng/ml



#14 Endrin

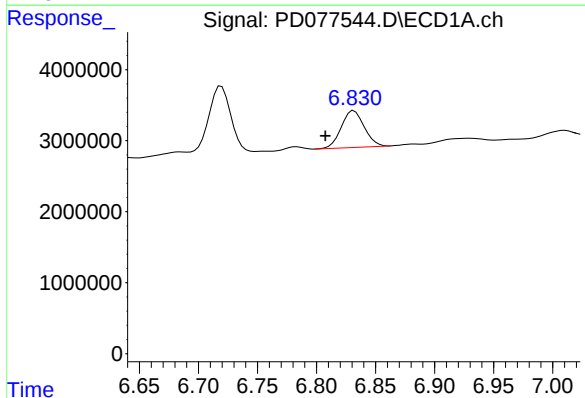
R.T.: 6.584 min  
Delta R.T.: -0.002 min  
Response: -7425  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



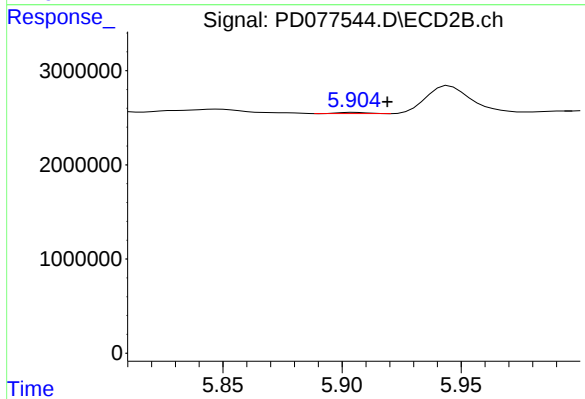
#14 Endrin

R.T.: 5.640 min  
Delta R.T.: 0.016 min  
Response: 2249576  
Conc: 1.62 ng/ml



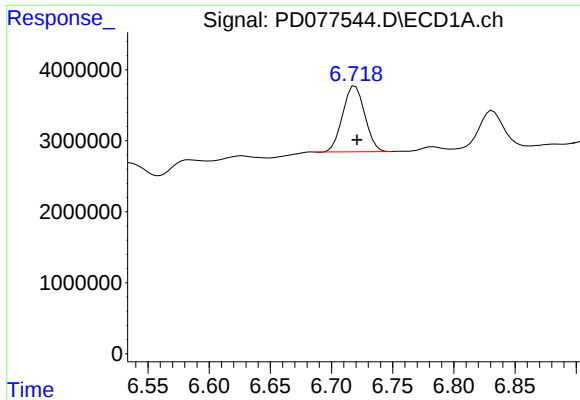
#15 Endosulfan II

R.T.: 6.832 min  
Delta R.T.: 0.024 min  
Response: 7017832  
Conc: 2.48 ng/ml



#15 Endosulfan II

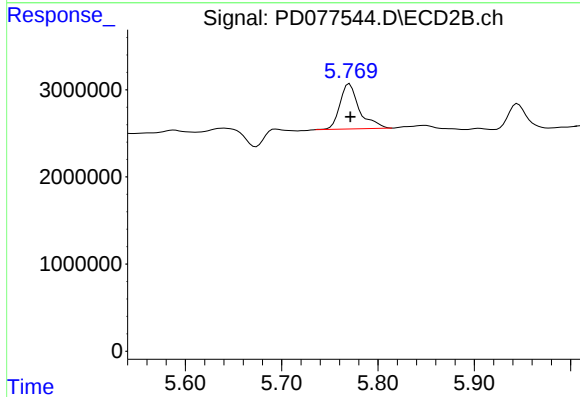
R.T.: 5.905 min  
Delta R.T.: -0.014 min  
Response: 103480  
Conc: N.D.



#16 4,4'-DDD

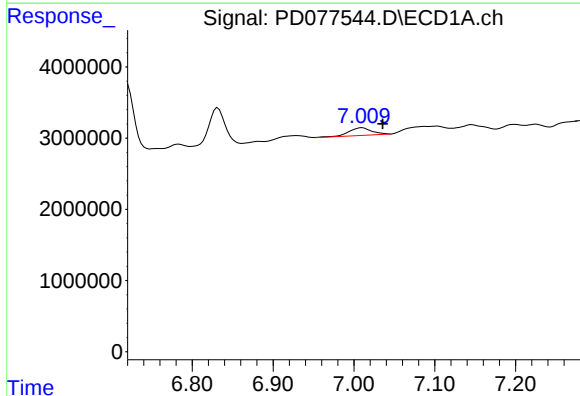
R.T.: 6.719 min  
Delta R.T.: -0.002 min  
Response: 11653775  
Conc: 5.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



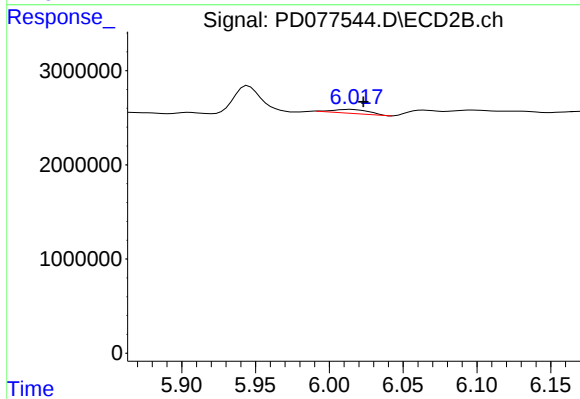
#16 4,4'-DDD

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 7314886  
Conc: 7.36 ng/ml



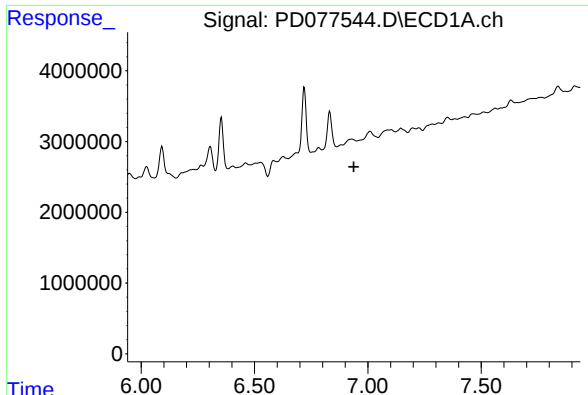
#17 4,4'-DDT

R.T.: 7.010 min  
Delta R.T.: -0.026 min  
Response: 2135255  
Conc: 0.97 ng/ml



#17 4,4'-DDT

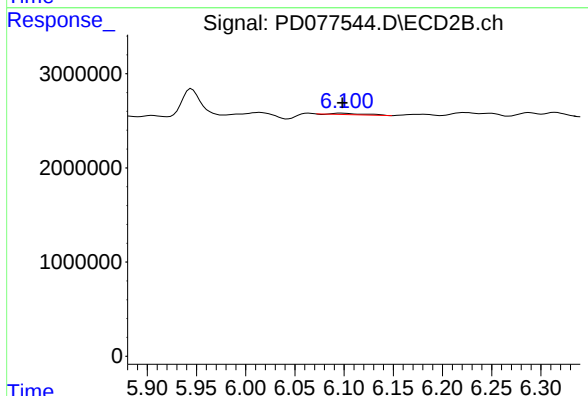
R.T.: 6.014 min  
Delta R.T.: -0.009 min  
Response: 693773  
Conc: 0.67 ng/ml



#18 Endrin aldehyde

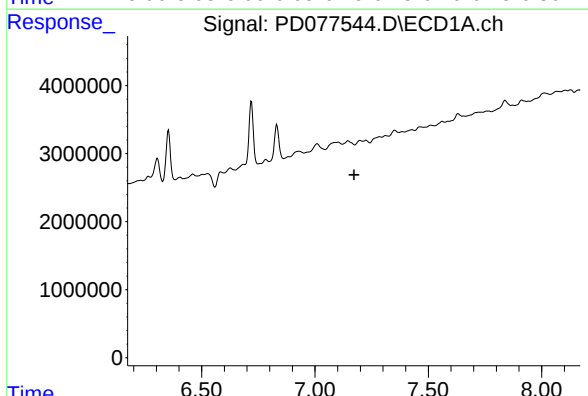
R.T.: 0.000 min  
Exp R.T.: 6.938 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



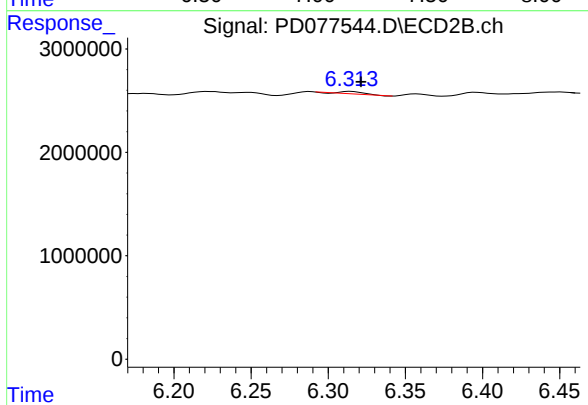
#18 Endrin aldehyde

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 311276  
Conc: 0.29 ng/ml



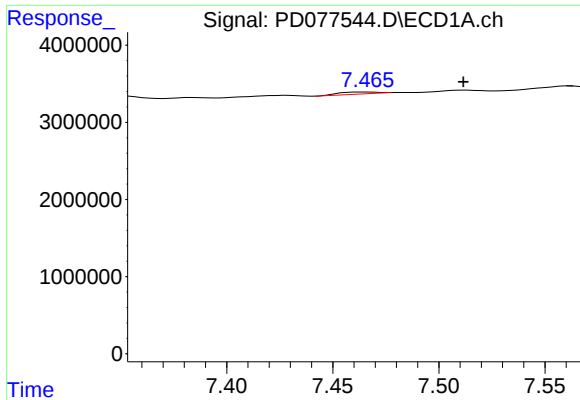
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

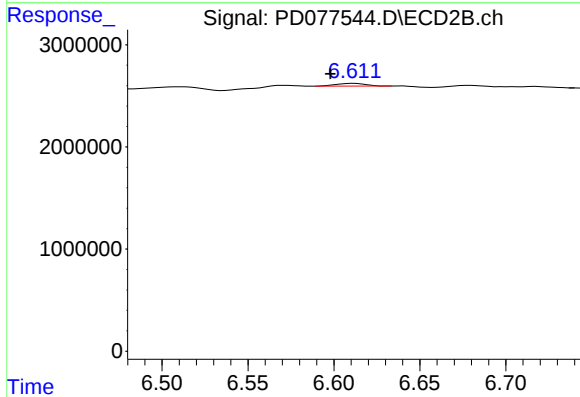
R.T.: 6.315 min  
Delta R.T.: -0.007 min  
Response: 224126  
Conc: 0.18 ng/ml



#20 Methoxychlor

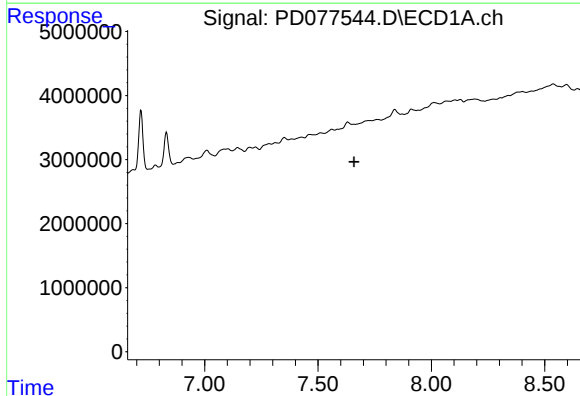
R.T.: 7.465 min  
Delta R.T.: -0.046 min  
Response: 484025  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



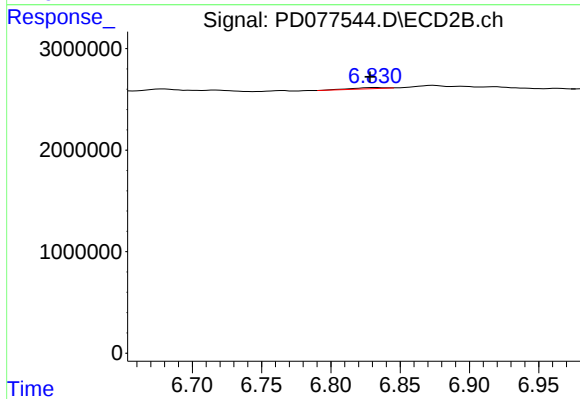
#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: 0.014 min  
Response: 322335  
Conc: 0.57 ng/ml



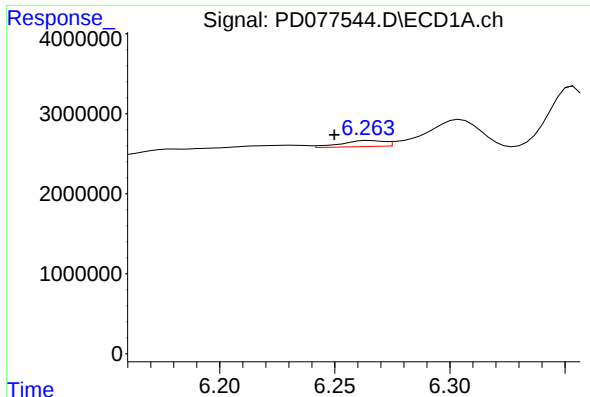
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.660 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

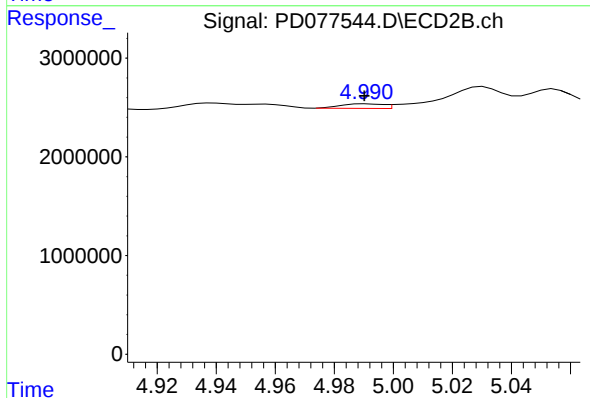
R.T.: 6.833 min  
Delta R.T.: 0.004 min  
Response: 170185  
Conc: 0.12 ng/ml



#22 Toxaphene-1

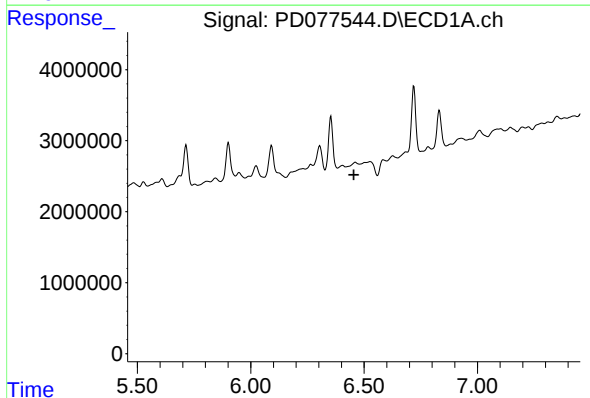
R.T.: 6.265 min  
Delta R.T.: 0.015 min  
Response: 982818  
Conc: 44.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



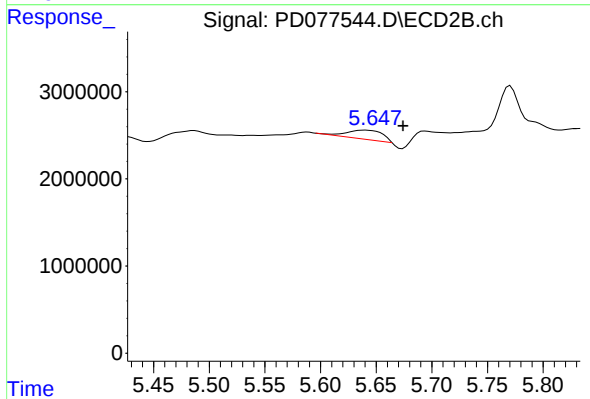
#22 Toxaphene-1

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 463592  
Conc: 54.05 ng/ml



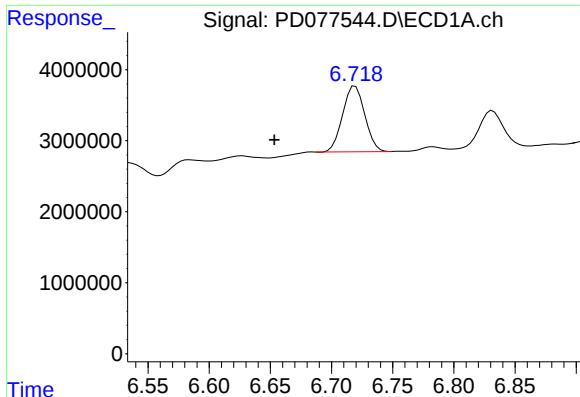
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.455 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

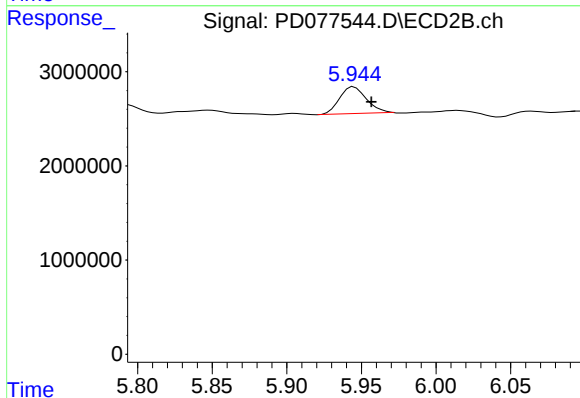
R.T.: 5.640 min  
Delta R.T.: -0.034 min  
Response: 2249576  
Conc: 257.14 ng/ml



#24 Toxaphene-3

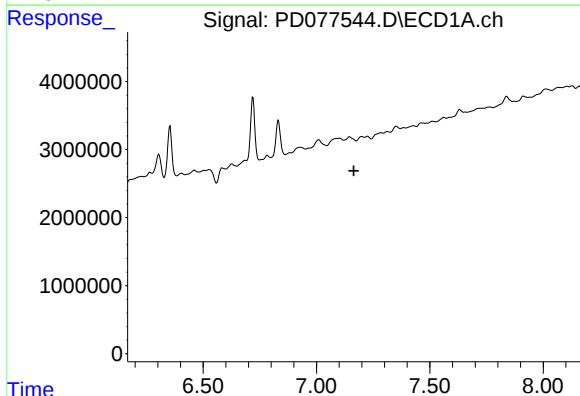
R.T.: 6.719 min  
Delta R.T.: 0.066 min  
Response: 11653775  
Conc: 608.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



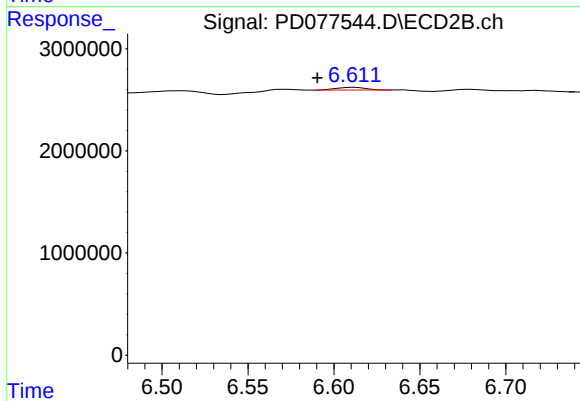
#24 Toxaphene-3

R.T.: 5.945 min  
Delta R.T.: -0.012 min  
Response: 3558624  
Conc: 342.84 ng/ml



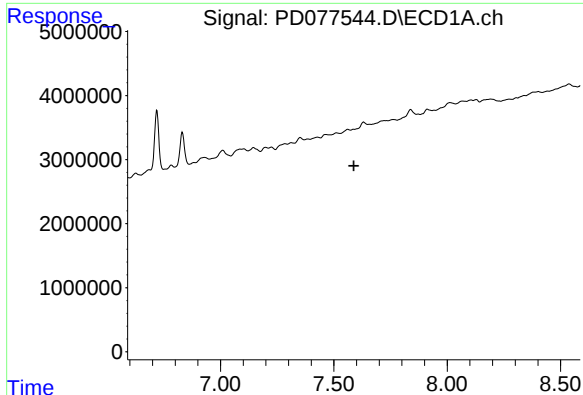
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.165 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

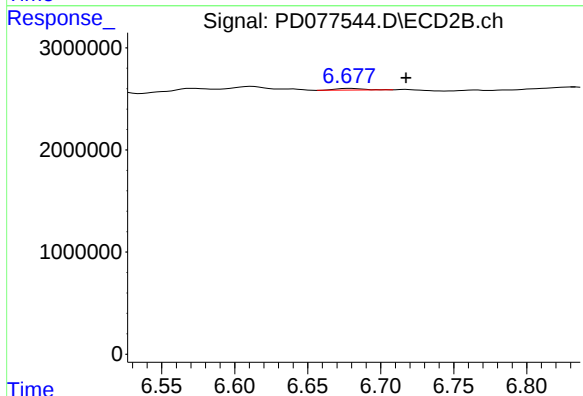
R.T.: 6.612 min  
Delta R.T.: 0.022 min  
Response: 322335  
Conc: 11.24 ng/ml



#26 Toxaphene-5

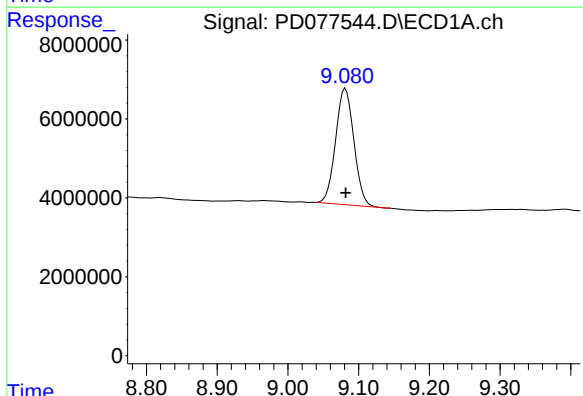
R.T.: 0.000 min  
Exp R.T.: 7.588 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



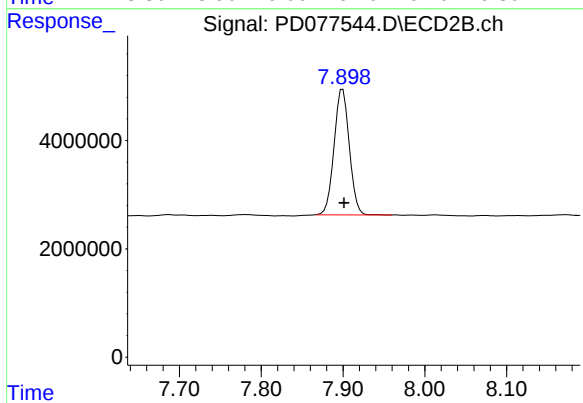
#26 Toxaphene-5

R.T.: 6.679 min  
Delta R.T.: -0.039 min  
Response: 227335  
Conc: 5.45 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: 0.000 min  
Response: 52735614  
Conc: 20.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.002 min  
Response: 30003022  
Conc: 24.07 ng/ml