

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
 Data File : PD055119.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2019 01:06  
 Operator : SG\AJ  
 Sample : K5026-13  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AX8

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 04:24:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 24 07:21:19 2019  
 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

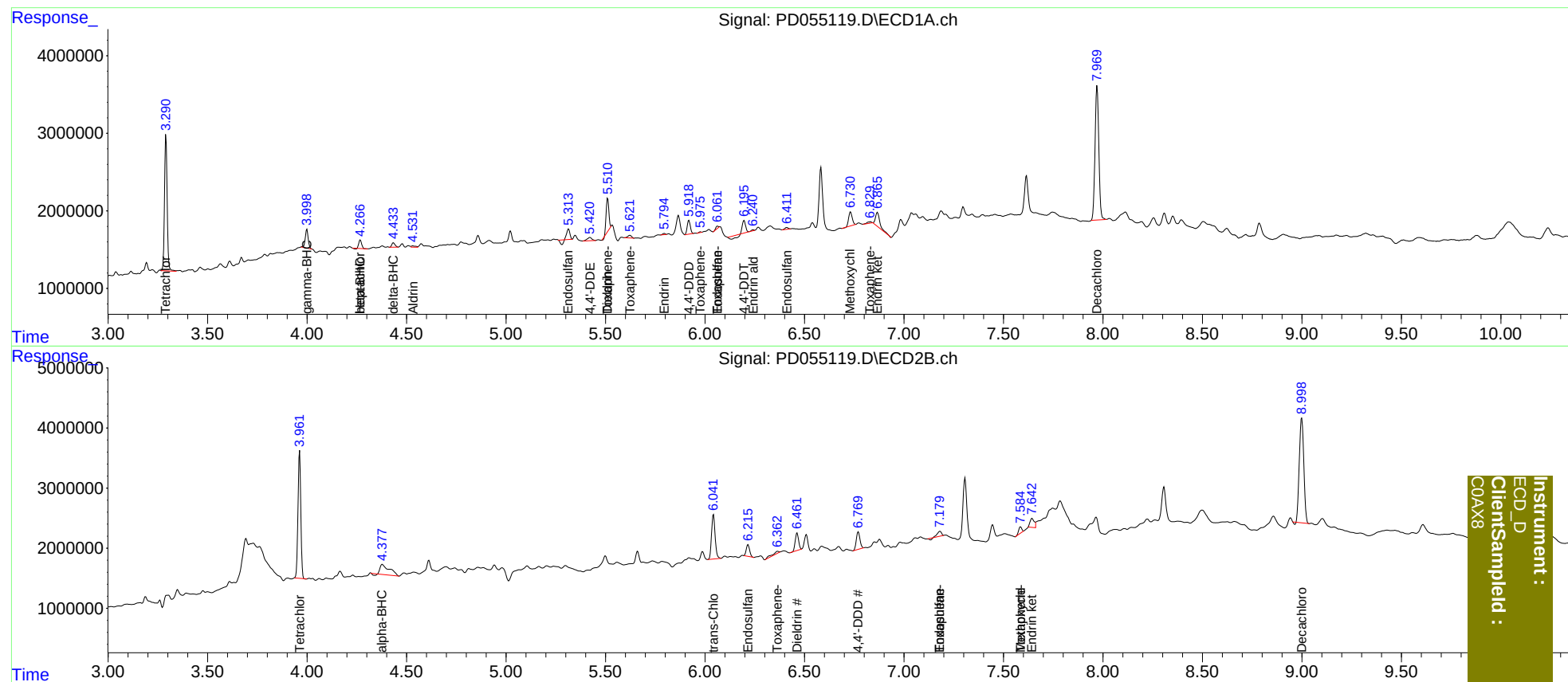
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.291  | 3.963  | 16153021 | 20891607 | 21.232  | 20.358    |
| 27)                         | SA Decachlor... | 7.970  | 8.999  | 22841235 | 27428430 | 27.109  | 23.542    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.706  | 4.378f | 90389    | 5302904  | <MDL    | 3.678 #   |
| 3)                          | MA gamma-BHC... | 3.999  | 0.000  | 2484619  | 0        | 2.317   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.268  | 0.000  | 1081057  | 0        | 1.169   | N.D. #    |
| 5)                          | MB Aldrin       | 4.532  | 0.000  | 264724   | 0        | 0.272   | N.D. #    |
| 6)                          | B beta-BHC      | 4.268  | 0.000  | 1081057  | 0        | 2.311   | N.D. #    |
| 7)                          | B delta-BHC     | 4.434  | 0.000  | 644368   | 0        | 0.602   | N.D. #    |
| 8)                          | B Heptachlo...  | 4.947  | 0.000  | 78839    | 0        | <MDL    | N.D. #    |
| 9)                          | A Endosulfan I  | 5.315  | 6.216  | 966594   | 2325201  | 1.089   | 1.843 #   |
| 10)                         | B trans-Chl...  | 5.181  | 6.042  | -13011   | 9281019  | N.D.    | 6.847     |
| 11)                         | B cis-Chlor...  | 5.240  | 0.000  | 78347    | 0        | <MDL    | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.422  | 0.000  | 674507   | 0        | 0.752   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.511  | 6.463  | 3888417  | 3344544  | 3.950   | 2.397 #   |
| 14)                         | MA Endrin       | 5.795  | 0.000  | 131660   | 0        | 0.158   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.063  | 0.000  | 221812   | 0        | 0.255   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 5.919  | 6.770  | 1952592  | 3724798  | 2.692   | 3.432 #   |
| 17)                         | MA 4,4'-DDT     | 6.196f | 0.000  | 810613   | 0        | 1.216   | N.D. #    |
| 18)                         | B Endrin al...  | 6.242  | 0.000  | 99293    | 0        | 0.137   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.412  | 7.181  | 264589   | 971944   | 0.326   | 0.818 #   |
| 20)                         | A Methoxychlor  | 6.731  | 7.586f | 2214005  | 1063334  | 6.244   | 1.705 #   |
| 21)                         | B Endrin ke...  | 6.867f | 7.644f | 2805661  | 2186893  | 3.106   | 1.659 #   |
| 22)                         | Toxaphene-1     | 5.511  | 6.365  | 3888417  | 808424   | 695.074 | 123.061 # |
| 23)                         | Toxaphene-2     | 5.623  | 0.000  | 453479   | 0        | 78.246  | N.D. #    |
| 24)                         | Toxaphene-3     | 5.977  | 0.000  | 59636    | 0        | 11.938  | N.D. #    |
| 25)                         | Toxaphene-4     | 6.063  | 7.181  | 221812   | 971944   | 14.666  | 28.860 #  |
| 26)                         | Toxaphene-5     | 6.831  | 7.586  | 272774   | 1063334  | 14.746  | 64.769 #  |
| -----                       |                 |        |        |          |          |         |           |

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

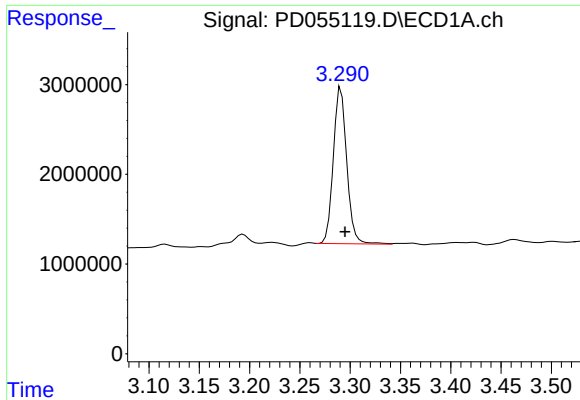
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
Data File : PD055119.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2019 01:06  
Operator : SG\AJ  
Sample : K5026-13  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 04:24:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 24 07:21:19 2019  
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



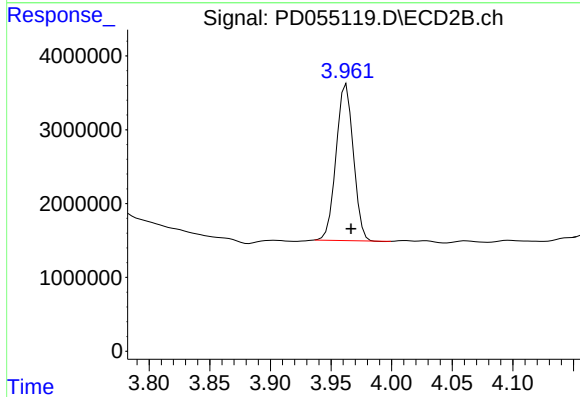
Instrument :  
ECD\_D  
ClientSampled :  
C0AX8



#1 Tetrachloro-m-xylene

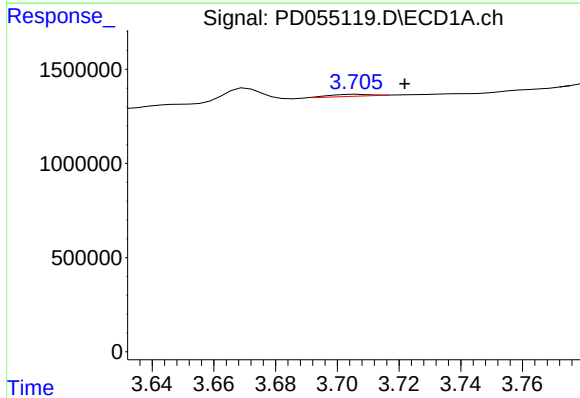
R.T.: 3.291 min  
Delta R.T.: -0.004 min  
Response: 16153021  
Conc: 21.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



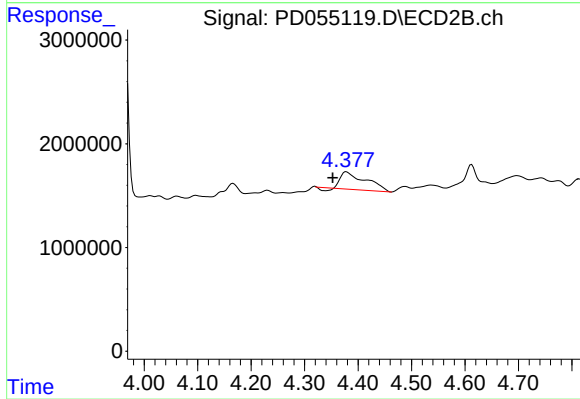
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: -0.004 min  
Response: 20891607  
Conc: 20.36 ng/ml



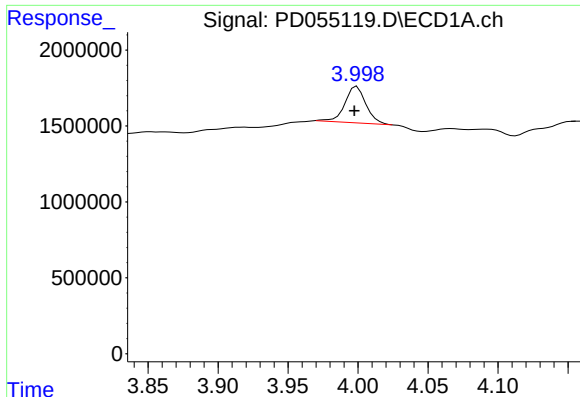
#2 alpha-BHC

R.T.: 3.706 min  
Delta R.T.: -0.015 min  
Response: 90389  
Conc: N.D.



#2 alpha-BHC

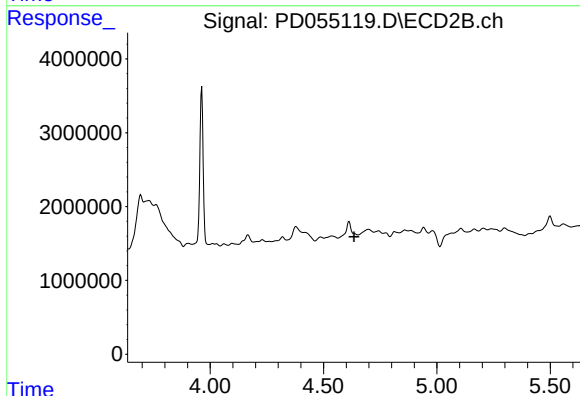
R.T.: 4.378 min  
Delta R.T.: 0.025 min  
Response: 5302904  
Conc: 3.68 ng/ml



#3 gamma-BHC (Lindane)

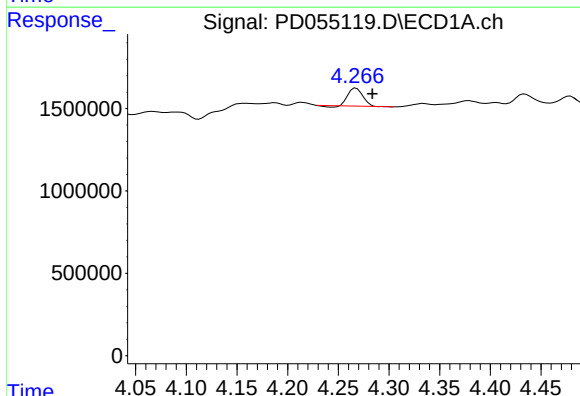
R.T.: 3.999 min  
Delta R.T.: 0.002 min  
Response: 2484619  
Conc: 2.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



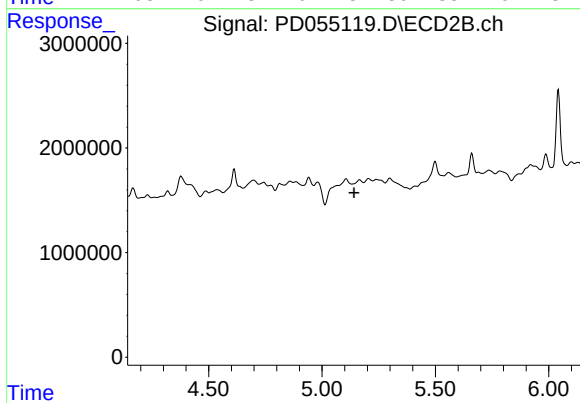
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.635 min  
Response: 0  
Conc: N.D.



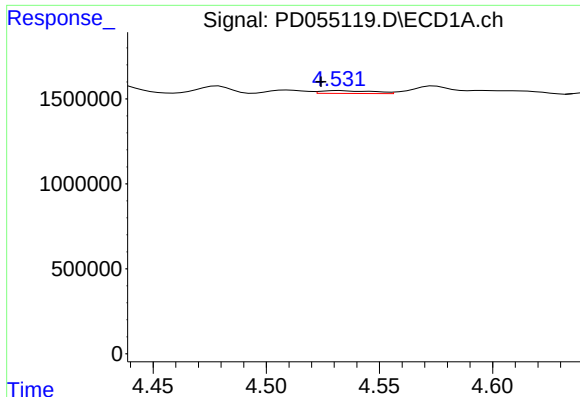
#4 Heptachlor

R.T.: 4.268 min  
Delta R.T.: -0.016 min  
Response: 1081057  
Conc: 1.17 ng/ml



#4 Heptachlor

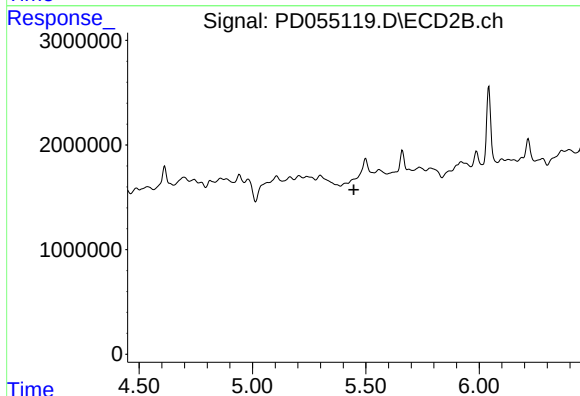
R.T.: 0.000 min  
Exp R.T. : 5.142 min  
Response: 0  
Conc: N.D.



#5 Aldrin

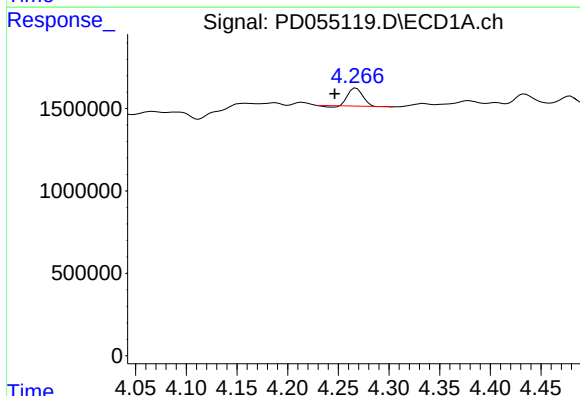
R.T.: 4.532 min  
Delta R.T.: 0.008 min  
Response: 264724  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



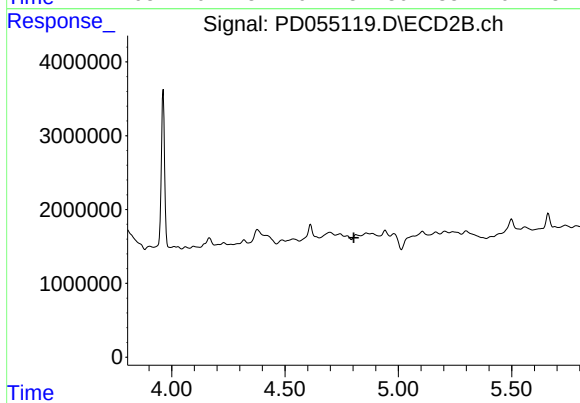
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.447 min  
Response: 0  
Conc: N.D.



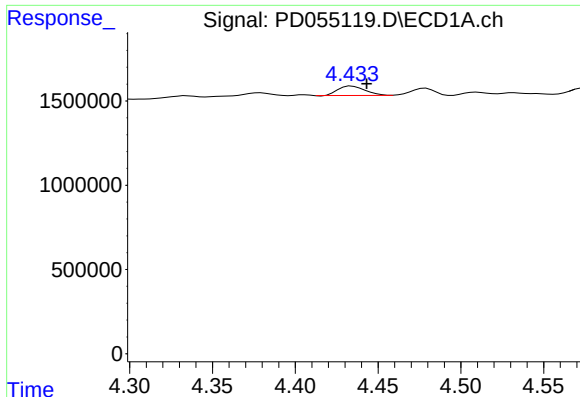
#6 beta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.021 min  
Response: 1081057  
Conc: 2.31 ng/ml



#6 beta-BHC

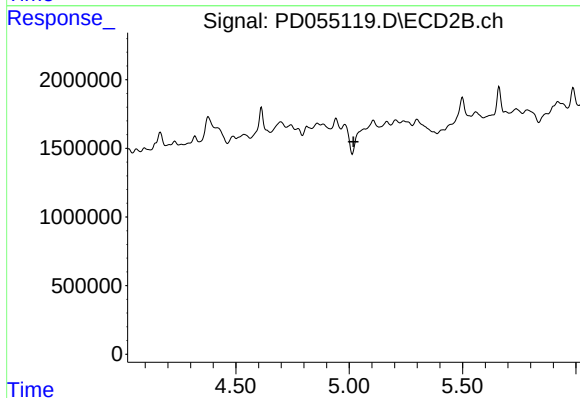
R.T.: 0.000 min  
Exp R.T. : 4.804 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

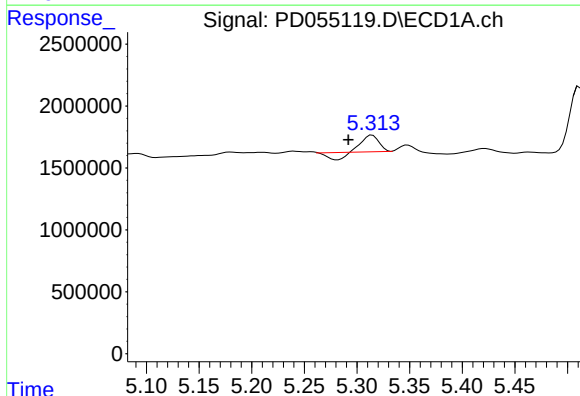
R.T.: 4.434 min  
Delta R.T.: -0.009 min  
Response: 644368  
Conc: 0.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



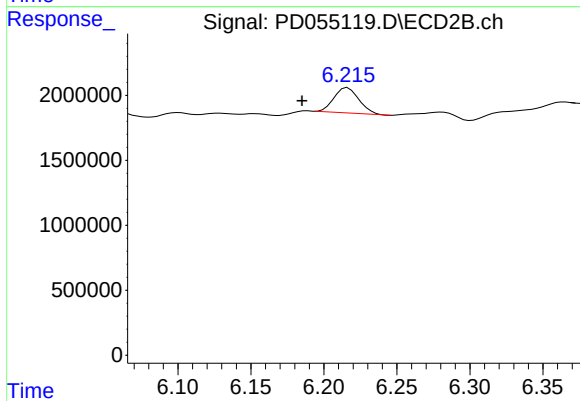
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.019 min  
Response: 0  
Conc: N.D.



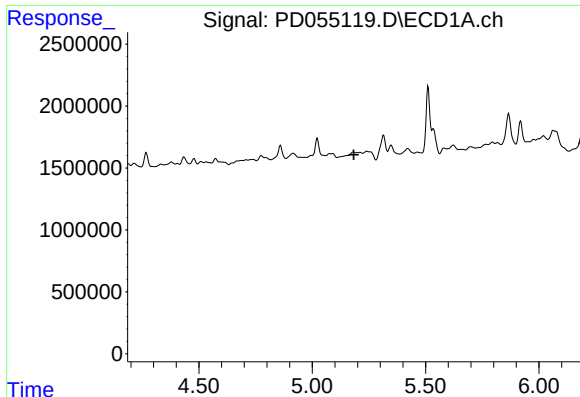
#9 Endosulfan I

R.T.: 5.315 min  
Delta R.T.: 0.023 min  
Response: 966594  
Conc: 1.09 ng/ml



#9 Endosulfan I

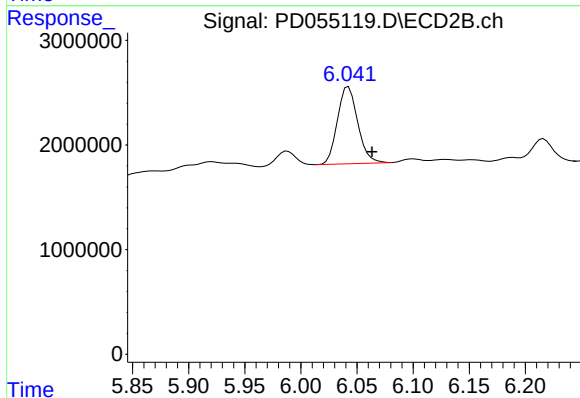
R.T.: 6.216 min  
Delta R.T.: 0.031 min  
Response: 2325201  
Conc: 1.84 ng/ml



#10 trans-Chlordane

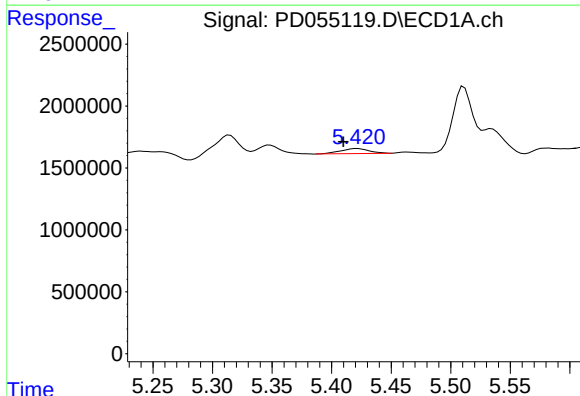
R.T.: 5.181 min  
Delta R.T.: -0.003 min  
Response: -13011  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



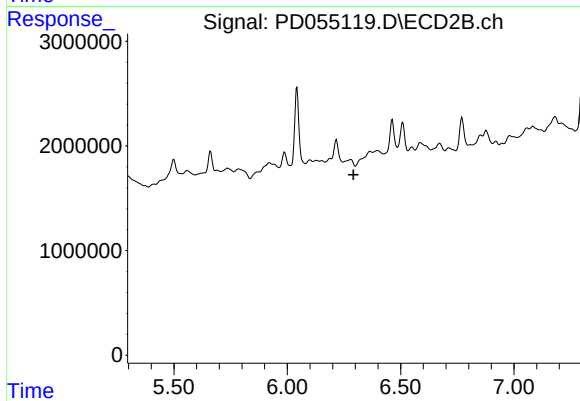
#10 trans-Chlordane

R.T.: 6.042 min  
Delta R.T.: -0.021 min  
Response: 9281019  
Conc: 6.85 ng/ml



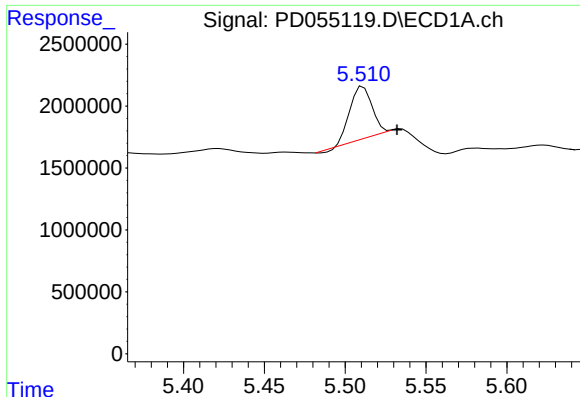
#12 4,4'-DDE

R.T.: 5.422 min  
Delta R.T.: 0.012 min  
Response: 674507  
Conc: 0.75 ng/ml



#12 4,4'-DDE

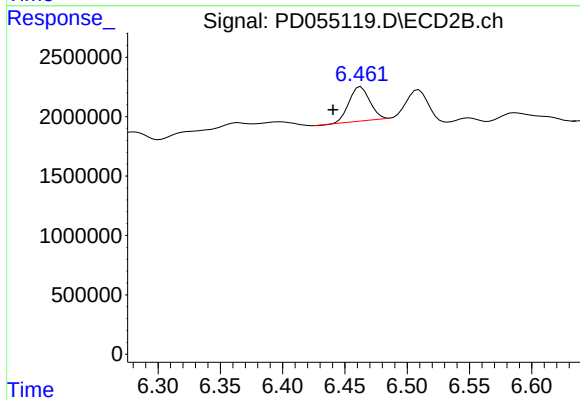
R.T.: 0.000 min  
Exp R.T.: 6.293 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

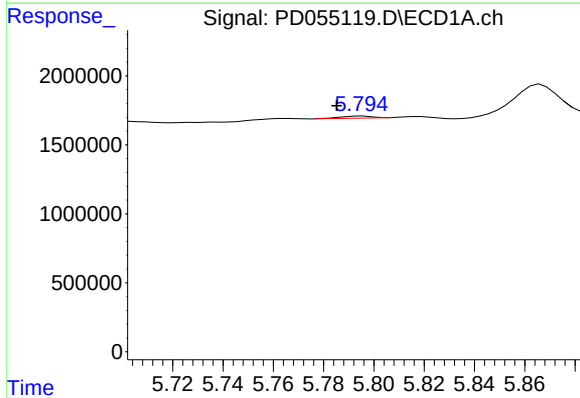
R.T.: 5.511 min  
Delta R.T.: -0.021 min  
Response: 3888417  
Conc: 3.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



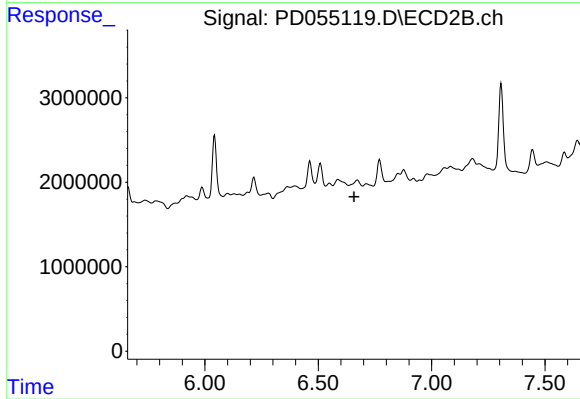
#13 Dieldrin

R.T.: 6.463 min  
Delta R.T.: 0.022 min  
Response: 3344544  
Conc: 2.40 ng/ml



#14 Endrin

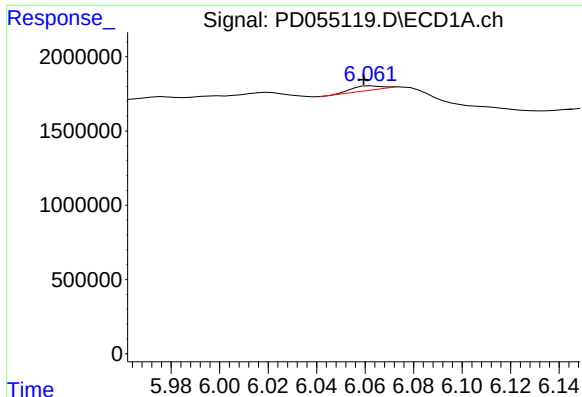
R.T.: 5.795 min  
Delta R.T.: 0.010 min  
Response: 131660  
Conc: 0.16 ng/ml



#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.658 min  
Response: 0  
Conc: N.D.

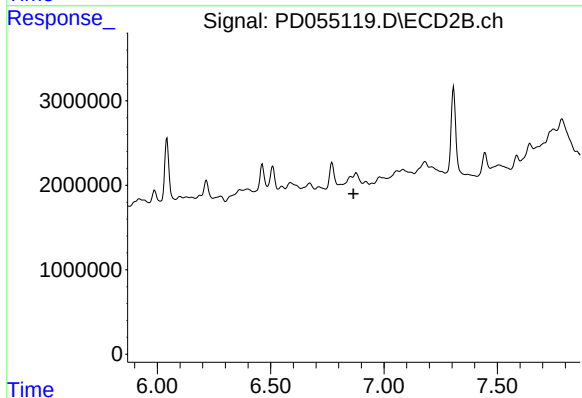




#15 Endosulfan II

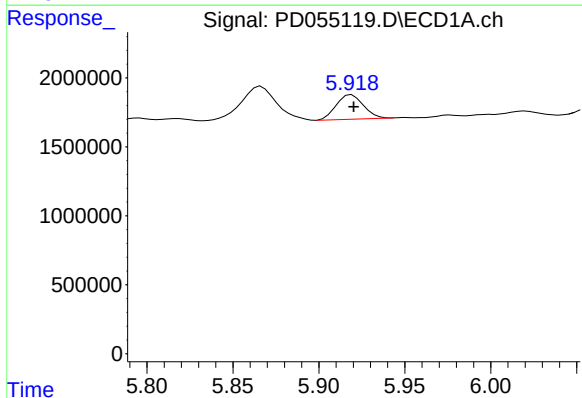
R.T.: 6.063 min  
Delta R.T.: 0.003 min  
Response: 221812  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



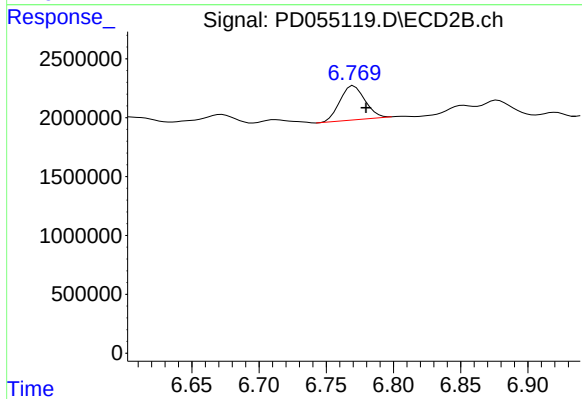
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.866 min  
Response: 0  
Conc: N.D.



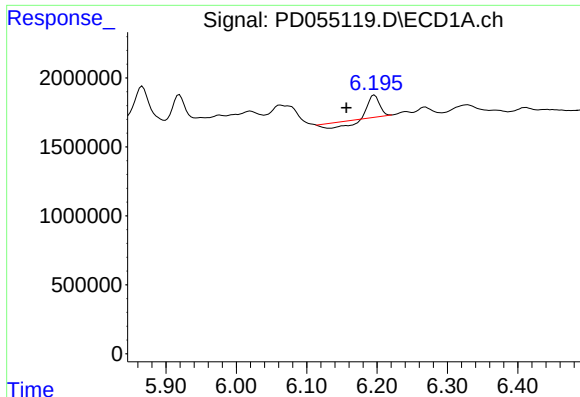
#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.001 min  
Response: 1952592  
Conc: 2.69 ng/ml



#16 4,4'-DDD

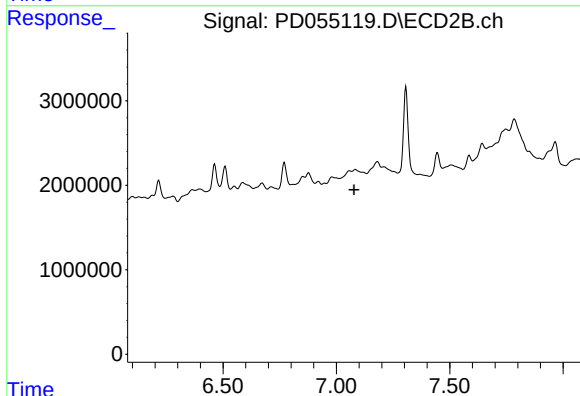
R.T.: 6.770 min  
Delta R.T.: -0.009 min  
Response: 3724798  
Conc: 3.43 ng/ml



#17 4,4'-DDT

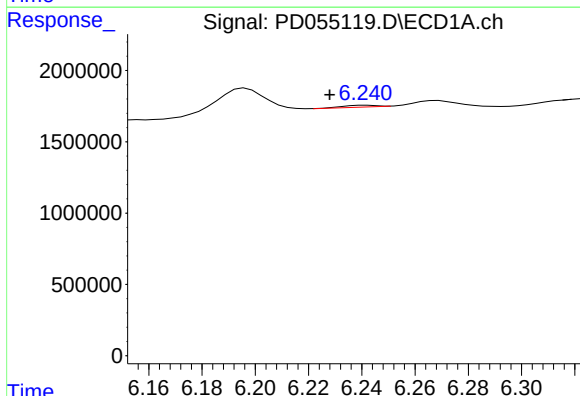
R.T.: 6.196 min  
Delta R.T.: 0.040 min  
Response: 810613  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



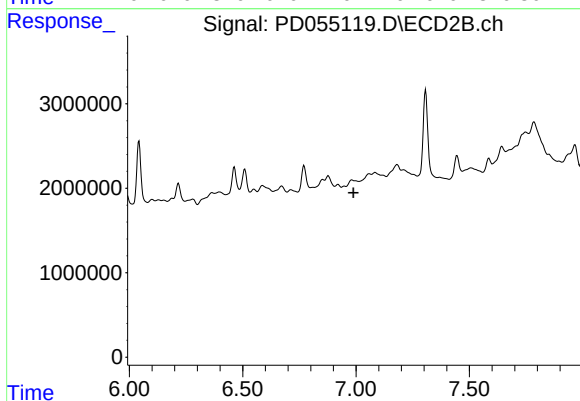
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



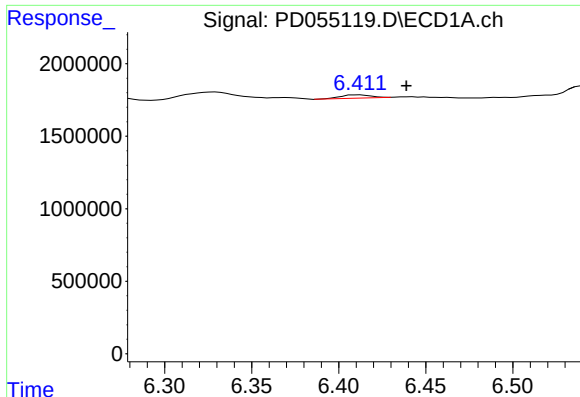
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: 0.014 min  
Response: 99293  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

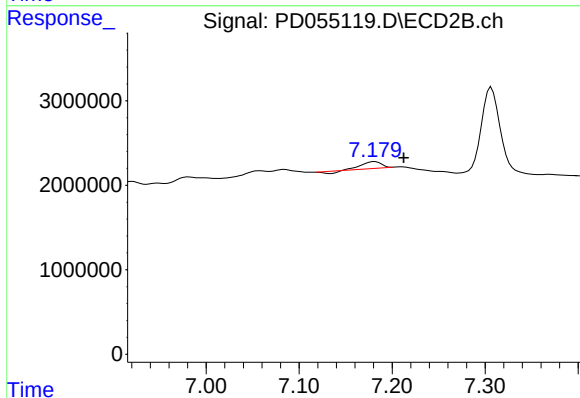
R.T.: 0.000 min  
Exp R.T. : 6.989 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

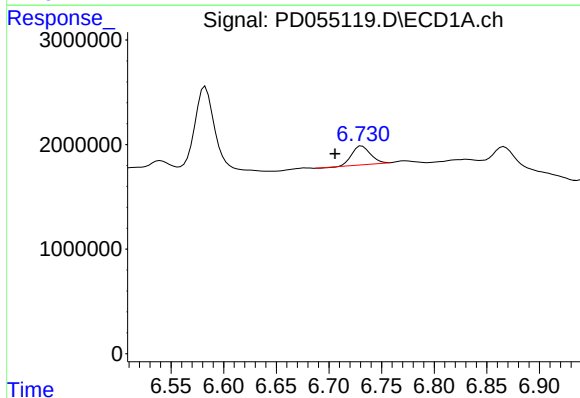
R.T.: 6.412 min  
Delta R.T.: -0.027 min  
Response: 264589  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



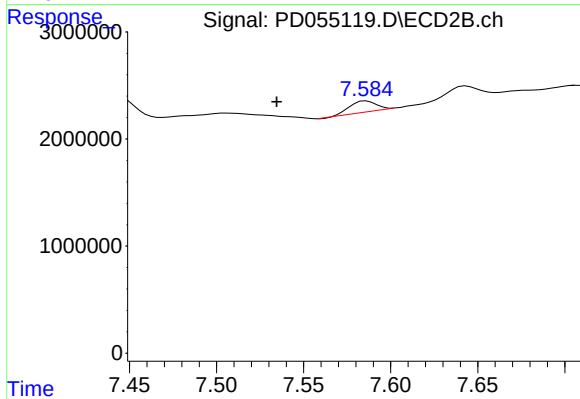
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: -0.031 min  
Response: 971944  
Conc: 0.82 ng/ml



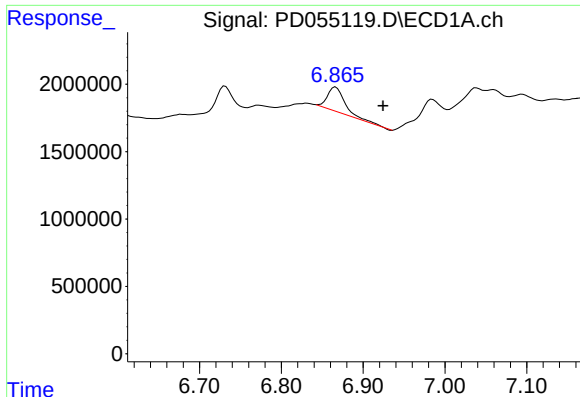
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: 0.025 min  
Response: 2214005  
Conc: 6.24 ng/ml



#20 Methoxychlor

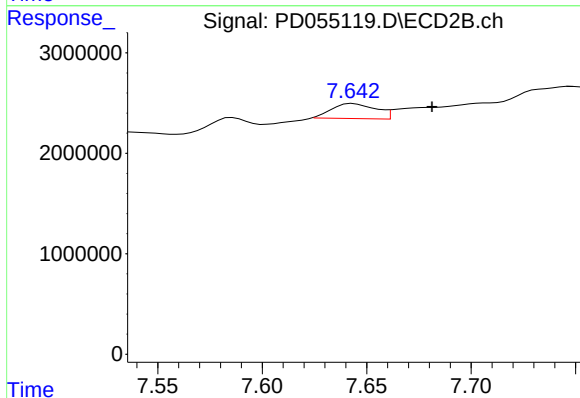
R.T.: 7.586 min  
Delta R.T.: 0.051 min  
Response: 1063334  
Conc: 1.70 ng/ml



#21 Endrin ketone

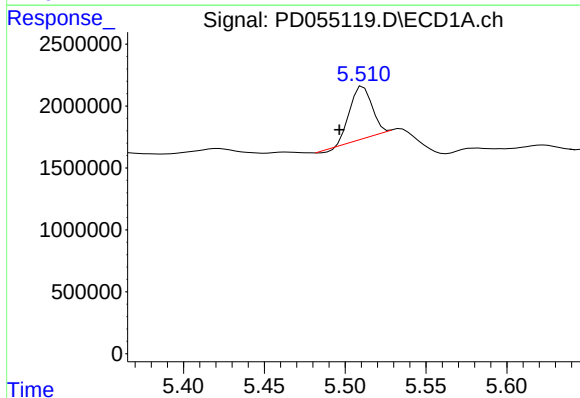
R.T.: 6.867 min  
Delta R.T.: -0.058 min  
Response: 2805661  
Conc: 3.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



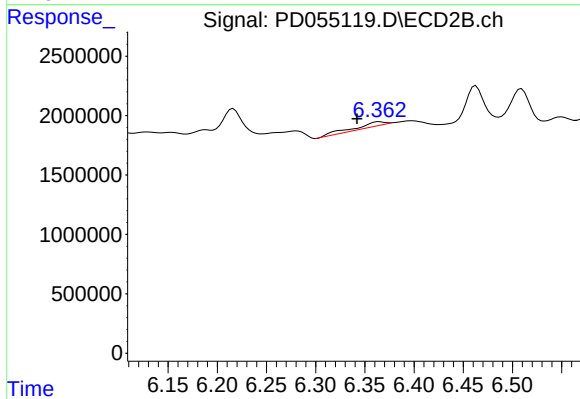
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: -0.038 min  
Response: 2186893  
Conc: 1.66 ng/ml



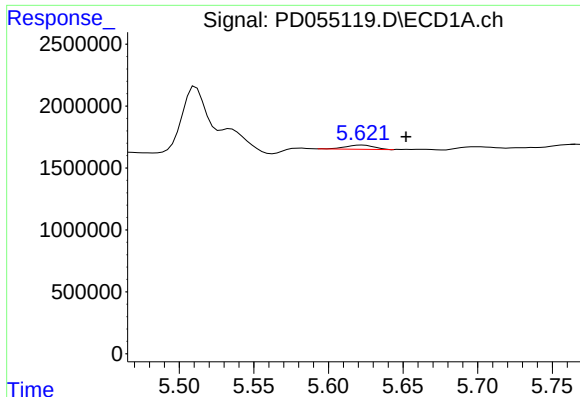
#22 Toxaphene-1

R.T.: 5.511 min  
Delta R.T.: 0.015 min  
Response: 3888417  
Conc: 695.07 ng/ml



#22 Toxaphene-1

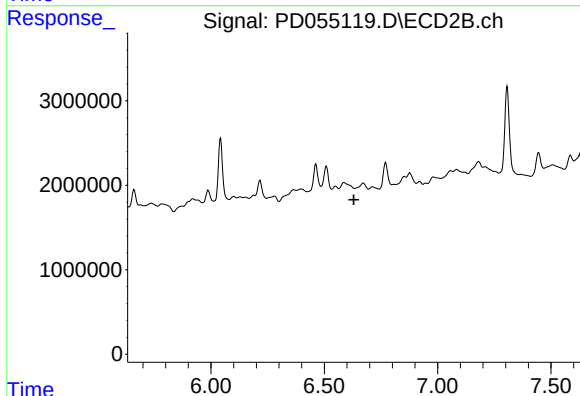
R.T.: 6.365 min  
Delta R.T.: 0.023 min  
Response: 808424  
Conc: 123.06 ng/ml



#23 Toxaphene-2

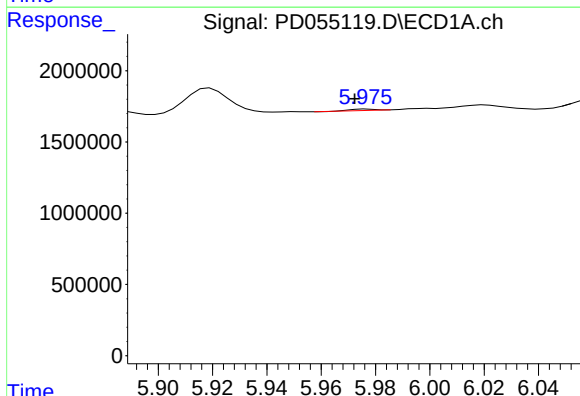
R.T.: 5.623 min  
Delta R.T.: -0.029 min  
Response: 453479  
Conc: 78.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



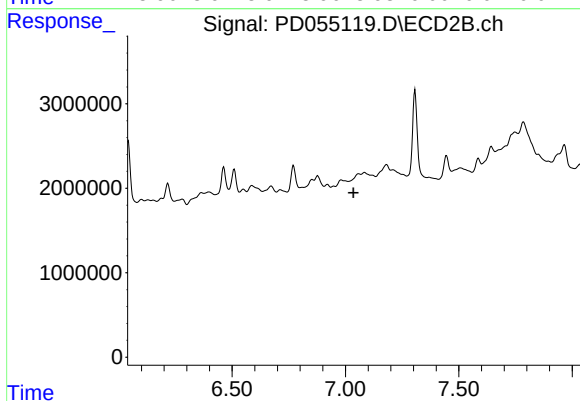
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



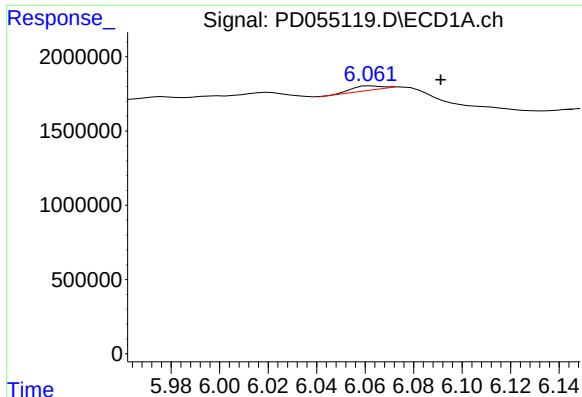
#24 Toxaphene-3

R.T.: 5.977 min  
Delta R.T.: 0.004 min  
Response: 59636  
Conc: 11.94 ng/ml



#24 Toxaphene-3

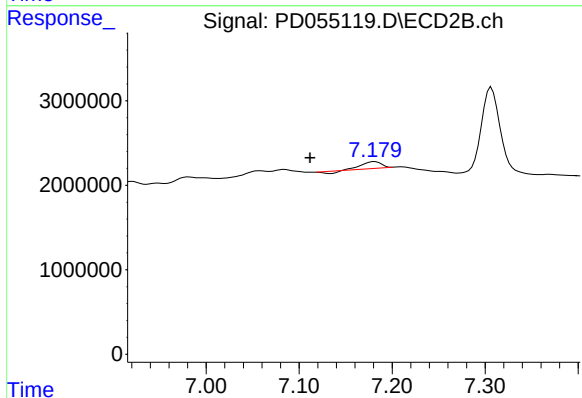
R.T.: 0.000 min  
Exp R.T. : 7.036 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

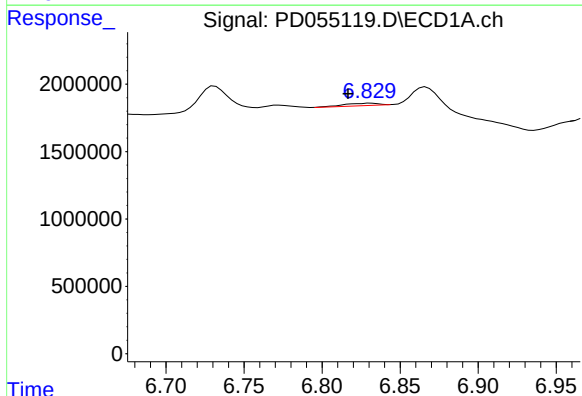
R.T.: 6.063 min  
Delta R.T.: -0.028 min  
Response: 221812  
Conc: 14.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



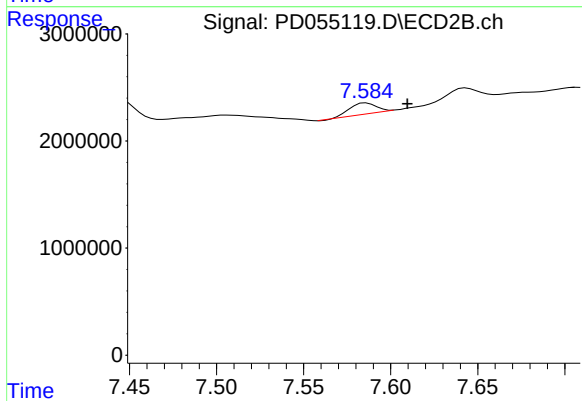
#25 Toxaphene-4

R.T.: 7.181 min  
Delta R.T.: 0.069 min  
Response: 971944  
Conc: 28.86 ng/ml



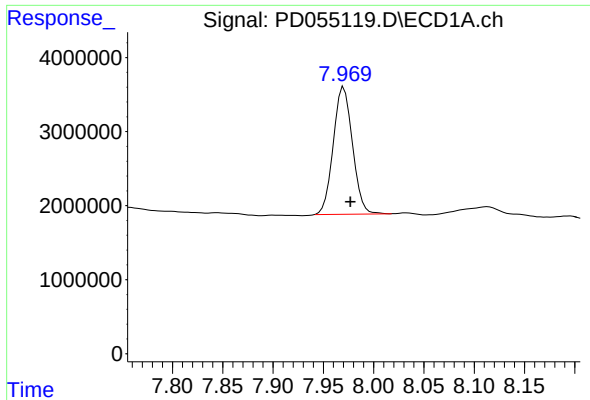
#26 Toxaphene-5

R.T.: 6.831 min  
Delta R.T.: 0.015 min  
Response: 272774  
Conc: 14.75 ng/ml



#26 Toxaphene-5

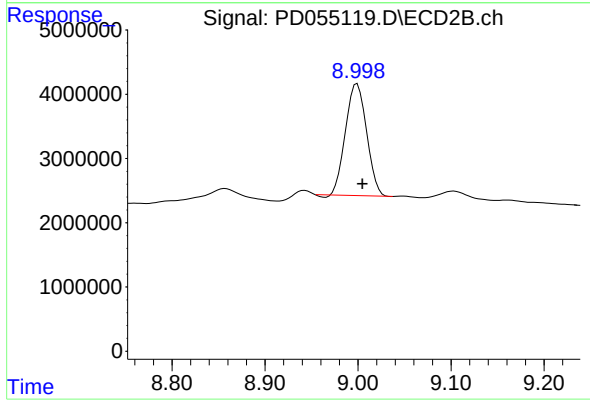
R.T.: 7.586 min  
Delta R.T.: -0.024 min  
Response: 1063334  
Conc: 64.77 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: -0.007 min  
Response: 22841235  
Conc: 27.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AX8



#27 Decachlorobiphenyl

R.T.: 8.999 min  
Delta R.T.: -0.006 min  
Response: 27428430  
Conc: 23.54 ng/ml