

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090623\  
 Data File : PD077708.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Sep 2023 18:09  
 Operator : AR\AJ  
 Sample : 04250-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 21:01:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 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

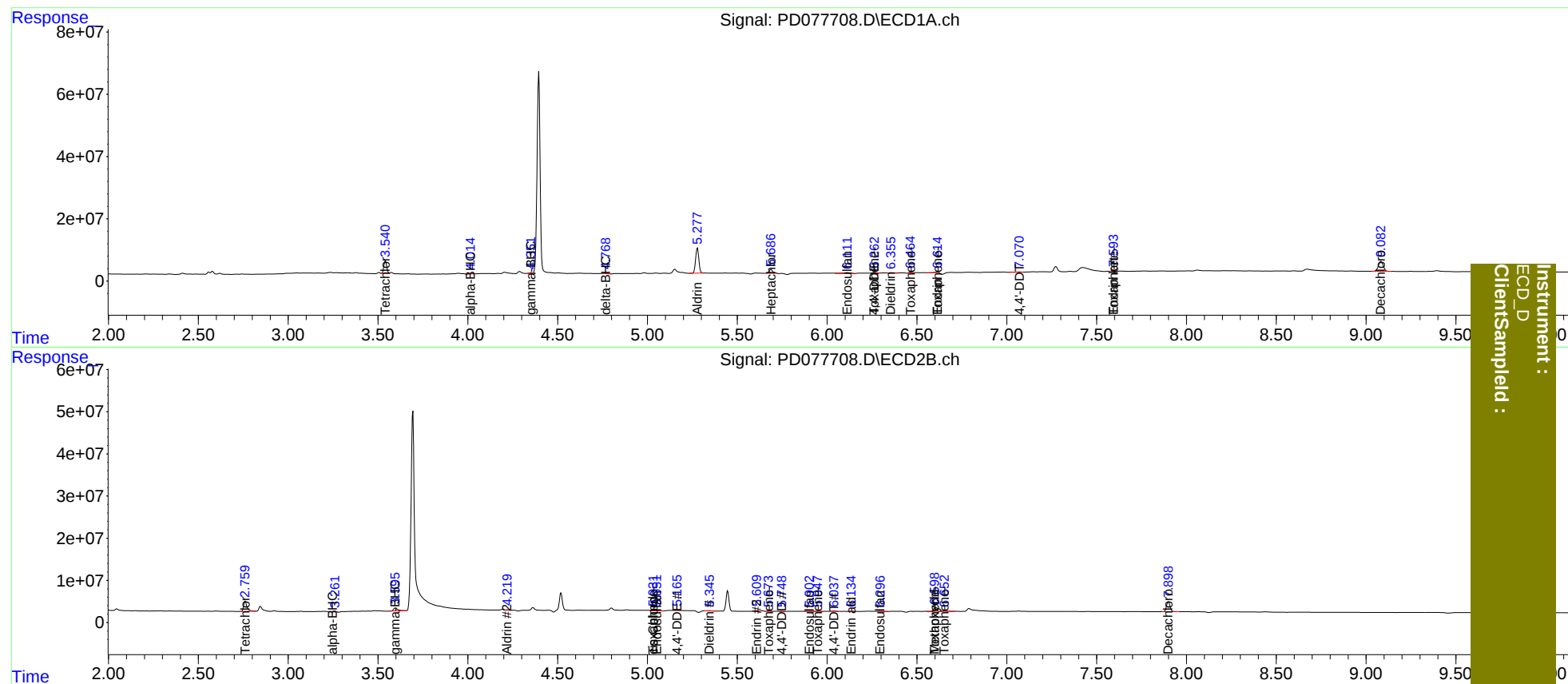
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.541  | 2.761  | 44846091 | 31053436 | 17.672  | 21.012    |
| 2)                          | SA Decachlor... | 9.083  | 7.900  | 60727747 | 32045400 | 19.440  | 19.787    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.016  | 3.248  | 756970   | 1706115  | 0.177   | 0.753 #   |
| 3)                          | MA gamma-BHC... | 4.353  | 3.597  | 1548545  | 11803767 | 0.383   | 5.467 #   |
| 4)                          | MA Heptachlor   | 4.879f | 0.000  | 342143   | 0        | <MDL    | N.D. #    |
| 5)                          | MB Aldrin       | 5.278  | 4.220  | 99496522 | 1276886  | 23.833  | 0.570 #   |
| 7)                          | B delta-BHC     | 4.768  | 0.000  | 3082249  | 0        | 0.768   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.688  | 4.741  | 17138286 | 160474   | 4.435   | <MDL #    |
| 9)                          | A Endosulfan I  | 6.112  | 5.052  | 8298032  | 2572833  | 2.472   | 1.433 #   |
| 11)                         | B cis-Chlor...  | 0.000  | 5.032  | 0        | 2058082  | N.D.    | 1.006     |
| 12)                         | B 4,4'-DDE      | 6.263f | 5.167f | 1963086  | 612985   | 0.554   | 0.323 #   |
| 13)                         | MA Dieldrin     | 6.357  | 5.347  | 3726429  | 670757   | 0.996   | 0.325 #   |
| 14)                         | MA Endrin       | 6.615  | 5.610  | 1609782  | 2119153  | 0.522   | 1.159 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.903  | 0        | 374020   | N.D.    | 0.207     |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.747  | 0        | 271109   | N.D.    | 0.201     |
| 17)                         | MA 4,4'-DDT     | 7.071  | 6.038  | 2437712  | 1086539  | 0.890   | 0.769     |
| 18)                         | B Endrin al...  | 0.000  | 6.135f | 0        | 292160   | N.D.    | 0.208     |
| 19)                         | B Endosulfa...  | 0.000  | 6.298  | 0        | 409996   | N.D.    | 0.248     |
| 20)                         | A Methoxychlor  | 0.000  | 6.599  | 0        | 8803639  | N.D.    | 11.282    |
| 21)                         | B Endrin ke...  | 7.595f | 0.000  | 3199235  | 0        | 0.929   | N.D. #    |
| 22)                         | Toxaphene-1     | 6.263  | 5.032f | 1963086  | 2058082  | 73.572  | 197.176 # |
| 23)                         | Toxaphene-2     | 6.465  | 5.675  | 4753084  | 906879   | 144.913 | 75.204 #  |
| 24)                         | Toxaphene-3     | 6.615f | 5.948  | 1609782  | 386112   | 69.736  | 28.311 #  |
| 25)                         | Toxaphene-4     | 0.000  | 6.599  | 0        | 8803639  | N.D.    | 228.121   |
| 26)                         | Toxaphene-5     | 7.595  | 6.653f | 3199235  | 1949705  | 61.391  | 35.128 #  |
| -----                       |                 |        |        |          |          |         |           |

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

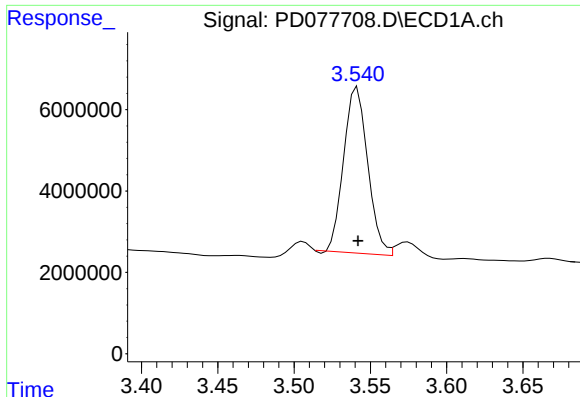
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090623\  
Data File : PD077708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Sep 2023 18:09  
Operator : AR\AJ  
Sample : 04250-03  
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Integration File signal 1: autoint1.e  
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Quant Time: Sep 06 21:01:48 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
Response via : Initial Calibration  
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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



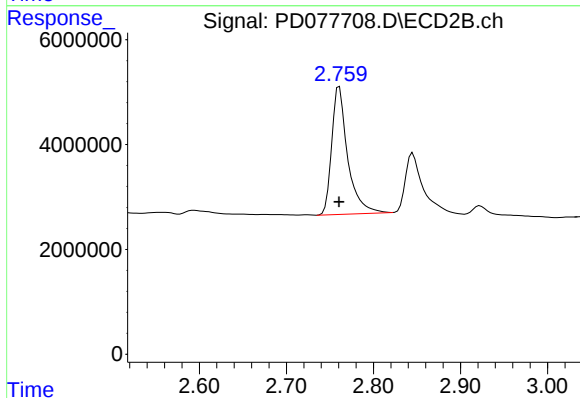
Instrument :  
ECD\_D  
ClientSampled :  
0



#1 Tetrachloro-m-xylene

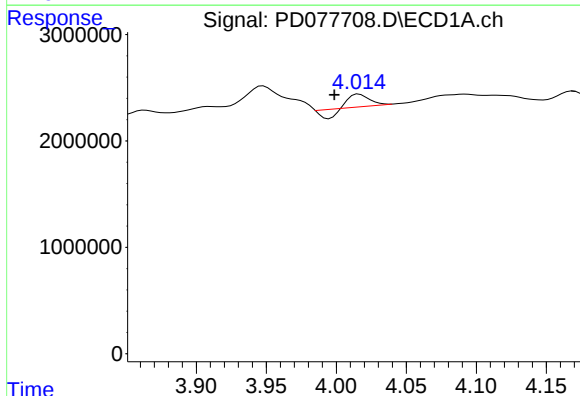
R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 44846091  
Conc: 17.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



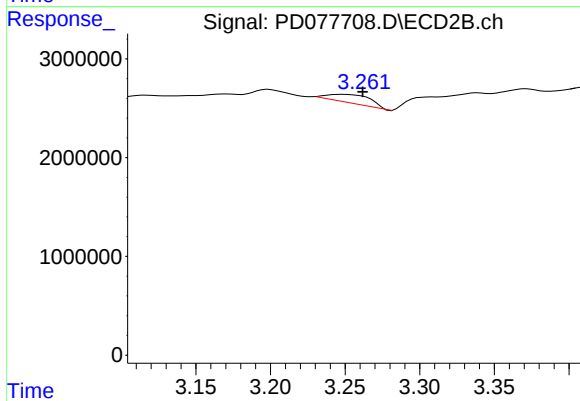
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 31053436  
Conc: 21.01 ng/ml



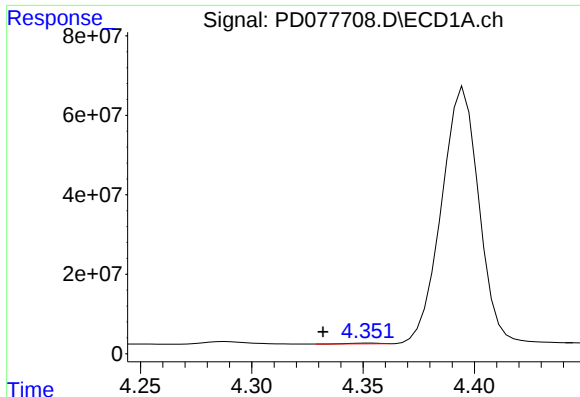
#2 alpha-BHC

R.T.: 4.016 min  
Delta R.T.: 0.018 min  
Response: 756970  
Conc: 0.18 ng/ml



#2 alpha-BHC

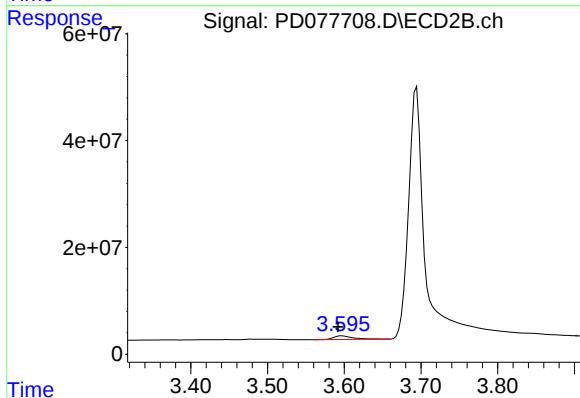
R.T.: 3.248 min  
Delta R.T.: -0.014 min  
Response: 1706115  
Conc: 0.75 ng/ml



#3 gamma-BHC (Lindane)

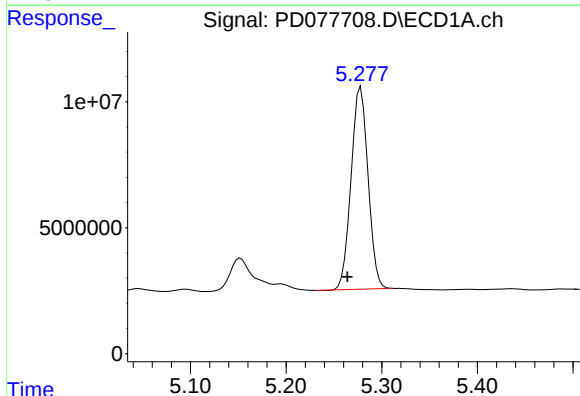
R.T.: 4.353 min  
Delta R.T.: 0.021 min  
Response: 1548545  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



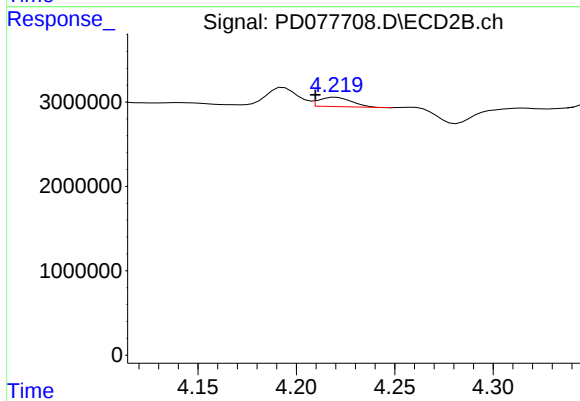
#3 gamma-BHC (Lindane)

R.T.: 3.597 min  
Delta R.T.: 0.005 min  
Response: 11803767  
Conc: 5.47 ng/ml



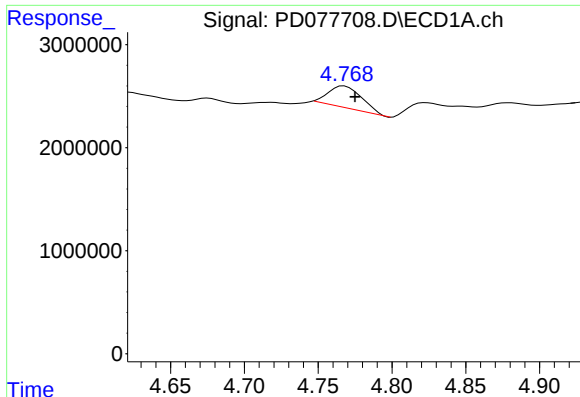
#5 Aldrin

R.T.: 5.278 min  
Delta R.T.: 0.014 min  
Response: 99496522  
Conc: 23.83 ng/ml



#5 Aldrin

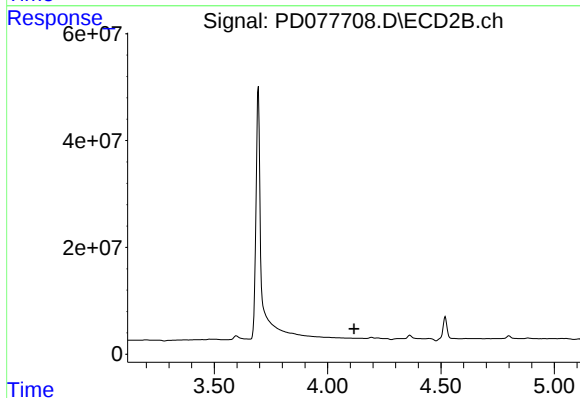
R.T.: 4.220 min  
Delta R.T.: 0.011 min  
Response: 1276886  
Conc: 0.57 ng/ml



#7 delta-BHC

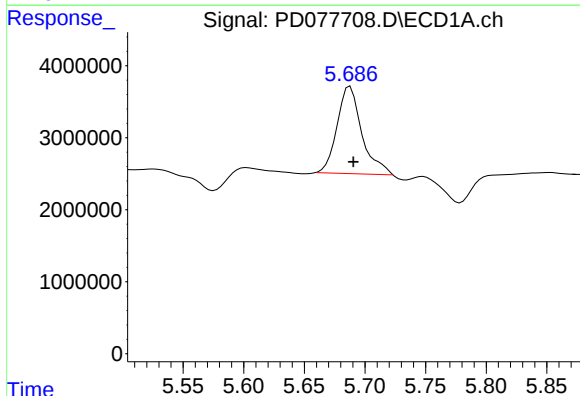
R.T.: 4.768 min  
Delta R.T.: -0.008 min  
Response: 3082249  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



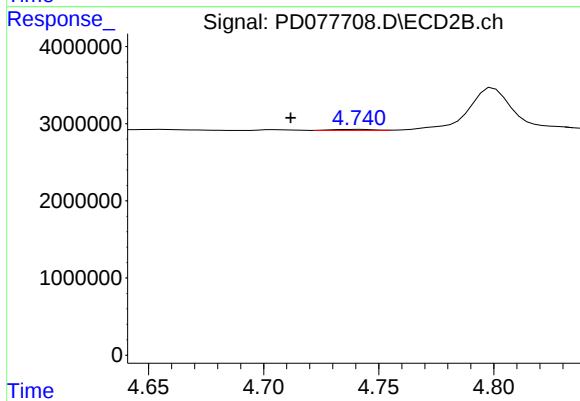
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.118 min  
Response: 0  
Conc: N.D.



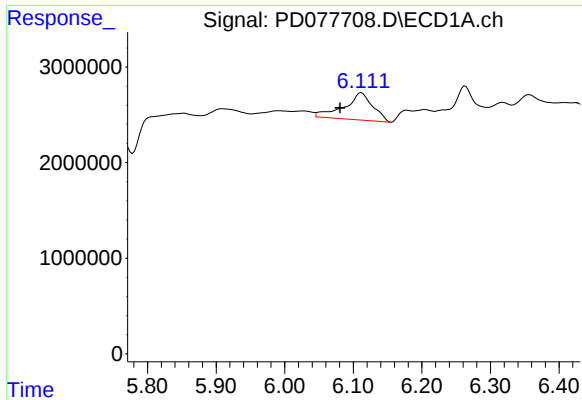
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.003 min  
Response: 17138286  
Conc: 4.43 ng/ml



#8 Heptachlor epoxide

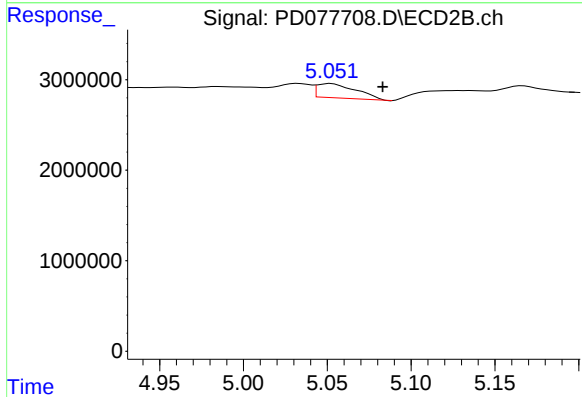
R.T.: 4.741 min  
Delta R.T.: 0.030 min  
Response: 160474  
Conc: N.D.



#9 Endosulfan I

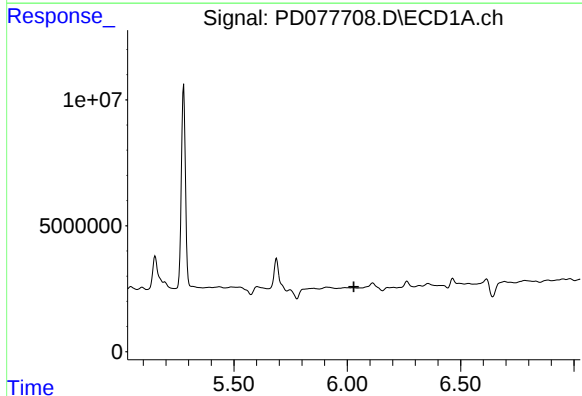
R.T.: 6.112 min  
Delta R.T.: 0.031 min  
Response: 8298032  
Conc: 2.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



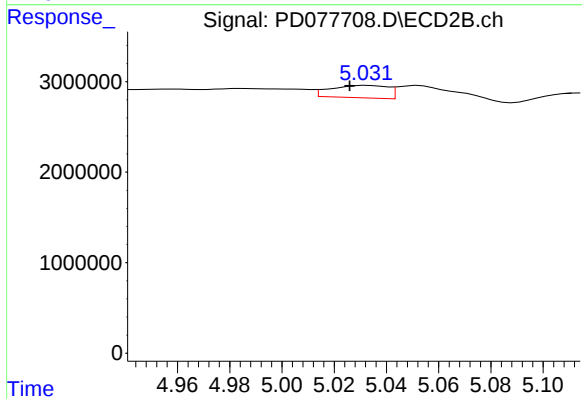
#9 Endosulfan I

R.T.: 5.052 min  
Delta R.T.: -0.031 min  
Response: 2572833  
Conc: 1.43 ng/ml



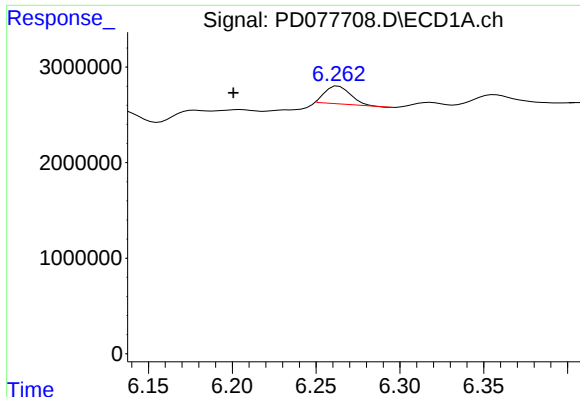
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.029 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

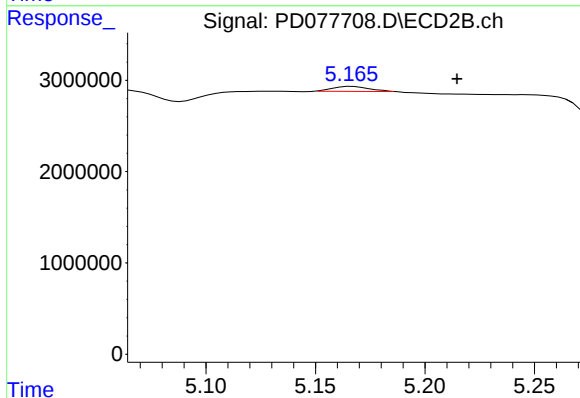
R.T.: 5.032 min  
Delta R.T.: 0.007 min  
Response: 2058082  
Conc: 1.01 ng/ml



#12 4,4'-DDE

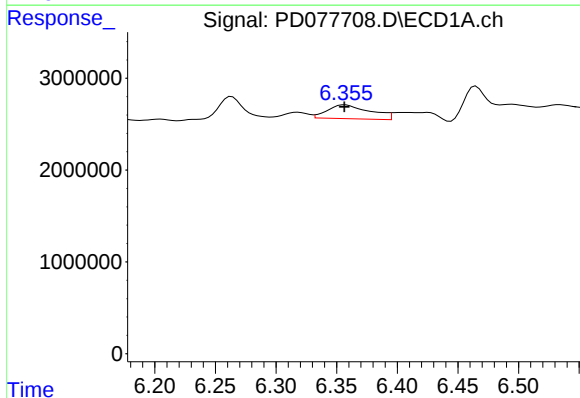
R.T.: 6.263 min  
Delta R.T.: 0.063 min  
Response: 1963086  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



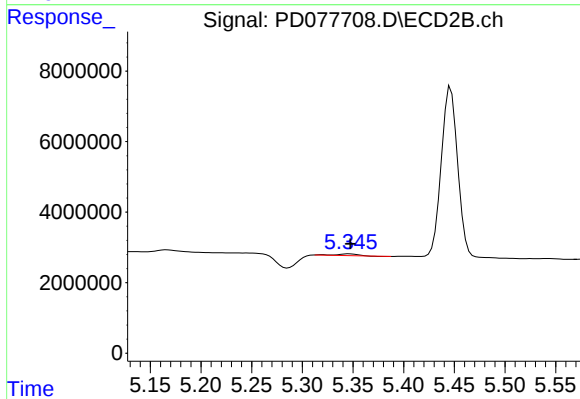
#12 4,4'-DDE

R.T.: 5.167 min  
Delta R.T.: -0.048 min  
Response: 612985  
Conc: 0.32 ng/ml



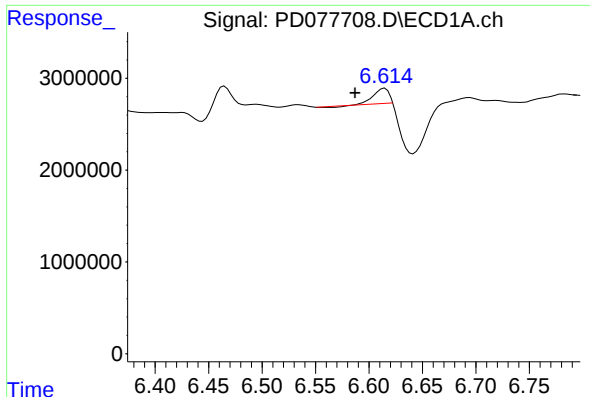
#13 Dieldrin

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 3726429  
Conc: 1.00 ng/ml



#13 Dieldrin

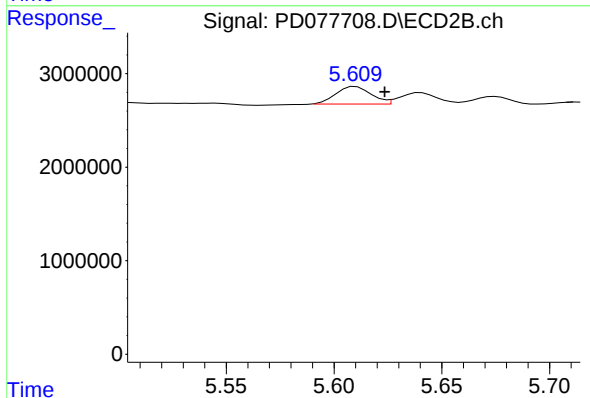
R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 670757  
Conc: 0.32 ng/ml



#14 Endrin

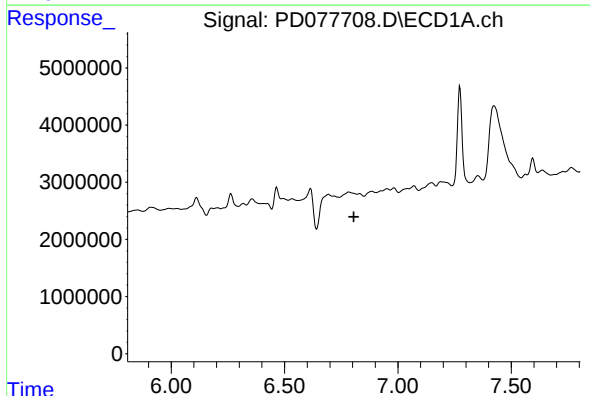
R.T.: 6.615 min  
Delta R.T.: 0.028 min  
Response: 1609782  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



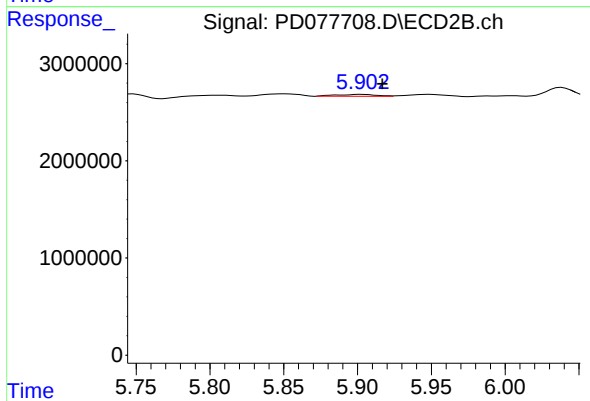
#14 Endrin

R.T.: 5.610 min  
Delta R.T.: -0.013 min  
Response: 2119153  
Conc: 1.16 ng/ml



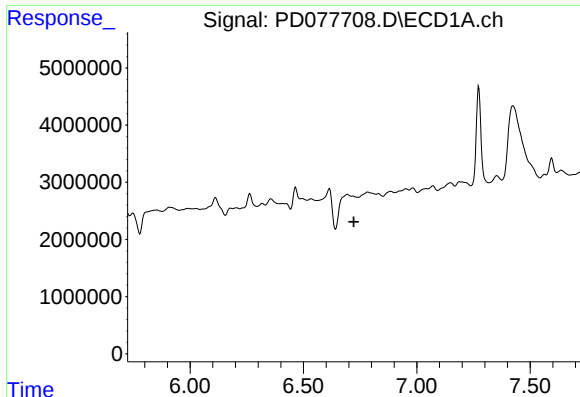
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.806 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

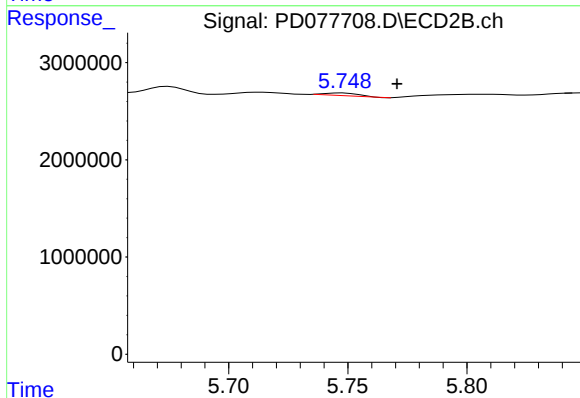
R.T.: 5.903 min  
Delta R.T.: -0.013 min  
Response: 374020  
Conc: 0.21 ng/ml



#16 4,4'-DDD

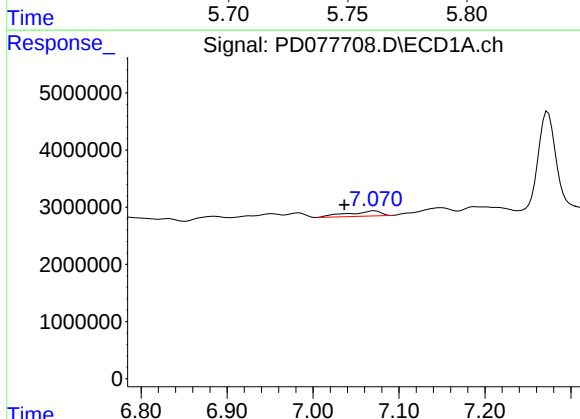
R.T.: 0.000 min  
Exp R.T.: 6.722 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



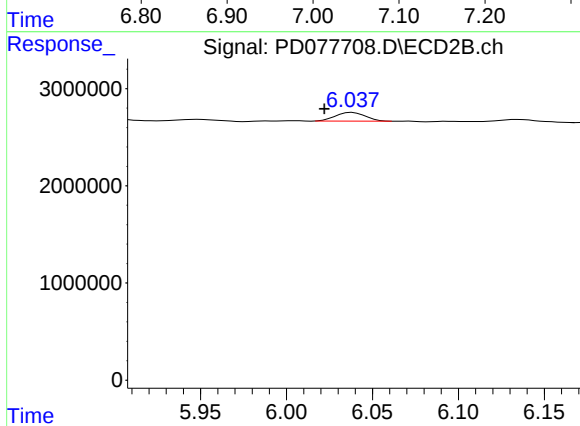
#16 4,4'-DDD

R.T.: 5.747 min  
Delta R.T.: -0.023 min  
Response: 271109  
Conc: 0.20 ng/ml



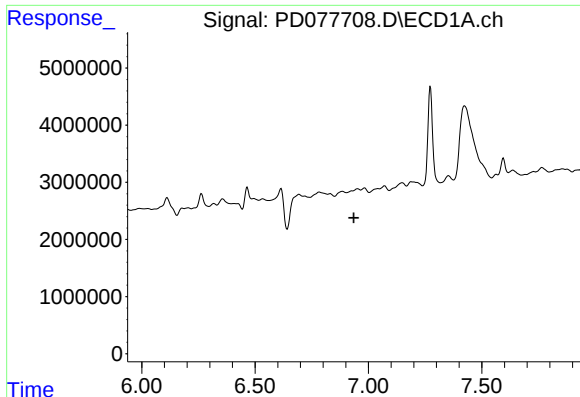
#17 4,4'-DDT

R.T.: 7.071 min  
Delta R.T.: 0.035 min  
Response: 2437712  
Conc: 0.89 ng/ml



#17 4,4'-DDT

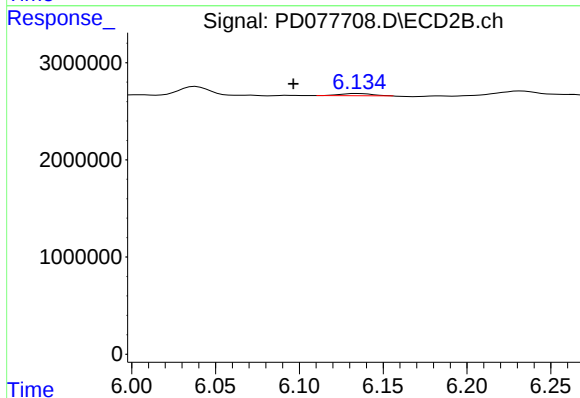
R.T.: 6.038 min  
Delta R.T.: 0.016 min  
Response: 1086539  
Conc: 0.77 ng/ml



#18 Endrin aldehyde

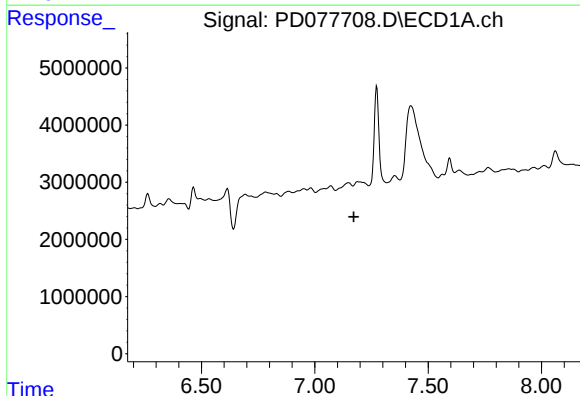
R.T.: 0.000 min  
Exp R.T.: 6.936 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



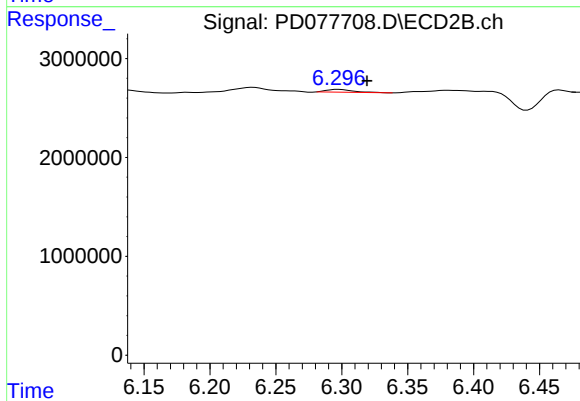
#18 Endrin aldehyde

R.T.: 6.135 min  
Delta R.T.: 0.039 min  
Response: 292160  
Conc: 0.21 ng/ml



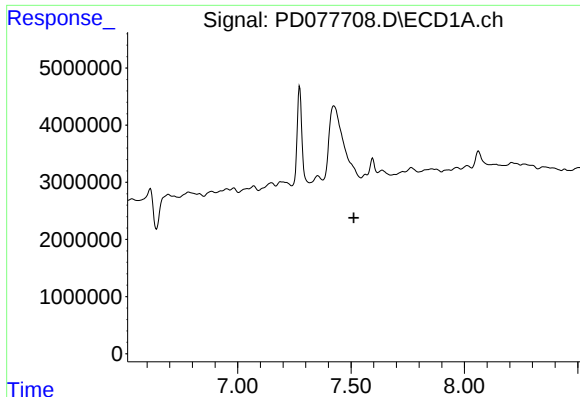
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.172 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

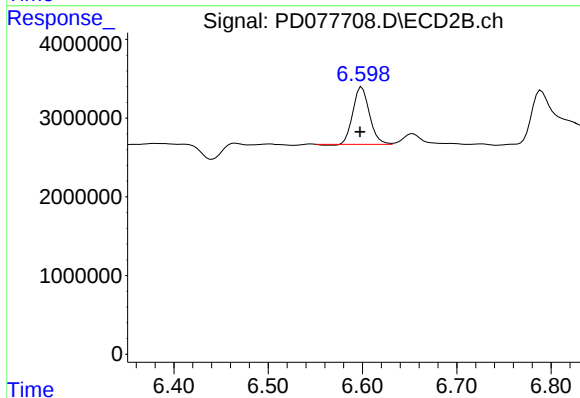
R.T.: 6.298 min  
Delta R.T.: -0.021 min  
Response: 409996  
Conc: 0.25 ng/ml



#20 Methoxychlor

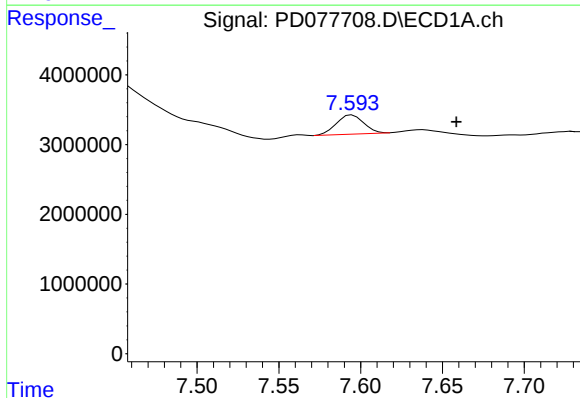
R.T.: 0.000 min  
Exp R.T.: 7.513 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



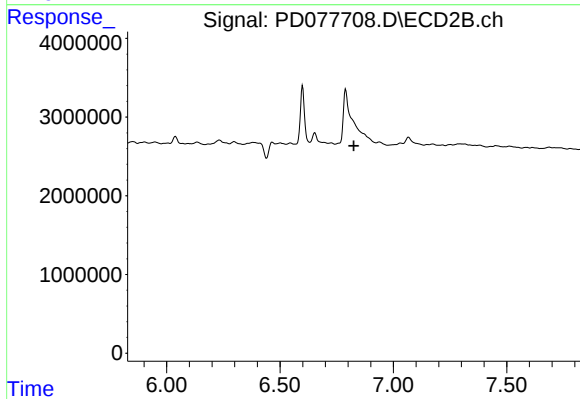
#20 Methoxychlor

R.T.: 6.599 min  
Delta R.T.: 0.002 min  
Response: 8803639  
Conc: 11.28 ng/ml



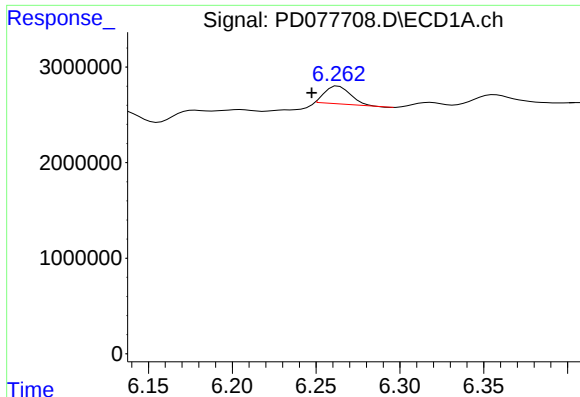
#21 Endrin ketone

R.T.: 7.595 min  
Delta R.T.: -0.064 min  
Response: 3199235  
Conc: 0.93 ng/ml



#21 Endrin ketone

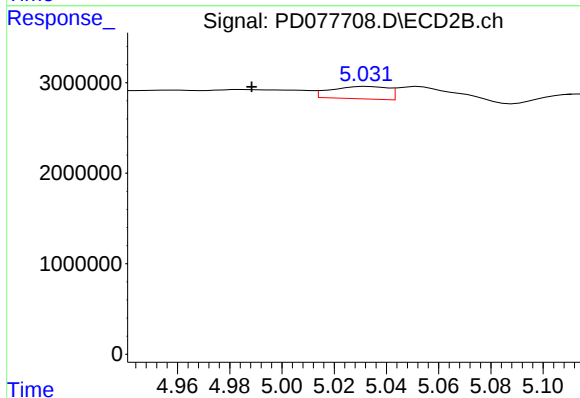
R.T.: 0.000 min  
Exp R.T.: 6.826 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

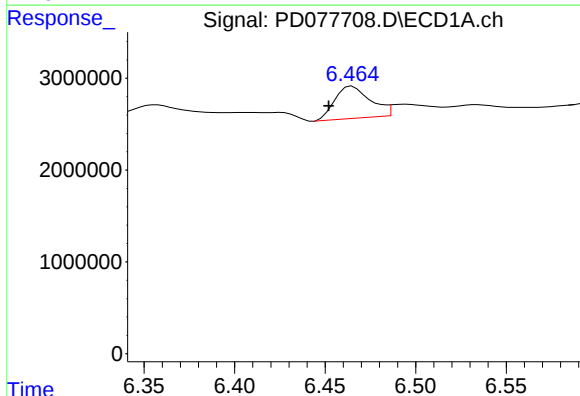
R.T.: 6.263 min  
Delta R.T.: 0.016 min  
Response: 1963086  
Conc: 73.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



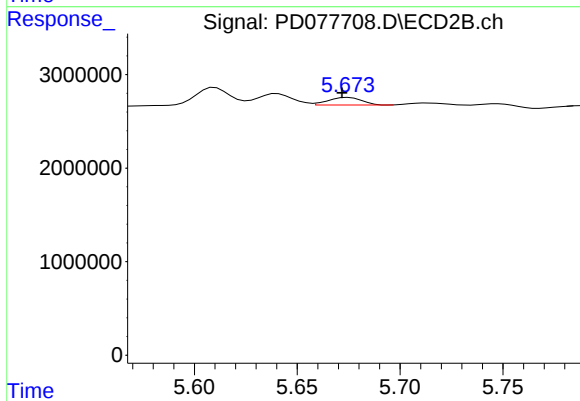
#22 Toxaphene-1

R.T.: 5.032 min  
Delta R.T.: 0.044 min  
Response: 2058082  
Conc: 197.18 ng/ml



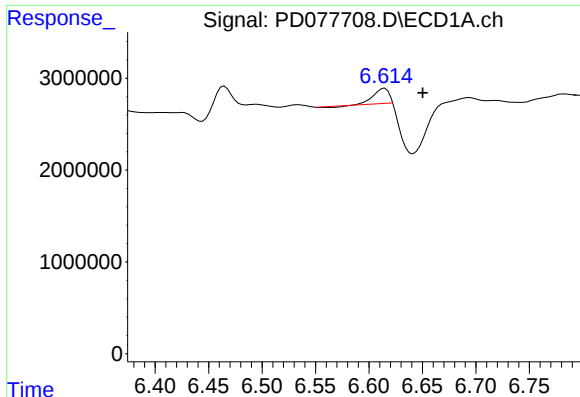
#23 Toxaphene-2

R.T.: 6.465 min  
Delta R.T.: 0.013 min  
Response: 4753084  
Conc: 144.91 ng/ml



#23 Toxaphene-2

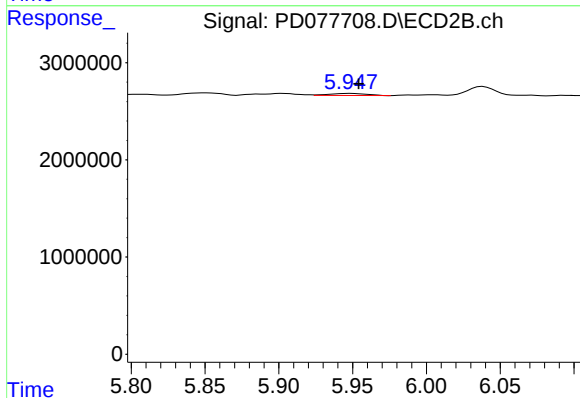
R.T.: 5.675 min  
Delta R.T.: 0.003 min  
Response: 906879  
Conc: 75.20 ng/ml



#24 Toxaphene-3

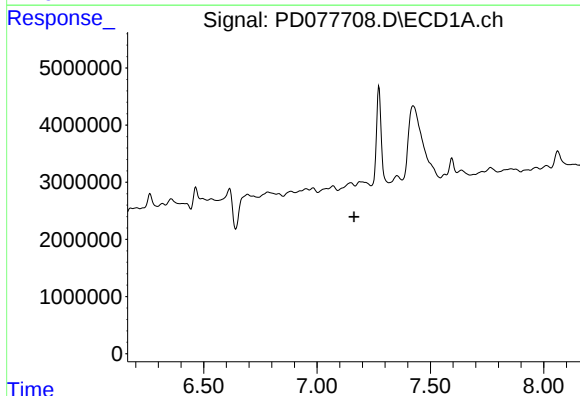
R.T.: 6.615 min  
Delta R.T.: -0.036 min  
Response: 1609782  
Conc: 69.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



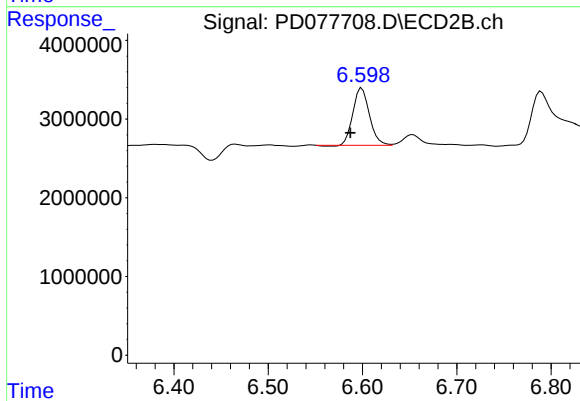
#24 Toxaphene-3

R.T.: 5.948 min  
Delta R.T.: -0.006 min  
Response: 386112  
Conc: 28.31 ng/ml



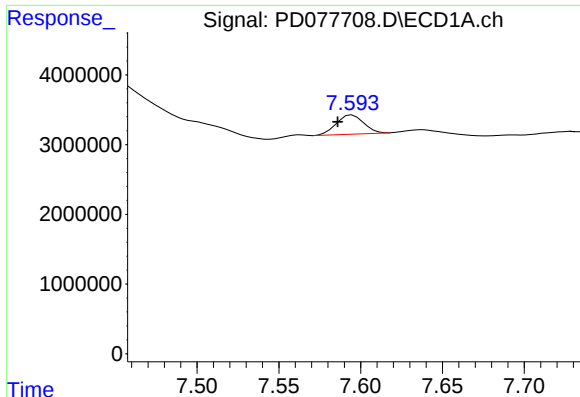
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.163 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

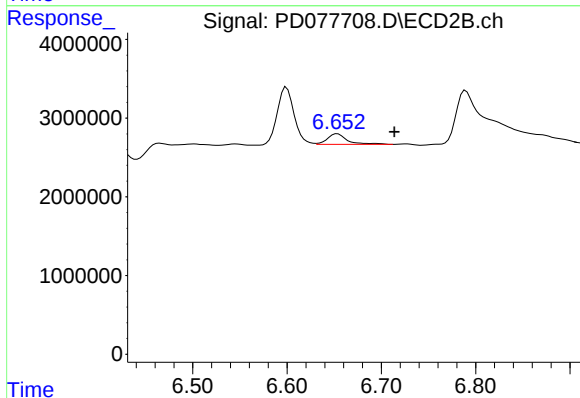
R.T.: 6.599 min  
Delta R.T.: 0.012 min  
Response: 8803639  
Conc: 228.12 ng/ml



#26 Toxaphene-5

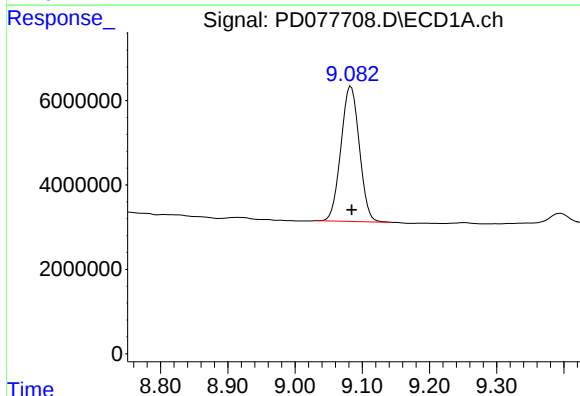
R.T.: 7.595 min  
Delta R.T.: 0.009 min  
Response: 3199235  
Conc: 61.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



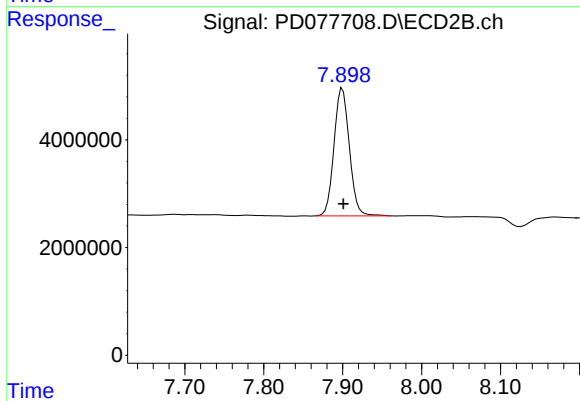
#26 Toxaphene-5

R.T.: 6.653 min  
Delta R.T.: -0.060 min  
Response: 1949705  
Conc: 35.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.001 min  
Response: 60727747  
Conc: 19.44 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.001 min  
Response: 32045400  
Conc: 19.79 ng/ml