

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092320\  
 Data File : PD059300.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2020 15:13  
 Operator : DD\AJ  
 Sample : L1955-01  
 Misc : PEST MDL 1 PPB  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 01:19:05 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092320CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:19:45 2020  
 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

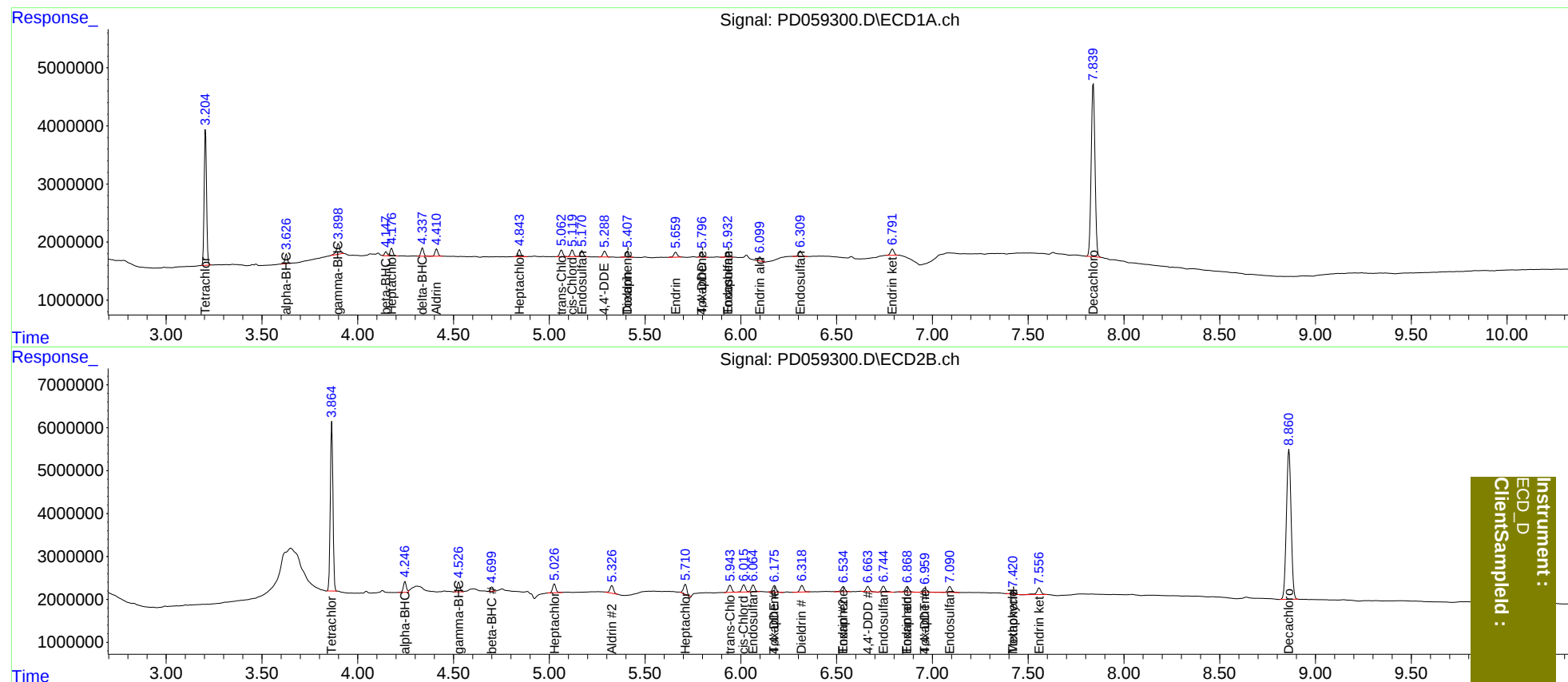
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.206 | 3.865 | 20294515 | 37750797 | 21.047  | 21.112    |
| 27)                         | SA Decachlor... | 7.840 | 8.861 | 41009991 | 59841134 | 40.181  | 40.590    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.628 | 4.247 | 1464947  | 2732997  | 1.021   | 1.072     |
| 3)                          | MA gamma-BHC... | 3.899 | 4.527 | 2270385  | 2340652  | 1.621   | 1.001 #   |
| 4)                          | MA Heptachlor   | 4.177 | 5.027 | 1339908  | 2456937  | 1.087   | 1.090     |
| 5)                          | MB Aldrin       | 4.412 | 5.327 | 1311390  | 2238405  | 1.050   | 1.052     |
| 6)                          | B beta-BHC      | 4.148 | 4.700 | 694222   | 1005538  | 1.165   | 0.962     |
| 7)                          | B delta-BHC     | 4.338 | 0.000 | 1402969  | 0        | 1.026   | N.D. #    |
| 8)                          | B Heptachlo...  | 4.845 | 5.711 | 1296562  | 2543696  | 1.127   | 1.279     |
| 9)                          | A Endosulfan I  | 5.171 | 6.065 | 1137232  | 2009293  | 1.042   | 1.101     |
| 10)                         | B trans-Chl...  | 5.064 | 5.944 | 1302997  | 2115316  | 1.121   | 1.065     |
| 11)                         | B cis-Chlor...  | 5.120 | 6.016 | 1258935  | 2170123  | 1.079   | 1.088     |
| 12)                         | B 4,4'-DDE      | 5.289 | 6.176 | 1176687  | 1964146  | 1.025   | 1.040     |
| 13)                         | MA Dieldrin     | 5.409 | 6.319 | 1195051  | 2001413  | 1.001   | 1.002     |
| 14)                         | MA Endrin       | 5.660 | 6.535 | 1076270  | 1659628  | 1.213   | 1.114     |
| 15)                         | B Endosulfa...  | 5.933 | 6.746 | 1053291  | 1810272  | 1.035   | 1.080     |
| 16)                         | A 4,4'-DDD      | 5.797 | 6.664 | 972084   | 1463936  | 1.080   | 0.936     |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.961 | 0        | 1377381  | N.D.    | 0.887     |
| 18)                         | B Endrin al...  | 6.100 | 6.869 | 754540   | 1697428  | 0.897   | 1.175 #   |
| 19)                         | B Endosulfa...  | 6.311 | 7.092 | 1174148  | 2056815  | 1.155   | 1.196     |
| 20)                         | A Methoxychlor  | 0.000 | 7.422 | 0        | 726590   | N.D.    | 0.883     |
| 21)                         | B Endrin ke...  | 6.792 | 7.558 | 1364054  | 2583886  | 1.228   | 1.494     |
| 22)                         | Toxaphene-1     | 5.409 | 6.176 | 1195051  | 1964146  | 192.670 | 206.414   |
| 23)                         | Toxaphene-2     | 0.000 | 6.535 | 0        | 1659628  | N.D.    | 127.235   |
| 24)                         | Toxaphene-3     | 5.797 | 6.869 | 972084   | 1697428  | 178.509 | 112.889 # |
| 25)                         | Toxaphene-4     | 5.933 | 6.961 | 1053291  | 1377381  | 58.495  | 30.466 #  |
| 26)                         | Toxaphene-5     | 0.000 | 7.422 | 0        | 726590   | N.D.    | 33.483    |
| -----                       |                 |       |       |          |          |         |           |

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

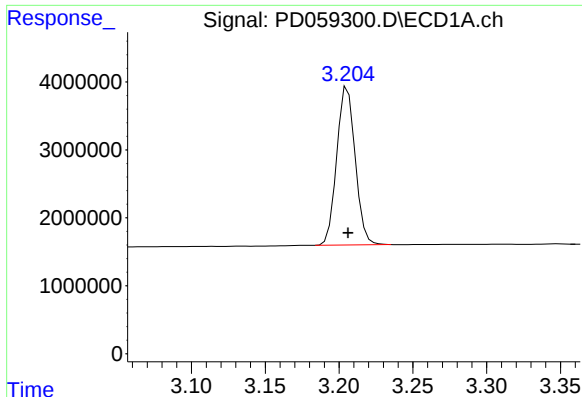
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092320\  
Data File : PD059300.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2020 15:13  
Operator : DD\AJ  
Sample : L1955-01  
Misc : PEST MDL 1 PPB  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 01:19:05 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092320CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:19:45 2020  
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



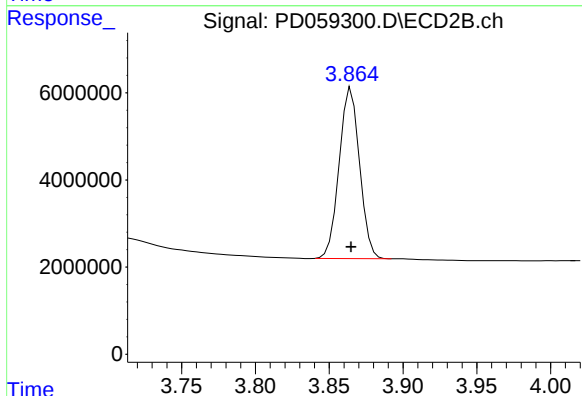
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

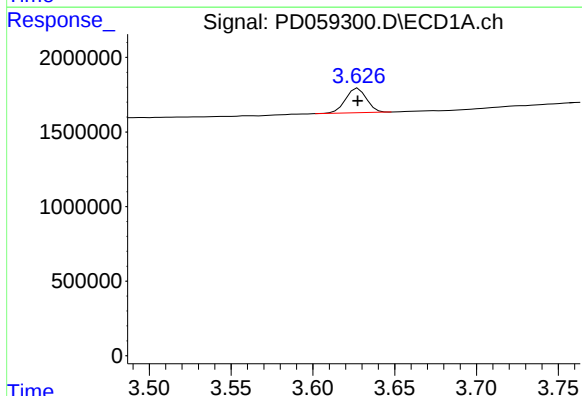
R.T.: 3.206 min  
Delta R.T.: 0.000 min  
Response: 20294515  
Conc: 21.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



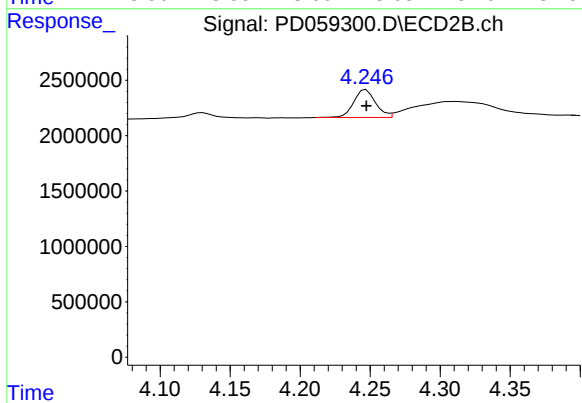
#1 Tetrachloro-m-xylene

R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 37750797  
Conc: 21.11 ng/ml



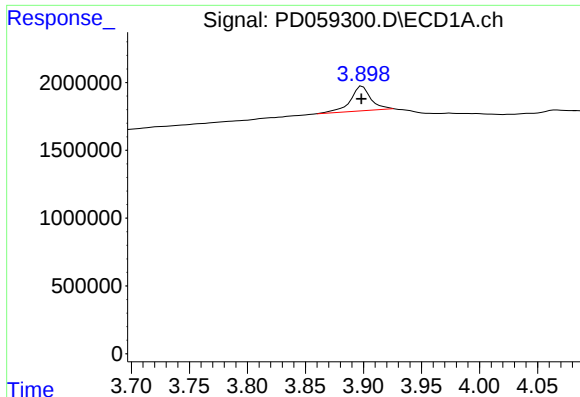
#2 alpha-BHC

R.T.: 3.628 min  
Delta R.T.: 0.000 min  
Response: 1464947  
Conc: 1.02 ng/ml



#2 alpha-BHC

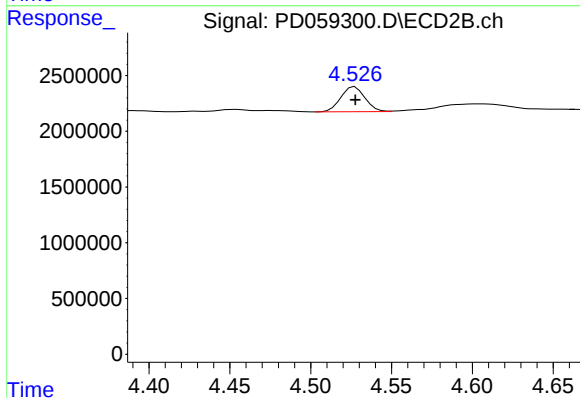
R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 2732997  
Conc: 1.07 ng/ml



#3 gamma-BHC (Lindane)

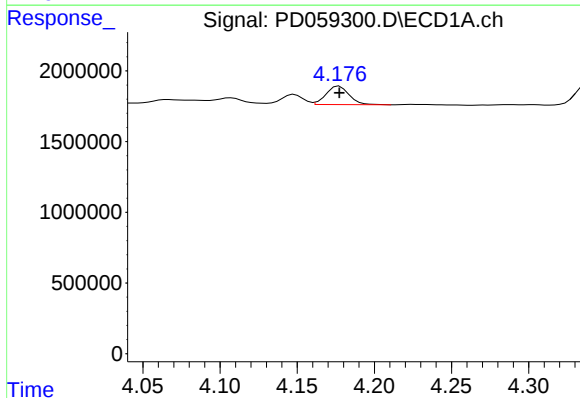
R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 2270385  
Conc: 1.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



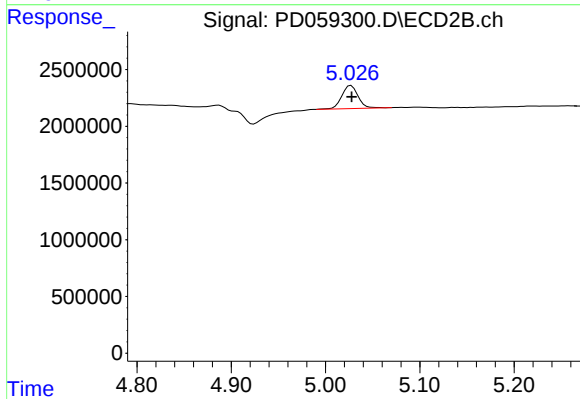
#3 gamma-BHC (Lindane)

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 2340652  
Conc: 1.00 ng/ml



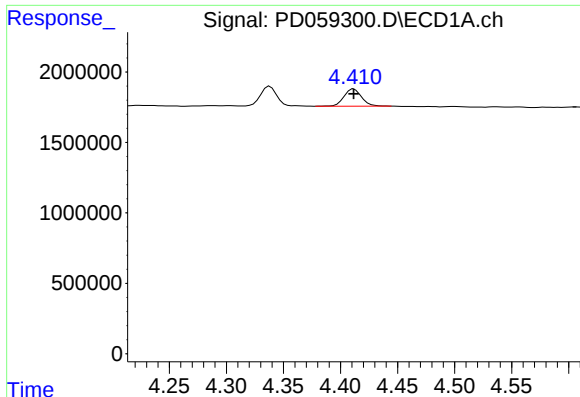
#4 Heptachlor

R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 1339908  
Conc: 1.09 ng/ml



#4 Heptachlor

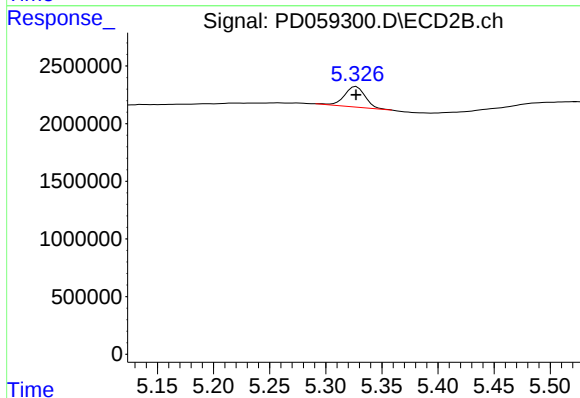
R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 2456937  
Conc: 1.09 ng/ml



#5 Aldrin

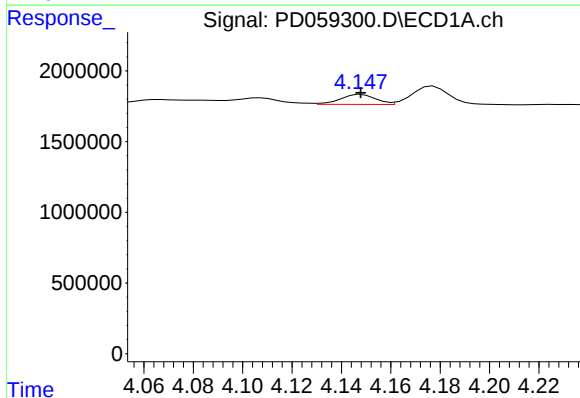
R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 1311390  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



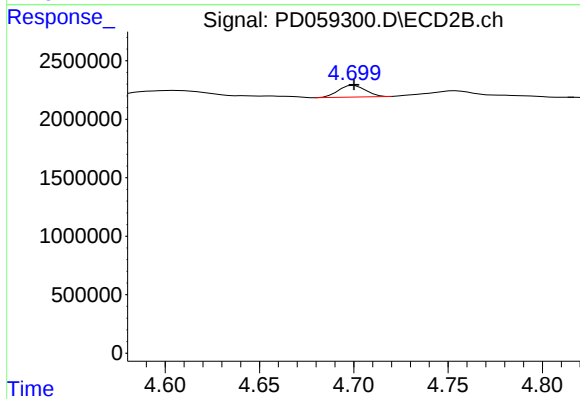
#5 Aldrin

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 2238405  
Conc: 1.05 ng/ml



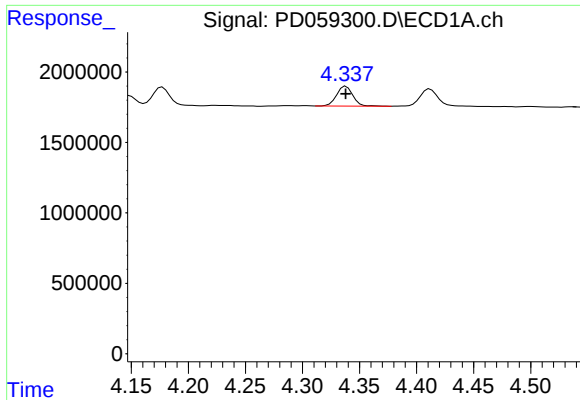
#6 beta-BHC

R.T.: 4.148 min  
Delta R.T.: 0.000 min  
Response: 694222  
Conc: 1.17 ng/ml



#6 beta-BHC

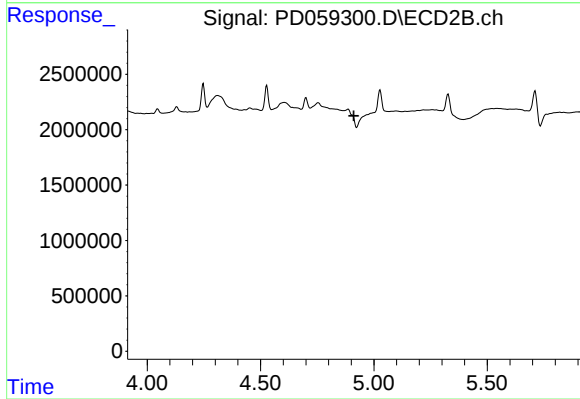
R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 1005538  
Conc: 0.96 ng/ml



#7 delta-BHC

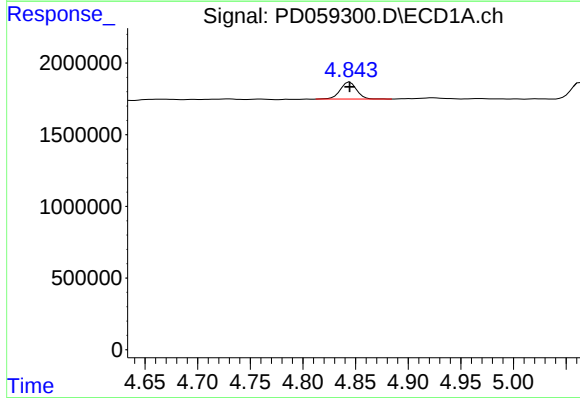
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 1402969  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



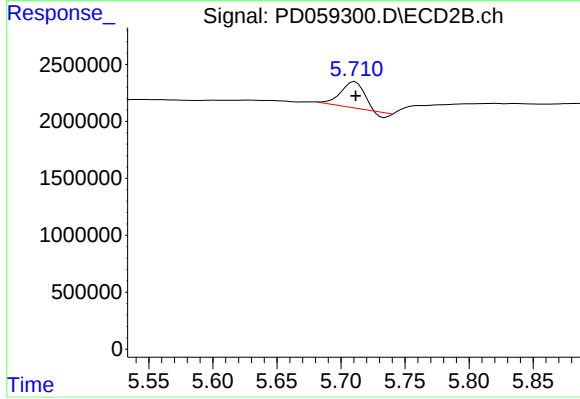
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.911 min  
Response: 0  
Conc: N.D.



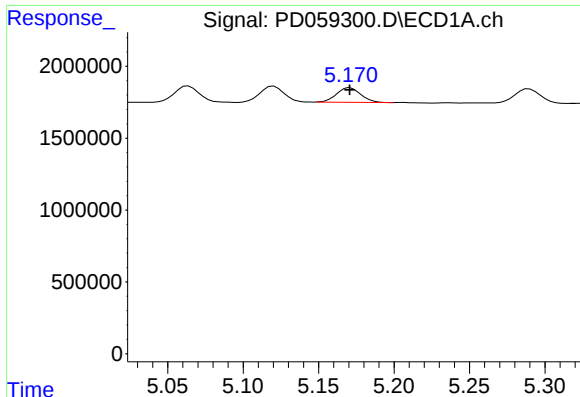
#8 Heptachlor epoxide

R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 1296562  
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

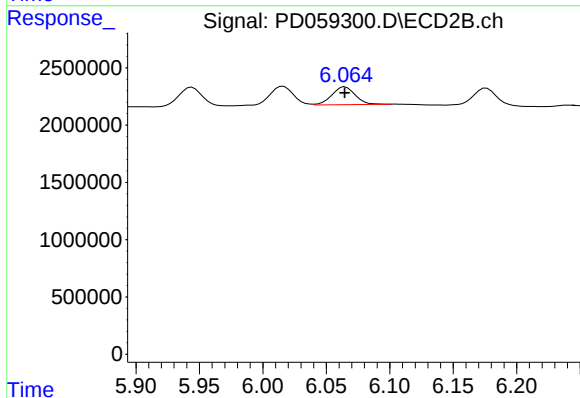
R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 2543696  
Conc: 1.28 ng/ml



#9 Endosulfan I

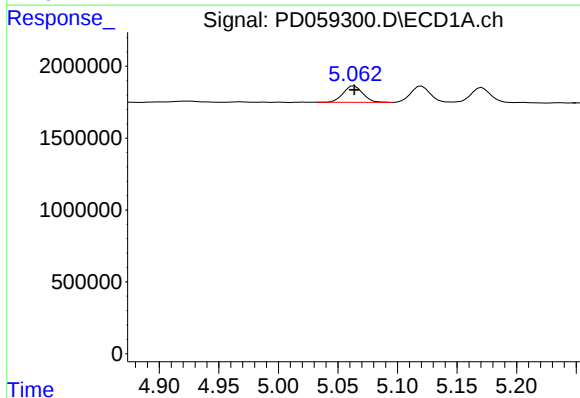
R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 1137232  
Conc: 1.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



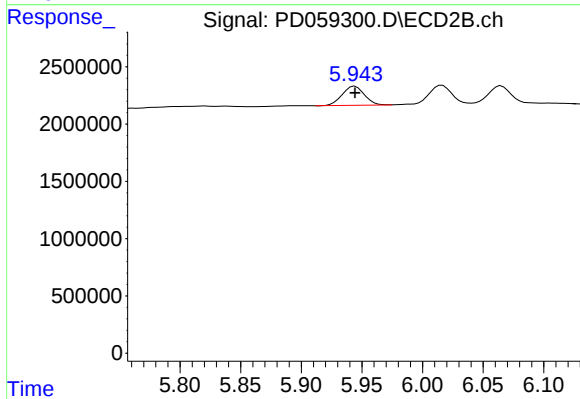
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 2009293  
Conc: 1.10 ng/ml



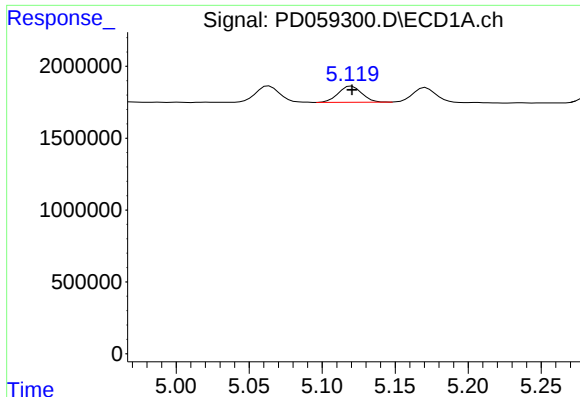
#10 trans-Chlordane

R.T.: 5.064 min  
Delta R.T.: 0.000 min  
Response: 1302997  
Conc: 1.12 ng/ml



#10 trans-Chlordane

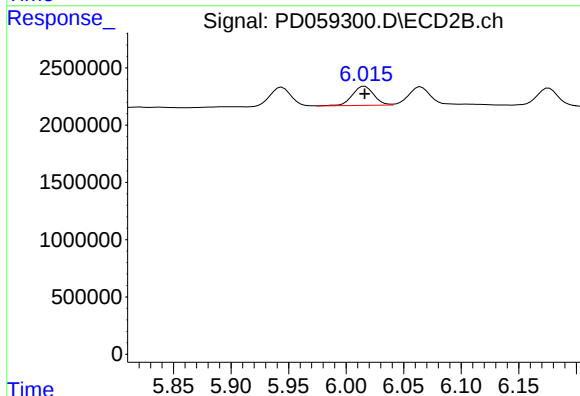
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 2115316  
Conc: 1.06 ng/ml



#11 cis-Chlordane

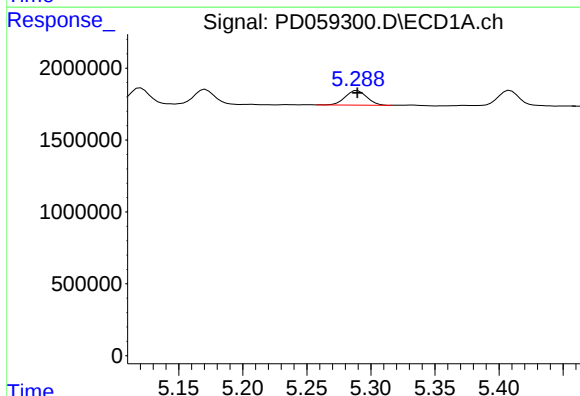
R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 1258935  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



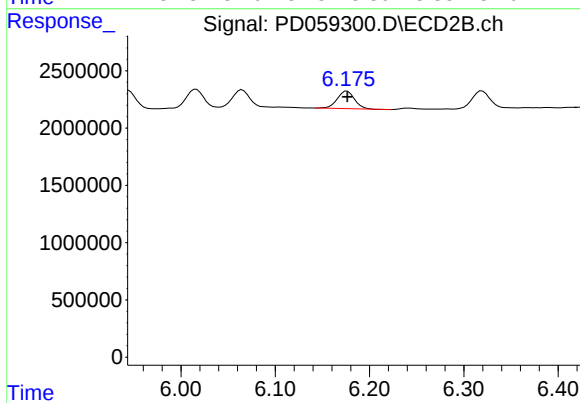
#11 cis-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 2170123  
Conc: 1.09 ng/ml



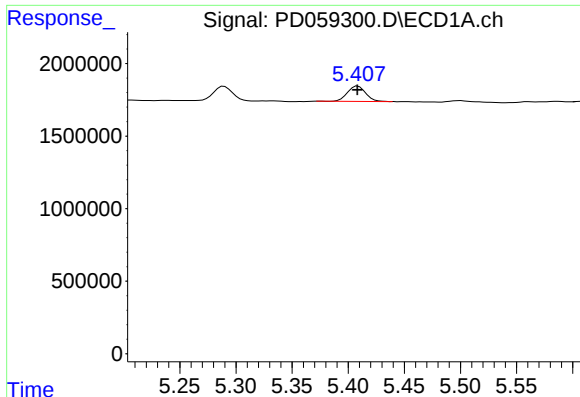
#12 4,4'-DDE

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 1176687  
Conc: 1.02 ng/ml



#12 4,4'-DDE

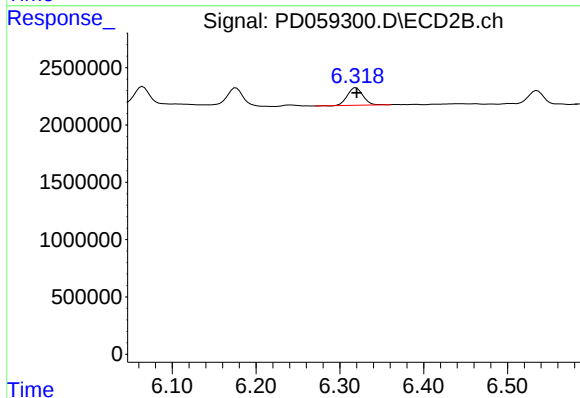
R.T.: 6.176 min  
Delta R.T.: 0.000 min  
Response: 1964146  
Conc: 1.04 ng/ml



#13 Dieldrin

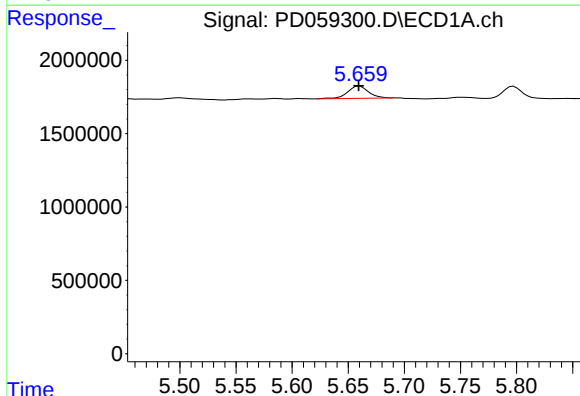
R.T.: 5.409 min  
Delta R.T.: 0.000 min  
Response: 1195051  
Conc: 1.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



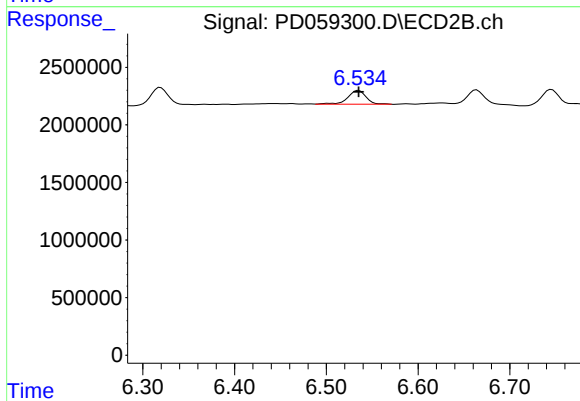
#13 Dieldrin

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 2001413  
Conc: 1.00 ng/ml



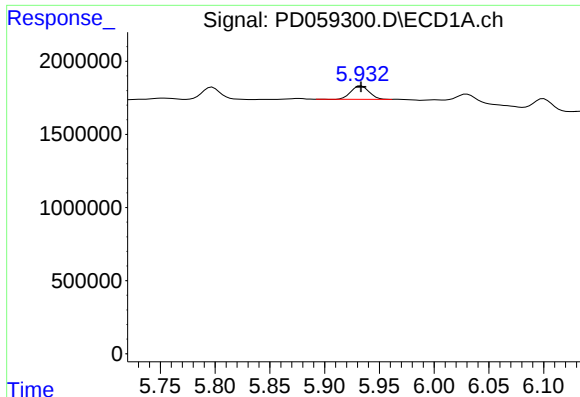
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 1076270  
Conc: 1.21 ng/ml



#14 Endrin

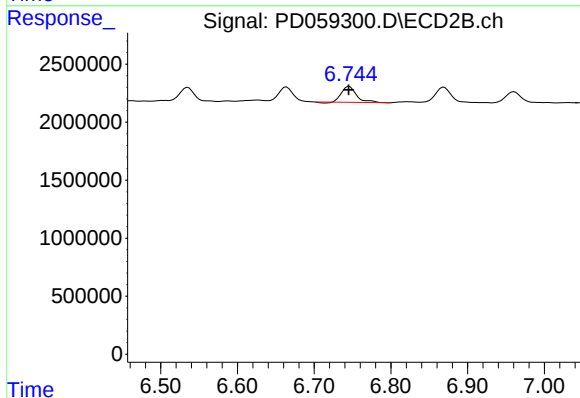
R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 1659628  
Conc: 1.11 ng/ml



#15 Endosulfan II

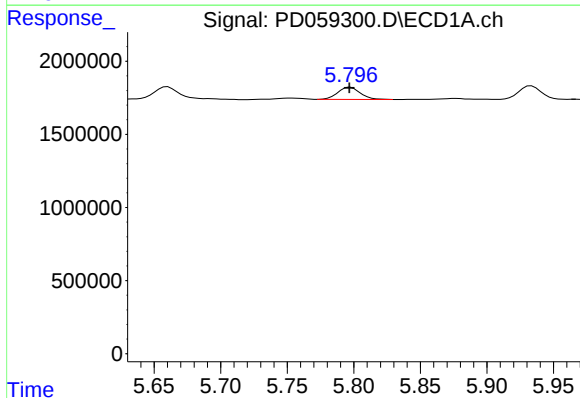
R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 1053291  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



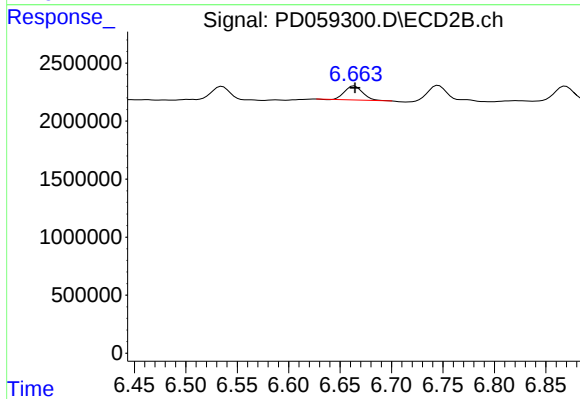
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 1810272  
Conc: 1.08 ng/ml



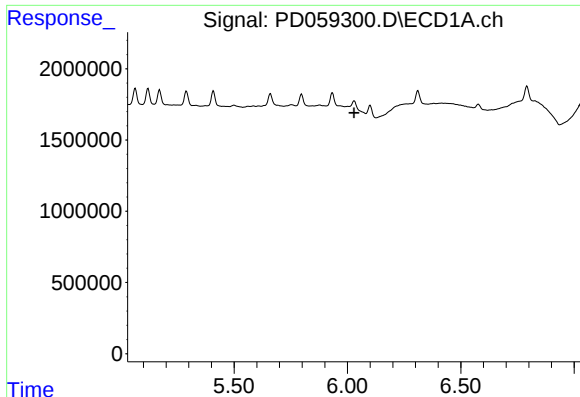
#16 4,4'-DDD

R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 972084  
Conc: 1.08 ng/ml



#16 4,4'-DDD

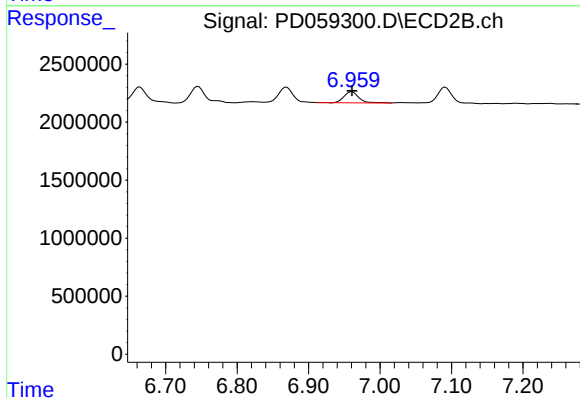
R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 1463936  
Conc: 0.94 ng/ml



#17 4,4'-DDT

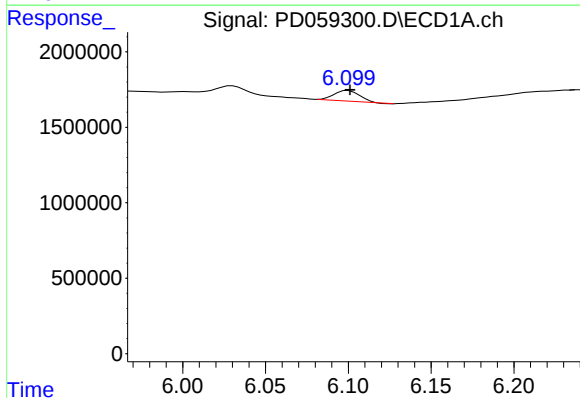
R.T.: 0.000 min  
Exp R.T.: 6.030 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



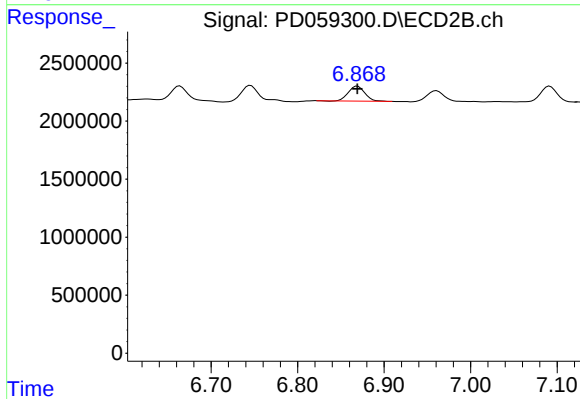
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 1377381  
Conc: 0.89 ng/ml



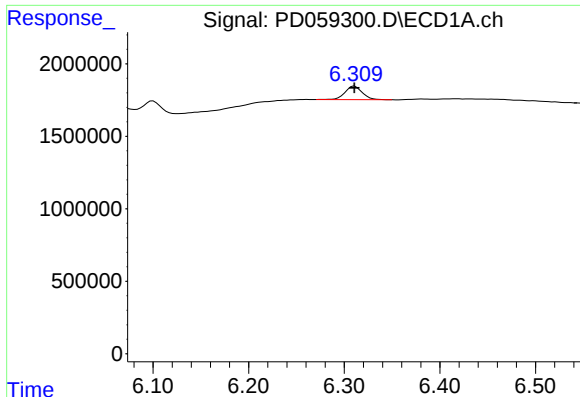
#18 Endrin aldehyde

R.T.: 6.100 min  
Delta R.T.: -0.001 min  
Response: 754540  
Conc: 0.90 ng/ml



#18 Endrin aldehyde

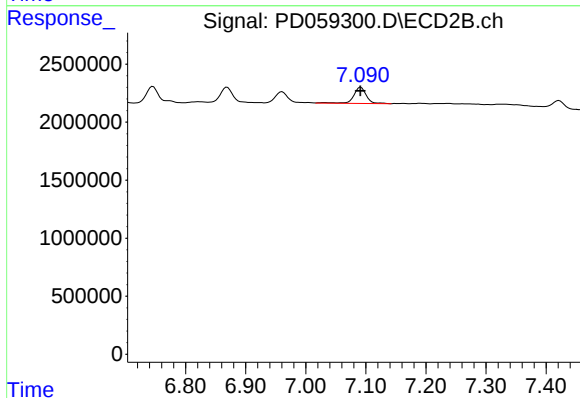
R.T.: 6.869 min  
Delta R.T.: 0.000 min  
Response: 1697428  
Conc: 1.17 ng/ml



#19 Endosulfan Sulfate

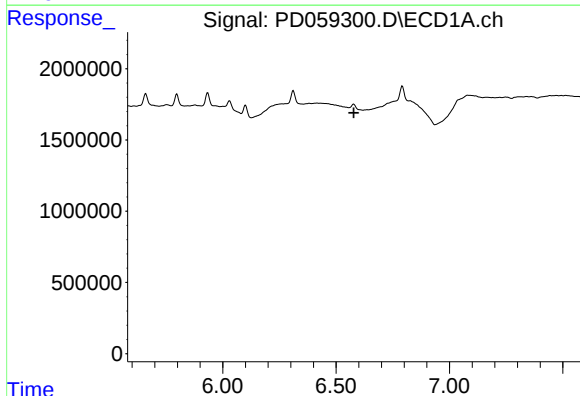
R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 1174148  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



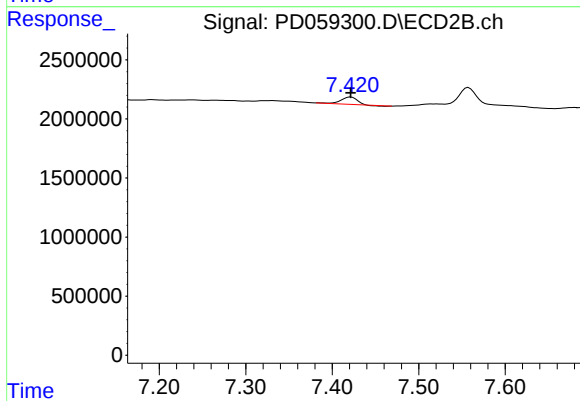
#19 Endosulfan Sulfate

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 2056815  
Conc: 1.20 ng/ml



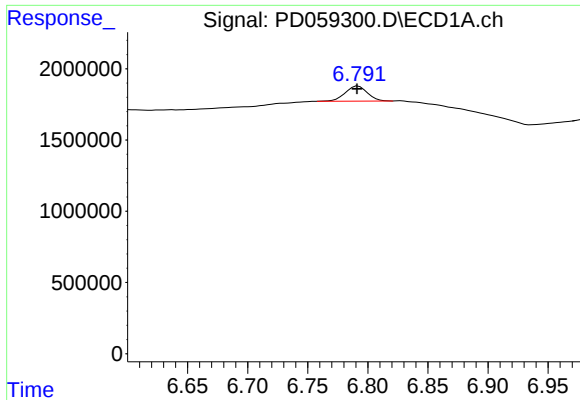
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.579 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

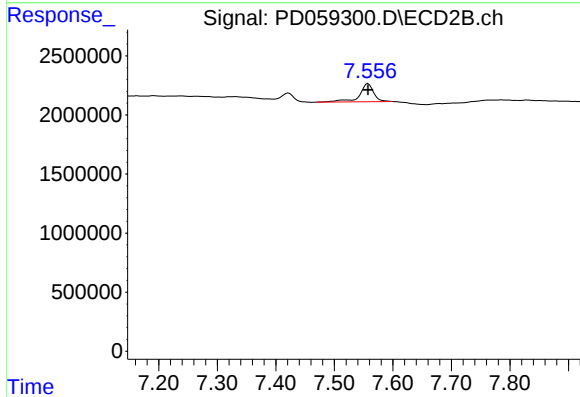
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 726590  
Conc: 0.88 ng/ml



#21 Endrin ketone

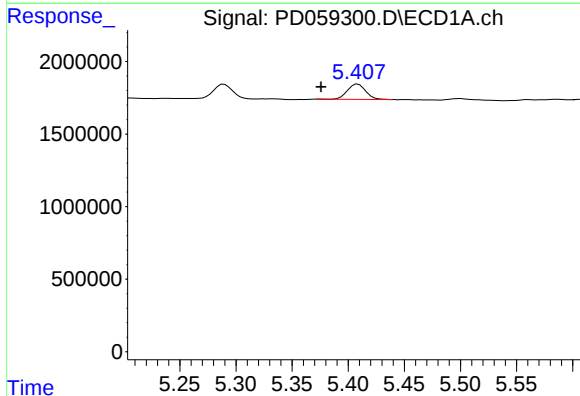
R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 1364054  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



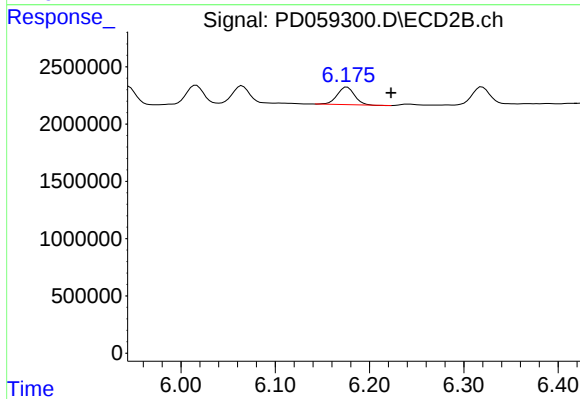
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.000 min  
Response: 2583886  
Conc: 1.49 ng/ml



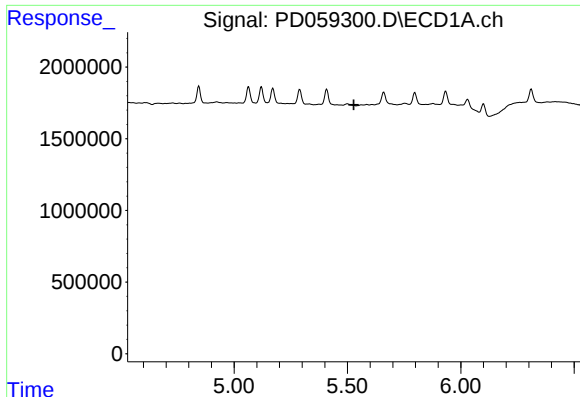
#22 Toxaphene-1

R.T.: 5.409 min  
Delta R.T.: 0.033 min  
Response: 1195051  
Conc: 192.67 ng/ml



#22 Toxaphene-1

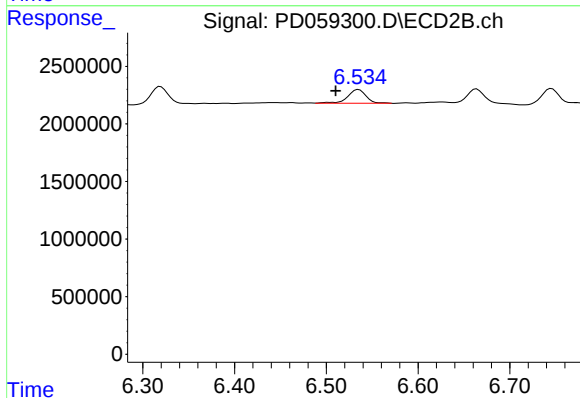
R.T.: 6.176 min  
Delta R.T.: -0.047 min  
Response: 1964146  
Conc: 206.41 ng/ml



#23 Toxaphene-2

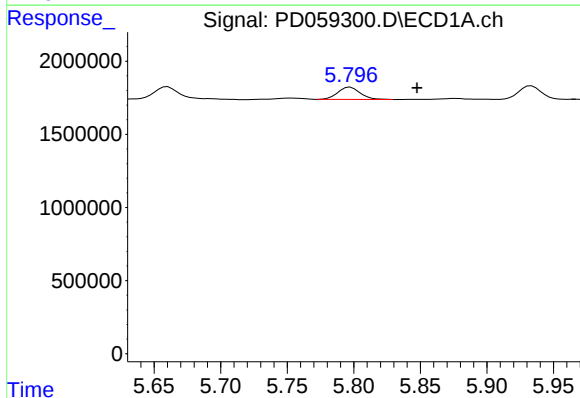
R.T.: 0.000 min  
Exp R.T.: 5.527 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



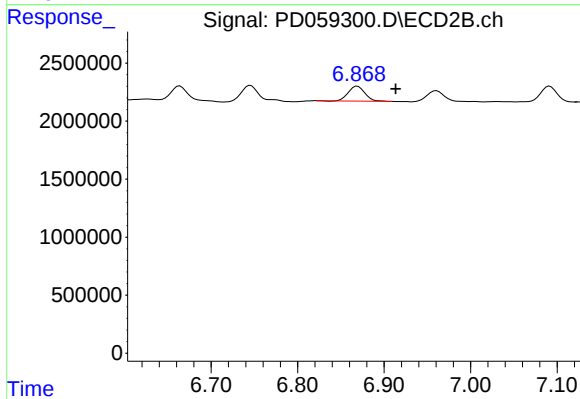
#23 Toxaphene-2

R.T.: 6.535 min  
Delta R.T.: 0.025 min  
Response: 1659628  
Conc: 127.23 ng/ml



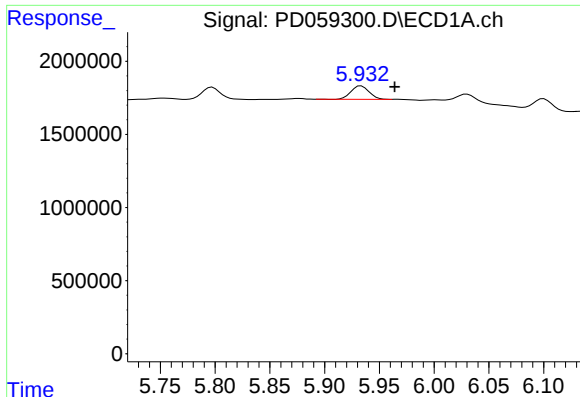
#24 Toxaphene-3

R.T.: 5.797 min  
Delta R.T.: -0.050 min  
Response: 972084  
Conc: 178.51 ng/ml



#24 Toxaphene-3

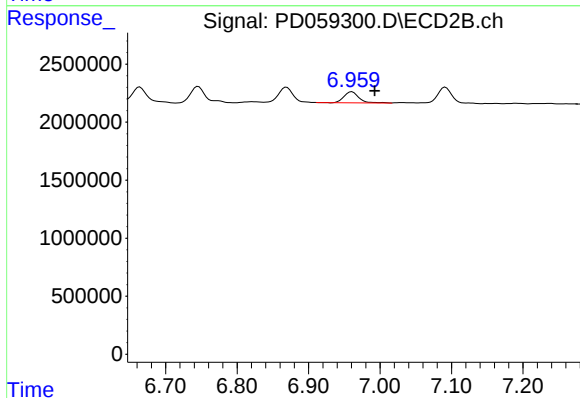
R.T.: 6.869 min  
Delta R.T.: -0.044 min  
Response: 1697428  
Conc: 112.89 ng/ml



#25 Toxaphene-4

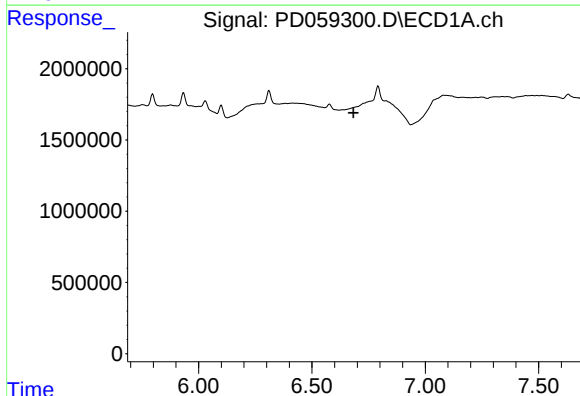
R.T.: 5.933 min  
Delta R.T.: -0.031 min  
Response: 1053291  
Conc: 58.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



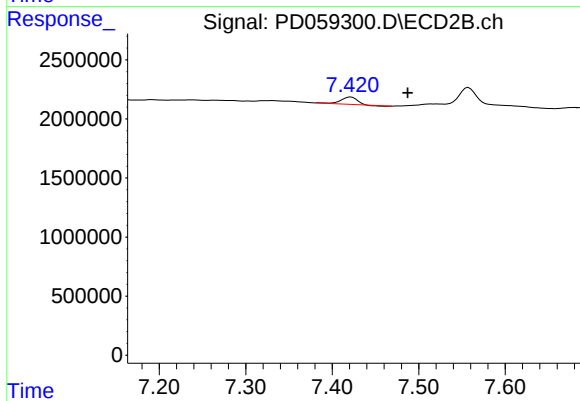
#25 Toxaphene-4

R.T.: 6.961 min  
Delta R.T.: -0.032 min  
Response: 1377381  
Conc: 30.47 ng/ml



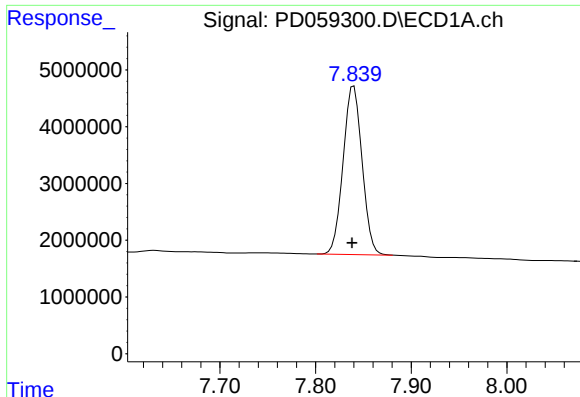
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.684 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

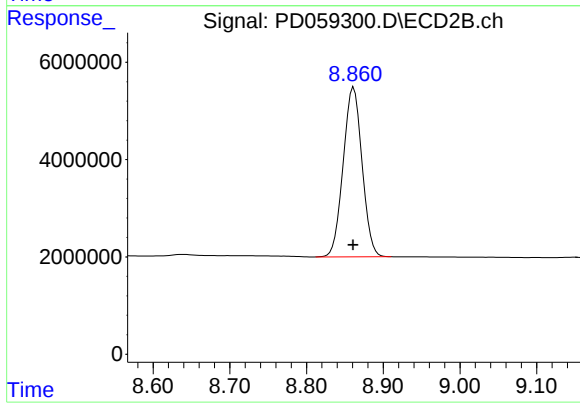
R.T.: 7.422 min  
Delta R.T.: -0.066 min  
Response: 726590  
Conc: 33.48 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.840 min  
Delta R.T.: 0.002 min  
Response: 41009991  
Conc: 40.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.000 min  
Response: 59841134  
Conc: 40.59 ng/ml