

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091120\  
 Data File : PD059170.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Sep 2020 09:43  
 Operator : DD\AJ  
 Sample : MDL-S-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 10:29:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090420CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 05 02:06:36 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

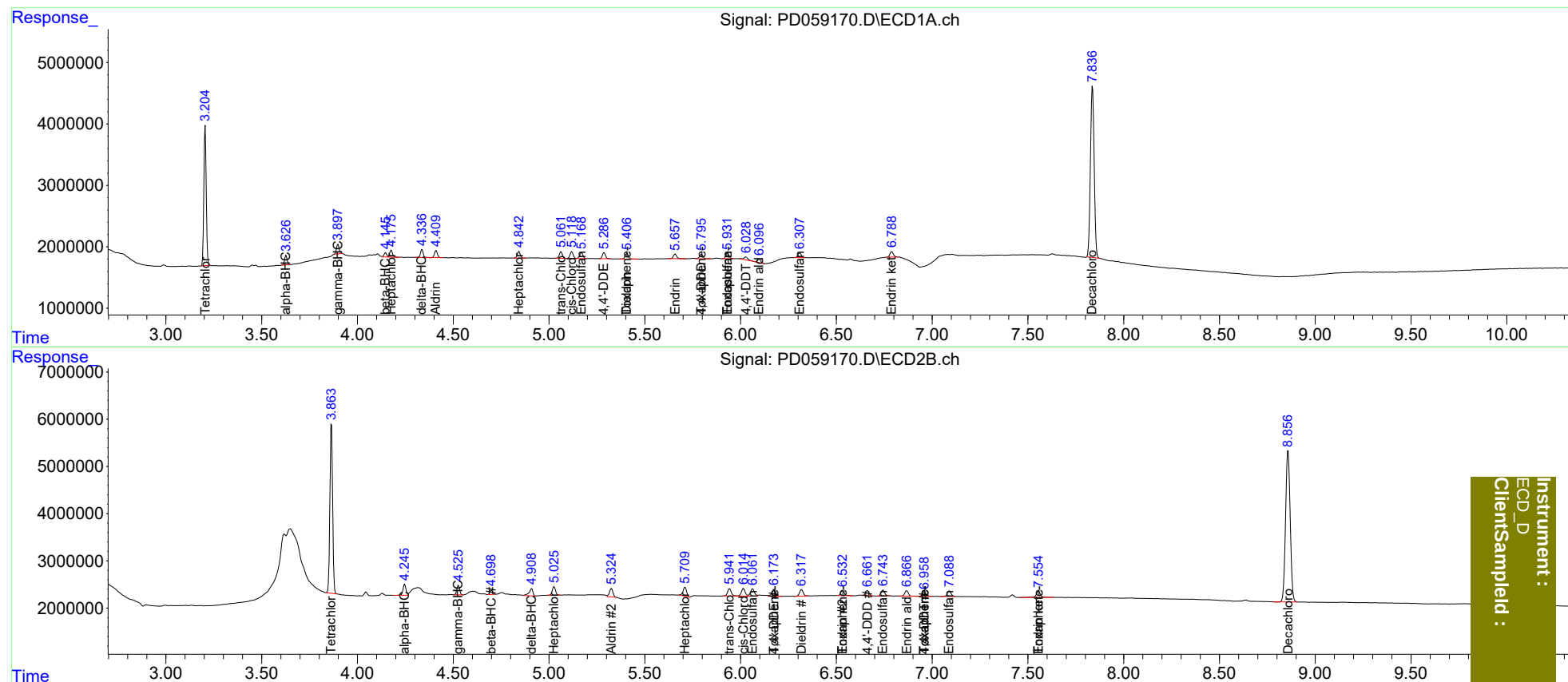
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.205 | 3.864 | 19714357 | 35572333 | 19.558  | 21.707    |
| 27)                         | SA Decachlor... | 7.837 | 8.858 | 37793142 | 53881177 | 38.563  | 40.063    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.627 | 4.246 | 1380969  | 2503297  | 0.880   | 1.031     |
| 3)                          | MA gamma-BHC... | 3.898 | 4.527 | 1567971  | 2106852  | 0.990   | 0.956     |
| 4)                          | MA Heptachlor   | 4.176 | 5.027 | 1170613  | 2085260  | 1.042   | 0.990     |
| 5)                          | MB Aldrin       | 4.410 | 5.326 | 1215977  | 2249048  | 0.934   | 1.090     |
| 6)                          | B beta-BHC      | 4.147 | 4.699 | 671701   | 918581   | 1.095   | 0.964     |
| 7)                          | B delta-BHC     | 4.337 | 4.910 | 1340812  | 2088040  | 0.922   | 1.040     |
| 8)                          | B Heptachlo...  | 4.843 | 5.710 | 1170090  | 2384974  | 1.024   | 1.188     |
| 9)                          | A Endosulfan I  | 5.169 | 6.063 | 1175704  | 2263226  | 1.101   | 1.332     |
| 10)                         | B trans-Chl...  | 5.063 | 5.943 | 1213460  | 2039734  | 1.016   | 1.096     |
| 11)                         | B cis-Chlor...  | 5.119 | 6.015 | 1272489  | 2262750  | 1.066   | 1.201     |
| 12)                         | B 4,4'-DDE      | 5.288 | 6.175 | 1090440  | 2141417  | 0.920   | 1.206 #   |
| 13)                         | MA Dieldrin     | 5.407 | 6.318 | 1091169  | 1846067  | 0.970   | 0.997     |
| 14)                         | MA Endrin       | 5.658 | 6.533 | 946947   | 1465460  | 1.022   | 0.909     |
| 15)                         | B Endosulfa...  | 5.932 | 6.744 | 1036138  | 1631269  | 1.011   | 1.055     |
| 16)                         | A 4,4'-DDD      | 5.796 | 6.662 | 945471   | 1264015  | 1.188   | 0.886 #   |
| 17)                         | MA 4,4'-DDT     | 6.028 | 6.959 | 675969   | 999577   | 0.797   | 0.681     |
| 18)                         | B Endrin al...  | 6.097 | 6.868 | 648128   | 1492218  | 0.823   | 1.111 #   |
| 19)                         | B Endosulfa...  | 6.309 | 7.090 | 930634   | 1679991  | 0.963   | 1.064     |
| 21)                         | B Endrin ke...  | 6.790 | 7.555 | 1137130  | 2055639  | 1.060   | 1.206     |
| 22)                         | Toxaphene-1     | 5.407 | 6.175 | 1091169  | 2141417  | 167.470 | 234.405 # |
| 23)                         | Toxaphene-2     | 5.796 | 6.533 | 945471   | 1465460  | 186.990 | 128.059 # |
| 24)                         | Toxaphene-3     | 5.932 | 6.959 | 1036138  | 999577   | 58.842  | 74.779 #  |
| 25)                         | Toxaphene-4     | 0.000 | 6.959 | 0        | 999577   | N.D.    | 24.011    |
| 26)                         | Toxaphene-5     | 0.000 | 7.555 | 0        | 2055639  | N.D.    | 101.682   |
| -----                       |                 |       |       |          |          |         |           |

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

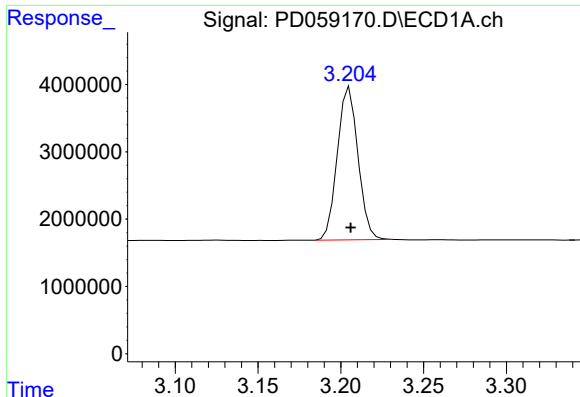
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091120\  
Data File : PD059170.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Sep 2020 09:43  
Operator : DD\AJ  
Sample : MDL-S-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 10:29:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090420CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 05 02:06:36 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



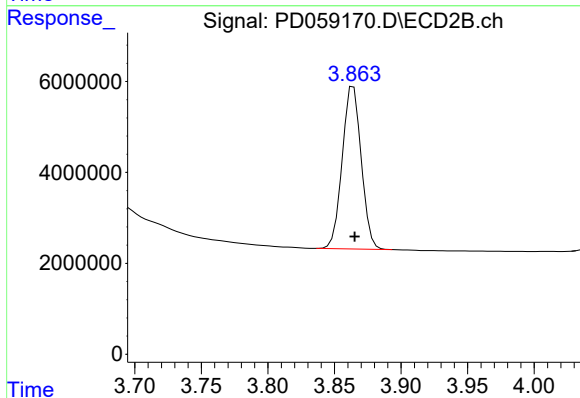
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

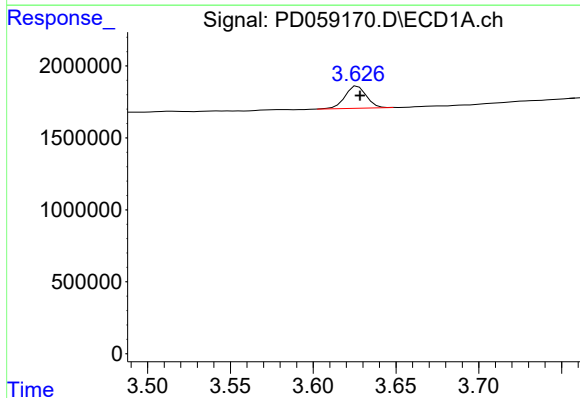
R.T.: 3.205 min  
Delta R.T.: 0.000 min  
Response: 19714357  
Conc: 19.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



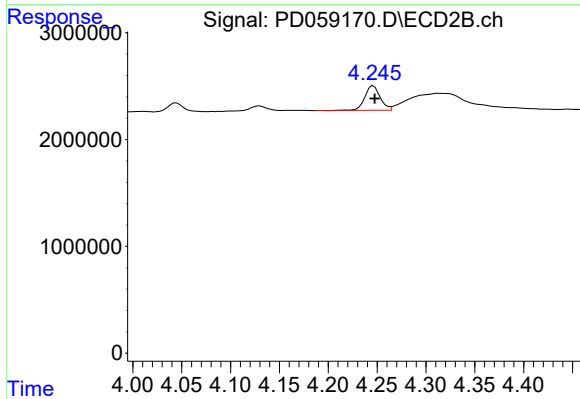
#1 Tetrachloro-m-xylene

R.T.: 3.864 min  
Delta R.T.: -0.001 min  
Response: 35572333  
Conc: 21.71 ng/ml



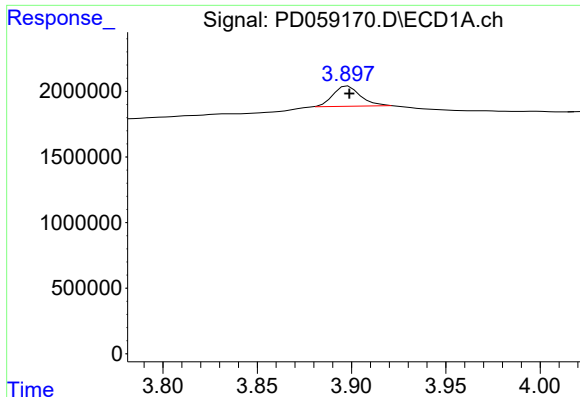
#2 alpha-BHC

R.T.: 3.627 min  
Delta R.T.: -0.001 min  
Response: 1380969  
Conc: 0.88 ng/ml



#2 alpha-BHC

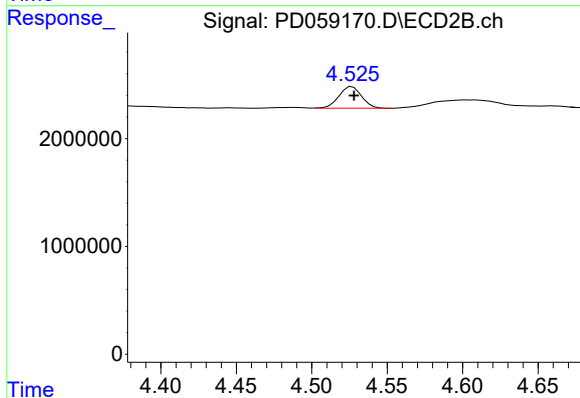
R.T.: 4.246 min  
Delta R.T.: -0.001 min  
Response: 2503297  
Conc: 1.03 ng/ml



#3 gamma-BHC (Lindane)

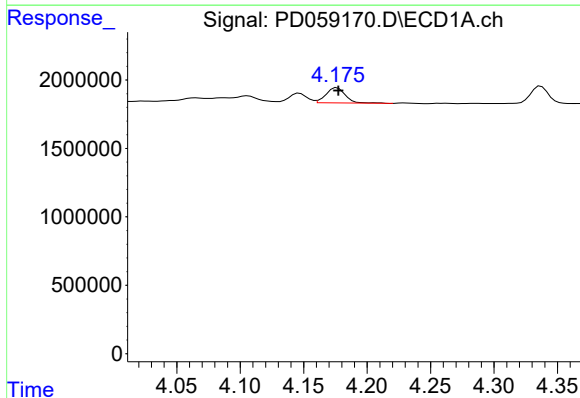
R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 1567971  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



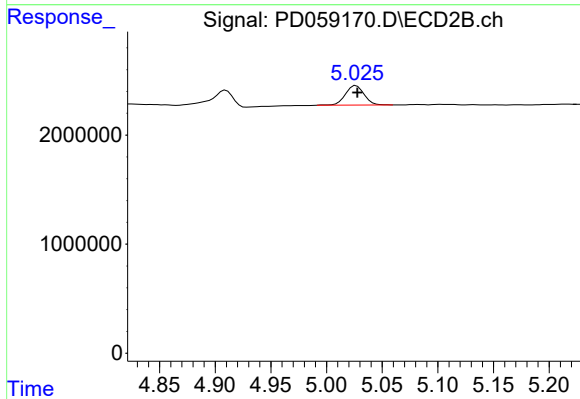
#3 gamma-BHC (Lindane)

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 2106852  
Conc: 0.96 ng/ml



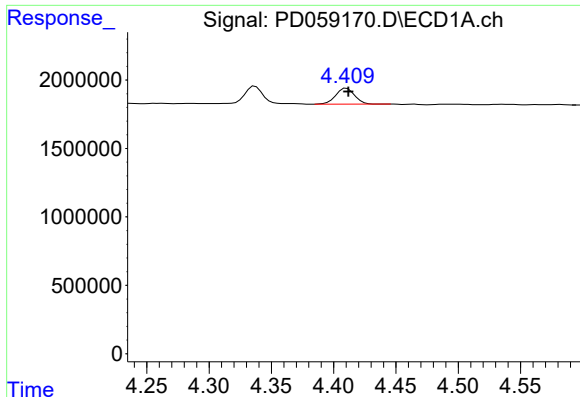
#4 Heptachlor

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 1170613  
Conc: 1.04 ng/ml



#4 Heptachlor

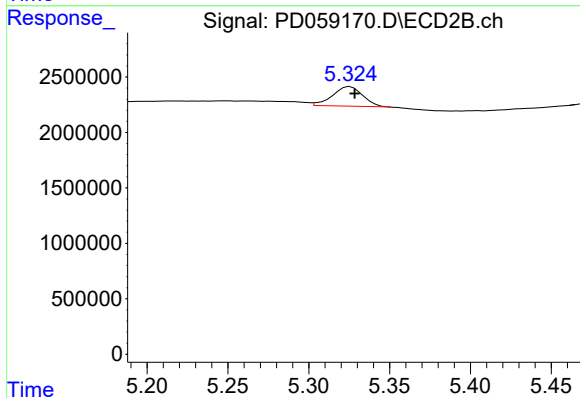
R.T.: 5.027 min  
Delta R.T.: -0.001 min  
Response: 2085260  
Conc: 0.99 ng/ml



#5 Aldrin

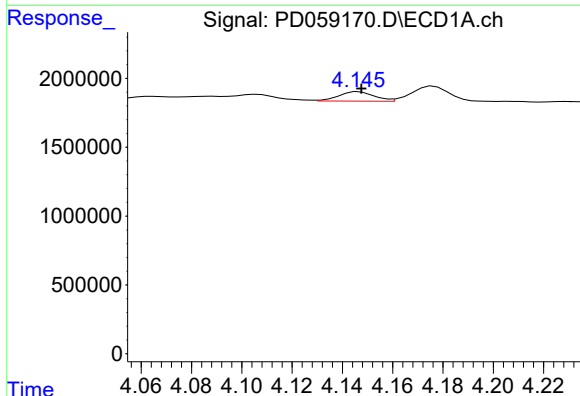
R.T.: 4.410 min  
Delta R.T.: -0.001 min  
Response: 1215977  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



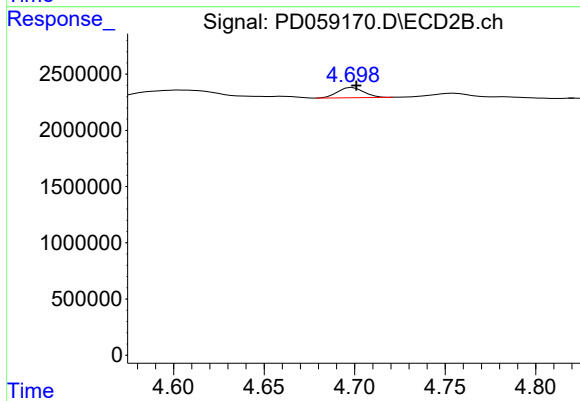
#5 Aldrin

R.T.: 5.326 min  
Delta R.T.: -0.003 min  
Response: 2249048  
Conc: 1.09 ng/ml



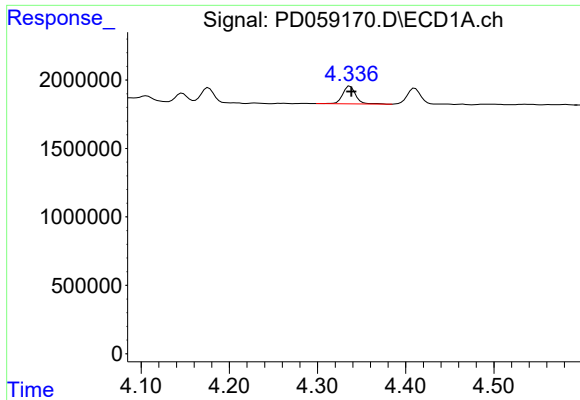
#6 beta-BHC

R.T.: 4.147 min  
Delta R.T.: 0.000 min  
Response: 671701  
Conc: 1.10 ng/ml



#6 beta-BHC

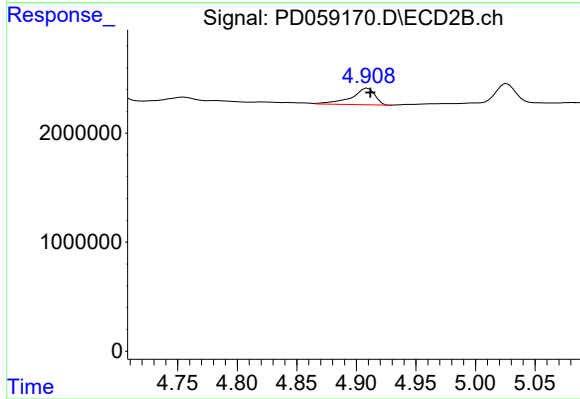
R.T.: 4.699 min  
Delta R.T.: -0.002 min  
Response: 918581  
Conc: 0.96 ng/ml



#7 delta-BHC

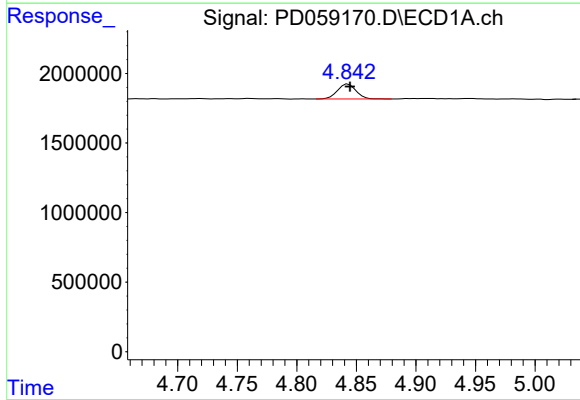
R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 1340812  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



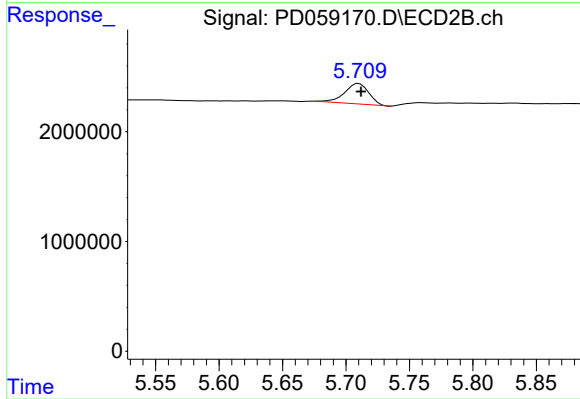
#7 delta-BHC

R.T.: 4.910 min  
Delta R.T.: -0.002 min  
Response: 2088040  
Conc: 1.04 ng/ml



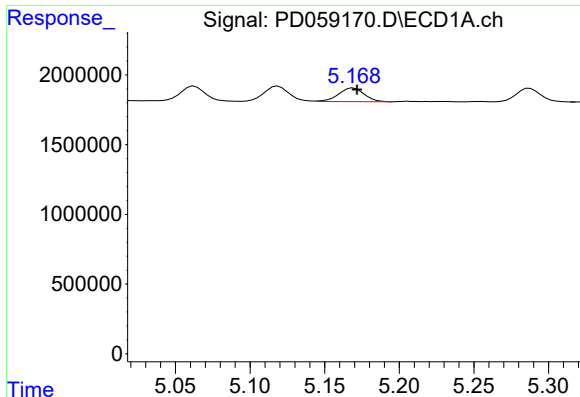
#8 Heptachlor epoxide

R.T.: 4.843 min  
Delta R.T.: -0.002 min  
Response: 1170090  
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

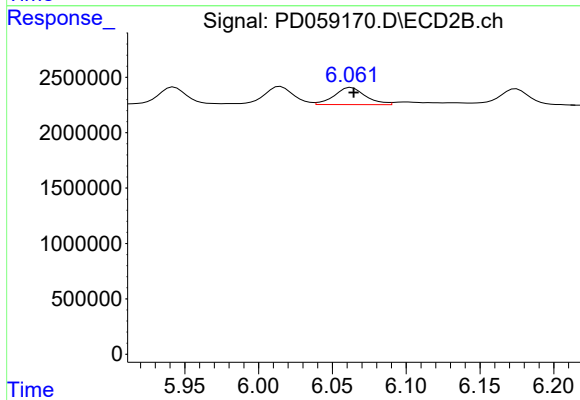
R.T.: 5.710 min  
Delta R.T.: -0.002 min  
Response: 2384974  
Conc: 1.19 ng/ml



#9 Endosulfan I

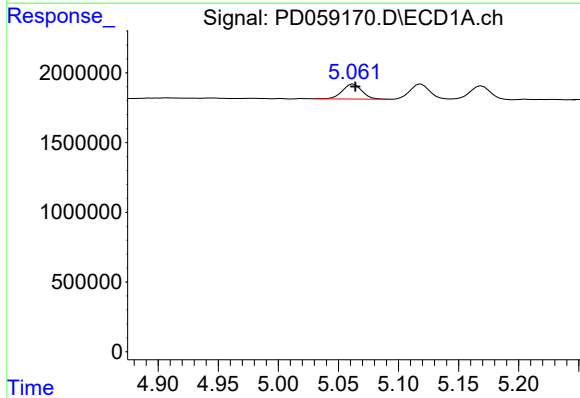
R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 1175704  
Conc: 1.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



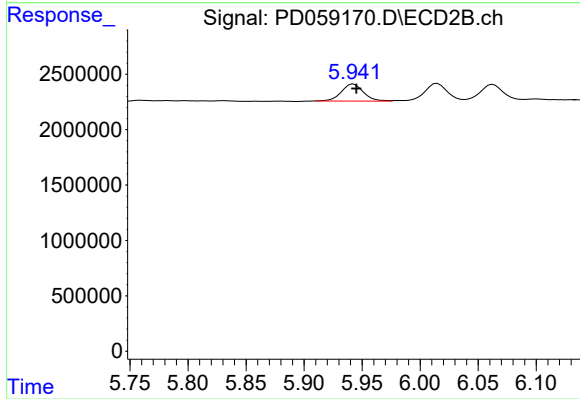
#9 Endosulfan I

R.T.: 6.063 min  
Delta R.T.: -0.002 min  
Response: 2263226  
Conc: 1.33 ng/ml



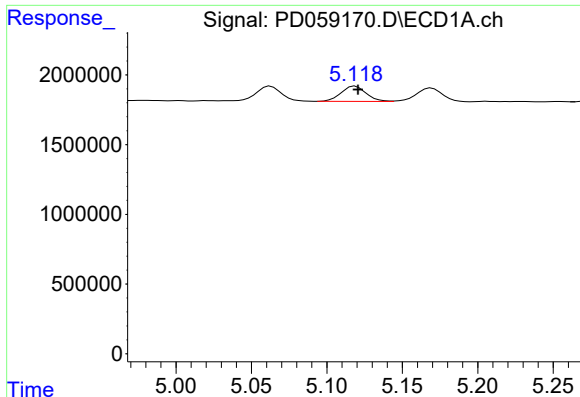
#10 trans-Chlordane

R.T.: 5.063 min  
Delta R.T.: -0.001 min  
Response: 1213460  
Conc: 1.02 ng/ml



#10 trans-Chlordane

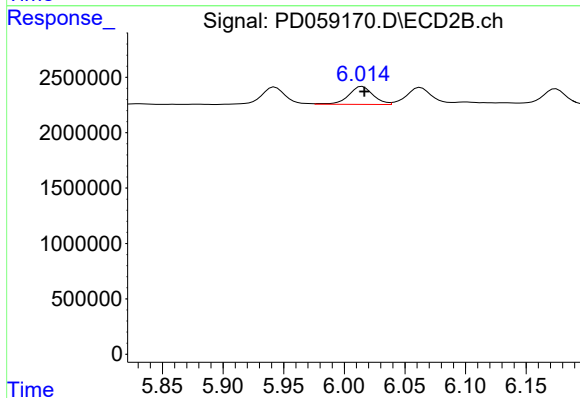
R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 2039734  
Conc: 1.10 ng/ml



#11 cis-Chlordane

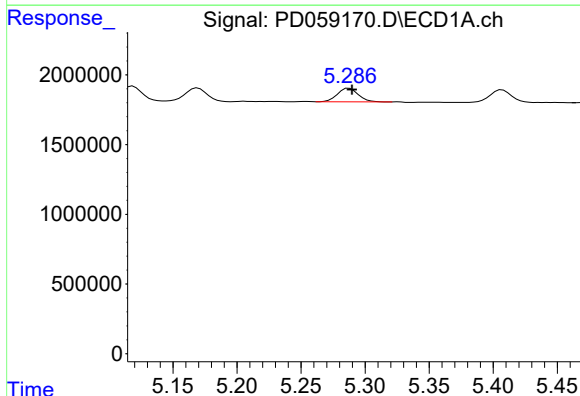
R.T.: 5.119 min  
Delta R.T.: -0.002 min  
Response: 1272489  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



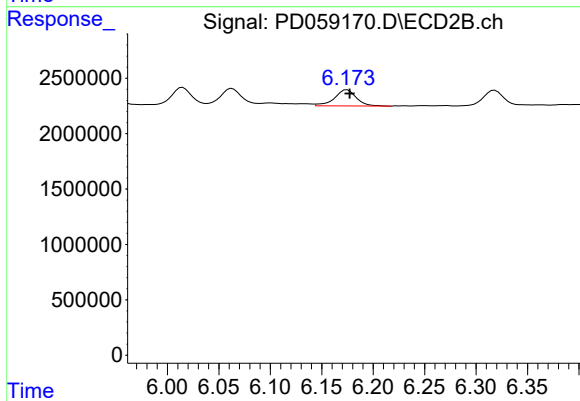
#11 cis-Chlordane

R.T.: 6.015 min  
Delta R.T.: -0.002 min  
Response: 2262750  
Conc: 1.20 ng/ml



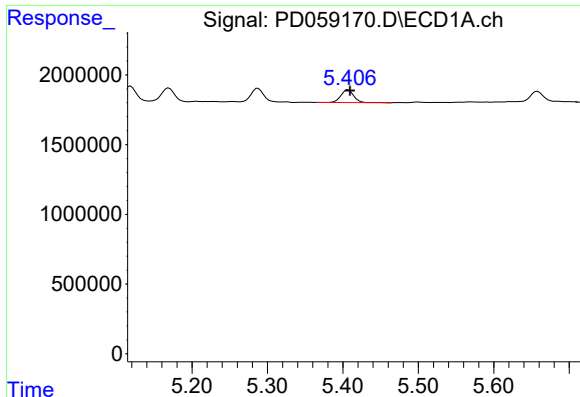
#12 4,4'-DDE

R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 1090440  
Conc: 0.92 ng/ml



#12 4,4'-DDE

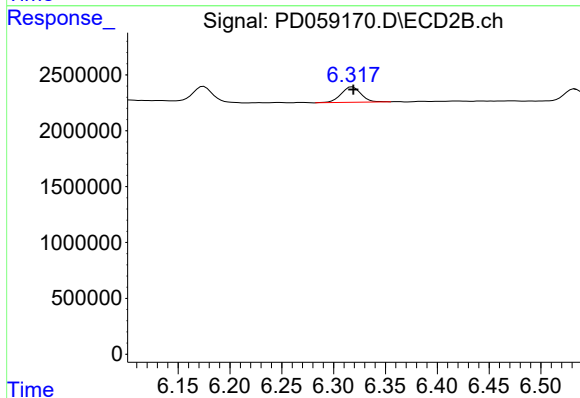
R.T.: 6.175 min  
Delta R.T.: -0.003 min  
Response: 2141417  
Conc: 1.21 ng/ml



#13 Dieldrin

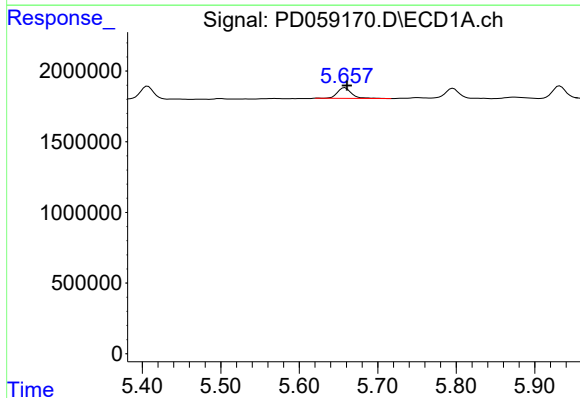
R.T.: 5.407 min  
Delta R.T.: -0.002 min  
Response: 1091169  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



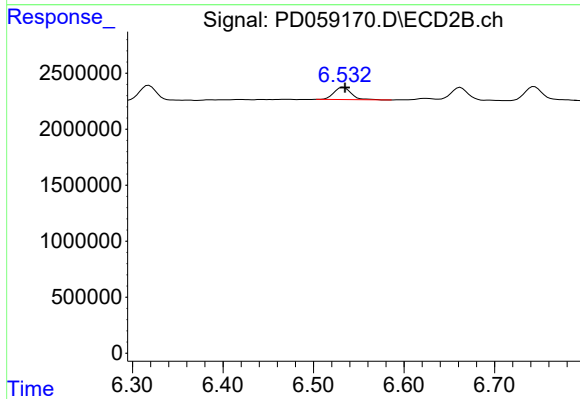
#13 Dieldrin

R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 1846067  
Conc: 1.00 ng/ml



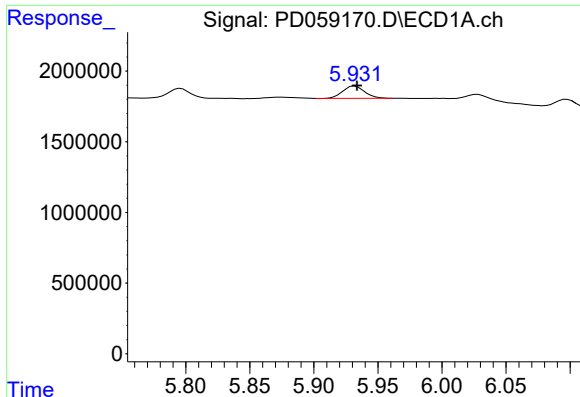
#14 Endrin

R.T.: 5.658 min  
Delta R.T.: -0.002 min  
Response: 946947  
Conc: 1.02 ng/ml



#14 Endrin

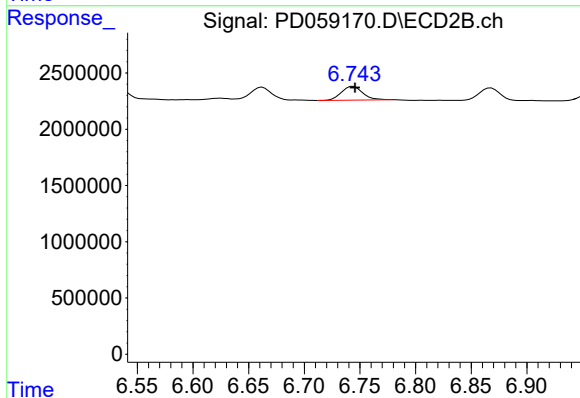
R.T.: 6.533 min  
Delta R.T.: -0.002 min  
Response: 1465460  
Conc: 0.91 ng/ml



#15 Endosulfan II

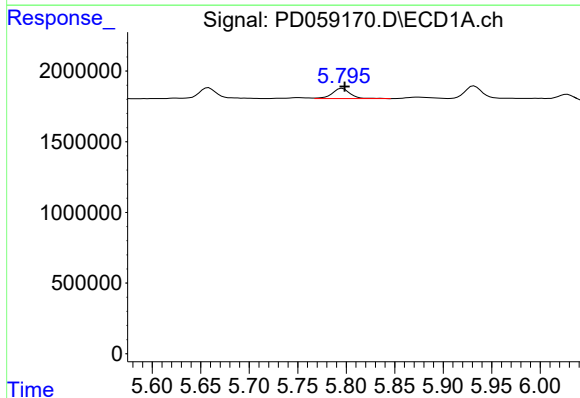
R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 1036138  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



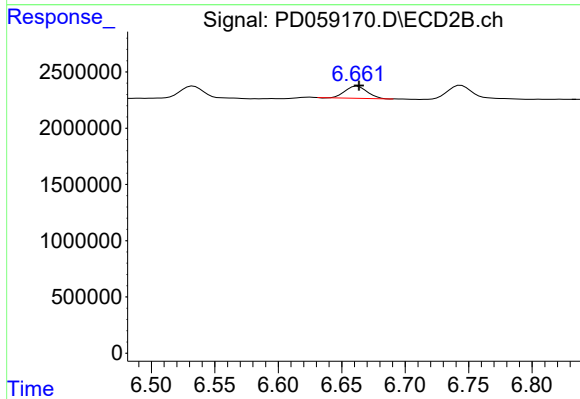
#15 Endosulfan II

R.T.: 6.744 min  
Delta R.T.: -0.002 min  
Response: 1631269  
Conc: 1.06 ng/ml



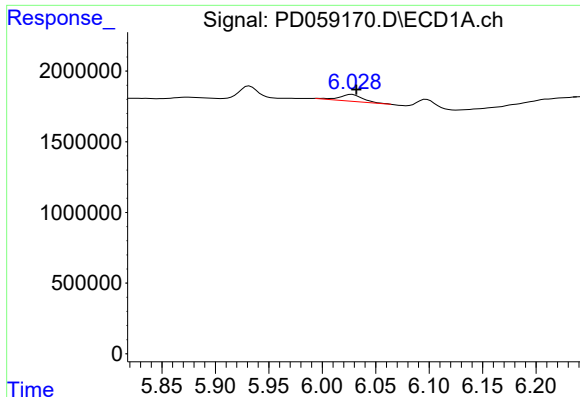
#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 945471  
Conc: 1.19 ng/ml



#16 4,4'-DDD

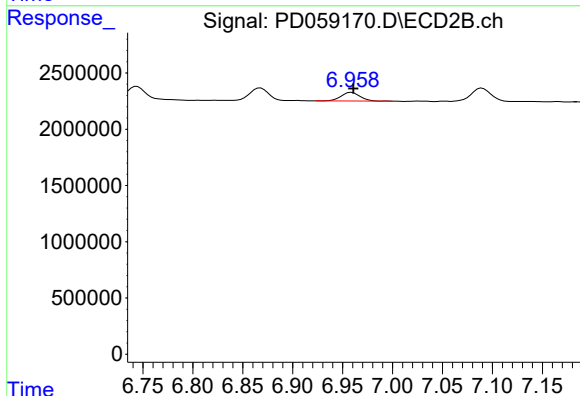
R.T.: 6.662 min  
Delta R.T.: -0.001 min  
Response: 1264015  
Conc: 0.89 ng/ml



#17 4,4'-DDT

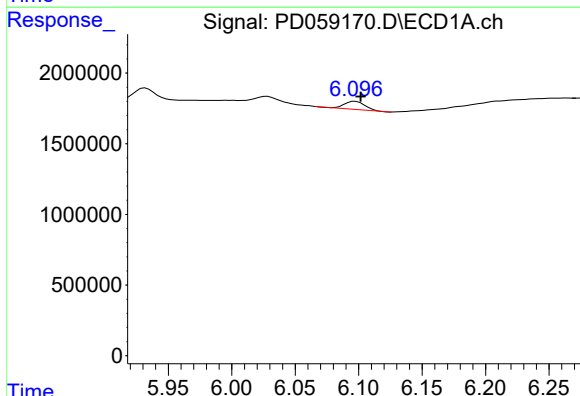
R.T.: 6.028 min  
Delta R.T.: -0.004 min  
Response: 675969  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



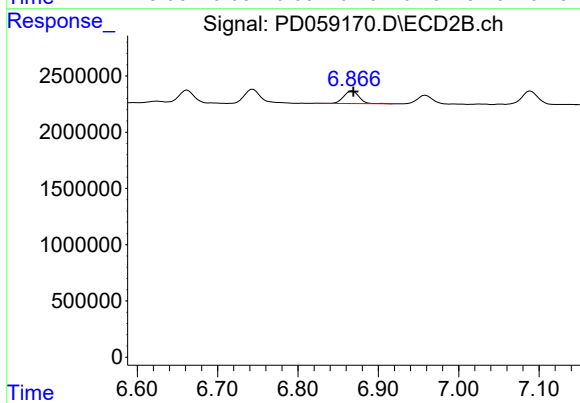
#17 4,4'-DDT

R.T.: 6.959 min  
Delta R.T.: -0.002 min  
Response: 999577  
Conc: 0.68 ng/ml



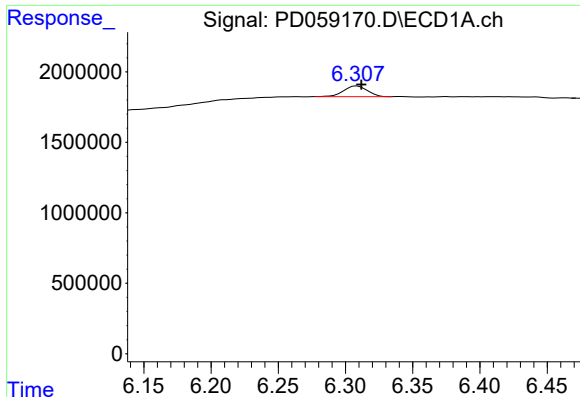
#18 Endrin aldehyde

R.T.: 6.097 min  
Delta R.T.: -0.004 min  
Response: 648128  
Conc: 0.82 ng/ml



#18 Endrin aldehyde

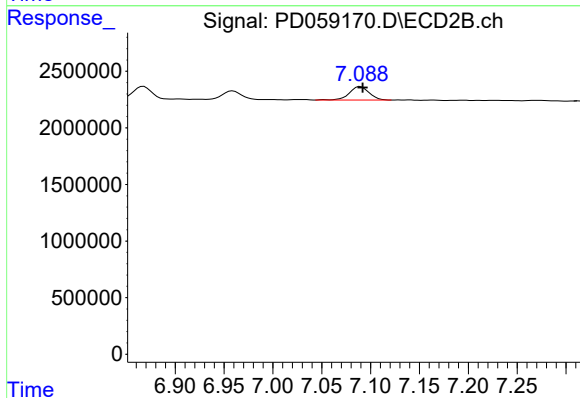
R.T.: 6.868 min  
Delta R.T.: -0.001 min  
Response: 1492218  
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

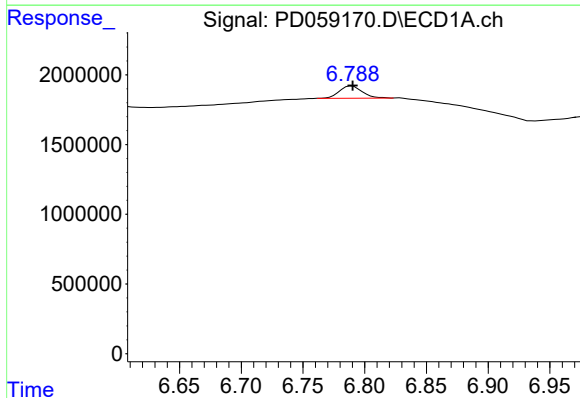
R.T.: 6.309 min  
Delta R.T.: -0.003 min  
Response: 930634  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



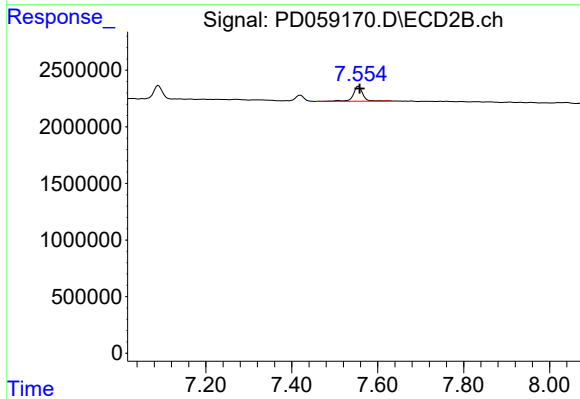
#19 Endosulfan Sulfate

R.T.: 7.090 min  
Delta R.T.: -0.002 min  
Response: 1679991  
Conc: 1.06 ng/ml



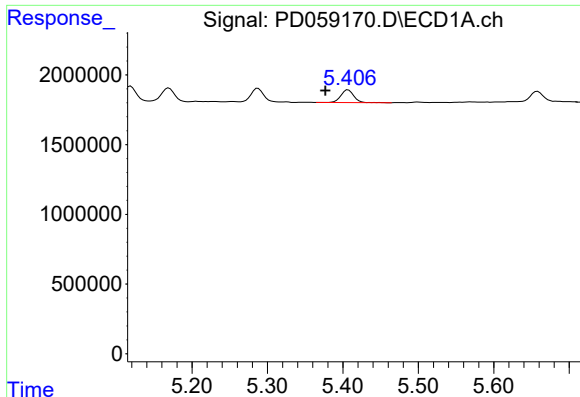
#21 Endrin ketone

R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 1137130  
Conc: 1.06 ng/ml



#21 Endrin ketone

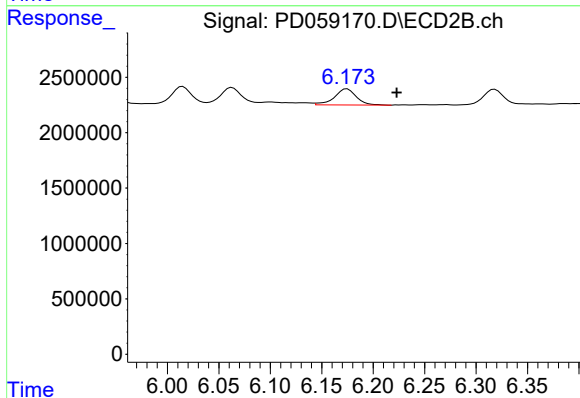
R.T.: 7.555 min  
Delta R.T.: -0.002 min  
Response: 2055639  
Conc: 1.21 ng/ml



#22 Toxaphene-1

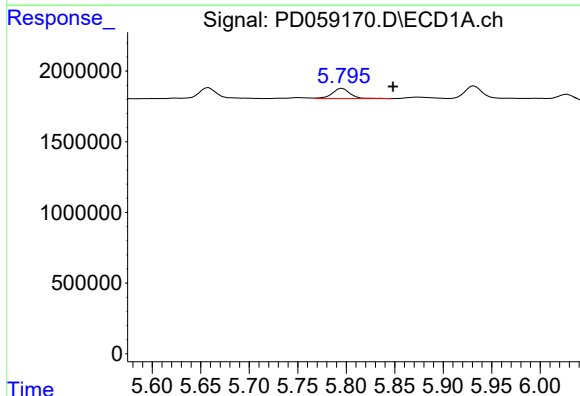
R.T.: 5.407 min  
Delta R.T.: 0.030 min  
Response: 1091169  
Conc: 167.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



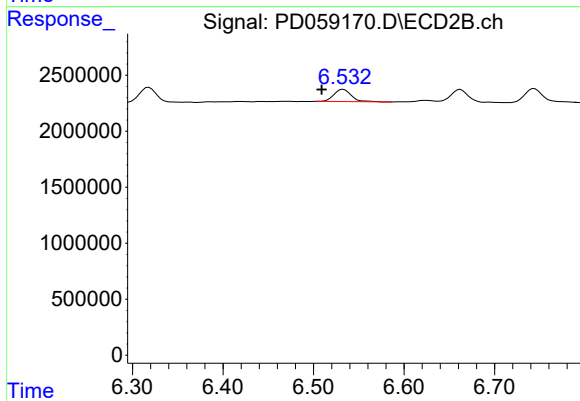
#22 Toxaphene-1

R.T.: 6.175 min  
Delta R.T.: -0.048 min  
Response: 2141417  
Conc: 234.40 ng/ml



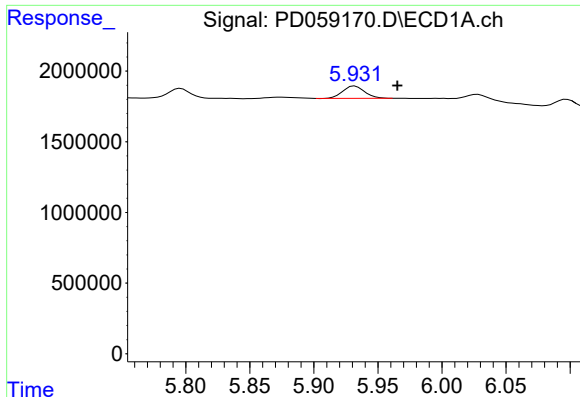
#23 Toxaphene-2

R.T.: 5.796 min  
Delta R.T.: -0.052 min  
Response: 945471  
Conc: 186.99 ng/ml



#23 Toxaphene-2

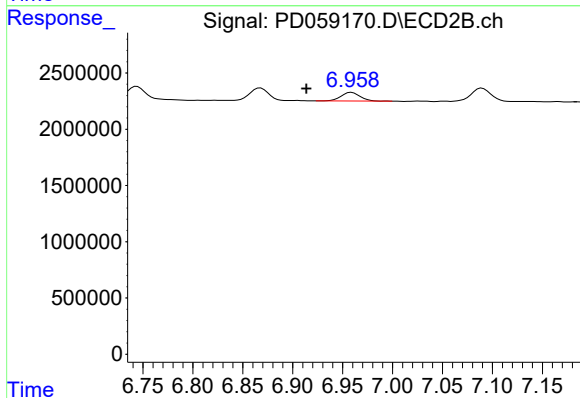
R.T.: 6.533 min  
Delta R.T.: 0.024 min  
Response: 1465460  
Conc: 128.06 ng/ml



#24 Toxaphene-3

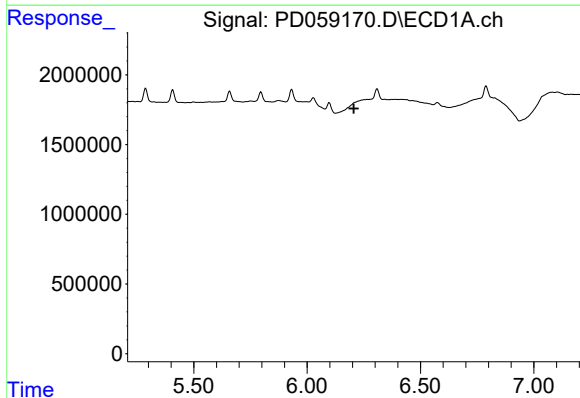
R.T.: 5.932 min  
Delta R.T.: -0.033 min  
Response: 1036138  
Conc: 58.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



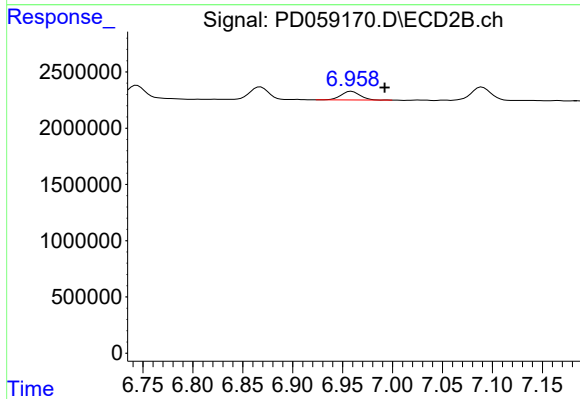
#24 Toxaphene-3

R.T.: 6.959 min  
Delta R.T.: 0.045 min  
Response: 999577  
Conc: 74.78 ng/ml



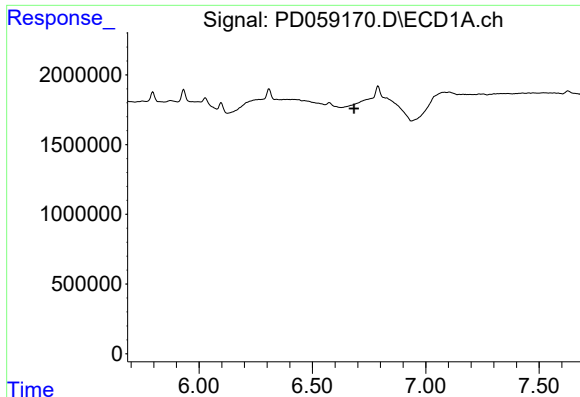
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.206 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

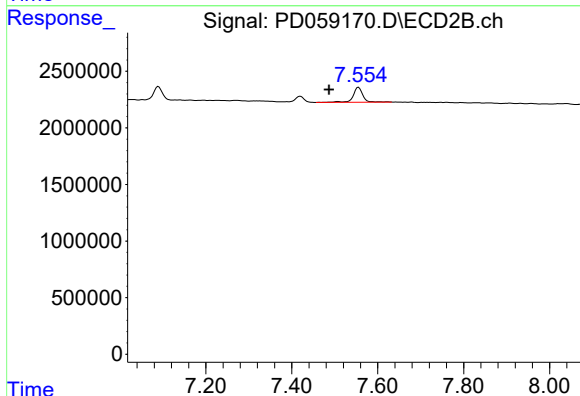
R.T.: 6.959 min  
Delta R.T.: -0.033 min  
Response: 999577  
Conc: 24.01 ng/ml



#26 Toxaphene-5

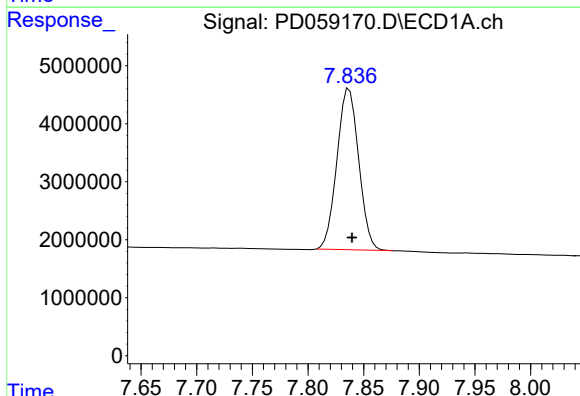
R.T.: 0.000 min  
Exp R.T.: 6.685 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



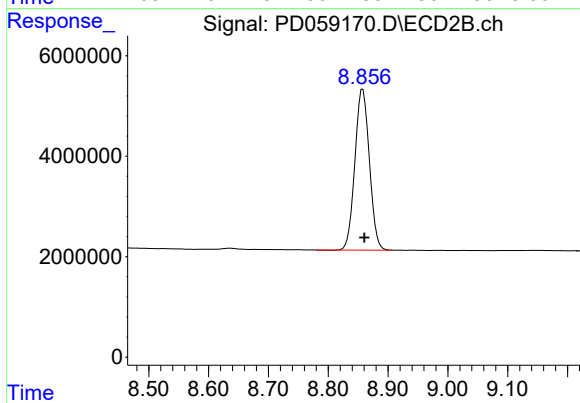
#26 Toxaphene-5

R.T.: 7.555 min  
Delta R.T.: 0.068 min  
Response: 2055639  
Conc: 101.68 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.837 min  
Delta R.T.: -0.003 min  
Response: 37793142  
Conc: 38.56 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: -0.003 min  
Response: 53881177  
Conc: 40.06 ng/ml