

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091120\  
 Data File : PD059176.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Sep 2020 11:07  
 Operator : DD\AJ  
 Sample : MDL-W-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 12:02:06 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

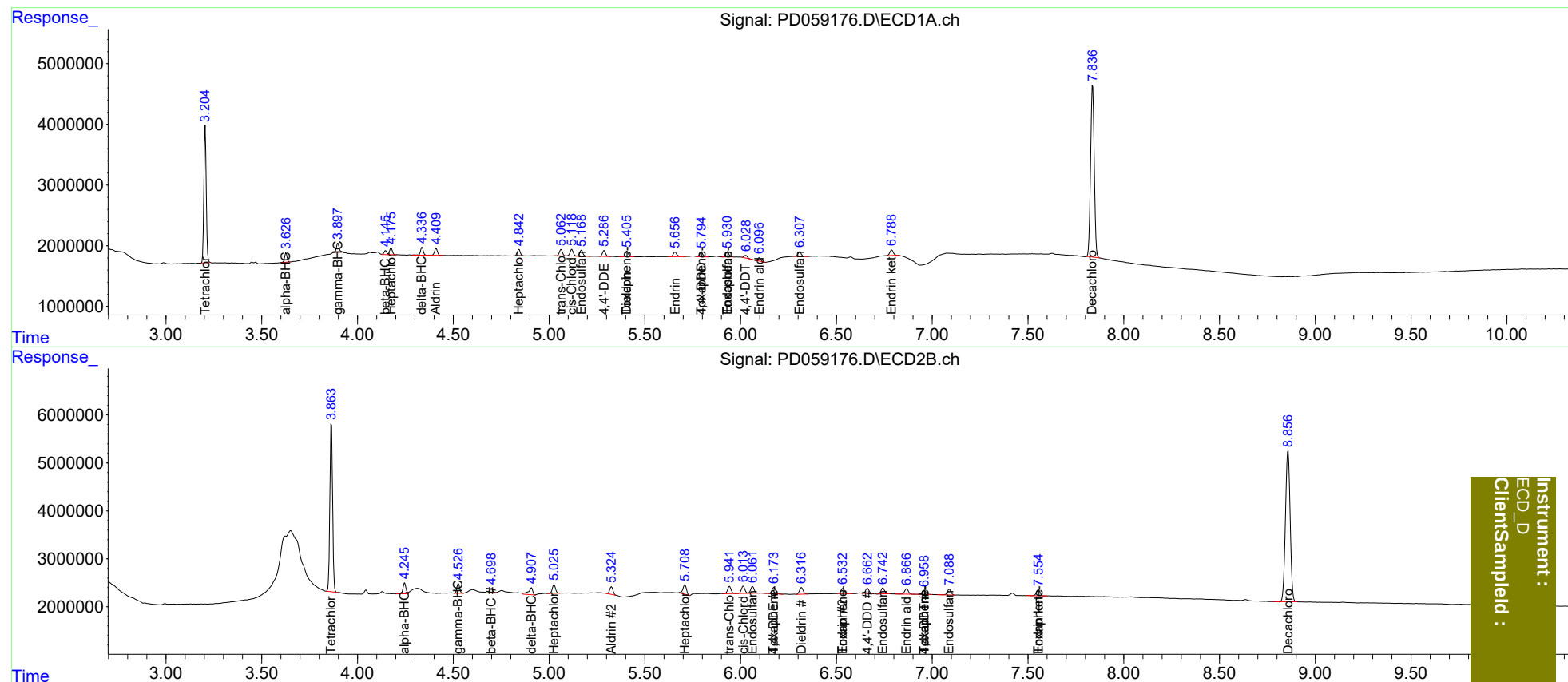
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.206 | 3.864 | 19380323 | 34661882 | 19.226  | 21.151    |
| 27)                         | SA Decachlor... | 7.837 | 8.858 | 37547669 | 53504464 | 38.313  | 39.783    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.627 | 4.246 | 1371652  | 2409439  | 0.874   | 0.993     |
| 3)                          | MA gamma-BHC... | 3.898 | 4.527 | 1442296  | 2113652  | 0.911   | 0.959     |
| 4)                          | MA Heptachlor   | 4.176 | 5.026 | 1137642  | 2092402  | 1.013   | 0.993     |
| 5)                          | MB Aldrin       | 4.411 | 5.326 | 1243217  | 1873991  | 0.955   | 0.908     |
| 6)                          | B beta-BHC      | 4.147 | 4.700 | 643567   | 877769   | 1.049   | 0.921     |
| 7)                          | B delta-BHC     | 4.337 | 4.909 | 1353571  | 2238532  | 0.930   | 1.115     |
| 8)                          | B Heptachlo...  | 4.843 | 5.709 | 1179482  | 2477511  | 1.033   | 1.234     |
| 9)                          | A Endosulfan I  | 5.169 | 6.063 | 1196491  | 1792594  | 1.121   | 1.055     |
| 10)                         | B trans-Chl...  | 5.063 | 5.943 | 1191586  | 1913544  | 0.997   | 1.028     |
| 11)                         | B cis-Chlor...  | 5.119 | 6.014 | 1297622  | 1944859  | 1.087   | 1.032     |
| 12)                         | B 4,4'-DDE      | 5.288 | 6.174 | 1066728  | 1844454  | 0.900   | 1.039     |
| 13)                         | MA Dieldrin     | 5.406 | 6.318 | 1093596  | 1807351  | 0.972   | 0.976     |
| 14)                         | MA Endrin       | 5.658 | 6.533 | 1108022  | 1467250  | 1.195   | 0.910     |
| 15)                         | B Endosulfa...  | 5.932 | 6.743 | 993504   | 1720784  | 0.969   | 1.113     |
| 16)                         | A 4,4'-DDD      | 5.795 | 6.663 | 963348   | 1270585  | 1.210   | 0.891 #   |
| 17)                         | MA 4,4'-DDT     | 6.027 | 6.959 | 494357   | 999832   | 0.583   | 0.682     |
| 18)                         | B Endrin al...  | 6.098 | 6.867 | 570584   | 1452495  | 0.724   | 1.082 #   |
| 19)                         | B Endosulfa...  | 6.309 | 7.090 | 942755   | 1607332  | 0.975   | 1.018     |
| 21)                         | B Endrin ke...  | 6.789 | 7.555 | 1192890  | 1714942  | 1.112   | 1.006     |
| 22)                         | Toxaphene-1     | 5.406 | 6.174 | 1093596  | 1844454  | 167.842 | 201.898   |
| 23)                         | Toxaphene-2     | 5.795 | 6.533 | 963348   | 1467250  | 190.525 | 128.216 # |
| 24)                         | Toxaphene-3     | 5.932 | 6.959 | 993504   | 999832   | 56.421  | 74.798 #  |
| 25)                         | Toxaphene-4     | 0.000 | 6.959 | 0        | 999832   | N.D.    | 24.017    |
| 26)                         | Toxaphene-5     | 0.000 | 7.555 | 0        | 1714942  | N.D.    | 84.830    |
| -----                       |                 |       |       |          |          |         |           |

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

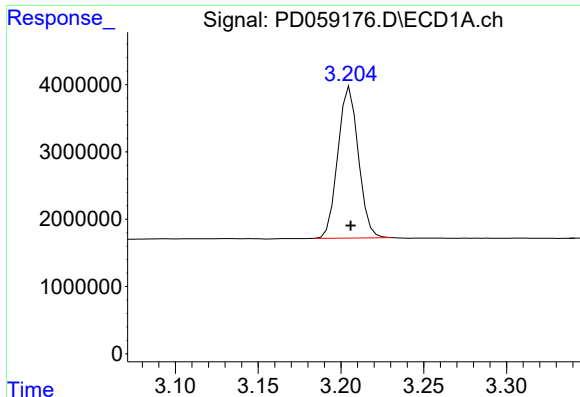
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091120\  
Data File : PD059176.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Sep 2020 11:07  
Operator : DD\AJ  
Sample : MDL-W-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 12:02:06 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



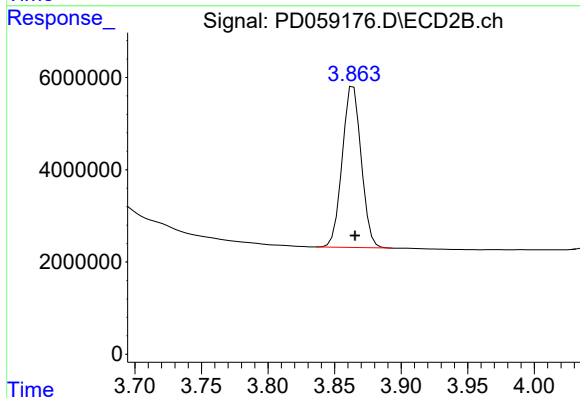
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

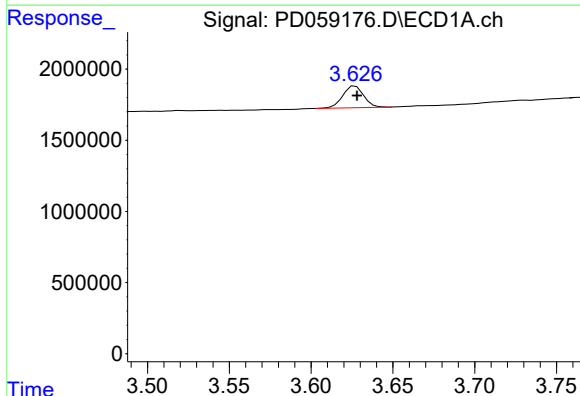
R.T.: 3.206 min  
Delta R.T.: 0.000 min  
Response: 19380323  
Conc: 19.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



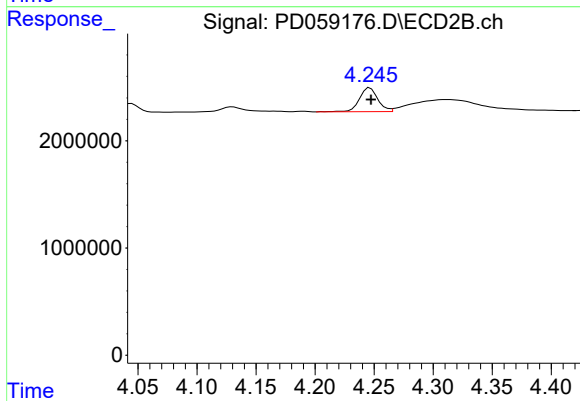
#1 Tetrachloro-m-xylene

R.T.: 3.864 min  
Delta R.T.: -0.001 min  
Response: 34661882  
Conc: 21.15 ng/ml



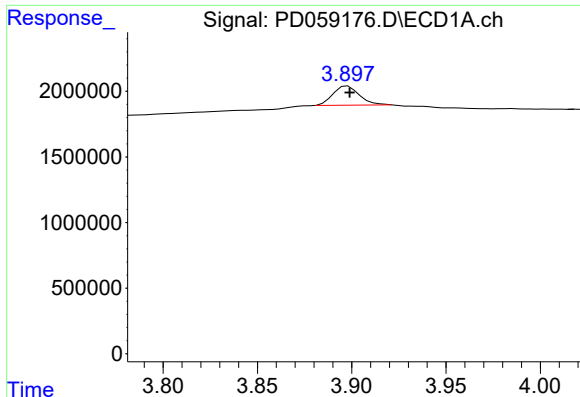
#2 alpha-BHC

R.T.: 3.627 min  
Delta R.T.: -0.001 min  
Response: 1371652  
Conc: 0.87 ng/ml



#2 alpha-BHC

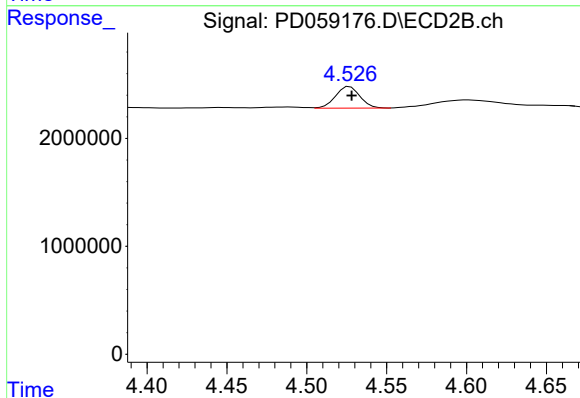
R.T.: 4.246 min  
Delta R.T.: -0.001 min  
Response: 2409439  
Conc: 0.99 ng/ml



#3 gamma-BHC (Lindane)

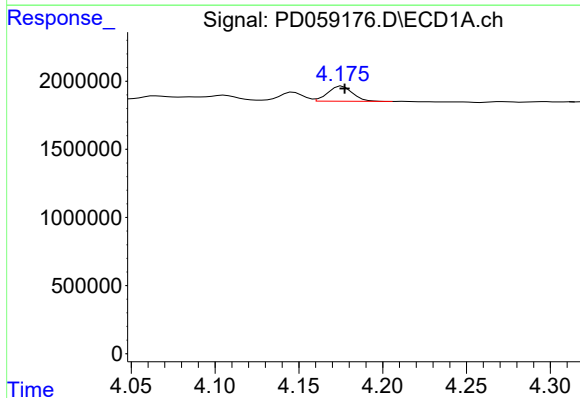
R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 1442296  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



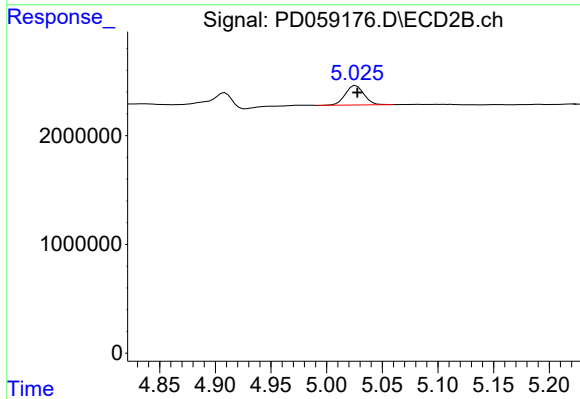
#3 gamma-BHC (Lindane)

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 2113652  
Conc: 0.96 ng/ml



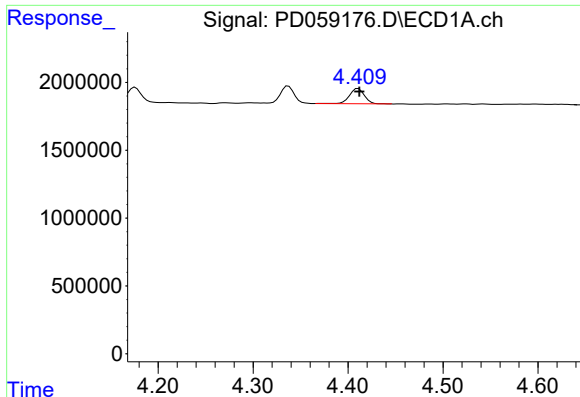
#4 Heptachlor

R.T.: 4.176 min  
Delta R.T.: -0.001 min  
Response: 1137642  
Conc: 1.01 ng/ml



#4 Heptachlor

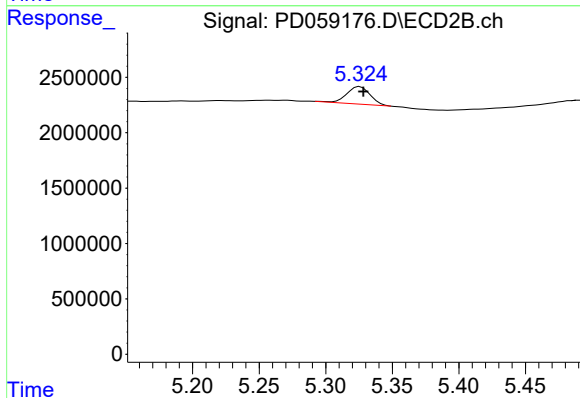
R.T.: 5.026 min  
Delta R.T.: -0.001 min  
Response: 2092402  
Conc: 0.99 ng/ml



#5 Aldrin

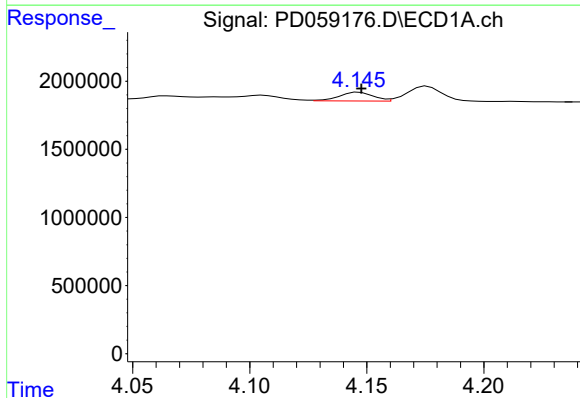
R.T.: 4.411 min  
Delta R.T.: -0.001 min  
Response: 1243217  
Conc: 0.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



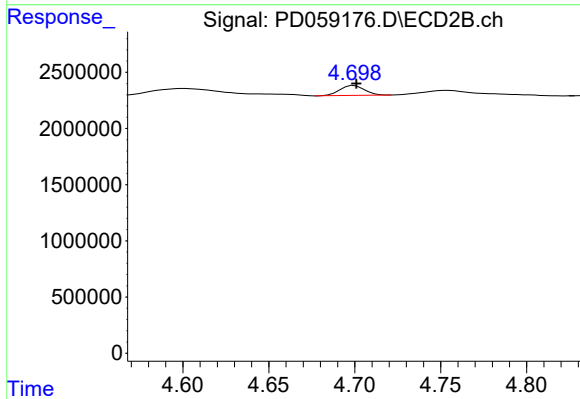
#5 Aldrin

R.T.: 5.326 min  
Delta R.T.: -0.003 min  
Response: 1873991  
Conc: 0.91 ng/ml



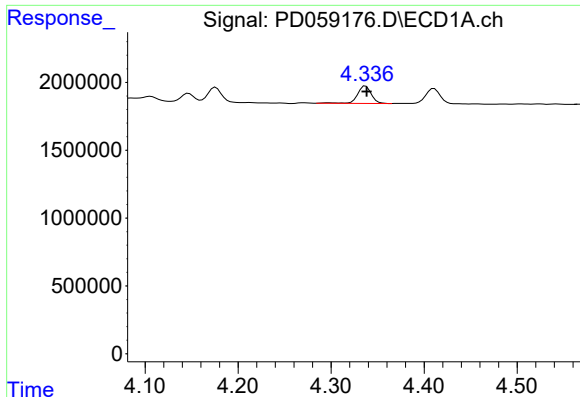
#6 beta-BHC

R.T.: 4.147 min  
Delta R.T.: 0.000 min  
Response: 643567  
Conc: 1.05 ng/ml



#6 beta-BHC

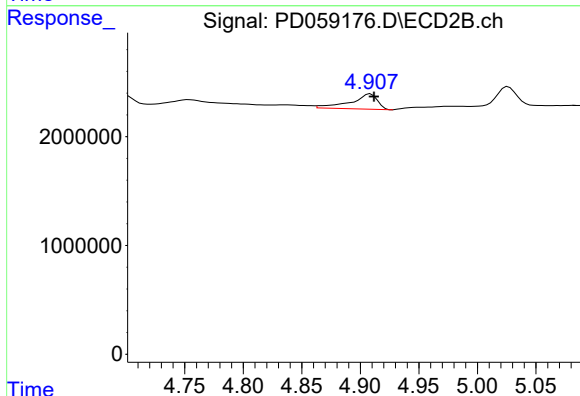
R.T.: 4.700 min  
Delta R.T.: -0.001 min  
Response: 877769  
Conc: 0.92 ng/ml



#7 delta-BHC

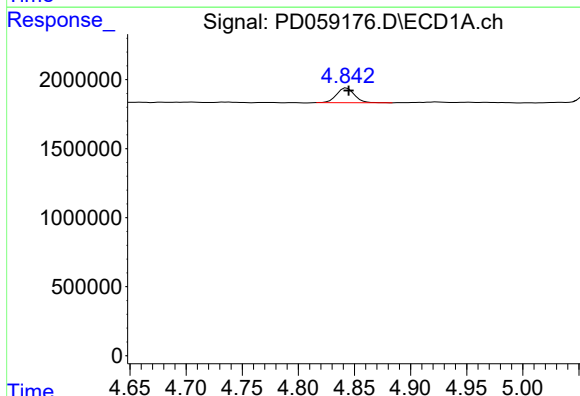
R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 1353571  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



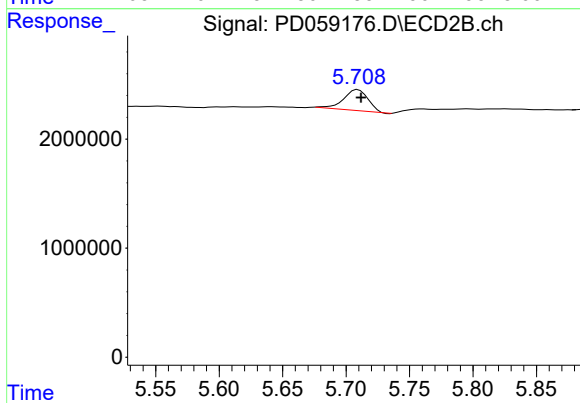
#7 delta-BHC

R.T.: 4.909 min  
Delta R.T.: -0.003 min  
Response: 2238532  
Conc: 1.11 ng/ml



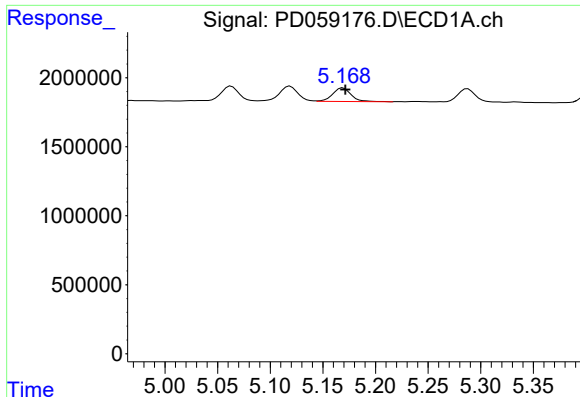
#8 Heptachlor epoxide

R.T.: 4.843 min  
Delta R.T.: -0.002 min  
Response: 1179482  
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

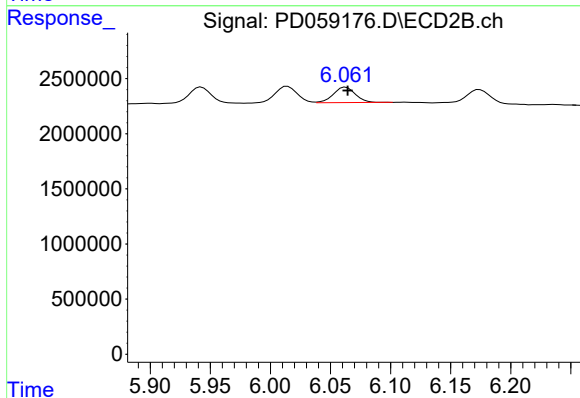
R.T.: 5.709 min  
Delta R.T.: -0.002 min  
Response: 2477511  
Conc: 1.23 ng/ml



#9 Endosulfan I

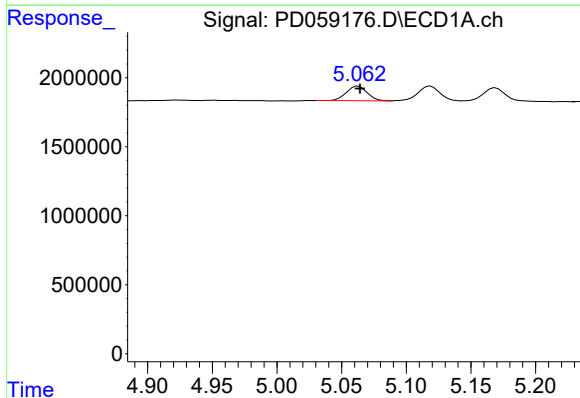
R.T.: 5.169 min  
Delta R.T.: -0.002 min  
Response: 1196491  
Conc: 1.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



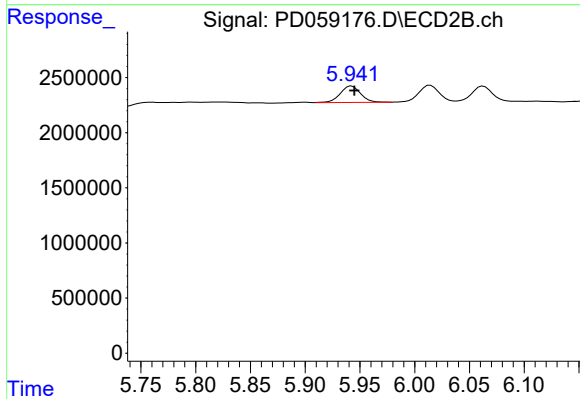
#9 Endosulfan I

R.T.: 6.063 min  
Delta R.T.: -0.002 min  
Response: 1792594  
Conc: 1.05 ng/ml



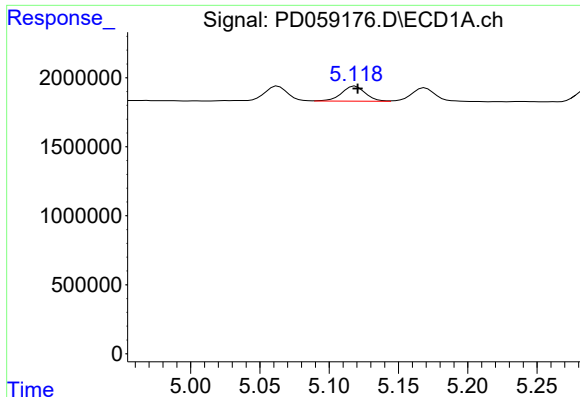
#10 trans-Chlordane

R.T.: 5.063 min  
Delta R.T.: -0.001 min  
Response: 1191586  
Conc: 1.00 ng/ml



#10 trans-Chlordane

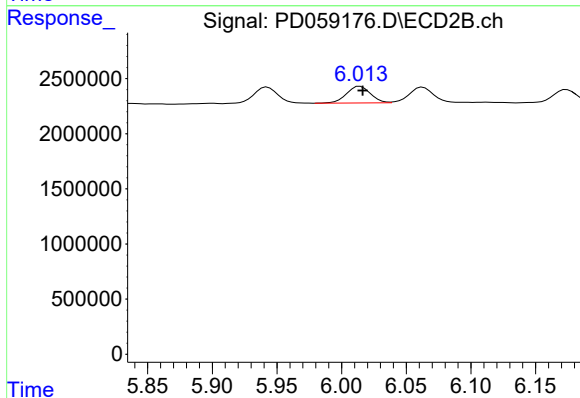
R.T.: 5.943 min  
Delta R.T.: -0.003 min  
Response: 1913544  
Conc: 1.03 ng/ml



#11 cis-Chlordane

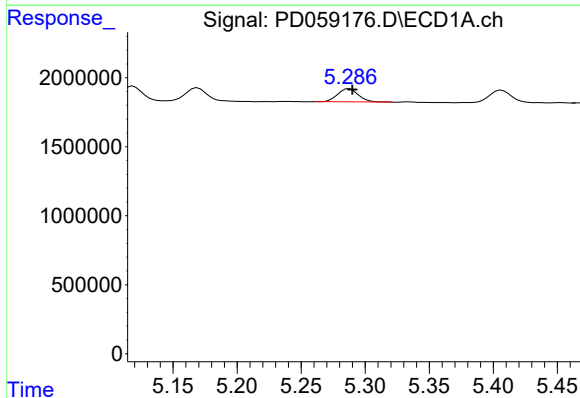
R.T.: 5.119 min  
Delta R.T.: -0.002 min  
Response: 1297622  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



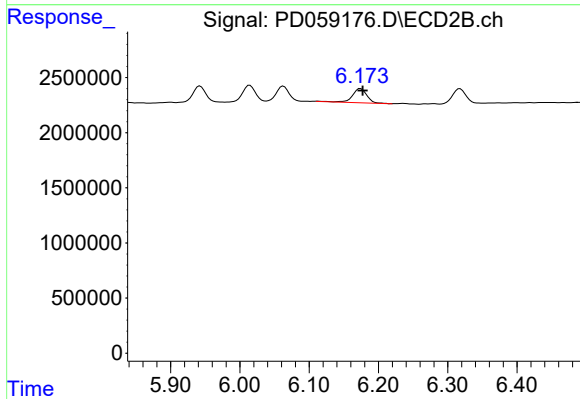
#11 cis-Chlordane

R.T.: 6.014 min  
Delta R.T.: -0.002 min  
Response: 1944859  
Conc: 1.03 ng/ml



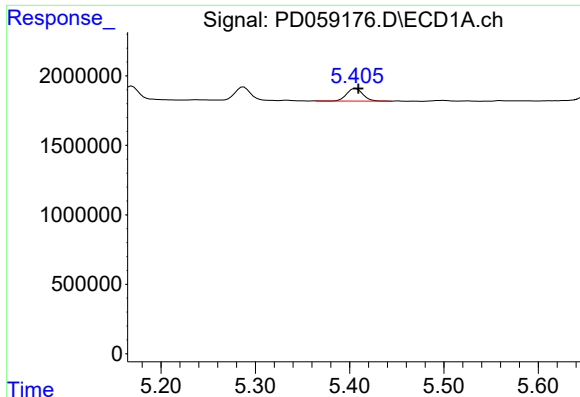
#12 4,4'-DDE

R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 1066728  
Conc: 0.90 ng/ml



#12 4,4'-DDE

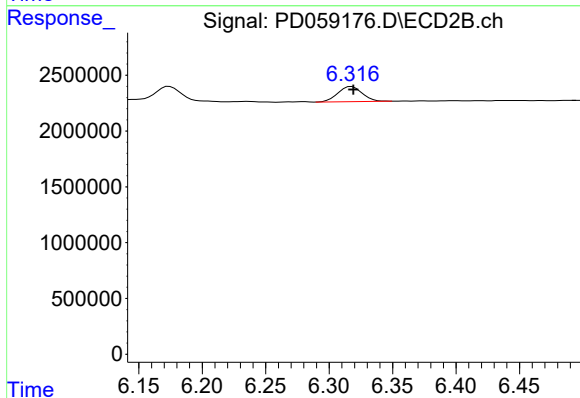
R.T.: 6.174 min  
Delta R.T.: -0.003 min  
Response: 1844454  
Conc: 1.04 ng/ml



#13 Dieldrin

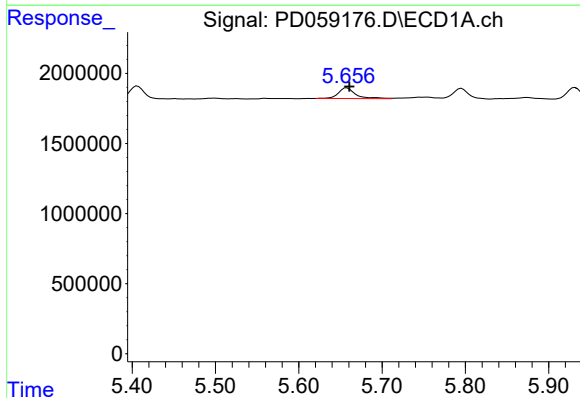
R.T.: 5.406 min  
Delta R.T.: -0.003 min  
Response: 1093596  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



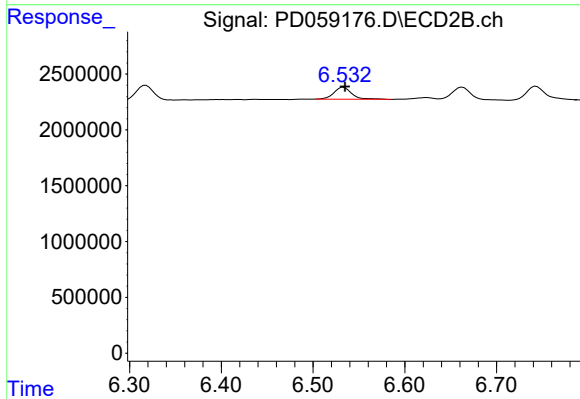
#13 Dieldrin

R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 1807351  
Conc: 0.98 ng/ml



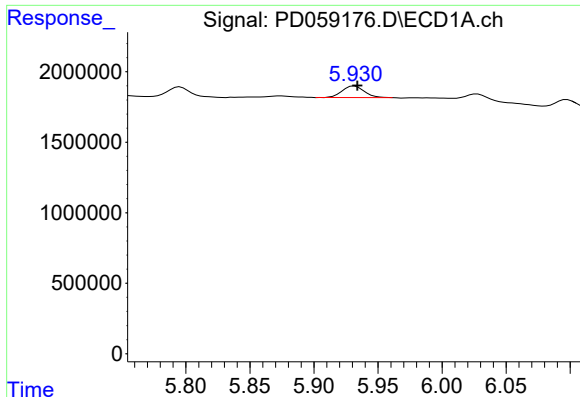
#14 Endrin

R.T.: 5.658 min  
Delta R.T.: -0.003 min  
Response: 1108022  
Conc: 1.20 ng/ml



#14 Endrin

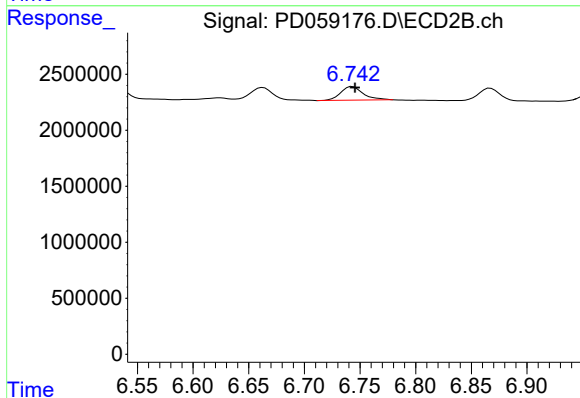
R.T.: 6.533 min  
Delta R.T.: -0.002 min  
Response: 1467250  
Conc: 0.91 ng/ml



#15 Endosulfan II

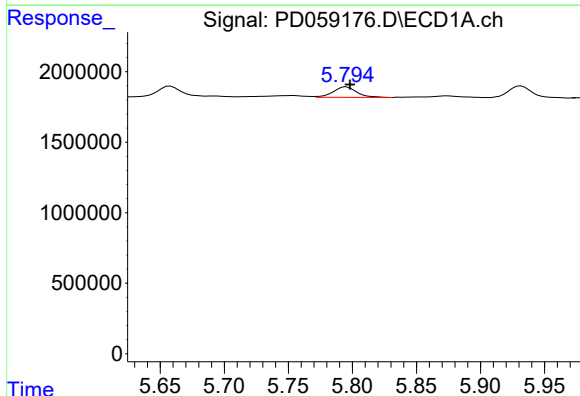
R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 993504  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



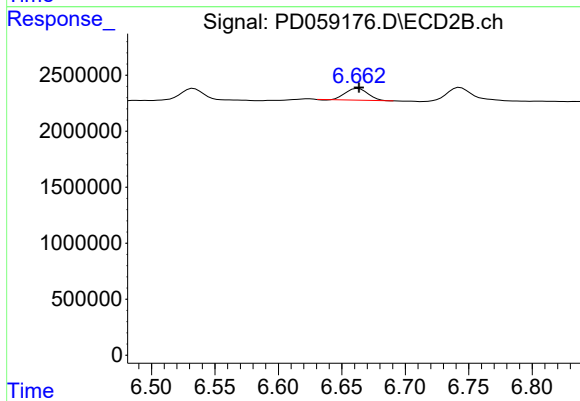
#15 Endosulfan II

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 1720784  
Conc: 1.11 ng/ml



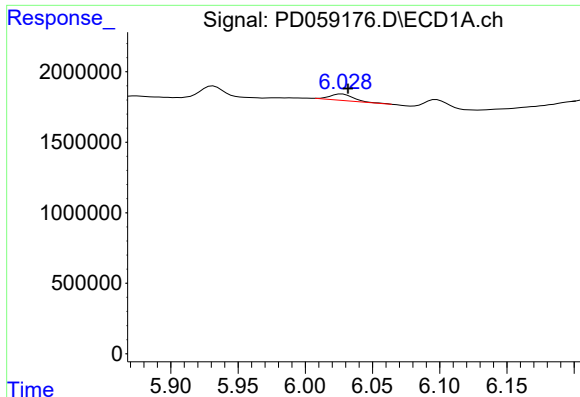
#16 4,4'-DDD

R.T.: 5.795 min  
Delta R.T.: -0.003 min  
Response: 963348  
Conc: 1.21 ng/ml



#16 4,4'-DDD

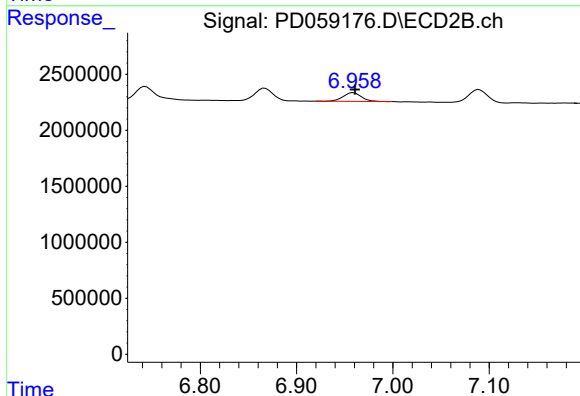
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 1270585  
Conc: 0.89 ng/ml



#17 4,4'-DDT

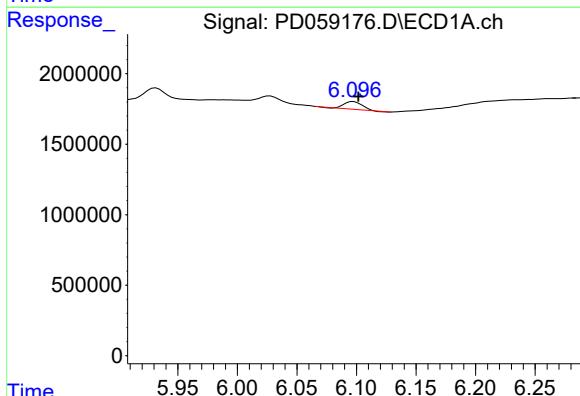
R.T.: 6.027 min  
Delta R.T.: -0.004 min  
Response: 494357  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



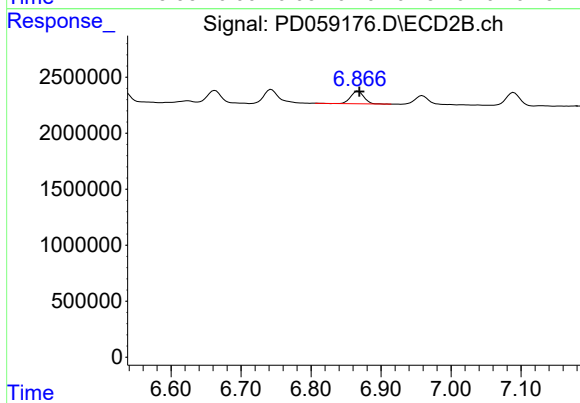
#17 4,4'-DDT

R.T.: 6.959 min  
Delta R.T.: -0.002 min  
Response: 999832  
Conc: 0.68 ng/ml



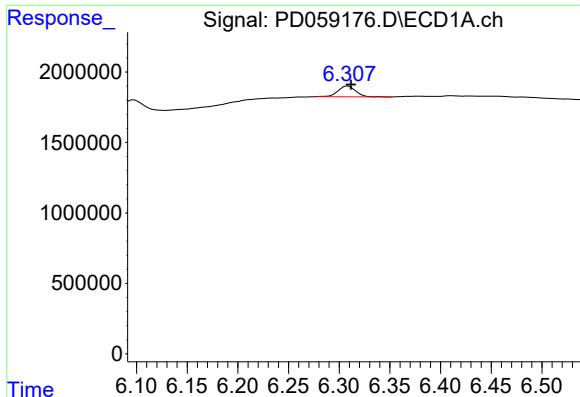
#18 Endrin aldehyde

R.T.: 6.098 min  
Delta R.T.: -0.004 min  
Response: 570584  
Conc: 0.72 ng/ml



#18 Endrin aldehyde

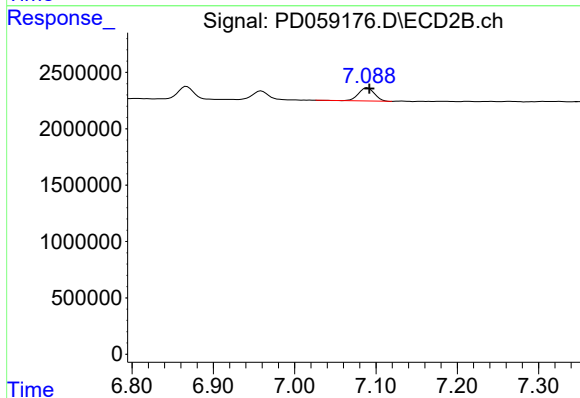
R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 1452495  
Conc: 1.08 ng/ml



#19 Endosulfan Sulfate

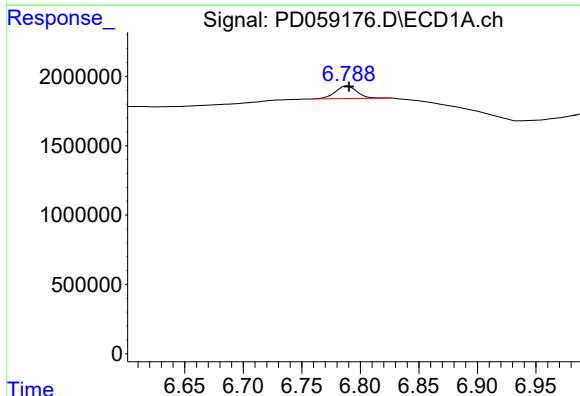
R.T.: 6.309 min  
Delta R.T.: -0.003 min  
Response: 942755  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



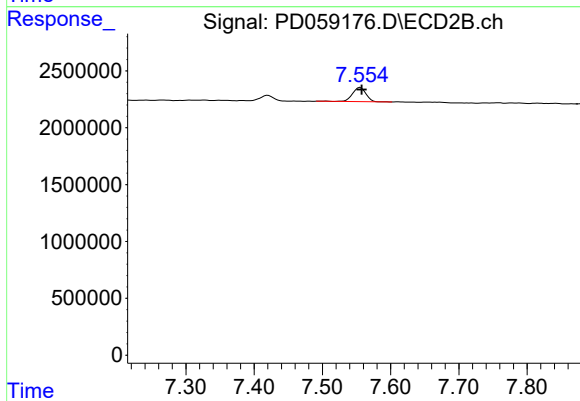
#19 Endosulfan Sulfate

R.T.: 7.090 min  
Delta R.T.: -0.002 min  
Response: 1607332  
Conc: 1.02 ng/ml



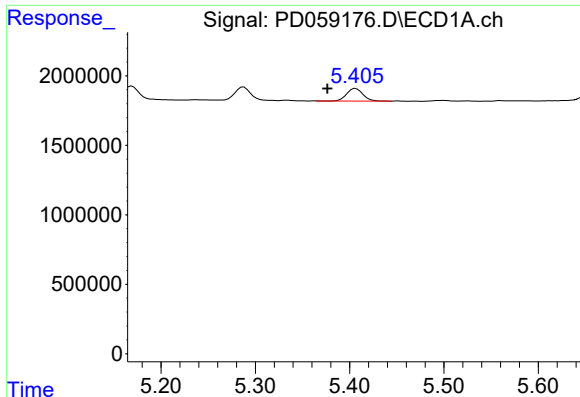
#21 Endrin ketone

R.T.: 6.789 min  
Delta R.T.: 0.000 min  
Response: 1192890  
Conc: 1.11 ng/ml



#21 Endrin ketone

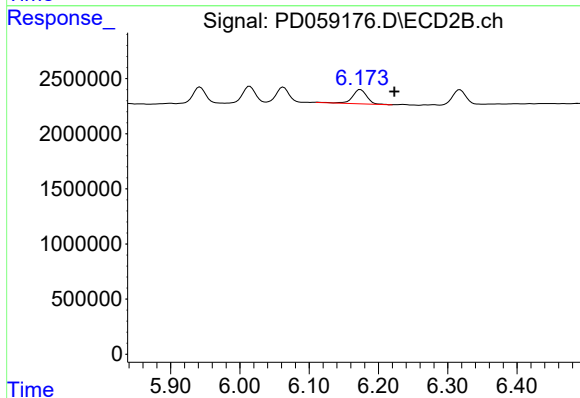
R.T.: 7.555 min  
Delta R.T.: -0.003 min  
Response: 1714942  
Conc: 1.01 ng/ml



#22 Toxaphene-1

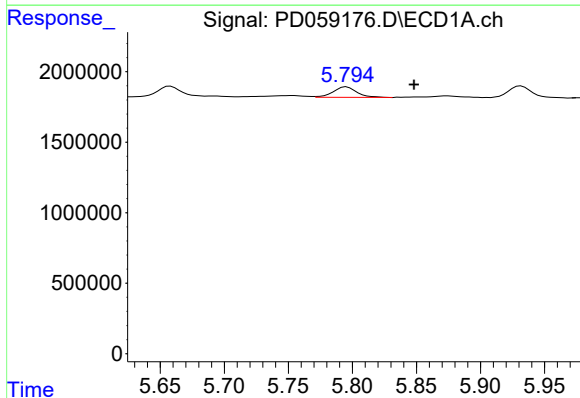
R.T.: 5.406 min  
Delta R.T.: 0.030 min  
Response: 1093596  
Conc: 167.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



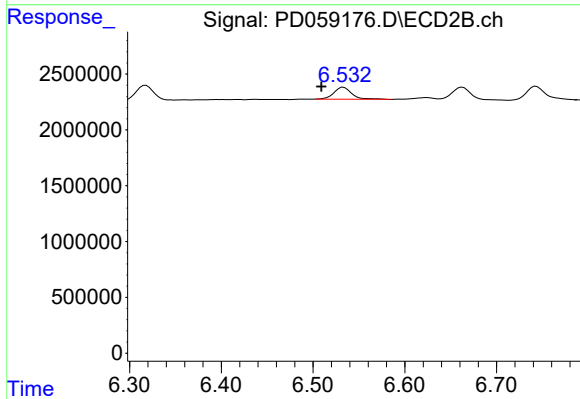
#22 Toxaphene-1

R.T.: 6.174 min  
Delta R.T.: -0.049 min  
Response: 1844454  
Conc: 201.90 ng/ml



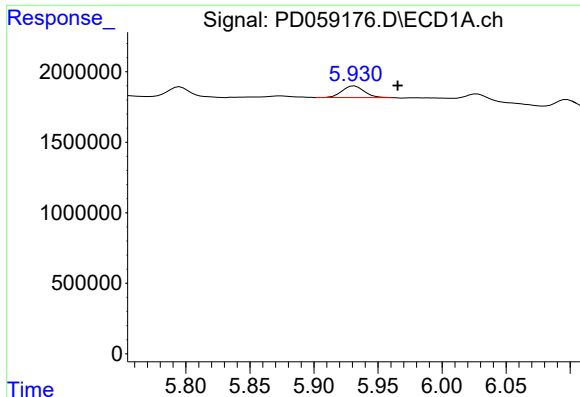
#23 Toxaphene-2

R.T.: 5.795 min  
Delta R.T.: -0.053 min  
Response: 963348  
Conc: 190.53 ng/ml



#23 Toxaphene-2

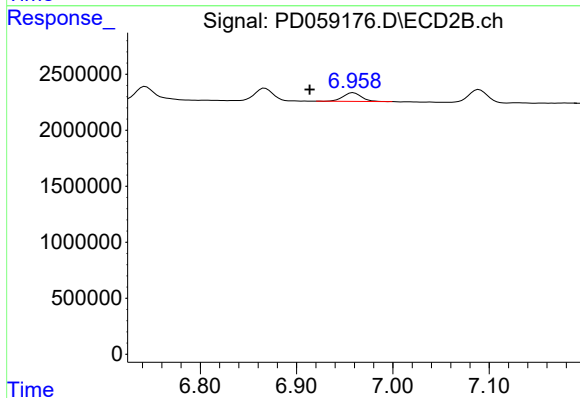
R.T.: 6.533 min  
Delta R.T.: 0.024 min  
Response: 1467250  
Conc: 128.22 ng/ml



#24 Toxaphene-3

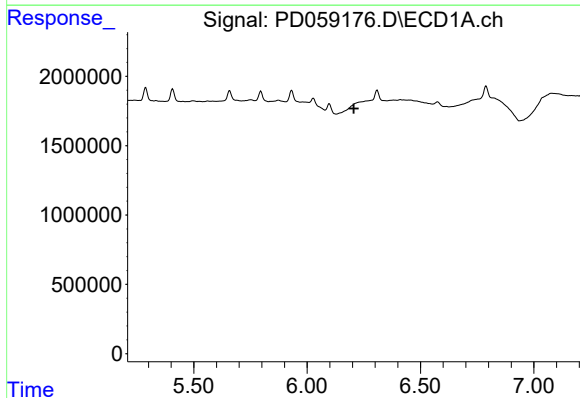
R.T.: 5.932 min  
Delta R.T.: -0.034 min  
Response: 993504  
Conc: 56.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



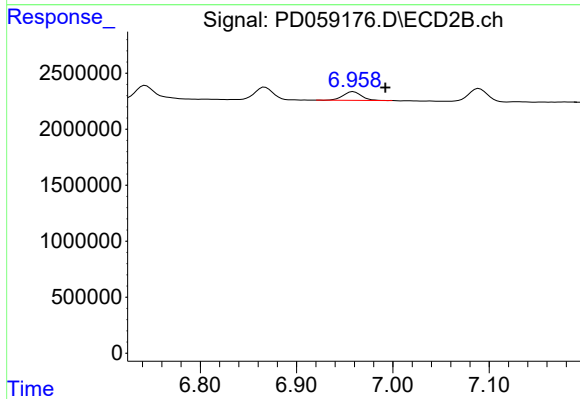
#24 Toxaphene-3

R.T.: 6.959 min  
Delta R.T.: 0.045 min  
Response: 999832  
Conc: 74.80 ng/ml



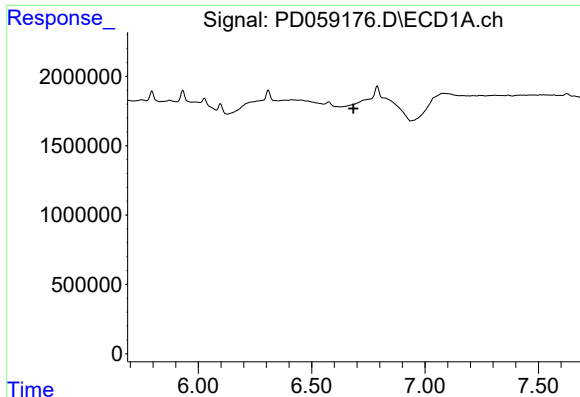
#25 Toxaphene-4

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



#25 Toxaphene-4

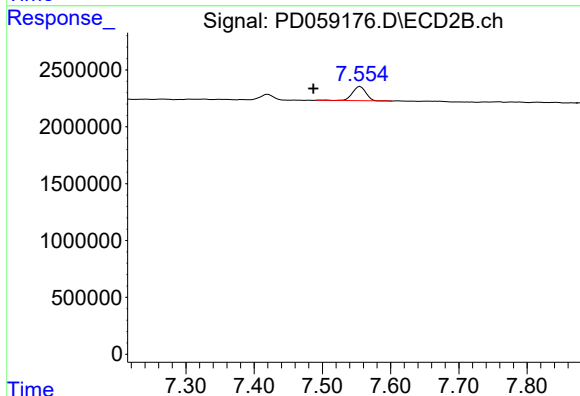
R.T.: 6.959 min  
Delta R.T.: -0.033 min  
Response: 999832  
Conc: 24.02 ng/ml



#26 Toxaphene-5

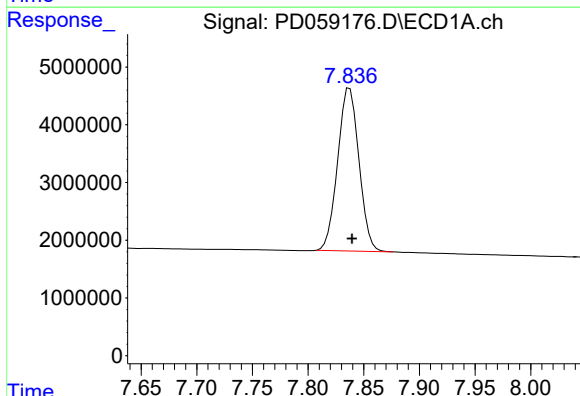
R.T.: 0.000 min  
Exp R.T.: 6.685 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



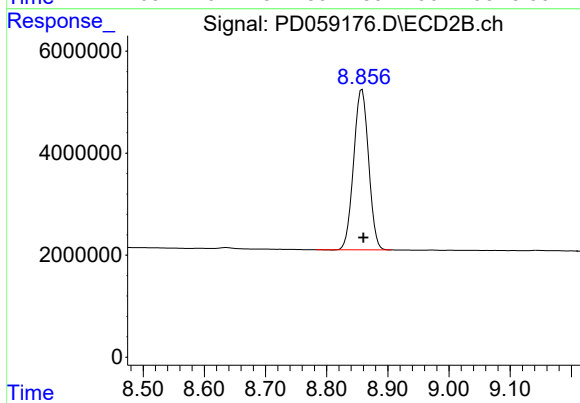
#26 Toxaphene-5

R.T.: 7.555 min  
Delta R.T.: 0.068 min  
Response: 1714942  
Conc: 84.83 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.837 min  
Delta R.T.: -0.002 min  
Response: 37547669  
Conc: 38.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: -0.003 min  
Response: 53504464  
Conc: 39.78 ng/ml