

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102320\  
 Data File : PD059917.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2020 14:17  
 Operator : DD\AJ  
 Sample : INDB311  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 01:19:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 02:31:39 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

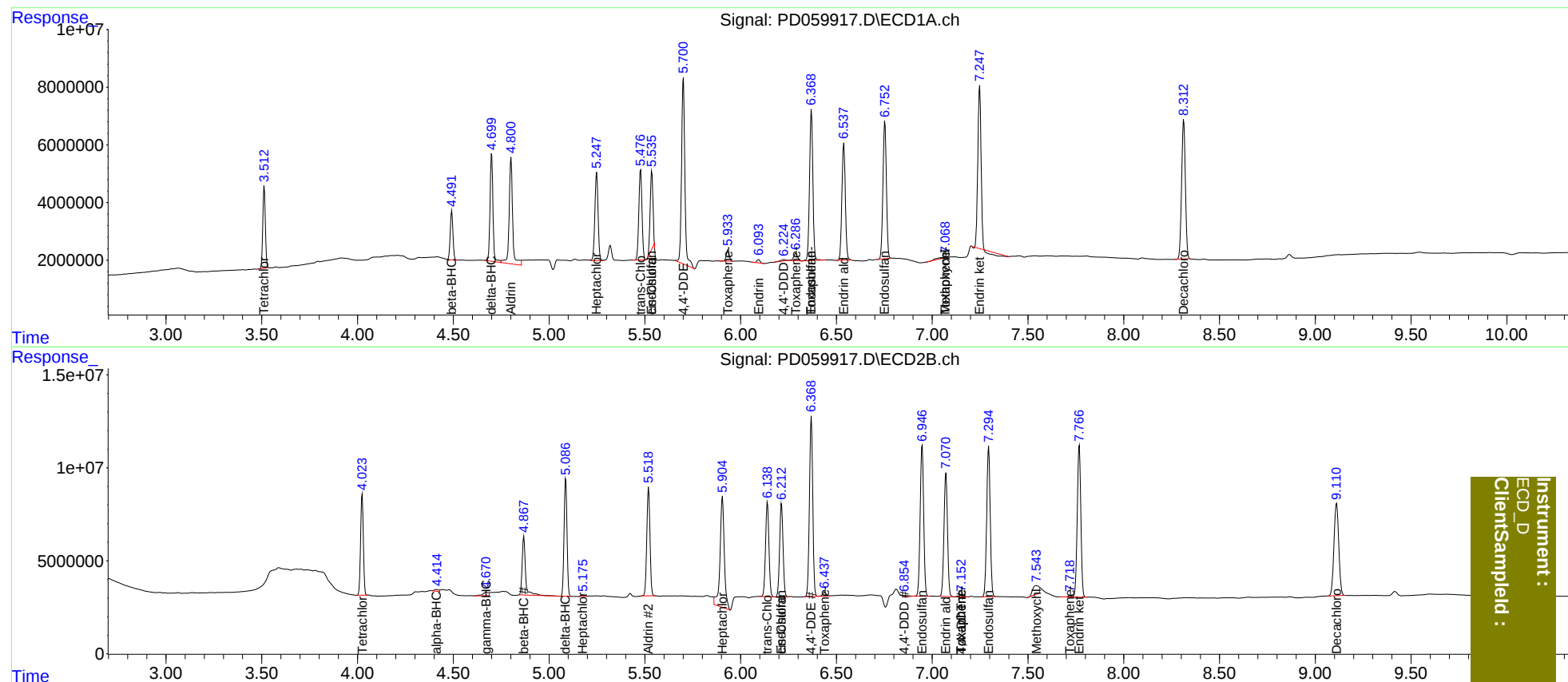
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.513  | 4.024  | 26337650 | 54117731 | 18.154   | 21.442   |
| 2)                          | SA Decachlor... | 8.313  | 9.111  | 65628269 | 86687875 | 35.977   | 41.607   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.413  | 0        | 1553605  | N.D.     | 0.412    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.672f | 0        | 3695444  | N.D.     | 1.081    |
| 4)                          | MA Heptachlor   | 0.000  | 5.176f | 0        | 770825   | N.D.     | 0.230    |
| 5)                          | MB Aldrin       | 4.801  | 5.519  | 46368581 | 67469641 | 21.074   | 20.234   |
| 6)                          | B beta-BHC      | 4.492  | 4.869  | 16848592 | 38895070 | 16.671   | 23.910 # |
| 7)                          | B delta-BHC     | 4.700  | 5.087  | 39255704 | 67239704 | 17.826   | 19.140   |
| 8)                          | B Heptachlo...  | 5.249  | 5.905  | 35505575 | 92320250 | 17.497   | 30.095 # |
| 9)                          | A Endosulfan I  | 5.537f | 6.213f | 27364243 | 61862012 | 14.638   | 22.617 # |
| 10)                         | B trans-Chl...  | 5.478  | 6.140  | 35949820 | 62373176 | 17.302   | 20.213   |
| 11)                         | B cis-Chlor...  | 5.537  | 6.213  | 27364243 | 61862012 | 13.083   | 20.088 # |
| 12)                         | B 4,4'-DDE      | 5.701  | 6.369  | 78940413 | 116.6E6  | 38.077   | 39.961   |
| 13)                         | MA Dieldrin     | 0.000  | 6.524  | 0        | 266274   | N.D.     | <MDL     |
| 14)                         | MA Endrin       | 6.094  | 0.000  | 1228109  | 0        | 0.730    | N.D. #   |
| 15)                         | B Endosulfa...  | 6.369  | 6.948  | 63646455 | 103.0E6  | 35.324   | 40.369   |
| 16)                         | A 4,4'-DDD      | 6.226  | 6.857  | 771494   | 1323027  | 0.464    | 0.558    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.153  | 0        | 1799104  | N.D.     | 0.769    |
| 18)                         | B Endrin al...  | 6.539  | 7.072  | 51027468 | 84758584 | 34.368   | 39.585   |
| 19)                         | B Endosulfa...  | 6.753  | 7.295  | 59514191 | 102.7E6  | 33.813   | 39.780   |
| 20)                         | A Methoxychlor  | 7.069f | 7.545f | 1227448  | 10320644 | 1.357    | 8.616 #  |
| 21)                         | B Endrin ke...  | 7.248  | 7.768  | 62759919 | 105.9E6  | 31.301   | 39.843 # |
| 22)                         | Toxaphene-1     | 0.000  | 6.439  | 0        | 2542752  | N.D.     | 184.976  |
| 23)                         | Toxaphene-2     | 5.934  | 0.000  | 4296986  | 0        | 318.583  | N.D. #   |
| 24)                         | Toxaphene-3     | 6.288  | 7.153  | 3665466  | 1799104  | 241.080  | 72.412 # |
| 25)                         | Toxaphene-4     | 6.369  | 7.153  | 63646455 | 1799104  | 1858.819 | 26.442 # |
| 26)                         | Toxaphene-5     | 7.069  | 7.720  | 1227448  | 735513   | 33.609   | 23.462 # |
| -----                       |                 |        |        |          |          |          |          |

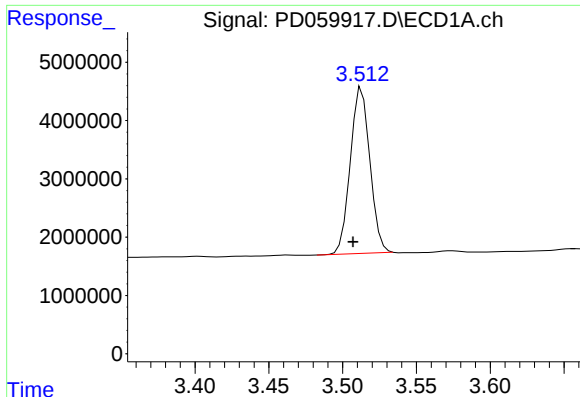
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102320\  
Data File : PD059917.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2020 14:17  
Operator : DD\AJ  
Sample : INDB311  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 01:19:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102220CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 02:31:39 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

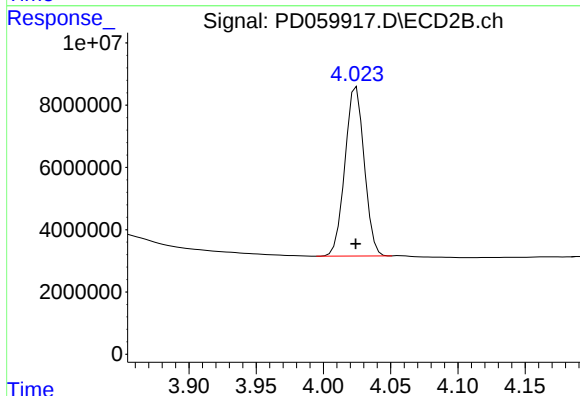




#1 Tetrachloro-m-xylene

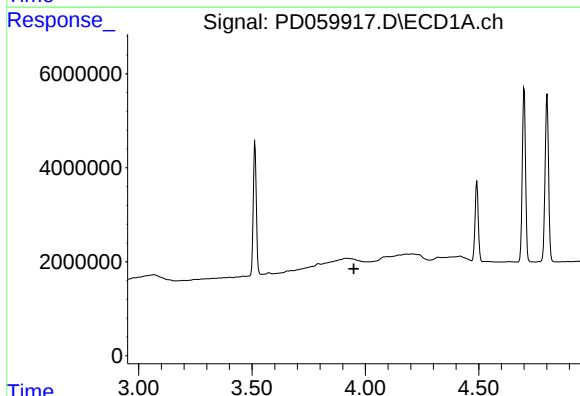
R.T.: 3.513 min  
Delta R.T.: 0.006 min  
Response: 26337650  
Conc: 18.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



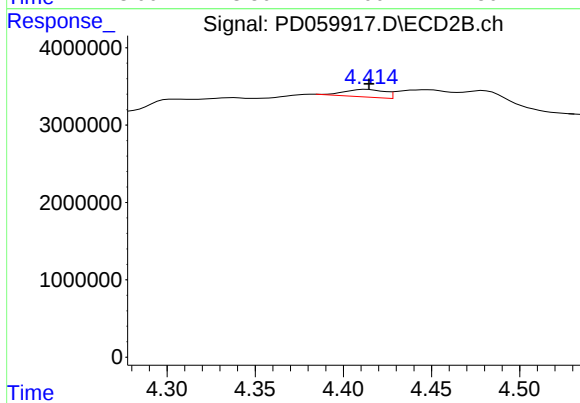
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 54117731  
Conc: 21.44 ng/ml



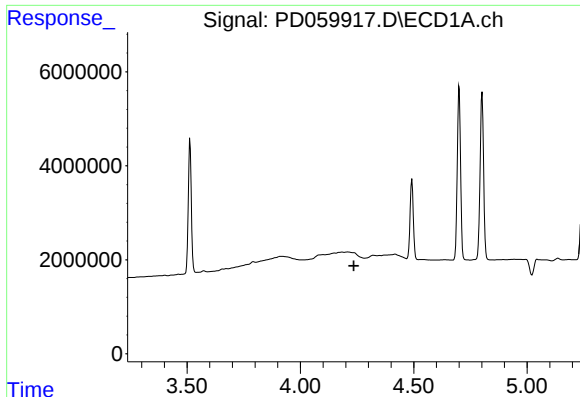
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.949 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

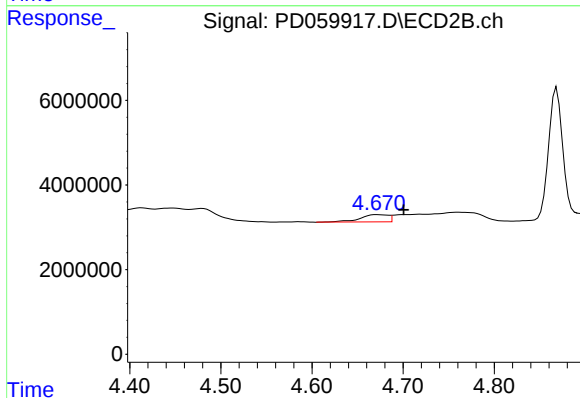
R.T.: 4.413 min  
Delta R.T.: -0.001 min  
Response: 1553605  
Conc: 0.41 ng/ml



#3 gamma-BHC (Lindane)

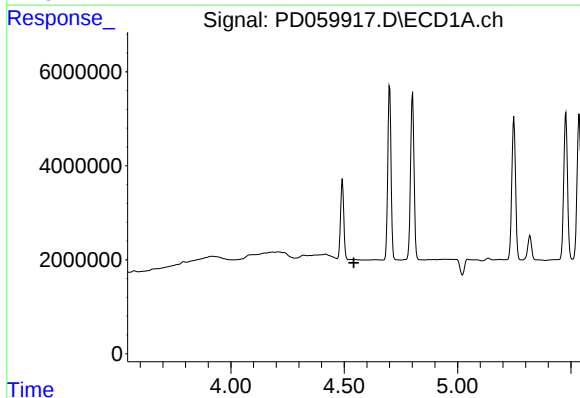
R.T.: 0.000 min  
Exp R.T. : 4.235 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



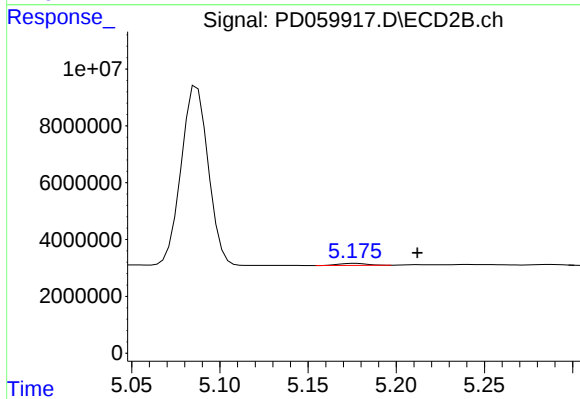
#3 gamma-BHC (Lindane)

R.T.: 4.672 min  
Delta R.T.: -0.029 min  
Response: 3695444  
Conc: 1.08 ng/ml



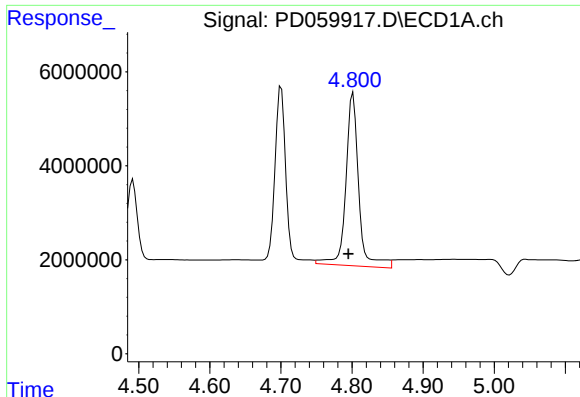
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.543 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

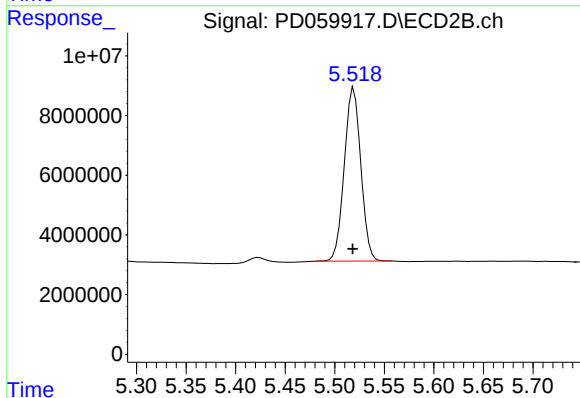
R.T.: 5.176 min  
Delta R.T.: -0.036 min  
Response: 770825  
Conc: 0.23 ng/ml



#5 Aldrin

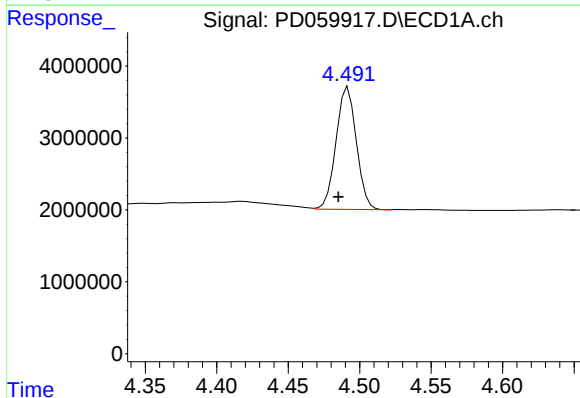
R.T.: 4.801 min  
Delta R.T.: 0.007 min  
Response: 46368581  
Conc: 21.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



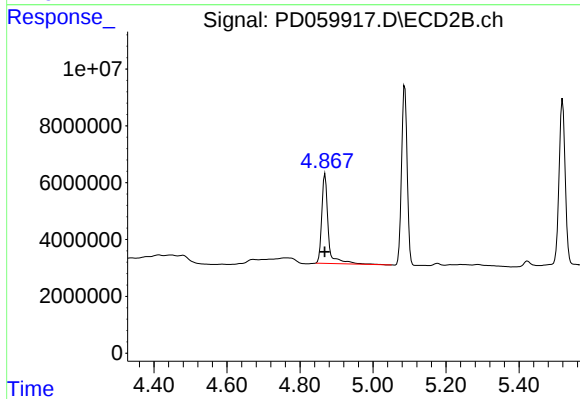
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.001 min  
Response: 67469641  
Conc: 20.23 ng/ml



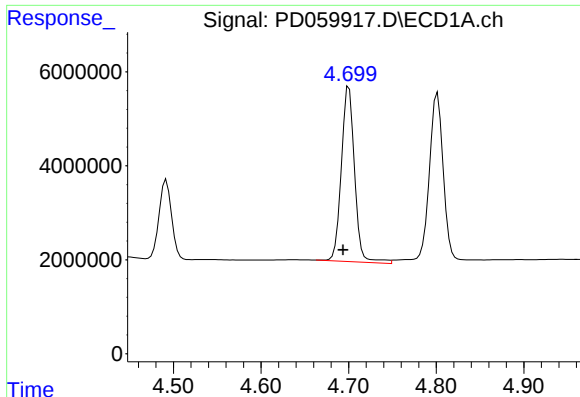
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: 0.007 min  
Response: 16848592  
Conc: 16.67 ng/ml



#6 beta-BHC

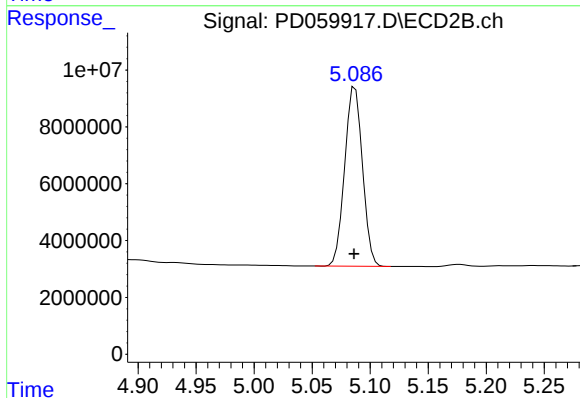
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 38895070  
Conc: 23.91 ng/ml



#7 delta-BHC

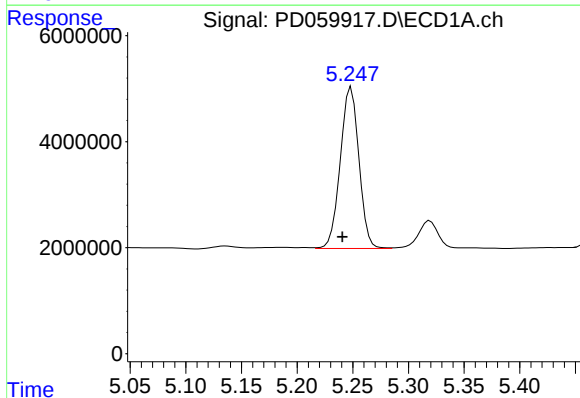
R.T.: 4.700 min  
Delta R.T.: 0.007 min  
Response: 39255704  
Conc: 17.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



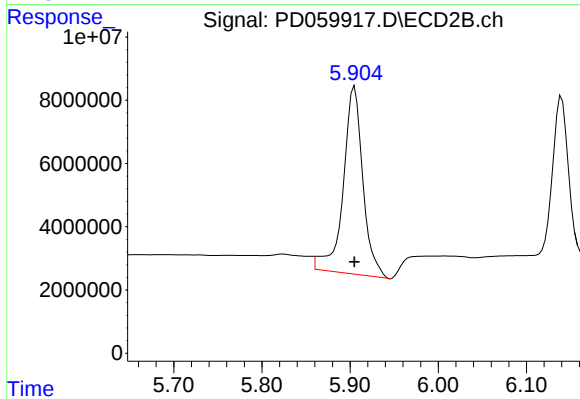
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 67239704  
Conc: 19.14 ng/ml



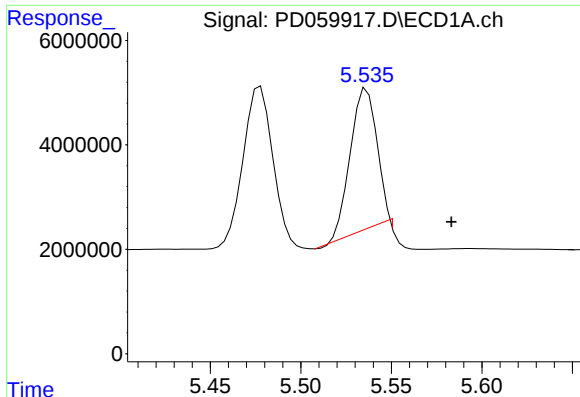
#8 Heptachlor epoxide

R.T.: 5.249 min  
Delta R.T.: 0.008 min  
Response: 35505575  
Conc: 17.50 ng/ml



#8 Heptachlor epoxide

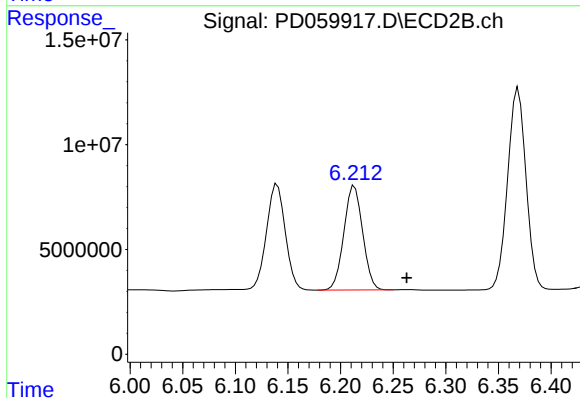
R.T.: 5.905 min  
Delta R.T.: 0.000 min  
Response: 92320250  
Conc: 30.10 ng/ml



#9 Endosulfan I

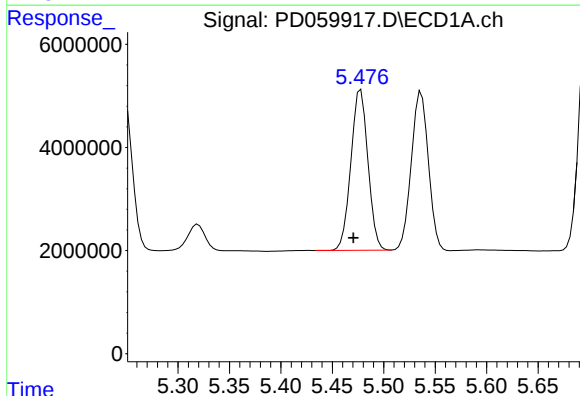
R.T.: 5.537 min  
Delta R.T.: -0.047 min  
Response: 27364243  
Conc: 14.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



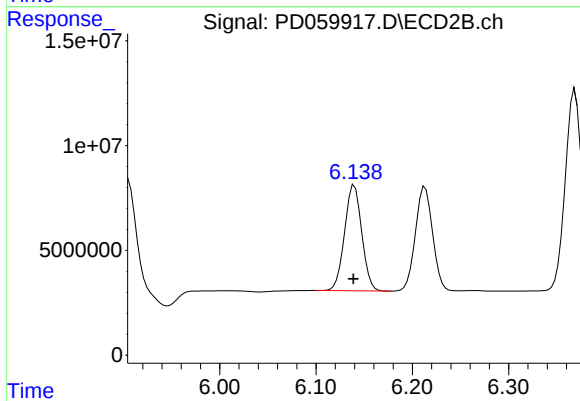
#9 Endosulfan I

R.T.: 6.213 min  
Delta R.T.: -0.049 min  
Response: 61862012  
Conc: 22.62 ng/ml



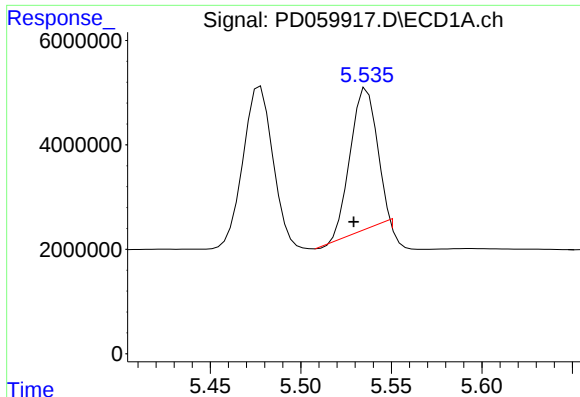
#10 trans-Chlordane

R.T.: 5.478 min  
Delta R.T.: 0.007 min  
Response: 35949820  
Conc: 17.30 ng/ml



#10 trans-Chlordane

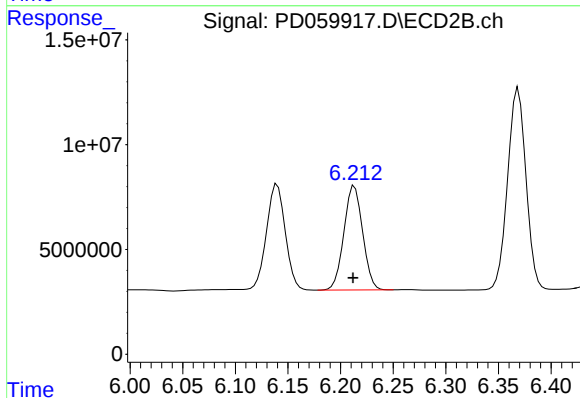
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 62373176  
Conc: 20.21 ng/ml



#11 cis-Chlordane

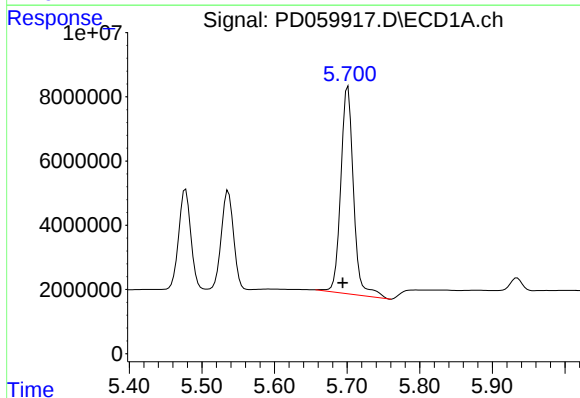
R.T.: 5.537 min  
Delta R.T.: 0.007 min  
Response: 27364243  
Conc: 13.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



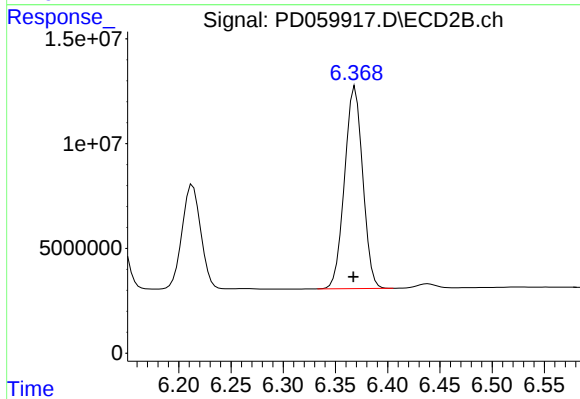
#11 cis-Chlordane

R.T.: 6.213 min  
Delta R.T.: 0.001 min  
Response: 61862012  
Conc: 20.09 ng/ml



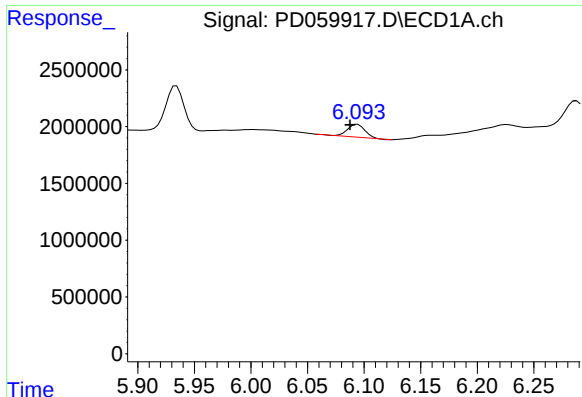
#12 4,4'-DDE

R.T.: 5.701 min  
Delta R.T.: 0.007 min  
Response: 78940413  
Conc: 38.08 ng/ml



#12 4,4'-DDE

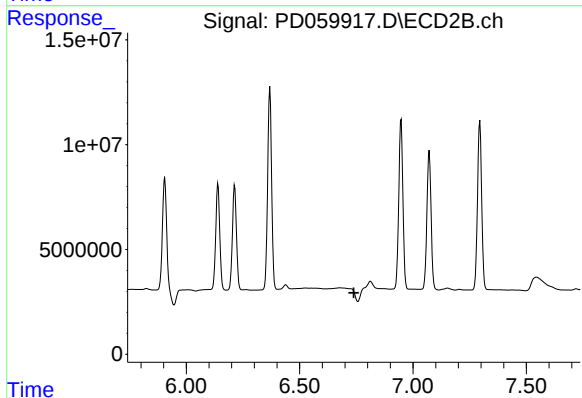
R.T.: 6.369 min  
Delta R.T.: 0.002 min  
Response: 116639325  
Conc: 39.96 ng/ml



#14 Endrin

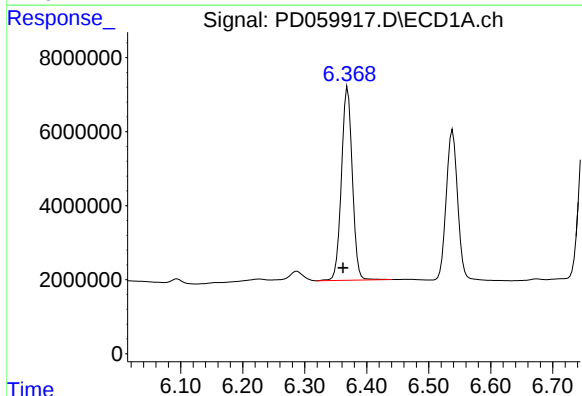
R.T.: 6.094 min  
Delta R.T.: 0.007 min  
Response: 1228109  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



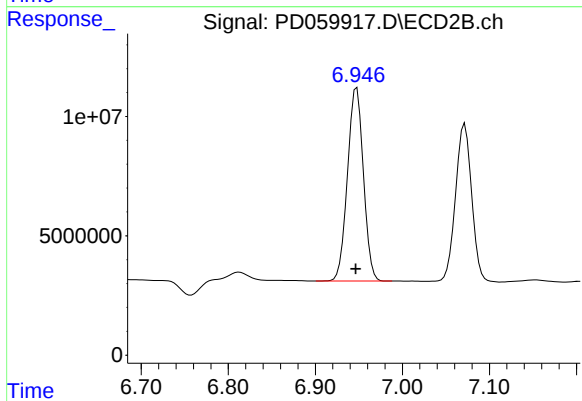
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.738 min  
Response: 0  
Conc: N.D.



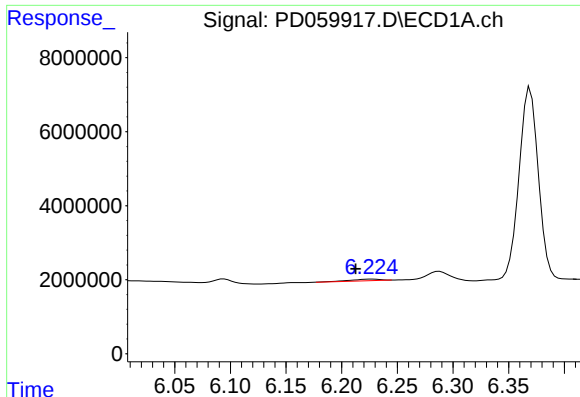
#15 Endosulfan II

R.T.: 6.369 min  
Delta R.T.: 0.008 min  
Response: 63646455  
Conc: 35.32 ng/ml



#15 Endosulfan II

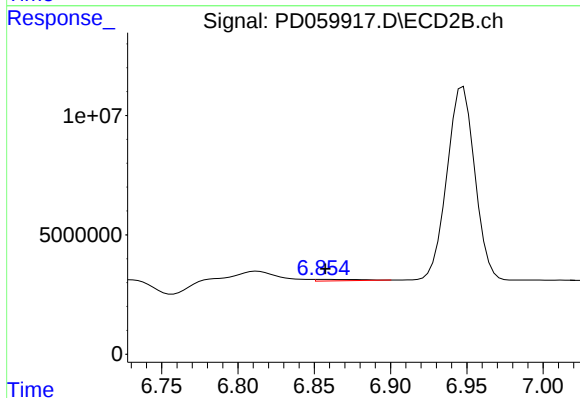
R.T.: 6.948 min  
Delta R.T.: 0.001 min  
Response: 102951768  
Conc: 40.37 ng/ml



#16 4,4'-DDD

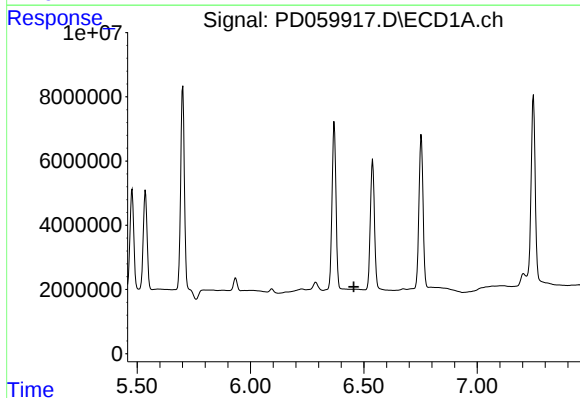
R.T.: 6.226 min  
Delta R.T.: 0.014 min  
Response: 771494  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



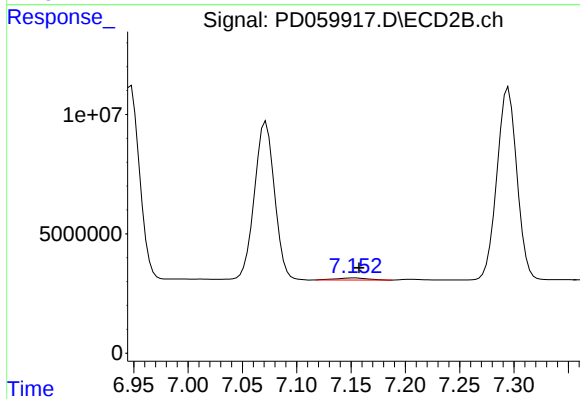
#16 4,4'-DDD

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 1323027  
Conc: 0.56 ng/ml



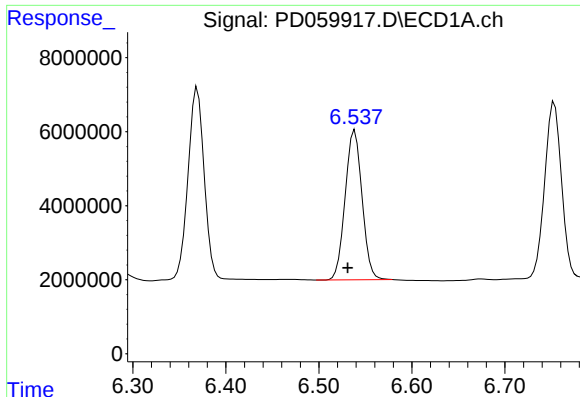
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.456 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

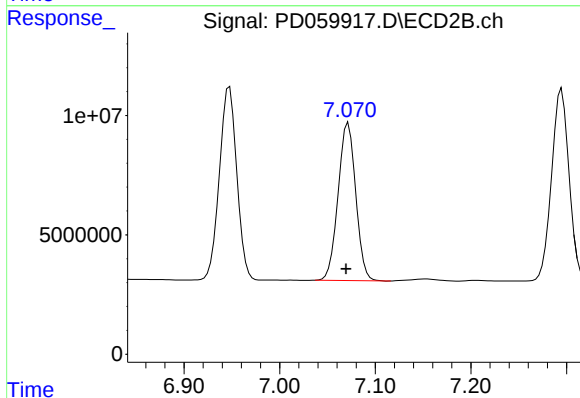
R.T.: 7.153 min  
Delta R.T.: -0.004 min  
Response: 1799104  
Conc: 0.77 ng/ml



#18 Endrin aldehyde

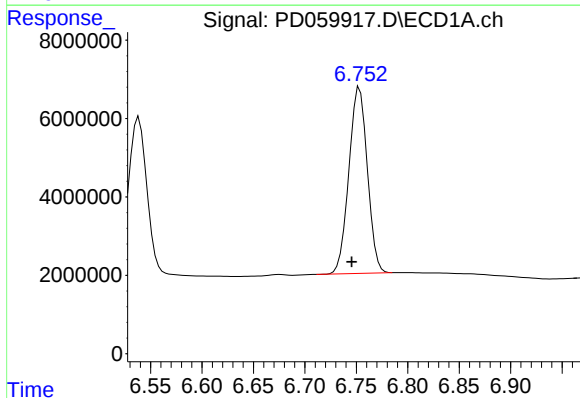
R.T.: 6.539 min  
Delta R.T.: 0.008 min  
Response: 51027468  
Conc: 34.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



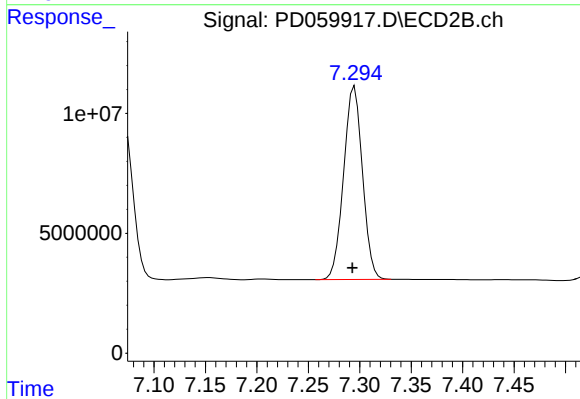
#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.002 min  
Response: 84758584  
Conc: 39.59 ng/ml



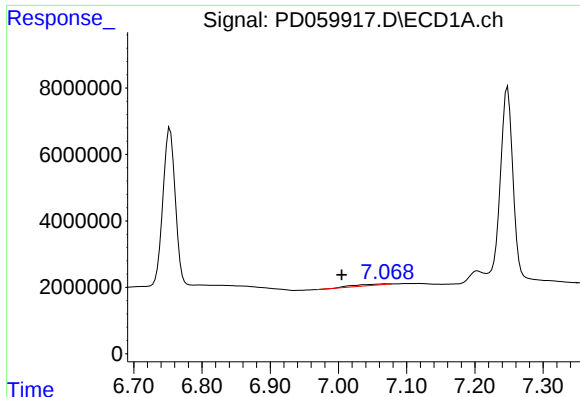
#19 Endosulfan Sulfate

R.T.: 6.753 min  
Delta R.T.: 0.008 min  
Response: 59514191  
Conc: 33.81 ng/ml



#19 Endosulfan Sulfate

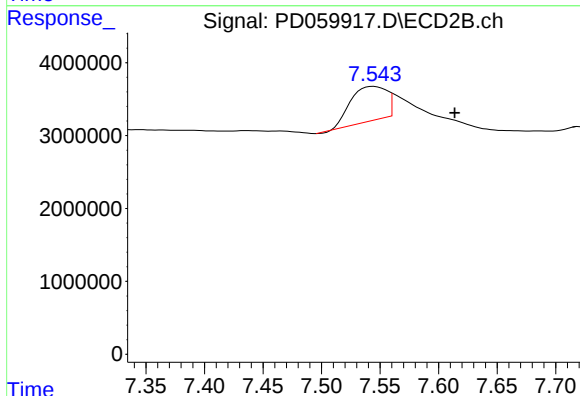
R.T.: 7.295 min  
Delta R.T.: 0.002 min  
Response: 102746555  
Conc: 39.78 ng/ml



#20 Methoxychlor

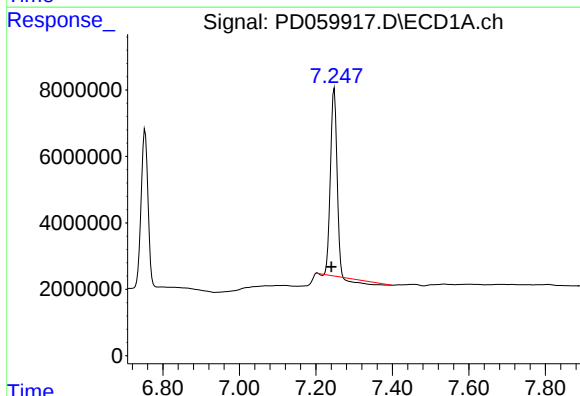
R.T.: 7.069 min  
Delta R.T.: 0.064 min  
Response: 1227448  
Conc: 1.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



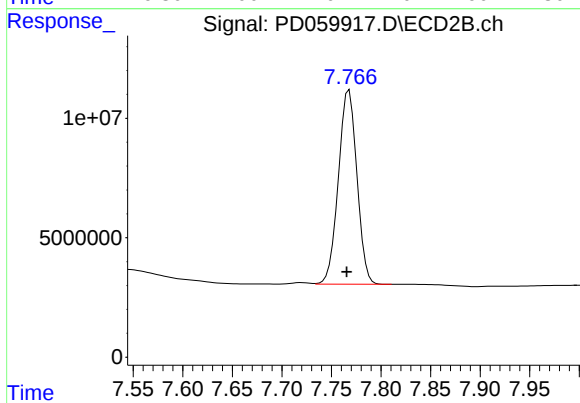
#20 Methoxychlor

R.T.: 7.545 min  
Delta R.T.: -0.069 min  
Response: 10320644  
Conc: 8.62 ng/ml



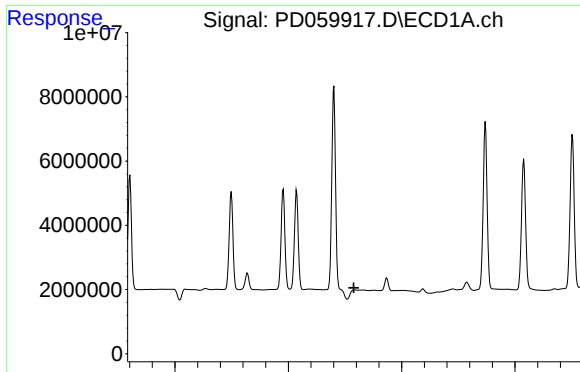
#21 Endrin ketone

R.T.: 7.248 min  
Delta R.T.: 0.008 min  
Response: 62759919  
Conc: 31.30 ng/ml



#21 Endrin ketone

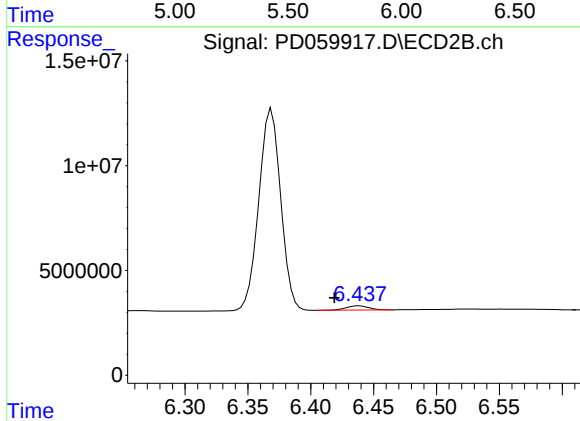
R.T.: 7.768 min  
Delta R.T.: 0.002 min  
Response: 105899134  
Conc: 39.84 ng/ml



#22 Toxaphene-1

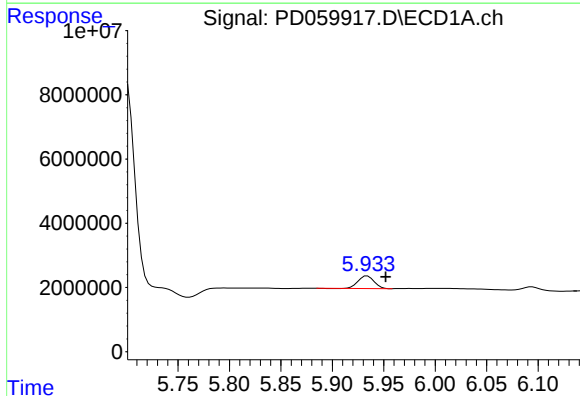
R.T.: 0.000 min  
Exp R.T.: 5.789 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



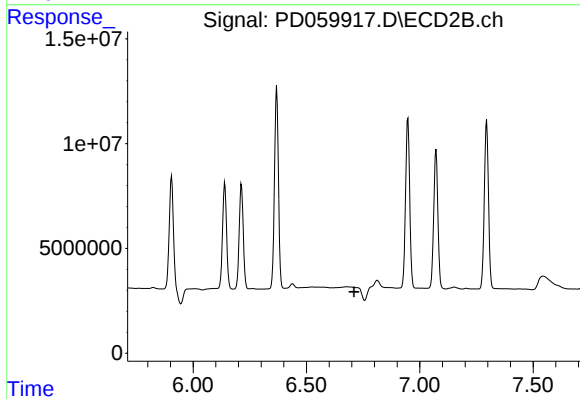
#22 Toxaphene-1

R.T.: 6.439 min  
Delta R.T.: 0.020 min  
Response: 2542752  
Conc: 184.98 ng/ml



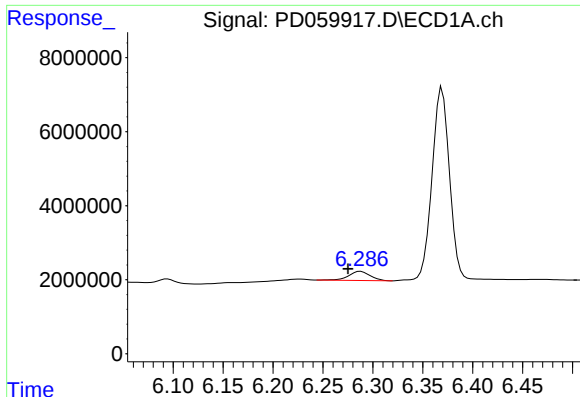
#23 Toxaphene-2

R.T.: 5.934 min  
Delta R.T.: -0.018 min  
Response: 4296986  
Conc: 318.58 ng/ml



#23 Toxaphene-2

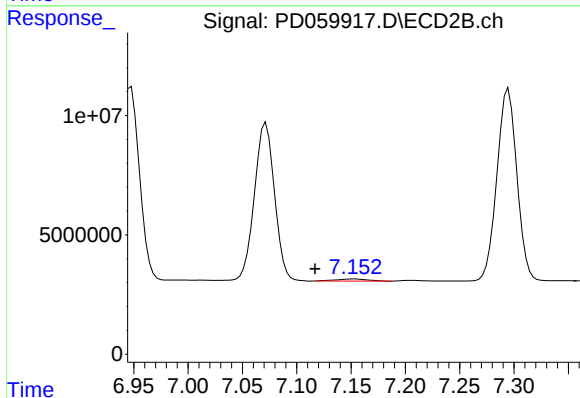
R.T.: 0.000 min  
Exp R.T.: 6.710 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

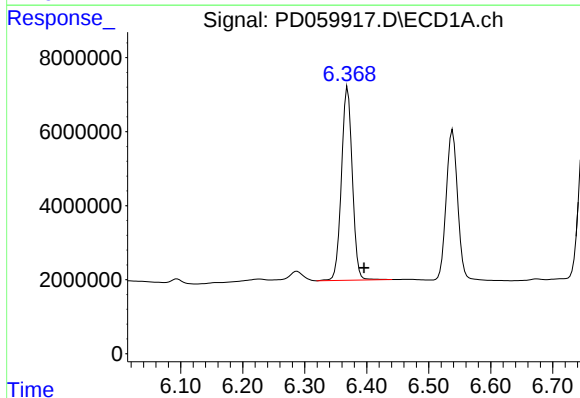
R.T.: 6.288 min  
Delta R.T.: 0.013 min  
Response: 3665466  
Conc: 241.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



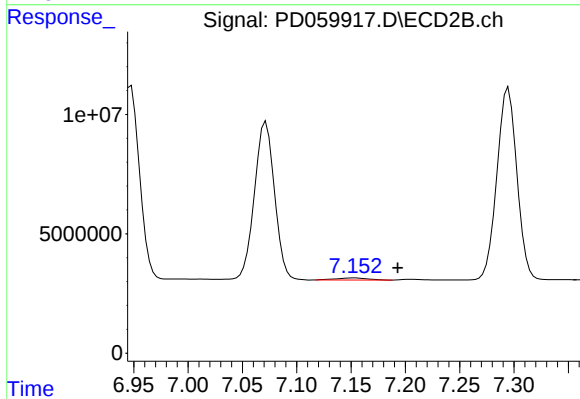
#24 Toxaphene-3

R.T.: 7.153 min  
Delta R.T.: 0.036 min  
Response: 1799104  
Conc: 72.41 ng/ml



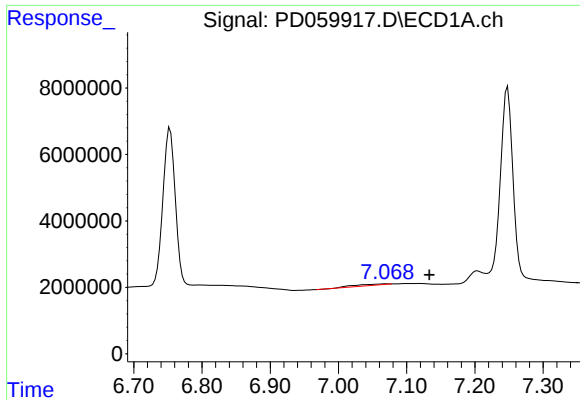
#25 Toxaphene-4

R.T.: 6.369 min  
Delta R.T.: -0.026 min  
Response: 63646455  
Conc: 1858.82 ng/ml



#25 Toxaphene-4

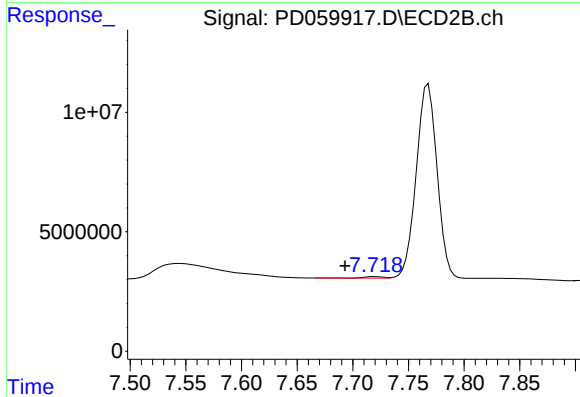
R.T.: 7.153 min  
Delta R.T.: -0.040 min  
Response: 1799104  
Conc: 26.44 ng/ml



#26 Toxaphene-5

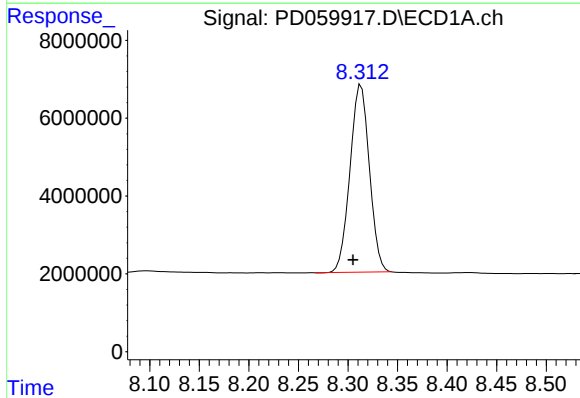
R.T.: 7.069 min  
Delta R.T.: -0.064 min  
Response: 1227448  
Conc: 33.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



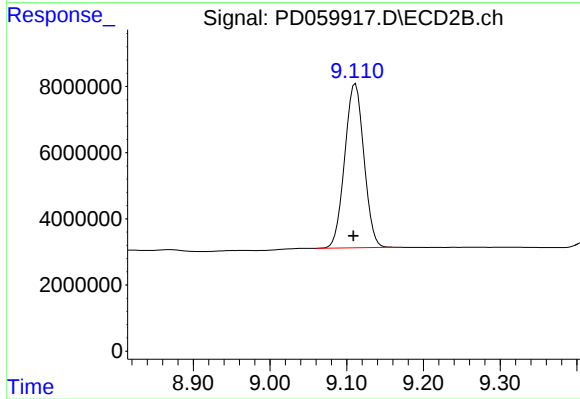
#26 Toxaphene-5

R.T.: 7.720 min  
Delta R.T.: 0.027 min  
Response: 735513  
Conc: 23.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.313 min  
Delta R.T.: 0.008 min  
Response: 65628269  
Conc: 35.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.003 min  
Response: 86687875  
Conc: 41.61 ng/ml