

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
 Data File : PD079607.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2023 16:11  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 20:09:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 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... | 3.574 | 2.802 | 73432956 | 119.2E6  | 45.481  | 51.466     |
| 28)                         | SA Decachlor... | 9.124 | 7.950 | 93425776 | 128.3E6  | 46.573  | 52.623     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.032 | 3.305 | 125.4E6  | 186.3E6  | 47.124  | 53.738     |
| 3)                          | MA gamma-BHC... | 4.365 | 3.635 | 121.3E6  | 182.3E6  | 46.682  | 53.679     |
| 4)                          | MA Heptachlor   | 4.959 | 3.978 | 119.4E6  | 169.5E6  | 44.645  | 55.514     |
| 5)                          | MB Aldrin       | 5.303 | 4.259 | 119.5E6  | 175.2E6  | 46.384  | 53.554     |
| 6)                          | B beta-BHC      | 4.559 | 3.930 | 49086708 | 74531784 | 45.807  | 52.893     |
| 7)                          | B delta-BHC     | 4.808 | 4.161 | 124.1E6  | 185.4E6  | 46.361  | 55.385     |
| 8)                          | B Heptachlo...  | 5.728 | 4.760 | 108.0E6  | 159.4E6  | 46.074  | 53.780     |
| 9)                          | A Endosulfan I  | 6.115 | 5.131 | 100.5E6  | 133.7E6  | 46.337  | 50.513     |
| 10)                         | B gamma-Chl...  | 5.984 | 5.011 | 106.4E6  | 146.4E6  | 46.397  | 51.017     |
| 11)                         | B alpha-Chl...  | 6.064 | 5.075 | 105.8E6  | 150.6E6  | 46.411  | 52.460     |
| 12)                         | B 4,4'-DDE      | 6.235 | 5.264 | 99278820 | 146.7E6  | 46.983  | 55.108     |
| 13)                         | MA Dieldrin     | 6.391 | 5.395 | 108.6E6  | 162.0E6  | 46.611  | 54.563     |
| 14)                         | MA Endrin       | 6.620 | 5.671 | 86416469 | 135.6E6  | 44.371  | 53.001     |
| 15)                         | B Endosulfa...  | 6.838 | 5.964 | 94161790 | 136.6E6  | 46.166  | 54.717     |
| 16)                         | A 4,4'-DDD      | 6.751 | 5.818 | 82848857 | 126.8E6  | 47.128  | 55.526     |
| 17)                         | MA 4,4'-DDT     | 7.067 | 6.070 | 84829332 | 124.3E6  | 44.796  | 54.300     |
| 18)                         | B Endrin al...  | 6.968 | 6.143 | 70315169 | 103.9E6  | 45.532  | 55.861     |
| 19)                         | B Endosulfa...  | 7.202 | 6.366 | 91320506 | 129.0E6  | 45.933  | 55.235     |
| 20)                         | A Methoxychlor  | 7.540 | 6.645 | 47525025 | 70213141 | 43.371  | 51.717     |
| 21)                         | B Endrin ke...  | 7.689 | 6.872 | 103.0E6  | 156.7E6  | 47.239  | 56.033     |
| 22)                         | Mirex           | 8.166 | 7.058 | 76149158 | 114.8E6  | 44.988  | 53.714     |
| 23)                         | Chlordane-1     | 0.000 | 3.800 | 0        | 144143   | N.D.    | 1.660 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.393 | 0        | 177759   | N.D.    | 1.956 #    |
| 25)                         | Chlordane-3     | 5.984 | 5.011 | 106.4E6  | 146.4E6  | 343.144 | 548.828 #  |
| 26)                         | Chlordane-4     | 6.064 | 5.075 | 105.8E6  | 150.6E6  | 284.847 | 613.552 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.964 | 0        | 136.6E6  | N.D.    | 1370.629 # |
| -----                       |                 |       |       |          |          |         |            |

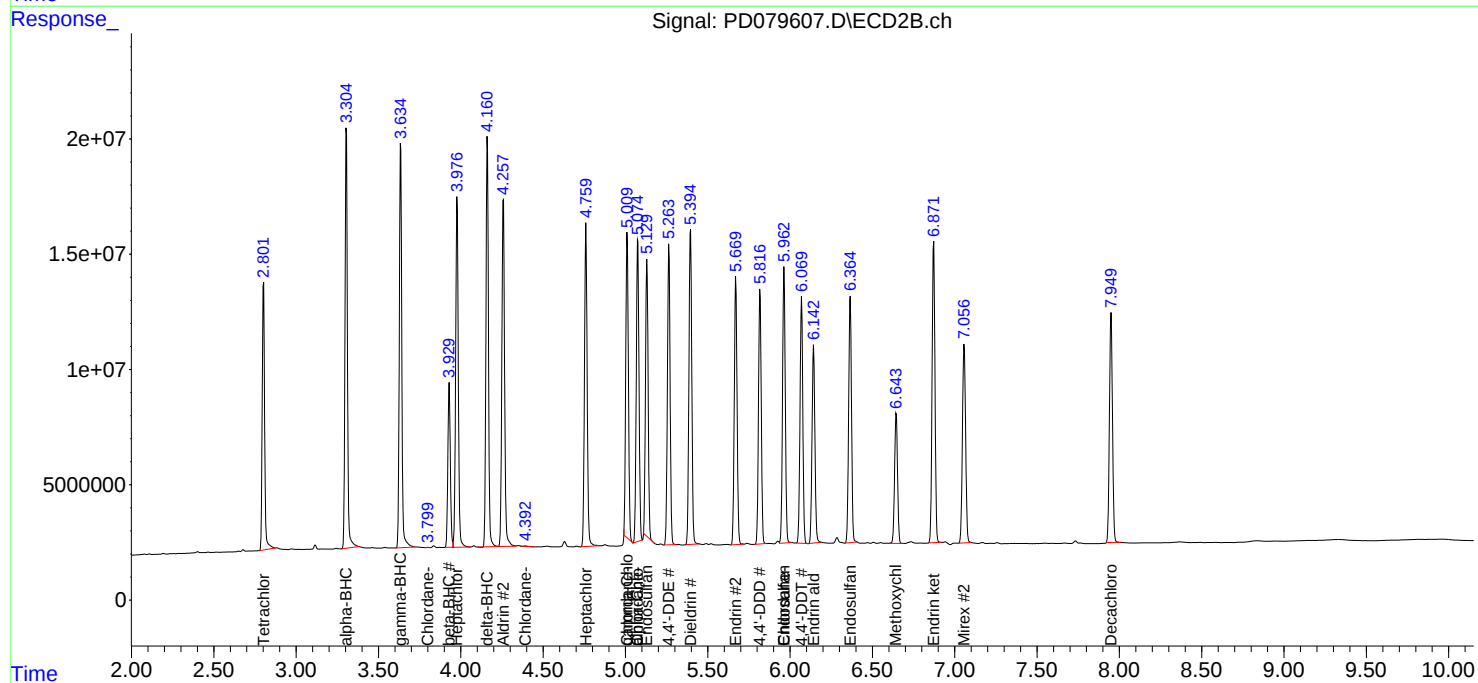
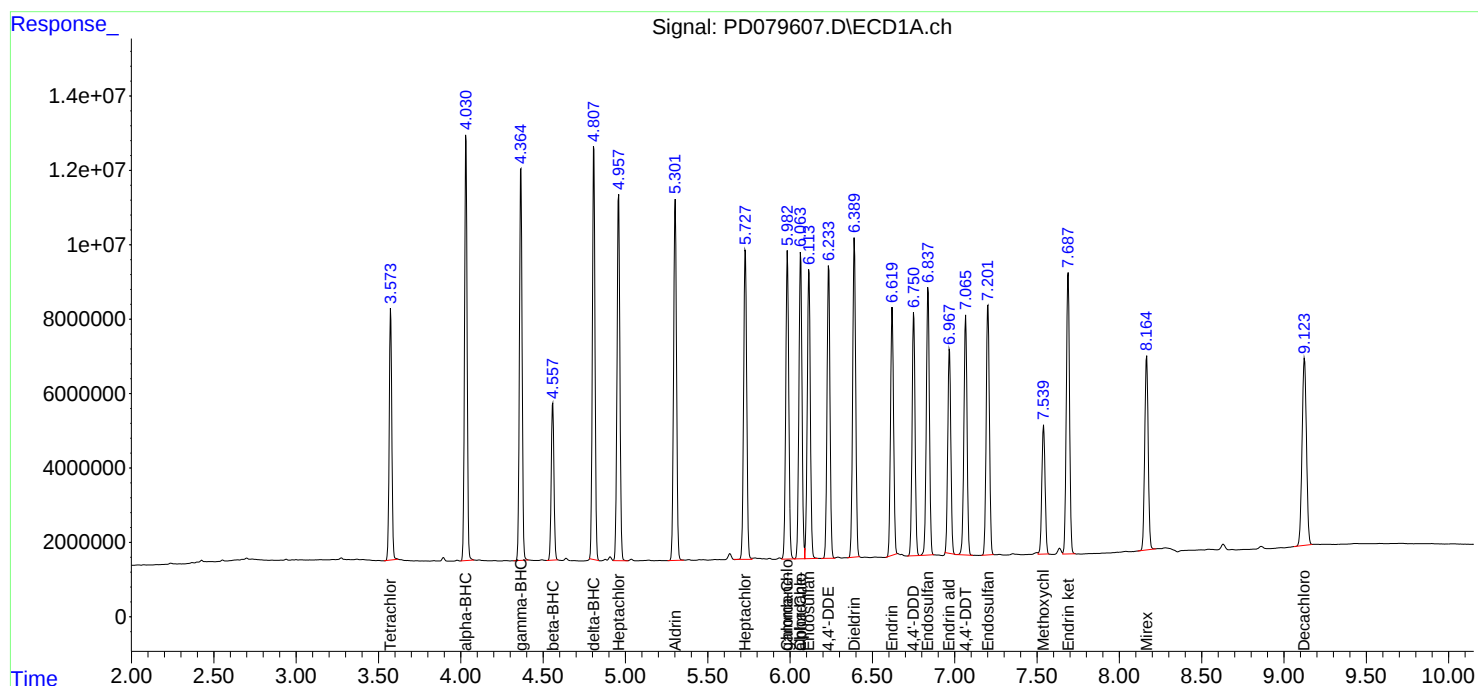
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

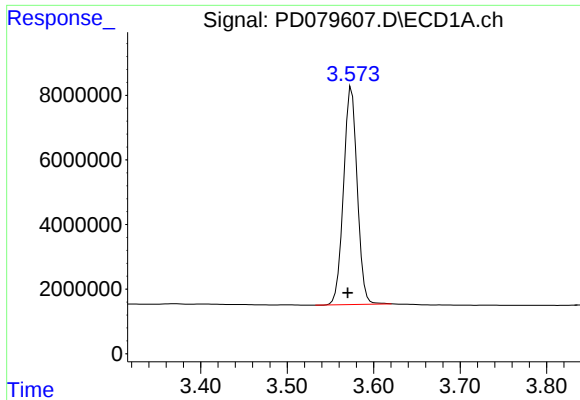
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
Data File : PD079607.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2023 16:11  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 20:09:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 20 04:44:01 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

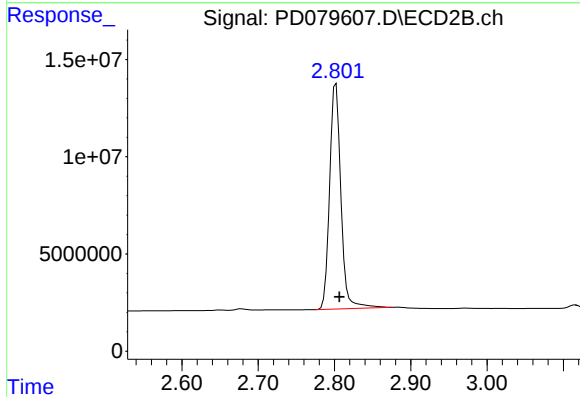




#1 Tetrachloro-m-xylene

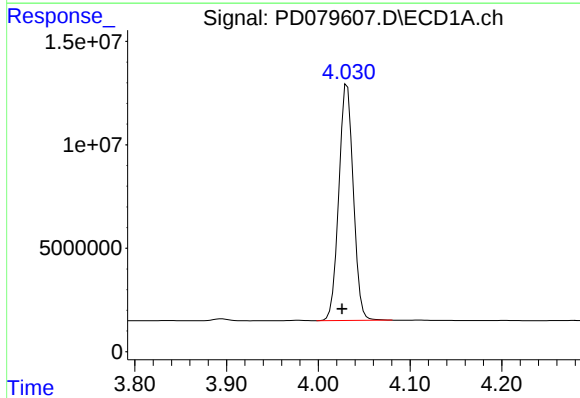
R.T.: 3.574 min  
Delta R.T.: 0.004 min  
Response: 73432956  
Conc: 45.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



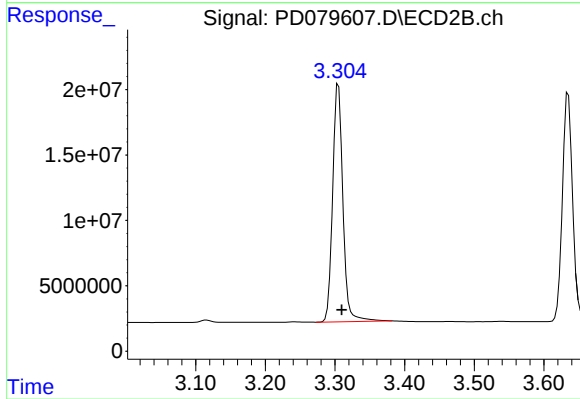
#1 Tetrachloro-m-xylene

R.T.: 2.802 min  
Delta R.T.: -0.004 min  
Response: 119158805  
Conc: 51.47 ng/ml



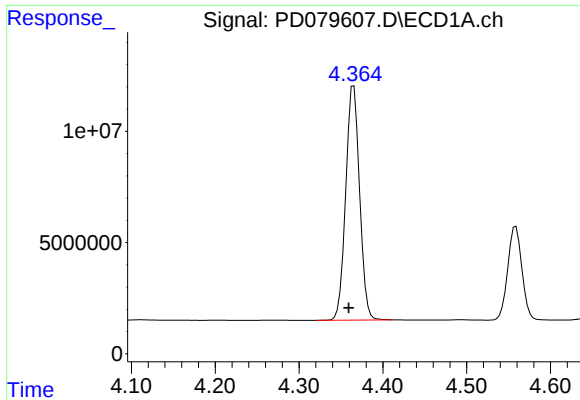
#2 alpha-BHC

R.T.: 4.032 min  
Delta R.T.: 0.006 min  
Response: 125446941  
Conc: 47.12 ng/ml



#2 alpha-BHC

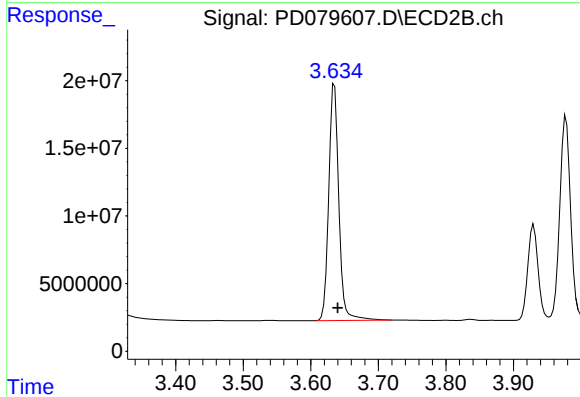
R.T.: 3.305 min  
Delta R.T.: -0.005 min  
Response: 186333839  
Conc: 53.74 ng/ml



#3 gamma-BHC (Lindane)

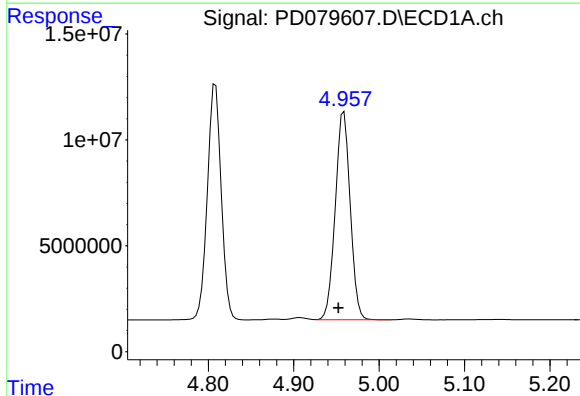
R.T.: 4.365 min  
Delta R.T.: 0.006 min  
Response: 121318442  
Conc: 46.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



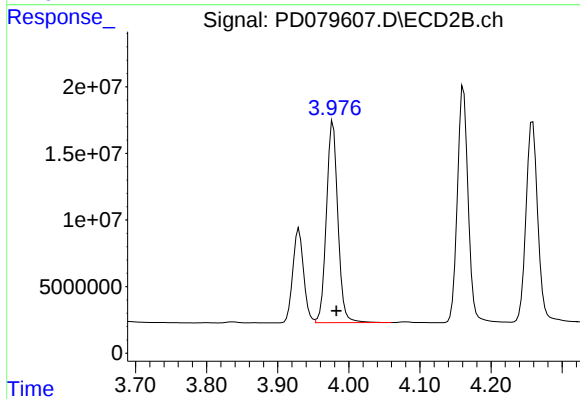
#3 gamma-BHC (Lindane)

R.T.: 3.635 min  
Delta R.T.: -0.005 min  
Response: 182282332  
Conc: 53.68 ng/ml



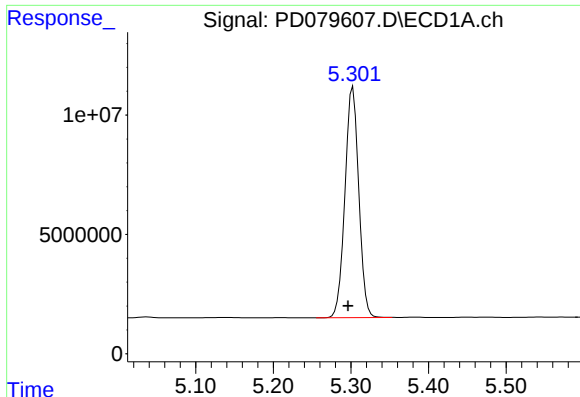
#4 Heptachlor

R.T.: 4.959 min  
Delta R.T.: 0.006 min  
Response: 119423107  
Conc: 44.65 ng/ml



#4 Heptachlor

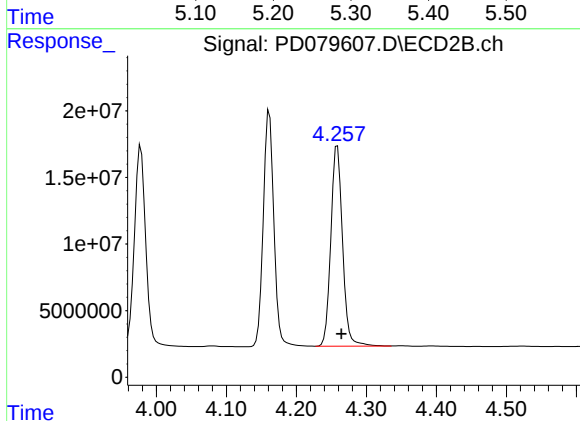
R.T.: 3.978 min  
Delta R.T.: -0.005 min  
Response: 169546943  
Conc: 55.51 ng/ml



#5 Aldrin

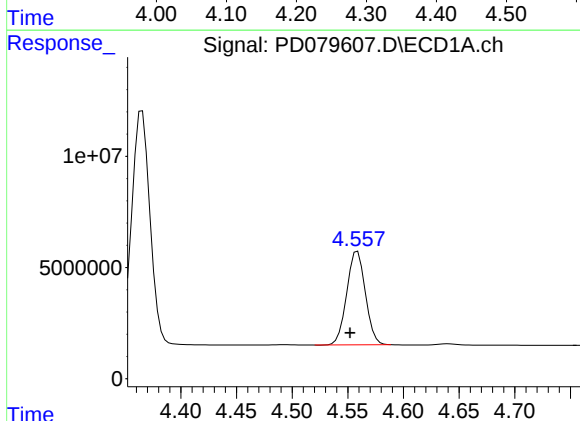
R.T.: 5.303 min  
Delta R.T.: 0.006 min  
Response: 119521158  
Conc: 46.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



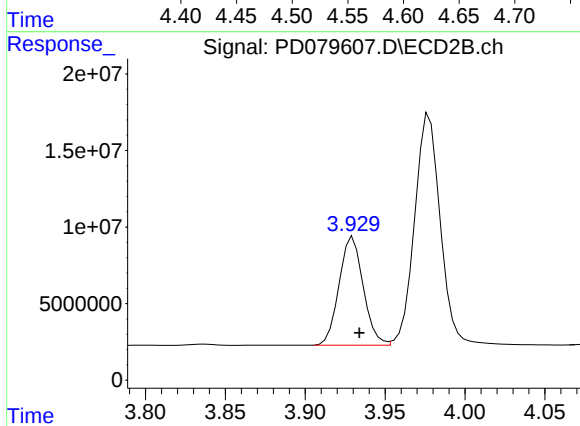
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: -0.006 min  
Response: 175192969  
Conc: 53.55 ng/ml



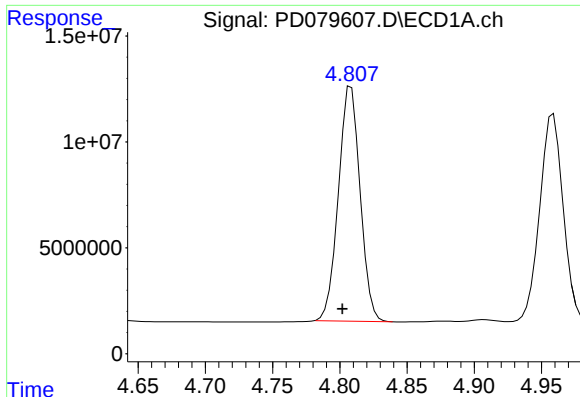
#6 beta-BHC

R.T.: 4.559 min  
Delta R.T.: 0.007 min  
Response: 49086708  
Conc: 45.81 ng/ml



#6 beta-BHC

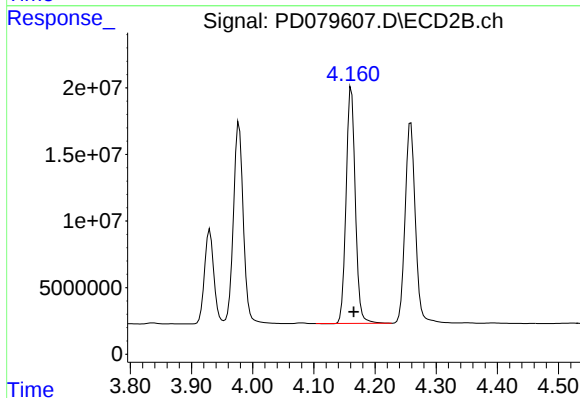
R.T.: 3.930 min  
Delta R.T.: -0.004 min  
Response: 74531784  
Conc: 52.89 ng/ml



#7 delta-BHC

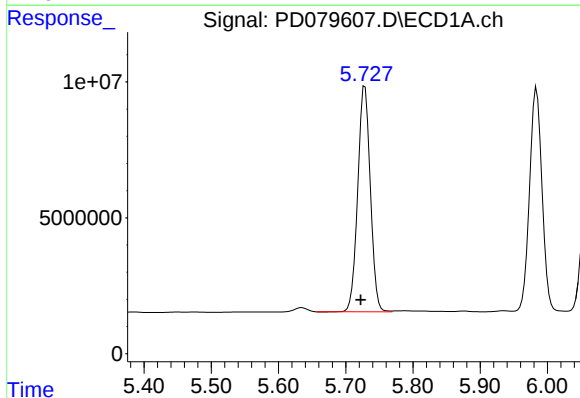
R.T.: 4.808 min  
Delta R.T.: 0.006 min  
Response: 124112076  
Conc: 46.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



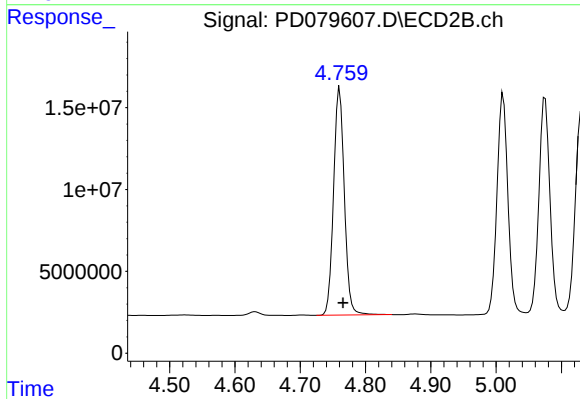
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: -0.004 min  
Response: 185443022  
Conc: 55.39 ng/ml



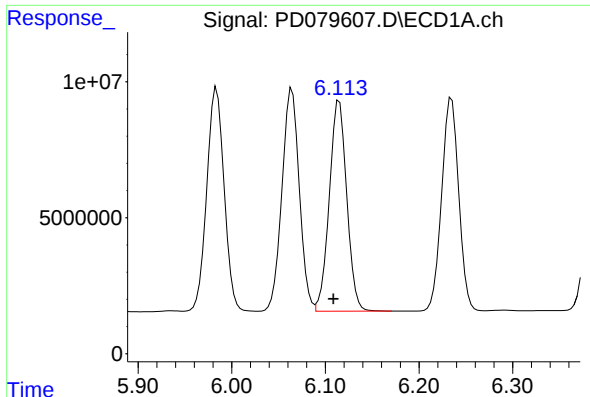
#8 Heptachlor epoxide

R.T.: 5.728 min  
Delta R.T.: 0.006 min  
Response: 107982742  
Conc: 46.07 ng/ml



#8 Heptachlor epoxide

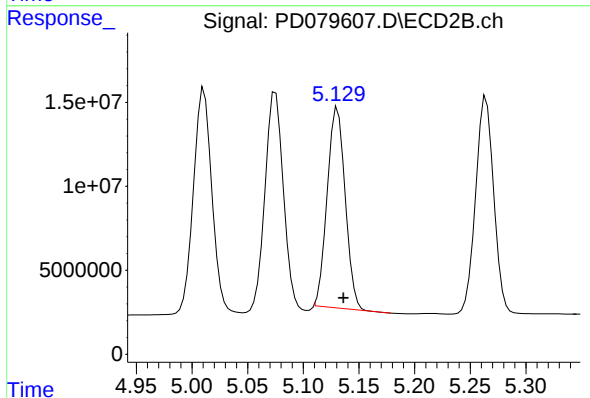
R.T.: 4.760 min  
Delta R.T.: -0.005 min  
Response: 159442036  
Conc: 53.78 ng/ml



#9 Endosulfan I

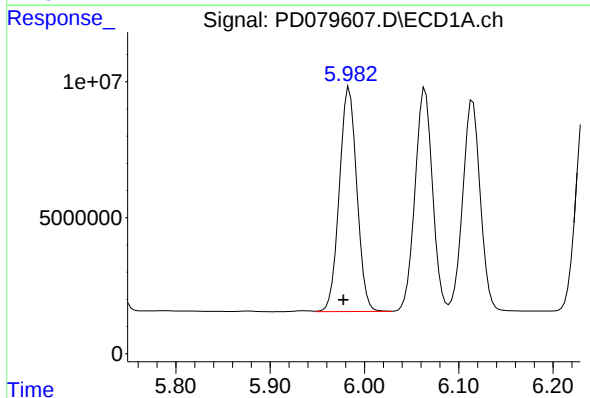
R.T.: 6.115 min  
Delta R.T.: 0.006 min  
Response: 100456156  
Conc: 46.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



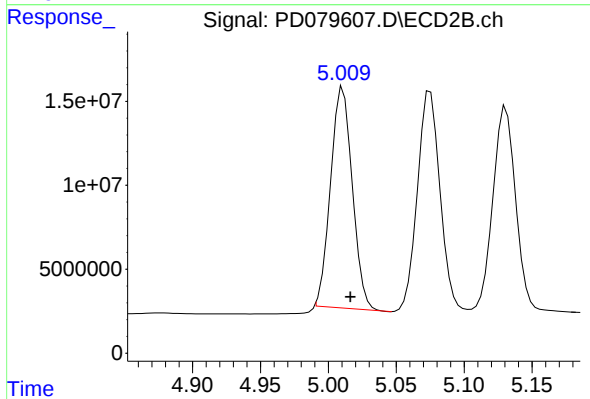
#9 Endosulfan I

R.T.: 5.131 min  
Delta R.T.: -0.005 min  
Response: 133743297  
Conc: 50.51 ng/ml



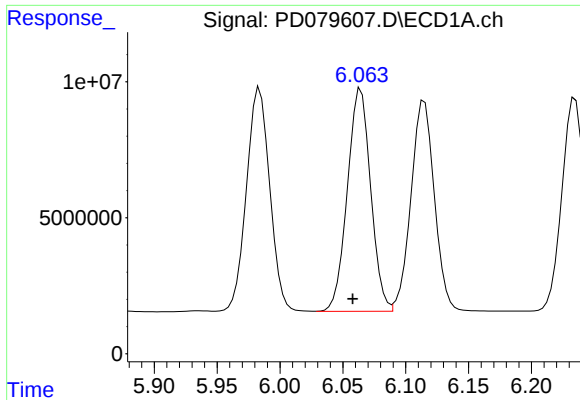
#10 gamma-Chlordane

R.T.: 5.984 min  
Delta R.T.: 0.006 min  
Response: 106376205  
Conc: 46.40 ng/ml



#10 gamma-Chlordane

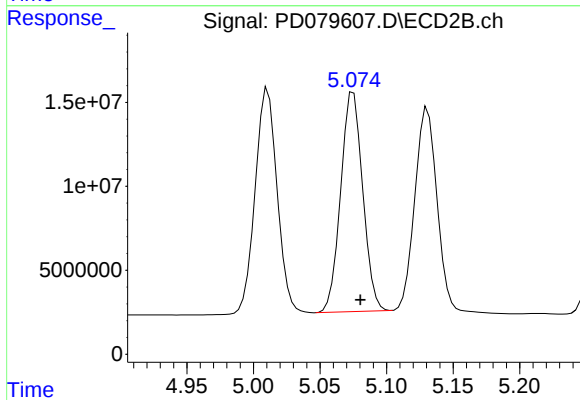
R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: 146389818  
Conc: 51.02 ng/ml



#11 alpha-Chlordane

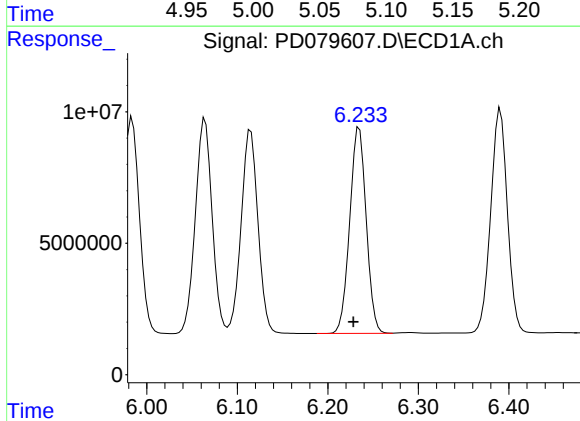
R.T.: 6.064 min  
Delta R.T.: 0.007 min  
Response: 105827405  
Conc: 46.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



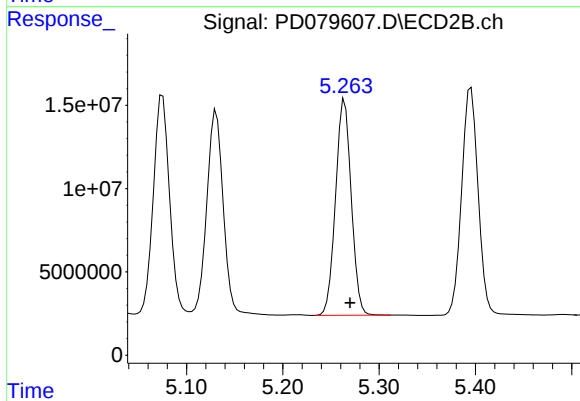
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.005 min  
Response: 150552871  
Conc: 52.46 ng/ml



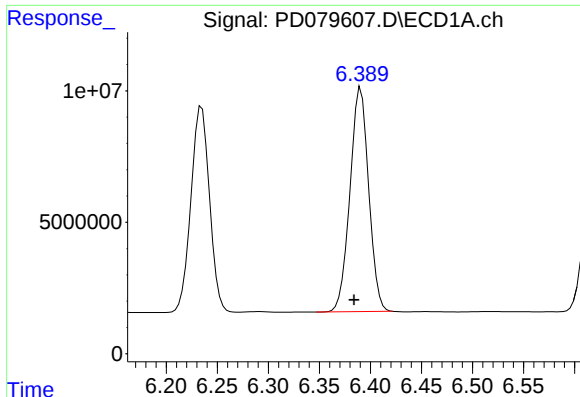
#12 4,4'-DDE

R.T.: 6.235 min  
Delta R.T.: 0.007 min  
Response: 99278820  
Conc: 46.98 ng/ml



#12 4,4'-DDE

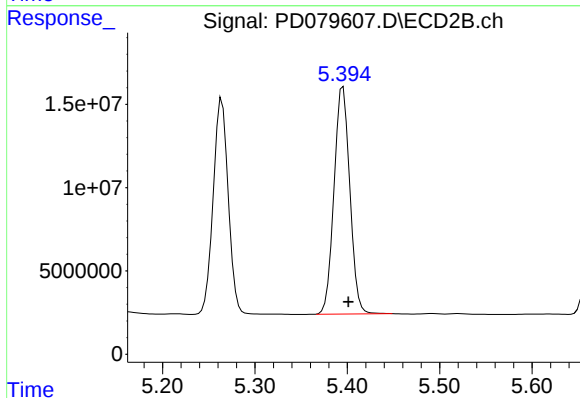
R.T.: 5.264 min  
Delta R.T.: -0.006 min  
Response: 146718625  
Conc: 55.11 ng/ml



#13 Dieldrin

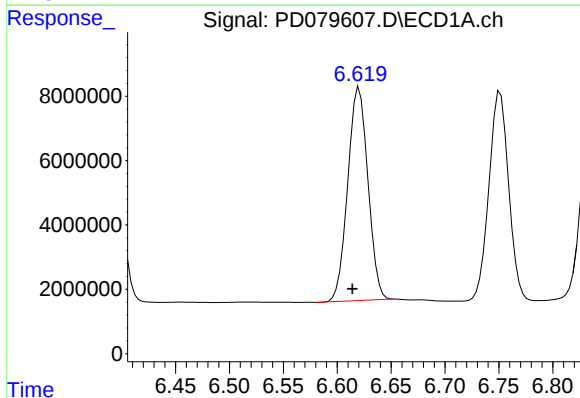
R.T.: 6.391 min  
Delta R.T.: 0.007 min  
Response: 108550096  
Conc: 46.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



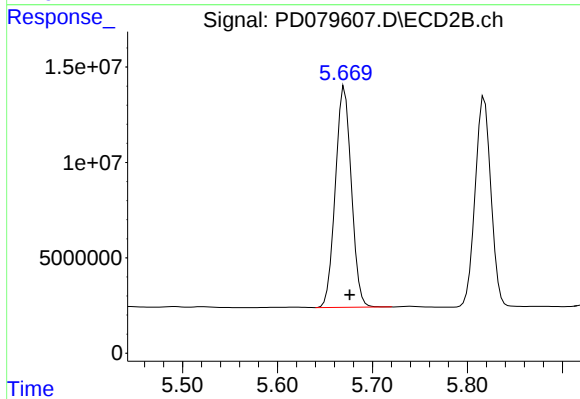
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: -0.006 min  
Response: 162046611  
Conc: 54.56 ng/ml



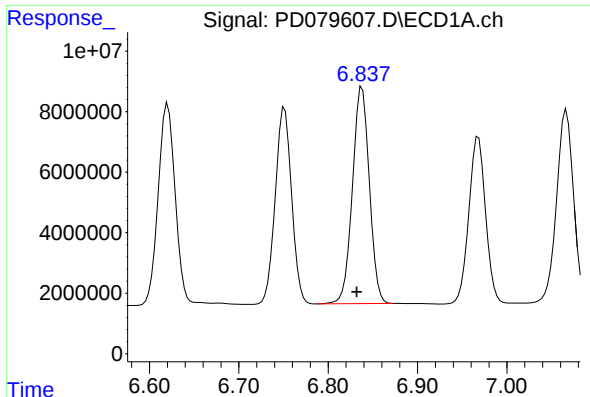
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: 0.006 min  
Response: 86416469  
Conc: 44.37 ng/ml



#14 Endrin

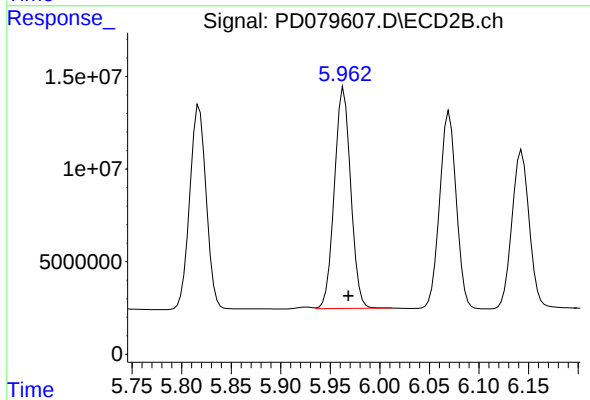
R.T.: 5.671 min  
Delta R.T.: -0.006 min  
Response: 135636770  
Conc: 53.00 ng/ml



#15 Endosulfan II

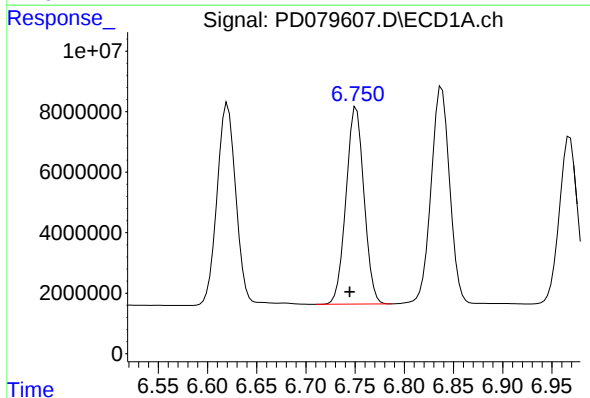
R.T.: 6.838 min  
Delta R.T.: 0.006 min  
Response: 94161790  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



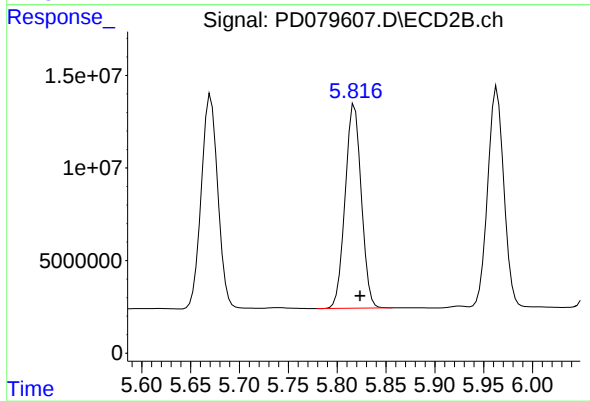
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: -0.005 min  
Response: 136602598  
Conc: 54.72 ng/ml



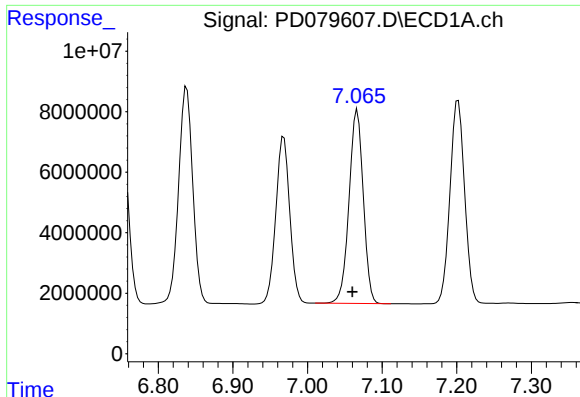
#16 4,4'-DDD

R.T.: 6.751 min  
Delta R.T.: 0.006 min  
Response: 82848857  
Conc: 47.13 ng/ml



#16 4,4'-DDD

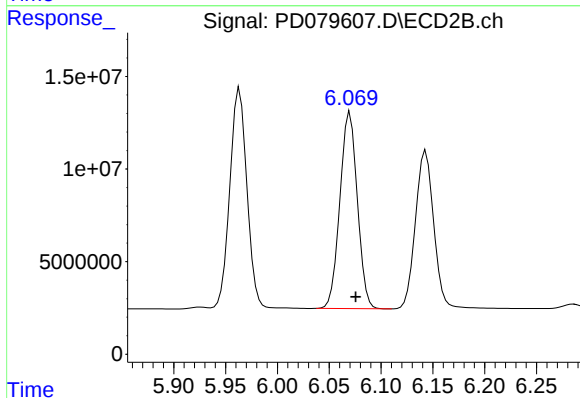
R.T.: 5.818 min  
Delta R.T.: -0.006 min  
Response: 126835184  
Conc: 55.53 ng/ml



#17 4,4'-DDT

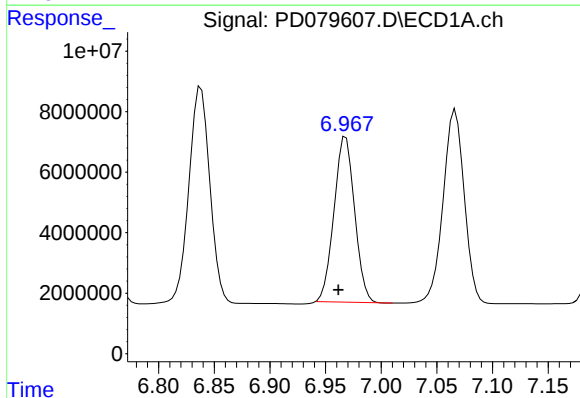
R.T.: 7.067 min  
Delta R.T.: 0.007 min  
Response: 84829332  
Conc: 44.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



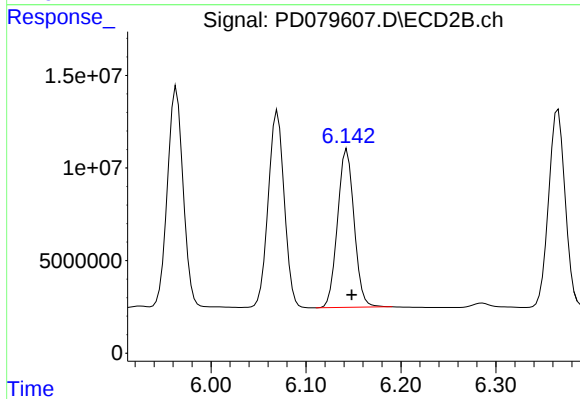
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 124313631  
Conc: 54.30 ng/ml



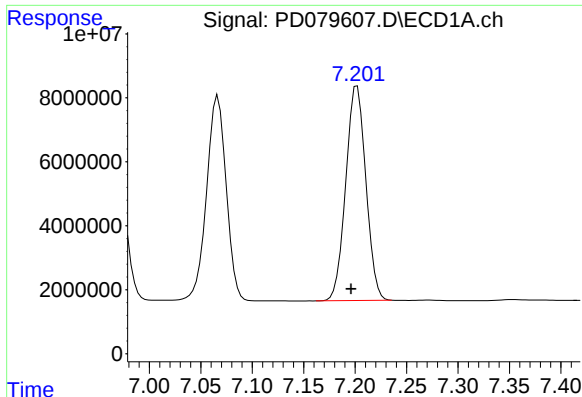
#18 Endrin aldehyde

R.T.: 6.968 min  
Delta R.T.: 0.007 min  
Response: 70315169  
Conc: 45.53 ng/ml



#18 Endrin aldehyde

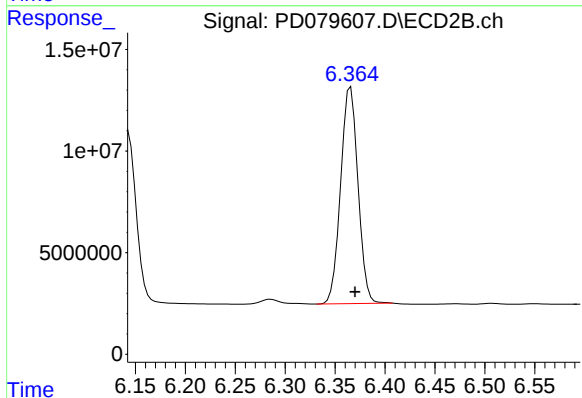
R.T.: 6.143 min  
Delta R.T.: -0.005 min  
Response: 103863773  
Conc: 55.86 ng/ml



#19 Endosulfan Sulfate

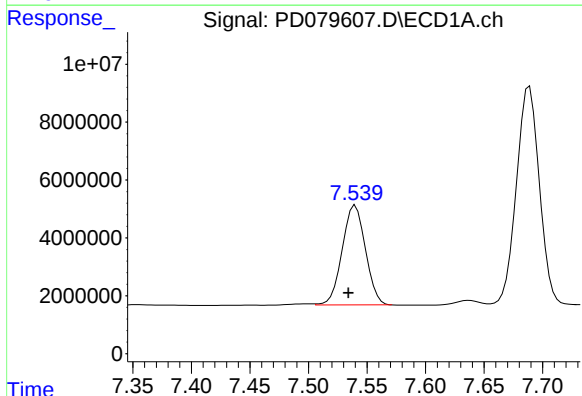
R.T.: 7.202 min  
Delta R.T.: 0.006 min  
Response: 91320506  
Conc: 45.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



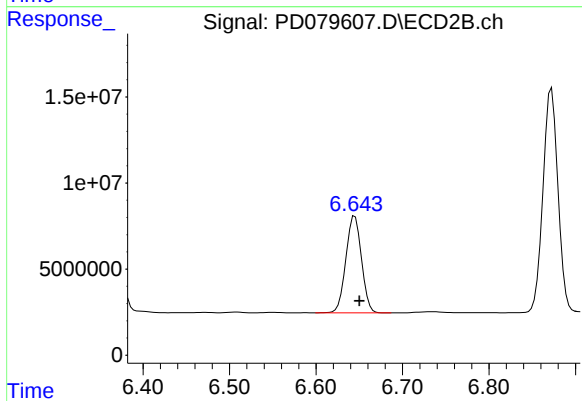
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: -0.004 min  
Response: 128964362  
Conc: 55.24 ng/ml



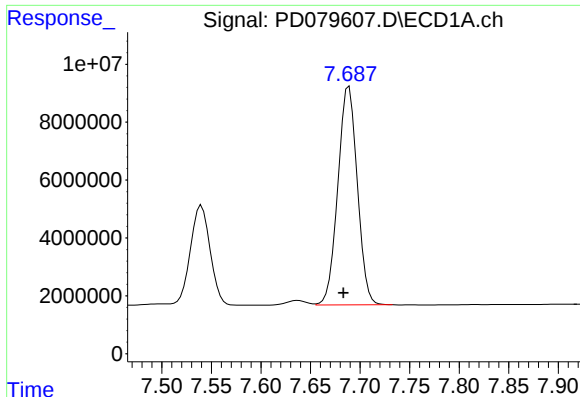
#20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.006 min  
Response: 47525025  
Conc: 43.37 ng/ml



#20 Methoxychlor

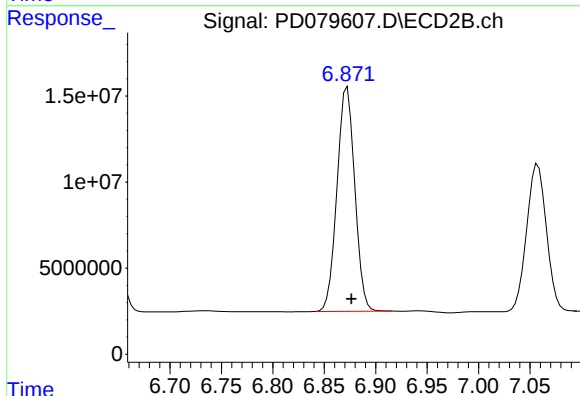
R.T.: 6.645 min  
Delta R.T.: -0.005 min  
Response: 70213141  
Conc: 51.72 ng/ml



#21 Endrin ketone

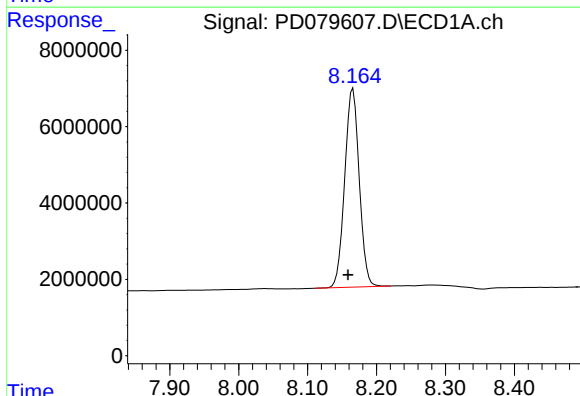
R.T.: 7.689 min  
Delta R.T.: 0.006 min  
Response: 102988954  
Conc: 47.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



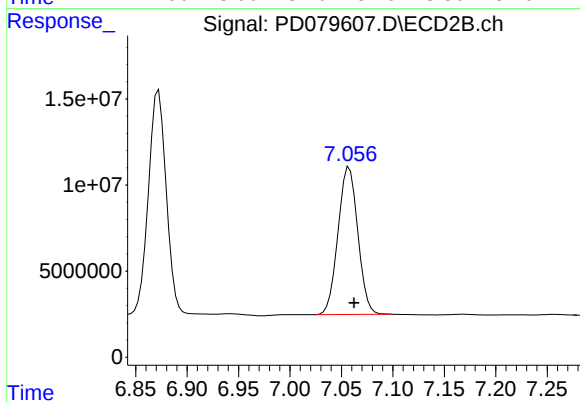
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: -0.004 min  
Response: 156653516  
Conc: 56.03 ng/ml



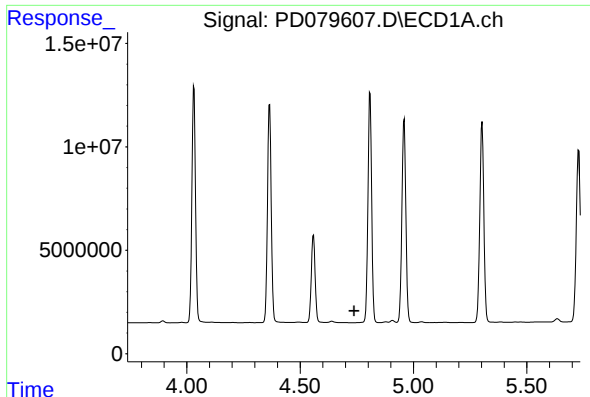
#22 Mirex

R.T.: 8.166 min  
Delta R.T.: 0.007 min  
Response: 76149158  
Conc: 44.99 ng/ml



#22 Mirex

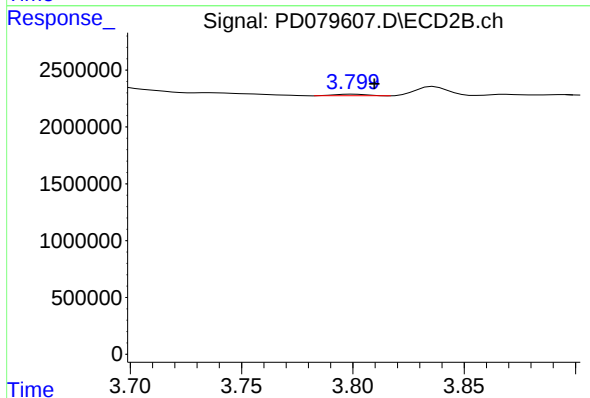
R.T.: 7.058 min  
Delta R.T.: -0.005 min  
Response: 114750366  
Conc: 53.71 ng/ml



#23 Chlordane-1

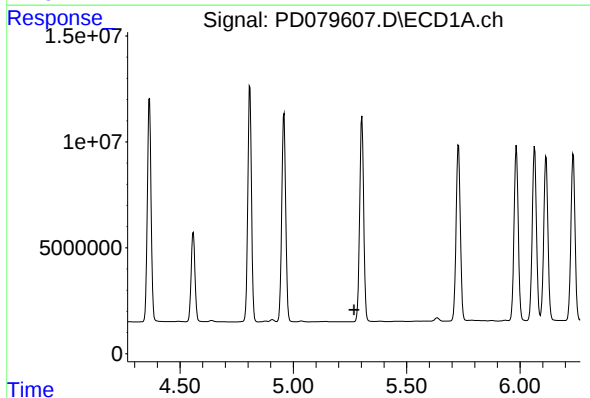
R.T.: 0.000 min  
Exp R.T.: 4.738 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



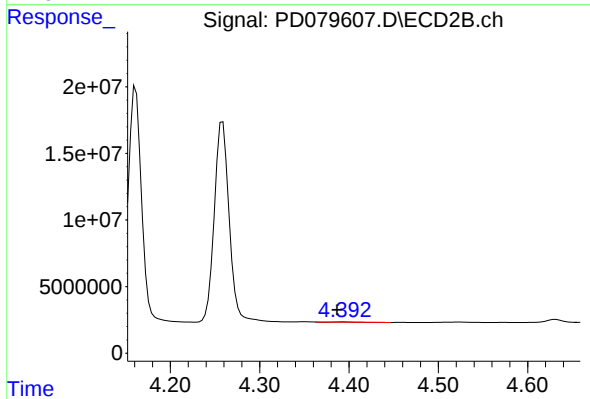
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: -0.010 min  
Response: 144143  
Conc: 1.66 ng/ml



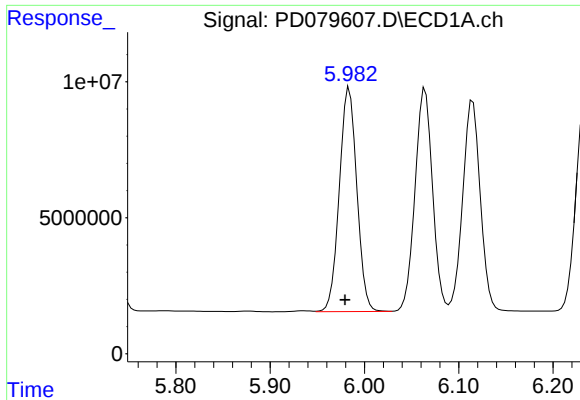
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.268 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

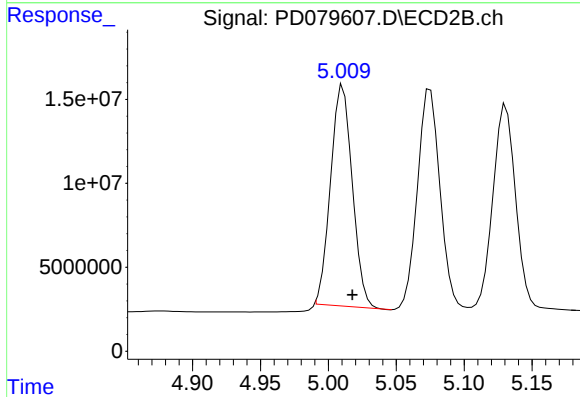
R.T.: 4.393 min  
Delta R.T.: 0.006 min  
Response: 177759  
Conc: 1.96 ng/ml



#25 Chlordane-3

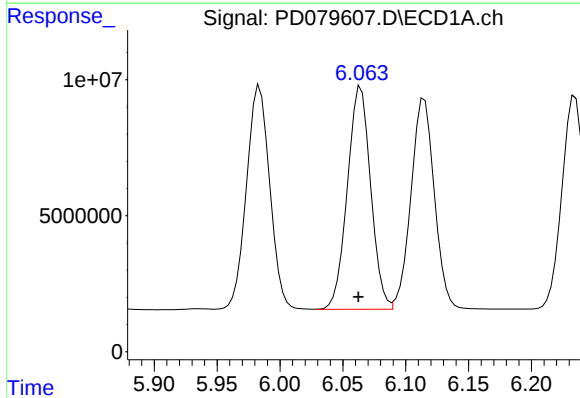
R.T.: 5.984 min  
Delta R.T.: 0.005 min  
Response: 106376205  
Conc: 343.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



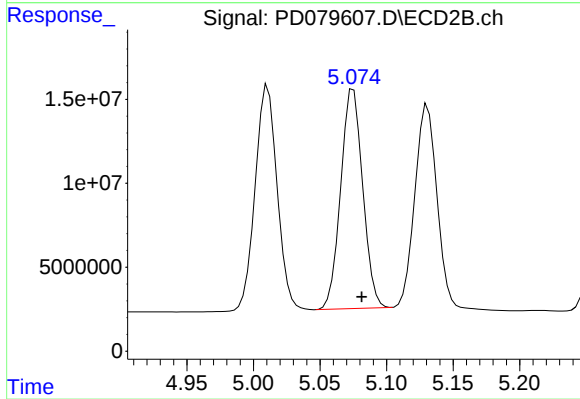
#25 Chlordane-3

R.T.: 5.011 min  
Delta R.T.: -0.007 min  
Response: 146389818  
Conc: 548.83 ng/ml



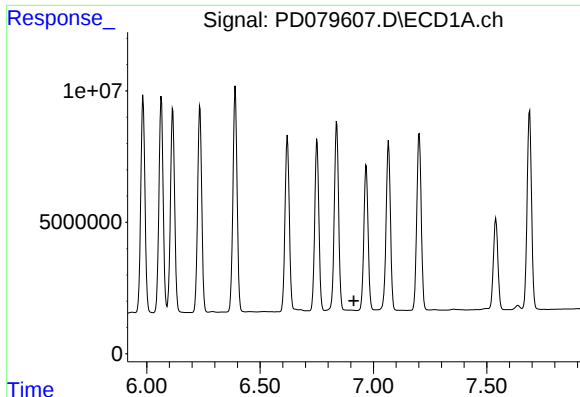
#26 Chlordane-4

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 105827405  
Conc: 284.85 ng/ml



#26 Chlordane-4

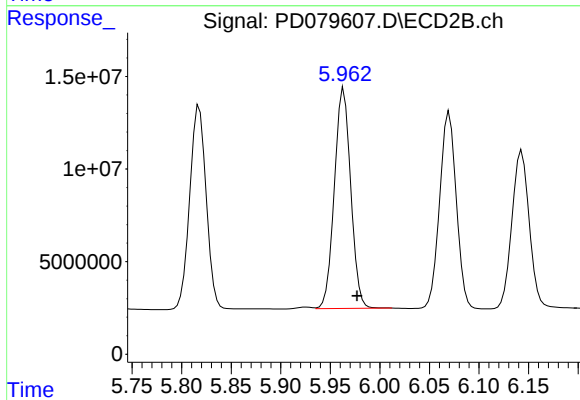
R.T.: 5.075 min  
Delta R.T.: -0.006 min  
Response: 150552871  
Conc: 613.55 ng/ml



#27 Chlordane-5

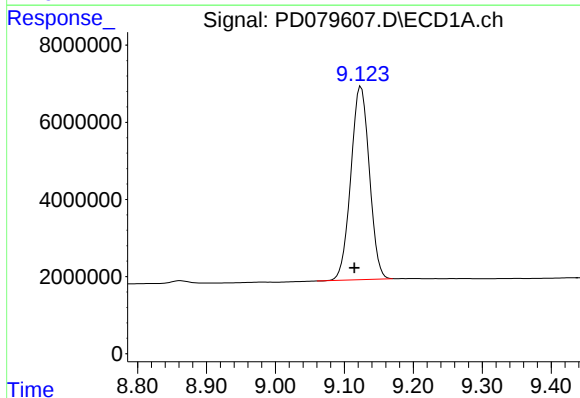
R.T.: 0.000 min  
Exp R.T.: 6.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



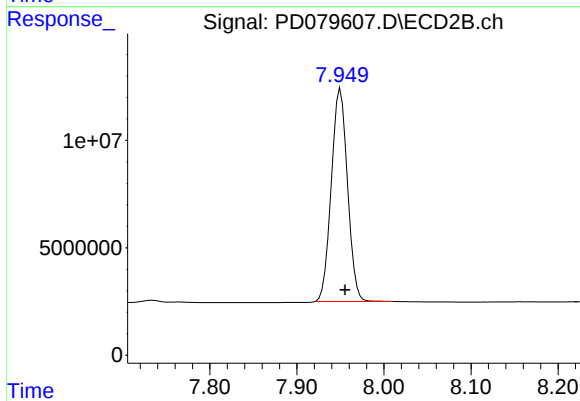
#27 Chlordane-5

R.T.: 5.964 min  
Delta R.T.: -0.013 min  
Response: 136602598  
Conc: 1370.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: 0.009 min  
Response: 93425776  
Conc: 46.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: -0.005 min  
Response: 128268983  
Conc: 52.62 ng/ml