

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092423\  
 Data File : PD078259.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2023 22:41  
 Operator : AR\AJ  
 Sample : 04567-  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 01:08:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 01 16:18:56 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... | 3.540  | 2.758  | 25682850 | 18181081 | 10.115  | 11.495    |
| 28)                         | SA Decachlor... | 9.076  | 7.894  | 27312346 | 21111614 | 8.966   | 12.234 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.030f | 3.240f | 2001570  | 112227   | 0.487   | 0.049 #   |
| 4)                          | MA Heptachlor   | 4.919  | 3.927  | 750200   | 780924   | 0.191   | 0.347 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.236f | 0        | 745460   | N.D.    | 0.327 #   |
| 7)                          | B delta-BHC     | 4.780  | 4.111  | 3511933  | 229169   | 0.953   | 0.106 #   |
| 10)                         | B gamma-Chl...  | 5.948  | 4.983f | 89586588 | 159.6E6  | 25.448  | 79.413 #  |
| 11)                         | B alpha-Chl...  | 6.031  | 5.022  | 297.2E6  | 65737298 | 83.527  | 32.629 #  |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.211  | 7790076  | 4679371  | 2.420   | 2.564     |
| 13)                         | MA Dieldrin     | 6.326f | 5.347  | 389052   | 1942777  | 0.109   | 0.951 #   |
| 15)                         | B Endosulfa...  | 6.779f | 5.919  | 2323106  | 14080339 | 0.750   | 8.229 #   |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.015  | 2640006  | 4316195  | 1.009   | 3.055 #   |
| 18)                         | B Endrin al...  | 6.932  | 6.120f | -1945988 | 1342668  | N.D.    | 0.995     |
| 19)                         | B Endosulfa...  | 7.173  | 6.313  | 1714984  | 593056   | 0.604   | 0.370 #   |
| 21)                         | B Endrin ke...  | 7.678f | 6.851f | 6316767  | 319052   | 1.944   | 0.169 #   |
| 23)                         | Chlordane-1     | 4.703  | 3.754  | 5017884  | 2784985  | 42.929  | 48.905    |
| 24)                         | Chlordane-2     | 5.230  | 4.333  | 10180764 | 7746473  | 79.767  | 121.626 # |
| 25)                         | Chlordane-3     | 5.948  | 4.983f | 89586588 | 159.6E6  | 178.324 | 813.627 # |
| 26)                         | Chlordane-4     | 6.031  | 5.022  | 297.2E6  | 65737298 | 482.488 | 347.407 # |
| 27)                         | Chlordane-5     | 6.880  | 5.919  | 18069908 | 14080339 | 178.527 | 218.850   |
| -----                       |                 |        |        |          |          |         |           |

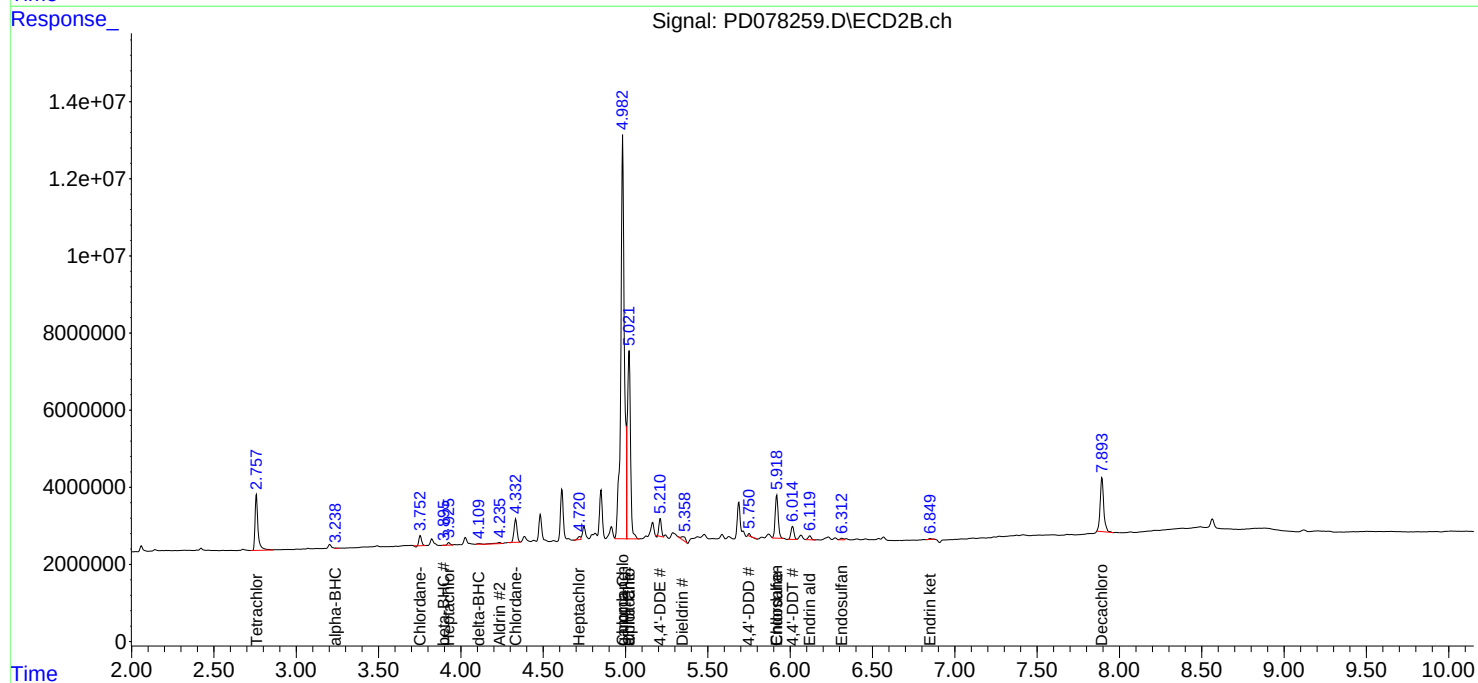
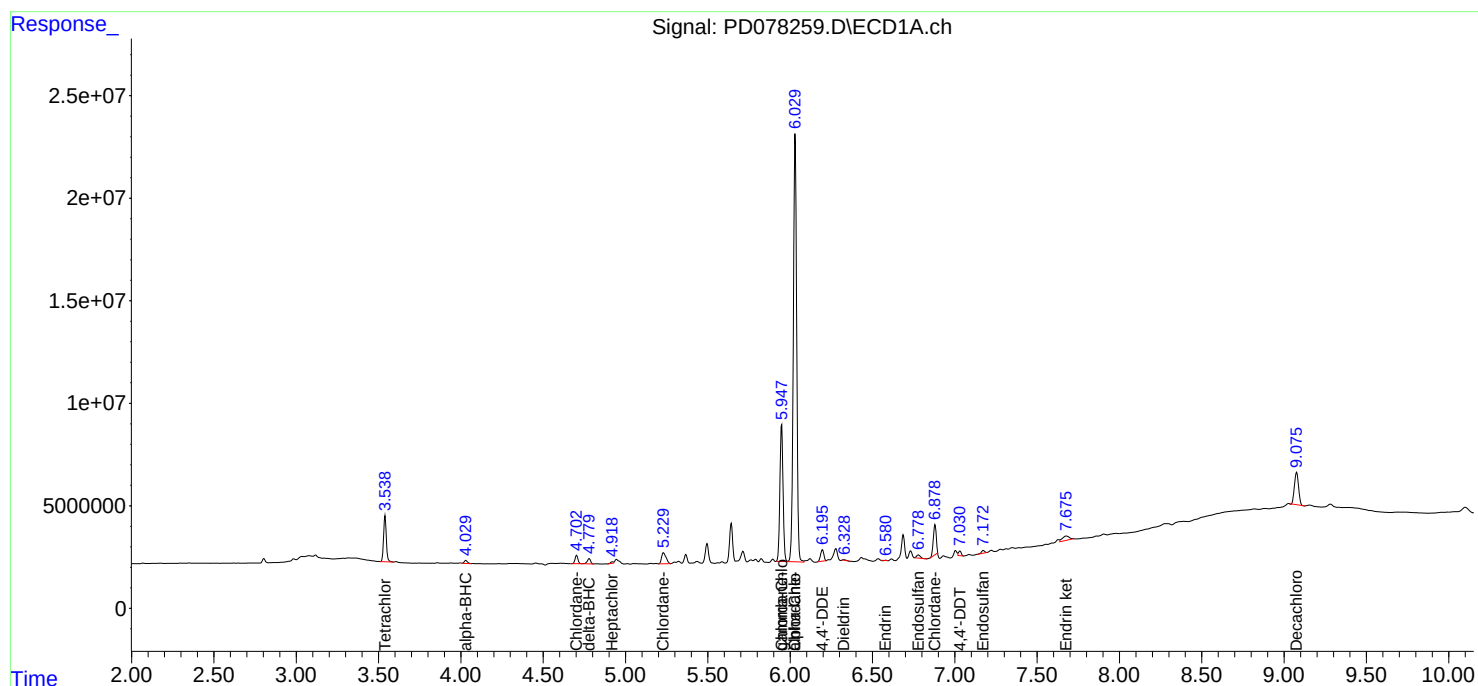
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

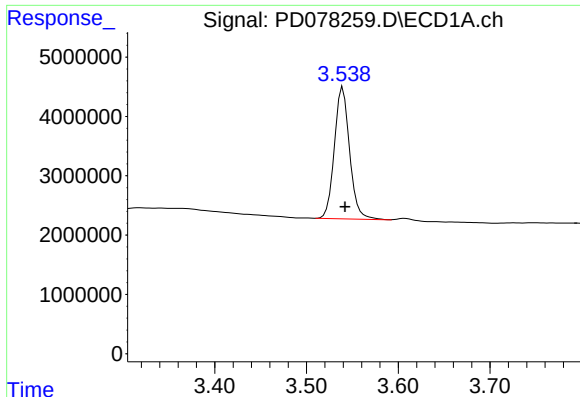
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092423\  
Data File : PD078259.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Sep 2023 22:41  
Operator : AR\AJ  
Sample : 04567-  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 01:08:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 01 16:18:56 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

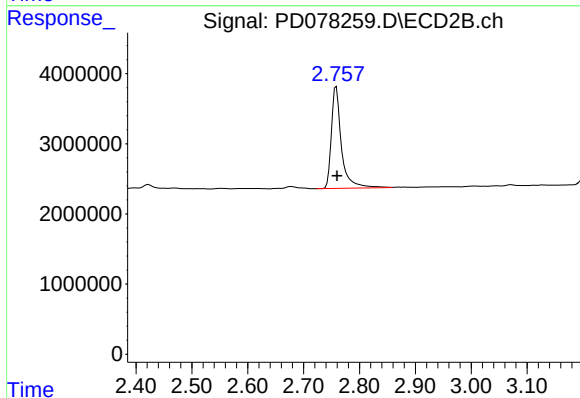




#1 Tetrachloro-m-xylene

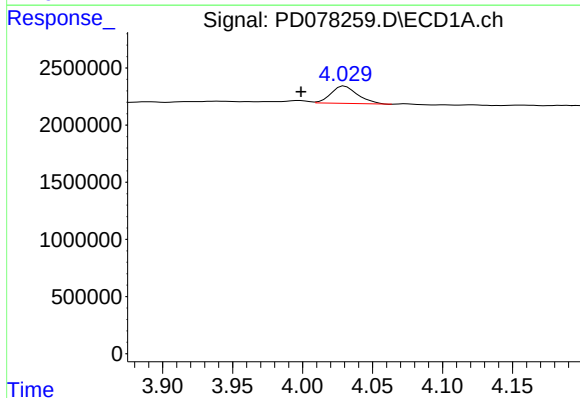
R.T.: 3.540 min  
Delta R.T.: -0.002 min  
Response: 25682850  
Conc: 10.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



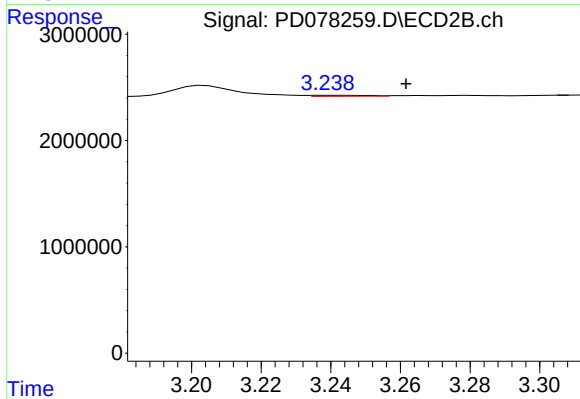
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: -0.002 min  
Response: 18181081  
Conc: 11.50 ng/ml



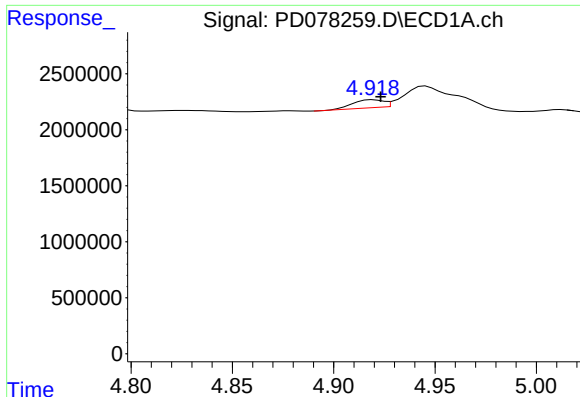
#2 alpha-BHC

R.T.: 4.030 min  
Delta R.T.: 0.031 min  
Response: 2001570  
Conc: 0.49 ng/ml



#2 alpha-BHC

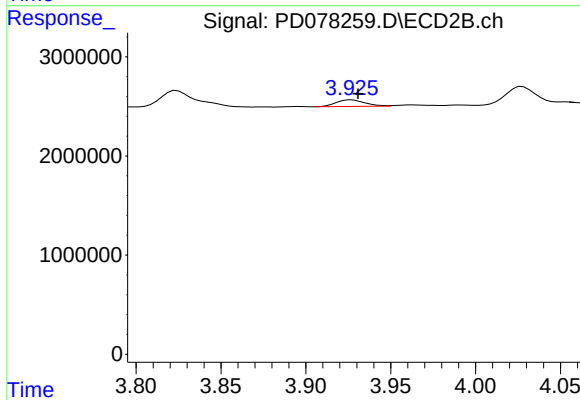
R.T.: 3.240 min  
Delta R.T.: -0.022 min  
Response: 112227  
Conc: 0.05 ng/ml



#4 Heptachlor

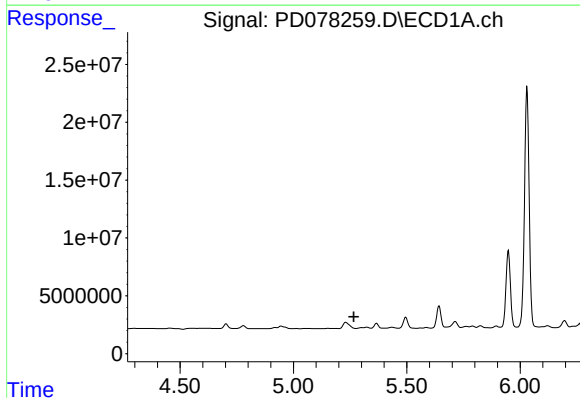
R.T.: 4.919 min  
Delta R.T.: -0.004 min  
Response: 750200  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



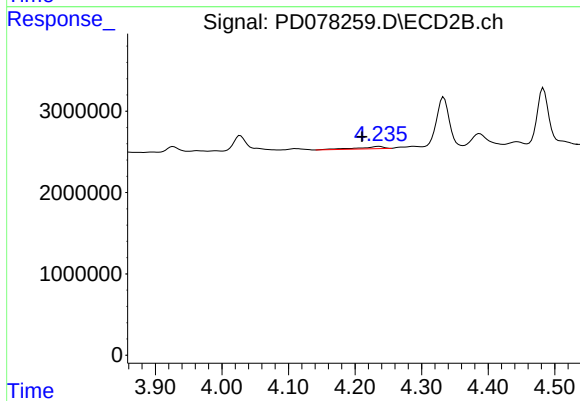
#4 Heptachlor

R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 780924  
Conc: 0.35 ng/ml



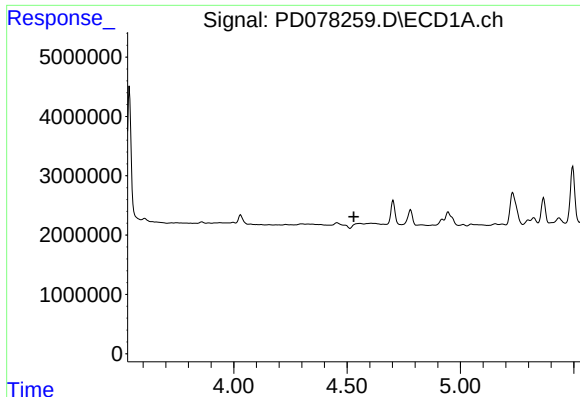
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.266 min  
Response: 0  
Conc: N.D.



#5 Aldrin

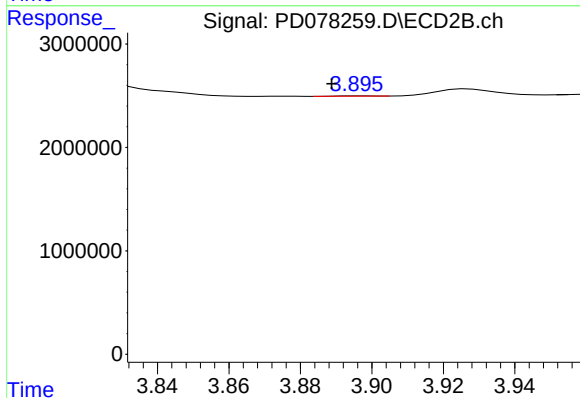
R.T.: 4.236 min  
Delta R.T.: 0.025 min  
Response: 745460  
Conc: 0.33 ng/ml



#6 beta-BHC

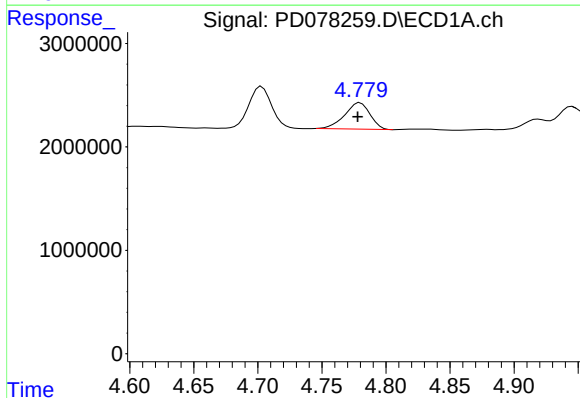
R.T.: 4.556 min  
Delta R.T.: 0.026 min  
Response: -143762  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



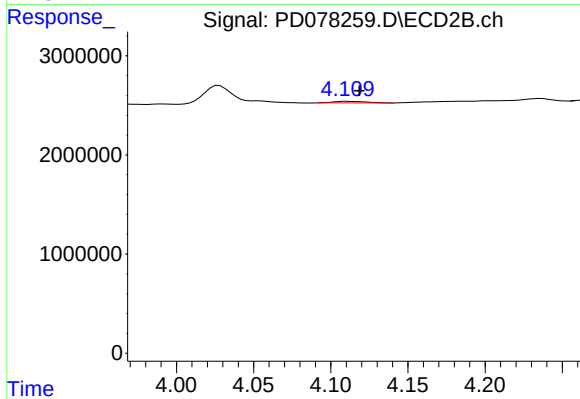
#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: 0.008 min  
Response: 24583  
Conc: 0.03 ng/ml



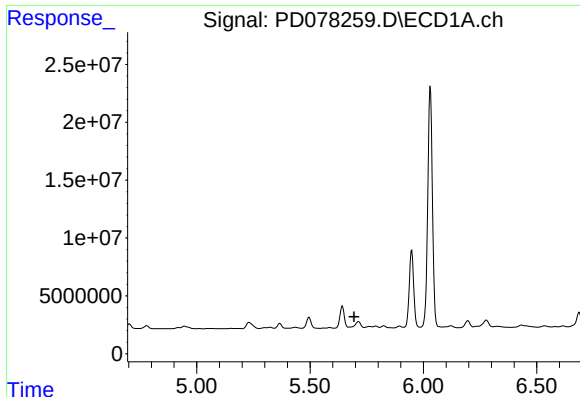
#7 delta-BHC

R.T.: 4.780 min  
Delta R.T.: 0.002 min  
Response: 3511933  
Conc: 0.95 ng/ml



#7 delta-BHC

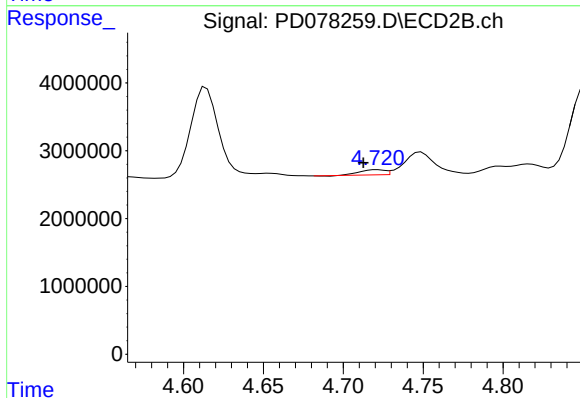
R.T.: 4.111 min  
Delta R.T.: -0.008 min  
Response: 229169  
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

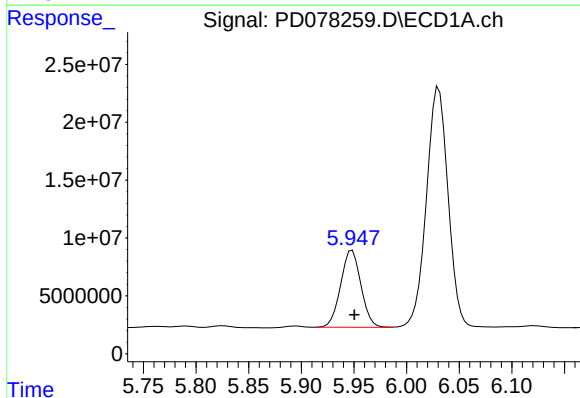
R.T.: 5.714 min  
Delta R.T.: 0.020 min  
Response: -2387261  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



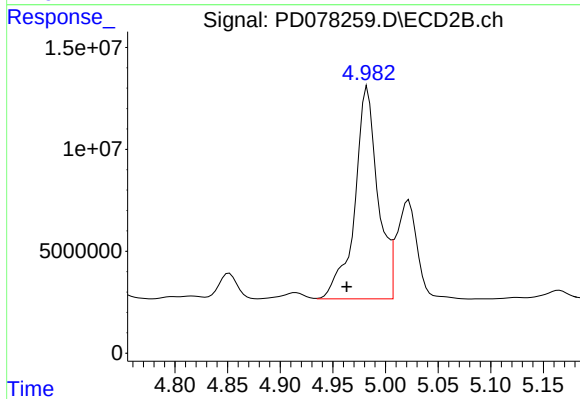
#8 Heptachlor epoxide

R.T.: 4.721 min  
Delta R.T.: 0.009 min  
Response: 841064  
Conc: 0.41 ng/ml



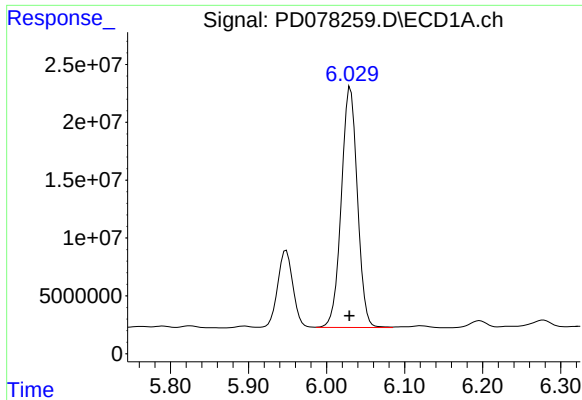
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 89586588  
Conc: 25.45 ng/ml



#10 gamma-Chlordane

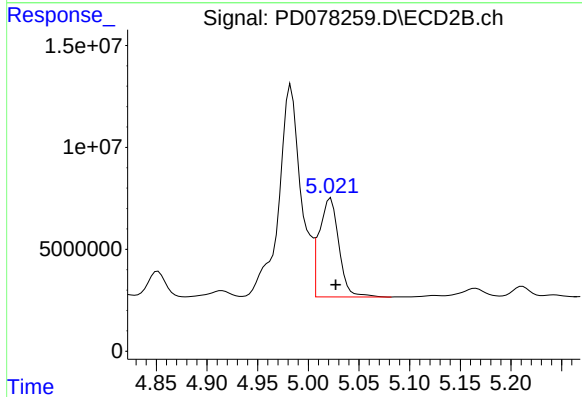
R.T.: 4.983 min  
Delta R.T.: 0.020 min  
Response: 159635709  
Conc: 79.41 ng/ml



#11 alpha-Chlordane

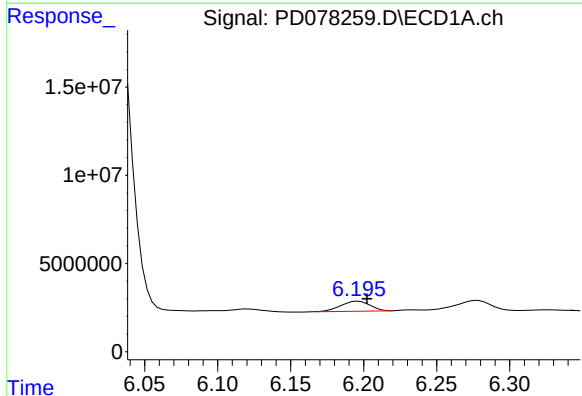
R.T.: 6.031 min  
Delta R.T.: 0.001 min  
Response: 297215678  
Conc: 83.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



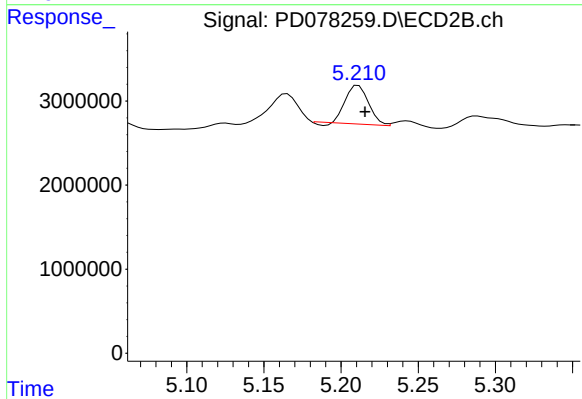
#11 alpha-Chlordane

R.T.: 5.022 min  
Delta R.T.: -0.005 min  
Response: 65737298  
Conc: 32.63 ng/ml



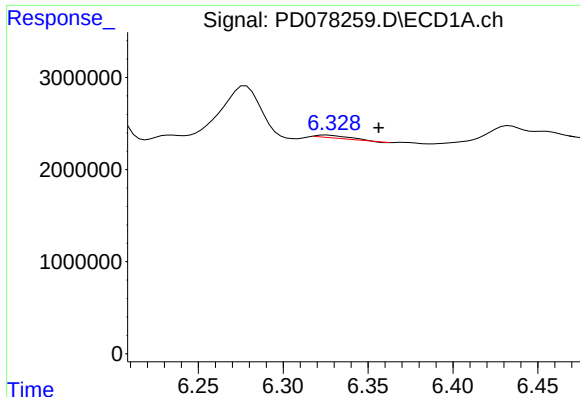
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.006 min  
Response: 7790076  
Conc: 2.42 ng/ml



#12 4,4'-DDE

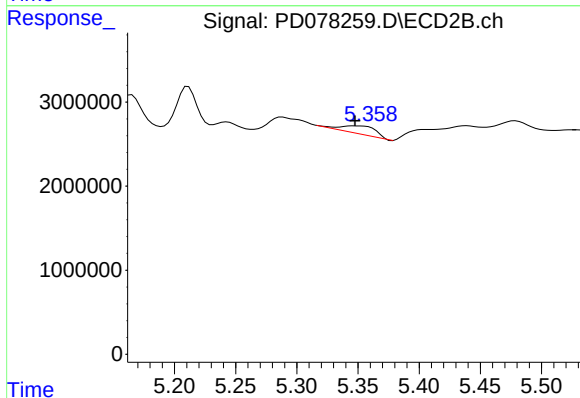
R.T.: 5.211 min  
Delta R.T.: -0.004 min  
Response: 4679371  
Conc: 2.56 ng/ml



#13 Dieldrin

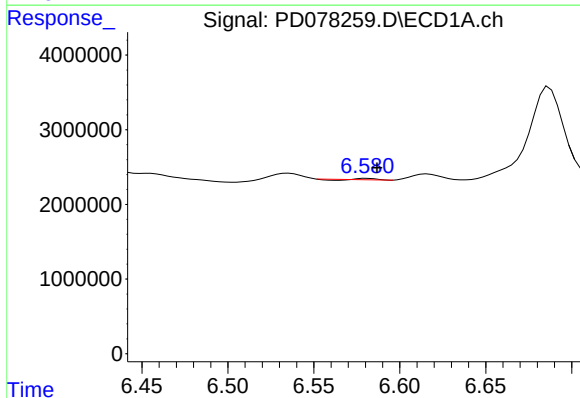
R.T.: 6.326 min  
Delta R.T.: -0.031 min  
Response: 389052  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



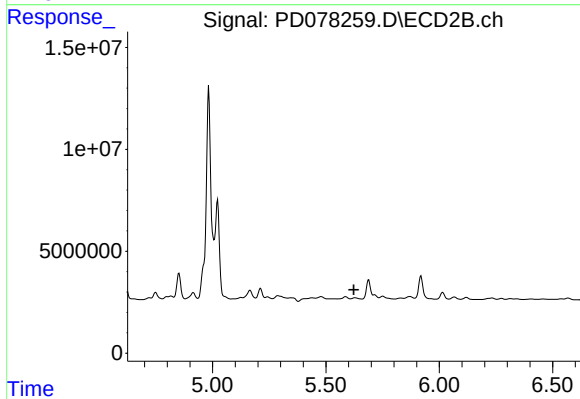
#13 Dieldrin

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 1942777  
Conc: 0.95 ng/ml



#14 Endrin

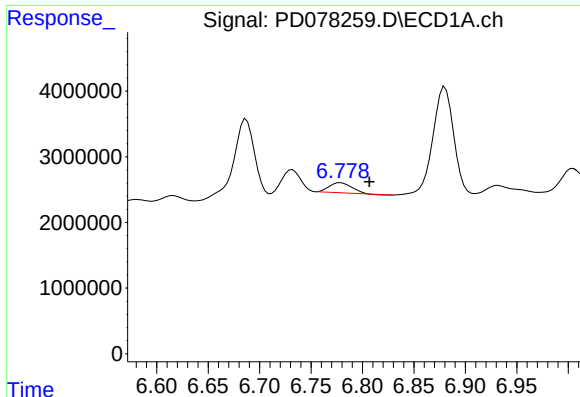
R.T.: 6.581 min  
Delta R.T.: -0.006 min  
Response: 94854  
Conc: 0.03 ng/ml



#14 Endrin

R.T.: 5.629 min  
Delta R.T.: 0.005 min  
Response: -462358  
Conc: N.D.

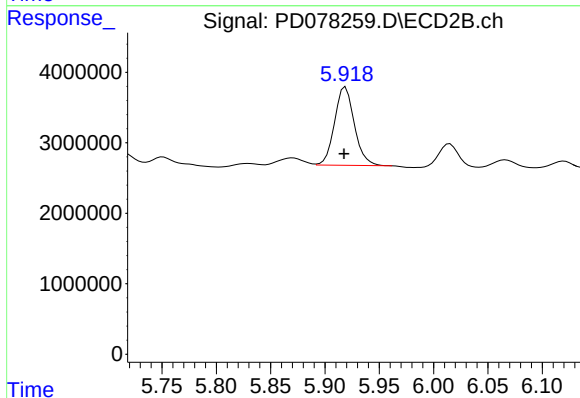




#15 Endosulfan II

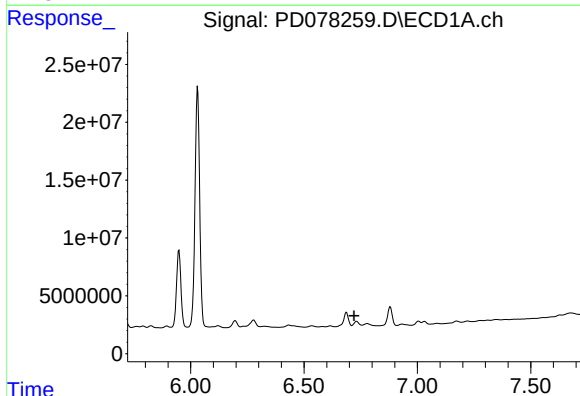
R.T.: 6.779 min  
Delta R.T.: -0.028 min  
Response: 2323106  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



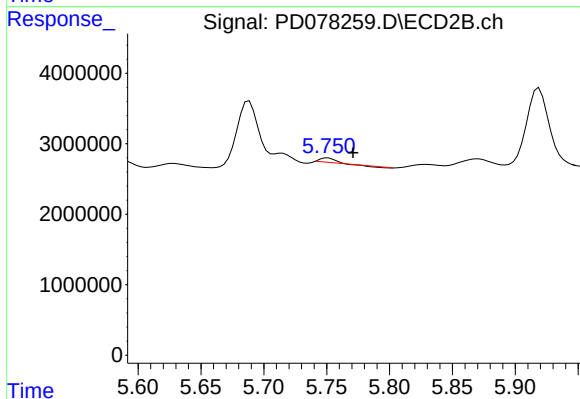
#15 Endosulfan II

R.T.: 5.919 min  
Delta R.T.: 0.001 min  
Response: 14080339  
Conc: 8.23 ng/ml



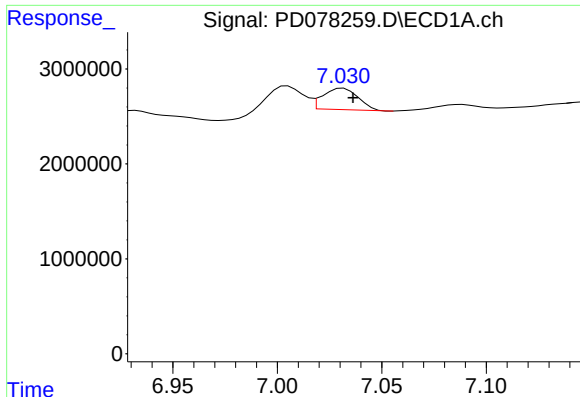
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: 0.011 min  
Response: -1999649  
Conc: N.D.



#16 4,4'-DDD

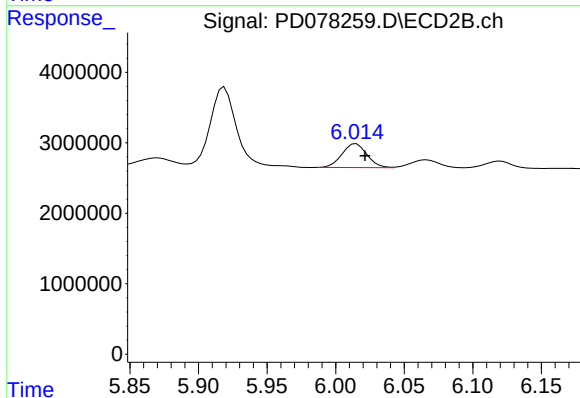
R.T.: 5.751 min  
Delta R.T.: -0.020 min  
Response: 448067  
Conc: 0.32 ng/ml



#17 4,4'-DDT

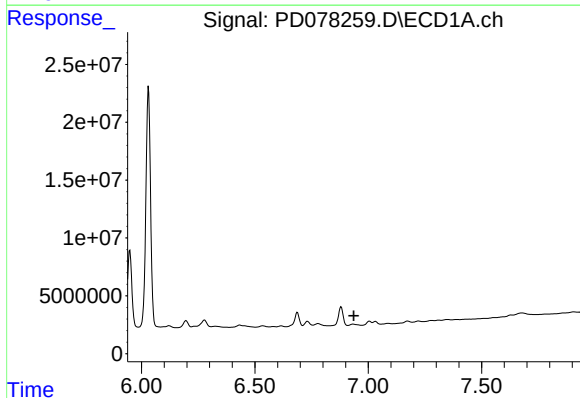
R.T.: 7.032 min  
Delta R.T.: -0.005 min  
Response: 2640006  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



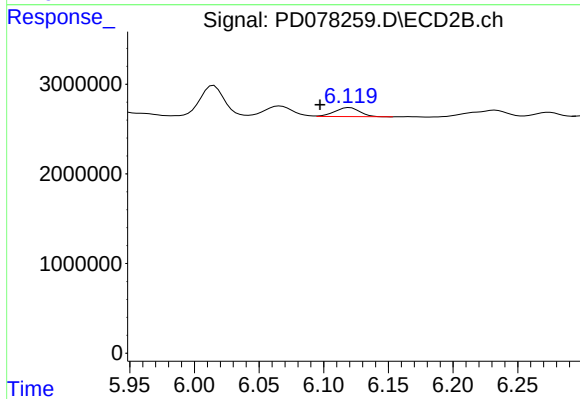
#17 4,4'-DDT

R.T.: 6.015 min  
Delta R.T.: -0.006 min  
Response: 4316195  
Conc: 3.05 ng/ml



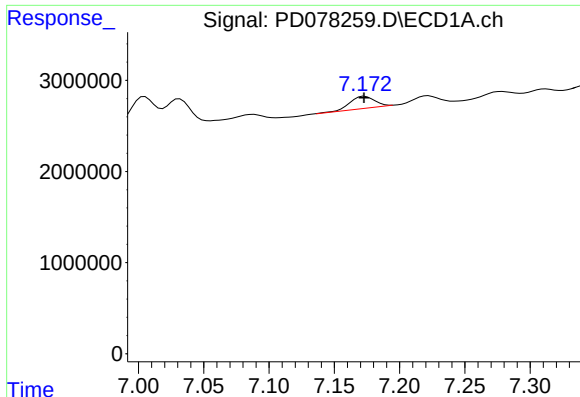
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.005 min  
Response: -1945988  
Conc: N.D.



#18 Endrin aldehyde

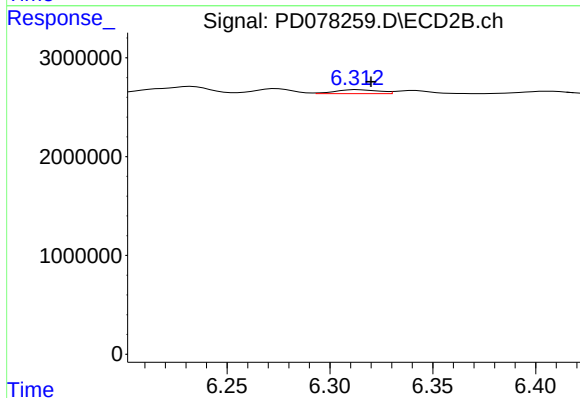
R.T.: 6.120 min  
Delta R.T.: 0.023 min  
Response: 1342668  
Conc: 0.99 ng/ml



#19 Endosulfan Sulfate

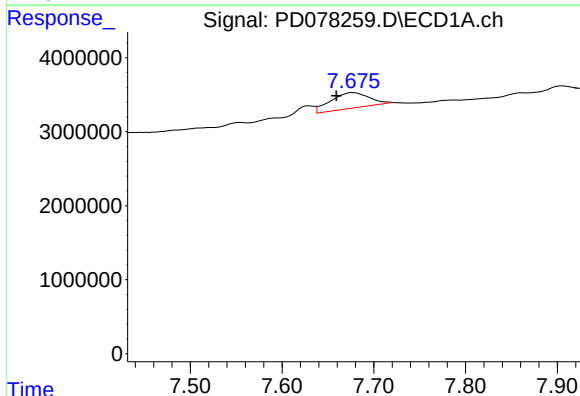
R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 1714984  
Conc: 0.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



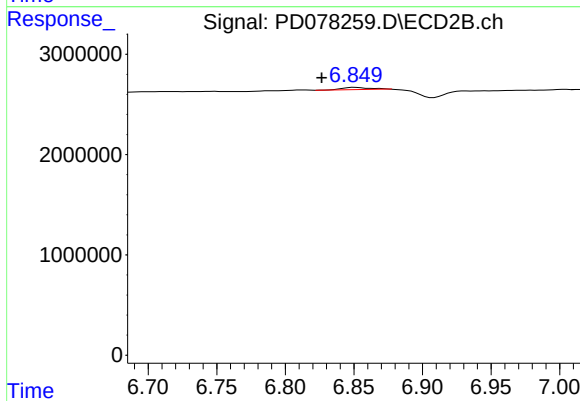
#19 Endosulfan Sulfate

R.T.: 6.313 min  
Delta R.T.: -0.007 min  
Response: 593056  
Conc: 0.37 ng/ml



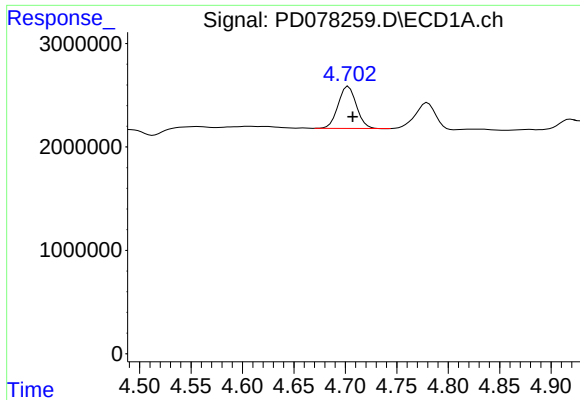
#21 Endrin ketone

R.T.: 7.678 min  
Delta R.T.: 0.019 min  
Response: 6316767  
Conc: 1.94 ng/ml



#21 Endrin ketone

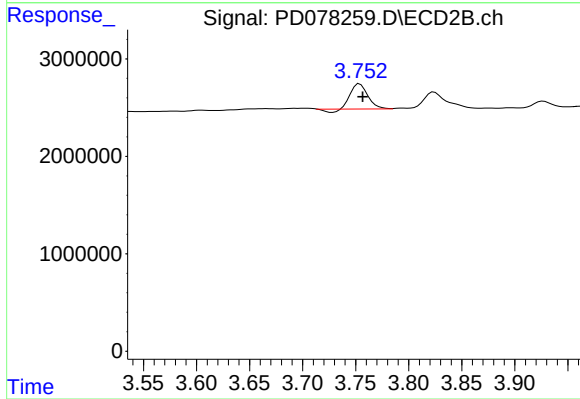
R.T.: 6.851 min  
Delta R.T.: 0.024 min  
Response: 319052  
Conc: 0.17 ng/ml



#23 Chlordane-1

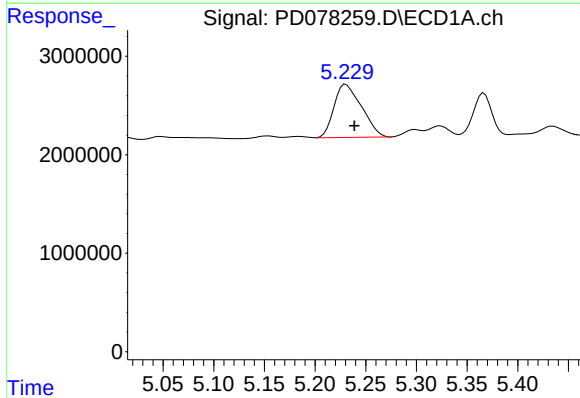
R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 5017884  
Conc: 42.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



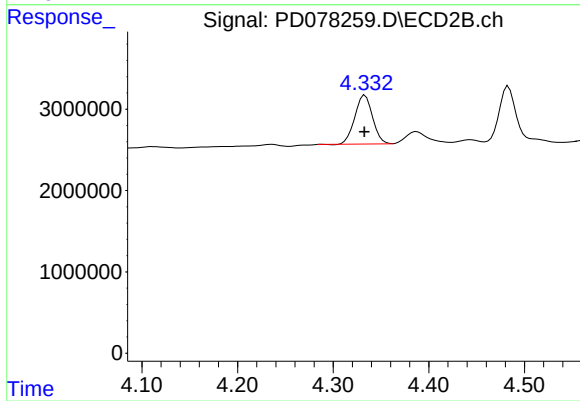
#23 Chlordane-1

R.T.: 3.754 min  
Delta R.T.: -0.003 min  
Response: 2784985  
Conc: 48.90 ng/ml



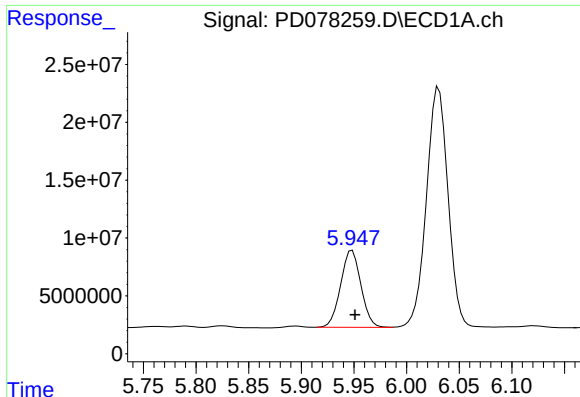
#24 Chlordane-2

R.T.: 5.230 min  
Delta R.T.: -0.008 min  
Response: 10180764  
Conc: 79.77 ng/ml



#24 Chlordane-2

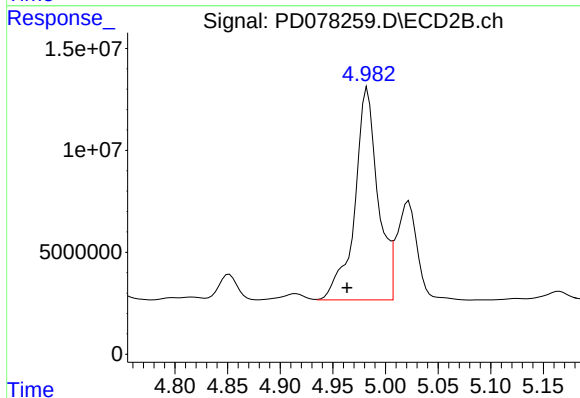
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 7746473  
Conc: 121.63 ng/ml



#25 Chlordane-3

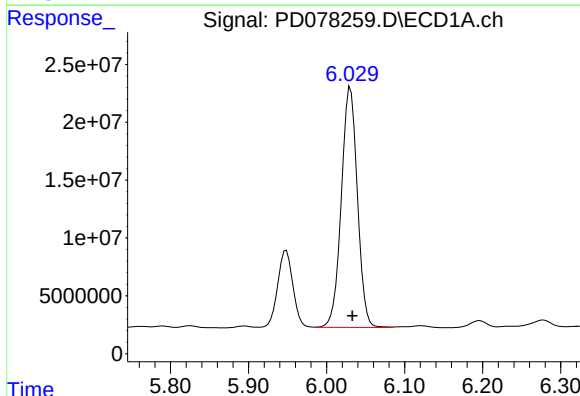
R.T.: 5.948 min  
Delta R.T.: -0.003 min  
Response: 89586588  
Conc: 178.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



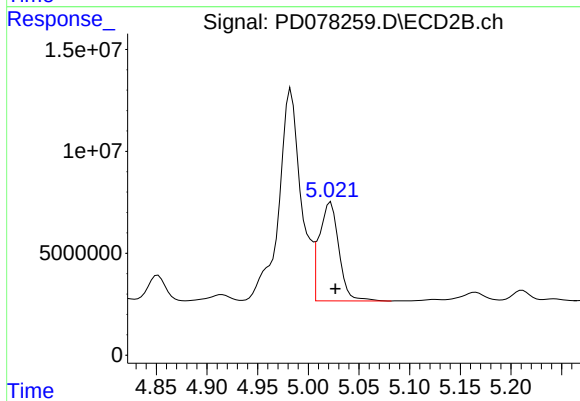
#25 Chlordane-3

R.T.: 4.983 min  
Delta R.T.: 0.019 min  
Response: 159635709  
Conc: 813.63 ng/ml



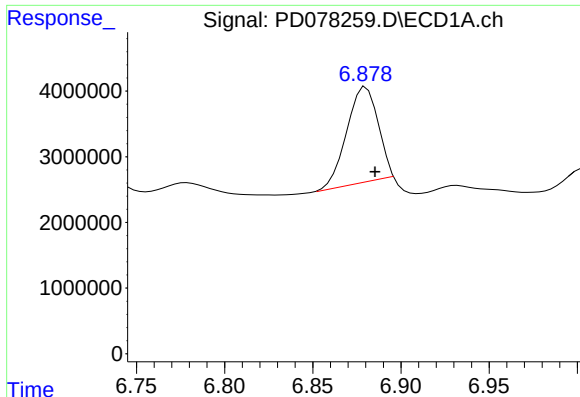
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 297215678  
Conc: 482.49 ng/ml



#26 Chlordane-4

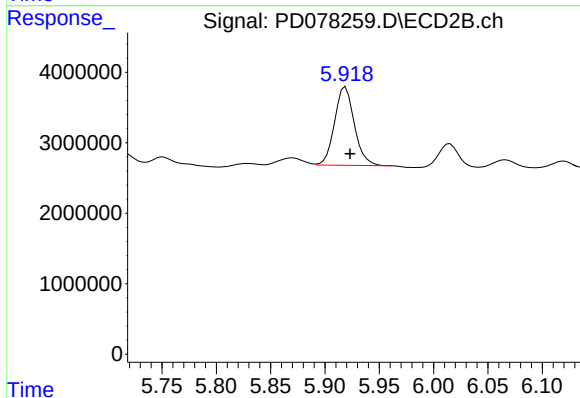
R.T.: 5.022 min  
Delta R.T.: -0.004 min  
Response: 65737298  
Conc: 347.41 ng/ml



#27 Chlordane-5

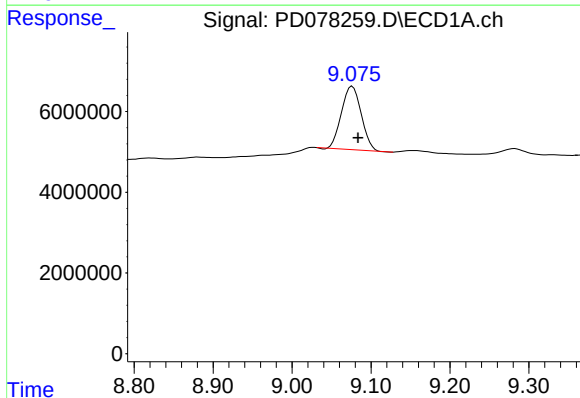
R.T.: 6.880 min  
Delta R.T.: -0.005 min  
Response: 18069908  
Conc: 178.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



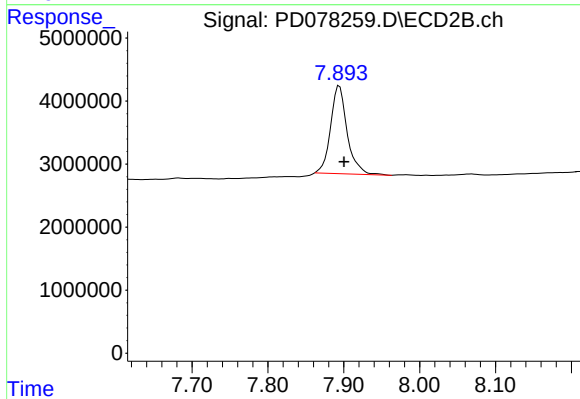
#27 Chlordane-5

R.T.: 5.919 min  
Delta R.T.: -0.004 min  
Response: 14080339  
Conc: 218.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: -0.008 min  
Response: 27312346  
Conc: 8.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: -0.006 min  
Response: 21111614  
Conc: 12.23 ng/ml