

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100623\  
 Data File : PD078723.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2023 09:40  
 Operator : AR\AJ  
 Sample : PEM194  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 04:49:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091123CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 11 14:09:05 2023  
 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

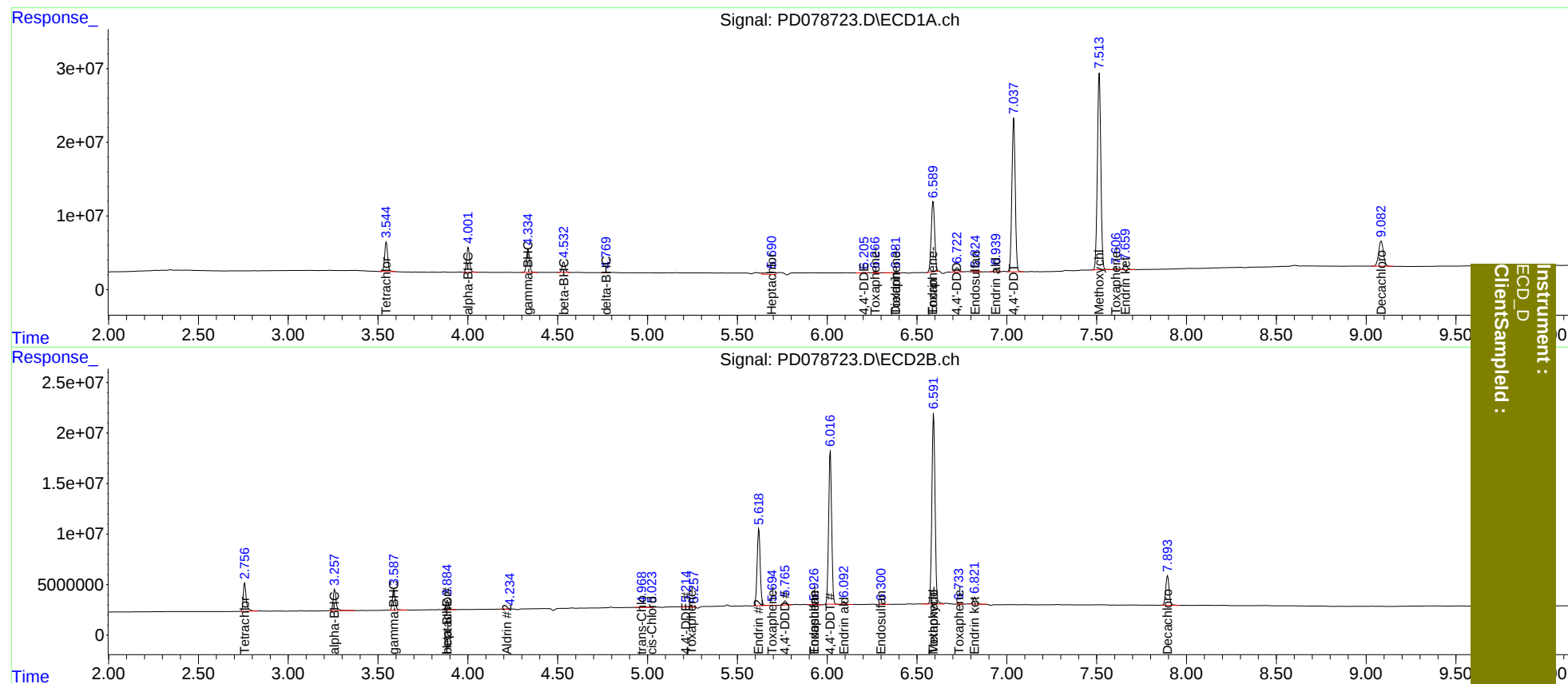
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.546  | 2.758  | 46801530 | 32531898 | 18.371   | 20.560   |
| 27)                         | SA Decachlor... | 9.084  | 7.895  | 63139785 | 38472172 | 20.238   | 22.304   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.002  | 3.259  | 38325550 | 23942416 | 8.723    | 9.494    |
| 3)                          | MA gamma-BHC... | 4.336  | 3.589  | 36353680 | 22240428 | 8.872    | 9.482    |
| 4)                          | MA Heptachlor   | 0.000  | 3.886f | 0        | 10419169 | N.D.     | 4.337    |
| 5)                          | MB Aldrin       | 0.000  | 4.220  | 0        | 711765   | N.D.     | 0.297    |
| 6)                          | B beta-BHC      | 4.534  | 3.886  | 16570661 | 10419169 | 9.291    | 10.041   |
| 7)                          | B delta-BHC     | 4.770  | 0.000  | 704319   | 0        | 0.169    | N.D. #   |
| 8)                          | B Heptachlo...  | 5.692  | 0.000  | 11086148 | 0        | 2.879    | N.D. #   |
| 9)                          | A Endosulfan I  | 6.112  | 5.110  | 116811   | 149966   | <MDL     | <MDL #   |
| 10)                         | B trans-Chl...  | 5.926  | 4.969  | 209978   | 349053   | <MDL     | 0.162 #  |
| 11)                         | B cis-Chlor...  | 0.000  | 5.025  | 0        | 655485   | N.D.     | 0.298    |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.214  | 547889   | 1283085  | 0.155    | 0.632 #  |
| 13)                         | MA Dieldrin     | 6.383  | 0.000  | 1737247  | 0        | 0.457    | N.D. #   |
| 14)                         | MA Endrin       | 6.590  | 5.620  | 127.3E6  | 91209336 | 42.010   | 47.286   |
| 15)                         | B Endosulfa...  | 6.826  | 5.928  | 1723364  | 422617   | 0.530    | 0.220 #  |
| 16)                         | A 4,4'-DDD      | 6.723  | 5.767  | 7548764  | 4890719  | 2.816    | 3.312    |
| 17)                         | MA 4,4'-DDT     | 7.039  | 6.018  | 268.3E6  | 177.8E6  | 98.653   | 115.375  |
| 18)                         | B Endrin al...  | 6.940  | 6.094  | 4721935  | 3312204  | 1.854    | 2.226    |
| 19)                         | B Endosulfa...  | 0.000  | 6.302  | 0        | 243338   | N.D.     | 0.139    |
| 20)                         | A Methoxychlor  | 7.515  | 6.593  | 355.7E6  | 232.3E6  | 236.795  | 292.810  |
| 21)                         | B Endrin ke...  | 7.660  | 6.822  | 9731146  | 8299475  | 2.885    | 4.072 #  |
| 22)                         | Toxaphene-1     | 6.268  | 5.247f | 981406   | 782097   | 36.553   | 66.239 # |
| 23)                         | Toxaphene-2     | 6.383f | 5.695  | 1737247  | 87277    | 52.085   | 6.720 #  |
| 24)                         | Toxaphene-3     | 6.590f | 5.928  | 127.3E6  | 422617   | 5570.417 | 28.085 # |
| 25)                         | Toxaphene-4     | 0.000  | 6.593  | 0        | 232.3E6  | N.D.     | 5407.683 |
| 26)                         | Toxaphene-5     | 7.608  | 6.734  | 1719383  | 94451    | 32.902   | 1.587 #  |
| -----                       |                 |        |        |          |          |          |          |

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

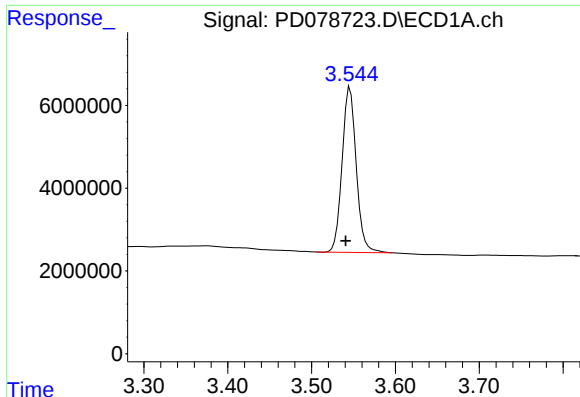
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100623\  
Data File : PD078723.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2023 09:40  
Operator : AR\AJ  
Sample : PEM194  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 04:49:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091123CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 11 14:09:05 2023  
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



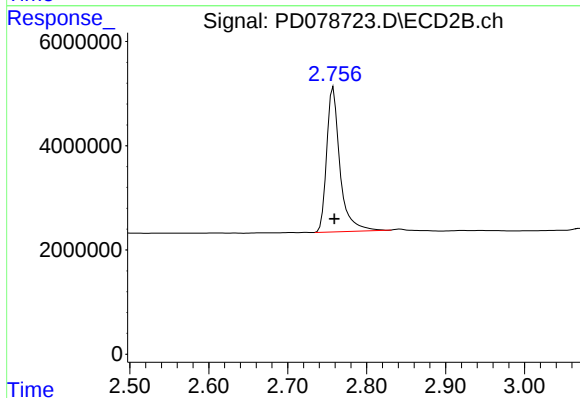
Instrument :  
ECD\_D  
ClientSampled :  
0



#1 Tetrachloro-m-xylene

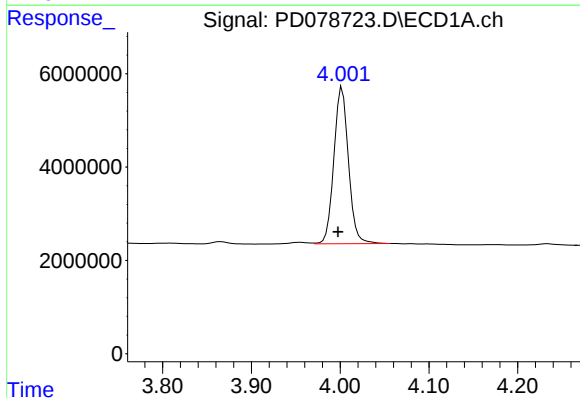
R.T.: 3.546 min  
Delta R.T.: 0.005 min  
Response: 46801530  
Conc: 18.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



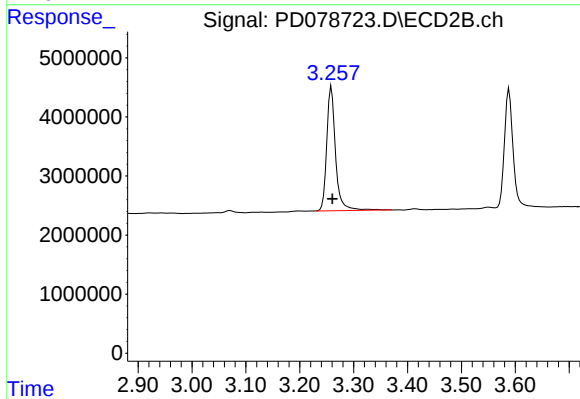
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: -0.002 min  
Response: 32531898  
Conc: 20.56 ng/ml



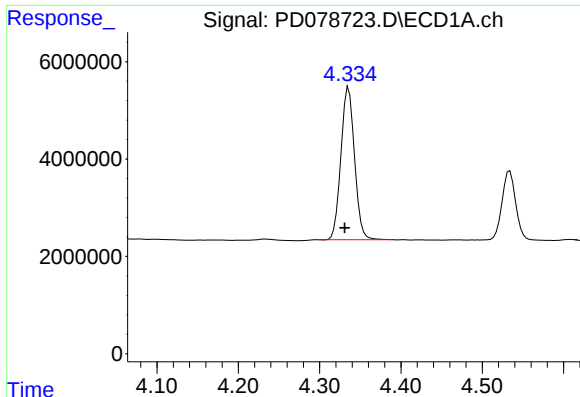
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.005 min  
Response: 38325550  
Conc: 8.72 ng/ml



#2 alpha-BHC

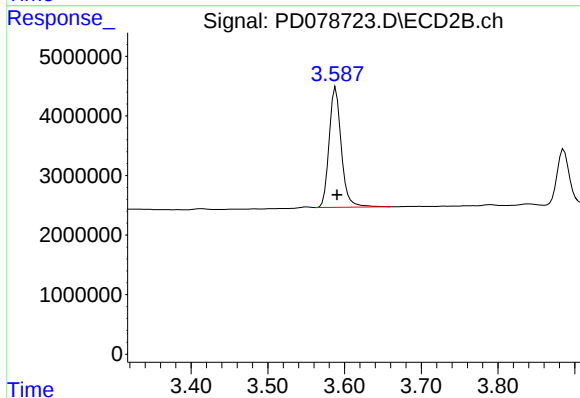
R.T.: 3.259 min  
Delta R.T.: -0.002 min  
Response: 23942416  
Conc: 9.49 ng/ml



#3 gamma-BHC (Lindane)

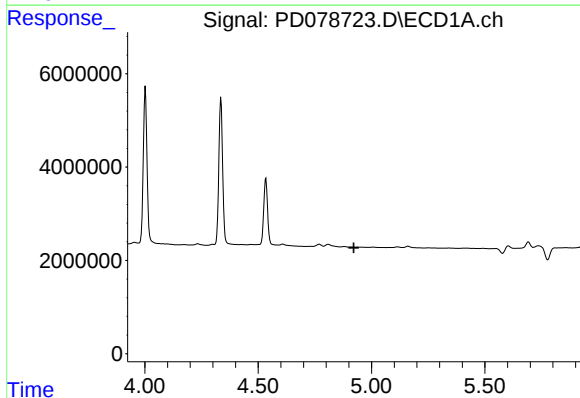
R.T.: 4.336 min  
Delta R.T.: 0.005 min  
Response: 36353680  
Conc: 8.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



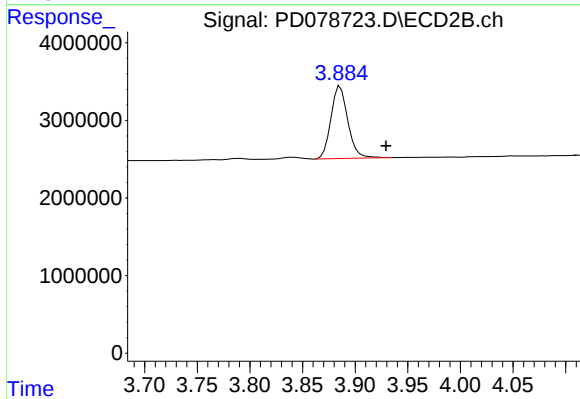
#3 gamma-BHC (Lindane)

R.T.: 3.589 min  
Delta R.T.: -0.002 min  
Response: 22240428  
Conc: 9.48 ng/ml



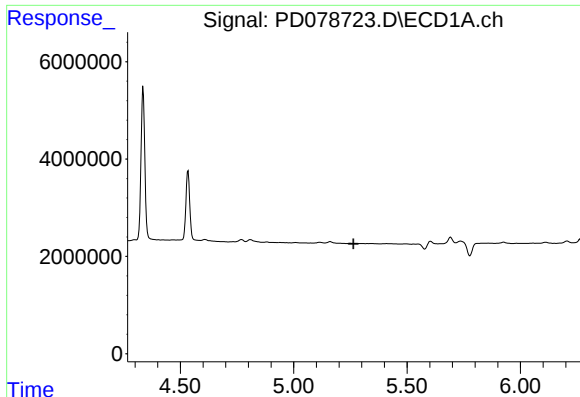
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.922 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

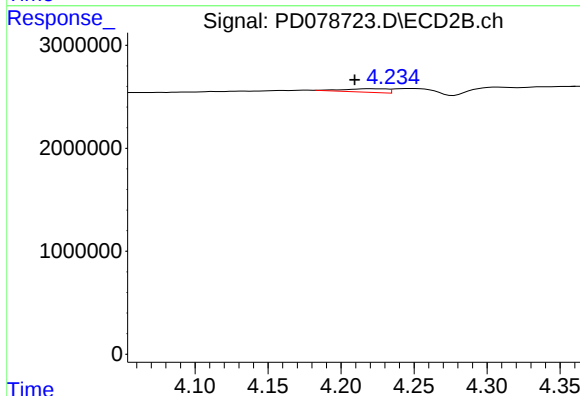
R.T.: 3.886 min  
Delta R.T.: -0.044 min  
Response: 10419169  
Conc: 4.34 ng/ml



#5 Aldrin

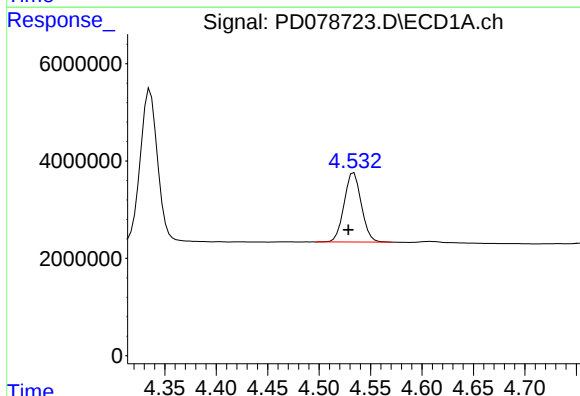
R.T.: 0.000 min  
Exp R.T.: 5.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



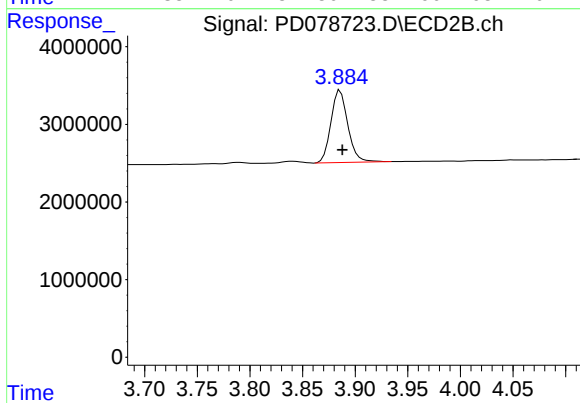
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.011 min  
Response: 711765  
Conc: 0.30 ng/ml



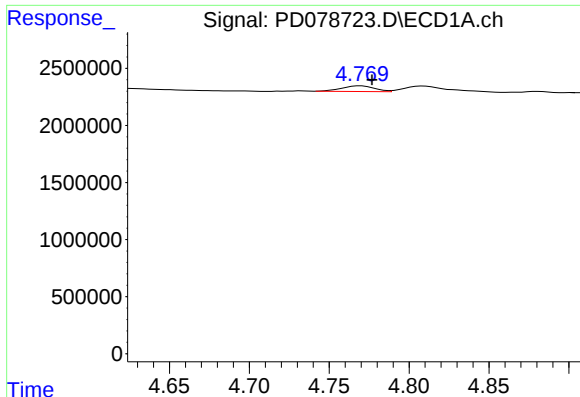
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.005 min  
Response: 16570661  
Conc: 9.29 ng/ml



#6 beta-BHC

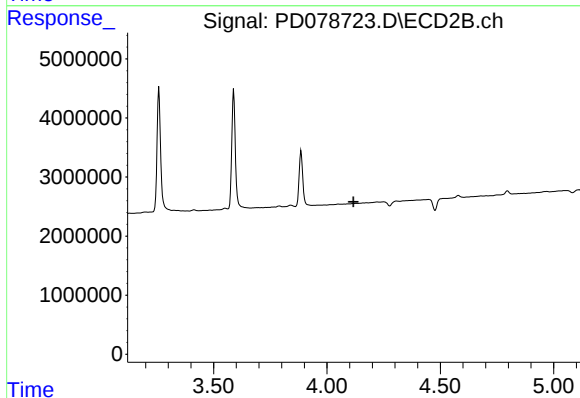
R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 10419169  
Conc: 10.04 ng/ml



#7 delta-BHC

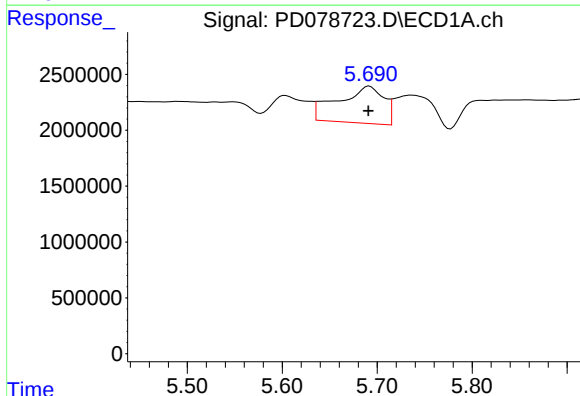
R.T.: 4.770 min  
Delta R.T.: -0.007 min  
Response: 704319  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



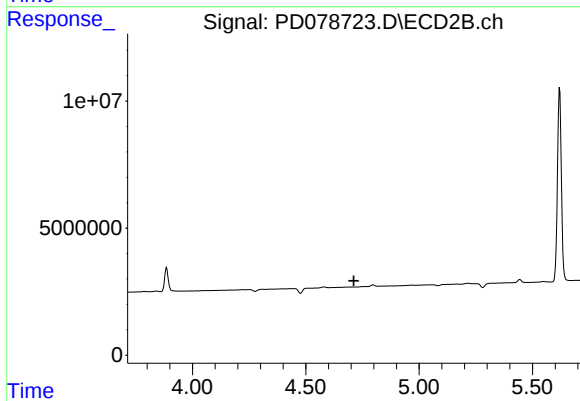
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.117 min  
Response: 0  
Conc: N.D.



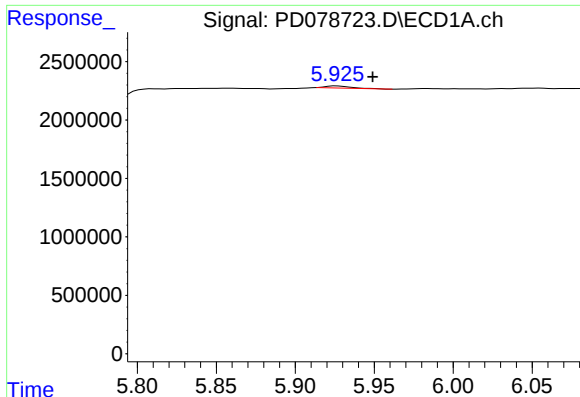
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 11086148  
Conc: 2.88 ng/ml



#8 Heptachlor epoxide

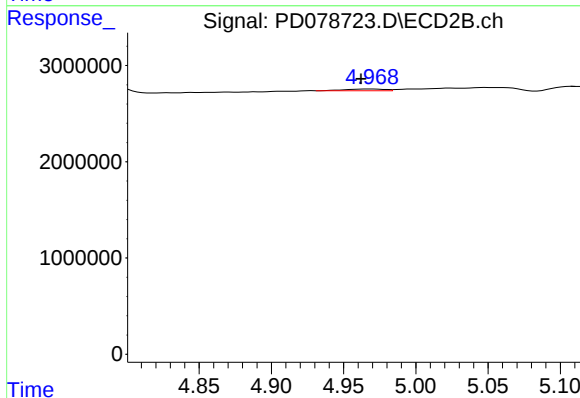
R.T.: 0.000 min  
Exp R.T. : 4.712 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

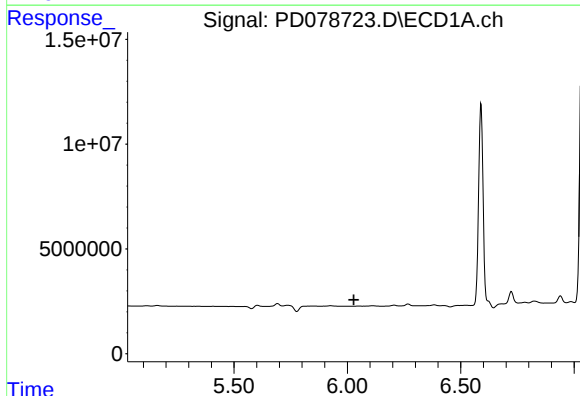
R.T.: 5.926 min  
Delta R.T.: -0.023 min  
Response: 209978  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



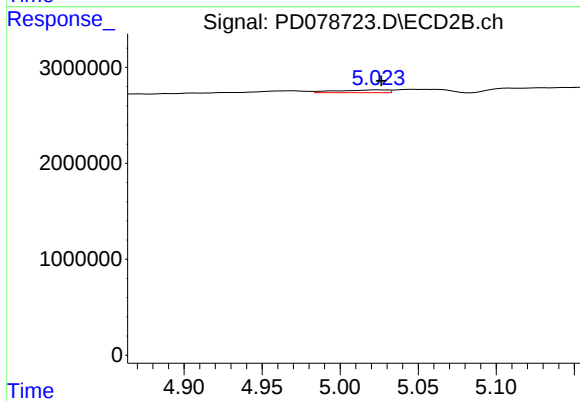
#10 trans-Chlordane

R.T.: 4.969 min  
Delta R.T.: 0.007 min  
Response: 349053  
Conc: 0.16 ng/ml



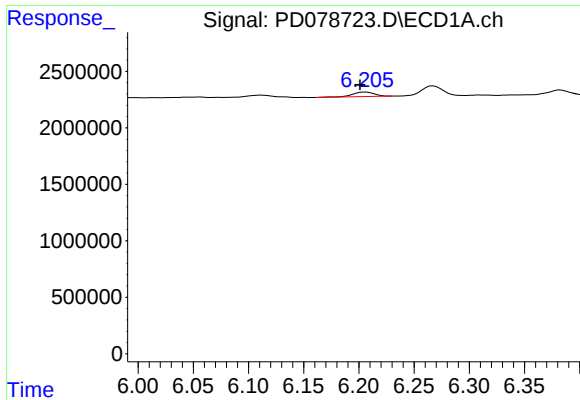
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.029 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

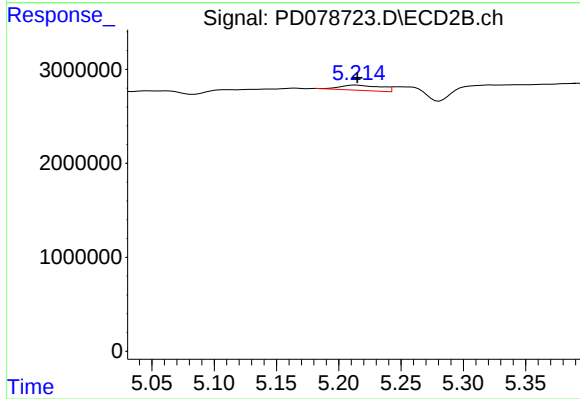
R.T.: 5.025 min  
Delta R.T.: -0.001 min  
Response: 655485  
Conc: 0.30 ng/ml



#12 4,4'-DDE

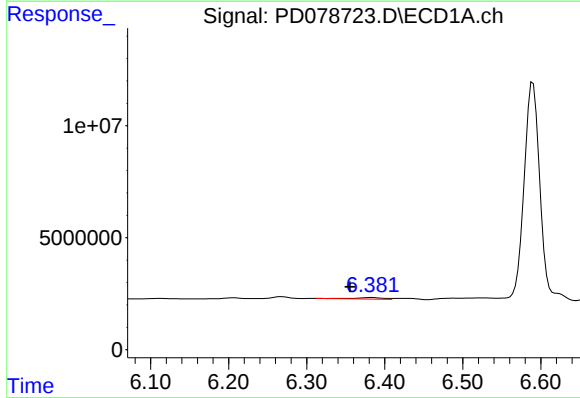
R.T.: 6.206 min  
Delta R.T.: 0.005 min  
Response: 547889  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



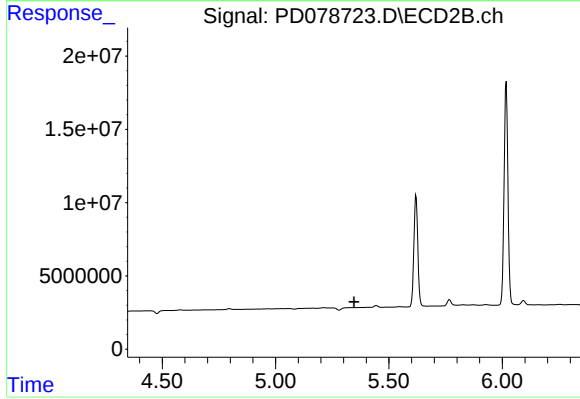
#12 4,4'-DDE

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 1283085  
Conc: 0.63 ng/ml



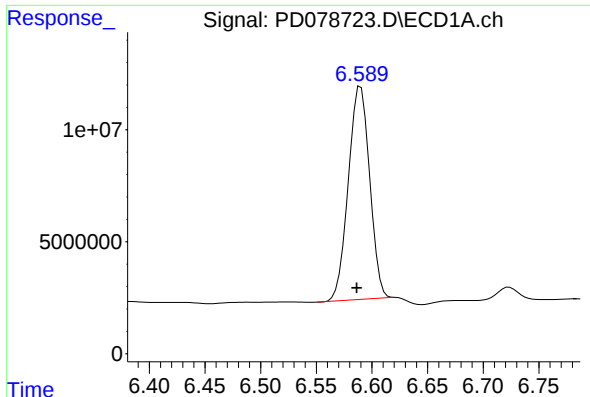
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: 0.027 min  
Response: 1737247  
Conc: 0.46 ng/ml



#13 Dieldrin

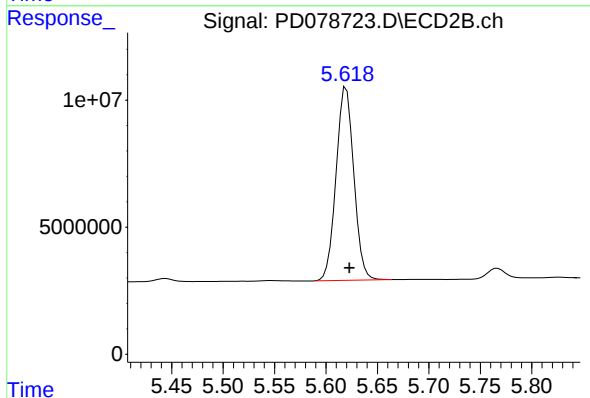
R.T.: 0.000 min  
Exp R.T. : 5.347 min  
Response: 0  
Conc: N.D.



#14 Endrin

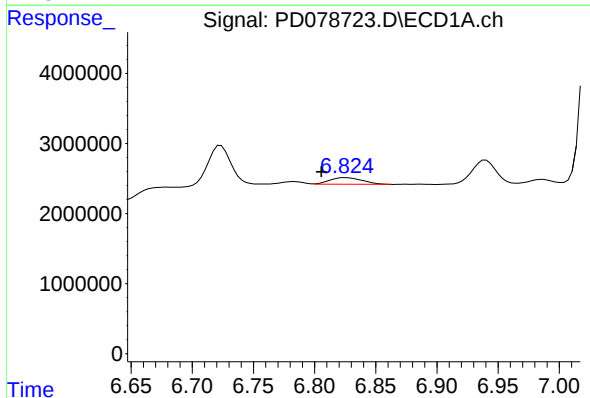
R.T.: 6.590 min  
Delta R.T.: 0.004 min  
Response: 127303151  
Conc: 42.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



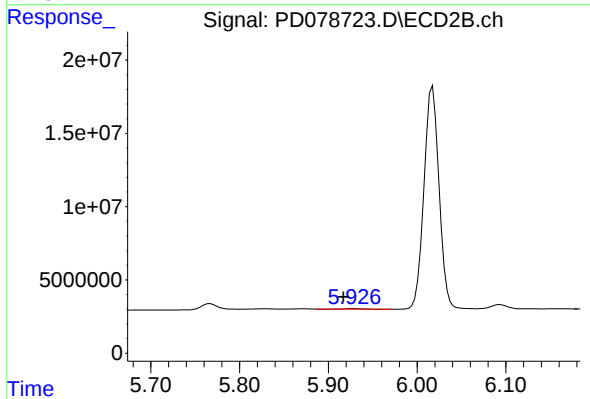
#14 Endrin

R.T.: 5.620 min  
Delta R.T.: -0.003 min  
Response: 91209336  
Conc: 47.29 ng/ml



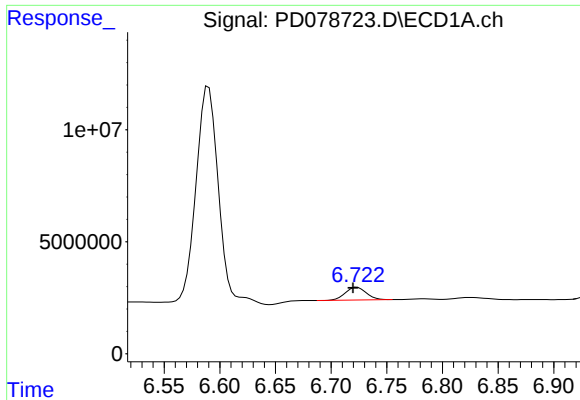
#15 Endosulfan II

R.T.: 6.826 min  
Delta R.T.: 0.020 min  
Response: 1723364  
Conc: 0.53 ng/ml



#15 Endosulfan II

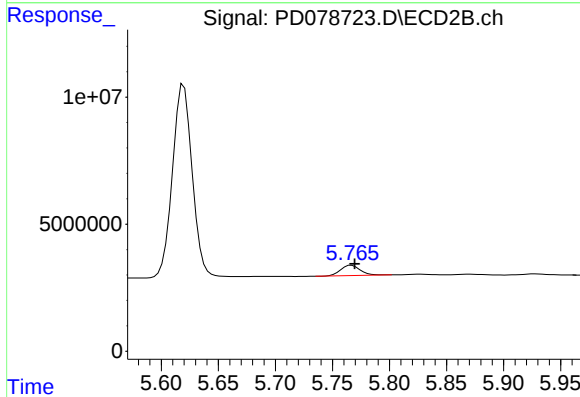
R.T.: 5.928 min  
Delta R.T.: 0.011 min  
Response: 422617  
Conc: 0.22 ng/ml



#16 4,4'-DDD

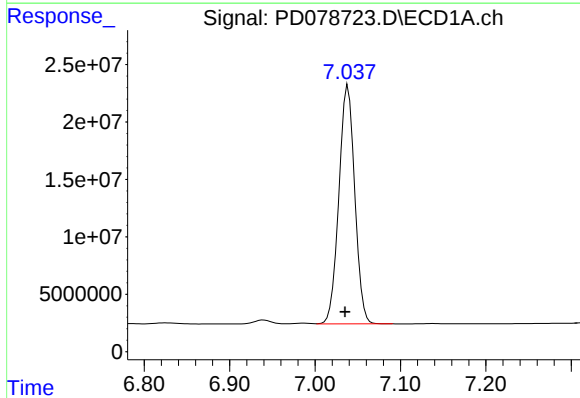
R.T.: 6.723 min  
Delta R.T.: 0.004 min  
Response: 7548764  
Conc: 2.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



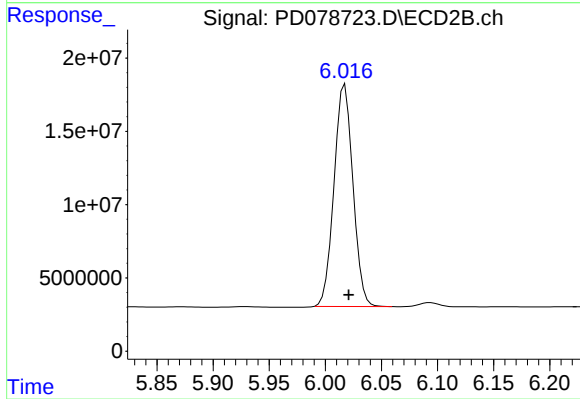
#16 4,4'-DDD

R.T.: 5.767 min  
Delta R.T.: -0.003 min  
Response: 4890719  
Conc: 3.31 ng/ml



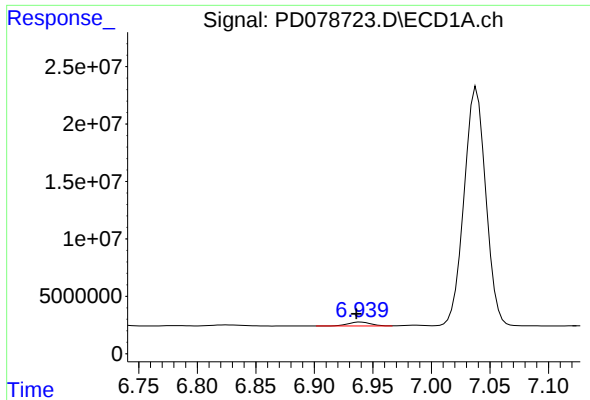
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: 0.004 min  
Response: 268284034  
Conc: 98.65 ng/ml



#17 4,4'-DDT

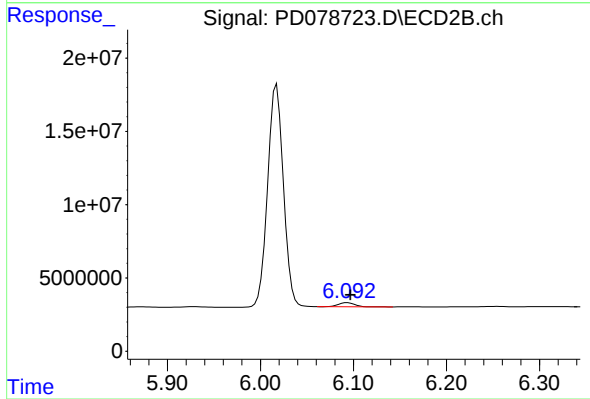
R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 177849286  
Conc: 115.38 ng/ml



#18 Endrin aldehyde

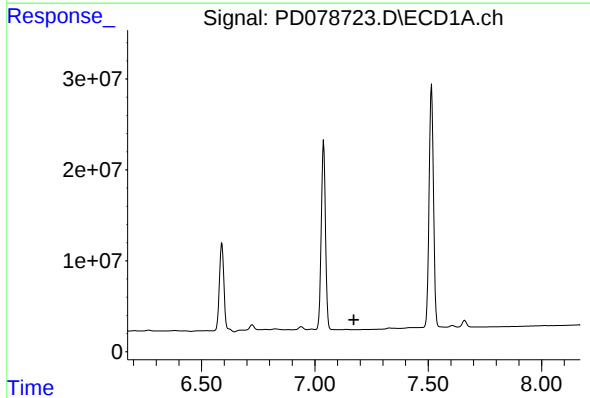
R.T.: 6.940 min  
Delta R.T.: 0.004 min  
Response: 4721935  
Conc: 1.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



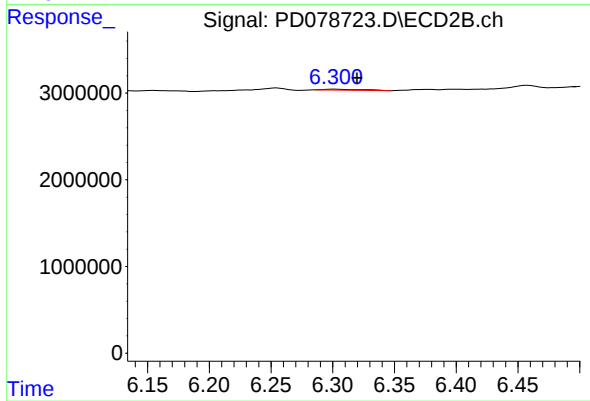
#18 Endrin aldehyde

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 3312204  
Conc: 2.23 ng/ml



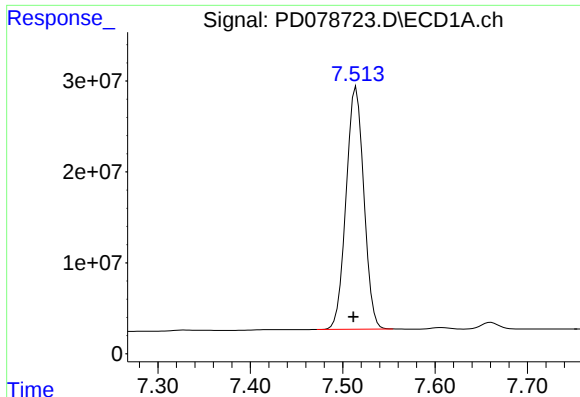
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.171 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

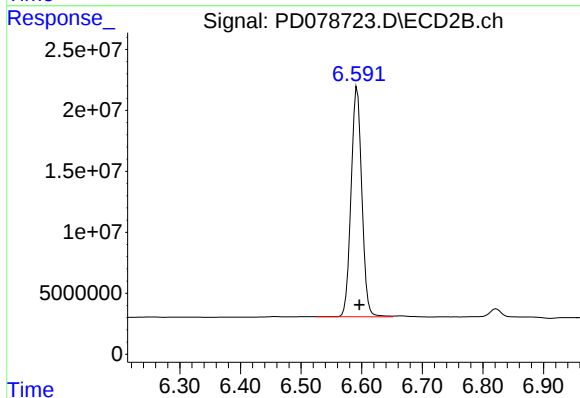
R.T.: 6.302 min  
Delta R.T.: -0.018 min  
Response: 243338  
Conc: 0.14 ng/ml



#20 Methoxychlor

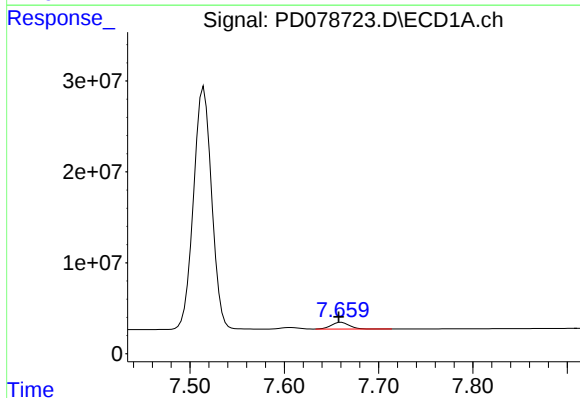
R.T.: 7.515 min  
Delta R.T.: 0.003 min  
Response: 355669918  
Conc: 236.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



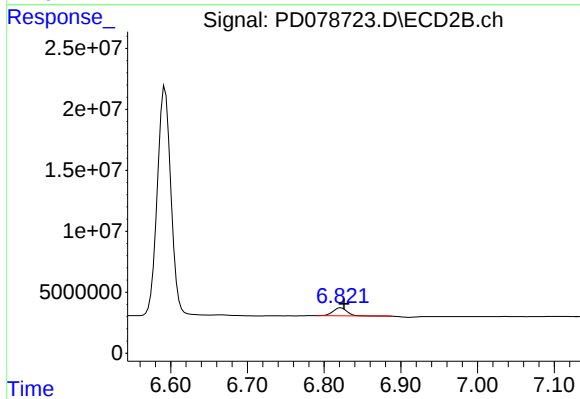
#20 Methoxychlor

R.T.: 6.593 min  
Delta R.T.: -0.003 min  
Response: 232281754  
Conc: 292.81 ng/ml



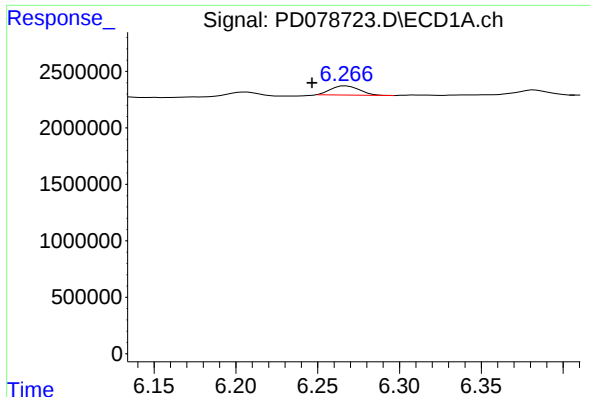
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.003 min  
Response: 9731146  
Conc: 2.89 ng/ml



#21 Endrin ketone

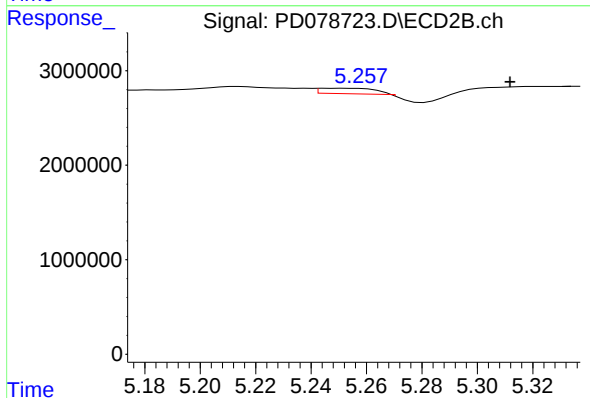
R.T.: 6.822 min  
Delta R.T.: -0.004 min  
Response: 8299475  
Conc: 4.07 ng/ml



#22 Toxaphene-1

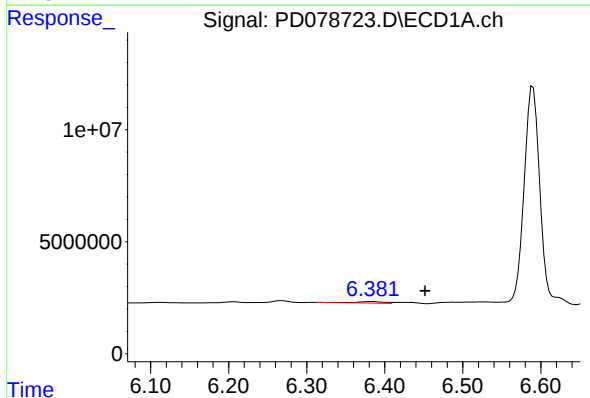
R.T.: 6.268 min  
Delta R.T.: 0.021 min  
Response: 981406  
Conc: 36.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



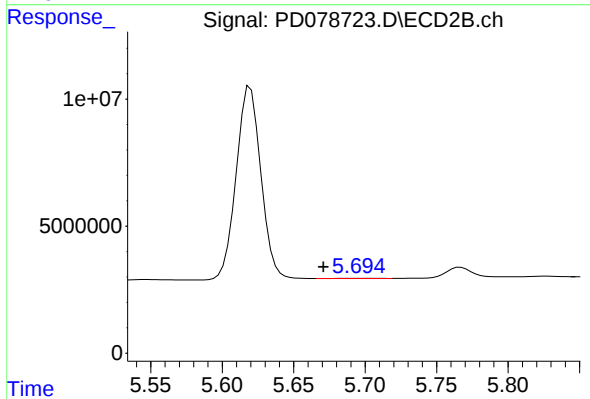
#22 Toxaphene-1

R.T.: 5.247 min  
Delta R.T.: -0.064 min  
Response: 782097  
Conc: 66.24 ng/ml



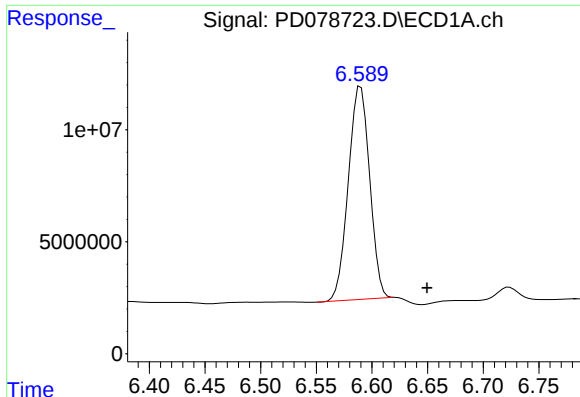
#23 Toxaphene-2

R.T.: 6.383 min  
Delta R.T.: -0.069 min  
Response: 1737247  
Conc: 52.08 ng/ml



#23 Toxaphene-2

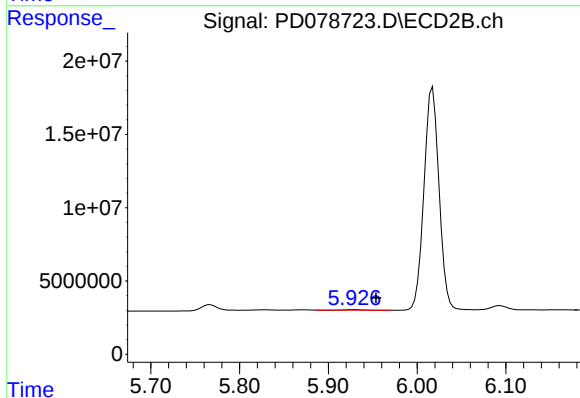
R.T.: 5.695 min  
Delta R.T.: 0.025 min  
Response: 87277  
Conc: 6.72 ng/ml



#24 Toxaphene-3

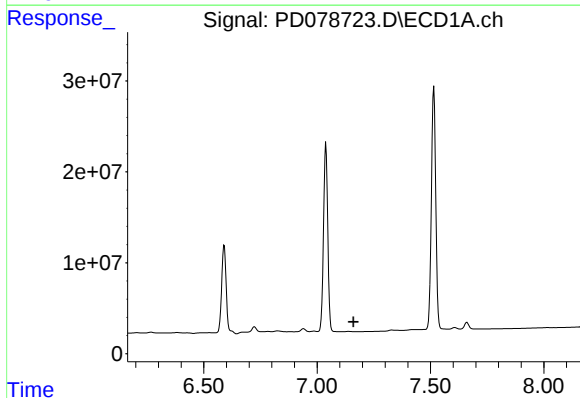
R.T.: 6.590 min  
Delta R.T.: -0.060 min  
Response: 127303151  
Conc: 5570.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



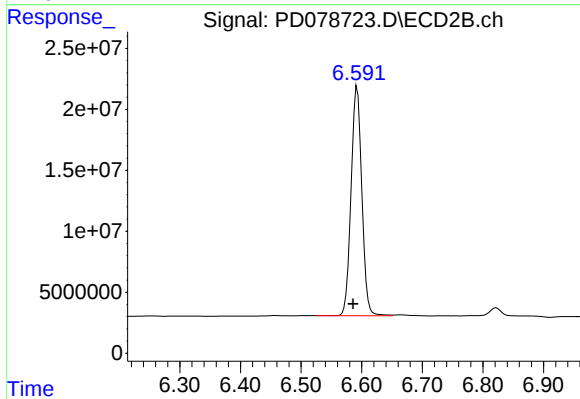
#24 Toxaphene-3

R.T.: 5.928 min  
Delta R.T.: -0.026 min  
Response: 422617  
Conc: 28.09 ng/ml



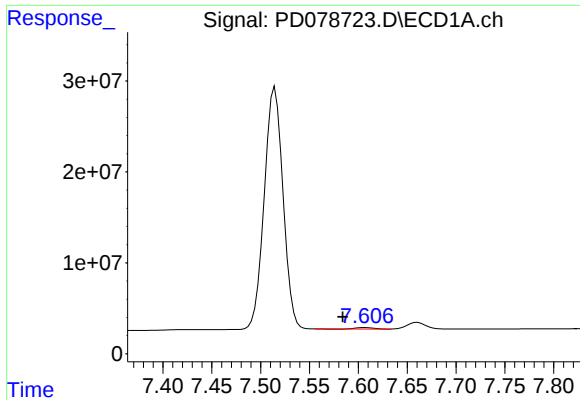
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.161 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

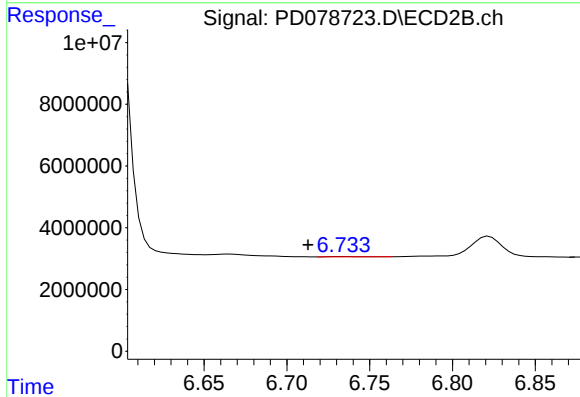
R.T.: 6.593 min  
Delta R.T.: 0.007 min  
Response: 232281754  
Conc: 5407.68 ng/ml



#26 Toxaphene-5

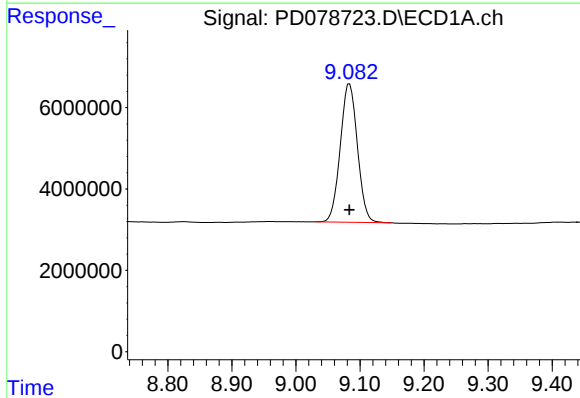
R.T.: 7.608 min  
Delta R.T.: 0.023 min  
Response: 1719383  
Conc: 32.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



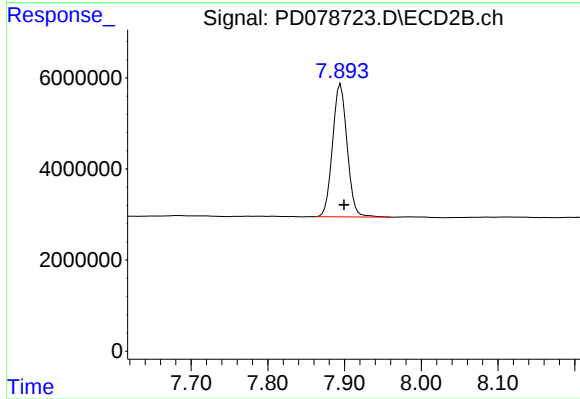
#26 Toxaphene-5

R.T.: 6.734 min  
Delta R.T.: 0.021 min  
Response: 94451  
Conc: 1.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: 0.000 min  
Response: 63139785  
Conc: 20.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.895 min  
Delta R.T.: -0.005 min  
Response: 38472172  
Conc: 22.30 ng/ml