

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
 Data File : PD078383.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2023 03:35  
 Operator : AR\AJ  
 Sample : PB155861BS  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 05:35:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 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

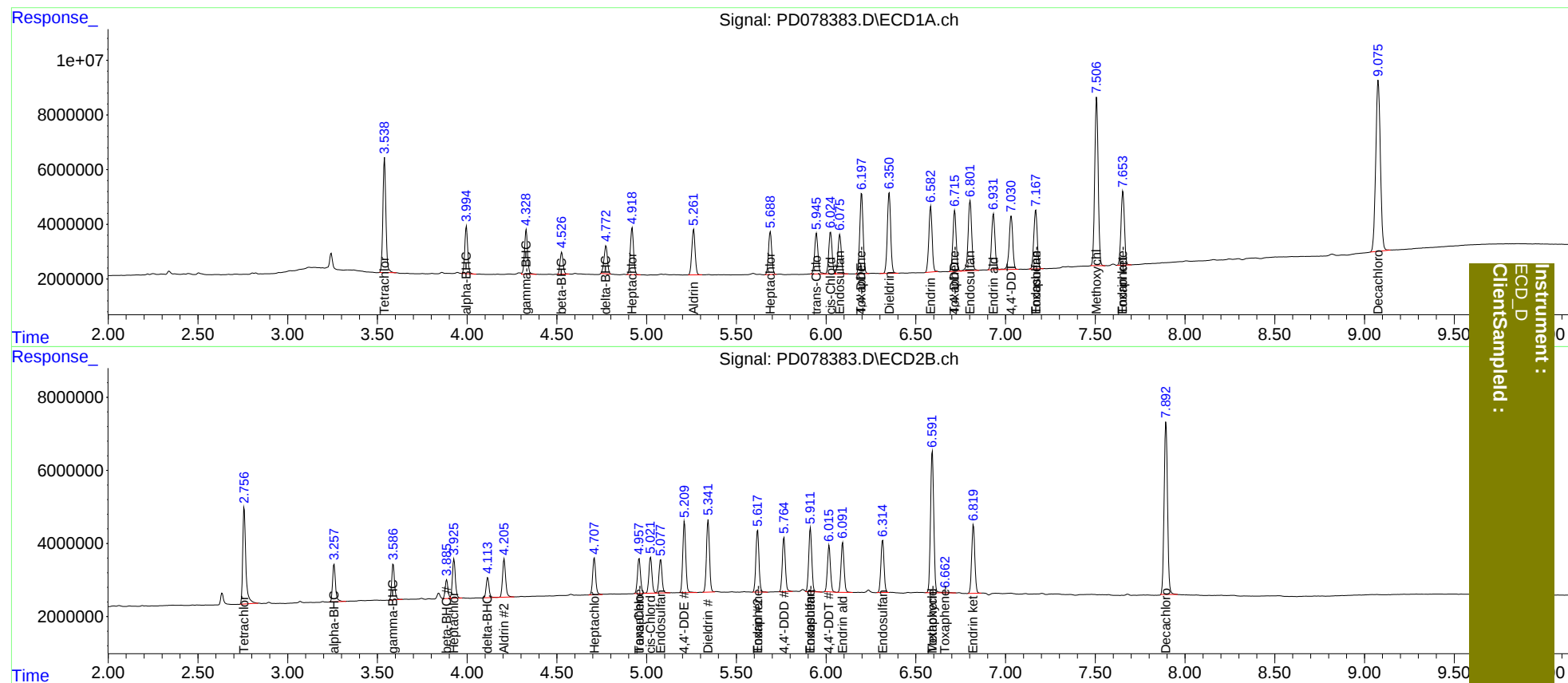
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.540  | 2.758  | 48746733 | 31802289 | 19.209   | 21.519     |
| 27)                         | SA Decachlor... | 9.076  | 7.894  | 112.6E6  | 62397929 | 36.052   | 38.529     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.996  | 3.259  | 19417067 | 11616226 | 4.535    | 5.125      |
| 3)                          | MA gamma-BHC... | 4.329  | 3.588  | 19340637 | 10880650 | 4.783    | 5.039      |
| 4)                          | MA Heptachlor   | 4.919  | 3.927  | 21301358 | 12301532 | 5.097    | 5.533      |
| 5)                          | MB Aldrin       | 5.262  | 4.206  | 21291350 | 12621661 | 5.100    | 5.631      |
| 6)                          | B beta-BHC      | 4.527  | 3.886  | 9333434  | 5499422  | 5.080    | 5.566      |
| 7)                          | B delta-BHC     | 4.774  | 4.115  | 13297209 | 6105093  | 3.312    | 2.739      |
| 8)                          | B Heptachlo...  | 5.689  | 4.709  | 19700970 | 11920558 | 5.098    | 5.675      |
| 9)                          | A Endosulfan I  | 6.076  | 5.078  | 18426420 | 10915162 | 5.489    | 6.081      |
| 10)                         | B trans-Chl...  | 5.946  | 4.958  | 19506783 | 11330888 | 5.239    | 5.674      |
| 11)                         | B cis-Chlor...  | 6.025  | 5.022  | 19777406 | 11682640 | 5.132    | 5.713      |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.211  | 37876482 | 22717632 | 10.684   | 11.959     |
| 13)                         | MA Dieldrin     | 6.352  | 5.343  | 38590268 | 23339333 | 10.310   | 11.295     |
| 14)                         | MA Endrin       | 6.583  | 5.618  | 30852199 | 20422638 | 10.000   | 11.170     |
| 15)                         | B Endosulfa...  | 6.803  | 5.913  | 35505086 | 20982957 | 10.723   | 11.595     |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.765  | 28566716 | 17445205 | 10.740   | 12.961     |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.017  | 27188185 | 14931288 | 9.924    | 10.564     |
| 18)                         | B Endrin al...  | 6.933  | 6.092  | 26694500 | 16267581 | 10.273   | 11.565     |
| 19)                         | B Endosulfa...  | 7.168  | 6.315  | 28668610 | 17309753 | 9.461    | 10.476     |
| 20)                         | A Methoxychlor  | 7.507  | 6.592  | 81976823 | 48900098 | 52.560   | 62.667     |
| 21)                         | B Endrin ke...  | 7.654  | 6.821  | 35962528 | 22831986 | 10.445   | 11.917     |
| 22)                         | Toxaphene-1     | 6.198f | 4.958  | 37876482 | 11330888 | 1419.517 | 1085.564   |
| 23)                         | Toxaphene-2     | 0.000  | 5.618f | 0        | 20422638 | N.D.     | 1693.583   |
| 24)                         | Toxaphene-3     | 6.717f | 5.913f | 28566716 | 20982957 | 1237.509 | 1538.537   |
| 25)                         | Toxaphene-4     | 7.168  | 6.592  | 28668610 | 48900098 | 398.988  | 1267.103 # |
| 26)                         | Toxaphene-5     | 7.654f | 6.664f | 35962528 | 411647   | 690.094  | 7.417 #    |
| -----                       |                 |        |        |          |          |          |            |

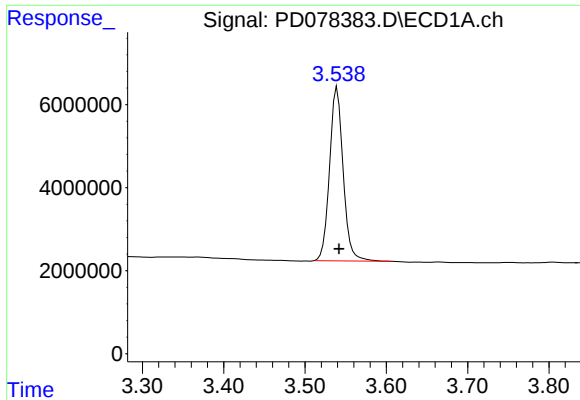
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
Data File : PD078383.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2023 03:35  
Operator : AR\AJ  
Sample : PB155861BS  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 05:35:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 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

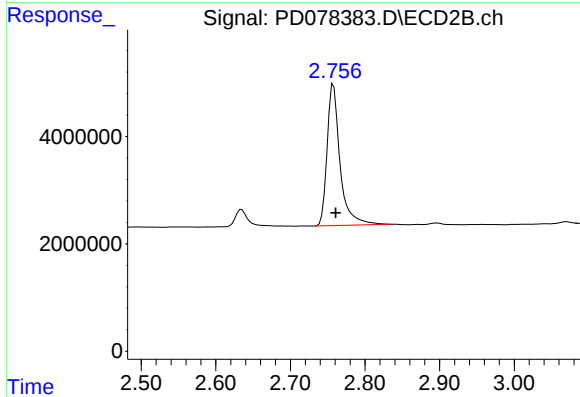




#1 Tetrachloro-m-xylene

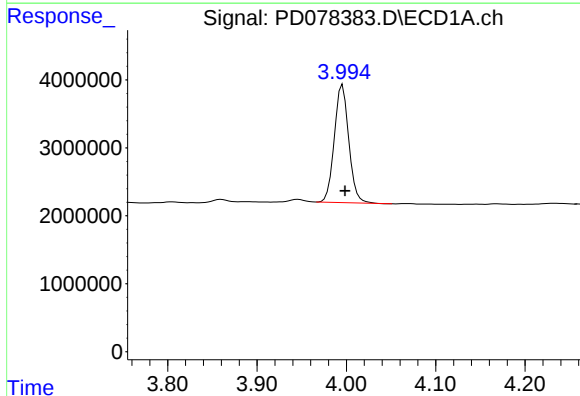
R.T.: 3.540 min  
Delta R.T.: -0.002 min  
Response: 48746733  
Conc: 19.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



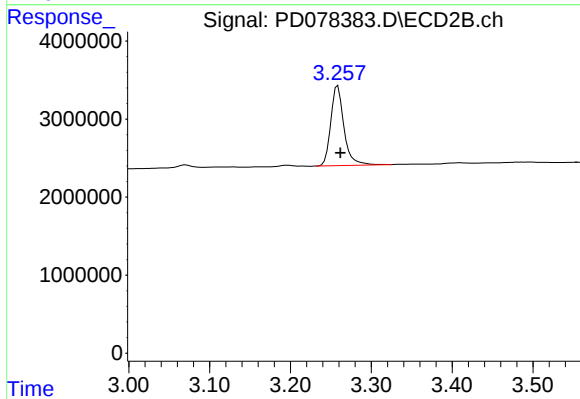
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: -0.003 min  
Response: 31802289  
Conc: 21.52 ng/ml



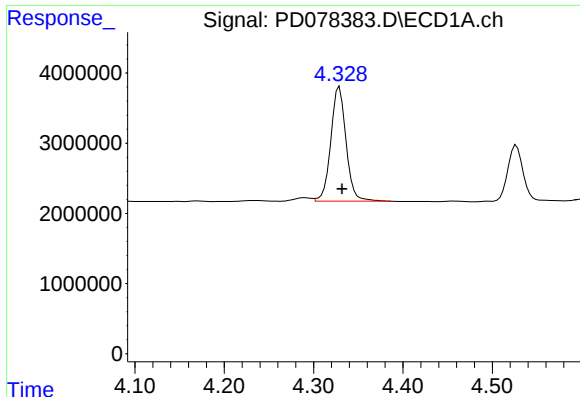
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 19417067  
Conc: 4.53 ng/ml



#2 alpha-BHC

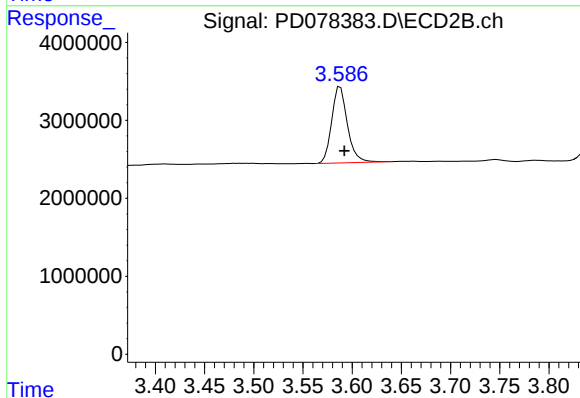
R.T.: 3.259 min  
Delta R.T.: -0.003 min  
Response: 11616226  
Conc: 5.12 ng/ml



#3 gamma-BHC (Lindane)

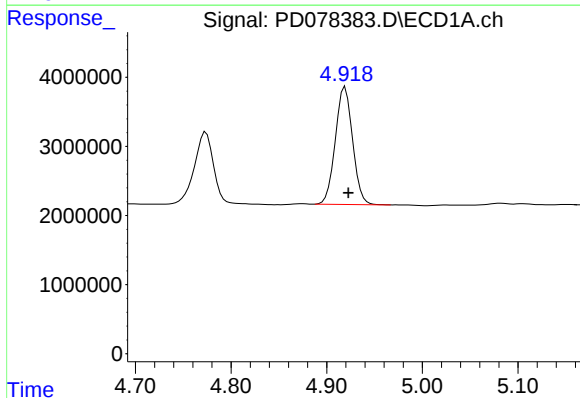
R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 19340637  
Conc: 4.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



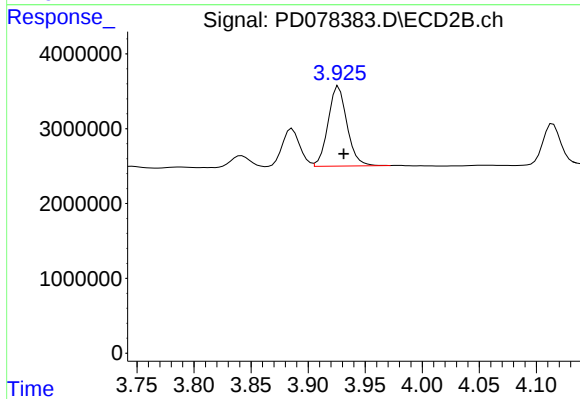
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: -0.004 min  
Response: 10880650  
Conc: 5.04 ng/ml



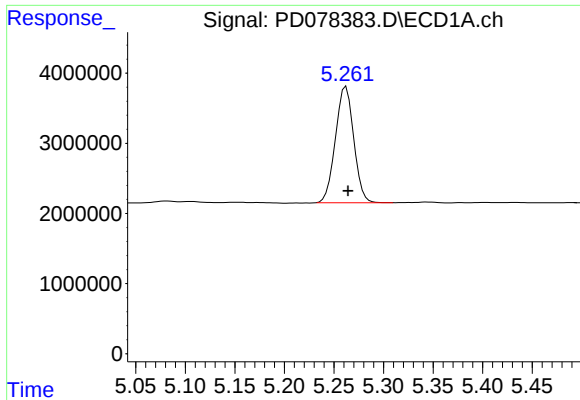
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.004 min  
Response: 21301358  
Conc: 5.10 ng/ml



#4 Heptachlor

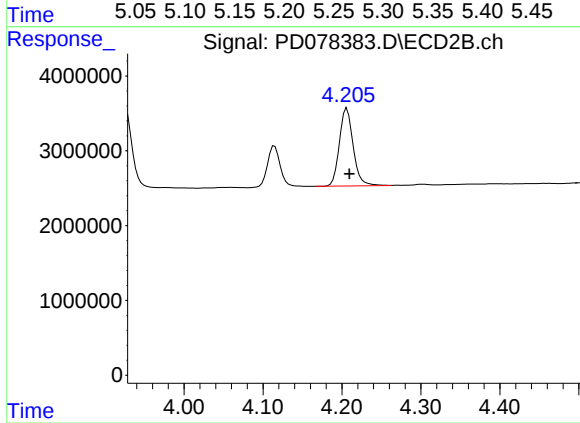
R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 12301532  
Conc: 5.53 ng/ml



#5 Aldrin

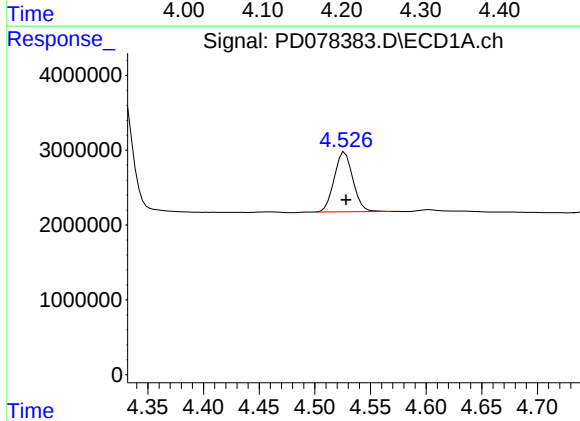
R.T.: 5.262 min  
Delta R.T.: -0.002 min  
Response: 21291350  
Conc: 5.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



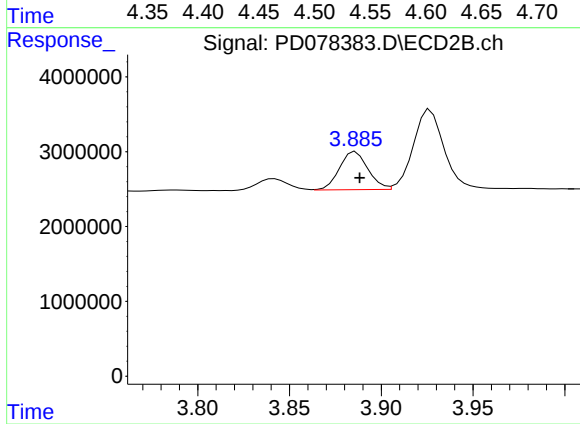
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: -0.003 min  
Response: 12621661  
Conc: 5.63 ng/ml



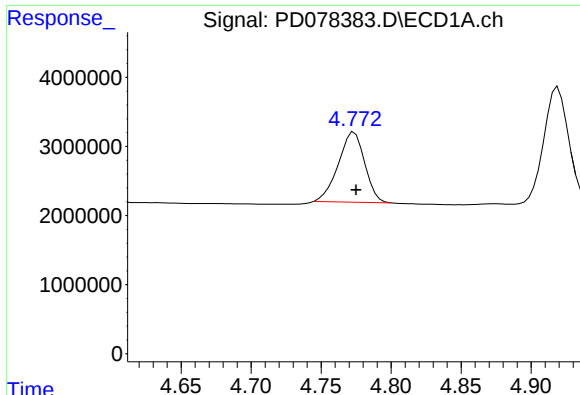
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 9333434  
Conc: 5.08 ng/ml



#6 beta-BHC

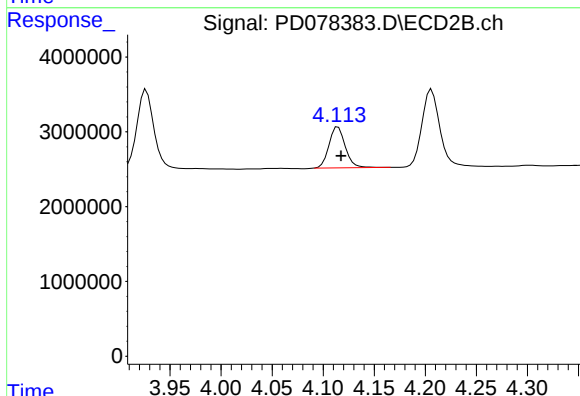
R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 5499422  
Conc: 5.57 ng/ml



#7 delta-BHC

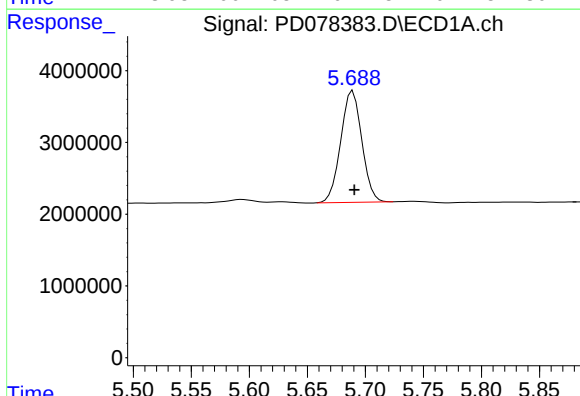
R.T.: 4.774 min  
Delta R.T.: -0.001 min  
Response: 13297209  
Conc: 3.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



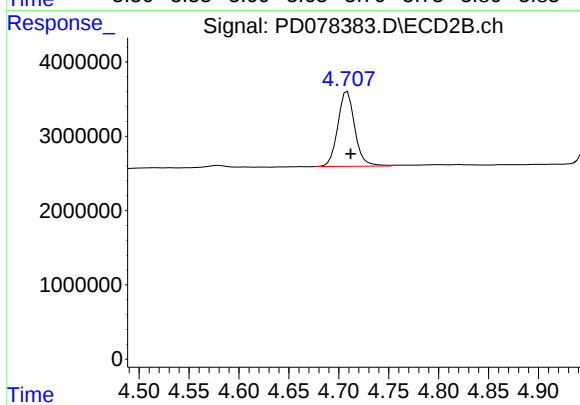
#7 delta-BHC

R.T.: 4.115 min  
Delta R.T.: -0.003 min  
Response: 6105093  
Conc: 2.74 ng/ml



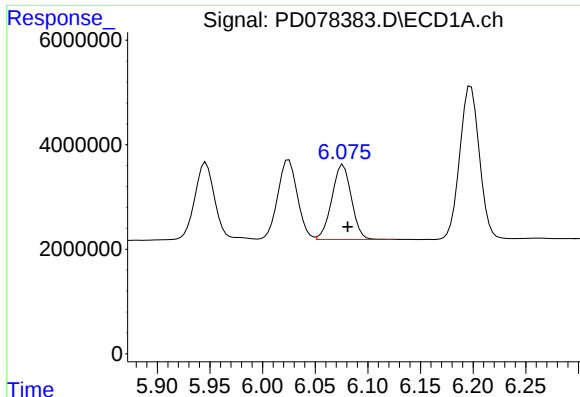
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.001 min  
Response: 19700970  
Conc: 5.10 ng/ml



#8 Heptachlor epoxide

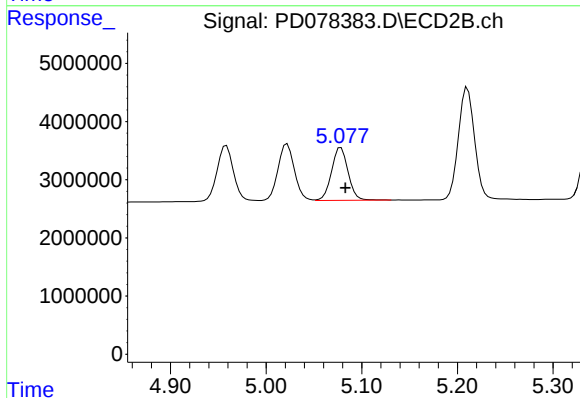
R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 11920558  
Conc: 5.68 ng/ml



#9 Endosulfan I

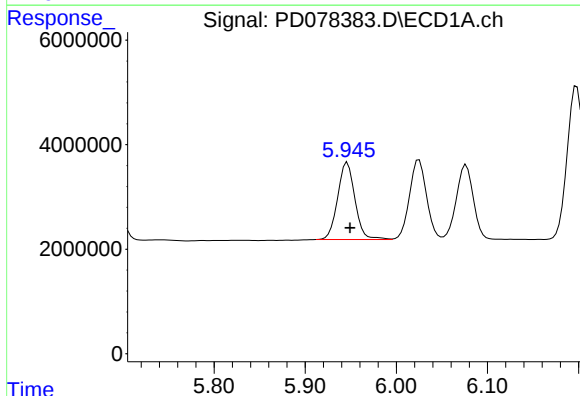
R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 18426420  
Conc: 5.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



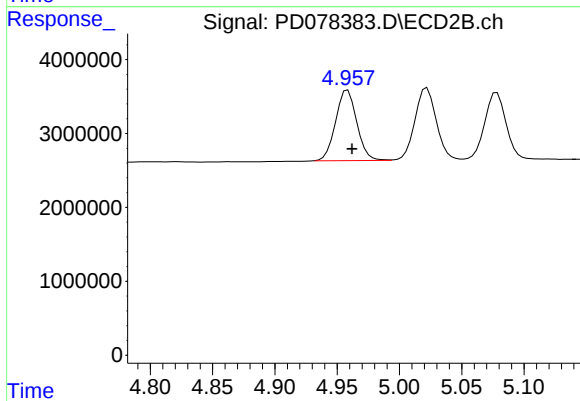
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: -0.005 min  
Response: 10915162  
Conc: 6.08 ng/ml



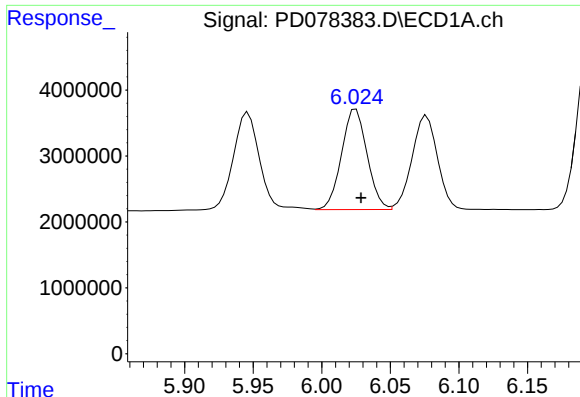
#10 trans-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 19506783  
Conc: 5.24 ng/ml



#10 trans-Chlordane

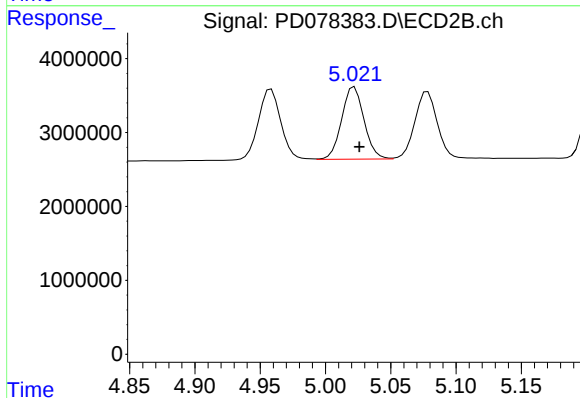
R.T.: 4.958 min  
Delta R.T.: -0.004 min  
Response: 11330888  
Conc: 5.67 ng/ml



#11 cis-Chlordane

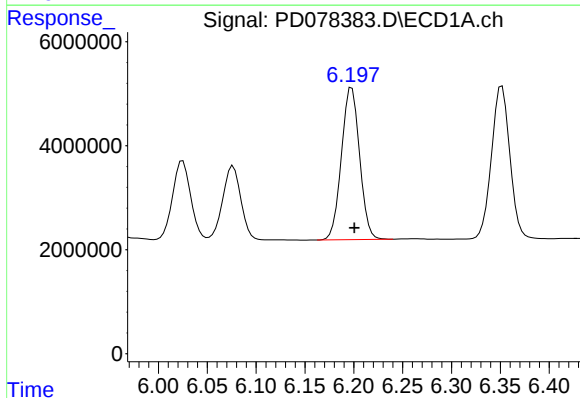
R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 19777406  
Conc: 5.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



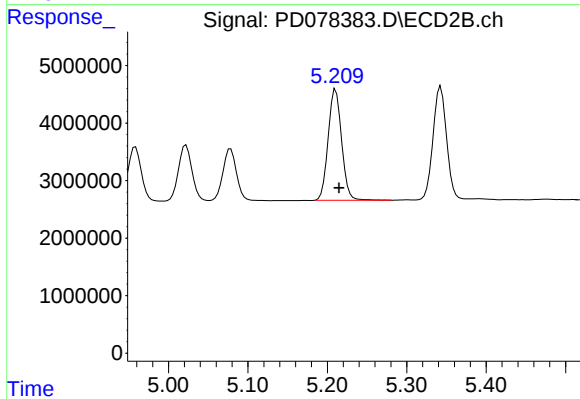
#11 cis-Chlordane

R.T.: 5.022 min  
Delta R.T.: -0.004 min  
Response: 11682640  
Conc: 5.71 ng/ml



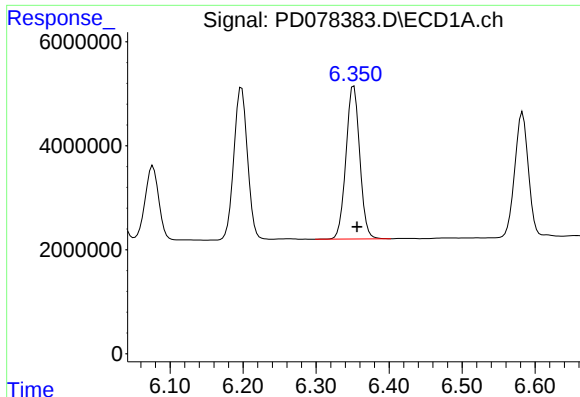
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 37876482  
Conc: 10.68 ng/ml



#12 4,4'-DDE

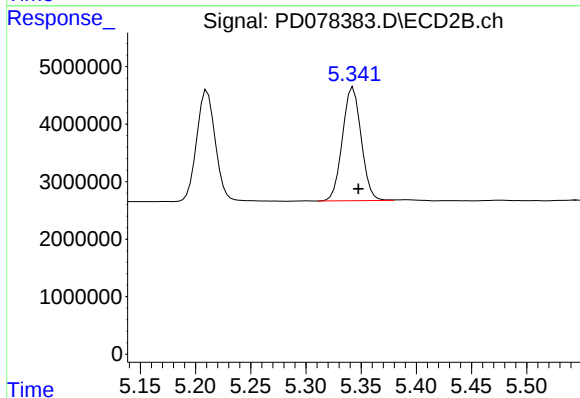
R.T.: 5.211 min  
Delta R.T.: -0.004 min  
Response: 22717632  
Conc: 11.96 ng/ml



#13 Dieldrin

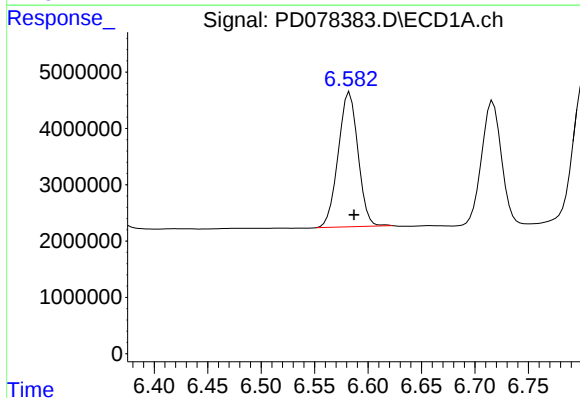
R.T.: 6.352 min  
Delta R.T.: -0.005 min  
Response: 38590268  
Conc: 10.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



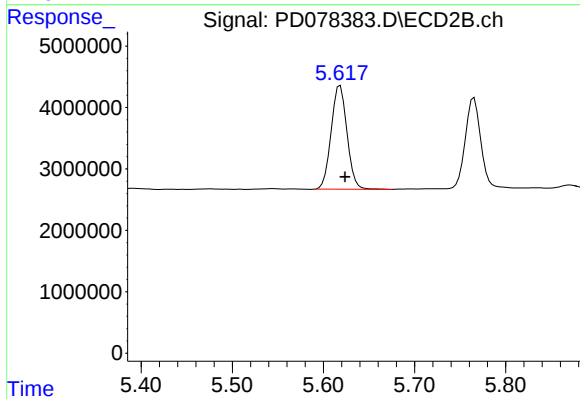
#13 Dieldrin

R.T.: 5.343 min  
Delta R.T.: -0.005 min  
Response: 23339333  
Conc: 11.29 ng/ml



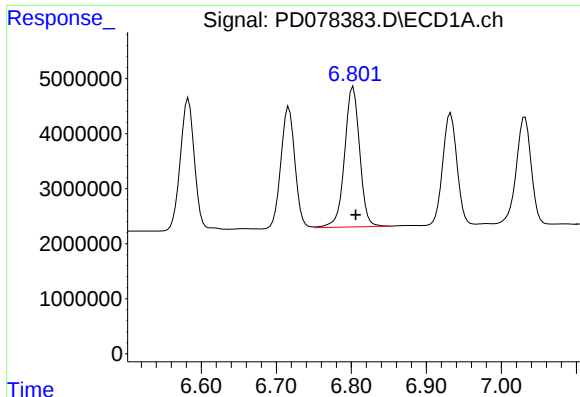
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: -0.004 min  
Response: 30852199  
Conc: 10.00 ng/ml



#14 Endrin

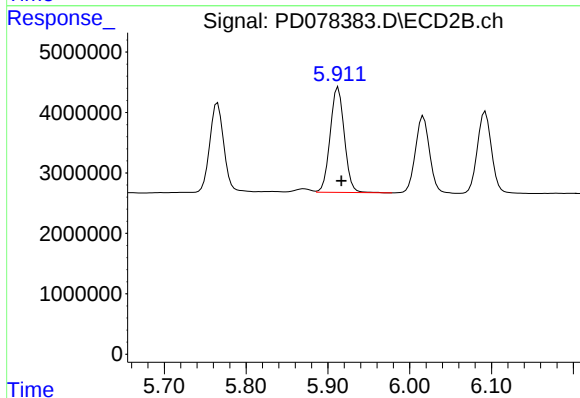
R.T.: 5.618 min  
Delta R.T.: -0.005 min  
Response: 20422638  
Conc: 11.17 ng/ml



#15 Endosulfan II

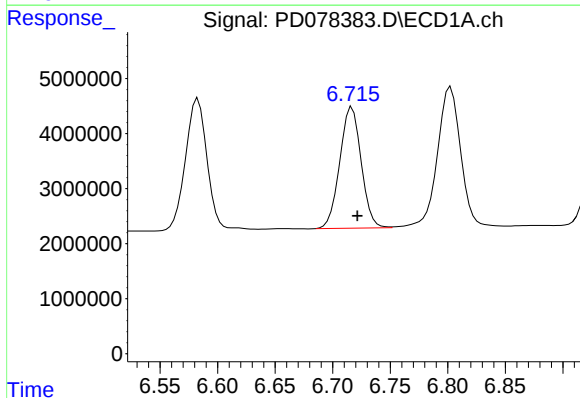
R.T.: 6.803 min  
Delta R.T.: -0.003 min  
Response: 35505086  
Conc: 10.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



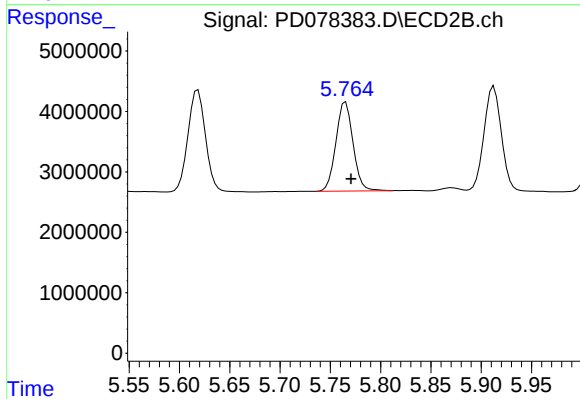
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: -0.004 min  
Response: 20982957  
Conc: 11.59 ng/ml



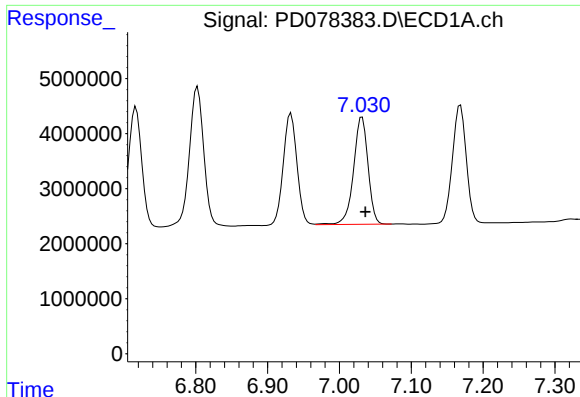
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: -0.005 min  
Response: 28566716  
Conc: 10.74 ng/ml



#16 4,4'-DDD

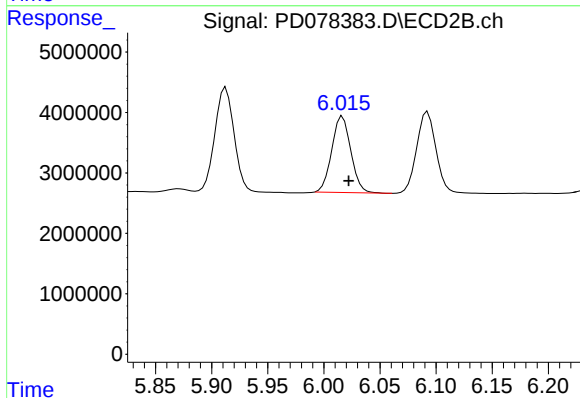
R.T.: 5.765 min  
Delta R.T.: -0.005 min  
Response: 17445205  
Conc: 12.96 ng/ml



#17 4,4'-DDT

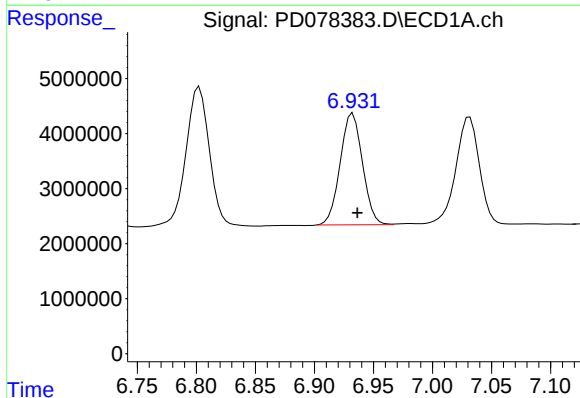
R.T.: 7.032 min  
Delta R.T.: -0.005 min  
Response: 27188185  
Conc: 9.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



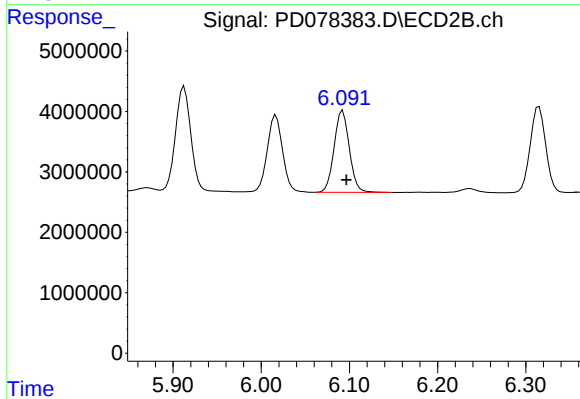
#17 4,4'-DDT

R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 14931288  
Conc: 10.56 ng/ml



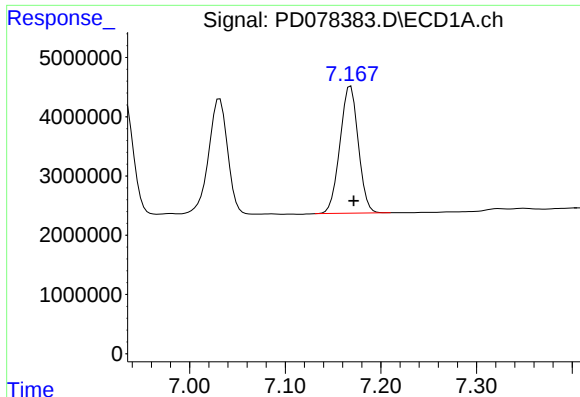
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: -0.004 min  
Response: 26694500  
Conc: 10.27 ng/ml



#18 Endrin aldehyde

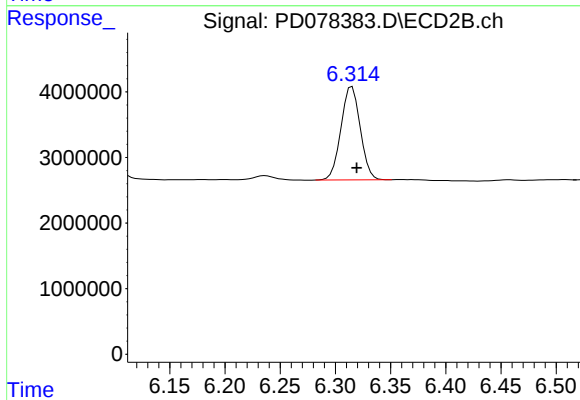
R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 16267581  
Conc: 11.56 ng/ml



#19 Endosulfan Sulfate

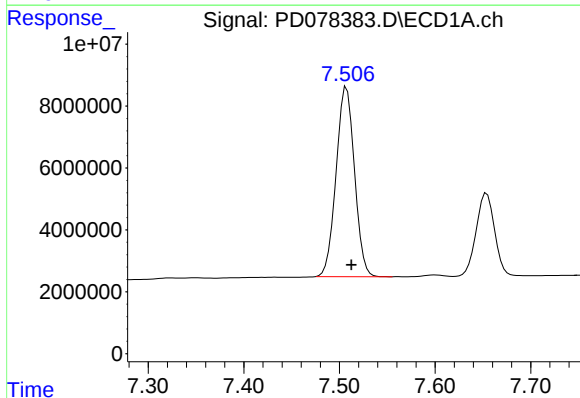
R.T.: 7.168 min  
Delta R.T.: -0.003 min  
Response: 28668610  
Conc: 9.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



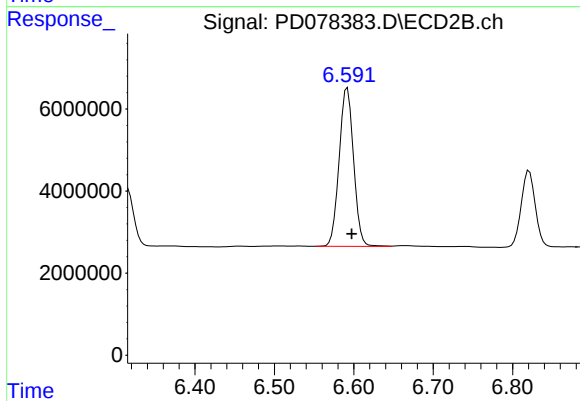
#19 Endosulfan Sulfate

R.T.: 6.315 min  
Delta R.T.: -0.004 min  
Response: 17309753  
Conc: 10.48 ng/ml



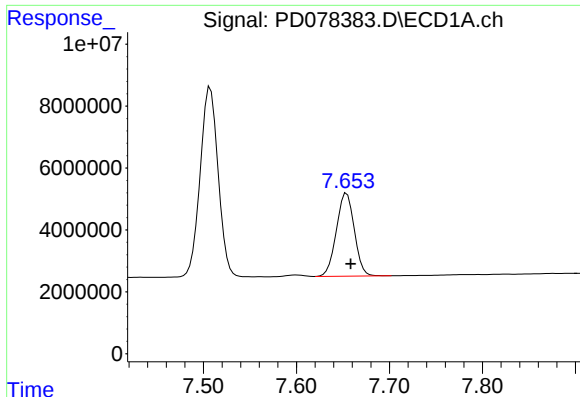
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: -0.005 min  
Response: 81976823  
Conc: 52.56 ng/ml



#20 Methoxychlor

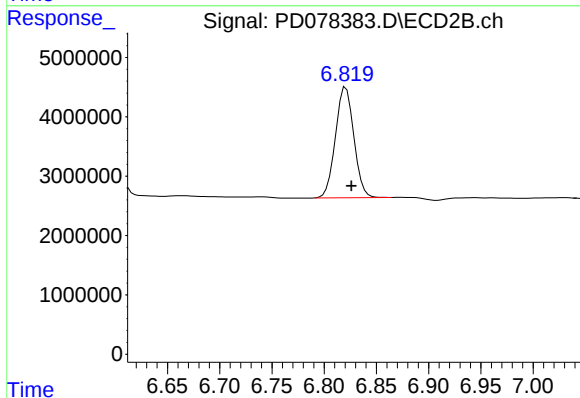
R.T.: 6.592 min  
Delta R.T.: -0.005 min  
Response: 48900098  
Conc: 62.67 ng/ml



#21 Endrin ketone

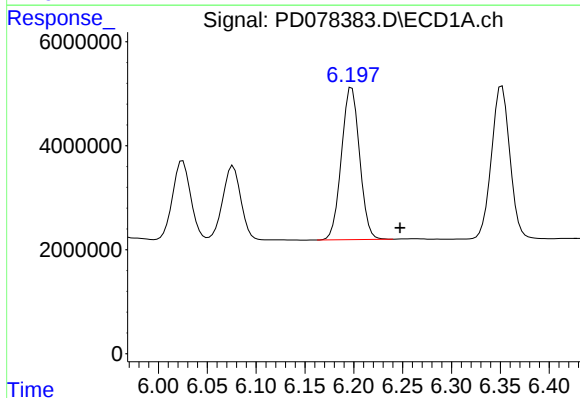
R.T.: 7.654 min  
Delta R.T.: -0.004 min  
Response: 35962528  
Conc: 10.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



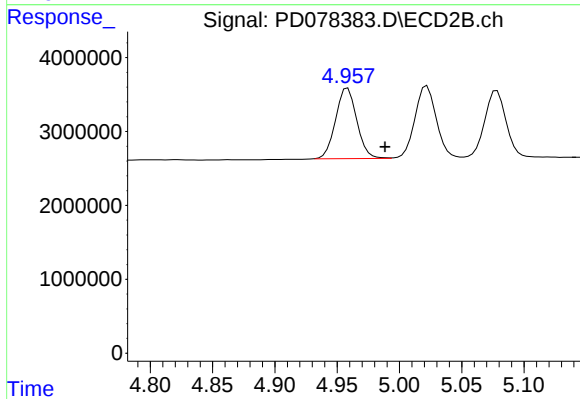
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: -0.005 min  
Response: 22831986  
Conc: 11.92 ng/ml



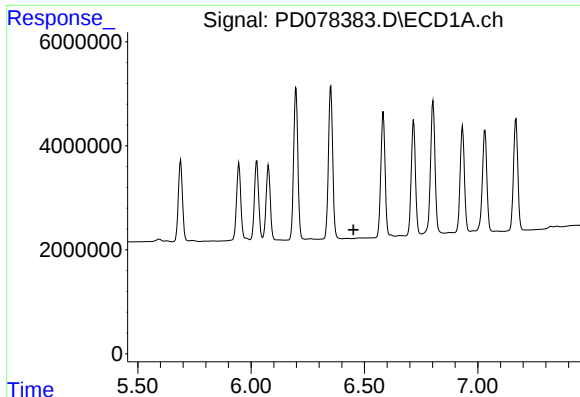
#22 Toxaphene-1

R.T.: 6.198 min  
Delta R.T.: -0.050 min  
Response: 37876482  
Conc: 1419.52 ng/ml



#22 Toxaphene-1

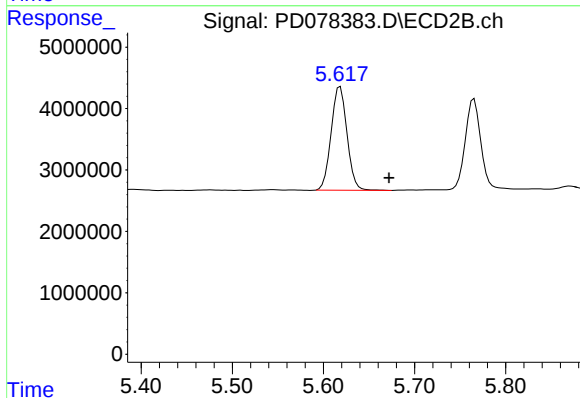
R.T.: 4.958 min  
Delta R.T.: -0.030 min  
Response: 11330888  
Conc: 1085.56 ng/ml



#23 Toxaphene-2

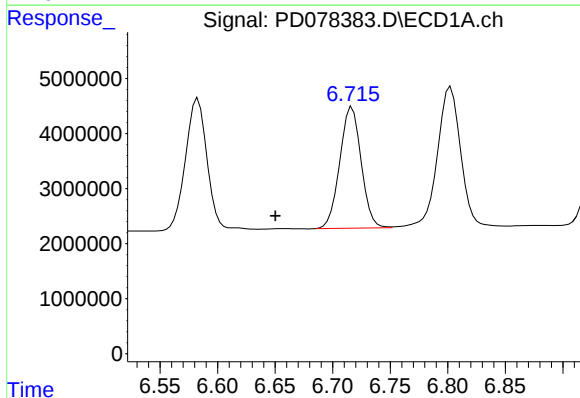
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



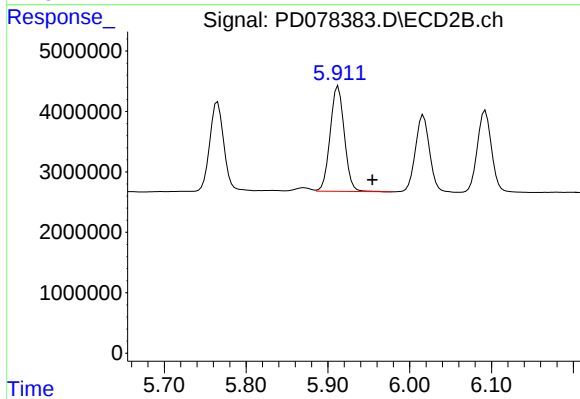
#23 Toxaphene-2

R.T.: 5.618 min  
Delta R.T.: -0.053 min  
Response: 20422638  
Conc: 1693.58 ng/ml



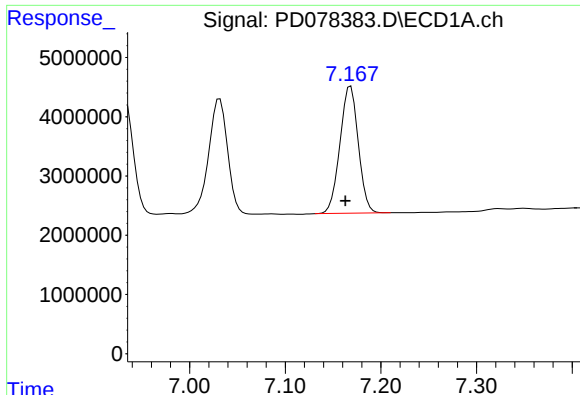
#24 Toxaphene-3

R.T.: 6.717 min  
Delta R.T.: 0.066 min  
Response: 28566716  
Conc: 1237.51 ng/ml



#24 Toxaphene-3

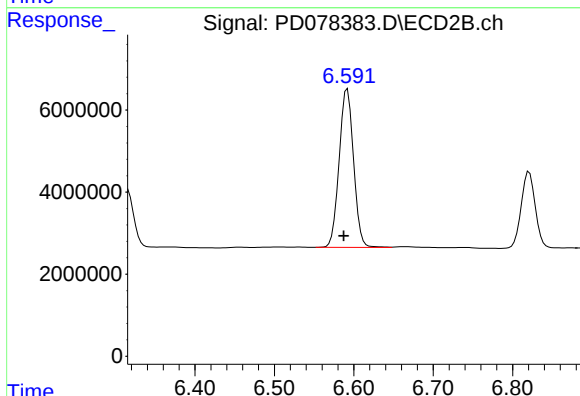
R.T.: 5.913 min  
Delta R.T.: -0.042 min  
Response: 20982957  
Conc: 1538.54 ng/ml



#25 Toxaphene-4

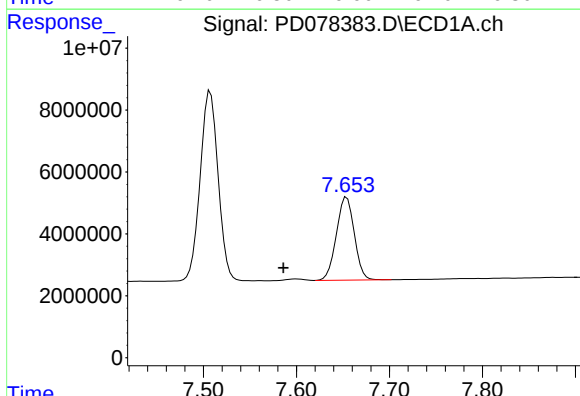
R.T.: 7.168 min  
Delta R.T.: 0.005 min  
Response: 28668610  
Conc: 398.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



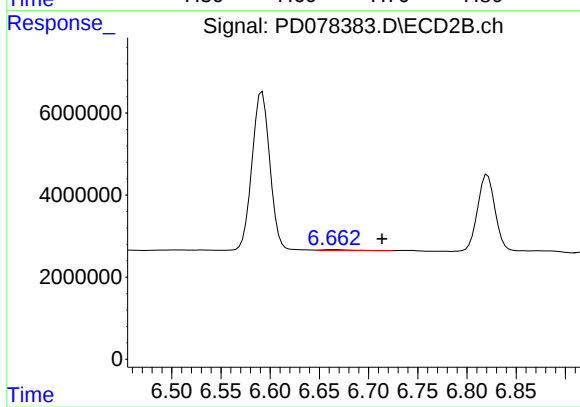
#25 Toxaphene-4

R.T.: 6.592 min  
Delta R.T.: 0.005 min  
Response: 48900098  
Conc: 1267.10 ng/ml



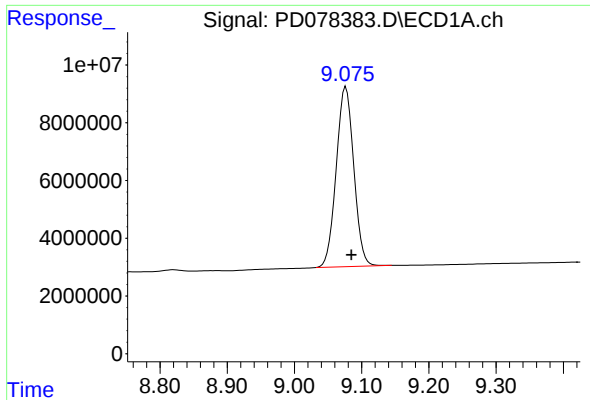
#26 Toxaphene-5

R.T.: 7.654 min  
Delta R.T.: 0.068 min  
Response: 35962528  
Conc: 690.09 ng/ml



#26 Toxaphene-5

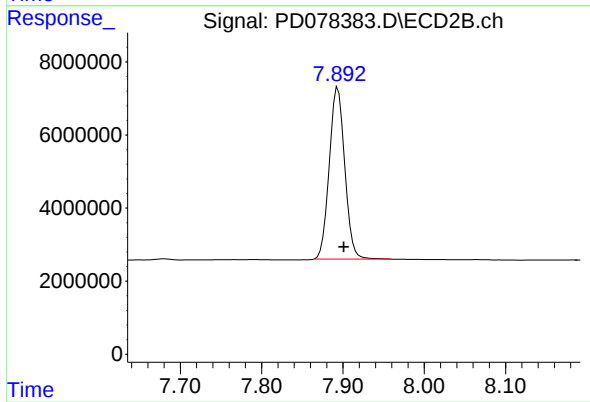
R.T.: 6.664 min  
Delta R.T.: -0.050 min  
Response: 411647  
Conc: 7.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: -0.008 min  
Response: 112622415  
Conc: 36.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: -0.007 min  
Response: 62397929  
Conc: 38.53 ng/ml