

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
 Data File : PD078312.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2023 11:20  
 Operator : AR\AJ  
 Sample : PB155747BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 21:36:35 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

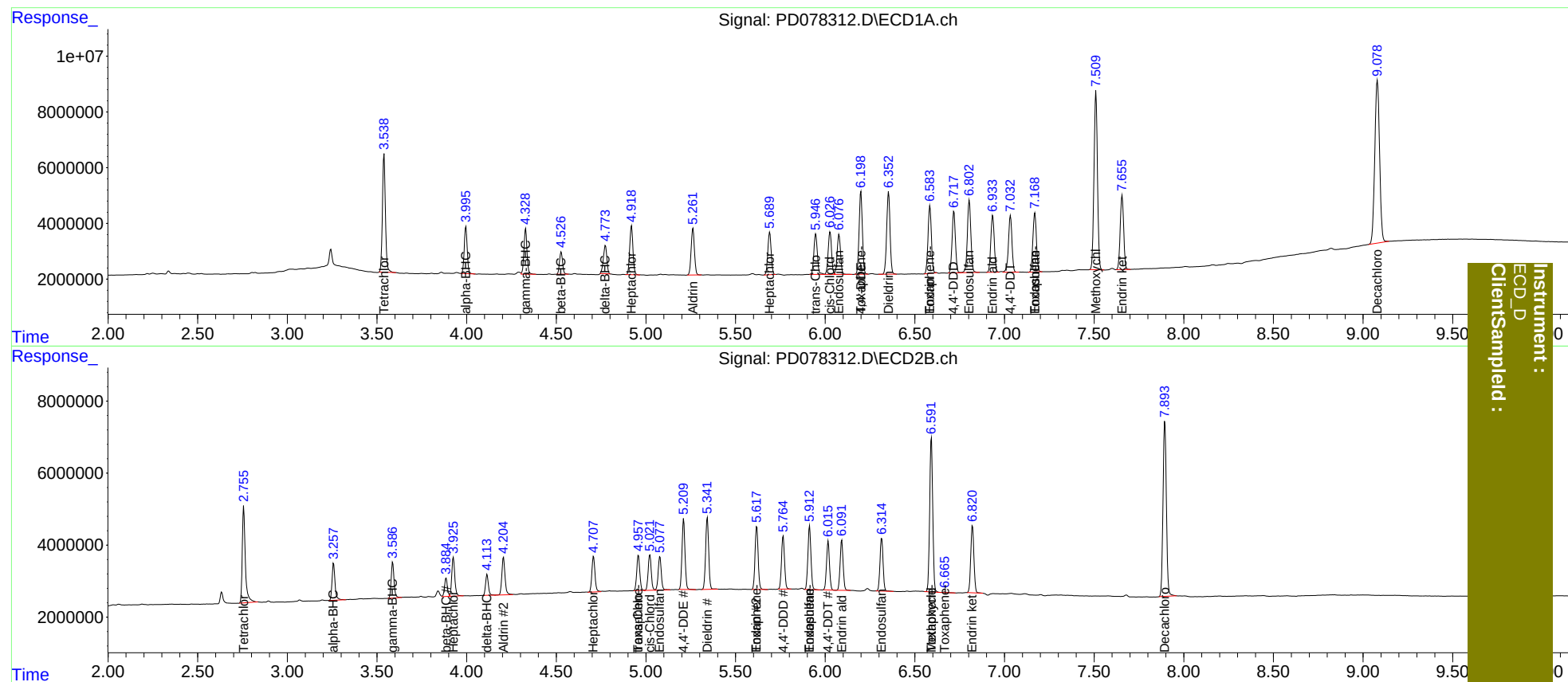
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.540  | 2.757  | 48870079 | 31763599 | 19.258   | 21.493     |
| 27)                         | SA Decachlor... | 9.080  | 7.894  | 109.3E6  | 63688995 | 34.999   | 39.326     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.996  | 3.258  | 19427085 | 11715459 | 4.537    | 5.168      |
| 3)                          | MA gamma-BHC... | 4.329  | 3.588  | 19355041 | 10943228 | 4.787    | 5.068      |
| 4)                          | MA Heptachlor   | 4.920  | 3.926  | 21784235 | 12757296 | 5.213    | 5.738      |
| 5)                          | MB Aldrin       | 5.262  | 4.206  | 21426311 | 12854363 | 5.132    | 5.735      |
| 6)                          | B beta-BHC      | 4.527  | 3.886  | 9371978  | 5599125  | 5.101    | 5.667      |
| 7)                          | B delta-BHC     | 4.774  | 4.114  | 13470440 | 6224264  | 3.355    | 2.792      |
| 8)                          | B Heptachlo...  | 5.690  | 4.708  | 19709829 | 11991445 | 5.100    | 5.709      |
| 9)                          | A Endosulfan I  | 6.077  | 5.078  | 18779261 | 11063011 | 5.595    | 6.163      |
| 10)                         | B trans-Chl...  | 5.947  | 4.958  | 19560656 | 11540492 | 5.254    | 5.779      |
| 11)                         | B cis-Chlor...  | 6.027  | 5.022  | 19883715 | 11799963 | 5.159    | 5.770      |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.210  | 37814615 | 22819943 | 10.667   | 12.013     |
| 13)                         | MA Dieldrin     | 6.354  | 5.343  | 38390601 | 23745566 | 10.256   | 11.491     |
| 14)                         | MA Endrin       | 6.584  | 5.618  | 31683145 | 21036559 | 10.269   | 11.506     |
| 15)                         | B Endosulfa...  | 6.804  | 5.913  | 34961073 | 20984533 | 10.559   | 11.596     |
| 16)                         | A 4,4'-DDD      | 6.718  | 5.766  | 28417822 | 17337053 | 10.684   | 12.881     |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.017  | 27659170 | 15604133 | 10.096   | 11.040     |
| 18)                         | B Endrin al...  | 6.934  | 6.093  | 27172022 | 16494911 | 10.457   | 11.726     |
| 19)                         | B Endosulfa...  | 7.169  | 6.315  | 28851942 | 17667482 | 9.521    | 10.693     |
| 20)                         | A Methoxychlor  | 7.510  | 6.592  | 85416749 | 51020235 | 54.766   | 65.384     |
| 21)                         | B Endrin ke...  | 7.656  | 6.821  | 35724819 | 22919192 | 10.376   | 11.962     |
| 22)                         | Toxaphene-1     | 6.199f | 4.958  | 37814615 | 11540492 | 1417.198 | 1105.645   |
| 23)                         | Toxaphene-2     | 0.000  | 5.618f | 0        | 21036559 | N.D.     | 1744.493   |
| 24)                         | Toxaphene-3     | 6.584f | 5.913f | 31683145 | 20984533 | 1372.513 | 1538.653   |
| 25)                         | Toxaphene-4     | 7.169  | 6.592  | 28851942 | 51020235 | 401.540  | 1322.040 # |
| 26)                         | Toxaphene-5     | 0.000  | 6.666f | 0        | 229952   | N.D.     | 4.143      |
| -----                       |                 |        |        |          |          |          |            |

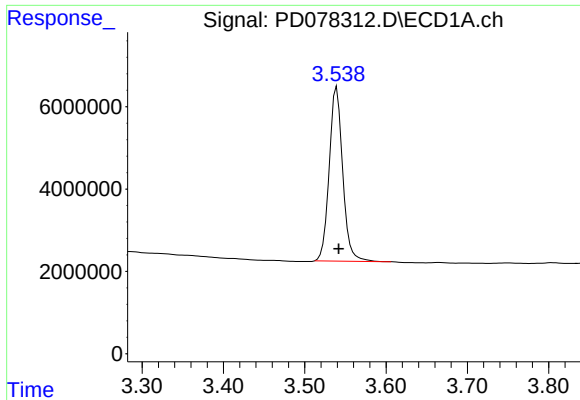
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092723\  
Data File : PD078312.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2023 11:20  
Operator : AR\AJ  
Sample : PB155747BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 21:36:35 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

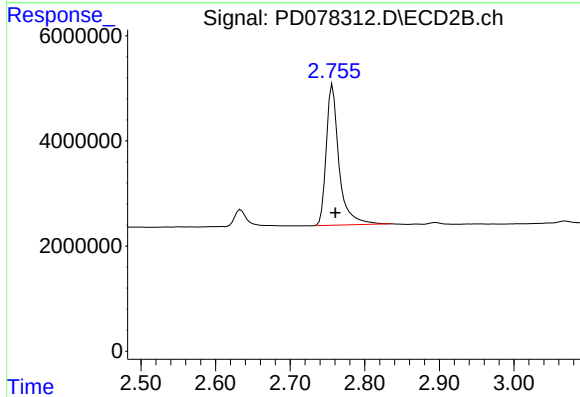




#1 Tetrachloro-m-xylene

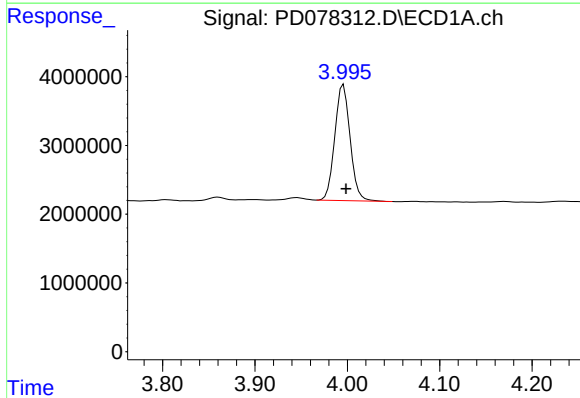
R.T.: 3.540 min  
Delta R.T.: -0.002 min  
Response: 48870079  
Conc: 19.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



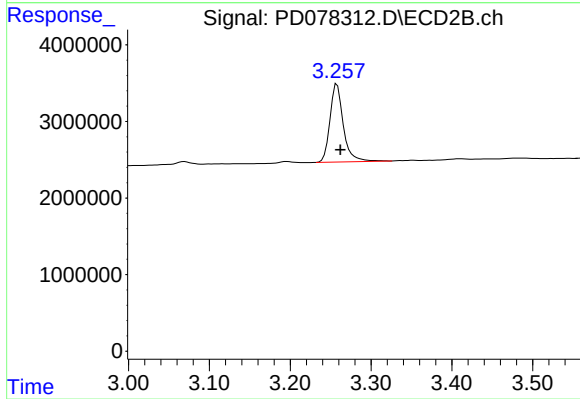
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: -0.004 min  
Response: 31763599  
Conc: 21.49 ng/ml



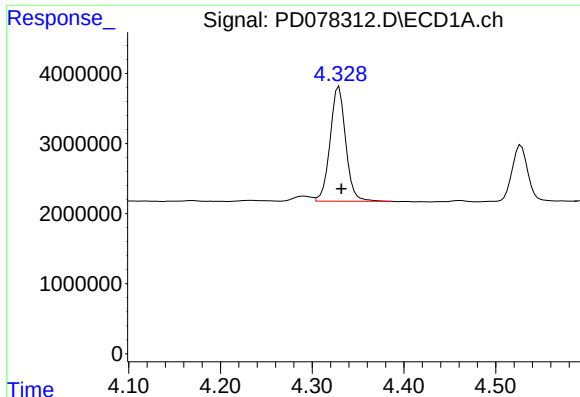
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 19427085  
Conc: 4.54 ng/ml



#2 alpha-BHC

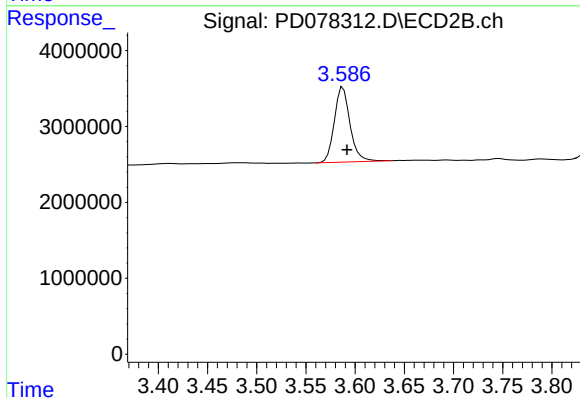
R.T.: 3.258 min  
Delta R.T.: -0.004 min  
Response: 11715459  
Conc: 5.17 ng/ml



#3 gamma-BHC (Lindane)

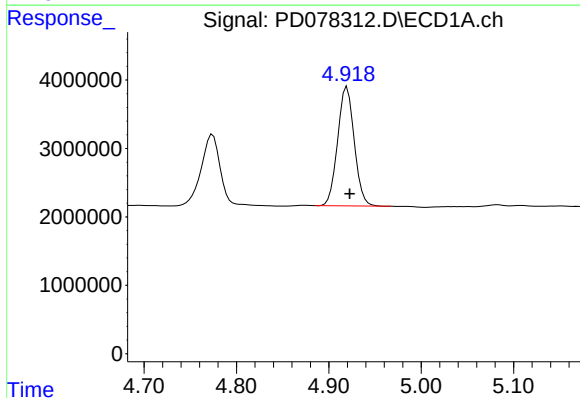
R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 19355041  
Conc: 4.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



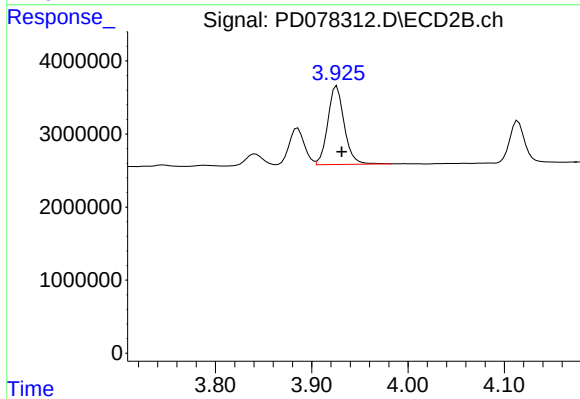
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: -0.004 min  
Response: 10943228  
Conc: 5.07 ng/ml



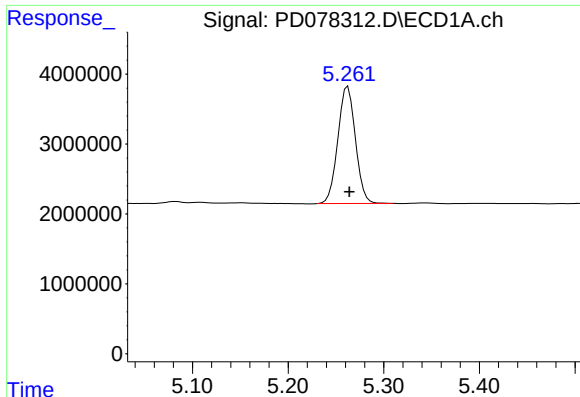
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.003 min  
Response: 21784235  
Conc: 5.21 ng/ml



#4 Heptachlor

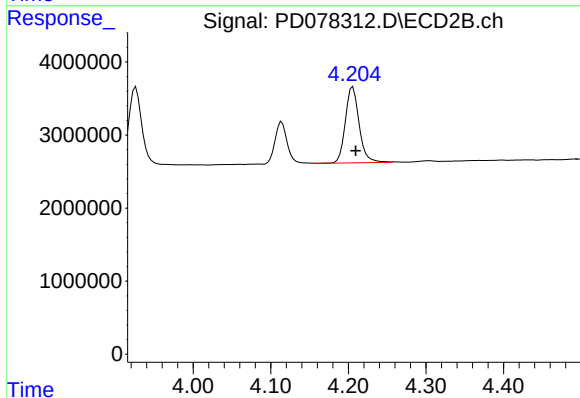
R.T.: 3.926 min  
Delta R.T.: -0.005 min  
Response: 12757296  
Conc: 5.74 ng/ml



#5 Aldrin

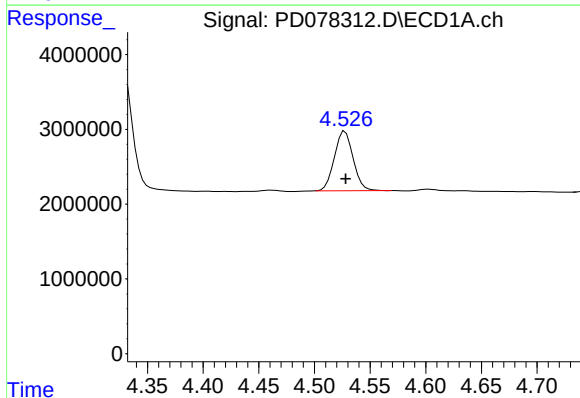
R.T.: 5.262 min  
Delta R.T.: -0.002 min  
Response: 21426311  
Conc: 5.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



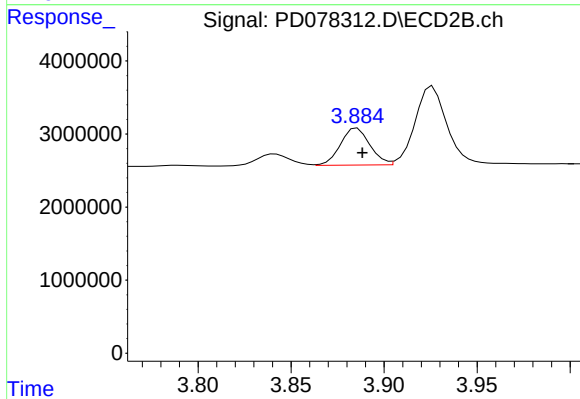
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: -0.004 min  
Response: 12854363  
Conc: 5.73 ng/ml



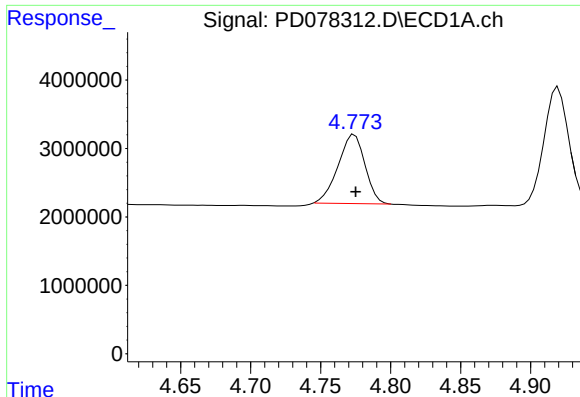
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 9371978  
Conc: 5.10 ng/ml



#6 beta-BHC

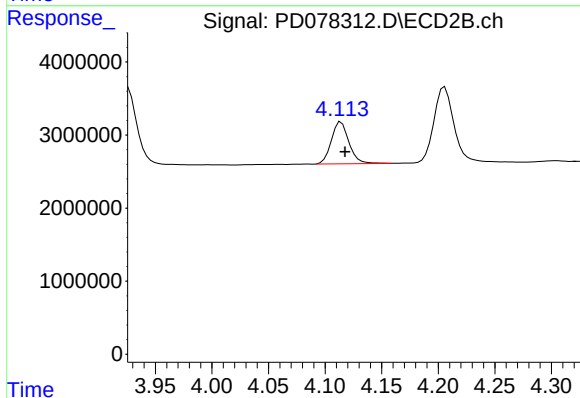
R.T.: 3.886 min  
Delta R.T.: -0.003 min  
Response: 5599125  
Conc: 5.67 ng/ml



#7 delta-BHC

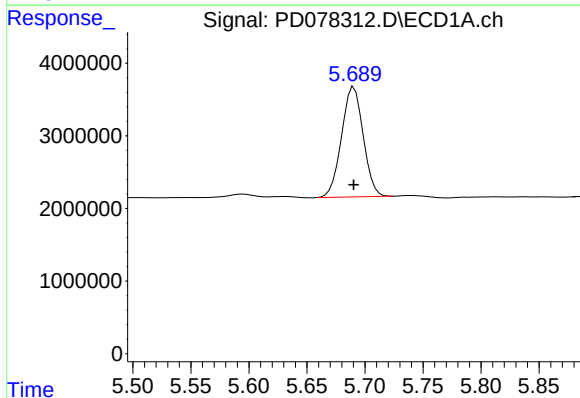
R.T.: 4.774 min  
Delta R.T.: 0.000 min  
Response: 13470440  
Conc: 3.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



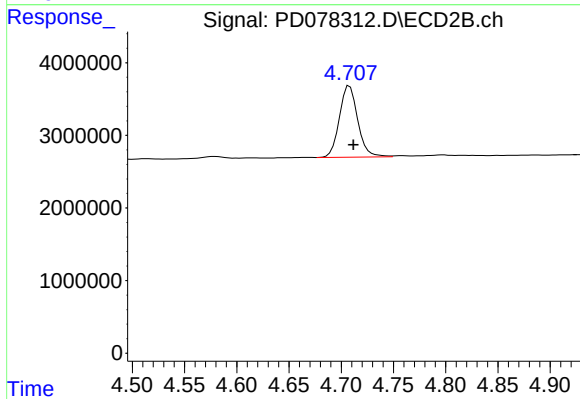
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: -0.003 min  
Response: 6224264  
Conc: 2.79 ng/ml



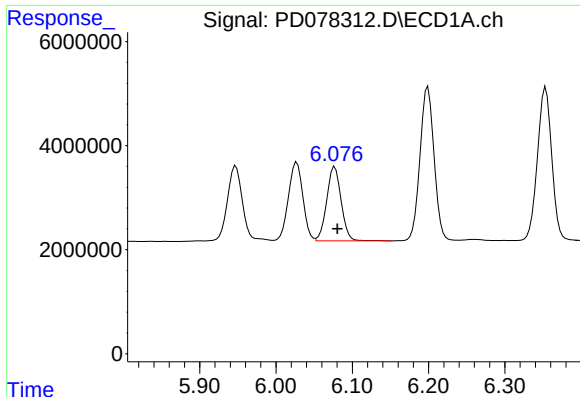
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 19709829  
Conc: 5.10 ng/ml



#8 Heptachlor epoxide

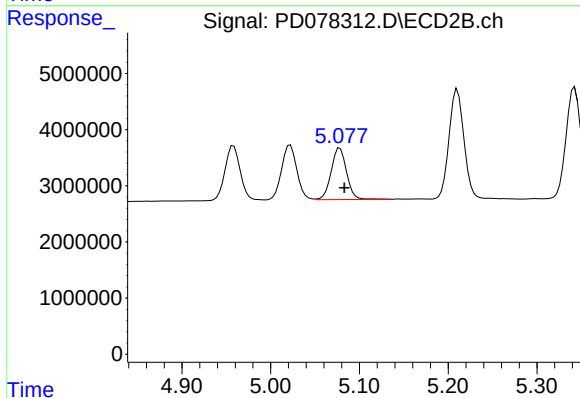
R.T.: 4.708 min  
Delta R.T.: -0.004 min  
Response: 11991445  
Conc: 5.71 ng/ml



#9 Endosulfan I

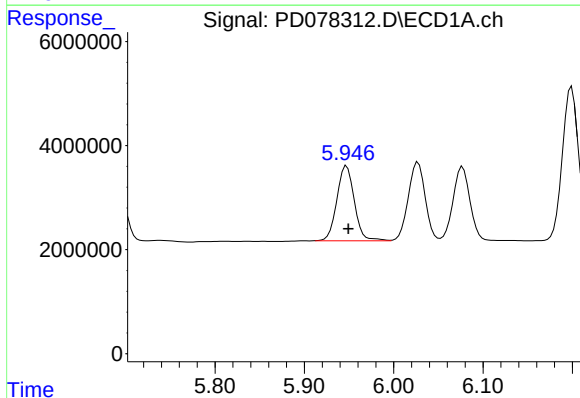
R.T.: 6.077 min  
Delta R.T.: -0.004 min  
Response: 18779261  
Conc: 5.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



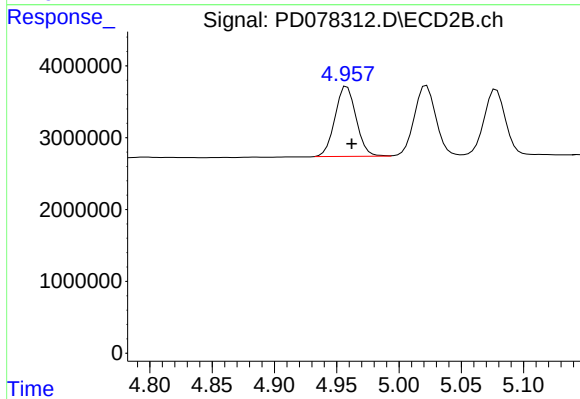
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: -0.005 min  
Response: 11063011  
Conc: 6.16 ng/ml



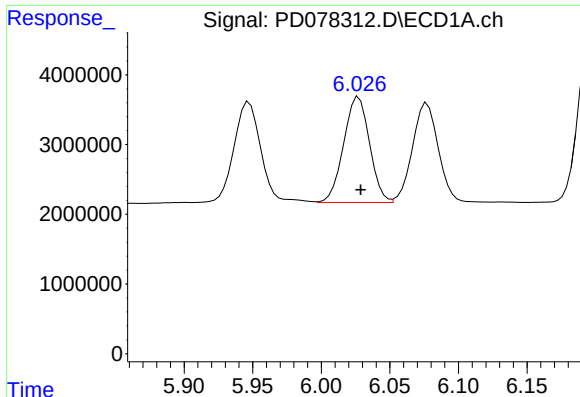
#10 trans-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 19560656  
Conc: 5.25 ng/ml



#10 trans-Chlordane

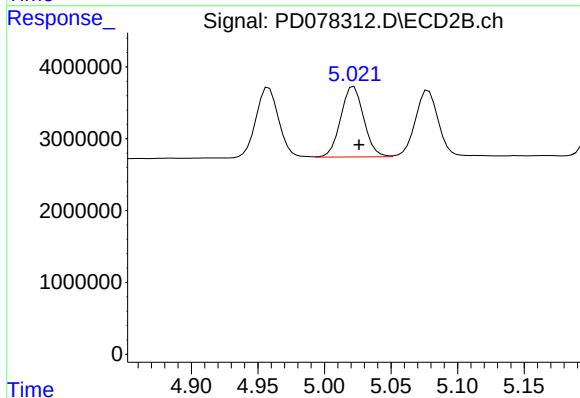
R.T.: 4.958 min  
Delta R.T.: -0.004 min  
Response: 11540492  
Conc: 5.78 ng/ml



#11 cis-Chlordane

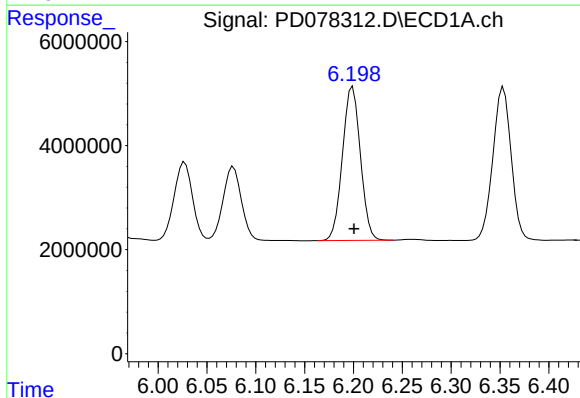
R.T.: 6.027 min  
Delta R.T.: -0.001 min  
Response: 19883715  
Conc: 5.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



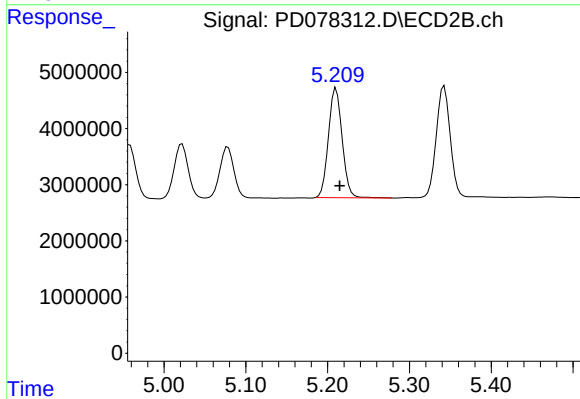
#11 cis-Chlordane

R.T.: 5.022 min  
Delta R.T.: -0.004 min  
Response: 11799963  
Conc: 5.77 ng/ml



#12 4,4'-DDE

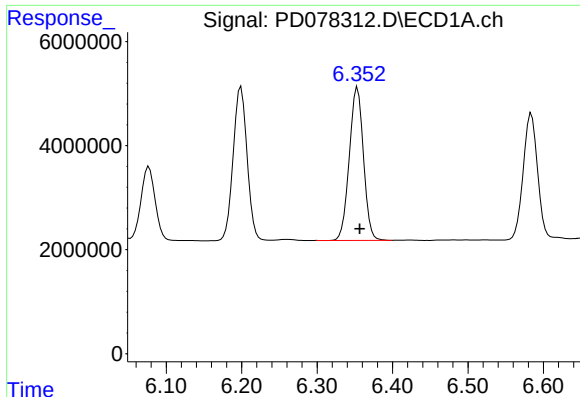
R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 37814615  
Conc: 10.67 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min  
Delta R.T.: -0.004 min  
Response: 22819943  
Conc: 12.01 ng/ml

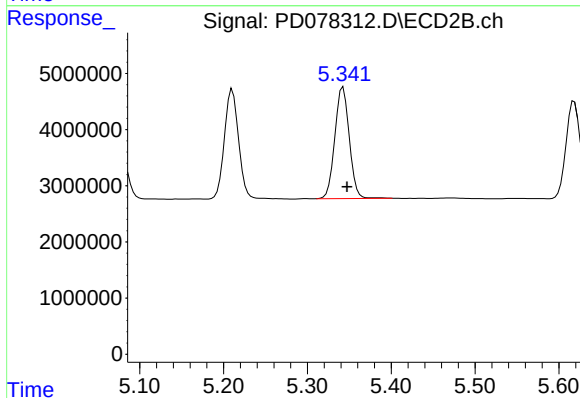




#13 Dieldrin

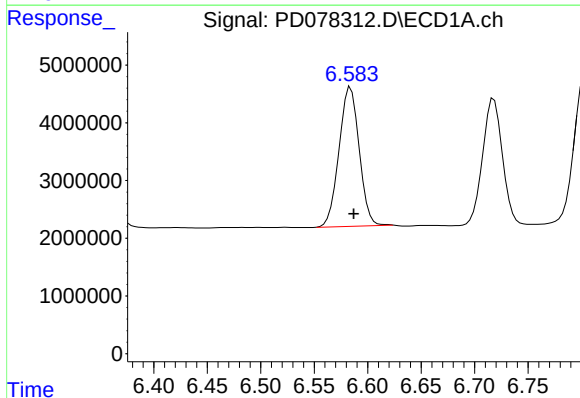
R.T.: 6.354 min  
Delta R.T.: -0.003 min  
Response: 38390601  
Conc: 10.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



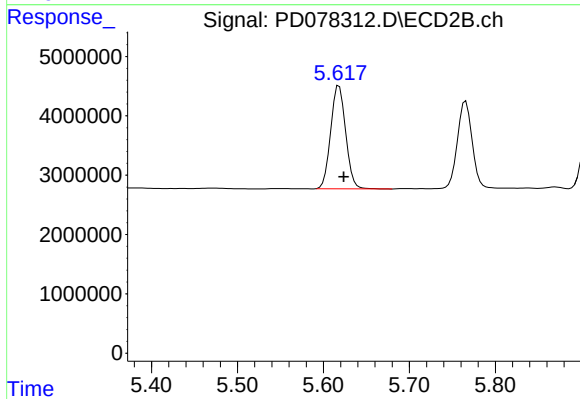
#13 Dieldrin

R.T.: 5.343 min  
Delta R.T.: -0.005 min  
Response: 23745566  
Conc: 11.49 ng/ml



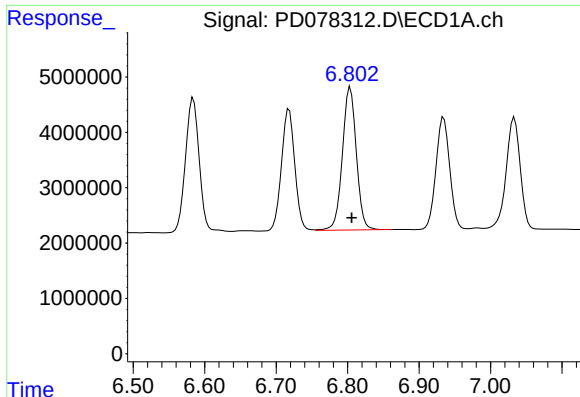
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: -0.003 min  
Response: 31683145  
Conc: 10.27 ng/ml



#14 Endrin

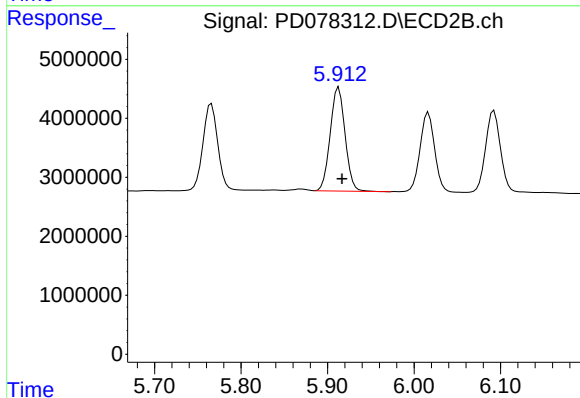
R.T.: 5.618 min  
Delta R.T.: -0.005 min  
Response: 21036559  
Conc: 11.51 ng/ml



#15 Endosulfan II

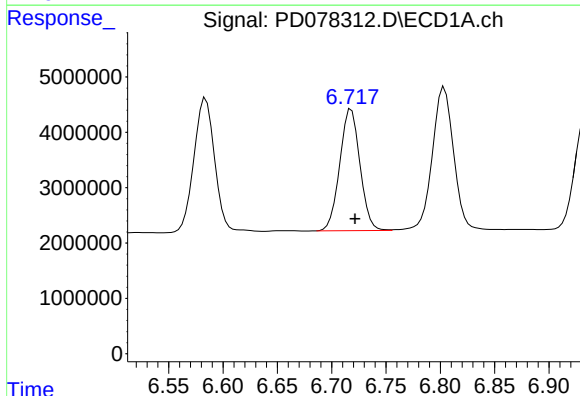
R.T.: 6.804 min  
Delta R.T.: -0.002 min  
Response: 34961073  
Conc: 10.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



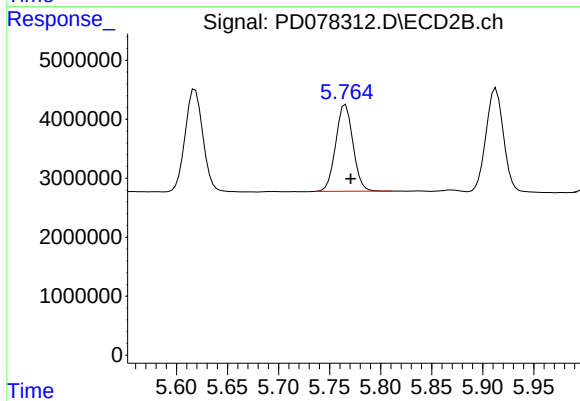
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: -0.004 min  
Response: 20984533  
Conc: 11.60 ng/ml



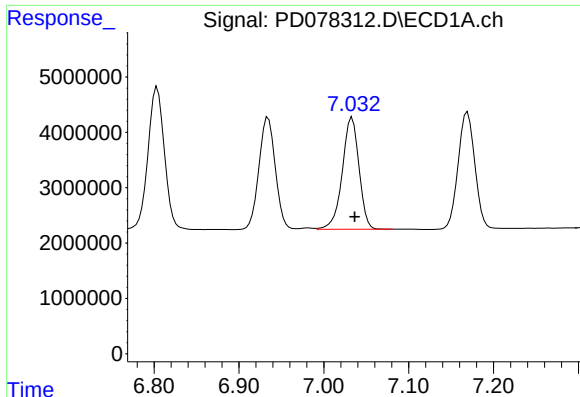
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: -0.004 min  
Response: 28417822  
Conc: 10.68 ng/ml



#16 4,4'-DDD

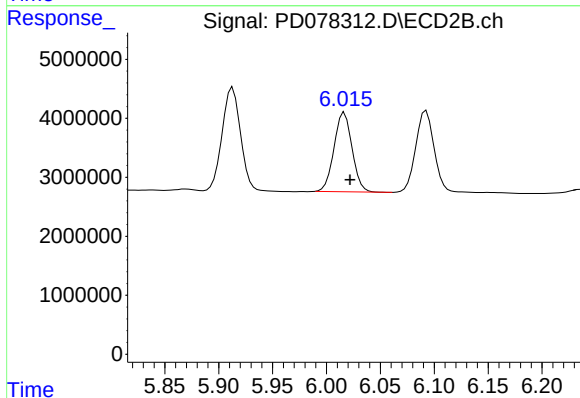
R.T.: 5.766 min  
Delta R.T.: -0.005 min  
Response: 17337053  
Conc: 12.88 ng/ml



#17 4,4'-DDT

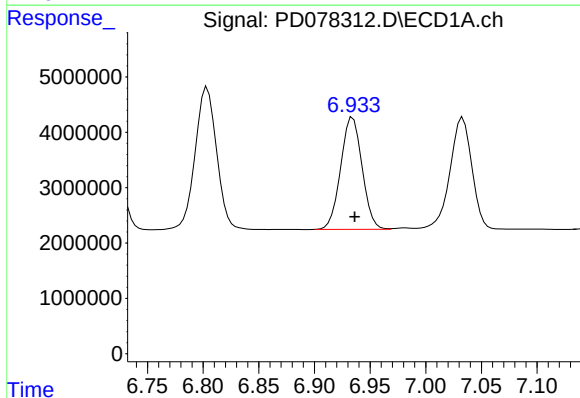
R.T.: 7.033 min  
Delta R.T.: -0.003 min  
Response: 27659170  
Conc: 10.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



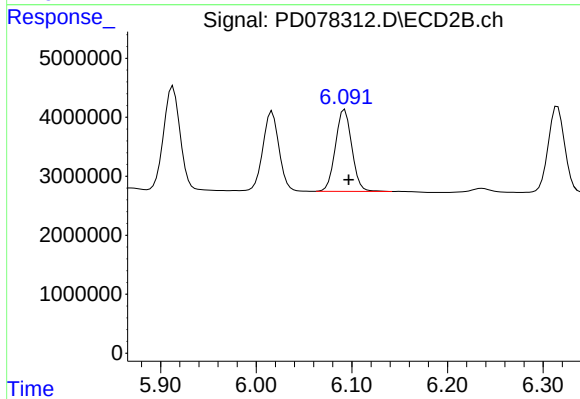
#17 4,4'-DDT

R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 15604133  
Conc: 11.04 ng/ml



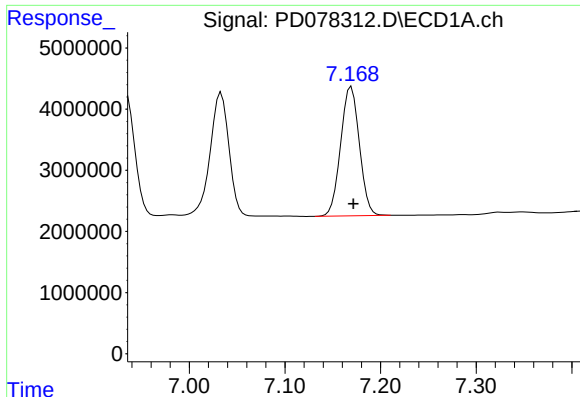
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 27172022  
Conc: 10.46 ng/ml



#18 Endrin aldehyde

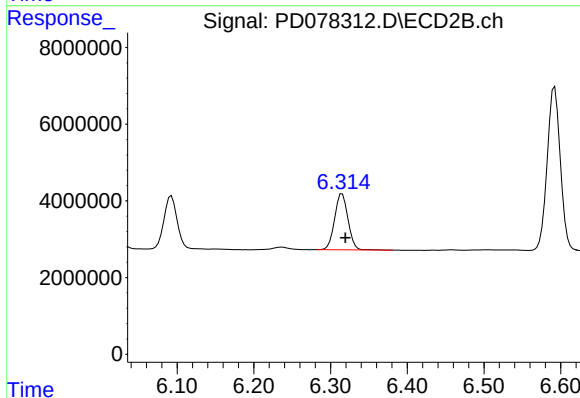
R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 16494911  
Conc: 11.73 ng/ml



#19 Endosulfan Sulfate

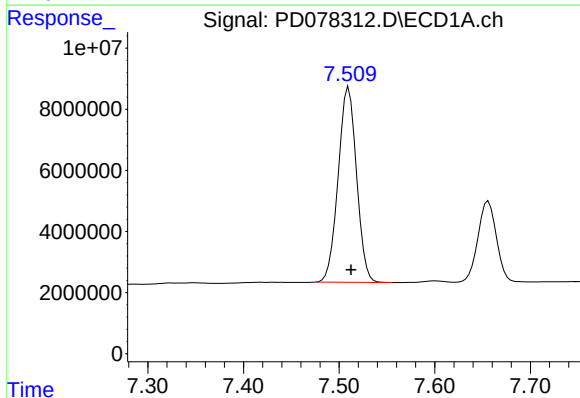
R.T.: 7.169 min  
Delta R.T.: -0.002 min  
Response: 28851942  
Conc: 9.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



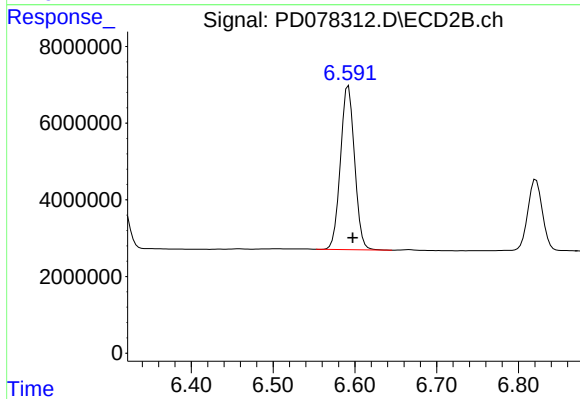
#19 Endosulfan Sulfate

R.T.: 6.315 min  
Delta R.T.: -0.004 min  
Response: 17667482  
Conc: 10.69 ng/ml



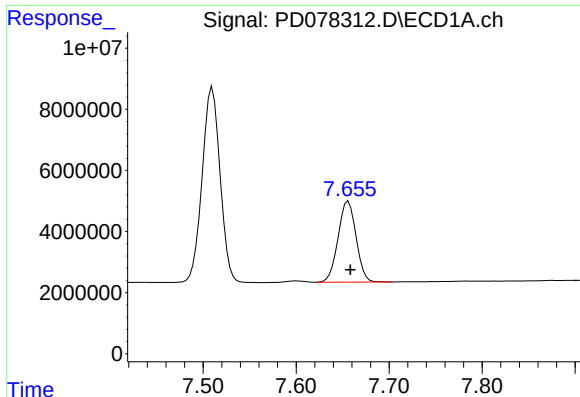
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: -0.003 min  
Response: 85416749  
Conc: 54.77 ng/ml



#20 Methoxychlor

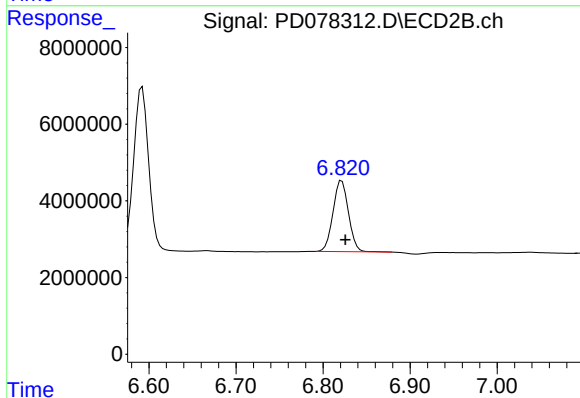
R.T.: 6.592 min  
Delta R.T.: -0.005 min  
Response: 51020235  
Conc: 65.38 ng/ml



#21 Endrin ketone

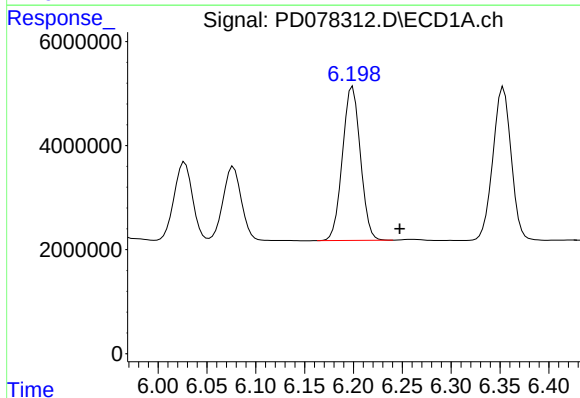
R.T.: 7.656 min  
Delta R.T.: -0.002 min  
Response: 35724819  
Conc: 10.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



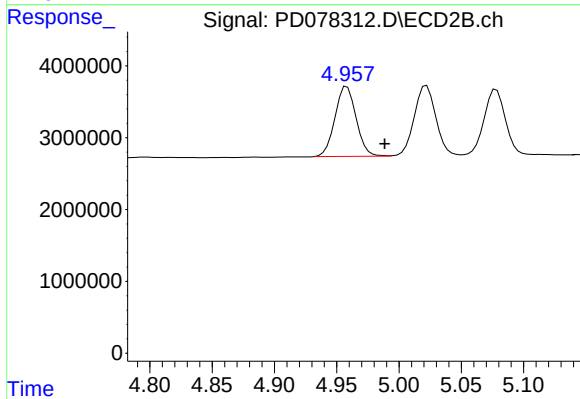
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: -0.004 min  
Response: 22919192  
Conc: 11.96 ng/ml



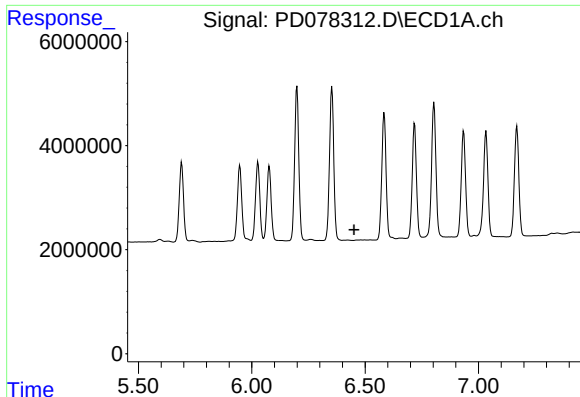
#22 Toxaphene-1

R.T.: 6.199 min  
Delta R.T.: -0.048 min  
Response: 37814615  
Conc: 1417.20 ng/ml



#22 Toxaphene-1

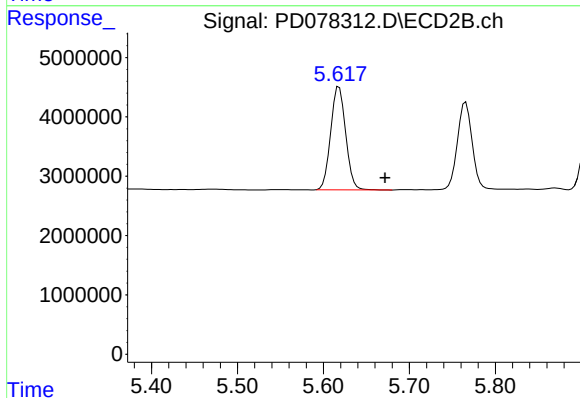
R.T.: 4.958 min  
Delta R.T.: -0.030 min  
Response: 11540492  
Conc: 1105.65 ng/ml



#23 Toxaphene-2

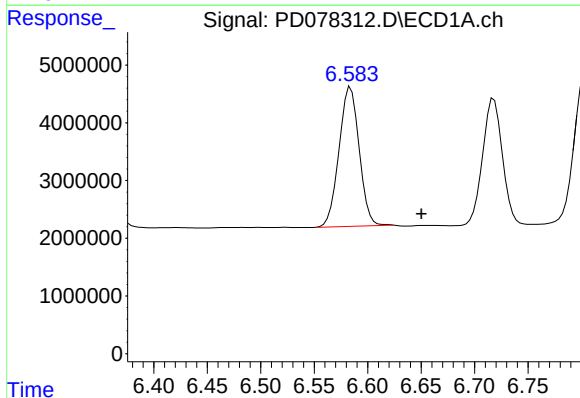
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



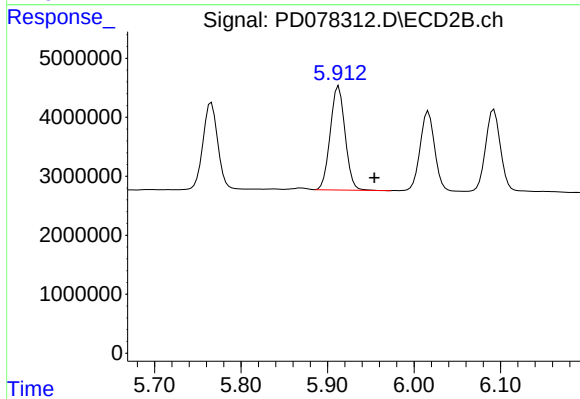
#23 Toxaphene-2

R.T.: 5.618 min  
Delta R.T.: -0.054 min  
Response: 21036559  
Conc: 1744.49 ng/ml



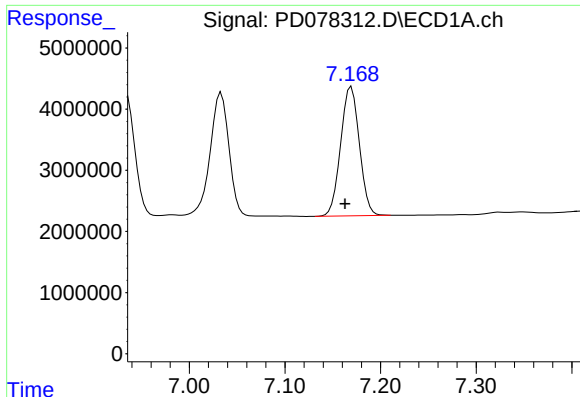
#24 Toxaphene-3

R.T.: 6.584 min  
Delta R.T.: -0.066 min  
Response: 31683145  
Conc: 1372.51 ng/ml



#24 Toxaphene-3

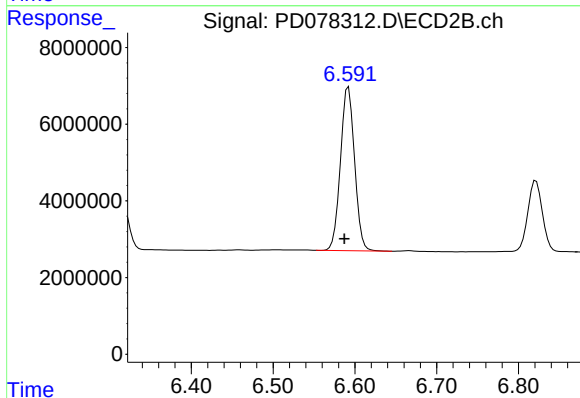
R.T.: 5.913 min  
Delta R.T.: -0.041 min  
Response: 20984533  
Conc: 1538.65 ng/ml



#25 Toxaphene-4

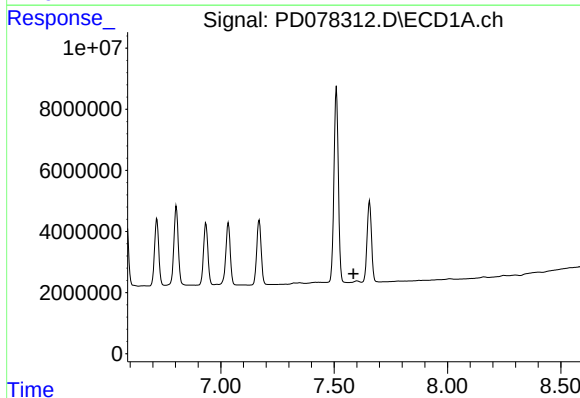
R.T.: 7.169 min  
Delta R.T.: 0.006 min  
Response: 28851942  
Conc: 401.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



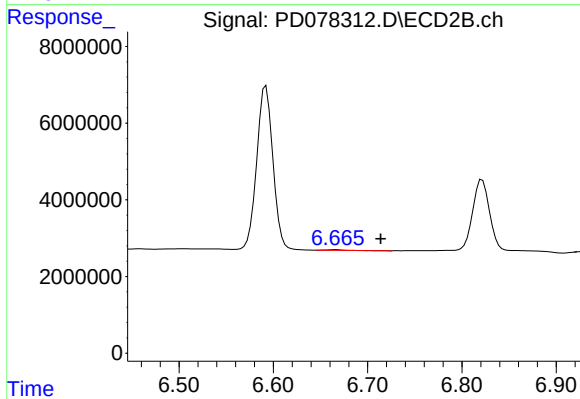
#25 Toxaphene-4

R.T.: 6.592 min  
Delta R.T.: 0.005 min  
Response: 51020235  
Conc: 1322.04 ng/ml



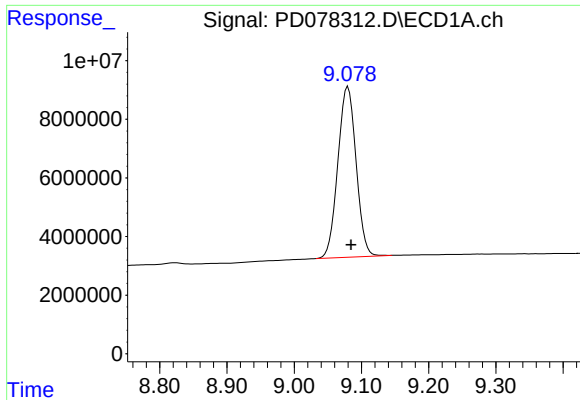
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.586 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

R.T.: 6.666 min  
Delta R.T.: -0.048 min  
Response: 229952  
Conc: 4.14 ng/ml



#27 Decachlorobiphenyl

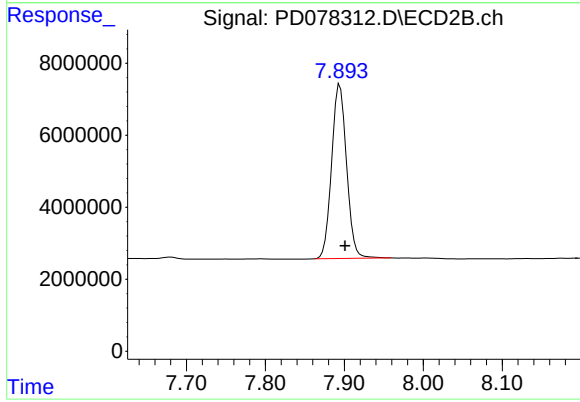
R.T.: 9.080 min

Delta R.T.: -0.005 min

Response: 109332365

Conc: 35.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.894 min

Delta R.T.: -0.007 min

Response: 63688995

Conc: 39.33 ng/ml