

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101223\  
 Data File : PD078818.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2023 09:46  
 Operator : AR\AJ  
 Sample : PB156276BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 22:13:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101123CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 05:55:02 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

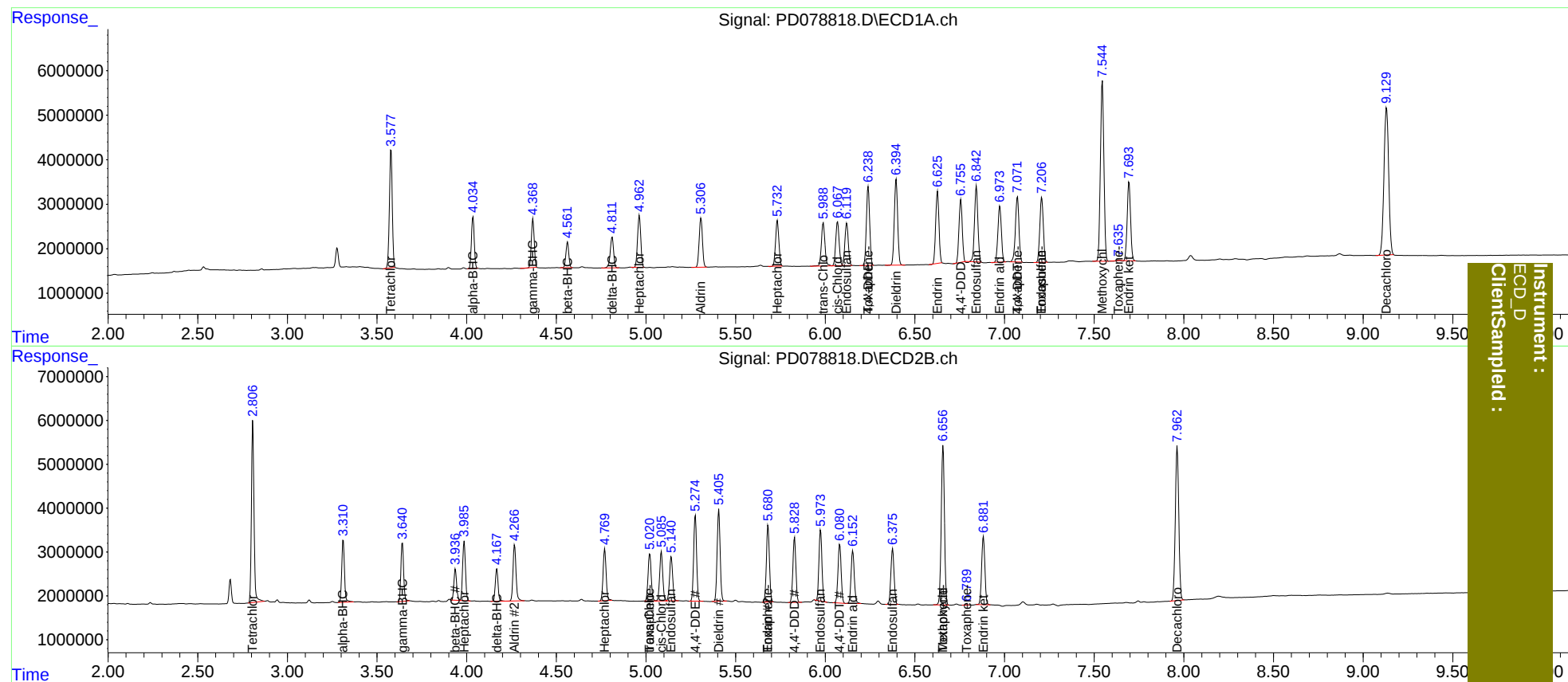
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.578  | 2.807  | 29360265 | 41734562 | 19.384   | 21.387     |
| 27)                         | SA Decachlor... | 9.131  | 7.963  | 60692135 | 47464123 | 35.558   | 35.105     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.035  | 3.312  | 12641376 | 15061600 | 4.813    | 5.364      |
| 3)                          | MA gamma-BHC... | 4.370  | 3.642  | 11912362 | 13988671 | 4.819    | 5.454      |
| 4)                          | MA Heptachlor   | 4.963  | 3.986  | 14361395 | 14854263 | 5.465    | 6.015      |
| 5)                          | MB Aldrin       | 5.307  | 4.268  | 14048853 | 15023773 | 5.599    | 5.892      |
| 6)                          | B beta-BHC      | 4.563  | 3.937  | 6483259  | 7388359  | 5.745    | 5.933      |
| 7)                          | B delta-BHC     | 4.812  | 4.168  | 8991012  | 7997090  | 3.310    | 2.899      |
| 8)                          | B Heptachlo...  | 5.733  | 4.770  | 13012447 | 13857246 | 5.580    | 5.851      |
| 9)                          | A Endosulfan I  | 6.120  | 5.141  | 12580353 | 12191627 | 6.059    | 6.178      |
| 10)                         | B trans-Chl...  | 5.989  | 5.021  | 13254919 | 13125209 | 5.895    | 5.863      |
| 11)                         | B cis-Chlor...  | 6.069  | 5.086  | 13052982 | 13354246 | 5.728    | 5.795      |
| 12)                         | B 4,4'-DDE      | 6.240  | 5.275  | 22583936 | 22337934 | 10.710   | 11.165     |
| 13)                         | MA Dieldrin     | 6.396  | 5.407  | 25045814 | 24352016 | 11.169   | 11.471     |
| 14)                         | MA Endrin       | 6.626  | 5.681  | 20389219 | 20599780 | 11.226   | 11.848     |
| 15)                         | B Endosulfa...  | 6.843  | 5.974  | 21925999 | 18622675 | 11.245   | 11.074     |
| 16)                         | A 4,4'-DDD      | 6.756  | 5.829  | 17766048 | 17198199 | 10.827   | 11.543     |
| 17)                         | MA 4,4'-DDT     | 7.072  | 6.081  | 20165734 | 16457696 | 11.599   | 11.446     |
| 18)                         | B Endrin al...  | 6.974  | 6.154  | 16910247 | 14922811 | 11.632   | 11.959     |
| 19)                         | B Endosulfa...  | 7.208  | 6.376  | 19901603 | 15760021 | 10.451   | 10.243     |
| 20)                         | A Methoxychlor  | 7.546  | 6.657  | 55021934 | 45270967 | 59.411   | 60.272     |
| 21)                         | B Endrin ke...  | 7.695  | 6.882  | 23100220 | 19437706 | 11.252   | 11.012     |
| 22)                         | Toxaphene-1     | 6.240f | 5.021  | 22583936 | 13125209 | 1373.161 | 1128.363   |
| 23)                         | Toxaphene-2     | 0.000  | 5.681f | 0        | 20599780 | N.D.     | 1909.509   |
| 24)                         | Toxaphene-3     | 7.072  | 6.657  | 20165734 | 45270967 | 348.383  | 1399.954 # |
| 25)                         | Toxaphene-4     | 7.208  | 6.792  | 19901603 | 28845    | 457.870  | 0.636 #    |
| -----                       |                 |        |        |          |          |          |            |

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

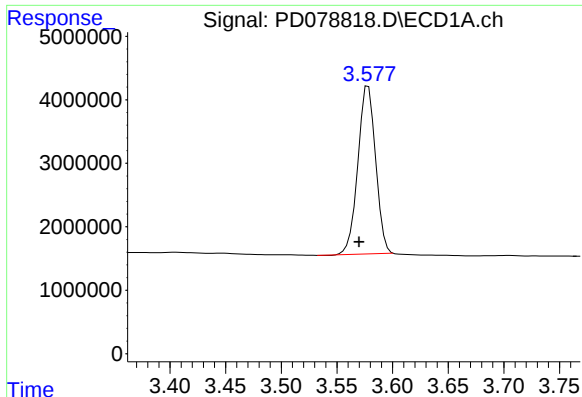
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101223\  
Data File : PD078818.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2023 09:46  
Operator : AR\AJ  
Sample : PB156276BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 22:13:39 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101123CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 11 05:55:02 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



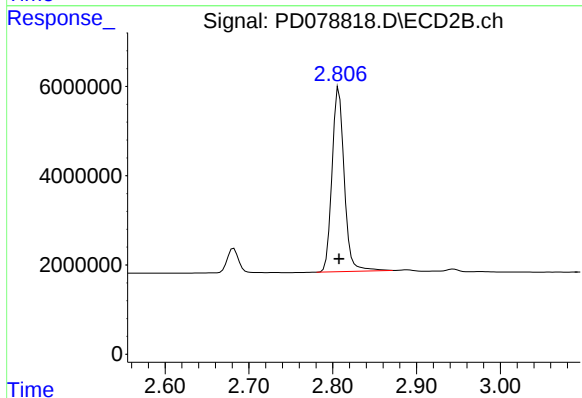
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

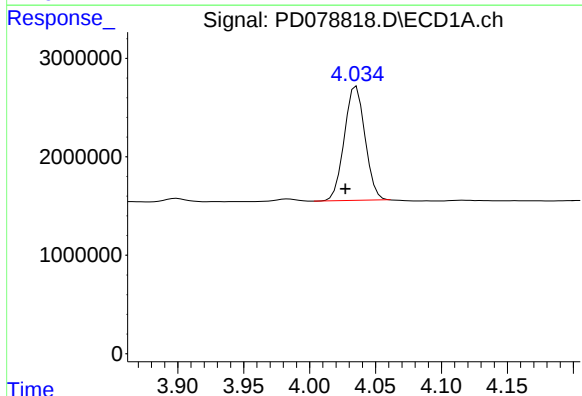
R.T.: 3.578 min  
Delta R.T.: 0.008 min  
Response: 29360265  
Conc: 19.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



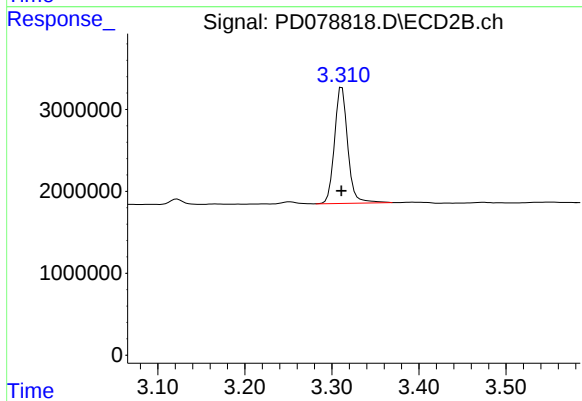
#1 Tetrachloro-m-xylene

R.T.: 2.807 min  
Delta R.T.: 0.000 min  
Response: 41734562  
Conc: 21.39 ng/ml



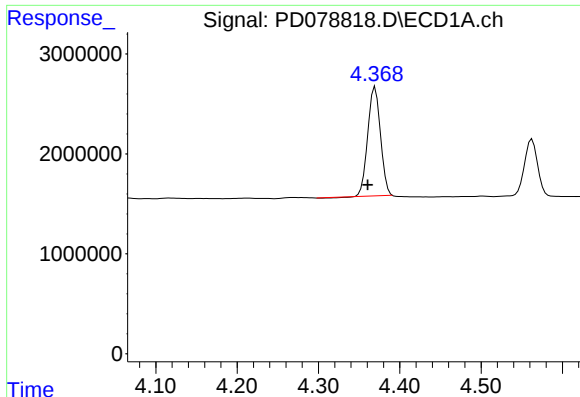
#2 alpha-BHC

R.T.: 4.035 min  
Delta R.T.: 0.008 min  
Response: 12641376  
Conc: 4.81 ng/ml



#2 alpha-BHC

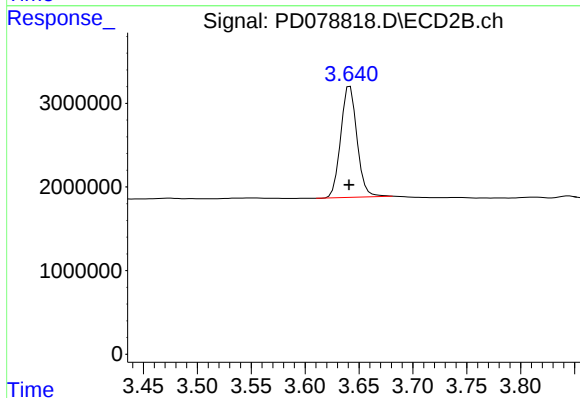
R.T.: 3.312 min  
Delta R.T.: 0.000 min  
Response: 15061600  
Conc: 5.36 ng/ml



#3 gamma-BHC (Lindane)

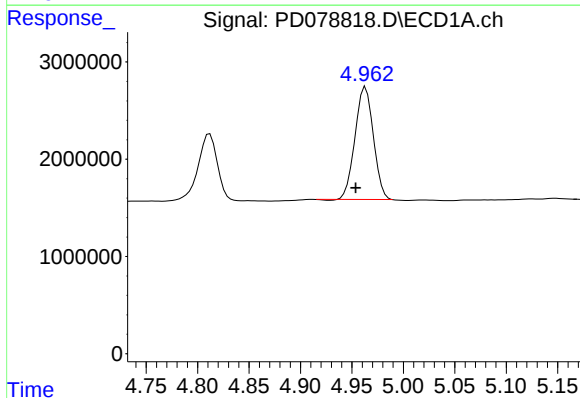
R.T.: 4.370 min  
Delta R.T.: 0.009 min  
Response: 11912362  
Conc: 4.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



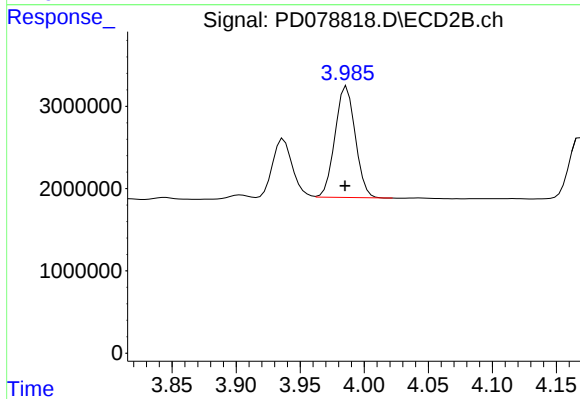
#3 gamma-BHC (Lindane)

R.T.: 3.642 min  
Delta R.T.: 0.000 min  
Response: 13988671  
Conc: 5.45 ng/ml



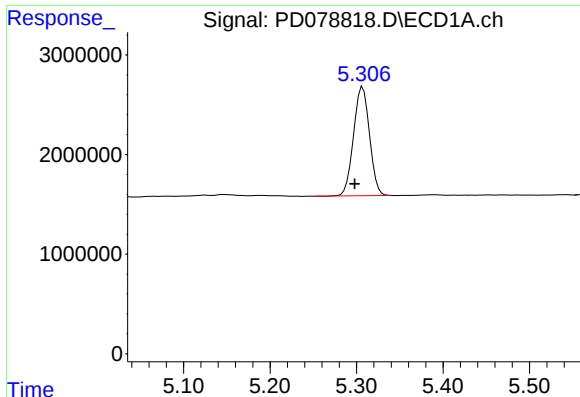
#4 Heptachlor

R.T.: 4.963 min  
Delta R.T.: 0.010 min  
Response: 14361395  
Conc: 5.46 ng/ml



#4 Heptachlor

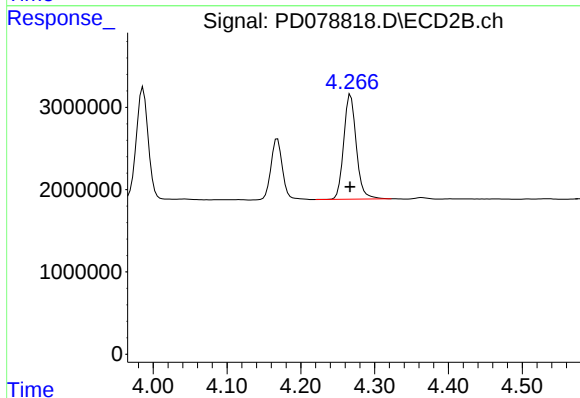
R.T.: 3.986 min  
Delta R.T.: 0.001 min  
Response: 14854263  
Conc: 6.02 ng/ml



#5 Aldrin

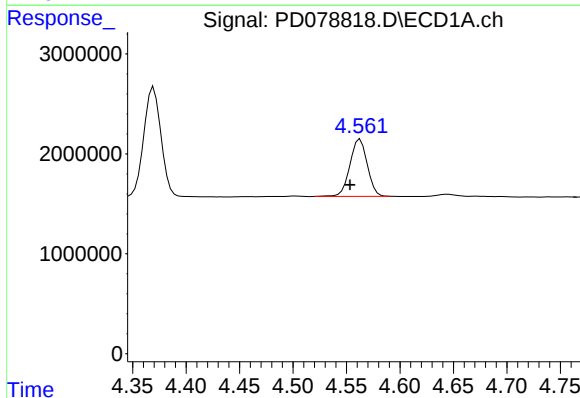
R.T.: 5.307 min  
Delta R.T.: 0.009 min  
Response: 14048853  
Conc: 5.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



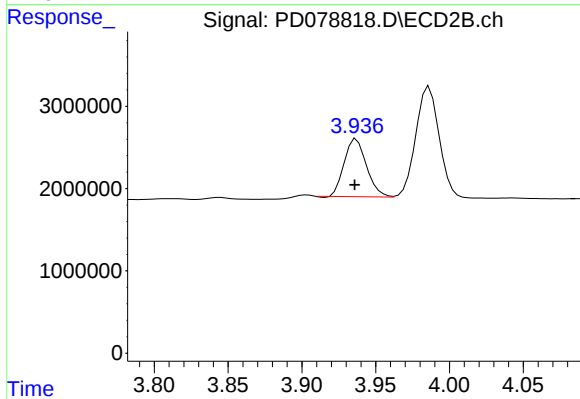
#5 Aldrin

R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 15023773  
Conc: 5.89 ng/ml



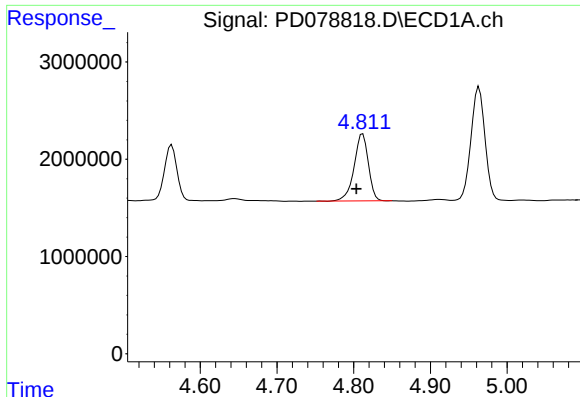
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.009 min  
Response: 6483259  
Conc: 5.75 ng/ml



#6 beta-BHC

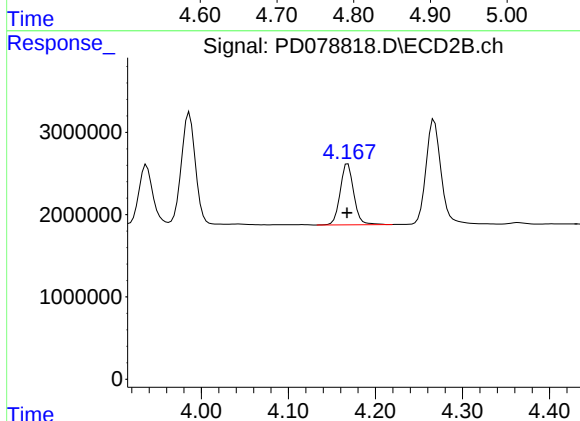
R.T.: 3.937 min  
Delta R.T.: 0.001 min  
Response: 7388359  
Conc: 5.93 ng/ml



#7 delta-BHC

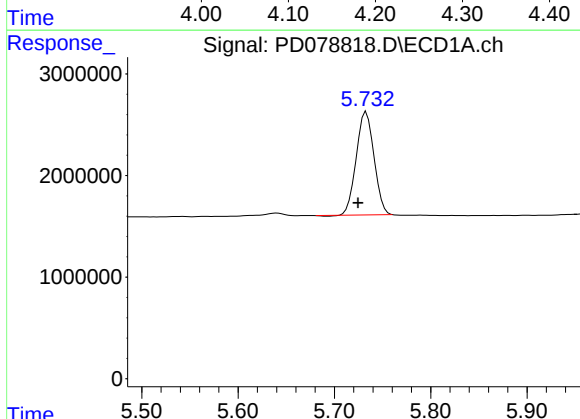
R.T.: 4.812 min  
Delta R.T.: 0.008 min  
Response: 8991012  
Conc: 3.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



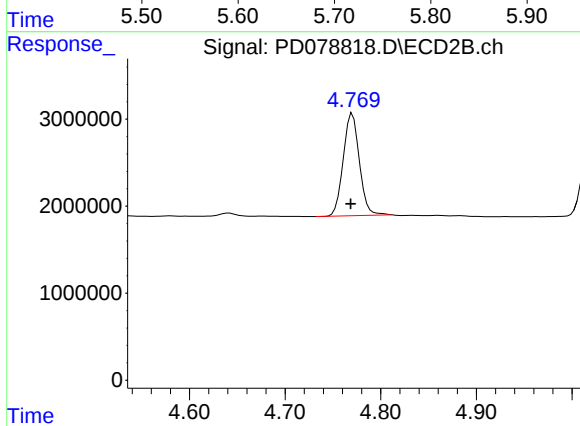
#7 delta-BHC

R.T.: 4.168 min  
Delta R.T.: 0.001 min  
Response: 7997090  
Conc: 2.90 ng/ml



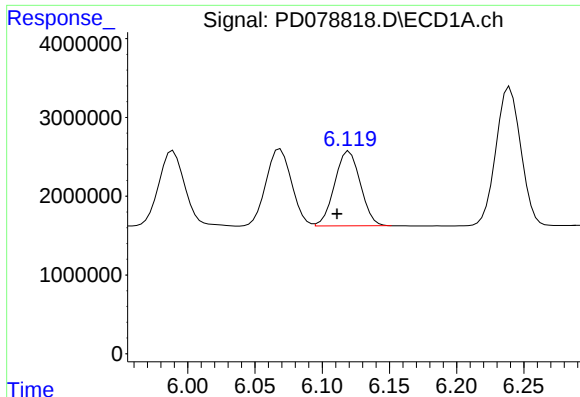
#8 Heptachlor epoxide

R.T.: 5.733 min  
Delta R.T.: 0.009 min  
Response: 13012447  
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

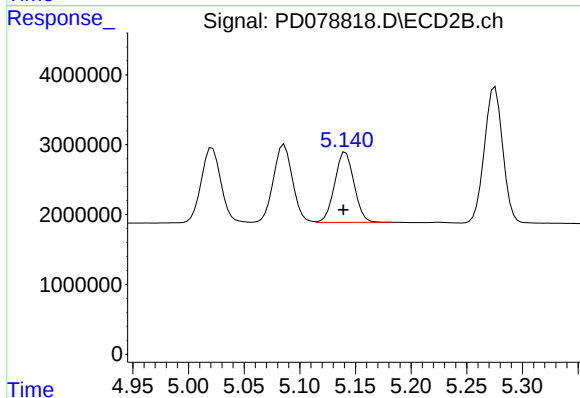
R.T.: 4.770 min  
Delta R.T.: 0.002 min  
Response: 13857246  
Conc: 5.85 ng/ml



#9 Endosulfan I

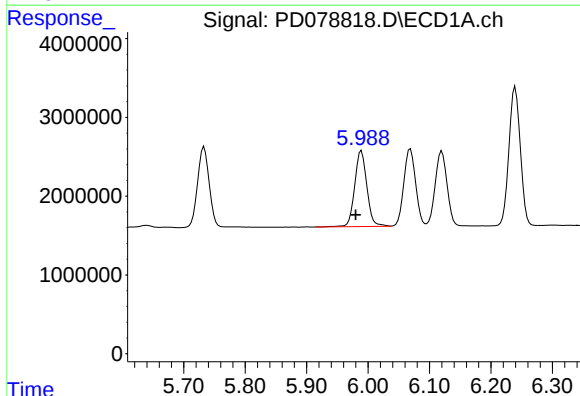
R.T.: 6.120 min  
Delta R.T.: 0.009 min  
Response: 12580353  
Conc: 6.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



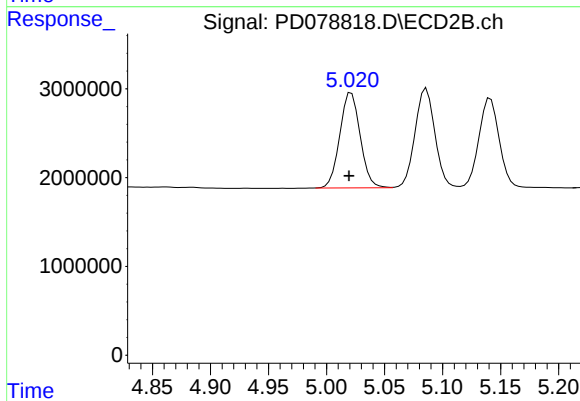
#9 Endosulfan I

R.T.: 5.141 min  
Delta R.T.: 0.002 min  
Response: 12191627  
Conc: 6.18 ng/ml



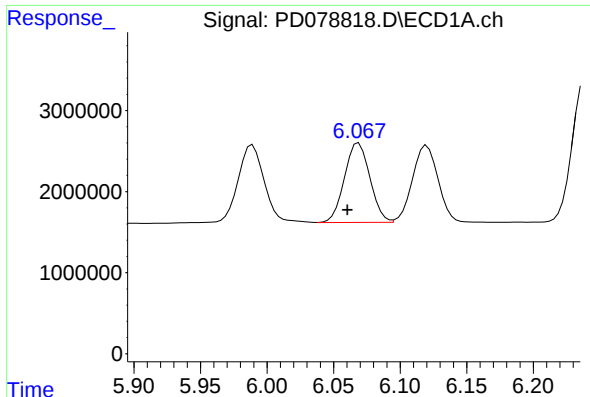
#10 trans-Chlordane

R.T.: 5.989 min  
Delta R.T.: 0.009 min  
Response: 13254919  
Conc: 5.89 ng/ml



#10 trans-Chlordane

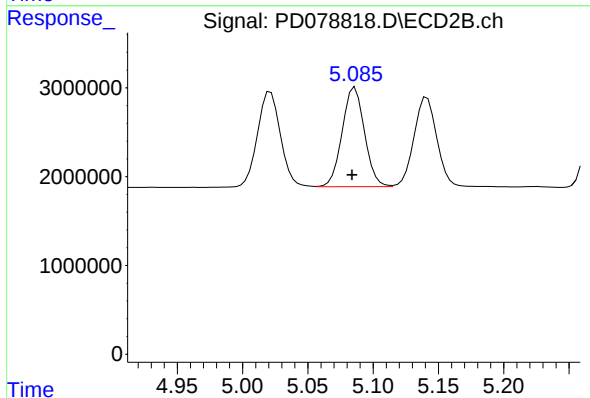
R.T.: 5.021 min  
Delta R.T.: 0.002 min  
Response: 13125209  
Conc: 5.86 ng/ml



#11 cis-Chlordane

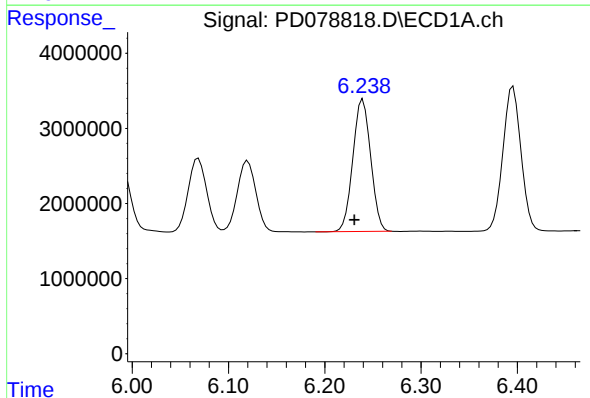
R.T.: 6.069 min  
Delta R.T.: 0.009 min  
Response: 13052982  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



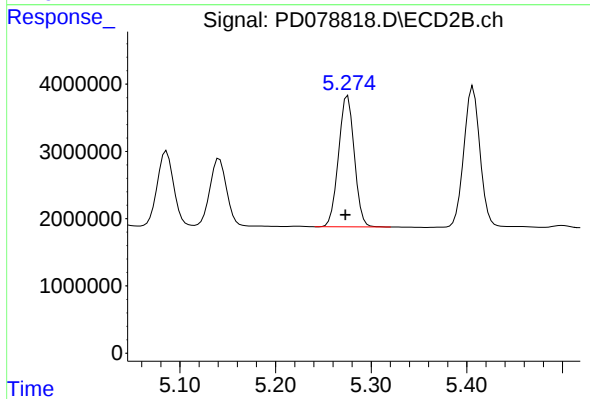
#11 cis-Chlordane

R.T.: 5.086 min  
Delta R.T.: 0.002 min  
Response: 13354246  
Conc: 5.79 ng/ml



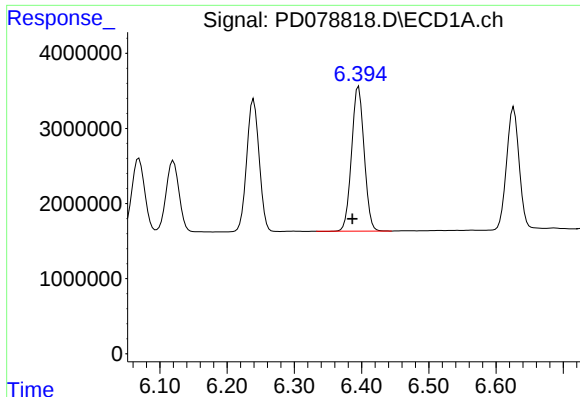
#12 4,4'-DDE

R.T.: 6.240 min  
Delta R.T.: 0.009 min  
Response: 22583936  
Conc: 10.71 ng/ml



#12 4,4'-DDE

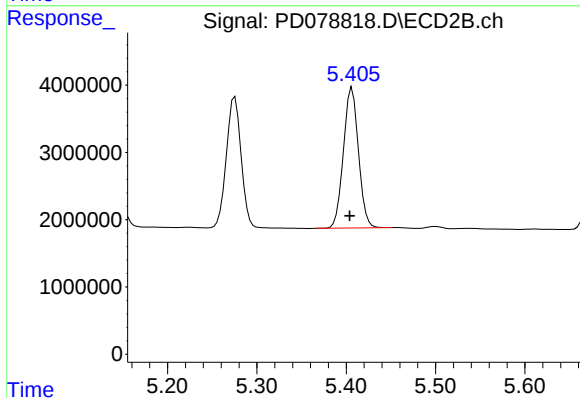
R.T.: 5.275 min  
Delta R.T.: 0.002 min  
Response: 22337934  
Conc: 11.16 ng/ml



#13 Dieldrin

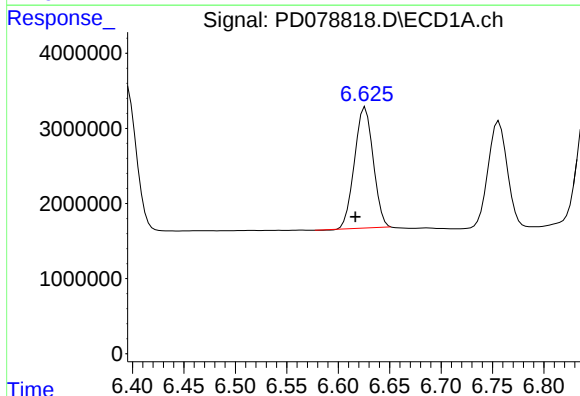
R.T.: 6.396 min  
Delta R.T.: 0.009 min  
Response: 25045814  
Conc: 11.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



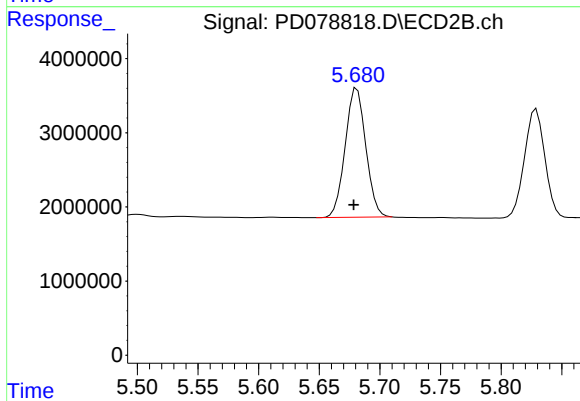
#13 Dieldrin

R.T.: 5.407 min  
Delta R.T.: 0.003 min  
Response: 24352016  
Conc: 11.47 ng/ml



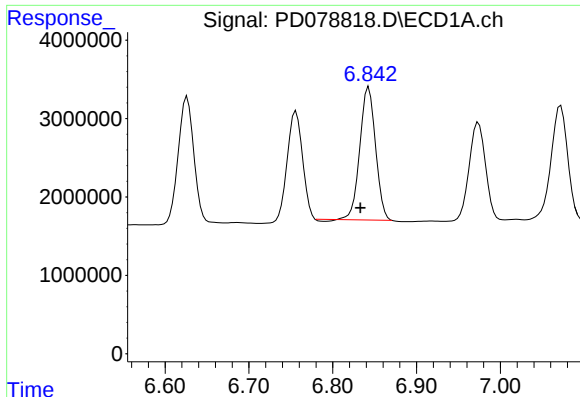
#14 Endrin

R.T.: 6.626 min  
Delta R.T.: 0.010 min  
Response: 20389219  
Conc: 11.23 ng/ml



#14 Endrin

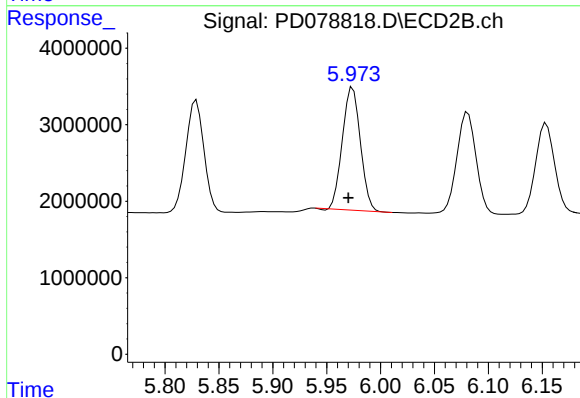
R.T.: 5.681 min  
Delta R.T.: 0.003 min  
Response: 20599780  
Conc: 11.85 ng/ml



#15 Endosulfan II

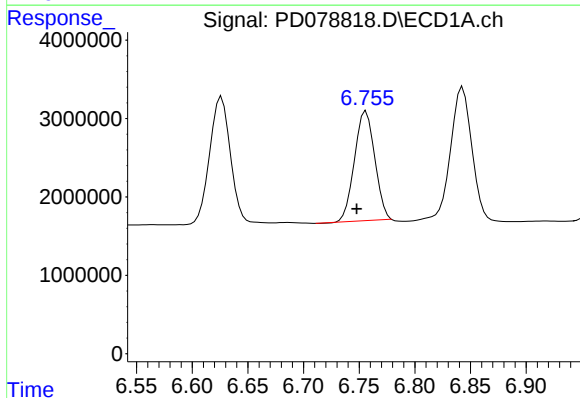
R.T.: 6.843 min  
Delta R.T.: 0.010 min  
Response: 21925999  
Conc: 11.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



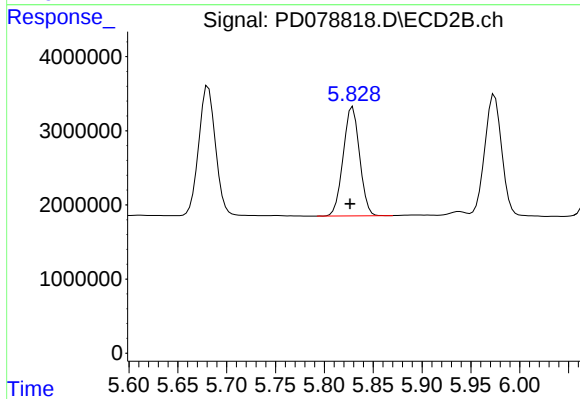
#15 Endosulfan II

R.T.: 5.974 min  
Delta R.T.: 0.004 min  
Response: 18622675  
Conc: 11.07 ng/ml



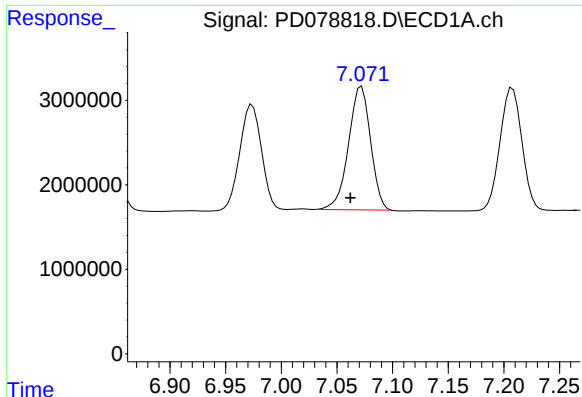
#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: 0.009 min  
Response: 17766048  
Conc: 10.83 ng/ml



#16 4,4'-DDD

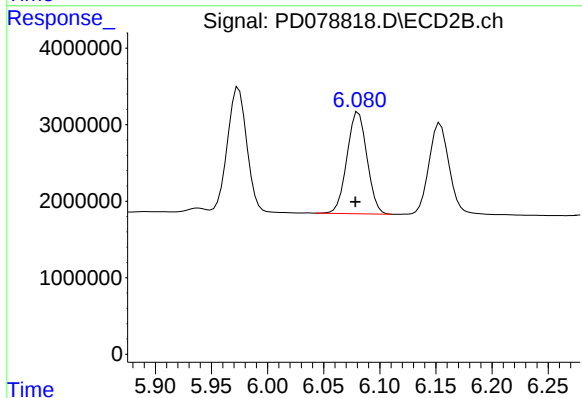
R.T.: 5.829 min  
Delta R.T.: 0.003 min  
Response: 17198199  
Conc: 11.54 ng/ml



#17 4,4'-DDT

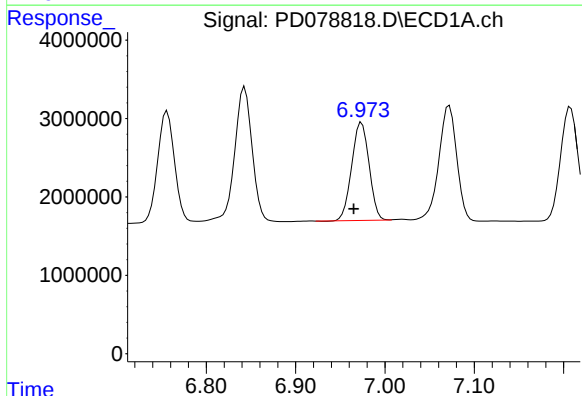
R.T.: 7.072 min  
Delta R.T.: 0.010 min  
Response: 20165734  
Conc: 11.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



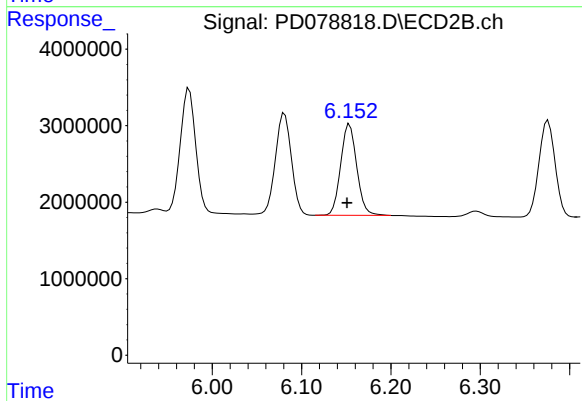
#17 4,4'-DDT

R.T.: 6.081 min  
Delta R.T.: 0.003 min  
Response: 16457696  
Conc: 11.45 ng/ml



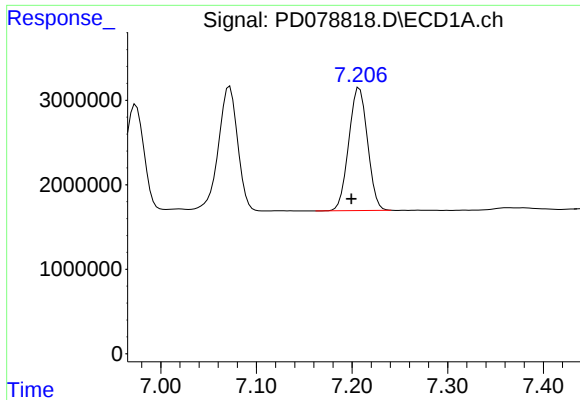
#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: 0.009 min  
Response: 16910247  
Conc: 11.63 ng/ml



#18 Endrin aldehyde

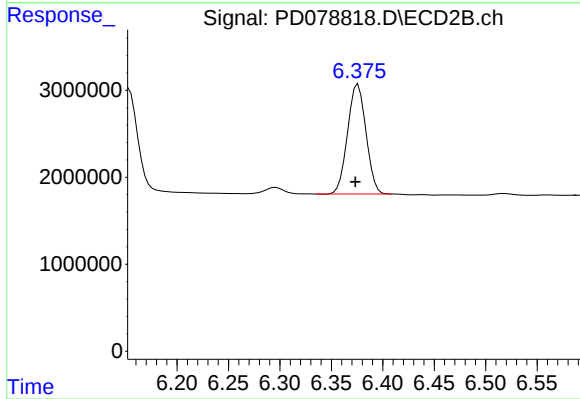
R.T.: 6.154 min  
Delta R.T.: 0.003 min  
Response: 14922811  
Conc: 11.96 ng/ml



#19 Endosulfan Sulfate

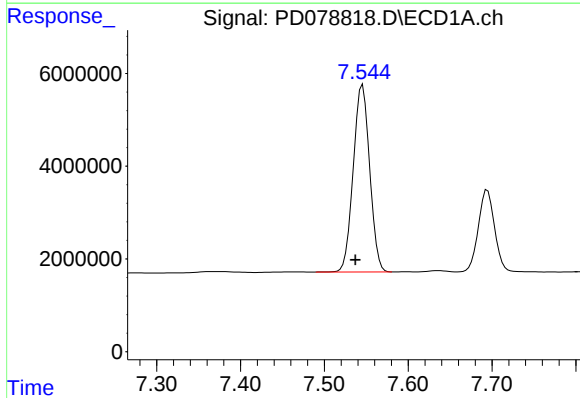
R.T.: 7.208 min  
Delta R.T.: 0.009 min  
Response: 19901603  
Conc: 10.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



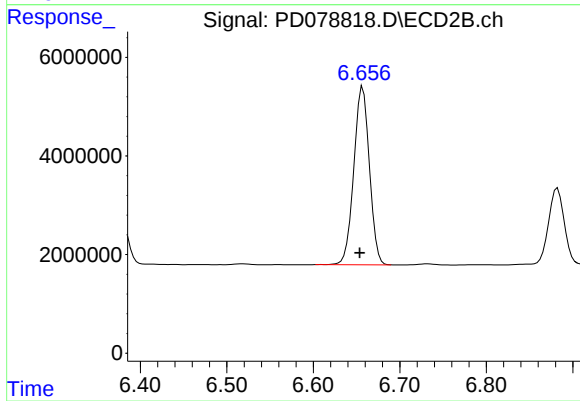
#19 Endosulfan Sulfate

R.T.: 6.376 min  
Delta R.T.: 0.003 min  
Response: 15760021  
Conc: 10.24 ng/ml



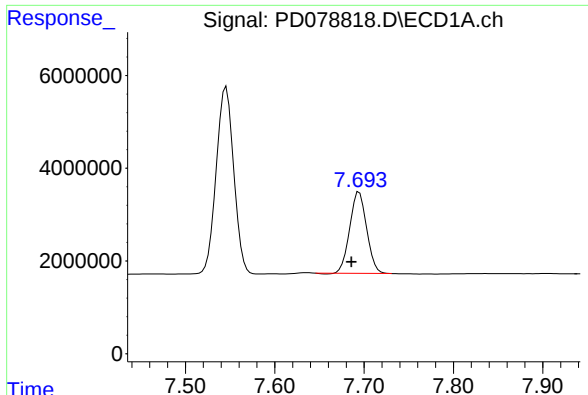
#20 Methoxychlor

R.T.: 7.546 min  
Delta R.T.: 0.009 min  
Response: 55021934  
Conc: 59.41 ng/ml



#20 Methoxychlor

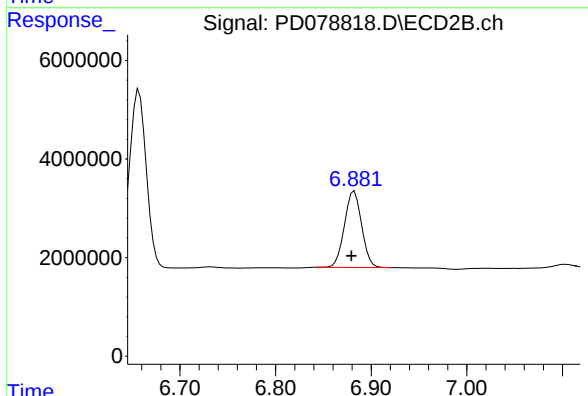
R.T.: 6.657 min  
Delta R.T.: 0.003 min  
Response: 45270967  
Conc: 60.27 ng/ml



#21 Endrin ketone

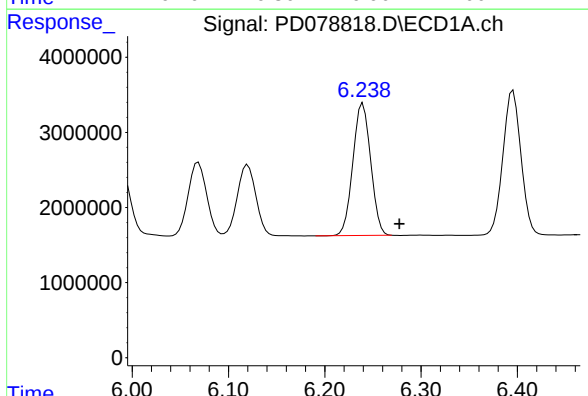
R.T.: 7.695 min  
Delta R.T.: 0.009 min  
Response: 23100220  
Conc: 11.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



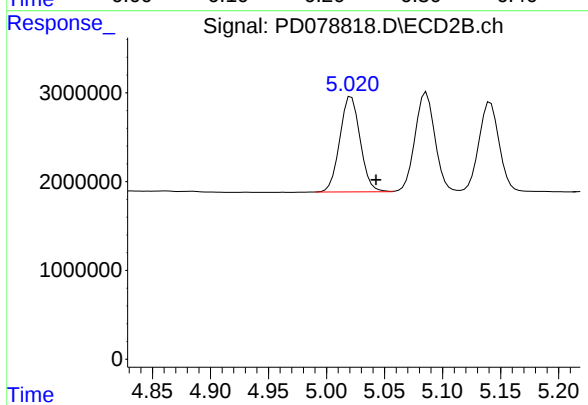
#21 Endrin ketone

R.T.: 6.882 min  
Delta R.T.: 0.003 min  
Response: 19437706  
Conc: 11.01 ng/ml



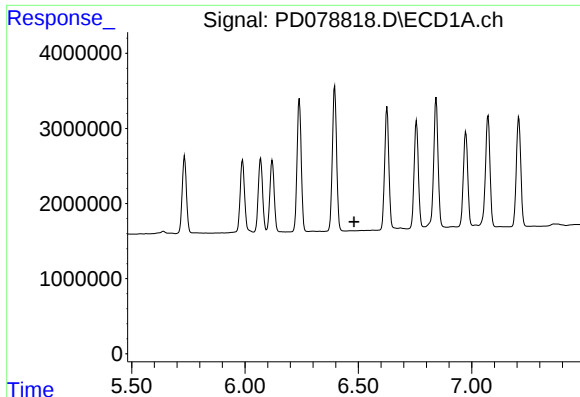
#22 Toxaphene-1

R.T.: 6.240 min  
Delta R.T.: -0.038 min  
Response: 22583936  
Conc: 1373.16 ng/ml



#22 Toxaphene-1

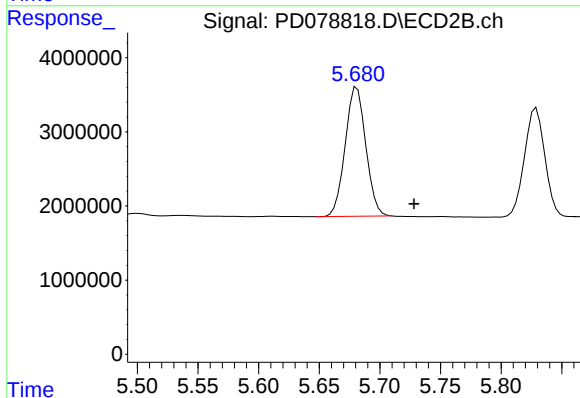
R.T.: 5.021 min  
Delta R.T.: -0.021 min  
Response: 13125209  
Conc: 1128.36 ng/ml



#23 Toxaphene-2

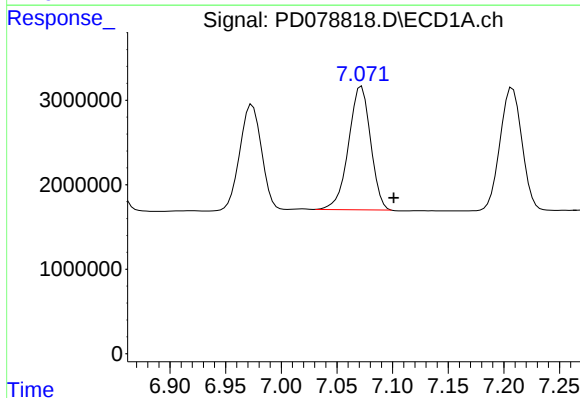
R.T.: 0.000 min  
Exp R.T.: 6.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



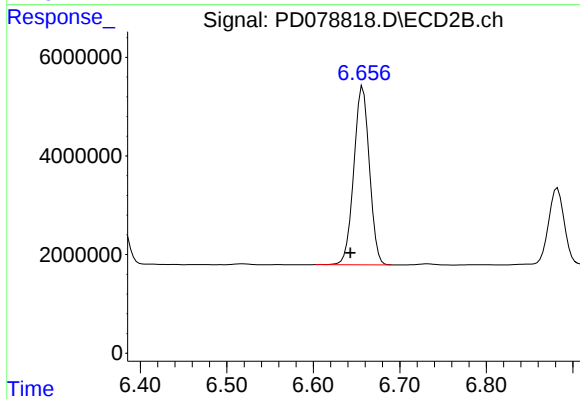
#23 Toxaphene-2

R.T.: 5.681 min  
Delta R.T.: -0.047 min  
Response: 20599780  
Conc: 1909.51 ng/ml



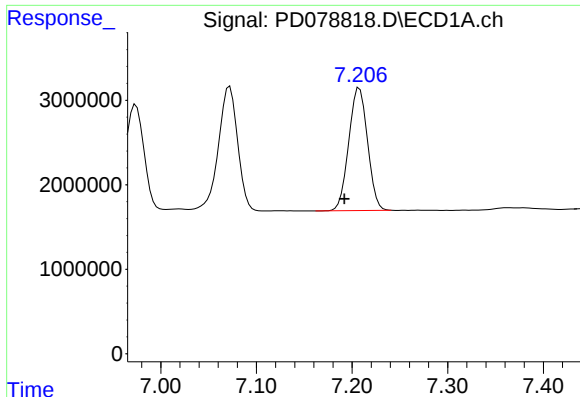
#24 Toxaphene-3

R.T.: 7.072 min  
Delta R.T.: -0.029 min  
Response: 20165734  
Conc: 348.38 ng/ml



#24 Toxaphene-3

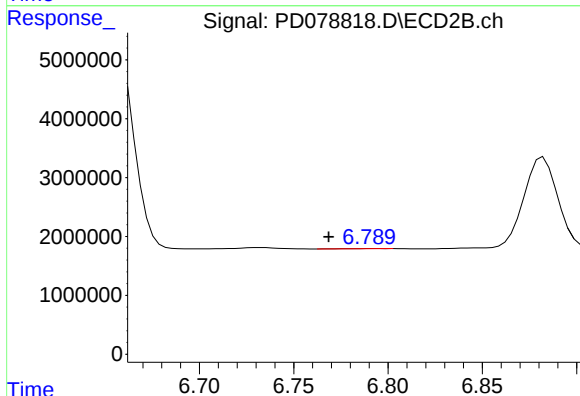
R.T.: 6.657 min  
Delta R.T.: 0.014 min  
Response: 45270967  
Conc: 1399.95 ng/ml



#25 Toxaphene-4

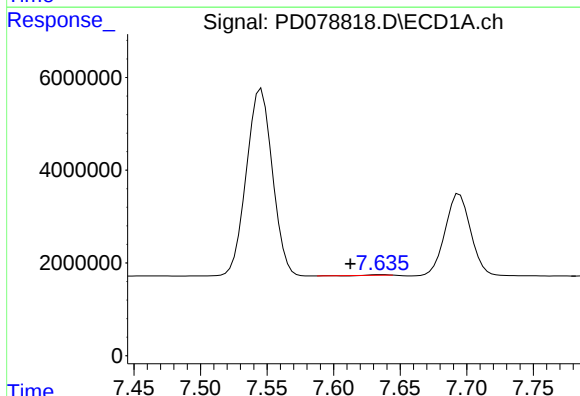
R.T.: 7.208 min  
Delta R.T.: 0.016 min  
Response: 19901603  
Conc: 457.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



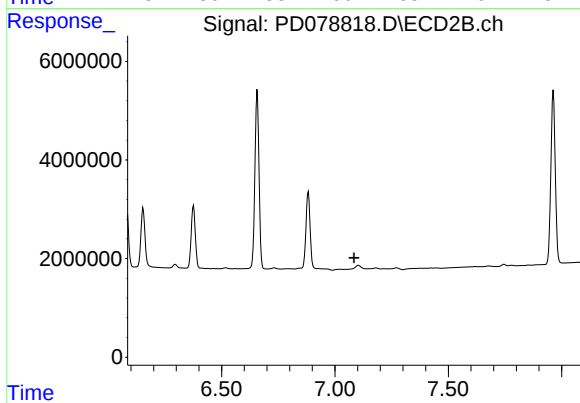
#25 Toxaphene-4

R.T.: 6.792 min  
Delta R.T.: 0.023 min  
Response: 28845  
Conc: 0.64 ng/ml



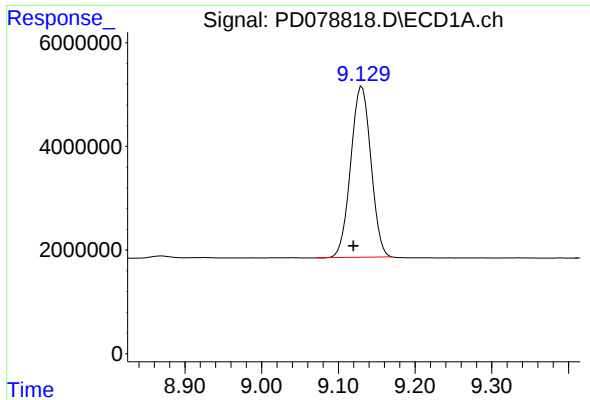
#26 Toxaphene-5

R.T.: 7.636 min  
Delta R.T.: 0.023 min  
Response: 82672  
Conc: 2.50 ng/ml



#26 Toxaphene-5

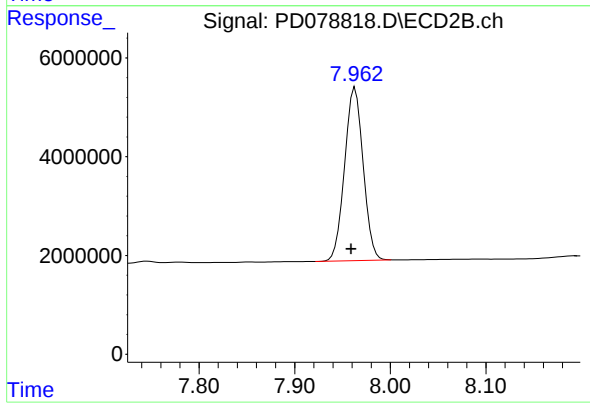
R.T.: 7.022 min  
Delta R.T.: -0.062 min  
Response: -263539  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.131 min  
Delta R.T.: 0.011 min  
Response: 60692135  
Conc: 35.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.963 min  
Delta R.T.: 0.004 min  
Response: 47464123  
Conc: 35.11 ng/ml