

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101323\  
 Data File : PD078828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2023 16:54  
 Operator : AR\AJ  
 Sample : PEM003  
 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 11 22:16:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100923CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 01:02:10 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

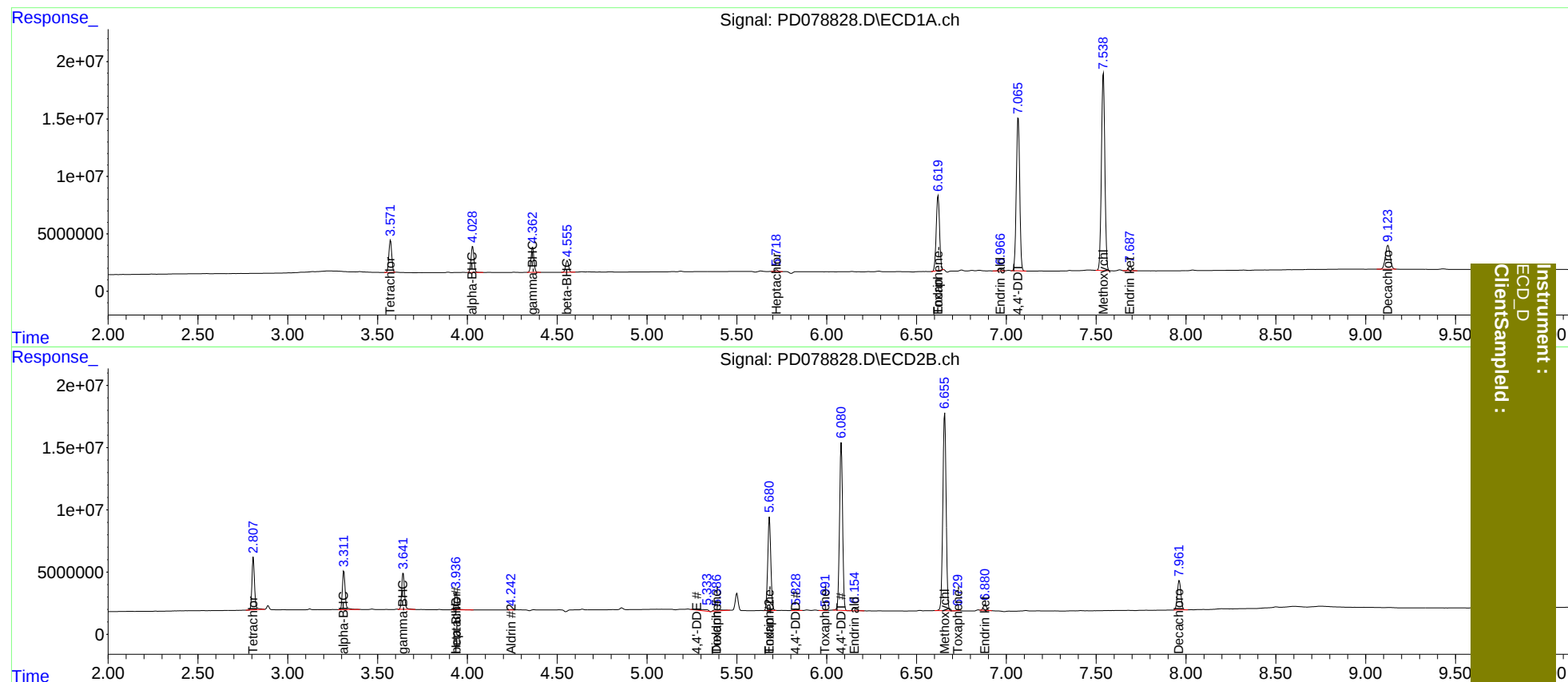
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.572  | 2.809  | 30800751 | 42670623 | 19.722   | 21.187   |
| 27)                         | SA Decachlor... | 9.124  | 7.963  | 37935379 | 32471845 | 20.665   | 22.330   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 4.029  | 3.312  | 25759348 | 33005429 | 9.823    | 11.050   |
| 3)                          | MA gamma-BHC... | 4.363  | 3.643  | 24729500 | 31013326 | 9.891    | 11.448   |
| 4)                          | MA Heptachlor   | 0.000  | 3.937f | 0        | 15511190 | N.D.     | 6.237    |
| 5)                          | MB Aldrin       | 0.000  | 4.244  | 0        | 318504   | N.D.     | 0.129    |
| 6)                          | B beta-BHC      | 4.556  | 3.937  | 11566514 | 15511190 | 9.970    | 12.461   |
| 8)                          | B Heptachlo...  | 5.720  | 0.000  | 1816284  | 0        | 0.771    | N.D. #   |
| 10)                         | B trans-Chl...  | 0.000  | 5.054  | 0        | 107668   | N.D.     | <MDL     |
| 11)                         | B cis-Chlor...  | 0.000  | 5.054  | 0        | 107668   | N.D.     | <MDL     |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.279  | 0        | 4785722  | N.D.     | 2.389    |
| 13)                         | MA Dieldrin     | 0.000  | 5.388  | 0        | 3281569  | N.D.     | 1.515    |
| 14)                         | MA Endrin       | 6.620  | 5.682  | 84488867 | 89480147 | 46.230   | 49.955   |
| 15)                         | B Endosulfa...  | 0.000  | 5.992  | 0        | 62985    | N.D.     | <MDL     |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.829  | 0        | 1537496  | N.D.     | 0.986    |
| 17)                         | MA 4,4'-DDT     | 7.066  | 6.081  | 176.0E6  | 159.6E6  | 99.302   | 108.559  |
| 18)                         | B Endrin al...  | 6.967  | 6.155  | 2197194  | 3819625  | 1.444    | 2.804 #  |
| 20)                         | A Methoxychlor  | 7.540  | 6.657  | 229.5E6  | 203.5E6  | 244.399  | 260.200  |
| 21)                         | B Endrin ke...  | 7.689  | 6.882  | 4784219  | 5697753  | 2.310    | 3.142 #  |
| 22)                         | Toxaphene-1     | 0.000  | 5.388  | 0        | 3281569  | N.D.     | 291.081  |
| 23)                         | Toxaphene-2     | 0.000  | 5.682f | 0        | 89480147 | N.D.     | 8521.340 |
| 24)                         | Toxaphene-3     | 6.620f | 5.992  | 84488867 | 62985    | 6033.292 | 4.982 #  |
| 25)                         | Toxaphene-4     | 0.000  | 6.730f | 0        | 406770   | N.D.     | 9.416    |
| -----                       |                 |        |        |          |          |          |          |

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

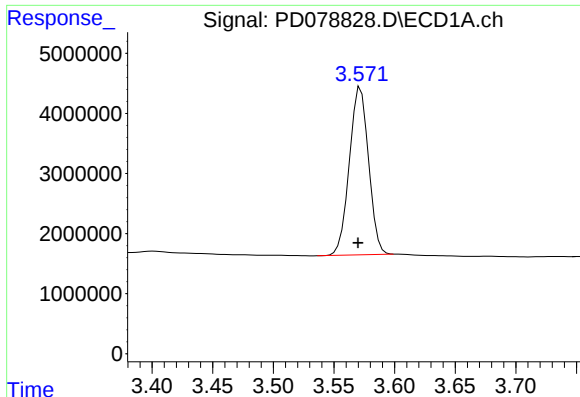
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101323\  
Data File : PD078828.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 11 Oct 2023  16:54  
Operator  : AR\AJ  
Sample    : PEM003  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
```

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 22:16:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100923CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 11 01:02:10 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



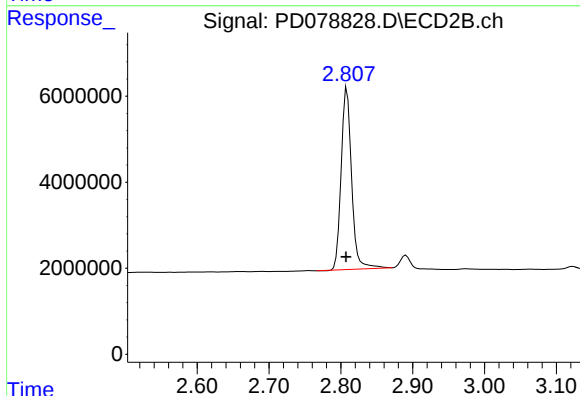
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

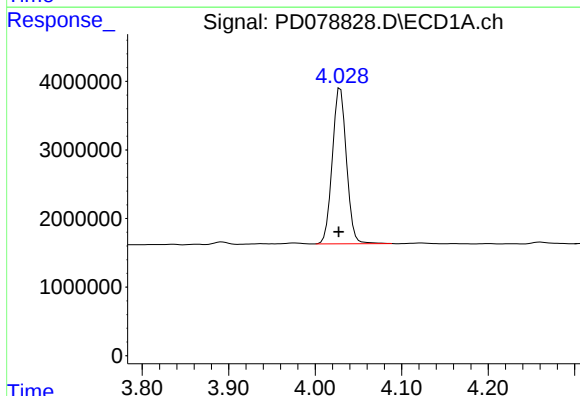
R.T.: 3.572 min  
Delta R.T.: 0.002 min  
Response: 30800751  
Conc: 19.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



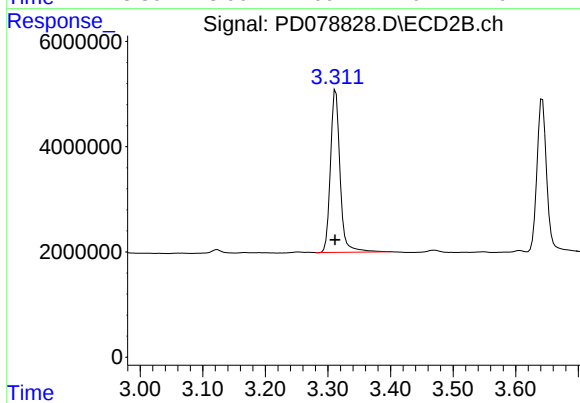
#1 Tetrachloro-m-xylene

R.T.: 2.809 min  
Delta R.T.: 0.001 min  
Response: 42670623  
Conc: 21.19 ng/ml



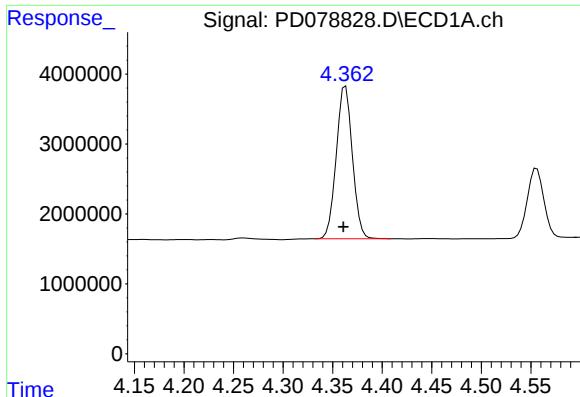
#2 alpha-BHC

R.T.: 4.029 min  
Delta R.T.: 0.002 min  
Response: 25759348  
Conc: 9.82 ng/ml



#2 alpha-BHC

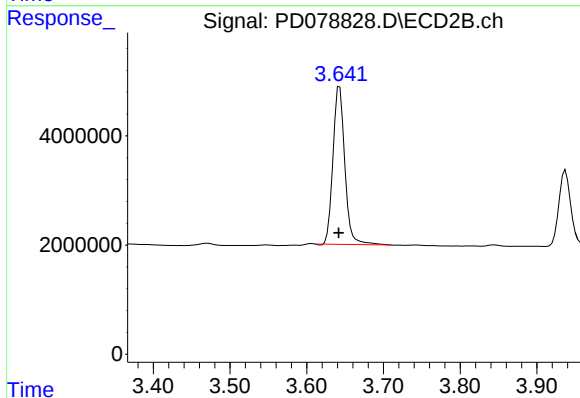
R.T.: 3.312 min  
Delta R.T.: 0.001 min  
Response: 33005429  
Conc: 11.05 ng/ml



#3 gamma-BHC (Lindane)

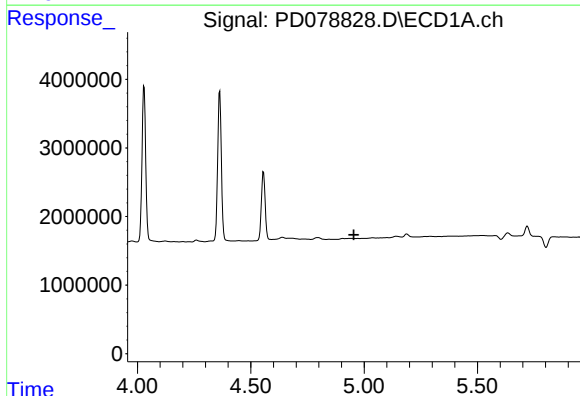
R.T.: 4.363 min  
Delta R.T.: 0.002 min  
Response: 24729500  
Conc: 9.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



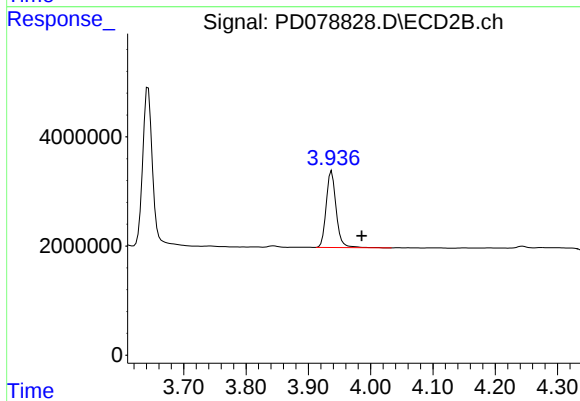
#3 gamma-BHC (Lindane)

R.T.: 3.643 min  
Delta R.T.: 0.001 min  
Response: 31013326  
Conc: 11.45 ng/ml



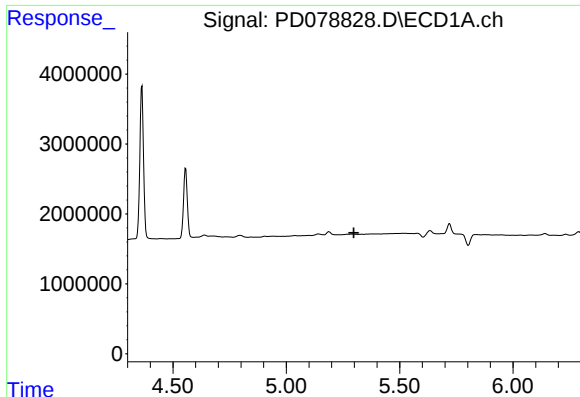
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.954 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

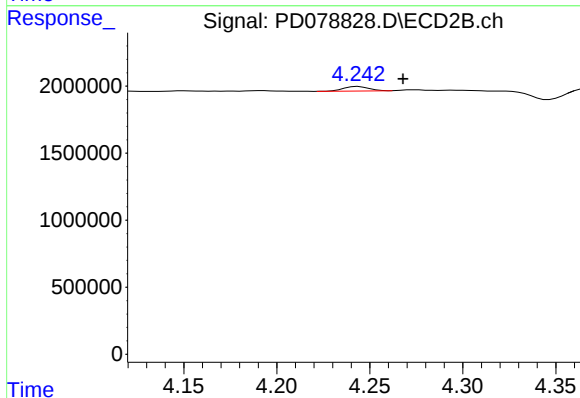
R.T.: 3.937 min  
Delta R.T.: -0.049 min  
Response: 15511190  
Conc: 6.24 ng/ml



#5 Aldrin

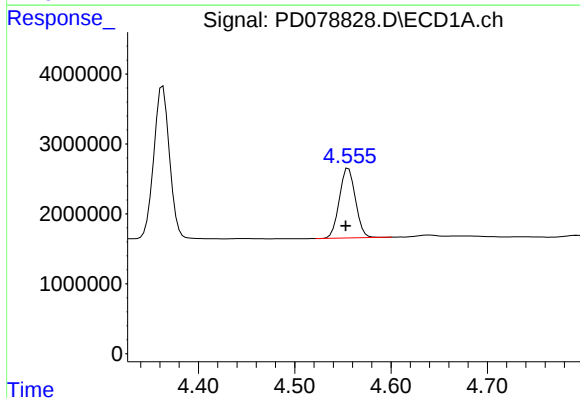
R.T.: 0.000 min  
Exp R.T.: 5.298 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



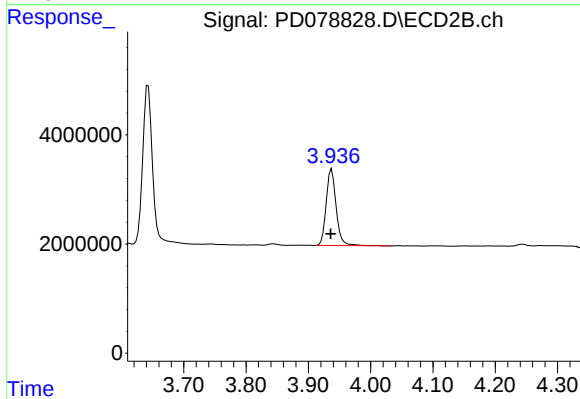
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: -0.024 min  
Response: 318504  
Conc: 0.13 ng/ml



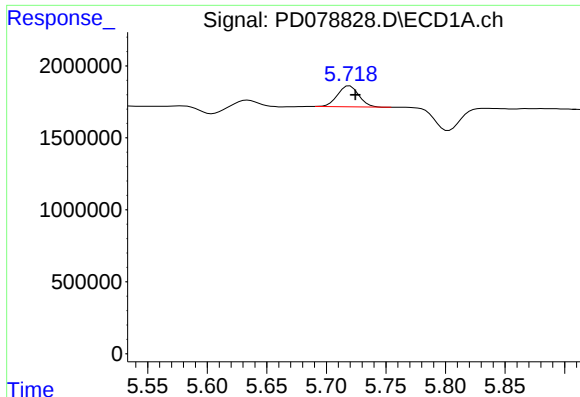
#6 beta-BHC

R.T.: 4.556 min  
Delta R.T.: 0.003 min  
Response: 11566514  
Conc: 9.97 ng/ml



#6 beta-BHC

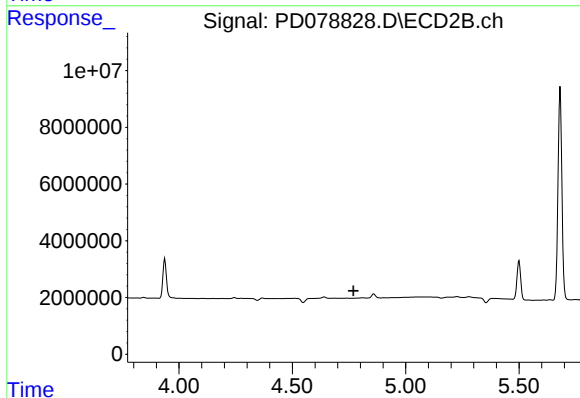
R.T.: 3.937 min  
Delta R.T.: 0.001 min  
Response: 15511190  
Conc: 12.46 ng/ml



#8 Heptachlor epoxide

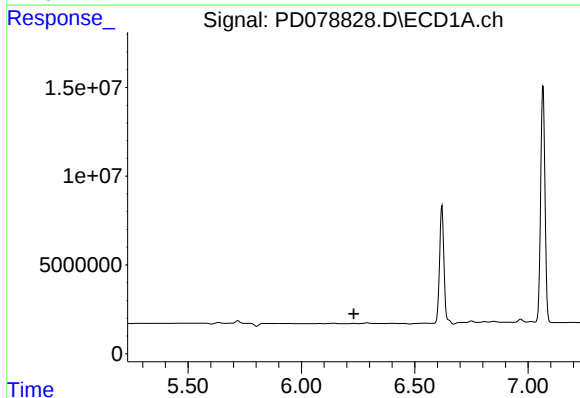
R.T.: 5.720 min  
Delta R.T.: -0.005 min  
Response: 1816284  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



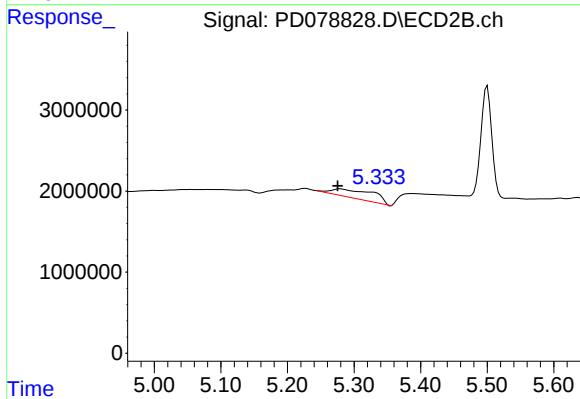
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.770 min  
Response: 0  
Conc: N.D.



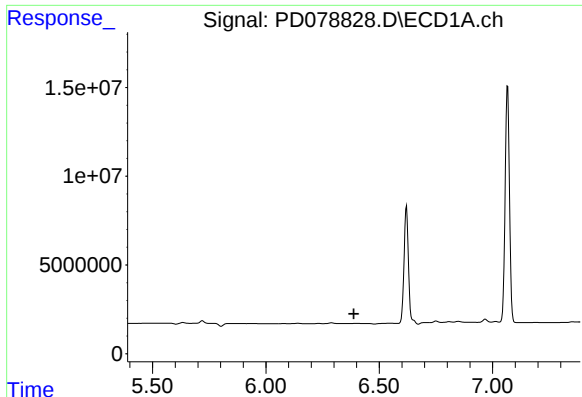
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.231 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

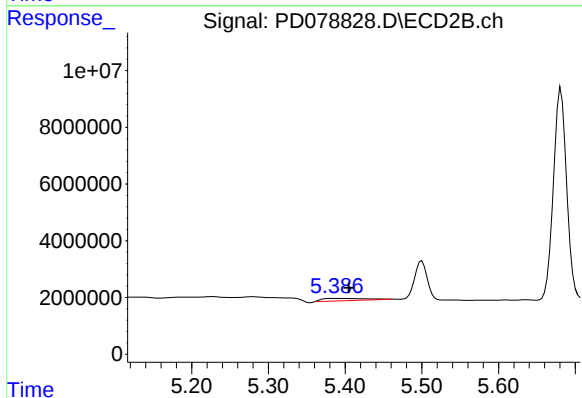
R.T.: 5.279 min  
Delta R.T.: 0.003 min  
Response: 4785722  
Conc: 2.39 ng/ml



#13 Dieldrin

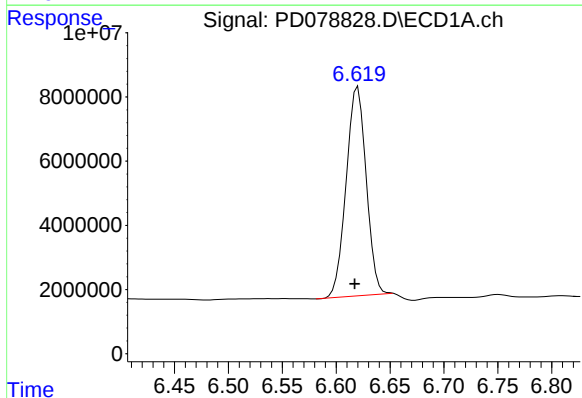
R.T.: 0.000 min  
Exp R.T.: 6.387 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



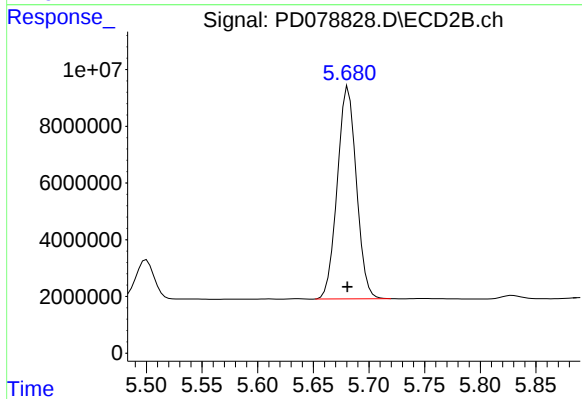
#13 Dieldrin

R.T.: 5.388 min  
Delta R.T.: -0.017 min  
Response: 3281569  
Conc: 1.51 ng/ml



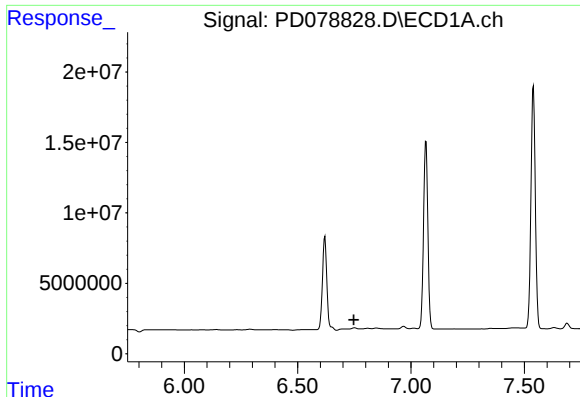
#14 Endrin

R.T.: 6.620 min  
Delta R.T.: 0.003 min  
Response: 84488867  
Conc: 46.23 ng/ml



#14 Endrin

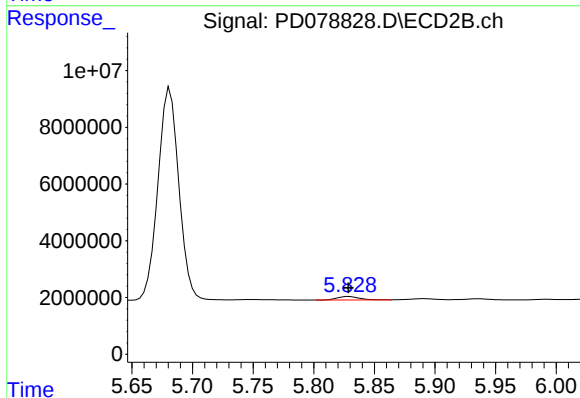
R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 89480147  
Conc: 49.96 ng/ml



#16 4,4'-DDD

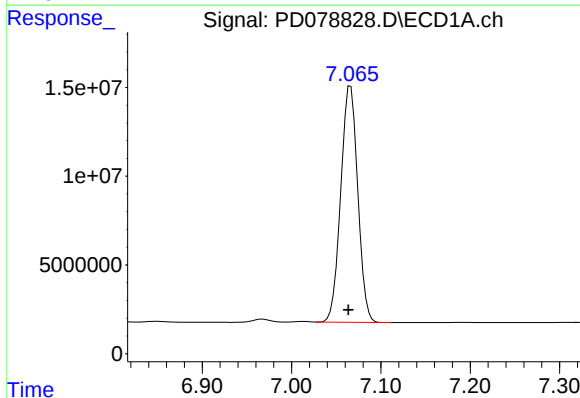
R.T.: 0.000 min  
Exp R.T.: 6.748 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



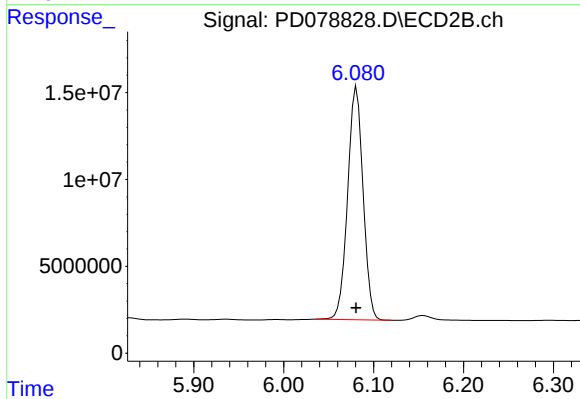
#16 4,4'-DDD

R.T.: 5.829 min  
Delta R.T.: 0.000 min  
Response: 1537496  
Conc: 0.99 ng/ml



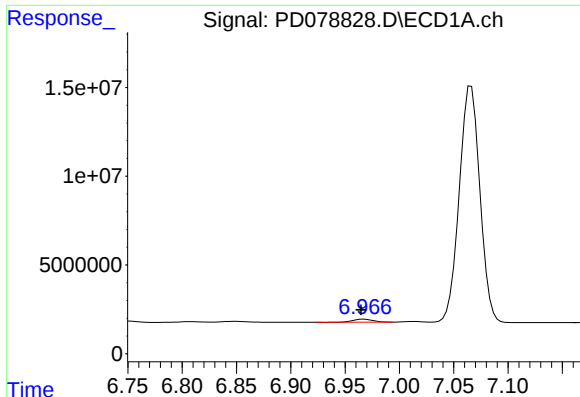
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.003 min  
Response: 175975654  
Conc: 99.30 ng/ml



#17 4,4'-DDT

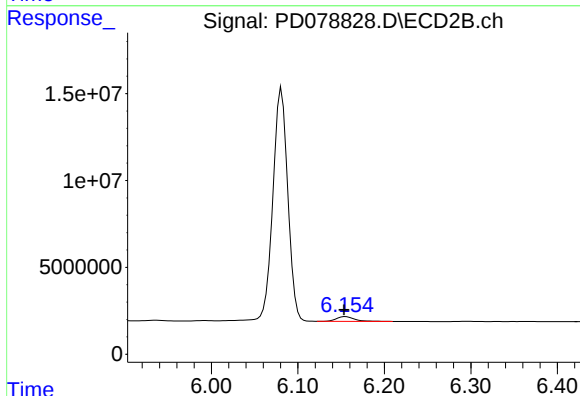
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 159610620  
Conc: 108.56 ng/ml



#18 Endrin aldehyde

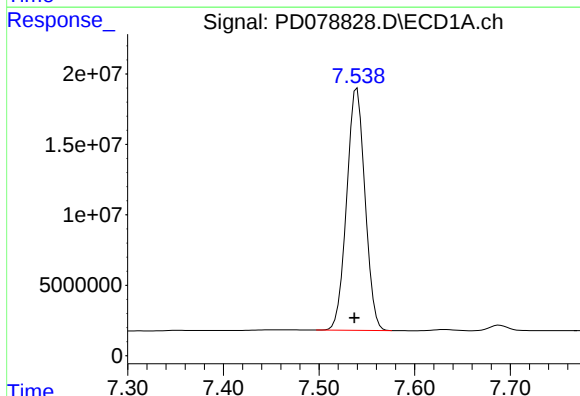
R.T.: 6.967 min  
Delta R.T.: 0.003 min  
Response: 2197194  
Conc: 1.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



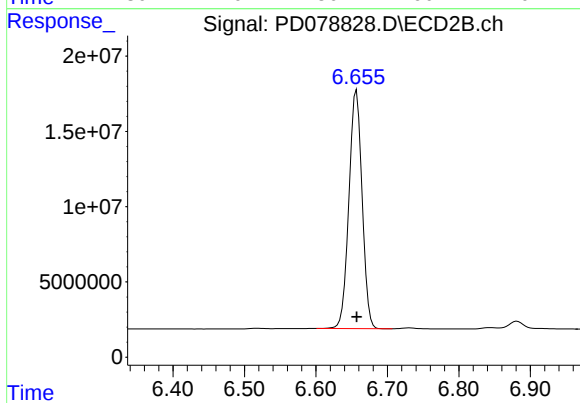
#18 Endrin aldehyde

R.T.: 6.155 min  
Delta R.T.: 0.002 min  
Response: 3819625  
Conc: 2.80 ng/ml



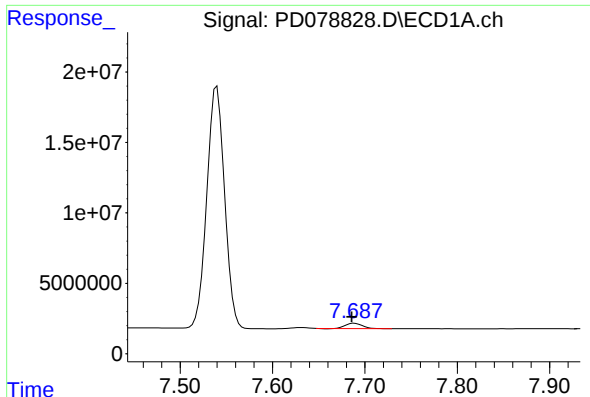
#20 Methoxychlor

R.T.: 7.540 min  
Delta R.T.: 0.003 min  
Response: 229512650  
Conc: 244.40 ng/ml



#20 Methoxychlor

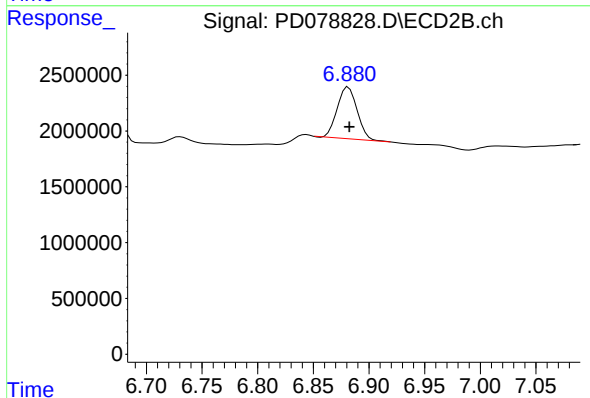
R.T.: 6.657 min  
Delta R.T.: 0.000 min  
Response: 203471215  
Conc: 260.20 ng/ml



#21 Endrin ketone

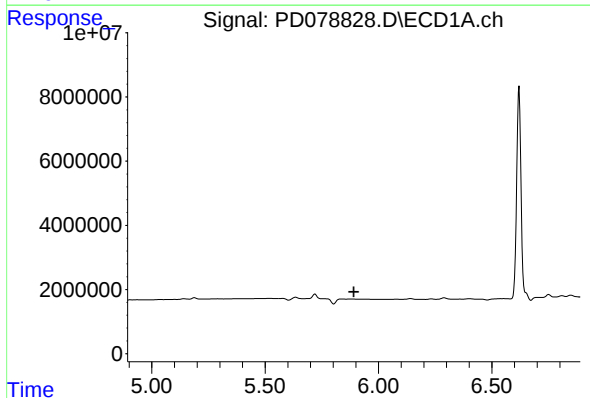
R.T.: 7.689 min  
Delta R.T.: 0.003 min  
Response: 4784219  
Conc: 2.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



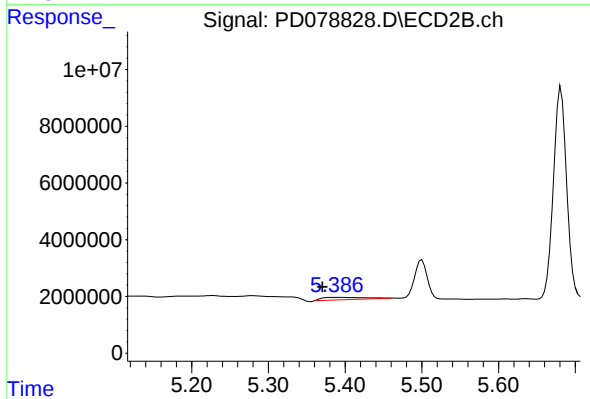
#21 Endrin ketone

R.T.: 6.882 min  
Delta R.T.: 0.000 min  
Response: 5697753  
Conc: 3.14 ng/ml



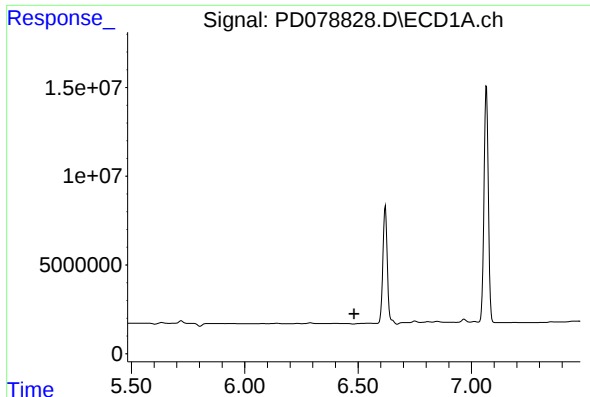
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.891 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

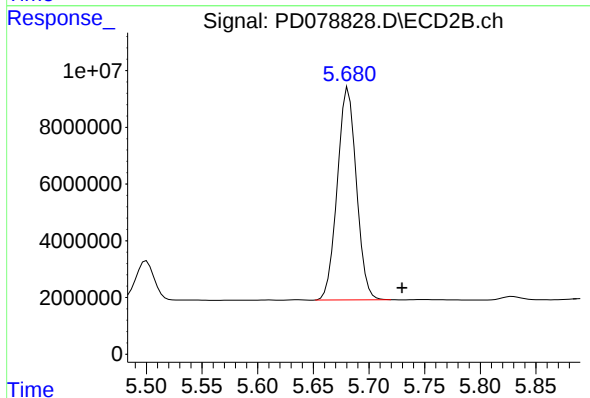
R.T.: 5.388 min  
Delta R.T.: 0.017 min  
Response: 3281569  
Conc: 291.08 ng/ml



#23 Toxaphene-2

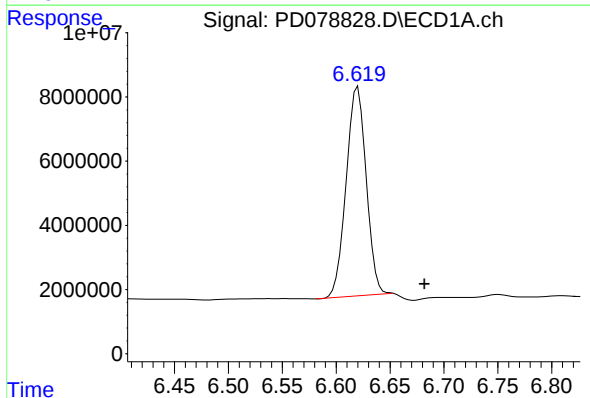
R.T.: 0.000 min  
Exp R.T.: 6.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



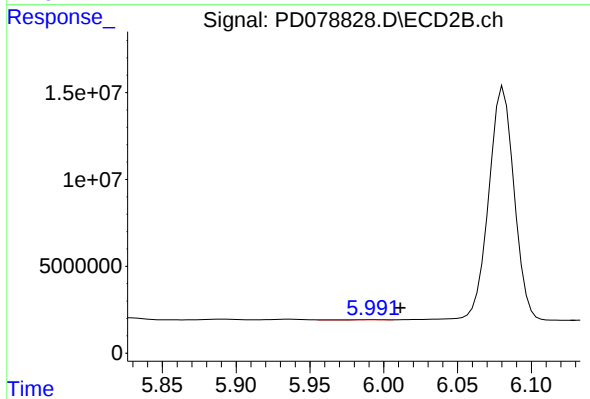
#23 Toxaphene-2

R.T.: 5.682 min  
Delta R.T.: -0.048 min  
Response: 89480147  
Conc: 8521.34 ng/ml



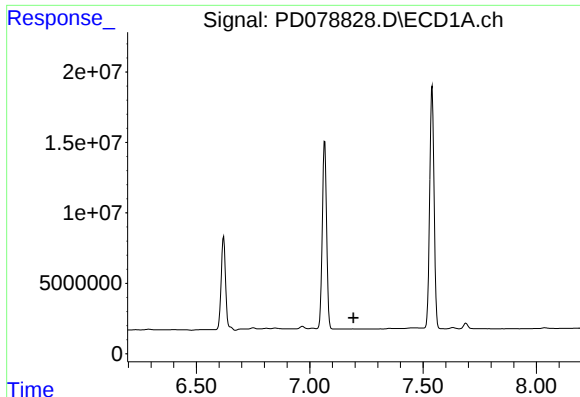
#24 Toxaphene-3

R.T.: 6.620 min  
Delta R.T.: -0.062 min  
Response: 84488867  
Conc: 6033.29 ng/ml



#24 Toxaphene-3

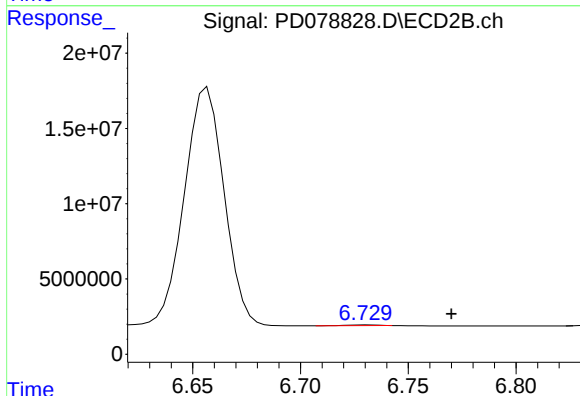
R.T.: 5.992 min  
Delta R.T.: -0.019 min  
Response: 62985  
Conc: 4.98 ng/ml



#25 Toxaphene-4

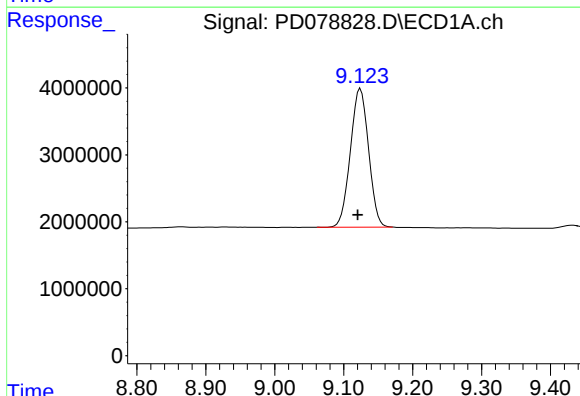
R.T.: 0.000 min  
Exp R.T.: 7.193 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



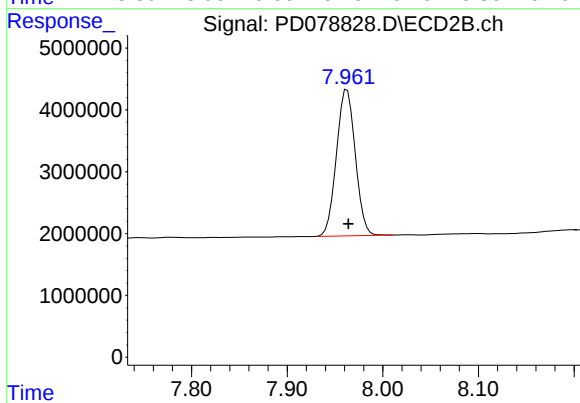
#25 Toxaphene-4

R.T.: 6.730 min  
Delta R.T.: -0.040 min  
Response: 406770  
Conc: 9.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: 0.004 min  
Response: 37935379  
Conc: 20.66 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.963 min  
Delta R.T.: -0.001 min  
Response: 32471845  
Conc: 22.33 ng/ml