

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102021\  
 Data File : PD066447.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2021 16:26  
 Operator : AJ\MA  
 Sample : PB140018BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 04:22:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 19 10:18:55 2021  
 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

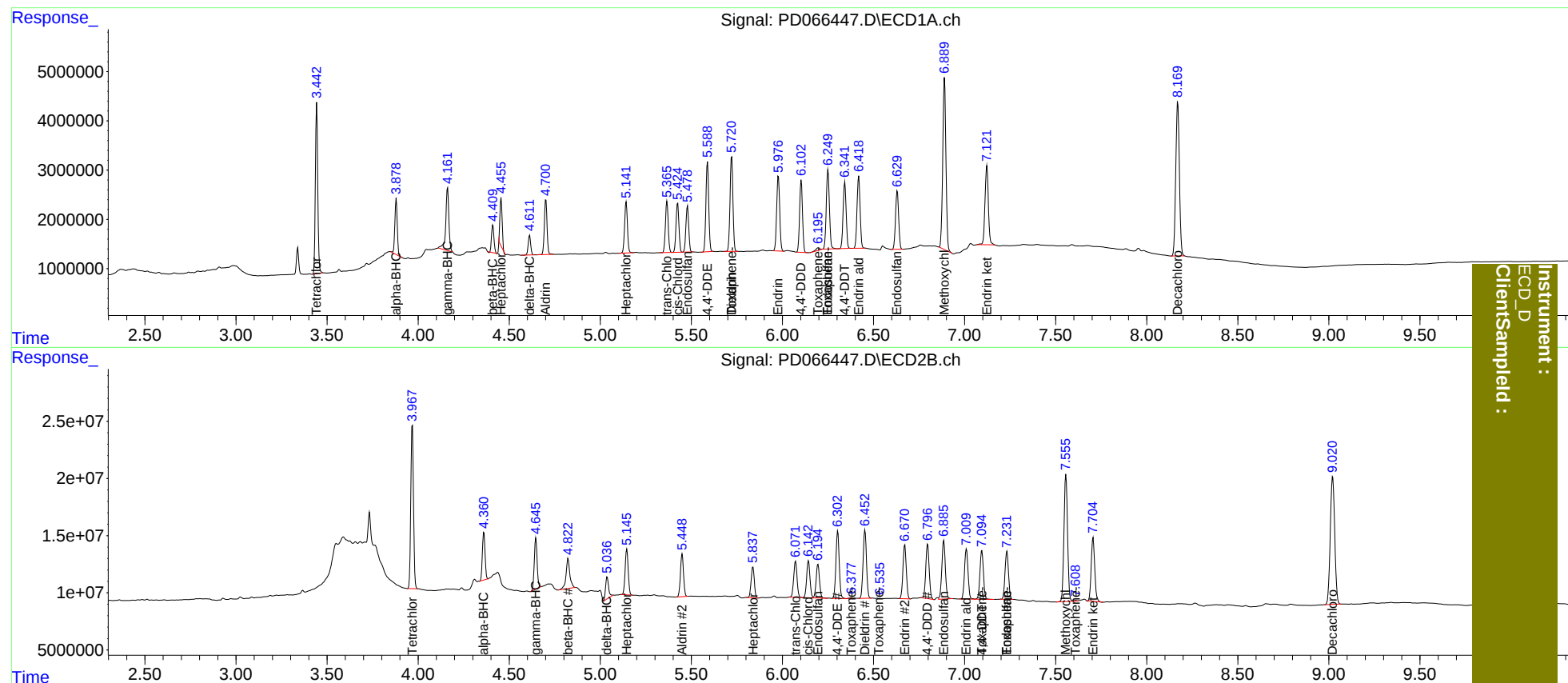
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|----------|
| -----                       |                 |       |       |          |          |          |          |
| System Monitoring Compounds |                 |       |       |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.443 | 3.968 | 31414745 | 148.0E6  | 15.385   | 16.607   |
| 27)                         | SA Decachlor... | 8.171 | 9.021 | 43239117 | 190.7E6  | 31.803   | 40.167 # |
| Target Compounds            |                 |       |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.880 | 4.361 | 10202580 | 42936276 | 3.270    | 3.695    |
| 3)                          | MA gamma-BHC... | 4.162 | 4.647 | 15042184 | 47990893 | 4.873    | 4.348    |
| 4)                          | MA Heptachlor   | 4.456 | 5.146 | 7838068  | 46466956 | 2.677    | 4.592 #  |
| 5)                          | MB Aldrin       | 4.701 | 5.450 | 11547055 | 43784877 | 3.755    | 4.342    |
| 6)                          | B beta-BHC      | 4.411 | 4.823 | 5220119  | 37684665 | 3.920    | 7.238 #  |
| 7)                          | B delta-BHC     | 4.612 | 5.038 | 3831379  | 21400513 | 1.328    | 2.212 #  |
| 8)                          | B Heptachlo...  | 5.143 | 5.838 | 11182379 | 32673309 | 4.132    | 4.069    |
| 9)                          | A Endosulfan I  | 5.479 | 6.195 | 10056833 | 37947569 | 3.978    | 4.500    |
| 10)                         | B trans-Chl...  | 5.366 | 6.072 | 11110974 | 40390184 | 4.054    | 4.467    |
| 11)                         | B cis-Chlor...  | 5.425 | 6.143 | 11064015 | 40776010 | 4.125    | 4.600    |
| 12)                         | B 4,4'-DDE      | 5.589 | 6.304 | 19546757 | 74176238 | 7.804    | 9.335    |
| 13)                         | MA Dieldrin     | 5.722 | 6.454 | 21366138 | 76720424 | 7.955    | 9.076    |
| 14)                         | MA Endrin       | 5.978 | 6.672 | 17700409 | 59874160 | 7.445    | 11.312 # |
| 15)                         | B Endosulfa...  | 6.250 | 6.886 | 19225168 | 68549863 | 8.559    | 9.619    |
| 16)                         | A 4,4'-DDD      | 6.103 | 6.798 | 16145215 | 62017653 | 7.775    | 9.294    |
| 17)                         | MA 4,4'-DDT     | 6.343 | 7.095 | 15574365 | 56742748 | 7.827    | 8.652    |
| 18)                         | B Endrin al...  | 6.419 | 7.010 | 17075405 | 59044931 | 10.901   | 11.138   |
| 19)                         | B Endosulfa...  | 6.631 | 7.233 | 14125072 | 55547508 | 7.119    | 8.423    |
| 20)                         | A Methoxychlor  | 6.890 | 7.556 | 42168576 | 152.6E6  | 40.668   | 47.000   |
| 21)                         | B Endrin ke...  | 7.122 | 7.706 | 20709619 | 74062935 | 8.968    | 10.326   |
| 22)                         | Toxaphene-1     | 5.722 | 6.378 | 21366138 | 627925   | 1275.216 | 17.041 # |
| 23)                         | Toxaphene-2     | 6.196 | 6.537 | 724190   | 8269     | 42.646   | 0.132 #  |
| 24)                         | Toxaphene-3     | 6.250 | 7.095 | 19225168 | 56742748 | 483.344  | 523.267  |
| 25)                         | Toxaphene-4     | 0.000 | 7.233 | 0        | 55547508 | N.D.     | 509.782  |
| -----                       |                 |       |       |          |          |          |          |

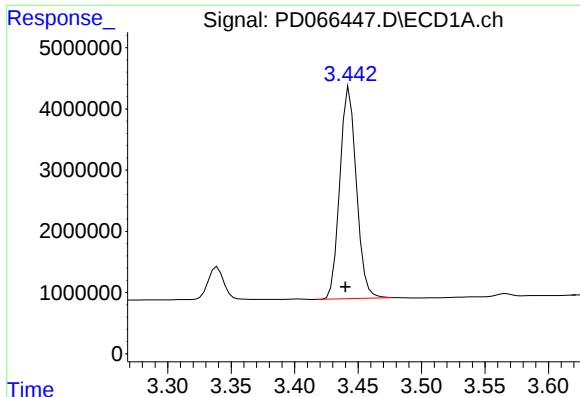
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102021\  
Data File : PD066447.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2021 16:26  
Operator : AJ\MA  
Sample : PB140018BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 04:22:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 19 10:18:55 2021  
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

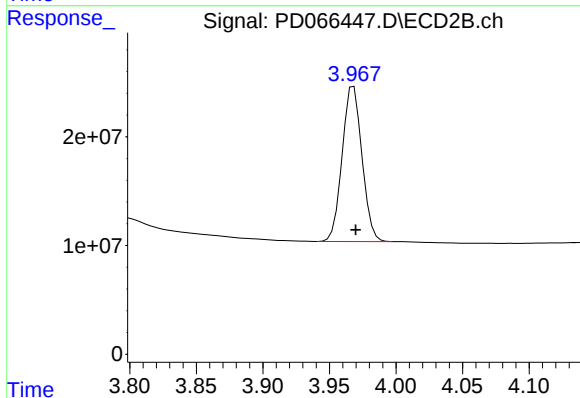




#1 Tetrachloro-m-xylene

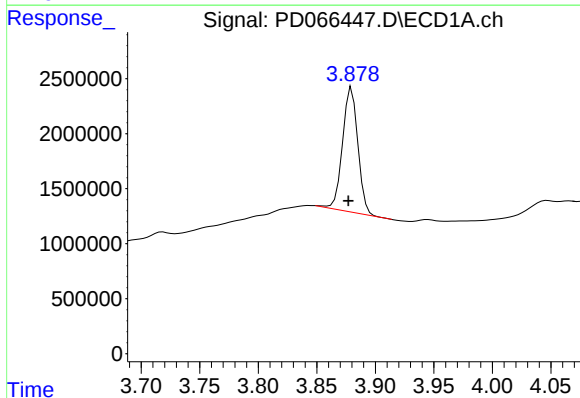
R.T.: 3.443 min  
Delta R.T.: 0.003 min  
Response: 31414745  
Conc: 15.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



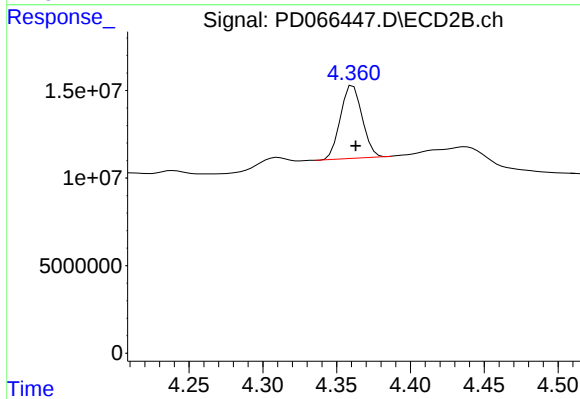
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: -0.001 min  
Response: 147990285  
Conc: 16.61 ng/ml



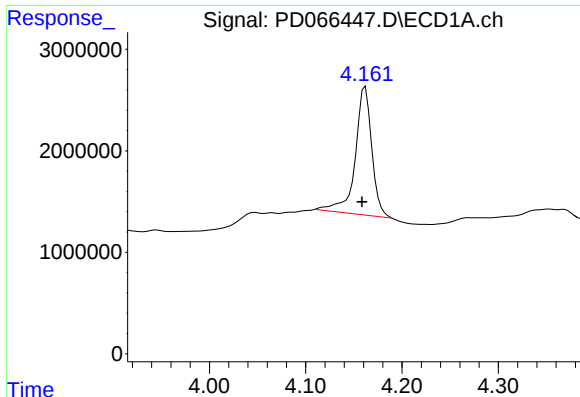
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.003 min  
Response: 10202580  
Conc: 3.27 ng/ml



#2 alpha-BHC

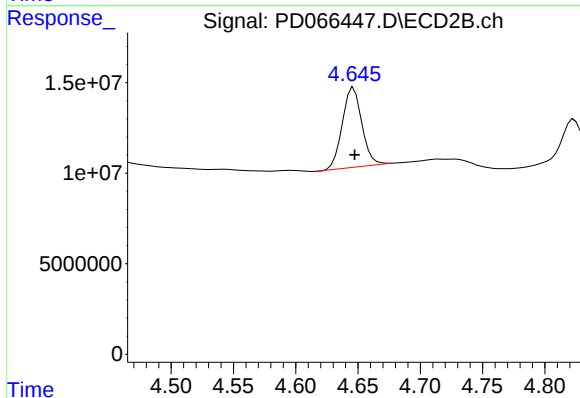
R.T.: 4.361 min  
Delta R.T.: -0.002 min  
Response: 42936276  
Conc: 3.70 ng/ml



#3 gamma-BHC (Lindane)

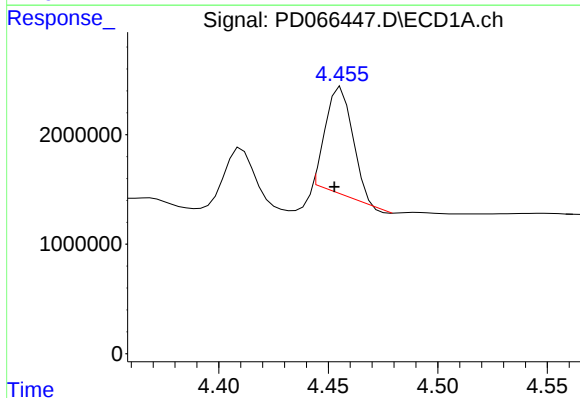
R.T.: 4.162 min  
Delta R.T.: 0.003 min  
Response: 15042184  
Conc: 4.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



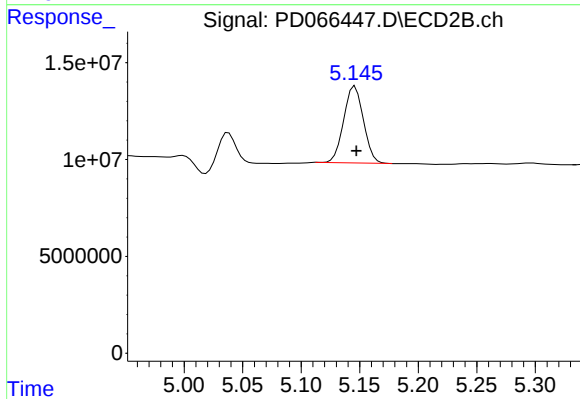
#3 gamma-BHC (Lindane)

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 47990893  
Conc: 4.35 ng/ml



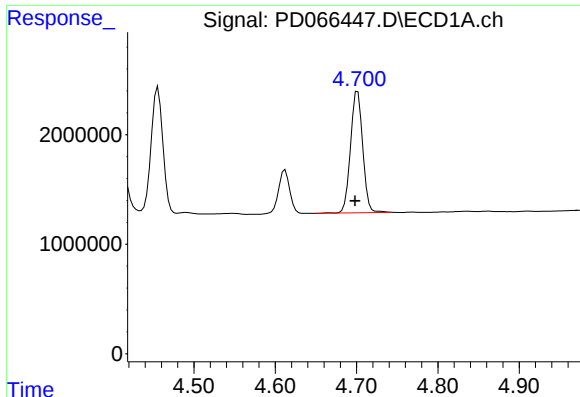
#4 Heptachlor

R.T.: 4.456 min  
Delta R.T.: 0.003 min  
Response: 7838068  
Conc: 2.68 ng/ml



#4 Heptachlor

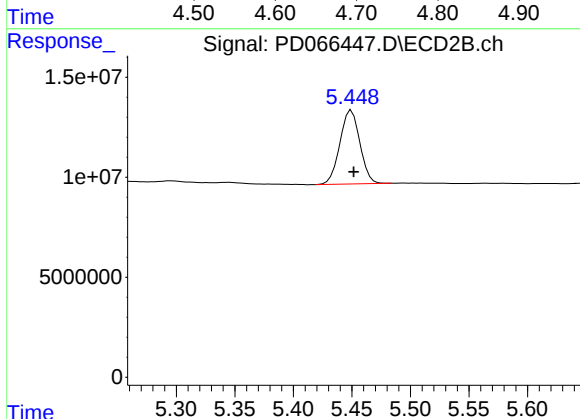
R.T.: 5.146 min  
Delta R.T.: -0.001 min  
Response: 46466956  
Conc: 4.59 ng/ml



#5 Aldrin

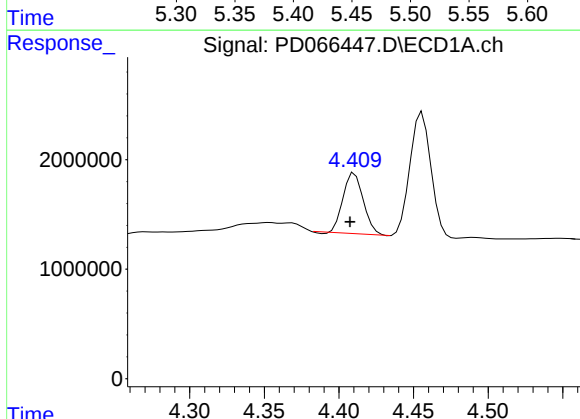
R.T.: 4.701 min  
Delta R.T.: 0.003 min  
Response: 11547055  
Conc: 3.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



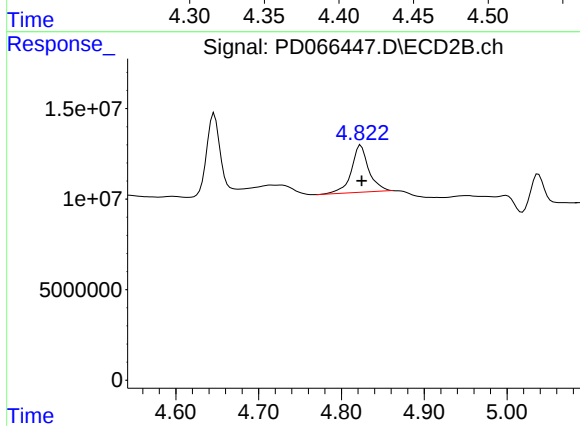
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: -0.002 min  
Response: 43784877  
Conc: 4.34 ng/ml



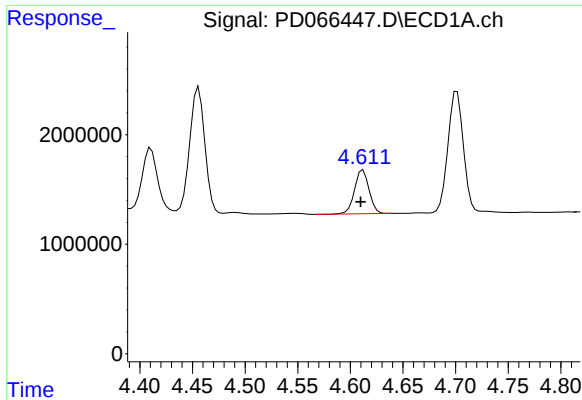
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: 0.003 min  
Response: 5220119  
Conc: 3.92 ng/ml



#6 beta-BHC

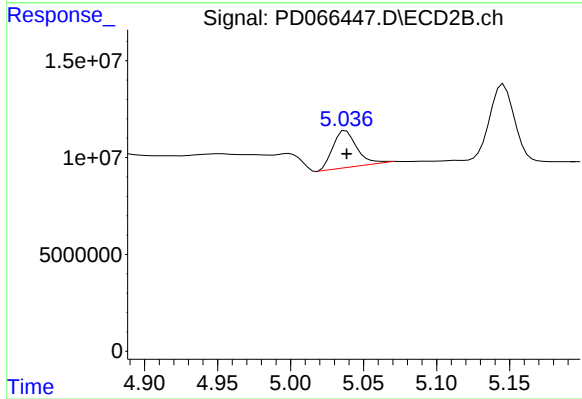
R.T.: 4.823 min  
Delta R.T.: -0.001 min  
Response: 37684665  
Conc: 7.24 ng/ml



#7 delta-BHC

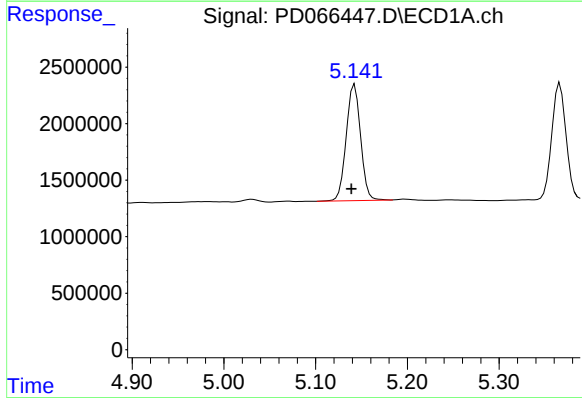
R.T.: 4.612 min  
Delta R.T.: 0.003 min  
Response: 3831379  
Conc: 1.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



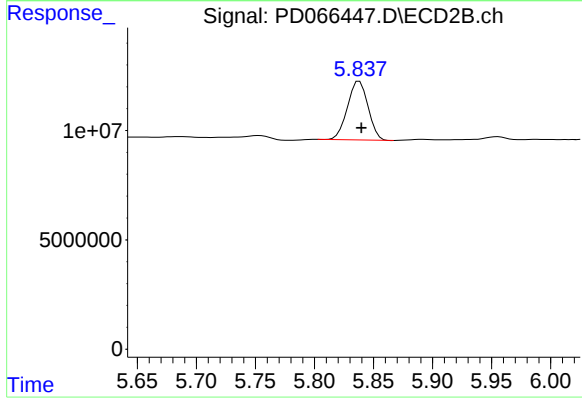
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 21400513  
Conc: 2.21 ng/ml



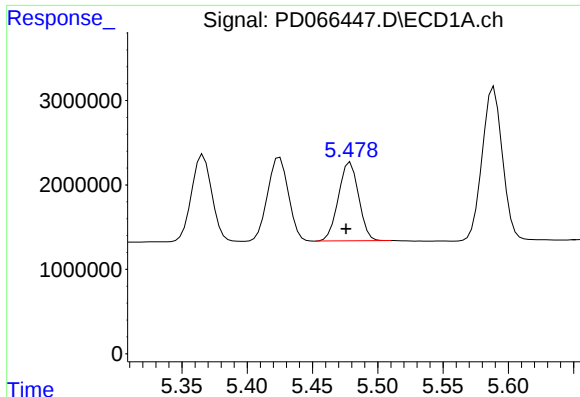
#8 Heptachlor epoxide

R.T.: 5.143 min  
Delta R.T.: 0.003 min  
Response: 11182379  
Conc: 4.13 ng/ml



#8 Heptachlor epoxide

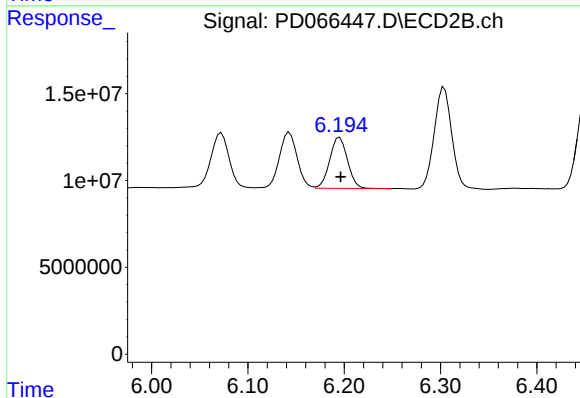
R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 32673309  
Conc: 4.07 ng/ml



#9 Endosulfan I

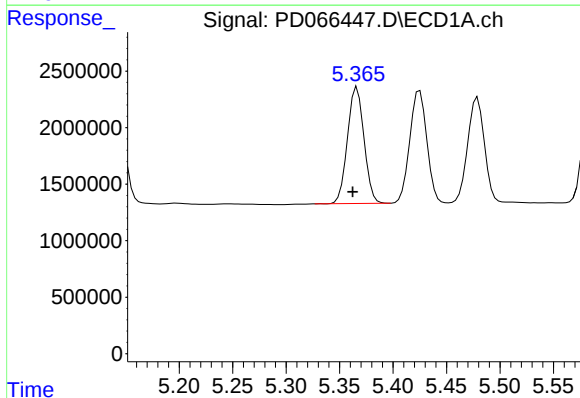
R.T.: 5.479 min  
Delta R.T.: 0.003 min  
Response: 10056833  
Conc: 3.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



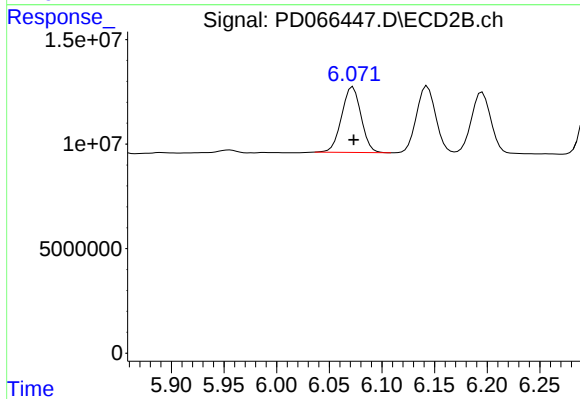
#9 Endosulfan I

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 37947569  
Conc: 4.50 ng/ml



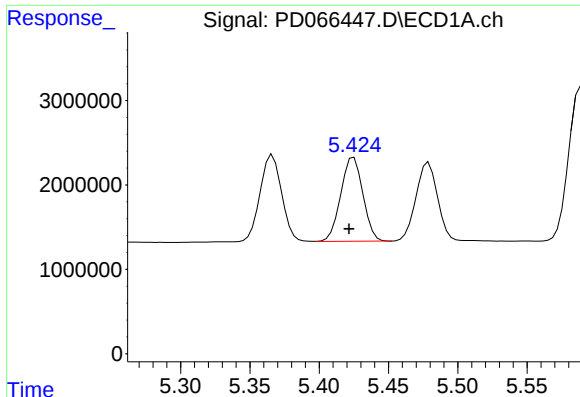
#10 trans-Chlordane

R.T.: 5.366 min  
Delta R.T.: 0.004 min  
Response: 11110974  
Conc: 4.05 ng/ml



#10 trans-Chlordane

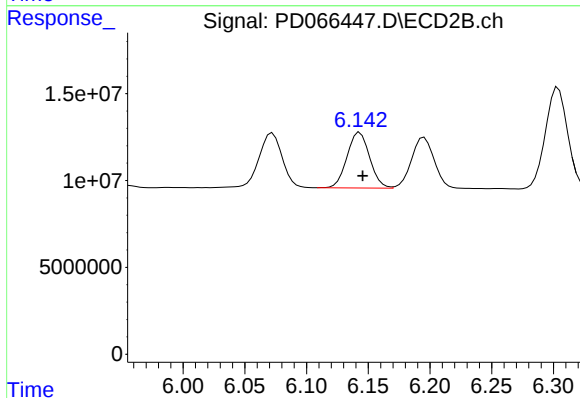
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 40390184  
Conc: 4.47 ng/ml



#11 cis-Chlordane

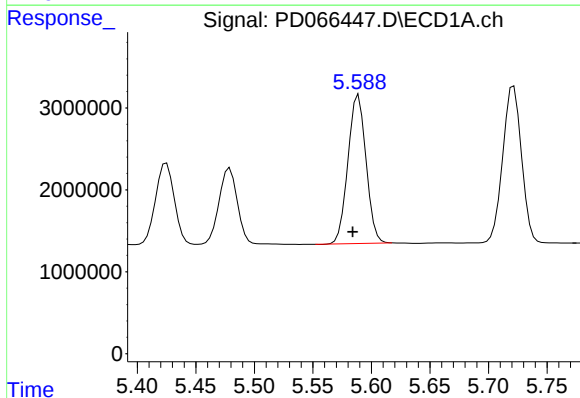
R.T.: 5.425 min  
Delta R.T.: 0.004 min  
Response: 11064015  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



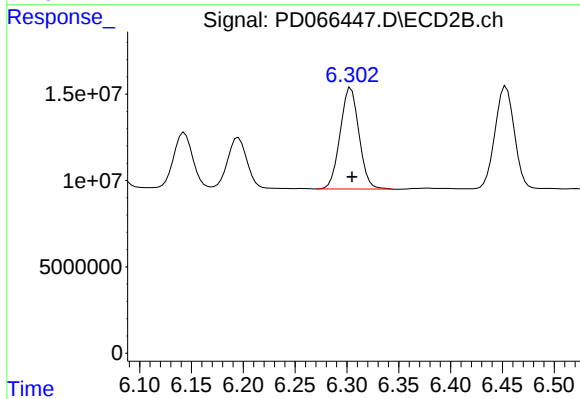
#11 cis-Chlordane

R.T.: 6.143 min  
Delta R.T.: -0.002 min  
Response: 40776010  
Conc: 4.60 ng/ml



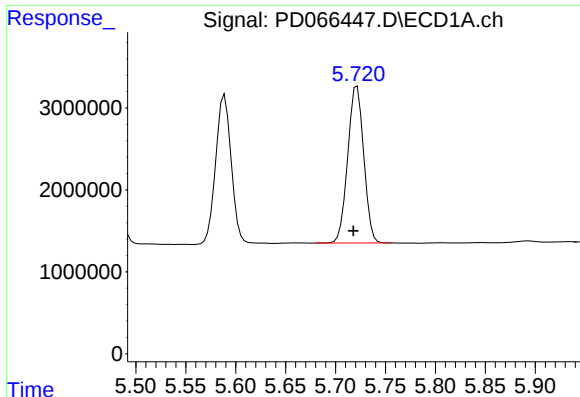
#12 4,4'-DDE

R.T.: 5.589 min  
Delta R.T.: 0.005 min  
Response: 19546757  
Conc: 7.80 ng/ml



#12 4,4'-DDE

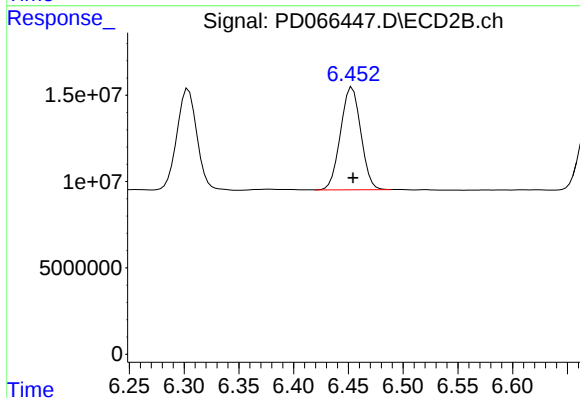
R.T.: 6.304 min  
Delta R.T.: -0.001 min  
Response: 74176238  
Conc: 9.33 ng/ml



#13 Dieldrin

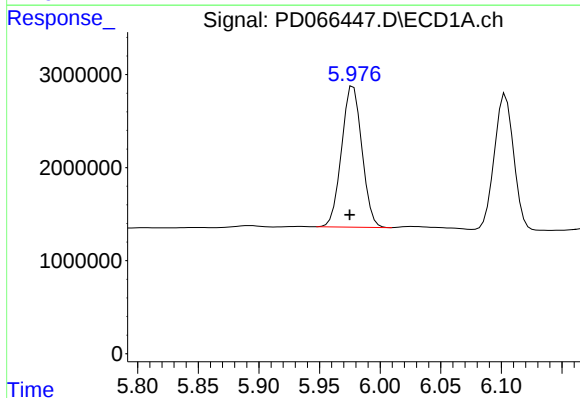
R.T.: 5.722 min  
Delta R.T.: 0.004 min  
Response: 21366138  
Conc: 7.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



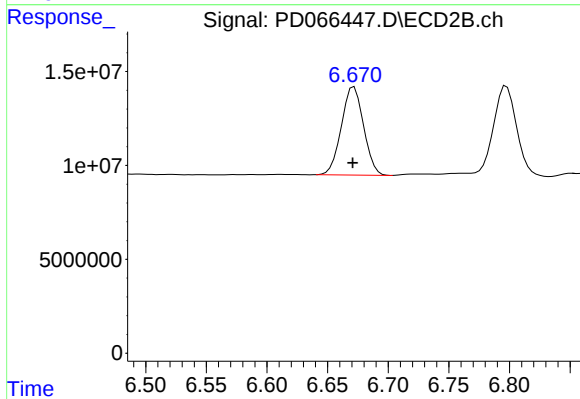
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 76720424  
Conc: 9.08 ng/ml



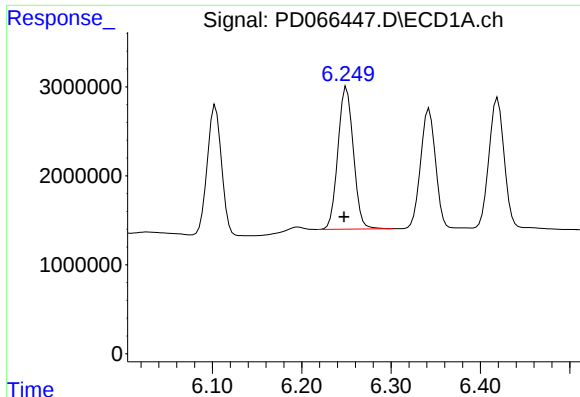
#14 Endrin

R.T.: 5.978 min  
Delta R.T.: 0.003 min  
Response: 17700409  
Conc: 7.45 ng/ml



#14 Endrin

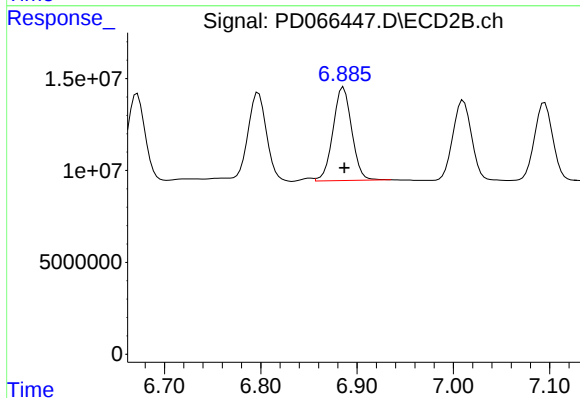
R.T.: 6.672 min  
Delta R.T.: 0.001 min  
Response: 59874160  
Conc: 11.31 ng/ml



#15 Endosulfan II

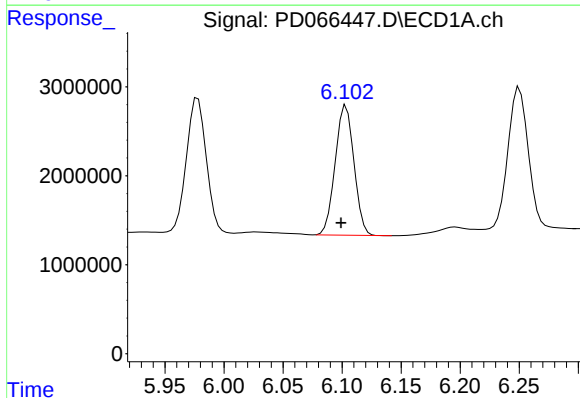
R.T.: 6.250 min  
Delta R.T.: 0.003 min  
Response: 19225168  
Conc: 8.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



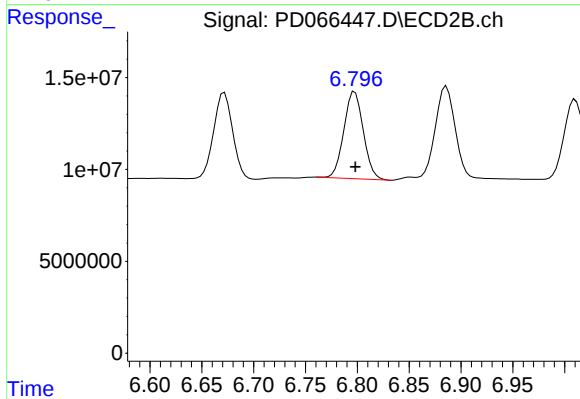
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 68549863  
Conc: 9.62 ng/ml



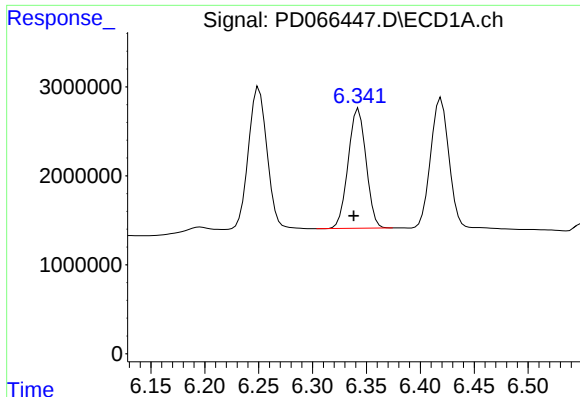
#16 4,4'-DDD

R.T.: 6.103 min  
Delta R.T.: 0.004 min  
Response: 16145215  
Conc: 7.78 ng/ml



#16 4,4'-DDD

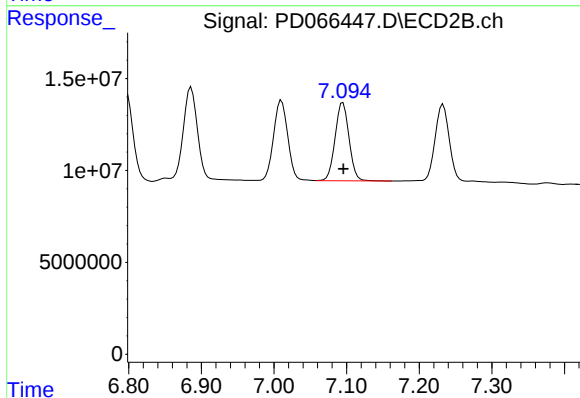
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 62017653  
Conc: 9.29 ng/ml



#17 4,4'-DDT

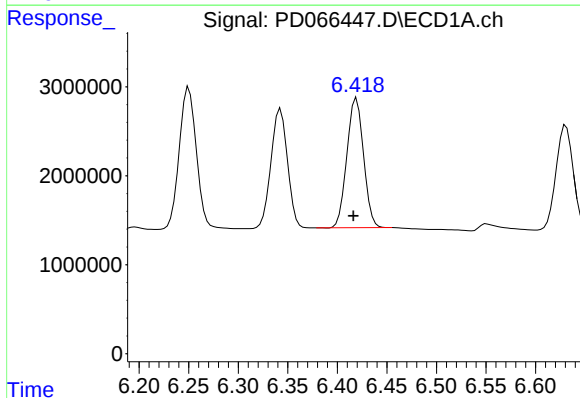
R.T.: 6.343 min  
Delta R.T.: 0.004 min  
Response: 15574365  
Conc: 7.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



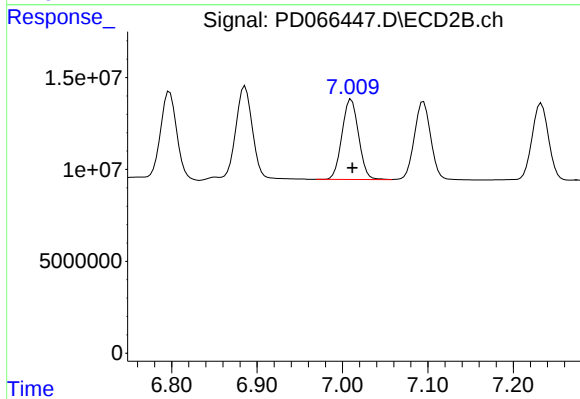
#17 4,4'-DDT

R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 56742748  
Conc: 8.65 ng/ml



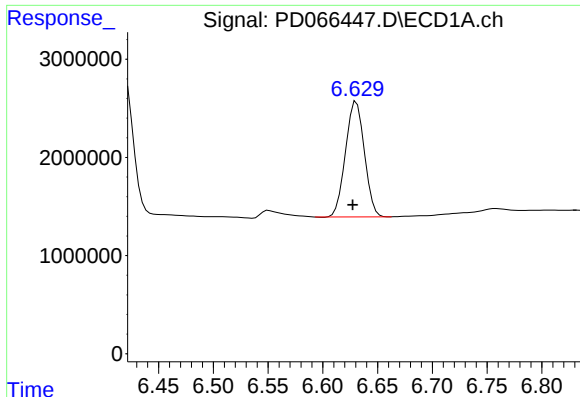
#18 Endrin aldehyde

R.T.: 6.419 min  
Delta R.T.: 0.003 min  
Response: 17075405  
Conc: 10.90 ng/ml



#18 Endrin aldehyde

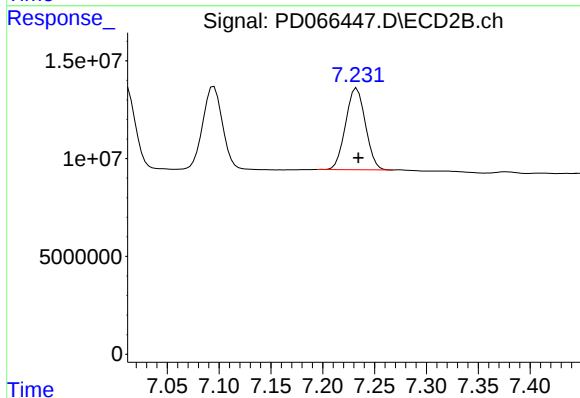
R.T.: 7.010 min  
Delta R.T.: -0.001 min  
Response: 59044931  
Conc: 11.14 ng/ml



#19 Endosulfan Sulfate

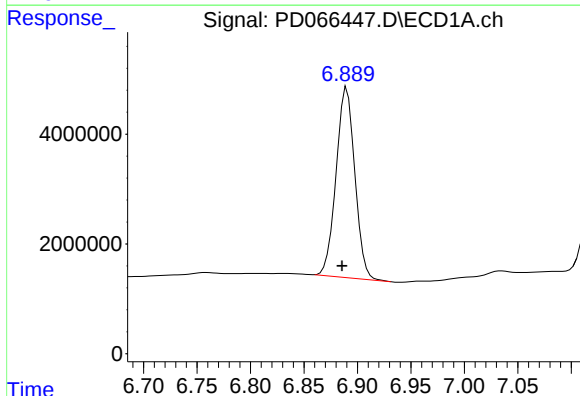
R.T.: 6.631 min  
Delta R.T.: 0.003 min  
Response: 14125072  
Conc: 7.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



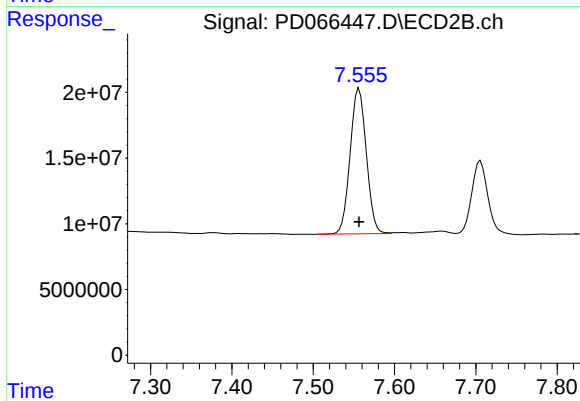
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.001 min  
Response: 55547508  
Conc: 8.42 ng/ml



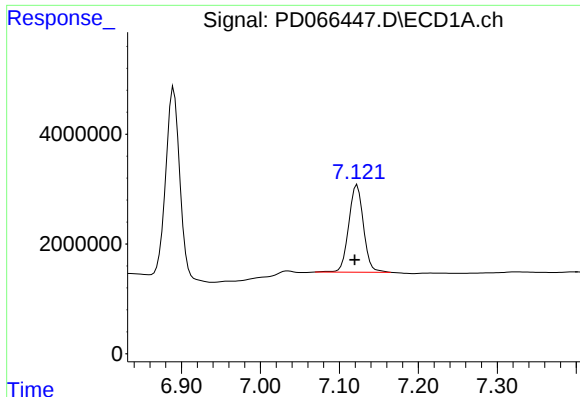
#20 Methoxychlor

R.T.: 6.890 min  
Delta R.T.: 0.004 min  
Response: 42168576  
Conc: 40.67 ng/ml



#20 Methoxychlor

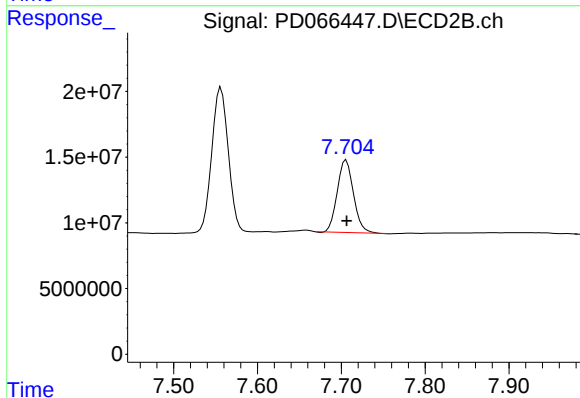
R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 152639854  
Conc: 47.00 ng/ml



#21 Endrin ketone

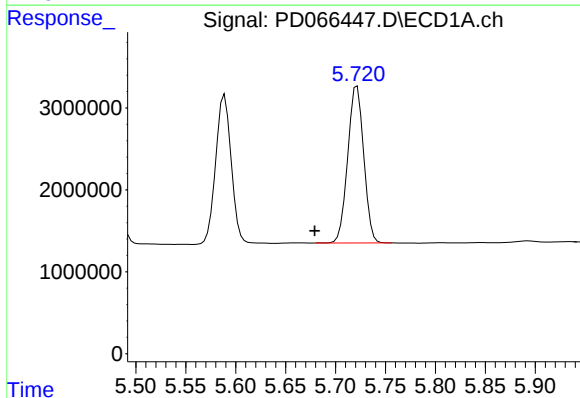
R.T.: 7.122 min  
Delta R.T.: 0.003 min  
Response: 20709619  
Conc: 8.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



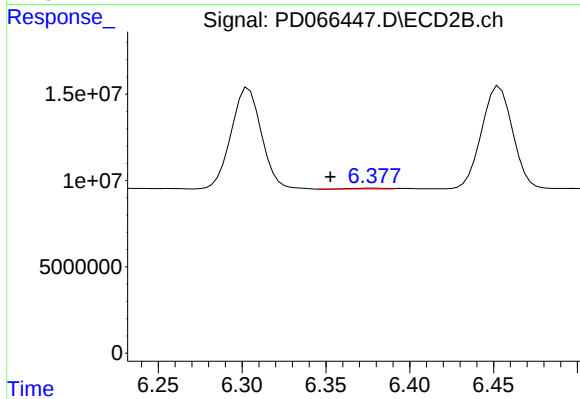
#21 Endrin ketone

R.T.: 7.706 min  
Delta R.T.: 0.000 min  
Response: 74062935  
Conc: 10.33 ng/ml



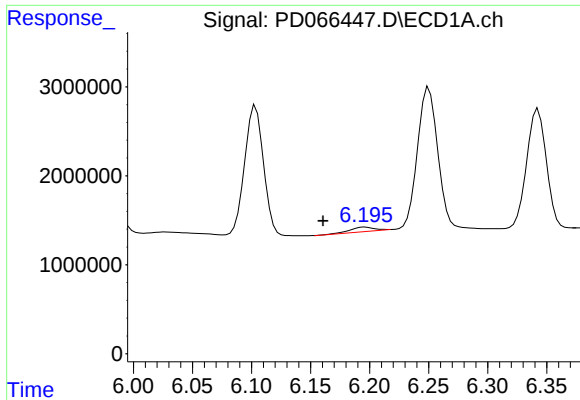
#22 Toxaphene-1

R.T.: 5.722 min  
Delta R.T.: 0.042 min  
Response: 21366138  
Conc: 1275.22 ng/ml



#22 Toxaphene-1

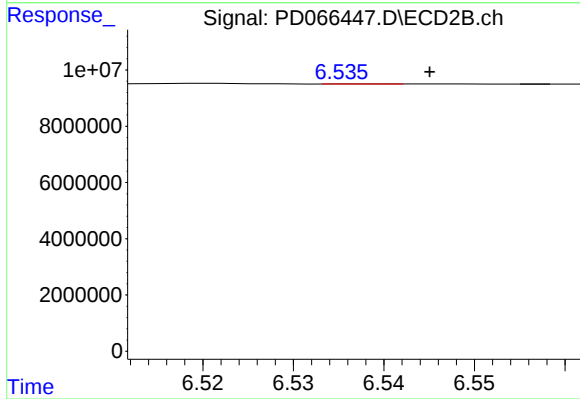
R.T.: 6.378 min  
Delta R.T.: 0.026 min  
Response: 627925  
Conc: 17.04 ng/ml



#23 Toxaphene-2

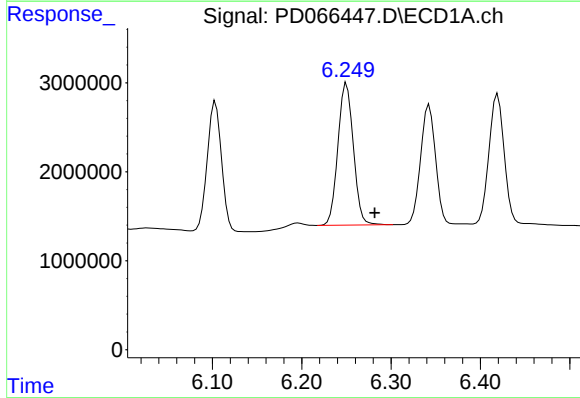
R.T.: 6.196 min  
Delta R.T.: 0.036 min  
Response: 724190  
Conc: 42.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



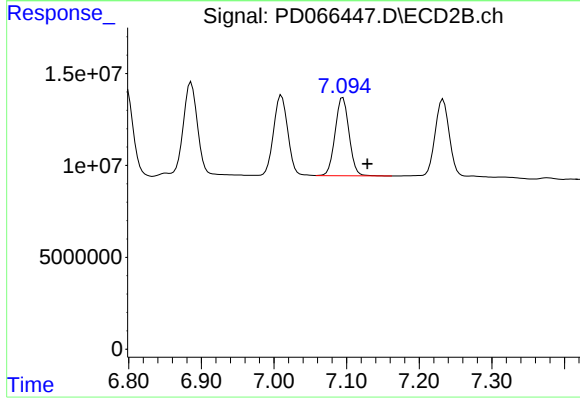
#23 Toxaphene-2

R.T.: 6.537 min  
Delta R.T.: -0.008 min  
Response: 8269  
Conc: 0.13 ng/ml



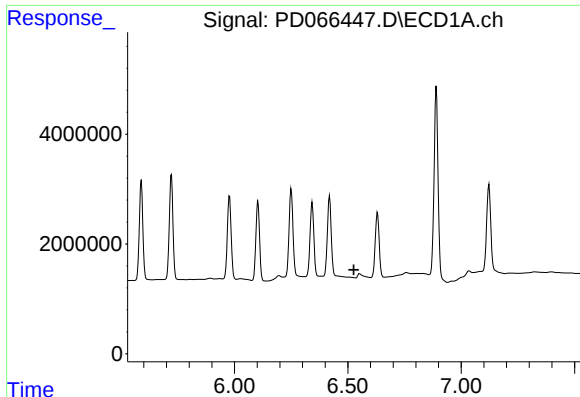
#24 Toxaphene-3

R.T.: 6.250 min  
Delta R.T.: -0.031 min  
Response: 19225168  
Conc: 483.34 ng/ml



#24 Toxaphene-3

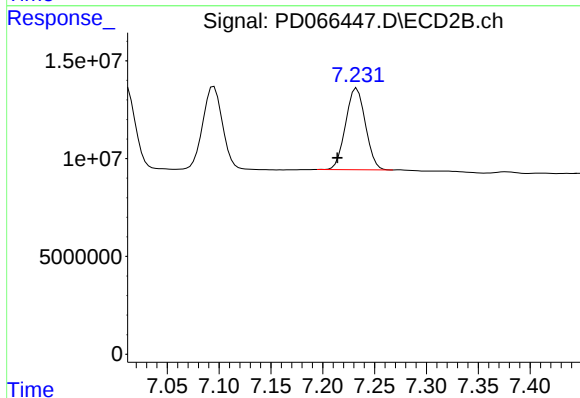
R.T.: 7.095 min  
Delta R.T.: -0.034 min  
Response: 56742748  
Conc: 523.27 ng/ml



#25 Toxaphene-4

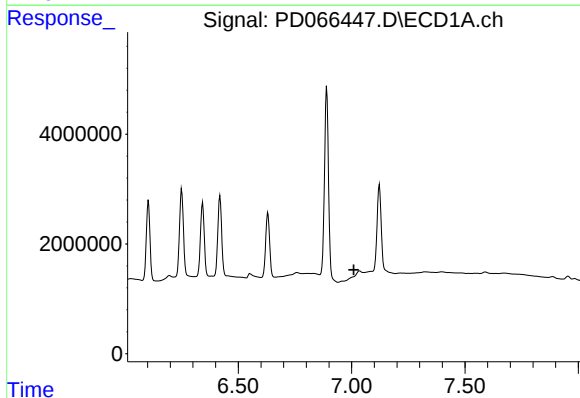
R.T.: 0.000 min  
Exp R.T.: 6.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



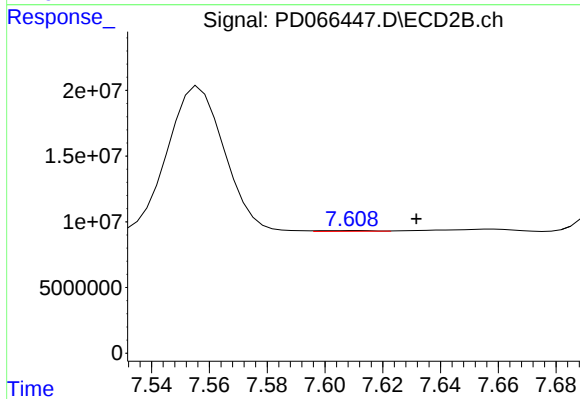
#25 Toxaphene-4

R.T.: 7.233 min  
Delta R.T.: 0.019 min  
Response: 55547508  
Conc: 509.78 ng/ml



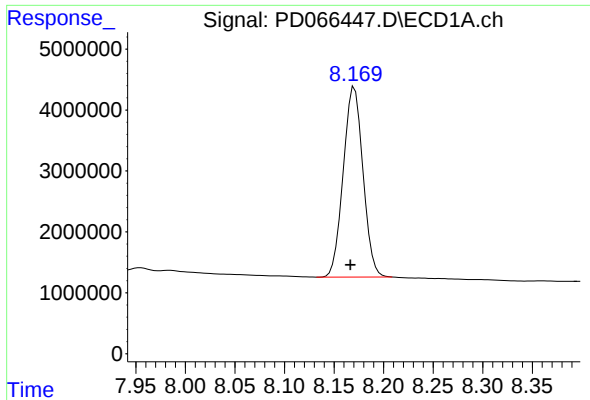
#26 Toxaphene-5

R.T.: 7.035 min  
Delta R.T.: 0.025 min  
Response: -585084  
Conc: N.D.



#26 Toxaphene-5

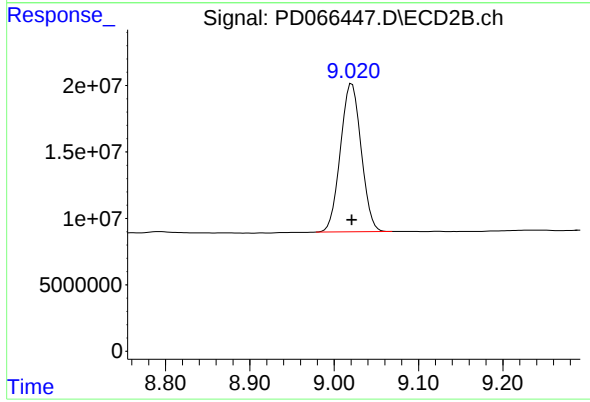
R.T.: 7.611 min  
Delta R.T.: -0.021 min  
Response: 713218  
Conc: 9.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.171 min  
Delta R.T.: 0.004 min  
Response: 43239117  
Conc: 31.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.000 min  
Response: 190749487  
Conc: 40.17 ng/ml