

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070921\  
 Data File : PD064212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2021 17:59  
 Operator : AR\AJ  
 Sample : PB137575BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 02:13:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 10 02:02:54 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

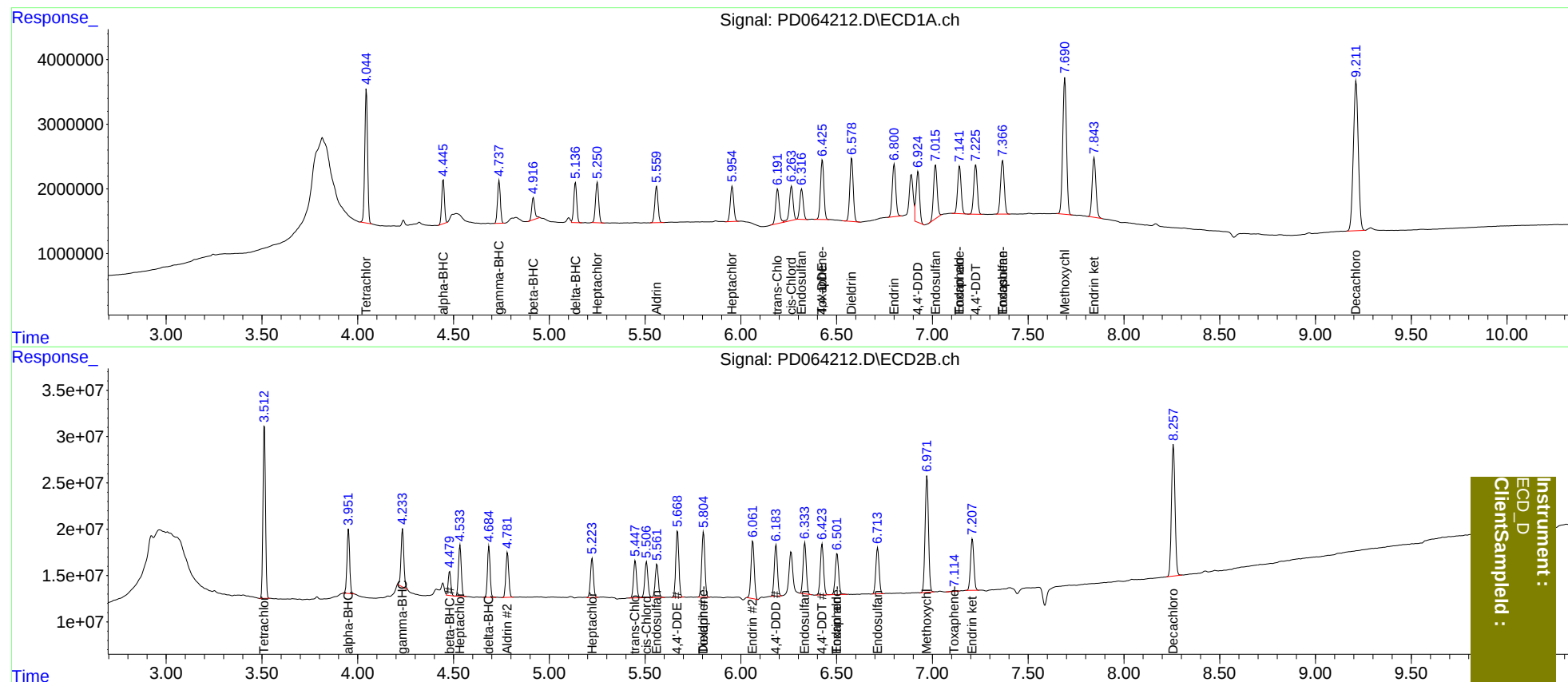
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|-----------|
| -----                       |                 |       |       |          |          |          |           |
| System Monitoring Compounds |                 |       |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 4.046 | 3.513 | 20933621 | 170.2E6  | 16.128   | 17.550    |
| 27)                         | SA Decachlor... | 9.212 | 8.259 | 41449635 | 186.1E6  | 39.311   | 35.690    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.447 | 3.952 | 6708855  | 67218817 | 3.603    | 5.026 #   |
| 3)                          | MA gamma-BHC... | 4.738 | 4.235 | 6843251  | 63267984 | 3.843    | 5.200 #   |
| 4)                          | MA Heptachlor   | 5.251 | 4.534 | 7197885  | 55801331 | 4.080    | 4.894     |
| 5)                          | MB Aldrin       | 5.560 | 4.782 | 6587943  | 50745402 | 4.134    | 4.899     |
| 6)                          | B beta-BHC      | 4.917 | 4.480 | 3824052  | 25398676 | 4.557    | 4.674     |
| 7)                          | B delta-BHC     | 5.137 | 4.685 | 6645632  | 53359601 | 3.891    | 4.853     |
| 8)                          | B Heptachlo...  | 5.955 | 5.224 | 6694208  | 45500347 | 4.391    | 4.980     |
| 9)                          | A Endosulfan I  | 6.318 | 5.562 | 5852236  | 41133318 | 4.236    | 4.865     |
| 10)                         | B trans-Chl...  | 6.192 | 5.449 | 7056468  | 44762896 | 4.464    | 4.812     |
| 11)                         | B cis-Chlor...  | 6.265 | 5.508 | 7110343  | 44789178 | 4.534    | 4.947     |
| 12)                         | B 4,4'-DDE      | 6.426 | 5.670 | 11274398 | 80026057 | 8.139    | 9.549     |
| 13)                         | MA Dieldrin     | 6.579 | 5.806 | 12146170 | 80281953 | 8.386    | 9.391     |
| 14)                         | MA Endrin       | 6.801 | 6.063 | 10414603 | 73143047 | 8.821    | 10.035    |
| 15)                         | B Endosulfa...  | 7.017 | 6.334 | 10804021 | 63423526 | 8.939    | 9.750     |
| 16)                         | A 4,4'-DDD      | 6.925 | 6.184 | 9984034  | 63735894 | 8.768    | 9.475     |
| 17)                         | MA 4,4'-DDT     | 7.227 | 6.425 | 10034385 | 64425270 | 8.692    | 9.202     |
| 18)                         | B Endrin al...  | 7.142 | 6.503 | 9359129  | 54554755 | 9.092    | 9.850     |
| 19)                         | B Endosulfa...  | 7.367 | 6.715 | 11182044 | 59378588 | 9.082    | 9.644     |
| 20)                         | A Methoxychlor  | 7.692 | 6.972 | 28636914 | 155.4E6  | 44.631   | 50.365    |
| 21)                         | B Endrin ke...  | 7.845 | 7.209 | 12709706 | 67166121 | 9.564    | 9.912     |
| 22)                         | Toxaphene-1     | 6.426 | 5.806 | 11274398 | 80281953 | 1555.052 | 1514.635  |
| 24)                         | Toxaphene-3     | 7.142 | 6.503 | 9359129  | 54554755 | 837.337  | 599.691 # |
| 25)                         | Toxaphene-4     | 7.367 | 0.000 | 11182044 | 0        | 501.192  | N.D. #    |
| 26)                         | Toxaphene-5     | 0.000 | 7.116 | 0        | 1680168  | N.D.     | 13.500    |
| -----                       |                 |       |       |          |          |          |           |

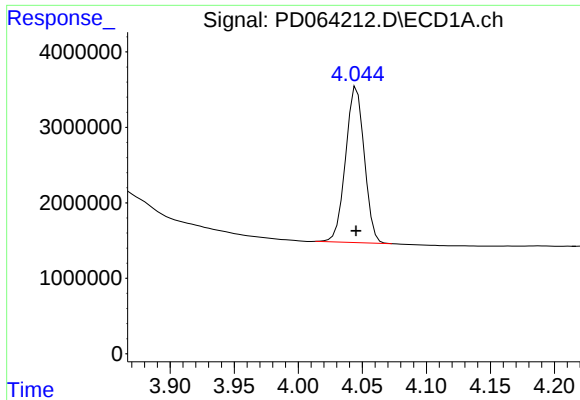
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070921\  
Data File : PD064212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2021 17:59  
Operator : AR\AJ  
Sample : PB137575BS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 02:13:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 10 02:02:54 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

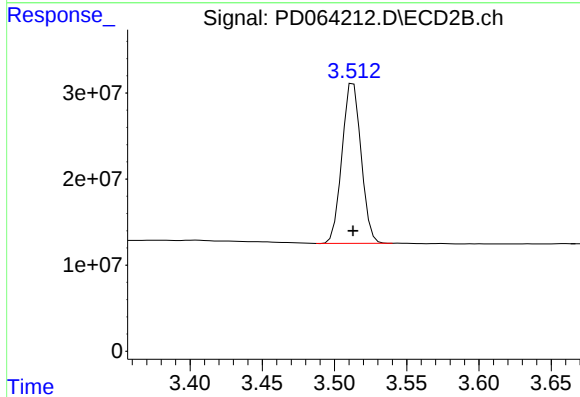




#1 Tetrachloro-m-xylene

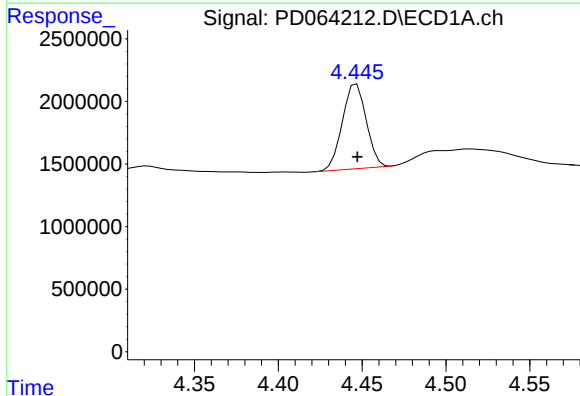
R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 20933621  
Conc: 16.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



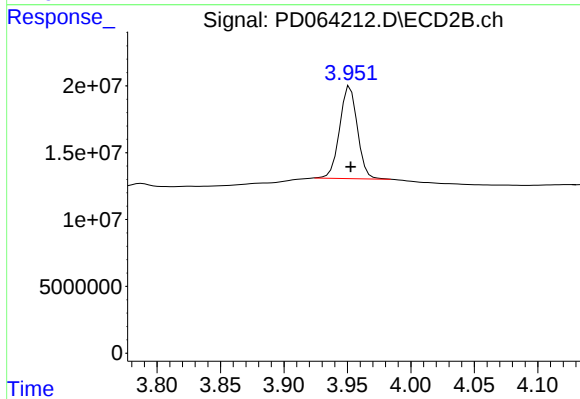
#1 Tetrachloro-m-xylene

R.T.: 3.513 min  
Delta R.T.: 0.000 min  
Response: 170226643  
Conc: 17.55 ng/ml



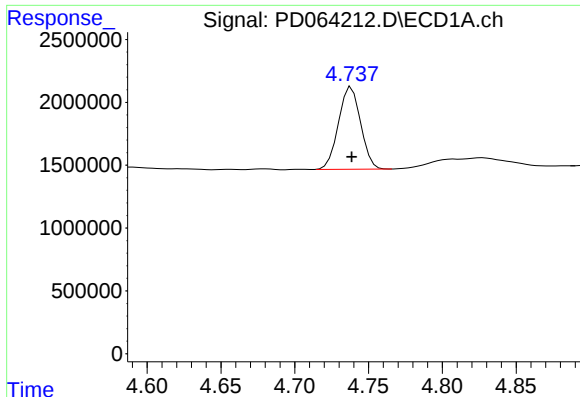
#2 alpha-BHC

R.T.: 4.447 min  
Delta R.T.: 0.000 min  
Response: 6708855  
Conc: 3.60 ng/ml



#2 alpha-BHC

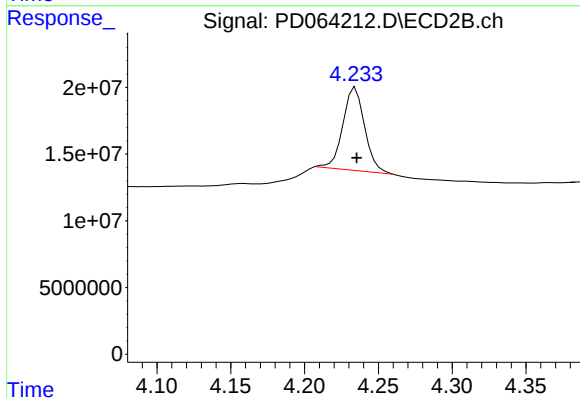
R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 67218817  
Conc: 5.03 ng/ml



#3 gamma-BHC (Lindane)

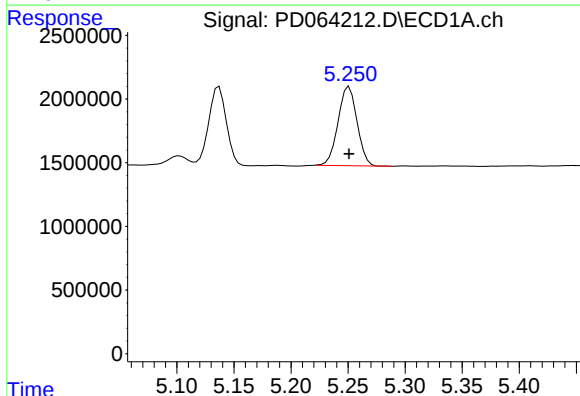
R.T.: 4.738 min  
Delta R.T.: 0.000 min  
Response: 6843251  
Conc: 3.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



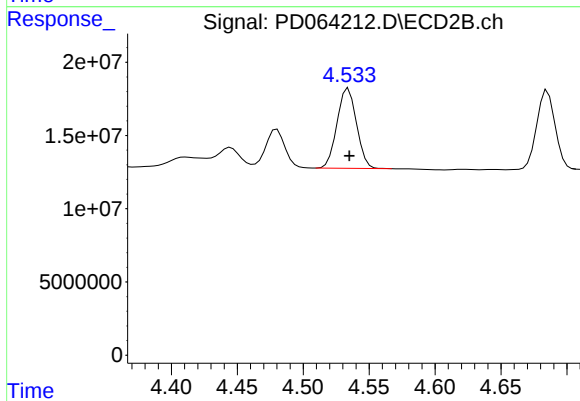
#3 gamma-BHC (Lindane)

R.T.: 4.235 min  
Delta R.T.: 0.000 min  
Response: 63267984  
Conc: 5.20 ng/ml



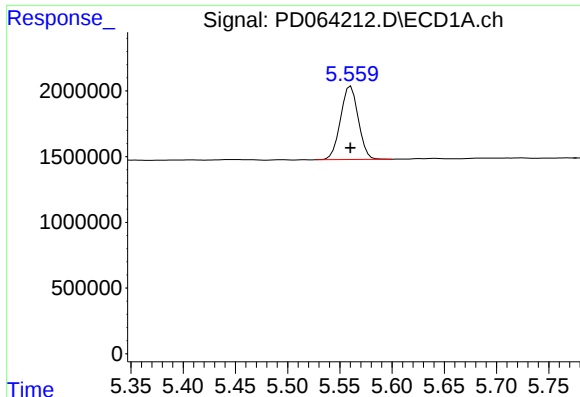
#4 Heptachlor

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 7197885  
Conc: 4.08 ng/ml



#4 Heptachlor

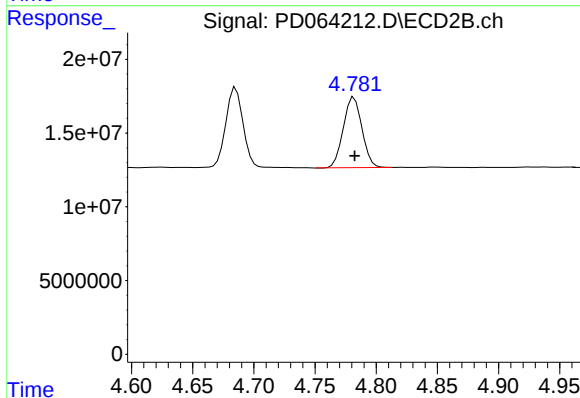
R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 55801331  
Conc: 4.89 ng/ml



#5 Aldrin

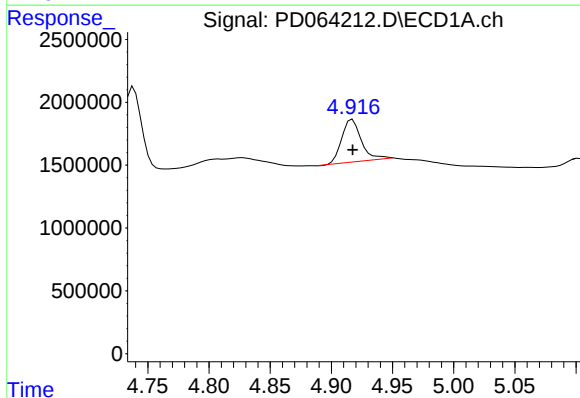
R.T.: 5.560 min  
Delta R.T.: 0.000 min  
Response: 6587943  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



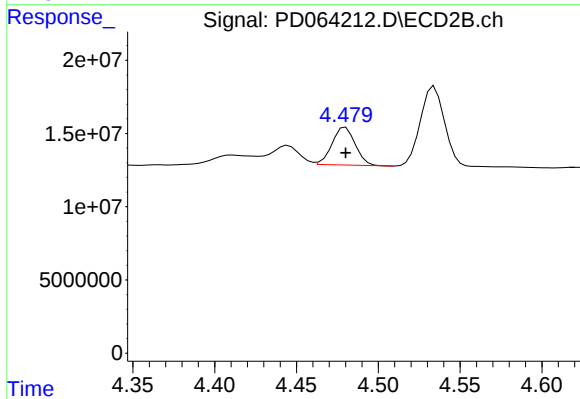
#5 Aldrin

R.T.: 4.782 min  
Delta R.T.: 0.000 min  
Response: 50745402  
Conc: 4.90 ng/ml



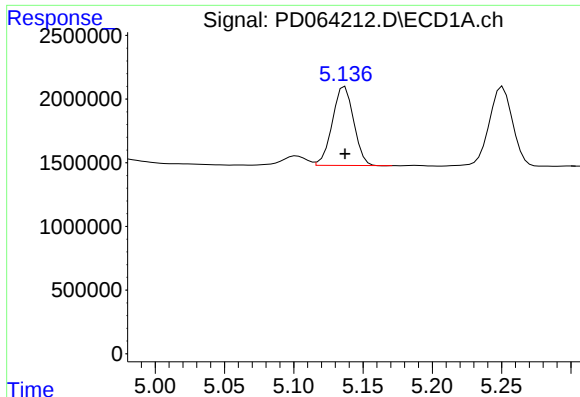
#6 beta-BHC

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 3824052  
Conc: 4.56 ng/ml



#6 beta-BHC

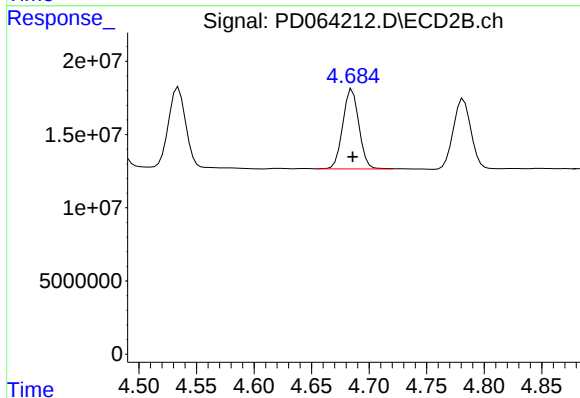
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 25398676  
Conc: 4.67 ng/ml



#7 delta-BHC

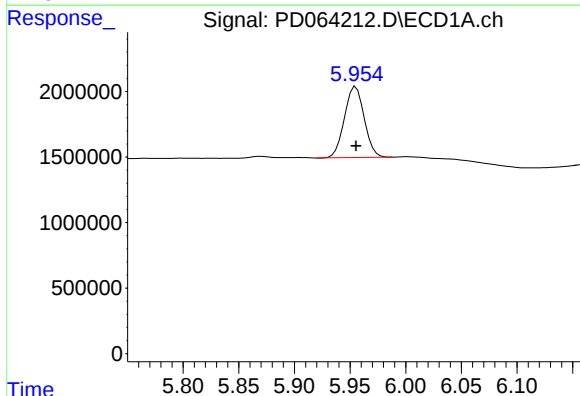
R.T.: 5.137 min  
Delta R.T.: 0.000 min  
Response: 6645632  
Conc: 3.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



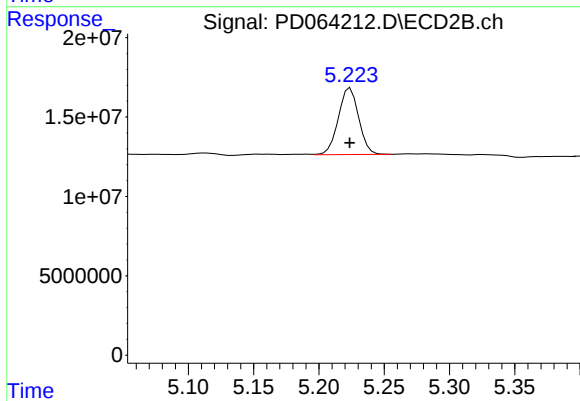
#7 delta-BHC

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 53359601  
Conc: 4.85 ng/ml



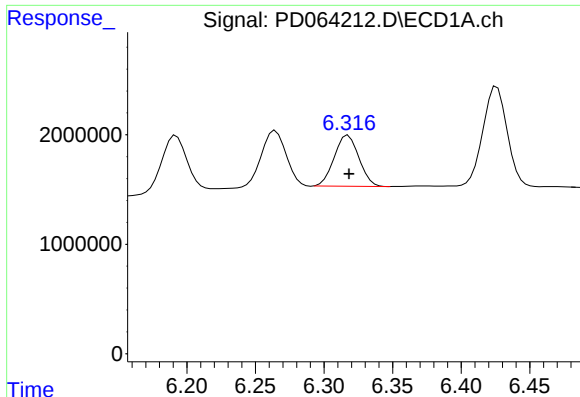
#8 Heptachlor epoxide

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 6694208  
Conc: 4.39 ng/ml



#8 Heptachlor epoxide

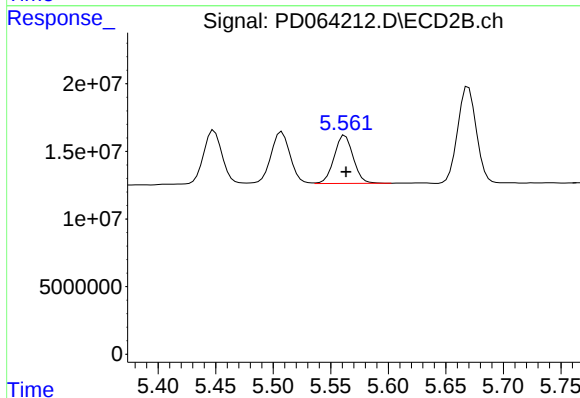
R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 45500347  
Conc: 4.98 ng/ml



#9 Endosulfan I

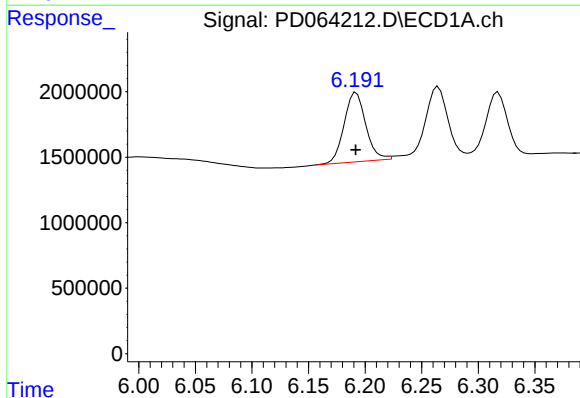
R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 5852236  
Conc: 4.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



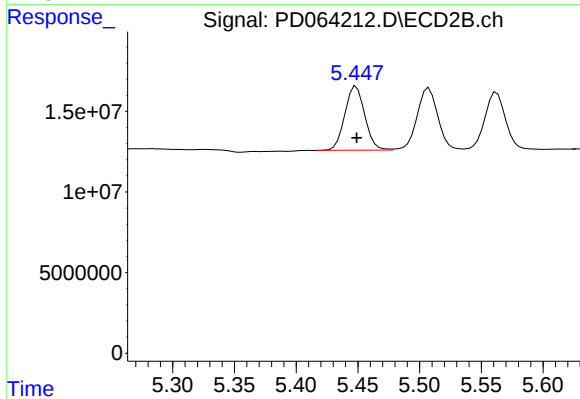
#9 Endosulfan I

R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 41133318  
Conc: 4.86 ng/ml



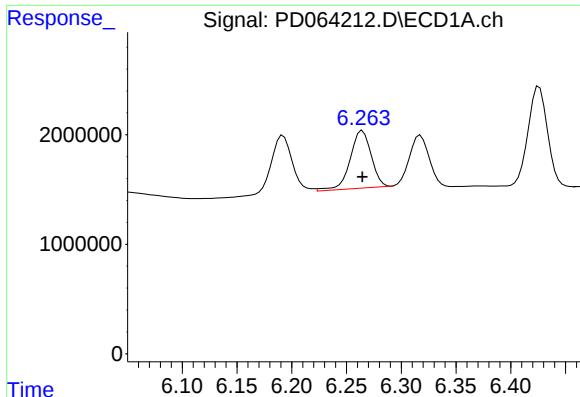
#10 trans-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 7056468  
Conc: 4.46 ng/ml



#10 trans-Chlordane

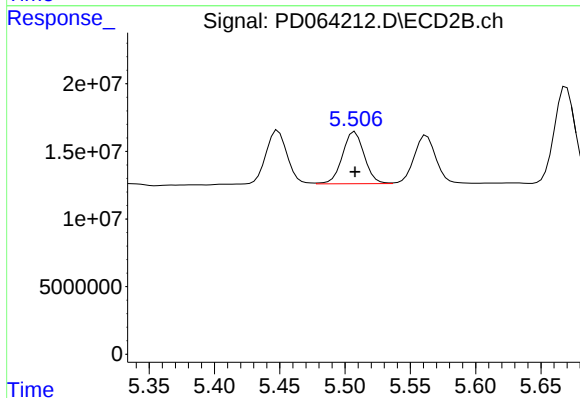
R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 44762896  
Conc: 4.81 ng/ml



#11 cis-Chlordane

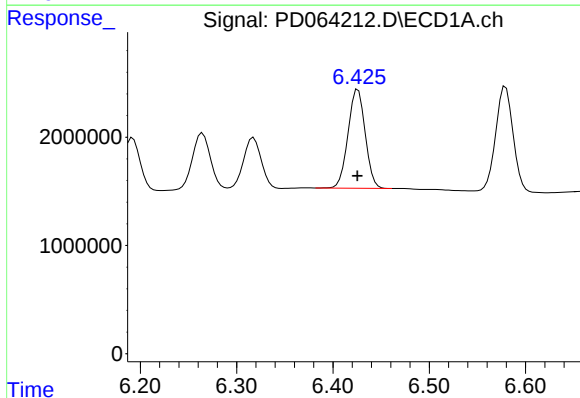
R.T.: 6.265 min  
Delta R.T.: 0.000 min  
Response: 7110343  
Conc: 4.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



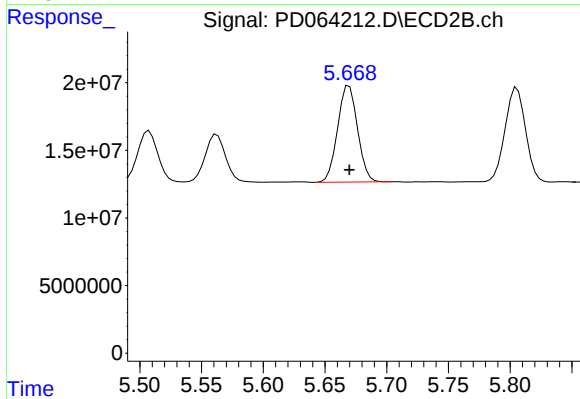
#11 cis-Chlordane

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 44789178  
Conc: 4.95 ng/ml



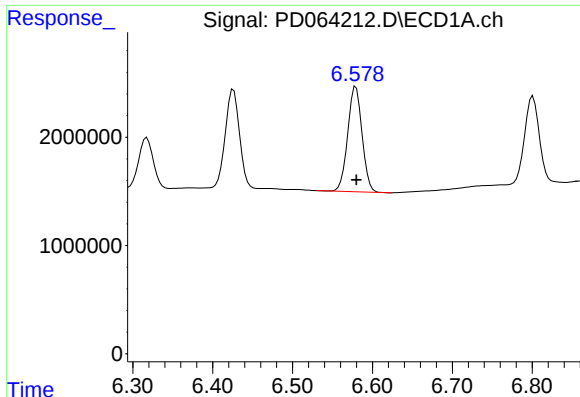
#12 4,4'-DDE

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 11274398  
Conc: 8.14 ng/ml



#12 4,4'-DDE

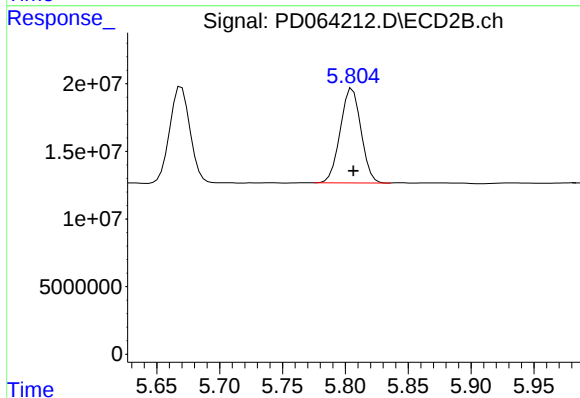
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 80026057  
Conc: 9.55 ng/ml



#13 Dieldrin

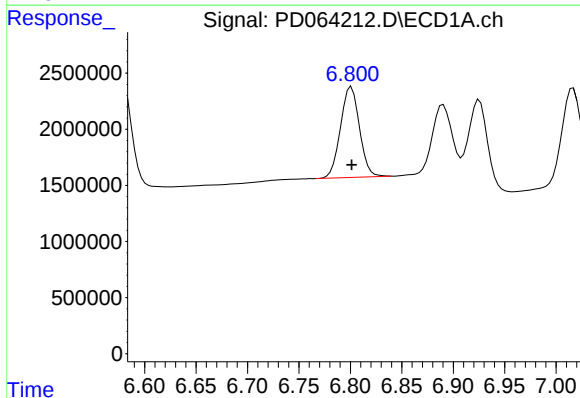
R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 12146170  
Conc: 8.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



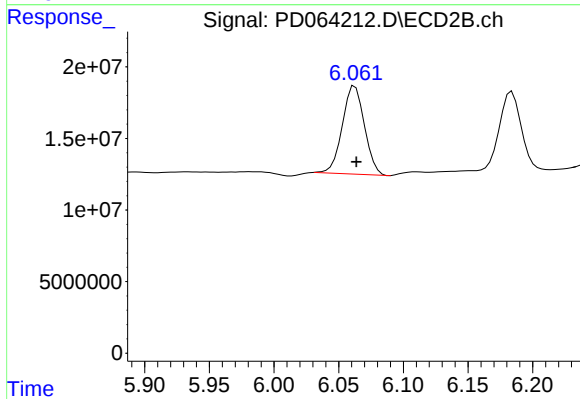
#13 Dieldrin

R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 80281953  
Conc: 9.39 ng/ml



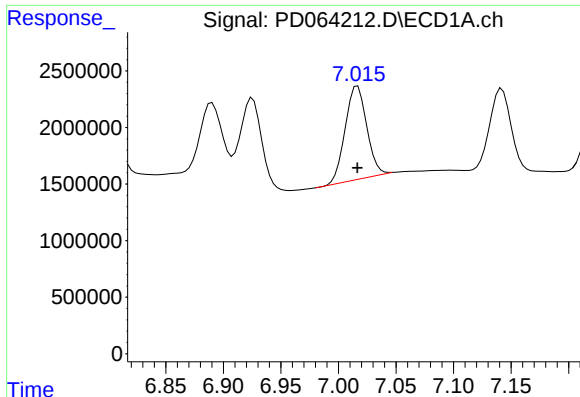
#14 Endrin

R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 10414603  
Conc: 8.82 ng/ml



#14 Endrin

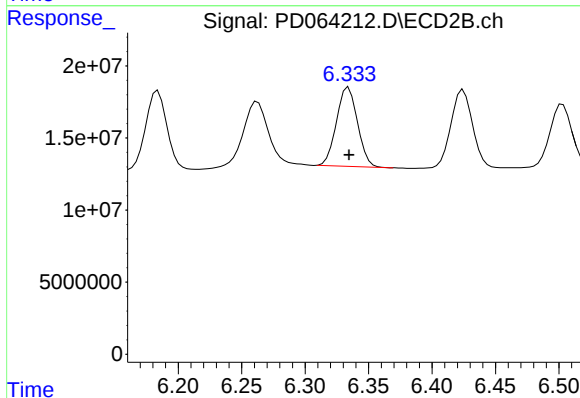
R.T.: 6.063 min  
Delta R.T.: -0.001 min  
Response: 73143047  
Conc: 10.03 ng/ml



#15 Endosulfan II

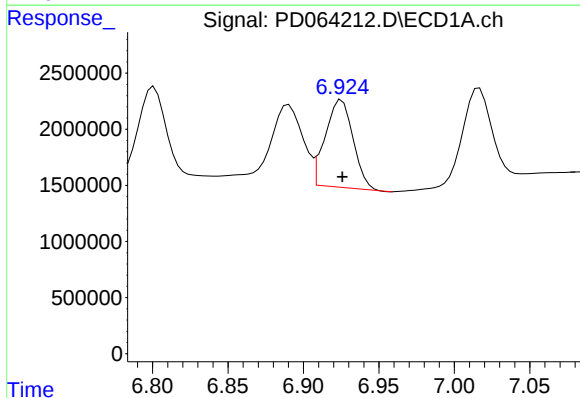
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 10804021  
Conc: 8.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



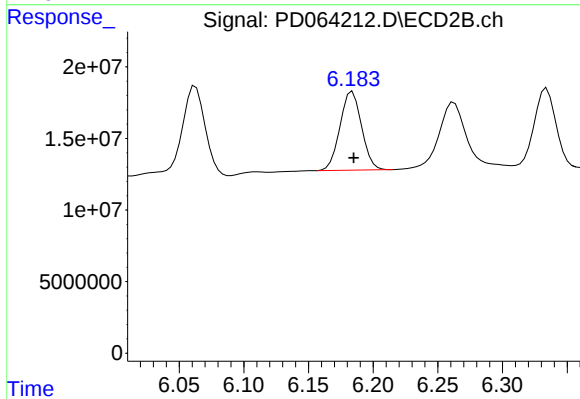
#15 Endosulfan II

R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 63423526  
Conc: 9.75 ng/ml



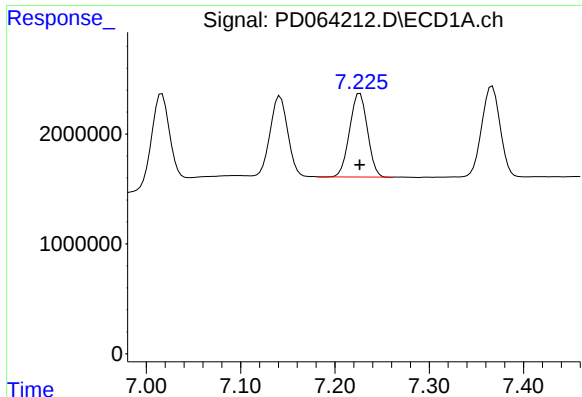
#16 4,4'-DDD

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 9984034  
Conc: 8.77 ng/ml



#16 4,4'-DDD

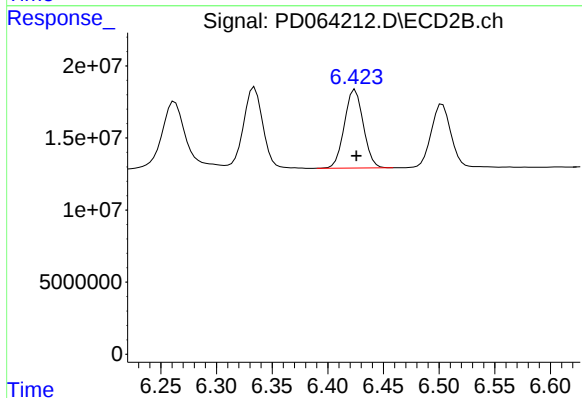
R.T.: 6.184 min  
Delta R.T.: -0.001 min  
Response: 63735894  
Conc: 9.47 ng/ml



#17 4,4'-DDT

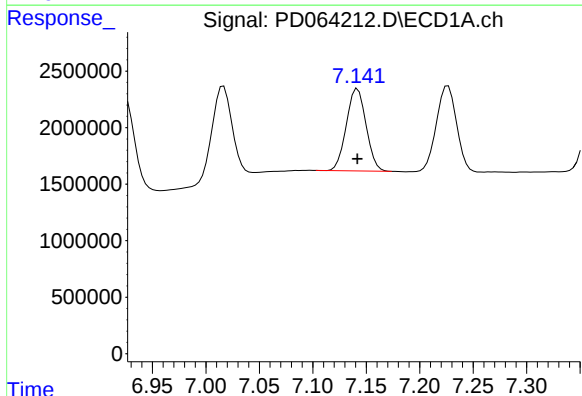
R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 10034385  
Conc: 8.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



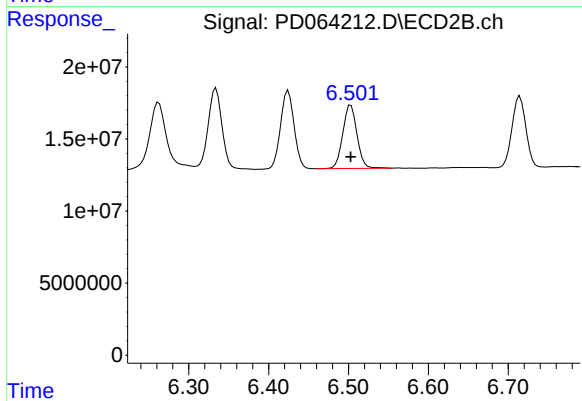
#17 4,4'-DDT

R.T.: 6.425 min  
Delta R.T.: -0.001 min  
Response: 64425270  
Conc: 9.20 ng/ml



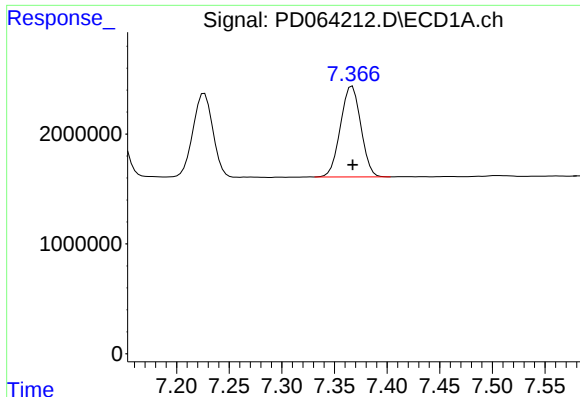
#18 Endrin aldehyde

R.T.: 7.142 min  
Delta R.T.: 0.000 min  
Response: 9359129  
Conc: 9.09 ng/ml



#18 Endrin aldehyde

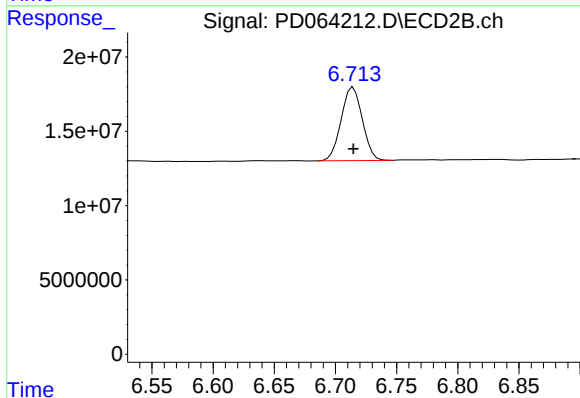
R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 54554755  
Conc: 9.85 ng/ml



#19 Endosulfan Sulfate

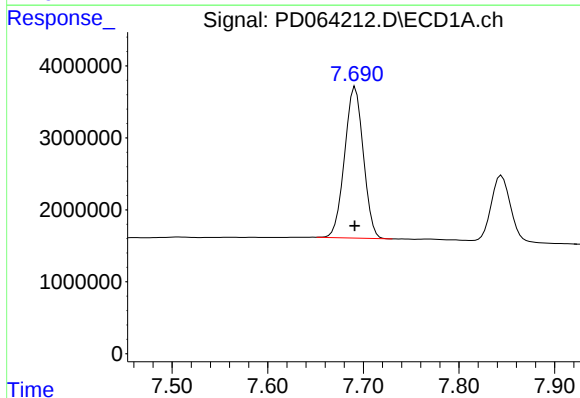
R.T.: 7.367 min  
Delta R.T.: 0.000 min  
Response: 11182044  
Conc: 9.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



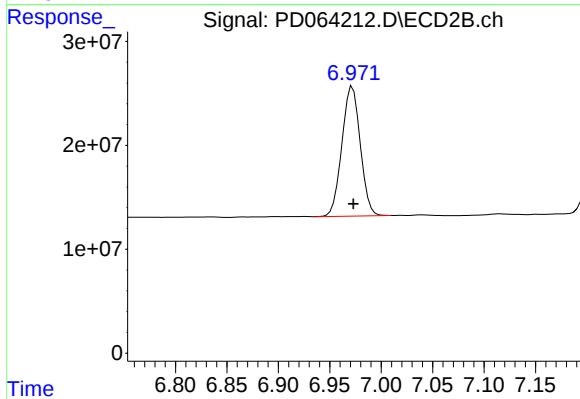
#19 Endosulfan Sulfate

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 59378588  
Conc: 9.64 ng/ml



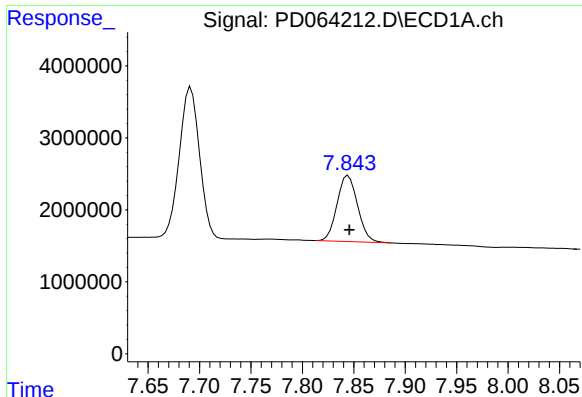
#20 Methoxychlor

R.T.: 7.692 min  
Delta R.T.: 0.000 min  
Response: 28636914  
Conc: 44.63 ng/ml



#20 Methoxychlor

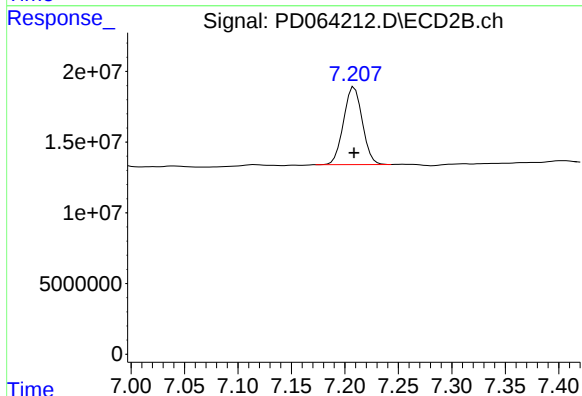
R.T.: 6.972 min  
Delta R.T.: 0.000 min  
Response: 155415017  
Conc: 50.36 ng/ml



#21 Endrin ketone

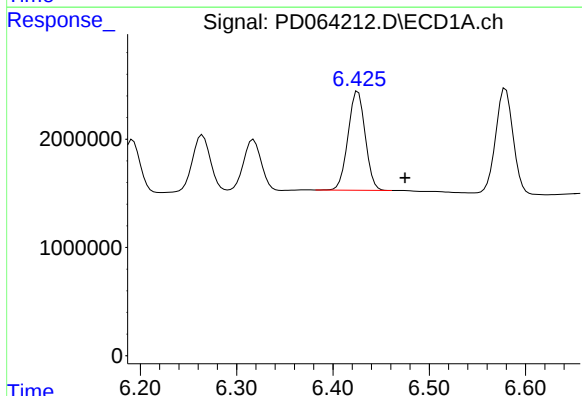
R.T.: 7.845 min  
Delta R.T.: -0.001 min  
Response: 12709706  
Conc: 9.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



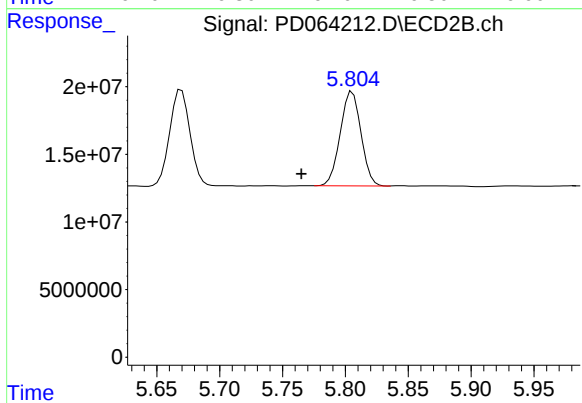
#21 Endrin ketone

R.T.: 7.209 min  
Delta R.T.: 0.000 min  
Response: 67166121  
Conc: 9.91 ng/ml



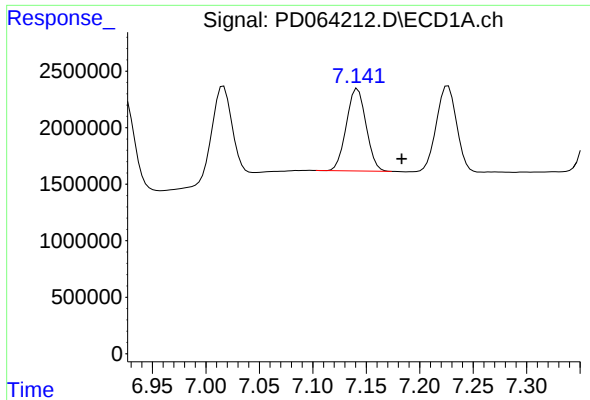
#22 Toxaphene-1

R.T.: 6.426 min  
Delta R.T.: -0.049 min  
Response: 11274398  
Conc: 1555.05 ng/ml



#22 Toxaphene-1

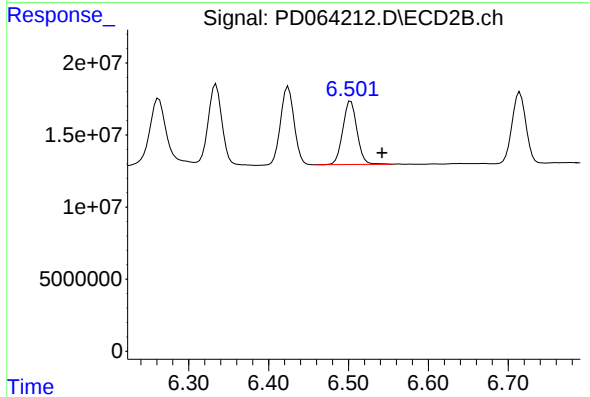
R.T.: 5.806 min  
Delta R.T.: 0.041 min  
Response: 80281953  
Conc: 1514.64 ng/ml



#24 Toxaphene-3

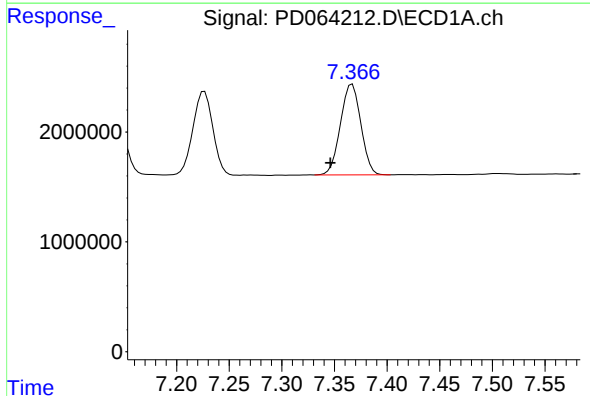
R.T.: 7.142 min  
Delta R.T.: -0.041 min  
Response: 9359129  
Conc: 837.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



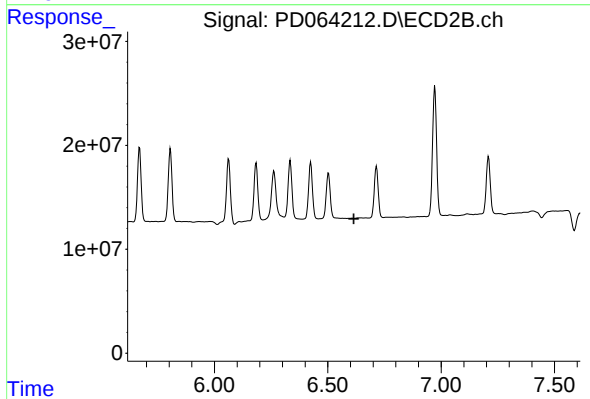
#24 Toxaphene-3

R.T.: 6.503 min  
Delta R.T.: -0.039 min  
Response: 54554755  
Conc: 599.69 ng/ml



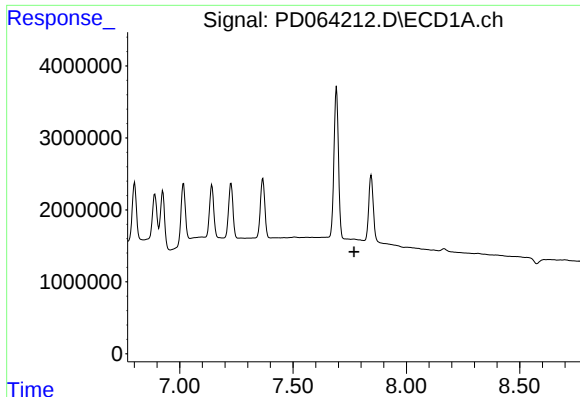
#25 Toxaphene-4

R.T.: 7.367 min  
Delta R.T.: 0.021 min  
Response: 11182044  
Conc: 501.19 ng/ml



#25 Toxaphene-4

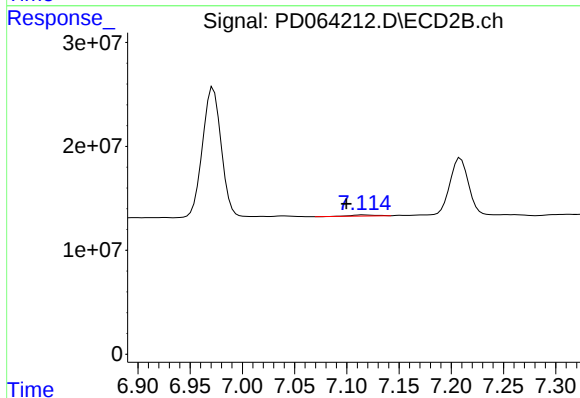
R.T.: 0.000 min  
Exp R.T.: 6.614 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

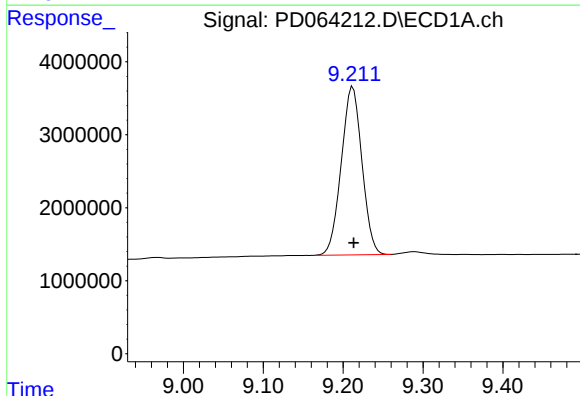
R.T.: 0.000 min  
Exp R.T.: 7.769 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



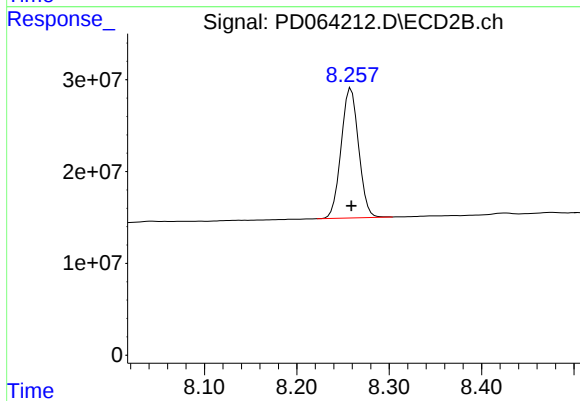
#26 Toxaphene-5

R.T.: 7.116 min  
Delta R.T.: 0.017 min  
Response: 1680168  
Conc: 13.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.212 min  
Delta R.T.: -0.001 min  
Response: 41449635  
Conc: 39.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.259 min  
Delta R.T.: 0.000 min  
Response: 186082661  
Conc: 35.69 ng/ml