

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
 Data File : PD062626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2021 14:05  
 Operator : AR\AJ  
 Sample : M2177-07  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 23:16:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 30 02:49:51 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

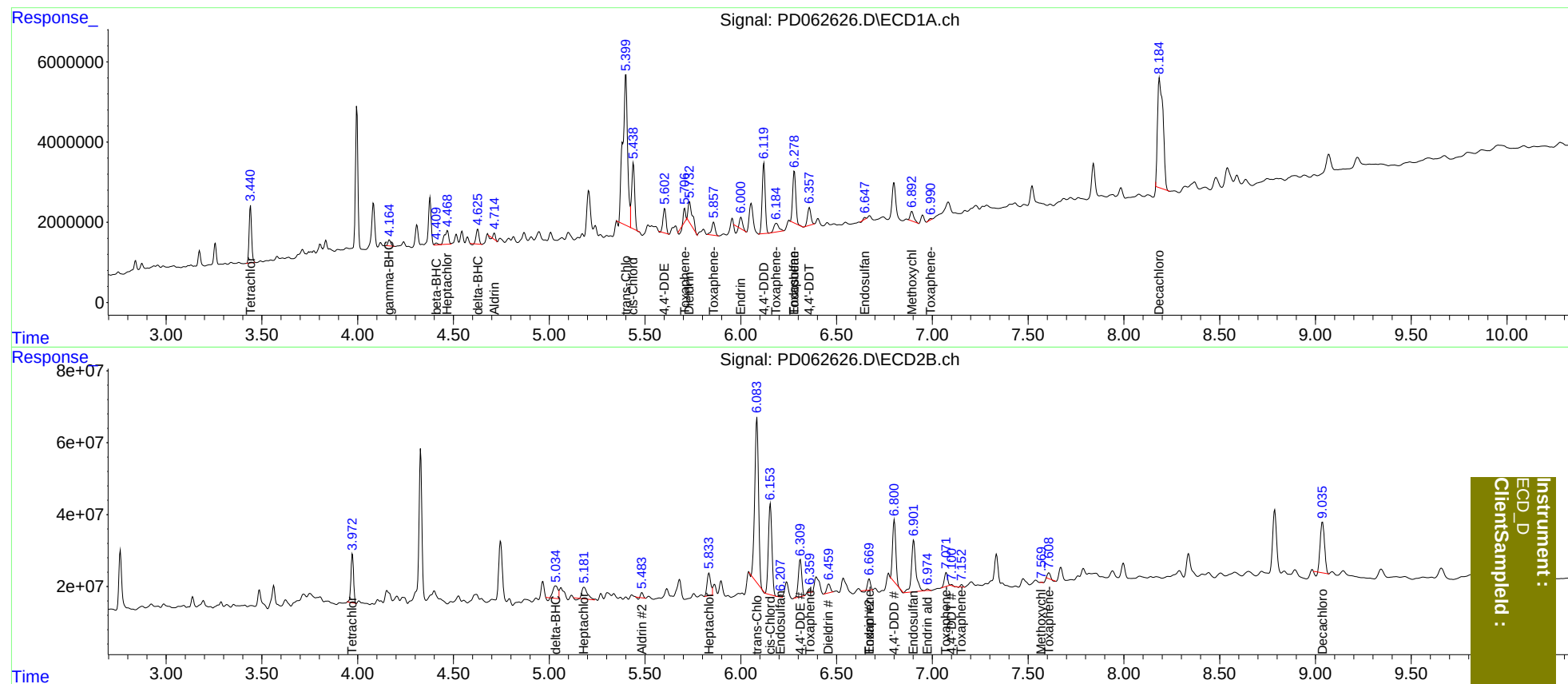
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|-----------|
| -----                       |                 |       |        |          |          |         |           |
| System Monitoring Compounds |                 |       |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.441 | 3.973  | 12712848 | 129.1E6  | 13.279  | 10.631    |
| 27)                         | SA Decachlor... | 8.186 | 9.037  | 54429401 | 213.5E6  | 50.708  | 19.564 #  |
| Target Compounds            |                 |       |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 4.166 | 4.646  | 1519699  | -2176758 | 1.138   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.469 | 5.182f | 5200259  | 62147291 | 4.050   | 3.571     |
| 5)                          | MB Aldrin       | 4.714 | 5.484f | 997139   | 10317776 | 0.766   | 0.596     |
| 7)                          | B delta-BHC     | 4.627 | 5.034  | 3707031  | 57998382 | 2.724   | 3.126     |
| 8)                          | B Heptachlo...  | 5.151 | 5.834  | -127055  | 80978788 | N.D.    | 5.049     |
| 10)                         | B trans-Chl...  | 5.400 | 6.084  | 65859789 | 633.9E6  | 52.534  | 38.708 #  |
| 11)                         | B cis-Chlor...  | 5.439 | 6.154  | 18112502 | 326.2E6  | 14.750  | 21.015 #  |
| 12)                         | B 4,4'-DDE      | 5.603 | 6.311  | 6732439  | 126.8E6  | 5.440   | 8.090 #   |
| 13)                         | MA Dieldrin     | 5.733 | 6.460  | 8391821  | 31176722 | 6.657   | 2.011 #   |
| 14)                         | MA Endrin       | 6.001 | 6.671  | 2068115  | 28493179 | 1.955   | 2.285     |
| 15)                         | B Endosulfa...  | 6.280 | 6.903  | 14470252 | 229.3E6  | 13.952  | 18.326 #  |
| 16)                         | A 4,4'-DDD      | 6.121 | 6.802  | 19257044 | 204.2E6  | 19.339  | 16.428    |
| 17)                         | MA 4,4'-DDT     | 6.358 | 7.101  | 5383457  | 2506393  | 5.748   | 0.211 #   |
| 18)                         | B Endrin al...  | 6.452 | 6.975  | -74198   | 4600395  | N.D.    | 0.422     |
| 19)                         | B Endosulfa...  | 6.648 | 7.239  | 204933   | 1173820  | 0.205   | <MDL #    |
| 20)                         | A Methoxychlor  | 6.893 | 7.570  | 3174860  | 641973   | 5.950   | 0.113 #   |
| 22)                         | Toxaphene-1     | 5.707 | 6.360  | 1548557  | 9257581  | 207.739 | 139.334 # |
| 23)                         | Toxaphene-2     | 5.859 | 6.671  | 4149180  | 28493179 | 563.781 | 342.139 # |
| 24)                         | Toxaphene-3     | 6.186 | 7.073  | 3903172  | 45261610 | 475.005 | 410.554   |
| 25)                         | Toxaphene-4     | 6.280 | 7.153  | 14470252 | 4926240  | 751.346 | 15.472 #  |
| 26)                         | Toxaphene-5     | 6.992 | 7.609  | 279252   | 16793601 | 13.008  | 124.488 # |
| -----                       |                 |       |        |          |          |         |           |

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

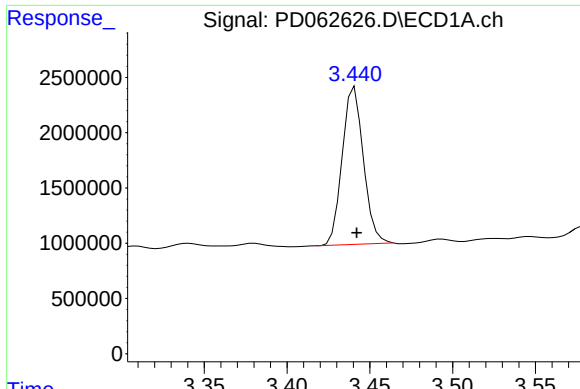
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 14:05  
Operator : AR\AJ  
Sample : M2177-07  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:16:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 30 02:49:51 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



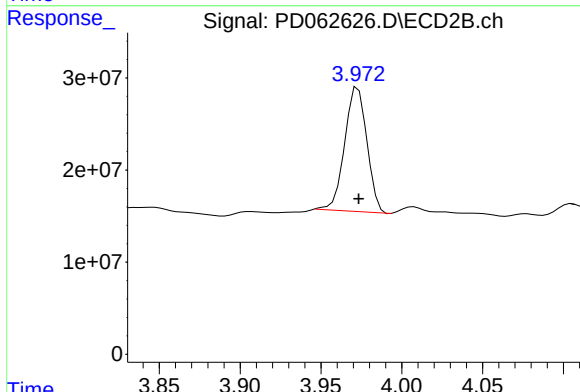
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

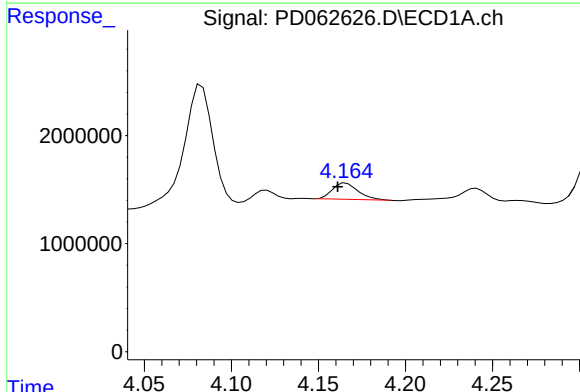
R.T.: 3.441 min  
Delta R.T.: -0.001 min  
Response: 12712848  
Conc: 13.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



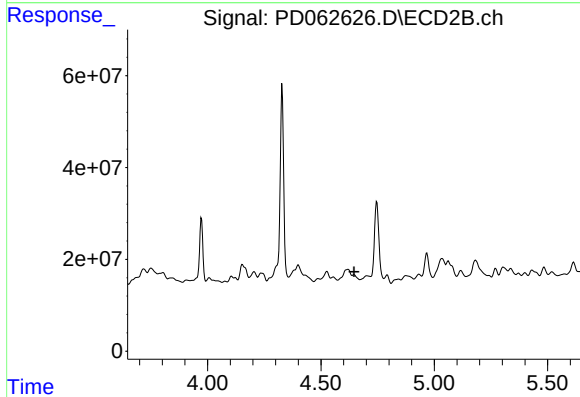
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: 0.000 min  
Response: 129091480  
Conc: 10.63 ng/ml



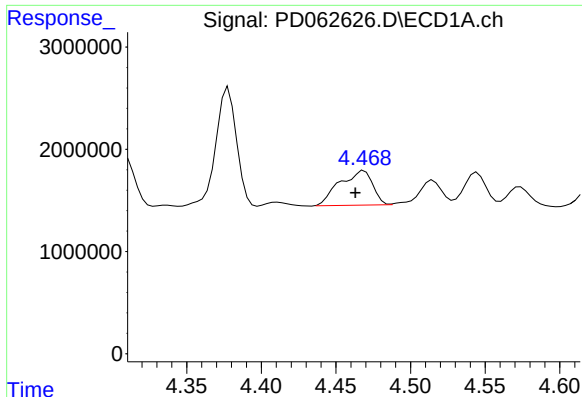
#3 gamma-BHC (Lindane)

R.T.: 4.166 min  
Delta R.T.: 0.005 min  
Response: 1519699  
Conc: 1.14 ng/ml



#3 gamma-BHC (Lindane)

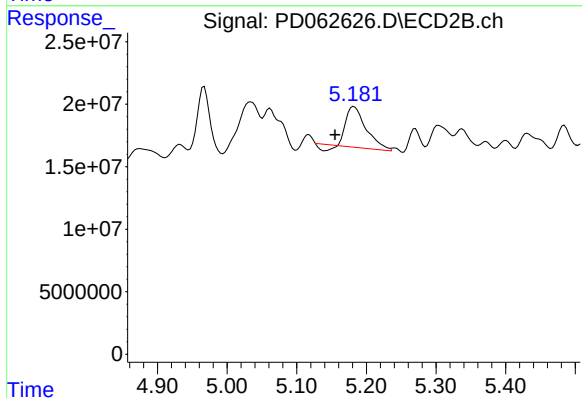
R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: -2176758  
Conc: N.D.



#4 Heptachlor

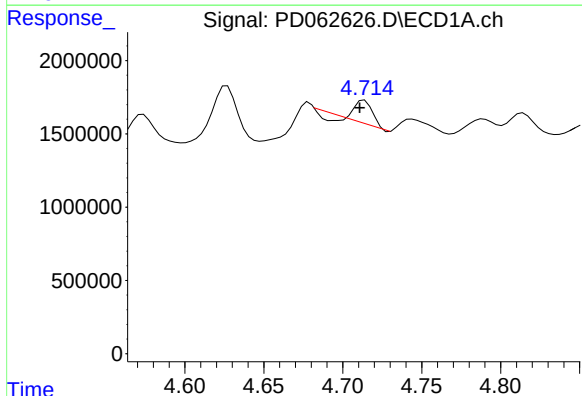
R.T.: 4.469 min  
Delta R.T.: 0.006 min  
Response: 5200259  
Conc: 4.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



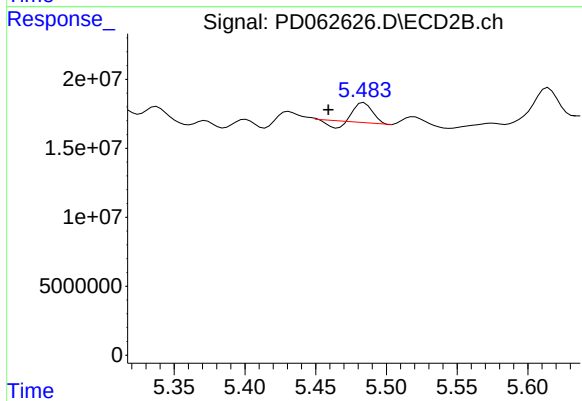
#4 Heptachlor

R.T.: 5.182 min  
Delta R.T.: 0.027 min  
Response: 62147291  
Conc: 3.57 ng/ml



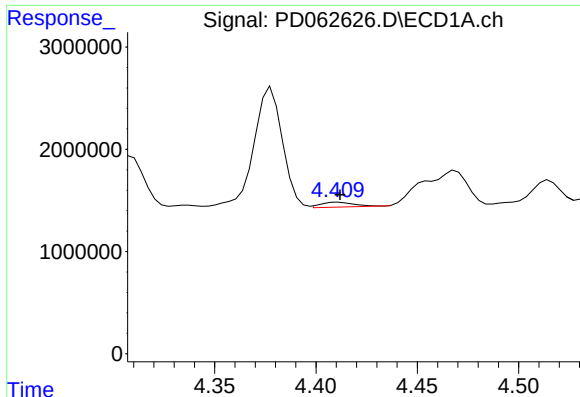
#5 Aldrin

R.T.: 4.714 min  
Delta R.T.: 0.003 min  
Response: 997139  
Conc: 0.77 ng/ml



#5 Aldrin

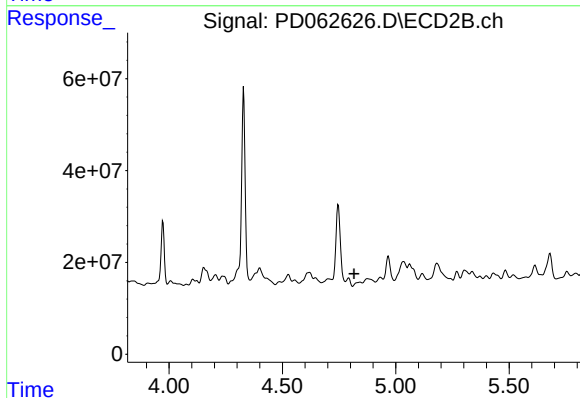
R.T.: 5.484 min  
Delta R.T.: 0.025 min  
Response: 10317776  
Conc: 0.60 ng/ml



#6 beta-BHC

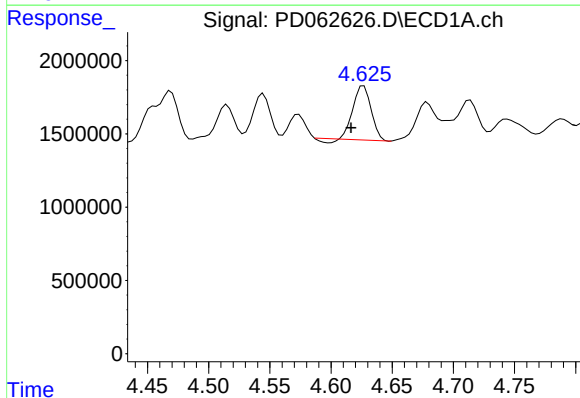
R.T.: 4.411 min  
Delta R.T.: -0.001 min  
Response: 566211  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



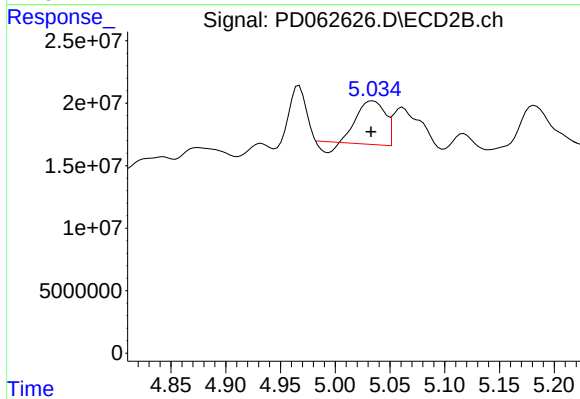
#6 beta-BHC

R.T.: 4.843 min  
Delta R.T.: 0.027 min  
Response: -10335497  
Conc: N.D.



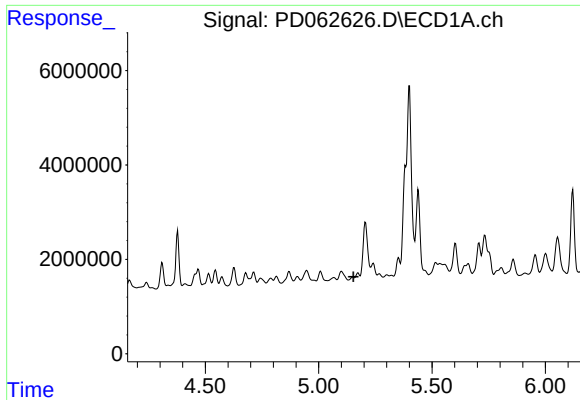
#7 delta-BHC

R.T.: 4.627 min  
Delta R.T.: 0.010 min  
Response: 3707031  
Conc: 2.72 ng/ml



#7 delta-BHC

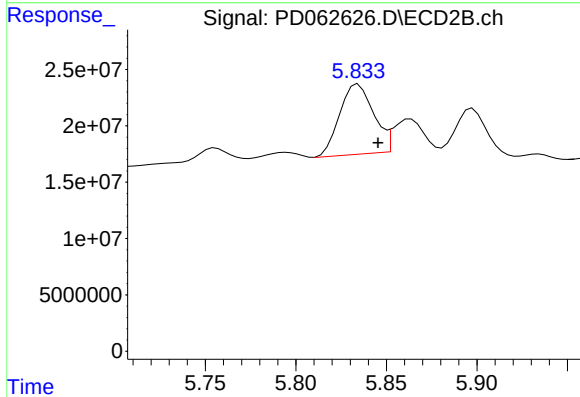
R.T.: 5.034 min  
Delta R.T.: 0.002 min  
Response: 57998382  
Conc: 3.13 ng/ml



#8 Heptachlor epoxide

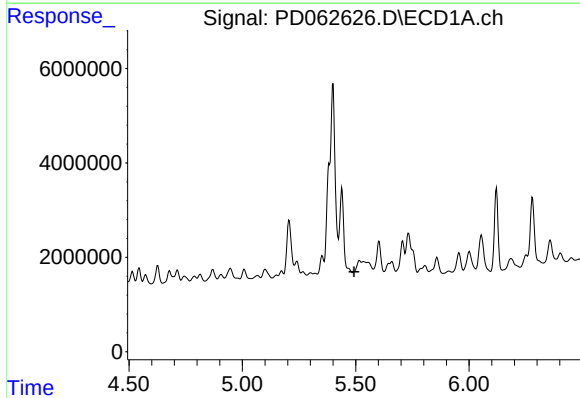
R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: -127055  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



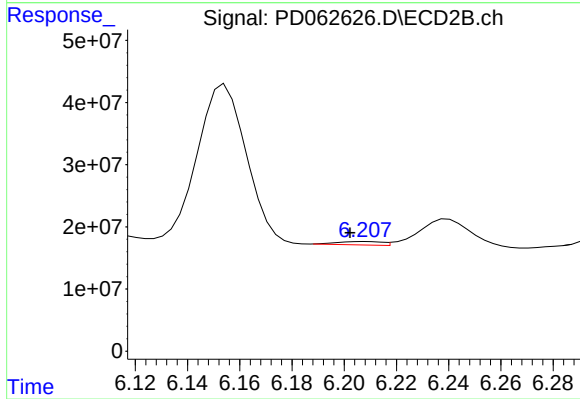
#8 Heptachlor epoxide

R.T.: 5.834 min  
Delta R.T.: -0.011 min  
Response: 80978788  
Conc: 5.05 ng/ml



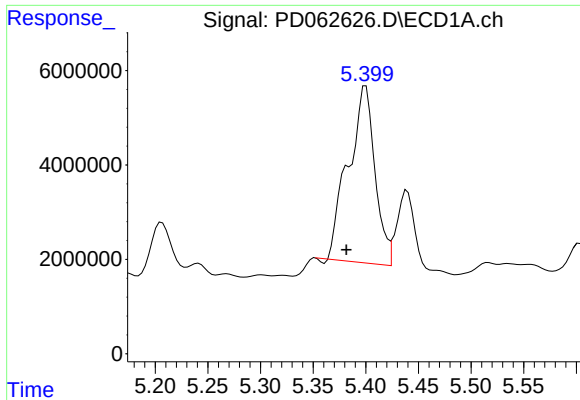
#9 Endosulfan I

R.T.: 5.517 min  
Delta R.T.: 0.023 min  
Response: -1153099  
Conc: N.D.



#9 Endosulfan I

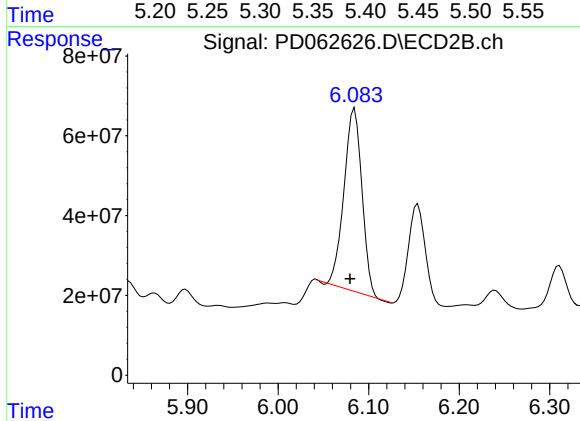
R.T.: 6.208 min  
Delta R.T.: 0.006 min  
Response: 6621567  
Conc: 0.45 ng/ml



#10 trans-Chlordane

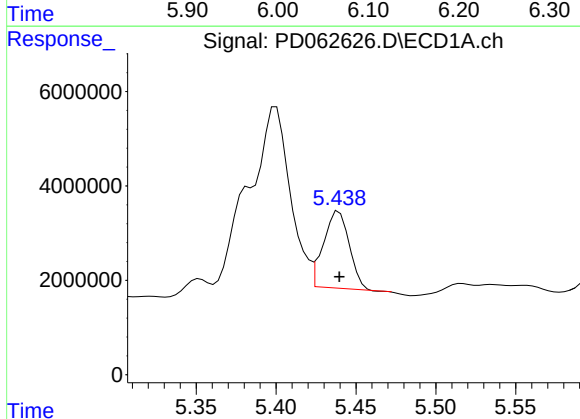
R.T.: 5.400 min  
Delta R.T.: 0.018 min  
Response: 65859789  
Conc: 52.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



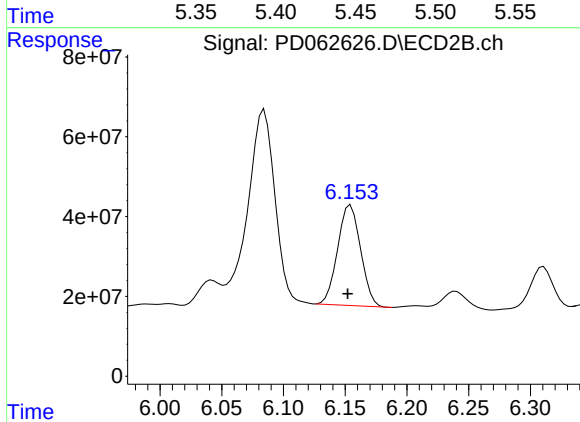
#10 trans-Chlordane

R.T.: 6.084 min  
Delta R.T.: 0.005 min  
Response: 633932752  
Conc: 38.71 ng/ml



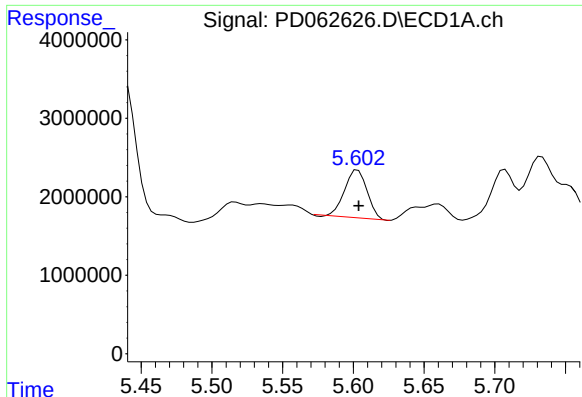
#11 cis-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 18112502  
Conc: 14.75 ng/ml



#11 cis-Chlordane

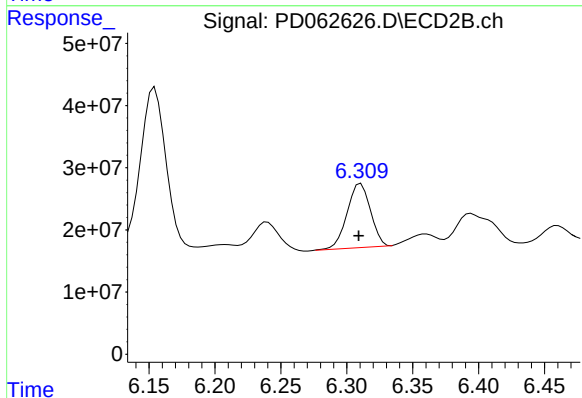
R.T.: 6.154 min  
Delta R.T.: 0.002 min  
Response: 326197587  
Conc: 21.01 ng/ml



#12 4,4'-DDE

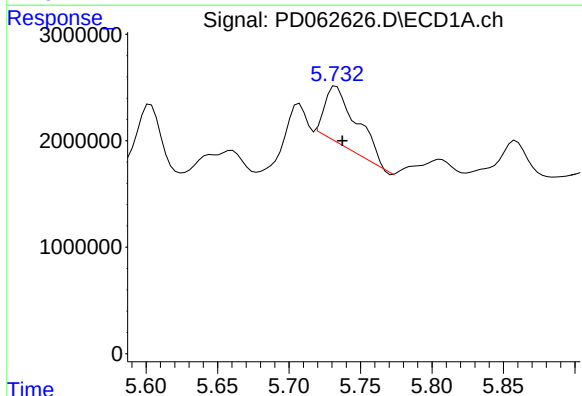
R.T.: 5.603 min  
Delta R.T.: 0.000 min  
Response: 6732439  
Conc: 5.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



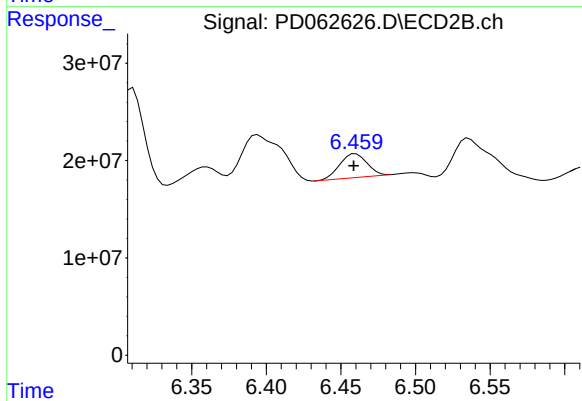
#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 126762248  
Conc: 8.09 ng/ml



#13 Dieldrin

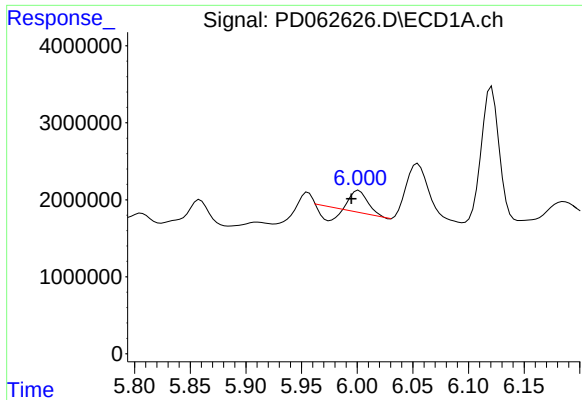
R.T.: 5.733 min  
Delta R.T.: -0.004 min  
Response: 8391821  
Conc: 6.66 ng/ml



#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: 0.001 min  
Response: 31176722  
Conc: 2.01 ng/ml

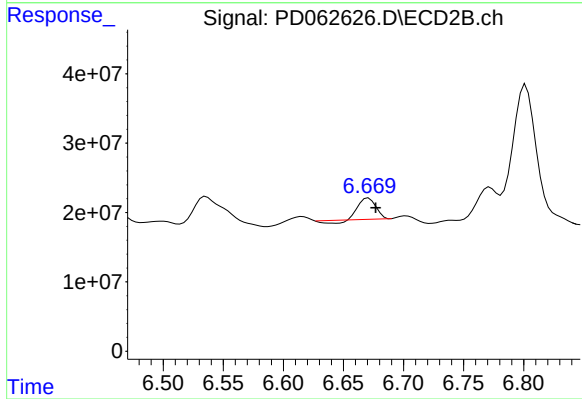




#14 Endrin

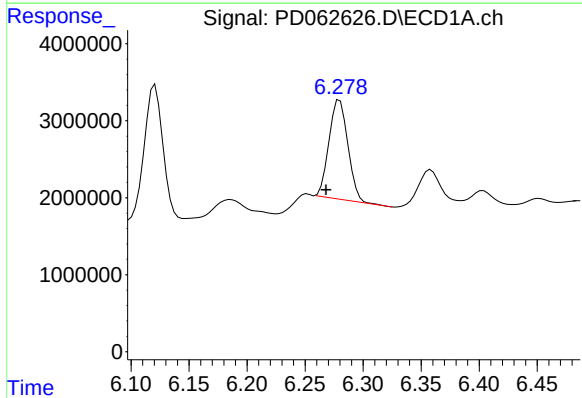
R.T.: 6.001 min  
Delta R.T.: 0.007 min  
Response: 2068115  
Conc: 1.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



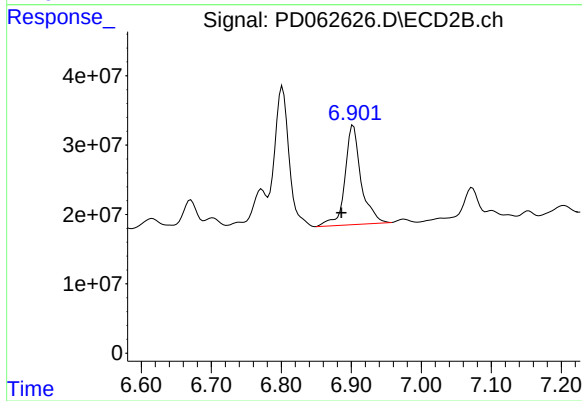
#14 Endrin

R.T.: 6.671 min  
Delta R.T.: -0.006 min  
Response: 28493179  
Conc: 2.28 ng/ml



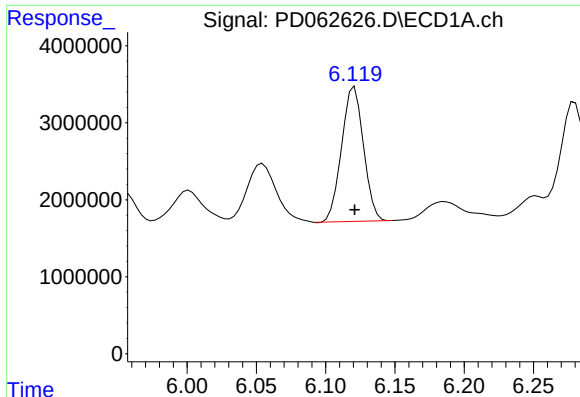
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: 0.012 min  
Response: 14470252  
Conc: 13.95 ng/ml



#15 Endosulfan II

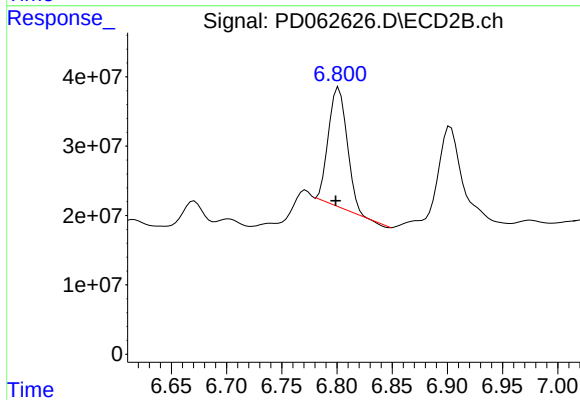
R.T.: 6.903 min  
Delta R.T.: 0.017 min  
Response: 229345358  
Conc: 18.33 ng/ml



#16 4,4'-DDD

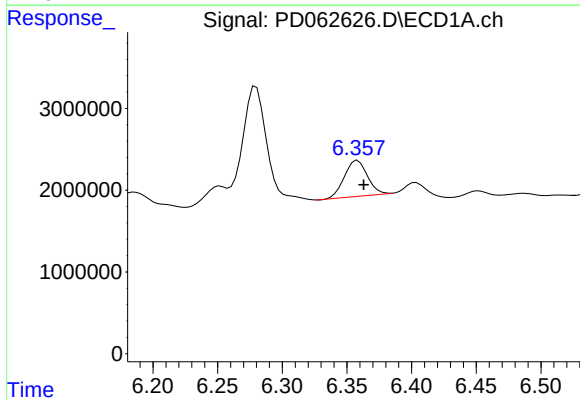
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 19257044  
Conc: 19.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



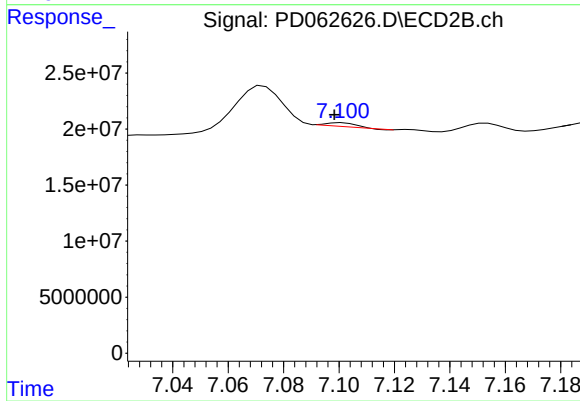
#16 4,4'-DDD

R.T.: 6.802 min  
Delta R.T.: 0.003 min  
Response: 204175995  
Conc: 16.43 ng/ml



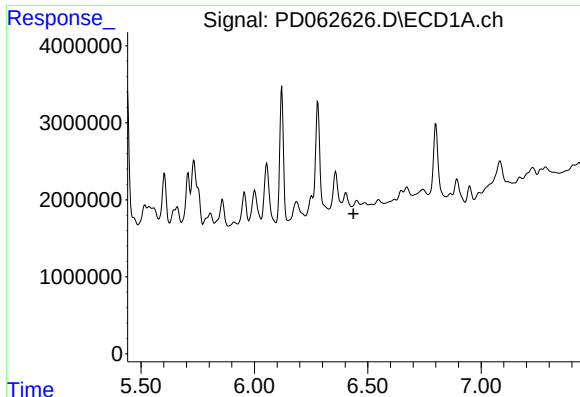
#17 4,4'-DDT

R.T.: 6.358 min  
Delta R.T.: -0.005 min  
Response: 5383457  
Conc: 5.75 ng/ml



#17 4,4'-DDT

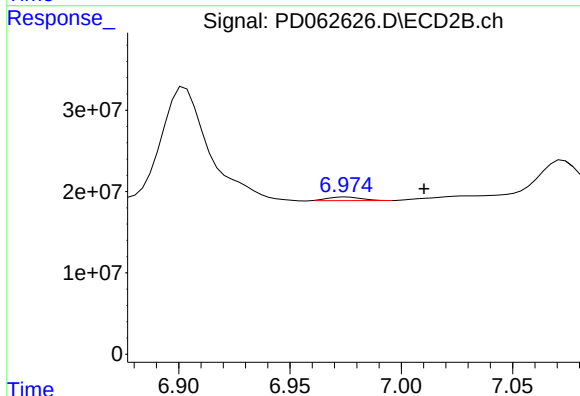
R.T.: 7.101 min  
Delta R.T.: 0.003 min  
Response: 2506393  
Conc: 0.21 ng/ml



#18 Endrin aldehyde

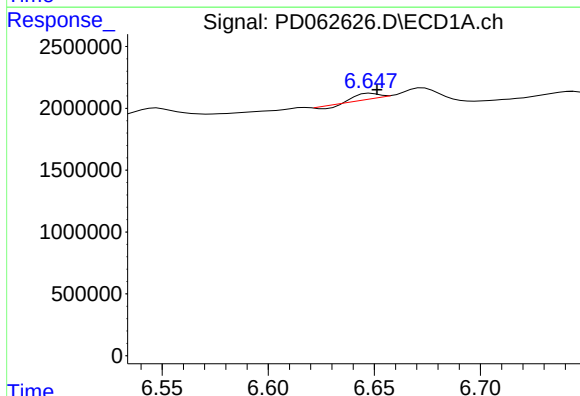
R.T.: 6.452 min  
Delta R.T.: 0.014 min  
Response: -74198  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



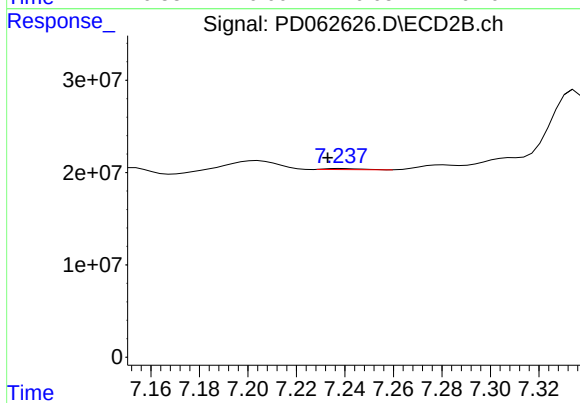
#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: -0.035 min  
Response: 4600395  
Conc: 0.42 ng/ml



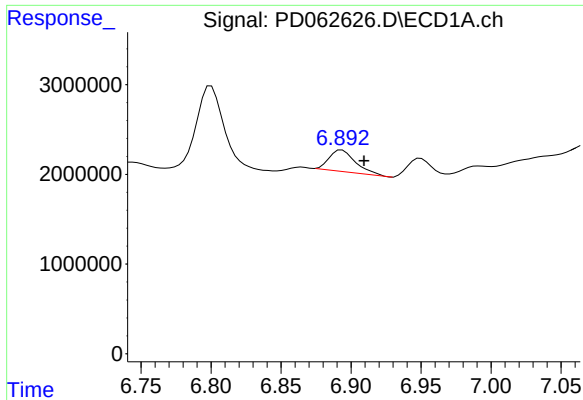
#19 Endosulfan Sulfate

R.T.: 6.648 min  
Delta R.T.: -0.003 min  
Response: 204933  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

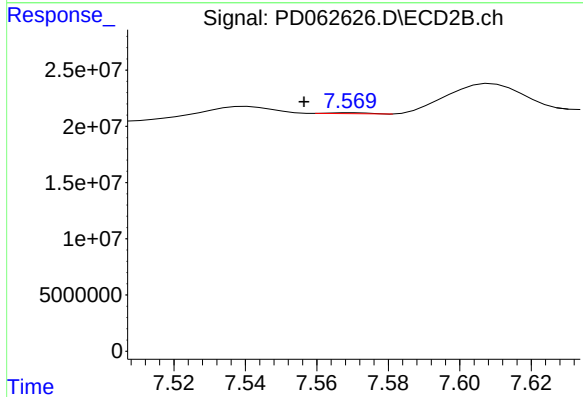
R.T.: 7.239 min  
Delta R.T.: 0.006 min  
Response: 1173820  
Conc: N.D.



#20 Methoxychlor

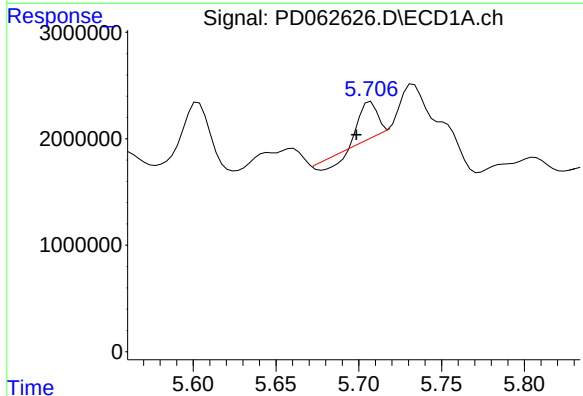
R.T.: 6.893 min  
Delta R.T.: -0.016 min  
Response: 3174860  
Conc: 5.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



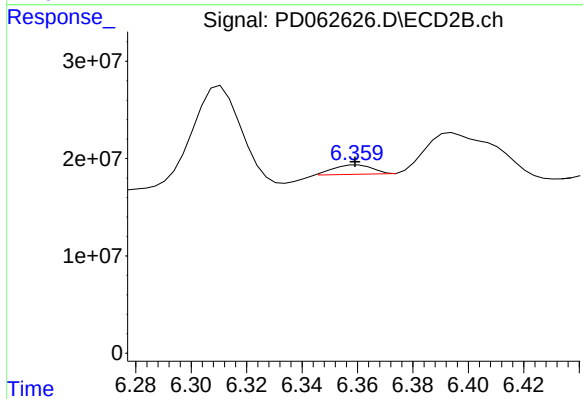
#20 Methoxychlor

R.T.: 7.570 min  
Delta R.T.: 0.014 min  
Response: 641973  
Conc: 0.11 ng/ml



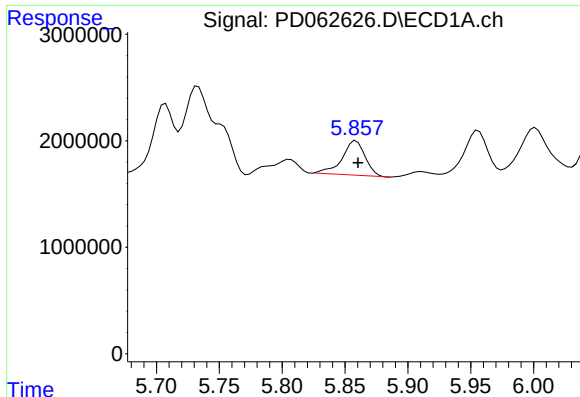
#22 Toxaphene-1

R.T.: 5.707 min  
Delta R.T.: 0.009 min  
Response: 1548557  
Conc: 207.74 ng/ml



#22 Toxaphene-1

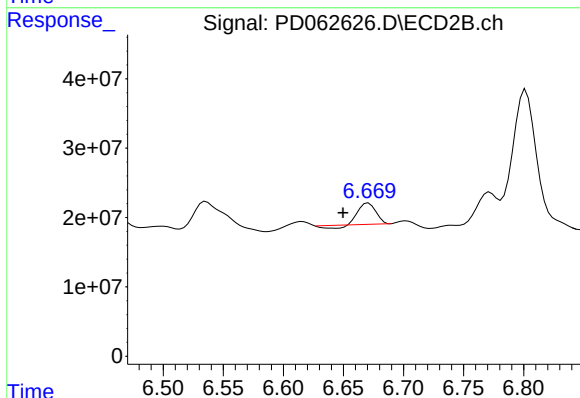
R.T.: 6.360 min  
Delta R.T.: 0.001 min  
Response: 9257581  
Conc: 139.33 ng/ml



#23 Toxaphene-2

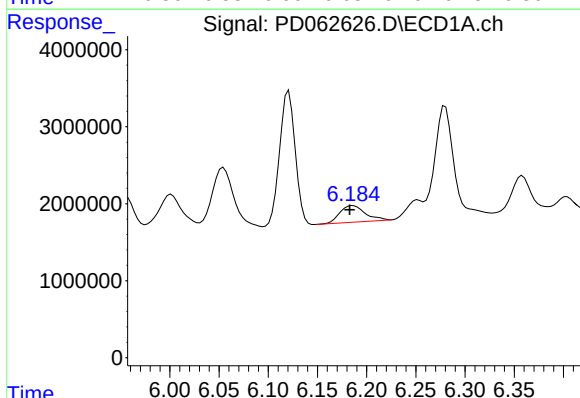
R.T.: 5.859 min  
Delta R.T.: -0.002 min  
Response: 4149180  
Conc: 563.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



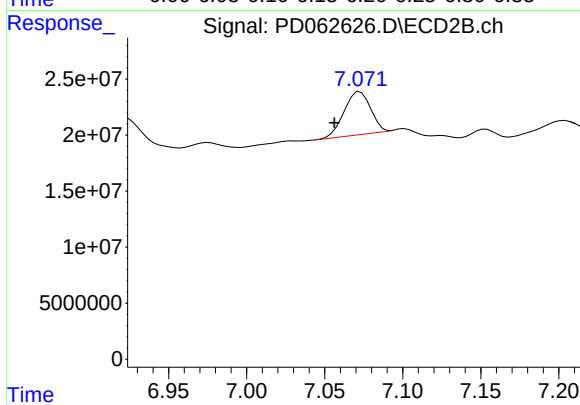
#23 Toxaphene-2

R.T.: 6.671 min  
Delta R.T.: 0.021 min  
Response: 28493179  
Conc: 342.14 ng/ml



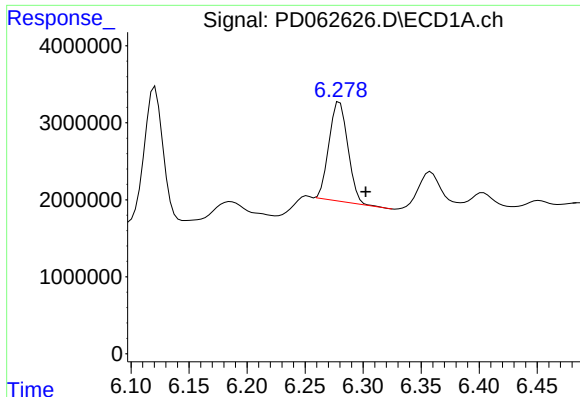
#24 Toxaphene-3

R.T.: 6.186 min  
Delta R.T.: 0.003 min  
Response: 3903172  
Conc: 475.01 ng/ml



#24 Toxaphene-3

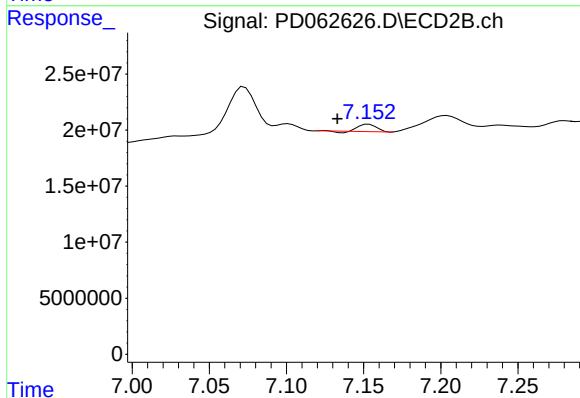
R.T.: 7.073 min  
Delta R.T.: 0.017 min  
Response: 45261610  
Conc: 410.55 ng/ml



#25 Toxaphene-4

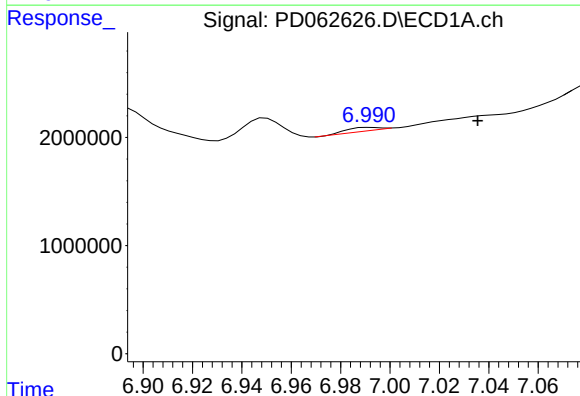
R.T.: 6.280 min  
Delta R.T.: -0.022 min  
Response: 14470252  
Conc: 751.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



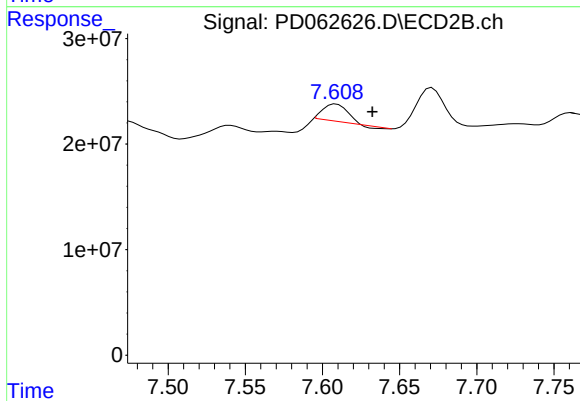
#25 Toxaphene-4

R.T.: 7.153 min  
Delta R.T.: 0.020 min  
Response: 4926240  
Conc: 15.47 ng/ml



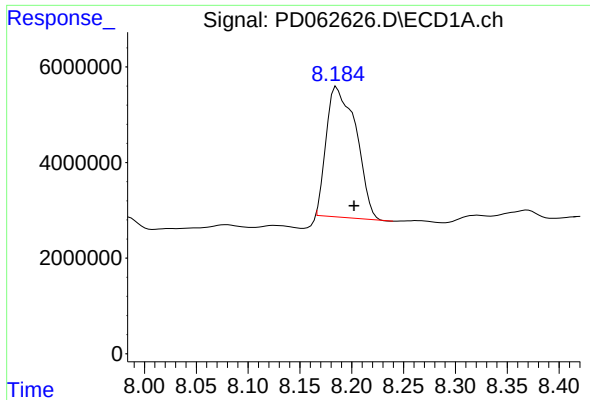
#26 Toxaphene-5

R.T.: 6.992 min  
Delta R.T.: -0.043 min  
Response: 279252  
Conc: 13.01 ng/ml



#26 Toxaphene-5

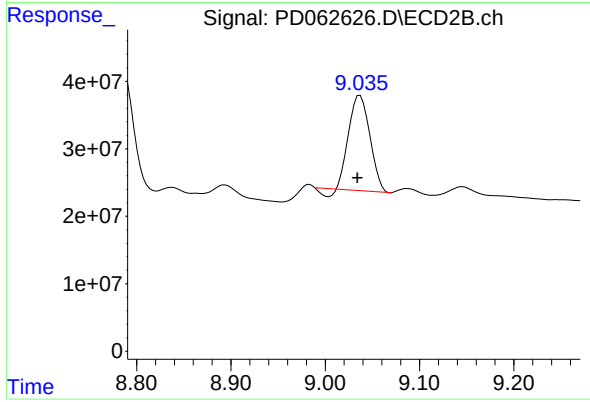
R.T.: 7.609 min  
Delta R.T.: -0.023 min  
Response: 16793601  
Conc: 124.49 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.186 min  
Delta R.T.: -0.017 min  
Response: 54429401  
Conc: 50.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.003 min  
Response: 213542231  
Conc: 19.56 ng/ml