

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031422\  
 Data File : PD0684567.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2022 18:22  
 Operator : AR\AJ  
 Sample : PB143279BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 07:18:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031322CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 07:24:04 2022  
 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

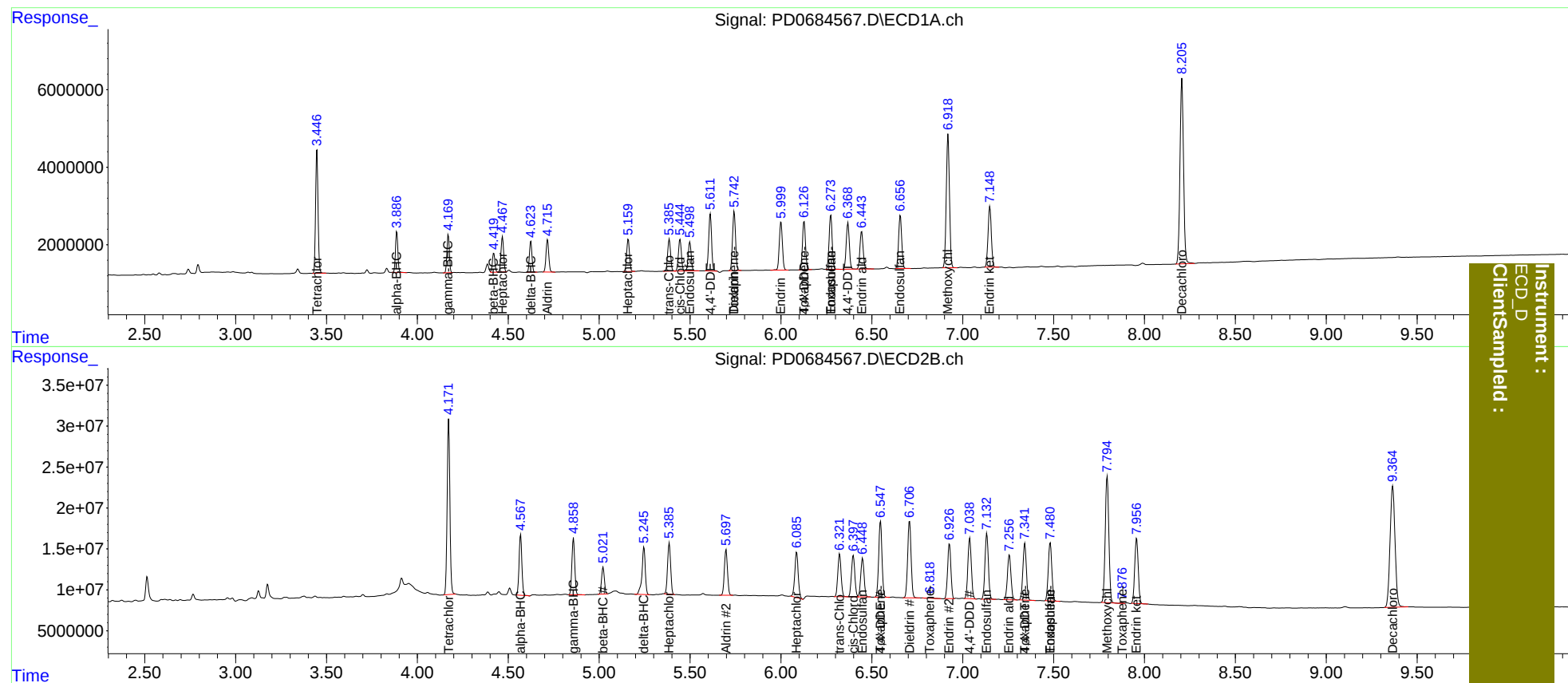
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.448  | 4.172  | 29908067 | 223.5E6  | 21.963   | 20.421     |
| 27)                         | SA Decachlor... | 8.206  | 9.366  | 64602205 | 281.2E6  | 46.458   | 44.591     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.887  | 4.568  | 9550508  | 79016310 | 4.989    | 5.054      |
| 3)                          | MA gamma-BHC... | 4.170  | 4.859  | 9027756  | 75234271 | 4.973    | 5.189      |
| 4)                          | MA Heptachlor   | 4.469  | 5.386  | 9167629  | 73612199 | 5.118    | 5.348      |
| 5)                          | MB Aldrin       | 4.716  | 5.698  | 8709040  | 66397695 | 4.952    | 4.920      |
| 6)                          | B beta-BHC      | 4.421  | 5.022  | 4749640  | 35304382 | 5.700    | 5.528      |
| 7)                          | B delta-BHC     | 4.624  | 5.247  | 7763926  | 72742130 | 4.391    | 5.139      |
| 8)                          | B Heptachlo...  | 5.160  | 6.087  | 9056271  | 72603711 | 5.576    | 6.028      |
| 9)                          | A Endosulfan I  | 5.499  | 6.450  | 8493966  | 59984327 | 5.517    | 5.512      |
| 10)                         | B trans-Chl...  | 5.386  | 6.323  | 9334085  | 65737305 | 5.593    | 5.527      |
| 11)                         | B cis-Chlor...  | 5.445  | 6.398  | 9335055  | 65453419 | 5.687    | 5.707      |
| 12)                         | B 4,4'-DDE      | 5.612  | 6.548  | 16438445 | 116.6E6  | 11.051   | 11.416     |
| 13)                         | MA Dieldrin     | 5.743  | 6.708  | 17539907 | 123.6E6  | 10.500   | 11.122     |
| 14)                         | MA Endrin       | 6.001  | 6.927  | 14918090 | 83368753 | 10.552   | 9.861      |
| 15)                         | B Endosulfa...  | 6.275  | 7.133  | 16500865 | 104.8E6  | 11.376   | 11.715     |
| 16)                         | A 4,4'-DDD      | 6.128  | 7.039  | 14484826 | 97446401 | 11.020   | 11.614     |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.342  | 14306268 | 91603248 | 10.713   | 11.623     |
| 18)                         | B Endrin al...  | 6.444  | 7.257  | 11890626 | 74537795 | 10.843   | 11.225     |
| 19)                         | B Endosulfa...  | 6.657  | 7.482  | 16234075 | 96451332 | 11.616   | 11.776     |
| 20)                         | A Methoxychlor  | 6.920  | 7.795  | 42128852 | 213.7E6  | 59.519   | 61.000     |
| 21)                         | B Endrin ke...  | 7.150  | 7.957  | 19524171 | 106.9E6  | 12.236   | 12.518     |
| 22)                         | Toxaphene-1     | 5.743f | 6.548f | 17539907 | 116.6E6  | 1747.791 | 2741.003 # |
| 23)                         | Toxaphene-2     | 6.128f | 6.820  | 14484826 | 1512658  | 1350.658 | 15.025 #   |
| 24)                         | Toxaphene-3     | 6.275f | 7.342f | 16500865 | 91603248 | 641.196  | 412.639 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.482  | 0        | 96451332 | N.D.     | 721.939    |
| 26)                         | Toxaphene-5     | 0.000  | 7.878  | 0        | 657914   | N.D.     | 7.508      |
| -----                       |                 |        |        |          |          |          |            |

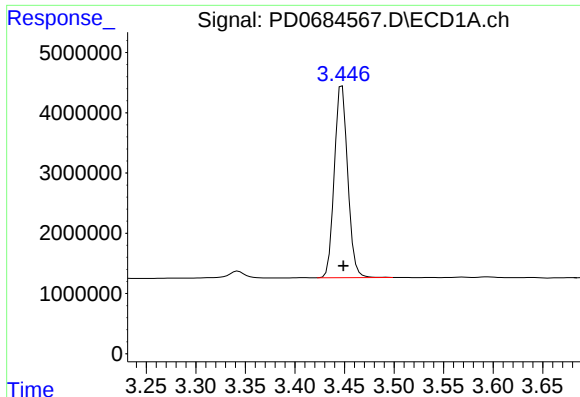
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031422\  
Data File : PD0684567.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2022 18:22  
Operator : AR\AJ  
Sample : PB143279BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 07:18:56 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031322CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 07:24:04 2022  
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

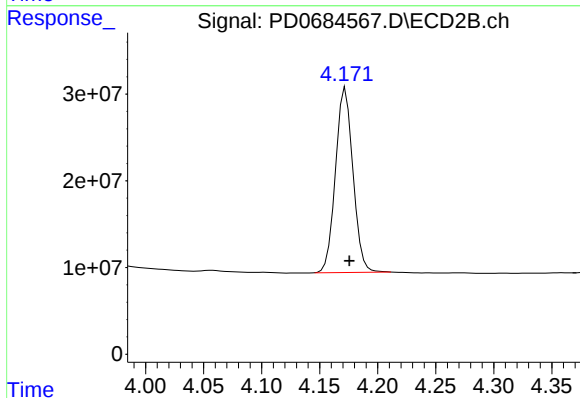




#1 Tetrachloro-m-xylene

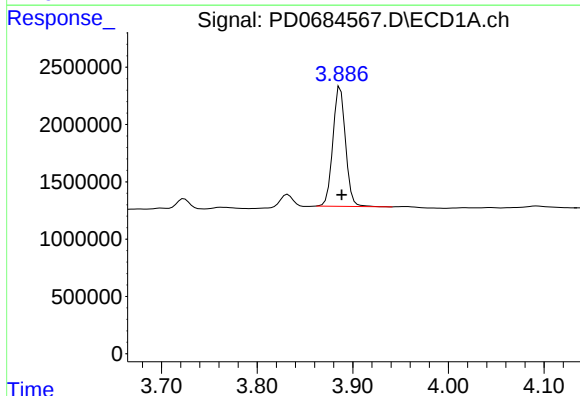
R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 29908067  
Conc: 21.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



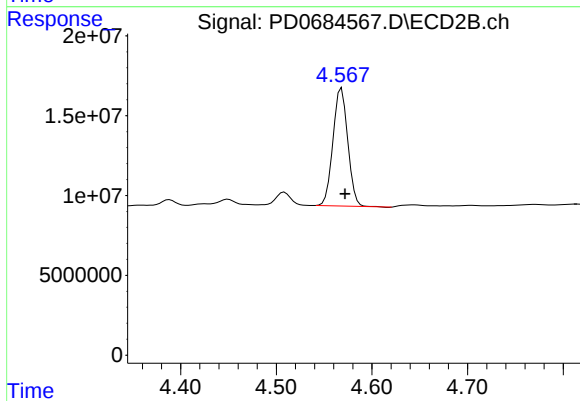
#1 Tetrachloro-m-xylene

R.T.: 4.172 min  
Delta R.T.: -0.003 min  
Response: 223519908  
Conc: 20.42 ng/ml



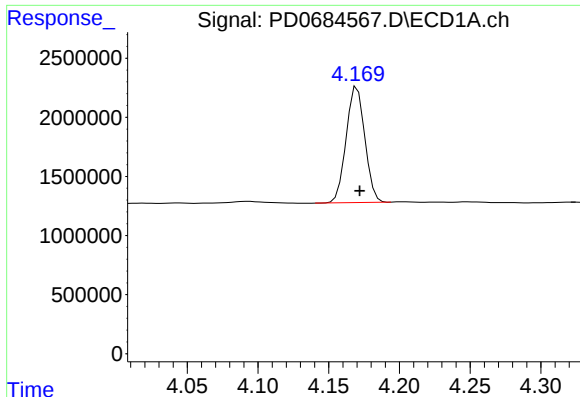
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: -0.001 min  
Response: 9550508  
Conc: 4.99 ng/ml



#2 alpha-BHC

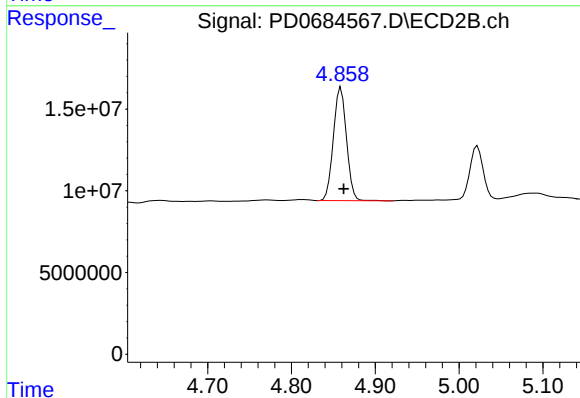
R.T.: 4.568 min  
Delta R.T.: -0.004 min  
Response: 79016310  
Conc: 5.05 ng/ml



#3 gamma-BHC (Lindane)

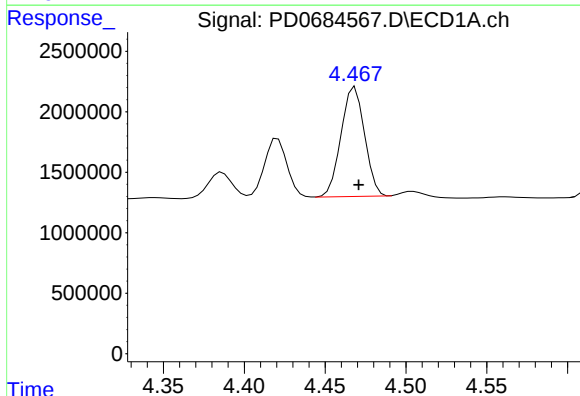
R.T.: 4.170 min  
Delta R.T.: -0.002 min  
Response: 9027756  
Conc: 4.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



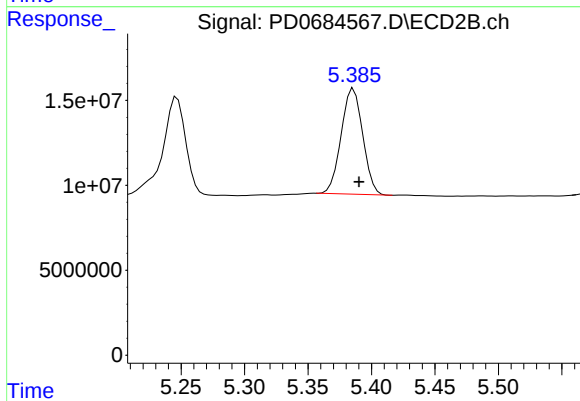
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 75234271  
Conc: 5.19 ng/ml



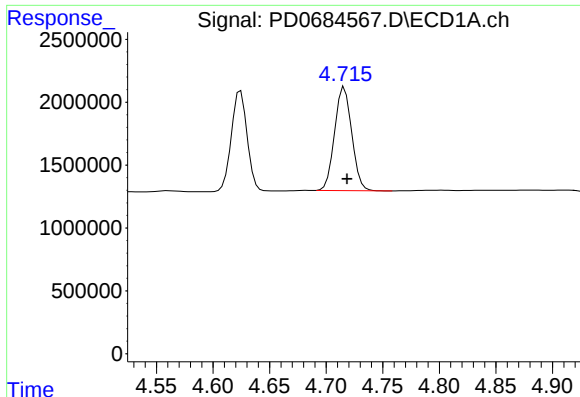
#4 Heptachlor

R.T.: 4.469 min  
Delta R.T.: -0.002 min  
Response: 9167629  
Conc: 5.12 ng/ml



#4 Heptachlor

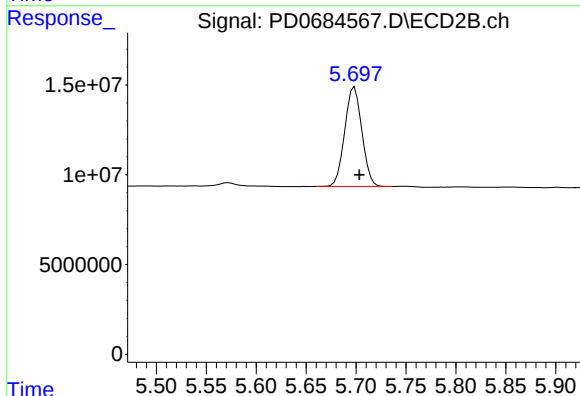
R.T.: 5.386 min  
Delta R.T.: -0.004 min  
Response: 73612199  
Conc: 5.35 ng/ml



#5 Aldrin

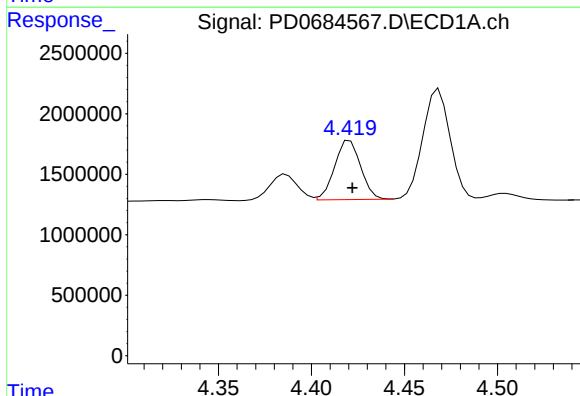
R.T.: 4.716 min  
Delta R.T.: -0.002 min  
Response: 8709040  
Conc: 4.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



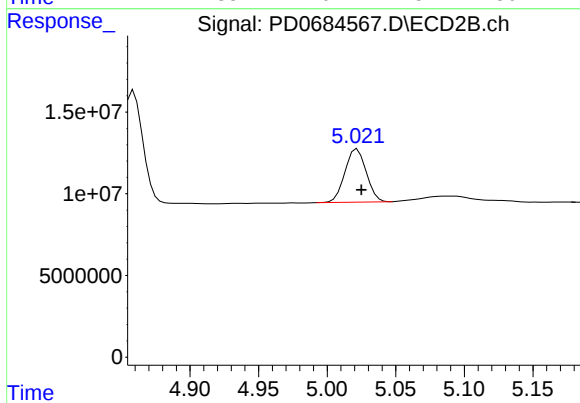
#5 Aldrin

R.T.: 5.698 min  
Delta R.T.: -0.005 min  
Response: 66397695  
Conc: 4.92 ng/ml



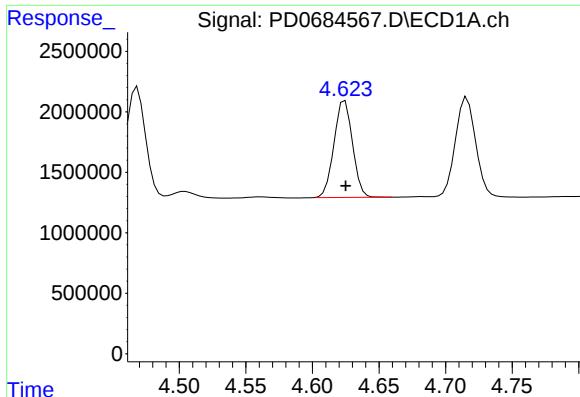
#6 beta-BHC

R.T.: 4.421 min  
Delta R.T.: -0.001 min  
Response: 4749640  
Conc: 5.70 ng/ml



#6 beta-BHC

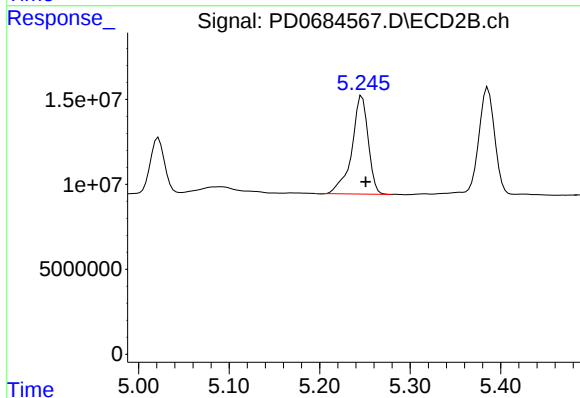
R.T.: 5.022 min  
Delta R.T.: -0.003 min  
Response: 35304382  
Conc: 5.53 ng/ml



#7 delta-BHC

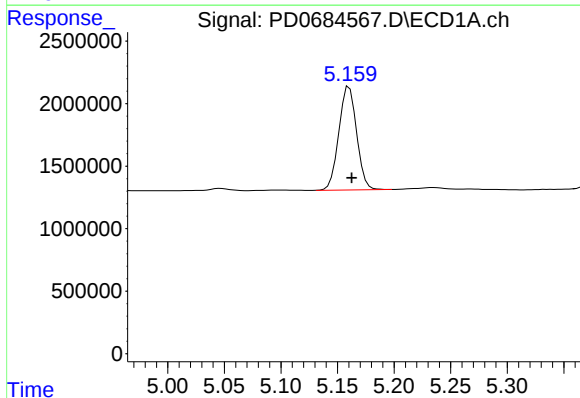
R.T.: 4.624 min  
Delta R.T.: 0.000 min  
Response: 7763926  
Conc: 4.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



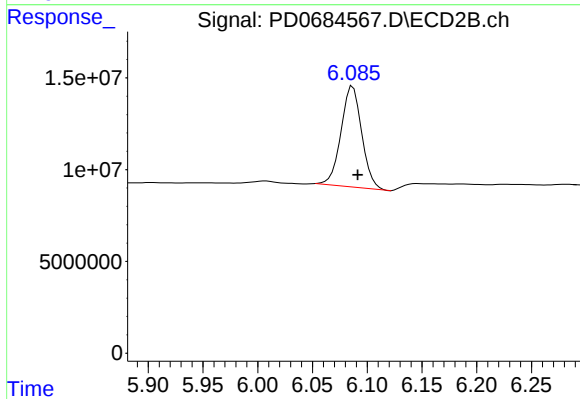
#7 delta-BHC

R.T.: 5.247 min  
Delta R.T.: -0.004 min  
Response: 72742130  
Conc: 5.14 ng/ml



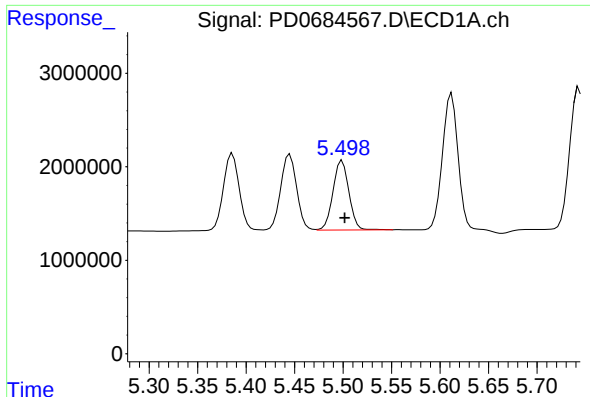
#8 Heptachlor epoxide

R.T.: 5.160 min  
Delta R.T.: -0.002 min  
Response: 9056271  
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

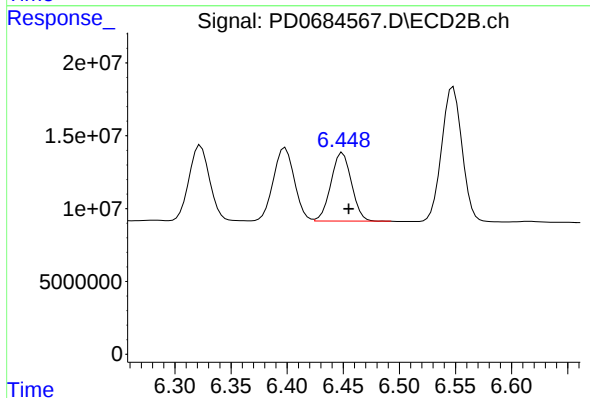
R.T.: 6.087 min  
Delta R.T.: -0.005 min  
Response: 72603711  
Conc: 6.03 ng/ml



#9 Endosulfan I

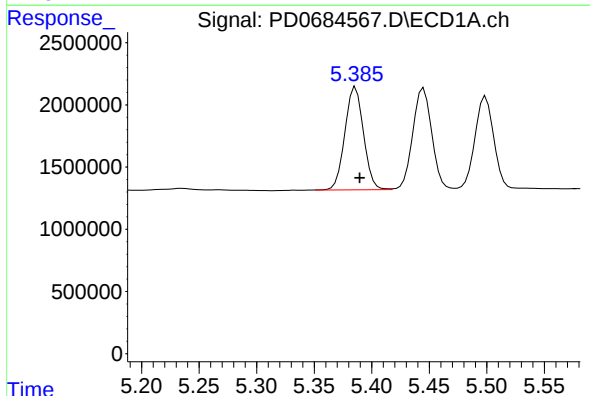
R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 8493966  
Conc: 5.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



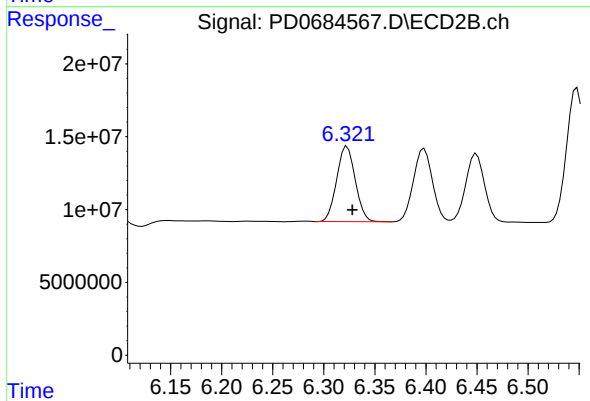
#9 Endosulfan I

R.T.: 6.450 min  
Delta R.T.: -0.005 min  
Response: 59984327  
Conc: 5.51 ng/ml



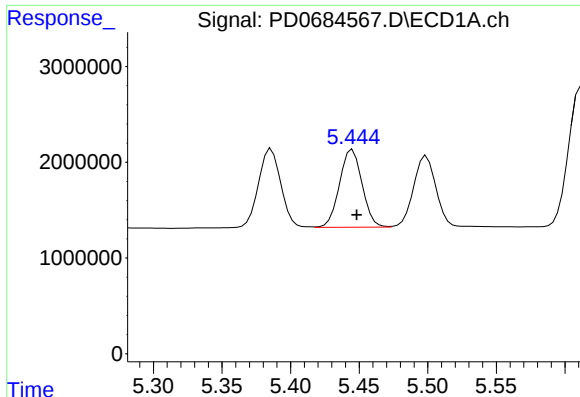
#10 trans-Chlordane

R.T.: 5.386 min  
Delta R.T.: -0.003 min  
Response: 9334085  
Conc: 5.59 ng/ml



#10 trans-Chlordane

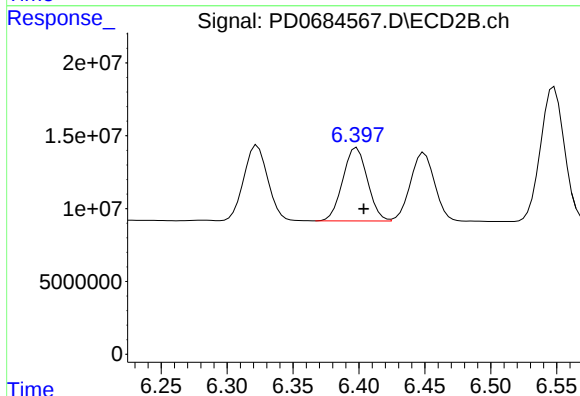
R.T.: 6.323 min  
Delta R.T.: -0.005 min  
Response: 65737305  
Conc: 5.53 ng/ml



#11 cis-Chlordane

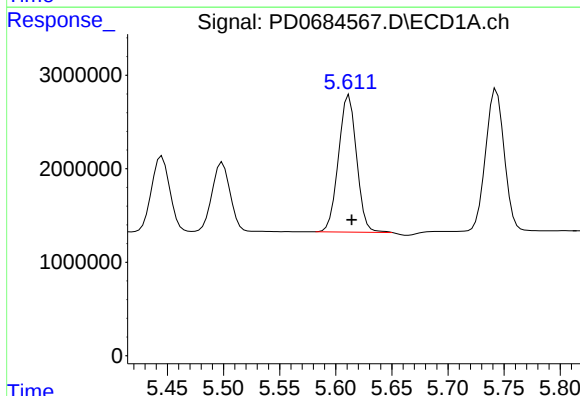
R.T.: 5.445 min  
Delta R.T.: -0.003 min  
Response: 9335055  
Conc: 5.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



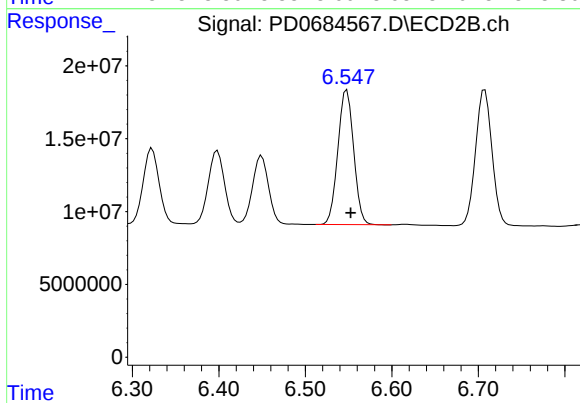
#11 cis-Chlordane

R.T.: 6.398 min  
Delta R.T.: -0.005 min  
Response: 65453419  
Conc: 5.71 ng/ml



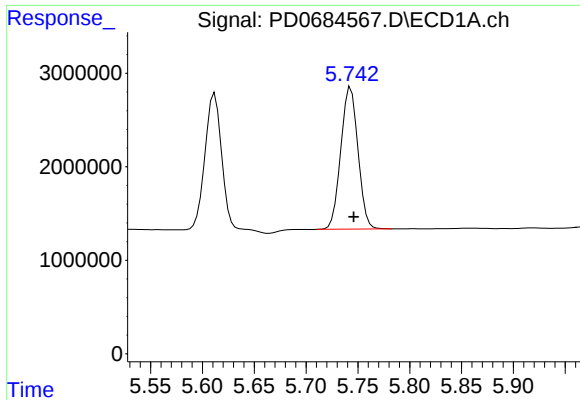
#12 4,4'-DDE

R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 16438445  
Conc: 11.05 ng/ml



#12 4,4'-DDE

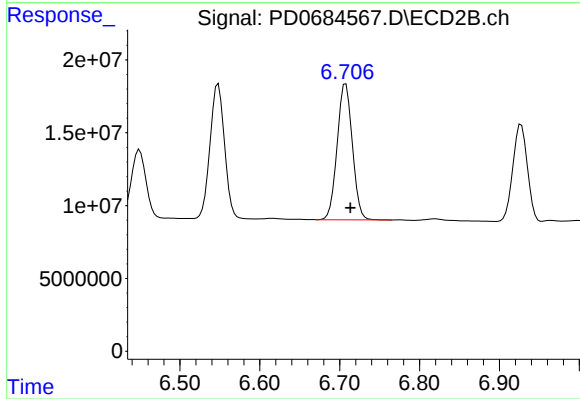
R.T.: 6.548 min  
Delta R.T.: -0.005 min  
Response: 116634998  
Conc: 11.42 ng/ml



#13 Dieldrin

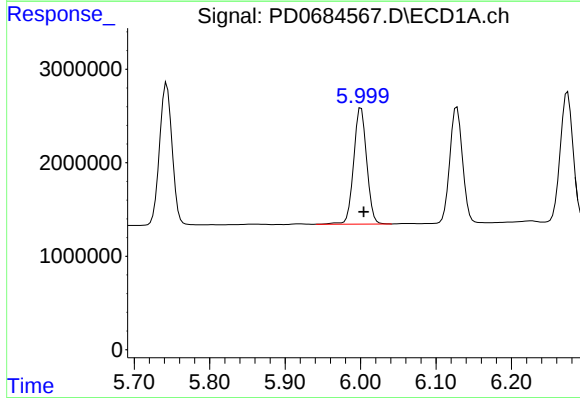
R.T.: 5.743 min  
Delta R.T.: -0.003 min  
Response: 17539907  
Conc: 10.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



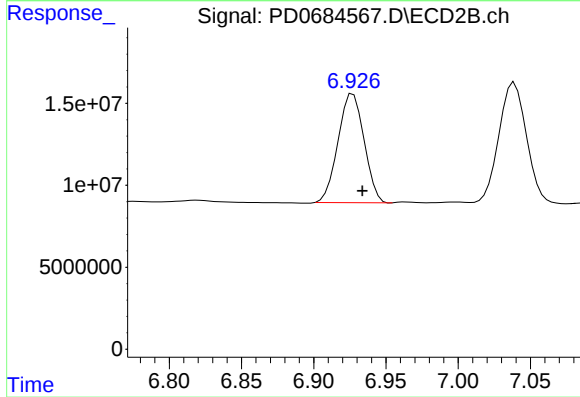
#13 Dieldrin

R.T.: 6.708 min  
Delta R.T.: -0.006 min  
Response: 123584772  
Conc: 11.12 ng/ml



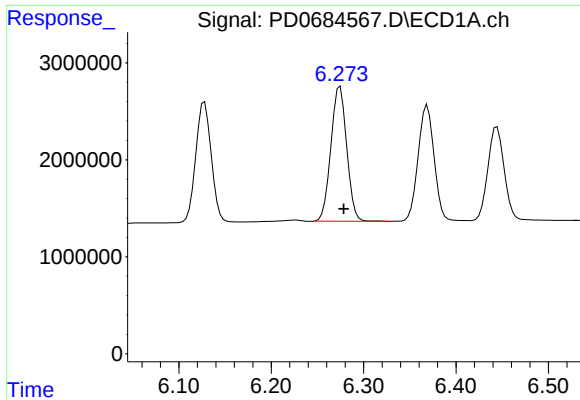
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.003 min  
Response: 14918090  
Conc: 10.55 ng/ml



#14 Endrin

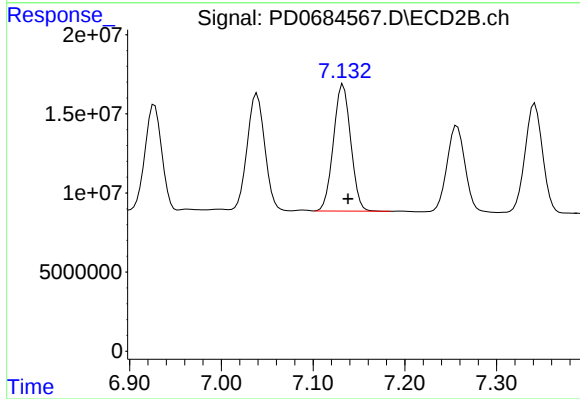
R.T.: 6.927 min  
Delta R.T.: -0.007 min  
Response: 83368753  
Conc: 9.86 ng/ml



#15 Endosulfan II

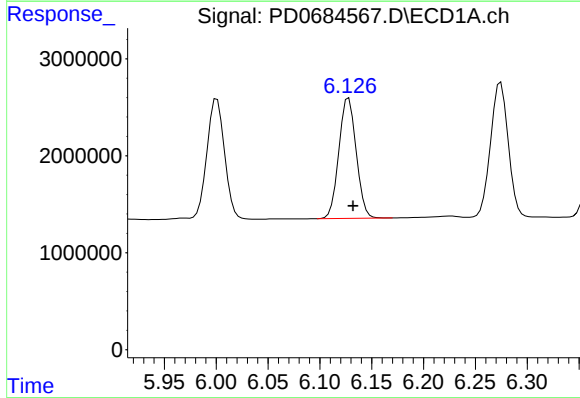
R.T.: 6.275 min  
Delta R.T.: -0.004 min  
Response: 16500865  
Conc: 11.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



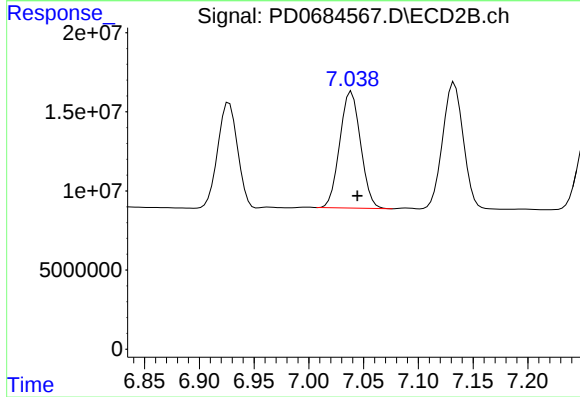
#15 Endosulfan II

R.T.: 7.133 min  
Delta R.T.: -0.005 min  
Response: 104832201  
Conc: 11.71 ng/ml



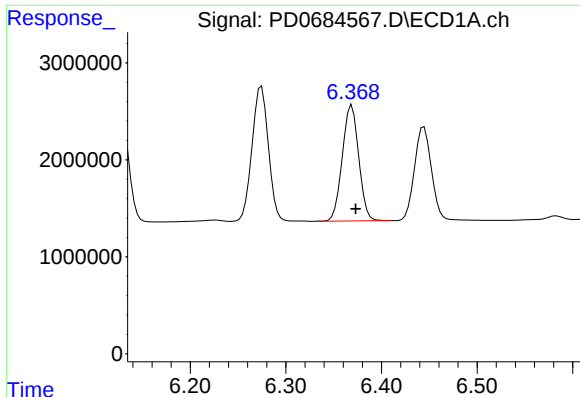
#16 4,4'-DDD

R.T.: 6.128 min  
Delta R.T.: -0.004 min  
Response: 14484826  
Conc: 11.02 ng/ml



#16 4,4'-DDD

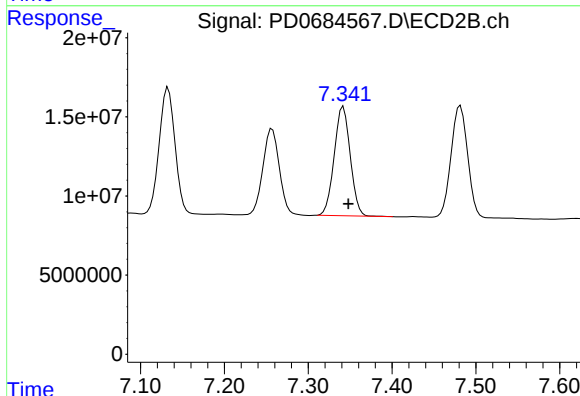
R.T.: 7.039 min  
Delta R.T.: -0.005 min  
Response: 97446401  
Conc: 11.61 ng/ml



#17 4,4'-DDT

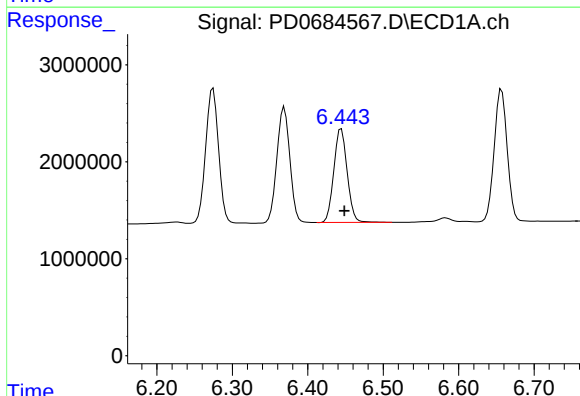
R.T.: 6.369 min  
Delta R.T.: -0.004 min  
Response: 14306268  
Conc: 10.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



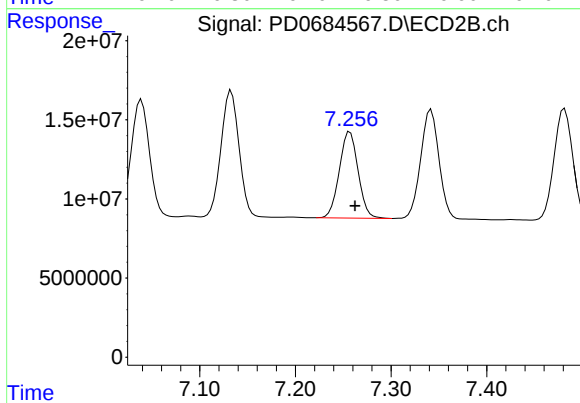
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: -0.006 min  
Response: 91603248  
Conc: 11.62 ng/ml



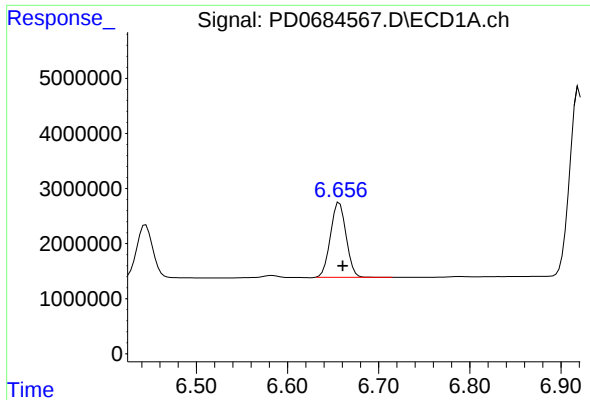
#18 Endrin aldehyde

R.T.: 6.444 min  
Delta R.T.: -0.004 min  
Response: 11890626  
Conc: 10.84 ng/ml



#18 Endrin aldehyde

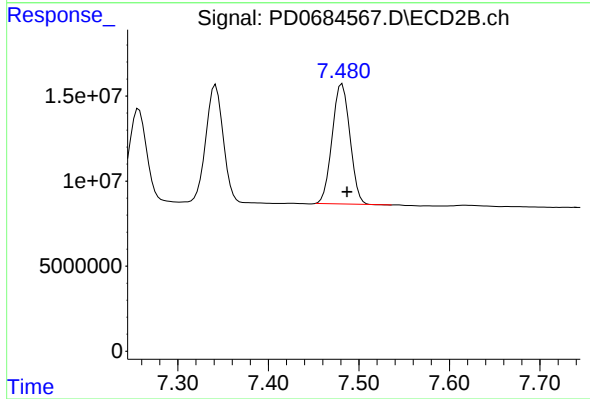
R.T.: 7.257 min  
Delta R.T.: -0.006 min  
Response: 74537795  
Conc: 11.22 ng/ml



#19 Endosulfan Sulfate

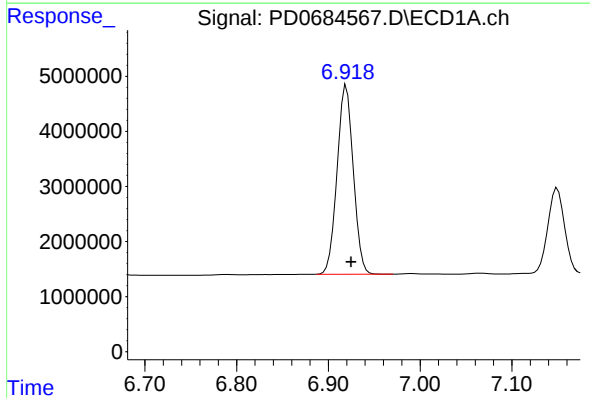
R.T.: 6.657 min  
Delta R.T.: -0.004 min  
Response: 16234075  
Conc: 11.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



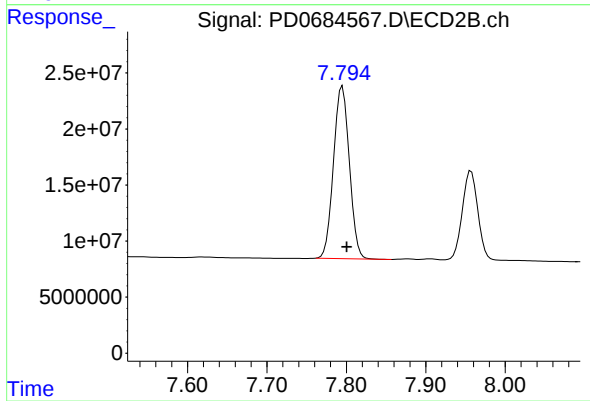
#19 Endosulfan Sulfate

R.T.: 7.482 min  
Delta R.T.: -0.006 min  
Response: 96451332  
Conc: 11.78 ng/ml



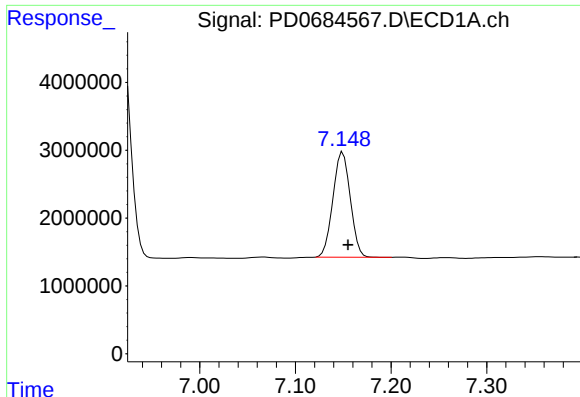
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.005 min  
Response: 42128852  
Conc: 59.52 ng/ml



#20 Methoxychlor

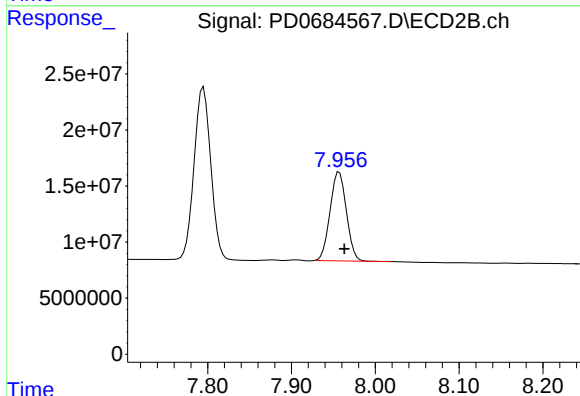
R.T.: 7.795 min  
Delta R.T.: -0.006 min  
Response: 213687843  
Conc: 61.00 ng/ml



#21 Endrin ketone

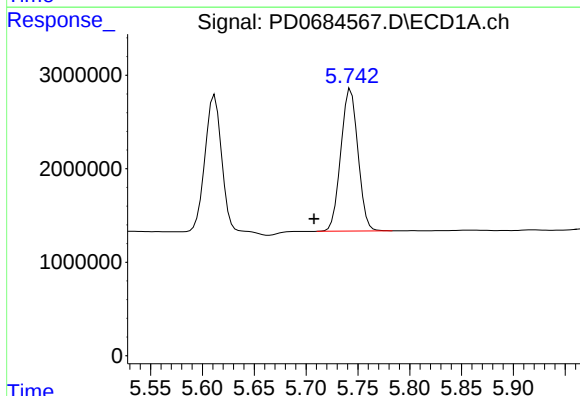
R.T.: 7.150 min  
Delta R.T.: -0.005 min  
Response: 19524171  
Conc: 12.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



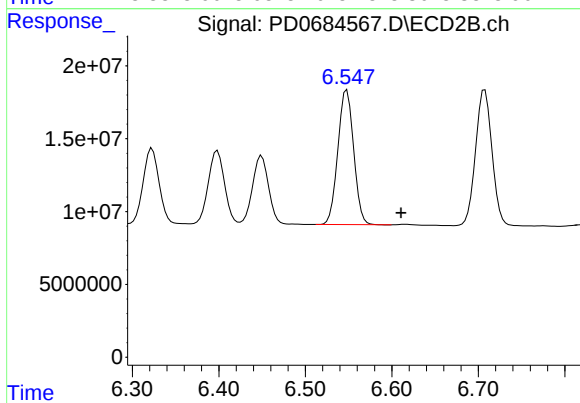
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.006 min  
Response: 106883053  
Conc: 12.52 ng/ml



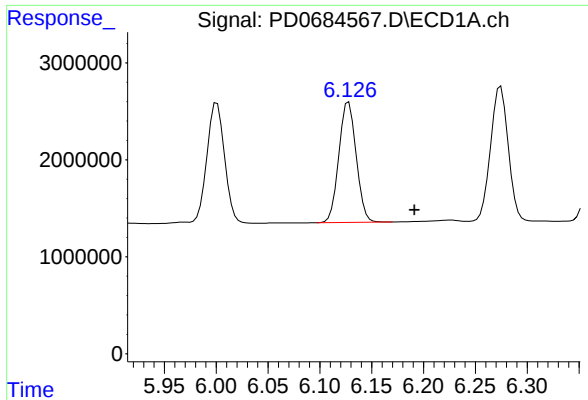
#22 Toxaphene-1

R.T.: 5.743 min  
Delta R.T.: 0.035 min  
Response: 17539907  
Conc: 1747.79 ng/ml



#22 Toxaphene-1

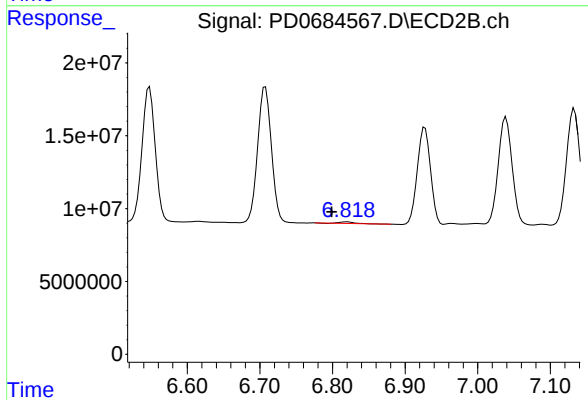
R.T.: 6.548 min  
Delta R.T.: -0.063 min  
Response: 116634998  
Conc: 2741.00 ng/ml



#23 Toxaphene-2

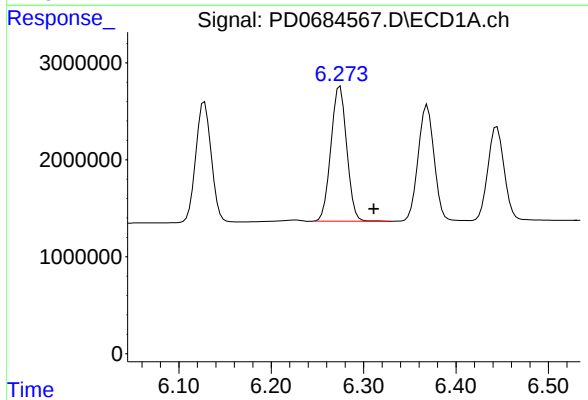
R.T.: 6.128 min  
Delta R.T.: -0.063 min  
Response: 14484826  
Conc: 1350.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



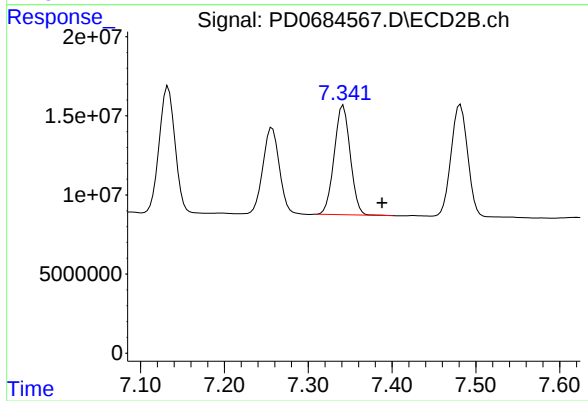
#23 Toxaphene-2

R.T.: 6.820 min  
Delta R.T.: 0.021 min  
Response: 1512658  
Conc: 15.02 ng/ml



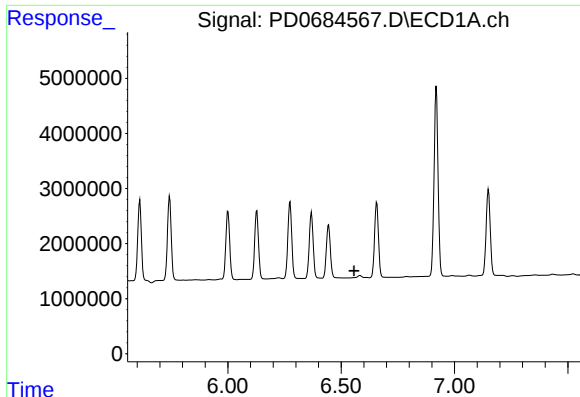
#24 Toxaphene-3

R.T.: 6.275 min  
Delta R.T.: -0.036 min  
Response: 16500865  
Conc: 641.20 ng/ml



#24 Toxaphene-3

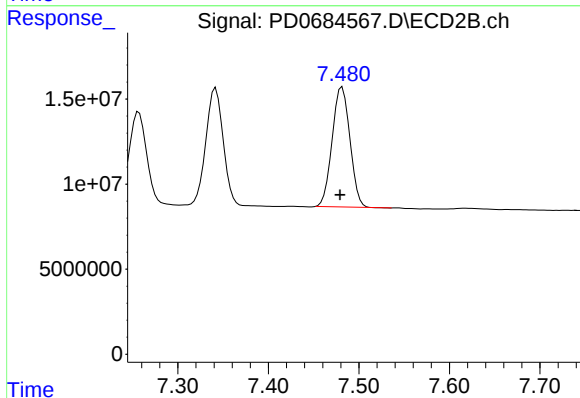
R.T.: 7.342 min  
Delta R.T.: -0.046 min  
Response: 91603248  
Conc: 412.64 ng/ml



#25 Toxaphene-4

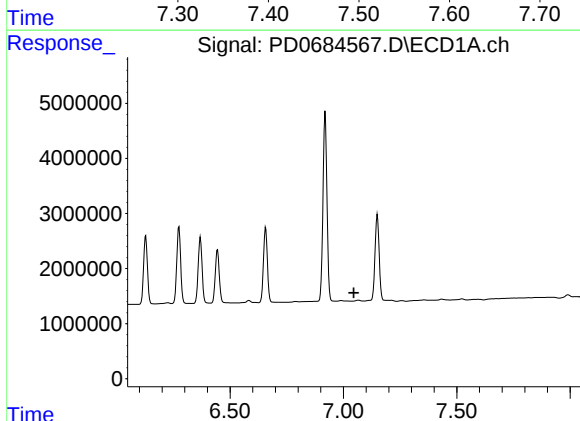
R.T.: 0.000 min  
Exp R.T.: 6.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



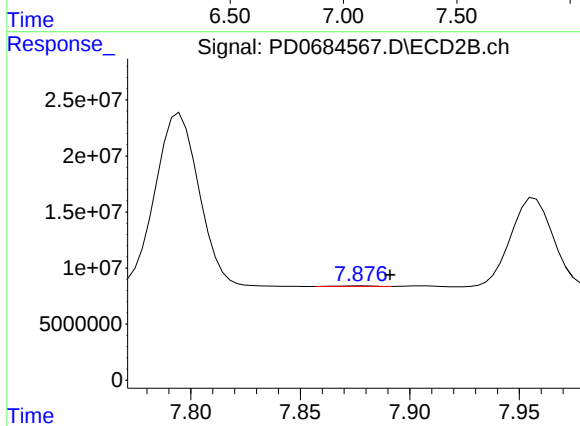
#25 Toxaphene-4

R.T.: 7.482 min  
Delta R.T.: 0.003 min  
Response: 96451332  
Conc: 721.94 ng/ml



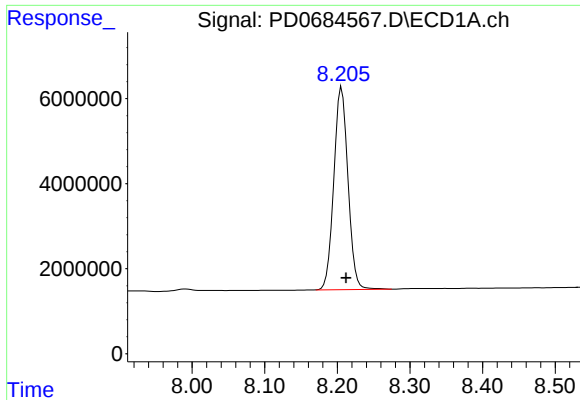
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.045 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

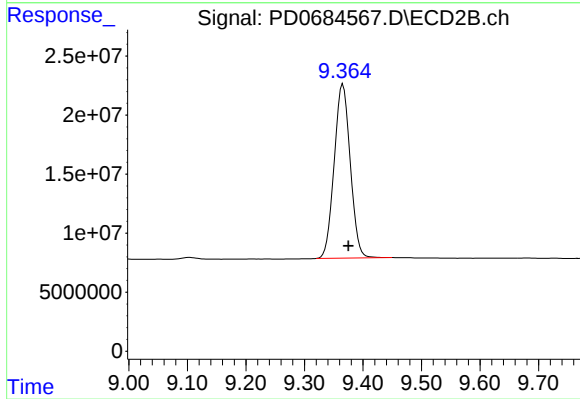
R.T.: 7.878 min  
Delta R.T.: -0.013 min  
Response: 657914  
Conc: 7.51 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.006 min  
Response: 64602205  
Conc: 46.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.366 min  
Delta R.T.: -0.009 min  
Response: 281243635  
Conc: 44.59 ng/ml