

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052822\  
 Data File : PD069887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2022 09:03  
 Operator : AR\AJ  
 Sample : PEM244  
 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: May 28 08:19:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050722CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 18 23:46:25 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

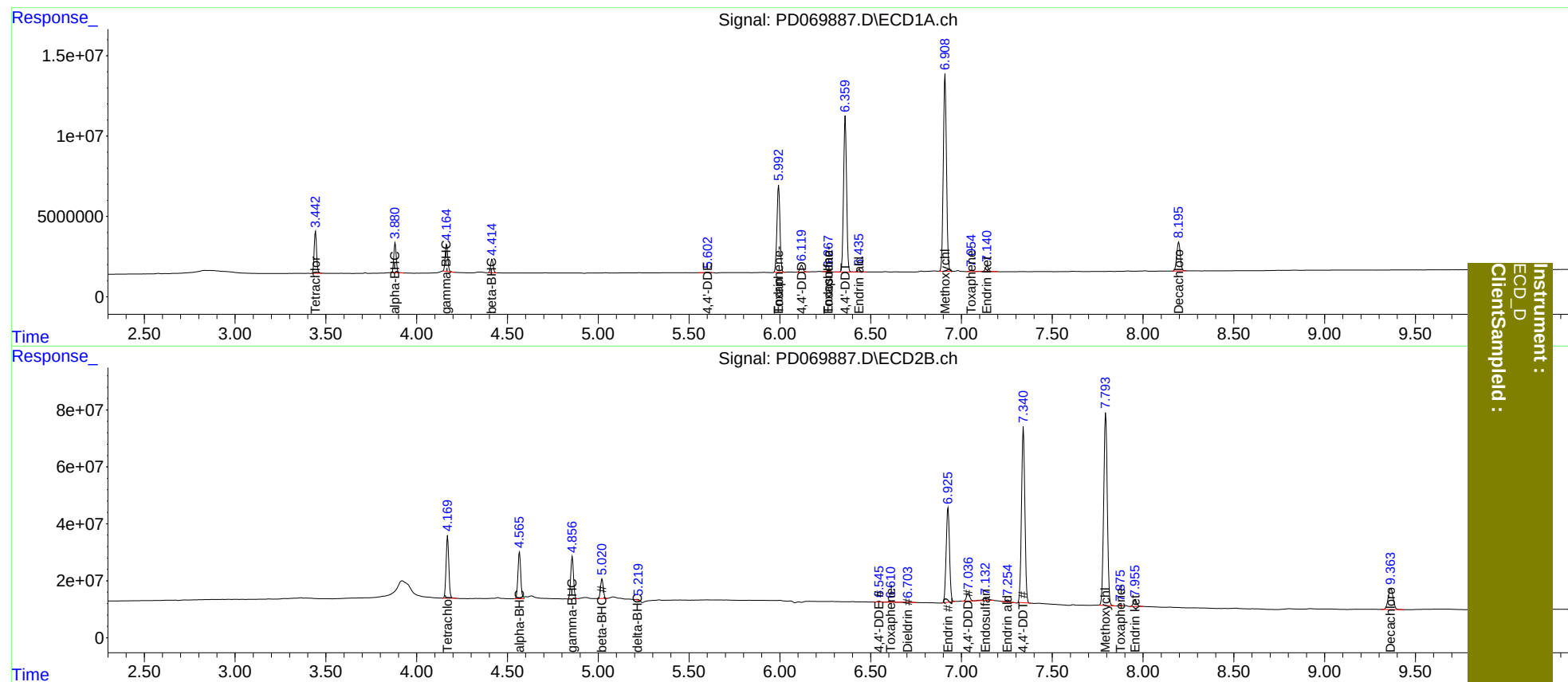
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|---------|
| -----                       |                 |        |        |          |          |          |         |
| System Monitoring Compounds |                 |        |        |          |          |          |         |
| 1)                          | SA Tetrachlo... | 3.443  | 4.170  | 24048374 | 228.7E6  | 19.783   | 18.039  |
| 2)                          | SA Decachlor... | 8.197  | 9.365  | 24421176 | 140.8E6  | 19.689   | 19.275  |
| Target Compounds            |                 |        |        |          |          |          |         |
| 2)                          | A alpha-BHC     | 3.882  | 4.566  | 17367348 | 175.9E6  | 10.182   | 9.630   |
| 3)                          | MA gamma-BHC... | 4.165  | 4.857  | 16554883 | 156.2E6  | 9.887    | 9.595   |
| 4)                          | MA Heptachlor   | 0.000  | 5.381  | 0        | 35545    | N.D.     | <MDL    |
| 5)                          | MB Aldrin       | 4.710  | 0.000  | 125683   | 0        | <MDL     | N.D. #  |
| 6)                          | B beta-BHC      | 4.415  | 5.021  | 8209081  | 71576172 | 11.508   | 10.504  |
| 7)                          | B delta-BHC     | 0.000  | 5.215f | 0        | 2091181  | N.D.     | 0.185   |
| 9)                          | A Endosulfan I  | 0.000  | 6.400f | 0        | 958248   | N.D.     | <MDL    |
| 11)                         | B cis-Chlor...  | 0.000  | 6.400  | 0        | 958248   | N.D.     | <MDL    |
| 12)                         | B 4,4'-DDE      | 5.603  | 6.546  | 423144   | 4656833  | 0.325    | 0.403   |
| 13)                         | MA Dieldrin     | 0.000  | 6.705  | 0        | 1769687  | N.D.     | 0.139   |
| 14)                         | MA Endrin       | 5.994  | 6.926  | 61894156 | 429.1E6  | 47.535   | 42.432  |
| 15)                         | B Endosulfa...  | 6.268  | 7.134  | 467197   | 17139690 | 0.401    | 1.791 # |
| 16)                         | A 4,4'-DDD      | 6.120  | 7.038  | 5048432  | 35038693 | 4.308    | 3.540   |
| 17)                         | MA 4,4'-DDT     | 6.360  | 7.341  | 111.9E6  | 787.4E6  | 95.653   | 82.309  |
| 18)                         | B Endrin al...  | 6.436  | 7.255  | 1667104  | 8870759  | 1.604    | 1.074 # |
| 20)                         | A Methoxychlor  | 6.910  | 7.794  | 148.6E6  | 928.9E6  | 226.280  | 210.726 |
| 21)                         | B Endrin ke...  | 7.141  | 7.957  | 4285859  | 29672006 | 3.146    | 3.102   |
| 22)                         | Toxaphene-1     | 0.000  | 6.612  | 0        | 1372128  | N.D.     | 15.268  |
| 23)                         | Toxaphene-2     | 5.994f | 0.000  | 61894156 | 0        | 7574.119 | N.D. #  |
| 24)                         | Toxaphene-3     | 6.268f | 7.426f | 467197   | -240863  | 53.693   | N.D. #  |
| 25)                         | Toxaphene-4     | 7.055  | 7.426f | 981829   | -240863  | 27.214   | N.D. #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.876  | 0        | 2012587  | N.D.     | 15.863  |
| -----                       |                 |        |        |          |          |          |         |

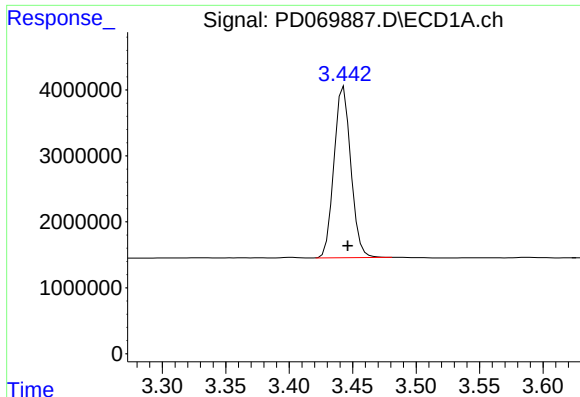
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052822\  
Data File : PD069887.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 May 2022 09:03  
Operator : AR\AJ  
Sample : PEM244  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 28 08:19:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050722CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 18 23:46:25 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

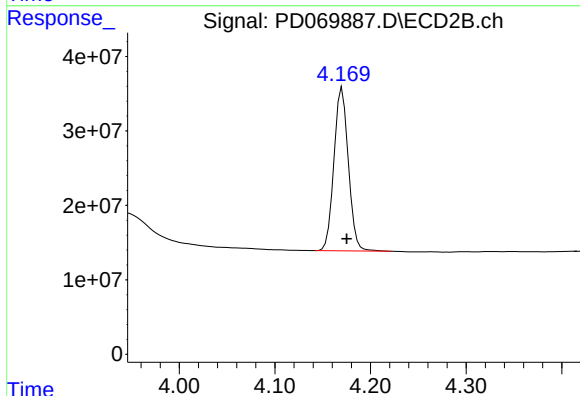




#1 Tetrachloro-m-xylene

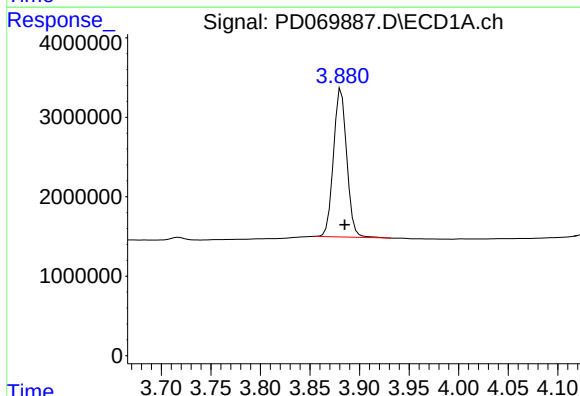
R.T.: 3.443 min  
Delta R.T.: -0.003 min  
Response: 24048374  
Conc: 19.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



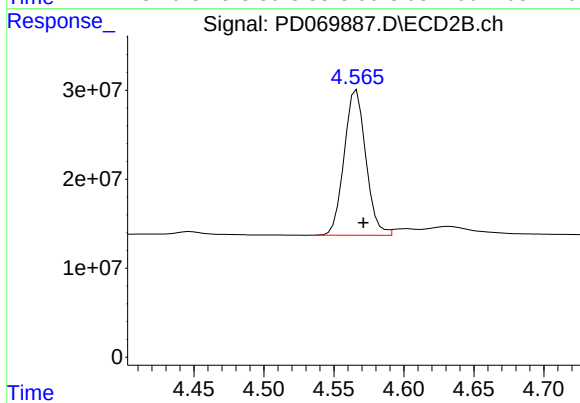
#1 Tetrachloro-m-xylene

R.T.: 4.170 min  
Delta R.T.: -0.005 min  
Response: 228746541  
Conc: 18.04 ng/ml



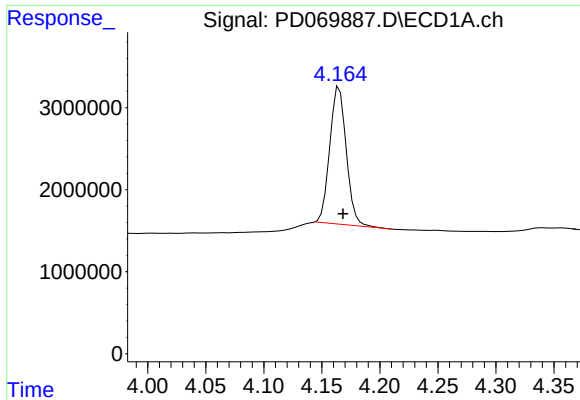
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.003 min  
Response: 17367348  
Conc: 10.18 ng/ml



#2 alpha-BHC

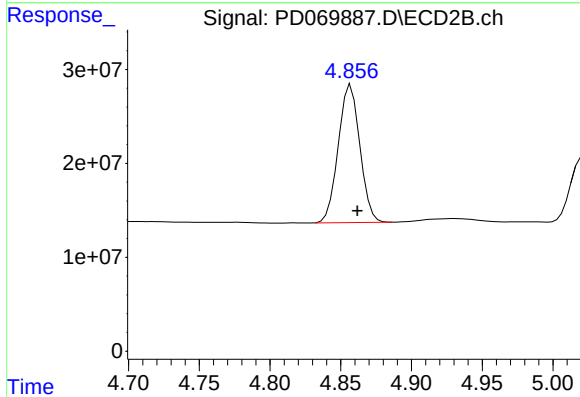
R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 175872459  
Conc: 9.63 ng/ml



#3 gamma-BHC (Lindane)

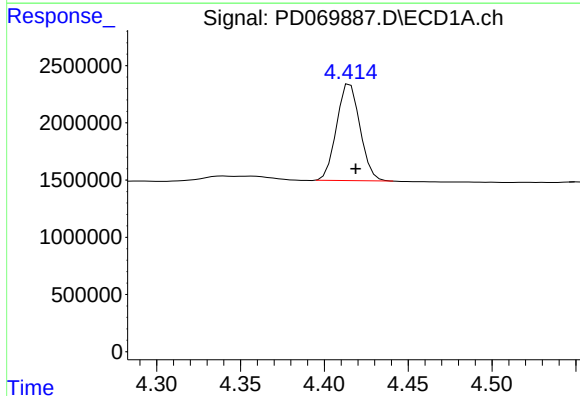
R.T.: 4.165 min  
Delta R.T.: -0.003 min  
Response: 16554883  
Conc: 9.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



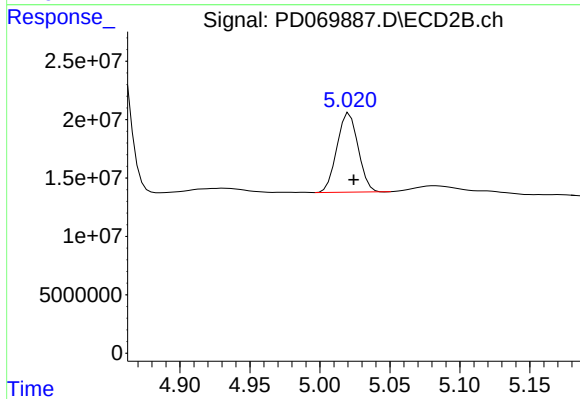
#3 gamma-BHC (Lindane)

R.T.: 4.857 min  
Delta R.T.: -0.005 min  
Response: 156217656  
Conc: 9.59 ng/ml



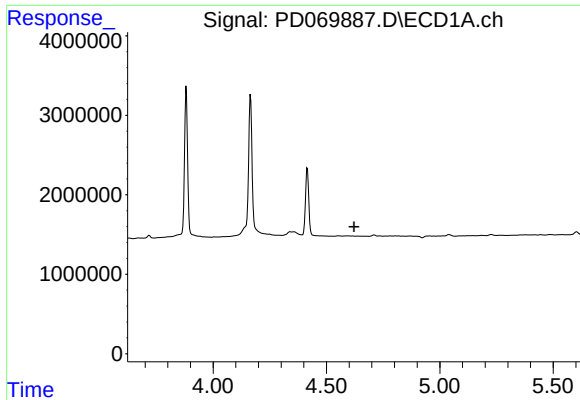
#6 beta-BHC

R.T.: 4.415 min  
Delta R.T.: -0.003 min  
Response: 8209081  
Conc: 11.51 ng/ml



#6 beta-BHC

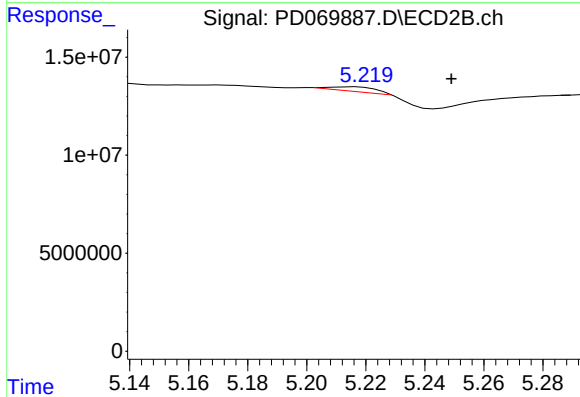
R.T.: 5.021 min  
Delta R.T.: -0.003 min  
Response: 71576172  
Conc: 10.50 ng/ml



#7 delta-BHC

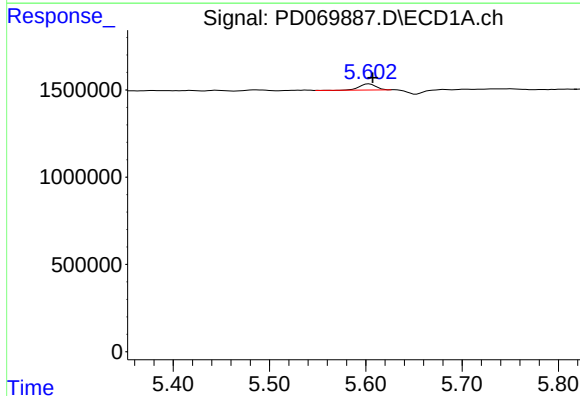
R.T.: 0.000 min  
Exp R.T.: 4.622 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



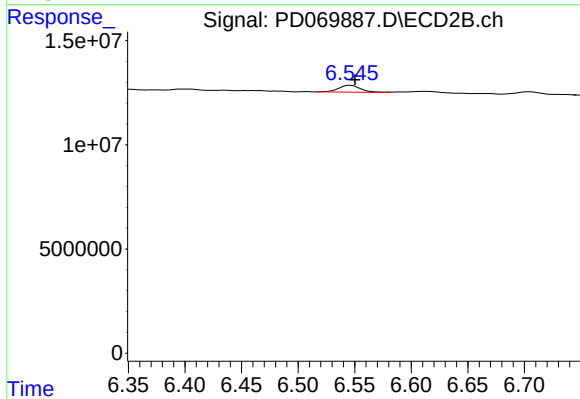
#7 delta-BHC

R.T.: 5.215 min  
Delta R.T.: -0.034 min  
Response: 2091181  
Conc: 0.18 ng/ml



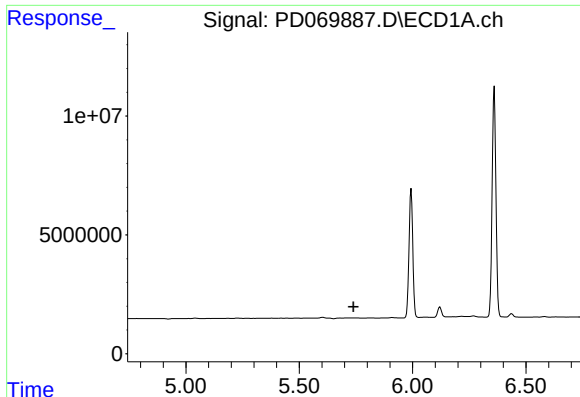
#12 4,4'-DDE

R.T.: 5.603 min  
Delta R.T.: -0.004 min  
Response: 423144  
Conc: 0.33 ng/ml



#12 4,4'-DDE

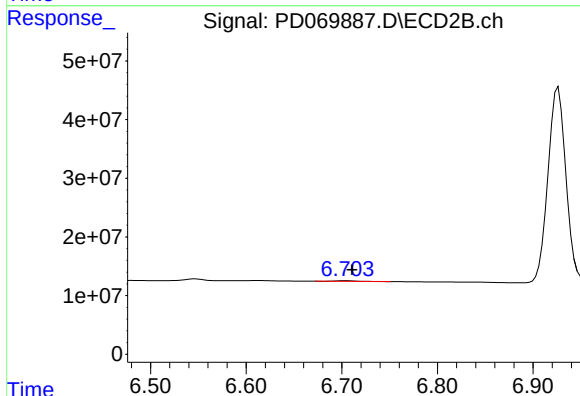
R.T.: 6.546 min  
Delta R.T.: -0.004 min  
Response: 4656833  
Conc: 0.40 ng/ml



#13 Dieldrin

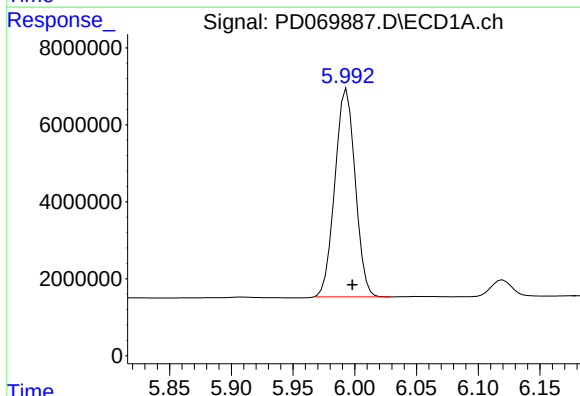
R.T.: 0.000 min  
Exp R.T.: 5.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



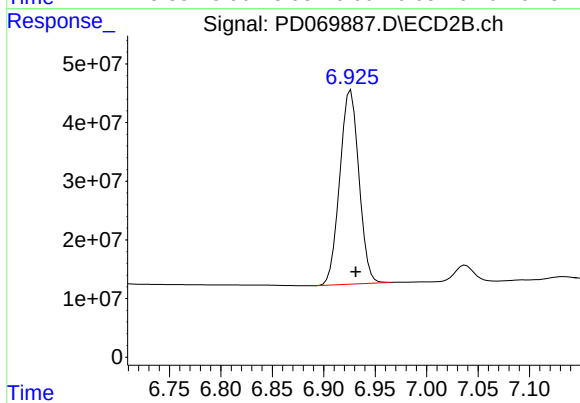
#13 Dieldrin

R.T.: 6.705 min  
Delta R.T.: -0.006 min  
Response: 1769687  
Conc: 0.14 ng/ml



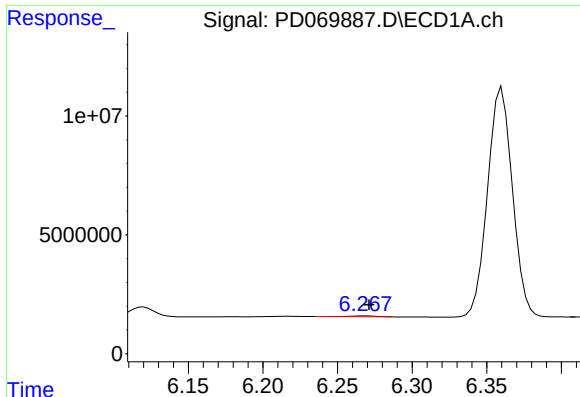
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.005 min  
Response: 61894156  
Conc: 47.53 ng/ml



#14 Endrin

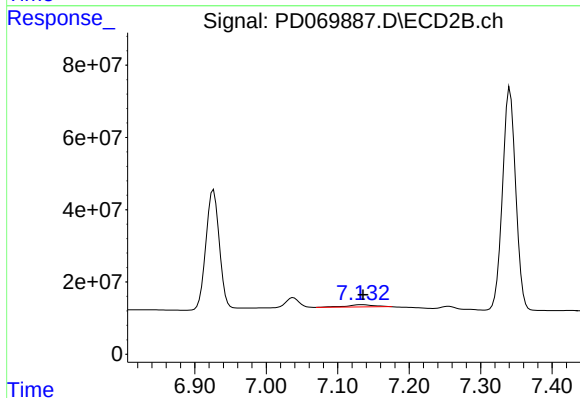
R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 429126630  
Conc: 42.43 ng/ml



#15 Endosulfan II

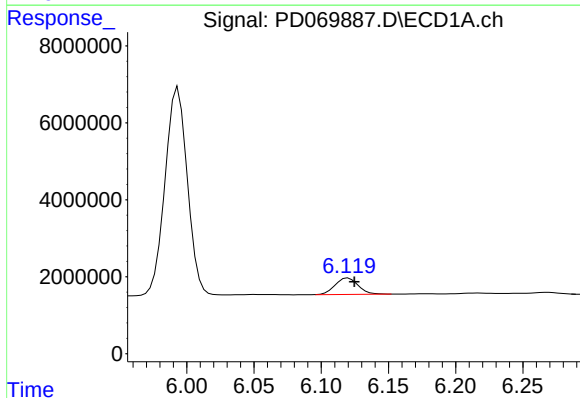
R.T.: 6.268 min  
Delta R.T.: -0.003 min  
Response: 467197  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



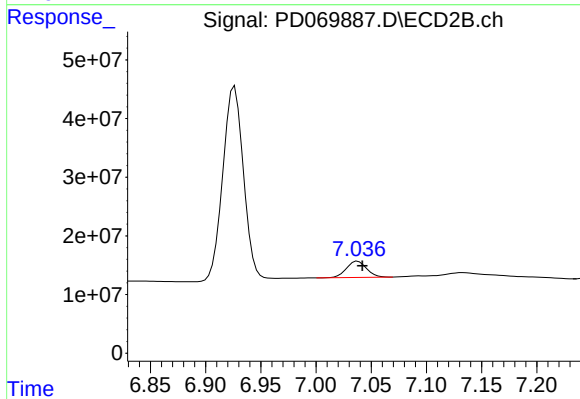
#15 Endosulfan II

R.T.: 7.134 min  
Delta R.T.: -0.002 min  
Response: 17139690  
Conc: 1.79 ng/ml



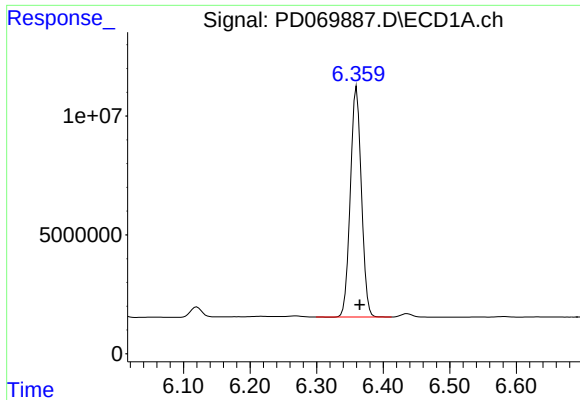
#16 4,4'-DDD

R.T.: 6.120 min  
Delta R.T.: -0.005 min  
Response: 5048432  
Conc: 4.31 ng/ml



#16 4,4'-DDD

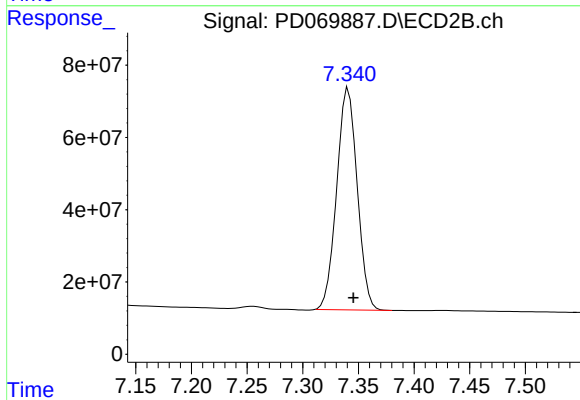
R.T.: 7.038 min  
Delta R.T.: -0.004 min  
Response: 35038693  
Conc: 3.54 ng/ml



#17 4,4'-DDT

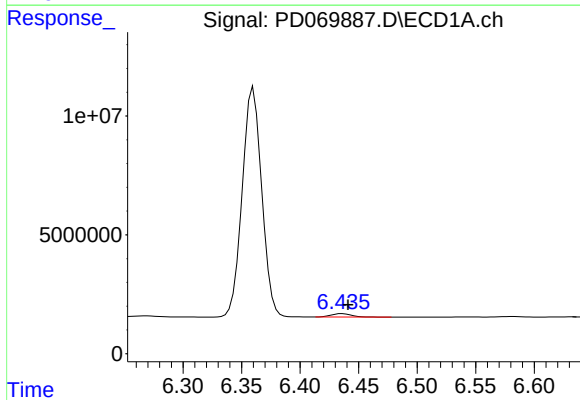
R.T.: 6.360 min  
Delta R.T.: -0.005 min  
Response: 111852092  
Conc: 95.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



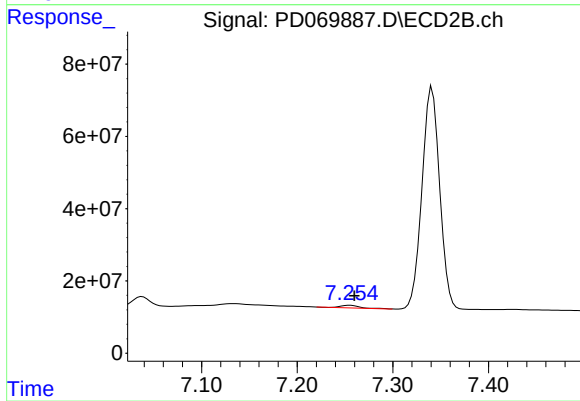
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: -0.004 min  
Response: 787417694  
Conc: 82.31 ng/ml



#18 Endrin aldehyde

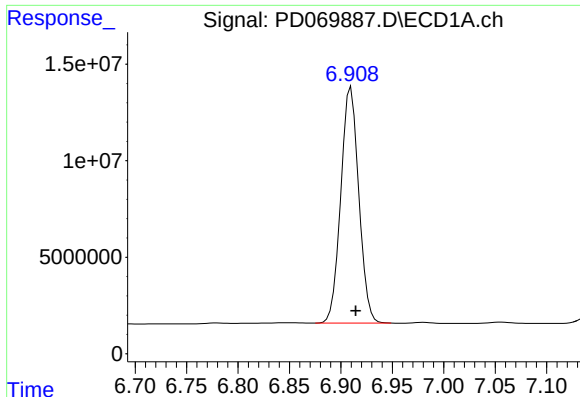
R.T.: 6.436 min  
Delta R.T.: -0.005 min  
Response: 1667104  
Conc: 1.60 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min  
Delta R.T.: -0.005 min  
Response: 8870759  
Conc: 1.07 ng/ml

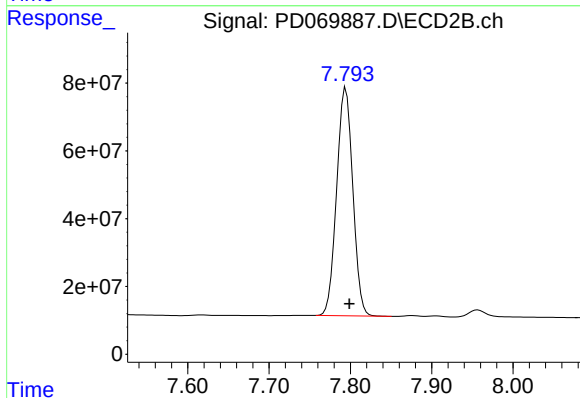




#20 Methoxychlor

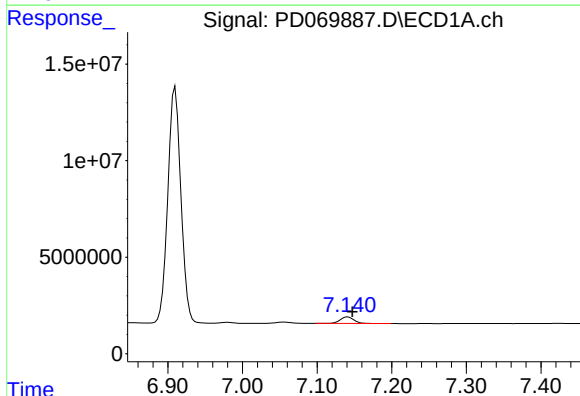
R.T.: 6.910 min  
Delta R.T.: -0.005 min  
Response: 148648782  
Conc: 226.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



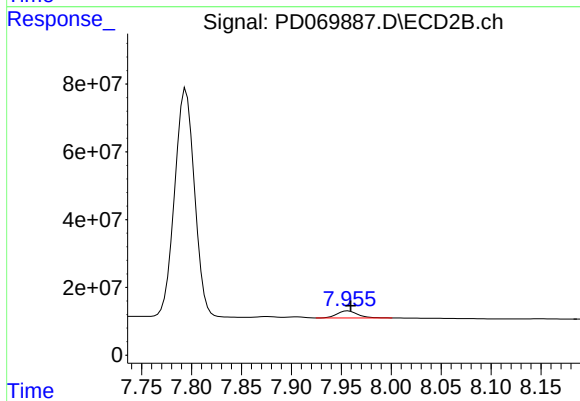
#20 Methoxychlor

R.T.: 7.794 min  
Delta R.T.: -0.004 min  
Response: 928939631  
Conc: 210.73 ng/ml



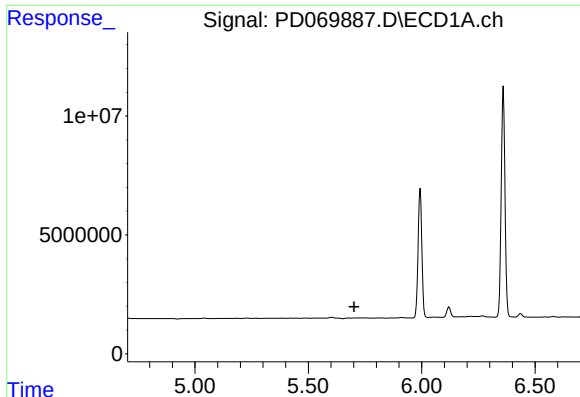
#21 Endrin ketone

R.T.: 7.141 min  
Delta R.T.: -0.006 min  
Response: 4285859  
Conc: 3.15 ng/ml



#21 Endrin ketone

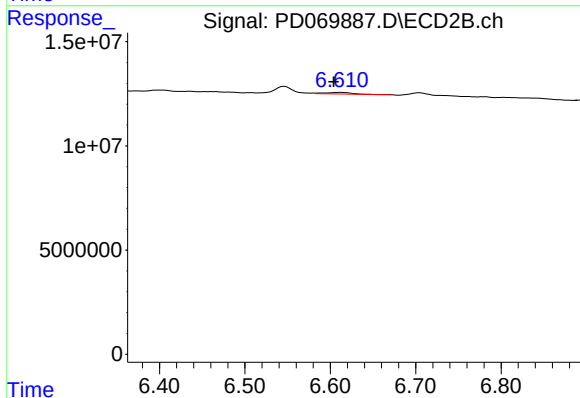
R.T.: 7.957 min  
Delta R.T.: -0.003 min  
Response: 29672006  
Conc: 3.10 ng/ml



#22 Toxaphene-1

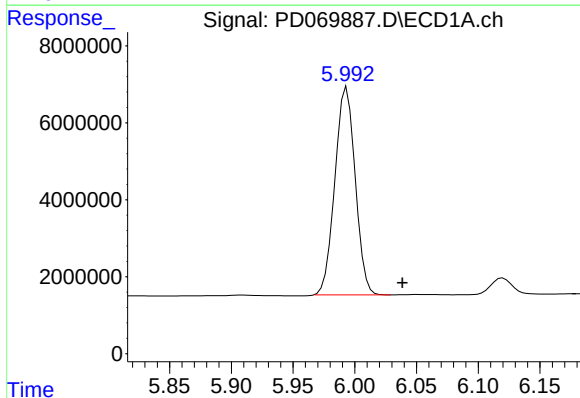
R.T.: 0.000 min  
Exp R.T.: 5.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



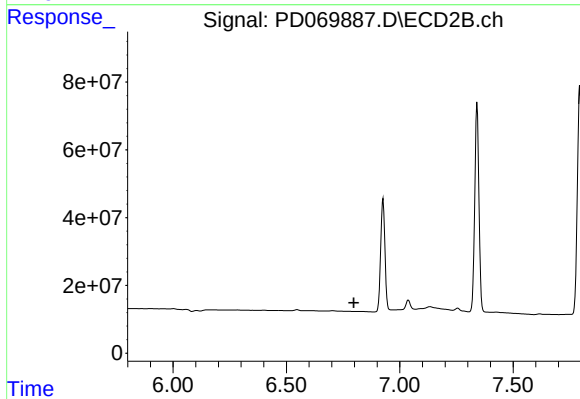
#22 Toxaphene-1

R.T.: 6.612 min  
Delta R.T.: 0.008 min  
Response: 1372128  
Conc: 15.27 ng/ml



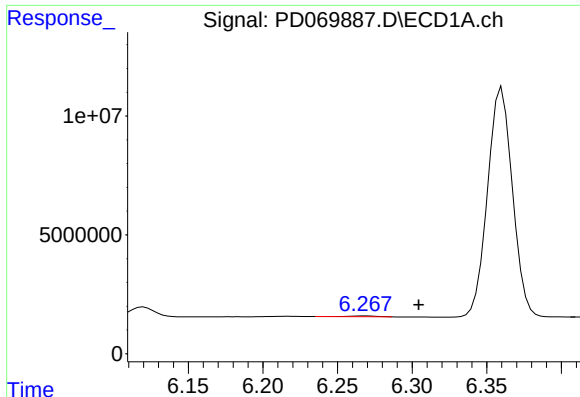
#23 Toxaphene-2

R.T.: 5.994 min  
Delta R.T.: -0.045 min  
Response: 61894156  
Conc: 7574.12 ng/ml



#23 Toxaphene-2

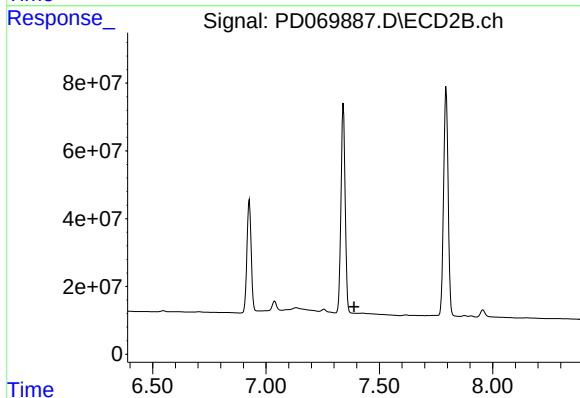
R.T.: 0.000 min  
Exp R.T.: 6.797 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

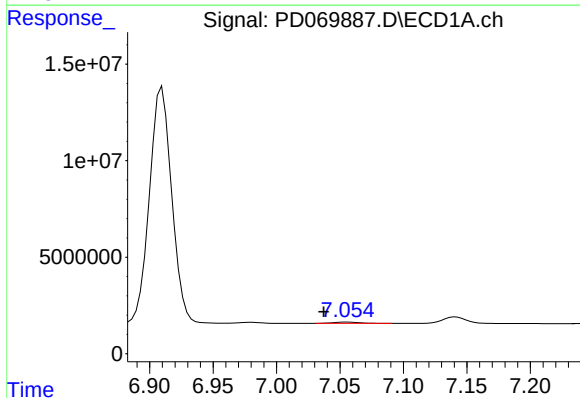
R.T.: 6.268 min  
Delta R.T.: -0.036 min  
Response: 467197  
Conc: 53.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



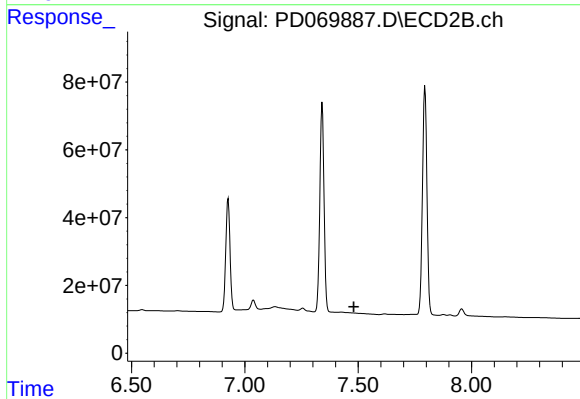
#24 Toxaphene-3

R.T.: 7.426 min  
Delta R.T.: 0.038 min  
Response: -240863  
Conc: N.D.



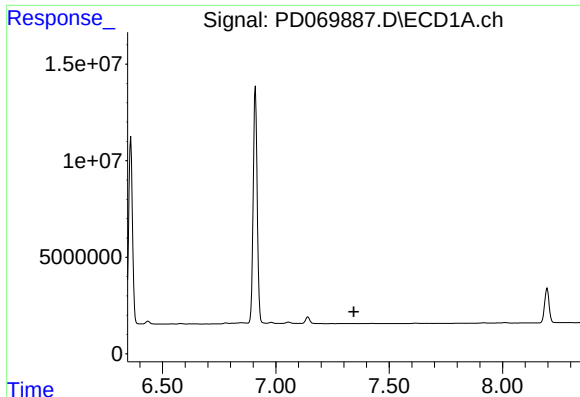
#25 Toxaphene-4

R.T.: 7.055 min  
Delta R.T.: 0.018 min  
Response: 981829  
Conc: 27.21 ng/ml



#25 Toxaphene-4

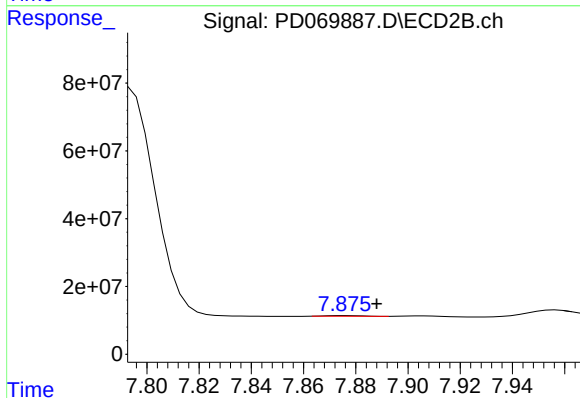
R.T.: 7.426 min  
Delta R.T.: -0.054 min  
Response: -240863  
Conc: N.D.



#26 Toxaphene-5

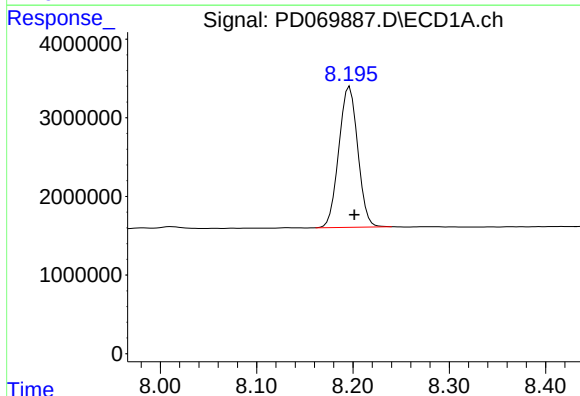
R.T.: 0.000 min  
Exp R.T.: 7.344 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



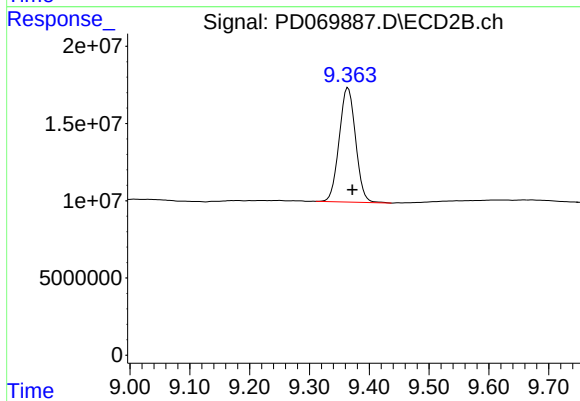
#26 Toxaphene-5

R.T.: 7.876 min  
Delta R.T.: -0.012 min  
Response: 2012587  
Conc: 15.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.197 min  
Delta R.T.: -0.005 min  
Response: 24421176  
Conc: 19.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.365 min  
Delta R.T.: -0.007 min  
Response: 140761214  
Conc: 19.28 ng/ml