

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102819\  
 Data File : PD055661.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2019 00:18  
 Operator : SG\AJ  
 Sample : INDA335  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA336

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 09:17:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 2019  
 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

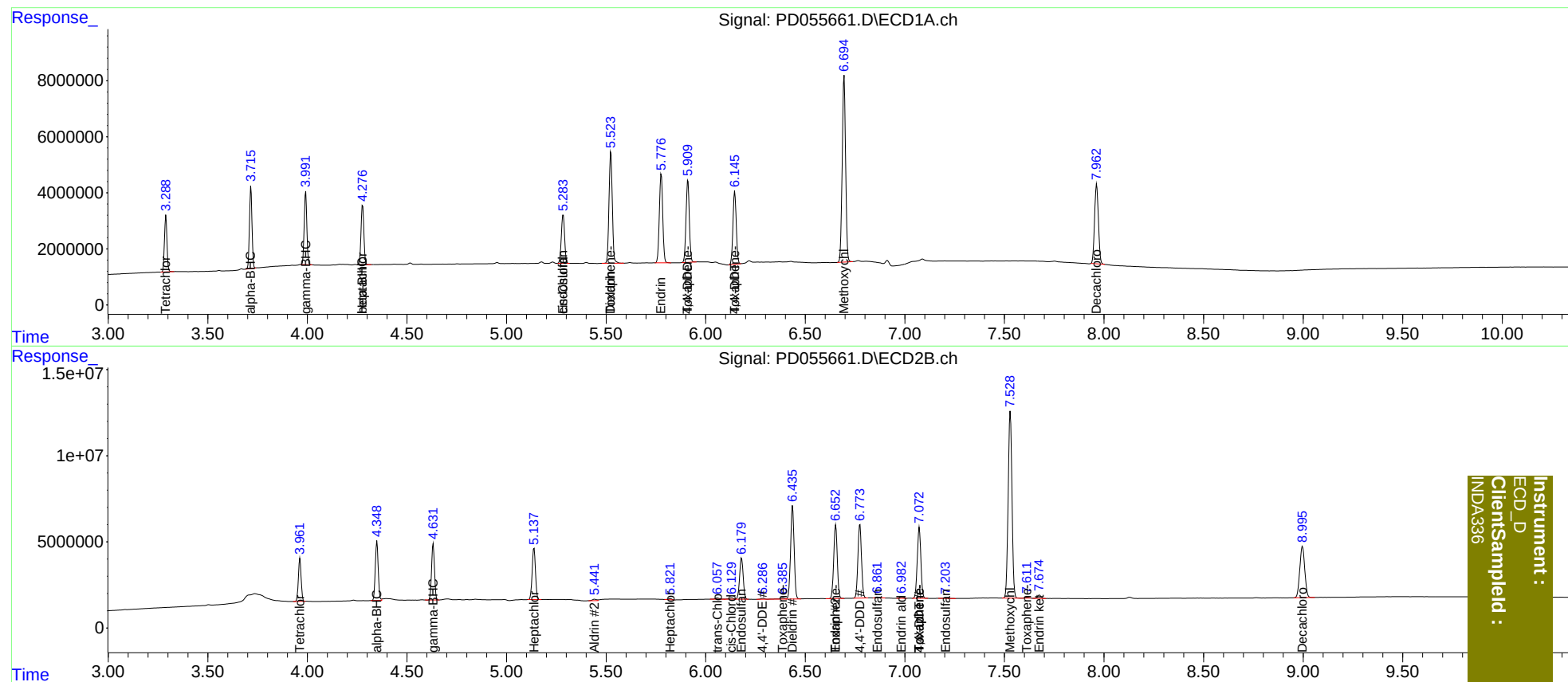
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.290  | 3.963 | 17937768 | 24371877 | 20.119   | 18.102     |
| 27)                         | SA Decachlor... | 7.963  | 8.997 | 37693535 | 51430016 | 41.165   | 39.416     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.717  | 4.350 | 25557082 | 34988877 | 20.351   | 17.985     |
| 3)                          | MA gamma-BHC... | 3.992  | 4.632 | 24102541 | 33423966 | 20.339   | 18.126     |
| 4)                          | MA Heptachlor   | 4.278  | 5.138 | 21227163 | 34498200 | 23.328   | 18.499     |
| 5)                          | MB Aldrin       | 0.000  | 5.442 | 0        | 1214253  | N.D.     | 0.698      |
| 6)                          | B beta-BHC      | 4.278f | 4.801 | 21227163 | 36459    | 39.932   | <MDL #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.823 | 0        | 834836   | N.D.     | 0.489      |
| 9)                          | A Endosulfan I  | 5.285  | 6.180 | 19829812 | 30227714 | 20.631   | 18.442     |
| 10)                         | B trans-Chl...  | 0.000  | 6.059 | 0        | 1046061  | N.D.     | 0.594      |
| 11)                         | B cis-Chlor...  | 5.285f | 6.130 | 19829812 | 1181828  | 19.738   | 0.687 #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.287 | 0        | 618401   | N.D.     | 0.367      |
| 13)                         | MA Dieldrin     | 5.524  | 6.436 | 45472131 | 67392739 | 41.031   | 37.237     |
| 14)                         | MA Endrin       | 5.777  | 6.653 | 37574496 | 53126270 | 41.949   | 38.035     |
| 15)                         | B Endosulfa...  | 0.000  | 6.862 | 0        | 695582   | N.D.     | 0.447      |
| 16)                         | A 4,4'-DDD      | 5.911  | 6.775 | 33821161 | 53234024 | 41.730   | 37.211     |
| 17)                         | MA 4,4'-DDT     | 6.146  | 7.073 | 30146560 | 51220793 | 44.465   | 37.790     |
| 18)                         | B Endrin al...  | 0.000  | 6.984 | 0        | 933746   | N.D.     | 0.705      |
| 19)                         | B Endosulfa...  | 0.000  | 7.205 | 0        | 440108   | N.D.     | 0.295      |
| 20)                         | A Methoxychlor  | 6.695  | 7.530 | 79374568 | 144.2E6  | 217.662  | 187.094    |
| 21)                         | B Endrin ke...  | 0.000  | 7.675 | 0        | 2369954  | N.D.     | 1.480      |
| 22)                         | Toxaphene-1     | 5.524  | 6.387 | 45472131 | 1099464  | 7770.223 | 140.800 #  |
| 23)                         | Toxaphene-2     | 0.000  | 6.653 | 0        | 53126270 | N.D.     | 5454.797   |
| 24)                         | Toxaphene-3     | 5.911  | 7.073 | 33821161 | 51220793 | 6280.669 | 3776.471 # |
| 25)                         | Toxaphene-4     | 6.146  | 7.073 | 30146560 | 51220793 | 1973.771 | 1329.322 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.613 | 0        | 684458   | N.D.     | 37.720     |
| -----                       |                 |        |       |          |          |          |            |

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

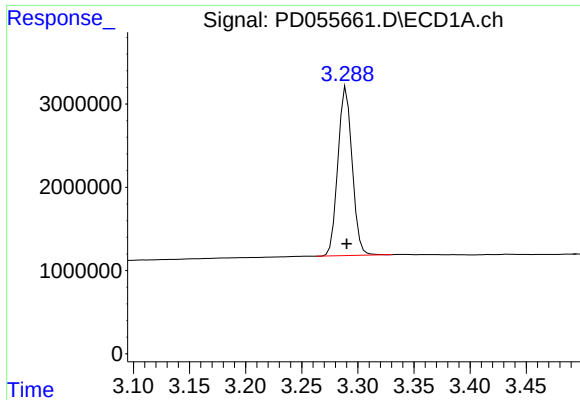
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102819\  
Data File : PD055661.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2019 00:18  
Operator : SG\AJ  
Sample : INDA335  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:17:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
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



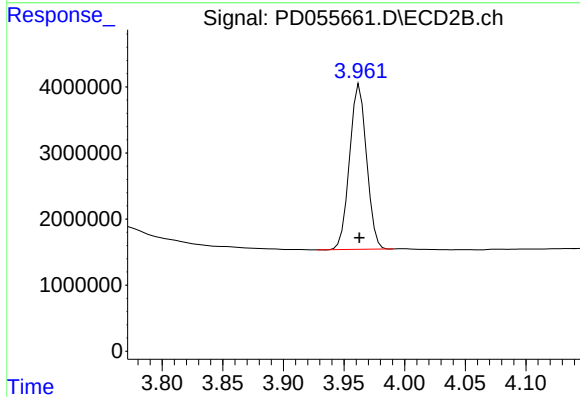
Instrument :  
ECD\_D  
ClientSampled :  
INDA336



#1 Tetrachloro-m-xylene

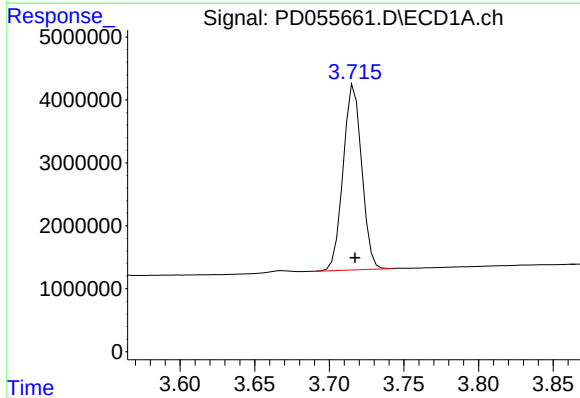
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 17937768  
Conc: 20.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



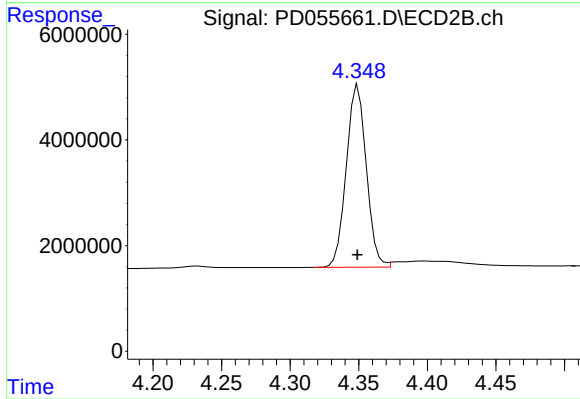
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 24371877  
Conc: 18.10 ng/ml



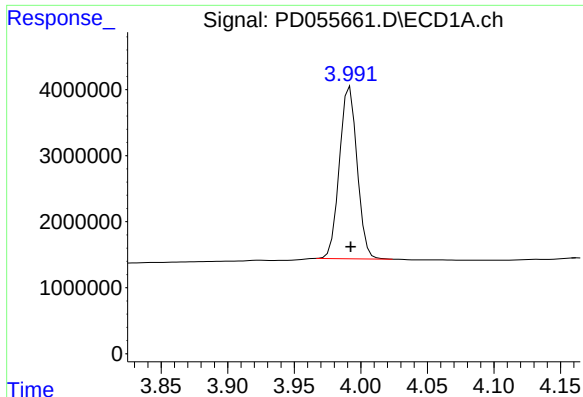
#2 alpha-BHC

R.T.: 3.717 min  
Delta R.T.: 0.000 min  
Response: 25557082  
Conc: 20.35 ng/ml



#2 alpha-BHC

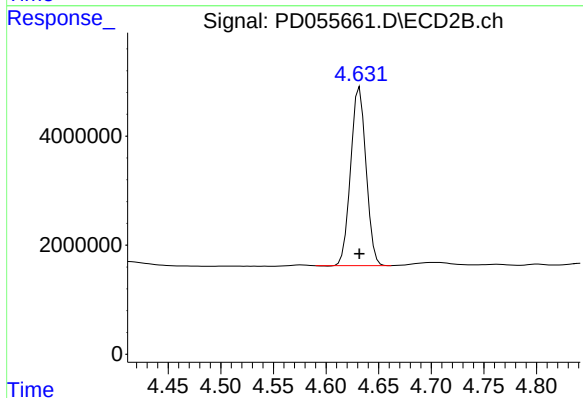
R.T.: 4.350 min  
Delta R.T.: 0.000 min  
Response: 34988877  
Conc: 17.99 ng/ml



#3 gamma-BHC (Lindane)

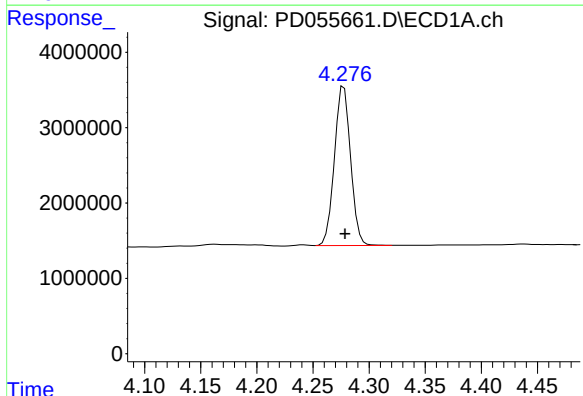
R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 24102541  
Conc: 20.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



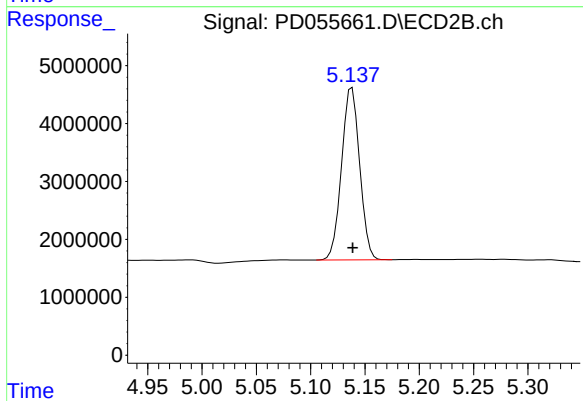
#3 gamma-BHC (Lindane)

R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 33423966  
Conc: 18.13 ng/ml



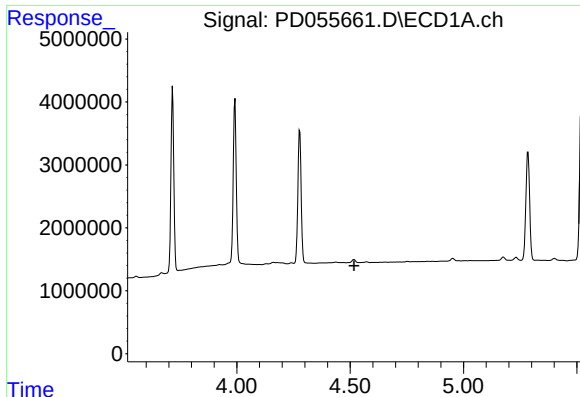
#4 Heptachlor

R.T.: 4.278 min  
Delta R.T.: -0.001 min  
Response: 21227163  
Conc: 23.33 ng/ml



#4 Heptachlor

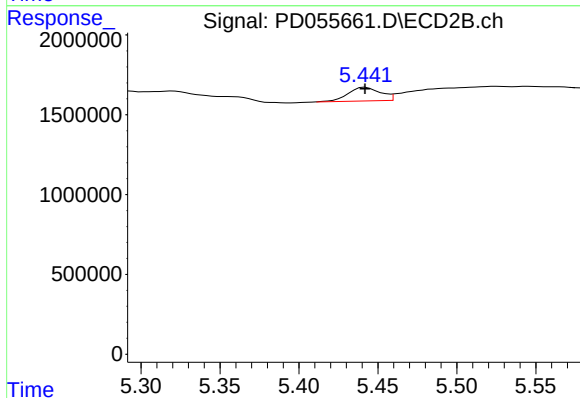
R.T.: 5.138 min  
Delta R.T.: 0.000 min  
Response: 34498200  
Conc: 18.50 ng/ml



#5 Aldrin

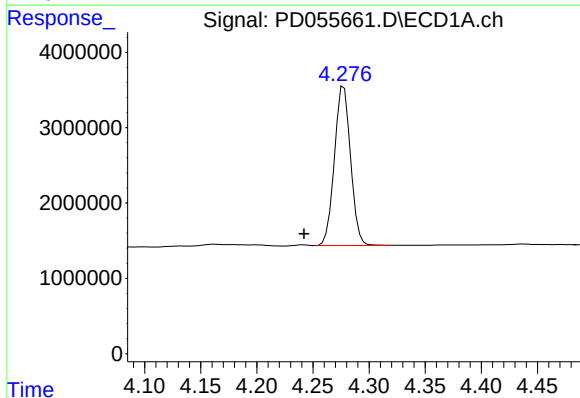
R.T.: 0.000 min  
Exp R.T.: 4.518 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



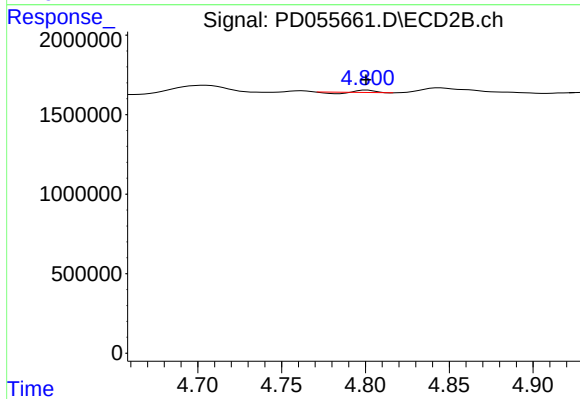
#5 Aldrin

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 1214253  
Conc: 0.70 ng/ml



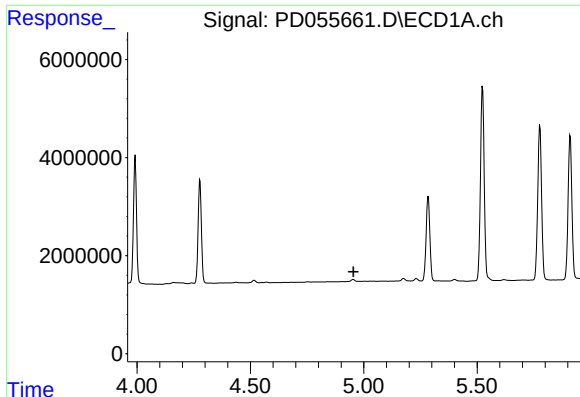
#6 beta-BHC

R.T.: 4.278 min  
Delta R.T.: 0.036 min  
Response: 21227163  
Conc: 39.93 ng/ml



#6 beta-BHC

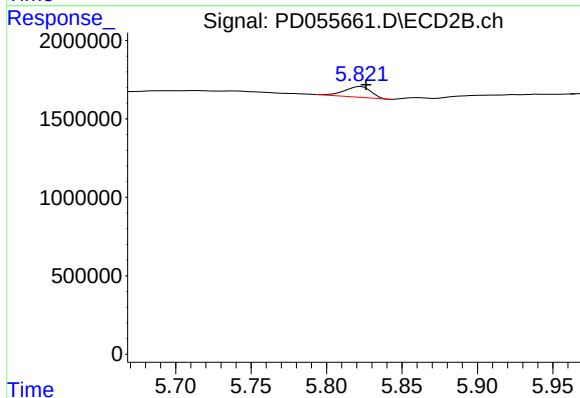
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 36459  
Conc: N.D.



#8 Heptachlor epoxide

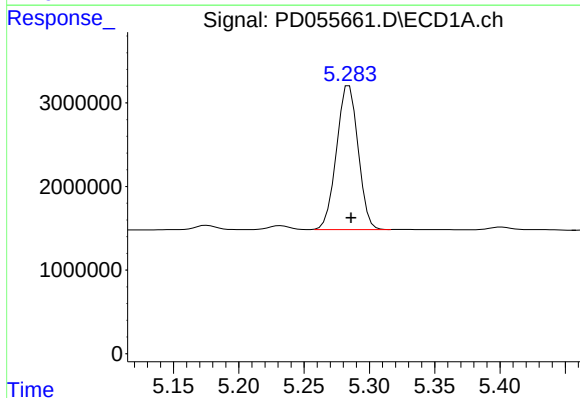
R.T.: 0.000 min  
Exp R.T.: 4.955 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



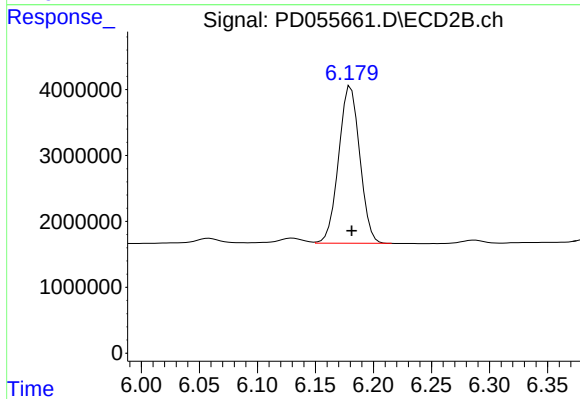
#8 Heptachlor epoxide

R.T.: 5.823 min  
Delta R.T.: -0.003 min  
Response: 834836  
Conc: 0.49 ng/ml



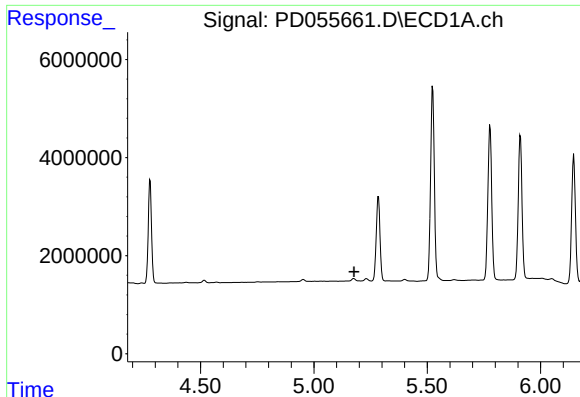
#9 Endosulfan I

R.T.: 5.285 min  
Delta R.T.: -0.001 min  
Response: 19829812  
Conc: 20.63 ng/ml



#9 Endosulfan I

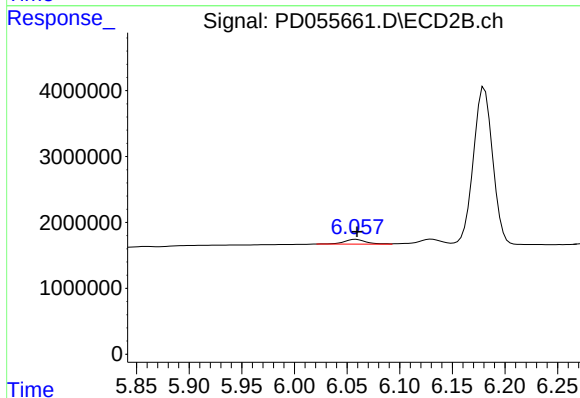
R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 30227714  
Conc: 18.44 ng/ml



#10 trans-Chlordane

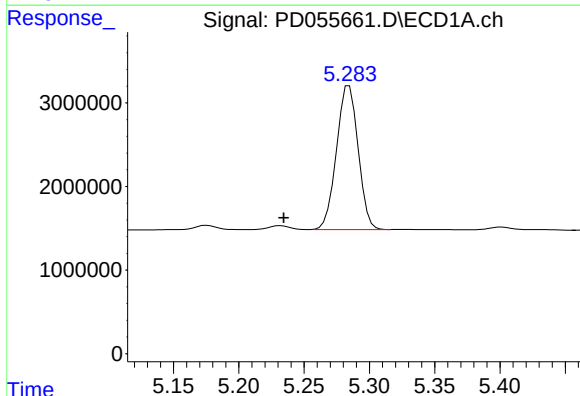
R.T.: 0.000 min  
Exp R.T.: 5.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



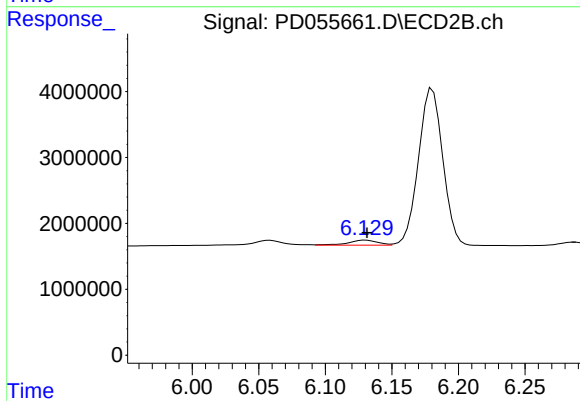
#10 trans-Chlordane

R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 1046061  
Conc: 0.59 ng/ml



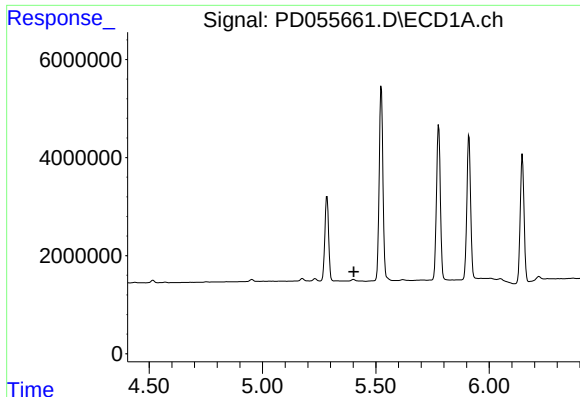
#11 cis-Chlordane

R.T.: 5.285 min  
Delta R.T.: 0.050 min  
Response: 19829812  
Conc: 19.74 ng/ml



#11 cis-Chlordane

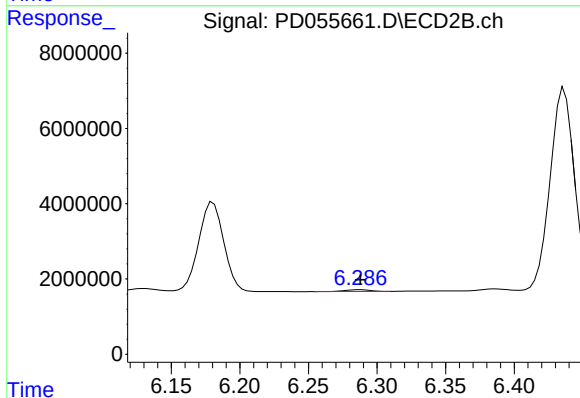
R.T.: 6.130 min  
Delta R.T.: -0.001 min  
Response: 1181828  
Conc: 0.69 ng/ml



#12 4,4'-DDE

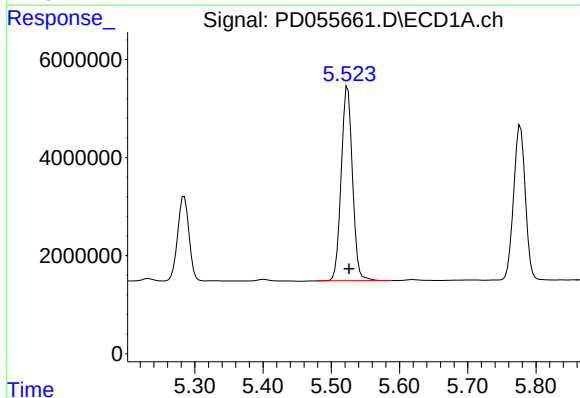
R.T.: 0.000 min  
Exp R.T.: 5.402 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



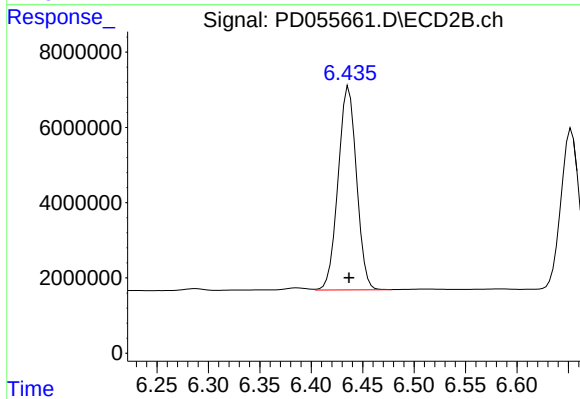
#12 4,4'-DDE

R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 618401  
Conc: 0.37 ng/ml



#13 Dieldrin

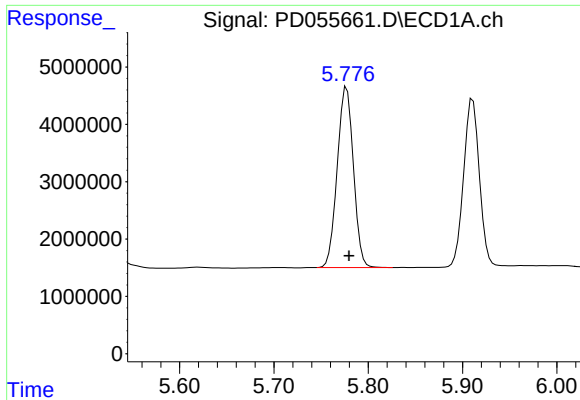
R.T.: 5.524 min  
Delta R.T.: -0.002 min  
Response: 45472131  
Conc: 41.03 ng/ml



#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 67392739  
Conc: 37.24 ng/ml

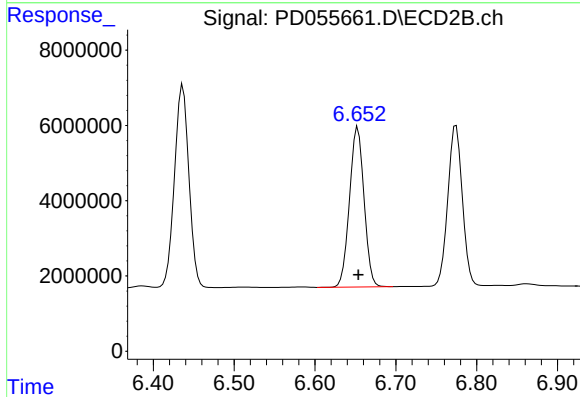




#14 Endrin

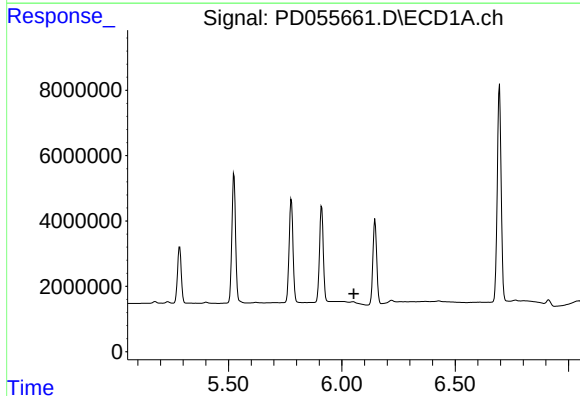
R.T.: 5.777 min  
Delta R.T.: -0.003 min  
Response: 37574496  
Conc: 41.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



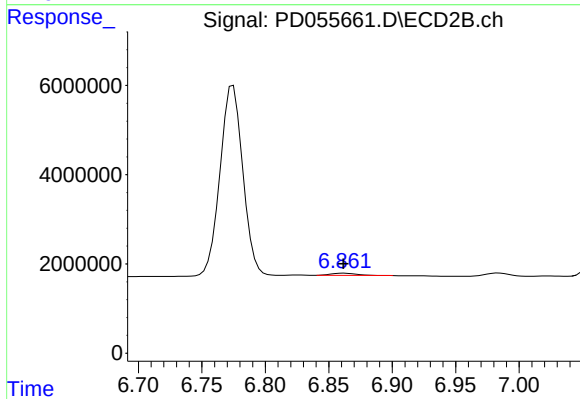
#14 Endrin

R.T.: 6.653 min  
Delta R.T.: 0.000 min  
Response: 53126270  
Conc: 38.03 ng/ml



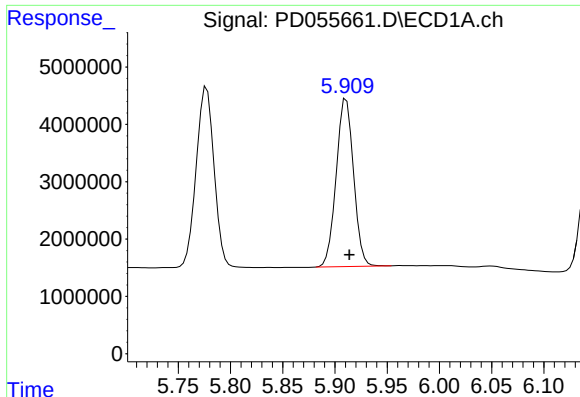
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.053 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

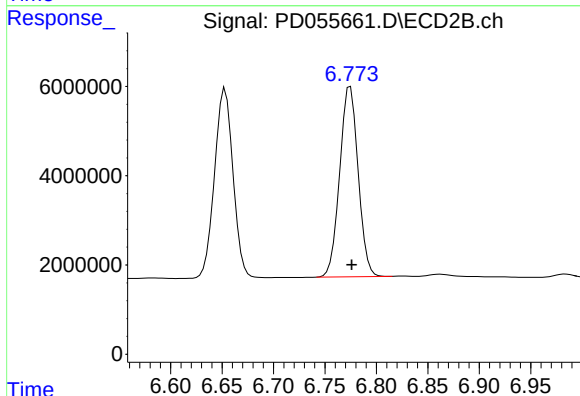
R.T.: 6.862 min  
Delta R.T.: 0.000 min  
Response: 695582  
Conc: 0.45 ng/ml



#16 4,4'-DDD

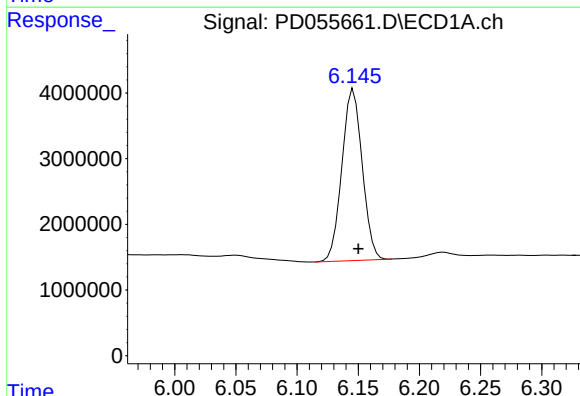
R.T.: 5.911 min  
Delta R.T.: -0.003 min  
Response: 33821161  
Conc: 41.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



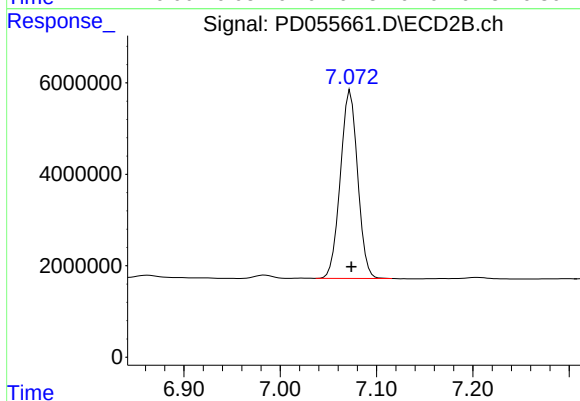
#16 4,4'-DDD

R.T.: 6.775 min  
Delta R.T.: -0.001 min  
Response: 53234024  
Conc: 37.21 ng/ml



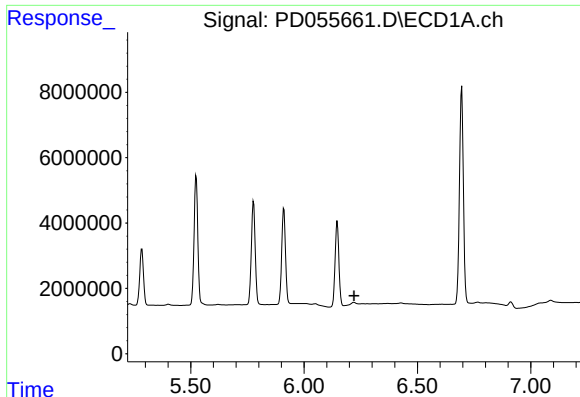
#17 4,4'-DDT

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 30146560  
Conc: 44.46 ng/ml



#17 4,4'-DDT

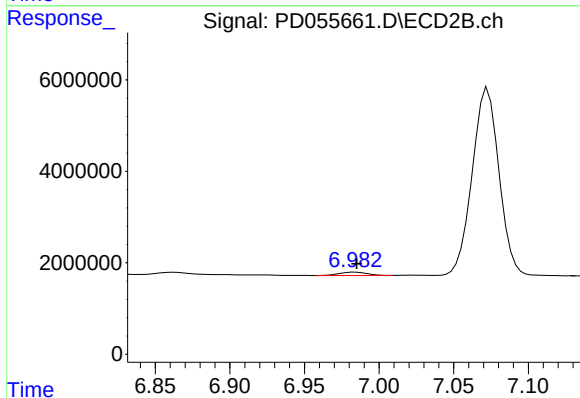
R.T.: 7.073 min  
Delta R.T.: -0.001 min  
Response: 51220793  
Conc: 37.79 ng/ml



#18 Endrin aldehyde

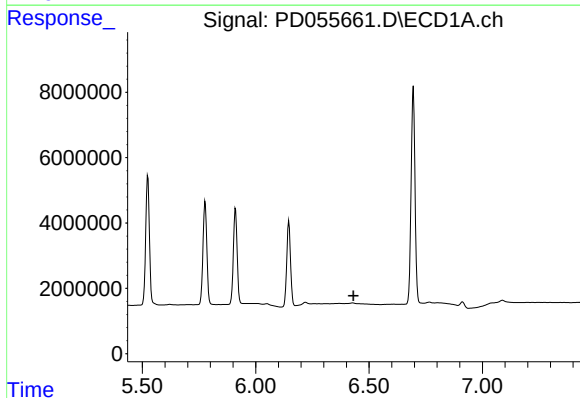
R.T.: 0.000 min  
Exp R.T.: 6.221 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



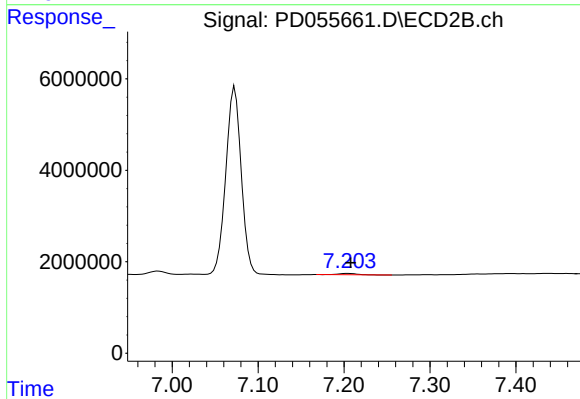
#18 Endrin aldehyde

R.T.: 6.984 min  
Delta R.T.: -0.001 min  
Response: 933746  
Conc: 0.71 ng/ml



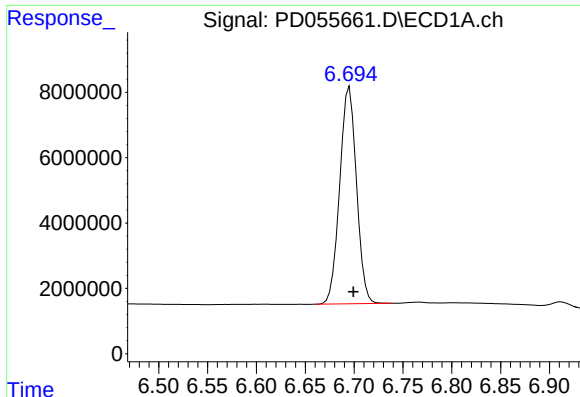
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.432 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

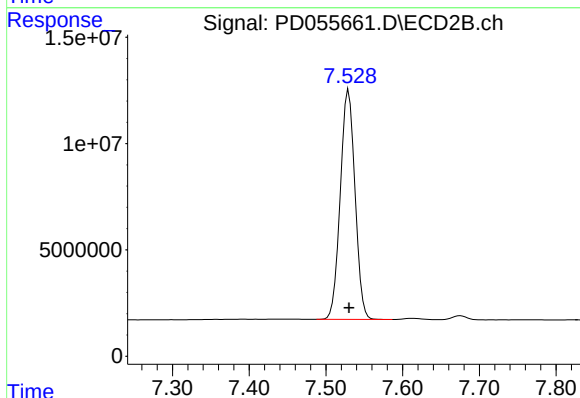
R.T.: 7.205 min  
Delta R.T.: -0.003 min  
Response: 440108  
Conc: 0.30 ng/ml



#20 Methoxychlor

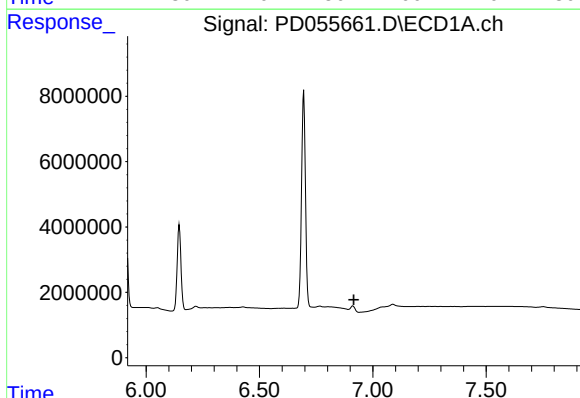
R.T.: 6.695 min  
Delta R.T.: -0.004 min  
Response: 79374568  
Conc: 217.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



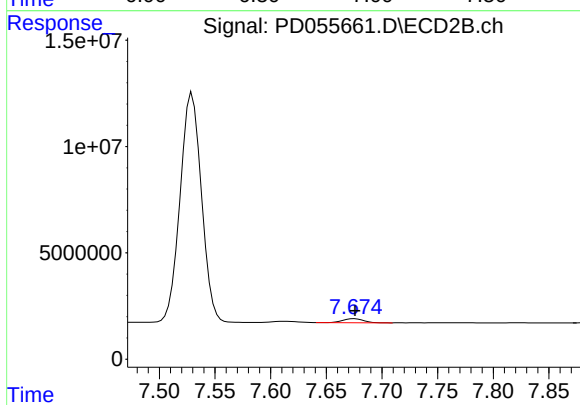
#20 Methoxychlor

R.T.: 7.530 min  
Delta R.T.: 0.000 min  
Response: 144236634  
Conc: 187.09 ng/ml



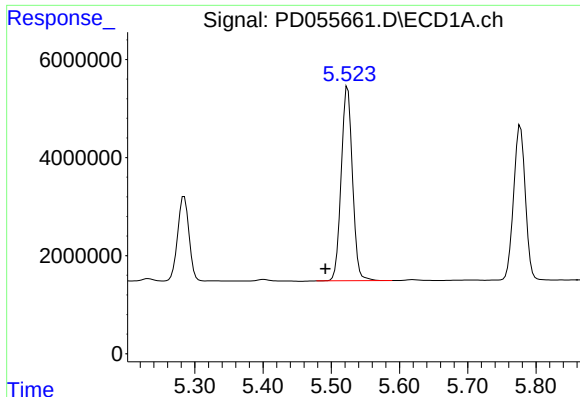
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.916 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

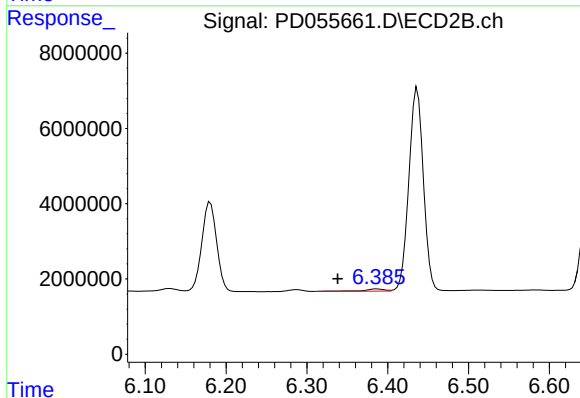
R.T.: 7.675 min  
Delta R.T.: 0.000 min  
Response: 2369954  
Conc: 1.48 ng/ml



#22 Toxaphene-1

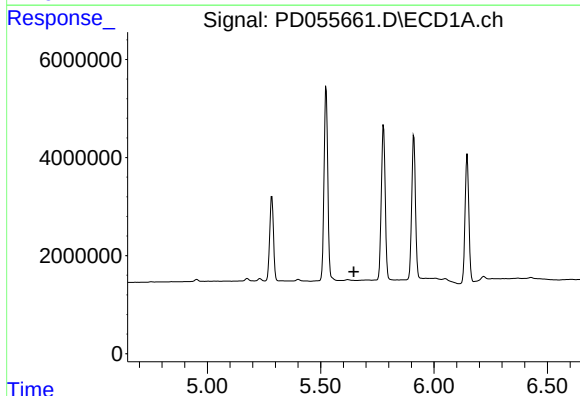
R.T.: 5.524 min  
Delta R.T.: 0.033 min  
Response: 45472131  
Conc: 7770.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



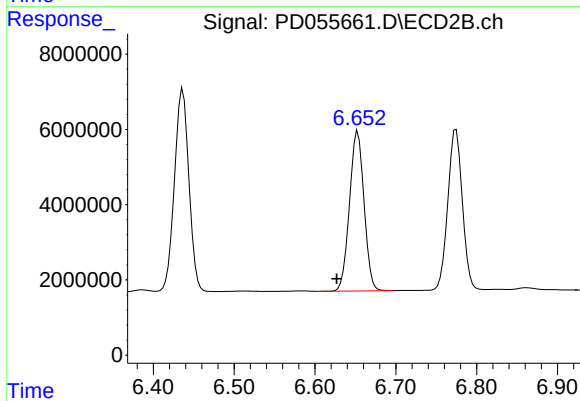
#22 Toxaphene-1

R.T.: 6.387 min  
Delta R.T.: 0.048 min  
Response: 1099464  
Conc: 140.80 ng/ml



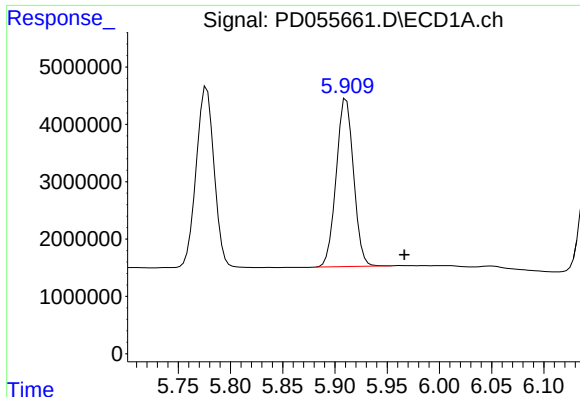
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 5.646 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

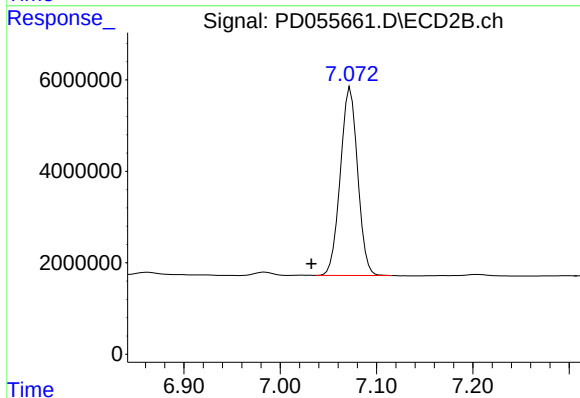
R.T.: 6.653 min  
Delta R.T.: 0.026 min  
Response: 53126270  
Conc: 5454.80 ng/ml



#24 Toxaphene-3

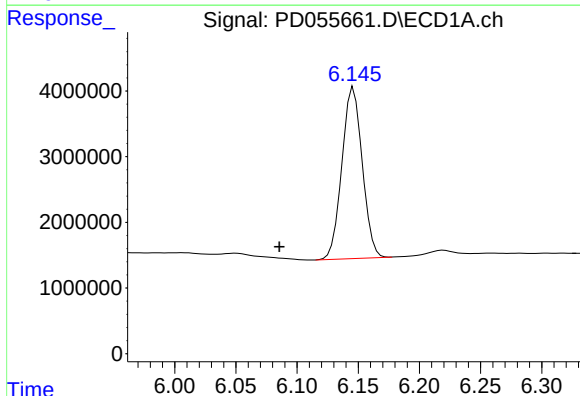
R.T.: 5.911 min  
Delta R.T.: -0.056 min  
Response: 33821161  
Conc: 6280.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



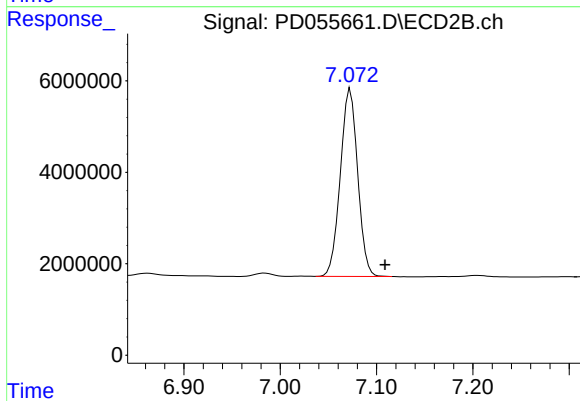
#24 Toxaphene-3

R.T.: 7.073 min  
Delta R.T.: 0.041 min  
Response: 51220793  
Conc: 3776.47 ng/ml



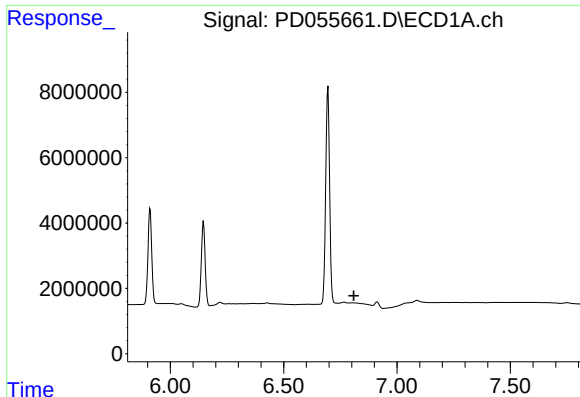
#25 Toxaphene-4

R.T.: 6.146 min  
Delta R.T.: 0.061 min  
Response: 30146560  
Conc: 1973.77 ng/ml



#25 Toxaphene-4

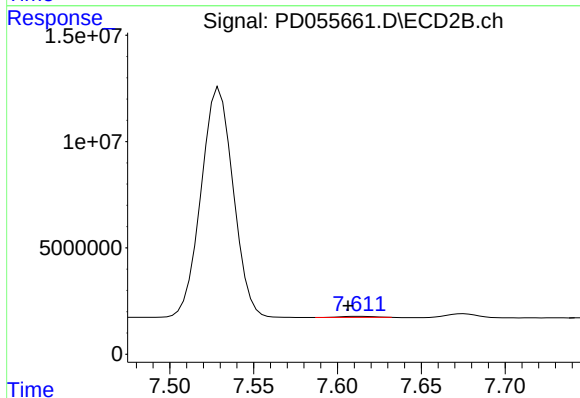
R.T.: 7.073 min  
Delta R.T.: -0.036 min  
Response: 51220793  
Conc: 1329.32 ng/ml



#26 Toxaphene-5

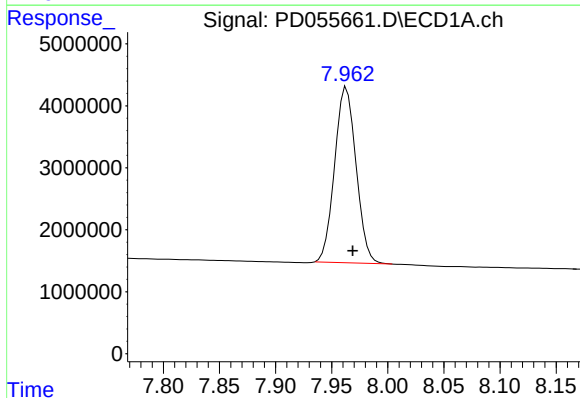
R.T.: 0.000 min  
Exp R.T.: 6.810 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA336



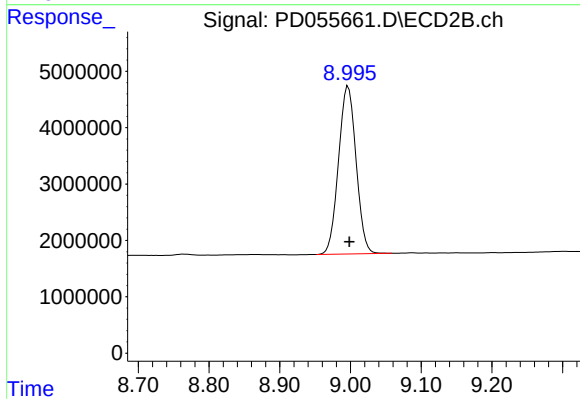
#26 Toxaphene-5

R.T.: 7.613 min  
Delta R.T.: 0.007 min  
Response: 684458  
Conc: 37.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.963 min  
Delta R.T.: -0.006 min  
Response: 37693535  
Conc: 41.16 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: -0.002 min  
Response: 51430016  
Conc: 39.42 ng/ml