

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022520\  
 Data File : PD057451.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Feb 2020 11:16  
 Operator : AJ\MA  
 Sample : INDA323  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 26 02:47:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022120CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 24 16:58:05 2020  
 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

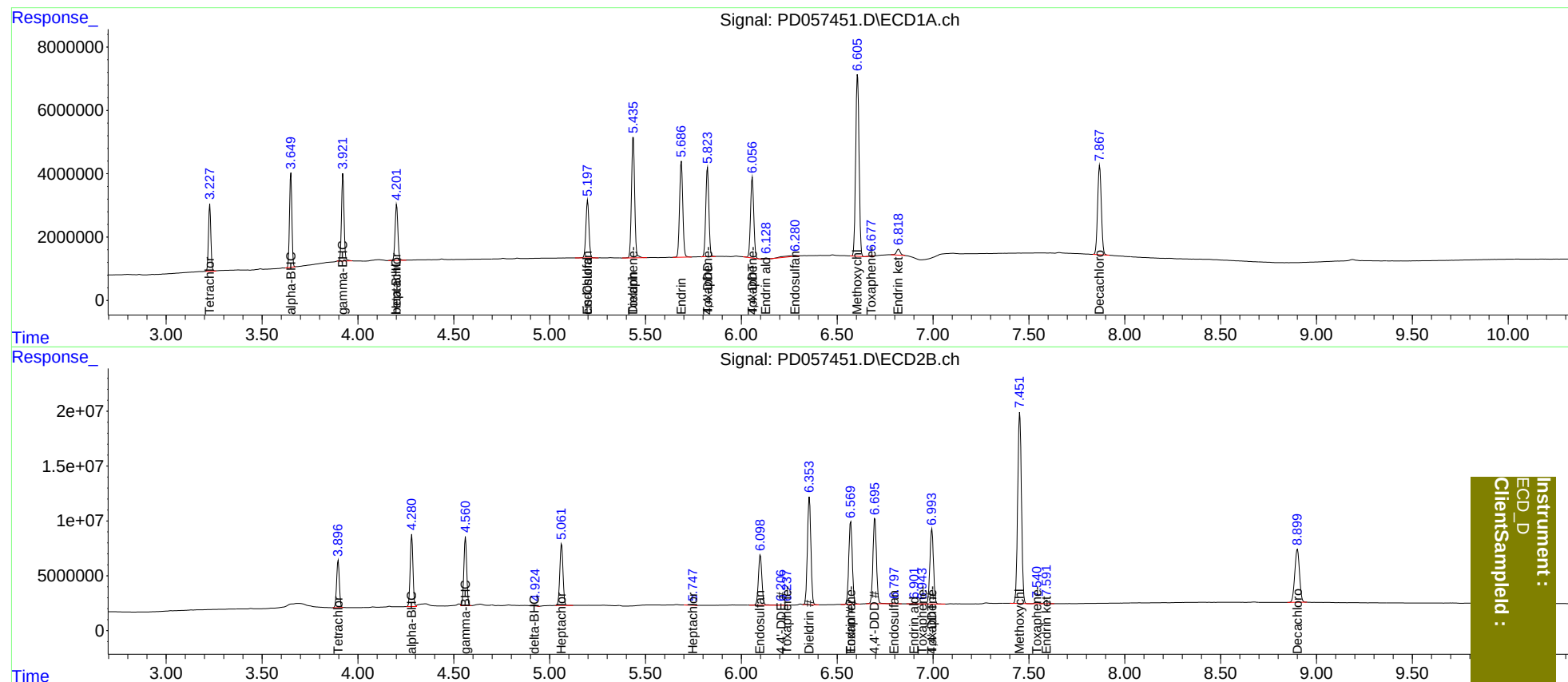
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.228  | 3.897 | 18279591 | 42689889 | 21.278   | 21.054     |
| 27)                         | SA Decachlor... | 7.869  | 8.900 | 37793800 | 82360228 | 41.586   | 37.583     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.651  | 4.281 | 25593238 | 65276980 | 21.331   | 21.096     |
| 3)                          | MA gamma-BHC... | 3.922  | 4.561 | 25246749 | 65024893 | 21.296   | 19.790     |
| 4)                          | MA Heptachlor   | 4.202  | 5.063 | 17909385 | 64956677 | 21.260   | 20.105     |
| 5)                          | MB Aldrin       | 0.000  | 5.362 | 0        | 296471   | N.D.     | <MDL       |
| 6)                          | B beta-BHC      | 4.202f | 4.732 | 17909385 | -324152  | 33.593   | N.D. #     |
| 7)                          | B delta-BHC     | 4.314f | 4.922 | 72453    | 1160956  | <MDL     | 0.384 #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.747 | 0        | 852332   | N.D.     | 0.277      |
| 9)                          | A Endosulfan I  | 5.199  | 6.099 | 20129147 | 58284810 | 21.617   | 20.587     |
| 10)                         | B trans-Chl...  | 0.000  | 5.997 | 0        | 115405   | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 5.199f | 6.021 | 20129147 | 106689   | 19.603   | <MDL #     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.207 | 0        | 356447   | N.D.     | 0.120      |
| 13)                         | MA Dieldrin     | 5.437  | 6.355 | 43963962 | 123.1E6  | 42.051   | 40.334     |
| 14)                         | MA Endrin       | 5.688  | 6.571 | 35531655 | 96009334 | 41.398   | 39.680     |
| 15)                         | B Endosulfa...  | 0.000  | 6.798 | 0        | 1249877  | N.D.     | 0.478      |
| 16)                         | A 4,4'-DDD      | 5.824  | 6.697 | 31625938 | 98737799 | 41.303   | 39.326     |
| 17)                         | MA 4,4'-DDT     | 6.058  | 6.994 | 29744995 | 89091535 | 42.509   | 39.190     |
| 18)                         | B Endrin al...  | 6.130  | 6.902 | 219494   | 1166778  | 0.283    | 0.514 #    |
| 19)                         | B Endosulfa...  | 6.283f | 7.119 | 1883374  | 171991   | 2.024    | <MDL #     |
| 20)                         | A Methoxychlor  | 6.606  | 7.452 | 70862611 | 237.3E6  | 194.245  | 189.619    |
| 21)                         | B Endrin ke...  | 6.820  | 7.592 | 2546878  | 4160186  | 2.447    | 1.557 #    |
| 22)                         | Toxaphene-1     | 5.437  | 6.238 | 43963962 | 20824    | 7400.193 | 1.357 #    |
| 23)                         | Toxaphene-2     | 0.000  | 6.571 | 0        | 96009334 | N.D.     | 4912.502   |
| 24)                         | Toxaphene-3     | 5.824  | 6.944 | 31625938 | 191978   | 6229.109 | 7.912 #    |
| 25)                         | Toxaphene-4     | 6.058  | 6.994 | 29744995 | 89091535 | 1840.197 | 1262.010 # |
| 26)                         | Toxaphene-5     | 6.679  | 7.542 | 144570   | 2170446  | 7.542    | 66.654 #   |
| -----                       |                 |        |       |          |          |          |            |

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

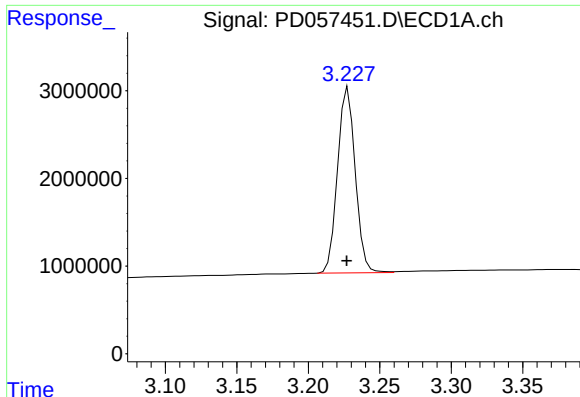
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022520\  
Data File : PD057451.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Feb 2020 11:16  
Operator : AJ\MA  
Sample : INDA323  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 02:47:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022120CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 24 16:58:05 2020  
Response via : Initial Calibration  
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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



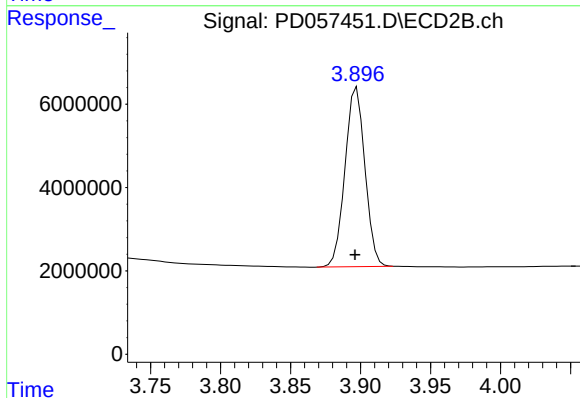
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

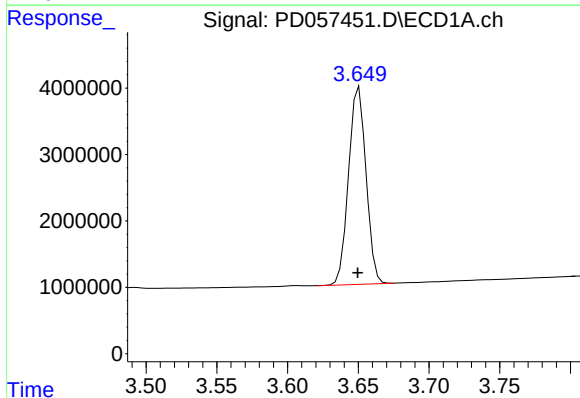
R.T.: 3.228 min  
Delta R.T.: 0.000 min  
Response: 18279591  
Conc: 21.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



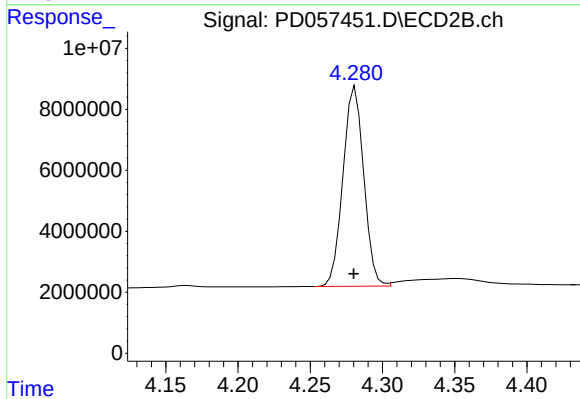
#1 Tetrachloro-m-xylene

R.T.: 3.897 min  
Delta R.T.: 0.001 min  
Response: 42689889  
Conc: 21.05 ng/ml



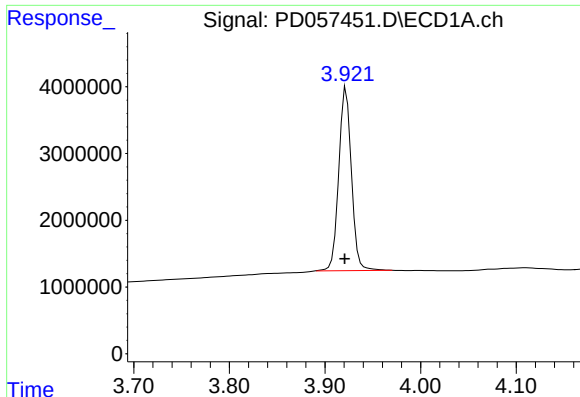
#2 alpha-BHC

R.T.: 3.651 min  
Delta R.T.: 0.001 min  
Response: 25593238  
Conc: 21.33 ng/ml



#2 alpha-BHC

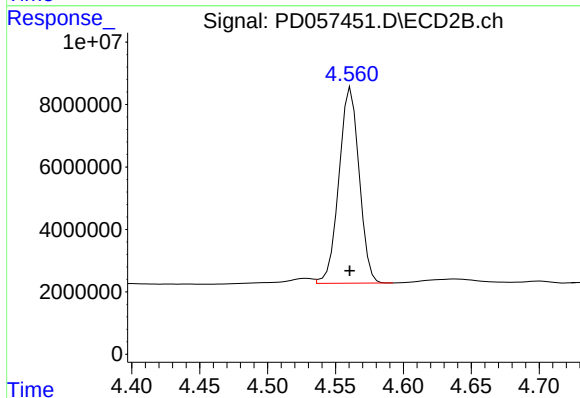
R.T.: 4.281 min  
Delta R.T.: 0.001 min  
Response: 65276980  
Conc: 21.10 ng/ml



#3 gamma-BHC (Lindane)

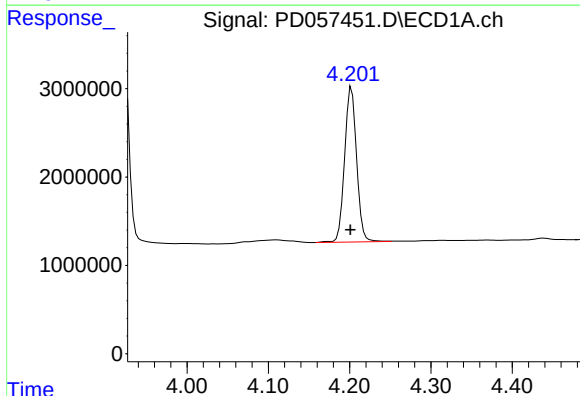
R.T.: 3.922 min  
Delta R.T.: 0.001 min  
Response: 25246749  
Conc: 21.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



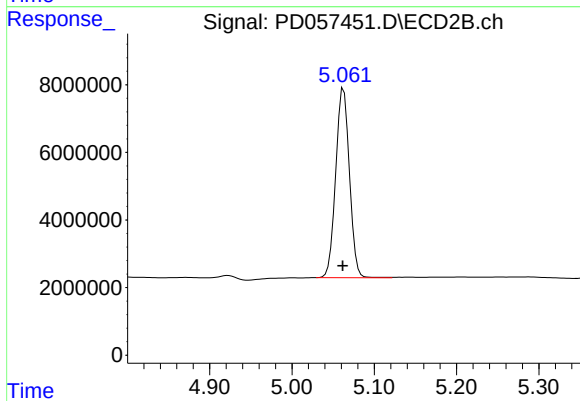
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: 0.001 min  
Response: 65024893  
Conc: 19.79 ng/ml



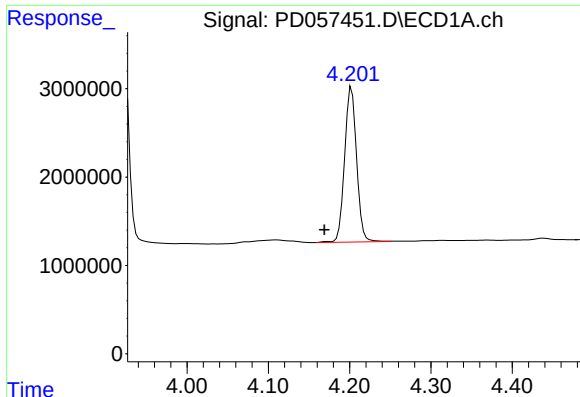
#4 Heptachlor

R.T.: 4.202 min  
Delta R.T.: 0.001 min  
Response: 17909385  
Conc: 21.26 ng/ml



#4 Heptachlor

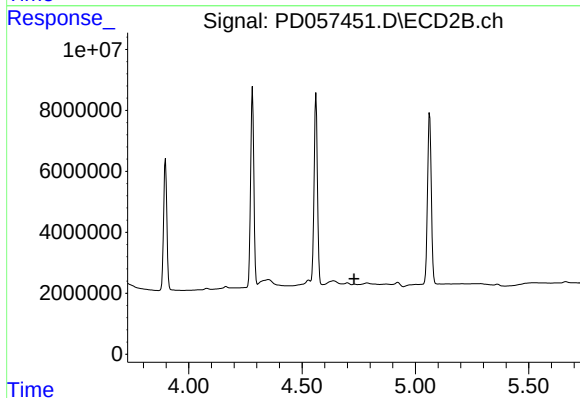
R.T.: 5.063 min  
Delta R.T.: 0.001 min  
Response: 64956677  
Conc: 20.10 ng/ml



#6 beta-BHC

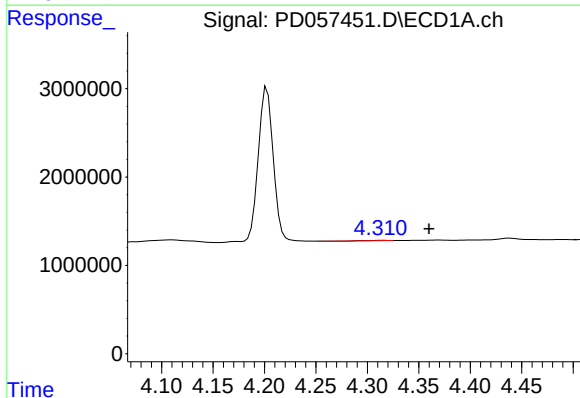
R.T.: 4.202 min  
Delta R.T.: 0.033 min  
Response: 17909385  
Conc: 33.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



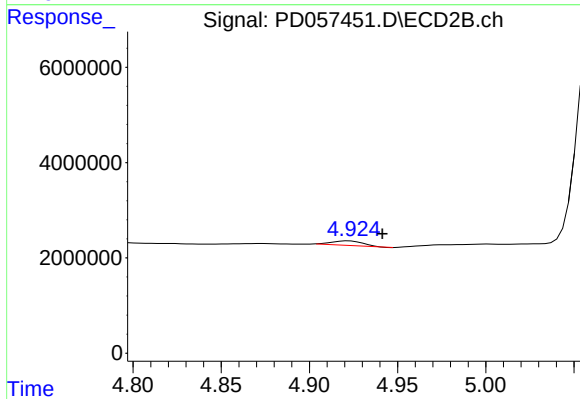
#6 beta-BHC

R.T.: 4.732 min  
Delta R.T.: 0.002 min  
Response: -324152  
Conc: N.D.



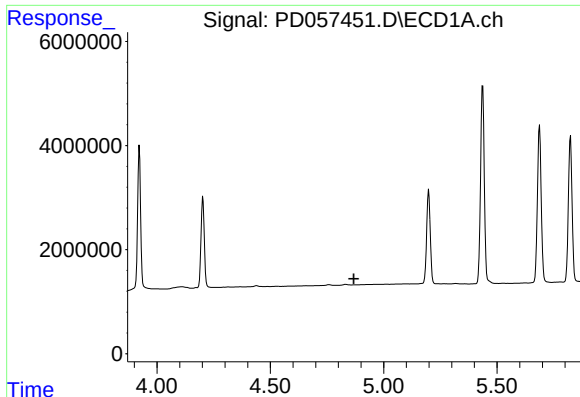
#7 delta-BHC

R.T.: 4.314 min  
Delta R.T.: -0.046 min  
Response: 72453  
Conc: N.D.



#7 delta-BHC

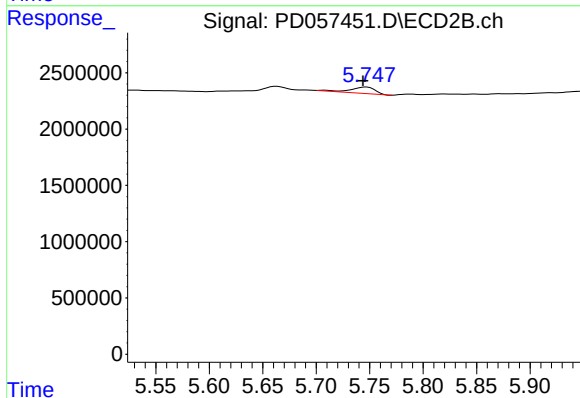
R.T.: 4.922 min  
Delta R.T.: -0.019 min  
Response: 1160956  
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

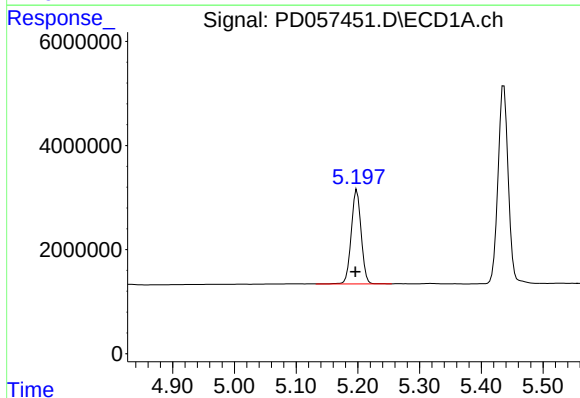
R.T.: 0.000 min  
Exp R.T.: 4.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



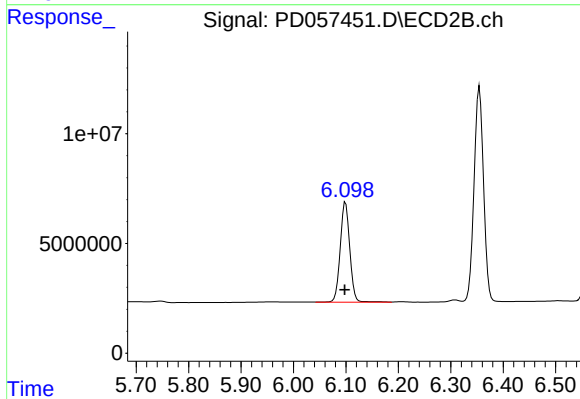
#8 Heptachlor epoxide

R.T.: 5.747 min  
Delta R.T.: 0.003 min  
Response: 852332  
Conc: 0.28 ng/ml



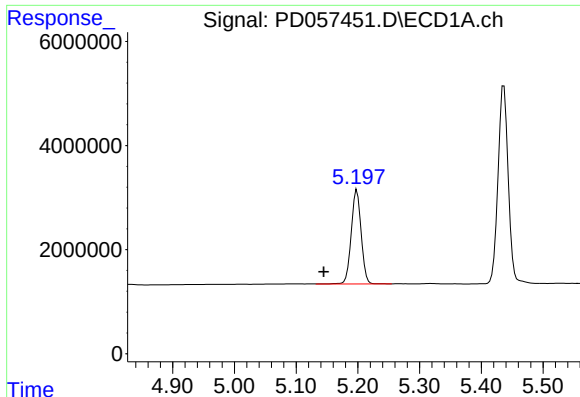
#9 Endosulfan I

R.T.: 5.199 min  
Delta R.T.: 0.003 min  
Response: 20129147  
Conc: 21.62 ng/ml



#9 Endosulfan I

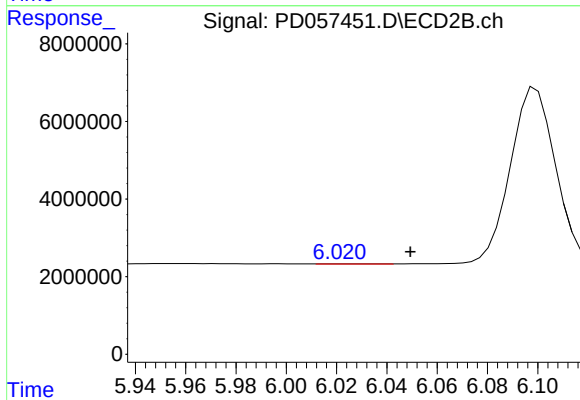
R.T.: 6.099 min  
Delta R.T.: 0.002 min  
Response: 58284810  
Conc: 20.59 ng/ml



#11 cis-Chlordane

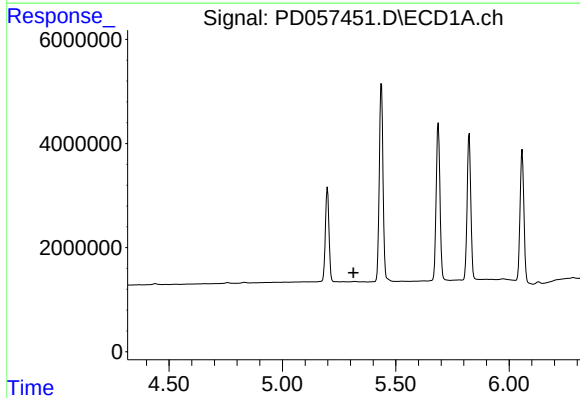
R.T.: 5.199 min  
Delta R.T.: 0.054 min  
Response: 20129147  
Conc: 19.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



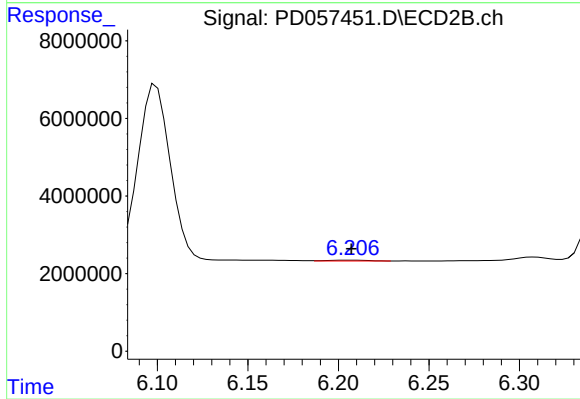
#11 cis-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.028 min  
Response: 106689  
Conc: N.D.



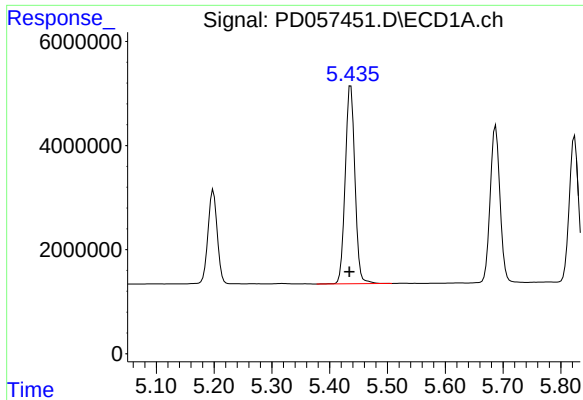
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.314 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

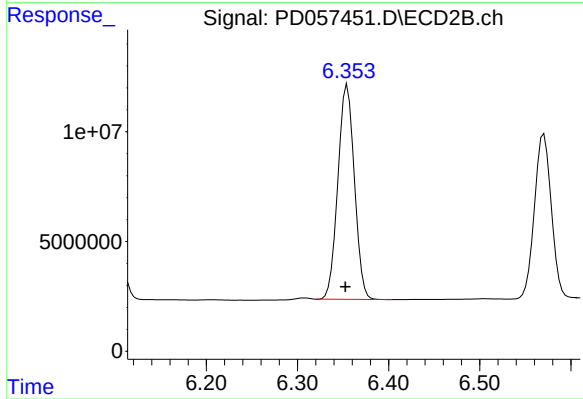
R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 356447  
Conc: 0.12 ng/ml



#13 Dieldrin

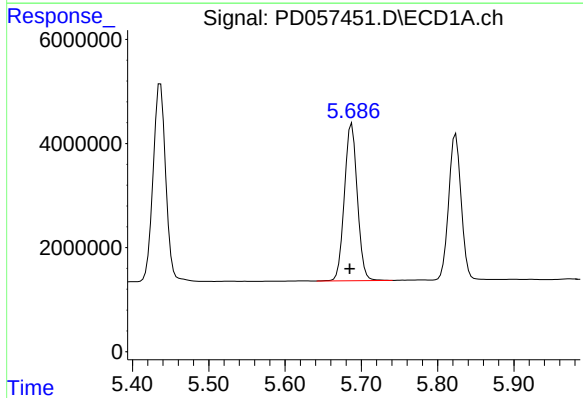
R.T.: 5.437 min  
Delta R.T.: 0.003 min  
Response: 43963962  
Conc: 42.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



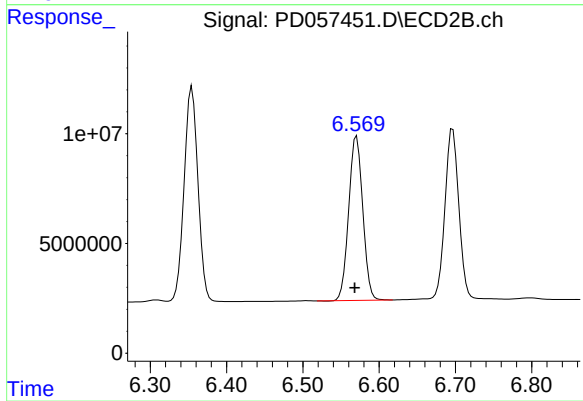
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 123123183  
Conc: 40.33 ng/ml



#14 Endrin

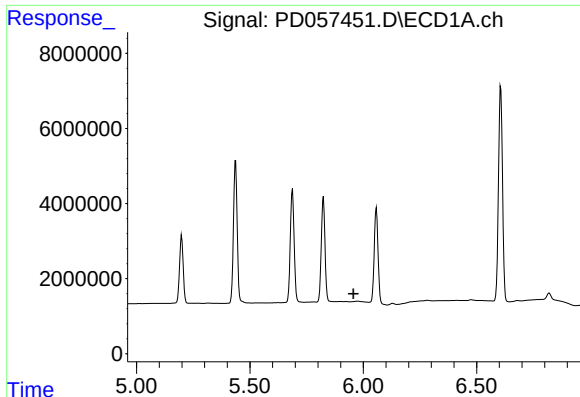
R.T.: 5.688 min  
Delta R.T.: 0.002 min  
Response: 35531655  
Conc: 41.40 ng/ml



#14 Endrin

R.T.: 6.571 min  
Delta R.T.: 0.002 min  
Response: 96009334  
Conc: 39.68 ng/ml

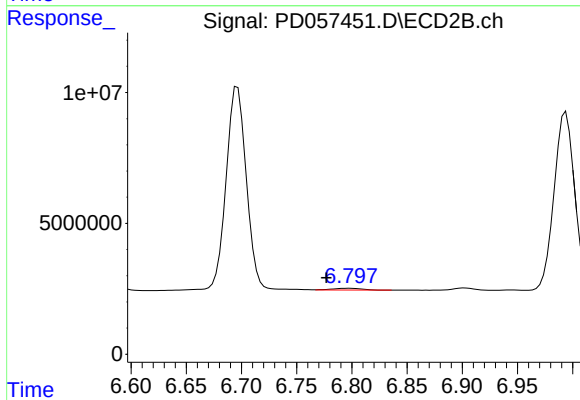




#15 Endosulfan II

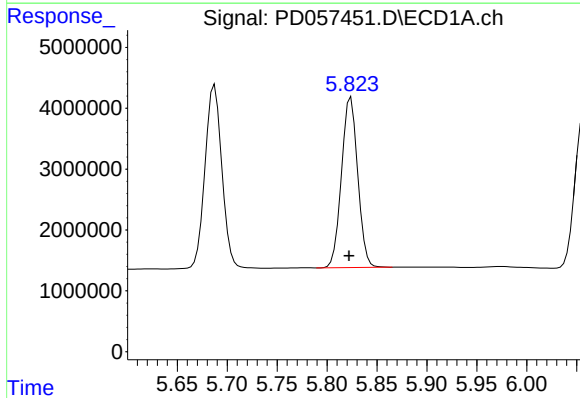
R.T.: 0.000 min  
Exp R.T.: 5.957 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



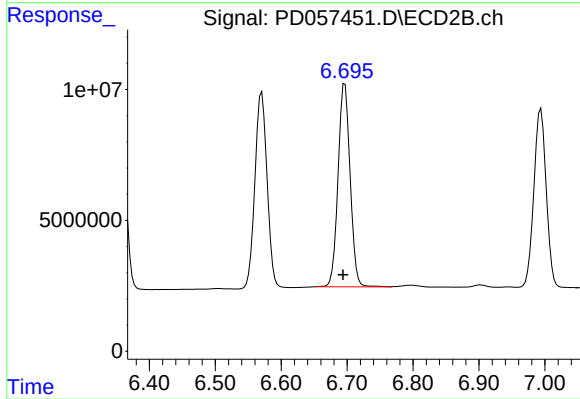
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.021 min  
Response: 1249877  
Conc: 0.48 ng/ml



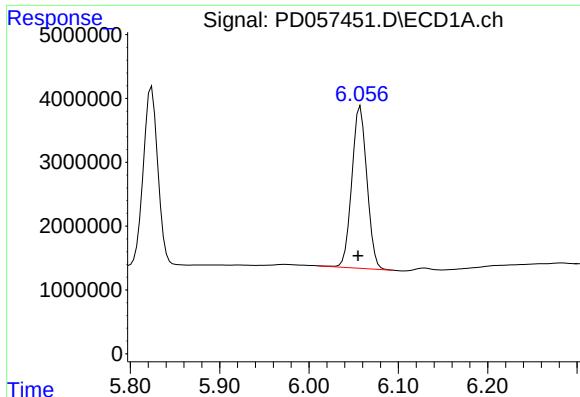
#16 4,4'-DDD

R.T.: 5.824 min  
Delta R.T.: 0.002 min  
Response: 31625938  
Conc: 41.30 ng/ml



#16 4,4'-DDD

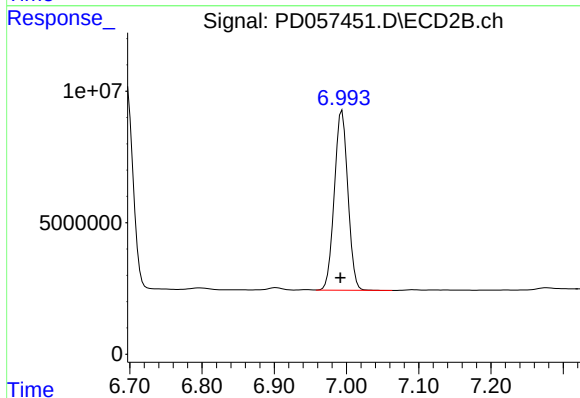
R.T.: 6.697 min  
Delta R.T.: 0.003 min  
Response: 98737799  
Conc: 39.33 ng/ml



#17 4,4'-DDT

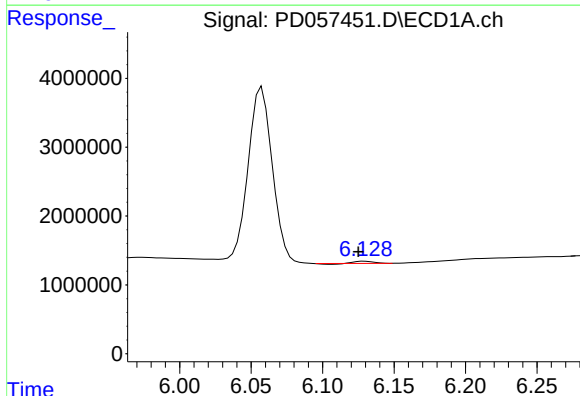
R.T.: 6.058 min  
Delta R.T.: 0.003 min  
Response: 29744995  
Conc: 42.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



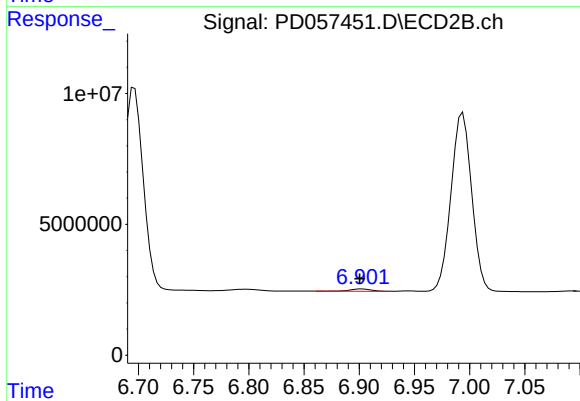
#17 4,4'-DDT

R.T.: 6.994 min  
Delta R.T.: 0.002 min  
Response: 89091535  
Conc: 39.19 ng/ml



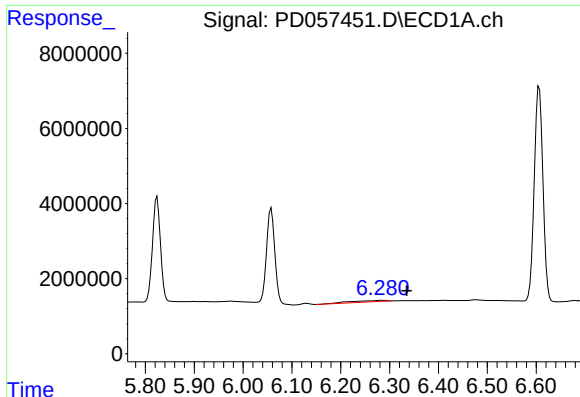
#18 Endrin aldehyde

R.T.: 6.130 min  
Delta R.T.: 0.005 min  
Response: 219494  
Conc: 0.28 ng/ml



#18 Endrin aldehyde

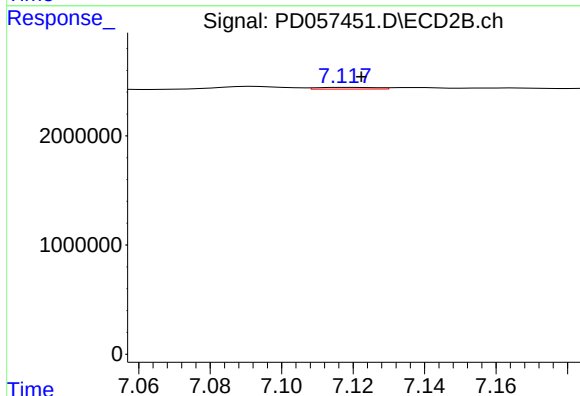
R.T.: 6.902 min  
Delta R.T.: 0.002 min  
Response: 1166778  
Conc: 0.51 ng/ml



#19 Endosulfan Sulfate

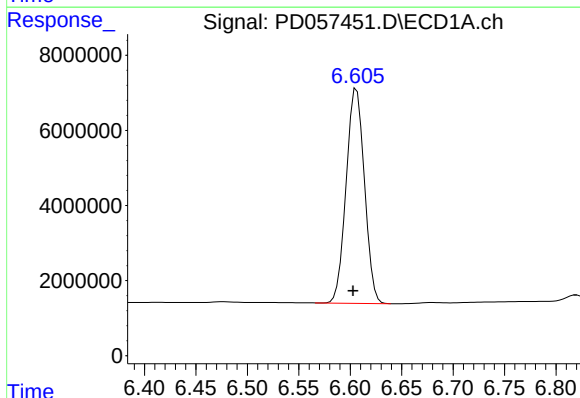
R.T.: 6.283 min  
Delta R.T.: -0.052 min  
Response: 1883374  
Conc: 2.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



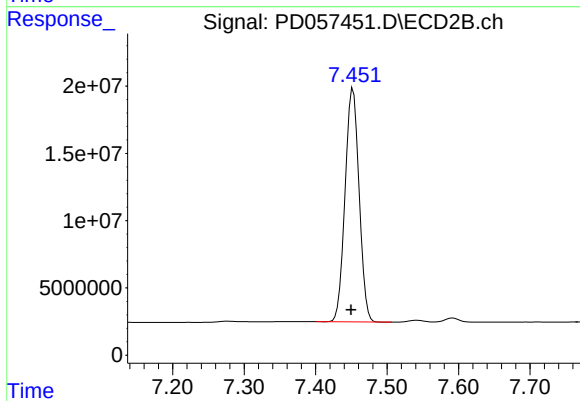
#19 Endosulfan Sulfate

R.T.: 7.119 min  
Delta R.T.: -0.004 min  
Response: 171991  
Conc: N.D.



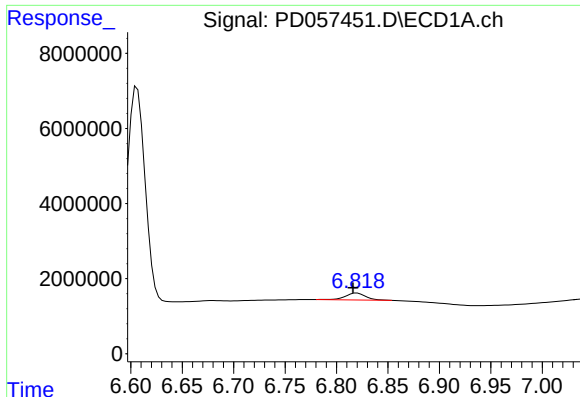
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: 0.003 min  
Response: 70862611  
Conc: 194.25 ng/ml



#20 Methoxychlor

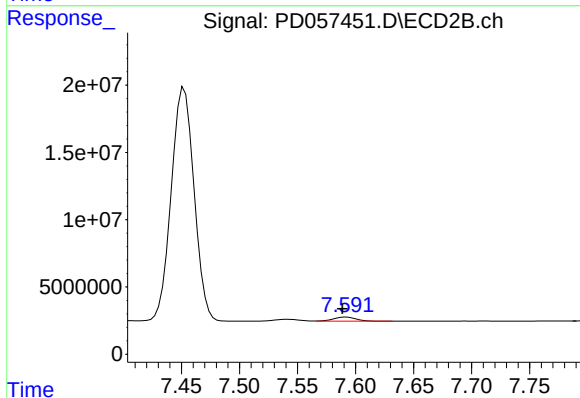
R.T.: 7.452 min  
Delta R.T.: 0.003 min  
Response: 237277504  
Conc: 189.62 ng/ml



#21 Endrin ketone

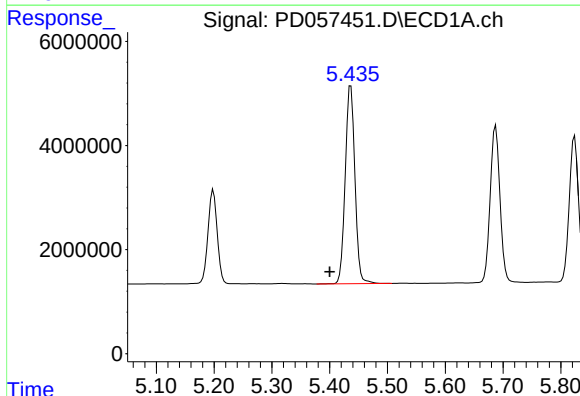
R.T.: 6.820 min  
Delta R.T.: 0.004 min  
Response: 2546878  
Conc: 2.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



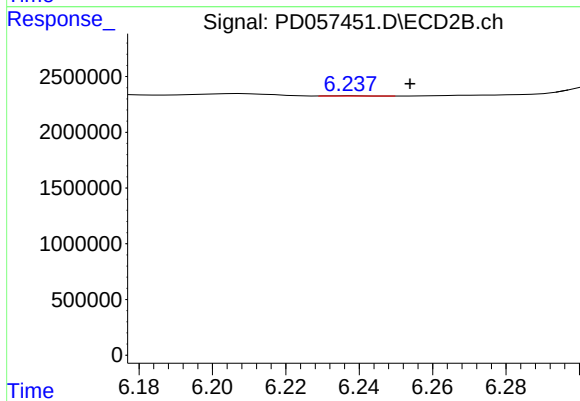
#21 Endrin ketone

R.T.: 7.592 min  
Delta R.T.: 0.003 min  
Response: 4160186  
Conc: 1.56 ng/ml



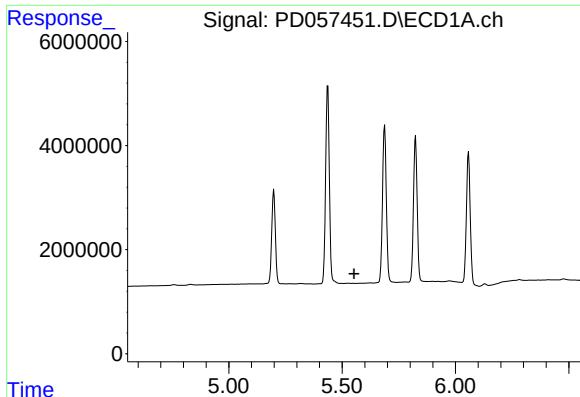
#22 Toxaphene-1

R.T.: 5.437 min  
Delta R.T.: 0.037 min  
Response: 43963962  
Conc: 7400.19 ng/ml



#22 Toxaphene-1

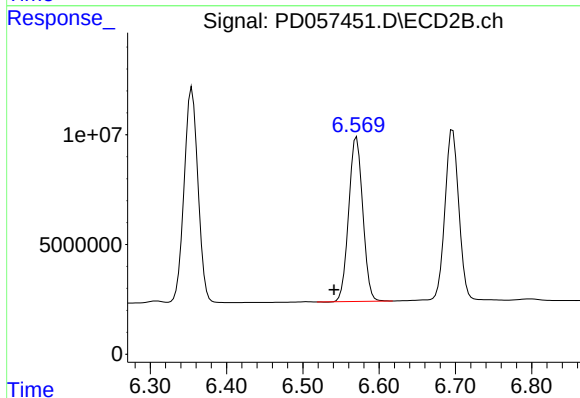
R.T.: 6.238 min  
Delta R.T.: -0.016 min  
Response: 20824  
Conc: 1.36 ng/ml



#23 Toxaphene-2

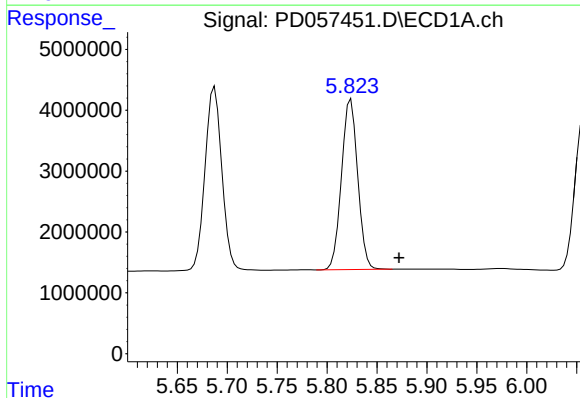
R.T.: 0.000 min  
Exp R.T.: 5.552 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



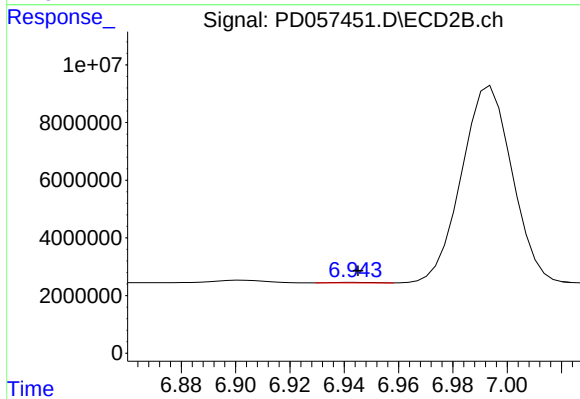
#23 Toxaphene-2

R.T.: 6.571 min  
Delta R.T.: 0.030 min  
Response: 96009334  
Conc: 4912.50 ng/ml



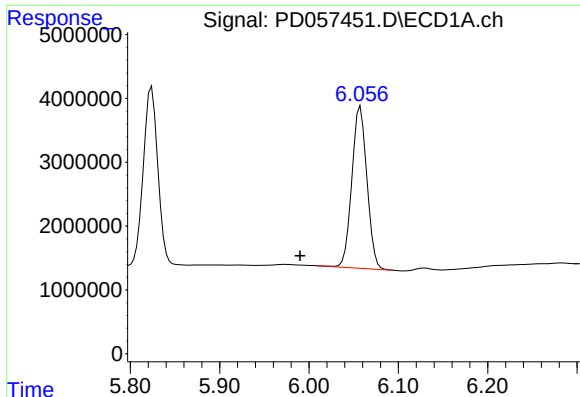
#24 Toxaphene-3

R.T.: 5.824 min  
Delta R.T.: -0.048 min  
Response: 31625938  
Conc: 6229.11 ng/ml



#24 Toxaphene-3

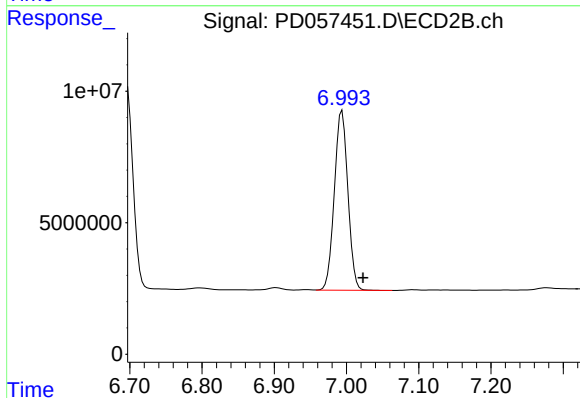
R.T.: 6.944 min  
Delta R.T.: 0.000 min  
Response: 191978  
Conc: 7.91 ng/ml



#25 Toxaphene-4

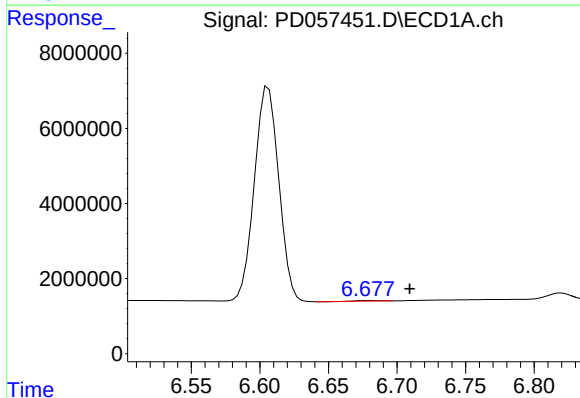
R.T.: 6.058 min  
Delta R.T.: 0.068 min  
Response: 29744995  
Conc: 1840.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



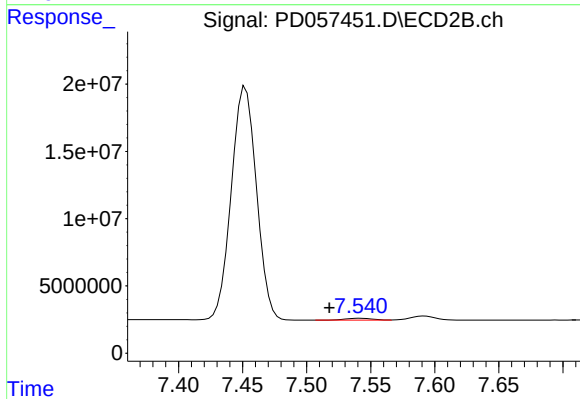
#25 Toxaphene-4

R.T.: 6.994 min  
Delta R.T.: -0.029 min  
Response: 89091535  
Conc: 1262.01 ng/ml



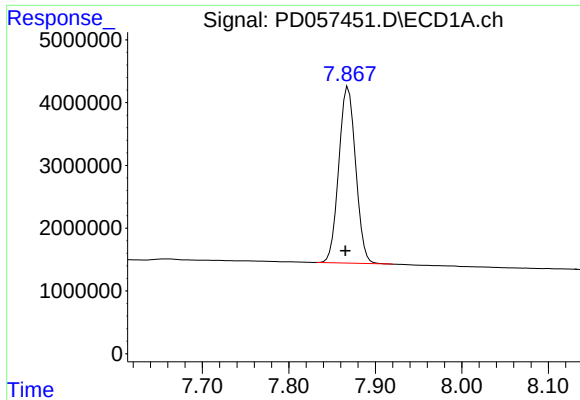
#26 Toxaphene-5

R.T.: 6.679 min  
Delta R.T.: -0.030 min  
Response: 144570  
Conc: 7.54 ng/ml



#26 Toxaphene-5

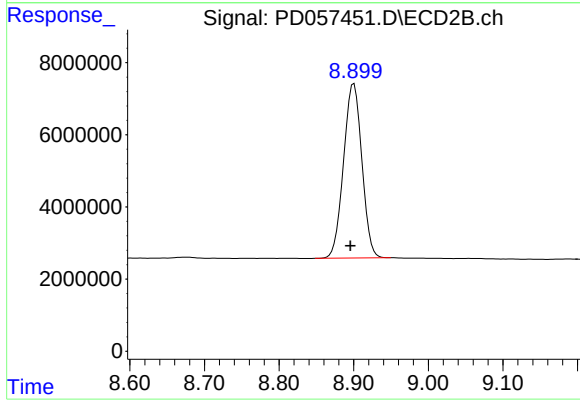
R.T.: 7.542 min  
Delta R.T.: 0.024 min  
Response: 2170446  
Conc: 66.65 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: 0.003 min  
Response: 37793800  
Conc: 41.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.900 min  
Delta R.T.: 0.004 min  
Response: 82360228  
Conc: 37.58 ng/ml