

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062918\  
 Data File : PD048256.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jun 2018 12:32  
 Operator : UA/AJ  
 Sample : INDA338  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA338

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 29 22:49:49 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_D\Method\PD062818CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 29 16:27:50 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.394  | 4.007  | 24106464 | 412.4E6  | 19.949   | 20.256     |
| 2)                          | SA Decachlor... | 8.085  | 9.053  | 54490235 | 725.2E6  | 40.761   | 40.927     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.827  | 4.390  | 37687352 | 647.9E6  | 19.808   | 20.159     |
| 3)                          | MA gamma-BHC... | 4.105  | 4.672  | 36734280 | 581.9E6  | 19.590   | 20.061     |
| 4)                          | MA Heptachlor   | 4.393  | 5.188  | 35679656 | 595.8E6  | 20.167   | 20.593     |
| 6)                          | B beta-BHC      | 4.393f | 0.000  | 35679656 | 0        | 47.717   | N.D. #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.862  | 0        | 92320356 | N.D.     | 3.596      |
| 9)                          | A Endosulfan I  | 5.406  | 6.228  | 30181518 | 475.6E6  | 19.906   | 20.216     |
| 10)                         | B trans-Chl...  | 0.000  | 6.045f | 0        | 3425351  | N.D.     | 0.132      |
| 11)                         | B cis-Chlor...  | 5.406f | 6.228f | 30181518 | 475.6E6  | 19.074   | 18.832     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.391f | 0        | 9309391  | N.D.     | 0.389      |
| 13)                         | MA Dieldrin     | 5.647  | 6.482  | 68752277 | 966.6E6  | 39.759   | 40.055     |
| 14)                         | MA Endrin       | 5.902  | 6.698  | 61009254 | 911.3E6  | 40.520   | 46.144     |
| 16)                         | A 4,4'-DDD      | 6.030  | 6.815  | 55348144 | 757.6E6  | 39.990   | 40.362     |
| 17)                         | MA 4,4'-DDT     | 6.267  | 7.115  | 57853318 | 774.7E6  | 39.963   | 40.405     |
| 18)                         | B Endrin al...  | 0.000  | 7.022  | 0        | 8965169  | N.D.     | 0.510      |
| 19)                         | B Endosulfa...  | 0.000  | 7.182f | 0        | 779420   | N.D.     | <MDL       |
| 20)                         | A Methoxychlor  | 6.815  | 7.567  | 153.5E6  | 1710.0E6 | 202.924  | 201.934    |
| 21)                         | B Endrin ke...  | 7.040  | 7.713  | 149250   | 22192786 | <MDL     | 1.162 #    |
| 22)                         | Toxaphene-1     | 5.647  | 6.391  | 68752277 | 9309391  | 7044.290 | 92.203 #   |
| 23)                         | Toxaphene-2     | 6.267  | 6.698  | 57853318 | 911.3E6  | 2203.714 | 6723.642 # |
| 24)                         | Toxaphene-3     | 0.000  | 7.182  | 0        | 779420   | N.D.     | 1.525      |
| 25)                         | Toxaphene-4     | 6.815  | 7.182  | 153.5E6  | 779420   | 6493.619 | 2.566 #    |
| 26)                         | Toxaphene-5     | 0.000  | 7.656  | 0        | 10166334 | N.D.     | 50.671     |
| -----                       |                 |        |        |          |          |          |            |

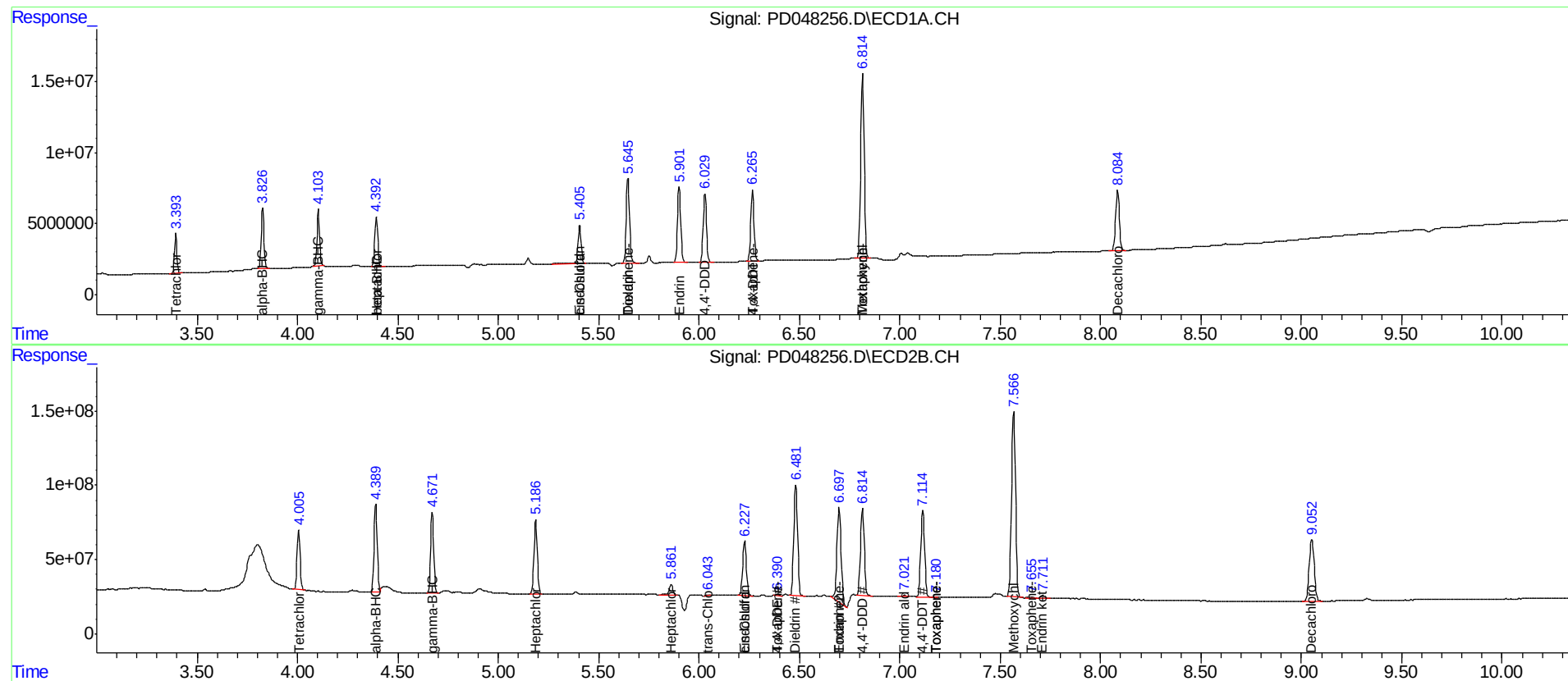
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

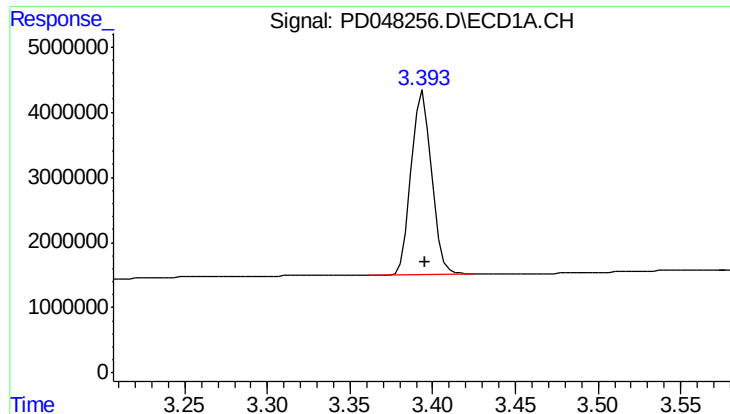
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062918\  
Data File : PD048256.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jun 2018 12:32  
Operator : UA/AJ  
Sample : INDA338  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 22:49:49 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_D\Method\PD062818CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 29 16:27:50 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

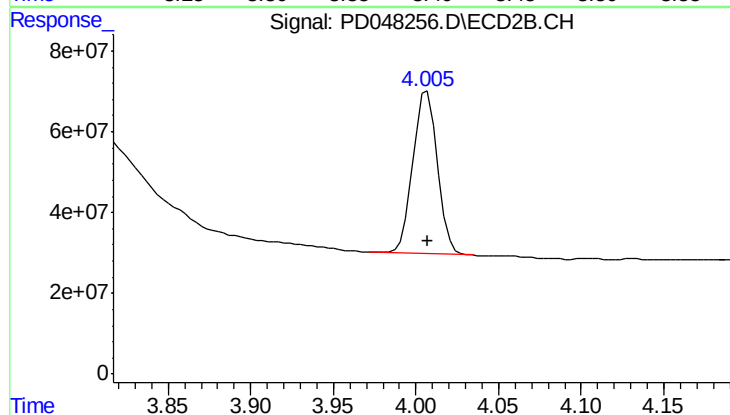




#1 Tetrachloro-m-xylene

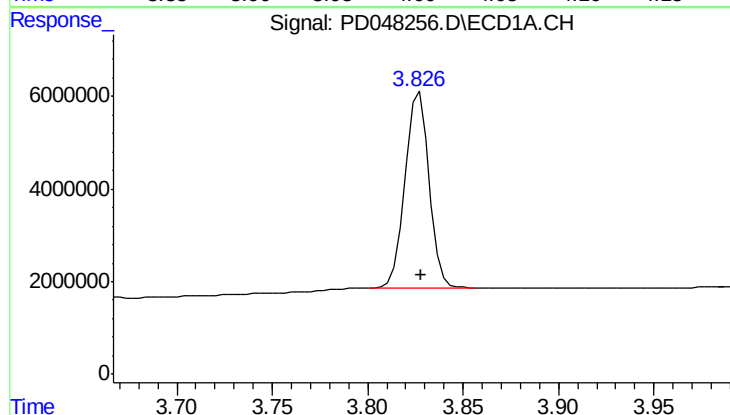
R.T.: 3.394 min  
Delta R.T.: 0.000 min  
Response: 24106464  
Conc: 19.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



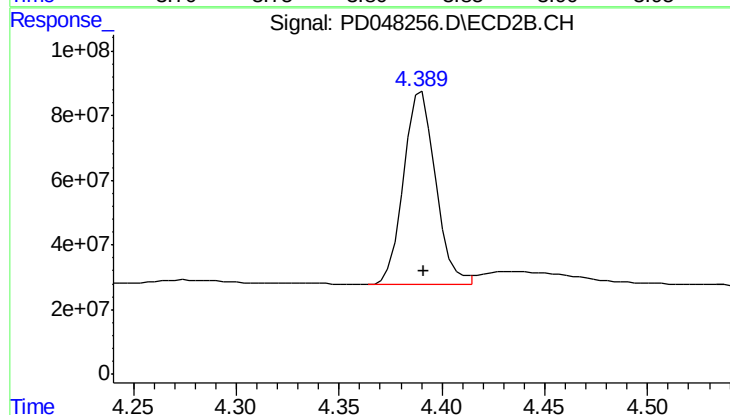
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 412392985  
Conc: 20.26 ng/ml



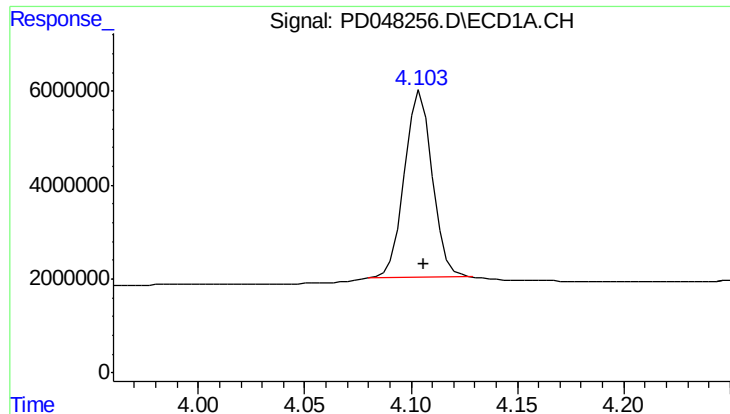
#2 alpha-BHC

R.T.: 3.827 min  
Delta R.T.: 0.000 min  
Response: 37687352  
Conc: 19.81 ng/ml



#2 alpha-BHC

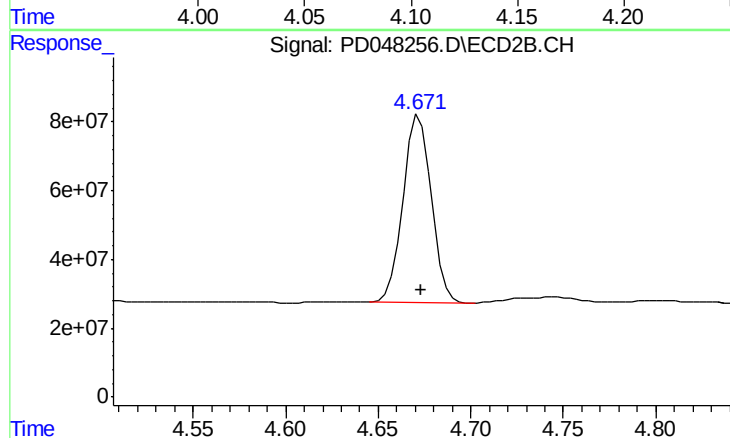
R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 647934385  
Conc: 20.16 ng/ml



#3 gamma-BHC (Lindane)

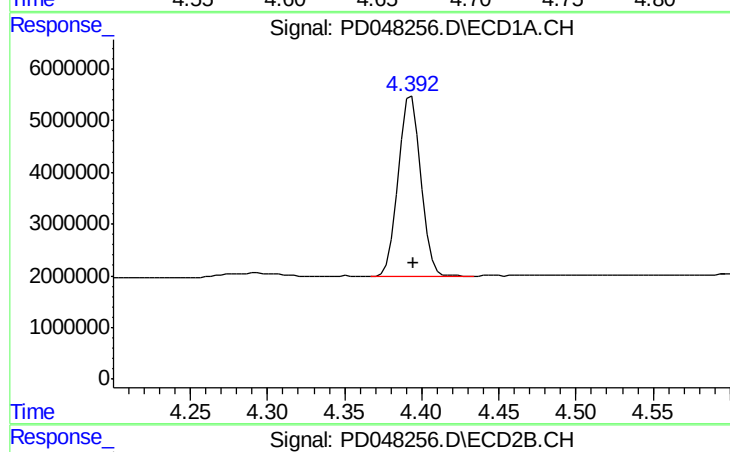
R.T.: 4.105 min  
Delta R.T.: -0.001 min  
Response: 36734280  
Conc: 19.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



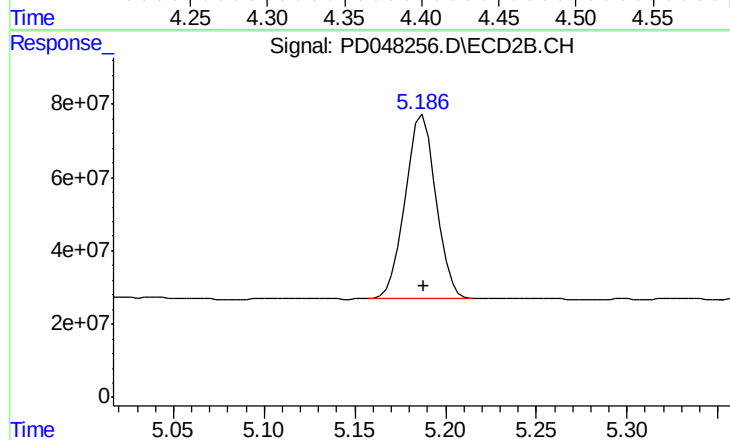
#3 gamma-BHC (Lindane)

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 581946749  
Conc: 20.06 ng/ml



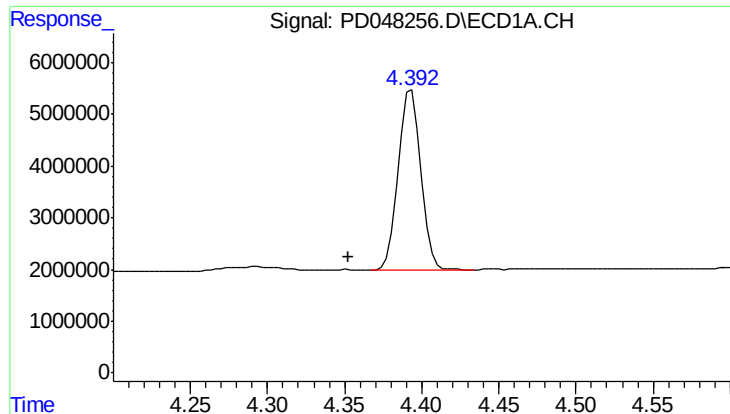
#4 Heptachlor

R.T.: 4.393 min  
Delta R.T.: -0.002 min  
Response: 35679656  
Conc: 20.17 ng/ml



#4 Heptachlor

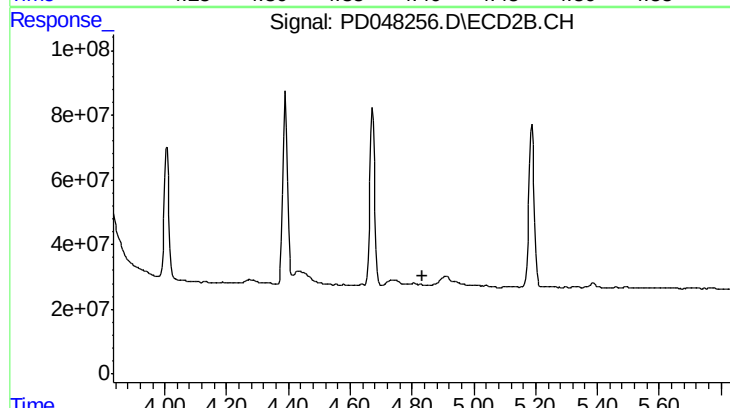
R.T.: 5.188 min  
Delta R.T.: 0.000 min  
Response: 595766107  
Conc: 20.59 ng/ml



#6 beta-BHC

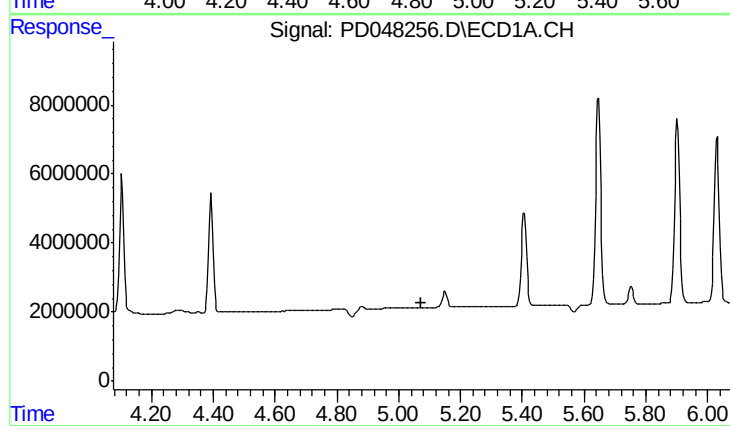
R.T.: 4.393 min  
Delta R.T.: 0.041 min  
Response: 35679656  
Conc: 47.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



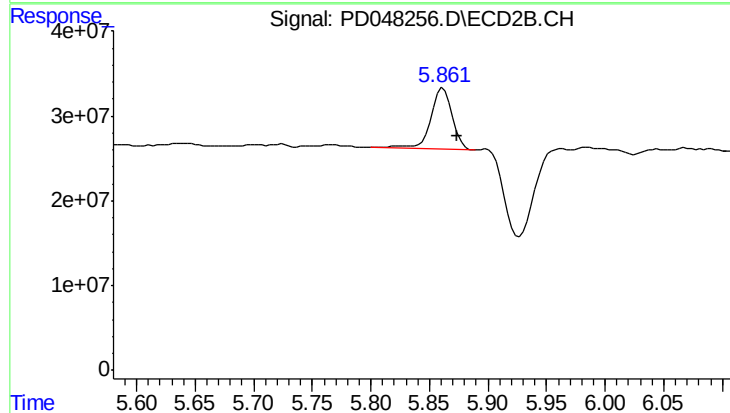
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.



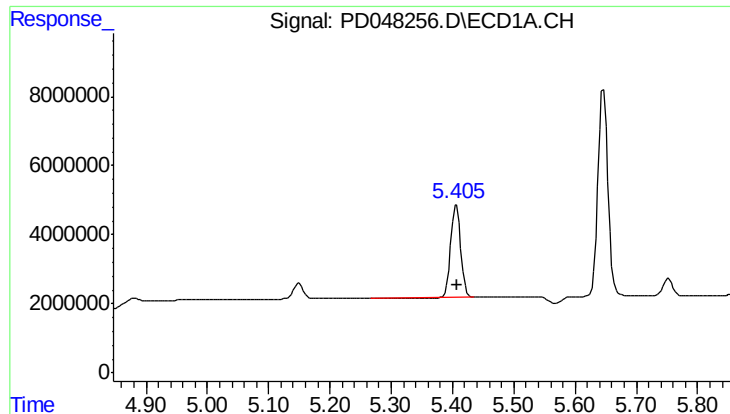
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.075 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

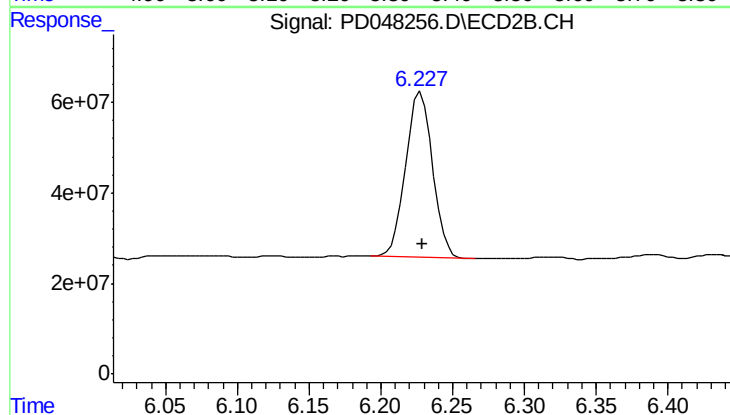
R.T.: 5.862 min  
Delta R.T.: -0.012 min  
Response: 92320356  
Conc: 3.60 ng/ml



#9 Endosulfan I

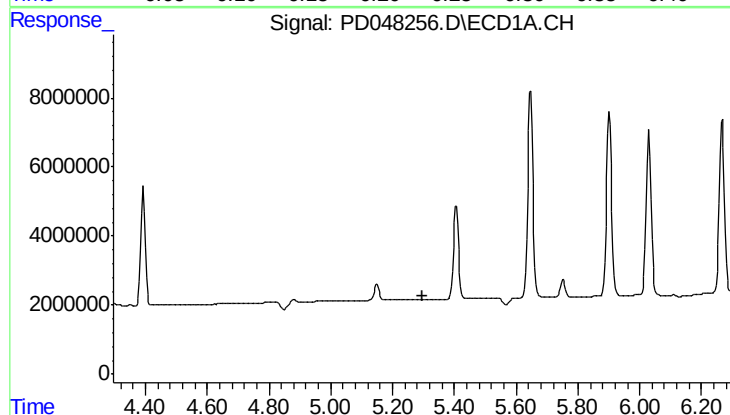
R.T.: 5.406 min  
Delta R.T.: -0.002 min  
Response: 30181518  
Conc: 19.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



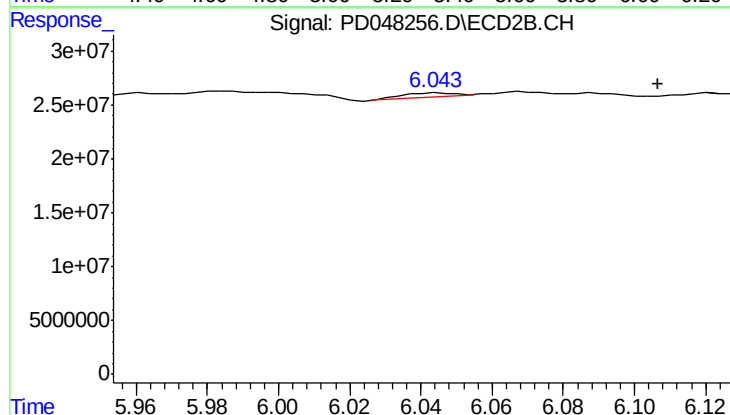
#9 Endosulfan I

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 475600086  
Conc: 20.22 ng/ml



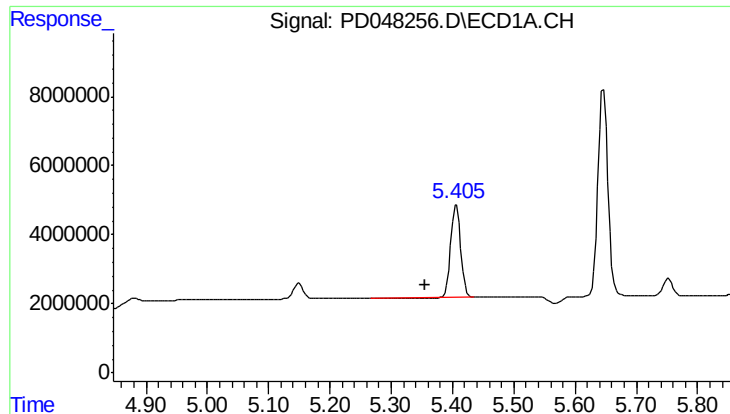
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.296 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

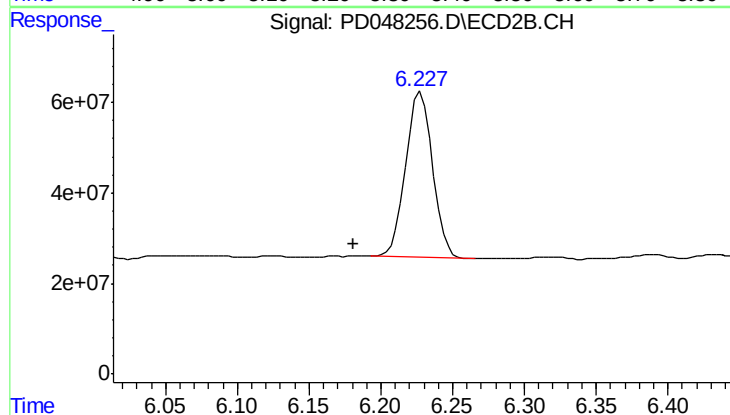
R.T.: 6.045 min  
Delta R.T.: -0.062 min  
Response: 3425351  
Conc: 0.13 ng/ml



#11 cis-Chlordane

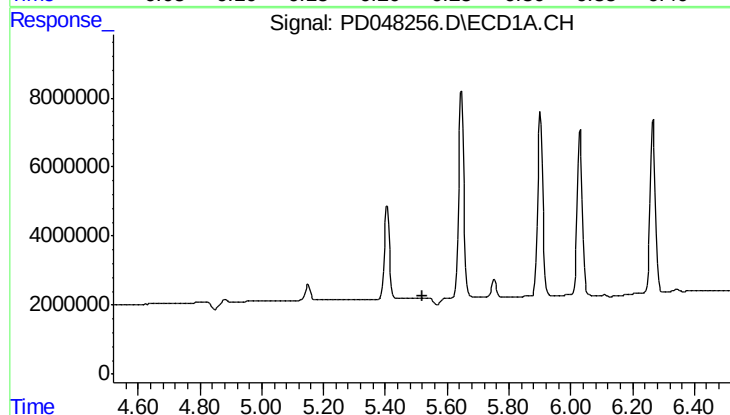
R.T.: 5.406 min  
Delta R.T.: 0.052 min  
Response: 30181518  
Conc: 19.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



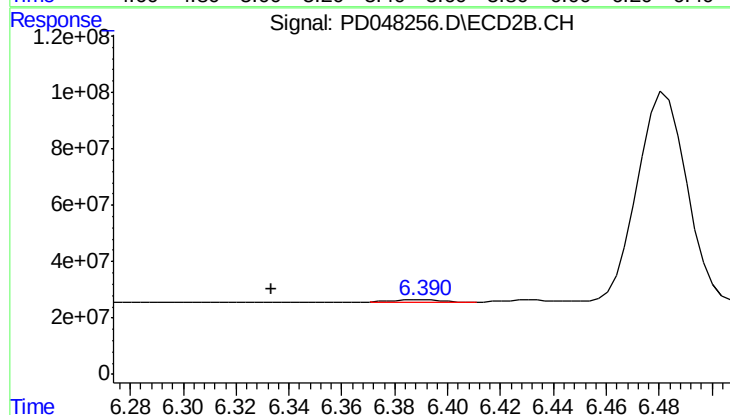
#11 cis-Chlordane

R.T.: 6.228 min  
Delta R.T.: 0.047 min  
Response: 475600086  
Conc: 18.83 ng/ml



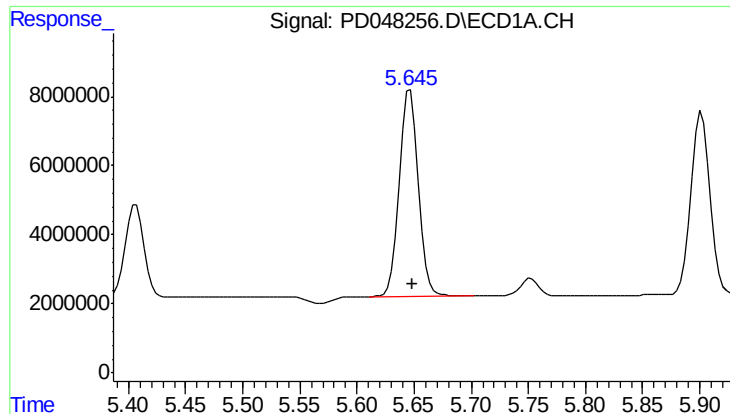
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.520 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

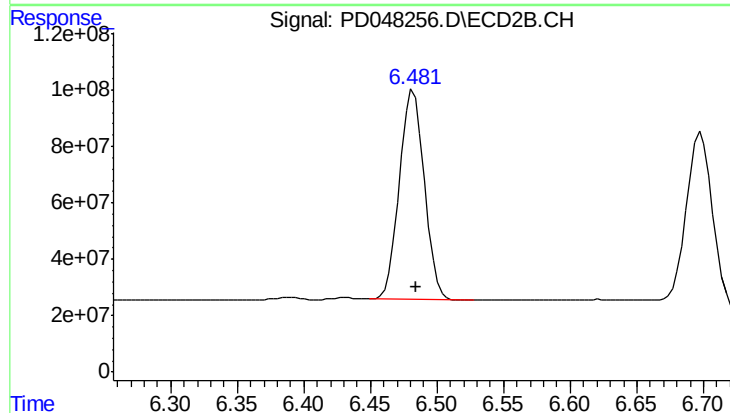
R.T.: 6.391 min  
Delta R.T.: 0.057 min  
Response: 9309391  
Conc: 0.39 ng/ml



#13 Dielddrin

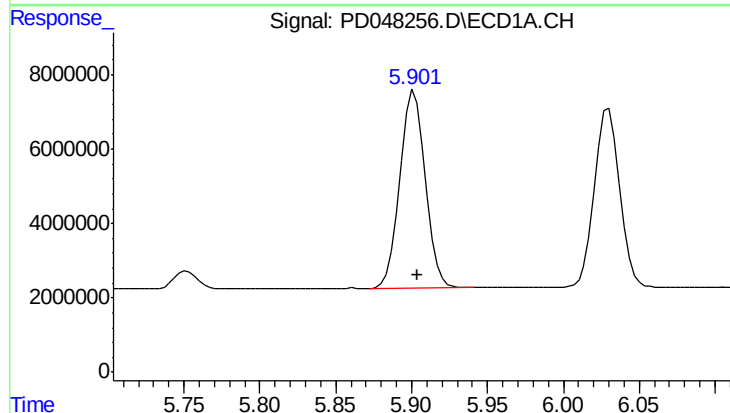
R.T.: 5.647 min  
Delta R.T.: -0.002 min  
Response: 68752277  
Conc: 39.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



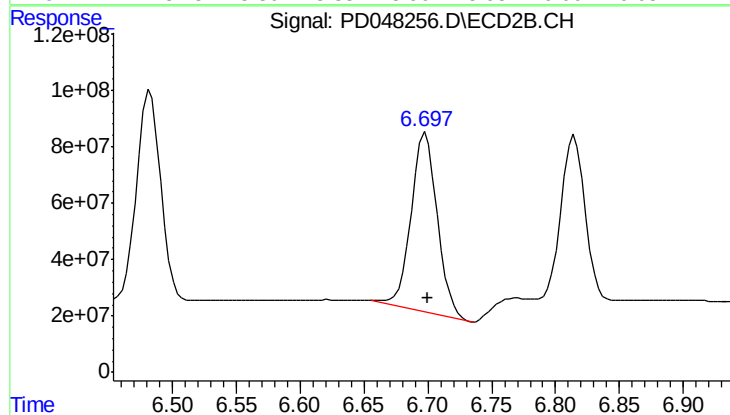
#13 Dielddrin

R.T.: 6.482 min  
Delta R.T.: -0.002 min  
Response: 966595957  
Conc: 40.06 ng/ml



#14 Endrin

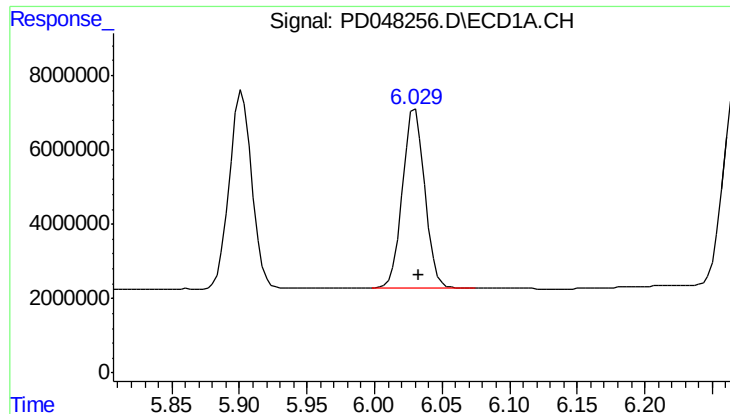
R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 61009254  
Conc: 40.52 ng/ml



#14 Endrin

R.T.: 6.698 min  
Delta R.T.: -0.002 min  
Response: 911319380  
Conc: 46.14 ng/ml

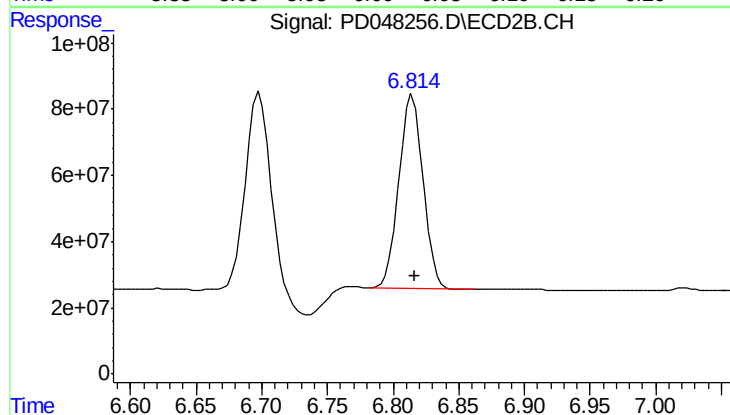




#16 4,4'-DDD

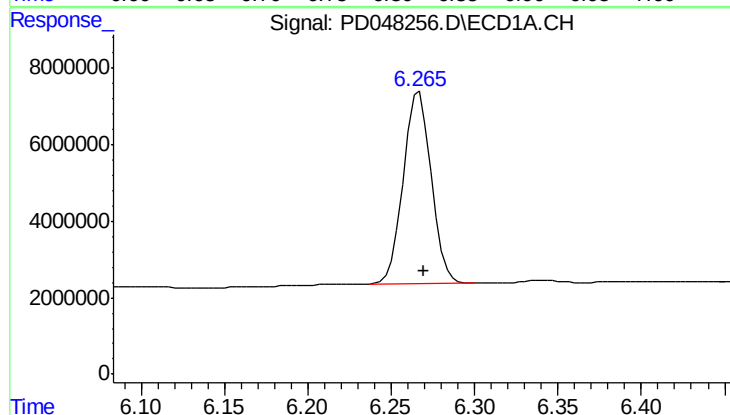
R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 55348144  
Conc: 39.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



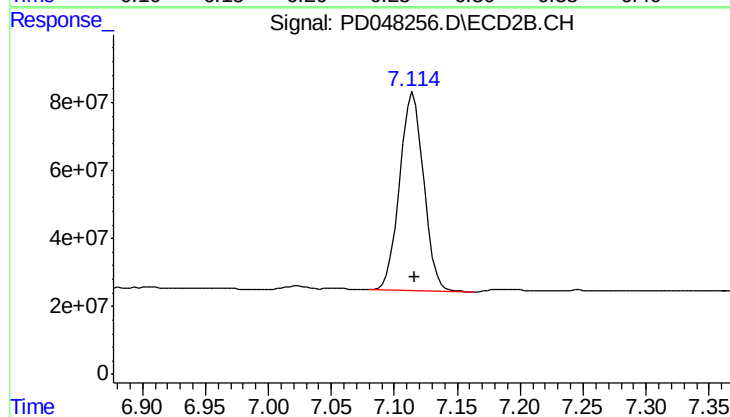
#16 4,4'-DDD

R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 757558750  
Conc: 40.36 ng/ml



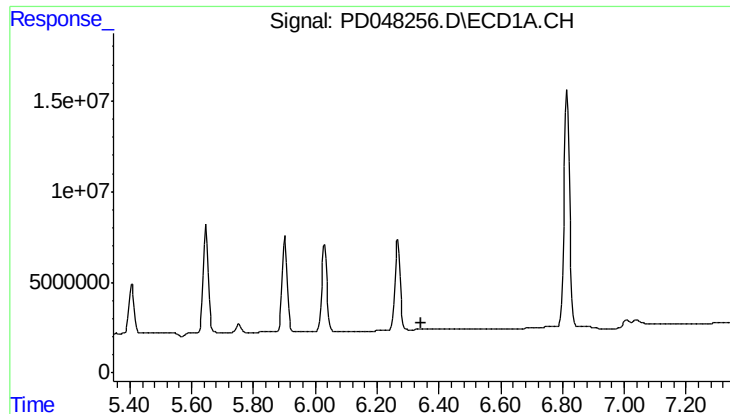
#17 4,4'-DDT

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 57853318  
Conc: 39.96 ng/ml



#17 4,4'-DDT

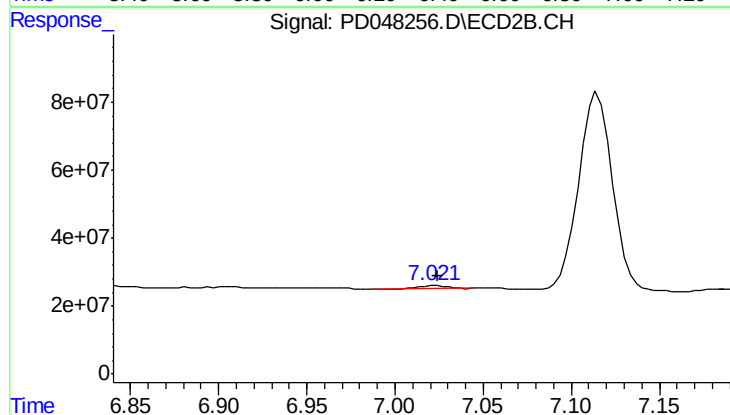
R.T.: 7.115 min  
Delta R.T.: -0.002 min  
Response: 774667331  
Conc: 40.40 ng/ml



#18 Endrin aldehyde

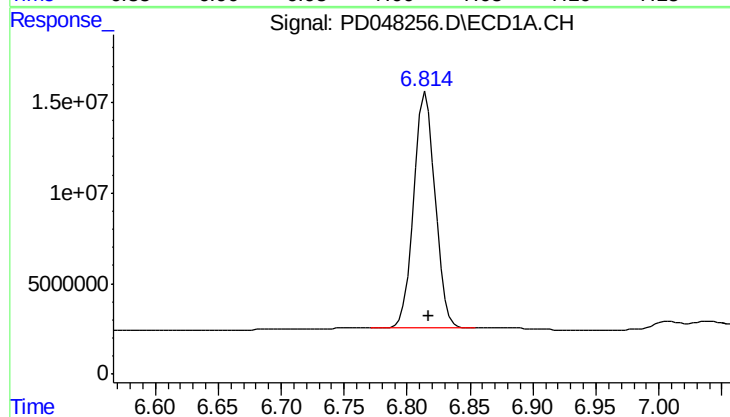
R.T.: 0.000 min  
Exp R.T.: 6.343 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



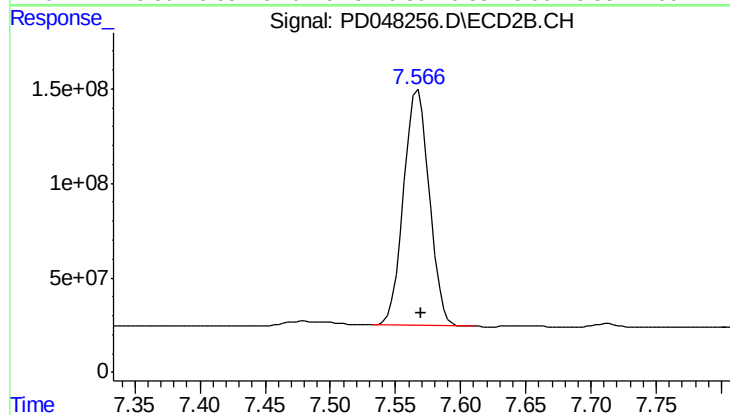
#18 Endrin aldehyde

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 8965169  
Conc: 0.51 ng/ml



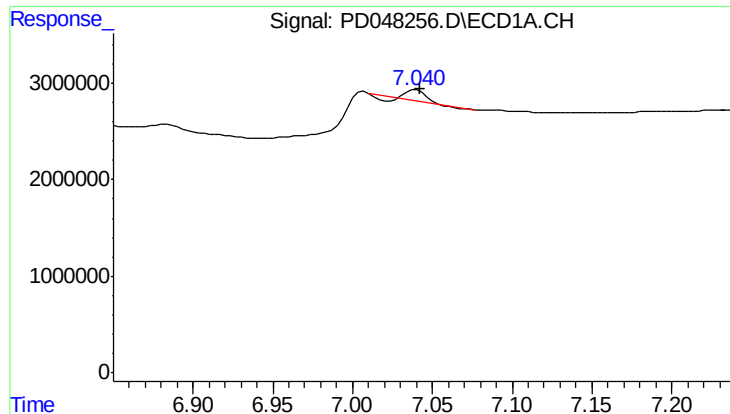
#20 Methoxychlor

R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 153545853  
Conc: 202.92 ng/ml



#20 Methoxychlor

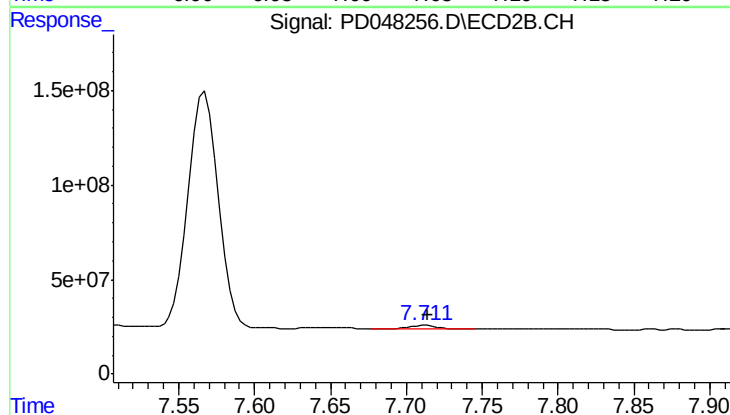
R.T.: 7.567 min  
Delta R.T.: -0.002 min  
Response: 1709996318  
Conc: 201.93 ng/ml



#21 Endrin ketone

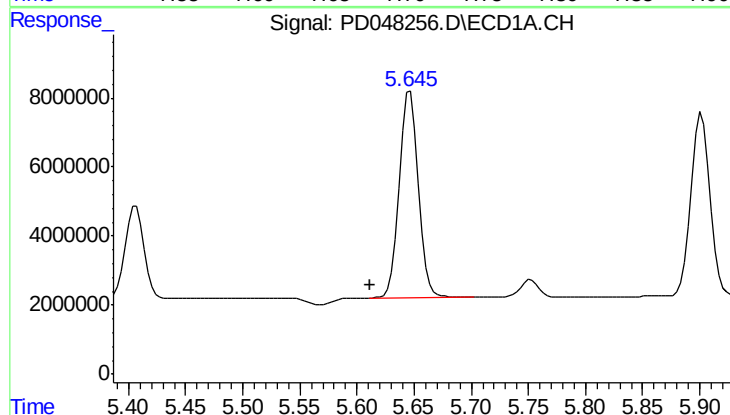
R.T.: 7.040 min  
Delta R.T.: -0.003 min  
Response: 149250  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



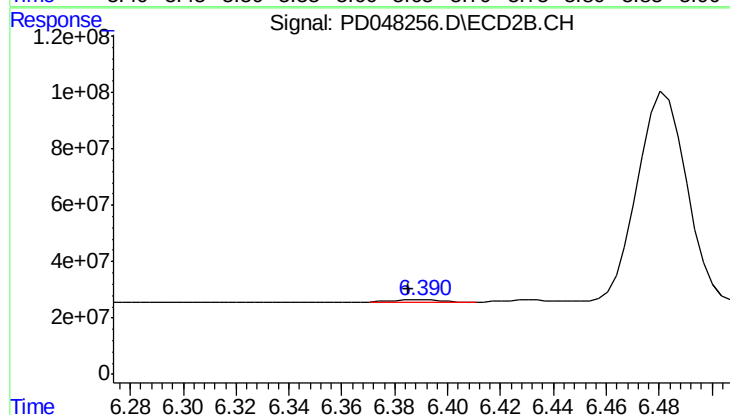
#21 Endrin ketone

R.T.: 7.713 min  
Delta R.T.: -0.001 min  
Response: 22192786  
Conc: 1.16 ng/ml



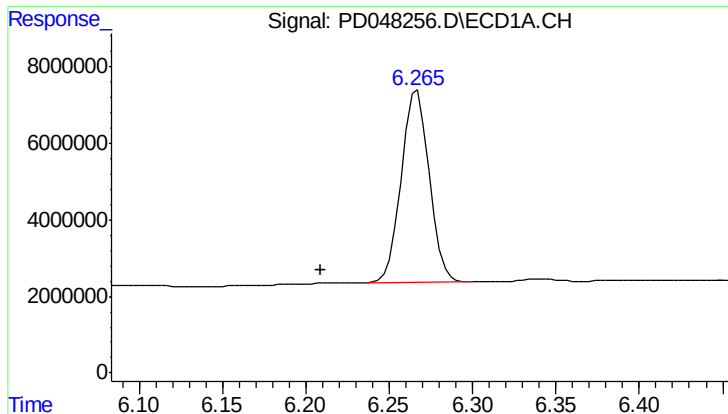
#22 Toxaphene-1

R.T.: 5.647 min  
Delta R.T.: 0.035 min  
Response: 68752277  
Conc: 7044.29 ng/ml



#22 Toxaphene-1

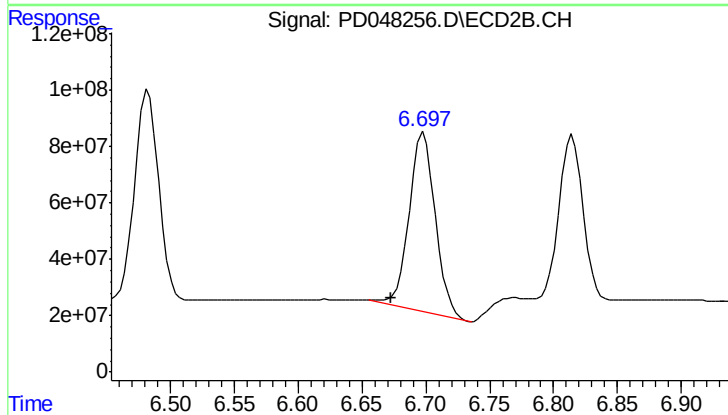
R.T.: 6.391 min  
Delta R.T.: 0.006 min  
Response: 9309391  
Conc: 92.20 ng/ml



#23 Toxaphene-2

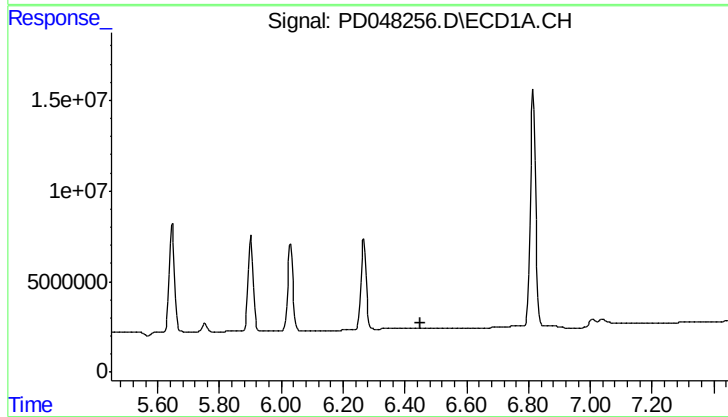
R.T.: 6.267 min  
Delta R.T.: 0.058 min  
Response: 57853318  
Conc: 2203.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



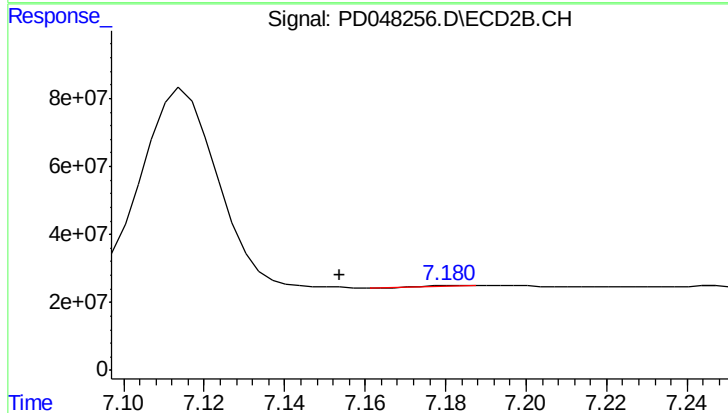
#23 Toxaphene-2

R.T.: 6.698 min  
Delta R.T.: 0.026 min  
Response: 911319380  
Conc: 6723.64 ng/ml



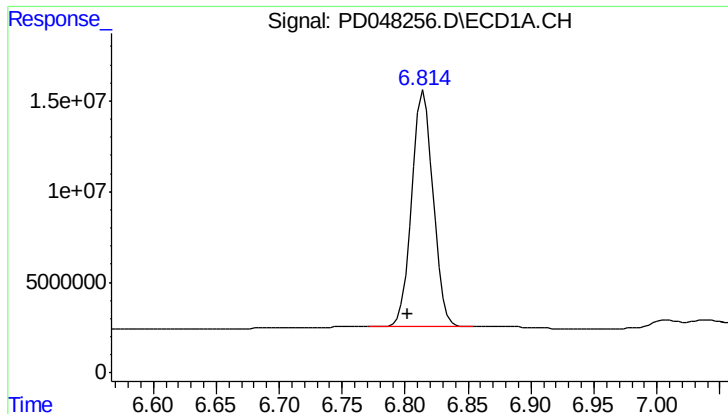
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 6.450 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

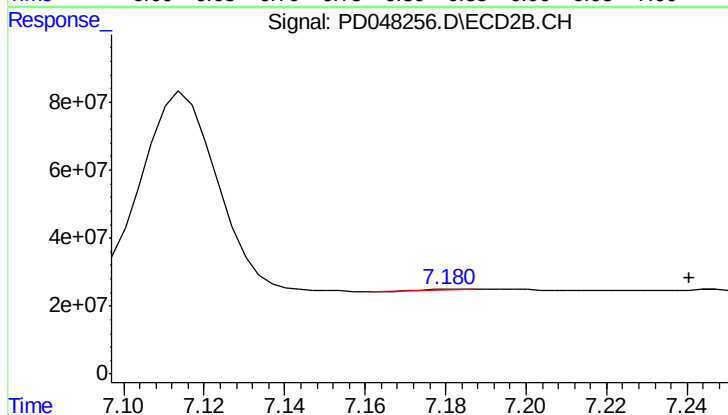
R.T.: 7.182 min  
Delta R.T.: 0.028 min  
Response: 779420  
Conc: 1.52 ng/ml



#25 Toxaphene-4

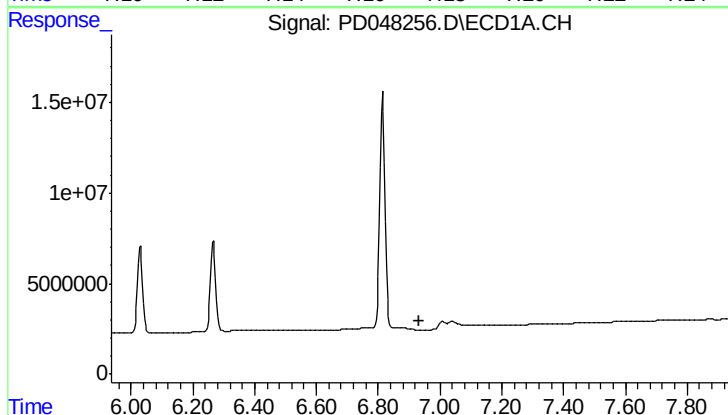
R.T.: 6.815 min  
Delta R.T.: 0.013 min  
Response: 153545853  
Conc: 6493.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



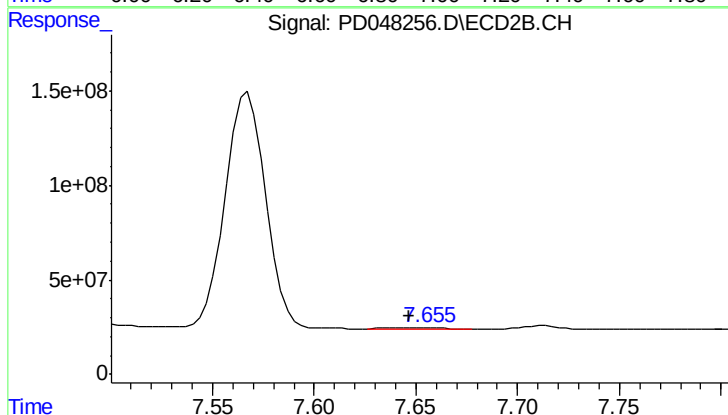
#25 Toxaphene-4

R.T.: 7.182 min  
Delta R.T.: -0.059 min  
Response: 779420  
Conc: 2.57 ng/ml



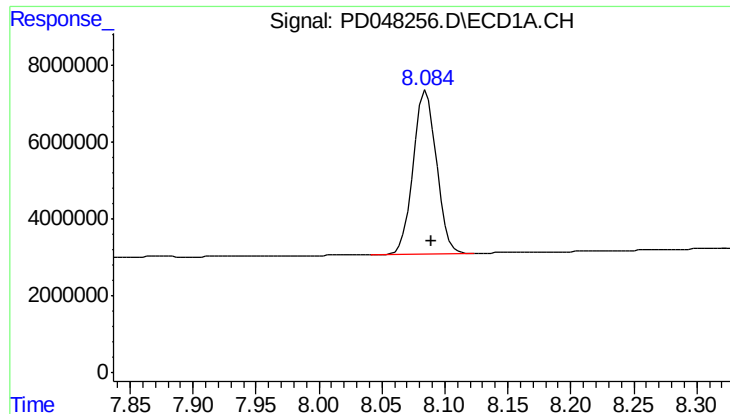
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 6.934 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

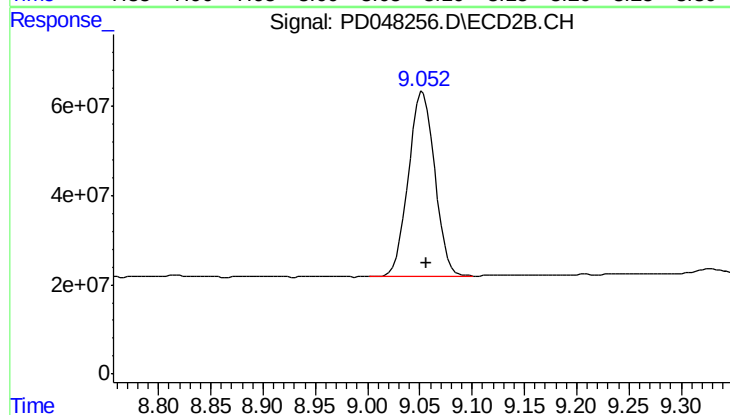
R.T.: 7.656 min  
Delta R.T.: 0.010 min  
Response: 10166334  
Conc: 50.67 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.085 min  
Delta R.T.: -0.004 min  
Response: 54490235  
Conc: 40.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA338



#27 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: -0.003 min  
Response: 725239468  
Conc: 40.93 ng/ml