

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041221\  
 Data File : PD062120.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2021 15:36  
 Operator : AR\AJ  
 Sample : INDB324  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB324

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 01:21:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD040321CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 03 05:02:01 2021  
 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 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... | 3.487  | 3.981  | 18320664 | 208.2E6  | 18.717   | 20.861   |
| 27)                         | SA Decachlor... | 8.259  | 9.042  | 51192761 | 338.2E6  | 38.178   | 36.744   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.397f | 0        | 20052700 | N.D.     | 1.213    |
| 3)                          | MA gamma-BHC... | 4.212  | 0.000  | 712703   | 0        | 0.512    | N.D. #   |
| 5)                          | MB Aldrin       | 4.764  | 5.468  | 27428267 | 299.5E6  | 20.063   | 20.850   |
| 6)                          | B beta-BHC      | 4.462  | 4.824  | 12817487 | 132.7E6  | 19.294   | 20.787   |
| 7)                          | B delta-BHC     | 4.668  | 5.041  | 26608300 | 314.5E6  | 19.372   | 20.540   |
| 8)                          | B Heptachlo...  | 5.209  | 5.853  | 26561707 | 267.5E6  | 20.170   | 19.929   |
| 9)                          | A Endosulfan I  | 5.495f | 6.160f | 27382984 | 270.5E6  | 21.639   | 21.924   |
| 10)                         | B trans-Chl...  | 5.437  | 6.088  | 27670789 | 297.4E6  | 20.168   | 21.478   |
| 11)                         | B cis-Chlor...  | 5.495  | 6.160  | 27382984 | 270.5E6  | 20.286   | 20.974   |
| 12)                         | B 4,4'-DDE      | 5.658  | 6.317  | 53406556 | 529.3E6  | 41.135   | 41.305   |
| 13)                         | MA Dieldrin     | 0.000  | 6.479  | 0        | 2555617  | N.D.     | 0.194    |
| 14)                         | MA Endrin       | 0.000  | 6.676  | 0        | 638579   | N.D.     | <MDL     |
| 15)                         | B Endosulfa...  | 6.326  | 6.893  | 45674815 | 410.4E6  | 40.783   | 40.439   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.806  | 0        | 5097075  | N.D.     | 0.486    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.099  | 0        | 5356855  | N.D.     | 0.539    |
| 18)                         | B Endrin al...  | 6.494  | 7.018  | 40685319 | 357.3E6  | 41.651   | 41.151   |
| 19)                         | B Endosulfa...  | 6.708  | 7.241  | 46786685 | 410.1E6  | 40.694   | 40.147   |
| 20)                         | A Methoxychlor  | 0.000  | 7.589  | 0        | 2773878  | N.D.     | 0.599    |
| 21)                         | B Endrin ke...  | 7.202  | 7.711  | 51631084 | 392.2E6  | 39.584   | 41.153   |
| 22)                         | Toxaphene-1     | 0.000  | 6.355  | 0        | 1205295  | N.D.     | 21.053   |
| 23)                         | Toxaphene-2     | 0.000  | 6.676  | 0        | 638579   | N.D.     | 9.218    |
| 24)                         | Toxaphene-3     | 6.257  | 7.099  | 1711960  | 5356855  | 171.366  | 56.453 # |
| 25)                         | Toxaphene-4     | 6.326  | 7.099  | 45674815 | 5356855  | 2124.768 | 20.188 # |
| 26)                         | Toxaphene-5     | 7.111  | 7.589  | 4335135  | 2773878  | 181.268  | 24.496 # |
| -----                       |                 |        |        |          |          |          |          |

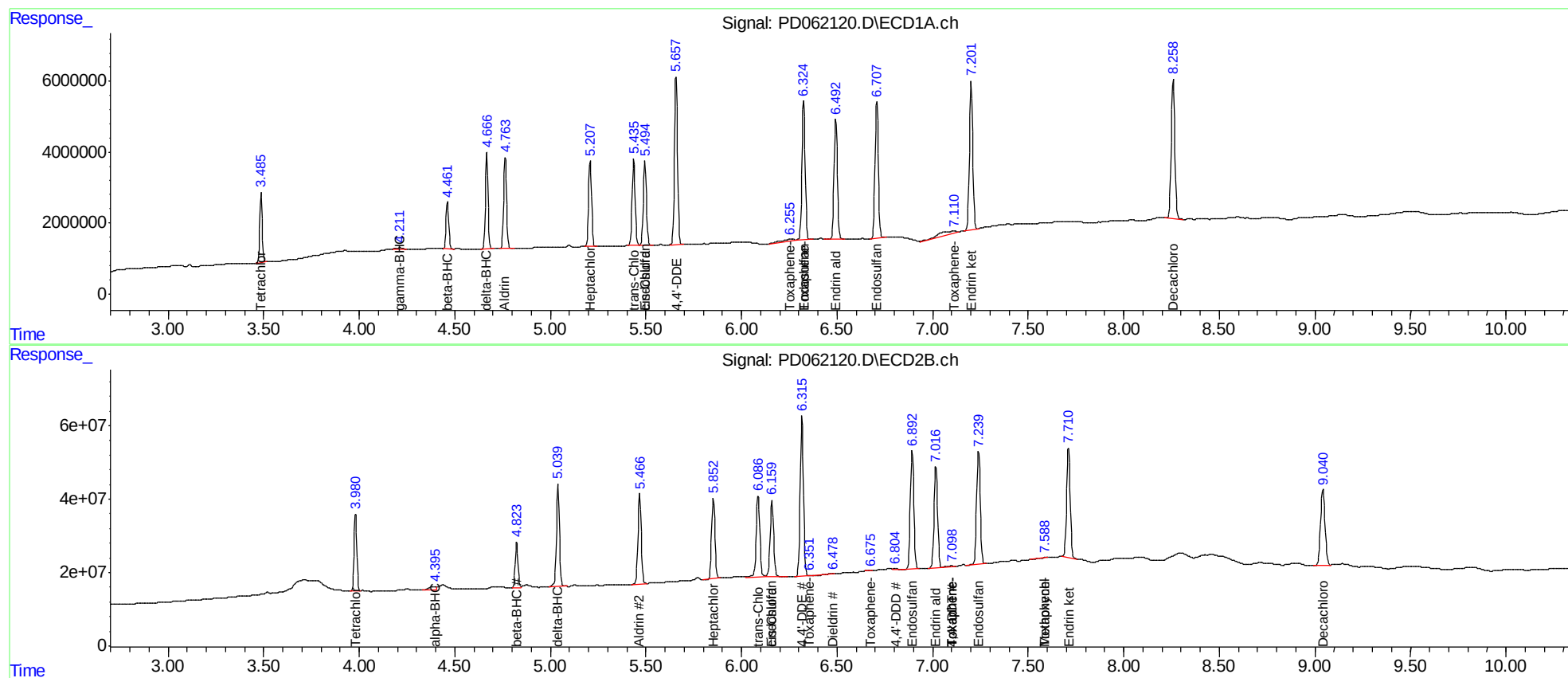
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

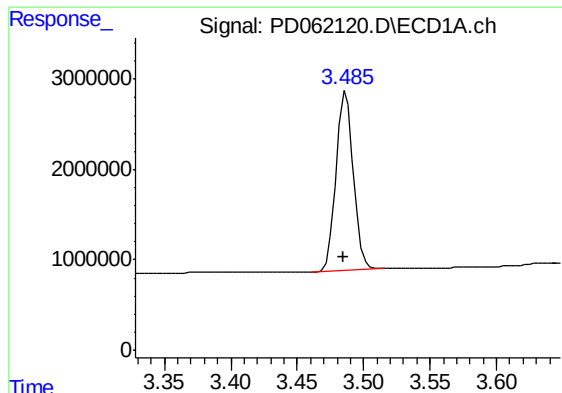
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041221\  
Data File : PD062120.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2021 15:36  
Operator : AR\AJ  
Sample : INDB324  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 01:21:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD040321CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 03 05:02:01 2021  
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

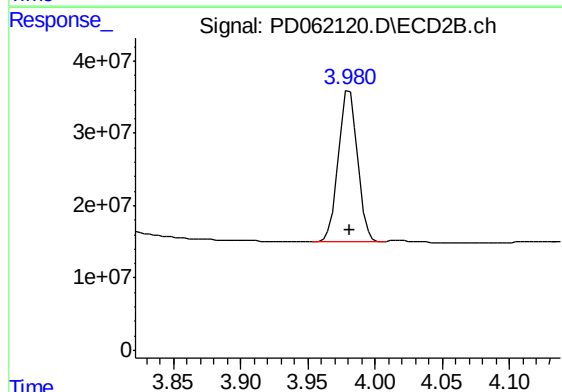




#1 Tetrachloro-m-xylene

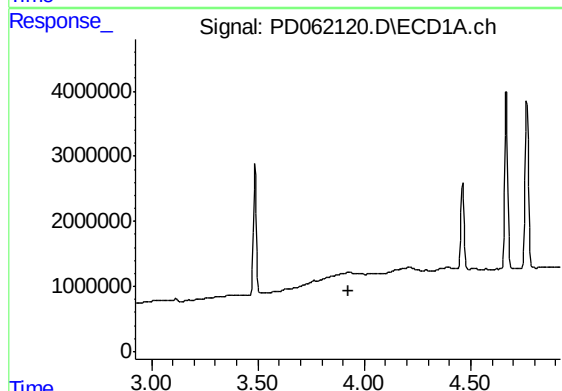
R.T.: 3.487 min  
Delta R.T.: 0.002 min  
Response: 18320664  
Conc: 18.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



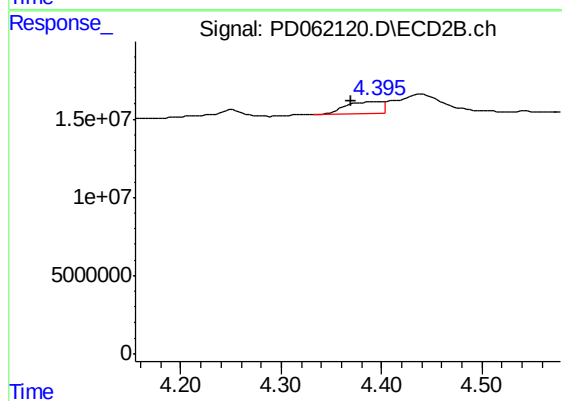
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 208177341  
Conc: 20.86 ng/ml



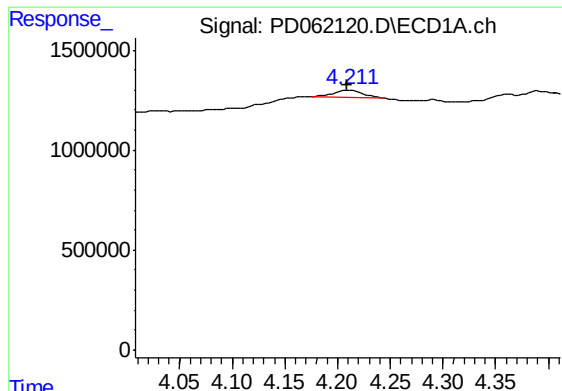
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.924 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

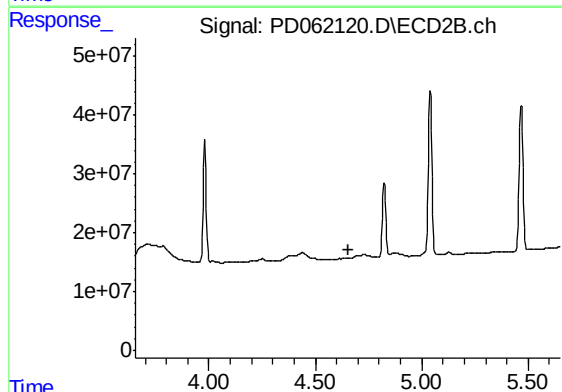
R.T.: 4.397 min  
Delta R.T.: 0.026 min  
Response: 20052700  
Conc: 1.21 ng/ml



#3 gamma-BHC (Lindane)

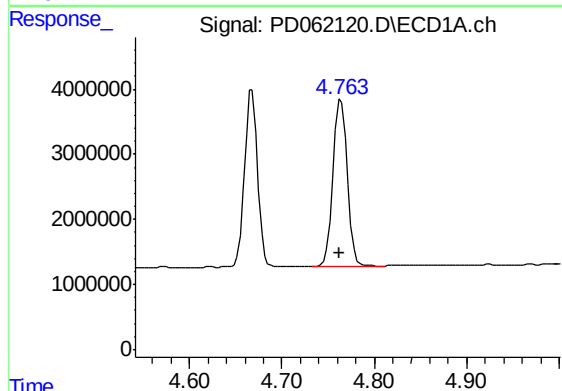
R.T.: 4.212 min  
Delta R.T.: 0.003 min  
Response: 712703  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



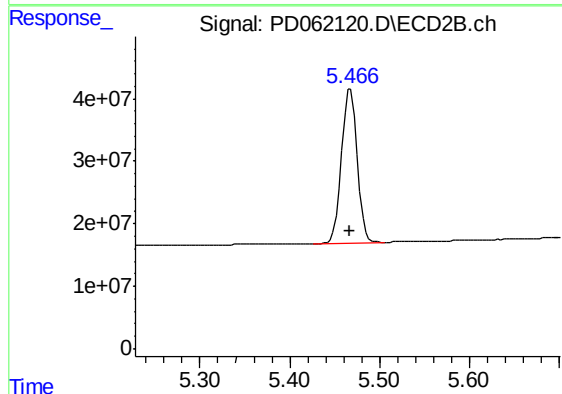
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.654 min  
Response: 0  
Conc: N.D.



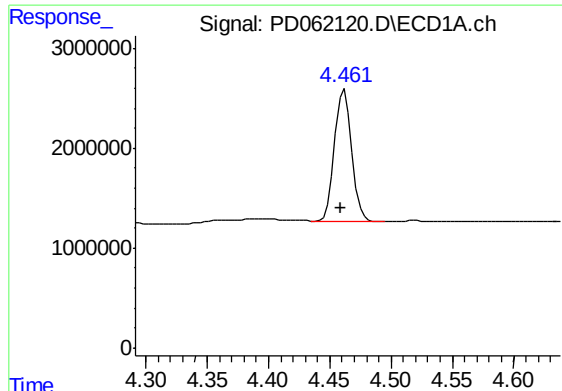
#5 Aldrin

R.T.: 4.764 min  
Delta R.T.: 0.002 min  
Response: 27428267  
Conc: 20.06 ng/ml



#5 Aldrin

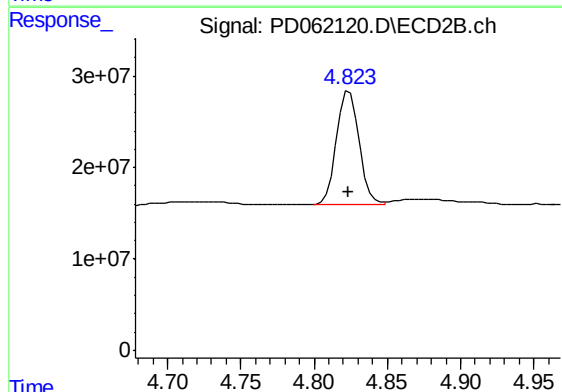
R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 299543089  
Conc: 20.85 ng/ml



#6 beta-BHC

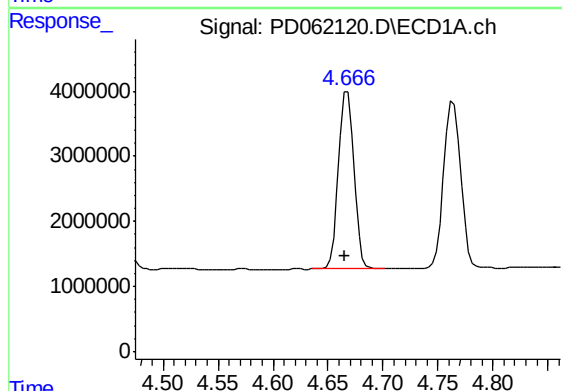
R.T.: 4.462 min  
Delta R.T.: 0.003 min  
Response: 12817487  
Conc: 19.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



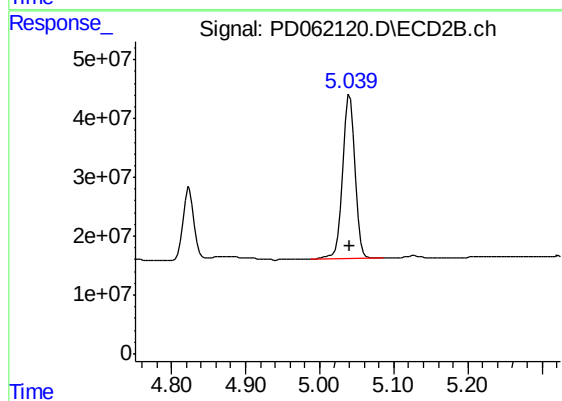
#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 132656859  
Conc: 20.79 ng/ml



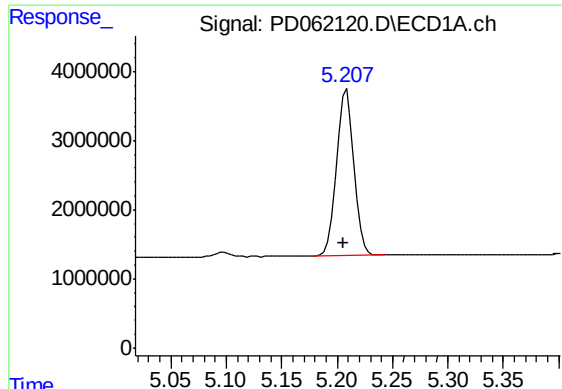
#7 delta-BHC

R.T.: 4.668 min  
Delta R.T.: 0.002 min  
Response: 26608300  
Conc: 19.37 ng/ml



#7 delta-BHC

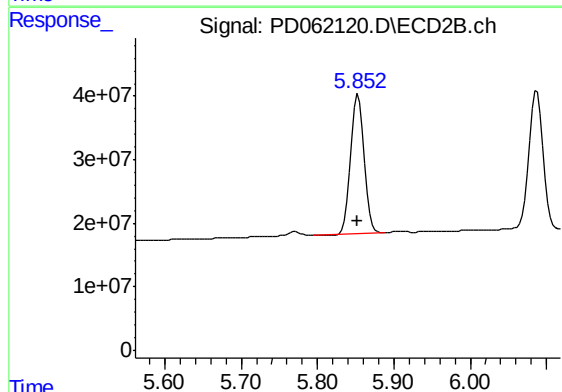
R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 314541862  
Conc: 20.54 ng/ml



#8 Heptachlor epoxide

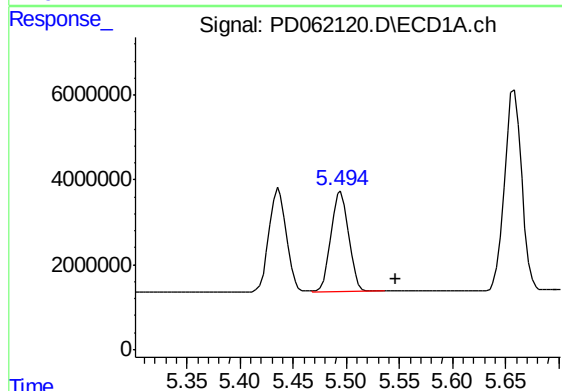
R.T.: 5.209 min  
Delta R.T.: 0.003 min  
Response: 26561707  
Conc: 20.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



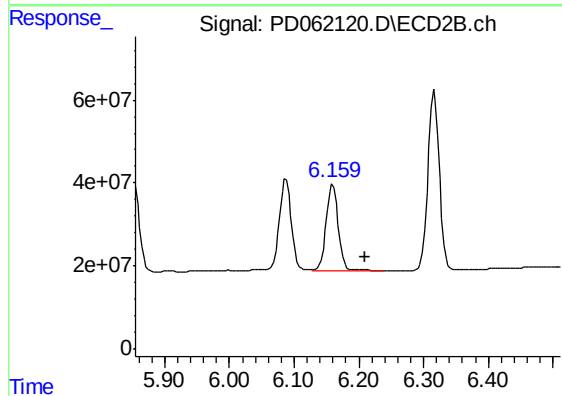
#8 Heptachlor epoxide

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 267498466  
Conc: 19.93 ng/ml



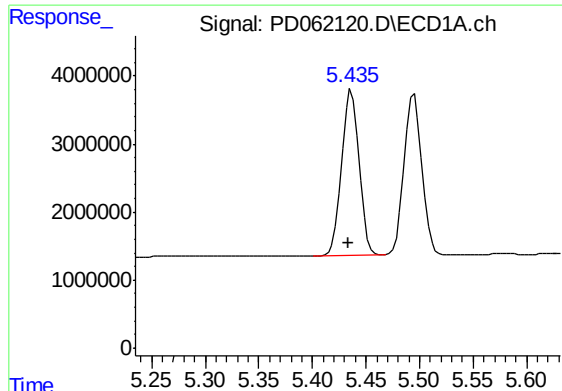
#9 Endosulfan I

R.T.: 5.495 min  
Delta R.T.: -0.052 min  
Response: 27382984  
Conc: 21.64 ng/ml



#9 Endosulfan I

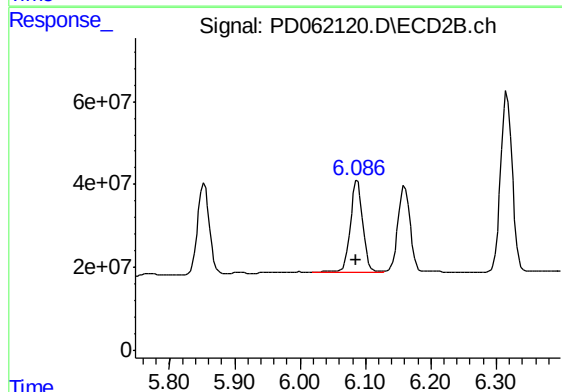
R.T.: 6.160 min  
Delta R.T.: -0.050 min  
Response: 270502103  
Conc: 21.92 ng/ml



#10 trans-Chlordane

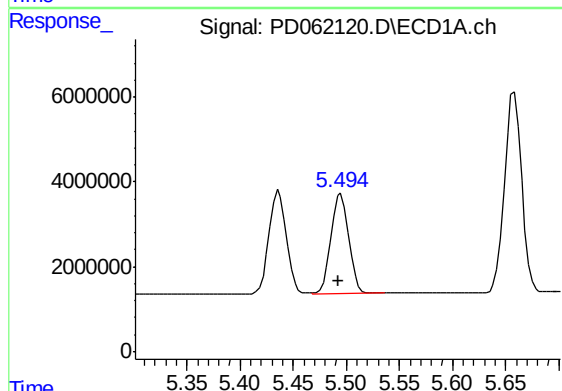
R.T.: 5.437 min  
Delta R.T.: 0.003 min  
Response: 27670789  
Conc: 20.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



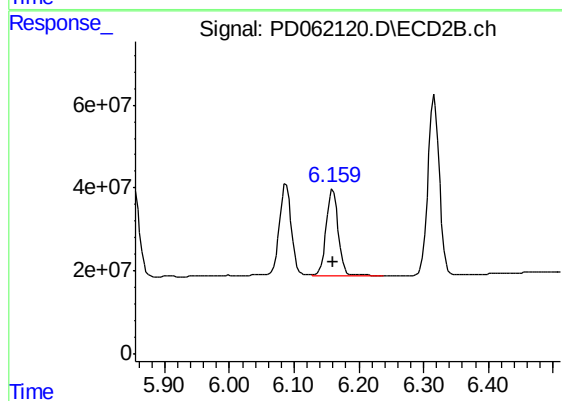
#10 trans-Chlordane

R.T.: 6.088 min  
Delta R.T.: 0.001 min  
Response: 297435321  
Conc: 21.48 ng/ml



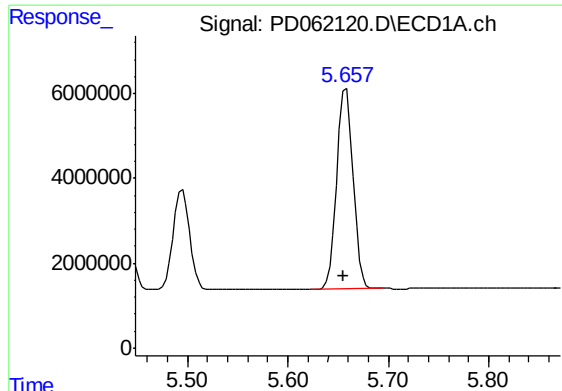
#11 cis-Chlordane

R.T.: 5.495 min  
Delta R.T.: 0.003 min  
Response: 27382984  
Conc: 20.29 ng/ml



#11 cis-Chlordane

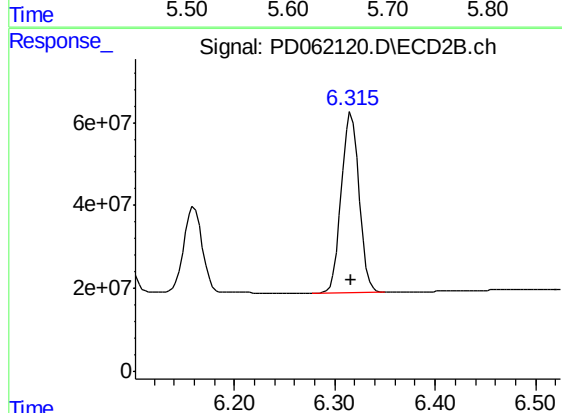
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 270502103  
Conc: 20.97 ng/ml



#12 4,4'-DDE

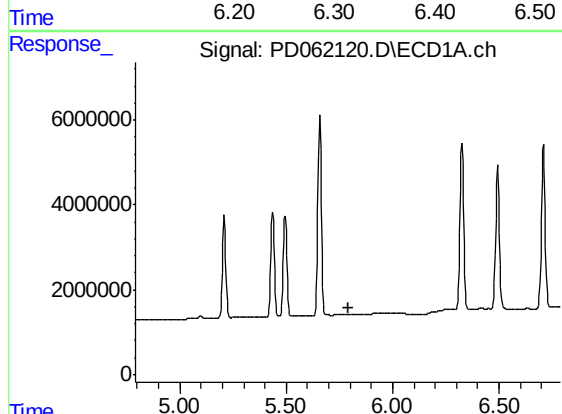
R.T.: 5.658 min  
Delta R.T.: 0.002 min  
Response: 53406556  
Conc: 41.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



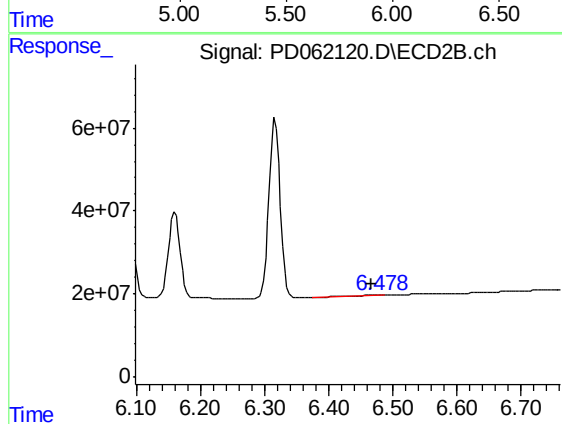
#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 529349289  
Conc: 41.31 ng/ml



#13 Dieldrin

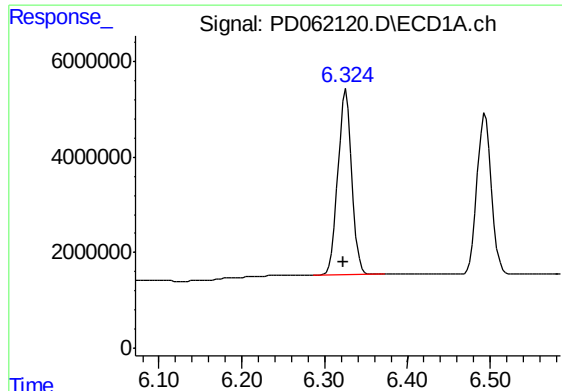
R.T.: 0.000 min  
Exp R.T. : 5.791 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 6.479 min  
Delta R.T.: 0.013 min  
Response: 2555617  
Conc: 0.19 ng/ml

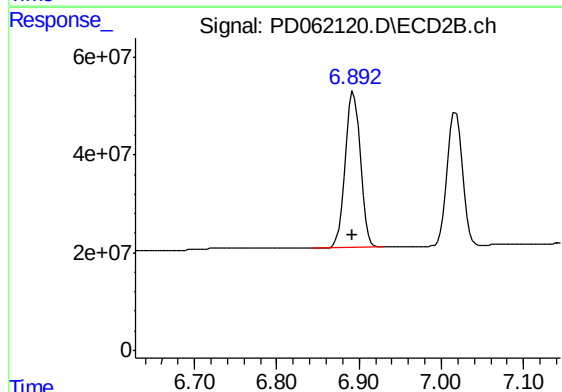




#15 Endosulfan II

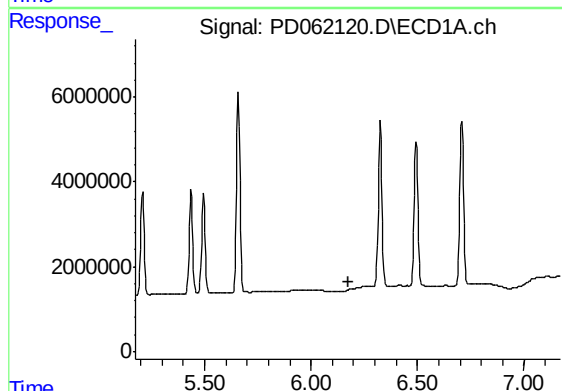
R.T.: 6.326 min  
Delta R.T.: 0.003 min  
Response: 45674815  
Conc: 40.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



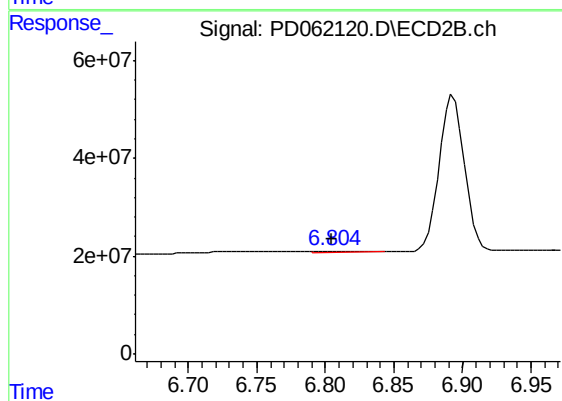
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 410387313  
Conc: 40.44 ng/ml



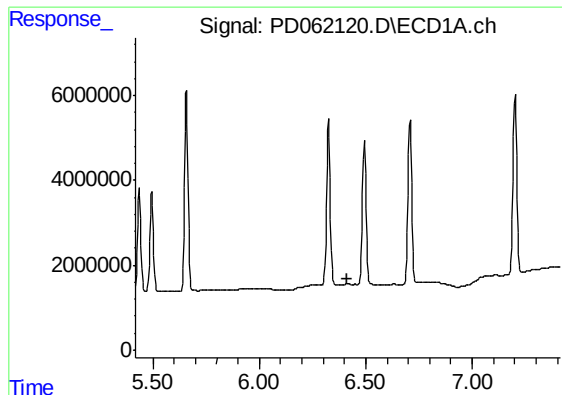
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.173 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

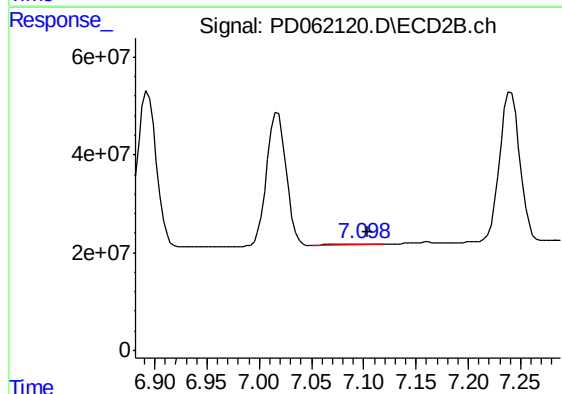
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 5097075  
Conc: 0.49 ng/ml



#17 4,4'-DDT

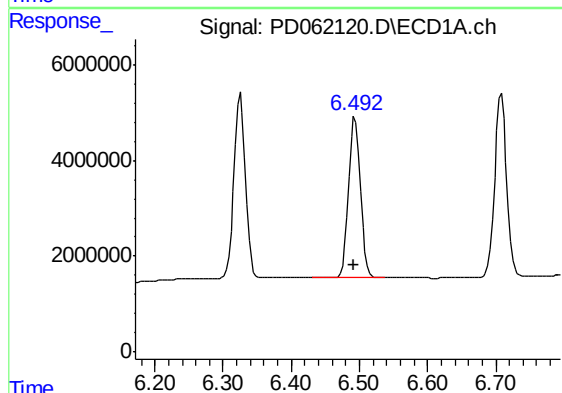
R.T.: 0.000 min  
Exp R.T.: 6.416 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



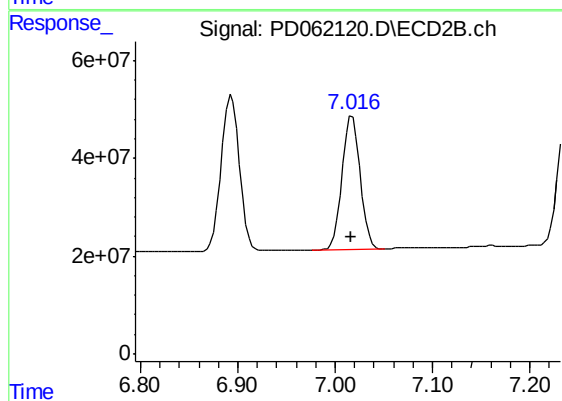
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.005 min  
Response: 5356855  
Conc: 0.54 ng/ml



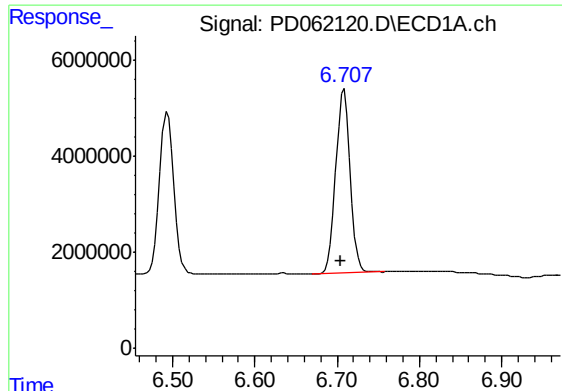
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.003 min  
Response: 40685319  
Conc: 41.65 ng/ml



#18 Endrin aldehyde

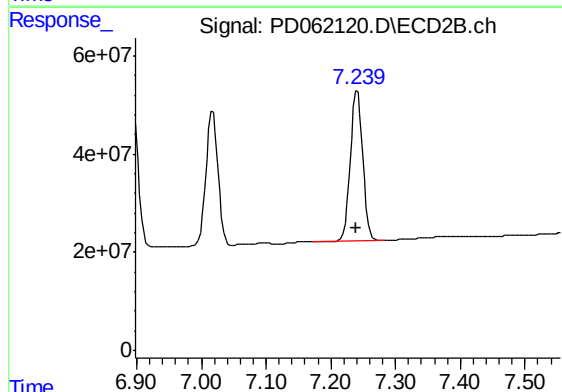
R.T.: 7.018 min  
Delta R.T.: 0.001 min  
Response: 357334457  
Conc: 41.15 ng/ml



#19 Endosulfan Sulfate

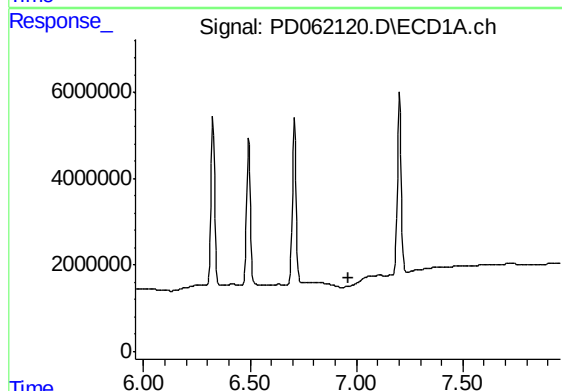
R.T.: 6.708 min  
Delta R.T.: 0.004 min  
Response: 46786685  
Conc: 40.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



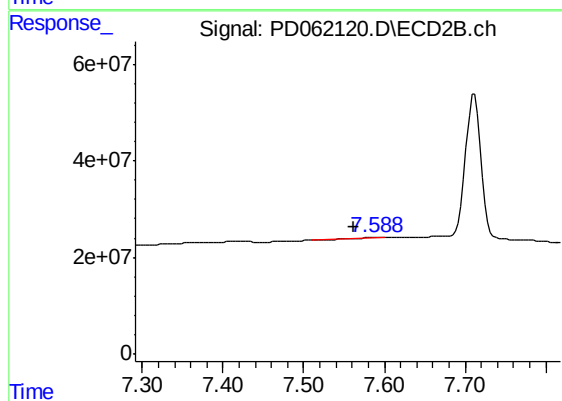
#19 Endosulfan Sulfate

R.T.: 7.241 min  
Delta R.T.: 0.001 min  
Response: 410051409  
Conc: 40.15 ng/ml



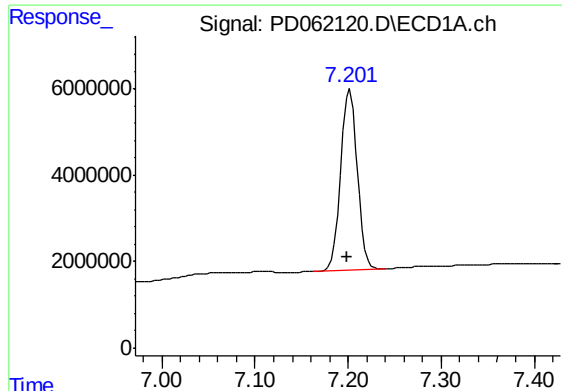
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.961 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

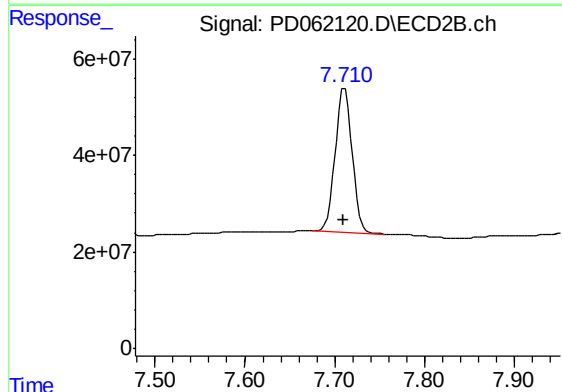
R.T.: 7.589 min  
Delta R.T.: 0.027 min  
Response: 2773878  
Conc: 0.60 ng/ml



#21 Endrin ketone

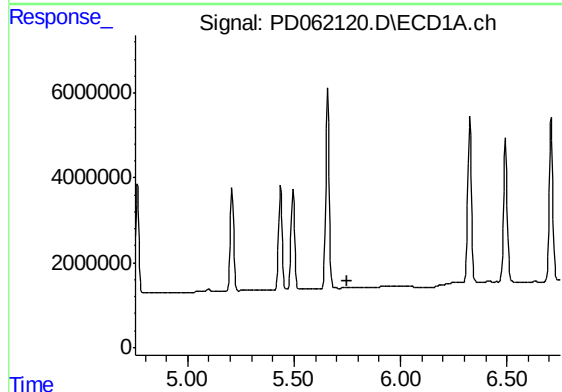
R.T.: 7.202 min  
Delta R.T.: 0.003 min  
Response: 51631084  
Conc: 39.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



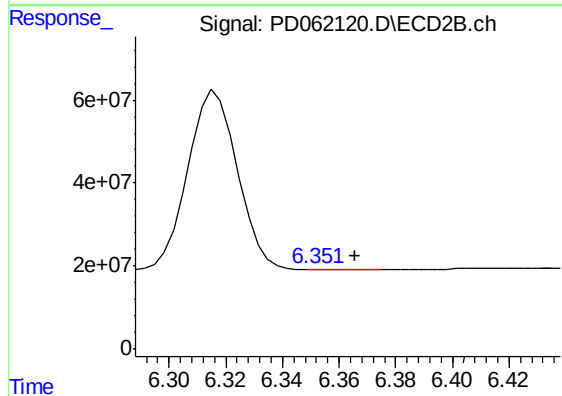
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.001 min  
Response: 392173582  
Conc: 41.15 ng/ml



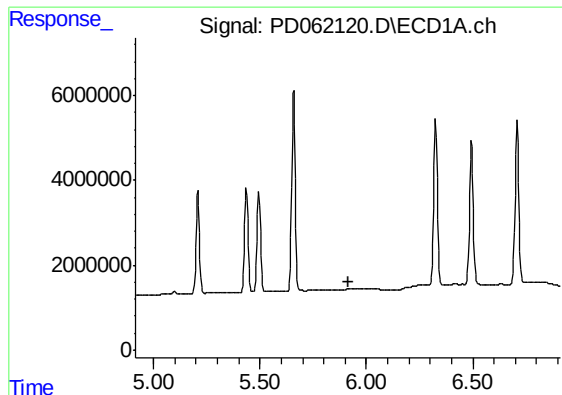
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.752 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

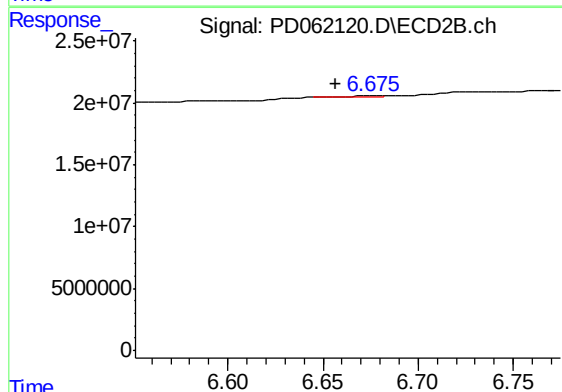
R.T.: 6.355 min  
Delta R.T.: -0.010 min  
Response: 1205295  
Conc: 21.05 ng/ml



#23 Toxaphene-2

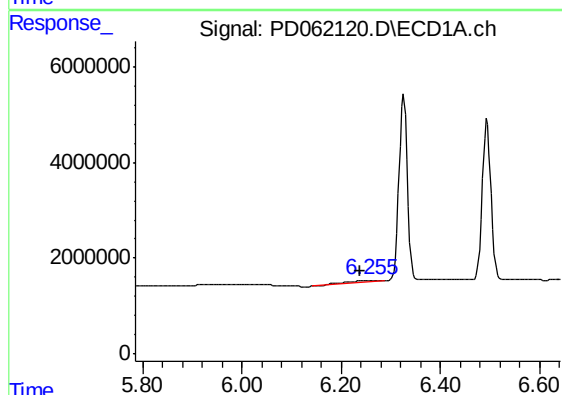
R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



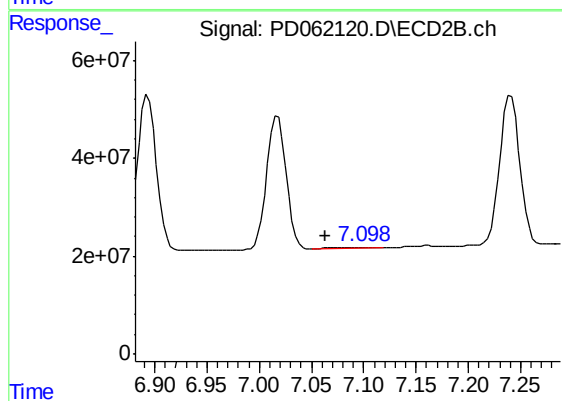
#23 Toxaphene-2

R.T.: 6.676 min  
Delta R.T.: 0.019 min  
Response: 638579  
Conc: 9.22 ng/ml



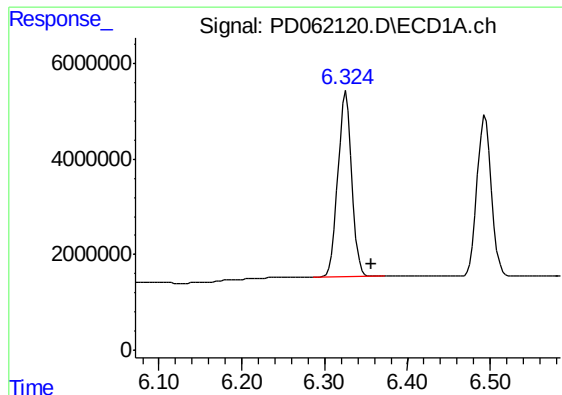
#24 Toxaphene-3

R.T.: 6.257 min  
Delta R.T.: 0.020 min  
Response: 1711960  
Conc: 171.37 ng/ml



#24 Toxaphene-3

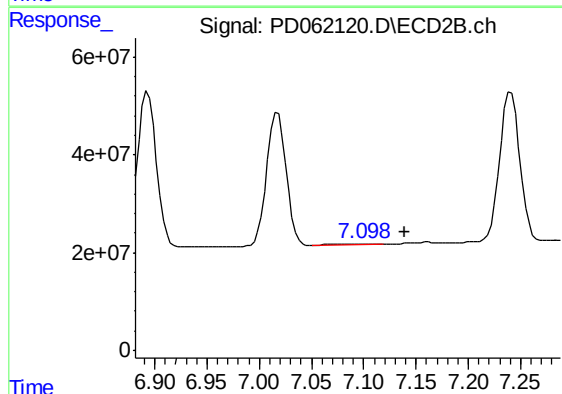
R.T.: 7.099 min  
Delta R.T.: 0.036 min  
Response: 5356855  
Conc: 56.45 ng/ml



#25 Toxaphene-4

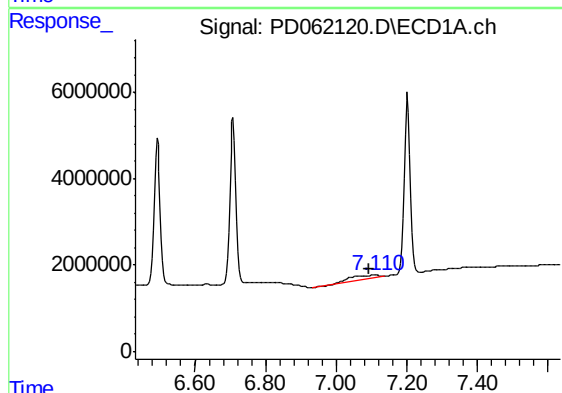
R.T.: 6.326 min  
Delta R.T.: -0.032 min  
Response: 45674815  
Conc: 2124.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



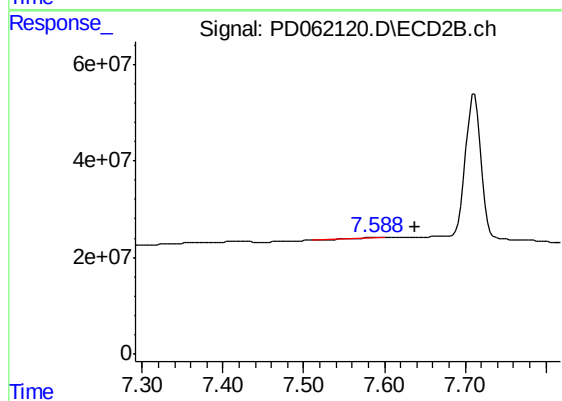
#25 Toxaphene-4

R.T.: 7.099 min  
Delta R.T.: -0.040 min  
Response: 5356855  
Conc: 20.19 ng/ml



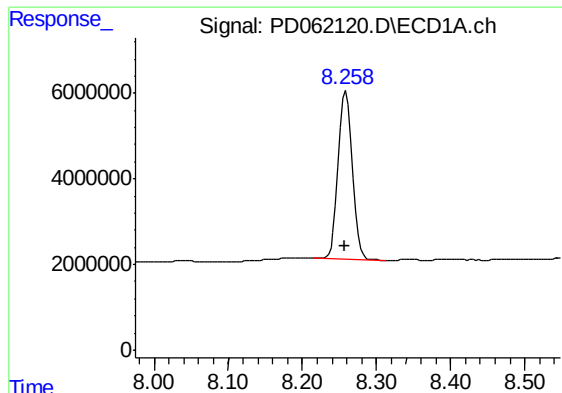
#26 Toxaphene-5

R.T.: 7.111 min  
Delta R.T.: 0.019 min  
Response: 4335135  
Conc: 181.27 ng/ml



#26 Toxaphene-5

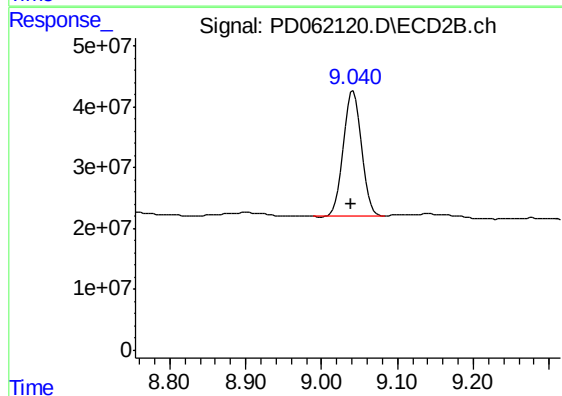
R.T.: 7.589 min  
Delta R.T.: -0.050 min  
Response: 2773878  
Conc: 24.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.259 min  
Delta R.T.: 0.002 min  
Response: 51192761  
Conc: 38.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB324



#27 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.002 min  
Response: 338243103  
Conc: 36.74 ng/ml