

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020421\  
 Data File : PD061131.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2021 15:52  
 Operator : DD\AJ  
 Sample : INDA301  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA302

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 00:57:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012521CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 26 00:33:50 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... | 3.496  | 4.021  | 21466235 | 140.4E6  | 21.149   | 19.618     |
| 27)                         | SA Decachlor... | 8.278  | 9.107  | 46190061 | 258.2E6  | 36.658   | 38.025     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.936  | 4.412  | 32774754 | 219.3E6  | 21.985   | 19.817     |
| 3)                          | MA gamma-BHC... | 4.222  | 4.698  | 30667747 | 203.2E6  | 20.961   | 20.028     |
| 4)                          | MA Heptachlor   | 4.527  | 5.209  | 29058716 | 202.8E6  | 19.228   | 19.235     |
| 5)                          | MB Aldrin       | 4.778  | 5.513  | 357552   | 2234425  | 0.251    | 0.228      |
| 6)                          | B beta-BHC      | 4.435f | 4.869  | 330354   | 171953   | 0.530    | <MDL #     |
| 7)                          | B delta-BHC     | 4.707f | 5.058f | 1120319  | 3156843  | 0.796    | 0.310 #    |
| 8)                          | B Heptachlor... | 0.000  | 5.898  | 0        | 742932   | N.D.     | <MDL       |
| 9)                          | A Endosulfan I  | 5.564  | 6.260  | 25103351 | 171.7E6  | 19.143   | 19.930     |
| 11)                         | B cis-Chlor...  | 5.564f | 6.260f | 25103351 | 171.7E6  | 18.294   | 19.329     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.364  | 0        | 1544598  | N.D.     | 0.174      |
| 13)                         | MA Dieldrin     | 5.809  | 6.518  | 58788769 | 360.2E6  | 40.036   | 38.749     |
| 14)                         | MA Endrin       | 6.067  | 6.737  | 44267083 | 253.2E6  | 35.612   | 34.269     |
| 15)                         | B Endosulfa...  | 6.335  | 6.948  | 850742   | 3814646  | 0.783    | 0.530 #    |
| 16)                         | A 4,4'-DDD      | 6.191  | 6.856  | 48557093 | 285.6E6  | 41.369   | 40.137     |
| 17)                         | MA 4,4'-DDT     | 6.434  | 7.156  | 43827708 | 253.1E6  | 35.794   | 34.851     |
| 18)                         | B Endrin al...  | 6.509  | 7.068  | 2032499  | 12053466 | 2.110    | 2.033      |
| 20)                         | A Methoxychlor  | 6.980  | 7.613  | 105.9E6  | 578.7E6  | 169.653  | 175.326    |
| 21)                         | B Endrin ke...  | 7.217  | 7.765  | 6552055  | 11331692 | 5.070    | 1.557 #    |
| 22)                         | Toxaphene-1     | 5.809  | 6.465  | 58788769 | 4195548  | 4934.031 | 76.976 #   |
| 23)                         | Toxaphene-2     | 5.978  | 6.737  | 363017   | 253.2E6  | 29.335   | 3849.286 # |
| 24)                         | Toxaphene-3     | 6.191  | 7.107  | 48557093 | 928193   | 3506.359 | 9.689 #    |
| 25)                         | Toxaphene-4     | 6.335  | 7.156  | 850742   | 253.1E6  | 26.442   | 966.549 #  |
| 26)                         | Toxaphene-5     | 7.050  | 0.000  | 1134189  | 0        | 32.645   | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

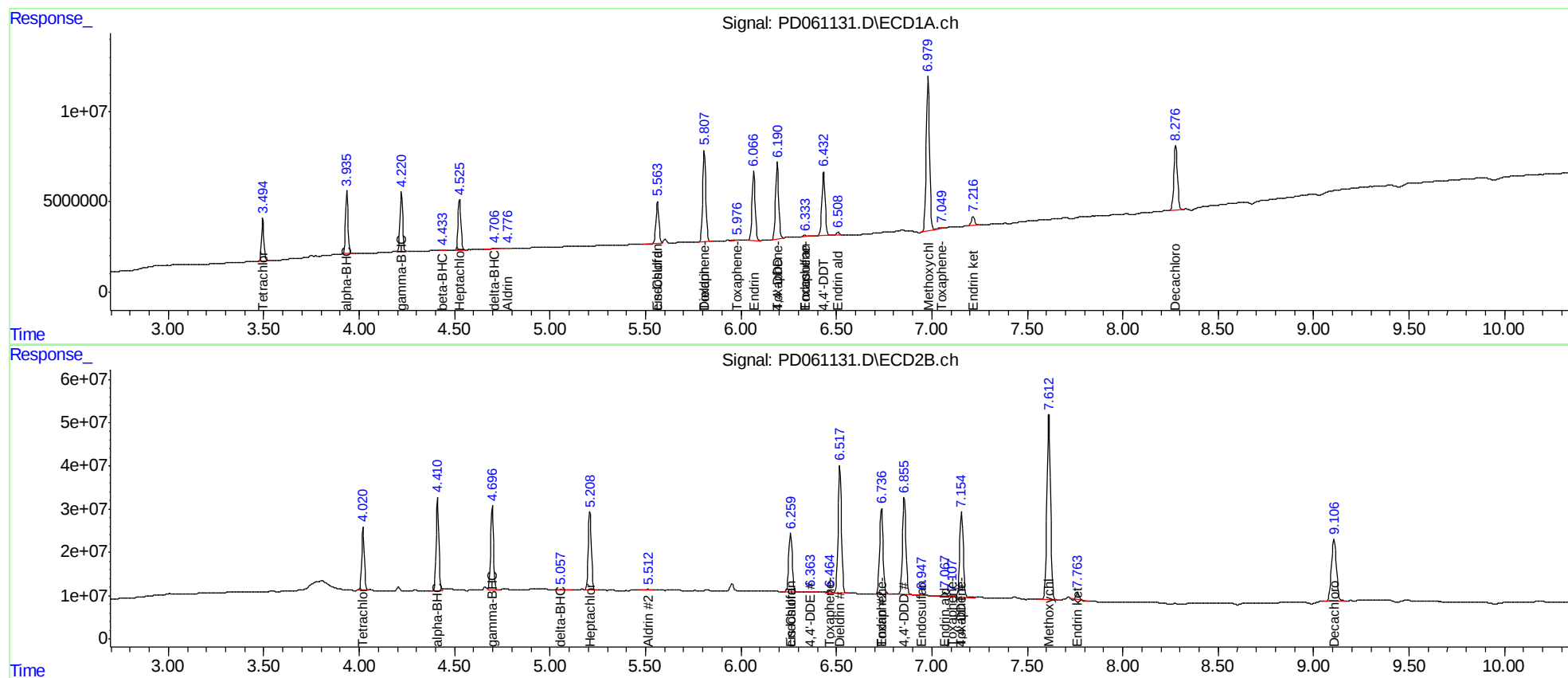
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

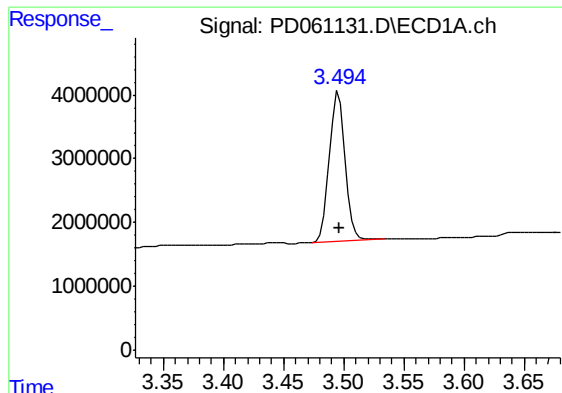
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020421\  
Data File : PD061131.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2021 15:52  
Operator : DD\AJ  
Sample : INDA301  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
INDA302

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 00:57:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012521CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 26 00:33:50 2021  
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

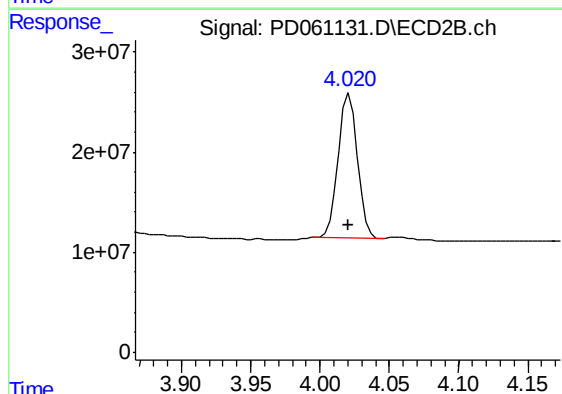




#1 Tetrachloro-m-xylene

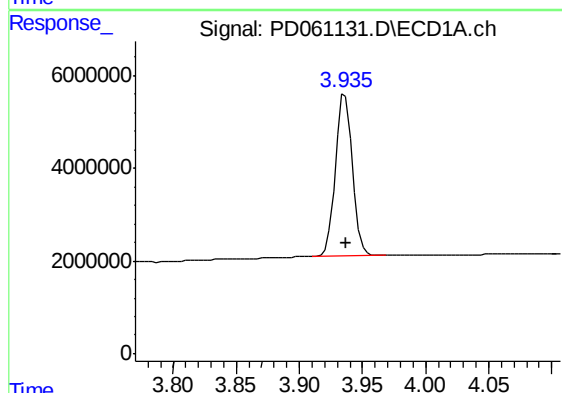
R.T.: 3.496 min  
Delta R.T.: -0.001 min  
Response: 21466235  
Conc: 21.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



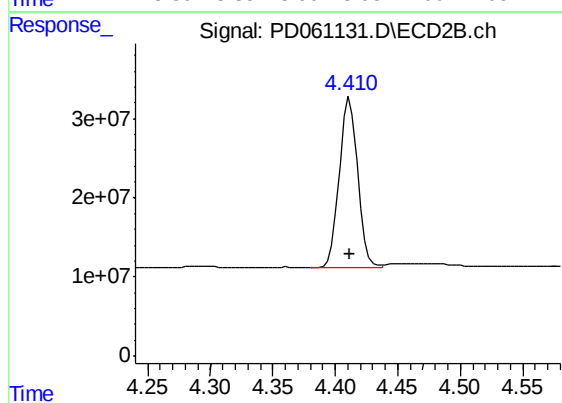
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 140379342  
Conc: 19.62 ng/ml



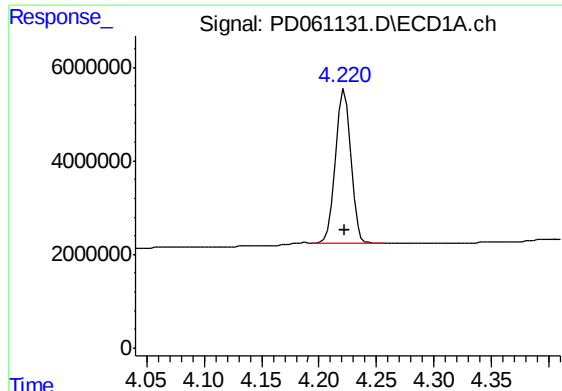
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 32774754  
Conc: 21.99 ng/ml



#2 alpha-BHC

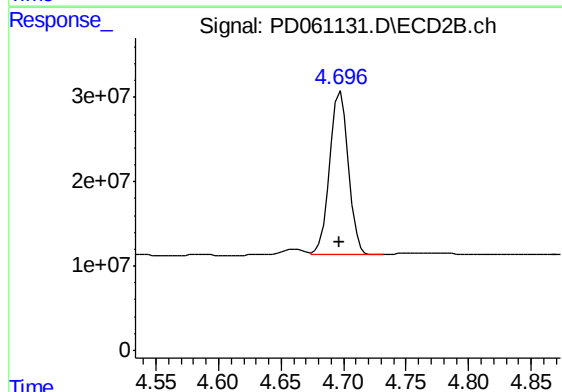
R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 219280144  
Conc: 19.82 ng/ml



#3 gamma-BHC (Lindane)

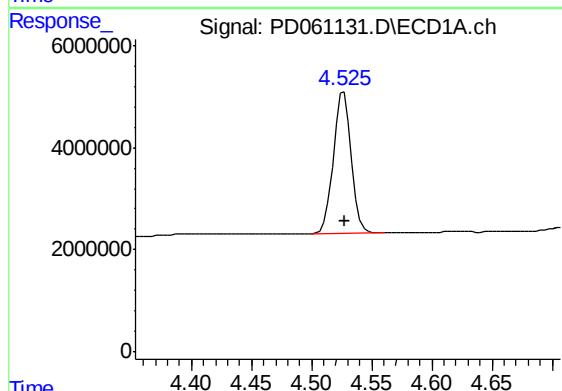
R.T.: 4.222 min  
Delta R.T.: 0.000 min  
Response: 30667747  
Conc: 20.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



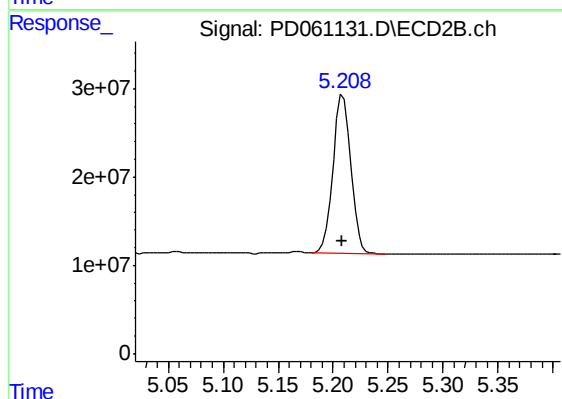
#3 gamma-BHC (Lindane)

R.T.: 4.698 min  
Delta R.T.: 0.000 min  
Response: 203168246  
Conc: 20.03 ng/ml



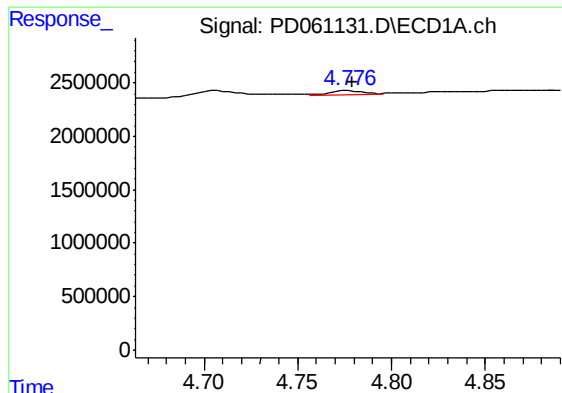
#4 Heptachlor

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 29058716  
Conc: 19.23 ng/ml



#4 Heptachlor

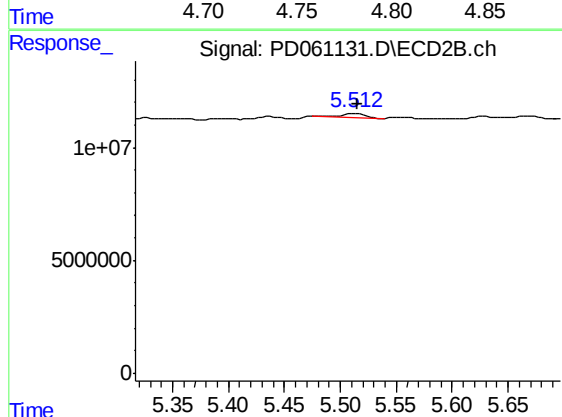
R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 202818861  
Conc: 19.23 ng/ml



#5 Aldrin

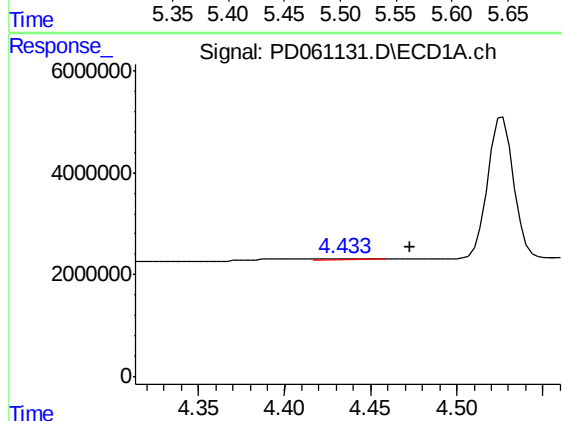
R.T.: 4.778 min  
Delta R.T.: -0.001 min  
Response: 357552  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



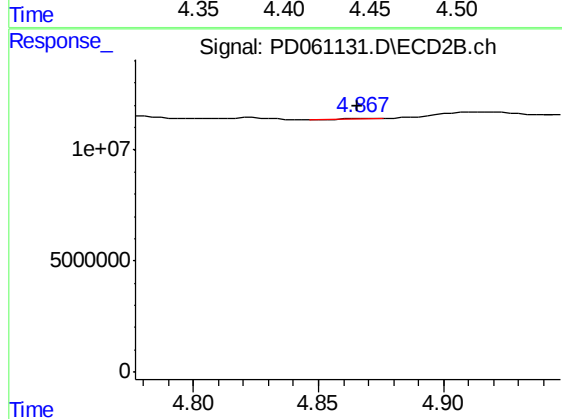
#5 Aldrin

R.T.: 5.513 min  
Delta R.T.: -0.002 min  
Response: 2234425  
Conc: 0.23 ng/ml



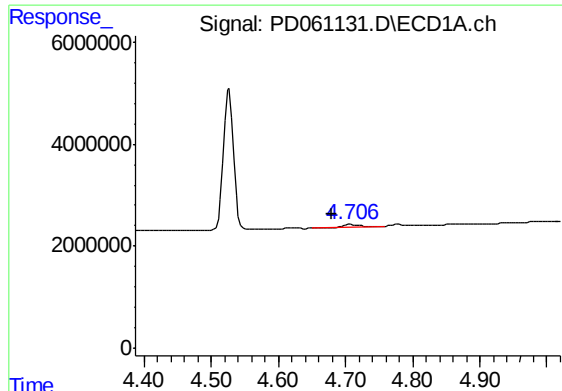
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: -0.038 min  
Response: 330354  
Conc: 0.53 ng/ml



#6 beta-BHC

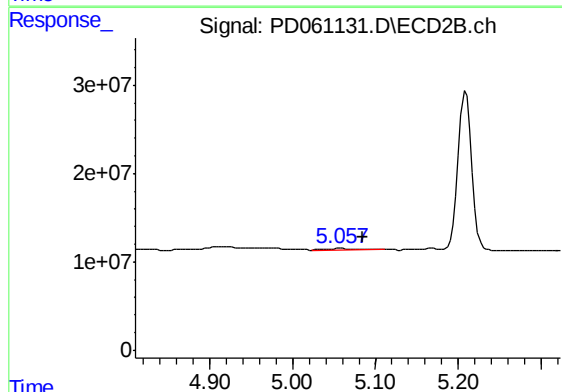
R.T.: 4.869 min  
Delta R.T.: 0.003 min  
Response: 171953  
Conc: N.D.



#7 delta-BHC

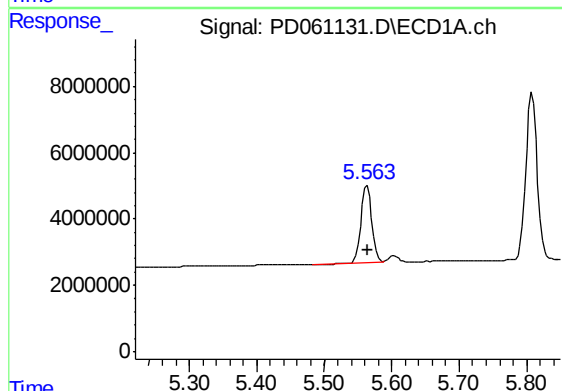
R.T.: 4.707 min  
Delta R.T.: 0.027 min  
Response: 1120319  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



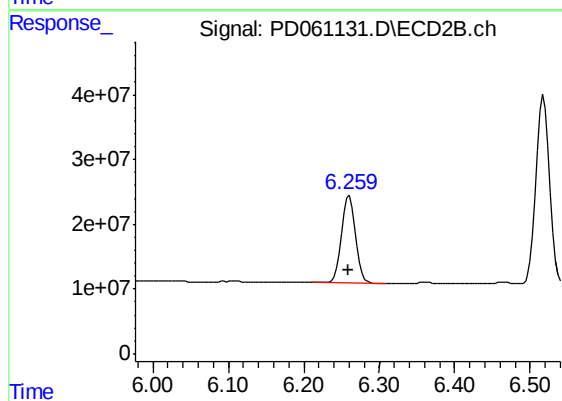
#7 delta-BHC

R.T.: 5.058 min  
Delta R.T.: -0.026 min  
Response: 3156843  
Conc: 0.31 ng/ml



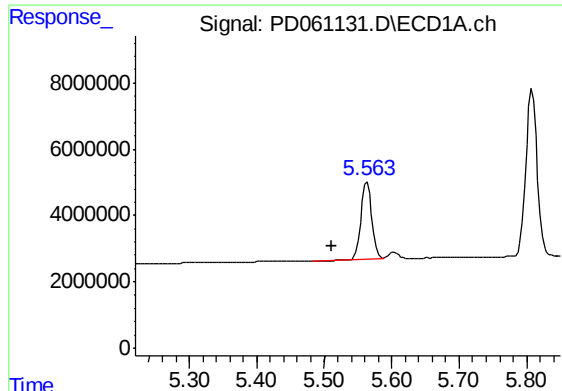
#9 Endosulfan I

R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 25103351  
Conc: 19.14 ng/ml



#9 Endosulfan I

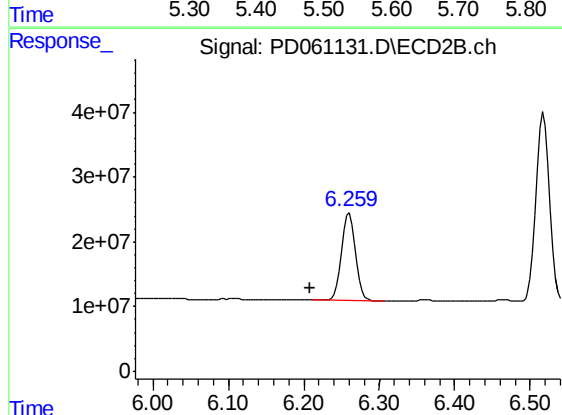
R.T.: 6.260 min  
Delta R.T.: 0.000 min  
Response: 171715014  
Conc: 19.93 ng/ml



#11 cis-Chlordane

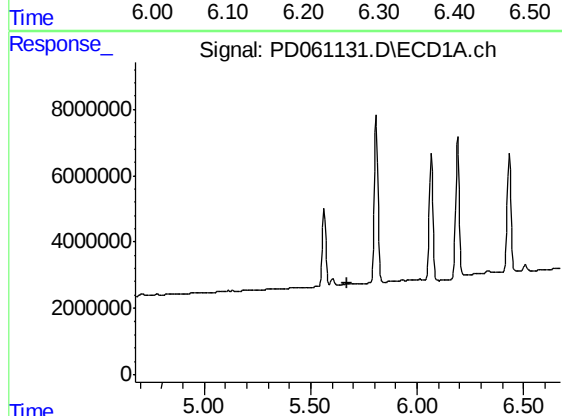
R.T.: 5.564 min  
Delta R.T.: 0.053 min  
Response: 25103351  
Conc: 18.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



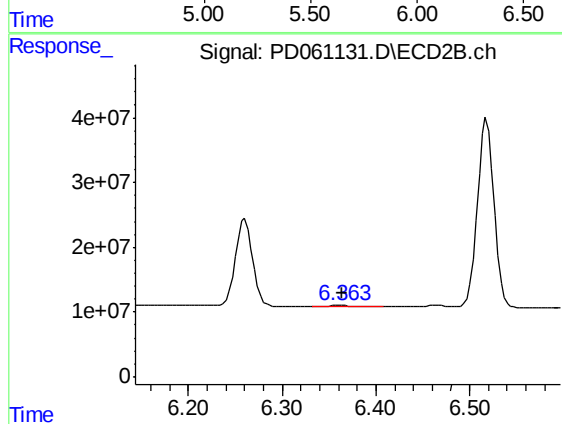
#11 cis-Chlordane

R.T.: 6.260 min  
Delta R.T.: 0.051 min  
Response: 171715014  
Conc: 19.33 ng/ml



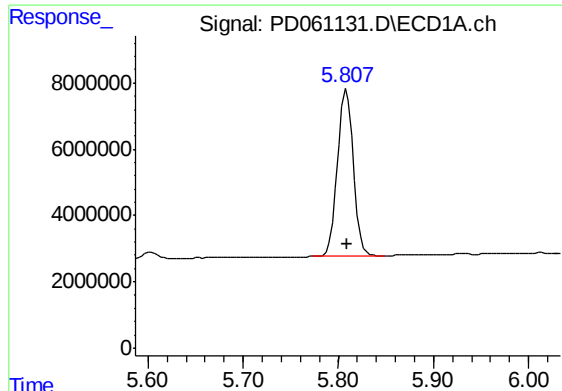
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.674 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

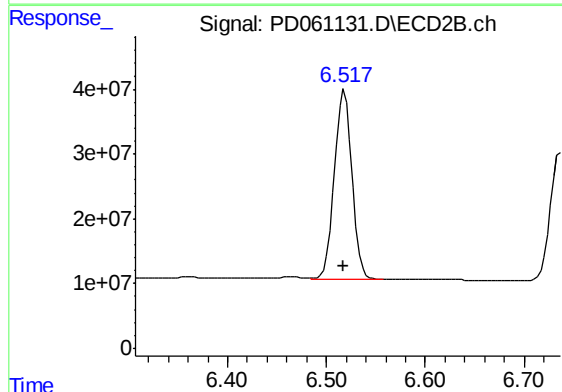
R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 1544598  
Conc: 0.17 ng/ml



#13 Dielddrin

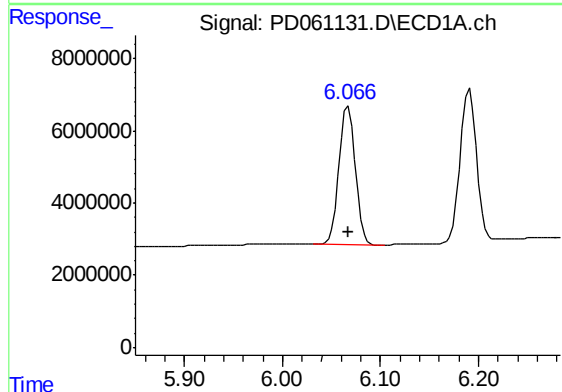
R.T.: 5.809 min  
Delta R.T.: 0.000 min  
Response: 58788769  
Conc: 40.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



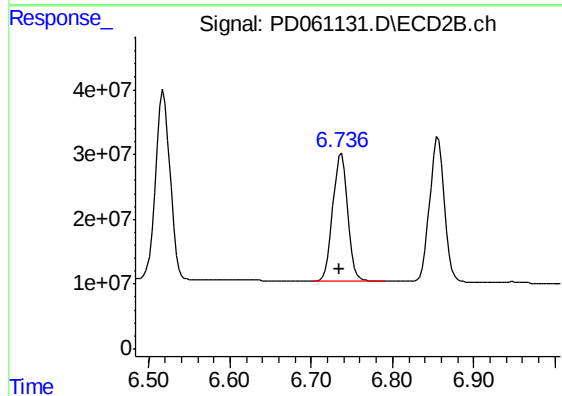
#13 Dielddrin

R.T.: 6.518 min  
Delta R.T.: 0.001 min  
Response: 360245167  
Conc: 38.75 ng/ml



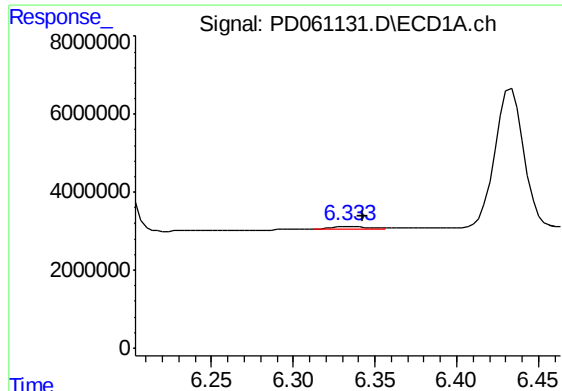
#14 Endrin

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 44267083  
Conc: 35.61 ng/ml



#14 Endrin

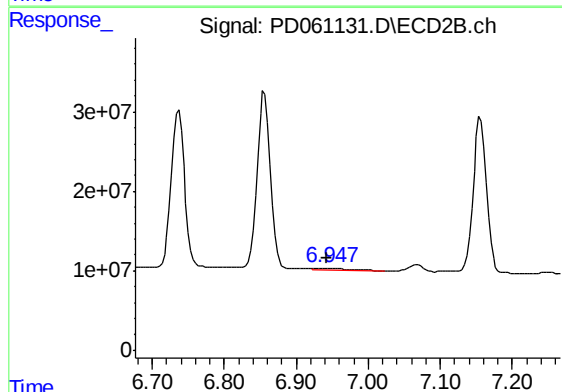
R.T.: 6.737 min  
Delta R.T.: 0.002 min  
Response: 253150149  
Conc: 34.27 ng/ml



#15 Endosulfan II

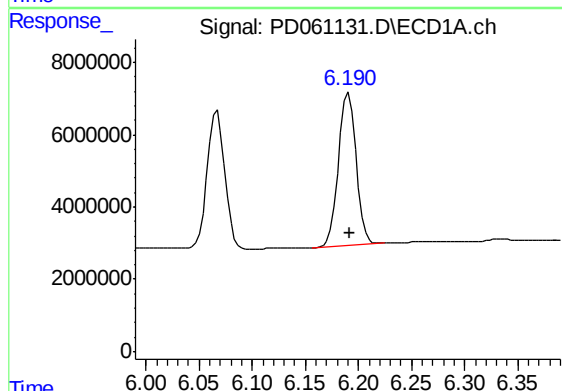
R.T.: 6.335 min  
Delta R.T.: -0.007 min  
Response: 850742  
Conc: 0.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



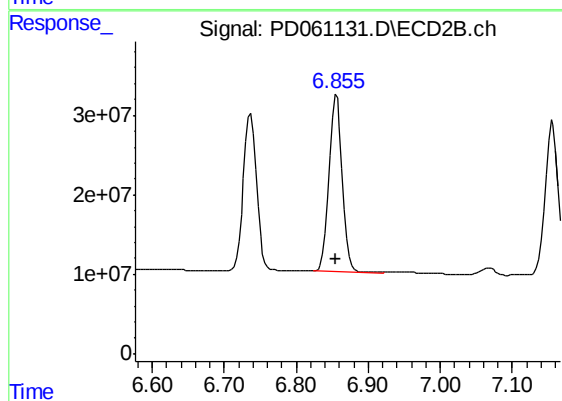
#15 Endosulfan II

R.T.: 6.948 min  
Delta R.T.: 0.005 min  
Response: 3814646  
Conc: 0.53 ng/ml



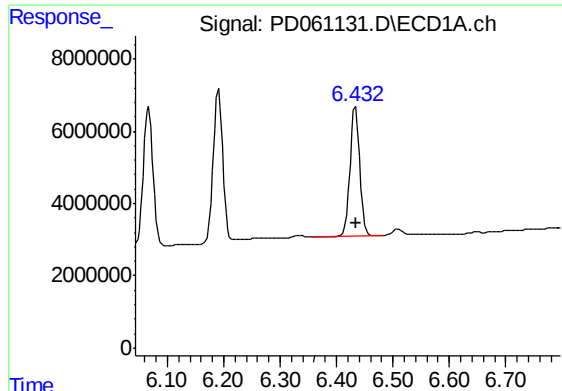
#16 4,4'-DDD

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 48557093  
Conc: 41.37 ng/ml



#16 4,4'-DDD

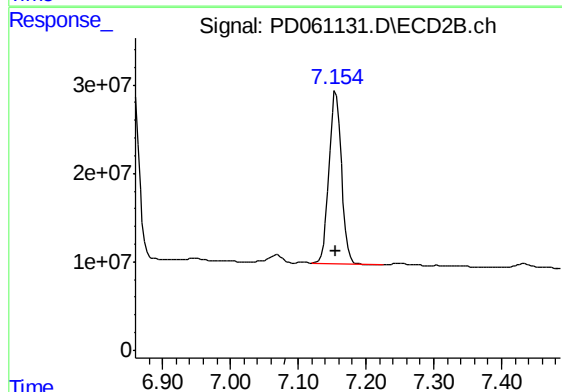
R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 285612583  
Conc: 40.14 ng/ml



#17 4,4'-DDT

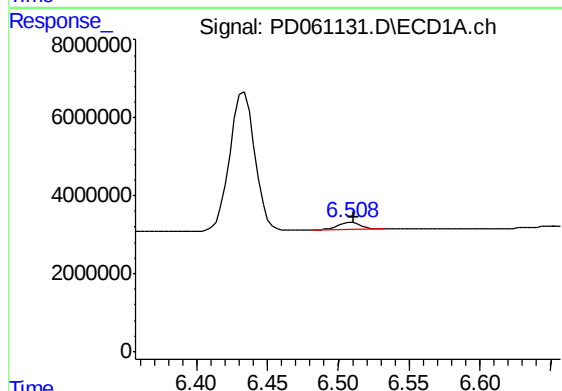
R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 43827708  
Conc: 35.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



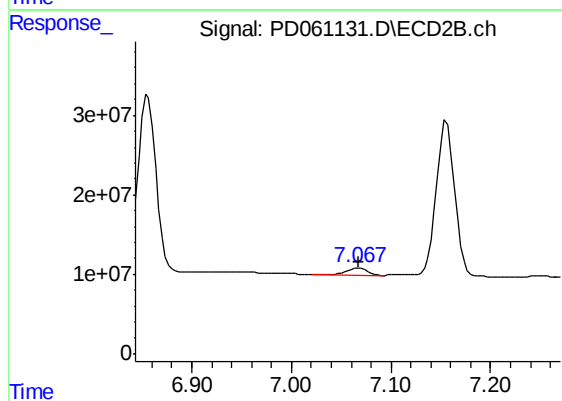
#17 4,4'-DDT

R.T.: 7.156 min  
Delta R.T.: 0.001 min  
Response: 253075183  
Conc: 34.85 ng/ml



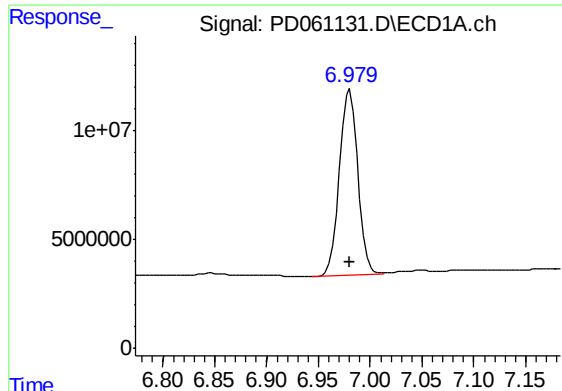
#18 Endrin aldehyde

R.T.: 6.509 min  
Delta R.T.: -0.002 min  
Response: 2032499  
Conc: 2.11 ng/ml



#18 Endrin aldehyde

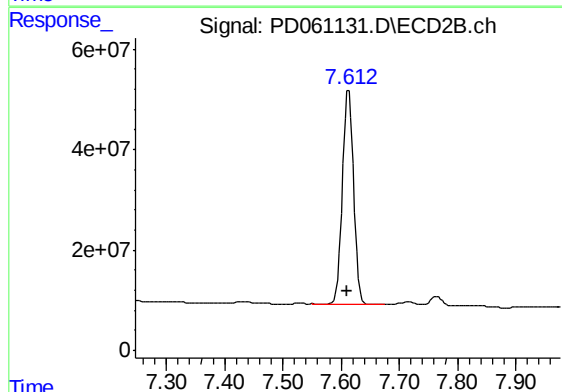
R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 12053466  
Conc: 2.03 ng/ml



#20 Methoxychlor

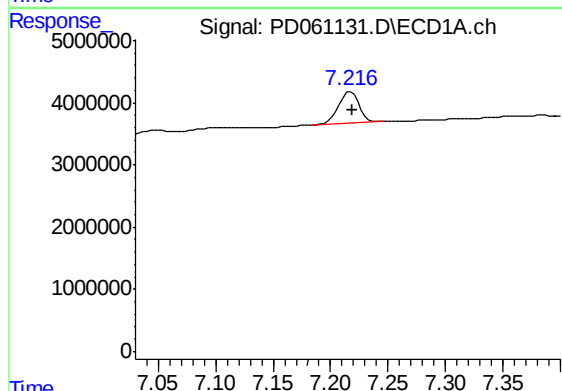
R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 105895877  
Conc: 169.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



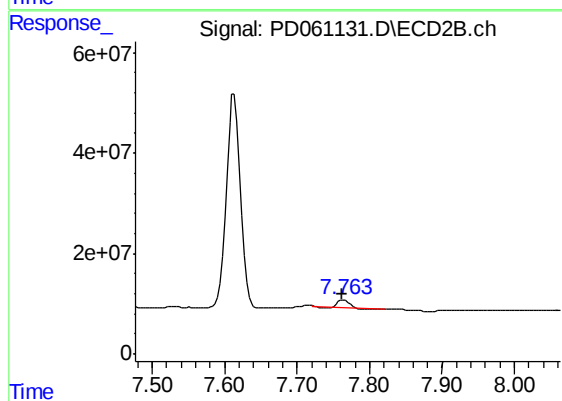
#20 Methoxychlor

R.T.: 7.613 min  
Delta R.T.: 0.002 min  
Response: 578708500  
Conc: 175.33 ng/ml



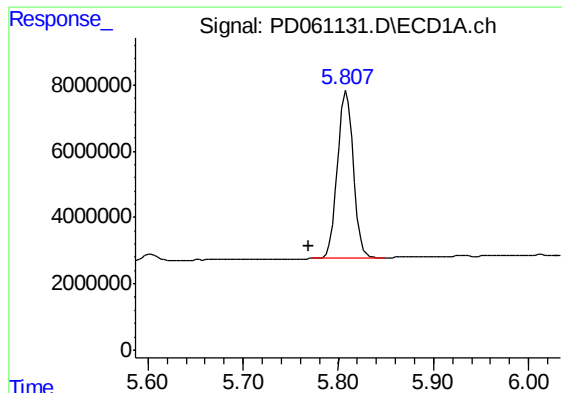
#21 Endrin ketone

R.T.: 7.217 min  
Delta R.T.: -0.002 min  
Response: 6552055  
Conc: 5.07 ng/ml



#21 Endrin ketone

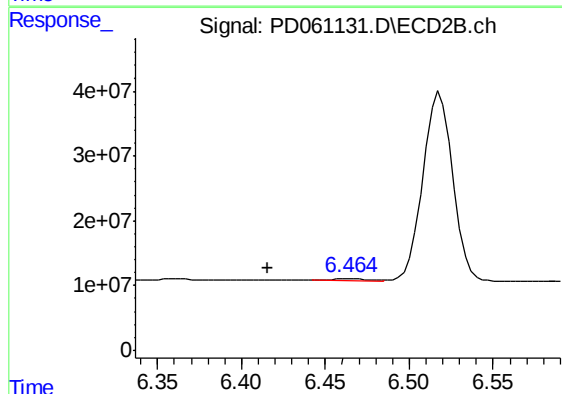
R.T.: 7.765 min  
Delta R.T.: 0.002 min  
Response: 11331692  
Conc: 1.56 ng/ml



#22 Toxaphene-1

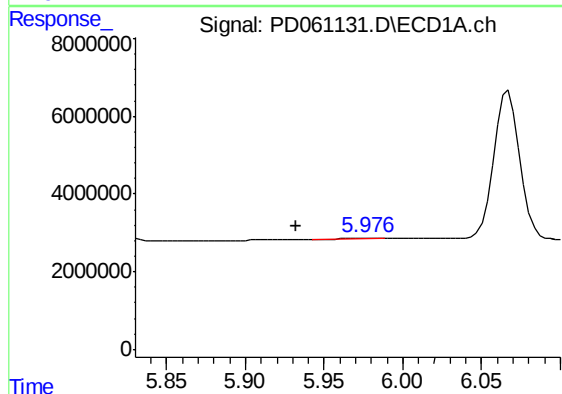
R.T.: 5.809 min  
Delta R.T.: 0.039 min  
Response: 58788769  
Conc: 4934.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



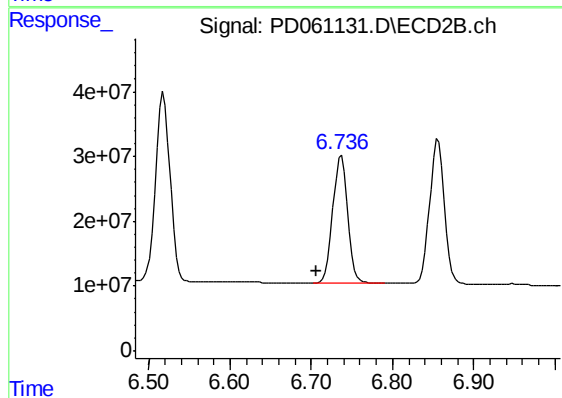
#22 Toxaphene-1

R.T.: 6.465 min  
Delta R.T.: 0.050 min  
Response: 4195548  
Conc: 76.98 ng/ml



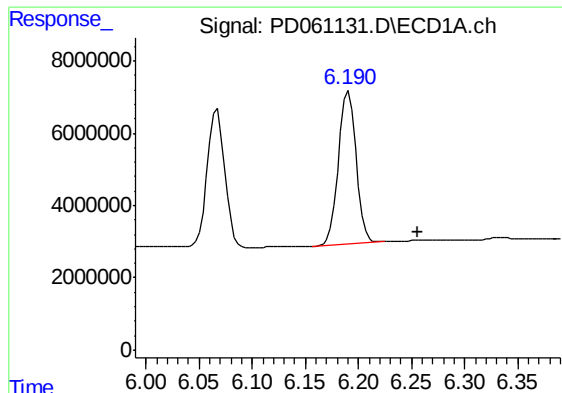
#23 Toxaphene-2

R.T.: 5.978 min  
Delta R.T.: 0.045 min  
Response: 363017  
Conc: 29.34 ng/ml



#23 Toxaphene-2

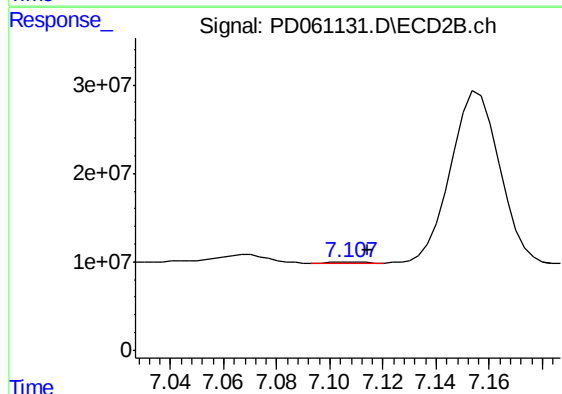
R.T.: 6.737 min  
Delta R.T.: 0.030 min  
Response: 253150149  
Conc: 3849.29 ng/ml



#24 Toxaphene-3

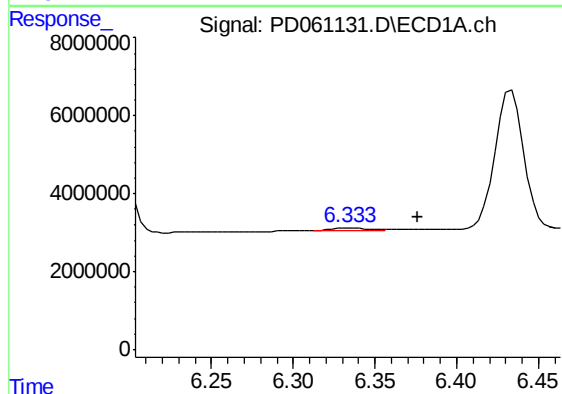
R.T.: 6.191 min  
Delta R.T.: -0.065 min  
Response: 48557093  
Conc: 3506.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



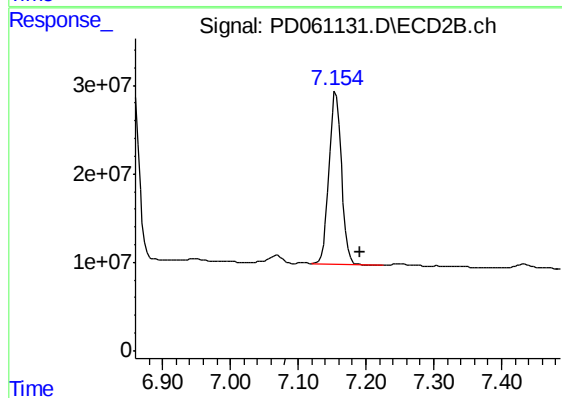
#24 Toxaphene-3

R.T.: 7.107 min  
Delta R.T.: -0.008 min  
Response: 928193  
Conc: 9.69 ng/ml



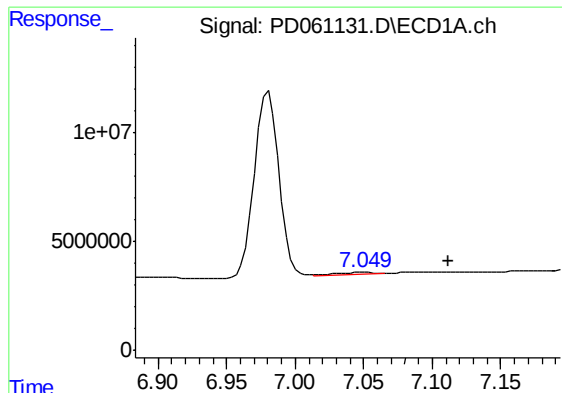
#25 Toxaphene-4

R.T.: 6.335 min  
Delta R.T.: -0.041 min  
Response: 850742  
Conc: 26.44 ng/ml



#25 Toxaphene-4

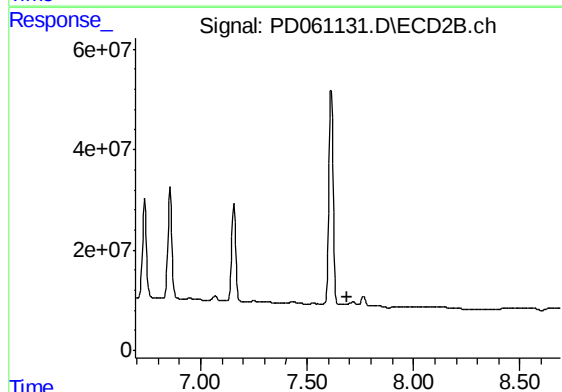
R.T.: 7.156 min  
Delta R.T.: -0.035 min  
Response: 253075183  
Conc: 966.55 ng/ml



#26 Toxaphene-5

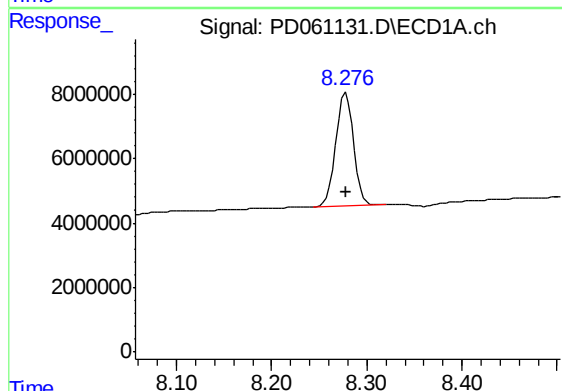
R.T.: 7.050 min  
Delta R.T.: -0.062 min  
Response: 1134189  
Conc: 32.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA302



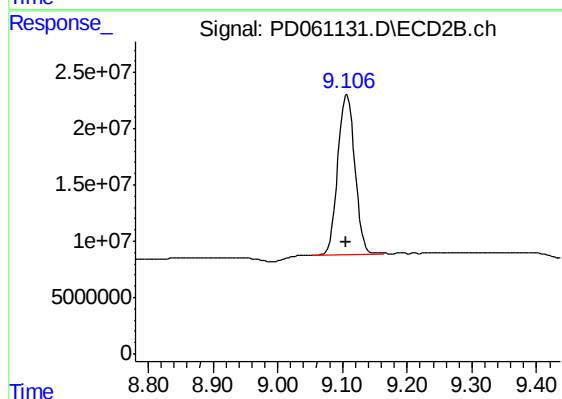
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.692 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.278 min  
Delta R.T.: 0.000 min  
Response: 46190061  
Conc: 36.66 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: 0.001 min  
Response: 258220234  
Conc: 38.02 ng/ml