

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062022\  
 Data File : PD070404.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2022 14:47  
 Operator : AR\AJ  
 Sample : INDB224  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 03:10:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 14 16:58:30 2022  
 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

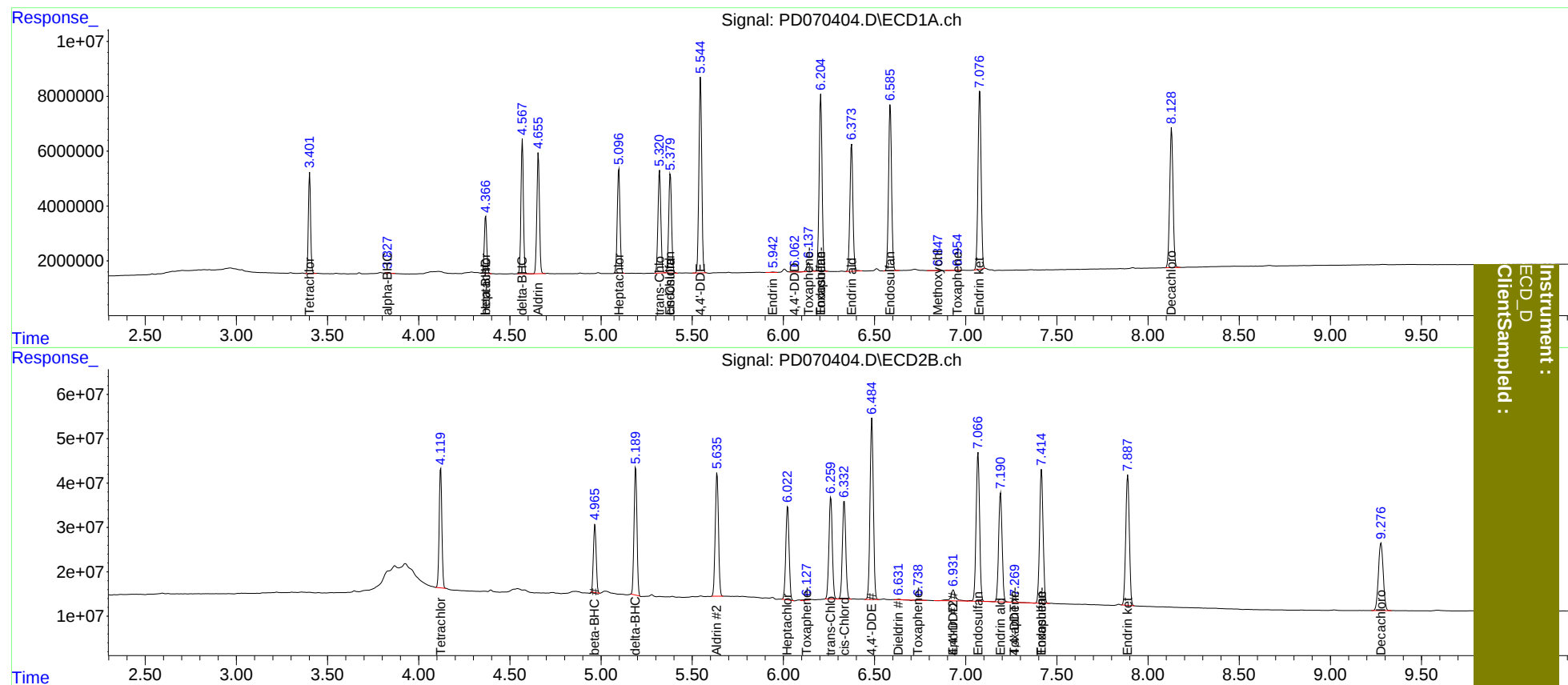
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.402  | 4.121  | 31429004 | 277.1E6  | 21.670   | 20.511     |
| 27)                         | SA Decachlor... | 8.129  | 9.278  | 64669271 | 278.6E6  | 40.376   | 38.604     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.829  | 0.000  | 329514   | 0        | 0.156    | N.D. #     |
| 4)                          | MA Heptachlor   | 4.367f | 5.324  | 19884984 | -321784  | 10.104   | N.D. #     |
| 5)                          | MB Aldrin       | 4.656  | 5.636  | 43782792 | 342.2E6  | 22.953   | 20.588     |
| 6)                          | B beta-BHC      | 4.367  | 4.967  | 19884984 | 162.7E6  | 22.216   | 20.572     |
| 7)                          | B delta-BHC     | 4.569  | 5.190  | 45350110 | 318.6E6  | 22.472   | 24.693     |
| 8)                          | B Heptachlo...  | 5.098  | 6.024  | 39732717 | 266.1E6  | 22.682   | 22.802     |
| 9)                          | A Endosulfan I  | 5.380f | 6.388  | 39847921 | 1080251  | 23.690   | <MDL #     |
| 10)                         | B trans-Chl...  | 5.321  | 6.260  | 40581186 | 294.3E6  | 22.562   | 20.361     |
| 11)                         | B cis-Chlor...  | 5.380  | 6.334  | 39847921 | 286.5E6  | 22.529   | 20.403     |
| 12)                         | B 4,4'-DDE      | 5.546  | 6.486  | 76519888 | 517.2E6  | 45.327   | 39.779     |
| 13)                         | MA Dieldrin     | 0.000  | 6.633  | 0        | 1654989  | N.D.     | 0.121      |
| 14)                         | MA Endrin       | 5.944  | 6.932f | 222057   | 47726802 | 0.130    | 4.148 #    |
| 15)                         | B Endosulfa...  | 6.205  | 7.068  | 72096312 | 445.8E6  | 44.429   | 40.534     |
| 16)                         | A 4,4'-DDD      | 6.063  | 6.932f | 339043   | 47726802 | 0.224    | 4.323 #    |
| 17)                         | MA 4,4'-DDT     | 6.321  | 7.270  | 143490   | 9108387  | <MDL     | 0.886 #    |
| 18)                         | B Endrin al...  | 6.374  | 7.191  | 53928039 | 331.2E6  | 43.351   | 39.372     |
| 19)                         | B Endosulfa...  | 6.586  | 7.416  | 69766387 | 401.9E6  | 44.046   | 40.661     |
| 20)                         | A Methoxychlor  | 6.849  | 0.000  | 153296   | 0        | 0.181    | N.D. #     |
| 21)                         | B Endrin ke...  | 7.077  | 7.889  | 77952203 | 405.4E6  | 43.712   | 39.792     |
| 22)                         | Toxaphene-1     | 0.000  | 6.129  | 0        | 3536703  | N.D.     | 111.145    |
| 23)                         | Toxaphene-2     | 6.138  | 6.740  | 4571953  | 348418   | 421.806  | 2.839 #    |
| 24)                         | Toxaphene-3     | 6.205  | 7.270f | 72096312 | 9108387  | 2610.803 | 33.665 #   |
| 25)                         | Toxaphene-4     | 6.955  | 7.416  | 249971   | 401.9E6  | 7.688    | 2507.066 # |
| -----                       |                 |        |        |          |          |          |            |

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

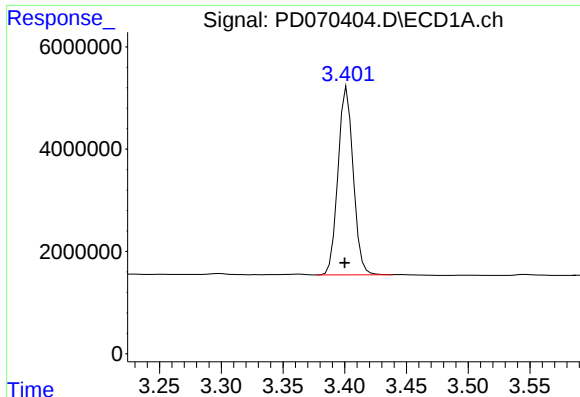
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062022\  
Data File : PD070404.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2022 14:47  
Operator : AR\AJ  
Sample : INDB224  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 03:10:05 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 14 16:58:30 2022  
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



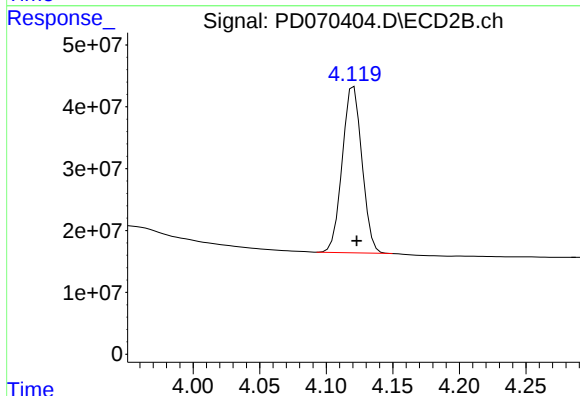
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

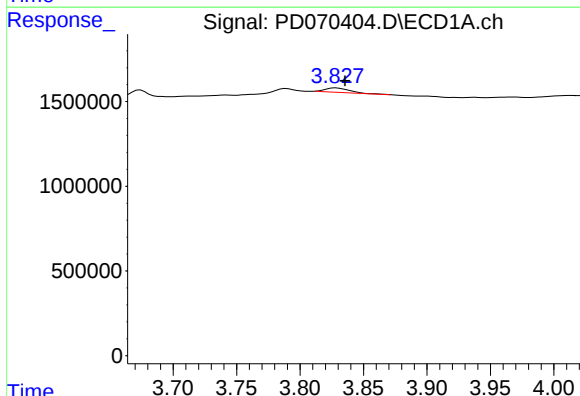
R.T.: 3.402 min  
Delta R.T.: 0.002 min  
Response: 31429004  
Conc: 21.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



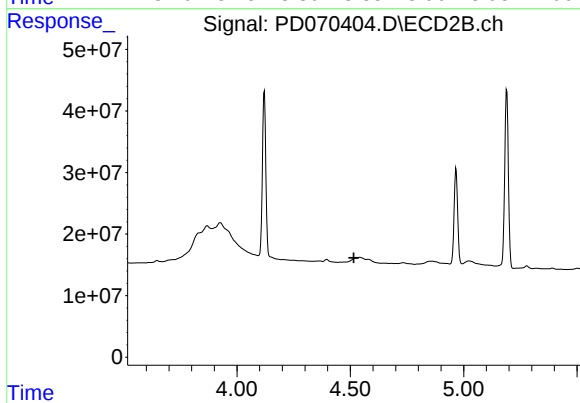
#1 Tetrachloro-m-xylene

R.T.: 4.121 min  
Delta R.T.: -0.002 min  
Response: 277080235  
Conc: 20.51 ng/ml



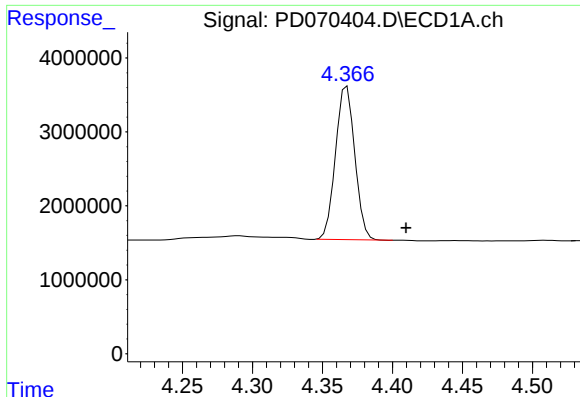
#2 alpha-BHC

R.T.: 3.829 min  
Delta R.T.: -0.007 min  
Response: 329514  
Conc: 0.16 ng/ml



#2 alpha-BHC

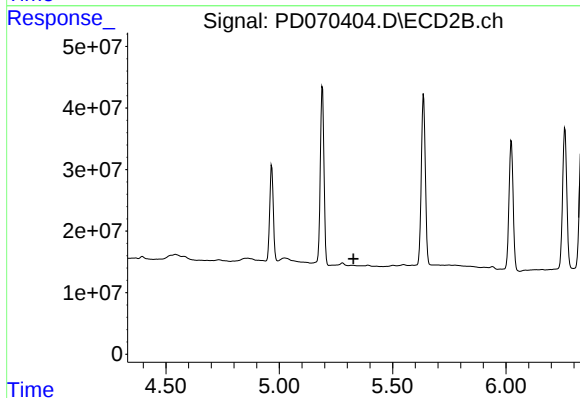
R.T.: 0.000 min  
Exp R.T. : 4.516 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

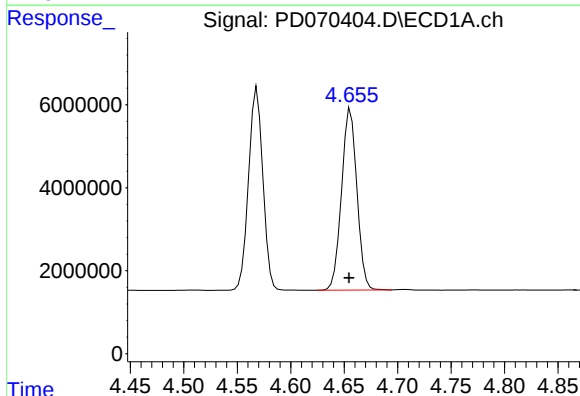
R.T.: 4.367 min  
Delta R.T.: -0.042 min  
Response: 19884984  
Conc: 10.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



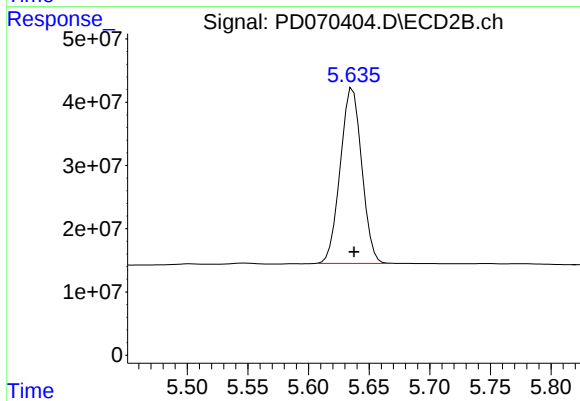
#4 Heptachlor

R.T.: 5.324 min  
Delta R.T.: -0.004 min  
Response: -321784  
Conc: N.D.



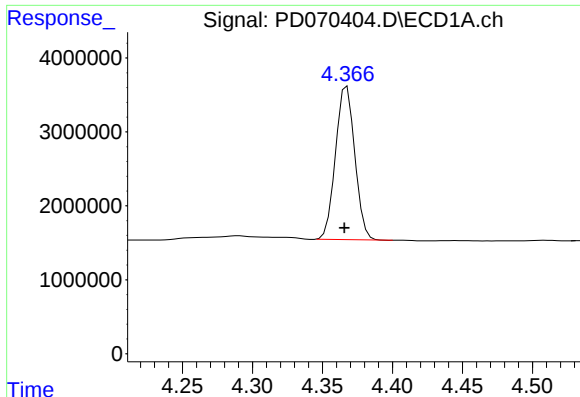
#5 Aldrin

R.T.: 4.656 min  
Delta R.T.: 0.001 min  
Response: 43782792  
Conc: 22.95 ng/ml



#5 Aldrin

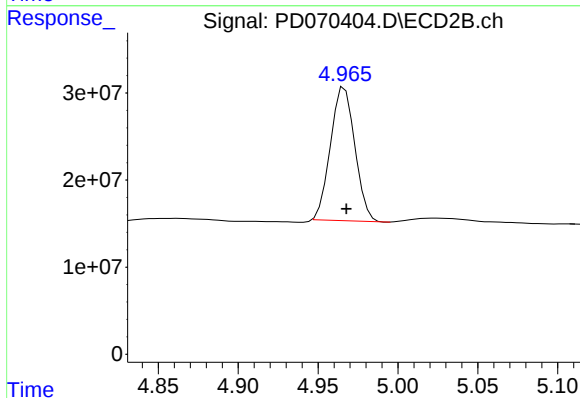
R.T.: 5.636 min  
Delta R.T.: -0.001 min  
Response: 342181727  
Conc: 20.59 ng/ml



#6 beta-BHC

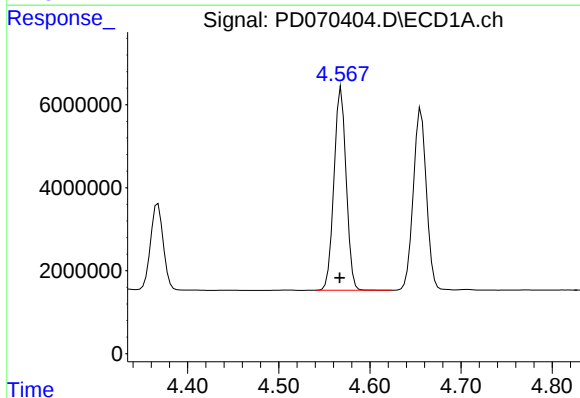
R.T.: 4.367 min  
Delta R.T.: 0.002 min  
Response: 19884984  
Conc: 22.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



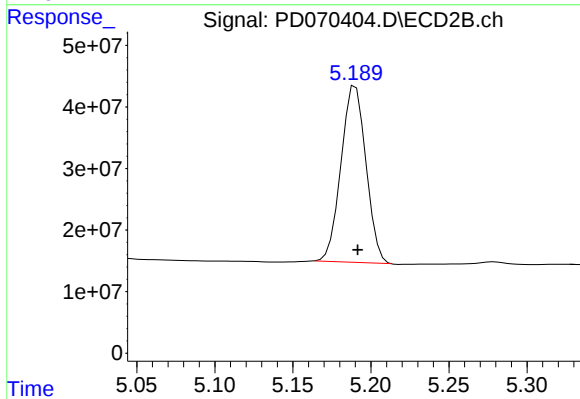
#6 beta-BHC

R.T.: 4.967 min  
Delta R.T.: -0.001 min  
Response: 162736209  
Conc: 20.57 ng/ml



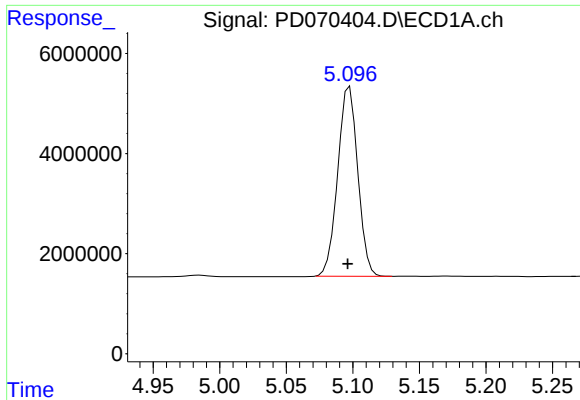
#7 delta-BHC

R.T.: 4.569 min  
Delta R.T.: 0.002 min  
Response: 45350110  
Conc: 22.47 ng/ml



#7 delta-BHC

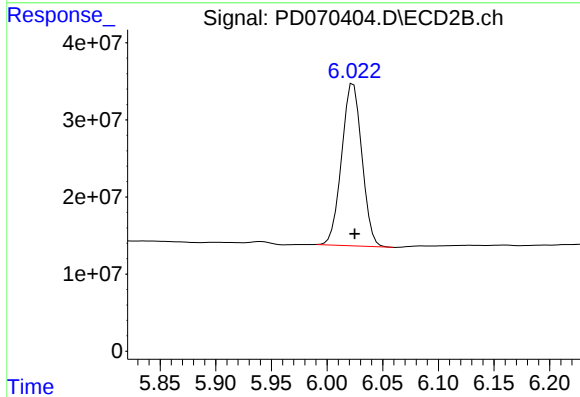
R.T.: 5.190 min  
Delta R.T.: -0.001 min  
Response: 318593002  
Conc: 24.69 ng/ml



#8 Heptachlor epoxide

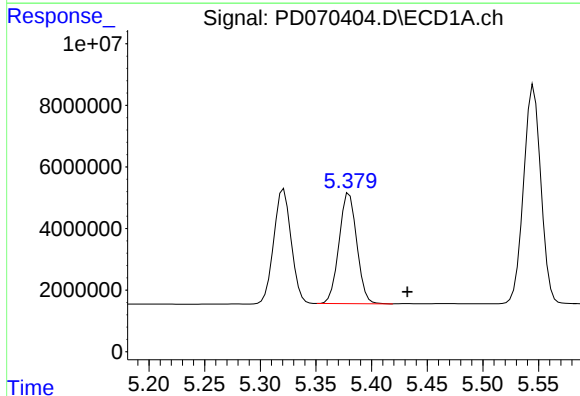
R.T.: 5.098 min  
Delta R.T.: 0.001 min  
Response: 39732717  
Conc: 22.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



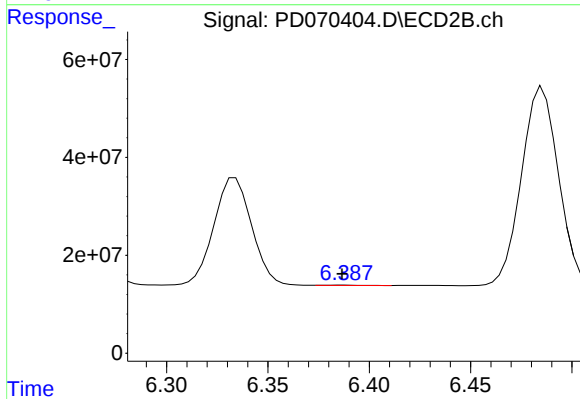
#8 Heptachlor epoxide

R.T.: 6.024 min  
Delta R.T.: -0.001 min  
Response: 266067171  
Conc: 22.80 ng/ml



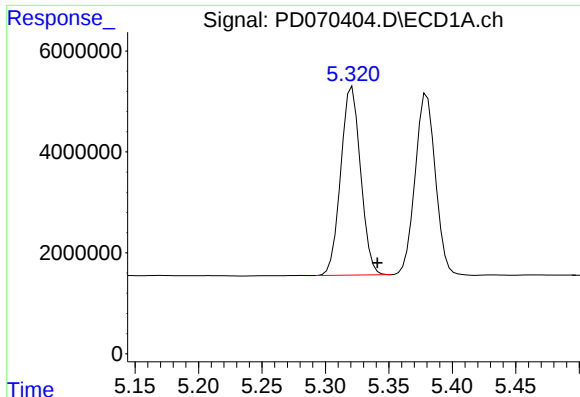
#9 Endosulfan I

R.T.: 5.380 min  
Delta R.T.: -0.052 min  
Response: 39847921  
Conc: 23.69 ng/ml



#9 Endosulfan I

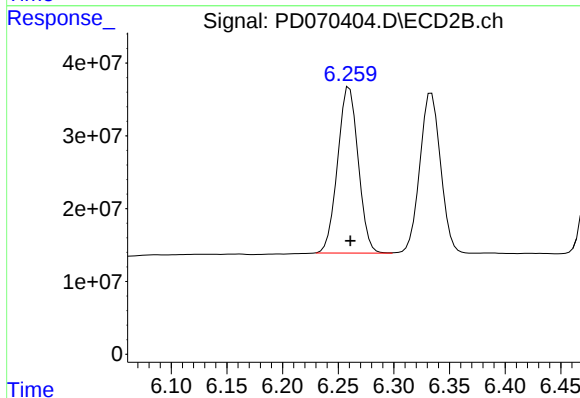
R.T.: 6.388 min  
Delta R.T.: 0.001 min  
Response: 1080251  
Conc: N.D.



#10 trans-Chlordane

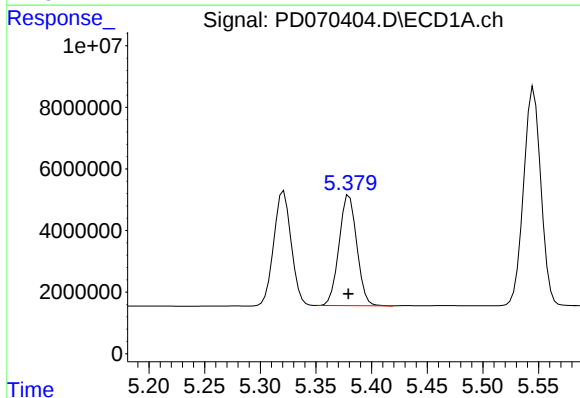
R.T.: 5.321 min  
Delta R.T.: -0.020 min  
Response: 40581186  
Conc: 22.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



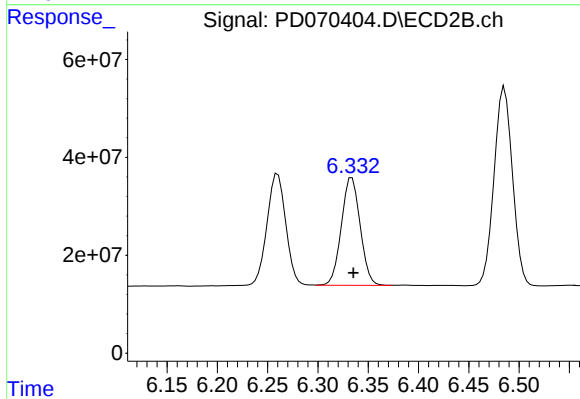
#10 trans-Chlordane

R.T.: 6.260 min  
Delta R.T.: 0.000 min  
Response: 294277604  
Conc: 20.36 ng/ml



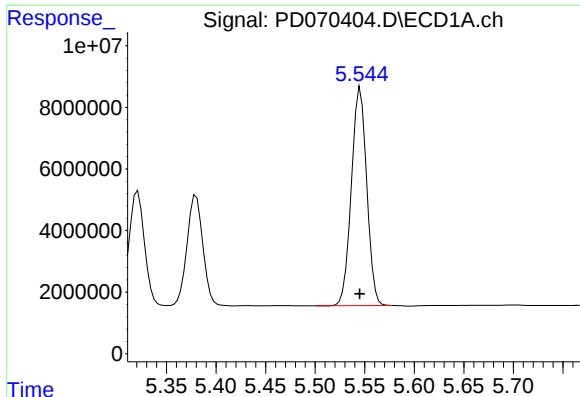
#11 cis-Chlordane

R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 39847921  
Conc: 22.53 ng/ml



#11 cis-Chlordane

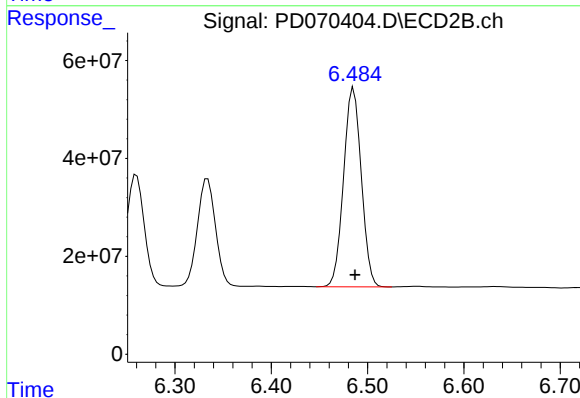
R.T.: 6.334 min  
Delta R.T.: -0.001 min  
Response: 286485510  
Conc: 20.40 ng/ml



#12 4,4'-DDE

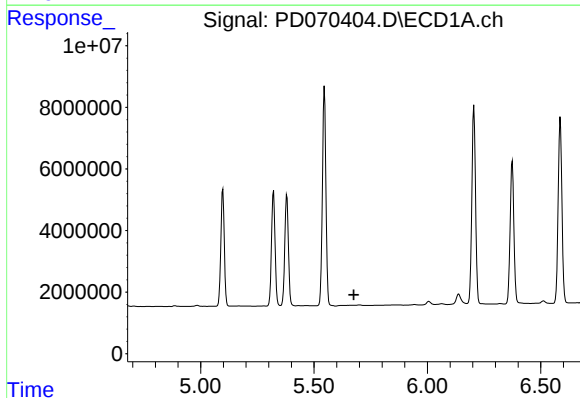
R.T.: 5.546 min  
Delta R.T.: 0.000 min  
Response: 76519888  
Conc: 45.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



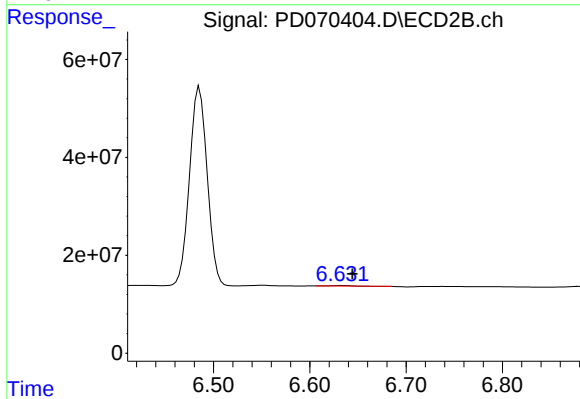
#12 4,4'-DDE

R.T.: 6.486 min  
Delta R.T.: -0.002 min  
Response: 517235085  
Conc: 39.78 ng/ml



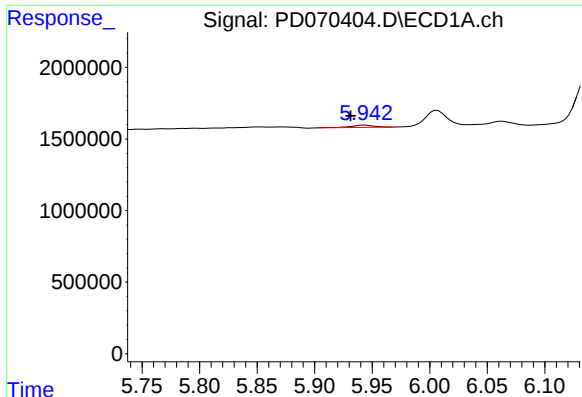
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.675 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

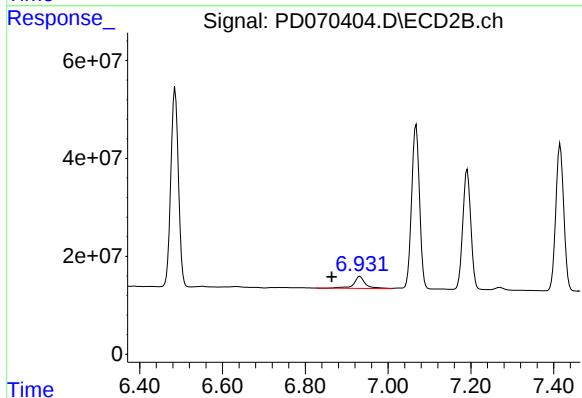
R.T.: 6.633 min  
Delta R.T.: -0.012 min  
Response: 1654989  
Conc: 0.12 ng/ml



#14 Endrin

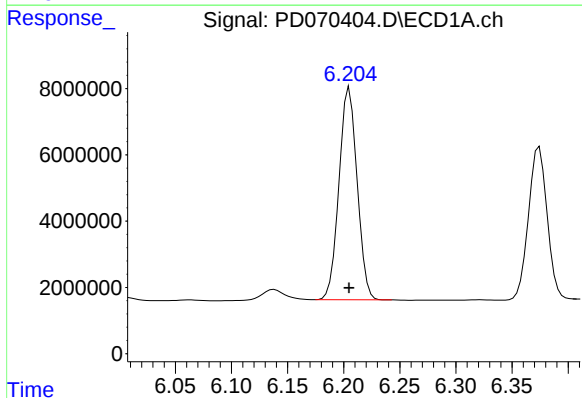
R.T.: 5.944 min  
Delta R.T.: 0.012 min  
Response: 222057  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



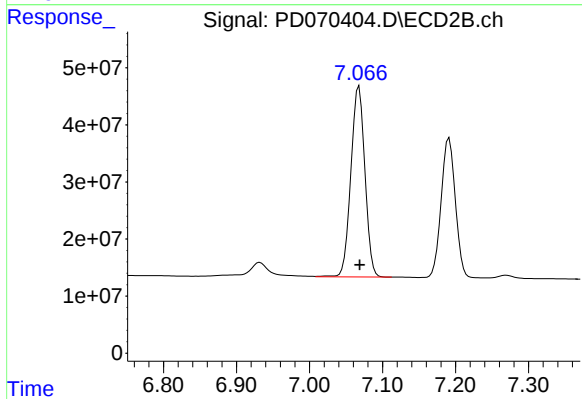
#14 Endrin

R.T.: 6.932 min  
Delta R.T.: 0.068 min  
Response: 47726802  
Conc: 4.15 ng/ml



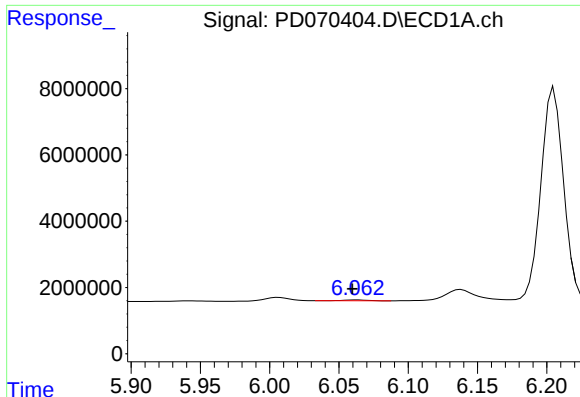
#15 Endosulfan II

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 72096312  
Conc: 44.43 ng/ml



#15 Endosulfan II

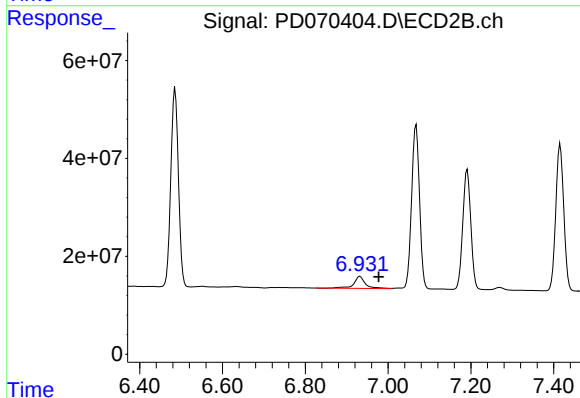
R.T.: 7.068 min  
Delta R.T.: -0.001 min  
Response: 445816098  
Conc: 40.53 ng/ml



#16 4,4'-DDD

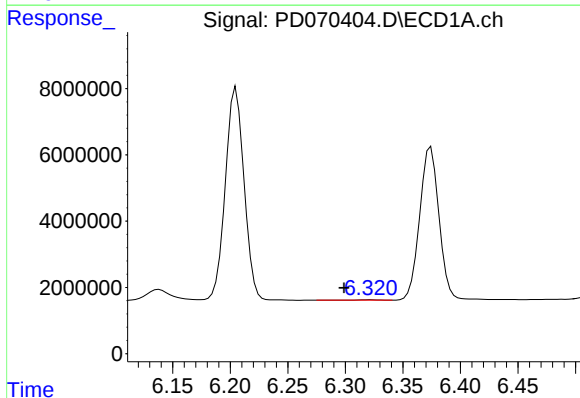
R.T.: 6.063 min  
Delta R.T.: 0.003 min  
Response: 339043  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



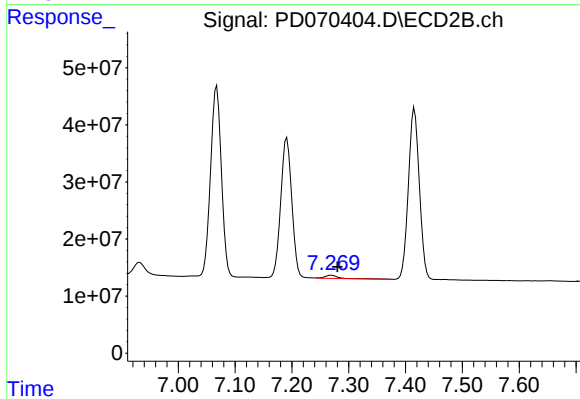
#16 4,4'-DDD

R.T.: 6.932 min  
Delta R.T.: -0.046 min  
Response: 47726802  
Conc: 4.32 ng/ml



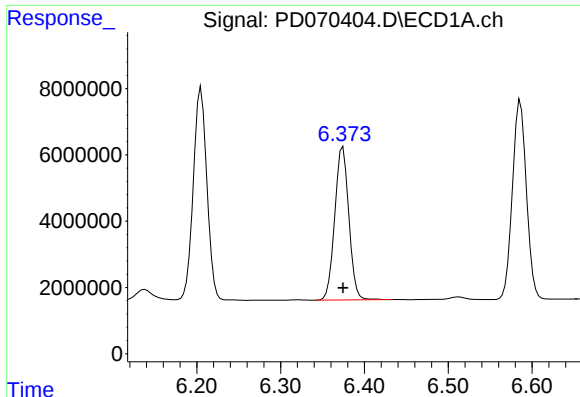
#17 4,4'-DDT

R.T.: 6.321 min  
Delta R.T.: 0.022 min  
Response: 143490  
Conc: N.D.



#17 4,4'-DDT

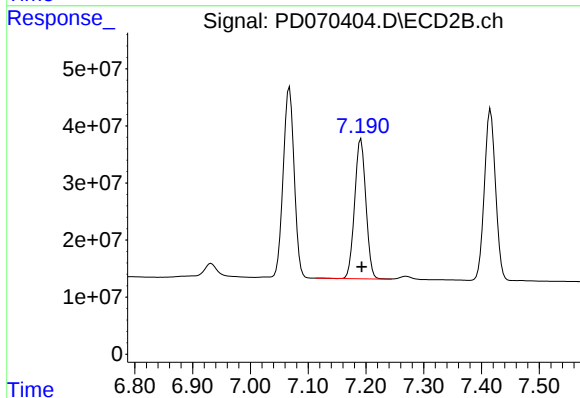
R.T.: 7.270 min  
Delta R.T.: -0.010 min  
Response: 9108387  
Conc: 0.89 ng/ml



#18 Endrin aldehyde

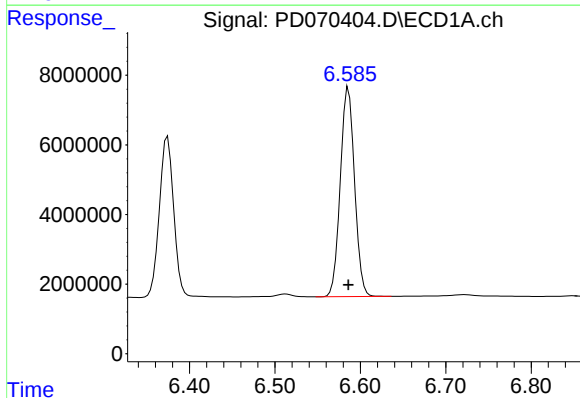
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 53928039  
Conc: 43.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



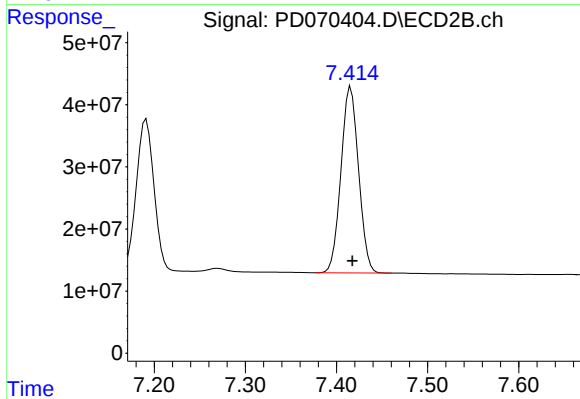
#18 Endrin aldehyde

R.T.: 7.191 min  
Delta R.T.: -0.001 min  
Response: 331166705  
Conc: 39.37 ng/ml



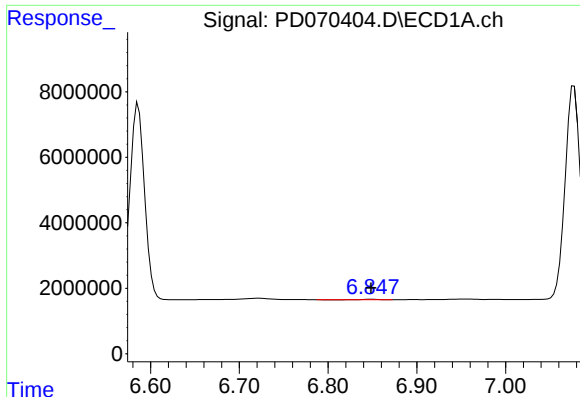
#19 Endosulfan Sulfate

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 69766387  
Conc: 44.05 ng/ml



#19 Endosulfan Sulfate

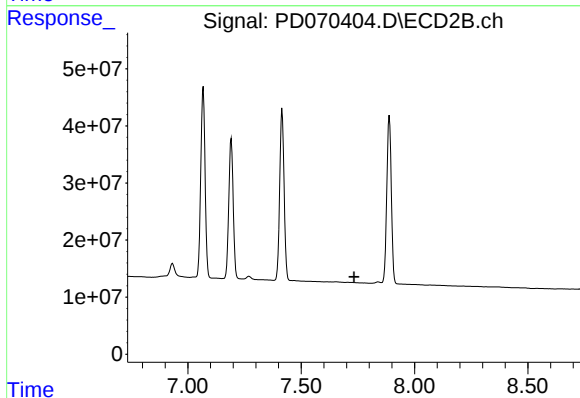
R.T.: 7.416 min  
Delta R.T.: -0.002 min  
Response: 401904746  
Conc: 40.66 ng/ml



#20 Methoxychlor

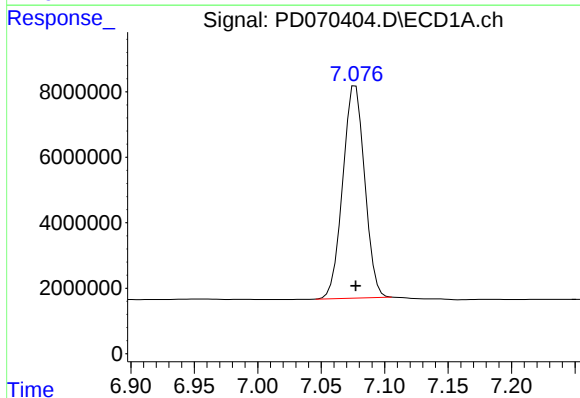
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 153296  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



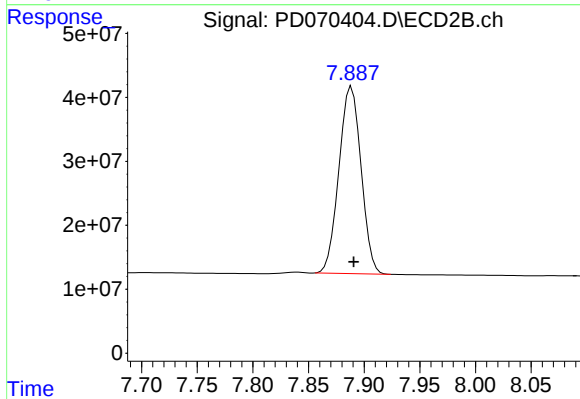
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.733 min  
Response: 0  
Conc: N.D.



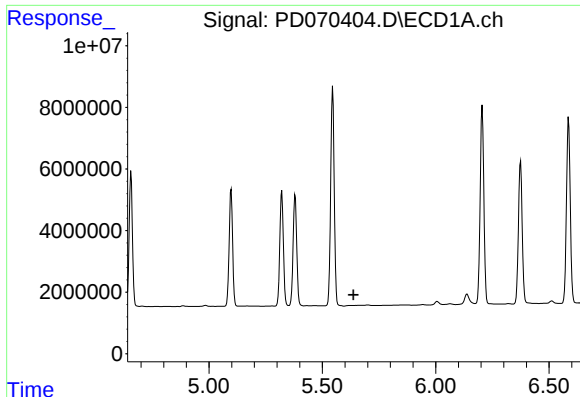
#21 Endrin ketone

R.T.: 7.077 min  
Delta R.T.: 0.000 min  
Response: 77952203  
Conc: 43.71 ng/ml



#21 Endrin ketone

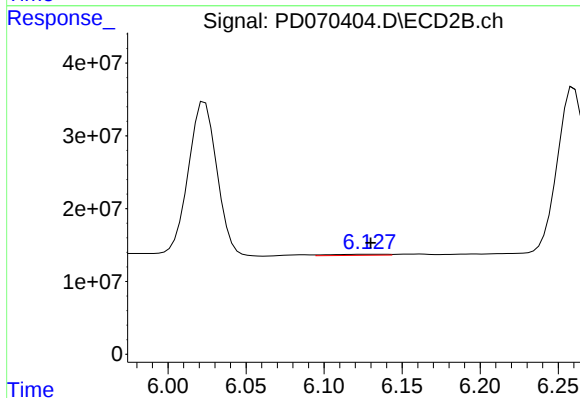
R.T.: 7.889 min  
Delta R.T.: -0.002 min  
Response: 405374490  
Conc: 39.79 ng/ml



#22 Toxaphene-1

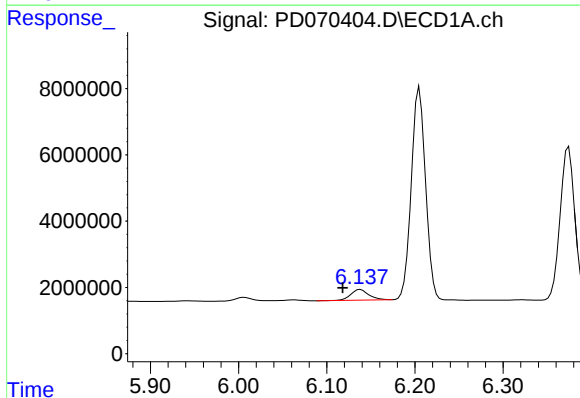
R.T.: 0.000 min  
Exp R.T.: 5.637 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



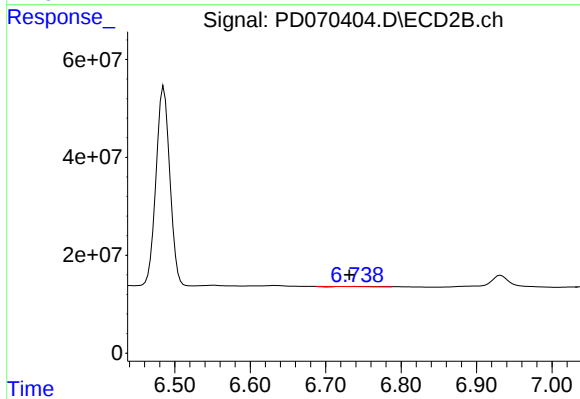
#22 Toxaphene-1

R.T.: 6.129 min  
Delta R.T.: 0.000 min  
Response: 3536703  
Conc: 111.14 ng/ml



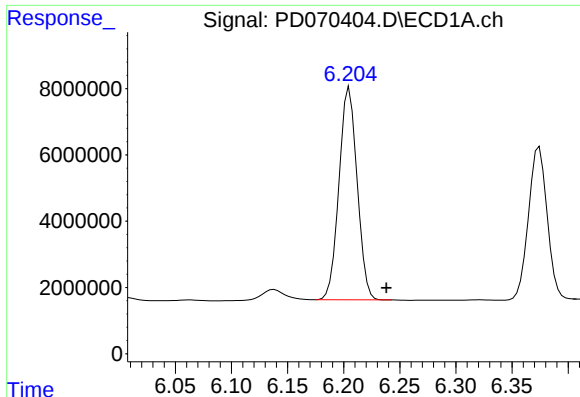
#23 Toxaphene-2

R.T.: 6.138 min  
Delta R.T.: 0.020 min  
Response: 4571953  
Conc: 421.81 ng/ml



#23 Toxaphene-2

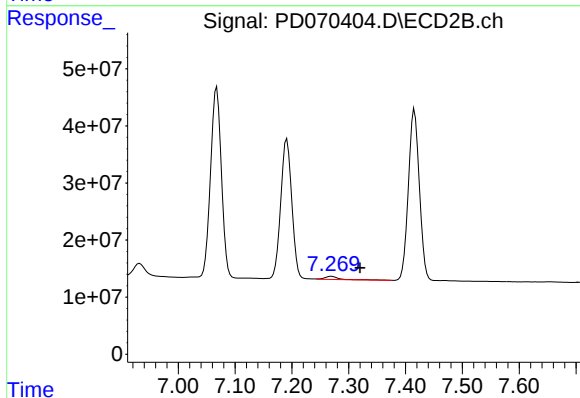
R.T.: 6.740 min  
Delta R.T.: 0.009 min  
Response: 348418  
Conc: 2.84 ng/ml



#24 Toxaphene-3

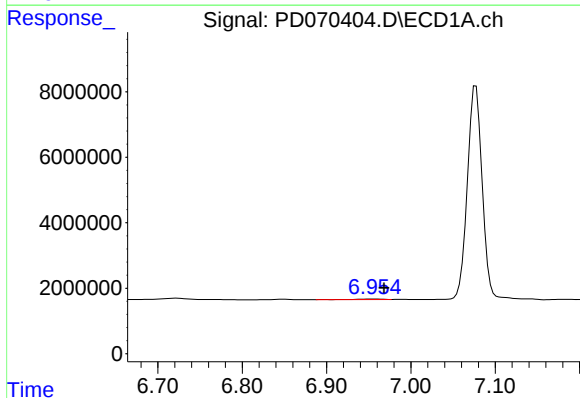
R.T.: 6.205 min  
Delta R.T.: -0.033 min  
Response: 72096312  
Conc: 2610.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



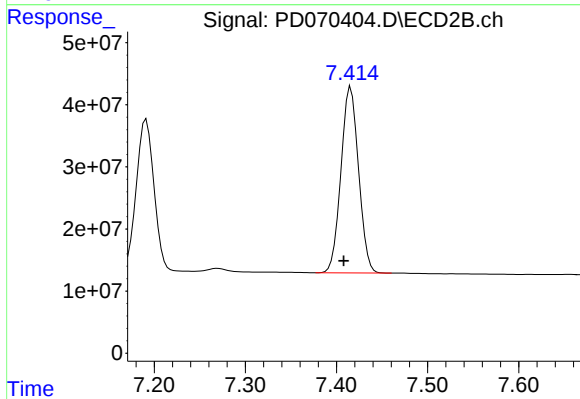
#24 Toxaphene-3

R.T.: 7.270 min  
Delta R.T.: -0.050 min  
Response: 9108387  
Conc: 33.66 ng/ml



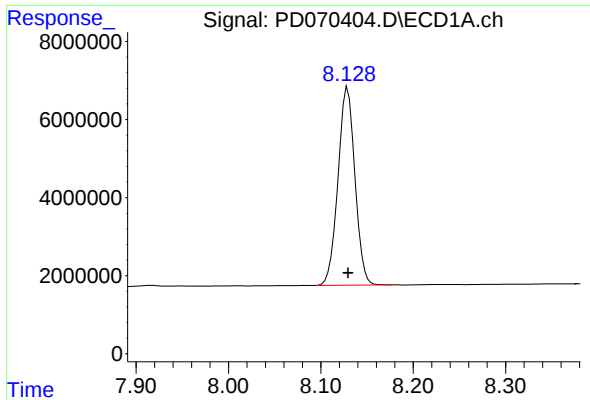
#25 Toxaphene-4

R.T.: 6.955 min  
Delta R.T.: -0.013 min  
Response: 249971  
Conc: 7.69 ng/ml



#25 Toxaphene-4

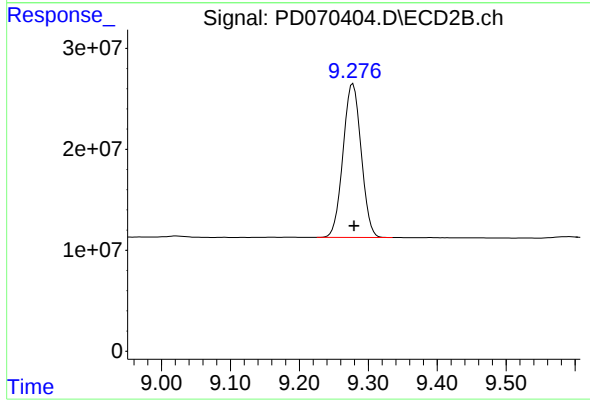
R.T.: 7.416 min  
Delta R.T.: 0.008 min  
Response: 401904746  
Conc: 2507.07 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.129 min  
Delta R.T.: 0.000 min  
Response: 64669271  
Conc: 40.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.278 min  
Delta R.T.: -0.001 min  
Response: 278605878  
Conc: 38.60 ng/ml