

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042921\  
 Data File : PD062542.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2021 14:52  
 Operator : AR\AJ  
 Sample : M2121-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:56:12 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 30 02:49:51 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

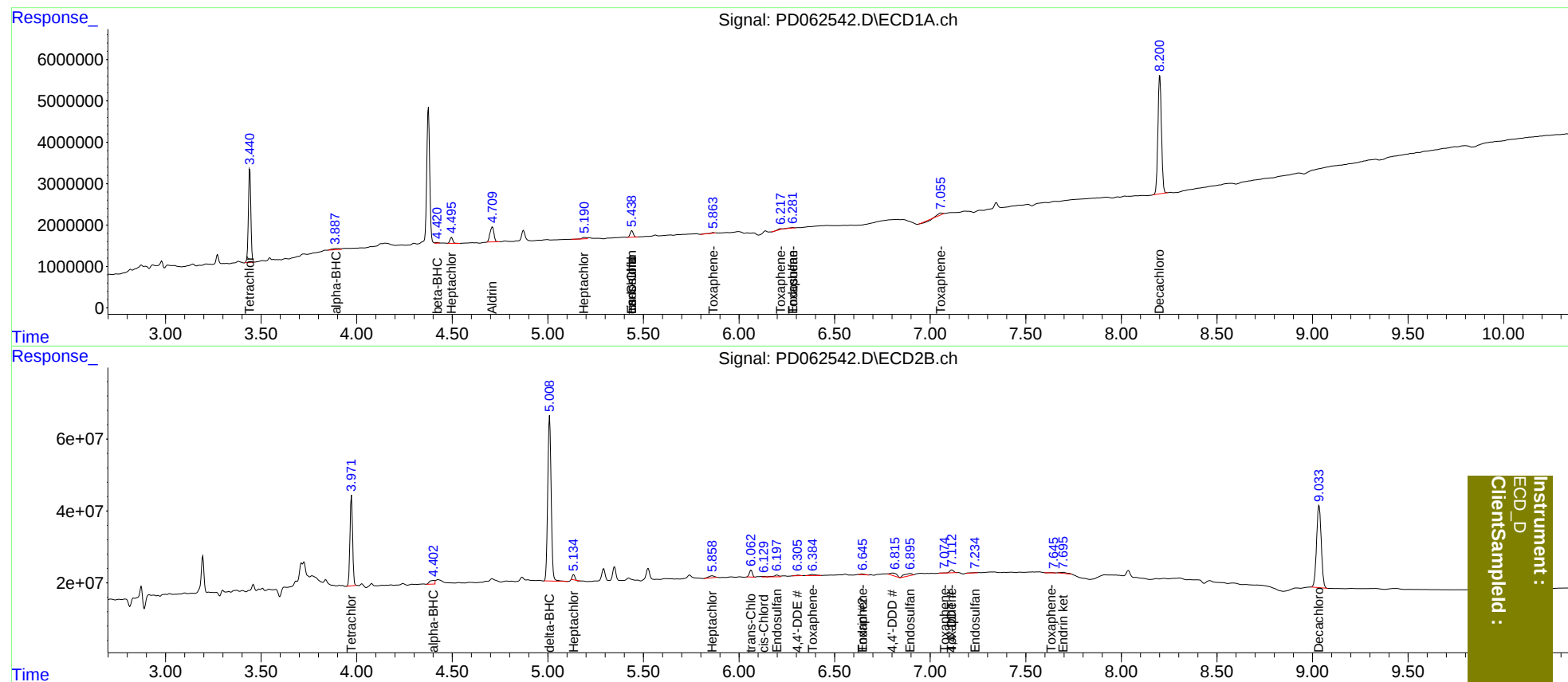
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.441  | 3.973  | 20379026 | 242.2E6  | 21.286 | 19.941   |
| 27)                         | SA Decachlor... | 8.201  | 9.034  | 36982018 | 389.0E6  | 34.454 | 35.634   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.893  | 4.403f | 855675   | 18577371 | 0.611  | 0.982 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.649  | 0        | 107524   | N.D.   | <MDL     |
| 4)                          | MA Heptachlor   | 4.496f | 5.135  | 1495036  | 13266185 | 1.164  | 0.762 #  |
| 5)                          | MB Aldrin       | 4.710  | 0.000  | 5200924  | 0        | 3.993  | N.D. #   |
| 6)                          | B beta-BHC      | 4.421  | 4.810  | 212948   | 476035   | 0.343  | <MDL #   |
| 7)                          | B delta-BHC     | 0.000  | 5.009  | 0        | 570.9E6  | N.D.   | 30.771   |
| 8)                          | B Heptachlo...  | 5.191f | 5.860  | 518232   | 12311550 | 0.423  | 0.768 #  |
| 9)                          | A Endosulfan I  | 5.439f | 6.199  | 1816935  | 9280946  | 1.625  | 0.633 #  |
| 10)                         | B trans-Chl...  | 5.439f | 6.063  | 1816935  | 21111469 | 1.449  | 1.289    |
| 11)                         | B cis-Chlor...  | 5.439  | 6.131  | 1816935  | 2024831  | 1.480  | 0.130 #  |
| 12)                         | B 4,4'-DDE      | 5.563f | 6.307  | 96496    | 2436604  | <MDL   | 0.155 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.456  | 0        | 257539   | N.D.   | <MDL     |
| 14)                         | MA Endrin       | 0.000  | 6.645  | 0        | 3146605  | N.D.   | 0.252    |
| 15)                         | B Endosulfa...  | 6.282  | 6.897  | 227412   | 18835259 | 0.219  | 1.505 #  |
| 16)                         | A 4,4'-DDD      | 6.139  | 6.804  | -15599   | 18569632 | N.D.   | 1.494    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.113  | 0        | 10698445 | N.D.   | 0.901    |
| 19)                         | B Endosulfa...  | 0.000  | 7.236  | 0        | 1623159  | N.D.   | 0.127    |
| 21)                         | B Endrin ke...  | 0.000  | 7.697  | 0        | 6779714  | N.D.   | 0.551    |
| 22)                         | Toxaphene-1     | 0.000  | 6.385  | 0        | 6962340  | N.D.   | 104.789  |
| 23)                         | Toxaphene-2     | 5.865  | 6.645  | 237407   | 3146605  | 32.258 | 37.784   |
| 24)                         | Toxaphene-3     | 6.219  | 7.072  | 256222   | 445715   | 31.181 | 4.043 #  |
| 25)                         | Toxaphene-4     | 6.282  | 7.113  | 227412   | 10698445 | 11.808 | 33.602 # |
| 26)                         | Toxaphene-5     | 7.057  | 7.632  | 92423    | 315562   | 4.305  | 2.339 #  |
| -----                       |                 |        |        |          |          |        |          |

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

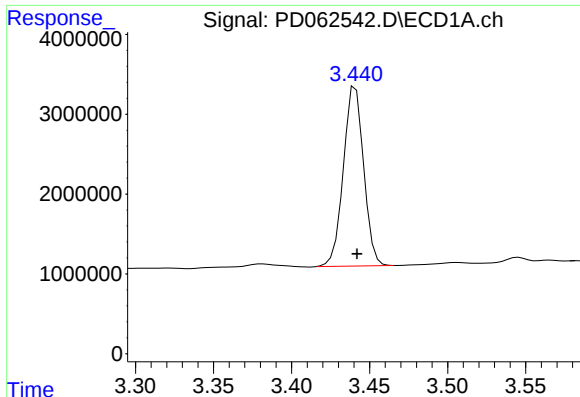
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042921\  
Data File : PD062542.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2021 14:52  
Operator : AR\AJ  
Sample : M2121-05  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:56:12 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 30 02:49:51 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



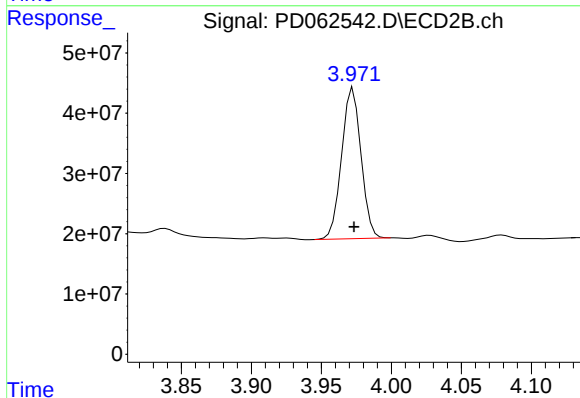
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

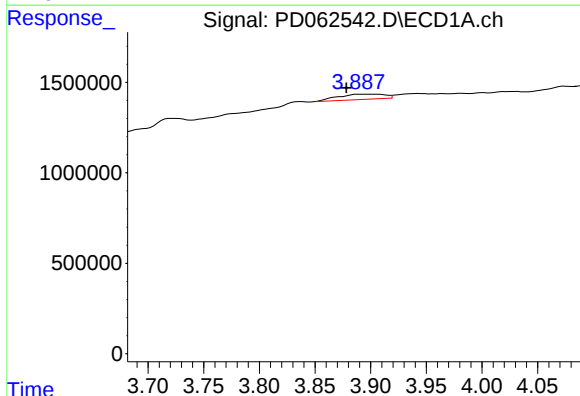
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 20379026  
Conc: 21.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



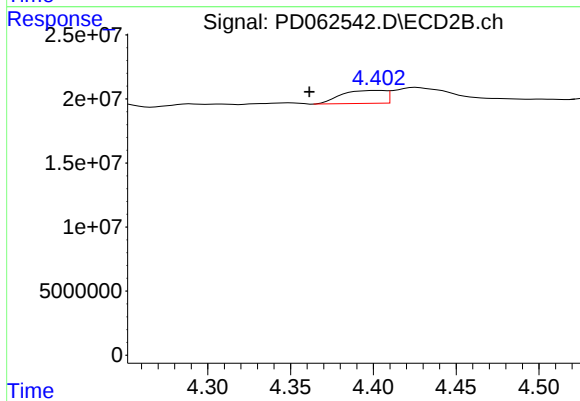
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: 0.000 min  
Response: 242154751  
Conc: 19.94 ng/ml



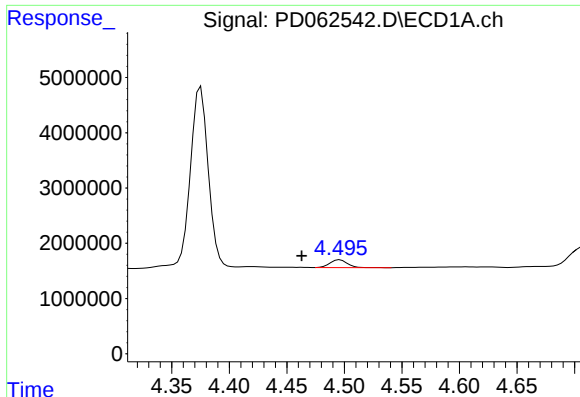
#2 alpha-BHC

R.T.: 3.893 min  
Delta R.T.: 0.015 min  
Response: 855675  
Conc: 0.61 ng/ml



#2 alpha-BHC

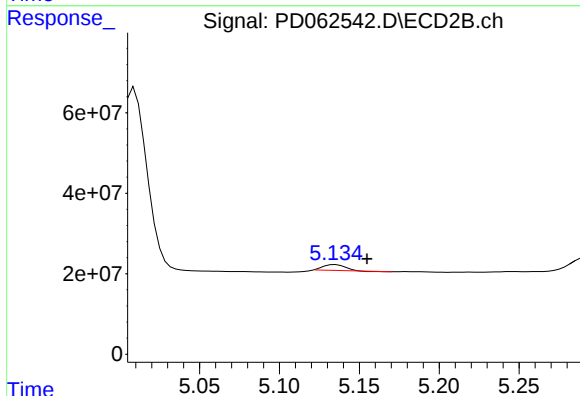
R.T.: 4.403 min  
Delta R.T.: 0.041 min  
Response: 18577371  
Conc: 0.98 ng/ml



#4 Heptachlor

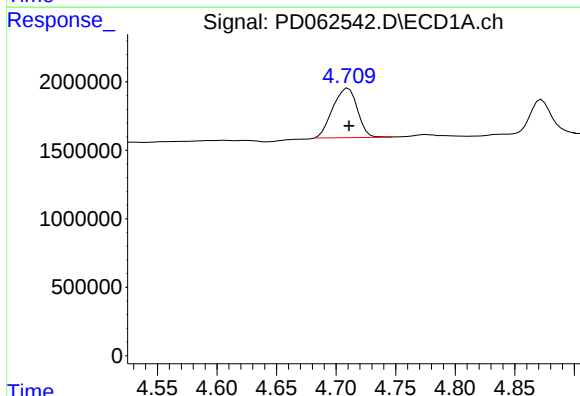
R.T.: 4.496 min  
Delta R.T.: 0.033 min  
Response: 1495036  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



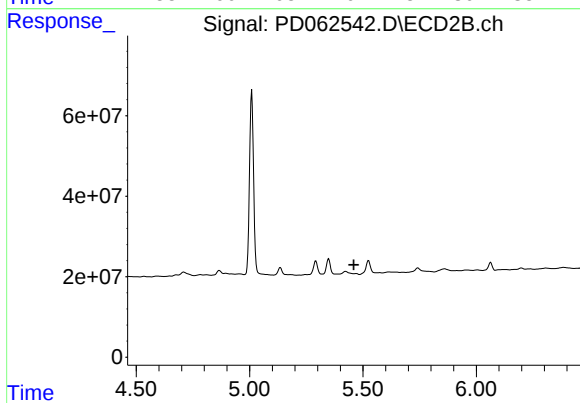
#4 Heptachlor

R.T.: 5.135 min  
Delta R.T.: -0.020 min  
Response: 13266185  
Conc: 0.76 ng/ml



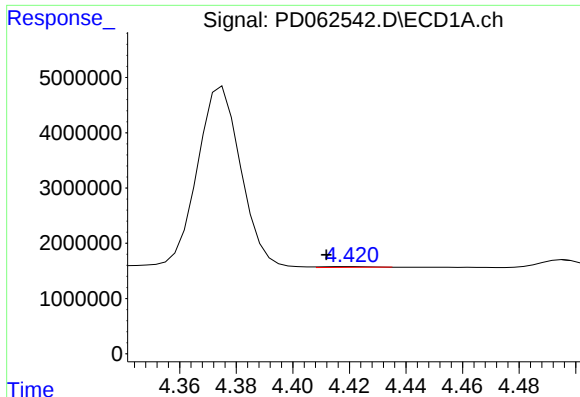
#5 Aldrin

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 5200924  
Conc: 3.99 ng/ml



#5 Aldrin

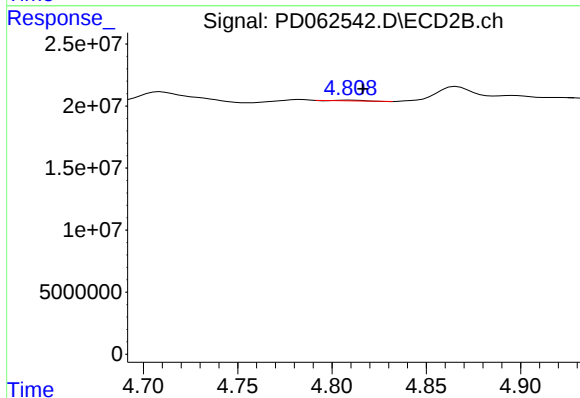
R.T.: 0.000 min  
Exp R.T.: 5.459 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

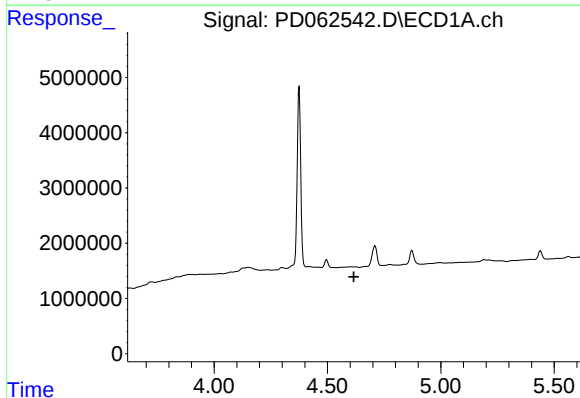
R.T.: 4.421 min  
Delta R.T.: 0.009 min  
Response: 212948  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



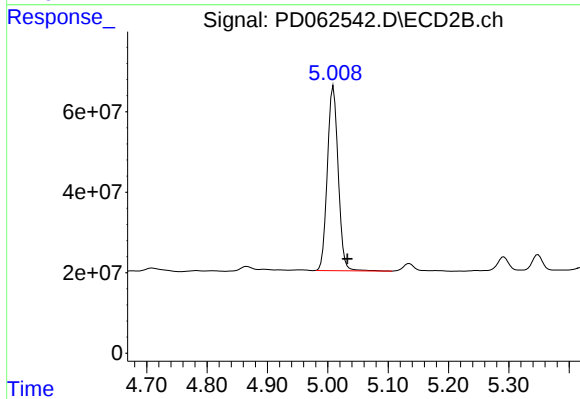
#6 beta-BHC

R.T.: 4.810 min  
Delta R.T.: -0.007 min  
Response: 476035  
Conc: N.D.



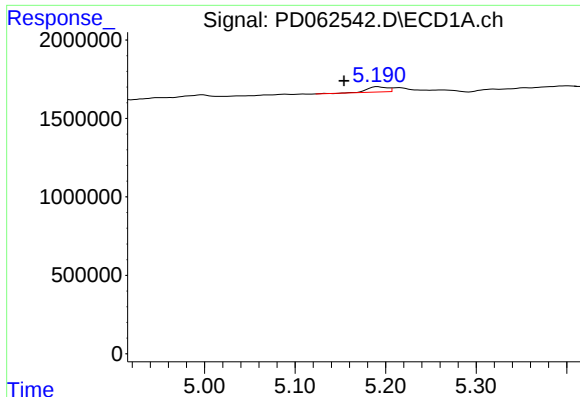
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.616 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

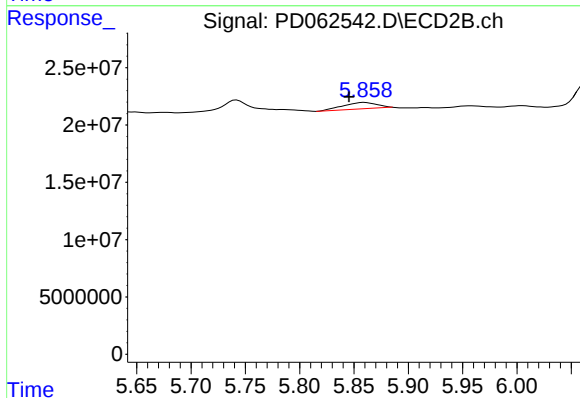
R.T.: 5.009 min  
Delta R.T.: -0.023 min  
Response: 570887494  
Conc: 30.77 ng/ml



#8 Heptachlor epoxide

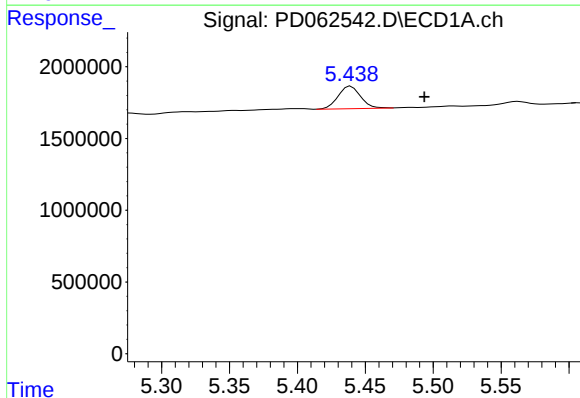
R.T.: 5.191 min  
Delta R.T.: 0.037 min  
Response: 518232  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



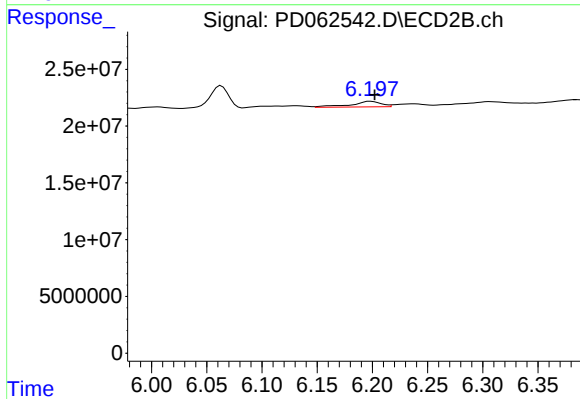
#8 Heptachlor epoxide

R.T.: 5.860 min  
Delta R.T.: 0.015 min  
Response: 12311550  
Conc: 0.77 ng/ml



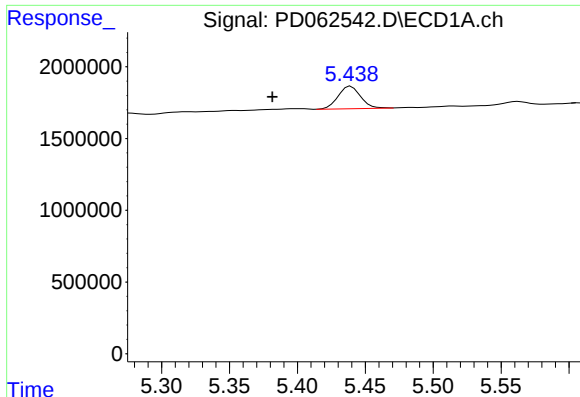
#9 Endosulfan I

R.T.: 5.439 min  
Delta R.T.: -0.054 min  
Response: 1816935  
Conc: 1.62 ng/ml



#9 Endosulfan I

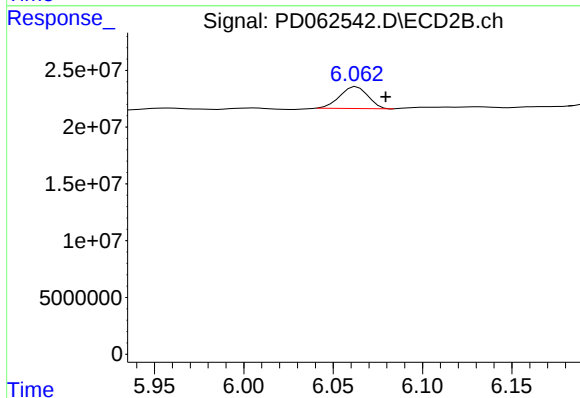
R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 9280946  
Conc: 0.63 ng/ml



#10 trans-Chlordane

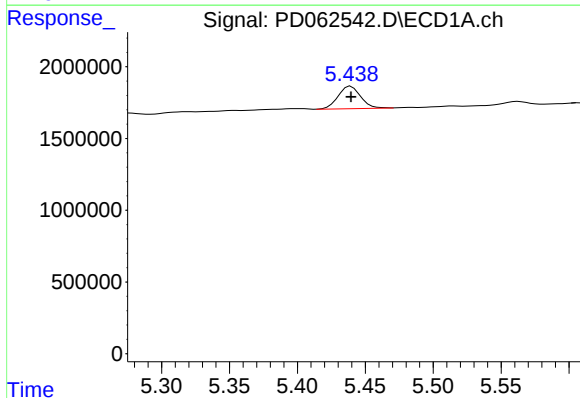
R.T.: 5.439 min  
Delta R.T.: 0.058 min  
Response: 1816935  
Conc: 1.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



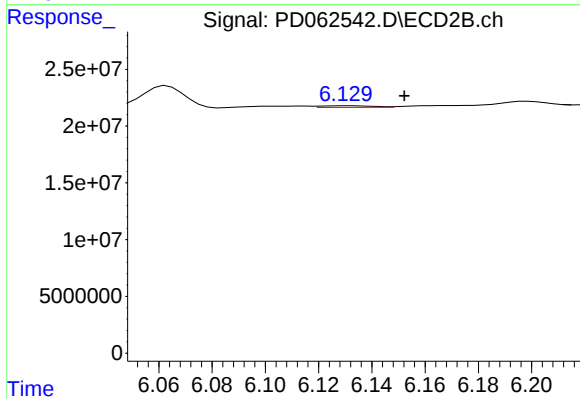
#10 trans-Chlordane

R.T.: 6.063 min  
Delta R.T.: -0.016 min  
Response: 21111469  
Conc: 1.29 ng/ml



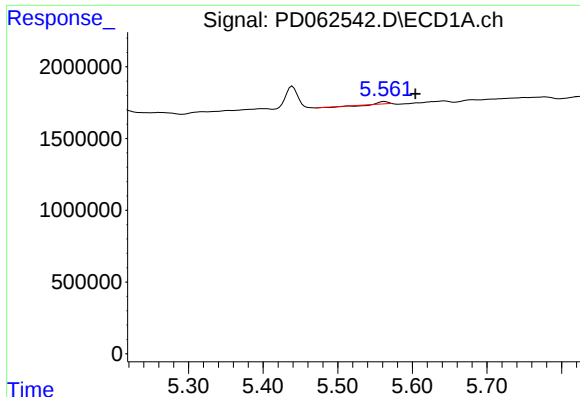
#11 cis-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 1816935  
Conc: 1.48 ng/ml



#11 cis-Chlordane

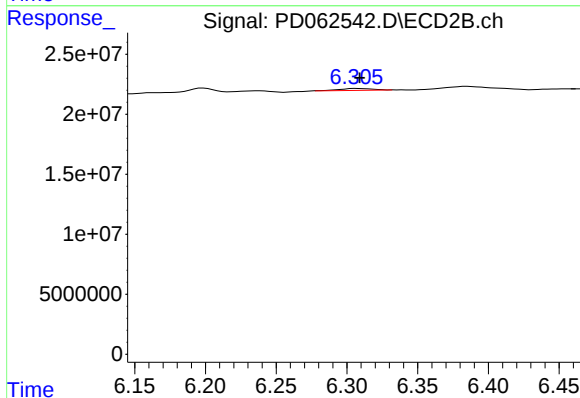
R.T.: 6.131 min  
Delta R.T.: -0.021 min  
Response: 2024831  
Conc: 0.13 ng/ml



#12 4,4'-DDE

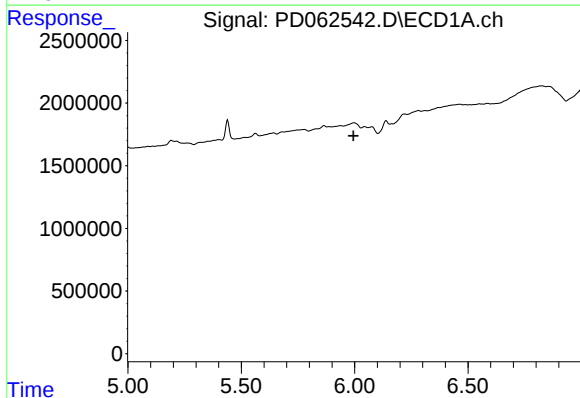
R.T.: 5.563 min  
Delta R.T.: -0.041 min  
Response: 96496  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



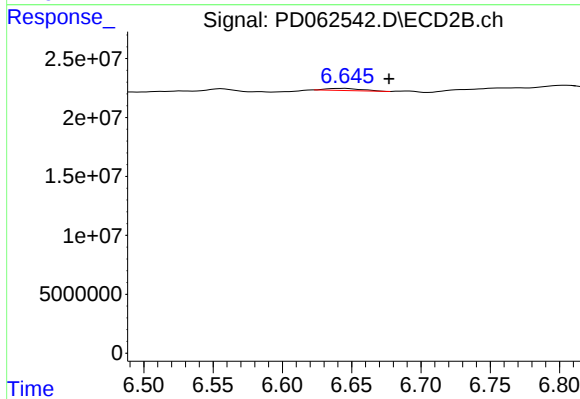
#12 4,4'-DDE

R.T.: 6.307 min  
Delta R.T.: -0.002 min  
Response: 2436604  
Conc: 0.16 ng/ml



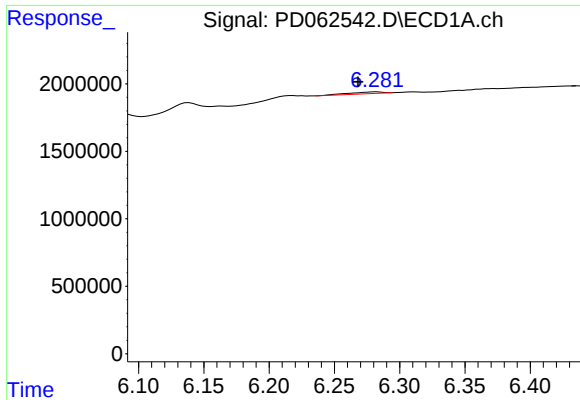
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.995 min  
Response: 0  
Conc: N.D.



#14 Endrin

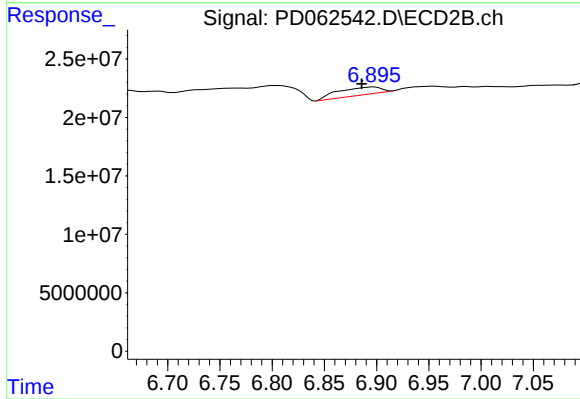
R.T.: 6.645 min  
Delta R.T.: -0.032 min  
Response: 3146605  
Conc: 0.25 ng/ml



#15 Endosulfan II

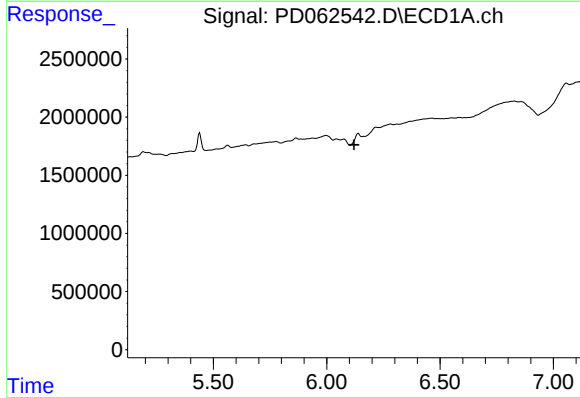
R.T.: 6.282 min  
Delta R.T.: 0.014 min  
Response: 227412  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



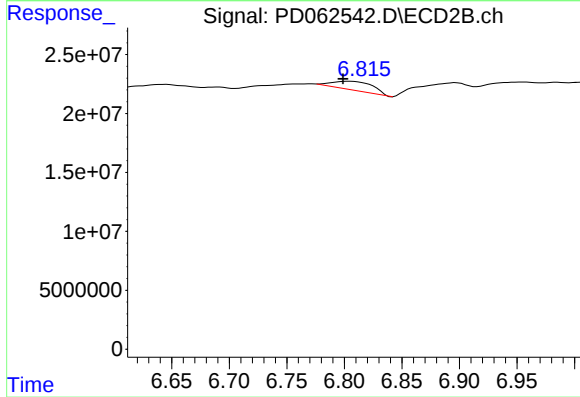
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.011 min  
Response: 18835259  
Conc: 1.51 ng/ml



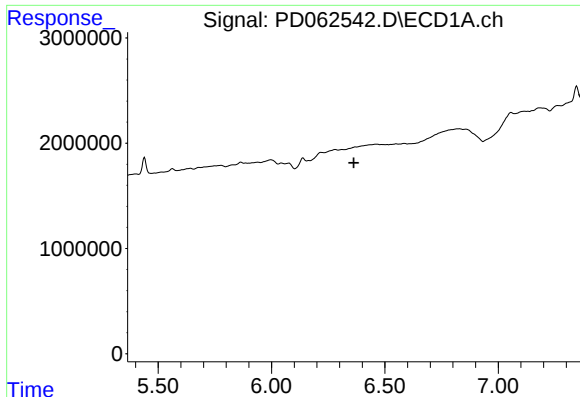
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: 0.018 min  
Response: -15599  
Conc: N.D.



#16 4,4'-DDD

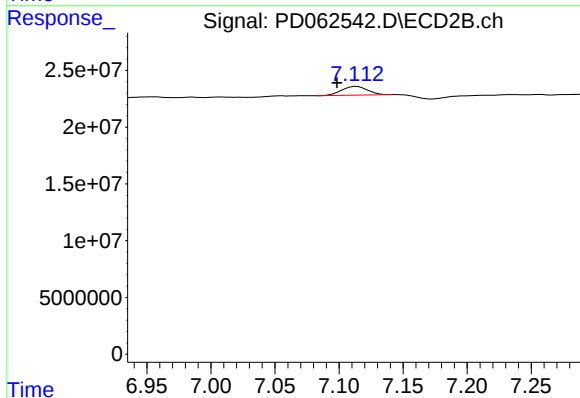
R.T.: 6.804 min  
Delta R.T.: 0.005 min  
Response: 18569632  
Conc: 1.49 ng/ml



#17 4,4'-DDT

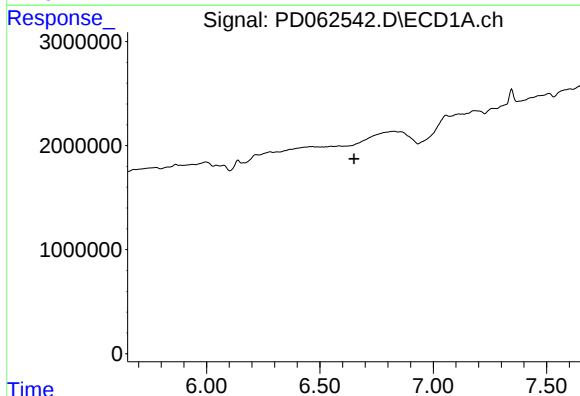
R.T.: 0.000 min  
Exp R.T.: 6.363 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



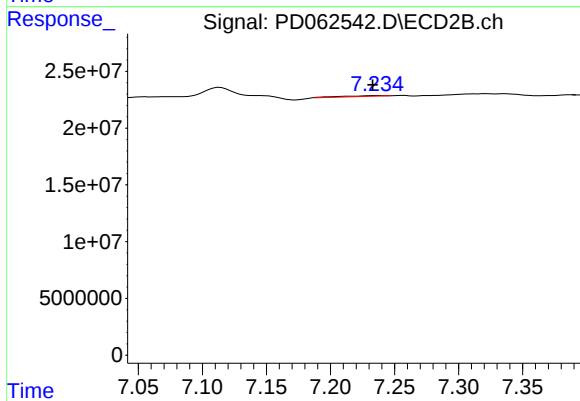
#17 4,4'-DDT

R.T.: 7.113 min  
Delta R.T.: 0.015 min  
Response: 10698445  
Conc: 0.90 ng/ml



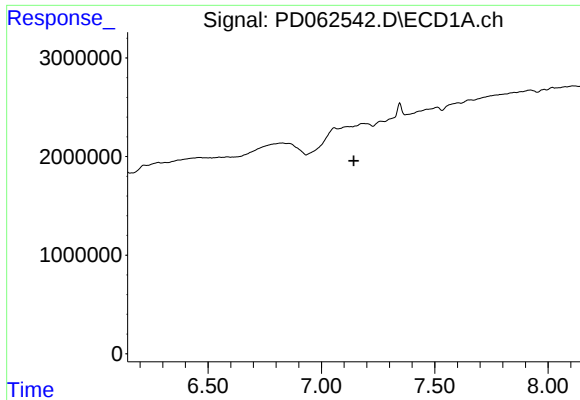
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.651 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

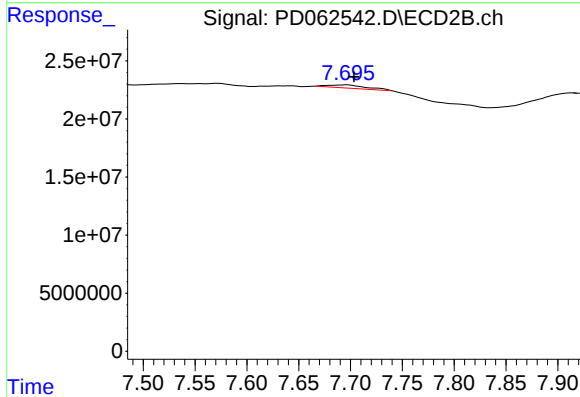
R.T.: 7.236 min  
Delta R.T.: 0.003 min  
Response: 1623159  
Conc: 0.13 ng/ml



#21 Endrin ketone

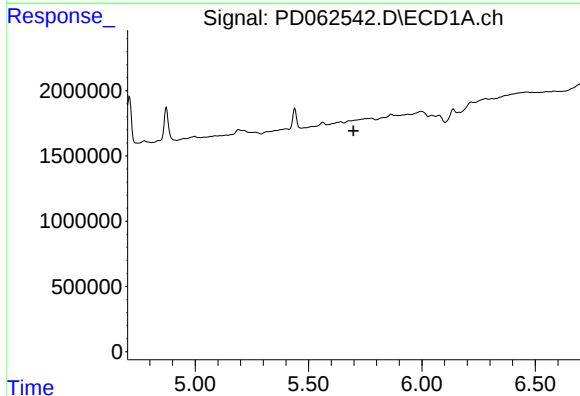
R.T.: 0.000 min  
Exp R.T.: 7.143 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



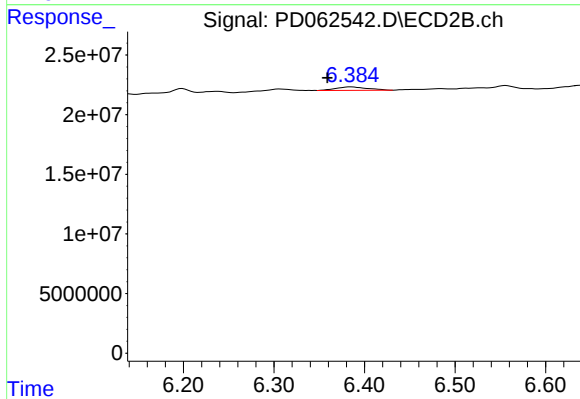
#21 Endrin ketone

R.T.: 7.697 min  
Delta R.T.: -0.007 min  
Response: 6779714  
Conc: 0.55 ng/ml



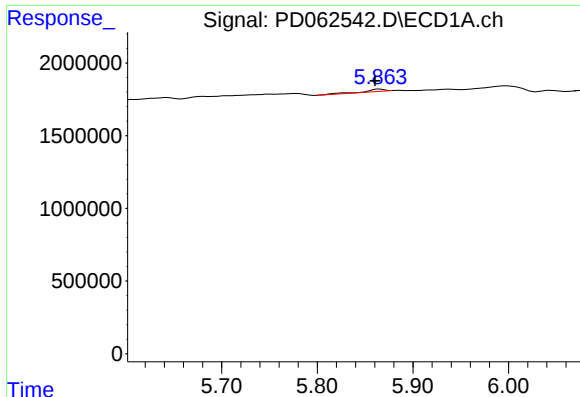
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T.: 5.698 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

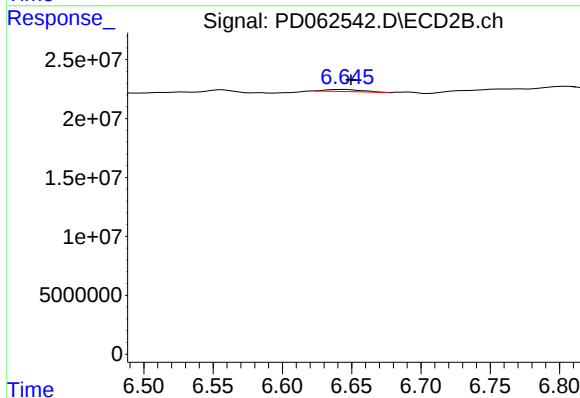
R.T.: 6.385 min  
Delta R.T.: 0.026 min  
Response: 6962340  
Conc: 104.79 ng/ml



#23 Toxaphene-2

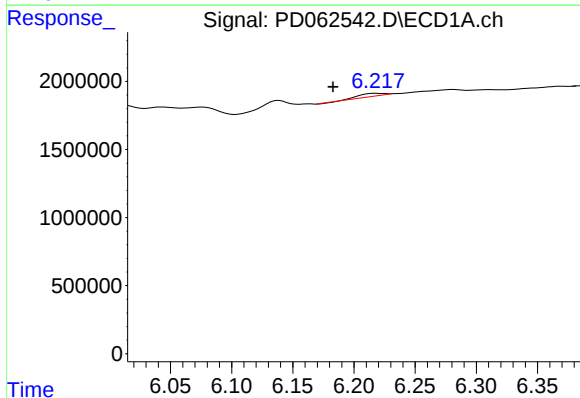
R.T.: 5.865 min  
Delta R.T.: 0.004 min  
Response: 237407  
Conc: 32.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



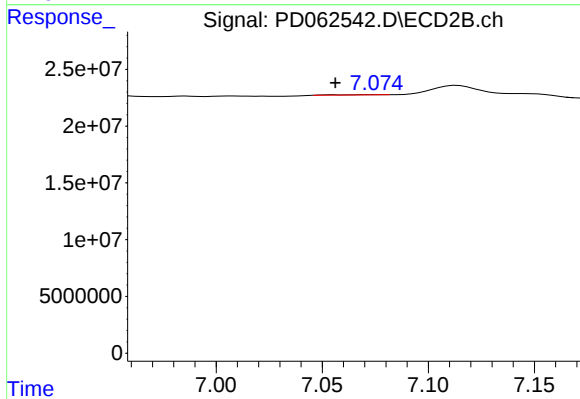
#23 Toxaphene-2

R.T.: 6.645 min  
Delta R.T.: -0.005 min  
Response: 3146605  
Conc: 37.78 ng/ml



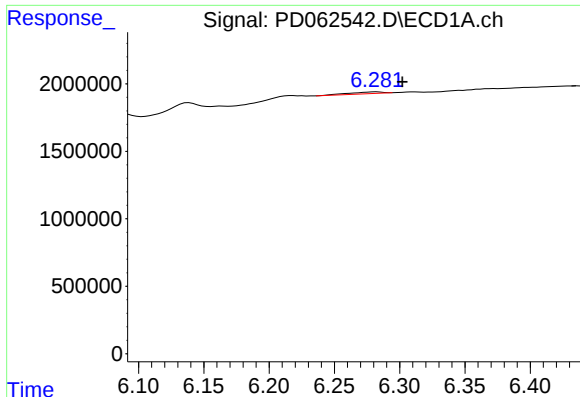
#24 Toxaphene-3

R.T.: 6.219 min  
Delta R.T.: 0.036 min  
Response: 256222  
Conc: 31.18 ng/ml



#24 Toxaphene-3

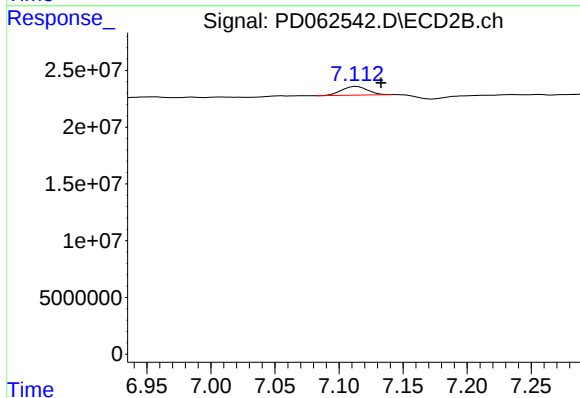
R.T.: 7.072 min  
Delta R.T.: 0.016 min  
Response: 445715  
Conc: 4.04 ng/ml



#25 Toxaphene-4

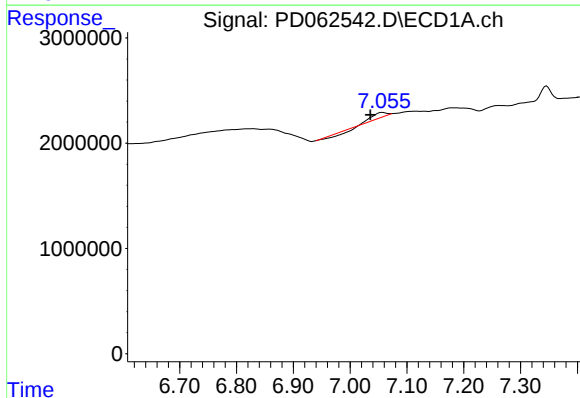
R.T.: 6.282 min  
Delta R.T.: -0.020 min  
Response: 227412  
Conc: 11.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



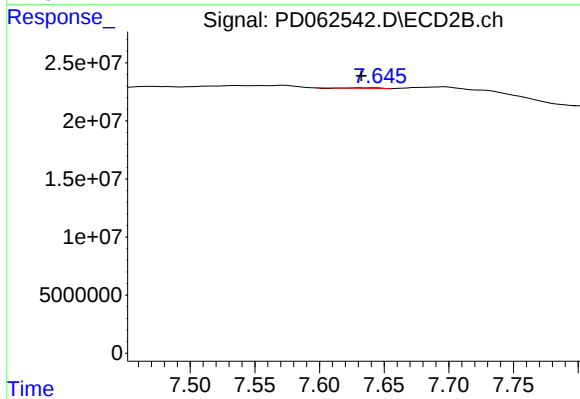
#25 Toxaphene-4

R.T.: 7.113 min  
Delta R.T.: -0.020 min  
Response: 10698445  
Conc: 33.60 ng/ml



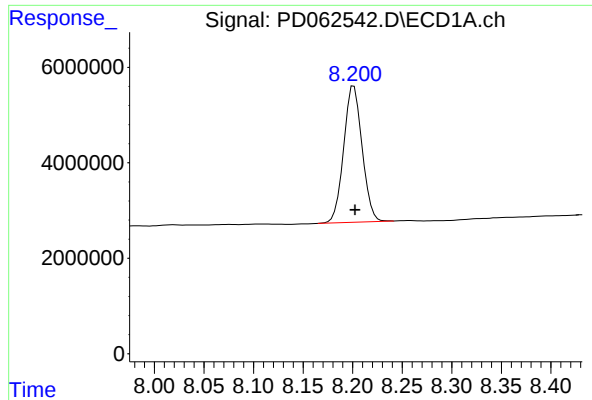
#26 Toxaphene-5

R.T.: 7.057 min  
Delta R.T.: 0.022 min  
Response: 92423  
Conc: 4.31 ng/ml



#26 Toxaphene-5

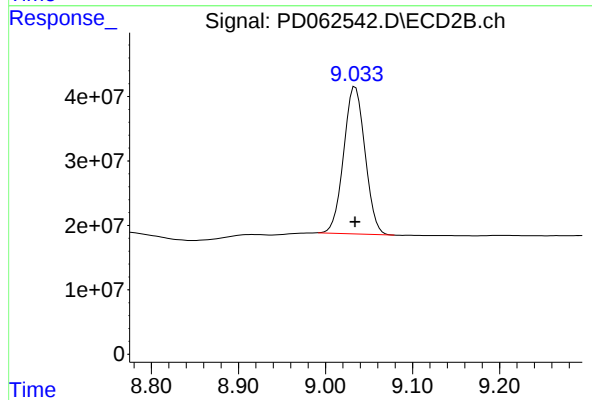
R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 315562  
Conc: 2.34 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 36982018  
Conc: 34.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: 0.000 min  
Response: 388954290  
Conc: 35.63 ng/ml