

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082925\  
 Data File : PD090094.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2025 16:09  
 Operator : AR\AJ  
 Sample : PB169465BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 23:21:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|---------|
| -----                       |                 |       |       |          |         |        |         |
| System Monitoring Compounds |                 |       |       |          |         |        |         |
| 1)                          | SA Tetrachlo... | 3.549 | 2.879 | 45469660 | 353.3E6 | 15.493 | 16.022  |
| 2)                          | SA Decachlor... | 9.070 | 8.066 | 73365279 | 390.3E6 | 16.999 | 15.076  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 0.000 | 3.383 | 0        | 2835582 | N.D.   | 0.084 # |
| 3)                          | MA gamma-BHC... | 4.335 | 3.723 | 437031   | 973319  | 0.076  | 0.031 # |
| 4)                          | MA Heptachlor   | 0.000 | 4.076 | 0        | 632831  | N.D.   | 0.020 # |
| 5)                          | MB Aldrin       | 0.000 | 4.368 | 0        | 368381  | N.D.   | 0.012 # |
| 6)                          | B beta-BHC      | 0.000 | 4.022 | 0        | 1662105 | N.D.   | 0.125 # |
| 7)                          | B delta-BHC     | 4.776 | 4.257 | 1453841  | 2899513 | 0.281  | 0.092 # |
| 8)                          | B Heptachlo...  | 5.688 | 4.868 | 746437   | 2347634 | 0.152  | 0.085 # |
| 9)                          | A Endosulfan I  | 6.072 | 5.242 | 268245   | 2143149 | 0.058  | 0.082 # |
| 10)                         | B gamma-Chl...  | 0.000 | 5.115 | 0        | 2901318 | N.D.   | 0.098 # |
| 11)                         | B alpha-Chl...  | 6.022 | 5.184 | 175567   | 2305430 | 0.036  | 0.081 # |
| 12)                         | B 4,4'-DDE      | 0.000 | 5.368 | 0        | 1087638 | N.D.   | 0.038 # |
| 13)                         | MA Dieldrin     | 6.345 | 5.505 | 381217   | 2156413 | 0.078  | 0.074   |
| 14)                         | MA Endrin       | 6.573 | 5.787 | 233063   | 7530539 | 0.056  | 0.283 # |
| 15)                         | B Endosulfa...  | 6.784 | 6.073 | 461821   | 3056089 | 0.109  | 0.121   |
| 16)                         | A 4,4'-DDD      | 0.000 | 5.921 | 0        | 572774  | N.D.   | 0.024 # |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.174 | 0        | 1722943 | N.D.   | 0.069 # |
| 18)                         | B Endrin al...  | 6.913 | 6.251 | 499353   | 1715906 | 0.174  | 0.100 # |
| 19)                         | B Endosulfa...  | 7.148 | 6.476 | 439098   | 2705934 | 0.112  | 0.111   |
| 20)                         | A Methoxychlor  | 0.000 | 6.745 | 0        | 1752239 | N.D.   | 0.136 # |
| 21)                         | B Endrin ke...  | 7.629 | 6.984 | 398485   | 3354915 | 0.096  | 0.126 # |
| 22)                         | Mirex           | 8.114 | 7.174 | 500103   | 420203  | 0.159  | 0.020 # |
| 23)                         | Chlordane-1     | 0.000 | 3.902 | 0        | 277371  | N.D.   | 0.312 # |
| 24)                         | Chlordane-2     | 0.000 | 4.477 | 0        | 325362  | N.D.   | 0.340 # |
| 25)                         | Chlordane-3     | 0.000 | 5.115 | 0        | 2901318 | N.D.   | 1.047 # |
| 26)                         | Chlordane-4     | 6.022 | 5.184 | 175567   | 2305430 | 0.211  | 0.958 # |
| 27)                         | Chlordane-5     | 0.000 | 6.073 | 0        | 3056089 | N.D.   | 2.778 # |
| -----                       |                 |       |       |          |         |        |         |

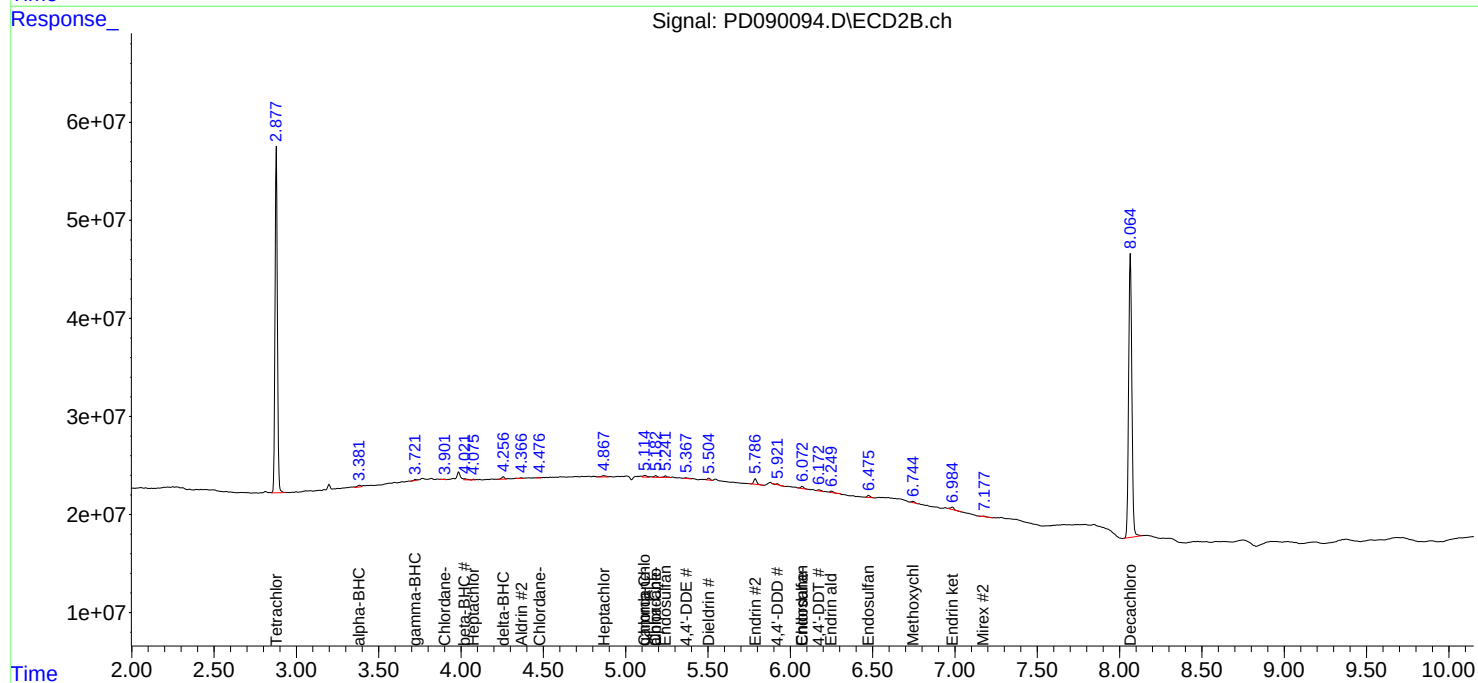
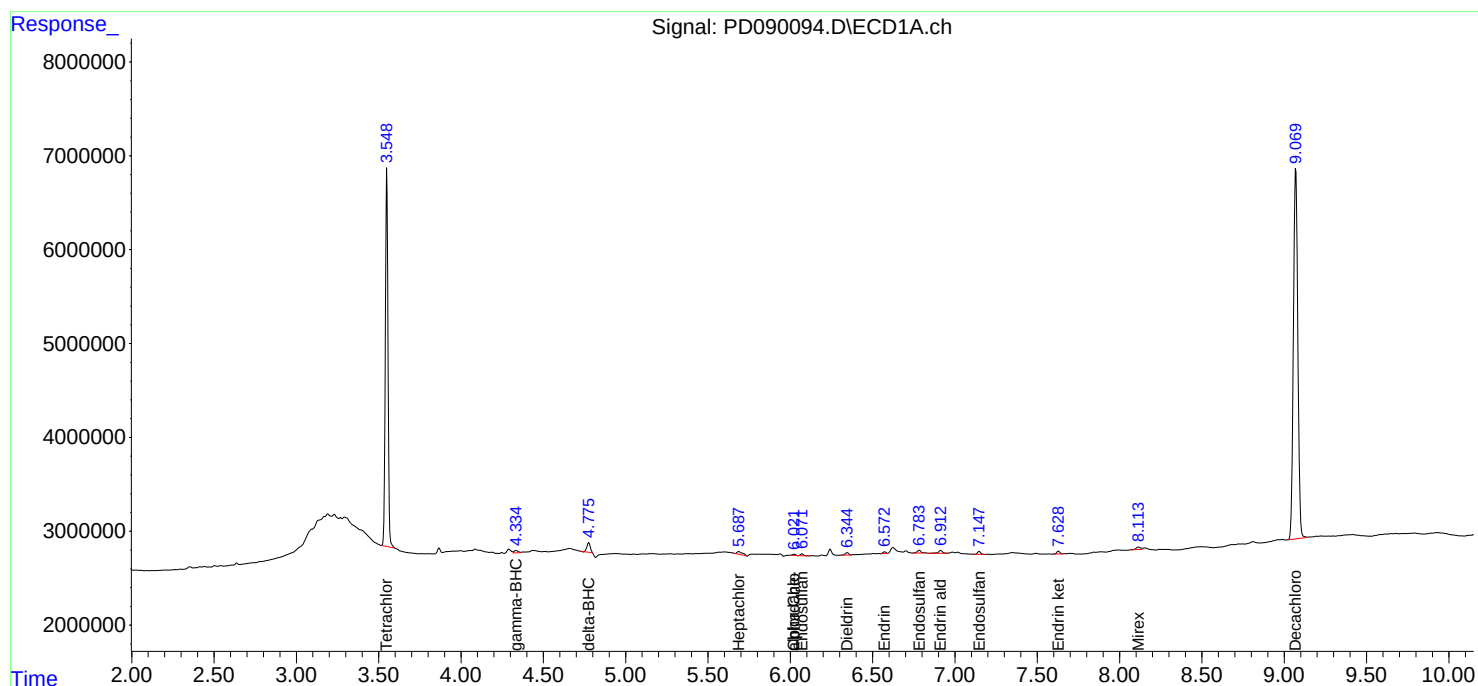
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

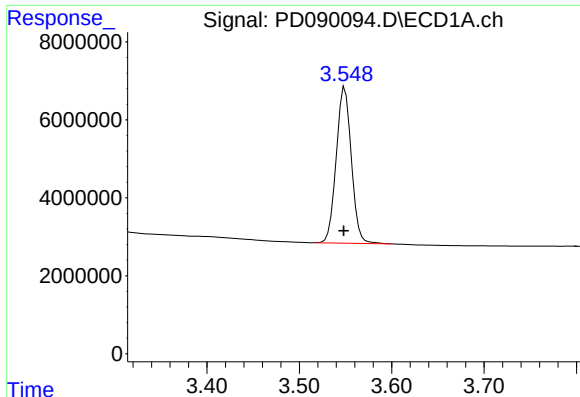
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082925\  
Data File : PD090094.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2025 16:09  
Operator : AR\AJ  
Sample : PB169465BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 23:21:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

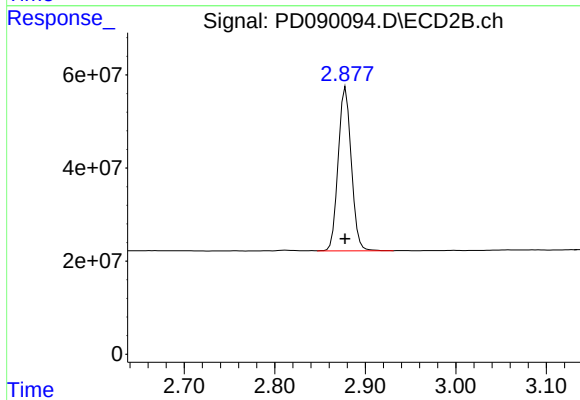




#1 Tetrachloro-m-xylene

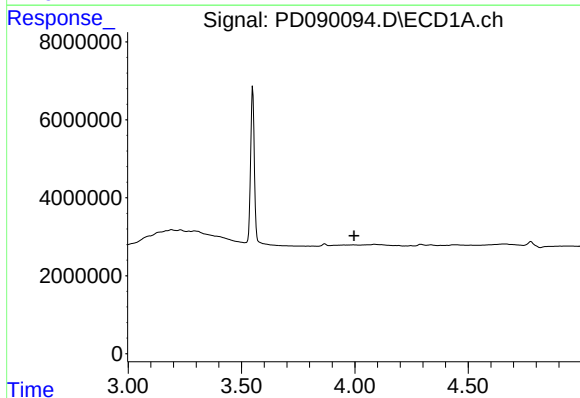
R.T.: 3.549 min  
Delta R.T.: 0.001 min  
Response: 45469660  
Conc: 15.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



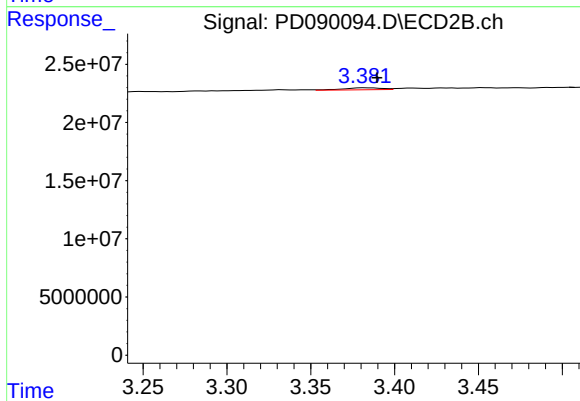
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.000 min  
Response: 353297441  
Conc: 16.02 ng/ml



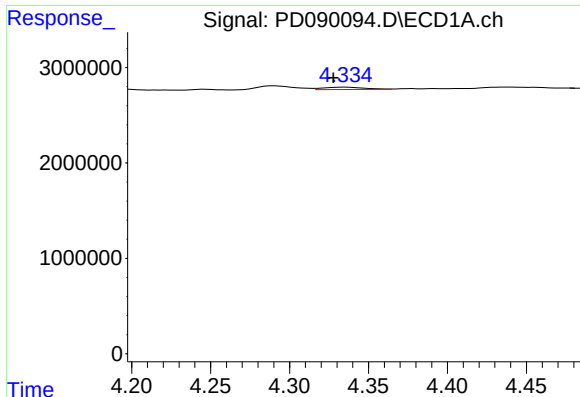
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.997 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

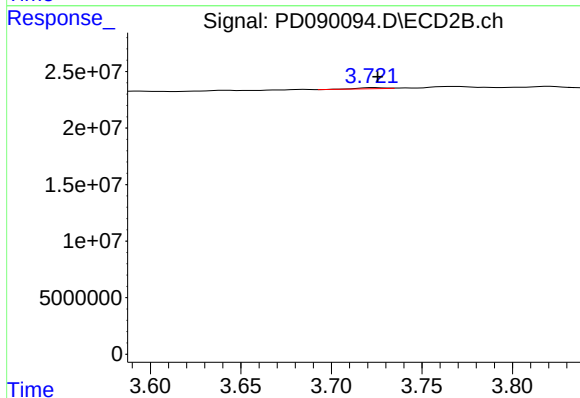
R.T.: 3.383 min  
Delta R.T.: -0.007 min  
Response: 2835582  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

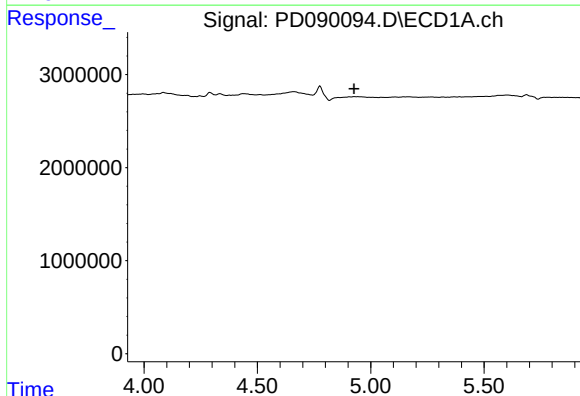
R.T.: 4.335 min  
Delta R.T.: 0.008 min  
Response: 437031  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



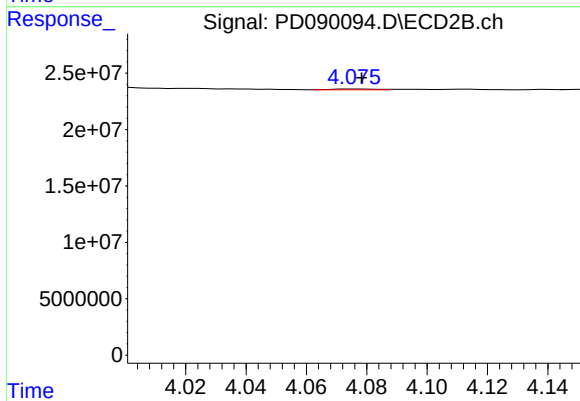
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: -0.002 min  
Response: 973319  
Conc: 0.03 ng/ml



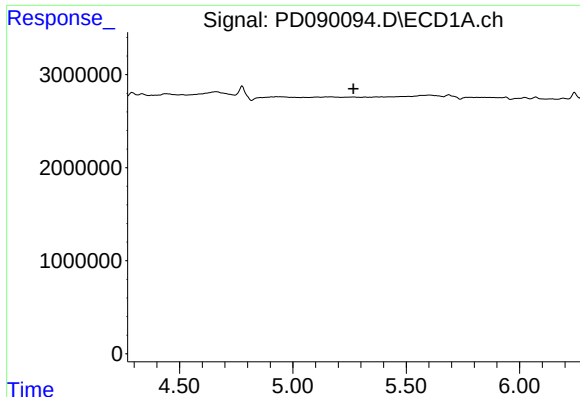
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.926 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

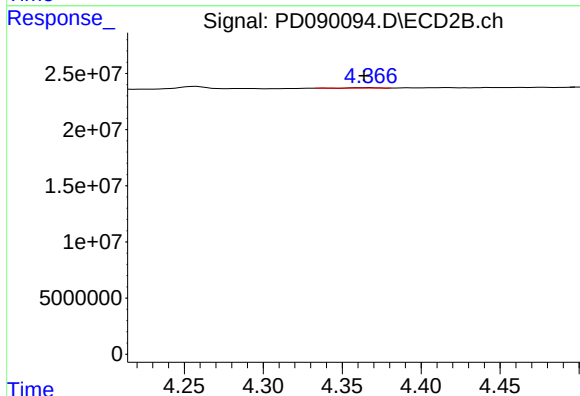
R.T.: 4.076 min  
Delta R.T.: -0.002 min  
Response: 632831  
Conc: 0.02 ng/ml



#5 Aldrin

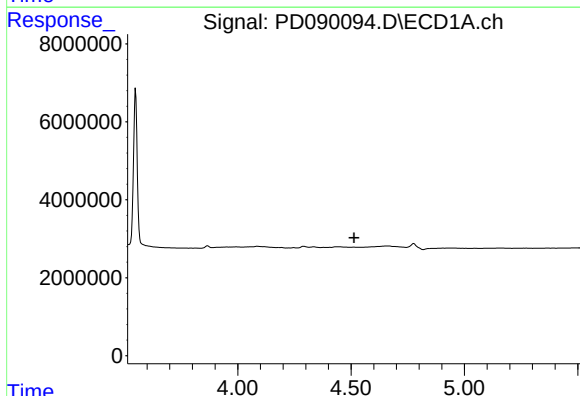
R.T.: 0.000 min  
Exp R.T.: 5.267 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



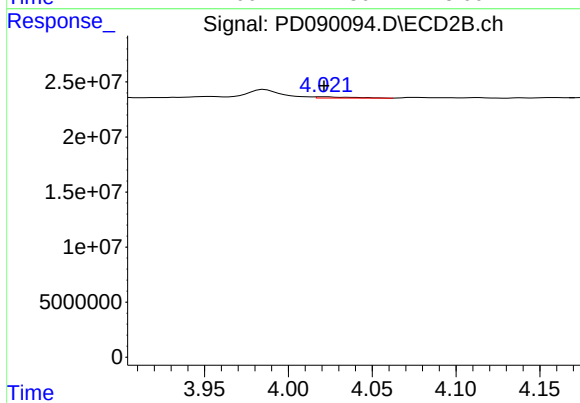
#5 Aldrin

R.T.: 4.368 min  
Delta R.T.: 0.004 min  
Response: 368381  
Conc: 0.01 ng/ml



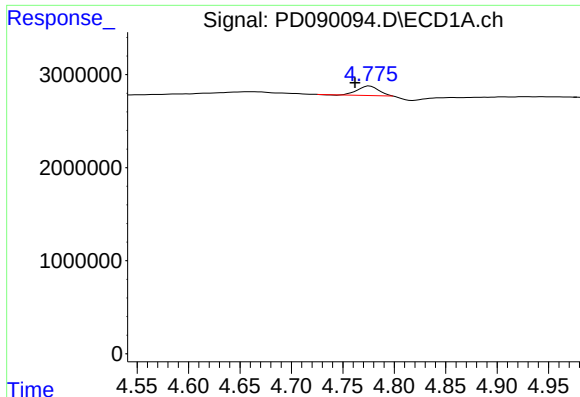
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

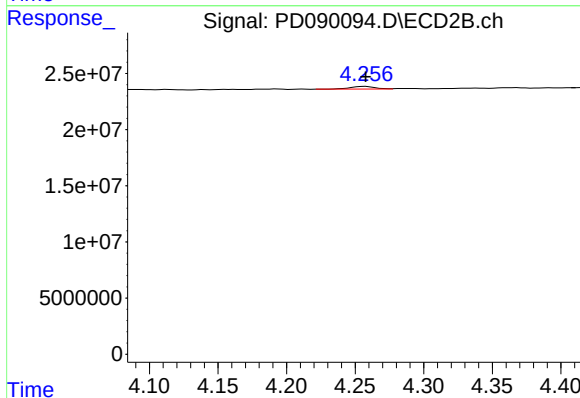
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 1662105  
Conc: 0.12 ng/ml



#7 delta-BHC

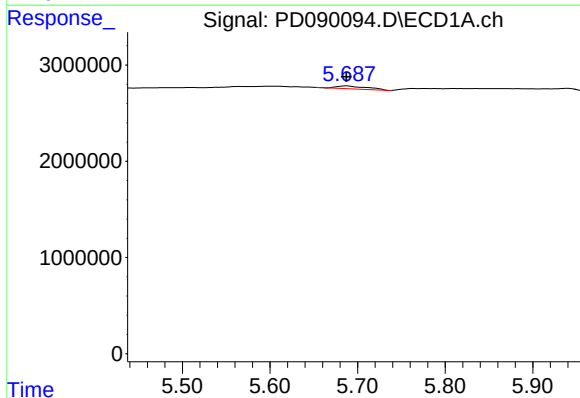
R.T.: 4.776 min  
Delta R.T.: 0.014 min  
Response: 1453841  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



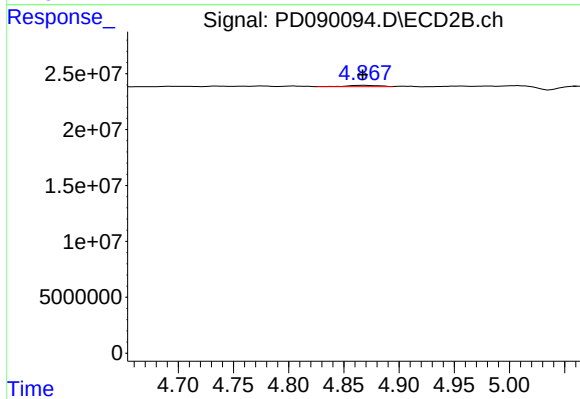
#7 delta-BHC

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 2899513  
Conc: 0.09 ng/ml



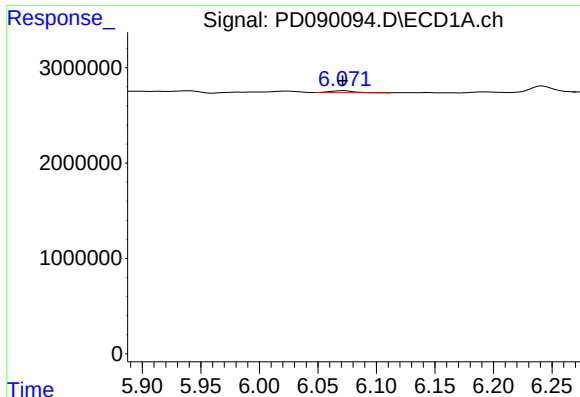
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 746437  
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

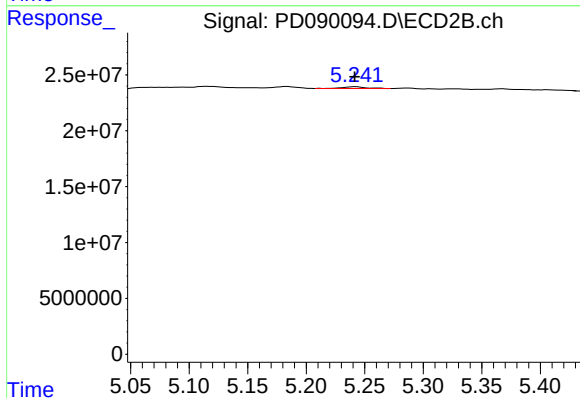
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 2347634  
Conc: 0.08 ng/ml



#9 Endosulfan I

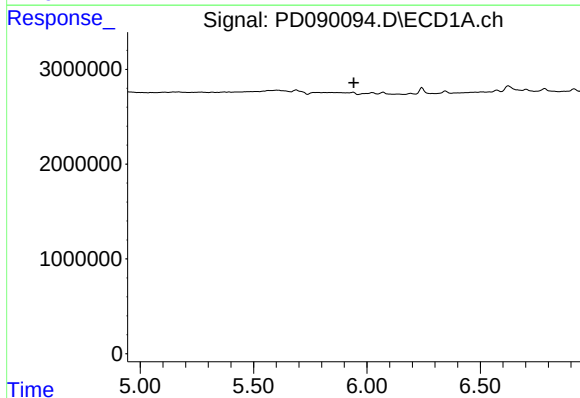
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 268245  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



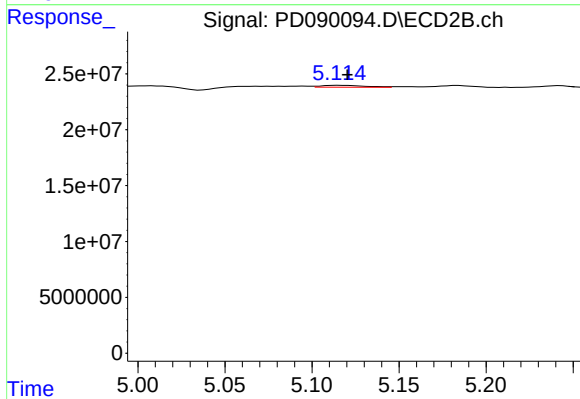
#9 Endosulfan I

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 2143149  
Conc: 0.08 ng/ml



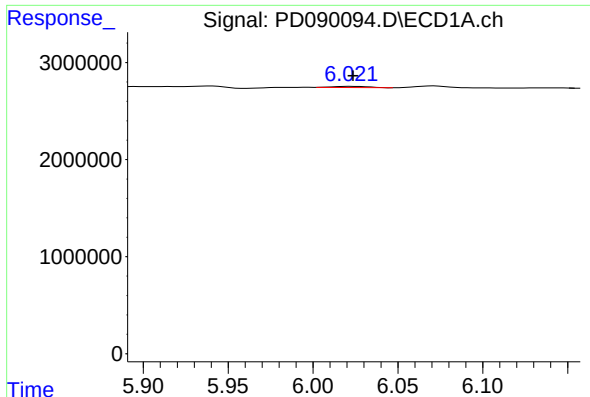
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.943 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

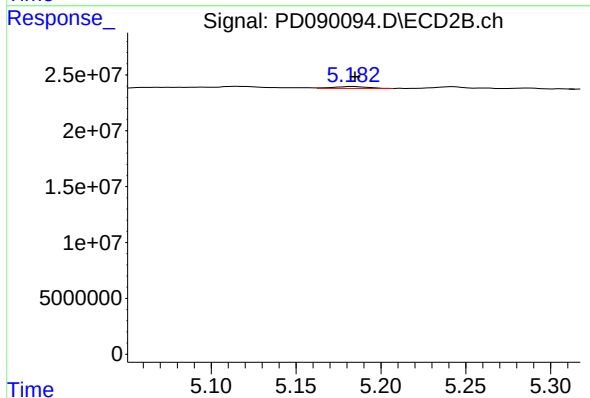
R.T.: 5.115 min  
Delta R.T.: -0.005 min  
Response: 2901318  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

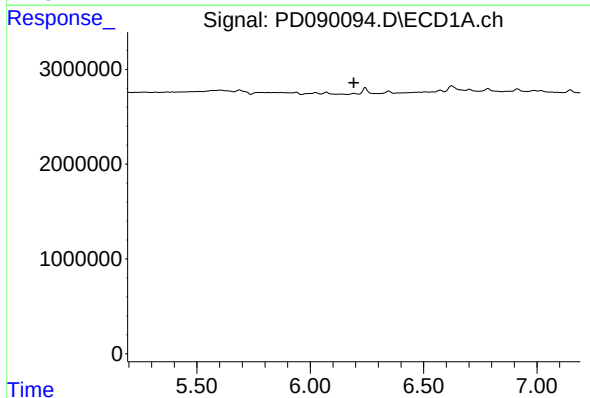
R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 175567  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



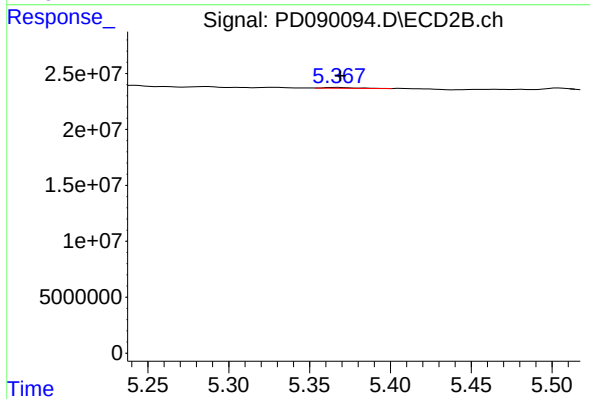
#11 alpha-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.001 min  
Response: 2305430  
Conc: 0.08 ng/ml



#12 4,4'-DDE

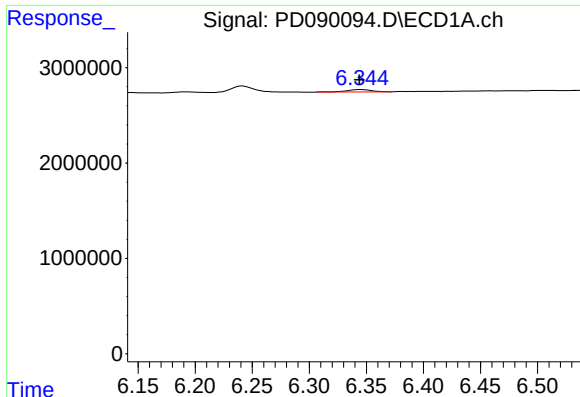
R.T.: 0.000 min  
Exp R.T. : 6.192 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.368 min  
Delta R.T.: -0.001 min  
Response: 1087638  
Conc: 0.04 ng/ml

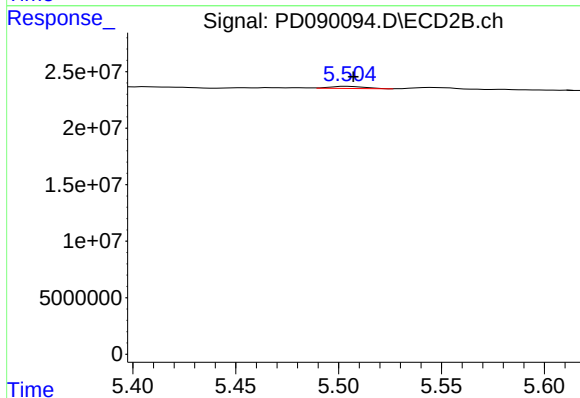




#13 Dieldrin

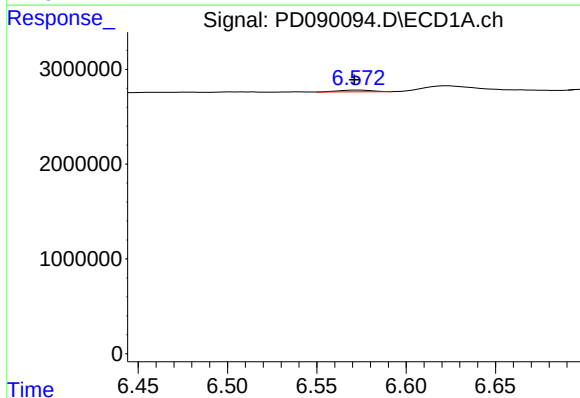
R.T.: 6.345 min  
Delta R.T.: 0.001 min  
Response: 381217  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



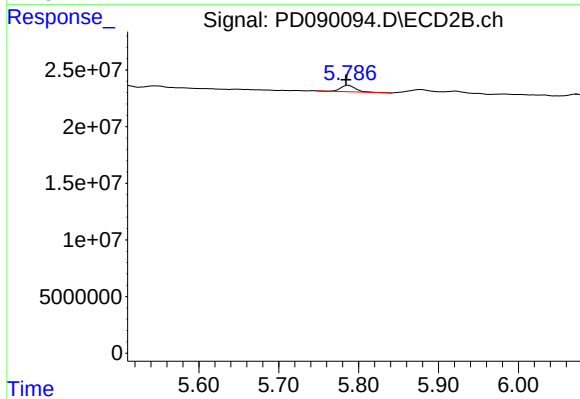
#13 Dieldrin

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 2156413  
Conc: 0.07 ng/ml



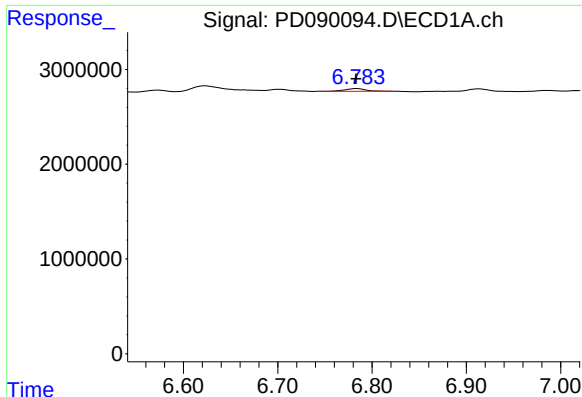
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 233063  
Conc: 0.06 ng/ml



#14 Endrin

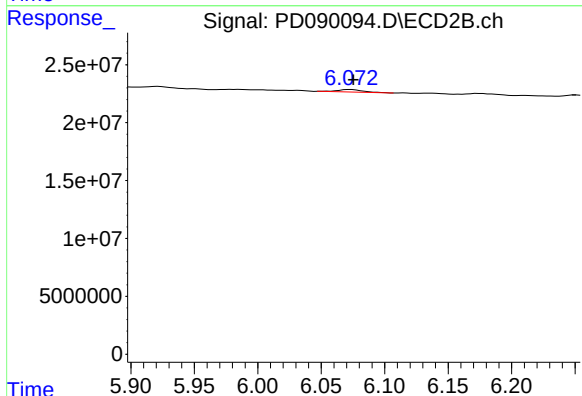
R.T.: 5.787 min  
Delta R.T.: 0.003 min  
Response: 7530539  
Conc: 0.28 ng/ml



#15 Endosulfan II

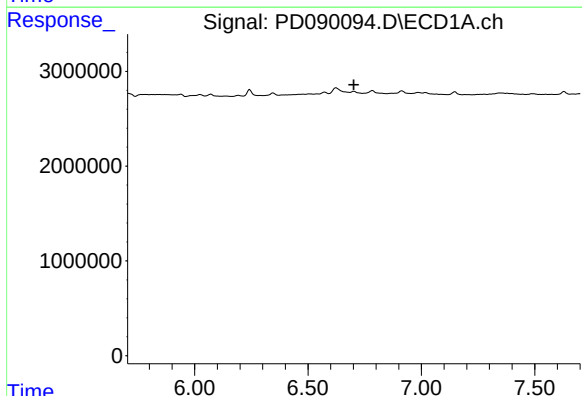
R.T.: 6.784 min  
Delta R.T.: 0.001 min  
Response: 461821  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



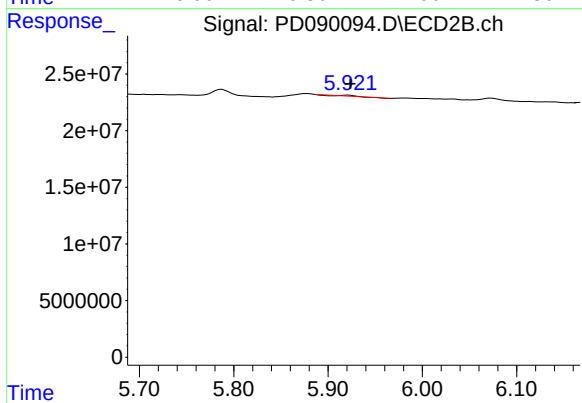
#15 Endosulfan II

R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 3056089  
Conc: 0.12 ng/ml



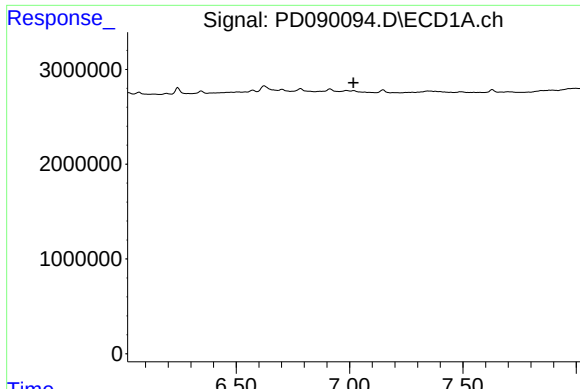
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.702 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

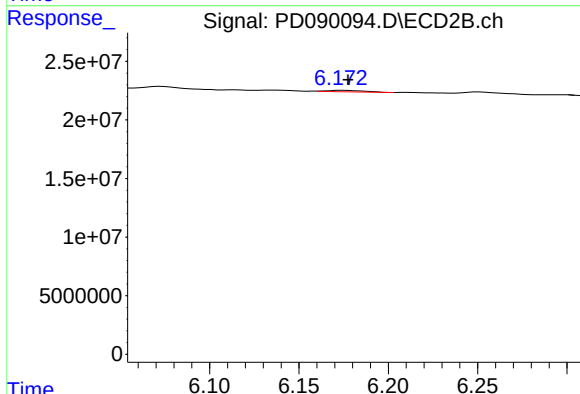
R.T.: 5.921 min  
Delta R.T.: -0.003 min  
Response: 572774  
Conc: 0.02 ng/ml



#17 4,4'-DDT

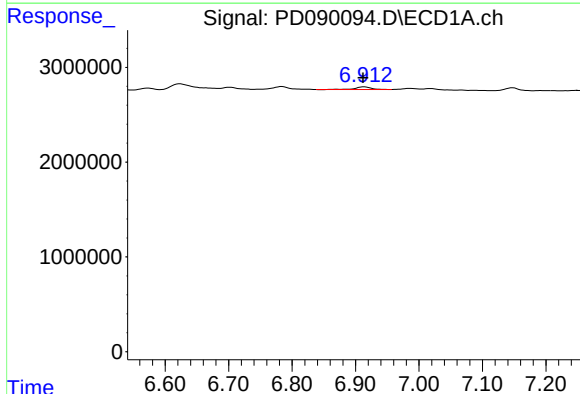
R.T.: 0.000 min  
Exp R.T.: 7.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



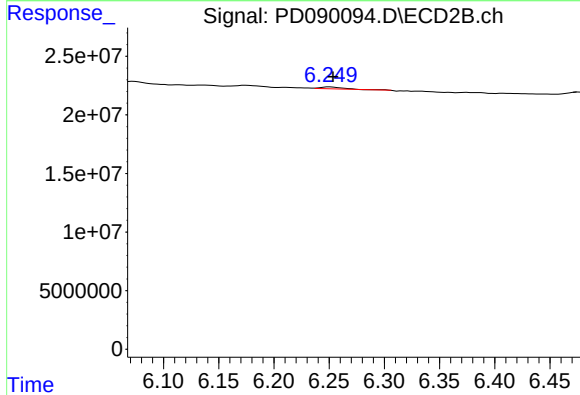
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.004 min  
Response: 1722943  
Conc: 0.07 ng/ml



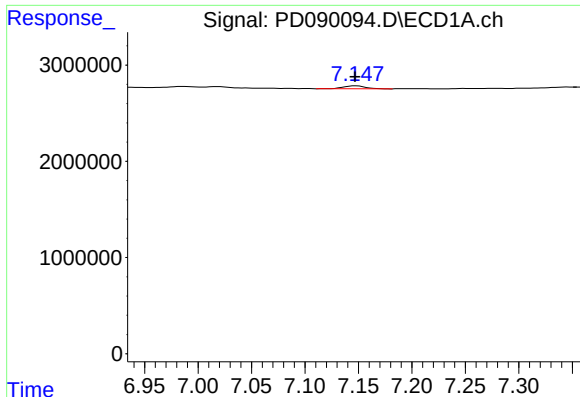
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: 0.001 min  
Response: 499353  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

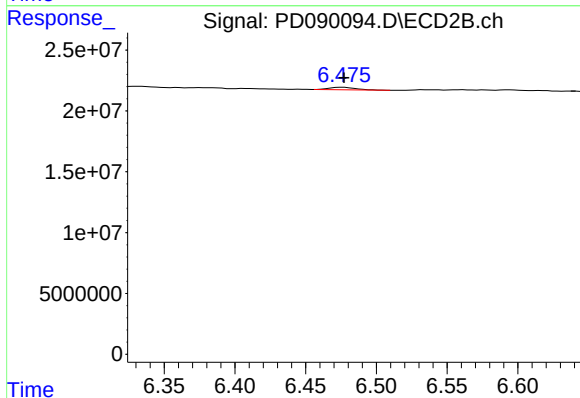
R.T.: 6.251 min  
Delta R.T.: -0.003 min  
Response: 1715906  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

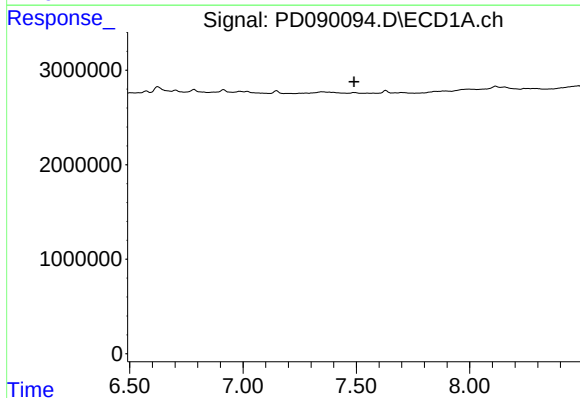
R.T.: 7.148 min  
Delta R.T.: 0.001 min  
Response: 439098  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



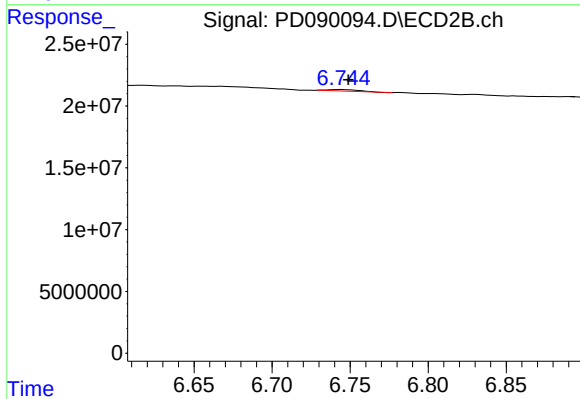
#19 Endosulfan Sulfate

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 2705934  
Conc: 0.11 ng/ml



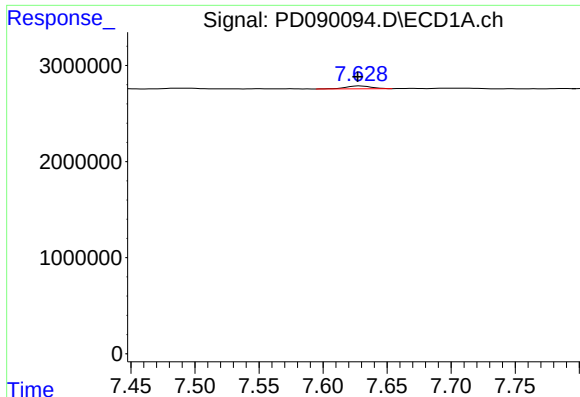
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.490 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

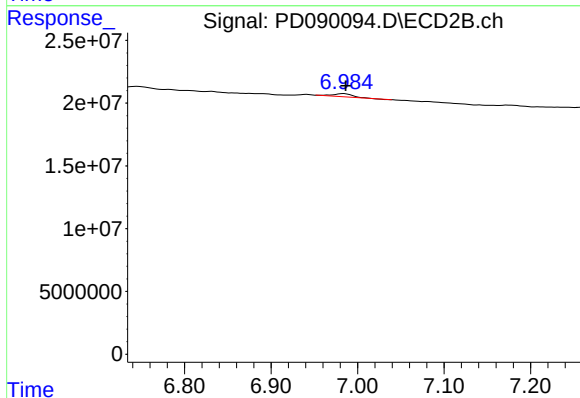
R.T.: 6.745 min  
Delta R.T.: -0.004 min  
Response: 1752239  
Conc: 0.14 ng/ml



#21 Endrin ketone

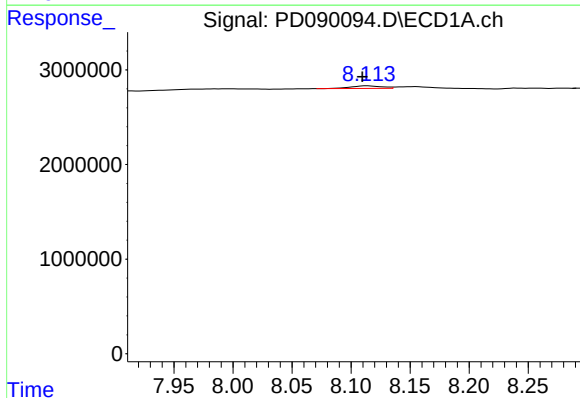
R.T.: 7.629 min  
Delta R.T.: 0.002 min  
Response: 398485  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



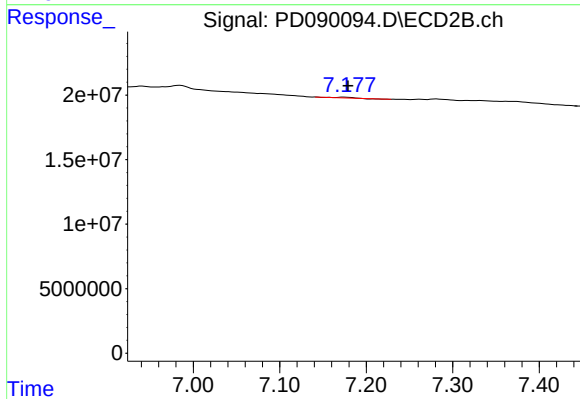
#21 Endrin ketone

R.T.: 6.984 min  
Delta R.T.: -0.002 min  
Response: 3354915  
Conc: 0.13 ng/ml



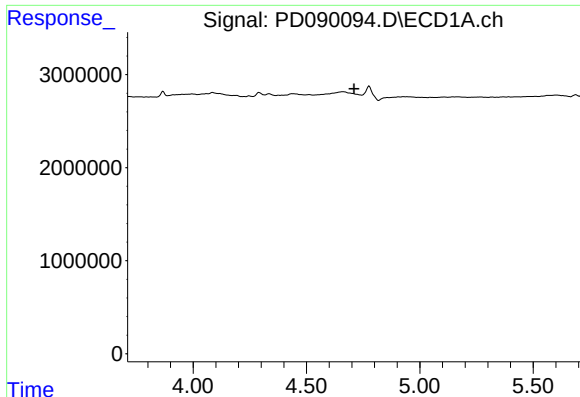
#22 Mirex

R.T.: 8.114 min  
Delta R.T.: 0.004 min  
Response: 500103  
Conc: 0.16 ng/ml



#22 Mirex

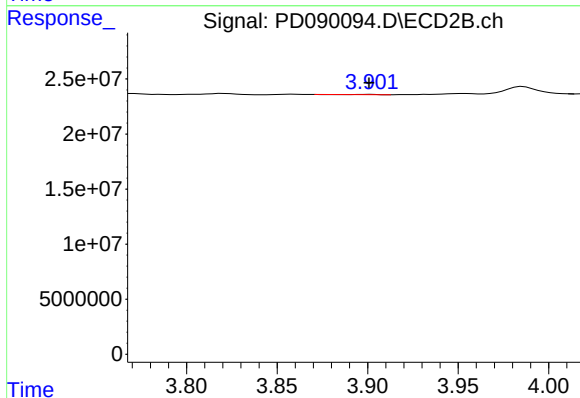
R.T.: 7.174 min  
Delta R.T.: -0.005 min  
Response: 420203  
Conc: 0.02 ng/ml



#23 Chlordane-1

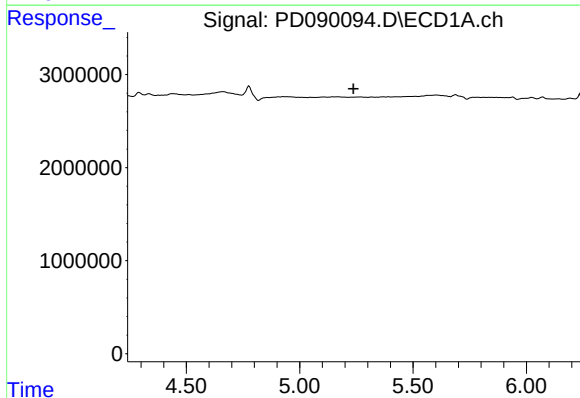
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



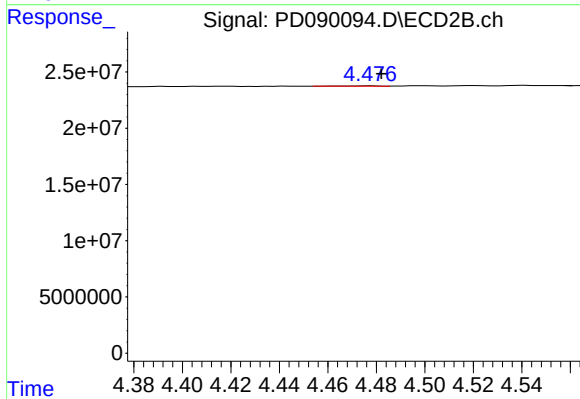
#23 Chlordane-1

R.T.: 3.902 min  
Delta R.T.: 0.001 min  
Response: 277371  
Conc: 0.31 ng/ml



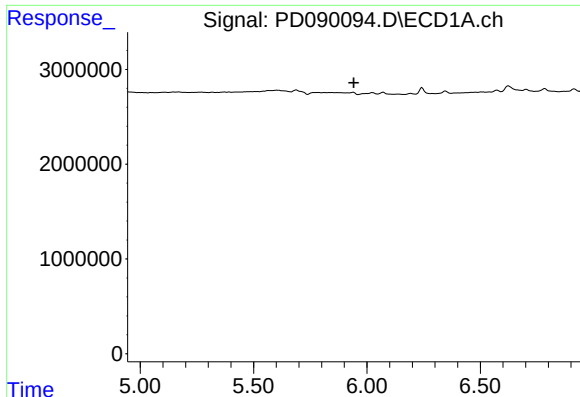
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.238 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

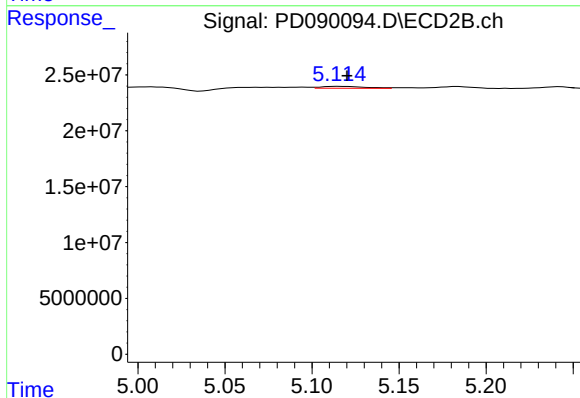
R.T.: 4.477 min  
Delta R.T.: -0.005 min  
Response: 325362  
Conc: 0.34 ng/ml



#25 Chlordane-3

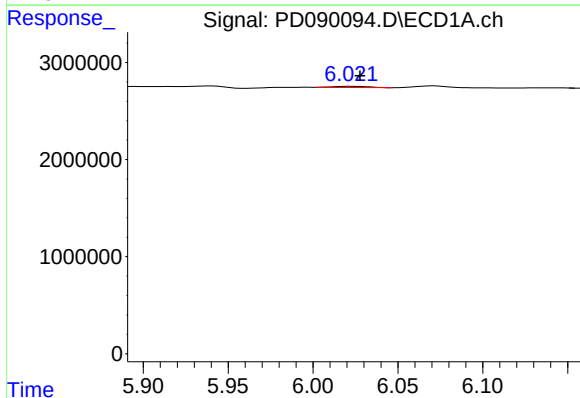
R.T.: 0.000 min  
Exp R.T.: 5.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



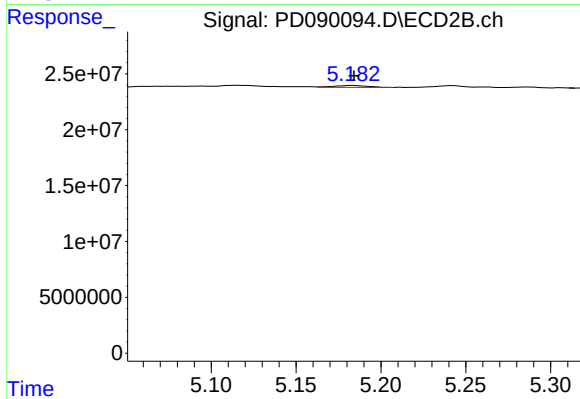
#25 Chlordane-3

R.T.: 5.115 min  
Delta R.T.: -0.005 min  
Response: 2901318  
Conc: 1.05 ng/ml



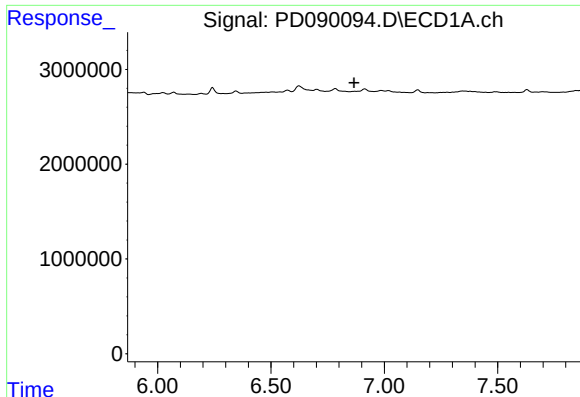
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 175567  
Conc: 0.21 ng/ml



#26 Chlordane-4

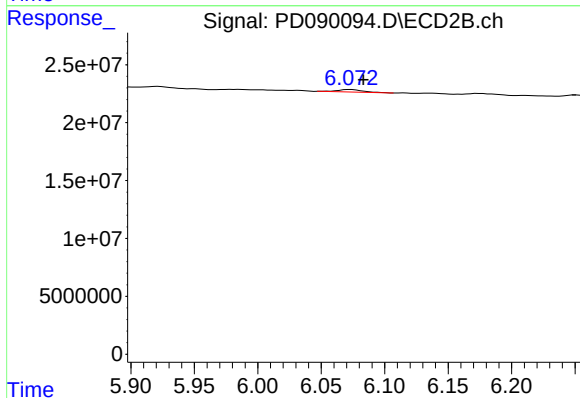
R.T.: 5.184 min  
Delta R.T.: 0.000 min  
Response: 2305430  
Conc: 0.96 ng/ml



#27 Chlorine-5

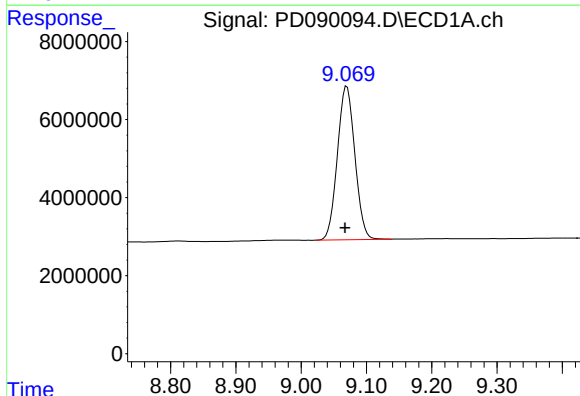
R.T.: 0.000 min  
Exp R.T.: 6.867 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



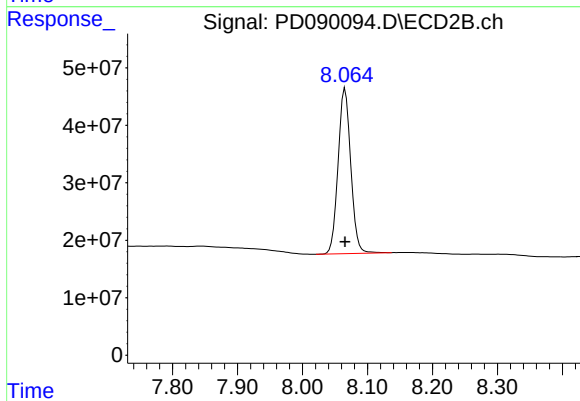
#27 Chlorine-5

R.T.: 6.073 min  
Delta R.T.: -0.010 min  
Response: 3056089  
Conc: 2.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.003 min  
Response: 73365279  
Conc: 17.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 390262644  
Conc: 15.08 ng/ml