

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
 Data File : PD074849.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2023 22:04  
 Operator : AR\AJ  
 Sample : 02390-08  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 05:52:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 18 13:17:37 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.547  | 2.768  | 51813965 | 25383011 | 21.723 | 19.472   |
| 28)                         | SA Decachlor... | 9.086  | 7.917  | 51229595 | 21626973 | 16.870 | 16.214   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.344  | 0.000  | 283107   | 0        | 0.073  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.927  | 3.957  | 697838   | 1421136  | 0.178  | 0.768 #  |
| 5)                          | MB Aldrin       | 5.297f | 4.239f | 1809871  | 767792   | 0.471  | 0.415    |
| 6)                          | B beta-BHC      | 4.511f | 0.000  | 302108   | 0        | 0.180  | N.D. #   |
| 7)                          | B delta-BHC     | 4.774  | 4.138  | 2574136  | 406885   | 0.807  | 0.216 #  |
| 8)                          | B Heptachlo...  | 5.690  | 4.755f | 3895085  | 303441   | 1.205  | 0.179 #  |
| 9)                          | A Endosulfan I  | 6.098  | 0.000  | 223332   | 0        | 0.068  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.949  | 4.954f | 1283782  | 1555280  | 0.370  | 0.898 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 0.000  | 869766   | 0        | 0.250  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.203  | 0.000  | 1967790  | 0        | 0.614  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.359  | 5.362  | 1366853  | 2025356  | 0.401  | 1.206 #  |
| 14)                         | MA Endrin       | 6.587  | 0.000  | 2879133  | 0        | 0.991  | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.918  | 0        | 726416   | N.D.   | 0.528 #  |
| 16)                         | A 4,4'-DDD      | 6.733  | 5.781  | 5028160  | 1219902  | 1.898  | 0.925 #  |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.030  | 173196   | 1031101  | 0.059  | 0.763 #  |
| 19)                         | B Endosulfa...  | 7.164  | 6.329  | 1189831  | 277169   | 0.412  | 0.201 #  |
| 21)                         | B Endrin ke...  | 7.663  | 6.839  | 1647140  | 309979   | 0.506  | 0.190 #  |
| 22)                         | Mirex           | 8.134  | 0.000  | 463398   | 0        | 0.187  | N.D. #   |
| 24)                         | Chlordane-2     | 5.222f | 0.000  | 653425   | 0        | 4.994  | N.D. #   |
| 25)                         | Chlordane-3     | 5.949  | 4.954f | 1283782  | 1555280  | 2.593  | 9.244 #  |
| 26)                         | Chlordane-4     | 6.036  | 0.000  | 869766   | 0        | 1.435  | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.918f | 0        | 726416   | N.D.   | 12.071 # |
| -----                       |                 |        |        |          |          |        |          |

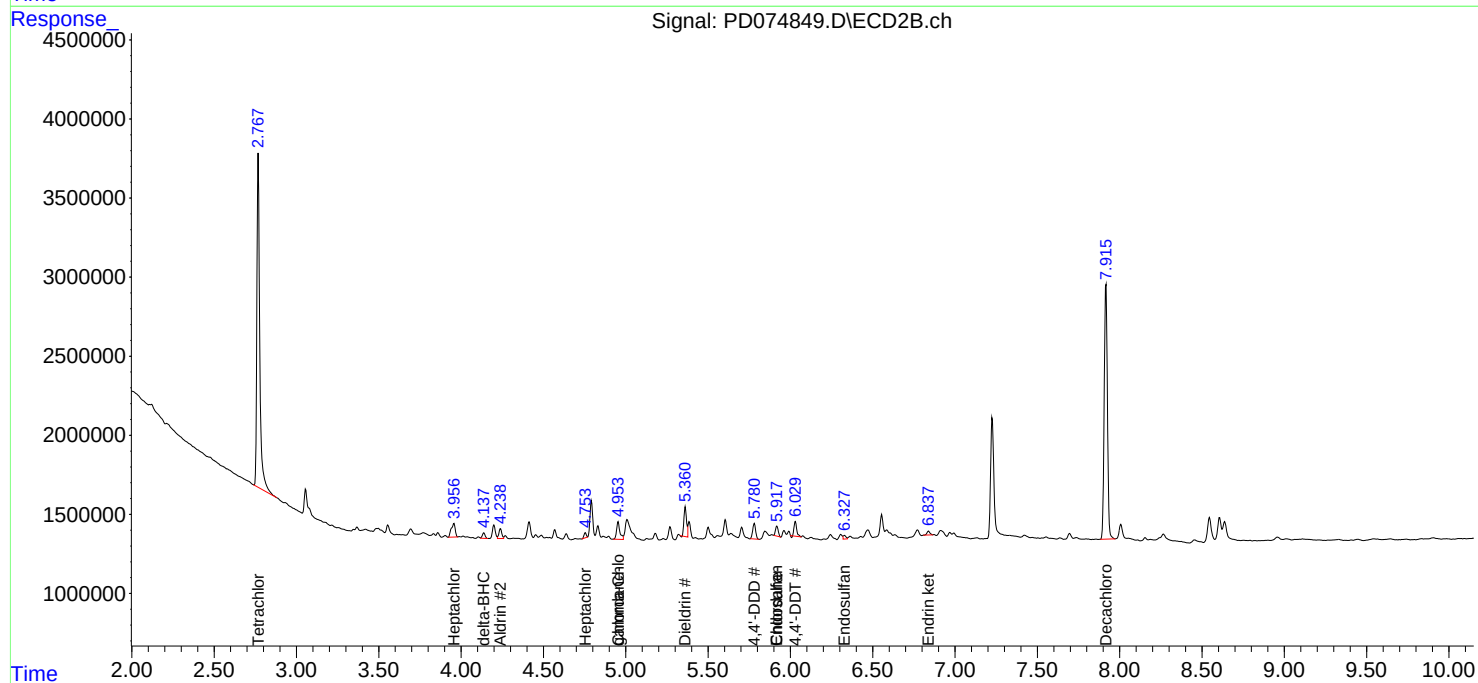
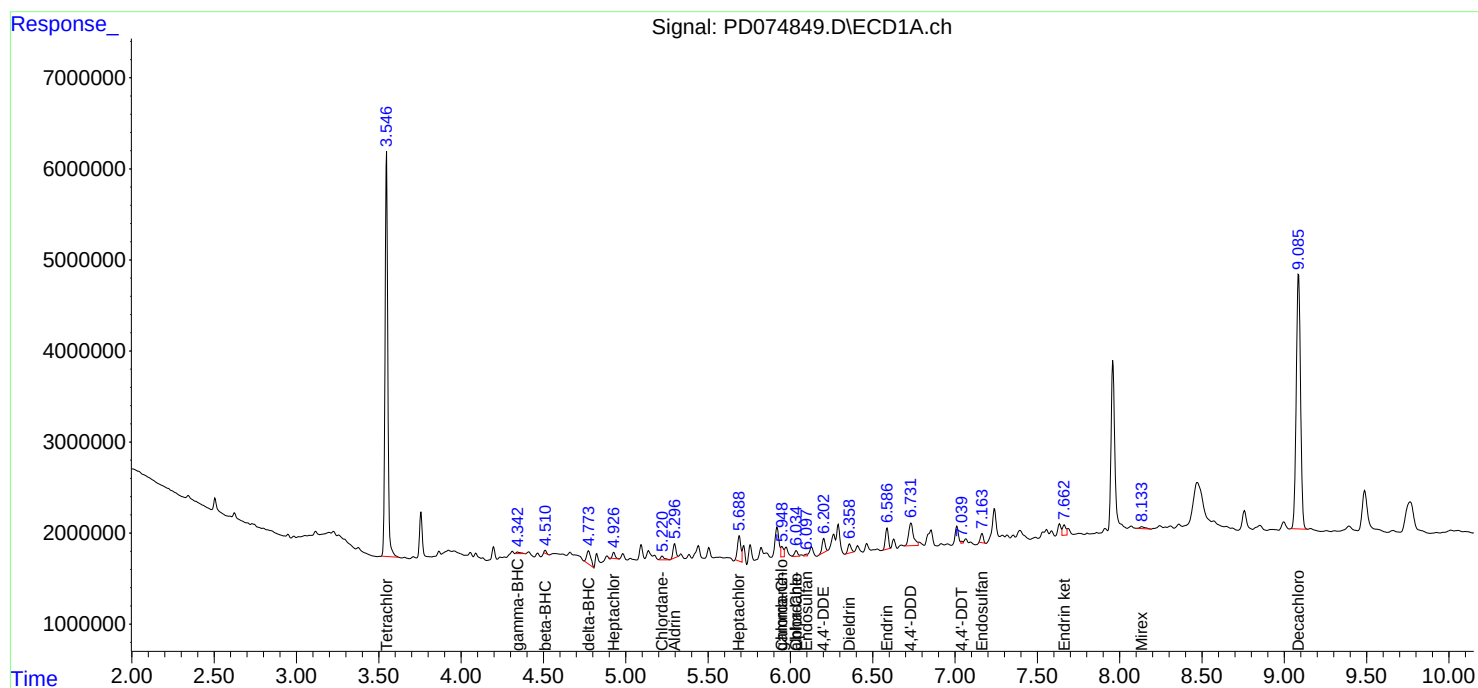
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

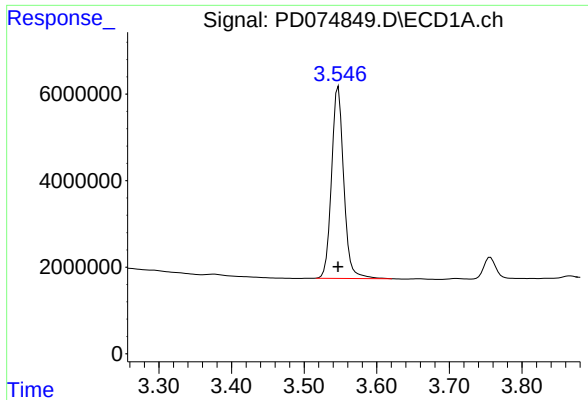
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
Data File : PD074849.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Quant Time: Apr 21 05:52:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
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QLast Update : Tue Apr 18 13:17:37 2023  
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Volume Inj. : 2 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

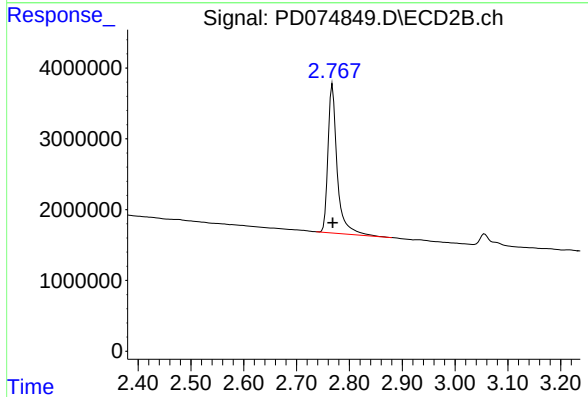




#1 Tetrachloro-m-xylene

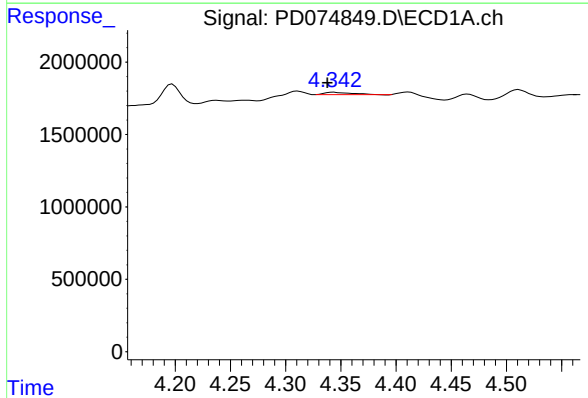
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 51813965  
Conc: 21.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



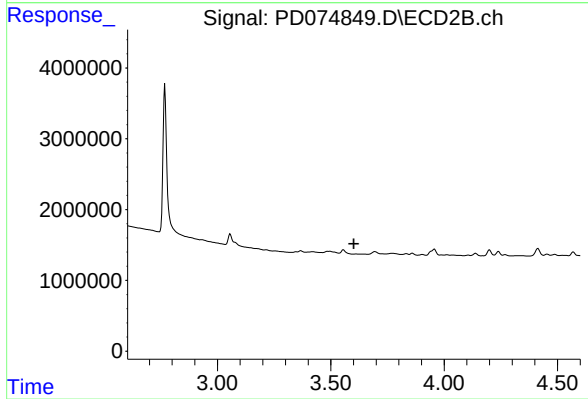
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 25383011  
Conc: 19.47 ng/ml



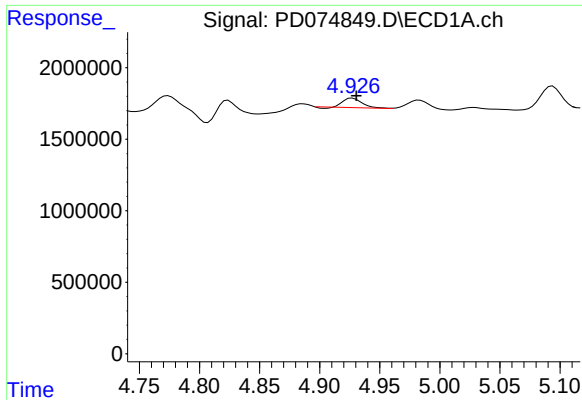
#3 gamma-BHC (Lindane)

R.T.: 4.344 min  
Delta R.T.: 0.006 min  
Response: 283107  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

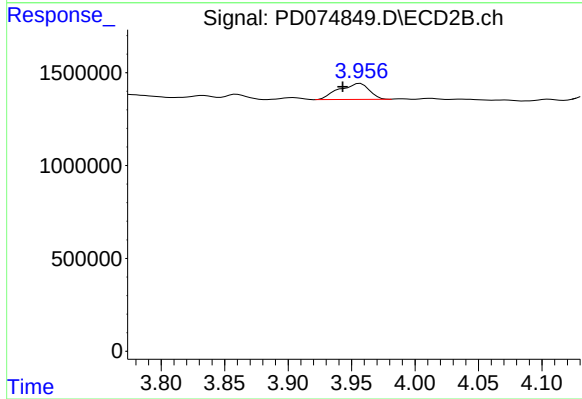
R.T.: 0.000 min  
Exp R.T. : 3.602 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

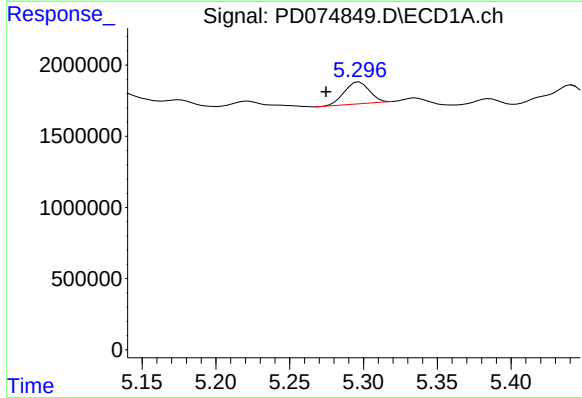
R.T.: 4.927 min  
Delta R.T.: -0.003 min  
Response: 697838  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



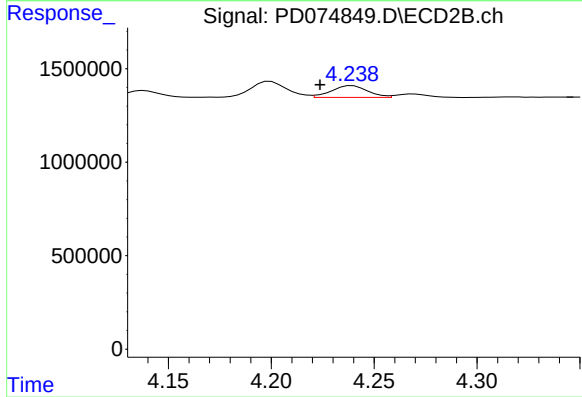
#4 Heptachlor

R.T.: 3.957 min  
Delta R.T.: 0.014 min  
Response: 1421136  
Conc: 0.77 ng/ml



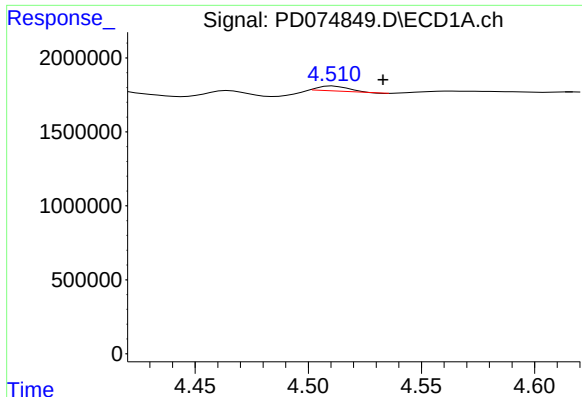
#5 Aldrin

R.T.: 5.297 min  
Delta R.T.: 0.023 min  
Response: 1809871  
Conc: 0.47 ng/ml



#5 Aldrin

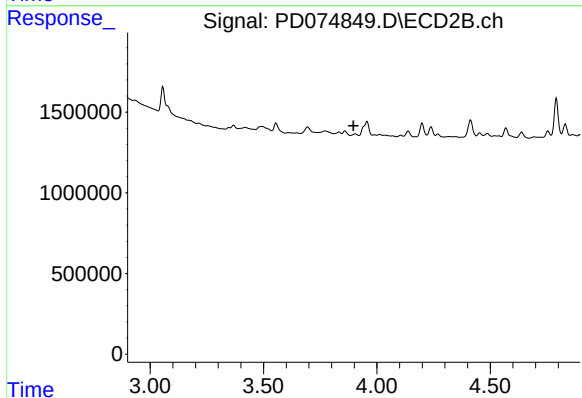
R.T.: 4.239 min  
Delta R.T.: 0.016 min  
Response: 767792  
Conc: 0.42 ng/ml



#6 beta-BHC

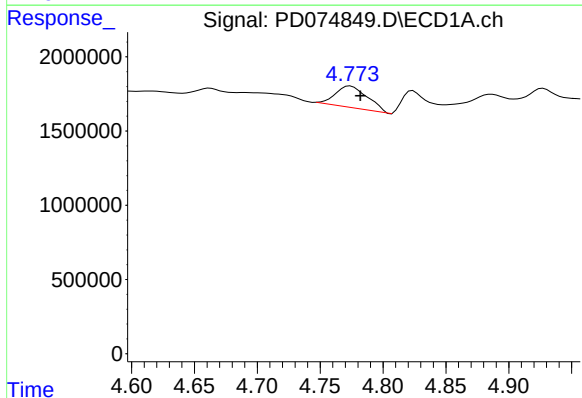
R.T.: 4.511 min  
Delta R.T.: -0.022 min  
Response: 302108  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



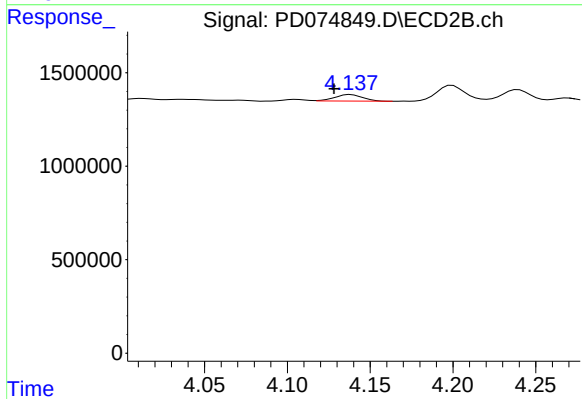
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.897 min  
Response: 0  
Conc: N.D.



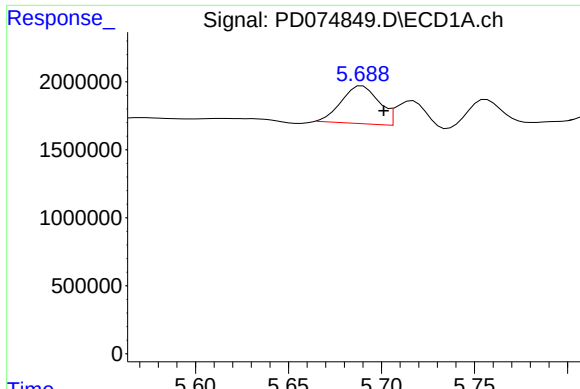
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: -0.008 min  
Response: 2574136  
Conc: 0.81 ng/ml



#7 delta-BHC

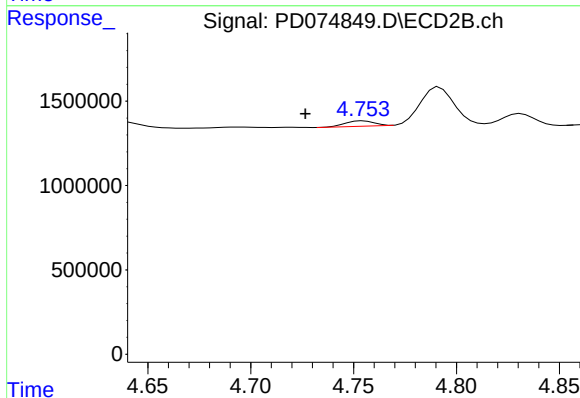
R.T.: 4.138 min  
Delta R.T.: 0.010 min  
Response: 406885  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

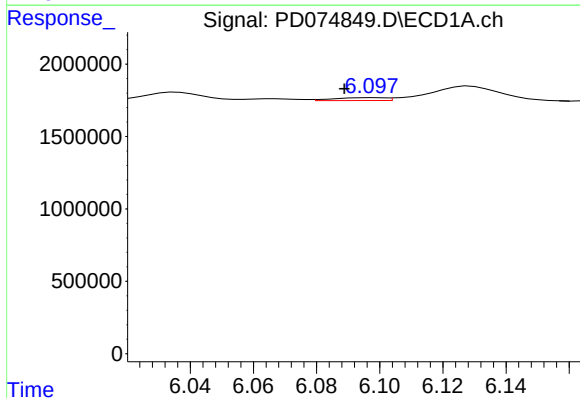
R.T.: 5.690 min  
Delta R.T.: -0.011 min  
Response: 3895085  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



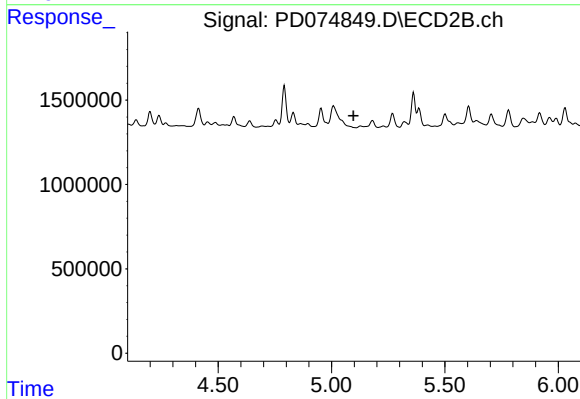
#8 Heptachlor epoxide

R.T.: 4.755 min  
Delta R.T.: 0.028 min  
Response: 303441  
Conc: 0.18 ng/ml



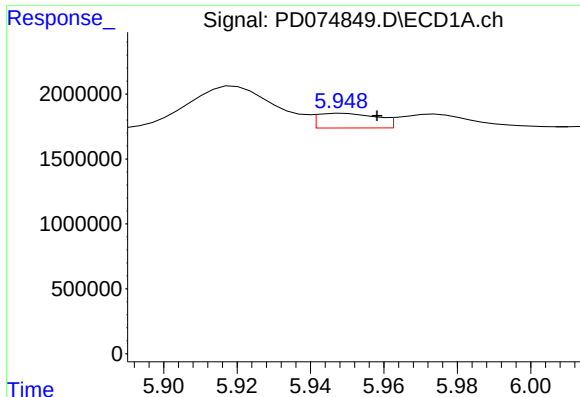
#9 Endosulfan I

R.T.: 6.098 min  
Delta R.T.: 0.009 min  
Response: 223332  
Conc: 0.07 ng/ml



#9 Endosulfan I

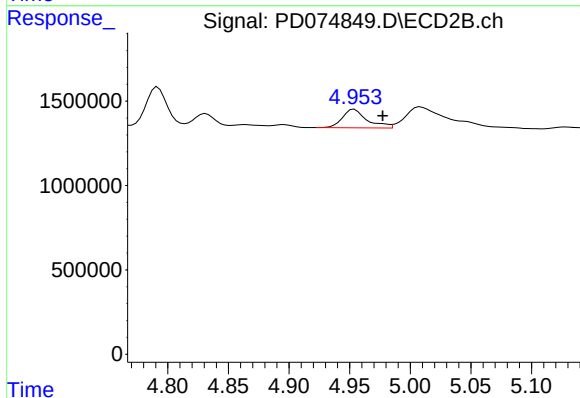
R.T.: 0.000 min  
Exp R.T.: 5.097 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

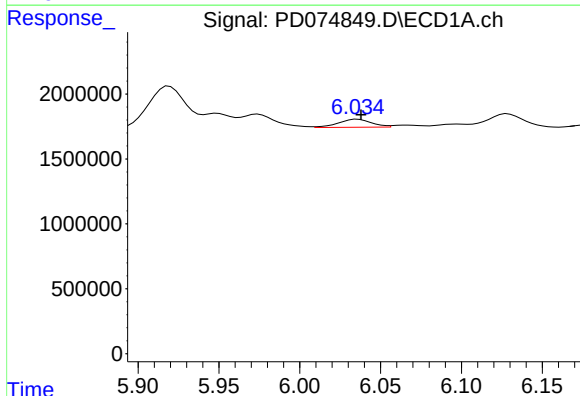
R.T.: 5.949 min  
Delta R.T.: -0.009 min  
Response: 1283782  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



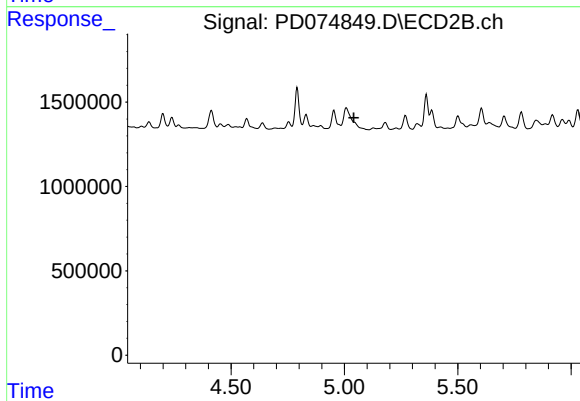
#10 gamma-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.023 min  
Response: 1555280  
Conc: 0.90 ng/ml



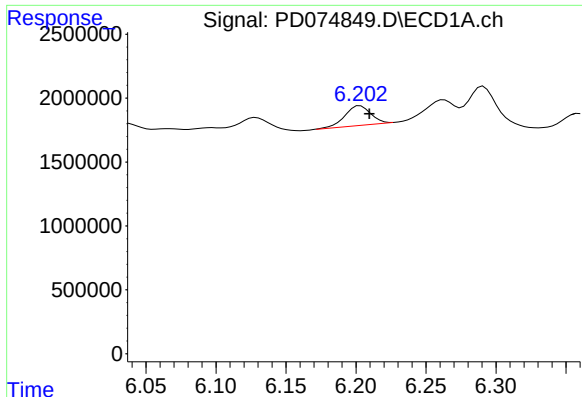
#11 alpha-Chlordane

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 869766  
Conc: 0.25 ng/ml



#11 alpha-Chlordane

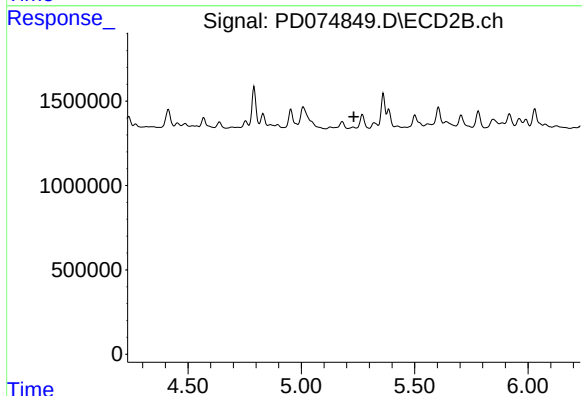
R.T.: 0.000 min  
Exp R.T.: 5.042 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

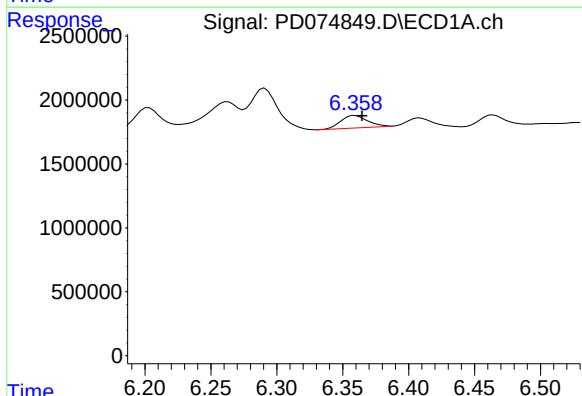
R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 1967790  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



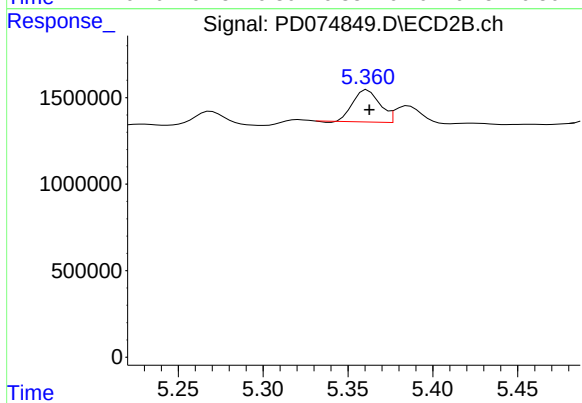
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

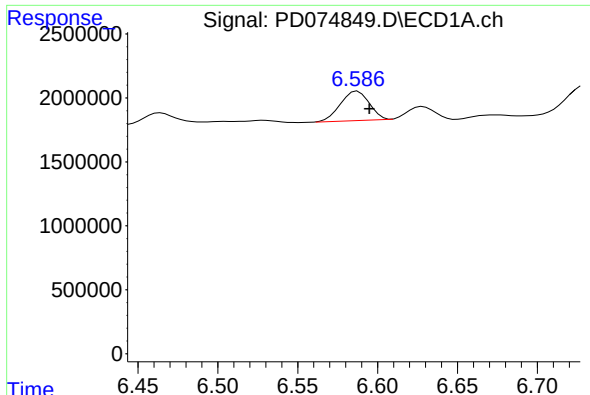
R.T.: 6.359 min  
Delta R.T.: -0.005 min  
Response: 1366853  
Conc: 0.40 ng/ml



#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: -0.001 min  
Response: 2025356  
Conc: 1.21 ng/ml

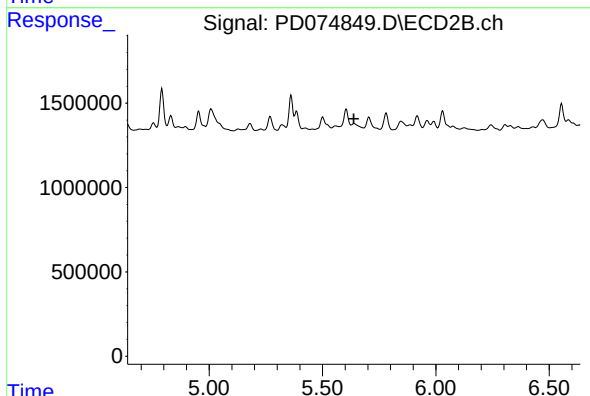




#14 Endrin

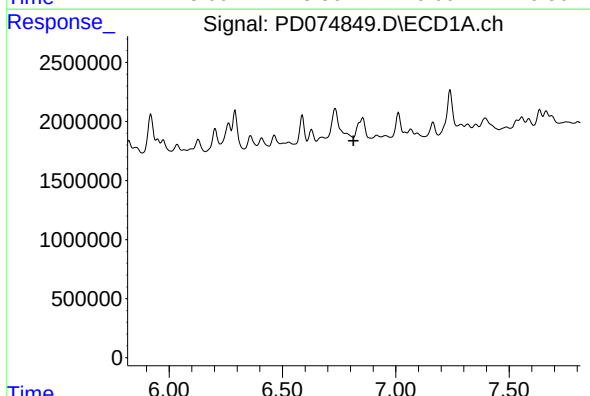
R.T.: 6.587 min  
Delta R.T.: -0.007 min  
Response: 2879133  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



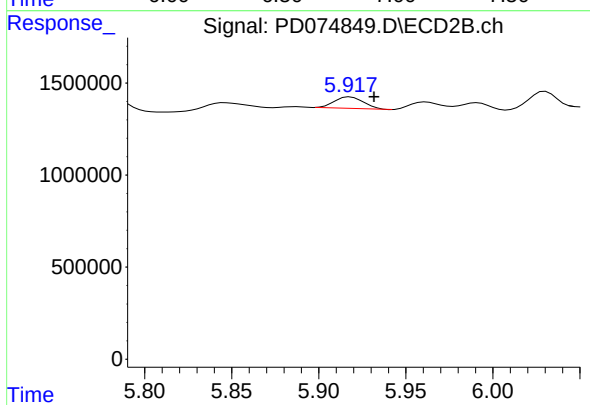
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.638 min  
Response: 0  
Conc: N.D.



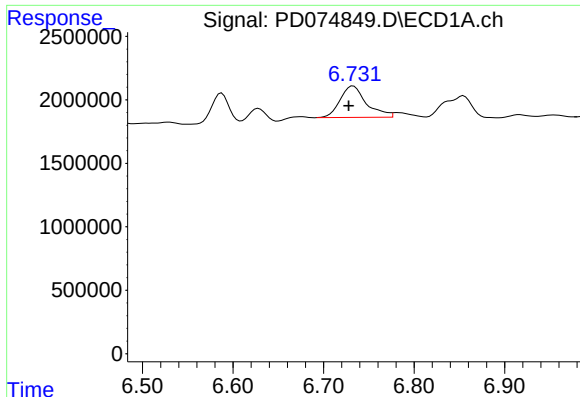
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.814 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

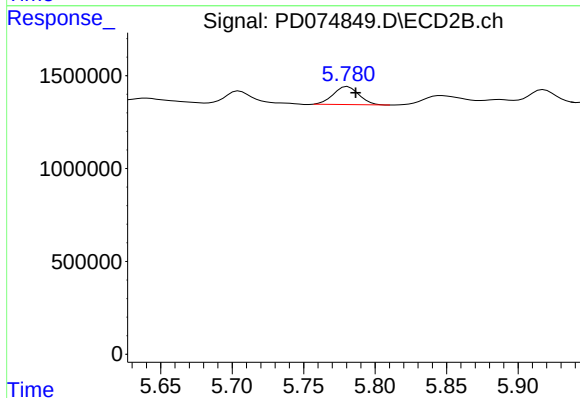
R.T.: 5.918 min  
Delta R.T.: -0.014 min  
Response: 726416  
Conc: 0.53 ng/ml



#16 4,4'-DDD

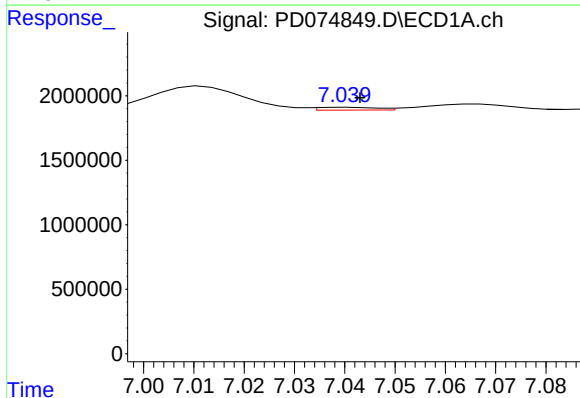
R.T.: 6.733 min  
Delta R.T.: 0.005 min  
Response: 5028160  
Conc: 1.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



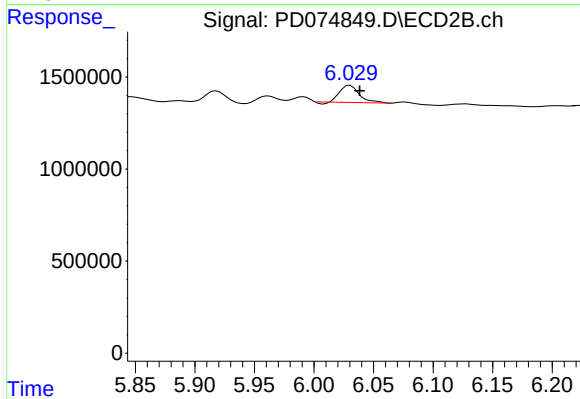
#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 1219902  
Conc: 0.93 ng/ml



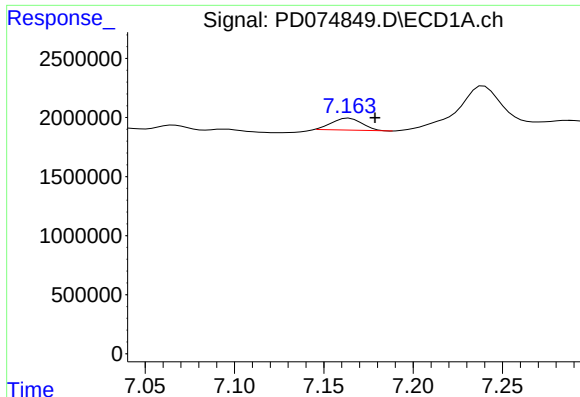
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.003 min  
Response: 173196  
Conc: 0.06 ng/ml



#17 4,4'-DDT

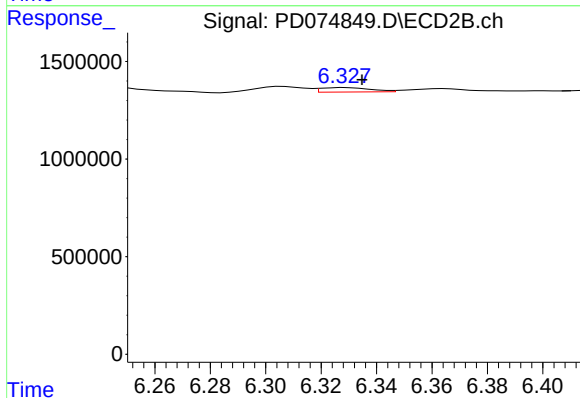
R.T.: 6.030 min  
Delta R.T.: -0.008 min  
Response: 1031101  
Conc: 0.76 ng/ml



#19 Endosulfan Sulfate

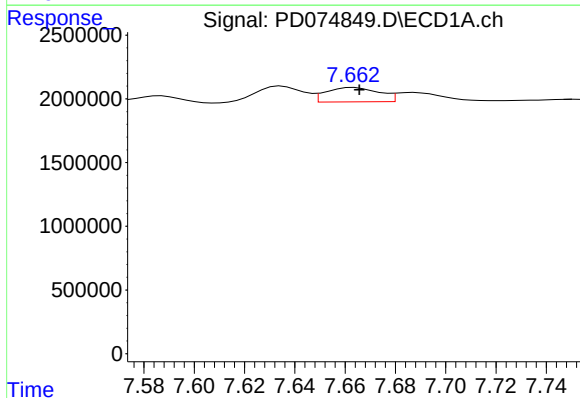
R.T.: 7.164 min  
Delta R.T.: -0.014 min  
Response: 1189831  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



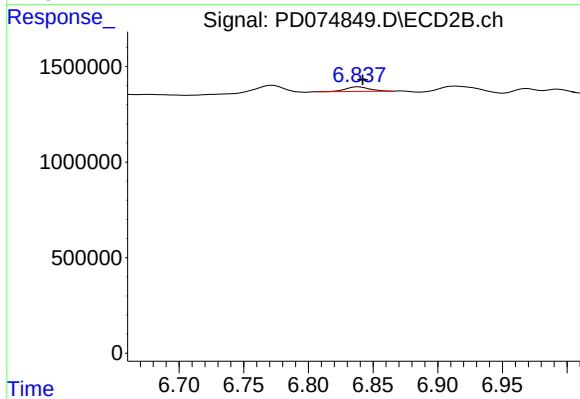
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: -0.006 min  
Response: 277169  
Conc: 0.20 ng/ml



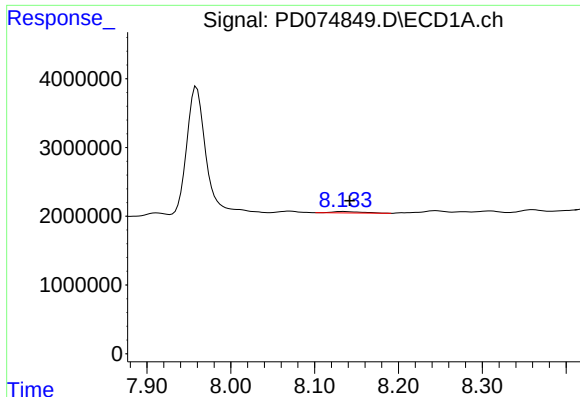
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: -0.002 min  
Response: 1647140  
Conc: 0.51 ng/ml



#21 Endrin ketone

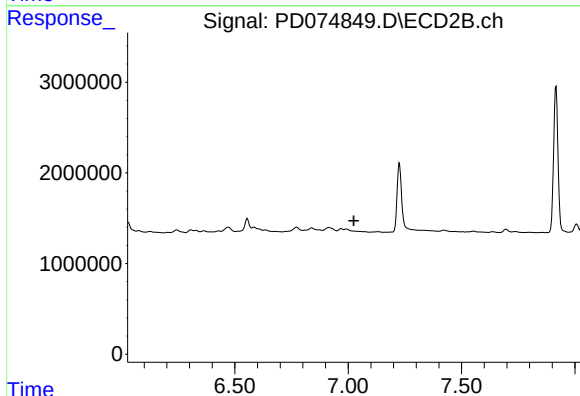
R.T.: 6.839 min  
Delta R.T.: -0.003 min  
Response: 309979  
Conc: 0.19 ng/ml



#22 Mirex

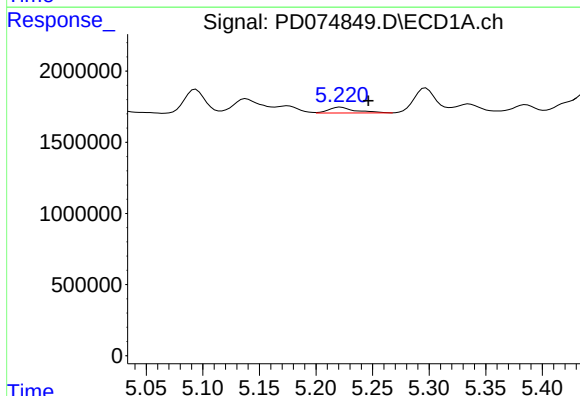
R.T.: 8.134 min  
Delta R.T.: -0.008 min  
Response: 463398  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



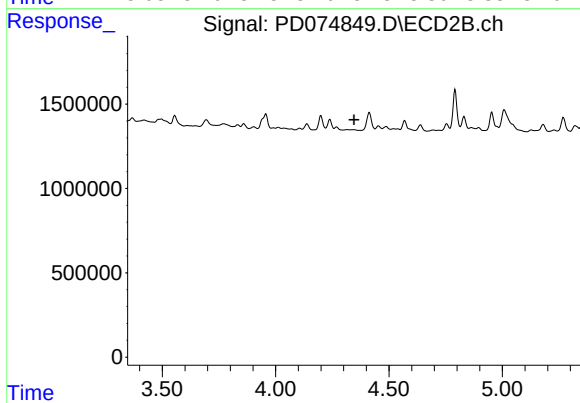
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.025 min  
Response: 0  
Conc: N.D.



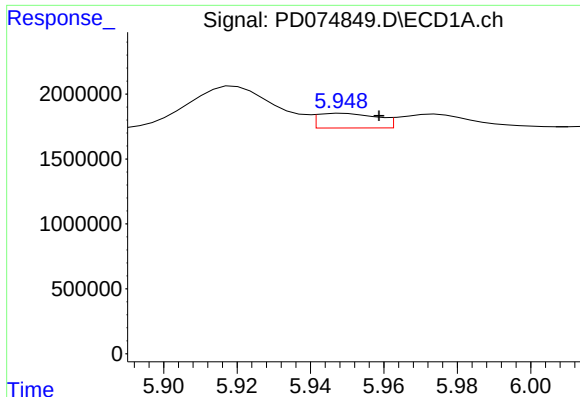
#24 Chlordane-2

R.T.: 5.222 min  
Delta R.T.: -0.024 min  
Response: 653425  
Conc: 4.99 ng/ml



#24 Chlordane-2

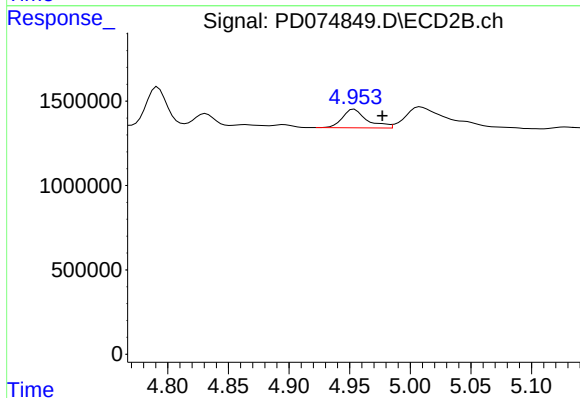
R.T.: 0.000 min  
Exp R.T. : 4.346 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

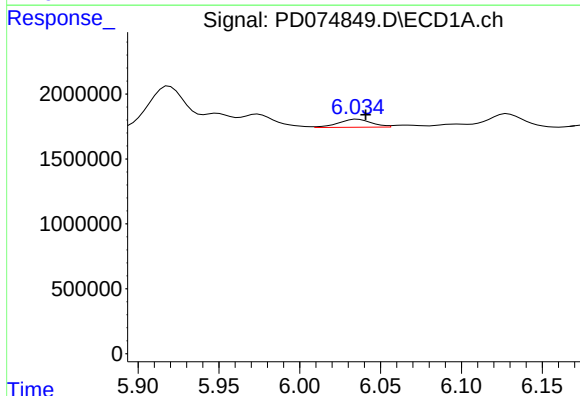
R.T.: 5.949 min  
Delta R.T.: -0.010 min  
Response: 1283782  
Conc: 2.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



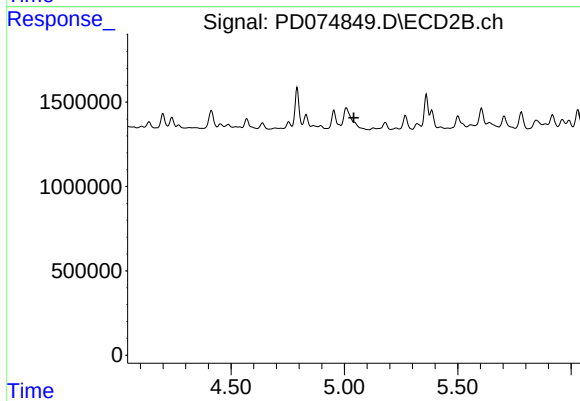
#25 Chlordane-3

R.T.: 4.954 min  
Delta R.T.: -0.023 min  
Response: 1555280  
Conc: 9.24 ng/ml



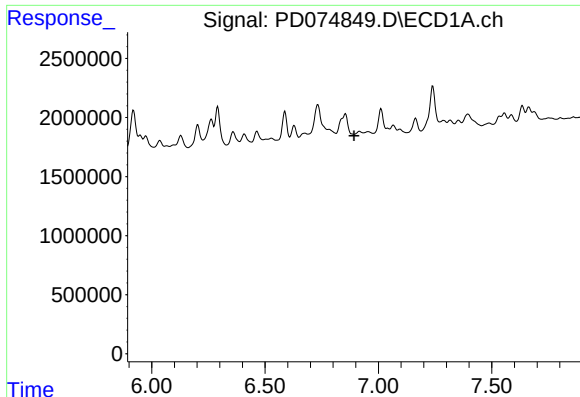
#26 Chlordane-4

R.T.: 6.036 min  
Delta R.T.: -0.005 min  
Response: 869766  
Conc: 1.43 ng/ml



#26 Chlordane-4

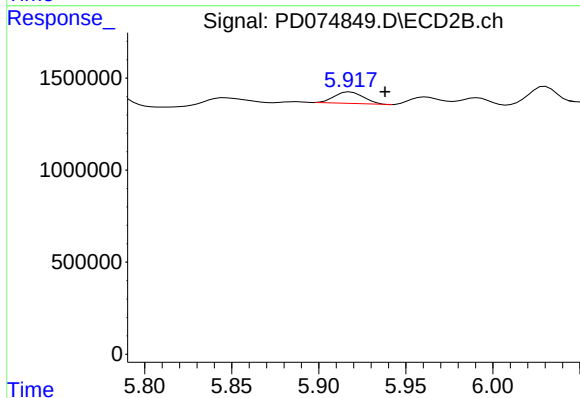
R.T.: 0.000 min  
Exp R.T.: 5.041 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

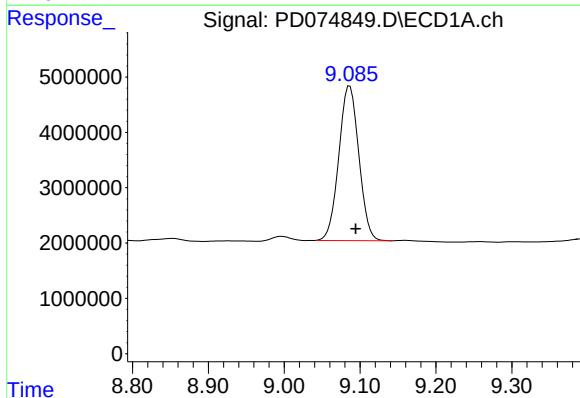
R.T.: 0.000 min  
Exp R.T.: 6.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



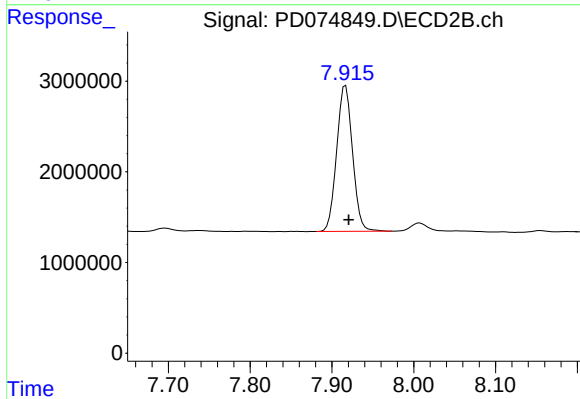
#27 Chlordane-5

R.T.: 5.918 min  
Delta R.T.: -0.020 min  
Response: 726416  
Conc: 12.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: -0.008 min  
Response: 51229595  
Conc: 16.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: -0.004 min  
Response: 21626973  
Conc: 16.21 ng/ml