

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070723\  
 Data File : PD076376.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2023 16:16  
 Operator : AR\AJ  
 Sample : 03516-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BERGENFIELD-COMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 21:41:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 05 05:21:22 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... | 3.545  | 2.765  | 27935979 | 18518998 | 8.527 | 11.658 # |
| 28)                         | SA Decachlor... | 9.085  | 7.908  | 27615760 | 10890757 | 7.767 | 8.654    |
| Target Compounds            |                 |        |        |          |          |       |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.263  | 0        | 662984   | N.D.  | 0.275 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.608  | 0        | 58636    | N.D.  | 0.026 #  |
| 4)                          | MA Heptachlor   | 4.942f | 3.941  | 1100184  | 16156    | 0.200 | 0.007 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.225  | 0        | 40242    | N.D.  | 0.018 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.888  | 0        | 2706     | N.D.  | 0.003 #  |
| 7)                          | B delta-BHC     | 4.768  | 4.120  | 774262   | 9726     | 0.151 | 0.005 #  |
| 8)                          | B Heptachlo...  | 5.692  | 4.720  | 1247602  | 14902    | 0.259 | 0.007 #  |
| 9)                          | A Endosulfan I  | 6.107f | 5.083  | 153901   | 6562     | 0.034 | 0.004 #  |
| 10)                         | B gamma-Chl...  | 5.939  | 4.955  | 35213    | 18172    | 0.007 | 0.009 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.027  | 0        | 36518    | N.D.  | 0.018 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.224  | 0        | 12986    | N.D.  | 0.008 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.348  | 0        | 38373    | N.D.  | 0.019 #  |
| 15)                         | B Endosulfa...  | 6.807  | 5.916  | 82118    | 26193    | 0.022 | 0.017    |
| 17)                         | MA 4,4'-DDT     | 7.021f | 6.029  | 403948   | 40336    | 0.115 | 0.033 #  |
| 18)                         | B Endrin al...  | 6.905f | 6.105  | 169325   | 15153    | 0.062 | 0.013 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.332  | 0        | 17686    | N.D.  | 0.012 #  |
| 20)                         | A Methoxychlor  | 7.530f | 6.597  | 203579   | 5932     | 0.107 | 0.009 #  |
| 21)                         | B Endrin ke...  | 7.690f | 6.833  | 97694    | 49585    | 0.023 | 0.028    |
| 22)                         | Mirex           | 0.000  | 7.045f | 0        | 40061    | N.D.  | 0.027 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.763  | 0        | 52925    | N.D.  | 1.196 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.338  | 0        | 3313     | N.D.  | 0.068 #  |
| 25)                         | Chlordane-3     | 5.939  | 4.955  | 35213    | 18172    | 0.070 | 0.129 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.027  | 0        | 36518    | N.D.  | 0.259 #  |
| 27)                         | Chlordane-5     | 6.905f | 5.916  | 169325   | 26193    | 1.734 | 0.563 #  |
| -----                       |                 |        |        |          |          |       |          |

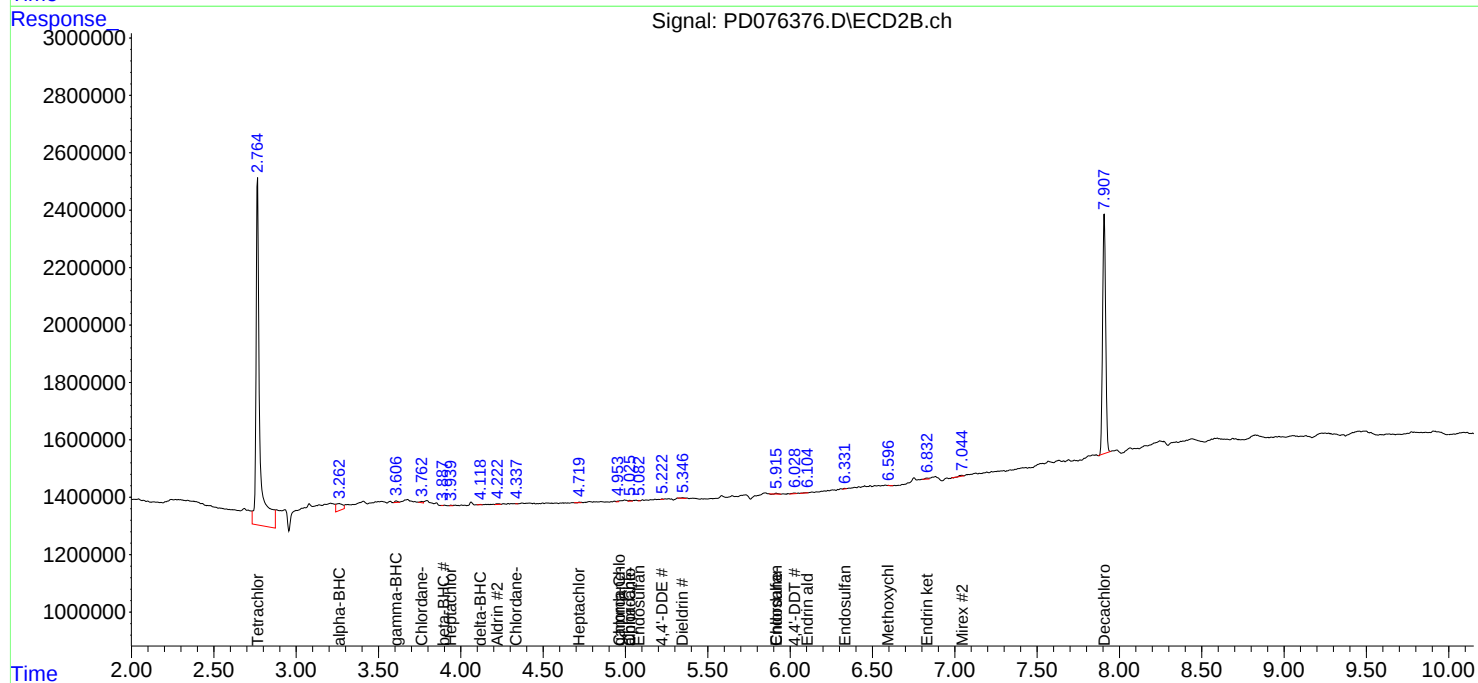
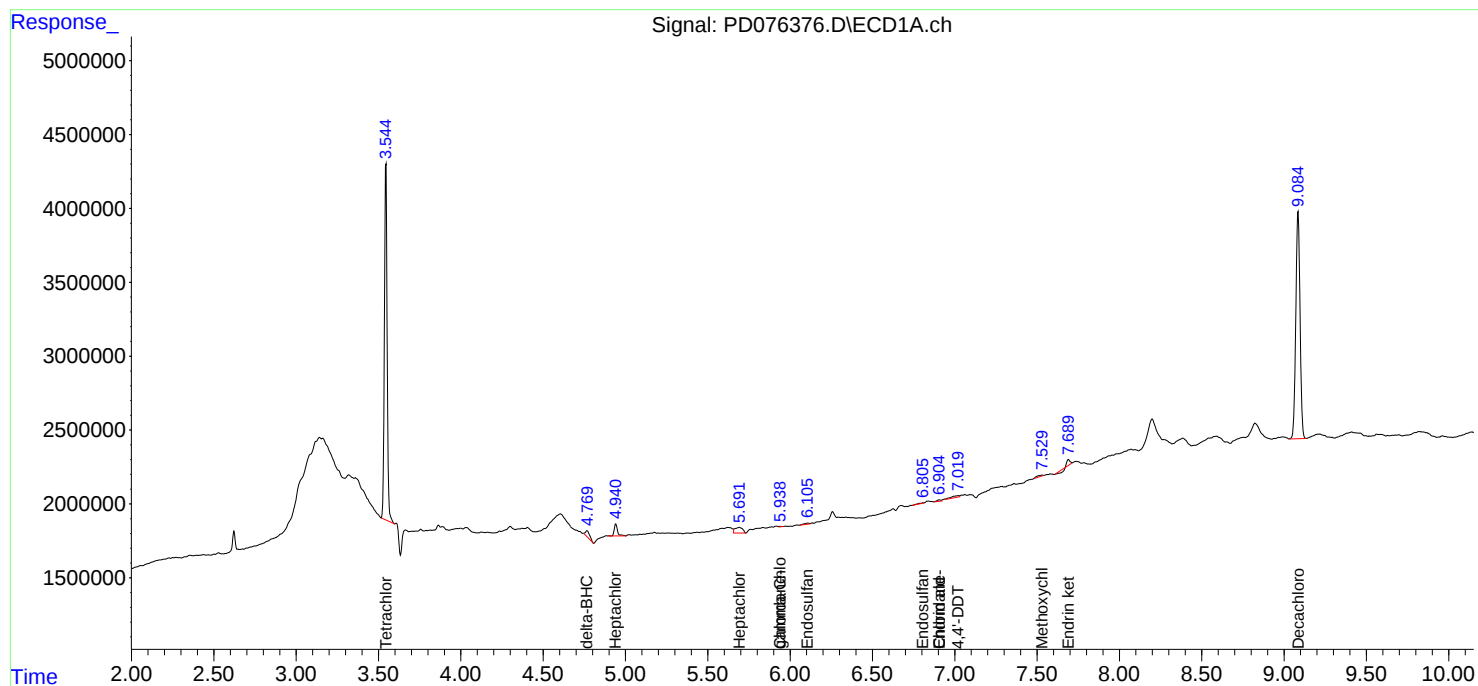
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

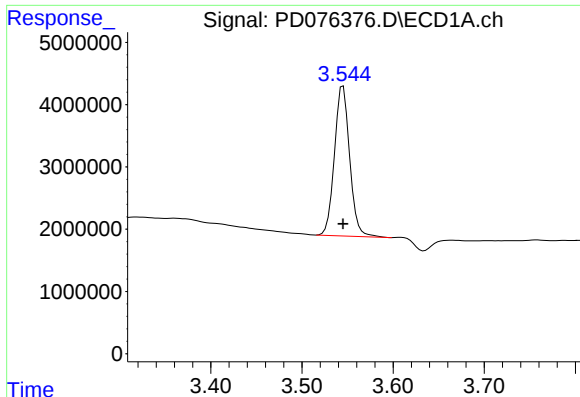
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070723\  
Data File : PD076376.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2023 16:16  
Operator : AR\AJ  
Sample : 03516-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 06 21:41:23 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 05 05:21:22 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

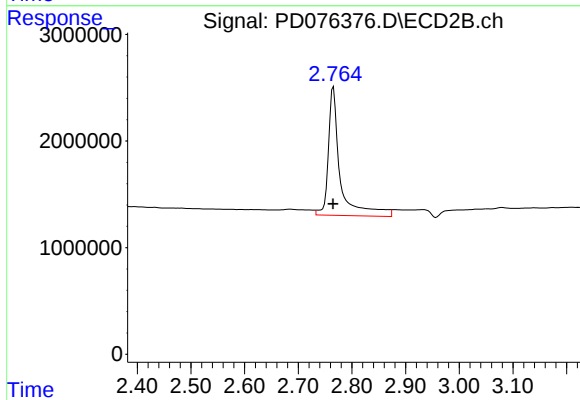




#1 Tetrachloro-m-xylene

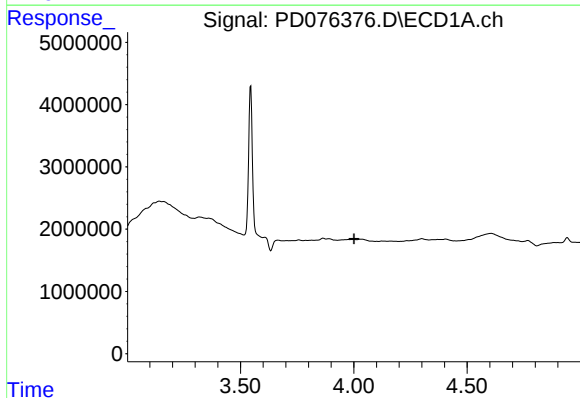
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 27935979  
Conc: 8.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



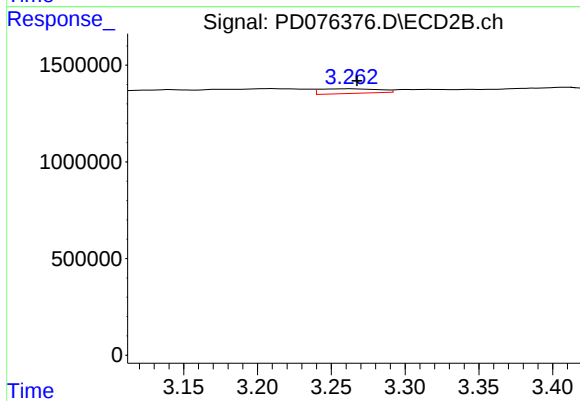
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: 0.000 min  
Response: 18518998  
Conc: 11.66 ng/ml



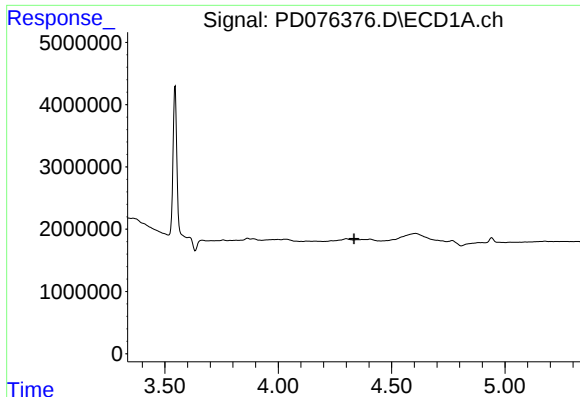
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

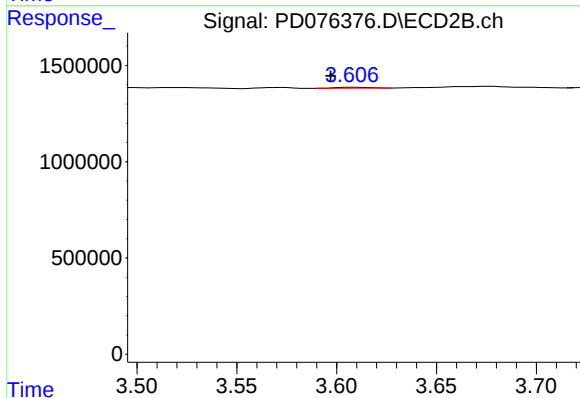
R.T.: 3.263 min  
Delta R.T.: -0.005 min  
Response: 662984  
Conc: 0.28 ng/ml



#3 gamma-BHC (Lindane)

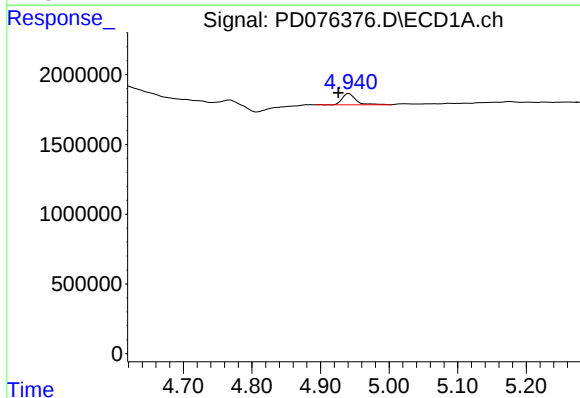
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



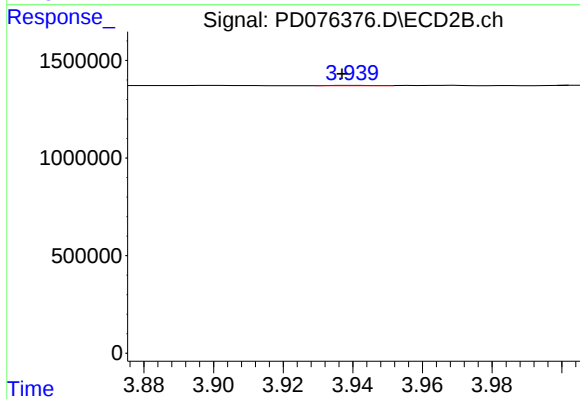
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.011 min  
Response: 58636  
Conc: 0.03 ng/ml



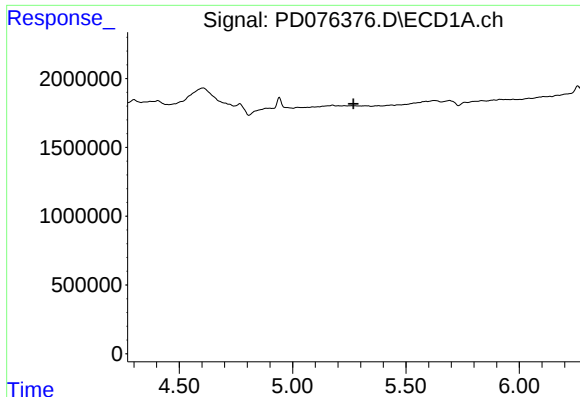
#4 Heptachlor

R.T.: 4.942 min  
Delta R.T.: 0.015 min  
Response: 1100184  
Conc: 0.20 ng/ml



#4 Heptachlor

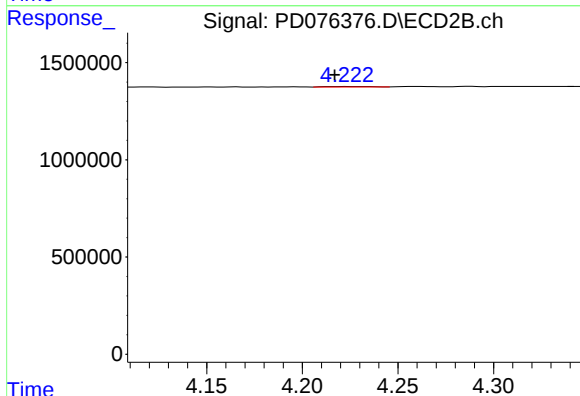
R.T.: 3.941 min  
Delta R.T.: 0.004 min  
Response: 16156  
Conc: 0.01 ng/ml



#5 Aldrin

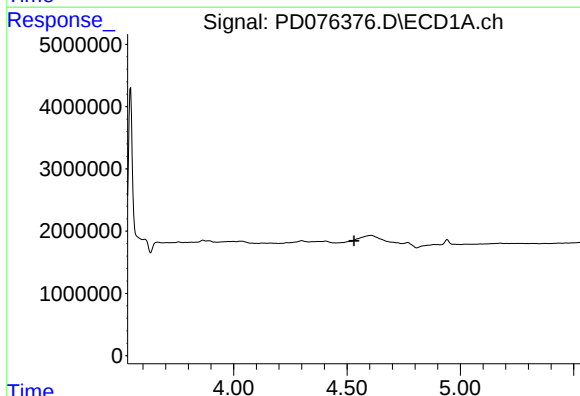
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



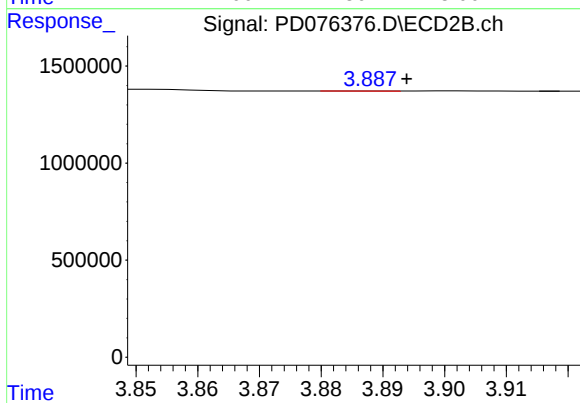
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.008 min  
Response: 40242  
Conc: 0.02 ng/ml



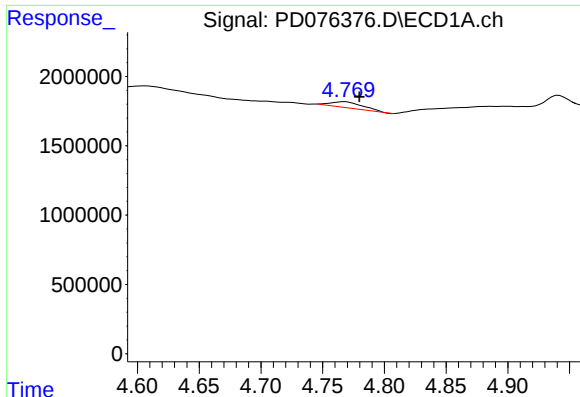
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.531 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

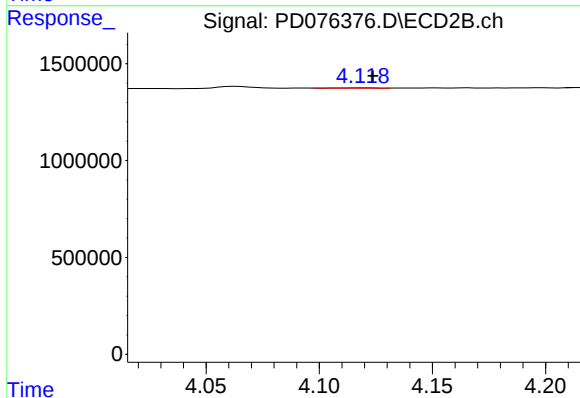
R.T.: 3.888 min  
Delta R.T.: -0.006 min  
Response: 2706  
Conc: 0.00 ng/ml



#7 delta-BHC

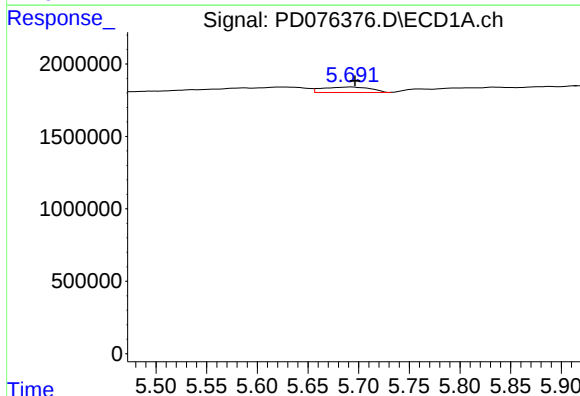
R.T.: 4.768 min  
Delta R.T.: -0.012 min  
Response: 774262  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



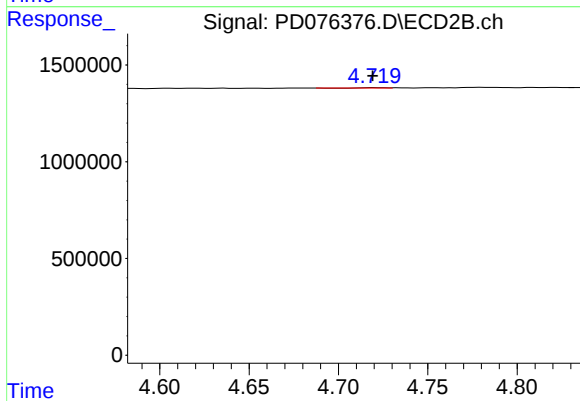
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: -0.004 min  
Response: 9726  
Conc: 0.00 ng/ml



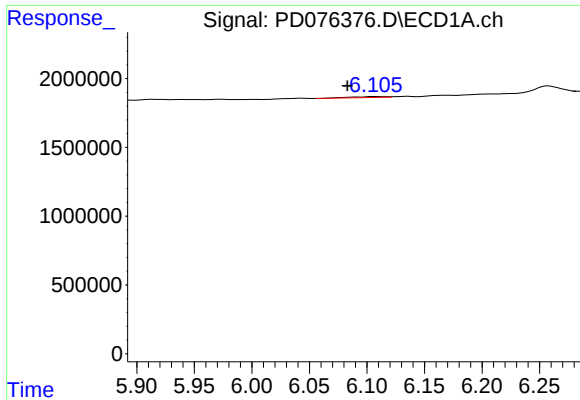
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 1247602  
Conc: 0.26 ng/ml



#8 Heptachlor epoxide

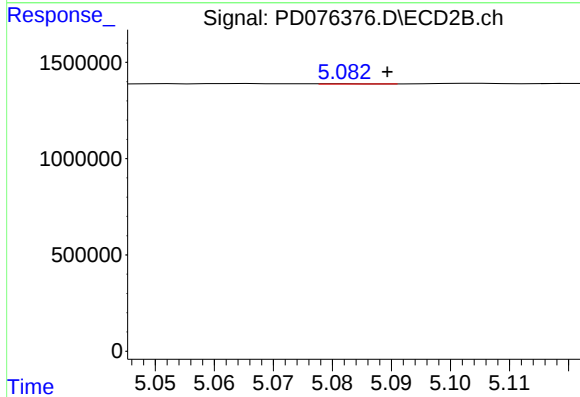
R.T.: 4.720 min  
Delta R.T.: 0.001 min  
Response: 14902  
Conc: 0.01 ng/ml



#9 Endosulfan I

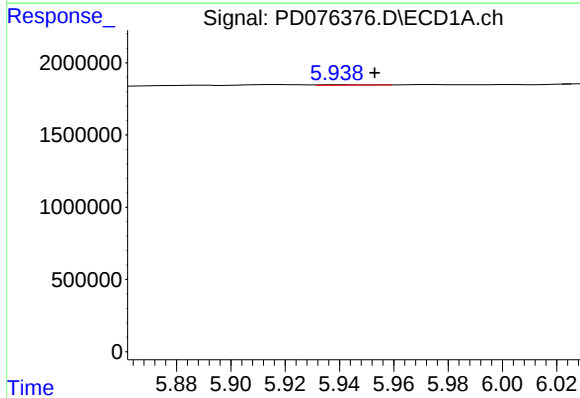
R.T.: 6.107 min  
Delta R.T.: 0.024 min  
Response: 153901  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



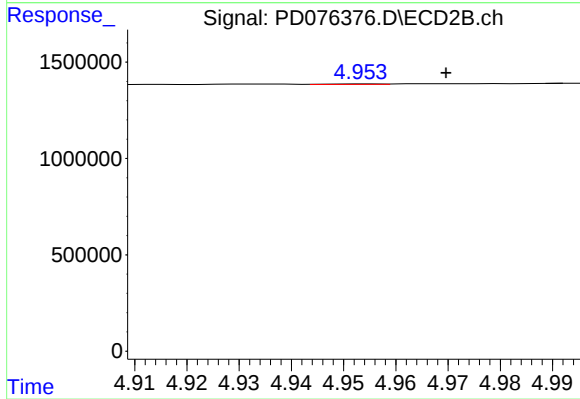
#9 Endosulfan I

R.T.: 5.083 min  
Delta R.T.: -0.007 min  
Response: 6562  
Conc: 0.00 ng/ml



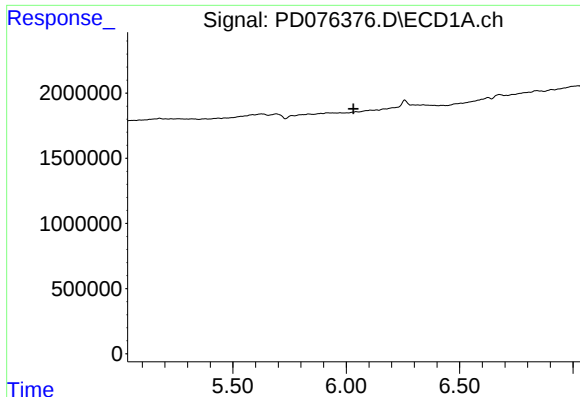
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.014 min  
Response: 35213  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

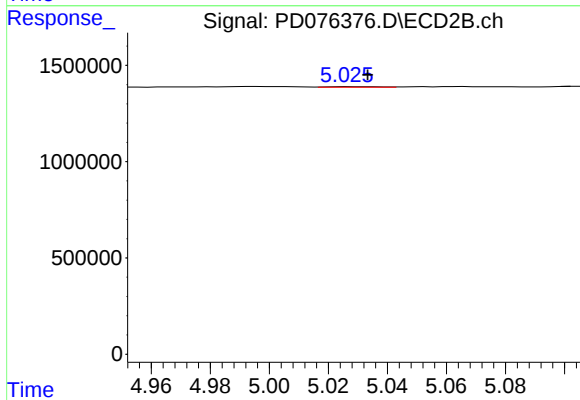
R.T.: 4.955 min  
Delta R.T.: -0.015 min  
Response: 18172  
Conc: 0.01 ng/ml



#11 alpha-Chlordane

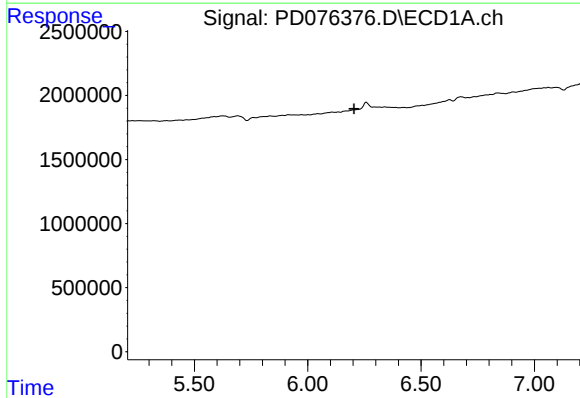
R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



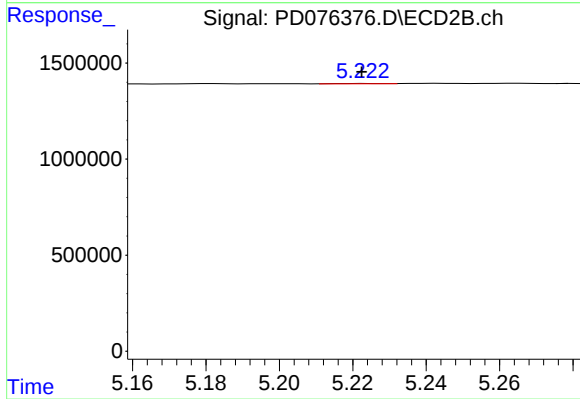
#11 alpha-Chlordane

R.T.: 5.027 min  
Delta R.T.: -0.006 min  
Response: 36518  
Conc: 0.02 ng/ml



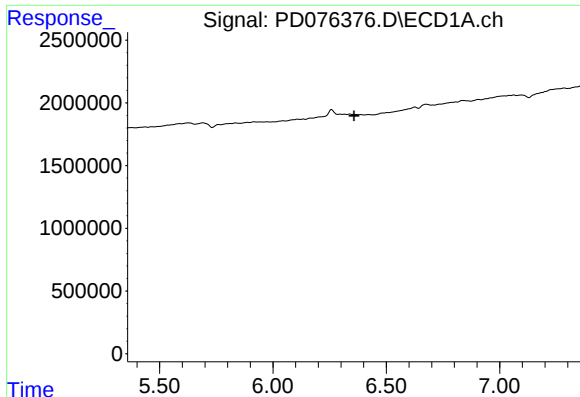
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.204 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

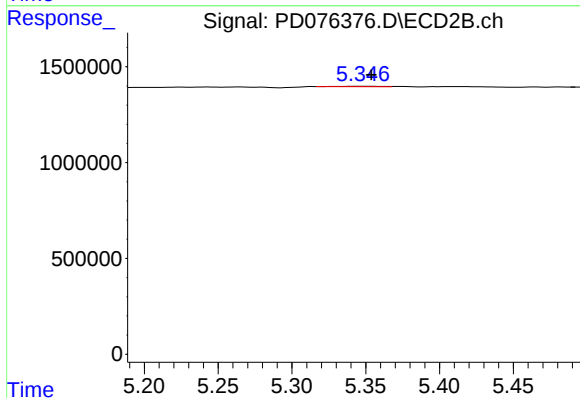
R.T.: 5.224 min  
Delta R.T.: 0.001 min  
Response: 12986  
Conc: 0.01 ng/ml



#13 Dieldrin

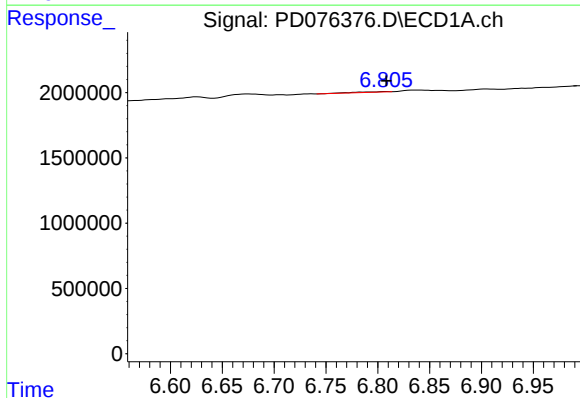
R.T.: 0.000 min  
Exp R.T.: 6.359 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



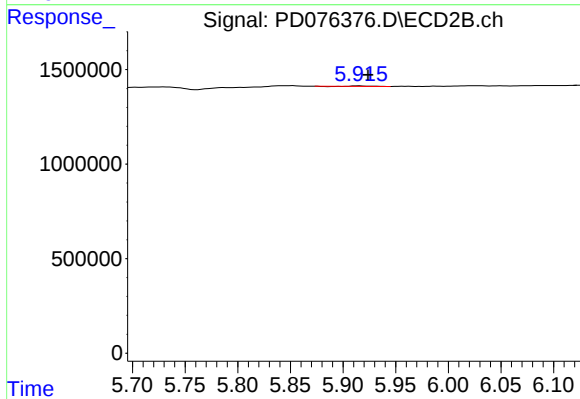
#13 Dieldrin

R.T.: 5.348 min  
Delta R.T.: -0.006 min  
Response: 38373  
Conc: 0.02 ng/ml



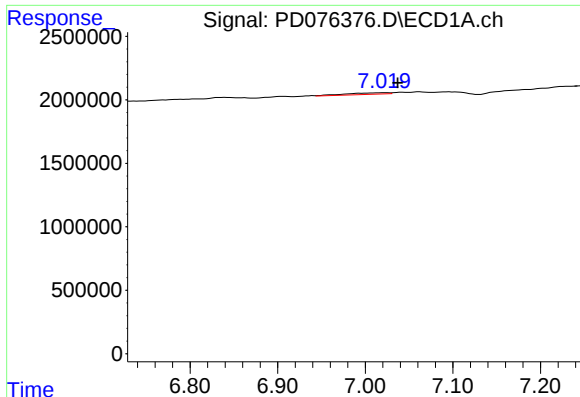
#15 Endosulfan II

R.T.: 6.807 min  
Delta R.T.: -0.001 min  
Response: 82118  
Conc: 0.02 ng/ml



#15 Endosulfan II

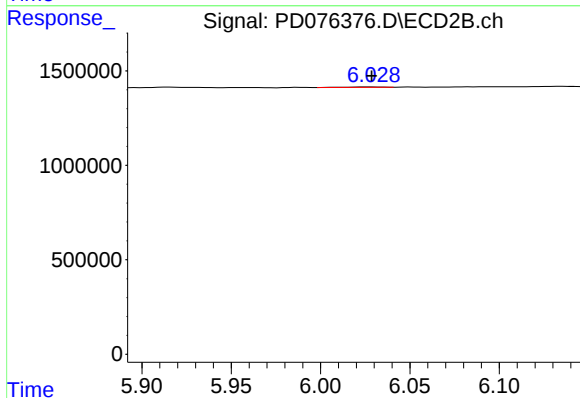
R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 26193  
Conc: 0.02 ng/ml



#17 4,4'-DDT

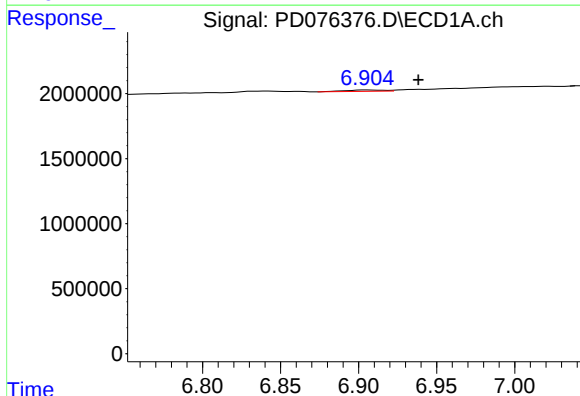
R.T.: 7.021 min  
Delta R.T.: -0.016 min  
Response: 403948  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



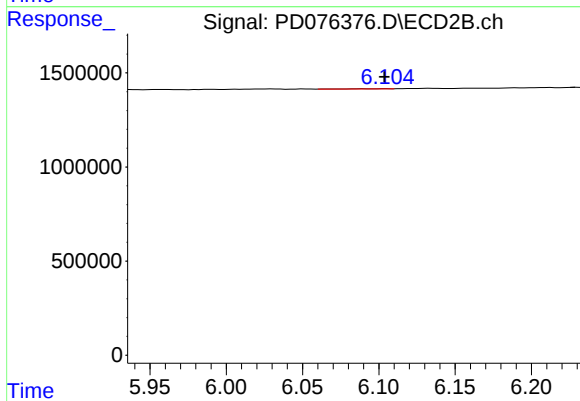
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 40336  
Conc: 0.03 ng/ml



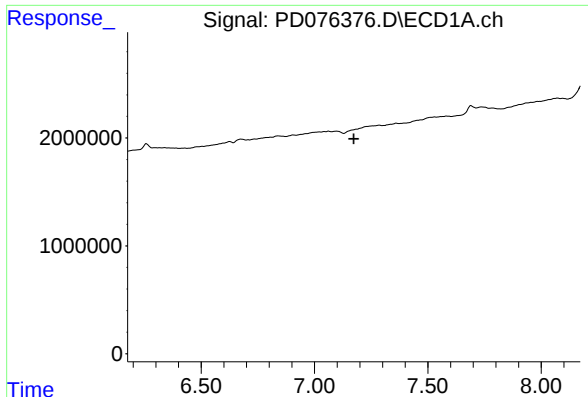
#18 Endrin aldehyde

R.T.: 6.905 min  
Delta R.T.: -0.033 min  
Response: 169325  
Conc: 0.06 ng/ml



#18 Endrin aldehyde

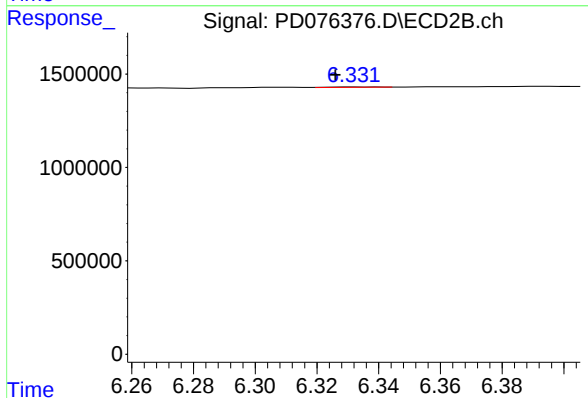
R.T.: 6.105 min  
Delta R.T.: 0.002 min  
Response: 15153  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

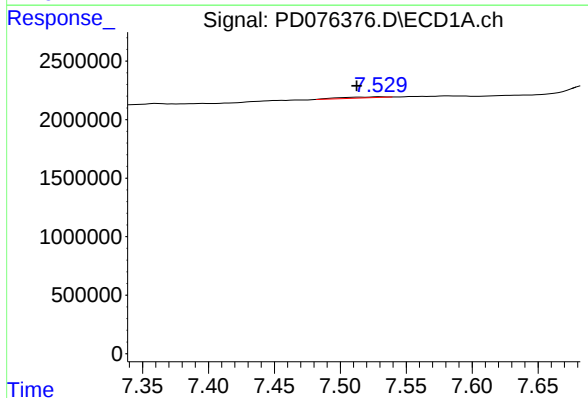
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



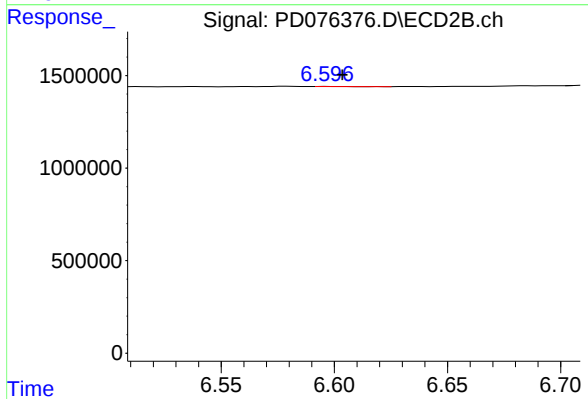
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: 0.006 min  
Response: 17686  
Conc: 0.01 ng/ml



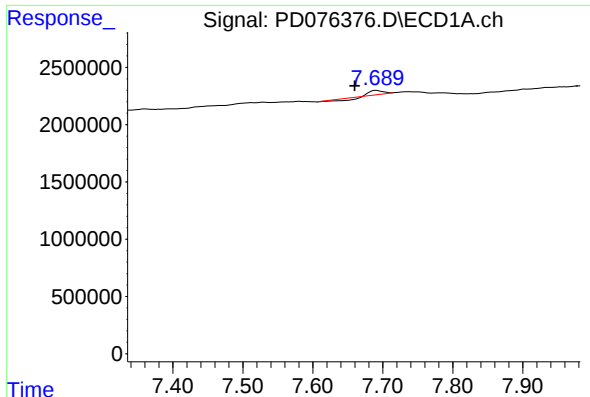
#20 Methoxychlor

R.T.: 7.530 min  
Delta R.T.: 0.017 min  
Response: 203579  
Conc: 0.11 ng/ml



#20 Methoxychlor

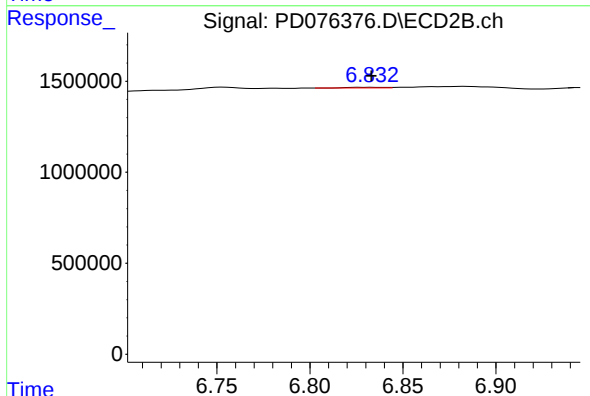
R.T.: 6.597 min  
Delta R.T.: -0.007 min  
Response: 5932  
Conc: 0.01 ng/ml



#21 Endrin ketone

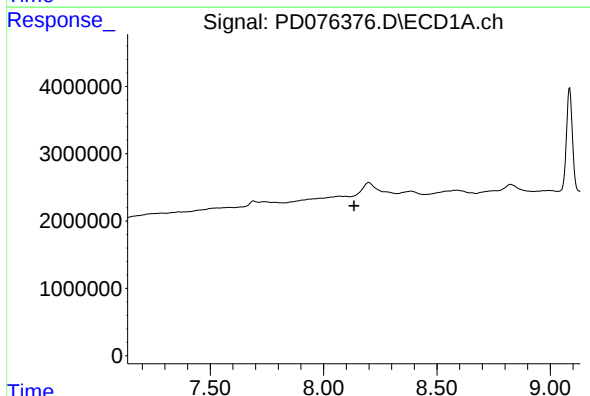
R.T.: 7.690 min  
Delta R.T.: 0.031 min  
Response: 97694  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



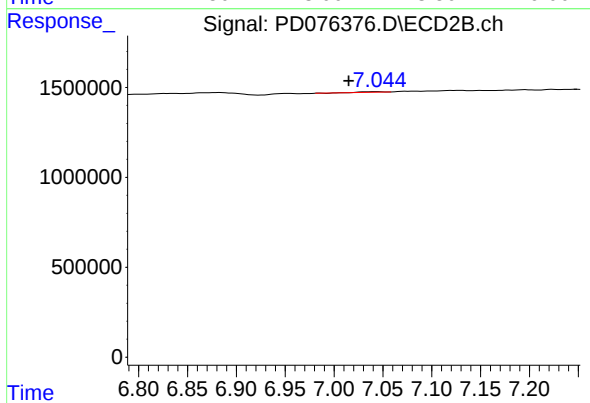
#21 Endrin ketone

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 49585  
Conc: 0.03 ng/ml



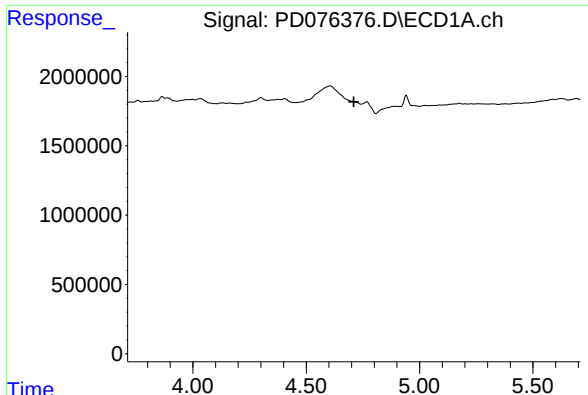
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.134 min  
Response: 0  
Conc: N.D.



#22 Mirex

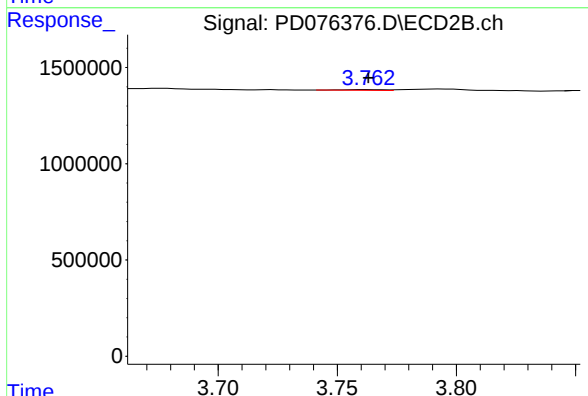
R.T.: 7.045 min  
Delta R.T.: 0.030 min  
Response: 40061  
Conc: 0.03 ng/ml



#23 Chlordane-1

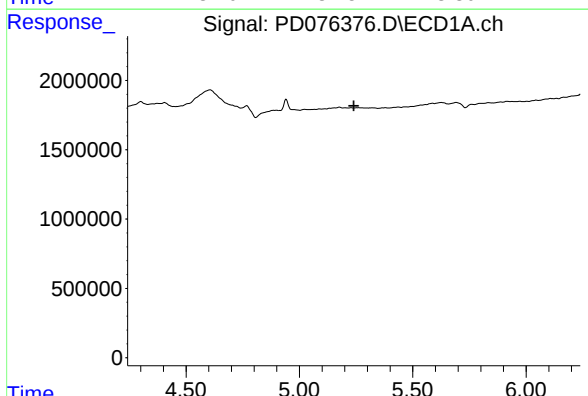
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



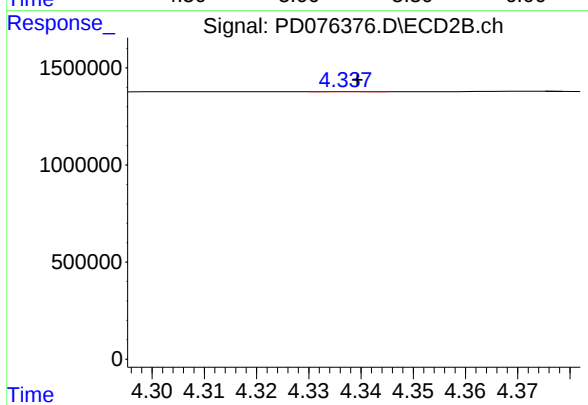
#23 Chlordane-1

R.T.: 3.763 min  
Delta R.T.: 0.000 min  
Response: 52925  
Conc: 1.20 ng/ml



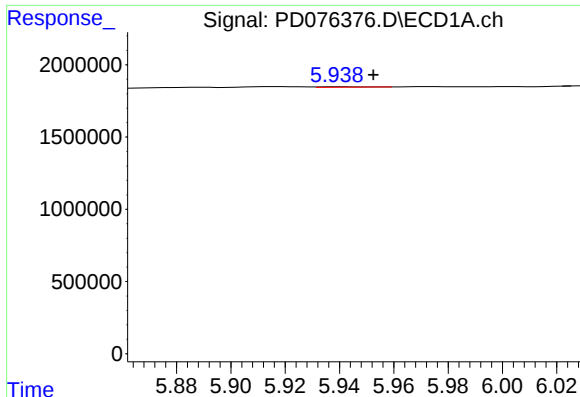
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.240 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

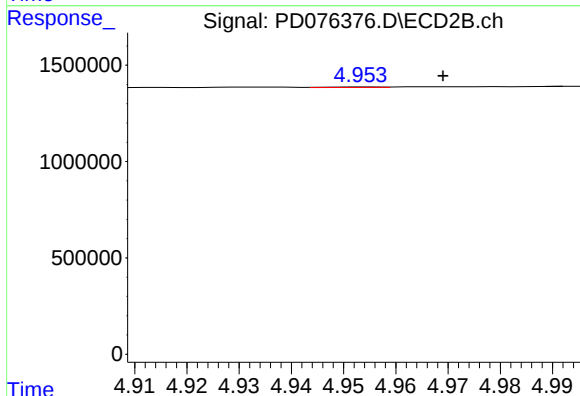
R.T.: 4.338 min  
Delta R.T.: -0.001 min  
Response: 3313  
Conc: 0.07 ng/ml



#25 Chlordane-3

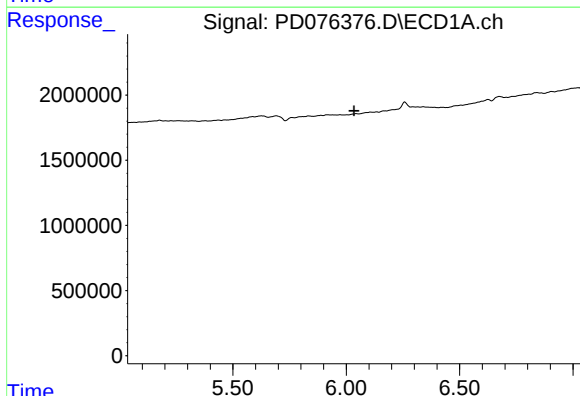
R.T.: 5.939 min  
Delta R.T.: -0.013 min  
Response: 35213  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



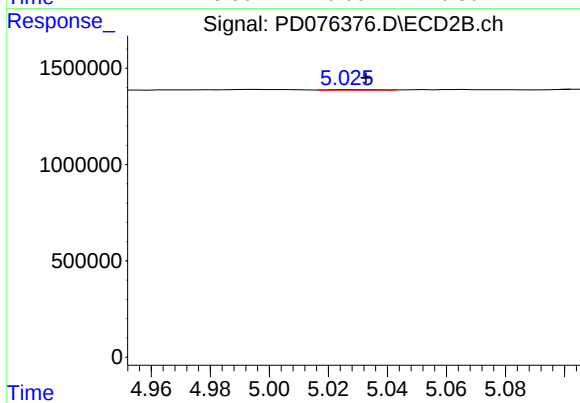
#25 Chlordane-3

R.T.: 4.955 min  
Delta R.T.: -0.014 min  
Response: 18172  
Conc: 0.13 ng/ml



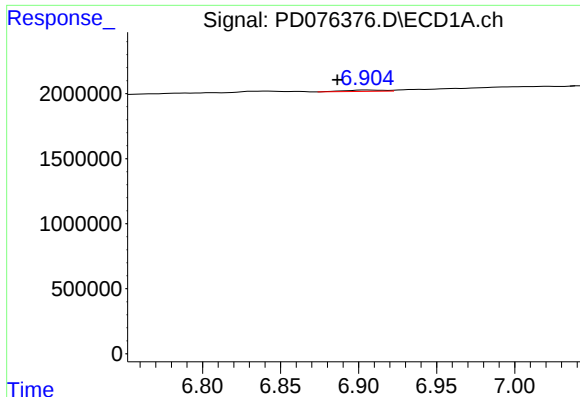
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

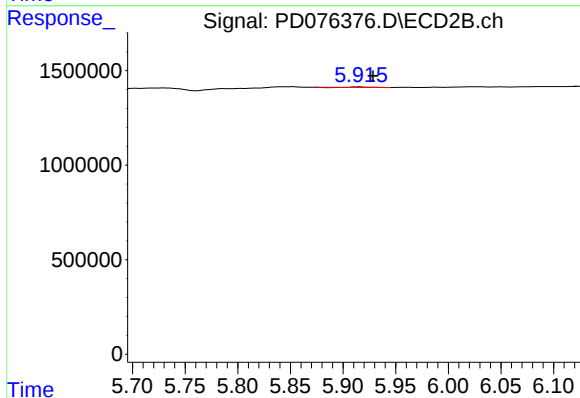
R.T.: 5.027 min  
Delta R.T.: -0.006 min  
Response: 36518  
Conc: 0.26 ng/ml



#27 Chlordane-5

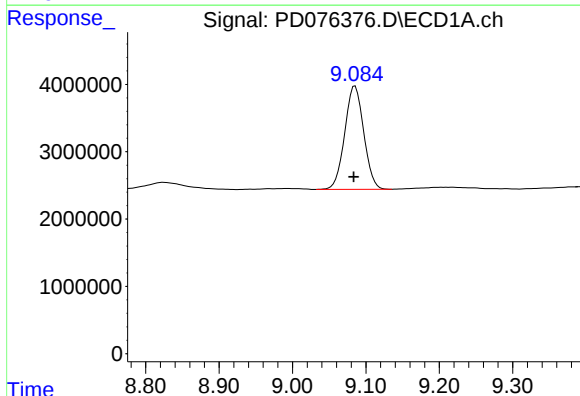
R.T.: 6.905 min  
Delta R.T.: 0.019 min  
Response: 169325  
Conc: 1.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BERGENFIELD-COMP



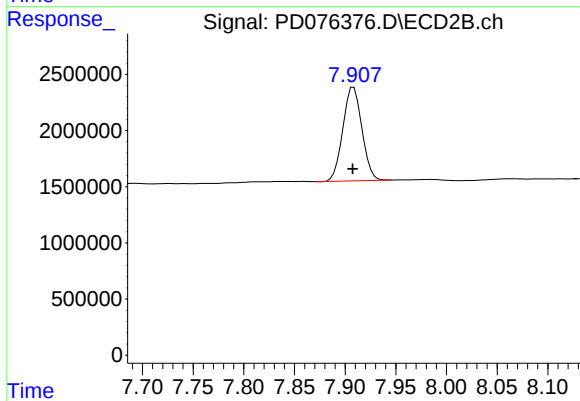
#27 Chlordane-5

R.T.: 5.916 min  
Delta R.T.: -0.013 min  
Response: 26193  
Conc: 0.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.002 min  
Response: 27615760  
Conc: 7.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.000 min  
Response: 10890757  
Conc: 8.65 ng/ml