

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
 Data File : PD076550.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2023 05:15  
 Operator : AR\AJ  
 Sample : 03541-02  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 06:25:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 01:40:01 2023  
 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... | 3.545  | 2.766  | 49552681 | 24477277 | 22.647 | 22.231  |
| 28)                         | SA Decachlor... | 9.086  | 7.907  | 54863232 | 23361862 | 21.711 | 22.573  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.023f | 3.285f | 425025   | 384688   | 0.111  | 0.233 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.615f | 0        | 276997   | N.D.   | 0.173 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.931  | 0        | 71084    | N.D.   | 0.046 # |
| 5)                          | MB Aldrin       | 5.243f | 4.230  | 183872   | 108923   | 0.049  | 0.069 # |
| 6)                          | B beta-BHC      | 0.000  | 3.901  | 0        | 114093   | N.D.   | 0.172 # |
| 7)                          | B delta-BHC     | 4.770  | 4.120  | 3251849  | 25682    | 0.930  | 0.017 # |
| 8)                          | B Heptachlo...  | 5.690  | 4.713  | 3688709  | 16213    | 1.103  | 0.011 # |
| 9)                          | A Endosulfan I  | 6.085  | 5.079  | 180704   | 88497    | 0.059  | 0.067   |
| 10)                         | B gamma-Chl...  | 5.921f | 4.969  | 2190587  | 51388    | 0.667  | 0.036 # |
| 11)                         | B alpha-Chl...  | 6.028  | 5.035  | 626552   | 346473   | 0.189  | 0.245 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.231  | 0        | 167463   | N.D.   | 0.139 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.366  | 0        | 24804    | N.D.   | 0.017 # |
| 14)                         | MA Endrin       | 0.000  | 5.649f | 0        | 463603   | N.D.   | 0.372 # |
| 15)                         | B Endosulfa...  | 6.783f | 5.952f | 786977   | 88814    | 0.277  | 0.073 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.041  | 0        | 57829    | N.D.   | 0.062 # |
| 18)                         | B Endrin al...  | 0.000  | 6.103  | 0        | 143562   | N.D.   | 0.148 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.316  | 0        | 579147   | N.D.   | 0.501 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.631f | 0        | 6701     | N.D.   | 0.012 # |
| 21)                         | B Endrin ke...  | 7.690f | 6.837  | 454776   | 2433     | 0.152  | 0.002 # |
| 22)                         | Mirex           | 8.165f | 0.000  | 349050   | 0        | 0.158  | N.D. #  |
| 23)                         | Chlordane-1     | 4.700  | 3.736f | 740116   | 14524    | 0.683  | 0.036 # |
| 24)                         | Chlordane-2     | 5.243  | 4.327  | 183872   | 180603   | 0.178  | 0.457 # |
| 25)                         | Chlordane-3     | 0.000  | 4.969  | 0        | 51388    | N.D.   | 0.038 # |
| 26)                         | Chlordane-4     | 6.028  | 5.035  | 626552   | 346473   | 0.112  | 0.265 # |
| 27)                         | Chlordane-5     | 0.000  | 5.952f | 0        | 88814    | N.D.   | 0.186 # |
| -----                       |                 |        |        |          |          |        |         |

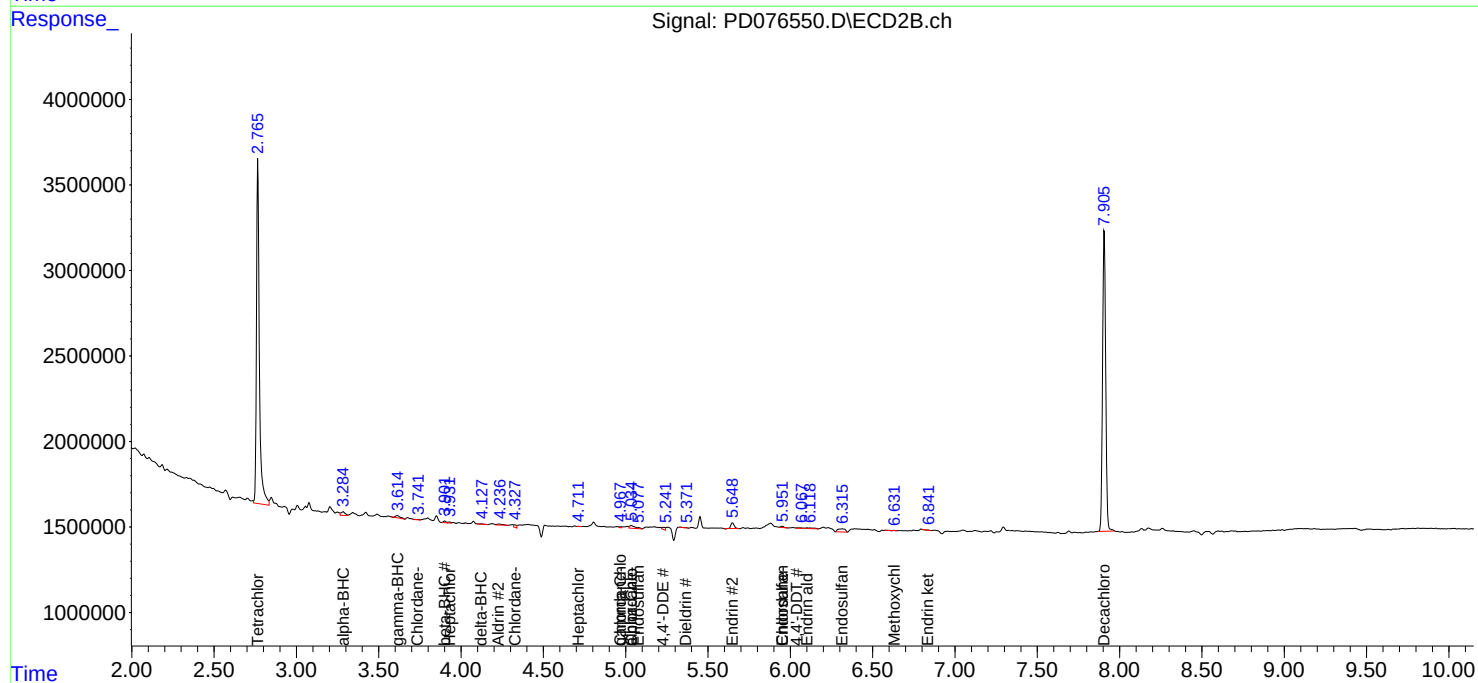
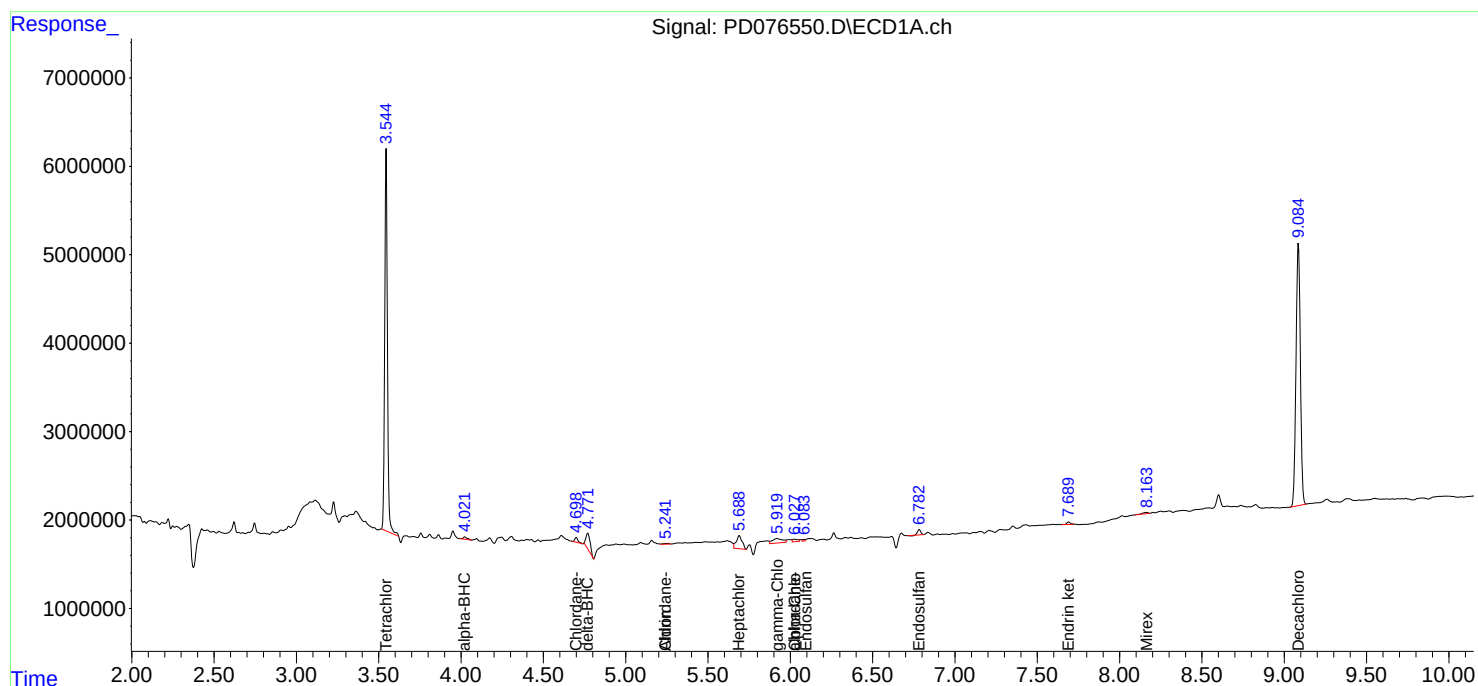
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

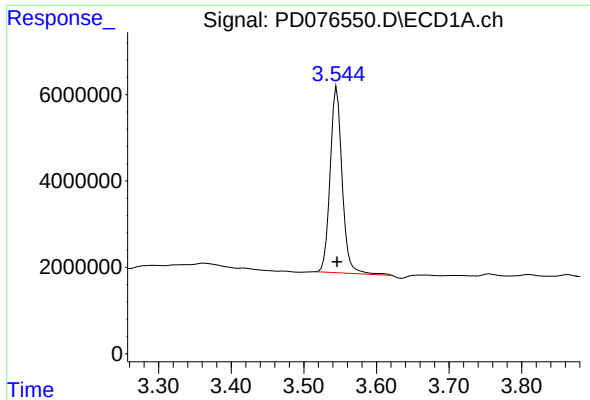
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
Data File : PD076550.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jul 2023 05:15  
Operator : AR\AJ  
Sample : 03541-02  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 06:25:09 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 01:40:01 2023  
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

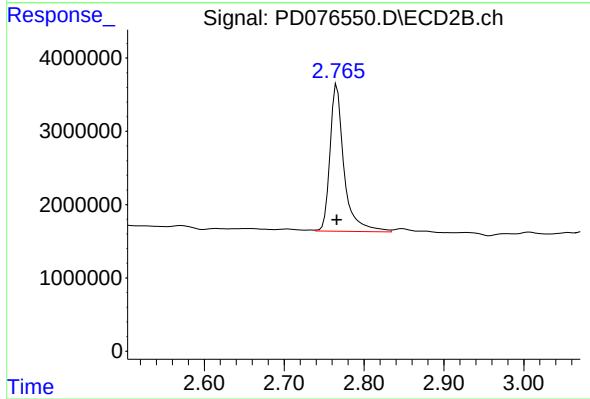




#1 Tetrachloro-m-xylene

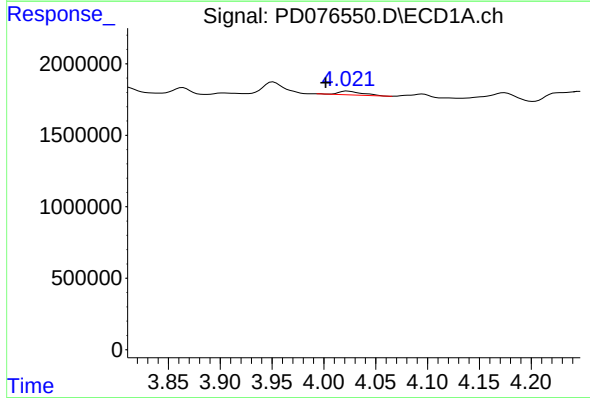
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 49552681  
Conc: 22.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



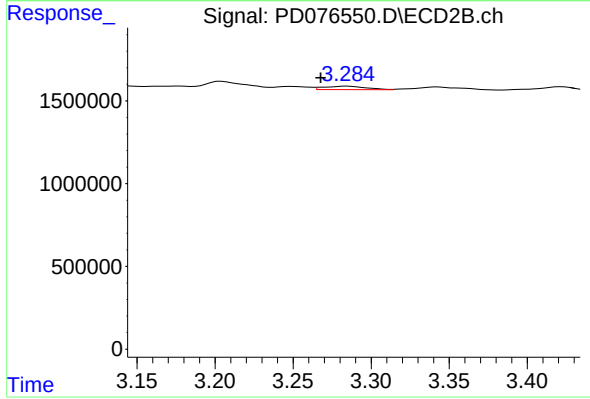
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 24477277  
Conc: 22.23 ng/ml



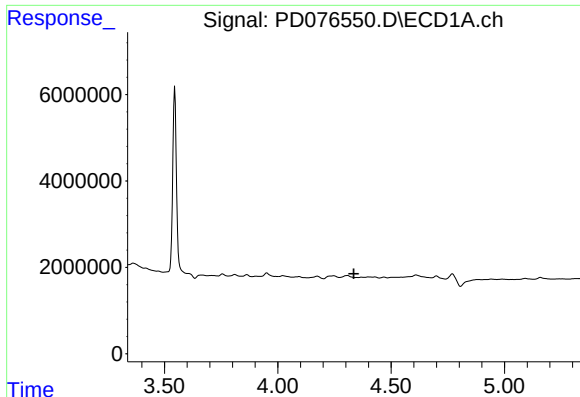
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.021 min  
Response: 425025  
Conc: 0.11 ng/ml



#2 alpha-BHC

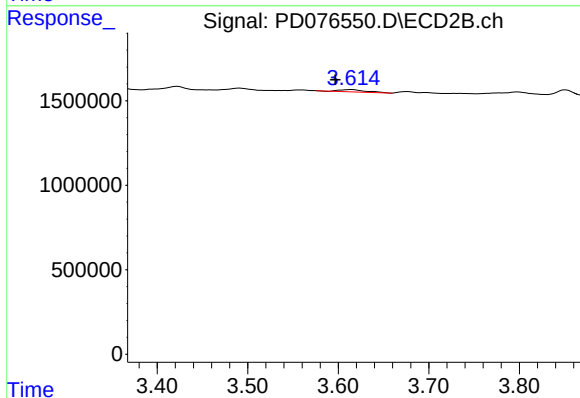
R.T.: 3.285 min  
Delta R.T.: 0.017 min  
Response: 384688  
Conc: 0.23 ng/ml



#3 gamma-BHC (Lindane)

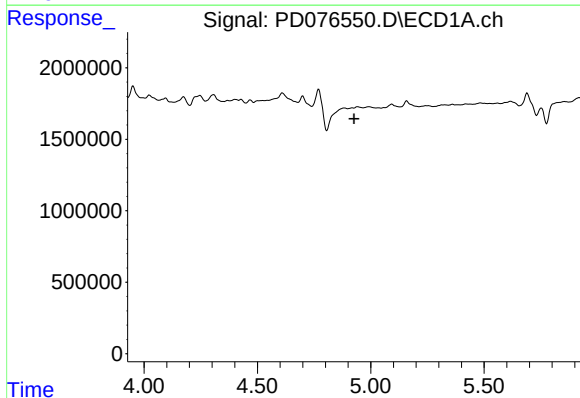
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



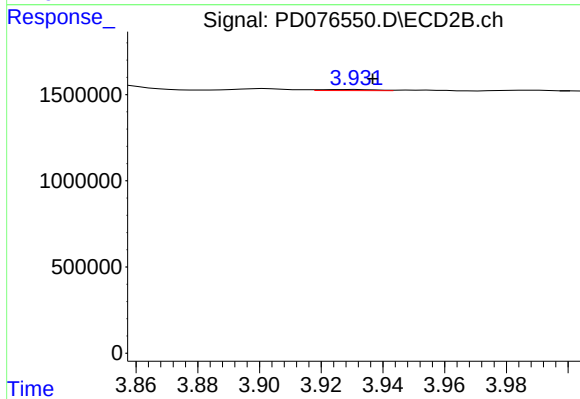
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: 0.018 min  
Response: 276997  
Conc: 0.17 ng/ml



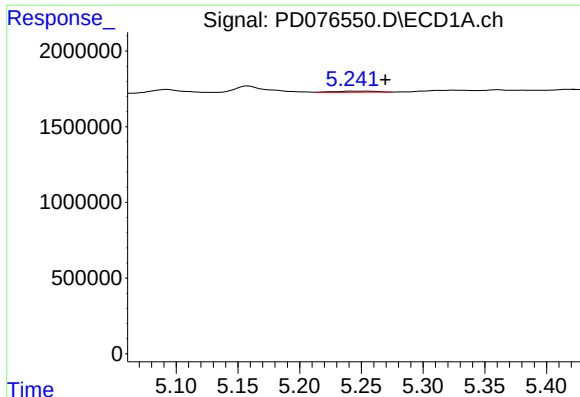
#4 Heptachlor

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



#4 Heptachlor

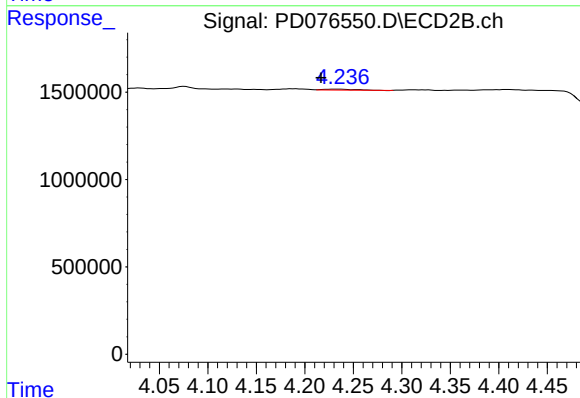
R.T.: 3.931 min  
Delta R.T.: -0.005 min  
Response: 71084  
Conc: 0.05 ng/ml



#5 Aldrin

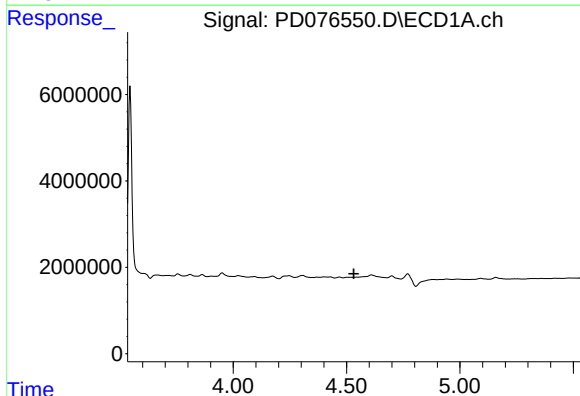
R.T.: 5.243 min  
Delta R.T.: -0.027 min  
Response: 183872  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



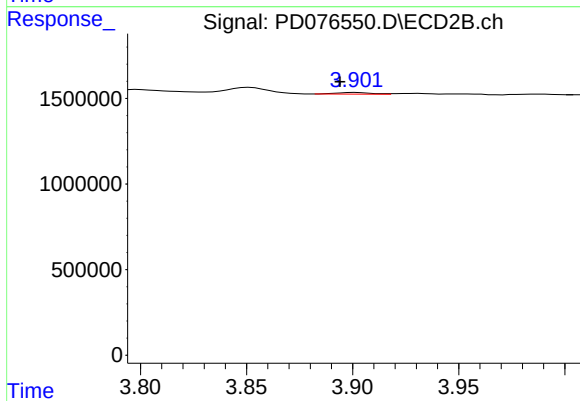
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.013 min  
Response: 108923  
Conc: 0.07 ng/ml



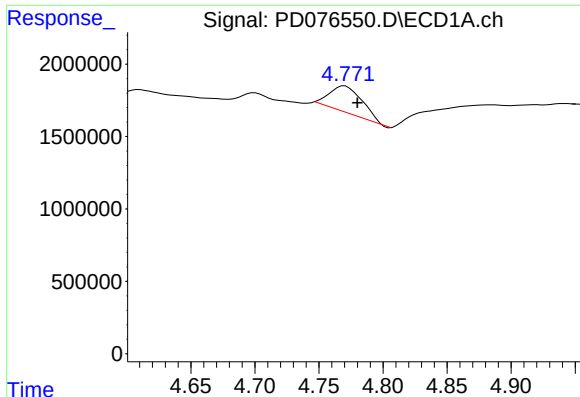
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

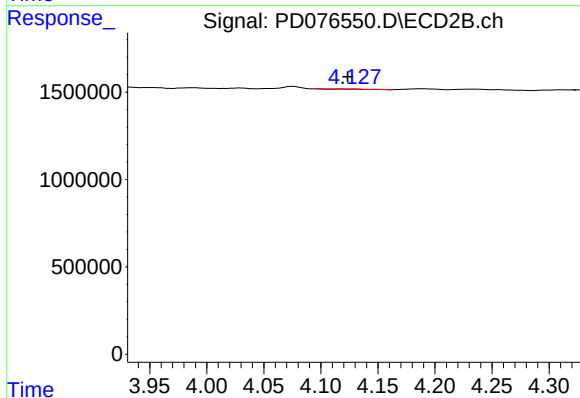
R.T.: 3.901 min  
Delta R.T.: 0.007 min  
Response: 114093  
Conc: 0.17 ng/ml



#7 delta-BHC

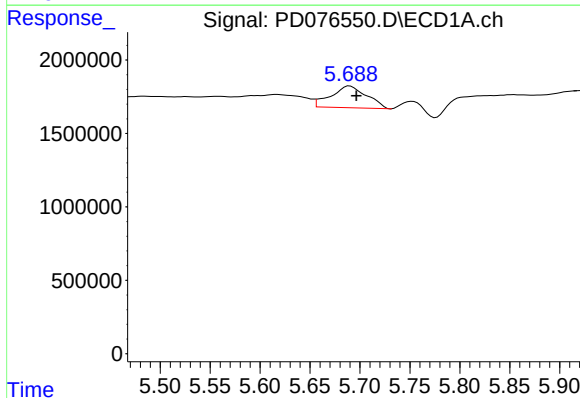
R.T.: 4.770 min  
Delta R.T.: -0.010 min  
Response: 3251849  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



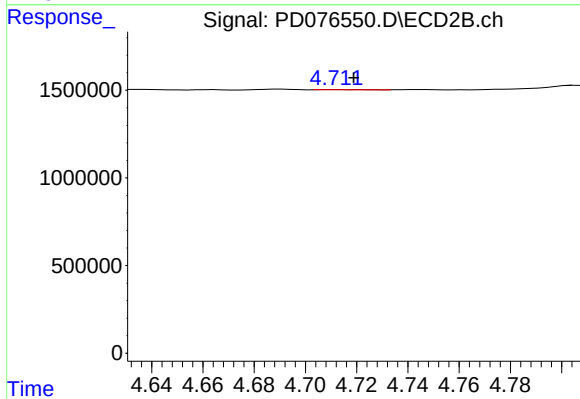
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: -0.003 min  
Response: 25682  
Conc: 0.02 ng/ml



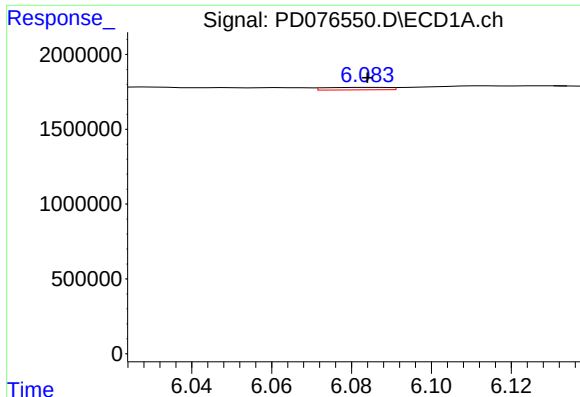
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.007 min  
Response: 3688709  
Conc: 1.10 ng/ml



#8 Heptachlor epoxide

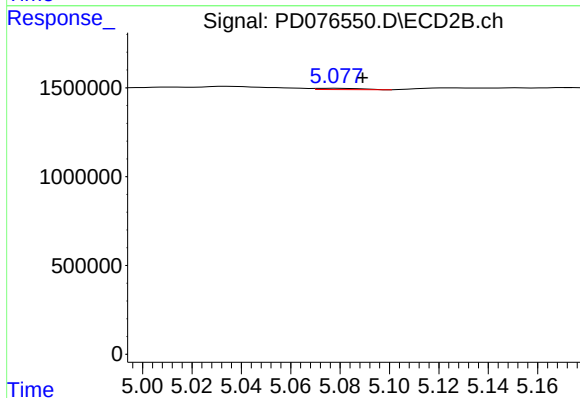
R.T.: 4.713 min  
Delta R.T.: -0.006 min  
Response: 16213  
Conc: 0.01 ng/ml



#9 Endosulfan I

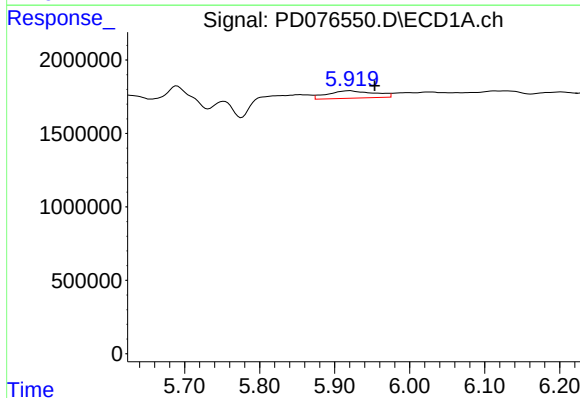
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 180704  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



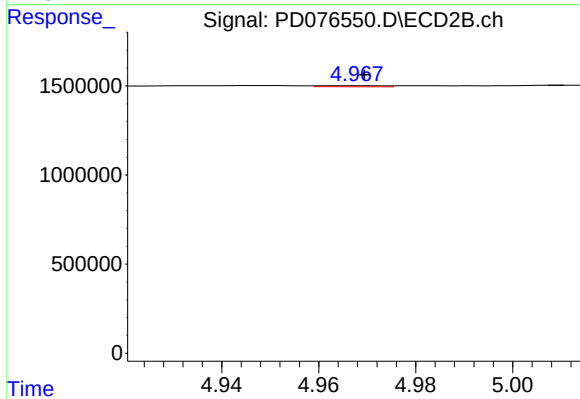
#9 Endosulfan I

R.T.: 5.079 min  
Delta R.T.: -0.011 min  
Response: 88497  
Conc: 0.07 ng/ml



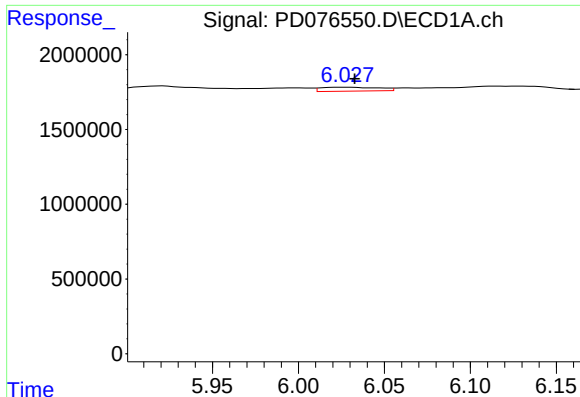
#10 gamma-Chlordane

R.T.: 5.921 min  
Delta R.T.: -0.033 min  
Response: 2190587  
Conc: 0.67 ng/ml



#10 gamma-Chlordane

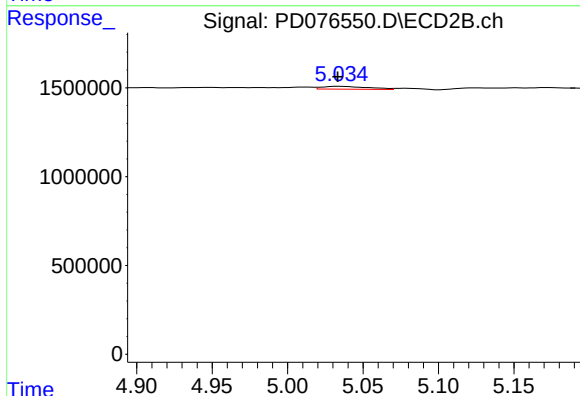
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 51388  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

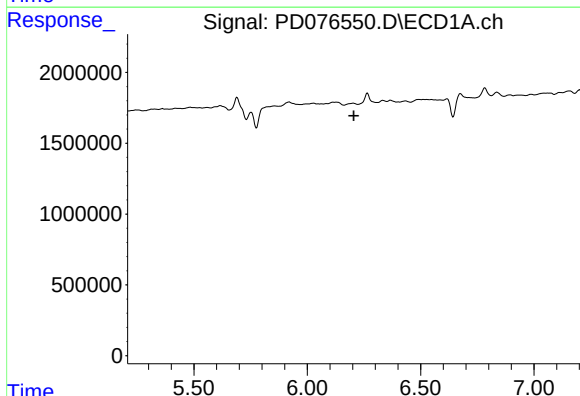
R.T.: 6.028 min  
Delta R.T.: -0.005 min  
Response: 626552  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



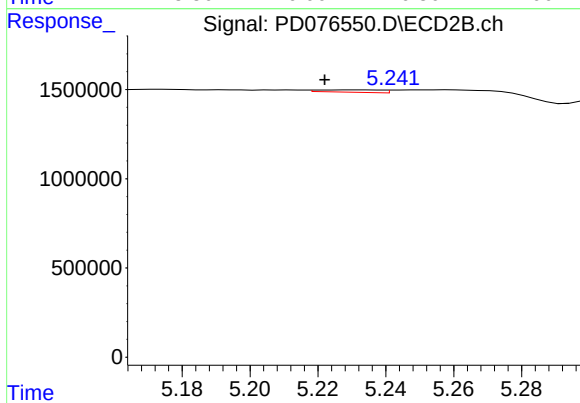
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: 0.001 min  
Response: 346473  
Conc: 0.24 ng/ml



#12 4,4'-DDE

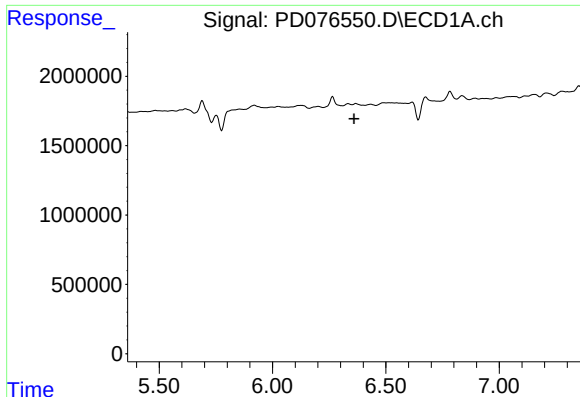
R.T.: 0.000 min  
Exp R.T. : 6.205 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: 0.009 min  
Response: 167463  
Conc: 0.14 ng/ml

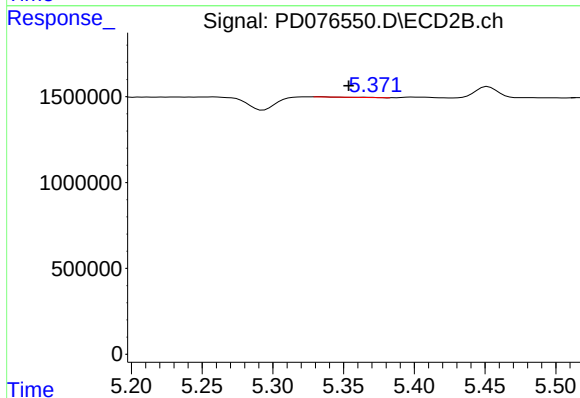




#13 Dieldrin

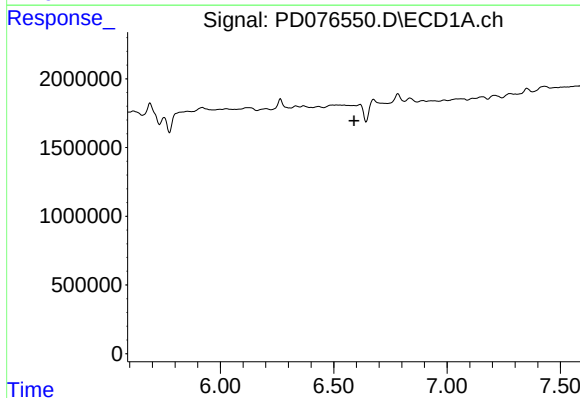
R.T.: 0.000 min  
Exp R.T.: 6.359 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



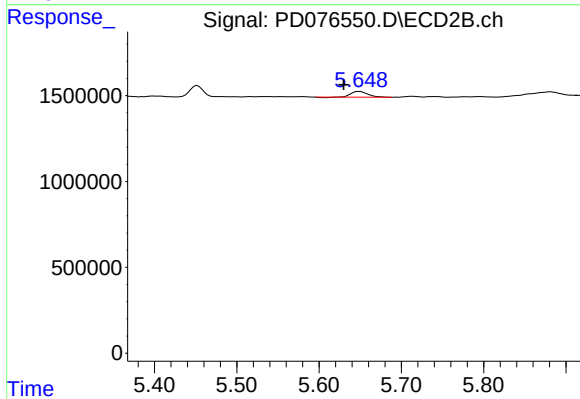
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: 0.013 min  
Response: 24804  
Conc: 0.02 ng/ml



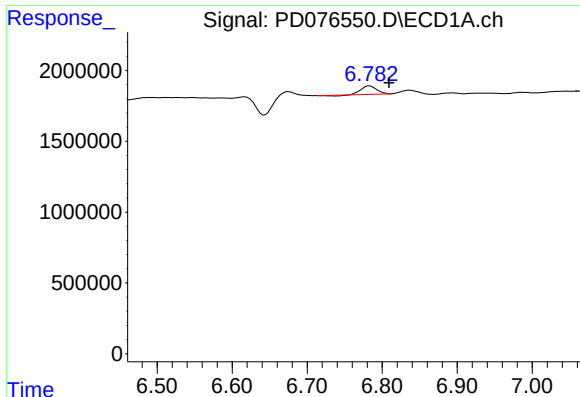
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.590 min  
Response: 0  
Conc: N.D.



#14 Endrin

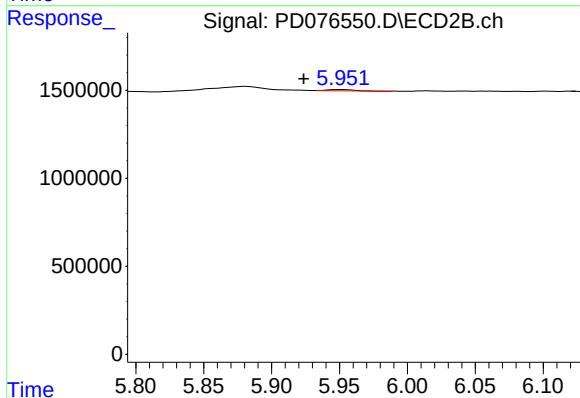
R.T.: 5.649 min  
Delta R.T.: 0.019 min  
Response: 463603  
Conc: 0.37 ng/ml



#15 Endosulfan II

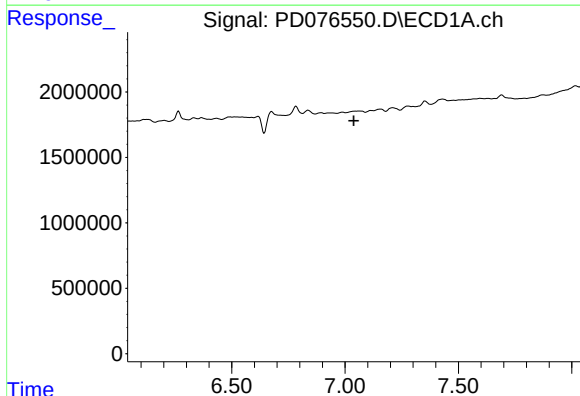
R.T.: 6.783 min  
Delta R.T.: -0.026 min  
Response: 786977  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



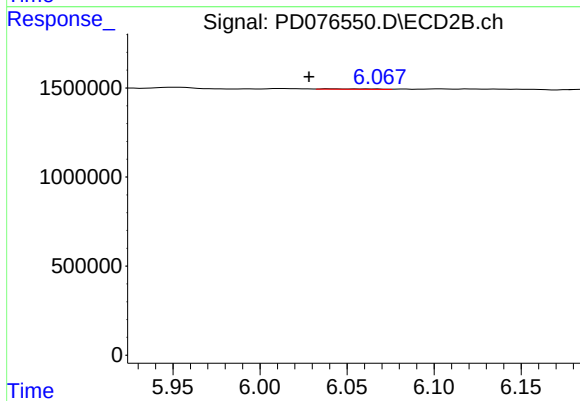
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.028 min  
Response: 88814  
Conc: 0.07 ng/ml



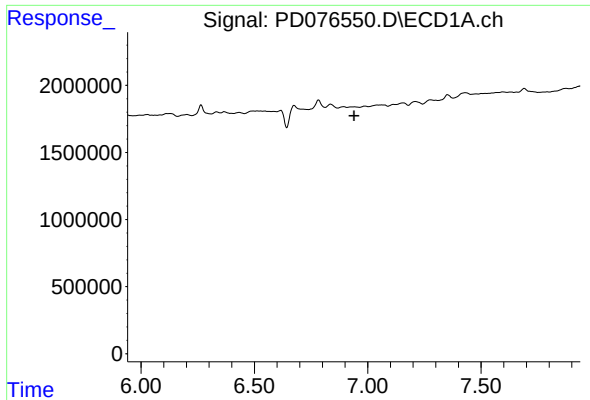
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.039 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

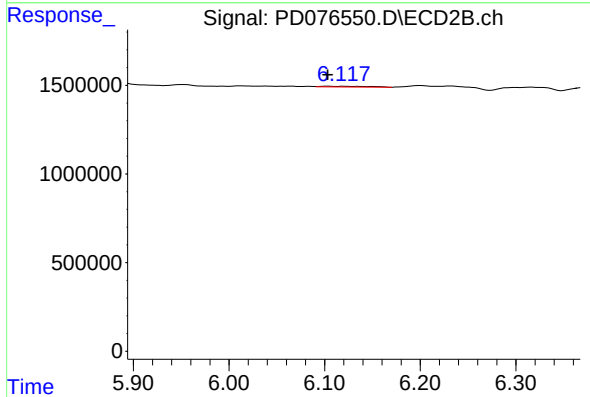
R.T.: 6.041 min  
Delta R.T.: 0.013 min  
Response: 57829  
Conc: 0.06 ng/ml



#18 Endrin aldehyde

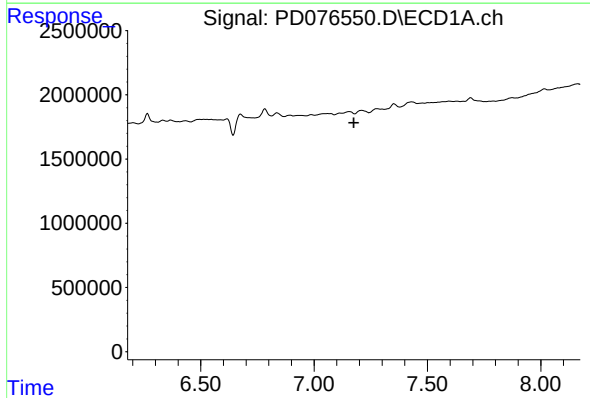
R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



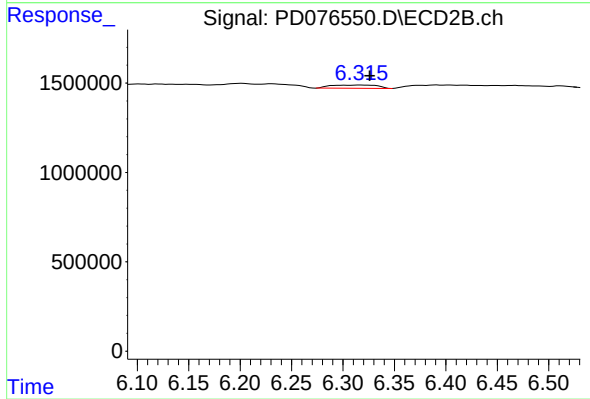
#18 Endrin aldehyde

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 143562  
Conc: 0.15 ng/ml



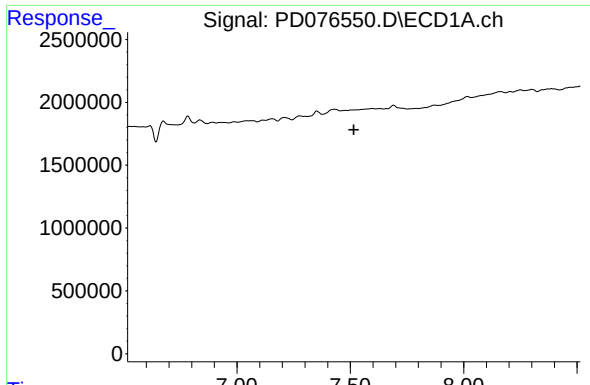
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.175 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

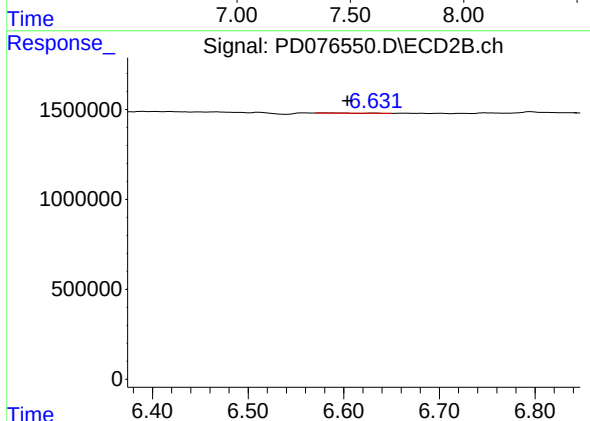
R.T.: 6.316 min  
Delta R.T.: -0.009 min  
Response: 579147  
Conc: 0.50 ng/ml



#20 Methoxychlor

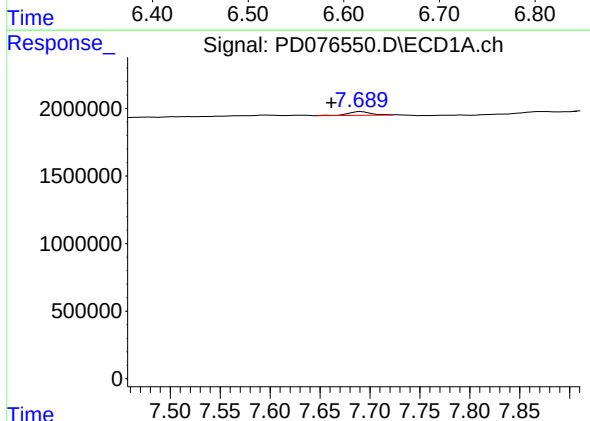
R.T.: 0.000 min  
Exp R.T.: 7.515 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



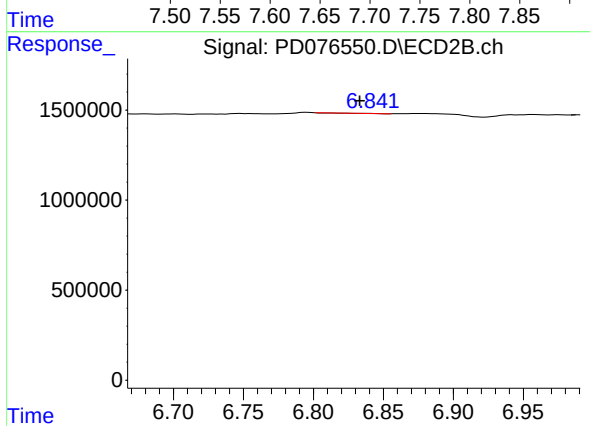
#20 Methoxychlor

R.T.: 6.631 min  
Delta R.T.: 0.027 min  
Response: 6701  
Conc: 0.01 ng/ml



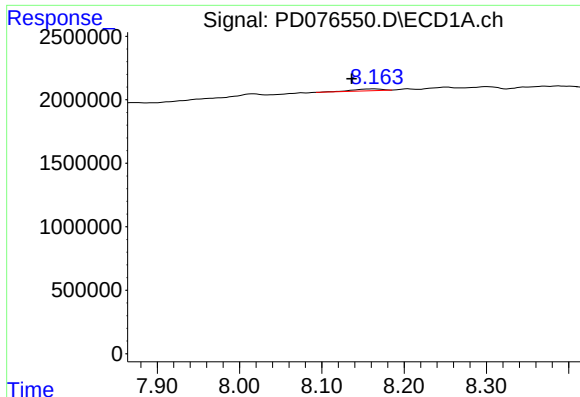
#21 Endrin ketone

R.T.: 7.690 min  
Delta R.T.: 0.029 min  
Response: 454776  
Conc: 0.15 ng/ml



#21 Endrin ketone

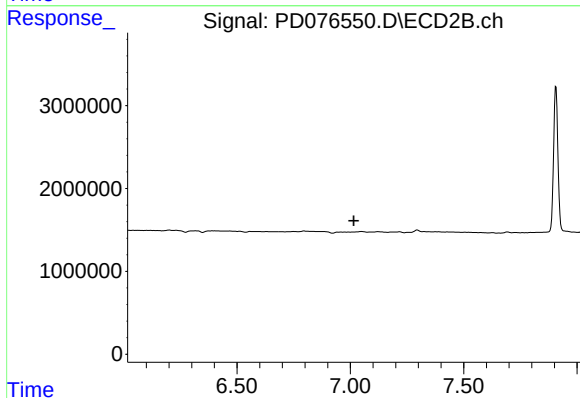
R.T.: 6.837 min  
Delta R.T.: 0.004 min  
Response: 2433  
Conc: 0.00 ng/ml



#22 Mirex

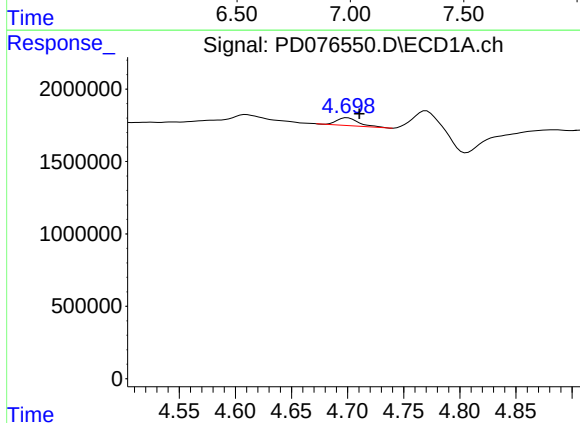
R.T.: 8.165 min  
Delta R.T.: 0.028 min  
Response: 349050  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



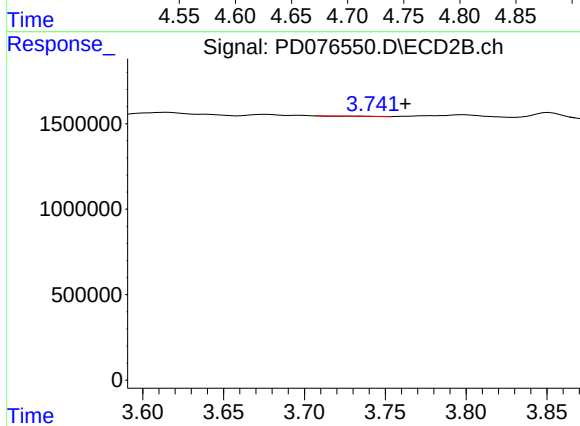
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.015 min  
Response: 0  
Conc: N.D.



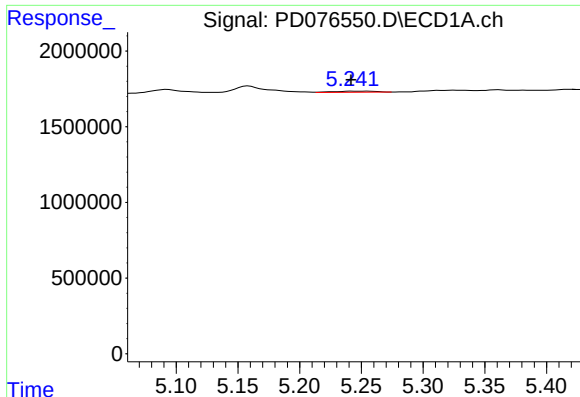
#23 Chlordane-1

R.T.: 4.700 min  
Delta R.T.: -0.011 min  
Response: 740116  
Conc: 0.68 ng/ml



#23 Chlordane-1

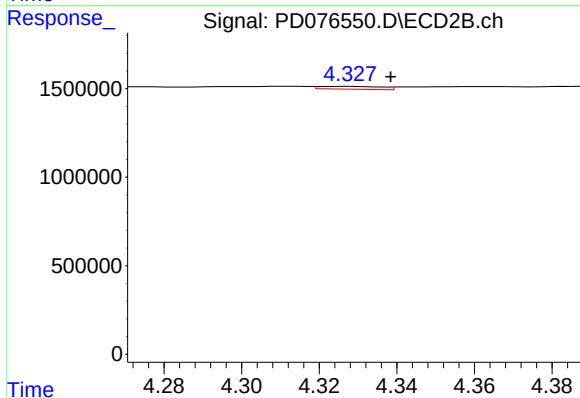
R.T.: 3.736 min  
Delta R.T.: -0.026 min  
Response: 14524  
Conc: 0.04 ng/ml



#24 Chlordane-2

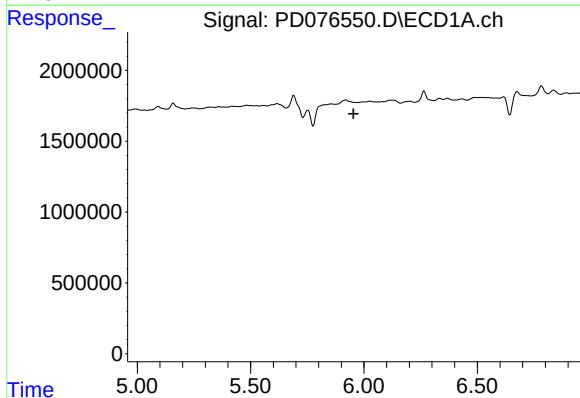
R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 183872  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



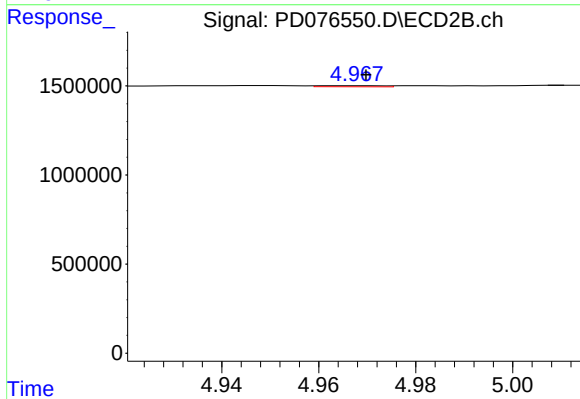
#24 Chlordane-2

R.T.: 4.327 min  
Delta R.T.: -0.012 min  
Response: 180603  
Conc: 0.46 ng/ml



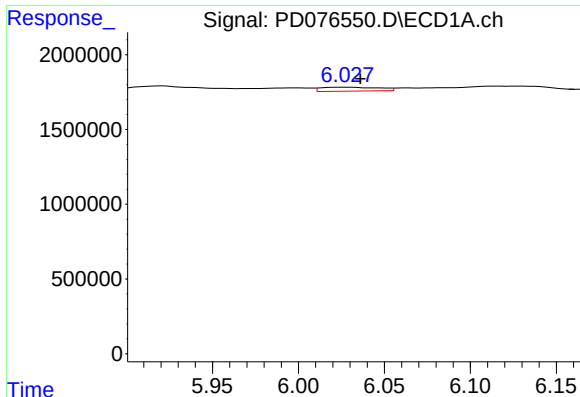
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.954 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

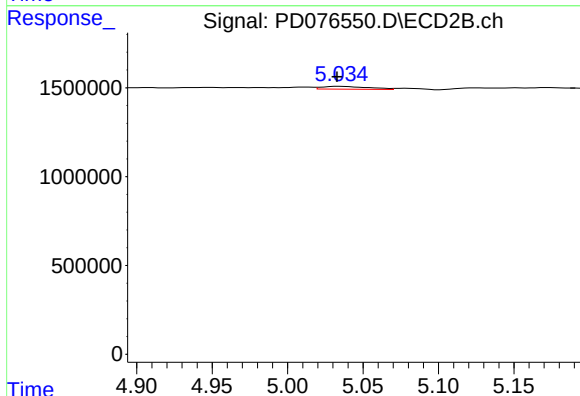
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 51388  
Conc: 0.04 ng/ml



#26 Chlordane-4

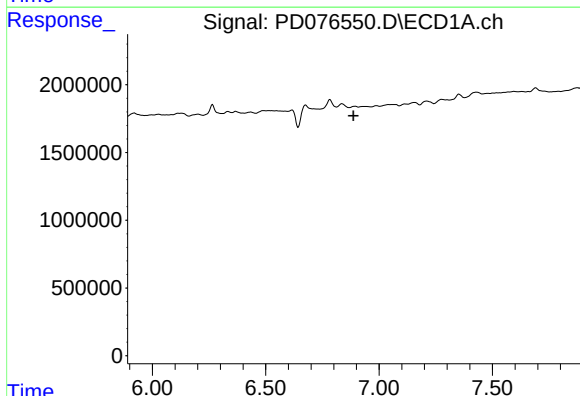
R.T.: 6.028 min  
Delta R.T.: -0.008 min  
Response: 626552  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



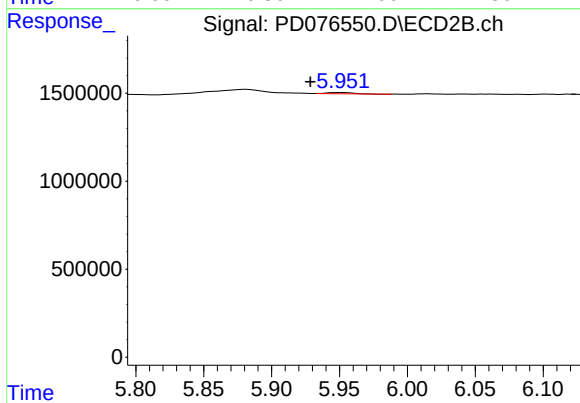
#26 Chlordane-4

R.T.: 5.035 min  
Delta R.T.: 0.002 min  
Response: 346473  
Conc: 0.27 ng/ml



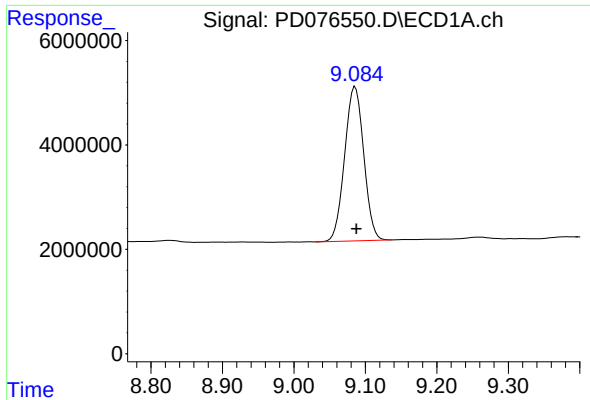
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.888 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

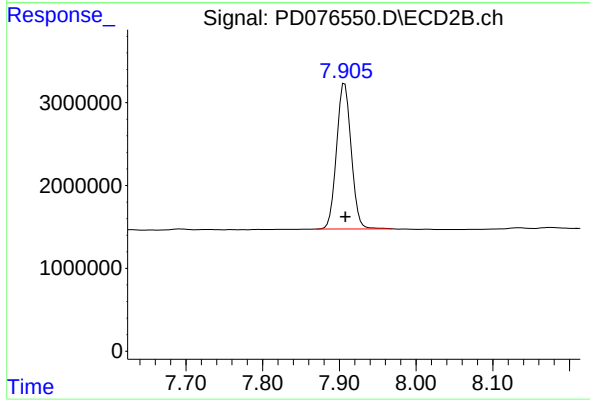
R.T.: 5.952 min  
Delta R.T.: 0.023 min  
Response: 88814  
Conc: 0.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: -0.001 min  
Response: 54863232  
Conc: 21.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 23361862  
Conc: 22.57 ng/ml