

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
 Data File : PD076474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 00:44  
 Operator : AR\AJ  
 Sample : PB153981TB  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 05:12:19 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... | 3.544  | 2.764  | 46144437 | 22925103 | 14.084 | 14.432  |
| 28)                         | SA Decachlor... | 9.086  | 7.908  | 54035556 | 23270547 | 15.198 | 18.490  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.280  | 0        | 52817    | N.D.   | 0.022 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.608  | 0        | 81344    | N.D.   | 0.037 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.928  | 0        | 10925    | N.D.   | 0.005 # |
| 5)                          | MB Aldrin       | 0.000  | 4.201f | 0        | 26039    | N.D.   | 0.012 # |
| 7)                          | B delta-BHC     | 4.772  | 4.123  | 5168878  | 23694    | 1.006  | 0.011 # |
| 8)                          | B Heptachlo...  | 5.690  | 4.711  | 3166725  | 38499    | 0.657  | 0.019 # |
| 9)                          | A Endosulfan I  | 6.107f | 5.079  | 566083   | 34743    | 0.127  | 0.019 # |
| 10)                         | B gamma-Chl...  | 5.923f | 4.964  | 916196   | 73882    | 0.188  | 0.037 # |
| 11)                         | B alpha-Chl...  | 6.019  | 5.034  | 275962   | 134735   | 0.057  | 0.068   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.211  | 0        | 58935    | N.D.   | 0.038 # |
| 13)                         | MA Dieldrin     | 6.369  | 5.367  | 227223   | 37270    | 0.049  | 0.019 # |
| 14)                         | MA Endrin       | 0.000  | 5.646f | 0        | 189390   | N.D.   | 0.107 # |
| 15)                         | B Endosulfa...  | 6.832f | 5.934  | 159941   | 4880     | 0.043  | 0.003 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.034  | 0        | 17106    | N.D.   | 0.014 # |
| 18)                         | B Endrin al...  | 0.000  | 6.093  | 0        | 22978    | N.D.   | 0.020 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.328  | 0        | 14217    | N.D.   | 0.009 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.590  | 0        | 13470    | N.D.   | 0.021 # |
| 21)                         | B Endrin ke...  | 7.689f | 6.824  | 454543   | -1231    | 0.109  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 7.009  | 0        | 15492    | N.D.   | 0.010 # |
| 23)                         | Chlordane-1     | 0.000  | 3.758  | 0        | 41235    | N.D.   | 0.932 # |
| 24)                         | Chlordane-2     | 0.000  | 4.315f | 0        | 169743   | N.D.   | 3.493 # |
| 25)                         | Chlordane-3     | 5.923f | 4.964  | 916196   | 73882    | 1.810  | 0.526 # |
| 26)                         | Chlordane-4     | 6.019f | 5.034  | 275962   | 134735   | 0.449  | 0.957 # |
| 27)                         | Chlordane-5     | 0.000  | 5.934  | 0        | 4880     | N.D.   | 0.105 # |
| -----                       |                 |        |        |          |          |        |         |

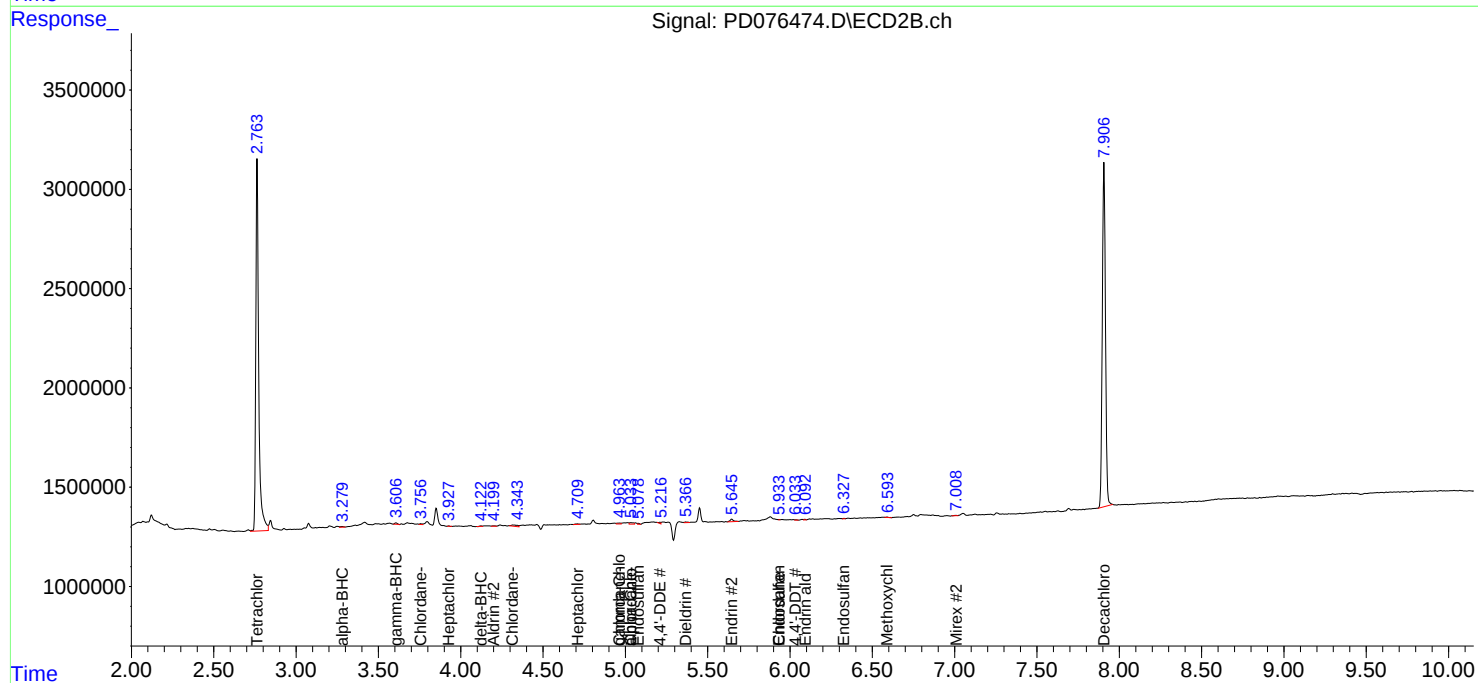
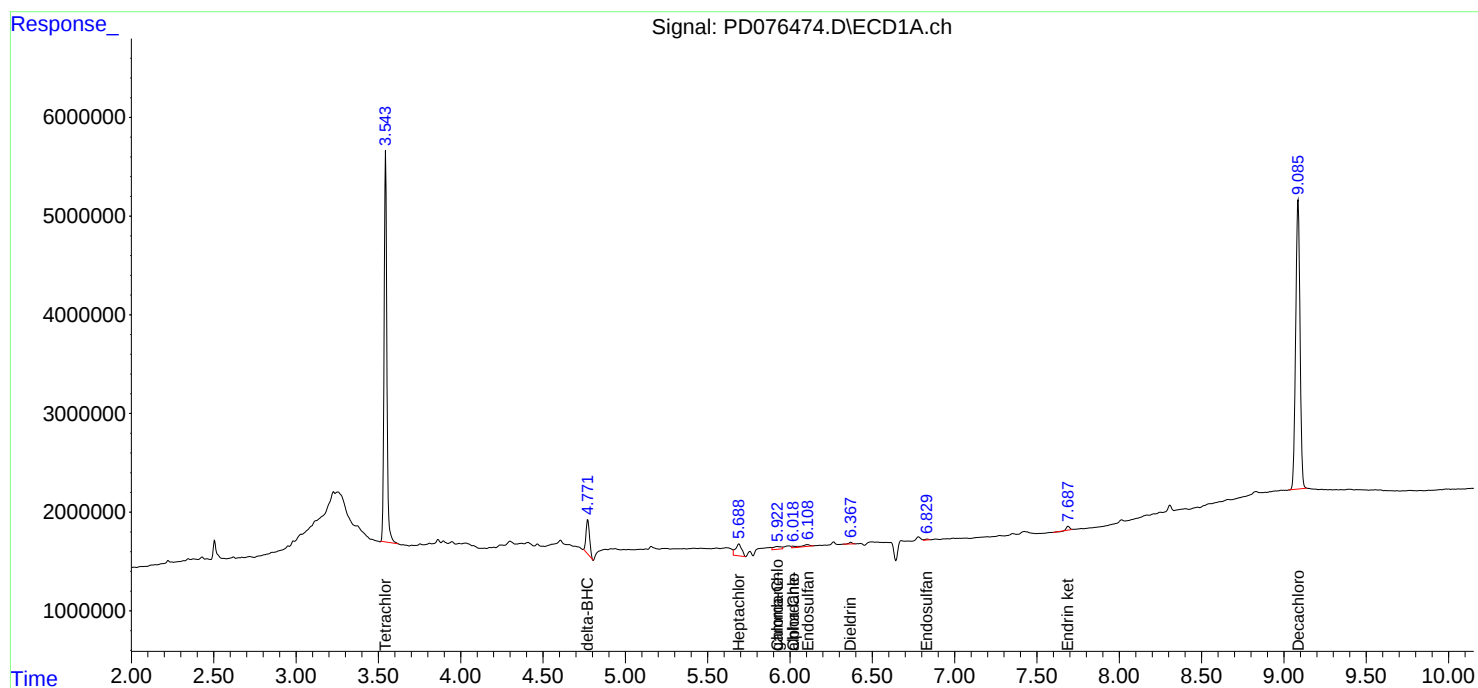
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

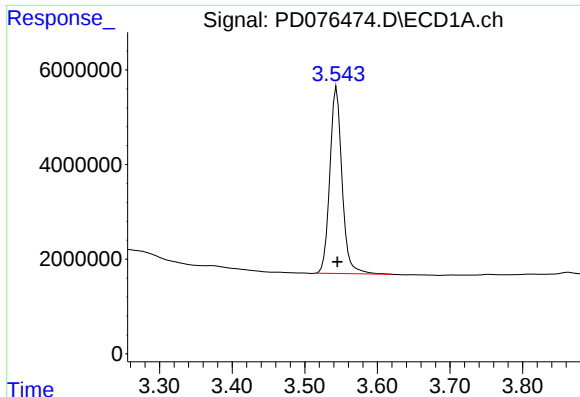
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
Data File : PD076474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2023 00:44  
Operator : AR\AJ  
Sample : PB153981TB  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 05:12:19 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

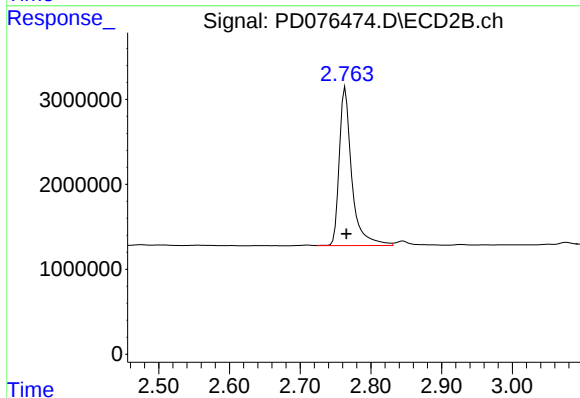




#1 Tetrachloro-m-xylene

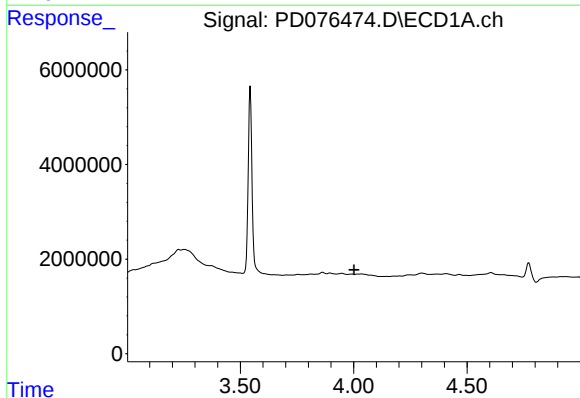
R.T.: 3.544 min  
Delta R.T.: -0.001 min  
Response: 46144437  
Conc: 14.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



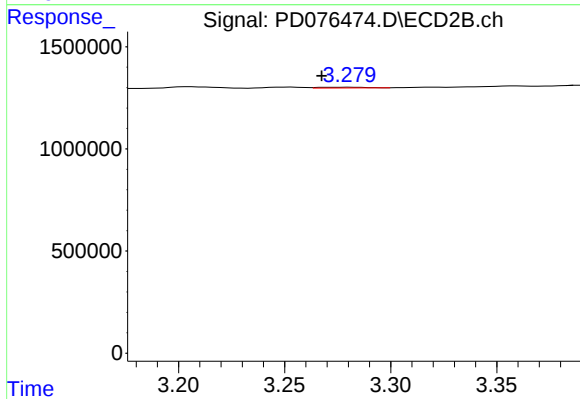
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: -0.001 min  
Response: 22925103  
Conc: 14.43 ng/ml



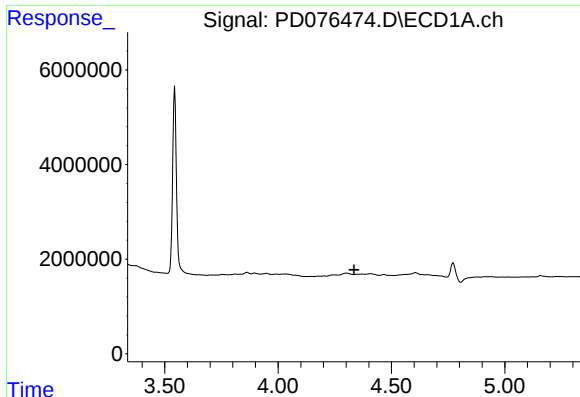
#2 alpha-BHC

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



#2 alpha-BHC

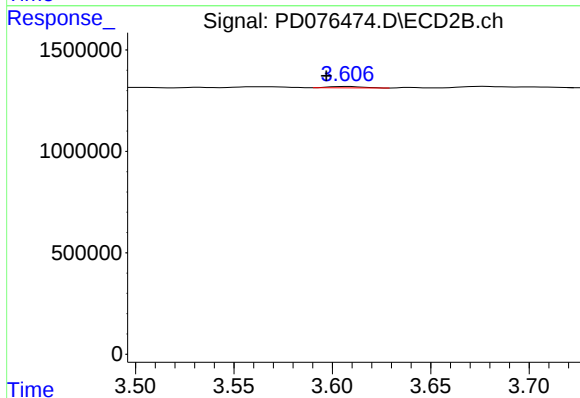
R.T.: 3.280 min  
Delta R.T.: 0.013 min  
Response: 52817  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

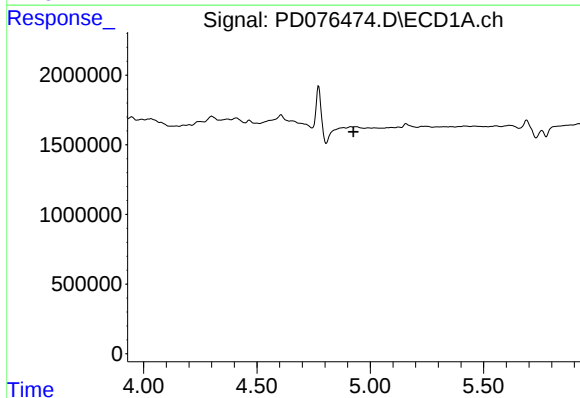
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



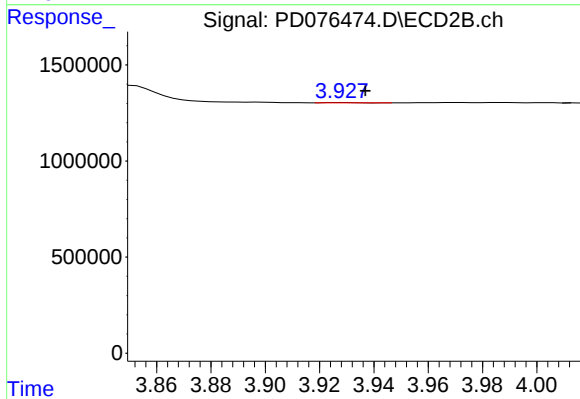
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.011 min  
Response: 81344  
Conc: 0.04 ng/ml



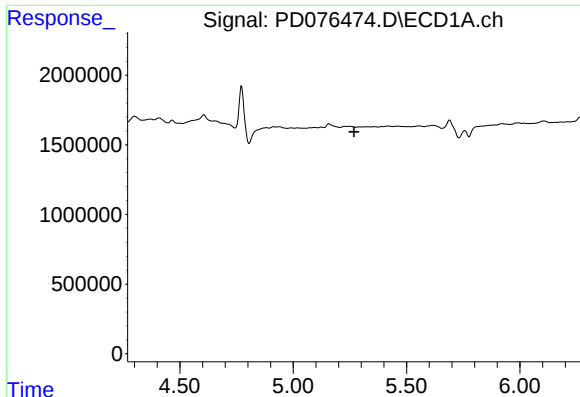
#4 Heptachlor

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



#4 Heptachlor

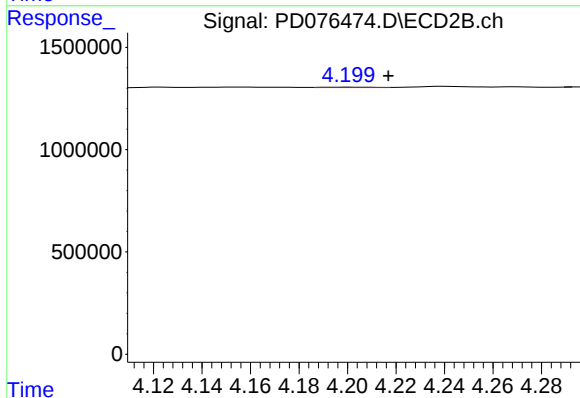
R.T.: 3.928 min  
Delta R.T.: -0.009 min  
Response: 10925  
Conc: 0.00 ng/ml



#5 Aldrin

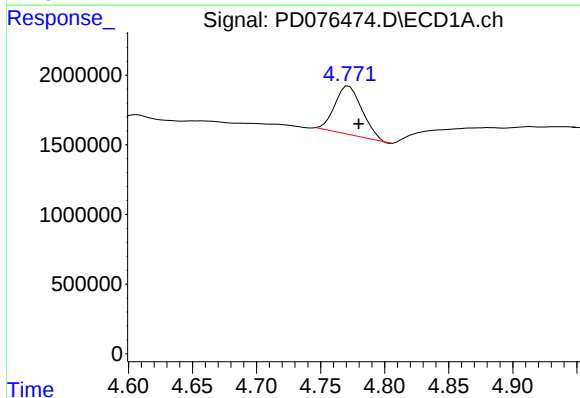
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



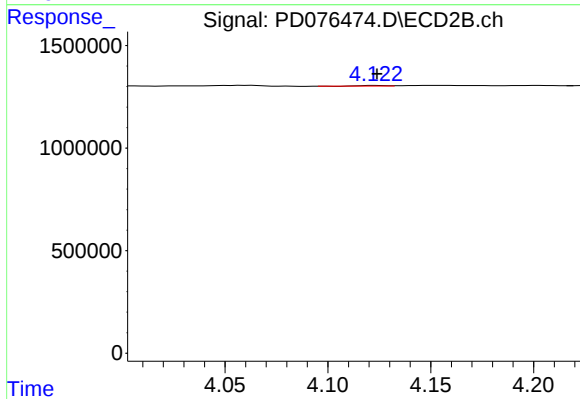
#5 Aldrin

R.T.: 4.201 min  
Delta R.T.: -0.016 min  
Response: 26039  
Conc: 0.01 ng/ml



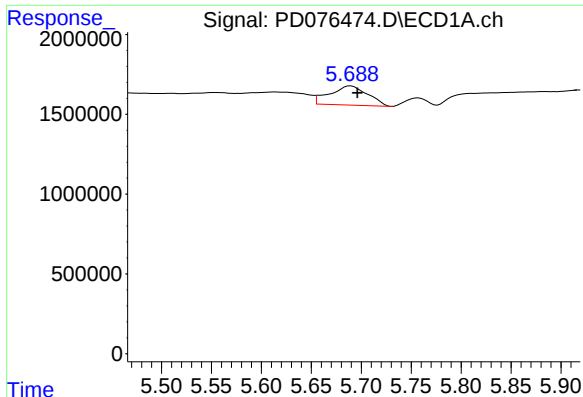
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.008 min  
Response: 5168878  
Conc: 1.01 ng/ml



#7 delta-BHC

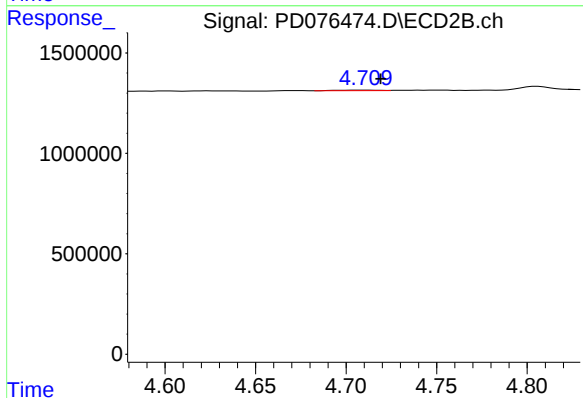
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 23694  
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

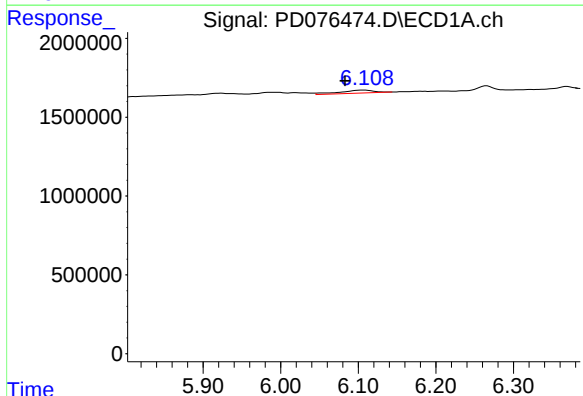
R.T.: 5.690 min  
Delta R.T.: -0.007 min  
Response: 3166725  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



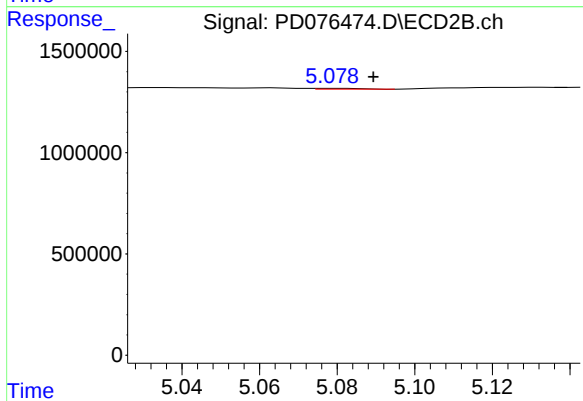
#8 Heptachlor epoxide

R.T.: 4.711 min  
Delta R.T.: -0.008 min  
Response: 38499  
Conc: 0.02 ng/ml



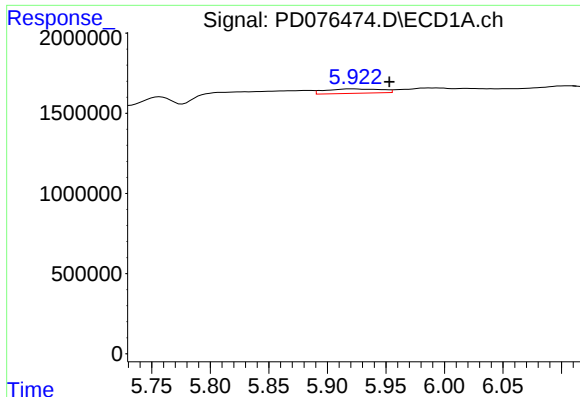
#9 Endosulfan I

R.T.: 6.107 min  
Delta R.T.: 0.024 min  
Response: 566083  
Conc: 0.13 ng/ml



#9 Endosulfan I

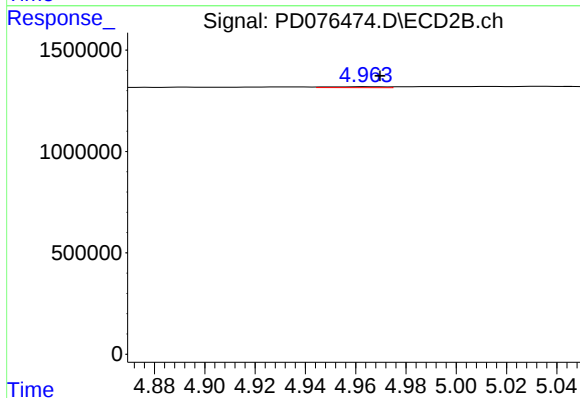
R.T.: 5.079 min  
Delta R.T.: -0.010 min  
Response: 34743  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

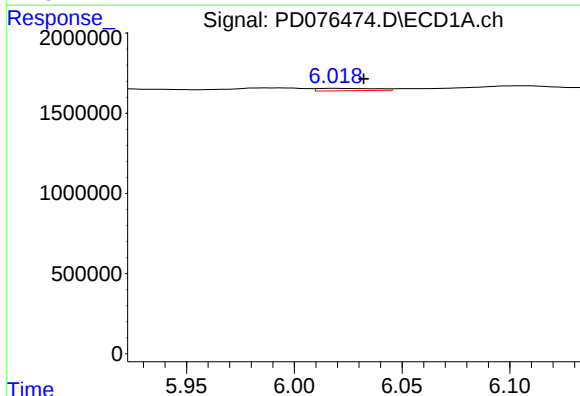
R.T.: 5.923 min  
Delta R.T.: -0.030 min  
Response: 916196  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



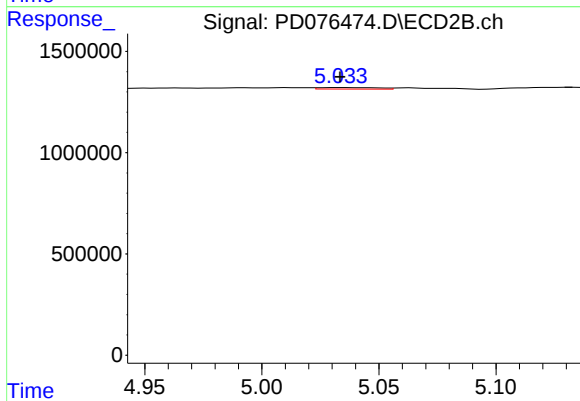
#10 gamma-Chlordane

R.T.: 4.964 min  
Delta R.T.: -0.005 min  
Response: 73882  
Conc: 0.04 ng/ml



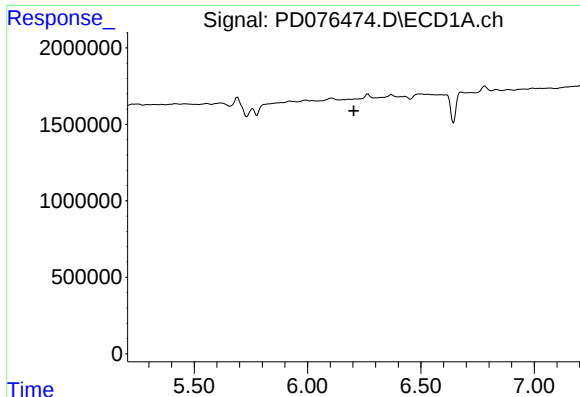
#11 alpha-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.013 min  
Response: 275962  
Conc: 0.06 ng/ml



#11 alpha-Chlordane

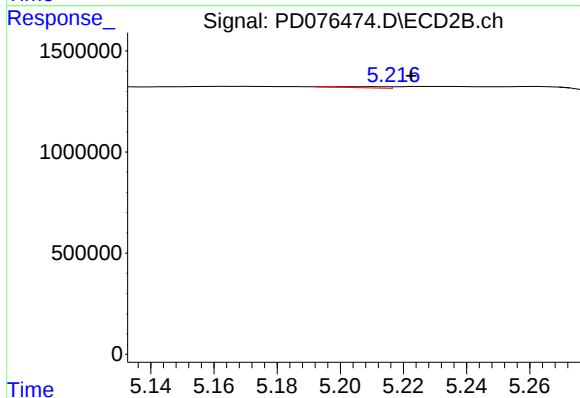
R.T.: 5.034 min  
Delta R.T.: 0.000 min  
Response: 134735  
Conc: 0.07 ng/ml



#12 4,4'-DDE

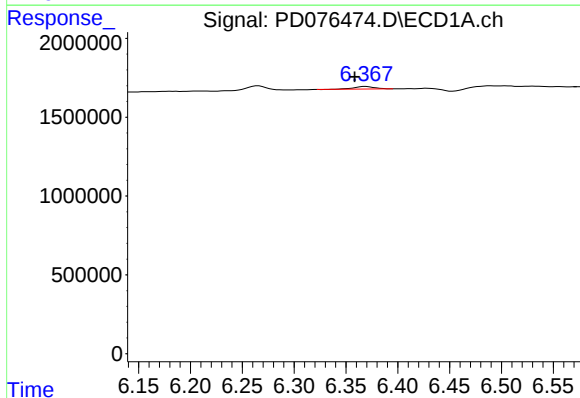
R.T.: 0.000 min  
Exp R.T.: 6.204 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



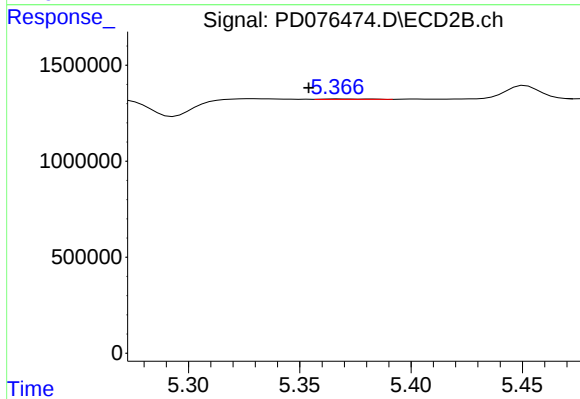
#12 4,4'-DDE

R.T.: 5.211 min  
Delta R.T.: -0.012 min  
Response: 58935  
Conc: 0.04 ng/ml



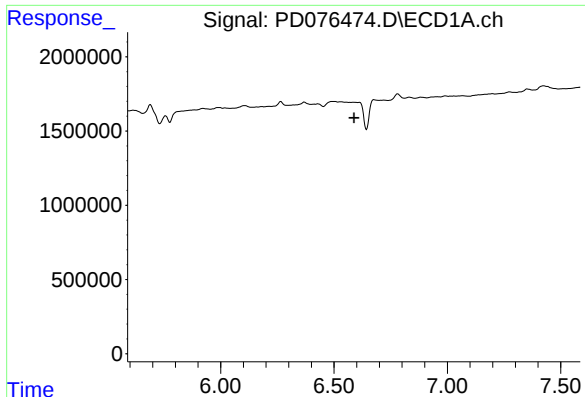
#13 Dieldrin

R.T.: 6.369 min  
Delta R.T.: 0.010 min  
Response: 227223  
Conc: 0.05 ng/ml



#13 Dieldrin

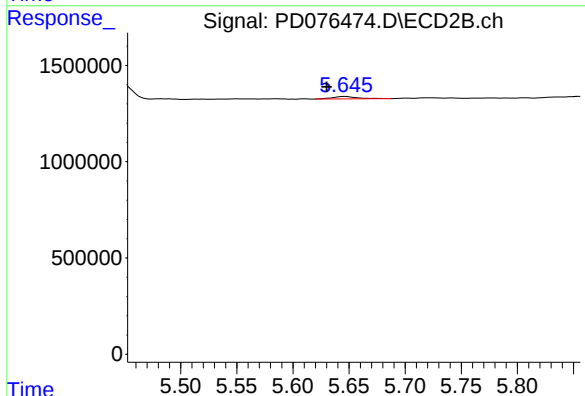
R.T.: 5.367 min  
Delta R.T.: 0.013 min  
Response: 37270  
Conc: 0.02 ng/ml



#14 Endrin

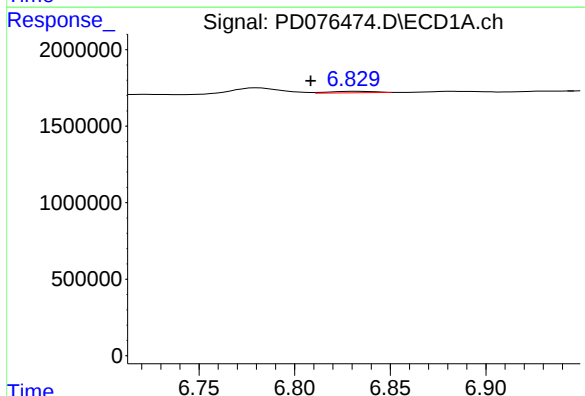
R.T.: 0.000 min  
Exp R.T.: 6.589 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



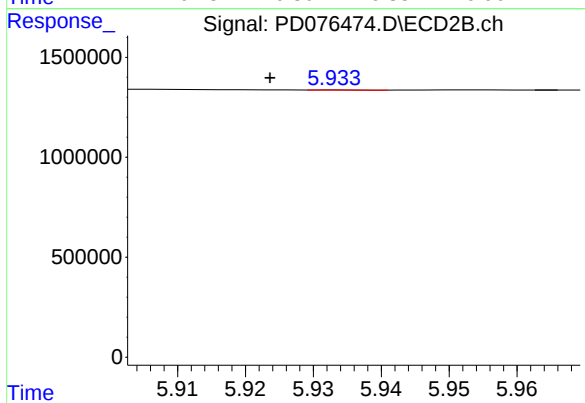
#14 Endrin

R.T.: 5.646 min  
Delta R.T.: 0.016 min  
Response: 189390  
Conc: 0.11 ng/ml



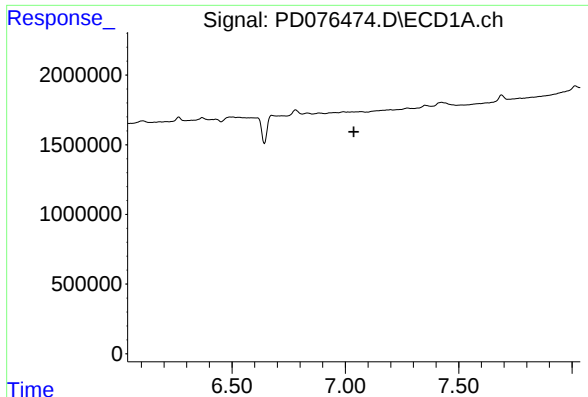
#15 Endosulfan II

R.T.: 6.832 min  
Delta R.T.: 0.023 min  
Response: 159941  
Conc: 0.04 ng/ml



#15 Endosulfan II

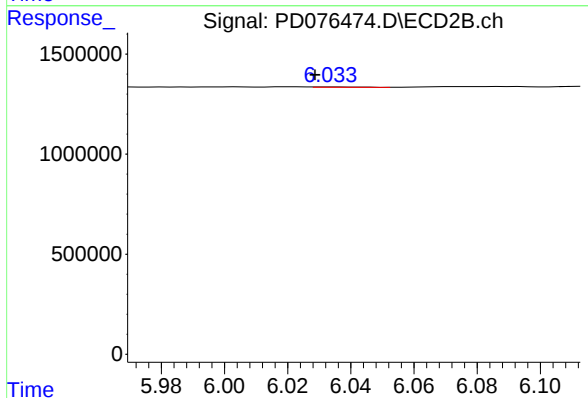
R.T.: 5.934 min  
Delta R.T.: 0.010 min  
Response: 4880  
Conc: 0.00 ng/ml



#17 4,4'-DDT

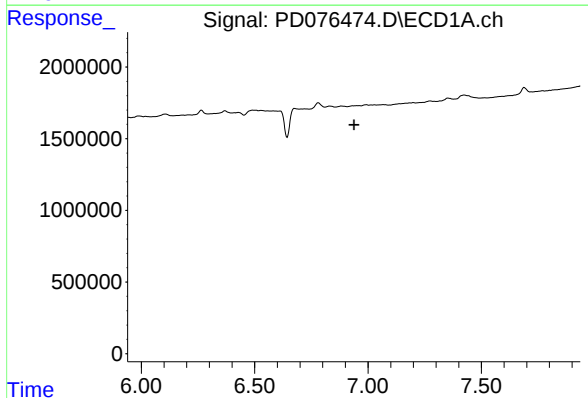
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



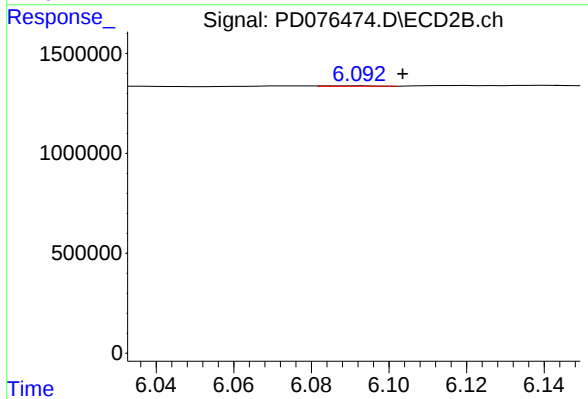
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.005 min  
Response: 17106  
Conc: 0.01 ng/ml



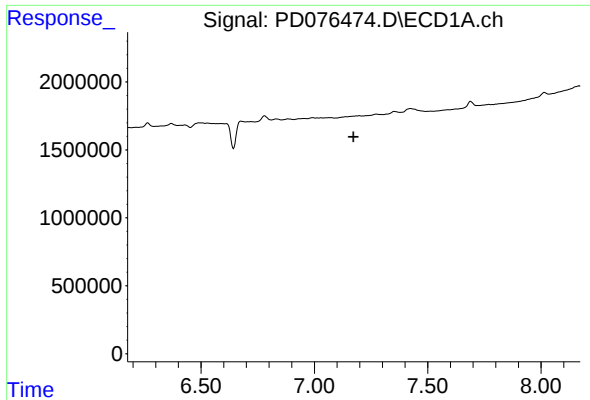
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.938 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

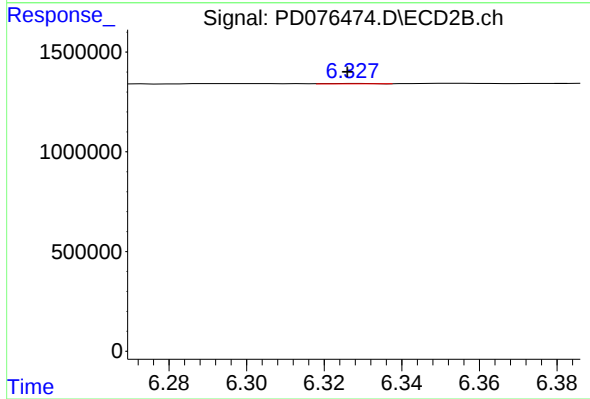
R.T.: 6.093 min  
Delta R.T.: -0.011 min  
Response: 22978  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

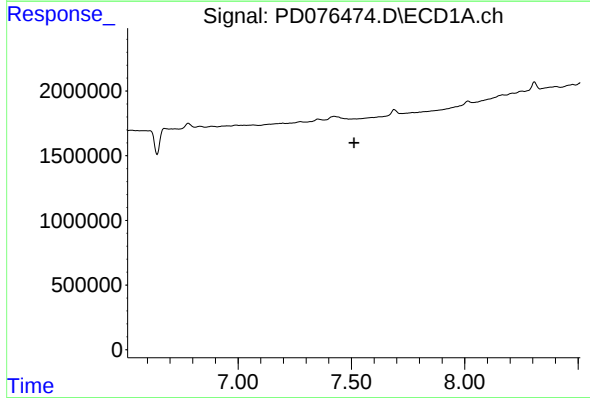
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



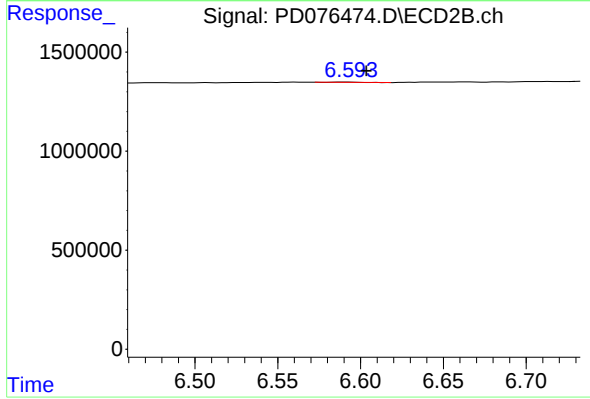
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: 0.002 min  
Response: 14217  
Conc: 0.01 ng/ml



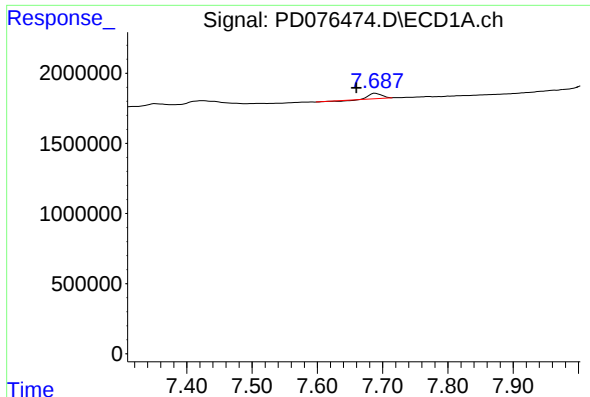
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.512 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

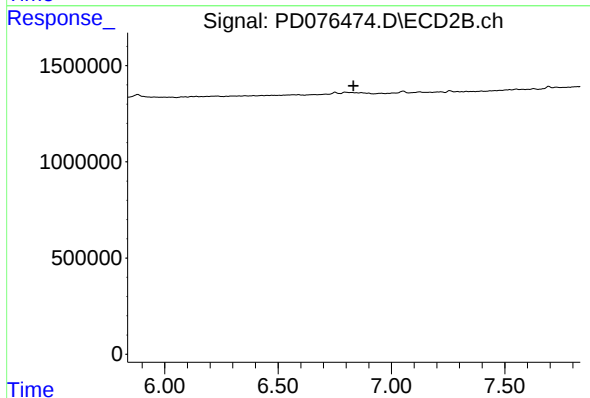
R.T.: 6.590 min  
Delta R.T.: -0.013 min  
Response: 13470  
Conc: 0.02 ng/ml



#21 Endrin ketone

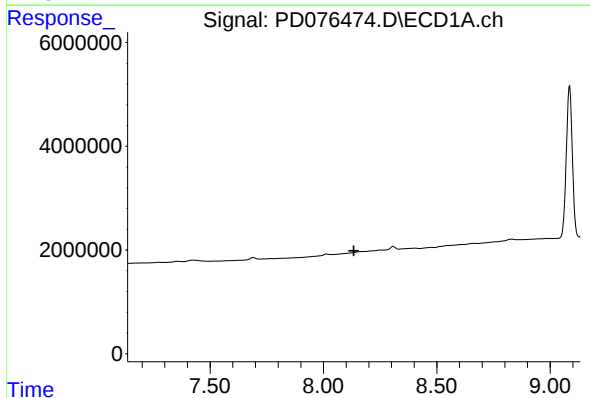
R.T.: 7.689 min  
Delta R.T.: 0.029 min  
Response: 454543  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



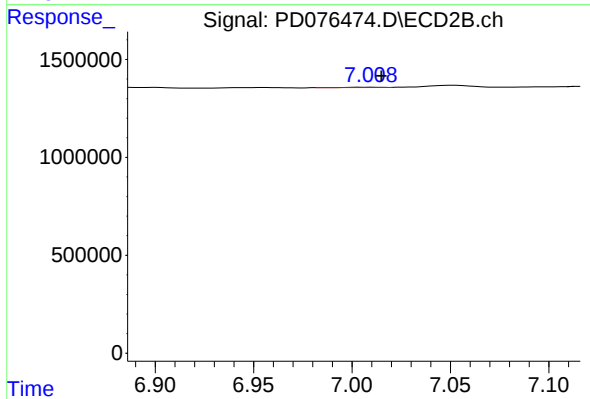
#21 Endrin ketone

R.T.: 6.824 min  
Delta R.T.: -0.009 min  
Response: -1231  
Conc: N.D.



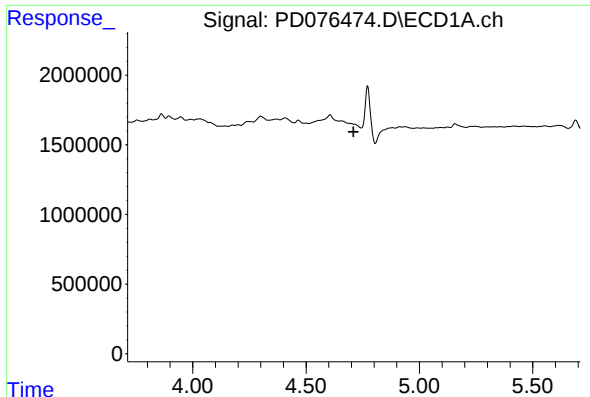
#22 Mirex

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



#22 Mirex

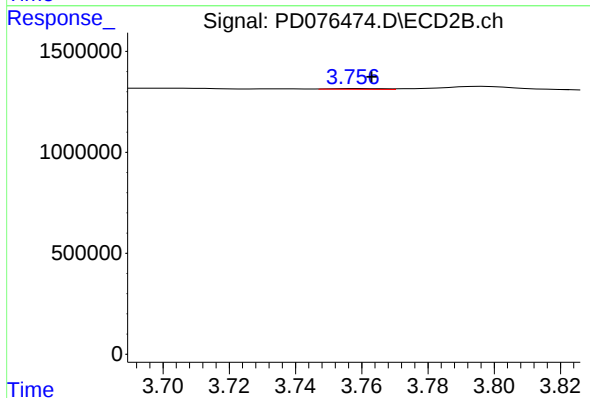
R.T.: 7.009 min  
Delta R.T.: -0.006 min  
Response: 15492  
Conc: 0.01 ng/ml



#23 Chlordane-1

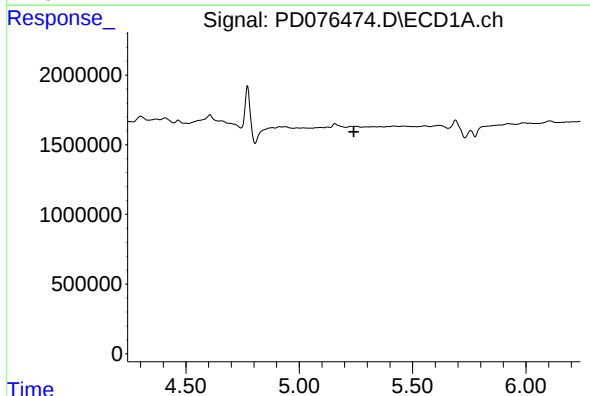
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



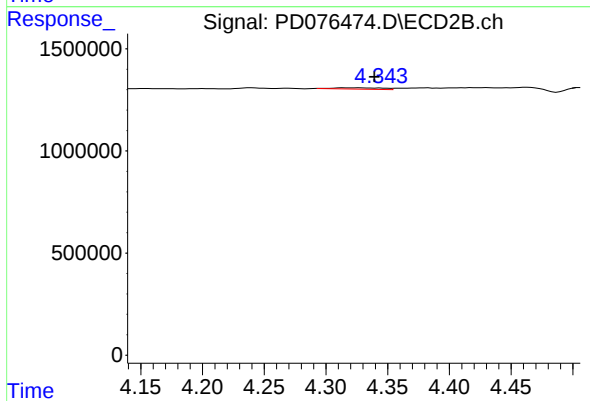
#23 Chlordane-1

R.T.: 3.758 min  
Delta R.T.: -0.005 min  
Response: 41235  
Conc: 0.93 ng/ml



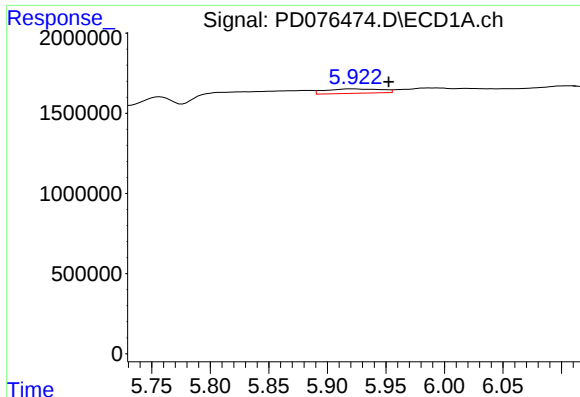
#24 Chlordane-2

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



#24 Chlordane-2

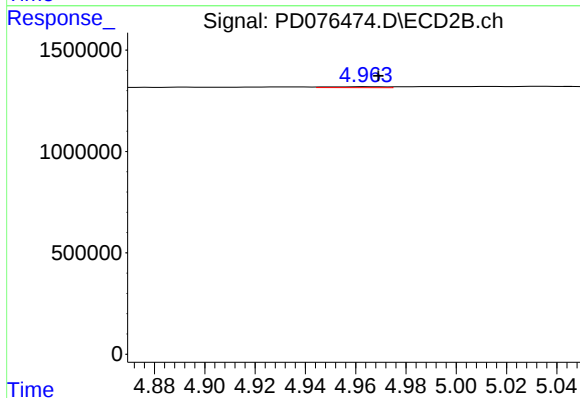
R.T.: 4.315 min  
Delta R.T.: -0.024 min  
Response: 169743  
Conc: 3.49 ng/ml



#25 Chlordane-3

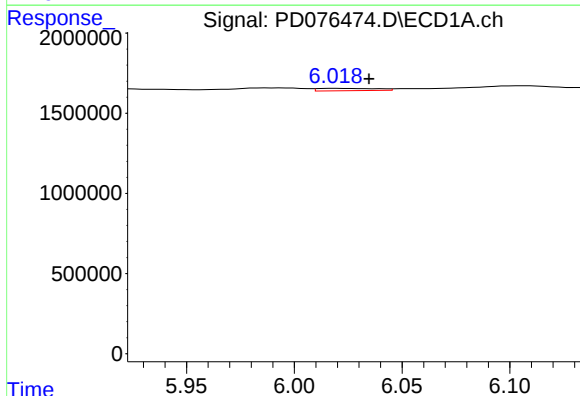
R.T.: 5.923 min  
Delta R.T.: -0.030 min  
Response: 916196  
Conc: 1.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



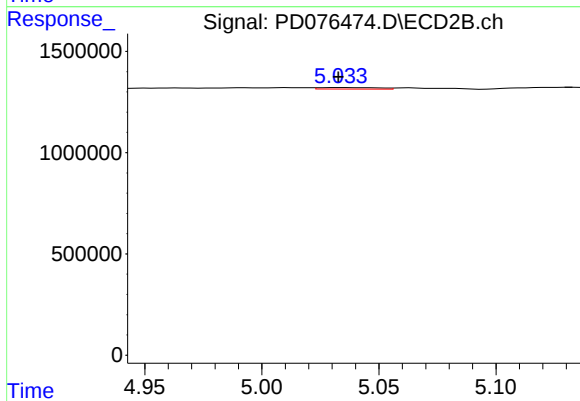
#25 Chlordane-3

R.T.: 4.964 min  
Delta R.T.: -0.005 min  
Response: 73882  
Conc: 0.53 ng/ml



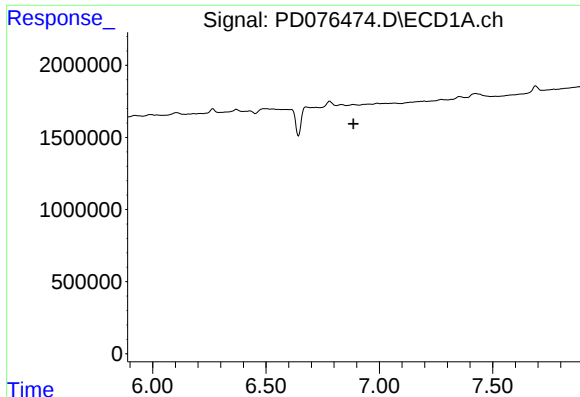
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.016 min  
Response: 275962  
Conc: 0.45 ng/ml



#26 Chlordane-4

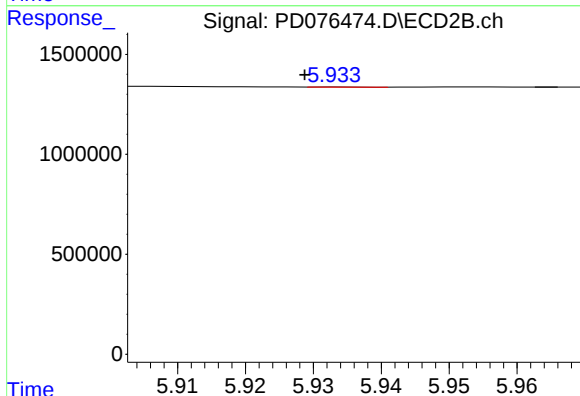
R.T.: 5.034 min  
Delta R.T.: 0.000 min  
Response: 134735  
Conc: 0.96 ng/ml



#27 Chlordane-5

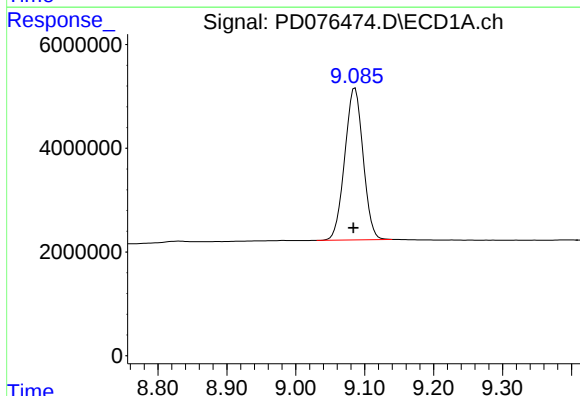
R.T.: 0.000 min  
Exp R.T.: 6.886 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



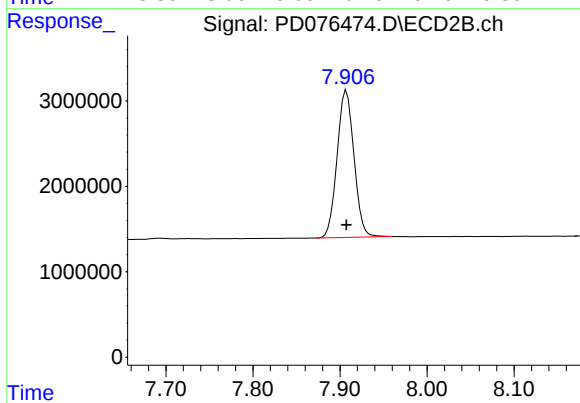
#27 Chlordane-5

R.T.: 5.934 min  
Delta R.T.: 0.005 min  
Response: 4880  
Conc: 0.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.003 min  
Response: 5403556  
Conc: 15.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.000 min  
Response: 23270547  
Conc: 18.49 ng/ml