

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
 Data File : PD076522.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 22:46  
 Operator : AR\AJ  
 Sample : PB154117BL  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 02:05:24 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  | 37769656 | 18642257 | 17.262 | 16.931  |
| 28)                         | SA Decachlor... | 9.085  | 7.907  | 47148675 | 18862040 | 18.658 | 18.225  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.257  | 0        | 108728   | N.D.   | 0.066 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.605  | 0        | 49093    | N.D.   | 0.031 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.926  | 0        | 36678    | N.D.   | 0.024 # |
| 5)                          | MB Aldrin       | 0.000  | 4.209  | 0        | 8384     | N.D.   | 0.005 # |
| 6)                          | B beta-BHC      | 0.000  | 3.905  | 0        | 18216    | N.D.   | 0.028 # |
| 7)                          | B delta-BHC     | 4.771  | 4.117  | 1911847  | 3764     | 0.547  | 0.002 # |
| 8)                          | B Heptachlo...  | 5.692  | 4.730  | 2280994  | 19421    | 0.682  | 0.014 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.093  | 0        | 10626    | N.D.   | 0.008 # |
| 10)                         | B gamma-Chl...  | 5.925f | 4.962  | 822525   | 44539    | 0.250  | 0.032 # |
| 11)                         | B alpha-Chl...  | 6.006f | 5.037  | 22833    | 18917    | 0.007  | 0.013 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.217  | 0        | 35535    | N.D.   | 0.030 # |
| 13)                         | MA Dieldrin     | 6.368  | 5.372f | 322367   | 12838    | 0.098  | 0.009 # |
| 14)                         | MA Endrin       | 0.000  | 5.646f | 0        | 52257    | N.D.   | 0.042 # |
| 15)                         | B Endosulfa...  | 6.782f | 5.952f | 1881753  | 11784    | 0.662  | 0.010 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.791  | 0        | 31188    | N.D.   | 0.032 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.026  | 0        | 5273     | N.D.   | 0.006 # |
| 18)                         | B Endrin al...  | 0.000  | 6.120f | 0        | 58868    | N.D.   | 0.061 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.335  | 0        | 9425     | N.D.   | 0.008 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.601  | 0        | 11557    | N.D.   | 0.021 # |
| 21)                         | B Endrin ke...  | 7.660  | 6.830  | -14219   | 20752    | N.D.   | 0.015   |
| 22)                         | Mirex           | 0.000  | 7.022  | 0        | 3966     | N.D.   | 0.004 # |
| 23)                         | Chlordane-1     | 0.000  | 3.760  | 0        | 78752    | N.D.   | 0.198 # |
| 24)                         | Chlordane-2     | 0.000  | 4.336  | 0        | 6421     | N.D.   | 0.016 # |
| 25)                         | Chlordane-3     | 5.925f | 4.962  | 822525   | 44539    | 0.173  | 0.033 # |
| 26)                         | Chlordane-4     | 6.006f | 5.037  | 22833    | 18917    | 0.004  | 0.014 # |
| 27)                         | Chlordane-5     | 0.000  | 5.952f | 0        | 11784    | N.D.   | 0.025 # |
| -----                       |                 |        |        |          |          |        |         |

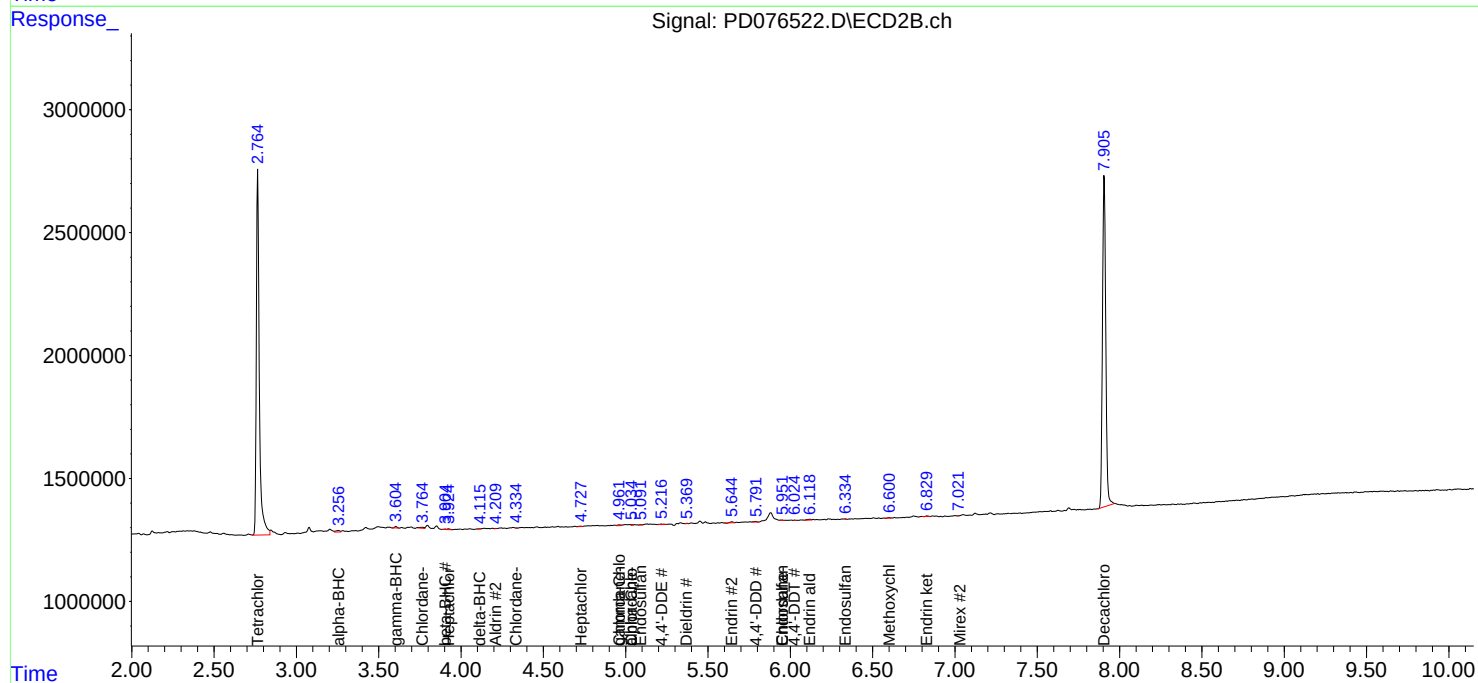
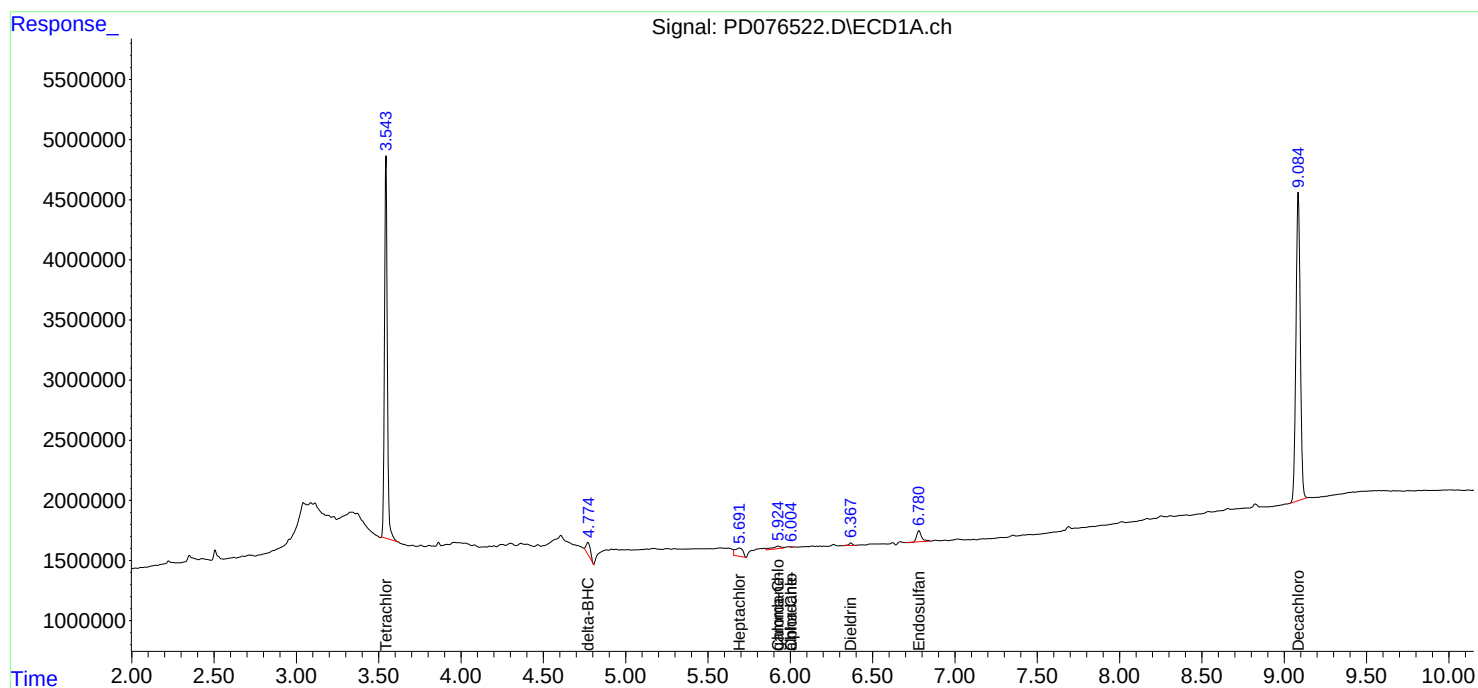
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

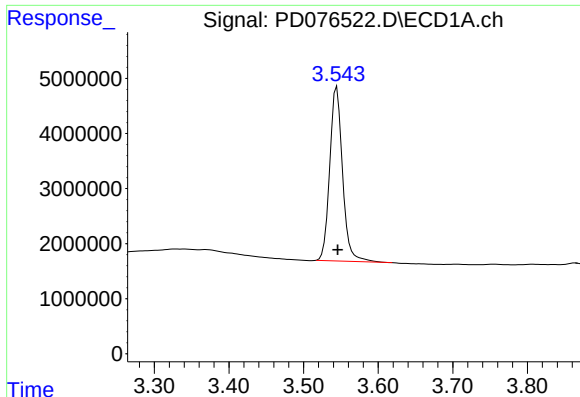
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
Data File : PD076522.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2023 22:46  
Operator : AR\AJ  
Sample : PB154117BL  
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ALS Vial : 27 Sample Multiplier: 1

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ECD\_D  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 02:05:24 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

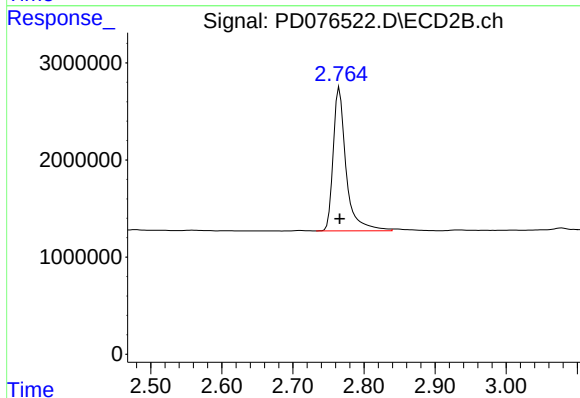




#1 Tetrachloro-m-xylene

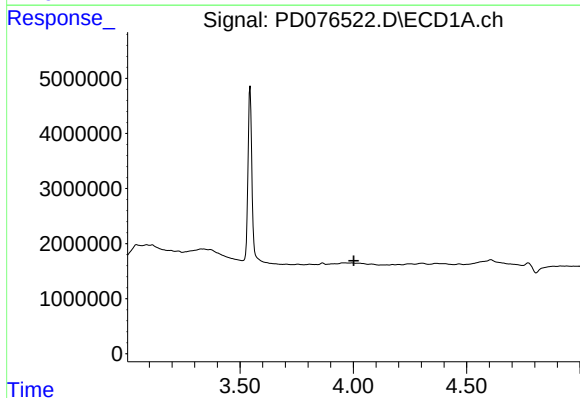
R.T.: 3.545 min  
Delta R.T.: -0.001 min  
Response: 37769656  
Conc: 17.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



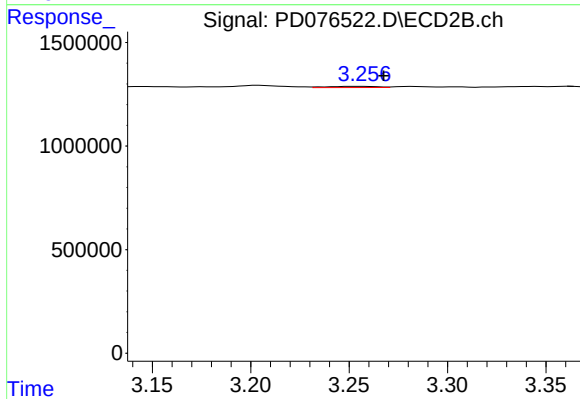
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 18642257  
Conc: 16.93 ng/ml



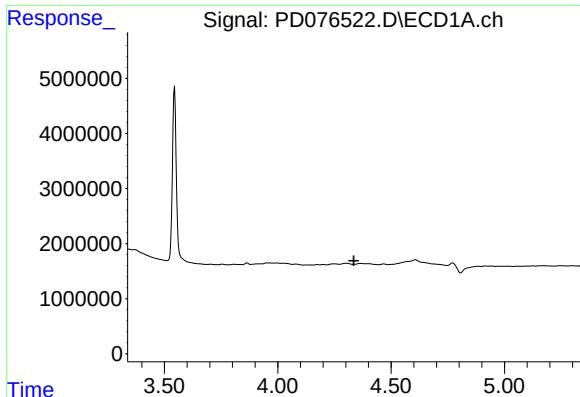
#2 alpha-BHC

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



#2 alpha-BHC

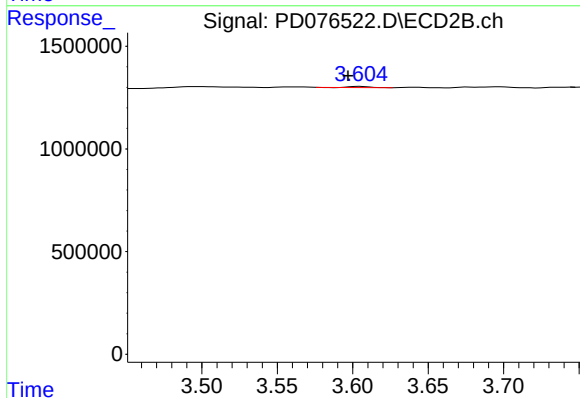
R.T.: 3.257 min  
Delta R.T.: -0.010 min  
Response: 108728  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

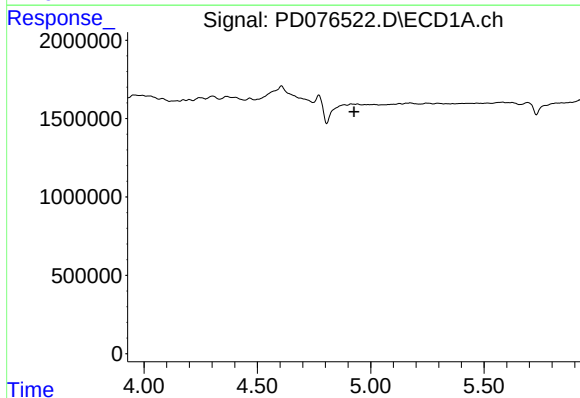
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



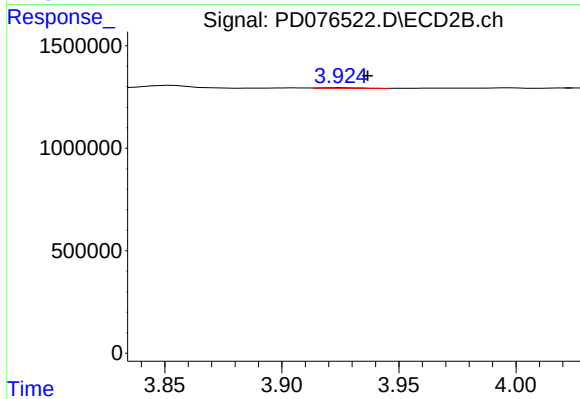
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: 0.008 min  
Response: 49093  
Conc: 0.03 ng/ml



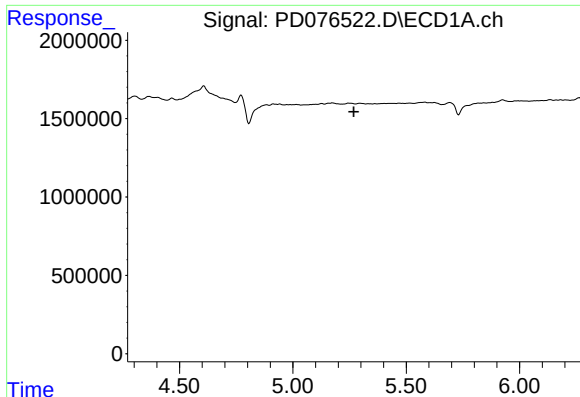
#4 Heptachlor

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



#4 Heptachlor

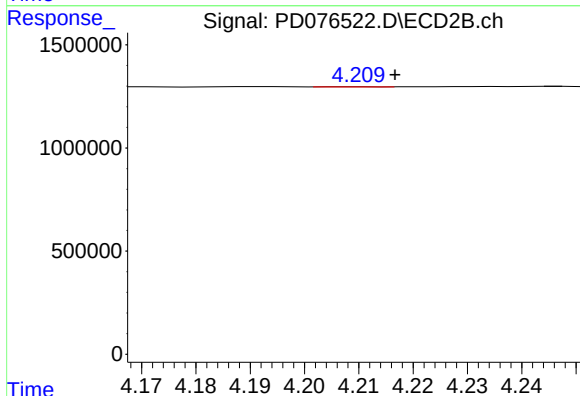
R.T.: 3.926 min  
Delta R.T.: -0.011 min  
Response: 36678  
Conc: 0.02 ng/ml



#5 Aldrin

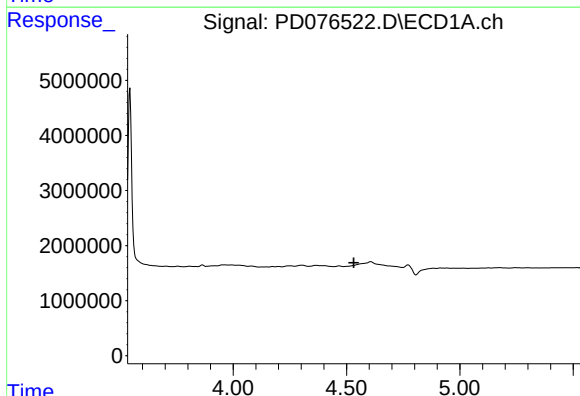
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



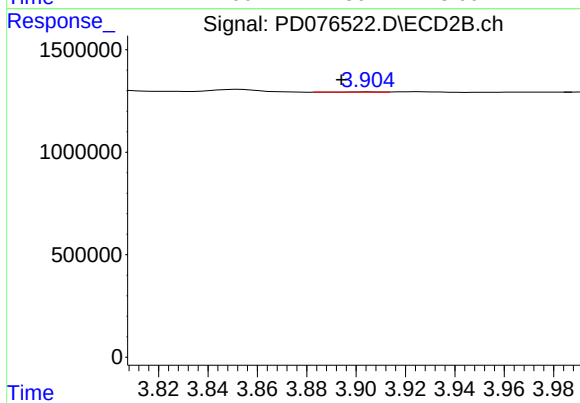
#5 Aldrin

R.T.: 4.209 min  
Delta R.T.: -0.007 min  
Response: 8384  
Conc: 0.01 ng/ml



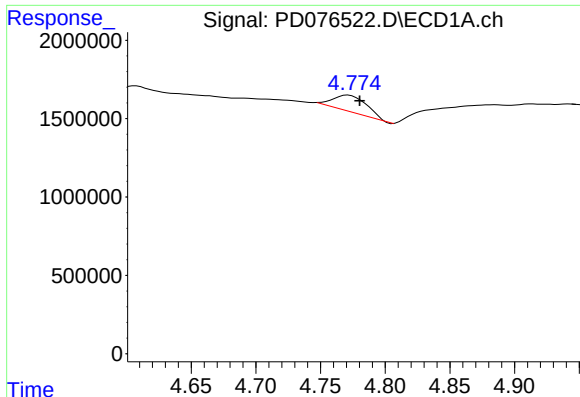
#6 beta-BHC

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



#6 beta-BHC

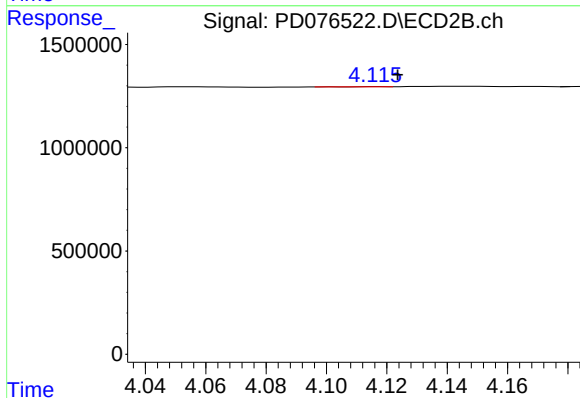
R.T.: 3.905 min  
Delta R.T.: 0.011 min  
Response: 18216  
Conc: 0.03 ng/ml



#7 delta-BHC

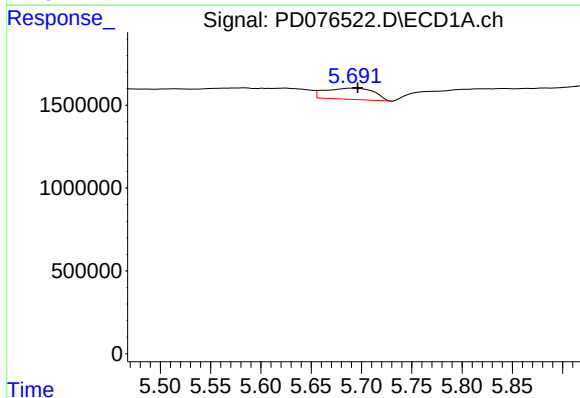
R.T.: 4.771 min  
Delta R.T.: -0.009 min  
Response: 1911847  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



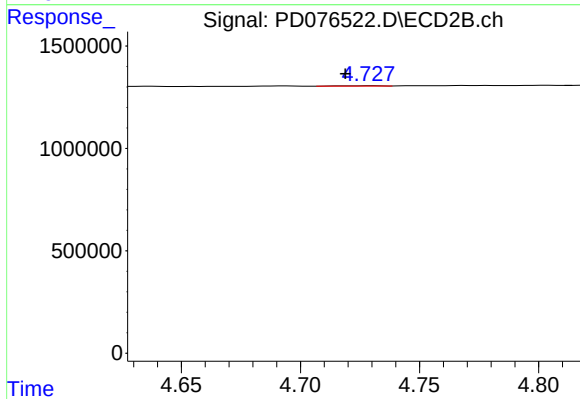
#7 delta-BHC

R.T.: 4.117 min  
Delta R.T.: -0.007 min  
Response: 3764  
Conc: 0.00 ng/ml



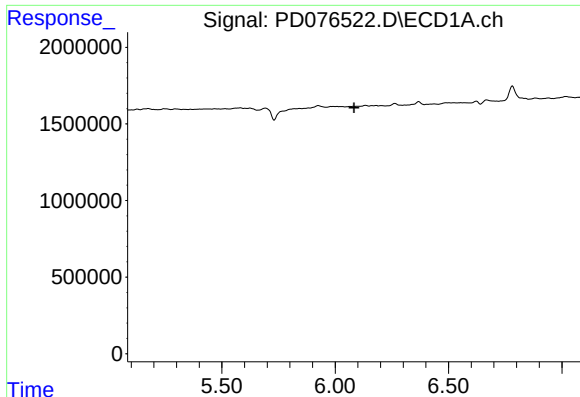
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.005 min  
Response: 2280994  
Conc: 0.68 ng/ml



#8 Heptachlor epoxide

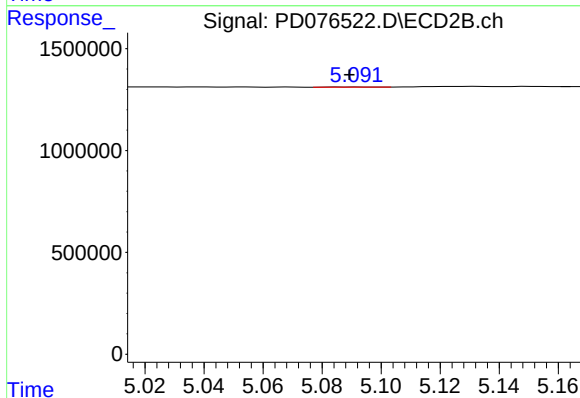
R.T.: 4.730 min  
Delta R.T.: 0.011 min  
Response: 19421  
Conc: 0.01 ng/ml



#9 Endosulfan I

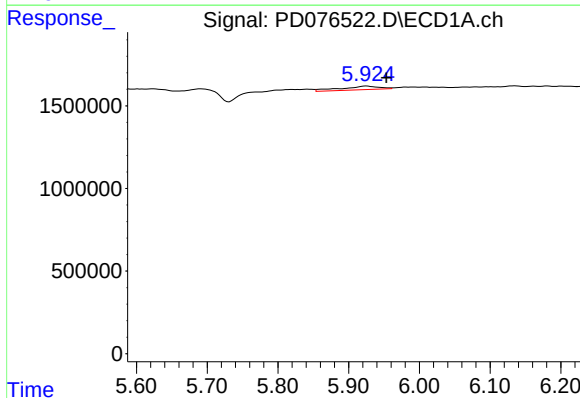
R.T.: 0.000 min  
Exp R.T.: 6.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



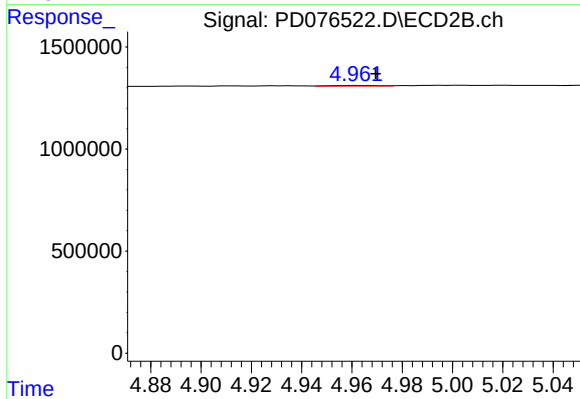
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: 0.003 min  
Response: 10626  
Conc: 0.01 ng/ml



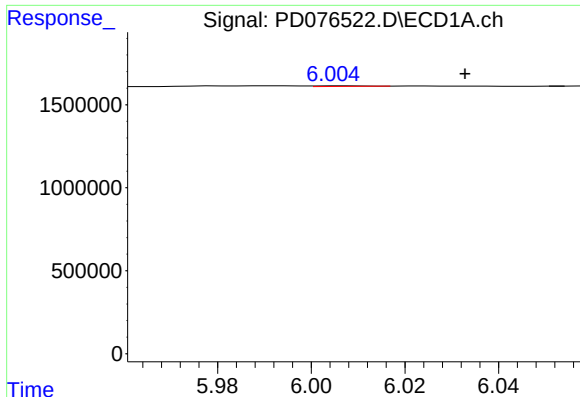
#10 gamma-Chlordane

R.T.: 5.925 min  
Delta R.T.: -0.028 min  
Response: 822525  
Conc: 0.25 ng/ml



#10 gamma-Chlordane

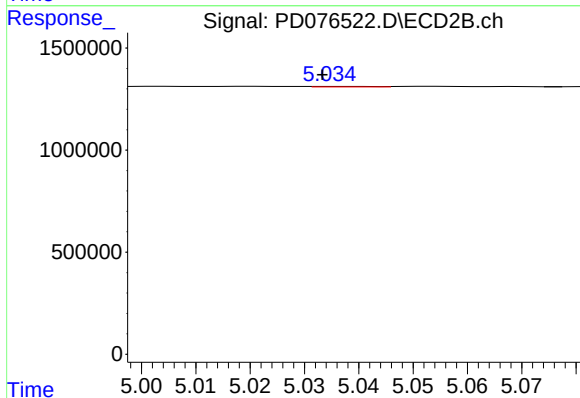
R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 44539  
Conc: 0.03 ng/ml



#11 alpha-Chlordane

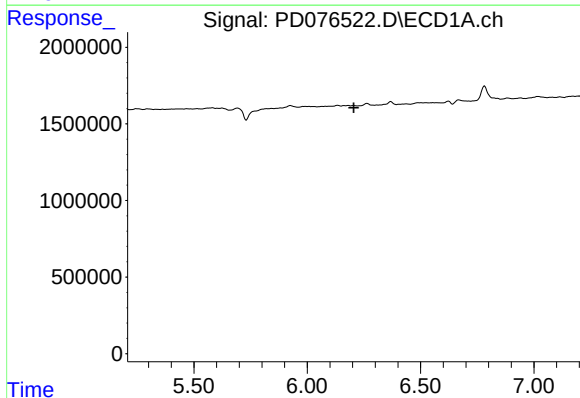
R.T.: 6.006 min  
Delta R.T.: -0.026 min  
Response: 22833  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



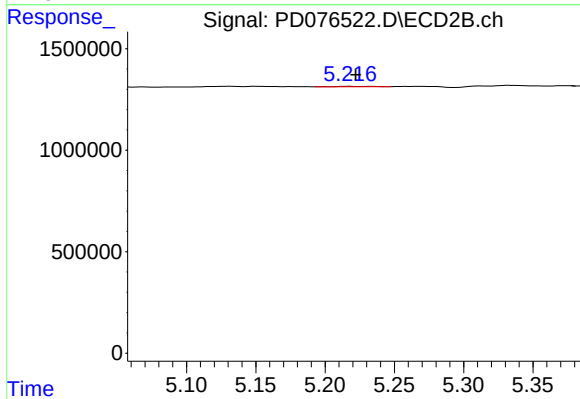
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.003 min  
Response: 18917  
Conc: 0.01 ng/ml



#12 4,4'-DDE

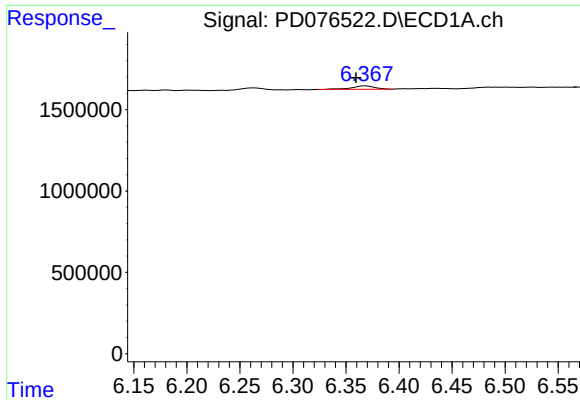
R.T.: 0.000 min  
Exp R.T. : 6.205 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.217 min  
Delta R.T.: -0.005 min  
Response: 35535  
Conc: 0.03 ng/ml

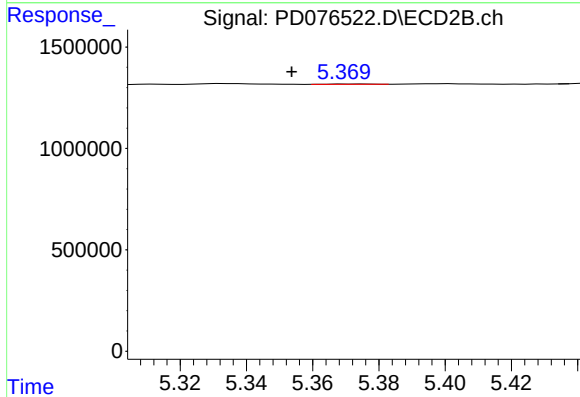




#13 Dieldrin

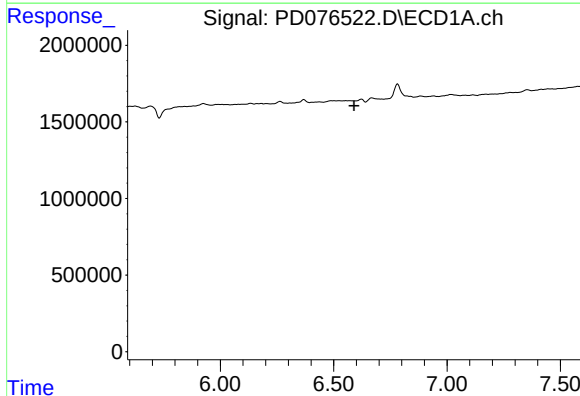
R.T.: 6.368 min  
Delta R.T.: 0.009 min  
Response: 322367  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



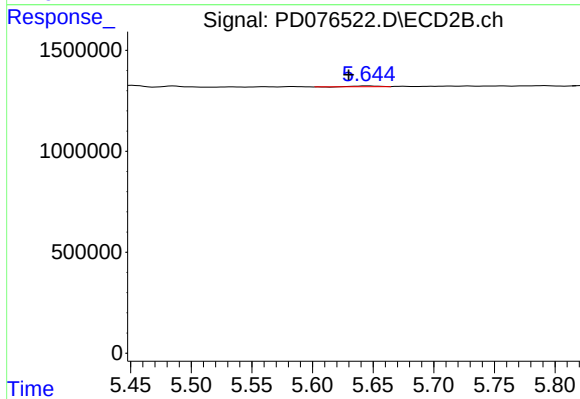
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: 0.018 min  
Response: 12838  
Conc: 0.01 ng/ml



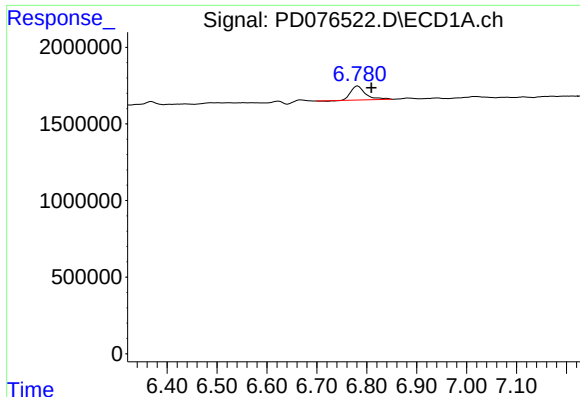
#14 Endrin

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



#14 Endrin

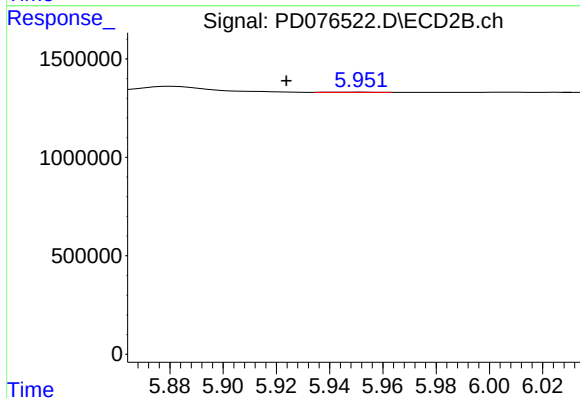
R.T.: 5.646 min  
Delta R.T.: 0.016 min  
Response: 52257  
Conc: 0.04 ng/ml



#15 Endosulfan II

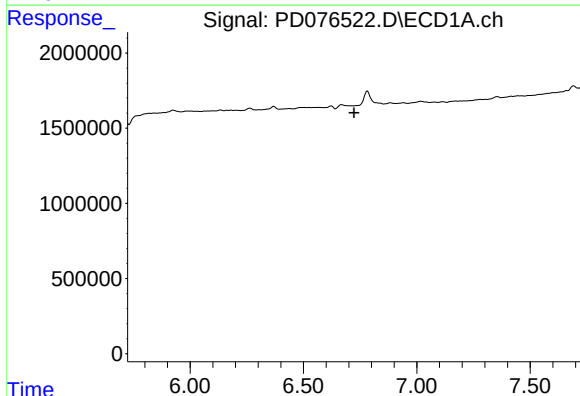
R.T.: 6.782 min  
Delta R.T.: -0.028 min  
Response: 1881753  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



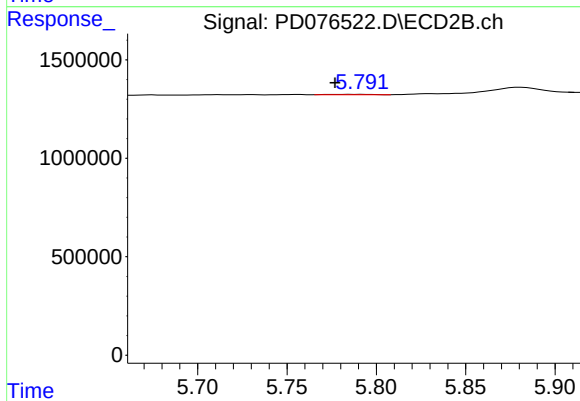
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.028 min  
Response: 11784  
Conc: 0.01 ng/ml



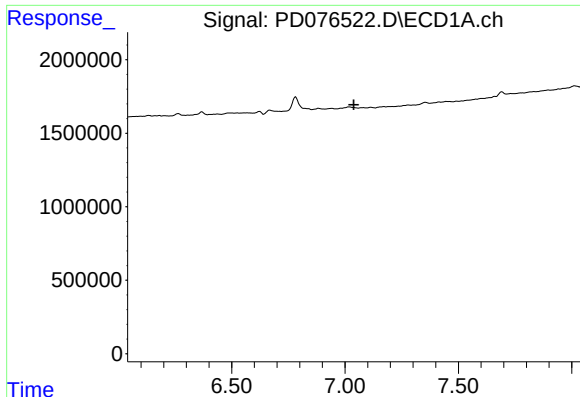
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.724 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

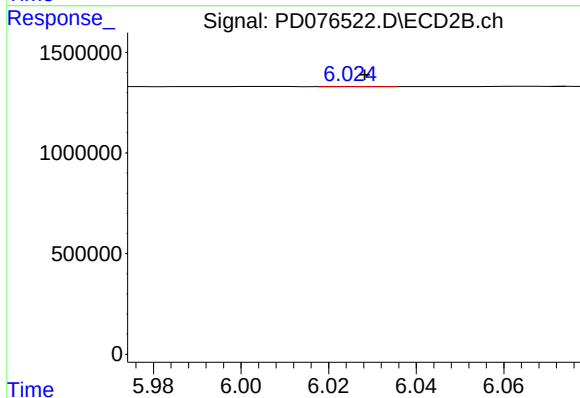
R.T.: 5.791 min  
Delta R.T.: 0.015 min  
Response: 31188  
Conc: 0.03 ng/ml



#17 4,4'-DDT

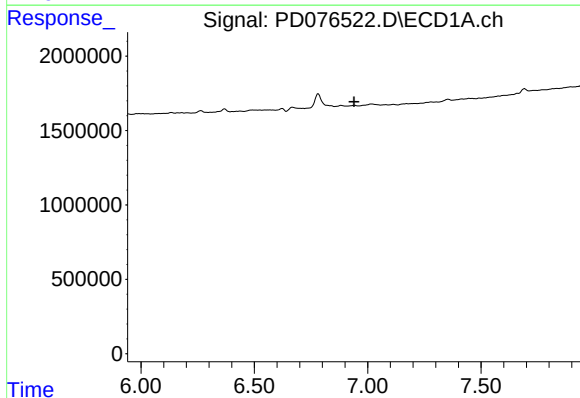
R.T.: 0.000 min  
Exp R.T.: 7.039 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



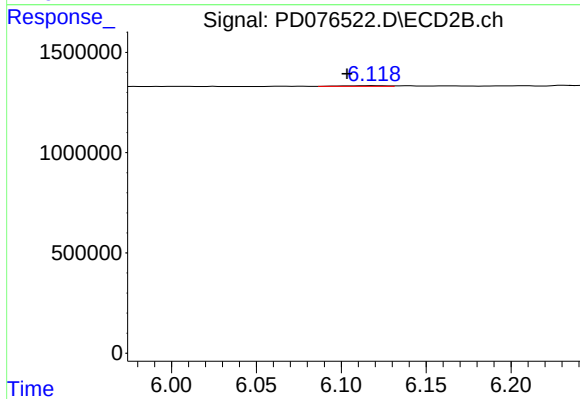
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 5273  
Conc: 0.01 ng/ml



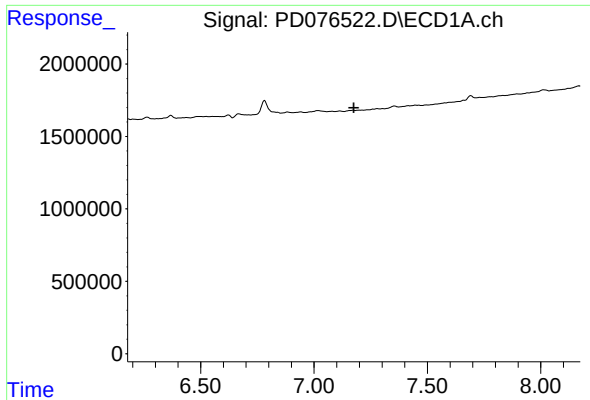
#18 Endrin aldehyde

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



#18 Endrin aldehyde

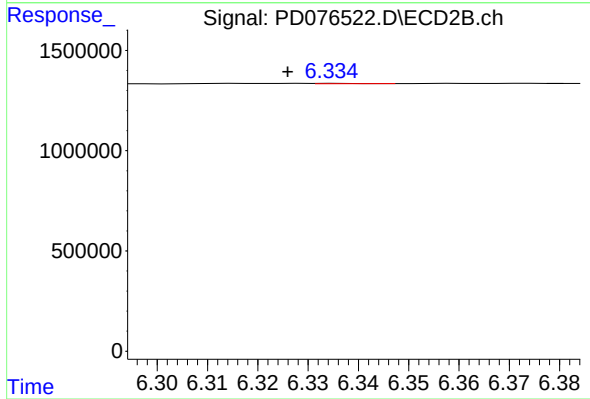
R.T.: 6.120 min  
Delta R.T.: 0.016 min  
Response: 58868  
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

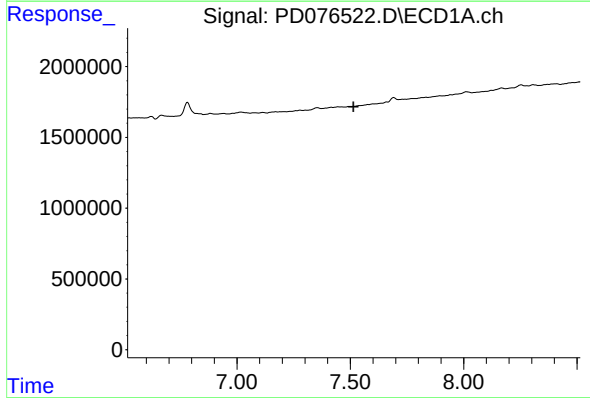
R.T.: 0.000 min  
Exp R.T. : 7.175 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



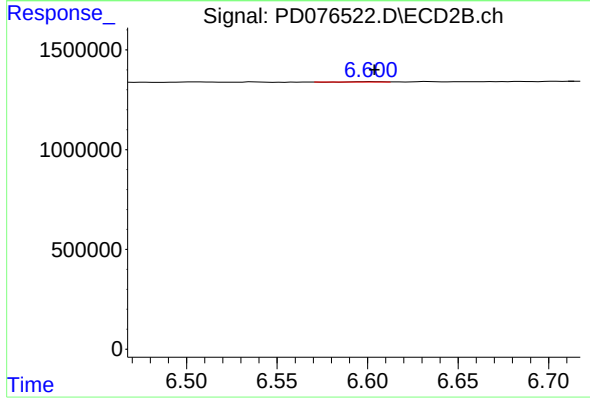
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: 0.010 min  
Response: 9425  
Conc: 0.01 ng/ml



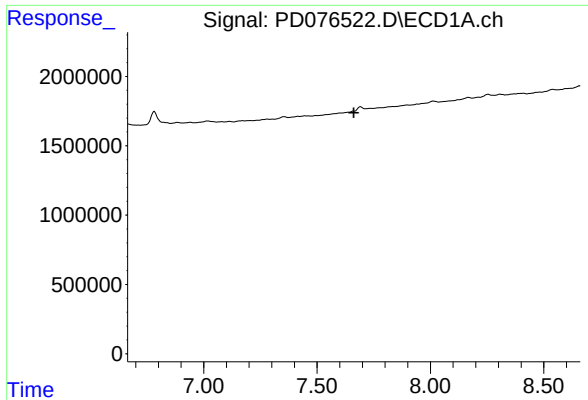
#20 Methoxychlor

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



#20 Methoxychlor

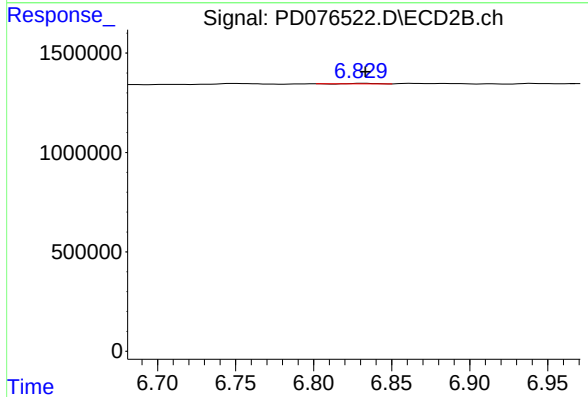
R.T.: 6.601 min  
Delta R.T.: -0.003 min  
Response: 11557  
Conc: 0.02 ng/ml



#21 Endrin ketone

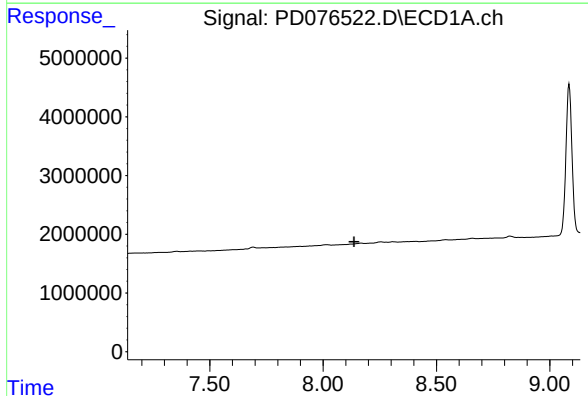
R.T.: 7.660 min  
Delta R.T.: -0.001 min  
Response: -14219  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



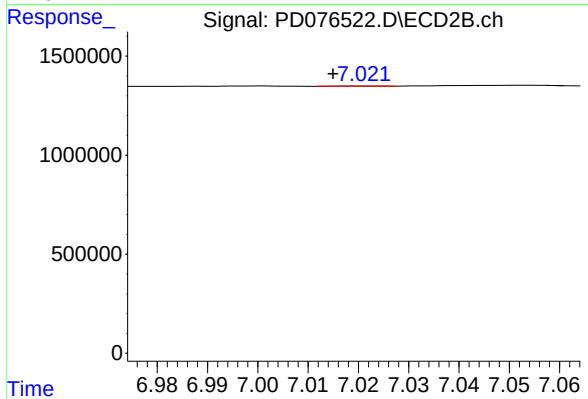
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 20752  
Conc: 0.02 ng/ml



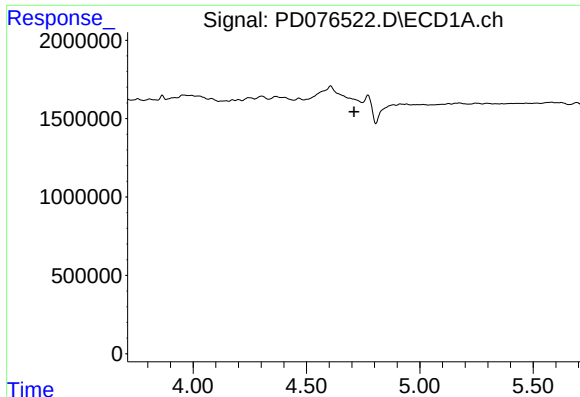
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.136 min  
Response: 0  
Conc: N.D.



#22 Mirex

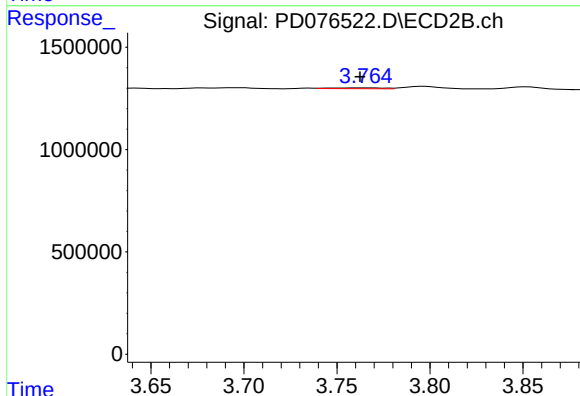
R.T.: 7.022 min  
Delta R.T.: 0.007 min  
Response: 3966  
Conc: 0.00 ng/ml



#23 Chlordane-1

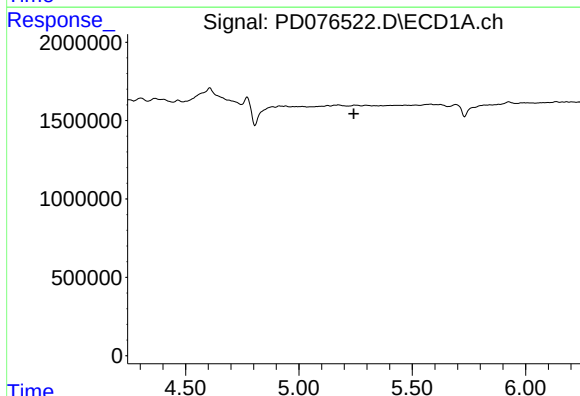
R.T.: 0.000 min  
Exp R.T.: 4.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



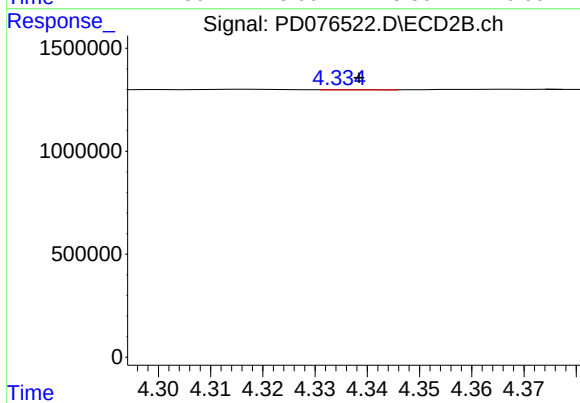
#23 Chlordane-1

R.T.: 3.760 min  
Delta R.T.: -0.002 min  
Response: 78752  
Conc: 0.20 ng/ml



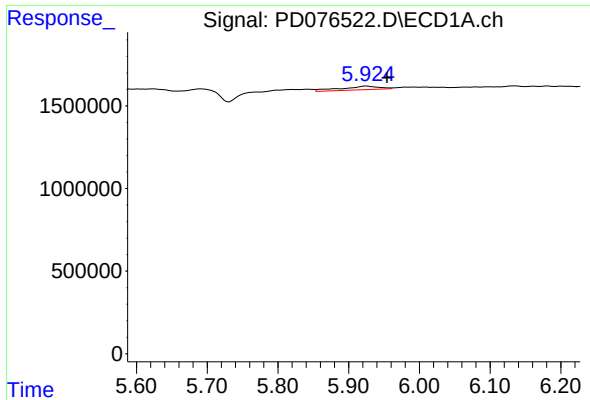
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.242 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

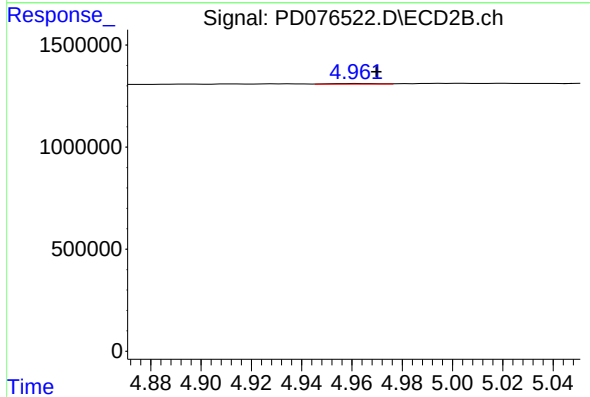
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 6421  
Conc: 0.02 ng/ml



#25 Chlordane-3

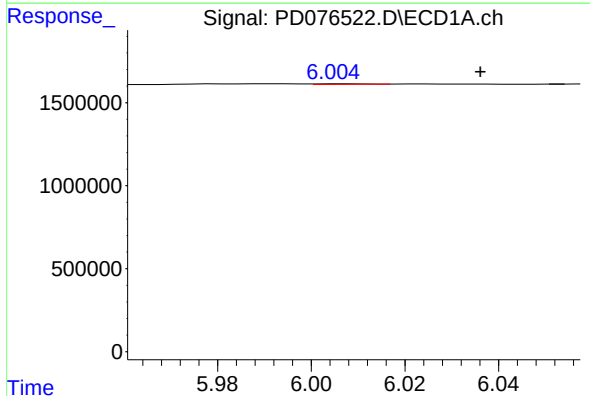
R.T.: 5.925 min  
Delta R.T.: -0.029 min  
Response: 822525  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



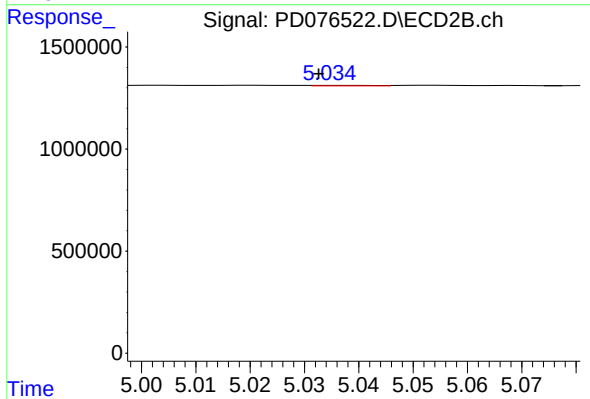
#25 Chlordane-3

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 44539  
Conc: 0.03 ng/ml



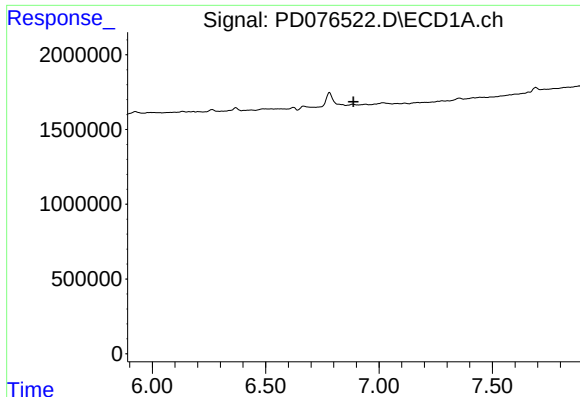
#26 Chlordane-4

R.T.: 6.006 min  
Delta R.T.: -0.030 min  
Response: 22833  
Conc: 0.00 ng/ml



#26 Chlordane-4

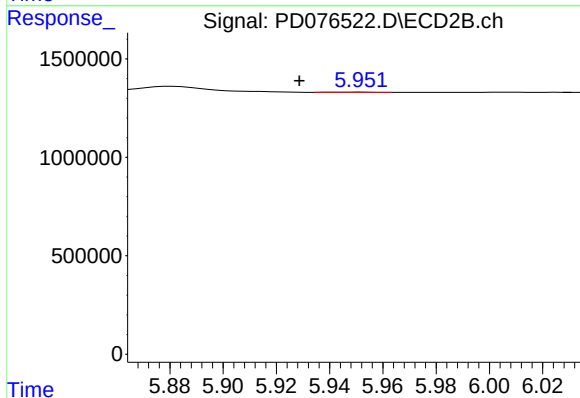
R.T.: 5.037 min  
Delta R.T.: 0.004 min  
Response: 18917  
Conc: 0.01 ng/ml



#27 Chlordane-5

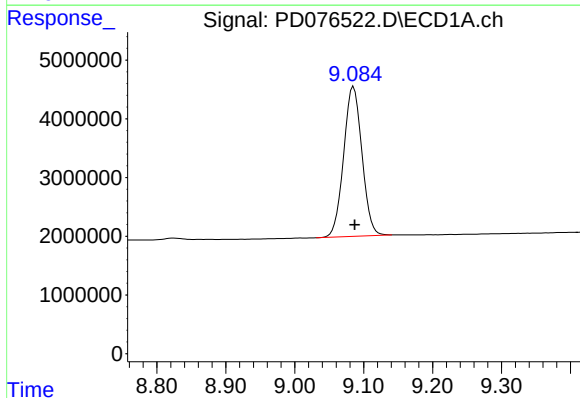
R.T.: 0.000 min  
Exp R.T.: 6.888 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



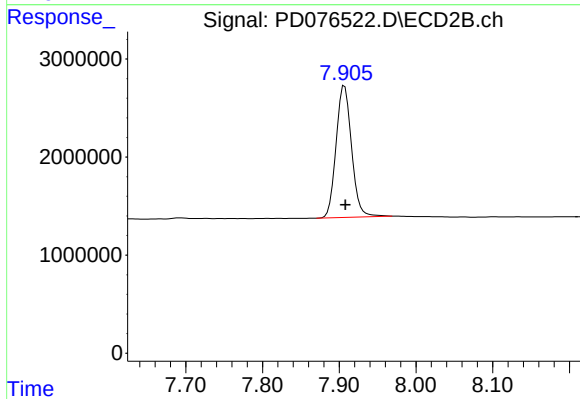
#27 Chlordane-5

R.T.: 5.952 min  
Delta R.T.: 0.023 min  
Response: 11784  
Conc: 0.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.002 min  
Response: 47148675  
Conc: 18.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 18862040  
Conc: 18.23 ng/ml