

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
 Data File : PD076459.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2023 16:30  
 Operator : AR\AJ  
 Sample : 03509-22  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 22:34:08 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  | 2.764  | 35275658 | 26113296 | 10.767 | 16.439 # |
| 28)                         | SA Decachlor... | 9.085  | 7.908  | 32964038 | 15163126 | 9.271  | 12.048 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.033f | 3.285f | 839993   | 332676   | 0.145  | 0.138    |
| 3)                          | MA gamma-BHC... | 4.367f | 3.616f | 130396   | 1202757  | 0.025  | 0.540 #  |
| 4)                          | MA Heptachlor   | 4.942f | 0.000  | 1750298  | 0        | 0.318  | N.D. #   |
| 5)                          | MB Aldrin       | 5.247f | 4.228  | 254036   | 149518   | 0.048  | 0.067 #  |
| 6)                          | B beta-BHC      | 4.541  | 3.898  | 296704   | 173743   | 0.142  | 0.195 #  |
| 7)                          | B delta-BHC     | 4.771  | 4.123  | 4748577  | 103482   | 0.924  | 0.049 #  |
| 8)                          | B Heptachlo...  | 5.687  | 4.718  | 5650509  | 13270    | 1.173  | 0.007 #  |
| 9)                          | A Endosulfan I  | 6.094  | 5.118f | 1138732  | 30530    | 0.255  | 0.016 #  |
| 10)                         | B gamma-Chl...  | 5.921f | 4.965  | 2109512  | 40752    | 0.434  | 0.020 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.032  | 0        | 294859   | N.D.   | 0.148 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.212  | 0        | 42166    | N.D.   | 0.027 #  |
| 13)                         | MA Dieldrin     | 6.369  | 5.378f | 484960   | 3691     | 0.104  | 0.002 #  |
| 14)                         | MA Endrin       | 0.000  | 5.659f | 0        | 259706   | N.D.   | 0.147 #  |
| 15)                         | B Endosulfa...  | 6.834f | 5.948f | 415150   | 56848    | 0.112  | 0.037 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.030  | 0        | 32854    | N.D.   | 0.027 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.100  | 0        | 23730    | N.D.   | 0.021 #  |
| 19)                         | B Endosulfa...  | 7.170  | 6.327  | 90532    | 15368    | 0.025  | 0.010 #  |
| 21)                         | B Endrin ke...  | 7.690f | 6.814f | 511689   | 75489    | 0.123  | 0.043 #  |
| 22)                         | Mirex           | 0.000  | 7.013  | 0        | 20743    | N.D.   | 0.014 #  |
| 24)                         | Chlordane-2     | 5.247  | 4.346  | 254036   | 79030    | 1.984  | 1.626    |
| 25)                         | Chlordane-3     | 0.000  | 4.965  | 0        | 40752    | N.D.   | 0.290 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.032  | 0        | 294859   | N.D.   | 2.094 #  |
| 27)                         | Chlordane-5     | 6.891  | 5.948f | 328369   | 56848    | 3.362  | 1.222 #  |
| -----                       |                 |        |        |          |          |        |          |

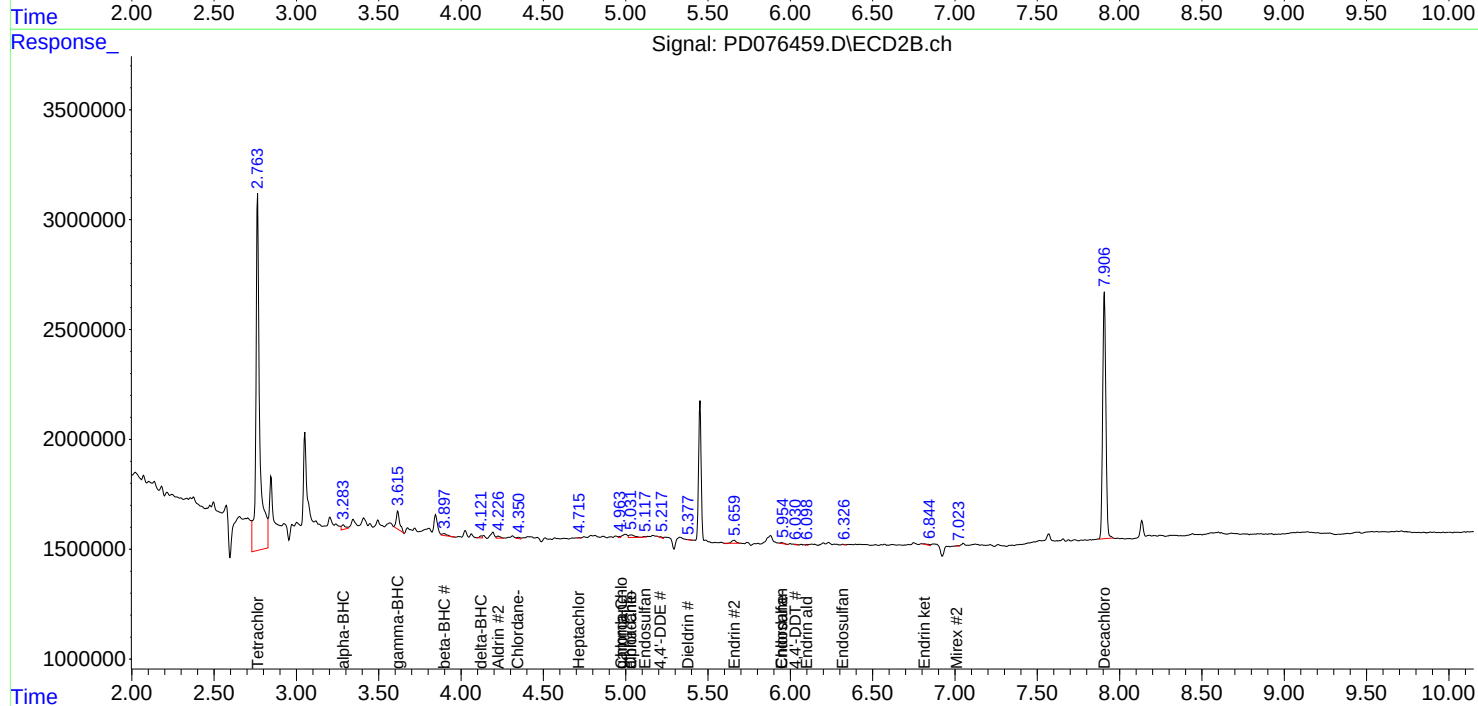
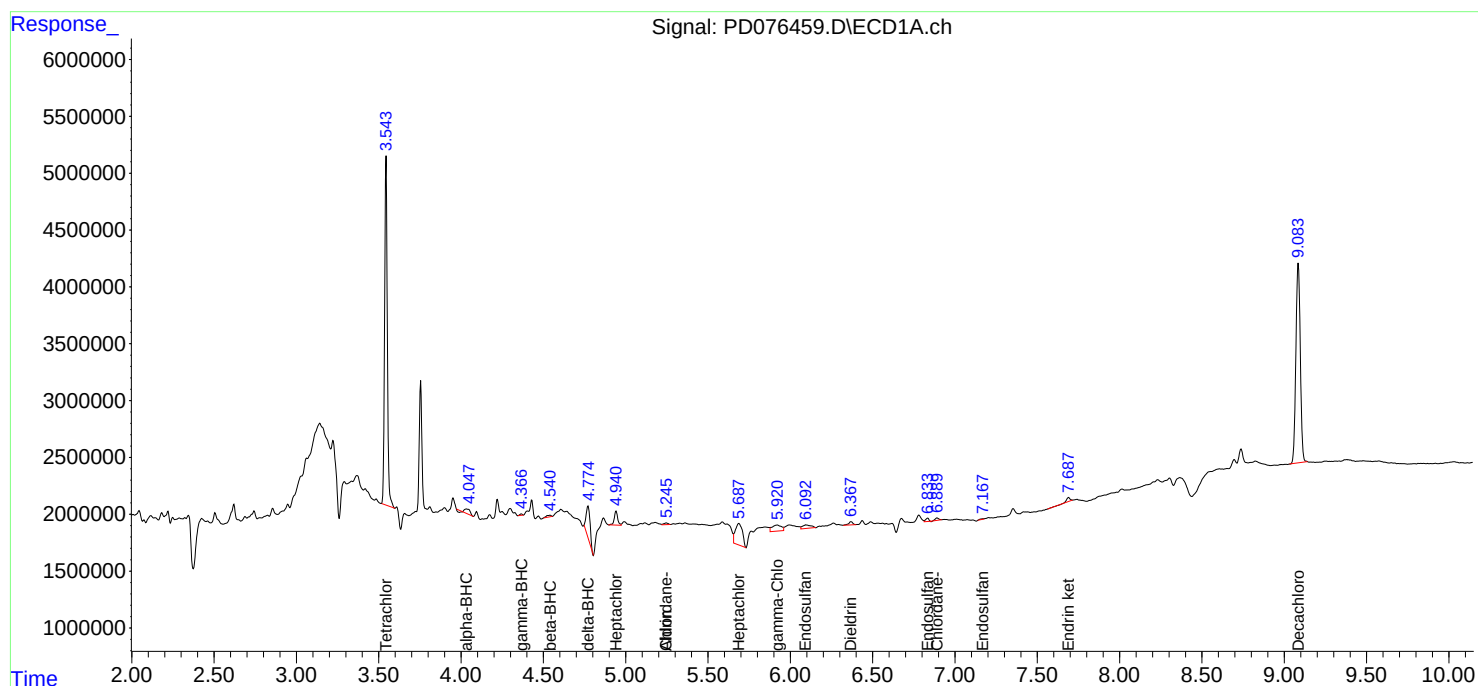
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

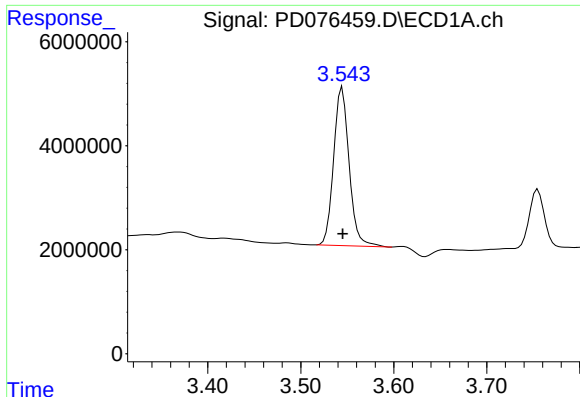
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
Data File : PD076459.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2023 16:30  
Operator : AR\AJ  
Sample : 03509-22  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:34:08 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

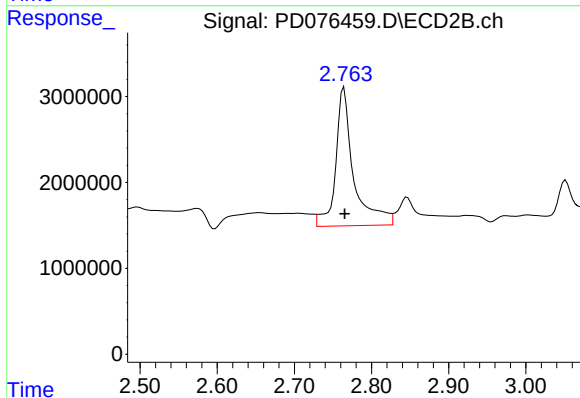




#1 Tetrachloro-m-xylene

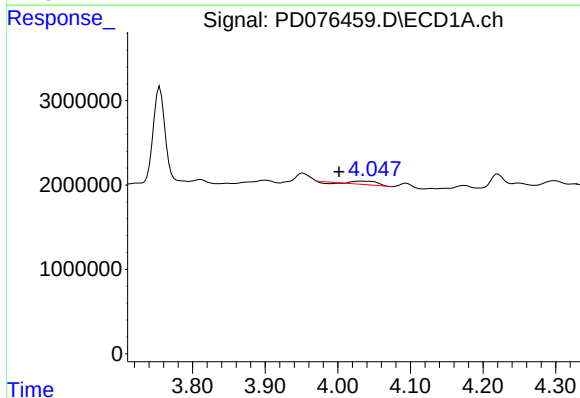
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 35275658  
Conc: 10.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



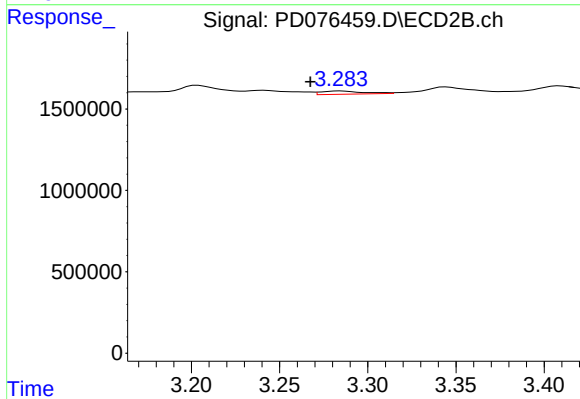
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: 0.000 min  
Response: 26113296  
Conc: 16.44 ng/ml



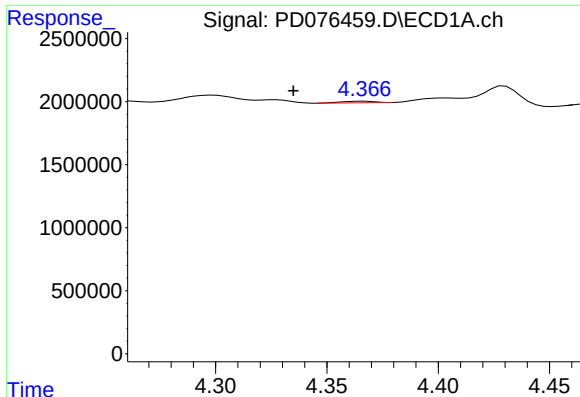
#2 alpha-BHC

R.T.: 4.033 min  
Delta R.T.: 0.031 min  
Response: 839993  
Conc: 0.15 ng/ml



#2 alpha-BHC

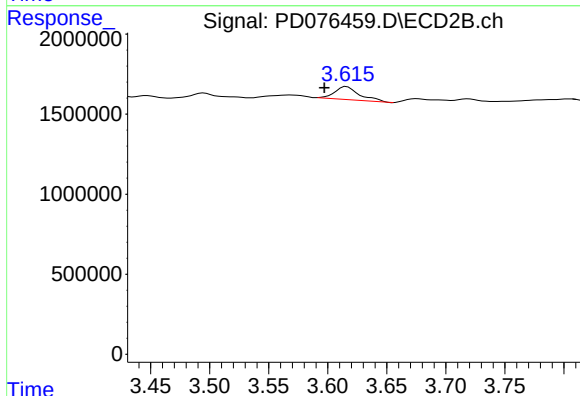
R.T.: 3.285 min  
Delta R.T.: 0.017 min  
Response: 332676  
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

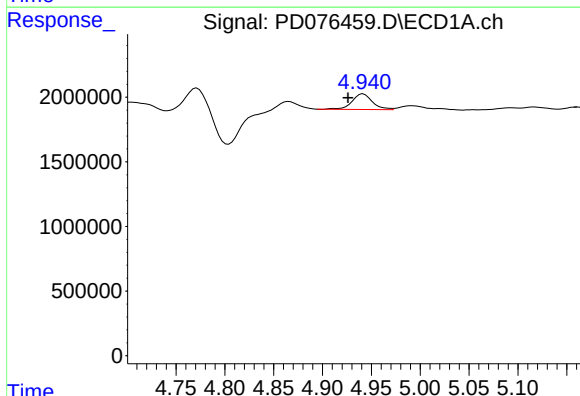
R.T.: 4.367 min  
Delta R.T.: 0.032 min  
Response: 130396  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



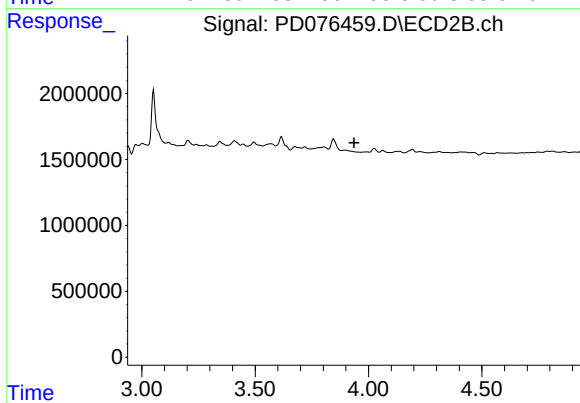
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: 0.019 min  
Response: 1202757  
Conc: 0.54 ng/ml



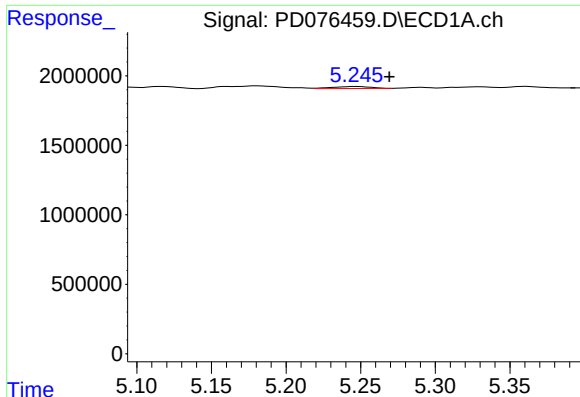
#4 Heptachlor

R.T.: 4.942 min  
Delta R.T.: 0.015 min  
Response: 1750298  
Conc: 0.32 ng/ml



#4 Heptachlor

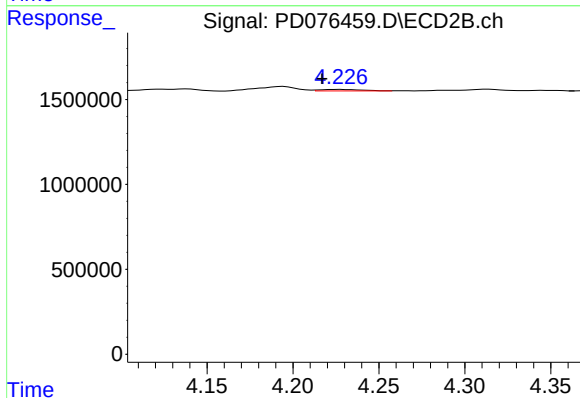
R.T.: 0.000 min  
Exp R.T.: 3.937 min  
Response: 0  
Conc: N.D.



#5 Aldrin

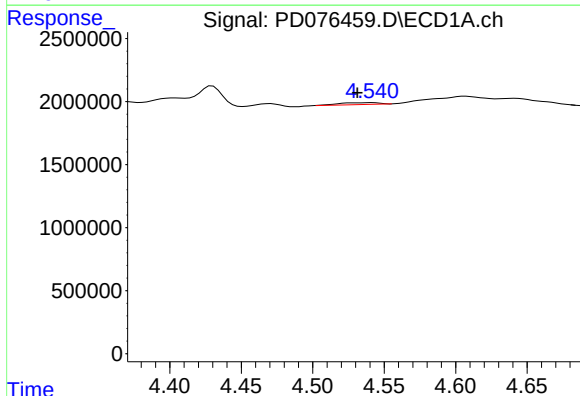
R.T.: 5.247 min  
Delta R.T.: -0.022 min  
Response: 254036  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



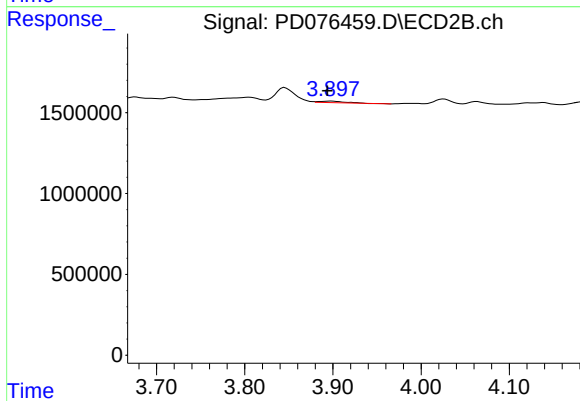
#5 Aldrin

R.T.: 4.228 min  
Delta R.T.: 0.011 min  
Response: 149518  
Conc: 0.07 ng/ml



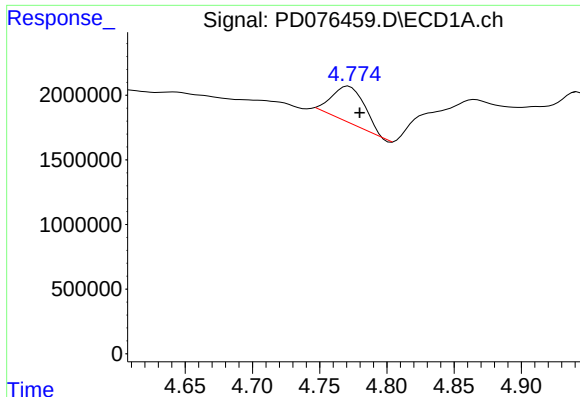
#6 beta-BHC

R.T.: 4.541 min  
Delta R.T.: 0.010 min  
Response: 296704  
Conc: 0.14 ng/ml



#6 beta-BHC

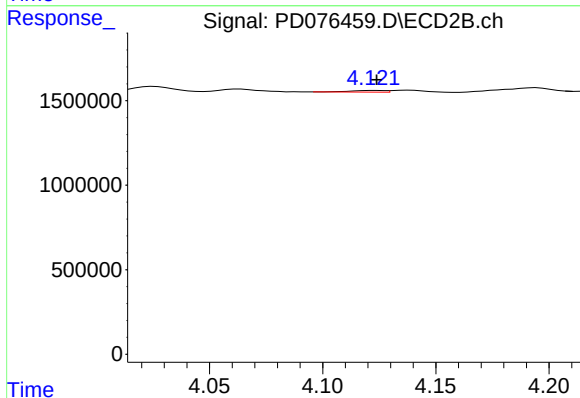
R.T.: 3.898 min  
Delta R.T.: 0.004 min  
Response: 173743  
Conc: 0.20 ng/ml



#7 delta-BHC

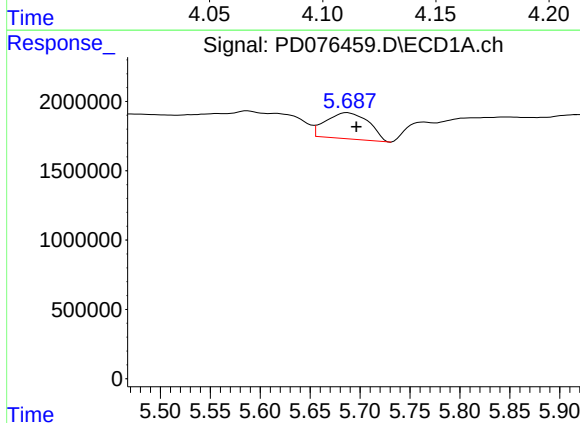
R.T.: 4.771 min  
Delta R.T.: -0.008 min  
Response: 4748577  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



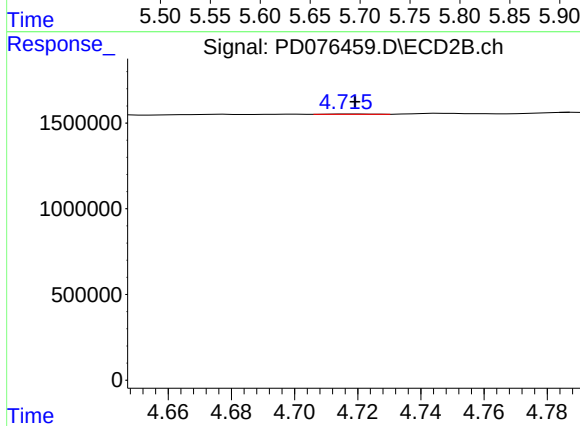
#7 delta-BHC

R.T.: 4.123 min  
Delta R.T.: -0.001 min  
Response: 103482  
Conc: 0.05 ng/ml



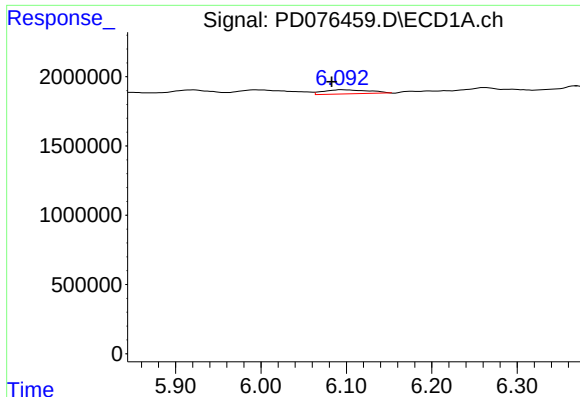
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.009 min  
Response: 5650509  
Conc: 1.17 ng/ml



#8 Heptachlor epoxide

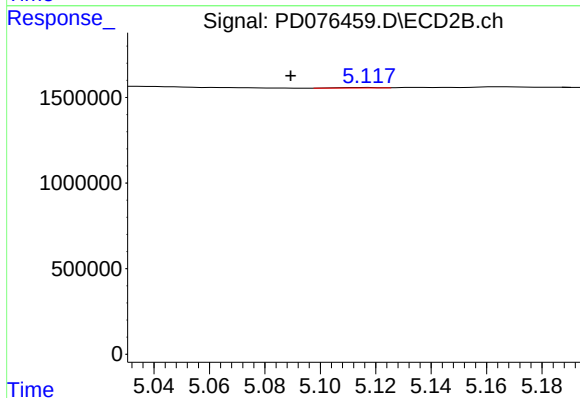
R.T.: 4.718 min  
Delta R.T.: -0.002 min  
Response: 13270  
Conc: 0.01 ng/ml



#9 Endosulfan I

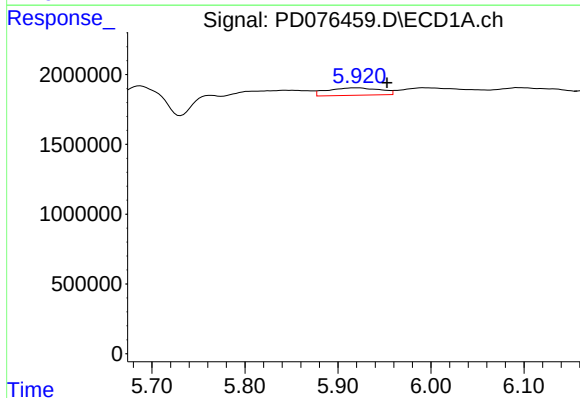
R.T.: 6.094 min  
Delta R.T.: 0.011 min  
Response: 1138732  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



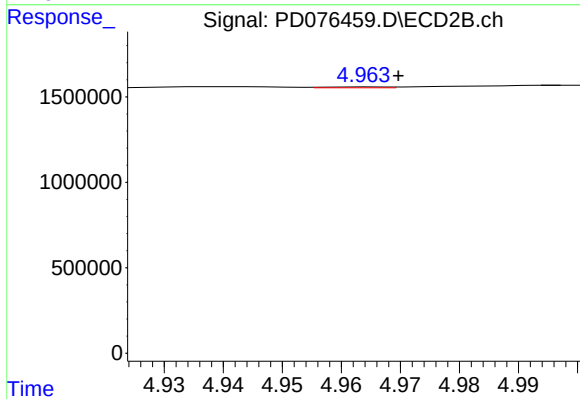
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: 0.028 min  
Response: 30530  
Conc: 0.02 ng/ml



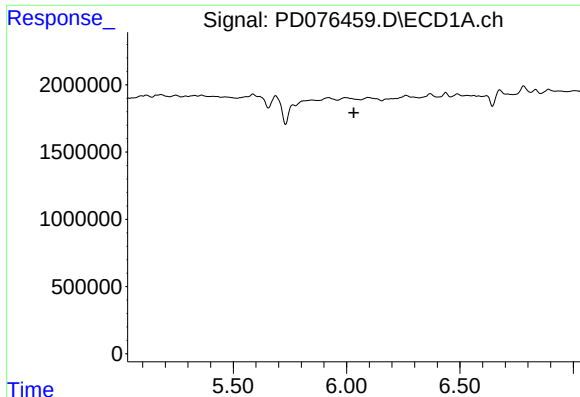
#10 gamma-Chlordane

R.T.: 5.921 min  
Delta R.T.: -0.032 min  
Response: 2109512  
Conc: 0.43 ng/ml



#10 gamma-Chlordane

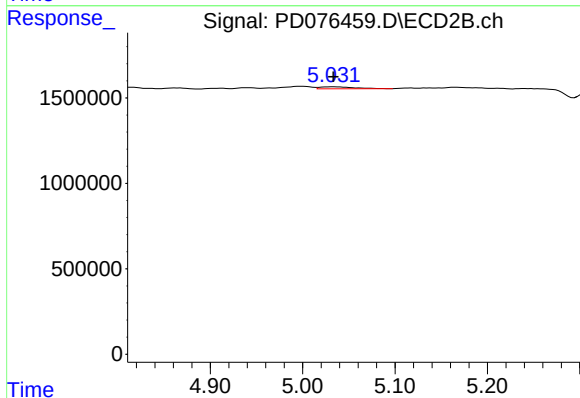
R.T.: 4.965 min  
Delta R.T.: -0.005 min  
Response: 40752  
Conc: 0.02 ng/ml



#11 alpha-Chlordane

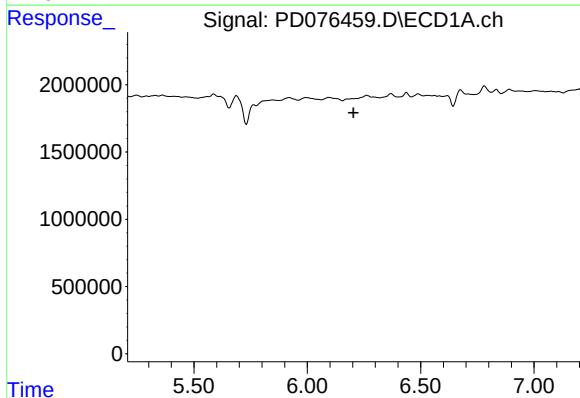
R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



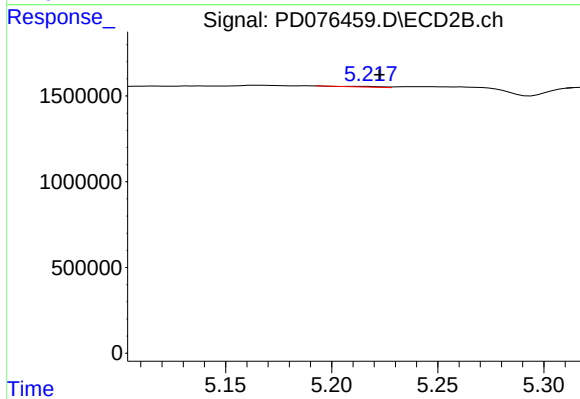
#11 alpha-Chlordane

R.T.: 5.032 min  
Delta R.T.: -0.001 min  
Response: 294859  
Conc: 0.15 ng/ml



#12 4,4'-DDE

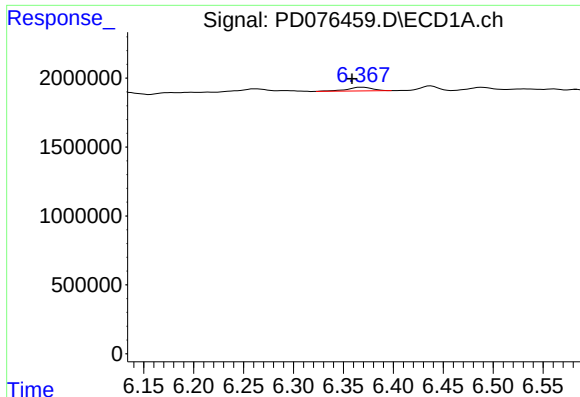
R.T.: 0.000 min  
Exp R.T.: 6.204 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.212 min  
Delta R.T.: -0.011 min  
Response: 42166  
Conc: 0.03 ng/ml

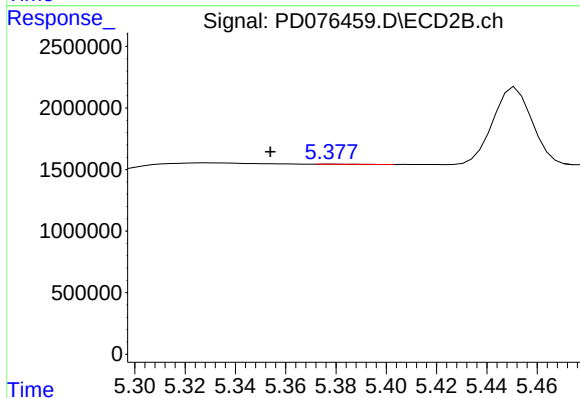




#13 Dieldrin

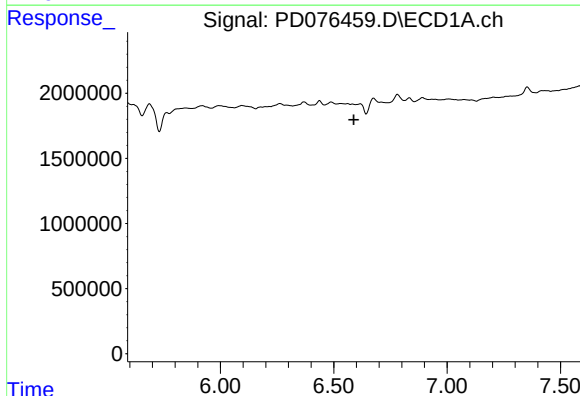
R.T.: 6.369 min  
Delta R.T.: 0.010 min  
Response: 484960  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



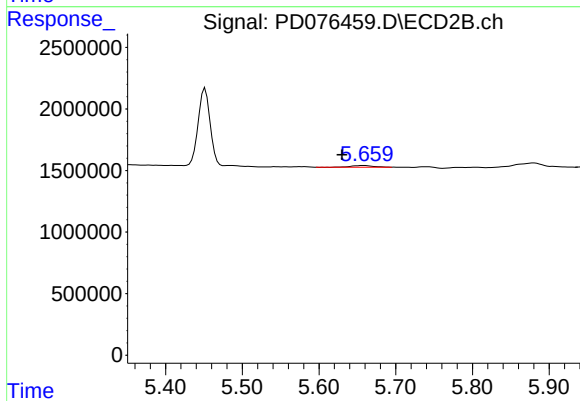
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: 0.024 min  
Response: 3691  
Conc: 0.00 ng/ml



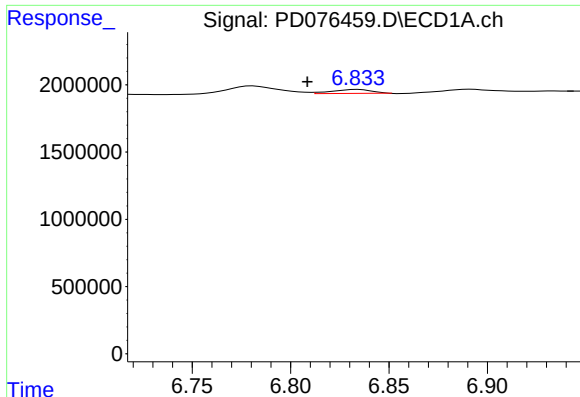
#14 Endrin

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



#14 Endrin

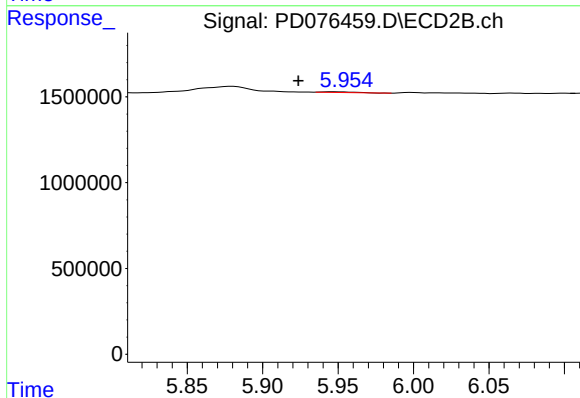
R.T.: 5.659 min  
Delta R.T.: 0.029 min  
Response: 259706  
Conc: 0.15 ng/ml



#15 Endosulfan II

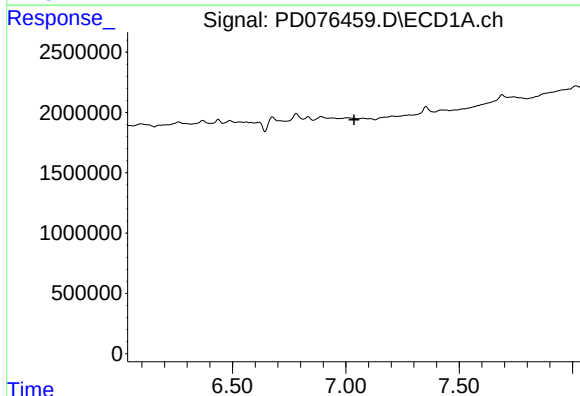
R.T.: 6.834 min  
Delta R.T.: 0.026 min  
Response: 415150  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



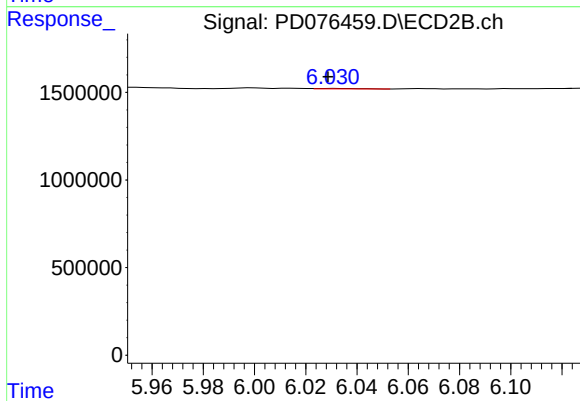
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: 0.025 min  
Response: 56848  
Conc: 0.04 ng/ml



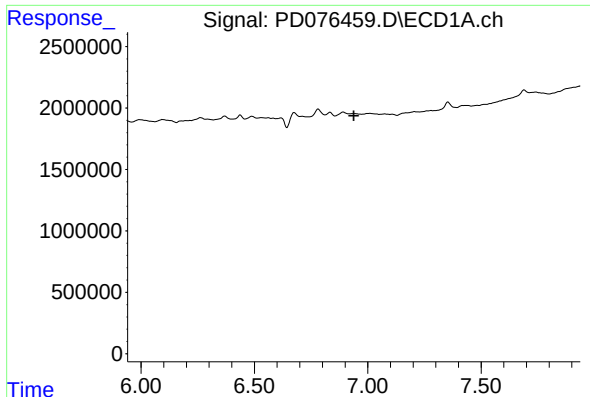
#17 4,4'-DDT

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



#17 4,4'-DDT

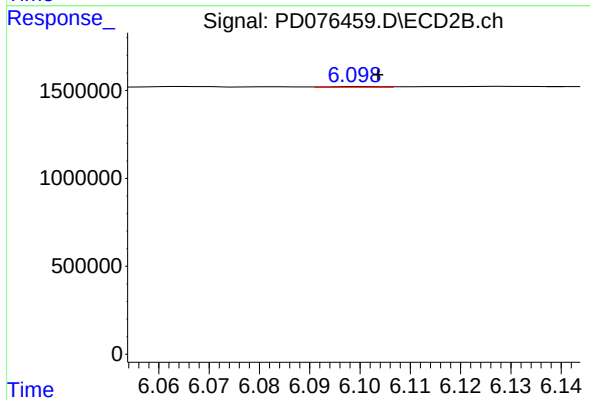
R.T.: 6.030 min  
Delta R.T.: 0.002 min  
Response: 32854  
Conc: 0.03 ng/ml



#18 Endrin aldehyde

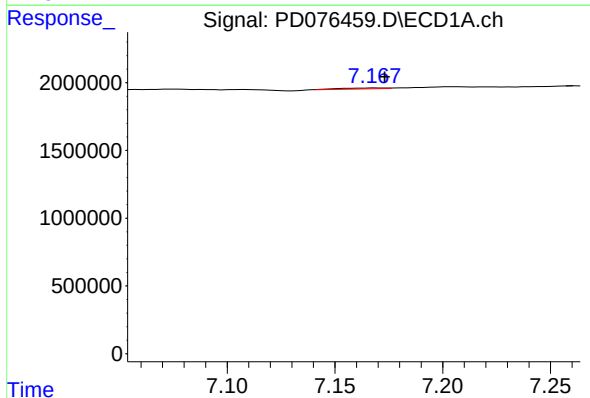
R.T.: 0.000 min  
Exp R.T.: 6.938 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



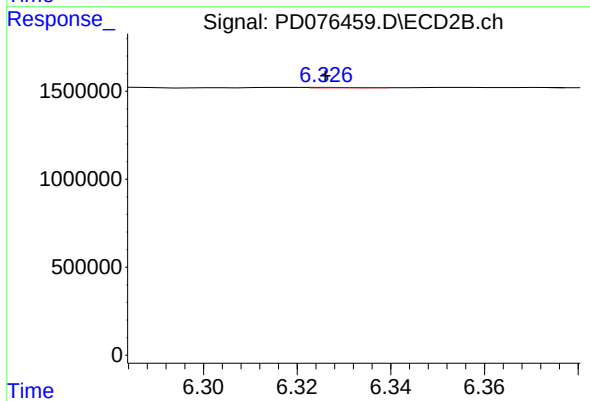
#18 Endrin aldehyde

R.T.: 6.100 min  
Delta R.T.: -0.003 min  
Response: 23730  
Conc: 0.02 ng/ml



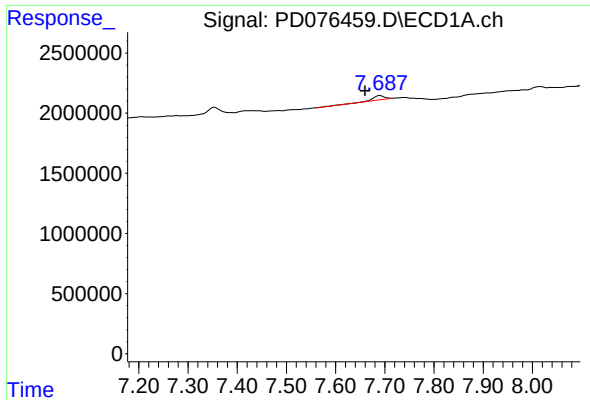
#19 Endosulfan Sulfate

R.T.: 7.170 min  
Delta R.T.: -0.004 min  
Response: 90532  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

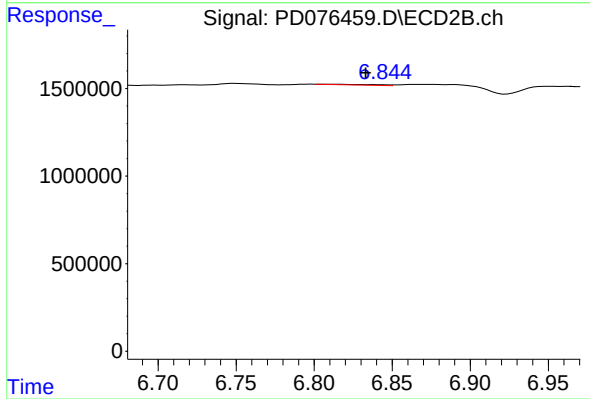
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 15368  
Conc: 0.01 ng/ml



#21 Endrin ketone

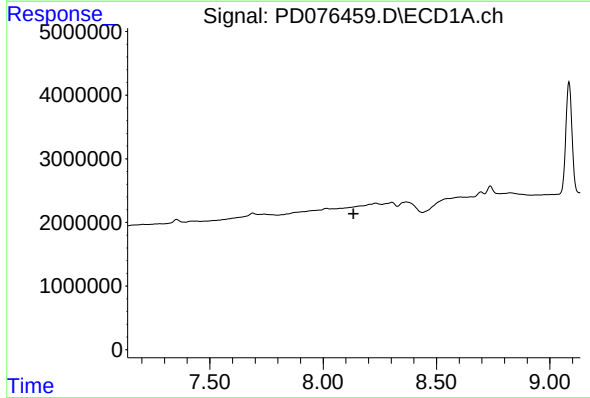
R.T.: 7.690 min  
Delta R.T.: 0.030 min  
Response: 511689  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



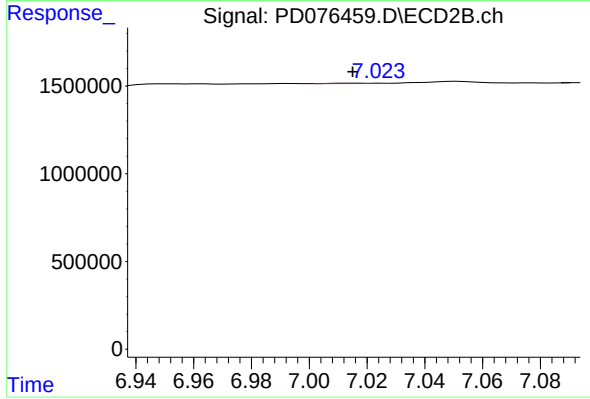
#21 Endrin ketone

R.T.: 6.814 min  
Delta R.T.: -0.019 min  
Response: 75489  
Conc: 0.04 ng/ml



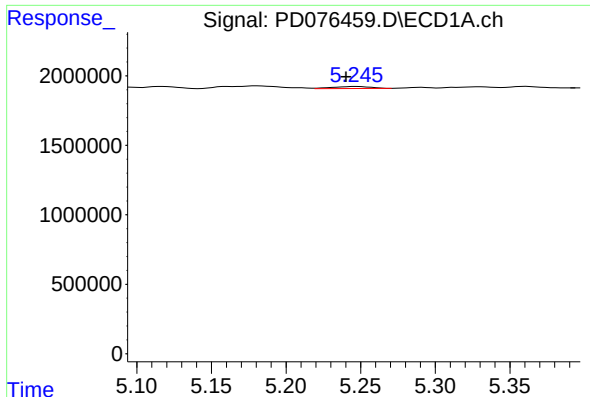
#22 Mirex

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



#22 Mirex

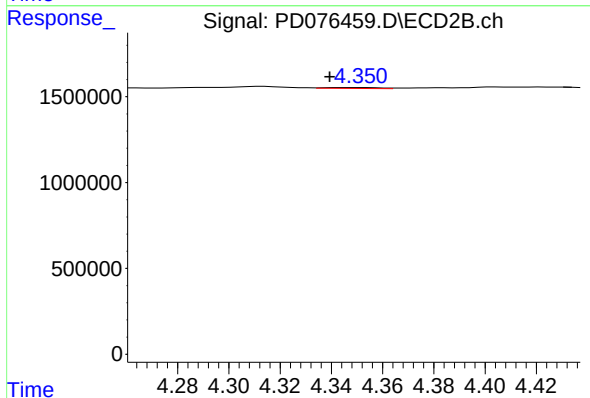
R.T.: 7.013 min  
Delta R.T.: -0.002 min  
Response: 20743  
Conc: 0.01 ng/ml



#24 Chlordane-2

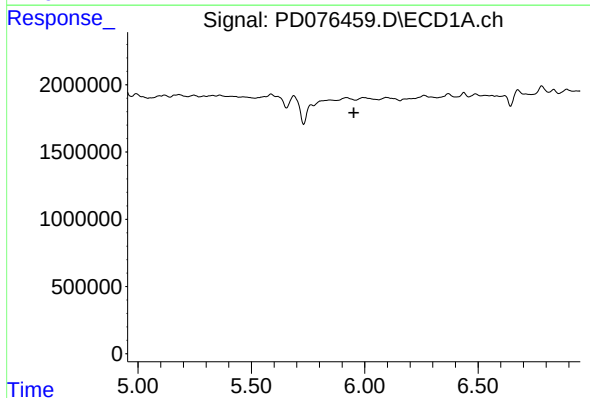
R.T.: 5.247 min  
Delta R.T.: 0.007 min  
Response: 254036  
Conc: 1.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



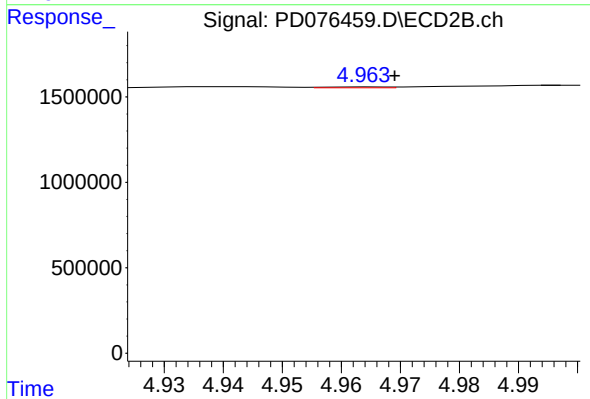
#24 Chlordane-2

R.T.: 4.346 min  
Delta R.T.: 0.007 min  
Response: 79030  
Conc: 1.63 ng/ml



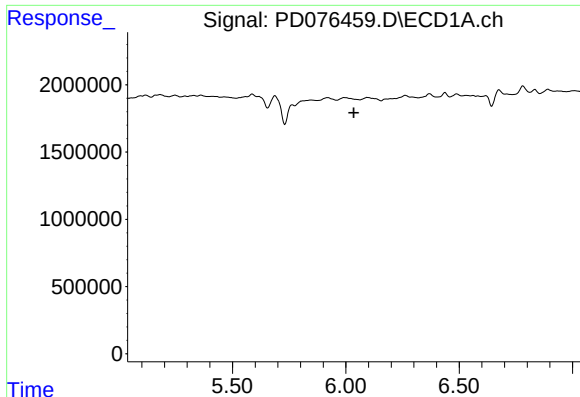
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

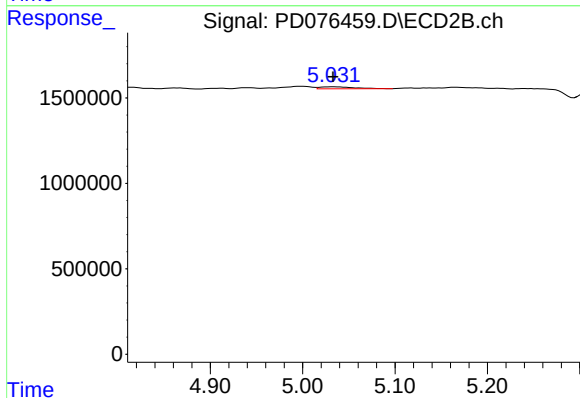
R.T.: 4.965 min  
Delta R.T.: -0.004 min  
Response: 40752  
Conc: 0.29 ng/ml



#26 Chlordane-4

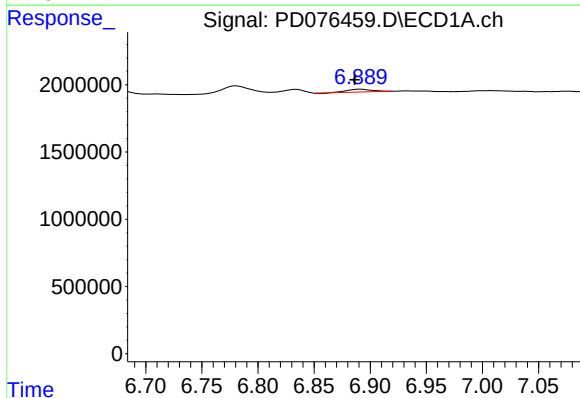
R.T.: 0.000 min  
Exp R.T.: 6.035 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



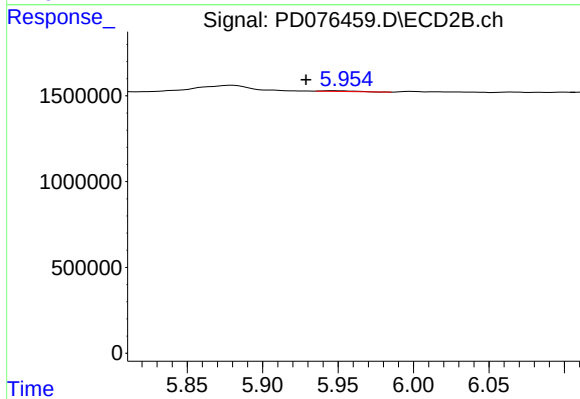
#26 Chlordane-4

R.T.: 5.032 min  
Delta R.T.: 0.000 min  
Response: 294859  
Conc: 2.09 ng/ml



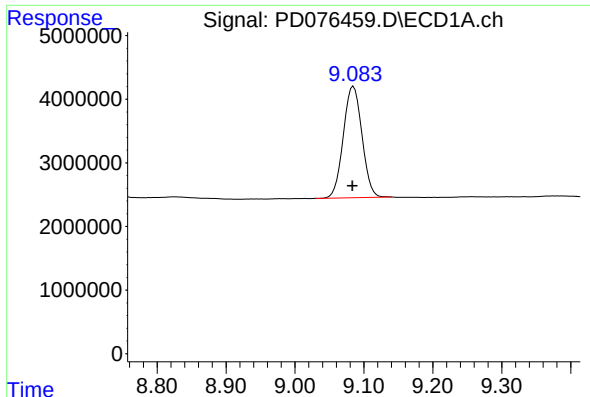
#27 Chlordane-5

R.T.: 6.891 min  
Delta R.T.: 0.005 min  
Response: 328369  
Conc: 3.36 ng/ml



#27 Chlordane-5

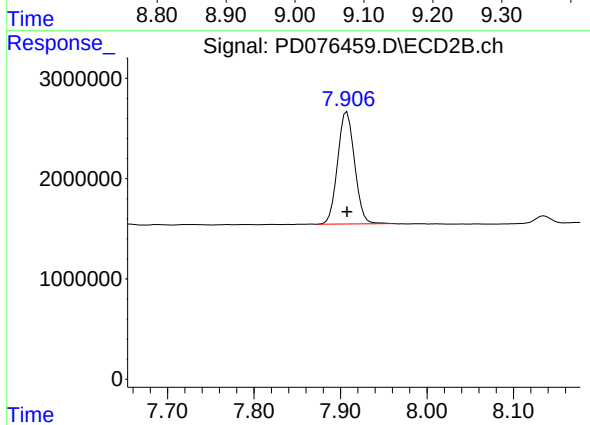
R.T.: 5.948 min  
Delta R.T.: 0.019 min  
Response: 56848  
Conc: 1.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.002 min  
Response: 32964038  
Conc: 9.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.000 min  
Response: 15163126  
Conc: 12.05 ng/ml