

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
 Data File : PD079564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 18:47  
 Operator : AR\AJ  
 Sample : 05270-01  
 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: Nov 08 20:20:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 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... | 3.568  | 2.803  | 15975609 | 24913565 | 9.895  | 10.761   |
| 28)                         | SA Decachlor... | 9.117  | 7.949  | 21438033 | 27817882 | 10.687 | 11.413   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.298  | 0        | 358739   | N.D.   | 0.103 #  |
| 4)                          | MA Heptachlor   | 4.979f | 0.000  | 2431809  | 0        | 0.909  | N.D. #   |
| 5)                          | MB Aldrin       | 5.295  | 4.259  | 2986864  | 4921215  | 1.159  | 1.504 #  |
| 7)                          | B delta-BHC     | 4.798  | 4.184f | 425651   | 1981838  | 0.159  | 0.592 #  |
| 8)                          | B Heptachlo...  | 5.745f | 4.765  | 1093063  | 447908   | 0.466  | 0.151 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.148  | 0        | 1021465  | N.D.   | 0.386 #  |
| 10)                         | B gamma-Chl...  | 5.979  | 5.013  | 4594024  | 1447358  | 2.004  | 0.504 #  |
| 11)                         | B alpha-Chl...  | 6.061  | 5.076  | 7732203  | 7156033  | 3.391  | 2.494 #  |
| 12)                         | B 4,4'-DDE      | 6.216  | 5.265  | 617992   | 3490990  | 0.292  | 1.311 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.399  | 0        | 4282917  | N.D.   | 1.442 #  |
| 14)                         | MA Endrin       | 0.000  | 5.682  | 0        | 219788   | N.D.   | 0.086 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.970  | 0        | 1149582  | N.D.   | 0.460 #  |
| 16)                         | A 4,4'-DDD      | 6.744  | 5.821  | 189896   | 422782   | 0.108  | 0.185 #  |
| 17)                         | MA 4,4'-DDT     | 7.061  | 6.066  | 262822   | 700351   | 0.139  | 0.306 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.161  | 0        | 519754   | N.D.   | 0.280 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.677f | 0        | 96422    | N.D.   | 0.071 #  |
| 21)                         | B Endrin ke...  | 7.658f | 0.000  | 193846   | 0        | 0.089  | N.D. #   |
| 22)                         | Mirex           | 8.188f | 0.000  | 177921   | 0        | 0.105  | N.D. #   |
| 24)                         | Chlordane-2     | 5.263  | 4.381  | 918977   | 1683520  | 11.512 | 18.529 # |
| 25)                         | Chlordane-3     | 5.979  | 5.013  | 4594024  | 1447358  | 14.819 | 5.426 #  |
| 26)                         | Chlordane-4     | 6.061  | 5.076  | 7732203  | 7156033  | 20.812 | 29.163 # |
| 27)                         | Chlordane-5     | 6.915  | 5.970  | 332766   | 1149582  | 4.736  | 11.535 # |
| -----                       |                 |        |        |          |          |        |          |

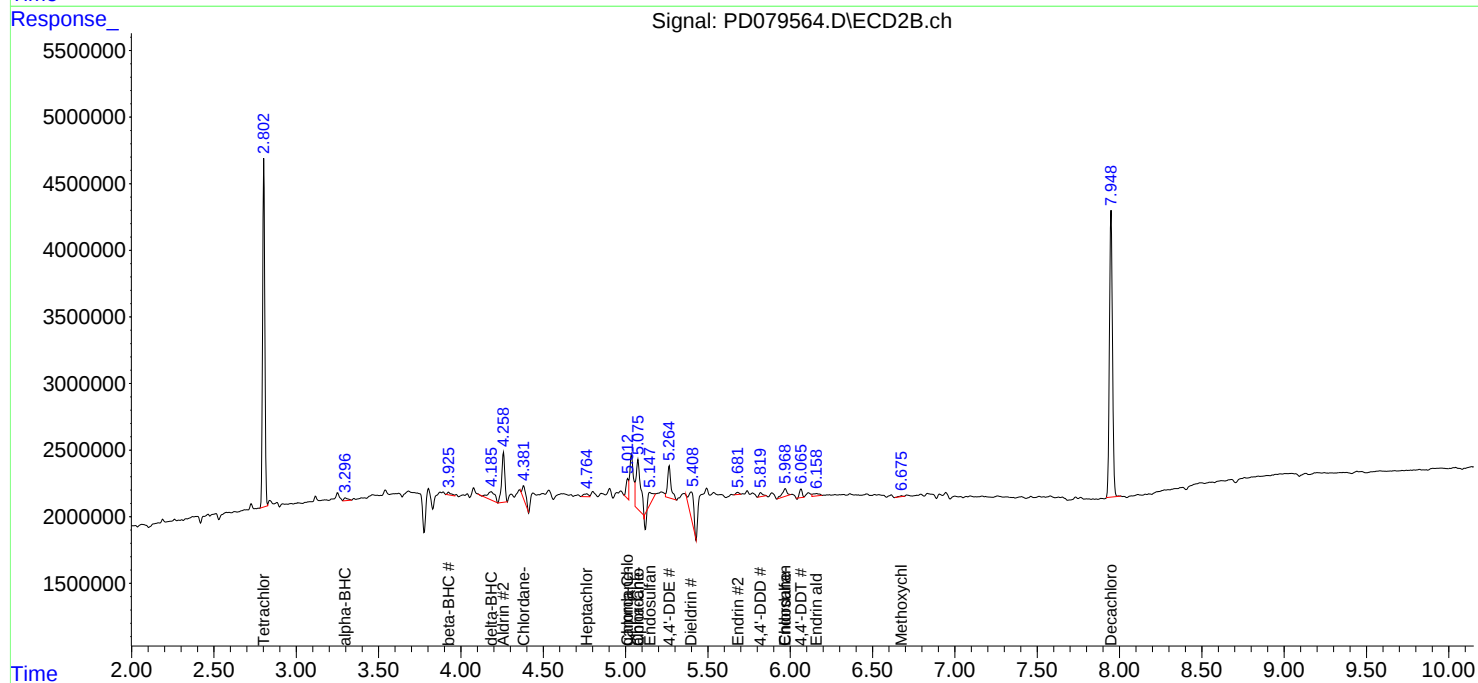
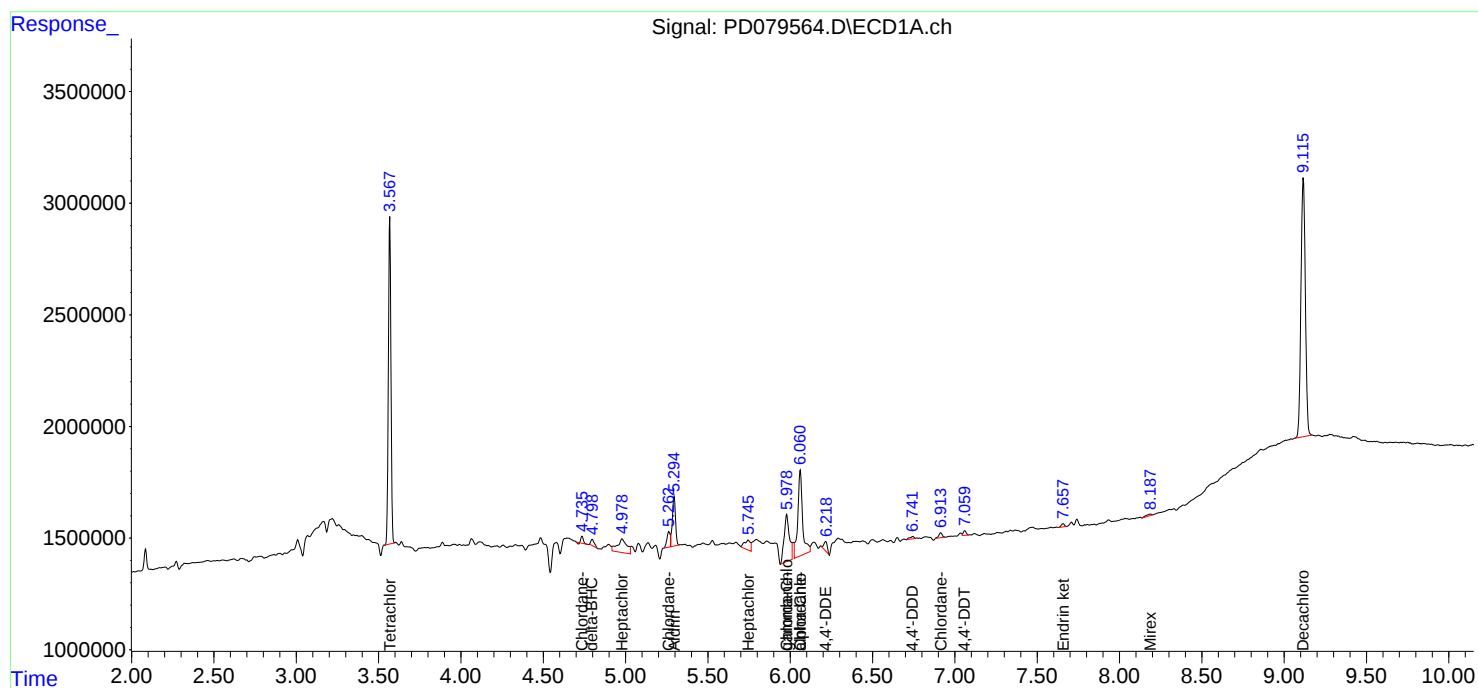
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

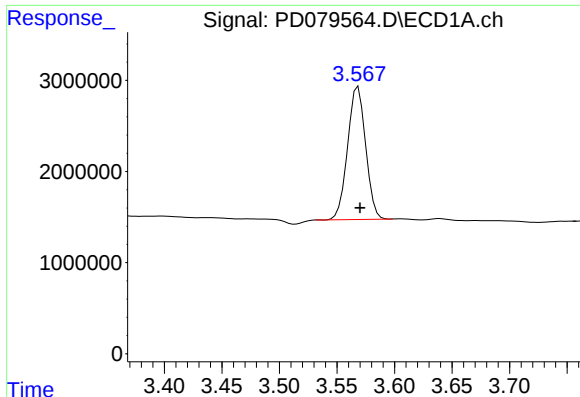
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
Data File : PD079564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 18:47  
Operator : AR\AJ  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Nov 08 20:20:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
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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

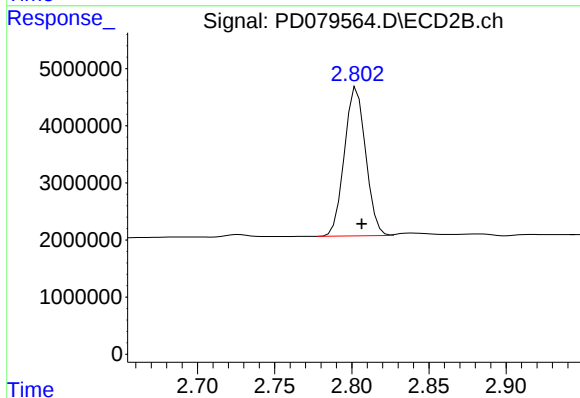




#1 Tetrachloro-m-xylene

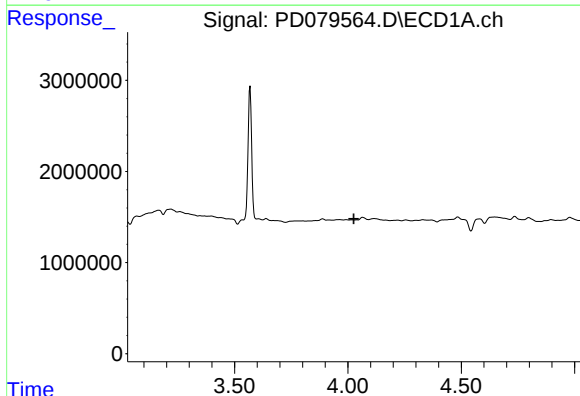
R.T.: 3.568 min  
Delta R.T.: -0.002 min  
Response: 15975609  
Conc: 9.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



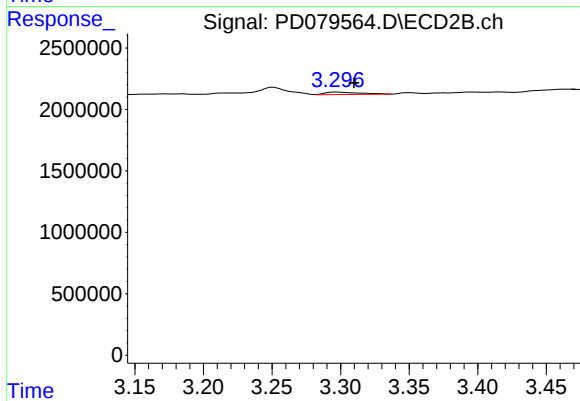
#1 Tetrachloro-m-xylene

R.T.: 2.803 min  
Delta R.T.: -0.003 min  
Response: 24913565  
Conc: 10.76 ng/ml



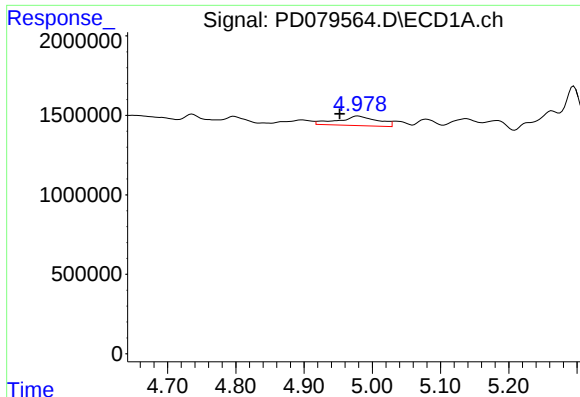
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.026 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

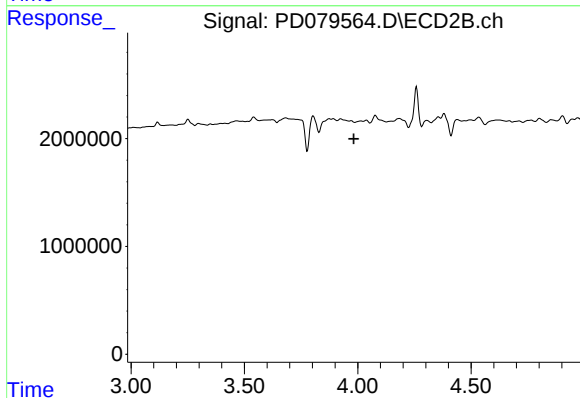
R.T.: 3.298 min  
Delta R.T.: -0.012 min  
Response: 358739  
Conc: 0.10 ng/ml



#4 Heptachlor

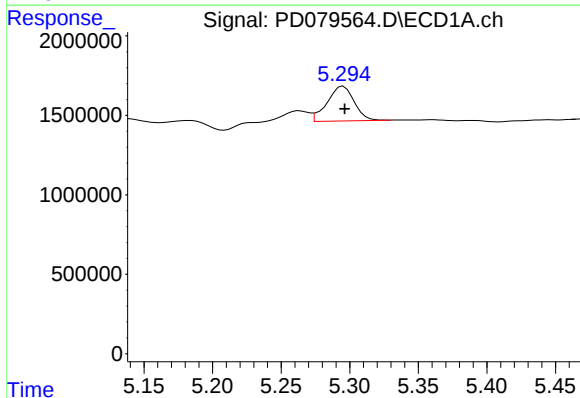
R.T.: 4.979 min  
Delta R.T.: 0.027 min  
Response: 2431809  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



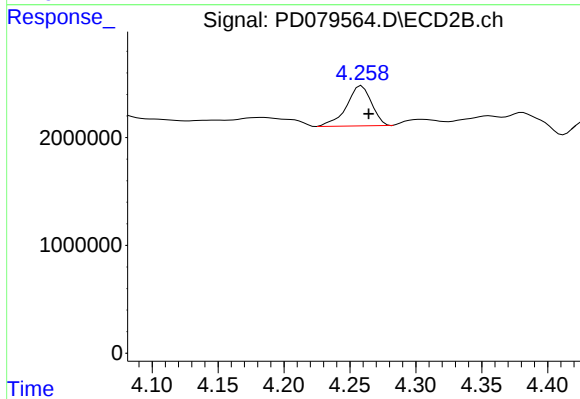
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 3.983 min  
Response: 0  
Conc: N.D.



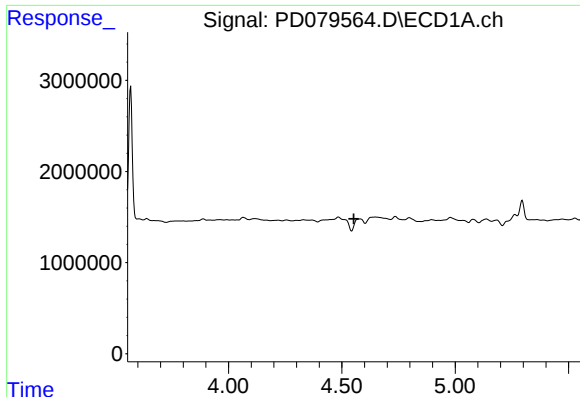
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 2986864  
Conc: 1.16 ng/ml



#5 Aldrin

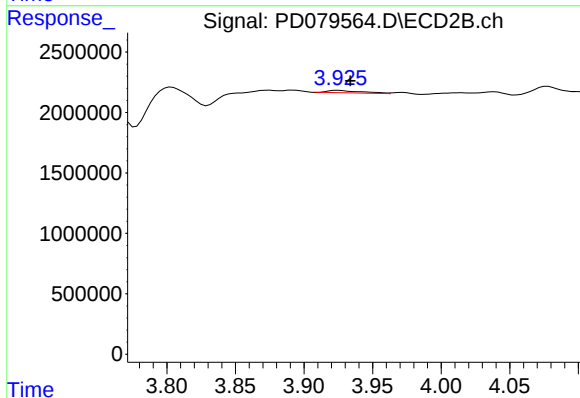
R.T.: 4.259 min  
Delta R.T.: -0.005 min  
Response: 4921215  
Conc: 1.50 ng/ml



#6 beta-BHC

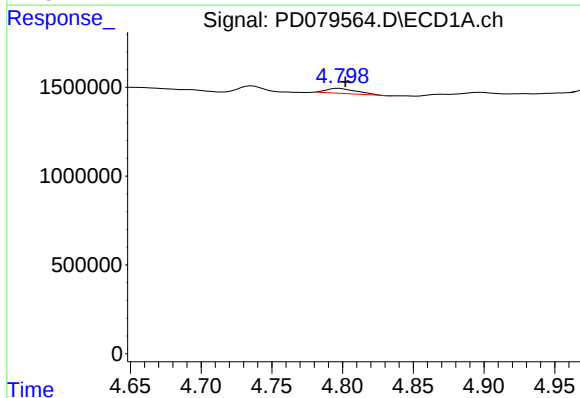
R.T.: 4.581 min  
Delta R.T.: 0.029 min  
Response: -1056263  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



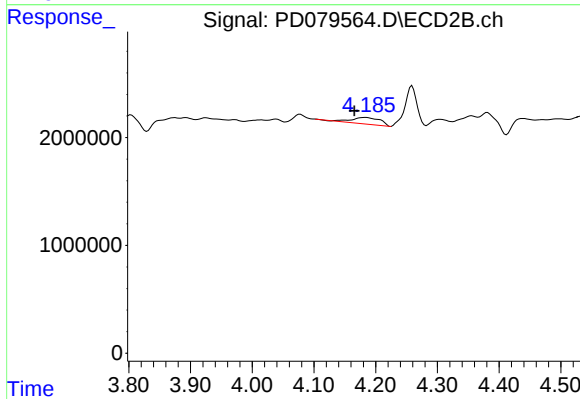
#6 beta-BHC

R.T.: 3.925 min  
Delta R.T.: -0.009 min  
Response: 353854  
Conc: 0.25 ng/ml



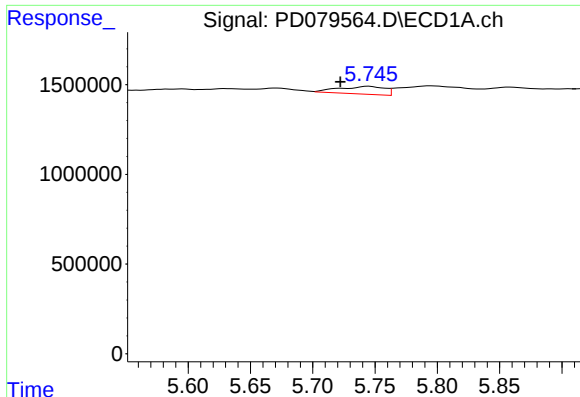
#7 delta-BHC

R.T.: 4.798 min  
Delta R.T.: -0.004 min  
Response: 425651  
Conc: 0.16 ng/ml



#7 delta-BHC

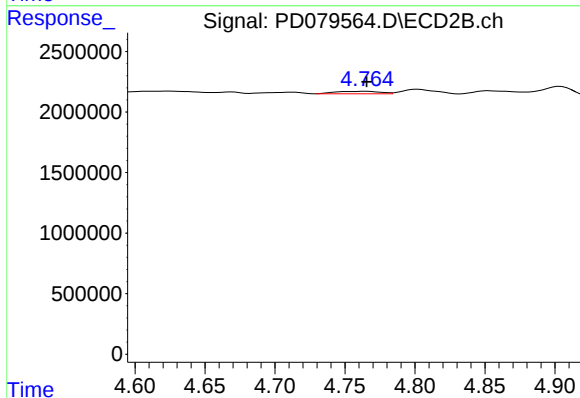
R.T.: 4.184 min  
Delta R.T.: 0.019 min  
Response: 1981838  
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

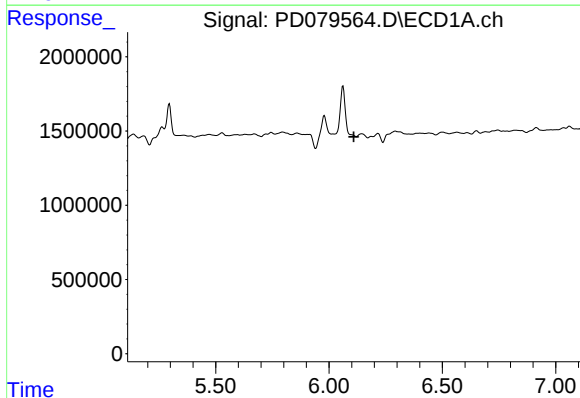
R.T.: 5.745 min  
Delta R.T.: 0.023 min  
Response: 1093063  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



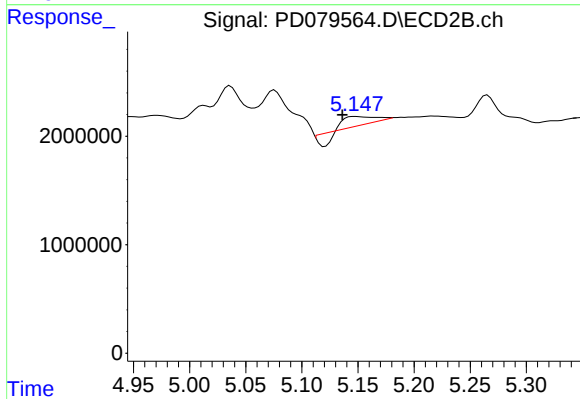
#8 Heptachlor epoxide

R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 447908  
Conc: 0.15 ng/ml



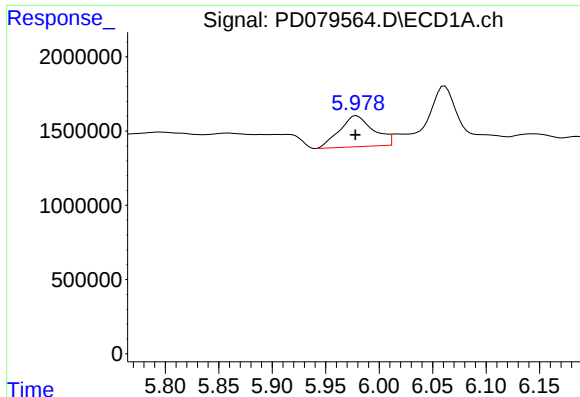
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.109 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

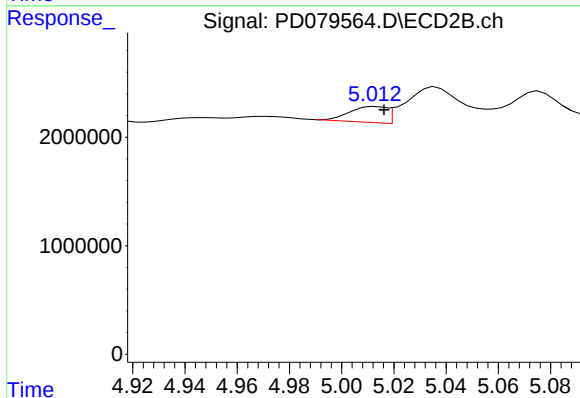
R.T.: 5.148 min  
Delta R.T.: 0.012 min  
Response: 1021465  
Conc: 0.39 ng/ml



#10 gamma-Chlordane

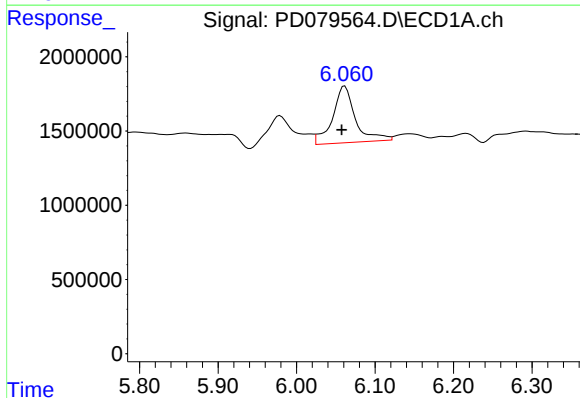
R.T.: 5.979 min  
Delta R.T.: 0.001 min  
Response: 4594024  
Conc: 2.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



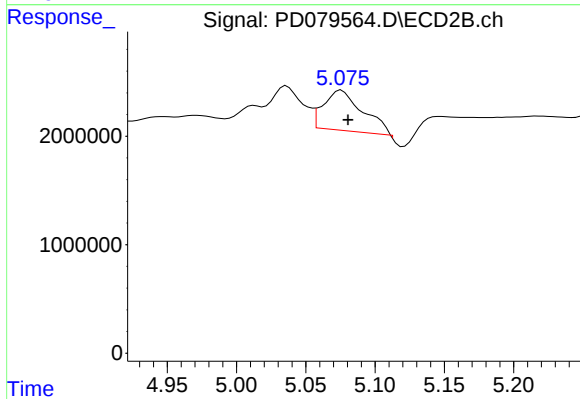
#10 gamma-Chlordane

R.T.: 5.013 min  
Delta R.T.: -0.003 min  
Response: 1447358  
Conc: 0.50 ng/ml



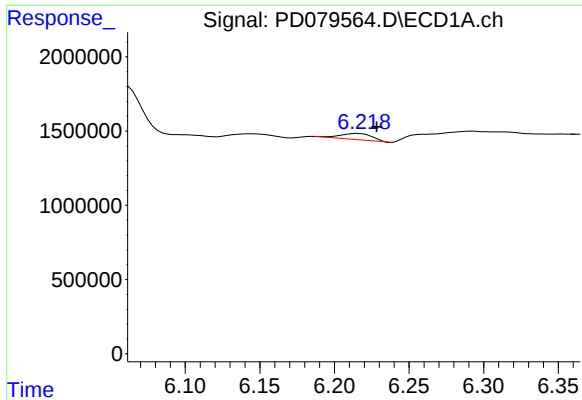
#11 alpha-Chlordane

R.T.: 6.061 min  
Delta R.T.: 0.004 min  
Response: 7732203  
Conc: 3.39 ng/ml



#11 alpha-Chlordane

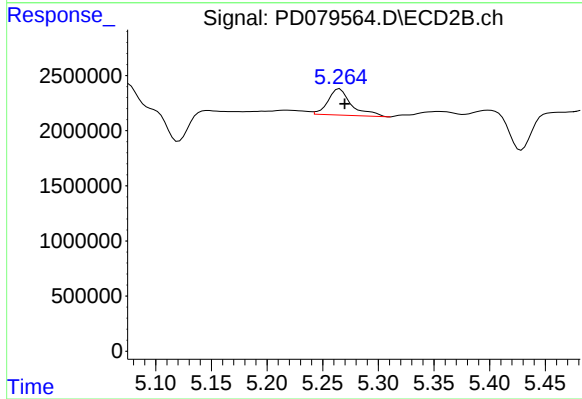
R.T.: 5.076 min  
Delta R.T.: -0.005 min  
Response: 7156033  
Conc: 2.49 ng/ml



#12 4,4'-DDE

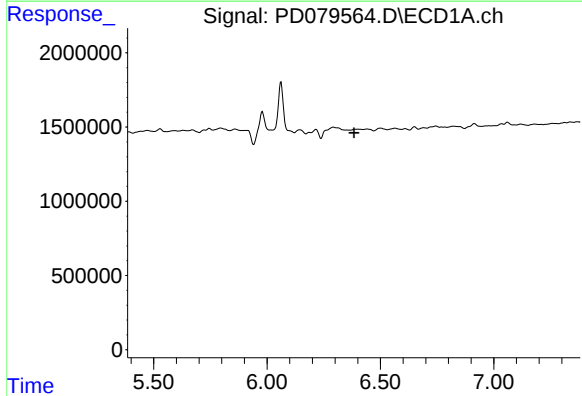
R.T.: 6.216 min  
Delta R.T.: -0.012 min  
Response: 617992  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



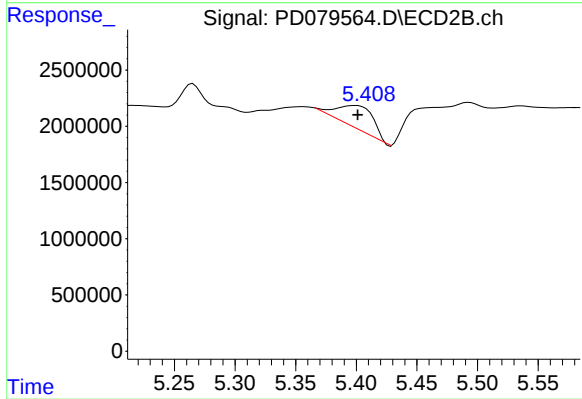
#12 4,4'-DDE

R.T.: 5.265 min  
Delta R.T.: -0.005 min  
Response: 3490990  
Conc: 1.31 ng/ml



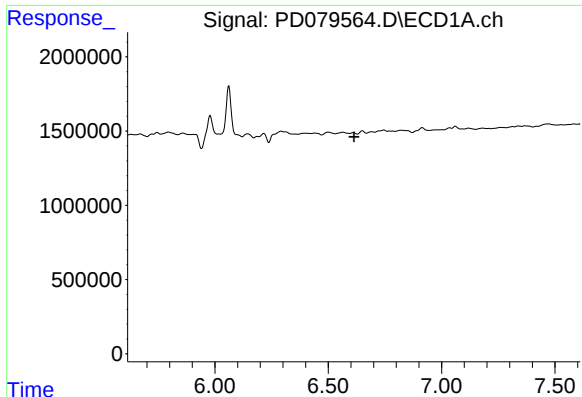
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.384 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

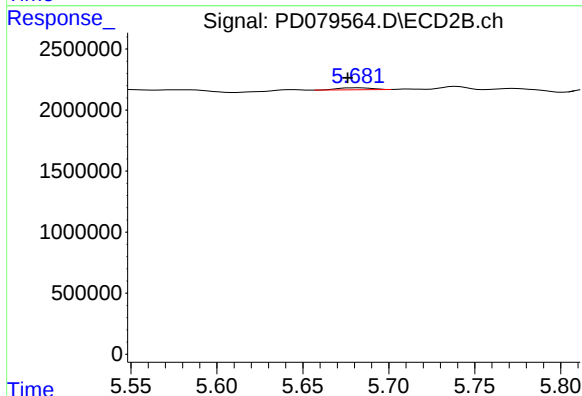
R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 4282917  
Conc: 1.44 ng/ml



#14 Endrin

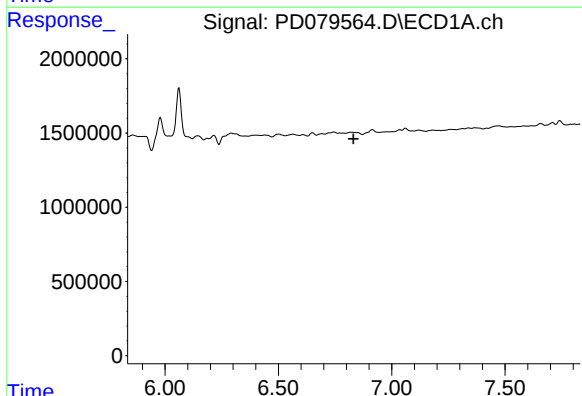
R.T.: 0.000 min  
Exp R.T.: 6.614 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



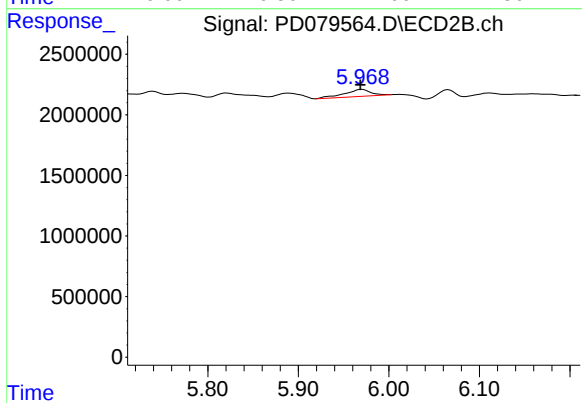
#14 Endrin

R.T.: 5.682 min  
Delta R.T.: 0.006 min  
Response: 219788  
Conc: 0.09 ng/ml



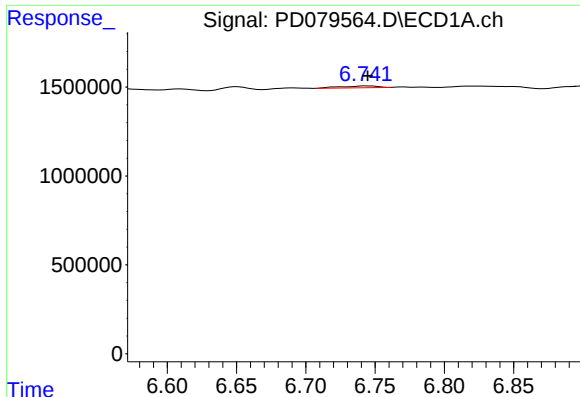
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.832 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

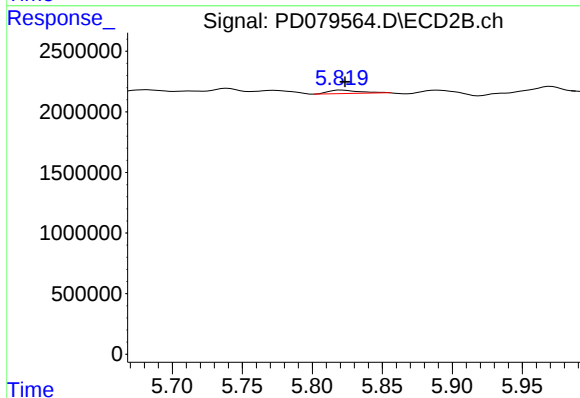
R.T.: 5.970 min  
Delta R.T.: 0.002 min  
Response: 1149582  
Conc: 0.46 ng/ml



#16 4,4'-DDD

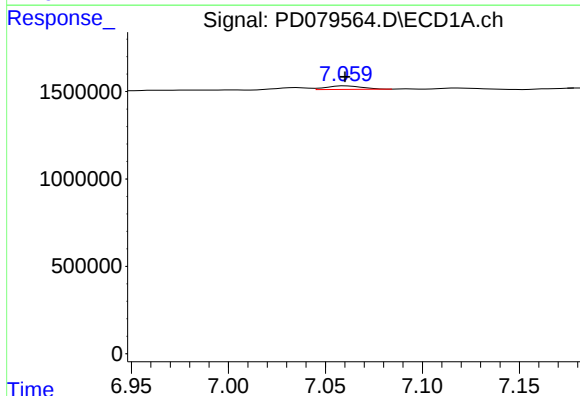
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 189896  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



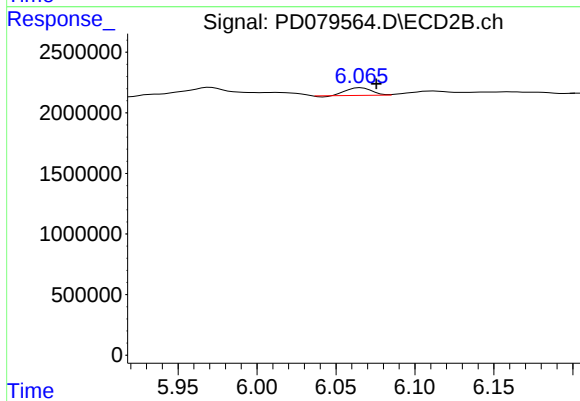
#16 4,4'-DDD

R.T.: 5.821 min  
Delta R.T.: -0.003 min  
Response: 422782  
Conc: 0.19 ng/ml



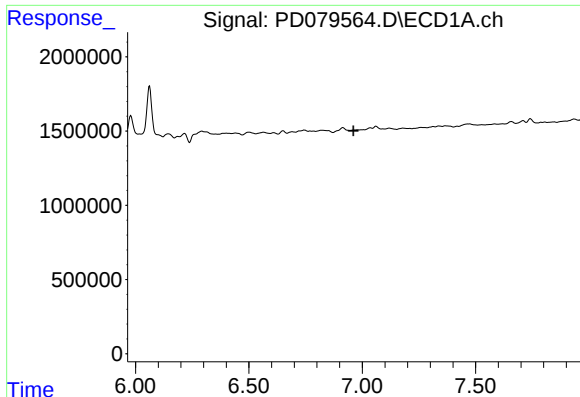
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 262822  
Conc: 0.14 ng/ml



#17 4,4'-DDT

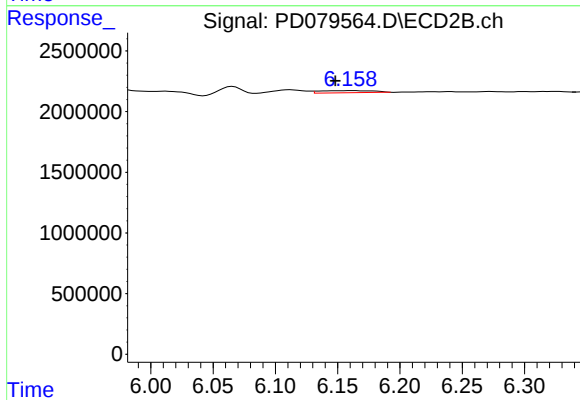
R.T.: 6.066 min  
Delta R.T.: -0.010 min  
Response: 700351  
Conc: 0.31 ng/ml



#18 Endrin aldehyde

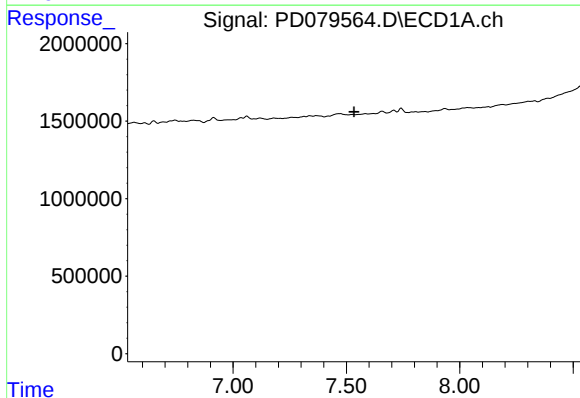
R.T.: 0.000 min  
Exp R.T.: 6.962 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



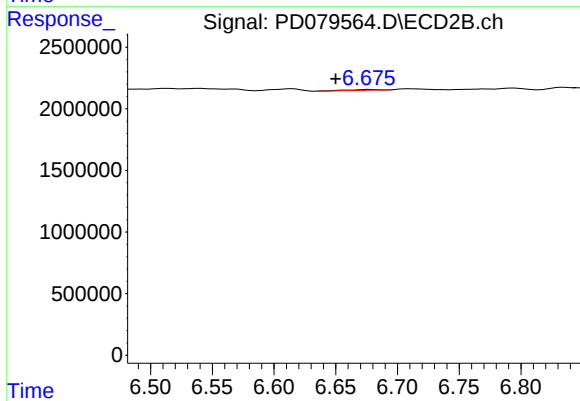
#18 Endrin aldehyde

R.T.: 6.161 min  
Delta R.T.: 0.013 min  
Response: 519754  
Conc: 0.28 ng/ml



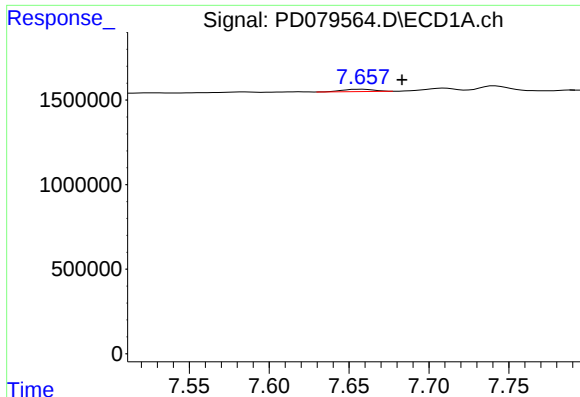
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.534 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

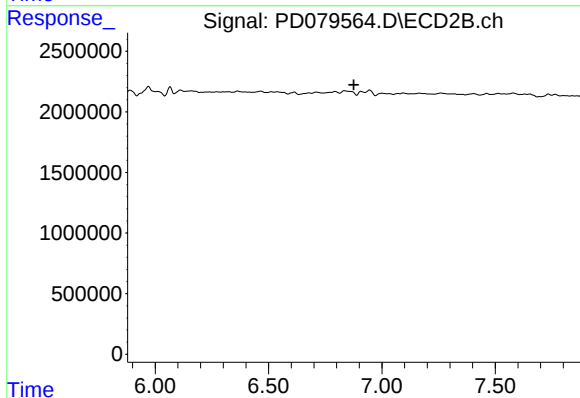
R.T.: 6.677 min  
Delta R.T.: 0.027 min  
Response: 96422  
Conc: 0.07 ng/ml



#21 Endrin ketone

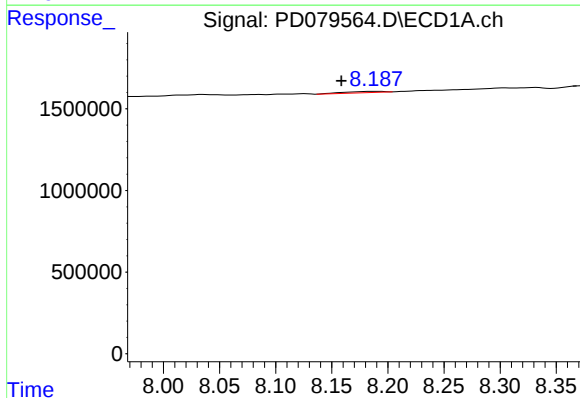
R.T.: 7.658 min  
Delta R.T.: -0.025 min  
Response: 193846  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



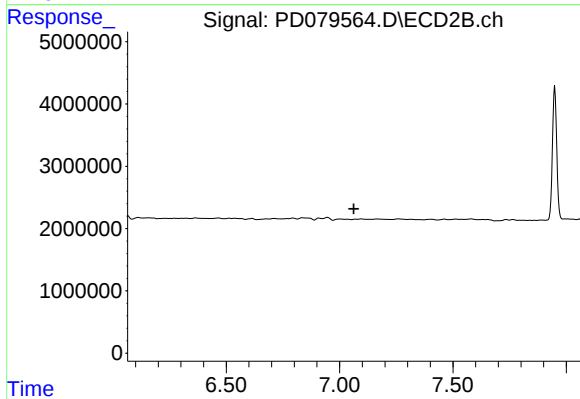
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



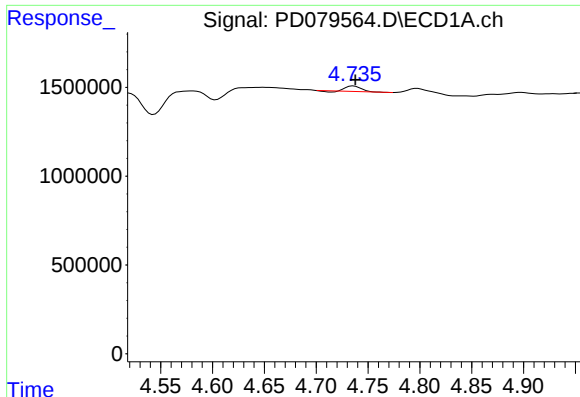
#22 Mirex

R.T.: 8.188 min  
Delta R.T.: 0.030 min  
Response: 177921  
Conc: 0.11 ng/ml



#22 Mirex

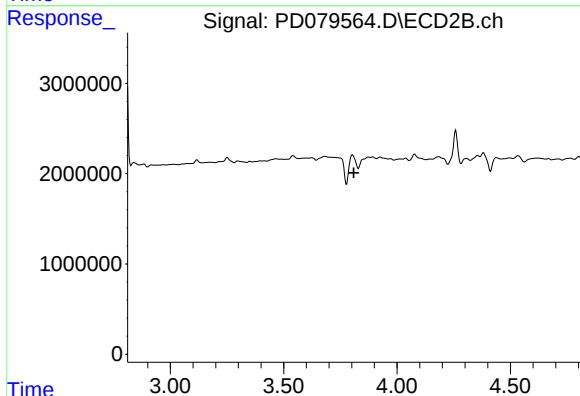
R.T.: 0.000 min  
Exp R.T. : 7.062 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

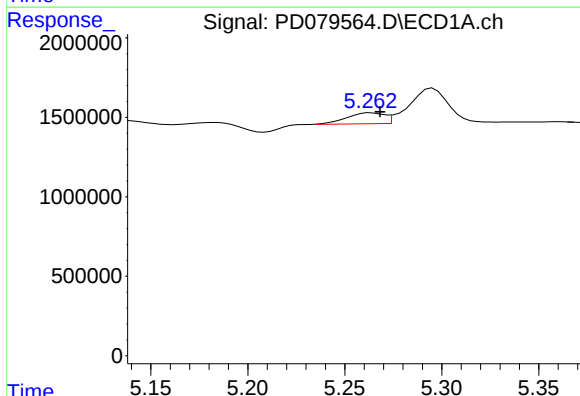
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 278749  
Conc: 3.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



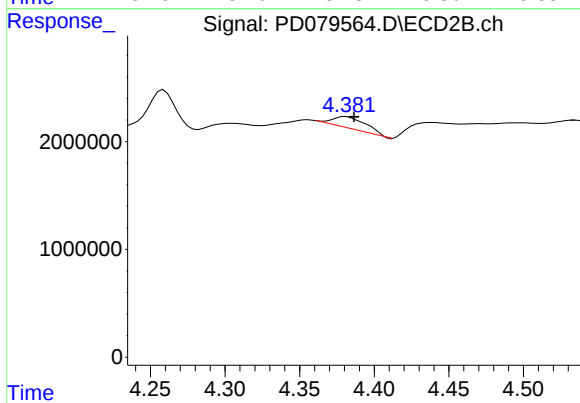
#23 Chlordane-1

R.T.: 3.803 min  
Delta R.T.: -0.006 min  
Response: -814437  
Conc: N.D.



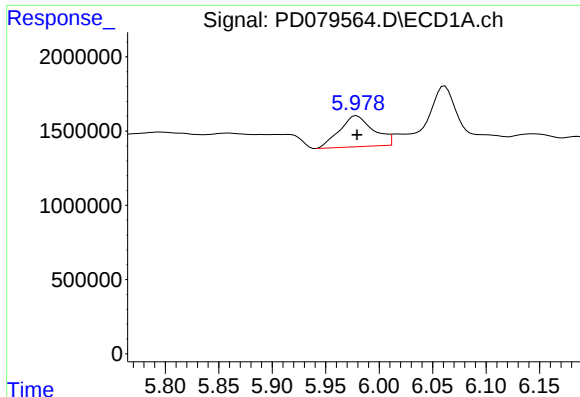
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: -0.005 min  
Response: 918977  
Conc: 11.51 ng/ml



#24 Chlordane-2

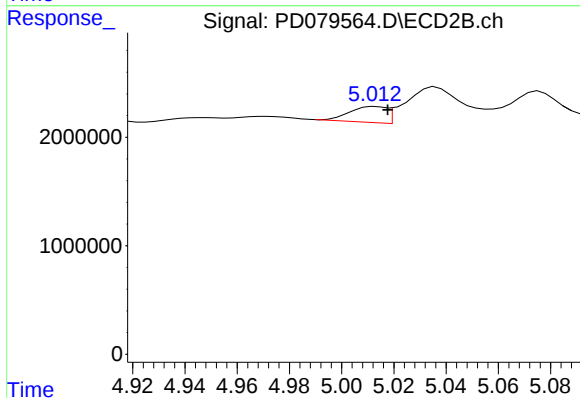
R.T.: 4.381 min  
Delta R.T.: -0.005 min  
Response: 1683520  
Conc: 18.53 ng/ml



#25 Chlordane-3

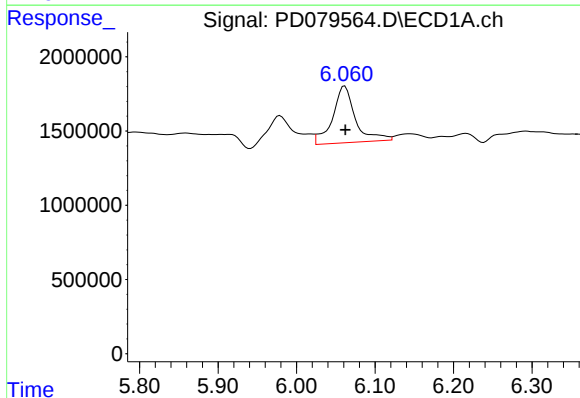
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 4594024  
Conc: 14.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



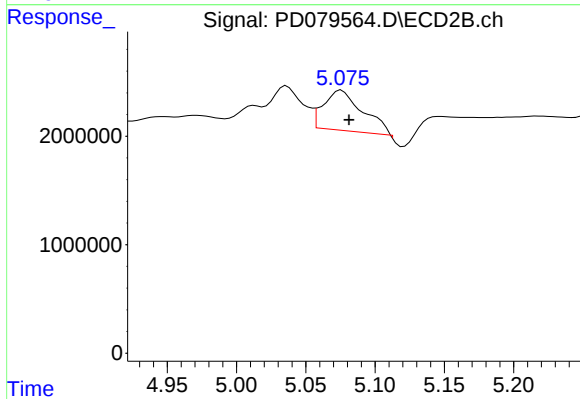
#25 Chlordane-3

R.T.: 5.013 min  
Delta R.T.: -0.005 min  
Response: 1447358  
Conc: 5.43 ng/ml



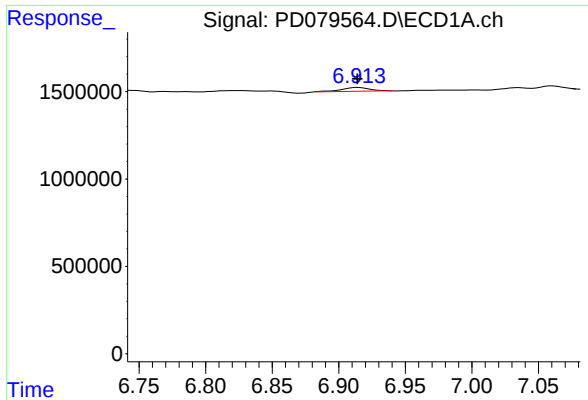
#26 Chlordane-4

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 7732203  
Conc: 20.81 ng/ml



#26 Chlordane-4

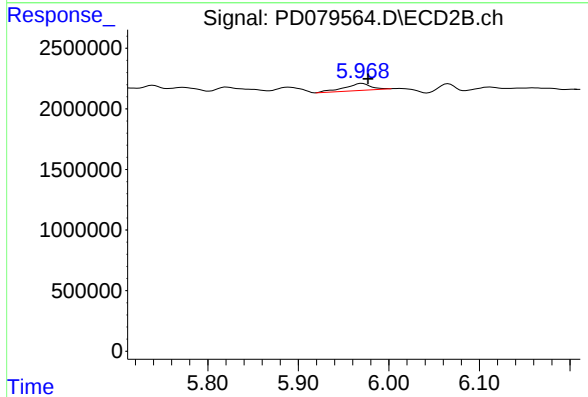
R.T.: 5.076 min  
Delta R.T.: -0.006 min  
Response: 7156033  
Conc: 29.16 ng/ml



#27 Chlordane-5

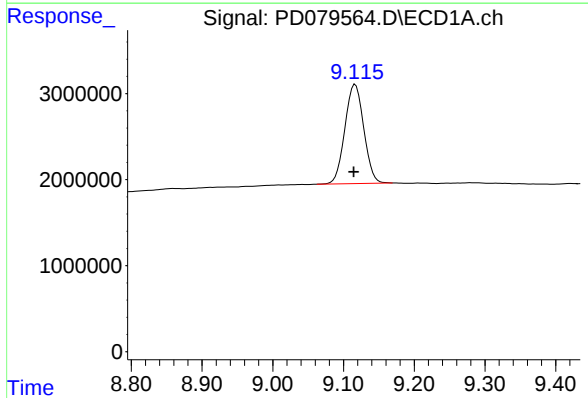
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 332766  
Conc: 4.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



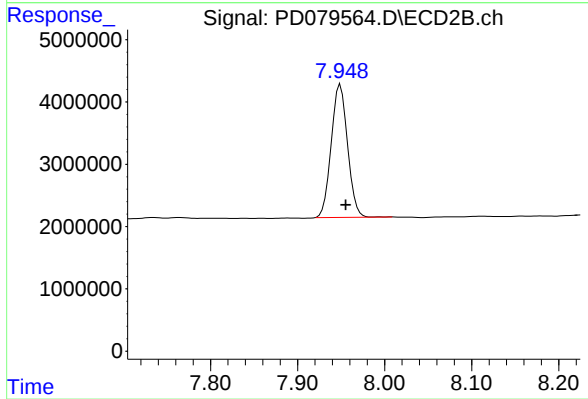
#27 Chlordane-5

R.T.: 5.970 min  
Delta R.T.: -0.006 min  
Response: 1149582  
Conc: 11.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min  
Delta R.T.: 0.002 min  
Response: 21438033  
Conc: 10.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.006 min  
Response: 27817882  
Conc: 11.41 ng/ml