

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081323\  
 Data File : PD077145.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2023 04:15  
 Operator : AR\AJ  
 Sample : 03985-07  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 04:36:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 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... | 3.544  | 2.765  | 14736669 | 12722489 | 6.227  | 9.340 #  |
| 28)                         | SA Decachlor... | 9.084  | 7.902  | 23700055 | 14225587 | 8.649  | 9.940    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.998  | 3.280f | 13697    | 2108401  | 0.004  | 1.090 #  |
| 3)                          | MA gamma-BHC... | 4.342  | 0.000  | 1034324  | 0        | 0.281  | N.D. #   |
| 5)                          | MB Aldrin       | 5.259  | 4.211  | 1450110  | 1867914  | 0.392  | 1.009 #  |
| 7)                          | B delta-BHC     | 4.772  | 4.142f | 1059632  | 1806283  | 0.304  | 1.015 #  |
| 8)                          | B Heptachlo...  | 5.692  | 4.713  | 2090232  | 2043769  | 0.631  | 1.222 #  |
| 9)                          | A Endosulfan I  | 6.114f | 5.075  | 4226611  | 1162197  | 1.391  | 0.745 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.978  | 0        | 3485808  | N.D.   | 2.101 #  |
| 11)                         | B alpha-Chl...  | 6.043  | 5.053f | 15332248 | 1750556  | 4.676  | 1.048 #  |
| 12)                         | B 4,4'-DDE      | 6.182f | 5.211  | 222707   | 758560   | 0.075  | 0.523 #  |
| 13)                         | MA Dieldrin     | 6.372  | 5.356  | 429513   | 1566909  | 0.131  | 0.930 #  |
| 14)                         | MA Endrin       | 6.597  | 5.642f | 267962   | 3409855  | 0.096  | 2.330 #  |
| 15)                         | B Endosulfa...  | 6.805  | 0.000  | 2749961  | 0        | 0.864  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.016  | 0        | 1044170  | N.D.   | 0.939 #  |
| 18)                         | B Endrin al...  | 6.945  | 6.127f | 847255   | 1997592  | 0.388  | 1.755 #  |
| 19)                         | B Endosulfa...  | 7.176  | 0.000  | 776792   | 0        | 0.298  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.604  | 0        | 188104   | N.D.   | 0.315 #  |
| 21)                         | B Endrin ke...  | 7.674  | 0.000  | 598208   | 0        | 0.199  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.021  | 0        | 99381    | N.D.   | 0.077 #  |
| 23)                         | Chlordane-1     | 4.712  | 3.764  | -157658  | 941338   | N.D.   | 18.970   |
| 24)                         | Chlordane-2     | 5.259f | 4.333  | 1450110  | 3232150  | 11.957 | 57.475 # |
| 25)                         | Chlordane-3     | 0.000  | 4.978  | 0        | 3485808  | N.D.   | 21.362 # |
| 26)                         | Chlordane-4     | 6.043  | 5.053f | 15332248 | 1750556  | 26.507 | 10.867 # |
| 27)                         | Chlordane-5     | 6.866f | 0.000  | 387333   | 0        | 4.181  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

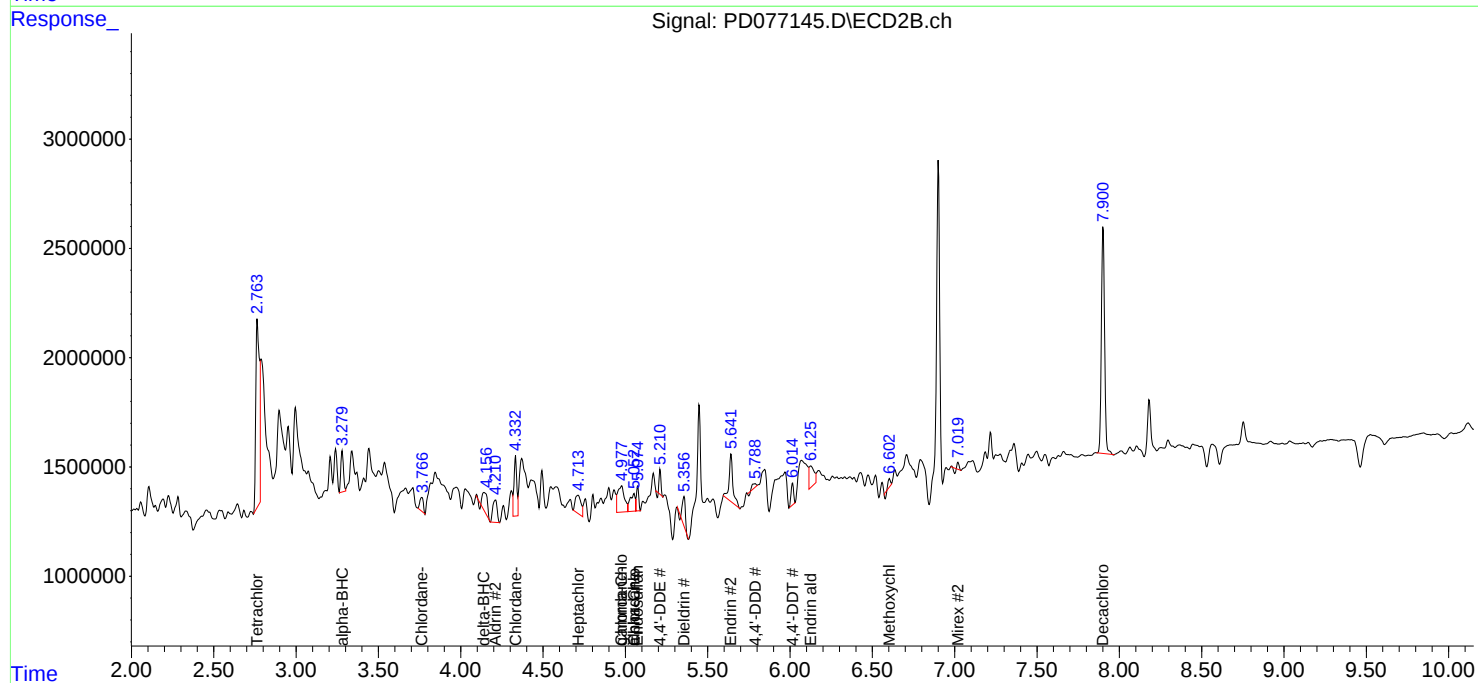
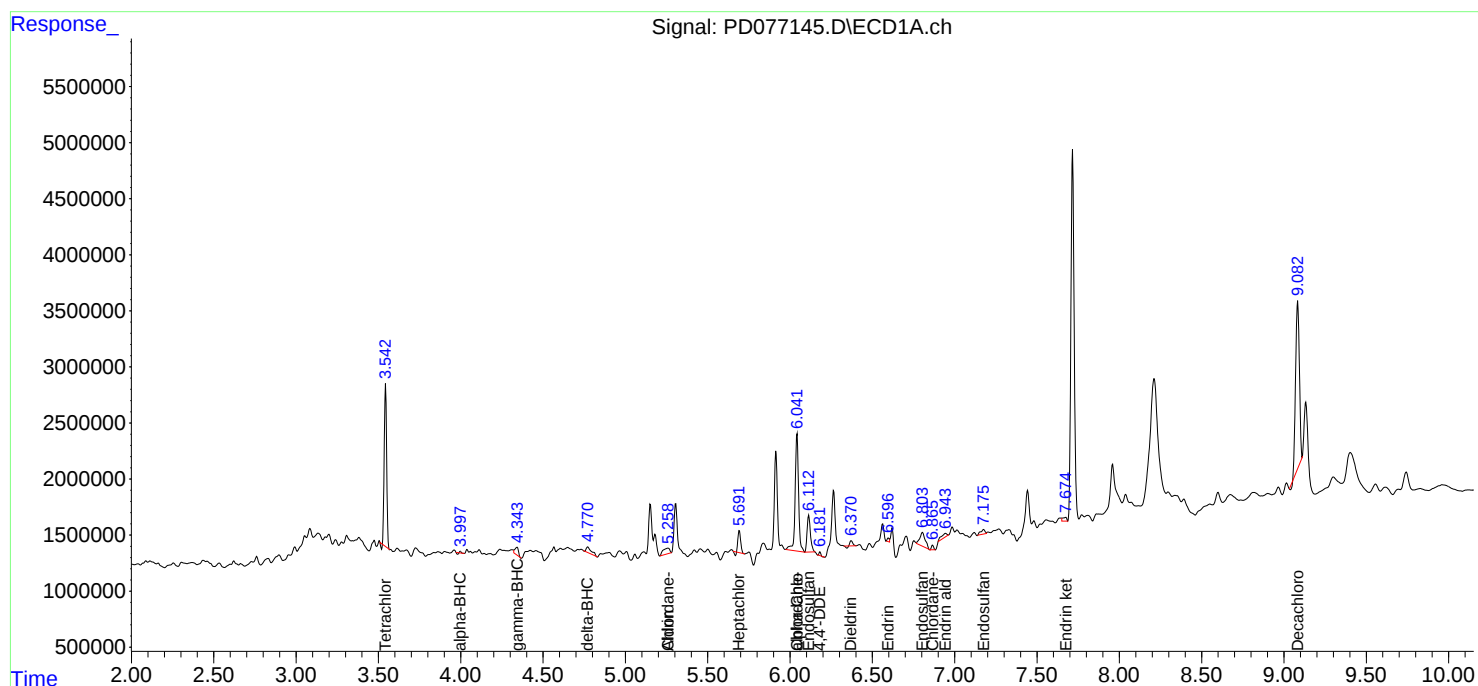
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

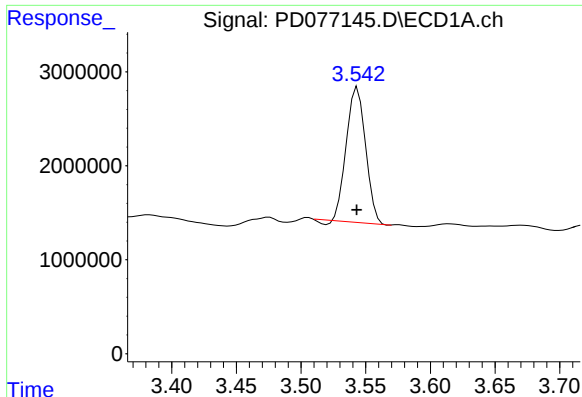
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081323\  
Data File : PD077145.D  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

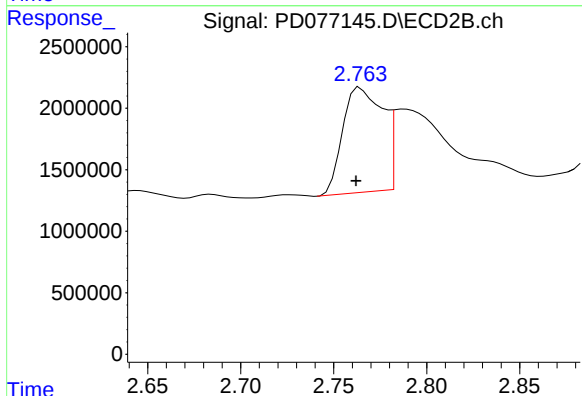




#1 Tetrachloro-m-xylene

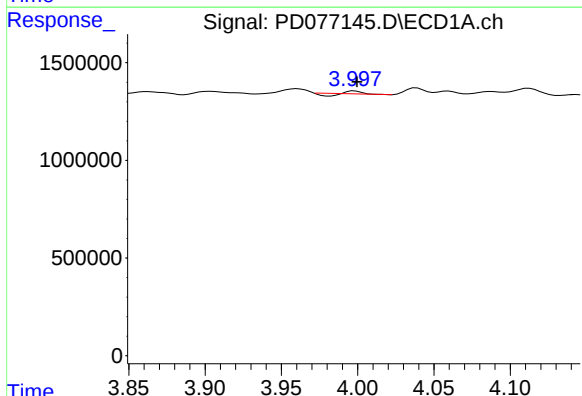
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 14736669  
Conc: 6.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



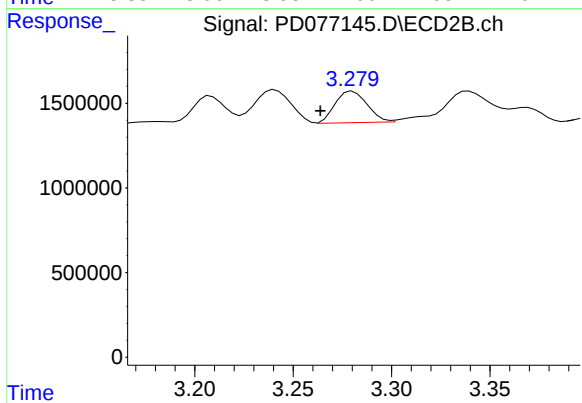
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: 0.002 min  
Response: 12722489  
Conc: 9.34 ng/ml



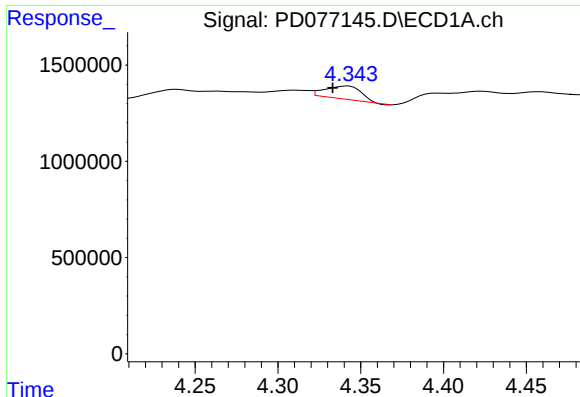
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 13697  
Conc: 0.00 ng/ml



#2 alpha-BHC

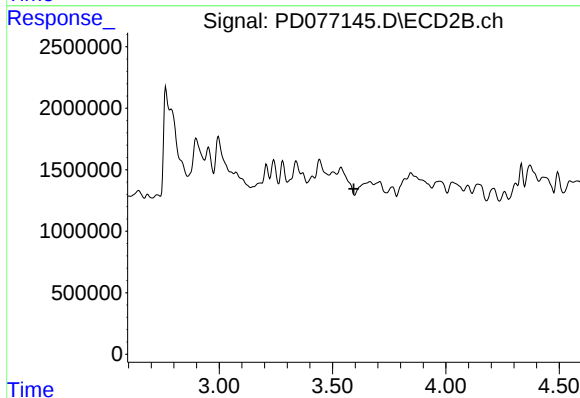
R.T.: 3.280 min  
Delta R.T.: 0.016 min  
Response: 2108401  
Conc: 1.09 ng/ml



#3 gamma-BHC (Lindane)

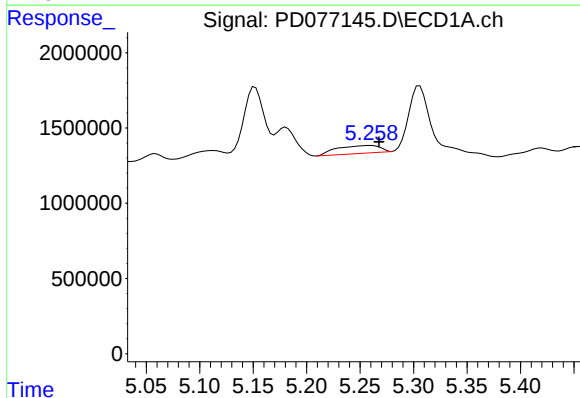
R.T.: 4.342 min  
Delta R.T.: 0.009 min  
Response: 1034324  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



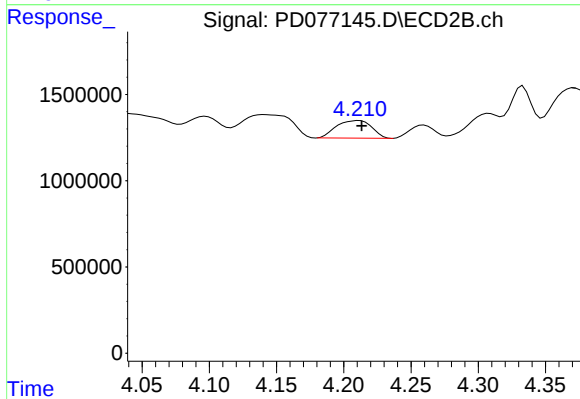
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.594 min  
Response: 0  
Conc: N.D.



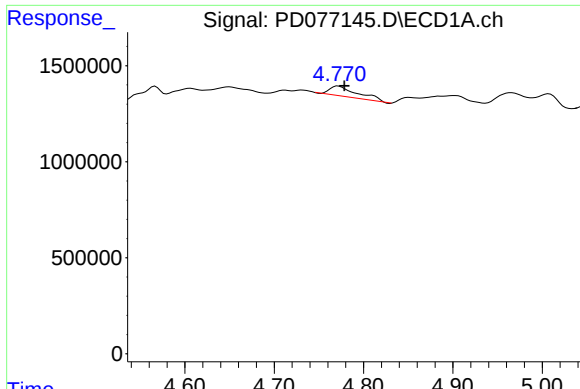
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: -0.008 min  
Response: 1450110  
Conc: 0.39 ng/ml



#5 Aldrin

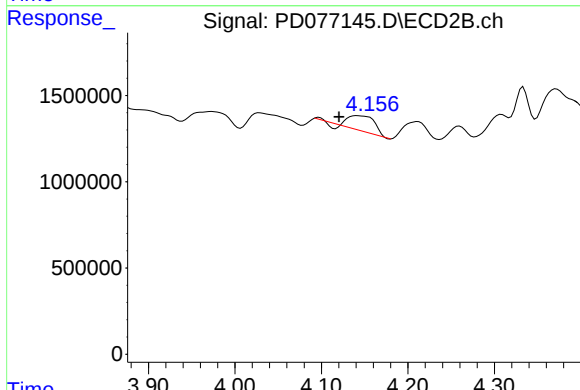
R.T.: 4.211 min  
Delta R.T.: -0.002 min  
Response: 1867914  
Conc: 1.01 ng/ml



#7 delta-BHC

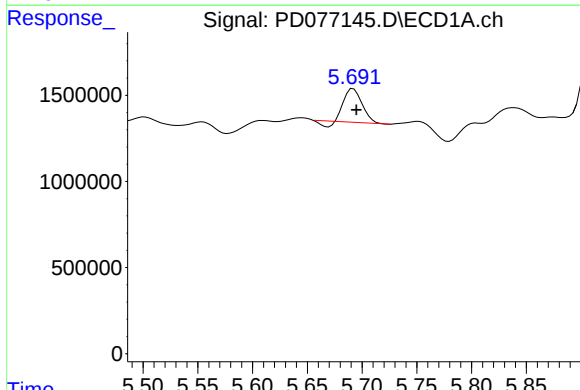
R.T.: 4.772 min  
Delta R.T.: -0.007 min  
Response: 1059632  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



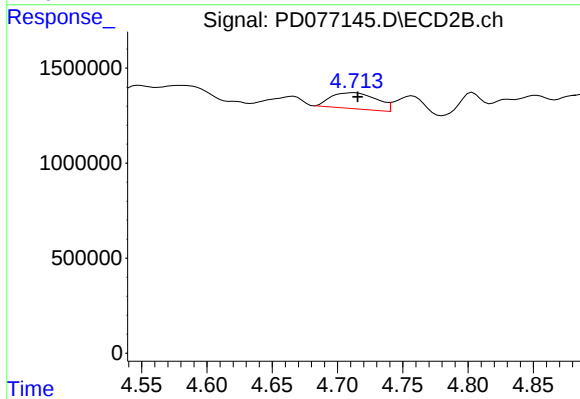
#7 delta-BHC

R.T.: 4.142 min  
Delta R.T.: 0.021 min  
Response: 1806283  
Conc: 1.02 ng/ml



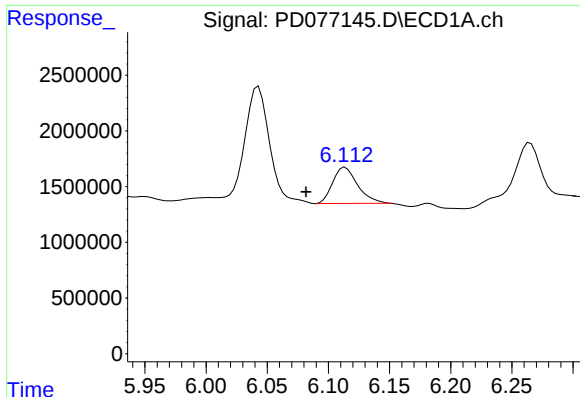
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 2090232  
Conc: 0.63 ng/ml



#8 Heptachlor epoxide

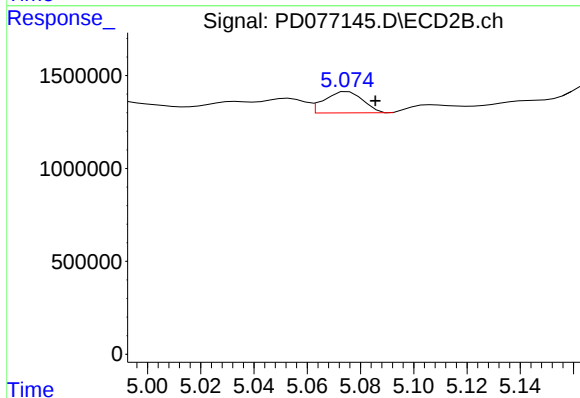
R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 2043769  
Conc: 1.22 ng/ml



#9 Endosulfan I

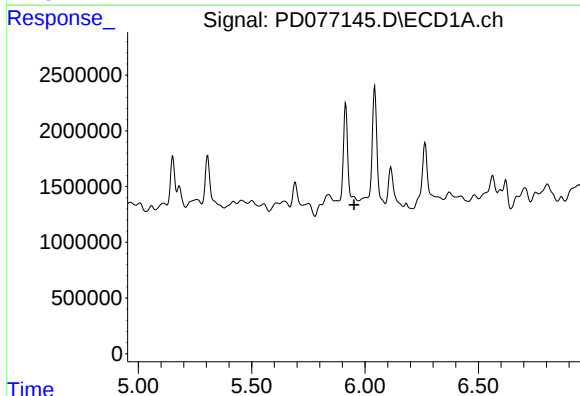
R.T.: 6.114 min  
Delta R.T.: 0.032 min  
Response: 4226611  
Conc: 1.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



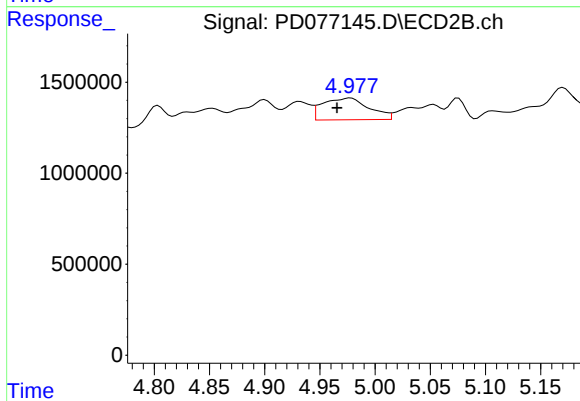
#9 Endosulfan I

R.T.: 5.075 min  
Delta R.T.: -0.010 min  
Response: 1162197  
Conc: 0.75 ng/ml



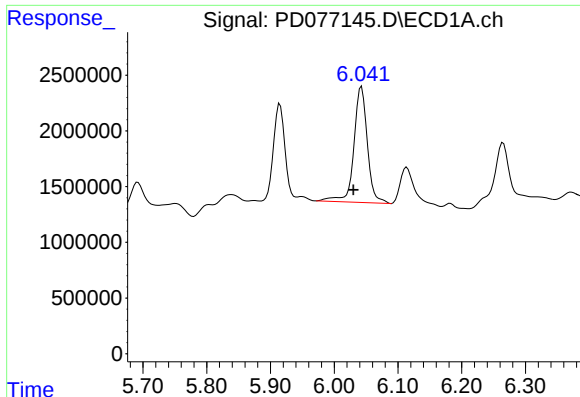
#10 gamma-Chlordane

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



#10 gamma-Chlordane

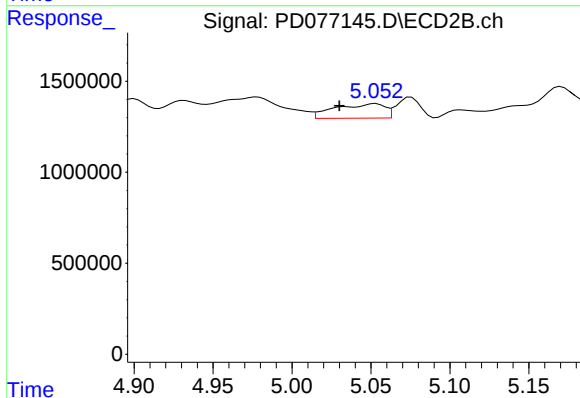
R.T.: 4.978 min  
Delta R.T.: 0.012 min  
Response: 3485808  
Conc: 2.10 ng/ml



#11 alpha-Chlordane

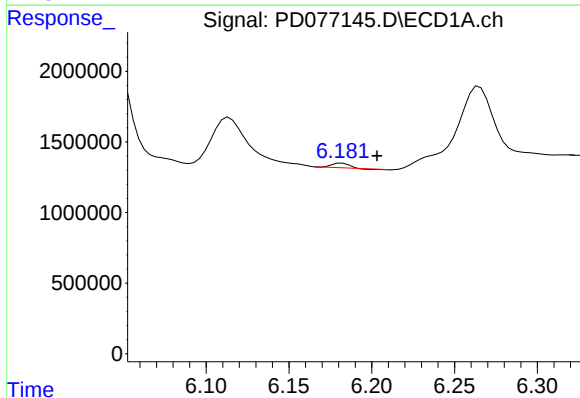
R.T.: 6.043 min  
Delta R.T.: 0.012 min  
Response: 15332248  
Conc: 4.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



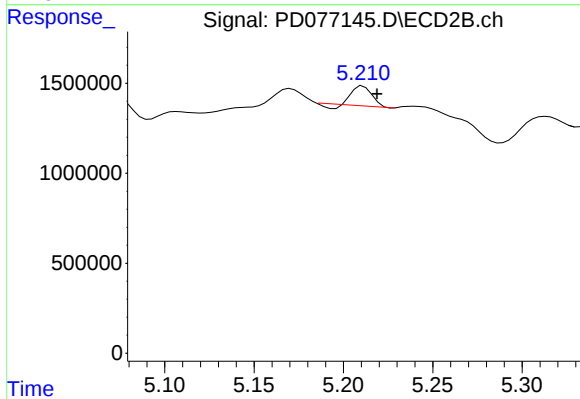
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.023 min  
Response: 1750556  
Conc: 1.05 ng/ml



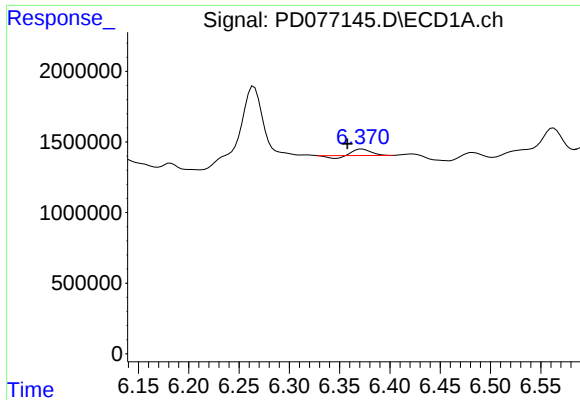
#12 4,4'-DDE

R.T.: 6.182 min  
Delta R.T.: -0.021 min  
Response: 222707  
Conc: 0.08 ng/ml



#12 4,4'-DDE

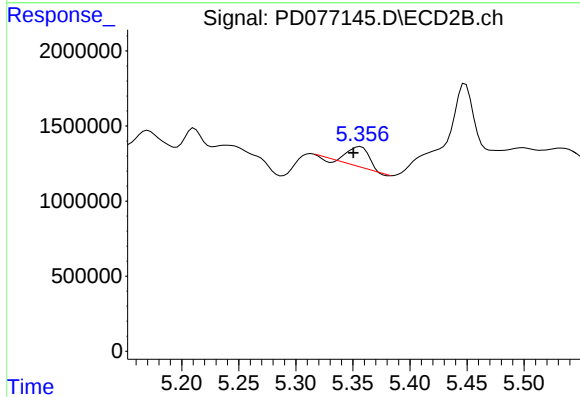
R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 758560  
Conc: 0.52 ng/ml



#13 Dieldrin

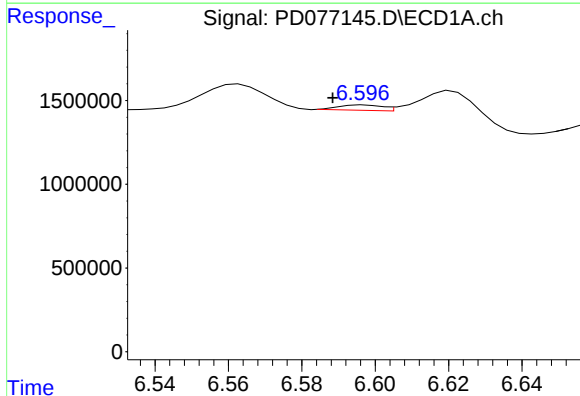
R.T.: 6.372 min  
Delta R.T.: 0.014 min  
Response: 429513  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



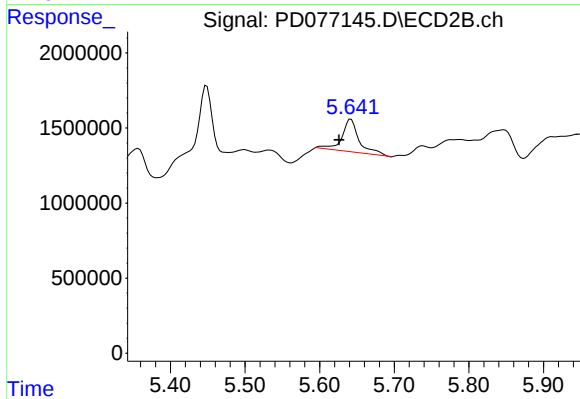
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: 0.006 min  
Response: 1566909  
Conc: 0.93 ng/ml



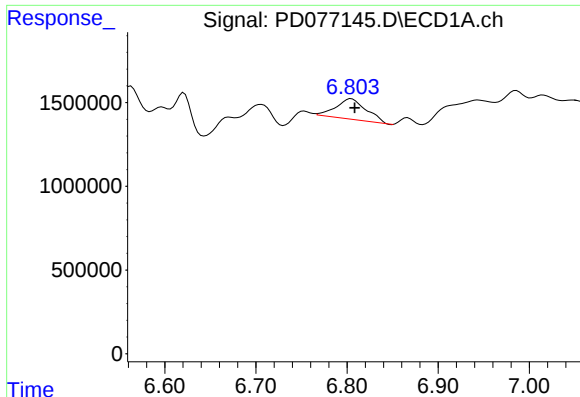
#14 Endrin

R.T.: 6.597 min  
Delta R.T.: 0.009 min  
Response: 267962  
Conc: 0.10 ng/ml



#14 Endrin

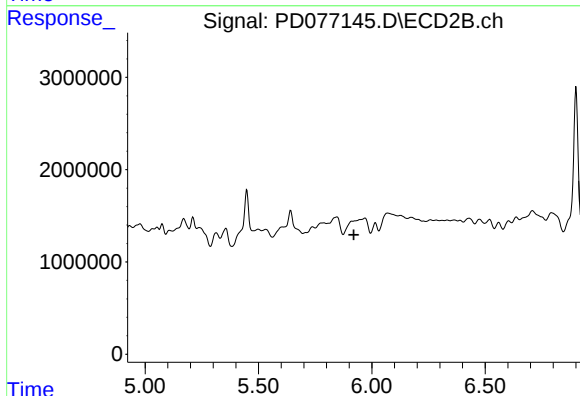
R.T.: 5.642 min  
Delta R.T.: 0.016 min  
Response: 3409855  
Conc: 2.33 ng/ml



#15 Endosulfan II

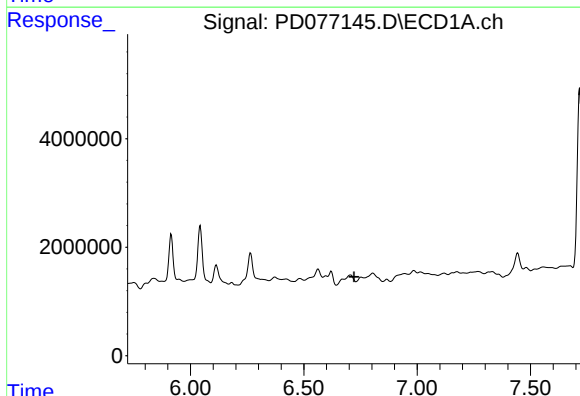
R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 2749961  
Conc: 0.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



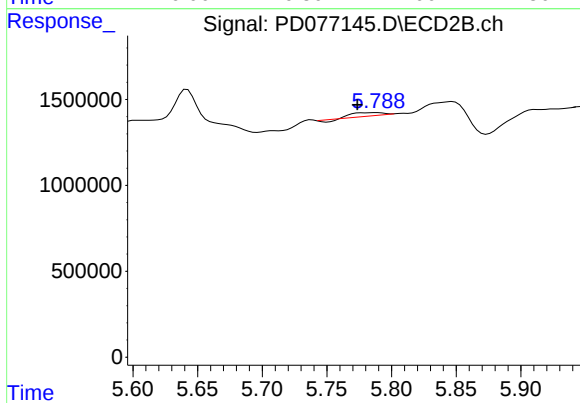
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.920 min  
Response: 0  
Conc: N.D.



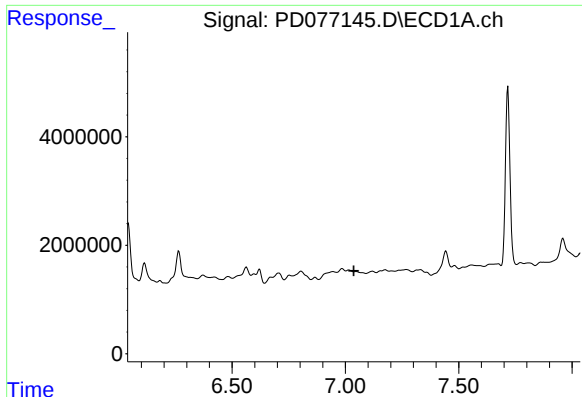
#16 4,4'-DDD

R.T.: 6.754 min  
Delta R.T.: 0.031 min  
Response: -883530  
Conc: N.D.



#16 4,4'-DDD

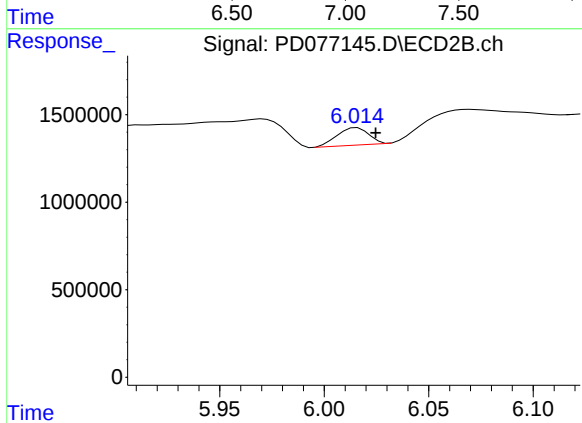
R.T.: 5.788 min  
Delta R.T.: 0.015 min  
Response: 242192  
Conc: 0.22 ng/ml



#17 4,4'-DDT

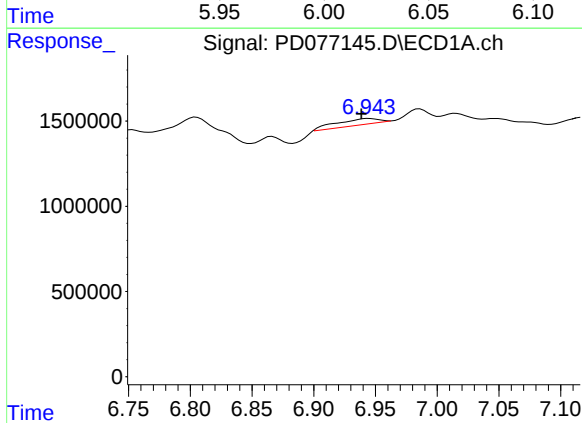
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



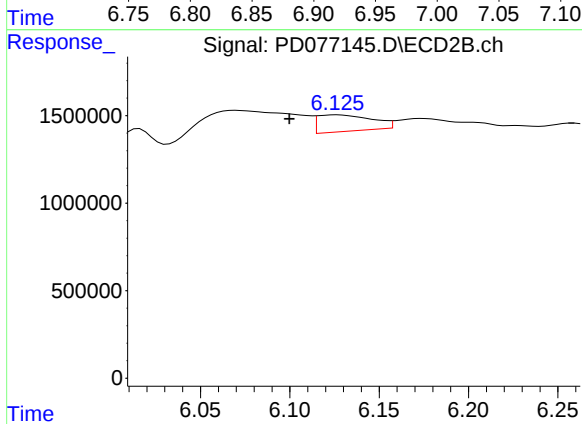
#17 4,4'-DDT

R.T.: 6.016 min  
Delta R.T.: -0.009 min  
Response: 1044170  
Conc: 0.94 ng/ml



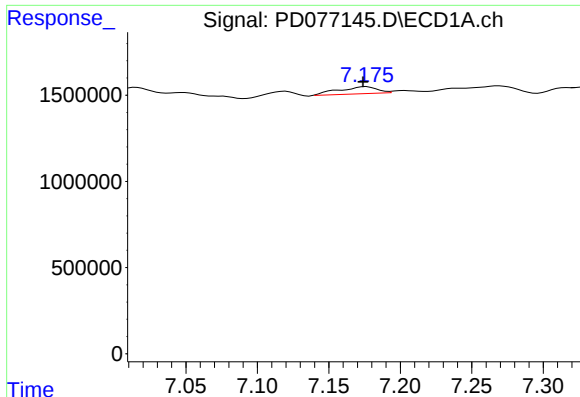
#18 Endrin aldehyde

R.T.: 6.945 min  
Delta R.T.: 0.006 min  
Response: 847255  
Conc: 0.39 ng/ml



#18 Endrin aldehyde

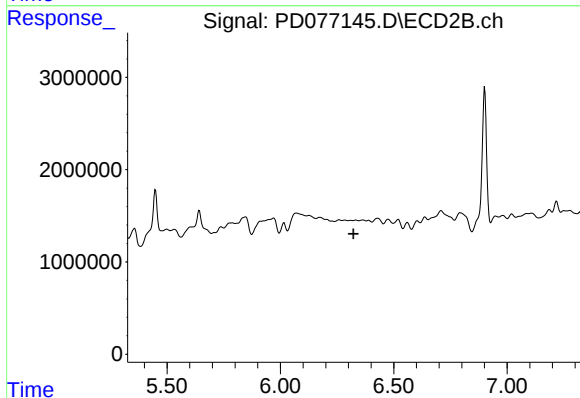
R.T.: 6.127 min  
Delta R.T.: 0.027 min  
Response: 1997592  
Conc: 1.75 ng/ml



#19 Endosulfan Sulfate

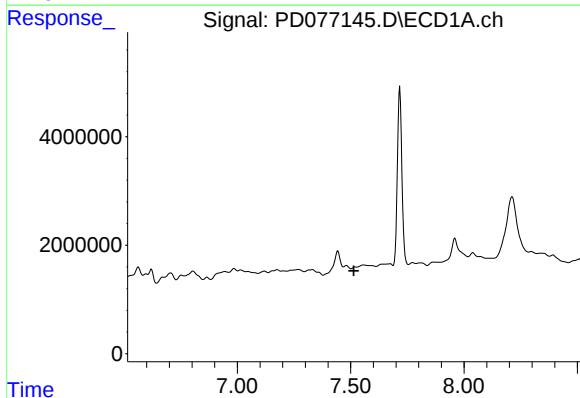
R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 776792  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



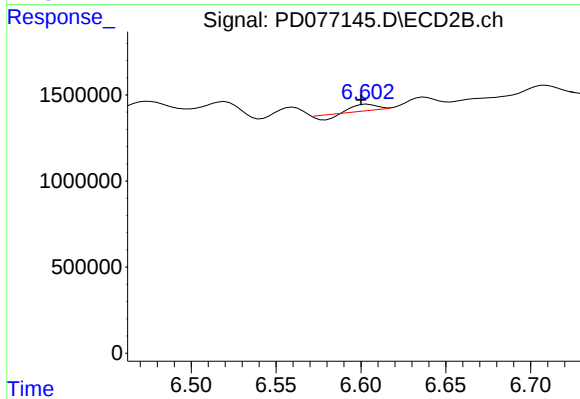
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.323 min  
Response: 0  
Conc: N.D.



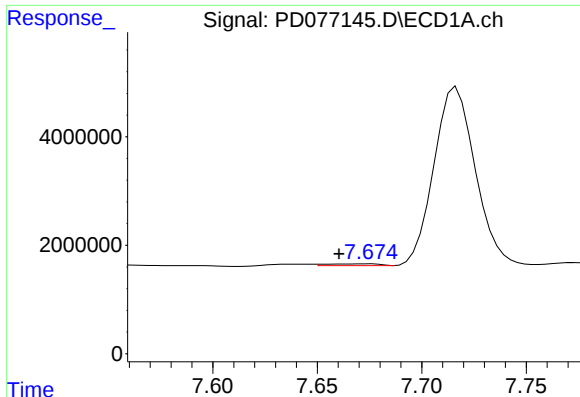
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.513 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

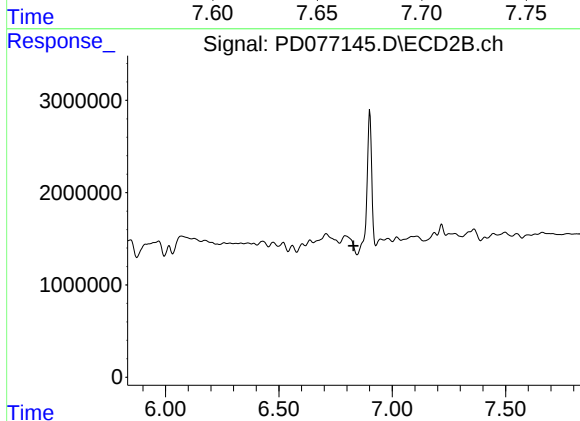
R.T.: 6.604 min  
Delta R.T.: 0.004 min  
Response: 188104  
Conc: 0.31 ng/ml



#21 Endrin ketone

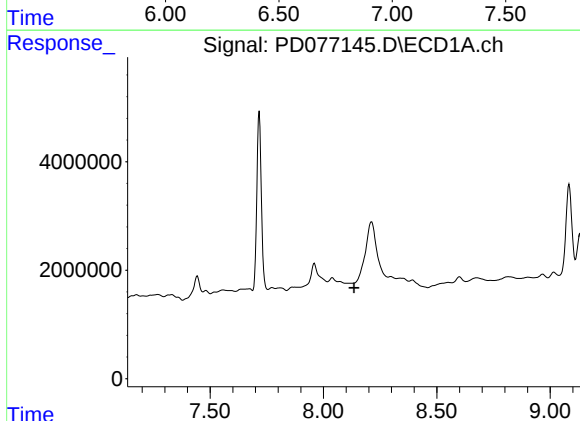
R.T.: 7.674 min  
Delta R.T.: 0.014 min  
Response: 598208  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



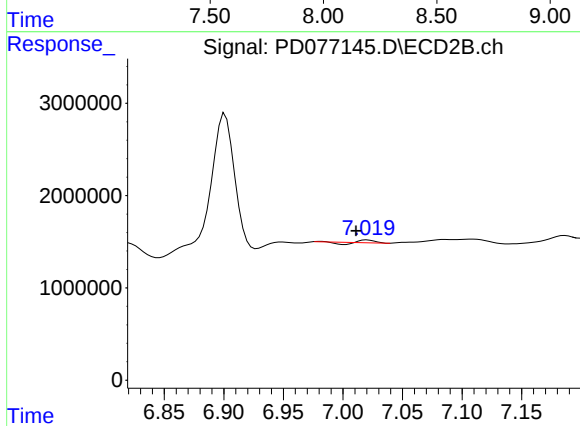
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.830 min  
Response: 0  
Conc: N.D.



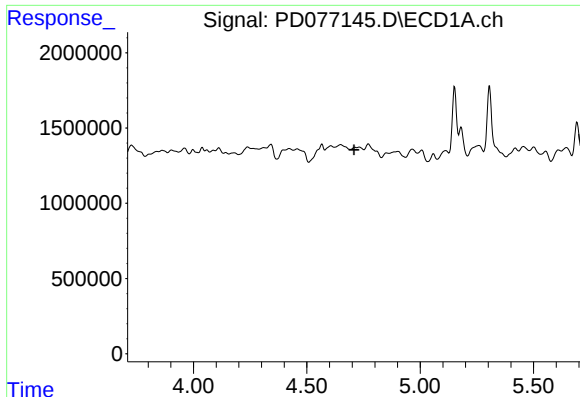
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.135 min  
Response: 0  
Conc: N.D.



#22 Mirex

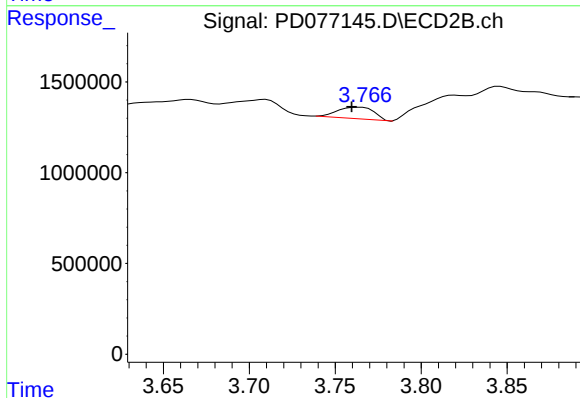
R.T.: 7.021 min  
Delta R.T.: 0.010 min  
Response: 99381  
Conc: 0.08 ng/ml



#23 Chlordane-1

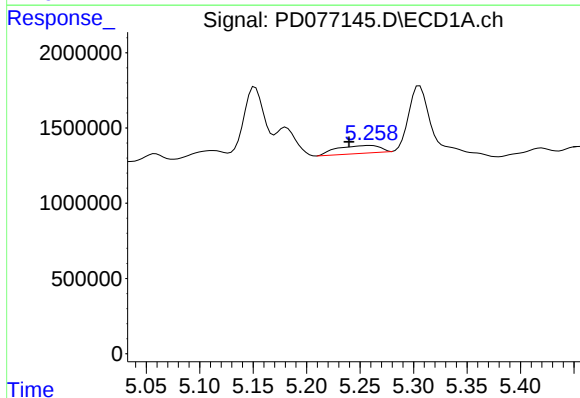
R.T.: 4.712 min  
Delta R.T.: 0.004 min  
Response: -157658  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



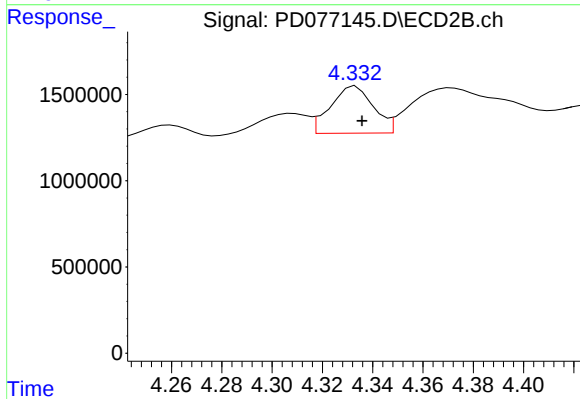
#23 Chlordane-1

R.T.: 3.764 min  
Delta R.T.: 0.005 min  
Response: 941338  
Conc: 18.97 ng/ml



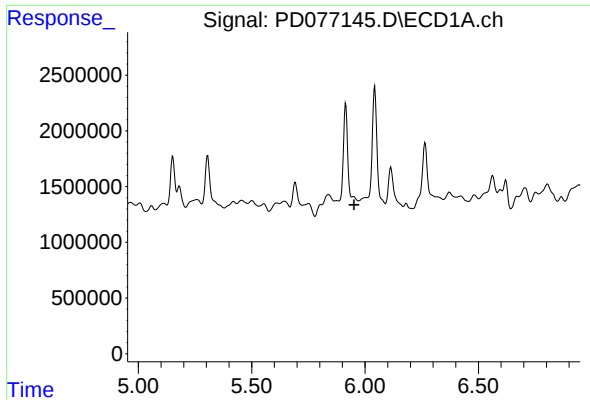
#24 Chlordane-2

R.T.: 5.259 min  
Delta R.T.: 0.020 min  
Response: 1450110  
Conc: 11.96 ng/ml



#24 Chlordane-2

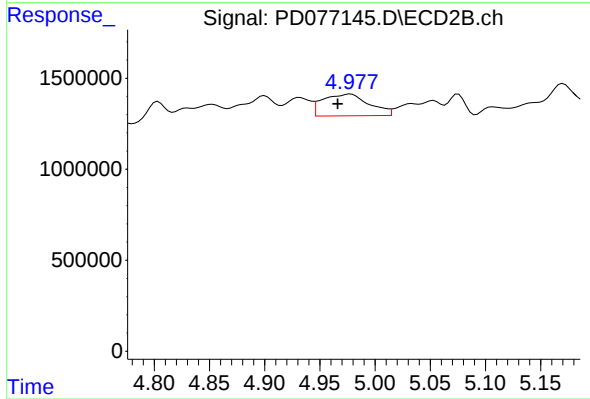
R.T.: 4.333 min  
Delta R.T.: -0.002 min  
Response: 3232150  
Conc: 57.48 ng/ml



#25 Chlordane-3

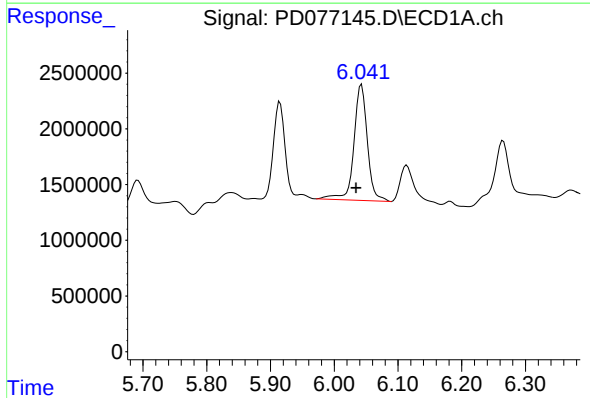
R.T.: 0.000 min  
Exp R.T.: 5.952 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



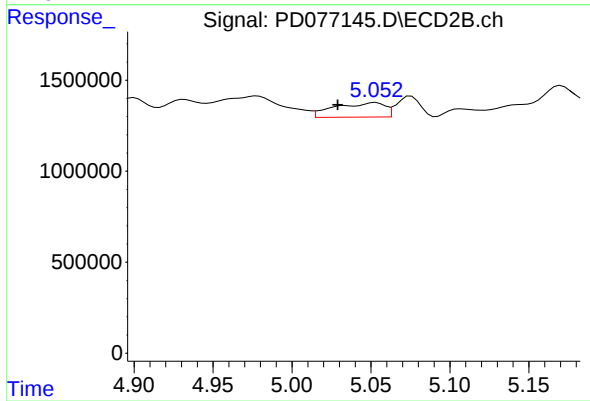
#25 Chlordane-3

R.T.: 4.978 min  
Delta R.T.: 0.011 min  
Response: 3485808  
Conc: 21.36 ng/ml



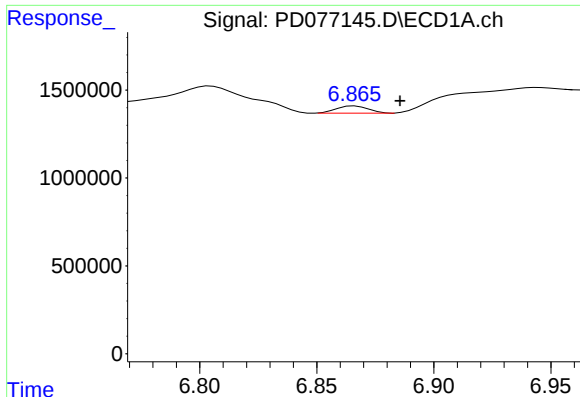
#26 Chlordane-4

R.T.: 6.043 min  
Delta R.T.: 0.009 min  
Response: 15332248  
Conc: 26.51 ng/ml



#26 Chlordane-4

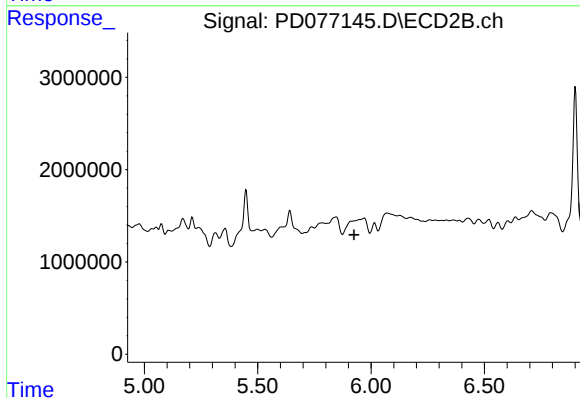
R.T.: 5.053 min  
Delta R.T.: 0.024 min  
Response: 1750556  
Conc: 10.87 ng/ml



#27 Chlordane-5

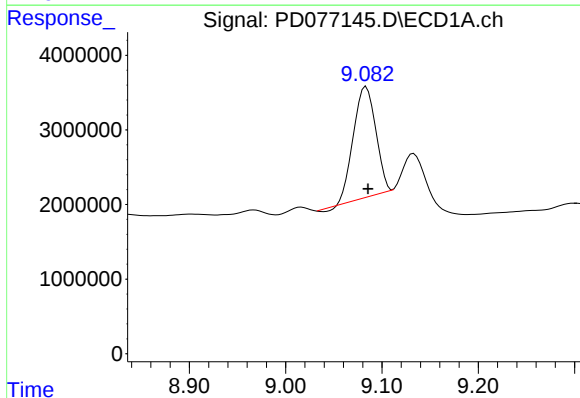
R.T.: 6.866 min  
Delta R.T.: -0.019 min  
Response: 387333  
Conc: 4.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



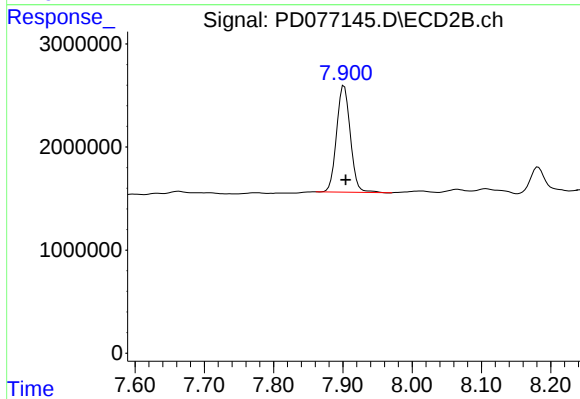
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.925 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 23700055  
Conc: 8.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.002 min  
Response: 14225587  
Conc: 9.94 ng/ml