

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081323\  
 Data File : PD077144.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2023 04:02  
 Operator : AR\AJ  
 Sample : 03985-06  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 NEVINS-SB02-Z21-23

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 04:36:02 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... | 3.543  | 2.762  | 30464574 | 22758711 | 12.873 | 16.708 # |
| 28)                         | SA Decachlor... | 9.085  | 7.903  | 34947916 | 20270194 | 12.754 | 14.164   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.017f | 3.253  | -259723  | 591299   | N.D.   | 0.306    |
| 3)                          | MA gamma-BHC... | 0.000  | 3.581  | 0        | 833369   | N.D.   | 0.448 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.961f | 0        | 2538826  | N.D.   | 1.398 #  |
| 5)                          | MB Aldrin       | 5.264  | 4.206  | 2620324  | 3442280  | 0.709  | 1.859 #  |
| 6)                          | B beta-BHC      | 4.543  | 3.890  | 1320525  | 4883707  | 0.878  | 6.401 #  |
| 7)                          | B delta-BHC     | 4.764f | 0.000  | 1170769  | 0        | 0.336  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.691  | 4.711  | 16985209 | 896773   | 5.130  | 0.536 #  |
| 9)                          | A Endosulfan I  | 6.071  | 0.000  | 824754   | 0        | 0.271  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.938  | 4.976  | 1937699  | 4727000  | 0.595  | 2.850 #  |
| 11)                         | B alpha-Chl...  | 6.042  | 5.053f | 782115   | 5567836  | 0.239  | 3.334 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.239f | 0        | 5651852  | N.D.   | 3.897 #  |
| 13)                         | MA Dieldrin     | 6.373  | 5.359  | -230208  | 4346096  | N.D.   | 2.580    |
| 14)                         | MA Endrin       | 6.584  | 5.643f | 2064001  | 20143282 | 0.743  | 13.766 # |
| 15)                         | B Endosulfa...  | 6.806  | 5.923  | 1205571  | -48224   | 0.379  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.712  | 0.000  | 2017434  | 0        | 0.858  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.051  | 6.018  | -1446768 | 1618431  | N.D.   | 1.456    |
| 18)                         | B Endrin al...  | 6.942  | 6.123f | 402366   | 505147   | 0.184  | 0.444 #  |
| 19)                         | B Endosulfa...  | 7.188  | 6.337  | 811163   | 1050711  | 0.311  | 0.788 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.591  | 0        | 308716   | N.D.   | 0.516 #  |
| 21)                         | B Endrin ke...  | 7.678f | 0.000  | 1387200  | 0        | 0.461  | N.D. #   |
| 22)                         | Mirex           | 8.136  | 6.999  | -284763  | 334151   | N.D.   | 0.258    |
| 24)                         | Chlordane-2     | 5.264f | 4.356f | 2620324  | 4135346  | 21.607 | 73.536 # |
| 25)                         | Chlordane-3     | 5.938  | 4.976  | 1937699  | 4727000  | 4.091  | 28.969 # |
| 26)                         | Chlordane-4     | 6.042  | 5.053f | 782115   | 5567836  | 1.352  | 34.563 # |
| 27)                         | Chlordane-5     | 6.865f | 5.923  | 268202   | -48224   | 2.895  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

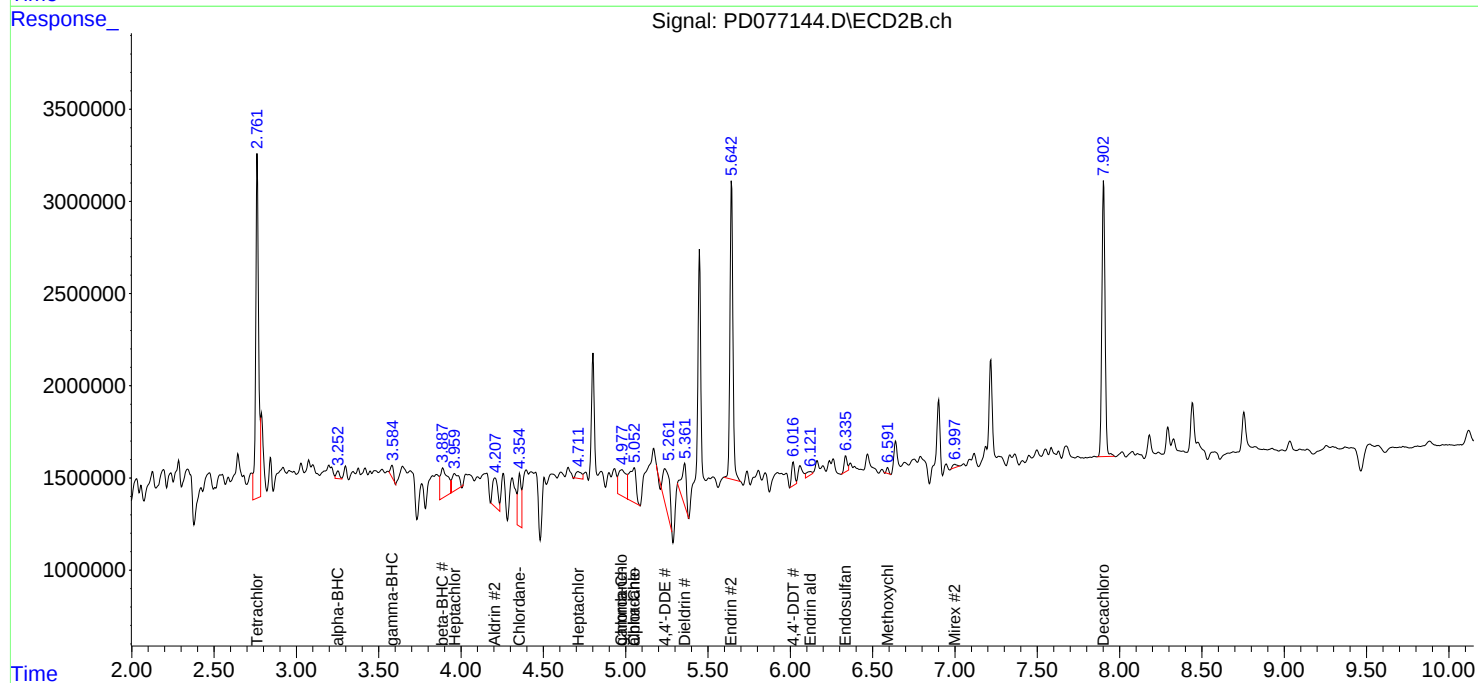
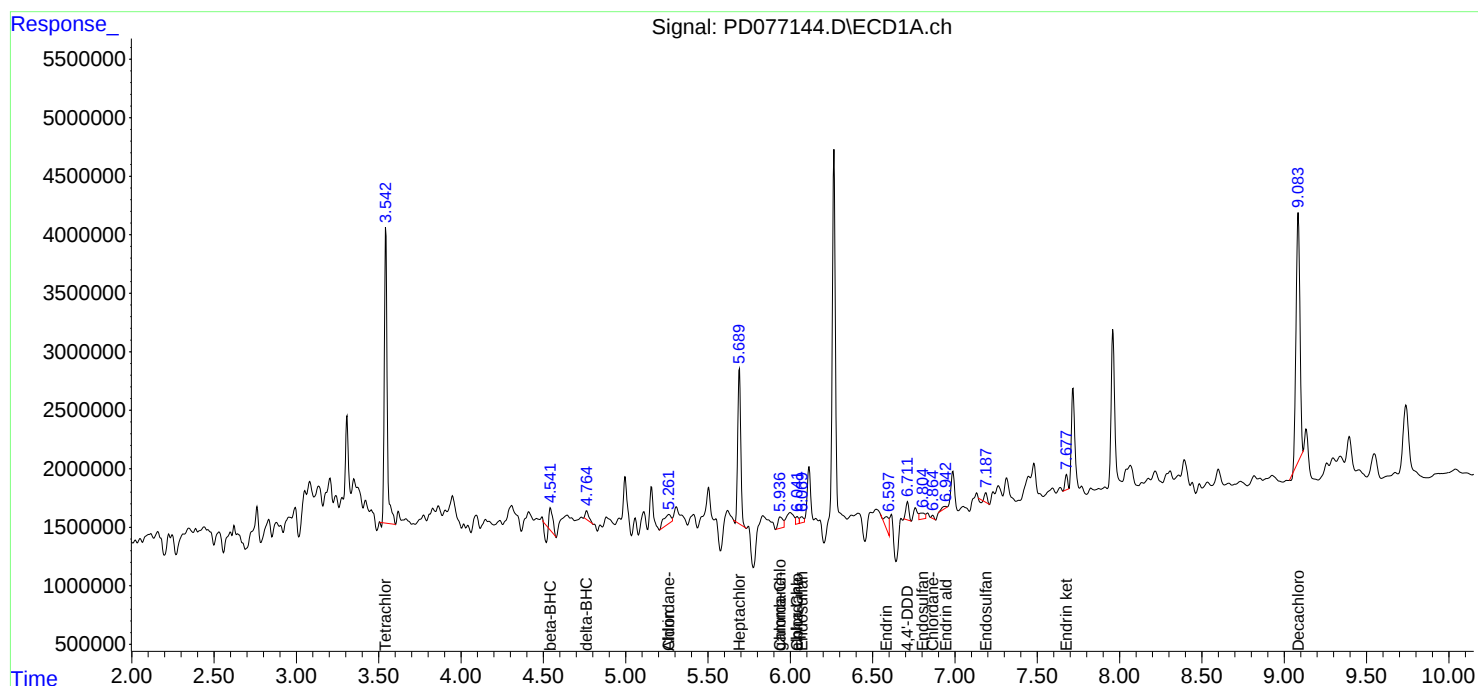
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

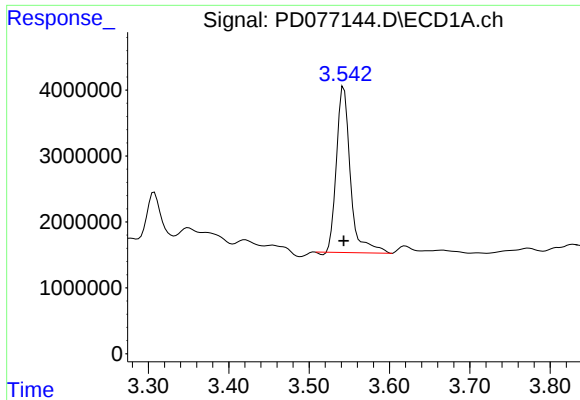
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081323\  
Data File : PD077144.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2023 04:02  
Operator : AR\AJ  
Sample : 03985-06  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 04:36:02 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

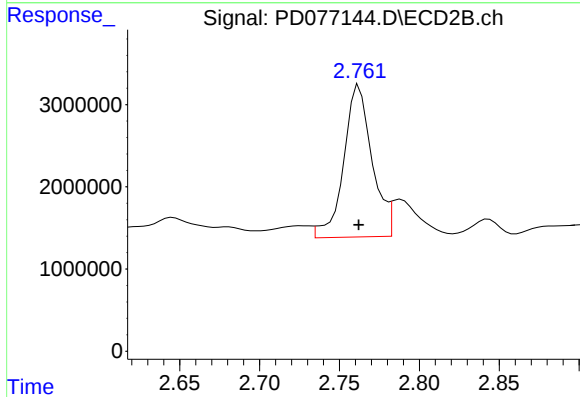




#1 Tetrachloro-m-xylene

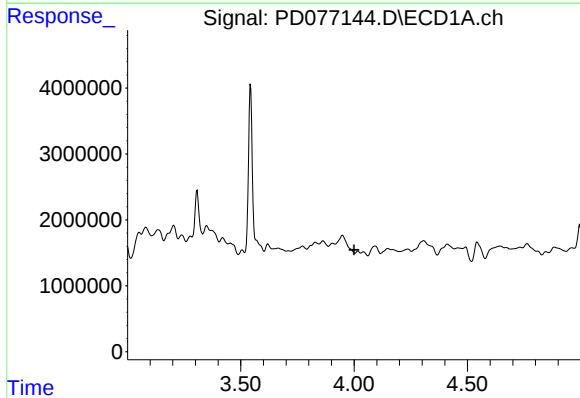
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 30464574  
Conc: 12.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



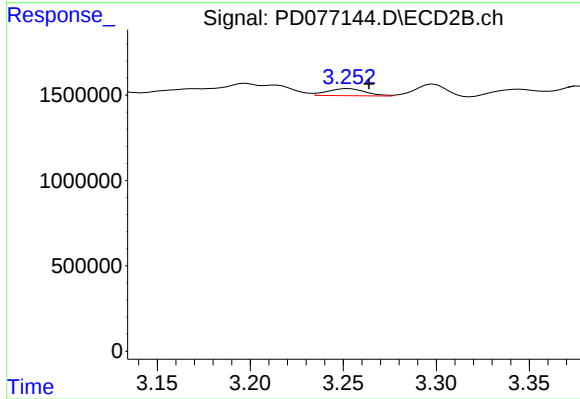
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 22758711  
Conc: 16.71 ng/ml



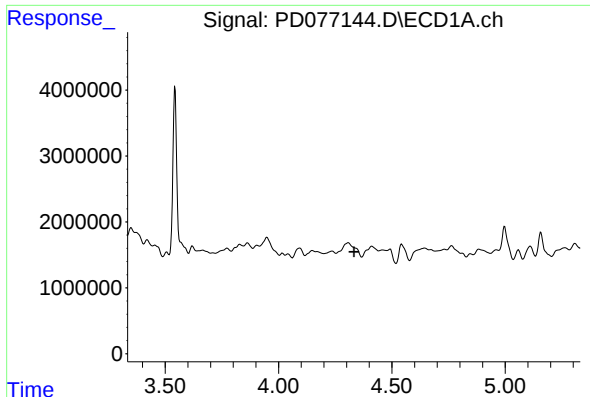
#2 alpha-BHC

R.T.: 4.017 min  
Delta R.T.: 0.017 min  
Response: -259723  
Conc: N.D.



#2 alpha-BHC

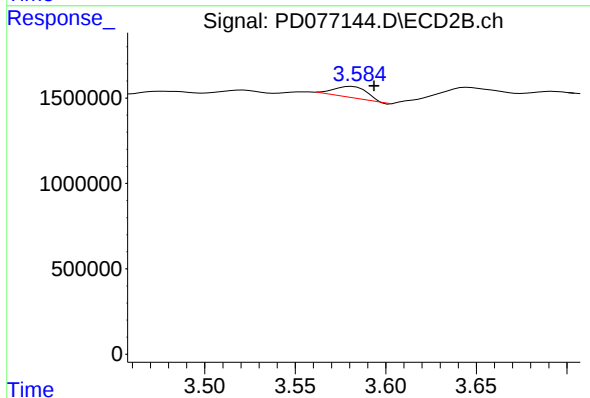
R.T.: 3.253 min  
Delta R.T.: -0.011 min  
Response: 591299  
Conc: 0.31 ng/ml



#3 gamma-BHC (Lindane)

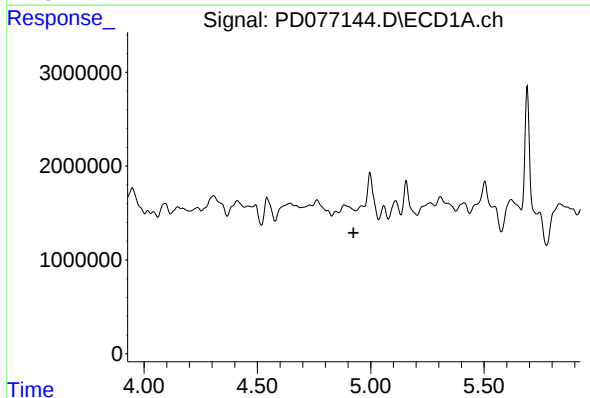
R.T.: 0.000 min  
Exp R.T.: 4.333 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



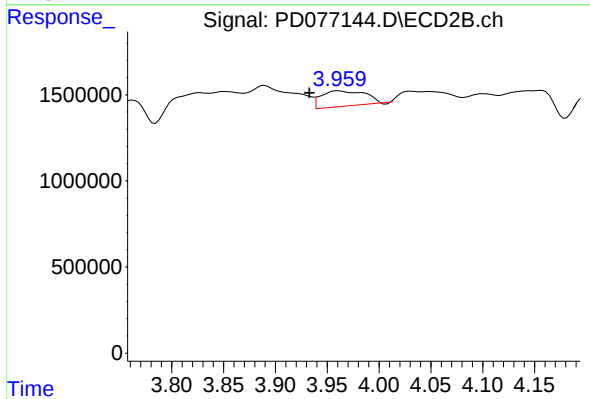
#3 gamma-BHC (Lindane)

R.T.: 3.581 min  
Delta R.T.: -0.012 min  
Response: 833369  
Conc: 0.45 ng/ml



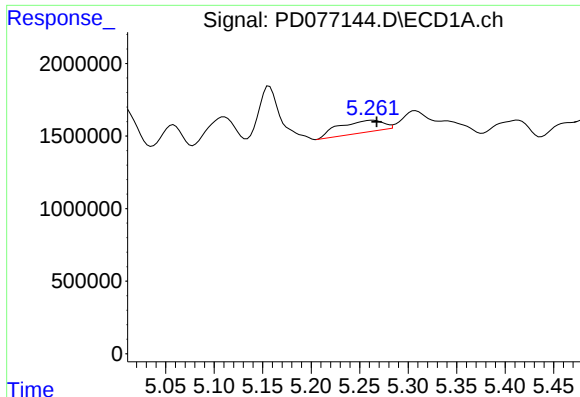
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.924 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

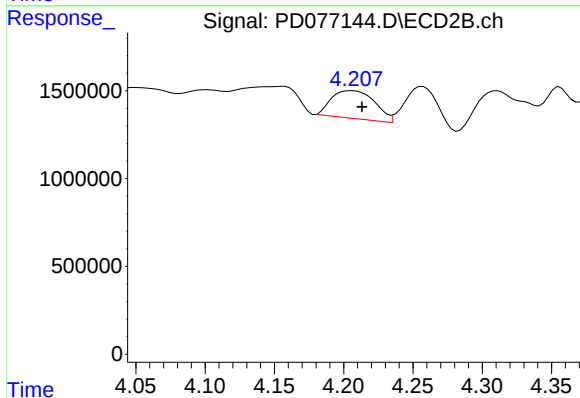
R.T.: 3.961 min  
Delta R.T.: 0.028 min  
Response: 2538826  
Conc: 1.40 ng/ml



#5 Aldrin

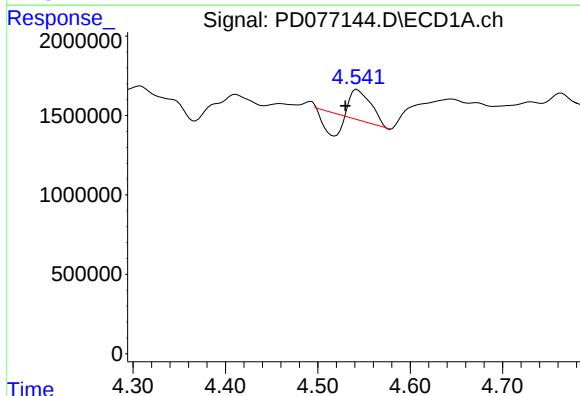
R.T.: 5.264 min  
Delta R.T.: -0.004 min  
Response: 2620324  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



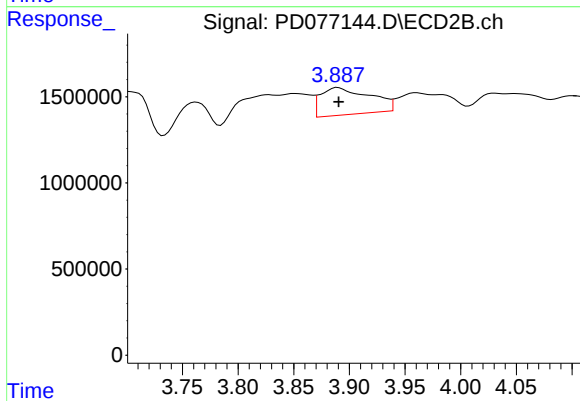
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: -0.007 min  
Response: 3442280  
Conc: 1.86 ng/ml



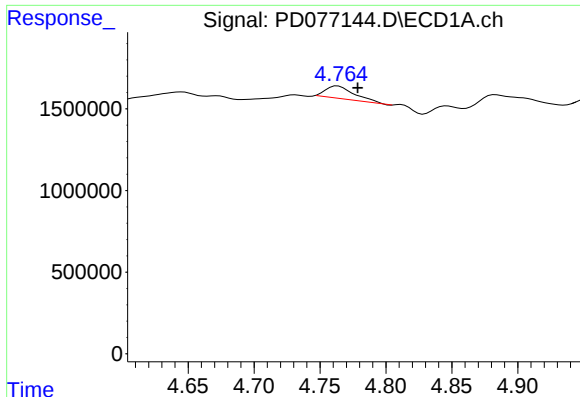
#6 beta-BHC

R.T.: 4.543 min  
Delta R.T.: 0.013 min  
Response: 1320525  
Conc: 0.88 ng/ml



#6 beta-BHC

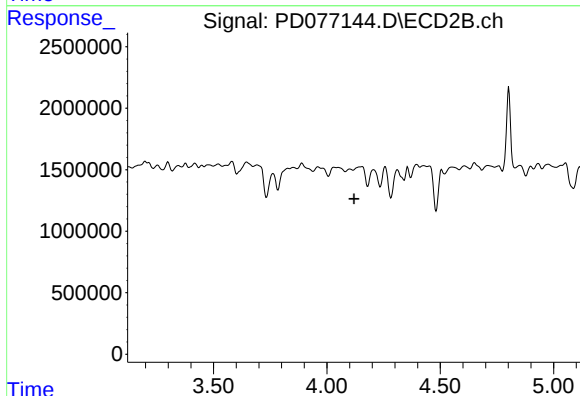
R.T.: 3.890 min  
Delta R.T.: 0.000 min  
Response: 4883707  
Conc: 6.40 ng/ml



#7 delta-BHC

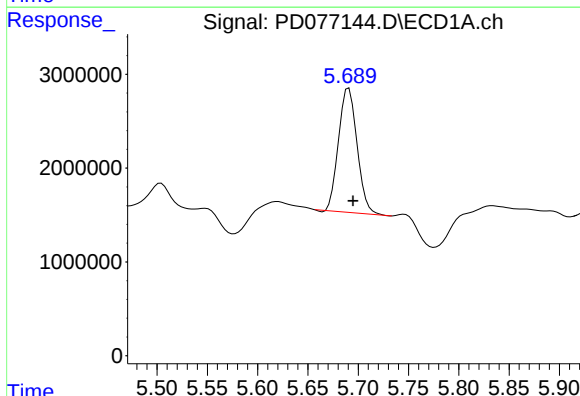
R.T.: 4.764 min  
Delta R.T.: -0.015 min  
Response: 1170769  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



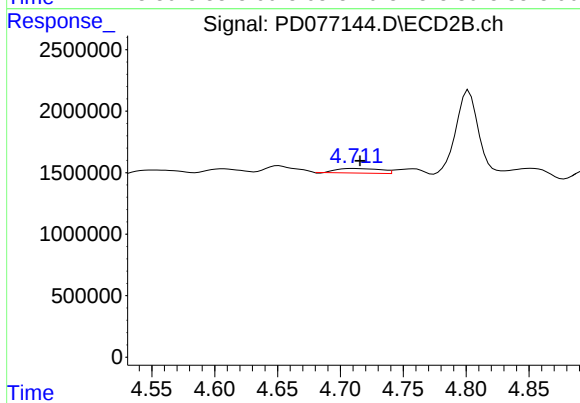
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.120 min  
Response: 0  
Conc: N.D.



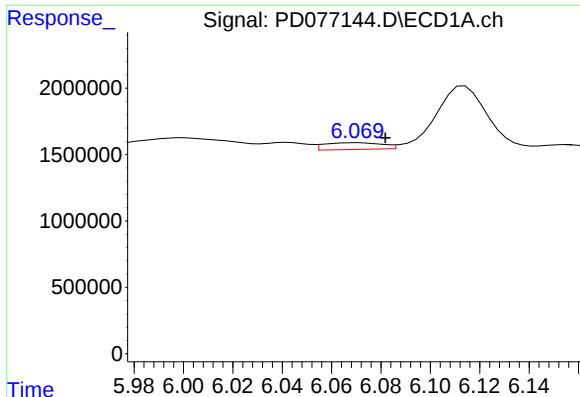
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.004 min  
Response: 16985209  
Conc: 5.13 ng/ml



#8 Heptachlor epoxide

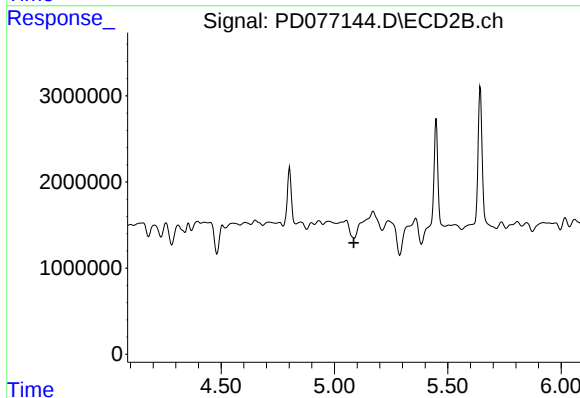
R.T.: 4.711 min  
Delta R.T.: -0.004 min  
Response: 896773  
Conc: 0.54 ng/ml



#9 Endosulfan I

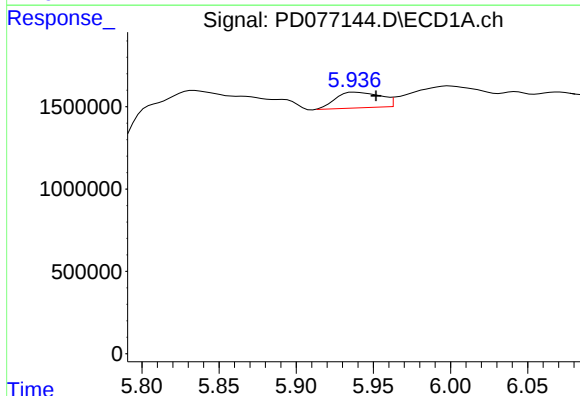
R.T.: 6.071 min  
Delta R.T.: -0.011 min  
Response: 824754  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



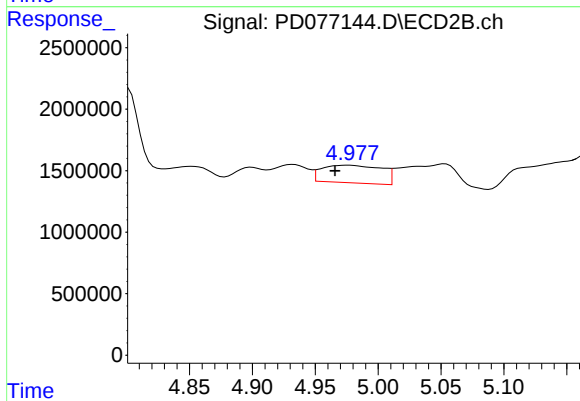
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.086 min  
Response: 0  
Conc: N.D.



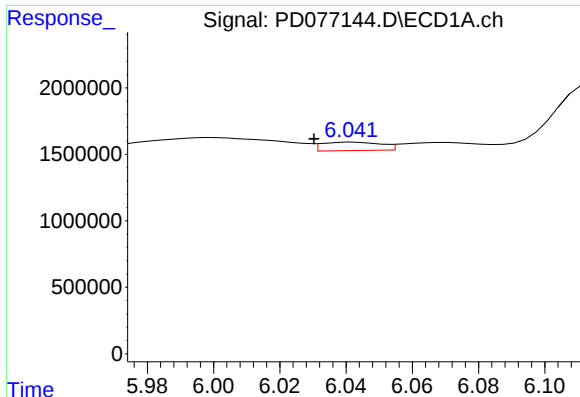
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: -0.014 min  
Response: 1937699  
Conc: 0.60 ng/ml



#10 gamma-Chlordane

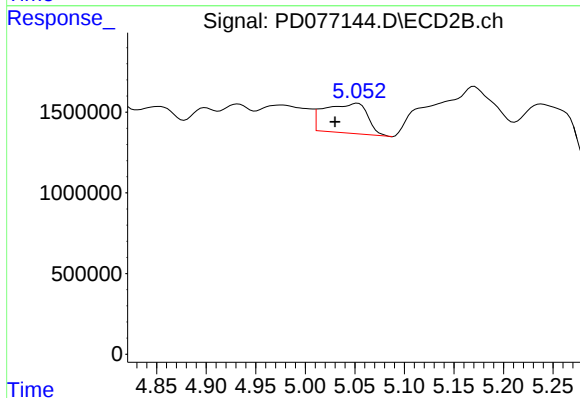
R.T.: 4.976 min  
Delta R.T.: 0.011 min  
Response: 4727000  
Conc: 2.85 ng/ml



#11 alpha-Chlordane

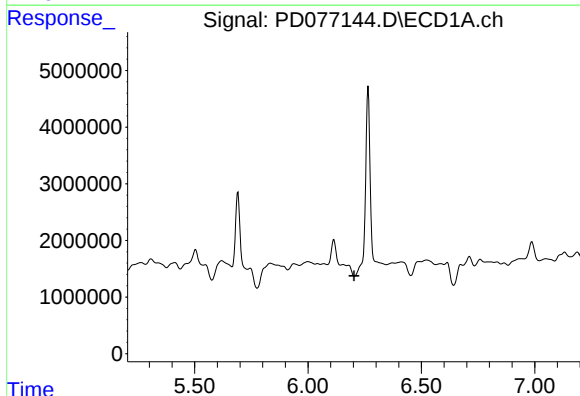
R.T.: 6.042 min  
Delta R.T.: 0.012 min  
Response: 782115  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



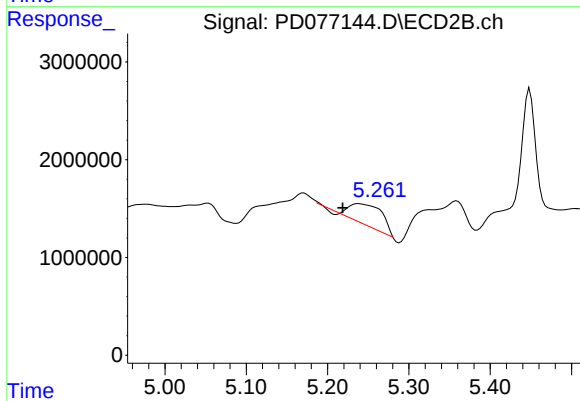
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.023 min  
Response: 5567836  
Conc: 3.33 ng/ml



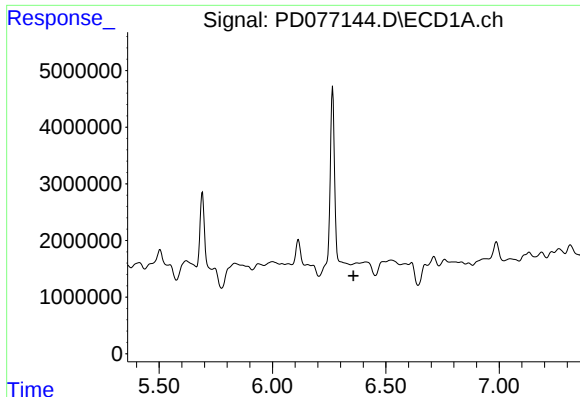
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.203 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

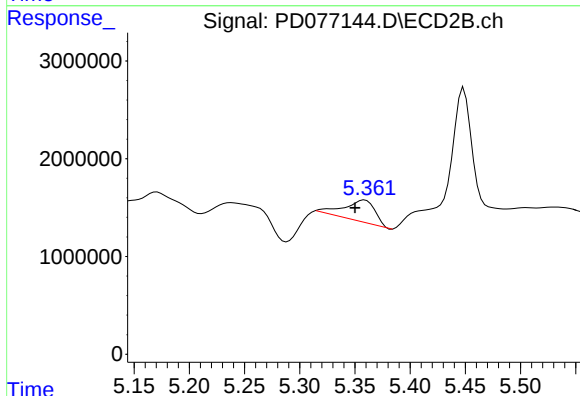
R.T.: 5.239 min  
Delta R.T.: 0.020 min  
Response: 5651852  
Conc: 3.90 ng/ml



#13 Dieldrin

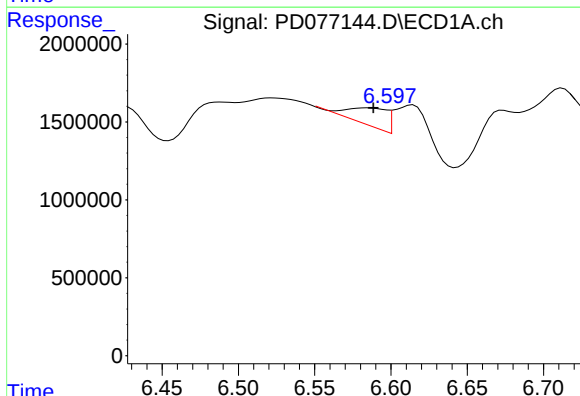
R.T.: 6.373 min  
Delta R.T.: 0.015 min  
Response: -230208  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



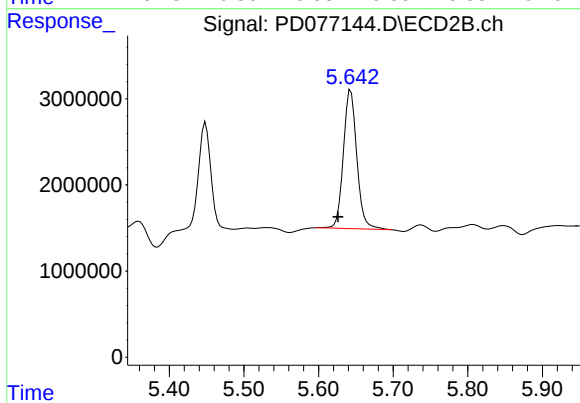
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: 0.008 min  
Response: 4346096  
Conc: 2.58 ng/ml



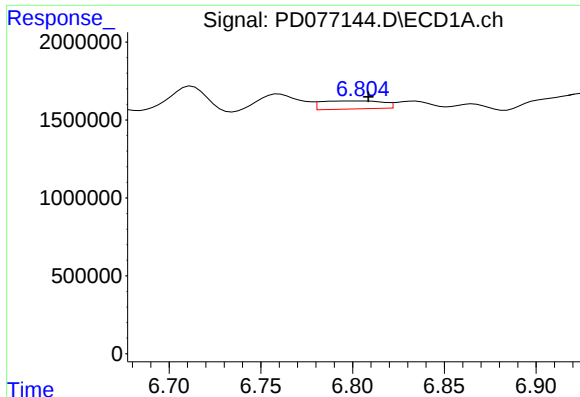
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: -0.004 min  
Response: 2064001  
Conc: 0.74 ng/ml



#14 Endrin

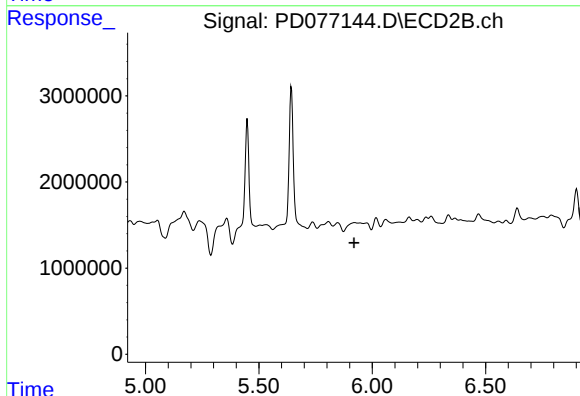
R.T.: 5.643 min  
Delta R.T.: 0.017 min  
Response: 20143282  
Conc: 13.77 ng/ml



#15 Endosulfan II

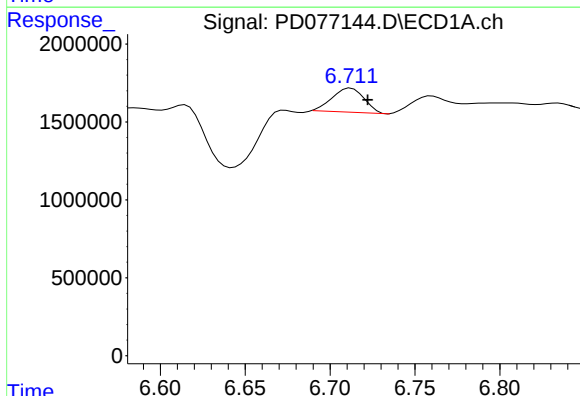
R.T.: 6.806 min  
Delta R.T.: -0.003 min  
Response: 1205571  
Conc: 0.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



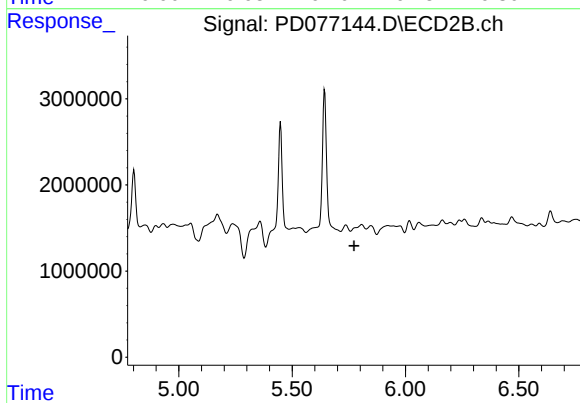
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.003 min  
Response: -48224  
Conc: N.D.



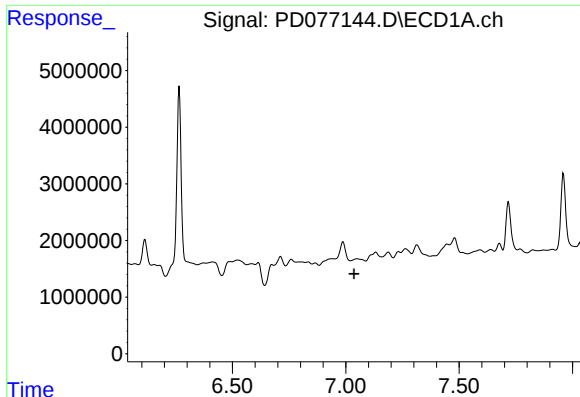
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.010 min  
Response: 2017434  
Conc: 0.86 ng/ml



#16 4,4'-DDD

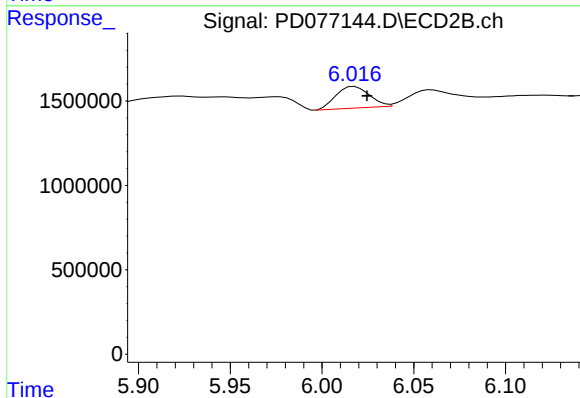
R.T.: 0.000 min  
Exp R.T. : 5.773 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

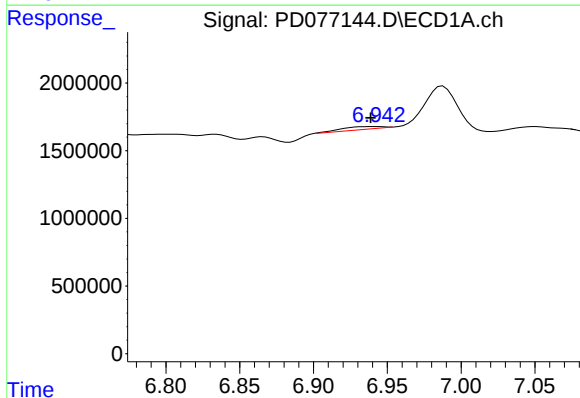
R.T.: 7.051 min  
Delta R.T.: 0.014 min  
Response: -1446768  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



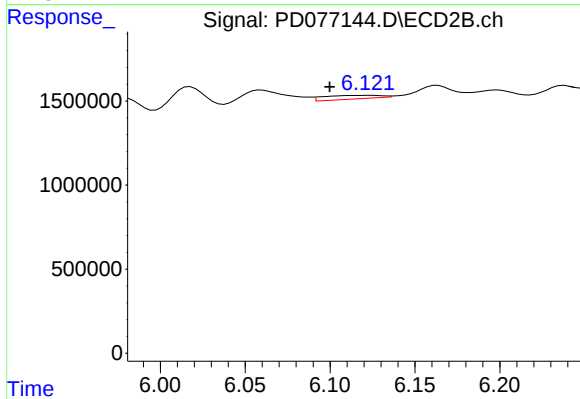
#17 4,4'-DDT

R.T.: 6.018 min  
Delta R.T.: -0.007 min  
Response: 1618431  
Conc: 1.46 ng/ml



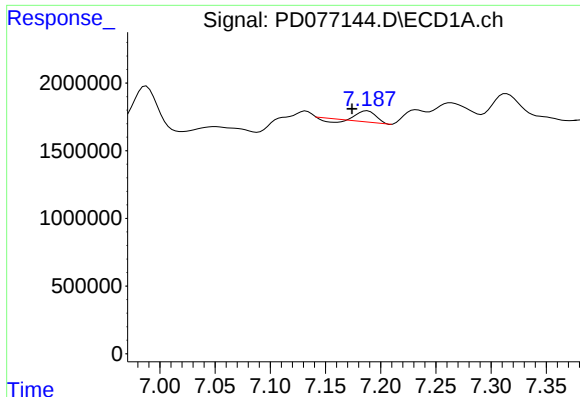
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: 0.004 min  
Response: 402366  
Conc: 0.18 ng/ml



#18 Endrin aldehyde

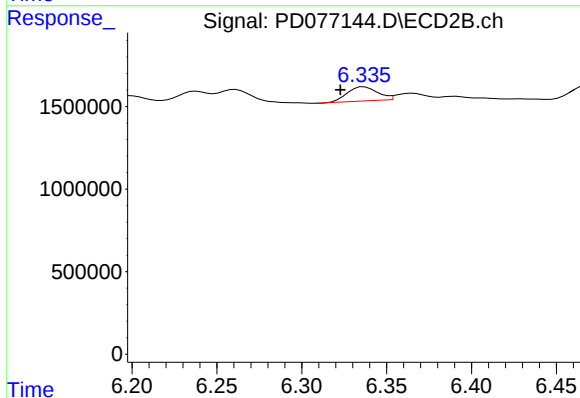
R.T.: 6.123 min  
Delta R.T.: 0.023 min  
Response: 505147  
Conc: 0.44 ng/ml



#19 Endosulfan Sulfate

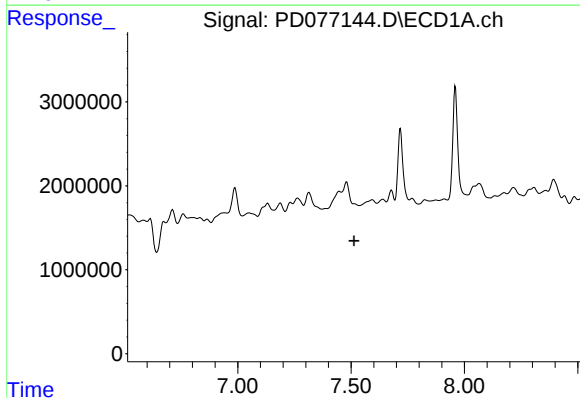
R.T.: 7.188 min  
Delta R.T.: 0.014 min  
Response: 811163  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



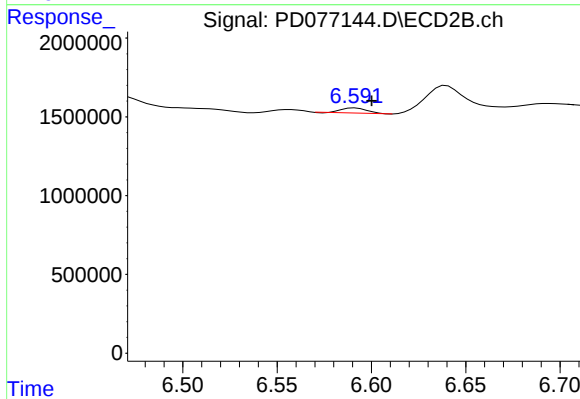
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: 0.014 min  
Response: 1050711  
Conc: 0.79 ng/ml



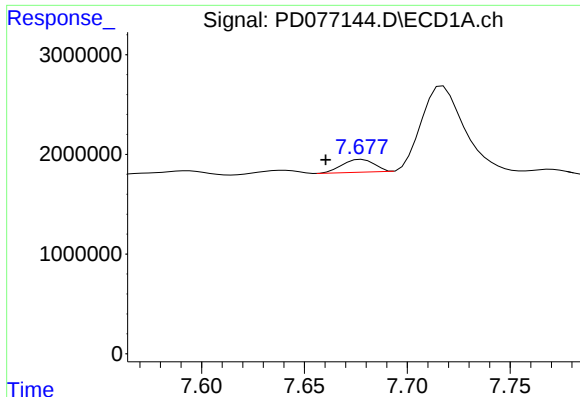
#20 Methoxychlor

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



#20 Methoxychlor

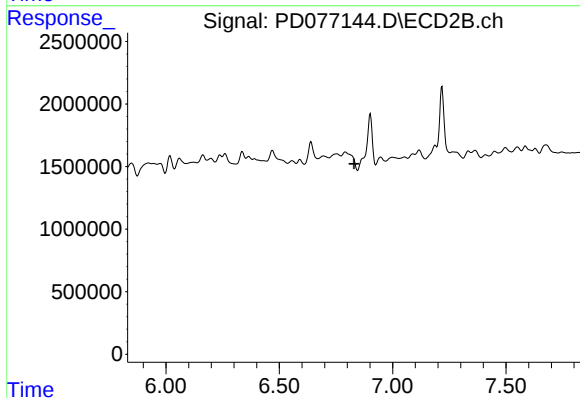
R.T.: 6.591 min  
Delta R.T.: -0.009 min  
Response: 308716  
Conc: 0.52 ng/ml



#21 Endrin ketone

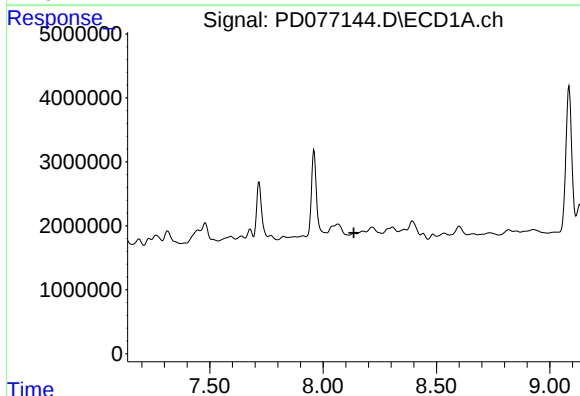
R.T.: 7.678 min  
Delta R.T.: 0.017 min  
Response: 1387200  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



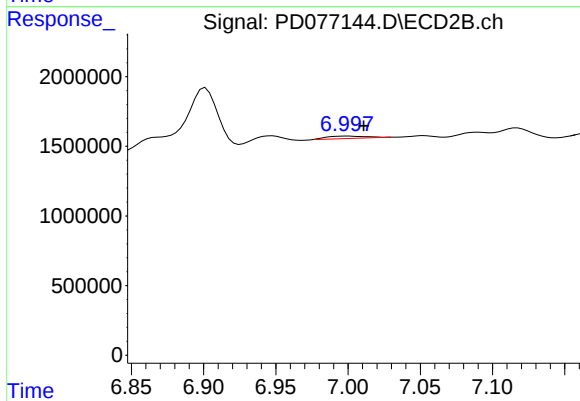
#21 Endrin ketone

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



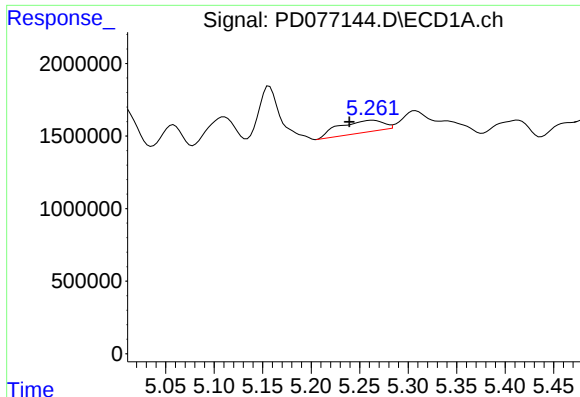
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: 0.000 min  
Response: -284763  
Conc: N.D.



#22 Mirex

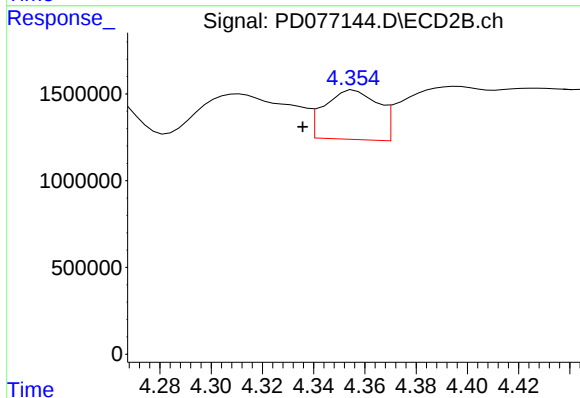
R.T.: 6.999 min  
Delta R.T.: -0.011 min  
Response: 334151  
Conc: 0.26 ng/ml



#24 Chlordane-2

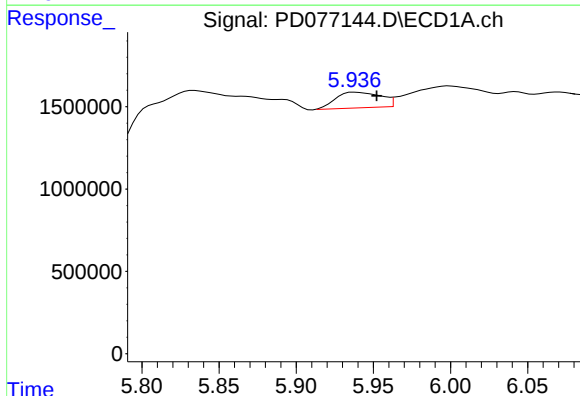
R.T.: 5.264 min  
Delta R.T.: 0.024 min  
Response: 2620324  
Conc: 21.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



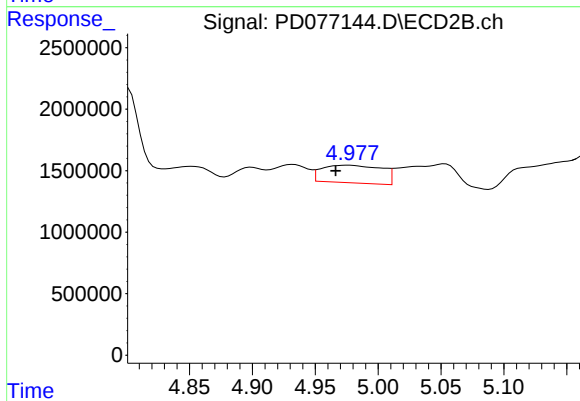
#24 Chlordane-2

R.T.: 4.356 min  
Delta R.T.: 0.020 min  
Response: 4135346  
Conc: 73.54 ng/ml



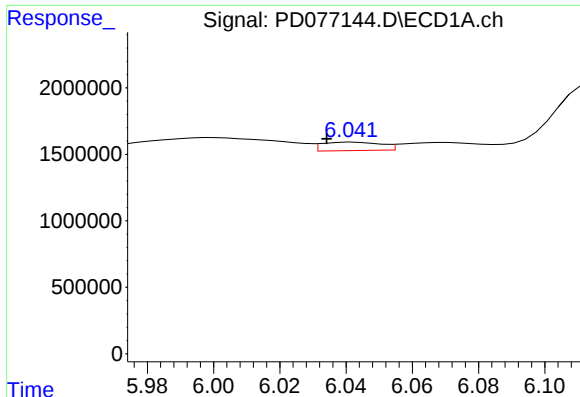
#25 Chlordane-3

R.T.: 5.938 min  
Delta R.T.: -0.014 min  
Response: 1937699  
Conc: 4.09 ng/ml



#25 Chlordane-3

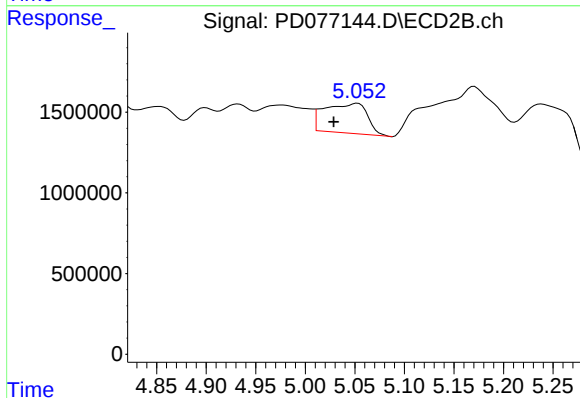
R.T.: 4.976 min  
Delta R.T.: 0.010 min  
Response: 4727000  
Conc: 28.97 ng/ml



#26 Chlordane-4

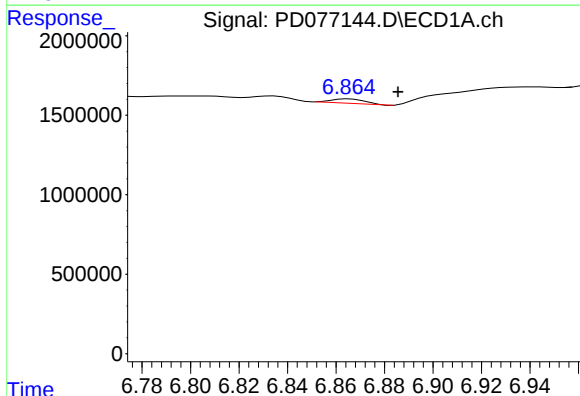
R.T.: 6.042 min  
Delta R.T.: 0.008 min  
Response: 782115  
Conc: 1.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



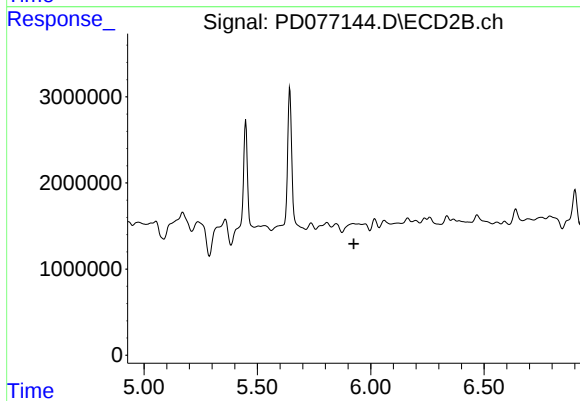
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: 0.024 min  
Response: 5567836  
Conc: 34.56 ng/ml



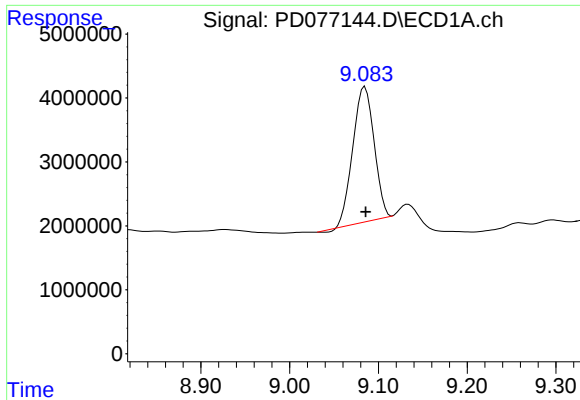
#27 Chlordane-5

R.T.: 6.865 min  
Delta R.T.: -0.020 min  
Response: 268202  
Conc: 2.89 ng/ml



#27 Chlordane-5

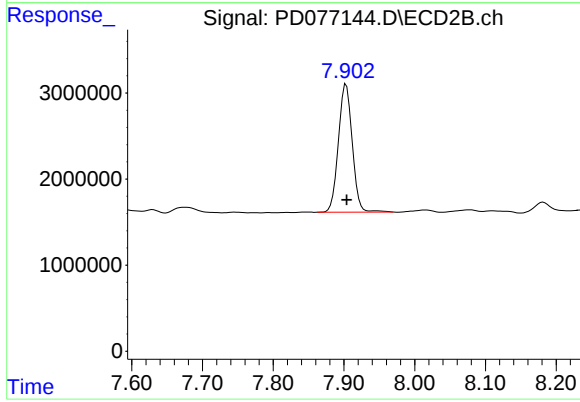
R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: -48224  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 34947916  
Conc: 12.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
NEVINS-SB02-Z21-23



#28 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.000 min  
Response: 20270194  
Conc: 14.16 ng/ml