

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070723\  
 Data File : PD076375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2023 16:03  
 Operator : AR\AJ  
 Sample : 03515-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 21:39:48 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  | 2.765  | 45221937 | 30290822 | 13.802 | 19.068 # |
| 28)                         | SA Decachlor... | 9.085  | 7.907  | 44436964 | 17566934 | 12.498 | 13.958   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.994  | 3.262  | 360131   | 2114446  | 0.062  | 0.878 #  |
| 3)                          | MA gamma-BHC... | 4.308f | 3.603  | 248933   | 237323   | 0.048  | 0.107 #  |
| 4)                          | MA Heptachlor   | 4.943f | 3.939  | 585334   | 61548    | 0.106  | 0.027 #  |
| 5)                          | MB Aldrin       | 5.250f | 4.225  | 386866   | 14188    | 0.072  | 0.006 #  |
| 6)                          | B beta-BHC      | 4.542  | 3.900  | -177248  | 169087   | N.D.   | 0.190    |
| 7)                          | B delta-BHC     | 4.764f | 4.110  | 1484004  | 35559    | 0.289  | 0.017 #  |
| 8)                          | B Heptachlo...  | 5.699  | 4.718  | 661275   | 6214     | 0.137  | 0.003 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.117f | 0        | 629701   | N.D.   | 0.336 #  |
| 10)                         | B gamma-Chl...  | 5.951  | 4.972  | 1508589  | 338428   | 0.310  | 0.170 #  |
| 11)                         | B alpha-Chl...  | 6.034  | 5.032  | 1156172  | 712282   | 0.241  | 0.358 #  |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.221  | 558329   | 396075   | 0.132  | 0.258 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.362  | 0        | 471456   | N.D.   | 0.239 #  |
| 15)                         | B Endosulfa...  | 6.791f | 5.928  | 125240   | 292721   | 0.034  | 0.189 #  |
| 16)                         | A 4,4'-DDD      | 6.721  | 5.779  | 1750083  | 136569   | 0.521  | 0.113 #  |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.031  | 519416   | 276619   | 0.148  | 0.229 #  |
| 18)                         | B Endrin al...  | 6.946  | 6.088f | 158840   | 221356   | 0.058  | 0.194 #  |
| 19)                         | B Endosulfa...  | 7.178  | 6.316  | 745288   | 220462   | 0.202  | 0.145 #  |
| 20)                         | A Methoxychlor  | 7.505  | 0.000  | 7119419  | 0        | 3.725  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.682f | 0.000  | 4856890  | 0        | 1.163  | N.D. #   |
| 22)                         | Mirex           | 8.110f | 7.019  | 268223   | 52075    | 0.085  | 0.035 #  |
| 23)                         | Chlordane-1     | 4.694f | 3.770  | 2303954  | 126078   | 19.866 | 2.849 #  |
| 24)                         | Chlordane-2     | 5.250  | 4.345  | 386866   | 39947    | 3.021  | 0.822 #  |
| 25)                         | Chlordane-3     | 5.951  | 4.972  | 1508589  | 338428   | 2.981  | 2.412    |
| 26)                         | Chlordane-4     | 6.034  | 5.032  | 1156172  | 712282   | 1.881  | 5.058 #  |
| 27)                         | Chlordane-5     | 6.896  | 5.928  | 32967    | 292721   | 0.338  | 6.290 #  |
| -----                       |                 |        |        |          |          |        |          |

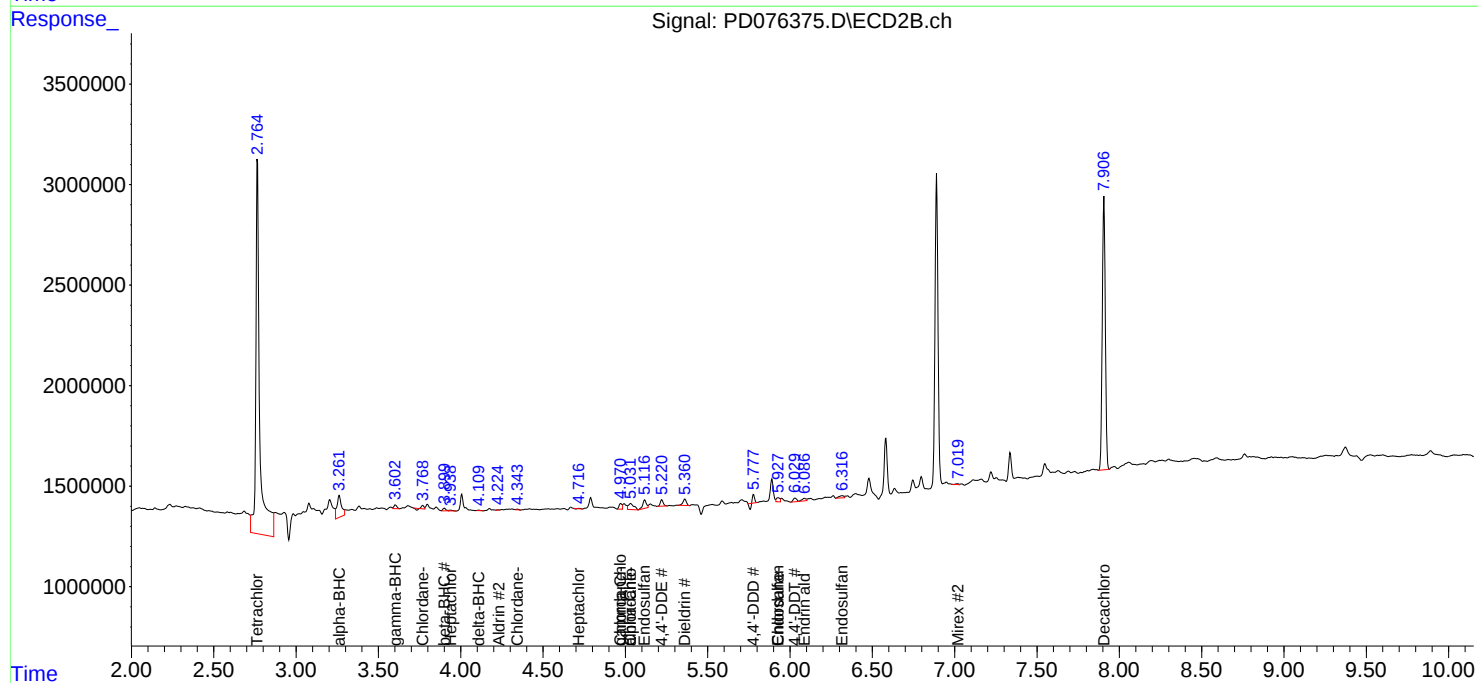
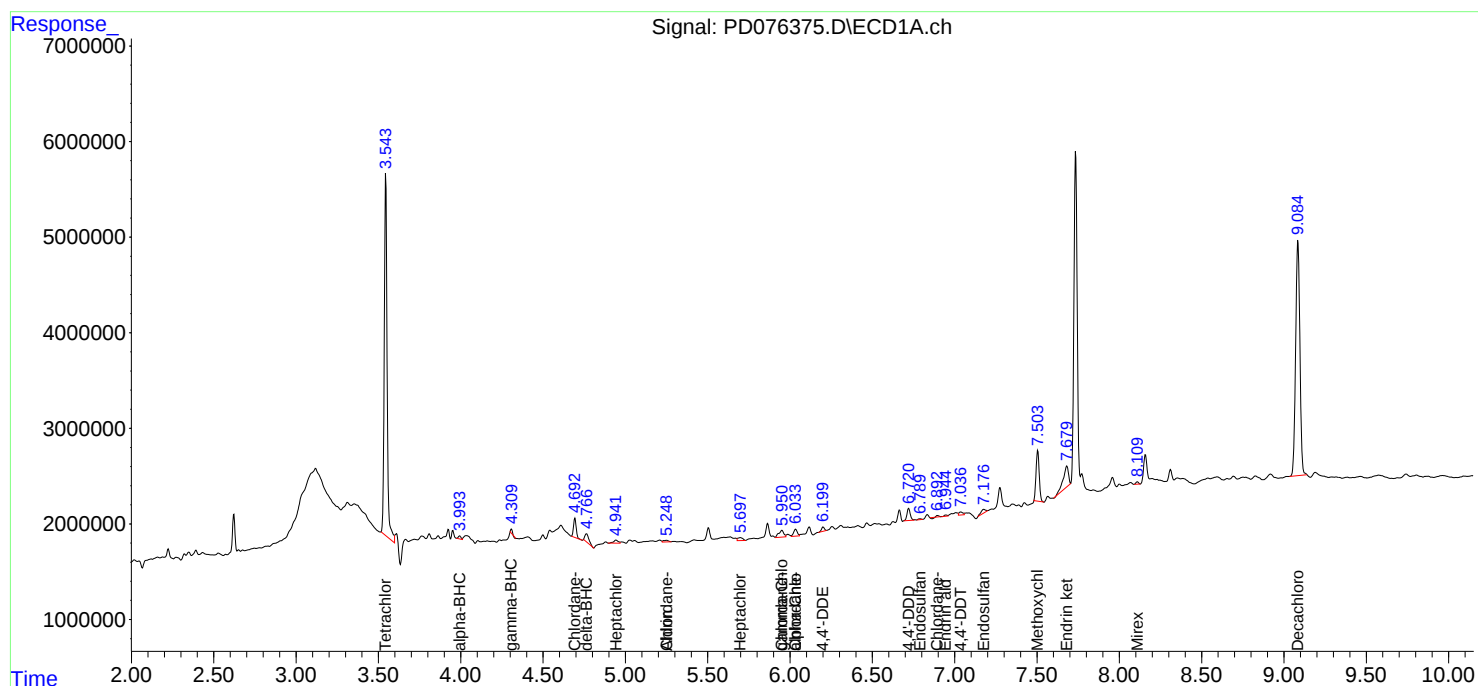
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

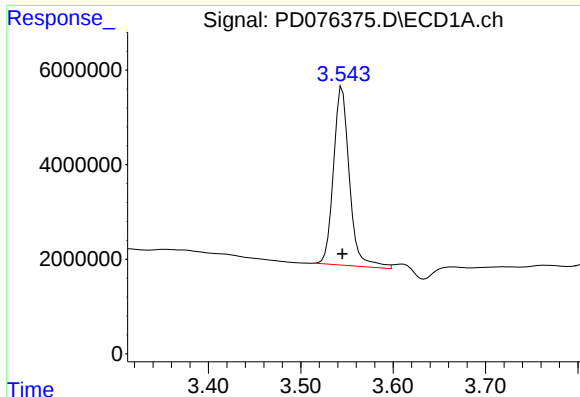
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070723\  
Data File : PD076375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2023 16:03  
Operator : AR\AJ  
Sample : 03515-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 06 21:39:48 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  
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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

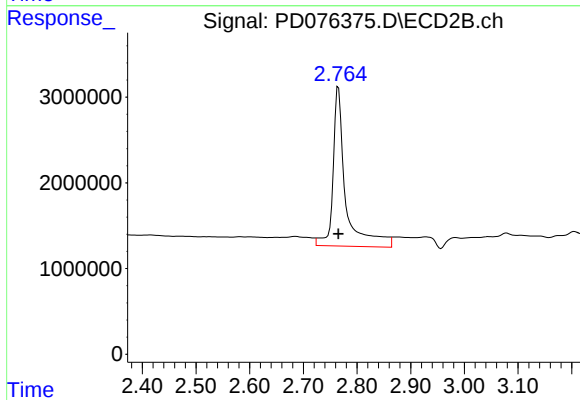




#1 Tetrachloro-m-xylene

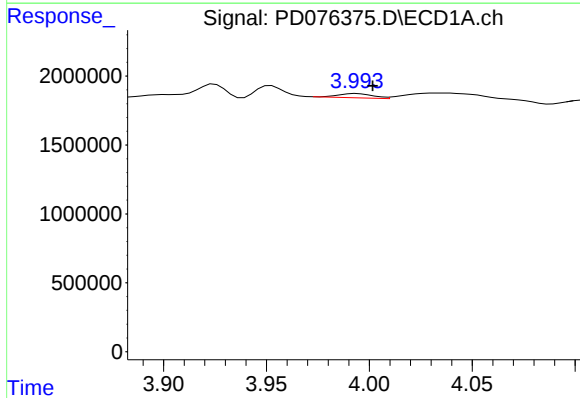
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 45221937  
Conc: 13.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



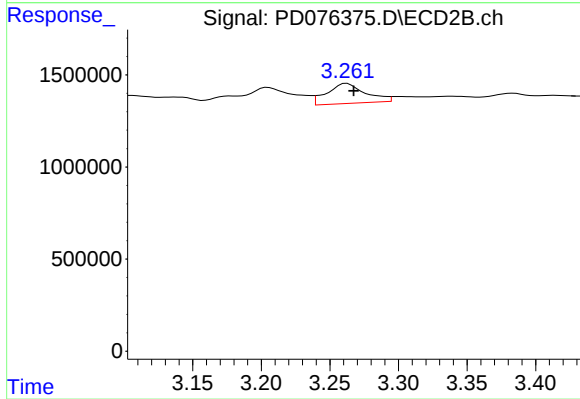
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: 0.000 min  
Response: 30290822  
Conc: 19.07 ng/ml



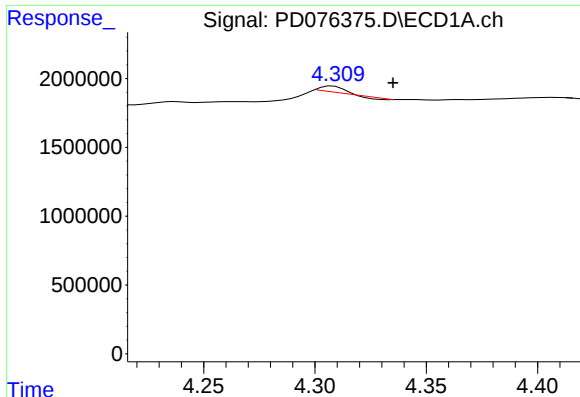
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.008 min  
Response: 360131  
Conc: 0.06 ng/ml



#2 alpha-BHC

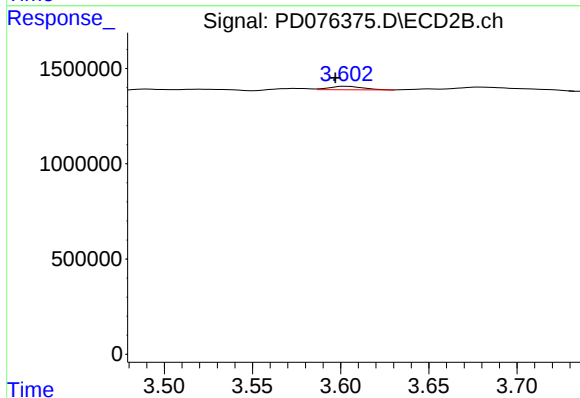
R.T.: 3.262 min  
Delta R.T.: -0.005 min  
Response: 2114446  
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

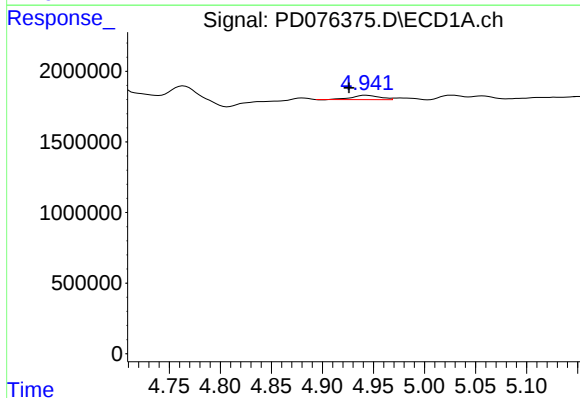
R.T.: 4.308 min  
Delta R.T.: -0.027 min  
Response: 248933  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



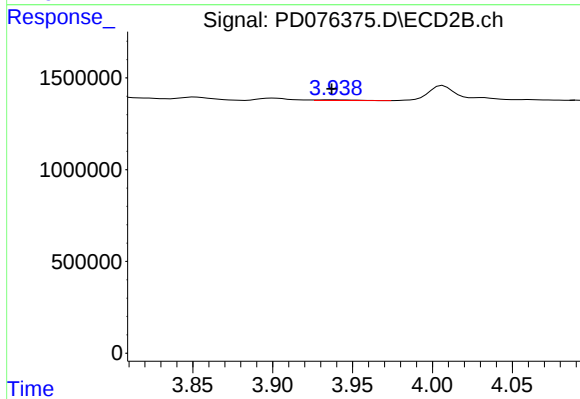
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.006 min  
Response: 237323  
Conc: 0.11 ng/ml



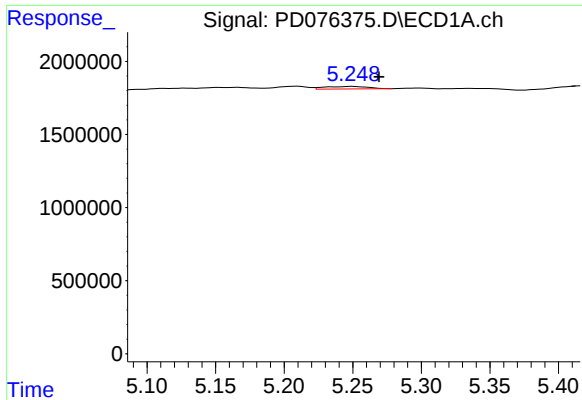
#4 Heptachlor

R.T.: 4.943 min  
Delta R.T.: 0.016 min  
Response: 585334  
Conc: 0.11 ng/ml



#4 Heptachlor

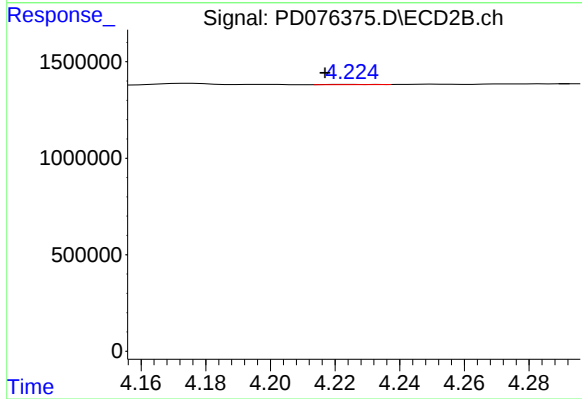
R.T.: 3.939 min  
Delta R.T.: 0.002 min  
Response: 61548  
Conc: 0.03 ng/ml



#5 Aldrin

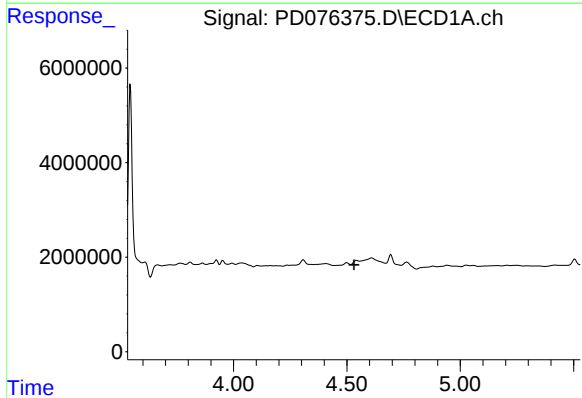
R.T.: 5.250 min  
Delta R.T.: -0.019 min  
Response: 386866  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



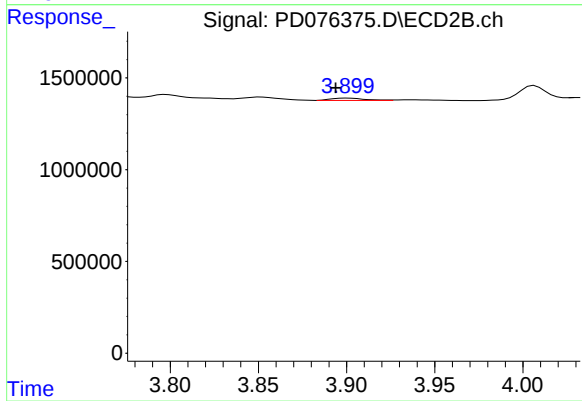
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.008 min  
Response: 14188  
Conc: 0.01 ng/ml



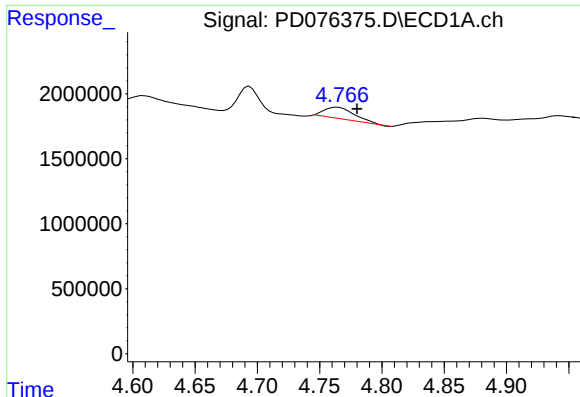
#6 beta-BHC

R.T.: 4.542 min  
Delta R.T.: 0.011 min  
Response: -177248  
Conc: N.D.



#6 beta-BHC

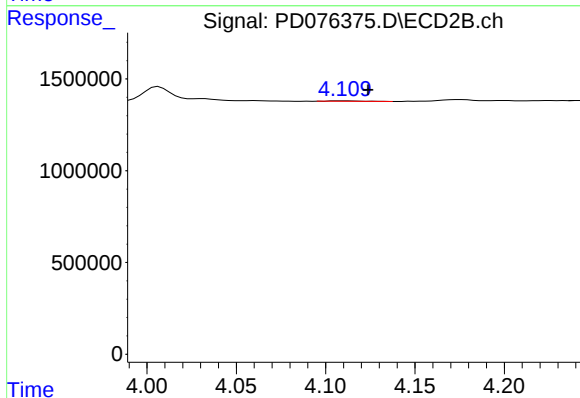
R.T.: 3.900 min  
Delta R.T.: 0.007 min  
Response: 169087  
Conc: 0.19 ng/ml



#7 delta-BHC

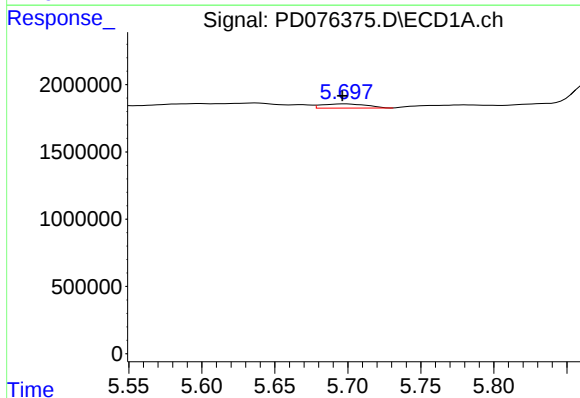
R.T.: 4.764 min  
Delta R.T.: -0.016 min  
Response: 1484004  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



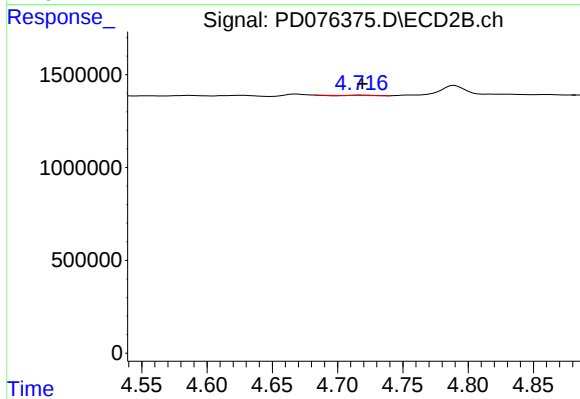
#7 delta-BHC

R.T.: 4.110 min  
Delta R.T.: -0.014 min  
Response: 35559  
Conc: 0.02 ng/ml



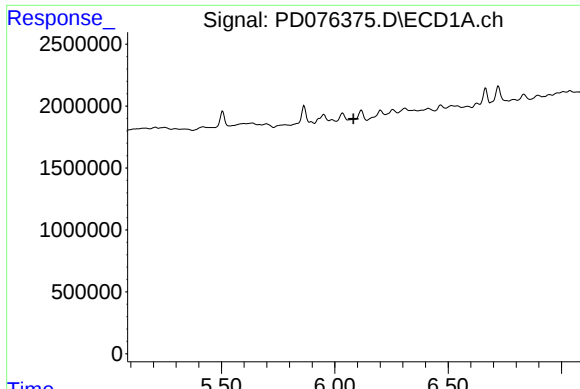
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.002 min  
Response: 661275  
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

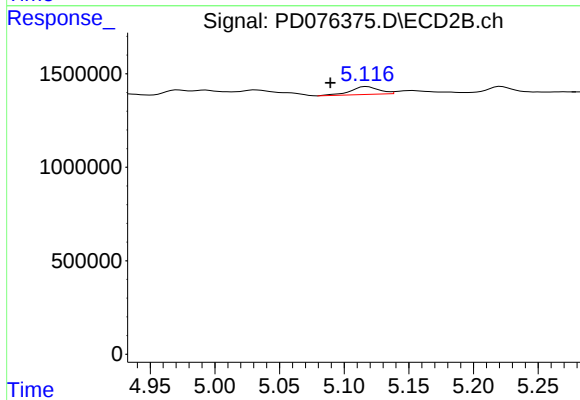
R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 6214  
Conc: 0.00 ng/ml



#9 Endosulfan I

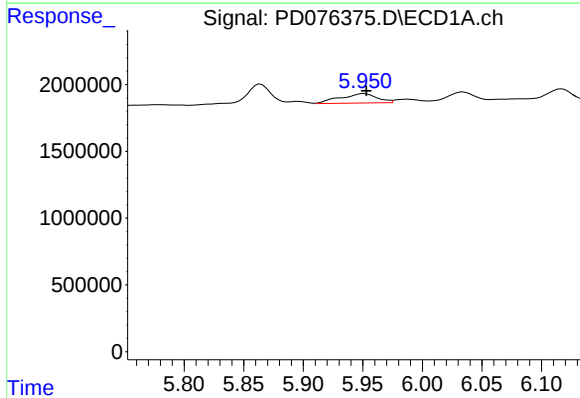
R.T.: 0.000 min  
Exp R.T.: 6.083 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



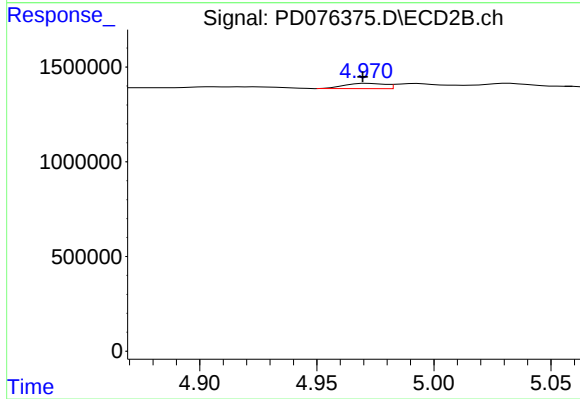
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: 0.028 min  
Response: 629701  
Conc: 0.34 ng/ml



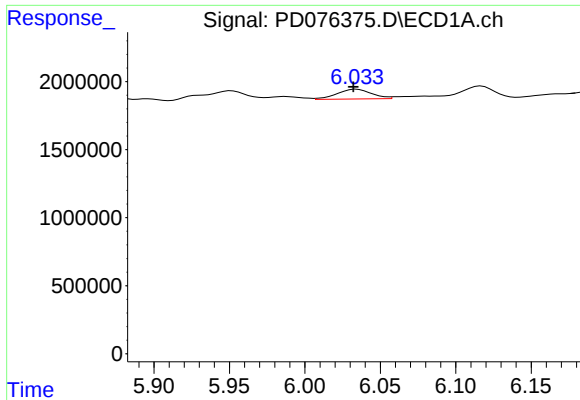
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 1508589  
Conc: 0.31 ng/ml



#10 gamma-Chlordane

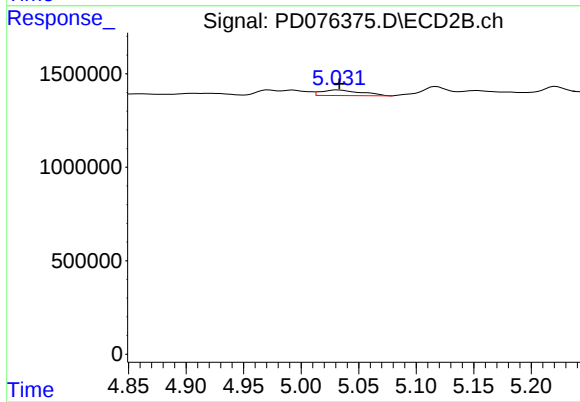
R.T.: 4.972 min  
Delta R.T.: 0.002 min  
Response: 338428  
Conc: 0.17 ng/ml



#11 alpha-Chlordane

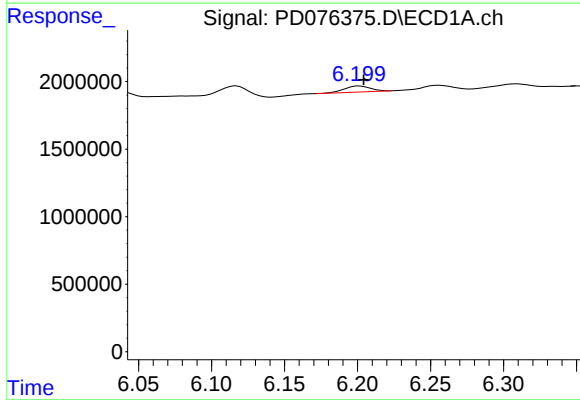
R.T.: 6.034 min  
Delta R.T.: 0.002 min  
Response: 1156172  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



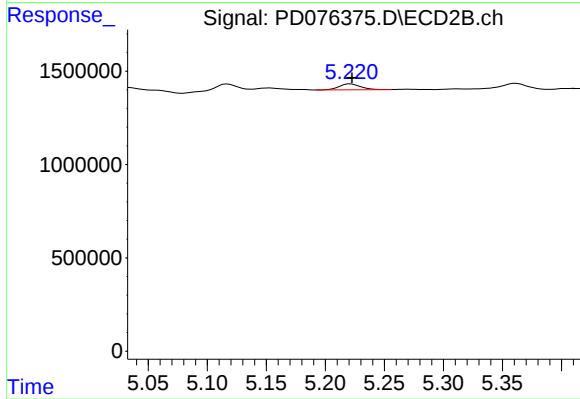
#11 alpha-Chlordane

R.T.: 5.032 min  
Delta R.T.: -0.001 min  
Response: 712282  
Conc: 0.36 ng/ml



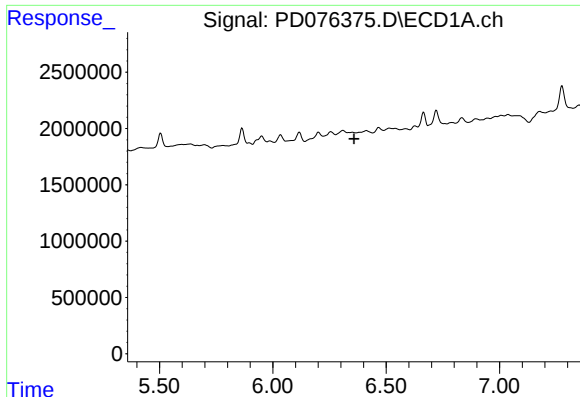
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: -0.003 min  
Response: 558329  
Conc: 0.13 ng/ml



#12 4,4'-DDE

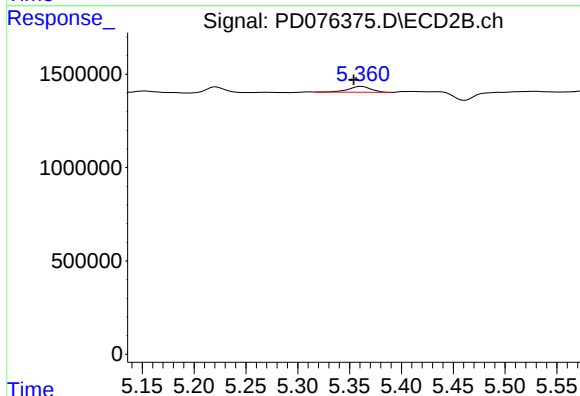
R.T.: 5.221 min  
Delta R.T.: -0.001 min  
Response: 396075  
Conc: 0.26 ng/ml



#13 Dieldrin

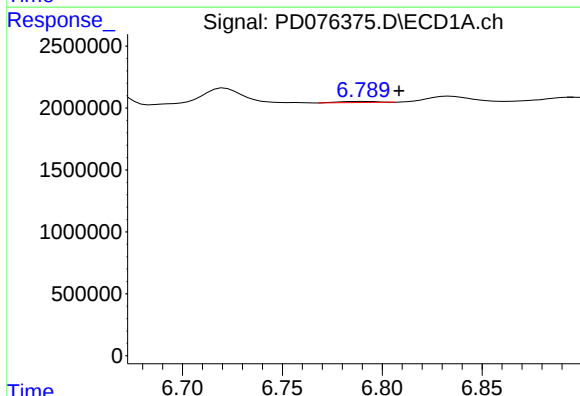
R.T.: 0.000 min  
Exp R.T.: 6.359 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



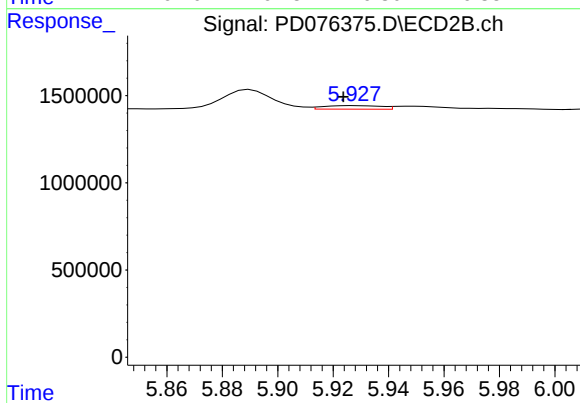
#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: 0.008 min  
Response: 471456  
Conc: 0.24 ng/ml



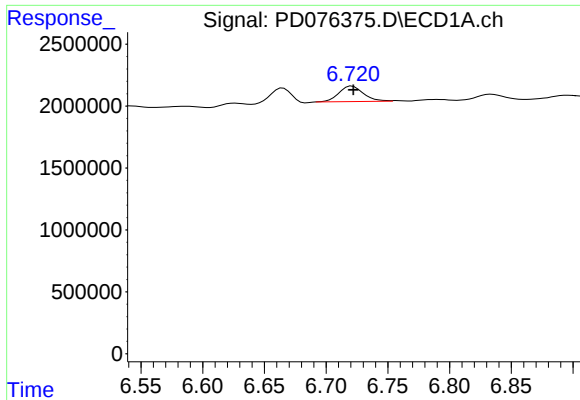
#15 Endosulfan II

R.T.: 6.791 min  
Delta R.T.: -0.017 min  
Response: 125240  
Conc: 0.03 ng/ml



#15 Endosulfan II

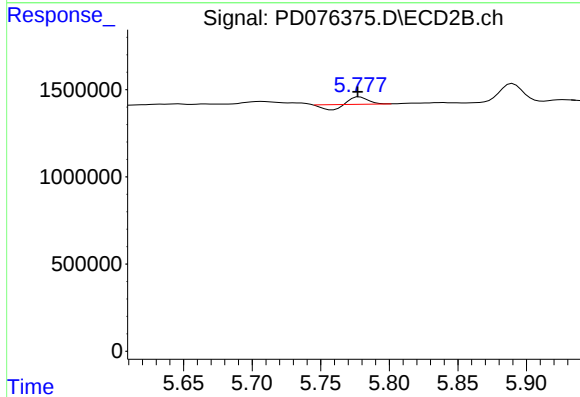
R.T.: 5.928 min  
Delta R.T.: 0.004 min  
Response: 292721  
Conc: 0.19 ng/ml



#16 4,4'-DDD

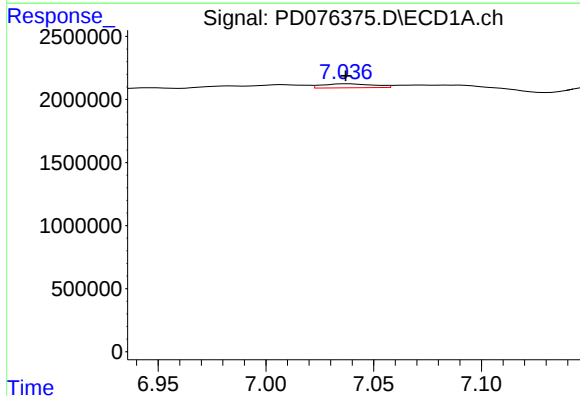
R.T.: 6.721 min  
Delta R.T.: -0.001 min  
Response: 1750083  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



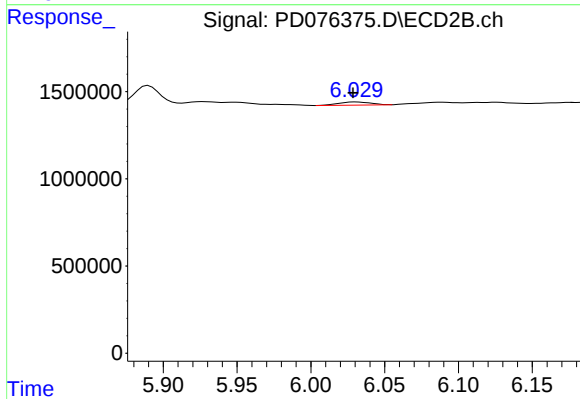
#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: 0.001 min  
Response: 136569  
Conc: 0.11 ng/ml



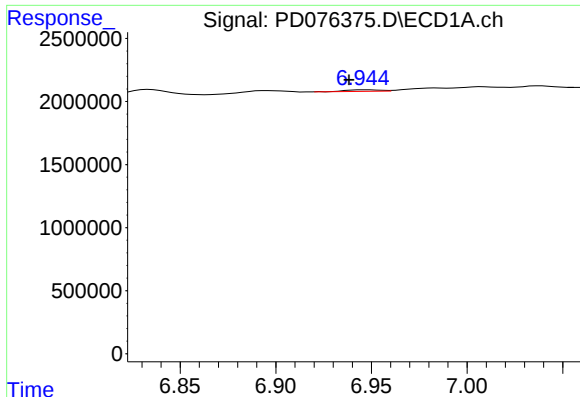
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: 0.001 min  
Response: 519416  
Conc: 0.15 ng/ml



#17 4,4'-DDT

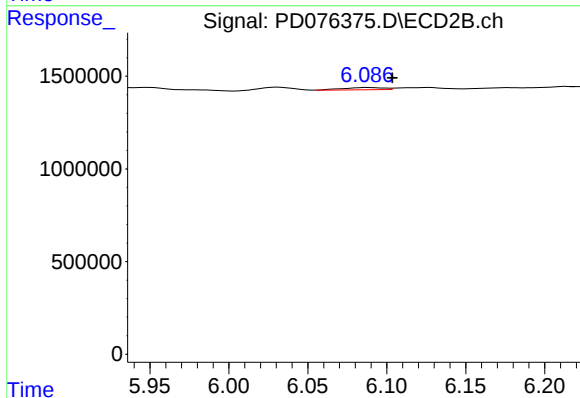
R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 276619  
Conc: 0.23 ng/ml



#18 Endrin aldehyde

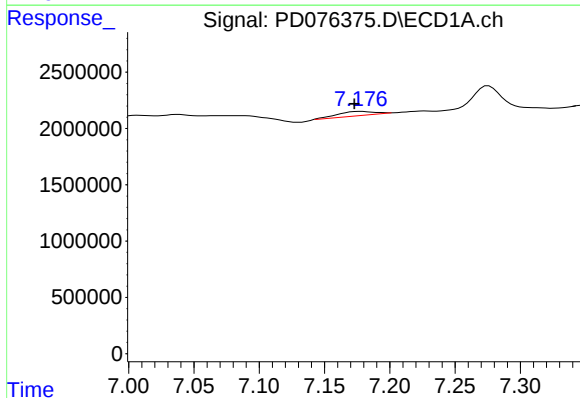
R.T.: 6.946 min  
Delta R.T.: 0.008 min  
Response: 158840  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



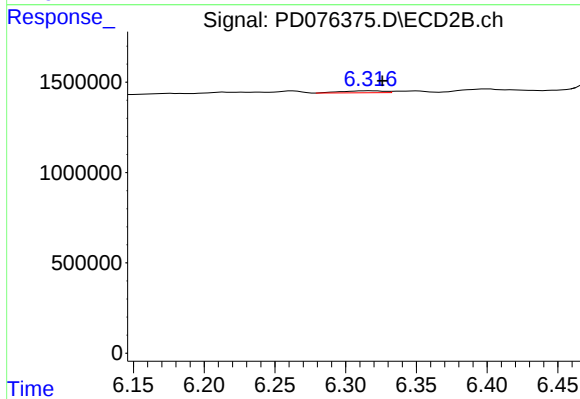
#18 Endrin aldehyde

R.T.: 6.088 min  
Delta R.T.: -0.015 min  
Response: 221356  
Conc: 0.19 ng/ml



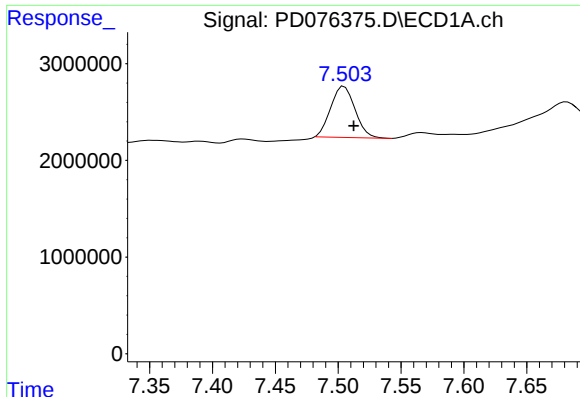
#19 Endosulfan Sulfate

R.T.: 7.178 min  
Delta R.T.: 0.005 min  
Response: 745288  
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

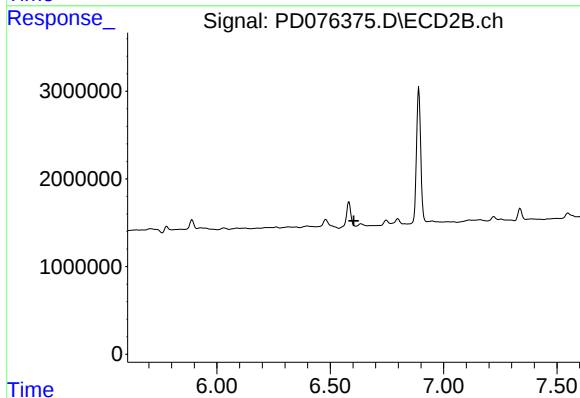
R.T.: 6.316 min  
Delta R.T.: -0.010 min  
Response: 220462  
Conc: 0.15 ng/ml



#20 Methoxychlor

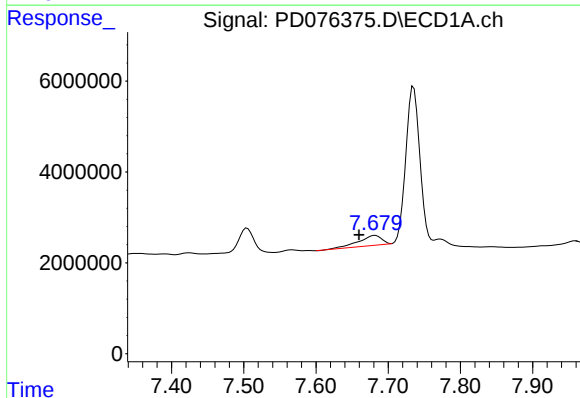
R.T.: 7.505 min  
Delta R.T.: -0.008 min  
Response: 7119419  
Conc: 3.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



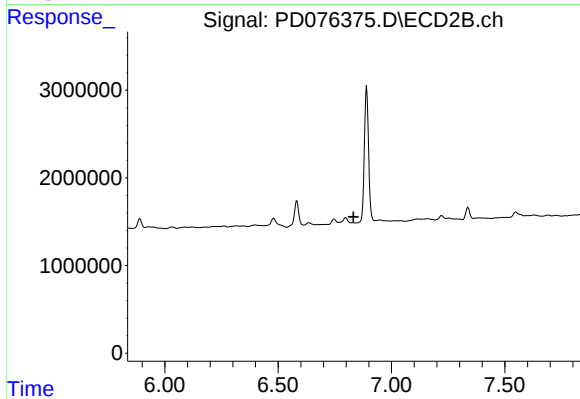
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.604 min  
Response: 0  
Conc: N.D.



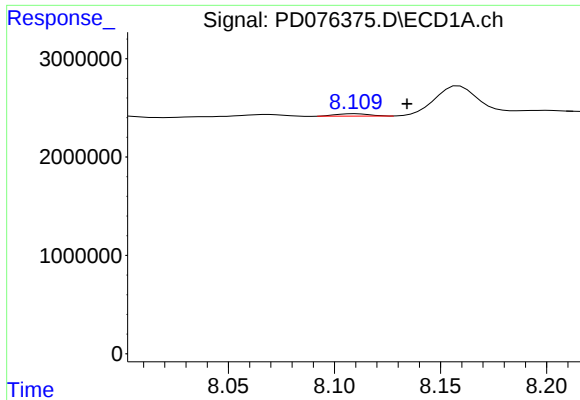
#21 Endrin ketone

R.T.: 7.682 min  
Delta R.T.: 0.022 min  
Response: 4856890  
Conc: 1.16 ng/ml



#21 Endrin ketone

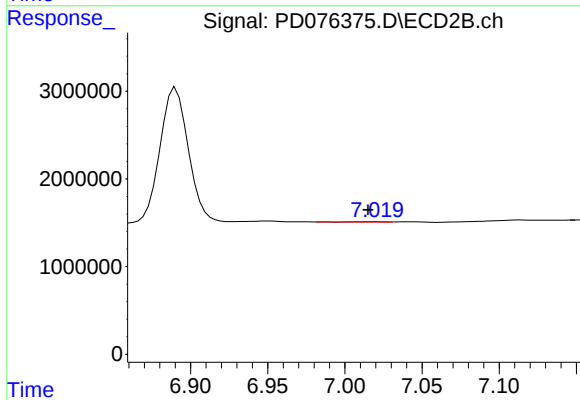
R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.



#22 Mirex

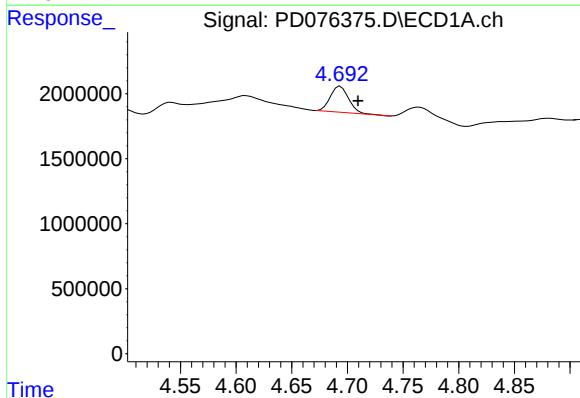
R.T.: 8.110 min  
Delta R.T.: -0.024 min  
Response: 268223  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



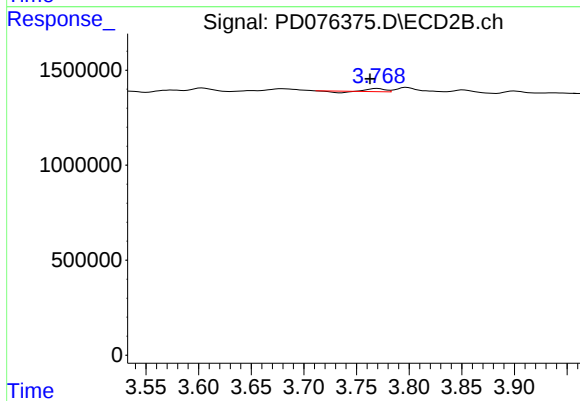
#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.004 min  
Response: 52075  
Conc: 0.04 ng/ml



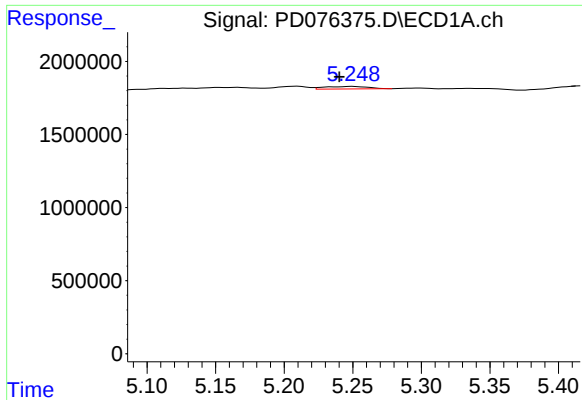
#23 Chlordane-1

R.T.: 4.694 min  
Delta R.T.: -0.016 min  
Response: 2303954  
Conc: 19.87 ng/ml



#23 Chlordane-1

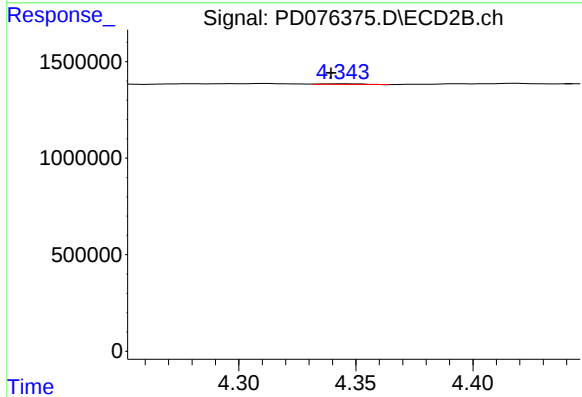
R.T.: 3.770 min  
Delta R.T.: 0.007 min  
Response: 126078  
Conc: 2.85 ng/ml



#24 Chlordane-2

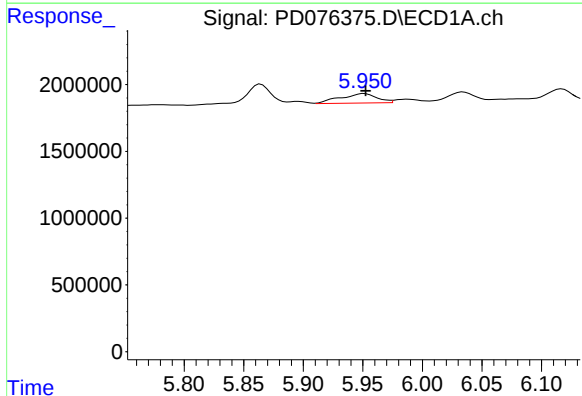
R.T.: 5.250 min  
Delta R.T.: 0.010 min  
Response: 386866  
Conc: 3.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



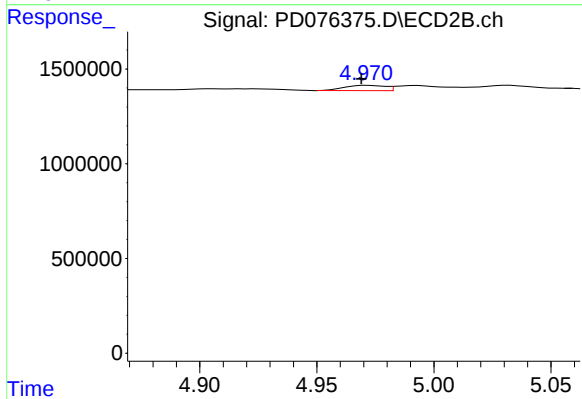
#24 Chlordane-2

R.T.: 4.345 min  
Delta R.T.: 0.006 min  
Response: 39947  
Conc: 0.82 ng/ml



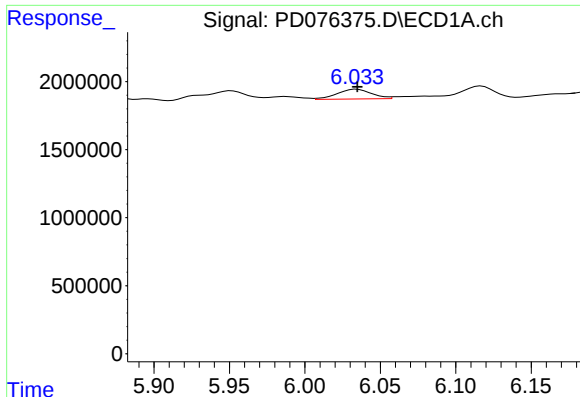
#25 Chlordane-3

R.T.: 5.951 min  
Delta R.T.: -0.001 min  
Response: 1508589  
Conc: 2.98 ng/ml



#25 Chlordane-3

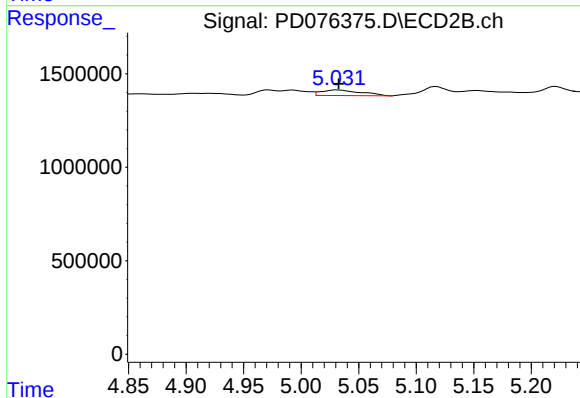
R.T.: 4.972 min  
Delta R.T.: 0.003 min  
Response: 338428  
Conc: 2.41 ng/ml



#26 Chlordane-4

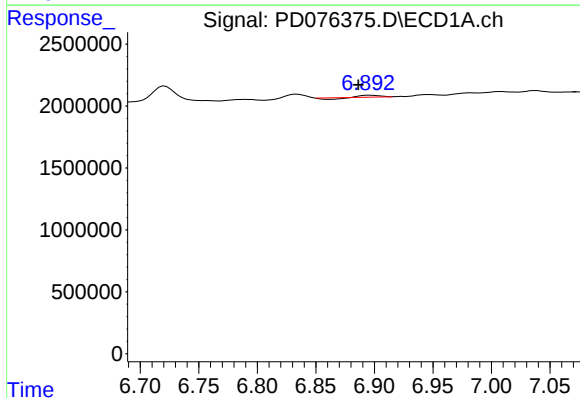
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 1156172  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



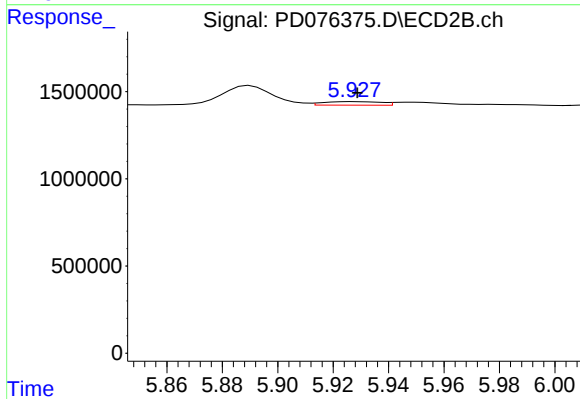
#26 Chlordane-4

R.T.: 5.032 min  
Delta R.T.: 0.000 min  
Response: 712282  
Conc: 5.06 ng/ml



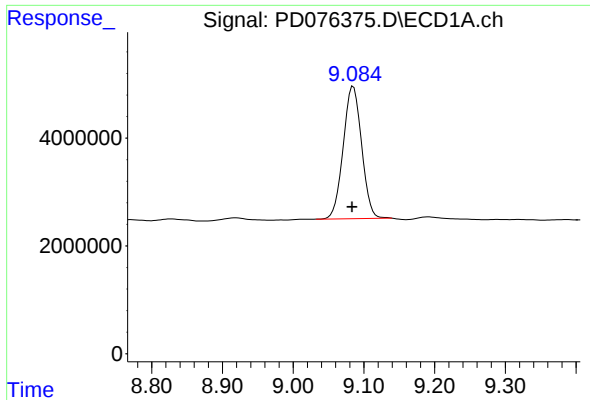
#27 Chlordane-5

R.T.: 6.896 min  
Delta R.T.: 0.009 min  
Response: 32967  
Conc: 0.34 ng/ml



#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 292721  
Conc: 6.29 ng/ml



#28 Decachlorobiphenyl

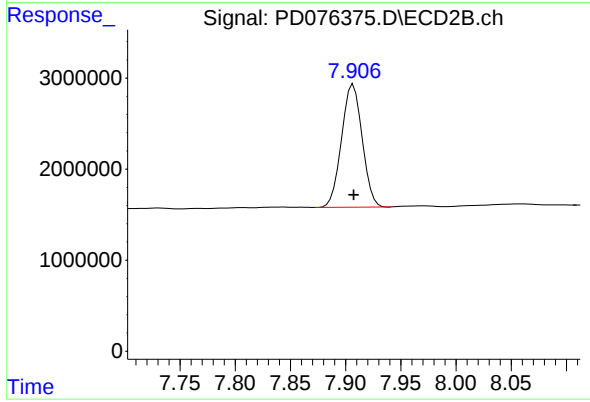
R.T.: 9.085 min

Delta R.T.: 0.002 min

Response: 44436964

Conc: 12.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.907 min

Delta R.T.: 0.000 min

Response: 17566934

Conc: 13.96 ng/ml