

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
 Data File : PD076484.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 02:59  
 Operator : AR\AJ  
 Sample : 03548-01  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-1

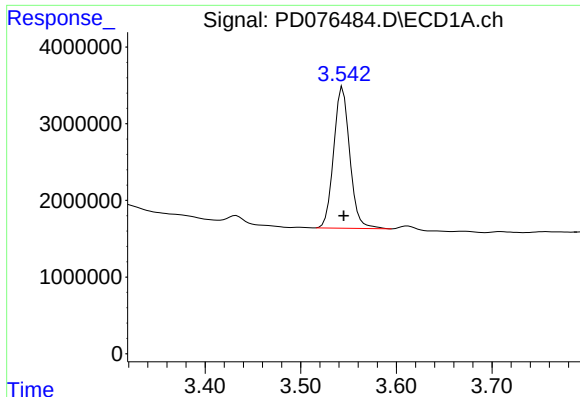
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 05:18:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 05 05:21:22 2023  
 Response via : Initial Calibration  
 Integrator: 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... | 3.544  | 2.764  | 21505063 | 12403116 | 6.564  | 7.808   |
| 2)                          | SA Decachlor... | 9.086  | 7.907  | 21161352 | 9492238  | 5.952  | 7.542 # |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.268  | 0        | 53337    | N.D.   | 0.022 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.604  | 0        | 18979    | N.D.   | 0.009 # |
| 4)                          | MA Heptachlor   | 4.925  | 3.932  | 661897   | 114551   | 0.120  | 0.050 # |
| 5)                          | MB Aldrin       | 5.266  | 4.216  | 810633   | 357687   | 0.152  | 0.161   |
| 6)                          | B beta-BHC      | 0.000  | 3.901  | 0        | 22824    | N.D.   | 0.026 # |
| 7)                          | B delta-BHC     | 4.771  | 4.129  | 2184085  | 71649    | 0.425  | 0.034 # |
| 8)                          | B Heptachlo...  | 5.686  | 4.721  | 806855   | 14229    | 0.167  | 0.007 # |
| 9)                          | A Endosulfan I  | 6.078  | 5.096  | 77225    | 58258    | 0.017  | 0.031 # |
| 10)                         | B gamma-Chl...  | 5.953  | 4.969  | 4921036  | 1110557  | 1.012  | 0.558 # |
| 11)                         | B alpha-Chl...  | 6.035  | 5.031  | 9046495  | 2216659  | 1.883  | 1.115 # |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.221  | 884089   | 384045   | 0.208  | 0.250   |
| 13)                         | MA Dieldrin     | 6.356  | 5.355  | 144447   | 446573   | 0.031  | 0.227 # |
| 14)                         | MA Endrin       | 6.585  | 5.641  | 305370   | -13023   | 0.077  | N.D. #  |
| 15)                         | B Endosulfa...  | 6.780f | 5.928  | 241333   | 471045   | 0.065  | 0.304 # |
| 16)                         | A 4,4'-DDD      | 6.733  | 5.776  | 59182    | 12899    | 0.018  | 0.011 # |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.023  | 463679   | 622330   | 0.132  | 0.514 # |
| 18)                         | B Endrin al...  | 0.000  | 6.122f | 0        | 116764   | N.D.   | 0.102 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.323  | 0        | 85190    | N.D.   | 0.056 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.615  | 0        | 3704     | N.D.   | 0.006 # |
| 21)                         | B Endrin ke...  | 7.632f | 6.835  | 330210   | 22333    | 0.079  | 0.013 # |
| 22)                         | Mirex           | 0.000  | 7.015  | 0        | 66162    | N.D.   | 0.045 # |
| 23)                         | Chlordane-1     | 4.708  | 3.762  | 696527   | 383008   | 6.006  | 8.655 # |
| 24)                         | Chlordane-2     | 5.238  | 4.341  | 593858   | 360653   | 4.637  | 7.422 # |
| 25)                         | Chlordane-3     | 5.953  | 4.969  | 4921036  | 1110557  | 9.724  | 7.914   |
| 26)                         | Chlordane-4     | 6.035  | 5.031  | 9046495  | 2216659  | 14.714 | 15.741  |
| 27)                         | Chlordane-5     | 6.887  | 5.928  | 856853   | 471045   | 8.774  | 10.122  |
| -----                       |                 |        |        |          |          |        |         |

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

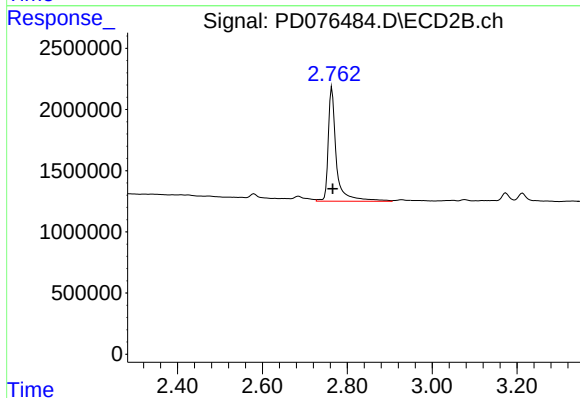




#1 Tetrachloro-m-xylene

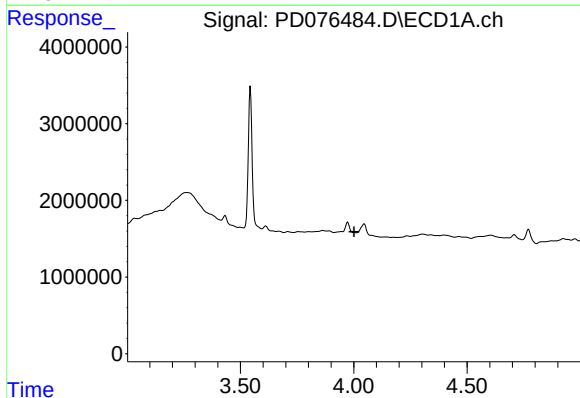
R.T.: 3.544 min  
Delta R.T.: -0.001 min  
Response: 21505063  
Conc: 6.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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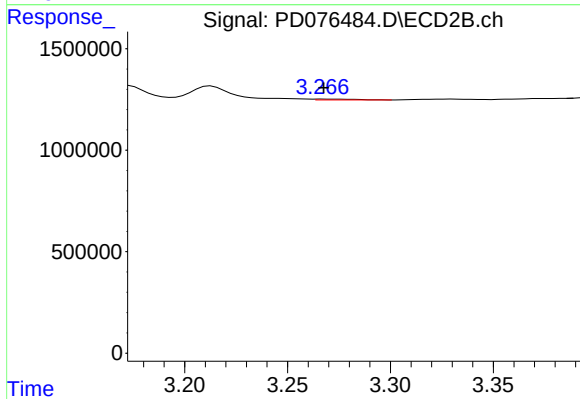
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: -0.001 min  
Response: 12403116  
Conc: 7.81 ng/ml



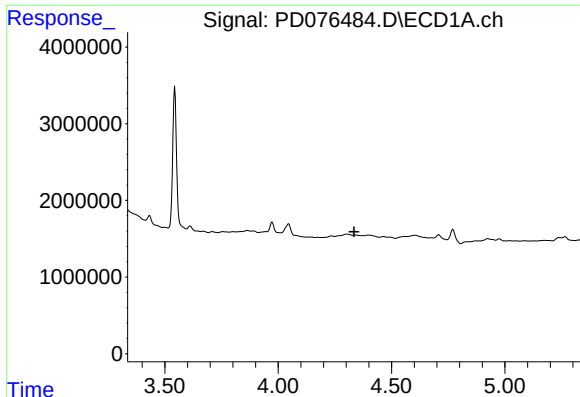
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

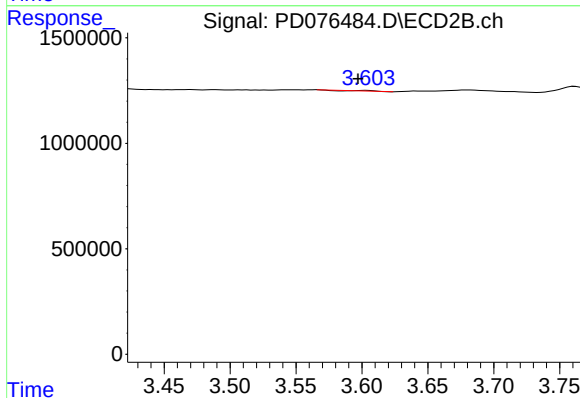
R.T.: 3.268 min  
Delta R.T.: 0.000 min  
Response: 53337  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

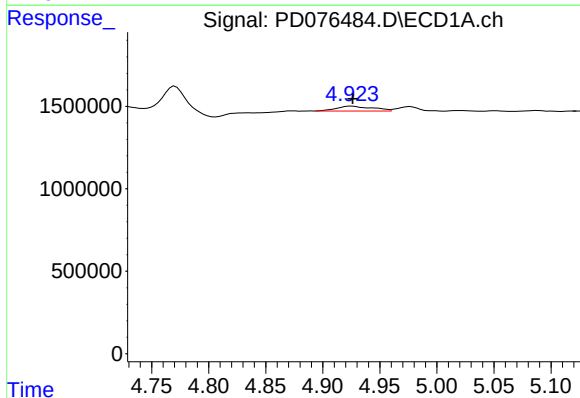
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



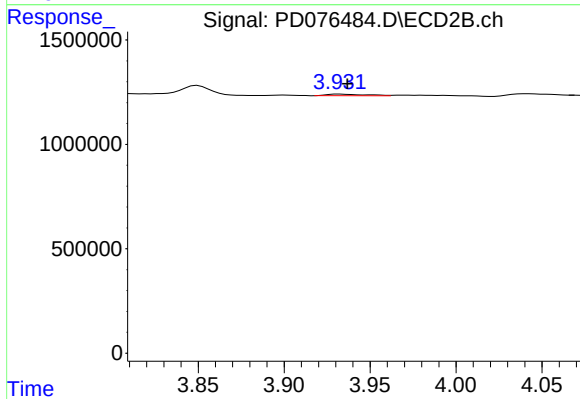
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: 0.007 min  
Response: 18979  
Conc: 0.01 ng/ml



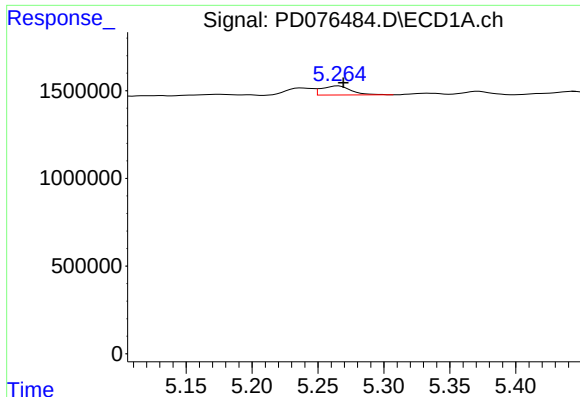
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.001 min  
Response: 661897  
Conc: 0.12 ng/ml



#4 Heptachlor

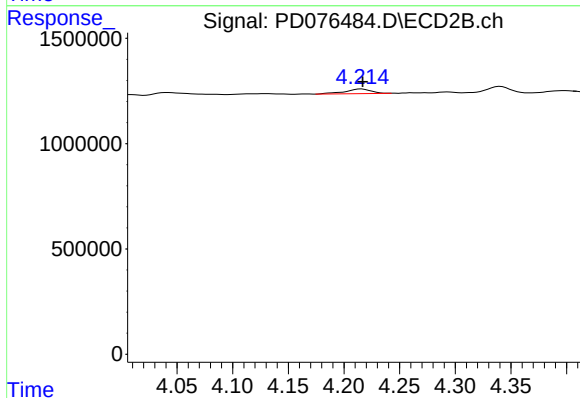
R.T.: 3.932 min  
Delta R.T.: -0.005 min  
Response: 114551  
Conc: 0.05 ng/ml



#5 Aldrin

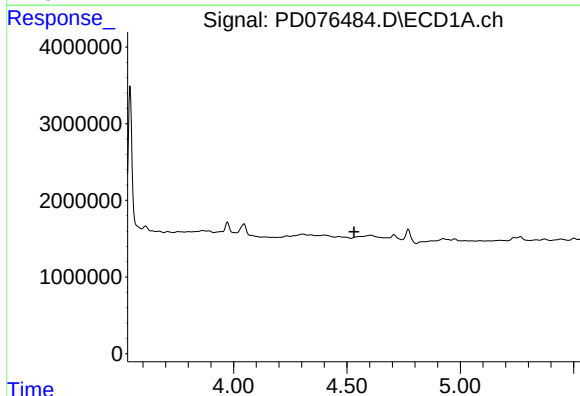
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 810633  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



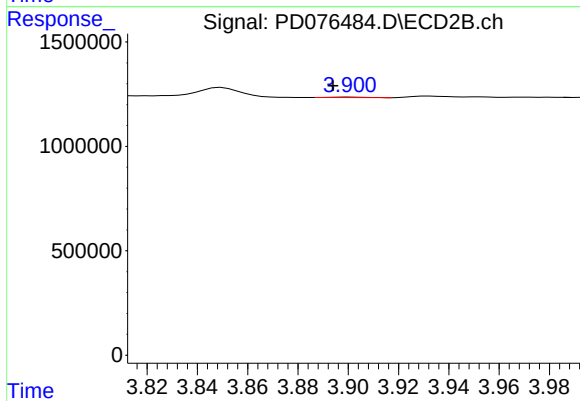
#5 Aldrin

R.T.: 4.216 min  
Delta R.T.: -0.001 min  
Response: 357687  
Conc: 0.16 ng/ml



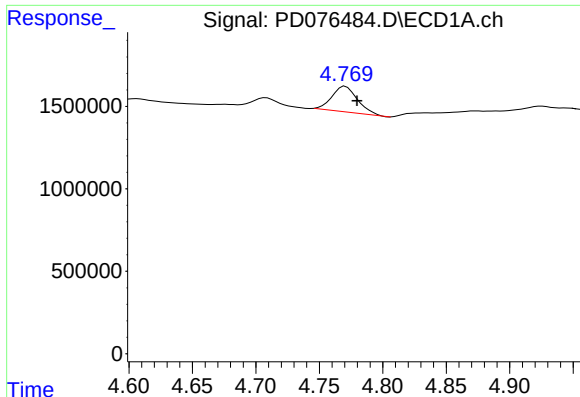
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.531 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

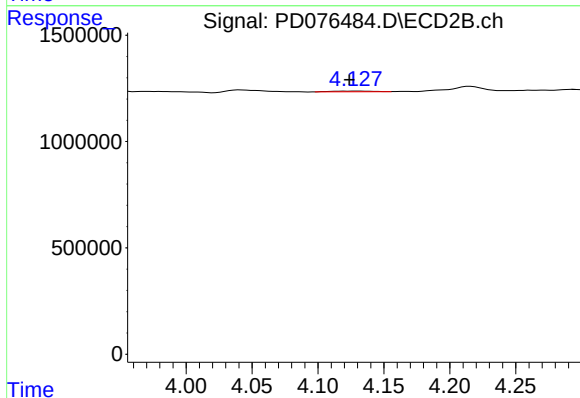
R.T.: 3.901 min  
Delta R.T.: 0.007 min  
Response: 22824  
Conc: 0.03 ng/ml



#7 delta-BHC

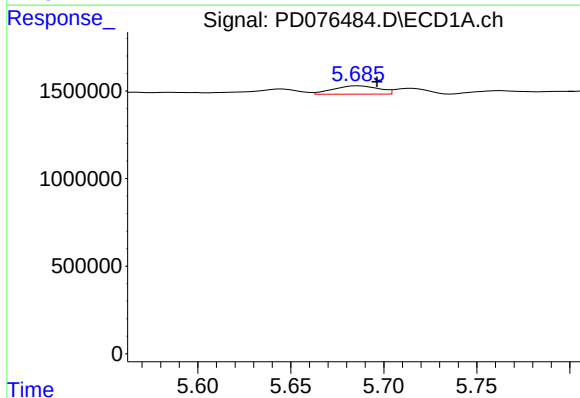
R.T.: 4.771 min  
Delta R.T.: -0.009 min  
Response: 2184085  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



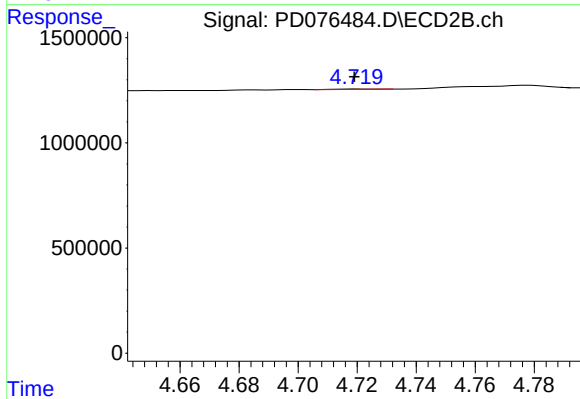
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: 0.005 min  
Response: 71649  
Conc: 0.03 ng/ml



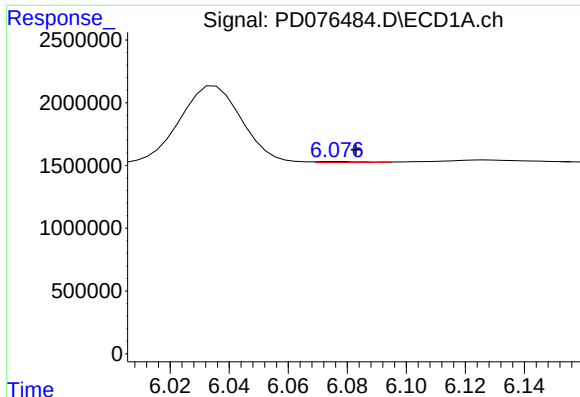
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.010 min  
Response: 806855  
Conc: 0.17 ng/ml



#8 Heptachlor epoxide

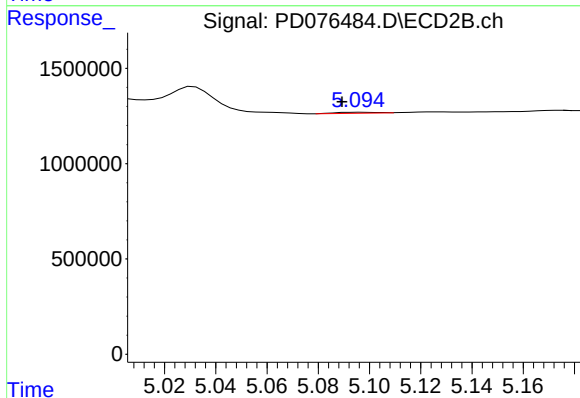
R.T.: 4.721 min  
Delta R.T.: 0.002 min  
Response: 14229  
Conc: 0.01 ng/ml



#9 Endosulfan I

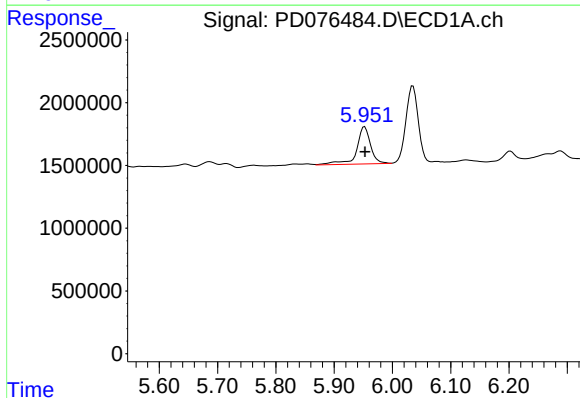
R.T.: 6.078 min  
Delta R.T.: -0.005 min  
Response: 77225  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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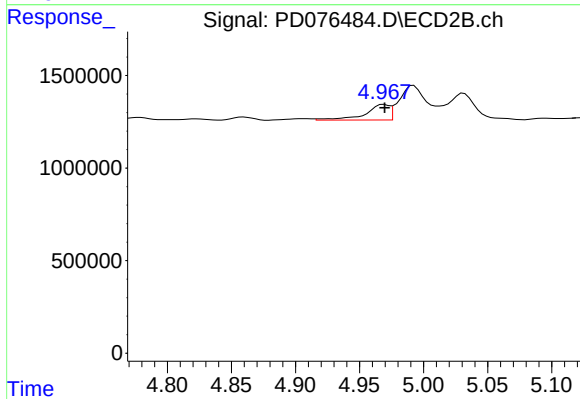
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.007 min  
Response: 58258  
Conc: 0.03 ng/ml



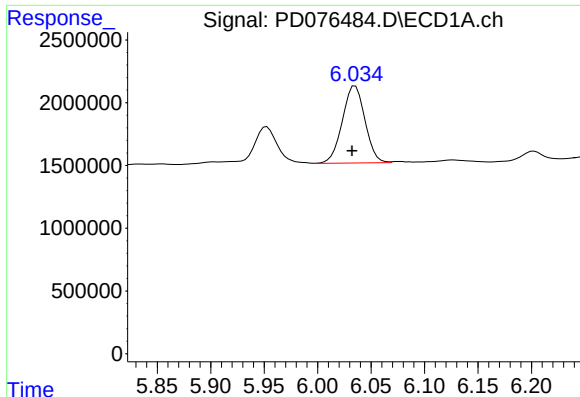
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 4921036  
Conc: 1.01 ng/ml



#10 gamma-Chlordane

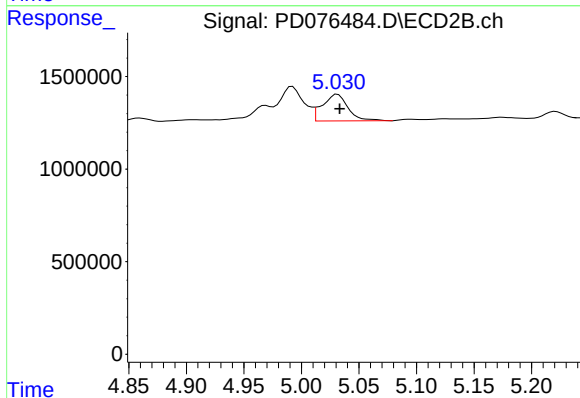
R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 1110557  
Conc: 0.56 ng/ml



#11 alpha-Chlordane

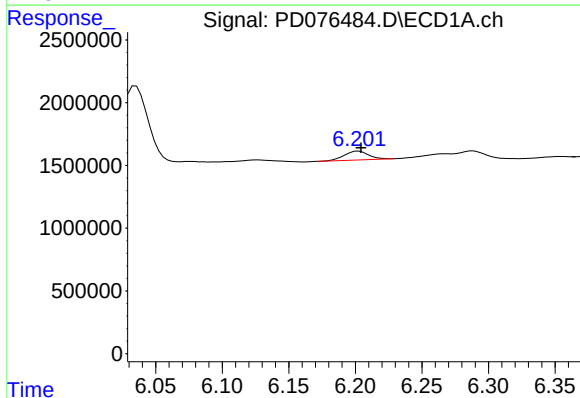
R.T.: 6.035 min  
Delta R.T.: 0.003 min  
Response: 9046495  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



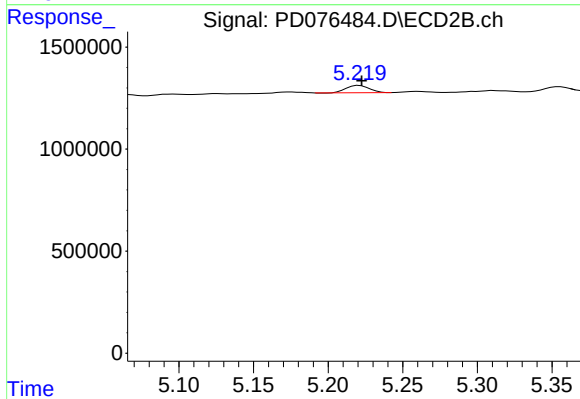
#11 alpha-Chlordane

R.T.: 5.031 min  
Delta R.T.: -0.002 min  
Response: 2216659  
Conc: 1.12 ng/ml



#12 4,4'-DDE

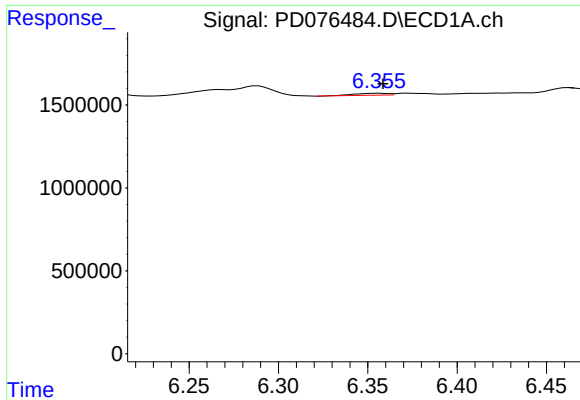
R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 884089  
Conc: 0.21 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: -0.002 min  
Response: 384045  
Conc: 0.25 ng/ml

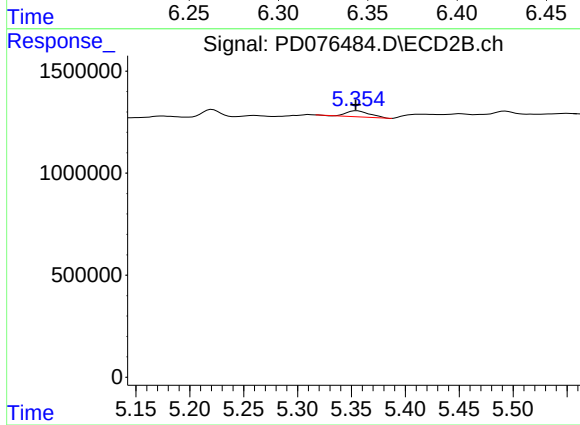




#13 Dieldrin

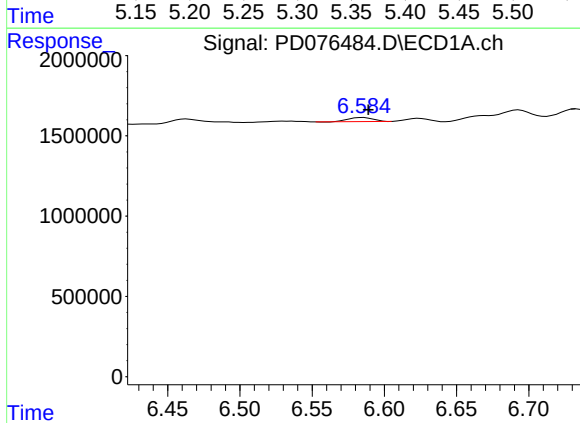
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 144447  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



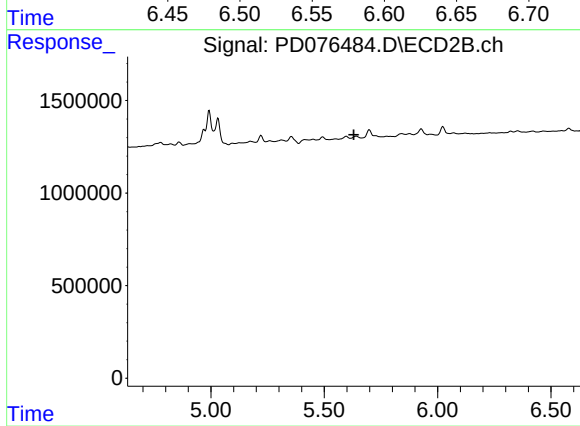
#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: 0.001 min  
Response: 446573  
Conc: 0.23 ng/ml



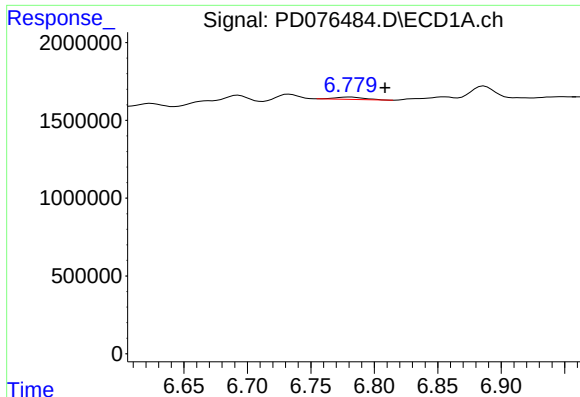
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: -0.004 min  
Response: 305370  
Conc: 0.08 ng/ml



#14 Endrin

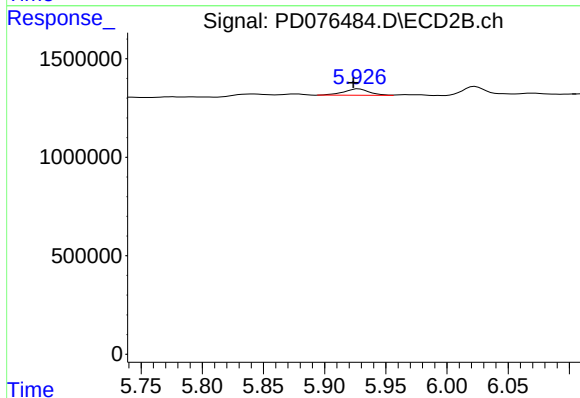
R.T.: 5.641 min  
Delta R.T.: 0.011 min  
Response: -13023  
Conc: N.D.



#15 Endosulfan II

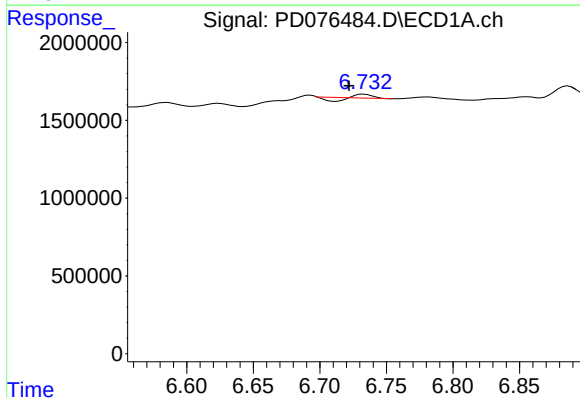
R.T.: 6.780 min  
Delta R.T.: -0.028 min  
Response: 241333  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



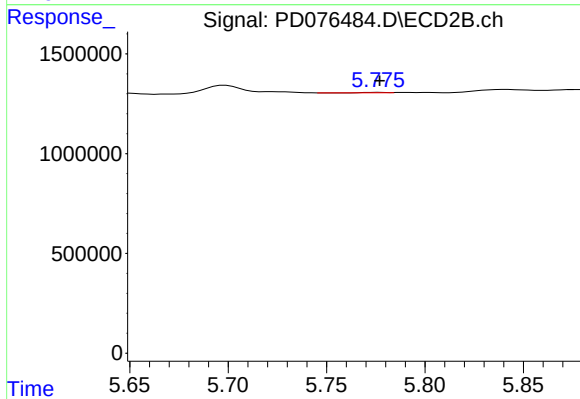
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.004 min  
Response: 471045  
Conc: 0.30 ng/ml



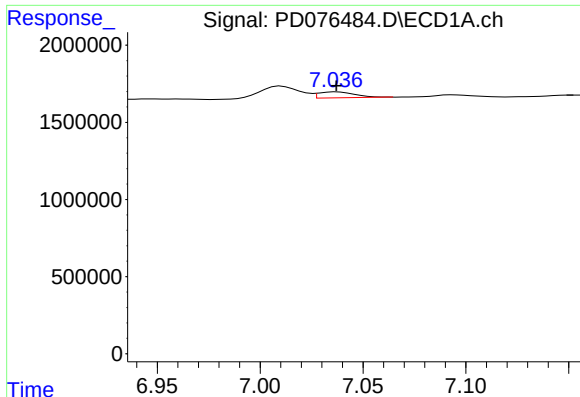
#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: 0.011 min  
Response: 59182  
Conc: 0.02 ng/ml



#16 4,4'-DDD

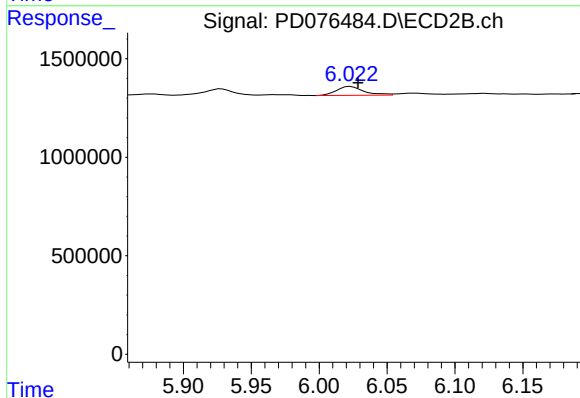
R.T.: 5.776 min  
Delta R.T.: -0.001 min  
Response: 12899  
Conc: 0.01 ng/ml



#17 4,4'-DDT

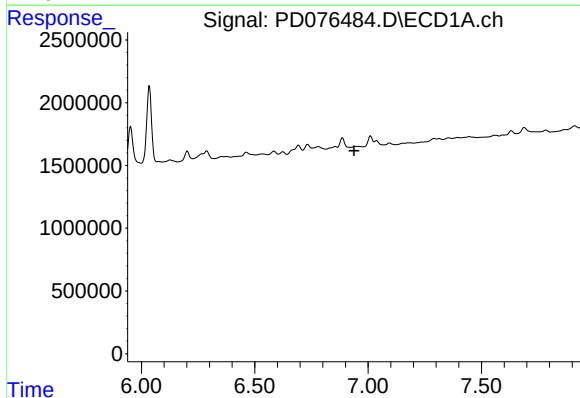
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 463679  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



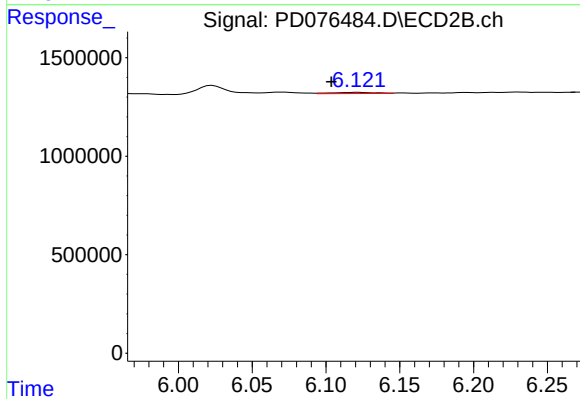
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.006 min  
Response: 622330  
Conc: 0.51 ng/ml



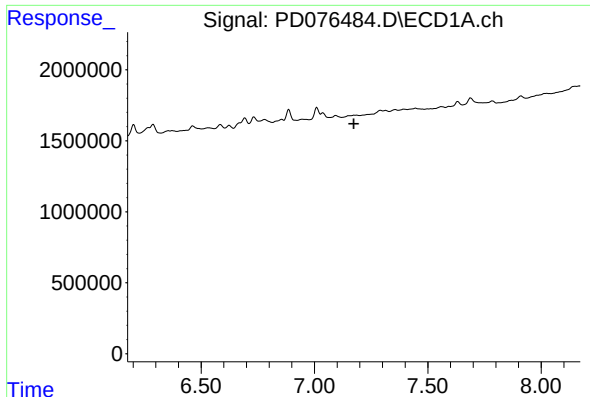
#18 Endrin aldehyde

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



#18 Endrin aldehyde

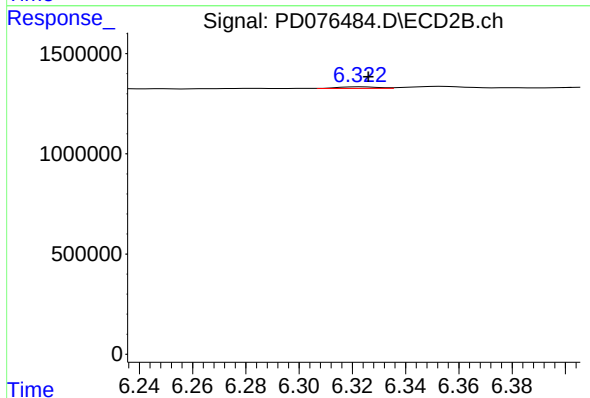
R.T.: 6.122 min  
Delta R.T.: 0.018 min  
Response: 116764  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

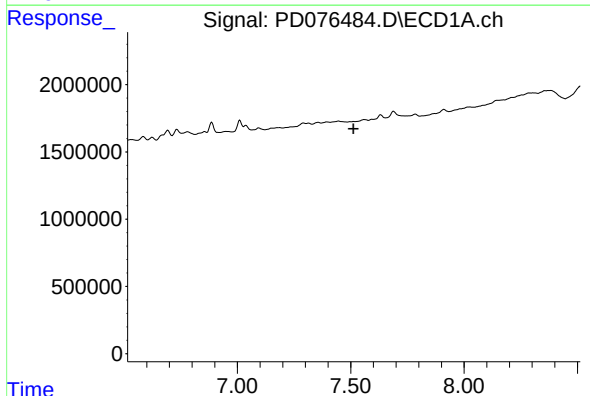
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



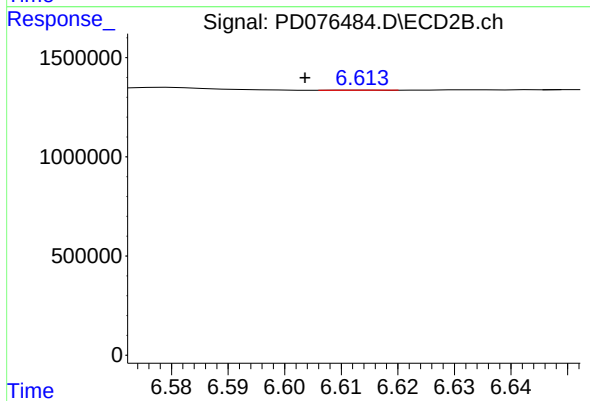
#19 Endosulfan Sulfate

R.T.: 6.323 min  
Delta R.T.: -0.003 min  
Response: 85190  
Conc: 0.06 ng/ml



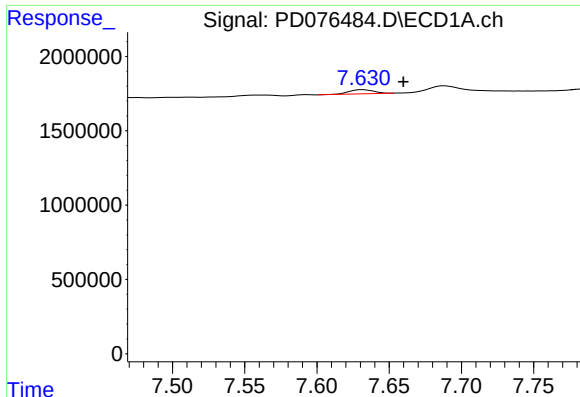
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.512 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

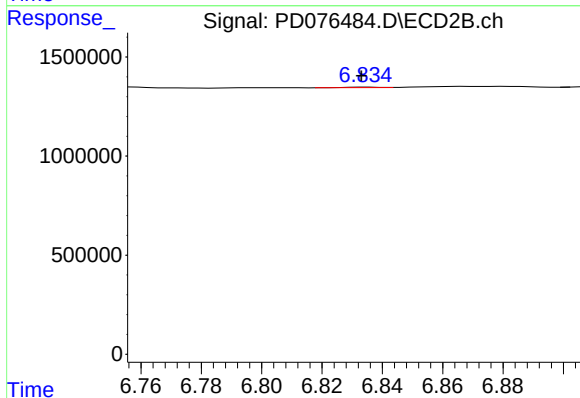
R.T.: 6.615 min  
Delta R.T.: 0.011 min  
Response: 3704  
Conc: 0.01 ng/ml



#21 Endrin ketone

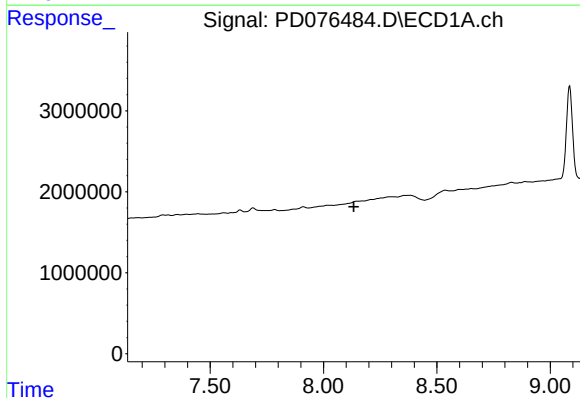
R.T.: 7.632 min  
Delta R.T.: -0.028 min  
Response: 330210  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



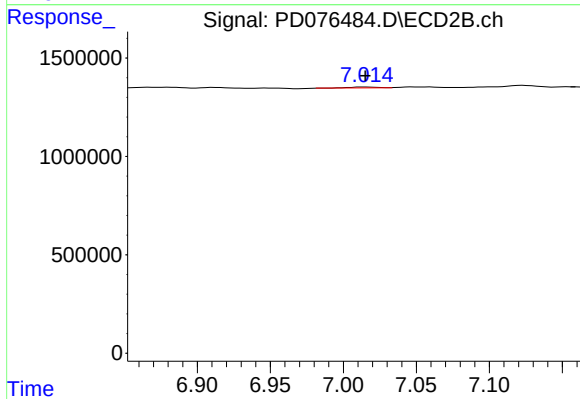
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: 0.002 min  
Response: 22333  
Conc: 0.01 ng/ml



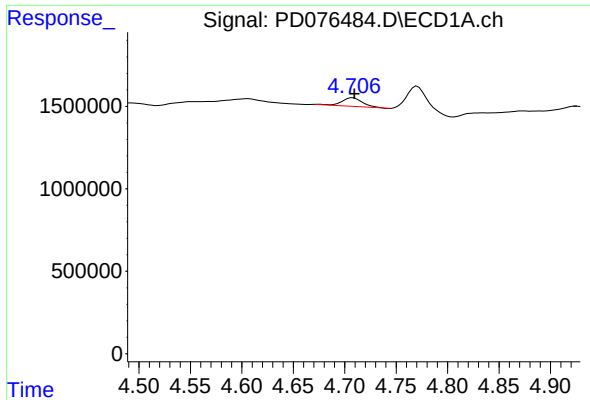
#22 Mirex

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



#22 Mirex

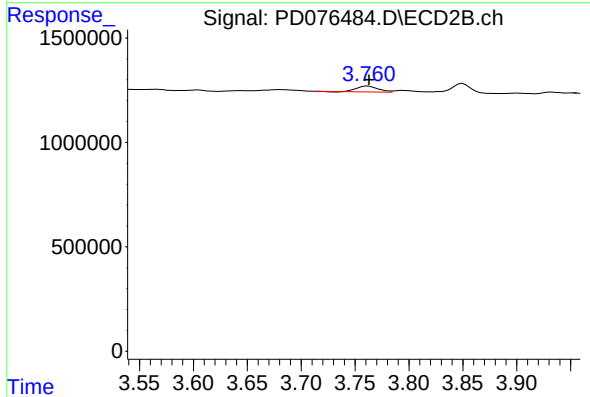
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 66162  
Conc: 0.04 ng/ml



#23 Chlordane-1

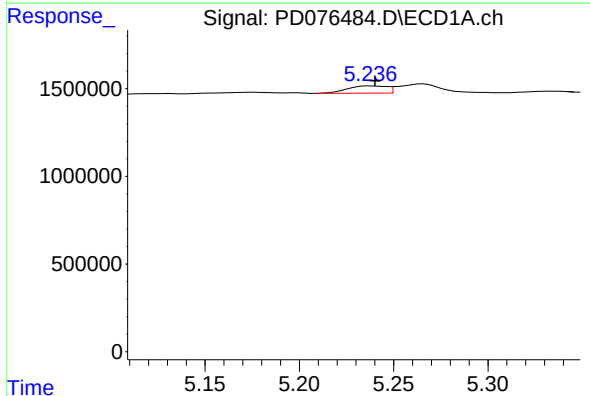
R.T.: 4.708 min  
Delta R.T.: -0.002 min  
Response: 696527  
Conc: 6.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



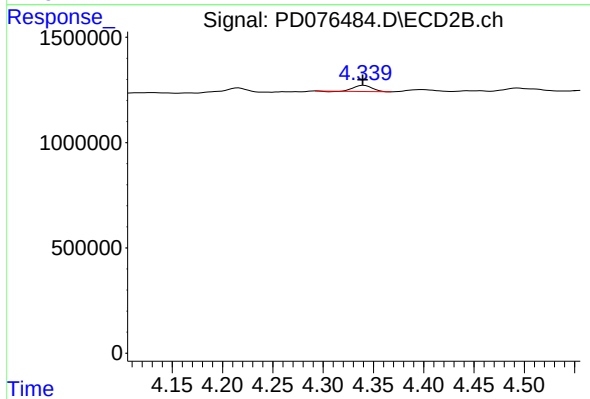
#23 Chlordane-1

R.T.: 3.762 min  
Delta R.T.: -0.001 min  
Response: 383008  
Conc: 8.66 ng/ml



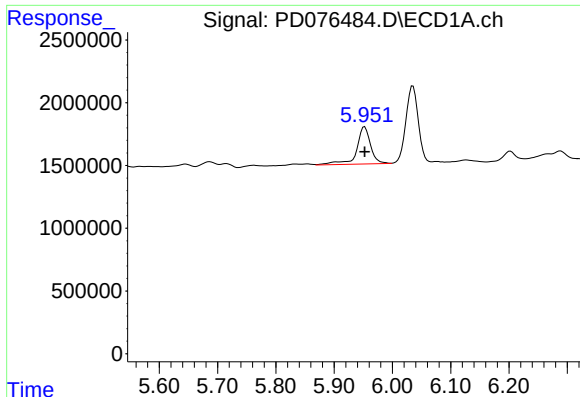
#24 Chlordane-2

R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 593858  
Conc: 4.64 ng/ml



#24 Chlordane-2

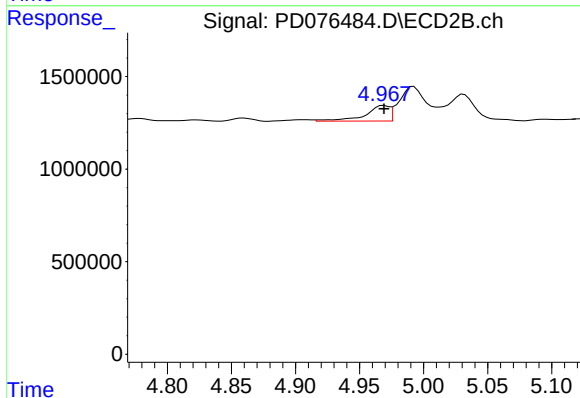
R.T.: 4.341 min  
Delta R.T.: 0.001 min  
Response: 360653  
Conc: 7.42 ng/ml



#25 Chlordane-3

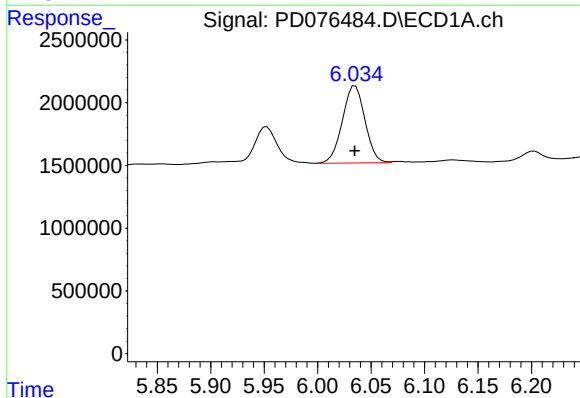
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 4921036  
Conc: 9.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



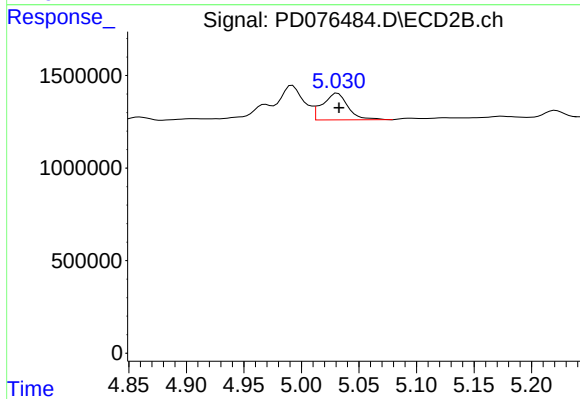
#25 Chlordane-3

R.T.: 4.969 min  
Delta R.T.: 0.000 min  
Response: 1110557  
Conc: 7.91 ng/ml



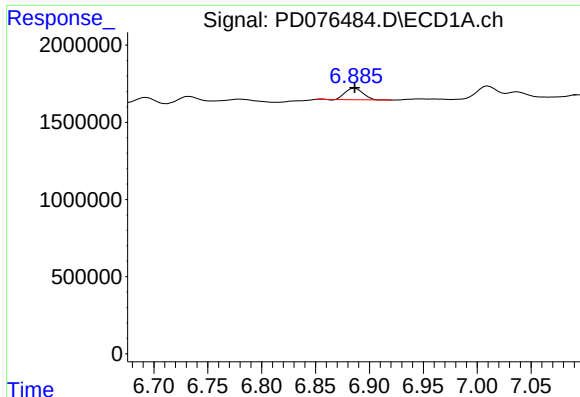
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 9046495  
Conc: 14.71 ng/ml



#26 Chlordane-4

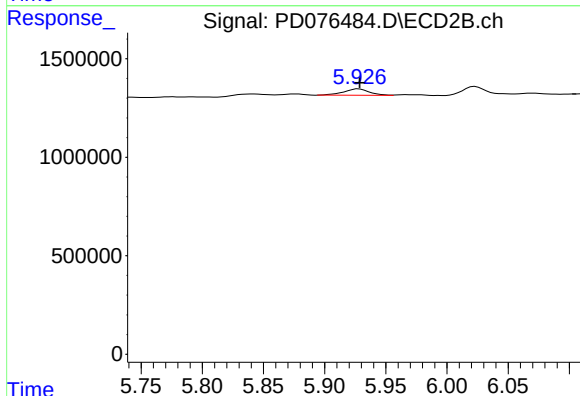
R.T.: 5.031 min  
Delta R.T.: -0.001 min  
Response: 2216659  
Conc: 15.74 ng/ml



#27 Chlordane-5

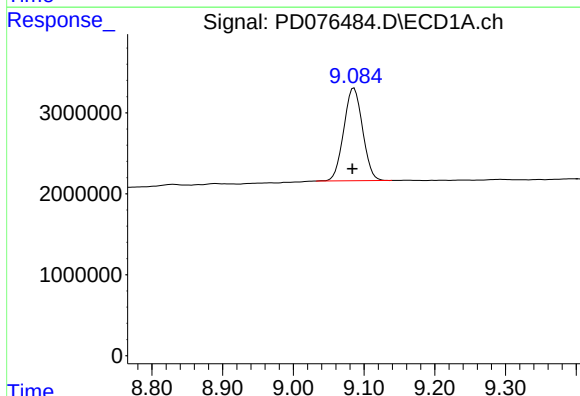
R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 856853  
Conc: 8.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-1



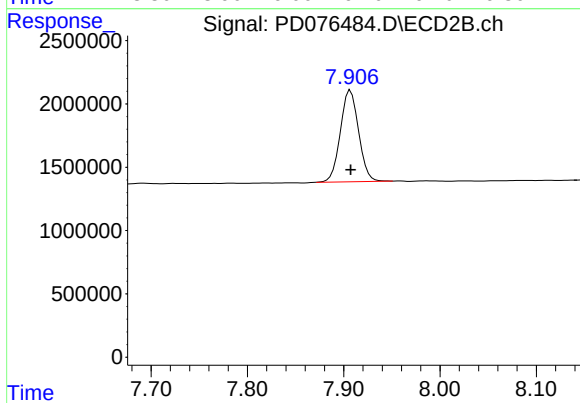
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 471045  
Conc: 10.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.002 min  
Response: 21161352  
Conc: 5.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 9492238  
Conc: 7.54 ng/ml