

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021724\  
 Data File : PD081475.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2024 18:10  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 05:53:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.565  | 2.793  | 29237889 | 52508772 | 20.596 | 21.950   |
| 28)                         | SA Decachlor... | 9.115  | 7.932  | 38589133 | 55098414 | 19.175 | 20.686   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.022  | 3.284  | 147283   | 140176   | 0.059  | 0.037 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.641  | 0        | 108651   | N.D.   | 0.029 #  |
| 4)                          | MA Heptachlor   | 4.958  | 0.000  | 204098   | 0        | 0.083  | N.D. #   |
| 5)                          | MB Aldrin       | 5.312f | 4.273f | 162588   | 4209506  | 0.066  | 1.156 #  |
| 6)                          | B beta-BHC      | 4.548  | 0.000  | 205355   | 0        | 0.203  | N.D. #   |
| 7)                          | B delta-BHC     | 4.792  | 0.000  | 1295310  | 0        | 0.516  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.715  | 0.000  | 3976249  | 0        | 1.776  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.119  | 5.104f | 501331   | 1456732  | 0.242  | 0.476 #  |
| 10)                         | B gamma-Chl...  | 5.947f | 0.000  | 643865   | 0        | 0.294  | N.D. #   |
| 11)                         | B alpha-Chl...  | 6.041  | 0.000  | 1536632  | 0        | 0.706  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.219  | 0.000  | 333346   | 0        | 0.164  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.395f | 5.388  | 188864   | -775     | 0.085  | N.D. #   |
| 14)                         | MA Endrin       | 6.599  | 5.674f | 642484   | 2542725  | 0.344  | 0.858 #  |
| 15)                         | B Endosulfa...  | 6.828  | 5.977f | 92227    | 95728    | 0.048  | 0.033 #  |
| 16)                         | A 4,4'-DDD      | 6.737  | 0.000  | 325249   | 0        | 0.198  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.050  | 6.062  | 246809   | 116938   | 0.139  | 0.044 #  |
| 18)                         | B Endrin al...  | 6.948  | 0.000  | 207907   | 0        | 0.137  | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.352  | 0        | 351364   | N.D.   | 0.126 #  |
| 20)                         | A Methoxychlor  | 7.531  | 0.000  | 686140   | 0        | 0.667  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.667  | 0.000  | 491973   | 0        | 0.235  | N.D. #   |
| 22)                         | Mirex           | 8.167  | 7.068f | 552857   | 173924   | 0.335  | 0.069 #  |
| 24)                         | Chlordane-2     | 5.270  | 4.342f | 470979   | 3042587  | 5.689  | 24.823 # |
| 25)                         | Chlordane-3     | 5.947f | 0.000  | 643865   | 0        | 2.039  | N.D. #   |
| 26)                         | Chlordane-4     | 6.041f | 0.000  | 1536632  | 0        | 4.036  | N.D. #   |
| 27)                         | Chlordane-5     | 6.928f | 5.977f | 380766   | 95728    | 5.454  | 0.790 #  |
| -----                       |                 |        |        |          |          |        |          |

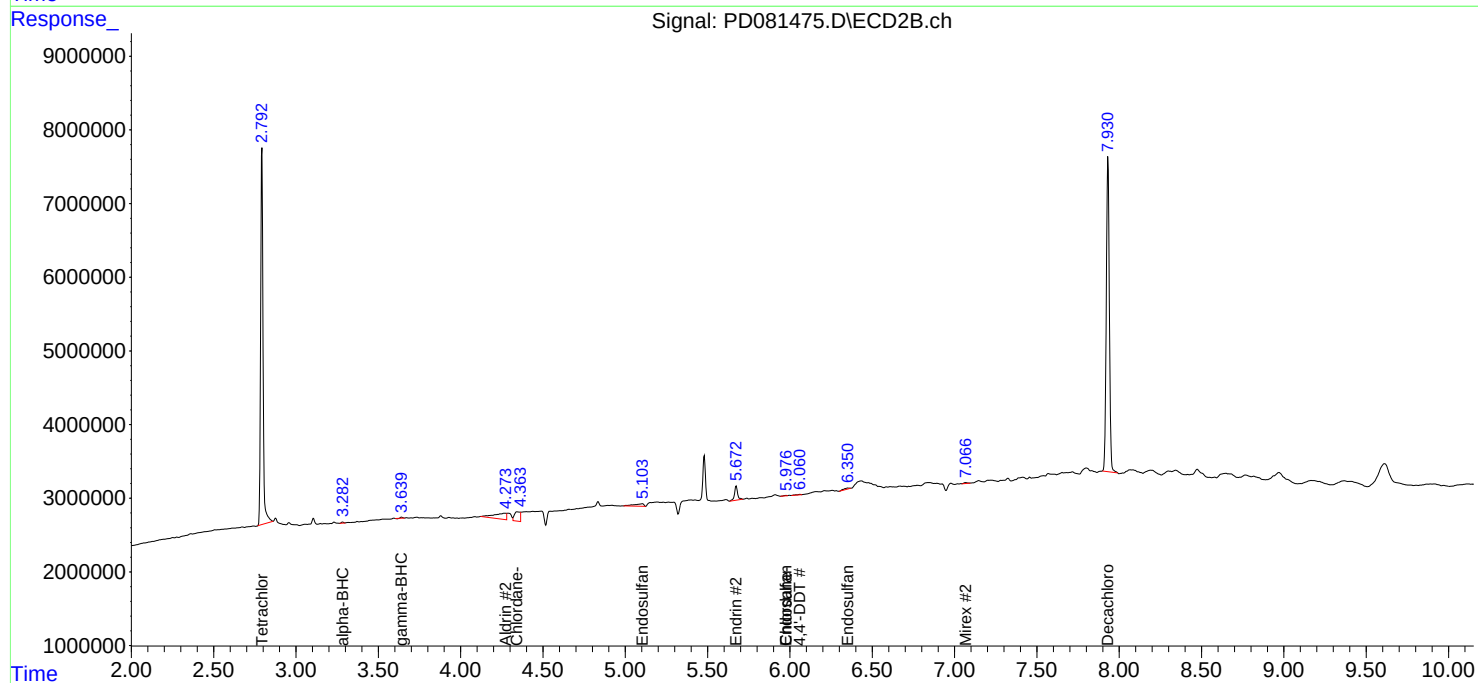
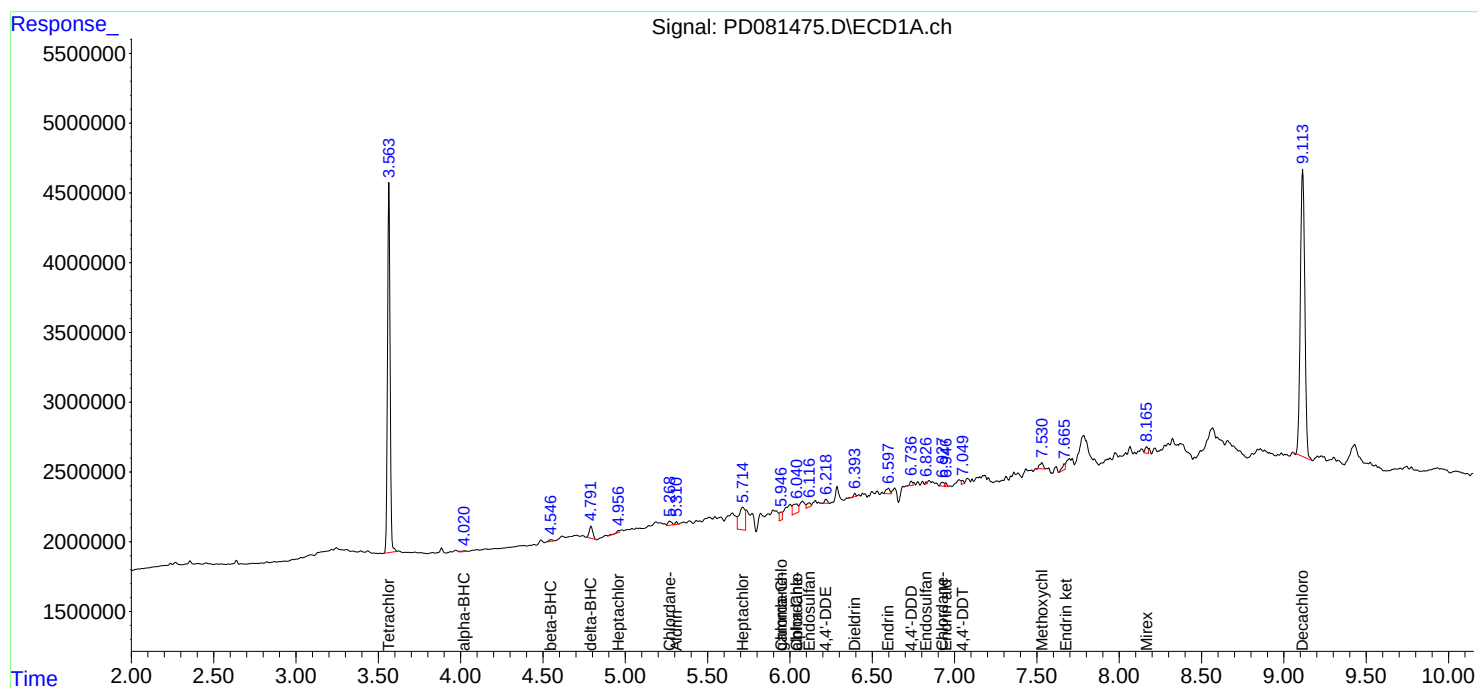
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

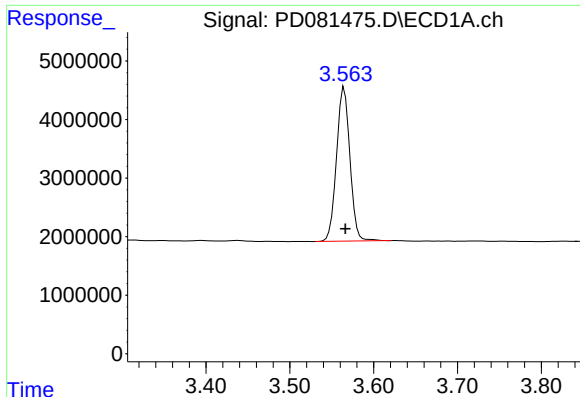
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021724\  
Data File : PD081475.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Feb 2024 18:10  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 17 05:53:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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

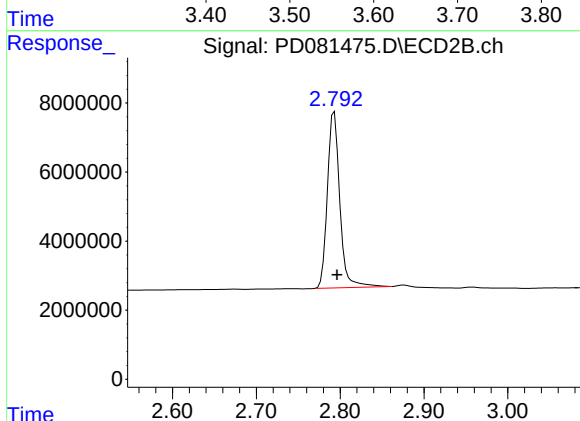




#1 Tetrachloro-m-xylene

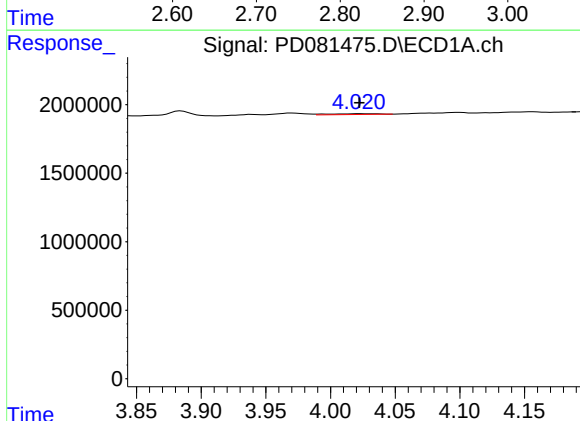
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 29237889  
Conc: 20.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



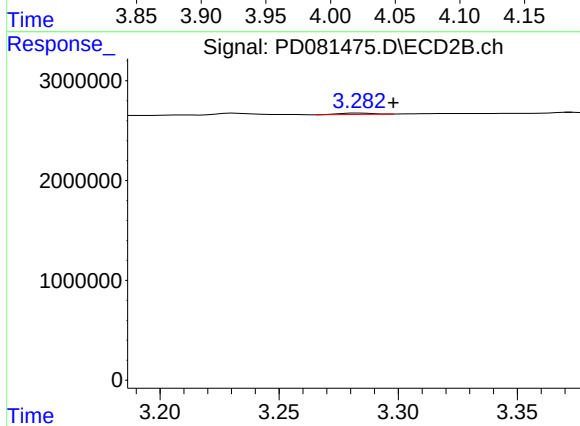
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.003 min  
Response: 52508772  
Conc: 21.95 ng/ml



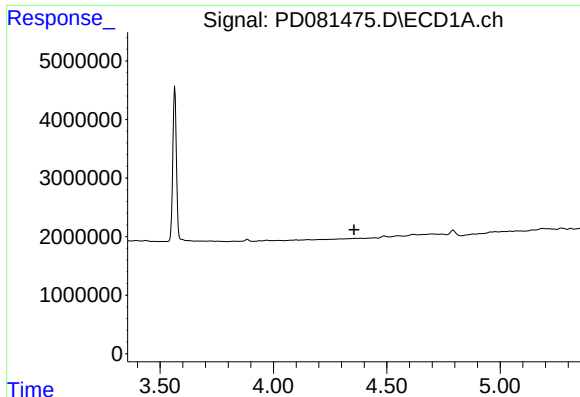
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 147283  
Conc: 0.06 ng/ml



#2 alpha-BHC

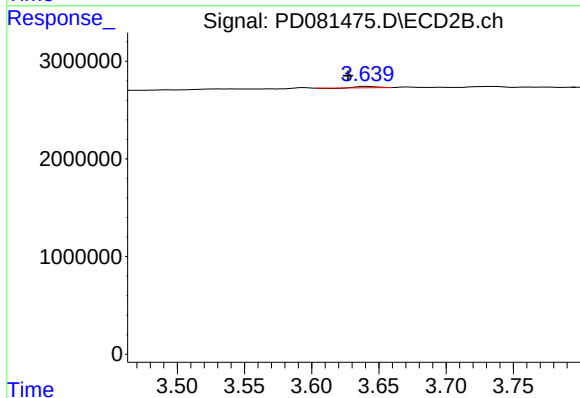
R.T.: 3.284 min  
Delta R.T.: -0.014 min  
Response: 140176  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

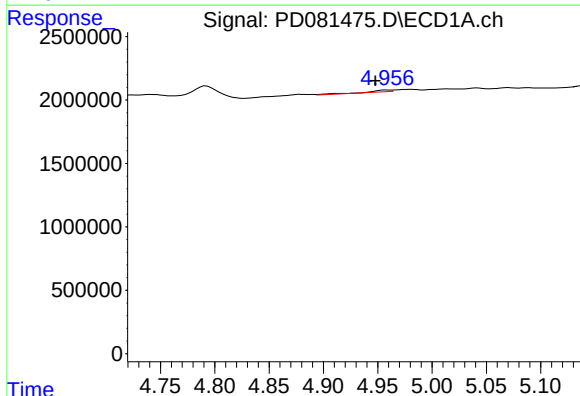
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



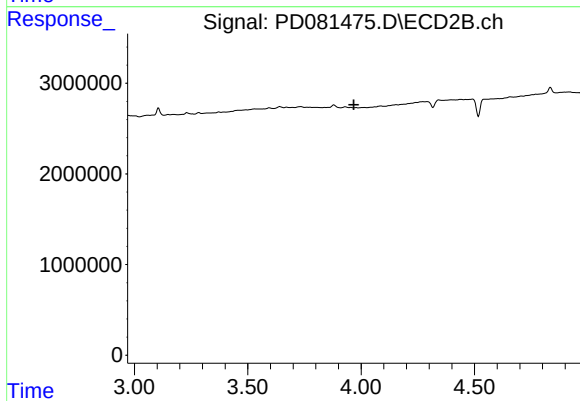
#3 gamma-BHC (Lindane)

R.T.: 3.641 min  
Delta R.T.: 0.014 min  
Response: 108651  
Conc: 0.03 ng/ml



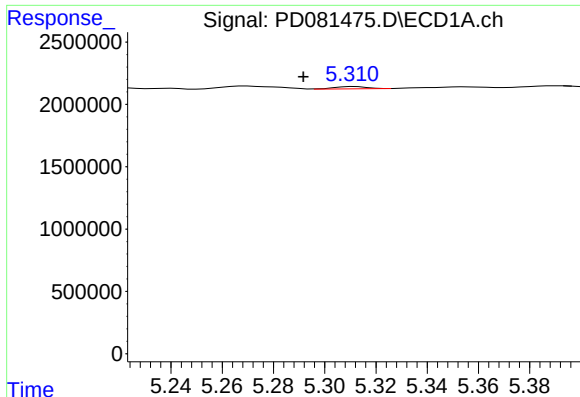
#4 Heptachlor

R.T.: 4.958 min  
Delta R.T.: 0.011 min  
Response: 204098  
Conc: 0.08 ng/ml



#4 Heptachlor

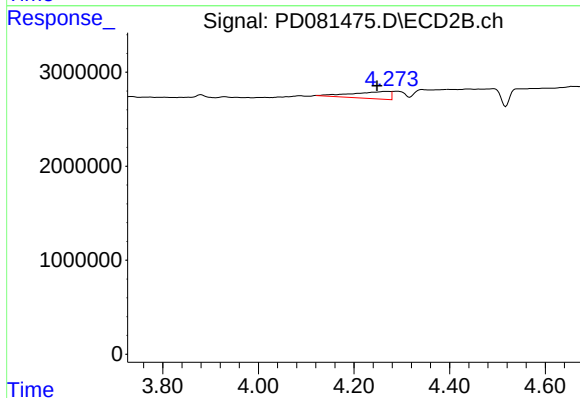
R.T.: 0.000 min  
Exp R.T.: 3.968 min  
Response: 0  
Conc: N.D.



#5 Aldrin

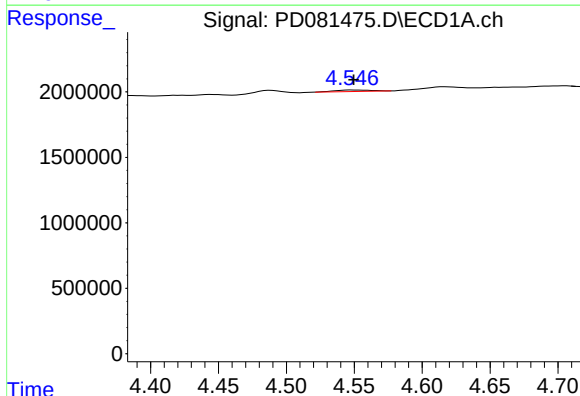
R.T.: 5.312 min  
Delta R.T.: 0.020 min  
Response: 162588  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



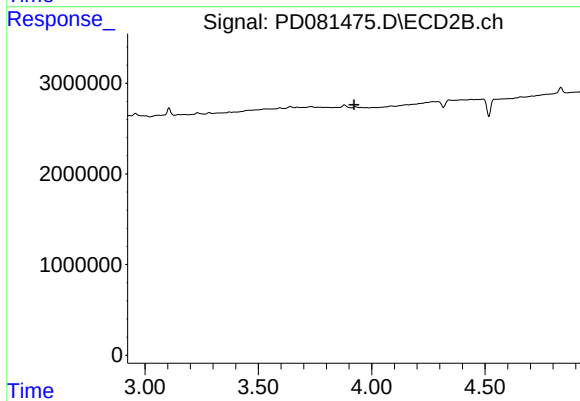
#5 Aldrin

R.T.: 4.273 min  
Delta R.T.: 0.025 min  
Response: 4209506  
Conc: 1.16 ng/ml



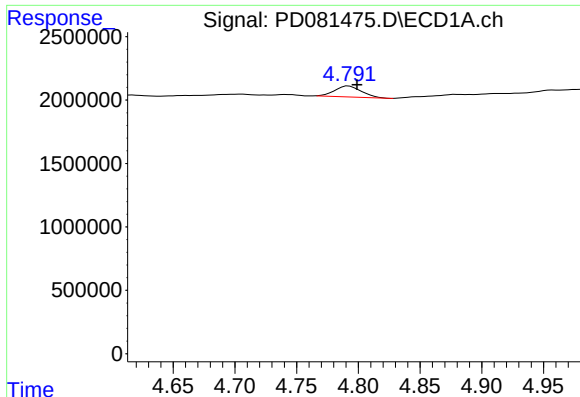
#6 beta-BHC

R.T.: 4.548 min  
Delta R.T.: -0.002 min  
Response: 205355  
Conc: 0.20 ng/ml



#6 beta-BHC

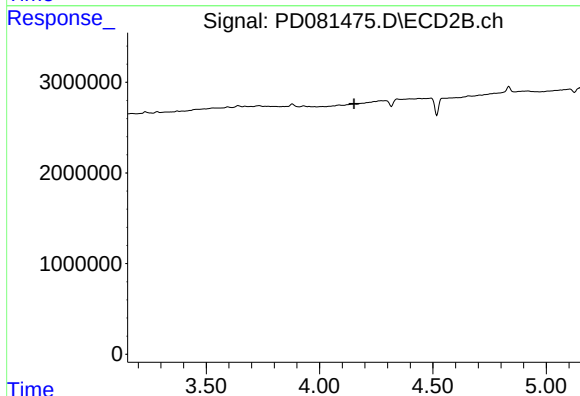
R.T.: 0.000 min  
Exp R.T.: 3.922 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

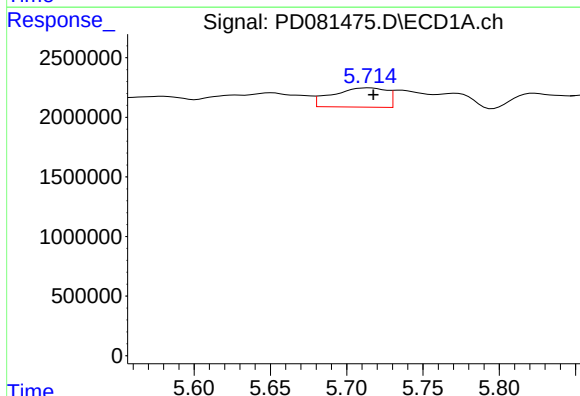
R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 1295310  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



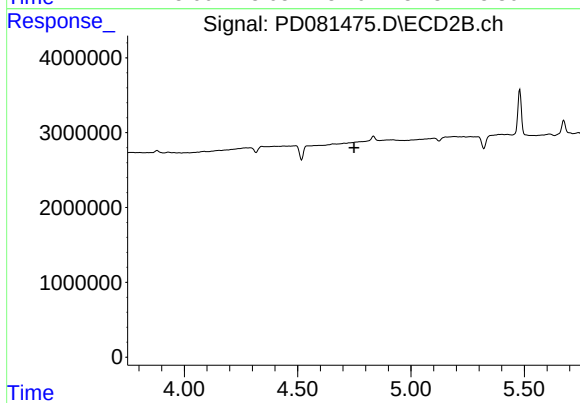
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



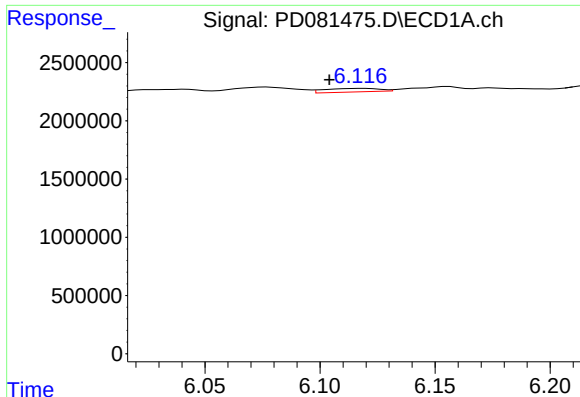
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: -0.002 min  
Response: 3976249  
Conc: 1.78 ng/ml



#8 Heptachlor epoxide

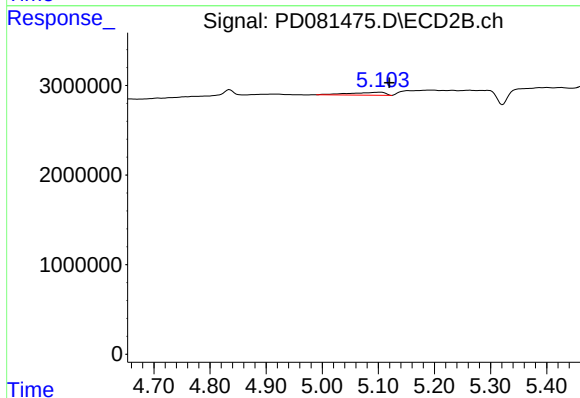
R.T.: 0.000 min  
Exp R.T. : 4.750 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

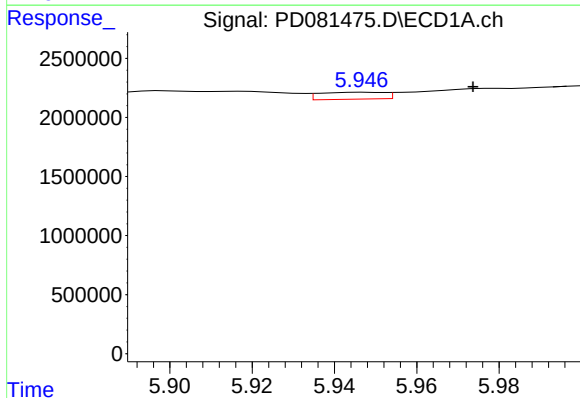
R.T.: 6.119 min  
Delta R.T.: 0.015 min  
Response: 501331  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



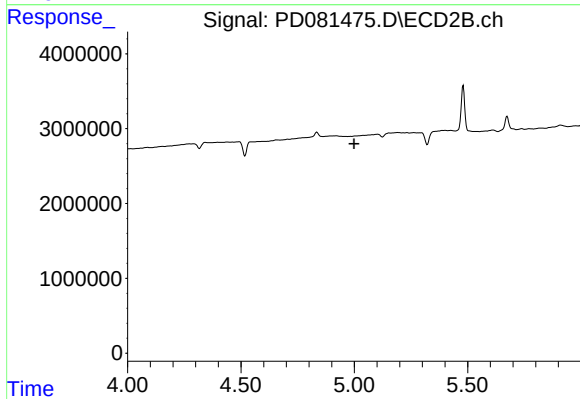
#9 Endosulfan I

R.T.: 5.104 min  
Delta R.T.: -0.016 min  
Response: 1456732  
Conc: 0.48 ng/ml



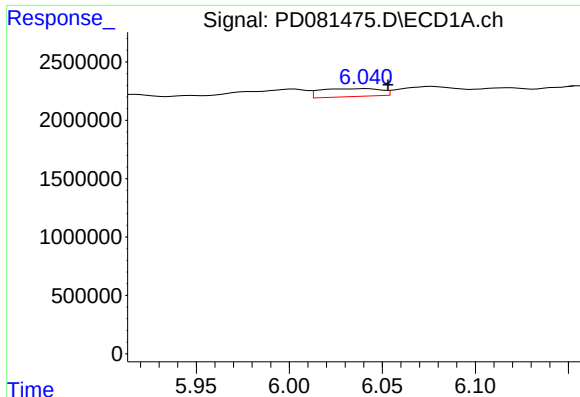
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.026 min  
Response: 643865  
Conc: 0.29 ng/ml



#10 gamma-Chlordane

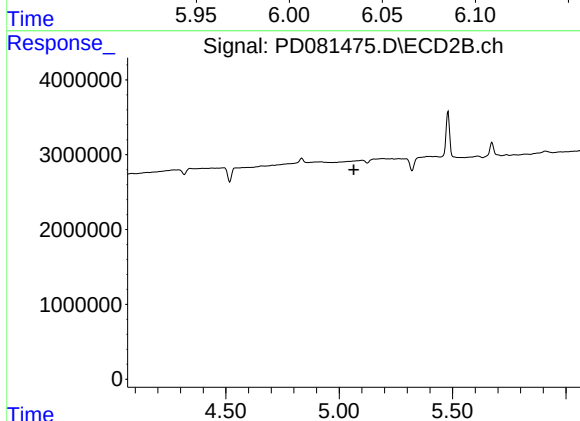
R.T.: 0.000 min  
Exp R.T.: 5.000 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

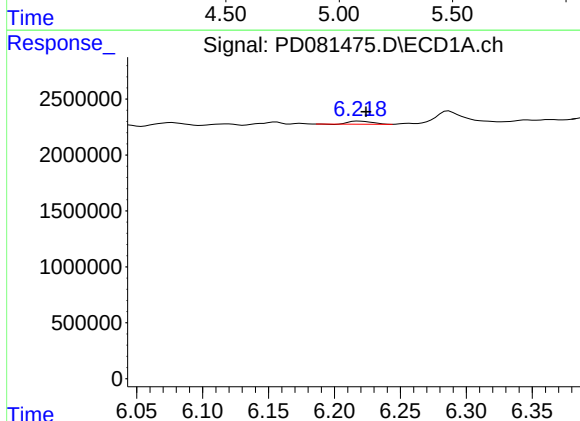
R.T.: 6.041 min  
Delta R.T.: -0.012 min  
Response: 1536632  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



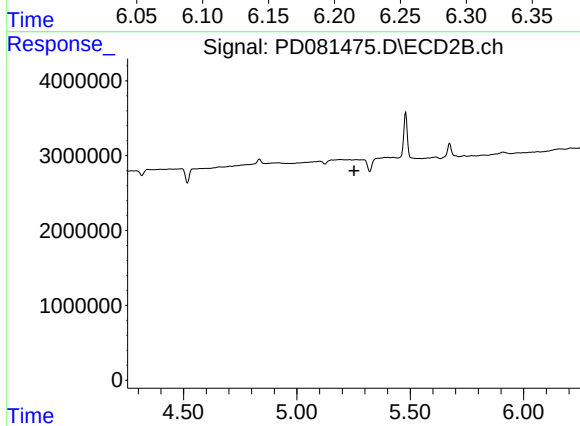
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.064 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

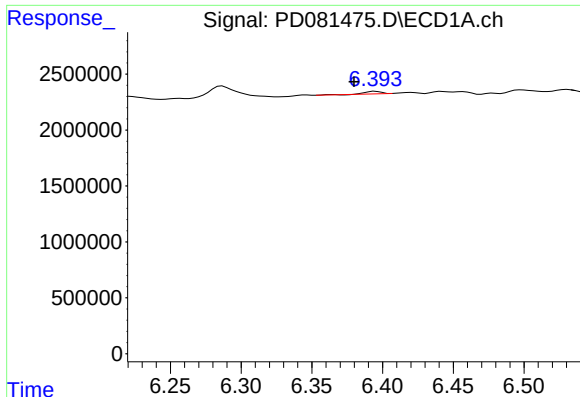
R.T.: 6.219 min  
Delta R.T.: -0.005 min  
Response: 333346  
Conc: 0.16 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.

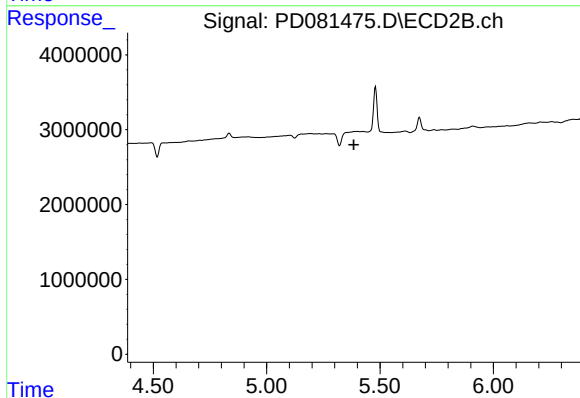




#13 Dieldrin

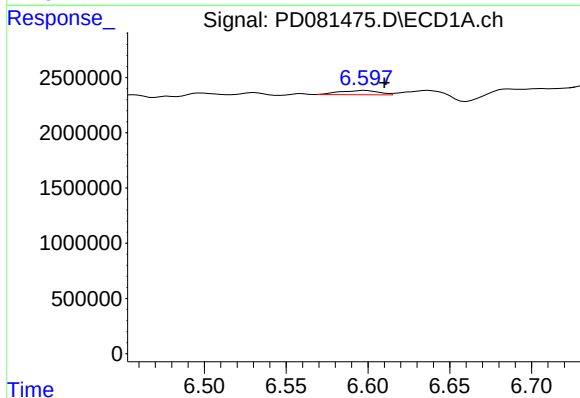
R.T.: 6.395 min  
Delta R.T.: 0.015 min  
Response: 188864  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



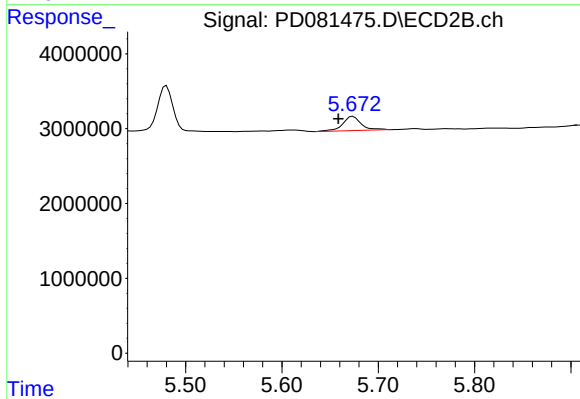
#13 Dieldrin

R.T.: 5.388 min  
Delta R.T.: 0.003 min  
Response: -775  
Conc: N.D.



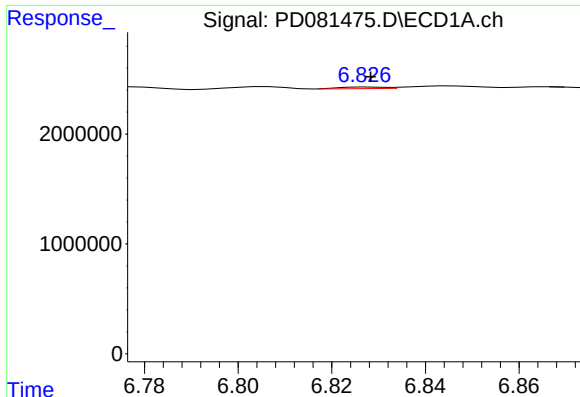
#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.012 min  
Response: 642484  
Conc: 0.34 ng/ml



#14 Endrin

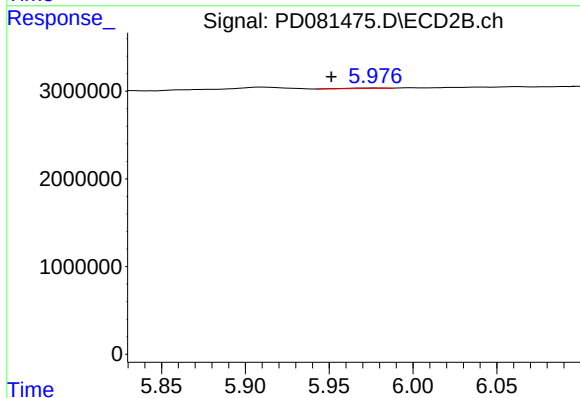
R.T.: 5.674 min  
Delta R.T.: 0.015 min  
Response: 2542725  
Conc: 0.86 ng/ml



#15 Endosulfan II

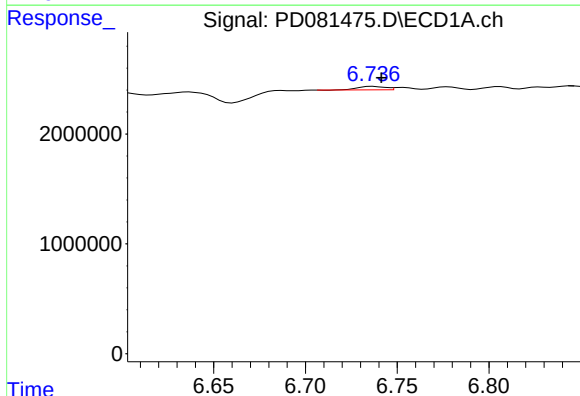
R.T.: 6.828 min  
Delta R.T.: 0.000 min  
Response: 92227  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



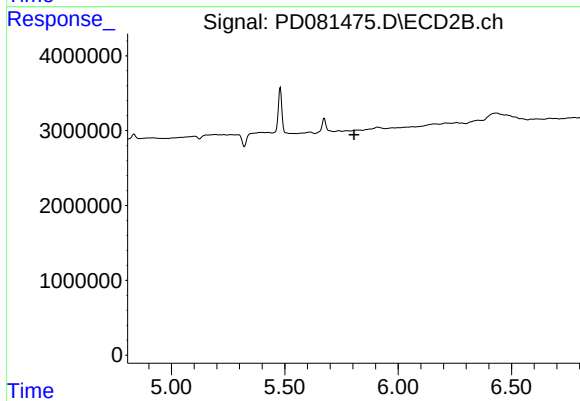
#15 Endosulfan II

R.T.: 5.977 min  
Delta R.T.: 0.026 min  
Response: 95728  
Conc: 0.03 ng/ml



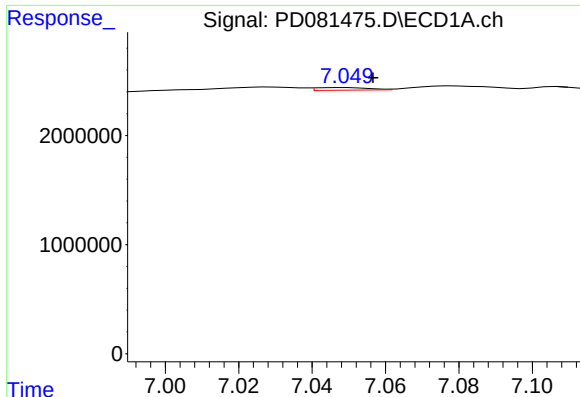
#16 4,4'-DDD

R.T.: 6.737 min  
Delta R.T.: -0.004 min  
Response: 325249  
Conc: 0.20 ng/ml



#16 4,4'-DDD

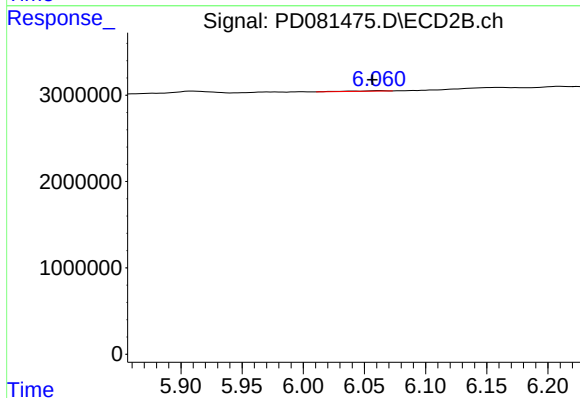
R.T.: 0.000 min  
Exp R.T.: 5.805 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

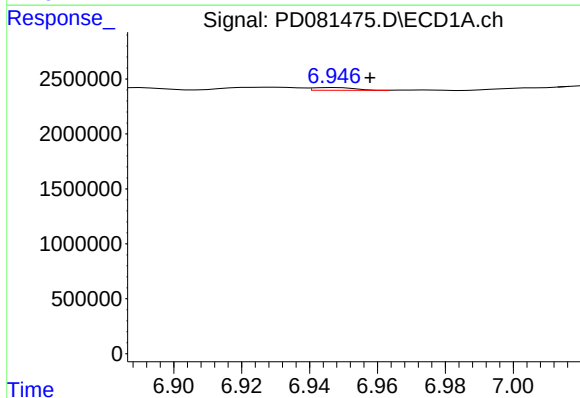
R.T.: 7.050 min  
Delta R.T.: -0.007 min  
Response: 246809  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



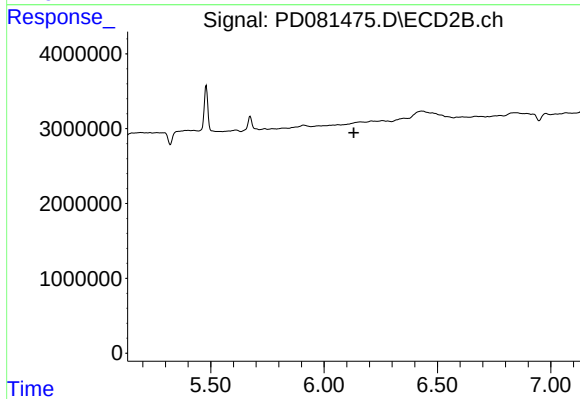
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: 0.005 min  
Response: 116938  
Conc: 0.04 ng/ml



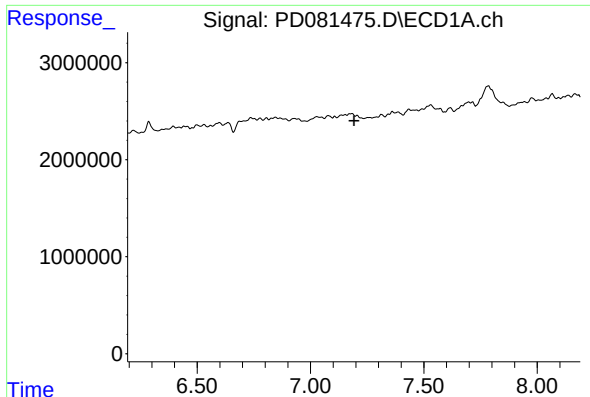
#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: -0.010 min  
Response: 207907  
Conc: 0.14 ng/ml



#18 Endrin aldehyde

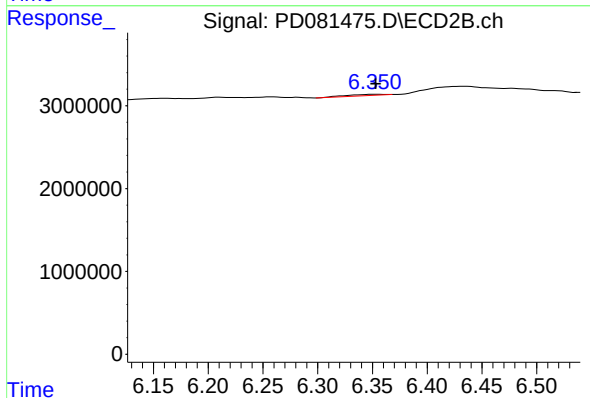
R.T.: 0.000 min  
Exp R.T.: 6.130 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

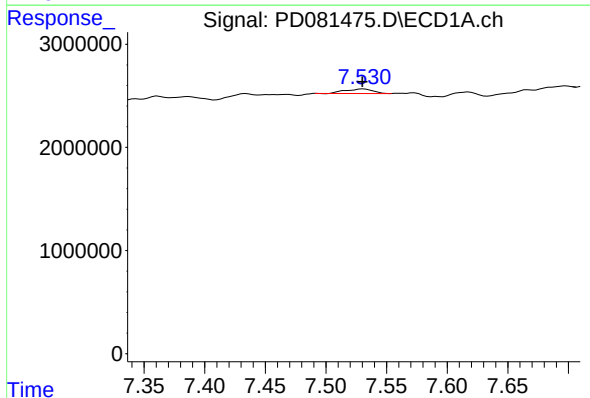
R.T.: 0.000 min  
Exp R.T.: 7.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



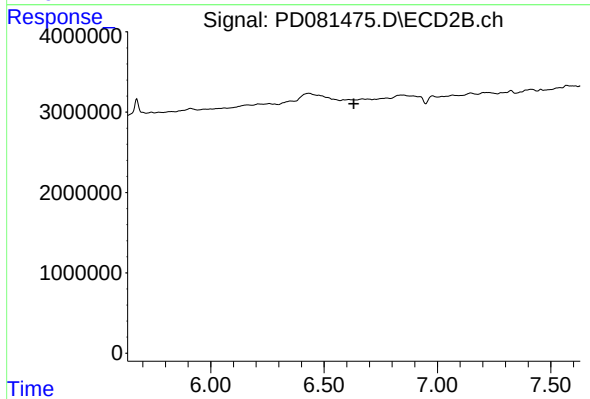
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: -0.001 min  
Response: 351364  
Conc: 0.13 ng/ml



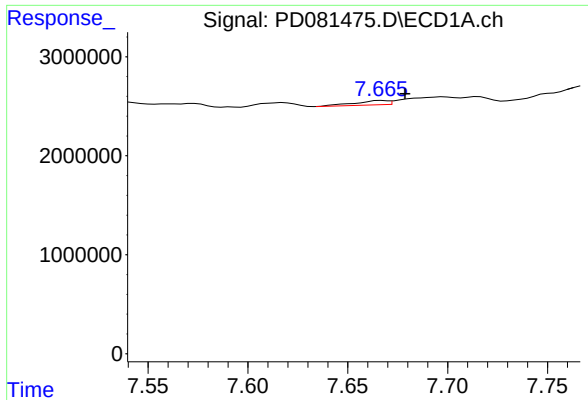
#20 Methoxychlor

R.T.: 7.531 min  
Delta R.T.: 0.000 min  
Response: 686140  
Conc: 0.67 ng/ml



#20 Methoxychlor

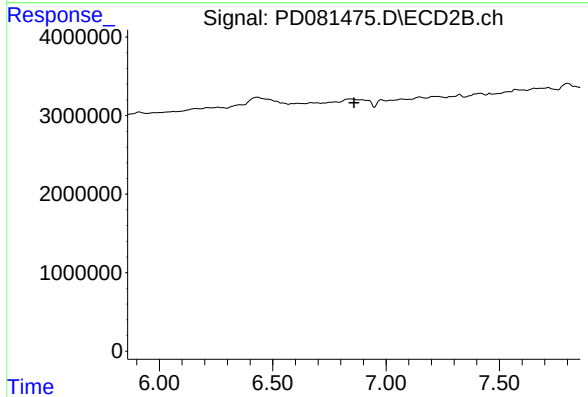
R.T.: 0.000 min  
Exp R.T.: 6.631 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

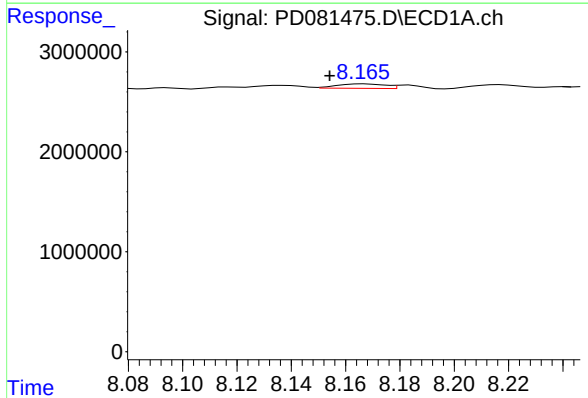
R.T.: 7.667 min  
Delta R.T.: -0.011 min  
Response: 491973  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



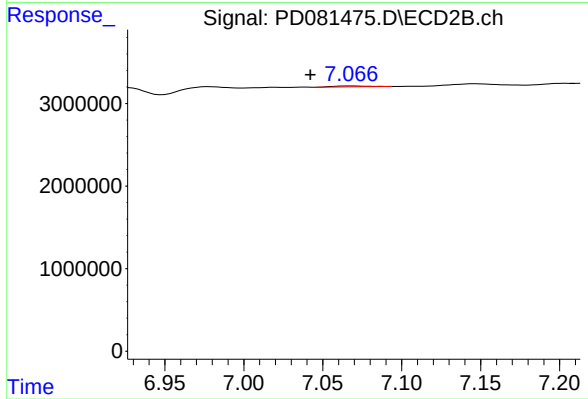
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.859 min  
Response: 0  
Conc: N.D.



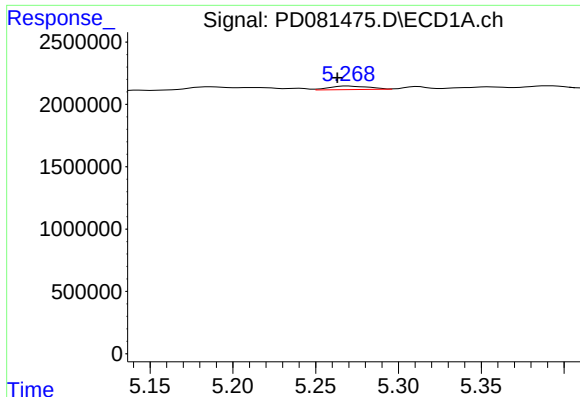
#22 Mirex

R.T.: 8.167 min  
Delta R.T.: 0.013 min  
Response: 552857  
Conc: 0.34 ng/ml



#22 Mirex

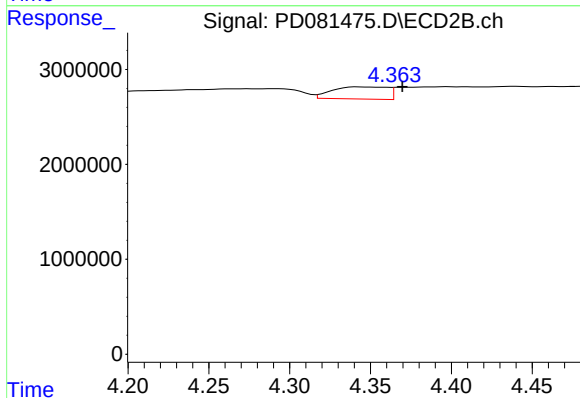
R.T.: 7.068 min  
Delta R.T.: 0.026 min  
Response: 173924  
Conc: 0.07 ng/ml



#24 Chlordane-2

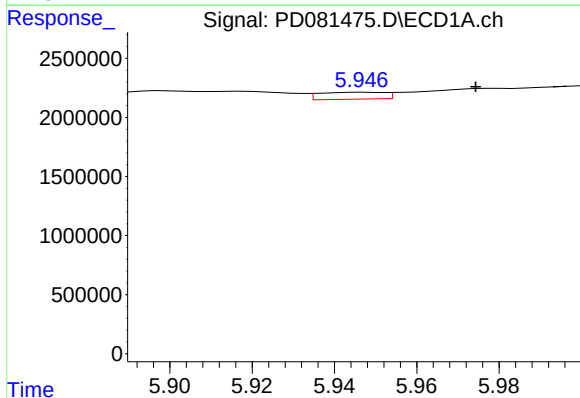
R.T.: 5.270 min  
Delta R.T.: 0.006 min  
Response: 470979  
Conc: 5.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



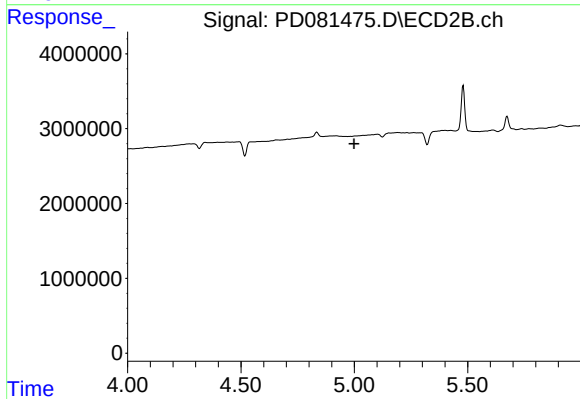
#24 Chlordane-2

R.T.: 4.342 min  
Delta R.T.: -0.027 min  
Response: 3042587  
Conc: 24.82 ng/ml



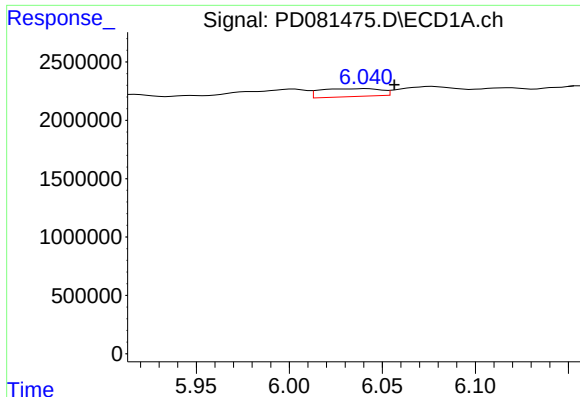
#25 Chlordane-3

R.T.: 5.947 min  
Delta R.T.: -0.027 min  
Response: 643865  
Conc: 2.04 ng/ml



#25 Chlordane-3

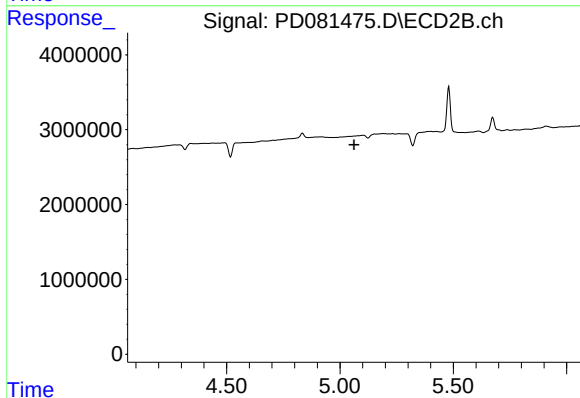
R.T.: 0.000 min  
Exp R.T.: 5.000 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

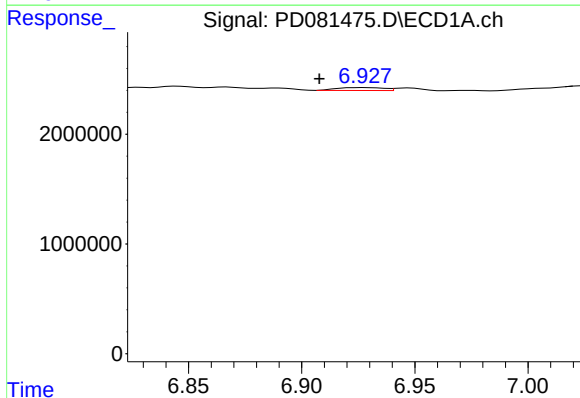
R.T.: 6.041 min  
Delta R.T.: -0.015 min  
Response: 1536632  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



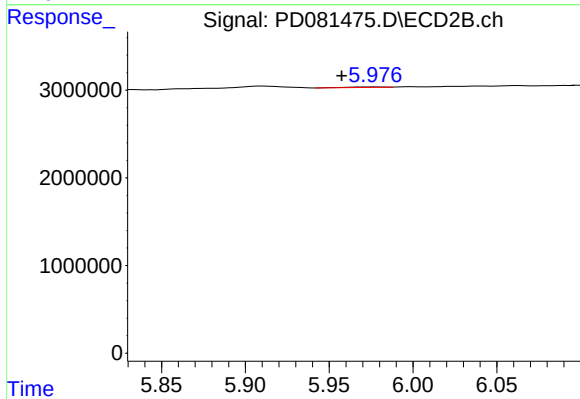
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.063 min  
Response: 0  
Conc: N.D.



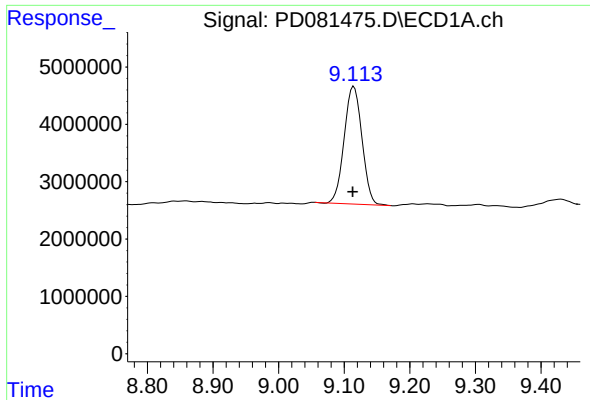
#27 Chlordane-5

R.T.: 6.928 min  
Delta R.T.: 0.021 min  
Response: 380766  
Conc: 5.45 ng/ml



#27 Chlordane-5

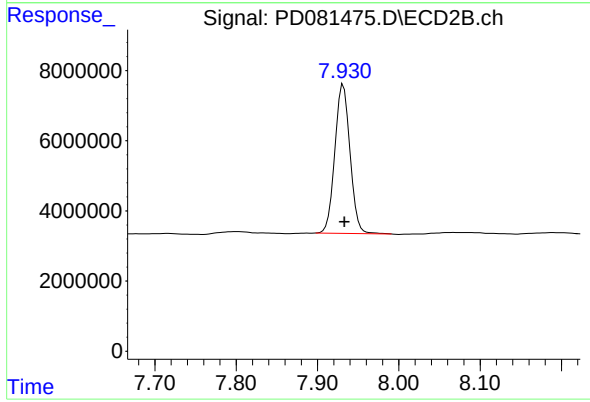
R.T.: 5.977 min  
Delta R.T.: 0.019 min  
Response: 95728  
Conc: 0.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.002 min  
Response: 38589133  
Conc: 19.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.001 min  
Response: 55098414  
Conc: 20.69 ng/ml