

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041324\  
 Data File : PD082419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2024 16:00  
 Operator : AR\AJ  
 Sample : P2072-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 HR-01-041024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 21:54:09 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041324.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 12 14:27:32 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... | 3.566  | 2.777  | 14765320 | 37862225 | 9.119  | 9.475     |
| 28)                         | SA Decachlor... | 9.123  | 7.913  | 19394591 | 27218450 | 9.032  | 7.841     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.009  | 3.297f | 1164587  | 791906   | 0.408  | 0.134 #   |
| 3)                          | MA gamma-BHC... | 4.347  | 3.620  | 286672   | 118746   | 0.103  | 0.021 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.944  | 0        | 1727309  | N.D.   | 0.337 #   |
| 5)                          | MB Aldrin       | 5.287  | 4.247f | 1382335  | 3865116  | 0.510  | 0.721 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.919f | 0        | 1870842  | N.D.   | 0.843 #   |
| 7)                          | B delta-BHC     | 4.794  | 0.000  | 1448736  | 0        | 0.534  | N.D. #    |
| 8)                          | B Heptachlo...  | 5.716  | 4.732  | 13632630 | 7648570  | 5.581  | 1.646 #   |
| 9)                          | A Endosulfan I  | 6.140f | 0.000  | 1999944  | 0        | 0.874  | N.D. #    |
| 10)                         | B gamma-Chl...  | 6.000f | 4.953f | 5053880  | 5511710  | 2.091  | 1.210 #   |
| 11)                         | B alpha-Chl...  | 6.066  | 0.000  | 3001074  | 0        | 1.254  | N.D. #    |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.231  | 201943   | 177402   | 0.088  | 0.042 #   |
| 13)                         | MA Dieldrin     | 6.378  | 5.364  | -783635  | 2401626  | N.D.   | 0.523     |
| 14)                         | MA Endrin       | 0.000  | 5.655f | 0        | 19872236 | N.D.   | 4.983 #   |
| 15)                         | B Endosulfa...  | 6.810f | 0.000  | 1073720  | 0        | 0.497  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.759  | 5.797  | 804861   | -291379  | 0.459  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.038f | 6.029  | 805438   | 1093909  | 0.425  | 0.312 #   |
| 18)                         | B Endrin al...  | 6.998f | 6.129f | 153334   | 716485   | 0.098  | 0.250 #   |
| 19)                         | B Endosulfa...  | 7.177f | 6.330  | 332865   | 793351   | 0.172  | 0.219 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.586f | 0        | 1590791  | N.D.   | 0.837 #   |
| 21)                         | B Endrin ke...  | 7.659f | 0.000  | 1434611  | 0        | 0.676  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 7.026  | 0        | 1066291  | N.D.   | 0.331 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.758  | 0        | 453594   | N.D.   | 3.117 #   |
| 24)                         | Chlordane-2     | 5.248  | 4.358  | 1200637  | 17591506 | 13.978 | 106.712 # |
| 25)                         | Chlordane-3     | 6.000  | 4.953f | 5053880  | 5511710  | 15.226 | 12.101    |
| 26)                         | Chlordane-4     | 6.066  | 5.009f | 3001074  | 5546662  | 7.540  | 12.672 #  |
| 27)                         | Chlordane-5     | 6.886f | 5.898f | 368075   | -288837  | 5.157  | N.D. #    |
| -----                       |                 |        |        |          |          |        |           |

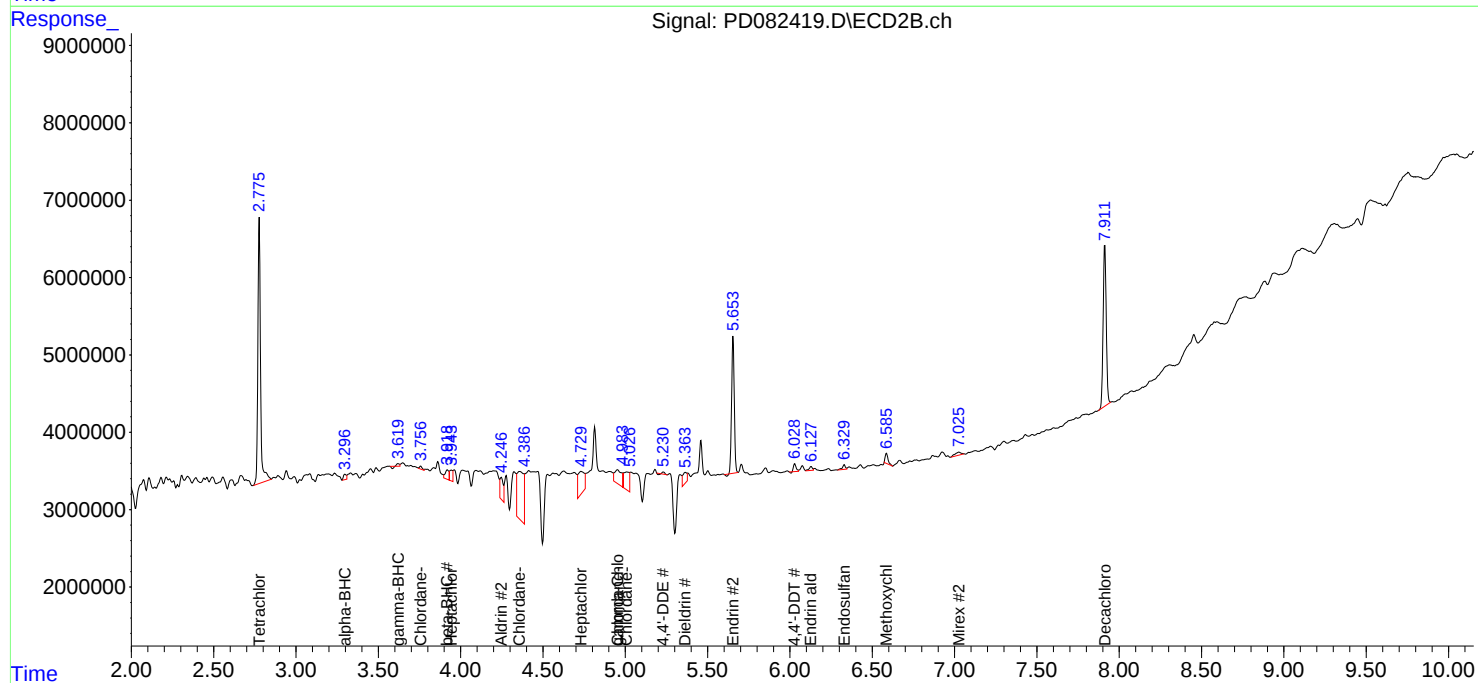
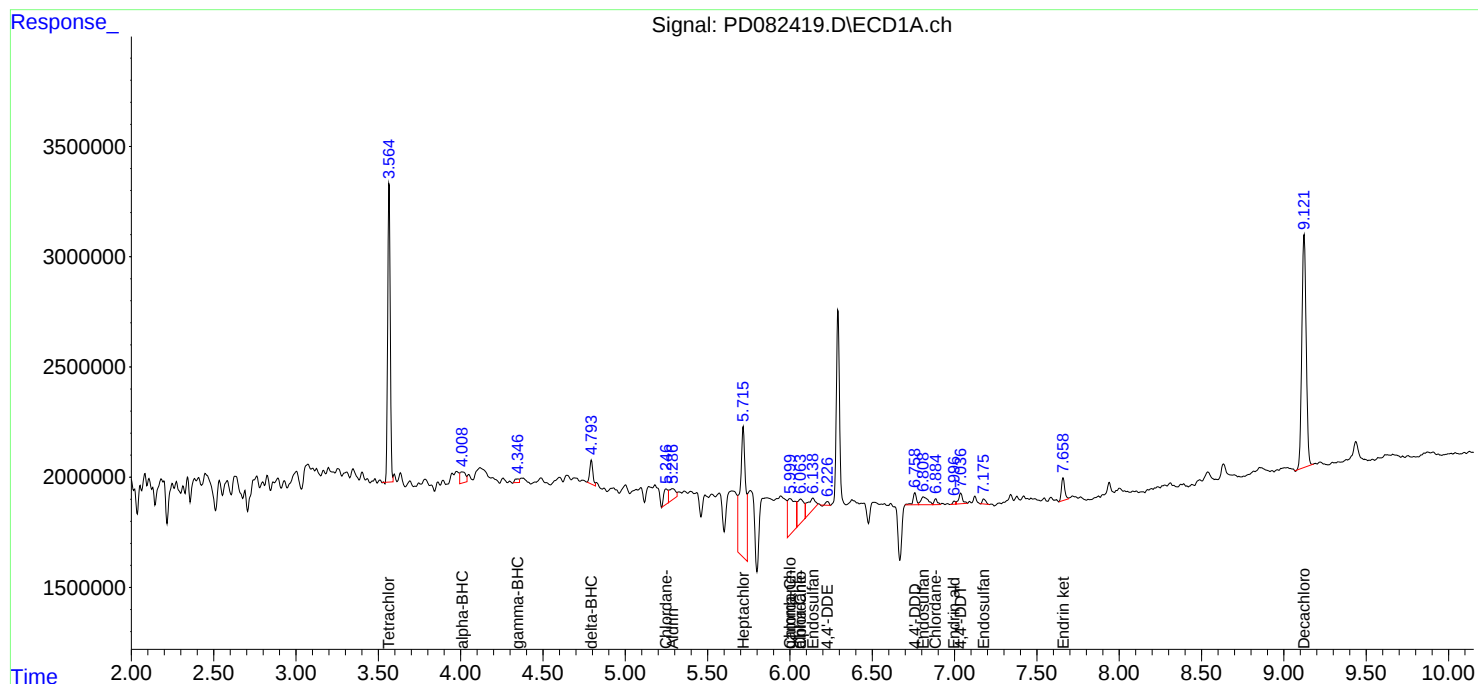
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

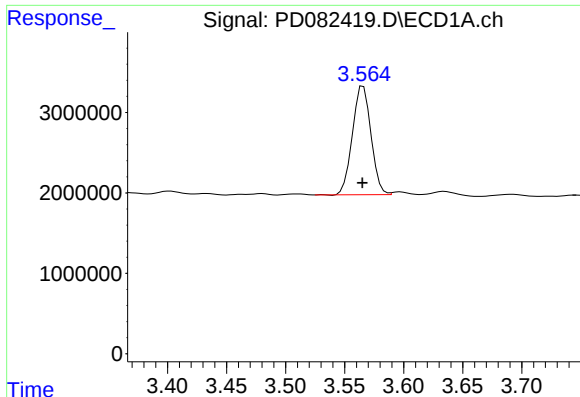
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041324\  
Data File : PD082419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2024 16:00  
Operator : AR\AJ  
Sample : P2072-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 21:54:09 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041324.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 12 14:27:32 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

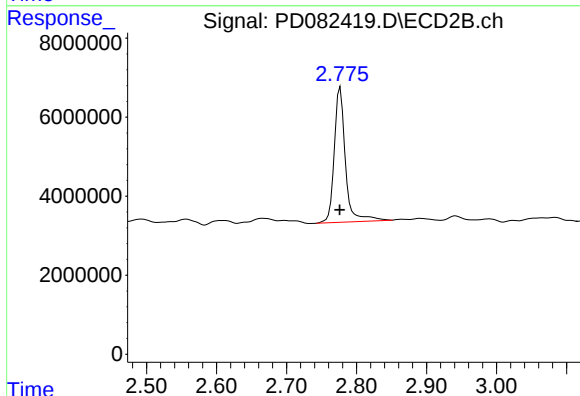




#1 Tetrachloro-m-xylene

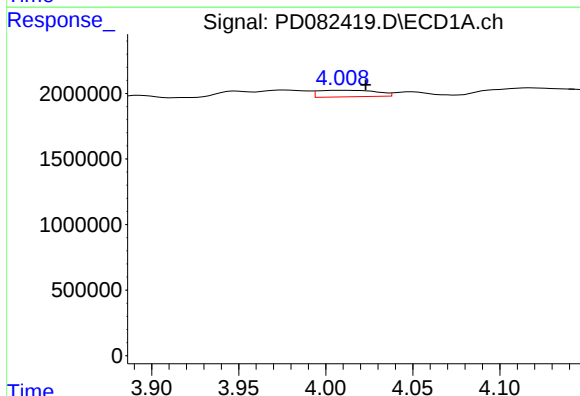
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 14765320  
Conc: 9.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



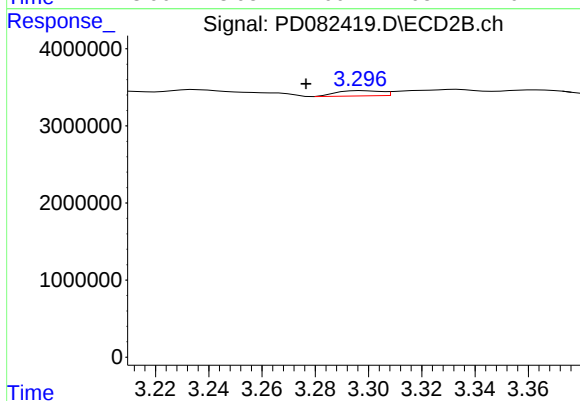
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 37862225  
Conc: 9.47 ng/ml



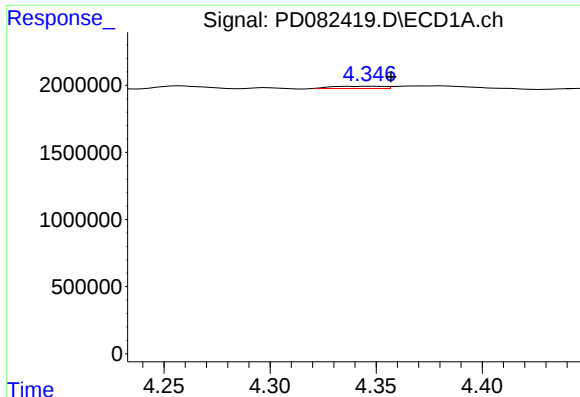
#2 alpha-BHC

R.T.: 4.009 min  
Delta R.T.: -0.014 min  
Response: 1164587  
Conc: 0.41 ng/ml



#2 alpha-BHC

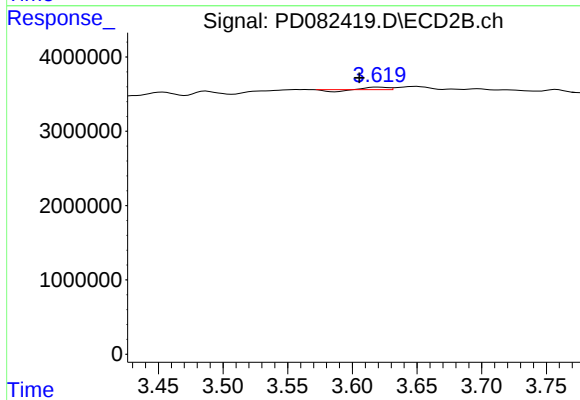
R.T.: 3.297 min  
Delta R.T.: 0.021 min  
Response: 791906  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

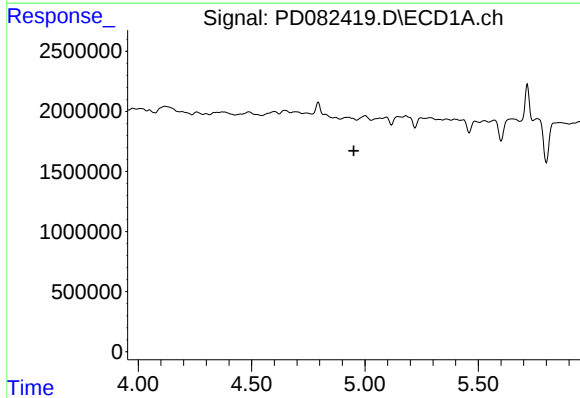
R.T.: 4.347 min  
Delta R.T.: -0.010 min  
Response: 286672  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



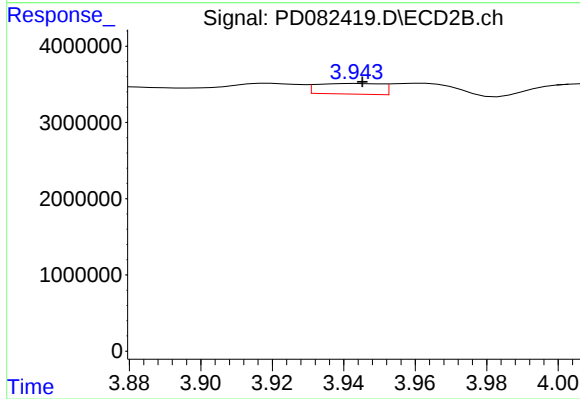
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: 0.015 min  
Response: 118746  
Conc: 0.02 ng/ml



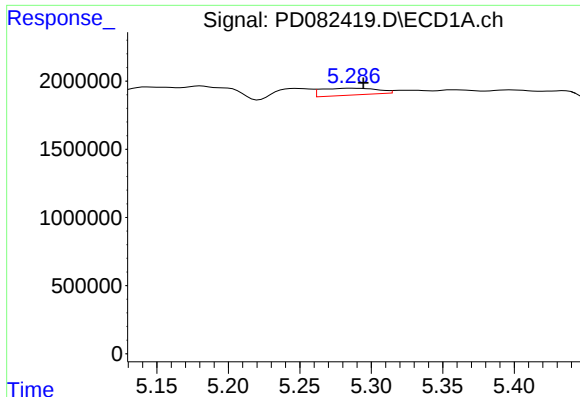
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.951 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

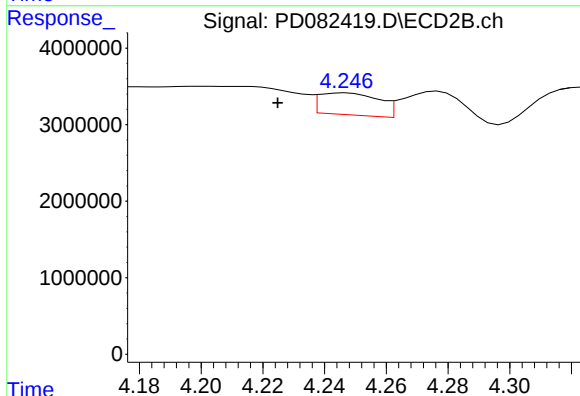
R.T.: 3.944 min  
Delta R.T.: -0.001 min  
Response: 1727309  
Conc: 0.34 ng/ml



#5 Aldrin

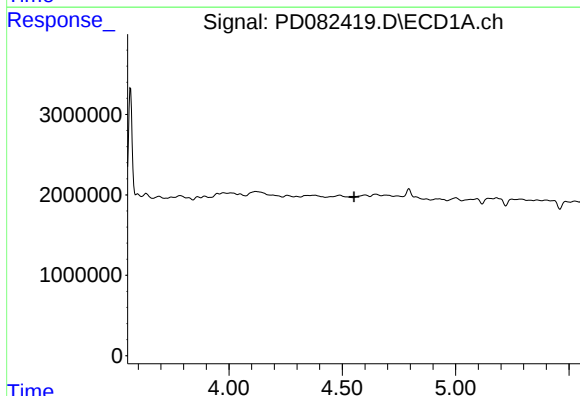
R.T.: 5.287 min  
Delta R.T.: -0.007 min  
Response: 1382335  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



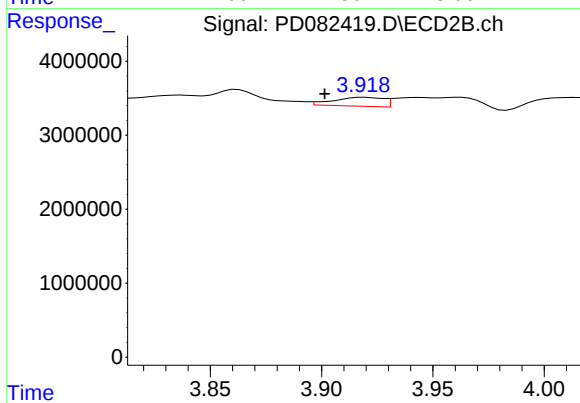
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: 0.022 min  
Response: 3865116  
Conc: 0.72 ng/ml



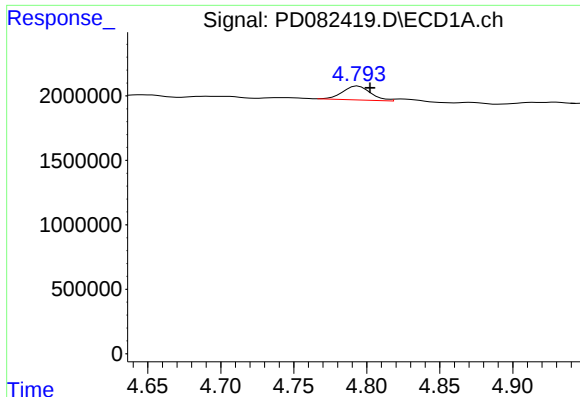
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.553 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

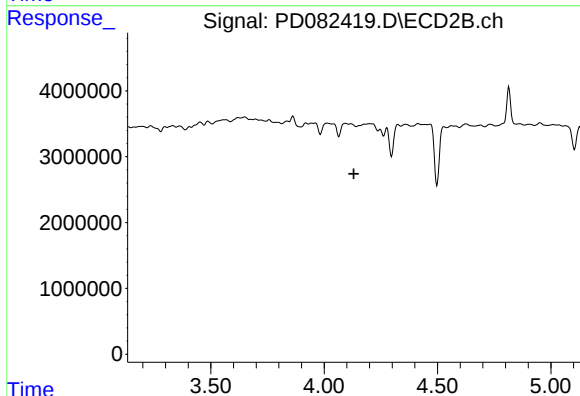
R.T.: 3.919 min  
Delta R.T.: 0.018 min  
Response: 1870842  
Conc: 0.84 ng/ml



#7 delta-BHC

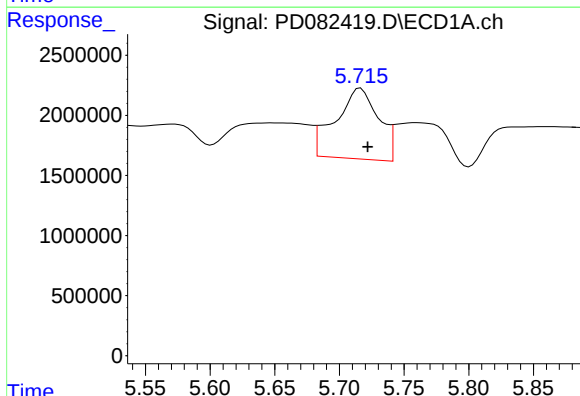
R.T.: 4.794 min  
Delta R.T.: -0.008 min  
Response: 1448736  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



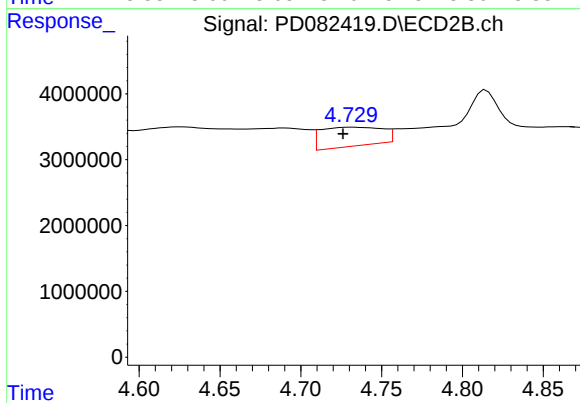
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.131 min  
Response: 0  
Conc: N.D.



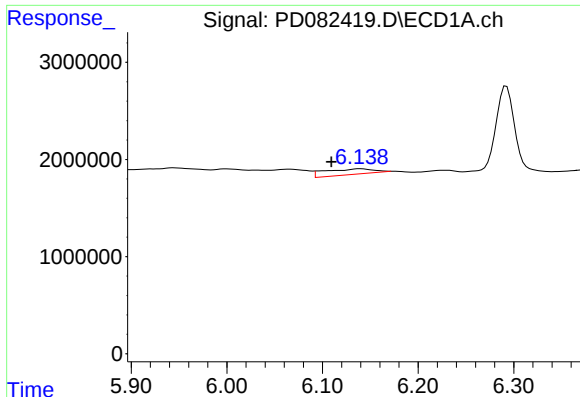
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: -0.005 min  
Response: 13632630  
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

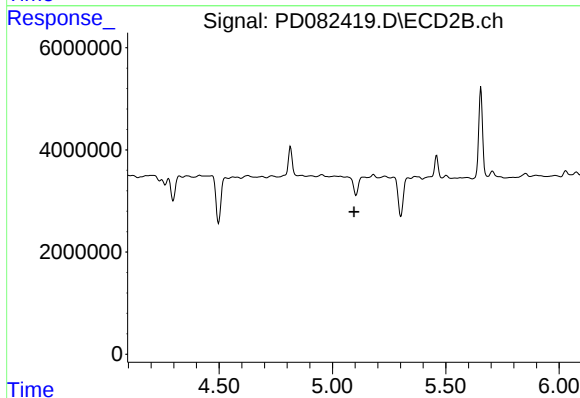
R.T.: 4.732 min  
Delta R.T.: 0.005 min  
Response: 7648570  
Conc: 1.65 ng/ml



#9 Endosulfan I

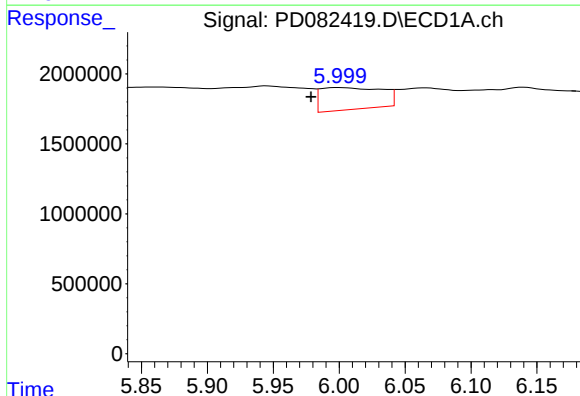
R.T.: 6.140 min  
Delta R.T.: 0.031 min  
Response: 1999944  
Conc: 0.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



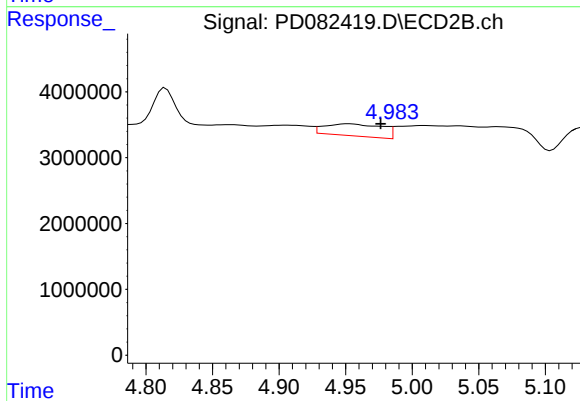
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.096 min  
Response: 0  
Conc: N.D.



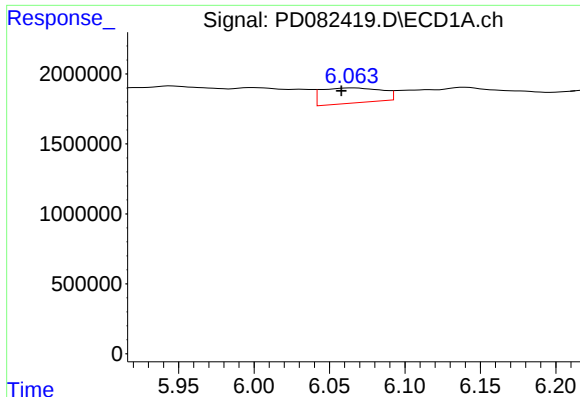
#10 gamma-Chlordane

R.T.: 6.000 min  
Delta R.T.: 0.022 min  
Response: 5053880  
Conc: 2.09 ng/ml



#10 gamma-Chlordane

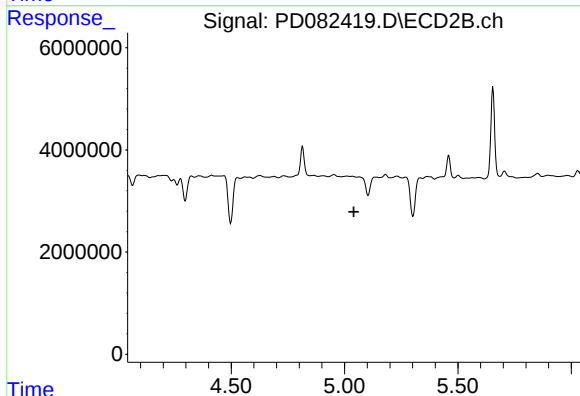
R.T.: 4.953 min  
Delta R.T.: -0.023 min  
Response: 5511710  
Conc: 1.21 ng/ml



#11 alpha-Chlordane

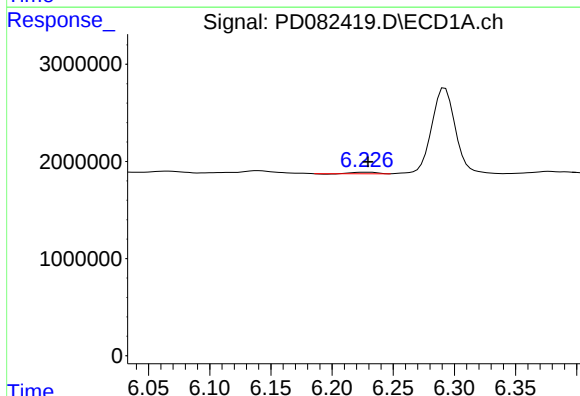
R.T.: 6.066 min  
Delta R.T.: 0.008 min  
Response: 3001074  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



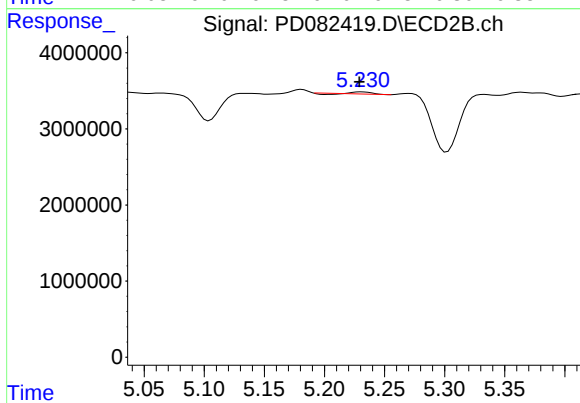
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.040 min  
Response: 0  
Conc: N.D.



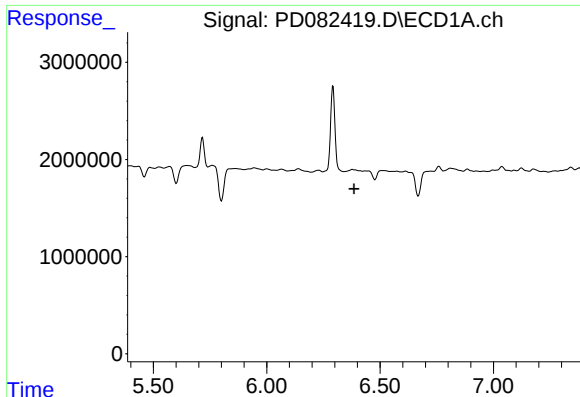
#12 4,4'-DDE

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 201943  
Conc: 0.09 ng/ml



#12 4,4'-DDE

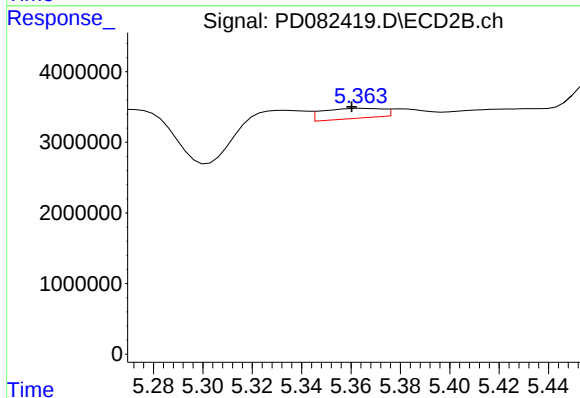
R.T.: 5.231 min  
Delta R.T.: 0.002 min  
Response: 177402  
Conc: 0.04 ng/ml



#13 Dieldrin

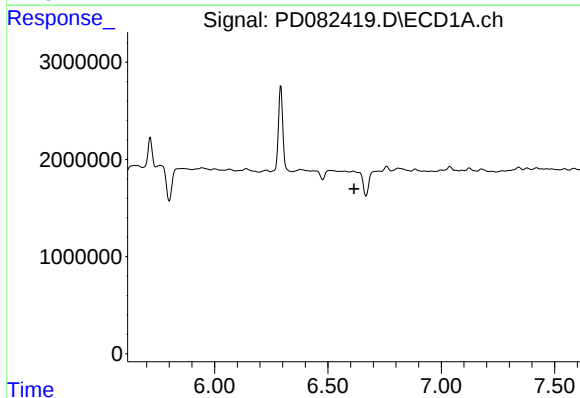
R.T.: 6.378 min  
Delta R.T.: -0.007 min  
Response: -783635  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



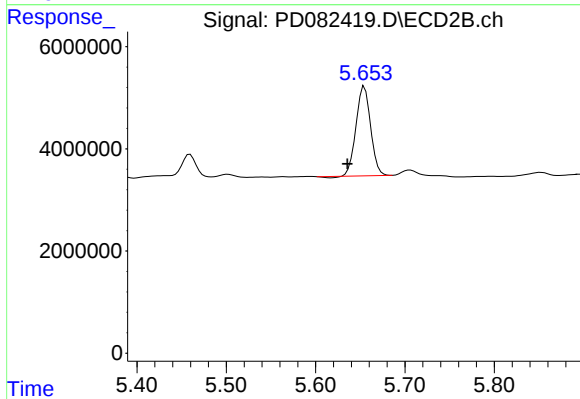
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: 0.004 min  
Response: 2401626  
Conc: 0.52 ng/ml



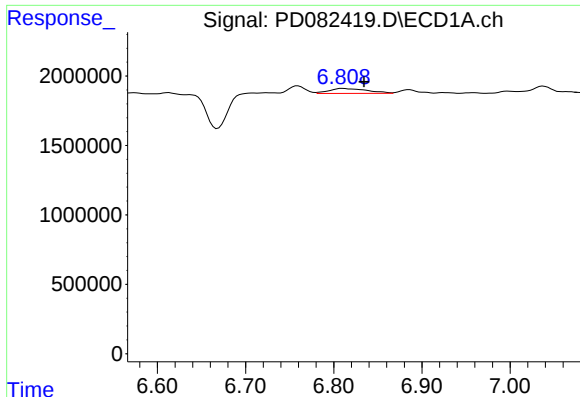
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.616 min  
Response: 0  
Conc: N.D.



#14 Endrin

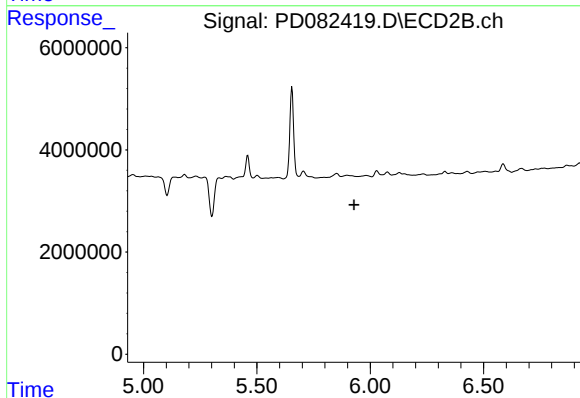
R.T.: 5.655 min  
Delta R.T.: 0.019 min  
Response: 19872236  
Conc: 4.98 ng/ml



#15 Endosulfan II

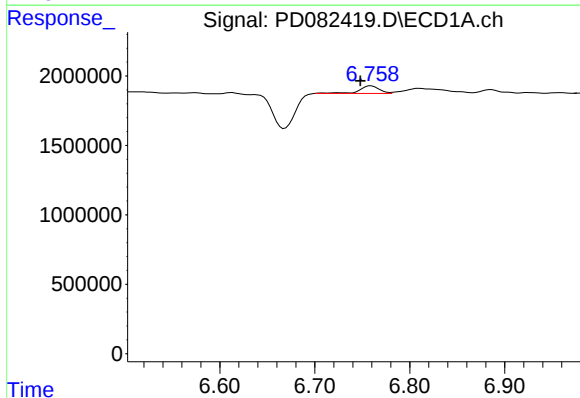
R.T.: 6.810 min  
Delta R.T.: -0.024 min  
Response: 1073720  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



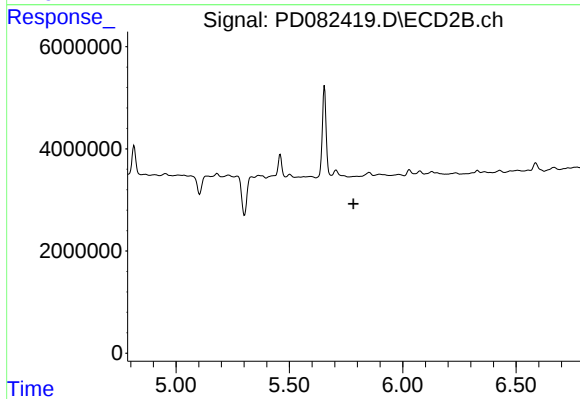
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.929 min  
Response: 0  
Conc: N.D.



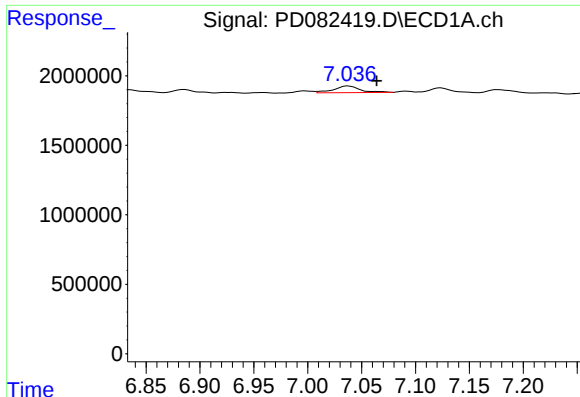
#16 4,4'-DDD

R.T.: 6.759 min  
Delta R.T.: 0.011 min  
Response: 804861  
Conc: 0.46 ng/ml



#16 4,4'-DDD

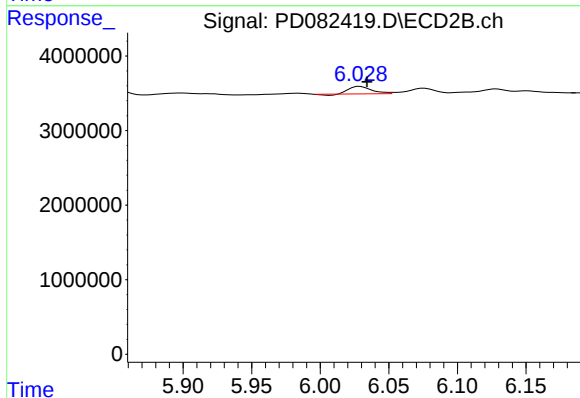
R.T.: 5.797 min  
Delta R.T.: 0.014 min  
Response: -291379  
Conc: N.D.



#17 4,4'-DDT

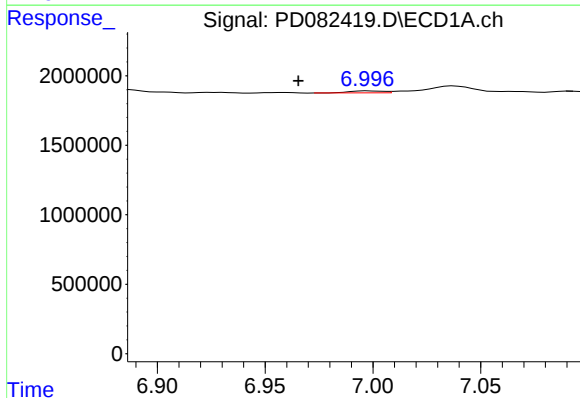
R.T.: 7.038 min  
Delta R.T.: -0.026 min  
Response: 805438  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



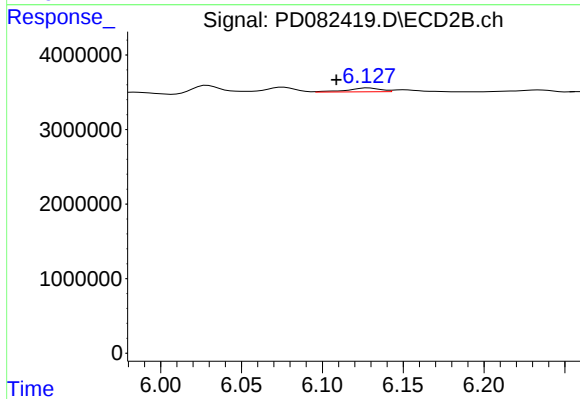
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 1093909  
Conc: 0.31 ng/ml



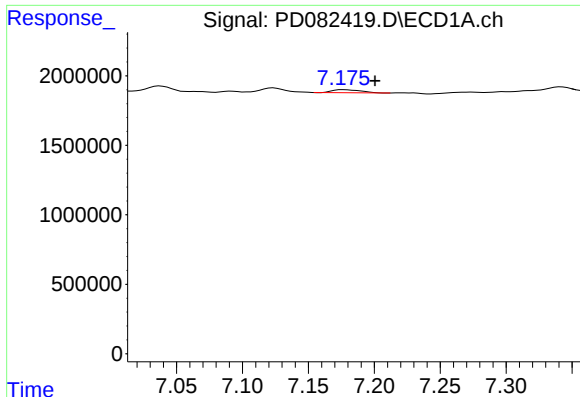
#18 Endrin aldehyde

R.T.: 6.998 min  
Delta R.T.: 0.033 min  
Response: 153334  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

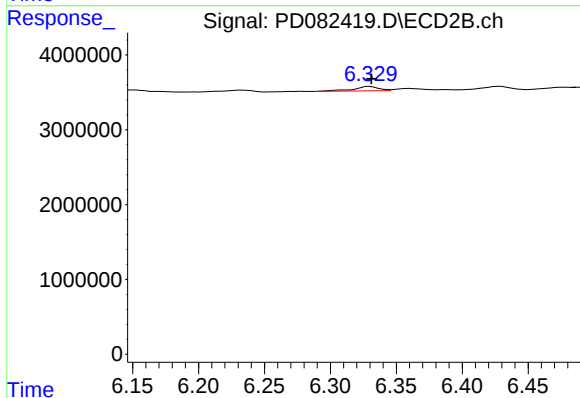
R.T.: 6.129 min  
Delta R.T.: 0.020 min  
Response: 716485  
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

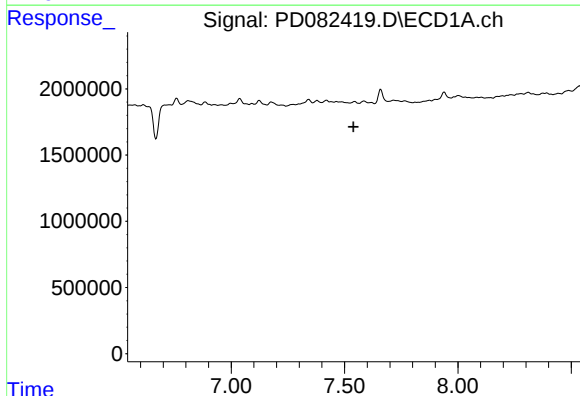
R.T.: 7.177 min  
Delta R.T.: -0.024 min  
Response: 332865  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



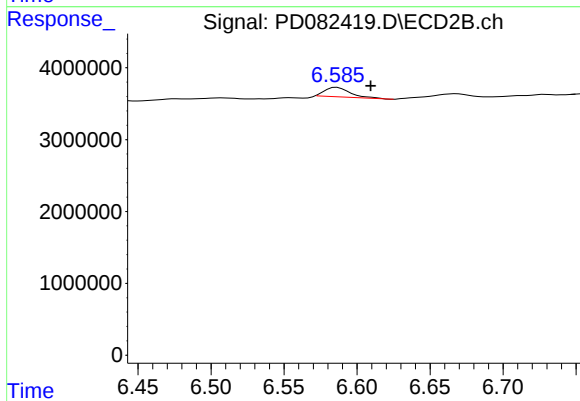
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: -0.001 min  
Response: 793351  
Conc: 0.22 ng/ml



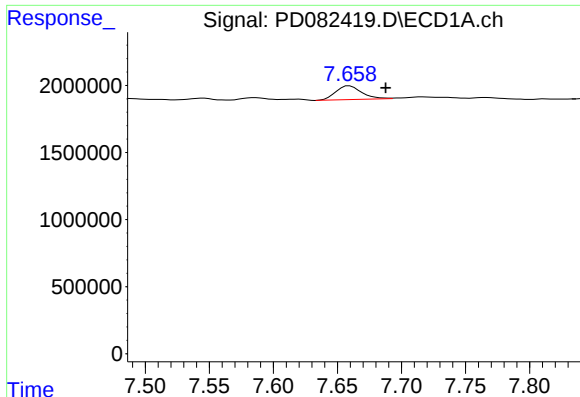
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.540 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

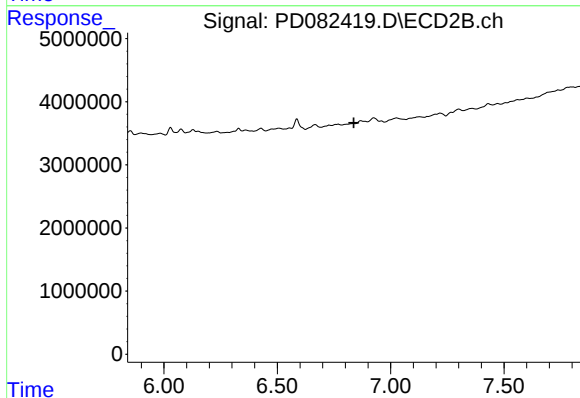
R.T.: 6.586 min  
Delta R.T.: -0.023 min  
Response: 1590791  
Conc: 0.84 ng/ml



#21 Endrin ketone

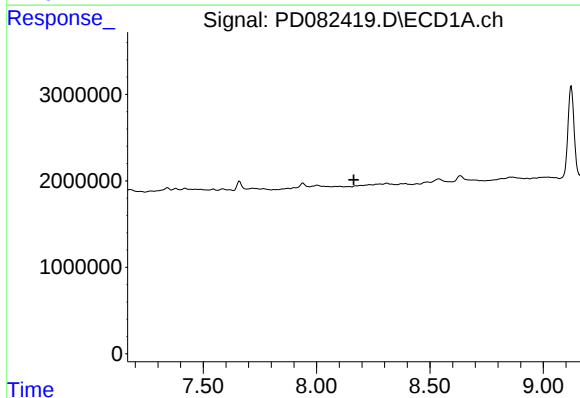
R.T.: 7.659 min  
Delta R.T.: -0.028 min  
Response: 1434611  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



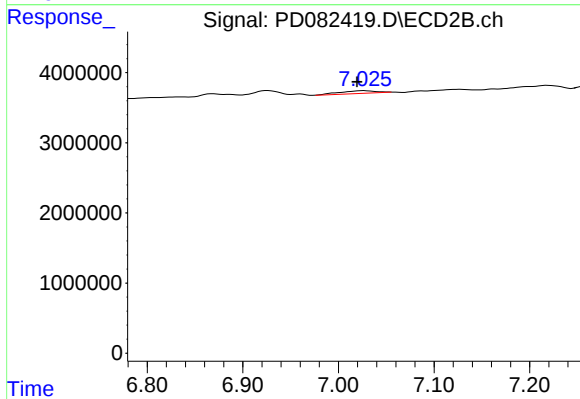
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.837 min  
Response: 0  
Conc: N.D.



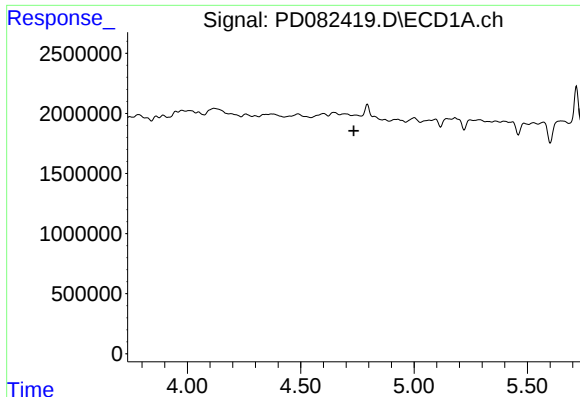
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.164 min  
Response: 0  
Conc: N.D.



#22 Mirex

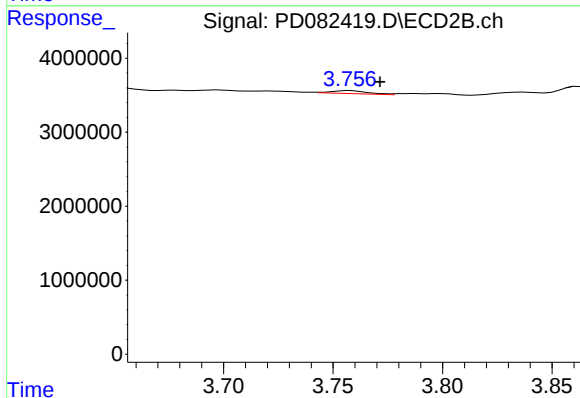
R.T.: 7.026 min  
Delta R.T.: 0.007 min  
Response: 1066291  
Conc: 0.33 ng/ml



#23 Chlordane-1

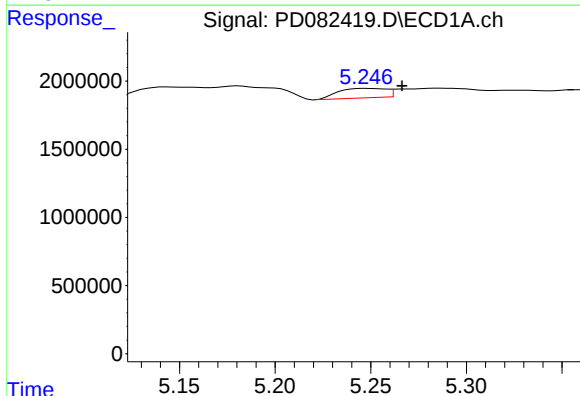
R.T.: 0.000 min  
Exp R.T.: 4.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



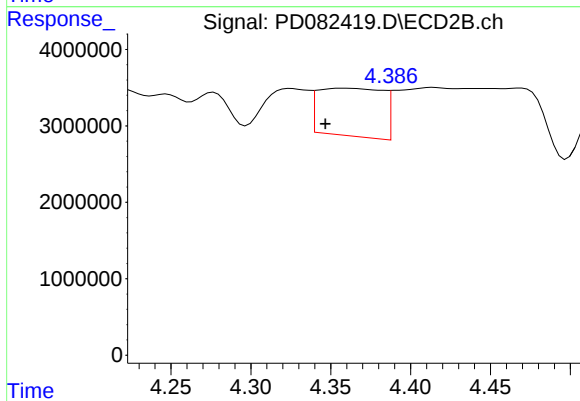
#23 Chlordane-1

R.T.: 3.758 min  
Delta R.T.: -0.014 min  
Response: 453594  
Conc: 3.12 ng/ml



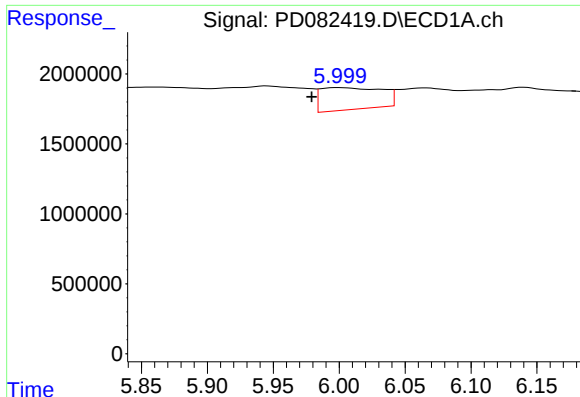
#24 Chlordane-2

R.T.: 5.248 min  
Delta R.T.: -0.018 min  
Response: 1200637  
Conc: 13.98 ng/ml



#24 Chlordane-2

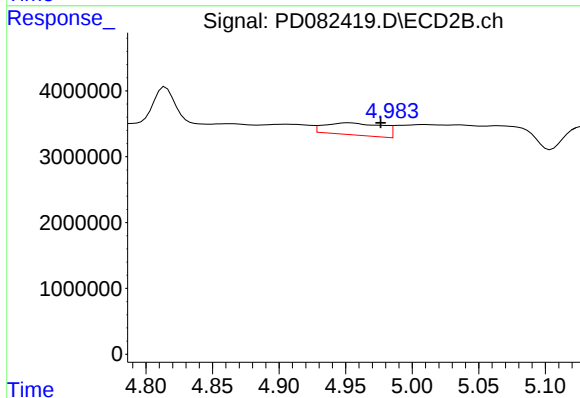
R.T.: 4.358 min  
Delta R.T.: 0.011 min  
Response: 17591506  
Conc: 106.71 ng/ml



#25 Chlordane-3

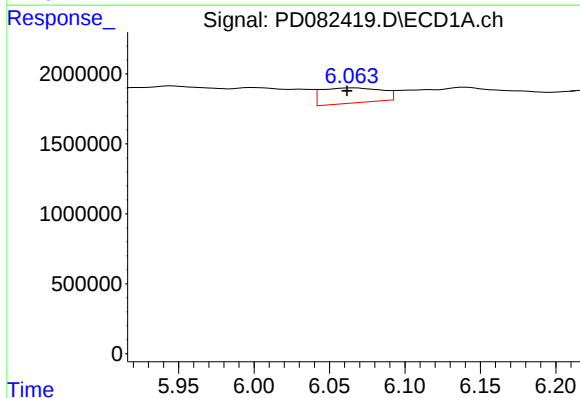
R.T.: 6.000 min  
Delta R.T.: 0.021 min  
Response: 5053880  
Conc: 15.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



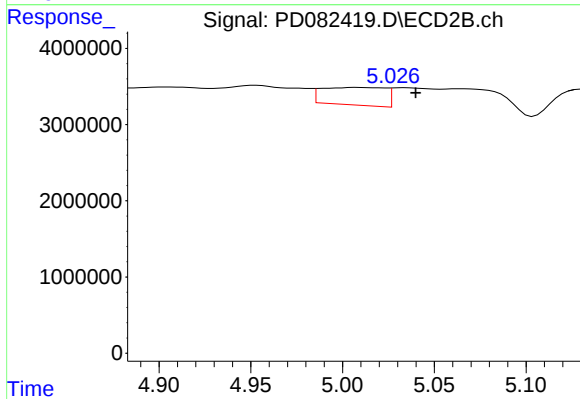
#25 Chlordane-3

R.T.: 4.953 min  
Delta R.T.: -0.023 min  
Response: 5511710  
Conc: 12.10 ng/ml



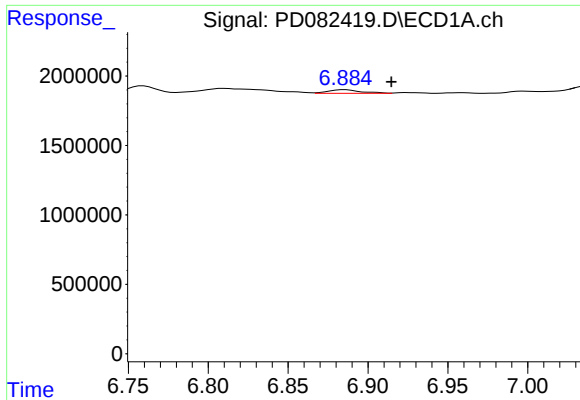
#26 Chlordane-4

R.T.: 6.066 min  
Delta R.T.: 0.004 min  
Response: 3001074  
Conc: 7.54 ng/ml



#26 Chlordane-4

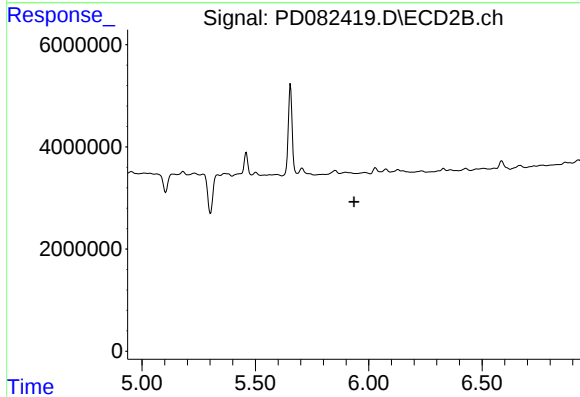
R.T.: 5.009 min  
Delta R.T.: -0.031 min  
Response: 5546662  
Conc: 12.67 ng/ml



#27 Chlordane-5

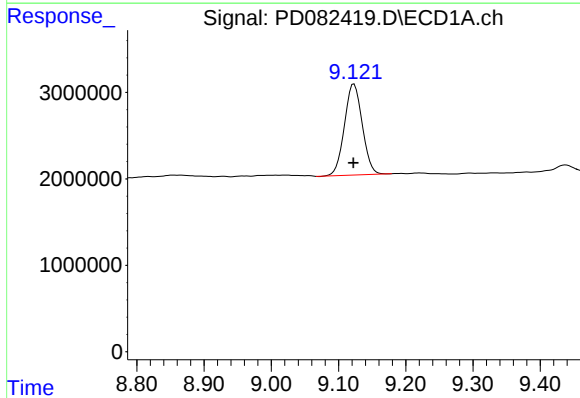
R.T.: 6.886 min  
Delta R.T.: -0.029 min  
Response: 368075  
Conc: 5.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
HR-01-041024



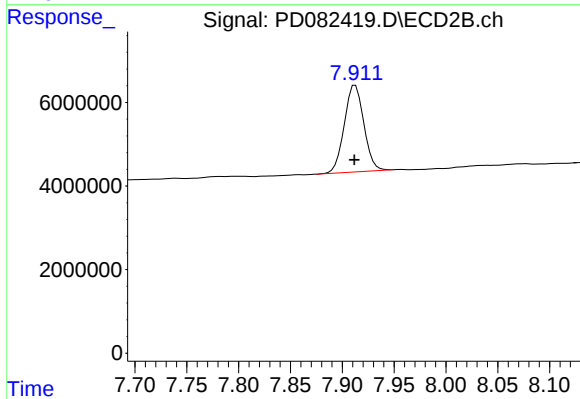
#27 Chlordane-5

R.T.: 5.898 min  
Delta R.T.: -0.037 min  
Response: -288837  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 19394591  
Conc: 9.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: 0.000 min  
Response: 27218450  
Conc: 7.84 ng/ml