

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
 Data File : PD089616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2025 19:51  
 Operator : AR\AJ  
 Sample : Q2639-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OU4-TS-42-071725

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 02:14:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 22 04:39:29 2025  
 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... | 3.548  | 2.879  | 34340372 | 547.1E6  | 11.918 | 27.961 # |
| 2)                          | SA Decachlor... | 9.069  | 8.066  | 17535893 | 157.2E6  | 4.270  | 6.400 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.980f | 3.415f | 640594   | 138.3E6  | 0.112  | 4.603 #  |
| 3)                          | MA gamma-BHC... | 4.333  | 3.738  | 3140026  | 15838914 | 0.569  | 0.571    |
| 4)                          | MA Heptachlor   | 4.951f | 4.109f | 11872278 | 43458370 | 2.177  | 1.551 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.374  | 0        | 1616173  | N.D.   | 0.059 #  |
| 7)                          | B delta-BHC     | 4.775  | 4.267  | 8686076  | 10835162 | 1.643  | 0.388 #  |
| 8)                          | B Heptachlo...  | 5.699  | 4.867  | 5225460  | 8605291  | 1.106  | 0.346 #  |
| 9)                          | A Endosulfan I  | 6.064  | 5.264f | 687867   | 52396605 | 0.155  | 2.207 #  |
| 10)                         | B gamma-Chl...  | 5.942  | 5.120  | 7421261  | 79163834 | 1.565  | 2.959 #  |
| 11)                         | B alpha-Chl...  | 6.026  | 5.187  | 10465344 | 63040424 | 2.196  | 2.444    |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.372  | 6246614  | 31851852 | 1.455  | 1.213    |
| 13)                         | MA Dieldrin     | 6.347  | 5.508  | 2784200  | 29777987 | 0.590  | 1.127 #  |
| 14)                         | MA Endrin       | 6.578  | 5.788  | 6149567  | 23824841 | 1.510  | 0.985 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.100f | 0        | 60320419 | N.D.   | 2.626 #  |
| 16)                         | A 4,4'-DDD      | 6.688f | 5.927  | 2160825  | -2940123 | 0.638  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.192  | 1629465  | 67143907 | 0.432  | 2.869 #  |
| 18)                         | B Endrin al...  | 6.931f | 6.240f | 9471670  | 99657901 | 3.249  | 6.004 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.452f | 0        | 16869948 | N.D.   | 0.760 #  |
| 21)                         | B Endrin ke...  | 7.613  | 0.000  | 585483   | 0        | 0.145  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.187  | 0        | 35605715 | N.D.   | 1.842 #  |
| 24)                         | Chlordane-2     | 5.233  | 4.486  | 8042431  | 20663328 | 39.995 | 21.080 # |
| 25)                         | Chlordane-3     | 5.942  | 5.120  | 7421261  | 79163834 | 9.524  | 27.421 # |
| 26)                         | Chlordane-4     | 6.026  | 5.187  | 10465344 | 63040424 | 11.025 | 26.134 # |
| 27)                         | Chlordane-5     | 6.863  | 6.100  | 1309008  | 60320419 | 7.937  | 51.624 # |
| -----                       |                 |        |        |          |          |        |          |

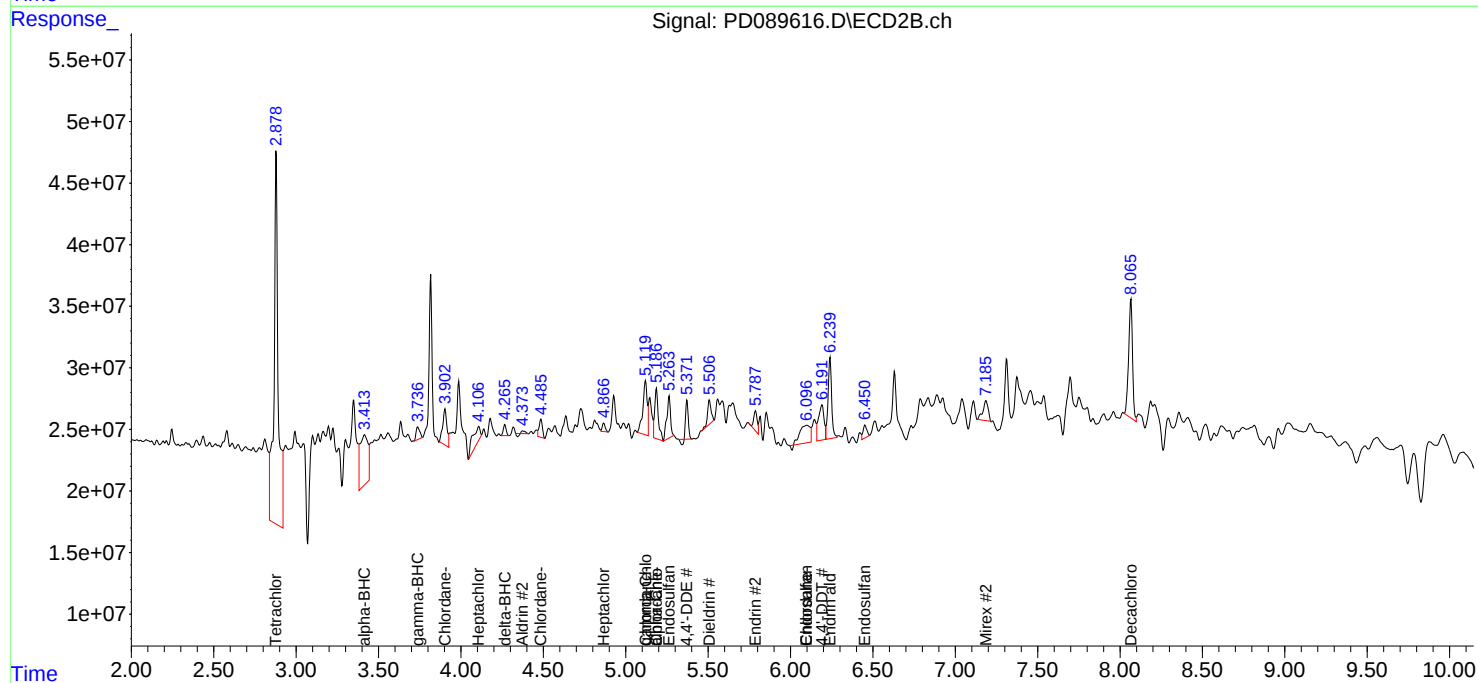
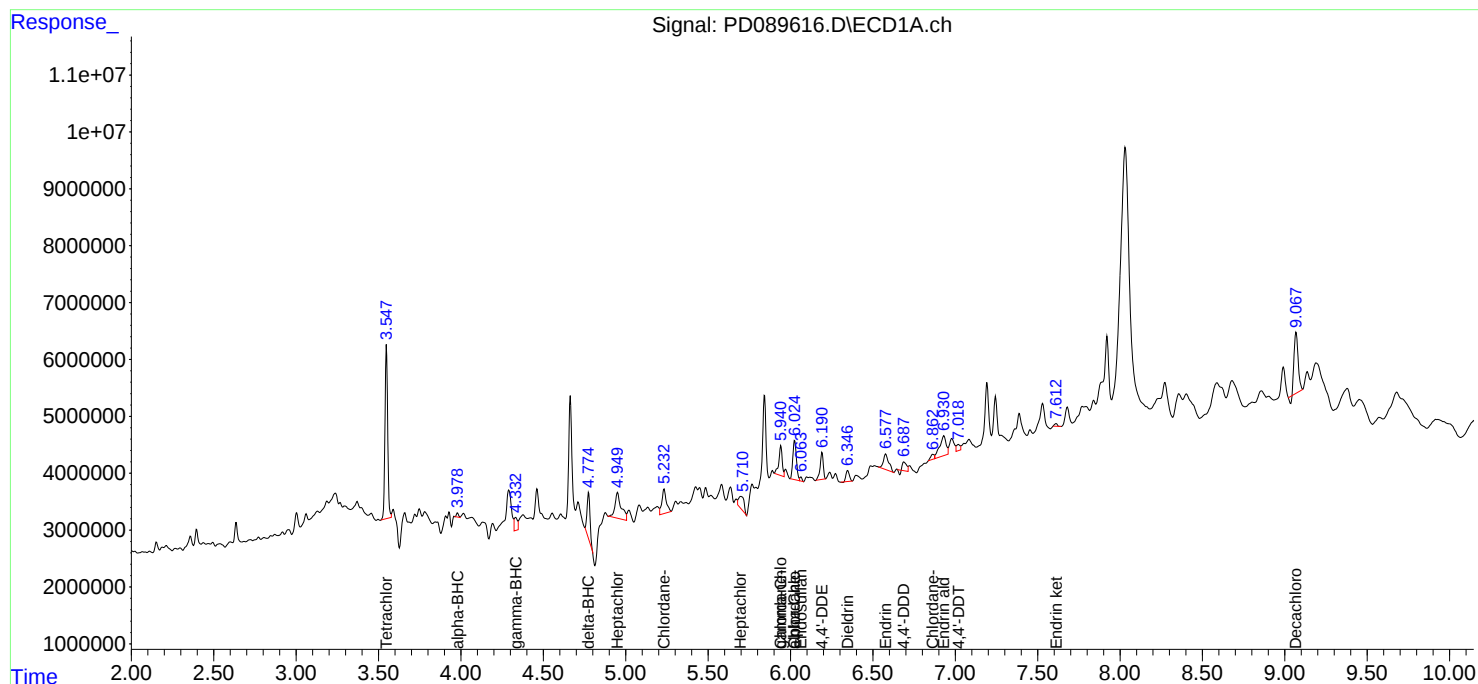
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

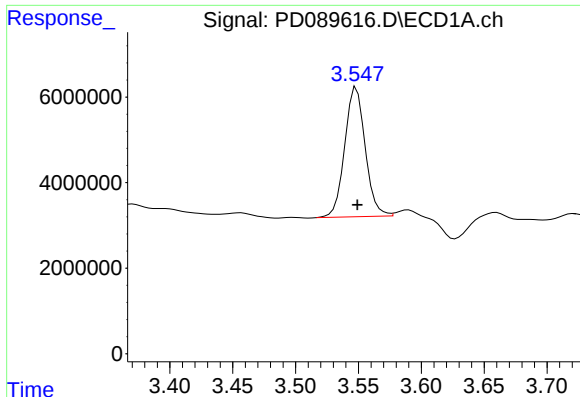
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
Data File : PD089616.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2025 19:51  
Operator : AR\AJ  
Sample : Q2639-09  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 02:14:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 22 04:39:29 2025  
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

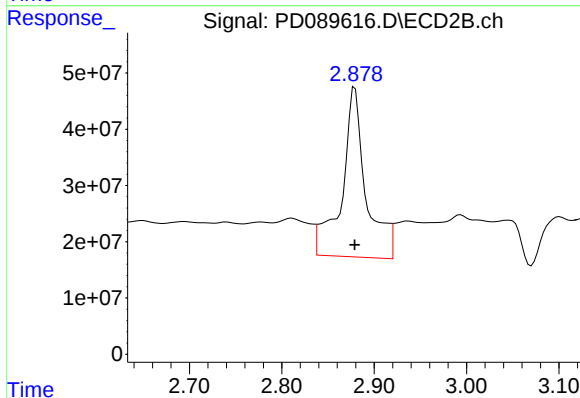




#1 Tetrachloro-m-xylene

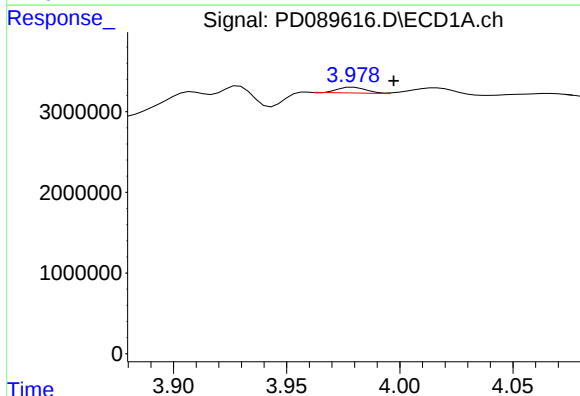
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 34340372  
Conc: 11.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



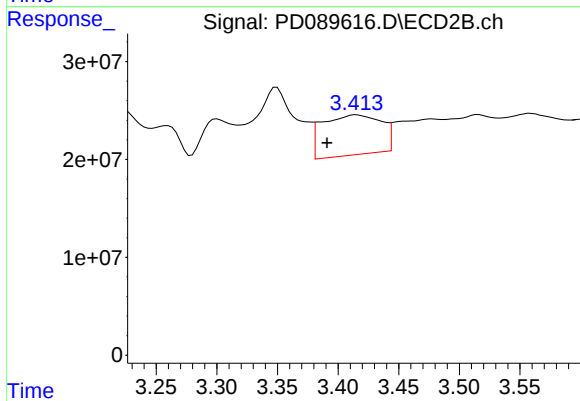
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.000 min  
Response: 547092069  
Conc: 27.96 ng/ml



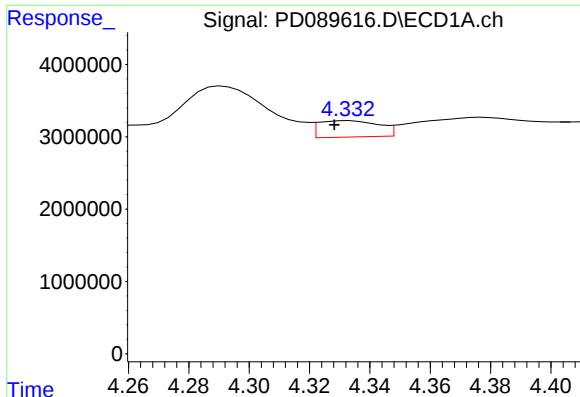
#2 alpha-BHC

R.T.: 3.980 min  
Delta R.T.: -0.018 min  
Response: 640594  
Conc: 0.11 ng/ml



#2 alpha-BHC

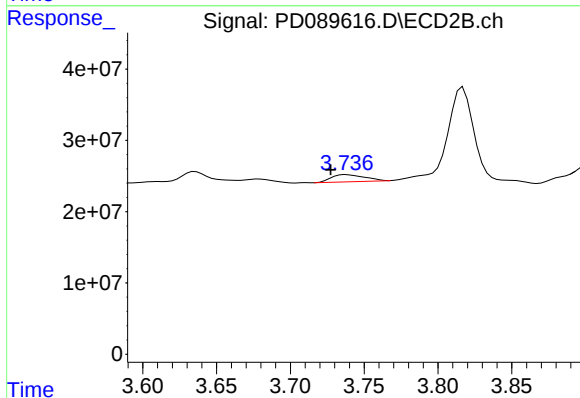
R.T.: 3.415 min  
Delta R.T.: 0.024 min  
Response: 138305980  
Conc: 4.60 ng/ml



#3 gamma-BHC (Lindane)

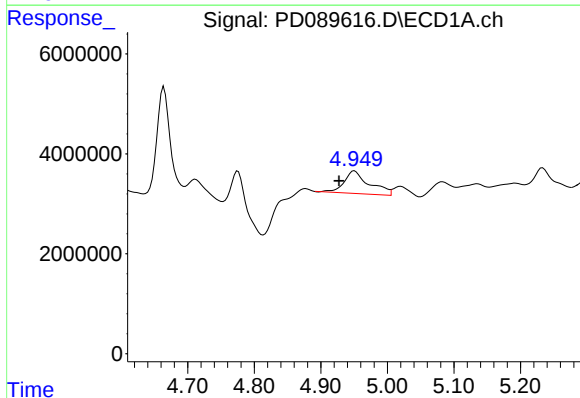
R.T.: 4.333 min  
Delta R.T.: 0.005 min  
Response: 3140026  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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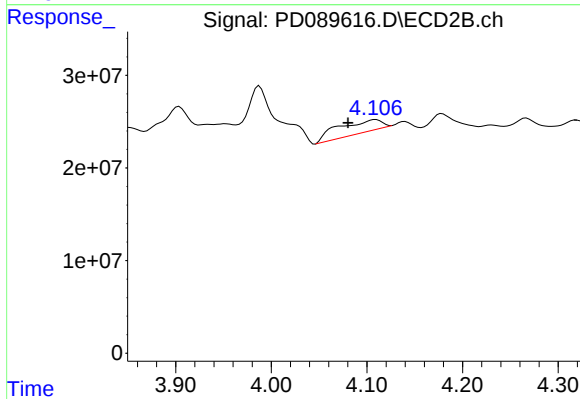
#3 gamma-BHC (Lindane)

R.T.: 3.738 min  
Delta R.T.: 0.010 min  
Response: 15838914  
Conc: 0.57 ng/ml



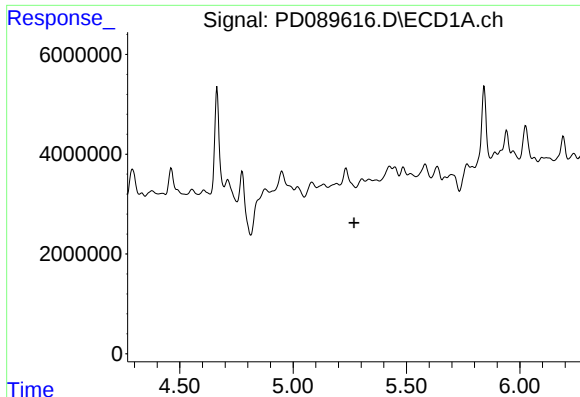
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.023 min  
Response: 11872278  
Conc: 2.18 ng/ml



#4 Heptachlor

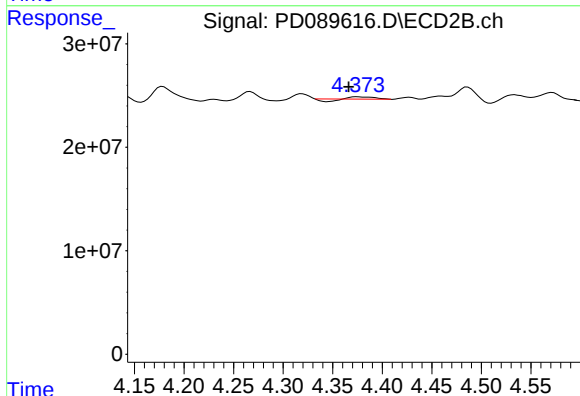
R.T.: 4.109 min  
Delta R.T.: 0.029 min  
Response: 43458370  
Conc: 1.55 ng/ml



#5 Aldrin

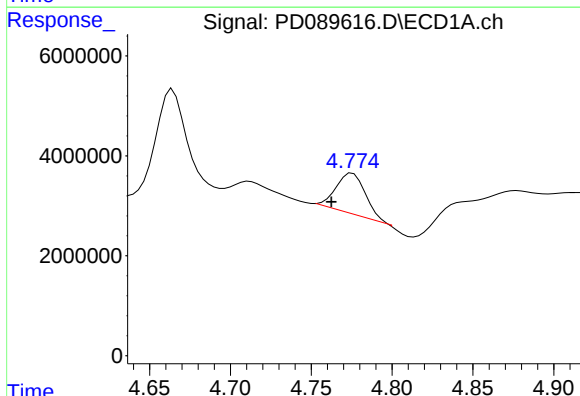
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



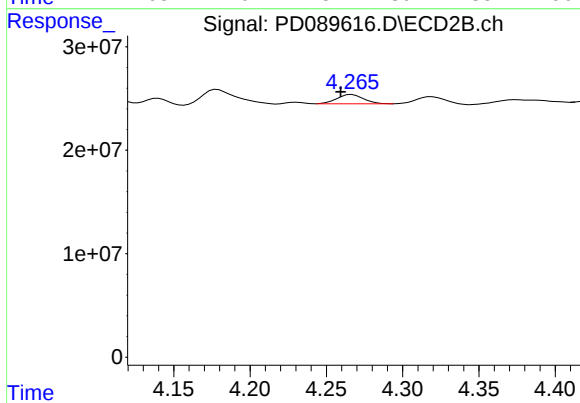
#5 Aldrin

R.T.: 4.374 min  
Delta R.T.: 0.008 min  
Response: 1616173  
Conc: 0.06 ng/ml



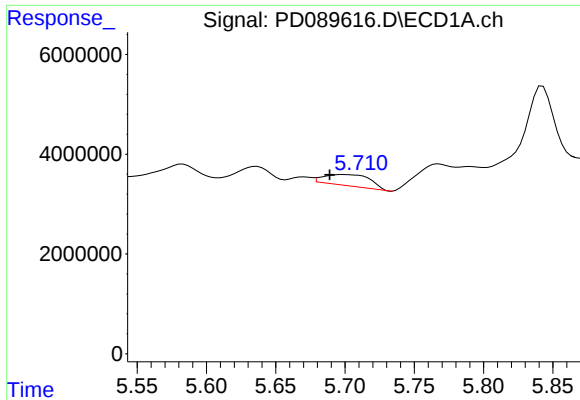
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.013 min  
Response: 8686076  
Conc: 1.64 ng/ml



#7 delta-BHC

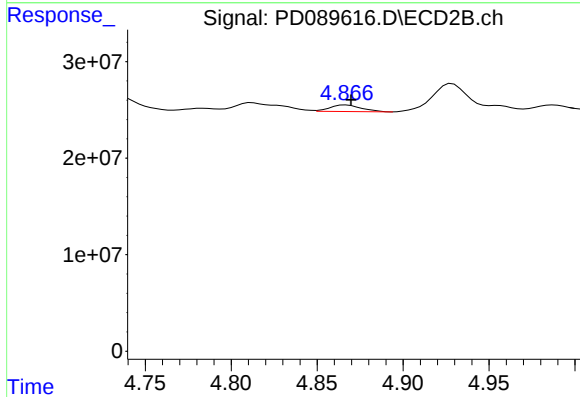
R.T.: 4.267 min  
Delta R.T.: 0.007 min  
Response: 10835162  
Conc: 0.39 ng/ml



#8 Heptachlor epoxide

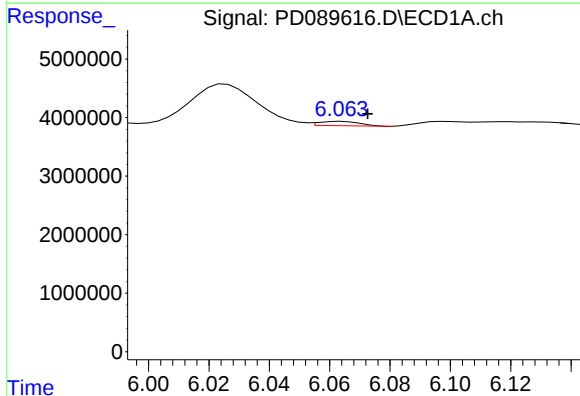
R.T.: 5.699 min  
Delta R.T.: 0.010 min  
Response: 5225460  
Conc: 1.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



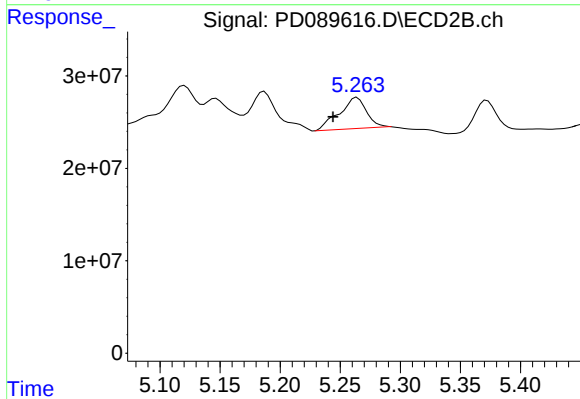
#8 Heptachlor epoxide

R.T.: 4.867 min  
Delta R.T.: -0.003 min  
Response: 8605291  
Conc: 0.35 ng/ml



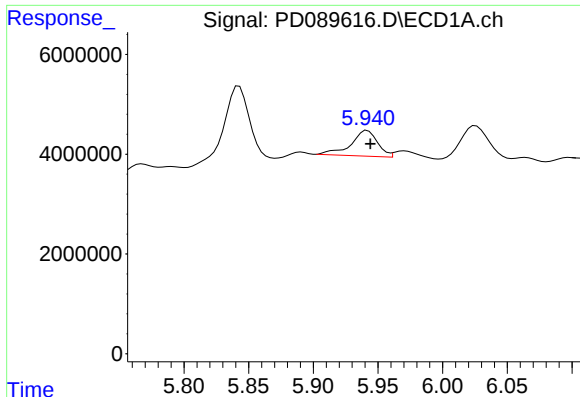
#9 Endosulfan I

R.T.: 6.064 min  
Delta R.T.: -0.009 min  
Response: 687867  
Conc: 0.15 ng/ml



#9 Endosulfan I

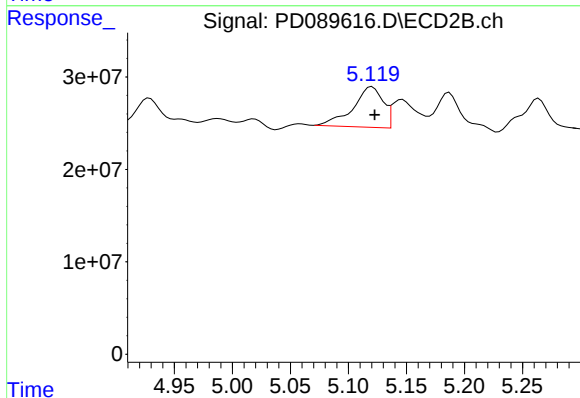
R.T.: 5.264 min  
Delta R.T.: 0.020 min  
Response: 52396605  
Conc: 2.21 ng/ml



#10 gamma-Chlordane

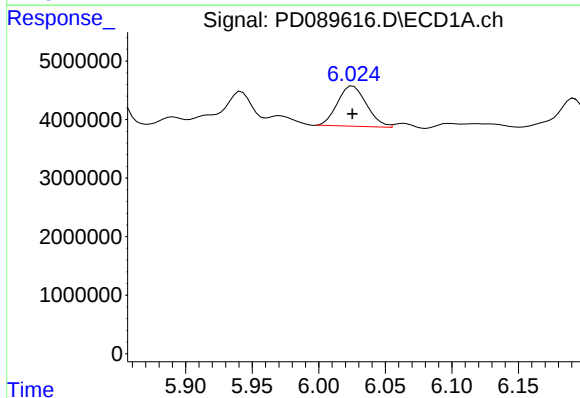
R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 7421261  
Conc: 1.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



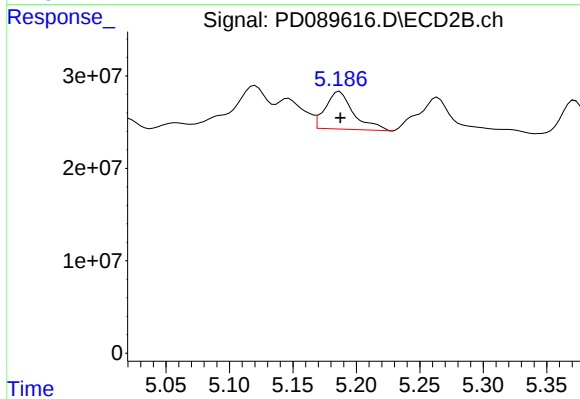
#10 gamma-Chlordane

R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 79163834  
Conc: 2.96 ng/ml



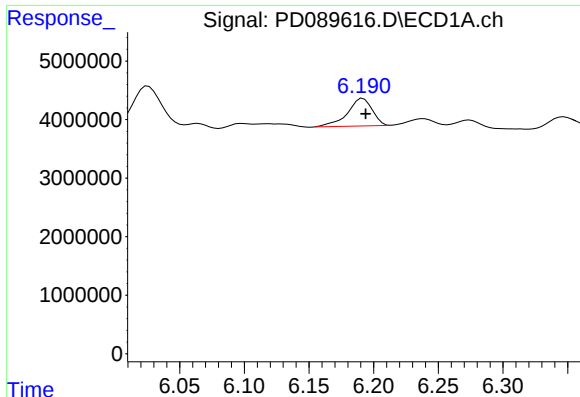
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 10465344  
Conc: 2.20 ng/ml



#11 alpha-Chlordane

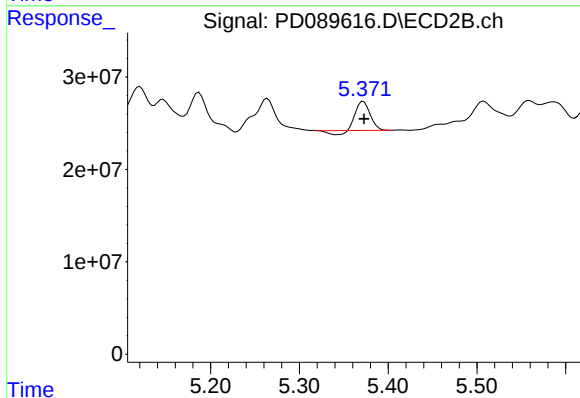
R.T.: 5.187 min  
Delta R.T.: 0.000 min  
Response: 63040424  
Conc: 2.44 ng/ml



#12 4,4'-DDE

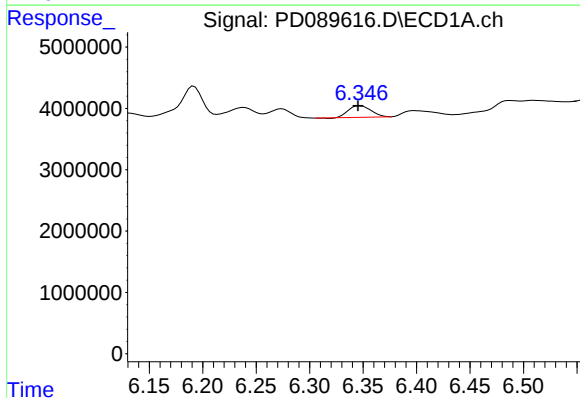
R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 6246614  
Conc: 1.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



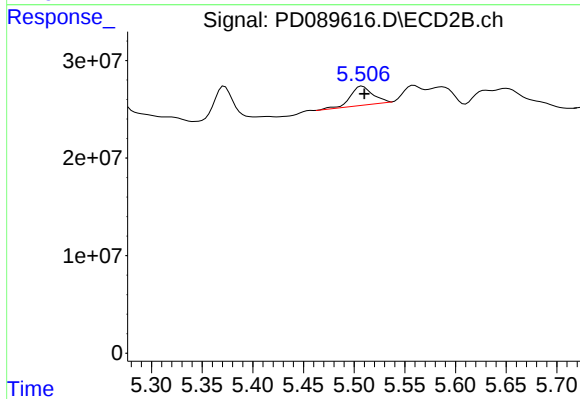
#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 31851852  
Conc: 1.21 ng/ml



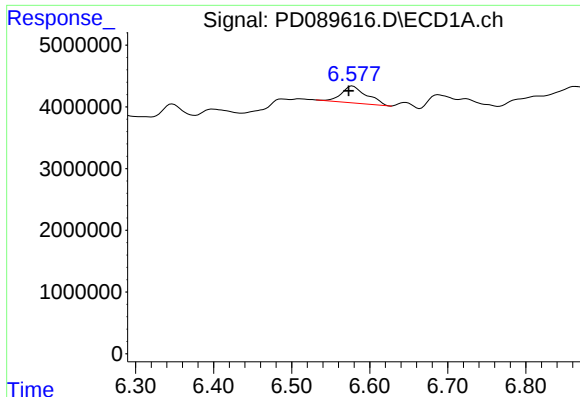
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 2784200  
Conc: 0.59 ng/ml



#13 Dieldrin

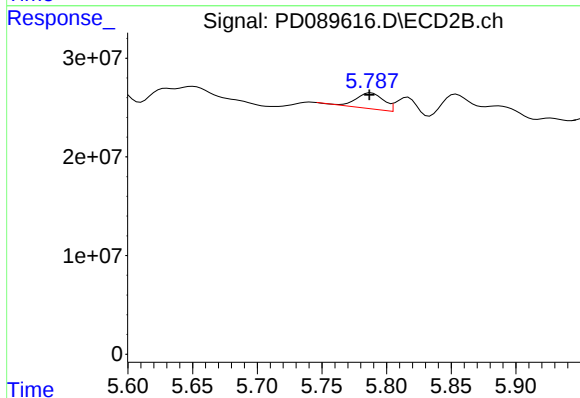
R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 29777987  
Conc: 1.13 ng/ml



#14 Endrin

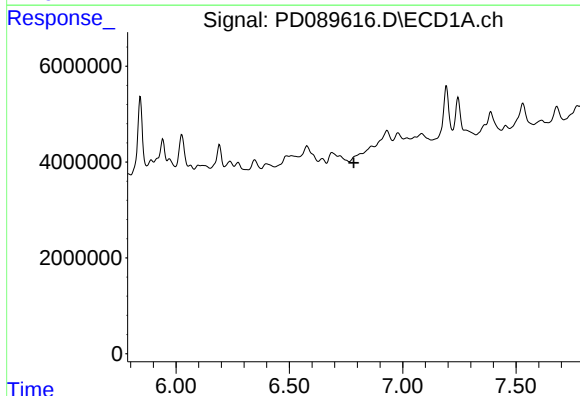
R.T.: 6.578 min  
Delta R.T.: 0.005 min  
Response: 6149567  
Conc: 1.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



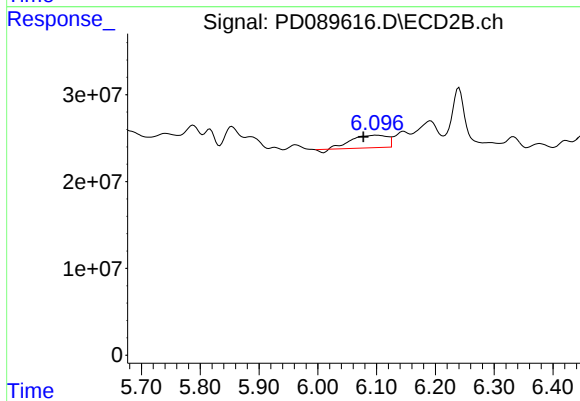
#14 Endrin

R.T.: 5.788 min  
Delta R.T.: 0.001 min  
Response: 23824841  
Conc: 0.99 ng/ml



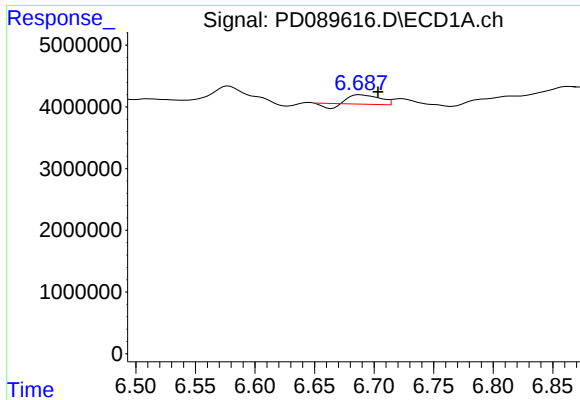
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.784 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

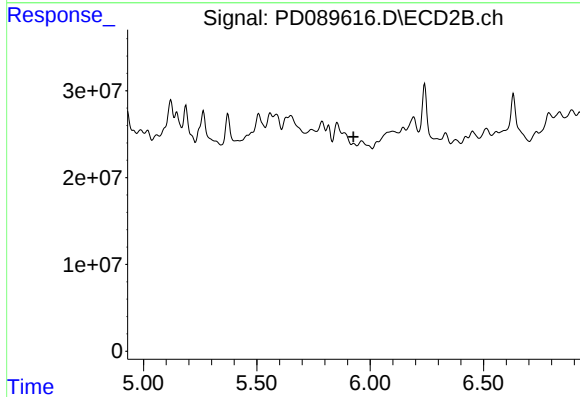
R.T.: 6.100 min  
Delta R.T.: 0.022 min  
Response: 60320419  
Conc: 2.63 ng/ml



#16 4,4'-DDD

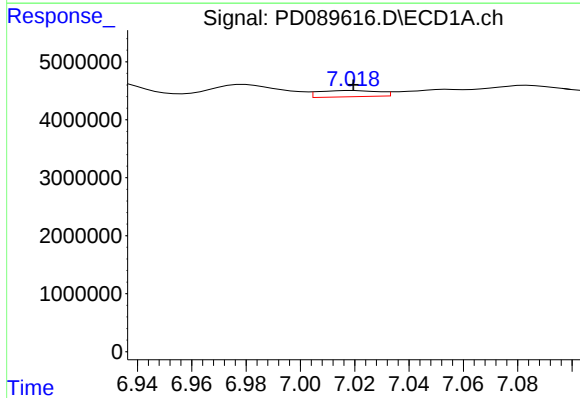
R.T.: 6.688 min  
Delta R.T.: -0.015 min  
Response: 2160825  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



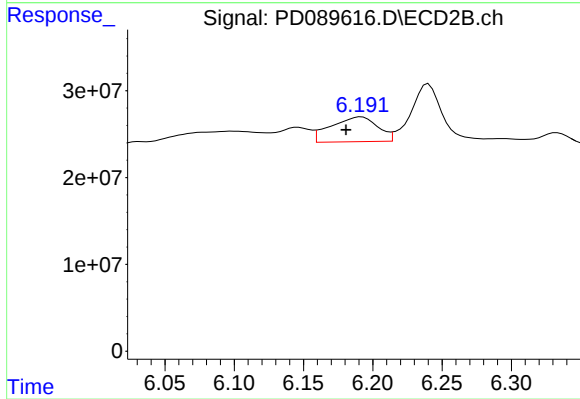
#16 4,4'-DDD

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: -2940123  
Conc: N.D.



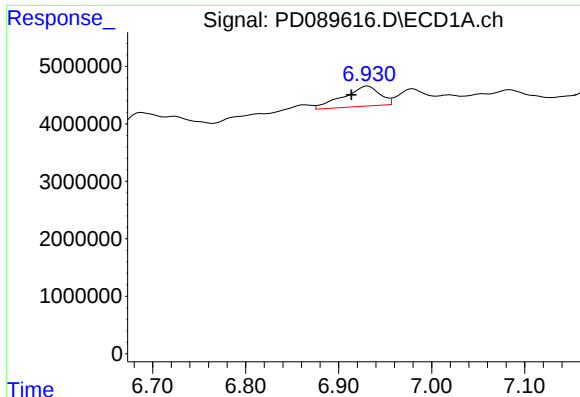
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 1629465  
Conc: 0.43 ng/ml



#17 4,4'-DDT

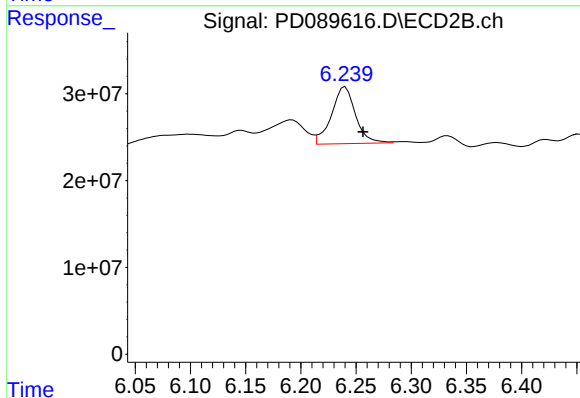
R.T.: 6.192 min  
Delta R.T.: 0.011 min  
Response: 67143907  
Conc: 2.87 ng/ml



#18 Endrin aldehyde

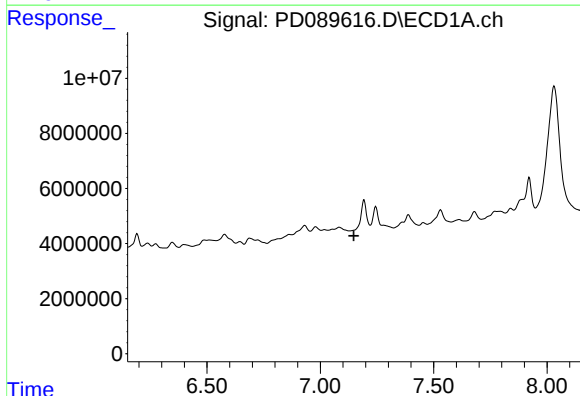
R.T.: 6.931 min  
Delta R.T.: 0.018 min  
Response: 9471670  
Conc: 3.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



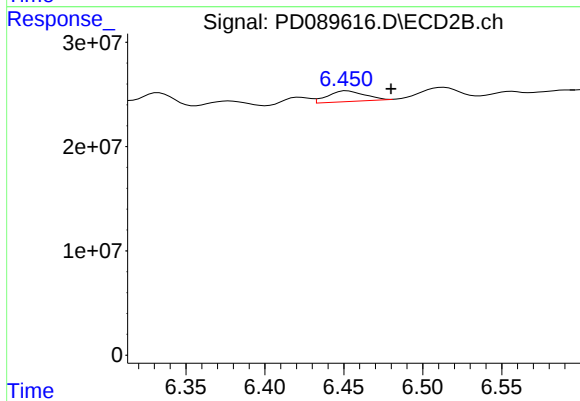
#18 Endrin aldehyde

R.T.: 6.240 min  
Delta R.T.: -0.016 min  
Response: 99657901  
Conc: 6.00 ng/ml



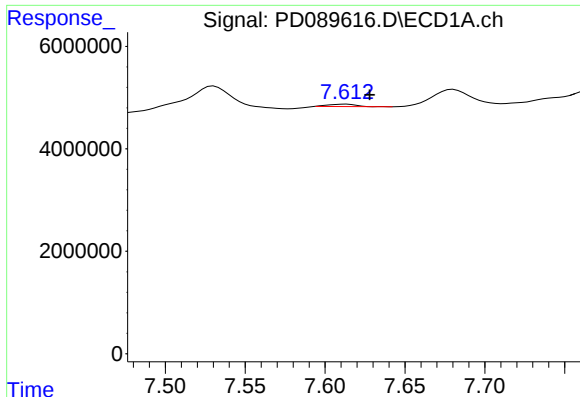
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.148 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

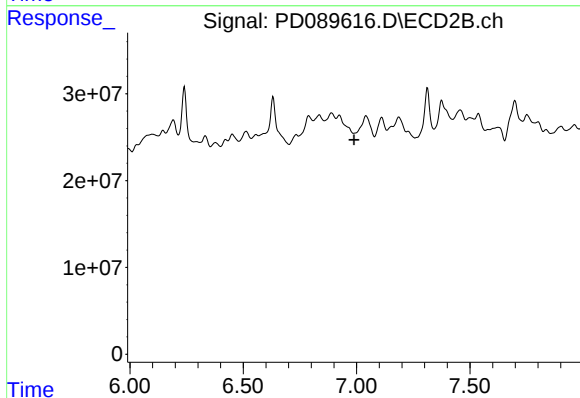
R.T.: 6.452 min  
Delta R.T.: -0.028 min  
Response: 16869948  
Conc: 0.76 ng/ml



#21 Endrin ketone

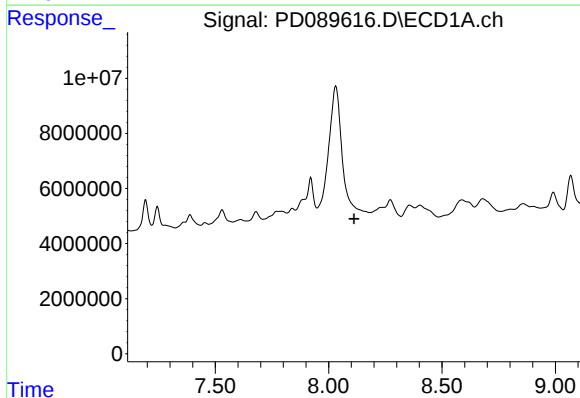
R.T.: 7.613 min  
Delta R.T.: -0.015 min  
Response: 585483  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



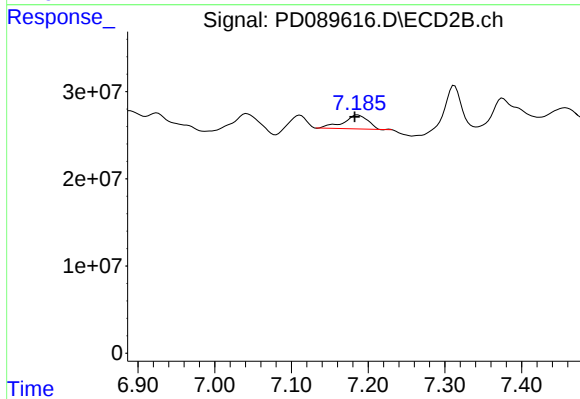
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.989 min  
Response: 0  
Conc: N.D.



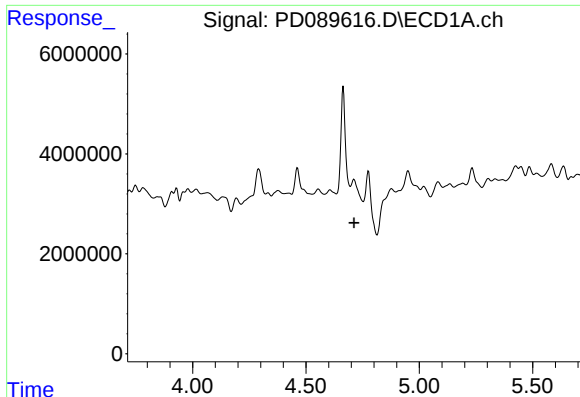
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.112 min  
Response: 0  
Conc: N.D.



#22 Mirex

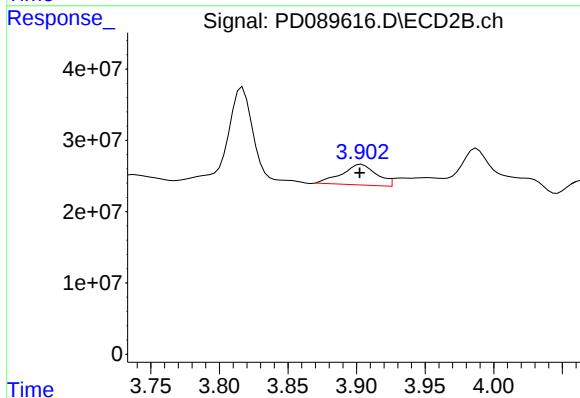
R.T.: 7.187 min  
Delta R.T.: 0.004 min  
Response: 35605715  
Conc: 1.84 ng/ml



#23 Chlordane-1

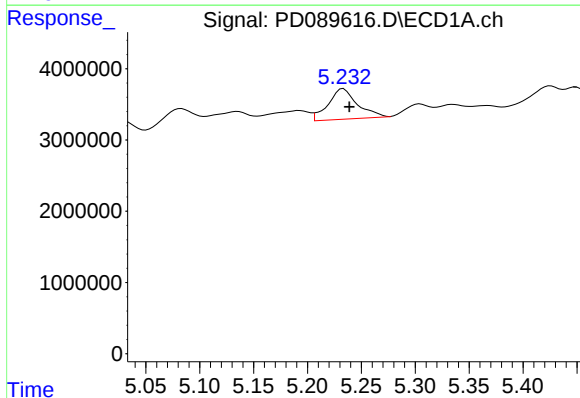
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: -16997857  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



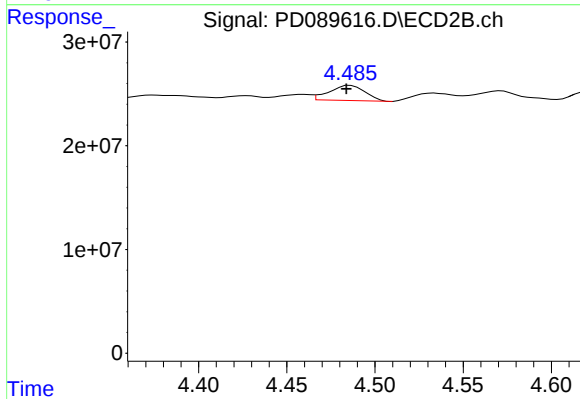
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: 0.001 min  
Response: 51233068  
Conc: 55.17 ng/ml



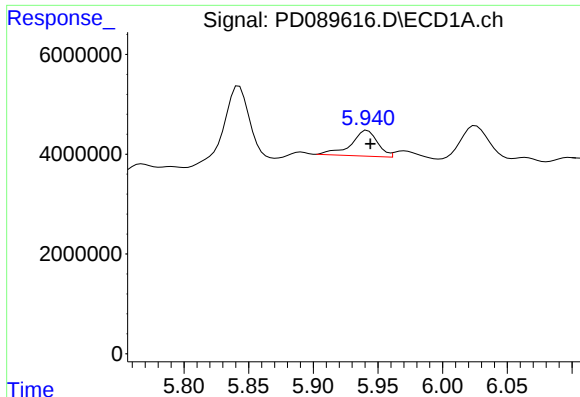
#24 Chlordane-2

R.T.: 5.233 min  
Delta R.T.: -0.006 min  
Response: 8042431  
Conc: 39.99 ng/ml



#24 Chlordane-2

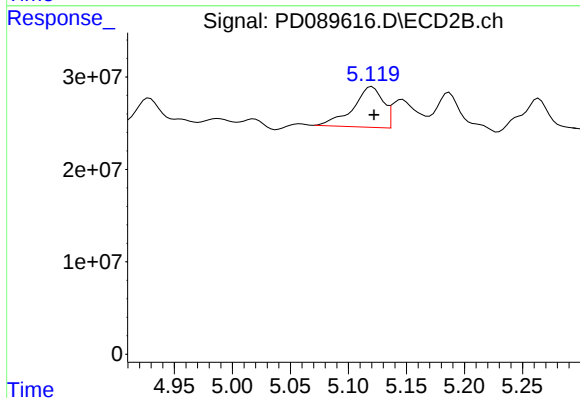
R.T.: 4.486 min  
Delta R.T.: 0.002 min  
Response: 20663328  
Conc: 21.08 ng/ml



#25 Chlordane-3

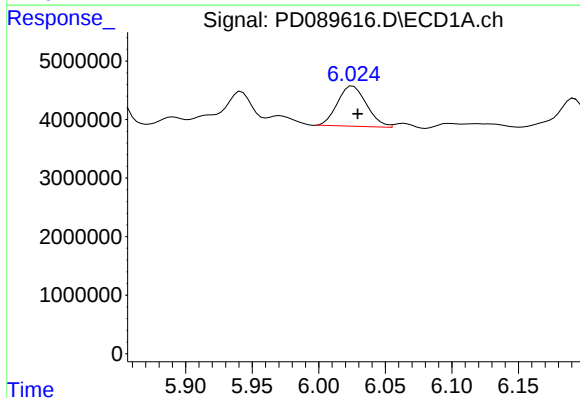
R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 7421261  
Conc: 9.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



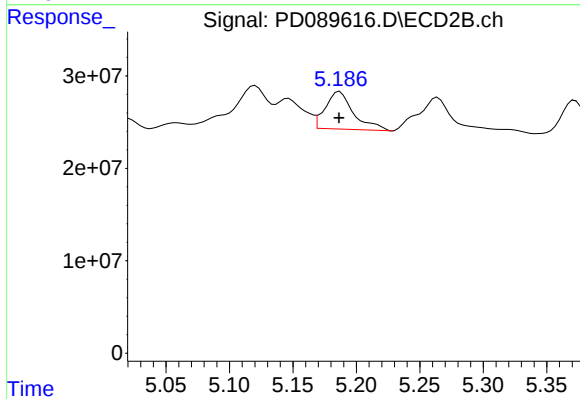
#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 79163834  
Conc: 27.42 ng/ml



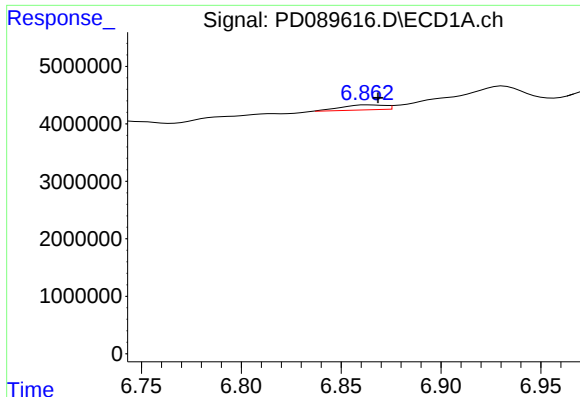
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.004 min  
Response: 10465344  
Conc: 11.02 ng/ml



#26 Chlordane-4

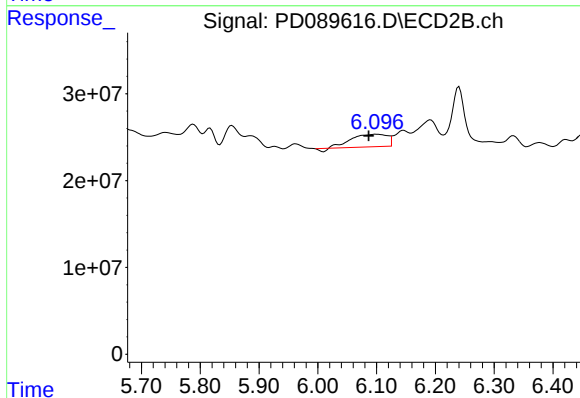
R.T.: 5.187 min  
Delta R.T.: 0.000 min  
Response: 63040424  
Conc: 26.13 ng/ml



#27 Chlordane-5

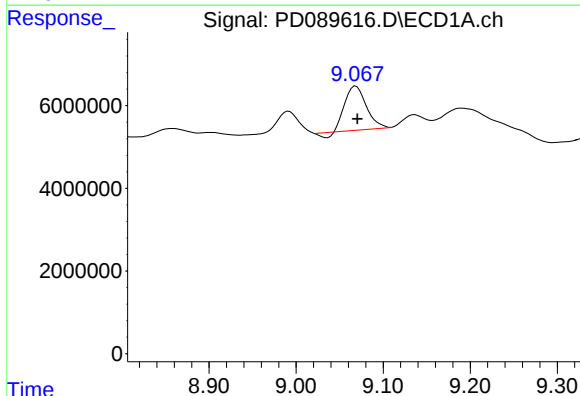
R.T.: 6.863 min  
Delta R.T.: -0.005 min  
Response: 1309008  
Conc: 7.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-42-071725



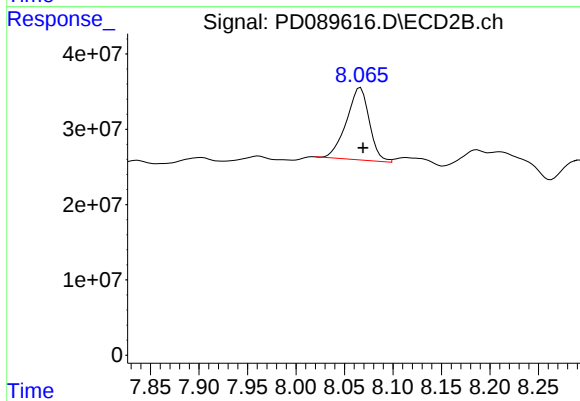
#27 Chlordane-5

R.T.: 6.100 min  
Delta R.T.: 0.013 min  
Response: 60320419  
Conc: 51.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.002 min  
Response: 17535893  
Conc: 4.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.003 min  
Response: 157229837  
Conc: 6.40 ng/ml