

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080825\  
 Data File : PD089797.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2025 12:48  
 Operator : AR\AJ  
 Sample : Q2783-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 23:16:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.547  | 2.878  | 28652333 | 258.9E6  | 11.616 | 16.345 #  |
| 2)                          | SA Decachlor... | 9.067  | 8.065  | 48250810 | 176.4E6  | 12.984 | 8.784 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.408f | 0        | 7230856  | N.D.   | 0.298 #   |
| 3)                          | MA gamma-BHC... | 4.332  | 0.000  | 3674025  | 0        | 0.773  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.950f | 4.098f | 1802470  | 5843125  | 0.375  | 0.252 #   |
| 5)                          | MB Aldrin       | 5.249f | 4.357  | 2285912  | 45413754 | 0.501  | 2.041 #   |
| 6)                          | B beta-BHC      | 4.541f | 0.000  | 3423717  | 0        | 1.856  | N.D. #    |
| 7)                          | B delta-BHC     | 4.775  | 4.241f | 1212241  | 7886734  | 0.264  | 0.347 #   |
| 8)                          | B Heptachlo...  | 5.684  | 4.861  | -354437  | 28835915 | N.D.   | 1.403     |
| 9)                          | A Endosulfan I  | 6.100f | 5.256  | 710351   | 26001133 | 0.179  | 1.330 #   |
| 10)                         | B gamma-Chl...  | 5.937  | 5.116  | 1027068  | 86514832 | 0.246  | 3.995 #   |
| 11)                         | B alpha-Chl...  | 6.025  | 5.184  | 1966504  | 73500438 | 0.468  | 3.530 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.384  | 0        | 11850616 | N.D.   | 0.561 #   |
| 13)                         | MA Dieldrin     | 6.348  | 5.508  | -82277   | 56143120 | N.D.   | 2.595     |
| 14)                         | MA Endrin       | 0.000  | 5.787  | 0        | 20270294 | N.D.   | 1.017 #   |
| 15)                         | B Endosulfa...  | 6.778  | 6.072  | 1792905  | 21782497 | 0.489  | 1.159 #   |
| 16)                         | A 4,4'-DDD      | 6.691  | 5.913  | 437266   | 13735802 | 0.146  | 0.779 #   |
| 17)                         | MA 4,4'-DDT     | 7.016  | 6.174  | 1081889  | 13978615 | 0.322  | 0.761 #   |
| 18)                         | B Endrin al...  | 6.894f | 0.000  | 478654   | 0        | 0.192  | N.D. #    |
| 19)                         | B Endosulfa...  | 7.137  | 6.479  | 448165   | -834070  | 0.129  | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.768f | 0        | 3380836  | N.D.   | 0.345 #   |
| 21)                         | B Endrin ke...  | 7.613f | 0.000  | 540486   | 0        | 0.146  | N.D. #    |
| 23)                         | Chlordane-1     | 0.000  | 3.894  | 0        | 98783138 | N.D.   | 135.061 # |
| 24)                         | Chlordane-2     | 5.249  | 4.446f | 2285912  | 27028886 | 13.453 | 35.361 #  |
| 25)                         | Chlordane-3     | 5.937  | 5.116  | 1027068  | 86514832 | 1.498  | 37.383 #  |
| 26)                         | Chlordane-4     | 6.025  | 5.184  | 1966504  | 73500438 | 2.349  | 36.944 #  |
| 27)                         | Chlordane-5     | 6.894f | 6.072  | 478654   | 21782497 | 3.318  | 24.077 #  |
| -----                       |                 |        |        |          |          |        |           |

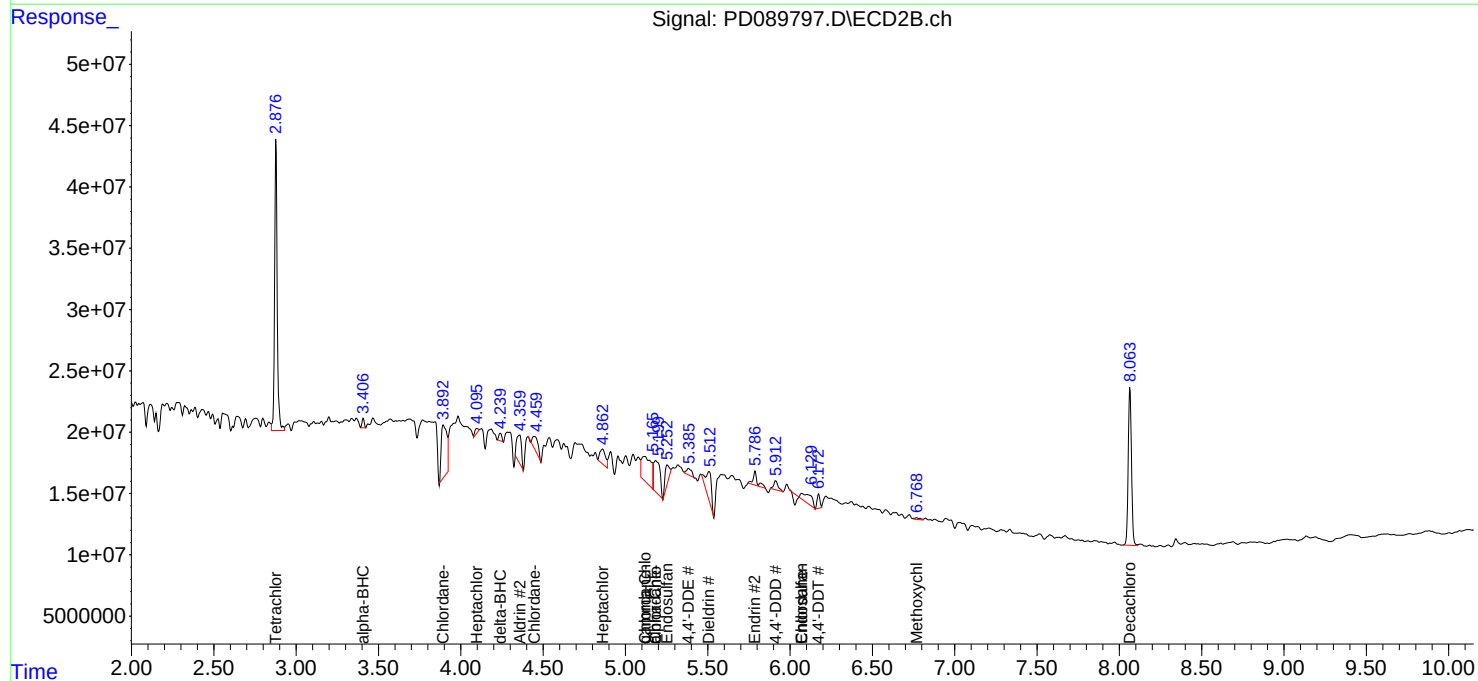
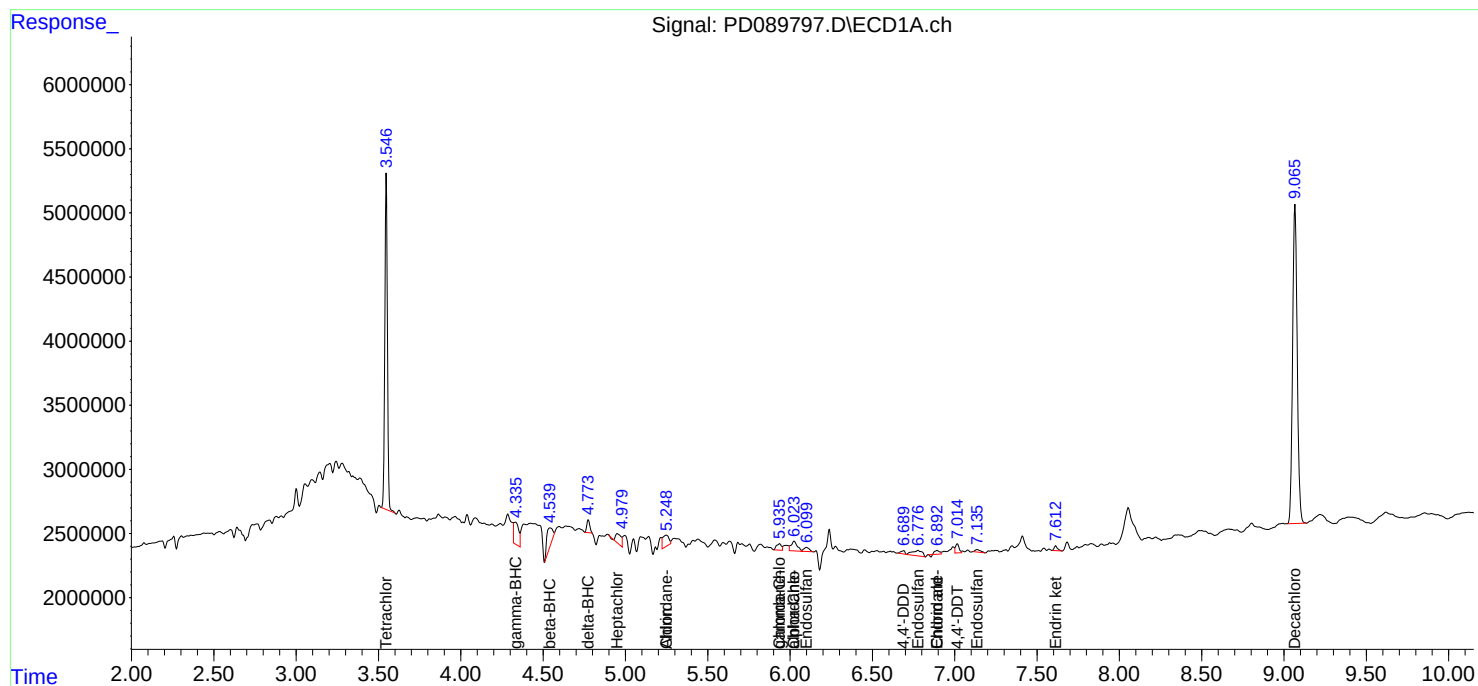
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

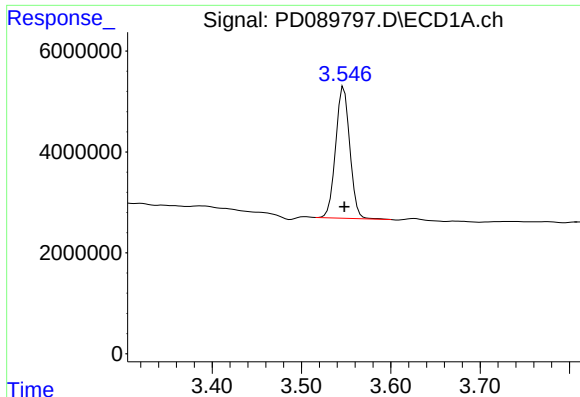
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080825\  
Data File : PD089797.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2025 12:48  
Operator : AR\AJ  
Sample : Q2783-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 23:16:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 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

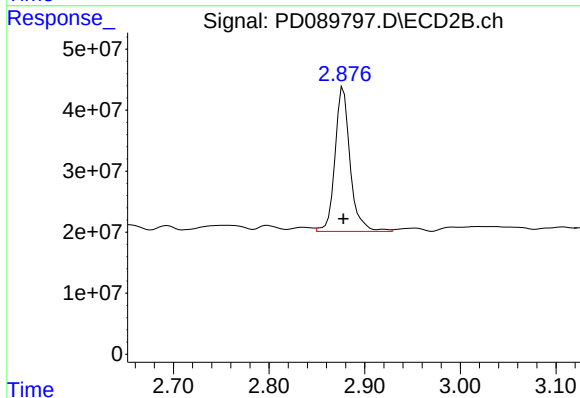




#1 Tetrachloro-m-xylene

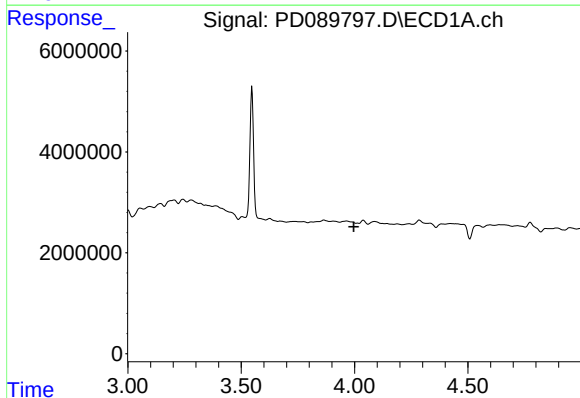
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 28652333  
Conc: 11.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



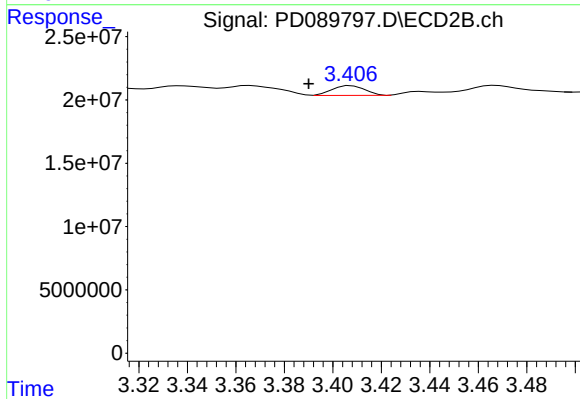
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 258865790  
Conc: 16.34 ng/ml



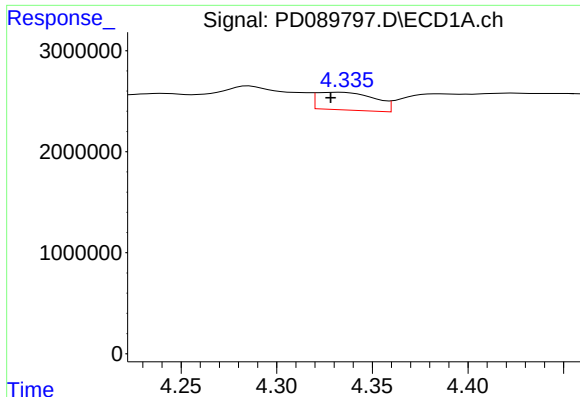
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.997 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

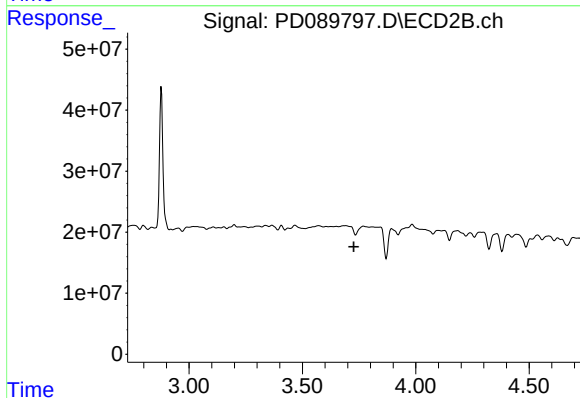
R.T.: 3.408 min  
Delta R.T.: 0.018 min  
Response: 7230856  
Conc: 0.30 ng/ml



#3 gamma-BHC (Lindane)

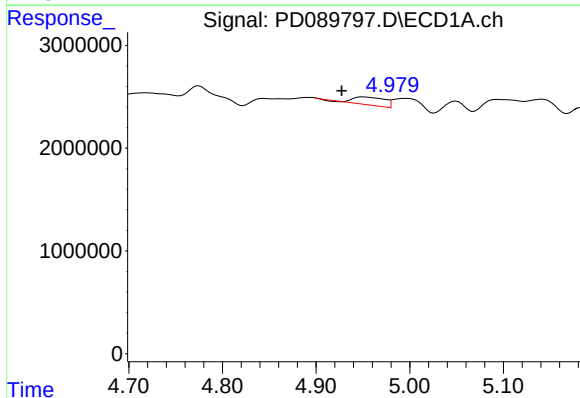
R.T.: 4.332 min  
Delta R.T.: 0.004 min  
Response: 3674025  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



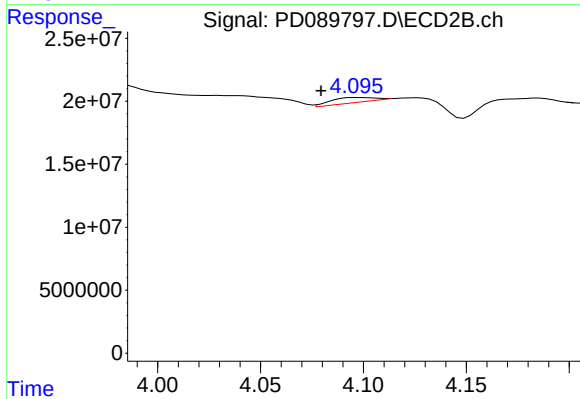
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.726 min  
Response: 0  
Conc: N.D.



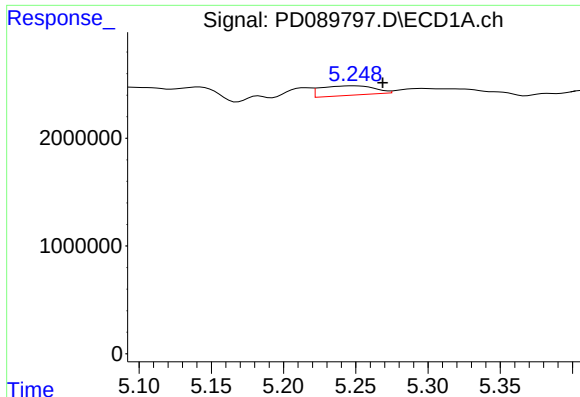
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.023 min  
Response: 1802470  
Conc: 0.37 ng/ml



#4 Heptachlor

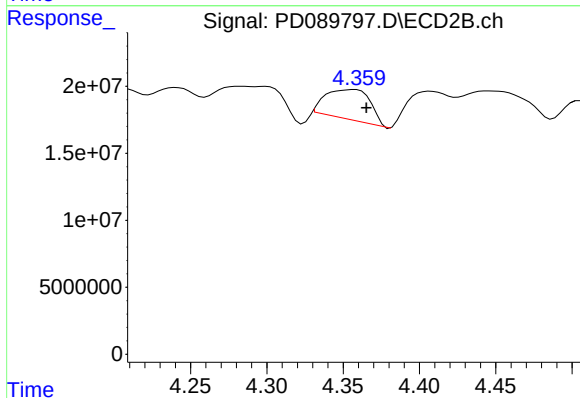
R.T.: 4.098 min  
Delta R.T.: 0.018 min  
Response: 5843125  
Conc: 0.25 ng/ml



#5 Aldrin

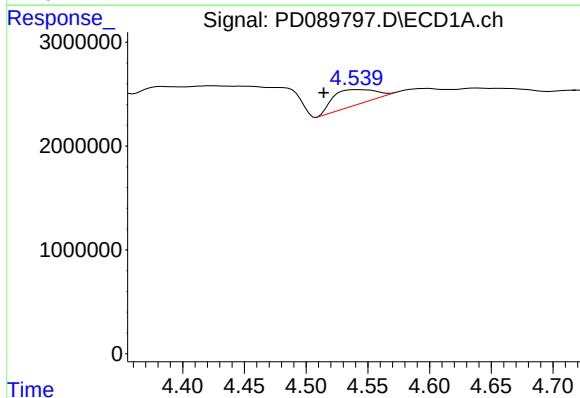
R.T.: 5.249 min  
Delta R.T.: -0.020 min  
Response: 2285912  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



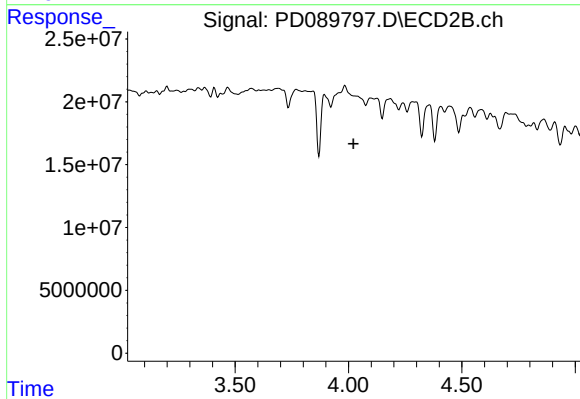
#5 Aldrin

R.T.: 4.357 min  
Delta R.T.: -0.008 min  
Response: 45413754  
Conc: 2.04 ng/ml



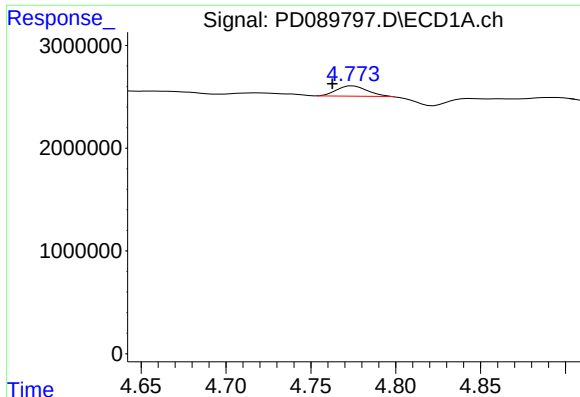
#6 beta-BHC

R.T.: 4.541 min  
Delta R.T.: 0.027 min  
Response: 3423717  
Conc: 1.86 ng/ml



#6 beta-BHC

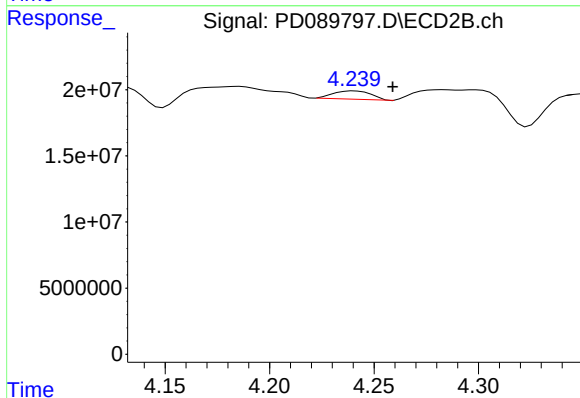
R.T.: 0.000 min  
Exp R.T. : 4.022 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

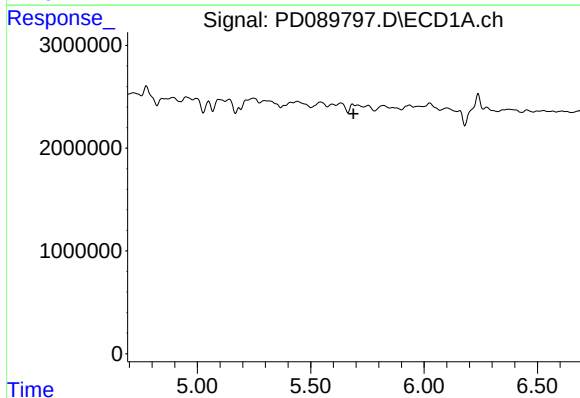
R.T.: 4.775 min  
Delta R.T.: 0.012 min  
Response: 1212241  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



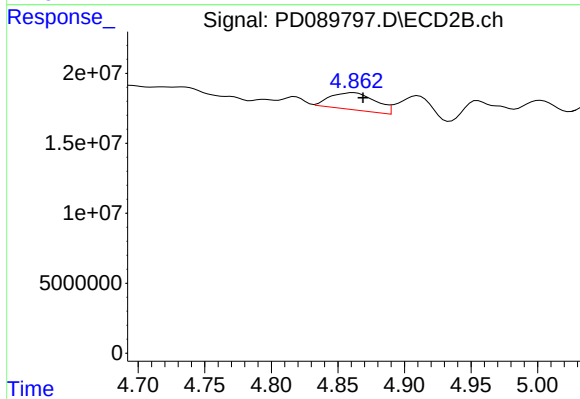
#7 delta-BHC

R.T.: 4.241 min  
Delta R.T.: -0.018 min  
Response: 7886734  
Conc: 0.35 ng/ml



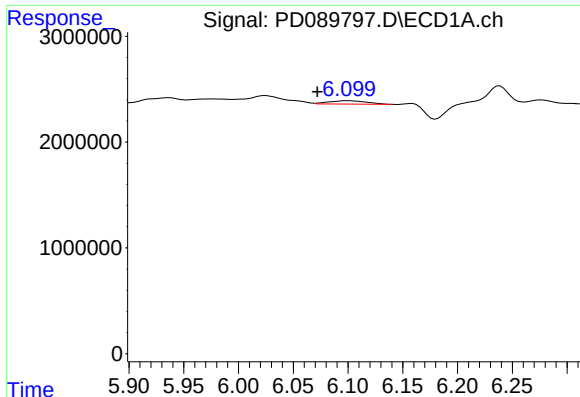
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.005 min  
Response: -354437  
Conc: N.D.



#8 Heptachlor epoxide

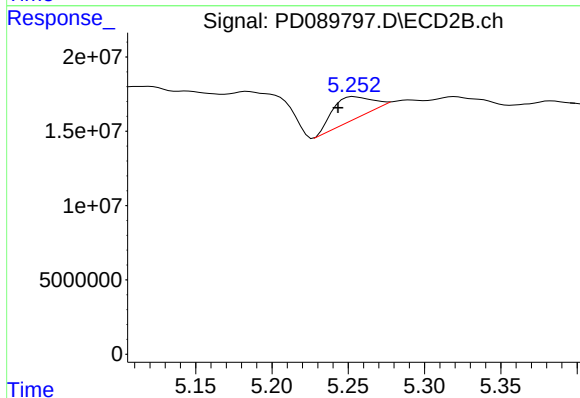
R.T.: 4.861 min  
Delta R.T.: -0.008 min  
Response: 28835915  
Conc: 1.40 ng/ml



#9 Endosulfan I

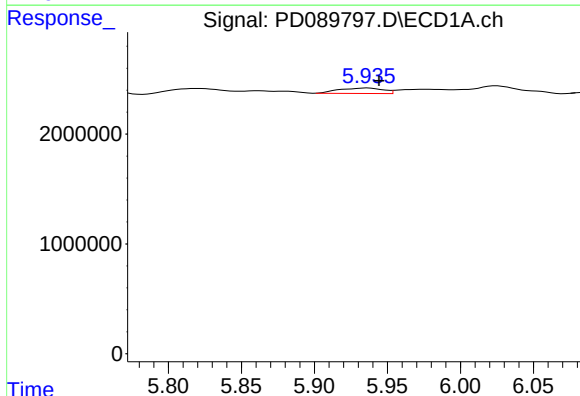
R.T.: 6.100 min  
Delta R.T.: 0.028 min  
Response: 710351  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



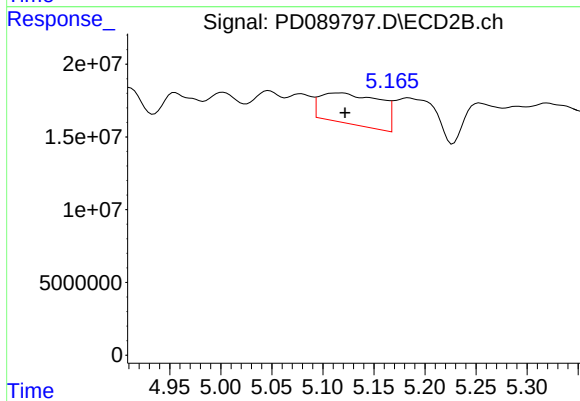
#9 Endosulfan I

R.T.: 5.256 min  
Delta R.T.: 0.012 min  
Response: 26001133  
Conc: 1.33 ng/ml



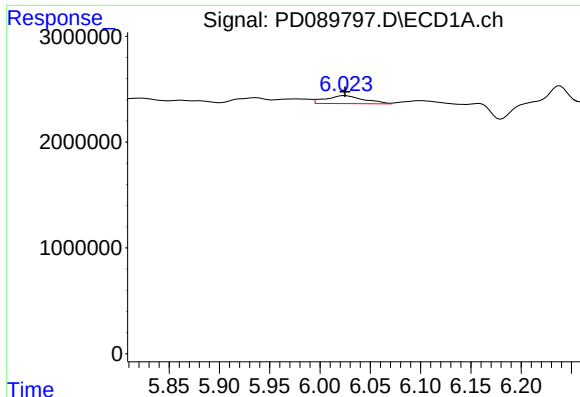
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: -0.008 min  
Response: 1027068  
Conc: 0.25 ng/ml



#10 gamma-Chlordane

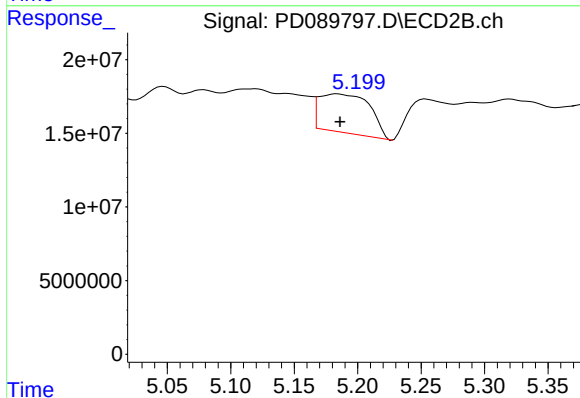
R.T.: 5.116 min  
Delta R.T.: -0.006 min  
Response: 86514832  
Conc: 4.00 ng/ml



#11 alpha-Chlordane

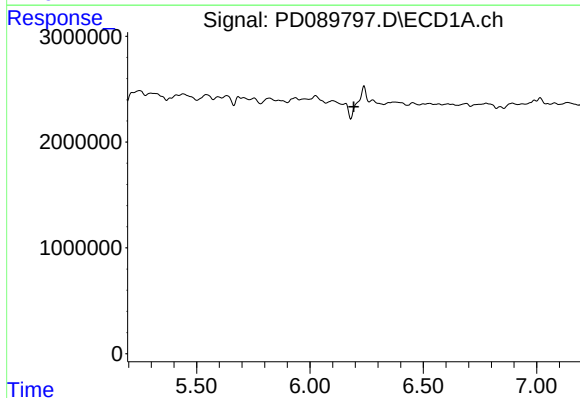
R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 1966504  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



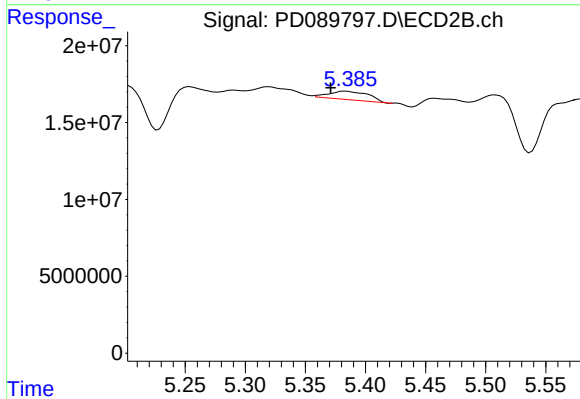
#11 alpha-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 73500438  
Conc: 3.53 ng/ml



#12 4,4'-DDE

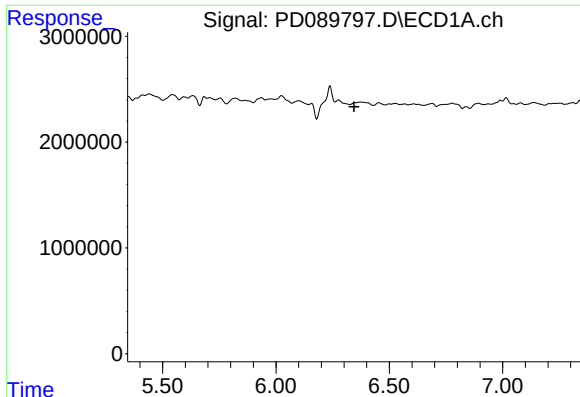
R.T.: 0.000 min  
Exp R.T. : 6.194 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.384 min  
Delta R.T.: 0.013 min  
Response: 11850616  
Conc: 0.56 ng/ml

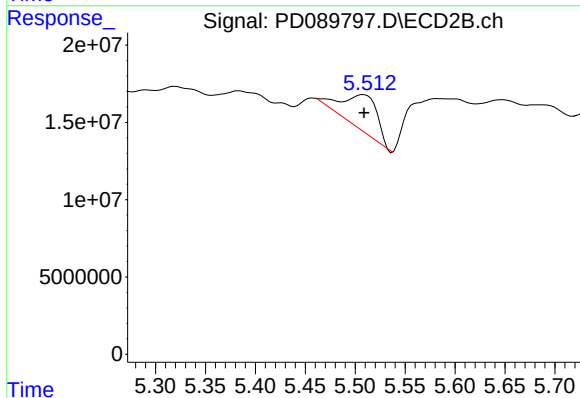




#13 Dieldrin

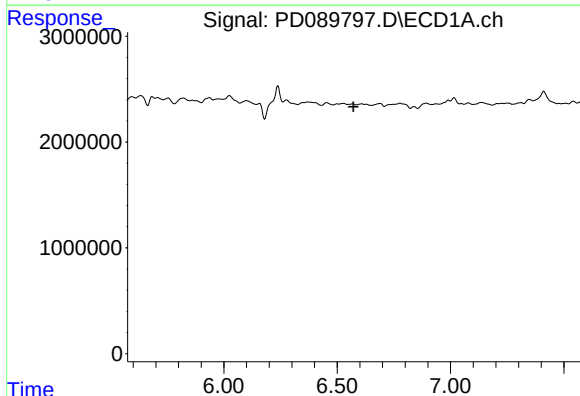
R.T.: 6.348 min  
Delta R.T.: 0.003 min  
Response: -82277  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



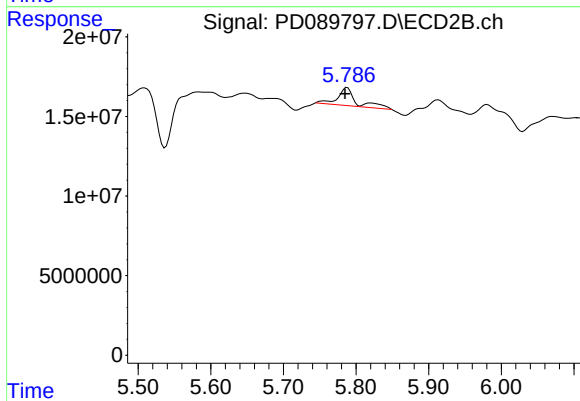
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: -0.001 min  
Response: 56143120  
Conc: 2.59 ng/ml



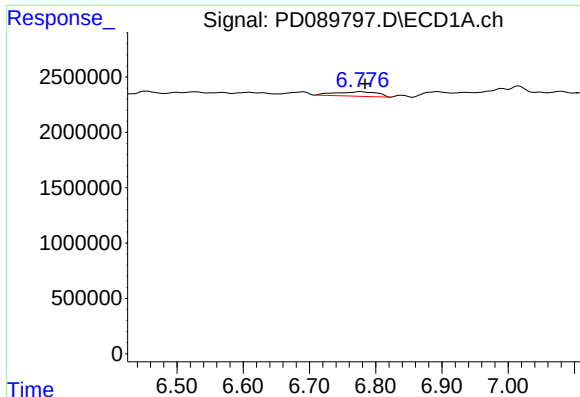
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.572 min  
Response: 0  
Conc: N.D.



#14 Endrin

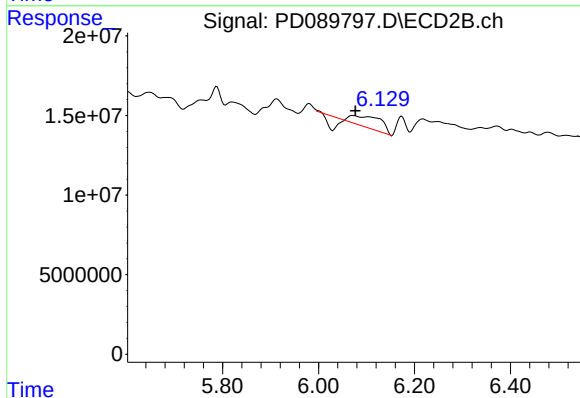
R.T.: 5.787 min  
Delta R.T.: 0.002 min  
Response: 20270294  
Conc: 1.02 ng/ml



#15 Endosulfan II

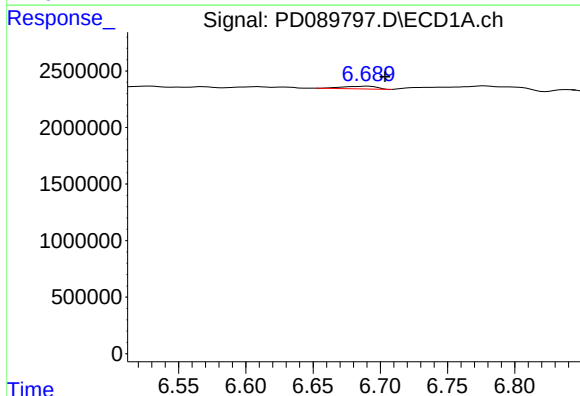
R.T.: 6.778 min  
Delta R.T.: -0.006 min  
Response: 1792905  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



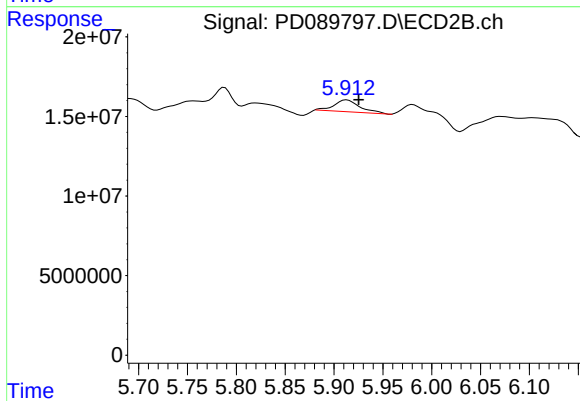
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 21782497  
Conc: 1.16 ng/ml



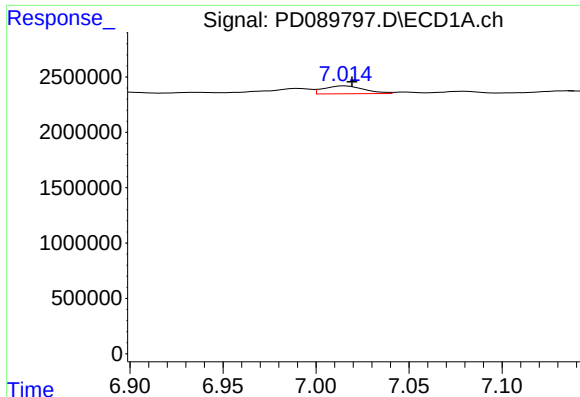
#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.013 min  
Response: 437266  
Conc: 0.15 ng/ml



#16 4,4'-DDD

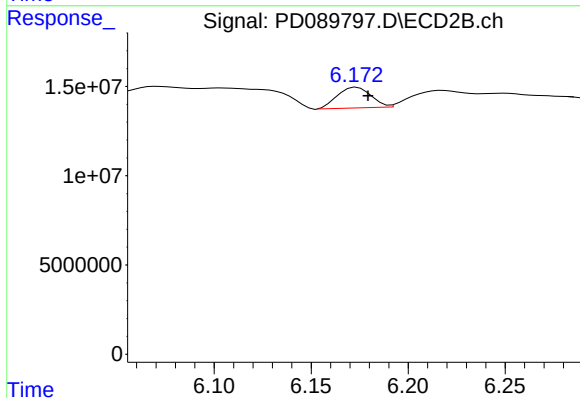
R.T.: 5.913 min  
Delta R.T.: -0.012 min  
Response: 13735802  
Conc: 0.78 ng/ml



#17 4,4'-DDT

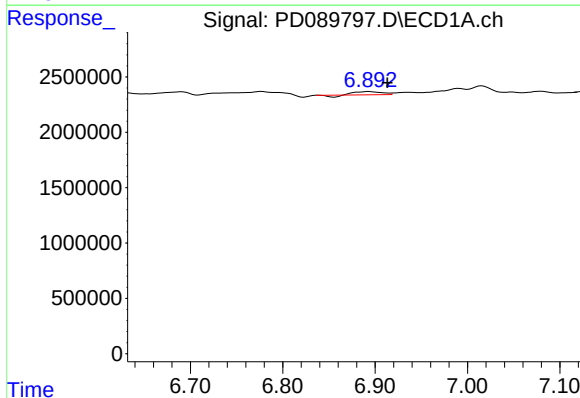
R.T.: 7.016 min  
Delta R.T.: -0.004 min  
Response: 1081889  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



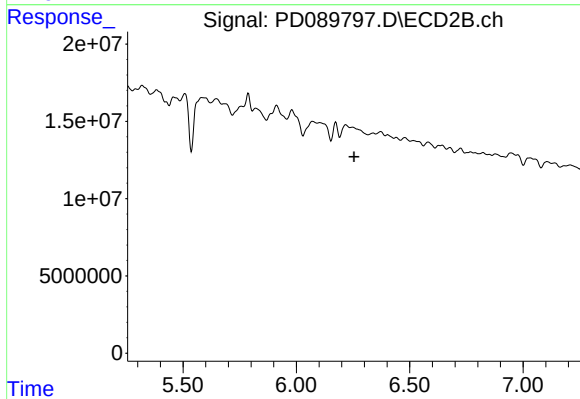
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.006 min  
Response: 13978615  
Conc: 0.76 ng/ml



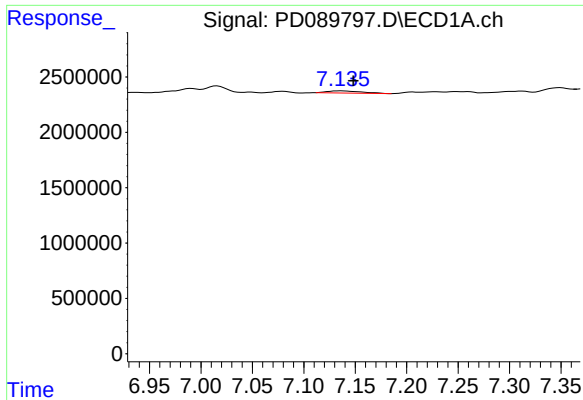
#18 Endrin aldehyde

R.T.: 6.894 min  
Delta R.T.: -0.020 min  
Response: 478654  
Conc: 0.19 ng/ml



#18 Endrin aldehyde

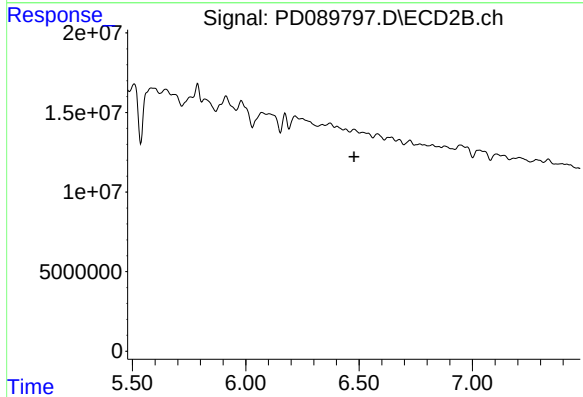
R.T.: 0.000 min  
Exp R.T. : 6.255 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

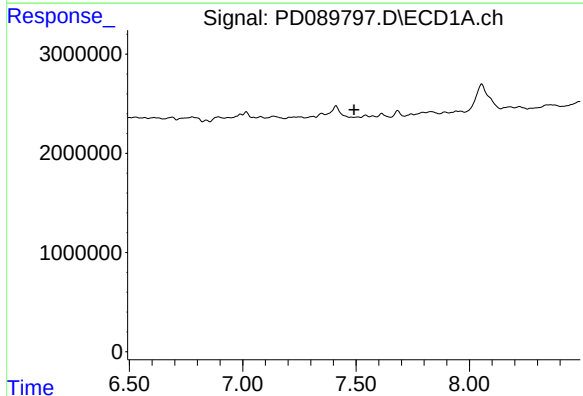
R.T.: 7.137 min  
Delta R.T.: -0.011 min  
Response: 448165  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



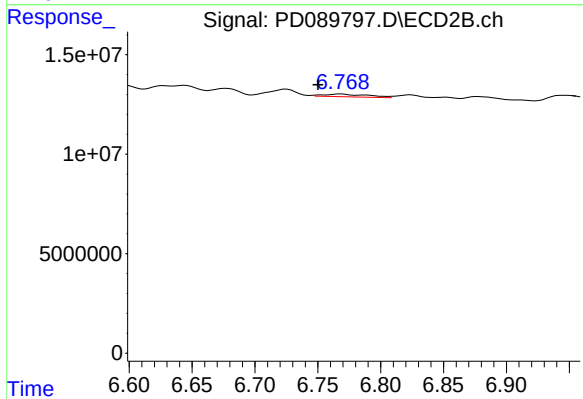
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: 0.000 min  
Response: -834070  
Conc: N.D.



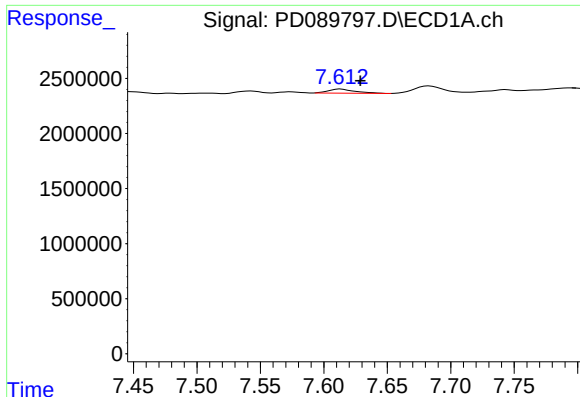
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.492 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

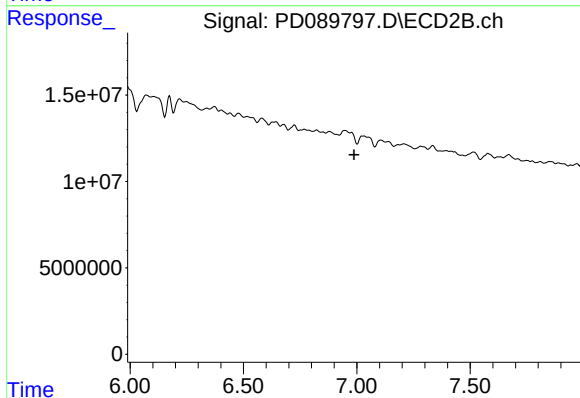
R.T.: 6.768 min  
Delta R.T.: 0.018 min  
Response: 3380836  
Conc: 0.35 ng/ml



#21 Endrin ketone

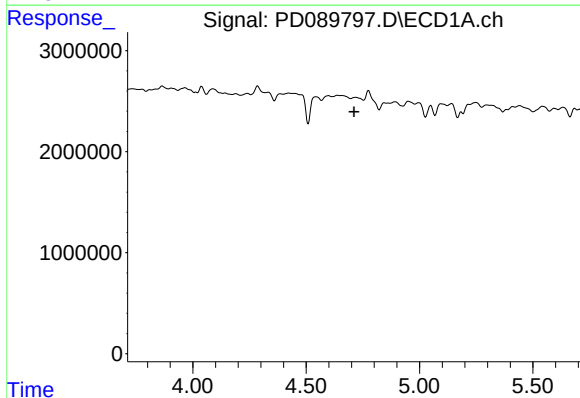
R.T.: 7.613 min  
Delta R.T.: -0.016 min  
Response: 540486  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



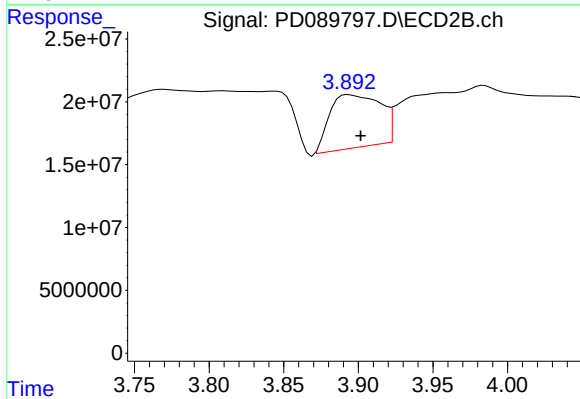
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.988 min  
Response: 0  
Conc: N.D.



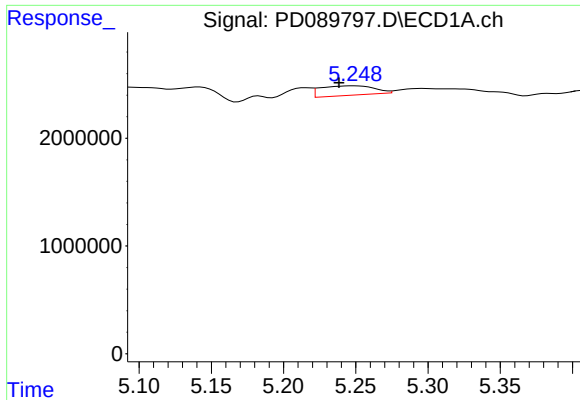
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.712 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

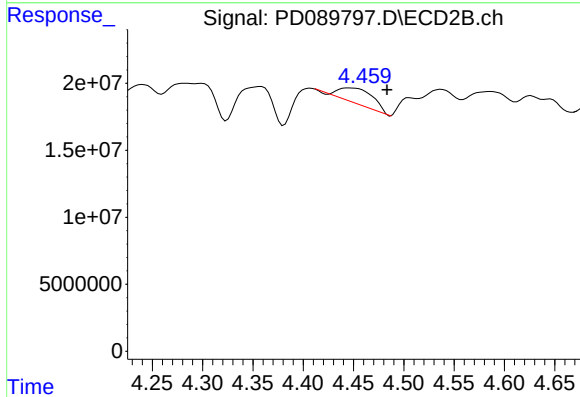
R.T.: 3.894 min  
Delta R.T.: -0.008 min  
Response: 98783138  
Conc: 135.06 ng/ml



#24 Chlordane-2

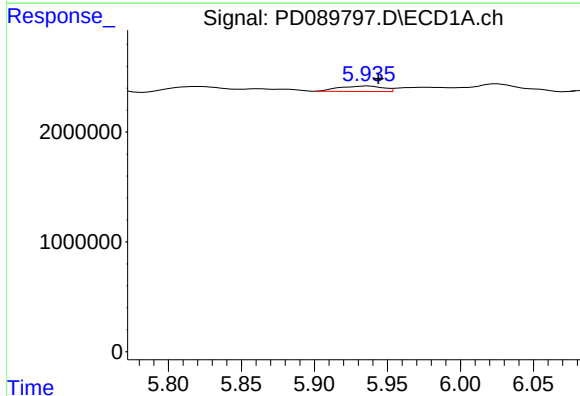
R.T.: 5.249 min  
Delta R.T.: 0.010 min  
Response: 2285912  
Conc: 13.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



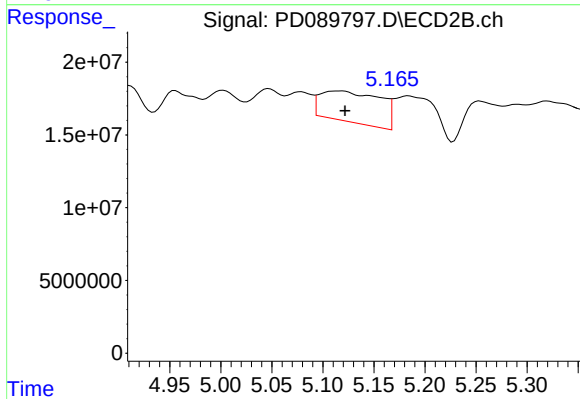
#24 Chlordane-2

R.T.: 4.446 min  
Delta R.T.: -0.038 min  
Response: 27028886  
Conc: 35.36 ng/ml



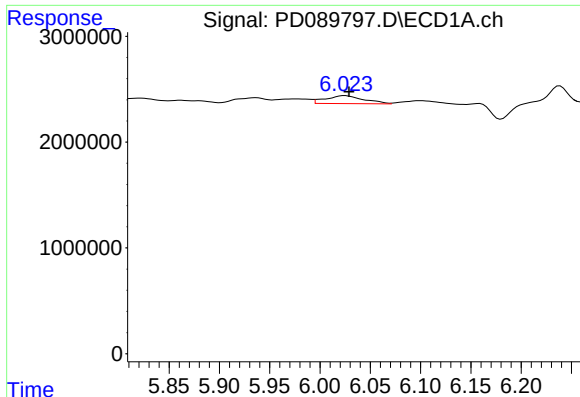
#25 Chlordane-3

R.T.: 5.937 min  
Delta R.T.: -0.007 min  
Response: 1027068  
Conc: 1.50 ng/ml



#25 Chlordane-3

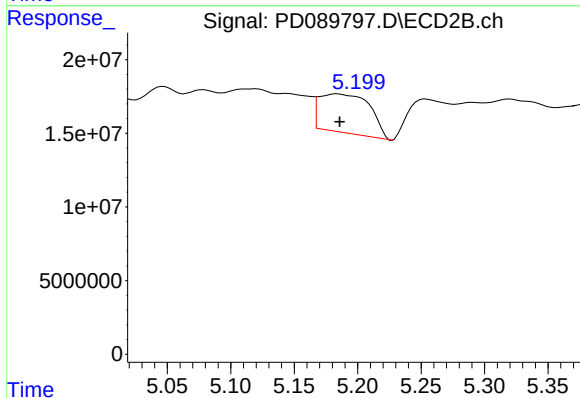
R.T.: 5.116 min  
Delta R.T.: -0.006 min  
Response: 86514832  
Conc: 37.38 ng/ml



#26 Chlordane-4

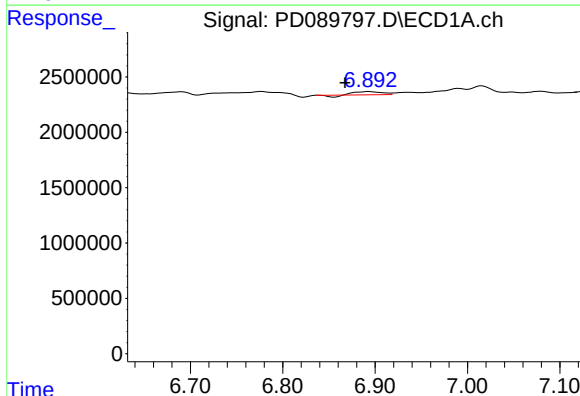
R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 1966504  
Conc: 2.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



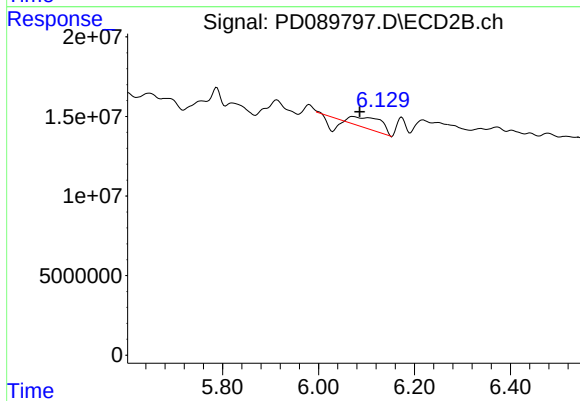
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 73500438  
Conc: 36.94 ng/ml



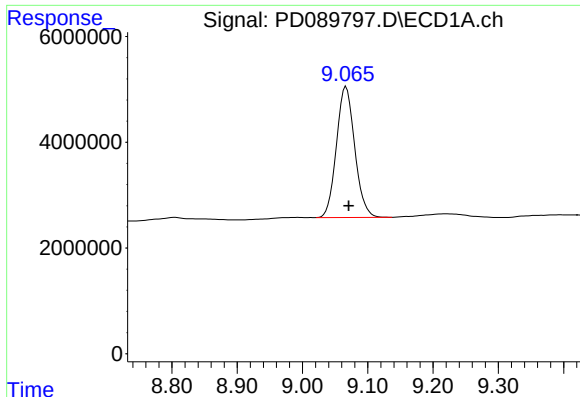
#27 Chlordane-5

R.T.: 6.894 min  
Delta R.T.: 0.026 min  
Response: 478654  
Conc: 3.32 ng/ml



#27 Chlordane-5

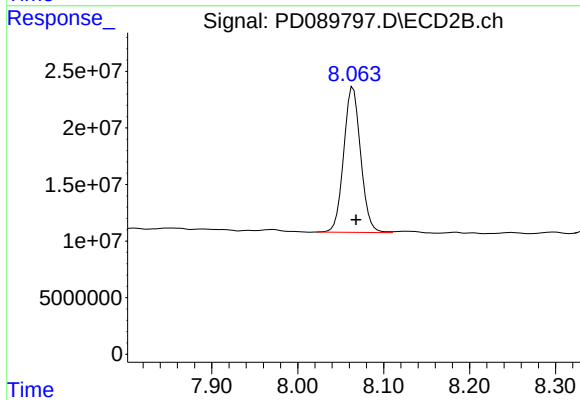
R.T.: 6.072 min  
Delta R.T.: -0.013 min  
Response: 21782497  
Conc: 24.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: -0.004 min  
Response: 48250810  
Conc: 12.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: -0.003 min  
Response: 176357184  
Conc: 8.78 ng/ml