

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
 Data File : PD089617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2025 20:05  
 Operator : AR\AJ  
 Sample : Q2639-11  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OU4-TS-43-071725

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 02:15:05 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  | 31882280 | 545.6E6  | 11.065 | 27.883 # |
| 28)                         | SA Decachlor... | 9.069  | 8.065  | 17767467 | 159.3E6  | 4.326  | 6.485 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.981f | 3.414f | 415907   | 162.9E6  | 0.073  | 5.421 #  |
| 3)                          | MA gamma-BHC... | 4.333  | 3.737  | 3543662  | 9713904  | 0.642  | 0.350 #  |
| 4)                          | MA Heptachlor   | 4.950f | 4.072  | 7728656  | 16462532 | 1.417  | 0.588 #  |
| 6)                          | B beta-BHC      | 4.515  | 0.000  | 972933   | 0        | 0.451  | N.D. #   |
| 7)                          | B delta-BHC     | 4.775  | 4.268  | 8395293  | 11752177 | 1.588  | 0.421 #  |
| 8)                          | B Heptachlo...  | 5.696  | 4.867  | 6177502  | 7751992  | 1.308  | 0.312 #  |
| 9)                          | A Endosulfan I  | 6.064  | 5.264f | 669211   | 51313572 | 0.151  | 2.161 #  |
| 10)                         | B gamma-Chl...  | 5.941  | 5.120  | 7473934  | 86625792 | 1.576  | 3.238 #  |
| 11)                         | B alpha-Chl...  | 6.025  | 5.186  | 12156520 | 65495781 | 2.550  | 2.539    |
| 12)                         | B 4,4'-DDE      | 6.191  | 5.372  | 6401842  | 41796713 | 1.491  | 1.592    |
| 13)                         | MA Dieldrin     | 6.346  | 5.507  | 2679506  | 35691848 | 0.568  | 1.351 #  |
| 14)                         | MA Endrin       | 6.578  | 5.787  | 5637455  | 8111479  | 1.384  | 0.335 #  |
| 15)                         | B Endosulfa...  | 6.755f | 6.076  | 13627    | 33525302 | 0.003  | 1.460 #  |
| 16)                         | A 4,4'-DDD      | 6.687f | 5.928  | 1346844  | -2795238 | 0.397  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.022  | 6.192  | 1406385  | 76719453 | 0.373  | 3.278 #  |
| 18)                         | B Endrin al...  | 6.930f | 6.239f | 9093275  | 110.3E6  | 3.119  | 6.647 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.454f | 0        | 32009369 | N.D.   | 1.442 #  |
| 21)                         | B Endrin ke...  | 7.615  | 0.000  | 602943   | 0        | 0.150  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.182  | 0        | 27042836 | N.D.   | 1.399 #  |
| 24)                         | Chlordane-2     | 5.232  | 4.486  | 14992558 | 17158950 | 74.557 | 17.505 # |
| 25)                         | Chlordane-3     | 5.941  | 5.120  | 7473934  | 86625792 | 9.592  | 30.005 # |
| 26)                         | Chlordane-4     | 6.025  | 5.186  | 12156520 | 65495781 | 12.807 | 27.152 # |
| 27)                         | Chlordane-5     | 6.865  | 6.076  | 779678   | 33525302 | 4.728  | 28.692 # |
| -----                       |                 |        |        |          |          |        |          |

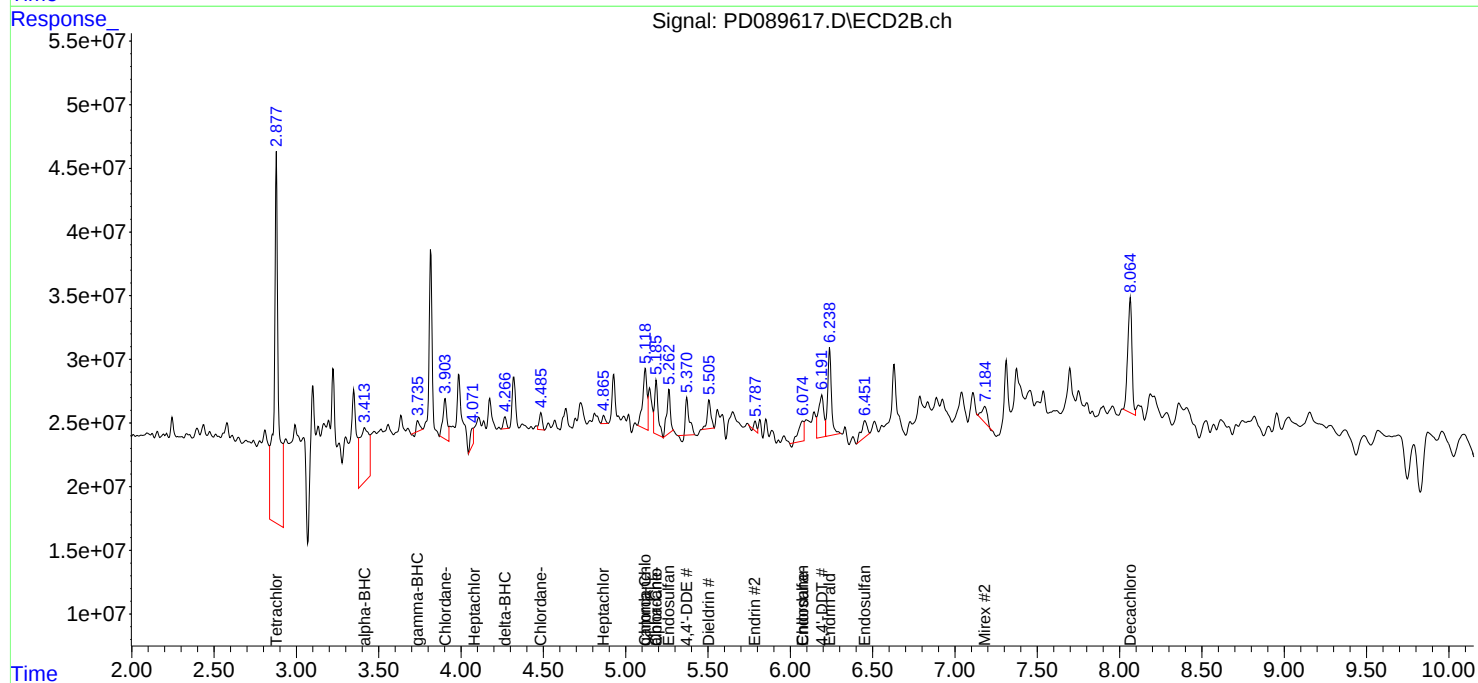
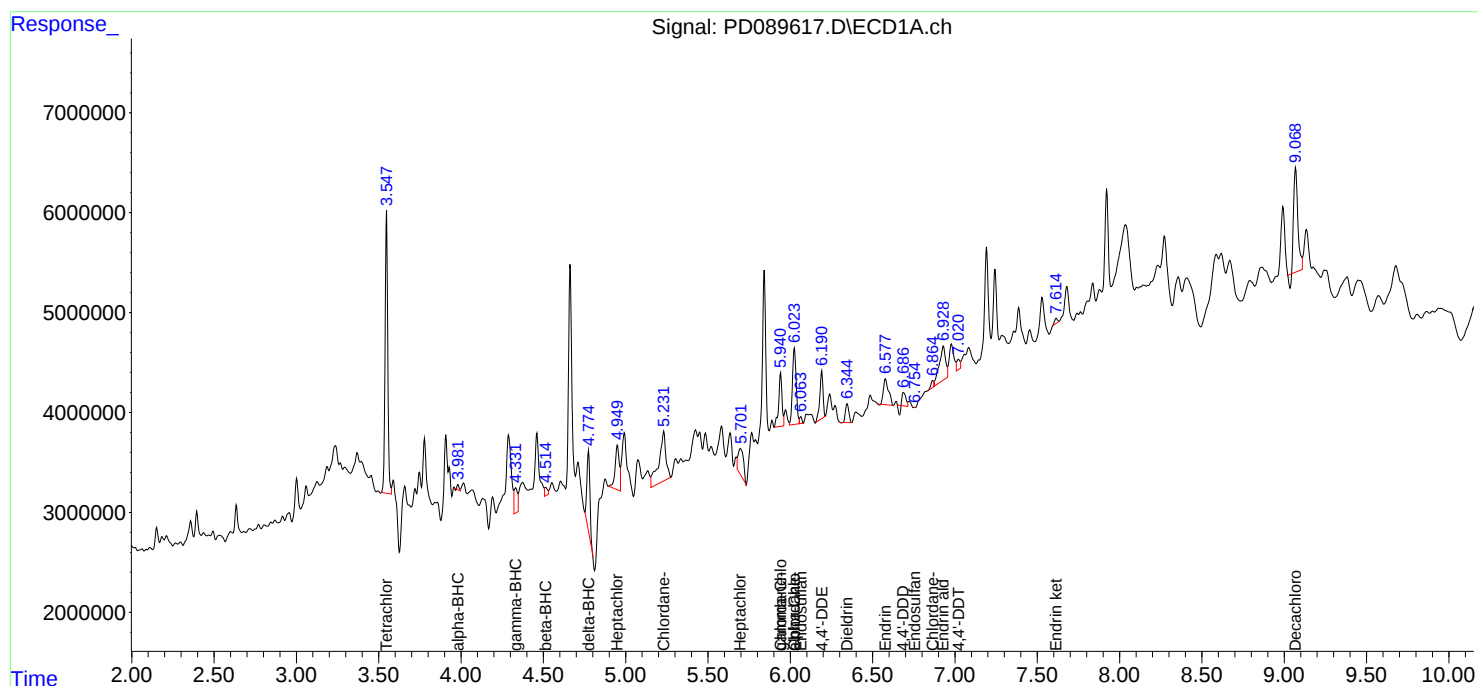
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

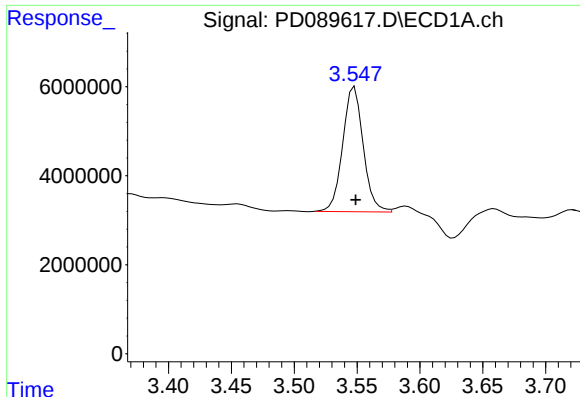
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
Data File : PD089617.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2025 20:05  
Operator : AR\AJ  
Sample : Q2639-11  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 02:15:05 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

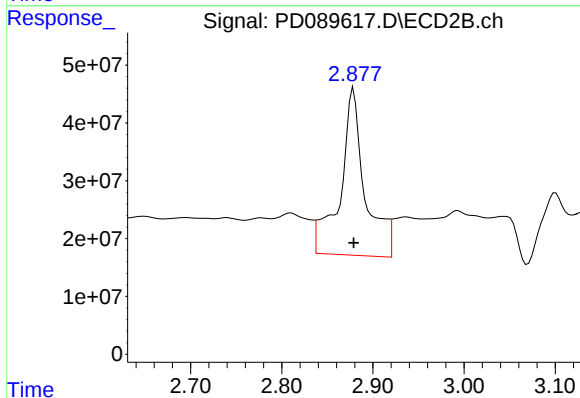




#1 Tetrachloro-m-xylene

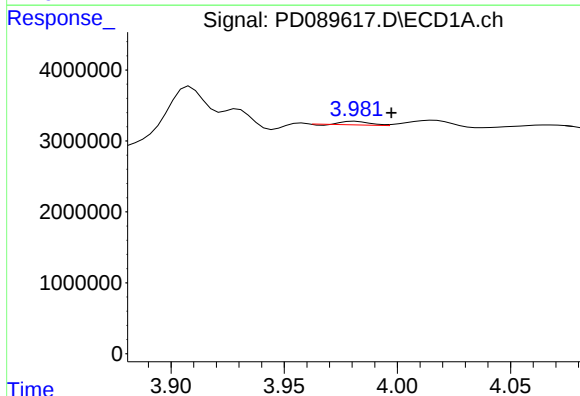
R.T.: 3.548 min  
Delta R.T.: -0.001 min  
Response: 31882280  
Conc: 11.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



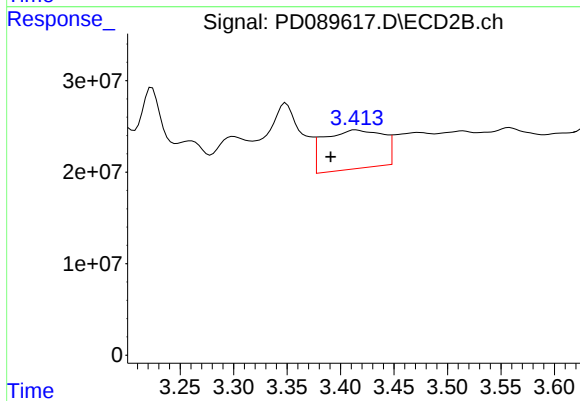
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.000 min  
Response: 545563243  
Conc: 27.88 ng/ml



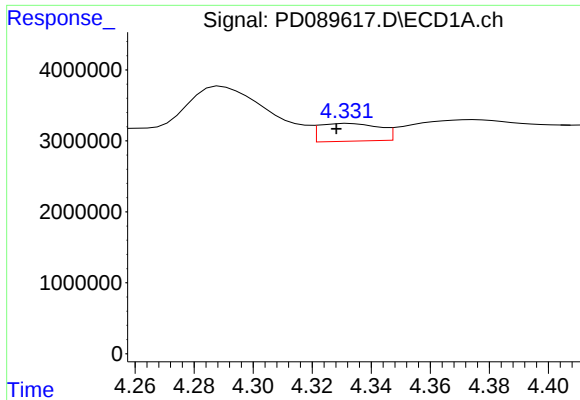
#2 alpha-BHC

R.T.: 3.981 min  
Delta R.T.: -0.016 min  
Response: 415907  
Conc: 0.07 ng/ml



#2 alpha-BHC

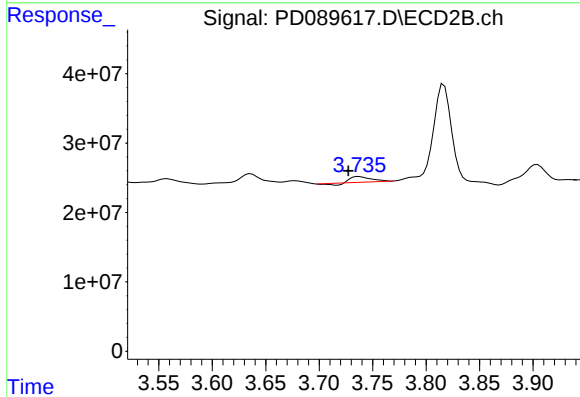
R.T.: 3.414 min  
Delta R.T.: 0.023 min  
Response: 162882575  
Conc: 5.42 ng/ml



#3 gamma-BHC (Lindane)

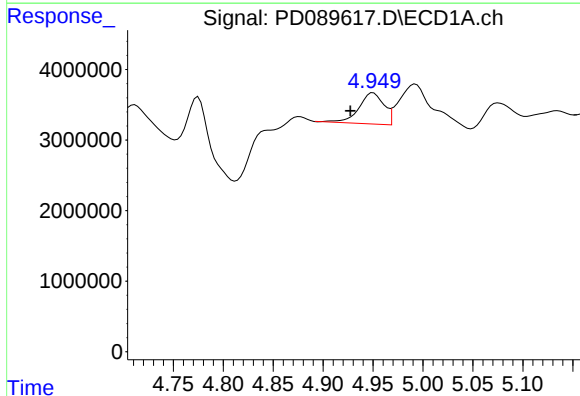
R.T.: 4.333 min  
Delta R.T.: 0.004 min  
Response: 3543662  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



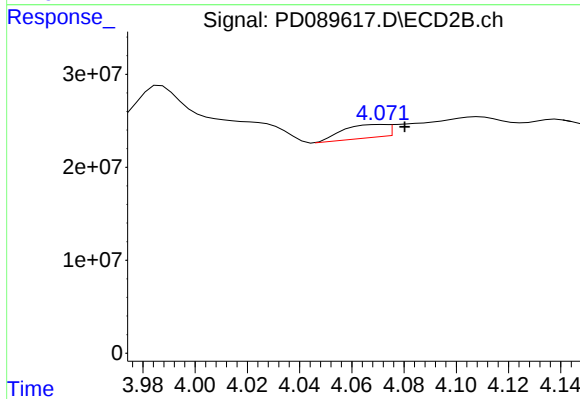
#3 gamma-BHC (Lindane)

R.T.: 3.737 min  
Delta R.T.: 0.010 min  
Response: 9713904  
Conc: 0.35 ng/ml



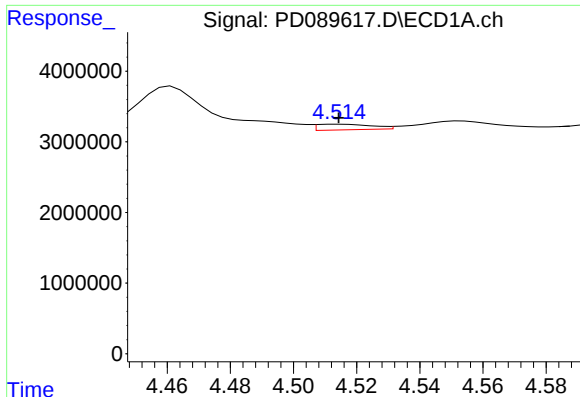
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.023 min  
Response: 7728656  
Conc: 1.42 ng/ml



#4 Heptachlor

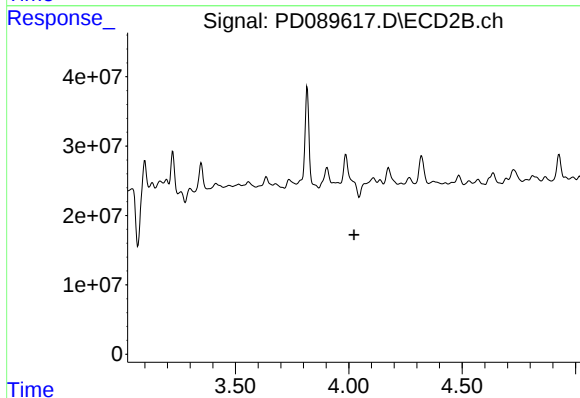
R.T.: 4.072 min  
Delta R.T.: -0.008 min  
Response: 16462532  
Conc: 0.59 ng/ml



#6 beta-BHC

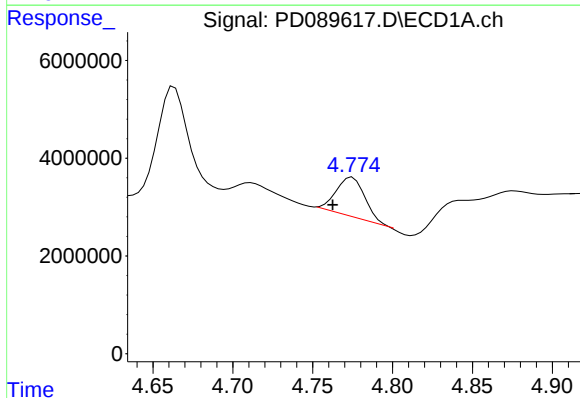
R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 972933  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



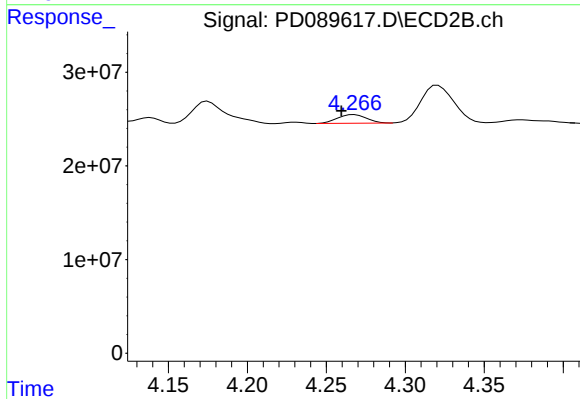
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.023 min  
Response: 0  
Conc: N.D.



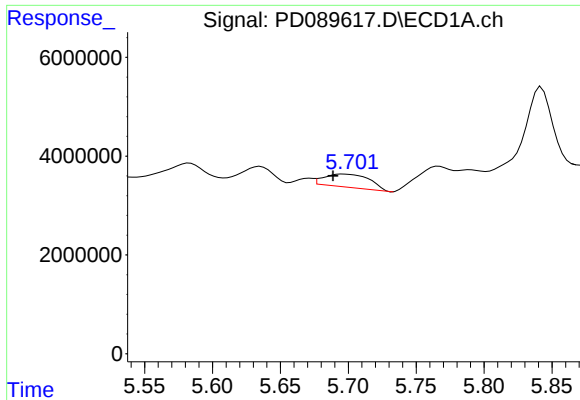
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.012 min  
Response: 8395293  
Conc: 1.59 ng/ml



#7 delta-BHC

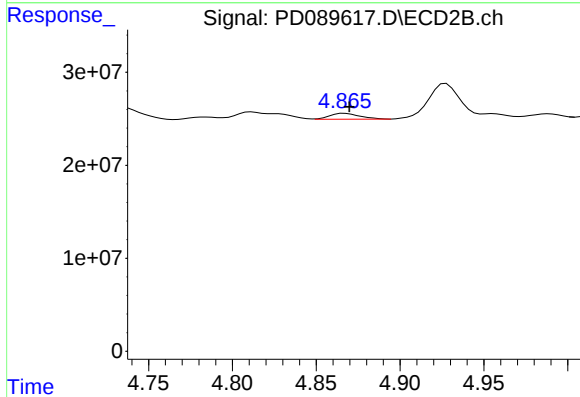
R.T.: 4.268 min  
Delta R.T.: 0.008 min  
Response: 11752177  
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

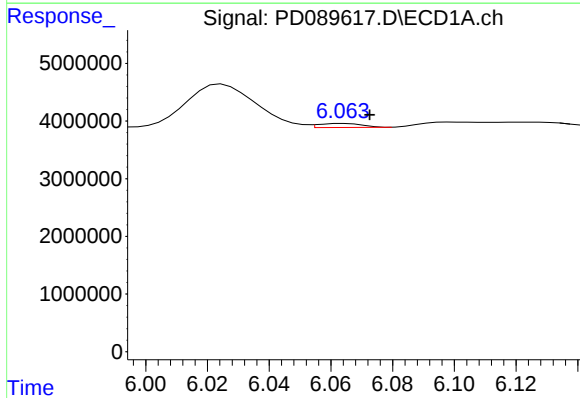
R.T.: 5.696 min  
Delta R.T.: 0.008 min  
Response: 6177502  
Conc: 1.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



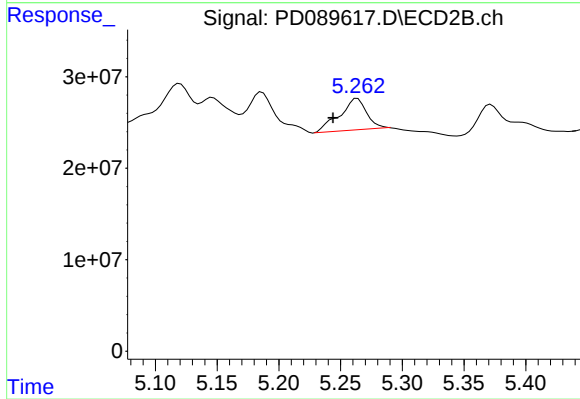
#8 Heptachlor epoxide

R.T.: 4.867 min  
Delta R.T.: -0.003 min  
Response: 7751992  
Conc: 0.31 ng/ml



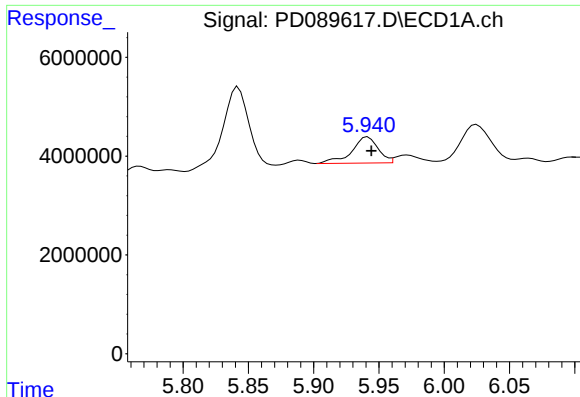
#9 Endosulfan I

R.T.: 6.064 min  
Delta R.T.: -0.008 min  
Response: 669211  
Conc: 0.15 ng/ml



#9 Endosulfan I

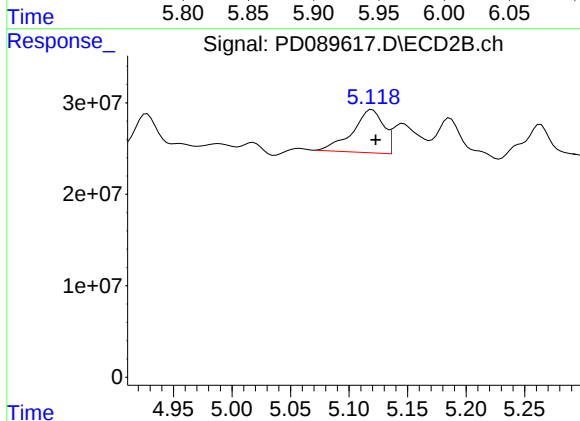
R.T.: 5.264 min  
Delta R.T.: 0.020 min  
Response: 51313572  
Conc: 2.16 ng/ml



#10 gamma-Chlordane

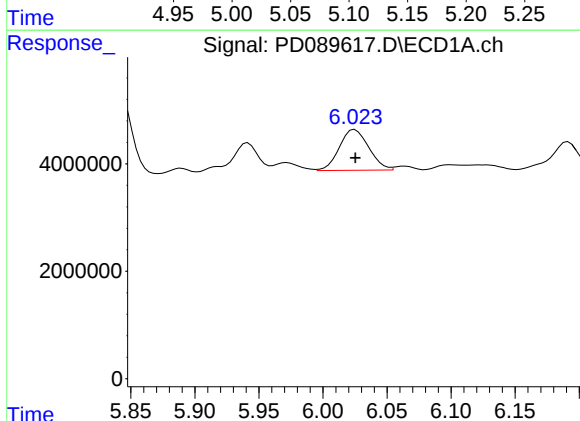
R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 7473934  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



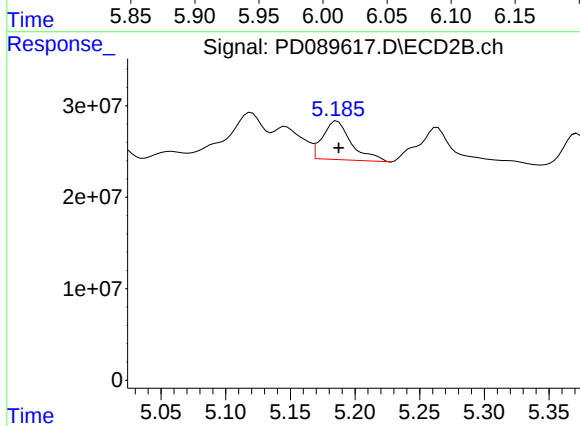
#10 gamma-Chlordane

R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 86625792  
Conc: 3.24 ng/ml



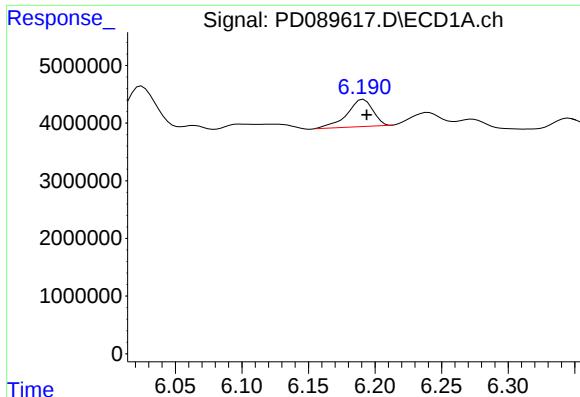
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 12156520  
Conc: 2.55 ng/ml



#11 alpha-Chlordane

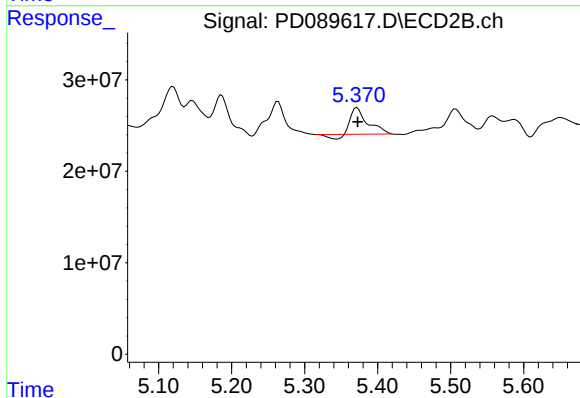
R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 65495781  
Conc: 2.54 ng/ml



#12 4,4'-DDE

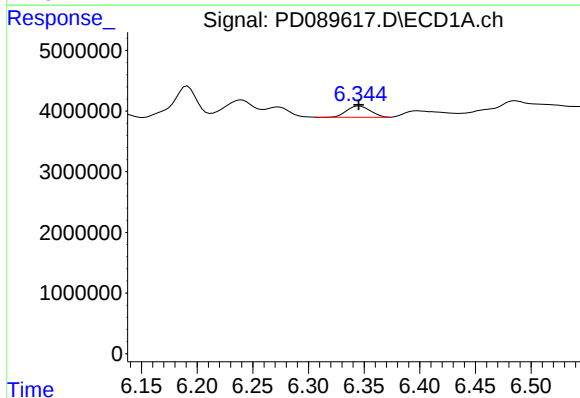
R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 6401842  
Conc: 1.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



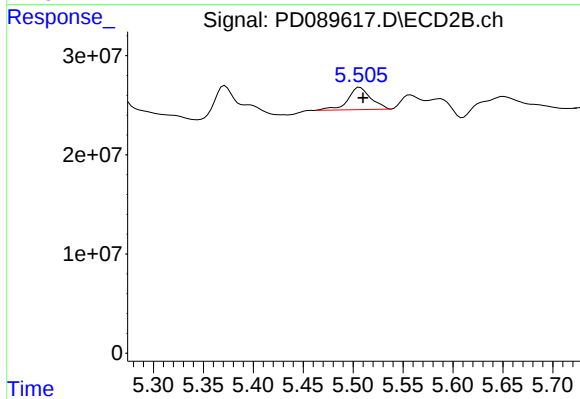
#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 41796713  
Conc: 1.59 ng/ml



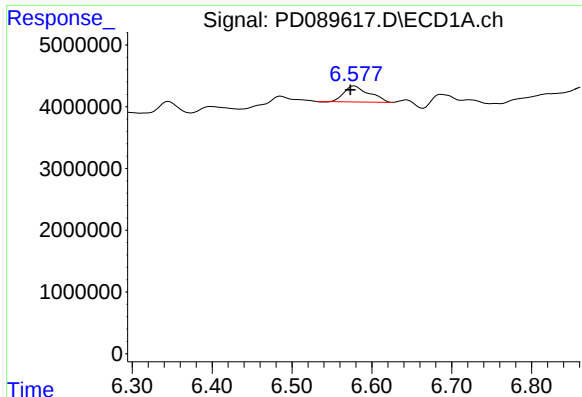
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 2679506  
Conc: 0.57 ng/ml



#13 Dieldrin

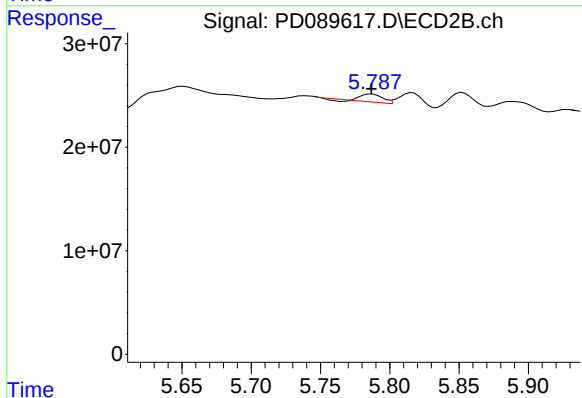
R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 35691848  
Conc: 1.35 ng/ml



#14 Endrin

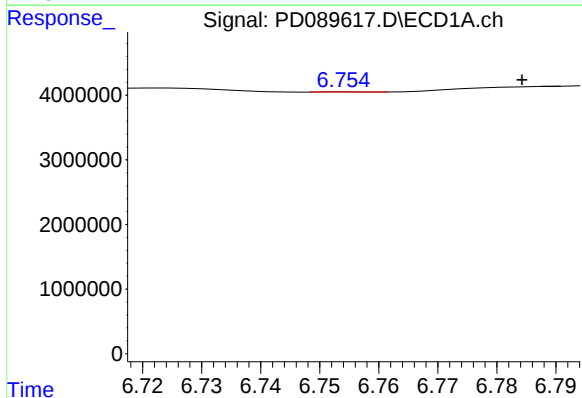
R.T.: 6.578 min  
Delta R.T.: 0.005 min  
Response: 5637455  
Conc: 1.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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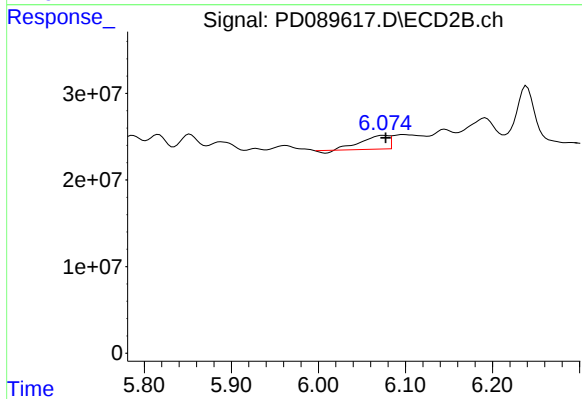
#14 Endrin

R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 8111479  
Conc: 0.34 ng/ml



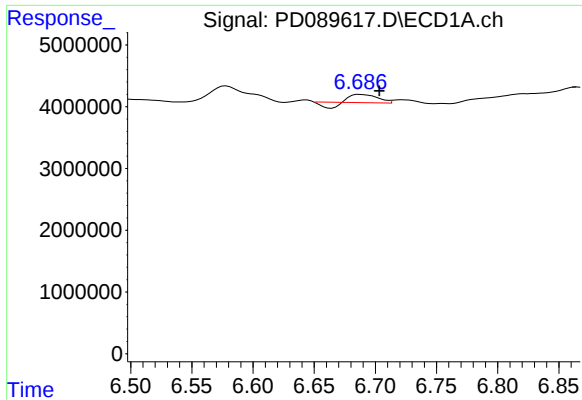
#15 Endosulfan II

R.T.: 6.755 min  
Delta R.T.: -0.029 min  
Response: 13627  
Conc: 0.00 ng/ml



#15 Endosulfan II

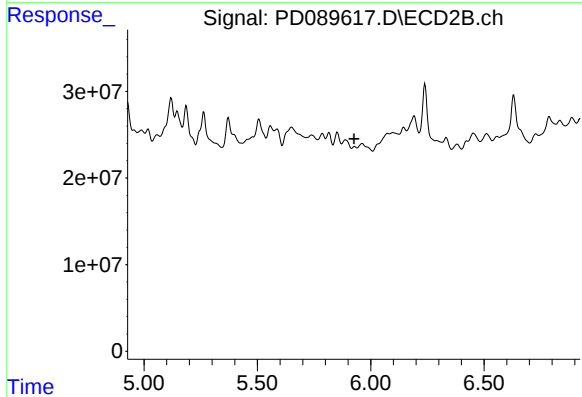
R.T.: 6.076 min  
Delta R.T.: -0.002 min  
Response: 33525302  
Conc: 1.46 ng/ml



#16 4,4'-DDD

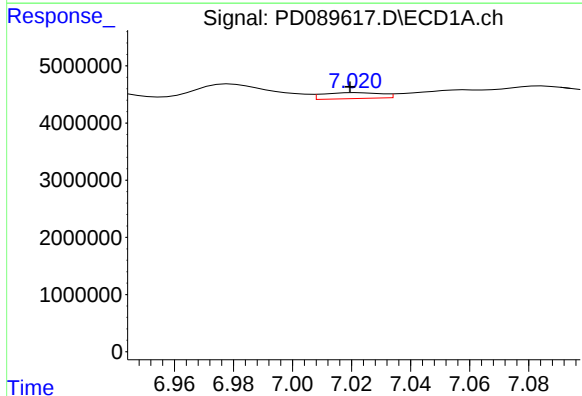
R.T.: 6.687 min  
Delta R.T.: -0.016 min  
Response: 1346844  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



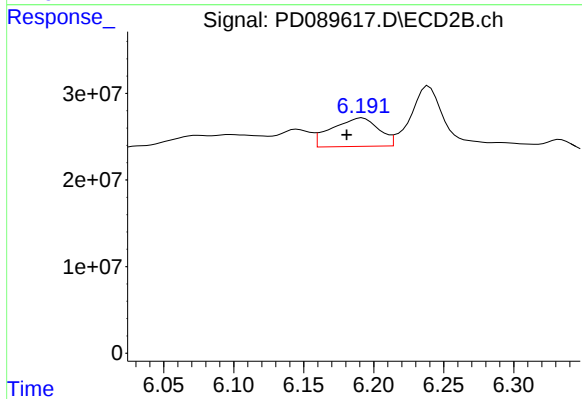
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: -2795238  
Conc: N.D.



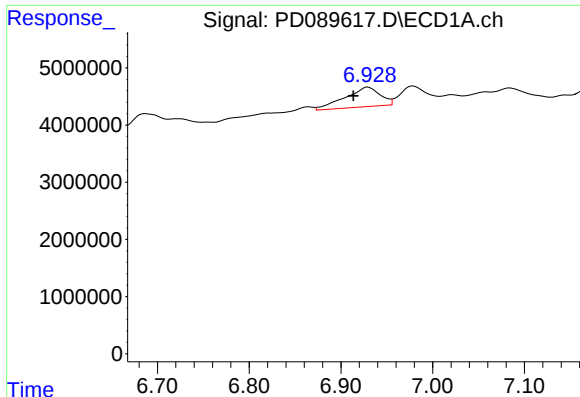
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 1406385  
Conc: 0.37 ng/ml



#17 4,4'-DDT

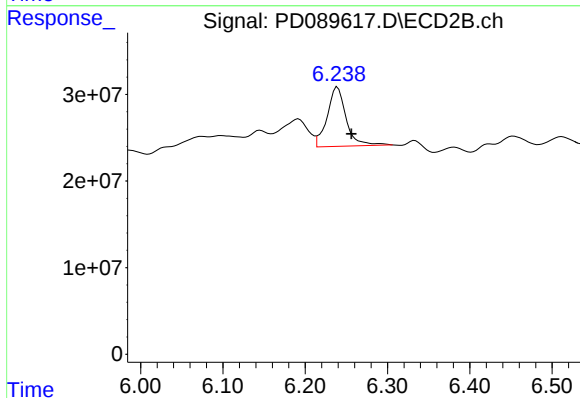
R.T.: 6.192 min  
Delta R.T.: 0.011 min  
Response: 76719453  
Conc: 3.28 ng/ml



#18 Endrin aldehyde

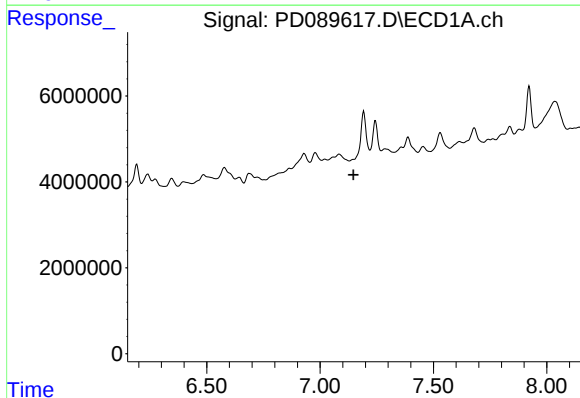
R.T.: 6.930 min  
Delta R.T.: 0.016 min  
Response: 9093275  
Conc: 3.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



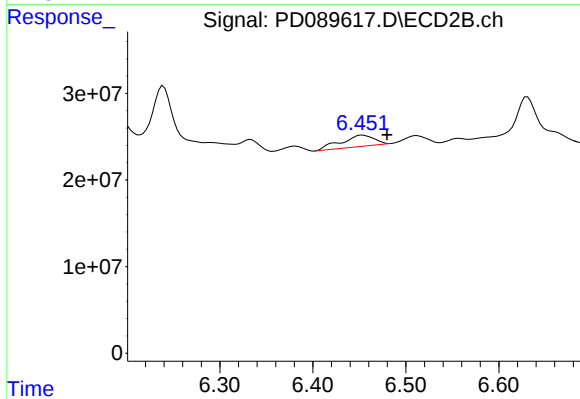
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.017 min  
Response: 110328277  
Conc: 6.65 ng/ml



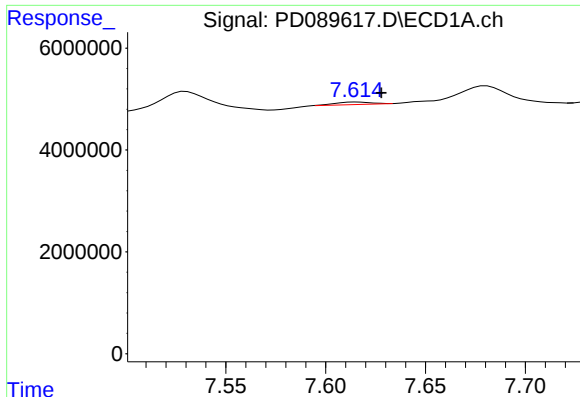
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

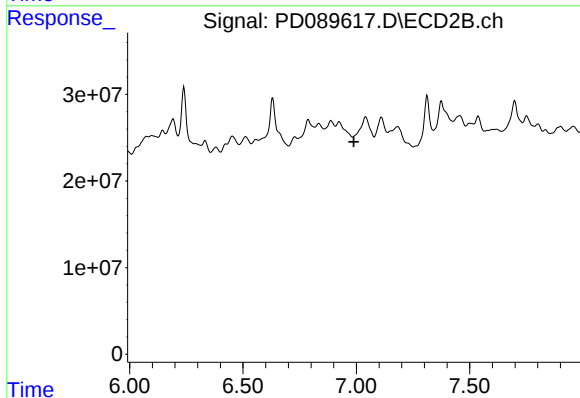
R.T.: 6.454 min  
Delta R.T.: -0.026 min  
Response: 32009369  
Conc: 1.44 ng/ml



#21 Endrin ketone

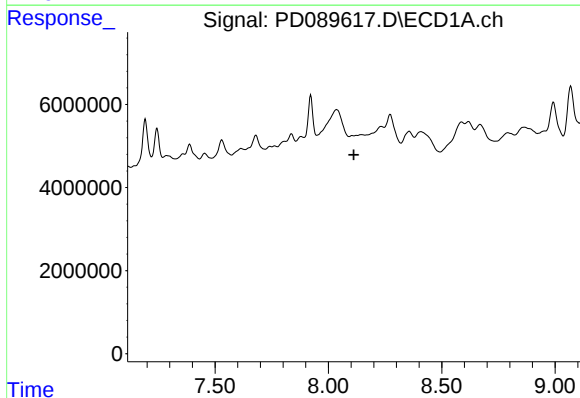
R.T.: 7.615 min  
Delta R.T.: -0.013 min  
Response: 602943  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



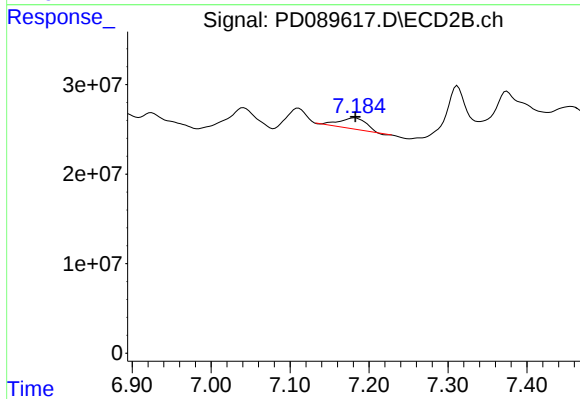
#21 Endrin ketone

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



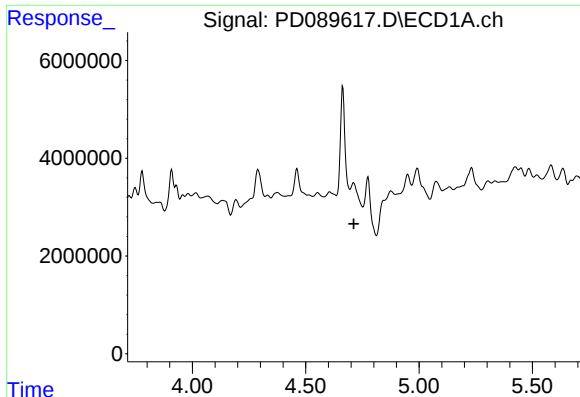
#22 Mirex

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



#22 Mirex

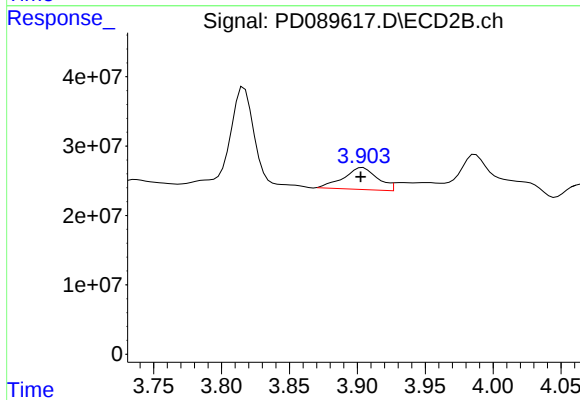
R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 27042836  
Conc: 1.40 ng/ml



#23 Chlordane-1

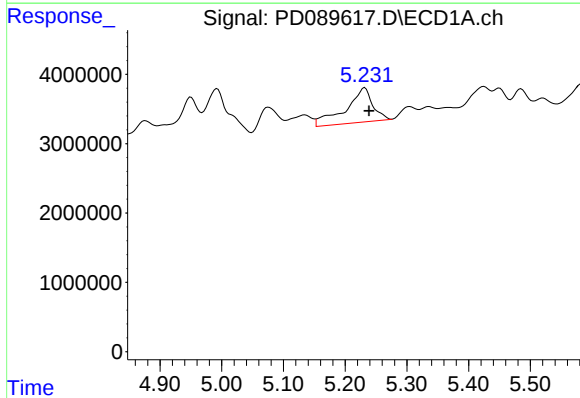
R.T.: 4.711 min  
Delta R.T.: -0.001 min  
Response: -16218228  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



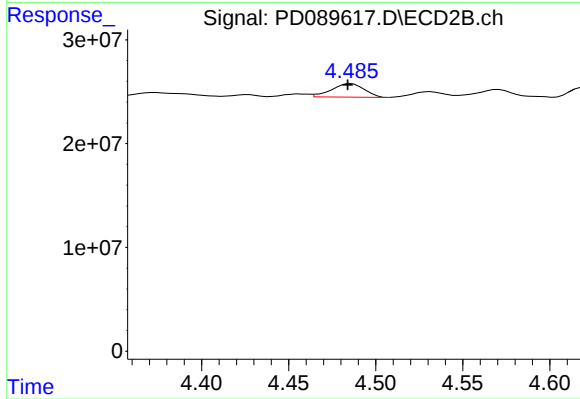
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: 0.002 min  
Response: 55276559  
Conc: 59.52 ng/ml



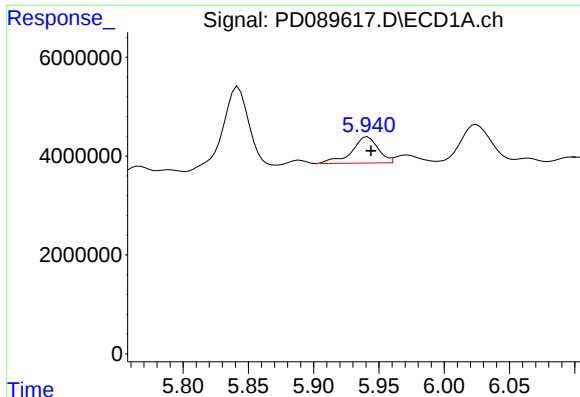
#24 Chlordane-2

R.T.: 5.232 min  
Delta R.T.: -0.007 min  
Response: 14992558  
Conc: 74.56 ng/ml



#24 Chlordane-2

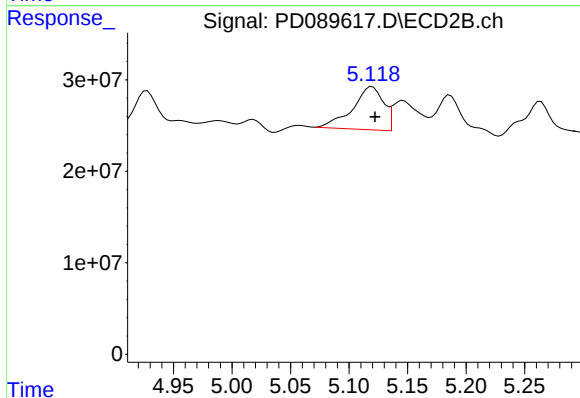
R.T.: 4.486 min  
Delta R.T.: 0.002 min  
Response: 17158950  
Conc: 17.50 ng/ml



#25 Chlordane-3

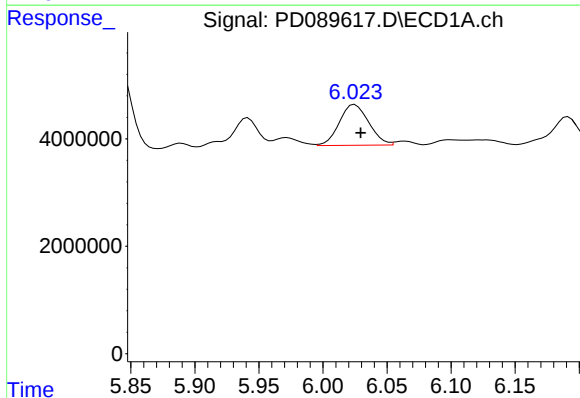
R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 7473934  
Conc: 9.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



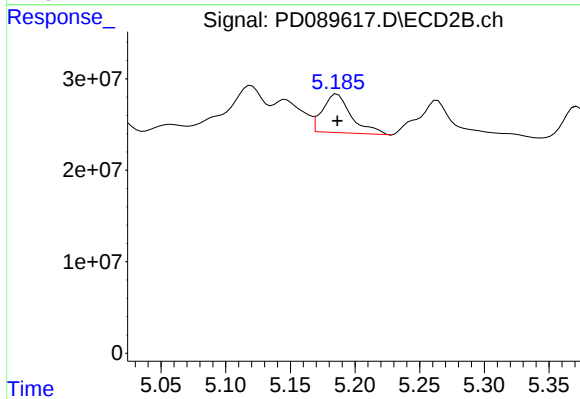
#25 Chlordane-3

R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 86625792  
Conc: 30.01 ng/ml



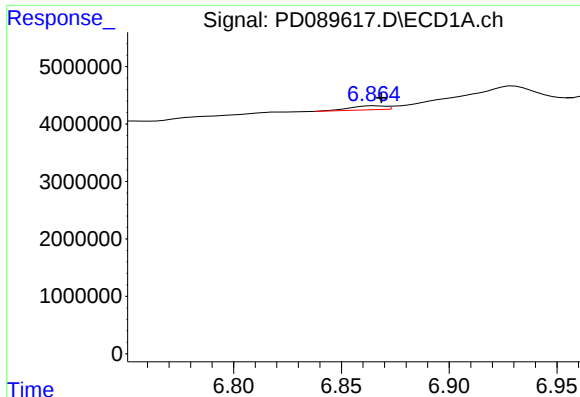
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.005 min  
Response: 12156520  
Conc: 12.81 ng/ml



#26 Chlordane-4

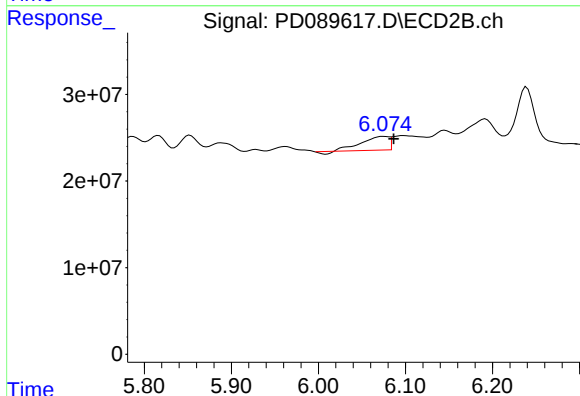
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 65495781  
Conc: 27.15 ng/ml



#27 Chlordane-5

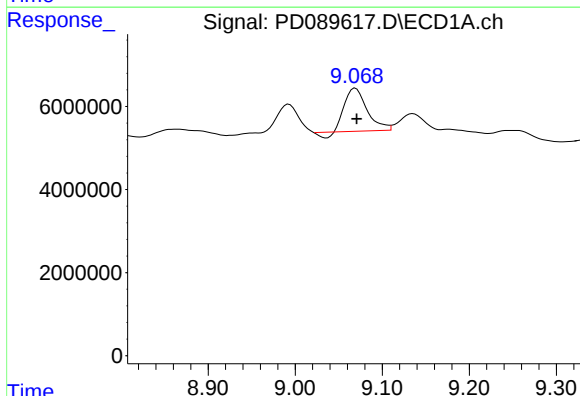
R.T.: 6.865 min  
Delta R.T.: -0.003 min  
Response: 779678  
Conc: 4.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-43-071725



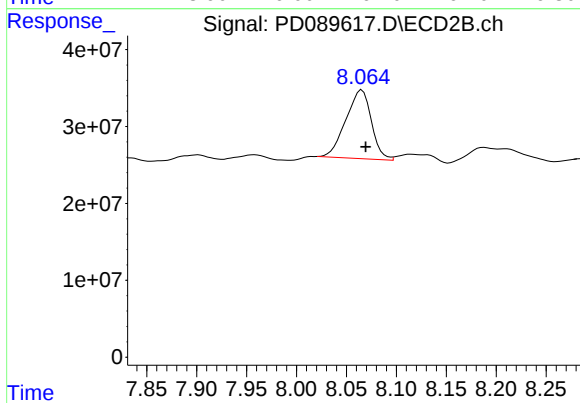
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.011 min  
Response: 33525302  
Conc: 28.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.001 min  
Response: 17767467  
Conc: 4.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: -0.004 min  
Response: 159314341  
Conc: 6.48 ng/ml