

Data Path : P:\HPCHEM1\ECD L\Data\PL013118\  
 Data File : PL032795.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Feb 2018 2:39  
 Operator : UA\AJ  
 Sample : J1384-08  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 03:13:08 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.410  | 3.993  | 100.2E6  | 15622324 | 11.210 | 12.475   |
| 28)                         | SA Decachlor... | 8.114  | 9.027  | 176.7E6  | 31537376 | 15.189 | 16.581   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.400f | 0        | 555947   | N.D.   | 0.240 #  |
| 4)                          | MA Heptachlor   | 4.433  | 5.125f | 13718068 | 2044727  | 1.036  | 0.979    |
| 5)                          | MB Aldrin       | 0.000  | 5.491  | 0        | 1604469  | N.D.   | 0.766 #  |
| 6)                          | B beta-BHC      | 4.340f | 0.000  | 20734888 | 0        | 3.631  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.030  | 0        | 2913257  | N.D.   | 1.310 #  |
| 8)                          | B Heptachlo...  | 5.157f | 5.844  | 21604592 | 802706   | 1.825  | 0.449 #  |
| 10)                         | B gamma-Chl...  | 5.301  | 6.053  | 9691793  | 6117828  | 0.751  | 3.138 #  |
| 11)                         | B alpha-Chl...  | 5.350  | 0.000  | 11126706 | 0        | 0.894  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.315  | 0        | 630933   | N.D.   | 0.331 #  |
| 13)                         | MA Dieldrin     | 5.673  | 6.458  | 14891540 | 1676224  | 1.163  | 0.877    |
| 14)                         | MA Endrin       | 5.988f | 6.672  | 18464135 | 3429166  | 1.581  | 2.033 #  |
| 15)                         | B Endosulfa...  | 6.189  | 6.811f | 11458470 | 5889728  | 0.977  | 3.345 #  |
| 16)                         | A 4,4'-DDD      | 5.988f | 6.811  | 18464135 | 5889728  | 1.755  | 4.130 #  |
| 17)                         | MA 4,4'-DDT     | 6.293  | 7.072  | 31552932 | 5374158  | 2.985  | 4.030 #  |
| 18)                         | B Endrin al...  | 6.389  | 6.925f | 12523843 | 17244    | 1.268  | 0.012 #  |
| 19)                         | B Endosulfa...  | 6.577  | 7.155f | 10659784 | 2051768  | 0.962  | 1.272 #  |
| 20)                         | A Methoxychlor  | 6.822  | 0.000  | 32363712 | 0        | 5.570  | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.668  | 0        | 6093078  | N.D.   | 3.374 #  |
| 23)                         | Chlordane-1     | 0.000  | 5.030  | 0        | 2913257  | N.D.   | 37.675 # |
| 24)                         | Chlordane-2     | 4.433  | 5.125  | 13718068 | 2044727  | 22.341 | 17.424   |
| 25)                         | Chlordane-3     | 5.301  | 6.053  | 9691793  | 6117828  | 6.493  | 22.199 # |
| 26)                         | Chlordane-4     | 5.350  | 0.000  | 11126706 | 0        | 8.651  | N.D. #   |
| 27)                         | Chlordane-5     | 6.189  | 6.925  | 11458470 | 17244    | 23.175 | 0.286 #  |
| -----                       |                 |        |        |          |          |        |          |

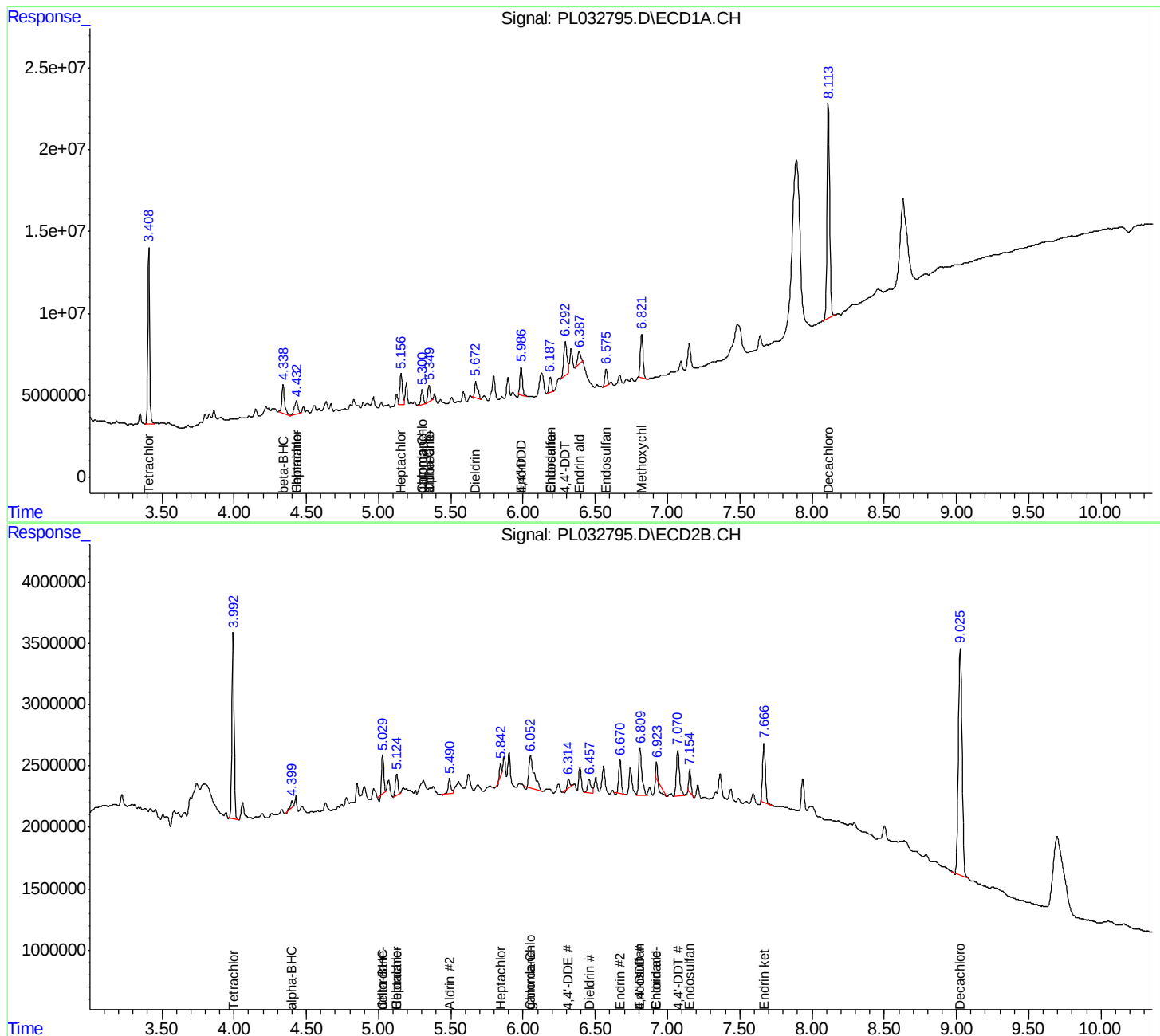
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

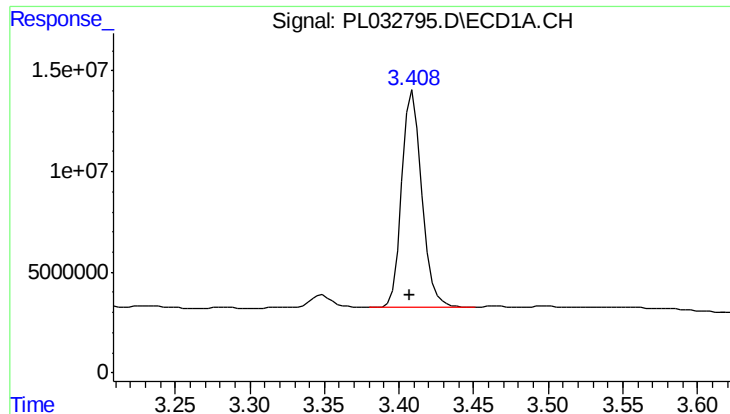
Data Path : P:\HPCHEM1\ECD L\Data\PL013118\  
Data File : PL032795.D  
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Operator : UA\AJ  
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Misc :  
ALS Vial : 39 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

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Quant Time: Feb 01 03:13:08 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
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QLast Update : Sat Jan 27 04:03:48 2018  
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Volume Ini. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

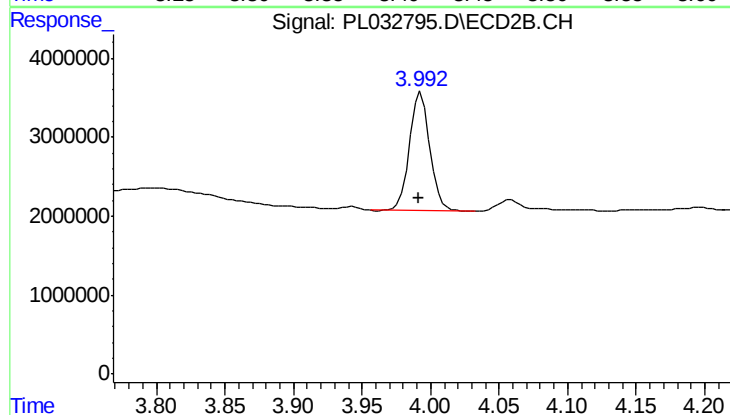




#1 Tetrachloro-m-xylene

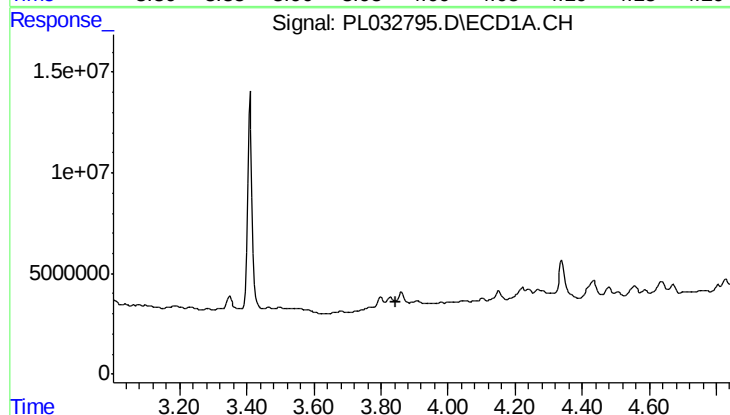
R.T.: 3.410 min  
Delta R.T.: 0.002 min  
Response: 100218374  
Conc: 11.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



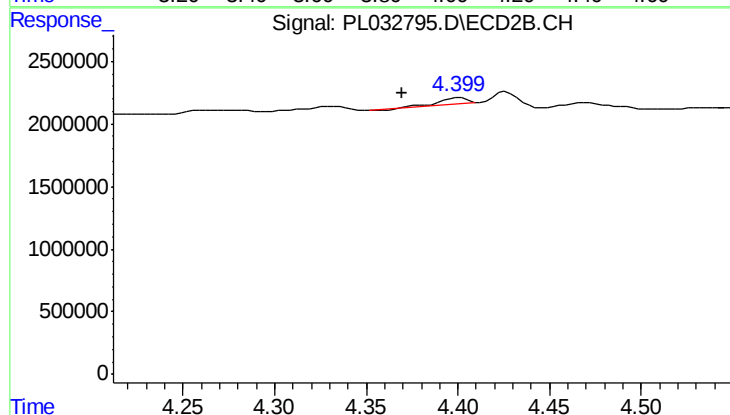
#1 Tetrachloro-m-xylene

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 15622324  
Conc: 12.47 ng/ml



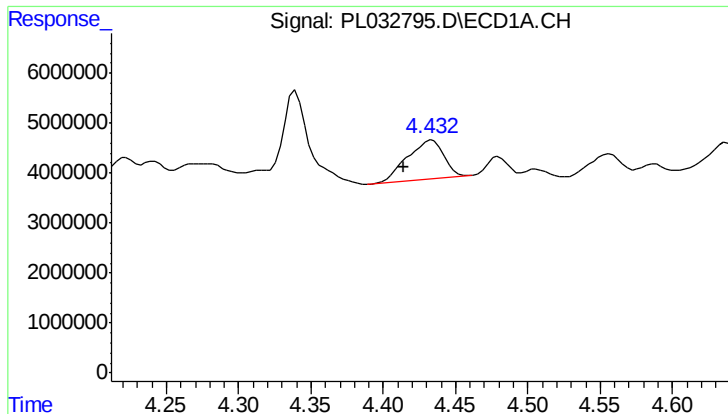
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.844 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

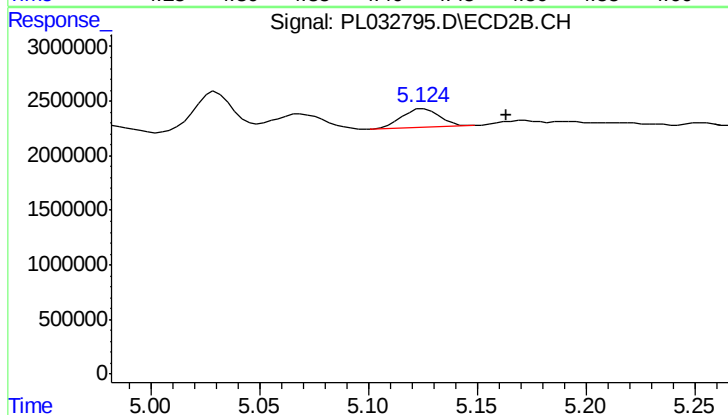
R.T.: 4.400 min  
Delta R.T.: 0.031 min  
Response: 555947  
Conc: 0.24 ng/ml



#4 Heptachlor

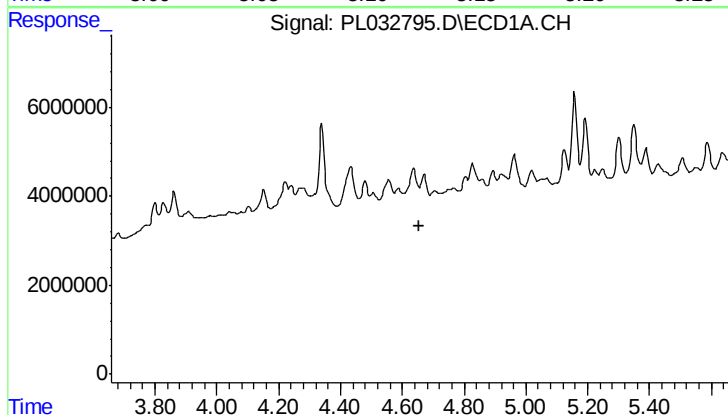
R.T.: 4.433 min  
Delta R.T.: 0.019 min  
Response: 13718068  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



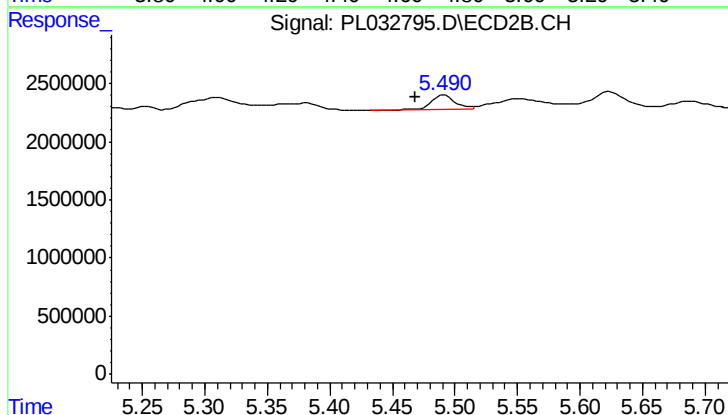
#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: -0.038 min  
Response: 2044727  
Conc: 0.98 ng/ml



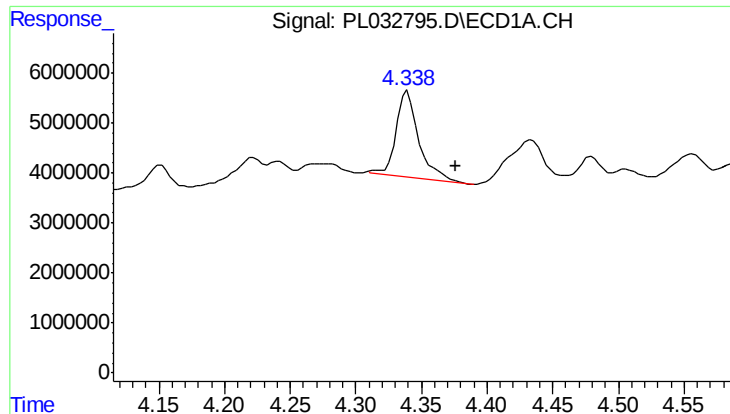
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 4.656 min  
Response: 0  
Conc: N.D.



#5 Aldrin

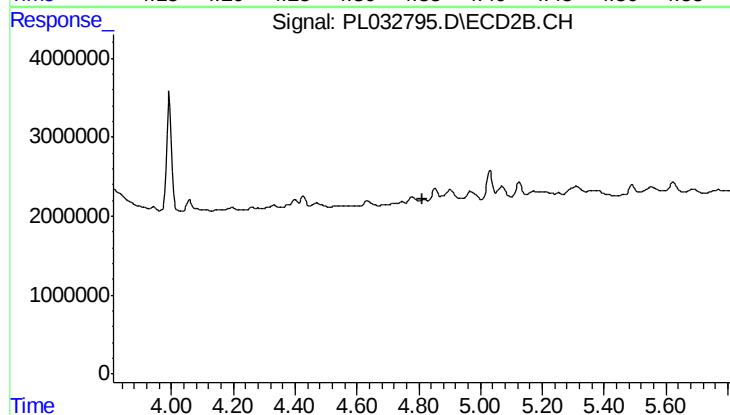
R.T.: 5.491 min  
Delta R.T.: 0.023 min  
Response: 1604469  
Conc: 0.77 ng/ml



#6 beta-BHC

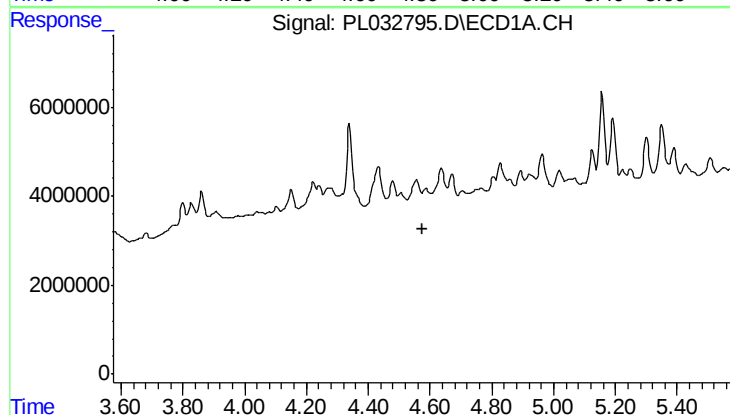
R.T.: 4.340 min  
Delta R.T.: -0.036 min  
Response: 20734888  
Conc: 3.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



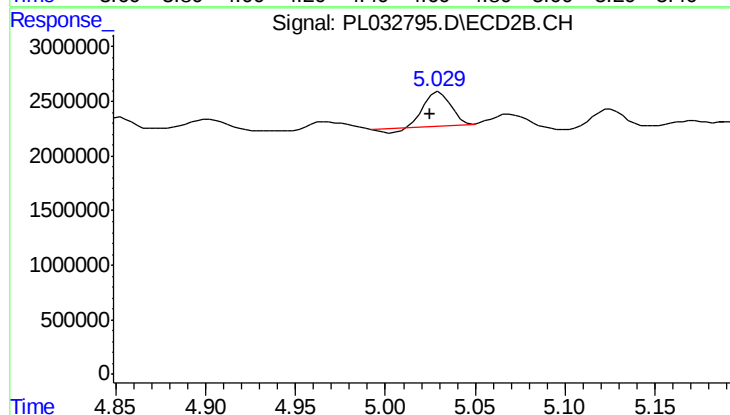
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.811 min  
Response: 0  
Conc: N.D.



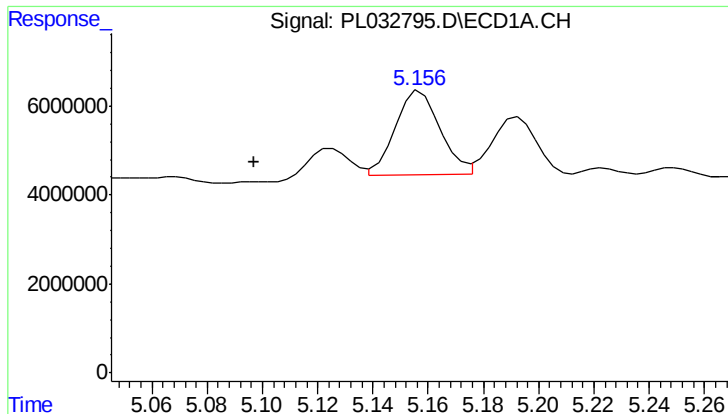
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.574 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

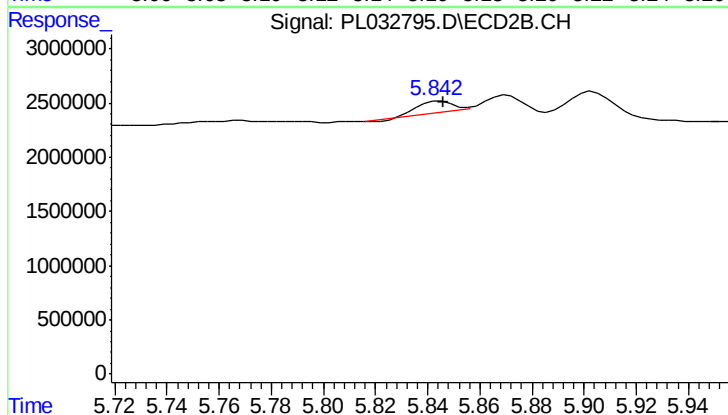
R.T.: 5.030 min  
Delta R.T.: 0.005 min  
Response: 2913257  
Conc: 1.31 ng/ml



#8 Heptachlor epoxide

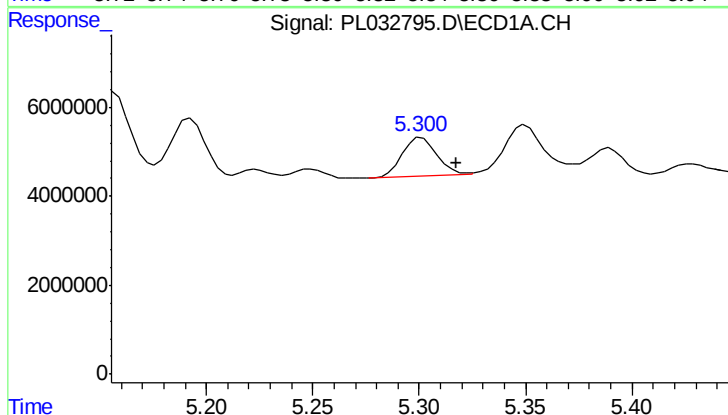
R.T.: 5.157 min  
Delta R.T.: 0.060 min  
Response: 21604592  
Conc: 1.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



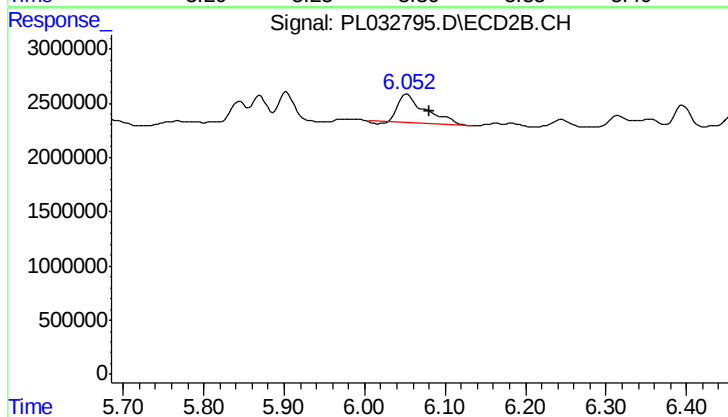
#8 Heptachlor epoxide

R.T.: 5.844 min  
Delta R.T.: -0.001 min  
Response: 802706  
Conc: 0.45 ng/ml



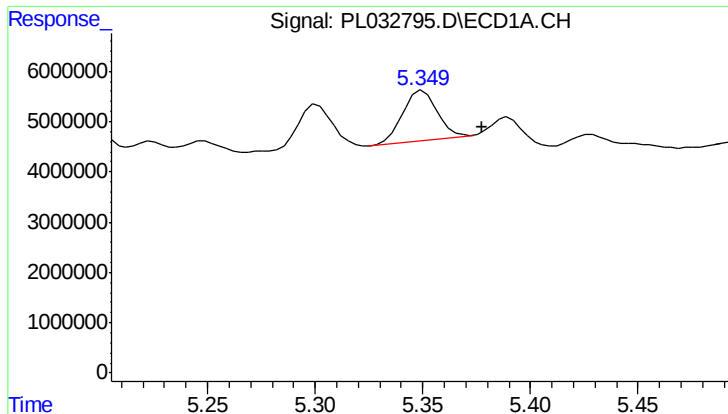
#10 gamma-Chlordane

R.T.: 5.301 min  
Delta R.T.: -0.017 min  
Response: 9691793  
Conc: 0.75 ng/ml



#10 gamma-Chlordane

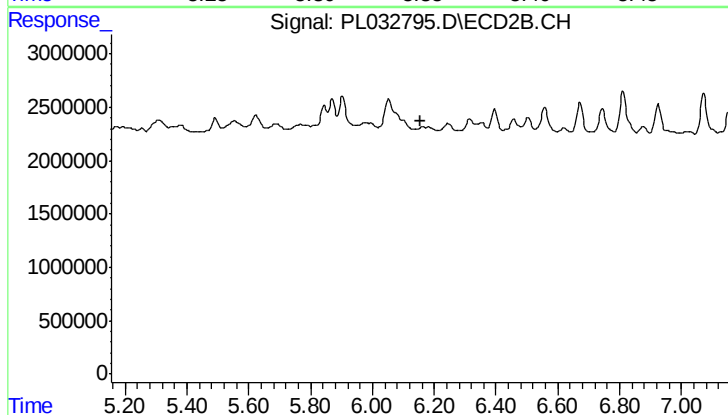
R.T.: 6.053 min  
Delta R.T.: -0.028 min  
Response: 6117828  
Conc: 3.14 ng/ml



#11 alpha-Chlordane

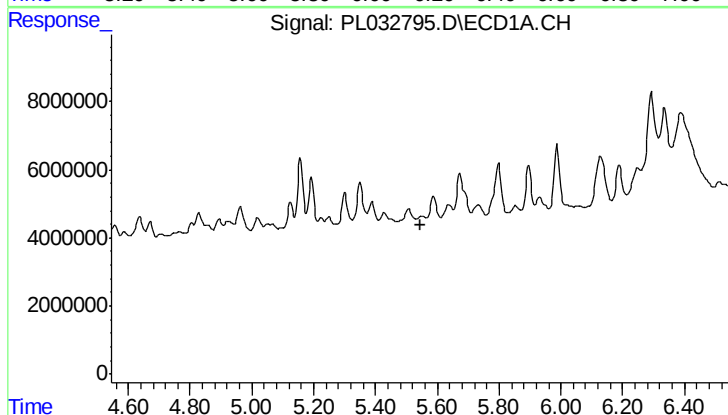
R.T.: 5.350 min  
Delta R.T.: -0.027 min  
Response: 11126706  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



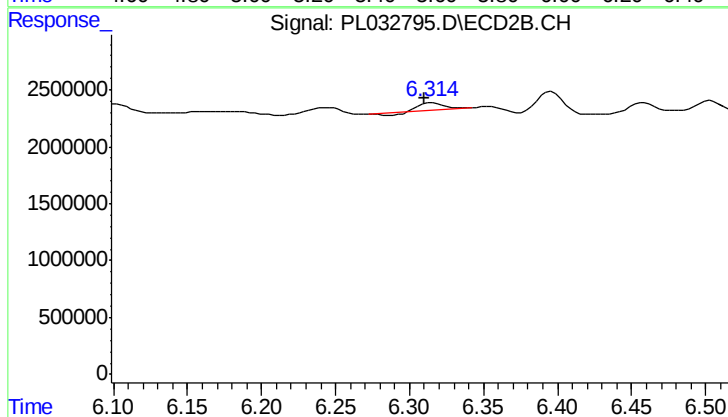
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.154 min  
Response: 0  
Conc: N.D.



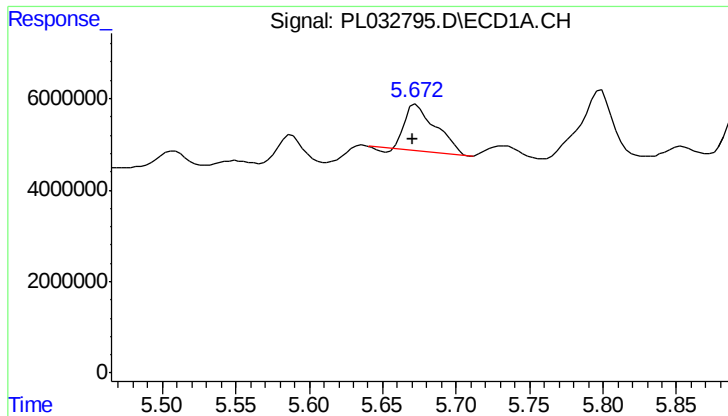
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.544 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

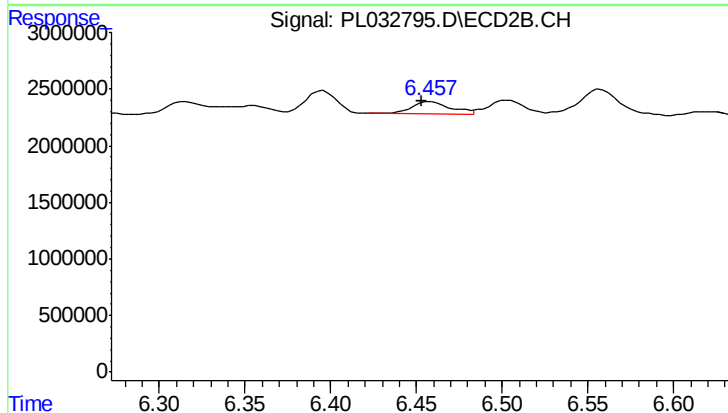
R.T.: 6.315 min  
Delta R.T.: 0.005 min  
Response: 630933  
Conc: 0.33 ng/ml



#13 Dieldrin

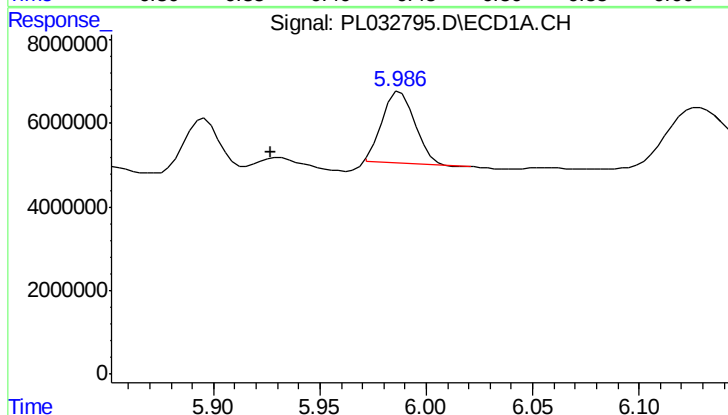
R.T.: 5.673 min  
Delta R.T.: 0.002 min  
Response: 14891540  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



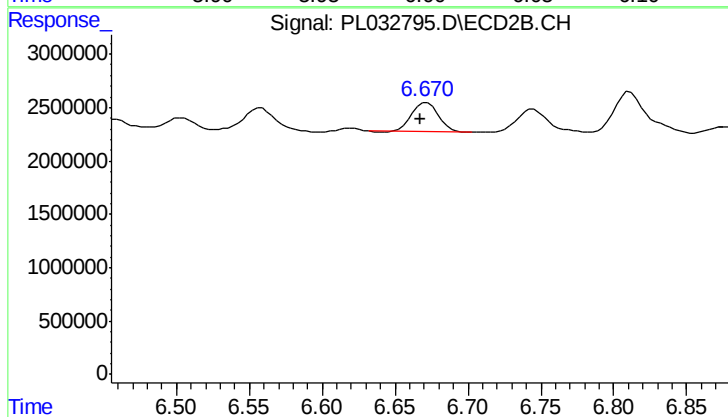
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: 0.005 min  
Response: 1676224  
Conc: 0.88 ng/ml



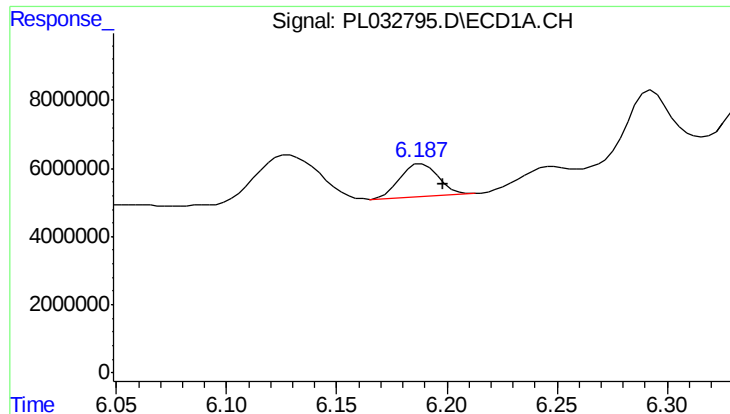
#14 Endrin

R.T.: 5.988 min  
Delta R.T.: 0.061 min  
Response: 18464135  
Conc: 1.58 ng/ml



#14 Endrin

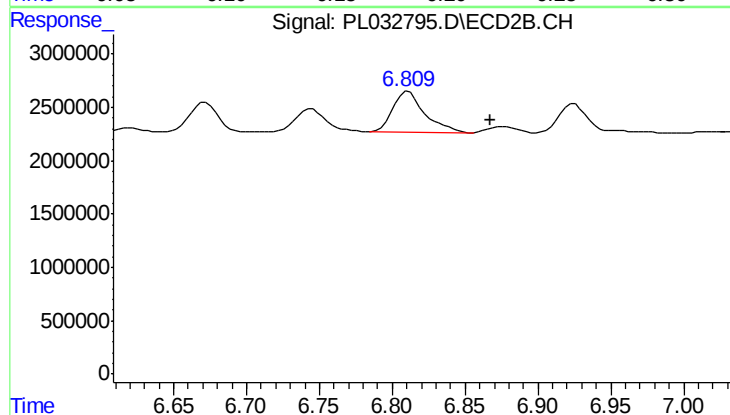
R.T.: 6.672 min  
Delta R.T.: 0.004 min  
Response: 3429166  
Conc: 2.03 ng/ml



#15 Endosulfan II

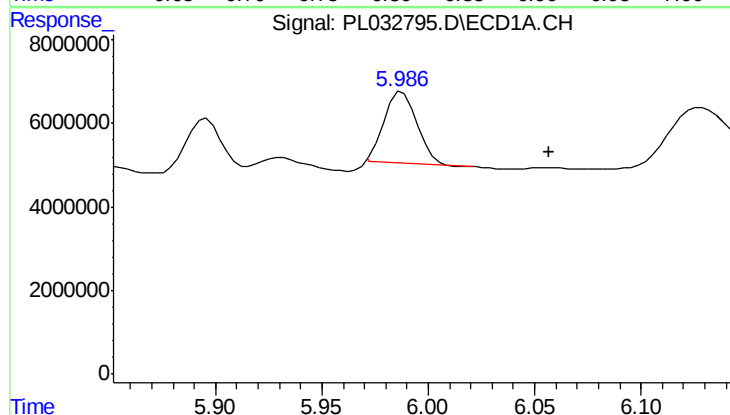
R.T.: 6.189 min  
Delta R.T.: -0.010 min  
Response: 11458470  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



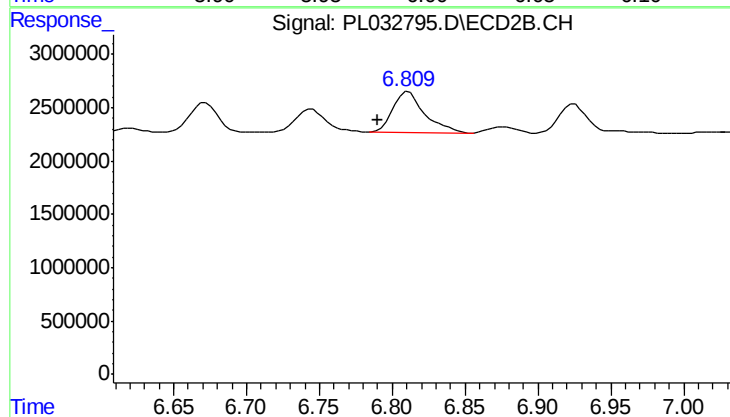
#15 Endosulfan II

R.T.: 6.811 min  
Delta R.T.: -0.057 min  
Response: 5889728  
Conc: 3.35 ng/ml



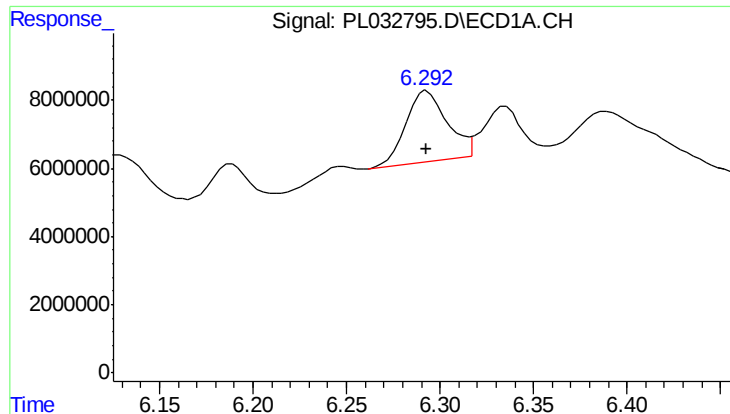
#16 4,4'-DDD

R.T.: 5.988 min  
Delta R.T.: -0.069 min  
Response: 18464135  
Conc: 1.75 ng/ml



#16 4,4'-DDD

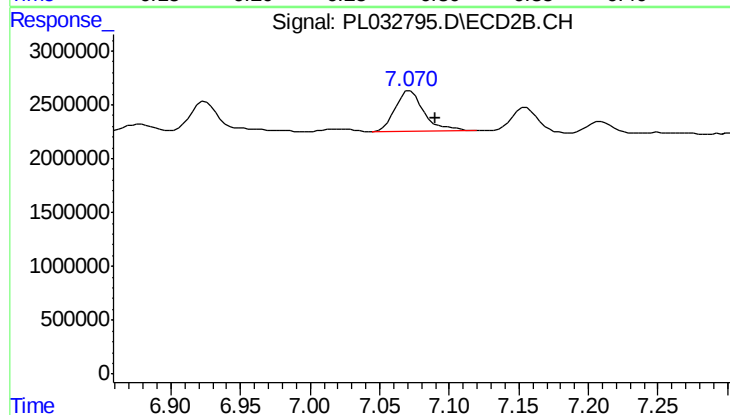
R.T.: 6.811 min  
Delta R.T.: 0.021 min  
Response: 5889728  
Conc: 4.13 ng/ml



#17 4,4'-DDT

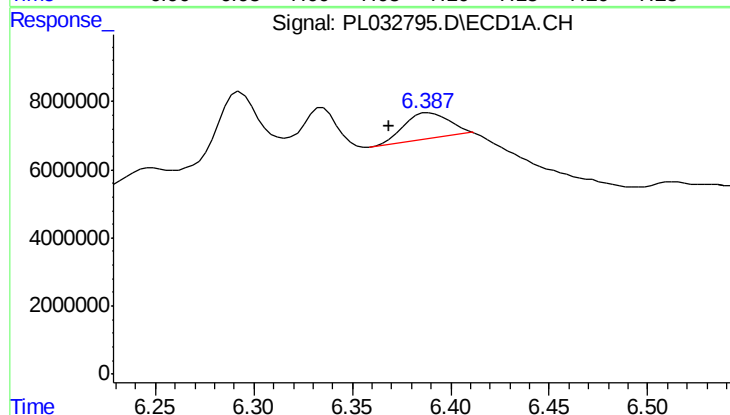
R.T.: 6.293 min  
Delta R.T.: 0.000 min  
Response: 31552932  
Conc: 2.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



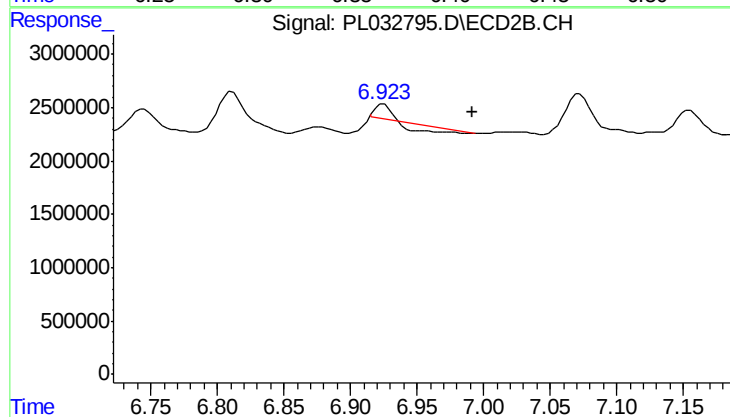
#17 4,4'-DDT

R.T.: 7.072 min  
Delta R.T.: -0.019 min  
Response: 5374158  
Conc: 4.03 ng/ml



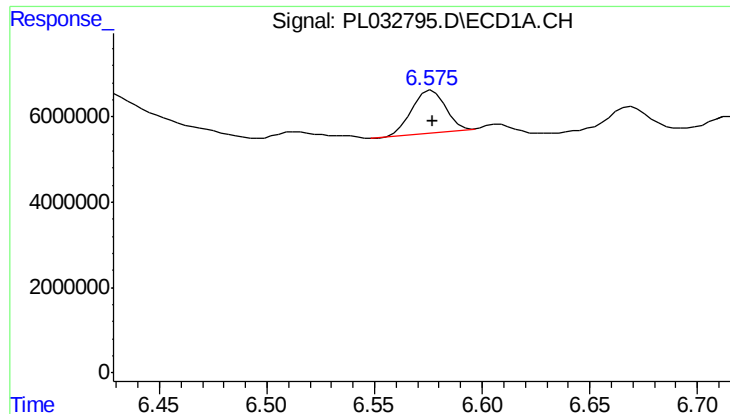
#18 Endrin aldehyde

R.T.: 6.389 min  
Delta R.T.: 0.020 min  
Response: 12523843  
Conc: 1.27 ng/ml



#18 Endrin aldehyde

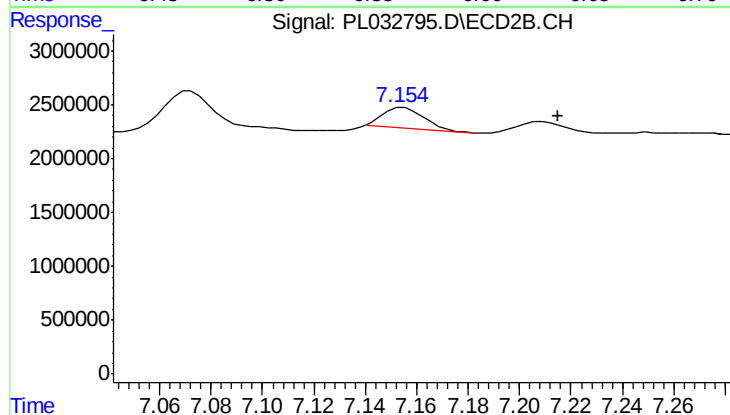
R.T.: 6.925 min  
Delta R.T.: -0.067 min  
Response: 17244  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

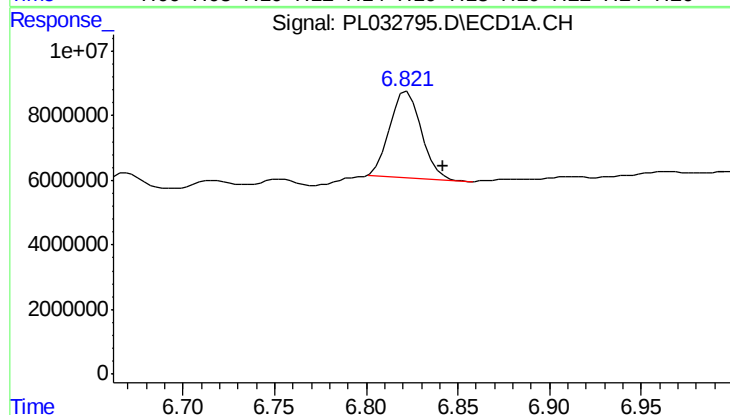
R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 10659784  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



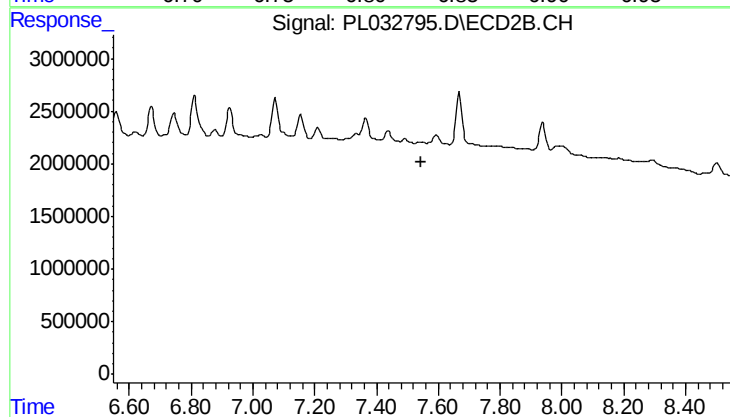
#19 Endosulfan Sulfate

R.T.: 7.155 min  
Delta R.T.: -0.060 min  
Response: 2051768  
Conc: 1.27 ng/ml



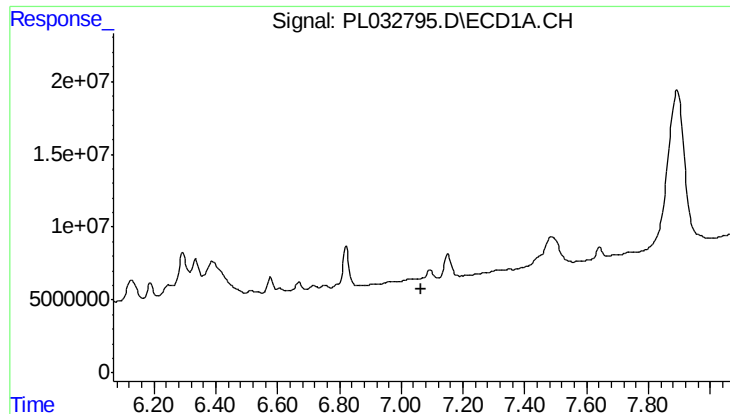
#20 Methoxychlor

R.T.: 6.822 min  
Delta R.T.: -0.019 min  
Response: 32363712  
Conc: 5.57 ng/ml



#20 Methoxychlor

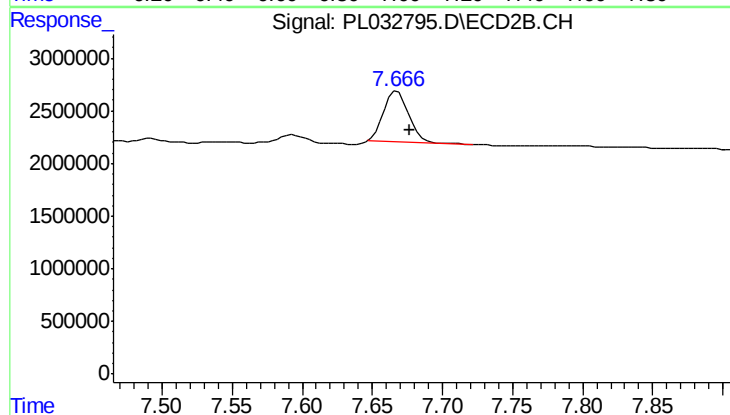
R.T.: 0.000 min  
Exp R.T.: 7.545 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

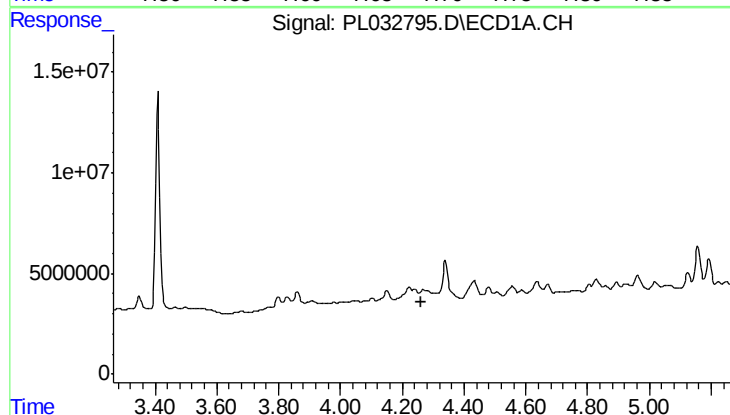
R.T.: 0.000 min  
Exp R.T.: 7.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



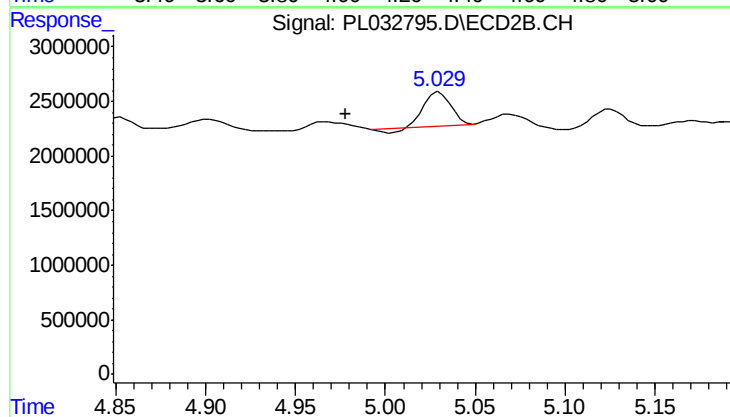
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: -0.008 min  
Response: 6093078  
Conc: 3.37 ng/ml



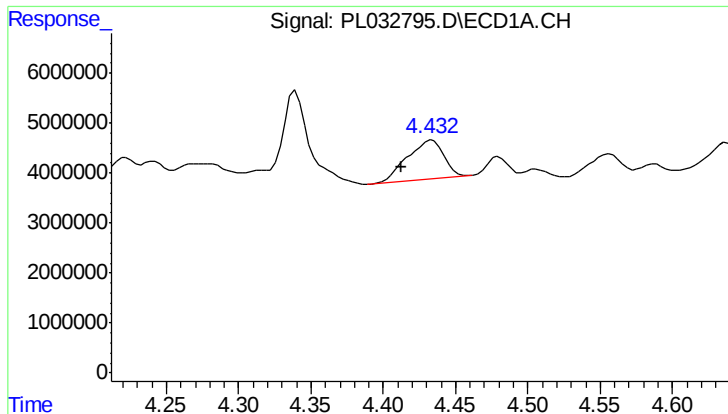
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.263 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

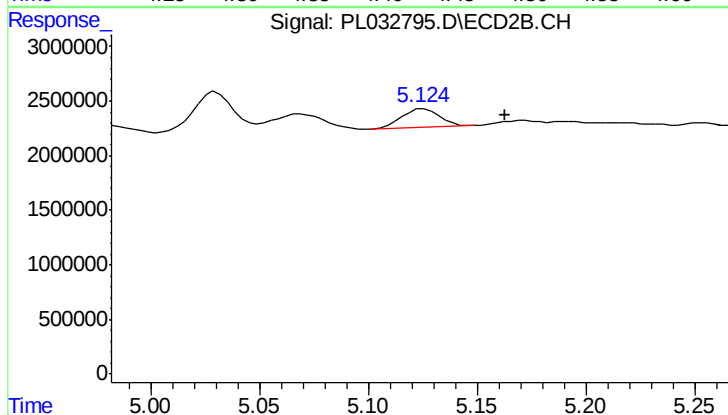
R.T.: 5.030 min  
Delta R.T.: 0.053 min  
Response: 2913257  
Conc: 37.68 ng/ml



#24 Chlordane-2

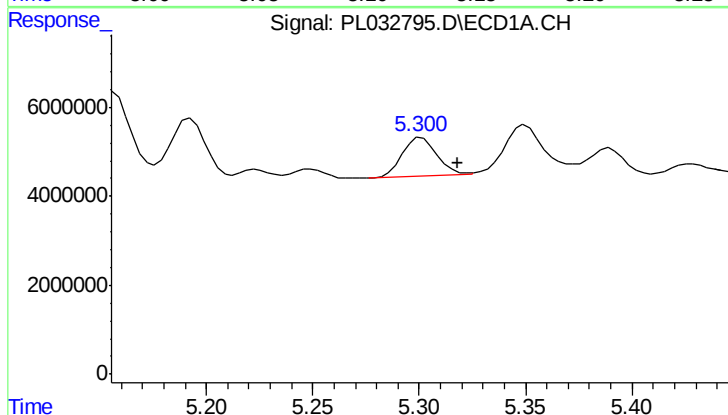
R.T.: 4.433 min  
Delta R.T.: 0.021 min  
Response: 13718068  
Conc: 22.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



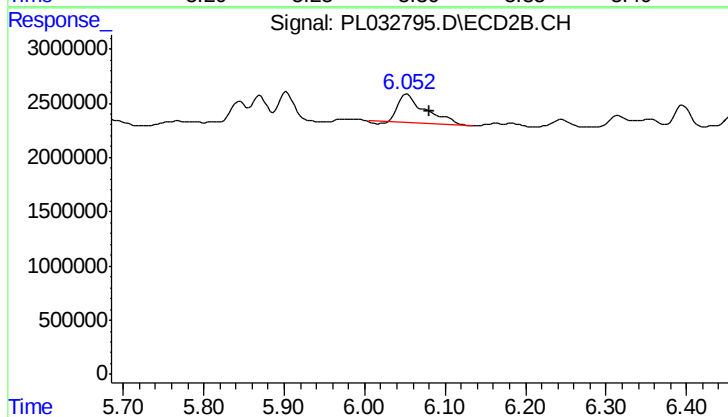
#24 Chlordane-2

R.T.: 5.125 min  
Delta R.T.: -0.038 min  
Response: 2044727  
Conc: 17.42 ng/ml



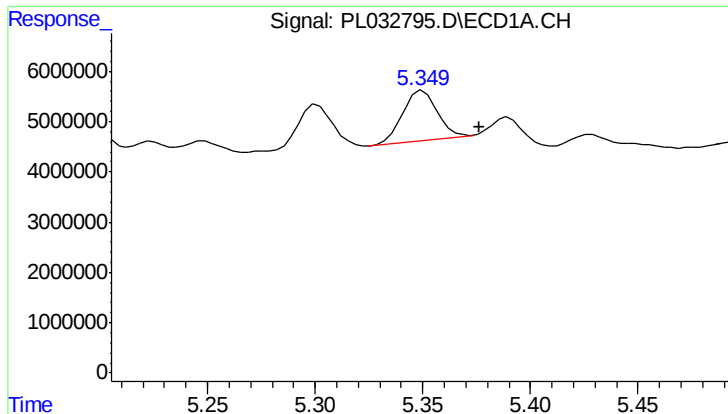
#25 Chlordane-3

R.T.: 5.301 min  
Delta R.T.: -0.017 min  
Response: 9691793  
Conc: 6.49 ng/ml



#25 Chlordane-3

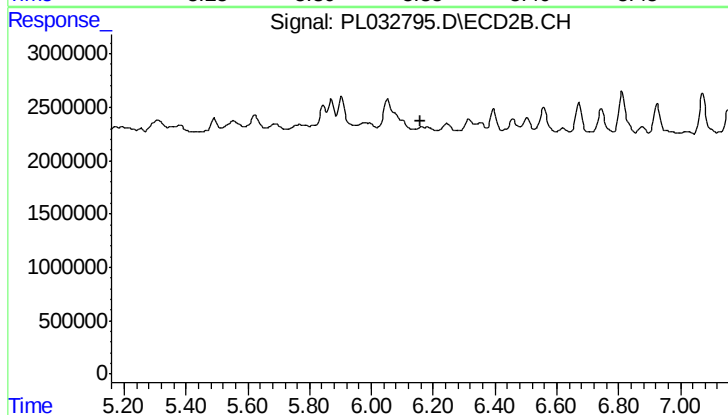
R.T.: 6.053 min  
Delta R.T.: -0.027 min  
Response: 6117828  
Conc: 22.20 ng/ml



#26 Chlordane-4

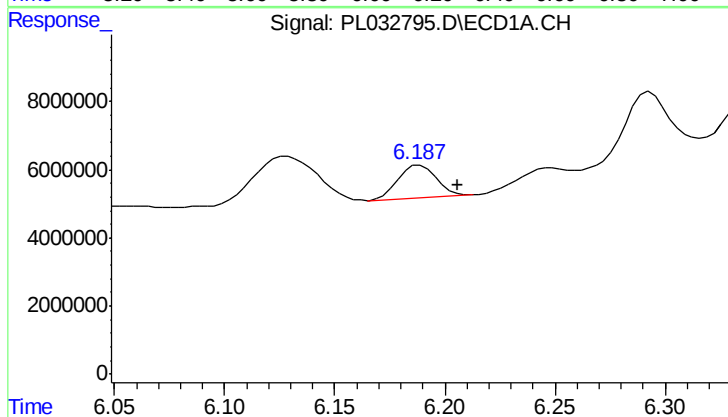
R.T.: 5.350 min  
Delta R.T.: -0.026 min  
Response: 11126706  
Conc: 8.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



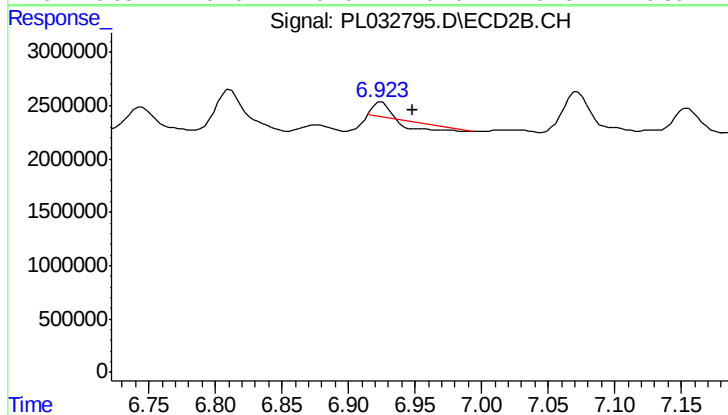
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.



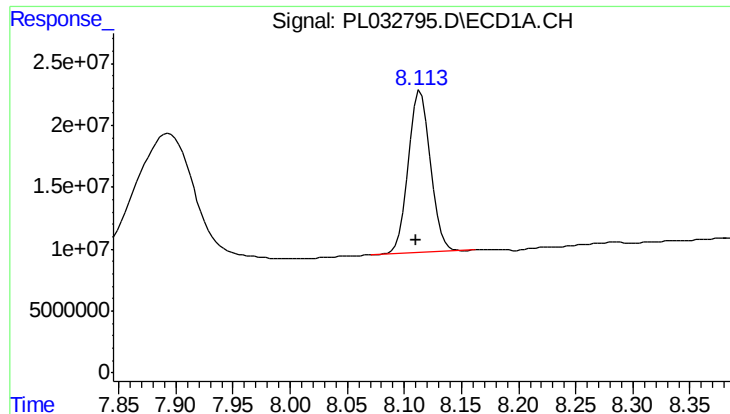
#27 Chlordane-5

R.T.: 6.189 min  
Delta R.T.: -0.017 min  
Response: 11458470  
Conc: 23.17 ng/ml



#27 Chlordane-5

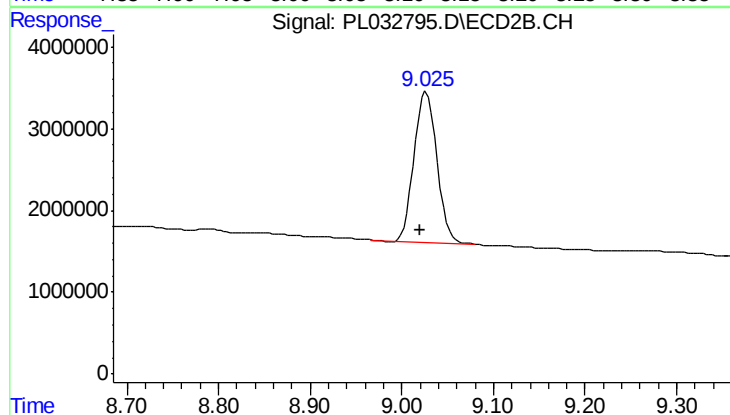
R.T.: 6.925 min  
Delta R.T.: -0.023 min  
Response: 17244  
Conc: 0.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.114 min  
Delta R.T.: 0.004 min  
Response: 176735036  
Conc: 15.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.008 min  
Response: 31537376  
Conc: 16.58 ng/ml