

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122724\  
 Data File : PL093533.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2024 12:18  
 Operator : AR\AJ  
 Sample : P5386-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 00:54:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 15:29:41 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 x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 3.544  | 2.781  | 15383112 | 33845392 | 6.214  | 11.626 #  |
| 28)                         | SA Decachlor... | 9.059  | 7.914  | 18885291 | 25616524 | 10.214 | 8.579     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.299f | 0        | 21529369 | N.D.   | 4.953 #   |
| 3)                          | MA gamma-BHC... | 4.307f | 3.618  | 5939619  | 4155389  | 1.811  | 0.985 #   |
| 4)                          | MA Heptachlor   | 0.000  | 3.968f | 0        | 27044431 | N.D.   | 6.507 #   |
| 5)                          | MB Aldrin       | 5.256  | 4.215  | 2069592  | 27379358 | 0.711  | 6.674 #   |
| 7)                          | B delta-BHC     | 4.763  | 4.148  | 36728368 | 6180333  | 11.993 | 1.461 #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.072f | 0        | 33319140 | N.D.   | 9.536 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.961f | 0        | 19835465 | N.D.   | 5.148 #   |
| 11)                         | B alpha-Chl...  | 6.038f | 5.072f | 6630716  | 33319140 | 2.649  | 8.751 #   |
| 12)                         | B 4,4'-DDE      | 6.216f | 5.249f | 19776661 | -2454229 | 8.814  | N.D. #    |
| 13)                         | MA Dieldrin     | 6.347  | 5.369  | -4116503 | 25858511 | N.D.   | 6.710     |
| 14)                         | MA Endrin       | 6.577  | 5.667f | 10106987 | 9533857  | 4.696  | 2.882 #   |
| 15)                         | B Endosulfa...  | 6.818f | 5.924  | 2783324  | 9105063  | 1.224  | 2.802 #   |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.795  | 21067755 | -133827  | 11.998 | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.000f | 6.033  | 28187735 | 38494051 | 15.249 | 12.745    |
| 18)                         | B Endrin al...  | 0.000  | 6.132f | 0        | 6210030  | N.D.   | 2.306 #   |
| 19)                         | B Endosulfa...  | 7.143f | 6.333  | 6356301  | 14759773 | 3.148  | 4.679 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.589f | 0        | 20067032 | N.D.   | 12.467 #  |
| 21)                         | B Endrin ke...  | 7.667f | 6.839  | 1812206  | -163370  | 0.808  | N.D. #    |
| 23)                         | Chlordane-1     | 4.697  | 3.788  | 10754675 | 30093580 | 98.967 | 249.179 # |
| 24)                         | Chlordane-2     | 5.256f | 4.347  | 2069592  | 13156992 | 18.827 | 94.784 #  |
| 25)                         | Chlordane-3     | 0.000  | 4.961f | 0        | 19835465 | N.D.   | 46.742 #  |
| 26)                         | Chlordane-4     | 6.038  | 5.014f | 6630716  | 20935534 | 14.594 | 50.896 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.924  | 0        | 9105063  | N.D.   | 68.385 #  |
| -----                       |                 |        |        |          |          |        |           |

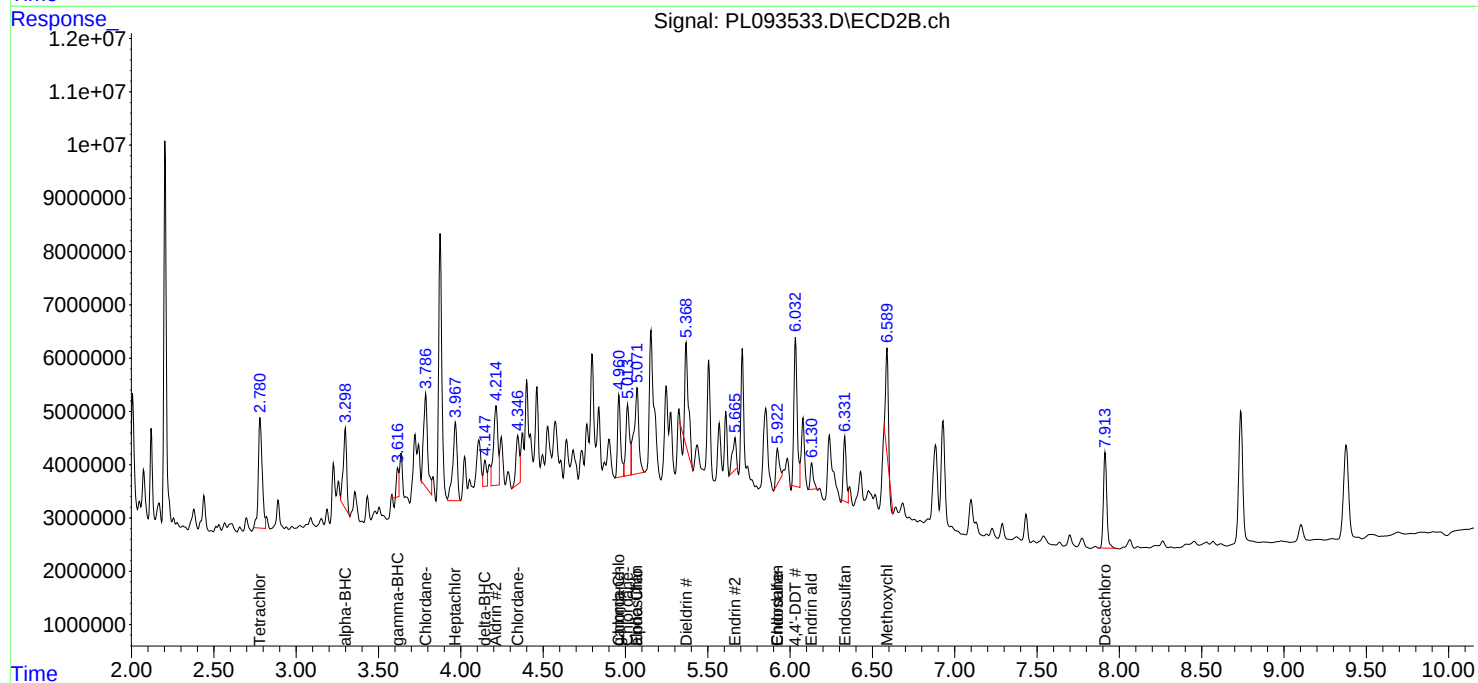
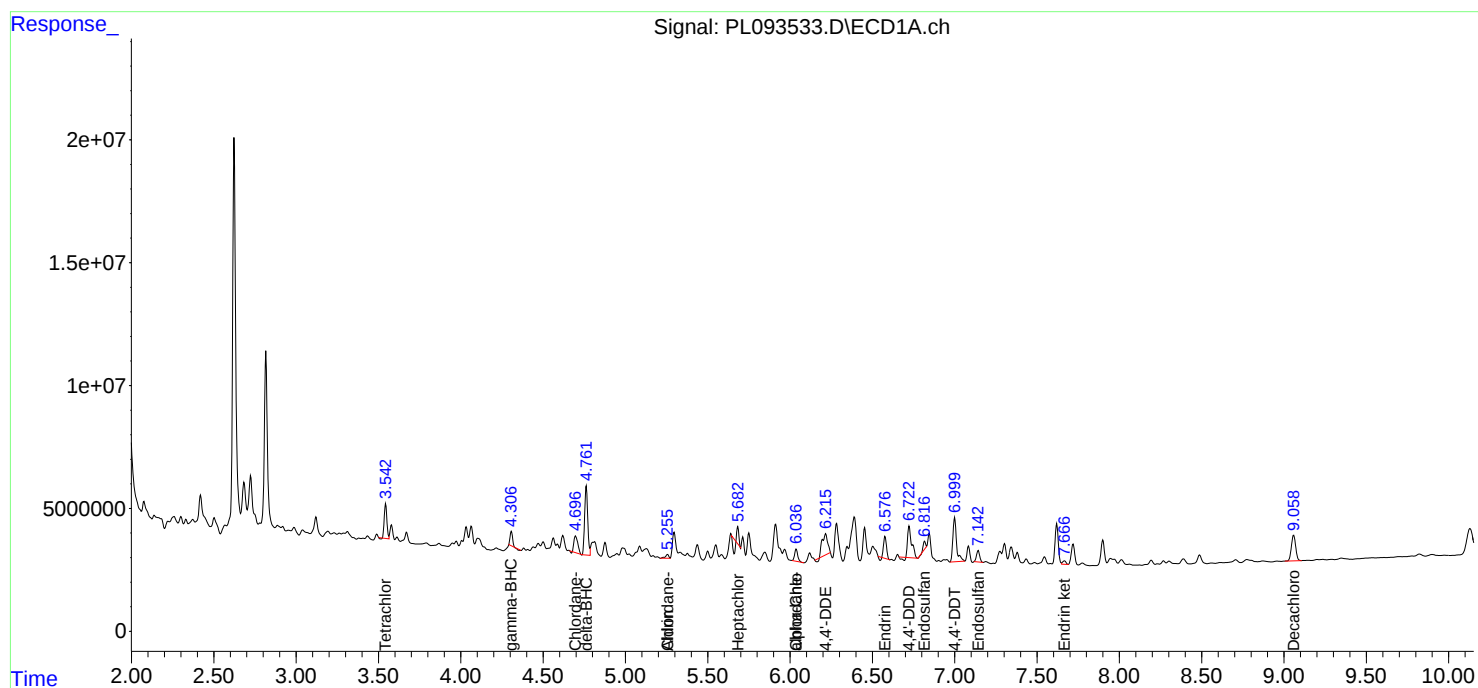
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

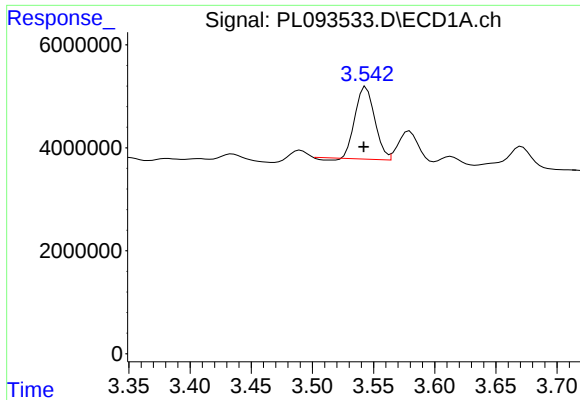
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122724\  
Data File : PL093533.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2024 12:18  
Operator : AR\AJ  
Sample : P5386-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 00:54:40 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
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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 x0.25µm

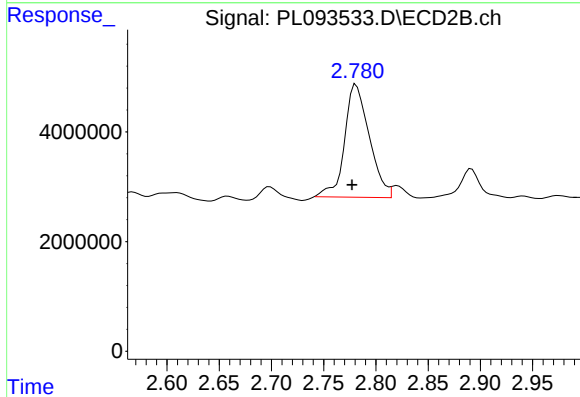




#1 Tetrachloro-m-xylene

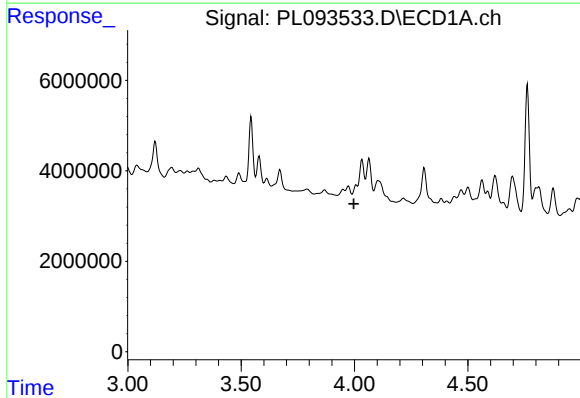
R.T.: 3.544 min  
Delta R.T.: 0.002 min  
Response: 15383112  
Conc: 6.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



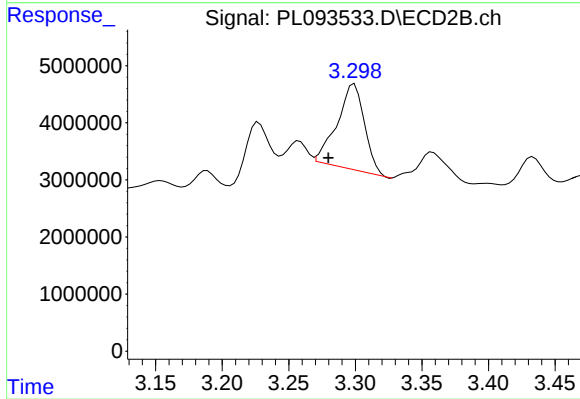
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: 0.004 min  
Response: 33845392  
Conc: 11.63 ng/ml



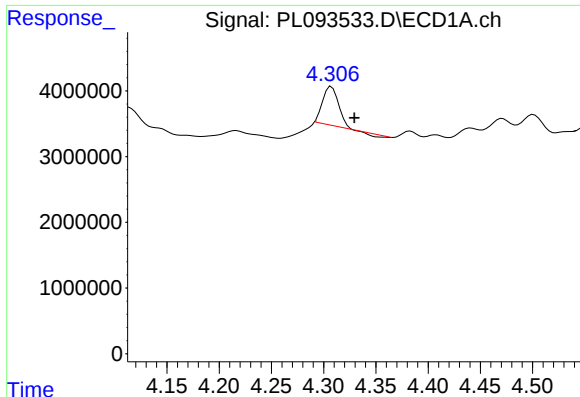
#2 alpha-BHC

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



#2 alpha-BHC

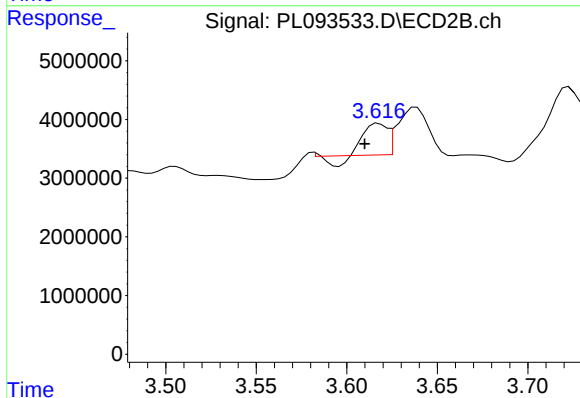
R.T.: 3.299 min  
Delta R.T.: 0.019 min  
Response: 21529369  
Conc: 4.95 ng/ml



#3 gamma-BHC (Lindane)

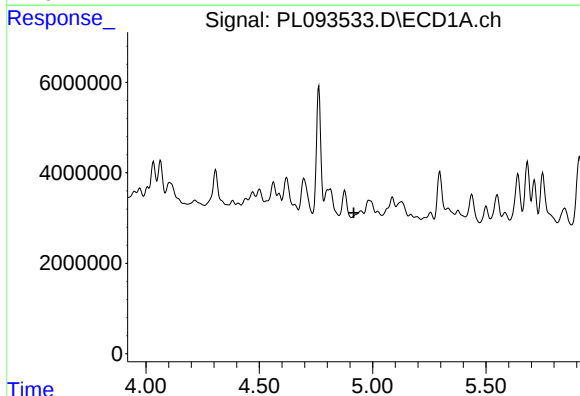
R.T.: 4.307 min  
Delta R.T.: -0.022 min  
Response: 5939619  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



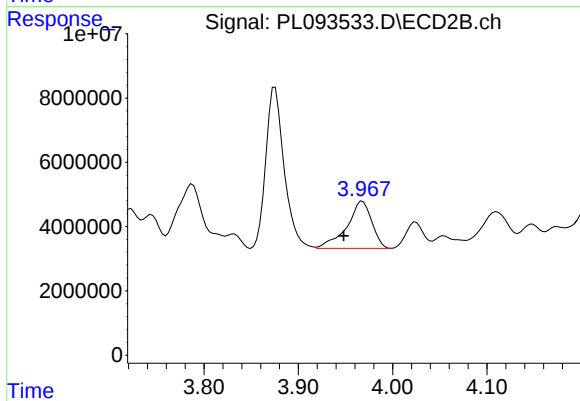
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.008 min  
Response: 4155389  
Conc: 0.98 ng/ml



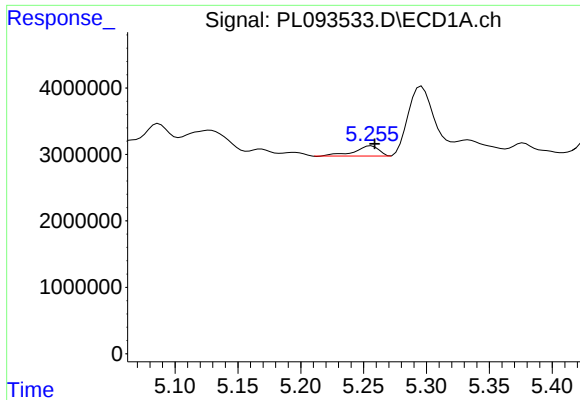
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.918 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

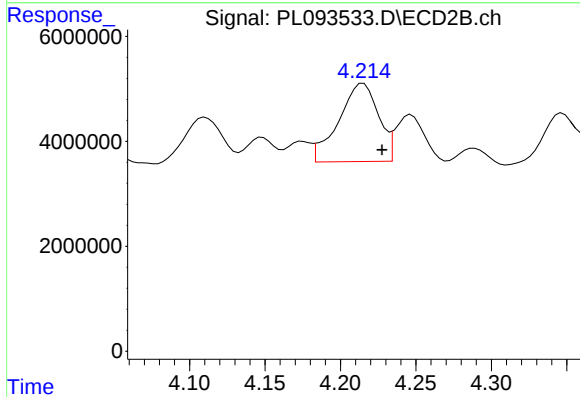
R.T.: 3.968 min  
Delta R.T.: 0.020 min  
Response: 27044431  
Conc: 6.51 ng/ml



#5 Aldrin

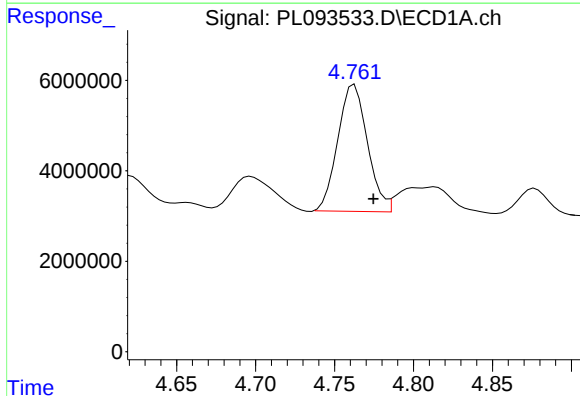
R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 2069592  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



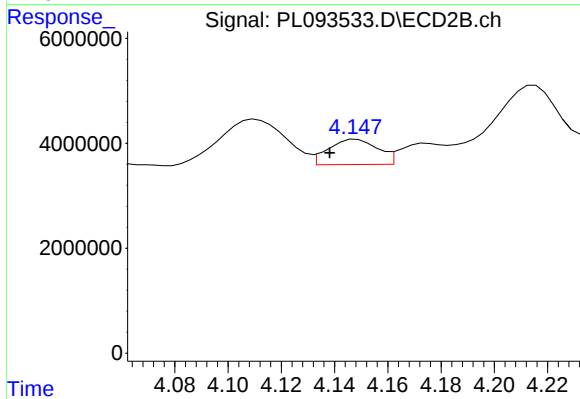
#5 Aldrin

R.T.: 4.215 min  
Delta R.T.: -0.012 min  
Response: 27379358  
Conc: 6.67 ng/ml



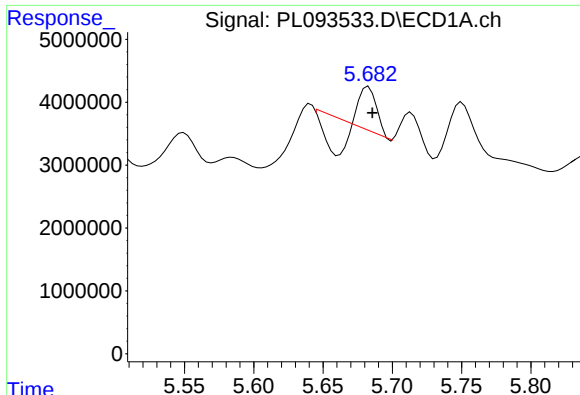
#7 delta-BHC

R.T.: 4.763 min  
Delta R.T.: -0.012 min  
Response: 36728368  
Conc: 11.99 ng/ml



#7 delta-BHC

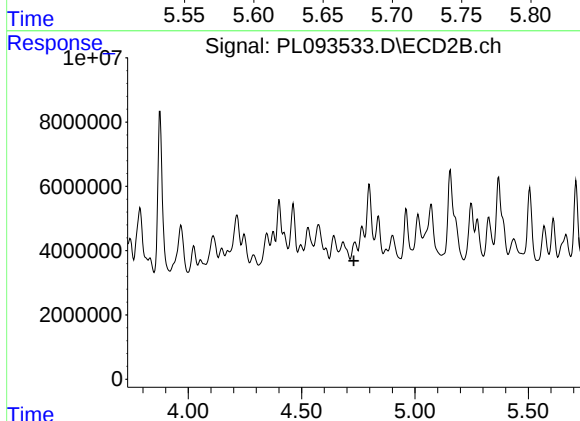
R.T.: 4.148 min  
Delta R.T.: 0.010 min  
Response: 6180333  
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

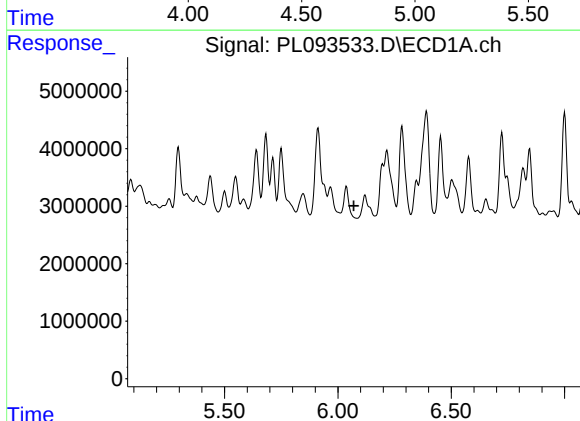
R.T.: 5.683 min  
Delta R.T.: -0.003 min  
Response: 257953  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



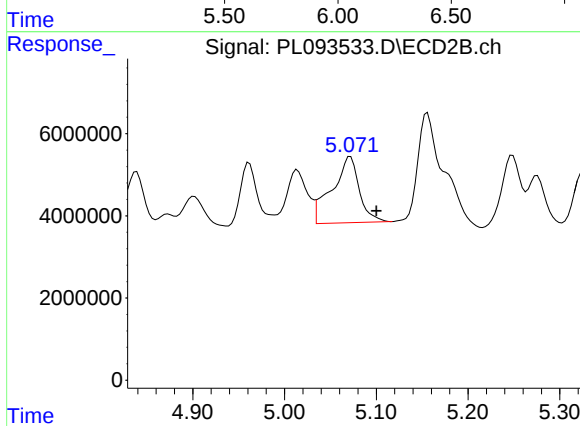
#8 Heptachlor epoxide

R.T.: 4.735 min  
Delta R.T.: 0.005 min  
Response: -1315882  
Conc: N.D.



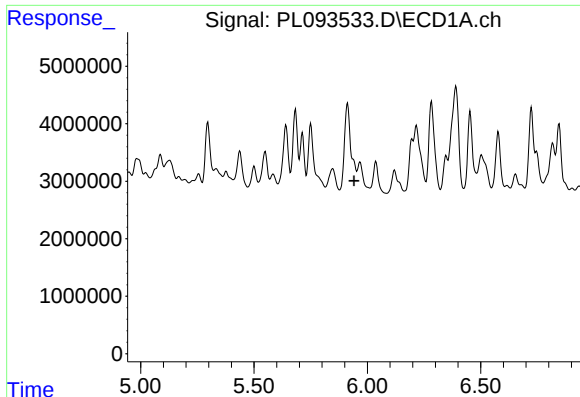
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.071 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

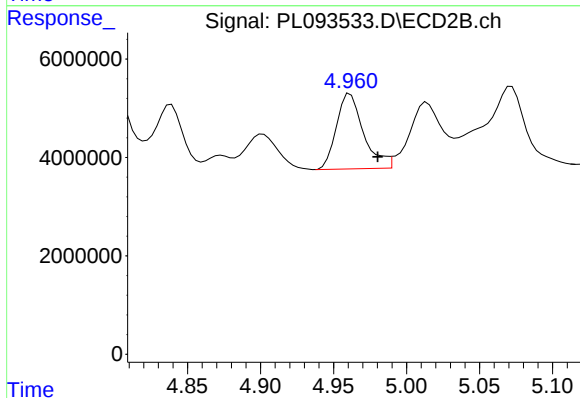
R.T.: 5.072 min  
Delta R.T.: -0.028 min  
Response: 33319140  
Conc: 9.54 ng/ml



#10 gamma-Chlordane

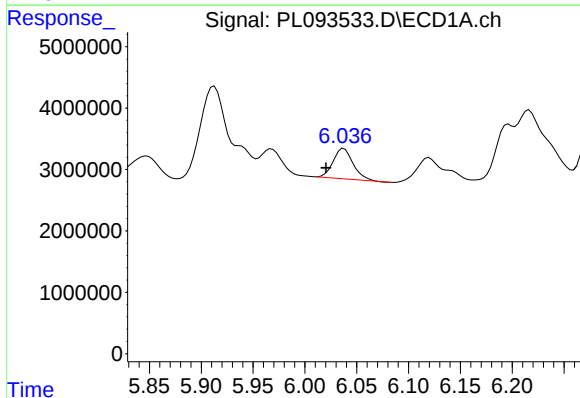
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



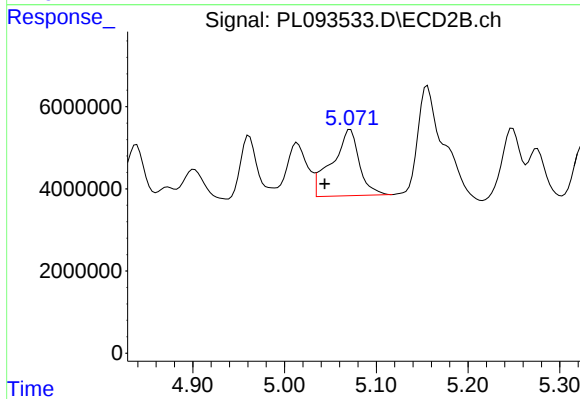
#10 gamma-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.019 min  
Response: 19835465  
Conc: 5.15 ng/ml



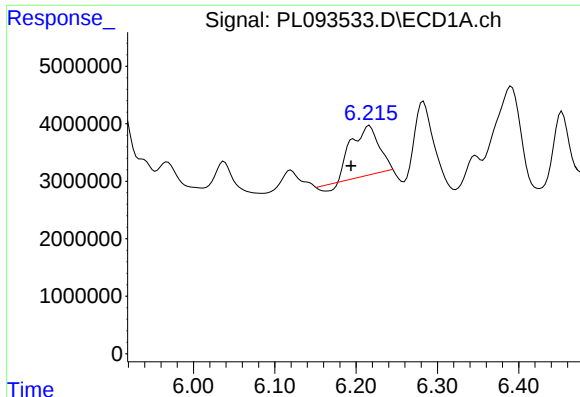
#11 alpha-Chlordane

R.T.: 6.038 min  
Delta R.T.: 0.017 min  
Response: 6630716  
Conc: 2.65 ng/ml



#11 alpha-Chlordane

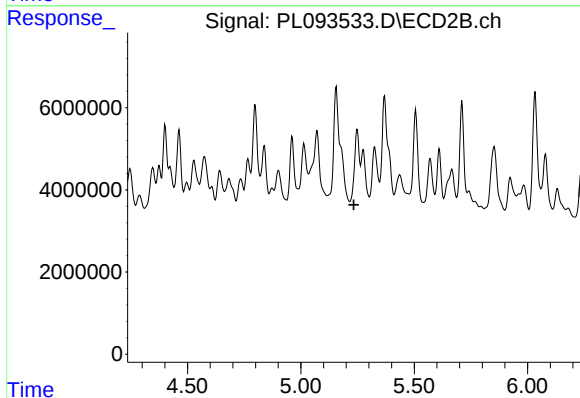
R.T.: 5.072 min  
Delta R.T.: 0.028 min  
Response: 33319140  
Conc: 8.75 ng/ml



#12 4,4'-DDE

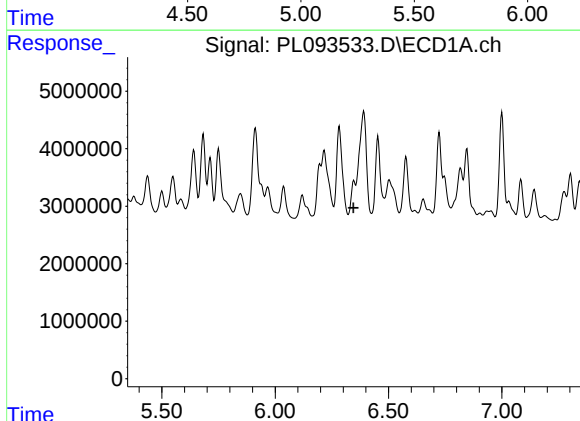
R.T.: 6.216 min  
Delta R.T.: 0.022 min  
Response: 19776661  
Conc: 8.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



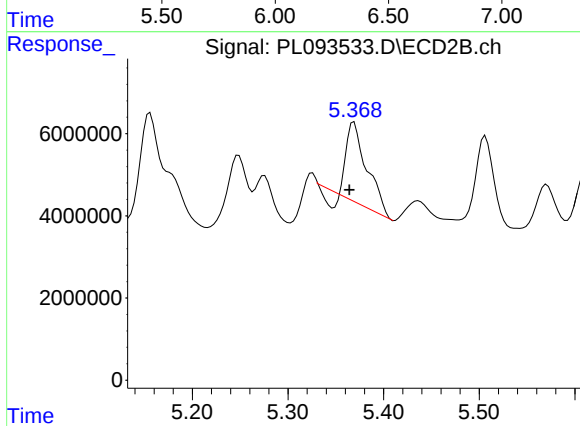
#12 4,4'-DDE

R.T.: 5.249 min  
Delta R.T.: 0.016 min  
Response: -2454229  
Conc: N.D.



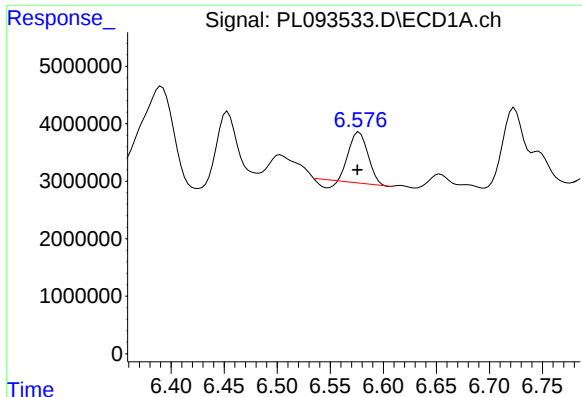
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.001 min  
Response: -4116503  
Conc: N.D.



#13 Dieldrin

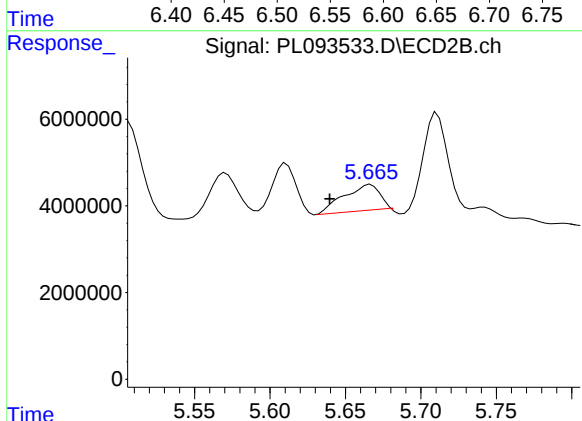
R.T.: 5.369 min  
Delta R.T.: 0.005 min  
Response: 25858511  
Conc: 6.71 ng/ml



#14 Endrin

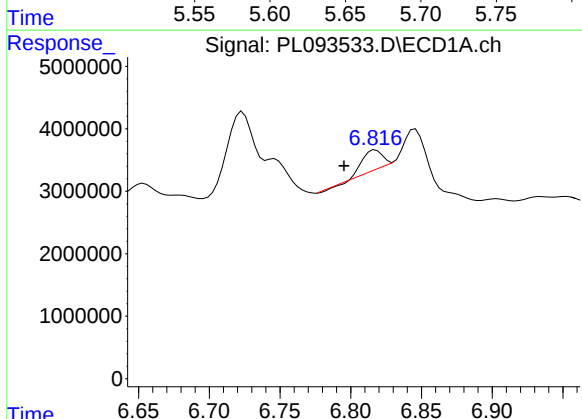
R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 10106987  
Conc: 4.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



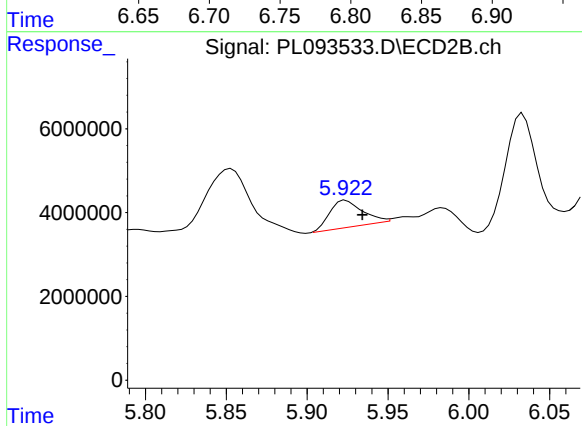
#14 Endrin

R.T.: 5.667 min  
Delta R.T.: 0.027 min  
Response: 9533857  
Conc: 2.88 ng/ml



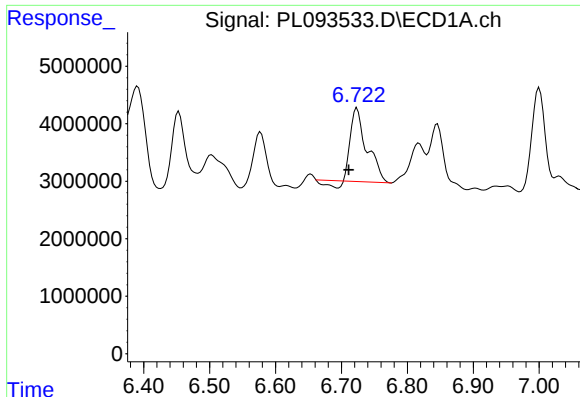
#15 Endosulfan II

R.T.: 6.818 min  
Delta R.T.: 0.022 min  
Response: 2783324  
Conc: 1.22 ng/ml



#15 Endosulfan II

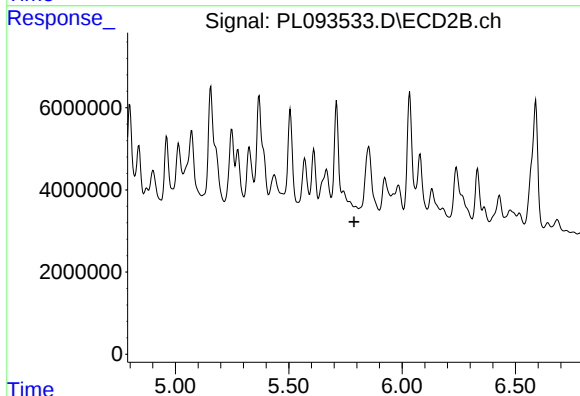
R.T.: 5.924 min  
Delta R.T.: -0.010 min  
Response: 9105063  
Conc: 2.80 ng/ml



#16 4,4'-DDD

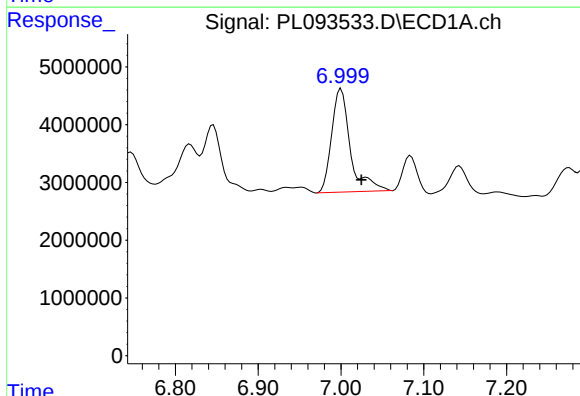
R.T.: 6.724 min  
Delta R.T.: 0.013 min  
Response: 21067755  
Conc: 12.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



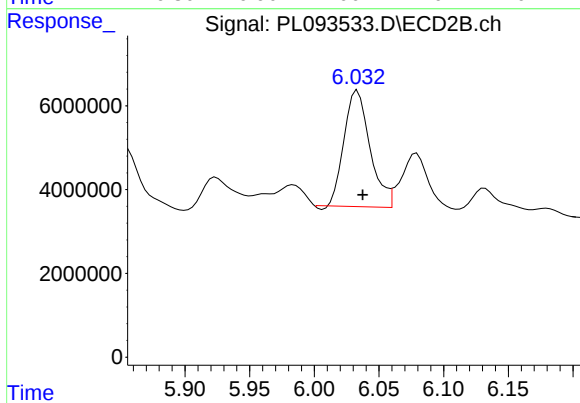
#16 4,4'-DDD

R.T.: 5.795 min  
Delta R.T.: 0.007 min  
Response: -133827  
Conc: N.D.



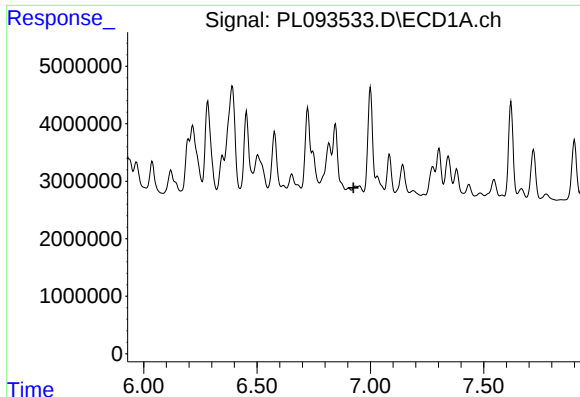
#17 4,4'-DDT

R.T.: 7.000 min  
Delta R.T.: -0.025 min  
Response: 28187735  
Conc: 15.25 ng/ml



#17 4,4'-DDT

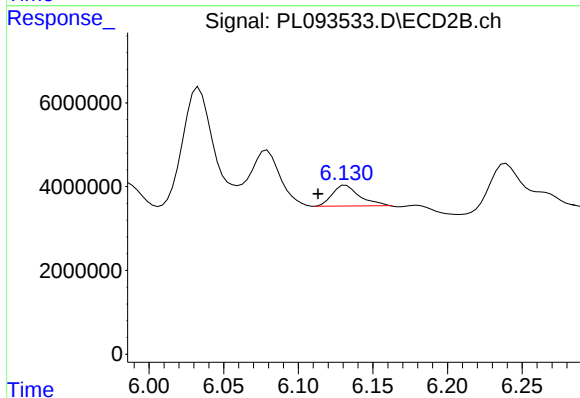
R.T.: 6.033 min  
Delta R.T.: -0.004 min  
Response: 38494051  
Conc: 12.75 ng/ml



#18 Endrin aldehyde

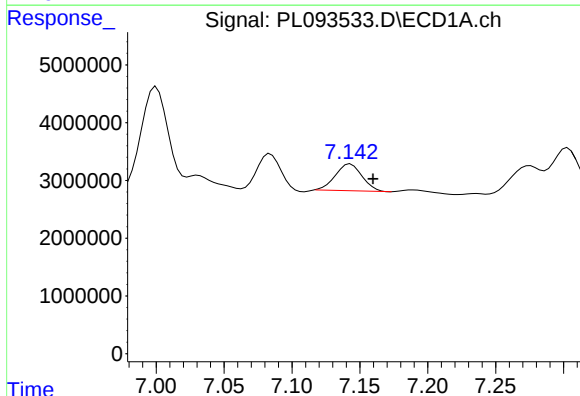
R.T.: 0.000 min  
Exp R.T.: 6.926 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



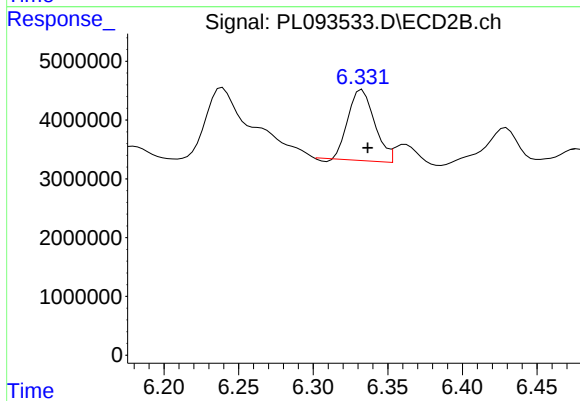
#18 Endrin aldehyde

R.T.: 6.132 min  
Delta R.T.: 0.019 min  
Response: 6210030  
Conc: 2.31 ng/ml



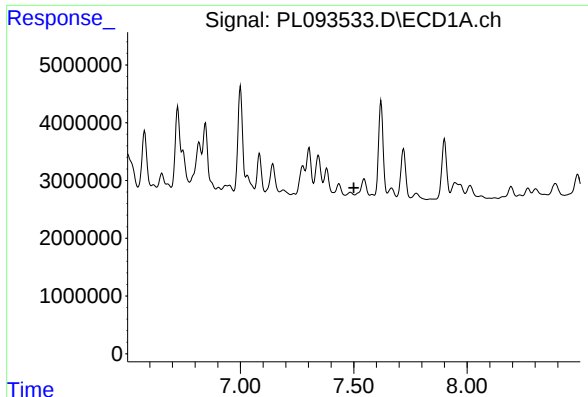
#19 Endosulfan Sulfate

R.T.: 7.143 min  
Delta R.T.: -0.017 min  
Response: 6356301  
Conc: 3.15 ng/ml



#19 Endosulfan Sulfate

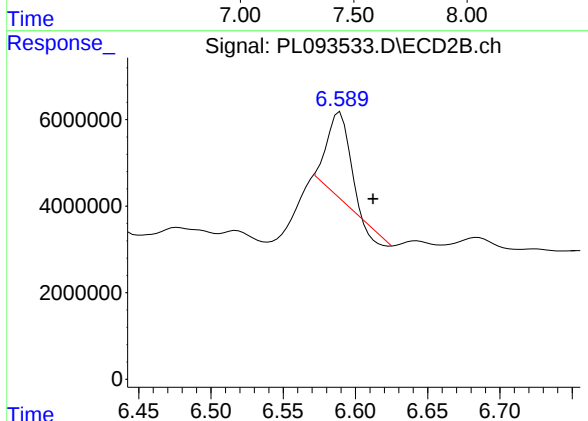
R.T.: 6.333 min  
Delta R.T.: -0.004 min  
Response: 14759773  
Conc: 4.68 ng/ml



#20 Methoxychlor

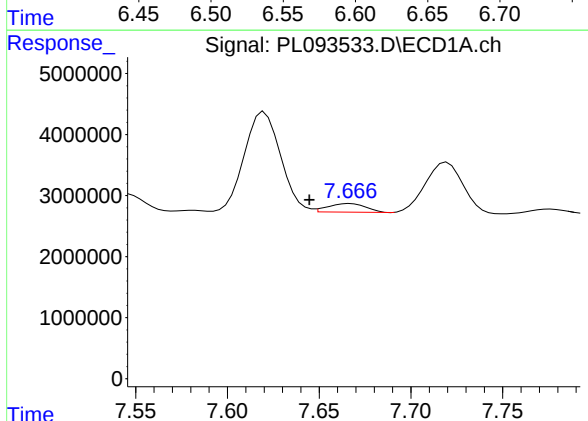
R.T.: 0.000 min  
Exp R.T.: 7.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



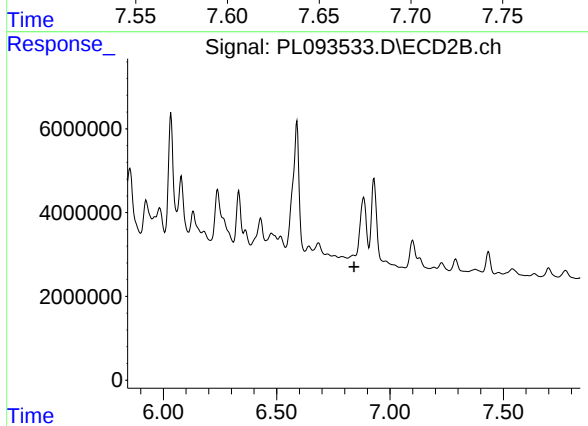
#20 Methoxychlor

R.T.: 6.589 min  
Delta R.T.: -0.023 min  
Response: 20067032  
Conc: 12.47 ng/ml



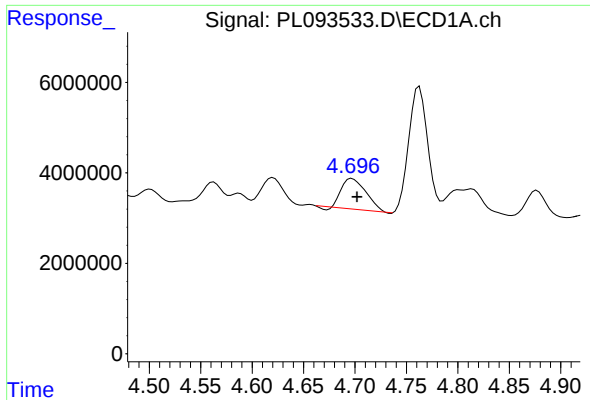
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.022 min  
Response: 1812206  
Conc: 0.81 ng/ml



#21 Endrin ketone

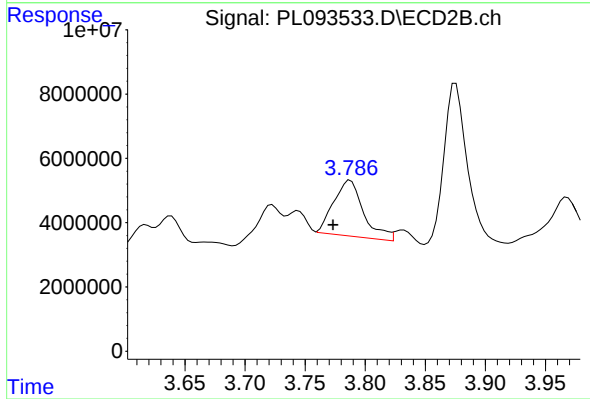
R.T.: 6.839 min  
Delta R.T.: -0.003 min  
Response: -163370  
Conc: N.D.



#23 Chlordane-1

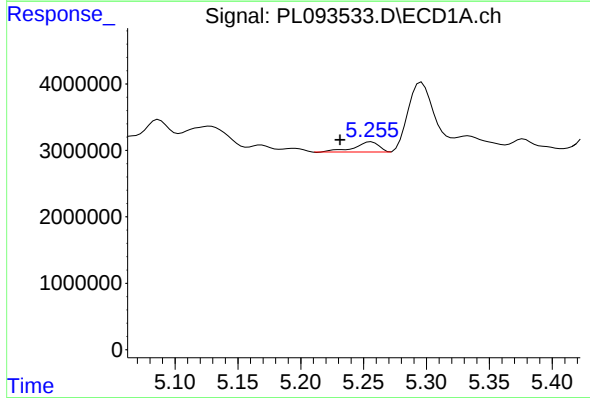
R.T.: 4.697 min  
Delta R.T.: -0.005 min  
Response: 10754675  
Conc: 98.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



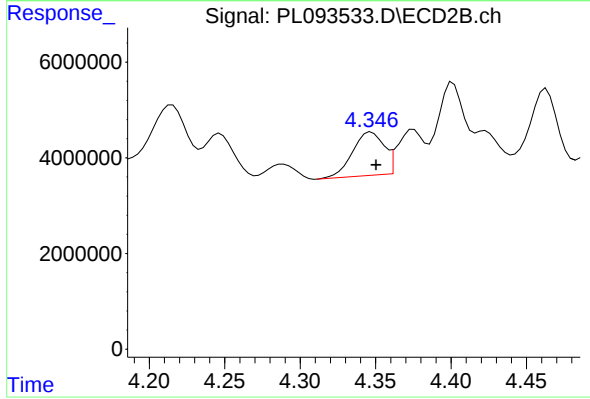
#23 Chlordane-1

R.T.: 3.788 min  
Delta R.T.: 0.015 min  
Response: 30093580  
Conc: 249.18 ng/ml



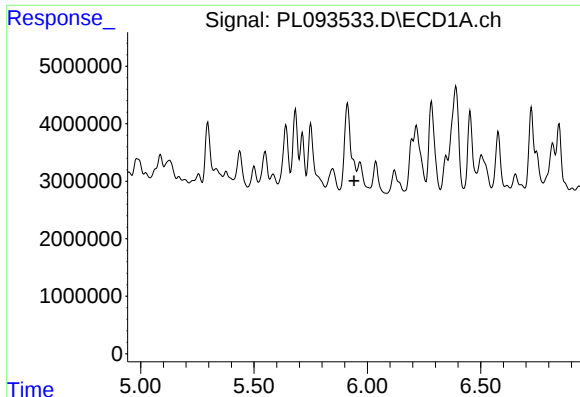
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.025 min  
Response: 2069592  
Conc: 18.83 ng/ml



#24 Chlordane-2

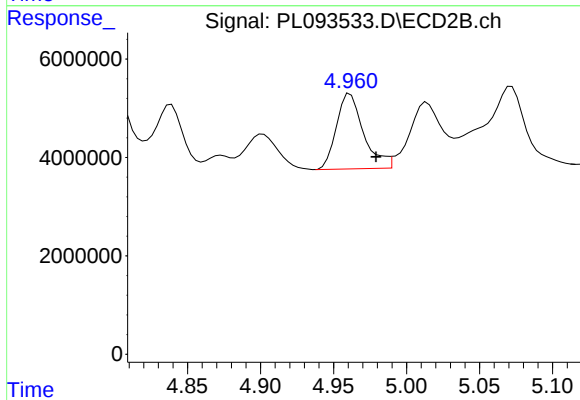
R.T.: 4.347 min  
Delta R.T.: -0.003 min  
Response: 13156992  
Conc: 94.78 ng/ml



#25 Chlordane-3

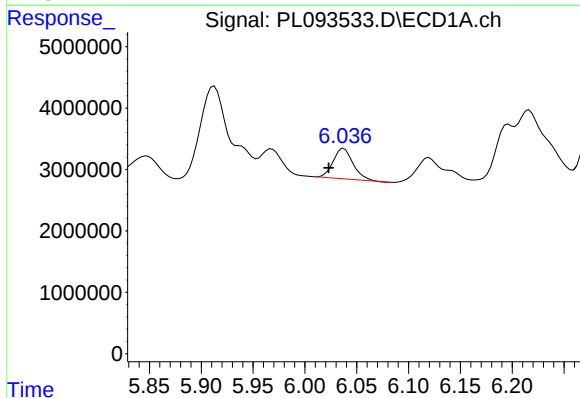
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



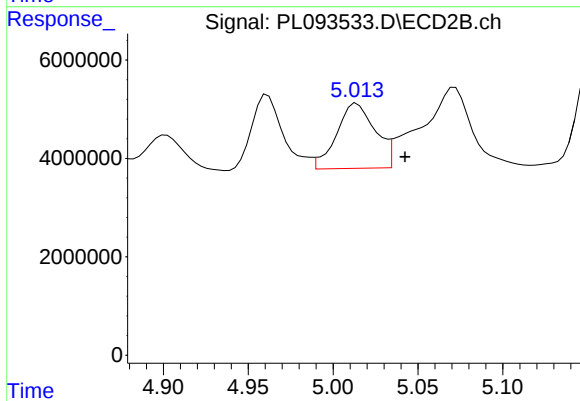
#25 Chlordane-3

R.T.: 4.961 min  
Delta R.T.: -0.018 min  
Response: 19835465  
Conc: 46.74 ng/ml



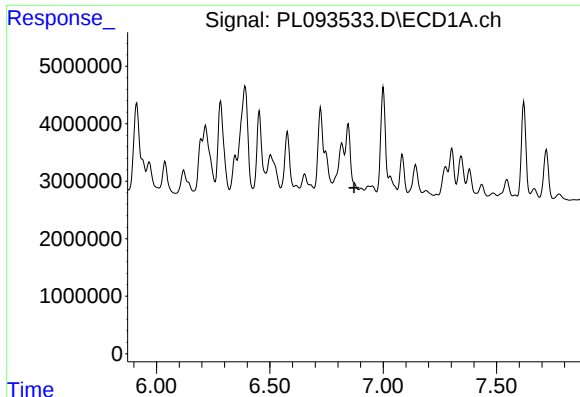
#26 Chlordane-4

R.T.: 6.038 min  
Delta R.T.: 0.015 min  
Response: 6630716  
Conc: 14.59 ng/ml



#26 Chlordane-4

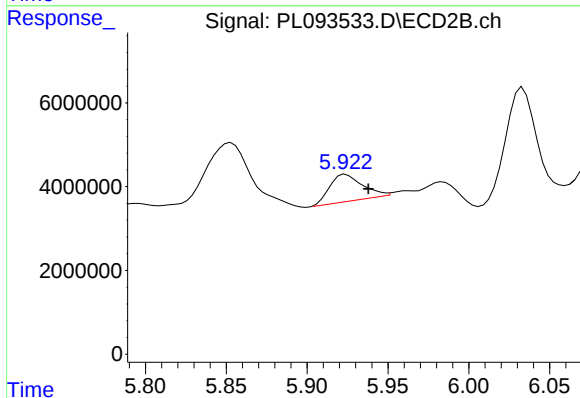
R.T.: 5.014 min  
Delta R.T.: -0.028 min  
Response: 20935534  
Conc: 50.90 ng/ml



#27 Chlordane-5

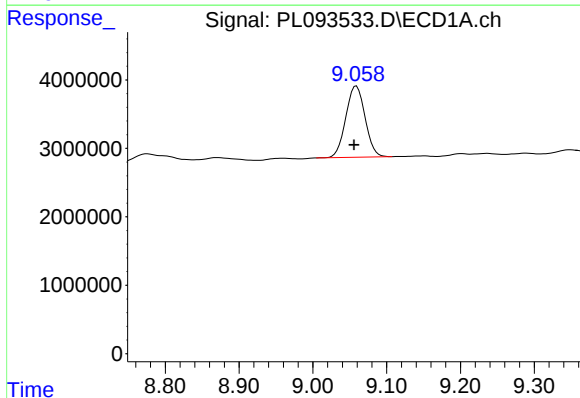
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



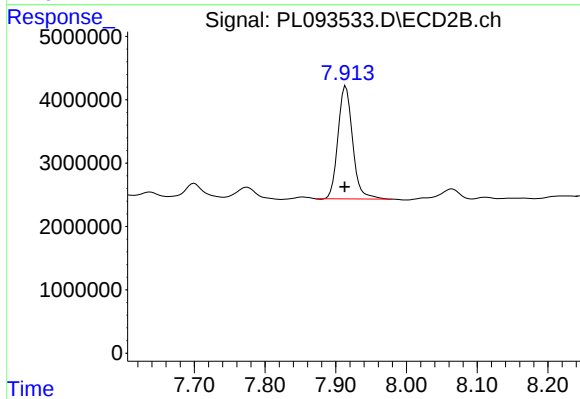
#27 Chlordane-5

R.T.: 5.924 min  
Delta R.T.: -0.014 min  
Response: 9105063  
Conc: 68.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: 0.003 min  
Response: 18885291  
Conc: 10.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.002 min  
Response: 25616524  
Conc: 8.58 ng/ml