

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
 Data File : PL085997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2023 14:47  
 Operator : AR\AJ  
 Sample : 04870-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 16:40:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.362  | 2.622  | 36906344 | 17089719 | 12.409 | 18.295 # |
| 2)                          | SA Decachlor... | 8.863  | 7.776  | 132.5E6  | 11168943 | 60.835 | 12.101 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.786f | 3.150f | 17197042 | 3319     | 4.007  | 0.003 #  |
| 3)                          | MA gamma-BHC... | 4.152  | 3.429f | 14688002 | 8497043  | 3.554  | 6.889 #  |
| 4)                          | MA Heptachlor   | 4.749f | 3.799  | 23600197 | 3083223  | 6.102  | 2.651 #  |
| 5)                          | MB Aldrin       | 5.064  | 4.049  | 5819676  | 6096014  | 1.501  | 5.451 #  |
| 6)                          | B beta-BHC      | 4.331f | 3.759  | 7890714  | 2756127  | 4.772  | 5.294    |
| 7)                          | B delta-BHC     | 4.607f | 3.984  | 14894249 | 726831   | 3.884  | 0.633 #  |
| 8)                          | B Heptachlo...  | 5.473f | 0.000  | 3191151  | 0        | 0.925  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.885  | 0.000  | 7160499  | 0        | 2.214  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.783f | 4.803f | 20490133 | 3259843  | 5.989  | 3.291 #  |
| 11)                         | B alpha-Chl...  | 5.837  | 4.888  | 9258555  | 5949825  | 2.709  | 5.455 #  |
| 12)                         | B 4,4'-DDE      | 6.025  | 5.073  | 16212950 | 39033    | 5.797  | 0.048 #  |
| 13)                         | MA Dieldrin     | 6.181f | 5.209  | 3926329  | 1508782  | 1.195  | 1.555 #  |
| 14)                         | MA Endrin       | 6.391  | 5.458f | 2465708  | 1072437  | 0.865  | 1.193 #  |
| 16)                         | A 4,4'-DDD      | 6.554  | 5.633  | 11840025 | 2003207  | 5.877  | 2.878 #  |
| 17)                         | MA 4,4'-DDT     | 6.845  | 5.861f | 7335385  | 1522454  | 3.112  | 1.925 #  |
| 18)                         | B Endrin al...  | 6.753  | 5.957  | 12310781 | 1683867  | 6.074  | 2.258 #  |
| 20)                         | A Methoxychlor  | 7.332  | 6.465  | 3966815  | 8989663  | 2.840  | 17.088 # |
| 21)                         | B Endrin ke...  | 7.466  | 6.664  | 34847624 | 2413748  | 12.099 | 2.100 #  |
| 22)                         | Mirex           | 7.911f | 6.882f | 8942740  | 3954698  | 4.039  | 4.193    |
| 23)                         | Chlordane-1     | 4.492f | 3.616  | 1378588  | 2630953  | 11.468 | 80.707 # |
| 24)                         | Chlordane-2     | 5.064  | 4.201  | 5819676  | 1652572  | 44.752 | 42.467   |
| 25)                         | Chlordane-3     | 5.783f | 4.803f | 20490133 | 3259843  | 40.161 | 32.260   |
| 26)                         | Chlordane-4     | 5.837  | 4.888  | 9258555  | 5949825  | 14.593 | 51.387 # |
| -----                       |                 |        |        |          |          |        |          |

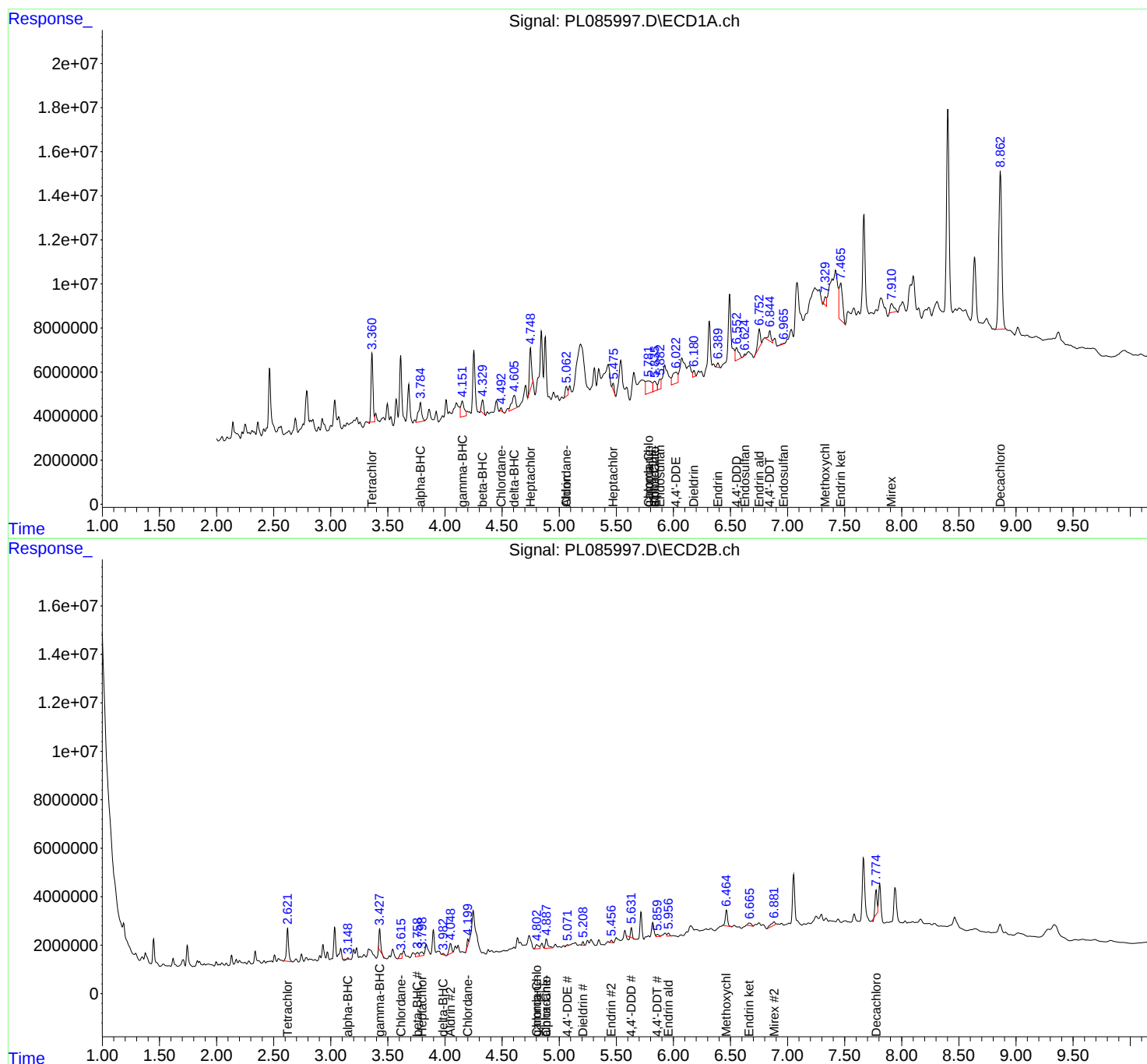
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

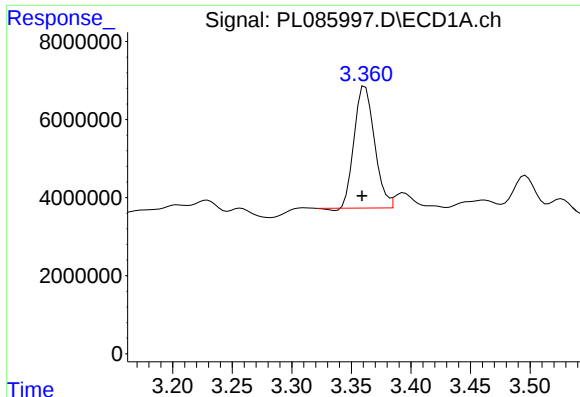
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
Data File : PL085997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Operator : AR\AJ  
Sample : 04870-01  
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ALS Vial : 10 Sample Multiplier: 1

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ECD\_L  
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Integration File signal 1: autoint1.e  
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Quant Time: Oct 18 16:40:03 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

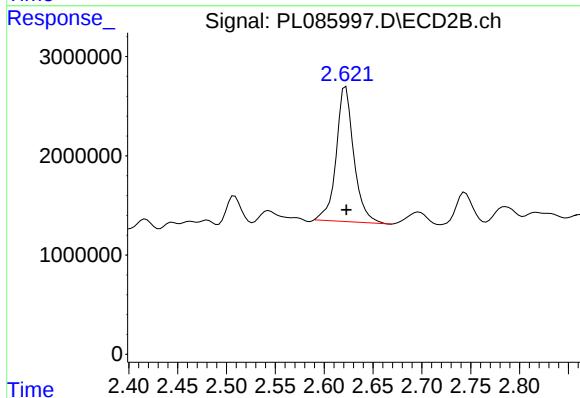




#1 Tetrachloro-m-xylene

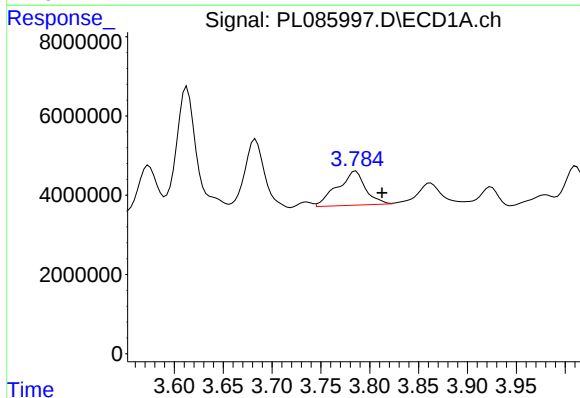
R.T.: 3.362 min  
Delta R.T.: 0.003 min  
Response: 36906344  
Conc: 12.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



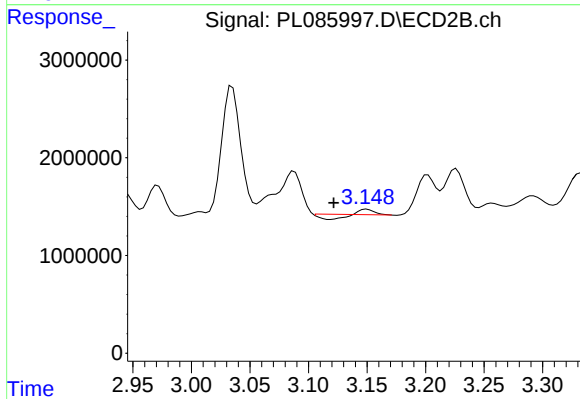
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 17089719  
Conc: 18.30 ng/ml



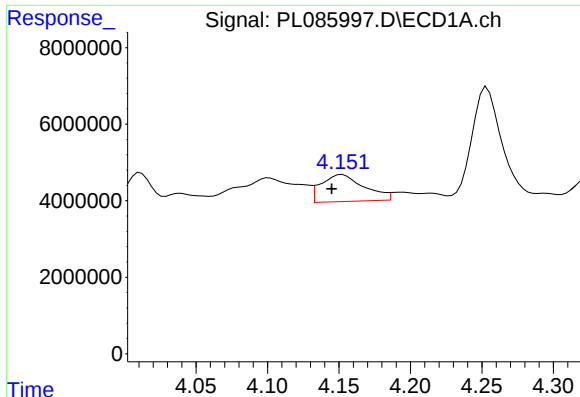
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: -0.027 min  
Response: 17197042  
Conc: 4.01 ng/ml



#2 alpha-BHC

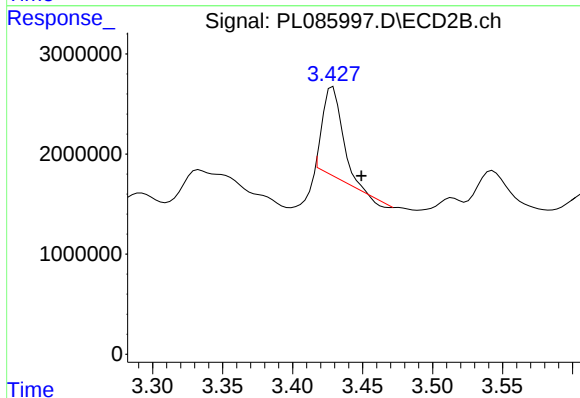
R.T.: 3.150 min  
Delta R.T.: 0.028 min  
Response: 3319  
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

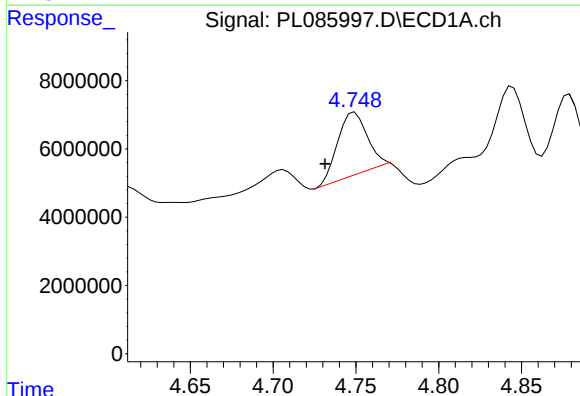
R.T.: 4.152 min  
Delta R.T.: 0.007 min  
Response: 14688002  
Conc: 3.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



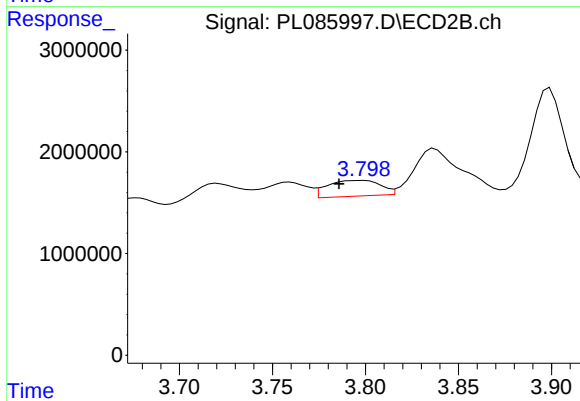
#3 gamma-BHC (Lindane)

R.T.: 3.429 min  
Delta R.T.: -0.020 min  
Response: 8497043  
Conc: 6.89 ng/ml



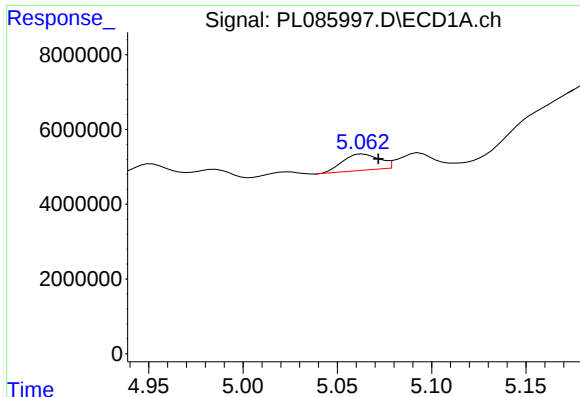
#4 Heptachlor

R.T.: 4.749 min  
Delta R.T.: 0.018 min  
Response: 23600197  
Conc: 6.10 ng/ml



#4 Heptachlor

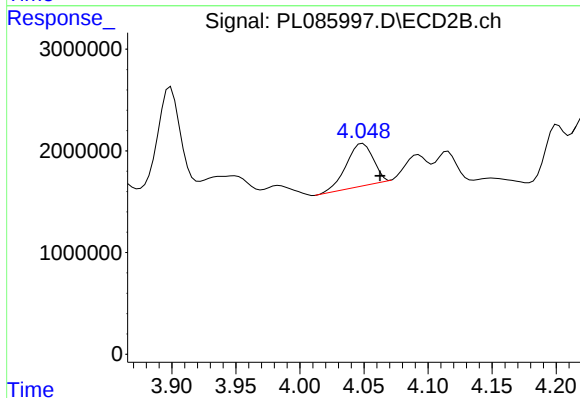
R.T.: 3.799 min  
Delta R.T.: 0.013 min  
Response: 3083223  
Conc: 2.65 ng/ml



#5 Aldrin

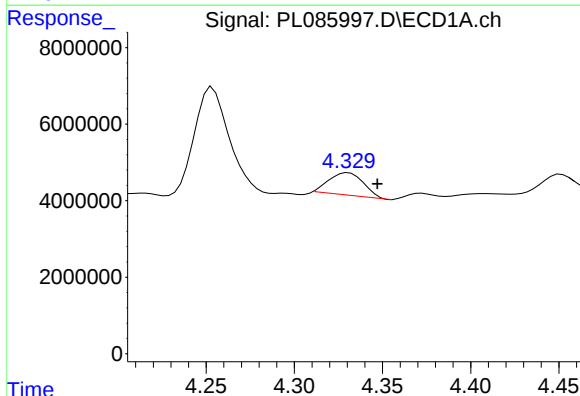
R.T.: 5.064 min  
Delta R.T.: -0.008 min  
Response: 5819676  
Conc: 1.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



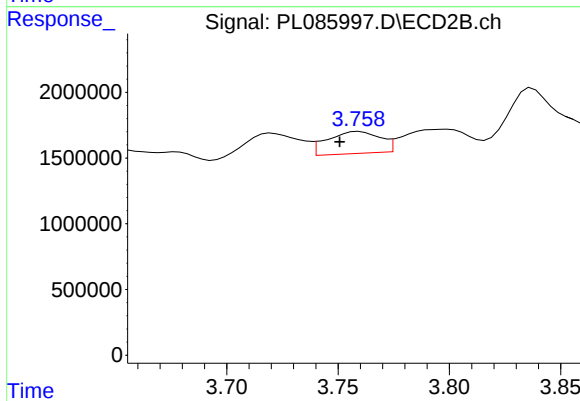
#5 Aldrin

R.T.: 4.049 min  
Delta R.T.: -0.013 min  
Response: 6096014  
Conc: 5.45 ng/ml



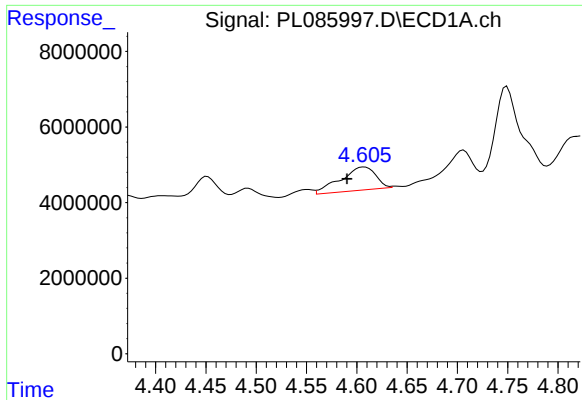
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: -0.016 min  
Response: 7890714  
Conc: 4.77 ng/ml



#6 beta-BHC

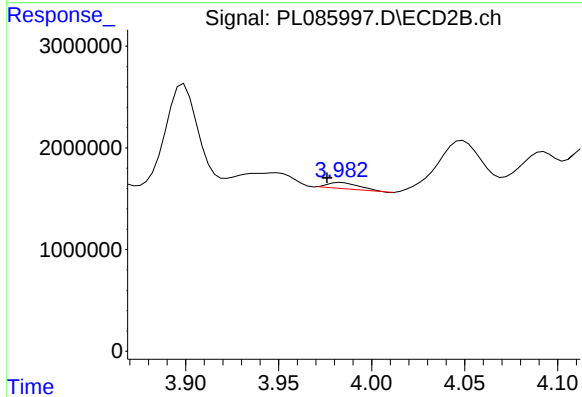
R.T.: 3.759 min  
Delta R.T.: 0.009 min  
Response: 2756127  
Conc: 5.29 ng/ml



#7 delta-BHC

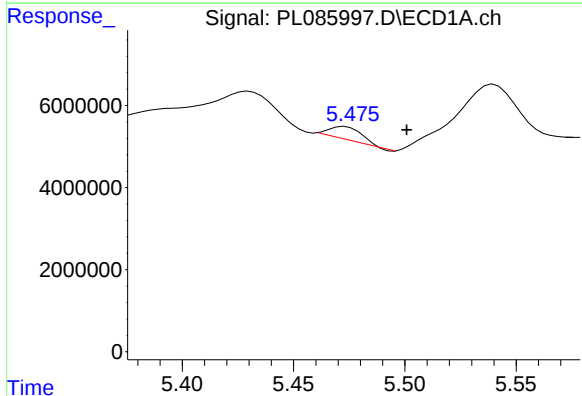
R.T.: 4.607 min  
Delta R.T.: 0.017 min  
Response: 14894249  
Conc: 3.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



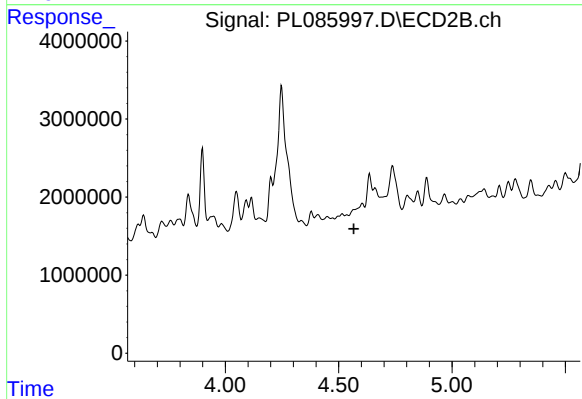
#7 delta-BHC

R.T.: 3.984 min  
Delta R.T.: 0.008 min  
Response: 726831  
Conc: 0.63 ng/ml



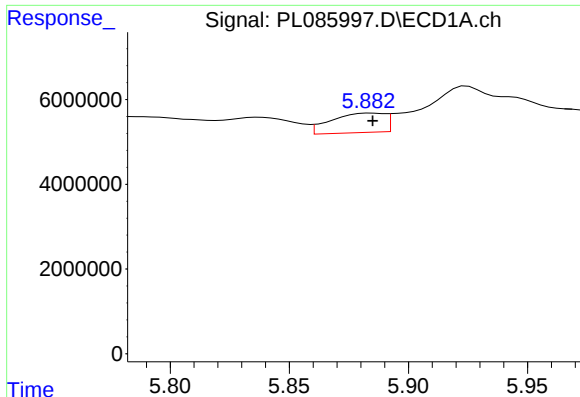
#8 Heptachlor epoxide

R.T.: 5.473 min  
Delta R.T.: -0.028 min  
Response: 3191151  
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

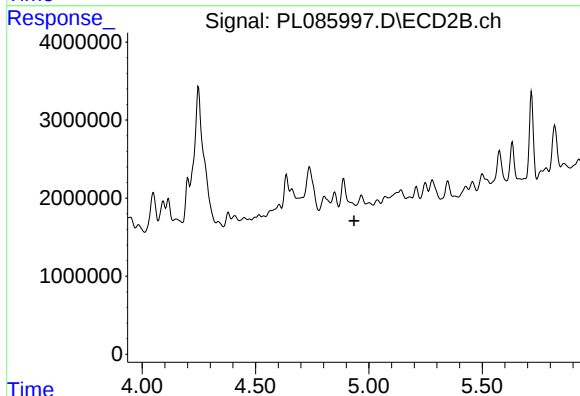
R.T.: 0.000 min  
Exp R.T. : 4.567 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

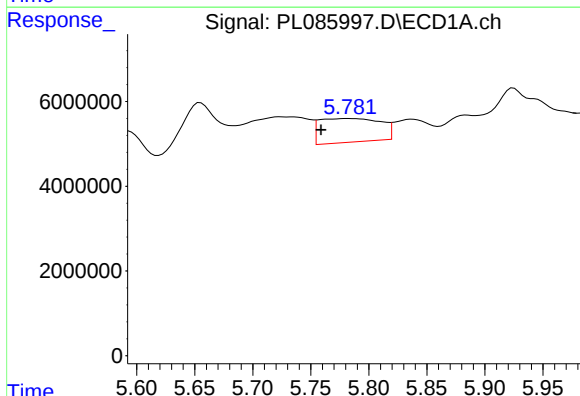
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 7160499  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



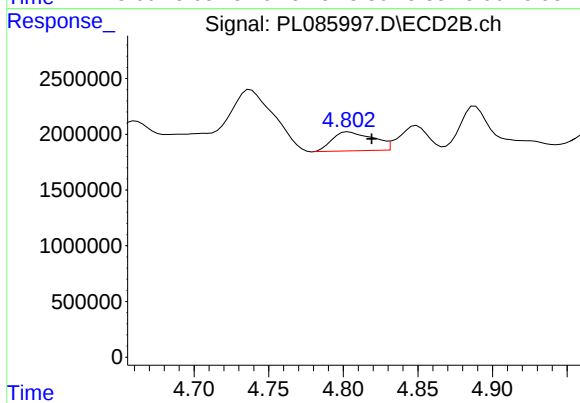
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.935 min  
Response: 0  
Conc: N.D.



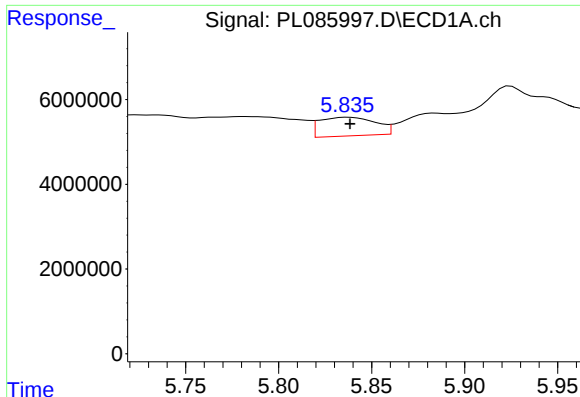
#10 gamma-Chlordane

R.T.: 5.783 min  
Delta R.T.: 0.024 min  
Response: 20490133  
Conc: 5.99 ng/ml



#10 gamma-Chlordane

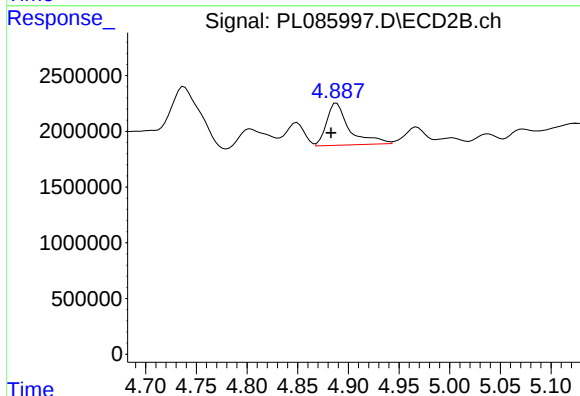
R.T.: 4.803 min  
Delta R.T.: -0.015 min  
Response: 3259843  
Conc: 3.29 ng/ml



#11 alpha-Chlordane

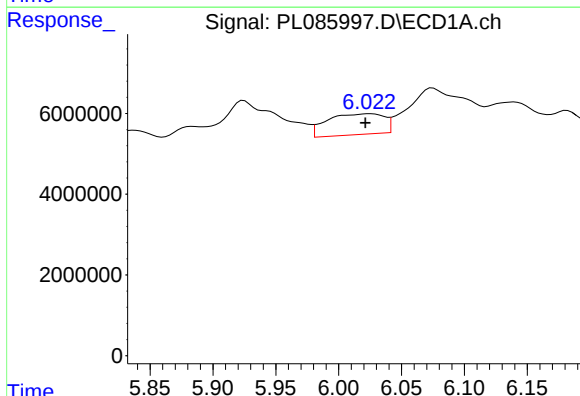
R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 9258555  
Conc: 2.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



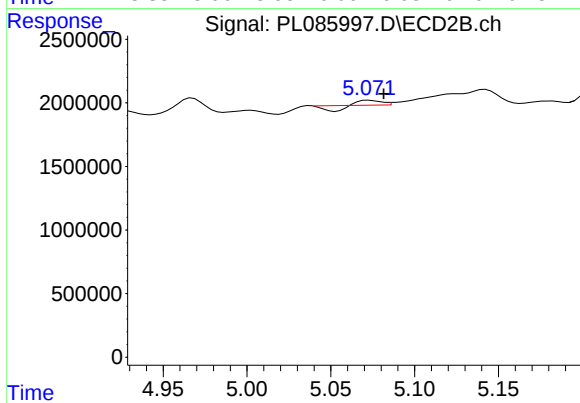
#11 alpha-Chlordane

R.T.: 4.888 min  
Delta R.T.: 0.006 min  
Response: 5949825  
Conc: 5.45 ng/ml



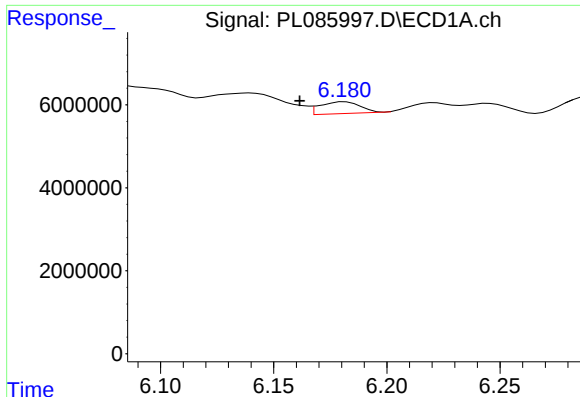
#12 4,4'-DDE

R.T.: 6.025 min  
Delta R.T.: 0.004 min  
Response: 16212950  
Conc: 5.80 ng/ml



#12 4,4'-DDE

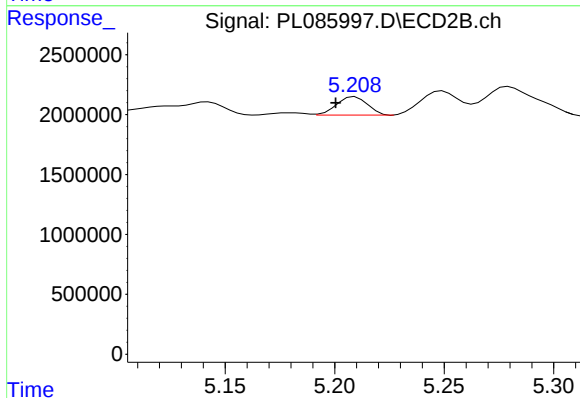
R.T.: 5.073 min  
Delta R.T.: -0.009 min  
Response: 39033  
Conc: 0.05 ng/ml



#13 Dieldrin

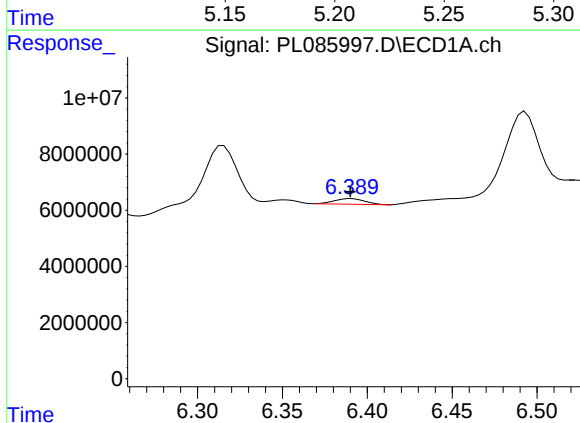
R.T.: 6.181 min  
Delta R.T.: 0.020 min  
Response: 3926329  
Conc: 1.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



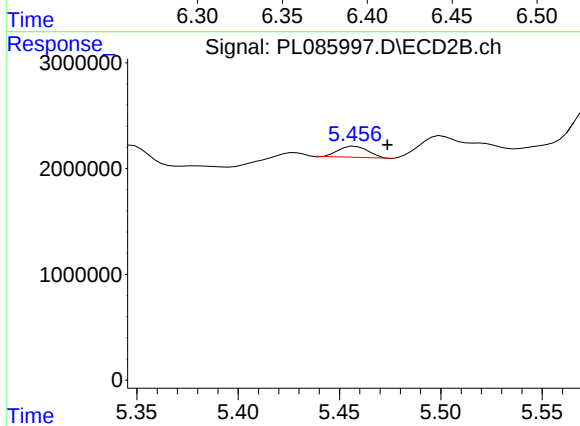
#13 Dieldrin

R.T.: 5.209 min  
Delta R.T.: 0.009 min  
Response: 1508782  
Conc: 1.56 ng/ml



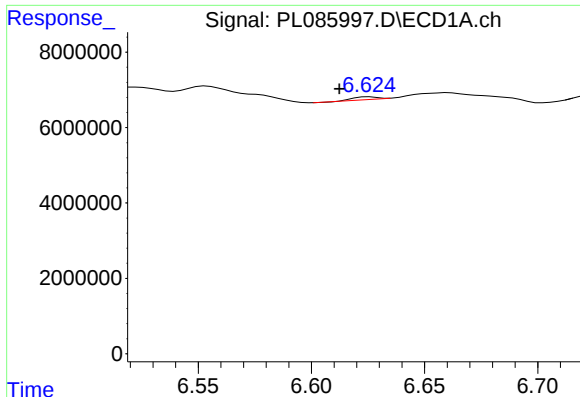
#14 Endrin

R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 2465708  
Conc: 0.87 ng/ml



#14 Endrin

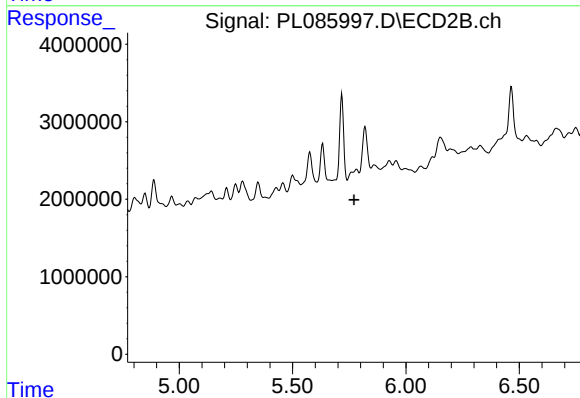
R.T.: 5.458 min  
Delta R.T.: -0.016 min  
Response: 1072437  
Conc: 1.19 ng/ml



#15 Endosulfan II

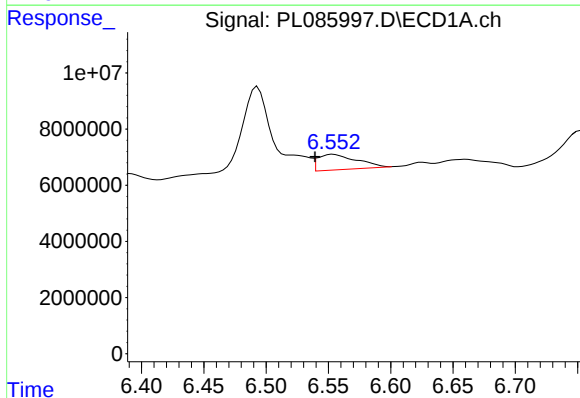
R.T.: 6.626 min  
Delta R.T.: 0.013 min  
Response: 470385  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



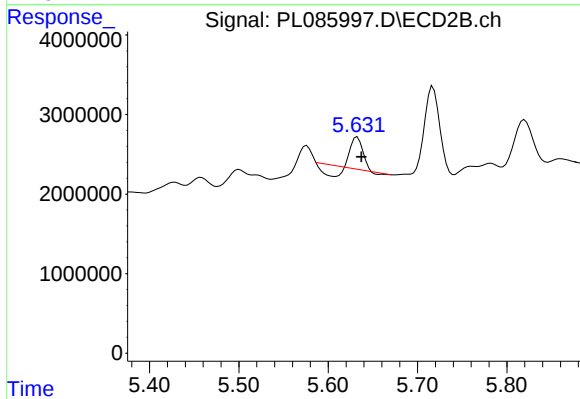
#15 Endosulfan II

R.T.: 5.761 min  
Delta R.T.: -0.010 min  
Response: -2676440  
Conc: N.D.



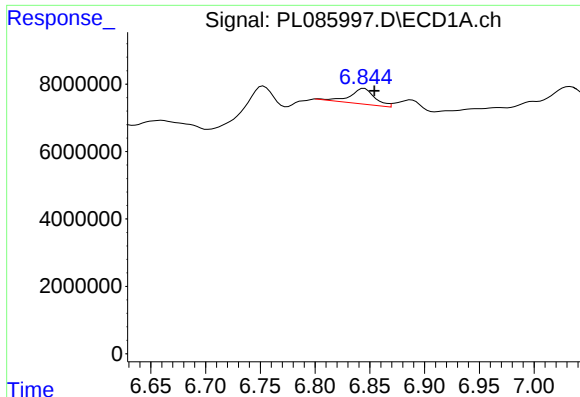
#16 4,4'-DDD

R.T.: 6.554 min  
Delta R.T.: 0.014 min  
Response: 11840025  
Conc: 5.88 ng/ml



#16 4,4'-DDD

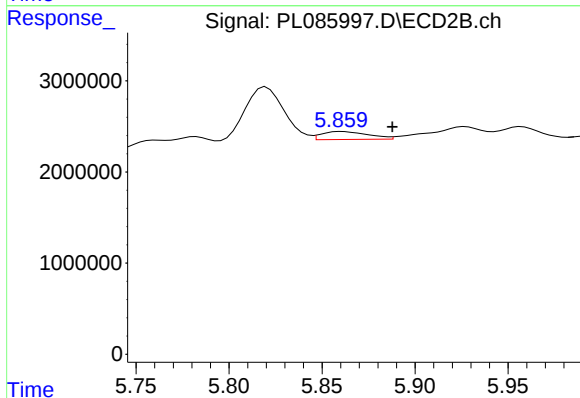
R.T.: 5.633 min  
Delta R.T.: -0.005 min  
Response: 2003207  
Conc: 2.88 ng/ml



#17 4,4'-DDT

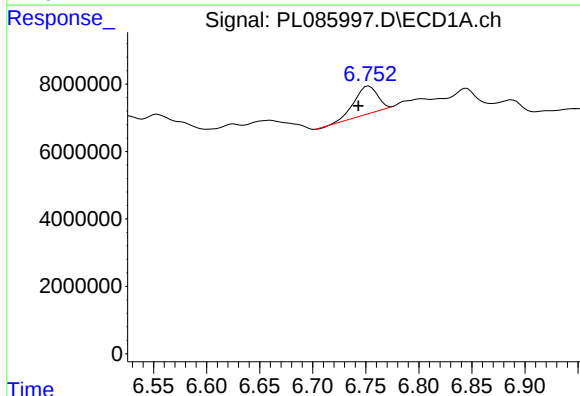
R.T.: 6.845 min  
Delta R.T.: -0.009 min  
Response: 7335385  
Conc: 3.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



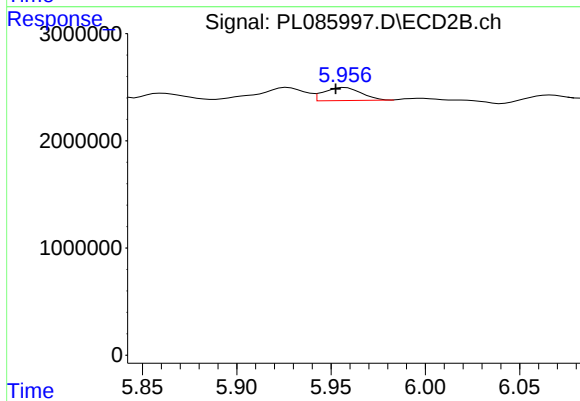
#17 4,4'-DDT

R.T.: 5.861 min  
Delta R.T.: -0.027 min  
Response: 1522454  
Conc: 1.93 ng/ml



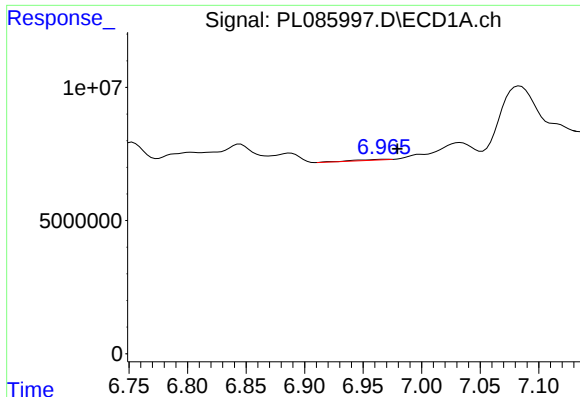
#18 Endrin aldehyde

R.T.: 6.753 min  
Delta R.T.: 0.010 min  
Response: 12310781  
Conc: 6.07 ng/ml



#18 Endrin aldehyde

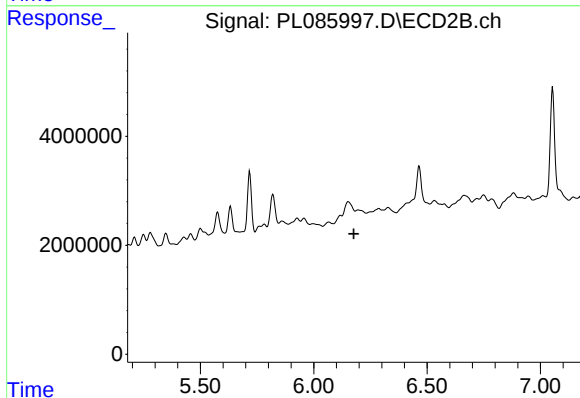
R.T.: 5.957 min  
Delta R.T.: 0.005 min  
Response: 1683867  
Conc: 2.26 ng/ml



#19 Endosulfan Sulfate

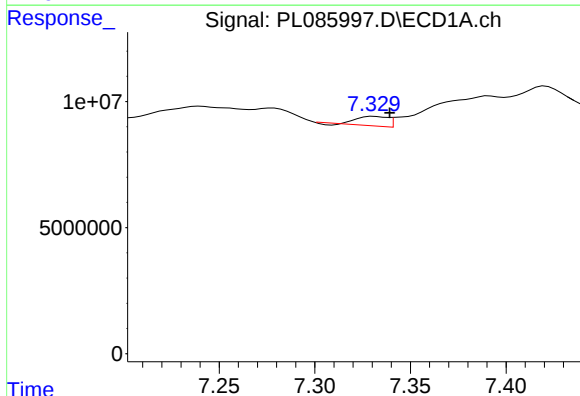
R.T.: 6.968 min  
Delta R.T.: -0.011 min  
Response: 515587  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



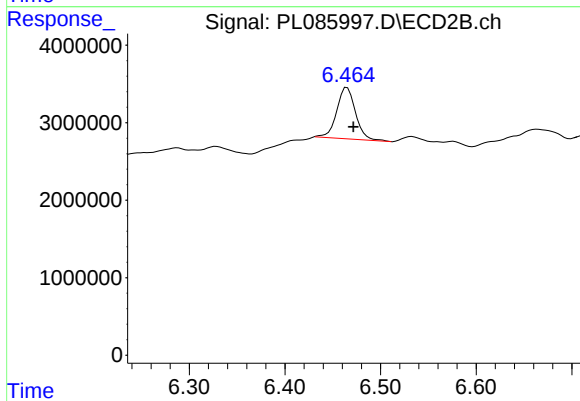
#19 Endosulfan Sulfate

R.T.: 6.196 min  
Delta R.T.: 0.019 min  
Response: -1009934  
Conc: N.D.



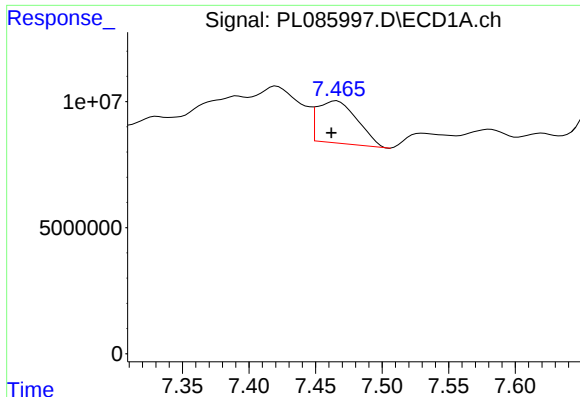
#20 Methoxychlor

R.T.: 7.332 min  
Delta R.T.: -0.008 min  
Response: 3966815  
Conc: 2.84 ng/ml



#20 Methoxychlor

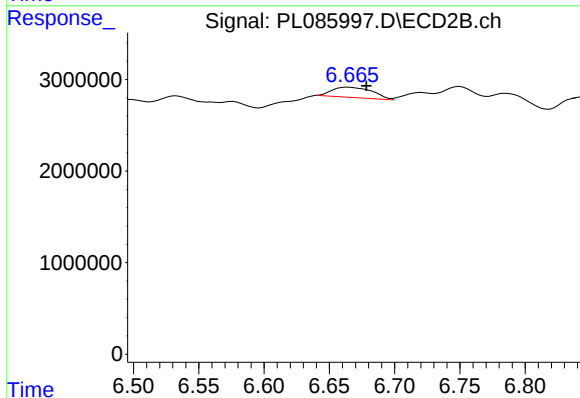
R.T.: 6.465 min  
Delta R.T.: -0.007 min  
Response: 8989663  
Conc: 17.09 ng/ml



#21 Endrin ketone

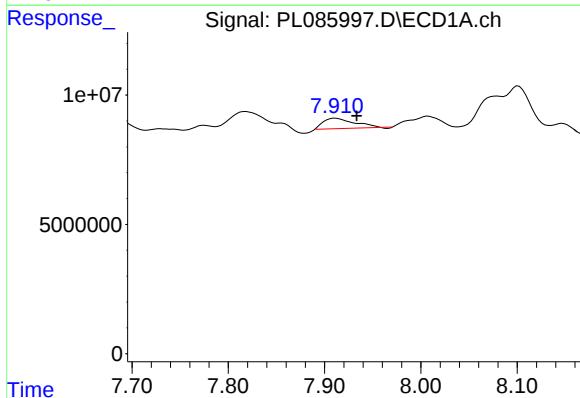
R.T.: 7.466 min  
Delta R.T.: 0.004 min  
Response: 34847624  
Conc: 12.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



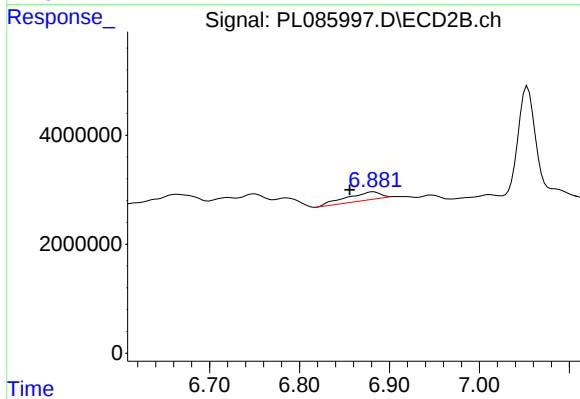
#21 Endrin ketone

R.T.: 6.664 min  
Delta R.T.: -0.014 min  
Response: 2413748  
Conc: 2.10 ng/ml



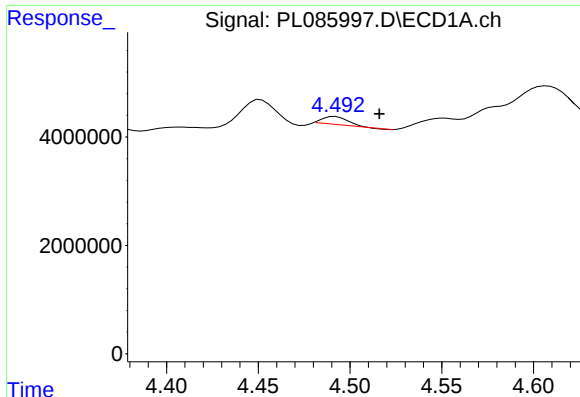
#22 Mirex

R.T.: 7.911 min  
Delta R.T.: -0.022 min  
Response: 8942740  
Conc: 4.04 ng/ml



#22 Mirex

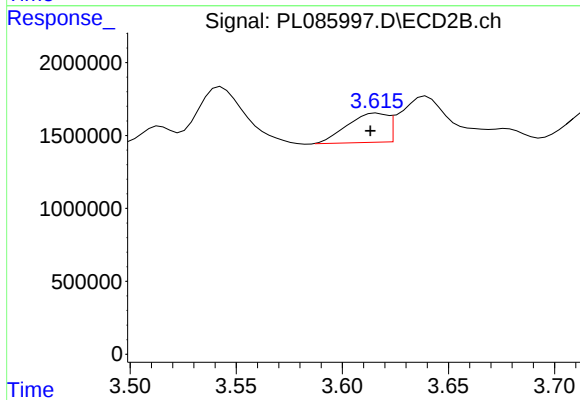
R.T.: 6.882 min  
Delta R.T.: 0.026 min  
Response: 3954698  
Conc: 4.19 ng/ml



#23 Chlordane-1

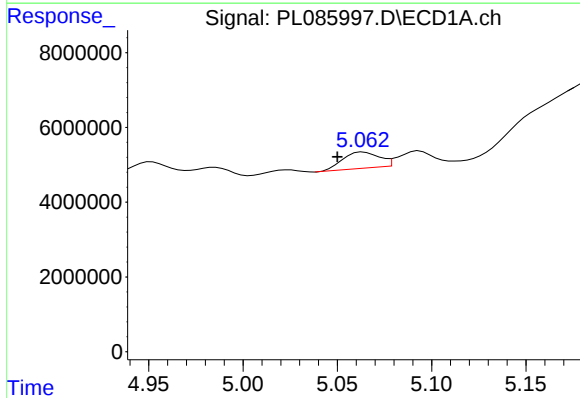
R.T.: 4.492 min  
Delta R.T.: -0.024 min  
Response: 1378588  
Conc: 11.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



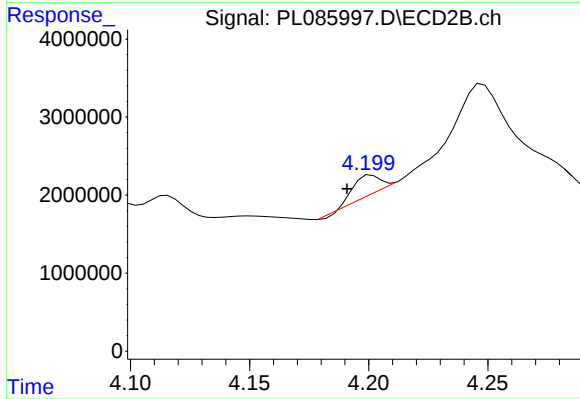
#23 Chlordane-1

R.T.: 3.616 min  
Delta R.T.: 0.003 min  
Response: 2630953  
Conc: 80.71 ng/ml



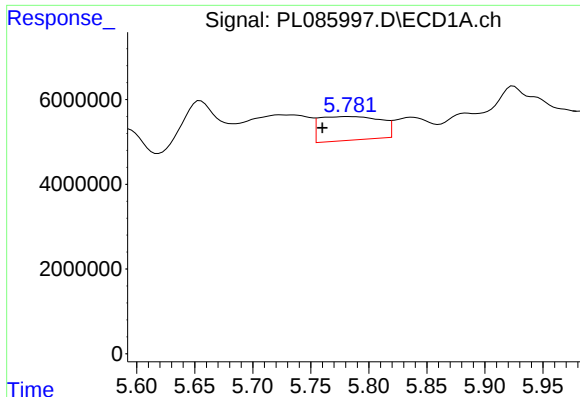
#24 Chlordane-2

R.T.: 5.064 min  
Delta R.T.: 0.014 min  
Response: 5819676  
Conc: 44.75 ng/ml



#24 Chlordane-2

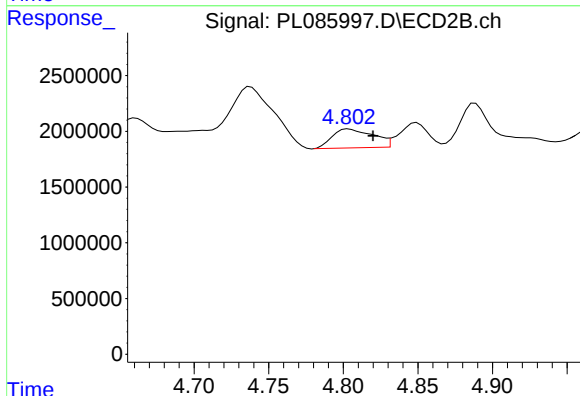
R.T.: 4.201 min  
Delta R.T.: 0.010 min  
Response: 1652572  
Conc: 42.47 ng/ml



#25 Chlordane-3

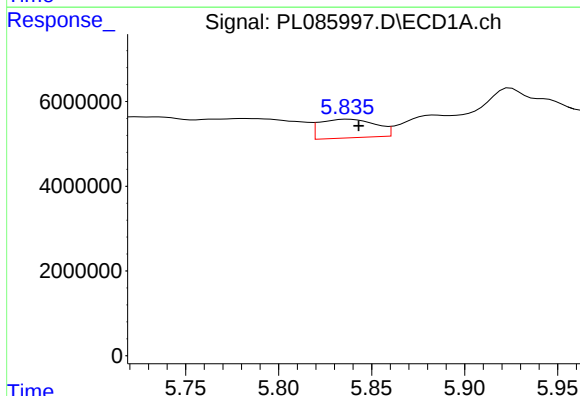
R.T.: 5.783 min  
Delta R.T.: 0.023 min  
Response: 20490133  
Conc: 40.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



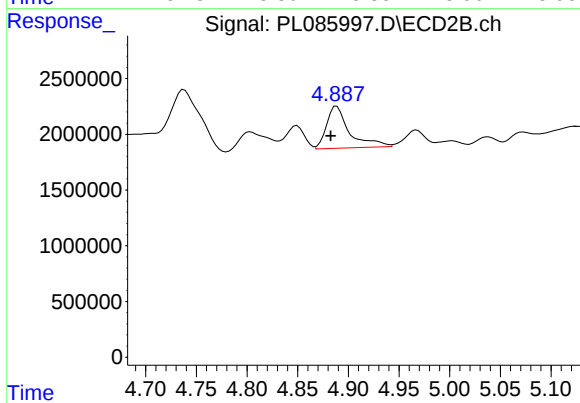
#25 Chlordane-3

R.T.: 4.803 min  
Delta R.T.: -0.016 min  
Response: 3259843  
Conc: 32.26 ng/ml



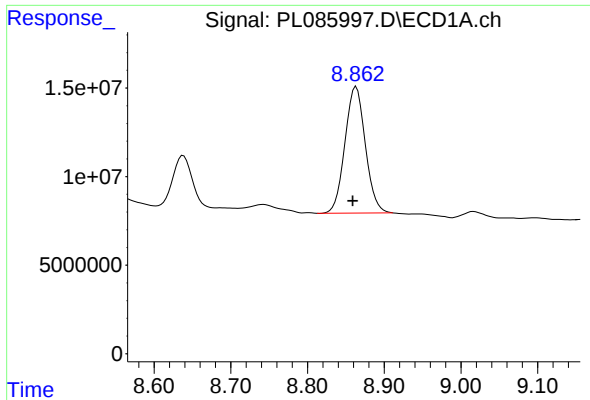
#26 Chlordane-4

R.T.: 5.837 min  
Delta R.T.: -0.006 min  
Response: 9258555  
Conc: 14.59 ng/ml



#26 Chlordane-4

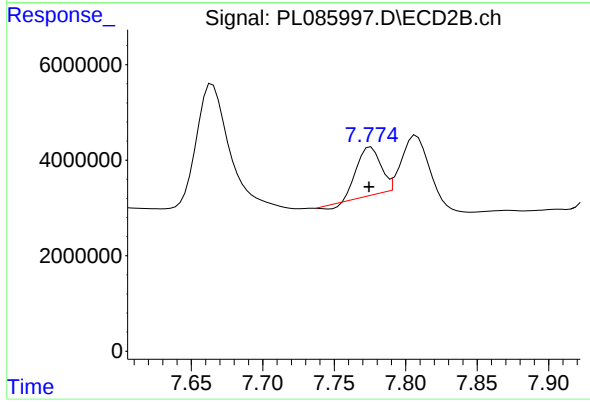
R.T.: 4.888 min  
Delta R.T.: 0.006 min  
Response: 5949825  
Conc: 51.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.863 min  
Delta R.T.: 0.005 min  
Response: 132500839  
Conc: 60.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: 0.001 min  
Response: 11168943  
Conc: 12.10 ng/ml