

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070618\  
 Data File : PL037762.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2018 18:37  
 Operator : AJ\MA  
 Sample : J3880-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 23:35:36 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.334  | 3.935  | 115.1E6  | 41699802 | 14.550  | 15.072    |
| 28)                         | SA Decachlor... | 8.010  | 8.947  | 109.5E6  | 37740115 | 18.142  | 19.023    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.344f | 0        | 49233259 | N.D.    | 12.688 #  |
| 4)                          | MA Heptachlor   | 4.325  | 0.000  | 12923683 | 0        | 1.261   | N.D. #    |
| 5)                          | MB Aldrin       | 4.566  | 5.380f | 17589331 | 16719841 | 1.728   | 5.330 #   |
| 6)                          | B beta-BHC      | 4.325f | 0.000  | 12923683 | 0        | 2.834   | N.D. #    |
| 7)                          | B delta-BHC     | 4.495  | 0.000  | 12692880 | 0        | 1.200   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.007  | 5.778  | 27472604 | 10588416 | 2.933   | 3.714 #   |
| 9)                          | A Endosulfan I  | 5.360  | 6.097f | 6408472  | 43401896 | 0.757   | 16.922 #  |
| 10)                         | B gamma-Chl...  | 5.226  | 6.021  | 114.7E6  | 30397611 | 12.242  | 10.793    |
| 11)                         | B alpha-Chl...  | 5.282  | 6.097  | 98095154 | 43401896 | 10.802  | 15.079 #  |
| 12)                         | B 4,4'-DDE      | 5.451  | 6.249  | 77522960 | 23793709 | 8.777   | 9.350     |
| 13)                         | MA Dieldrin     | 5.574  | 6.330f | 65695516 | 15968231 | 7.421   | 5.982     |
| 14)                         | MA Endrin       | 5.833  | 6.605  | 21395831 | 7379768  | 2.716   | 3.210     |
| 15)                         | B Endosulfa...  | 6.091  | 6.860f | 15194194 | 10729514 | 2.066   | 4.326 #   |
| 16)                         | A 4,4'-DDD      | 5.963  | 6.740  | 26816341 | 27471562 | 4.083   | 13.383 #  |
| 17)                         | MA 4,4'-DDT     | 6.195  | 7.030  | 109.6E6  | 15020805 | 16.975  | 7.091 #   |
| 18)                         | B Endrin al...  | 6.285  | 7.006f | 12965218 | 10991047 | 2.322   | 5.462 #   |
| 19)                         | B Endosulfa...  | 6.504  | 0.000  | 15206592 | 0        | 2.273   | N.D. #    |
| 21)                         | B Endrin ke...  | 6.992  | 7.601  | 5988998  | 11136499 | 0.842   | 5.487 #   |
| 23)                         | Chlordane-1     | 4.178  | 4.918  | 24398425 | 7111766  | 79.460  | 59.185 #  |
| 24)                         | Chlordane-2     | 4.671  | 5.380  | 20179615 | 16719841 | 56.684  | 132.120 # |
| 25)                         | Chlordane-3     | 5.226  | 6.021  | 114.7E6  | 30397611 | 107.875 | 77.726 #  |
| 26)                         | Chlordane-4     | 5.282  | 6.097  | 98095154 | 43401896 | 101.811 | 90.573    |
| 27)                         | Chlordane-5     | 5.888  | 6.860  | 32860136 | 10729514 | 251.093 | 119.239 # |
| -----                       |                 |        |        |          |          |         |           |

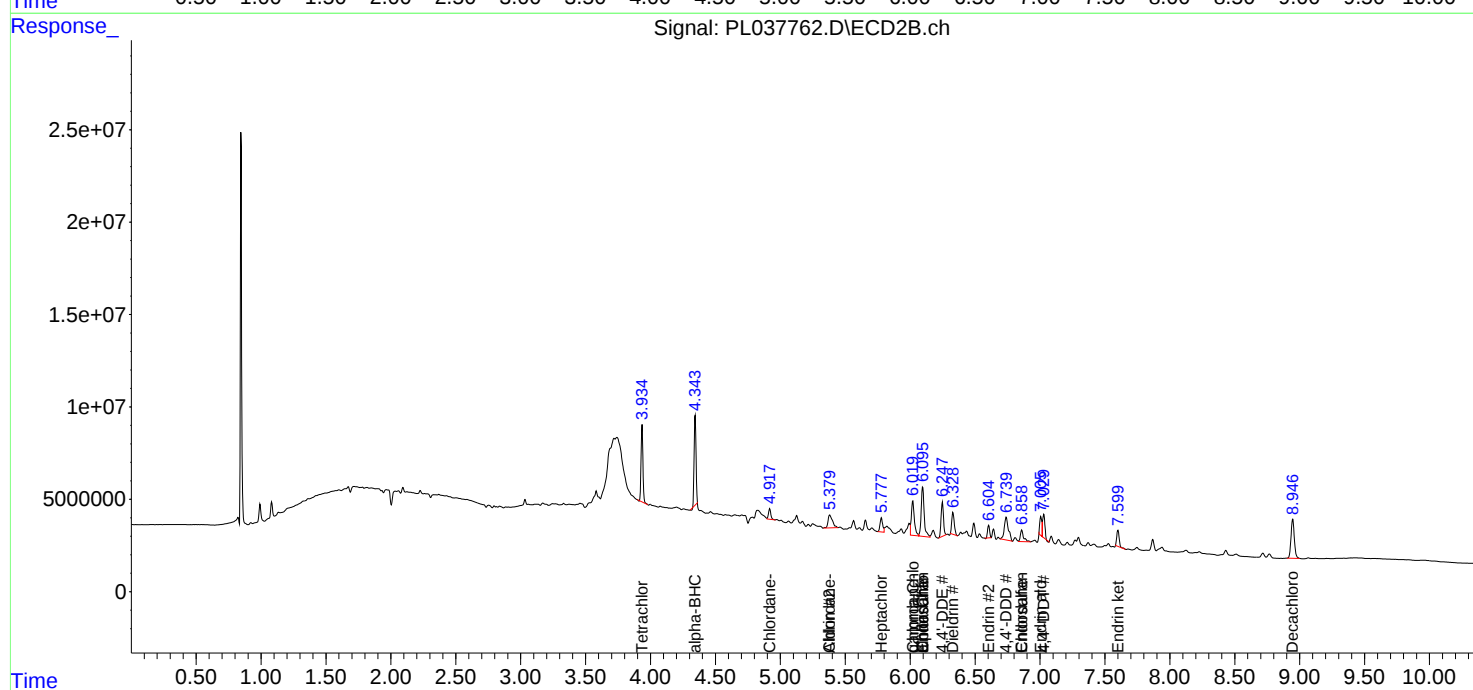
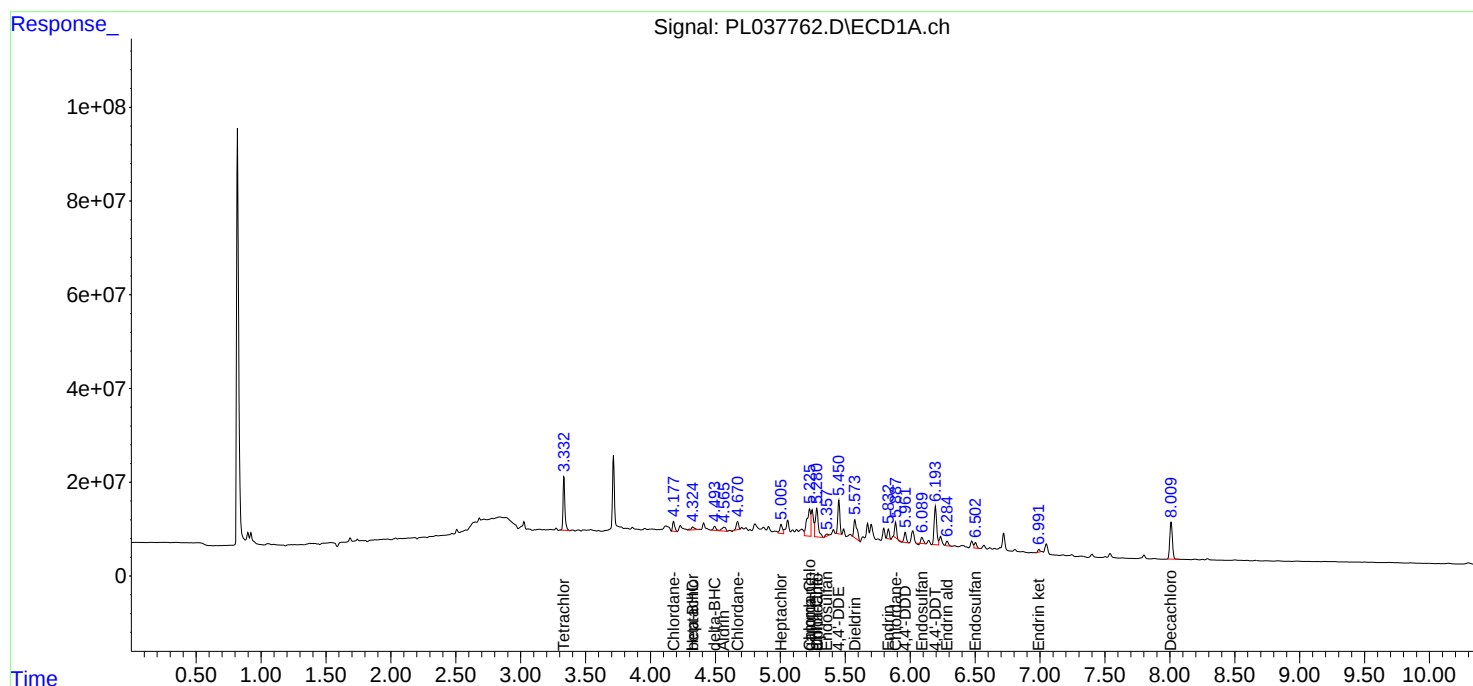
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

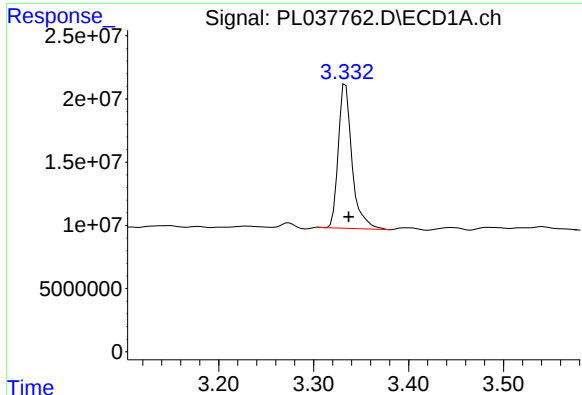
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070618\  
Data File : PL037762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2018 18:37  
Operator : AJ\MA  
Sample : J3880-05  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Jul 06 23:35:36 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
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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

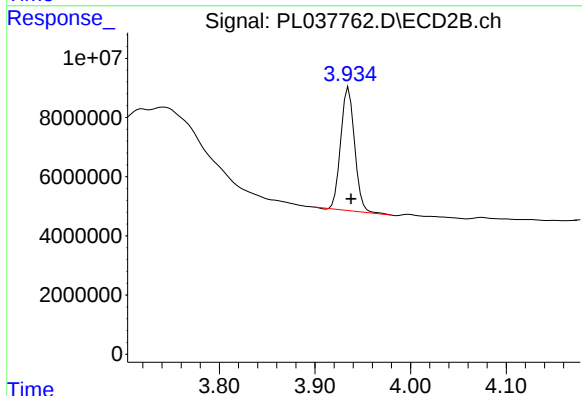




#1 Tetrachloro-m-xylene

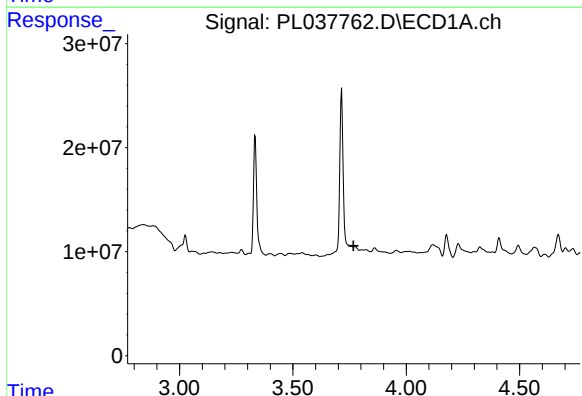
R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 115097787  
Conc: 14.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



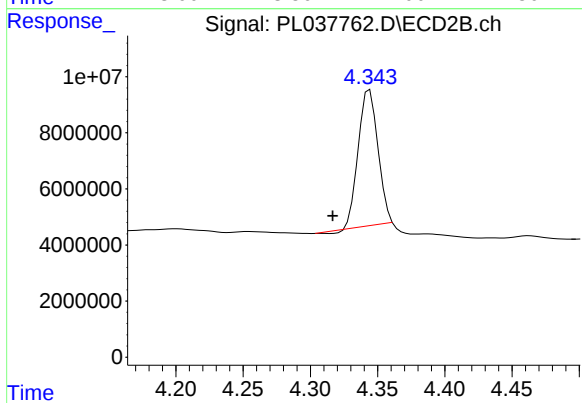
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.002 min  
Response: 41699802  
Conc: 15.07 ng/ml



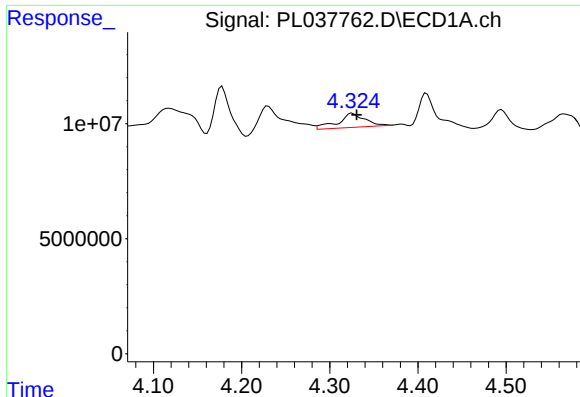
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.768 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

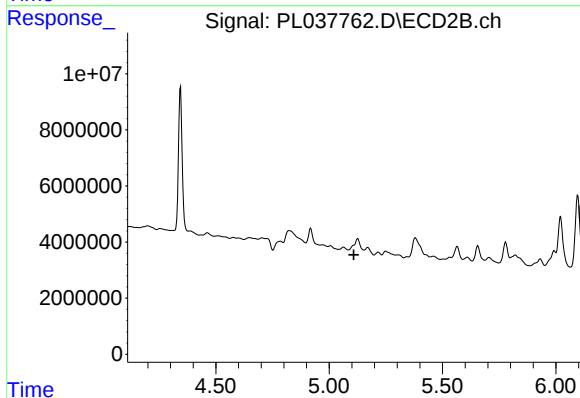
R.T.: 4.344 min  
Delta R.T.: 0.027 min  
Response: 49233259  
Conc: 12.69 ng/ml



#4 Heptachlor

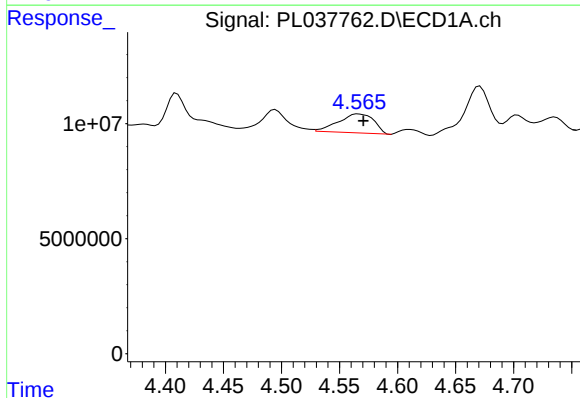
R.T.: 4.325 min  
Delta R.T.: -0.005 min  
Response: 12923683  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



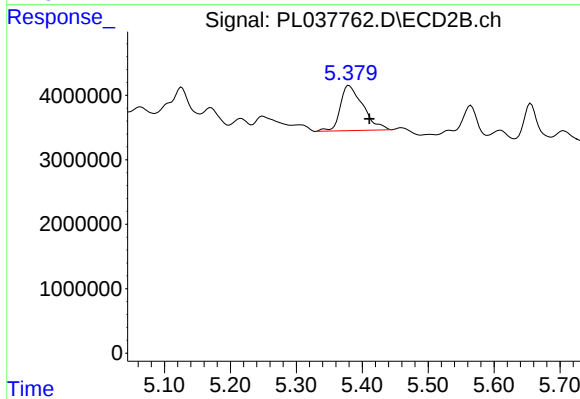
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.108 min  
Response: 0  
Conc: N.D.



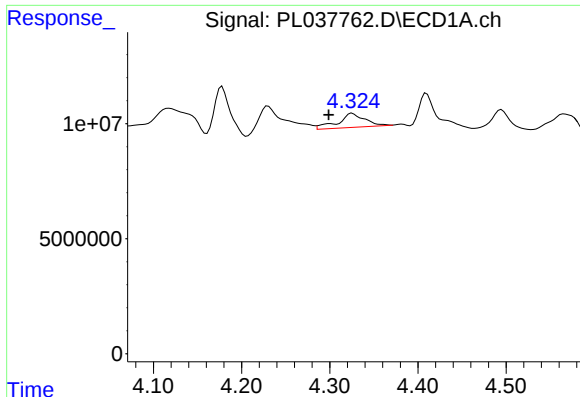
#5 Aldrin

R.T.: 4.566 min  
Delta R.T.: -0.004 min  
Response: 17589331  
Conc: 1.73 ng/ml



#5 Aldrin

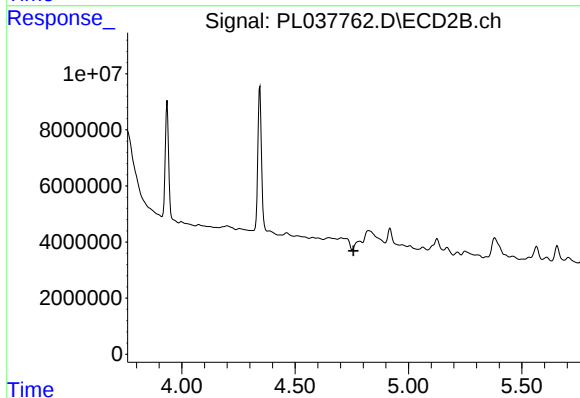
R.T.: 5.380 min  
Delta R.T.: -0.031 min  
Response: 16719841  
Conc: 5.33 ng/ml



#6 beta-BHC

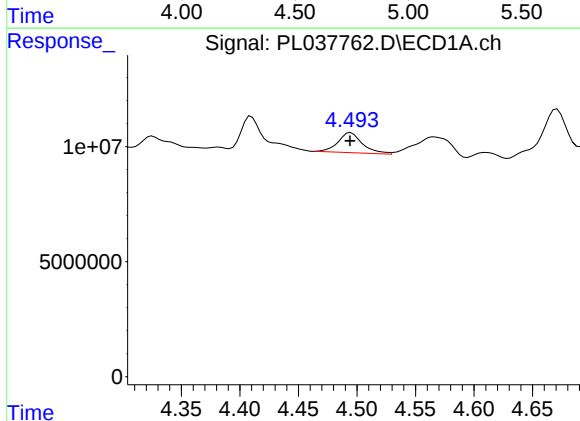
R.T.: 4.325 min  
Delta R.T.: 0.027 min  
Response: 12923683  
Conc: 2.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



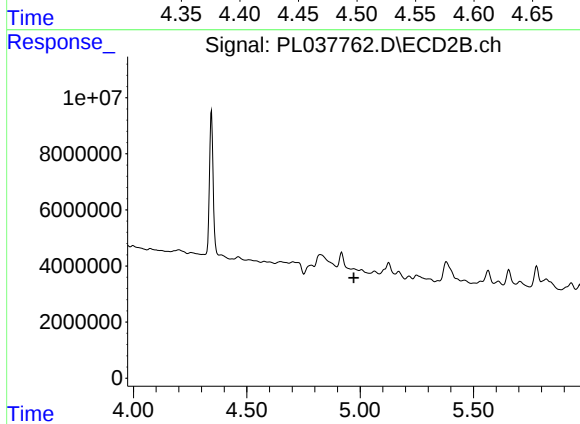
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.758 min  
Response: 0  
Conc: N.D.



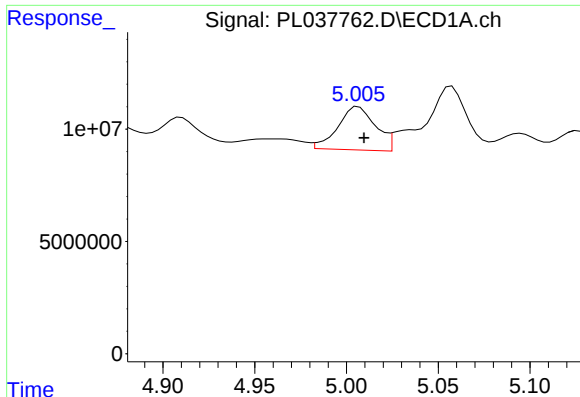
#7 delta-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 12692880  
Conc: 1.20 ng/ml



#7 delta-BHC

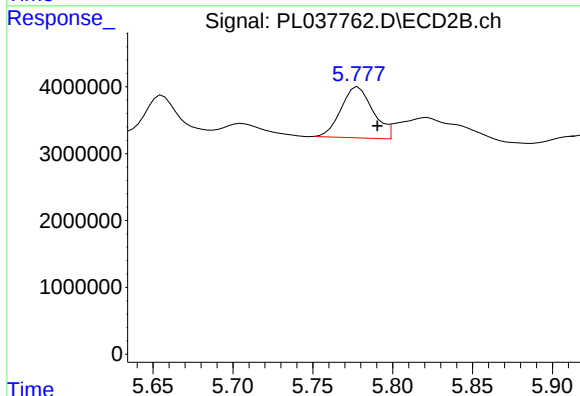
R.T.: 0.000 min  
Exp R.T. : 4.972 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

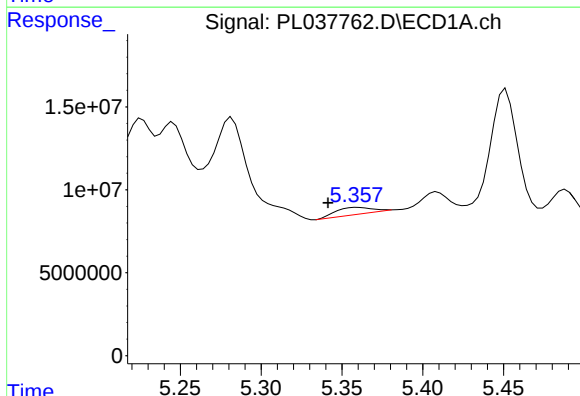
R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 27472604  
Conc: 2.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



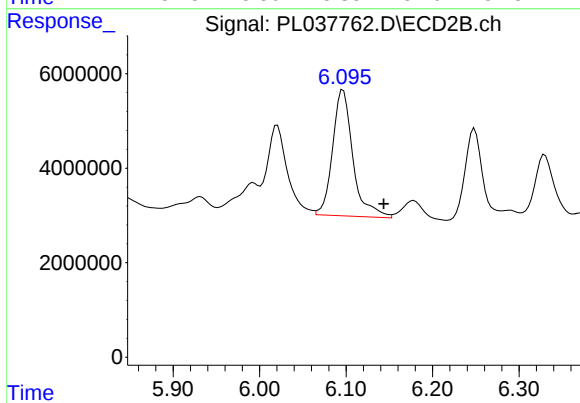
#8 Heptachlor epoxide

R.T.: 5.778 min  
Delta R.T.: -0.012 min  
Response: 10588416  
Conc: 3.71 ng/ml



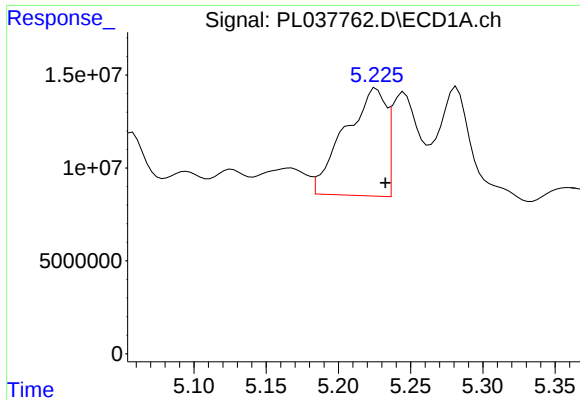
#9 Endosulfan I

R.T.: 5.360 min  
Delta R.T.: 0.018 min  
Response: 6408472  
Conc: 0.76 ng/ml



#9 Endosulfan I

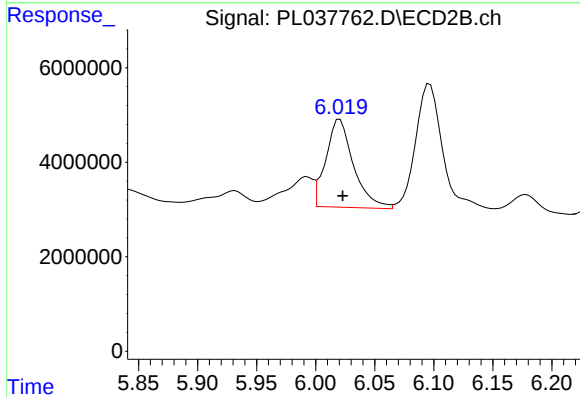
R.T.: 6.097 min  
Delta R.T.: -0.047 min  
Response: 43401896  
Conc: 16.92 ng/ml



#10 gamma-Chlordane

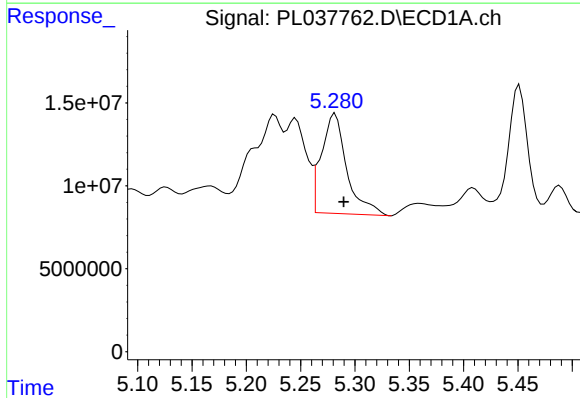
R.T.: 5.226 min  
Delta R.T.: -0.006 min  
Response: 114662424  
Conc: 12.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



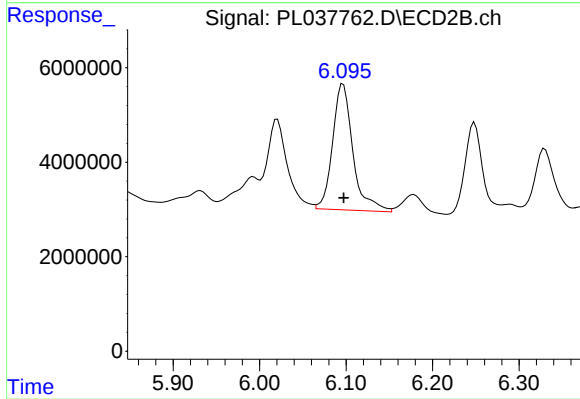
#10 gamma-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 30397611  
Conc: 10.79 ng/ml



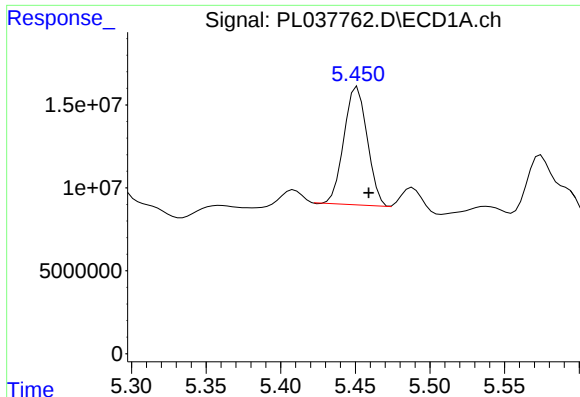
#11 alpha-Chlordane

R.T.: 5.282 min  
Delta R.T.: -0.008 min  
Response: 98095154  
Conc: 10.80 ng/ml



#11 alpha-Chlordane

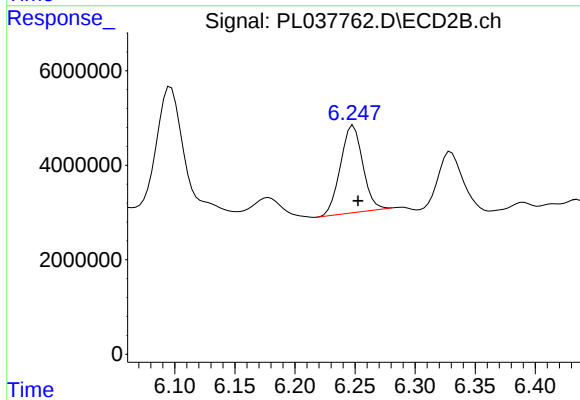
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 43401896  
Conc: 15.08 ng/ml



#12 4,4'-DDE

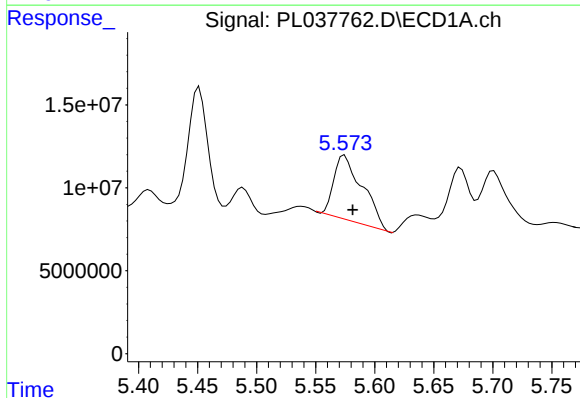
R.T.: 5.451 min  
Delta R.T.: -0.008 min  
Response: 77522960  
Conc: 8.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



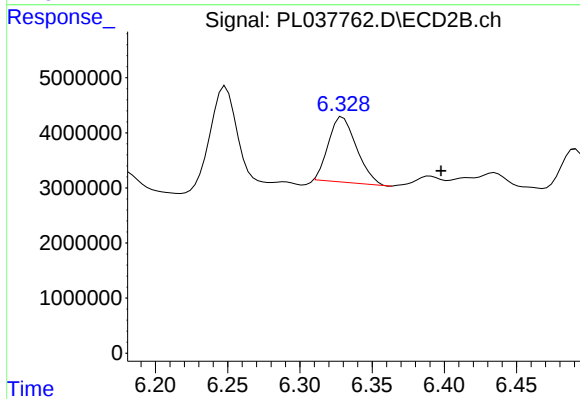
#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 23793709  
Conc: 9.35 ng/ml



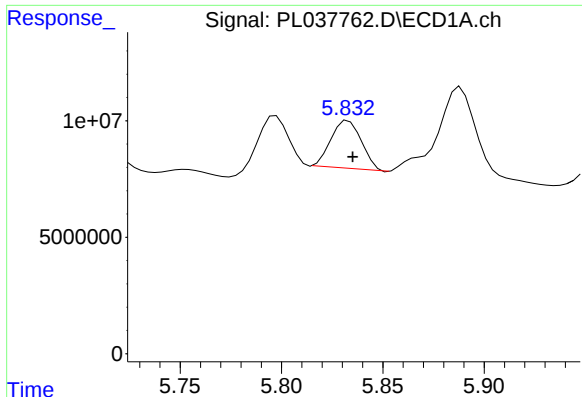
#13 Dieldrin

R.T.: 5.574 min  
Delta R.T.: -0.007 min  
Response: 65695516  
Conc: 7.42 ng/ml



#13 Dieldrin

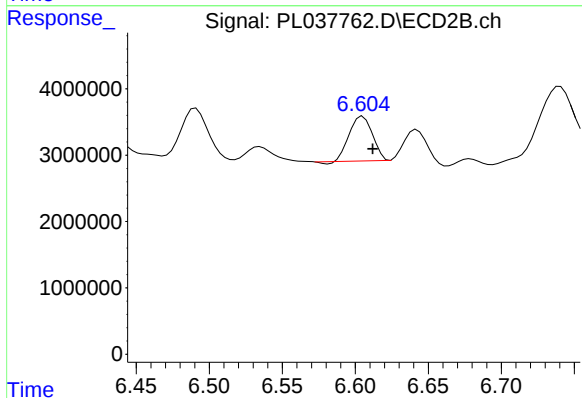
R.T.: 6.330 min  
Delta R.T.: -0.068 min  
Response: 15968231  
Conc: 5.98 ng/ml



#14 Endrin

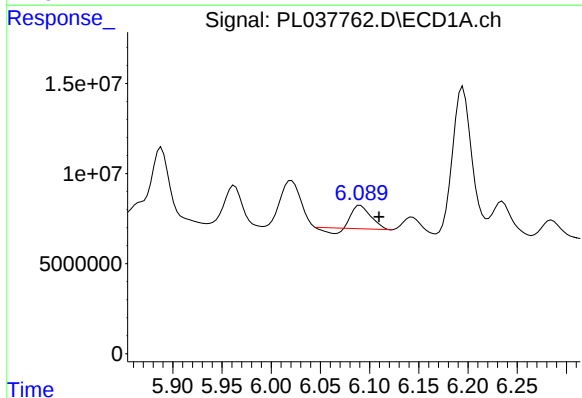
R.T.: 5.833 min  
Delta R.T.: -0.002 min  
Response: 21395831  
Conc: 2.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



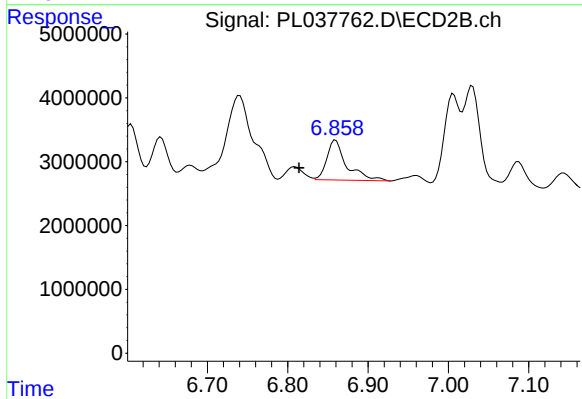
#14 Endrin

R.T.: 6.605 min  
Delta R.T.: -0.007 min  
Response: 7379768  
Conc: 3.21 ng/ml



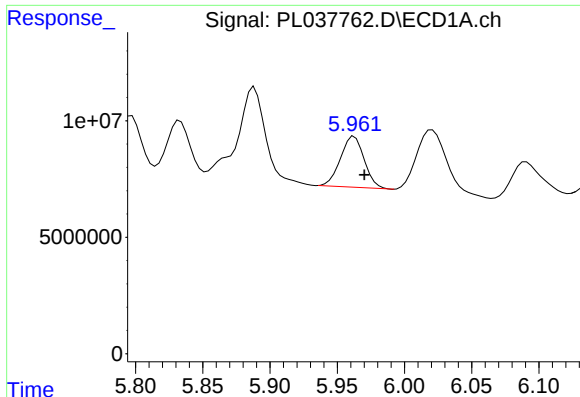
#15 Endosulfan II

R.T.: 6.091 min  
Delta R.T.: -0.019 min  
Response: 15194194  
Conc: 2.07 ng/ml



#15 Endosulfan II

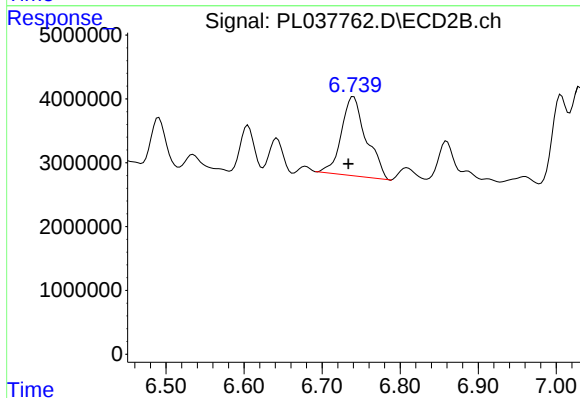
R.T.: 6.860 min  
Delta R.T.: 0.045 min  
Response: 10729514  
Conc: 4.33 ng/ml



#16 4,4'-DDD

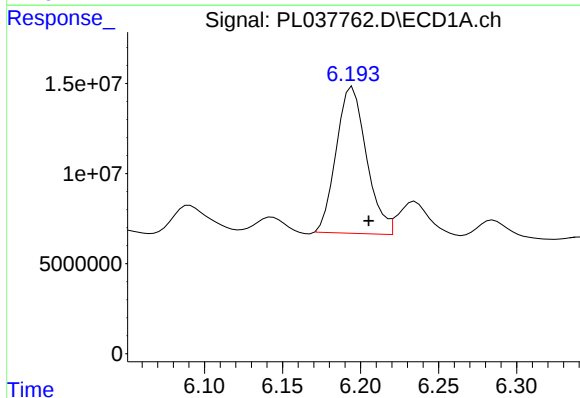
R.T.: 5.963 min  
Delta R.T.: -0.007 min  
Response: 26816341  
Conc: 4.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



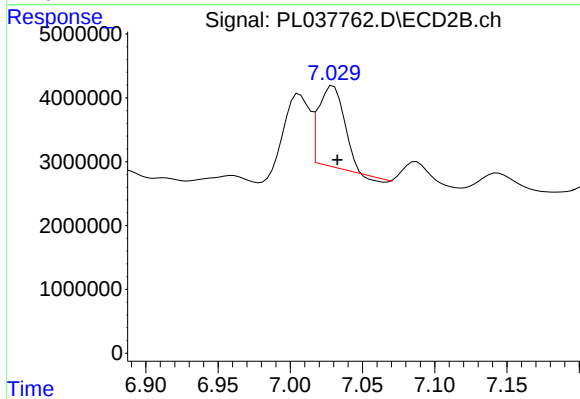
#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: 0.007 min  
Response: 27471562  
Conc: 13.38 ng/ml



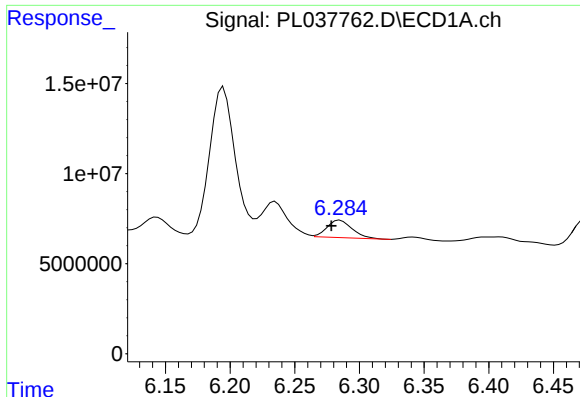
#17 4,4'-DDT

R.T.: 6.195 min  
Delta R.T.: -0.010 min  
Response: 109596636  
Conc: 16.98 ng/ml



#17 4,4'-DDT

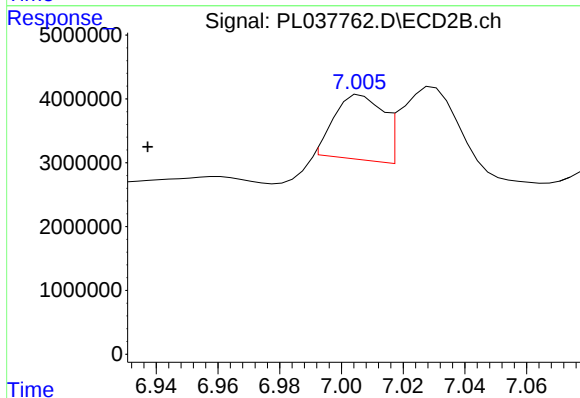
R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 15020805  
Conc: 7.09 ng/ml



#18 Endrin aldehyde

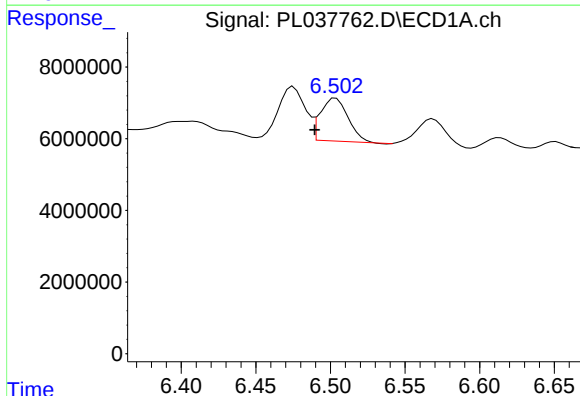
R.T.: 6.285 min  
Delta R.T.: 0.007 min  
Response: 12965218  
Conc: 2.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



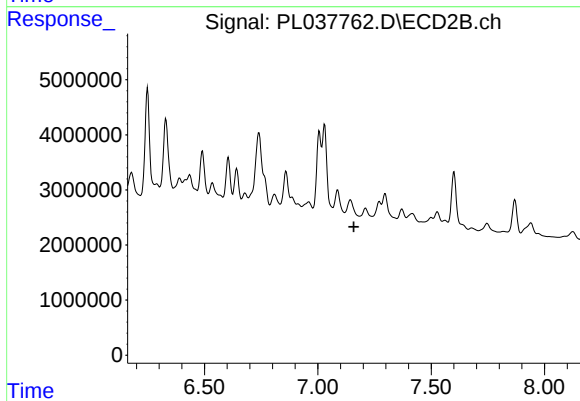
#18 Endrin aldehyde

R.T.: 7.006 min  
Delta R.T.: 0.069 min  
Response: 10991047  
Conc: 5.46 ng/ml



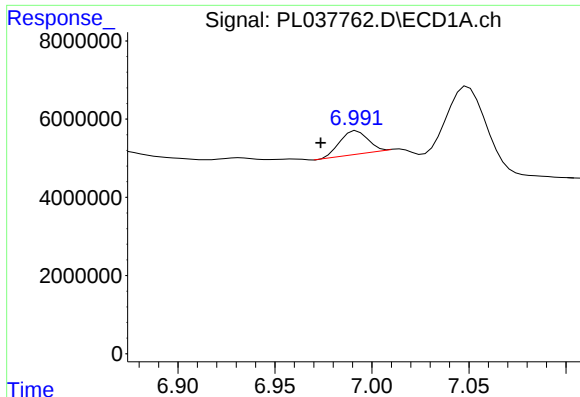
#19 Endosulfan Sulfate

R.T.: 6.504 min  
Delta R.T.: 0.014 min  
Response: 15206592  
Conc: 2.27 ng/ml



#19 Endosulfan Sulfate

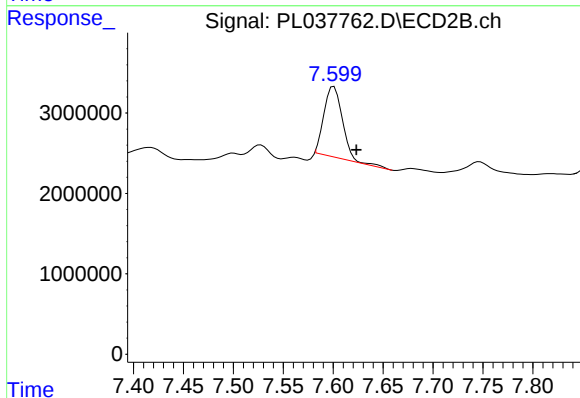
R.T.: 0.000 min  
Exp R.T.: 7.159 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

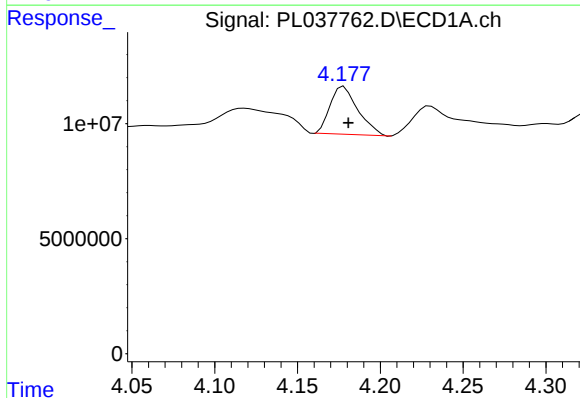
R.T.: 6.992 min  
Delta R.T.: 0.019 min  
Response: 5988998  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



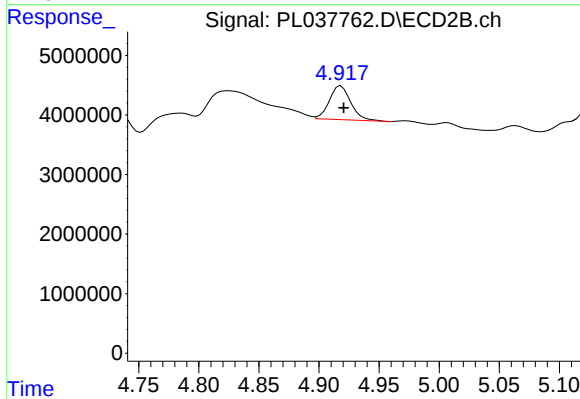
#21 Endrin ketone

R.T.: 7.601 min  
Delta R.T.: -0.023 min  
Response: 11136499  
Conc: 5.49 ng/ml



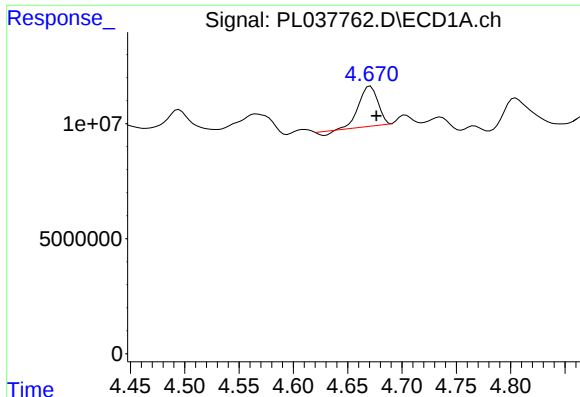
#23 Chlordane-1

R.T.: 4.178 min  
Delta R.T.: -0.003 min  
Response: 24398425  
Conc: 79.46 ng/ml



#23 Chlordane-1

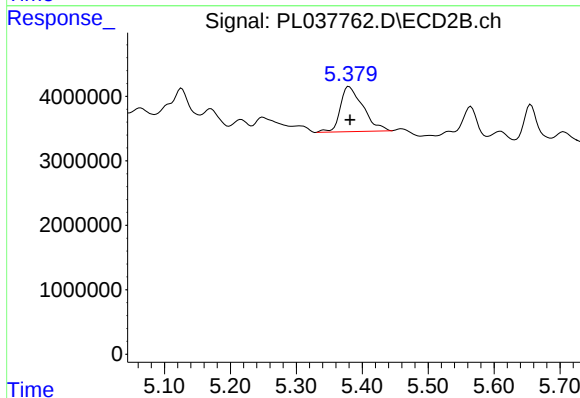
R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 7111766  
Conc: 59.19 ng/ml



#24 Chlordane-2

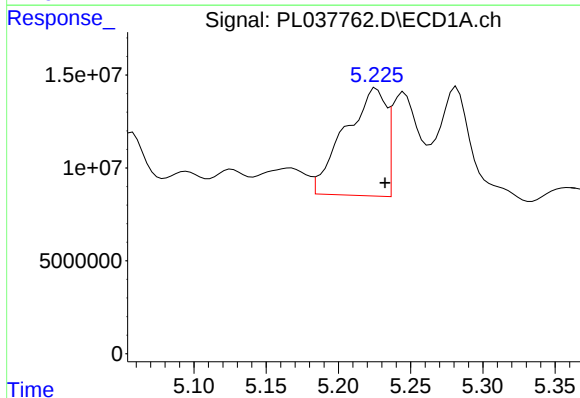
R.T.: 4.671 min  
Delta R.T.: -0.005 min  
Response: 20179615  
Conc: 56.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



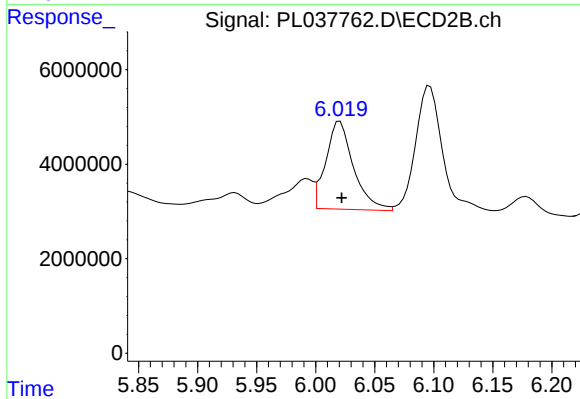
#24 Chlordane-2

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 16719841  
Conc: 132.12 ng/ml



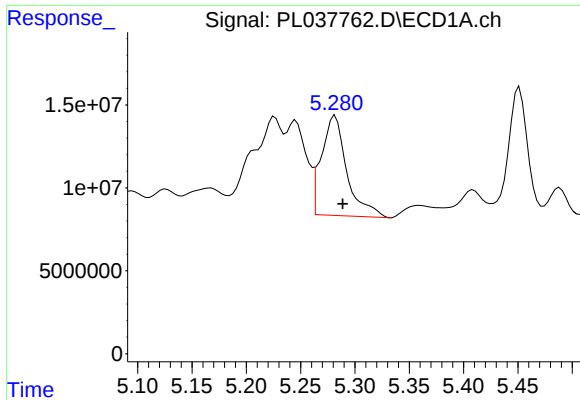
#25 Chlordane-3

R.T.: 5.226 min  
Delta R.T.: -0.006 min  
Response: 114662424  
Conc: 107.87 ng/ml



#25 Chlordane-3

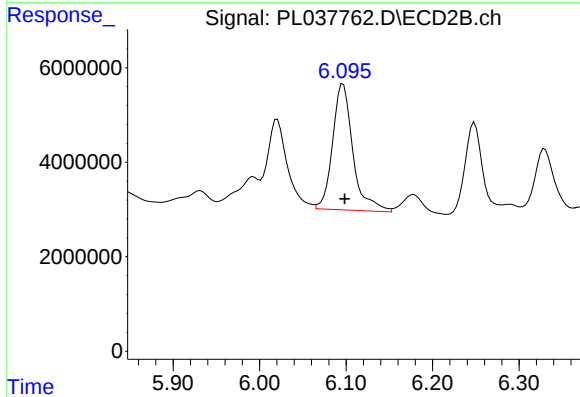
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 30397611  
Conc: 77.73 ng/ml



#26 Chlordane-4

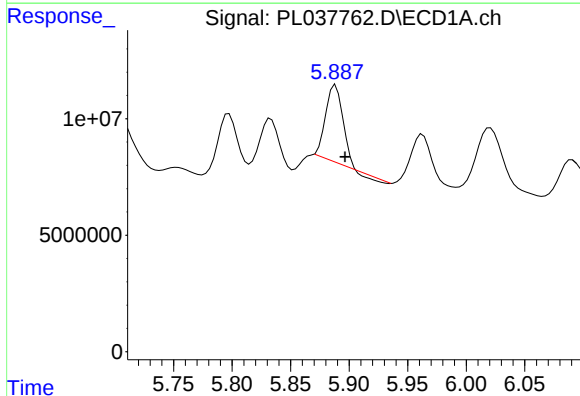
R.T.: 5.282 min  
Delta R.T.: -0.007 min  
Response: 98095154  
Conc: 101.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



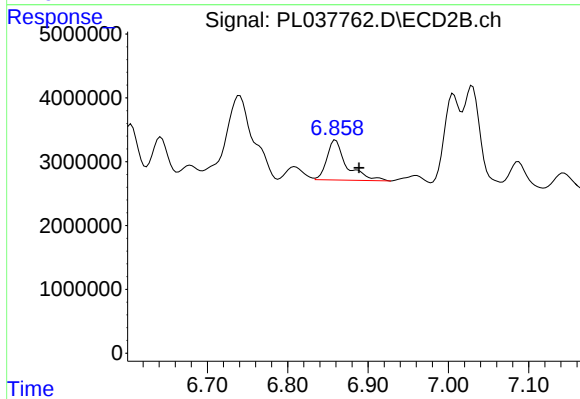
#26 Chlordane-4

R.T.: 6.097 min  
Delta R.T.: -0.002 min  
Response: 43401896  
Conc: 90.57 ng/ml



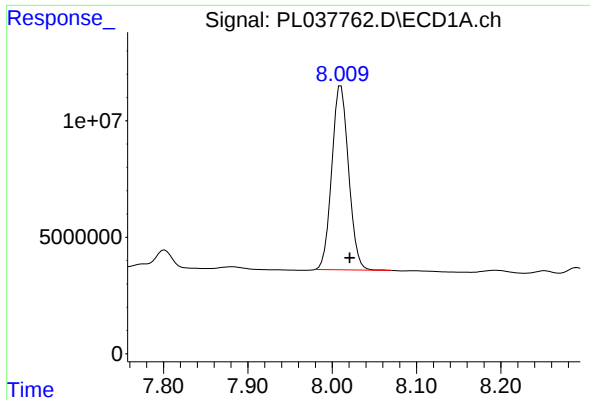
#27 Chlordane-5

R.T.: 5.888 min  
Delta R.T.: -0.008 min  
Response: 32860136  
Conc: 251.09 ng/ml



#27 Chlordane-5

R.T.: 6.860 min  
Delta R.T.: -0.029 min  
Response: 10729514  
Conc: 119.24 ng/ml



#28 Decachlorobiphenyl

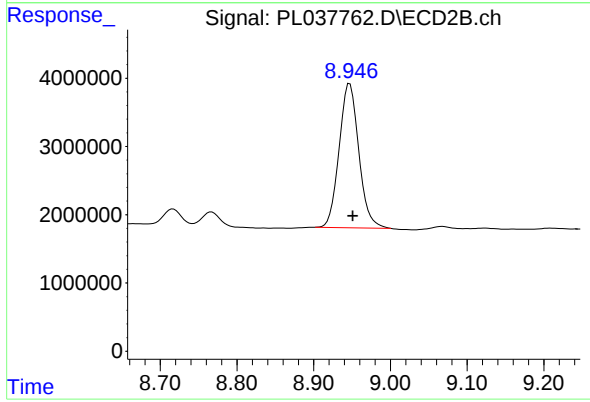
R.T.: 8.010 min

Delta R.T.: -0.010 min

Response: 109471399

Conc: 18.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.947 min

Delta R.T.: -0.004 min

Response: 37740115

Conc: 19.02 ng/ml