

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121723\  
 Data File : PL087221.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2023 15:07  
 Operator : AR\AJ  
 Sample : 05832-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 22:04:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.427  | 2.683  | 32365436 | 14999330 | 8.600   | 8.911     |
| 28)                         | SA Decachlor... | 8.987  | 7.874  | 21492092 | 10245574 | 6.303   | 6.066     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.172f | 0        | 87562    | N.D.    | 0.036 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.520  | 0        | 4806773  | N.D.    | 1.984 #   |
| 4)                          | MA Heptachlor   | 4.807  | 3.847f | 1039875  | 65961    | 0.195   | 0.028 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.120f | 0        | 244339   | N.D.    | 0.102 #   |
| 6)                          | B beta-BHC      | 4.438f | 3.847f | 2255803  | 65961    | 0.982   | 0.063 #   |
| 7)                          | B delta-BHC     | 4.661  | 4.044  | 8234690  | 536212   | 1.575   | 0.219 #   |
| 8)                          | B Heptachlo...  | 5.582  | 4.649  | 11642512 | 4221926  | 2.470   | 1.897     |
| 9)                          | A Endosulfan I  | 0.000  | 5.015  | 0        | 3871982  | N.D.    | 1.792 #   |
| 10)                         | B gamma-Chl...  | 5.843  | 4.903  | 108.6E6  | 25051659 | 22.396  | 10.952 #  |
| 11)                         | B alpha-Chl...  | 5.927  | 4.967  | 165.9E6  | 41609785 | 34.522  | 18.028 #  |
| 12)                         | B 4,4'-DDE      | 6.105  | 5.165  | 2558860  | 1033038  | 0.617   | 0.520     |
| 13)                         | MA Dieldrin     | 6.248  | 5.289  | 65214606 | 33724401 | 14.052  | 15.138    |
| 14)                         | MA Endrin       | 6.479  | 5.565  | -506820  | 1560560  | N.D.    | 0.782     |
| 15)                         | B Endosulfa...  | 6.704  | 5.866  | 7265417  | 12064325 | 1.812   | 6.196 #   |
| 16)                         | A 4,4'-DDD      | 6.634  | 5.737  | 5646039  | 561766   | 1.708   | 0.339 #   |
| 17)                         | MA 4,4'-DDT     | 6.940  | 5.978  | 5634905  | 5931753  | 1.499   | 3.216 #   |
| 18)                         | B Endrin al...  | 6.839  | 6.059  | 6181421  | 7226567  | 2.133   | 4.924 #   |
| 19)                         | B Endosulfa...  | 7.061  | 6.275  | 6505138  | -503248  | 1.657   | N.D. #    |
| 20)                         | A Methoxychlor  | 7.458f | 6.574  | 8759666  | 5777879  | 4.492   | 5.657 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.761  | 0        | 183902   | N.D.    | 0.086 #   |
| 24)                         | Chlordane-2     | 5.123  | 4.273  | 12497280 | 5014076  | 71.746  | 65.311    |
| 25)                         | Chlordane-3     | 5.843  | 4.903  | 108.6E6  | 25051659 | 155.764 | 113.322 # |
| 26)                         | Chlordane-4     | 5.927  | 4.967  | 165.9E6  | 41609785 | 194.041 | 178.723   |
| 27)                         | Chlordane-5     | 6.778  | 5.640  | 25076927 | 14184781 | 181.566 | 219.247   |
| -----                       |                 |        |        |          |          |         |           |

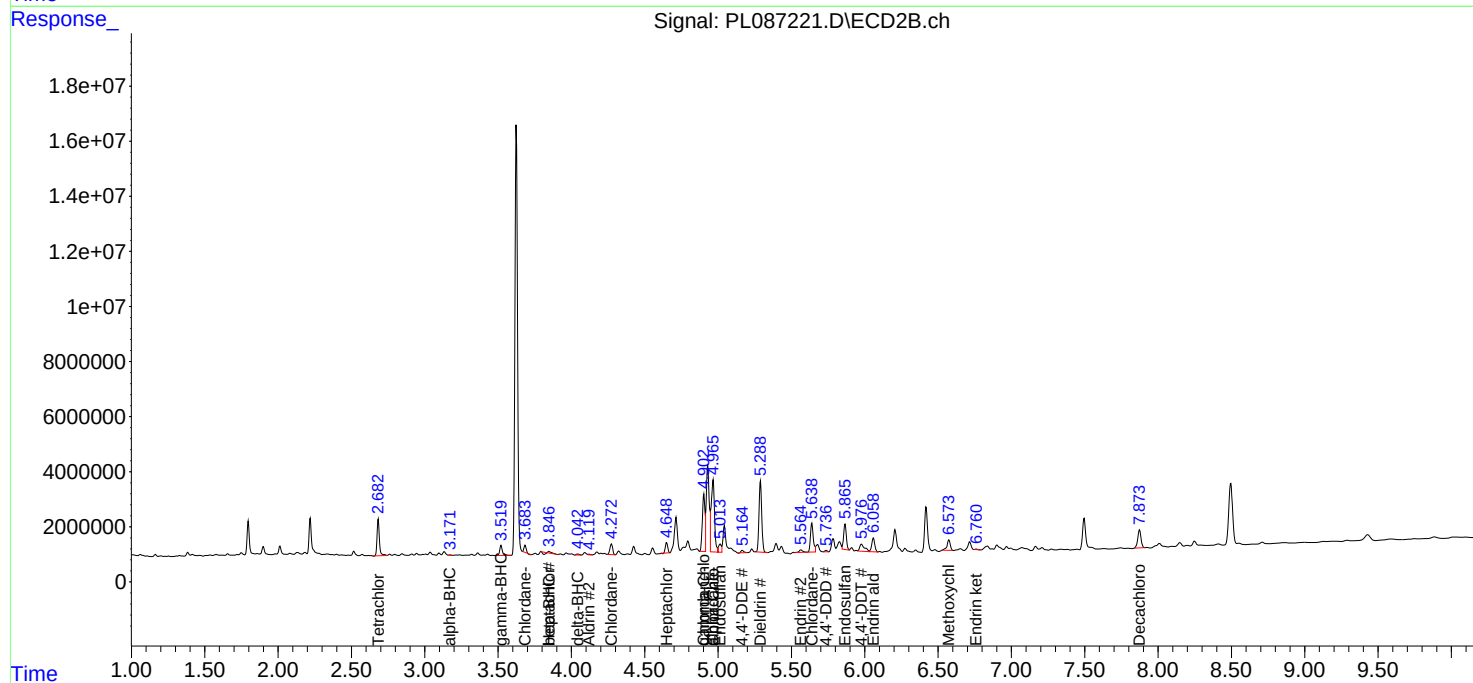
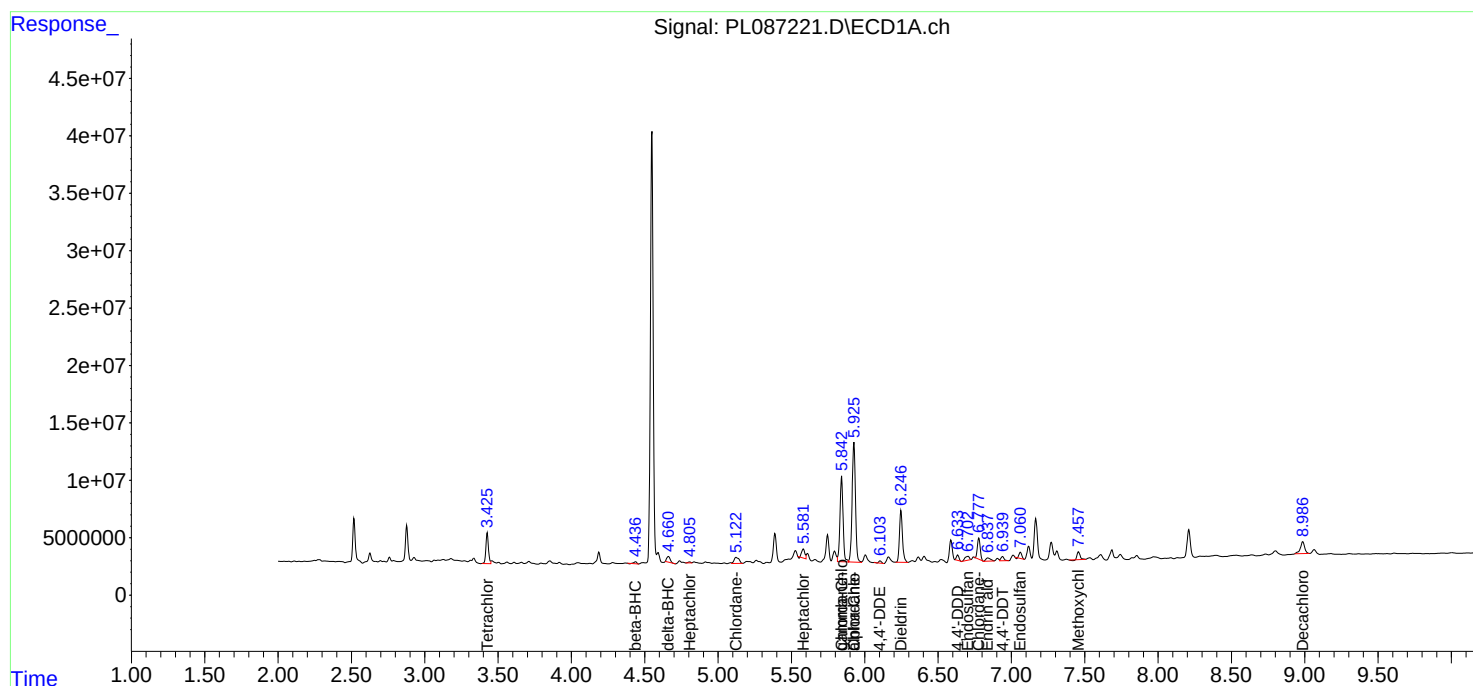
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

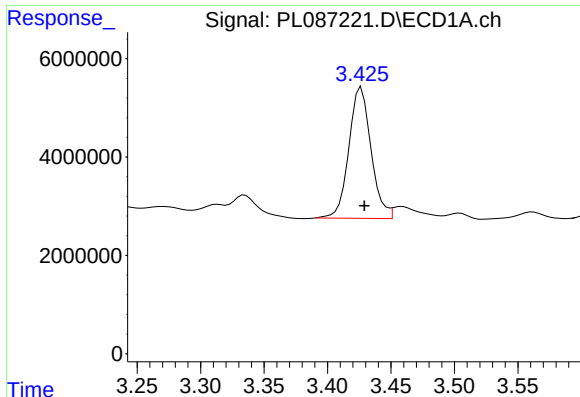
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121723\  
Data File : PL087221.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2023 15:07  
Operator : AR\AJ  
Sample : 05832-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 22:04:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 2023  
Response via : Initial Calibration  
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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

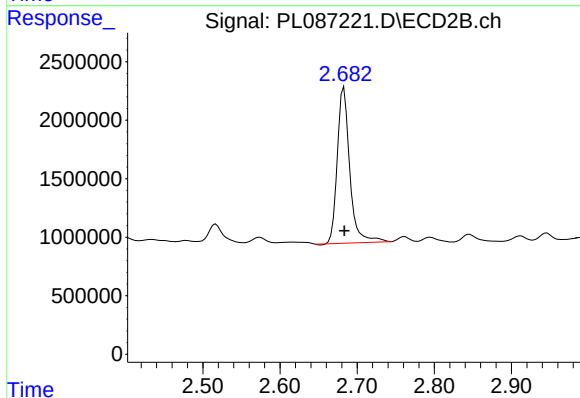




#1 Tetrachloro-m-xylene

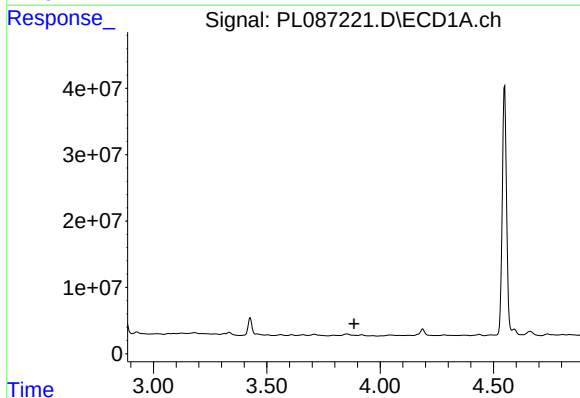
R.T.: 3.427 min  
Delta R.T.: -0.002 min  
Response: 32365436  
Conc: 8.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



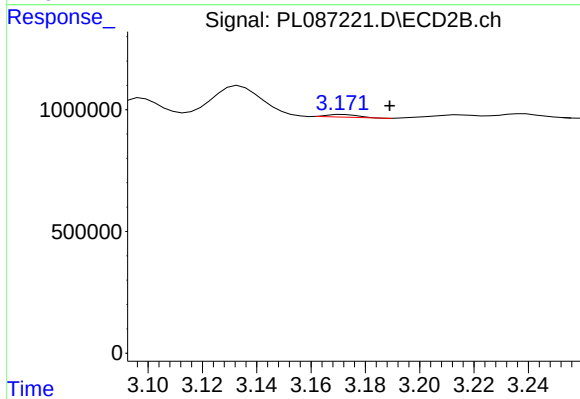
#1 Tetrachloro-m-xylene

R.T.: 2.683 min  
Delta R.T.: 0.000 min  
Response: 14999330  
Conc: 8.91 ng/ml



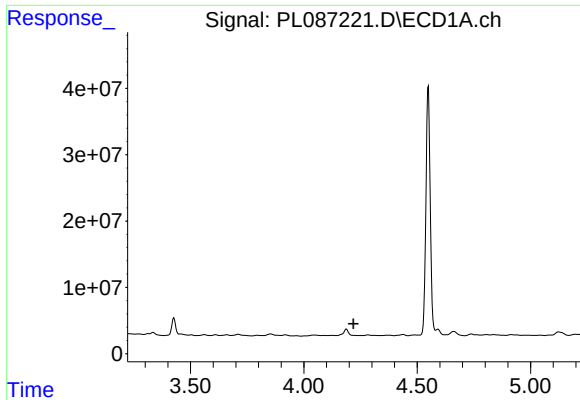
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.885 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

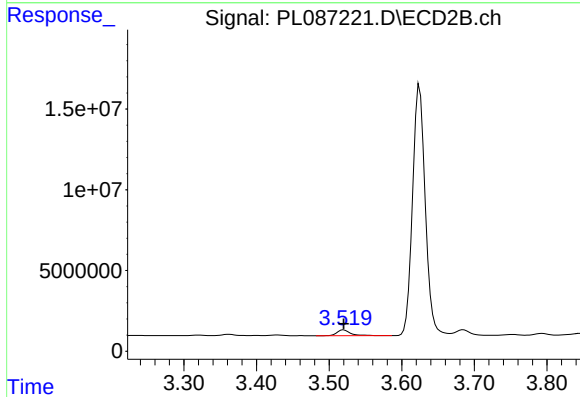
R.T.: 3.172 min  
Delta R.T.: -0.017 min  
Response: 87562  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

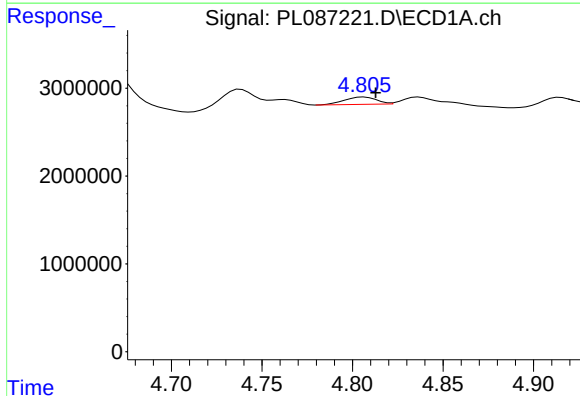
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



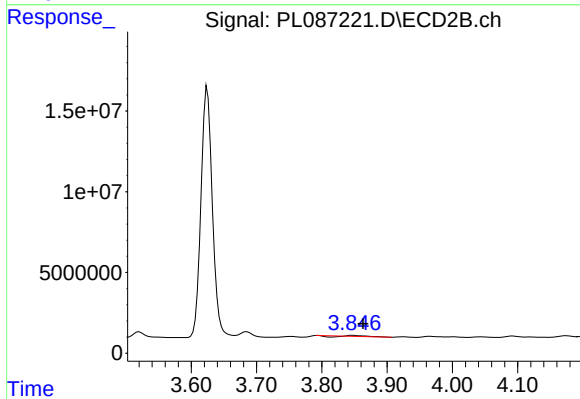
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 4806773  
Conc: 1.98 ng/ml



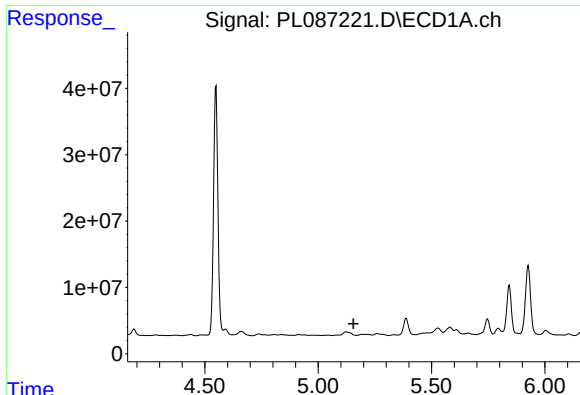
#4 Heptachlor

R.T.: 4.807 min  
Delta R.T.: -0.006 min  
Response: 1039875  
Conc: 0.20 ng/ml



#4 Heptachlor

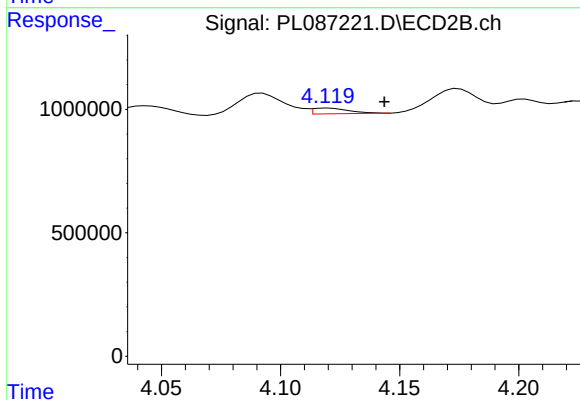
R.T.: 3.847 min  
Delta R.T.: -0.016 min  
Response: 65961  
Conc: 0.03 ng/ml



#5 Aldrin

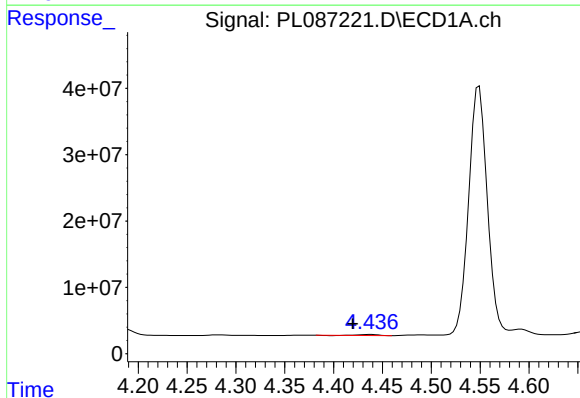
R.T.: 0.000 min  
Exp R.T.: 5.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



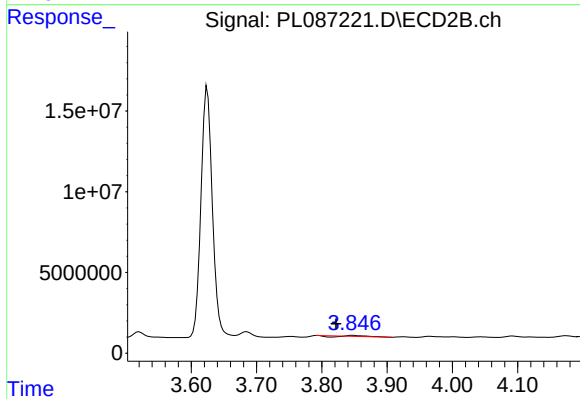
#5 Aldrin

R.T.: 4.120 min  
Delta R.T.: -0.024 min  
Response: 244339  
Conc: 0.10 ng/ml



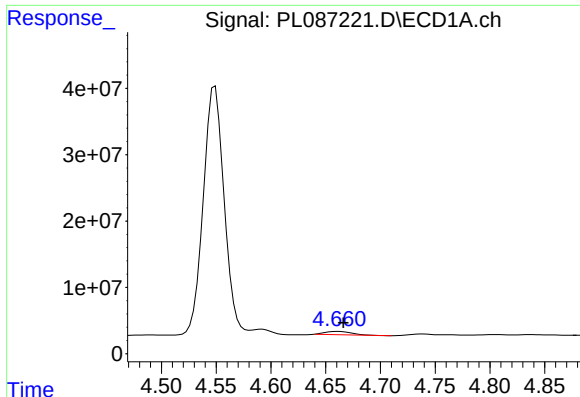
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.018 min  
Response: 2255803  
Conc: 0.98 ng/ml



#6 beta-BHC

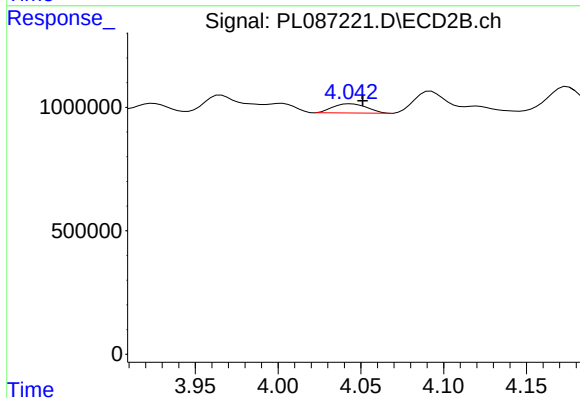
R.T.: 3.847 min  
Delta R.T.: 0.025 min  
Response: 65961  
Conc: 0.06 ng/ml



#7 delta-BHC

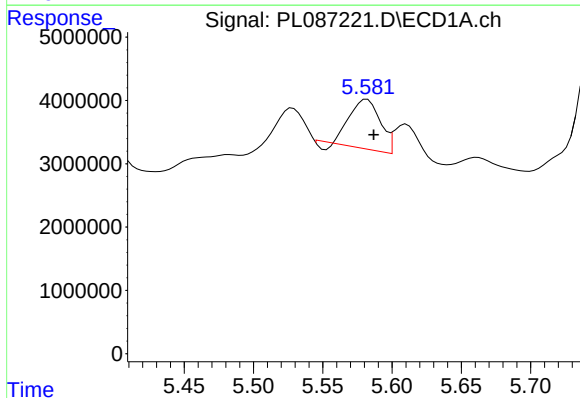
R.T.: 4.661 min  
Delta R.T.: -0.005 min  
Response: 8234690  
Conc: 1.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



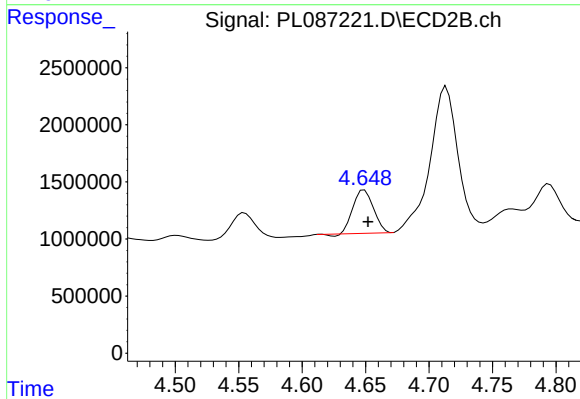
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 536212  
Conc: 0.22 ng/ml



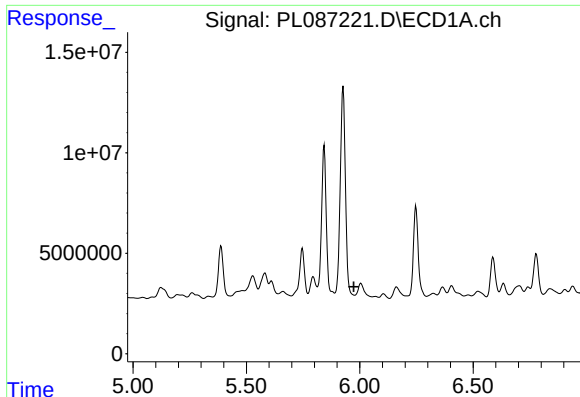
#8 Heptachlor epoxide

R.T.: 5.582 min  
Delta R.T.: -0.005 min  
Response: 11642512  
Conc: 2.47 ng/ml



#8 Heptachlor epoxide

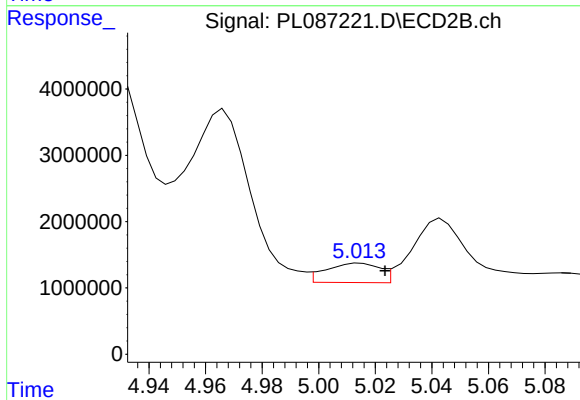
R.T.: 4.649 min  
Delta R.T.: -0.003 min  
Response: 4221926  
Conc: 1.90 ng/ml



#9 Endosulfan I

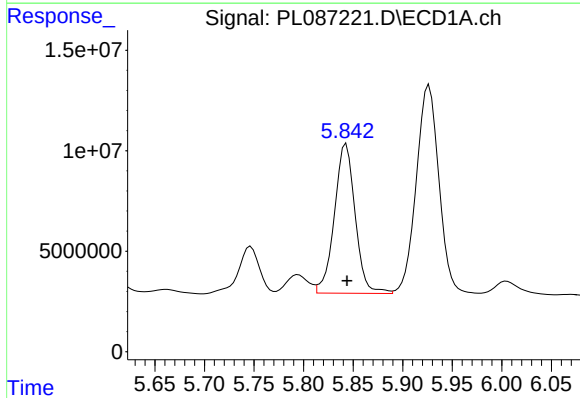
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



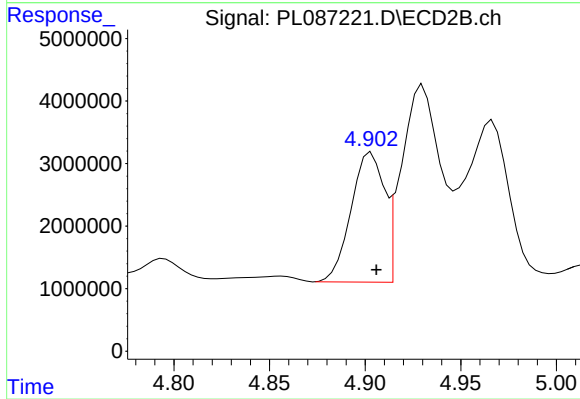
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.009 min  
Response: 3871982  
Conc: 1.79 ng/ml



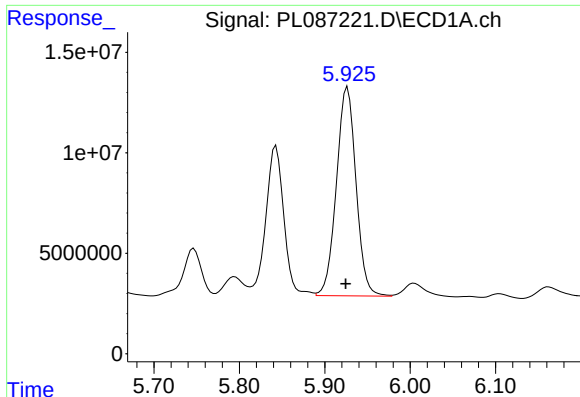
#10 gamma-Chlordane

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 108576183  
Conc: 22.40 ng/ml



#10 gamma-Chlordane

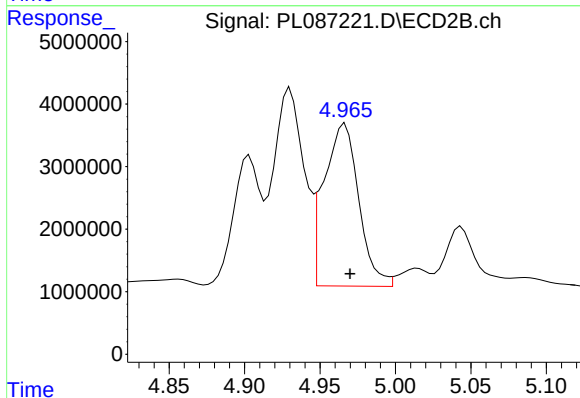
R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 25051659  
Conc: 10.95 ng/ml



#11 alpha-Chlordane

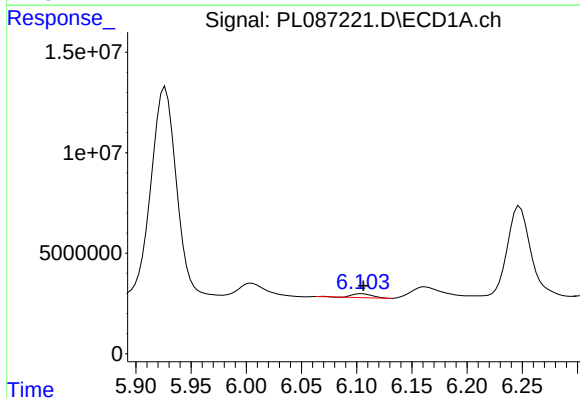
R.T.: 5.927 min  
Delta R.T.: 0.002 min  
Response: 165918405  
Conc: 34.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



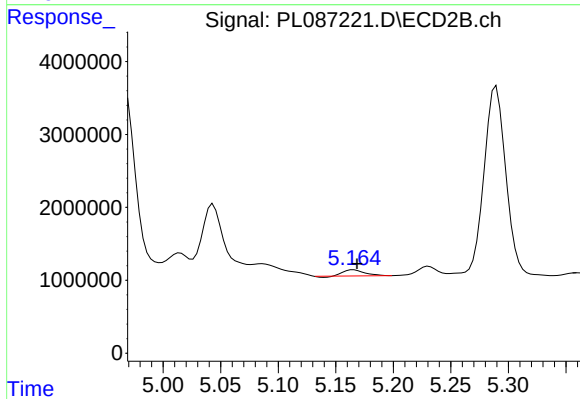
#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 41609785  
Conc: 18.03 ng/ml



#12 4,4'-DDE

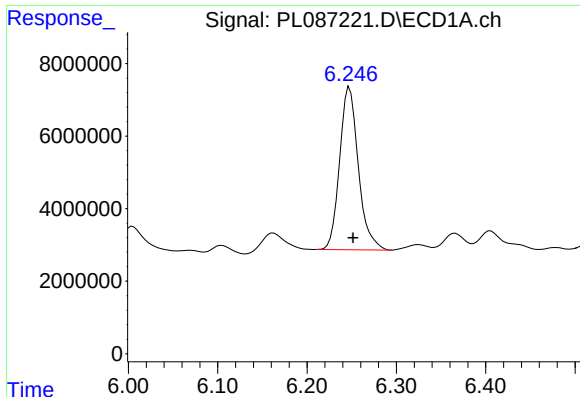
R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 2558860  
Conc: 0.62 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 1033038  
Conc: 0.52 ng/ml

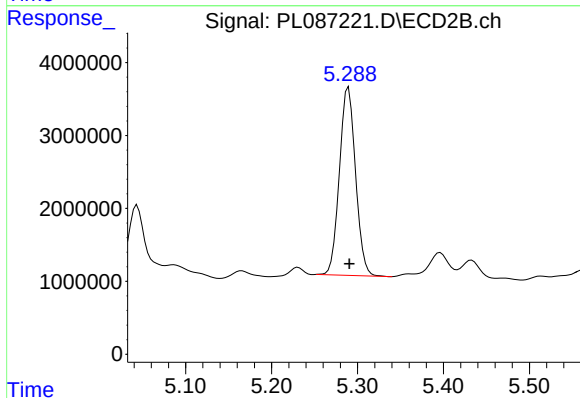




#13 Dieldrin

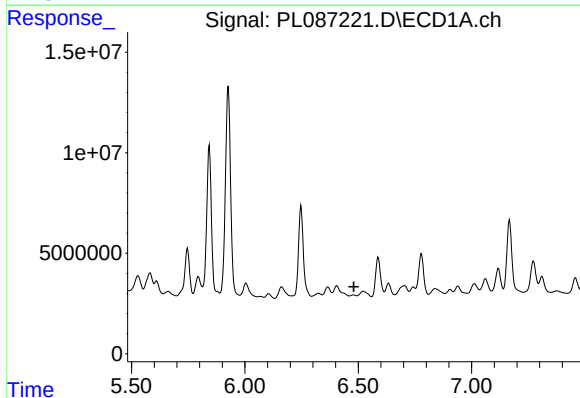
R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 65214606  
Conc: 14.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



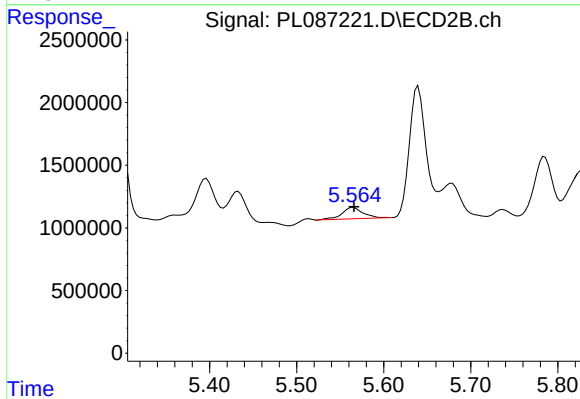
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: -0.001 min  
Response: 33724401  
Conc: 15.14 ng/ml



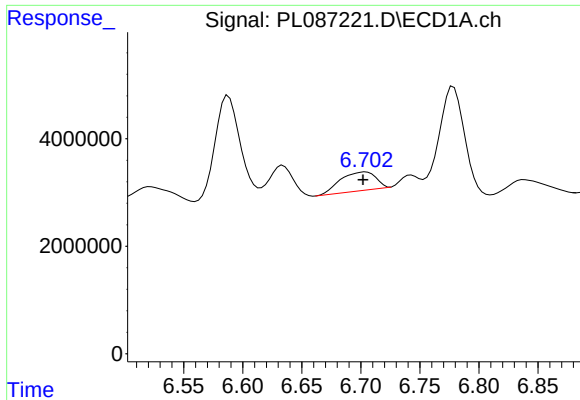
#14 Endrin

R.T.: 6.479 min  
Delta R.T.: -0.002 min  
Response: -506820  
Conc: N.D.



#14 Endrin

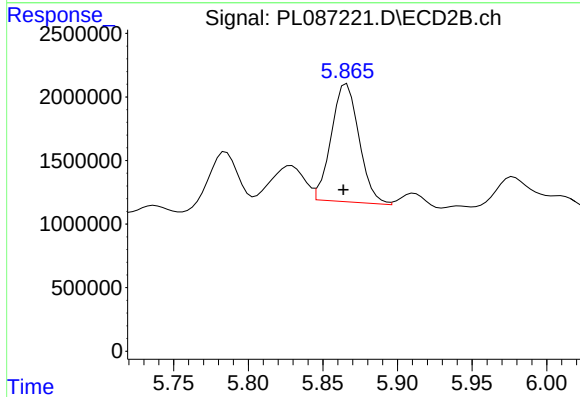
R.T.: 5.565 min  
Delta R.T.: -0.001 min  
Response: 1560560  
Conc: 0.78 ng/ml



#15 Endosulfan II

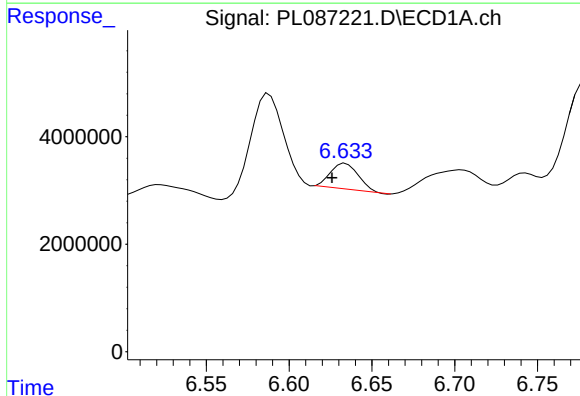
R.T.: 6.704 min  
Delta R.T.: 0.002 min  
Response: 7265417  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



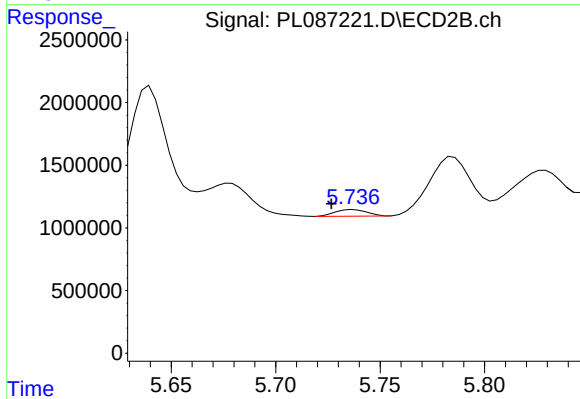
#15 Endosulfan II

R.T.: 5.866 min  
Delta R.T.: 0.002 min  
Response: 12064325  
Conc: 6.20 ng/ml



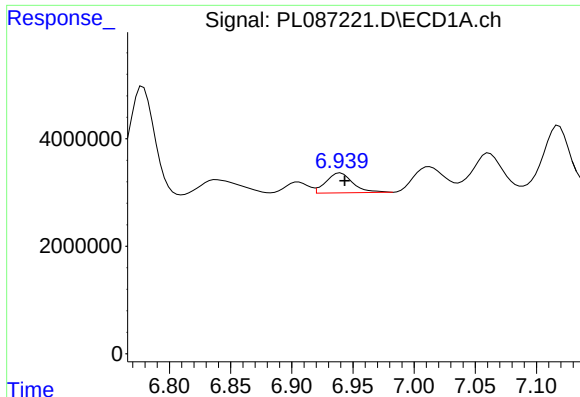
#16 4,4'-DDD

R.T.: 6.634 min  
Delta R.T.: 0.008 min  
Response: 5646039  
Conc: 1.71 ng/ml



#16 4,4'-DDD

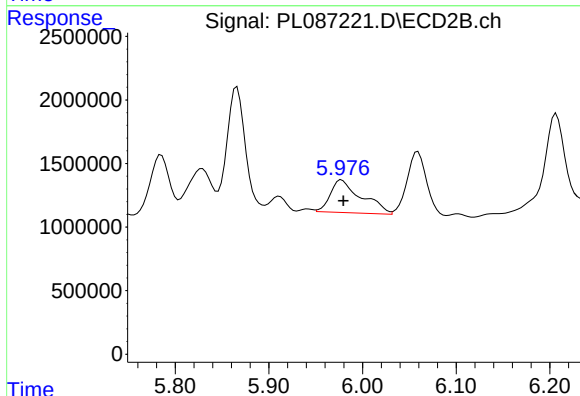
R.T.: 5.737 min  
Delta R.T.: 0.010 min  
Response: 561766  
Conc: 0.34 ng/ml



#17 4,4'-DDT

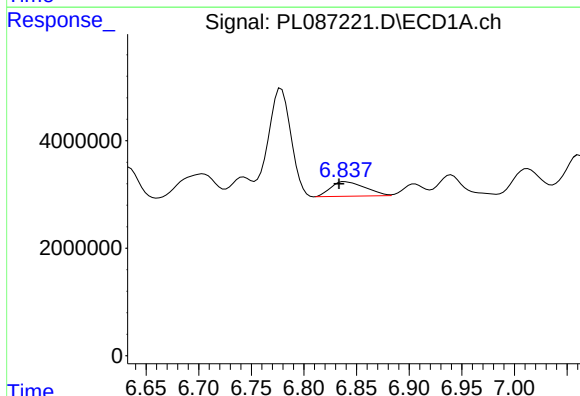
R.T.: 6.940 min  
Delta R.T.: -0.003 min  
Response: 5634905  
Conc: 1.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



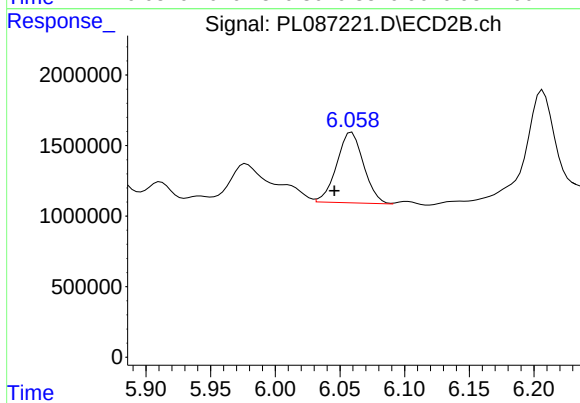
#17 4,4'-DDT

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 5931753  
Conc: 3.22 ng/ml



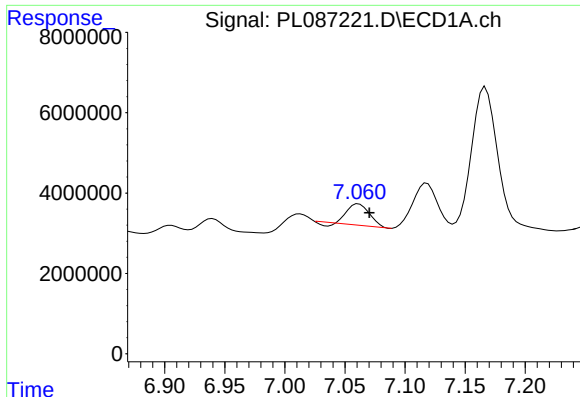
#18 Endrin aldehyde

R.T.: 6.839 min  
Delta R.T.: 0.006 min  
Response: 6181421  
Conc: 2.13 ng/ml



#18 Endrin aldehyde

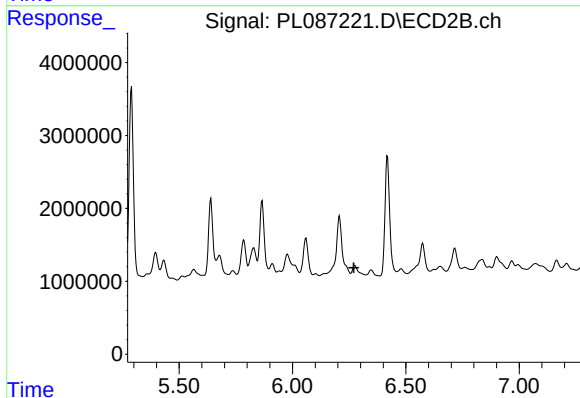
R.T.: 6.059 min  
Delta R.T.: 0.013 min  
Response: 7226567  
Conc: 4.92 ng/ml



#19 Endosulfan Sulfate

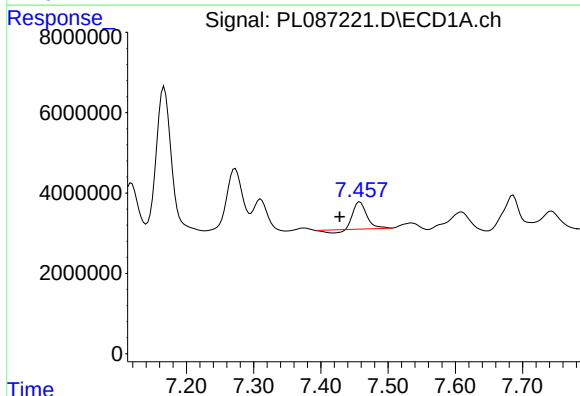
R.T.: 7.061 min  
Delta R.T.: -0.009 min  
Response: 6505138  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



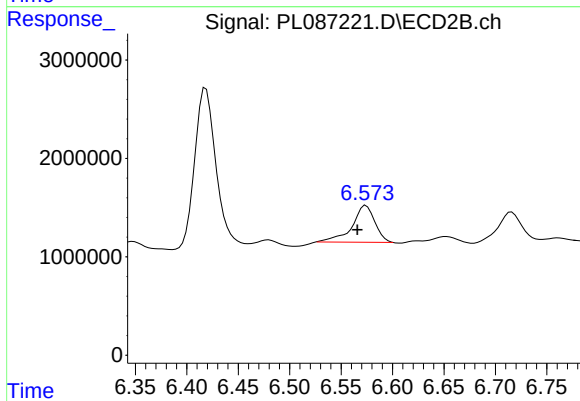
#19 Endosulfan Sulfate

R.T.: 6.275 min  
Delta R.T.: 0.004 min  
Response: -503248  
Conc: N.D.



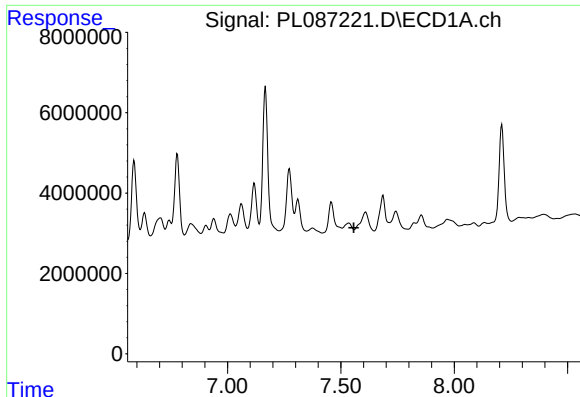
#20 Methoxychlor

R.T.: 7.458 min  
Delta R.T.: 0.030 min  
Response: 8759666  
Conc: 4.49 ng/ml



#20 Methoxychlor

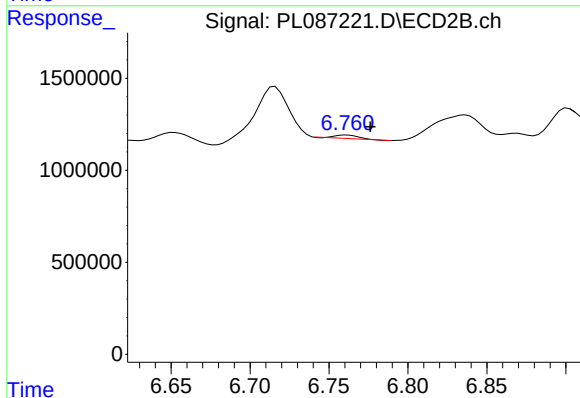
R.T.: 6.574 min  
Delta R.T.: 0.008 min  
Response: 5777879  
Conc: 5.66 ng/ml



#21 Endrin ketone

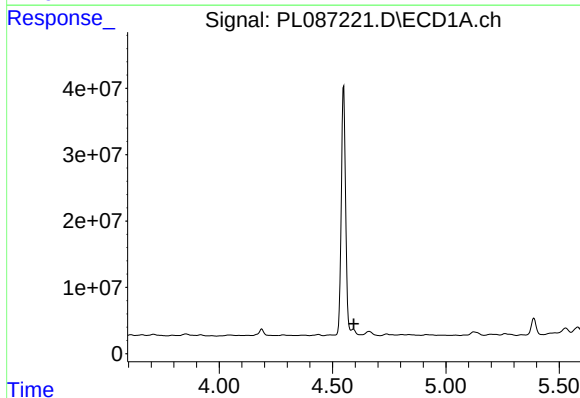
R.T.: 0.000 min  
Exp R.T.: 7.557 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



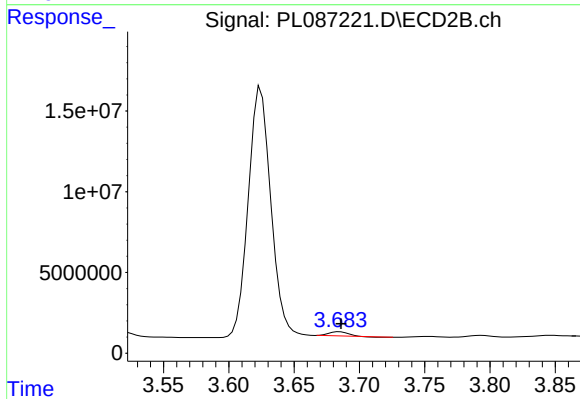
#21 Endrin ketone

R.T.: 6.761 min  
Delta R.T.: -0.015 min  
Response: 183902  
Conc: 0.09 ng/ml



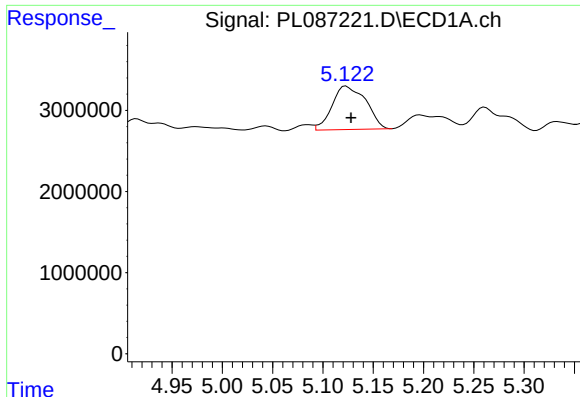
#23 Chlordane-1

R.T.: 4.592 min  
Delta R.T.: -0.003 min  
Response: -43582498  
Conc: N.D.



#23 Chlordane-1

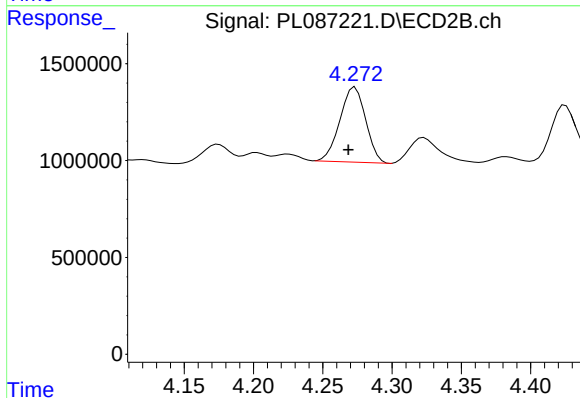
R.T.: 3.685 min  
Delta R.T.: -0.001 min  
Response: 2614119  
Conc: 42.14 ng/ml



#24 Chlordane-2

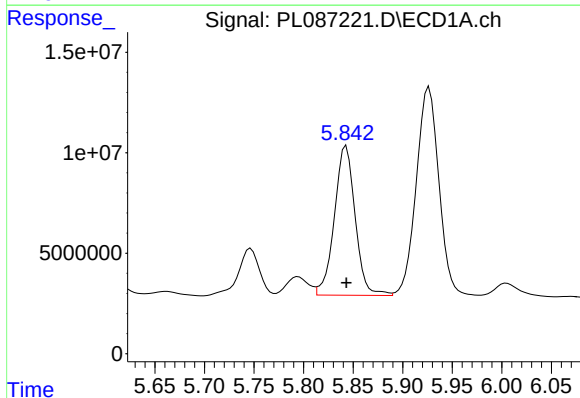
R.T.: 5.123 min  
Delta R.T.: -0.005 min  
Response: 12497280  
Conc: 71.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



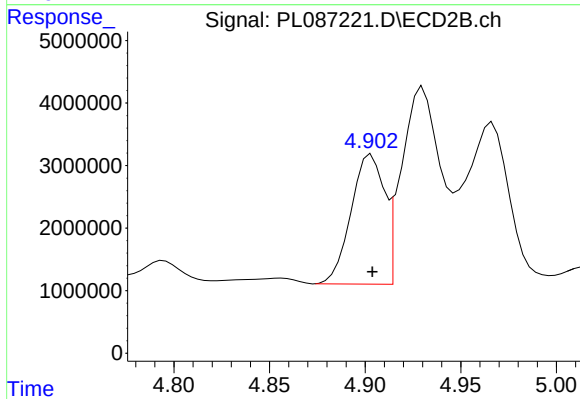
#24 Chlordane-2

R.T.: 4.273 min  
Delta R.T.: 0.005 min  
Response: 5014076  
Conc: 65.31 ng/ml



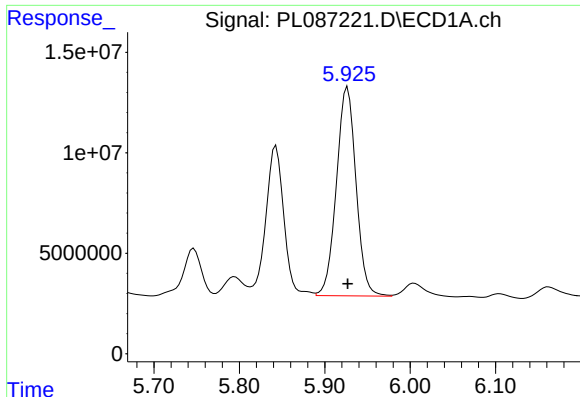
#25 Chlordane-3

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 108576183  
Conc: 155.76 ng/ml



#25 Chlordane-3

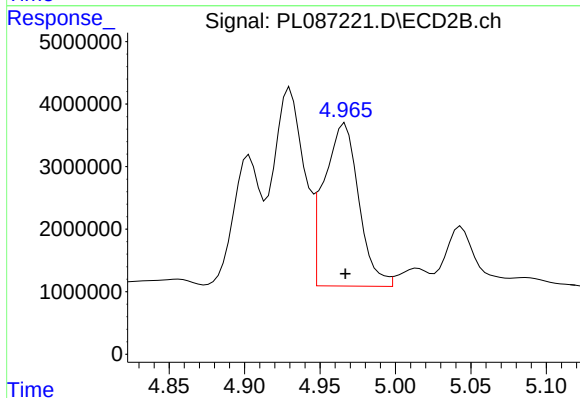
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 25051659  
Conc: 113.32 ng/ml



#26 Chlordane-4

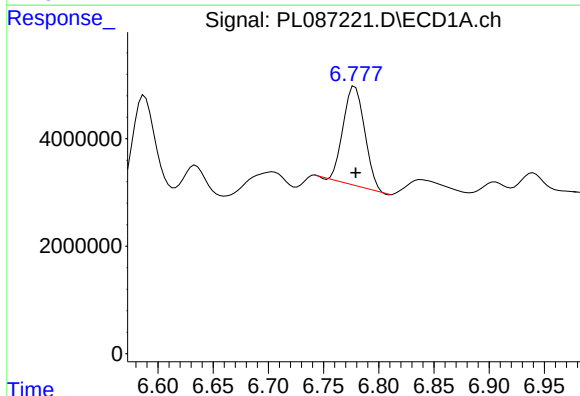
R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 165918405  
Conc: 194.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



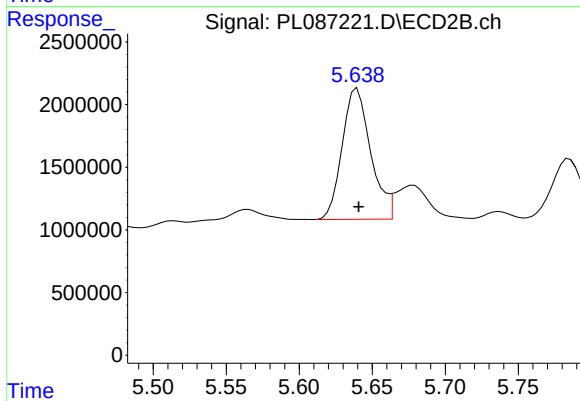
#26 Chlordane-4

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 41609785  
Conc: 178.72 ng/ml



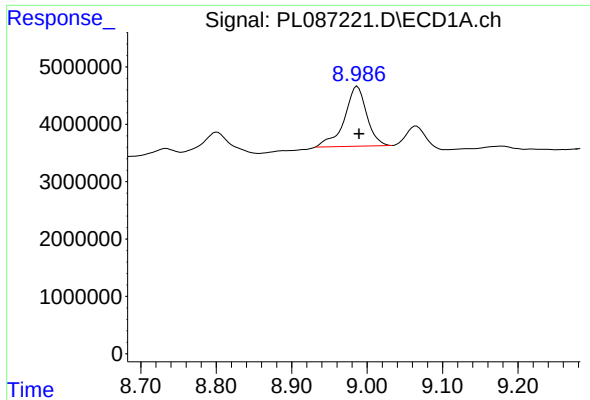
#27 Chlordane-5

R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 25076927  
Conc: 181.57 ng/ml



#27 Chlordane-5

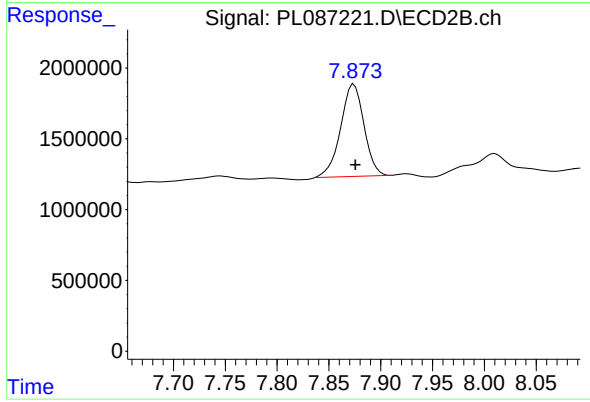
R.T.: 5.640 min  
Delta R.T.: -0.001 min  
Response: 14184781  
Conc: 219.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.002 min  
Response: 21492092  
Conc: 6.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.874 min  
Delta R.T.: -0.001 min  
Response: 10245574  
Conc: 6.07 ng/ml