

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100521\  
 Data File : PL070151.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2021 13:59  
 Operator : AR\AJ  
 Sample : M4056-02  
 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 06 04:45:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 29 09:19:28 2021  
 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... | 4.626  | 5.563   | 7350173 | 18384305 | 14.689 | 13.900  |
| 28)                         | SA Decachlor... | 10.390 | 11.480  | 9586896 | 15963873 | 13.854 | 13.191  |
| Target Compounds            |                 |        |         |         |          |        |         |
| 3)                          | MA gamma-BHC... | 5.777f | 6.543   | 80795   | 133094   | 0.116  | 0.073 # |
| 4)                          | MA Heptachlor   | 6.195f | 0.000   | 24517   | 0        | 0.032  | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 7.575   | 0       | 10366    | N.D.   | 0.006 # |
| 7)                          | B delta-BHC     | 0.000  | 7.082f  | 0       | 362240   | N.D.   | 0.187 # |
| 8)                          | B Heptachlo...  | 0.000  | 8.023   | 0       | 131203   | N.D.   | 0.085 # |
| 9)                          | A Endosulfan I  | 0.000  | 8.463f  | 0       | 17770    | N.D.   | 0.012 # |
| 10)                         | B gamma-Chl...  | 7.342  | 8.295   | 427590  | 1619081  | 0.590  | 1.012 # |
| 11)                         | B alpha-Chl...  | 7.412  | 8.378   | 481218  | 1768719  | 0.661  | 1.121 # |
| 12)                         | B 4,4'-DDE      | 7.626  | 8.563   | 7286573 | 16703871 | 11.449 | 10.785  |
| 13)                         | MA Dieldrin     | 7.763  | 8.716   | 42907   | 118039   | 0.062  | 0.077   |
| 14)                         | MA Endrin       | 8.065  | 8.958   | 817937  | 123619   | 1.294  | 0.098 # |
| 15)                         | B Endosulfa...  | 8.352  | 9.213   | 63794   | 383545   | 0.101  | 0.321 # |
| 16)                         | A 4,4'-DDD      | 8.211  | 9.104   | 1361065 | 3067012  | 2.427  | 2.596   |
| 17)                         | MA 4,4'-DDT     | 8.472  | 9.420   | 4424696 | 6656049  | 7.233  | 5.093 # |
| 18)                         | B Endrin al...  | 8.568f | 9.339   | 110085  | 58020    | 0.222  | 0.060 # |
| 19)                         | B Endosulfa...  | 8.776  | 9.602f  | 236984  | 10384    | 0.359  | 0.008 # |
| 20)                         | A Methoxychlor  | 9.100f | 9.888f  | 11239   | 40204    | 0.030  | 0.062 # |
| 21)                         | B Endrin ke...  | 9.328f | 10.052f | 87608   | 70960    | 0.115  | 0.053 # |
| 22)                         | Mirex           | 9.482  | 10.553  | 43095   | 188656   | 0.065  | 0.192 # |
| 23)                         | Chlordane-1     | 5.954  | 6.945   | 64238   | -96313   | 3.502  | N.D. #  |
| 24)                         | Chlordane-2     | 6.644  | 7.531   | 112303  | 298908   | 4.446  | 5.547   |
| 25)                         | Chlordane-3     | 7.342  | 8.295   | 427590  | 1619081  | 6.250  | 7.645   |
| 26)                         | Chlordane-4     | 7.412  | 8.378   | 481218  | 1768719  | 6.585  | 6.959   |
| 27)                         | Chlordane-5     | 8.352f | 0.000   | 63794   | 0        | 3.208  | N.D. #  |
| -----                       |                 |        |         |         |          |        |         |

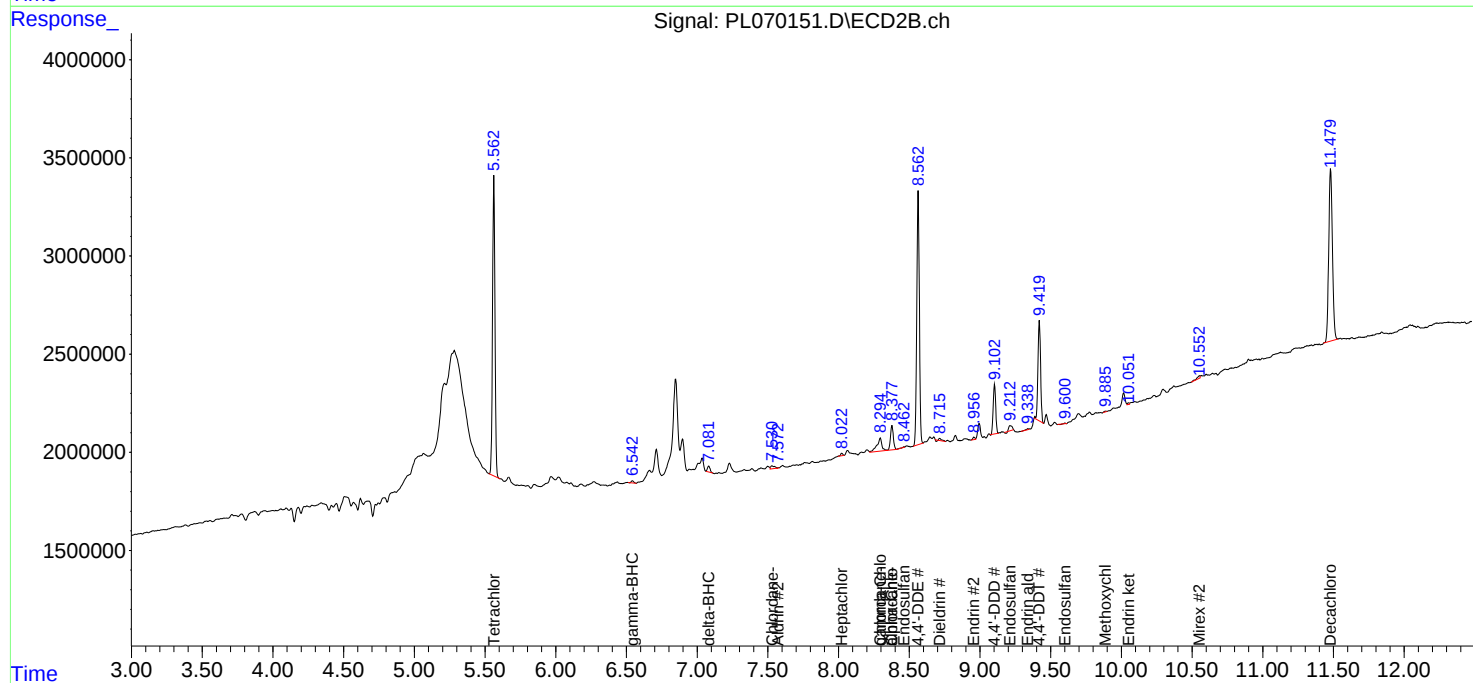
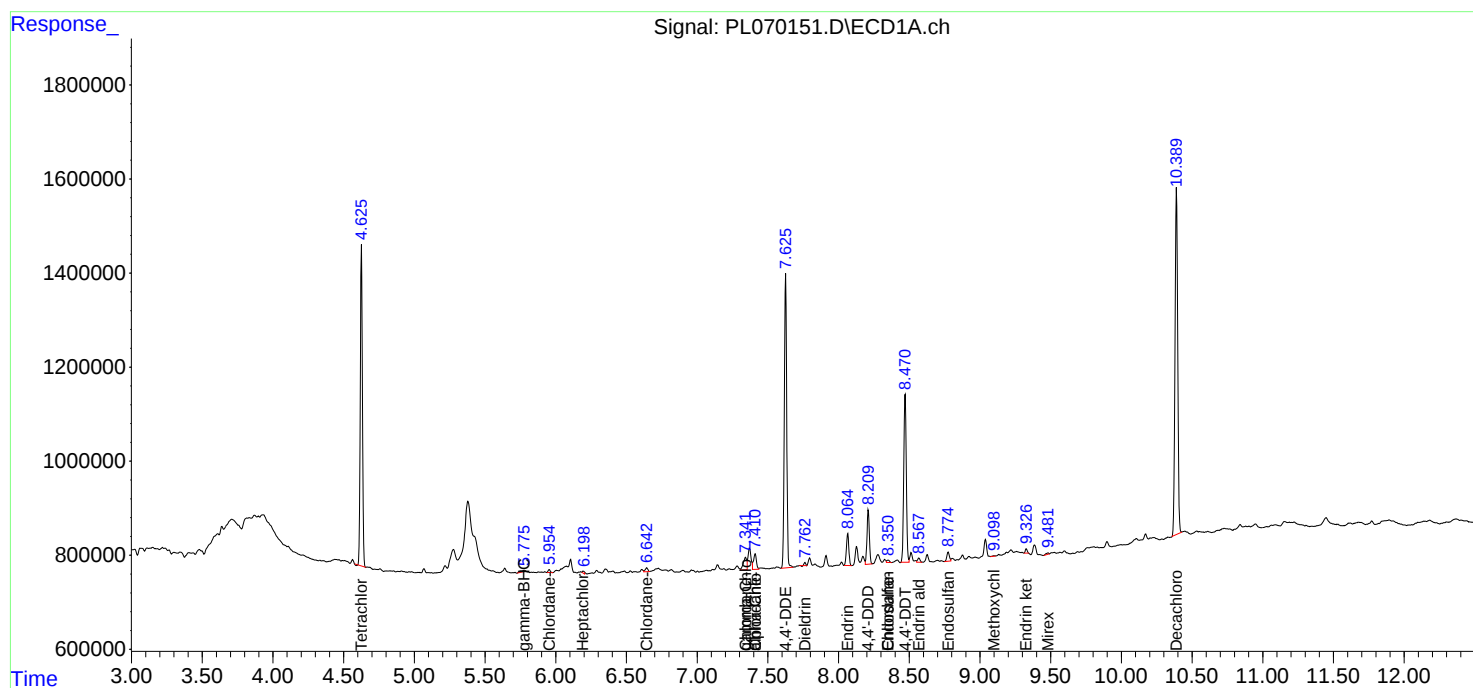
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

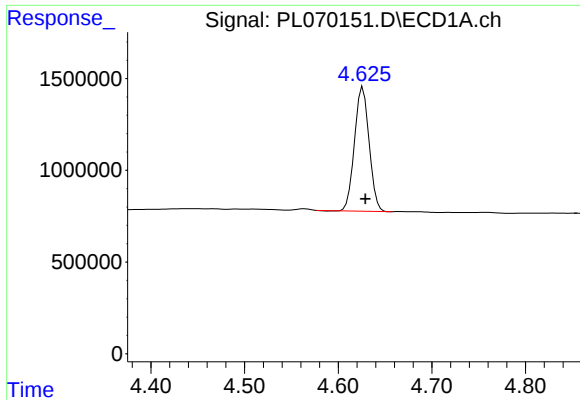
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100521\  
 Data File : PL070151.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2021 13:59  
 Operator : AR\AJ  
 Sample : M4056-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 04:45:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
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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

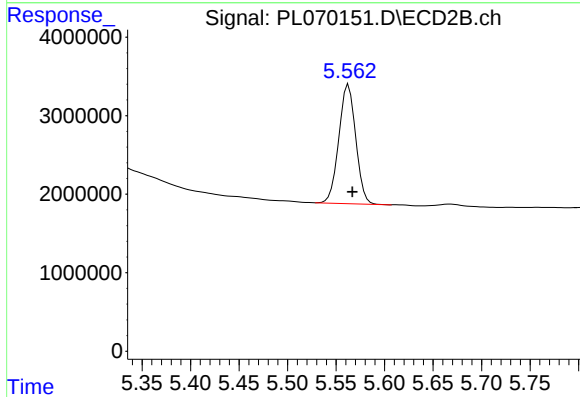




#1 Tetrachloro-m-xylene

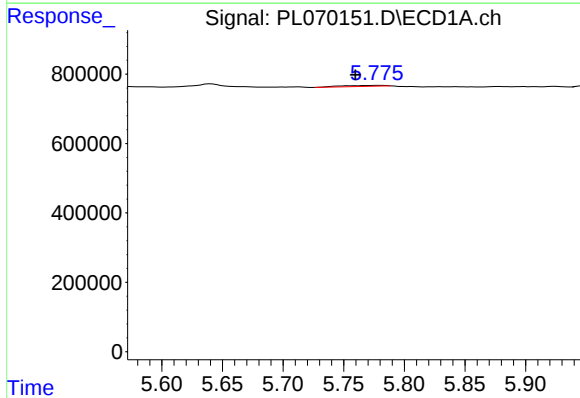
R.T.: 4.626 min  
Delta R.T.: -0.003 min  
Response: 7350173  
Conc: 14.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



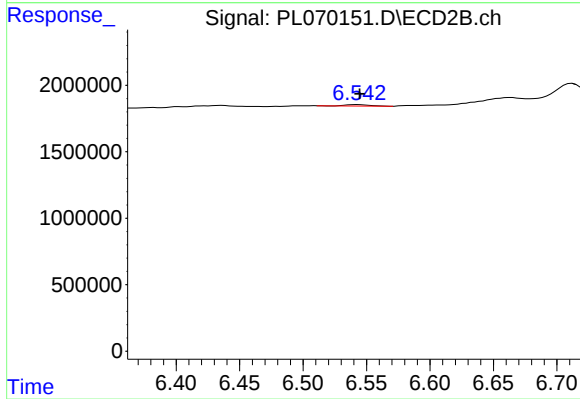
#1 Tetrachloro-m-xylene

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 18384305  
Conc: 13.90 ng/ml



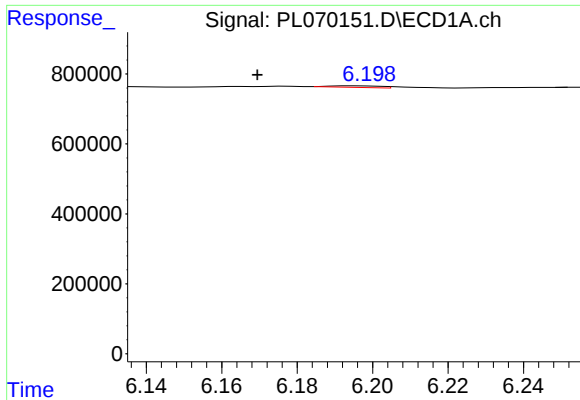
#3 gamma-BHC (Lindane)

R.T.: 5.777 min  
Delta R.T.: 0.018 min  
Response: 80795  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

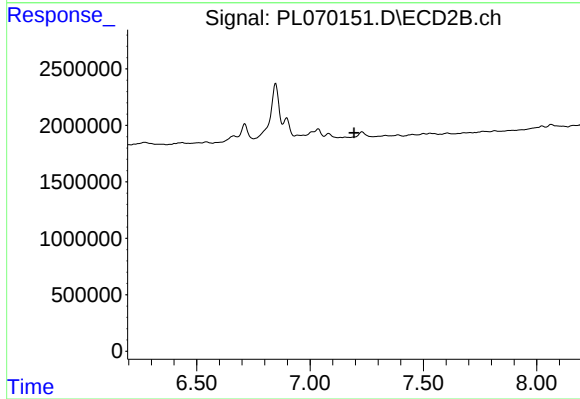
R.T.: 6.543 min  
Delta R.T.: -0.001 min  
Response: 133094  
Conc: 0.07 ng/ml



#4 Heptachlor

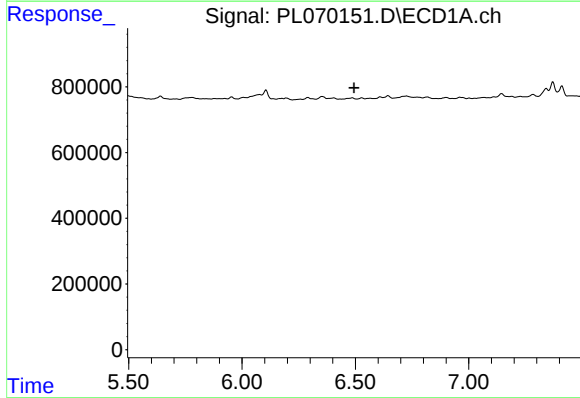
R.T.: 6.195 min  
Delta R.T.: 0.025 min  
Response: 24517  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



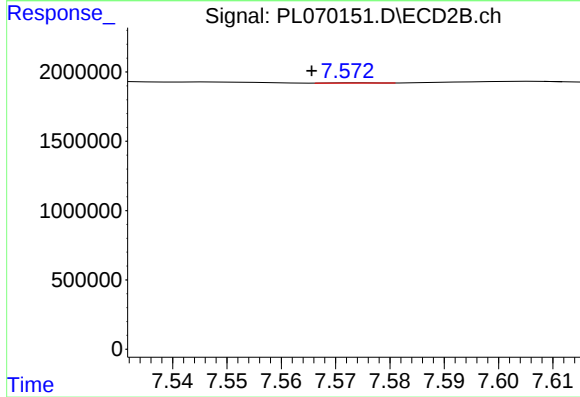
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 7.194 min  
Response: 0  
Conc: N.D.



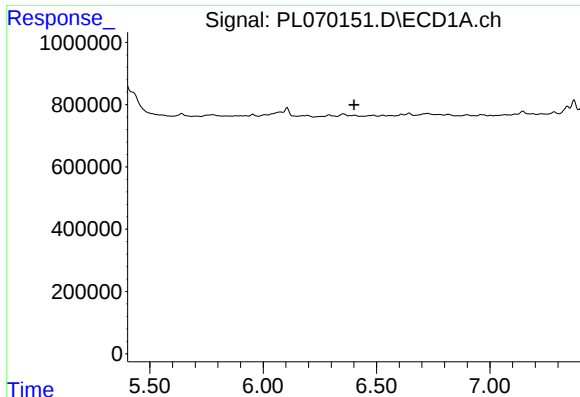
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 6.495 min  
Response: 0  
Conc: N.D.



#5 Aldrin

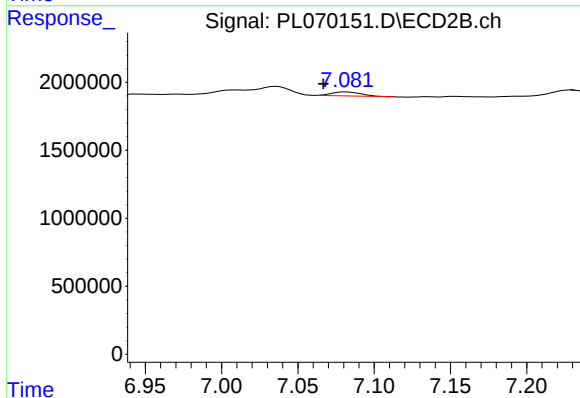
R.T.: 7.575 min  
Delta R.T.: 0.009 min  
Response: 10366  
Conc: 0.01 ng/ml



#7 delta-BHC

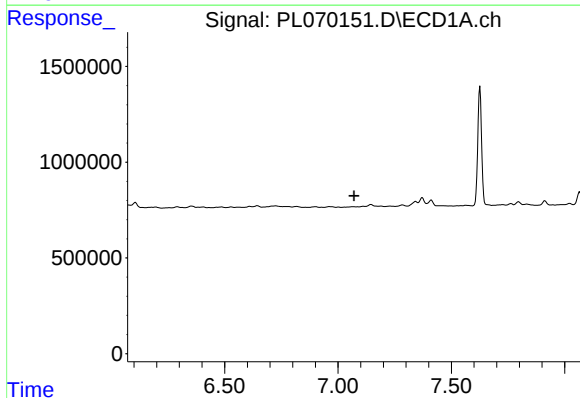
R.T.: 0.000 min  
Exp R.T.: 6.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



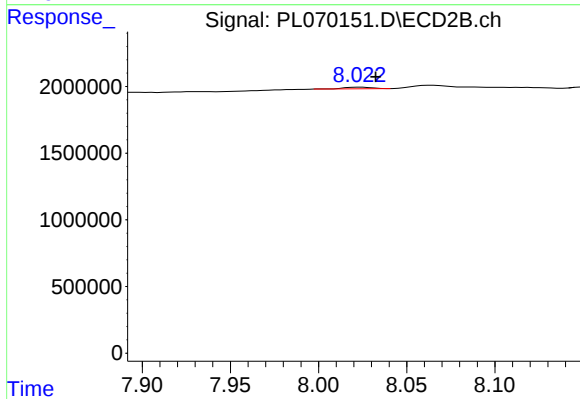
#7 delta-BHC

R.T.: 7.082 min  
Delta R.T.: 0.015 min  
Response: 362240  
Conc: 0.19 ng/ml



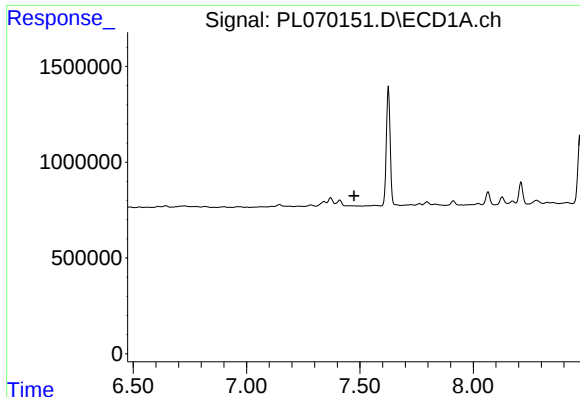
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

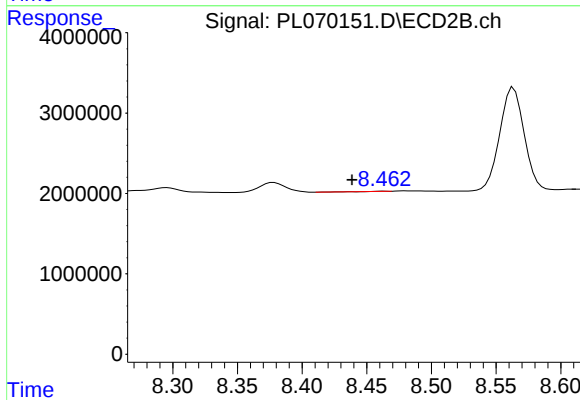
R.T.: 8.023 min  
Delta R.T.: -0.009 min  
Response: 131203  
Conc: 0.08 ng/ml



#9 Endosulfan I

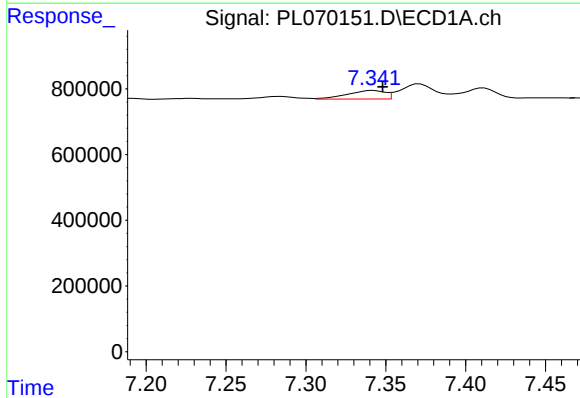
R.T.: 0.000 min  
Exp R.T.: 7.474 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



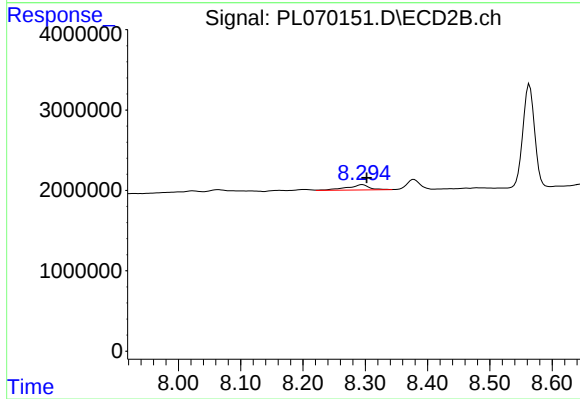
#9 Endosulfan I

R.T.: 8.463 min  
Delta R.T.: 0.025 min  
Response: 17770  
Conc: 0.01 ng/ml



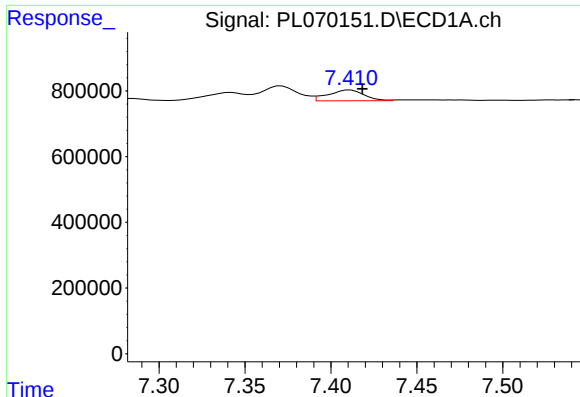
#10 gamma-Chlordane

R.T.: 7.342 min  
Delta R.T.: -0.006 min  
Response: 427590  
Conc: 0.59 ng/ml



#10 gamma-Chlordane

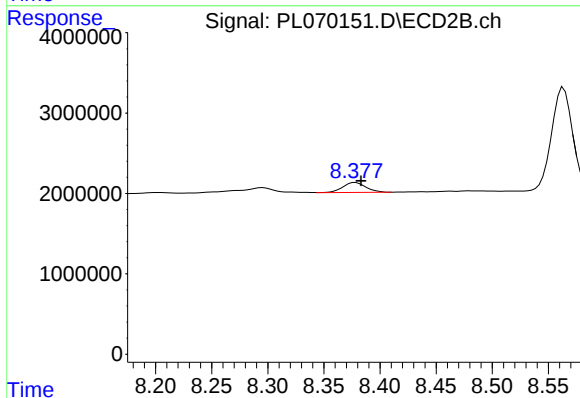
R.T.: 8.295 min  
Delta R.T.: -0.007 min  
Response: 1619081  
Conc: 1.01 ng/ml



#11 alpha-Chlordane

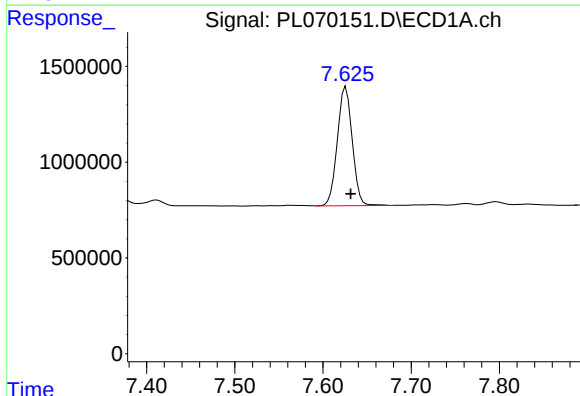
R.T.: 7.412 min  
Delta R.T.: -0.007 min  
Response: 481218  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



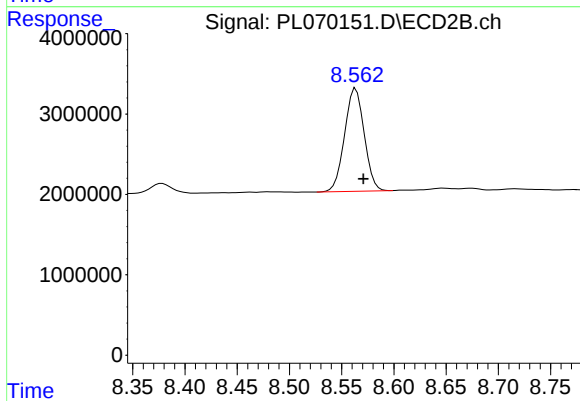
#11 alpha-Chlordane

R.T.: 8.378 min  
Delta R.T.: -0.005 min  
Response: 1768719  
Conc: 1.12 ng/ml



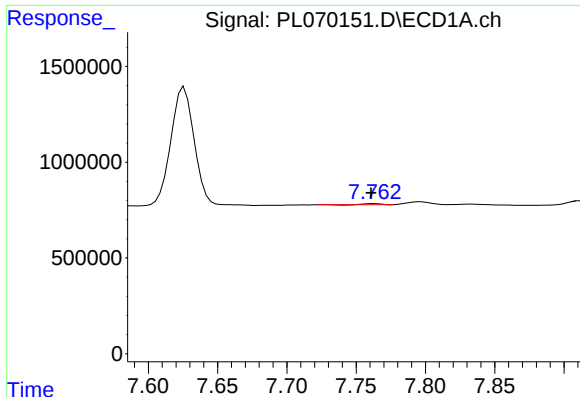
#12 4,4'-DDE

R.T.: 7.626 min  
Delta R.T.: -0.006 min  
Response: 7286573  
Conc: 11.45 ng/ml



#12 4,4'-DDE

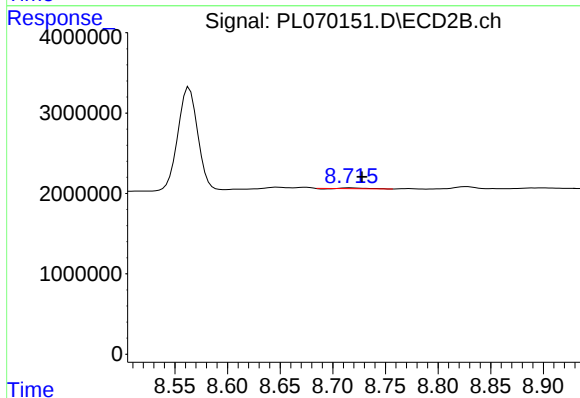
R.T.: 8.563 min  
Delta R.T.: -0.007 min  
Response: 16703871  
Conc: 10.78 ng/ml



#13 Dieldrin

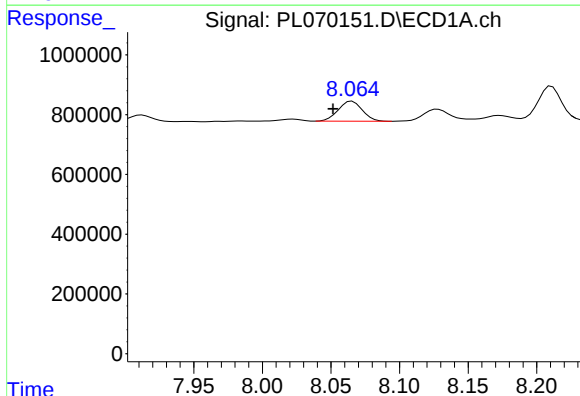
R.T.: 7.763 min  
Delta R.T.: 0.002 min  
Response: 42907  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



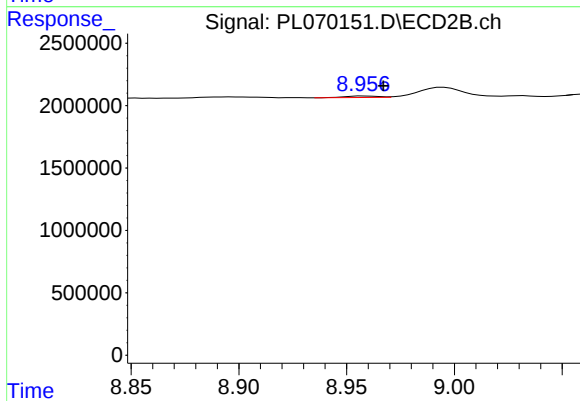
#13 Dieldrin

R.T.: 8.716 min  
Delta R.T.: -0.011 min  
Response: 118039  
Conc: 0.08 ng/ml



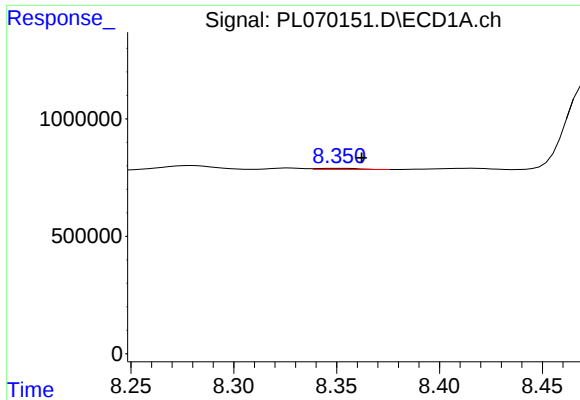
#14 Endrin

R.T.: 8.065 min  
Delta R.T.: 0.014 min  
Response: 817937  
Conc: 1.29 ng/ml



#14 Endrin

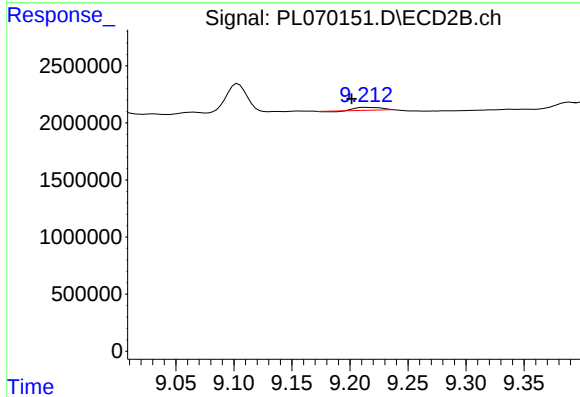
R.T.: 8.958 min  
Delta R.T.: -0.009 min  
Response: 123619  
Conc: 0.10 ng/ml



#15 Endosulfan II

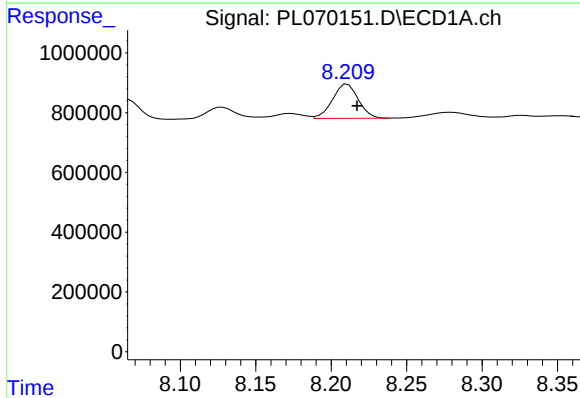
R.T.: 8.352 min  
Delta R.T.: -0.011 min  
Response: 63794  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



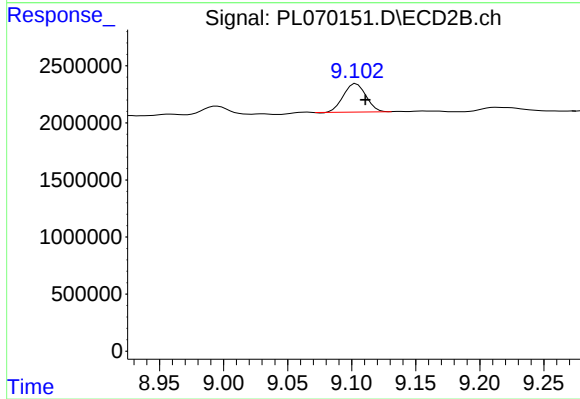
#15 Endosulfan II

R.T.: 9.213 min  
Delta R.T.: 0.012 min  
Response: 383545  
Conc: 0.32 ng/ml



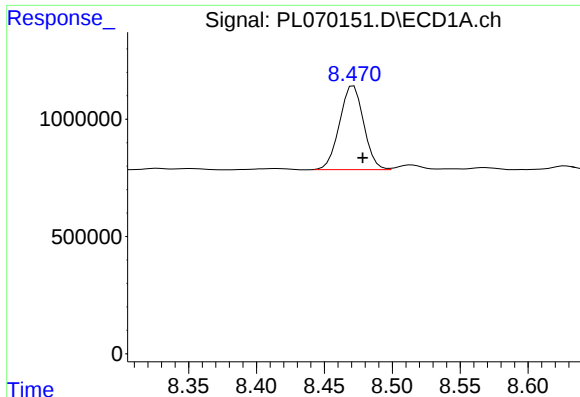
#16 4,4'-DDD

R.T.: 8.211 min  
Delta R.T.: -0.006 min  
Response: 1361065  
Conc: 2.43 ng/ml



#16 4,4'-DDD

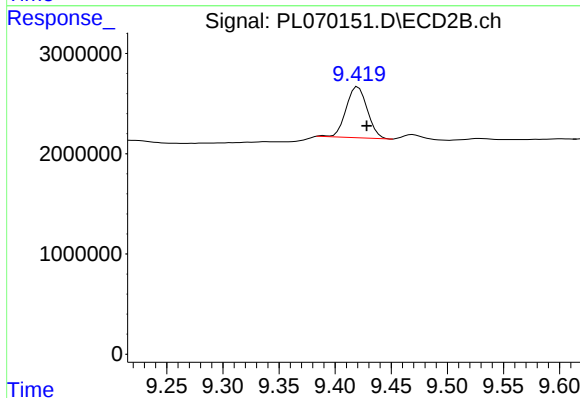
R.T.: 9.104 min  
Delta R.T.: -0.007 min  
Response: 3067012  
Conc: 2.60 ng/ml



#17 4,4'-DDT

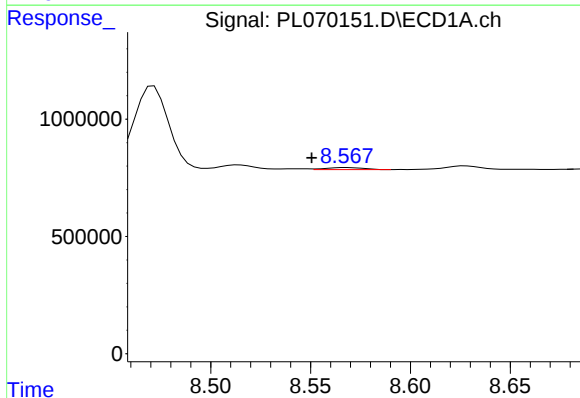
R.T.: 8.472 min  
Delta R.T.: -0.007 min  
Response: 4424696  
Conc: 7.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



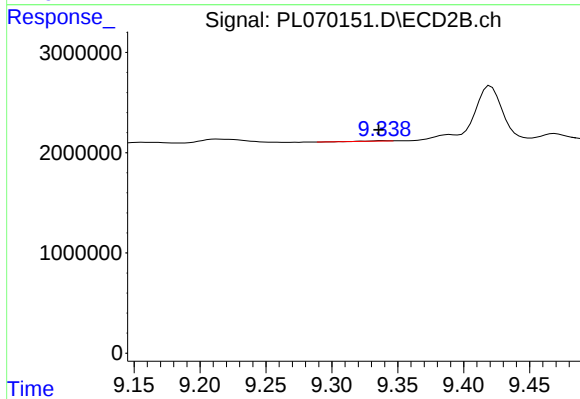
#17 4,4'-DDT

R.T.: 9.420 min  
Delta R.T.: -0.008 min  
Response: 6656049  
Conc: 5.09 ng/ml



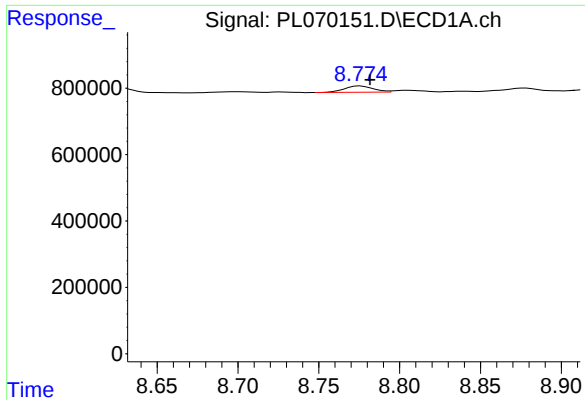
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: 0.018 min  
Response: 110085  
Conc: 0.22 ng/ml



#18 Endrin aldehyde

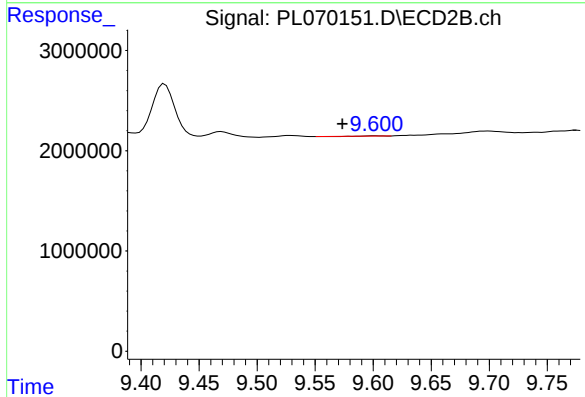
R.T.: 9.339 min  
Delta R.T.: 0.004 min  
Response: 58020  
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

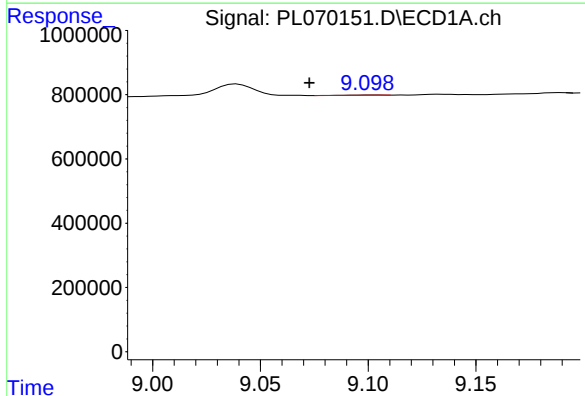
R.T.: 8.776 min  
Delta R.T.: -0.006 min  
Response: 236984  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



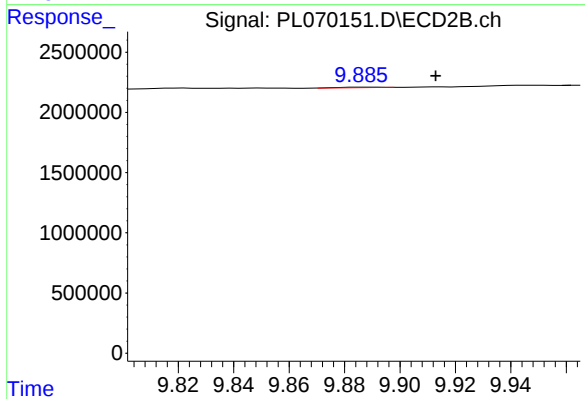
#19 Endosulfan Sulfate

R.T.: 9.602 min  
Delta R.T.: 0.028 min  
Response: 10384  
Conc: 0.01 ng/ml



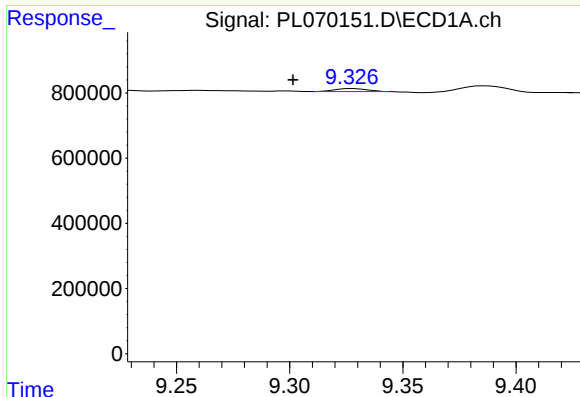
#20 Methoxychlor

R.T.: 9.100 min  
Delta R.T.: 0.027 min  
Response: 11239  
Conc: 0.03 ng/ml



#20 Methoxychlor

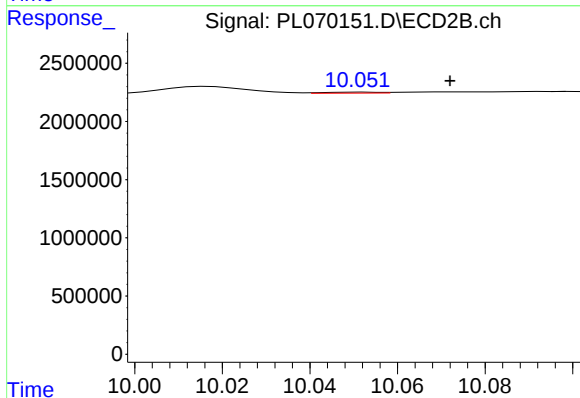
R.T.: 9.888 min  
Delta R.T.: -0.025 min  
Response: 40204  
Conc: 0.06 ng/ml



#21 Endrin ketone

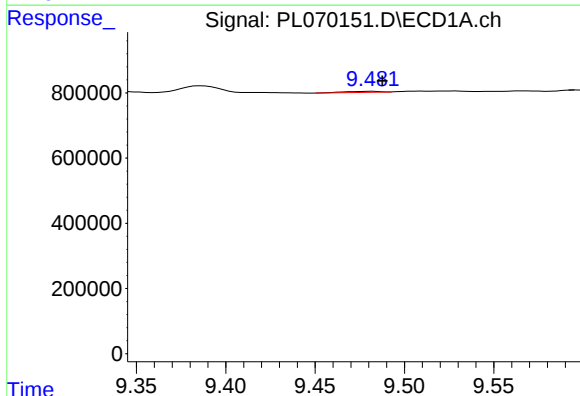
R.T.: 9.328 min  
Delta R.T.: 0.026 min  
Response: 87608  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



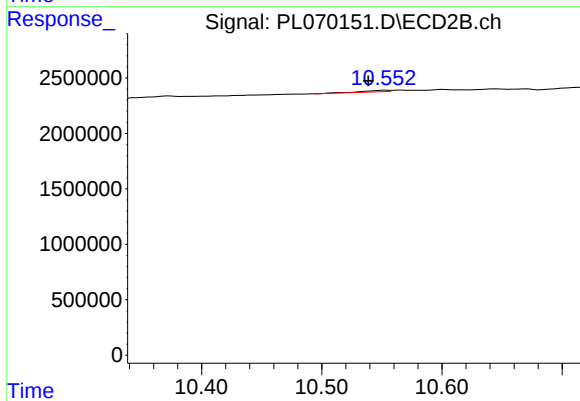
#21 Endrin ketone

R.T.: 10.052 min  
Delta R.T.: -0.020 min  
Response: 70960  
Conc: 0.05 ng/ml



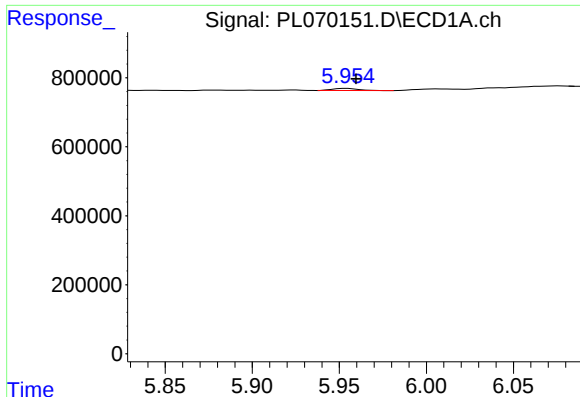
#22 Mirex

R.T.: 9.482 min  
Delta R.T.: -0.005 min  
Response: 43095  
Conc: 0.07 ng/ml



#22 Mirex

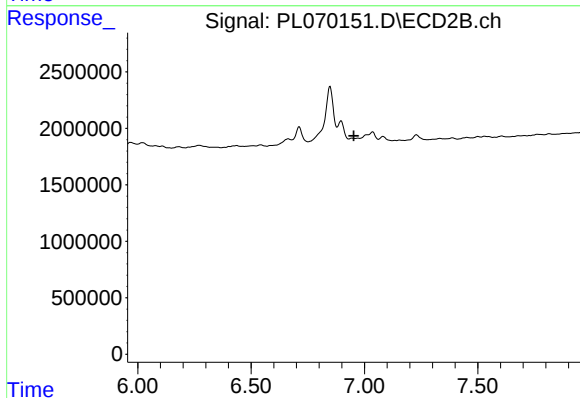
R.T.: 10.553 min  
Delta R.T.: 0.014 min  
Response: 188656  
Conc: 0.19 ng/ml



#23 Chlordane-1

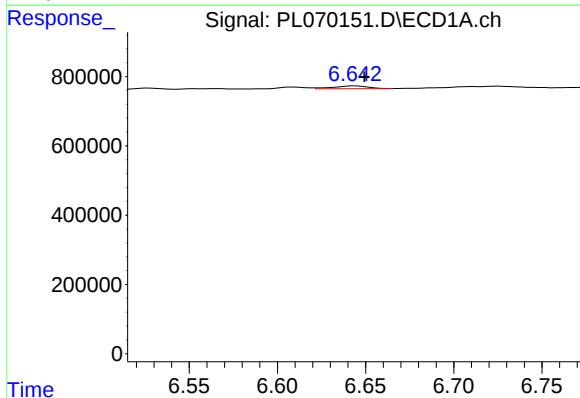
R.T.: 5.954 min  
Delta R.T.: -0.005 min  
Response: 64238  
Conc: 3.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



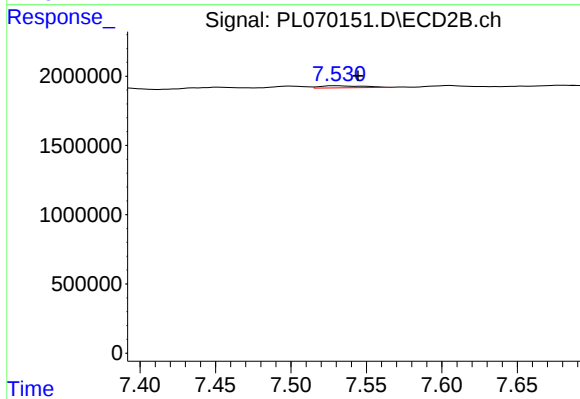
#23 Chlordane-1

R.T.: 6.945 min  
Delta R.T.: -0.008 min  
Response: -96313  
Conc: N.D.



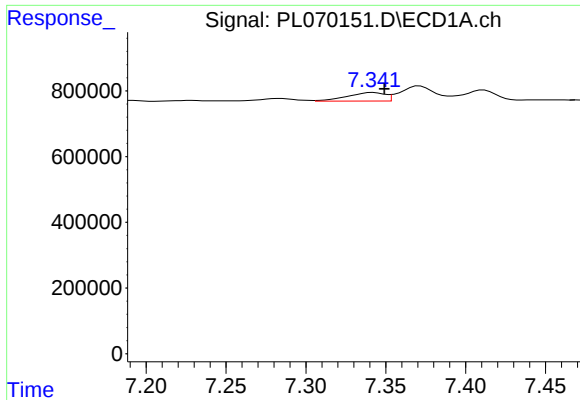
#24 Chlordane-2

R.T.: 6.644 min  
Delta R.T.: -0.005 min  
Response: 112303  
Conc: 4.45 ng/ml



#24 Chlordane-2

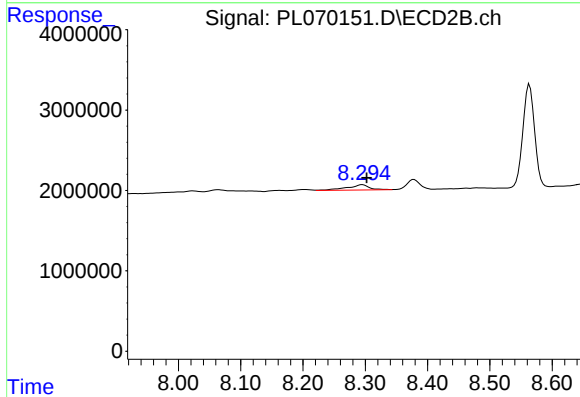
R.T.: 7.531 min  
Delta R.T.: -0.014 min  
Response: 298908  
Conc: 5.55 ng/ml



#25 Chlordane-3

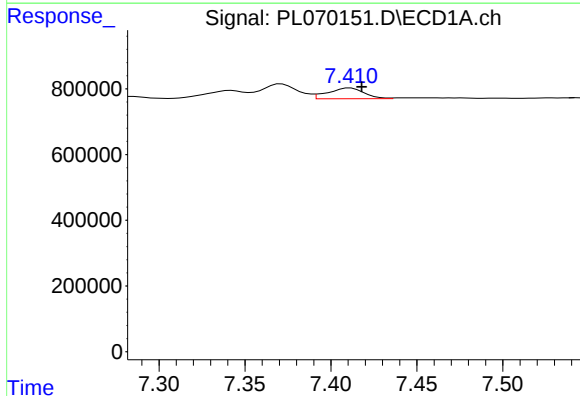
R.T.: 7.342 min  
Delta R.T.: -0.007 min  
Response: 427590  
Conc: 6.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



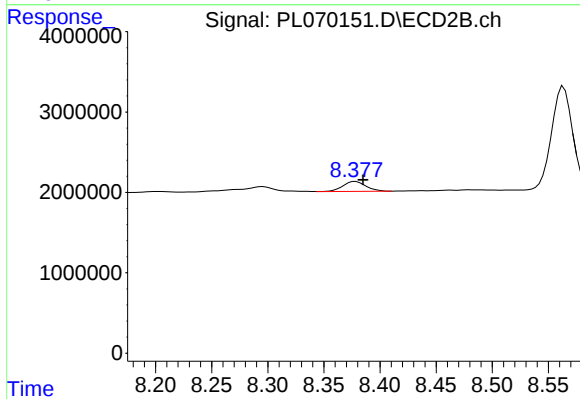
#25 Chlordane-3

R.T.: 8.295 min  
Delta R.T.: -0.007 min  
Response: 1619081  
Conc: 7.64 ng/ml



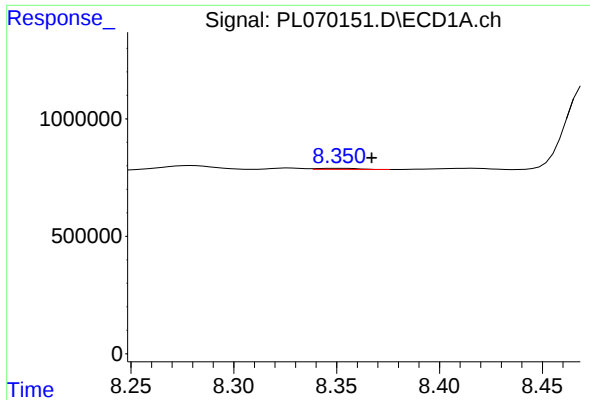
#26 Chlordane-4

R.T.: 7.412 min  
Delta R.T.: -0.006 min  
Response: 481218  
Conc: 6.58 ng/ml



#26 Chlordane-4

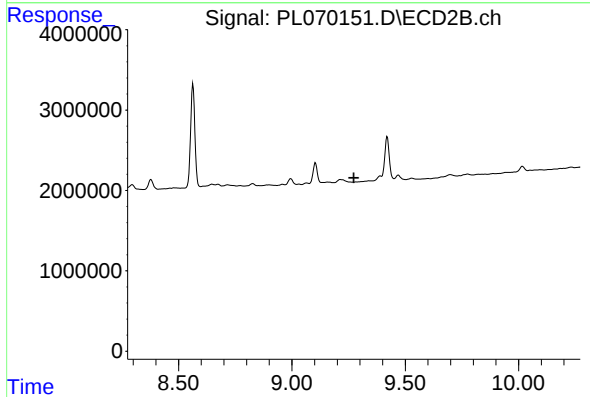
R.T.: 8.378 min  
Delta R.T.: -0.007 min  
Response: 1768719  
Conc: 6.96 ng/ml



#27 Chlordane-5

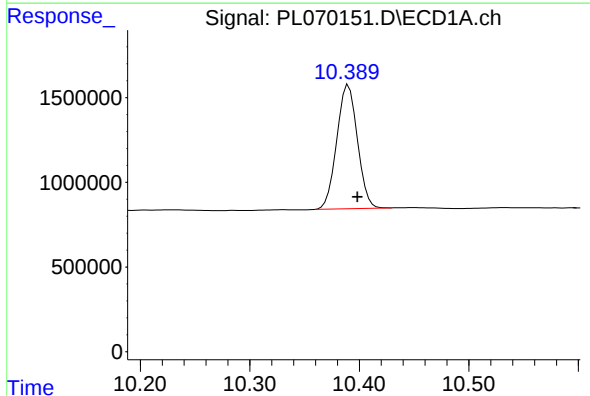
R.T.: 8.352 min  
Delta R.T.: -0.015 min  
Response: 63794  
Conc: 3.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



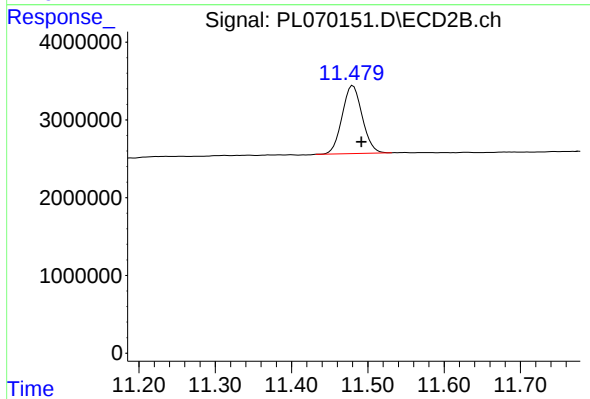
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.390 min  
Delta R.T.: -0.008 min  
Response: 9586896  
Conc: 13.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.480 min  
Delta R.T.: -0.011 min  
Response: 15963873  
Conc: 13.19 ng/ml