

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101621\  
 Data File : PL070340.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2021 14:42  
 Operator : AR\AJ  
 Sample : PB139928BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 09:16:45 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... | 4.627  | 5.564  | 10865783 | 30247732 | 21.715   | 22.869     |
| 28)                         | SA Decachlor... | 10.395 | 11.491 | 16587972 | 25784279 | 23.972   | 21.306     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.334  | 6.146  | 39133835 | 105.8E6  | 52.868   | 54.085     |
| 3)                          | MA gamma-BHC... | 5.757  | 6.542  | 37131912 | 98310397 | 53.178   | 53.659     |
| 4)                          | MA Heptachlor   | 6.166  | 7.192  | 38942466 | 99539519 | 51.121   | 53.374     |
| 5)                          | MB Aldrin       | 6.492  | 7.564  | 36346902 | 90803923 | 50.355   | 52.700     |
| 6)                          | B beta-BHC      | 6.138  | 6.797  | 17637622 | 45206689 | 52.534   | 52.575     |
| 7)                          | B delta-BHC     | 6.399  | 7.065  | 34892154 | 93347739 | 50.471   | 48.227     |
| 8)                          | B Heptachlo...  | 7.068  | 8.031  | 35545260 | 83665172 | 50.690   | 53.983     |
| 9)                          | A Endosulfan I  | 7.471  | 8.437  | 33781174 | 78347315 | 50.549   | 53.252     |
| 10)                         | B gamma-Chl...  | 7.345  | 8.301  | 36696109 | 85382404 | 50.670   | 53.382     |
| 11)                         | B alpha-Chl...  | 7.415  | 8.381  | 36353852 | 82857551 | 49.914   | 52.536     |
| 12)                         | B 4,4'-DDE      | 7.629  | 8.569  | 34646220 | 84059069 | 54.436   | 54.272     |
| 13)                         | MA Dieldrin     | 7.758  | 8.726  | 35419016 | 81272999 | 51.551   | 53.241     |
| 14)                         | MA Endrin       | 8.049  | 8.966  | 31227347 | 65482811 | 49.416   | 52.130     |
| 15)                         | B Endosulfa...  | 8.360  | 9.200  | 32370041 | 60969371 | 51.026   | 51.023     |
| 16)                         | A 4,4'-DDD      | 8.215  | 9.109  | 29618784 | 65015900 | 52.811   | 55.040     |
| 17)                         | MA 4,4'-DDT     | 8.476  | 9.427  | 29288123 | 63378815 | 47.879   | 48.498     |
| 18)                         | B Endrin al...  | 8.549  | 9.335  | 29246147 | 59393181 | 59.028   | 61.577     |
| 19)                         | B Endosulfa...  | 8.780  | 9.573  | 33514736 | 65952296 | 50.799   | 53.893     |
| 20)                         | A Methoxychlor  | 9.071  | 9.913  | 17579409 | 32025661 | 47.079   | 49.488     |
| 21)                         | B Endrin ke...  | 9.299  | 10.071 | 40416207 | 73132187 | 52.892   | 54.672     |
| 22)                         | Mirex           | 9.485  | 10.538 | 32300232 | 50255298 | 48.970   | 51.014     |
| 24)                         | Chlordane-2     | 6.668f | 7.564f | 26304    | 90803923 | 1.041    | 1685.102 # |
| 25)                         | Chlordane-3     | 7.345  | 8.301  | 36696109 | 85382404 | 536.367  | 403.157    |
| 26)                         | Chlordane-4     | 7.415  | 8.381  | 36353852 | 82857551 | 497.439  | 326.008 #  |
| 27)                         | Chlordane-5     | 8.360  | 0.000  | 32370041 | 0        | 1627.613 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

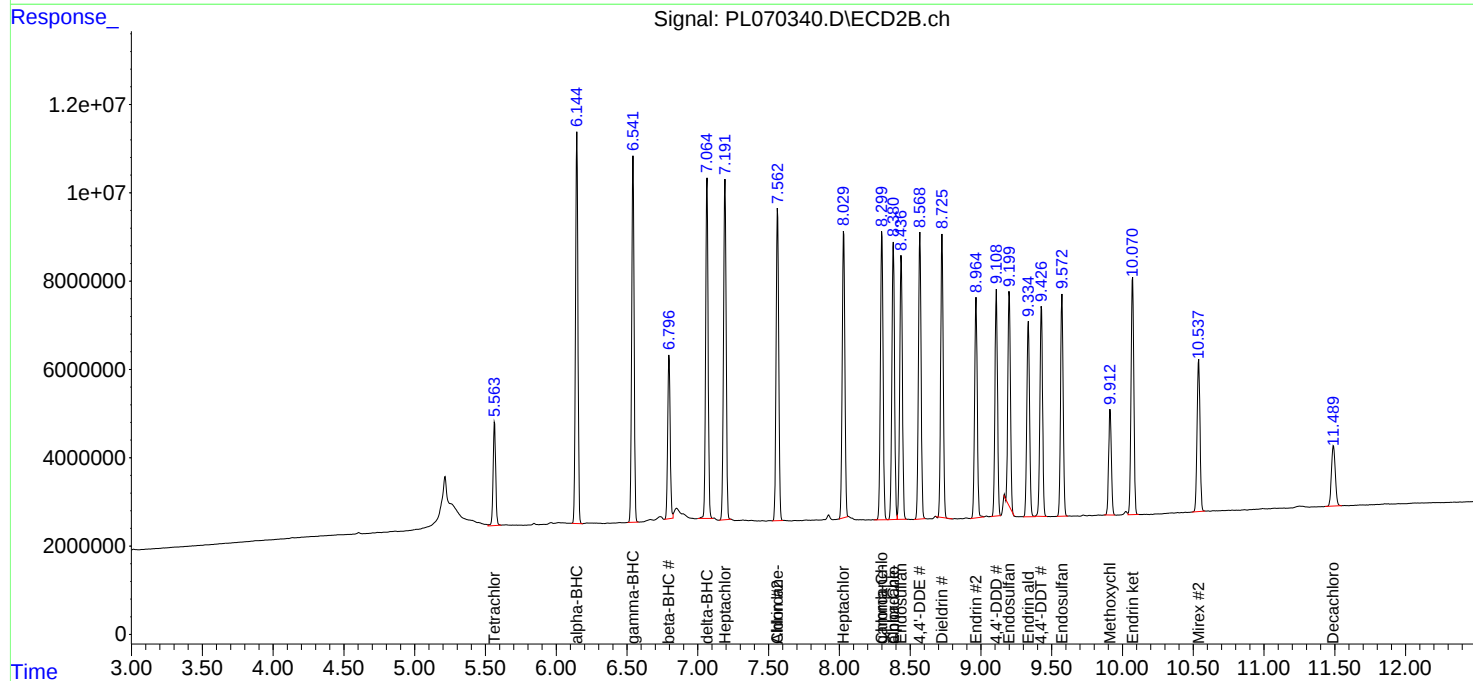
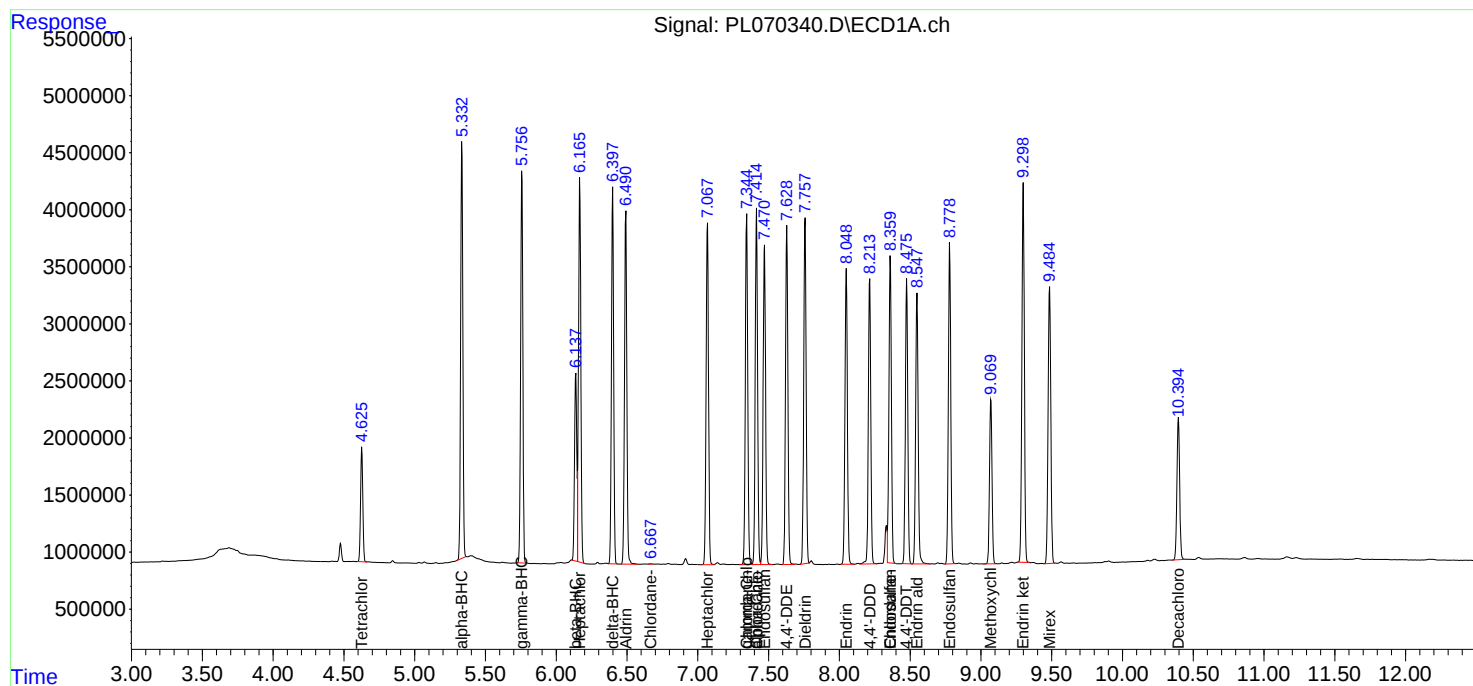
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

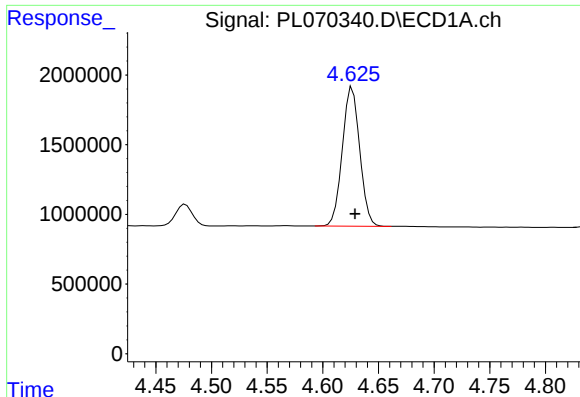
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101621\  
 Data File : PL070340.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2021 14:42  
 Operator : AR\AJ  
 Sample : PB139928BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 09:16:45 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

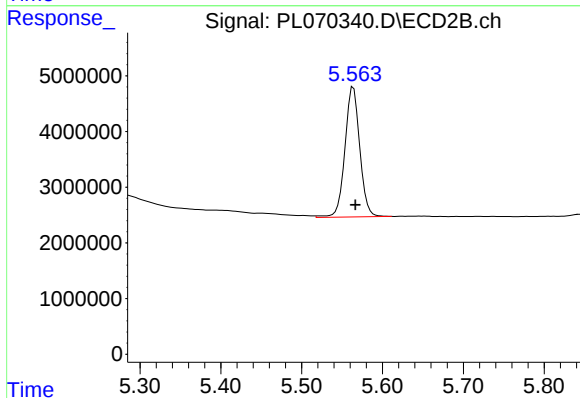




#1 Tetrachloro-m-xylene

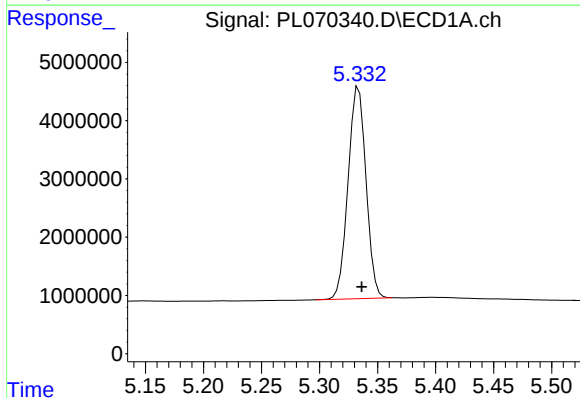
R.T.: 4.627 min  
Delta R.T.: -0.002 min  
Response: 10865783  
Conc: 21.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



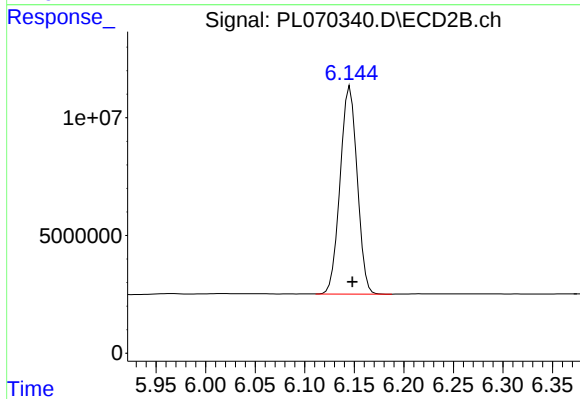
#1 Tetrachloro-m-xylene

R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 30247732  
Conc: 22.87 ng/ml



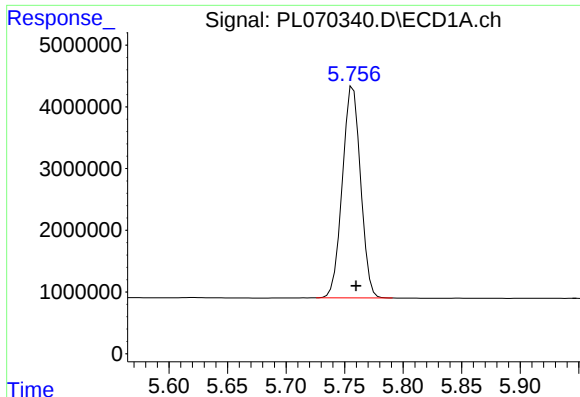
#2 alpha-BHC

R.T.: 5.334 min  
Delta R.T.: -0.003 min  
Response: 39133835  
Conc: 52.87 ng/ml



#2 alpha-BHC

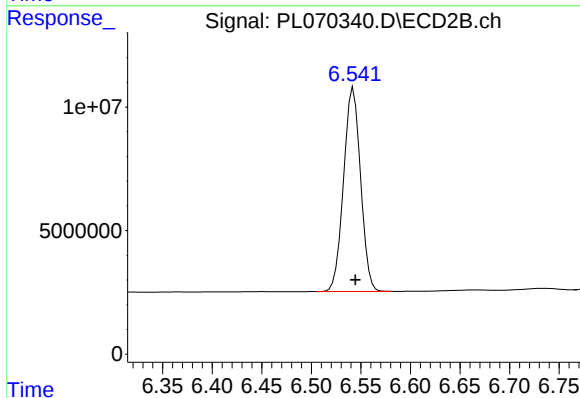
R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 105787526  
Conc: 54.09 ng/ml



#3 gamma-BHC (Lindane)

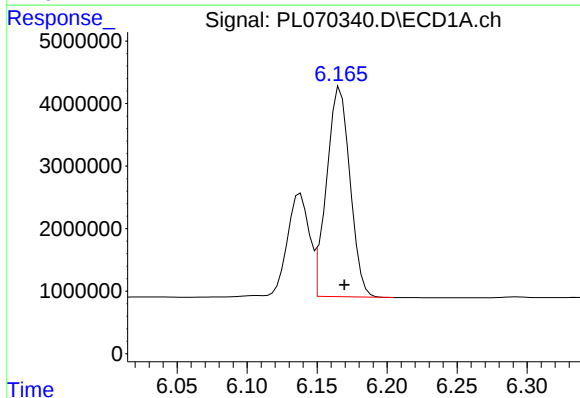
R.T.: 5.757 min  
Delta R.T.: -0.002 min  
Response: 37131912  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



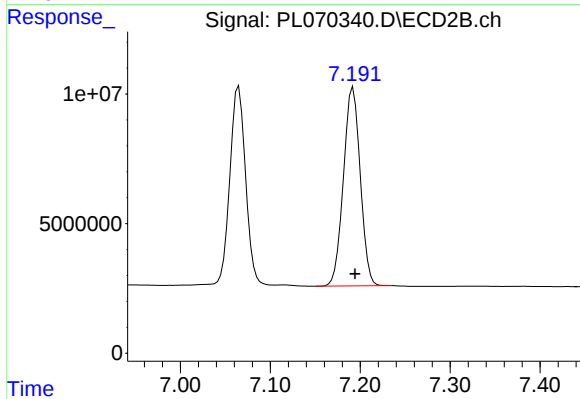
#3 gamma-BHC (Lindane)

R.T.: 6.542 min  
Delta R.T.: -0.002 min  
Response: 98310397  
Conc: 53.66 ng/ml



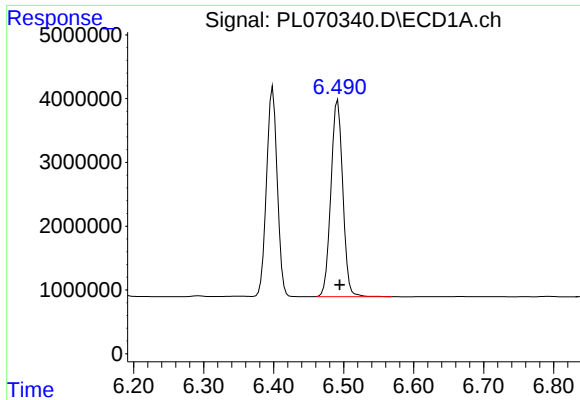
#4 Heptachlor

R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 38942466  
Conc: 51.12 ng/ml



#4 Heptachlor

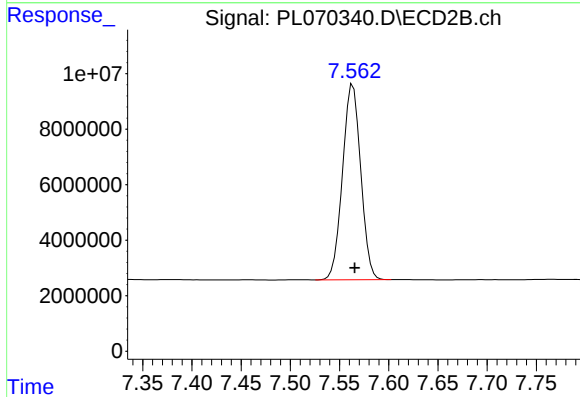
R.T.: 7.192 min  
Delta R.T.: -0.002 min  
Response: 99539519  
Conc: 53.37 ng/ml



#5 Aldrin

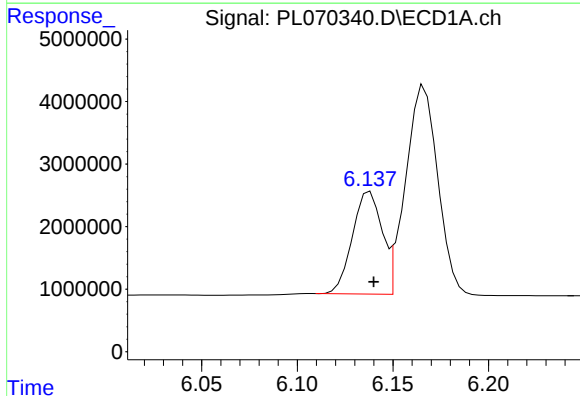
R.T.: 6.492 min  
Delta R.T.: -0.003 min  
Response: 36346902  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



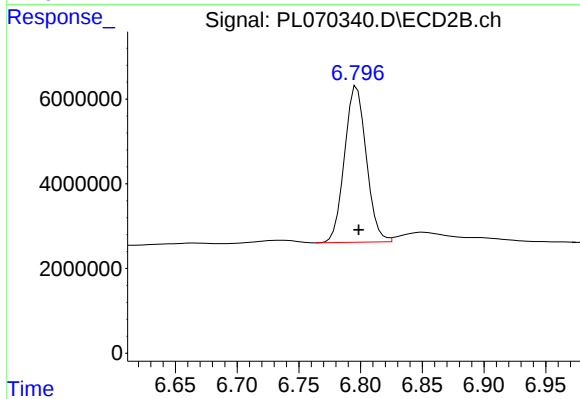
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.002 min  
Response: 90803923  
Conc: 52.70 ng/ml



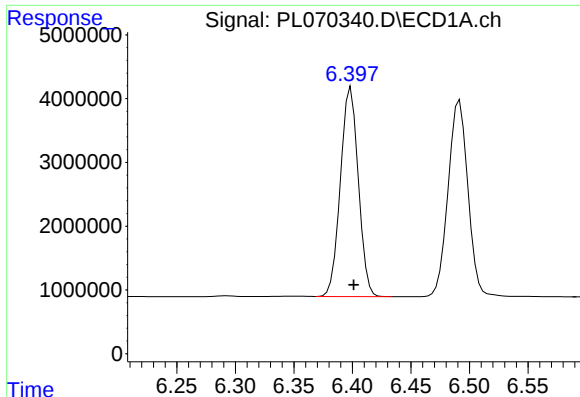
#6 beta-BHC

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 17637622  
Conc: 52.53 ng/ml



#6 beta-BHC

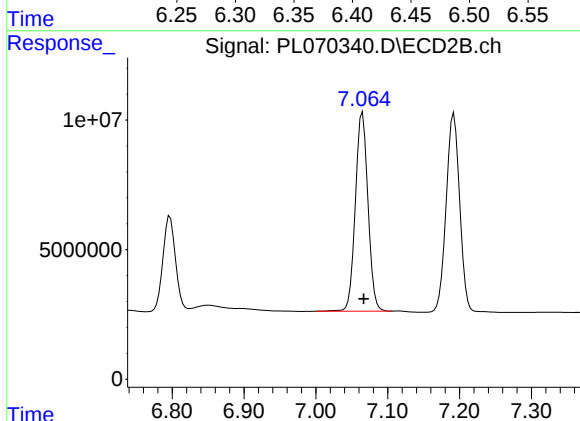
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 45206689  
Conc: 52.57 ng/ml



#7 delta-BHC

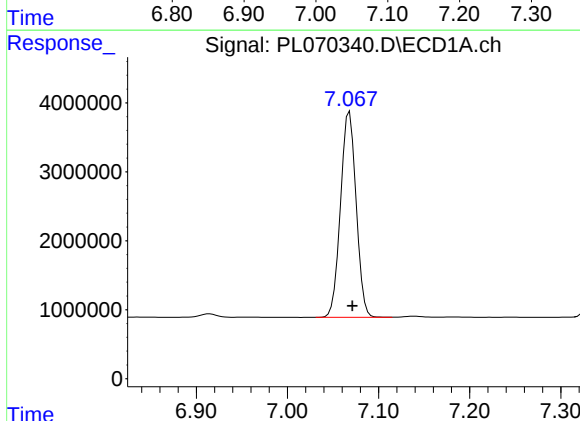
R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 34892154  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



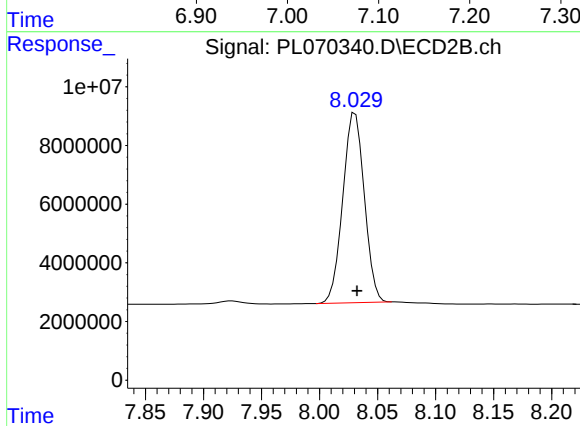
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 93347739  
Conc: 48.23 ng/ml



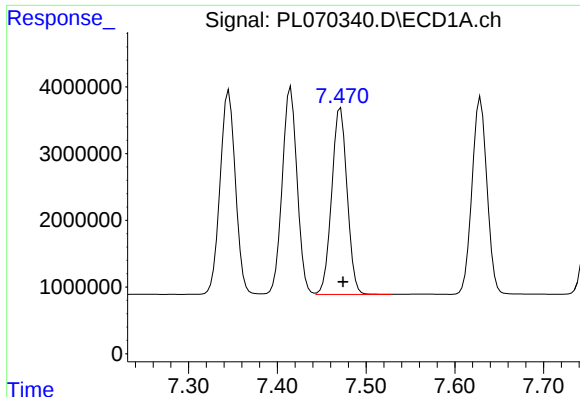
#8 Heptachlor epoxide

R.T.: 7.068 min  
Delta R.T.: -0.003 min  
Response: 35545260  
Conc: 50.69 ng/ml



#8 Heptachlor epoxide

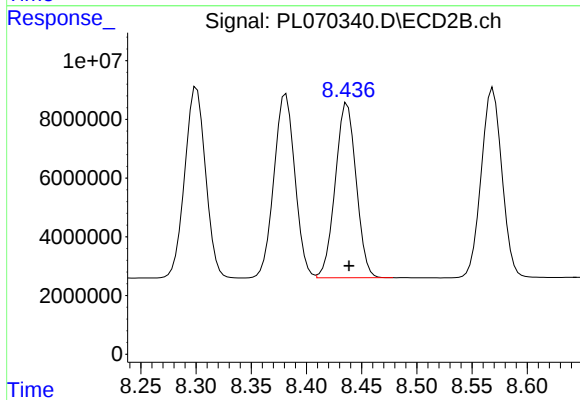
R.T.: 8.031 min  
Delta R.T.: -0.002 min  
Response: 83665172  
Conc: 53.98 ng/ml



#9 Endosulfan I

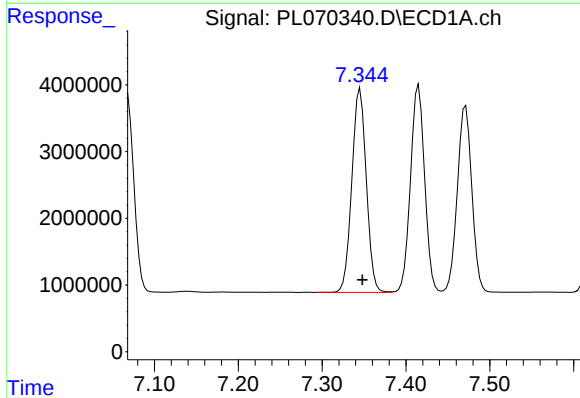
R.T.: 7.471 min  
Delta R.T.: -0.003 min  
Response: 33781174  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



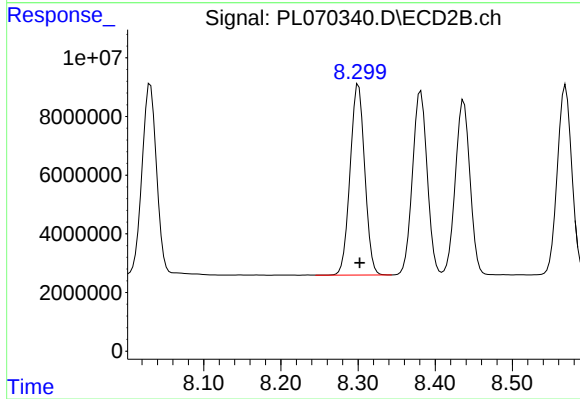
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 78347315  
Conc: 53.25 ng/ml



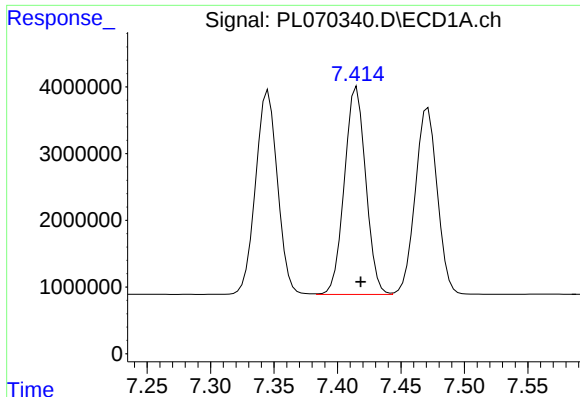
#10 gamma-Chlordane

R.T.: 7.345 min  
Delta R.T.: -0.003 min  
Response: 36696109  
Conc: 50.67 ng/ml



#10 gamma-Chlordane

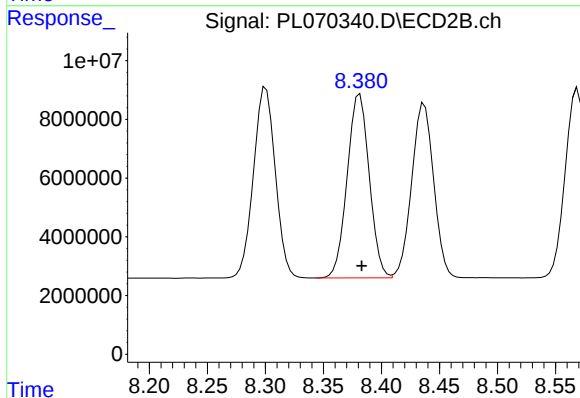
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 85382404  
Conc: 53.38 ng/ml



#11 alpha-Chlordane

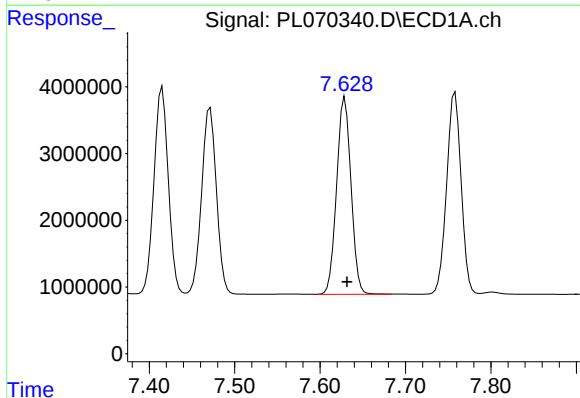
R.T.: 7.415 min  
Delta R.T.: -0.003 min  
Response: 36353852  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



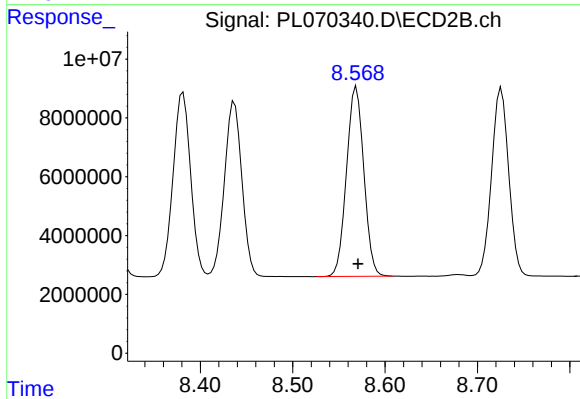
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 82857551  
Conc: 52.54 ng/ml



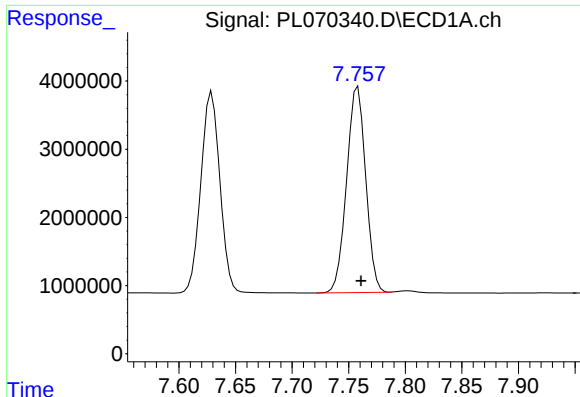
#12 4,4'-DDE

R.T.: 7.629 min  
Delta R.T.: -0.002 min  
Response: 34646220  
Conc: 54.44 ng/ml



#12 4,4'-DDE

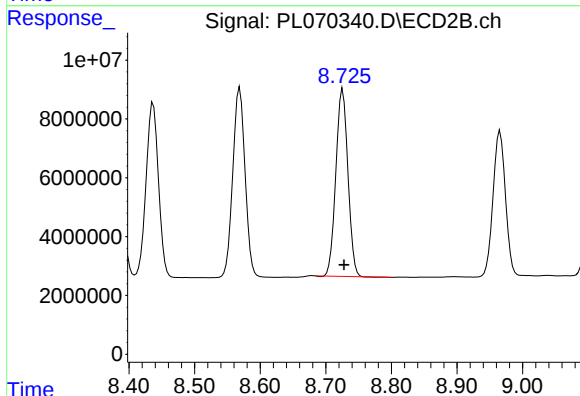
R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 84059069  
Conc: 54.27 ng/ml



#13 Dieldrin

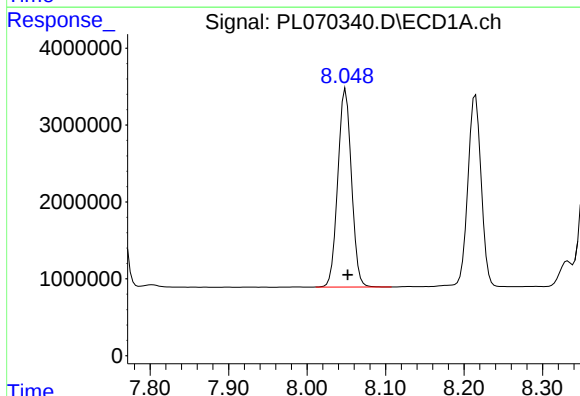
R.T.: 7.758 min  
Delta R.T.: -0.003 min  
Response: 35419016  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



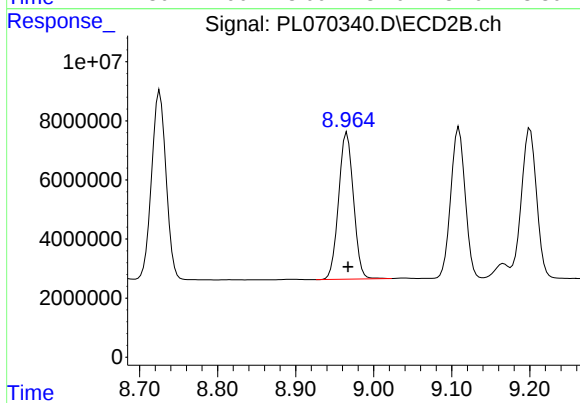
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.002 min  
Response: 81272999  
Conc: 53.24 ng/ml



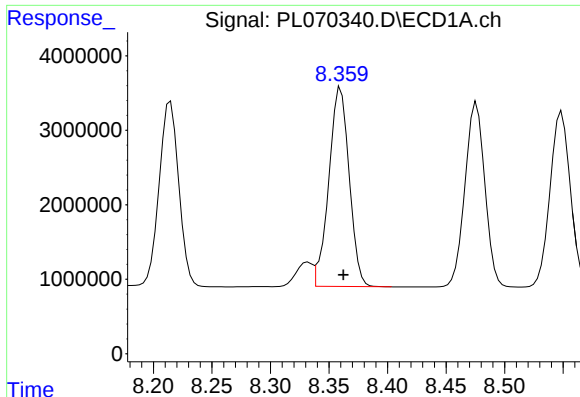
#14 Endrin

R.T.: 8.049 min  
Delta R.T.: -0.003 min  
Response: 31227347  
Conc: 49.42 ng/ml



#14 Endrin

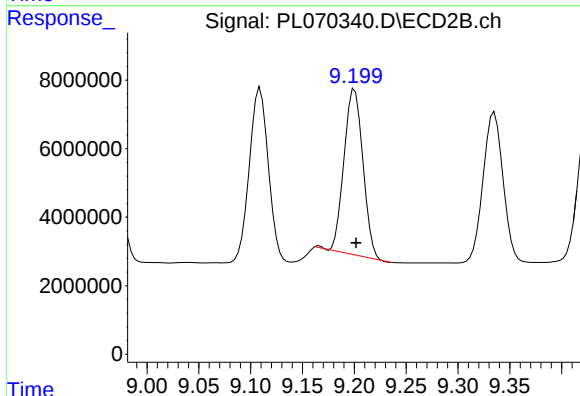
R.T.: 8.966 min  
Delta R.T.: -0.001 min  
Response: 65482811  
Conc: 52.13 ng/ml



#15 Endosulfan II

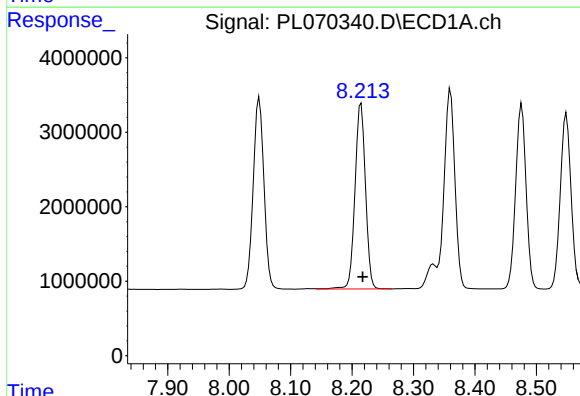
R.T.: 8.360 min  
Delta R.T.: -0.002 min  
Response: 32370041  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



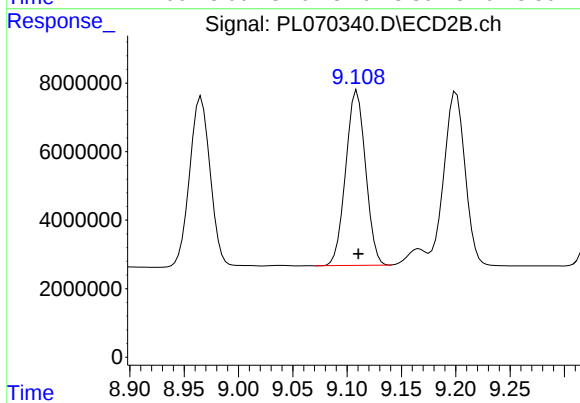
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: -0.001 min  
Response: 60969371  
Conc: 51.02 ng/ml



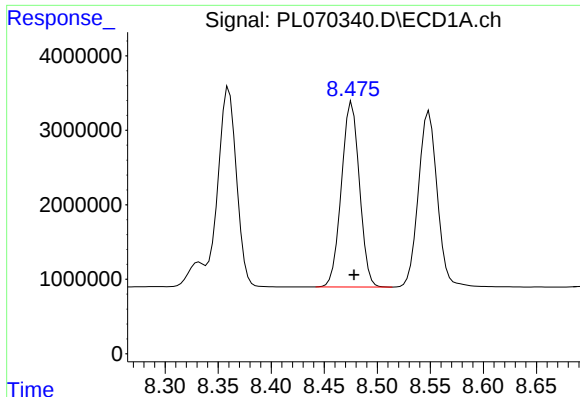
#16 4,4'-DDD

R.T.: 8.215 min  
Delta R.T.: -0.003 min  
Response: 29618784  
Conc: 52.81 ng/ml



#16 4,4'-DDD

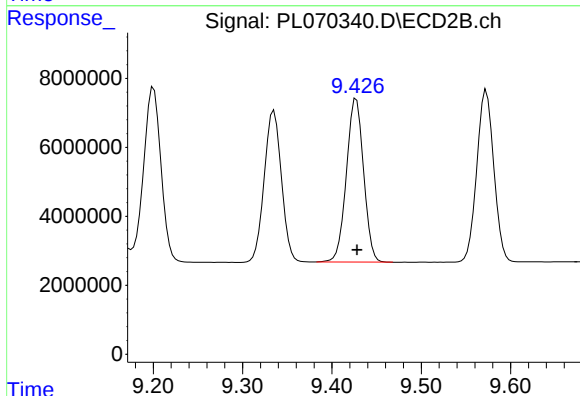
R.T.: 9.109 min  
Delta R.T.: -0.001 min  
Response: 65015900  
Conc: 55.04 ng/ml



#17 4,4'-DDT

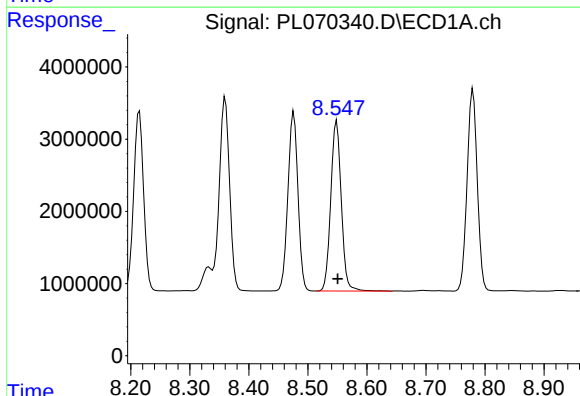
R.T.: 8.476 min  
Delta R.T.: -0.002 min  
Response: 29288123  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



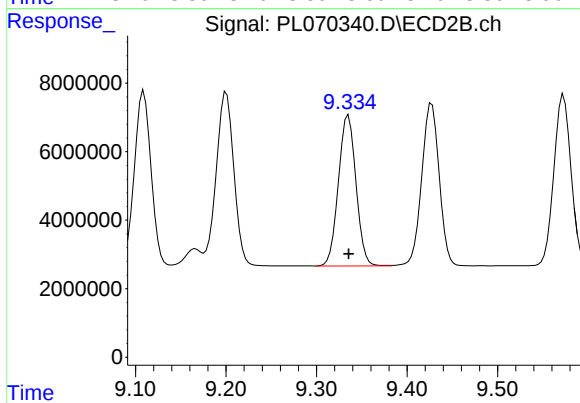
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.000 min  
Response: 63378815  
Conc: 48.50 ng/ml



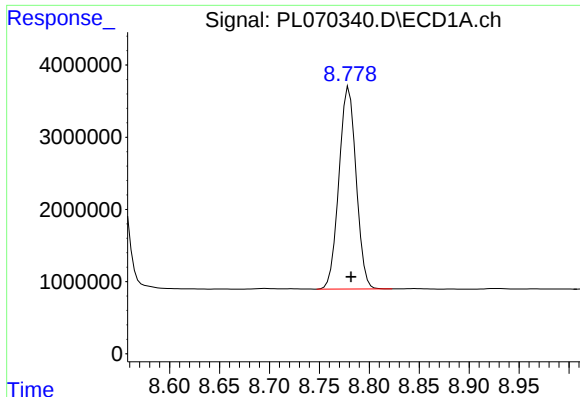
#18 Endrin aldehyde

R.T.: 8.549 min  
Delta R.T.: -0.002 min  
Response: 29246147  
Conc: 59.03 ng/ml



#18 Endrin aldehyde

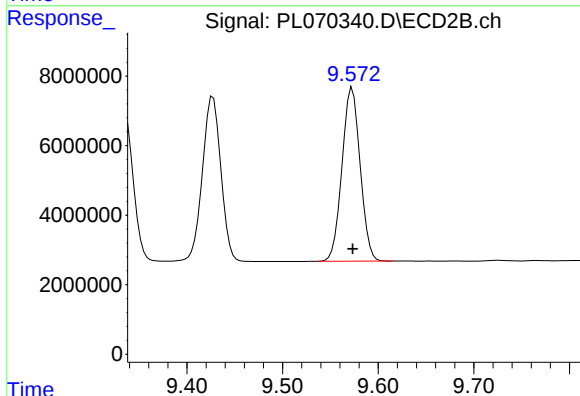
R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 59393181  
Conc: 61.58 ng/ml



#19 Endosulfan Sulfate

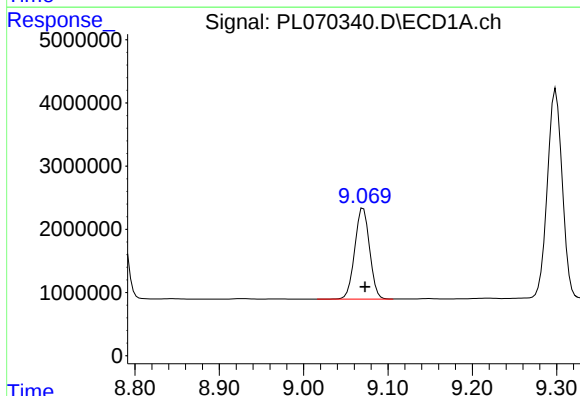
R.T.: 8.780 min  
Delta R.T.: -0.002 min  
Response: 33514736  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



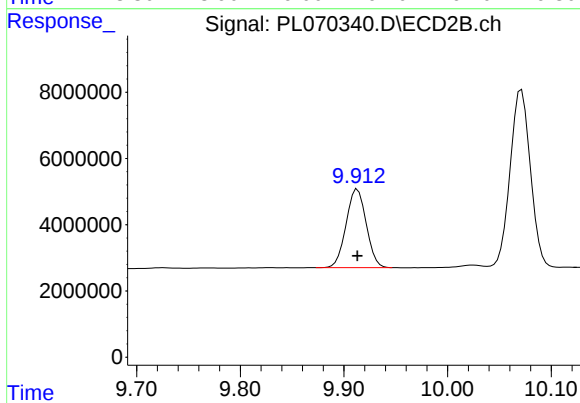
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 65952296  
Conc: 53.89 ng/ml



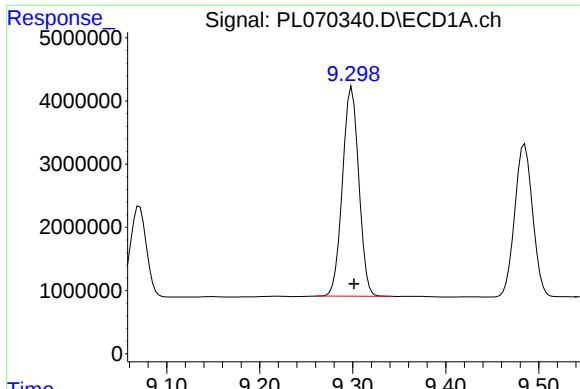
#20 Methoxychlor

R.T.: 9.071 min  
Delta R.T.: -0.002 min  
Response: 17579409  
Conc: 47.08 ng/ml



#20 Methoxychlor

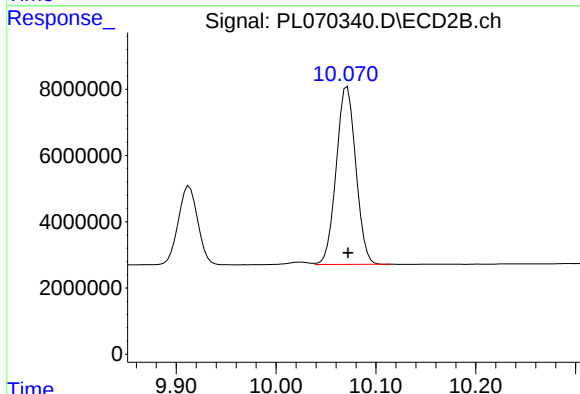
R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 32025661  
Conc: 49.49 ng/ml



#21 Endrin ketone

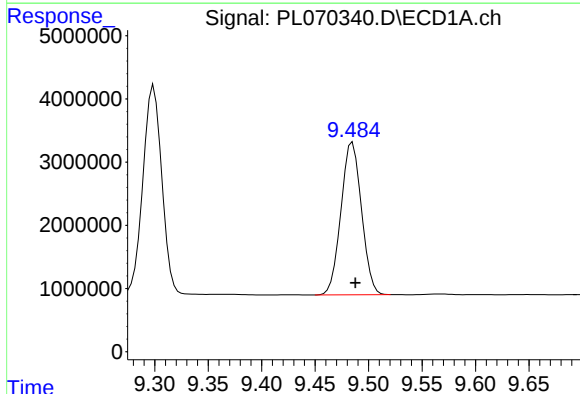
R.T.: 9.299 min  
Delta R.T.: -0.002 min  
Response: 40416207  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



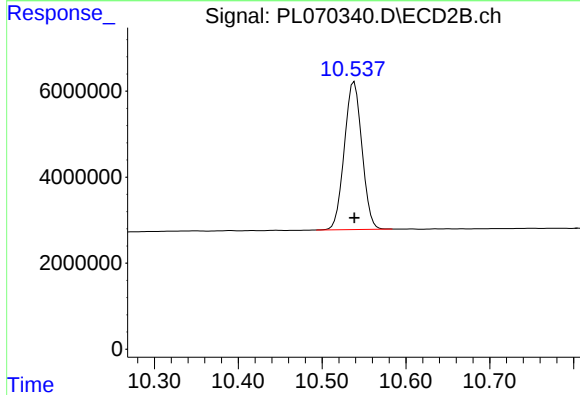
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 73132187  
Conc: 54.67 ng/ml



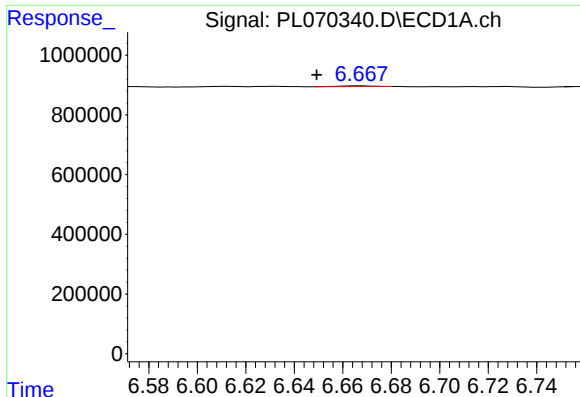
#22 Mirex

R.T.: 9.485 min  
Delta R.T.: -0.003 min  
Response: 32300232  
Conc: 48.97 ng/ml



#22 Mirex

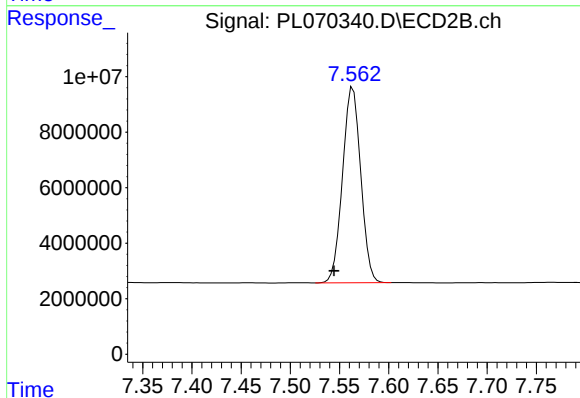
R.T.: 10.538 min  
Delta R.T.: 0.000 min  
Response: 50255298  
Conc: 51.01 ng/ml



#24 Chlordane-2

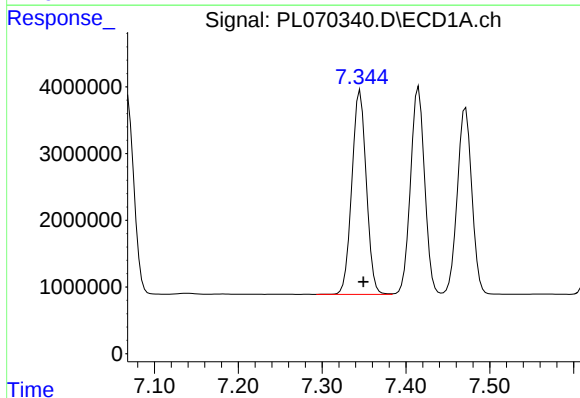
R.T.: 6.668 min  
Delta R.T.: 0.019 min  
Response: 26304  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



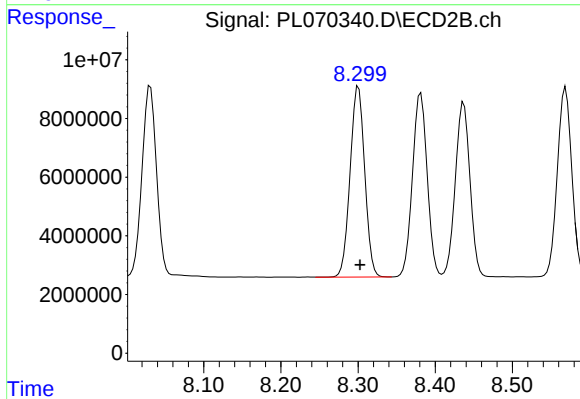
#24 Chlordane-2

R.T.: 7.564 min  
Delta R.T.: 0.019 min  
Response: 90803923  
Conc: 1685.10 ng/ml



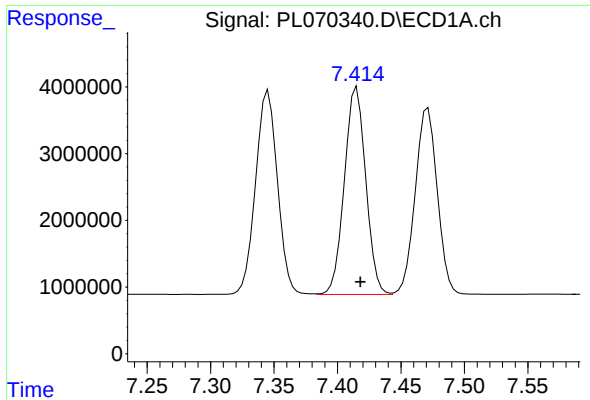
#25 Chlordane-3

R.T.: 7.345 min  
Delta R.T.: -0.004 min  
Response: 36696109  
Conc: 536.37 ng/ml



#25 Chlordane-3

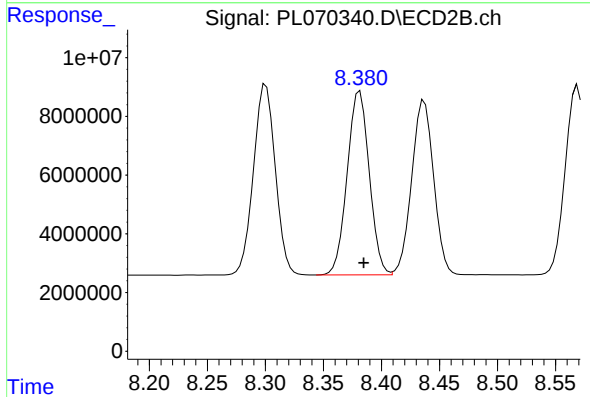
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 85382404  
Conc: 403.16 ng/ml



#26 Chlordane-4

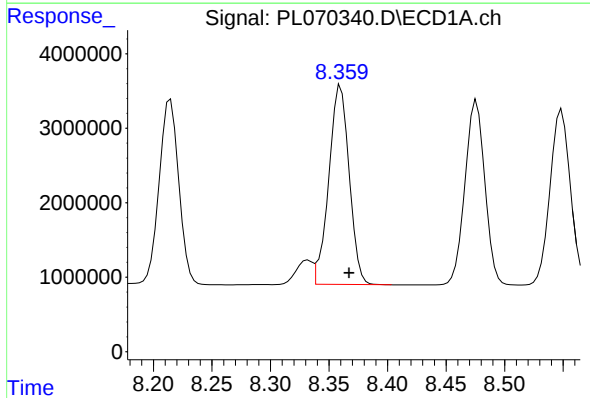
R.T.: 7.415 min  
Delta R.T.: -0.003 min  
Response: 36353852  
Conc: 497.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



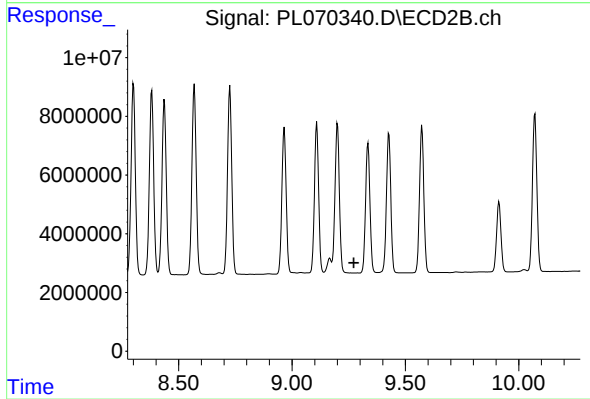
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.003 min  
Response: 82857551  
Conc: 326.01 ng/ml



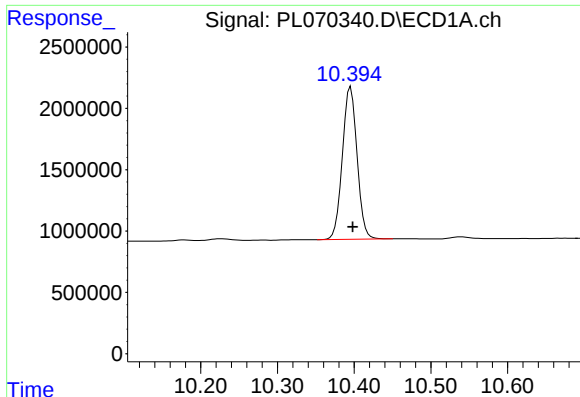
#27 Chlordane-5

R.T.: 8.360 min  
Delta R.T.: -0.007 min  
Response: 32370041  
Conc: 1627.61 ng/ml



#27 Chlordane-5

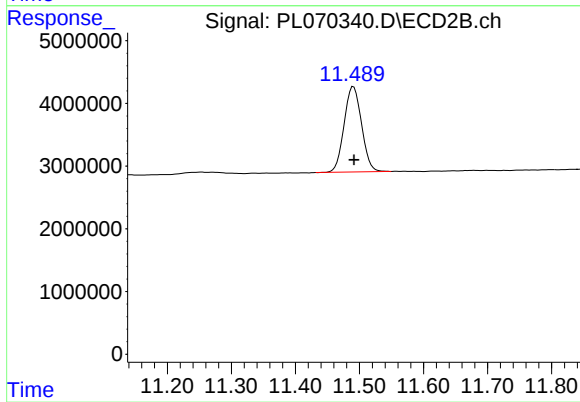
R.T.: 0.000 min  
Exp R.T.: 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.395 min  
Delta R.T.: -0.003 min  
Response: 16587972  
Conc: 23.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: -0.001 min  
Response: 25784279  
Conc: 21.31 ng/ml