

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
 Data File : PL070826.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2021 14:25  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 00:45:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 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... | 4.576  | 5.505  | 24960170 | 65475902 | 50.960   | 51.930     |
| 28)                         | SA Decachlor... | 10.339 | 11.402 | 34102215 | 71164029 | 49.908   | 53.212     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.282  | 6.085  | 35270790 | 98899935 | 52.690   | 53.726     |
| 3)                          | MA gamma-BHC... | 5.705  | 6.481  | 34818680 | 93241012 | 51.907   | 53.771     |
| 4)                          | MA Heptachlor   | 6.112  | 7.129  | 36746462 | 92436140 | 51.214   | 56.909     |
| 5)                          | MB Aldrin       | 6.436  | 7.499  | 33562701 | 88698776 | 52.486   | 54.623     |
| 6)                          | B beta-BHC      | 6.087  | 6.738  | 16815436 | 45836540 | 51.766   | 53.496     |
| 7)                          | B delta-BHC     | 6.346  | 7.004  | 34955954 | 91078367 | 52.818   | 54.464     |
| 8)                          | B Heptachlo...  | 7.013  | 7.966  | 33467152 | 84481193 | 51.476   | 55.428     |
| 9)                          | A Endosulfan I  | 7.415  | 8.371  | 32173620 | 78470892 | 52.523   | 54.546     |
| 10)                         | B gamma-Chl...  | 7.290  | 8.236  | 34440217 | 83936339 | 51.882   | 54.210     |
| 11)                         | B alpha-Chl...  | 7.360  | 8.317  | 34602530 | 82356509 | 51.927   | 54.147     |
| 12)                         | B 4,4'-DDE      | 7.575  | 8.506  | 30766852 | 80353361 | 52.807   | 54.458     |
| 13)                         | MA Dieldrin     | 7.702  | 8.661  | 32717562 | 81709478 | 52.414   | 56.076     |
| 14)                         | MA Endrin       | 7.993  | 8.899  | 29534654 | 66305400 | 52.092   | 57.244     |
| 15)                         | B Endosulfa...  | 8.304  | 9.135  | 29902075 | 69789301 | 49.397   | 57.141     |
| 16)                         | A 4,4'-DDD      | 8.160  | 9.046  | 27534513 | 66094276 | 54.192   | 54.921     |
| 17)                         | MA 4,4'-DDT     | 8.421  | 9.363  | 28621805 | 69803217 | 52.042   | 55.330     |
| 18)                         | B Endrin al...  | 8.492  | 9.269  | 23994941 | 54885031 | 52.816   | 56.755     |
| 19)                         | B Endosulfa...  | 8.723  | 9.507  | 32205325 | 68701691 | 52.206   | 55.431     |
| 20)                         | A Methoxychlor  | 9.016  | 9.850  | 17762190 | 35394739 | 48.552   | 52.297     |
| 21)                         | B Endrin ke...  | 9.241  | 10.004 | 39159813 | 80240534 | 54.765   | 55.898     |
| 22)                         | Mirex           | 9.425  | 10.468 | 31768679 | 56669141 | 51.729   | 54.406     |
| 24)                         | Chlordane-2     | 0.000  | 7.499f | 0        | 88698776 | N.D.     | 1690.953 # |
| 25)                         | Chlordane-3     | 7.290  | 8.236  | 34440217 | 83936339 | 564.104  | 415.263 #  |
| 26)                         | Chlordane-4     | 7.360  | 8.317  | 34602530 | 82356509 | 527.073  | 339.375 #  |
| 27)                         | Chlordane-5     | 8.304  | 0.000  | 29902075 | 0        | 1337.429 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

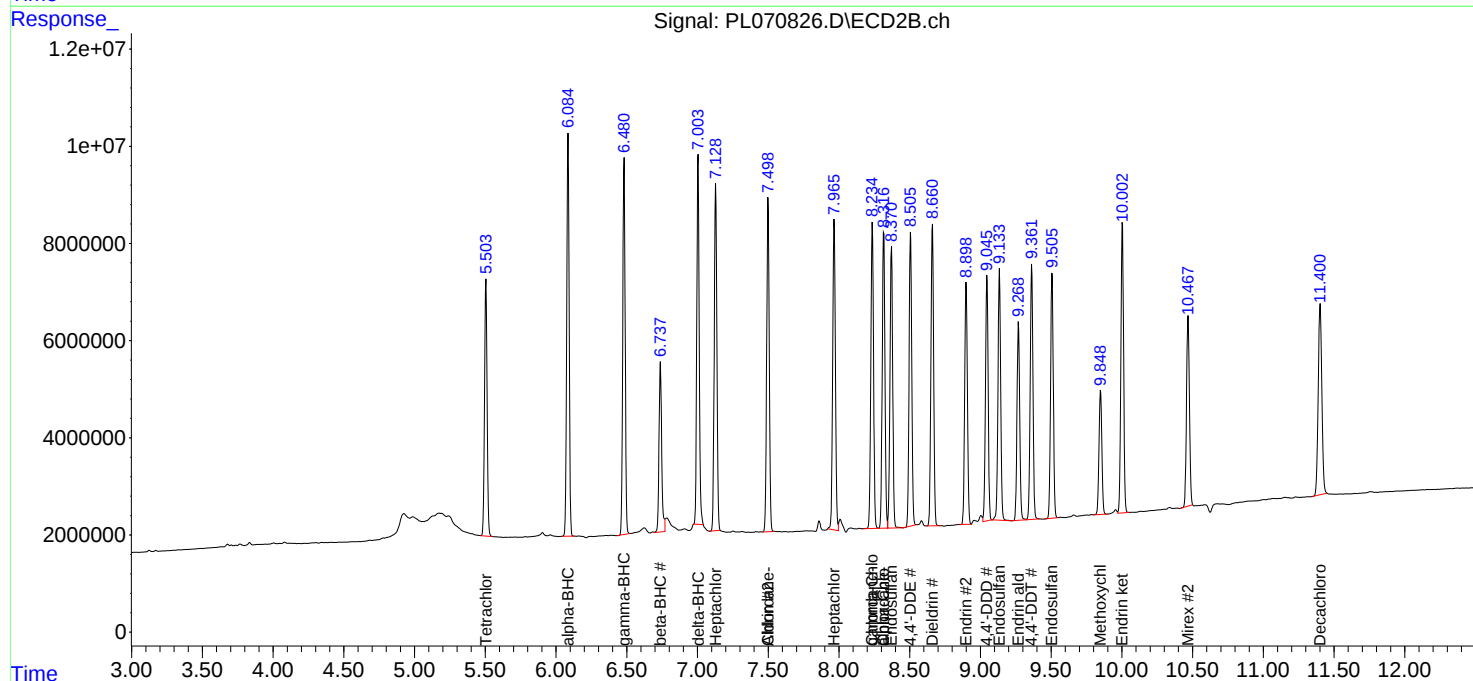
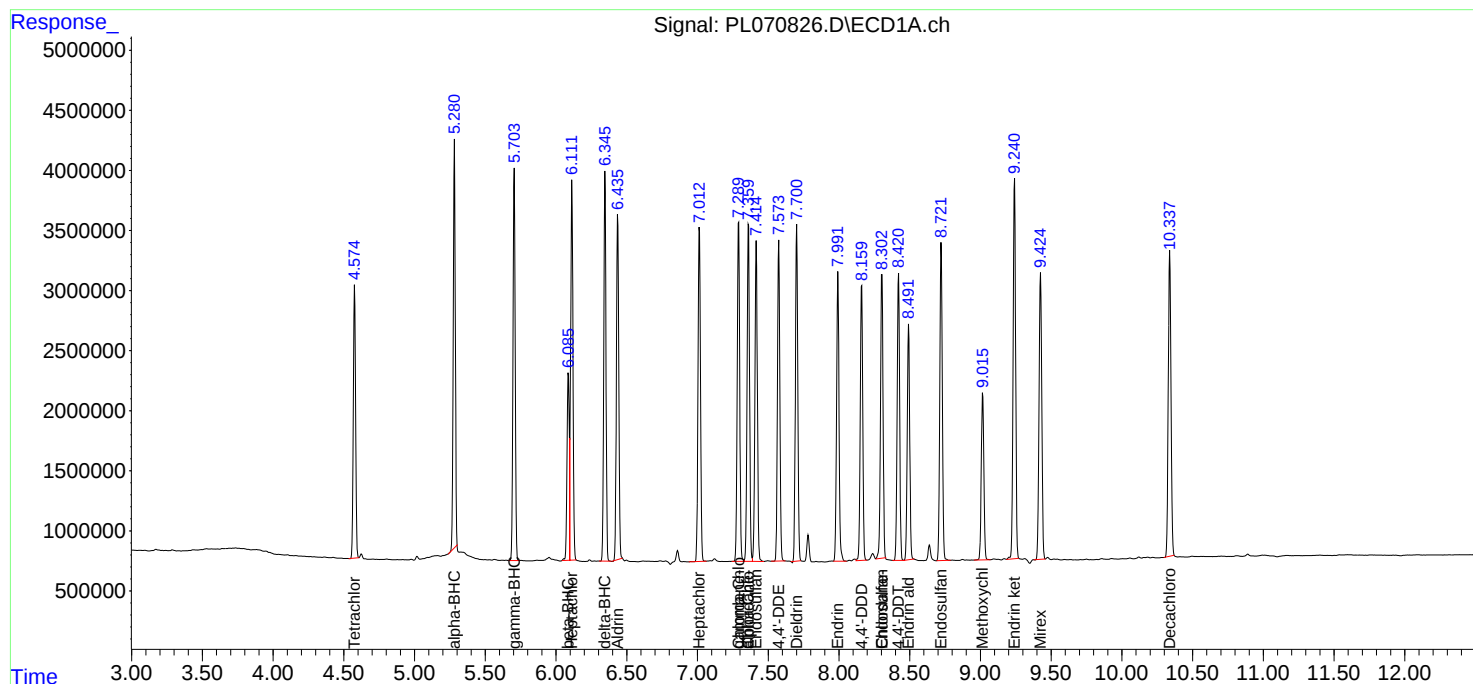
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

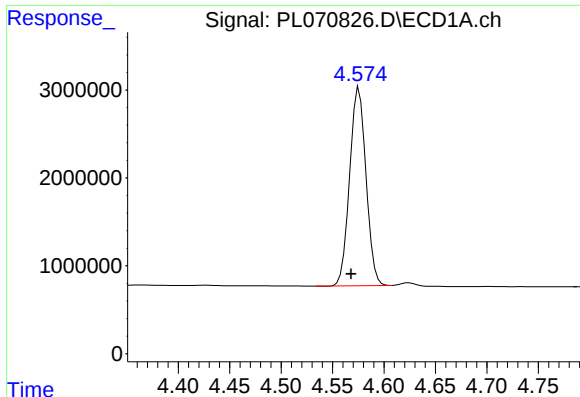
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110821\  
Data File : PL070826.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2021 14:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 00:45:42 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 04 19:28:07 2021  
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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

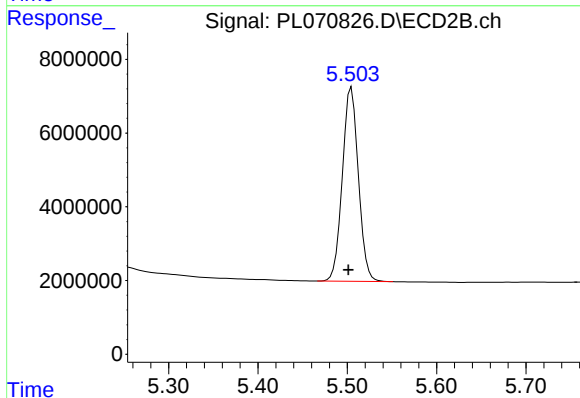




#1 Tetrachloro-m-xylene

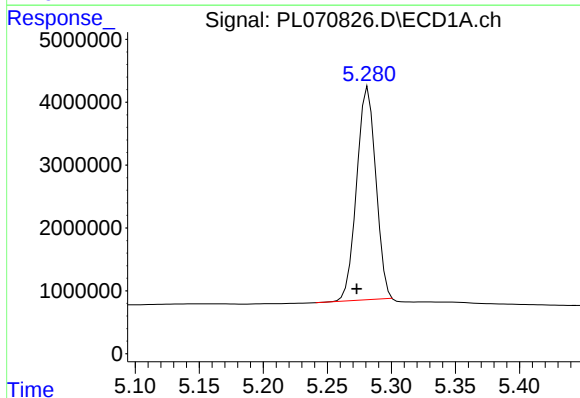
R.T.: 4.576 min  
Delta R.T.: 0.008 min  
Response: 24960170  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



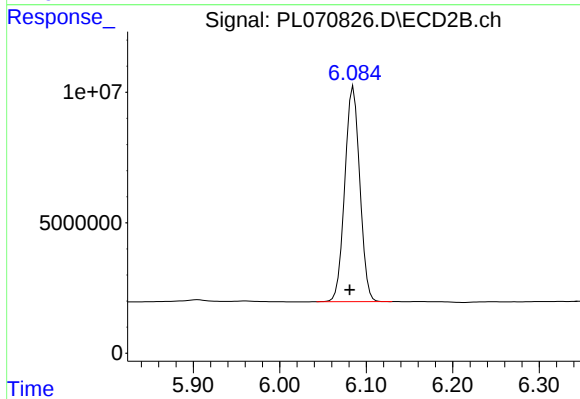
#1 Tetrachloro-m-xylene

R.T.: 5.505 min  
Delta R.T.: 0.003 min  
Response: 65475902  
Conc: 51.93 ng/ml



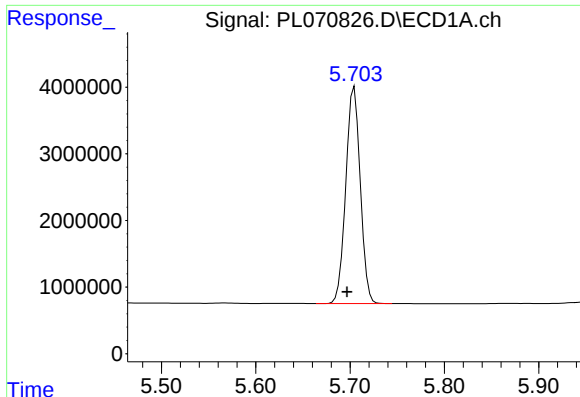
#2 alpha-BHC

R.T.: 5.282 min  
Delta R.T.: 0.009 min  
Response: 35270790  
Conc: 52.69 ng/ml



#2 alpha-BHC

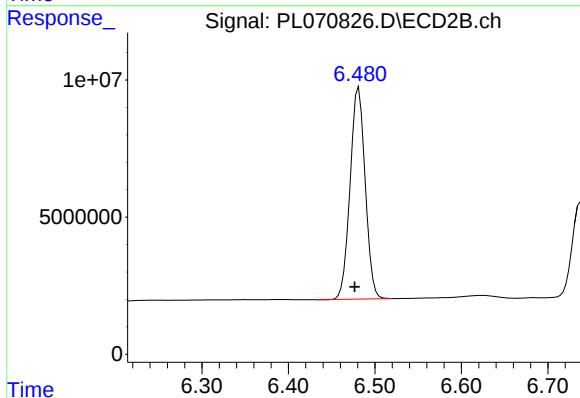
R.T.: 6.085 min  
Delta R.T.: 0.004 min  
Response: 98899935  
Conc: 53.73 ng/ml



#3 gamma-BHC (Lindane)

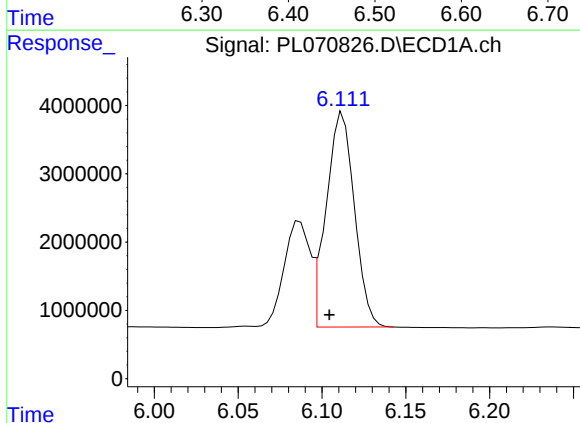
R.T.: 5.705 min  
Delta R.T.: 0.008 min  
Response: 34818680  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



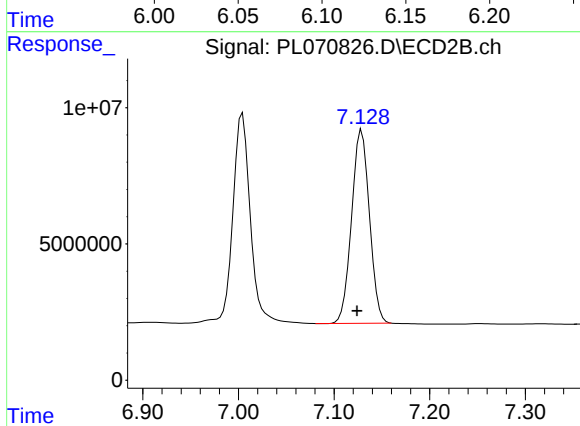
#3 gamma-BHC (Lindane)

R.T.: 6.481 min  
Delta R.T.: 0.005 min  
Response: 93241012  
Conc: 53.77 ng/ml



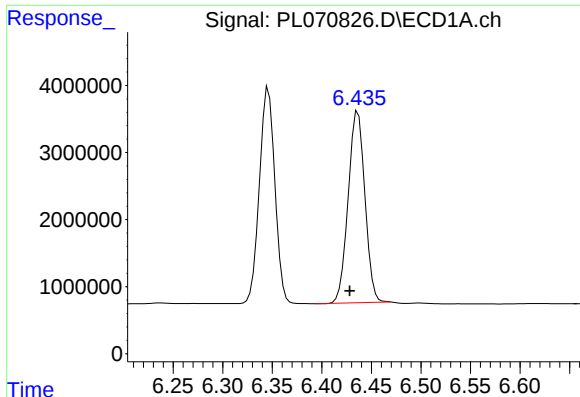
#4 Heptachlor

R.T.: 6.112 min  
Delta R.T.: 0.008 min  
Response: 36746462  
Conc: 51.21 ng/ml



#4 Heptachlor

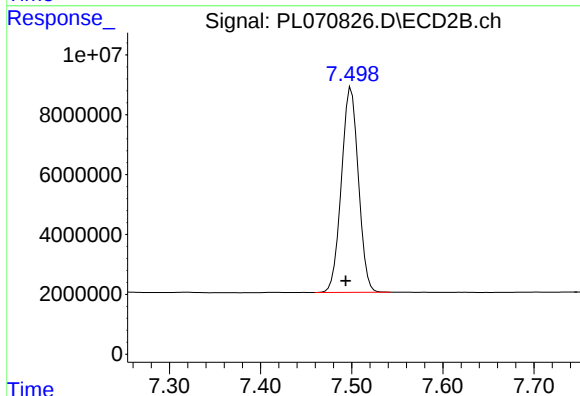
R.T.: 7.129 min  
Delta R.T.: 0.005 min  
Response: 92436140  
Conc: 56.91 ng/ml



#5 Aldrin

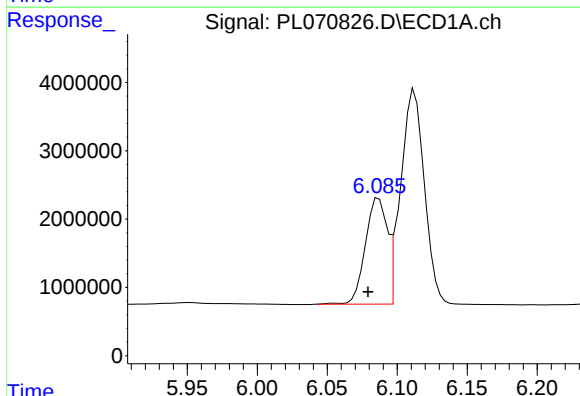
R.T.: 6.436 min  
Delta R.T.: 0.008 min  
Response: 33562701  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



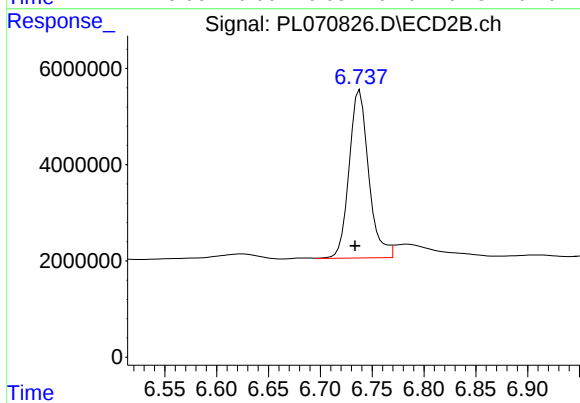
#5 Aldrin

R.T.: 7.499 min  
Delta R.T.: 0.006 min  
Response: 88698776  
Conc: 54.62 ng/ml



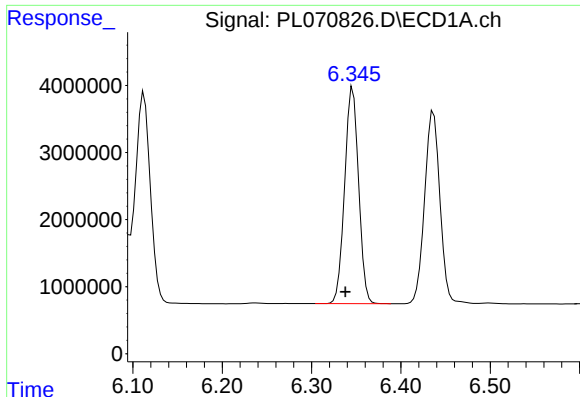
#6 beta-BHC

R.T.: 6.087 min  
Delta R.T.: 0.008 min  
Response: 16815436  
Conc: 51.77 ng/ml



#6 beta-BHC

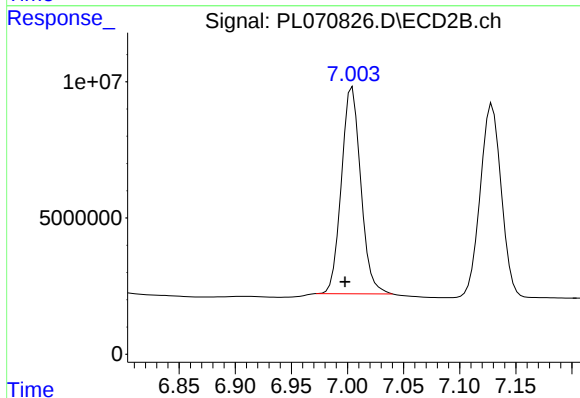
R.T.: 6.738 min  
Delta R.T.: 0.005 min  
Response: 45836540  
Conc: 53.50 ng/ml



#7 delta-BHC

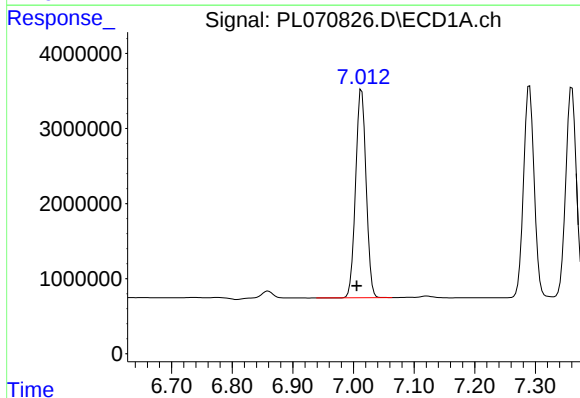
R.T.: 6.346 min  
Delta R.T.: 0.008 min  
Response: 34955954  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



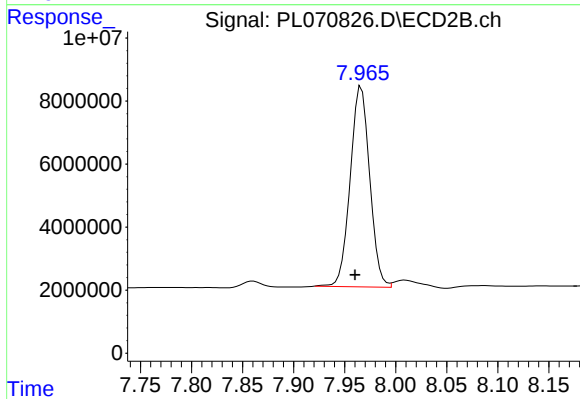
#7 delta-BHC

R.T.: 7.004 min  
Delta R.T.: 0.007 min  
Response: 91078367  
Conc: 54.46 ng/ml



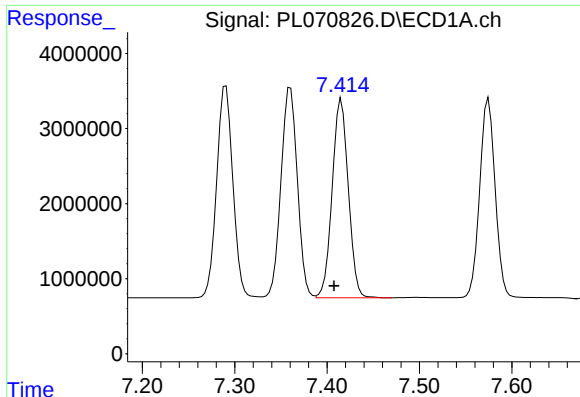
#8 Heptachlor epoxide

R.T.: 7.013 min  
Delta R.T.: 0.008 min  
Response: 33467152  
Conc: 51.48 ng/ml



#8 Heptachlor epoxide

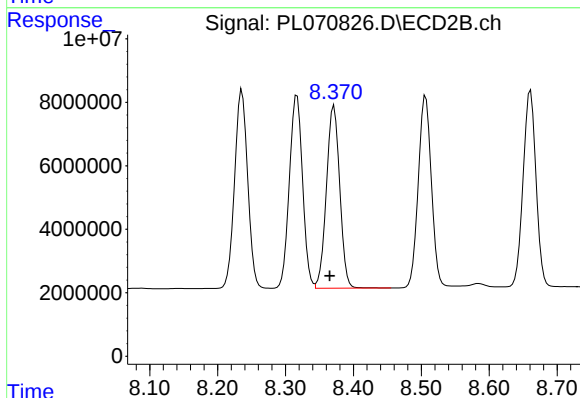
R.T.: 7.966 min  
Delta R.T.: 0.006 min  
Response: 84481193  
Conc: 55.43 ng/ml



#9 Endosulfan I

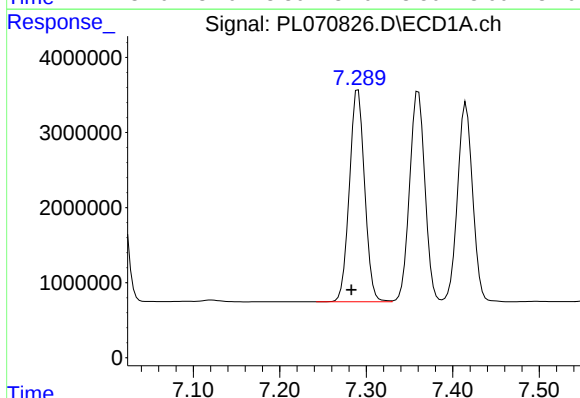
R.T.: 7.415 min  
Delta R.T.: 0.008 min  
Response: 32173620  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



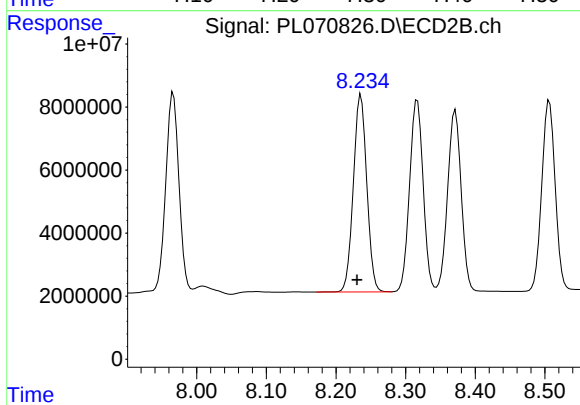
#9 Endosulfan I

R.T.: 8.371 min  
Delta R.T.: 0.006 min  
Response: 78470892  
Conc: 54.55 ng/ml



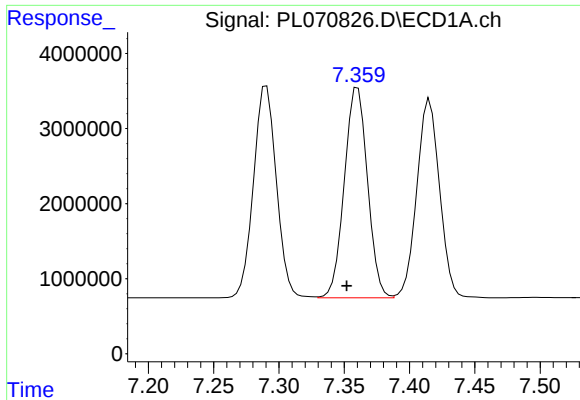
#10 gamma-Chlordane

R.T.: 7.290 min  
Delta R.T.: 0.008 min  
Response: 34440217  
Conc: 51.88 ng/ml



#10 gamma-Chlordane

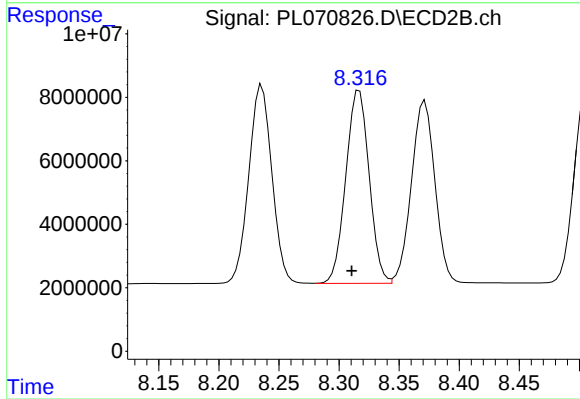
R.T.: 8.236 min  
Delta R.T.: 0.006 min  
Response: 83936339  
Conc: 54.21 ng/ml



#11 alpha-Chlordane

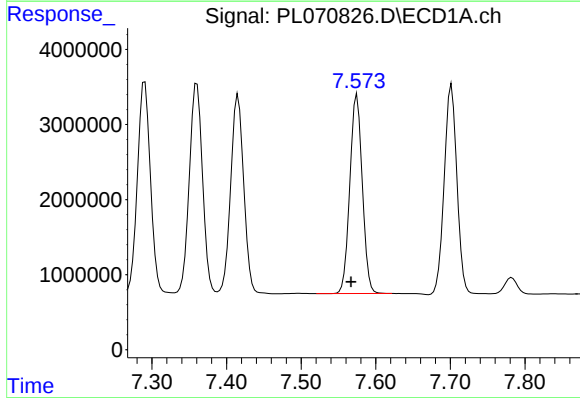
R.T.: 7.360 min  
Delta R.T.: 0.008 min  
Response: 34602530  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



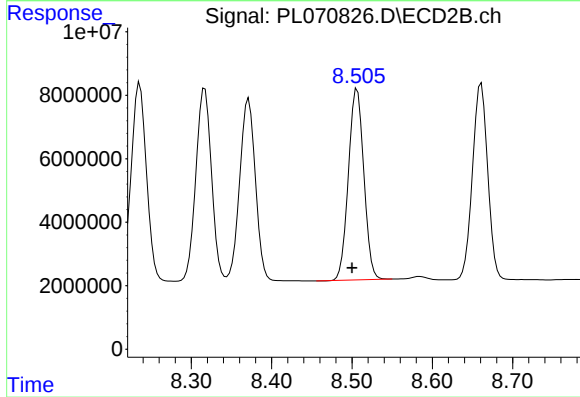
#11 alpha-Chlordane

R.T.: 8.317 min  
Delta R.T.: 0.006 min  
Response: 82356509  
Conc: 54.15 ng/ml



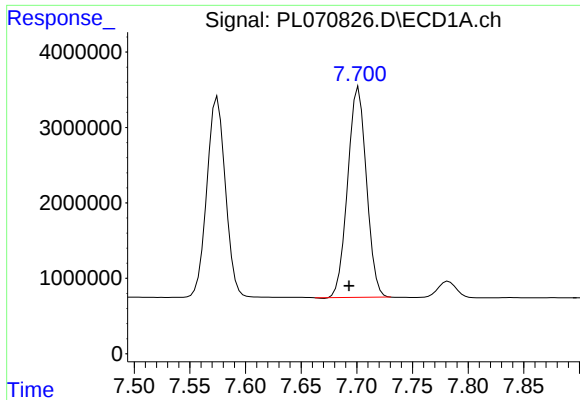
#12 4,4'-DDE

R.T.: 7.575 min  
Delta R.T.: 0.008 min  
Response: 30766852  
Conc: 52.81 ng/ml



#12 4,4'-DDE

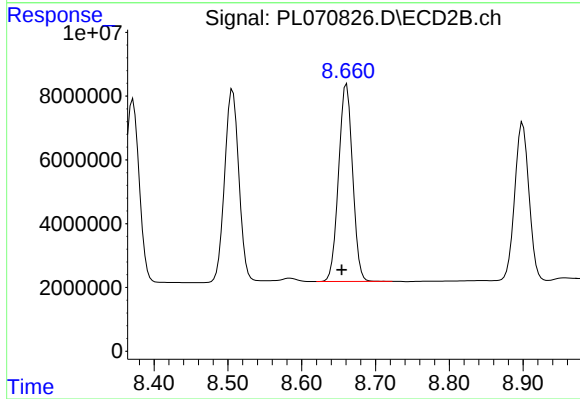
R.T.: 8.506 min  
Delta R.T.: 0.006 min  
Response: 80353361  
Conc: 54.46 ng/ml



#13 Dieldrin

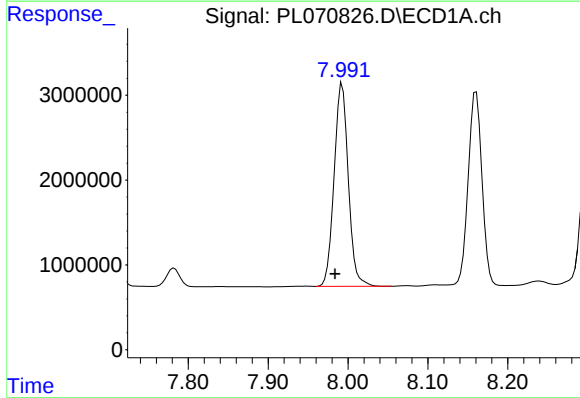
R.T.: 7.702 min  
Delta R.T.: 0.009 min  
Response: 32717562  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



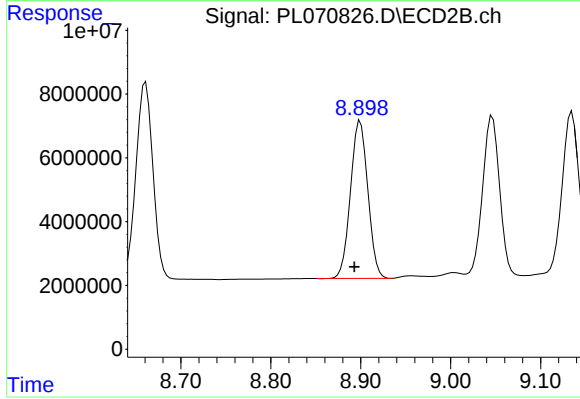
#13 Dieldrin

R.T.: 8.661 min  
Delta R.T.: 0.007 min  
Response: 81709478  
Conc: 56.08 ng/ml



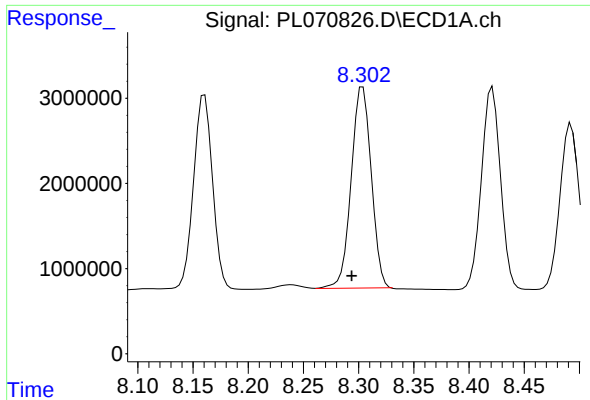
#14 Endrin

R.T.: 7.993 min  
Delta R.T.: 0.009 min  
Response: 29534654  
Conc: 52.09 ng/ml



#14 Endrin

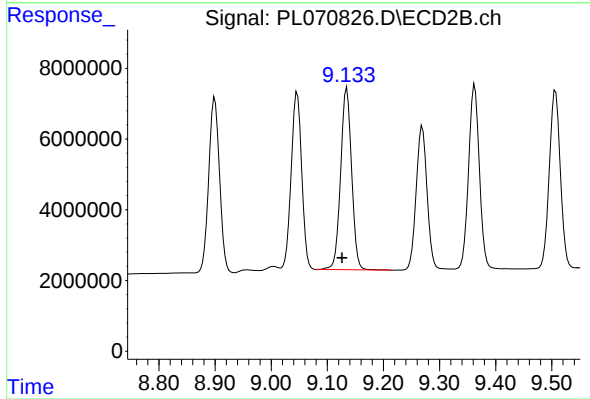
R.T.: 8.899 min  
Delta R.T.: 0.007 min  
Response: 66305400  
Conc: 57.24 ng/ml



#15 Endosulfan II

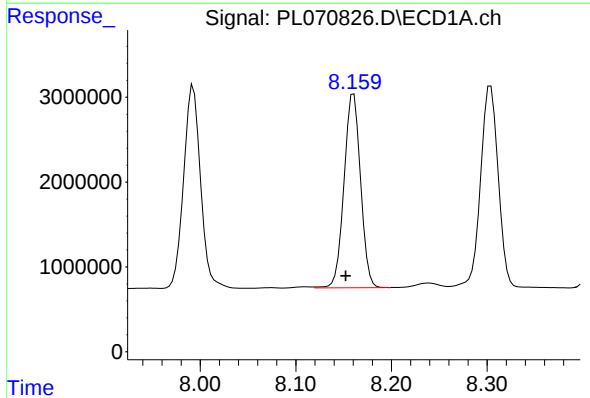
R.T.: 8.304 min  
Delta R.T.: 0.010 min  
Response: 29902075  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



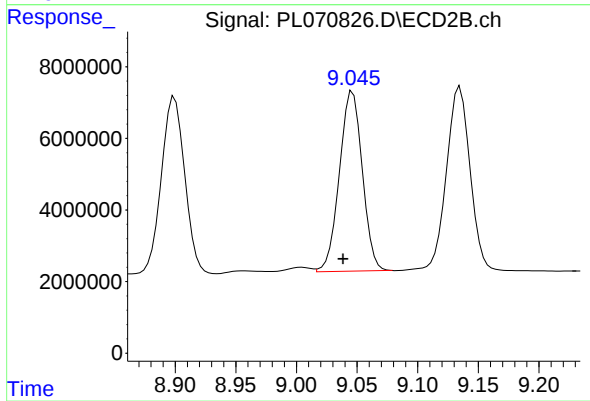
#15 Endosulfan II

R.T.: 9.135 min  
Delta R.T.: 0.008 min  
Response: 69789301  
Conc: 57.14 ng/ml



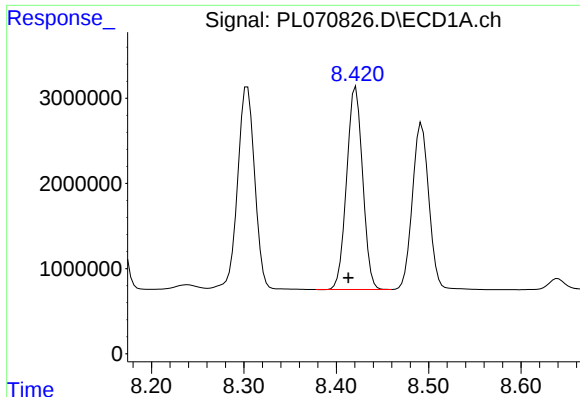
#16 4,4'-DDD

R.T.: 8.160 min  
Delta R.T.: 0.008 min  
Response: 27534513  
Conc: 54.19 ng/ml



#16 4,4'-DDD

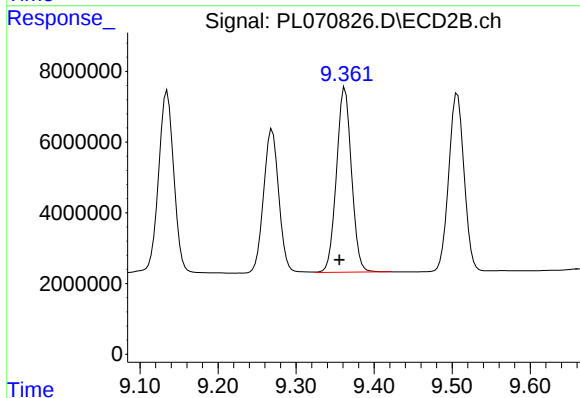
R.T.: 9.046 min  
Delta R.T.: 0.008 min  
Response: 66094276  
Conc: 54.92 ng/ml



#17 4,4'-DDT

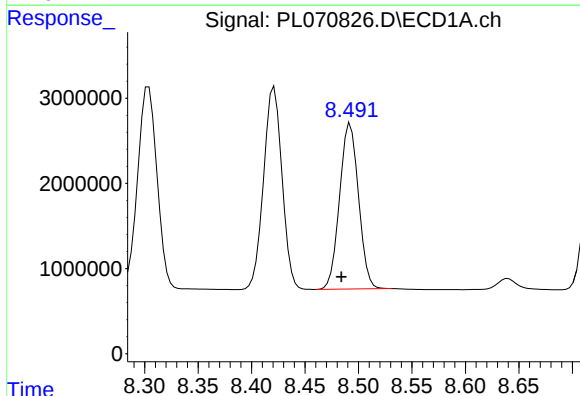
R.T.: 8.421 min  
Delta R.T.: 0.008 min  
Response: 28621805  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



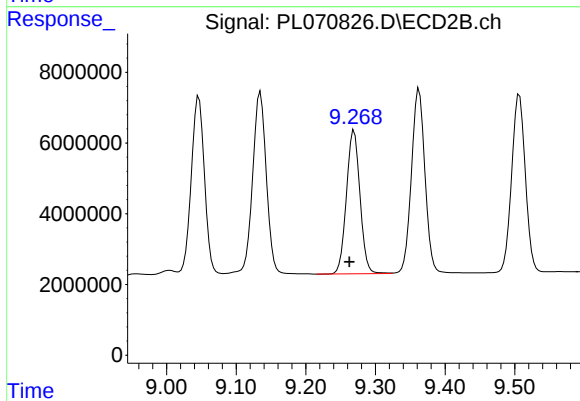
#17 4,4'-DDT

R.T.: 9.363 min  
Delta R.T.: 0.007 min  
Response: 69803217  
Conc: 55.33 ng/ml



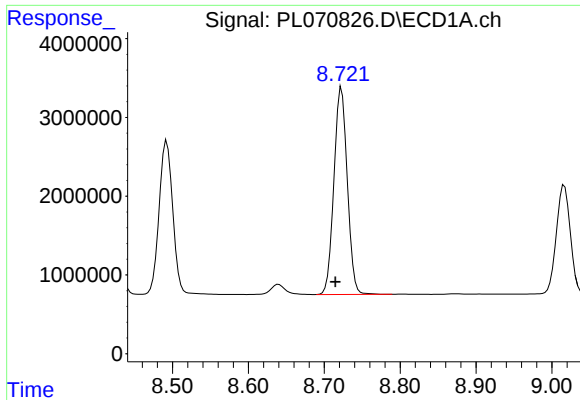
#18 Endrin aldehyde

R.T.: 8.492 min  
Delta R.T.: 0.008 min  
Response: 23994941  
Conc: 52.82 ng/ml



#18 Endrin aldehyde

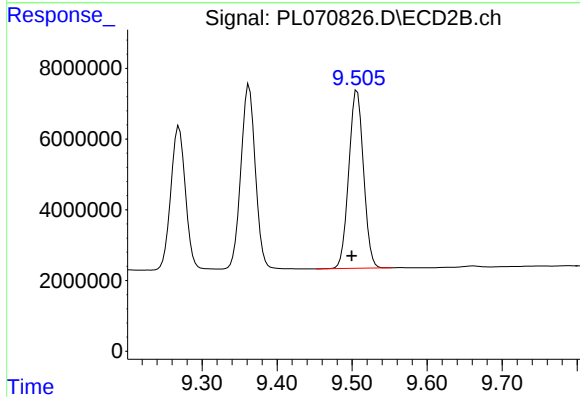
R.T.: 9.269 min  
Delta R.T.: 0.007 min  
Response: 54885031  
Conc: 56.75 ng/ml



#19 Endosulfan Sulfate

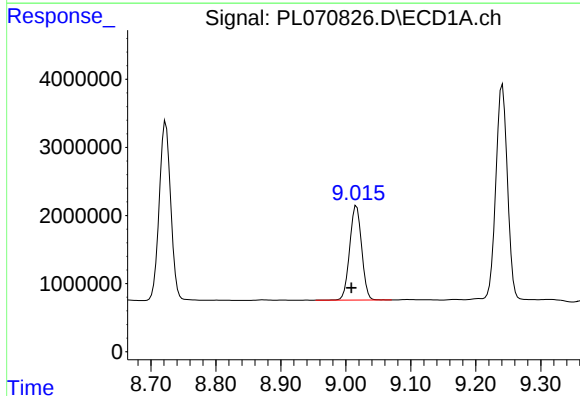
R.T.: 8.723 min  
Delta R.T.: 0.008 min  
Response: 32205325  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



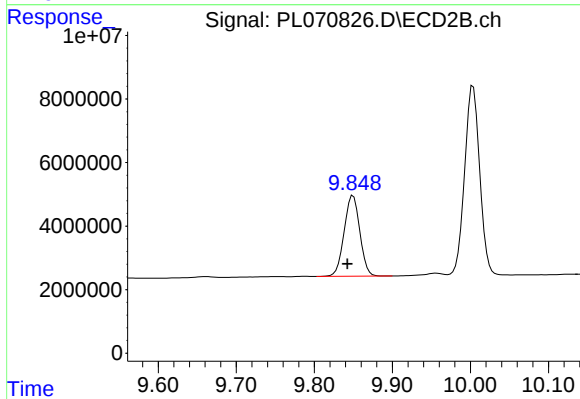
#19 Endosulfan Sulfate

R.T.: 9.507 min  
Delta R.T.: 0.007 min  
Response: 68701691  
Conc: 55.43 ng/ml



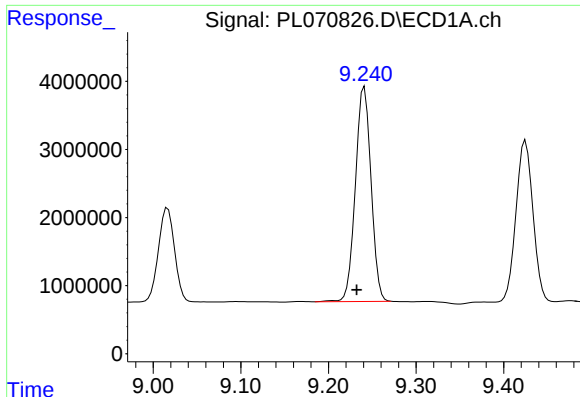
#20 Methoxychlor

R.T.: 9.016 min  
Delta R.T.: 0.008 min  
Response: 17762190  
Conc: 48.55 ng/ml



#20 Methoxychlor

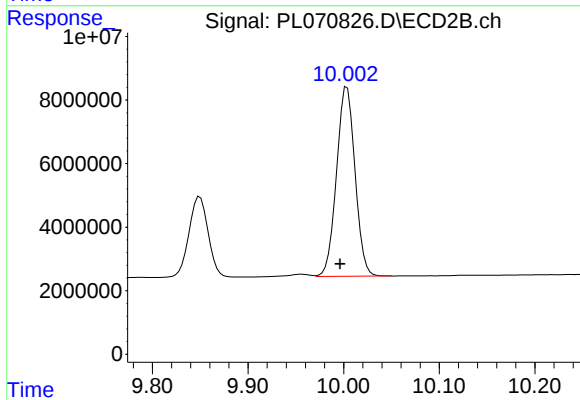
R.T.: 9.850 min  
Delta R.T.: 0.007 min  
Response: 35394739  
Conc: 52.30 ng/ml



#21 Endrin ketone

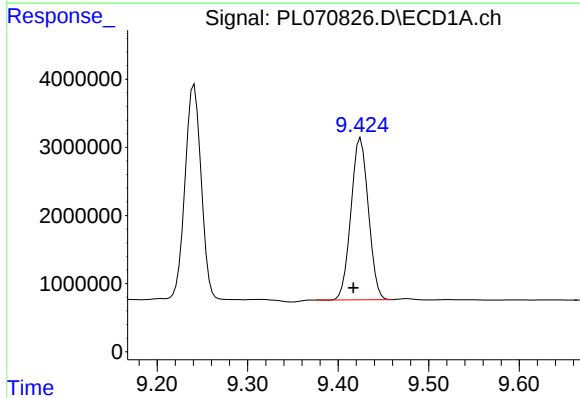
R.T.: 9.241 min  
Delta R.T.: 0.009 min  
Response: 39159813  
Conc: 54.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



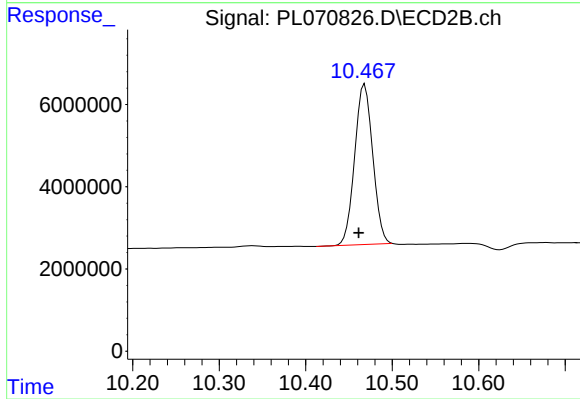
#21 Endrin ketone

R.T.: 10.004 min  
Delta R.T.: 0.007 min  
Response: 80240534  
Conc: 55.90 ng/ml



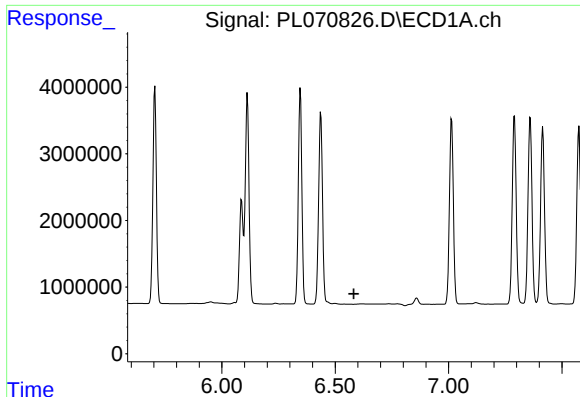
#22 Mirex

R.T.: 9.425 min  
Delta R.T.: 0.008 min  
Response: 31768679  
Conc: 51.73 ng/ml



#22 Mirex

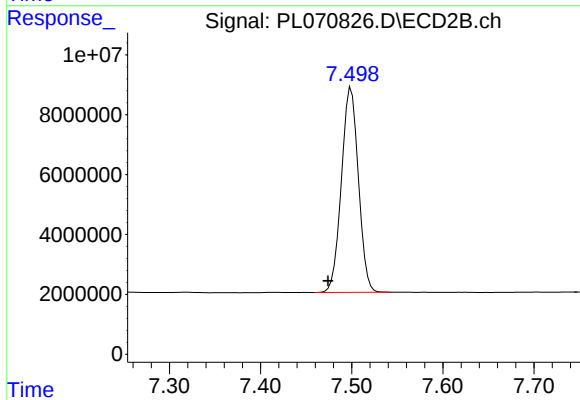
R.T.: 10.468 min  
Delta R.T.: 0.007 min  
Response: 56669141  
Conc: 54.41 ng/ml



#24 Chlordane-2

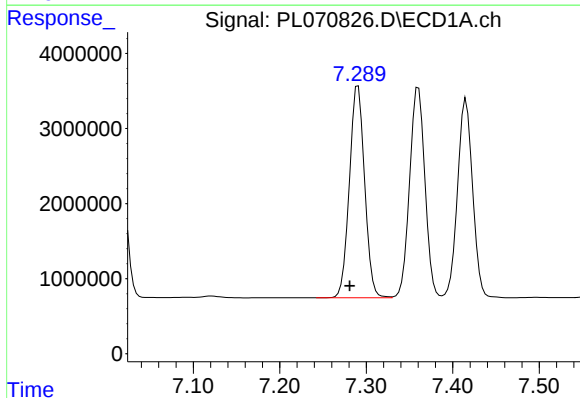
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



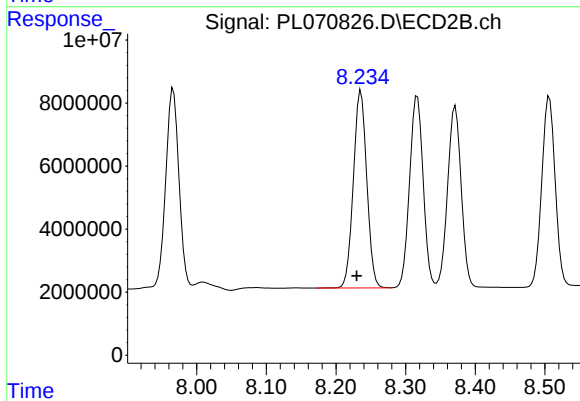
#24 Chlordane-2

R.T.: 7.499 min  
Delta R.T.: 0.025 min  
Response: 88698776  
Conc: 1690.95 ng/ml



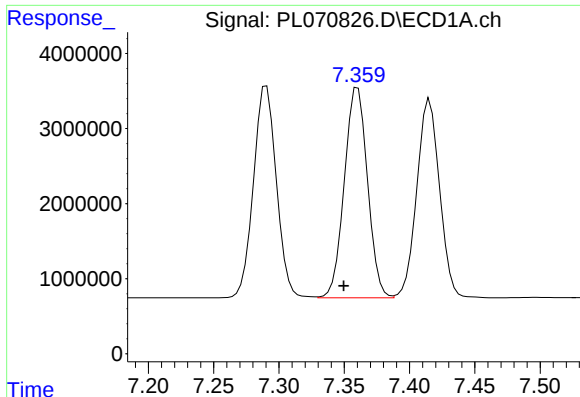
#25 Chlordane-3

R.T.: 7.290 min  
Delta R.T.: 0.010 min  
Response: 34440217  
Conc: 564.10 ng/ml



#25 Chlordane-3

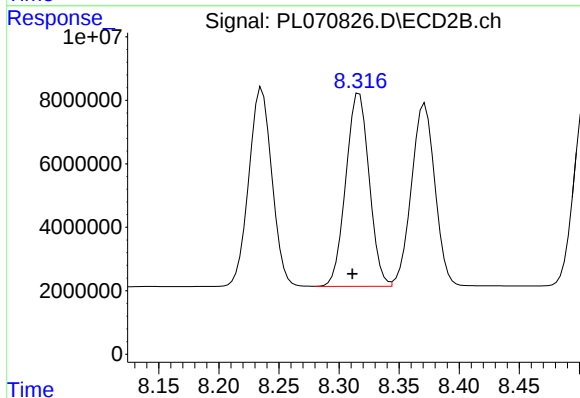
R.T.: 8.236 min  
Delta R.T.: 0.006 min  
Response: 83936339  
Conc: 415.26 ng/ml



#26 Chlordane-4

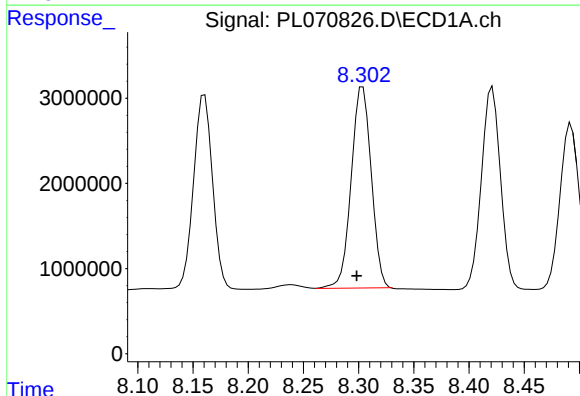
R.T.: 7.360 min  
Delta R.T.: 0.011 min  
Response: 34602530  
Conc: 527.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



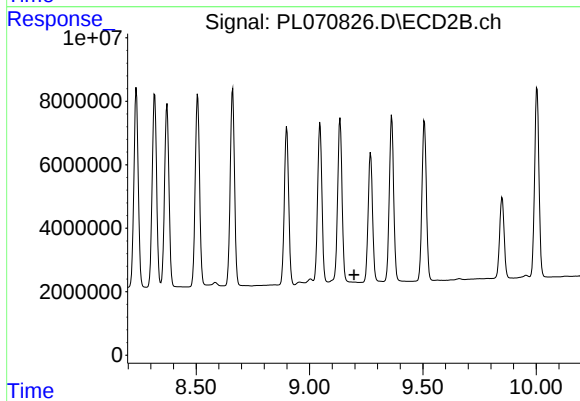
#26 Chlordane-4

R.T.: 8.317 min  
Delta R.T.: 0.006 min  
Response: 82356509  
Conc: 339.38 ng/ml



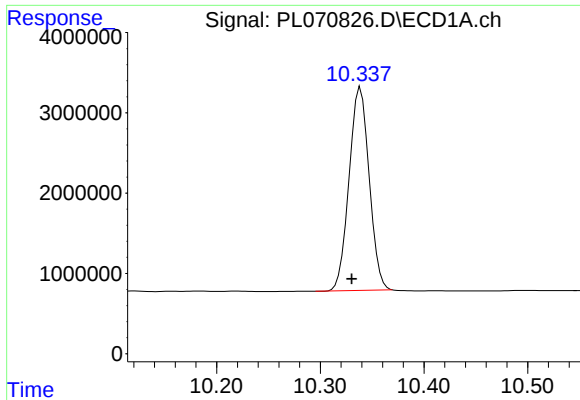
#27 Chlordane-5

R.T.: 8.304 min  
Delta R.T.: 0.005 min  
Response: 29902075  
Conc: 1337.43 ng/ml



#27 Chlordane-5

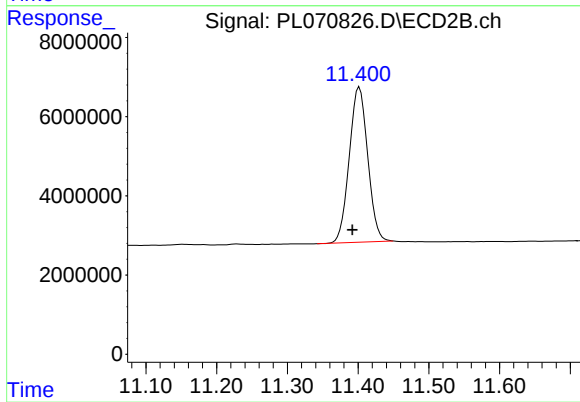
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.339 min  
Delta R.T.: 0.009 min  
Response: 34102215  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.402 min  
Delta R.T.: 0.010 min  
Response: 71164029  
Conc: 53.21 ng/ml