

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
 Data File : PL067747.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2021 11:56  
 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: Jun 24 01:44:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 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... | 4.479  | 5.530  | 24997542 | 43178563 | 45.468   | 45.801     |
| 28)                         | SA Decachlor... | 10.221 | 11.429 | 31578763 | 45859885 | 44.560   | 46.041     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.178  | 6.110  | 35682394 | 57310179 | 48.514   | 46.350     |
| 3)                          | MA gamma-BHC... | 5.598  | 6.506  | 34364479 | 54267648 | 45.854   | 46.030     |
| 4)                          | MA Heptachlor   | 6.009  | 7.153  | 35446441 | 52166285 | 46.992   | 46.776     |
| 5)                          | MB Aldrin       | 6.331  | 7.524  | 33352415 | 47490239 | 45.329   | 43.877     |
| 6)                          | B beta-BHC      | 5.982  | 6.761  | 16807830 | 25119367 | 46.975   | 46.259     |
| 7)                          | B delta-BHC     | 6.238  | 7.027  | 34350671 | 53088064 | 46.509   | 45.162     |
| 8)                          | B Heptachlo...  | 6.904  | 7.990  | 31727585 | 44701039 | 45.347   | 44.622     |
| 9)                          | A Endosulfan I  | 7.304  | 8.395  | 29936093 | 40468076 | 44.530   | 44.318     |
| 10)                         | B gamma-Chl...  | 7.183  | 8.259  | 32405676 | 45226724 | 44.697   | 44.794     |
| 11)                         | B alpha-Chl...  | 7.252  | 8.340  | 32765481 | 44870018 | 44.754   | 44.443     |
| 12)                         | B 4,4'-DDE      | 7.470  | 8.528  | 30275262 | 42222015 | 45.505   | 46.606     |
| 13)                         | MA Dieldrin     | 7.588  | 8.683  | 31407172 | 41329883 | 44.803   | 45.506     |
| 14)                         | MA Endrin       | 7.875  | 8.923  | 29723259 | 35419179 | 45.334   | 46.305     |
| 15)                         | B Endosulfa...  | 8.186  | 9.157  | 27484603 | 36449643 | 44.627   | 45.716     |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.068  | 26327663 | 33896664 | 45.293   | 47.661     |
| 17)                         | MA 4,4'-DDT     | 8.311  | 9.385  | 26618392 | 33787138 | 45.745   | 46.085     |
| 18)                         | B Endrin al...  | 8.373  | 9.291  | 22143308 | 27890118 | 43.738   | 43.672     |
| 19)                         | B Endosulfa...  | 8.605  | 9.530  | 28015888 | 35430830 | 44.133   | 44.613     |
| 20)                         | A Methoxychlor  | 8.904  | 9.872  | 16444577 | 18872354 | 46.262   | 48.540     |
| 21)                         | B Endrin ke...  | 9.115  | 10.026 | 33747840 | 41391768 | 44.326   | 45.667     |
| 22)                         | Mirex           | 9.301  | 10.492 | 27441372 | 32767433 | 43.573   | 43.343     |
| 24)                         | Chlordane-2     | 6.487  | 7.524f | 1040450  | 47490239 | 38.854   | 1303.024 # |
| 25)                         | Chlordane-3     | 7.183  | 8.259  | 32405676 | 45226724 | 482.295  | 337.922 #  |
| 26)                         | Chlordane-4     | 7.252  | 8.340  | 32765481 | 44870018 | 448.359  | 276.804 #  |
| 27)                         | Chlordane-5     | 8.186  | 0.000  | 27484603 | 0        | 1256.205 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

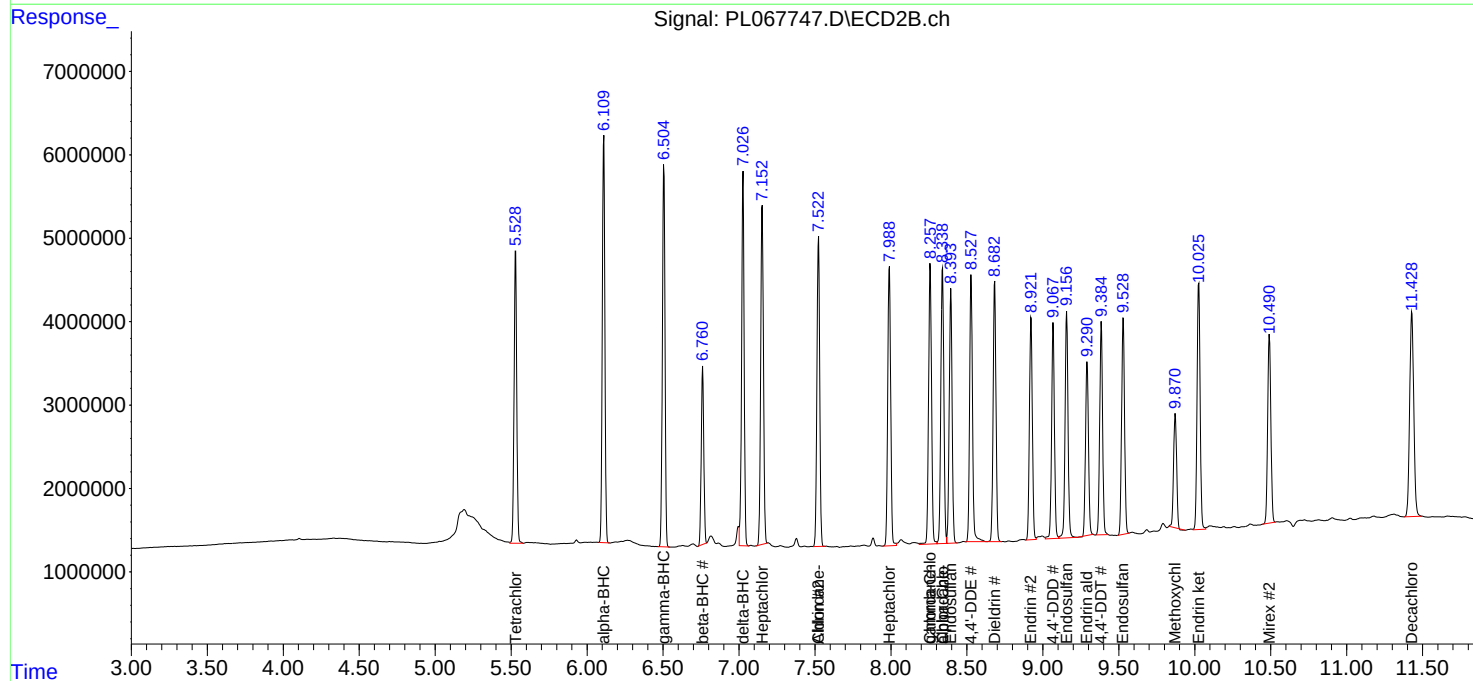
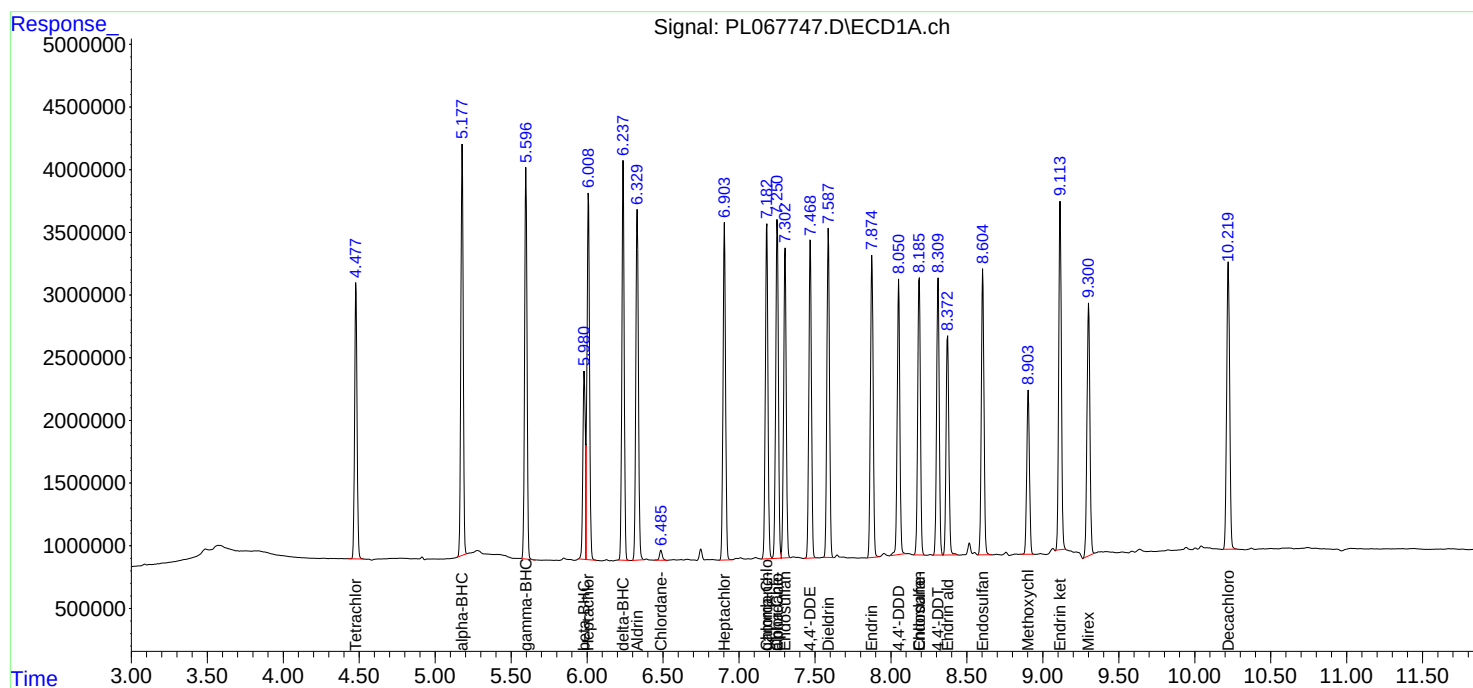
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

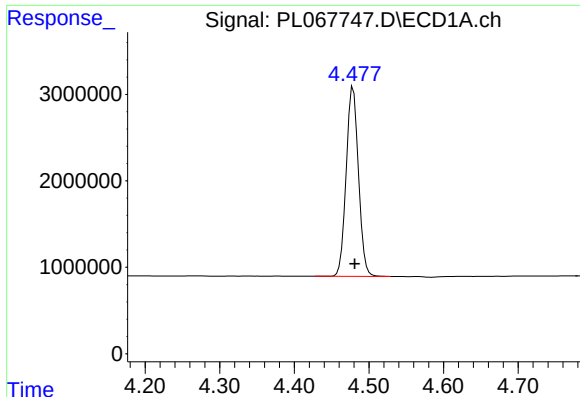
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
Data File : PL067747.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2021 11:56  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 01:44:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 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

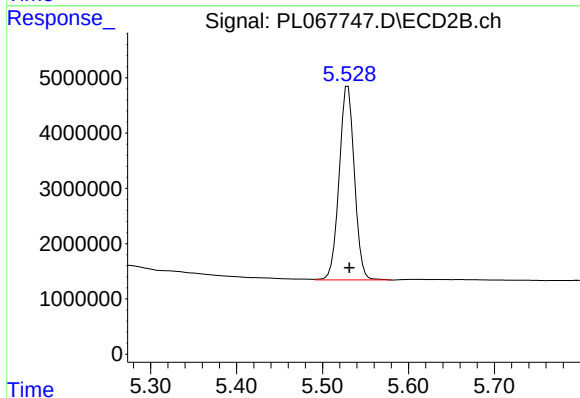




#1 Tetrachloro-m-xylene

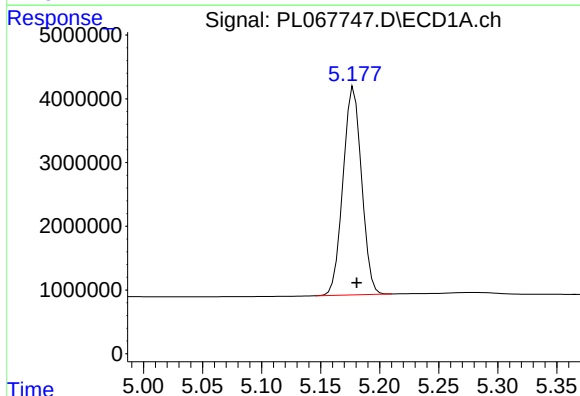
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 24997542  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



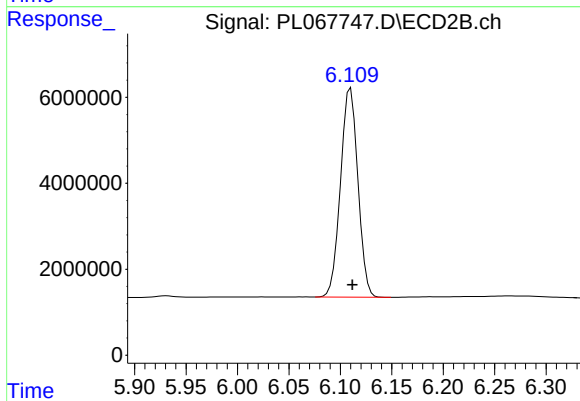
#1 Tetrachloro-m-xylene

R.T.: 5.530 min  
Delta R.T.: -0.002 min  
Response: 43178563  
Conc: 45.80 ng/ml



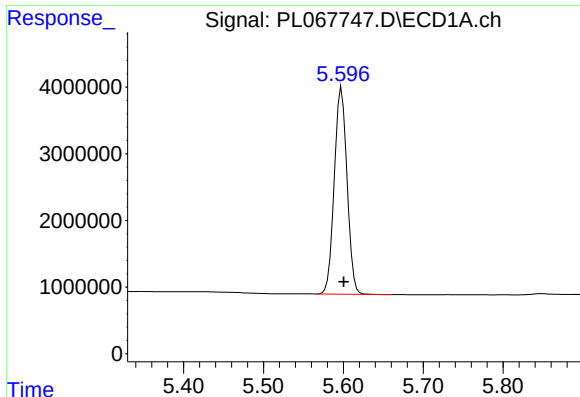
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 35682394  
Conc: 48.51 ng/ml



#2 alpha-BHC

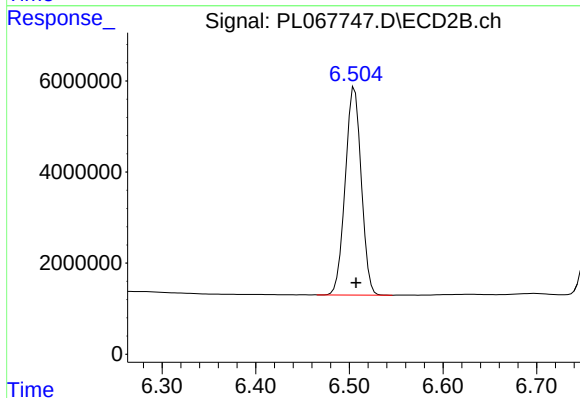
R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 57310179  
Conc: 46.35 ng/ml



#3 gamma-BHC (Lindane)

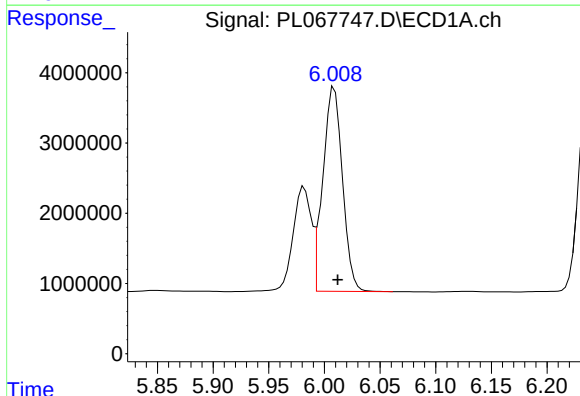
R.T.: 5.598 min  
Delta R.T.: -0.003 min  
Response: 34364479  
Conc: 45.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



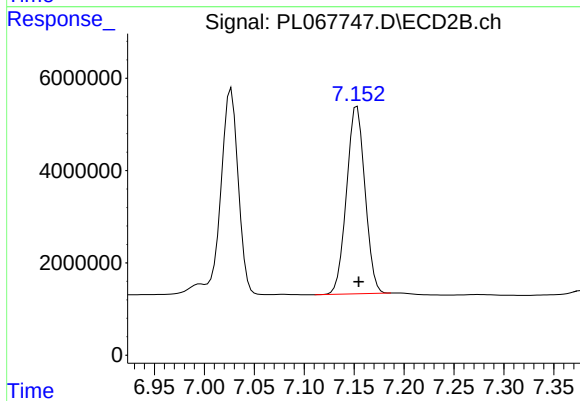
#3 gamma-BHC (Lindane)

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 54267648  
Conc: 46.03 ng/ml



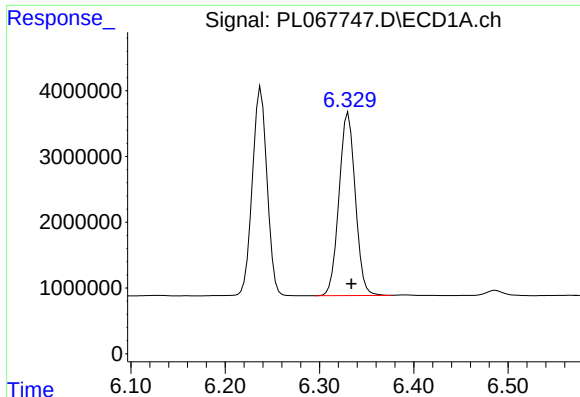
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.003 min  
Response: 35446441  
Conc: 46.99 ng/ml



#4 Heptachlor

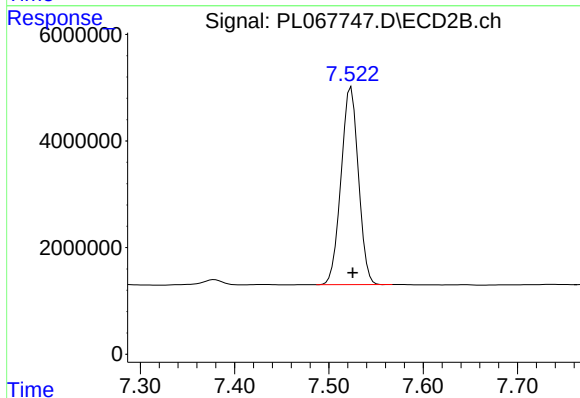
R.T.: 7.153 min  
Delta R.T.: -0.001 min  
Response: 52166285  
Conc: 46.78 ng/ml



#5 Aldrin

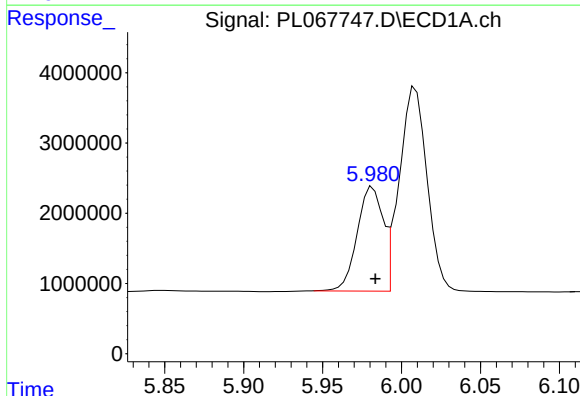
R.T.: 6.331 min  
Delta R.T.: -0.003 min  
Response: 33352415  
Conc: 45.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



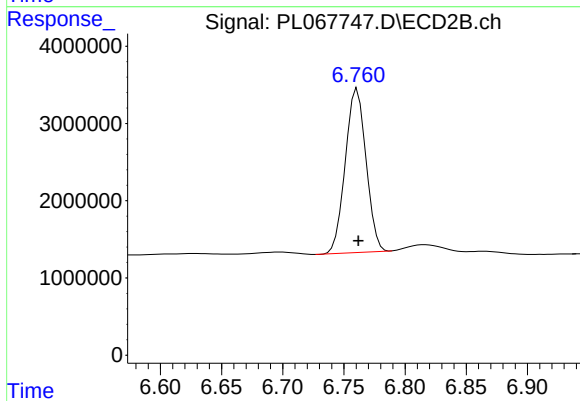
#5 Aldrin

R.T.: 7.524 min  
Delta R.T.: -0.002 min  
Response: 47490239  
Conc: 43.88 ng/ml



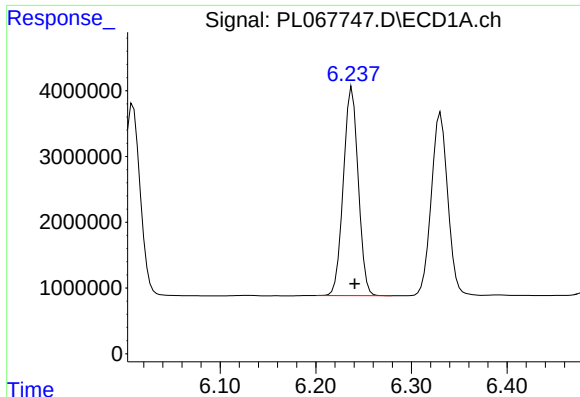
#6 beta-BHC

R.T.: 5.982 min  
Delta R.T.: -0.002 min  
Response: 16807830  
Conc: 46.97 ng/ml



#6 beta-BHC

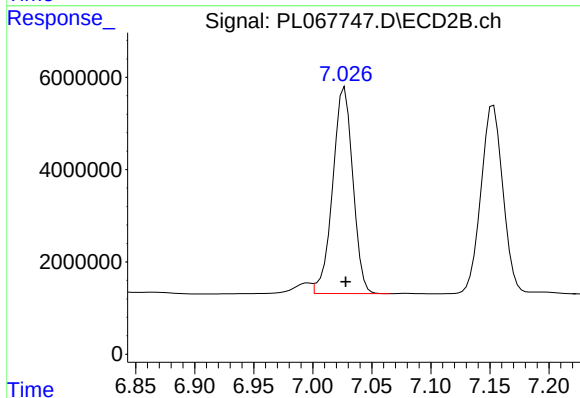
R.T.: 6.761 min  
Delta R.T.: -0.001 min  
Response: 25119367  
Conc: 46.26 ng/ml



#7 delta-BHC

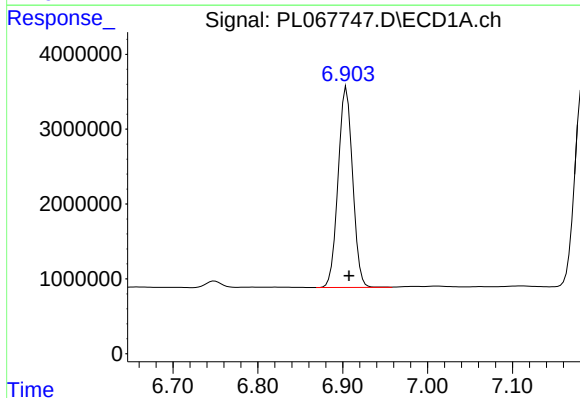
R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 34350671  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



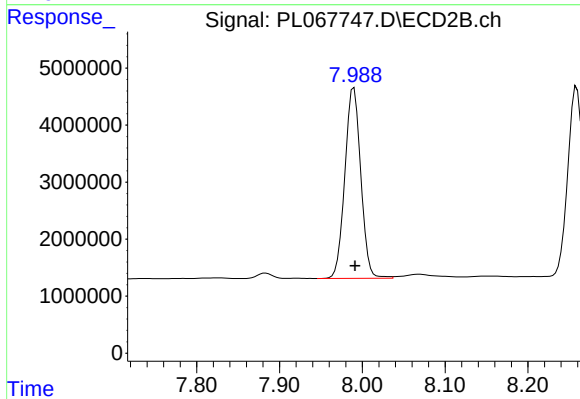
#7 delta-BHC

R.T.: 7.027 min  
Delta R.T.: -0.001 min  
Response: 53088064  
Conc: 45.16 ng/ml



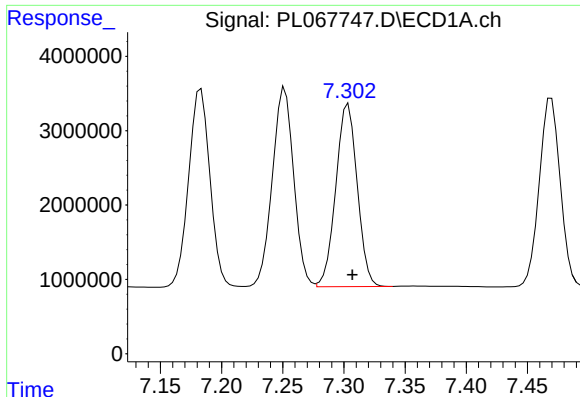
#8 Heptachlor epoxide

R.T.: 6.904 min  
Delta R.T.: -0.003 min  
Response: 31727585  
Conc: 45.35 ng/ml



#8 Heptachlor epoxide

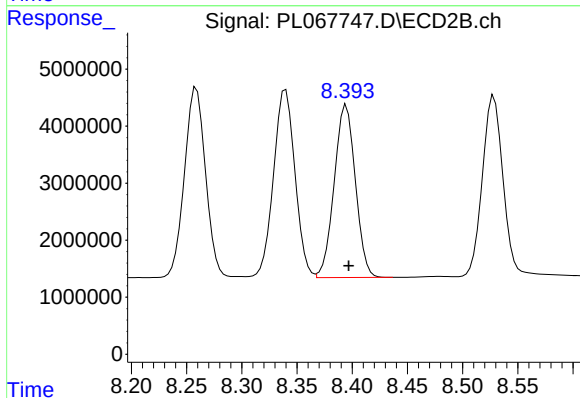
R.T.: 7.990 min  
Delta R.T.: -0.001 min  
Response: 44701039  
Conc: 44.62 ng/ml



#9 Endosulfan I

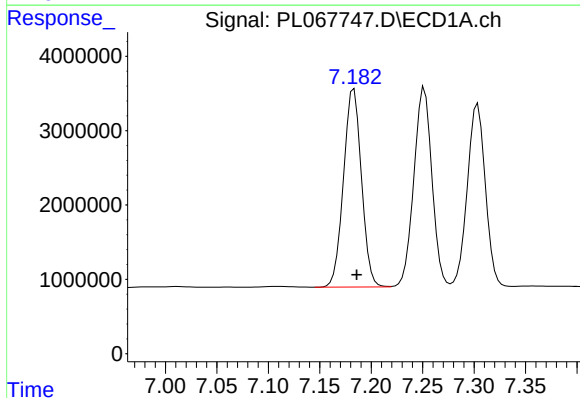
R.T.: 7.304 min  
Delta R.T.: -0.003 min  
Response: 29936093  
Conc: 44.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



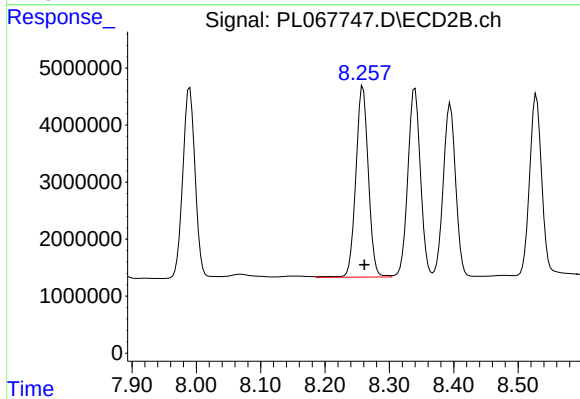
#9 Endosulfan I

R.T.: 8.395 min  
Delta R.T.: -0.002 min  
Response: 40468076  
Conc: 44.32 ng/ml



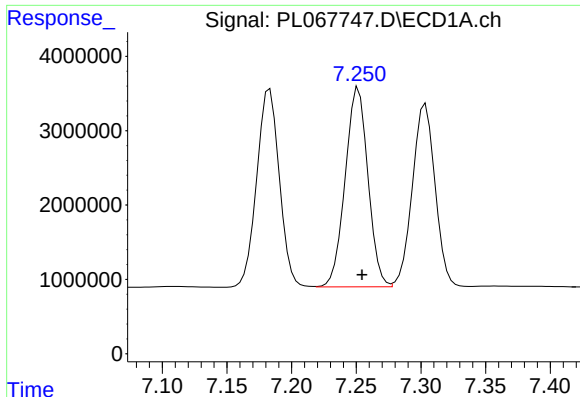
#10 gamma-Chlordane

R.T.: 7.183 min  
Delta R.T.: -0.003 min  
Response: 32405676  
Conc: 44.70 ng/ml



#10 gamma-Chlordane

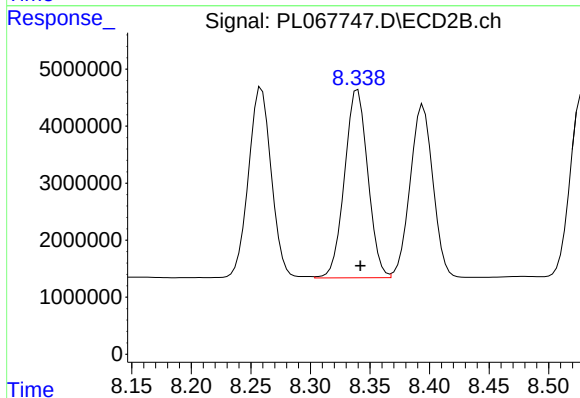
R.T.: 8.259 min  
Delta R.T.: -0.002 min  
Response: 45226724  
Conc: 44.79 ng/ml



#11 alpha-Chlordane

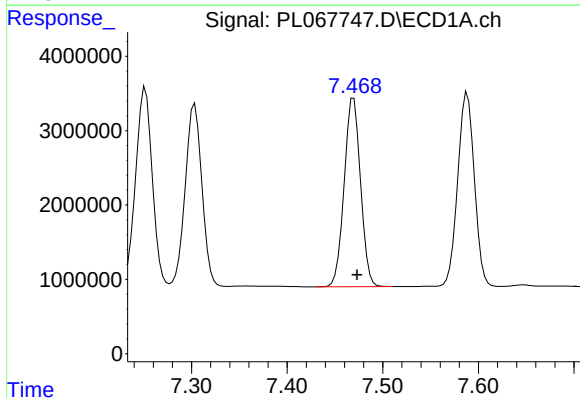
R.T.: 7.252 min  
Delta R.T.: -0.003 min  
Response: 32765481  
Conc: 44.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



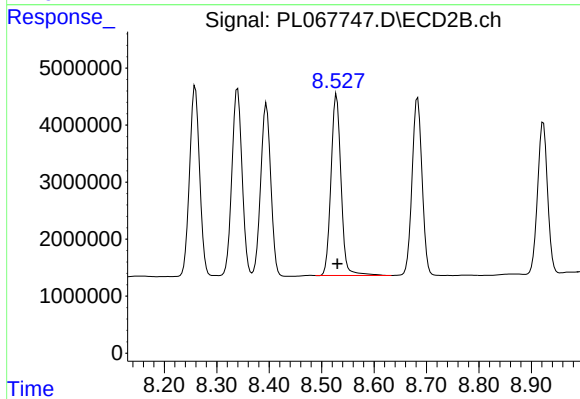
#11 alpha-Chlordane

R.T.: 8.340 min  
Delta R.T.: -0.002 min  
Response: 44870018  
Conc: 44.44 ng/ml



#12 4,4'-DDE

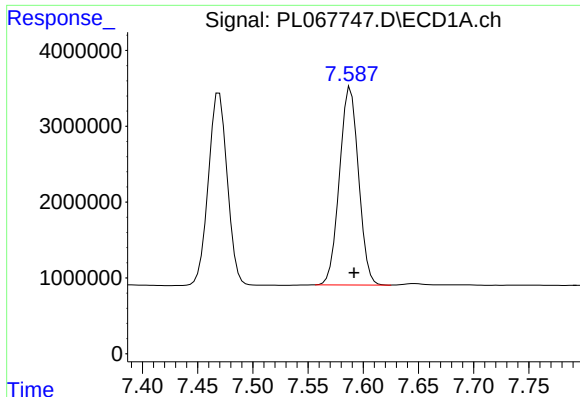
R.T.: 7.470 min  
Delta R.T.: -0.003 min  
Response: 30275262  
Conc: 45.51 ng/ml



#12 4,4'-DDE

R.T.: 8.528 min  
Delta R.T.: -0.002 min  
Response: 42222015  
Conc: 46.61 ng/ml

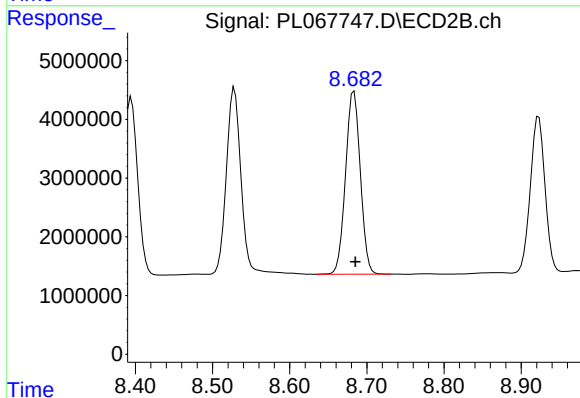




#13 Dieldrin

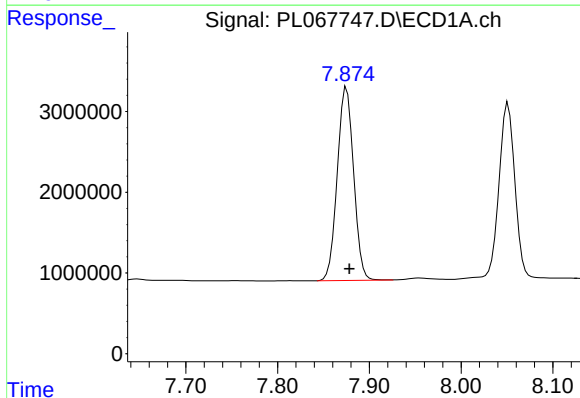
R.T.: 7.588 min  
Delta R.T.: -0.003 min  
Response: 31407172  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



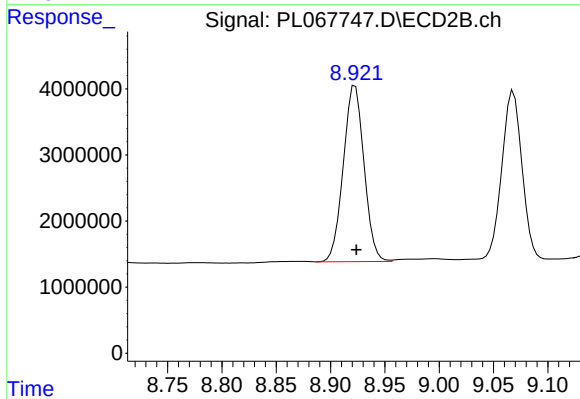
#13 Dieldrin

R.T.: 8.683 min  
Delta R.T.: -0.002 min  
Response: 41329883  
Conc: 45.51 ng/ml



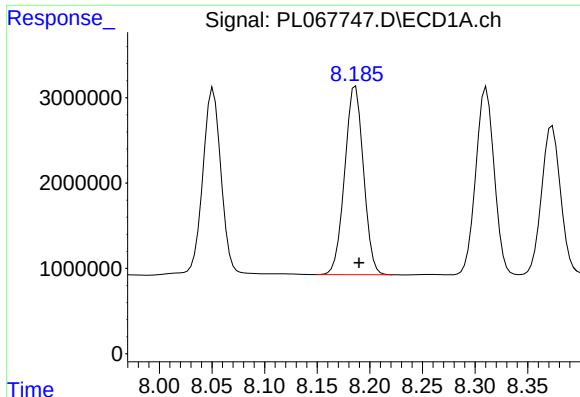
#14 Endrin

R.T.: 7.875 min  
Delta R.T.: -0.003 min  
Response: 29723259  
Conc: 45.33 ng/ml



#14 Endrin

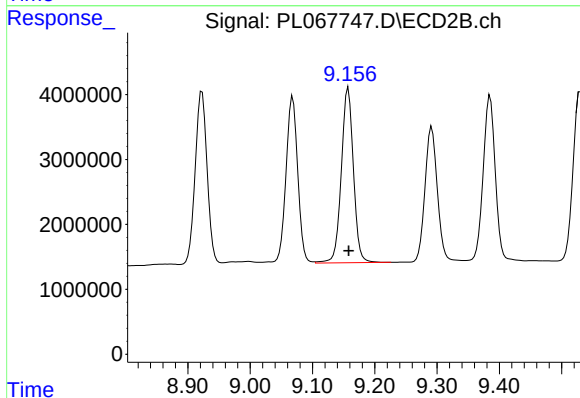
R.T.: 8.923 min  
Delta R.T.: -0.001 min  
Response: 35419179  
Conc: 46.31 ng/ml



#15 Endosulfan II

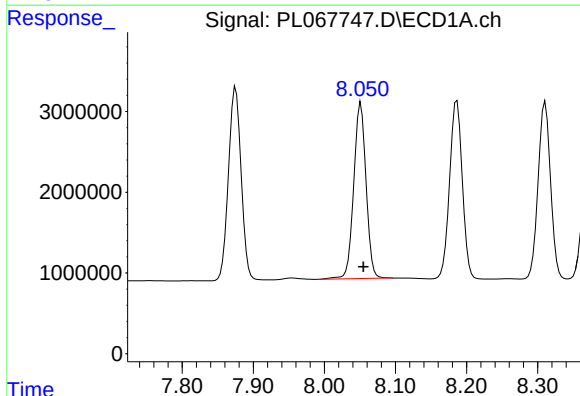
R.T.: 8.186 min  
Delta R.T.: -0.003 min  
Response: 27484603  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



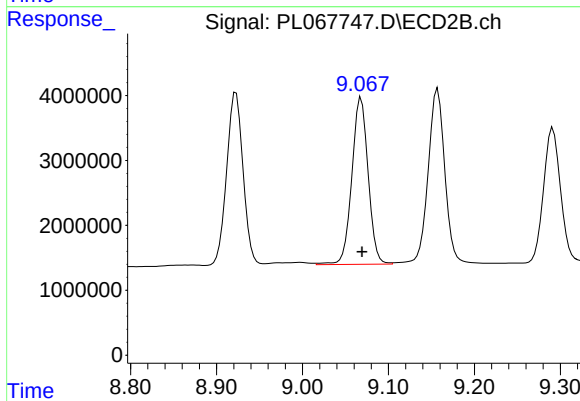
#15 Endosulfan II

R.T.: 9.157 min  
Delta R.T.: -0.001 min  
Response: 36449643  
Conc: 45.72 ng/ml



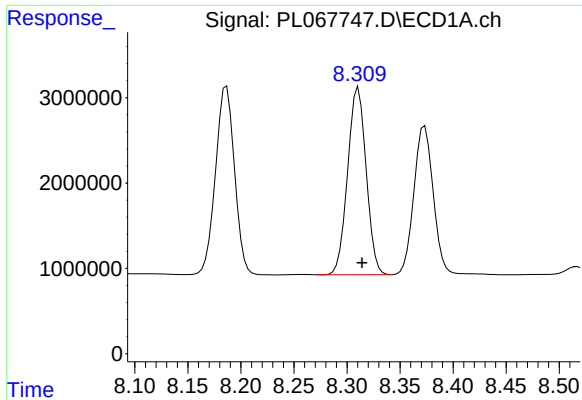
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.003 min  
Response: 26327663  
Conc: 45.29 ng/ml



#16 4,4'-DDD

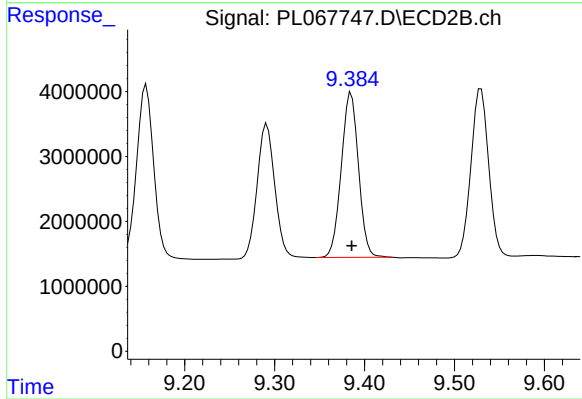
R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 33896664  
Conc: 47.66 ng/ml



#17 4,4'-DDT

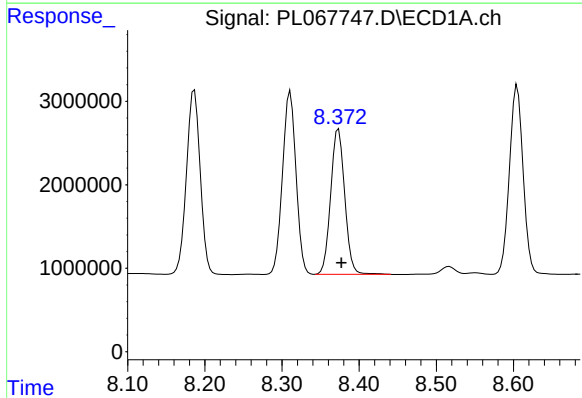
R.T.: 8.311 min  
Delta R.T.: -0.004 min  
Response: 26618392  
Conc: 45.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



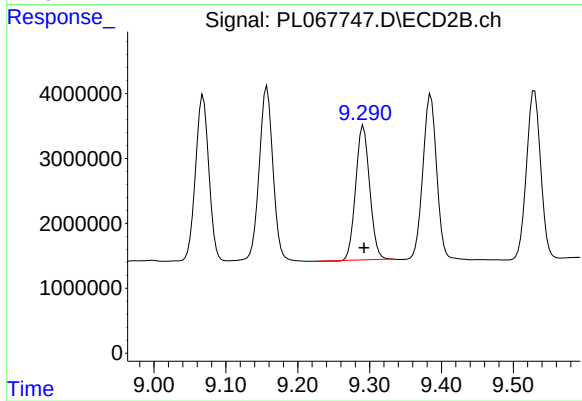
#17 4,4'-DDT

R.T.: 9.385 min  
Delta R.T.: 0.000 min  
Response: 33787138  
Conc: 46.08 ng/ml



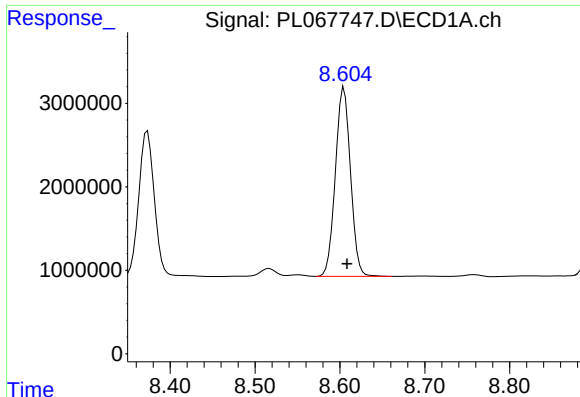
#18 Endrin aldehyde

R.T.: 8.373 min  
Delta R.T.: -0.004 min  
Response: 22143308  
Conc: 43.74 ng/ml



#18 Endrin aldehyde

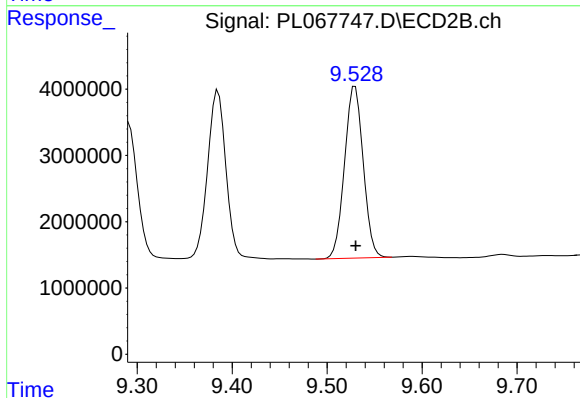
R.T.: 9.291 min  
Delta R.T.: -0.001 min  
Response: 27890118  
Conc: 43.67 ng/ml



#19 Endosulfan Sulfate

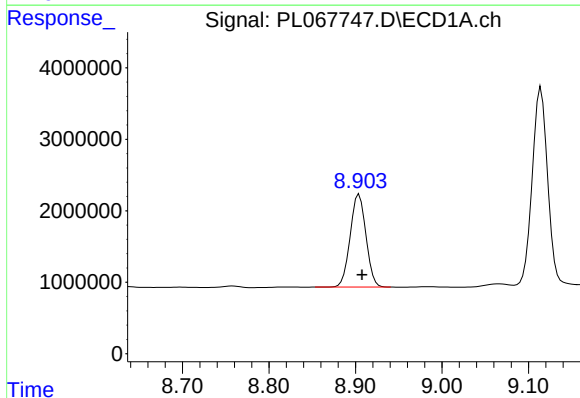
R.T.: 8.605 min  
Delta R.T.: -0.003 min  
Response: 28015888  
Conc: 44.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



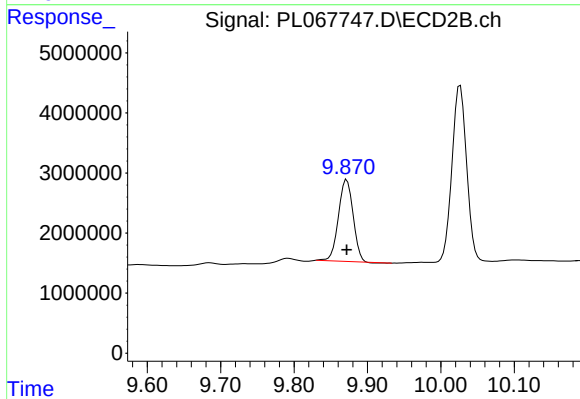
#19 Endosulfan Sulfate

R.T.: 9.530 min  
Delta R.T.: 0.000 min  
Response: 35430830  
Conc: 44.61 ng/ml



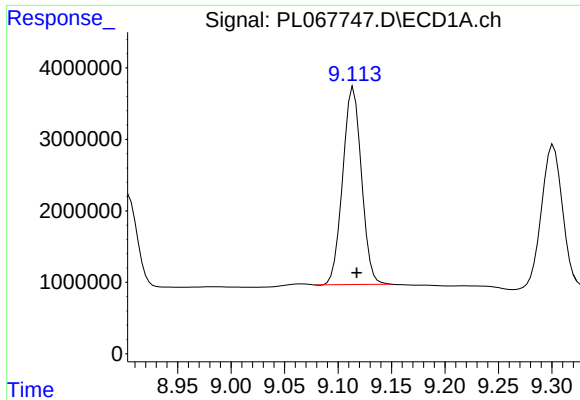
#20 Methoxychlor

R.T.: 8.904 min  
Delta R.T.: -0.004 min  
Response: 16444577  
Conc: 46.26 ng/ml



#20 Methoxychlor

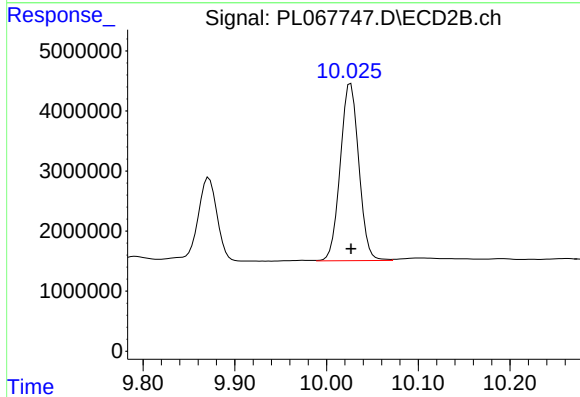
R.T.: 9.872 min  
Delta R.T.: 0.000 min  
Response: 18872354  
Conc: 48.54 ng/ml



#21 Endrin ketone

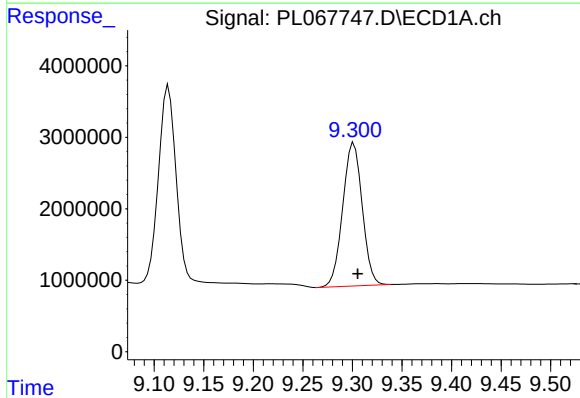
R.T.: 9.115 min  
Delta R.T.: -0.003 min  
Response: 33747840  
Conc: 44.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



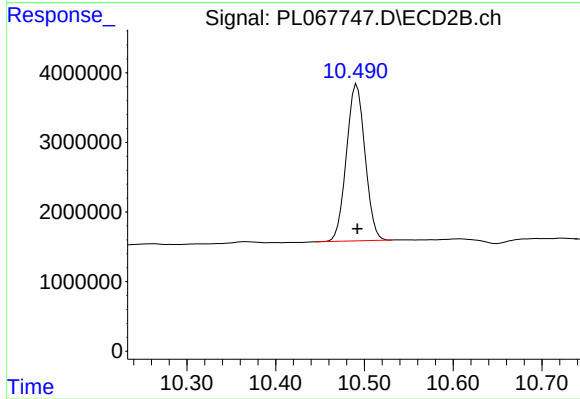
#21 Endrin ketone

R.T.: 10.026 min  
Delta R.T.: 0.000 min  
Response: 41391768  
Conc: 45.67 ng/ml



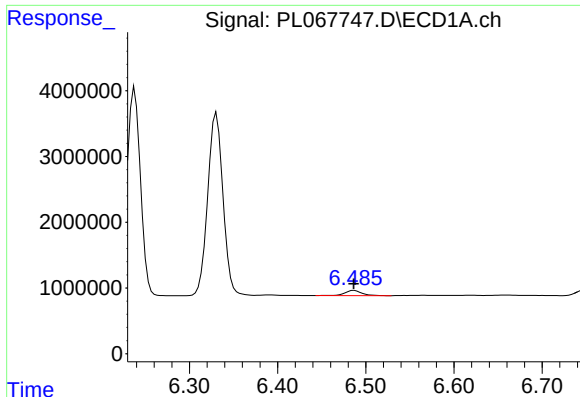
#22 Mirex

R.T.: 9.301 min  
Delta R.T.: -0.004 min  
Response: 27441372  
Conc: 43.57 ng/ml



#22 Mirex

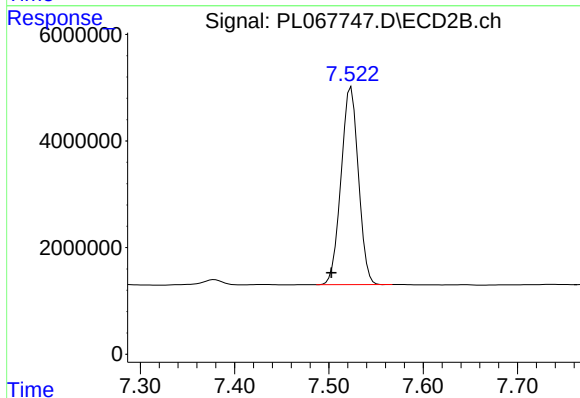
R.T.: 10.492 min  
Delta R.T.: 0.000 min  
Response: 32767433  
Conc: 43.34 ng/ml



#24 Chlordane-2

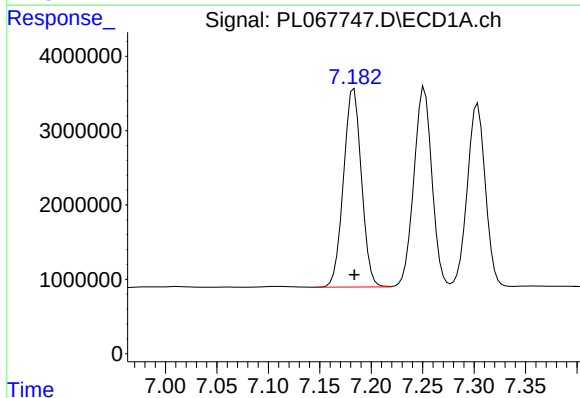
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 1040450  
Conc: 38.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



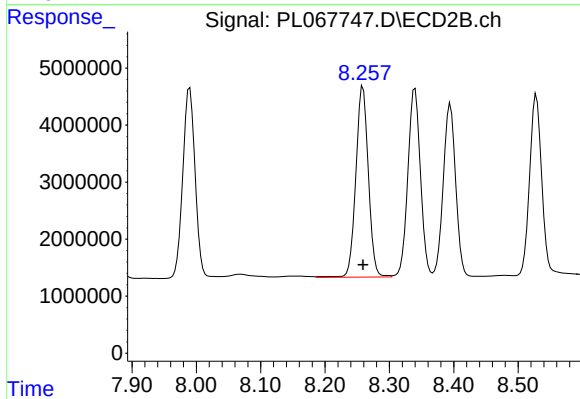
#24 Chlordane-2

R.T.: 7.524 min  
Delta R.T.: 0.021 min  
Response: 47490239  
Conc: 1303.02 ng/ml



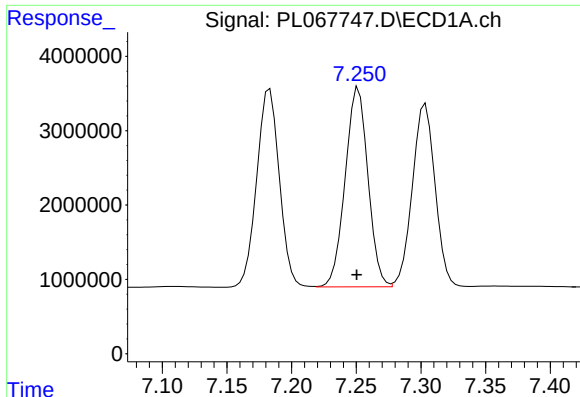
#25 Chlordane-3

R.T.: 7.183 min  
Delta R.T.: 0.000 min  
Response: 32405676  
Conc: 482.29 ng/ml



#25 Chlordane-3

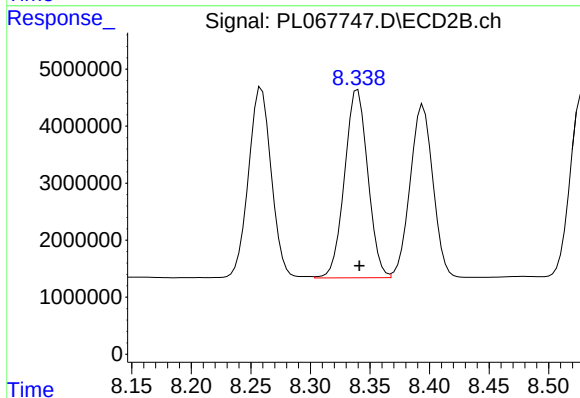
R.T.: 8.259 min  
Delta R.T.: 0.000 min  
Response: 45226724  
Conc: 337.92 ng/ml



#26 Chlordane-4

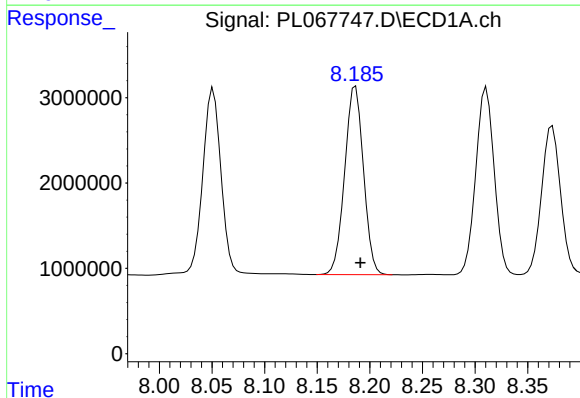
R.T.: 7.252 min  
Delta R.T.: 0.001 min  
Response: 32765481  
Conc: 448.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



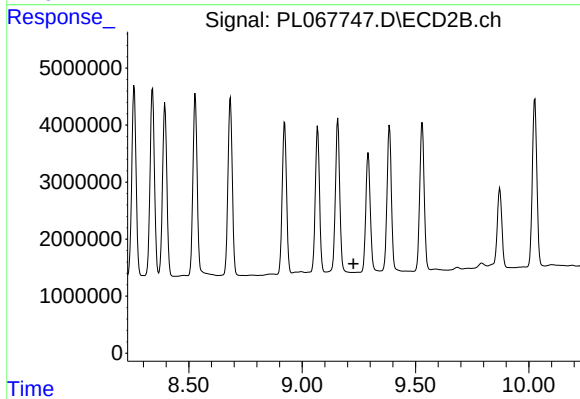
#26 Chlordane-4

R.T.: 8.340 min  
Delta R.T.: -0.001 min  
Response: 44870018  
Conc: 276.80 ng/ml



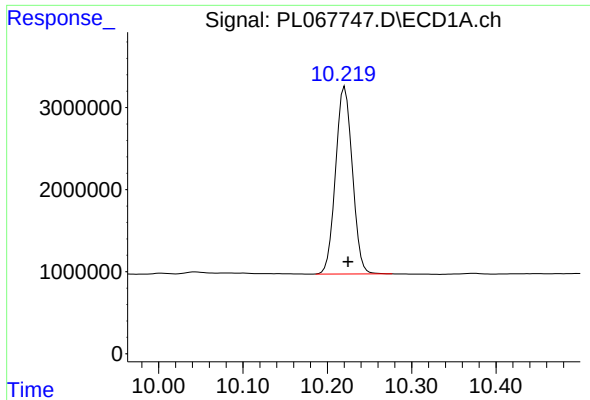
#27 Chlordane-5

R.T.: 8.186 min  
Delta R.T.: -0.004 min  
Response: 27484603  
Conc: 1256.20 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 9.227 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

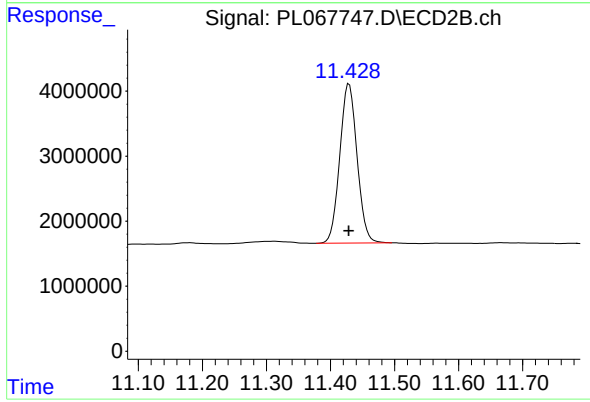
R.T.: 10.221 min

Delta R.T.: -0.004 min

Response: 31578763

Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.429 min

Delta R.T.: 0.000 min

Response: 45859885

Conc: 46.04 ng/ml