

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061121\  
 Data File : PL067289.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2021 14:25  
 Operator : AR\AJ  
 Sample : M2625-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 04:28:49 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... | 4.482  | 5.532  | 11830508 | 20630075 | 21.518   | 21.883     |
| 28)                         | SA Decachlor... | 10.225 | 11.433 | 12795201 | 19659003 | 18.055   | 19.737     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.181  | 6.113  | 44635750 | 71055860 | 60.688   | 57.467     |
| 3)                          | MA gamma-BHC... | 5.601  | 6.508  | 42288106 | 67306885 | 56.427   | 57.090     |
| 4)                          | MA Heptachlor   | 6.012  | 7.156  | 41415310 | 62162096 | 54.905   | 55.739     |
| 5)                          | MB Aldrin       | 6.334  | 7.526  | 40816126 | 58500304 | 55.472   | 54.049     |
| 6)                          | B beta-BHC      | 5.984  | 6.763  | 19661405 | 31832522 | 54.950   | 58.622     |
| 7)                          | B delta-BHC     | 6.241  | 7.029  | 32935707 | 51039805 | 44.593   | 43.419     |
| 8)                          | B Heptachlo...  | 6.908  | 7.992  | 39194005 | 55115476 | 56.018   | 55.018     |
| 9)                          | A Endosulfan I  | 7.306  | 8.398  | 36839970 | 49786517 | 54.800   | 54.523     |
| 10)                         | B gamma-Chl...  | 7.186  | 8.262  | 40158042 | 54806651 | 55.390   | 54.282     |
| 11)                         | B alpha-Chl...  | 7.255  | 8.343  | 39826705 | 54137695 | 54.399   | 53.622     |
| 12)                         | B 4,4'-DDE      | 7.473  | 8.532  | 36899705 | 49547513 | 55.462   | 54.692     |
| 13)                         | MA Dieldrin     | 7.592  | 8.687  | 39380555 | 51868392 | 56.177   | 57.109     |
| 14)                         | MA Endrin       | 7.878  | 8.926  | 34270267 | 40565201 | 52.269   | 53.033     |
| 15)                         | B Endosulfa...  | 8.189  | 9.160  | 33379829 | 43662605 | 54.199   | 54.763     |
| 16)                         | A 4,4'-DDD      | 8.054  | 9.071  | 32411134 | 41313832 | 55.759   | 58.090     |
| 17)                         | MA 4,4'-DDT     | 8.314  | 9.388  | 28844371 | 35559386 | 49.571   | 48.502     |
| 18)                         | B Endrin al...  | 8.377  | 9.295  | 26948567 | 36212657 | 53.229   | 56.704     |
| 19)                         | B Endosulfa...  | 8.608  | 9.532  | 33493429 | 41718216 | 52.762   | 52.530     |
| 20)                         | A Methoxychlor  | 8.908  | 9.874  | 17248845 | 20335785 | 48.524   | 52.304     |
| 21)                         | B Endrin ke...  | 9.117  | 10.029 | 38833068 | 52178480 | 51.005   | 57.568     |
| 22)                         | Mirex           | 9.306  | 10.495 | 32051010 | 39699818 | 50.893   | 52.513     |
| 24)                         | Chlordane-2     | 0.000  | 7.526f | 0        | 58500304 | N.D.     | 1605.115 # |
| 25)                         | Chlordane-3     | 7.186  | 8.262  | 40158042 | 54806651 | 597.673  | 409.500 #  |
| 26)                         | Chlordane-4     | 7.255  | 8.343  | 39826705 | 54137695 | 544.984  | 333.976 #  |
| 27)                         | Chlordane-5     | 8.189  | 0.000  | 33379829 | 0        | 1525.651 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

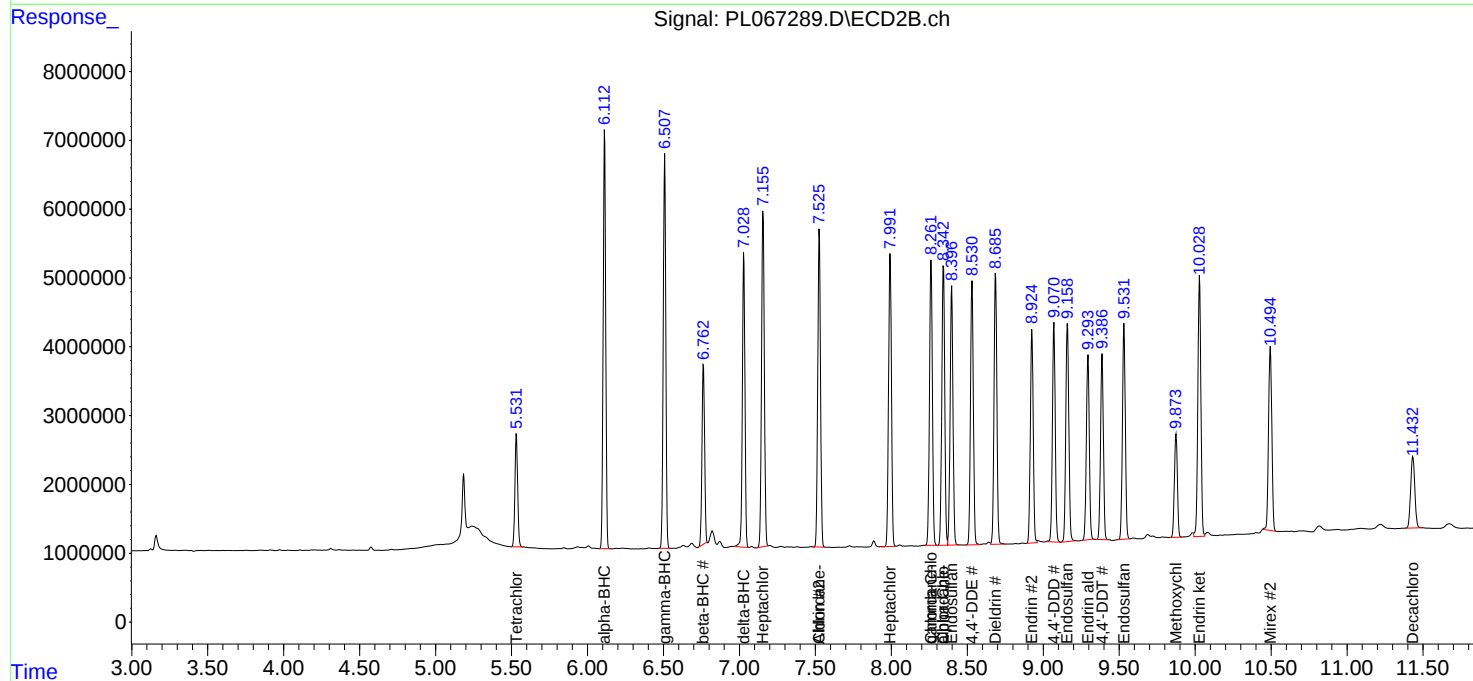
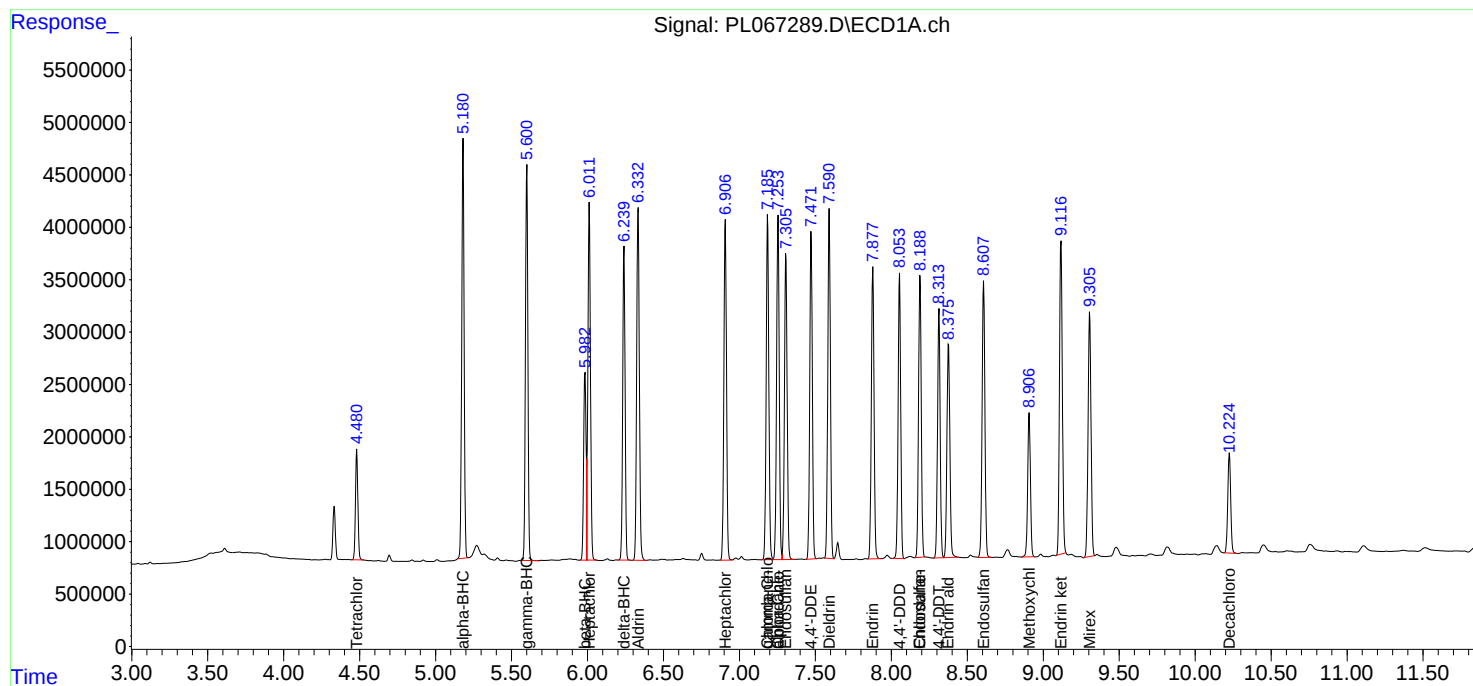
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

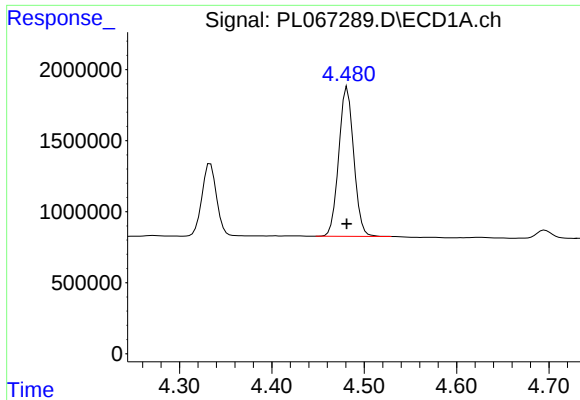
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061121\  
Data File : PL067289.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jun 2021 14:25  
Operator : AR\AJ  
Sample : M2625-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 04:28:49 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

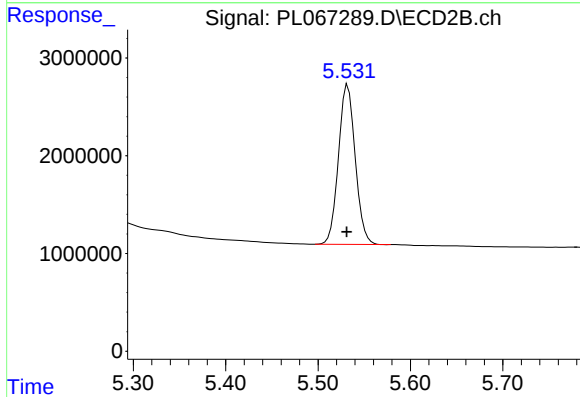




#1 Tetrachloro-m-xylene

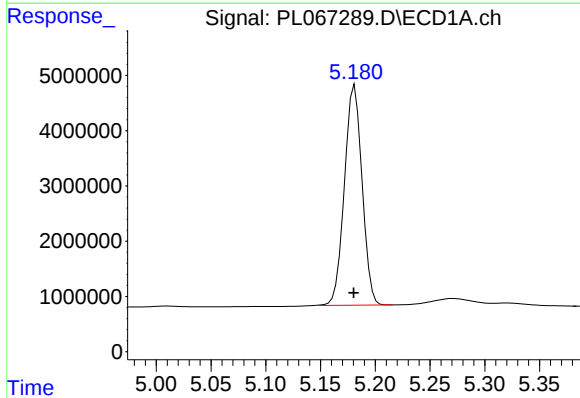
R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 11830508  
Conc: 21.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



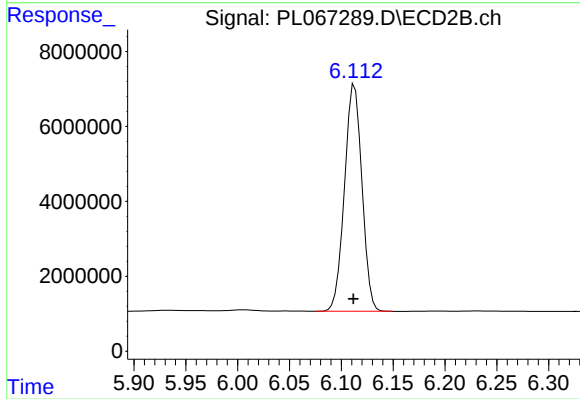
#1 Tetrachloro-m-xylene

R.T.: 5.532 min  
Delta R.T.: 0.001 min  
Response: 20630075  
Conc: 21.88 ng/ml



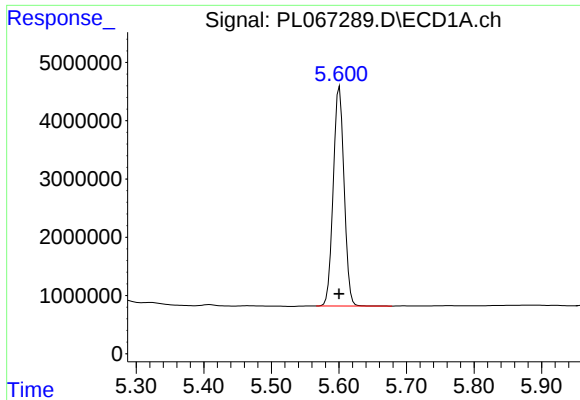
#2 alpha-BHC

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 44635750  
Conc: 60.69 ng/ml



#2 alpha-BHC

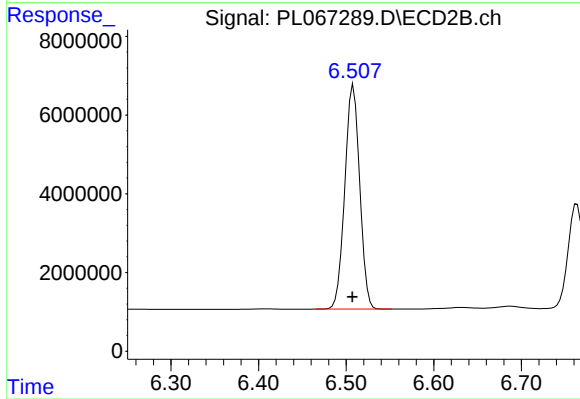
R.T.: 6.113 min  
Delta R.T.: 0.001 min  
Response: 71055860  
Conc: 57.47 ng/ml



#3 gamma-BHC (Lindane)

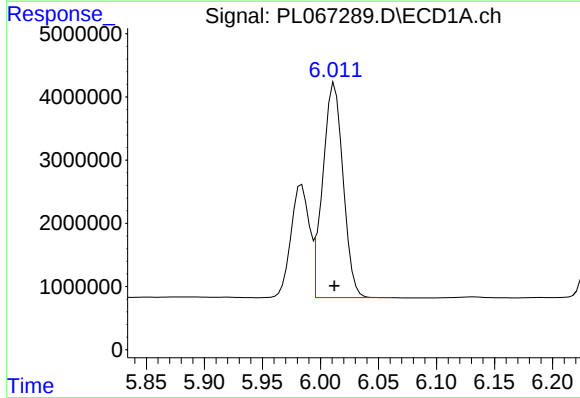
R.T.: 5.601 min  
Delta R.T.: 0.000 min  
Response: 42288106  
Conc: 56.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



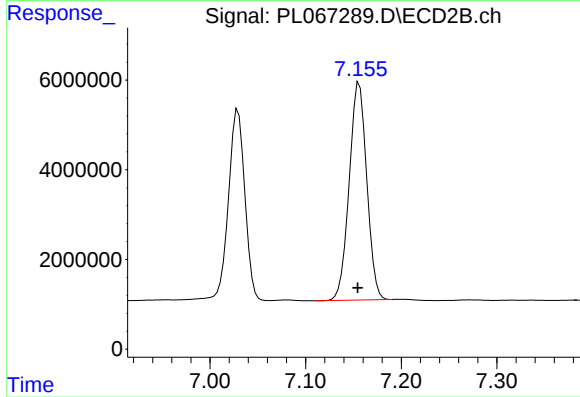
#3 gamma-BHC (Lindane)

R.T.: 6.508 min  
Delta R.T.: 0.001 min  
Response: 67306885  
Conc: 57.09 ng/ml



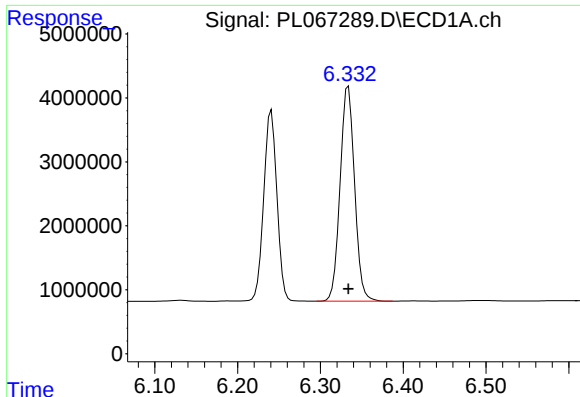
#4 Heptachlor

R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 41415310  
Conc: 54.91 ng/ml



#4 Heptachlor

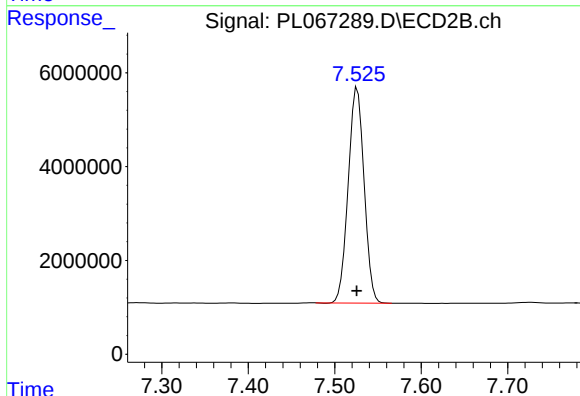
R.T.: 7.156 min  
Delta R.T.: 0.002 min  
Response: 62162096  
Conc: 55.74 ng/ml



#5 Aldrin

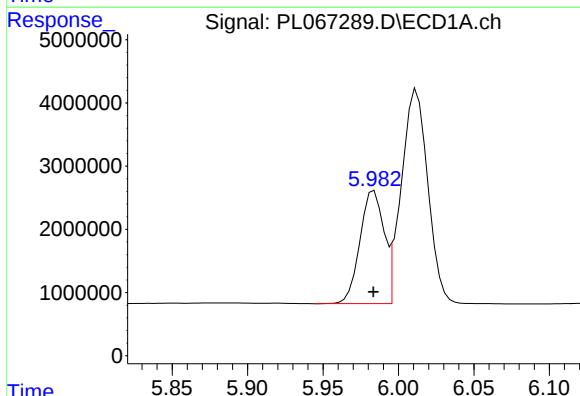
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 40816126  
Conc: 55.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



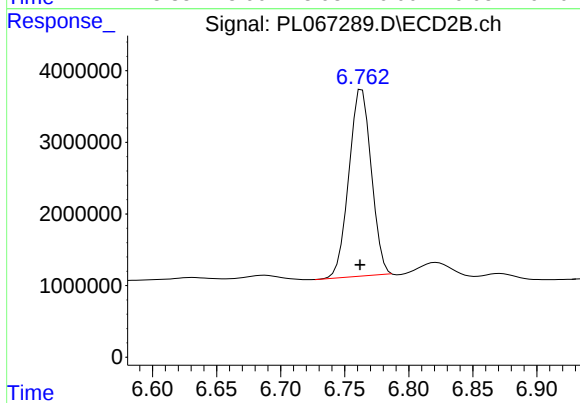
#5 Aldrin

R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 58500304  
Conc: 54.05 ng/ml



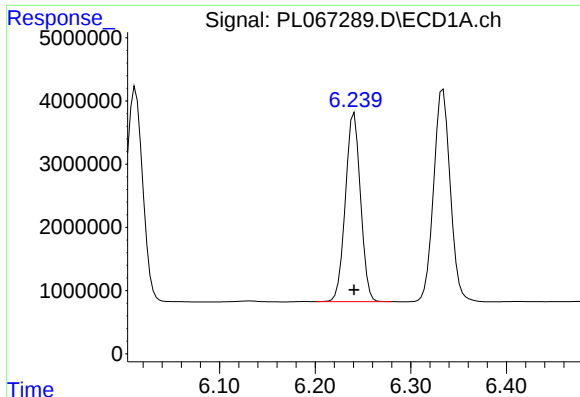
#6 beta-BHC

R.T.: 5.984 min  
Delta R.T.: 0.000 min  
Response: 19661405  
Conc: 54.95 ng/ml



#6 beta-BHC

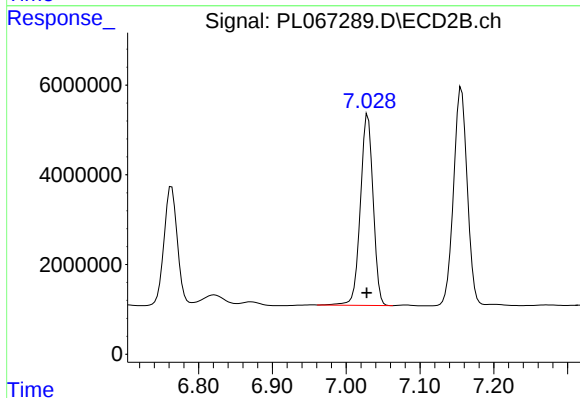
R.T.: 6.763 min  
Delta R.T.: 0.001 min  
Response: 31832522  
Conc: 58.62 ng/ml



#7 delta-BHC

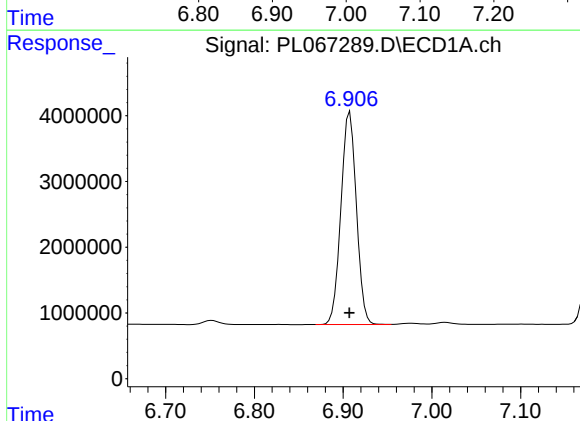
R.T.: 6.241 min  
Delta R.T.: 0.000 min  
Response: 32935707  
Conc: 44.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



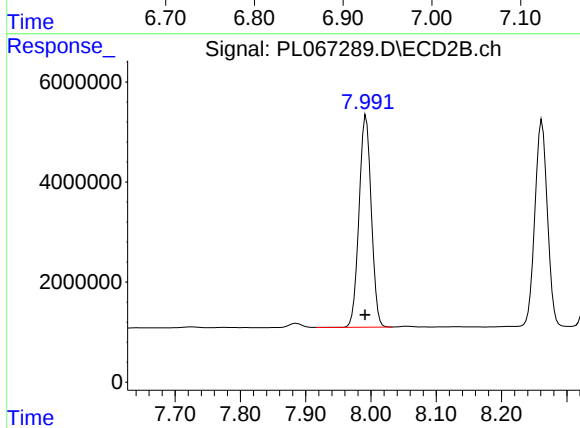
#7 delta-BHC

R.T.: 7.029 min  
Delta R.T.: 0.001 min  
Response: 51039805  
Conc: 43.42 ng/ml



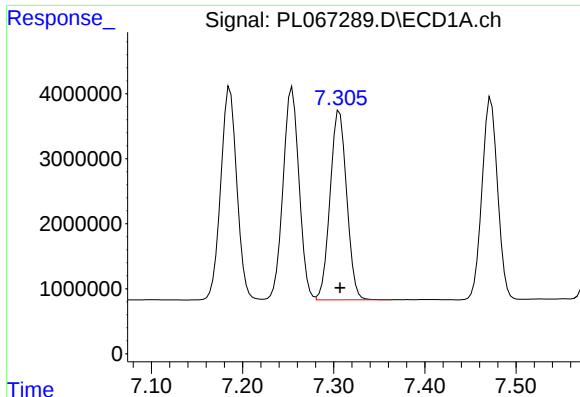
#8 Heptachlor epoxide

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 39194005  
Conc: 56.02 ng/ml



#8 Heptachlor epoxide

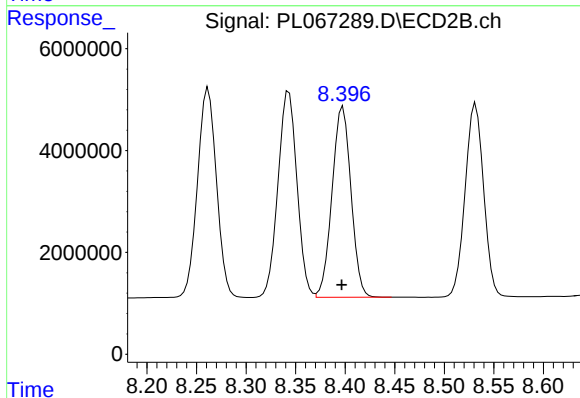
R.T.: 7.992 min  
Delta R.T.: 0.001 min  
Response: 55115476  
Conc: 55.02 ng/ml



#9 Endosulfan I

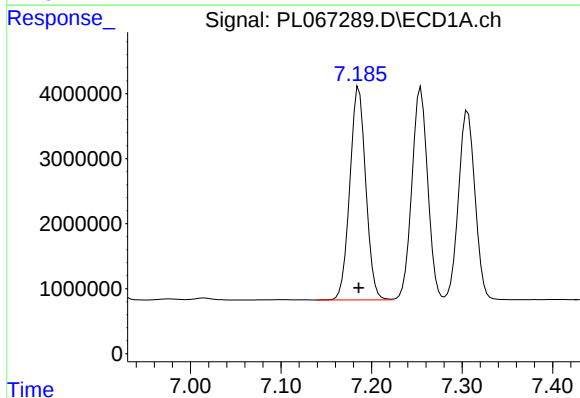
R.T.: 7.306 min  
Delta R.T.: 0.000 min  
Response: 36839970  
Conc: 54.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



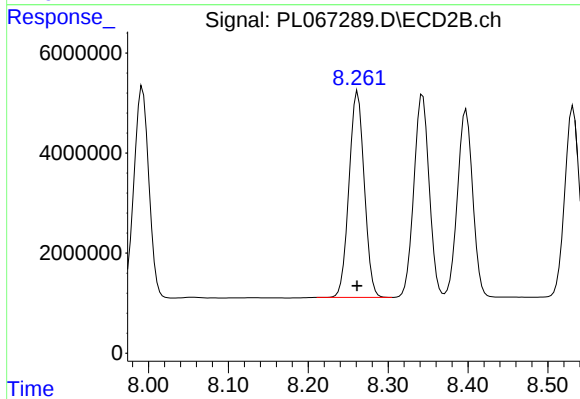
#9 Endosulfan I

R.T.: 8.398 min  
Delta R.T.: 0.001 min  
Response: 49786517  
Conc: 54.52 ng/ml



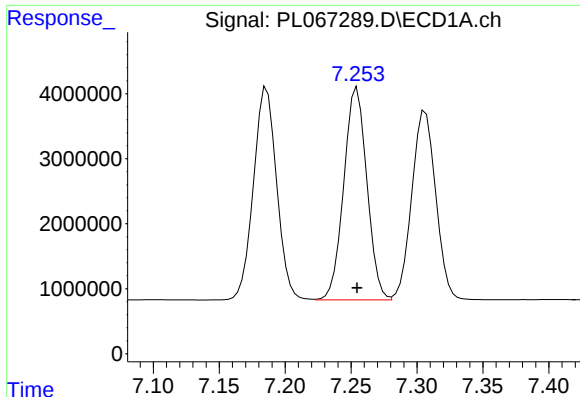
#10 gamma-Chlordane

R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 40158042  
Conc: 55.39 ng/ml



#10 gamma-Chlordane

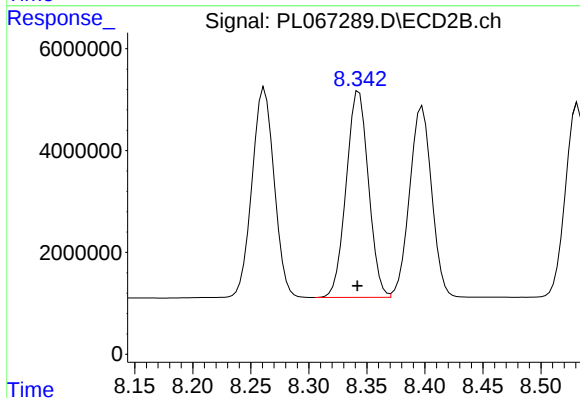
R.T.: 8.262 min  
Delta R.T.: 0.000 min  
Response: 54806651  
Conc: 54.28 ng/ml



#11 alpha-Chlordane

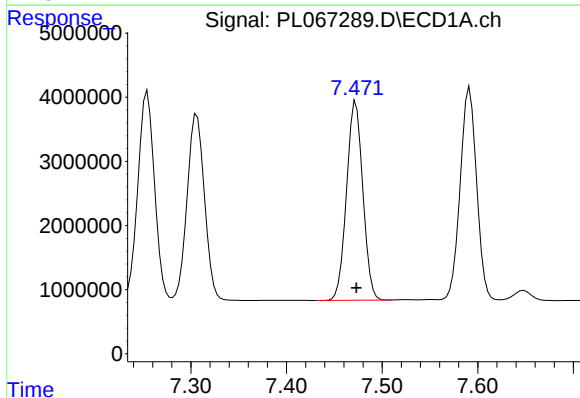
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 39826705  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



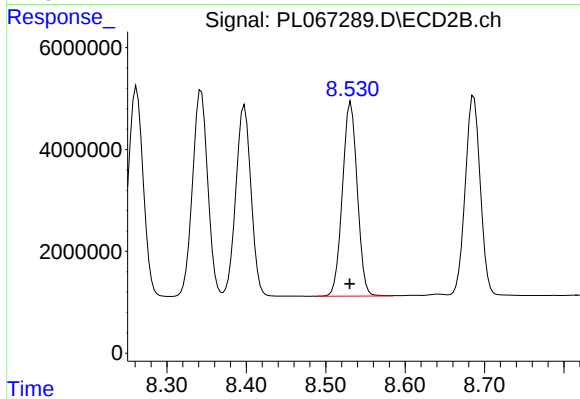
#11 alpha-Chlordane

R.T.: 8.343 min  
Delta R.T.: 0.001 min  
Response: 54137695  
Conc: 53.62 ng/ml



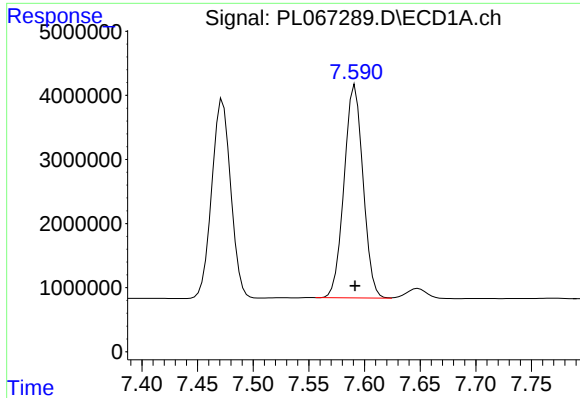
#12 4,4'-DDE

R.T.: 7.473 min  
Delta R.T.: 0.000 min  
Response: 36899705  
Conc: 55.46 ng/ml



#12 4,4'-DDE

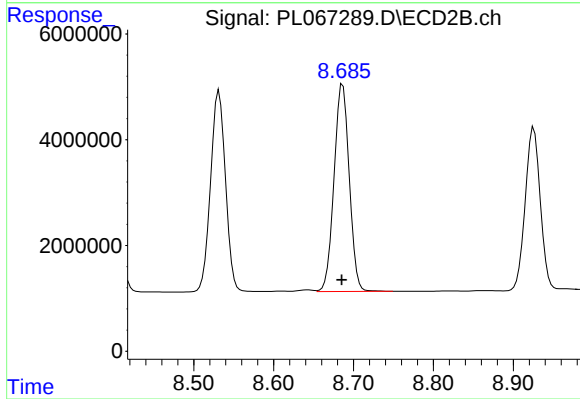
R.T.: 8.532 min  
Delta R.T.: 0.001 min  
Response: 49547513  
Conc: 54.69 ng/ml



#13 Dieldrin

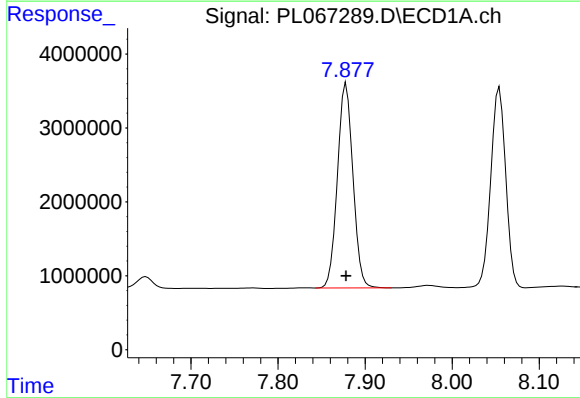
R.T.: 7.592 min  
Delta R.T.: 0.000 min  
Response: 39380555  
Conc: 56.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



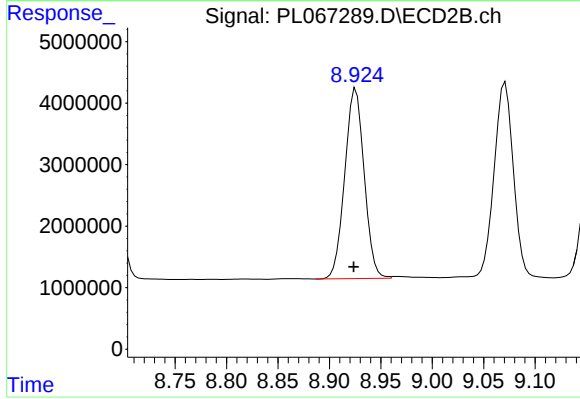
#13 Dieldrin

R.T.: 8.687 min  
Delta R.T.: 0.001 min  
Response: 51868392  
Conc: 57.11 ng/ml



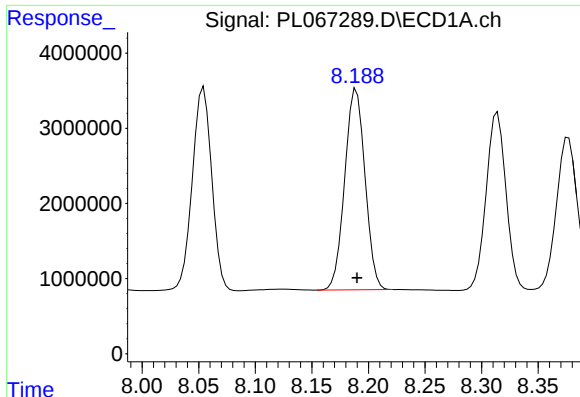
#14 Endrin

R.T.: 7.878 min  
Delta R.T.: 0.000 min  
Response: 34270267  
Conc: 52.27 ng/ml



#14 Endrin

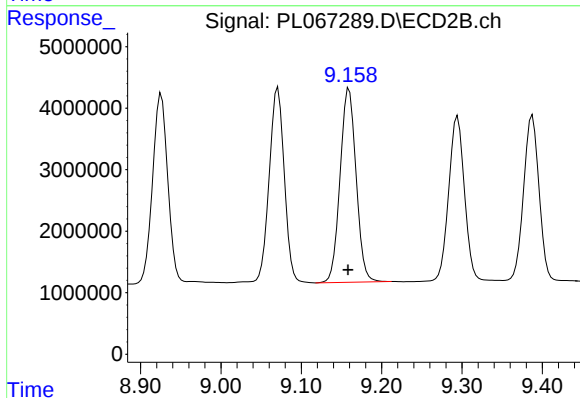
R.T.: 8.926 min  
Delta R.T.: 0.002 min  
Response: 40565201  
Conc: 53.03 ng/ml



#15 Endosulfan II

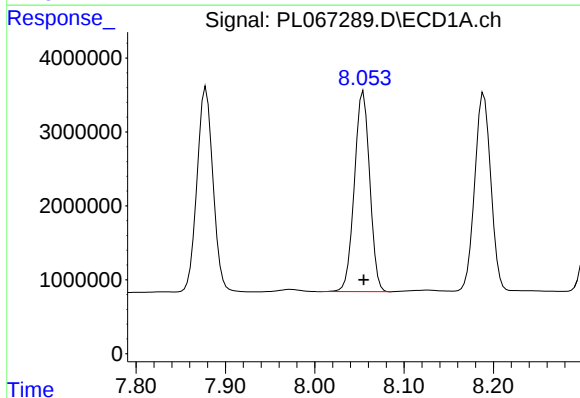
R.T.: 8.189 min  
Delta R.T.: 0.000 min  
Response: 33379829  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



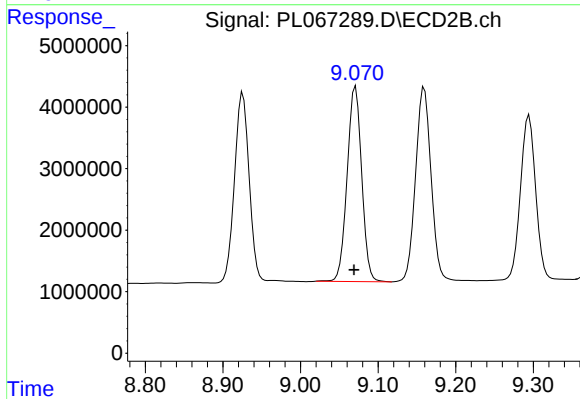
#15 Endosulfan II

R.T.: 9.160 min  
Delta R.T.: 0.001 min  
Response: 43662605  
Conc: 54.76 ng/ml



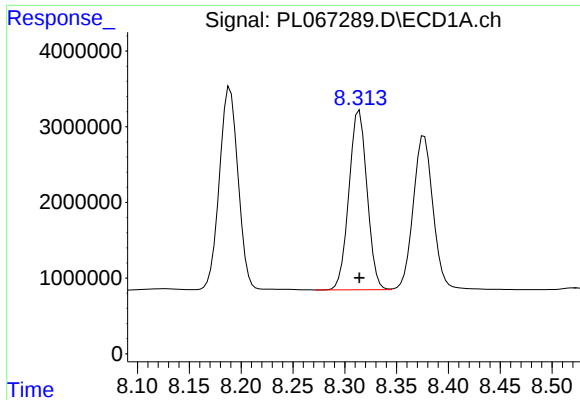
#16 4,4'-DDD

R.T.: 8.054 min  
Delta R.T.: 0.000 min  
Response: 32411134  
Conc: 55.76 ng/ml



#16 4,4'-DDD

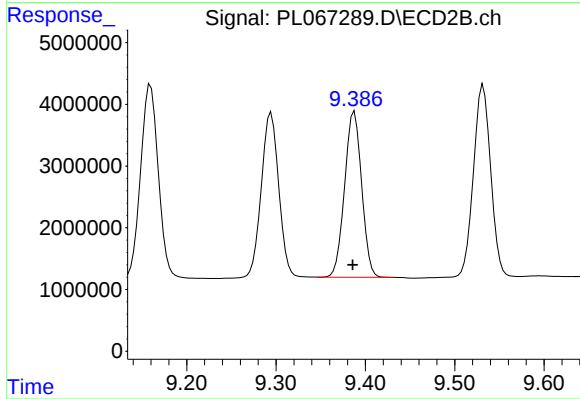
R.T.: 9.071 min  
Delta R.T.: 0.002 min  
Response: 41313832  
Conc: 58.09 ng/ml



#17 4,4'-DDT

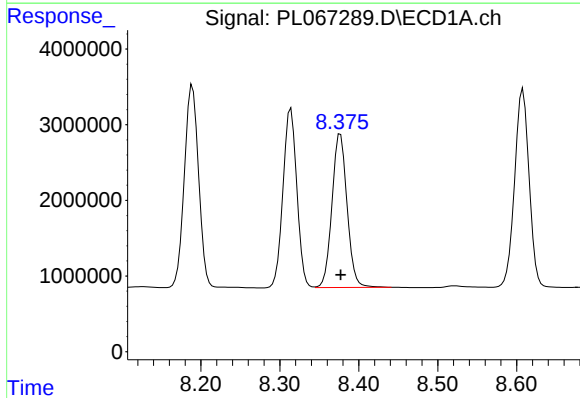
R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 28844371  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



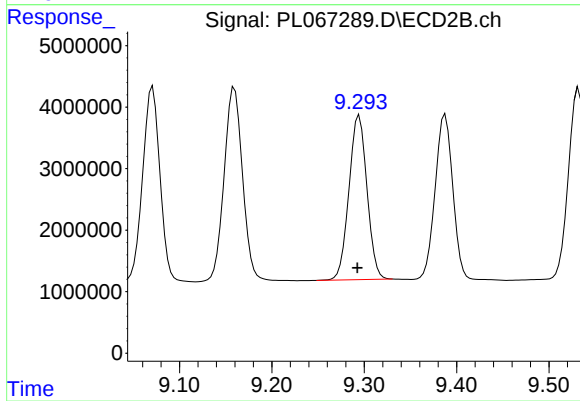
#17 4,4'-DDT

R.T.: 9.388 min  
Delta R.T.: 0.002 min  
Response: 35559386  
Conc: 48.50 ng/ml



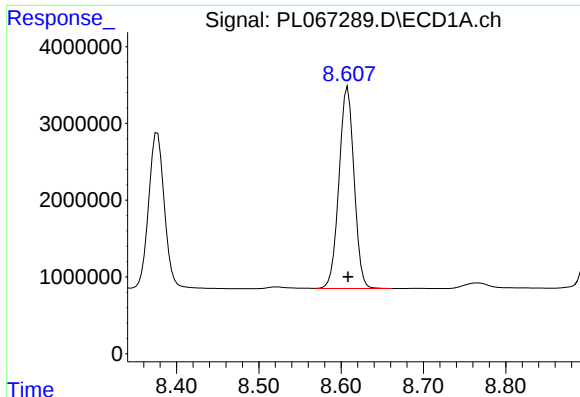
#18 Endrin aldehyde

R.T.: 8.377 min  
Delta R.T.: 0.000 min  
Response: 26948567  
Conc: 53.23 ng/ml



#18 Endrin aldehyde

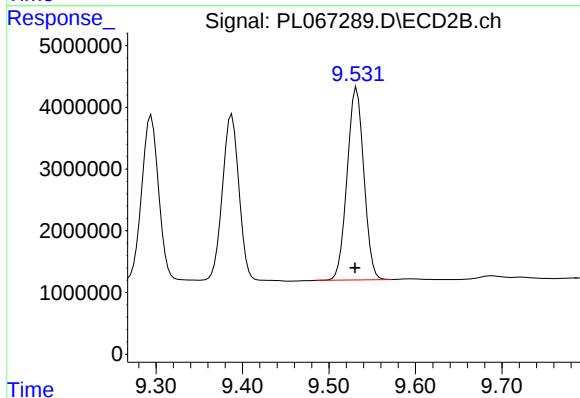
R.T.: 9.295 min  
Delta R.T.: 0.002 min  
Response: 36212657  
Conc: 56.70 ng/ml



#19 Endosulfan Sulfate

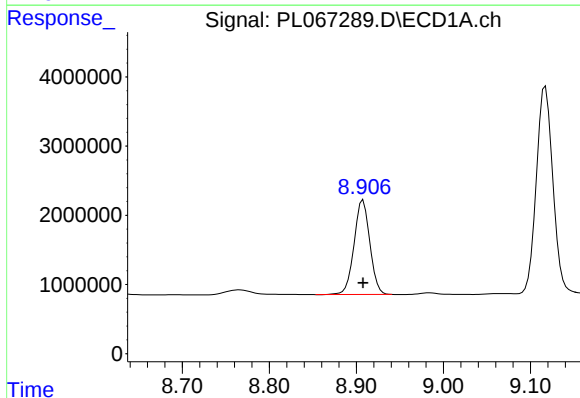
R.T.: 8.608 min  
Delta R.T.: 0.000 min  
Response: 33493429  
Conc: 52.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



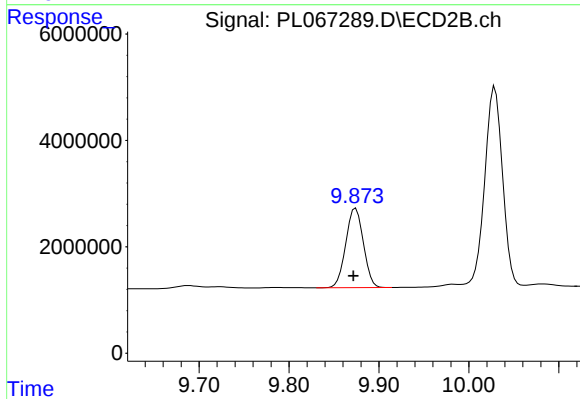
#19 Endosulfan Sulfate

R.T.: 9.532 min  
Delta R.T.: 0.002 min  
Response: 41718216  
Conc: 52.53 ng/ml



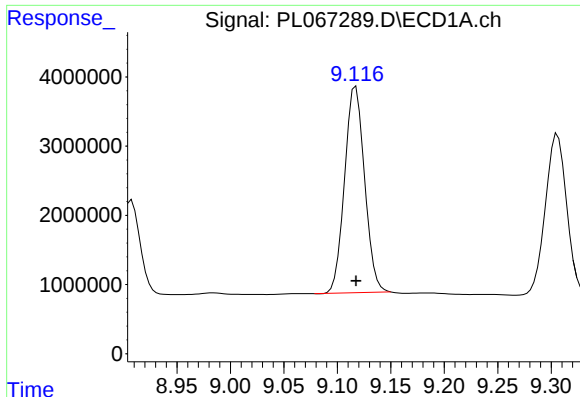
#20 Methoxychlor

R.T.: 8.908 min  
Delta R.T.: 0.000 min  
Response: 17248845  
Conc: 48.52 ng/ml



#20 Methoxychlor

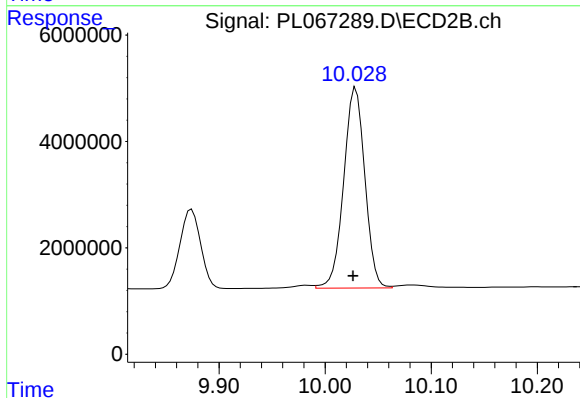
R.T.: 9.874 min  
Delta R.T.: 0.002 min  
Response: 20335785  
Conc: 52.30 ng/ml



#21 Endrin ketone

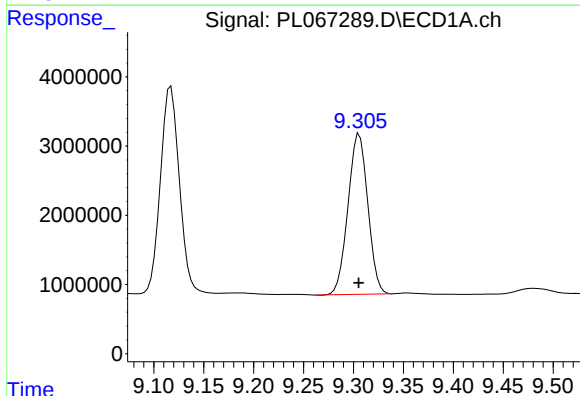
R.T.: 9.117 min  
Delta R.T.: 0.000 min  
Response: 38833068  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



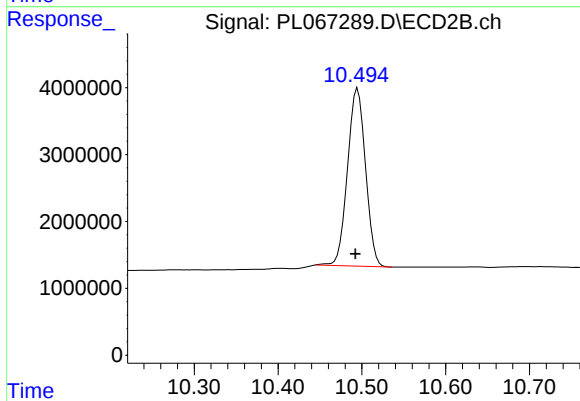
#21 Endrin ketone

R.T.: 10.029 min  
Delta R.T.: 0.002 min  
Response: 52178480  
Conc: 57.57 ng/ml



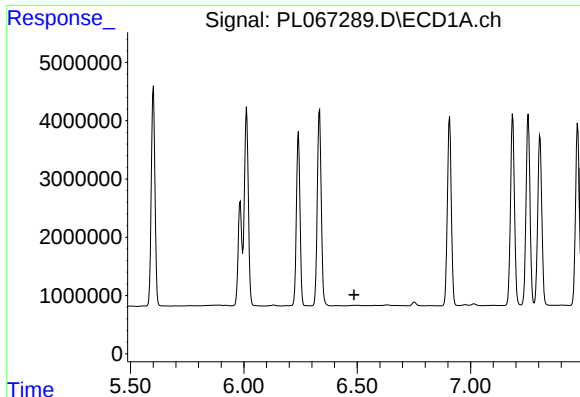
#22 Mirex

R.T.: 9.306 min  
Delta R.T.: 0.000 min  
Response: 32051010  
Conc: 50.89 ng/ml



#22 Mirex

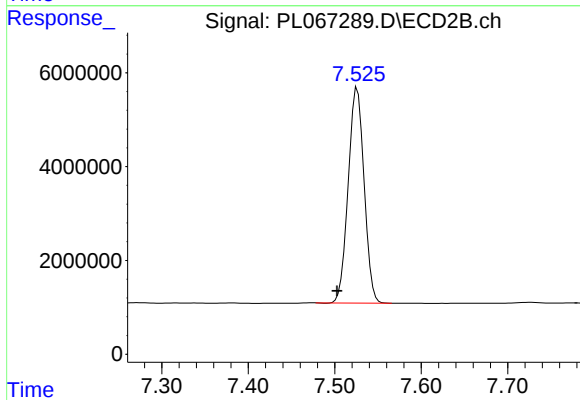
R.T.: 10.495 min  
Delta R.T.: 0.003 min  
Response: 39699818  
Conc: 52.51 ng/ml



#24 Chlordane-2

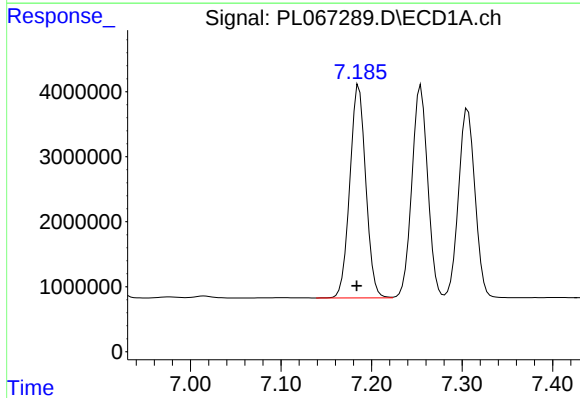
R.T.: 0.000 min  
Exp R.T.: 6.486 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



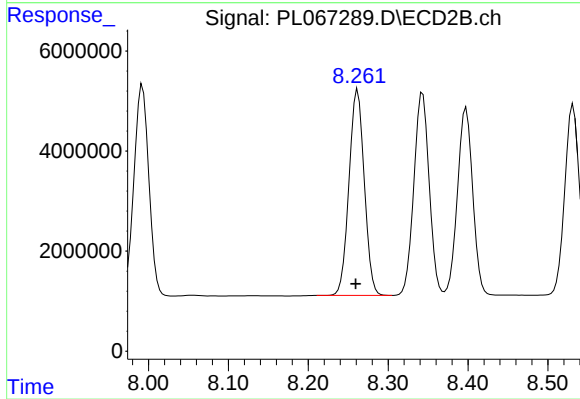
#24 Chlordane-2

R.T.: 7.526 min  
Delta R.T.: 0.023 min  
Response: 58500304  
Conc: 1605.11 ng/ml



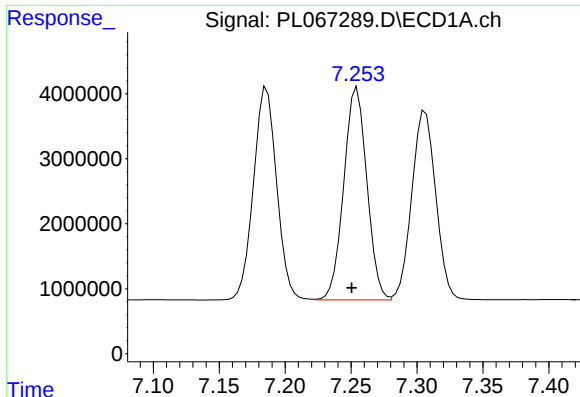
#25 Chlordane-3

R.T.: 7.186 min  
Delta R.T.: 0.002 min  
Response: 40158042  
Conc: 597.67 ng/ml



#25 Chlordane-3

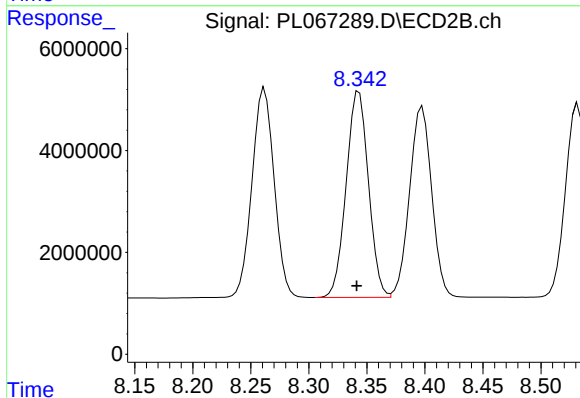
R.T.: 8.262 min  
Delta R.T.: 0.003 min  
Response: 54806651  
Conc: 409.50 ng/ml



#26 Chlordane-4

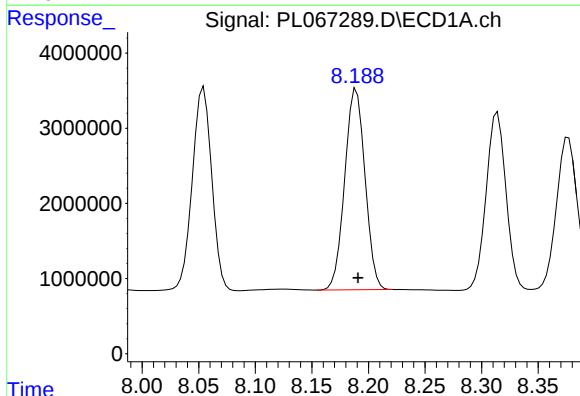
R.T.: 7.255 min  
Delta R.T.: 0.004 min  
Response: 39826705  
Conc: 544.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



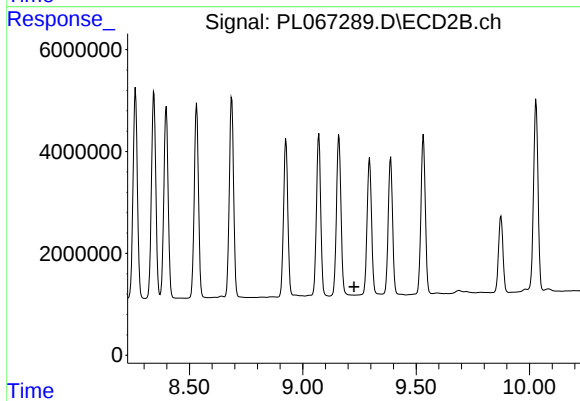
#26 Chlordane-4

R.T.: 8.343 min  
Delta R.T.: 0.002 min  
Response: 54137695  
Conc: 333.98 ng/ml



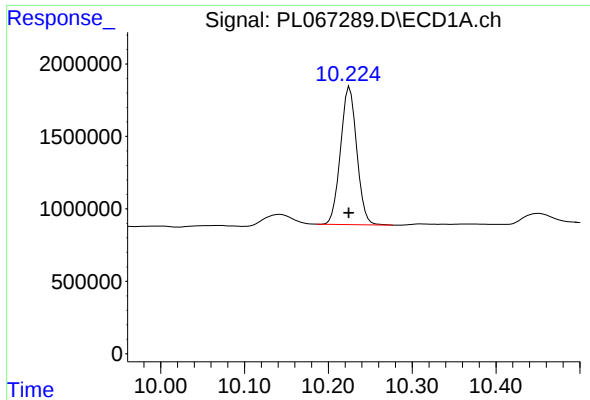
#27 Chlordane-5

R.T.: 8.189 min  
Delta R.T.: -0.002 min  
Response: 33379829  
Conc: 1525.65 ng/ml



#27 Chlordane-5

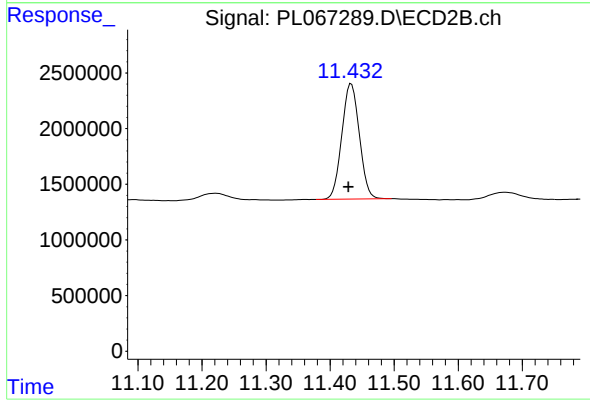
R.T.: 0.000 min  
Exp R.T.: 9.227 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.225 min  
Delta R.T.: 0.001 min  
Response: 12795201  
Conc: 18.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.433 min  
Delta R.T.: 0.004 min  
Response: 19659003  
Conc: 19.74 ng/ml