

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072621\  
 Data File : PL068453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2021 09:41  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 23:11:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.646  | 5.570  | 18507905 | 49974947 | 43.124  | 48.975    |
| 28)                         | SA Decachlor... | 10.421 | 11.495 | 29059069 | 43680454 | 51.668  | 48.970    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 6.150  | 0        | 1439489  | N.D.    | 1.059 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 6.563f | 0        | 186375   | N.D.    | 0.144 #   |
| 4)                          | MA Heptachlor   | 6.188  | 7.196  | 14095243 | 22832551 | 23.125  | 17.519    |
| 5)                          | MB Aldrin       | 0.000  | 7.546f | 0        | 12279768 | N.D.    | 10.350 #  |
| 6)                          | B beta-BHC      | 0.000  | 6.826f | 0        | 15248370 | N.D.    | 21.584 #  |
| 7)                          | B delta-BHC     | 6.405  | 0.000  | 1005064  | 0        | 1.799   | N.D. #    |
| 8)                          | B Heptachlo...  | 0.000  | 8.020  | 0        | 12481603 | N.D.    | 11.040 #  |
| 9)                          | A Endosulfan I  | 7.490  | 8.435  | 2361940  | 252968   | 4.471   | 0.246 #   |
| 10)                         | B gamma-Chl...  | 7.367  | 8.303  | 26241146 | 63582803 | 45.735  | 56.457    |
| 11)                         | B alpha-Chl...  | 7.436  | 8.385  | 29728829 | 90988129 | 51.761  | 80.899 #  |
| 12)                         | B 4,4'-DDE      | 7.675f | 8.554f | 558579   | 659345   | 1.108   | 0.640 #   |
| 13)                         | MA Dieldrin     | 7.758f | 8.721  | 926336   | 3125401  | 1.721   | 2.947 #   |
| 14)                         | MA Endrin       | 8.079  | 8.991f | 3265967  | 1879775  | 6.531   | 2.102 #   |
| 15)                         | B Endosulfa...  | 8.386  | 9.210  | 11077971 | 952390   | 22.438  | 1.051 #   |
| 18)                         | B Endrin al...  | 0.000  | 9.321  | 0        | 253744   | N.D.    | 0.352 #   |
| 19)                         | B Endosulfa...  | 8.804  | 9.572  | 461284   | 233446   | 0.878   | 0.259 #   |
| 23)                         | Chlordane-1     | 5.977  | 6.955  | 8413945  | 17333122 | 559.354 | 427.875   |
| 24)                         | Chlordane-2     | 6.666  | 7.546  | 11403141 | 12279768 | 531.687 | 295.151 # |
| 25)                         | Chlordane-3     | 7.367  | 8.303  | 26241146 | 63582803 | 487.266 | 410.557   |
| 26)                         | Chlordane-4     | 7.436  | 8.385  | 29728829 | 90988129 | 526.549 | 485.320   |
| 27)                         | Chlordane-5     | 8.386  | 9.273  | 11077971 | 15440225 | 550.424 | 481.743   |
| -----                       |                 |        |        |          |          |         |           |

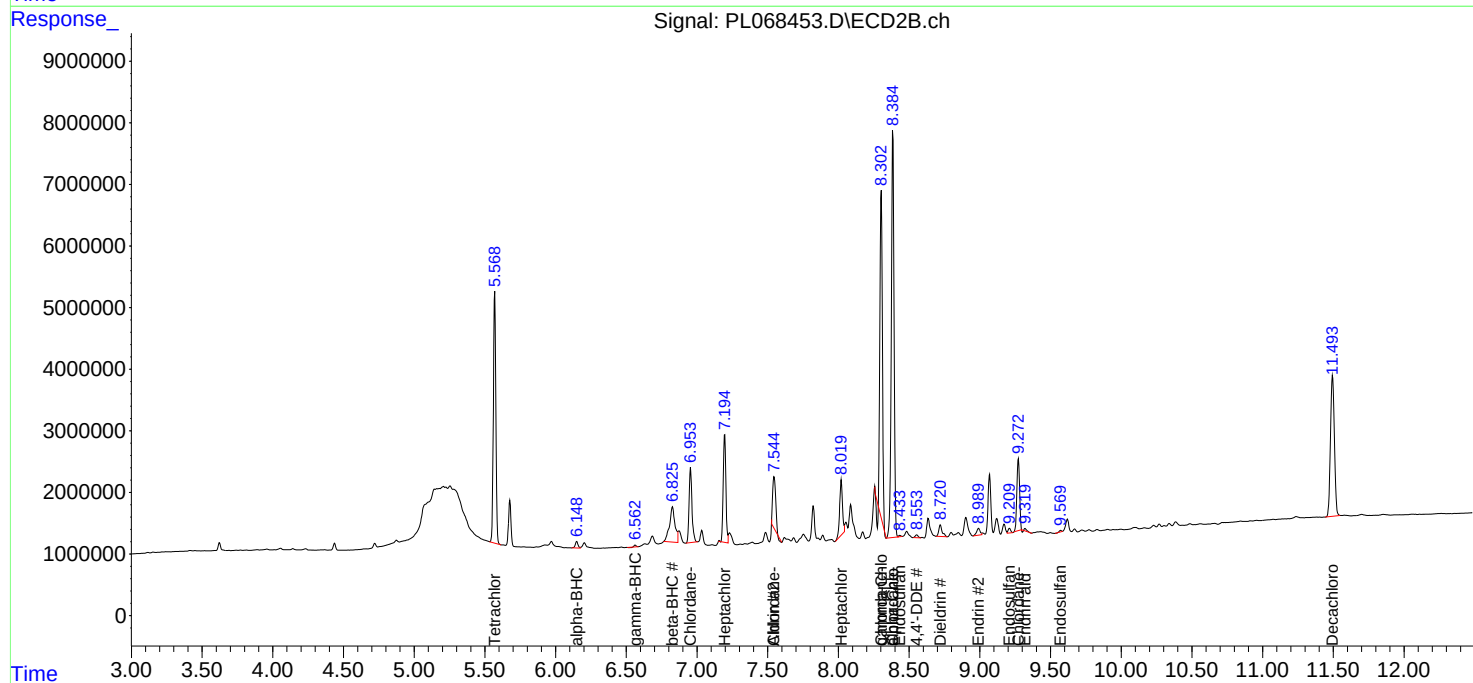
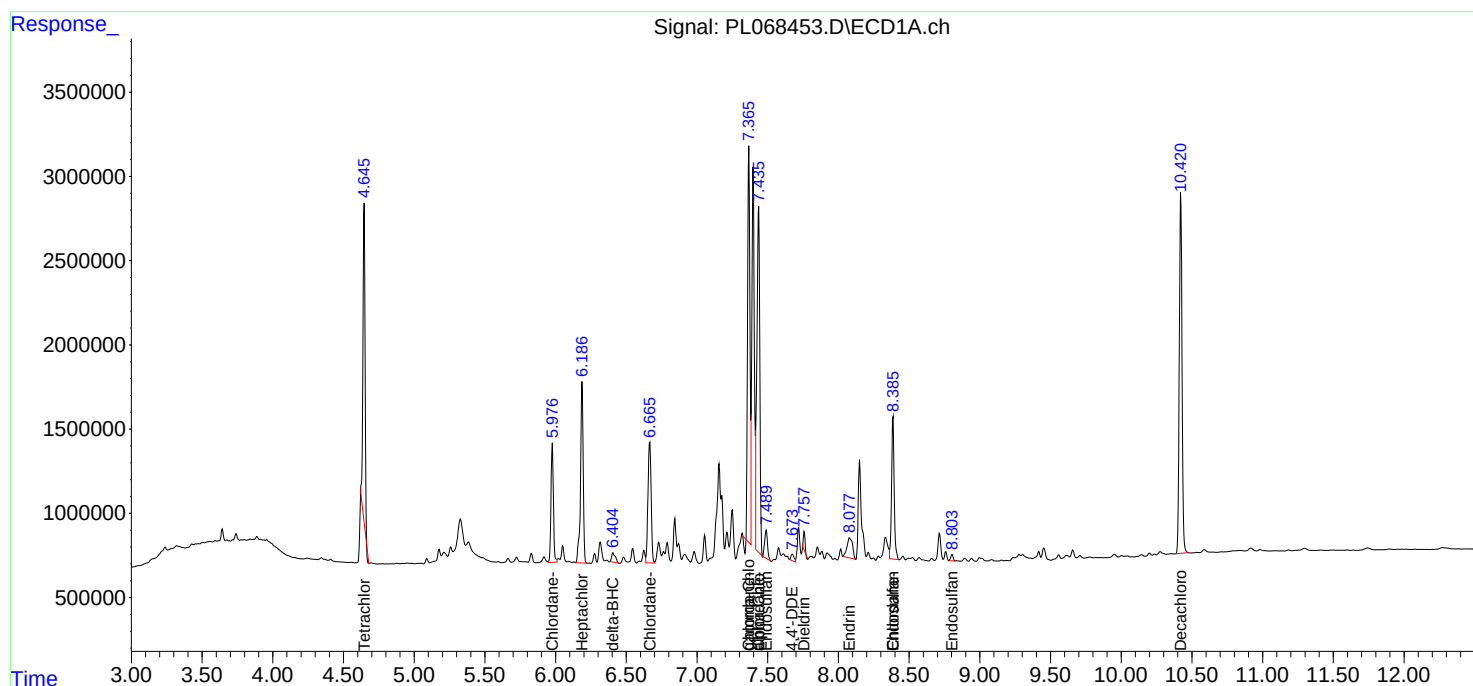
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

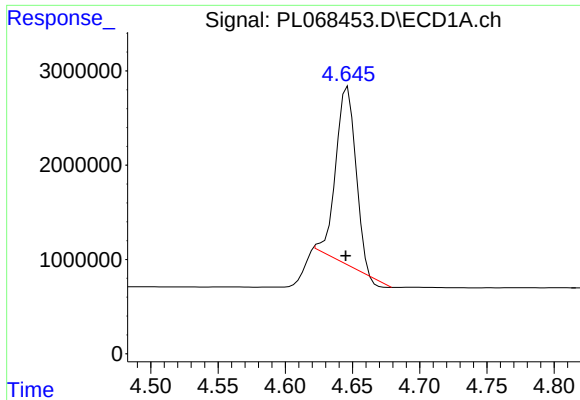
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072621\  
Data File : PL068453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2021 09:41  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 23:11:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 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

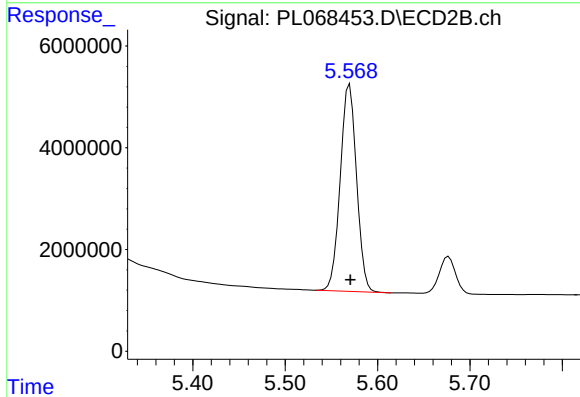




#1 Tetrachloro-m-xylene

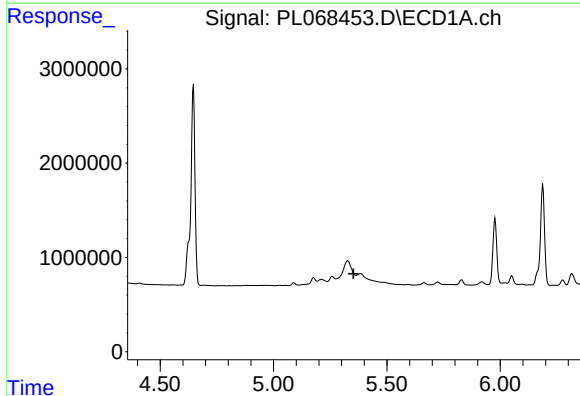
R.T.: 4.646 min  
Delta R.T.: 0.001 min  
Response: 18507905  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



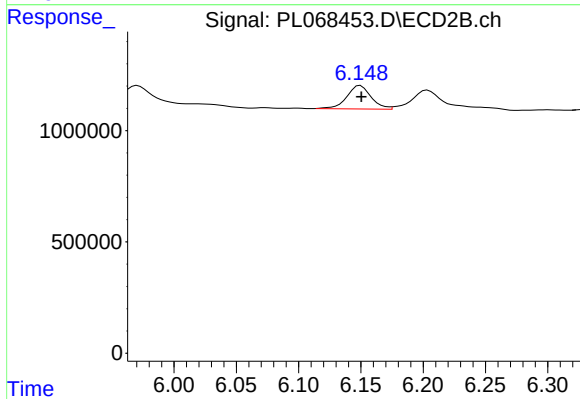
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 49974947  
Conc: 48.97 ng/ml



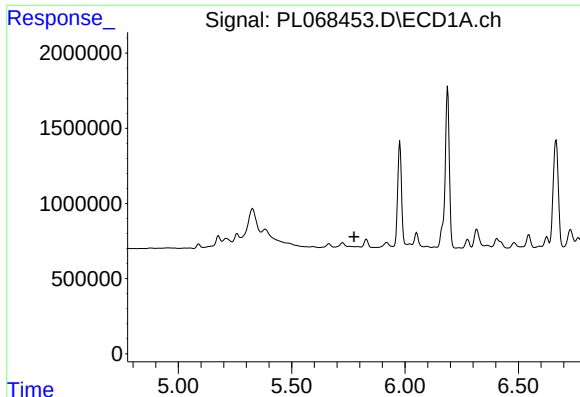
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.353 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

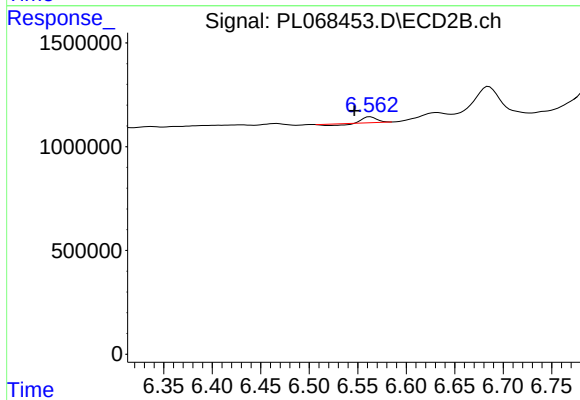
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 1439489  
Conc: 1.06 ng/ml



#3 gamma-BHC (Lindane)

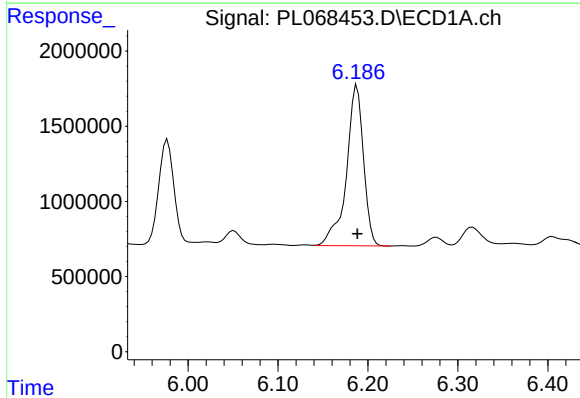
R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



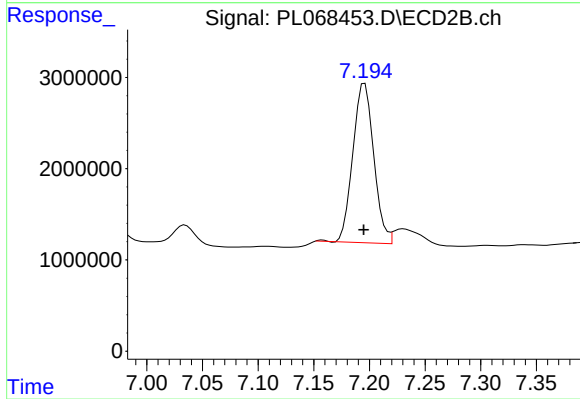
#3 gamma-BHC (Lindane)

R.T.: 6.563 min  
Delta R.T.: 0.017 min  
Response: 186375  
Conc: 0.14 ng/ml



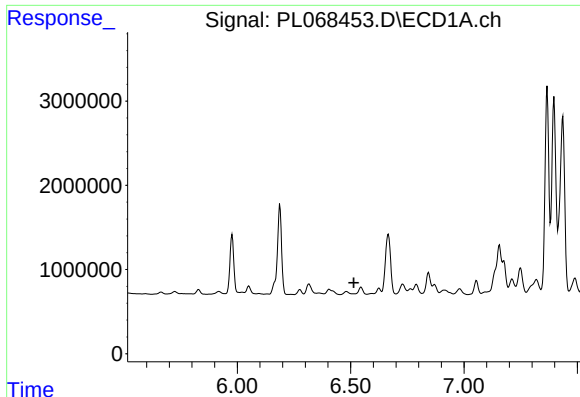
#4 Heptachlor

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 14095243  
Conc: 23.13 ng/ml



#4 Heptachlor

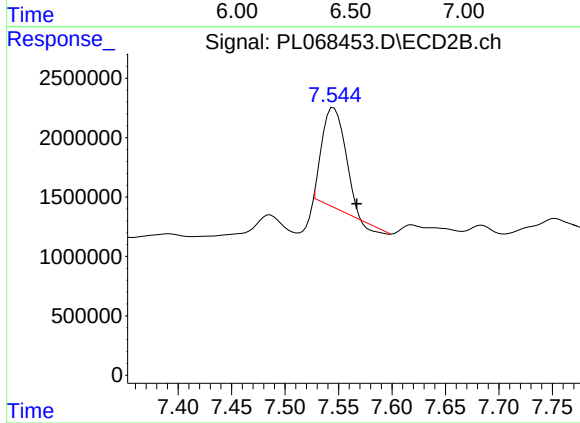
R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 22832551  
Conc: 17.52 ng/ml



#5 Aldrin

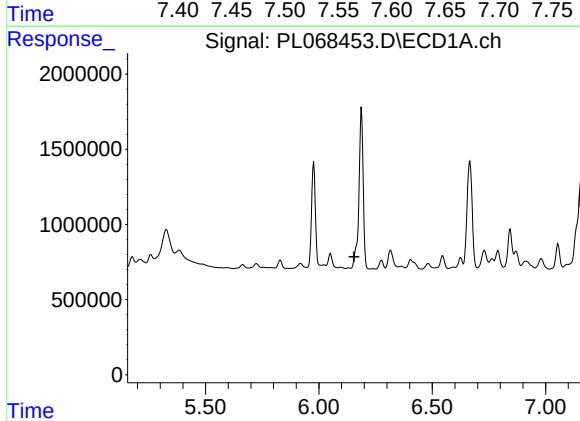
R.T.: 0.000 min  
Exp R.T.: 6.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



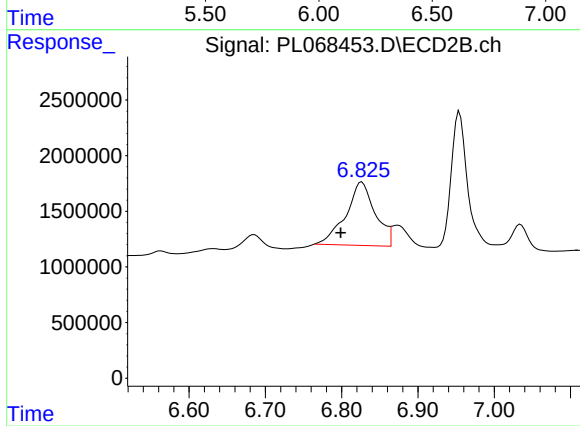
#5 Aldrin

R.T.: 7.546 min  
Delta R.T.: -0.021 min  
Response: 12279768  
Conc: 10.35 ng/ml



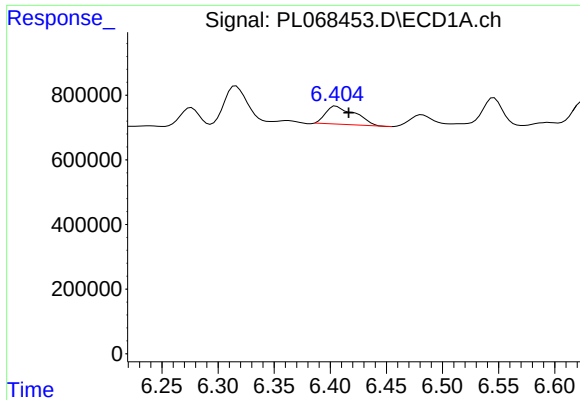
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 6.155 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

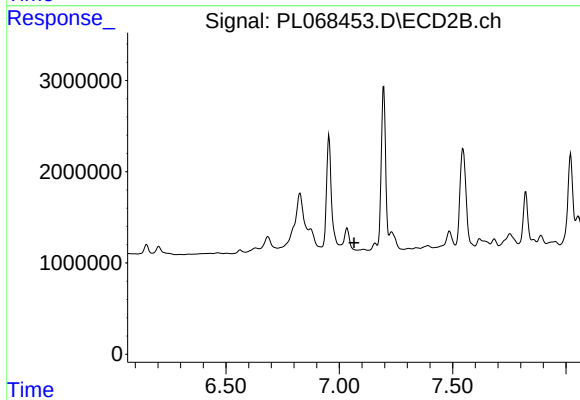
R.T.: 6.826 min  
Delta R.T.: 0.028 min  
Response: 15248370  
Conc: 21.58 ng/ml



#7 delta-BHC

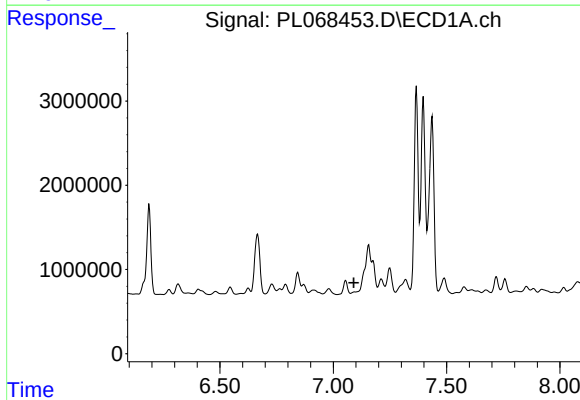
R.T.: 6.405 min  
Delta R.T.: -0.011 min  
Response: 1005064  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



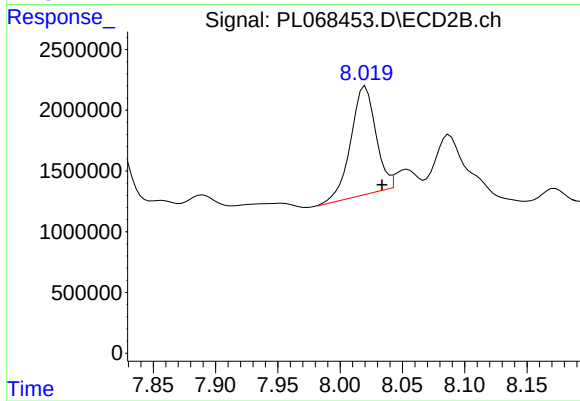
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 7.065 min  
Response: 0  
Conc: N.D.



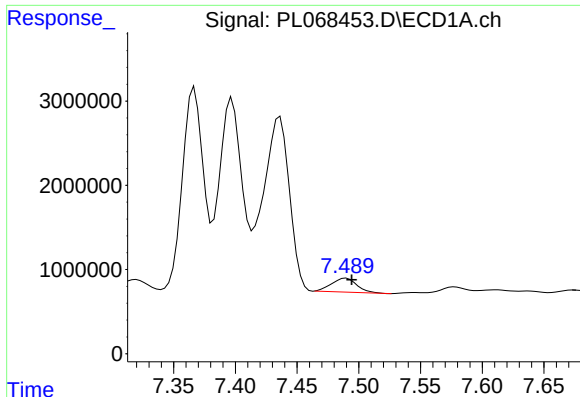
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 7.091 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

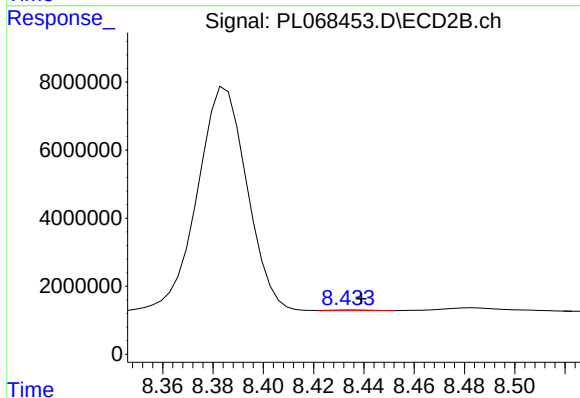
R.T.: 8.020 min  
Delta R.T.: -0.013 min  
Response: 12481603  
Conc: 11.04 ng/ml



#9 Endosulfan I

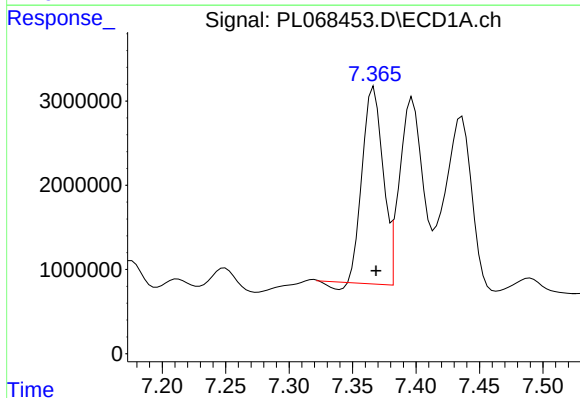
R.T.: 7.490 min  
Delta R.T.: -0.004 min  
Response: 2361940  
Conc: 4.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



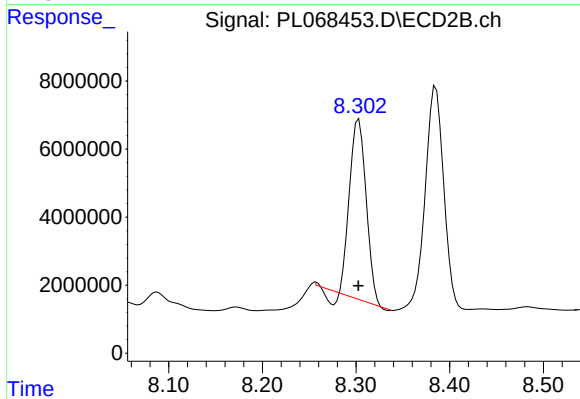
#9 Endosulfan I

R.T.: 8.435 min  
Delta R.T.: -0.004 min  
Response: 252968  
Conc: 0.25 ng/ml



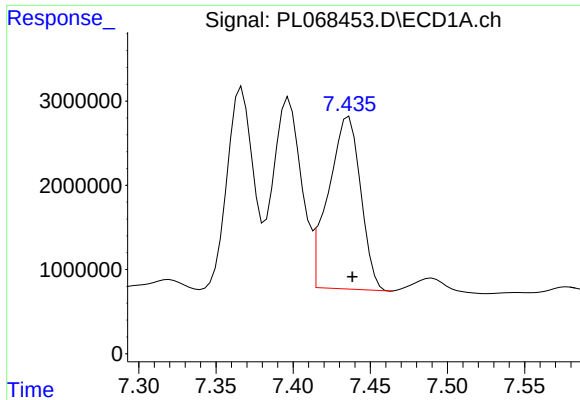
#10 gamma-Chlordane

R.T.: 7.367 min  
Delta R.T.: -0.002 min  
Response: 26241146  
Conc: 45.73 ng/ml



#10 gamma-Chlordane

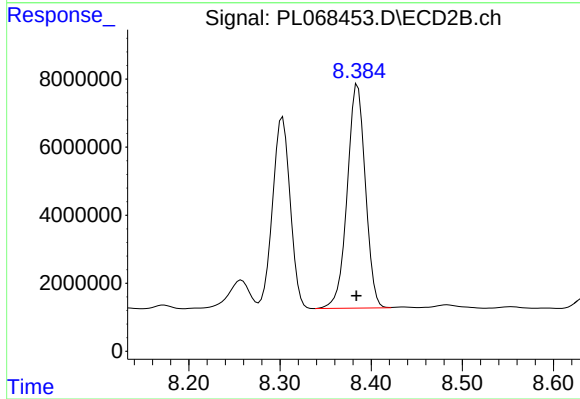
R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 63582803  
Conc: 56.46 ng/ml



#11 alpha-Chlordane

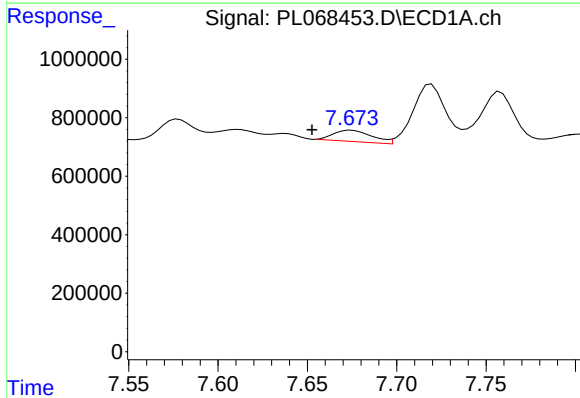
R.T.: 7.436 min  
Delta R.T.: -0.002 min  
Response: 29728829  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



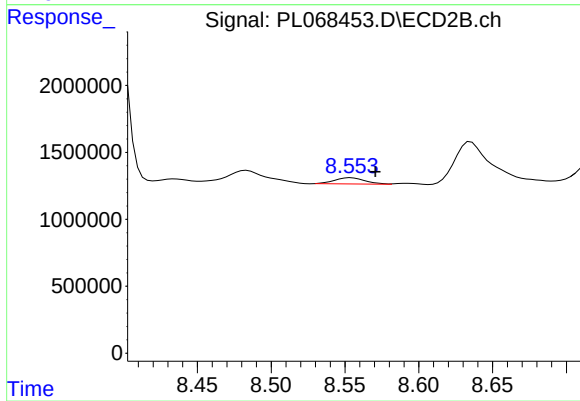
#11 alpha-Chlordane

R.T.: 8.385 min  
Delta R.T.: 0.002 min  
Response: 90988129  
Conc: 80.90 ng/ml



#12 4,4'-DDE

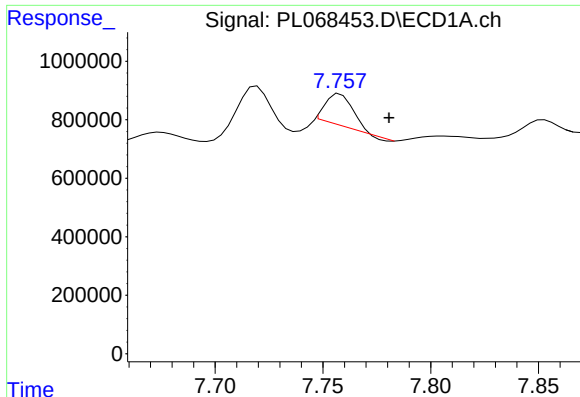
R.T.: 7.675 min  
Delta R.T.: 0.022 min  
Response: 558579  
Conc: 1.11 ng/ml



#12 4,4'-DDE

R.T.: 8.554 min  
Delta R.T.: -0.016 min  
Response: 659345  
Conc: 0.64 ng/ml

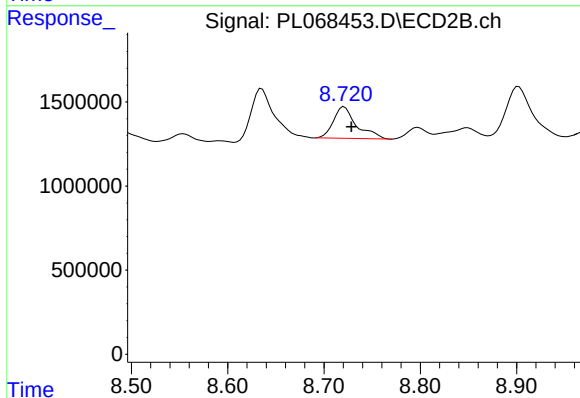




#13 Dieldrin

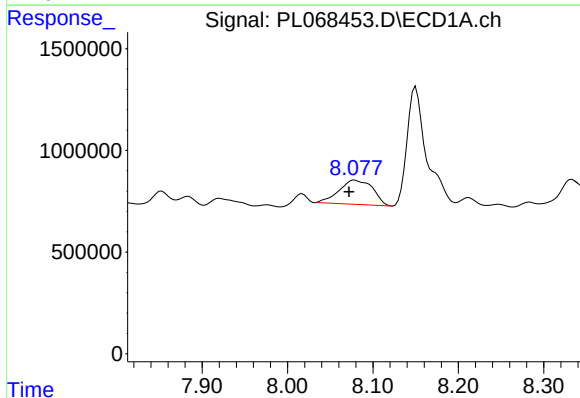
R.T.: 7.758 min  
Delta R.T.: -0.023 min  
Response: 926336  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



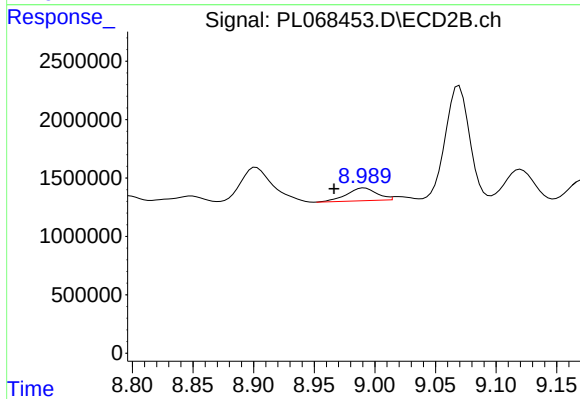
#13 Dieldrin

R.T.: 8.721 min  
Delta R.T.: -0.007 min  
Response: 3125401  
Conc: 2.95 ng/ml



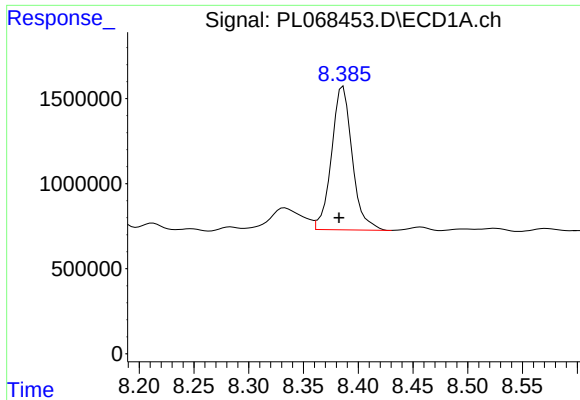
#14 Endrin

R.T.: 8.079 min  
Delta R.T.: 0.007 min  
Response: 3265967  
Conc: 6.53 ng/ml



#14 Endrin

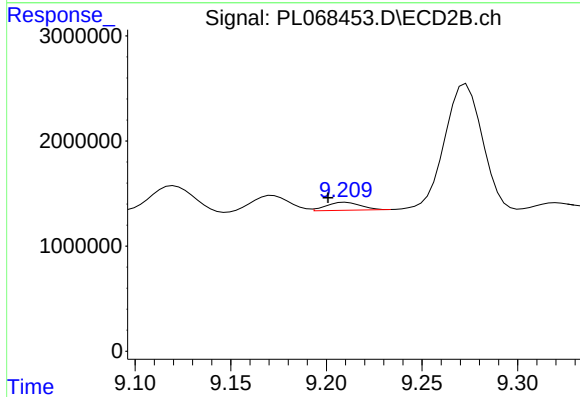
R.T.: 8.991 min  
Delta R.T.: 0.025 min  
Response: 1879775  
Conc: 2.10 ng/ml



#15 Endosulfan II

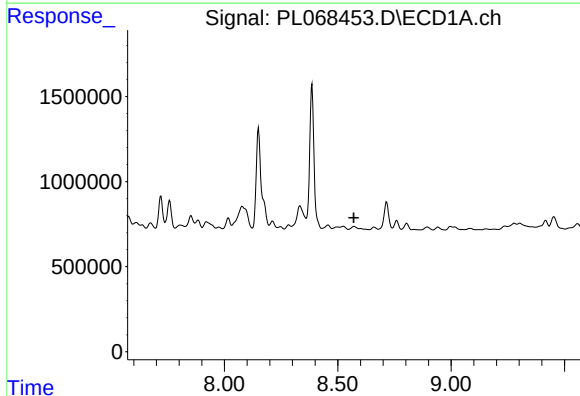
R.T.: 8.386 min  
Delta R.T.: 0.004 min  
Response: 11077971  
Conc: 22.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



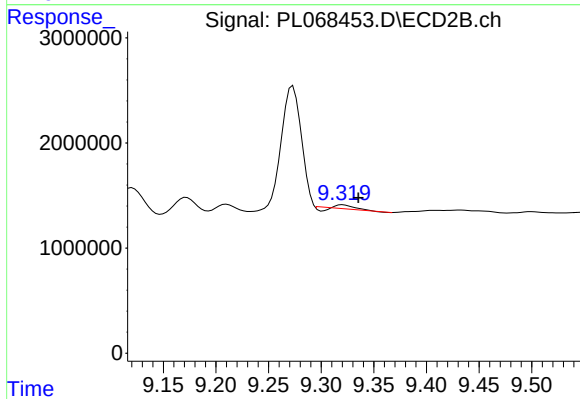
#15 Endosulfan II

R.T.: 9.210 min  
Delta R.T.: 0.009 min  
Response: 952390  
Conc: 1.05 ng/ml



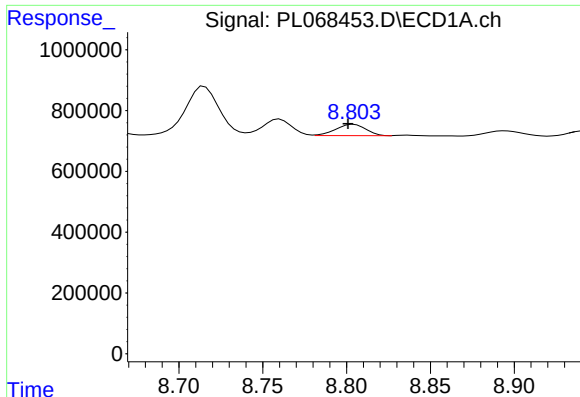
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 8.571 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

R.T.: 9.321 min  
Delta R.T.: -0.015 min  
Response: 253744  
Conc: 0.35 ng/ml



#19 Endosulfan Sulfate

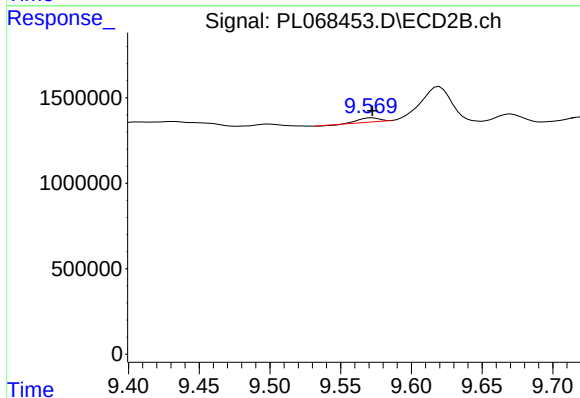
R.T.: 8.804 min

Delta R.T.: 0.003 min

Response: 461284

Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



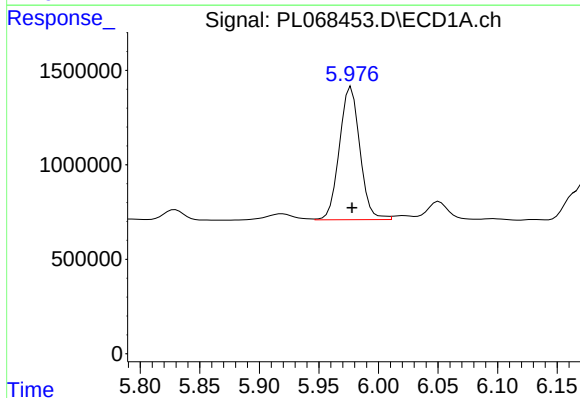
#19 Endosulfan Sulfate

R.T.: 9.572 min

Delta R.T.: 0.000 min

Response: 233446

Conc: 0.26 ng/ml



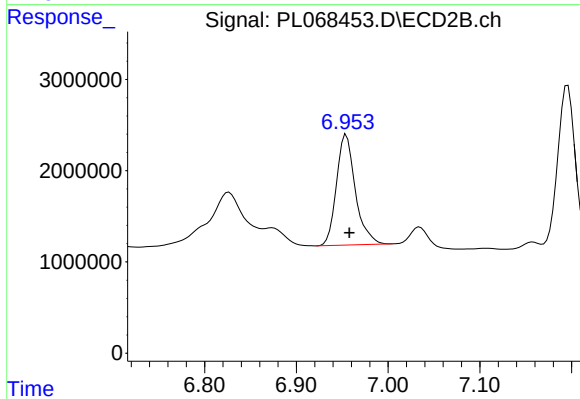
#23 Chlordane-1

R.T.: 5.977 min

Delta R.T.: 0.000 min

Response: 8413945

Conc: 559.35 ng/ml



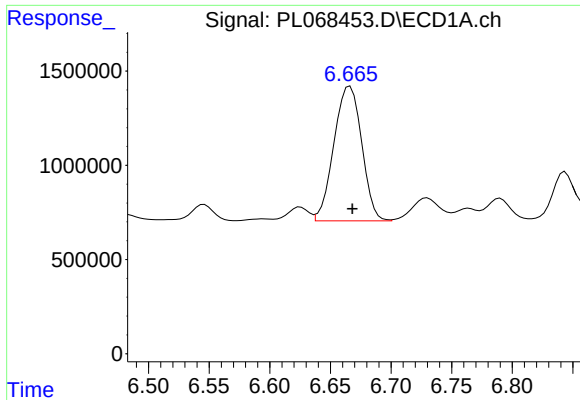
#23 Chlordane-1

R.T.: 6.955 min

Delta R.T.: -0.003 min

Response: 17333122

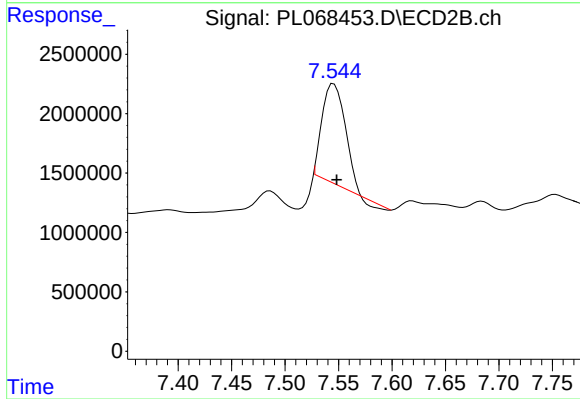
Conc: 427.87 ng/ml



#24 Chlordane-2

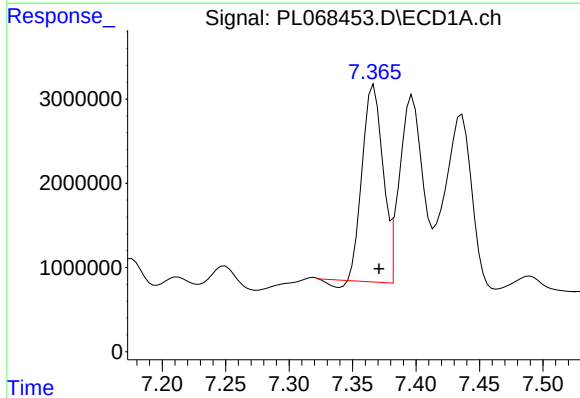
R.T.: 6.666 min  
Delta R.T.: -0.002 min  
Response: 11403141  
Conc: 531.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



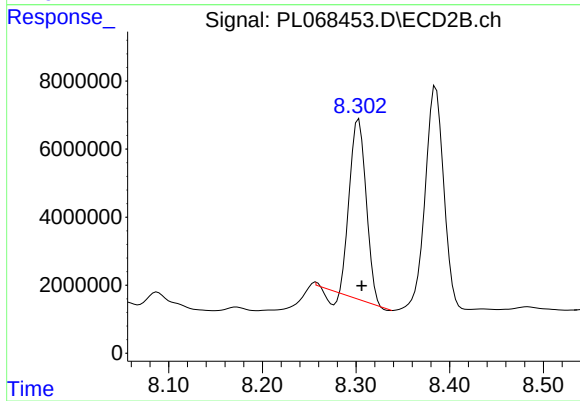
#24 Chlordane-2

R.T.: 7.546 min  
Delta R.T.: -0.003 min  
Response: 12279768  
Conc: 295.15 ng/ml



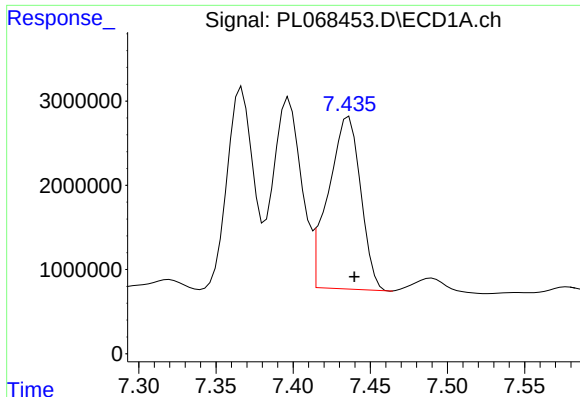
#25 Chlordane-3

R.T.: 7.367 min  
Delta R.T.: -0.004 min  
Response: 26241146  
Conc: 487.27 ng/ml



#25 Chlordane-3

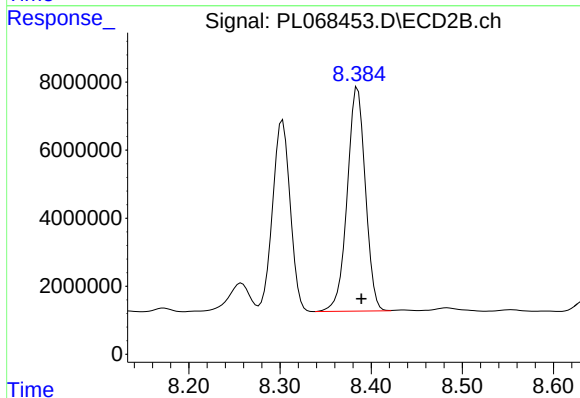
R.T.: 8.303 min  
Delta R.T.: -0.003 min  
Response: 63582803  
Conc: 410.56 ng/ml



#26 Chlordane-4

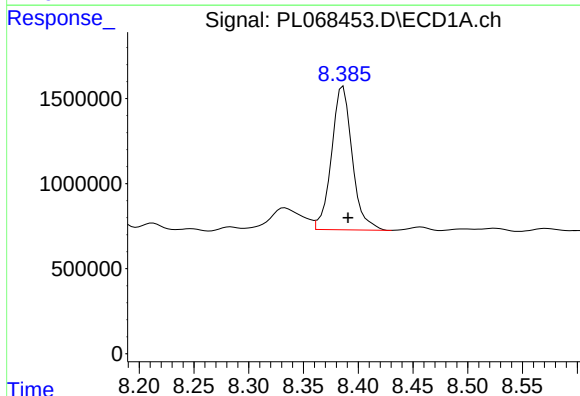
R.T.: 7.436 min  
Delta R.T.: -0.004 min  
Response: 29728829  
Conc: 526.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



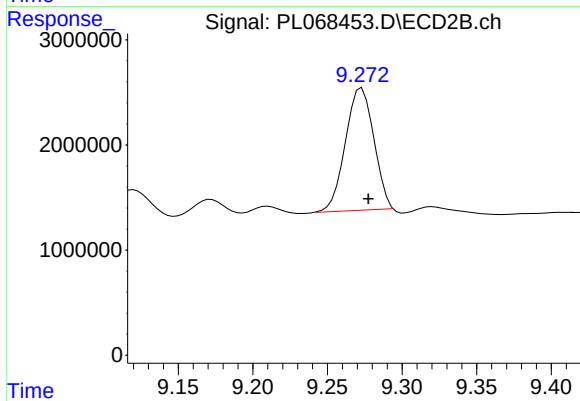
#26 Chlordane-4

R.T.: 8.385 min  
Delta R.T.: -0.004 min  
Response: 90988129  
Conc: 485.32 ng/ml



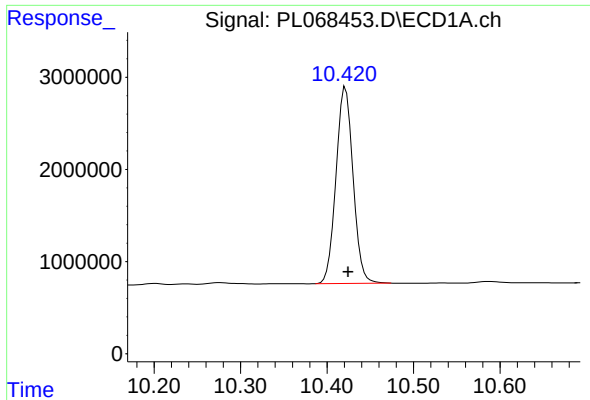
#27 Chlordane-5

R.T.: 8.386 min  
Delta R.T.: -0.004 min  
Response: 11077971  
Conc: 550.42 ng/ml



#27 Chlordane-5

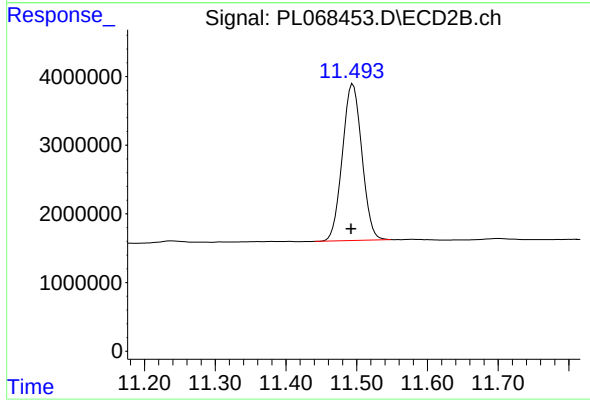
R.T.: 9.273 min  
Delta R.T.: -0.004 min  
Response: 15440225  
Conc: 481.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.421 min  
Delta R.T.: -0.003 min  
Response: 29059069  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 11.495 min  
Delta R.T.: 0.002 min  
Response: 43680454  
Conc: 48.97 ng/ml