

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062221\  
 Data File : PL067702.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2021 11:14  
 Operator : AR\AJ  
 Sample : M2764-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PHC-250EM-001

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 17:25:15 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  | 5.528   | 5880863  | 9977481  | 10.697  | 10.584   |
| 28)                         | SA Decachlor... | 10.221 | 11.427  | 26220101 | 39465093 | 36.998  | 39.621   |
| Target Compounds            |                 |        |         |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 6.142f  | 0        | 171987   | N.D.    | 0.139 #  |
| 3)                          | MA gamma-BHC... | 5.616f | 0.000   | 877727   | 0        | 1.171   | N.D. #   |
| 4)                          | MA Heptachlor   | 6.041f | 0.000   | 427617   | 0        | 0.567   | N.D. #   |
| 5)                          | MB Aldrin       | 6.330  | 0.000   | 503582   | 0        | 0.684   | N.D. #   |
| 7)                          | B delta-BHC     | 6.218f | 7.003f  | 194197   | 608738   | 0.263   | 0.518 #  |
| 8)                          | B Heptachlo...  | 0.000  | 7.987   | 0        | 1472739  | N.D.    | 1.470 #  |
| 10)                         | B gamma-Chl...  | 7.171f | 8.285f  | 1004752  | 440890   | 1.386   | 0.437 #  |
| 12)                         | B 4,4'-DDE      | 7.452f | 8.526   | 196404   | 1535172  | 0.295   | 1.695 #  |
| 13)                         | MA Dieldrin     | 7.603  | 8.678   | 785277   | 4960950  | 1.120   | 5.462 #  |
| 14)                         | MA Endrin       | 7.862f | 8.920   | 635162   | 1375266  | 0.969   | 1.798 #  |
| 15)                         | B Endosulfa...  | 8.192  | 9.135f  | 1889787  | 14230594 | 3.068   | 17.849 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.067   | 0        | 14007228 | N.D.    | 19.695 # |
| 18)                         | B Endrin al...  | 8.354f | 0.000   | 68090160 | 0        | 134.493 | N.D. #   |
| 19)                         | B Endosulfa...  | 8.613  | 0.000   | 44870003 | 0        | 70.684  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 9.847f  | 0        | 2760293  | N.D.    | 7.099 #  |
| 22)                         | Mirex           | 0.000  | 10.511f | 0        | 63316931 | N.D.    | 83.753 # |
| 25)                         | Chlordane-3     | 7.171  | 8.285f  | 1004752  | 440890   | 14.954  | 3.294 #  |
| 26)                         | Chlordane-4     | 7.222f | 0.000   | 739109   | 0        | 10.114  | N.D. #   |
| 27)                         | Chlordane-5     | 8.192  | 9.198f  | 1889787  | 90983    | 86.374  | 3.129 #  |
| -----                       |                 |        |         |          |          |         |          |

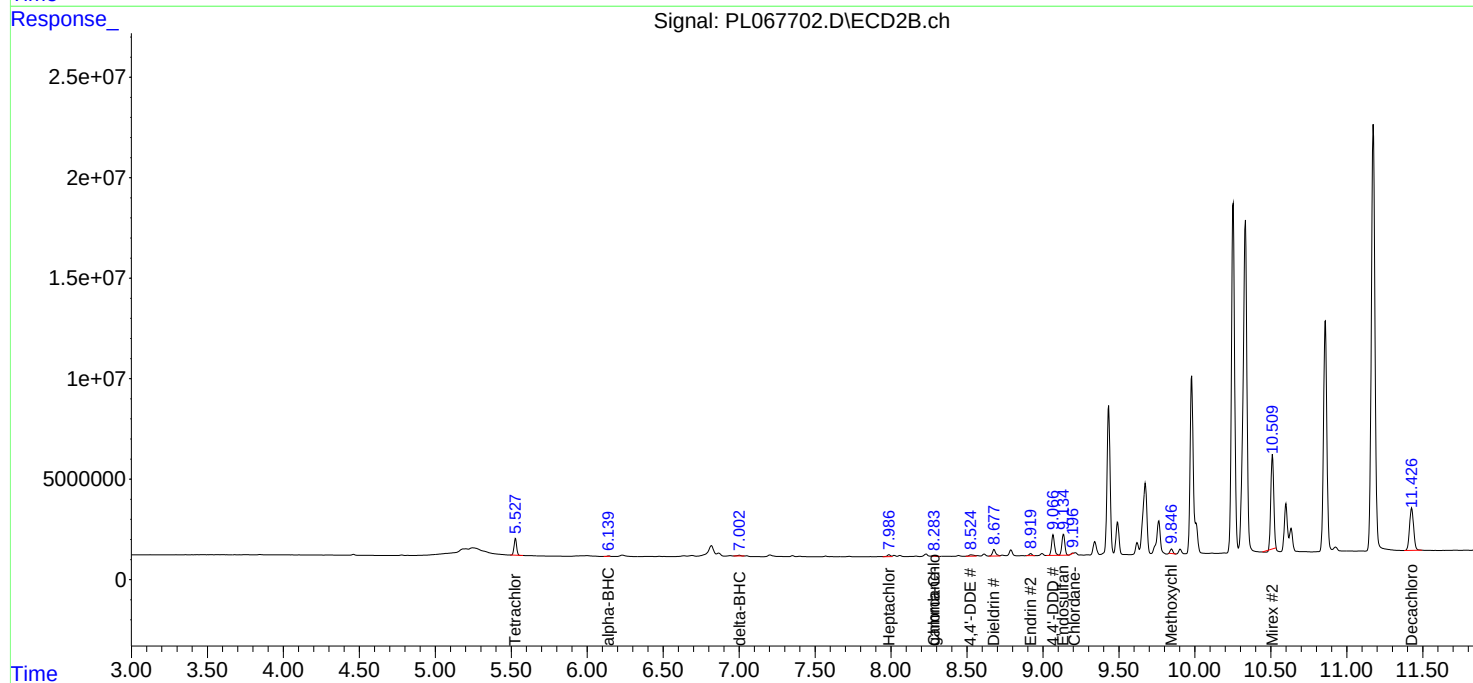
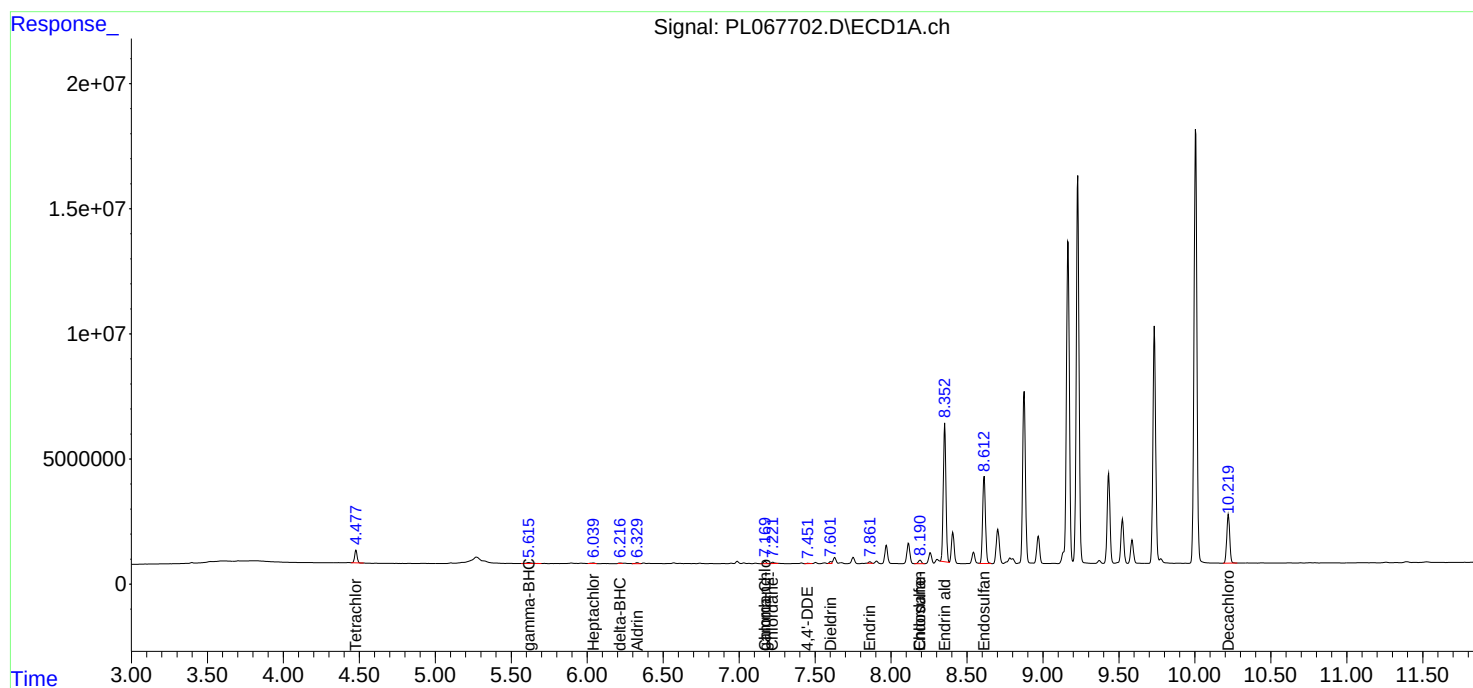
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

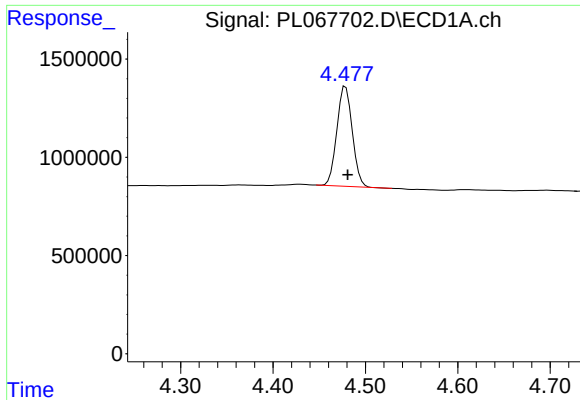
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062221\  
Data File : PL067702.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2021 11:14  
Operator : AR\AJ  
Sample : M2764-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PHC-250EM-001

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 22 17:25:15 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

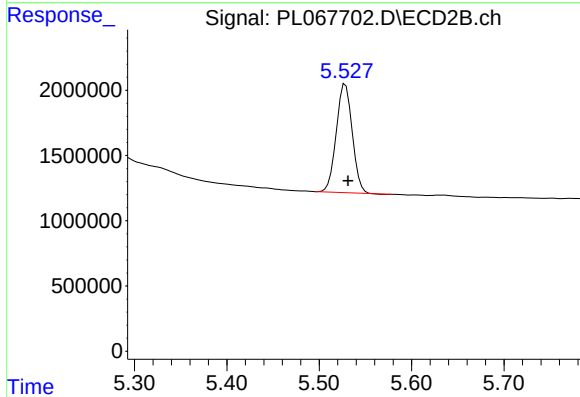




#1 Tetrachloro-m-xylene

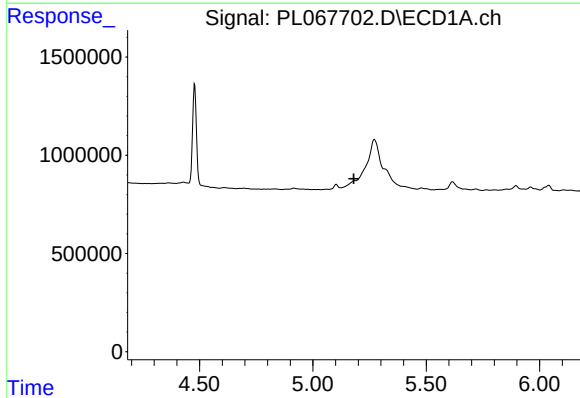
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 5880863  
Conc: 10.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



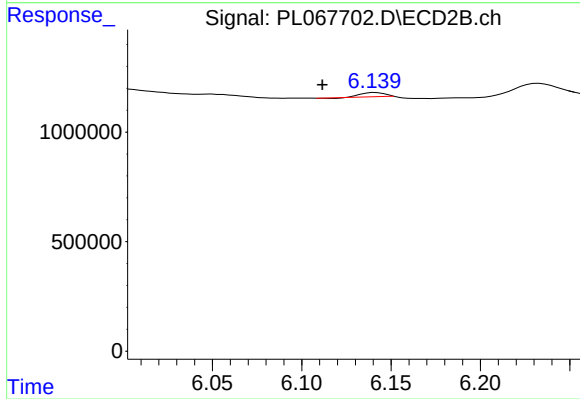
#1 Tetrachloro-m-xylene

R.T.: 5.528 min  
Delta R.T.: -0.003 min  
Response: 9977481  
Conc: 10.58 ng/ml



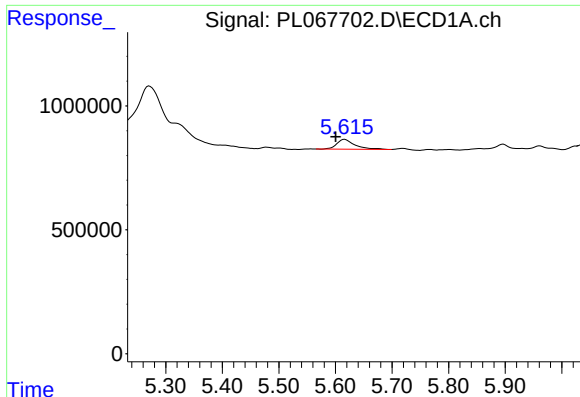
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.181 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

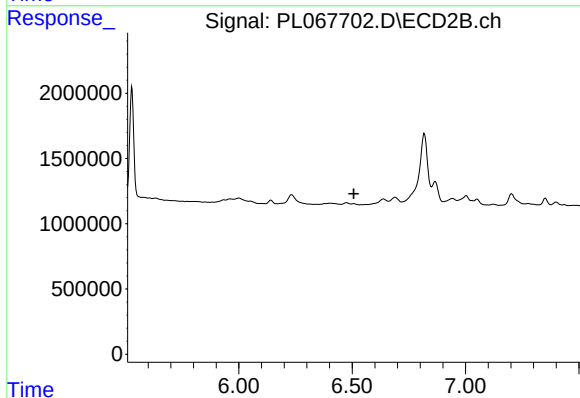
R.T.: 6.142 min  
Delta R.T.: 0.030 min  
Response: 171987  
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

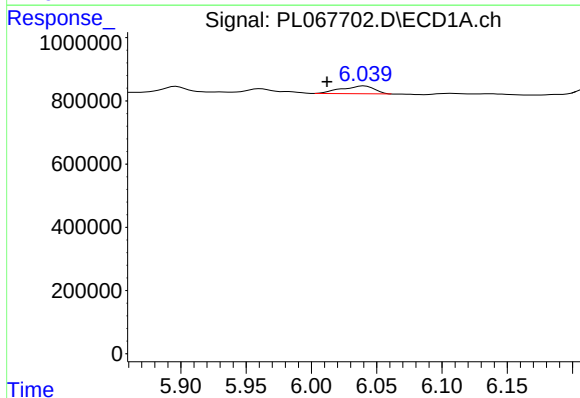
R.T.: 5.616 min  
Delta R.T.: 0.016 min  
Response: 877727  
Conc: 1.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



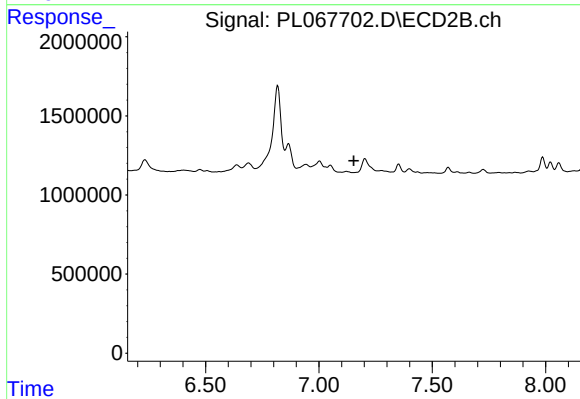
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 6.507 min  
Response: 0  
Conc: N.D.



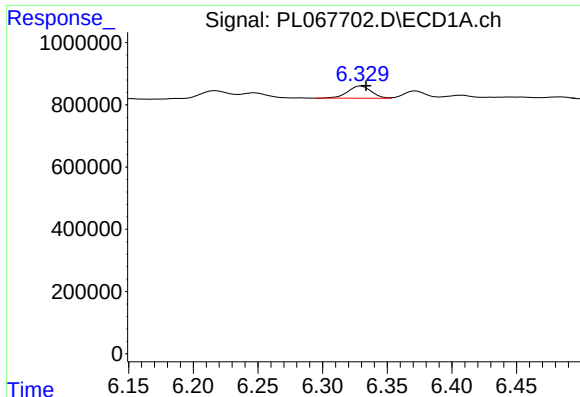
#4 Heptachlor

R.T.: 6.041 min  
Delta R.T.: 0.029 min  
Response: 427617  
Conc: 0.57 ng/ml



#4 Heptachlor

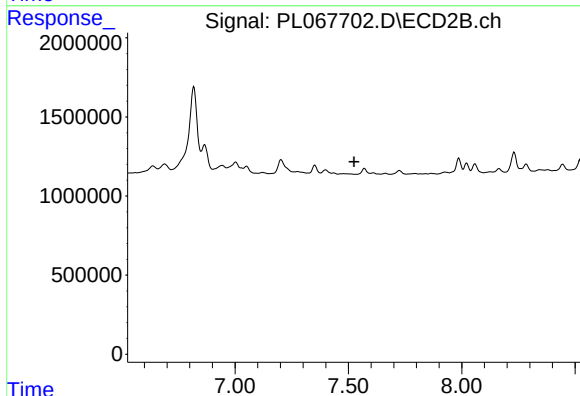
R.T.: 0.000 min  
Exp R.T. : 7.155 min  
Response: 0  
Conc: N.D.



#5 Aldrin

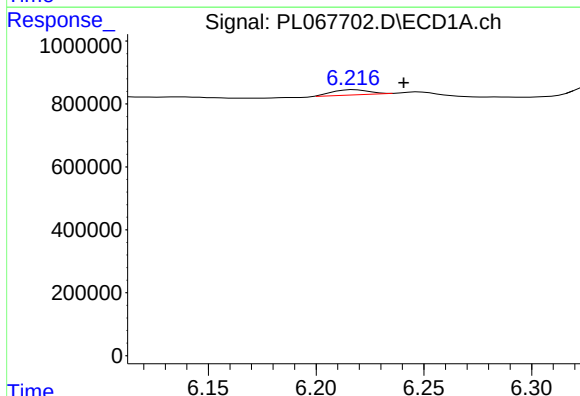
R.T.: 6.330 min  
Delta R.T.: -0.004 min  
Response: 503582  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



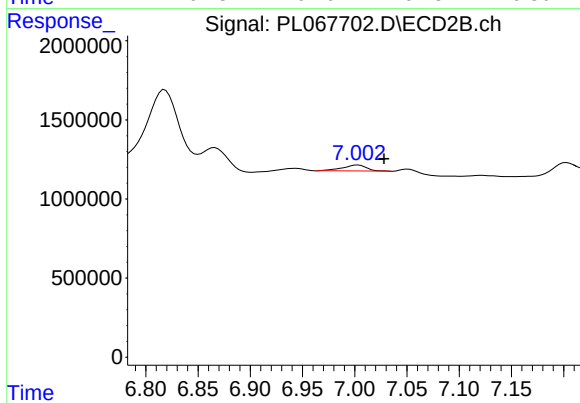
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 7.525 min  
Response: 0  
Conc: N.D.



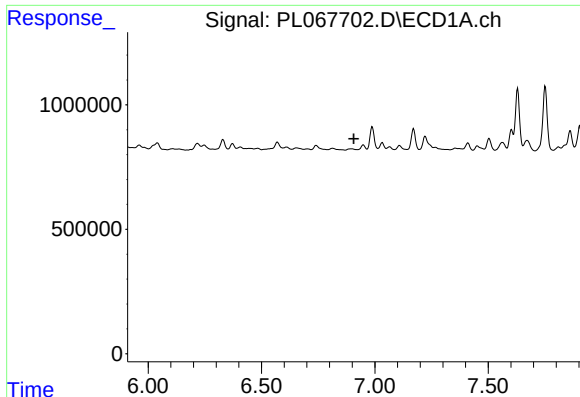
#7 delta-BHC

R.T.: 6.218 min  
Delta R.T.: -0.023 min  
Response: 194197  
Conc: 0.26 ng/ml



#7 delta-BHC

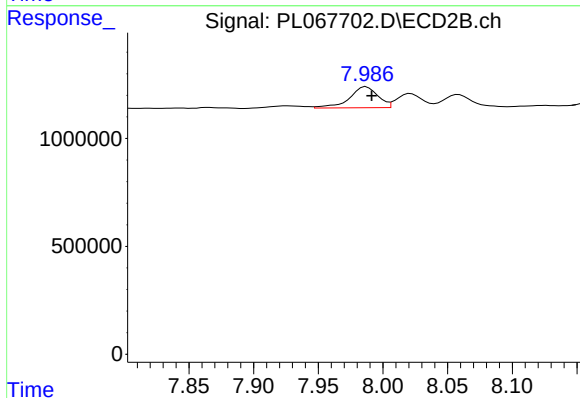
R.T.: 7.003 min  
Delta R.T.: -0.025 min  
Response: 608738  
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

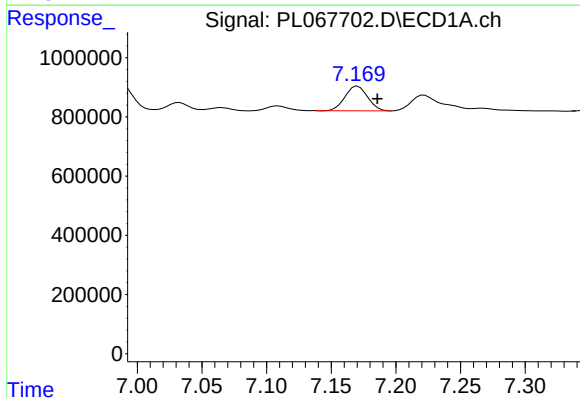
R.T.: 0.000 min  
Exp R.T.: 6.907 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



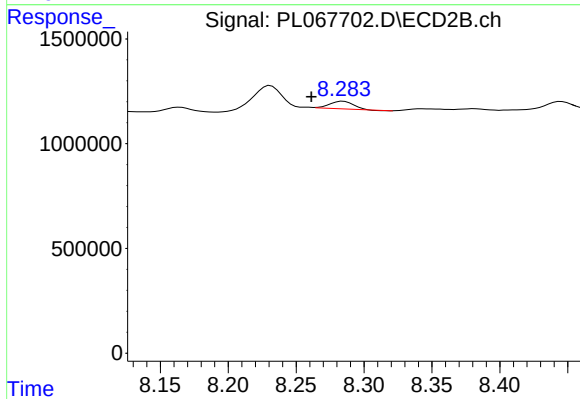
#8 Heptachlor epoxide

R.T.: 7.987 min  
Delta R.T.: -0.004 min  
Response: 1472739  
Conc: 1.47 ng/ml



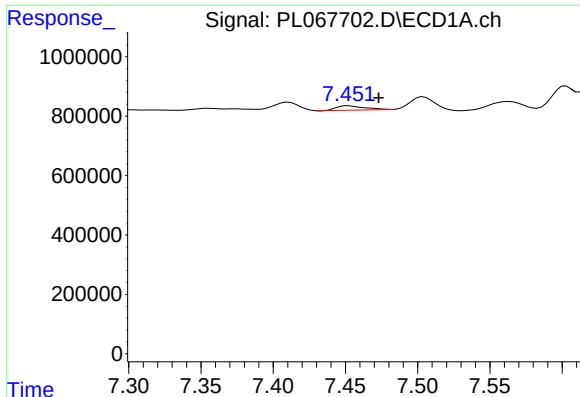
#10 gamma-Chlordane

R.T.: 7.171 min  
Delta R.T.: -0.015 min  
Response: 1004752  
Conc: 1.39 ng/ml



#10 gamma-Chlordane

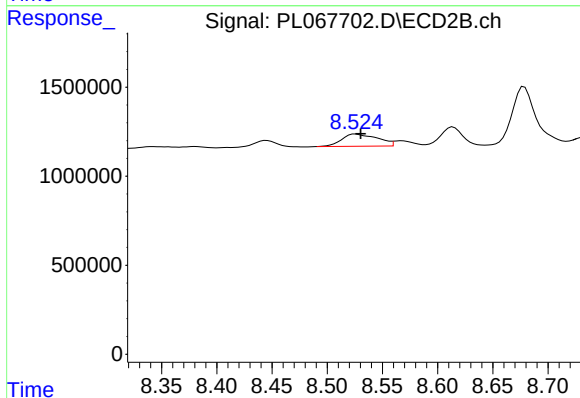
R.T.: 8.285 min  
Delta R.T.: 0.024 min  
Response: 440890  
Conc: 0.44 ng/ml



#12 4,4'-DDE

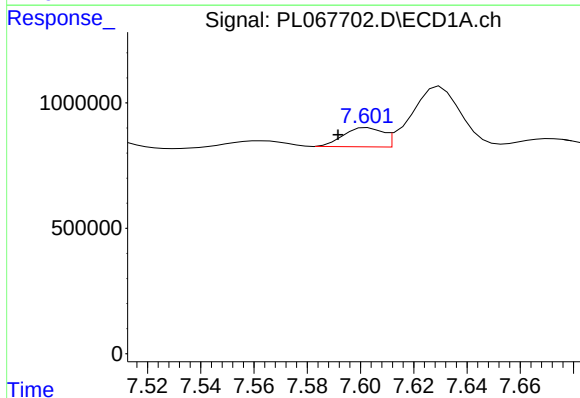
R.T.: 7.452 min  
Delta R.T.: -0.021 min  
Response: 196404  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



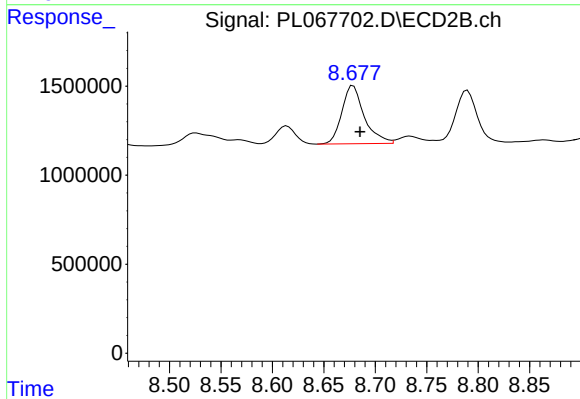
#12 4,4'-DDE

R.T.: 8.526 min  
Delta R.T.: -0.005 min  
Response: 1535172  
Conc: 1.69 ng/ml



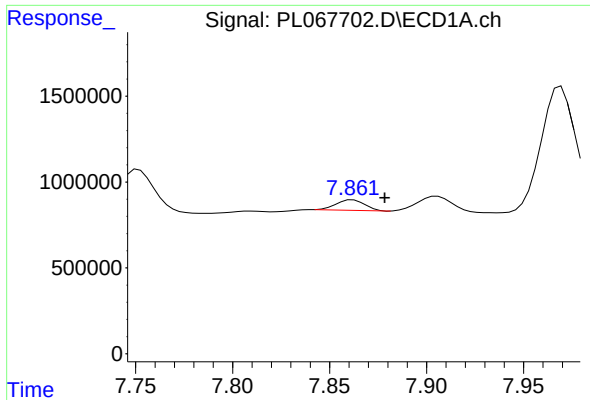
#13 Dieldrin

R.T.: 7.603 min  
Delta R.T.: 0.011 min  
Response: 785277  
Conc: 1.12 ng/ml



#13 Dieldrin

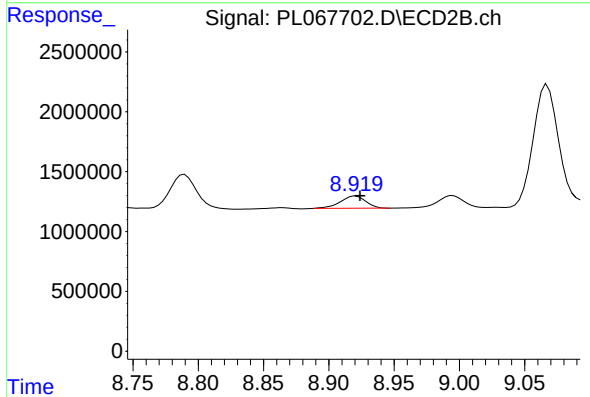
R.T.: 8.678 min  
Delta R.T.: -0.007 min  
Response: 4960950  
Conc: 5.46 ng/ml



#14 Endrin

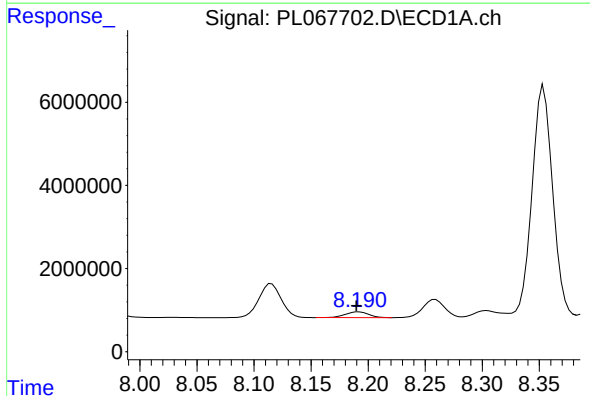
R.T.: 7.862 min  
Delta R.T.: -0.016 min  
Response: 635162  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



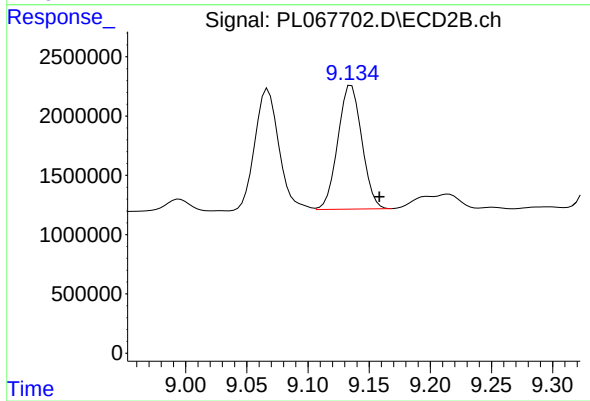
#14 Endrin

R.T.: 8.920 min  
Delta R.T.: -0.003 min  
Response: 1375266  
Conc: 1.80 ng/ml



#15 Endosulfan II

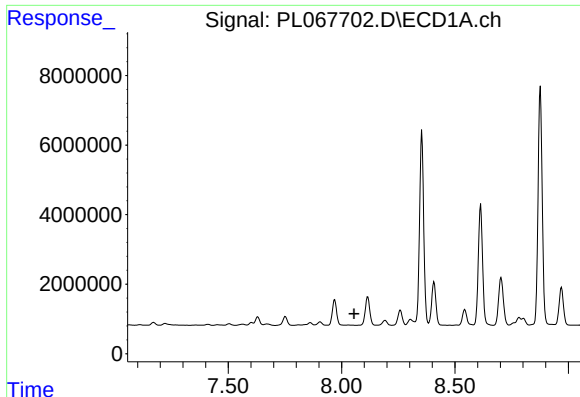
R.T.: 8.192 min  
Delta R.T.: 0.002 min  
Response: 1889787  
Conc: 3.07 ng/ml



#15 Endosulfan II

R.T.: 9.135 min  
Delta R.T.: -0.023 min  
Response: 14230594  
Conc: 17.85 ng/ml

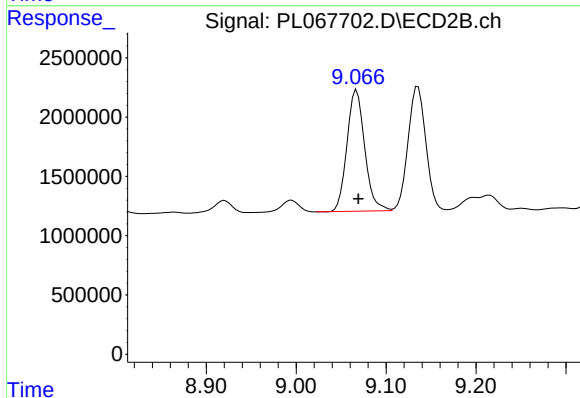




#16 4,4'-DDD

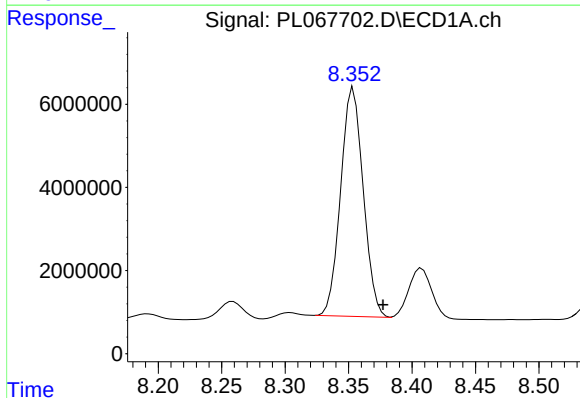
R.T.: 0.000 min  
Exp R.T.: 8.055 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



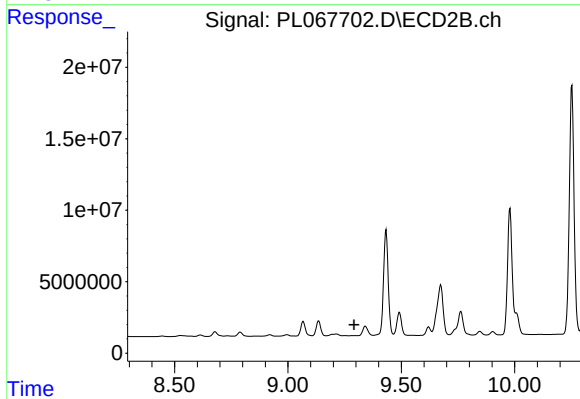
#16 4,4'-DDD

R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 14007228  
Conc: 19.70 ng/ml



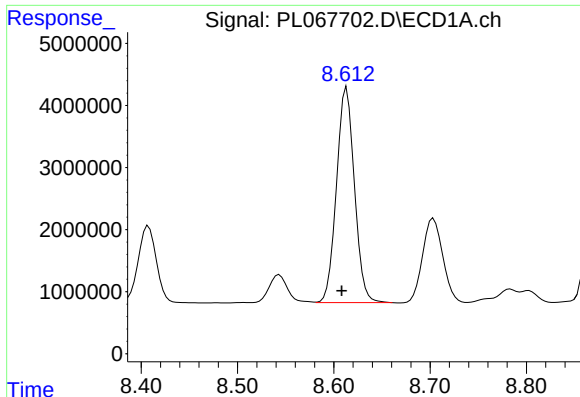
#18 Endrin aldehyde

R.T.: 8.354 min  
Delta R.T.: -0.023 min  
Response: 68090160  
Conc: 134.49 ng/ml



#18 Endrin aldehyde

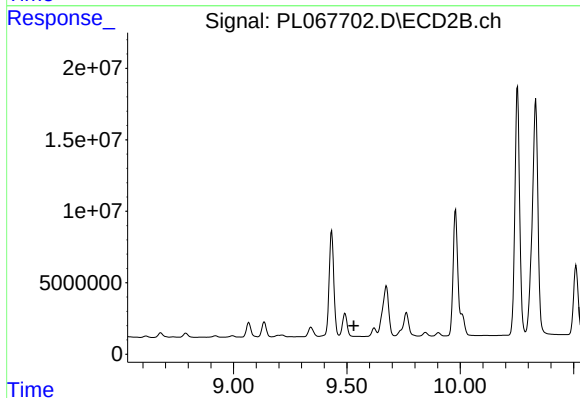
R.T.: 0.000 min  
Exp R.T.: 9.292 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

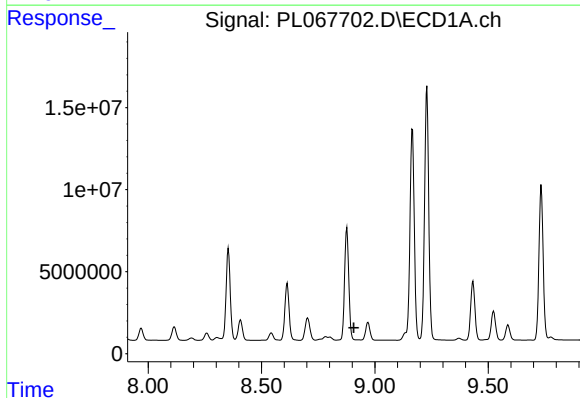
R.T.: 8.613 min  
Delta R.T.: 0.005 min  
Response: 44870003  
Conc: 70.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



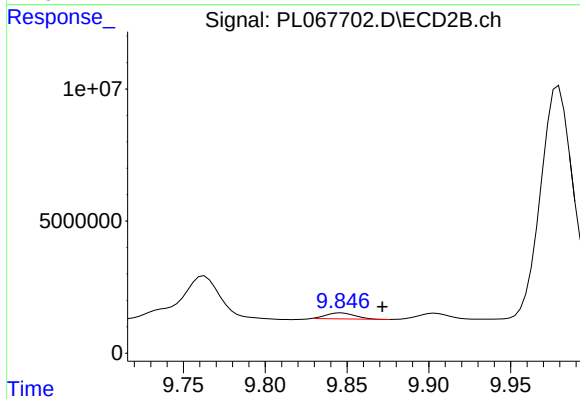
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 9.530 min  
Response: 0  
Conc: N.D.



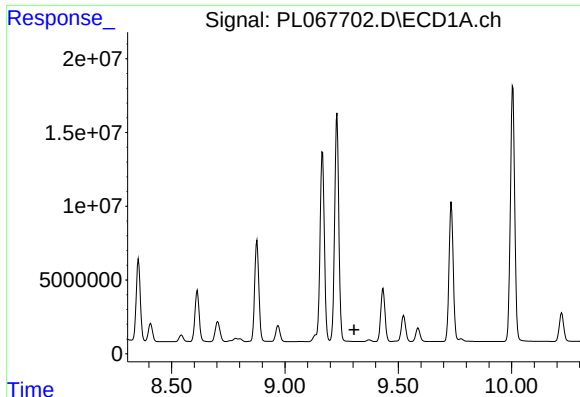
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 8.908 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

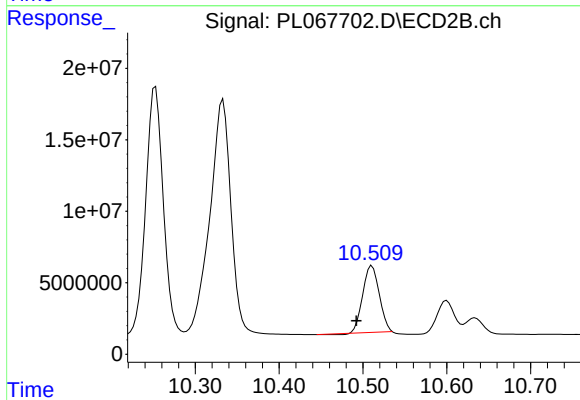
R.T.: 9.847 min  
Delta R.T.: -0.025 min  
Response: 2760293  
Conc: 7.10 ng/ml



#22 Mirex

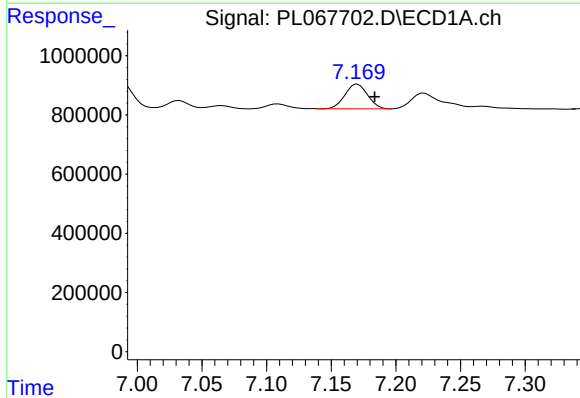
R.T.: 0.000 min  
Exp R.T.: 9.305 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



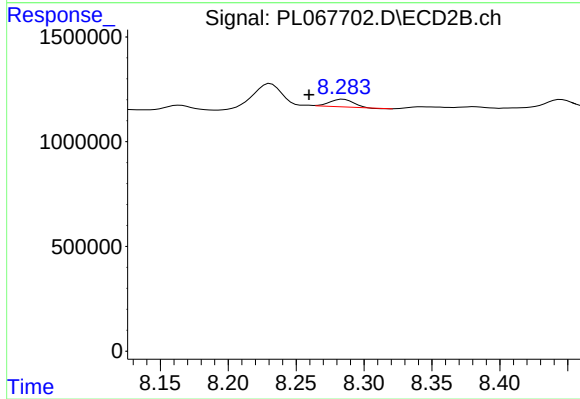
#22 Mirex

R.T.: 10.511 min  
Delta R.T.: 0.019 min  
Response: 63316931  
Conc: 83.75 ng/ml



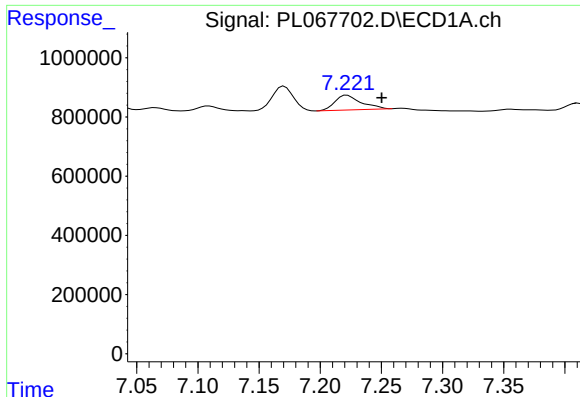
#25 Chlordane-3

R.T.: 7.171 min  
Delta R.T.: -0.013 min  
Response: 1004752  
Conc: 14.95 ng/ml



#25 Chlordane-3

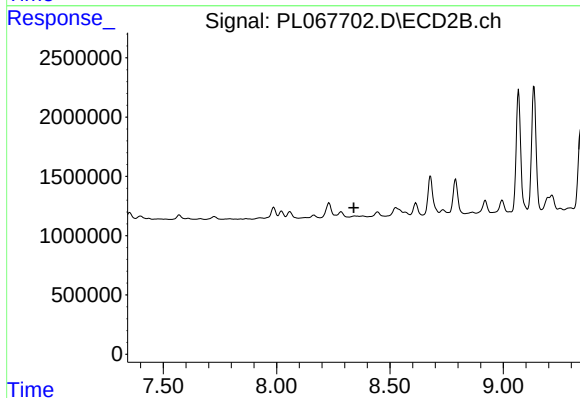
R.T.: 8.285 min  
Delta R.T.: 0.025 min  
Response: 440890  
Conc: 3.29 ng/ml



#26 Chlordane-4

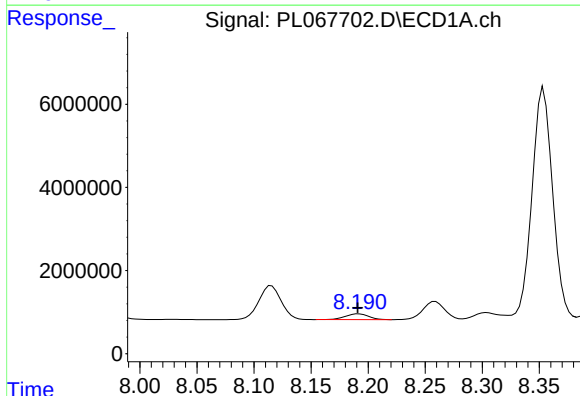
R.T.: 7.222 min  
Delta R.T.: -0.028 min  
Response: 739109  
Conc: 10.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



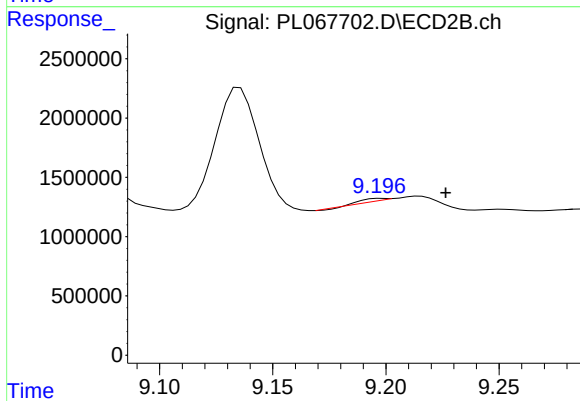
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 8.341 min  
Response: 0  
Conc: N.D.



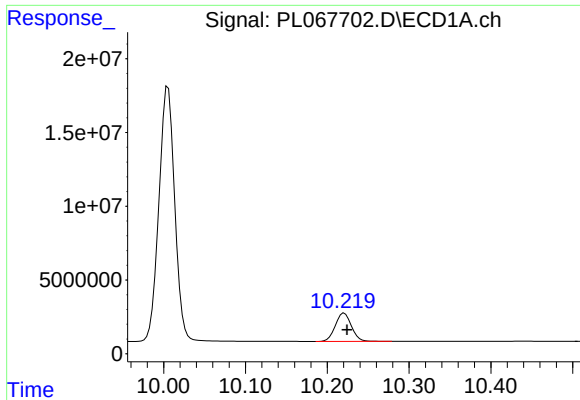
#27 Chlordane-5

R.T.: 8.192 min  
Delta R.T.: 0.000 min  
Response: 1889787  
Conc: 86.37 ng/ml



#27 Chlordane-5

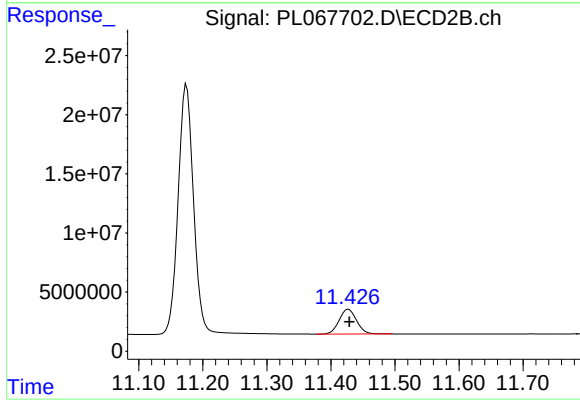
R.T.: 9.198 min  
Delta R.T.: -0.029 min  
Response: 90983  
Conc: 3.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.221 min  
Delta R.T.: -0.003 min  
Response: 26220101  
Conc: 37.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PHC-250EM-001



#28 Decachlorobiphenyl

R.T.: 11.427 min  
Delta R.T.: -0.001 min  
Response: 39465093  
Conc: 39.62 ng/ml