

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062222\  
 Data File : PL075913.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2022 19:47  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 23 00:19:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 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... | 5.641  | 4.635  | 13894210 | 33742584 | 20.587  | 20.107    |
| 28)                         | SA Decachlor... | 11.634 | 10.376 | 10741433 | 23115455 | 17.545  | 16.406    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 6.225  | 5.336  | 8690828  | 20610750 | 9.246   | 9.103     |
| 3)                          | MA gamma-BHC... | 6.623  | 5.757  | 8441414  | 20250223 | 9.617   | 9.338     |
| 5)                          | MB Aldrin       | 0.000  | 6.512f | 0        | 203309   | N.D.    | 0.104 #   |
| 6)                          | B beta-BHC      | 6.876  | 6.136  | 4049999  | 9993766  | 9.868   | 10.182    |
| 7)                          | B delta-BHC     | 0.000  | 6.400  | 0        | 338906   | N.D.    | 0.158 #   |
| 8)                          | B Heptachlo...  | 8.114  | 7.074  | 2828189  | 659401   | 3.659   | 0.360 #   |
| 9)                          | A Endosulfan I  | 8.541  | 0.000  | 434312   | 0        | 0.621   | N.D. #    |
| 10)                         | B gamma-Chl...  | 8.368f | 7.353  | 8009517  | 5194547  | 10.314  | 2.833 #   |
| 11)                         | B alpha-Chl...  | 8.459  | 0.000  | 1265505  | 0        | 1.659   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 7.618  | 0        | 223445   | N.D.    | 0.140 #   |
| 13)                         | MA Dieldrin     | 8.849f | 7.745  | 2327238  | -2309371 | 3.221   | N.D. #    |
| 14)                         | MA Endrin       | 9.059  | 8.039  | 24679372 | 63089258 | 41.624  | 46.148    |
| 15)                         | B Endosulfa...  | 9.302  | 8.372f | 529138   | 1017935  | 0.850   | 0.710     |
| 16)                         | A 4,4'-DDD      | 9.198  | 8.202  | 2725272  | 6747609  | 4.981   | 5.131     |
| 17)                         | MA 4,4'-DDT     | 9.519  | 8.463  | 34965554 | 89202844 | 54.584  | 63.455    |
| 18)                         | B Endrin al...  | 9.427  | 8.537  | 793164   | 2436792  | 1.549   | 2.163 #   |
| 20)                         | A Methoxychlor  | 10.005 | 9.055  | 45378402 | 110.9E6  | 126.765 | 136.169   |
| 21)                         | B Endrin ke...  | 10.168 | 9.283  | 2740941  | 5917087  | 3.898   | 3.666     |
| 24)                         | Chlordane-2     | 0.000  | 6.667f | 0        | 7345996  | N.D.    | 109.852 # |
| 25)                         | Chlordane-3     | 8.368f | 7.353  | 8009517  | 5194547  | 77.572  | 30.204 #  |
| 26)                         | Chlordane-4     | 8.459  | 0.000  | 1265505  | 0        | 9.992   | N.D. #    |
| 27)                         | Chlordane-5     | 0.000  | 8.118  | 0        | 253150   | N.D.    | 5.332 #   |
| -----                       |                 |        |        |          |          |         |           |

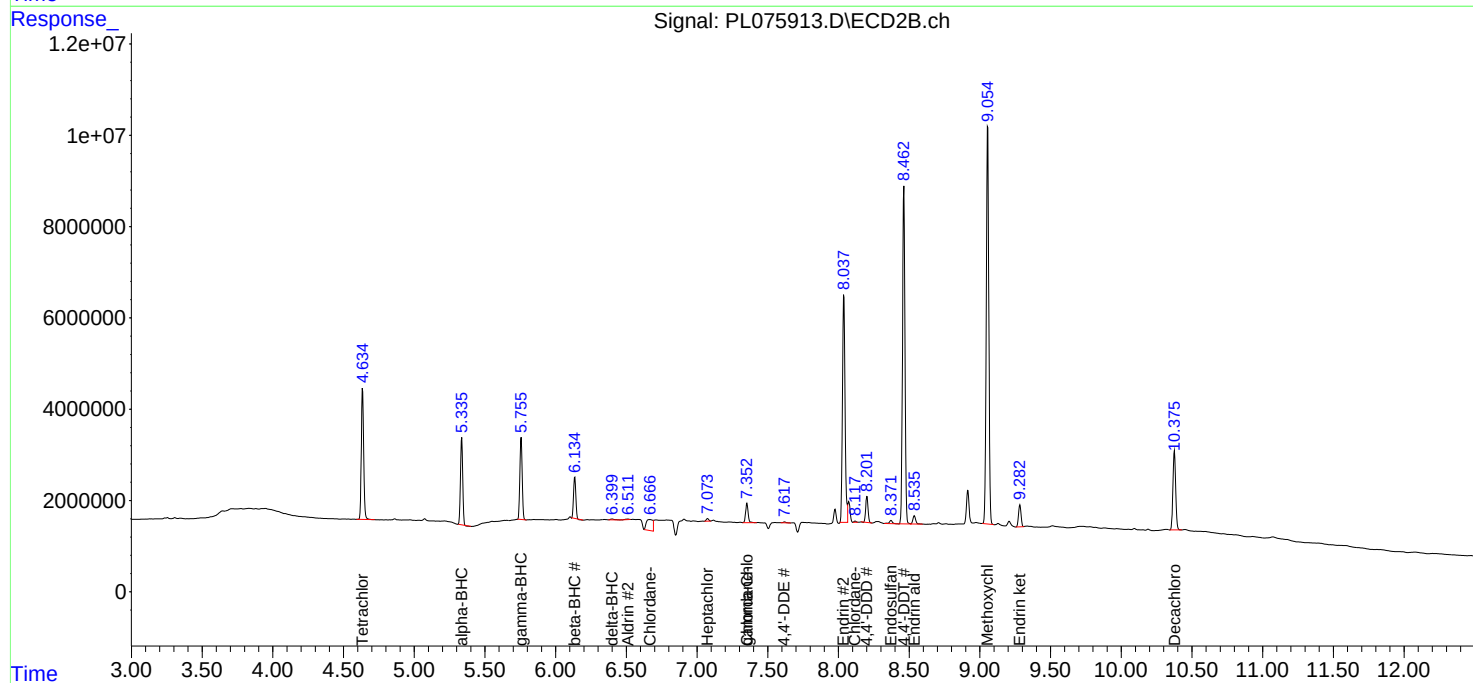
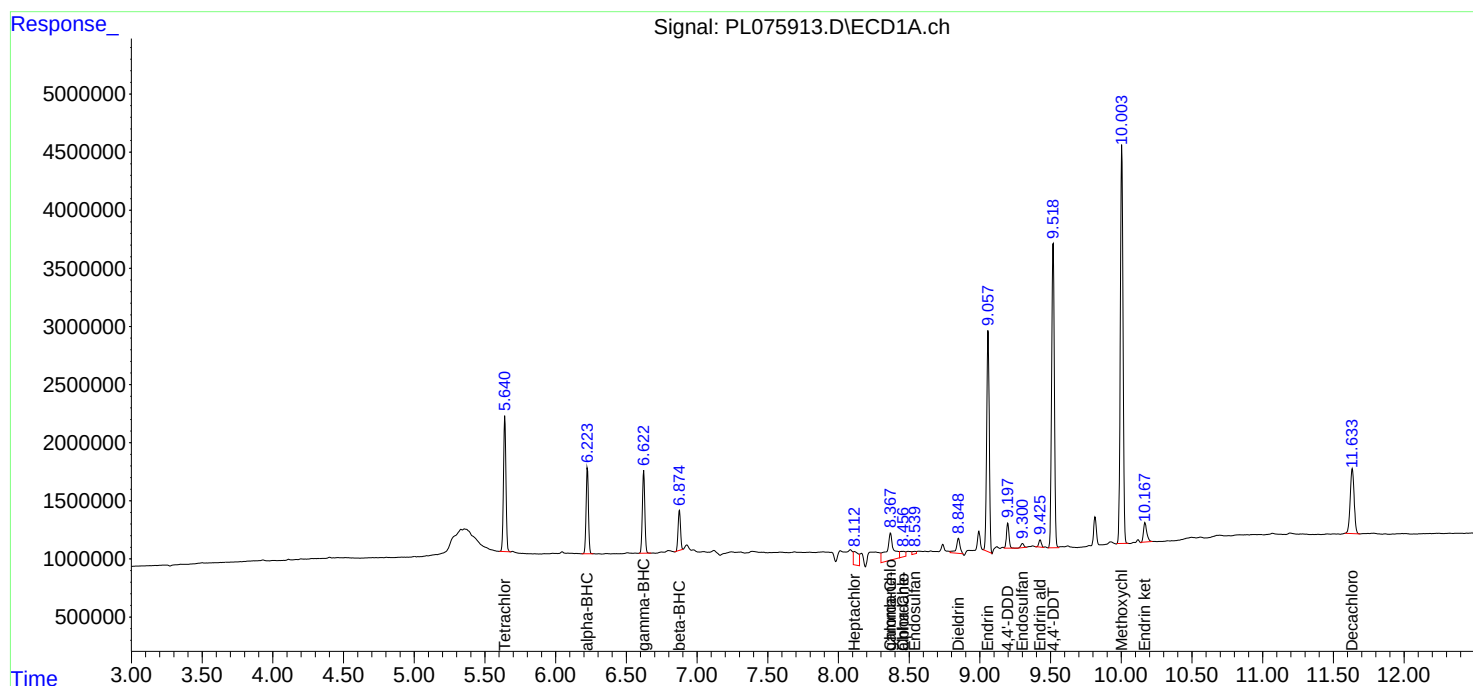
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

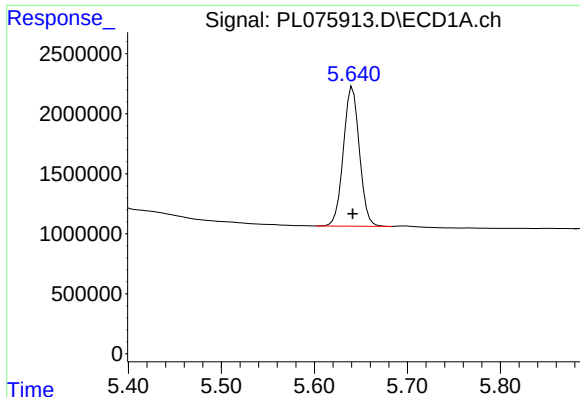
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062222\  
Data File : PL075913.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2022 19:47  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 23 00:19:02 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 2022  
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

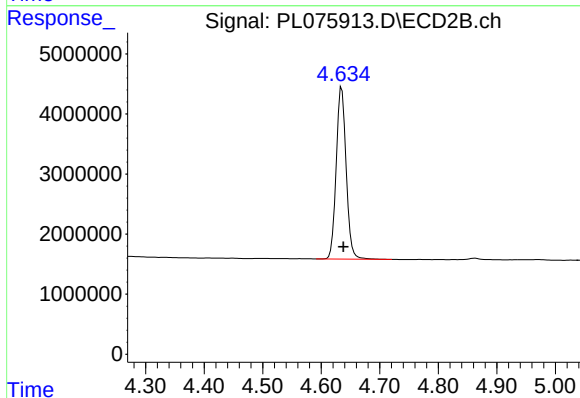




#1 Tetrachloro-m-xylene

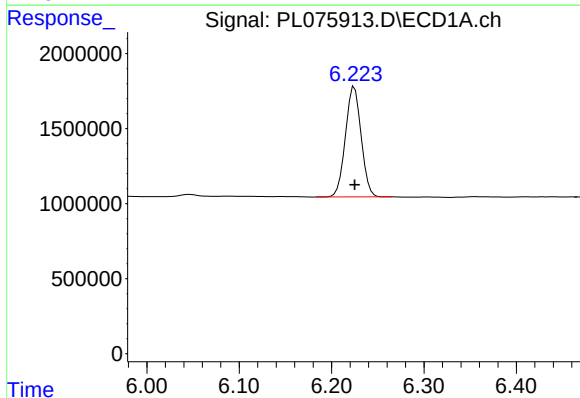
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 13894210  
Conc: 20.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



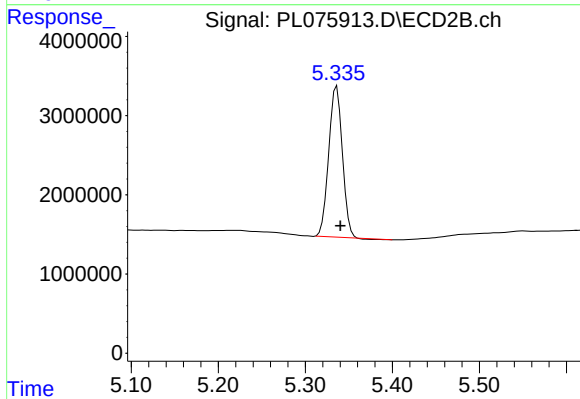
#1 Tetrachloro-m-xylene

R.T.: 4.635 min  
Delta R.T.: -0.003 min  
Response: 33742584  
Conc: 20.11 ng/ml



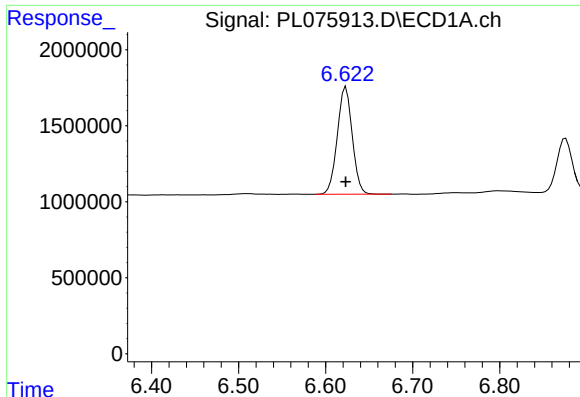
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 8690828  
Conc: 9.25 ng/ml



#2 alpha-BHC

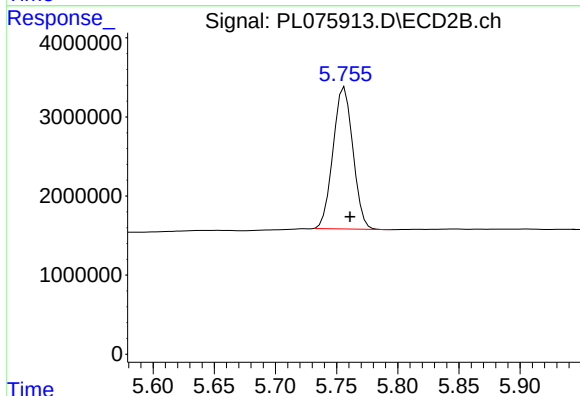
R.T.: 5.336 min  
Delta R.T.: -0.004 min  
Response: 20610750  
Conc: 9.10 ng/ml



#3 gamma-BHC (Lindane)

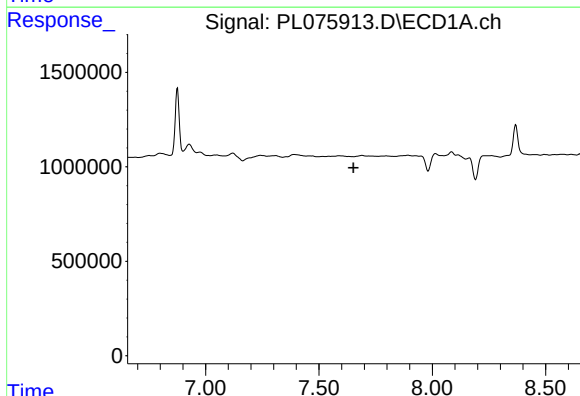
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 8441414  
Conc: 9.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



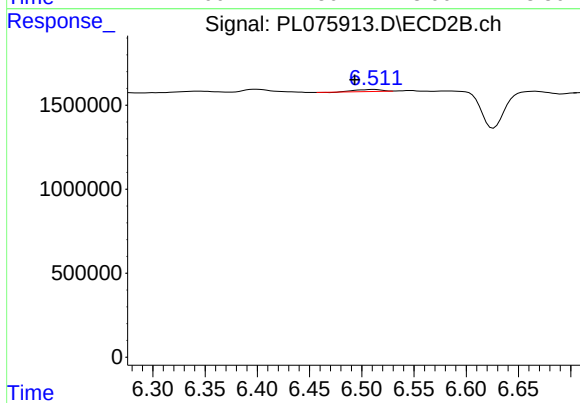
#3 gamma-BHC (Lindane)

R.T.: 5.757 min  
Delta R.T.: -0.004 min  
Response: 20250223  
Conc: 9.34 ng/ml



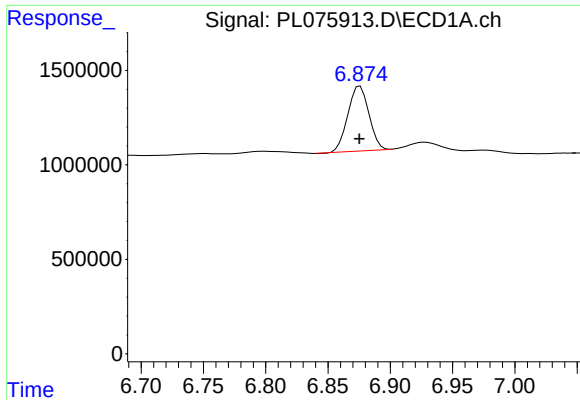
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 7.652 min  
Response: 0  
Conc: N.D.



#5 Aldrin

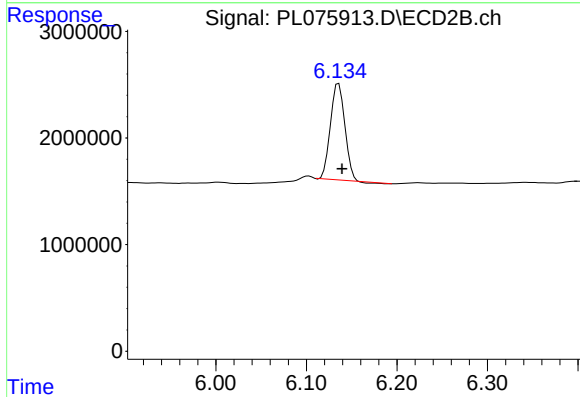
R.T.: 6.512 min  
Delta R.T.: 0.019 min  
Response: 203309  
Conc: 0.10 ng/ml



#6 beta-BHC

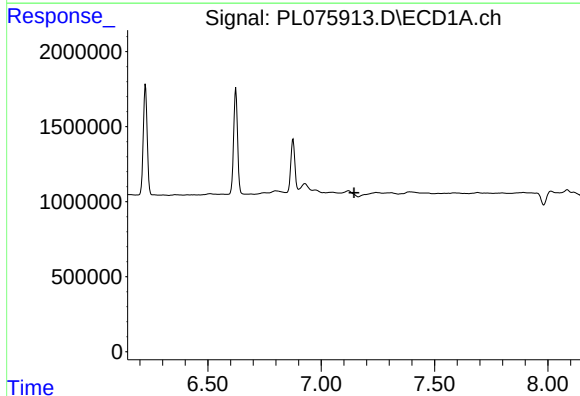
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 4049999  
Conc: 9.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



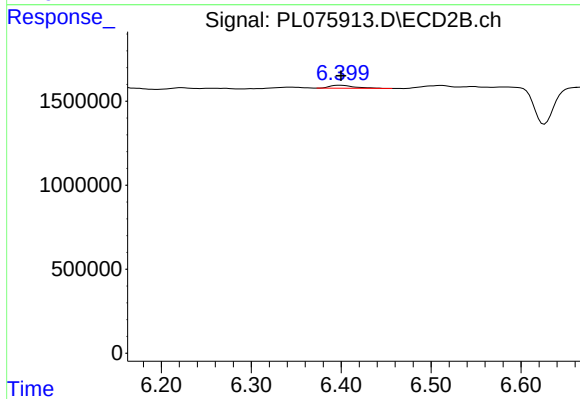
#6 beta-BHC

R.T.: 6.136 min  
Delta R.T.: -0.004 min  
Response: 9993766  
Conc: 10.18 ng/ml



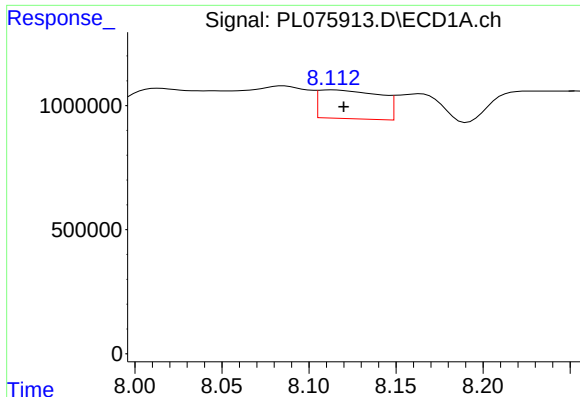
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 7.145 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

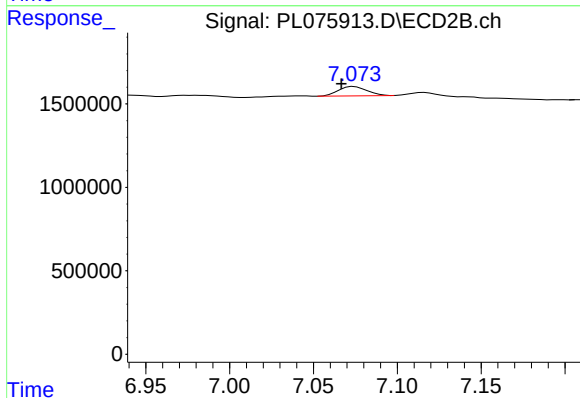
R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 338906  
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

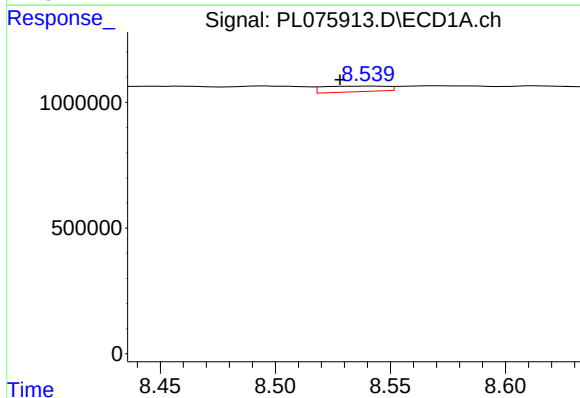
R.T.: 8.114 min  
Delta R.T.: -0.006 min  
Response: 2828189  
Conc: 3.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



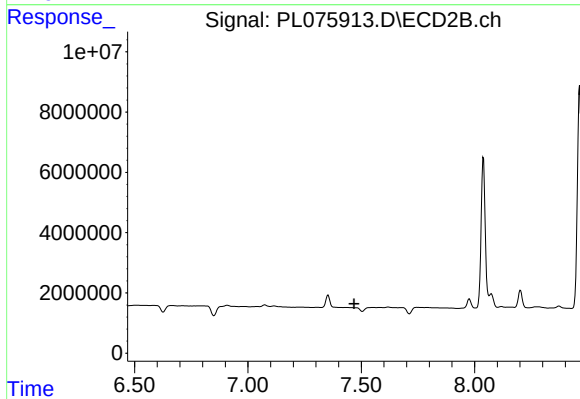
#8 Heptachlor epoxide

R.T.: 7.074 min  
Delta R.T.: 0.007 min  
Response: 659401  
Conc: 0.36 ng/ml



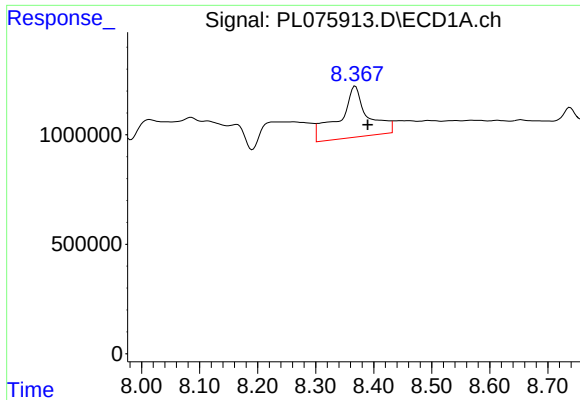
#9 Endosulfan I

R.T.: 8.541 min  
Delta R.T.: 0.013 min  
Response: 434312  
Conc: 0.62 ng/ml



#9 Endosulfan I

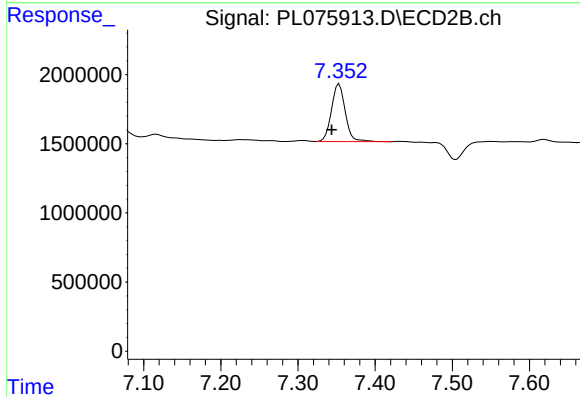
R.T.: 0.000 min  
Exp R.T.: 7.469 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

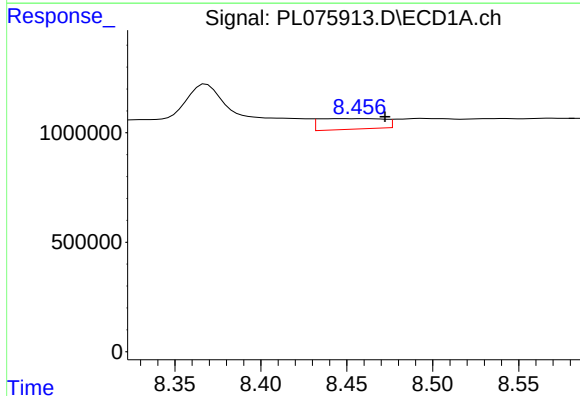
R.T.: 8.368 min  
Delta R.T.: -0.022 min  
Response: 8009517  
Conc: 10.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



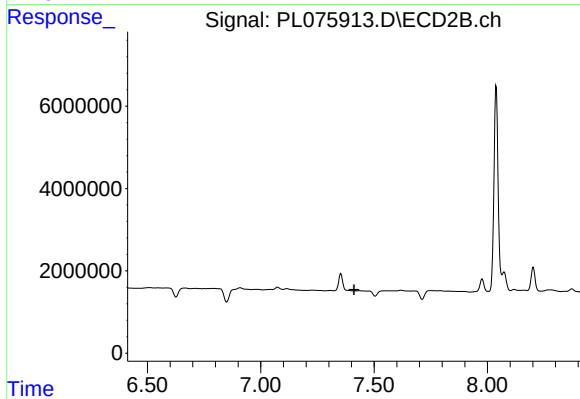
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: 0.010 min  
Response: 5194547  
Conc: 2.83 ng/ml



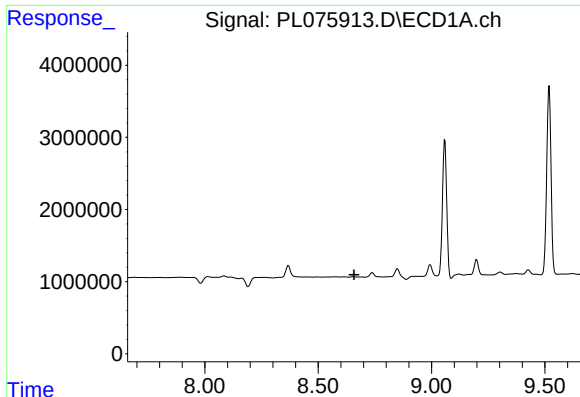
#11 alpha-Chlordane

R.T.: 8.459 min  
Delta R.T.: -0.014 min  
Response: 1265505  
Conc: 1.66 ng/ml



#11 alpha-Chlordane

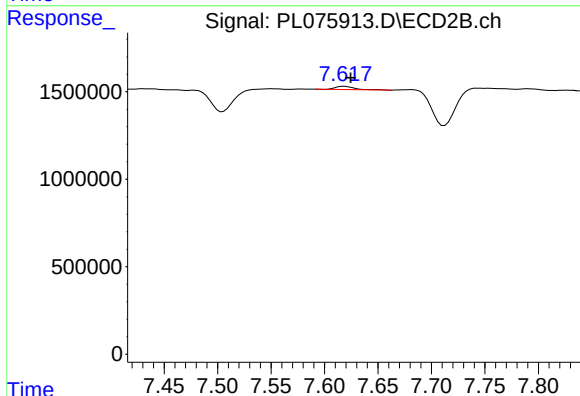
R.T.: 0.000 min  
Exp R.T. : 7.412 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

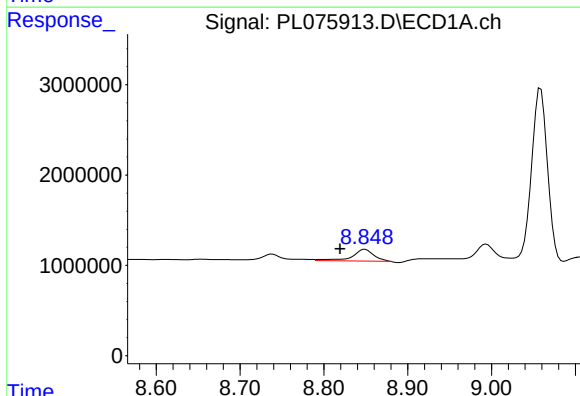
R.T.: 0.000 min  
Exp R.T.: 8.658 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



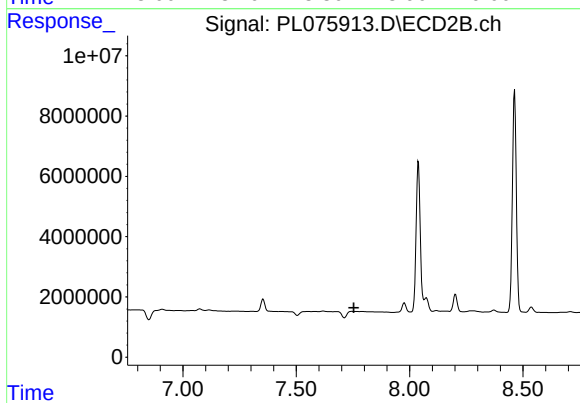
#12 4,4'-DDE

R.T.: 7.618 min  
Delta R.T.: -0.006 min  
Response: 223445  
Conc: 0.14 ng/ml



#13 Dieldrin

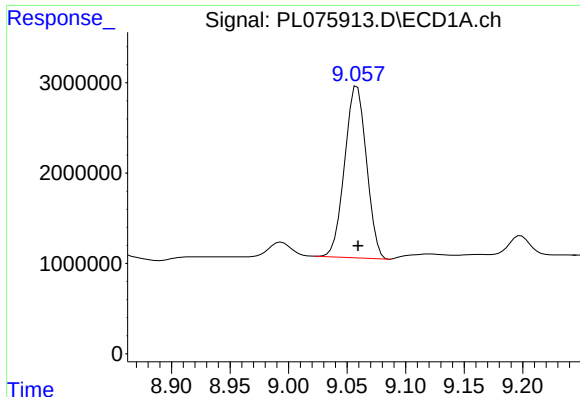
R.T.: 8.849 min  
Delta R.T.: 0.030 min  
Response: 2327238  
Conc: 3.22 ng/ml



#13 Dieldrin

R.T.: 7.745 min  
Delta R.T.: -0.009 min  
Response: -2309371  
Conc: N.D.

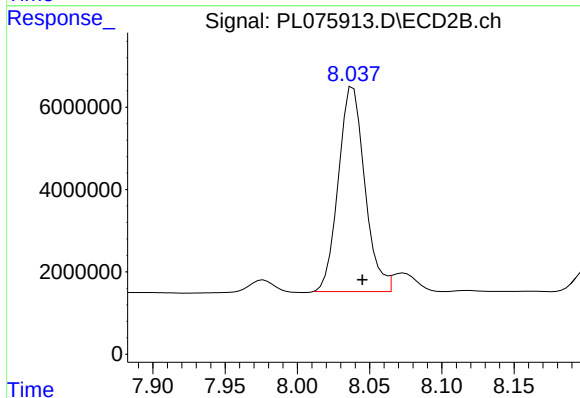




#14 Endrin

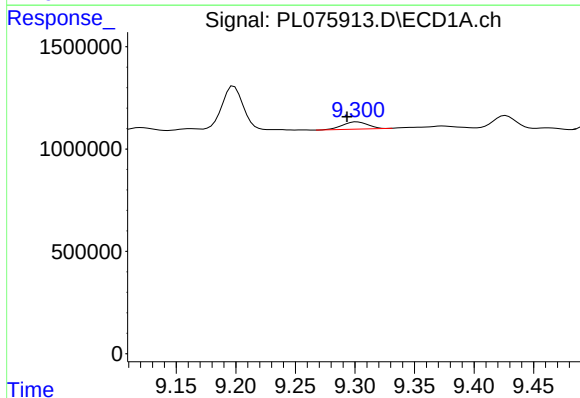
R.T.: 9.059 min  
Delta R.T.: 0.000 min  
Response: 24679372  
Conc: 41.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



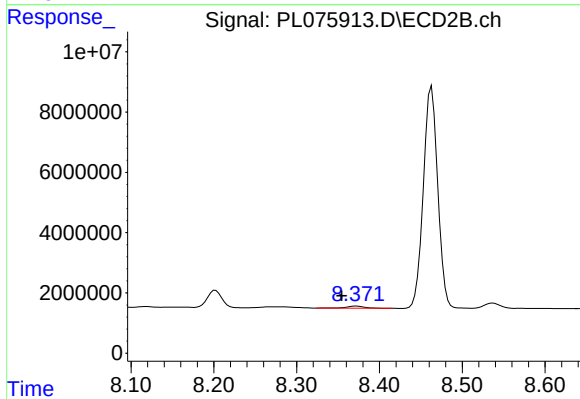
#14 Endrin

R.T.: 8.039 min  
Delta R.T.: -0.006 min  
Response: 63089258  
Conc: 46.15 ng/ml



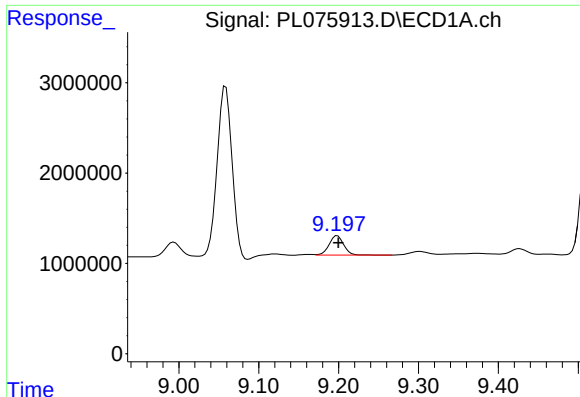
#15 Endosulfan II

R.T.: 9.302 min  
Delta R.T.: 0.008 min  
Response: 529138  
Conc: 0.85 ng/ml



#15 Endosulfan II

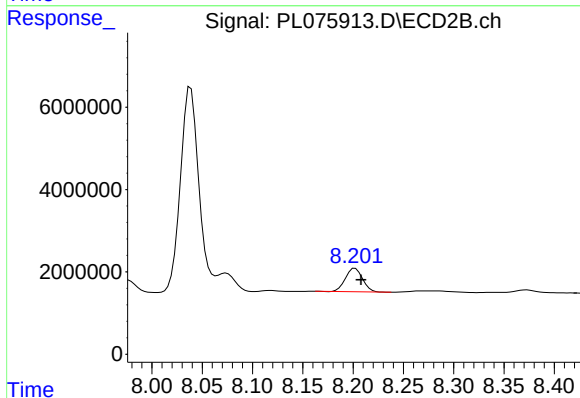
R.T.: 8.372 min  
Delta R.T.: 0.018 min  
Response: 1017935  
Conc: 0.71 ng/ml



#16 4,4'-DDD

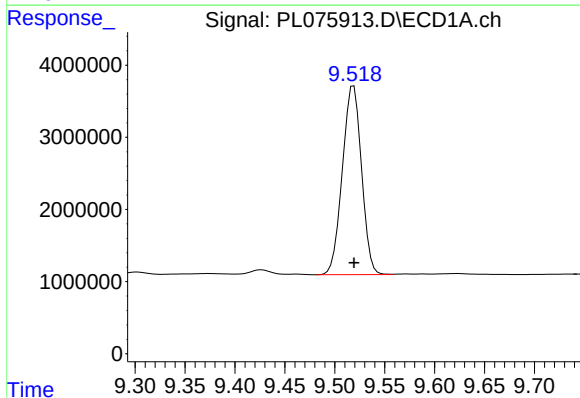
R.T.: 9.198 min  
Delta R.T.: -0.001 min  
Response: 2725272  
Conc: 4.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



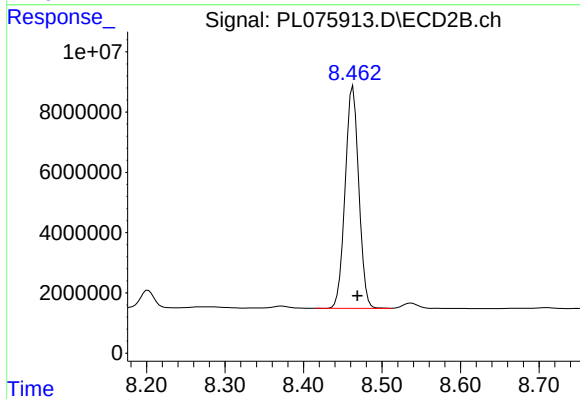
#16 4,4'-DDD

R.T.: 8.202 min  
Delta R.T.: -0.006 min  
Response: 6747609  
Conc: 5.13 ng/ml



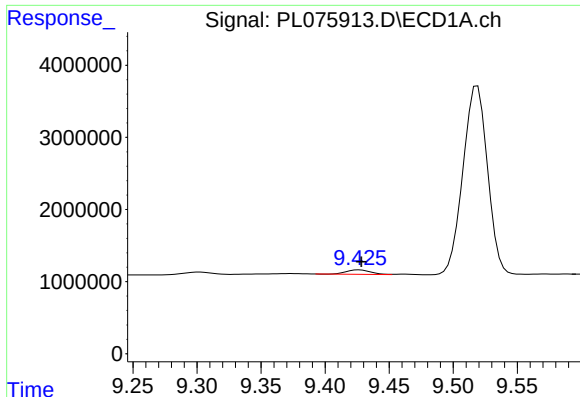
#17 4,4'-DDT

R.T.: 9.519 min  
Delta R.T.: 0.000 min  
Response: 34965554  
Conc: 54.58 ng/ml



#17 4,4'-DDT

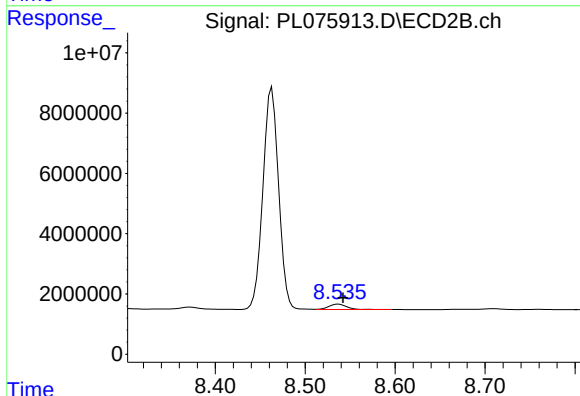
R.T.: 8.463 min  
Delta R.T.: -0.006 min  
Response: 89202844  
Conc: 63.45 ng/ml



#18 Endrin aldehyde

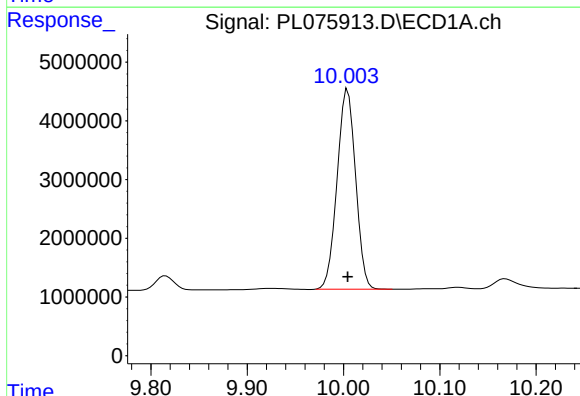
R.T.: 9.427 min  
Delta R.T.: -0.002 min  
Response: 793164  
Conc: 1.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



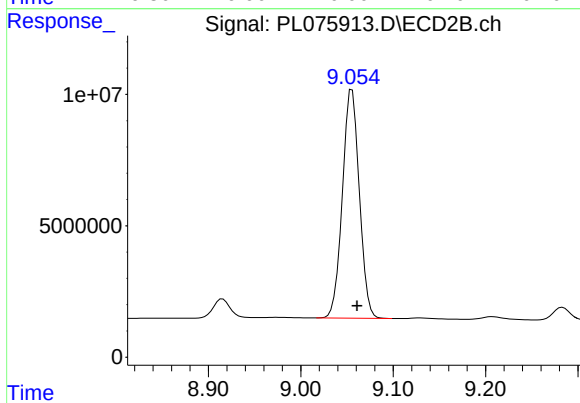
#18 Endrin aldehyde

R.T.: 8.537 min  
Delta R.T.: -0.005 min  
Response: 2436792  
Conc: 2.16 ng/ml



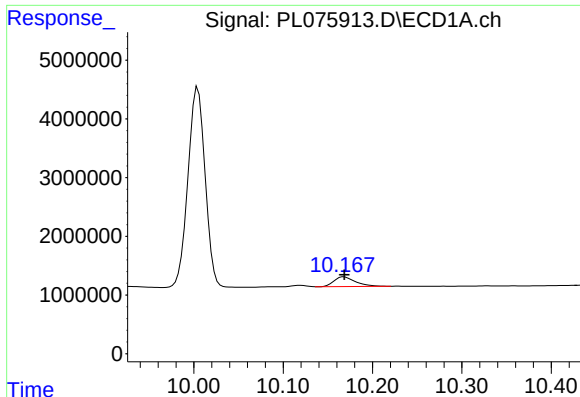
#20 Methoxychlor

R.T.: 10.005 min  
Delta R.T.: 0.000 min  
Response: 45378402  
Conc: 126.77 ng/ml



#20 Methoxychlor

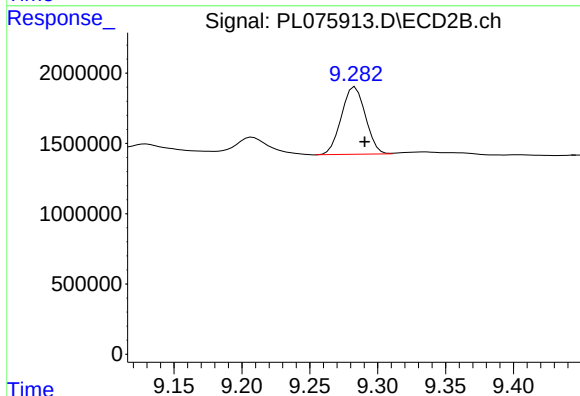
R.T.: 9.055 min  
Delta R.T.: -0.006 min  
Response: 110929700  
Conc: 136.17 ng/ml



#21 Endrin ketone

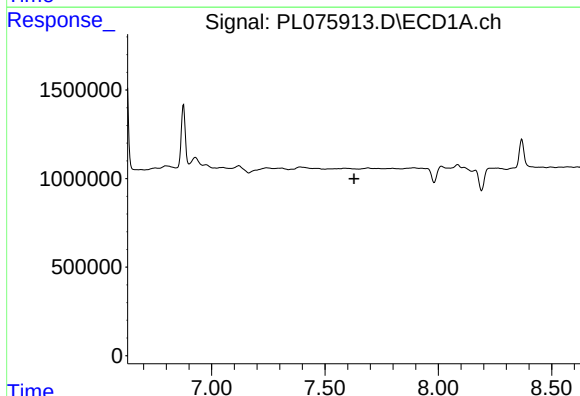
R.T.: 10.168 min  
Delta R.T.: 0.000 min  
Response: 2740941  
Conc: 3.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



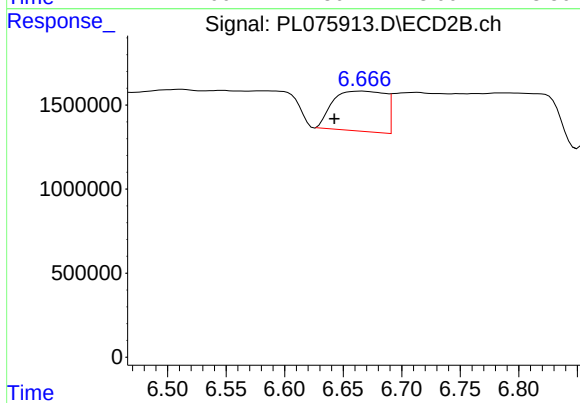
#21 Endrin ketone

R.T.: 9.283 min  
Delta R.T.: -0.007 min  
Response: 5917087  
Conc: 3.67 ng/ml



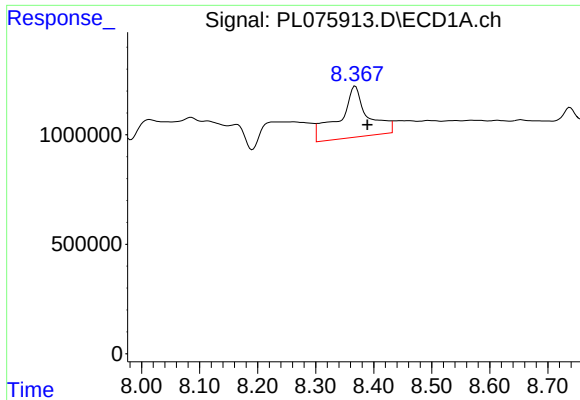
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 7.628 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

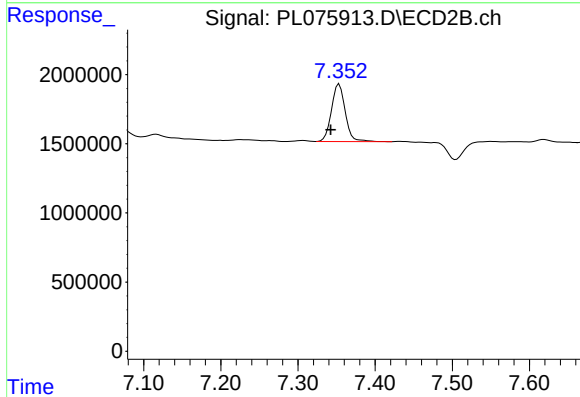
R.T.: 6.667 min  
Delta R.T.: 0.024 min  
Response: 7345996  
Conc: 109.85 ng/ml



#25 Chlordane-3

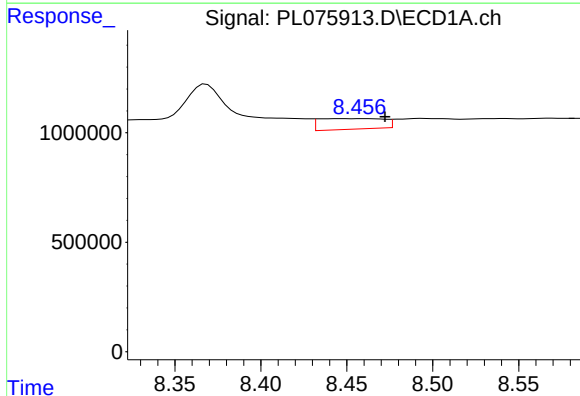
R.T.: 8.368 min  
Delta R.T.: -0.021 min  
Response: 8009517  
Conc: 77.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



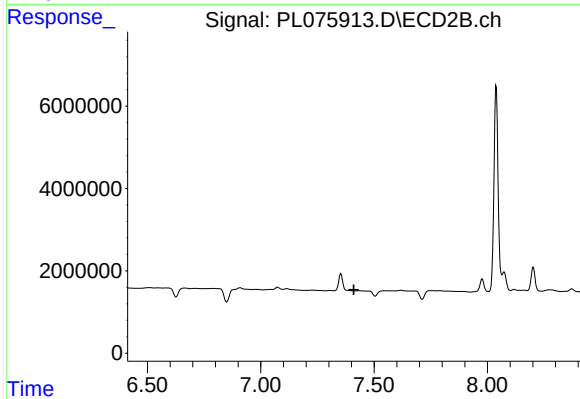
#25 Chlordane-3

R.T.: 7.353 min  
Delta R.T.: 0.011 min  
Response: 5194547  
Conc: 30.20 ng/ml



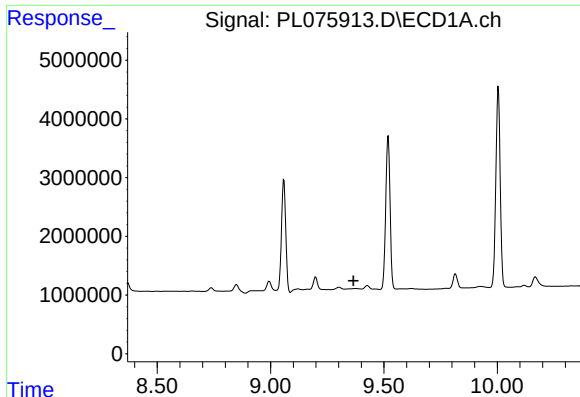
#26 Chlordane-4

R.T.: 8.459 min  
Delta R.T.: -0.014 min  
Response: 1265505  
Conc: 9.99 ng/ml



#26 Chlordane-4

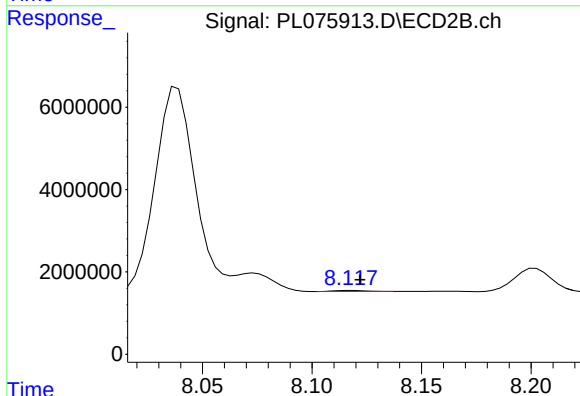
R.T.: 0.000 min  
Exp R.T. : 7.411 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

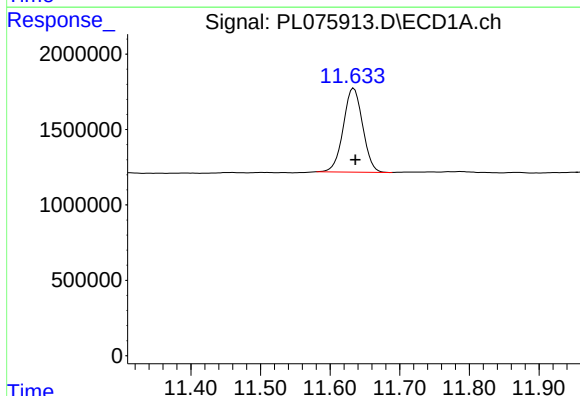
R.T.: 0.000 min  
Exp R.T.: 9.366 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



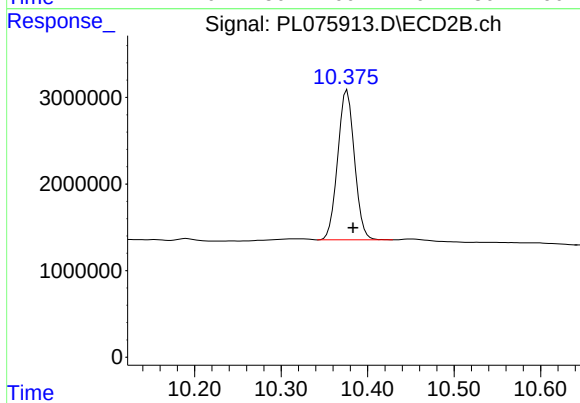
#27 Chlordane-5

R.T.: 8.118 min  
Delta R.T.: -0.004 min  
Response: 253150  
Conc: 5.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.634 min  
Delta R.T.: -0.002 min  
Response: 10741433  
Conc: 17.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.376 min  
Delta R.T.: -0.007 min  
Response: 23115455  
Conc: 16.41 ng/ml