

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020521\  
 Data File : PL064650.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2021 15:51  
 Operator : AR\AJ  
 Sample : M1315-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 06 02:44:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 04:48:57 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... | 3.439  | 4.110  | 66239505 | 57174434  | 21.760  | 24.002   |
| 28)                         | SA Decachlor... | 8.173  | 9.278  | 56091547 | 41013841  | 17.799  | 20.032   |
| Target Compounds            |                 |        |        |          |           |         |          |
| 3)                          | MA gamma-BHC... | 4.157  | 4.790  | 2156739  | 2527851   | 0.461   | 0.767 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.307  | 0        | 7061132   | N.D.    | 2.026 #  |
| 5)                          | MB Aldrin       | 4.670f | 5.651f | 9223894  | 11867423  | 2.171   | 3.976 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.996f | 0        | 3796743   | N.D.    | 2.244 #  |
| 8)                          | B Heptachlo...  | 0.000  | 6.009  | 0        | 17929500  | N.D.    | 7.000 #  |
| 9)                          | A Endosulfan I  | 5.497f | 6.359f | 7783953  | 3745548   | 2.061   | 1.408 #  |
| 10)                         | B gamma-Chl...  | 5.340f | 6.271f | 38489311 | 16754120  | 9.297   | 5.763 #  |
| 11)                         | B alpha-Chl...  | 5.409  | 6.326  | 20438008 | 2761821   | 4.984   | 0.939 #  |
| 12)                         | B 4,4'-DDE      | 5.591  | 6.488  | 108.3E6  | 120.5E6   | 28.726  | 46.534 # |
| 13)                         | MA Dieldrin     | 5.714  | 6.647  | 76513185 | 6956062   | 19.132  | 2.523 #  |
| 14)                         | MA Endrin       | 5.977  | 6.853  | 31089432 | 44710186  | 8.499   | 19.477 # |
| 15)                         | B Endosulfa...  | 6.233  | 7.066  | 38436888 | 1770635   | 10.626  | 0.717 #  |
| 16)                         | A 4,4'-DDD      | 6.104  | 6.987  | 59971878 | 86629225  | 19.057  | 37.634 # |
| 17)                         | MA 4,4'-DDT     | 6.343  | 7.287  | 342.7E6  | 183.8E6   | 111.673 | 89.507   |
| 18)                         | B Endrin al...  | 6.398  | 7.201  | 9441560  | 5164694   | 3.078   | 2.432    |
| 19)                         | B Endosulfa...  | 6.626  | 0.000  | 1550806  | 0         | 0.427   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.871  | 0.000  | 7565443  | 0         | 4.188   | N.D. #   |
| 23)                         | Chlordane-1     | 4.307  | 0.000  | 6934406  | 0         | 63.084  | N.D. #   |
| 25)                         | Chlordane-3     | 5.340f | 6.271f | 38489311 | 16754120  | 106.699 | 46.736 # |
| 26)                         | Chlordane-4     | 5.409  | 6.326  | 20438008 | 2761821   | 68.712  | 6.280 #  |
| 27)                         | Chlordane-5     | 6.233  | 7.164f | 38436888 | -10733962 | 322.867 | N.D. #   |
| -----                       |                 |        |        |          |           |         |          |

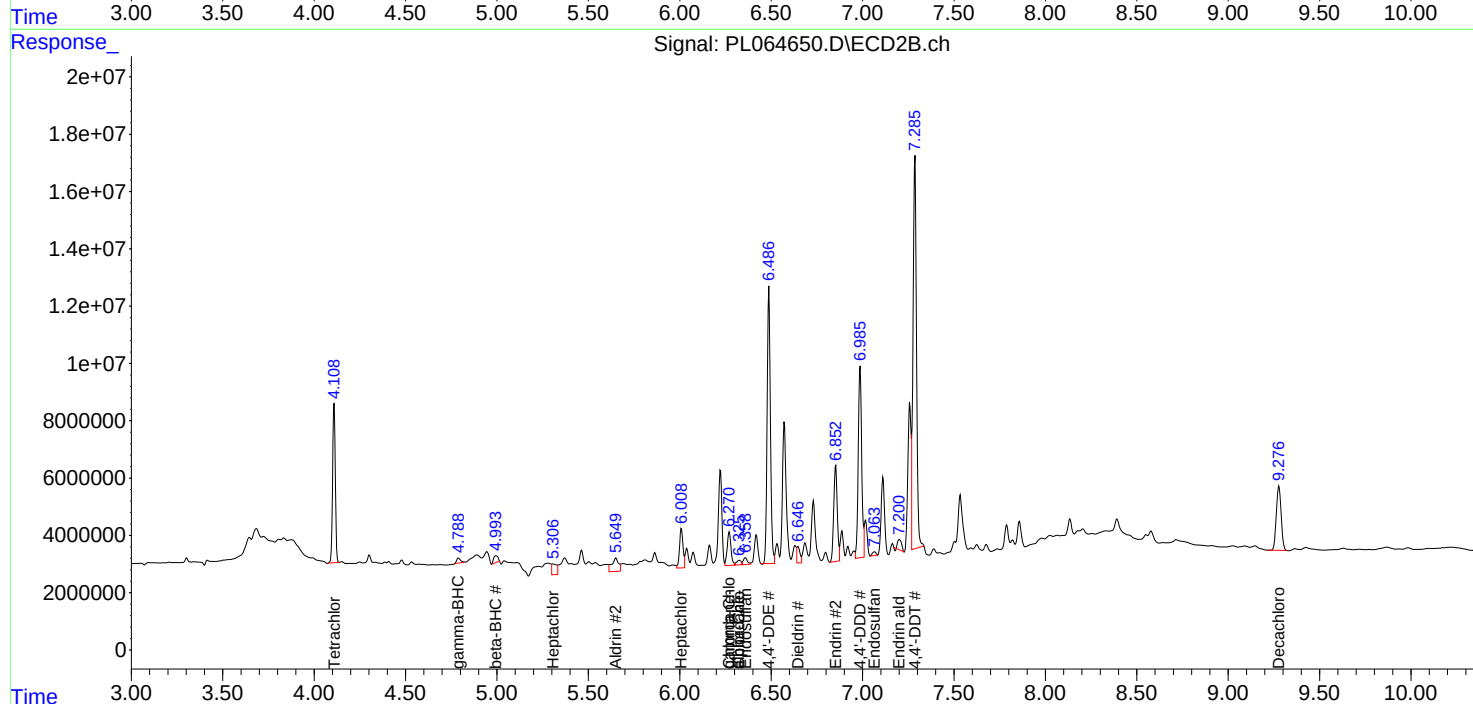
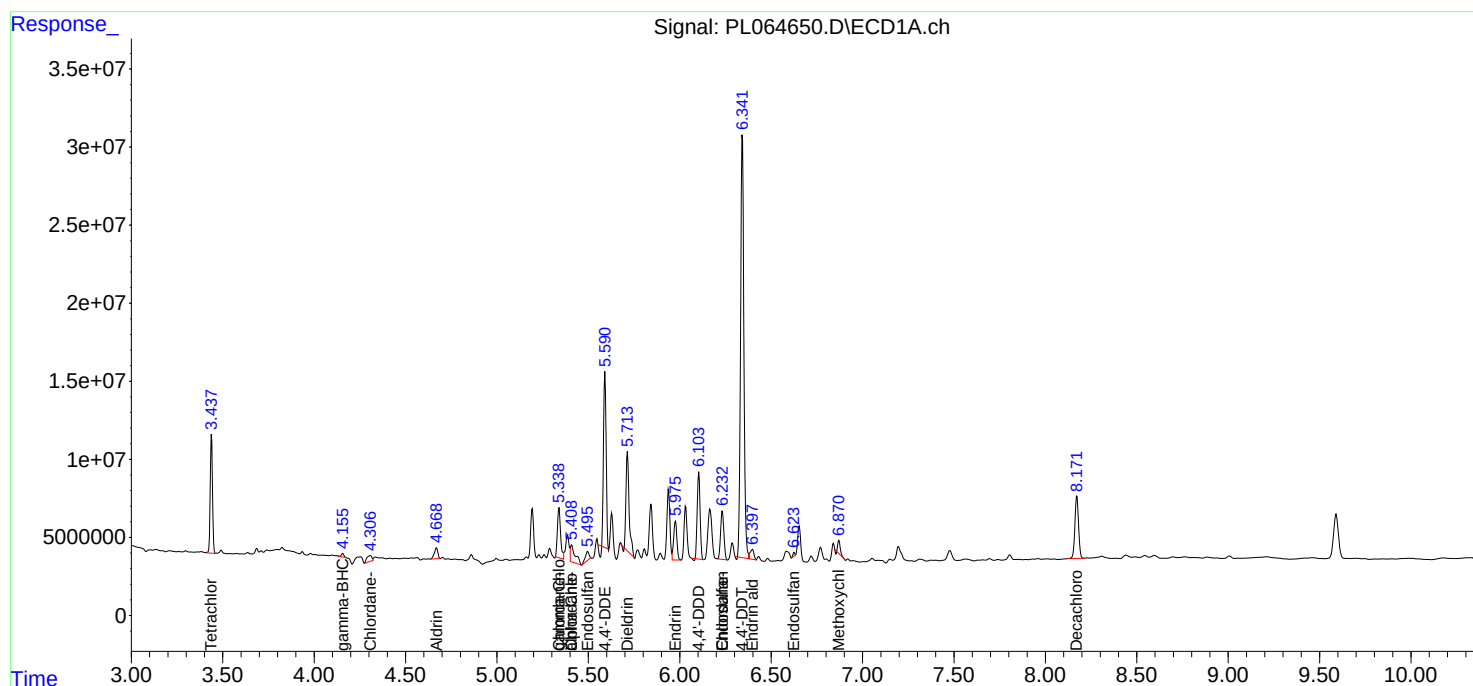
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

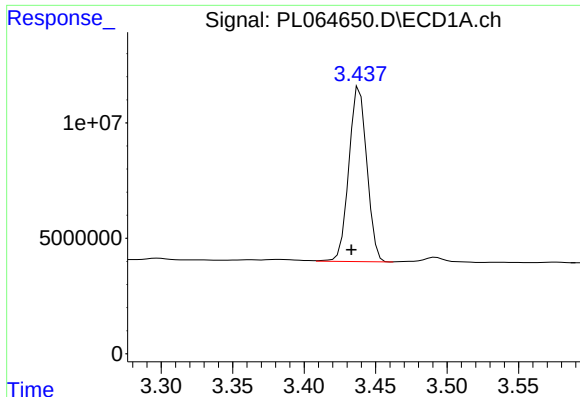
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020521\  
Data File : PL064650.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Feb 2021 15:51  
Operator : AR\AJ  
Sample : M1315-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 06 02:44:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 04:48:57 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

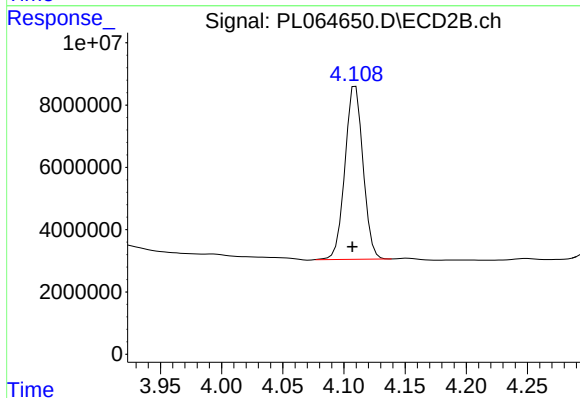




#1 Tetrachloro-m-xylene

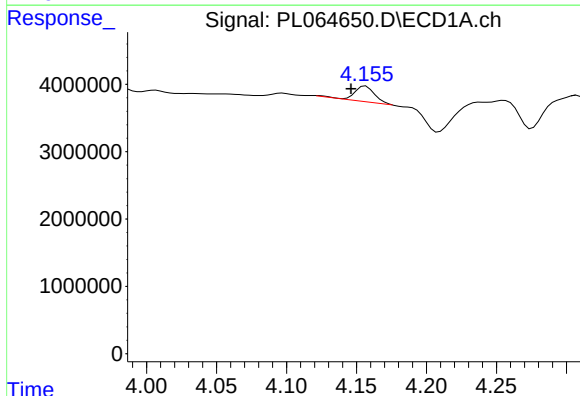
R.T.: 3.439 min  
Delta R.T.: 0.006 min  
Response: 66239505  
Conc: 21.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



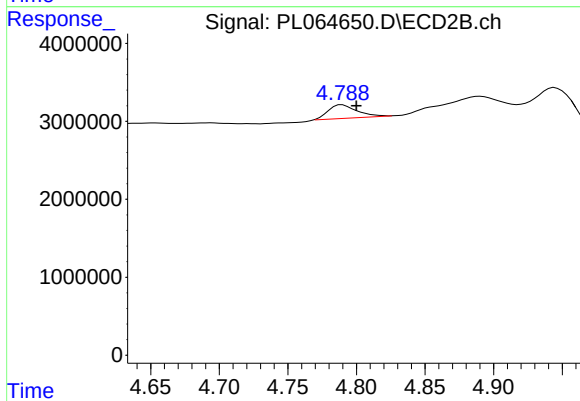
#1 Tetrachloro-m-xylene

R.T.: 4.110 min  
Delta R.T.: 0.003 min  
Response: 57174434  
Conc: 24.00 ng/ml



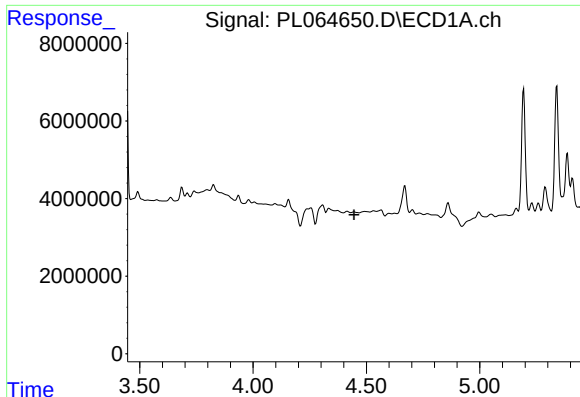
#3 gamma-BHC (Lindane)

R.T.: 4.157 min  
Delta R.T.: 0.011 min  
Response: 2156739  
Conc: 0.46 ng/ml



#3 gamma-BHC (Lindane)

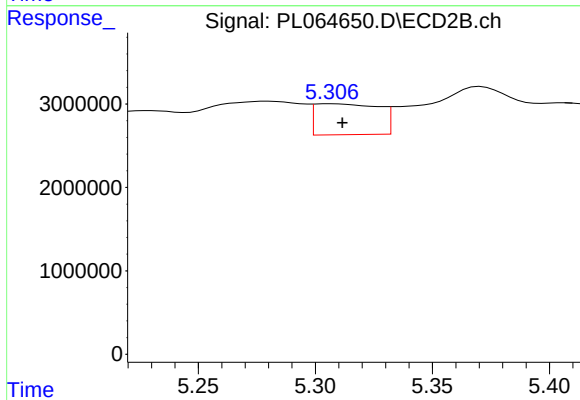
R.T.: 4.790 min  
Delta R.T.: -0.010 min  
Response: 2527851  
Conc: 0.77 ng/ml



#4 Heptachlor

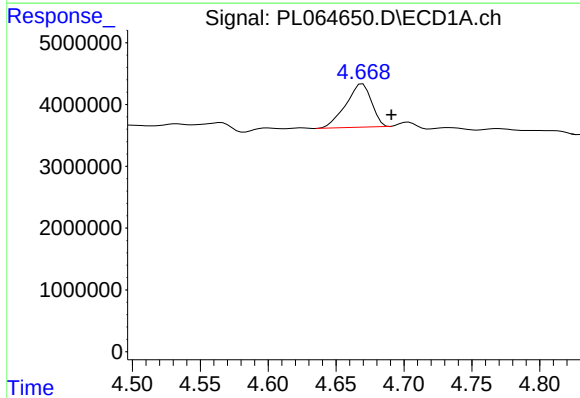
R.T.: 0.000 min  
Exp R.T.: 4.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



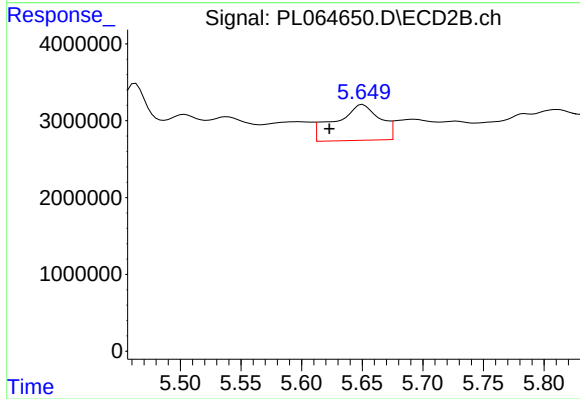
#4 Heptachlor

R.T.: 5.307 min  
Delta R.T.: -0.004 min  
Response: 7061132  
Conc: 2.03 ng/ml



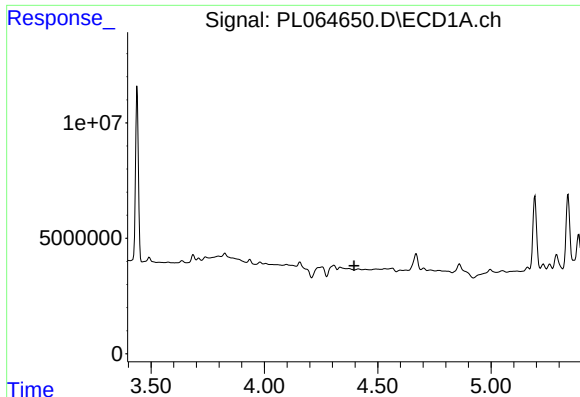
#5 Aldrin

R.T.: 4.670 min  
Delta R.T.: -0.021 min  
Response: 9223894  
Conc: 2.17 ng/ml



#5 Aldrin

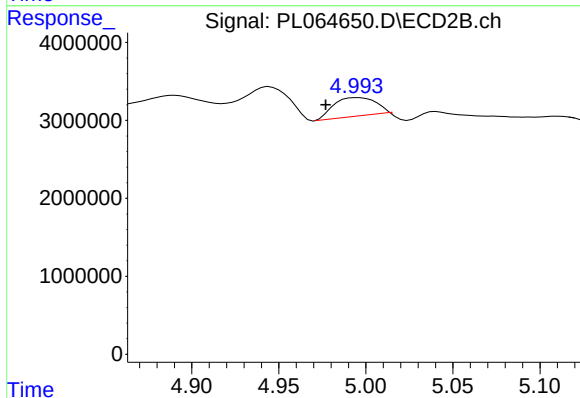
R.T.: 5.651 min  
Delta R.T.: 0.028 min  
Response: 11867423  
Conc: 3.98 ng/ml



#6 beta-BHC

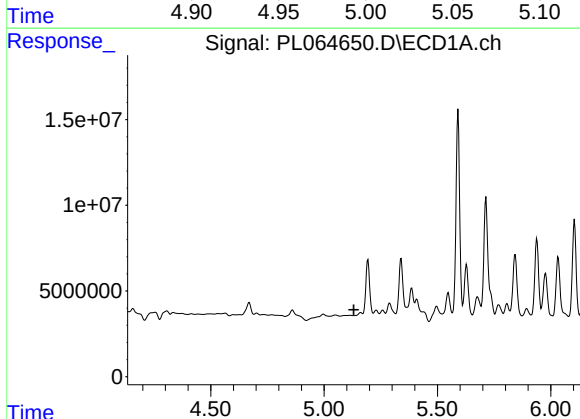
R.T.: 0.000 min  
Exp R.T.: 4.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



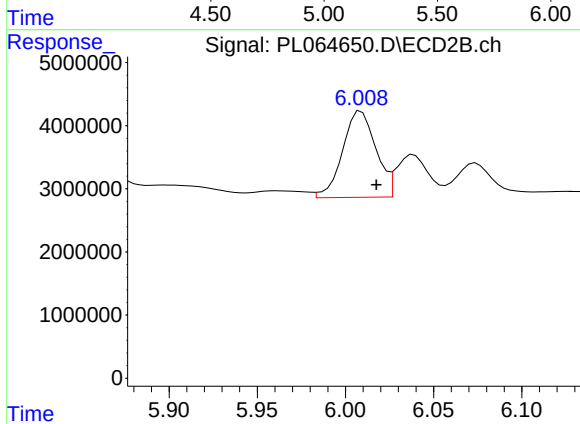
#6 beta-BHC

R.T.: 4.996 min  
Delta R.T.: 0.019 min  
Response: 3796743  
Conc: 2.24 ng/ml



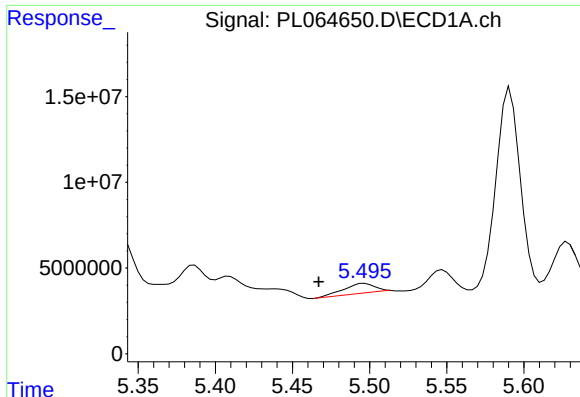
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.131 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

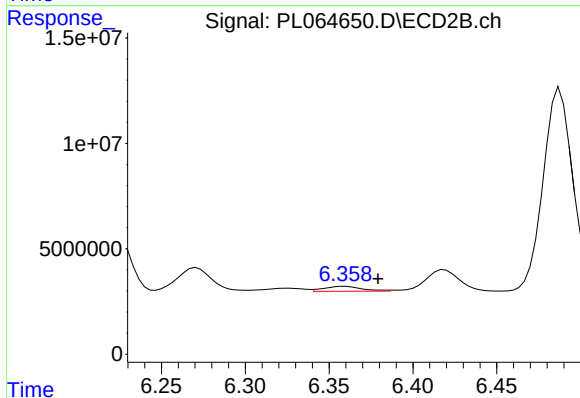
R.T.: 6.009 min  
Delta R.T.: -0.009 min  
Response: 17929500  
Conc: 7.00 ng/ml



#9 Endosulfan I

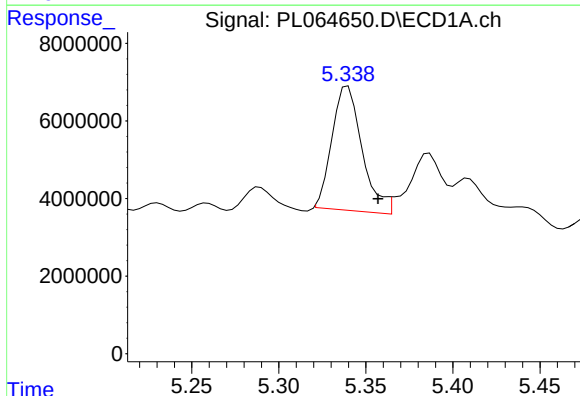
R.T.: 5.497 min  
Delta R.T.: 0.030 min  
Response: 7783953  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



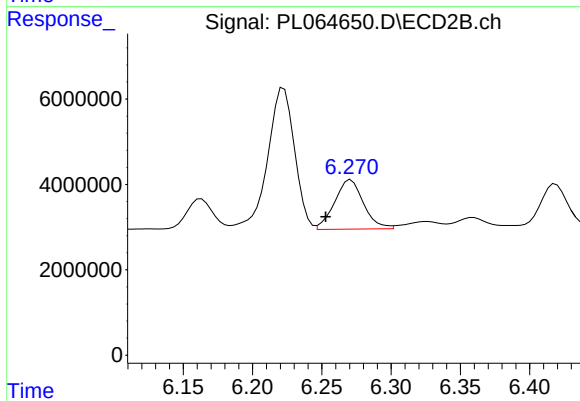
#9 Endosulfan I

R.T.: 6.359 min  
Delta R.T.: -0.020 min  
Response: 3745548  
Conc: 1.41 ng/ml



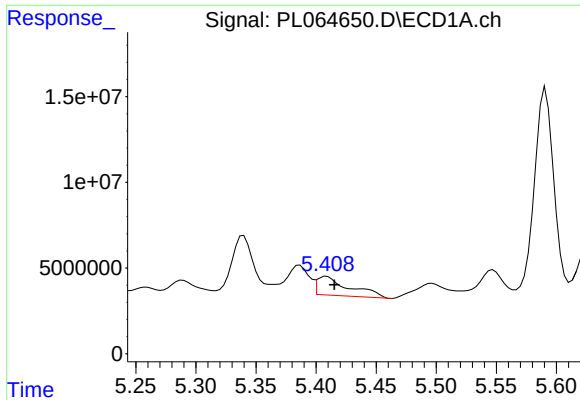
#10 gamma-Chlordane

R.T.: 5.340 min  
Delta R.T.: -0.017 min  
Response: 38489311  
Conc: 9.30 ng/ml



#10 gamma-Chlordane

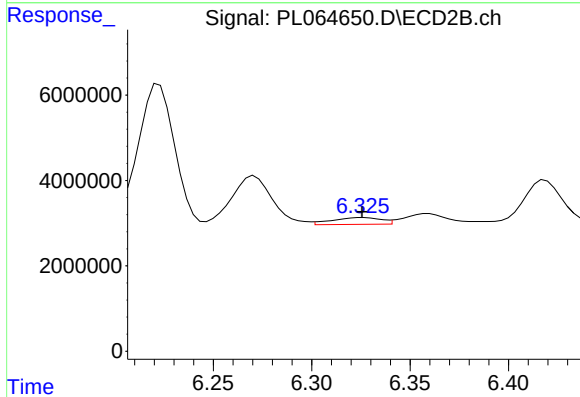
R.T.: 6.271 min  
Delta R.T.: 0.018 min  
Response: 16754120  
Conc: 5.76 ng/ml



#11 alpha-Chlordane

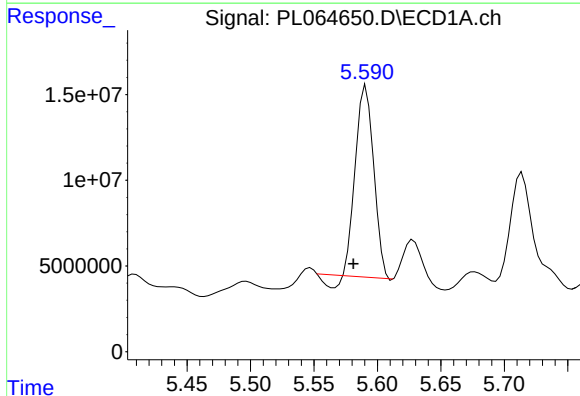
R.T.: 5.409 min  
Delta R.T.: -0.006 min  
Response: 20438008  
Conc: 4.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



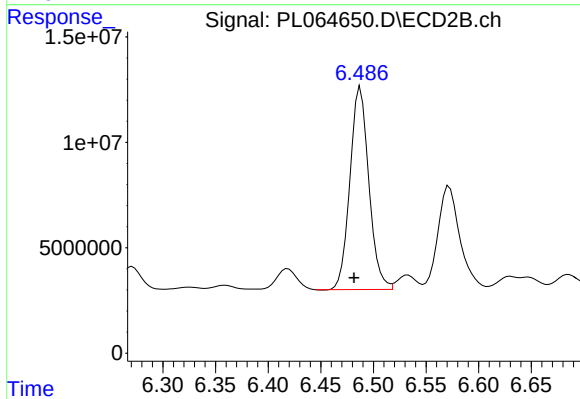
#11 alpha-Chlordane

R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 2761821  
Conc: 0.94 ng/ml



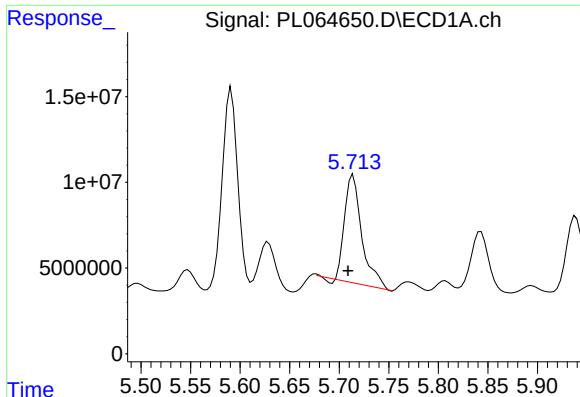
#12 4,4'-DDE

R.T.: 5.591 min  
Delta R.T.: 0.010 min  
Response: 108282884  
Conc: 28.73 ng/ml



#12 4,4'-DDE

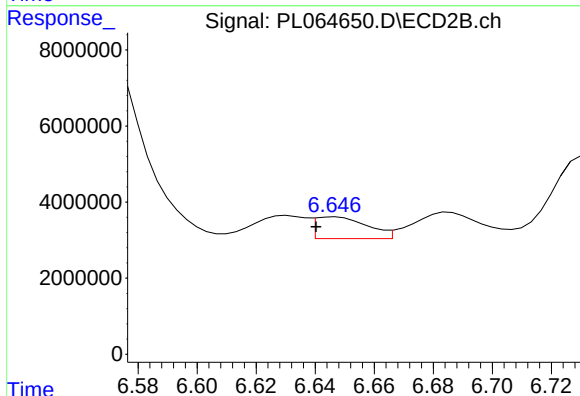
R.T.: 6.488 min  
Delta R.T.: 0.006 min  
Response: 120490441  
Conc: 46.53 ng/ml



#13 Dieldrin

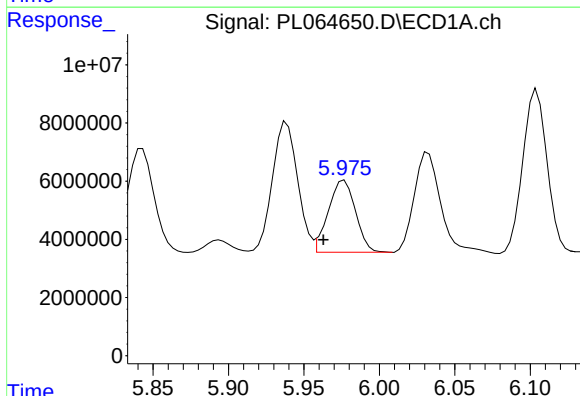
R.T.: 5.714 min  
Delta R.T.: 0.005 min  
Response: 76513185  
Conc: 19.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



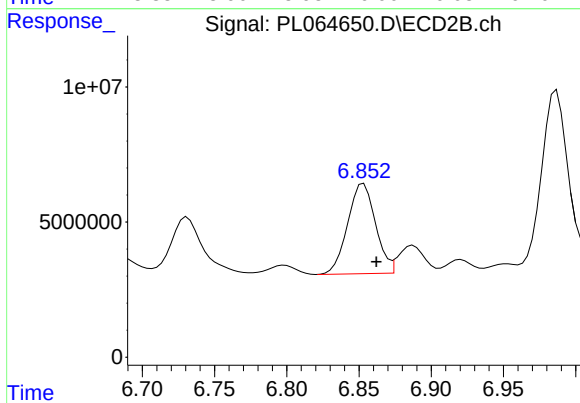
#13 Dieldrin

R.T.: 6.647 min  
Delta R.T.: 0.006 min  
Response: 6956062  
Conc: 2.52 ng/ml



#14 Endrin

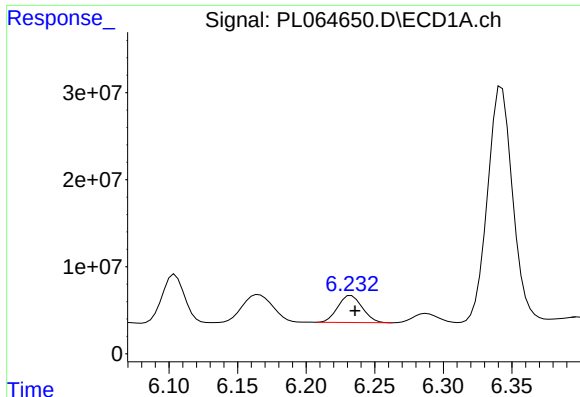
R.T.: 5.977 min  
Delta R.T.: 0.014 min  
Response: 31089432  
Conc: 8.50 ng/ml



#14 Endrin

R.T.: 6.853 min  
Delta R.T.: -0.009 min  
Response: 44710186  
Conc: 19.48 ng/ml

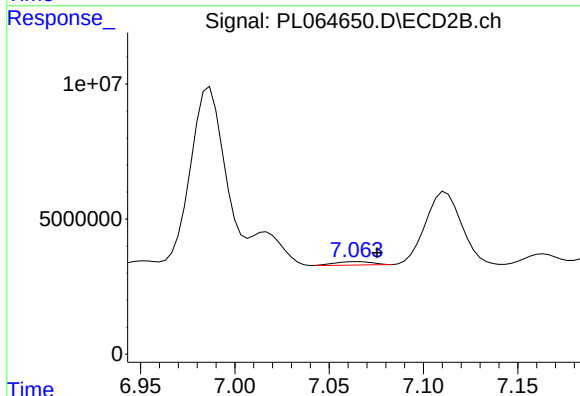




#15 Endosulfan II

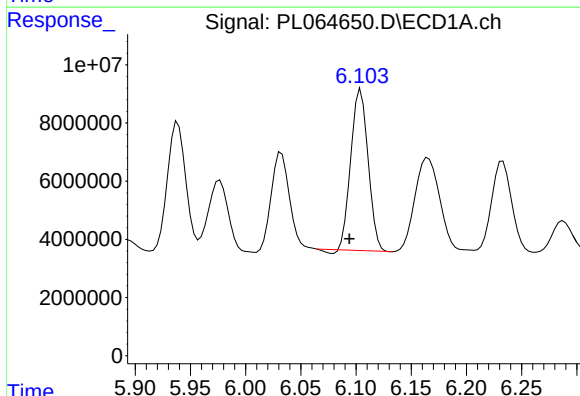
R.T.: 6.233 min  
Delta R.T.: -0.003 min  
Response: 38436888  
Conc: 10.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



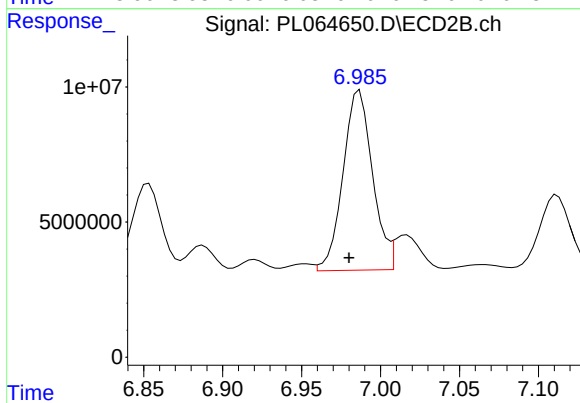
#15 Endosulfan II

R.T.: 7.066 min  
Delta R.T.: -0.010 min  
Response: 1770635  
Conc: 0.72 ng/ml



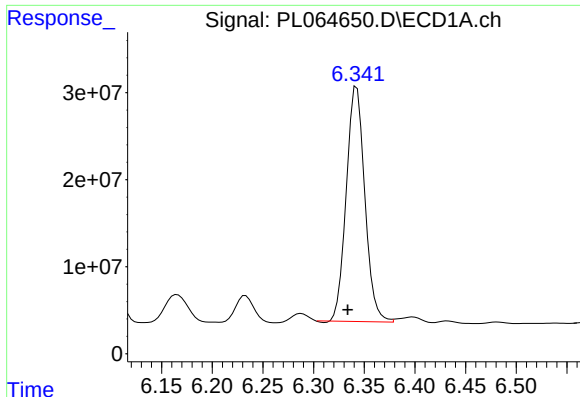
#16 4,4'-DDD

R.T.: 6.104 min  
Delta R.T.: 0.010 min  
Response: 59971878  
Conc: 19.06 ng/ml



#16 4,4'-DDD

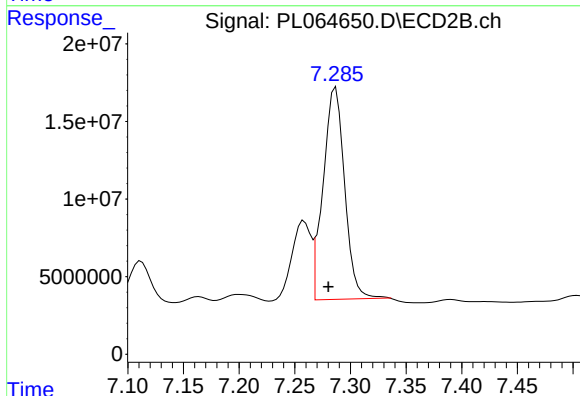
R.T.: 6.987 min  
Delta R.T.: 0.007 min  
Response: 86629225  
Conc: 37.63 ng/ml



#17 4,4'-DDT

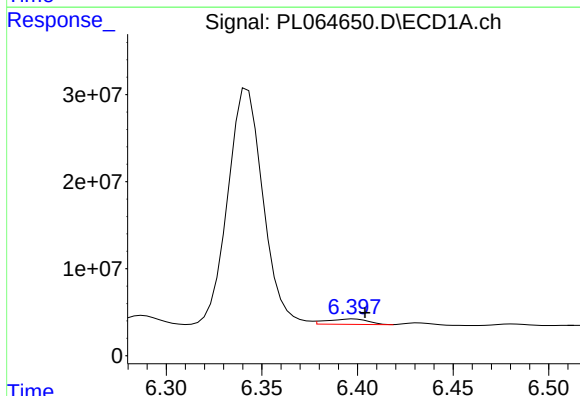
R.T.: 6.343 min  
Delta R.T.: 0.009 min  
Response: 342726092  
Conc: 111.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



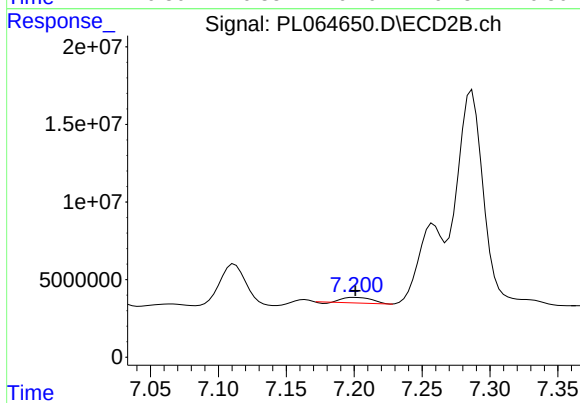
#17 4,4'-DDT

R.T.: 7.287 min  
Delta R.T.: 0.007 min  
Response: 183848491  
Conc: 89.51 ng/ml



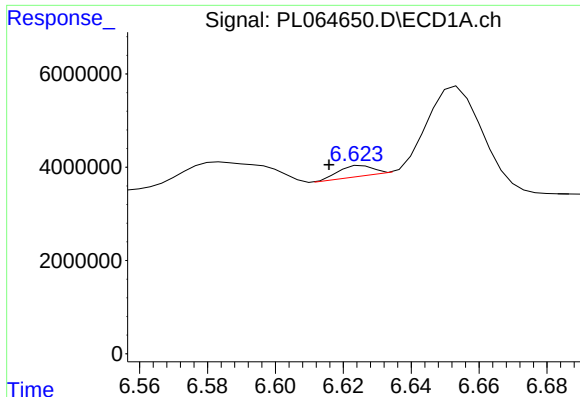
#18 Endrin aldehyde

R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 9441560  
Conc: 3.08 ng/ml



#18 Endrin aldehyde

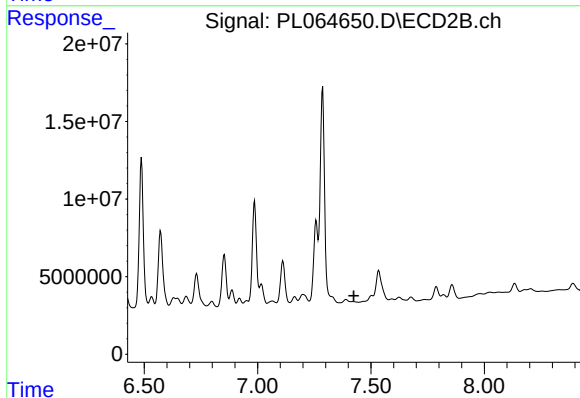
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 5164694  
Conc: 2.43 ng/ml



#19 Endosulfan Sulfate

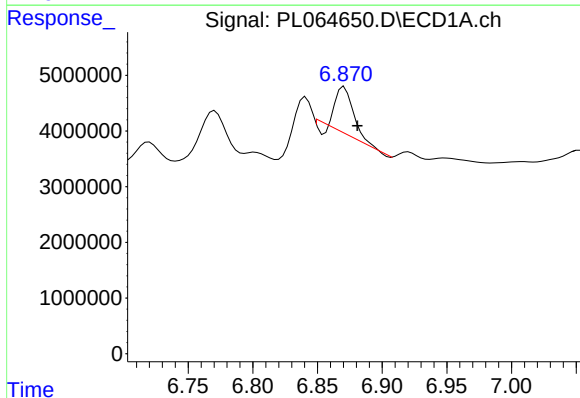
R.T.: 6.626 min  
Delta R.T.: 0.010 min  
Response: 1550806  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



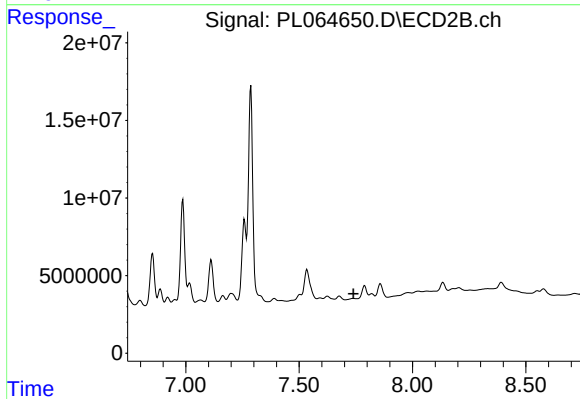
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.425 min  
Response: 0  
Conc: N.D.



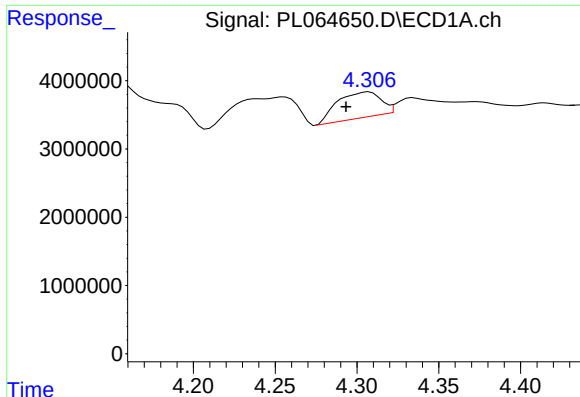
#20 Methoxychlor

R.T.: 6.871 min  
Delta R.T.: -0.010 min  
Response: 7565443  
Conc: 4.19 ng/ml



#20 Methoxychlor

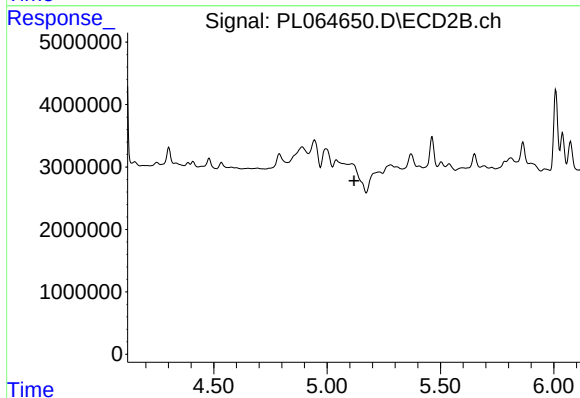
R.T.: 0.000 min  
Exp R.T. : 7.740 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

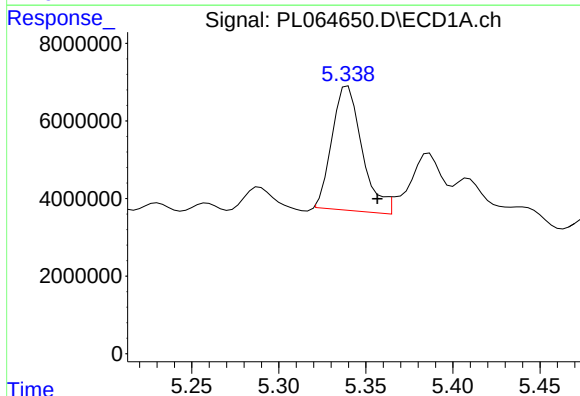
R.T.: 4.307 min  
Delta R.T.: 0.014 min  
Response: 6934406  
Conc: 63.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



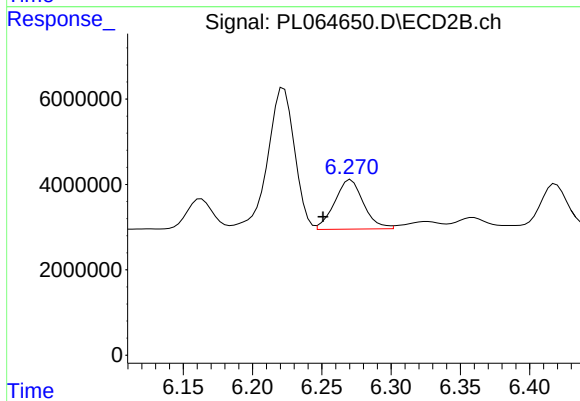
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 5.119 min  
Response: 0  
Conc: N.D.



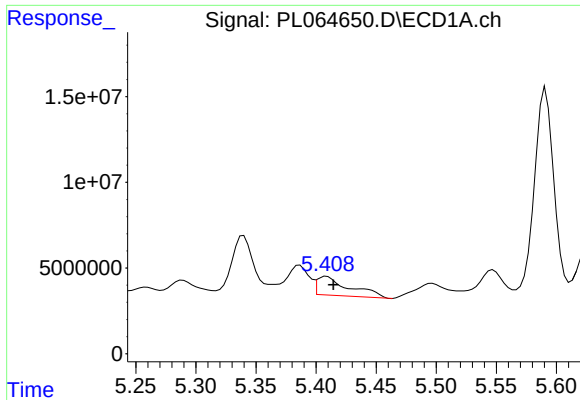
#25 Chlordane-3

R.T.: 5.340 min  
Delta R.T.: -0.017 min  
Response: 38489311  
Conc: 106.70 ng/ml



#25 Chlordane-3

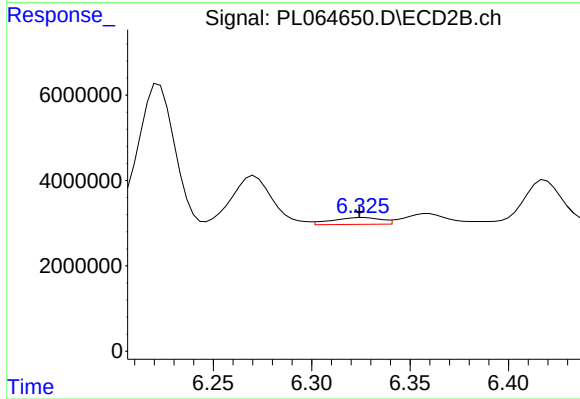
R.T.: 6.271 min  
Delta R.T.: 0.020 min  
Response: 16754120  
Conc: 46.74 ng/ml



#26 Chlordane-4

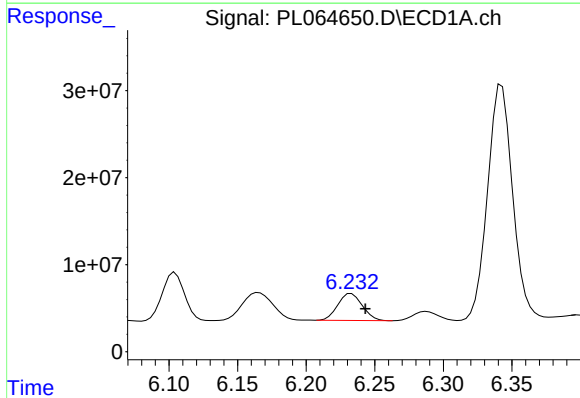
R.T.: 5.409 min  
Delta R.T.: -0.005 min  
Response: 20438008  
Conc: 68.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



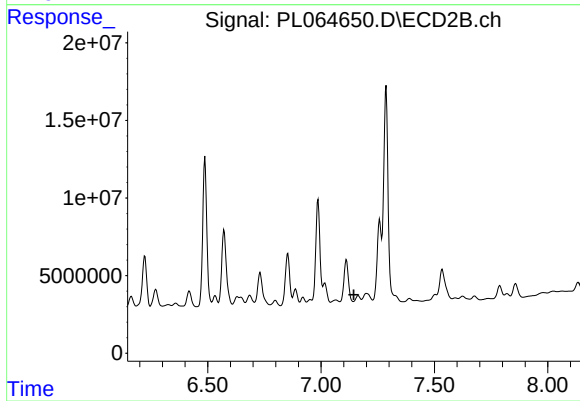
#26 Chlordane-4

R.T.: 6.326 min  
Delta R.T.: 0.002 min  
Response: 2761821  
Conc: 6.28 ng/ml



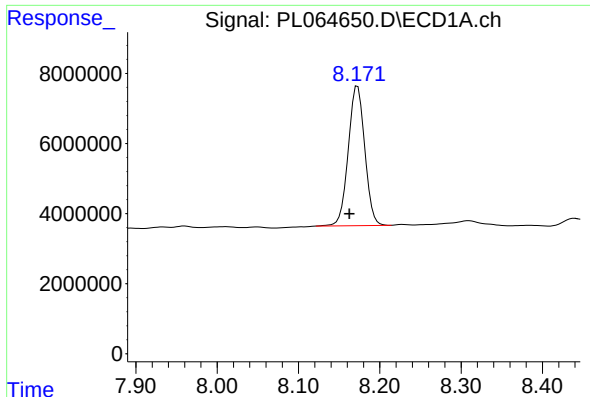
#27 Chlordane-5

R.T.: 6.233 min  
Delta R.T.: -0.010 min  
Response: 38436888  
Conc: 322.87 ng/ml



#27 Chlordane-5

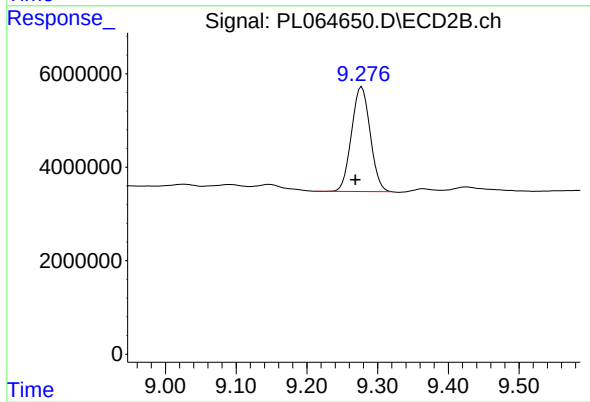
R.T.: 7.164 min  
Delta R.T.: 0.019 min  
Response: -10733962  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.173 min  
Delta R.T.: 0.010 min  
Response: 56091547  
Conc: 17.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1



#28 Decachlorobiphenyl

R.T.: 9.278 min  
Delta R.T.: 0.009 min  
Response: 41013841  
Conc: 20.03 ng/ml